SESI
CONSULTING ENGINEERS

2021 PERIODIC REVIEW REPORT
for

April 30, 2021 – April 30, 2022
Reporting Period

FORMER GROSSINGERS RESORT
LIBERTY, SULLIVAN COUNTY, NEW YORK

NYSDEC Site # C353015

prepared for:

SULLIVAN RESORTS, LLC
7 Renaissance Square
White Plains, New York 10601

prepared by:

SESI CONSULTING ENGINEERS
959 Route 46E, 3rd Floor, Suite 300
Parsippany, NJ 07054

September 2022

Project No.: 09313

TABLE OF CONTENTS

LIST OF ACRONYMS ..... **i**

1.0 INTRODUCTION **1**

1.1 SUMMARY 1

1.2 EFFECTIVENESS OF REMEDIAL PROGRAM 2

1.3 COMPLIANCE 3

1.4 CONCLUSIONS AND RECOMMENDATIONS 3

2.0 SITE OVERVIEW **4**

2.1 SITE LOCATION AND DESCRIPTION 4

2.2 SITE HISTORY 4

2.2.1 REMEDIAL INVESTIGATION (RI) CONDUCTED AT THE SITE 4

2.2.2 DESCRIPTION OF INTERIM REMEDIAL MEASURES 9

2.2.3 DESCRIPTION OF REMEDIAL ACTIONS 10

2.2.4 REMOVAL OF CONTAMINATED MATERIALS FROM THE SITE 11

2.2.5 ON-SITE AND OFF-SITE TREATMENT SYSTEMS 11

2.2.6 DESCRIPTION OF RESIDUAL CONTAMINATION 11

2.2.7 MANAGEMENT OF RESIDUAL CONTAMINATION THROUHG INSTITUTIONAL AND ENGINEERING CONTROLS IN THE ENVIRONMENTAL EASEMENT 12

3.0 REMEDY PERFORMANCE, EFFECTIVENESS, PROTECTIVENESS **13**

4.0 IC/EC PLAN COMPLIANCE **18**

4.1 IC/EC REQUIREMENTS AND COMPLIANCE 18

4.2 IC/EC CERTIFICATION 19

5.0 MONITORING PLAN COMPLIANCE **20**

6.0 OPERATION AND MAINTENANCE PLAN COMPLIANCE **23**

7.0 CONCLUSIONS AND RECOMMENDATIONS **24**

TABLES

TABLE 3.1 SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

TABLE 3.2 SUMMARY OF HISTORICAL VOC EXCEEDANCES IN GROUNDWATER

TABLE 3.3 SUMMARY OF HISTORICAL PFAS EXCEEDANCES IN GROUNDWATER

TABLE 3.4 SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS

TABLE 3.5 SUMMARY OF HISTORICAL SOIL VAPOR RESULTS

TABLE 5.1 SMP MONITORING FREQUENCY REQUIREMENTS

FIGURES

FIGURE 3.1 MONITORING WELLS LOCATIONS AND CONCENTRATIONS

FIGURE 3.2 SOIL VAPOR POINT SAMPLE RESULTS PLAN

APPENDICES

APPENDIX A SITE MANAGEMENT PLAN (SMP) FIGURES

APPENDIX B WELL SAMPLING LOGS

APPENDIX C GROUNDWATER LABORATORY ANALYTICAL DATA

APPENDIX D SOIL VAPOR LABORATORY ANALYTICAL DATA

APPENDIX E NYSDEC IC & EC CERTIFICATION FORM

LIST OF ACRONYMS

Acronym	Definition
AWQS	Ambient Water Quality Standards
BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
bgs	Below ground surface
CFCs	Chlorofluorocarbons
DER	Division of Environmental Remediation
DER-10	NYSDEC Technical Guidance for Site Investigation & Remediation
ECs	Engineering Controls
EE	Environmental Easement
HAL	USEPA Health Advisory Level
ICs	Institutional Controls
LNAPL	Light Non-Aqueous Phase Liquid
MCL	Maximum Contaminant Level
MW	Monitoring Well
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
PAH	Polynuclear Aromatic Hydrocarbons
PFAS	Per and Polyfluoroalkyl Substances
PFOA	Perfluorooctanoic Acid
PFOS	Perfluorooctanesulfonic Acid
ppt	parts per trillion
PRR	Periodic Review Report
RI	Remedial Investigation
RI/IRM	Remedial Investigation/Interim Remedial Measure
RIWP	Remedial Investigation Work Plan
SCO	Soil Cleanup Objectives
SESI	SESI Consulting Engineers, PC
SMP	Site Management Plan
SV	Soil Vapor
SVI	Soil Vapor Investigation

Acronym	Definition
SVOCs	Semi-Volatile Organic Compounds
TAL	Target Analyte List
TCL	Target Compound List
TOGS	Technical and Operations Guidance Series
USCO	Unrestricted Use Soil Cleanup Objectives
USEPA	United States Environmental Protection Agency
UST	Underground Storage Tank
VOCs	Volatile Organic Compounds

1.0 INTRODUCTION

1.1 SUMMARY

SESI Consulting Engineers DPC (SESI) prepared this Periodic Review Report (PRR) for the period April 30, 2021 to April 30, 2022 for the Former Grossingers Resort, New York State Brownfield Cleanup Program (BCP) Site No. C335015, located in Liberty, New York (hereinafter referred to as the "Site"). SESI prepared this PRR on behalf of Sullivan Resorts LLC, who entered into a Brownfield Cleanup Agreement (BCA) as Volunteers in April 2018 with the New York State Department of Environmental Conservation (NYSDEC) to remediate the Site.

Historically, Site development included a 272-room resort hotel, boiler room, laundry room, convention center, swimming pool, ice skating rink and its ancillary building, service building known as the Joy Cottage, service building known as the Harry G, and outdoor tennis courts constructed over time since 1950s. A downhill ski slope was located to the west of the main hotel buildings.

A remedial investigation (RI) was conducted in 2019 and the results of the soil sampling showed exceedances to the unrestricted use Soil Cleanup Objectives (USCOs) for benzene, ethylbenzene, 2-methylnaphthalene, polyaromatic hydrocarbons (PAHs), mercury and lead. The results of surface soil samples showed one (1) or more of the pesticides 4,4'-DDT, 4,4'-DDE and 4,4'-DDD, lead and PAHs above the USCOs. The Site investigation for soil vapor identified elevated concentrations of Trichlorofluoromethane (Freon-11), Dichlorodifluoromethane (Freon-12), benzene, and 1,3 butadiene. The Site investigation for groundwater showed exceedances to the Class GA Groundwater Standards for benzene, ethylbenzene, isopropyl benzene, lead, barium, nickel and beryllium, Freon-11, Freon-12. The per-and polyfluoroalkyl substances (PFAS) perfluorooctanesulfonic acid (PFOS) and perfluorooctanoic acid (PFOA) were detected at concentrations exceeding the U.S. Environmental Protection Agency Health Advisory Level (HAL) of 70 parts per trillion (ppt). The impacts at the Site are the result of a leaking underground storage tank (UST), historically applied pesticides, and other historical Site facilities.

The Site has been remediated to conditional Track 1. The remaining Engineering Control (EC) is groundwater monitoring. There are no engineering controls for soil vapors because

the Site does not have any buildings; however, a vapor intrusion investigation is ongoing. Institutional and Engineering Controls (ICs and ECs) have been incorporated into the Site remedy to control exposure to the remaining contamination to ensure protection of public health and the environment. An Environmental Easement (EE) was granted to the NYSDEC and recorded by the Site owners with the Sullivan County Clerk, and it requires compliance with a Site Management Plan (SMP) and the ICs and ECs placed on the Site. These ICs currently allow for residential, restricted residential use, commercial, and industrial uses, but prohibit the use of groundwater without necessary water quality treatment. The ECs require quarterly groundwater monitoring for natural attenuation. A Site Location Map is provided in Figure 1.1 of the SMP. All SMP figures are included in **Appendix A** of this report.

This PRR reports the required inspection and monitoring activities that were conducted during the current reporting period. The inspection and monitoring were conducted to ensure compliance with the ICs required by the EE and as stated in the SMP as approved by NYSDEC.

1.2 EFFECTIVENESS OF REMEDIAL PROGRAM

In order to monitor the effectiveness of the contaminant removal and the Site natural attenuation, an on-site monitoring well network including MW-201, MW-203, MW-204, MW-205, MW-206, MW-207, MW-209, MW-210, MW-211, MW-213, MW-214, MW-216, and MW-217 was sampled for volatile organic compounds (VOCs) and PFAS. As presented in Section 3, overall, the Freon-11, Freon-12, and PFAS concentrations in groundwater detected during the July 2022 sampling event have declined or remained relatively level in comparison with the April 2021 sampling event.

Soil vapor samples were collected from vapor points SMPV-1, SMPV-2, SMPV-3, SMPV-10, SMPV-11, SMPV-12, SMPV-13, and SMPV-14 in September 2021 and July 2022. As presented in Section 3, overall soil VOC concentrations have decreased and/or remained stable.

1.3 COMPLIANCE

SESI sampled the groundwater well network in September 2021, November 2021, and July 2022. Soil vapor samples were collected in September 2021 and July 2022. The 2021 second quarter sampling event was submitted with the previous PRR, and the 2022 first quarter sampling event was not conducted because of the accumulated snow, which hindered safe Site access and therefore samples collected in July 2022 are presented herein.

1.4 CONCLUSIONS AND RECOMMENDATIONS

SESI has verified that the ECs and ICs developed for the Site are in compliance with the SMP.

We recommend the following for the next reporting period:

- Groundwater monitoring wells MW-203, MW-204, MW-206, MW-207, MW-213, MW-214, MW-216, and MW-217 have reached asymptotic concentrations at or near the Ambient Water Quality Standards (AWQS). In addition, there were no exceedances of the AWQSs in monitoring wells MW-201, MW-205, MW-210, or MW-211 during this monitoring period. Therefore, SESI recommends no further groundwater sampling.
- Soil vapor monitoring of the onsite vapor monitoring points shows that the soil vapor concentrations have reached asymptotic concentrations. New York State does not have guidance values or standards for VOCs in soil vapor. SESI recommends no further vapor sampling at this time. A soil vapor intrusion evaluation can be conducted when the Site is developed.
- SESI recommend the removal of the condition in the Track 1 remedy because all the standards have been achieved or reached asymptotic levels. Therefore no further monitoring is warranted.

2.0 SITE OVERVIEW

2.1 SITE LOCATION AND DESCRIPTION

The Site is located in New Liberty, Sullivan County, New York, and is identified as a portion of tax parcel ID number 30-1-1.1 on the Sullivan County Tax Map. A United States Geological Survey (USGS) topographical quadrangle map, SMP Figure 1.1 in **Appendix A**, shows the Site location. The Site is an approximately is a 17.30-acre area bounded by residential dwellings and undeveloped woodlands along Route 52 to the north, Route 52 and multiple commercial dwellings to the south, residential dwellings and commercial properties along Sunset Lake to the east, and the Middle Mongauop River and commercial properties along Route 17 to the west. A boundary map is attached to the amended BCA as required by Environmental Conservation Law Title 14 Section 27-1419 and is shown on SMP Figure 1.2 in **Appendix A**.

2.2 SITE HISTORY

The Site is part of the former Grossingers Resort, developed in 1916. The resort hotel was composed of more than three dozen buildings with a total floor area of approximately 700,000 square feet. The resort featured indoor and outdoor tennis facilities, indoor and outdoor pools, a championship golf course, a skating rink, skiing facilities, horse trails and more. Since its closure in 1986 and prior to the implementation of the Remedial Investigation/Interim Remedial Measure (RI/IRM), the hotel complex had been shuttered and many of the old resort hotel structures remained. The structures were well beyond repair and required demolition. This Site is currently vacant; all operations on the Site ceased around 1986. However, the golf course is still active and is not part of the Site.

2.2.1 REMEDIAL INVESTIGATION (RI) CONDUCTED AT THE SITE

The Remedial Investigation Report/Interim Remedial Measure Construction Completion Report prepared by SESI in December 2019 details the results of prior investigations and the RI performed on the Site. The RI was conducted in accordance with the Remedial Investigation\Interim Remedial Measures Work Plan (RI/IRMWP) for the Site, which was submitted to NYSDEC on October 3, 2018 and subsequently approved by the NYSDEC on October 16, 2018.

The results of the remedial investigation soil sampling showed exceedances to the USCOs for benzene, ethylbenzene, 2-methylnaphthalene, PAHs, mercury and lead.

After the demolition and removal of the building foundations, a soil boring investigation was conducted in every building footprint to determine the environmental conditions of the uncovered areas. The soil boring investigation included performing 24 additional soil borings (SB-51 to SB-74) at the Site. Two (2) soil samples were collected from each boring. Soil borings were also conducted around the boiler room, which contained two (2) 15,000-gallon No. 4 heating oil USTs. Light non-aqueous phase liquid (LNAPL) was observed in borings in the boiler room area. (This LNAPL was subsequently removed as part of the remedial action.) The soil boring locations are shown on SMP Figure 2.2 in **Appendix A**. The exceedances shown on SMP Figure 2.2 in **Appendix A** are the exceedances left post remediation as described below in Section 2.2.6.

All soil borings were advanced to a minimum of 15 ft-bgs or to bedrock, whichever was encountered first. Two (2) soil samples were collected from each boring. Sample collection depths from each boring location were biased based on the field screening which included photo ionization detector, visual, and olfactory observations. If the field screening did not result in any impacts, the soil samples were collected at the six-inch interval above the water table and at the deepest six-inch interval, which is just above bedrock. All samples were analyzed for Target Compound List/Target Analyte List (TCL/TAL) +30 tentatively identified compounds.

The results of the soil boring samples showed PAHs were detected above the unrestricted use SCOs in a soil sample collected from boring SB-62 at concentrations ranging from 3.23 mg/kg to 8.15 mg/kg. The pesticide 4,4'-DDE was detected in soil boring SB-66 (3.5 to 4.0 feet) above the unrestricted use SCO at a concentration of 0.005 mg/kg. In soil boring SB-73 (11.5 to 12.0), the pesticides 4,4'-DDT (0.014 mg/kg), 4,4'-DDE (0.027 mg/kg) and 4,4'-DDD (0.008 mg/kg) were detected above the unrestricted use SCOs. All these exceedances were excavated as part of the remedial action as described below; the remaining exceedances shown on SMP Figure 2.2 in **Appendix A** are described in Section 2.2.6 below.

Surface Soil Sampling

Surface soil samples were initially collected at ten (10) locations during October and November 2018 after most of the buildings were demolished. The surface soil sample locations were determined after the vegetation was removed based on field screening, visual observations of stained soils and historic data. Surface soil samples were collected from the 0.0 to 2-inch interval below ground surface.

The results of the ten (10) surface soil samples showed one (1) or more of the pesticides 4,4'-DDT, 4,4'-DDE and 4,4'-DDD were detected above the unrestricted use SCOs in seven (7) of the ten (10) surface soil samples at concentrations ranging from 0.005 mg/kg to 0.061 mg/kg. Lead was detected in surface soil sample SS-3 above the unrestricted use SCOs at 67.1 mg/kg. PAHs were detected above the unrestricted use SCOs in sample SS-5 at concentrations ranging from 3.96 mg/kg to 9.92 mg/kg.

To determine the horizontal and vertical extent of the pesticides, additional surface soil samples were collected 15 locations within the BCP Area during November and December 2018. Two (2) samples were collected from each location at the 0 to 2-inch below grade interval and the 6 to 8-inch below grade interval after the vegetation was removed. The soil samples were collected using a stainless-steel trowel or shovel and delivered to Test America Laboratories for pesticide analysis on a 24-hour turnaround time. Care was taken when collecting the soil samples not to cross-contaminate between sample intervals and sample locations. The stainless-steel trowel or shovel was decontaminated prior to each use with a detergent wash and distilled water rinse. Any fall in from the surrounding soil was removed prior to collecting the sample. All surface soil exceedances were excavated except for the exceedances shown on SMP Figure 2.3 in **Appendix A**. The remaining soil exceedances are described in Section 2.2.6 below.

After demolition of the buildings, eight (8) additional surface soil samples were collected beneath the former buildings during June 2019. Pesticide exceedances to the unrestricted use SCOs were detected in three (3) of the eight (8) samples.

Soil Vapor Sampling

A soil vapor investigation was determined to be necessary in preparation for the planned development on the Site, which may include buildings. To evaluate the potential for future exposures in the future building, SESI designed a soil vapor investigation (SVI) in accordance with the NYS Department of Health (NYSDOH) Guidance for Evaluating Soil Vapor Intrusion (Guidance) (October 2006). The SVI plan was included in the RI/IRMWP submitted to the NYSDEC on October 3, 2018 and subsequently approved on October 16, 2018.

During the period from November 30, 2018 to December 14, 2018, ten (10) soil vapor (SV) samples (V-1, V-2, V-3, V-10, V-11, V-12, V-13, V-14, V-15, and V-16) were collected across the Site. The sample locations and results are presented on SMP Figure 2.4 in **Appendix A**. The soil vapor samples were collected from vapor points installed in the vadose zone to a depth of 2 or 3 ft-bg. Planned SV sample locations V-4 through V-9 were not installed because they are all in the former LNAPL area, which was subsequently remediated by excavation to bedrock.

A second round of soil vapor samples was collected from February 8 to 11, 2019. SV samples were collected from locations V-1, V-2, V-11, V-12, V-13 and V-14. SESI attempted to collect samples from the remaining locations; however, melting ice and snow caused the vapor points to fill up with water. The soil vapor results were compared to the NYSDOH October 2006 air guideline values, which does not include values for soil vapors.

The soil vapor results showed that benzene was detected in samples V-1 (24 ug/m^3), V-10 (40 ug/m^3) and V-14 (18 ug/m^3). Soil vapor point V-1 is located in the former tennis court area. Soil vapor point V-10 is located south of the former indoor pool and V-14 is located near the western boundary of the BCP area. The compound 1,3-butadiene was also detected in samples V-1 (66 ug/m^3), V-3 (28 ug/m^3), V-11 (53 ug/m^3), V-15 (60 ug/m^3) and V-16 (57 ug/m^3). Soil vapor point V-3 is located beneath the former convention center, V-11 is located at the southeast portion of the BCP and V-15 and V-16 are located in the former ski maintenance area. The results of the soil vapor samples collected from February 8 to February 11, 2019 showed trichlorofluoromethane in all six (6) samples at concentrations ranging from 2,300 ug/m^3 at V-2 to 660,000 ug/m^3 at V-11.

Dichlorodifluoromethane was detected at concentrations ranging from 110 ug/m^3 at V-2 to 680,000 ug/m^3 at V-13. Benzene was detected in soil vapor point V-14 at 16 ug/m^3. The compound 1,3-butadiene was not detected in any of the vapor points sampled in February 2019.

Groundwater Sampling

The Site investigation for groundwater included the installation of five (5) monitoring wells. The results of the groundwater sample showed exceedances to the Class GA AWQS for benzene, ethylbenzene, isopropyl benzene, lead, barium, nickel and beryllium. These wells were abandoned prior to the implementation of the IRM.

Initially, twelve (12) groundwater monitoring wells (MW-201 through MW-212) were installed. The wells were installed to replace the abandoned wells, investigate potential impacts to groundwater from the soil contamination and delineate groundwater contamination upgradient and downgradient from the former, since remediated, boiler room/LNAPL area.

The twelve (12) groundwater monitoring wells (MW-201 through MW-212) were gauged for depth to LNAPL/depth to groundwater after they were installed and developed. A sheen was detected in five (5) monitoring wells (MW-202, MW-203, MW-204, MW-205 and MW-206) located within the boiler room/LNAPL area. Therefore, these five (5) wells located in the former UST/LNAPL area were not sampled. In later sampling events, wells MW-203, MW-204, MW-205 and MW-206 were sampled because there was no LNAPL detected; and MW-202 was destroyed and never sampled. The remaining wells were sampled for TCL/TAL+30, 1-4 dioxane and PFAS in accordance with the RI/IRMWP. During the December 2018 sampling event, one (1) well (MW-207) resulted in exceedances of the AWQS for Freon-12 and Freon-11. There were no other exceedances for any of the other TCL/TAL compounds or 1,4 dioxane in any of the wells. The groundwater sampling results are presented in on SMP Figure 2.8 in **Appendix A**.

Based on the NYSDEC January 10, 2019 comments, three (3) monitoring wells (MW-213, MW-214, and MW-215) were installed at the Site on January 17, 2019. MW-215 was installed in the ski maintenance area to replace MW-1. Two (2) monitoring wells (MW-

216 and MW-217) were installed in July 2019 along the western boundary of the BCP site area for downgradient delineation of the Freon.

An additional round of groundwater samples was collected from the previous and new monitoring wells on January 29, 2019 and from February 6 to February 8, 2019. The samples were analyzed for TCL/TAL+30, and select wells, where PFAS were previously detected, were analyzed also for PFAS. The results of the groundwater samples collected on January 29 and February 6 through 8, 2019 showed Freon-12 and Freon-11 exceedances in well MW-213. No other exceedances of the Groundwater Class GA Effluent Standards were detected in any of the wells sampled. This includes MW-207, which previously had exceedances for Freon-12 and Freon-11.

As a result of the Freon exceedances in well MW-213, on July 10, 2019 two (2) additional monitoring wells (MW-216 and MW-217) were installed to the north of well MW-213 to delineate the northern extent of the Freon plume. The results of the groundwater sampling for wells MW-216 and MW-217 showed Freon 12 and Freon 11 above 5 ug/l in monitoring well MW-216 at concentrations of 48 ug/l and 120 ug/l, respectively. Freon 11 was detected in monitoring well MW-217 at a concentration of 12 ug/L. Freon 12 was not detected in monitoring well MW-217.

The PFAS compounds PFOS and PFOA were detected in well MW-207 at concentrations of 91 and 100 ppt, respectively. PFOS and PFOA are present at a maximum combined concentration of 159 ppt in MW-206 and 191 ppt in MW-217, compared to the current U.S. Environmental Protection Agency HAL of 70 ppt.

2.2.2 DESCRIPTION OF INTERIM REMEDIAL MEASURES

The following IRM were conducted in accordance with the NYSDEC approved RI/IRMWP.

1. Removal of two (2) USTs that were present under the boiler room slab and the clean-up of the resulting LNAPL discharge area.
2. Basin Sediment: Removal of sediments that contained metals exceedances, and excavation around the outlet area until confirmed clean post-excavation samples (which did not exceed the USCOs) were obtained.

3. Stockpile D: Disposal of the stockpiled material and sampling in the stockpile area to confirm removal of all contaminants that exceeded the unrestricted SCOs.
4. Ice Skating Rink: Excavation of the area around SB-14, which contained PAH and VOC exceedances, on a 25-foot radius to a depth of 1-foot. Collection of bottom and side wall samples to document the remedial action.
5. Joy Cottage: Excavation of the area around SB-38, which contained pesticide exceedances, on a 25-foot radius to a depth of 1.5-foot. Collection of bottom and side wall samples to document the remedial action.
6. Ski Maintenance Area: Excavation of the area around SB-16, which had metal exceedances, on a 25-foot radius to depth of 1.5-foot and around SB-41, which had pesticide exceedances, on a 25-foot radius to a depth of 1.5 foot. Collection of bottom and side wall samples to document remedial action.
7. From August 2018 through December 2018, SESI observed Capital Wrecking remove structures on the Site, remove two (2) USTs, and excavate contaminated soil. Air monitoring was conducted in accordance with the Community Air Monitoring Plan.

2.2.3 DESCRIPTION OF REMEDIAL ACTIONS

The site was remediated in accordance with the remedy selected by the NYSDEC in the RI/IRMWP dated October 2018.

The factors considered during the selection of the remedy are those listed in 6NYCRR 375-1.8. The following are the components of the selected remedy:

1. Excavation and off-Site disposal of on-Site soils which exceed USCOs, as defined by 6 NYCRR Part 375-6.8.
2. Closure of the two (2) USTs by removal of all observable LNAPL in soil and weathered shale;
3. Collection and analysis of end-point samples at the bottom and sidewalls of all the excavations to evaluate the remedy by comparing results to the Track 1 USCOs.

4. Execution and recording of an Environmental Easement to restrict the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the NYSDOH or County DOH.

5. Development and implementation of an SMP for long-term management of remaining contamination as required by the Environmental Easement, which includes plans for: (1) Institutional and Engineering Controls, (2) monitoring, (3) operation and maintenance, and (4) reporting.

6. Periodic certification of the institutional and Engineering Controls listed above.

2.2.4 REMOVAL OF CONTAMINATED MATERIALS FROM THE SITE

The remedial excavations removed contaminated soil and other materials to achieve the Track 1 USCOs. The soil was found to contain PAHs such as benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, and indeno(1,2,3-cd)pyrene and the pesticides 4,4'-DDD, 4,4'-DDE and 4,4'-DDT at concentrations above their applicable Track 1 SCOs.

For soil disposal and excavation organization purposes, prior to the soil disposal activities, waste characterization samples were collected in-situ for disposal purposes. The soil samples were collected and analyzed as requested by the disposal facility.

The remediation was considered complete when all excavation post-excavation samples resulted in constituent concentrations below the Track 1 USCOs.

2.2.5 ON-SITE AND OFF-SITE TREATMENT SYSTEMS

No long-term treatment systems were required to be installed as part of the site remedy.

2.2.6 DESCRIPTION OF RESIDUAL CONTAMINATION

Described in Section 3.0 of this report.

2.2.7 MANAGEMENT OF RESIDUAL CONTAMINATION THROUHG INSTITUTIONAL AND ENGINEERING CONTROLS IN THE ENVIRONMENTAL EASEMENT

The SMP lists the ICs and ECs required by the NYSDEC to manage the residual contamination present at this Site to protect public health and the environment in the future and keep the Site safe for reuse. The remedy for the Site did not require the construction of any other Engineering Control systems.

The Site has conditionally achieved a Track 1 remedy. Until that is changed to an unconditional remedy, the Department requires that an EE be placed on the Site to (1) implement, maintain and monitor the Engineering Controls; (2) prevent future exposure to remaining contamination by controlling the use of groundwater; and (3) limit the use and development of the site to residential, restricted residential, commercial and industrial uses. A SMP (December 2019) was prepared by SESI and approved by the NYSDEC for the long-term management and monitoring of the EE requirements.

3.0 REMEDY PERFORMANCE, EFFECTIVENESS, PROTECTIVENESS

The goal of the SMP is to manage the residual contamination at the Site through implementation of ICs until the Department determines that the conditional Track 1 designation can be changed to an unconditional Track 1. At present, SESI is conducting monitoring/inspection of the ICs and ECs on the Site in accordance with the SMP dated December 2019.

Groundwater Monitoring

In order to monitor the effectiveness of the contaminant removal and the Site natural attenuation, an onsite monitoring well network including MW-201, MW-203, MW-204, MW-205, MW-206, MW-207, MW-209, MW-210, MW-211, MW-213, MW-214, MW-216, and MW-217 was sampled for VOCs and PFAS in September 2021, November 2021, and July 2022. Monitoring well MW-208 has been damaged and was not sampled. Monitoring well MW-212 was not sampled in September 2021, November 2021, or July 2022 due to insufficient water levels. Monitoring well MW-209 was not sampled in July 2022 due to insufficient water levels. Monitoring wells MW-201, MW-205, MW-210, and MW-211 were not sampled in the July 2022 sampling event as per the previous recommendation as no exceedances were noted during the previously submitted PRR or the reporting period discussed herein.

The groundwater sampling and purging logs are presented in **Appendix B**. **Table 3.1** presents the groundwater analytical result summary compared to the AWQS. The laboratory data of the sampling events for this monitoring period are presented in **Appendix C**.

Table 3.2 below and **Figure 3.1** presents a summary of VOC exceedances in groundwater. Freon-11 exceedances were detected in groundwater samples collected from monitoring wells MW-213 , MW-216, and MW-217 at concentrations ranging from 5.3 ug/L (MW-216 September 2021) to 62 ug/L (MW-217 November 2021). Freon 11 concentrations detected during the July 2022 sampling event have decreased in MW-213 and MW-217 in comparison with the September 2021 sampling event. No Freon-11 exceedances were detected in monitoring well MW-201, MW-203, MW-204, MW-206, MW-207, MW-210, and MW-211 during this monitoring period.

Freon 12 exceedances were detected in groundwater samples collected from monitoring wells MW-213 and MW-214 at concentrations ranging from 9.9 ug/L (MW-214, July 2022) to 45.0 ug/L (MW-213, November 2021). Freon 12 concentrations detected during the July 2022 sampling event have decreased in MW-213 and MW-14, in comparison with the November 2021 sampling event. No Freon 12 exceedances were detected in monitoring wells MW-201, MW-203, MW-204, MW-206, MW-207, MW-210, MW-211, or MW-217 during this monitoring period.

Table 3.2 Summary of Historical VOC Exceedances in Groundwater

LOCATION			MW-213		MW-213		MW-213		MW-213		MW-213		MW-213		MW-213	
SAMPLING DATE			1/29/2019		3/4/2020		9/2/2020		4/27/2021		9/8/2021		11/19/2021		7/12/2022	
SAMPLE TYPE			Results	Q	WATER		WATER		WATER		WATER		WATER		WATER	
	NY-AWQS	Units			Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
Trichlorofluoromethane (Feaon 11)	5	ug/l	**48**		**71**		**56**		**52**		**48**		**61**		**37**	
Dichlorodifluoromethane (Freon 12)	5	ug/l	**29**		**74**		**40**		**54**		**41**		**45**		**31**	

LOCATION			MW-214		MW-214		MW-214		MW-214		MW-214		MW-214		MW-214	
SAMPLING DATE			1/29/2019		3/4/2020		9/3/2020		4/27/2021		9/9/2021		11/22/2021		7/12/2022	
SAMPLE TYPE			Results	Q	WATER		WATER		WATER		WATER		WATER		WATER	
	NY-AWQS	Units			Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
Trichlorofluoromethane (Feaon 11)	5	ug/l	0.14	U	**10**		**5.1**		**5.4**		1	J	3		2.5	
Dichlorodifluoromethane (Freon 12)	5	ug/l	0.88	J	**27**		**16**		**21**		5	U	**10**		**9.9**	

LOCATION			MW-216		MW-216		MW-216		MW-216		MW-216		MW-216		MW-216	
SAMPLING DATE			7/10/2019		3/6/2020		9/3/2020		4/28/2021		9/8/2021		11/19/2021		7/11/2022	
SAMPLE TYPE			Results	Q	WATER		WATER		WATER		WATER		WATER		WATER	
	NY-AWQS	Units			Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
Trichlorofluoromethane (Feaon 11)	5	ug/l	**120**		**48**		**6.9**		**29**		**5.3**		4.7		**5.5**	
Dichlorodifluoromethane (Freon 12)	5	ug/l	**48**		**15**		**3.9**		**11**		3.6	J	3.5	J	3.6	J

LOCATION			MW-217		MW-217		MW-217		MW-217		MW-217		MW-217		MW-217	
SAMPLING DATE			7/10/2019		3/6/2020		9/3/2020		4/28/2021		9/8/2021		11/19/2021		7/11/2022	
SAMPLE TYPE			Results	Q	WATER		WATER		WATER		WATER		WATER		WATER	
	NY-AWQS	Units			Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
Trichlorofluoromethane (Feaon 11)	5	ug/l	**12**		**22**		**5.6**		**47**		**55**		**62**		**52**	
Dichlorodifluoromethane (Freon 12)	5	ug/l	5	U	5	U	0.31	U	5	U	5	U	5	U	5	U

Notes:

1. Results are shown in micrograms per liter (ug/L)
2. Yellow shading denotes exceedances of NYSDEC AWQS
3. Bold = Compound Detected
4. Q = Qualifier
5. U = Compound Not Detected

Table 3.3 below and **Figure 3.1** presents a summary of PFAS exceedances in groundwater. The PFAS compound PFOS exceedances were detected in monitoring wells MW-203, MW-206, and MW-207, MW-213, MW-214, MW-16, and MW-217 at concentrations ranging from 12.8 ng/L (MW-203 November 2021) to 67.4 ng/L (MW-213 November 2021) during this monitoring period. However, PFOS concentrations declined in July 2022 in MW-203, 204, 206, 207, 213, 214, 216, and 217 in comparison with the September 2021 sampling event and are now below the maximum contaminant level (MCL) of 10 ng/L in MW-203, MW-204, MW-206, MW-207, MW-213, MW-214, MW-216, and MW-17.

The PFAS compound PFOA exceedances were detected in monitoring wells MW-206, MW-213, MW-214, and MW-217 during this monitoring period. PFOA concentrations have declined in July 2022 in monitoring wells MW-203, MW-204, MW-206, MW-207, MW-213, MW-214, MW-216, and MW-217 in comparison with the November 2021 sampling event. In addition, no PFOA exceedances were detected in monitoring wells MW-203, MW-204, or MW-207 during this monitoring period.

Table 3.3 Summary of Historical PFAS Exceedances in Groundwater

LOCATION			MW-203		MW-203		MW-203		MW-203		MW-203		MW-203		MW-203	
SAMPLING DATE			2/7/2019		3/5/2020		9/2/2020		4/28/2021		9/8/2021		11/22/2021		7/11/2022	
SAMPLE TYPE			WATER		WATER		WATER		WATER		WATER		WATER		WATER	
	NY-AWQS	Units	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
Perfluorooctanesulfonic Acid (PFOS)	10	ng/l	37		27.9		25		14.5		18		12.8		0.982	J
Perfluorooctanoic Acid (PFOA)	10	ng/l	22.3		6		5.15		3.26		3.28		1.82	J	1.82	U

LOCATION			MW-204		MW-204		MW-204		MW-204		MW-204		MW-204		MW-204	
SAMPLING DATE			3/5/2020		3/5/2020		9/2/2020		4/27/2021		9/9/2021		11/22/2021		7/11/2022	
SAMPLE TYPE			WATER		WATER		WATER		WATER		WATER		WATER		WATER	
	NY-AWQS	Units	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
Perfluorooctanesulfonic Acid (PFOS)	10	ng/l	5.05		5.05		12.1		4.41		7.56		4.68		1.8	U
Perfluorooctanoic Acid (PFOA)	10	ng/l	2.22		2.22		3.94		1.53	J	1.95		1.28	JF	1.8	U

LOCATION			MW-206		MW-206		MW-206		MW-206		MW-206		MW-206		MW-206	
SAMPLING DATE			2/6/2019		3/5/2020		9/2/2020		4/27/2021		9/9/2021		11/22/2021		7/11/2022	
SAMPLE TYPE			WATER		WATER		WATER		WATER		WATER		WATER		WATER	
	NY-AWQS	Units	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
Perfluorooctanesulfonic Acid (PFOS)	10	ng/l	51.9		47.9		38.7		30.9		32.5		34.1		4.43	
Perfluorooctanoic Acid (PFOA)	10	ng/l	107		25.5		12.1		26		14.6		13.1		1.79	U

LOCATION			MW-207		MW-207		MW-207		MW-207		MW-207		MW-207		MW-207	
SAMPLING DATE			2/6/2019		3/5/2020		9/3/2020		4/27/2021		9/9/2021		11/22/2021		7/11/2022	
SAMPLE TYPE			WATER		WATER		WATER		WATER		WATER		WATER		WATER	
	NY-AWQS	Units	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
Perfluorooctanesulfonic Acid (PFOS)	10	ng/l	34		11.3		22.1		8.36		29.9		17.4		1.5	J
Perfluorooctanoic Acid (PFOA)	10	ng/l	23.4		6.59		5.46		2.2		9.68		3.64		1.8	U

LOCATION			MW-208		MW-208	
SAMPLING DATE			2/7/2019		3/5/2020	
SAMPLE TYPE			WATER		WATER	
	NY-AWQS	Units	Results	Q	Results	Q
Perfluorooctanesulfonic Acid (PFOS)	10	ng/l	17.6		68.2	
Perfluorooctanoic Acid (PFOA)	10	ng/l	10.8		38.2	

LOCATION			MW-213		MW-213		MW-213		MW-213		MW-213		MW-213		MW-213	
SAMPLING DATE			1/29/2019		3/4/2020		9/2/2020		4/27/2021		9/8/2021		11/19/2021		7/12/2022	
SAMPLE TYPE			WATER		WATER		WATER		WATER		WATER		WATER		WATER	
	NY-AWQS	Units	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
Perfluorooctanesulfonic Acid (PFOS)	10	ng/l	91.2		73.4		60.7		70		64.1		67.4		7	
Perfluorooctanoic Acid (PFOA)	10	ng/l	40.4		32.8		26.5		27.7		24		25.4		1.03	J

LOCATION			MW-214		MW-214		MW-214		MW-214		MW-214		MW-214		MW-214	
SAMPLING DATE			1/29/2019		3/4/2020		9/3/2020		4/27/2021		9/9/2021		11/22/2021		7/12/2022	
SAMPLE TYPE			WATER		WATER		WATER		WATER		WATER		WATER		WATER	
	NY-AWQS	Units	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
Perfluorooctanesulfonic Acid (PFOS)	10	ng/l	48.5		47.3		46.6		40.3		30.5		56.2		5.68	
Perfluorooctanoic Acid (PFOA)	10	ng/l	68.6		29.9		25.8		29.5		15.9		24.7		0.826	J

LOCATION			MW-216		MW-216		MW-216		MW-216		MW-216		MW-216		MW-216	
SAMPLING DATE			7/10/2019		3/6/2020		9/3/2020		4/28/2021		9/8/2021		11/19/2021		7/11/2022	
SAMPLE TYPE			WATER		WATER		WATER		WATER		WATER		WATER		WATER	
	NY-AWQS	Units	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
Perfluorooctanesulfonic Acid (PFOS)	10	ng/l	29.4		6.51		24.8		24.9		20.8		15.7		3.75	
Perfluorooctanoic Acid (PFOA)	10	ng/l	17.9		8.18		9.39		10.8		11.7		9.79		1.78	U

LOCATION			MW-217		MW-217		MW-217		MW-217		MW-217		MW-217		MW-217	
SAMPLING DATE			7/10/2019		3/6/2020		9/3/2020		4/28/2021		9/8/2021		11/19/2021		7/11/2022	
SAMPLE TYPE			WATER		WATER		WATER		WATER		WATER		WATER		WATER	
	NY-AWQS	Units	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
Perfluorooctanesulfonic Acid (PFOS)	10	ng/l	17		30		42.1		19.5		38.6		27		2.26	
Perfluorooctanoic Acid (PFOA)	10	ng/l	16.5		15.7		13.8		14.6		21.4		12.8		1.74	U

Notes:

1. Results are shown in micrograms per liter (ug/L)
2. Yellow shading denotes exceedances of NYSDEC PFAS Screening Values
3. Bold = Compound Detected
4. Q = Qualifier
5. U = Compound Not Detected

Soil Vapor

Soil vapor samples were collected from vapor points SMPV-1, SMPV-2, SMPV-3, SMPV-10, SMPV-11, SMPV-13, and SMPV-14 during this monitoring period. SMPV-3 and SMPV-12 were sampled in July 2022 but could not be sampled in September 2021 due to water in the vapor line. **Table 3.4** presents the vapor analytical results. The analytical data are presented in **Appendix D**. The soil vapor locations are depicted in **Figure 3.2**. No comparison has been made to standards as New York State does not have guidance values or standards for VOCs in soil vapor.

As shown on **Table 3.5** below, detections of Freon-11 were identified in vapor points SMPV-1, SMPV-2, SMPV-3, SMPV-10, SMPV-11, SMPV-12, SMPV-13, and SMPV-14 at concentrations ranging from 2.11 ug/m3 (SMPV-3 July 2022) to 1,700 ug/m3 (SMPV-11 July 2022). Freon 11 soil vapor concentrations from the July 2022 sampling event have remained stable and have reached asymptotic levels.

Freon-12 was detected in soil vapor points SMPV-1, SMPV-2, SMPV-3, SMPV-10, SMPV-11, SMPV-12, SMPV-13, and SMPV-14 at concentrations ranging from 2.09 ug/m3 (SMPV-1, September 2021) to 2,950 ug/m3 (SMPV-13, July 2022). Freon-12 soil vapor concentrations have remained stable in comparison with the historical sampling events.

Table 3.5: Summary of Historical Soil Vapor Results

LOCATION	V-1		V-1		SMPV-1		SMPV-1		SMPV-1		SMPV-1	
SAMPLING DATE	12/14/2018		2/11/2019		3/6/2020		4/29/2021		9/20/2021		7/12/2022	
Units ug/m3	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
1,3-Butadiene	**66**		370	U	0.442	U	0.442	U	0.442	U	0.442	U
Benzene	**24**		590	U	**0.811**		**2.37**		**1.65**		**5.24**	
Trichlorofluoromethane (FREON 11)	3.5	U	**380000**	B	**4.24**		**2.56**		**6.57**		**5.9**	
Dichlorodifluoromethane (FREON 12)	9.9	U	2600	U	**3.21**		**2.36**		**2.09**		**3.63**	

LOCATION	V-2		V-2		SMPV-2		SMPV-2		SMPV-2		SMPV-2	
SAMPLING DATE	11/30/2018		2/11/2019		3/6/2020		4/29/2021		9/20/2021		7/12/2022	
Units ug/m3	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
1,3-Butadiene	1.4	U	3.5	U	0.442	U	0.442	U	0.442	U	0.442	U
Benzene	2.3	U	5.6	U	0.639	U	**1.52**		**1.53**		**7.16**	
Trichlorofluoromethane (FREON 11)	**3.5**		**2300**	B	1.12	U	**21.5**		**58.4**		**27.2**	
Dichlorodifluoromethane (FREON 12)	9.9	U	**110**		**2.16**		**2.52**		**2.62**		**3.26**	

LOCATION	V-3		SMPV-3		SMPV-3		SMPV-3	
SAMPLING DATE	12/14/2018		3/6/2020		4/29/2021		7/12/2022	
Units ug/m3	Results	Q	Results	Q	Results	Q	Results	Q
1,3-Butadiene	**28**		0.442	U	0.442	U	0.442	U
Benzene	**5.1**	J	0.639	U	**2.87**		0.639	U
Trichlorofluoromethane (FREON 11)	**26**		**3.2**		**1.21**		**2.11**	
Dichlorodifluoromethane (FREON 12)	**140**		**4.84**		**2.34**		**3.89**	

LOCATION	V-10		SMPV-10		SMPV-10		SMPV-10		SMPV-10	
SAMPLING DATE	11/30/2018		3/6/2020		4/28/2021		9/20/2021		7/12/2022	
Units ug/m3	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
1,3-Butadiene	1.4	U	0.442	U	0.442	U	0.442	U	0.442	U
Benzene	**40**		**1.09**		**1.9**		0.639	U	**8.79**	
Trichlorofluoromethane (FREON 11)	3.5	U	**111**		**21.5**		**7.81**		**43.9**	
Dichlorodifluoromethane (FREON 12)	9.9	U	**73.2**		**8.41**		**2.67**		**10.3**	

LOCATION	V-11		V-11		SMPV-11		SMPV-11		SMPV-11		SMPV-11	
SAMPLING DATE	12/13/2018		2/11/2019		3/6/2020		4/28/2021		9/20/2021		7/12/2022	
Units ug/m3	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
1,3-Butadiene	**53**		510	U	0.442	U	0.442	U	0.442	U	2.21	U
Benzene	**11**		810	U	**0.652**		**2.87**		0.639	U	**21.2**	
Trichlorofluoromethane (FREON 11)	**62**		**660000**	B	**9.72**		**238**		**1210**		**1700**	
Dichlorodifluoromethane (FREON 12)	9.9	U	3500	U	**2.52**		**2.24**		**2.38**		4.94	U

LOCATION	V-12		V-12		SMPV-12		SMPV-12	
SAMPLING DATE	11/30/2018		2/11/2019		3/6/2020		7/12/2022	
Units ug/m3	Results	Q	Results	Q	Results	Q	Results	Q
1,3-Butadiene	1.4	U	5.7	U	0.442	U	0.442	U
Benzene	2.3	U	5.7	U	0.639	U	**6.9**	
Trichlorofluoromethane (FREON 11)	3.5	U	**5300**	B	**1.82**		**3.53**	
Dichlorodifluoromethane (FREON 12)	9.9	U	25	U	**2.73**		**2.8**	

LOCATION	V-13		SMPV-13		SMPV-13		SMPV-13		SMPV-13	
SAMPLING DATE	11/30/2018		3/6/2020		4/28/2021		9/20/2021		7/12/2022	
Units ug/m3	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
1,3-Butadiene	0.14	U	**0.878**		0.442	U	0.442	U	0.923	U
Benzene	0.23	U	0.639	U	**1.38**		**0.984**		**10.4**	
Trichlorofluoromethane (FREON 11)	**13**		**48.7**		**105**		**91**		**691**	
Dichlorodifluoromethane (FREON 12)	**69**		**285**		**376**		**96.9**		**2950**	

LOCATION	V-14		V-14		SMPV-14		SMPV-14		SMPV-14		SMPV-14	
SAMPLING DATE	11/30/2018		2/11/2019		3/6/2020		4/28/2021		9/20/2021		7/12/2022	
Units ug/m3	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
1,3-Butadiene	1.4	U	5	U	0.442	U	0.442	U	0.442	U	0.442	U
Benzene	**18**		**16**	J	**1.51**		**0.834**		**0.958**		**6.23**	
Trichlorofluoromethane (FREON 11)	**4.5**	J	**4600**	B	**826**		**447**		**72.5**		**181**	
Dichlorodifluoromethane (FREON 12)	**21**	J	**1400**		**82.1**		**10.6**		**3.16**		**40.5**	

Notes:

1. Results are shown in micrograms per cubic meter (ug/m3)
2. Bold = Compound Detected
3. Q = Qualifier
4. U = Compound Not Detected
5. J = concentration estimated

4.0 IC/EC PLAN COMPLIANCE

4.1 IC/EC REQUIREMENTS AND COMPLIANCE

Institutional and Engineering Controls

The Site remedy requires that an EE be placed on the property to (1) implement, maintain and monitor the Institutional and Engineering Controls; (2) prevent future exposure to remaining contamination by controlling the use of groundwater; and (3) limit the use and development of the site to residential, restricted residential, commercial and industrial uses. An SMP (December 2019) was prepared by SESI and approved by the NYSDEC for the long-term management and monitoring of the EE requirements.

A series of ICs is required to prevent future exposure to remaining contamination. Adherence to these ICs on the Site is required and will be implemented under this SMP. The IC boundaries are shown on SMP Figure 3.1. These ICs are:

- The property may be used for residential, restricted residential, commercial, and industrial use;
- The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the Sullivan County Department of Health to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department.
- Data and information pertinent to site management must be reported at the frequency and in a manner as defined in this SMP; all ECs must be inspected at a frequency and in a manner defined in the SMP.
- Access to the Site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by the Environmental Easement; and
- The potential for vapor intrusion must be evaluated for any buildings developed in the area within the IC boundaries noted on SMP Figure 3.1, and any potential impacts that are identified must be monitored or mitigated.

Criteria for Completion of Remediation/Termination of Remedial Systems

Generally, remedial processes are considered completed when monitoring indicates that the remedy has achieved the remedial action objectives identified by the decision document. The framework for determining when remedial processes are complete is provided in Section 6.4 of NYSDEC Division of Environmental Remediation (DER-10) Technical Guidance for Site Investigation and Remediation (May 3, 2010).

Monitoring Wells Associated with Monitored Natural Attenuation

Groundwater monitoring activities to assess natural attenuation will continue as determined by the NYSDEC, with consultation with NYSDOH, until residual concentrations of the dissolved phase Freon in groundwater are found to be consistently below ambient water quality standards, the Site Standards, Criteria and Guidelines, or have become asymptotic at an acceptable level over an extended period. In the event that monitoring data indicates that monitoring for natural attenuation may no longer be required, a proposal to discontinue the system will be submitted by the remedial party. Monitoring will continue until permission to discontinue is granted in writing by the NYSDEC. If Freon levels in groundwater become asymptotic at a level that is not acceptable to the NYSDEC, additional source removal, treatment and/or control measures will be evaluated.

Soil Vapor Intrusion Evaluation

A soil vapor intrusion evaluation must be performed upon a change in use of the property that will result in occupancy of a previously unoccupied building or initial occupancy of a new building. Upon completion of the evaluation, if an action is required, any actions taken or to be taken must be reflected in an updated SMP.

4.2 IC/EC CERTIFICATION

The NYSDEC Institutional and Engineering Controls Certification Form has been completed and is included in **Appendix E**.

5.0 MONITORING PLAN COMPLIANCE

Monitoring Completed During Current Reporting Period

Table 5.1: SMP Monitoring Frequency Requirements

Task/Report	Reporting Frequency
Inspection Report	NA
Groundwater monitoring and sampling	Quarterly: March, June, September and December
Soil Vapor Sampling	Semi-annually
Periodic Review Report	Annually, or as otherwise determined by the Department

Groundwater Monitoring

Groundwater samples were collected from monitoring wells MW-201, MW-203, MW-204, MW-205, MW-206, MW-207, MW-210, MW-211, MW-213, MW-214, MW-216, and MW-217 in accordance with the SMP. However, samples were not obtained from the first quarter of 2022 due to excessive snow restricting safe access to the Site. Groundwater samples were collected during the July 2022 and presented herein. Groundwater samples were analyzed for VOCs and PFAS as described in Section 3.0.

Soil Vapor Monitoring

Soil vapor samples were collected from vapor points SMPV-1, SMPV-2, SMPV-3, SMPV-10, SMPV-12, SMPV-11, SMPV-13, and SMPV-14 in September 2021 and July 2022 in accordance with the SMP.

Comparison with Remedial Objectives

Groundwater

As discussed in Section 3 of this report, Freon-11 exceedances were detected in groundwater samples collected from monitoring wells MW-213, MW-216, and MW-217 during this monitoring period, but are showing decreasing trends that have reached asymptotic levels in these wells. No Freon-11 exceedances were detected in monitoring well MW-201, MW-203, MW-204, MW-206, MW-207, MW-210, and MW-211 during this monitoring period.

Freon 12 exceedances were detected in groundwater samples collected from monitoring wells MW-213 and MW-214 during this reporting period, but are showing decreasing trends and have reached asymptotic levels in these wells. No Freon 12 exceedances were detected in monitoring wells MW-201, MW-203, MW-204, MW-206, MW-207, MW-210, MW-211, or MW-217 during this monitoring period.

The PFAS compound PFOS exceedances were detected in monitoring wells MW-203, MW-206, and MW-207, MW-213, MW-214, MW-216, and MW-217 but are showing decreasing trends at concentrations that are below the MLC or have reached asymptotic levels.

The PFAS compound PFOA exceedances were detected in monitoring wells MW-206, MW-213, MW-214, and MW-217 during this monitoring period, but are showing decreasing trends at concentrations that are below the MLC or have reached asymptotic levels. In addition, no PFOA exceedances were detected in monitoring wells MW-203, MW-204, or MW-207 during this monitoring period.

Soil Vapor

As discussed in Section 3 of this report Freon-11 were identified in vapor points SMPV-1, SMPV-2, SMPV-3, SMPV-10, SMPV-11, SMPV-12, SMPV-13, and SMPV-14 and Freon-12 was detected in soil vapor points SMPV-1, SMPV-2, SMPV-3, SMPV-10, SMPV-11, SMPV-12, SMPV-13, and SMPV-14. The soil vapor concentrations have remained stable in comparison with the historical sampling events.

Monitoring Deficiencies

All aspects of the monitoring plan were in accordance with NYSDEC applicable regulations.

Conclusions and Recommendations

All aspects of the remedial program appear to be meeting the site remedy design goal.

We recommend the following for the next reporting period:

- Groundwater monitoring wells MW-203, MW-204, MW-206, MW-207, MW-213, MW-214, MW-216, and MW-217 have reached asymptotic concentrations at or near the AWQS. In addition, there were no exceedances of the AWQSs in monitoring wells MW-201, MW-205, MW-210, or MW-211 during this monitoring period. Therefore, SESI recommends no further groundwater sampling.
- Soil vapor monitoring of the onsite vapor monitoring points shows that the soil vapor concentrations have reached asymptotic concentrations. New York State does not have guidance values or standards for VOCs in soil vapor. SESI recommends no further vapor sampling at this time. A soil vapor intrusion evaluation can be conducted when the Site is developed.
- For these reasons, the Site meets the standard for an unconditional Track 1 Remedy. The Department should authorize the EE and SMP to be terminated.

6.0 OPERATION AND MAINTENANCE PLAN COMPLIANCE

The site remedy does not rely on any mechanical systems, such as sub-slab depressurization systems or air sparge/ soil vapor extraction systems, to protect public health and the environment. Therefore, the operation and maintenance of such components is not applicable.

7.0 CONCLUSIONS AND RECOMMENDATIONS

Compliance with the SMP

All aspects of the SMP, including IC/EC and monitoring, have met the requirements. The O&M is not required at this time for the site.

There are no new exposure pathways resulting in an unacceptable risk.

Performance and Effectiveness of the Remedy

The sampling of the monitoring well network is determining the effectiveness of the Site's ability to naturally degrade the contaminants of concern in groundwater.

Future PRR Submittals

If still required, the next PRR will be submitted in May 2023.

Recommendations

All aspects of the remedial program appear to be meeting the site remedy design goal.

We recommend the following for the next reporting period:

- Groundwater monitoring wells MW-203, MW-204, MW-206, MW-207, MW-213, MW-214, MW-216, and MW-217 have reached asymptotic concentrations at or near the AWQS. In addition, there were no exceedances of the AWQSs in monitoring wells MW-201, MW-205, MW-210, or MW-211 during this monitoring period. Therefore, SESI recommends no further groundwater sampling.
- Soil vapor monitoring of the onsite vapor monitoring points shows that the soil vapor concentrations have reached asymptotic concentrations. New York State does not have soil vapor guidance values for soil vapor. SESI recommends no further vapor sampling at this time. A soil vapor intrusion evaluation can be conducted when the Site is developed.
- For these reasons, the Site meets the standard for an unconditional Track 1 Remedy. The Department should authorize the EE and SMP to be terminated.

Tables

TABLE 3.1
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
FORMER GROSSINERS RESORT, LIBERTY NEW YORK

LOCATION				MW-201		MW-201		MW-201		MW-201		MW-201		MW-203		MW-203	
SAMPLING DATE				3/6/2020		9/3/2020		4/28/2021		9/8/2021		11/19/2021		3/5/2020		4/28/2021	
LAB SAMPLE ID				L2010346-05		460-217659-1		L2121852-01		L2148182-01		L2164321-01		L2010093-01		L2121852-02	
SAMPLE TYPE				WATER		WATER		WATER		WATER		WATER		WATER		WATER	
	CasNum	NY-AWQS	Units	Results	Q	Results	Q	Results	Q	Results	Q	Results	Qual	Results	Q	Results	Q
Volatile Organics by GC/MS																	
Ethylbenzene	100-41-4	5	ug/l	2.5	U	0.3	U	2.5	U	2.5	U	2.5	U	2.5	U	**3.1**	
Styrene	100-42-5	5	ug/l	2.5	U	0.42	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	0.5	U	0.22	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
trans-1,3-Dichloropropene	10061-02-6	0.4	ug/l	0.5	U	0.49	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
n-Propylbenzene	103-65-1	5	ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U	**0.95**	**J**
n-Butylbenzene	104-51-8	5	ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
p-Diethylbenzene	105-05-5		ug/l	2	U	-		2	U	2	U	2	U	2	U	2	U
p-Chlorotoluene	106-43-4	5	ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dichlorobenzene	106-46-7	3	ug/l	2.5	U	0.33	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromoethane	106-93-4	0.0006	ug/l	2	U	0.5	U	2	U	2	U	2	U	2	U	2	U
1,2-Dichloroethane	107-06-2	0.6	ug/l	0.5	U	0.43	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Acrylonitrile	107-13-1	5	ug/l	5	U	-		5	U	5	U	5	U	5	U	5	U
Vinyl acetate	108-05-4		ug/l	5	U	-		5	U	5	U	5	U	5	U	5	U
4-Methyl-2-pentanone	108-10-1		ug/l	5	U	1.3	U	5	U	5	U	5	U	5	U	5	U
1,3,5-Trimethylbenzene	108-67-8	5	ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Bromobenzene	108-86-1	5	ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Toluene	108-88-3	5	ug/l	2.5	U	0.38	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Chlorobenzene	108-90-7	5	ug/l	2.5	U	0.38	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,4-Dichloro-2-butene	110-57-6	5	ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	2.5	U	0.37	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dioxane	123-91-1		ug/l	250	U	28	U	250	U	250	U	250	U	250	U	250	U
Dibromochloromethane	124-48-1	50	ug/l	0.5	U	0.28	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Tetrachloroethene	127-18-4	5	ug/l	0.5	U	0.25	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Xylenes, Total	1330-20-7		ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U	**1**	**J**
sec-Butylbenzene	135-98-8	5	ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,3-Dichloropropane	142-28-9	5	ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	156-59-2	5	ug/l	2.5	U	0.22	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,2-Dichloroethene	156-60-5	5	ug/l	2.5	U	0.24	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Methyl tert butyl ether	1634-04-4	10	ug/l	2.5	U	0.47	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
p/m-Xylene	179601-23-1	5	ug/l	2.5	U	0.3	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethene, Total	540-59-0		ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,3-Dichlorobenzene	541-73-1	3	ug/l	2.5	U	0.34	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,3-Dichloropropene, Total	542-75-6		ug/l	0.5	U	-		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Carbon tetrachloride	56-23-5	5	ug/l	0.5	U	0.21	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloropropene	563-58-6	5	ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
2-Hexanone	591-78-6	50	ug/l	5	U	1.1	U	5	U	5	U	5	U	5	U	5	U
2,2-Dichloropropane	594-20-7	5	ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Ethyl ether	60-29-7		ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
p-Ethyltoluene	622-96-8		ug/l	2	U	-		2	U	2	U	2	U	2	U	2	U
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Acetone	67-64-1	50	ug/l	5	U	4.4	U	5	U	5	U	5	U	5	U	5	U
Chloroform	67-66-3	7	ug/l	2.5	U	0.33	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Benzene	71-43-2	1	ug/l	0.5	U	0.2	U	0.5	U	0.5	U	0.5	U	0.5	U	**0.27**	**J**
1,1,1-Trichloroethane	71-55-6	5	ug/l	2.5	U	0.24	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U

TABLE 3.1
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
FORMER GROSSINERS RESORT, LIBERTY NEW YORK

LOCATION				MW-201		MW-201		MW-201		MW-201		MW-201		MW-203		MW-203	
SAMPLING DATE				3/6/2020		9/3/2020		4/28/2021		9/8/2021		11/19/2021		3/5/2020		4/28/2021	
LAB SAMPLE ID				L2010346-05		460-217659-1		L2121852-01		L2148182-01		L2164321-01		L2010093-01		L2121852-02	
SAMPLE TYPE				WATER		WATER		WATER		WATER		WATER		WATER		WATER	
	CasNum	NY-AWQS	Units	Results	Q	Results	Q	Results	Q	Results	Q	Results	Qual	Results	Q	Results	Q
Bromomethane	74-83-9	5	ug/l	2.5	U	0.55	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Chloromethane	74-87-3		ug/l	2.5	U	**0.44**	**J**	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Dibromomethane	74-95-3	5	ug/l	5	U	-		5	U	5	U	5	U	5	U	5	U
Bromochloromethane	74-97-5	5	ug/l	2.5	U	0.41	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Chloroethane	75-00-3	5	ug/l	2.5	U	0.32	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Vinyl chloride	75-01-4	2	ug/l	1	U	0.17	U	1	U	1	U	1	U	1	U	1	U
Methylene chloride	75-09-2	5	ug/l	2.5	U	0.32	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Carbon disulfide	75-15-0	60	ug/l	5	U	0.82	U	5	U	5	U	5	U	5	U	5	U
Bromoform	75-25-2	50	ug/l	2	U	0.54	U	2	U	2	U	2	U	2	U	2	U
Bromodichloromethane	75-27-4	50	ug/l	0.5	U	0.34	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloroethane	75-34-3	5	ug/l	2.5	U	0.26	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,1-Dichloroethene	75-35-4	5	ug/l	0.5	U	0.26	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trichlorofluoromethane	75-69-4	5	ug/l	2.5	U	0.32	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Dichlorodifluoromethane	75-71-8	5	ug/l	5	U	0.31	U	5	U	5	U	5	U	5	U	5	U
1,2-Dichloropropane	78-87-5	1	ug/l	1	U	0.35	U	1	U	1	U	1	U	1	U	1	U
2-Butanone	78-93-3	50	ug/l	5	U	1.9	U	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloroethane	79-00-5	1	ug/l	1.5	U	0.43	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
Trichloroethene	79-01-6	5	ug/l	0.5	U	0.31	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	0.5	U	0.37	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	2.5	U	0.36	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Hexachlorobutadiene	87-68-3	0.5	ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Naphthalene	91-20-3	10	ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
o-Xylene	95-47-6	5	ug/l	2.5	U	0.36	U	2.5	U	2.5	U	2.5	U	2.5	U	**1**	**J**
o-Chlorotoluene	95-49-8	5	ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichlorobenzene	95-50-1	3	ug/l	2.5	U	0.43	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trimethylbenzene	95-63-6	5	ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U	**2.5**	
1,2,4,5-Tetramethylbenzene	95-93-2	5	ug/l	2	U	-		2	U	2	U	2	U	2	U	**1.1**	**J**
1,2-Dibromo-3-chloropropane	96-12-8	0.04	ug/l	2.5	U	0.38	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
tert-Butylbenzene	98-06-6	5	ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Isopropylbenzene	98-82-8	5	ug/l	2.5	U	0.34	U	2.5	U	2.5	U	2.5	U	2.5	U	**0.87**	**J**
p-Isopropyltoluene	99-87-6	5	ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U	2.5	U

TABLE 3.1
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
FORMER GROSSINERS RESORT, LIBERTY NEW YORK

LOCATION				MW-203		MW-203		MW-203		MW-204		MW-204		MW-204		MW-204	
SAMPLING DATE				9/8/2021		11/22/2021		7/11/2022		3/5/2020		4/27/2021		9/9/2021		11/22/2021	
LAB SAMPLE ID				L2148182-02		L2164698-04		L2236815-01		L2010093-02		L2121570-05		L2148526-01		L2164698-05	
SAMPLE TYPE				WATER		WATER		WATER		WATER		WATER		WATER		WATER	
	CasNum	NY-AWQS	Units	Results	Q	Results	Qual	Results	Qua	Results	Q	Results	Q	Results	Q	Results	Qua
Volatile Organics by GC/MS																	
Ethylbenzene	100-41-4	5	ug/l	2.5	U	4.7		1.7	J	2.5	U	2.5	U	2.5	U	2.5	U
Styrene	100-42-5	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
trans-1,3-Dichloropropene	10061-02-6	0.4	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
n-Propylbenzene	103-65-1	5	ug/l	2.5	U	1.5	J	1.2	J	2.5	U	2.5	U	2.5	U	2.5	U
n-Butylbenzene	104-51-8	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
p-Diethylbenzene	105-05-5		ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U
p-Chlorotoluene	106-43-4	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dichlorobenzene	106-46-7	3	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromoethane	106-93-4	0.0006	ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U
1,2-Dichloroethane	107-06-2	0.6	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Acrylonitrile	107-13-1	5	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Vinyl acetate	108-05-4		ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-Methyl-2-pentanone	108-10-1		ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,3,5-Trimethylbenzene	108-67-8	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Bromobenzene	108-86-1	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Toluene	108-88-3	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Chlorobenzene	108-90-7	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,4-Dichloro-2-butene	110-57-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dioxane	123-91-1		ug/l	250	U	250	U	250	U	250	U	250	U	250	U	250	U
Dibromochloromethane	124-48-1	50	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Tetrachloroethene	127-18-4	5	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Xylenes, Total	1330-20-7		ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
sec-Butylbenzene	135-98-8	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,3-Dichloropropane	142-28-9	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	156-59-2	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,2-Dichloroethene	156-60-5	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Methyl tert butyl ether	1634-04-4	10	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
p/m-Xylene	179601-23-1	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethene, Total	540-59-0		ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,3-Dichlorobenzene	541-73-1	3	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,3-Dichloropropene, Total	542-75-6		ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Carbon tetrachloride	56-23-5	5	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloropropene	563-58-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
2-Hexanone	591-78-6	50	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,2-Dichloropropane	594-20-7	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Ethyl ether	60-29-7		ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
p-Ethyltoluene	622-96-8		ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Acetone	67-64-1	50	ug/l	5	U	5	U	5	U	5	U	5	U	1.7	J	5	U
Chloroform	67-66-3	7	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Benzene	71-43-2	1	ug/l	0.5	U	0.5	U	0.28	J	0.5	U	0.5	U	0.5	U	0.5	U
1,1,1-Trichloroethane	71-55-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U

TABLE 3.1
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
FORMER GROSSINERS RESORT, LIBERTY NEW YORK

LOCATION				MW-203		MW-203		MW-203		MW-204		MW-204		MW-204		MW-204	
SAMPLING DATE				9/8/2021		11/22/2021		7/11/2022		3/5/2020		4/27/2021		9/9/2021		11/22/2021	
LAB SAMPLE ID				L2148182-02		L2164698-04		L2236815-01		L2010093-02		L2121570-05		L2148526-01		L2164698-05	
SAMPLE TYPE				WATER		WATER		WATER		WATER		WATER		WATER		WATER	
	CasNum	NY-AWQS	Units	Results	Q	Results	Qual	Results	Qua	Results	Q	Results	Q	Results	Q	Results	Qua
Bromomethane	74-83-9	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Chloromethane	74-87-3		ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Dibromomethane	74-95-3	5	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Bromochloromethane	74-97-5	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Chloroethane	75-00-3	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Vinyl chloride	75-01-4	2	ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Methylene chloride	75-09-2	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Carbon disulfide	75-15-0	60	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Bromoform	75-25-2	50	ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Bromodichloromethane	75-27-4	50	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloroethane	75-34-3	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,1-Dichloroethene	75-35-4	5	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trichlorofluoromethane	75-69-4	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Dichlorodifluoromethane	75-71-8	5	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dichloropropane	78-87-5	1	ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U
2-Butanone	78-93-3	50	ug/l	5	U	5	U	5	U	5	U	5	U	2.1	J	5	U
1,1,2-Trichloroethane	79-00-5	1	ug/l	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
Trichloroethene	79-01-6	5	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Hexachlorobutadiene	87-68-3	0.5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Naphthalene	91-20-3	10	ug/l	2.5	U	0.87	J	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
o-Xylene	95-47-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
o-Chlorotoluene	95-49-8	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichlorobenzene	95-50-1	3	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trimethylbenzene	95-63-6	5	ug/l	2.5	U	2.4	J	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4,5-Tetramethylbenzene	95-93-2	5	ug/l	0.58	J	0.61	J	1	J	2	U	2	U	2	U	2	U
1,2-Dibromo-3-chloropropane	96-12-8	0.04	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
tert-Butylbenzene	98-06-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Isopropylbenzene	98-82-8	5	ug/l	2.5	U	0.89	J	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
p-Isopropyltoluene	99-87-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U

TABLE 3.1
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
FORMER GROSSINERS RESORT, LIBERTY NEW YORK

LOCATION				MW-204		MW-205		MW-205		MW-205		MW-205		MW-206		MW-206	
SAMPLING DATE				7/11/2022		3/5/2020		4/27/2021		9/9/2021		11/19/2021		3/5/2020		4/27/2021	
LAB SAMPLE ID				L2236815-02		L2010093-03		L2121570-06		L2148526-02		L2164321-02		L2010093-04		L2121570-04	
SAMPLE TYPE				WATER		WATER		WATER		WATER		WATER		WATER		WATER	
	CasNum	NY-AWQS	Units	Results	Qua	Results	Q	Results	Q	Results	Q	Results	Qua	Results	Q	Results	Q
Volatile Organics by GC/MS																	
Ethylbenzene	100-41-4	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Styrene	100-42-5	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
trans-1,3-Dichloropropene	10061-02-6	0.4	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
n-Propylbenzene	103-65-1	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
n-Butylbenzene	104-51-8	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
p-Diethylbenzene	105-05-5		ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U
p-Chlorotoluene	106-43-4	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dichlorobenzene	106-46-7	3	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromoethane	106-93-4	0.0006	ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U
1,2-Dichloroethane	107-06-2	0.6	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Acrylonitrile	107-13-1	5	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Vinyl acetate	108-05-4		ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-Methyl-2-pentanone	108-10-1		ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,3,5-Trimethylbenzene	108-67-8	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Bromobenzene	108-86-1	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Toluene	108-88-3	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Chlorobenzene	108-90-7	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,4-Dichloro-2-butene	110-57-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dioxane	123-91-1		ug/l	250	U	250	U	250	U	250	U	250	U	250	U	250	U
Dibromochloromethane	124-48-1	50	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Tetrachloroethene	127-18-4	5	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Xylenes, Total	1330-20-7		ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
sec-Butylbenzene	135-98-8	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,3-Dichloropropane	142-28-9	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	156-59-2	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,2-Dichloroethene	156-60-5	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Methyl tert butyl ether	1634-04-4	10	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
p/m-Xylene	179601-23-1	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethene, Total	540-59-0		ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,3-Dichlorobenzene	541-73-1	3	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,3-Dichloropropene, Total	542-75-6		ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Carbon tetrachloride	56-23-5	5	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloropropene	563-58-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
2-Hexanone	591-78-6	50	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,2-Dichloropropane	594-20-7	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Ethyl ether	60-29-7		ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
p-Ethyltoluene	622-96-8		ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Acetone	67-64-1	50	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Chloroform	67-66-3	7	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Benzene	71-43-2	1	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,1-Trichloroethane	71-55-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U

TABLE 3.1
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
FORMER GROSSINERS RESORT, LIBERTY NEW YORK

LOCATION				MW-204		MW-205		MW-205		MW-205		MW-205		MW-206		MW-206	
SAMPLING DATE				7/11/2022		3/5/2020		4/27/2021		9/9/2021		11/19/2021		3/5/2020		4/27/2021	
LAB SAMPLE ID				L2236815-02		L2010093-03		L2121570-06		L2148526-02		L2164321-02		L2010093-04		L2121570-04	
SAMPLE TYPE				WATER		WATER		WATER		WATER		WATER		WATER		WATER	
	CasNum	NY-AWQS	Units	Results	Qua	Results	Q	Results	Q	Results	Q	Results	Qua	Results	Q	Results	Q
Bromomethane	74-83-9	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Chloromethane	74-87-3		ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Dibromomethane	74-95-3	5	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Bromochloromethane	74-97-5	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Chloroethane	75-00-3	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Vinyl chloride	75-01-4	2	ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Methylene chloride	75-09-2	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Carbon disulfide	75-15-0	60	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Bromoform	75-25-2	50	ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Bromodichloromethane	75-27-4	50	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloroethane	75-34-3	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,1-Dichloroethene	75-35-4	5	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trichlorofluoromethane	75-69-4	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Dichlorodifluoromethane	75-71-8	5	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	**1.4**	**J**
1,2-Dichloropropane	78-87-5	1	ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U
2-Butanone	78-93-3	50	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloroethane	79-00-5	1	ug/l	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
Trichloroethene	79-01-6	5	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Hexachlorobutadiene	87-68-3	0.5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Naphthalene	91-20-3	10	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
o-Xylene	95-47-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
o-Chlorotoluene	95-49-8	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichlorobenzene	95-50-1	3	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trimethylbenzene	95-63-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4,5-Tetramethylbenzene	95-93-2	5	ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U
1,2-Dibromo-3-chloropropane	96-12-8	0.04	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
tert-Butylbenzene	98-06-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Isopropylbenzene	98-82-8	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
p-Isopropyltoluene	99-87-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U

TABLE 3.1
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
FORMER GROSSINERS RESORT, LIBERTY NEW YORK

LOCATION				MW-206		MW-206		MW-206		MW-207		MW-207		MW-207		MW-207	
SAMPLING DATE				9/9/2021		11/22/2021		7/11/2022		3/5/2020		9/3/2020		4/27/2021		9/9/2021	
LAB SAMPLE ID				L2148526-03		L2164698-01		L2236815-03		L2010093-06		460-217659-2		L2121570-03		L2148526-04	
SAMPLE TYPE				WATER		WATER		WATER		WATER		WATER		WATER		WATER	
	CasNum	NY-AWQS	Units	Results	Q	Results	Qua	Results	Qua	Results	Q	Results	Q	Results	Q	Results	Q
Volatile Organics by GC/MS																	
Ethylbenzene	100-41-4	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	0.3	U	2.5	U	2.5	U
Styrene	100-42-5	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	0.42	U	2.5	U	2.5	U
cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.22	U	0.5	U	0.5	U
trans-1,3-Dichloropropene	10061-02-6	0.4	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.49	U	0.5	U	0.5	U
n-Propylbenzene	103-65-1	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U
n-Butylbenzene	104-51-8	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U
p-Diethylbenzene	105-05-5		ug/l	2	U	2	U	2	U	2	U	-		2	U	2	U
p-Chlorotoluene	106-43-4	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U
1,4-Dichlorobenzene	106-46-7	3	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	0.33	U	2.5	U	2.5	U
1,2-Dibromoethane	106-93-4	0.0006	ug/l	2	U	2	U	2	U	2	U	0.5	U	2	U	2	U
1,2-Dichloroethane	107-06-2	0.6	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.43	U	0.5	U	0.5	U
Acrylonitrile	107-13-1	5	ug/l	5	U	5	U	5	U	5	U	-		5	U	5	U
Vinyl acetate	108-05-4		ug/l	5	U	5	U	5	U	5	U	-		5	U	5	U
4-Methyl-2-pentanone	108-10-1		ug/l	5	U	5	U	5	U	5	U	1.3	U	5	U	5	U
1,3,5-Trimethylbenzene	108-67-8	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U
Bromobenzene	108-86-1	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U
Toluene	108-88-3	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	0.38	U	2.5	U	2.5	U
Chlorobenzene	108-90-7	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	0.38	U	2.5	U	2.5	U
trans-1,4-Dichloro-2-butene	110-57-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	0.37	U	2.5	U	2.5	U
1,4-Dioxane	123-91-1		ug/l	250	U	250	U	250	U	250	U	28	U	250	U	250	U
Dibromochloromethane	124-48-1	50	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.28	U	0.5	U	0.5	U
Tetrachloroethene	127-18-4	5	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.25	U	0.5	U	0.5	U
Xylenes, Total	1330-20-7		ug/l	2.5	U	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U
sec-Butylbenzene	135-98-8	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U
1,3-Dichloropropane	142-28-9	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U
cis-1,2-Dichloroethene	156-59-2	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	0.22	U	2.5	U	2.5	U
trans-1,2-Dichloroethene	156-60-5	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	0.24	U	2.5	U	2.5	U
Methyl tert butyl ether	1634-04-4	10	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	0.47	U	2.5	U	2.5	U
p/m-Xylene	179601-23-1	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	0.3	U	2.5	U	2.5	U
1,2-Dichloroethene, Total	540-59-0		ug/l	2.5	U	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U
1,3-Dichlorobenzene	541-73-1	3	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	0.34	U	2.5	U	2.5	U
1,3-Dichloropropene, Total	542-75-6		ug/l	0.5	U	0.5	U	0.5	U	0.5	U	-		0.5	U	0.5	U
Carbon tetrachloride	56-23-5	5	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.21	U	0.5	U	0.5	U
1,1-Dichloropropene	563-58-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U
2-Hexanone	591-78-6	50	ug/l	5	U	5	U	5	U	5	U	1.1	U	5	U	5	U
2,2-Dichloropropane	594-20-7	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U
Ethyl ether	60-29-7		ug/l	2.5	U	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U
p-Ethyltoluene	622-96-8		ug/l	2	U	2	U	2	U	2	U	-		2	U	2	U
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U
Acetone	67-64-1	50	ug/l	5	U	5	U	5	U	5	U	4.4	U	5	U	5	U
Chloroform	67-66-3	7	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	0.33	U	2.5	U	2.5	U
Benzene	71-43-2	1	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.2	U	0.5	U	0.5	U
1,1,1-Trichloroethane	71-55-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	0.24	U	2.5	U	2.5	U

TABLE 3.1
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
FORMER GROSSINERS RESORT, LIBERTY NEW YORK

LOCATION				MW-206		MW-206		MW-206		MW-207		MW-207		MW-207		MW-207	
SAMPLING DATE				9/9/2021		11/22/2021		7/11/2022		3/5/2020		9/3/2020		4/27/2021		9/9/2021	
LAB SAMPLE ID				L2148526-03		L2164698-01		L2236815-03		L2010093-06		460-217659-2		L2121570-03		L2148526-04	
SAMPLE TYPE				WATER		WATER		WATER		WATER		WATER		WATER		WATER	
	CasNum	NY-AWQS	Units	Results	Q	Results	Qua	Results	Qua	Results	Q	Results	Q	Results	Q	Results	Q
Bromomethane	74-83-9	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	0.55	U	2.5	U	2.5	U
Chloromethane	74-87-3		ug/l	2.5	U	2.5	U	2.5	U	2.5	U	**0.41**	**J**	2.5	U	2.5	U
Dibromomethane	74-95-3	5	ug/l	5	U	5	U	5	U	5	U	-		5	U	5	U
Bromochloromethane	74-97-5	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	0.41	U	2.5	U	2.5	U
Chloroethane	75-00-3	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	0.32	U	2.5	U	2.5	U
Vinyl chloride	75-01-4	2	ug/l	1	U	1	U	1	U	1	U	0.17	U	1	U	1	U
Methylene chloride	75-09-2	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	0.32	U	2.5	U	2.5	U
Carbon disulfide	75-15-0	60	ug/l	5	U	5	U	5	U	5	U	0.82	U	5	U	5	U
Bromoform	75-25-2	50	ug/l	2	U	2	U	2	U	2	U	0.54	U	2	U	2	U
Bromodichloromethane	75-27-4	50	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.34	U	0.5	U	0.5	U
1,1-Dichloroethane	75-34-3	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	0.26	U	2.5	U	2.5	U
1,1-Dichloroethene	75-35-4	5	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.26	U	0.5	U	0.5	U
Trichlorofluoromethane	75-69-4	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	0.32	U	2.5	U	2.5	U
Dichlorodifluoromethane	75-71-8	5	ug/l	1.2	J	1	J	1.5	J	5	U	0.31	U	5	U	5	U
1,2-Dichloropropane	78-87-5	1	ug/l	1	U	1	U	1	U	1	U	0.35	U	1	U	1	U
2-Butanone	78-93-3	50	ug/l	5	U	5	U	5	U	5	U	1.9	U	5	U	5	U
1,1,2-Trichloroethane	79-00-5	1	ug/l	1.5	U	1.5	U	1.5	U	1.5	U	0.43	U	1.5	U	1.5	U
Trichloroethene	79-01-6	5	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.31	U	0.5	U	0.5	U
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.37	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	0.36	U	2.5	U	2.5	U
Hexachlorobutadiene	87-68-3	0.5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U
Naphthalene	91-20-3	10	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U
o-Xylene	95-47-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	0.36	U	2.5	U	2.5	U
o-Chlorotoluene	95-49-8	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U
1,2-Dichlorobenzene	95-50-1	3	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	0.43	U	2.5	U	2.5	U
1,2,4-Trimethylbenzene	95-63-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U
1,2,4,5-Tetramethylbenzene	95-93-2	5	ug/l	2	U	2	U	2	U	2	U	-		2	U	2	U
1,2-Dibromo-3-chloropropane	96-12-8	0.04	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	0.38	U	2.5	U	2.5	U
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U
tert-Butylbenzene	98-06-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U
Isopropylbenzene	98-82-8	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	0.34	U	2.5	U	2.5	U
p-Isopropyltoluene	99-87-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U

TABLE 3.1
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
FORMER GROSSINERS RESORT, LIBERTY NEW YORK

LOCATION				MW-207		MW-207		MW-208		MW-209		MW-209		MW-209		MW-209	
SAMPLING DATE				11/22/2021		7/11/2022		3/5/2020		3/6/2020		4/28/2021		9/9/2021		11/22/2021	
LAB SAMPLE ID				L2164698-02		L2236815-04		L2010093-05		L2010346-03		L2121852-03		L2148526-05		L2164698-07	
SAMPLE TYPE				WATER		WATER		WATER		WATER		WATER		WATER		WATER	
	CasNum	NY-AWQS	Units	Results	Qua	Results	Qua	Results	Q	Results	Q	Results	Q	Results	Q	Results	Qua
Volatile Organics by GC/MS																	
Ethylbenzene	100-41-4	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Styrene	100-42-5	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
trans-1,3-Dichloropropene	10061-02-6	0.4	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
n-Propylbenzene	103-65-1	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
n-Butylbenzene	104-51-8	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
p-Diethylbenzene	105-05-5		ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U
p-Chlorotoluene	106-43-4	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dichlorobenzene	106-46-7	3	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromoethane	106-93-4	0.0006	ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U
1,2-Dichloroethane	107-06-2	0.6	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Acrylonitrile	107-13-1	5	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Vinyl acetate	108-05-4		ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-Methyl-2-pentanone	108-10-1		ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,3,5-Trimethylbenzene	108-67-8	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Bromobenzene	108-86-1	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Toluene	108-88-3	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Chlorobenzene	108-90-7	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,4-Dichloro-2-butene	110-57-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dioxane	123-91-1		ug/l	250	U	250	U	250	U	250	U	250	U	250	U	250	U
Dibromochloromethane	124-48-1	50	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Tetrachloroethene	127-18-4	5	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Xylenes, Total	1330-20-7		ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
sec-Butylbenzene	135-98-8	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,3-Dichloropropane	142-28-9	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	156-59-2	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,2-Dichloroethene	156-60-5	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Methyl tert butyl ether	1634-04-4	10	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
p/m-Xylene	179601-23-1	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethene, Total	540-59-0		ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,3-Dichlorobenzene	541-73-1	3	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,3-Dichloropropene, Total	542-75-6		ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Carbon tetrachloride	56-23-5	5	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloropropene	563-58-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
2-Hexanone	591-78-6	50	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,2-Dichloropropane	594-20-7	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Ethyl ether	60-29-7		ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
p-Ethyltoluene	622-96-8		ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Acetone	67-64-1	50	ug/l	5	U	5	U	**3.2**	**J**	5	U	5	U	7.1		5	U
Chloroform	67-66-3	7	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Benzene	71-43-2	1	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,1-Trichloroethane	71-55-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U

TABLE 3.1
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
FORMER GROSSINERS RESORT, LIBERTY NEW YORK

LOCATION				MW-207		MW-207		MW-208		MW-209		MW-209		MW-209		MW-209	
SAMPLING DATE				11/22/2021		7/11/2022		3/5/2020		3/6/2020		4/28/2021		9/9/2021		11/22/2021	
LAB SAMPLE ID				L2164698-02		L2236815-04		L2010093-05		L2010346-03		L2121852-03		L2148526-05		L2164698-07	
SAMPLE TYPE				WATER		WATER		WATER		WATER		WATER		WATER		WATER	
	CasNum	NY-AWQS	Units	Results	Qua	Results	Qua	Results	Q	Results	Q	Results	Q	Results	Q	Results	Qua
Bromomethane	74-83-9	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Chloromethane	74-87-3		ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Dibromomethane	74-95-3	5	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Bromochloromethane	74-97-5	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Chloroethane	75-00-3	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Vinyl chloride	75-01-4	2	ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Methylene chloride	75-09-2	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Carbon disulfide	75-15-0	60	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Bromoform	75-25-2	50	ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Bromodichloromethane	75-27-4	50	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloroethane	75-34-3	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,1-Dichloroethene	75-35-4	5	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trichlorofluoromethane	75-69-4	5	ug/l	2.5	U	2.5	U	**1.8**	**J**	2.5	U	2.5	U	2.5	U	2.5	U
Dichlorodifluoromethane	75-71-8	5	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dichloropropane	78-87-5	1	ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U
2-Butanone	78-93-3	50	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloroethane	79-00-5	1	ug/l	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
Trichloroethene	79-01-6	5	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Hexachlorobutadiene	87-68-3	0.5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Naphthalene	91-20-3	10	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
o-Xylene	95-47-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
o-Chlorotoluene	95-49-8	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichlorobenzene	95-50-1	3	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trimethylbenzene	95-63-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4,5-Tetramethylbenzene	95-93-2	5	ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U
1,2-Dibromo-3-chloropropane	96-12-8	0.04	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
tert-Butylbenzene	98-06-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Isopropylbenzene	98-82-8	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
p-Isopropyltoluene	99-87-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U

TABLE 3.1
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
FORMER GROSSINERS RESORT, LIBERTY NEW YORK

LOCATION				MW-210		MW-210		MW-210		MW-210		MW-210		MW-211		MW-211	
SAMPLING DATE				3/6/2020		9/3/2020		4/29/2021		9/8/2021		11/19/2021		3/6/2020		9/3/2020	
LAB SAMPLE ID				L2010346-06		460-217659-3		L2122071-01		L2148182-03		L2164321-03		L2010346-04		460-217659-4	
SAMPLE TYPE				WATER		WATER		WATER		WATER		WATER		WATER		WATER	
	CasNum	NY-AWQS	Units	Results	Q	Results	Q	Results	Q	Results	Q	Results	Qua	Results	Q	Results	Q
Volatile Organics by GC/MS																	
Ethylbenzene	100-41-4	5	ug/l	2.5	U	0.3	U	2.5	U	2.5	U	2.5	U	2.5	U	0.3	U
Styrene	100-42-5	5	ug/l	2.5	U	0.42	U	2.5	U	2.5	U	2.5	U	2.5	U	0.42	U
cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	0.5	U	0.22	U	0.5	U	0.5	U	0.5	U	0.5	U	0.22	U
trans-1,3-Dichloropropene	10061-02-6	0.4	ug/l	0.5	U	0.49	U	0.5	U	0.5	U	0.5	U	0.5	U	0.49	U
n-Propylbenzene	103-65-1	5	ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U	-	
n-Butylbenzene	104-51-8	5	ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U	-	
p-Diethylbenzene	105-05-5		ug/l	2	U	-		2	U	2	U	2	U	2	U	-	
p-Chlorotoluene	106-43-4	5	ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U	-	
1,4-Dichlorobenzene	106-46-7	3	ug/l	2.5	U	0.33	U	2.5	U	2.5	U	2.5	U	2.5	U	0.33	U
1,2-Dibromoethane	106-93-4	0.0006	ug/l	2	U	0.5	U	2	U	2	U	2	U	2	U	0.5	U
1,2-Dichloroethane	107-06-2	0.6	ug/l	0.5	U	0.43	U	0.5	U	0.5	U	0.5	U	0.5	U	0.43	U
Acrylonitrile	107-13-1	5	ug/l	5	U	-		5	U	5	U	5	U	5	U	-	
Vinyl acetate	108-05-4		ug/l	5	U	-		5	U	5	U	5	U	5	U	-	
4-Methyl-2-pentanone	108-10-1		ug/l	5	U	1.3	U	5	U	5	U	5	U	5	U	1.3	U
1,3,5-Trimethylbenzene	108-67-8	5	ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U	-	
Bromobenzene	108-86-1	5	ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U	-	
Toluene	108-88-3	5	ug/l	2.5	U	0.38	U	2.5	U	2.5	U	2.5	U	2.5	U	0.38	U
Chlorobenzene	108-90-7	5	ug/l	2.5	U	0.38	U	2.5	U	2.5	U	2.5	U	2.5	U	0.38	U
trans-1,4-Dichloro-2-butene	110-57-6	5	ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U	-	
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	2.5	U	0.37	U	2.5	U	2.5	U	2.5	U	2.5	U	0.37	U
1,4-Dioxane	123-91-1		ug/l	250	U	28	U	250	U	250	U	250	U	250	U	28	U
Dibromochloromethane	124-48-1	50	ug/l	0.5	U	0.28	U	0.5	U	0.5	U	0.5	U	0.5	U	0.28	U
Tetrachloroethene	127-18-4	5	ug/l	0.5	U	0.25	U	0.5	U	0.5	U	0.5	U	0.5	U	0.25	U
Xylenes, Total	1330-20-7		ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U	-	
sec-Butylbenzene	135-98-8	5	ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U	-	
1,3-Dichloropropane	142-28-9	5	ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U	-	
cis-1,2-Dichloroethene	156-59-2	5	ug/l	2.5	U	0.22	U	2.5	U	2.5	U	2.5	U	2.5	U	0.22	U
trans-1,2-Dichloroethene	156-60-5	5	ug/l	2.5	U	0.24	U	2.5	U	2.5	U	2.5	U	2.5	U	0.24	U
Methyl tert butyl ether	1634-04-4	10	ug/l	2.5	U	0.47	U	2.5	U	2.5	U	2.5	U	2.5	U	0.47	U
p/m-Xylene	179601-23-1	5	ug/l	2.5	U	0.3	U	2.5	U	2.5	U	2.5	U	2.5	U	0.3	U
1,2-Dichloroethene, Total	540-59-0		ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U	-	
1,3-Dichlorobenzene	541-73-1	3	ug/l	2.5	U	0.34	U	2.5	U	2.5	U	2.5	U	2.5	U	0.34	U
1,3-Dichloropropene, Total	542-75-6		ug/l	0.5	U			0.5	U	0.5	U	0.5	U	0.5	U	-	
Carbon tetrachloride	56-23-5	5	ug/l	0.5	U	0.21	U	0.5	U	0.5	U	0.5	U	0.5	U	0.21	U
1,1-Dichloropropene	563-58-6	5	ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U	-	
2-Hexanone	591-78-6	50	ug/l	5	U	1.1	U	5	U	5	U	5	U	5	U	1.1	U
2,2-Dichloropropane	594-20-7	5	ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U	-	
Ethyl ether	60-29-7		ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U	-	
p-Ethyltoluene	622-96-8		ug/l	2	U	-		2	U	2	U	2	U	2	U	-	
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U	-	
Acetone	67-64-1	50	ug/l	5	U	4.4	U	5	U	5	U	5	U	5	U	4.4	U
Chloroform	67-66-3	7	ug/l	2.5	U	0.33	U	2.5	U	2.5	U	2.5	U	2.5	U	0.33	U
Benzene	71-43-2	1	ug/l	0.5	U	0.2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.2	U
1,1,1-Trichloroethane	71-55-6	5	ug/l	2.5	U	0.24	U	2.5	U	2.5	U	2.5	U	2.5	U	0.24	U

TABLE 3.1
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
FORMER GROSSINERS RESORT, LIBERTY NEW YORK

LOCATION				MW-210		MW-210		MW-210		MW-210		MW-210		MW-211		MW-211	
SAMPLING DATE				3/6/2020		9/3/2020		4/29/2021		9/8/2021		11/19/2021		3/6/2020		9/3/2020	
LAB SAMPLE ID				L2010346-06		460-217659-3		L2122071-01		L2148182-03		L2164321-03		L2010346-04		460-217659-4	
SAMPLE TYPE				WATER		WATER		WATER		WATER		WATER		WATER		WATER	
	CasNum	NY-AWQS	Units	Results	Q	Results	Q	Results	Q	Results	Q	Results	Qua	Results	Q	Results	Q
Bromomethane	74-83-9	5	ug/l	2.5	U	0.55	U	2.5	U	2.5	U	2.5	U	2.5	U	0.55	U
Chloromethane	74-87-3		ug/l	2.5	U	0.4	U	2.5	U	2.5	U	2.5	U	2.5	U	0.4	U
Dibromomethane	74-95-3	5	ug/l	5	U	-		5	U	5	U	5	U	5	U	-	
Bromochloromethane	74-97-5	5	ug/l	2.5	U	0.41	U	2.5	U	2.5	U	2.5	U	2.5	U	0.41	U
Chloroethane	75-00-3	5	ug/l	2.5	U	0.32	U	2.5	U	2.5	U	2.5	U	2.5	U	0.32	U
Vinyl chloride	75-01-4	2	ug/l	1	U	0.17	U	1	U	1	U	1	U	1	U	0.17	U
Methylene chloride	75-09-2	5	ug/l	2.5	U	0.32	U	2.5	U	2.5	U	2.5	U	2.5	U	0.32	U
Carbon disulfide	75-15-0	60	ug/l	5	U	0.82	U	5	U	5	U	5	U	5	U	0.82	U
Bromoform	75-25-2	50	ug/l	2	U	0.54	U	2	U	2	U	2	U	2	U	0.54	U
Bromodichloromethane	75-27-4	50	ug/l	0.5	U	0.34	U	0.5	U	0.5	U	0.5	U	0.5	U	0.34	U
1,1-Dichloroethane	75-34-3	5	ug/l	2.5	U	0.26	U	2.5	U	2.5	U	2.5	U	2.5	U	0.26	U
1,1-Dichloroethene	75-35-4	5	ug/l	0.5	U	0.26	U	0.5	U	0.5	U	0.5	U	0.5	U	0.26	U
Trichlorofluoromethane	75-69-4	5	ug/l	2.5	U	0.32	U	2.5	U	2.5	U	2.5	U	2.5	U	0.32	U
Dichlorodifluoromethane	75-71-8	5	ug/l	5	U	0.31	U	5	U	5	U	5	U	5	U	0.31	U
1,2-Dichloropropane	78-87-5	1	ug/l	1	U	0.35	U	1	U	1	U	1	U	1	U	0.35	U
2-Butanone	78-93-3	50	ug/l	5	U	1.9	U	5	U	5	U	5	U	5	U	1.9	U
1,1,2-Trichloroethane	79-00-5	1	ug/l	1.5	U	0.43	U	1.5	U	1.5	U	1.5	U	1.5	U	0.43	U
Trichloroethene	79-01-6	5	ug/l	0.5	U	0.31	U	0.5	U	0.5	U	0.5	U	0.5	U	0.31	U
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	0.5	U	0.37	U	0.5	U	0.5	U	0.5	U	0.5	U	0.37	U
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	2.5	U	0.36	U	2.5	U	2.5	U	2.5	U	2.5	U	0.36	U
Hexachlorobutadiene	87-68-3	0.5	ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U	-	
Naphthalene	91-20-3	10	ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U	-	
o-Xylene	95-47-6	5	ug/l	2.5	U	0.36	U	2.5	U	2.5	U	2.5	U	2.5	U	0.36	U
o-Chlorotoluene	95-49-8	5	ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U	-	
1,2-Dichlorobenzene	95-50-1	3	ug/l	2.5	U	0.43	U	2.5	U	2.5	U	2.5	U	2.5	U	0.43	U
1,2,4-Trimethylbenzene	95-63-6	5	ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U	-	
1,2,4,5-Tetramethylbenzene	95-93-2	5	ug/l	2	U	-		2	U	2	U	2	U	2	U	-	
1,2-Dibromo-3-chloropropane	96-12-8	0.04	ug/l	2.5	U	0.38	U	2.5	U	2.5	U	2.5	U	2.5	U	0.38	U
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U	-	
tert-Butylbenzene	98-06-6	5	ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U	-	
Isopropylbenzene	98-82-8	5	ug/l	2.5	U	0.34	U	2.5	U	2.5	U	2.5	U	2.5	U	0.34	U
p-Isopropyltoluene	99-87-6	5	ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U	-	

TABLE 3.1
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
FORMER GROSSINERS RESORT, LIBERTY NEW YORK

LOCATION				MW-211		MW-211		MW-211		MW-213		MW-213		MW-213		MW-213	
SAMPLING DATE				4/28/2021		9/9/2021		11/22/2021		3/4/2020		9/2/2020		4/27/2021		9/8/2021	
LAB SAMPLE ID				L2121852-04		L2148526-06		L2164698-06		L2009793-01		460-217547-5		L2121570-02		L2148182-05	
SAMPLE TYPE				WATER		WATER		WATER		WATER		WATER		WATER		WATER	
	CasNum	NY-AWQS	Units	Results	Q	Results	Q	Results	Qua	Results	Q	Results	Q	Results	Q	Results	Q
Volatile Organics by GC/MS																	
Ethylbenzene	100-41-4	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	0.3	U	2.5	U	2.5	U
Styrene	100-42-5	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	0.42	U	2.5	U	2.5	U
cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.22	U	0.5	U	0.5	U
trans-1,3-Dichloropropene	10061-02-6	0.4	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.49	U	0.5	U	0.5	U
n-Propylbenzene	103-65-1	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U
n-Butylbenzene	104-51-8	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U
p-Diethylbenzene	105-05-5		ug/l	2	U	2	U	2	U	2	U	-		2	U	2	U
p-Chlorotoluene	106-43-4	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U
1,4-Dichlorobenzene	106-46-7	3	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	0.33	U	2.5	U	2.5	U
1,2-Dibromoethane	106-93-4	0.0006	ug/l	2	U	2	U	2	U	2	U	0.5	U	2	U	2	U
1,2-Dichloroethane	107-06-2	0.6	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.43	U	0.5	U	0.5	U
Acrylonitrile	107-13-1	5	ug/l	5	U	5	U	5	U	5	U	-		5	U	5	U
Vinyl acetate	108-05-4		ug/l	5	U	5	U	5	U	5	U	-		5	U	5	U
4-Methyl-2-pentanone	108-10-1		ug/l	5	U	5	U	5	U	5	U	1.3	U	5	U	5	U
1,3,5-Trimethylbenzene	108-67-8	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U
Bromobenzene	108-86-1	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U
Toluene	108-88-3	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	0.38	U	2.5	U	2.5	U
Chlorobenzene	108-90-7	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	0.38	U	2.5	U	2.5	U
trans-1,4-Dichloro-2-butene	110-57-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	0.37	U	2.5	U	2.5	U
1,4-Dioxane	123-91-1		ug/l	250	U	250	U	250	U	250	U	28	U	250	U	250	U
Dibromochloromethane	124-48-1	50	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.28	U	0.5	U	0.5	U
Tetrachloroethene	127-18-4	5	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.25	U	0.5	U	0.5	U
Xylenes, Total	1330-20-7		ug/l	2.5	U	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U
sec-Butylbenzene	135-98-8	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U
1,3-Dichloropropane	142-28-9	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U
cis-1,2-Dichloroethene	156-59-2	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	0.22	U	2.5	U	2.5	U
trans-1,2-Dichloroethene	156-60-5	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	0.24	U	2.5	U	2.5	U
Methyl tert butyl ether	1634-04-4	10	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	0.47	U	2.5	U	2.5	U
p/m-Xylene	179601-23-1	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	0.3	U	2.5	U	2.5	U
1,2-Dichloroethene, Total	540-59-0		ug/l	2.5	U	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U
1,3-Dichlorobenzene	541-73-1	3	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	0.34	U	2.5	U	2.5	U
1,3-Dichloropropene, Total	542-75-6		ug/l	0.5	U	0.5	U	0.5	U	0.5	U	-		0.5	U	0.5	U
Carbon tetrachloride	56-23-5	5	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.21	U	0.5	U	0.5	U
1,1-Dichloropropene	563-58-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U
2-Hexanone	591-78-6	50	ug/l	5	U	5	U	5	U	5	U	1.1	U	5	U	5	U
2,2-Dichloropropane	594-20-7	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U
Ethyl ether	60-29-7		ug/l	2.5	U	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U
p-Ethyltoluene	622-96-8		ug/l	2	U	2	U	2	U	2	U	-		2	U	2	U
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U
Acetone	67-64-1	50	ug/l	5	U	5	U	5	U	5	U	4.4	U	5	U	5	U
Chloroform	67-66-3	7	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	0.33	U	2.5	U	2.5	U
Benzene	71-43-2	1	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.2	U	0.5	U	0.5	U
1,1,1-Trichloroethane	71-55-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	0.24	U	2.5	U	2.5	U

TABLE 3.1
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
FORMER GROSSINERS RESORT, LIBERTY NEW YORK

LOCATION				MW-211		MW-211		MW-211		MW-213		MW-213		MW-213		MW-213	
SAMPLING DATE				4/28/2021		9/9/2021		11/22/2021		3/4/2020		9/2/2020		4/27/2021		9/8/2021	
LAB SAMPLE ID				L2121852-04		L2148526-06		L2164698-06		L2009793-01		460-217547-5		L2121570-02		L2148182-05	
SAMPLE TYPE				WATER		WATER		WATER		WATER		WATER		WATER		WATER	
	CasNum	NY-AWQS	Units	Results	Q	Results	Q	Results	Qua	Results	Q	Results	Q	Results	Q	Results	Q
Bromomethane	74-83-9	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	0.55	U	2.5	U	2.5	U
Chloromethane	74-87-3		ug/l	2.5	U	2.5	U	2.5	U	2.5	U	0.4	U	2.5	U	2.5	U
Dibromomethane	74-95-3	5	ug/l	5	U	5	U	5	U	5	U	-		5	U	5	U
Bromochloromethane	74-97-5	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	0.41	U	2.5	U	2.5	U
Chloroethane	75-00-3	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	0.32	U	2.5	U	2.5	U
Vinyl chloride	75-01-4	2	ug/l	1	U	1	U	1	U	1	U	0.17	U	1	U	1	U
Methylene chloride	75-09-2	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	**0.44**	J	2.5	U	2.5	U
Carbon disulfide	75-15-0	60	ug/l	5	U	5	U	5	U	5	U	0.82	U	5	U	5	U
Bromoform	75-25-2	50	ug/l	2	U	2	U	2	U	2	U	0.54	U	2	U	2	U
Bromodichloromethane	75-27-4	50	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.34	U	0.5	U	0.5	U
1,1-Dichloroethane	75-34-3	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	0.26	U	2.5	U	2.5	U
1,1-Dichloroethene	75-35-4	5	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.26	U	0.5	U	0.5	U
Trichlorofluoromethane	75-69-4	5	ug/l	2.5	U	2.5	U	2.5	U	**71**		**56**		**52**		48	
Dichlorodifluoromethane	75-71-8	5	ug/l	5	U	5	U	5	U	**74**		**40**		**54**		41	
1,2-Dichloropropane	78-87-5	1	ug/l	1	U	1	U	1	U	1	U	0.35	U	1	U	1	U
2-Butanone	78-93-3	50	ug/l	5	U	5	U	5	U	5	U	1.9	U	5	U	5	U
1,1,2-Trichloroethane	79-00-5	1	ug/l	1.5	U	1.5	U	1.5	U	1.5	U	0.43	U	1.5	U	1.5	U
Trichloroethene	79-01-6	5	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.31	U	0.5	U	0.5	U
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.37	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	0.36	U	2.5	U	2.5	U
Hexachlorobutadiene	87-68-3	0.5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U
Naphthalene	91-20-3	10	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U
o-Xylene	95-47-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	0.36	U	2.5	U	2.5	U
o-Chlorotoluene	95-49-8	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U
1,2-Dichlorobenzene	95-50-1	3	ug/l	2.5	U	2.5	U	2.5	U	2.5	U			2.5	U	2.5	U
1,2,4-Trimethylbenzene	95-63-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U
1,2,4,5-Tetramethylbenzene	95-93-2	5	ug/l	2	U	2	U	2	U	2	U	-		2	U	2	U
1,2-Dibromo-3-chloropropane	96-12-8	0.04	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	0.43	U	2.5	U	2.5	U
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U
tert-Butylbenzene	98-06-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U
Isopropylbenzene	98-82-8	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U			2.5	U	2.5	U
p-Isopropyltoluene	99-87-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U

TABLE 3.1
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
FORMER GROSSINERS RESORT, LIBERTY NEW YORK

LOCATION				MW-213		MW-213		MW-214		MW-214		MW-214		MW-214		MW-214	
SAMPLING DATE				11/19/2021		7/12/2022		3/4/2020		9/3/2020		4/27/2021		9/9/2021		11/22/2021	
LAB SAMPLE ID				L2164321-05		L2237198-01		L2009793-02		460-217659-5		L2121570-01		L2148526-07		L2164698-03	
SAMPLE TYPE				WATER		WATER		WATER		WATER		WATER		WATER		WATER	
	CasNum	NY-AWQS	Units	Results	Qua	Results	Qual	Results	Q	Results	Q	Results	Q	Results	Q	Results	Qual
Volatile Organics by GC/MS																	
Ethylbenzene	100-41-4	5	ug/l	2.5	U	2.5	U	2.5	U	0.3	U	2.5	U	2.5	U	2.5	U
Styrene	100-42-5	5	ug/l	2.5	U	2.5	U	2.5	U	0.42	U	2.5	U	2.5	U	2.5	U
cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	0.5	U	0.5	U	0.5	U	0.22	U	0.5	U	0.5	U	0.5	U
trans-1,3-Dichloropropene	10061-02-6	0.4	ug/l	0.5	U	0.5	U	0.5	U	0.49	U	0.5	U	0.5	U	0.5	U
n-Propylbenzene	103-65-1	5	ug/l	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U	2.5	U
n-Butylbenzene	104-51-8	5	ug/l	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U	2.5	U
p-Diethylbenzene	105-05-5		ug/l	2	U	2	U	2	U	-		2	U	2	U	2	U
p-Chlorotoluene	106-43-4	5	ug/l	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U	2.5	U
1,4-Dichlorobenzene	106-46-7	3	ug/l	2.5	U	2.5	U	2.5	U	0.33	U	2.5	U	2.5	U	2.5	U
1,2-Dibromoethane	106-93-4	0.0006	ug/l	2	U	2	U	2	U	0.5	U	2	U	2	U	2	U
1,2-Dichloroethane	107-06-2	0.6	ug/l	0.5	U	0.5	U	0.5	U	0.43	U	0.5	U	0.5	U	0.5	U
Acrylonitrile	107-13-1	5	ug/l	5	U	5	U	5	U	-		5	U	5	U	5	U
Vinyl acetate	108-05-4		ug/l	5	U	5	U	5	U	-		5	U	5	U	5	U
4-Methyl-2-pentanone	108-10-1		ug/l	5	U	5	U	5	U	1.3	U	5	U	5	U	5	U
1,3,5-Trimethylbenzene	108-67-8	5	ug/l	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U	2.5	U
Bromobenzene	108-86-1	5	ug/l	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U	2.5	U
Toluene	108-88-3	5	ug/l	2.5	U	2.5	U	2.5	U	0.38	U	2.5	U	2.5	U	2.5	U
Chlorobenzene	108-90-7	5	ug/l	2.5	U	2.5	U	2.5	U	0.38	U	2.5	U	2.5	U	2.5	U
trans-1,4-Dichloro-2-butene	110-57-6	5	ug/l	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U	2.5	U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	2.5	U	2.5	U	2.5	U	0.37	U	2.5	U	2.5	U	2.5	U
1,4-Dioxane	123-91-1		ug/l	250	U	250	U	250	U	28	U	250	U	250	U	250	U
Dibromochloromethane	124-48-1	50	ug/l	0.5	U	0.5	U	0.5	U	0.28	U	0.5	U	0.5	U	0.5	U
Tetrachloroethene	127-18-4	5	ug/l	0.5	U	0.5	U	0.5	U	0.25	U	0.5	U	0.5	U	0.5	U
Xylenes, Total	1330-20-7		ug/l	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U	2.5	U
sec-Butylbenzene	135-98-8	5	ug/l	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U	2.5	U
1,3-Dichloropropane	142-28-9	5	ug/l	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	156-59-2	5	ug/l	2.5	U	2.5	U	2.5	U	0.22	U	2.5	U	2.5	U	2.5	U
trans-1,2-Dichloroethene	156-60-5	5	ug/l	2.5	U	2.5	U	2.5	U	0.24	U	2.5	U	2.5	U	2.5	U
Methyl tert butyl ether	1634-04-4	10	ug/l	2.5	U	2.5	U	2.5	U	0.47	U	2.5	U	2.5	U	2.5	U
p/m-Xylene	179601-23-1	5	ug/l	2.5	U	2.5	U	2.5	U	0.3	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethene, Total	540-59-0		ug/l	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U	2.5	U
1,3-Dichlorobenzene	541-73-1	3	ug/l	2.5	U	2.5	U	2.5	U	0.34	U	2.5	U	2.5	U	2.5	U
1,3-Dichloropropene, Total	542-75-6		ug/l	0.5	U	0.5	U	0.5	U	-		0.5	U	0.5	U	0.5	U
Carbon tetrachloride	56-23-5	5	ug/l	0.5	U	0.5	U	0.5	U	0.21	U	0.5	U	0.5	U	0.5	U
1,1-Dichloropropene	563-58-6	5	ug/l	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U	2.5	U
2-Hexanone	591-78-6	50	ug/l	5	U	5	U	5	U	1.1	U	5	U	5	U	5	U
2,2-Dichloropropane	594-20-7	5	ug/l	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U	2.5	U
Ethyl ether	60-29-7		ug/l	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U	2.5	U
p-Ethyltoluene	622-96-8		ug/l	2	U	2	U	2	U	-		2	U	2	U	2	U
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U	2.5	U
Acetone	67-64-1	50	ug/l	5	U	5	U	5	U	4.4	U	5	U	5	U	5	U
Chloroform	67-66-3	7	ug/l	2.5	U	2.5	U	2.5	U	0.33	U	2.5	U	2.5	U	2.5	U
Benzene	71-43-2	1	ug/l	0.5	U	0.5	U	0.5	U	0.2	U	0.5	U	0.5	U	0.5	U
1,1,1-Trichloroethane	71-55-6	5	ug/l	2.5	U	2.5	U	2.5	U	0.24	U	2.5	U	2.5	U	2.5	U

TABLE 3.1
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
FORMER GROSSINERS RESORT, LIBERTY NEW YORK

LOCATION				MW-213		MW-213		MW-214		MW-214		MW-214		MW-214		MW-214	
SAMPLING DATE				11/19/2021		7/12/2022		3/4/2020		9/3/2020		4/27/2021		9/9/2021		11/22/2021	
LAB SAMPLE ID				L2164321-05		L2237198-01		L2009793-02		460-217659-5		L2121570-01		L2148526-07		L2164698-03	
SAMPLE TYPE				WATER		WATER		WATER		WATER		WATER		WATER		WATER	
	CasNum	NY-AWQS	Units	Results	Qua	Results	Qual	Results	Q	Results	Q	Results	Q	Results	Q	Results	Qual
Bromomethane	74-83-9	5	ug/l	2.5	U	2.5	U	2.5	U	0.55	U	2.5	U	2.5	U	2.5	U
Chloromethane	74-87-3		ug/l	2.5	U	2.5	U	2.5	U	0.4	U	2.5	U	2.5	U	2.5	U
Dibromomethane	74-95-3	5	ug/l	5	U	5	U	5	U	-		5	U	5	U	5	U
Bromochloromethane	74-97-5	5	ug/l	2.5	U	2.5	U	2.5	U	0.41	U	2.5	U	2.5	U	2.5	U
Chloroethane	75-00-3	5	ug/l	2.5	U	2.5	U	2.5	U	0.32	U	2.5	U	2.5	U	2.5	U
Vinyl chloride	75-01-4	2	ug/l	1	U	1	U	1	U	0.17	U	1	U	1	U	1	U
Methylene chloride	75-09-2	5	ug/l	2.5	U	2.5	U	2.5	U	0.32	U	2.5	U	2.5	U	2.5	U
Carbon disulfide	75-15-0	60	ug/l	5	U	5	U	5	U	0.82	U	5	U	5	U	5	U
Bromoform	75-25-2	50	ug/l	2	U	2	U	2	U	0.54	U	2	U	2	U	2	U
Bromodichloromethane	75-27-4	50	ug/l	0.5	U	0.5	U	0.5	U	0.34	U	0.5	U	0.5	U	0.5	U
1,1-Dichloroethane	75-34-3	5	ug/l	2.5	U	2.5	U	2.5	U	0.26	U	2.5	U	2.5	U	2.5	U
1,1-Dichloroethene	75-35-4	5	ug/l	0.5	U	0.5	U	0.5	U	0.26	U	0.5	U	0.5	U	0.5	U
Trichlorofluoromethane	75-69-4	5	ug/l	61		37		**10**		**5.1**		**5.4**		1	J	3	
Dichlorodifluoromethane	75-71-8	5	ug/l	45		31		**27**		**16**		**21**		5	U	10	
1,2-Dichloropropane	78-87-5	1	ug/l	1	U	1	U	1	U	0.35	U	1	U	1	U	1	U
2-Butanone	78-93-3	50	ug/l	5	U	5	U	5	U	1.9	U	5	U	5	U	5	U
1,1,2-Trichloroethane	79-00-5	1	ug/l	1.5	U	1.5	U	1.5	U	0.43	U	1.5	U	1.5	U	1.5	U
Trichloroethene	79-01-6	5	ug/l	0.5	U	0.5	U	0.5	U	0.31	U	0.5	U	0.5	U	0.5	U
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	0.5	U	0.5	U	0.5	U	0.37	U	0.5	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	2.5	U	2.5	U	2.5	U	0.36	U	2.5	U	2.5	U	2.5	U
Hexachlorobutadiene	87-68-3	0.5	ug/l	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U	2.5	U
Naphthalene	91-20-3	10	ug/l	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U	2.5	U
o-Xylene	95-47-6	5	ug/l	2.5	U	2.5	U	2.5	U	0.36	U	2.5	U	2.5	U	2.5	U
o-Chlorotoluene	95-49-8	5	ug/l	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U	2.5	U
1,2-Dichlorobenzene	95-50-1	3	ug/l	2.5	U	2.5	U	2.5	U	0.43	U	2.5	U	2.5	U	2.5	U
1,2,4-Trimethylbenzene	95-63-6	5	ug/l	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U	2.5	U
1,2,4,5-Tetramethylbenzene	95-93-2	5	ug/l	2	U	2	U	2	U	-		2	U	2	U	2	U
1,2-Dibromo-3-chloropropane	96-12-8	0.04	ug/l	2.5	U	2.5	U	2.5	U	0.38	U	2.5	U	2.5	U	2.5	U
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U	2.5	U
tert-Butylbenzene	98-06-6	5	ug/l	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U	2.5	U
Isopropylbenzene	98-82-8	5	ug/l	2.5	U	2.5	U	2.5	U	0.34	U	2.5	U	2.5	U	2.5	U
p-Isopropyltoluene	99-87-6	5	ug/l	2.5	U	2.5	U	2.5	U	-		2.5	U	2.5	U	2.5	U

TABLE 3.1
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
FORMER GROSSINERS RESORT, LIBERTY NEW YORK

LOCATION				MW-214		MW-216		MW-216		MW-216		MW-216		MW-216		MW-216	
SAMPLING DATE				7/12/2022		3/6/2020		9/3/2020		4/28/2021		9/8/2021		11/19/2021		7/11/2022	
LAB SAMPLE ID				L2237198-02		L2010346-01		460-217659-6		L2121852-05		L2148182-06		L2164321-06		L2236815-05	
SAMPLE TYPE				WATER		WATER		WATER		WATER		WATER		WATER		WATER	
	CasNum	NY-AWQS	Units	Results	Qua	Results	Q	Results	Q	Results	Q	Results	Q	Results	Qua	Results	Qua
Volatile Organics by GC/MS																	
Ethylbenzene	100-41-4	5	ug/l	2.5	U	2.5	U	0.3	U	2.5	U	2.5	U	2.5	U	2.5	U
Styrene	100-42-5	5	ug/l	2.5	U	2.5	U	0.42	U	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	0.5	U	0.5	U	0.22	U	0.5	U	0.5	U	0.5	U	0.5	U
trans-1,3-Dichloropropene	10061-02-6	0.4	ug/l	0.5	U	0.5	U	0.49	U	0.5	U	0.5	U	0.5	U	0.5	U
n-Propylbenzene	103-65-1	5	ug/l	2.5	U	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U
n-Butylbenzene	104-51-8	5	ug/l	2.5	U	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U
p-Diethylbenzene	105-05-5		ug/l	2	U	2	U	-		2	U	2	U	2	U	2	U
p-Chlorotoluene	106-43-4	5	ug/l	2.5	U	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dichlorobenzene	106-46-7	3	ug/l	2.5	U	2.5	U	0.33	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromoethane	106-93-4	0.0006	ug/l	2	U	2	U	0.5	U	2	U	2	U	2	U	2	U
1,2-Dichloroethane	107-06-2	0.6	ug/l	0.5	U	0.5	U	0.43	U	0.5	U	0.5	U	0.5	U	0.5	U
Acrylonitrile	107-13-1	5	ug/l	5	U	5	U	-		5	U	5	U	5	U	5	U
Vinyl acetate	108-05-4		ug/l	5	U	5	U	-		5	U	5	U	5	U	5	U
4-Methyl-2-pentanone	108-10-1		ug/l	5	U	5	U	1.3	U	5	U	5	U	5	U	5	U
1,3,5-Trimethylbenzene	108-67-8	5	ug/l	2.5	U	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U
Bromobenzene	108-86-1	5	ug/l	2.5	U	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U
Toluene	108-88-3	5	ug/l	2.5	U	2.5	U	0.38	U	2.5	U	2.5	U	2.5	U	2.5	U
Chlorobenzene	108-90-7	5	ug/l	2.5	U	2.5	U	0.38	U	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,4-Dichloro-2-butene	110-57-6	5	ug/l	2.5	U	2.5	U			2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	2.5	U	2.5	U	0.37	U	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dioxane	123-91-1		ug/l	250	U	250	U	28	U	250	U	250	U	250	U	250	U
Dibromochloromethane	124-48-1	50	ug/l	0.5	U	0.5	U	0.28	U	0.5	U	0.5	U	0.5	U	0.5	U
Tetrachloroethene	127-18-4	5	ug/l	0.5	U	0.5	U	0.25	U	0.5	U	0.5	U	0.5	U	0.5	U
Xylenes, Total	1330-20-7		ug/l	2.5	U	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U
sec-Butylbenzene	135-98-8	5	ug/l	2.5	U	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U
1,3-Dichloropropane	142-28-9	5	ug/l	2.5	U	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	156-59-2	5	ug/l	2.5	U	2.5	U	0.22	U	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,2-Dichloroethene	156-60-5	5	ug/l	2.5	U	2.5	U	0.24	U	2.5	U	2.5	U	2.5	U	2.5	U
Methyl tert butyl ether	1634-04-4	10	ug/l	2.5	U	2.5	U	0.47	U	2.5	U	2.5	U	2.5	U	2.5	U
p/m-Xylene	179601-23-1	5	ug/l	2.5	U	2.5	U	0.3	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethene, Total	540-59-0		ug/l	2.5	U	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U
1,3-Dichlorobenzene	541-73-1	3	ug/l	2.5	U	2.5	U	0.34	U	2.5	U	2.5	U	2.5	U	2.5	U
1,3-Dichloropropene, Total	542-75-6		ug/l	0.5	U	0.5	U	-		0.5	U	0.5	U	0.5	U	0.5	U
Carbon tetrachloride	56-23-5	5	ug/l	0.5	U	0.5	U	0.21	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloropropene	563-58-6	5	ug/l	2.5	U	2.5	U			2.5	U	2.5	U	2.5	U	2.5	U
2-Hexanone	591-78-6	50	ug/l	5	U	5	U	1.1	U	5	U	5	U	5	U	5	U
2,2-Dichloropropane	594-20-7	5	ug/l	2.5	U	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U
Ethyl ether	60-29-7		ug/l	2.5	U	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U
p-Ethyltoluene	622-96-8		ug/l	2	U	2	U	-		2	U	2	U	2	U	2	U
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	2.5	U	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U
Acetone	67-64-1	50	ug/l	5	U	5	U	4.4	U	5	U	5	U	5	U	5	U
Chloroform	67-66-3	7	ug/l	2.5	U	2.5	U	0.33	U	2.5	U	2.5	U	2.5	U	2.5	U
Benzene	71-43-2	1	ug/l	0.5	U	0.5	U	0.2	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,1-Trichloroethane	71-55-6	5	ug/l	2.5	U	2.5	U	0.24	U	2.5	U	2.5	U	2.5	U	2.5	U

TABLE 3.1
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
FORMER GROSSINERS RESORT, LIBERTY NEW YORK

LOCATION				MW-214		MW-216		MW-216		MW-216		MW-216		MW-216		MW-216	
SAMPLING DATE				7/12/2022		3/6/2020		9/3/2020		4/28/2021		9/8/2021		11/19/2021		7/11/2022	
LAB SAMPLE ID				L2237198-02		L2010346-01		460-217659-6		L2121852-05		L2148182-06		L2164321-06		L2236815-05	
SAMPLE TYPE				WATER		WATER		WATER		WATER		WATER		WATER		WATER	
	CasNum	NY-AWQS	Units	Results	Qua	Results	Q	Results	Q	Results	Q	Results	Q	Results	Qua	Results	Qua
Bromomethane	74-83-9	5	ug/l	2.5	U	2.5	U	0.55	U	2.5	U	2.5	U	2.5	U	2.5	U
Chloromethane	74-87-3		ug/l	2.5	U	2.5	U	0.4	U	2.5	U	2.5	U	2.5	U	2.5	U
Dibromomethane	74-95-3	5	ug/l	5	U	5	U	-		5	U	5	U	5	U	5	U
Bromochloromethane	74-97-5	5	ug/l	2.5	U	2.5	U	0.41	U	2.5	U	2.5	U	2.5	U	2.5	U
Chloroethane	75-00-3	5	ug/l	2.5	U	2.5	U	0.32	U	2.5	U	2.5	U	2.5	U	2.5	U
Vinyl chloride	75-01-4	2	ug/l	1	U	1	U	0.17	U	1	U	1	U	1	U	1	U
Methylene chloride	75-09-2	5	ug/l	2.5	U	2.5	U	0.32	U	2.5	U	2.5	U	2.5	U	2.5	U
Carbon disulfide	75-15-0	60	ug/l	5	U	5	U	0.82	U	5	U	5	U	5	U	5	U
Bromoform	75-25-2	50	ug/l	2	U	2	U	0.54	U	2	U	2	U	2	U	2	U
Bromodichloromethane	75-27-4	50	ug/l	0.5	U	0.5	U	0.34	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloroethane	75-34-3	5	ug/l	2.5	U	2.5	U	0.26	U	2.5	U	2.5	U	2.5	U	2.5	U
1,1-Dichloroethene	75-35-4	5	ug/l	0.5	U	0.5	U	0.26	U	0.5	U	0.5	U	0.5	U	0.5	U
Trichlorofluoromethane	75-69-4	5	ug/l	2.5		**48**		**6.9**		**29**		5.3		4.7		5.5	
Dichlorodifluoromethane	75-71-8	5	ug/l	9.9		**15**		**3.9**		**11**		3.6	J	3.5	J	3.6	J
1,2-Dichloropropane	78-87-5	1	ug/l	1	U	1	U	0.35	U	1	U	1	U	1	U	1	U
2-Butanone	78-93-3	50	ug/l	5	U	5	U	1.9	U	5	U	5	U	5	U	5	U
1,1,2-Trichloroethane	79-00-5	1	ug/l	1.5	U	1.5	U	0.43	U	1.5	U	1.5	U	1.5	U	1.5	U
Trichloroethene	79-01-6	5	ug/l	0.5	U	0.5	U	0.31	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	0.5	U	0.5	U	0.37	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	2.5	U	2.5	U	0.36	U	2.5	U	2.5	U	2.5	U	2.5	U
Hexachlorobutadiene	87-68-3	0.5	ug/l	2.5	U	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U
Naphthalene	91-20-3	10	ug/l	2.5	U	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U
o-Xylene	95-47-6	5	ug/l	2.5	U	2.5	U	0.36	U	2.5	U	2.5	U	2.5	U	2.5	U
o-Chlorotoluene	95-49-8	5	ug/l	2.5	U	2.5	U			2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichlorobenzene	95-50-1	3	ug/l	2.5	U	2.5	U	0.43	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trimethylbenzene	95-63-6	5	ug/l	2.5	U	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U
1,2,4,5-Tetramethylbenzene	95-93-2	5	ug/l	2	U	2	U	-		2	U	2	U	2	U	2	U
1,2-Dibromo-3-chloropropane	96-12-8	0.04	ug/l	2.5	U	2.5	U	0.38	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	2.5	U	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U
tert-Butylbenzene	98-06-6	5	ug/l	2.5	U	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U
Isopropylbenzene	98-82-8	5	ug/l	2.5	U	2.5	U	0.34	U	2.5	U	2.5	U	2.5	U	2.5	U
p-Isopropyltoluene	99-87-6	5	ug/l	2.5	U	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U

TABLE 3.1
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
FORMER GROSSINERS RESORT, LIBERTY NEW YORK

LOCATION				MW-217		MW-217		MW-217		MW-217		MW-217		MW-217	
SAMPLING DATE				3/6/2020		9/3/2020		4/28/2021		9/8/2021		11/19/2021		7/11/2022	
LAB SAMPLE ID				L2010346-02		460-217659-7		L2121852-06		L2148182-07		L2164321-07		L2236815-06	
SAMPLE TYPE				WATER		WATER		WATER		WATER		WATER		WATER	
	CasNum	NY-AWQS	Units	Results	Q	Results	Q	Results	Q	Results	Q	Results	Qual	Results	Qual
Volatile Organics by GC/MS															
Ethylbenzene	100-41-4	5	ug/l	2.5	U	0.3	U	2.5	U	2.5	U	2.5	U	2.5	U
Styrene	100-42-5	5	ug/l	2.5	U	0.42	U	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	0.5	U	0.22	U	0.5	U	0.5	U	0.5	U	0.5	U
trans-1,3-Dichloropropene	10061-02-6	0.4	ug/l	0.5	U	0.49	U	0.5	U	0.5	U	0.5	U	0.5	U
n-Propylbenzene	103-65-1	5	ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U
n-Butylbenzene	104-51-8	5	ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U
p-Diethylbenzene	105-05-5		ug/l	2	U	-		2	U	2	U	2	U	2	U
p-Chlorotoluene	106-43-4	5	ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dichlorobenzene	106-46-7	3	ug/l	2.5	U	0.33	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromoethane	106-93-4	0.0006	ug/l	2	U	0.5	U	2	U	2	U	2	U	2	U
1,2-Dichloroethane	107-06-2	0.6	ug/l	0.5	U	0.43	U	0.5	U	0.5	U	0.5	U	0.5	U
Acrylonitrile	107-13-1	5	ug/l	5	U	-		5	U	5	U	5	U	5	U
Vinyl acetate	108-05-4		ug/l	5	U	-		5	U	5	U	5	U	5	U
4-Methyl-2-pentanone	108-10-1		ug/l	5	U	1.3	U	5	U	5	U	5	U	5	U
1,3,5-Trimethylbenzene	108-67-8	5	ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U
Bromobenzene	108-86-1	5	ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U
Toluene	108-88-3	5	ug/l	2.5	U	0.38	U	2.5	U	2.5	U	2.5	U	2.5	U
Chlorobenzene	108-90-7	5	ug/l	2.5	U	0.38	U	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,4-Dichloro-2-butene	110-57-6	5	ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	2.5	U	0.37	U	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dioxane	123-91-1		ug/l	250	U	28	U	250	U	250	U	250	U	250	U
Dibromochloromethane	124-48-1	50	ug/l	0.5	U	0.28	U	0.5	U	0.5	U	0.5	U	0.5	U
Tetrachloroethene	127-18-4	5	ug/l	0.5	U	0.25	U	0.5	U	0.5	U	0.5	U	0.5	U
Xylenes, Total	1330-20-7		ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U
sec-Butylbenzene	135-98-8	5	ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U
1,3-Dichloropropane	142-28-9	5	ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	156-59-2	5	ug/l	2.5	U	0.22	U	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,2-Dichloroethene	156-60-5	5	ug/l	2.5	U	0.24	U	2.5	U	2.5	U	2.5	U	2.5	U
Methyl tert butyl ether	1634-04-4	10	ug/l	2.5	U	0.47	U	2.5	U	2.5	U	2.5	U	2.5	U
p/m-Xylene	179601-23-1	5	ug/l	2.5	U	0.3	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethene, Total	540-59-0		ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U
1,3-Dichlorobenzene	541-73-1	3	ug/l	2.5	U	0.34	U	2.5	U	2.5	U	2.5	U	2.5	U
1,3-Dichloropropene, Total	542-75-6		ug/l	0.5	U	-		0.5	U	0.5	U	0.5	U	0.5	U
Carbon tetrachloride	56-23-5	5	ug/l	0.5	U	0.21	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloropropene	563-58-6	5	ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U
2-Hexanone	591-78-6	50	ug/l	5	U	1.1	U	5	U	5	U	5	U	5	U
2,2-Dichloropropane	594-20-7	5	ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U
Ethyl ether	60-29-7		ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U
p-Ethyltoluene	622-96-8		ug/l	2	U	-		2	U	2	U	2	U	2	U
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U
Acetone	67-64-1	50	ug/l	5	U	4.4	U	5	U	5	U	5	U	5	U
Chloroform	67-66-3	7	ug/l	2.5	U	0.33	U	2.5	U	2.5	U	2.5	U	2.5	U
Benzene	71-43-2	1	ug/l	0.5	U	0.2	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,1-Trichloroethane	71-55-6	5	ug/l	2.5	U	0.24	U	2.5	U	2.5	U	2.5	U	2.5	U

TABLE 3.1
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
FORMER GROSSINERS RESORT, LIBERTY NEW YORK

LOCATION				MW-217		MW-217		MW-217		MW-217		MW-217		MW-217	
SAMPLING DATE				3/6/2020		9/3/2020		4/28/2021		9/8/2021		11/19/2021		7/11/2022	
LAB SAMPLE ID				L2010346-02		460-217659-7		L2121852-06		L2148182-07		L2164321-07		L2236815-06	
SAMPLE TYPE				WATER		WATER		WATER		WATER		WATER		WATER	
	CasNum	NY-AWQS	Units	Results	Q	Results	Q	Results	Q	Results	Q	Results	Qual	Results	Qual
Bromomethane	74-83-9	5	ug/l	2.5	U	0.55	U	2.5	U	2.5	U	2.5	U	2.5	U
Chloromethane	74-87-3		ug/l	2.5	U	0.4	U	2.5	U	2.5	U	2.5	U	2.5	U
Dibromomethane	74-95-3	5	ug/l	5	U			5	U	5	U	5	U	5	U
Bromochloromethane	74-97-5	5	ug/l	2.5	U	0.41	U	2.5	U	2.5	U	2.5	U	2.5	U
Chloroethane	75-00-3	5	ug/l	2.5	U	0.32	U	2.5	U	2.5	U	2.5	U	2.5	U
Vinyl chloride	75-01-4	2	ug/l	1	U	0.17	U	1	U	1	U	1	U	1	U
Methylene chloride	75-09-2	5	ug/l	2.5	U	0.32	U	2.5	U	2.5	U	2.5	U	2.5	U
Carbon disulfide	75-15-0	60	ug/l	5	U	0.82	U	5	U	5	U	5	U	5	U
Bromoform	75-25-2	50	ug/l	2	U	0.54	U	2	U	2	U	2	U	2	U
Bromodichloromethane	75-27-4	50	ug/l	0.5	U	0.34	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloroethane	75-34-3	5	ug/l	2.5	U	0.26	U	2.5	U	2.5	U	2.5	U	2.5	U
1,1-Dichloroethene	75-35-4	5	ug/l	0.5	U	0.26	U	0.5	U	0.5	U	0.5	U	0.5	U
Trichlorofluoromethane	75-69-4	5	ug/l	**22**		**5.6**		**47**		**55**		62		52	
Dichlorodifluoromethane	75-71-8	5	ug/l	5	U	0.31	U	5	U	5	U	5	U	5	U
1,2-Dichloropropane	78-87-5	1	ug/l	1	U	0.35	U	1	U	1	U	1	U	1	U
2-Butanone	78-93-3	50	ug/l	5	U	1.9	U	5	U	5	U	5	U	5	U
1,1,2-Trichloroethane	79-00-5	1	ug/l	1.5	U	0.43	U	1.5	U	1.5	U	1.5	U	1.5	U
Trichloroethene	79-01-6	5	ug/l	0.5	U	0.31	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	0.5	U	0.37	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	2.5	U	0.36	U	2.5	U	2.5	U	2.5	U	2.5	U
Hexachlorobutadiene	87-68-3	0.5	ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U
Naphthalene	91-20-3	10	ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U
o-Xylene	95-47-6	5	ug/l	2.5	U	0.36	U	2.5	U	2.5	U	2.5	U	2.5	U
o-Chlorotoluene	95-49-8	5	ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichlorobenzene	95-50-1	3	ug/l	2.5	U	0.43	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trimethylbenzene	95-63-6	5	ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U
1,2,4,5-Tetramethylbenzene	95-93-2	5	ug/l	2	U	-		2	U	2	U	2	U	2	U
1,2-Dibromo-3-chloropropane	96-12-8	0.04	ug/l	2.5	U	0.38	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U
tert-Butylbenzene	98-06-6	5	ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U
Isopropylbenzene	98-82-8	5	ug/l	2.5	U	0.34	U	2.5	U	2.5	U	2.5	U	2.5	U
p-Isopropyltoluene	99-87-6	5	ug/l	2.5	U	-		2.5	U	2.5	U	2.5	U	2.5	U

TABLE 3.1
SUMMARY OF HISTORICAL PFAS EXCEEDANCES IN GROUNDWATER
FORMER GROSSINERS RESORT, LIBERTY NEW YORK

LOCATION				MW-201		MW-201		MW-201		MW-201		MW-201		MW-203		MW-203
SAMPLING DATE				3/6/2020		9/3/2020		4/28/2021		9/8/2021		11/19/2021		3/5/2020		9/2/2020
LAB SAMPLE ID				L2010346-05		460-217659-1		L2121852-01		L2148182-01		L2164321-01		L2010093-01		460-217547-1
SAMPLE TYPE				WATER		WATER		WATER		WATER		WATER		WATER		WATER
	CasNum	NY-AWQS	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results
Perfluorinated Alkyl Acids by Isotope Dilution																
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	10	ng/l	1.98	U	**0.57**	**J**	2.04	U	0.733	J	1.86	U	**27.9**		**25**
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	100	ng/l	1.98	U	1.04	U	2.04	U	1.82	U	1.86	U	**0.288**	**J**	1.1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	2355-31-9	100	ng/l	1.98	U	2.92	U	2.04	U	1.82	U	1.86	U	2.14	U	3.1
Perfluoropentanoic Acid (PFPeA)	2706-90-3	100	ng/l	**0.454**	**J**	0.46	U	**0.514**	**J**	1.82	U	0.651	J	**1.62**	**J**	**1.71**
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2	100	ng/l	1.98	U	11	**J**	2.04	U	1.82	U	1.86	U	2.14	U	**11.1**
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	100	ng/l	1.98	U	1.79	U	2.04	U	1.82	U	1.86	U	**2.34**		**5.65**
Perfluorohexanoic Acid (PFHxA)	307-24-4	100	ng/l	**0.565**	**J**	0.55	U	**0.518**	**J**	1.82	U	1.86	U	**2.13**	**J**	**2.03**
Perfluorododecanoic Acid (PFDoA)	307-55-1	100	ng/l	1.98	U	0.52	U	2.04	U	1.82	U	1.86	U	**1.32**	**J**	0.55
Perfluorooctanoic Acid (PFOA)	335-67-1	10	ng/l	**0.553**	**J**	0.8	U	**0.486**	**J**	0.763	J	0.517	J	**6**		**5.15**
Perfluorodecanoic Acid (PFDA)	335-76-2	100	ng/l	1.98	U	0.29	U	2.04	U	1.82	U	1.86	U	**0.464**	**J**	**0.35**
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	100	ng/l	1.98	U	0.3	U	2.04	U	1.82	U	1.86	U	2.14	U	0.32
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	100	ng/l	1.98	U	**0.33**	**J B**	2.04	U	1.82	U	1.86	U	**0.914**	**J**	**1.47**
Perfluorobutanoic Acid (PFBA)	375-22-4	100	ng/l	1.98	U	**0.51**	**J B**	2.04	U	1.82	U	1.86	U	**2.79**		**2.13**
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	100	ng/l	1.98	U	0.19	U	2.04	U	1.82	U	1.86	U	**1.23**	**J**	0.2
Perfluoroheptanoic Acid (PFHpA)	375-85-9	100	ng/l	1.98	U	0.24	U	2.04	U	1.82	U	1.86	U	**1.77**	**J**	**1.57**
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	100	ng/l	1.98	U	0.18	U	2.04	U	1.82	U	1.86	U	2.14	U	0.19
Perfluorononanoic Acid (PFNA)	375-95-1	100	ng/l	1.98	U	0.25	U	2.04	U	1.82	U	1.86	U	**0.802**	**J**	**0.76**
Perfluorotetradecanoic Acid (PFTA)	376-06-7	100	ng/l	1.98	U	0.27	U	2.04	U	1.82	U	0.484	J	**3.92**		0.29
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4	100	ng/l	1.98	U	1.88	U	2.04	U	1.82	U	1.86	U	2.14	U	2
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	100	ng/l	1.98	U	1.22	U	2.04	U	1.82	U	1.86	U	**0.768**	**J**	1.3
Perfluorooctanesulfonamide (FOSA)	754-91-6	100	ng/l	1.98	U	0.33	U	2.04	U	1.82	U	1.86	U	**0.978**	**J**	**2.31**
PFOA/PFOS, Total		500	ng/l	**0.553**	**J**	**12.41**		**0.486**	**J**	1.5	J	0.517	J	**33.9**		59.23

TABLE 3.1
SUMMARY OF HISTORICAL PFAS EXCEEDANCES IN GROUNDWATER
FORMER GROSSINERS RESORT, LIBERTY NEW YORK

LOCATION					MW-203		MW-203		MW-203		MW-203		MW-204		MW-204	
SAMPLING DATE					4/28/2021		9/8/2021		11/22/2021		7/11/2022		3/5/2020		9/2/2020	
LAB SAMPLE ID					L2121852-02		L2148182-02		L2164698-04		L2236815-01		L2010093-02		460-217547-4	
SAMPLE TYPE					WATER		WATER		WATER		WATER		WATER		WATER	
	CasNum	NY-AWQS	Units	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Perfluorinated Alkyl Acids by Isotope Dilution																
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	10	ng/l		**14.5**		**18**		**12.8**		0.982	J	**5.05**		**12.1**	
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	100	ng/l	U	1.82	U	1.73	U	1.83	U	1.28	J	2.04	U	1.08	U
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	2355-31-9	100	ng/l	U	1.82	U	1.73	U	1.83	U	0.462	J	2.04	U	3.03	U
Perfluoropentanoic Acid (PFPeA)	2706-90-3	100	ng/l	**J**	**0.564**	**J**	1.05	J	0.605	J	0.909	JF	**0.812**	**J**	**1.26**	**J**
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2	100	ng/l	**J**	**2.13**		1.73	U	1.83	U	1.12	J	2.04	U	**2.02**	**J**
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	100	ng/l	**J**	**3.14**		4.14	F	2.35		0.538	J	2.04	U	1.86	U
Perfluorohexanoic Acid (PFHxA)	307-24-4	100	ng/l		**0.778**	**J**	0.812	J	0.701	JF	2.92		**0.837**	**J**	**1.14**	**J**
Perfluorododecanoic Acid (PFDoA)	307-55-1	100	ng/l	U	1.82	U	1.73	U	1.83	U	53.4		**0.588**	**J**	0.54	U
Perfluorooctanoic Acid (PFOA)	335-67-1	10	ng/l		**3.26**		3.28		1.82	J	1.82	U	**2.22**		**3.94**	
Perfluorodecanoic Acid (PFDA)	335-76-2	100	ng/l	**J**	1.82	U	0.295	J	1.83	U	0.476	J	2.04	U	0.3	U
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	100	ng/l	U	1.82	U	1.73	U	1.83	U	9.37		2.04	U	0.31	U
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	100	ng/l	**J B**	**0.789**	**J**	1.27	J	0.649	J	1.82	U	2.04	U	**1.08**	**J B**
Perfluorobutanoic Acid (PFBA)	375-22-4	100	ng/l	**B**	**0.869**	**J**	1.73	U	1.25	J	1.82	U	**0.971**	**J**	**3.11**	**B**
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	100	ng/l	U	1.82	U	0.725	J	1.83	U	1.82	U	**0.249**	**J**	**0.64**	**J**
Perfluoroheptanoic Acid (PFHpA)	375-85-9	100	ng/l	**J**	**0.629**	**J**	0.77	J	0.811	JF	1.82	U	**0.563**	**J**	**1.02**	**J**
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	100	ng/l	U	1.82	U	1.73	U	1.83	U	1.82	U	2.04	U	0.19	U
Perfluorononanoic Acid (PFNA)	375-95-1	100	ng/l	**J**	0.32	**J**	0.538	J	1.83	U	1.82	U	2.04	U	**0.46**	**J**
Perfluorotetradecanoic Acid (PFTA)	376-06-7	100	ng/l	U	1.82	U	1.73	U	1.83	U	1.82		**1.66**	**J**	0.28	U
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4	100	ng/l	U	1.82	U	1.73	U	1.83	U	1.82	U	2.04	U	1.96	U
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	100	ng/l	U	1.82	U	1.73	U	1.83	U	1.82	U	**0.384**	**J**	1.27	U
Perfluorooctanesulfonamide (FOSA)	754-91-6	100	ng/l	**B**	**0.989**	**JF**	0.853	JF	1.83	U	1.82	U	2.04	U	**0.57**	**J B**
PFOA/PFOS, Total		500	ng/l		**17.8**		21.3		14.6	J	12.3		**7.27**		27.34	

TABLE 3.1
SUMMARY OF HISTORICAL PFAS EXCEEDANCES IN GROUNDWATER
FORMER GROSSINERS RESORT, LIBERTY NEW YORK

LOCATION				MW-204		MW-204		MW-204		MW-204		MW-205		MW-205		MW-205
SAMPLING DATE				4/27/2021		9/9/2021		11/22/2021		7/11/2022		3/5/2020		9/2/2020		4/27/2021
LAB SAMPLE ID				L2121570-05		L2148526-01		L2164698-05		L2236815-02		L2010093-03		460-217547-3		L2121570-06
SAMPLE TYPE				WATER		WATER		WATER		WATER		WATER		WATER		WATER
	CasNum	NY-AWQS	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results
Perfluorinated Alkyl Acids by Isotope Dilution																
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	10	ng/l	**4.41**		7.56		4.68		1.8	U	**2.13**		**0.93**	**J**	**0.583**
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	100	ng/l	1.93	U	1.75	U	1.81	U	0.966	J	1.9	U	1.09	U	1.87
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	2355-31-9	100	ng/l	1.93	U	1.75	U	1.81	U	1.8	U	1.9	U	3.08	U	1.87
Perfluoropentanoic Acid (PFPeA)	2706-90-3	100	ng/l	**0.701**	**J**	0.976	J	1.12	J	0.386	JF	**0.646**	**J**	0.49	U	1.87
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2	100	ng/l	1.93	U	1.75	U	1.81	U	0.31	J	1.9	U	1.99	U	1.87
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	100	ng/l	1.93	U	0.857	J	1.81	U	1.8	U	1.9	U	1.89	U	1.87
Perfluorohexanoic Acid (PFHxA)	307-24-4	100	ng/l	**0.744**	**J**	0.909	J	0.945	J	1.17	J	**0.597**	**J**	0.58	U	**0.478**
Perfluorododecanoic Acid (PFDoA)	307-55-1	100	ng/l	1.93	U	1.75	U	1.81	U	1.24	J	1.9	U	0.55	U	1.87
Perfluorooctanoic Acid (PFOA)	335-67-1	10	ng/l	**1.53**	**J**	1.95		1.28	JF	1.8	U	**2.19**		0.84	U	**0.62**
Perfluorodecanoic Acid (PFDA)	335-76-2	100	ng/l	1.93	U	1.75	U	1.81	U	1.8	U	1.9	U	0.31	U	1.87
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	100	ng/l	1.93	U	1.75	U	1.81	U	2.83		1.9	U	0.32	U	1.87
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	100	ng/l	1.93	U	1.75	U	0.456	J	1.8	U	1.9	U	**0.44**	**J B**	1.87
Perfluorobutanoic Acid (PFBA)	375-22-4	100	ng/l	**0.724**	**J**	1.53	J	2.5		1.8	U	**0.597**	**J**	**0.59**	**J B**	1.87
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	100	ng/l	1.93	U	0.332	J	1.81	U	1.8	U	1.9	U	**0.2**	**J**	1.87
Perfluoroheptanoic Acid (PFHpA)	375-85-9	100	ng/l	**0.389**	**J**	0.926	J	1.05	J	1.8	U	**0.414**	**J**	0.25	U	1.87
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	100	ng/l	1.93	U	1.75	U	1.81	U	1.8	U	1.9	U	0.19	U	1.87
Perfluorononanoic Acid (PFNA)	375-95-1	100	ng/l	1.93	U	0.332	J	1.81	U	1.8	U	**0.3**	**J**	0.27	U	1.87
Perfluorotetradecanoic Acid (PFTA)	376-06-7	100	ng/l	1.93	U	1.75	U	1.81	U	1.8	U	**1.13**	**J**	0.29	U	1.87
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4	100	ng/l	1.93	U	1.75	U	1.81	U	1.8	U	1.9	U	1.99	U	1.87
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	100	ng/l	1.93	U	1.75	U	1.81	U	1.8	U	1.9	U	1.29	U	1.87
Perfluorooctanesulfonamide (FOSA)	754-91-6	100	ng/l	1.93	U	1.75	U	1.81	U	1.8	U	1.9	U	0.35	U	1.87
PFOA/PFOS, Total		500	ng/l	**5.94**	**J**	9.51		5.96	J	4	J	**4.32**		2.16		**1.2**

TABLE 3.1
SUMMARY OF HISTORICAL PFAS EXCEEDANCES IN GROUNDWATER
FORMER GROSSINERS RESORT, LIBERTY NEW YORK

LOCATION					MW-205		MW-205		MW-206		MW-206		MW-206		MW-206	
SAMPLING DATE					9/9/2021		11/19/2021		3/5/2020		9/2/2020		4/27/2021		9/9/2021	
LAB SAMPLE ID					L2148526-02		L2164321-02		L2010093-04		460-217547-4		L2121570-04		L2148526-03	
SAMPLE TYPE					WATER		WATER		WATER		WATER		WATER		WATER	
	CasNum	NY-AWQS	Units	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Perfluorinated Alkyl Acids by Isotope Dilution																
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	10	ng/l	**J**	0.819	JF	0.53	JF	**47.9**		**38.7**		**30.9**		**32.5**	
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	100	ng/l	U	1.84	U	1.78	U	1.91	U	0.97	U	1.94	U	1.83	U
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	2355-31-9	100	ng/l	U	1.84	U	1.78	U	1.91	U	2.73	U	1.94	U	1.83	U
Perfluoropentanoic Acid (PFPeA)	2706-90-3	100	ng/l	U	1.84	U	1.78	U	**4.08**		**1.83**		**4.2**		1.49	J
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2	100	ng/l	U	1.84	U	1.78	U	1.91	U	**2.24**	**J**	1.94	U	1.87	
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	100	ng/l	U	1.84	U	1.78	U	1.91	U	1.67	U	1.94	U	1.83	U
Perfluorohexanoic Acid (PFHxA)	307-24-4	100	ng/l	**J**	1.84	U	1.78	U	**5.43**		**2.28**		**5.8**		2.09	
Perfluorododecanoic Acid (PFDoA)	307-55-1	100	ng/l	U	1.84	U	1.78	U	1.91	U	0.48	U	1.94	U	1.83	U
Perfluorooctanoic Acid (PFOA)	335-67-1	10	ng/l	**J**	0.786	J	0.498	J	**25.5**		**12.1**		**26**		14.6	
Perfluorodecanoic Acid (PFDA)	335-76-2	100	ng/l	U	1.84	U	1.78	U	**0.561**	**J**	**0.45**	**J**	**0.307**	**J**	0.315	J
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	100	ng/l	U	1.84	U	1.78	U	1.91	U	0.28	U	1.94	U	1.83	U
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	100	ng/l	U	1.84	U	1.78	U	**2.91**		**1.93**	**B**	**4.42**		2.35	
Perfluorobutanoic Acid (PFBA)	375-22-4	100	ng/l	U	1.84	U	1.78	U	**9.62**		**5.79**		**13.1**		5.14	
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	100	ng/l	U	1.84	U	1.78	U	**2.22**		**1.06**	**J**	**2.68**		1.53	J
Perfluoroheptanoic Acid (PFHpA)	375-85-9	100	ng/l	U	1.84	U	1.78	U	**5.37**		**2.47**		**6.84**		2.52	
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	100	ng/l	U	1.84	U	1.78	U	**0.809**	**J**	**0.43**	**J**	1.94	U	1.83	U
Perfluorononanoic Acid (PFNA)	375-95-1	100	ng/l	U	1.84	U	1.78	U	**1.29**	**J**	**0.75**	**J**	**1.01**	**J**	0.766	J
Perfluorotetradecanoic Acid (PFTA)	376-06-7	100	ng/l	U	1.84	U	0.352	J	**0.802**	**J**	0.26	**U**	1.94	U	1.83	U
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4	100	ng/l	U	1.84	U	1.78	U	1.91	U	1.76	U	1.94	U	1.83	U
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	100	ng/l	U	1.84	U	1.78	U	1.91	U	1.15	U	1.94	U	1.83	U
Perfluorooctanesulfonamide (FOSA)	754-91-6	100	ng/l	U	1.84	U	1.78	U	1.91	U	**0.66**	**J**	1.94	U	1.83	U
PFOA/PFOS, Total		500	ng/l	**J**	1.61	J	1.03	J	**73.4**		**70.69**		**56.9**		47.1	

TABLE 3.1
SUMMARY OF HISTORICAL PFAS EXCEEDANCES IN GROUNDWATER
FORMER GROSSINERS RESORT, LIBERTY NEW YORK

LOCATION				MW-206		MW-206		MW-207		MW-207		MW-207		MW-207		MW-207
SAMPLING DATE				11/22/2021		7/11/2022		3/5/2020		9/3/2020		4/27/2021		9/9/2021		11/22/2021
LAB SAMPLE ID				L2164698-01		L2236815-03		L2010093-06		460-217659-2		L2121570-03		L2148526-04		L2164698-02
SAMPLE TYPE				WATER		WATER		WATER		WATER		WATER		WATER		WATER
	CasNum	NY-AWQS	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results
Perfluorinated Alkyl Acids by Isotope Dilution																
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	10	ng/l	34.1		4.43		**11.3**		**22.1**		**8.36**		29.9		17.4
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	100	ng/l	1.9	U	1.88		2.09	U	1.03	U	2.14	U	1.75	U	1.87
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	2355-31-9	100	ng/l	1.9	U	0.869	J	2.09	U	2.91	U	2.14	U	1.75	U	1.87
Perfluoropentanoic Acid (PFPeA)	2706-90-3	100	ng/l	1.77	J	1.67	JF	**1.62**	**J**	**0.79**	**J**	**0.476**	**J**	1.57	J	1.87
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2	100	ng/l	1.9	U	1.87		2.09	U	1.87	U	2.14	U	57		1.87
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	100	ng/l	1.9	U	1.74	J	2.09	U	1.78	U	2.14	U	1.75	U	1.87
Perfluorohexanoic Acid (PFHxA)	307-24-4	100	ng/l	2.35		9.34		**1.61**	**J**	**0.91**	**J**	**0.66**	**J**	2.72		1.87
Perfluorododecanoic Acid (PFDoA)	307-55-1	100	ng/l	1.9	U	1.22	J	2.09	U	0.52	U	2.14	U	1.75	U	1.87
Perfluorooctanoic Acid (PFOA)	335-67-1	10	ng/l	13.1		1.79	U	**6.59**		**5.46**		**2.2**		9.68		3.64
Perfluorodecanoic Acid (PFDA)	335-76-2	100	ng/l	1.9	U	0.497	J	2.09	U	**0.39**	**J**	2.14	U	0.624	J	1.87
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	100	ng/l	1.9	U	21.1		2.09	U	0.3	U	2.14	U	1.75	U	1.87
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	100	ng/l	2.46		1.79	U	**1.15**	**J**	**1.92**	**B**	**0.472**	**J**	1.78	F	1.32
Perfluorobutanoic Acid (PFBA)	375-22-4	100	ng/l	5.35		1.79	U	**1.94**	**J**	**1.93**	**B**	**0.497**	**J**	2.52		0.58
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	100	ng/l	1.43	J	1.79	U	**0.749**	**J**	**0.76**	**J**	**0.304**	**J**	0.916	J	0.427
Perfluoroheptanoic Acid (PFHpA)	375-85-9	100	ng/l	2.68		1.79	U	**1.35**	**J**	**0.94**	**J**	**0.506**	**J**	1.81		0.558
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	100	ng/l	1.9	U	1.79	U	2.09	U	**0.37**	J	2.14	U	1.75	U	1.87
Perfluorononanoic Acid (PFNA)	375-95-1	100	ng/l	0.512	JF	1.79	U	**0.644**	**J**	**0.61**	**J**	**0.467**	**J**	1.13	J	0.318
Perfluorotetradecanoic Acid (PFTA)	376-06-7	100	ng/l	1.9	U	1.79	U	**0.561**	**J**	0.27	U	2.14	U	1.75	U	1.87
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4	100	ng/l	1.9	U	1.79	U	2.09	U	1.87	U	2.14	U	1.75	U	1.87
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	100	ng/l	1.9	U	1.79	U	2.09	U	1.22	U	2.14	U	1.75	U	1.87
Perfluorooctanesulfonamide (FOSA)	754-91-6	100	ng/l	1.9	U	1.79	U	2.09	U	0.33	U	2.14	U	1.75	U	1.87
PFOA/PFOS, Total		500	ng/l	47.2		30.4		**17.9**		**36.18**		**10.6**		39.6		21

TABLE 3.1
SUMMARY OF HISTORICAL PFAS EXCEEDANCES IN GROUNDWATER
FORMER GROSSINERS RESORT, LIBERTY NEW YORK

LOCATION					MW-207		MW-208		MW-209		MW-209		MW-209		MW-209	
SAMPLING DATE					7/11/2022		3/5/2020		3/6/2020		4/28/2021		9/9/2021		11/22/2021	
LAB SAMPLE ID					L2236815-04		L2010093-05		L2010346-03		L2121852-03		L2148526-05		L2164698-07	
SAMPLE TYPE					WATER		WATER		WATER		WATER		WATER		WATER	
	CasNum	NY-AWQS	Units	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Perfluorinated Alkyl Acids by Isotope Dilution																
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	10	ng/l		1.5	J	**68.2**		**1.18**	**J**	**2.44**		3.38		1.76	
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	100	ng/l	U	1.39	J	**0.792**	**J**	2.3	U	2.04	U	1.81	U	1.75	U
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	2355-31-9	100	ng/l	U	0.632	J	**8.18**		2.3	U	2.04	U	1.81	U	1.75	U
Perfluoropentanoic Acid (PFPeA)	2706-90-3	100	ng/l	U	0.935	J	**6.12**		**2.77**		**2.11**		2.27		1.2	J
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2	100	ng/l	U	0.953	J	**1.87**	**J**	2.3	U	**8.87**		24.1		1.75	U
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	100	ng/l	U	1.06	J	**9.71**		**1.26**	**J**	2.04	U	1.81	U	1.75	U
Perfluorohexanoic Acid (PFHxA)	307-24-4	100	ng/l	U	4.96		**8.38**		**2.74**		**1.84**	**J**	1.93		0.76	J
Perfluorododecanoic Acid (PFDoA)	307-55-1	100	ng/l	U	2.49		**0.518**	**J**	2.3	U	2.04	U	1.81	U	1.75	U
Perfluorooctanoic Acid (PFOA)	335-67-1	10	ng/l		1.8	U	**38.2**		**5.16**		**4.08**		4.27		2.55	
Perfluorodecanoic Acid (PFDA)	335-76-2	100	ng/l	U	0.664	J	**3.69**		2.3	U	2.04	U	1.81	U	1.75	U
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	100	ng/l	U	19.4		1.96	U	2.3	U	2.04	U	1.81	U	1.75	U
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	100	ng/l	J	0.574	J	**6.24**		2.3	U	**0.506**	**JF**	0.348	J	1.75	U
Perfluorobutanoic Acid (PFBA)	375-22-4	100	ng/l	J	1.8	U	**10.3**		**6.63**		**3.22**		5.04		2.11	
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	100	ng/l	J	1.8	U	**2.4**		**1.36**	**J**	**0.669**	**J**	1.25	J	0.547	J
Perfluoroheptanoic Acid (PFHpA)	375-85-9	100	ng/l	J	1.8	U	**6.38**		**3.04**		**1.63**	**J**	1.91		0.866	J
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	100	ng/l	U	1.8	U	**1.01**	**J**	2.3	U	2.04	U	1.81	U	1.75	U
Perfluorononanoic Acid (PFNA)	375-95-1	100	ng/l	JF	0.585	JF	**2.58**		**1.39**	**J**	**1.4**	**J**	1.81		0.578	J
Perfluorotetradecanoic Acid (PFTA)	376-06-7	100	ng/l	U	1.8	U	**0.69**	**J**	**0.618**	**J**	2.04	U	1.81	U	1.75	U
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4	100	ng/l	U	1.8	U	1.96	U	2.3	U	2.04	U	1.81	U	1.75	U
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	100	ng/l	U	1.8	U	1.96	U	2.3	U	2.04	U	1.81	U	1.75	U
Perfluorooctanesulfonamide (FOSA)	754-91-6	100	ng/l	U	1.8	U	**16.2**		2.3	U	2.04	U	1.81	U	1.75	U
PFOA/PFOS, Total		500	ng/l		24.4		**106**		**6.34**	**J**	**6.52**		7.65		4.31	

TABLE 3.1
SUMMARY OF HISTORICAL PFAS EXCEEDANCES IN GROUNDWATER
FORMER GROSSINERS RESORT, LIBERTY NEW YORK

LOCATION				MW-210		MW-210		MW-210		MW-210		MW-210		MW-211		MW-211
SAMPLING DATE				3/6/2020		9/3/2020		4/29/2021		9/8/2021		11/19/2021		3/6/2020		9/3/2020
LAB SAMPLE ID				L2010346-06		460-217659-3		L2122071-01		L2148182-03		L2164321-03		L2010346-04		460-217659-4
SAMPLE TYPE				WATER		WATER		WATER		WATER		WATER		WATER		WATER
	CasNum	NY-AWQS	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results
Perfluorinated Alkyl Acids by Isotope Dilution																
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	10	ng/l	**6.43**		**3.56**	cn	**7.25**		6.38		5.6		2.27	U	**1.75**
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	100	ng/l	2.3	U	1.11	U	1.75	U	1.83	U	1.85	U	2.27	U	1.1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	2355-31-9	100	ng/l	2.3	U	3.11	U	1.75	U	1.83	U	1.85	U	2.27	U	3.09
Perfluoropentanoic Acid (PFPeA)	2706-90-3	100	ng/l	**0.885**	**J**	**0.6**	**J**	**1.48**	**J**	0.939	J	1.37	J	**0.609**	**J**	0.49
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2	100	ng/l	2.3	U	2.01	U	1.75	U	1.83	U	1.85	U	2.27	U	**5.28**
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	100	ng/l	2.3	U	1.91	U	1.75	U	1.83	U	1.85	U	2.27	U	1.89
Perfluorohexanoic Acid (PFHxA)	307-24-4	100	ng/l	**1.21**	**J**	0.58	U	**1.8**		1.07	J	0.956	J	**0.432**	**J**	0.58
Perfluorododecanoic Acid (PFDoA)	307-55-1	100	ng/l	2.3	U	0.55	U	1.75	U	1.83	U	1.85	U	2.27	U	0.55
Perfluorooctanoic Acid (PFOA)	335-67-1	10	ng/l	**2.91**		**2.32**		**4.74**		3.05		2.78		**0.941**	**J**	**0.87**
Perfluorodecanoic Acid (PFDA)	335-76-2	100	ng/l	2.3	U	0.31	U	1.75	U	1.83	U	1.85	U	2.27	U	0.31
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	100	ng/l	2.3	U	0.32	U	1.75	U	1.83	U	1.85	U	2.27	U	0.32
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	100	ng/l	**1.1**	**J**	**1.02**	**J B**	**1.62**	**J**	1.34	J	1.13	J	2.27	U	**0.56**
Perfluorobutanoic Acid (PFBA)	375-22-4	100	ng/l	**1.59**	**J**	**1.54**	**J B**	**14**		1.64	J	1.35	J	2.27	U	**0.72**
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	100	ng/l	**0.922**	**J**	**1.1**	**J**	**1.17**	**J**	1.21	J	1.04	J	2.27	U	0.2
Perfluoroheptanoic Acid (PFHpA)	375-85-9	100	ng/l	**0.857**	**J**	**0.73**	**J**	**1.12**	**J**	0.854	J	0.77	J	2.27	U	0.25
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	100	ng/l	2.3	U	0.19	U	1.75	U	1.83	U	1.85	U	2.27	U	0.19
Perfluorononanoic Acid (PFNA)	375-95-1	100	ng/l	2.3	U	0.27	U	1.75	U	0.319	J	1.85	U	2.27	U	0.27
Perfluorotetradecanoic Acid (PFTA)	376-06-7	100	ng/l	2.3	U	0.29	U	1.75	U	1.83	U	0.448	J	2.27	U	**0.41**
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4	100	ng/l	2.3	U	2.01	U	1.75	U	1.83	U	1.85	U	2.27	U	1.99
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	100	ng/l	2.3	U	1.31	U	1.75	U	1.83	U	1.85	U	2.27	U	1.3
Perfluorooctanesulfonamide (FOSA)	754-91-6	100	ng/l	2.3	U	**0.36**	**J**	1.75	U	1.83	U	1.85	U	2.27	U	**0.35**
PFOA/PFOS, Total		500	ng/l	**9.34**		**11.23**		**12**		9.43		8.38		**0.941**	**J**	**9.94**

TABLE 3.1
SUMMARY OF HISTORICAL PFAS EXCEEDANCES IN GROUNDWATER
FORMER GROSSINERS RESORT, LIBERTY NEW YORK

LOCATION					MW-211		MW-211		MW-211		MW-213		MW-213		MW-213	
SAMPLING DATE					4/28/2021		9/9/2021		11/22/2021		3/4/2020		9/2/2020		4/27/2021	
LAB SAMPLE ID					L2121852-04		L2148526-06		L2164698-06		L2009793-01		460-217547-5		L2121570-02	
SAMPLE TYPE					WATER		WATER		WATER		WATER		WATER		WATER	
	CasNum	NY-AWQS	Units	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Perfluorinated Alkyl Acids by Isotope Dilution																
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	10	ng/l	**J**	**1.58**	**J**	1.46	J	2.06		**73.4**		**60.7**		**70**	
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	100	ng/l	U	2.04	U	1.84	U	1.81	U	1.92	U	1.04	U	1.97	U
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	2355-31-9	100	ng/l	U	2.04	U	1.84	U	1.81	U	1.92	U	2.92	U	1.97	U
Perfluoropentanoic Acid (PFPeA)	2706-90-3	100	ng/l	U	**0.551**	**J**	1.84	U	1.81	U	**9**		**7.81**		**8.53**	
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2	100	ng/l	**J**	**1.84**	**J**	1.84	U	1.81	U	1.92	U	**2.14**	**J**	1.97	U
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	100	ng/l	U	2.04	U	1.84	U	1.81	U	**1.19**	**J**	1.79	U	1.97	U
Perfluorohexanoic Acid (PFHxA)	307-24-4	100	ng/l	U	**0.555**	**J**	1.84	U	1.81	U	**11**		**8.64**		**9.6**	
Perfluorododecanoic Acid (PFDoA)	307-55-1	100	ng/l	U	2.04	U	1.84	U	1.81	U	1.92	U	0.52	U	1.97	U
Perfluorooctanoic Acid (PFOA)	335-67-1	10	ng/l	**J**	**0.939**	**J**	1.07	J	0.745	JF	**32.8**		**26.5**		**27.7**	
Perfluorodecanoic Acid (PFDA)	335-76-2	100	ng/l	U	2.04	U	1.84	U	1.81	U	**1.88**	**J**	**1.61**	**J**	**1.4**	**J**
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	100	ng/l	U	2.04	U	1.84	U	1.81	U	1.92	U	0.3	U	1.97	U
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	100	ng/l	**J B**	2.04	U	1.84	U	1.81	U	**5.37**		**4.94**	**B**	**6.29**	
Perfluorobutanoic Acid (PFBA)	375-22-4	100	ng/l	**J B**	**0.482**	**J**	0.62	J	0.445	J	**12.8**		**12.4**	**B**	**12.8**	
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	100	ng/l	U	2.04	U	0.24	J	1.81	U	**2.97**		**2.27**		**2.92**	
Perfluoroheptanoic Acid (PFHpA)	375-85-9	100	ng/l	U	2.04	U	1.84	U	1.81	U	**8.1**		**6.13**		**6.7**	
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	100	ng/l	U	2.04	U	1.84	U	1.81	U	**1.06**	**J**	**0.79**	**J**	**1.22**	**J**
Perfluorononanoic Acid (PFNA)	375-95-1	100	ng/l	U	2.04	U	1.84	U	1.81	U	**3.45**		**2.51**		**2.67**	
Perfluorotetradecanoic Acid (PFTA)	376-06-7	100	ng/l	**J**	2.04	U	1.84	U	1.81	U	1.92	U	0.27	U	1.97	U
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4	100	ng/l	U	2.04	U	1.84	U	1.81	U	1.92	U	1.88	U	1.97	U
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	100	ng/l	U	2.04	U	1.84	U	1.81	U	1.92	U	1.22	U	1.97	U
Perfluorooctanesulfonamide (FOSA)	754-91-6	100	ng/l	**J**	2.04	U	1.84	U	1.81	U	**1.42**	**J**	**1.76**	**J B**	**1.27**	JF
PFOA/PFOS, Total		500	ng/l		**2.52**	**J**	2.53	J	2.81	J	**106**		138.2		**97.7**	

TABLE 3.1
SUMMARY OF HISTORICAL PFAS EXCEEDANCES IN GROUNDWATER
FORMER GROSSINERS RESORT, LIBERTY NEW YORK

LOCATION				MW-213		MW-213		MW-213		MW-214		MW-214		MW-214		MW-214
SAMPLING DATE				9/8/2021		11/19/2021		7/12/2022		7/12/2022		3/4/2020		9/3/2020		4/27/2021
LAB SAMPLE ID				L2148182-05		L2164321-05		L2237198-01		L2237198-02		L2009793-02		460-217659-5		L2121570-01
SAMPLE TYPE				WATER		WATER		WATER		WATER		WATER		WATER		WATER
	CasNum	NY-AWQS	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results
Perfluorinated Alkyl Acids by Isotope Dilution																
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	10	ng/l	64.1		67.4		7		5.68		**47.3**		**46.6**		**40.3**
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	100	ng/l	1.75	U	1.9	U	6.14		4.5		**0.26**	**J**	1.14	U	2.01
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	2355-31-9	100	ng/l	1.75	U	0.88	JF	2.05		2.05		1.94	U	3.21	U	2.01
Perfluoropentanoic Acid (PFPeA)	2706-90-3	100	ng/l	6.09		8.21		5.93		5.34		**5.47**		**4.5**		**6.97**
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2	100	ng/l	13.6		1.9	U	4.86		4.26		1.94	U	2.07	U	2.01
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	100	ng/l	1.29	JF	1.19	J	6.04		5.22		1.94	U	1.97	U	2.01
Perfluorohexanoic Acid (PFHxA)	307-24-4	100	ng/l	7.58		7.37		23.6		23.1		**8.26**		**6.65**		**9.42**
Perfluorododecanoic Acid (PFDoA)	307-55-1	100	ng/l	1.75	U	1.9	U	10.2		1.67	J	1.94	U	0.57	U	2.01
Perfluorooctanoic Acid (PFOA)	335-67-1	10	ng/l	24		25.4		1.03	J	0.826	J	**29.9**		**25.8**		**29.5**
Perfluorodecanoic Acid (PFDA)	335-76-2	100	ng/l	1.17	J	1.13	J	1.62	J	1.1	J	**0.849**	**J**	**1.42**	**J**	**0.631**
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	100	ng/l	1.75	U	1.9	U	68.1		42.4		1.94	U	0.33	U	2.01
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	100	ng/l	5.95		7.85		0.689	J	0.495	JF	**8.26**		**5.44**	**B**	**6.66**
Perfluorobutanoic Acid (PFBA)	375-22-4	100	ng/l	8.49		7.72		1.93	U	1.9	U	**10.9**		**9.76**	**B**	**10.1**
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	100	ng/l	2.46		2.32		0.747	J	1.9	U	**3.88**		**3.32**		**3.02**
Perfluoroheptanoic Acid (PFHpA)	375-85-9	100	ng/l	5.37		5.43		1.93	U	1.9	U	**6.07**		**5.08**		**6.64**
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	100	ng/l	1.01	J	1.12	J	1.93	U	1.9	U	**1.64**	**J**	**0.75**	**J**	**1.35**
Perfluorononanoic Acid (PFNA)	375-95-1	100	ng/l	1.98		2.13		1.4	J	1.9	U	**1.08**	**J**	**1.41**	**J**	**1.29**
Perfluorotetradecanoic Acid (PFTA)	376-06-7	100	ng/l	1.75	U	0.454	J	1.84	J	1.9	U	1.94	U	0.3	U	2.01
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4	100	ng/l	1.75	U	1.9	U	1.93	U	1.9	U	1.94	U	2.07	U	2.01
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	100	ng/l	1.75	U	1.9	U	1.93	U	1.9	U	1.94	U	1.35	U	2.01
Perfluorooctanesulfonamide (FOSA)	754-91-6	100	ng/l	1.05	JF	0.941	JF	1.93	U	1.9	U	1.94	U	**2.04**	**J**	**0.8**
PFOA/PFOS, Total		500	ng/l	88.1		92.8		91.7		65.5		**77.2**		**112.77**		**69.8**

TABLE 3.1
SUMMARY OF HISTORICAL PFAS EXCEEDANCES IN GROUNDWATER
FORMER GROSSINERS RESORT, LIBERTY NEW YORK

LOCATION					MW-214		MW-214		MW-214		MW-216		MW-216		MW-216	
SAMPLING DATE					9/9/2021		11/22/2021		7/12/2022		3/6/2020		9/3/2020		4/28/2021	
LAB SAMPLE ID					L2148526-07		L2164698-03		L2237198-02		L2010346-01		460-217659-6		L2121852-05	
SAMPLE TYPE					WATER		WATER		WATER		WATER		WATER		WATER	
	CasNum	NY-AWQS	Units	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Perfluorinated Alkyl Acids by Isotope Dilution																
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	10	ng/l		**30.5**		**56.2**		5.68		**6.51**		**24.8**		**24.9**	
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	100	ng/l	U	1.78	U	2.12	U	4.5		1.93	U	1.01	U	1.8	U
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	2355-31-9	100	ng/l	U	1.78	U	2.12	U	2.05		1.93	U	2.84	U	1.8	U
Perfluoropentanoic Acid (PFPeA)	2706-90-3	100	ng/l	**F**	1.93		4.84		5.34		**2.06**		**2.52**		**2.4**	
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2	100	ng/l	U	1.78	U	2.12	U	4.26		1.93	U	1.83	U	**2.29**	
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	100	ng/l	U	1.78	U	2.12	U	5.22		1.93	U	1.74	U	**0.744**	**J**
Perfluorohexanoic Acid (PFHxA)	307-24-4	100	ng/l		3.87		6.17		23.1		**2.95**		**2.62**		**3.06**	
Perfluorododecanoic Acid (PFDoA)	307-55-1	100	ng/l	U	1.78	U	2.12	U	1.67	J	1.93	U	0.5	U	1.8	U
Perfluorooctanoic Acid (PFOA)	335-67-1	10	ng/l		**15.9**		**24.7**		0.826	J	**8.18**		**9.39**		**10.8**	
Perfluorodecanoic Acid (PFDA)	335-76-2	100	ng/l	**JF**	1.78	U	0.679	J	1.1	J	1.93	U	**0.34**	**J**	**0.375**	**JF**
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	100	ng/l	U	1.78	U	2.12	U	42.4		1.93	U	0.29	U	1.8	U
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	100	ng/l		5.31		6.15		0.495	JF	**1.8**	**J**	**2.96**	**B**	**3.56**	
Perfluorobutanoic Acid (PFBA)	375-22-4	100	ng/l		4.55		7.55		1.9	U	**4.28**		**4.37**	**B**	**5.08**	
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	100	ng/l		2.55		2.31		1.9	U	**1.35**	**J**	**1.19**	**J**	**1.3**	**J**
Perfluoroheptanoic Acid (PFHpA)	375-85-9	100	ng/l		2.99		4.81		1.9	U	**2.12**		**1.88**		**2.39**	
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	100	ng/l	**J**	0.821	J	1.49	J	1.9	U	1.93	U	0.17	U	1.8	U
Perfluorononanoic Acid (PFNA)	375-95-1	100	ng/l	**J**	0.35	J	1.25	JF	1.9	U	**0.402**	**J**	**0.73**	**J**	**0.859**	**J**
Perfluorotetradecanoic Acid (PFTA)	376-06-7	100	ng/l	U	1.78	U	2.12	U	1.9	U	**0.259**	**J**	0.27	U	1.8	U
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4	100	ng/l	U	1.78	U	2.12	U	1.9	U	1.93	U	1.83	U	1.8	U
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	100	ng/l	U	1.78	U	2.12	U	1.9	U	1.93	U	1.19	U	1.8	U
Perfluorooctanesulfonamide (FOSA)	754-91-6	100	ng/l	**JF**	1.78	U	1.32	JF	1.9	U	1.93	U	**1.06**	**J**	**0.664**	**J**
PFOA/PFOS, Total		500	ng/l		46.4		80.9		65.5		**14.7**		**51.86**		**35.7**	

TABLE 3.1
SUMMARY OF HISTORICAL PFAS EXCEEDANCES IN GROUNDWATER
FORMER GROSSINERS RESORT, LIBERTY NEW YORK

LOCATION				MW-216		MW-216		MW-216		MW-217		MW-217		MW-217	
SAMPLING DATE				9/8/2021		11/19/2021		7/11/2022		3/6/2020		9/3/2020		4/28/2021	
LAB SAMPLE ID				L2148182-06		L2164321-06		L2236815-05		L2010346-02		460-217659-7		L2121852-06	
SAMPLE TYPE				WATER		WATER		WATER		WATER		WATER		WATER	
	CasNum	NY-AWQS	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Perfluorinated Alkyl Acids by Isotope Dilution															
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	10	ng/l	20.8		15.7		3.75		**30**		**42.1**		**19.5**	
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	100	ng/l	1.78	U	1.88	U	1.83		1.94	U	1.03	U	1.77	U
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	2355-31-9	100	ng/l	1.78	U	1.88	U	1.23	J	1.94	U	2.91	U	1.77	U
Perfluoropentanoic Acid (PFPeA)	2706-90-3	100	ng/l	4.29		3.7		2.22		**2.11**		**1.57**	**J**	**2.18**	
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2	100	ng/l	28.4		1.88	U	1.74	J	1.94	U	**4.04**	**J**	**1.36**	**J**
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	100	ng/l	1.78	U	1.88	U	2.19	F	1.94	U	1.79	U	1.77	U
Perfluorohexanoic Acid (PFHxA)	307-24-4	100	ng/l	4.44		3.08		7.28		**3.4**		**2.59**		**3.86**	
Perfluorododecanoic Acid (PFDoA)	307-55-1	100	ng/l	1.78	U	1.88	U	5.61		1.94	U	0.52	U	1.77	U
Perfluorooctanoic Acid (PFOA)	335-67-1	10	ng/l	11.7		9.79		1.78	U	**15.7**		**13.8**		**14.6**	
Perfluorodecanoic Acid (PFDA)	335-76-2	100	ng/l	0.286	JF	1.88	U	0.705	J	**0.473**	**J**	**0.71**	**J**	1.77	U
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	100	ng/l	1.78	U	1.88	U	21.2		1.94	U	0.3	U	1.77	U
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	100	ng/l	2.88		2.1		0.328	JF	**7.38**		**4.48**	**B**	**5.7**	
Perfluorobutanoic Acid (PFBA)	375-22-4	100	ng/l	7.11		4.42		1.78	U	**4.31**		**3.68**	**B**	**3.66**	
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	100	ng/l	1.48	J	1.23	J	1.78	U	**2.93**		**2.13**		**2.75**	
Perfluoroheptanoic Acid (PFHpA)	375-85-9	100	ng/l	2.68		2.1		1.78	U	**2.66**		**2.07**		**2.74**	
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	100	ng/l	1.78	U	1.88	U	1.78	U	**0.752**	**J**	**0.61**	**J**	1.77	U
Perfluorononanoic Acid (PFNA)	375-95-1	100	ng/l	0.7	J	0.51	J	1.78	U	**1.08**	**J**	**1.51**	**J**	**0.496**	**J**
Perfluorotetradecanoic Acid (PFTA)	376-06-7	100	ng/l	1.78	U	0.416	J	1.78	U	1.94	U	0.27	U	1.77	U
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4	100	ng/l	1.78	U	1.88	U	1.78	U	1.94	U	1.88	U	1.77	U
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	100	ng/l	1.78	U	1.88	U	1.78	U	1.94	U	1.22	U	1.77	U
Perfluorooctanesulfonamide (FOSA)	754-91-6	100	ng/l	1.78	U	1.88	U	1.78	U	1.94	U	**1.21**	**J**	1.77	U
PFOA/PFOS, Total		500	ng/l	32.5		25.5		28.5		**45.7**		**80.5**		**34.1**	

TABLE 3.1
SUMMARY OF HISTORICAL PFAS EXCEEDANCES IN GROUNDWATER
FORMER GROSSINERS RESORT, LIBERTY NEW YORK

LOCATION				MW-217		MW-217		MW-217	
SAMPLING DATE				9/8/2021		11/19/2021		7/11/2022	
LAB SAMPLE ID				L2148182-07		L2164321-07		L2236815-06	
SAMPLE TYPE				WATER		WATER		WATER	
	CasNum	NY-AWQS	Units	Results	Qual	Results	Qual	Results	Qual
Perfluorinated Alkyl Acids by Isotope Dilution									
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	10	ng/l	38.6		27		2.26	
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	100	ng/l	1.76	U	1.95	U	1.41	J
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	2355-31-9	100	ng/l	1.76	U	1.95	U	2.1	
Perfluoropentanoic Acid (PFPeA)	2706-90-3	100	ng/l	3.15		2.36		1.97	
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2	100	ng/l	26.9		1.95	U	1.55	J
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	100	ng/l	1.76	U	1.95	U	3.88	
Perfluorohexanoic Acid (PFHxA)	307-24-4	100	ng/l	5.25		2.74		9.15	
Perfluorododecanoic Acid (PFDoA)	307-55-1	100	ng/l	1.76	U	1.95	U	3.05	
Perfluorooctanoic Acid (PFOA)	335-67-1	10	ng/l	21.4		12.8		1.74	U
Perfluorodecanoic Acid (PFDA)	335-76-2	100	ng/l	0.303	J	0.305	JF	1.74	U
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	100	ng/l	1.76	U	1.95	U	15.8	
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	100	ng/l	6.05		5.16		1.74	U
Perfluorobutanoic Acid (PFBA)	375-22-4	100	ng/l	6.43		3.06		1.74	U
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	100	ng/l	3.78		2.48		1.74	U
Perfluoroheptanoic Acid (PFHpA)	375-85-9	100	ng/l	3.75		2.31		1.74	U
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	100	ng/l	0.978	J	0.691	J	1.74	U
Perfluorononanoic Acid (PFNA)	375-95-1	100	ng/l	0.887	J	0.52	J	1.74	U
Perfluorotetradecanoic Acid (PFTA)	376-06-7	100	ng/l	1.76	U	0.477	J	1.74	U
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4	100	ng/l	1.76	U	1.95	U	1.74	U
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	100	ng/l	1.76	U	1.95	U	1.74	U
Perfluorooctanesulfonamide (FOSA)	754-91-6	100	ng/l	1.76	U	1.95	U	1.74	U
PFOA/PFOS, Total		500	ng/l	60		39.8		25	

TABLE 3.4
SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS
FORMER GROSSINERS RESORT, LIBERTY NEW YORK

LOCATION			SMPV-1		SMPV-1		SMPV-1		SMPV-1		SMPV-2		SMPV-2		SMPV-2		SMPV-2		SMPV-3	
SAMPLING DATE			3/6/2020		4/29/2021		9/20/2021		7/12/2022		3/6/2020		4/29/2021		9/20/2021		7/12/2022		3/6/2020	
LAB SAMPLE ID			L2010375-03		L2122115-01		L2150716-01		L2237175-01		L2010375-05		L2122115-02		L2150716-02		L2237175-02		L2010375-04	
SAMPLE TYPE			SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR	
SAMPLE DEPTH (ft.)																				
	CasNum	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics in Air																				
Ethylbenzene	100-41-4	ug/m3	**1.8**		**3.44**		0.869	U	10.9		0.869	U	**6.34**		0.869	U	10.3		0.869	U
Styrene	100-42-5	ug/m3	0.852	U	0.852	U	0.852	U	0.852	U	0.852	U	0.852	U	0.852	U	0.852	U	0.852	U
Benzyl chloride	100-44-7	ug/m3	1.04	U	1.04	U	1.04	U	1.04	U	1.04	U	1.04	U	1.04	U	1.04	U	1.04	U
cis-1,3-Dichloropropene	10061-01-5	ug/m3	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U
trans-1,3-Dichloropropene	10061-02-6	ug/m3	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U
1,4-Dichlorobenzene	106-46-7	ug/m3	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U
1,2-Dibromoethane	106-93-4	ug/m3	1.54	U	1.54	U	1.54	U	1.54	U	1.54	U	1.54	U	1.54	U	1.54	U	1.54	U
1,3-Butadiene	106-99-0	ug/m3	0.442	U	0.442	U	0.442	U	0.442	U	0.442	U	0.442	U	0.442	U	0.442	U	0.442	U
3-Chloropropene	107-05-1	ug/m3	0.626	U	0.626	U	0.626	U	0.626	U	0.626	U	0.626	U	0.626	U	0.626	U	0.626	U
1,2-Dichloroethane	107-06-2	ug/m3	0.809	U	0.809	U	0.809	U	0.809	U	0.809	U	0.809	U	0.809	U	0.809	U	0.809	U
4-Methyl-2-pentanone	108-10-1	ug/m3	2.05	U	**12**		2.05	U	22.7		2.05	U	**14.5**		2.05	U	22.5		2.05	U
1,3,5-Trimethylbenzene	108-67-8	ug/m3	0.983	U	**2.05**		0.983	U	0.983	U	0.983	U	**2.69**		0.983	U	0.983	U	0.983	U
Toluene	108-88-3	ug/m3	**5.35**		**7.65**		1.36		10.1		0.754	U	**17.3**		1.14		7.99		0.754	U
Chlorobenzene	108-90-7	ug/m3	0.921	U	0.921	U	0.921	U	0.921	U	0.921	U	0.921	U	0.921	U	0.921	U	0.921	U
Tetrahydrofuran	109-99-9	ug/m3	1.47	U	1.47	U	1.47	U	2.75		1.47	U	1.47	U	1.47	U	2.48		1.47	U
n-Hexane	110-54-3	ug/m3	**1.65**		0.705	U	0.705	U	0.983		0.705	U	**0.758**		0.705	U	0.705	U	0.705	U
Cyclohexane	110-82-7	ug/m3	**0.926**		0.688	U	0.688	U	2.95		0.688	U	**0.792**		0.688	U	1.5		0.688	U
1,2,4-Trichlorobenzene	120-82-1	ug/m3	1.48	U	1.48	U	1.48	U	1.48	U	1.48	U	1.48	U	1.48	U	1.48	U	1.48	U
1,4-Dioxane	123-91-1	ug/m3	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U
Dibromochloromethane	124-48-1	ug/m3	1.7	U	**1.7**	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Tetrachloroethene	127-18-4	ug/m3	**9.36**		1.36	U	18.9		1.36	U	1.36	U	1.36	U	20.3		1.36	U	1.36	U
Ethyl Acetate	141-78-6	ug/m3	1.8	U	1.8	U	1.8	U	4.22		1.8	U	1.8	U	1.8	U	2.65		1.8	U
Heptane	142-82-5	ug/m3	**1.38**		**1.07**		0.82	U	1.3		0.82	U	**2.39**		0.82	U	1.01		0.82	U
cis-1,2-Dichloroethene	156-59-2	ug/m3	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U
trans-1,2-Dichloroethene	156-60-5	ug/m3	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U
Methyl tert butyl ether	1634-04-4	ug/m3	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U
p/m-Xylene	179601-23-1	ug/m3	**7.21**		**13**		1.74	U	16.5		1.74	U	**23.7**		2.06		16.8		1.74	U
2,2,4-Trimethylpentane	540-84-1	ug/m3	0.934	U	**1.65**		0.934	U	0.934	U	0.934	U	**2.56**		0.934	U	0.934	U	0.934	U
1,3-Dichlorobenzene	541-73-1	ug/m3	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U
Carbon tetrachloride	56-23-5	ug/m3	1.26	U	1.26	U	1.26	U	1.26	U	1.26	U	1.26	U	1.26	U	1.26	U	1.26	U
2-Hexanone	591-78-6	ug/m3	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U
Vinyl bromide	593-60-2	ug/m3	0.874	U	0.874	U	0.874	U	0.874	U	0.874	U	0.874	U	0.874	U	0.874	U	0.874	U
4-Ethyltoluene	622-96-8	ug/m3	**0.998**		**1.32**		0.983	U	0.983	U	0.983	U	**2.02**		0.983	U	0.983	U	0.983	U
Ethanol	64-17-5	ug/m3	9.42	U	**77.6**		22.6		237		9.42	U	**119**		29.2		226		9.42	U
Isopropanol	67-63-0	ug/m3	**3.07**		**1.74**		1.86		8.78		1.23	U	**1.6**		1.53		4.92		1.23	U
Acetone	67-64-1	ug/m3	**9.29**		**35.2**		27.3		88.6		**4.25**		**28**		19.8		97.4		**4.85**	
Chloroform	67-66-3	ug/m3	0.977	U	0.977	U	0.977	U	0.977	U	0.977	U	0.977	U	0.977	U	0.977	U	0.977	U
Benzene	71-43-2	ug/m3	**0.811**		**2.37**		1.65		5.24		0.639	U	**1.52**		1.53		7.16		0.639	U
1,1,1-Trichloroethane	71-55-6	ug/m3	1.09	U	1.09	U	1.09	U	1.09	U	1.09	U	1.09	U	1.09	U	1.09	U	1.09	U
Bromomethane	74-83-9	ug/m3	0.777	U	0.777	U	0.777	U	0.777	U	0.777	U	0.777	U	0.777	U	0.777	U	0.777	U
Chloromethane	74-87-3	ug/m3	0.413	U	0.413	U	0.413	U	0.413	U	**0.997**		0.413	U	0.413	U	0.413	U	**1.11**	
Chloroethane	75-00-3	ug/m3	0.528	U	0.528	U	0.528	U	0.528	U	0.528	U	0.528	U	0.528	U	0.528	U	0.528	U

TABLE 3.4
SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS
FORMER GROSSINERS RESORT, LIBERTY NEW YORK

LOCATION			SMPV-1		SMPV-1		SMPV-1		SMPV-1		SMPV-2		SMPV-2		SMPV-2		SMPV-2		SMPV-3	
SAMPLING DATE			3/6/2020		4/29/2021		9/20/2021		7/12/2022		3/6/2020		4/29/2021		9/20/2021		7/12/2022		3/6/2020	
LAB SAMPLE ID			L2010375-03		L2122115-01		L2150716-01		L2237175-01		L2010375-05		L2122115-02		L2150716-02		L2237175-02		L2010375-04	
SAMPLE TYPE			SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR	
SAMPLE DEPTH (ft.)																				
	CasNum	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Vinyl chloride	75-01-4	ug/m3	0.511	U	0.511	U	0.511	U	0.511	U	0.511	U	0.511	U	0.511	U	0.511	U	0.511	U
Methylene chloride	75-09-2	ug/m3	1.74	U	1.74	U	1.74	U	3.2		1.74	U	1.74	U	1.74	U	3.19		1.74	U
Carbon disulfide	75-15-0	ug/m3	**2.73**		0.623	U	0.623	U	2.69		0.623	U	0.623	U	0.623	U	0.626		0.623	U
Bromoform	75-25-2	ug/m3	2.07	U	2.07	U	2.07	U	2.07	U	2.07	U	2.07	U	2.07	U	2.07	U	2.07	U
Bromodichloromethane	75-27-4	ug/m3	1.34	U	1.34	U	1.34	U	1.34	U	1.34	U	1.34	U	1.34	U	1.34	U	1.34	U
1,1-Dichloroethane	75-34-3	ug/m3	0.809	U	0.809	U	0.809	U	0.809	U	0.809	U	0.809	U	0.809	U	0.809	U	0.809	U
1,1-Dichloroethene	75-35-4	ug/m3	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U
Tertiary butyl Alcohol	75-65-0	ug/m3	1.52	U	**4.49**		4.15		34.6		1.52	U	**2.15**		3.06		15		1.52	U
Trichlorofluoromethane	75-69-4	ug/m3	**4.24**		**2.56**		6.57		5.9		1.12	U	**21.5**		58.4		27.2		**3.2**	
Dichlorodifluoromethane	75-71-8	ug/m3	**3.21**		**2.36**		2.09		3.63		**2.16**		**2.52**		2.62		3.26		**4.84**	
Freon-113	76-13-1	ug/m3	1.53	U	1.53	U	1.53	U	1.53	U	1.53	U	1.53	U	1.53	U	1.53	U	1.53	U
Freon-114	76-14-2	ug/m3	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U
1,2-Dichloropropane	78-87-5	ug/m3	0.924	U	0.924	U	0.924	U	0.924	U	0.924	U	0.924	U	0.924	U	0.924	U	0.924	U
2-Butanone	78-93-3	ug/m3	**2.98**		**2.07**		12.9		3.13		1.47	U	**1.63**		1.53		3.33		1.47	U
1,1,2-Trichloroethane	79-00-5	ug/m3	1.09	U	1.09	U	1.09	U	1.09	U	1.09	U	1.09	U	1.09	U	1.09	U	1.09	U
Trichloroethene	79-01-6	ug/m3	1.07	U	1.07	U	1.07	U	1.07	U	1.07	U	1.07	U	1.07	U	1.07	U	1.07	U
1,1,2,2-Tetrachloroethane	79-34-5	ug/m3	1.37	U	1.37	U	1.37	U	1.37	U	1.37	U	1.37	U	1.37	U	1.37	U	1.37	U
Hexachlorobutadiene	87-68-3	ug/m3	2.13	U	2.13	U	2.13	U	2.13	U	2.13	U	2.13	U	2.13	U	2.13	U	2.13	U
o-Xylene	95-47-6	ug/m3	**2.64**		**5.47**		0.869	U	8.73		0.869	U	**8.9**		0.934		8.56		0.869	U
1,2-Dichlorobenzene	95-50-1	ug/m3	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U
1,2,4-Trimethylbenzene	95-63-6	ug/m3	**3.95**		**6.59**		1.39		1.9		0.983	U	**8.65**		1.27		1.83		0.983	U

TABLE 3.4
SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS
FORMER GROSSINERS RESORT, LIBERTY NEW YORK

LOCATION			SMPV-3		SMPV-3		SMPV-10		SMPV-10		SMPV-10		SMPV-10		SMPV-11		SMPV-11		SMPV-11	
SAMPLING DATE			4/29/2021		7/12/2022		3/6/2020		4/28/2021		9/20/2021		7/12/2022		3/6/2020		4/28/2021		9/20/2021	
LAB SAMPLE ID			L2122115-03		L2237175-03		L2010375-07		L2122189-02		L2150716-03		L2237175-04		L2010375-08		L2122189-03		L2150716-04	
SAMPLE TYPE			SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR	
SAMPLE DEPTH (ft.)																				
	CasNum	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics in Air																				
Ethylbenzene	100-41-4	ug/m3	**2.99**		5.34		**2.9**		**1.39**		0.869	U	17.9		0.869	U	**1.6**		0.869	U
Styrene	100-42-5	ug/m3	0.852	U	0.852	U	0.852	U	0.869		0.852	U	0.852	U	0.852	U	0.852	U	0.852	U
Benzyl chloride	100-44-7	ug/m3	1.04	U	1.04	U	1.04	U	1.04	U	1.04	U	1.04	U	1.04	U	1.04	U	1.04	U
cis-1,3-Dichloropropene	10061-01-5	ug/m3	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U
trans-1,3-Dichloropropene	10061-02-6	ug/m3	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U
1,4-Dichlorobenzene	106-46-7	ug/m3	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U
1,2-Dibromoethane	106-93-4	ug/m3	1.54	U	1.54	U	1.54	U	1.54	U	1.54	U	1.54	U	1.54	U	1.54	U	1.54	U
1,3-Butadiene	106-99-0	ug/m3	0.442	U	0.442	U	0.442	U	0.442	U	0.442	U	0.442	U	0.442	U	0.442	U	0.442	U
3-Chloropropene	107-05-1	ug/m3	0.626	U	0.626	U	0.626	U	0.626	U	0.626	U	0.626	U	0.626	U	0.626	U	0.626	U
1,2-Dichloroethane	107-06-2	ug/m3	0.809	U	0.809	U	0.809	U	0.809	U	0.809	U	0.809	U	0.809	U	0.809	U	0.809	U
4-Methyl-2-pentanone	108-10-1	ug/m3	**11.1**		2.05	U	2.05	U	**2.83**		2.05	U	26.4		2.05	U	2.05	U	2.05	U
1,3,5-Trimethylbenzene	108-67-8	ug/m3	**3.44**		0.983	U	**1.67**		0.983	U	0.983	U	0.983	U	0.983	U	0.983	U	0.983	U
Toluene	108-88-3	ug/m3	**6.26**		3.72		**8.37**		**29.8**		1.2		10.5		0.754	U	**13.8**		3.53	
Chlorobenzene	108-90-7	ug/m3	0.921	U	0.921	U	0.921	U	0.921	U	0.921	U	0.921	U	0.921	U	0.921	U	0.921	U
Tetrahydrofuran	109-99-9	ug/m3	1.47	U	1.47	U	1.47	U	1.47	U	1.47	U	3.24		1.47	U	1.47	U	1.47	U
n-Hexane	110-54-3	ug/m3	0.705	U	0.945		**1.2**		**7.96**		0.705	U	0.789		**1.09**		**2.22**		0.705	U
Cyclohexane	110-82-7	ug/m3	0.688	U	1.1		0.688	U	0.688	U	0.688	U	2.46		**0.998**		**1.92**		0.688	U
1,2,4-Trichlorobenzene	120-82-1	ug/m3	1.48	U	1.48	U	1.48	U	1.48	U	1.48	U	1.48	U	1.48	U	1.48	U	1.48	U
1,4-Dioxane	123-91-1	ug/m3	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U
Dibromochloromethane	124-48-1	ug/m3	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Tetrachloroethene	127-18-4	ug/m3	1.36	U	1.36	U	**14.2**		1.36	U	8.68		1.36	U	1.36	U	1.36	U	8.95	
Ethyl Acetate	141-78-6	ug/m3	1.8	U	1.8	U	1.8	U	**94.8**		1.8	U	3.07		1.8	U	**26.4**		1.8	U
Heptane	142-82-5	ug/m3	**1.11**		0.82	U	**1.36**		**1.79**		0.82	U	1.49		0.82	U	**1.47**		0.82	U
cis-1,2-Dichloroethene	156-59-2	ug/m3	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U
trans-1,2-Dichloroethene	156-60-5	ug/m3	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U
Methyl tert butyl ether	1634-04-4	ug/m3	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U
p/m-Xylene	179601-23-1	ug/m3	**14.3**		6.21		**11.4**		**6.47**		1.74	U	23		1.74	U	**6.99**		1.74	U
2,2,4-Trimethylpentane	540-84-1	ug/m3	**1.55**		0.934	U	0.934	U	0.934	U	0.934	U	0.934	U	0.934	U	**3.46**		0.934	U
1,3-Dichlorobenzene	541-73-1	ug/m3	**1.69**		1.2	U	1.2	U	**1.32**		1.2	U	1.2	U	1.2	U	1.2	U	1.2	U
Carbon tetrachloride	56-23-5	ug/m3	1.26	U	1.26	U	1.26	U	1.26	U	1.26	U	1.26	U	1.26	U	1.26	U	1.26	U
2-Hexanone	591-78-6	ug/m3	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	1.04		0.82	U	0.82	U	0.82	U
Vinyl bromide	593-60-2	ug/m3	0.874	U	0.874	U	0.874	U	0.874	U	0.874	U	0.874	U	0.874	U	0.874	U	0.874	U
4-Ethyltoluene	622-96-8	ug/m3	**2.07**		0.983	U	**1.51**		0.983	U	0.983	U	0.983	U	0.983	U	0.983	U	0.983	U
Ethanol	64-17-5	ug/m3	**71.6**		13.4		9.42	U	**38.8**		38.6		154		9.42	U	**23.2**		18.6	
Isopropanol	67-63-0	ug/m3	**1.23**		1.66		1.23	U	**32.4**		1.28		6.15		1.23	U	**9**		1.23	U
Acetone	67-64-1	ug/m3	**33.5**		13		**10.7**		**91**		14.1		158		**4.58**		**27.3**		9.07	
Chloroform	67-66-3	ug/m3	0.977	U	1		0.977	U	0.977	U	0.977	U	0.977	U	0.977	U	0.977	U	0.977	U
Benzene	71-43-2	ug/m3	**2.87**		0.639	U	**1.09**		**1.9**		0.639	U	8.79		**0.652**		**2.87**		0.639	U
1,1,1-Trichloroethane	71-55-6	ug/m3	1.09	U	1.09	U	1.09	U	1.09	U	1.09	U	1.09	U	1.09	U	1.09	U	1.09	U
Bromomethane	74-83-9	ug/m3	0.777	U	0.777	U	0.777	U	0.777	U	0.777	U	0.777	U	0.777	U	0.777	U	0.777	U
Chloromethane	74-87-3	ug/m3	**1.29**		0.502		**0.537**		**0.541**		0.413	U	0.578		**1.08**		0.413	U	0.413	U
Chloroethane	75-00-3	ug/m3	0.528	U	0.528	U	0.528	U	0.528	U	0.528	U	0.528	U	0.528	U	0.528	U	0.528	U

TABLE 3.4
SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS
FORMER GROSSINERS RESORT, LIBERTY NEW YORK

LOCATION			SMPV-3		SMPV-3		SMPV-10		SMPV-10		SMPV-10		SMPV-10		SMPV-11		SMPV-11		SMPV-11	
SAMPLING DATE			4/29/2021		7/12/2022		3/6/2020		4/28/2021		9/20/2021		7/12/2022		3/6/2020		4/28/2021		9/20/2021	
LAB SAMPLE ID			L2122115-03		L2237175-03		L2010375-07		L2122189-02		L2150716-03		L2237175-04		L2010375-08		L2122189-03		L2150716-04	
SAMPLE TYPE			SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR	
SAMPLE DEPTH (ft.)																				
	CasNum	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Vinyl chloride	75-01-4	ug/m3	0.511	U	0.511	U	0.511	U	0.511	U	0.511	U	0.511	U	0.511	U	0.511	U	0.511	U
Methylene chloride	75-09-2	ug/m3	1.74	U	23.8		1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U
Carbon disulfide	75-15-0	ug/m3	0.623	U	1.15		0.623	U	0.623	U	0.623	U	1.16		0.623	U	0.623	U	0.623	U
Bromoform	75-25-2	ug/m3	2.07	U	2.07	U	2.07	U	2.07	U	2.07	U	2.07	U	2.07	U	2.07	U	2.07	U
Bromodichloromethane	75-27-4	ug/m3	1.34	U	1.34	U	1.34	U	1.34	U	1.34	U	1.34	U	1.34	U	1.34	U	1.34	U
1,1-Dichloroethane	75-34-3	ug/m3	0.809	U	0.809	U	0.809	U	0.809	U	0.809	U	0.809	U	0.809	U	0.809	U	0.809	U
1,1-Dichloroethene	75-35-4	ug/m3	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U
Tertiary butyl Alcohol	75-65-0	ug/m3	**4.52**		10.4		1.52	U	**18.9**		1.52	U	31.8		1.52	U	**3.52**		1.52	U
Trichlorofluoromethane	75-69-4	ug/m3	**1.21**		2.11		**111**		**21.5**		7.81		43.9		**9.72**		**238**		1280	E
Dichlorodifluoromethane	75-71-8	ug/m3	**2.34**		3.89		**73.2**		**8.41**		2.67		10.3		**2.52**		**2.24**		2.38	
Freon-113	76-13-1	ug/m3	1.53	U	1.53	U	1.53	U	1.53	U	1.53	U	1.53	U	1.53	U	1.53	U	1.53	U
Freon-114	76-14-2	ug/m3	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U
1,2-Dichloropropane	78-87-5	ug/m3	0.924	U	0.924	U	0.924	U	0.924	U	0.924	U	0.924	U	0.924	U	0.924	U	0.924	U
2-Butanone	78-93-3	ug/m3	**2.4**		1.65		**1.83**		**4.75**		1.47	U	5.49		1.47	U	1.47	U	1.47	U
1,1,2-Trichloroethane	79-00-5	ug/m3	1.09	U	1.09	U	1.09	U	1.09	U	1.09	U	1.09	U	1.09	U	1.09	U	1.09	U
Trichloroethene	79-01-6	ug/m3	1.07	U	1.07	U	1.07	U	1.07	U	1.07	U	1.07	U	1.07	U	1.07	U	1.07	U
1,1,2,2-Tetrachloroethane	79-34-5	ug/m3	1.37	U	1.37	U	1.37	U	1.37	U	1.37	U	1.37	U	1.37	U	1.37	U	1.37	U
Hexachlorobutadiene	87-68-3	ug/m3	2.13	U	2.13	U	2.13	U	2.13	U	2.13	U	2.13	U	2.13	U	2.13	U	2.13	U
o-Xylene	95-47-6	ug/m3	**5.78**		3.9		**4.34**		**3.34**		0.869	U	13.5		0.869	U	**3.5**		0.869	U
1,2-Dichlorobenzene	95-50-1	ug/m3	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.47		1.2	U	1.2	U	1.2	U
1,2,4-Trimethylbenzene	95-63-6	ug/m3	**9.14**		0.983	U	**6.34**		0.983	U	0.983	U	2.44		0.983	U	**1.71**		0.983	U

TABLE 3.4
SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS
FORMER GROSSINERS RESORT, LIBERTY NEW YORK

LOCATION			SMPV-11		SMPV-11		SMPV-12		SMPV-12		SMPV-13		SMPV-13		SMPV-13		SMPV-13		SMPV-13	
SAMPLING DATE			9/20/2021		7/12/2022		3/6/2020		7/12/2022		3/6/2020		4/28/2021		9/20/2021		7/12/2022		7/12/2022	
LAB SAMPLE ID			L2150716-04 R1		L2237175-05		L2010375-06		L2237175-06		L2010375-02		L2122189-04		L2150716-05		L2237175-07		L2237175-07 R1	
SAMPLE TYPE			SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR	
SAMPLE DEPTH (ft.)																				
	CasNum	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics in Air																				
Ethylbenzene	100-41-4	ug/m3	-	-	12.8		0.869	U	9.64		0.869	U	0.869	U	0.869	U	8.51		-	-
Styrene	100-42-5	ug/m3	-	-	4.26	U	0.852	U	0.852	U	0.852	U	0.852	U	0.852	U	1.78	U	-	-
Benzyl chloride	100-44-7	ug/m3	-	-	5.18	U	1.04	U	1.04	U	1.04	U	1.04	U	1.04	U	2.16	U	-	-
cis-1,3-Dichloropropene	10061-01-5	ug/m3	-	-	4.54	U	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U	1.89	U	-	-
trans-1,3-Dichloropropene	10061-02-6	ug/m3	-	-	4.54	U	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U	1.89	U	-	-
1,4-Dichlorobenzene	106-46-7	ug/m3	-	-	6.01	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	2.51	U	-	-
1,2-Dibromoethane	106-93-4	ug/m3	-	-	7.69	U	1.54	U	1.54	U	1.54	U	1.54	U	1.54	U	3.2	U	-	-
1,3-Butadiene	106-99-0	ug/m3	-	-	2.21	U	0.442	U	0.442	U	0.878		0.442	U	0.442	U	0.923	U	-	-
3-Chloropropene	107-05-1	ug/m3	-	-	3.13	U	0.626	U	0.626	U	0.626	U	0.626	U	0.626	U	1.31	U	-	-
1,2-Dichloroethane	107-06-2	ug/m3	-	-	4.05	U	0.809	U	0.809	U	0.809	U	0.809	U	0.809	U	1.69	U	-	-
4-Methyl-2-pentanone	108-10-1	ug/m3	-	-	44.3		2.05	U	23.5		2.05	U	2.05	U	2.05	U	27.3		-	-
1,3,5-Trimethylbenzene	108-67-8	ug/m3	-	-	4.92	U	0.983	U	0.983	U	0.983	U	0.983	U	0.983	U	2.05	U	-	-
Toluene	108-88-3	ug/m3	-	-	9.12		0.754	U	6.93		0.837		**2.69**		1.07		5.84		-	-
Chlorobenzene	108-90-7	ug/m3	-	-	4.61	U	0.921	U	0.921	U	0.921	U	0.921	U	0.921	U	1.92	U	-	-
Tetrahydrofuran	109-99-9	ug/m3	-	-	7.37	U	1.47	U	2.2		1.47	U	1.47	U	1.47	U	3.07	U	-	-
n-Hexane	110-54-3	ug/m3	-	-	268		0.705	U	0.705	U	0.705		0.705	U	0.705	U	38.8		-	-
Cyclohexane	110-82-7	ug/m3	-	-	309		0.688	U	2.13		0.688	U	0.688	U	0.688	U	72.3		-	-
1,2,4-Trichlorobenzene	120-82-1	ug/m3	-	-	7.42	U	1.48	U	1.48	U	1.48	U	1.48	U	1.48	U	3.1	U	-	-
1,4-Dioxane	123-91-1	ug/m3	-	-	3.6	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	1.5	U	-	-
Dibromochloromethane	124-48-1	ug/m3	-	-	8.52	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	3.55	U	-	-
Tetrachloroethene	127-18-4	ug/m3	-	-	6.78	U	1.36	U	1.36	U	1.36	U	**1.45**		10.6		2.83	U	-	-
Ethyl Acetate	141-78-6	ug/m3	-	-	9.01	U	1.8	U	2.68		1.8	U	**9.3**		1.8	U	3.75	U	-	-
Heptane	142-82-5	ug/m3	-	-	107		0.82	U	1.02		0.82	U	0.82	U	0.82	U	50		-	-
cis-1,2-Dichloroethene	156-59-2	ug/m3	-	-	3.96	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	1.65	U	-	-
trans-1,2-Dichloroethene	156-60-5	ug/m3	-	-	3.96	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	1.65	U	-	-
Methyl tert butyl ether	1634-04-4	ug/m3	-	-	3.61	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	1.5	U	-	-
p/m-Xylene	179601-23-1	ug/m3	-	-	16.9		1.74	U	14		1.74	U	**2.07**		1.74	U	11.3		-	-
2,2,4-Trimethylpentane	540-84-1	ug/m3	-	-	4.67	U	0.934	U	0.934	U	0.934	U	0.934	U	0.934	U	1.95	U	-	-
1,3-Dichlorobenzene	541-73-1	ug/m3	-	-	6.01	U	1.2	U	1.2	U	1.2	U	**2.09**		1.2	U	2.51	U	-	-
Carbon tetrachloride	56-23-5	ug/m3	-	-	6.29	U	1.26	U	1.26	U	1.26	U	1.26	U	1.26	U	2.62	U	-	-
2-Hexanone	591-78-6	ug/m3	-	-	4.1	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	1.71	U	-	-
Vinyl bromide	593-60-2	ug/m3	-	-	4.37	U	0.874	U	0.874	U	0.874	U	0.874	U	0.874	U	1.82	U	-	-
4-Ethyltoluene	622-96-8	ug/m3	-	-	4.92	U	0.983	U	0.983	U	0.983	U	0.983	U	0.983	U	2.05	U	-	-
Ethanol	64-17-5	ug/m3	-	-	118		9.42	U	142		9.42	U	**10.2**		16.3		93.6		-	-
Isopropanol	67-63-0	ug/m3	-	-	7.92		1.23	U	6.61		1.99		**4.4**		1.44		6.74		-	-
Acetone	67-64-1	ug/m3	-	-	69.8		3.87		113		5.7		25.2		10.3		148		-	-
Chloroform	67-66-3	ug/m3	-	-	4.88	U	0.977	U	0.977	U	0.977	U	0.977	U	0.977	U	2.04	U	-	-
Benzene	71-43-2	ug/m3	-	-	21.2		0.639	U	6.9		0.639	U	**1.38**		0.984		10.4		-	-
1,1,1-Trichloroethane	71-55-6	ug/m3	-	-	5.46	U	1.09	U	1.09	U	1.09	U	1.09	U	1.09	U	2.28	U	-	-
Bromomethane	74-83-9	ug/m3	-	-	3.88	U	0.777	U	0.777	U	0.777	U	0.777	U	0.777	U	1.62	U	-	-
Chloromethane	74-87-3	ug/m3	-	-	2.07	U	1.07		0.413	U	1.08		0.413	U	0.442		0.902		-	-
Chloroethane	75-00-3	ug/m3	-	-	2.64	U	0.528	U	0.528	U	0.528	U	0.528	U	0.528	U	1.1	U	-	-

TABLE 3.4
SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS
FORMER GROSSINERS RESORT, LIBERTY NEW YORK

LOCATION			SMPV-11		SMPV-11		SMPV-12		SMPV-12		SMPV-13		SMPV-13		SMPV-13		SMPV-13		SMPV-13	
SAMPLING DATE			9/20/2021		7/12/2022		3/6/2020		7/12/2022		3/6/2020		4/28/2021		9/20/2021		7/12/2022		7/12/2022	
LAB SAMPLE ID			L2150716-04 R1		L2237175-05		L2010375-06		L2237175-06		L2010375-02		L2122189-04		L2150716-05		L2237175-07		L2237175-07 R1	
SAMPLE TYPE			SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR	
SAMPLE DEPTH (ft.)																				
	CasNum	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Vinyl chloride	75-01-4	ug/m3	-	-	2.56	U	0.511	U	0.511	U	0.511	U	0.511	U	0.511	U	1.07	U	-	-
Methylene chloride	75-09-2	ug/m3	-	-	8.69	U	1.74	U	1.74	U	3.68		1.74	U	1.74	U	14.8		-	-
Carbon disulfide	75-15-0	ug/m3	-	-	3.11	U	0.623	U	0.623	U	0.797		0.623	U	0.623	U	1.57		-	-
Bromoform	75-25-2	ug/m3	-	-	10.3	U	2.07	U	2.07	U	2.07	U	2.07	U	2.07	U	4.31	U	-	-
Bromodichloromethane	75-27-4	ug/m3	-	-	6.7	U	1.34	U	1.34	U	1.34	U	1.34	U	1.34	U	2.79	U	-	-
1,1-Dichloroethane	75-34-3	ug/m3	-	-	4.05	U	0.809	U	0.809	U	0.809	U	0.809	U	0.809	U	1.69	U	-	-
1,1-Dichloroethene	75-35-4	ug/m3	-	-	3.96	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	1.65	U	-	-
Tertiary butyl Alcohol	75-65-0	ug/m3	-	-	45.2		1.52	U	35.2		1.52	U	**4.27**		1.66		51.8		-	-
Trichlorofluoromethane	75-69-4	ug/m3	1210		1700		1.82		3.53		48.7		**105**		91		691		-	-
Dichlorodifluoromethane	75-71-8	ug/m3	-	-	4.94	U	2.73		2.8		285		**376**		96.9		3220	E	2950	
Freon-113	76-13-1	ug/m3	-	-	7.66	U	1.53	U	1.53	U	1.53	U	1.53	U	1.53	U	3.2	U	-	-
Freon-114	76-14-2	ug/m3	-	-	6.99	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	2.91	U	-	-
1,2-Dichloropropane	78-87-5	ug/m3	-	-	4.62	U	0.924	U	0.924	U	0.924	U	0.924	U	0.924	U	1.93	U	-	-
2-Butanone	78-93-3	ug/m3	-	-	7.37	U	1.47	U	3.83		1.47	U	**1.63**		1.47	U	20.3		-	-
1,1,2-Trichloroethane	79-00-5	ug/m3	-	-	5.46	U	1.09	U	1.09	U	1.09	U	1.09	U	1.09	U	2.28	U	-	-
Trichloroethene	79-01-6	ug/m3	-	-	5.37	U	1.07	U	1.07	U	1.07	U	1.07	U	1.07	U	2.24	U	-	-
1,1,2,2-Tetrachloroethane	79-34-5	ug/m3	-	-	6.87	U	1.37	U	1.37	U	1.37	U	1.37	U	1.37	U	2.86	U	-	-
Hexachlorobutadiene	87-68-3	ug/m3	-	-	10.7	U	2.13	U	2.13	U	2.13	U	2.13	U	2.13	U	4.45	U	-	-
o-Xylene	95-47-6	ug/m3	-	-	9.99		0.869	U	7.56		0.869	U	**1.3**		0.869	U	6.56		-	-
1,2-Dichlorobenzene	95-50-1	ug/m3	-	-	6.01	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	2.51	U	-	-
1,2,4-Trimethylbenzene	95-63-6	ug/m3	-	-	4.92	U	0.983	U	1.7		0.983	U	0.983	U	1.04		2.05	U	-	-

TABLE 3.4
SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS
FORMER GROSSINERS RESORT, LIBERTY NEW YORK

LOCATION			SMPV-14		SMPV-14		SMPV-14		SMPV-14	
SAMPLING DATE			3/6/2020		4/28/2021		9/20/2021		7/12/2022	
LAB SAMPLE ID			L2010375-01		L2122189-01		L2150716-06		L2237175-08	
SAMPLE TYPE			SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR	
SAMPLE DEPTH (ft.)										
	CasNum	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics in Air										
Ethylbenzene	100-41-4	ug/m3	**2.68**		0.869	U	0.869	U	9.38	
Styrene	100-42-5	ug/m3	0.852	U	0.852	U	0.852	U	0.852	U
Benzyl chloride	100-44-7	ug/m3	1.04	U	1.04	U	1.04	U	1.04	U
cis-1,3-Dichloropropene	10061-01-5	ug/m3	0.908	U	0.908	U	0.908	U	0.908	U
trans-1,3-Dichloropropene	10061-02-6	ug/m3	0.908	U	0.908	U	0.908	U	0.908	U
1,4-Dichlorobenzene	106-46-7	ug/m3	1.2	U	1.2	U	1.2	U	1.2	U
1,2-Dibromoethane	106-93-4	ug/m3	1.54	U	1.54	U	1.54	U	1.54	U
1,3-Butadiene	106-99-0	ug/m3	0.442	U	0.442	U	0.442	U	0.442	U
3-Chloropropene	107-05-1	ug/m3	0.626	U	0.626	U	0.626	U	0.626	U
1,2-Dichloroethane	107-06-2	ug/m3	0.809	U	0.809	U	0.809	U	0.809	U
4-Methyl-2-pentanone	108-10-1	ug/m3	2.05	U	2.05	U	2.05	U	19.5	
1,3,5-Trimethylbenzene	108-67-8	ug/m3	**1.23**		0.983	U	0.983	U	0.983	U
Toluene	108-88-3	ug/m3	**7.91**		**1.09**		0.852		6.33	
Chlorobenzene	108-90-7	ug/m3	0.921	U	0.921	U	0.921	U	0.921	U
Tetrahydrofuran	109-99-9	ug/m3	1.47	U	1.47	U	1.47	U	1.82	
n-Hexane	110-54-3	ug/m3	**1.71**		0.705	U	0.705	U	13.8	
Cyclohexane	110-82-7	ug/m3	0.688	U	0.688	U	0.688	U	29.2	
1,2,4-Trichlorobenzene	120-82-1	ug/m3	1.48	U	1.48	U	1.48	U	1.48	U
1,4-Dioxane	123-91-1	ug/m3	0.721	U	0.721	U	0.721	U	0.721	U
Dibromochloromethane	124-48-1	ug/m3	1.7	U	1.7	U	1.7	U	1.7	U
Tetrachloroethene	127-18-4	ug/m3	**12**		1.36	U	11.3		1.36	U
Ethyl Acetate	141-78-6	ug/m3	1.8	U	**5.19**		1.8	U	2.09	
Heptane	142-82-5	ug/m3	**1.76**		0.82	U	0.82	U	23.9	
cis-1,2-Dichloroethene	156-59-2	ug/m3	0.793	U	0.793	U	0.793	U	0.793	U
trans-1,2-Dichloroethene	156-60-5	ug/m3	0.793	U	0.793	U	0.793	U	0.793	U
Methyl tert butyl ether	1634-04-4	ug/m3	0.721	U	0.721	U	0.721	U	0.721	U
p/m-Xylene	179601-23-1	ug/m3	**9.64**		1.74	U	1.74	U	12.2	
2,2,4-Trimethylpentane	540-84-1	ug/m3	0.934	U	0.934	U	0.934	U	0.934	U
1,3-Dichlorobenzene	541-73-1	ug/m3	1.2	U	**1.93**		1.2	U	1.2	U
Carbon tetrachloride	56-23-5	ug/m3	1.26	U	1.26	U	1.26	U	1.26	U
2-Hexanone	591-78-6	ug/m3	0.82	U	0.82	U	0.82	U	0.82	U
Vinyl bromide	593-60-2	ug/m3	0.874	U	0.874	U	0.874	U	0.874	U
4-Ethyltoluene	622-96-8	ug/m3	**1.09**		0.983	U	0.983	U	0.983	U
Ethanol	64-17-5	ug/m3	**11.2**		9.42	U	13.7		90.4	
Isopropanol	67-63-0	ug/m3	**3.22**		**2.88**		1.23	U	6.59	
Acetone	67-64-1	ug/m3	**13.7**		**21.1**		11.6		142	
Chloroform	67-66-3	ug/m3	0.977	U	0.977	U	0.977	U	0.977	U
Benzene	71-43-2	ug/m3	**1.51**		**0.834**		0.958		6.23	
1,1,1-Trichloroethane	71-55-6	ug/m3	1.09	U	1.09	U	1.09	U	1.09	U
Bromomethane	74-83-9	ug/m3	0.777	U	0.777	U	0.777	U	0.777	U
Chloromethane	74-87-3	ug/m3	0.413	U	0.413	U	0.413	U	0.438	
Chloroethane	75-00-3	ug/m3	0.528	U	0.528	U	0.528	U	0.528	U

TABLE 3.4
SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS
FORMER GROSSINERS RESORT, LIBERTY NEW YORK

LOCATION			SMPV-14		SMPV-14		SMPV-14		SMPV-14	
SAMPLING DATE			3/6/2020		4/28/2021		9/20/2021		7/12/2022	
LAB SAMPLE ID			L2010375-01		L2122189-01		L2150716-06		L2237175-08	
SAMPLE TYPE			SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR	
SAMPLE DEPTH (ft.)										
	CasNum	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Vinyl chloride	75-01-4	ug/m3	0.511	U	0.511	U	0.511	U	0.511	U
Methylene chloride	75-09-2	ug/m3	1.74	U	1.74	U	1.74	U	1.74	U
Carbon disulfide	75-15-0	ug/m3	**0.772**		0.623	U	0.623	U	0.959	
Bromoform	75-25-2	ug/m3	2.07	U	2.07	U	2.07	U	2.07	U
Bromodichloromethane	75-27-4	ug/m3	1.34	U	1.34	U	1.34	U	1.34	U
1,1-Dichloroethane	75-34-3	ug/m3	0.809	U	0.809	U	0.809	U	0.809	U
1,1-Dichloroethene	75-35-4	ug/m3	0.793	U	0.793	U	0.793	U	0.793	U
Tertiary butyl Alcohol	75-65-0	ug/m3	1.52	U	**3.06**		1.71		43.4	
Trichlorofluoromethane	75-69-4	ug/m3	**826**		**447**		72.5		181	
Dichlorodifluoromethane	75-71-8	ug/m3	**82.1**		**10.6**		3.16		40.5	
Freon-113	76-13-1	ug/m3	1.53	U	1.53	U	1.53	U	1.53	U
Freon-114	76-14-2	ug/m3	1.4	U	1.4	U	1.4	U	1.4	U
1,2-Dichloropropane	78-87-5	ug/m3	0.924	U	0.924	U	0.924	U	0.924	U
2-Butanone	78-93-3	ug/m3	**4.19**		1.47	U	1.47	U	5.69	
1,1,2-Trichloroethane	79-00-5	ug/m3	1.09	U	1.09	U	1.09	U	1.09	U
Trichloroethene	79-01-6	ug/m3	1.07	U	1.07	U	1.07	U	1.07	U
1,1,2,2-Tetrachloroethane	79-34-5	ug/m3	1.37	U	1.37	U	1.37	U	1.37	U
Hexachlorobutadiene	87-68-3	ug/m3	2.13	U	2.13	U	2.13	U	2.13	U
o-Xylene	95-47-6	ug/m3	**3.63**		0.869	U	0.869	U	7.47	
1,2-Dichlorobenzene	95-50-1	ug/m3	1.2	U	1.2	U	1.2	U	1.2	U
1,2,4-Trimethylbenzene	95-63-6	ug/m3	**4.64**		0.983	U	1.07		1.89	

Figures

LOCATION	MW-203		MW-203		MW-203		MW-203		MW-203		MW-203	
SAMPLING DATE	2/7/2019		3/5/2020		9/2/2020		4/28/2021		9/8/2021		11/22/2021	
	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
Perfluorooctanesulfonic Acid (PFOS)	37		27.9		25		14.5		18		12.8	
Perfluorooctanoic Acid (PFOA)	22.3		6		5.15		3.26		3.28		1.62	J

LOCATION	MW-204		MW-204		MW-204		MW-204		MW-204		MW-204	
SAMPLING DATE	3/5/2020		9/2/2020		4/27/2021		9/9/2021		11/22/2021		7/11/2022	
	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
Perfluorooctanesulfonic Acid (PFOS)	5.05		12.1		4.41		7.56		4.68		1.8	U
Perfluorooctanoic Acid (PFOA)	2.22		3.94		1.53	J	1.95		1.28	JF	1.8	U

LOCATION	MW-206		MW-206		MW-206		MW-206		MW-206		MW-206		MW-206	
SAMPLING DATE	2/6/2019		3/5/2020		9/2/2020		4/27/2021		9/9/2021		11/22/2021		7/11/2022	
	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
Perfluorooctanesulfonic Acid (PFOS)	51.9		47.9		38.7		30.9		32.5		34.1		4.43	
Perfluorooctanoic Acid (PFOA)	107		25.5		12.1		26		14.6		13.1		1.79	U

LOCATION	MW-207		MW-207		MW-207		MW-207		MW-207		MW-207		MW-207	
SAMPLING DATE	2/6/2019		3/5/2020		9/3/2020		4/27/2021		9/9/2021		11/22/2021		7/11/2022	
	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
Perfluorooctanesulfonic Acid (PFOS)	34		11.3		22.1		8.36		29.9		17.4		1.5	J
Perfluorooctanoic Acid (PFOA)	23.4		6.59		5.46		2.2		9.68		3.64		1.8	U

LOCATION	MW-217		MW-217		MW-217		MW-217		MW-217		MW-217		MW-217	
SAMPLING DATE	7/10/2019		3/6/2020		9/3/2020		4/28/2021		9/8/2021		11/19/2021		7/11/2022	
	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
Trichlorofluoromethane (FREON 11)	12		22		5.6		47		55		62		52	
Dichlorodifluoromethane (FREON 12)	5	U	5	U	0.31	U	5	U	5	U	5	U	5	U
Perfluorooctanesulfonic Acid (PFOS)	17		30		42.1		19.5		38.6		27		2.26	
Perfluorooctanoic Acid (PFOA)	16.5		15.7		13.8		14.6		21.4		12.8		1.74	U

LOCATION	MW-216		MW-216		MW-216		MW-216		MW-216		MW-216		MW-216	
SAMPLING DATE	7/10/2019		3/6/2020		9/3/2020		4/28/2021		9/8/2021		11/19/2021		7/11/2022	
	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
Trichlorofluoromethane (FREON 11)	120		48		6.9		29		5.3		4.7		5.5	
Dichlorodifluoromethane (FREON 12)	48		15		3.9		11		3.6	J	3.5	J	3.6	J
Perfluorooctanesulfonic Acid (PFOS)	29.4		6.51		6.51		24.8		20.8		15.7		3.75	
Perfluorooctanoic Acid (PFOA)	17.9		8.18		8.18		9.39		11.7		9.79		1.78	U

LOCATION	MW-213		MW-213		MW-213		MW-213		MW-213		MW-213		MW-213	
SAMPLING DATE	1/29/2019		3/4/2020		9/2/2020		4/27/2021		9/8/2021		11/19/2021		7/12/2022	
	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
Trichlorofluoromethane (FREON 11)	48		71		56		52		48		61		37	
Dichlorodifluoromethane (FREON 12)	29		74		40		54		41		45		31	
Perfluorooctanesulfonic Acid (PFOS)	91.2		73.4		60.7		70		64.1		67.4		7	
Perfluorooctanoic Acid (PFOA)	40.4		32.8		26.5		27.7		24		25.4		1.03	J

LOCATION	MW-208		MW-208	
SAMPLING DATE	2/7/2019		3/5/2020	
	Results	Q	Results	Q
Perfluorooctanesulfonic Acid (PFOS)	17.6		68.2	
Perfluorooctanoic Acid (PFOA)	10.8		38.2	

LOCATION	MW-214		MW-214		MW-214		MW-214		MW-214		MW-214		MW-214	
SAMPLING DATE	1/29/2019		3/4/2020		9/3/2020		4/27/2021		9/9/2021		11/22/2021		7/12/2022	
	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
Trichlorofluoromethane (FREON 11)	0.14	U	10		5.1		5.4		1	J	3		2.5	
Dichlorodifluoromethane (FREON 12)	0.88	J	27		16		21		5	U	10		9.9	
Perfluorooctanesulfonic Acid (PFOS)	48.5		47.3		46.6		40.3		30.5		56.2		5.68	
Perfluorooctanoic Acid (PFOA)	68.6		29.9		25.8		29.5		15.9		24.7		0.826	J

PROPERTY LINE

MACADAM SURFACE DRIVEWAY

Monitoring Well #210

Monitoring Well #201

Monitoring Well #203

Monitoring Well #204

Monitoring Well #205

Monitoring Well #211

Monitoring Well #206

Monitoring Well #208

Monitoring Well #207

Monitoring Well #209

Monitoring Well #217

Monitoring Well #216

Monitoring Well #213

Monitoring Well #214

Monitoring Well #212

FORMER TENNIS COURT

FORMER BUILDING LOCATION

MACADAM SURFACE ROAD

UNPAVED DRIVEWAY

BEGINNING

FORMER POOL LOCATION

5/8" rebar (found)

Sprouse

KATERINA CHEREPANOV CRONK
f/k/a KATERINA CRONK
INSTRUMENT NO. 2017-2245
SBL: 29-2-17

FORMER SKI MAINTENANCE BUILDING

REFERENCE
1. SURVEY AND SAMPLES INFORMATION PROVIDED BY PACKER ASSOCIATES, INC., DATED DECEMBER 10, 2018.
2. WELL NOT LISTED ON TABLE DO NOT CONTAIN EXCEEDANCES TO GW CLASS GA EFFLUENT.
3. "GW CLASS GA EFFLUENT" STANDARD IS NYSDEC WATER QUALITY STANDARD APPLIED TO THIS SITE.

	NY-AWQS	Units
Trichlorofluoromethane (FREON 11)	5	ug/l
Dichlorodifluoromethane (FREON 12)	5	ug/l
Perfluorooctanesulfonic Acid (PFOS)	10	ng/l
Perfluorooctanoic Acid (PFOA)	10	ng/l

LEGEND

MW-201 – MONITORING WELL LOCATION AND DESIGNATION

30.9 – EXCEEDS STANDARDS

Scale: 1"= 60'

0 30 60 120 180 240

NYS Education Law
Unauthorized alterations or additions to this plan are a violation of section 7209 (2) of the New York State Education Law. Copies of this map not having the seal of the engineer shall not be valid.

© SESI CONSULTING ENGINEERS D.P.C. 2022
This drawing and all information contained here on is proprietary information of SESI CONSULTING ENGINEERS D.P.C. and may not be copied or reproduced, either in whole or in part, by any method, without written permission of SESI CONSULTING ENGINEERS D.P.C.

SESI CONSULTING ENGINEERS D.P.C.
SOILS / FOUNDATIONS
SITE DESIGN
ENVIRONMENTAL
959 ROUTE 46E FLOOR 3, SUITE 300, PARSIPPANY, N.J. 07054 PH: 973-808-9050

rev	date	description	by

dwg by: yy
chk by: FD
scale: AS NOTED
date: 09/01/2022

ROUTE 17 & ROUTE 52 EAST
LIBERTY, NEW YORK 12754
NYSDEC BCP SITE NO. C353015

drawing title: MONITORING WELL LOCATIONS AND CONCENTRATIONS

job no. 9313
drawing no. FIG-3.1

N:\ACAD\9313\SMP 2019-12-01\2021-06-21 SAMPLE RESULTS\9313 FIG-3.1 – GROUNDWATER SAMPLE RESULTS PLAN V1.DWG 09/07/22 11:38:37AM, jelena.zoldoski, LAYOUT FIG-3.1

LOCATION	V-1		V-1		SMPV-1		SMPV-1		SMPV-1		SMPV-1	
SAMPLING DATE	12/14/2018		2/11/2019		3/6/2020		4/29/2021		9/20/2021		7/12/2022	
Units ug/m3	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
1,3-Butadiene	**66**		370	U	0.442	U	0.442	U	0.442	U	0.442	U
Benzene	**24**		590	U	**0.811**		**2.37**		**1.65**		**5.24**	
Trichlorofluoromethane (FREON 11)	3.5	U	**380000**	B	**4.24**		**2.56**		**6.57**		**5.9**	
Dichlorodifluoromethane (FREON 12)	9.9	U	2600	U	**3.21**		**2.36**		**2.09**		**3.63**	

LOCATION	V-2		V-2		SMPV-2		SMPV-2		SMPV-2		SMPV-2	
SAMPLING DATE	11/30/2018		2/11/2019		3/6/2020		4/29/2021		9/20/2021		7/12/2022	
Units ug/m3	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
1,3-Butadiene	1.4	U	3.5	U	0.442	U	0.442	U	0.442	U	0.442	U
Benzene	2.3	U	5.6	U	0.639	U	**1.52**		**1.53**		**7.16**	
Trichlorofluoromethane (FREON 11)	**3.5**		**2300**	B	1.12	U	**21.5**		**58.4**		**27.2**	
Dichlorodifluoromethane (FREON 12)	9.9	U	**110**		**2.16**		**2.52**		**2.62**		**3.26**	

LOCATION	V-3		SMPV-3		SMPV-3		SMPV-3	
SAMPLING DATE	12/14/2018		3/6/2020		4/29/2021		7/12/2022	
Units ug/m3	Results	Q	Results	Q	Results	Q	Results	Q
1,3-Butadiene	**28**		0.442	U	0.442	U	0.442	U
Benzene	**5.1**	J	0.639	U	**2.87**		0.639	U
Trichlorofluoromethane (FREON 11)	**26**		**3.2**		**1.21**		**2.11**	
Dichlorodifluoromethane (FREON 12)	**140**		**4.84**		**2.34**		**3.89**	

LOCATION	V-12		V-12		SMPV-12		SMPV-12	
SAMPLING DATE	11/30/2018		2/11/2019		3/6/2020		7/12/2022	
Units ug/m3	Results	Q	Results	Q	Results	Q	Results	Q
1,3-Butadiene	1.4	U	5.7	U	0.442	U	0.442	U
Benzene	2.3	U	5.7	U	0.639	U	**6.9**	
Trichlorofluoromethane (FREON 11)	3.5	U	**5300**	B	**1.82**		**3.53**	
Dichlorodifluoromethane (FREON 12)	9.9	U	25	U	**2.73**		**2.8**	

LOCATION	V-14		V-14		SMPV-14		SMPV-14		SMPV-14		SMPV-14	
SAMPLING DATE	11/30/2018		2/11/2019		3/6/2020		4/28/2021		9/20/2021		7/12/2022	
Units ug/m3	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
1,3-Butadiene	1.4	U	5	U	0.442	U	0.442	U	0.442	U	0.442	U
Benzene	**18**		**16**	J	**1.51**		**0.834**		**0.958**		**6.23**	
Trichlorofluoromethane (FREON 11)	**4.5**	J	**4600**	B	**826**		**447**		**72.5**		**181**	
Dichlorodifluoromethane (FREON 12)	**21**	J	**1400**		**82.1**		**10.6**		**3.16**		**40.5**	

LOCATION	V-11		V-11		SMPV-11		SMPV-11		SMPV-11		SMPV-11	
SAMPLING DATE	12/13/2018		2/11/2019		3/6/2020		4/28/2021		9/20/2021		7/12/2022	
Units ug/m3	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
1,3-Butadiene	**53**		510	U	0.442	U	0.442	U	0.442	U	2.21	U
Benzene	**11**		810	U	**0.652**		**2.87**		0.639	U	**21.2**	
Trichlorofluoromethane (FREON 11)	**62**		**660000**	B	**9.72**		**238**		**1210**		**1700**	
Dichlorodifluoromethane (FREON 12)	9.9	U	3500	U	**2.52**		**2.24**		**2.38**		4.94	U

LOCATION	V-10		SMPV-10		SMPV-10		SMPV-10		SMPV-10	
SAMPLING DATE	11/30/2018		3/6/2020		4/28/2021		9/20/2021		7/12/2022	
Units ug/m3	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
1,3-Butadiene	1.4	U	0.442	U	0.442	U	0.442	U	0.442	U
Benzene	**40**		**1.09**				0.639	U	**8.79**	
Trichlorofluoromethane (FREON 11)	3.5	U	**111**		**21.5**		**7.81**		**43.9**	
Dichlorodifluoromethane (FREON 12)	9.9	U	**73.2**		**8.41**		**2.67**		**10.3**	

LOCATION	V-13		SMPV-13		SMPV-13		SMPV-13		SMPV-13	
SAMPLING DATE	11/30/2018		3/6/2020		4/28/2021		9/20/2021		7/12/2022	
Units ug/m3	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
1,3-Butadiene	0.14	U	**0.878**		0.442	U	0.442	U	0.923	U
Benzene	0.23	U	0.639	U	**1.38**		**0.984**		**10.4**	
Trichlorofluoromethane (FREON 11)	**13**		**48.7**		**105**		**91**		**691**	
Dichlorodifluoromethane (FREON 12)	**69**		**285**		**376**		**96.9**		**2950**	

SMPV-1
SMPV-2
SMPV-3
SMPV-10
SMPV-11
SMPV-12
SMPV-13
SMPV-14

S 53°43'33" E 168.11'
S 45°38'08" E 117.43'
S 21°31'35" E 126.65'
S 53°43'33" E 439.10'
MACADAM SURFACE DRIVEWAY
PROPERTY LINE
FORMER TENNIS COURT
TENNIS LODGE
FORMER BUILDING LOCATION
FORMER LIGHTS
CENTRAL WHITE HOUSE ALONG RT.52
N 35°16'09" W 196.34'
FORMER IN DOOR POOL
S 41°20'08" E 350.29'
HARRY G
PAUL G
FORMER CONVENTION CENTER
FORMER COTTAGE
CLEMENTS ROAD TOWN HIGHWAY 15
GRAVEL DRIVEWAY
N 12°31'55" E 131.18'
N 77°47'45" W 83.17'
S 77°39'09" E 132.78'
N 12°31'55" E 150.00'
N 47°40'48" W 130.00'
N 52°04'15" W 25.09'
N 40°09'08" W 153.50'
N 40°09'08" W 153.50'
POINT OF BEGINNING
S 44°57'47" E 195.57'
1/2" rebar (set)
now or formerly NADIA BARSTA INSTRUMENT NO. 2012-5642 SBL: 29-2-2.2
PROPERTY LINE
5/8" rebar (found)
KATERINA CHEREPANOV CRONK
I/l/o KATERINA CRONK
INSTRUMENT NO. 20212-2243
SBL: 29-2-17
FENCE

LEGEND:

SMPV-12 - LOCATION AND AND SOIL VAPOR POINT NUMBER

- BROWNFIELDS CLEAN-UP PROGRAM (BCP) TOTAL AREA = 17.30+0.87 ACRES SITE BOUNDARY

Scale: 1"= 100'
0 50 100 200 300 400

REFERENCE
SITE INFORMATION TAKEN FROM "PRELIMINARY MAP". DATED FEBRUARY 1993.
LAST UPDATED ON DECEMBER 2009.

© SESI CONSULTING ENGINEERS D.P.C. 2016
This drawing and all information contained hereon is proprietary information of SESI CONSULTING ENGINEERS D.P.C. and may not be copied or reproduced, either in whole or in part, by any method, without written permission of SESI CONSULTING ENGINEERS D.P.C.

N:\VAD\9313\SMP_2019-12-10\2021-06-21 SAMPLE RESULTS\9313 FIG-3.2 - SOIL VAPOR RESULTS PLAN W DWG 09/07/23 12:18:53PM, william.calabrese, LAYOUT:FIG-3.2

UNKNOWN

rev	date	description	by

dwg by: yy
chk by: FD
scale: AS NOTED
date: 09/01/2022

SESI CONSULTING ENGINEERS D.P.C.
SOILS / FOUNDATIONS
SITE DESIGN
ENVIRONMENTAL
959 ROUTE 46E FLOOR 3, SUITE 300, PARSIPPANY, N.J. 07054 PH: 973-808-9050

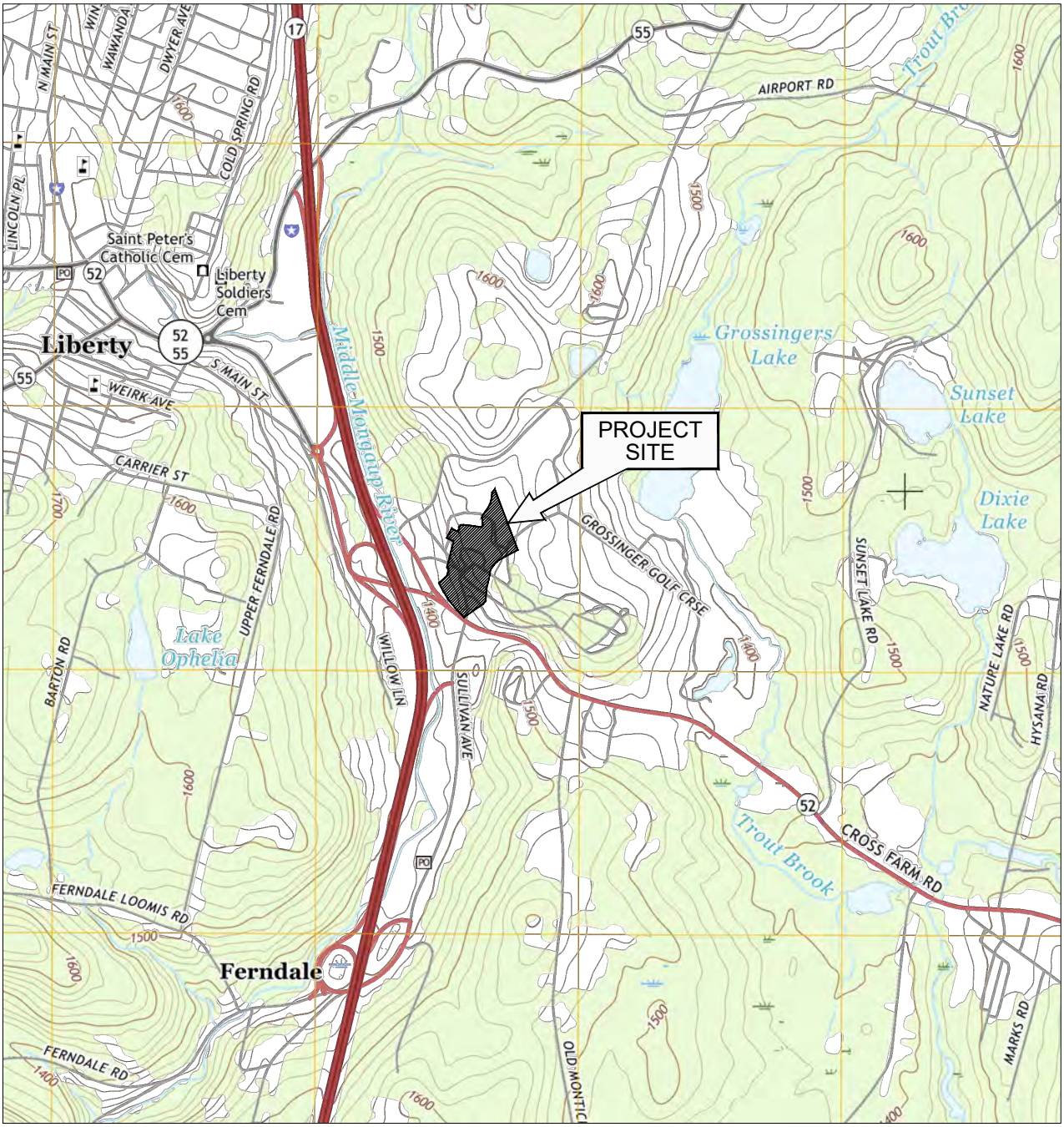
ROUTE 17 & ROUTE 52 EAST
LIBERTY, NEW YORK 12754

drawing title:
SOIL VAPOR POINT SAMPLE RESULTS PLAN

job no. 9313
drawing no.
FIG-3.2

Appendix A:

Site Management Plan (SMP) Figures



Produced by the United States Geological Survey

North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and 1 000-meter grid: Universal Transverse Mercator, Zone 18T
10 000-foot ticks: New York Coordinate System of 1983 (east zone)

This map is not a legal document. Boundaries may be generalized for this map scale. Private lands within government reservations may not be shown. Obtain permission before entering private lands.

Imagery.....NAIP, July 2013
Roads..... U.S. Census Bureau, 2015 - 2016
Names.....GNIS, 2016
Hydrography.....National Hydrography Dataset, 2013
Contours.....National Elevation Dataset, 1999
Boundaries.....Multiple sources; see metadata file 1972 - 2016

Wetlands.....FWS National Wetlands Inventory 1977 - 2014

UTM GRID AND 2016 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

U.S. National Grid
100,000-m Square ID
WM
Grid Zone Designation
18T

SCALE 1:24 000

KILOMETERS 1 0.5 0 1 2
METERS 1000 500 0 1000 2000
MILES 1 0.5 0 1
FEET 1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000

CONTOUR INTERVAL 20 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988

This map was produced to conform with the National Geospatial Program US Topo Product Standard, 2011. A metadata file associated with this product is draft version 0.6.19

QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Livingston Manor
2 Willowemoc
3 Claryville
4 Liberty West
5 Grahamsville
6 White Lake
7 Monticello
8 Woodridge

ADJOINING QUADRANGLES

FIG-1.1

ROUTE 17 & ROUTE 52 EAST
LIBERTY, NEW YORK 12754
NYSDEC BCP SITE NO. C353015

SITE PLAN

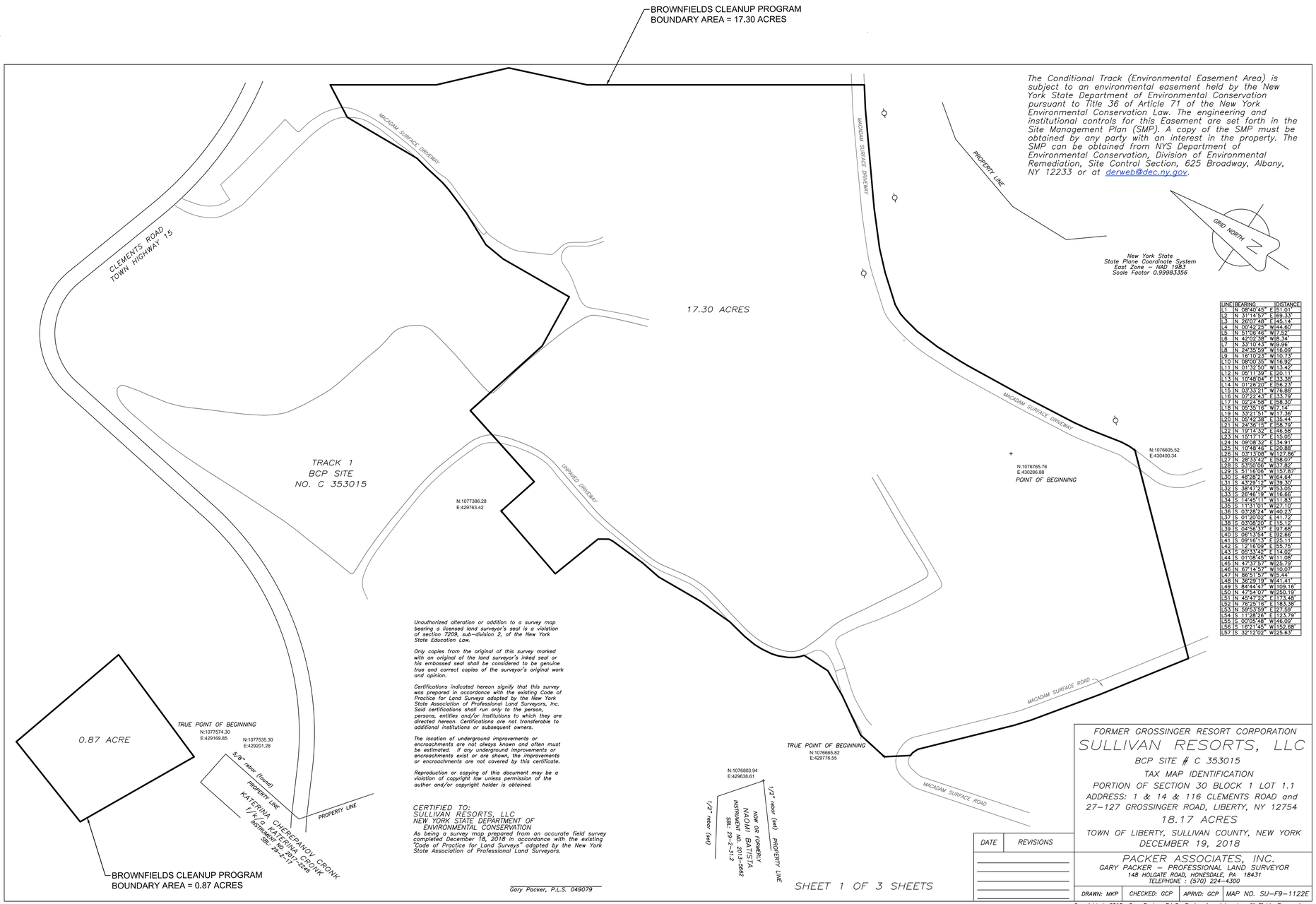
SESI CONSULTING ENGINEERS D.P.C.

SOILS / FOUNDATIONS
SITE DESIGN
ENVIRONMENTAL

12A MAPLE AVE. PINE BROOK, N.J. 07058 PH: 973-808-9050

DRAWN BY: yy
CHECKED BY: FD
SCALE: N.T.S.
DATE: 12/11/19
JOB NO.: 9313

N:\ACAD\9313\SMP 2019-12-10\9313 SITE PLAN FIG-1.1.DWG 12/11/19 02:56:24PM, jenny, LAYOUT:FIG-1.1



The Conditional Track (Environmental Easement Area) is subject to an environmental easement held by the New York State Department of Environmental Conservation pursuant to Title 36 of Article 71 of the New York Environmental Conservation Law. The engineering and institutional controls for this Easement are set forth in the Site Management Plan (SMP). A copy of the SMP must be obtained by any party with an interest in the property. The SMP can be obtained from NYS Department of Environmental Conservation, Division of Environmental Remediation, Site Control Section, 625 Broadway, Albany, NY 12233 or at derweb@dec.ny.gov.

LINE	BEARING	DISTANCE
L1	N 08°40'45" E	51.01'
L2	N 31°14'57" E	69.33'
L3	N 26°07'48" E	45.14'
L4	N 00°42'25" W	44.60'
L5	N 51°09'46" W	7.52'
L6	N 42°03'58" W	8.34'
L7	N 33°10'43" W	9.96'
L8	N 24°15'59" W	16.09'
L9	N 18°10'23" W	10.73'
L10	N 09°00'45" W	16.92'
L11	N 01°32'50" W	13.42'
L12	N 05°11'39" E	20.11'
L13	N 10°48'04" E	33.38'
L14	N 01°26'20" E	56.23'
L15	N 01°33'21" W	76.88'
L16	N 07°22'43" E	33.79'
L17	N 09°23'58" E	58.30'
L18	N 05°35'16" W	7.14'
L19	N 33°21'51" W	17.36'
L20	N 05°42'38" E	35.44'
L21	N 24°36'15" E	58.79'
L22	N 19°13'50" E	46.58'
L23	N 15°17'17" E	115.05'
L24	N 09°08'32" E	34.91'
L25	N 10°48'46" E	20.88'
L26	N 03°13'08" W	127.86'
L27	N 28°13'42" E	58.07'
L28	S 57°50'06" W	37.82'
L29	S 31°10'06" W	152.87'
L30	S 48°28'21" W	64.64'
L31	S 43°29'12" W	39.30'
L32	S 36°41'27" W	53.05'
L33	S 26°46'19" W	16.66'
L34	S 14°45'11" W	11.83'
L35	S 11°31'01" W	27.10'
L36	S 01°28'24" W	40.23'
L37	S 01°20'02" E	41.72'
L38	S 01°08'20" E	15.12'
L39	S 04°56'37" E	97.68'
L40	S 06°13'54" E	92.66'
L41	S 09°16'13" E	25.11'
L42	S 12°10'09" E	55.75'
L43	S 05°33'42" E	14.02'
L44	S 01°08'45" W	11.08'
L45	N 47°37'57" W	25.79'
L46	N 67°14'57" W	10.27'
L47	N 86°51'57" W	15.44'
L48	N 56°29'19" W	41.41'
L49	S 84°44'47" W	109.16'
L50	N 47°54'07" W	250.19'
L51	N 45°47'22" E	173.48'
L52	N 76°29'16" E	183.38'
L53	N 59°53'59" E	127.59'
L54	S 11°28'26" E	123.79'
L55	S 00°05'48" W	46.09'
L56	S 16°21'45" W	152.68'
L57	S 30°12'02" W	25.63'

Unauthorized alteration or addition to a survey map bearing a licensed land surveyor's seal is a violation of section 7209, sub-division 2, of the New York State Education Law.

Only copies from the original of this survey marked with an original of the land surveyor's inked seal or his embossed seal shall be considered to be genuine true and correct copies of the surveyor's original work and opinion.

Certifications indicated hereon signify that this survey was prepared in accordance with the existing Code of Practice for Land Surveys adopted by the New York State Association of Professional Land Surveyors, Inc. Said certifications shall run only to the person, persons, entities and/or institutions to which they are directed hereon. Certifications are not transferable to additional institutions or subsequent owners.

The location of underground improvements or encroachments are not always known and often must be estimated. If any underground improvements or encroachments exist or are shown, the improvements or encroachments are not covered by this certificate.

Reproduction or copying of this document may be a violation of copyright law unless permission of the author and/or copyright holder is obtained.

CERTIFIED TO:
SULLIVAN RESORTS, LLC
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
As being a survey map prepared from an accurate field survey completed December 18, 2018 in accordance with the existing "Code of Practice for Land Surveys" adopted by the New York State Association of Professional Land Surveyors.

Gary Packer, P.L.S. 049079

SHEET 1 OF 3 SHEETS

DATE	REVISIONS

FORMER GROSSINGER RESORT CORPORATION

SULLIVAN RESORTS, LLC

BCP SITE # C 353015

TAX MAP IDENTIFICATION
PORTION OF SECTION 30 BLOCK 1 LOT 1.1
ADDRESS: 1 & 14 & 116 CLEMENTS ROAD and 27–127 GROSSINGER ROAD, LIBERTY, NY 12754
18.17 ACRES
TOWN OF LIBERTY, SULLIVAN COUNTY, NEW YORK
DECEMBER 19, 2018

PACKER ASSOCIATES, INC.
GARY PACKER – PROFESSIONAL LAND SURVEYOR
148 HOLGATE ROAD, HONESDALE, PA 18431
TELEPHONE : (570) 224–4300

DRAWN: MKP | *CHECKED: GCP* | *APRVD: GCP* | *MAP NO. SU–F9–1122E*

Copyright © 2018. Gary Packer, P.L.S., Packer Associates, Inc. All Rights Reserved.

NOTE:
THE DRAWING SUPPLIED BY PACKER ASSOCIATE, INC

Scale: 1"= 80'
0 40 80 160 240 320

NYS Education Law
Unauthorized alterations or additions to this plan are a violation of section 7209 (2) of the New York State Education Law. Copies of this map not having the seal of the engineer shall not be valid.

© SESI CONSULTING ENGINEERS D.P.C. 2019
This drawing and all information contained here on is proprietary information of SESI CONSULTING ENGINEERS D.P.C. and may not be copied or reproduced, either in whole or in part, by any method, without written permission of SESI CONSULTING ENGINEERS D.P.C.

N:\ACAD\9313\FIG 1.2.DWG 08/20/19 10:10:29AM jerry LAYOUT:FIG-1.2

rev	date	description	by

dwg by: yy
chk by: FD
scale: 1" = 80'
date: 8/20/19

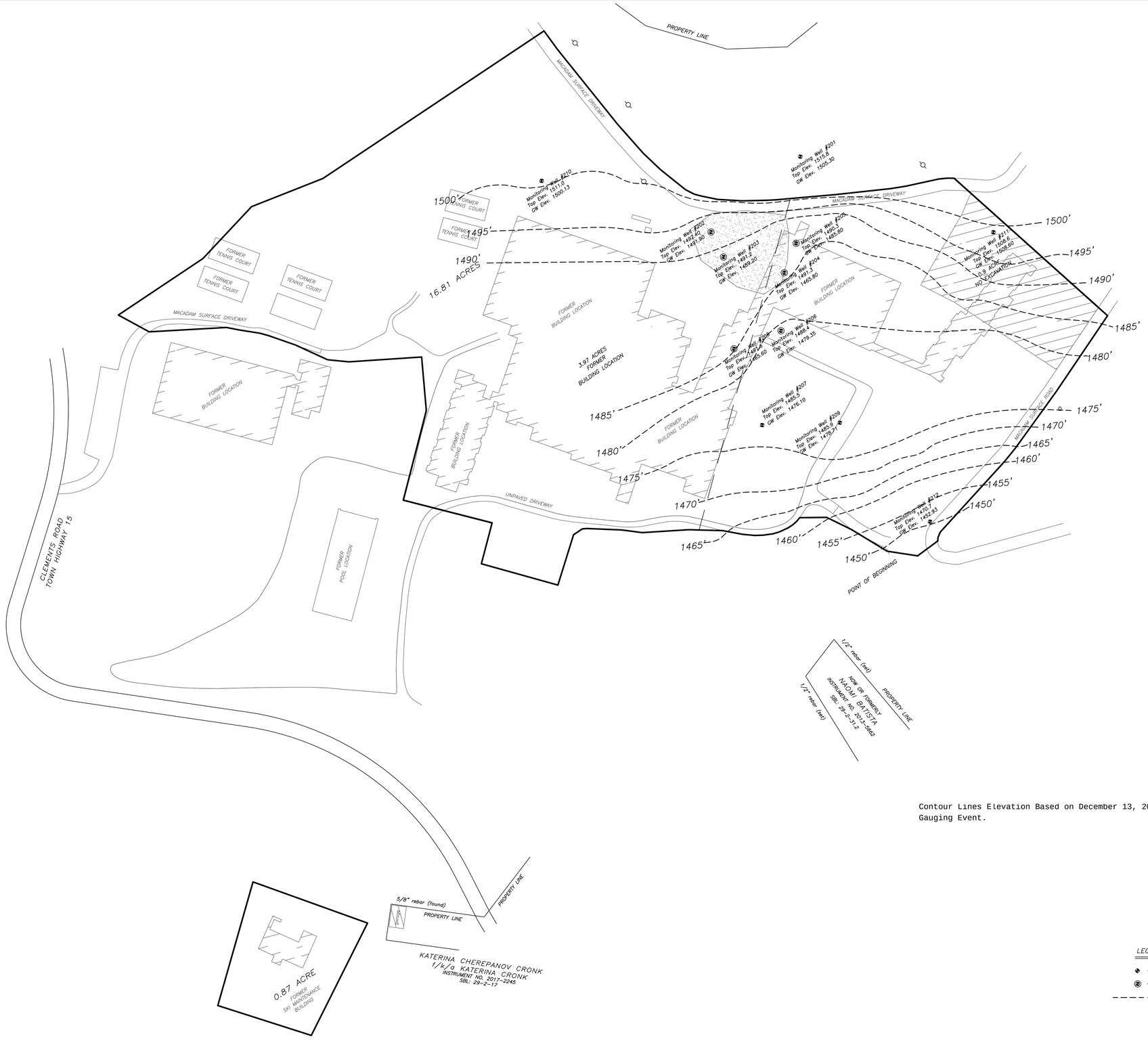
SESI CONSULTING ENGINEERS D.P.C.
SOILS / FOUNDATIONS
SITE DESIGN
ENVIRONMENTAL
12A MAPLE AVE. PINE BROOK, NJ. 07058 PH: 973-808-9050

ROUTE 17 & ROUTE 52 EAST
LIBERTY, NEW YORK 12754
NYSDEC BCP SITE NO. C353015

drawing title: SITE PLAN

job no. 9313
drawing no.

FIG-1.2



© SESI CONSULTING ENGINEERS D.P.C. 2016
This drawing and all information contained hereon is proprietary information of SESI CONSULTING ENGINEERS D.P.C. and may not be copied or reproduced, either in whole or in part, by any method, without written permission of SESI CONSULTING ENGINEERS D.P.C.

REFERENCE
SURVEY AND SAMPLES INFORMATION PROVIDED BY RACKER ASSOCIATES, INC., DATED DECEMBER 10, 2018.

rev	date	description	by

dwg by: yy
chk by: FD
scale: 1" = 80'
date: 12/21/18

SESI CONSULTING ENGINEERS D.P.C.
SOILS / FOUNDATIONS
SITE DESIGN
ENVIRONMENTAL
12A MAPLE AVE., PINE BROOK, NJ., 07058 PH: 973-808-9050

ROUTE 17 & ROUTE 52 EAST
LIBERTY, NEW YORK 12754
NYSDEC BCP SITE NO. C353015

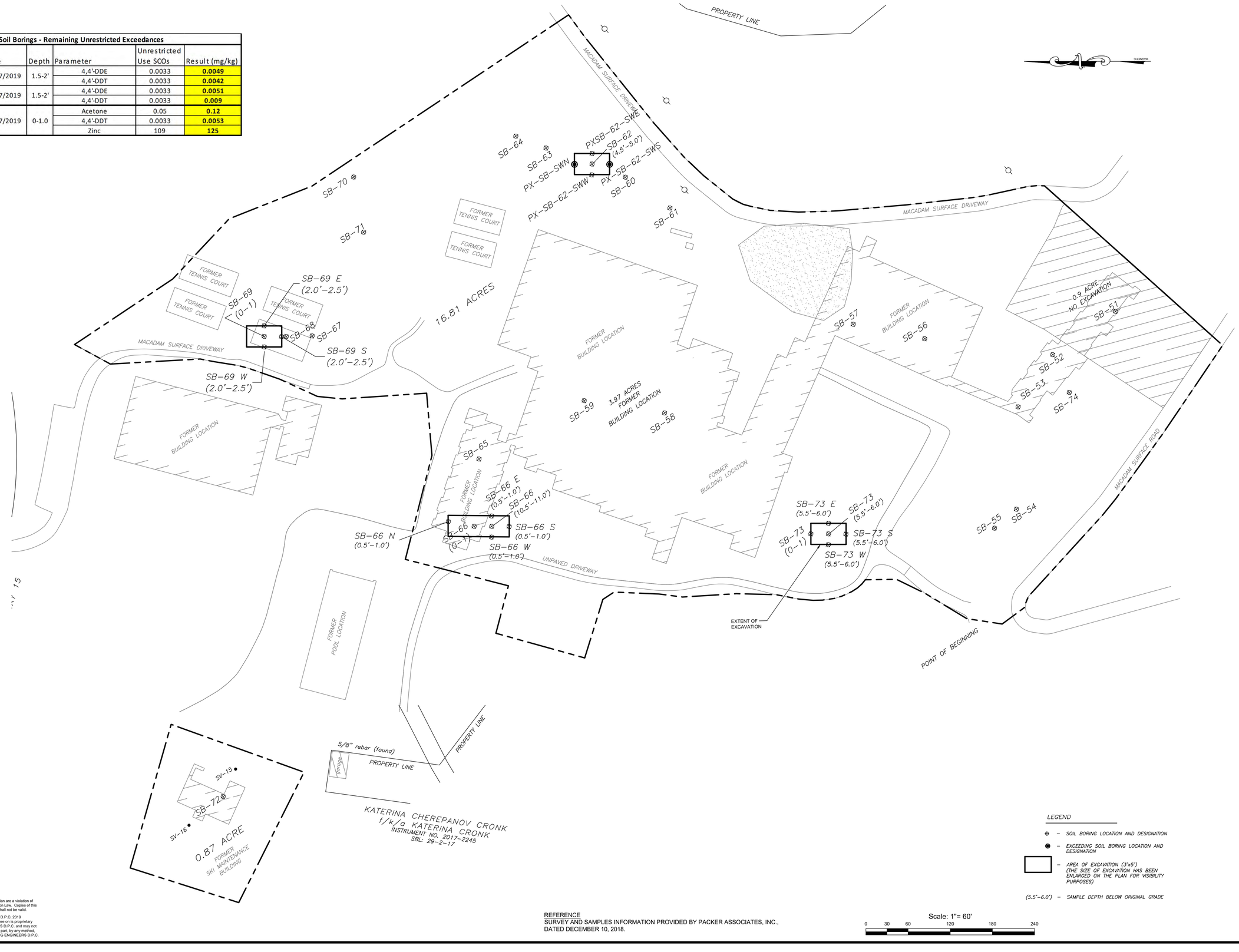
drawing title:
GROUNDWATER CONTOUR MAP

job no. 9313
drawing no.
FIG- 2.1

FUAD DAHAN, P.E.
PROFESSIONAL ENGINEER
N.Y. LIC. NO. 090531

N:\CAD\9313\SWPPP\9313 FIG-2.1.DWG 12/21/18 03:03:09PM jenny LAYOUT:FIG-4.1

Soil Borings - Remaining Unrestricted Exceedances					
Sample Number	Date	Depth	Parameter	Unrestricted Use SCOs	Result (mg/kg)
SB-62-SWN	1/17/2019	1.5-2'	4,4'-DDE	0.0033	**0.0049**
			4,4'-DDT	0.0033	**0.0042**
SB-62-SWS	1/17/2019	1.5-2'	4,4'-DDE	0.0033	**0.0051**
			4,4'-DDT	0.0033	**0.009**
SB-73 (0-1)	1/17/2019	0-1.0	Acetone	0.05	**0.12**
			4,4'-DDT	0.0033	**0.0053**
			Zinc	109	**125**



REFERENCE
SURVEY AND SAMPLES INFORMATION PROVIDED BY PACKER ASSOCIATES, INC., DATED DECEMBER 10, 2018.

NYS Education Law
Unauthorized alterations or additions to this plan are a violation of section 7209 (2) of the New York State Education Law. Copies of this map not having the seal of the engineer shall not be valid.

© SESI CONSULTING ENGINEERS D.P.C. 2019
This drawing and all information contained here on is proprietary information of SESI CONSULTING ENGINEERS D.P.C. and may not be copied or reproduced, either in whole or in part, by any method, without written permission of SESI CONSULTING ENGINEERS D.P.C.

N:\ACAD\9313\VER 48.x 2019\9313 FIG-2.2.dwg 09/20/19 09:05:21AM jerry LAYOUT:FIG-2.2

rev	date	description	by

dwg by: yy
chk by: FD
scale: 1" = 60'
date: 08/20/19

SESI CONSULTING ENGINEERS D.P.C.
SOILS / FOUNDATIONS
SITE DESIGN
ENVIRONMENTAL
12A MAPLE AVE., PINE BROOK, NJ. 07058 PH: 973-808-9050

ROUTE 17 & ROUTE 52 EAST
LIBERTY, NEW YORK 12754
NYSDEC BCP SITE NO. C353015

drawing title: SOIL BORING INVESTIGATION RESULTS

job no. 9313
drawing no. FIG 2.2

Surface Soil Pesticide Excavation Areas - Remaining Unrestricted Exceedances					
Sample Number	Date	Depth	Parameter	Unrestricted Use SCOs	Result (mg/kg)
SS-27		0-2"	4,4'-DDT	0.0033	**0.010**
SS-28		0-2"	4,4'-DDT	0.0033	**0.027**
			4,4'-DDE	0.0033	**0.007**
			4,4'-DDD	0.0033	**0.005**
			Dieldrin	0.005	**0.029**
SS-33		0-2"	4,4'-DDT	0.0033	**0.013**
			4,4'-DDE	0.0033	**0.004**

LEGEND

- ● – SURFACE SOIL SAMPLE LOCATION
- ▭ – EXCAVATION AREA (DEPTH VARIES)
- 1479.1 × – ELEVATION OF TOP/BOTTOM OF EXCAVATION
- (0"–2") – SAMPLE DEPTH BELOW ORIGINAL GRADE

Scale: 1"= 80'

0 40 80 160 240 320

REFERENCE
SURVEY AND SAMPLES INFORMATION PROVIDED BY PACKER ASSOCIATES, INC., DATED DECEMBER 10, 2018.

NYS Education Law
Unauthorized alterations or additions to this plan are a violation of section 7209 (2) of the New York State Education Law. Copies of this map not having the seal of the engineer shall not be valid.

© SESI CONSULTING ENGINEERS D.P.C. 2019
This drawing and all information contained here on is proprietary information of SESI CONSULTING ENGINEERS D.P.C. and may not be copied or reproduced, either in whole or in part, by any method, without written permission of SESI CONSULTING ENGINEERS D.P.C.

N:\ACAD\2013\FEB JULY 2019\9313 FIG-2.3.DWG 09/20/19 09:05:52AM jerry LAYOUT:FIG-2.3

rev	date	description	by

dwg by: yy
chk by: FD
scale: 1" = 80'
date: 08/20/19

SESI CONSULTING ENGINEERS D.P.C.
SOILS / FOUNDATIONS
SITE DESIGN
ENVIRONMENTAL
12A MAPLE AVE. PINE BROOK, NJ. 07058 PH: 973-808-9050

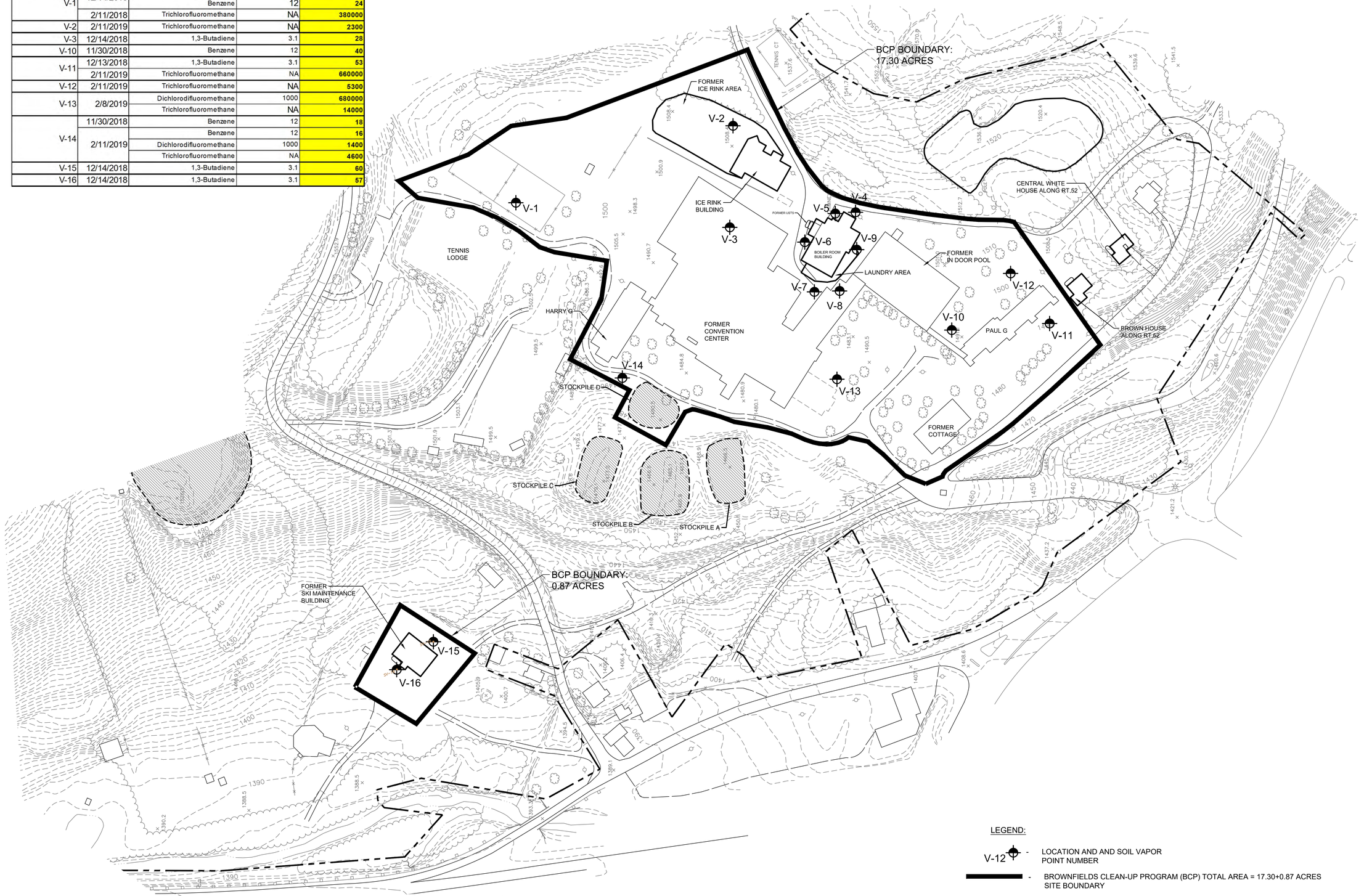
ROUTE 17 & ROUTE 52 EAST
LIBERTY, NEW YORK 12754
NYSDEC BCP SITE NO. C353015

drawing title:
PESTICIDES SURFACE INVESTIGATION RESULTS

job no. 9313
drawing no.

FIG 2.3

Soil Vapor Data				
Sample Number	Date	Parameter	EPA Technical Guidance (ug/m3)	Result (ug/m3)
V-1	12/14/2018	1,3-Butadiene	3.1	**66**
		Benzene	12	**24**
	2/11/2018	Trichlorofluoromethane	NA	**380000**
V-2	2/11/2019	Trichlorofluoromethane	NA	**2300**
V-3	12/14/2018	1,3-Butadiene	3.1	**28**
V-10	11/30/2018	Benzene	12	**40**
V-11	12/13/2018	1,3-Butadiene	3.1	**53**
	2/11/2019	Trichlorofluoromethane	NA	**660000**
V-12	2/11/2019	Trichlorofluoromethane	NA	**5300**
V-13	2/8/2019	Dichlorodifluoromethane	1000	**680000**
		Trichlorofluoromethane	NA	**14000**
V-14	11/30/2018	Benzene	12	**18**
	2/11/2019	Benzene	12	**16**
		Dichlorodifluoromethane	1000	**1400**
		Trichlorofluoromethane	NA	**4600**
V-15	12/14/2018	1,3-Butadiene	3.1	**60**
V-16	12/14/2018	1,3-Butadiene	3.1	**57**



Scale: 1"= 100'

0 50 100 200 300 400

LEGEND:

V-12 - LOCATION AND AND SOIL VAPOR POINT NUMBER

\- BROWNFIELDS CLEAN-UP PROGRAM (BCP) TOTAL AREA = 17.30+0.87 ACRES SITE BOUNDARY

REFERENCE
SITE INFORMATION TAKEN FROM "PRELIMINARY MAP". DATED FEBRUARY 1993.
LAST UPDATED ON DECEMBER 2009.

© SESI CONSULTING ENGINEERS D.P.C. 2016
This drawing and all information contained hereon is proprietary information of SESI CONSULTING ENGINEERS D.P.C. and may not be copied or reproduced, either in whole or in part, by any method, without written permission of SESI CONSULTING ENGINEERS D.P.C.

N:\ACAD\9313\VER .dcx 2019\9313 FIG 3.10.DWG 09/20/19 09:44:29AM, jerry, LAYOUT FIG-3.10

by	description	date	rev

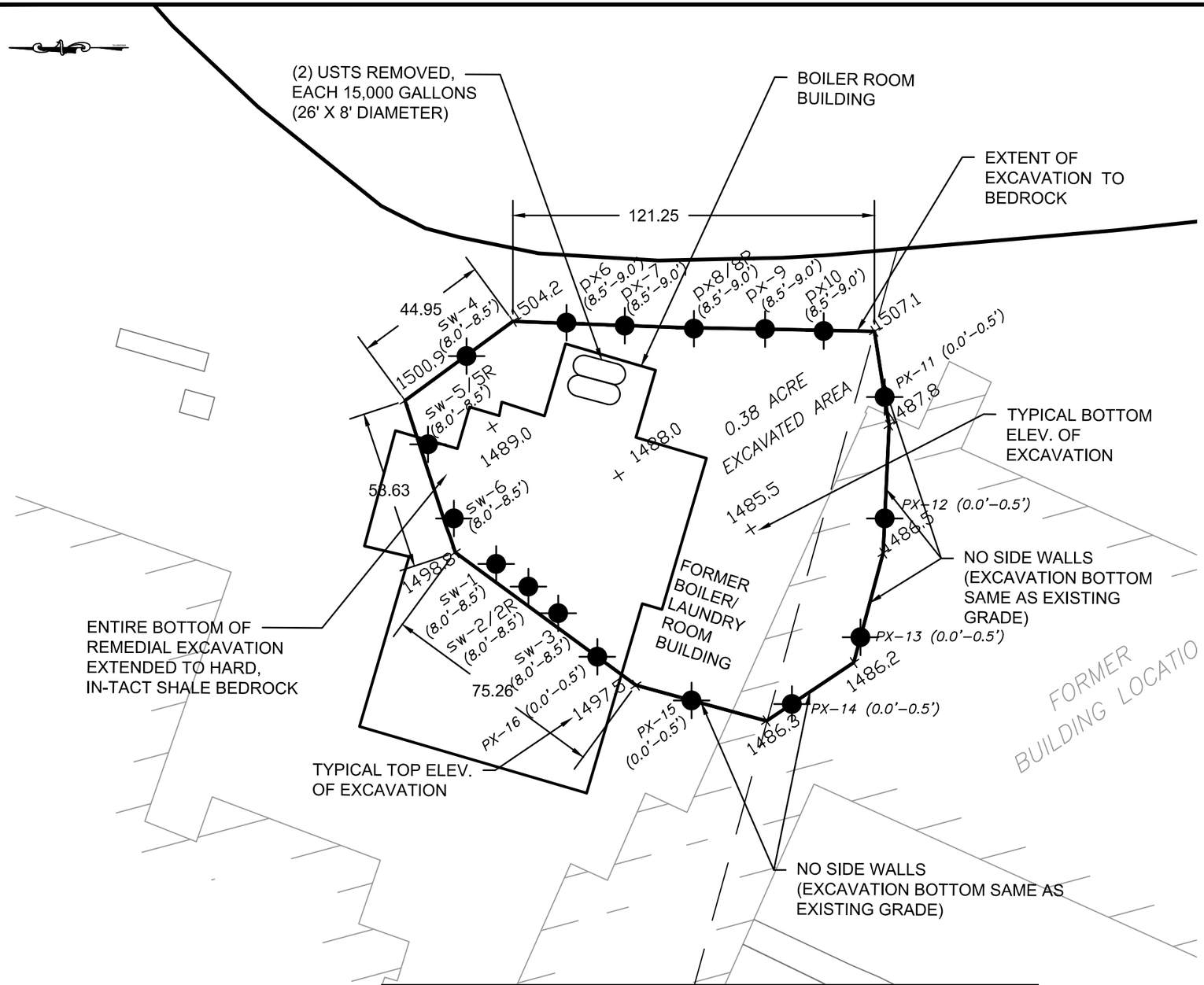
dwg by: yy
chk by: FD
scale: 1" = 100'
date: 08/20/19

SESI CONSULTING ENGINEERS D.P.C.
SOILS / FOUNDATIONS
SITE DESIGN
ENVIRONMENTAL
12A MAPLE AVE., PINE BROOK, NJ. 07058 PH: 973-808-9050

ROUTE 17 & ROUTE 52 EAST
LIBERTY, NEW YORK 12754

drawing title:
SOIL VAPOR POINT LOCATION PLAN

job no. 9313
drawing no.
FIG- 2.4



UST LNAPL AREA - REMAINING UNRESTRICTED EXCEEDANCES					
Sample Number	Date	Depth	Parameter	Unrestricted Use SCOs	Result (mg/kg)
SW-5	12/7/2018	8-8.5'	Xylenes	0.26	**0.52**
SW-2R	6/27/2019	8-8.5	4,4'-DDT	0.0033	**0.0135**

LEGEND

- *POST EXCAVATION SAMPLE NUMBER & LOCATION*
- 1485.5 – *ELEVATION OF BOTTOM/TOP OF EXCAVATION*
- *(8.5'–9.0')* – *SAMPLE DEPTH BELOW ORIGINAL GRADE*

REFERENCE
SURVEY AND SAMPLES INFORMATION PROVIDED BY PACKER ASSOCIATES, INC., DATED DECEMBER 10, 2018.

SCALE: 1"=40'
0 40 80

NYS Education Law
Unauthorized alterations or additions to this plan are a violation of section 7209 (2) of the New York State Education Law. Copies of this map not having the seal of the engineer shall not be valid.

© SESI CONSULTING ENGINEERS D.P.C. 2019
This drawing and all information contained here on is proprietary information of SESI CONSULTING ENGINEERS D.P.C. and may not be copied or reproduced, either in whole or in part, by any method, without written permission of SESI CONSULTING ENGINEERS D.P.C.

N:\ACAD\9313\FER JULY 2019\9313 FIG-3.1.DWG 08/23/19 09:18:36AM, jenny, LAYOUT:FIG-3.1

dwg by: yy
chk by: FD
scale: 1" = 40'
date: 8/20/19

SESI CONSULTING ENGINEERS D.P.C.
SOILS / FOUNDATIONS
SITE DESIGN
ENVIRONMENTAL
12A MAPLE AVE, PINE BROOK, N.J. 07058 PH: 973-808-9050

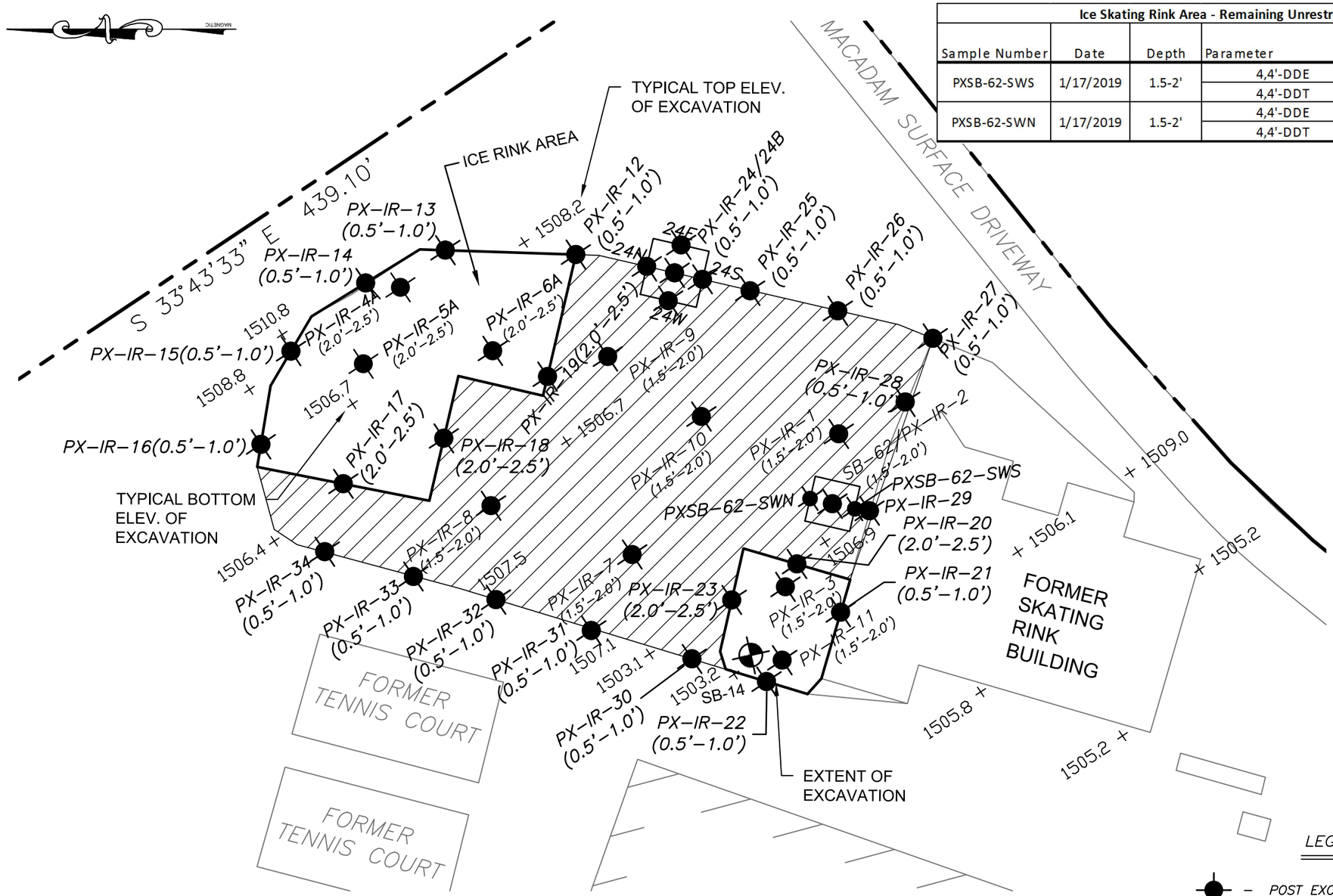
project:
ROUTE 17 & ROUTE 52 EAST
LIBERTY, NEW YORK 12754
NYSDEC BCP SITE NO. C353015

drawing title:
UST REMOVAL / LNAPL EXCAVATION AREA

job no: 9313
drawing no:

FIG 2.5

Ice Skating Rink Area - Remaining Unrestricted Exceedances					
Sample Number	Date	Depth	Parameter	Unrestricted Use SCOs	Result (mg/kg)
PXSB-62-SWS	1/17/2019	1.5-2'	4,4'-DDE	0.0033	**0.005**
			4,4'-DDT	0.0033	**0.009**
PXSB-62-SWN	1/17/2019	1.5-2'	4,4'-DDE	0.0033	**0.005**
			4,4'-DDT	0.0033	**0.004**



LEGEND

- POST EXCAVATION SAMPLE NUMBER & LOCATION
- SB-14 – PHASE II LOCATION AND SOIL BORING NUMBER/MONITORING WELL NUMBER
- (1.5'–2.0') – SAMPLE DEPTH BELOW ORIGINAL GRADE
- 1505.2 × – ELEVATION OF TOP/BOTTOM OF EXCAVATION
- AREA OF CONCRETE AND STAINED SOIL REMOVAL 1.5 FEET DEPTH

SCALE: 1"=40'

0 40 80

REFERENCE
SURVEY AND SAMPLES INFORMATION PROVIDED BY PACKER ASSOCIATES, INC., DATED DECEMBER 10, 2018.

NYS Education Law
Unauthorized alterations or additions to this plan are a violation of section 7209 (2) of the New York State Education Law. Copies of this map not having the seal of the engineer shall not be valid.

© SESI CONSULTING ENGINEERS D.P.C. 2019
This drawing and all information contained here on is proprietary information of SESI CONSULTING ENGINEERS D.P.C. and may not be copied or reproduced, either in whole or in part, by any method, without written permission of SESI CONSULTING ENGINEERS D.P.C.

N:\ACAD\9313\FER JULY 2019\9313 FIG-3.3.DWG 08/20/19 10:02:47AM, jenny, LAYOUT:FIG-3.3

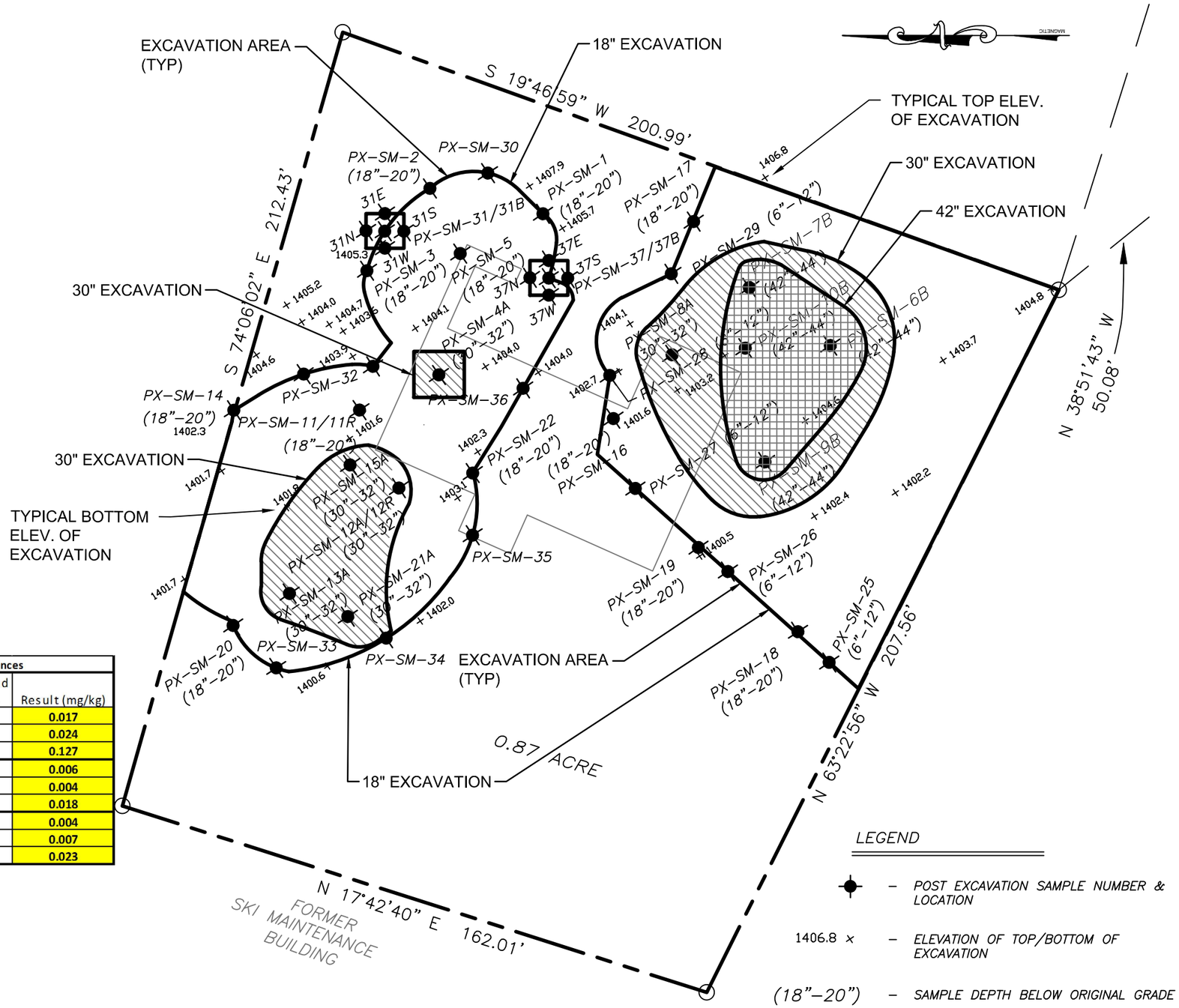
dwg by: yy
chk by: FD
scale: 1" = 40'
date: 8/20/19

SESI CONSULTING ENGINEERS D.P.C.
SOILS / FOUNDATIONS
SITE DESIGN
ENVIRONMENTAL
12A MAPLE AVE. PINE BROOK, N.J. 07058 PH: 973-808-9050

project: ROUTE 17 & ROUTE 52 EAST
LIBERTY, NEW YORK 12754
NYSDEC BCP SITE NO. C353015

drawing title: ICE RINK AREA EXCAVATION PLAN

job no: 9313
drawing no: FIG-2.6



Ski Maintenance Area - Remaining Unrestricted Exceedances					
Sample Number	Date	Depth	Parameter	Unrestricted Use SCOs	Result (mg/kg)
PX-SM-37W	7/16/2019	6-12"	4,4'-DDD	0.0033	**0.017**
			4,4'-DDE	0.0033	**0.024**
			4,4'-DDT	0.0033	**0.127**
PX-SM-37S	7/16/2019	6-12"	4,4'-DDD	0.0033	**0.006**
			4,4'-DDE	0.0033	**0.004**
			4,4'-DDT	0.0033	**0.018**
PX-SM-37N	7/16/2019	6-12"	4,4'-DDD	0.0033	**0.004**
			4,4'-DDE	0.0033	**0.007**
			4,4'-DDT	0.0033	**0.023**

NYS Education Law

Unauthorized alterations or additions to this plan are a violation of section 7209 (2) of the New York State Education Law. Copies of this map not having the seal of the engineer shall not be valid.

© SESI CONSULTING ENGINEERS D.P.C. 2019

This drawing and all information contained here on is proprietary information of SESI CONSULTING ENGINEERS D.P.C. and may not be copied or reproduced, either in whole or in part, by any method, without written permission of SESI CONSULTING ENGINEERS D.P.C.

REFERENCE

SURVEY AND SAMPLES INFORMATION PROVIDED BY PACKER ASSOCIATES, INC., DATED DECEMBER 10, 2018.

SESI CONSULTING ENGINEERS D.P.C.

SOILS / FOUNDATIONS
SITE DESIGN
ENVIRONMENTAL

12A MAPLE AVE, PINE BROOK, N.J. 07058 PH: 973-808-9050

dwg by: yy
chk by: FD
scale: 1" = 30'
date: 7/31/19

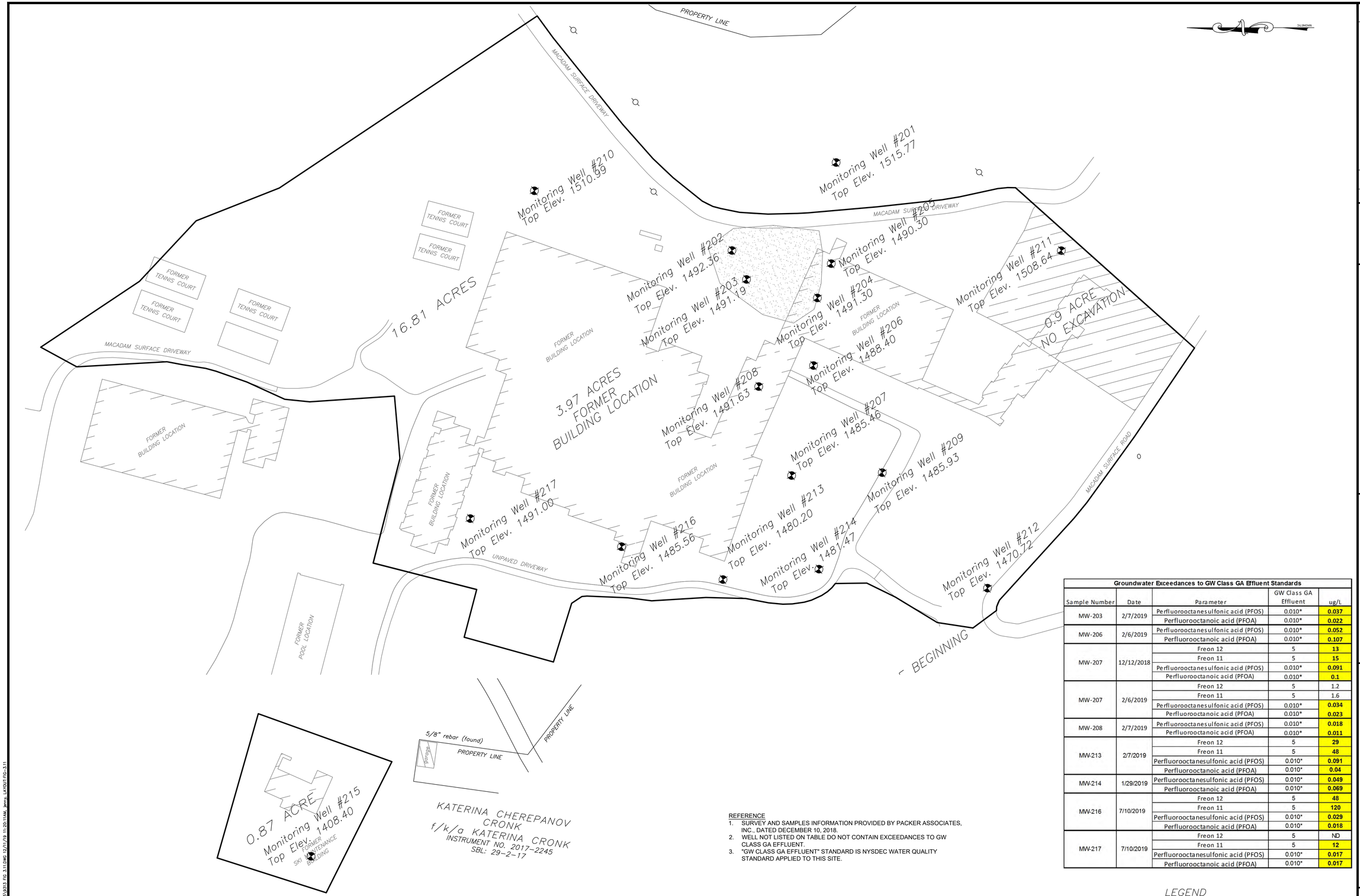
project:
ROUTE 17 & ROUTE 52 EAST
LIBERTY, NEW YORK 12754
NYSDEC BCP SITE NO. C353015

drawing title:
EXCAVATION PLAN
SKI MAINTENANCE AREA

job no: 9313
drawing no:

FIG 2.7

N:\ACAD\9313\FER JULY 2019\9313 FIG-3.2.DWG 08/20/19 10:02:29AM, jenny, LAYOUT:FIG-3.2



Groundwater Exceedances to GW Class GA Effluent Standards

Sample Number	Date	Parameter	GW Class GA Effluent	ug/L
MW-203	2/7/2019	Perfluorooctanesulfonic acid (PFOS)	0.010*	**0.037**
		Perfluorooctanoic acid (PFOA)	0.010*	**0.022**
MW-206	2/6/2019	Perfluorooctanesulfonic acid (PFOS)	0.010*	**0.052**
		Perfluorooctanoic acid (PFOA)	0.010*	**0.107**
MW-207	12/12/2018	Freon 12	5	**13**
		Freon 11	5	**15**
		Perfluorooctanesulfonic acid (PFOS)	0.010*	**0.091**
		Perfluorooctanoic acid (PFOA)	0.010*	**0.1**
MW-207	2/6/2019	Freon 12	5	1.2
		Freon 11	5	1.6
		Perfluorooctanesulfonic acid (PFOS)	0.010*	**0.034**
		Perfluorooctanoic acid (PFOA)	0.010*	**0.023**
MW-208	2/7/2019	Perfluorooctanesulfonic acid (PFOS)	0.010*	**0.018**
		Perfluorooctanoic acid (PFOA)	0.010*	**0.011**
MW-213	2/7/2019	Freon 12	5	**29**
		Freon 11	5	**48**
		Perfluorooctanesulfonic acid (PFOS)	0.010*	**0.091**
		Perfluorooctanoic acid (PFOA)	0.010*	**0.04**
MW-214	1/29/2019	Perfluorooctanesulfonic acid (PFOS)	0.010*	**0.049**
		Perfluorooctanoic acid (PFOA)	0.010*	**0.069**
MW-216	7/10/2019	Freon 12	5	**48**
		Freon 11	5	**120**
		Perfluorooctanesulfonic acid (PFOS)	0.010*	**0.029**
		Perfluorooctanoic acid (PFOA)	0.010*	**0.018**
MW-217	7/10/2019	Freon 12	5	ND
		Freon 11	5	**12**
		Perfluorooctanesulfonic acid (PFOS)	0.010*	**0.017**
		Perfluorooctanoic acid (PFOA)	0.010*	**0.017**

REFERENCE
1. SURVEY AND SAMPLES INFORMATION PROVIDED BY PACKER ASSOCIATES, INC., DATED DECEMBER 10, 2018.
2. WELL NOT LISTED ON TABLE DO NOT CONTAIN EXCEEDANCES TO GW CLASS GA EFFLUENT.
3. "GW CLASS GA EFFLUENT" STANDARD IS NYSDEC WATER QUALITY STANDARD APPLIED TO THIS SITE.

NOTES:
- ALL WELLS SAMPLED FOR TCL/TAL +30, PFAS, AND 1,4 DIOXANE
- NO EXCEEDANCES WERE DETECTED FOR ANY OF THE COMPOUNDS.

LEGEND

MW–201 – MONITORING WELL LOCATION AND DESIGNATION

Scale: 1"= 60'
0 30 60 120 180 240

NYS Education Law
Unauthorized alterations or additions to this plan are a violation of section 7209 (2) of the New York State Education Law. Copies of this map not having the seal of the engineer shall not be valid.

© SESI CONSULTING ENGINEERS D.P.C. 2019
This drawing and all information contained here on is proprietary information of SESI CONSULTING ENGINEERS D.P.C. and may not be copied or reproduced, either in whole or in part, by any method, without written permission of SESI CONSULTING ENGINEERS D.P.C.

N:\ACAD\2313\TER 2019-12-05\2313 FIG 3.1\TER 12/17/19 11:26:11AM Jonny LAYOUT:FIG-2.8

rev	date	description	by

dwg by: yy
chk by: FD
scale: 1" = 60'
date: 12/05/19

SESI CONSULTING ENGINEERS D.P.C.
SOILS / FOUNDATIONS
SITE DESIGN
ENVIRONMENTAL
12A MAPLE AVE., PINE BROOK, NJ., 07058 PH: 973-808-9050

ROUTE 17 & ROUTE 52 EAST
LIBERTY, NEW YORK 12754
NYSDEC BCP SITE NO. C353015

drawing title: MONITORING WELL LOCATION PLAN

job no. 9313
drawing no. FIG-2.8

PROPERTY LINE

EASTERN BOUNDARY OF BCP
(TOTAL AREA = 17.30 ACRES)
AND PROPOSED EXTENT OF
ENVIRONMENTAL EASEMENT AREA

MACADAM SURFACE DRIVEWAY

Monitoring Well #210
Top Elev. 1511.0

Monitoring Well #201
Top Elev. 1515.8

Monitoring Well #202
Top Elev. 1492.40

Monitoring Well #203
Top Elev. 1491.2

Monitoring Well #204
Top Elev. 1491.3

Monitoring Well #205
Top Elev. 1490.3

Monitoring Well #206
Top Elev. 1488.4

Monitoring Well #207
Top Elev. 1485.5

Monitoring Well #208
Top Elev. 1491.6

Monitoring Well #209
Top Elev. 1485.9

Monitoring Well #211
Top Elev. 1508.6

Monitoring Well #212
Top Elev. 1470.7

Monitoring Well #213

Monitoring Well #214

Monitoring Well #216

Monitoring Well #217

Monitoring Well #215

FORMER TENNIS COURT

FORMER BUILDING LOCATION

FORMER POOL LOCATION

MACADAM SURFACE ROAD

UNPAVED DRIVEWAY

5/8" rebar (found)

PROPERTY LINE

garage

KATERINA CHEREPANOV CRONK
f/k/a KATERINA CRONK
INSTRUMENT NO. 2017-2245
SBL: 29-2-17

SKI MAINTENANCE BUILDING

WESTERN BOUNDARY OF BCP
(TOTAL AREA = 0.87 ACRES)
NOT PART OF ENVIRONMENTAL
EASEMENT AREA

Scale: 1"= 80'

0 40 80 160 240 320

Groundwater Exceedances to GW Class GA Effluent Standards

Sample Number	Date	Parameter	GW Class GA Effluent	ug/L
MW-203	2/7/2019	Perfluorooctanesulfonic acid (PFOS)	0.010*	**0.037**
		Perfluorooctanoic acid (PFOA)	0.010*	**0.022**
MW-206	2/6/2019	Perfluorooctanesulfonic acid (PFOS)	0.010*	**0.052**
		Perfluorooctanoic acid (PFOA)	0.010*	**0.107**
MW-207	12/12/2018	Freon 21	5	**13**
		Freon 11	5	**15**
		Perfluorooctanesulfonic acid (PFOS)	0.010*	**0.091**
		Perfluorooctanoic acid (PFOA)	0.010*	**0.1**
MW-207	2/6/2019	Freon 21	5	1.2
		Freon 11	5	1.6
		Perfluorooctanesulfonic acid (PFOS)	0.010*	**0.034**
		Perfluorooctanoic acid (PFOA)	0.010*	**0.023**
MW-208	2/7/2019	Perfluorooctanesulfonic acid (PFOS)	0.010*	**0.018**
		Perfluorooctanoic acid (PFOA)	0.010*	**0.011**
MW-213	2/7/2019	Freon 21	5	**29**
		Freon 11	5	**48**
		Perfluorooctanesulfonic acid (PFOS)	0.010*	**0.091**
		Perfluorooctanoic acid (PFOA)	0.010*	**0.04**
MW-214	1/29/2019	Perfluorooctanesulfonic acid (PFOS)	0.010*	**0.049**
		Perfluorooctanoic acid (PFOA)	0.010*	**0.069**
MW-216	2/7/2019	Freon 21	5	**48**
		Freon 11	5	**120**
		Perfluorooctanesulfonic acid (PFOS)	0.010*	**0.029**
		Perfluorooctanoic acid (PFOA)	0.010*	**0.018**
MW-217	7/10/2019	Freon 21	5	ND
		Freon 11	5	**12**
		Perfluorooctanesulfonic acid (PFOS)	0.010*	**0.017**
		Perfluorooctanoic acid (PFOA)	0.010*	**0.017**

LEGEND

MW-201 – MONITORING WELL LOCATION AND DESIGNATION

– WELLS WITH PFAS DETECTS

– WELLS WITH FREON EXCEEDANCES

– BCP BOUNDARY AND EXTENT OF ENVIRONMENTAL EASEMENT

– BCP BOUNDARY

NOTES:
- ALL WELLS SAMPLED FOR TCL/TAL +30, PFAS, AND 1,4 DIOXANE
- NO EXCEEDANCES WERE DETECTED FOR ANY OF THE COMPOUNDS.

REFERENCE
SURVEY AND SAMPLES INFORMATION PROVIDED BY RACKER ASSOCIATES, INC., DATED DECEMBER 10, 2018.

NYS Education Law
Unauthorized alterations or additions to this plan are a violation of section 7209 (2) of the New York State Education Law. Copies of this map not having the seal of the engineer shall not be valid.

© SESI CONSULTING ENGINEERS D.P.C. 2019
This drawing and all information contained here on is proprietary information of SESI CONSULTING ENGINEERS D.P.C. and may not be copied or reproduced, either in whole or in part, by any method, without written permission of SESI CONSULTING ENGINEERS D.P.C.

N:\ACAD\9313\VER .doc\ 2019\9313 FIG 4.2.dwg 08/23/19 12:02:48PM jerry LAYOUT:FIG-4.2

SESI CONSULTING ENGINEERS D.P.C.
SOILS / FOUNDATIONS
SITE DESIGN
ENVIRONMENTAL
12A MAPLE AVE., PINE BROOK, NJ., 07058 PH: 973-808-9050

rev	date	description	by

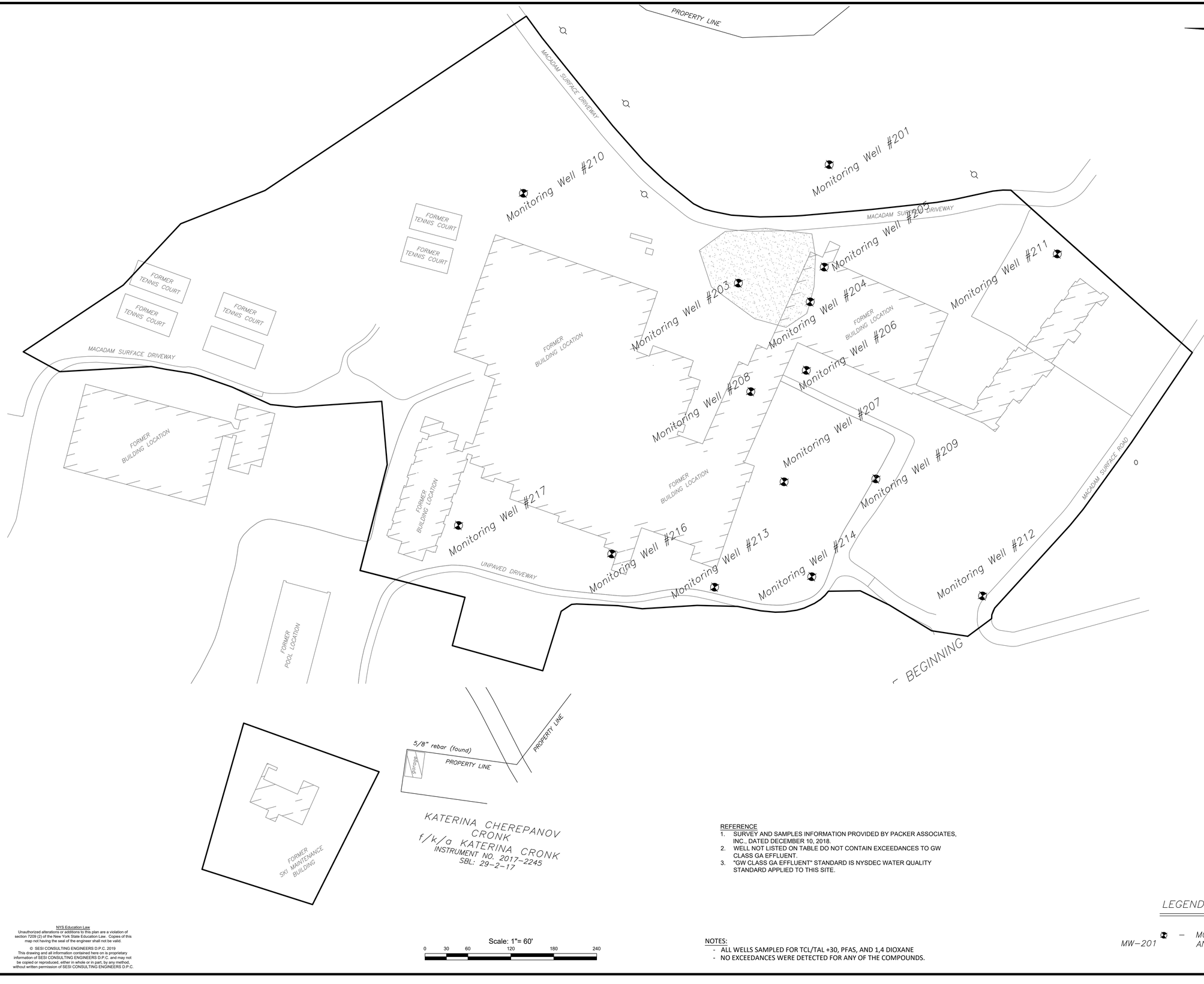
dwg by: yy
chk by: FD
scale: 1" = 80'
date: 08/20/19

FUAD DAHAN, P.E.
PROFESSIONAL ENGINEER
N.Y. LIC. NO. 090531

ROUTE 17 & ROUTE 52 EAST
LIBERTY, NEW YORK 12754
NYSDEC BCP SITE NO. C353015

drawing title:
PROPOSED
ENVIRONMENTAL EASEMENT AREA

job no. 9313
drawing no.
FIG- 3.1



REFERENCE
1. SURVEY AND SAMPLES INFORMATION PROVIDED BY PACKER ASSOCIATES, INC., DATED DECEMBER 10, 2018.
2. WELL NOT LISTED ON TABLE DO NOT CONTAIN EXCEEDANCES TO GW CLASS GA EFFLUENT.
3. "GW CLASS GA EFFLUENT" STANDARD IS NYSDEC WATER QUALITY STANDARD APPLIED TO THIS SITE.

NOTES:
- ALL WELLS SAMPLED FOR TCL/TAL +30, PFAS, AND 1,4 DIOXANE
- NO EXCEEDANCES WERE DETECTED FOR ANY OF THE COMPOUNDS.

LEGEND

MW-201 – MONITORING WELL LOCATION AND DESIGNATION

Scale: 1"= 60'

0 30 60 120 180 240

NYS Education Law
Unauthorized alterations or additions to this plan are a violation of section 7209 (2) of the New York State Education Law. Copies of this map not having the seal of the engineer shall not be valid.

© SESI CONSULTING ENGINEERS D.P.C. 2019
This drawing and all information contained here on is proprietary information of SESI CONSULTING ENGINEERS D.P.C. and may not be copied or reproduced, either in whole or in part, by any method, without written permission of SESI CONSULTING ENGINEERS D.P.C.

N:\ACAD\9313\Cad\ 2019-12-10\9313 FIG-4.1.DWG 12/17/19 08:15:43PM Jenny LAYOUT:FIG-4.1

rev	date	description	by

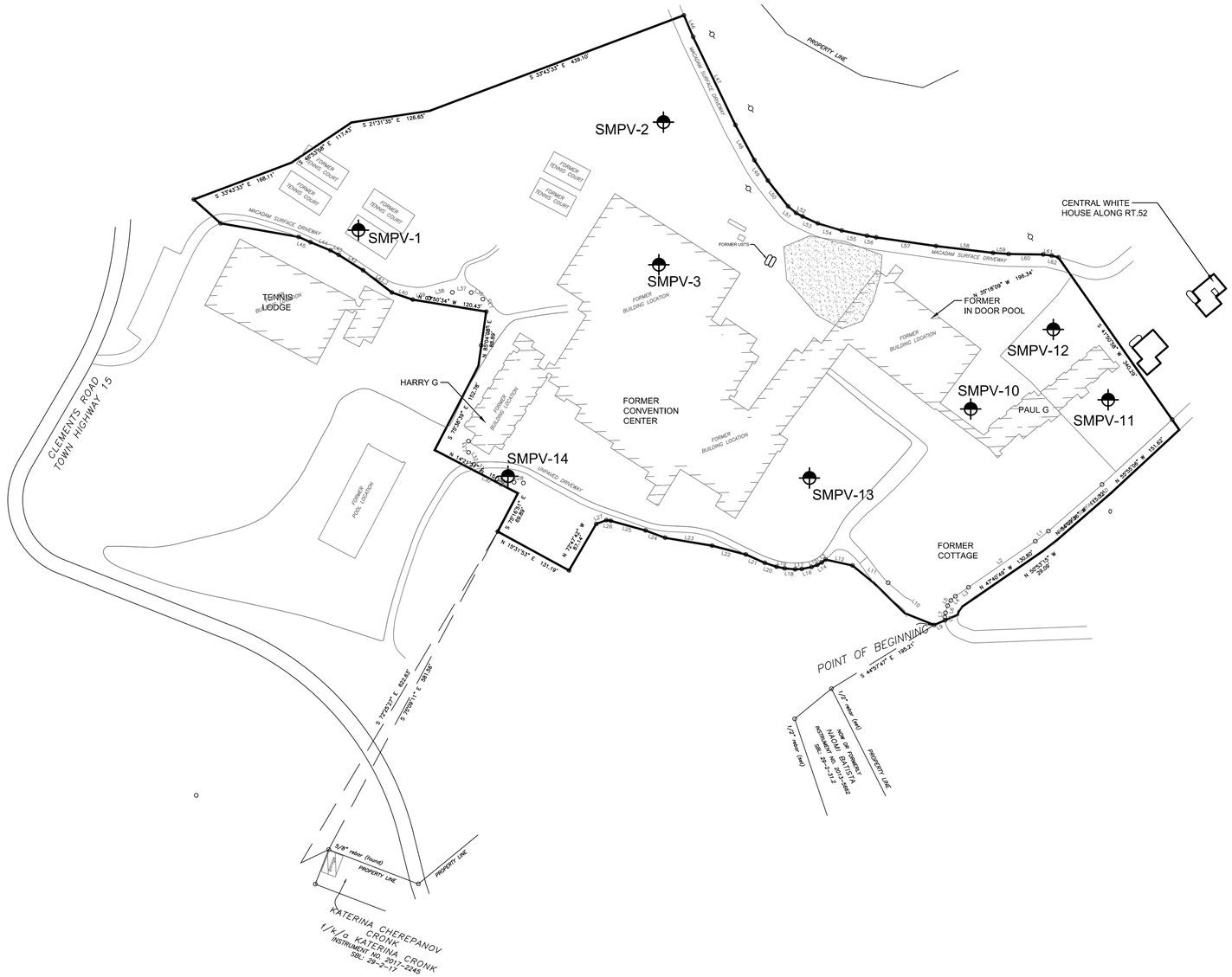
dwg by: yy
chk by: FD
scale: 1" = 60'
date: 12/10/19

SESI CONSULTING ENGINEERS D.P.C.
SOILS / FOUNDATIONS
SITE DESIGN
ENVIRONMENTAL
12A MAPLE AVE., PINE BROOK, NJ., 07058 PH: 973-808-9050

ROUTE 17 & ROUTE 52 EAST
LIBERTY, NEW YORK 12754
NYSDEC BCP SITE NO. C353015

drawing title: MONITORING WELL LOCATION PLAN

job no. 9313
drawing no. FIG-4.1



LEGEND:

SMPV-12 - LOCATION AND AND SOIL VAPOR POINT NUMBER

\- BROWNFIELDS CLEAN-UP PROGRAM (BCP) TOTAL AREA = 17.30+0.87 ACRES SITE BOUNDARY

Scale: 1"= 100'

0 50 100 200 300 400

REFERENCE
SITE INFORMATION TAKEN FROM "PRELIMINARY MAP". DATED FEBRUARY 1993. LAST UPDATED ON DECEMBER 2009.

© SESI CONSULTING ENGINEERS D.P.C. 2016
This drawing and all information contained hereon is proprietary information of SESI CONSULTING ENGINEERS D.P.C. and may not be copied or reproduced, either in whole or in part, by any method, without written permission of SESI CONSULTING ENGINEERS D.P.C.

N:\VOA\9313\SMP 2019-12-13\9313 FIG-4.2.DWG 12/1/19 02:29:07PM, Jenny, LAYOUT:FIG-4.2

rev	date	description	by

dwg by: yy
chk by: FD
scale: 1" = 100'
date: 12/10/19

SESI CONSULTING ENGINEERS D.P.C.
SOILS / FOUNDATIONS
SITE DESIGN
ENVIRONMENTAL
12A MAPLE AVE., PINE BROOK, NJ., 07058 PH: 973-808-9050

ROUTE 17 & ROUTE 52 EAST
LIBERTY, NEW YORK 12754

drawing title:
PROPOSED
SOIL VAPOR POINT LOCATION PLAN

job no. 9313
drawing no.

FIG-4.2

Appendix B:

Well Sampling Logs

LOW-FLOW GROUNDWATER SAMPLING LOG

Location:	Liberty, NY			Job Number:	9313	WELL I.D. : MW-201			
Personnel:	MEM			Date:	9/8/2021				
				PID:	0				
Stickup? Y Distance ground to Stickup Rim/PVC	Distance From Rim to PVC	Total Depth of Well Rim/PVC	Depth to Product Rim/PVC	Depth to Water (Rim/PVC)	Standing Water Column (feet)	Middle of Saturated Zone (feet)	Depth to Sample Tube (feet)	Well Diameter (Inches)	Pump Peristaltic or Bladder
6.5"		19	NE	9.93	9.07	14.465	15	2	Peristaltic
Turbidity at collection (NTU):		0	(Less than 5 NTU is desirable)		Duplicate Collected? N			Filtered Sample	N
Stabilization Parameters		+/- 0.5 deg C.	+/- 0.1 Unit	+/- 10 umhos/cm or within 3% if >300umho	1 ppm	+/- 10 mV	No Limit	<.3 feet drawdown desirable	No Limit

Volume Purged (gallons)	Time (actual Time) 5 minute Intervals	TEMP. (Deg. C)	pH	Specific Conductivity uS/cm	Dissolved Oxygen (mg/L)	ORP mV millivolts	212	DTW (feet)	Odors Y/N
	1115	22.53	5.32	0.063	4.25	266	126	9.98	N
	1120	22.3	5.33	0.059	4.22	263	105	10	N
	1125	22.12	5.35	0.053	4.12	262	75	10	N
	1130	21.98	5.33	0.05	3.98	259	52	10	N
	1135	21.75	5.21	0.05	3.97	258	23	10	N
	1140	21.2	5.15	0.049	3.96	254	11	10	N
	1145	20.75	5.16	0.049	3.92	254	3	10	N
	1150	20.5	5.15	0.049	3.92	254	0	10	N
	1155	20.44	5.14	0.049	3.92	254	0	10	N
3	1200	20.42	5.14	0.048	3.92	254	0	10	N

Well Condition Summary

Cover: Y	Bolts: Y		Concrete Pad OK: Y	Gripper: Y	

Sample Collection Information

Sample Time:	1200	Appearance: Clear	Filtered Sample Turbidity:	OTHER:

Desired purge flow rate <100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submittal. Minimum 20 minute purge to establish stabilization.

Notes/ Calculations:

Volume? Linear Ft of well casing; 1"=0.041 gal. 2"= 0.163 gal. 4"=0.653 gal.

ABSORBENT SOCK

Sock Length (ft) =		Capacity (Qt.) =		Present:	Y / N	Product Measured (Inches) :	
Sock Installation Date:			Sock Changed :		Y / N		
Sock Depth (Depth to sock mid point):							

LOW-FLOW GROUNDWATER SAMPLING LOG

Location:	Liberty, NY			**Job Number:**	9313	**WELL I.D. : MW-203**			
Personnel:	MEM			**Date:**	9/8/2021				
				PID:	0				

Stickup? Y / Distance ground to Stickup Rim/PVC	Distance From Rim to PVC	Total Depth of Well Rim/PVC	Depth to Product Rim/PVC	Depth to Water (Rim/PVC)	Standing Water Column (feet)	Middle of Saturated Zone (feet)	Depth to Sample Tube (feet)	Well Diameter (Inches)	Pump Peristaltic or Bladder
2.6'		25.3	NE	4.72	20.58	15.01	15.5	2	Peristaltic

Turbidity at collection (NTU):	0	(Less than 5 NTU is desirable)	**Duplicate Collected? N**		**Filtered Sample** N
Stabilization Parameters	+/- 0.5 deg C.	+/- 0.1 Unit	+/- 10 umhos/cm or within 3% if >300umho	1 ppm	+/- 10 mV	No Limit	<.3 feet drawdown desirable	No Limit

Volume Purged (gallons)	Time (actual Time) 5 minute Intervals	TEMP. (Deg. C)	pH	Specific Conductivity uS/cm	Dissolved Oxygen (mg/L)	ORP mV millivolts	Turbidity NTUs	DTW (feet)	Odors Y/N
	1220	18.57	6.64	0.324	0	-115	101		N
	1225	18.56	6.64	0.323	0	-112	21		N
	1230	18.54	6.63	0.323	0	-110	9.3		N
	1235	18.54	6.63	0.322	0	-109	4.7		N
	1240	18.54	6.63	0.321	0	-109	0		N
	1245	18.55	6.63	0.321	0	-109	0		N
									N

Well Condition Summary

Cover: Y	**Bolts: Y**		**Concrete Pad OK: Y**	**Gripper: Y**	

Sample Collection Information

Sample Time:	1245	**Appearance: Clear**	**Filtered Sample Turbidity:**	**OTHER:**

Desired purge flow rate <100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submittal. Minimum 20 minute purge to establish stabilization.

Notes/ Calculations:

Volume? Linear Ft of well casing; 1"=0.041 gal. 2"= 0.163 gal. 4"=0.653 gal.

ABSORBENT SOCK

Sock Length (ft) =		**Capacity (Qt.) =**		**Present:**	Y / N	**Product Measured (Inches) :**	
Sock Installation Date:			**Sock Changed :**		Y / N		
Sock Depth (Depth to sock mid point):							

LOW-FLOW GROUNDWATER SAMPLING LOG

Location:	Liberty, NY			Job Number:	9313	WELL I.D. : MW-204			
Personnel:	MEM			Date:	9/9/2021				
				PID:	0				

Stickup? Y Distance ground to Stickup Rim/PVC	Distance From Rim to PVC	Total Depth of Well Rim/PVC	Depth to Product Rim/PVC	Depth to Water (Rim/PVC)	Standing Water Column (feet)	Middle of Saturated Zone (feet)	Depth to Sample Tube (feet)	Well Diameter (Inches)	Pump Peristaltic or Bladder
5.1'		14.55	NE	5.82	8.73	10.185	10.5	2	Peristaltic

Turbidity at collection (NTU):	3.5	(Less than 5 NTU is desirable)	Duplicate Collected? N	Filtered Sample	N

Stabilization Parameters	+/- 0.5 deg C.	+/- 0.1 Unit	+/- 10 umhos/cm or within 3% if >300umho	1 ppm	+/- 10 mV	No Limit	<.3 feet drawdown desirable	No Limit

Volume Purged (gallons)	Time (actual Time) 5 minute Intervals	TEMP. (Deg. C)	pH	Specific Conductivity uS/cm	Dissolved Oxygen (mg/L)	ORP mV millivolts	Turbidity NTUs	DTW (feet)	Odors Y/N
	1120	19.55	6.69	0.325	0.19	-58	957	6.65	N
	1125	20.08	6.94	0.327	0.14	-60	348	7.22	N
	1130	20.33	7.1	0.326	0	-78	35.9	7.22	N
	1135	20.33	7.12	0.326	0	-80	9.5	7.22	N
	1140	20.32	7.13	0.326	0	-81	7.2	7.22	N
2	1145	20.32	7.13	0.326	0	-82	3.5	7.22	N

Well Condition Summary

Cover: Y	Bolts: Y		Concrete Pad OK: Y	Gripper: Y	

Sample Collection Information

Sample Time:	1145	Appearance: Clear	Filtered Sample Turbidity:	OTHER:

Desired purge flow rate <100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submittal. Minimum 20 minute purge to establish stabilization.

Notes/ Calculations:

Volume? Linear Ft of well casing; 1"=0.041 gal. 2"= 0.163 gal. 4"=0.653 gal.

ABSORBENT SOCK

Sock Length (ft) =		Capacity (Qt.) =		Present:	Y / N	Product Measured (Inches) :	
Sock Installation Date:			Sock Changed :		Y / N		
Sock Depth (Depth to sock mid point):							

LOW-FLOW GROUNDWATER SAMPLING LOG

Location:	Liberty, NY			Job Number:	9313	WELL I.D. : MW-205			
Personnel:	MEM			Date:	9/9/2021				
				PID:	0				
Stickup? Y Distance ground to Stickup Rim/PVC	Distance From Rim to PVC	Total Depth of Well Rim/PVC	Depth to Product Rim/PVC	Depth to Water (Rim/PVC)	Standing Water Column (feet)	Middle of Saturated Zone (feet)	Depth to Sample Tube (feet)	Well Diameter (Inches)	Pump Peristaltic or Bladder
3.2'		12.6	NE	3.92	8.68	10.64	11	2	Peristaltic
Turbidity at collection (NTU):		0	(Less than 5 NTU is desirable)		Duplicate Collected? N			Filtered Sample	N
Stabilization Parameters		+/- 0.5 deg C.	+/- 0.1 Unit	+/- 10 umhos/cm or within 3% if >300umho	1 ppm	+/- 10 mV	No Limit	<.3 feet drawdown desirable	No Limit

Volume Purged (gallons)	Time (actual Time) 5 minute Intervals	TEMP. (Deg. C)	pH	Specific Conductivity uS/cm	Dissolved Oxygen (mg/L)	ORP mV millivolts	Turbidity NTUs	DTW (feet)	Odors Y/N
	1200	15.36	5.54	0.081	3.53	197	135	3.95	N
	1205	15.48	5.47	0.081	3.5	248	0	3.95	N
	1210	15.5	5.47	0.081	3.5	252	0	3.95	N
1.5	1215	15.53	5.48	0.081	3.5	254	0	3.95	N

Well Condition Summary

Cover: Y	Bolts: Y		Concrete Pad OK: Y	Gripper: Y	

Sample Collection Information

Sample Time:	1215	Appearance: Clear	Filtered Sample Turbidity:	OTHER:

Desired purge flow rate <100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submittal. Minimum 20 minute purge to establish stabilization.

Notes/ Calculations:

Volume? Linear Ft of well casing; 1"=0.041 gal. 2"= 0.163 gal. 4"=0.653 gal.

ABSORBENT SOCK

Sock Length (ft) =		Capacity (Qt.) =		Present:	Y / N	Product Measured (Inches) :	
Sock Installation Date:			Sock Changed :		Y / N		
Sock Depth (Depth to sock mid point):							

LOW-FLOW GROUNDWATER SAMPLING LOG

Location:	Liberty, NY			Job Number:	9313	WELL I.D. : MW-206			
Personnel:	MZ			Date:	9/9/2021				
				PID:	0				

Stickup? Y Distance ground to Stickup Rim/PVC	Distance From Rim to PVC	Total Depth of Well Rim/PVC	Depth to Product Rim/PVC	Depth to Water (Rim/PVC)	Standing Water Column (feet)	Middle of Saturated Zone (feet)	Depth to Sample Tube (feet)	Well Diameter (Inches)	Pump Peristaltic or Bladder
3.9'		19.5'		8.48			12'	2	Peristaltic

Turbidity at collection (NTU):		(Less than 5 NTU is desirable)		Duplicate Collected? N			Filtered Sample	N
Stabilization Parameters	+/- 0.5 deg C.	+/- 0.1 Unit	+/- 10 umhos/cm or within 3% if >300umho	1 ppm	+/- 10 mV	No Limit	<.3 feet drawdown desirable	No Limit

Volume Purged (gallons)	Time (actual Time) 5 minute Intervals	TEMP. (Deg. C)	pH	Specific Conductivity uS/cm	Dissolved Oxygen (mg/L)	ORP mV millivolts	Turbidity NTUs	DTW (feet)	Odors Y/N
	835	17.22	6.38	0.386	1.92	247	476	8.48	N
	840	17.48	6.4	0.375	1.73	244	560	8.98	N
	845	17.47	6.47	0.377	1.87	236	174	8.95	N
	850	17.41	6.5	0.376	1.83	231	142	8.95	N
	855	17.30	6.55	0.366	1.65	213	218	8.96	N
	900	17.21	6.6	0.363	1.63	224	256	8.96	N
	905	17.14	6.64	0.355	1.34	220	329	8.97	N
	910	17.13	6.64	0.349	1.26	218	362	8.98	N
	915	17.12	6.66	0.346	1.25	219	366	8.98	N

Well Condition Summary

Cover: Y	Bolts: Y		Concrete Pad OK: Y	Gripper: Y	

Sample Collection Information

Sample Time:	915	Appearance: Turbid	Filtered Sample Turbidity:	OTHER:

Desired purge flow rate <100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submittal. Minimum 20 minute purge to establish stabilization.

Notes/ Calculations:

Volume? Linear Ft of well casing; 1"=0.041 gal. 2"= 0.163 gal. 4"=0.653 gal.

ABSORBENT SOCK

Sock Length (ft) =		Capacity (Qt.) =		Present:	Y / N	Product Measured (Inches) :	
Sock Installation Date:			Sock Changed :		Y / N		
Sock Depth (Depth to sock mid point):							

LOW-FLOW GROUNDWATER SAMPLING LOG

Location:	Liberty, NY			Job Number:	9313	WELL I.D. : MW-207			
Personnel:	MZ			Date:	9/9/2021				
				PID:	0				
Stickup? Y Distance ground to Stickup Rim/PVC	Distance From Rim to PVC	Total Depth of Well Rim/PVC	Depth to Product Rim/PVC	Depth to Water (Rim/PVC)	Standing Water Column (feet)	Middle of Saturated Zone (feet)	Depth to Sample Tube (feet)	Well Diameter (Inches)	Pump Peristaltic or Bladder
4.4'	0.5'	15.7	NE	7.92			10'	2	Peristaltic
Turbidity at collection (NTU):			(Less than 5 NTU is desirable)		Duplicate Collected? N			Filtered Sample	N
Stabilization Parameters		+/- 0.5 deg C.	+/- 0.1 Unit	+/- 10 umhos/cm or within 3% if >300umho	1 ppm	+/- 10 mV	No Limit	<.3 feet drawdown desirable	No Limit

Volume Purged (gallons)	Time (actual Time) 5 minute Intervals	TEMP. (Deg. C)	pH	Specific Conductivity uS/cm	Dissolved Oxygen (mg/L)	ORP mV millivolts	Turbidity NTUs	DTW (feet)	Odors Y/N
	945	18.83	6.92	0.974	4.62	191	175	7.92	N
	950	19.02	7.03	1.000	4.99	189	129	7.97	N
	955	18.99	7.09	0.929	4.25	187	144	8.09	N
	1000	19.00	7.09	0.883	3.93	187	123	8.10	N
	1005	18.97	7.22	0.787	3.07	187	148	8.14	N
	1010	18.93	7.11	0.698	2.46	187	127	8.15	N
	1015	18.97	7.03	0.632	1.94	188	108	8.15	N
	1020	18.99	7.03	0.550	1.58	187	100	8.15	N
	1025	19.00	7.03	0.553	1.48	189	95.4	8.15	N
	1030	19.00	7.03	0.552	1.50	188	90.2	8.15	N

Well Condition Summary

Cover: Y	Bolts: Y		Concrete Pad OK: Y	Gripper: Y	

Sample Collection Information

Sample Time:	1030	Appearance: Turbid	Filtered Sample Turbidity:	OTHER:

Desired purge flow rate <100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submittal. Minimum 20 minute purge to establish stabilization.

Notes/ Calculations:

Volume? Linear Ft of well casing; 1"=0.041 gal. 2"= 0.163 gal. 4"=0.653 gal.

ABSORBENT SOCK

Sock Length (ft) =		Capacity (Qt.) =		Present:	Y / N	Product Measured (Inches) :	
Sock Installation Date:			Sock Changed :		Y / N		
Sock Depth (Depth to sock mid point):							

VOLUME AVERAGING PURGING GROUNDWATER SAMPLING LOG

Location:				**Job Number:**	**9313**	**WELL I.D. : MW-209**			
Personnel:				**Date:**	**9/9/2021**	SESI CONSULTING ENGINEERS			
				PID:	**0**				
Stickup? Y/N **Distance ground to Stickup Rim/PVC**	**Distance From Rim to PVC**	**Total Depth of Well Rim/PVC**	**Depth to Product Rim/PVC**	**Depth to Water (Rim/PVC)**	**Standing Water Column (feet)**	**Middle of Saturated Zone (feet)**	**Depth to Sample Tube (feet)**	**TOV @ Well Head (ppmv)**	**Pump Peristaltic or Bladder**
		17		6.38	10.62	11.69	13		
Turbidity at collection (NTU):			**(Less than 5 NTU is desirable)**		**Duplicate Collected? Y/N**			**Filtered Sample Y/N**	
Stabilization Parameters		**+/- 0.5 deg C.**	**+/- 0.1 Unit**	**+/- 10 umhos/cm or within 3% if >300umho**	**1 ppm**	**+/- 10 mV**	**No Limit**	**<.3 feet drawdown desirable**	**No Limit**
Volume Purged (gallons)	**Time (actual Time) 5 minute Intervals**	**TEMP. (Deg. C)**	**pH**	**Specific Conductivity uS/cm**	**Dissolved Oxygen (mg/L)**	**ORP mV millivolts**	**Turbidity NTUs**	**DTW (feet)**	**Odors Y/N**
		18.36	6.29	0.201	3.63	-46	703	8.5	
		18.36	6.29	0.2	3.55	-45	630	9.73	
		18.36	6.29	0.199	3.52	-45	512	11.05	
		18.36	6.29	0.199	3.51	-45	550	12.55	
DRAWDOWN TOO QUICK, POOR RECOVERY, SWITCH TO VOLUME AVERAGE PURGE									
Well Condition Summary									
Cover: Y / N		**Bolts: Y / N**		**Concrete Pad OK: Y / N**		**Gripper: Y / N**			
Sample Collection Information									
Sample Time:		**Appearance:**		**Filtered Sample Turbidity:**			**OTHER:**		

Desired purge flow rate <100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submittal. Minimum 20 minute purge to establish stabilization.

Notes/ Calculations:

Volume? Linear Ft of well casing; 1"=0.041 gal. 2"= 0.163 gal. 4"=0.653 gal.

ABSORBENT SOCK							
Sock Length (ft) =		**Capacity (Qt.) =**		**Present:**	**Y / N**	**Product Measured (Inches) :**	
Sock Installation Date:			**Sock Changed :**		**Y / N**		
Sock Depth (Depth to sock mid point):							

LOW-FLOW GROUNDWATER SAMPLING LOG

Location:	Liberty, NY			Job Number:	9313	WELL I.D. : MW-210			
Personnel:	MEM			Date:	9/2021				
				PID:	0.1				

Stickup? Y Distance ground to Stickup Rim/PVC	Distance From Rim to PVC	Total Depth of Well Rim/PVC	Depth to Product Rim/PVC	Depth to Water (Rim/PVC)	Standing Water Column (feet)	Middle of Saturated Zone (feet)	Depth to Sample Tube (feet)	Well Diameter (Inches)	Pump Peristaltic or Bladder
4.5		18.3	NE	11.25	7.05	14.78	16	2	Peristaltic

Turbidity at collection (NTU):	0	(Less than 5 NTU is desirable)		Duplicate Collected? N			Filtered Sample	N
Stabilization Parameters	+/- 0.5 deg C.	+/- 0.1 Unit	+/- 10 umhos/cm or within 3% if >300umho	1 ppm	+/- 10 mV	No Limit	<.3 feet drawdown desirable	No Limit

Volume Purged (gallons)	Time (actual Time) 5 minute Intervals	TEMP. (Deg. C)	pH	Specific Conductivity uS/cm	Dissolved Oxygen (mg/L)	ORP mV millivolts	Turbidity NTUs	DTW (feet)	Odors Y/N
	940	15.03	9.68	0.218	4.53	94	584	11.4	N
	945	20.85	7.58	0.201	4.31	132	476	11.4	N
	950	21.15	6.39	0.171	3.4	151	389	11.4	N
	955	21.21	3.12	0.163	3.42	170	275	11.4	N
	1000	21.33	5.94	0.155	3.46	171	224	11.4	N
	1005	21.32	5.9	0.147	3.4	175	198	11.4	N
	1010	21.3	5.9	0.146	3.41	179	25.3	11.4	N
	1015	21.29	5.88	0.144	3.42	180	9	11.4	N
	1020	21.23	5.87	0.143	3.41	182	0	11.4	N
	1025	21.25	5.87	0.143	3.42	180	0	11.4	N
4	1030	21.22	5.87	0.143	3.42	180	0	11.4	N
									N
									N
									N
									N
									N

Well Condition Summary

Cover: Y	Bolts: Y		Concrete Pad OK: Y	Gripper: Y	

Sample Collection Information

Sample Time:	1030	Appearance: Clear	Filtered Sample Turbidity:	OTHER:

Desired purge flow rate <100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submittal. Minimum 20 minute purge to establish stabilization.

Notes/ Calculations:

Volume? Linear Ft of well casing; 1"=0.041 gal. 2"= 0.163 gal. 4"=0.653 gal.

ABSORBENT SOCK

Sock Length (ft) =		Capacity (Qt.) =		Present:	Y / N	Product Measured (Inches) :	
Sock Installation Date:			Sock Changed :		Y / N		
Sock Depth (Depth to sock mid point):							

LOW-FLOW GROUNDWATER SAMPLING LOG

Location:	Liberty, NY			**Job Number:**	9313	**WELL I.D. : MW-211**			
Personnel:	MEM			**Date:**	9/9/2021	SESI CONSULTING ENGINEERS			
				PID:	0				
Stickup? Y Distance ground to Stickup Rim/PVC	**Distance From Rim to PVC**	**Total Depth of Well Rim/PVC**	**Depth to Product Rim/PVC**	**Depth to Water (Rim/PVC)**	**Standing Water Column (feet)**	**Middle of Saturated Zone (feet)**	**Depth to Sample Tube (feet)**	**Well Diameter (Inches)**	**Pump Peristaltic or Bladder**
4.4'	0.5'	19	NE	8.85	10.15	13.925	14.5	2	Peristaltic
Turbidity at collection (NTU):			(Less than 5 NTU is desirable)		**Duplicate Collected? N**			**Filtered Sample**	N
Stabilization Parameters		+/- 0.5 deg C.	+/- 0.1 Unit	+/- 10 umhos/cm or within 3% if >300umho	1 ppm	+/- 10 mV	No Limit	<.3 feet drawdown desirable	No Limit

Volume Purged (gallons)	Time (actual Time) 5 minute Intervals	TEMP. (Deg. C)	pH	Specific Conductivity uS/cm	Dissolved Oxygen (mg/L)	ORP mV millivolts	Turbidity NTUs	DTW (feet)	Odors Y/N
		17.19	5.98	0.175	3.59	124	839	9.46	N
		17.33	5.95	0.175	3.22	136	717	10.75	N
		17.98	5.93	0.175	2.89	142	700	12.03	N
		17.03	5.91	0.174	2.79	148	939	13.27	N
		18.27	5.89	0.173	2.77	154	1000	14.5	N
		18.3	5.9	0.173	2.78	154	1000	15.6	N
		18.33	5.9	0.173	2.78	154	1000	16.39	
3		18.33	5.9	0.173	2.78	154	1000	18.13	
DRAWDOWN TOO MUCH, RECHARGE TOO SLOW, SWITCH TO VOLUME AVERAGE PURGE									

Well Condition Summary

Cover: Y	**Bolts: Y**		**Concrete Pad OK: Y**	**Gripper: Y**	

Sample Collection Information

Sample Time:	1100	**Appearance: Clear**	**Filtered Sample Turbidity:**	**OTHER:**

Desired purge flow rate <100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submittal. Minimum 20 minute purge to establish stabilization.

Notes/ Calculations:

Volume? Linear Ft of well casing; 1"=0.041 gal. 2"= 0.163 gal. 4"=0.653 gal.

ABSORBENT SOCK

Sock Length (ft) =		**Capacity (Qt.) =**		**Present:**	Y / N	**Product Measured (Inches) :**	
Sock Installation Date:			**Sock Changed :**		Y / N		
Sock Depth (Depth to sock mid point):							

LOW-FLOW GROUNDWATER SAMPLING LOG

Location:	Liberty, NY			Job Number:	9313	WELL I.D. : MW-213			
Personnel:	MZ			Date:	9/8/2021	SESI CONSULTING ENGINEERS			
				PID:	0				
Stickup? Y Distance ground to Stickup Rim/PVC	Distance From Rim to PVC	Total Depth of Well Rim/PVC	Depth to Product Rim/PVC	Depth to Water (Rim/PVC)	Standing Water Column (feet)	Middle of Saturated Zone (feet)	Depth to Sample Tube (feet)	Well Diameter (Inches)	Pump Peristaltic or Bladder
3.5'	0.3'	20.5	NE	15.15			17	2	Peristaltic
Turbidity at collection (NTU):			(Less than 5 NTU is desirable)		Duplicate Collected? N			Filtered Sample	N
Stabilization Parameters		+/- 0.5 deg C.	+/- 0.1 Unit	+/- 10 umhos/cm or within 3% if >300umho	1 ppm	+/- 10 mV	No Limit	<.3 feet drawdown desirable	No Limit

Volume Purged (gallons)	Time (actual Time) 5 minute Intervals	TEMP. (Deg. C)	pH	Specific Conductivity uS/cm	Dissolved Oxygen (mg/L)	ORP mV millivolts	Turbidity NTUs	DTW (feet)	Odors Y/N
	1245	17.93	6.16	0.669	2.74	153	78.0	15.15	N
	1250	17.01	6	0.668	1.84	167	78.2	15.25	N
	1255	17.28	5.89	0.667	0.75	176	60.8	15.26	N
	1300	17.48	5.83	0.667	0.34	180	57.6	15.30	N
	1305	1729	5.77	0.666	0	184	57.3	15.33	N
	1310	16.81	5.74	0.666	0	186	48.8	15.40	N
	1315	16.88	5.73	0.666	0	188	41.0	15.41	N
	1320	16.87	5.72	0.665	0	189	43.2	15.41	N
	1325	16.88	5.71	0.666	0	190	20.5	15.41	N
	1330	16.88	5.71	0.666	0	190	20.2	15.42	N

Well Condition Summary

Cover: Y	Bolts: Y		Concrete Pad OK: Y	Gripper: Y	

Sample Collection Information

Sample Time:	1330	Appearance: Clear	Filtered Sample Turbidity:	OTHER:

Desired purge flow rate <100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submittal. Minimum 20 minute purge to establish stabilization.

Notes/ Calculations:

Volume? Linear Ft of well casing; 1"=0.041 gal. 2"= 0.163 gal. 4"=0.653 gal.

ABSORBENT SOCK

Sock Length (ft) =		Capacity (Qt.) =		Present:	Y / N	Product Measured (Inches) :	
Sock Installation Date:			Sock Changed :		Y / N		
Sock Depth (Depth to sock mid point):							

LOW-FLOW GROUNDWATER SAMPLING LOG

Location:	Liberty, NY			Job Number:	9313	WELL I.D. : MW-214			
Personnel:	MZ			Date:	9/9/2021				
				PID:	0				
Stickup? Y Distance ground to Stickup Rim/PVC	Distance From Rim to PVC	Total Depth of Well Rim/PVC	Depth to Product Rim/PVC	Depth to Water (Rim/PVC)	Standing Water Column (feet)	Middle of Saturated Zone (feet)	Depth to Sample Tube (feet)	Well Diameter (Inches)	Pump Peristaltic or Bladder
3.5'	0.5'	24.7	NE	15.74			20'	2	Peristaltic
Turbidity at collection (NTU):			(Less than 5 NTU is desirable)		Duplicate Collected? N			Filtered Sample	N
Stabilization Parameters		+/- 0.5 deg C.	+/- 0.1 Unit	+/- 10 umhos/cm or within 3% if >300umho	1 ppm	+/- 10 mV	No Limit	<.3 feet drawdown desirable	No Limit

Volume Purged (gallons)	Time (actual Time) 5 minute Intervals	TEMP. (Deg. C)	pH	Specific Conductivity uS/cm	Dissolved Oxygen (mg/L)	ORP mV millivolts	Turbidity NTUs	DTW (feet)	Odors Y/N
	1105	16.89	6.95	0.724	1.41	207	123	15.74	N
	1110	16.76	6.92	0.724	1.09	210	40.6	15.75	N
	1115	16.78	6.91	7.23	1.06	212	30.6	15.79	N
	1120	16.82	6.89	0.722	1.05	213	27.7	15.79	N
	1125	16.80	6.90	0.72	1.07	214	27.1	15.78	N
	1130	16.79	6.90	0.72	1.07	214	25.2	15.78	N
	1135	16.78	6.85	0.719	1.06	214	24.4	15.78	N
	1140	16.84	6.83	0.719	1.05	214	24.4	15.78	N
	1145	16.81	6.81	0.718	1.05	214	22.9	15.79	N

Well Condition Summary

Cover: Y	Bolts: Y		Concrete Pad OK: Y	Gripper: Y	

Sample Collection Information

Sample Time:	1145	Appearance: Clear	Filtered Sample Turbidity:	OTHER:

Desired purge flow rate <100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submittal. Minimum 20 minute purge to establish stabilization.

Notes/ Calculations:

Volume? Linear Ft of well casing; 1"=0.041 gal. 2"= 0.163 gal. 4"=0.653 gal.

ABSORBENT SOCK

Sock Length (ft) =		Capacity (Qt.) =		Present:	Y / N	Product Measured (Inches) :	
Sock Installation Date:			Sock Changed :		Y / N		
Sock Depth (Depth to sock mid point):							

LOW-FLOW GROUNDWATER SAMPLING LOG

Location:	Liberty, NY			Job Number:	9313	WELL I.D. : MW-216			
Personnel:	MZ			Date:	9/8/2021				
				PID:	0.1				
Stickup? Y Distance ground to Stickup Rim/PVC	Distance From Rim to PVC	Total Depth of Well Rim/PVC	Depth to Product Rim/PVC	Depth to Water (Rim/PVC)	Standing Water Column (feet)	Middle of Saturated Zone (feet)	Depth to Sample Tube (feet)	Well Diameter (Inches)	Pump Peristaltic or Bladder
3.5		20.55	NE	8.10			14	2	Peristaltic
Turbidity at collection (NTU):			(Less than 5 NTU is desirable)		Duplicate Collected? N			Filtered Sample	N
Stabilization Parameters		+/- 0.5 deg C.	+/- 0.1 Unit	+/- 10 umhos/cm or within 3% if >300umho	1 ppm	+/- 10 mV	No Limit	<.3 feet drawdown desirable	No Limit

Volume Purged (gallons)	Time (actual Time) 5 minute Intervals	TEMP. (Deg. C)	pH	Specific Conductivity uS/cm	Dissolved Oxygen (mg/L)	ORP mV millivolts	Turbidity NTUs	DTW (feet)	Odors Y/N
	1120	19.29	5.79	0.191	0.14	-18	55.3	8.10	N
	1125	19.52	5.64	0.184	0	-26	44.4	8.14	N
	1130	19.71	5.64	0.191	0	-24	78.1	8.14	N
	1135	18.26	5.61	0.194	0	-31	56.9	8.5	N
	1140	18.00	5.61	0.194	0	-38	42.6	8.60	N
	1145	17.75	5.67	0.204	0	-41	31.2	8.63	N
	1150	17.55	5.76	0.204	0	-34	25.9	8.65	N

Well Condition Summary

Cover: Y	Bolts: Y		Concrete Pad OK: Y	Gripper: Y	

Sample Collection Information

Sample Time:	1150	Appearance: Clear	Filtered Sample Turbidity:	OTHER:

Desired purge flow rate <100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submittal. Minimum 20 minute purge to establish stabilization.

Notes/ Calculations:

Volume? Linear Ft of well casing; 1"=0.041 gal. 2"= 0.163 gal. 4"=0.653 gal.

ABSORBENT SOCK

Sock Length (ft) =		Capacity (Qt.) =		Present:	Y / N	Product Measured (Inches) :	
Sock Installation Date:			Sock Changed :		Y / N		
Sock Depth (Depth to sock mid point):							

LOW-FLOW GROUNDWATER SAMPLING LOG

Location:	Liberty, NY			Job Number:	9313	WELL I.D. : MW-217			
Personnel:	MZ			Date:	9/8/2021				
				PID:	0.1				
Stickup? Y Distance ground to Stickup Rim/PVC	Distance From Rim to PVC	Total Depth of Well Rim/PVC	Depth to Product Rim/PVC	Depth to Water (Rim/PVC)	Standing Water Column (feet)	Middle of Saturated Zone (feet)	Depth to Sample Tube (feet)	Well Diameter (Inches)	Pump Peristaltic or Bladder
3.5		19.9	NE	10.41			15'	2	Peristaltic
Turbidity at collection (NTU):			(Less than 5 NTU is desirable)		Duplicate Collected? N			Filtered Sample	N
Stabilization Parameters		+/- 0.5 deg C.	+/- 0.1 Unit	+/- 10 umhos/cm or within 3% if >300umho	1 ppm	+/- 10 mV	No Limit	<.3 feet drawdown desirable	No Limit

Volume Purged (gallons)	Time (actual Time) 5 minute Intervals	TEMP. (Deg. C)	pH	Specific Conductivity uS/cm	Dissolved Oxygen (mg/L)	ORP mV millivolts	Turbidity NTUs	DTW (feet)	Odors Y/N
	1000	20.97	8.68	0.518	4.39	121	75.5	10.41	N
	1005	20.61	8.26	0.517	4.26	129	85.0	10.45	N
	1010	19.74	7.56	0.511	3.53	148	72.3	10.49	N
	1015	18.85	7.26	0.512	3.62	156	33.8	10.48	N
	1020	18.54	7.03	0.512	3.68	162	32.4	10.48	N
	1025	18.24	6.83	0.492	3.55	168	28.4	10.49	N
	1030	17.91	6.61	0.458	3.23	178	16.4	10.50	N
	1035	17.85	6.27	0.432	3.07	185	10.9	10.50	N
	1040	17.87	6.10	0.416	2.92	190	7.0	10.49	N
	1045	17.47	6.01	0.403	2.88	194	4.8	10.50	N

Well Condition Summary

Cover: Y	Bolts: Y		Concrete Pad OK: Y	Gripper: Y

Sample Collection Information

Sample Time:	1045	Appearance: Clear	Filtered Sample Turbidity:	OTHER:

Desired purge flow rate <100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submittal. Minimum 20 minute purge to establish stabilization.

Notes/ Calculations:

Volume? Linear Ft of well casing; 1"=0.041 gal. 2"= 0.163 gal. 4"=0.653 gal.

ABSORBENT SOCK

Sock Length (ft) =		Capacity (Qt.) =		Present:	Y / N	Product Measured (Inches) :	
Sock Installation Date:			Sock Changed :		Y / N		
Sock Depth (Depth to sock mid point):							

LOW-FLOW GROUNDWATER SAMPLING LOG

Location:	Liberty, NY			Job Number:	9313	WELL I.D. : MW-201			
Personnel:	MEM			Date:	11/19/2021				
				PID:	0				
Stickup? Y Distance ground to Stickup Rim/PVC	Distance From Rim to PVC	Total Depth of Well Rim/PVC	Depth to Product Rim/PVC	Depth to Water (Rim/PVC)	Standing Water Column (feet)	Middle of Saturated Zone (feet)	Depth to Sample Tube (feet)	Well Diameter (Inches)	Pump Peristaltic or Bladder
6.5"		18.95	NE	10.5	8.45	14.725	15	2	Peristaltic
Turbidity at collection (NTU):		3.7	(Less than 5 NTU is desirable)		Duplicate Collected? N			Filtered Sample	N
Stabilization Parameters		+/- 0.5 deg C.	+/- 0.1 Unit	+/- 10 umhos/cm or within 3% if >300umho	1 ppm	+/- 10 mV	No Limit	<.3 feet drawdown desirable	No Limit

Volume Purged (gallons)	Time (actual Time) 5 minute Intervals	TEMP. (Deg. C)	pH	Specific Conductivity uS/cm	Dissolved Oxygen (mg/L)	ORP mV millivolts	Turbidity NTUs	DTW (feet)	Odors Y/N
	1050	10.86	5.07	0.058	3.63	208	147	10.55	N
	1055	10.91	4.86	0.057	3.44	239	12.5	10.55	N
	1100	11.04	4.41	0.053	3.36	286	6	10.55	N
	1105	11.1	4.38	0.054	3.32	267	4.5	10.55	N
	1110	11.04	4.37	0.054	3.31	271	3.7	10.55	N

Well Condition Summary

Cover: Y	Bolts: Y		Concrete Pad OK: Y	Gripper: Y

Sample Collection Information

Sample Time:	1110	Appearance: Clear	Filtered Sample Turbidity:	OTHER:

Desired purge flow rate <100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submittal. Minimum 20 minute purge to establish stabilization.

Notes/ Calculations:

Volume? Linear Ft of well casing; 1"=0.041 gal. 2"= 0.163 gal. 4"=0.653 gal.

ABSORBENT SOCK

Sock Length (ft) =		Capacity (Qt.) =		Present:	Y / N	Product Measured (Inches) :	
Sock Installation Date:			Sock Changed :		Y / N		
Sock Depth (Depth to sock mid point):							

LOW-FLOW GROUNDWATER SAMPLING LOG

Location:	Liberty, NY			Job Number:	9313	WELL I.D. : MW-203			
Personnel:	MEM			Date:	11/22/2021				
				PID:	0				

Stickup? Y Distance ground to Stickup Rim/PVC	Distance From Rim to PVC	Total Depth of Well Rim/PVC	Depth to Product Rim/PVC	Depth to Water (Rim/PVC)	Standing Water Column (feet)	Middle of Saturated Zone (feet)	Depth to Sample Tube (feet)	Well Diameter (Inches)	Pump Peristaltic or Bladder
2.6'		25.3	NE	4.72	20.58	15.01	15.5	2	Peristaltic

Turbidity at collection (NTU):	4.2	(Less than 5 NTU is desirable)	Duplicate Collected? N		Filtered Sample	N
Stabilization Parameters	+/- 0.5 deg C.	+/- 0.1 Unit	+/- 10 umhos/cm or within 3% if >300umho	1 ppm	+/- 10 mV	No Limit	<.3 feet drawdown desirable	No Limit

Volume Purged (gallons)	Time (actual Time) 5 minute Intervals	TEMP. (Deg. C)	pH	Specific Conductivity uS/cm	Dissolved Oxygen (mg/L)	ORP mV millivolts	Turbidity NTUs	DTW (feet)	Odors Y/N
	1015	9.89	6.09	0.198	0	41	10.8		N
	1020	9.2	6.09	0.199	0	35	7.6		N
	1025	9.2	6.11	0.2	0	33	3.6		N
	1030	9.15	6.11	0.2	0	31	4.2		N

Well Condition Summary

Cover: Y	Bolts: Y		Concrete Pad OK: Y	Gripper: Y	

Sample Collection Information

Sample Time:	1020	Appearance: Clear	Filtered Sample Turbidity:	OTHER:

Desired purge flow rate <100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submittal. Minimum 20 minute purge to establish stabilization.

Notes/ Calculations:

Volume? Linear Ft of well casing; 1"=0.041 gal. 2"= 0.163 gal. 4"=0.653 gal.

ABSORBENT SOCK

Sock Length (ft) =		Capacity (Qt.) =		Present:	Y / N	Product Measured (Inches) :	
Sock Installation Date:			Sock Changed :		Y / N		
Sock Depth (Depth to sock mid point):							

LOW-FLOW GROUNDWATER SAMPLING LOG

Location:	Liberty, NY			Job Number:	9313	WELL I.D. : MW-204			
Personnel:	MEM			Date:	11/22/2021				
				PID:	0				

Stickup? Y Distance ground to Stickup Rim/PVC	Distance From Rim to PVC	Total Depth of Well Rim/PVC	Depth to Product Rim/PVC	Depth to Water (Rim/PVC)	Standing Water Column (feet)	Middle of Saturated Zone (feet)	Depth to Sample Tube (feet)	Well Diameter (Inches)	Pump Peristaltic or Bladder
5.1'		14.5	NE	5.87	8.63	10.185	10.5	2	Peristaltic

Turbidity at collection (NTU):		6.5	(Less than 5 NTU is desirable)		Duplicate Collected? N			Filtered Sample	N
Stabilization Parameters		+/- 0.5 deg C.	+/- 0.1 Unit	+/- 10 umhos/cm or within 3% if >300umho	1 ppm	+/- 10 mV	No Limit	<.3 feet drawdown desirable	No Limit

Volume Purged (gallons)	Time (actual Time) 5 minute Intervals	TEMP. (Deg. C)	pH	Specific Conductivity uS/cm	Dissolved Oxygen (mg/L)	ORP mV millivolts	Turbidity NTUs	DTW (feet)	Odors Y/N
	1045	7.51	6.31	0.243	5.13	75	494	11	N
	1050	7.5	6.48	0.243	4.38	99	9.5	11	N
	1055	7.5	6.5	0.243	4.36	101	6.3	11	N
	1100	7.5	6.5	0.243	4.37	102	6.5	11	N

Well Condition Summary

Cover: Y	Bolts: Y		Concrete Pad OK: Y	Gripper: Y	

Sample Collection Information

Sample Time:	1100	Appearance: Clear	Filtered Sample Turbidity:	OTHER:

Desired purge flow rate <100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submittal. Minimum 20 minute purge to establish stabilization.

Notes/ Calculations:

Volume? Linear Ft of well casing; 1"=0.041 gal. 2"= 0.163 gal. 4"=0.653 gal.

ABSORBENT SOCK

Sock Length (ft) =		Capacity (Qt.) =		Present:	Y / N	Product Measured (Inches) :	
Sock Installation Date:			Sock Changed :		Y / N		
Sock Depth (Depth to sock mid point):							

LOW-FLOW GROUNDWATER SAMPLING LOG

Location:	Liberty, NY			Job Number:	9313	WELL I.D. : MW-205			
Personnel:	MEM			Date:	11/19/2021				
				PID:	0				
Stickup? Y Distance ground to Stickup Rim/PVC	Distance From Rim to PVC	Total Depth of Well Rim/PVC	Depth to Product Rim/PVC	Depth to Water (Rim/PVC)	Standing Water Column (feet)	Middle of Saturated Zone (feet)	Depth to Sample Tube (feet)	Well Diameter (Inches)	Pump Peristaltic or Bladder
3.2'		12.25	NE	4.18	8.07	10.16	11	2	Peristaltic
Turbidity at collection (NTU):		0	(Less than 5 NTU is desirable)		Duplicate Collected? N			Filtered Sample	N
Stabilization Parameters		+/- 0.5 deg C.	+/- 0.1 Unit	+/- 10 umhos/cm or within 3% if >300umho	1 ppm	+/- 10 mV	No Limit	<.3 feet drawdown desirable	No Limit

Volume Purged (gallons)	Time (actual Time) 5 minute Intervals	TEMP. (Deg. C)	pH	Specific Conductivity uS/cm	Dissolved Oxygen (mg/L)	ORP mV millivolts	Turbidity NTUs	DTW (feet)	Odors Y/N
	1135	10.48	5.1	0.131	3.04	177	>1000	4.5	N
	1140	9.99	4.98	0.1	2.73	182	505	4.5	N
	1145	9.75	4.91	0.073	1.98	196	239	4.5	N
	1150	9.64	4.88	0.071	2.17	216	54.6	4.5	N
	1155	9.51	4.89	0.07	2.3	229	25.2	4.5	N
	1200	9.45	4.9	0.07	2.3	231	18.5	4.5	N
	1205	9.51	4.9	0.07	2.19	237	6.3	4.5	N
	1210	9.5	4.9	0.07	2.18	237	3.2	4.5	N
3	1215	9.51	4.89	0.07	2.18	237	3.3	4.5	N

Well Condition Summary

Cover: Y	Bolts: Y		Concrete Pad OK: Y	Gripper: Y	

Sample Collection Information

Sample Time:	1215	Appearance: Clear	Filtered Sample Turbidity:	OTHER:

Desired purge flow rate <100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submittal. Minimum 20 minute purge to establish stabilization.

Notes/ Calculations:

Volume? Linear Ft of well casing; 1"=0.041 gal. 2"= 0.163 gal. 4"=0.653 gal.

ABSORBENT SOCK

Sock Length (ft) =		Capacity (Qt.) =		Present:	Y / N	Product Measured (Inches) :	
Sock Installation Date:			Sock Changed :		Y / N		
Sock Depth (Depth to sock mid point):							

VOLUME AVERAGING PURGING GROUNDWATER SAMPLING LOG

Location:	**Grossingers**			**Job Number:**	**9313**	**WELL I.D. : MW-209**			
Personnel:	**MEM**			**Date:**	**11/22/2021**	SESI CONSULTING ENGINEERS			
				PID:	**0**				
Stickup? Y/N **Distance ground to Stickup Rim/PVC**	**Distance From Rim to PVC**	**Total Depth of Well Rim/PVC**	**Depth to Product Rim/PVC**	**Depth to Water (Rim/PVC)**	**Standing Water Column (feet)**	**Middle of Saturated Zone (feet)**	**Depth to Sample Tube (feet)**	**TOV @ Well Head (ppmv)**	**Pump Peristaltic or Bladder**
		17.1		8.1	9	12.6	13		
Turbidity at collection (NTU):			(Less than 5 NTU is desirable)		**Duplicate Collected? Y/N**			**Filtered Sample Y/N**	
Stabilization Parameters		**+/- 0.5 deg C.**	**+/- 0.1 Unit**	**+/- 10 umhos/cm or within 3% if >300umho**	**1 ppm**	**+/- 10 mV**	**No Limit**	**<.3 feet drawdown desirable**	**No Limit**
Volume Purged (gallons)	**Time (actual Time) 5 minute Intervals**	**TEMP. (Deg. C)**	**pH**	**Specific Conductivity uS/cm**	**Dissolved Oxygen (mg/L)**	**ORP mV millivolts**	**Turbidity NTUs**	**DTW (feet)**	**Odors Y/N**
DRAWDOWN TOO QUICK, POOR RECOVERY, SWITCH TO VOLUME AVERAGE PURGE									
Well Condition Summary									
Cover: Y / N		**Bolts: Y / N**		**Concrete Pad OK: Y / N**		**Gripper: Y / N**			
Sample Collection Information									
Sample Time:		**Appearance:**		**Filtered Sample Turbidity:**			**OTHER:**		

Desired purge flow rate <100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submittal. Minimum 20 minute purge to establish stabilization.

Notes/ Calculations:

Volume? Linear Ft of well casing; 1"=0.041 gal. 2"= 0.163 gal. 4"=0.653 gal.

ABSORBENT SOCK							
Sock Length (ft) =		**Capacity (Qt.) =**		**Present:**	**Y / N**	**Product Measured (Inches) :**	
Sock Installation Date:			**Sock Changed :**		**Y / N**		
Sock Depth (Depth to sock mid point):							

LOW-FLOW GROUNDWATER SAMPLING LOG

Location:	Liberty, NY			Job Number:	9313	WELL I.D. : MW-210			
Personnel:	MEM			Date:	11/19/2021				
				PID:	0				

Stickup? Y Distance ground to Stickup Rim/PVC	Distance From Rim to PVC	Total Depth of Well Rim/PVC	Depth to Product Rim/PVC	Depth to Water (Rim/PVC)	Standing Water Column (feet)	Middle of Saturated Zone (feet)	Depth to Sample Tube (feet)	Well Diameter (Inches)	Pump Peristaltic or Bladder
4.5		18.32	NE	11	7.05	14.78	15	2	Peristaltic

Turbidity at collection (NTU):	8	(Less than 5 NTU is desirable)		Duplicate Collected? Y			Filtered Sample	N
Stabilization Parameters	+/- 0.5 deg C.	+/- 0.1 Unit	+/- 10 umhos/cm or within 3% if >300umho	1 ppm	+/- 10 mV	No Limit	<.3 feet drawdown desirable	No Limit

Volume Purged (gallons)	Time (actual Time) 5 minute Intervals	TEMP. (Deg. C)	pH	Specific Conductivity uS/cm	Dissolved Oxygen (mg/L)	ORP mV millivolts	Turbidity NTUs	DTW (feet)	Odors Y/N
	940	11.8	6.3	0.199	4.59	25	139	11.15	N
	945	11.59	6.42	0.182	4.3	75	120	11.2	N
	950	11.53	6.54	0.148	3.98	185	59.5	11.5	N
	955	11.3	6.45	0.146	3.9	177	42.2	11.5	N
	1000	11.13	6.4	0.137	5.77	181	36.6	11.5	N
	1005	11.05	6.88	0.13	5.7	190	23.8	11.5	N
	1010	10.97	5.6	0.125	5.46	200	19.1	11.5	N
	1015	11.32	5.2	0.121	5.19	212	9.9	11.5	N
	1020	11.4	5.15	0.12	5.18	210	7.5	11.5	N
3	1025	11.41	5.15	0.117	5.14	214	8	11.5	N

Well Condition Summary

Cover: Y	Bolts: Y		Concrete Pad OK: Y	Gripper: Y	

Sample Collection Information

Sample Time:	1025	Appearance: Clear	Filtered Sample Turbidity:	OTHER:

Desired purge flow rate <100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submittal. Minimum 20 minute purge to establish stabilization.

Notes/ Calculations:

Volume? Linear Ft of well casing; 1"=0.041 gal. 2"= 0.163 gal. 4"=0.653 gal.

ABSORBENT SOCK

Sock Length (ft) =		Capacity (Qt.) =		Present:	Y / N	Product Measured (Inches) :	
Sock Installation Date:			Sock Changed :		Y / N		
Sock Depth (Depth to sock mid point):							

LOW-FLOW GROUNDWATER SAMPLING LOG

Location:	Grossingers			**Job Number:**	9313	**WELL I.D. :**	MW-203 DUP		
Personnel:	MZ			**Date:**	7/11/2022	SESI CONSULTING ENGINEERS			
				PID:	0.0				

Stickup? Y/N Distance ground to Stickup Rim/PVC	Distance From Rim to PVC	Total Depth of Well Rim/PVC	Depth to Product Rim/PVC	Depth to Water (Rim/PVC)	Standing Water Column (feet)	Middle of Saturated Zone (feet)	Depth to Sample Tube (feet)	TOV @ Well Head (ppmv)	Pump Peristaltic or Bladder
		25-27		5.41	28.3 ft	20 ft	15 ft		

Turbidity at collection (NTU):	6.7	(Less than 5 NTU is desirable)	Duplicate Collected? (Y)/N	Filtered Sample Y/N

Stabilization Parameters	+/- 0.5 deg C.	+/- 0.1 Unit	+/- 10 umhos/cm or within 3% if >300umho	1 ppm	+/- 10 mV	No Limit	<.3 feet drawdown desirable	No Limit

Volume Purged (gallons)	Time (actual Time) 5 minute Intervals	TEMP. (Deg. C)	pH	Specific Conductivity uS/cm	Dissolved Oxygen (mg/L)	ORP mV millivolts	Turbidity NTUs	DTW (feet)	Odors Y/N
	10:15	17.26	6.42	0.24	1.09	36	32.1		
	10:20	18.42	6.50	0.245	0.66	20	14		
	10:25	20.01	6.51	0.237	0.25	0	4.5		
	10:30	20.21	6.53	0.231	0	0	7.7		
	10:35	20.98	6.53	0.227	0	0	9.5		
	10:40	21.01	6.53	0.227	0	0	9.70		
	10:45	20.73	6.53	0.227	0	0	6.70		

Well Condition Summary

Cover: Y / (N)	Bolts: Y / (N)		Concrete Pad OK: Y / (N)	Gripper: (Y) / N	

Sample Collection Information

Sample Time:	10:45	Appearance: Clear	Filtered Sample Turbidity:	OTHER:

Desired purge flow rate <100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submittal. Minimum 20 minute purge to establish stabilization.

Notes/ Calculations:

Volume? Linear Ft of well casing; 1"=0.041 gal. 2"= 0.163 gal. 4"=0.653 gal.

ABSORBENT SOCK

Sock Length (ft) =		Capacity (Qt.) =		Present:	Y / N	Product Measured (Inches) :	
Sock Installation Date:			Sock Changed :		Y / N		
Sock Depth (Depth to sock mid point):							

LOW-FLOW GROUNDWATER SAMPLING LOG

Location:	Grossingers			Job Number:	9313	WELL I.D. : MW-204			
Personnel:	MZ			Date:	7/11/2022				
				PID:	0.0	SESI CONSULTING ENGINEERS			
Stickup? Y/N Distance ground to Stickup Rim/PVC	Distance From Rim to PVC	Total Depth of Well Rim/PVC	Depth to Product Rim/PVC	Depth to Water (Rim/PVC)	Standing Water Column (feet)	Middle of Saturated Zone (feet)	Depth to Sample Tube (feet)	TOV @ Well Head (ppmv)	Pump Peristaltic or Bladder
Turbidity at collection (NTU):		5.5	(Less than 5 NTU is desirable)		Duplicate Collected? Y/(N)			Filtered Sample Y/N	
Stabilization Parameters		+/- 0.5 deg C.	+/- 0.1 Unit	+/- 10 umhos/cm or within 3% if >300umho	1 ppm	+/- 10 mV	No Limit	<.3 feet drawdown desirable	No Limit
Volume Purged (gallons)	Time (actual Time) 5 minute Intervals	TEMP. (Deg. C)	pH	Specific Conductivity uS/cm	Dissolved Oxygen (mg/L)	ORP mV millivolts	Turbidity NTUs	DTW (feet)	Odors Y/N
	12:30	23.48	6.98	0.258	0	-2	46.5		
	12:35	23.60	6.98	0.255	0	-5	15.2		
	12:40	23.87	6.99	0.254	0	-5	7.5		
	12:45	23.99	6.98	0.248	0	-5	6.8		
	12:50	23.95	6.98	0.247	0	-5	5.5		
Well Condition Summary									
Cover: Y / N		Bolts: Y / N		Concrete Pad OK: Y / N		Gripper: Y / N			
Sample Collection Information									
Sample Time:	12:50	Appearance: Clear		Filtered Sample Turbidity:		OTHER:			

Desired purge flow rate <100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submittal. Minimum 20 minute purge to establish stabilization.

Notes/ Calculations:

Volume? Linear Ft of well casing; 1"=0.041 gal. 2"= 0.163 gal. 4"=0.653 gal.

ABSORBENT SOCK							
Sock Length (ft) =		Capacity (Qt.) =		Present:	Y / N	Product Measured (Inches) :	
Sock Installation Date:			Sock Changed :		Y / N		
Sock Depth (Depth to sock mid point):							

LOW-FLOW GROUNDWATER SAMPLING LOG

Location:	Grossingers			Job Number:	9313	WELL I.D. : MW-206			
Personnel:	MZ			Date:	7/11/2022				
				PID:	0.0				
Stickup? Y/N Distance ground to Stickup Rim/PVC	Distance From Rim to PVC	Total Depth of Well Rim/PVC	Depth to Product Rim/PVC	Depth to Water (Rim/PVC)	Standing Water Column (feet)	Middle of Saturated Zone (feet)	Depth to Sample Tube (feet)	TOV @ Well Head (ppmv)	Pump Peristaltic or Bladder
Turbidity at collection (NTU):		98.9	(Less than 5 NTU is desirable)		Duplicate Collected? Y/N			Filtered Sample Y/N	
Stabilization Parameters		+/- 0.5 deg C.	+/- 0.1 Unit	+/- 10 umhos/cm or within 3% if >300umho	1 ppm	+/- 10 mV	No Limit	<.3 feet drawdown desirable	No Limit

Volume Purged (gallons)	Time (actual Time) 5 minute Intervals	TEMP. (Deg. C)	pH	Specific Conductivity uS/cm	Dissolved Oxygen (mg/L)	ORP mV millivolts	Turbidity NTUs	DTW (feet)	Odors Y/N
	11:00	16.65	6.65	0.311	0	66	>1000		
	11:05	16.93	5.63	0.302	0	65	>1000		
	11:10		5.63	0.301	0	66	>1000		
	11:15	16.07	5.63	0.300	0	66	>1000		
	11:20	16.00	5.63	0.304	0	67	535		
	11:25	15.92	5.63	0.308	0	68	403		
	11:30	15.99	6.64	0.310	0	68	239		
	11:35	15.98	6.63	0.310	0	68	190		
	11:40	15.98	6.62	0.310	0	68	195		
	11:45	15.98	6.61	0.310	0	68	153		
	11:50	15.98	6.61	0.312	0	68	105		
	11:55	15.93	6.35	0.309	0	68	99.7		
	12:00	15.92	6.35	0.308	0	68	98.3		
	12:05	15.95	6.35	0.308	0	68	99.9		
	12:10	15.91	6.35	0.308	0	68	95.3		
	12:15	15.89	6.35	0.308	0	68	97.6		
	12:20	15.89	6.35	0.308	0	68	98.9		

Well Condition Summary

Cover: Y / N	Bolts: Y / N		Concrete Pad OK: Y / N	Gripper: Y / N

Sample Collection Information

Sample Time:		Appearance: Clear	Filtered Sample Turbidity:	OTHER:

Desired purge flow rate <100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submittal. Minimum 20 minute purge to establish stabilization.

Notes/ Calculations:

Volume? Linear Ft of well casing; 1"=0.041 gal. 2"= 0.163 gal. 4"=0.653 gal.

ABSORBENT SOCK

Sock Length (ft) =		Capacity (Qt.) =		Present:	Y / N	Product Measured (Inches) :	
Sock Installation Date:			Sock Changed :		Y / N		
Sock Depth (Depth to sock mid point):							

LOW-FLOW GROUNDWATER SAMPLING LOG

Location:	Grossingers			Job Number:	9313	WELL I.D. : MW-207			
Personnel:	MZ			Date:	7/11/2022	SESI CONSULTING ENGINEERS			
				PID:	0.0				
Stickup? Y/N Distance ground to Stickup Rim/PVC	Distance From Rim to PVC	Total Depth of Well Rim/PVC	Depth to Product Rim/PVC	Depth to Water (Rim/PVC)	Standing Water Column (feet)	Middle of Saturated Zone (feet)	Depth to Sample Tube (feet)	TOV @ Well Head (ppmv)	Pump Peristaltic or Bladder
Turbidity at collection (NTU):			(Less than 5 NTU is desirable)		Duplicate Collected? Y/N			Filtered Sample Y/N	
Stabilization Parameters		+/- 0.5 deg C.	+/- 0.1 Unit	+/- 10 umhos/cm or within 3% if >300umho	1 ppm	+/- 10 mV	No Limit	<.3 feet drawdown desirable	No Limit

Volume Purged (gallons)	Time (actual Time) 5 minute Intervals	TEMP. (Deg. C)	pH	Specific Conductivity uS/cm	Dissolved Oxygen (mg/L)	ORP mV millivolts	Turbidity NTUs	DTW (feet)	Odors Y/N
		21.31	6.54	0.236	0	86	32.3		
		20.87	6.52	0.242	0	88	26.8		
		19.91	6.51	0.250	0	88	12.8		
		18.78	6.49	0.257	0	88	6.8		
		18.50	6.48	0.266	0	88	5.6		
		18.45	6.45	0.261	0	88	4.50		

Well Condition Summary

Cover: Y / N	Bolts: Y / N		Concrete Pad OK: Y / N	Gripper: Y / N	

Sample Collection Information

Sample Time:		Appearance: Clear	Filtered Sample Turbidity:	OTHER:

Desired purge flow rate <100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submittal. Minimum 20 minute purge to establish stabilization.

Notes/ Calculations:

Volume? Linear Ft of well casing; 1"=0.041 gal. 2"= 0.163 gal. 4"=0.653 gal.

ABSORBENT SOCK

Sock Length (ft) =		Capacity (Qt.) =		Present:	Y / N	Product Measured (Inches) :	
Sock Installation Date:			Sock Changed :		Y / N		
Sock Depth (Depth to sock mid point):							

LOW-FLOW GROUNDWATER SAMPLING LOG

Location:	Grossingers rd.			Job Number:	9313B	WELL I.D. : MW-213			
Personnel:	BS			Date:	7/12/2022				
				PID:	0				
Stickup? Y Distance ground to Stickup Rim/PVC	Distance From Rim to PVC	Total Depth of Well Rim/PVC	Depth to Product Rim/PVC	Depth to Water (Rim/PVC)	Standing Water Column (feet)	Middle of Saturated Zone (feet)	Depth to Sample Tube (feet)	TOV @ Well Head (ppmv)	Pump Peristaltic or Bladder
3.5'	0.3'	21.04	NE	15.37	5.67	18.205	18		Peristaltic
Turbidity at collection (NTU):		53	(Less than 5 NTU is desirable)		Duplicate Collected? N			Filtered Sample	N
Stabilization Parameters		+/- 0.5 deg C.	+/- 0.1 Unit	+/- 10 umhos/cm or within 3% if >300umho	1 ppm	+/- 10 mV	No Limit	<.3 feet drawdown desirable	No Limit

Volume Purged (gallons)	Time (actual Time) 5 minute Intervals	TEMP. (Deg. C)	pH	Specific Conductivity uS/cm	Dissolved Oxygen (mg/L)	ORP mV millivolts	Turbidity NTUs	DTW (feet)	Odors Y/N
	910	24.37	7.28	627	2.66	154	610	15.37	N
	915	15.56	6.41	748	0	181	800	14.98	N
	920	15.98	6.31	752	0	183	594	15.91	N
	925	15.81	6.28	754	0	186	381	15.85	N
	930	15.61	6.23	756	0	193	302	15.82	N
	935	16.49	6.2	755	0	198	196	15.83	N
	940	15.9	6.32	749	0	197	145	15.83	N
	945	16.99	6.25	723	0	103	79	15.83	N
	950	17.44	6.24	716	0	206	72.2	15.85	N
	955	17.49	6.25	717	0	207	53	15.83	N

Well Condition Summary

Cover: y	Bolts: N		Concrete Pad OK: Y	Gripper: Y	

Sample Collection Information

Sample Time:	9:55	Appearance: Clear	Filtered Sample Turbidity:	OTHER:

Desired purge flow rate <100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submittal. Minimum 20 minute purge to establish stabilization.

Notes/ Calculations:

Volume? Linear Ft of well casing; 1"=0.041 gal. 2"= 0.163 gal. 4"=0.653 gal.

ABSORBENT SOCK

Sock Length (ft) =		Capacity (Qt.) =		Present:	Y / N	Product Measured (Inches) :	
Sock Installation Date:			Sock Changed :		Y / N		
Sock Depth (Depth to sock mid point):							

LOW-FLOW GROUNDWATER SAMPLING LOG

Location:	Grossingers rd.			Job Number:	9313B	WELL I.D. : MW-214			
Personnel:	BS			Date:	7/12/2022				
				PID:	0				
Stickup? Y Distance ground to Stickup Rim/PVC	Distance From Rim to PVC	Total Depth of Well Rim/PVC	Depth to Product Rim/PVC	Depth to Water (Rim/PVC)	Standing Water Column (feet)	Middle of Saturated Zone (feet)	Depth to Sample Tube (feet)	TOV @ Well Head (ppmv)	Pump Peristaltic or Bladder
3.5'	0.5'	25.08	NE	17.09	7.99	21.085	21		Peristaltic
Turbidity at collection (NTU):		77.9	(Less than 5 NTU is desirable)		Duplicate Collected? N			Filtered Sample	N
Stabilization Parameters		+/- 0.5 deg C.	+/- 0.1 Unit	+/- 10 umhos/cm or within 3% if >300umho	1 ppm	+/- 10 mV	No Limit	<.3 feet drawdown desirable	No Limit

Volume Purged (gallons)	Time (actual Time) 5 minute Intervals	TEMP. (Deg. C)	pH	Specific Conductivity uS/cm	Dissolved Oxygen (mg/L)	ORP mV millivolts	Turbidity NTUs	DTW (feet)	Odors Y/N
	1045	17.27	6.65	780	0.04	217	222	17.08	N
	1050	14.23	6.3	807	0	227	282	17.98	N
	1055	14.75	6.24	809	0	234	205	17.49	N
	1100	14.88	6.28	812	0	236	150	18.02	N
	1105	14.58	6.28	816	0	233	145	18.04	N
	1110	15.78	6.29	812	0	234	132	17.98	N
	1115	15.15	6.31	809	0	235	118	18.05	N
	1120	14.5	6.28	815	0	235	96.7	18.09	N
	1125	14.65	6.27	815	0	236	78.7	18.01	N
2.25	1130	14.6	6.28	818	0	237	77.9	18.1	N

Well Condition Summary

Cover: y	Bolts: N		Concrete Pad OK: N/A	Gripper: Y	

Sample Collection Information

Sample Time:	11:30	Appearance: Clear	Filtered Sample Turbidity:	OTHER:

Desired purge flow rate <100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submittal. Minimum 20 minute purge to establish stabilization.

Notes/ Calculations:

Volume? Linear Ft of well casing; 1"=0.041 gal. 2"= 0.163 gal. 4"=0.653 gal.

ABSORBENT SOCK

Sock Length (ft) =		Capacity (Qt.) =		Present:	Y / N	Product Measured (Inches) :	
Sock Installation Date:			Sock Changed :		Y / N		
Sock Depth (Depth to sock mid point):							

LOW-FLOW GROUNDWATER SAMPLING LOG

Location:	Grossingers rd.			Job Number:	9313B	WELL I.D. : MW-216			
Personnel:	BS			Date:	7/11/2022	SESI CONSULTING ENGINEERS			
				PID:	0				
Stickup? Y Distance ground to Stickup Rim/PVC	Distance From Rim to PVC	Total Depth of Well Rim/PVC	Depth to Product Rim/PVC	Depth to Water (Rim/PVC)	Standing Water Column (feet)	Middle of Saturated Zone (feet)	Depth to Sample Tube (feet)	TOV @ Well Head (ppmv)	Pump Peristaltic or Bladder
3.5		20.73	NE	8.44	12.29	14.585	15		Peristaltic
Turbidity at collection (NTU):		16.45	(Less than 5 NTU is desirable)		Duplicate Collected? N			Filtered Sample	N
Stabilization Parameters		+/- 0.5 deg C.	+/- 0.1 Unit	+/- 10 umhos/cm or within 3% if >300umho	1 ppm	+/- 10 mV	No Limit	<.3 feet drawdown desirable	No Limit

Volume Purged (gallons)	Time (actual Time) 5 minute Intervals	TEMP. (Deg. C)	pH	Specific Conductivity uS/cm	Dissolved Oxygen (mg/L)	ORP mV millivolts	Turbidity NTUs	DTW (feet)	Odors Y/N
	1225	27.12	6.04	160	1.57	45	86.4	8.44	N
	1230	26.04	5.87	164	0	233	60.6	8.94	N
	1235	24.91	5.92	165	0	238	49.8	8.93	N
	1240	23.99	5.84	169	0	256	69	8.99	N
	1245	23.36	5.98	289	0	180	60.2	8.99	N
	1250	23.16	6.31	295	0	161	54	9.07	N
	1255	22.98	6.25	317	0	167	38.9	9.08	N
	1300	22.85	6.17	316	0	168	34.3	8.98	N
	1305	22.89	6.4	324	0	158	24.1	9.05	N
	1310	23	6.41	328	0	156	20.8	9.03	N
2.5	1315	22.95	6.38	323	0	155	16.4	9.02	N

Well Condition Summary

Cover: y	Bolts: N		Concrete Pad OK: N/A	Gripper: Y	

Sample Collection Information

Sample Time:	13:15	Appearance: Clear	Filtered Sample Turbidity:	OTHER:

Desired purge flow rate <100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submittal. Minimum 20 minute purge to establish stabilization.

Notes/ Calculations:

Volume? Linear Ft of well casing; 1"=0.041 gal. 2"= 0.163 gal. 4"=0.653 gal.

ABSORBENT SOCK

Sock Length (ft) =		Capacity (Qt.) =		Present:	Y / N	Product Measured (Inches) :	
Sock Installation Date:			Sock Changed :		Y / N		
Sock Depth (Depth to sock mid point):							

LOW-FLOW GROUNDWATER SAMPLING LOG

Location:	Grossingers rd.			Job Number:	9313B	WELL I.D. : MW-217			
Personnel:	BS			Date:	7/11/2022	SESI CONSULTING ENGINEERS			
				PID:	0				
Stickup? Y Distance ground to Stickup Rim/PVC	Distance From Rim to PVC	Total Depth of Well Rim/PVC	Depth to Product Rim/PVC	Depth to Water (Rim/PVC)	Standing Water Column (feet)	Middle of Saturated Zone (feet)	Depth to Sample Tube (feet)	TOV @ Well Head (ppmv)	Pump Peristaltic or Bladder
3.5		20.06	NE	11.21	8.85	15.635	16		Peristaltic
Turbidity at collection (NTU):		11.36	(Less than 5 NTU is desirable)		Duplicate Collected? N			Filtered Sample	N
Stabilization Parameters		+/- 0.5 deg C.	+/- 0.1 Unit	+/- 10 umhos/cm or within 3% if >300umho	1 ppm	+/- 10 mV	No Limit	<.3 feet drawdown desirable	No Limit

Volume Purged (gallons)	Time (actual Time) 5 minute Intervals	TEMP. (Deg. C)	pH	Specific Conductivity uS/cm	Dissolved Oxygen (mg/L)	ORP mV millivolts	Turbidity NTUs	DTW (feet)	Odors Y/N
	1030	25.2	9.68	481	3.69	75	95.4	11.21	N
	1035	18.65	7.05	438	0.61	147	284	11.48	N
	1040	18.77	6.79	453	0.24	167	140	11.46	N
	1045	18.55	6.52	333	1.34	178	116	11.39	N
	1050	19.12	6.33	317	1.35	193	99.6	11.43	N
	1055	19.85	6.17	293	1.32	202	72	11.43	N
	1100	18.65	6.23	286	1.34	204	50	11.35	N
	1105	21.36	6.16	277	1.46	211	38	11.39	N
	1110	21.95	6.16	274	1.4	214	35	11.35	N
	1115	23.7	6.23	271	1.35	220	40	11.35	N
	1120	23.9	6.06	253	1.25	225	29.9	11.4	N
	1125	24.1	5.99	245	1.24	232	22.5	11.41	N
	1130	23.98	5.8	248	1.28	245	20	11.41	N
	1135	24.66	5.97	248	1.2	237	18	11.41	N
	1140	25.11	5.88	245	1.16	245	21	11.39	N
	1145	25.27	5.87	240	1.09	251	21	11.35	N
5.5	1150	25.28	5.8	240	1.06	252	21	11.36	N

Well Condition Summary

Cover: Y	Bolts: N		Concrete Pad OK: N/A	Gripper: Y

Sample Collection Information

Sample Time:	11:50	Appearance: Clear	Filtered Sample Turbidity:	OTHER:

Desired purge flow rate <100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submittal. Minimum 20 minute purge to establish stabilization.

Notes/ Calculations:

Volume? Linear Ft of well casing; 1"=0.041 gal. 2"= 0.163 gal. 4"=0.653 gal.

ABSORBENT SOCK

Sock Length (ft) =		Capacity (Qt.) =		Present:	Y / N	Product Measured (Inches) :	
Sock Installation Date:			Sock Changed :		Y / N		
Sock Depth (Depth to sock mid point):							

Appendix C:

Groundwater Laboratory Analytical Data

www.alphalab.com

Alpha Analytical

Laboratory Code: 11148

SDG Number: L2148182

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Table of Contents

New York ASP Category B Data Deliverable Package 1
- Table of Contents 2
- Sample ID Cross Reference 5
- SDG Narrative 6
- Data Qualifier Definitions 8
- Instrument Information 11
- Sample Log-in Sheet 14
- Lims COC (LN01) 15
- External Chain of Custody 17
- Organics Analysis 18
  - GCMS 8260 Analysis 19
    - Volatiles QC Summary 20
      - Form 2 - Organics 21
      - Form 3 - Organics 22
      - Form 4 - Organics 25
      - Form 5 - Organics 26
      - Form 8 - Organics 28
      - MDL Study - Volatile Organics 8260 29
    - Volatiles Sample Data 38
      - Form 1 - Organics 39
      - TB (L2148182-09) Analyzed: 09/11/21 12:51 89
      - FB (L2148182-08) Analyzed: 09/11/21 13:14 104
      - MW-217 (L2148182-07) Analyzed: 09/11/21 13:37 116
      - MW-216 (L2148182-06) Analyzed: 09/11/21 14:00 129
      - MW-213 (L2148182-05) Analyzed: 09/11/21 14:23 142
      - DUP (L2148182-04) Analyzed: 09/11/21 14:46 156
      - MW-210 (L2148182-03) Analyzed: 09/11/21 15:09 165
      - MW-203 (L2148182-02) Analyzed: 09/11/21 15:32 175
      - MW-201 (L2148182-01) Analyzed: 09/11/21 15:55 196
    - Volatile Standards Data 206
      - Initial Calibration 207
        - Form 6 - Organics 208
        - ICAL for VOA101 on 08/24/21 ICAL18254 211
        - Initial Calibration Summary - Cal Date: 08/24/21 00:00 211
        - BFB Tune Std Injected on: 08/24/21 10:19 215
        - STD0.19PPB Injected on: 08/24/21 11:15 216
        - STD0.5PPB Injected on: 08/24/21 12:02 224
        - STD2PPB Injected on: 08/24/21 12:49 257
        - STD10PPB Injected on: 08/24/21 13:12 270
        - STD30PPB Injected on: 08/24/21 13:36 275
        - STD80PPB Injected on: 08/24/21 14:00 280
        - STD120PPB Injected on: 08/24/21 14:23 285
        - STD200PPB Injected on: 08/24/21 14:47 290
        - ICV Summary Form Injected on: 08/24/21 17:33 295
        - ICV Quant Report Injected on: 08/24/21 17:33 298
        - Correlation Data Summary 303
      - Continuing Calibration 304
        - Form 7 - Organics 305
        - CC Summary - VOA101 Run: 09/11/21 10:01 307
        - CC Quant - VOA101 Run: 09/11/21 10:01 310

Table of Contents

bfb tune - Inst. VOA101 09/11/21 09:19 315
Volatiles Raw QC Data 316
Laboratory Method Bl (WG1545693-5) Analyzed: 09/11/21 11:42 317
Laboratory Control S (WG1545693-3) Analyzed: 09/11/21 10:01 338
LCS Duplicate (WG1545693-4) Analyzed: 09/11/21 10:46 416
Volatiles Calculations 494
QC Batch WG1545693 495
ICAL Sequence for VOA101 on 24-AUG-2021 00:00 ICAL18254 496
Sequence Log 497
PFAAs via EPA 537 498
Semivolatiles QC Summary 499
Form 2 - Organics 500
Form 3 - Organics 503
Form 4 - Organics 507
MDL Study - 537 Isotope Dilution 508
A2-537-ISOTOPE-36 508
Semivolatiles Sample Data 512
Form 1 - Organics 513
MW-201 (L2148182-01) Analyzed: 09/11/21 17:31 531
MW-203 (L2148182-02) Analyzed: 09/11/21 18:05 590
MW-210 (L2148182-03) Analyzed: 09/11/21 18:21 649
DUP (L2148182-04) Analyzed: 09/11/21 18:38 708
MW-213 (L2148182-05) Analyzed: 09/11/21 18:54 767
MW-216 (L2148182-06) Analyzed: 09/11/21 19:11 826
MW-217 (L2148182-07) Analyzed: 09/11/21 19:27 885
FB (L2148182-08) Analyzed: 09/11/21 19:44 944
Semivolatiles Standards Data 1003
Initial Calibration 1004
Form 6 - Organics 1005
ICAL for LCMS02 on 06/28/21 ICAL18098 1089
Initial Calibration Summary - Cal Date: 06/28/21 09:25 1089
STD-.5 Injected on: 06/25/21 18:20 1173
STD-1 Injected on: 06/25/21 18:36 1260
STD-2 Injected on: 06/25/21 18:53 1347
STD-5 Injected on: 06/25/21 19:10 1434
STD-10 Injected on: 06/25/21 19:26 1521
STD-25 Injected on: 06/25/21 19:43 1608
STD-50 Injected on: 06/25/21 19:59 1695
STD-100 Injected on: 06/25/21 20:16 1782
STD-250 Injected on: 06/25/21 20:32 1869
ICV STD-10 Injected on: 06/25/21 22:12 1956
ICV STD-10 Injected on: 06/25/21 22:28 2040
Ion Ratios 2044
Branched Technical Standard 2048
Continuing Calibration 2054
Form 7 - Organics 2055
CC Quant - WG1545307-1 LCMS02 Run: 09/11/21 13:31:59 2061
CC Quant - WG1545307-2 LCMS02 Run: 09/11/21 17:48:32 2126
CC Quant - WG1545307-3 LCMS02 Run: 09/11/21 20:50:45 2191
Semivolatiles Raw QC Summary 2256

Table of Contents

Laboratory Method Bl (WG1544839-1) Analyzed: 09/11/21 13:56 2257
Laboratory Control S (WG1544839-2) Analyzed: 09/11/21 14:13 2322
Matrix Spike (WG1544839-3) Analyzed: 09/11/21 16:25 2387
Matrix Spike Duplica (WG1544839-4) Analyzed: 09/11/21 16:42 2446
Semivolatiles Calculations 2505
QC Batch WG1545307 2506
ICAL Sequence for LCMS02 on 28-JUN-2021 09:25 ICAL18098 2508
Sequence Log 2511
Organic ELN-Workgroup:WG1544839 2512

Project Name: GROSSINGERS
Project Number: 9313:11

Lab Number: L2148182
Report Date: 09/14/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2148182-01	MW-201	WATER	LIBERTY, NY	09/08/21 12:00	09/08/21
L2148182-02	MW-203	WATER	LIBERTY, NY	09/08/21 12:45	09/08/21
L2148182-03	MW-210	WATER	LIBERTY, NY	09/08/21 10:30	09/08/21
L2148182-04	DUP	WATER	LIBERTY, NY	09/08/21 00:00	09/08/21
L2148182-05	MW-213	WATER	LIBERTY, NY	09/08/21 13:30	09/08/21
L2148182-06	MW-216	WATER	LIBERTY, NY	09/08/21 11:50	09/08/21
L2148182-07	MW-217	WATER	LIBERTY, NY	09/08/21 10:45	09/08/21
L2148182-08	FB	WATER	LIBERTY, NY	09/08/21 13:00	09/08/21
L2148182-09	TB	WATER	LIBERTY, NY	09/07/21 00:00	09/08/21

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Perfluorinated Alkyl Acids by Isotope Dilution

L2148182-02 and -05: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Michelle M. Morris Report Date: 09/14/21

Title: Technical Director/Representative

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Report Format: DU Report with 'J' Qualifiers

Data Qualifiers

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Volatile Organics Instruments

Volatile Organics:

Instrument: Agilent 7890 GC/5975C MSD	Columns (length x ID x df):
Trap: Supelco K Trap (VOACARB 3000)	RTX-VMS 20m x 0.18mm x 1um
Concentrator: EST Encon (or equivalent)	RTX-VMS 30m x 0.25mm x 1.4um
Autosampler: EST Centurion (or equivalent)	RTX-502.2 40m x 0.18mm x 1um
Purge time: 11 min	

Volatile Organics: VPH

Instrument: Agilent 6890 (or equivalent)	Column Type: Restek RTX 502.2
Trap: Supelco K Trap (VOACARB 3000)	Column Length: 105 Meters
Concentrator: EST Encon (or equivalent)	df: 3.00 um
Autosampler: EST Centurion (or equivalent)	ID: 0.53mm

Volatile Organics: PIANO

Instrument: Agilent 7890 GC/5975C MSD	Column Type: DB-VRX
Trap: Supelco K Trap (VOACARB 3000)	Column Length: 60 Meters
Concentrator: Tekmar Velocity / EST Encon	df: 1.40 um
Autosampler: Varian Archon / EST Centurion	ID: 0.25 mm
Purge time: 11 min	Desorb: 1 min

Volatile Organics: Dissolved Gas

Instrument: Agilent 7890 (or equivalent) with FID/TCD

	Column Type: Haysep S Column
	Column Length: 2 Meters packed (100/200 mesh)
Autosampler: LEAP Headspace	Purge time: 0.6 min

Volatile Organics in Air Instruments

Volatile Organics in Air:

Instruments: Agilent 6890 GC / 5975 MSD Shimadzu QP2010-SE / QP2020

Concentrator: Entech 7100A or 7200	Column Type: Restek RTX-1
Autosampler: Entech 7016CA or 7016D	Column Length: 60 Meters
	df: 1.00 um
	ID: 0.25 mm or 0.32 mm

Trap 1: Glass Bead: manufacturer-Entech: 20 cm packing material
Trap 2: Tenax: manufacturer-Entech: 20 cm packing material

Semivolatile Organics Instruments - Westborough

Semivolatile Organics (Acid/Base/Neutral Extractables):

Instrument: Agilent 5973N MSD	Injection volume: 1 ul;2 uL LVI
Column Type: Restek RXI-5SILMS	df: 0.32 um
Column Length: 30 Meters	ID: 0.25 mm

Polynuclear Aromatic Hydrocarbons by 8270 SIM:

Instrument: Agilent 5973 MSD	Injection volume: 1 ul;2 uL LVI
Column Type: Restek RXI-5SILMS	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Pesticides/PCB/Herbicides:

Instrument: Agilent 6890 w/Dual Micro ECDs	Injection Volume: 1uL
Column A: Restek RTX-CL/STX-CL	df: 0.32
Column B: Restek RTX/STX-CLPPesticide II	df: 0.25
Column Length: 30 Meters	ID: 0.32 mm

Petroleum/EPH:

Instrument: Agilent 6890 w/FID / HP 5890 w/ FID	Injection Volume: 1uL
Column: Restek RTX 5	df: 0.25
Column Length: 30 Meters	
ID: 0.32 mm	

Semivolatile Organic Instruments - Mansfield

Semivolatile Organics (ALK-PAH Extractables):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 1 ul
Column Type: ZB-5	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Semivolatile Organics (8270):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 2 ul
Column Type: ZB-Semivolatiles	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Semivolatile Organics (8270 SIM):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 3 ul
Column Type: ZB-5	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Semivolatile Organics (1,4-Dioxane):

Instrument: Agilent 5973N / 5975 / 5977 MSD	Injection volume: 3 ul
Column Type: RTX-5	df: 0.25um, 0.18 um
Column Length: 30 Meters	ID: 0.25um, 0.18 mm

Semivolatile Organics (209 Congener):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 3 ul
Column Type: RTX-5, RTX-PCB	df: 0.25um, 0.18 um
Column Length: 60 Meters	ID: 0.25um, 0.18 mm

Semivolatile Organics (8081):

Instrument: Agilent 6890 / 7890	Injection volume: 1 ul
Column Type: RTX-5 / RTX-CLP II	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Semivolatile Organics (8082):

Instrument: Agilent 6890 w/Dual Micro ECDs	Injection Volume: 1uL
Column A: Restek RTX-CL/STX-CL	df: 0.32
Column B: Restek RTX/STX-CLPPesticide II	df: 0.25
Column Length: 30 Meters	ID: 0.32 mm

Semivolatile Organics (SHC Extractables):

Instrument: Agilent 6890	Injection volume: 1 ul
Column Type: RTX-5	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Sample Delivery Group Summary

Alpha Job Number : L2148182

Account Name : Soils Engineering Services, Inc.
Project Number : 9313:11
Project Name : GROSSINGERS

Received : 08-SEP-2021
Reviewer : Julie DeCenzo

Delivery Information

Samples Delivered By : Alpha Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	5.0	
B	Absent/	Ice	3.8	

Condition Information

1) All samples on COC received? **YES**

2) Extra samples received? **NO**

3) Are there any sample container discrepancies? **NO**

4) Are there any discrepancies between sample labels & COC? **NO**

5) Are samples in appropriate containers for requested analysis? **YES**

6) Are samples properly preserved for requested analysis? **NO**
Following containers were received with headspace: -05B, -06B

7) Are samples within holding time for requested analysis? **YES**

8) All sampling equipment returned? **NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client? **NO**

ALPHA ANALYTICAL LABORATORIES, INC.
LOGIN CHAIN OF CUSTODY REPORT
Sep 14 2021, 08:12 pm

Login Number: L2148182
Account: SESI Soils Engineering Services, Inc.Project: 9313:11
Received: 08SEP21 Due Date: 22SEP21

Sample #	Client ID	Mat	PR	Collected
L2148182-01	MW-201	1	S0	08SEP21 12:00
8260: report 15 TICs ASP-B Package Due Date: 09/22/21				
A2-NY-537-ISOTOPE,ASP-B,NYTCL-8260				
L2148182-02	MW-203	1	S0	08SEP21 12:45
8260: report 15 TICs Package Due Date: 09/22/21				
A2-NY-537-ISOTOPE,NYTCL-8260				
L2148182-03	MW-210	1	S0	08SEP21 10:30
8260: report 15 TICs Package Due Date: 09/22/21				
A2-NY-537-ISOTOPE,NYTCL-8260				
L2148182-04	DUP	1	S0	08SEP21 00:00
8260: report 15 TICs Package Due Date: 09/22/21				
A2-NY-537-ISOTOPE,NYTCL-8260				
L2148182-05	MW-213	1	S0	08SEP21 13:30
8260: report 15 TICs Package Due Date: 09/22/21				
A2-NY-537-ISOTOPE,NYTCL-8260				
L2148182-06	MW-216	1	S0	08SEP21 11:50
8260: report 15 TICs Package Due Date: 09/22/21				
A2-NY-537-ISOTOPE,NYTCL-8260				
L2148182-07	MW-217	1	S0	08SEP21 10:45
8260: report 15 TICs Package Due Date: 09/22/21				

ALPHA ANALYTICAL LABORATORIES, INC.
LOGIN CHAIN OF CUSTODY REPORT
Sep 14 2021, 08:12 pm

Login Number: L2148182
Account: SESI Soils Engineering Services, Inc.Project: 9313:11
Received: 08SEP21 Due Date: 22SEP21

Sample #	Client ID	Mat	PR	Collected
A2-NY-537-ISOTOPE,NYTCL-8260				
L2148182-08	FB		1	S0 08SEP21 13:00
8260: report 15 TICs Package Due Date: 09/22/21				
A2-NY-537-ISOTOPE,NYTCL-8260				
L2148182-09	TB		1	S0 07SEP21 00:00
8260: report 15 TICs Package Due Date: 09/22/21				
NYTCL-8260				

Logged By: Ashaley Kane

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 9/8/21

ALPHA Job #: L2148182

Client Information
Client: SESI Consultants Engineers
Address: 12A Maple Avenue
Pine Brook, NJ
Phone:
Fax:
Email: ss6@SESI.URG

Project Information
Project Name: Grossingers
Project Location: Liberty, NY
Project #: 9313:11
(Use Project name as Project #) ☐
Project Manager: Steve Gutsens
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☒ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☒ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs	PFAS	Total Bottle	Sample Specific Comments
48182-01	MW-201	9/7/21	1200	GW	MEM	x	x		
02	MW-203		1245		MEM	x	x		
03	MW-210		1030		MEM	x	x		
04	DUP		—		MEM	x	x		
05	MW-213		1330		MZ	x	x		
06	MW-216		1150		MZ	x	x		
07	MW-217		1045		MZ	x	x		
08	FB		1300	Blank	MEM	x	x		
09	TB	9/7	—	Blank	BI	x			

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	V	A
Preservative	B	B

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	9/8/21 1517	CHICKN	9/8/21 1517
CHICKN	9/8/21 1517	[signature]	9/8/21 1645
[signature]	9/8/21 2155		

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

Organics

GC/MS 8260
Analysis

Volatiles QC Summary

Surrogate Recovery Summary
Form 2
Volatiles

Client: Soils Engineering Services, Inc.
Project Name: GROSSINGERS

Lab Number: L2148182
Project Number: 9313:11
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	SMC1 DCA	SMC2 TOL	SMC3 BFB	SMC4 DBFM	TOT OUT
MW-201 (L2148182-01)	108	103	104	103	0
MW-203 (L2148182-02)	105	102	107	101	0
MW-210 (L2148182-03)	108	103	107	101	0
DUP (L2148182-04)	104	102	107	103	0
MW-213 (L2148182-05)	107	103	106	103	0
MW-216 (L2148182-06)	103	104	108	103	0
MW-217 (L2148182-07)	106	102	105	105	0
FB (L2148182-08)	104	102	107	104	0
TB (L2148182-09)	102	103	108	100	0
WG1545693-3LCS	99	101	109	102	0
WG1545693-4LCSD	97	103	107	100	0
WG1545693-5BLANK	101	102	107	101	0

QC LIMITS

(70-130) DCA = 1,2-DICHLOROETHANE-D4
(70-130) TOL = TOLUENE-D8
(70-130) BFB = 4-BROMOFLUOROBENZENE
(70-130) DBFM = DIBROMOFLUOROMETHANE

*** Values outside of QC limits**

FORM II NYTCL-8260

Laboratory Control Sample Summary
Form 3
Volatiles

Client : Soils Engineering Services, Inc. **Lab Number** : L2148182
Project Name : GROSSINGERS **Project Number** : 9313:11
Matrix : WATER
LCS Sample ID : WG1545693-3 **Analysis Date** : 09/11/21 10:01 **File ID** : V01210911A02
LCSD Sample ID : WG1545693-4 **Analysis Date** : 09/11/21 10:46 **File ID** : V01210911A04

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	10	9.4	94	10	9.3	93	1	70-130	20
1,1-Dichloroethane	10	9.8	98	10	9.5	95	3	70-130	20
Chloroform	10	9.9	99	10	9.5	95	4	70-130	20
Carbon tetrachloride	10	10	100	10	9.7	97	3	63-132	20
1,2-Dichloropropane	10	9.1	91	10	9.0	90	1	70-130	20
Dibromochloromethane	10	9.0	90	10	8.8	88	2	63-130	20
1,1,2-Trichloroethane	10	8.8	88	10	8.7	87	1	70-130	20
Tetrachloroethene	10	10	100	10	10	100	0	70-130	20
Chlorobenzene	10	9.7	97	10	9.8	98	1	75-130	20
Trichlorofluoromethane	10	10	100	10	9.8	98	2	62-150	20
1,2-Dichloroethane	10	8.8	88	10	8.7	87	1	70-130	20
1,1,1-Trichloroethane	10	10	100	10	10	100	0	67-130	20
Bromodichloromethane	10	9.2	92	10	8.9	89	3	67-130	20
trans-1,3-Dichloropropene	10	8.7	87	10	8.8	88	1	70-130	20
cis-1,3-Dichloropropene	10	8.8	88	10	8.5	85	3	70-130	20
1,1-Dichloropropene	10	9.8	98	10	9.7	97	1	70-130	20
Bromoform	10	9.1	91	10	8.9	89	2	54-136	20
1,1,2,2-Tetrachloroethane	10	8.8	88	10	8.8	88	0	67-130	20
Benzene	10	9.7	97	10	9.4	94	3	70-130	20
Toluene	10	9.6	96	10	9.6	96	0	70-130	20
Ethylbenzene	10	9.8	98	10	9.8	98	0	70-130	20
Chloromethane	10	9.2	92	10	9.1	91	1	64-130	20
Bromomethane	10	10	100	10	9.2	92	8	39-139	20
Vinyl chloride	10	9.9	99	10	9.6	96	3	55-140	20
Chloroethane	10	10	100	10	10	100	0	55-138	20
1,1-Dichloroethene	10	9.8	98	10	9.4	94	4	61-145	20

Laboratory Control Sample Summary
Form 3
Volatiles

Client : Soils Engineering Services, Inc. **Lab Number** : L2148182
Project Name : GROSSINGERS **Project Number** : 9313:11
Matrix : WATER
LCS Sample ID : WG1545693-3 **Analysis Date** : 09/11/21 10:01 **File ID** : V01210911A02
LCSD Sample ID : WG1545693-4 **Analysis Date** : 09/11/21 10:46 **File ID** : V01210911A04

	Laboratory Control Sample				Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R		True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
trans-1,2-Dichloroethene	10	9.9	99		10	9.4	94	5	70-130	20
Trichloroethene	10	9.8	98		10	9.4	94	4	70-130	20
1,2-Dichlorobenzene	10	9.6	96		10	9.5	95	1	70-130	20
1,3-Dichlorobenzene	10	10	100		10	9.9	99	1	70-130	20
1,4-Dichlorobenzene	10	10	100		10	9.7	97	3	70-130	20
Methyl tert butyl ether	10	7.4	74		10	7.2	72	3	63-130	20
p/m-Xylene	20	20	100		20	19	95	5	70-130	20
o-Xylene	20	20	100		20	20	100	0	70-130	20
cis-1,2-Dichloroethene	10	9.7	97		10	9.7	97	0	70-130	20
Dibromomethane	10	8.6	86		10	8.4	84	2	70-130	20
1,2,3-Trichloropropane	10	8.7	87		10	8.6	86	1	64-130	20
Acrylonitrile	10	6.9	69	Q	10	6.4	64	Q 8	70-130	20
Styrene	20	19	95		20	19	95	0	70-130	20
Dichlorodifluoromethane	10	9.9	99		10	9.7	97	2	36-147	20
Acetone	10	8.2	82		10	7.2	72	13	58-148	20
Carbon disulfide	10	9.3	93		10	9.0	90	3	51-130	20
2-Butanone	10	7.2	72		10	6.8	68	6	63-138	20
Vinyl acetate	10	8.2	82		10	7.9	79	4	70-130	20
4-Methyl-2-pentanone	10	7.3	73		10	7.5	75	3	59-130	20
2-Hexanone	10	7.6	76		10	7.6	76	0	57-130	20
Bromochloromethane	10	9.7	97		10	9.6	96	1	70-130	20
2,2-Dichloropropane	10	11	110		10	10	100	10	63-133	20
1,2-Dibromoethane	10	8.8	88		10	8.8	88	0	70-130	20
1,3-Dichloropropane	10	8.8	88		10	8.7	87	1	70-130	20
1,1,1,2-Tetrachloroethane	10	9.9	99		10	10	100	1	64-130	20
Bromobenzene	10	11	110		10	11	110	0	70-130	20

Laboratory Control Sample Summary
Form 3
Volatiles

Client : Soils Engineering Services, Inc. **Lab Number** : L2148182
Project Name : GROSSINGERS **Project Number** : 9313:11
Matrix : WATER
LCS Sample ID : WG1545693-3 **Analysis Date** : 09/11/21 10:01 **File ID** : V01210911A02
LCSD Sample ID : WG1545693-4 **Analysis Date** : 09/11/21 10:46 **File ID** : V01210911A04

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
n-Butylbenzene	10	10	100	10	9.9	99	1	53-136	20
sec-Butylbenzene	10	10	100	10	10	100	0	70-130	20
tert-Butylbenzene	10	11	110	10	10	100	10	70-130	20
o-Chlorotoluene	10	11	110	10	11	110	0	70-130	20
p-Chlorotoluene	10	11	110	10	10	100	10	70-130	20
1,2-Dibromo-3-chloropropane	10	8.3	83	10	7.7	77	8	41-144	20
Hexachlorobutadiene	10	12	120	10	10	100	18	63-130	20
Isopropylbenzene	10	11	110	10	11	110	0	70-130	20
p-Isopropyltoluene	10	11	110	10	10	100	10	70-130	20
Naphthalene	10	7.1	71	10	6.0	60 Q	17	70-130	20
n-Propylbenzene	10	11	110	10	10	100	10	69-130	20
1,2,3-Trichlorobenzene	10	7.6	76	10	6.3	63 Q	19	70-130	20
1,2,4-Trichlorobenzene	10	8.7	87	10	7.8	78	11	70-130	20
1,3,5-Trimethylbenzene	10	11	110	10	10	100	10	64-130	20
1,2,4-Trimethylbenzene	10	11	110	10	10	100	10	70-130	20
1,4-Dioxane	500	460	92	500	340	68	30 Q	56-162	20
p-Diethylbenzene	10	10	100	10	9.7	97	3	70-130	20
p-Ethyltoluene	10	10	100	10	10	100	0	70-130	20
1,2,4,5-Tetramethylbenzene	10	10	100	10	9.4	94	6	70-130	20
Ethyl ether	10	7.8	78	10	7.8	78	0	59-134	20
trans-1,4-Dichloro-2-butene	10	5.7	57 Q	10	6.0	60 Q	5	70-130	20

Method Blank Summary
Form 4
Volatiles

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab Sample ID	: WG1545693-5	**Lab File ID**	: V01210911A06
Instrument ID	: VOA101		
Matrix	: WATER	**Analysis Date**	: 09/11/21 11:42

Client Sample No.	Lab Sample ID	Analysis Date
WG1545693-3LCS	WG1545693-3	09/11/21 10:01
WG1545693-4LCSD	WG1545693-4	09/11/21 10:46
TB	L2148182-09	09/11/21 12:51
FB	L2148182-08	09/11/21 13:14
MW-217	L2148182-07	09/11/21 13:37
MW-216	L2148182-06	09/11/21 14:00
MW-213	L2148182-05	09/11/21 14:23
DUP	L2148182-04	09/11/21 14:46
MW-210	L2148182-03	09/11/21 15:09
MW-203	L2148182-02	09/11/21 15:32
MW-201	L2148182-01	09/11/21 15:55

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Instrument ID	: VOA101	**Analysis Date**	: 08/24/21 10:19
Tune Standard	: WG1538690-1	**Tune File ID**	: V01210824ABF1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	24.1
75	30.0 - 60.0% of mass 95	49.3
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.4 (.5)1
174	Greater than 50.0 of mass 95	71.6
175	5.0 - 9.0% of mass 174	5.9 (8.3)1
176	95.0 - 101% of mass 174	70.6 (98.6)1
177	5.0 - 9.0% of mass 176	4.5 (6.4)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
STD0.19PPB	R1471108-1	V01210824A03	08/24/21 11:15
STD0.5PPB	R1471108-2	V01210824A05	08/24/21 12:02
STD2PPB	R1471108-3	V01210824A07	08/24/21 12:49
STD10PPB	R1471108-5	V01210824A08	08/24/21 13:12
STD30PPB	R1471108-4	V01210824A09	08/24/21 13:36
STD80PPB	R1471108-7	V01210824A10	08/24/21 14:00
STD120PPB	R1471108-6	V01210824A11	08/24/21 14:23
STD200PPB	R1471108-8	V01210824A12	08/24/21 14:47
ICV Quant Report	R1471108-9	V01210824A19	08/24/21 17:33

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Instrument ID	: VOA101	**Analysis Date**	: 09/11/21 09:19
Tune Standard	: WG1545693-1	**Tune File ID**	: V01210911ABF2_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	22.5
75	30.0 - 60.0% of mass 95	48.6
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0 (0)1
174	Greater than 50.0 of mass 95	73.5
175	5.0 - 9.0% of mass 174	5.9 (8)1
176	95.0 - 101% of mass 174	71.5 (97.2)1
177	5.0 - 9.0% of mass 176	4.7 (6.6)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1545693-2CCAL	WG1545693-2	V01210911A02	09/11/21 10:01
WG1545693-3LCS	WG1545693-3	V01210911A02	09/11/21 10:01
WG1545693-4LCSD	WG1545693-4	V01210911A04	09/11/21 10:46
WG1545693-5BLANK	WG1545693-5	V01210911A06	09/11/21 11:42
TB	L2148182-09	V01210911A09	09/11/21 12:51
FB	L2148182-08	V01210911A10	09/11/21 13:14
MW-217	L2148182-07	V01210911A11	09/11/21 13:37
MW-216	L2148182-06	V01210911A12	09/11/21 14:00
MW-213	L2148182-05	V01210911A13	09/11/21 14:23
DUP	L2148182-04	V01210911A14	09/11/21 14:46
MW-210	L2148182-03	V01210911A15	09/11/21 15:09
MW-203	L2148182-02	V01210911A16	09/11/21 15:32
MW-201	L2148182-01	V01210911A17	09/11/21 15:55

Internal Standard Area and RT Summary
Form 8a
Volatiles

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Instrument ID	: VOA101	**Analysis Date**	: 09/11/21 10:01:00
Sample No	: WG1545693-2	**Lab File ID**	: V01210911A02

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG1545693-2	384751	6.25	282294	9.81	118126	12.45
Upper Limit	769502	6.75	564588	10.31	236252	12.95
Lower Limit	192376	5.75	141147	9.31	59063	11.95
Sample ID						
WG1545693-3 LCS	384751	6.25	282294	9.81	118126	12.45
WG1545693-4 LCSD	386992	6.25	277702	9.80	119510	12.45
WG1545693-5 BLANK	382756	6.25	278951	9.80	119655	12.46
TB	371175	6.26	267802	9.81	113290	12.46
FB	369607	6.26	271301	9.81	117518	12.45
MW-217	384168	6.26	283332	9.81	121663	12.46
MW-216	360726	6.26	261334	9.81	112016	12.45
MW-213	362843	6.26	262313	9.81	113463	12.46
DUP	359103	6.26	259954	9.81	110916	12.46
MW-210	361014	6.26	263537	9.81	112046	12.45
MW-203	352137	6.26	257168	9.80	110650	12.45
MW-201	347829	6.25	254532	9.81	109562	12.46

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Date Created: 06/19/18
Created By: Jason Hebert
File: PM5049-1
Page: 1

Volatile Organics - EPA 8260C (WATER)

Holding Time: 14 days
Container / Sample Preservation: 3 - Vial HCl preserved

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Methylene chloride	75-09-2	3	0.678	ug/l	70-130	20	70-130	20	20			
1,1-Dichloroethane	75-34-3	0.75	0.210	ug/l	70-130	20	70-130	20	20			
Chloroform	67-66-3	0.75	0.222	ug/l	70-130	20	70-130	20	20			
Carbon tetrachloride	56-23-5	0.5	0.134	ug/l	63-132	20	63-132	20	20			
1,2-Dichloropropane	78-87-5	1.75	0.137	ug/l	70-130	20	70-130	20	20			
Dibromochloromethane	124-48-1	0.5	0.149	ug/l	63-130	20	63-130	20	20			
1,1,2-Trichloroethane	79-00-5	0.75	0.144	ug/l	70-130	20	70-130	20	20			
Tetrachloroethene	127-18-4	0.5	0.181	ug/l	70-130	20	70-130	20	20			
Chlorobenzene	108-90-7	0.5	0.178	ug/l	75-130	25	75-130	25	25			
Trichlorofluoromethane	75-69-4	2.5	0.161	ug/l	62-150	20	62-150	20	20			
1,2-Dichloroethane	107-06-2	0.5	0.132	ug/l	70-130	20	70-130	20	20			
1,1,1-Trichloroethane	71-55-6	0.5	0.158	ug/l	67-130	20	67-130	20	20			
Bromodichloromethane	75-27-4	0.5	0.192	ug/l	67-130	20	67-130	20	20			
trans-1,3-Dichloropropene	10061-02-6	0.5	0.164	ug/l	70-130	20	70-130	20	20			
cis-1,3-Dichloropropene	10061-01-5	0.5	0.144	ug/l	70-130	20	70-130	20	20			
1,3-Dichloropropene, Total	542-75-6	0.5	0.144	ug/l				20	20			
1,3-Dichloropropene, Total	542-75-6	0.5	0.144	ug/l				20	20			
1,1-Dichloropropene	563-58-6	2.5	0.240	ug/l	70-130	20	70-130	20	20			
Bromoform	75-25-2	2	0.248	ug/l	54-136	20	54-136	20	20			
1,1,2,2-Tetrachloroethane	79-34-5	0.5	0.167	ug/l	67-130	20	67-130	20	20			
Benzene	71-43-2	0.5	0.159	ug/l	70-130	25	70-130	25	25			
Toluene	108-88-3	0.75	0.203	ug/l	70-130	25	70-130	25	25			
Ethylbenzene	100-41-4	0.5	0.167	ug/l	70-130	20	70-130	20	20			
Chloromethane	74-87-3	2.5	0.200	ug/l	64-130	20	64-130	20	20			
Bromomethane	74-83-9	1	0.256	ug/l	39-139	20	39-139	20	20			
Vinyl chloride	75-01-4	1	0.0714	ug/l	55-140	20	55-140	20	20			
Chloroethane	75-00-3	1	0.134	ug/l	55-138	20	55-138	20	20			
1,1-Dichloroethene	75-35-4	0.5	0.169	ug/l	61-145	25	61-145	25	25			
trans-1,2-Dichloroethene	156-60-5	0.75	0.163	ug/l	70-130	20	70-130	20	20			
1,2-Dichloroethene (total)	540-59-0	0.5	0.163	ug/l				20	20			
1,2-Dichloroethene (total)	540-59-0	0.5	0.163	ug/l				20	20			
Trichloroethene	79-01-6	0.5	0.175	ug/l	70-130	25	70-130	25	25			
1,2-Dichlorobenzene	95-50-1	2.5	0.184	ug/l	70-130	20	70-130	20	20			
1,3-Dichlorobenzene	541-73-1	2.5	0.186	ug/l	70-130	20	70-130	20	20			
1,4-Dichlorobenzene	106-46-7	2.5	0.187	ug/l	70-130	20	70-130	20	20			
Methyl tert butyl ether	1634-04-4	1	0.166	ug/l	63-130	20	63-130	20	20			
p/m-Xylene	179601-23-1	1	0.332	ug/l	70-130	20	70-130	20	20			
o-Xylene	95-47-6	1	0.392	ug/l	70-130	20	70-130	20	20			
Xylene (Total)	1330-20-7	1	0.330	ug/l				20	20			
Xylene (Total)	1330-20-7	1	0.330	ug/l				20	20			
cis-1,2-Dichloroethene	156-59-2	0.5	0.187	ug/l	70-130	20	70-130	20	20			
Dibromomethane	74-95-3	5	0.363	ug/l	70-130	20	70-130	20	20			

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. ***(Soil/Solids only)***
Please Note that the information provided in this table is subject to change at anytime at the discretion of Alpha Analytical, Inc.

Volatile Organics - EPA 8260C (WATER)

Holding Time: 14 days
Container / Sample Preservation: 3 - Vial HCl preserved

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
1,4-Dichlorobutane	110-56-5	5	0.464	ug/l	70-130	20	70-130	20	20			
1,2,3-Trichloropropane	96-18-4	5	0.176	ug/l	64-130	20	64-130	20	20			
Styrene	100-42-5	1	0.359	ug/l	70-130	20	70-130	20	20			
Dichlorodifluoromethane	75-71-8	5	0.244	ug/l	36-147	20	36-147	20	20			
Acetone	67-64-1	5	1.46	ug/l	58-148	20	58-148	20	20			
Carbon disulfide	75-15-0	5	0.299	ug/l	51-130	20	51-130	20	20			
2-Butanone	78-93-3	5	1.94	ug/l	63-138	20	63-138	20	20			
Vinyl acetate	108-05-4	5	0.311	ug/l	70-130	20	70-130	20	20			
4-Methyl-2-pentanone	108-10-1	5	0.416	ug/l	59-130	20	59-130	20	20			
2-Hexanone	591-78-6	5	0.515	ug/l	57-130	20	57-130	20	20			
Ethyl methacrylate	97-63-2	5	0.606	ug/l	70-130	20	70-130	20	20			
Acrylonitrile	107-13-1	5	0.430	ug/l	70-130	20	70-130	20	20			
Bromochloromethane	74-97-5	2.5	0.152	ug/l	70-130	20	70-130	20	20			
Tetrahydrofuran	109-99-9	5	0.525	ug/l	58-130	20	58-130	20	20			
2,2-Dichloropropane	594-20-7	2.5	0.204	ug/l	63-133	20	63-133	20	20			
1,2-Dibromoethane	106-93-4	2	0.193	ug/l	70-130	20	70-130	20	20			
1,3-Dichloropropane	142-28-9	2.5	0.212	ug/l	70-130	20	70-130	20	20			
1,1,1,2-Tetrachloroethane	630-20-6	0.5	0.164	ug/l	64-130	20	64-130	20	20			
Bromobenzene	108-86-1	2.5	0.152	ug/l	70-130	20	70-130	20	20			
n-Butylbenzene	104-51-8	0.5	0.192	ug/l	53-136	20	53-136	20	20			
sec-Butylbenzene	135-98-8	0.5	0.181	ug/l	70-130	20	70-130	20	20			
tert-Butylbenzene	98-06-6	2.5	0.196	ug/l	70-130	20	70-130	20	20			
o-Chlorotoluene	95-49-8	2.5	0.215	ug/l	70-130	20	70-130	20	20			
p-Chlorotoluene	106-43-4	2.5	0.185	ug/l	70-130	20	70-130	20	20			
1,2-Dibromo-3-chloropropane	96-12-8	2.5	0.353	ug/l	41-144	20	41-144	20	20			
Hexachlorobutadiene	87-68-3	0.5	0.217	ug/l	63-130	20	63-130	20	20			
Isopropylbenzene	98-82-8	0.5	0.187	ug/l	70-130	20	70-130	20	20			
p-Isopropyltoluene	99-87-6	0.5	0.188	ug/l	70-130	20	70-130	20	20			
Naphthalene	91-20-3	2.5	0.216	ug/l	70-130	20	70-130	20	20			
n-Propylbenzene	103-65-1	0.5	0.173	ug/l	69-130	20	69-130	20	20			
1,2,3-Trichlorobenzene	87-61-6	2.5	0.234	ug/l	70-130	20	70-130	20	20			
1,2,4-Trichlorobenzene	120-82-1	2.5	0.220	ug/l	70-130	20	70-130	20	20			
1,3,5-Trimethylbenzene	108-67-8	2.5	0.217	ug/l	64-130	20	64-130	20	20			
1,3,5-Trichlorobenzene	108-70-3	2	0.141	ug/l	70-130	20	70-130	20	20			
1,2,4-Trimethylbenzene	95-63-6	2.5	0.191	ug/l	70-130	20	70-130	20	20			
trans-1,4-Dichloro-2-butene	110-57-6	2.5	0.213	ug/l	70-130	20	70-130	20	20			
Ethyl ether	60-29-7	2.5	0.163	ug/l	59-134	20	59-134	20	20			
Methyl Acetate	79-20-9	10	0.234	ug/l	70-130	20	70-130	20	20			
Ethyl Acetate	141-78-6	10	0.716	ug/l	70-130	20	70-130	20	20			
Isopropyl Ether	108-20-3	2	0.425	ug/l	70-130	20	70-130	20	20			
Cyclohexane	110-82-7	10	0.271	ug/l	70-130	20	70-130	20	20			
Ethyl-Tert-Butyl-Ether	637-92-3	2	0.179	ug/l	70-130	20	70-130	20	20			

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. ***(Soil/Solids only)***
Please Note that the information provided in this table is subject to change at anytime at the discretion of Alpha Analytical, Inc.

Volatile Organics - EPA 8260C (WATER)

Holding Time: 14 days
Container / Sample Preservation: 3 - Vial HCl preserved

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Tertiary-Amyl Methyl Ether	994-05-8	2	0.278	ug/l	66-130	20	66-130	20	20			
1,4-Dioxane	123-91-1	250	60.8	ug/l	56-162	20	56-162	20	20			
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	10	0.148	ug/l	70-130	20	70-130	20	20			
Methyl cyclohexane	108-87-2	10	0.396	ug/l	70-130	20	70-130	20	20			
1,4-Diethylbenzene	105-05-5	2	0.392	ug/l	70-130	20	70-130	20	20			
4-Ethyltoluene	622-96-8	2	0.340	ug/l	70-130	20	70-130	20	20			
1,2,4,5-Tetramethylbenzene	95-93-2	2	0.542	ug/l	70-130	20	70-130	20	20			
1,2-Dichloroethane-d4	*17060-07-0*									*70-130*		
Toluene-d8	*2037-26-5*									*70-130*		
4-Bromofluorobenzene	*460-00-4*									*70-130*		
Dibromofluoromethane	*1868-53-7*									*70-130*		

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)
Please Note that the information provided in this table is subject to change at anytime at the discretion of Alpha Analytical, Inc.

Date Created: 06/19/18
Created By: Jason Hebert
File: PM5047-1
Page: 1

Volatile Organics - EPA 8260C (SOIL-LOW)

Holding Time: 14 days
Container / Sample Preservation: 1 - Vial Large Septa unpreserved (4oz)

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Methylene chloride	75-09-2	5	2.29	ug/kg	70-130	30	70-130	30	30			
1,1-Dichloroethane	75-34-3	1	0.145	ug/kg	70-130	30	70-130	30	30			
Chloroform	67-66-3	1.5	0.140	ug/kg	70-130	30	70-130	30	30			
Carbon tetrachloride	56-23-5	1	0.230	ug/kg	70-130	30	70-130	30	30			
1,2-Dichloropropane	78-87-5	1	0.125	ug/kg	70-130	30	70-130	30	30			
Dibromochloromethane	124-48-1	1	0.140	ug/kg	70-130	30	70-130	30	30			
1,1,2-Trichloroethane	79-00-5	1	0.267	ug/kg	70-130	30	70-130	30	30			
Tetrachloroethene	127-18-4	0.5	0.196	ug/kg	70-130	30	70-130	30	30			
Chlorobenzene	108-90-7	0.5	0.127	ug/kg	70-130	30	70-130	30	30			
Trichlorofluoromethane	75-69-4	4	0.695	ug/kg	70-139	30	70-139	30	30			
1,2-Dichloroethane	107-06-2	1	0.257	ug/kg	70-130	30	70-130	30	30			
1,1,1-Trichloroethane	71-55-6	0.5	0.167	ug/kg	70-130	30	70-130	30	30			
Bromodichloromethane	75-27-4	0.5	0.109	ug/kg	70-130	30	70-130	30	30			
trans-1,3-Dichloropropene	10061-02-6	1	0.273	ug/kg	70-130	30	70-130	30	30			
cis-1,3-Dichloropropene	10061-01-5	0.5	0.158	ug/kg	70-130	30	70-130	30	30			
1,3-Dichloropropene, Total	542-75-6	0.5	0.158	ug/kg				30	30			
1,3-Dichloropropene, Total	542-75-6	0.5	0.158	ug/kg				30	30			
1,1-Dichloropropene	563-58-6	0.5	0.159	ug/kg	70-130	30	70-130	30	30			
Bromoform	75-25-2	4	0.246	ug/kg	70-130	30	70-130	30	30			
1,1,2,2-Tetrachloroethane	79-34-5	0.5	0.166	ug/kg	70-130	30	70-130	30	30			
Benzene	71-43-2	0.5	0.166	ug/kg	70-130	30	70-130	30	30			
Toluene	108-88-3	1	0.543	ug/kg	70-130	30	70-130	30	30			
Ethylbenzene	100-41-4	1	0.141	ug/kg	70-130	30	70-130	30	30			
Chloromethane	74-87-3	4	0.932	ug/kg	52-130	30	52-130	30	30			
Bromomethane	74-83-9	2	0.581	ug/kg	57-147	30	57-147	30	30			
Vinyl chloride	75-01-4	1	0.335	ug/kg	67-130	30	67-130	30	30			
Chloroethane	75-00-3	2	0.452	ug/kg	50-151	30	50-151	30	30			
1,1-Dichloroethene	75-35-4	1	0.238	ug/kg	65-135	30	65-135	30	30			
trans-1,2-Dichloroethene	156-60-5	1.5	0.137	ug/kg	70-130	30	70-130	30	30			
Trichloroethene	79-01-6	0.5	0.137	ug/kg	70-130	30	70-130	30	30			
1,2-Dichlorobenzene	95-50-1	2	0.144	ug/kg	70-130	30	70-130	30	30			
1,3-Dichlorobenzene	541-73-1	2	0.148	ug/kg	70-130	30	70-130	30	30			
1,4-Dichlorobenzene	106-46-7	2	0.171	ug/kg	70-130	30	70-130	30	30			
Methyl tert butyl ether	1634-04-4	2	0.201	ug/kg	66-130	30	66-130	30	30			
p/m-Xylene	179601-23-1	2	0.560	ug/kg	70-130	30	70-130	30	30			
o-Xylene	95-47-6	1	0.291	ug/kg	70-130	30	70-130	30	30			
Xylene (Total)	1330-20-7	1	0.291	ug/kg				30	30			
Xylene (Total)	1330-20-7	1	0.291	ug/kg				30	30			
cis-1,2-Dichloroethene	156-59-2	1	0.175	ug/kg	70-130	30	70-130	30	30			
1,2-Dichloroethene (total)	540-59-0	1	0.137	ug/kg				30	30			
1,2-Dichloroethene (total)	540-59-0	1	0.137	ug/kg				30	30			
Dibromomethane	74-95-3	2	0.238	ug/kg	70-130	30	70-130	30	30			

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)
Please Note that the information provided in this table is subject to change at anytime at the discretion of Alpha Analytical, Inc.

Volatile Organics - EPA 8260C (SOIL-LOW)

Holding Time: 14 days
Container / Sample Preservation: 1 - Vial Large Septa unpreserved (4oz)

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
1,4-Dichlorobutane	110-56-5	10	0.226	ug/kg	70-130	30	70-130	30	30			
1,2,3-Trichloropropane	96-18-4	2	0.127	ug/kg	68-130	30	68-130	30	30			
Styrene	100-42-5	1	0.196	ug/kg	70-130	30	70-130	30	30			
Dichlorodifluoromethane	75-71-8	10	0.915	ug/kg	30-146	30	30-146	30	30			
Acetone	67-64-1	10	4.81	ug/kg	54-140	30	54-140	30	30			
Carbon disulfide	75-15-0	10	4.55	ug/kg	59-130	30	59-130	30	30			
2-Butanone	78-93-3	10	2.22	ug/kg	70-130	30	70-130	30	30			
Vinyl acetate	108-05-4	10	2.15	ug/kg	70-130	30	70-130	30	30			
4-Methyl-2-pentanone	108-10-1	10	1.28	ug/kg	70-130	30	70-130	30	30			
2-Hexanone	591-78-6	10	1.18	ug/kg	70-130	30	70-130	30	30			
Ethyl methacrylate	97-63-2	10	1.58	ug/kg	70-130	30	70-130	30	30			
Acrylonitrile	107-13-1	4	1.15	ug/kg	70-130	30	70-130	30	30			
Bromochloromethane	74-97-5	2	0.205	ug/kg	70-130	30	70-130	30	30			
Tetrahydrofuran	109-99-9	4	1.59	ug/kg	66-130	30	66-130	30	30			
2,2-Dichloropropane	594-20-7	2	0.202	ug/kg	70-130	30	70-130	30	30			
1,2-Dibromoethane	106-93-4	1	0.279	ug/kg	70-130	30	70-130	30	30			
1,3-Dichloropropane	142-28-9	2	0.167	ug/kg	69-130	30	69-130	30	30			
1,1,1,2-Tetrachloroethane	630-20-6	0.5	0.132	ug/kg	70-130	30	70-130	30	30			
Bromobenzene	108-86-1	2	0.145	ug/kg	70-130	30	70-130	30	30			
n-Butylbenzene	104-51-8	1	0.167	ug/kg	70-130	30	70-130	30	30			
sec-Butylbenzene	135-98-8	1	0.146	ug/kg	70-130	30	70-130	30	30			
tert-Butylbenzene	98-06-6	2	0.118	ug/kg	70-130	30	70-130	30	30			
1,3,5-Trichlorobenzene	108-70-3	2	0.173	ug/kg	70-139	30	70-130	30	30			
o-Chlorotoluene	95-49-8	2	0.191	ug/kg	70-130	30	70-130	30	30			
p-Chlorotoluene	106-43-4	2	0.108	ug/kg	70-130	30	70-130	30	30			
1,2-Dibromo-3-chloropropane	96-12-8	3	0.998	ug/kg	68-130	30	68-130	30	30			
Hexachlorobutadiene	87-68-3	4	0.169	ug/kg	67-130	30	67-130	30	30			
Isopropylbenzene	98-82-8	1	0.109	ug/kg	70-130	30	70-130	30	30			
p-Isopropyltoluene	99-87-6	1	0.109	ug/kg	70-130	30	70-130	30	30			
Naphthalene	91-20-3	4	0.650	ug/kg	70-130	30	70-130	30	30			
n-Propylbenzene	103-65-1	1	0.171	ug/kg	70-130	30	70-130	30	30			
1,2,3-Trichlorobenzene	87-61-6	2	0.322	ug/kg	70-130	30	70-130	30	30			
1,2,4-Trichlorobenzene	120-82-1	2	0.272	ug/kg	70-130	30	70-130	30	30			
1,3,5-Trimethylbenzene	108-67-8	2	0.193	ug/kg	70-130	30	70-130	30	30			
1,2,4-Trimethylbenzene	95-63-6	2	0.334	ug/kg	70-130	30	70-130	30	30			
trans-1,4-Dichloro-2-butene	110-57-6	5	1.42	ug/kg	70-130	30	70-130	30	30			
iso-Propyl Alcohol	67-63-0	100	100	ug/kg	70-130	20	70-130	20	20			
Ethyl ether	60-29-7	2	0.341	ug/kg	67-130	30	67-130	30	30			
Methyl Acetate	79-20-9	4	0.950	ug/kg	65-130	30	65-130	30	30			
Ethyl Acetate	141-78-6	10	1.21	ug/kg	70-130	30	70-130	30	30			
Isopropyl Ether	108-20-3	2	0.213	ug/kg	66-130	30	66-130	30	30			
Cyclohexane	110-82-7	10	0.544	ug/kg	70-130	30	70-130	30	30			

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)
Please Note that the information provided in this table is subject to change at anytime at the discretion of Alpha Analytical, Inc.

Volatile Organics - EPA 8260C (SOIL-LOW)

Holding Time: 14 days
Container/Sample Preservation: 1 - Vial Large Septa unpreserved (4oz)

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Ethyl-Tert-Butyl-Ether	637-92-3	2	0.128	ug/kg	70-130	30	70-130	30	30			
Tertiary-Amyl Methyl Ether	994-05-8	2	0.176	ug/kg	70-130	30	70-130	30	30			
1,4-Dioxane	123-91-1	100	35.1	ug/kg	65-136	30	65-136	30	30			
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	4	0.693	ug/kg	70-130	30	70-130	30	30			
1,2-Dichloroethane-d4	*17060-07-0*									*70-130*		
Toluene-d8	*2037-26-5*									*70-130*		
4-Bromofluorobenzene	*460-00-4*									*70-130*		
Dibromofluoromethane	*1868-53-7*									*70-130*		

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)
Please Note that the information provided in this table is subject to change at anytime at the discretion of Alpha Analytical, Inc.

Date Created: 06/19/18
Created By: Jason Hebert
File: PM5048-1
Page: 1

Volatile Organics - EPA 8260C (SOIL-HIGH)

Holding Time: 14 days
Container/Sample Preservation: 1 - Vial Large Septa unpreserved (4oz)

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Methylene chloride	75-09-2	250	115	ug/kg	70-130	30	70-130	30	30			
1,1-Dichloroethane	75-34-3	50	7.25	ug/kg	70-130	30	70-130	30	30			
Chloroform	67-66-3	75	7.00	ug/kg	70-130	30	70-130	30	30			
Carbon tetrachloride	56-23-5	50	11.5	ug/kg	70-130	30	70-130	30	30			
1,2-Dichloropropane	78-87-5	50	6.25	ug/kg	70-130	30	70-130	30	30			
Dibromochloromethane	124-48-1	50	7.00	ug/kg	70-130	30	70-130	30	30			
1,1,2-Trichloroethane	79-00-5	50	13.4	ug/kg	70-130	30	70-130	30	30			
Tetrachloroethene	127-18-4	25	9.80	ug/kg	70-130	30	70-130	30	30			
Chlorobenzene	108-90-7	25	6.35	ug/kg	70-130	30	70-130	30	30			
Trichlorofluoromethane	75-69-4	200	34.8	ug/kg	70-139	30	70-139	30	30			
1,2-Dichloroethane	107-06-2	50	12.9	ug/kg	70-130	30	70-130	30	30			
1,1,1-Trichloroethane	71-55-6	25	8.35	ug/kg	70-130	30	70-130	30	30			
Bromodichloromethane	75-27-4	25	5.45	ug/kg	70-130	30	70-130	30	30			
trans-1,3-Dichloropropene	10061-02-6	50	13.7	ug/kg	70-130	30	70-130	30	30			
cis-1,3-Dichloropropene	10061-01-5	25	7.90	ug/kg	70-130	30	70-130	30	30			
1,3-Dichloropropene, Total	542-75-6	25	7.90	ug/kg				30	30			
1,3-Dichloropropene, Total	542-75-6	25	7.90	ug/kg				30	30			
1,1-Dichloropropene	563-58-6	25	7.95	ug/kg	70-130	30	70-130	30	30			
Bromoform	75-25-2	200	12.3	ug/kg	70-130	30	70-130	30	30			
1,1,2,2-Tetrachloroethane	79-34-5	25	8.30	ug/kg	70-130	30	70-130	30	30			
Benzene	71-43-2	25	8.30	ug/kg	70-130	30	70-130	30	30			
Toluene	108-88-3	50	27.2	ug/kg	70-130	30	70-130	30	30			
Ethylbenzene	100-41-4	50	7.05	ug/kg	70-130	30	70-130	30	30			
Chloromethane	74-87-3	200	46.6	ug/kg	52-130	30	52-130	30	30			
Bromomethane	74-83-9	100	29.1	ug/kg	57-147	30	57-147	30	30			
Vinyl chloride	75-01-4	50	16.8	ug/kg	67-130	30	67-130	30	30			
Chloroethane	75-00-3	100	22.6	ug/kg	50-151	30	50-151	30	30			
1,1-Dichloroethene	75-35-4	50	11.9	ug/kg	65-135	30	65-135	30	30			
trans-1,2-Dichloroethene	156-60-5	75	6.85	ug/kg	70-130	30	70-130	30	30			
Trichloroethene	79-01-6	25	6.85	ug/kg	70-130	30	70-130	30	30			
1,2-Dichlorobenzene	95-50-1	100	7.20	ug/kg	70-130	30	70-130	30	30			
1,3-Dichlorobenzene	541-73-1	100	7.40	ug/kg	70-130	30	70-130	30	30			
1,4-Dichlorobenzene	106-46-7	100	8.55	ug/kg	70-130	30	70-130	30	30			
Methyl tert butyl ether	1634-04-4	100	10.1	ug/kg	66-130	30	66-130	30	30			
p/m-Xylene	179601-23-1	100	28.0	ug/kg	70-130	30	70-130	30	30			
o-Xylene	95-47-6	50	14.6	ug/kg	70-130	30	70-130	30	30			
Xylene (Total)	1330-20-7	50	14.6	ug/kg				30	30			
Xylene (Total)	1330-20-7	50	14.6	ug/kg				30	30			
cis-1,2-Dichloroethene	156-59-2	50	8.75	ug/kg	70-130	30	70-130	30	30			
1,2-Dichloroethene (total)	540-59-0	50	6.85	ug/kg				30	30			
1,2-Dichloroethene (total)	540-59-0	50	6.85	ug/kg				30	30			
Dibromomethane	74-95-3	100	11.9	ug/kg	70-130	30	70-130	30	30			

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)
Please Note that the information provided in this table is subject to change at anytime at the discretion of Alpha Analytical, Inc.

Volatile Organics - EPA 8260C (SOIL-HIGH)

Holding Time: 14 days
Container / Sample Preservation: 1 - Vial Large Septa unpreserved (4oz)

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
1,4-Dichlorobutane	110-56-5	500	11.3	ug/kg	70-130	30	70-130	30	30			
1,2,3-Trichloropropane	96-18-4	100	6.35	ug/kg	68-130	30	68-130	30	30			
Styrene	100-42-5	50	9.80	ug/kg	70-130	30	70-130	30	30			
Dichlorodifluoromethane	75-71-8	500	45.8	ug/kg	30-146	30	30-146	30	30			
Acetone	67-64-1	500	241	ug/kg	54-140	30	54-140	30	30			
Carbon disulfide	75-15-0	500	228	ug/kg	59-130	30	59-130	30	30			
2-Butanone	78-93-3	500	111	ug/kg	70-130	30	70-130	30	30			
Vinyl acetate	108-05-4	500	108	ug/kg	70-130	30	70-130	30	30			
4-Methyl-2-pentanone	108-10-1	500	64.0	ug/kg	70-130	30	70-130	30	30			
2-Hexanone	591-78-6	500	59.0	ug/kg	70-130	30	70-130	30	30			
Ethyl methacrylate	97-63-2	500	79.0	ug/kg	70-130	30	70-130	30	30			
Acrylonitrile	107-13-1	200	57.5	ug/kg	70-130	30	70-130	30	30			
Bromochloromethane	74-97-5	100	10.3	ug/kg	70-130	30	70-130	30	30			
Tetrahydrofuran	109-99-9	200	79.5	ug/kg	66-130	30	66-130	30	30			
2,2-Dichloropropane	594-20-7	100	10.1	ug/kg	70-130	30	70-130	30	30			
1,2-Dibromoethane	106-93-4	50	14.0	ug/kg	70-130	30	70-130	30	30			
1,3-Dichloropropane	142-28-9	100	8.35	ug/kg	69-130	30	69-130	30	30			
1,1,1,2-Tetrachloroethane	630-20-6	25	6.60	ug/kg	70-130	30	70-130	30	30			
Bromobenzene	108-86-1	100	7.25	ug/kg	70-130	30	70-130	30	30			
n-Butylbenzene	104-51-8	50	8.35	ug/kg	70-130	30	70-130	30	30			
sec-Butylbenzene	135-98-8	50	7.30	ug/kg	70-130	30	70-130	30	30			
tert-Butylbenzene	98-06-6	100	5.90	ug/kg	70-130	30	70-130	30	30			
1,3,5-Trichlorobenzene	108-70-3	100	8.65	ug/kg	70-139	30	70-130	30	30			
o-Chlorotoluene	95-49-8	100	9.55	ug/kg	70-130	30	70-130	30	30			
p-Chlorotoluene	106-43-4	100	5.40	ug/kg	70-130	30	70-130	30	30			
1,2-Dibromo-3-chloropropane	96-12-8	150	49.9	ug/kg	68-130	30	68-130	30	30			
Hexachlorobutadiene	87-68-3	200	8.45	ug/kg	67-130	30	67-130	30	30			
Isopropylbenzene	98-82-8	50	5.45	ug/kg	70-130	30	70-130	30	30			
p-Isopropyltoluene	99-87-6	50	5.45	ug/kg	70-130	30	70-130	30	30			
Naphthalene	91-20-3	200	32.5	ug/kg	70-130	30	70-130	30	30			
n-Propylbenzene	103-65-1	50	8.55	ug/kg	70-130	30	70-130	30	30			
1,2,3-Trichlorobenzene	87-61-6	100	16.1	ug/kg	70-130	30	70-130	30	30			
1,2,4-Trichlorobenzene	120-82-1	100	13.6	ug/kg	70-130	30	70-130	30	30			
1,3,5-Trimethylbenzene	108-67-8	100	9.65	ug/kg	70-130	30	70-130	30	30			
1,2,4-Trimethylbenzene	95-63-6	100	16.7	ug/kg	70-130	30	70-130	30	30			
trans-1,4-Dichloro-2-butene	110-57-6	250	71.0	ug/kg	70-130	30	70-130	30	30			
iso-Propyl Alcohol	67-63-0	5000	5000	ug/kg	70-130	20	70-130	20	20			
Ethyl ether	60-29-7	100	17.1	ug/kg	67-130	30	67-130	30	30			
Methyl Acetate	79-20-9	200	47.5	ug/kg	65-130	30	65-130	30	30			
Ethyl Acetate	141-78-6	500	60.5	ug/kg	70-130	30	70-130	30	30			
Isopropyl Ether	108-20-3	100	10.7	ug/kg	66-130	30	66-130	30	30			
Cyclohexane	110-82-7	500	27.2	ug/kg	70-130	30	70-130	30	30			

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)
Please Note that the information provided in this table is subject to change at anytime at the discretion of Alpha Analytical, Inc.

Volatile Organics - EPA 8260C (SOIL-HIGH)

Holding Time: 14 days
Container / Sample Preservation: 1 - Vial Large Septa unpreserved (4oz)

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Ethyl-Tert-Butyl-Ether	637-92-3	100	6.40	ug/kg	70-130	30	70-130	30	30			
Tertiary-Amyl Methyl Ether	994-05-8	100	8.80	ug/kg	70-130	30	70-130	30	30			
1,4-Dioxane	123-91-1	5000	1755	ug/kg	65-136	30	65-136	30	30			
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	200	34.7	ug/kg	70-130	30	70-130	30	30			
1,2-Dichloroethane-d4	*17060-07-0*									*70-130*		
Toluene-d8	*2037-26-5*									*70-130*		
4-Bromofluorobenzene	*460-00-4*									*70-130*		
Dibromofluoromethane	*1868-53-7*									*70-130*		

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)
Please Note that the information provided in this table is subject to change at anytime at the discretion of Alpha Analytical, Inc.

Volatiles Sample Data

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-01	**Date Collected**	: 09/08/21 12:00
Client ID	: MW-201	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 15:55
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: V01210911A17	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-01	**Date Collected**	: 09/08/21 12:00
Client ID	: MW-201	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 15:55
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: V01210911A17	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-01	**Date Collected**	: 09/08/21 12:00
Client ID	: MW-201	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 15:55
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: V01210911A17	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-01	**Date Collected**	: 09/08/21 12:00
Client ID	: MW-201	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 15:55
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: V01210911A17	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-01	**Date Collected**	: 09/08/21 12:00
Client ID	: MW-201	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 15:55
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: V01210911A17	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-02	**Date Collected**	: 09/08/21 12:45
Client ID	: MW-203	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 15:32
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: V01210911A16	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-02	**Date Collected**	: 09/08/21 12:45
Client ID	: MW-203	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 15:32
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: V01210911A16	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-02	**Date Collected**	: 09/08/21 12:45
Client ID	: MW-203	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 15:32
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: V01210911A16	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	0.58	2.0	0.54	J
60-29-7	Ethyl ether	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-02	**Date Collected**	: 09/08/21 12:45
Client ID	: MW-203	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 15:32
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: V01210911A16	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-02	**Date Collected**	: 09/08/21 12:45
Client ID	: MW-203	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 15:32
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: V01210911A16	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 2 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown Aromatic	13.89	1.05	J
	Total TIC Compounds		1.05J	J

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-03	**Date Collected**	: 09/08/21 10:30
Client ID	: MW-210	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 15:09
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: V01210911A15	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-03	**Date Collected**	: 09/08/21 10:30
Client ID	: MW-210	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 15:09
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: V01210911A15	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-03	**Date Collected**	: 09/08/21 10:30
Client ID	: MW-210	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 15:09
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: V01210911A15	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-03	**Date Collected**	: 09/08/21 10:30
Client ID	: MW-210	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 15:09
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: V01210911A15	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-03	**Date Collected**	: 09/08/21 10:30
Client ID	: MW-210	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 15:09
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: V01210911A15	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-04	**Date Collected**	: 09/08/21 00:00
Client ID	: DUP	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 14:46
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: V01210911A14	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-04	**Date Collected**	: 09/08/21 00:00
Client ID	: DUP	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 14:46
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: V01210911A14	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-04	**Date Collected**	: 09/08/21 00:00
Client ID	: DUP	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 14:46
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: V01210911A14	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-04	**Date Collected**	: 09/08/21 00:00
Client ID	: DUP	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 14:46
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: V01210911A14	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-04	**Date Collected**	: 09/08/21 00:00
Client ID	: DUP	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 14:46
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: V01210911A14	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-05	**Date Collected**	: 09/08/21 13:30
Client ID	: MW-213	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 14:23
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: V01210911A13	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	48	2.5	0.70	
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-05	**Date Collected**	: 09/08/21 13:30
Client ID	: MW-213	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 14:23
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: V01210911A13	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	41	5.0	1.0	
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-05	**Date Collected**	: 09/08/21 13:30
Client ID	: MW-213	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 14:23
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: V01210911A13	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-05	**Date Collected**	: 09/08/21 13:30
Client ID	: MW-213	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 14:23
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: V01210911A13	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-05	**Date Collected**	: 09/08/21 13:30
Client ID	: MW-213	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 14:23
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: V01210911A13	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 2 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000075-43-4	Fluorodichloromethane	2.72	23.8	NJ
	Total TIC Compounds		23.8J	J

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-06	**Date Collected**	: 09/08/21 11:50
Client ID	: MW-216	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 14:00
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: V01210911A12	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	5.3	2.5	0.70	
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-06	**Date Collected**	: 09/08/21 11:50
Client ID	: MW-216	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 14:00
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: V01210911A12	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	3.6	5.0	1.0	J
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-06	**Date Collected**	: 09/08/21 11:50
Client ID	: MW-216	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 14:00
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: V01210911A12	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-06	**Date Collected**	: 09/08/21 11:50
Client ID	: MW-216	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 14:00
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: V01210911A12	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-06	**Date Collected**	: 09/08/21 11:50
Client ID	: MW-216	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 14:00
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: V01210911A12	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 2 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000075-43-4	Fluorodichloromethane	2.72	4.86	NJ
	Total TIC Compounds		4.86J	J

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-07	**Date Collected**	: 09/08/21 10:45
Client ID	: MW-217	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 13:37
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: V01210911A11	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	55	2.5	0.70	
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-07	**Date Collected**	: 09/08/21 10:45
Client ID	: MW-217	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 13:37
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: V01210911A11	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-07	**Date Collected**	: 09/08/21 10:45
Client ID	: MW-217	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 13:37
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: V01210911A11	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-07	**Date Collected**	: 09/08/21 10:45
Client ID	: MW-217	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 13:37
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: V01210911A11	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-07	**Date Collected**	: 09/08/21 10:45
Client ID	: MW-217	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 13:37
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: V01210911A11	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-08	**Date Collected**	: 09/08/21 13:00
Client ID	: FB	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 13:14
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: V01210911A10	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-08	**Date Collected**	: 09/08/21 13:00
Client ID	: FB	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 13:14
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: V01210911A10	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-08	**Date Collected**	: 09/08/21 13:00
Client ID	: FB	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 13:14
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: V01210911A10	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-08	**Date Collected**	: 09/08/21 13:00
Client ID	: FB	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 13:14
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: V01210911A10	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-08	**Date Collected**	: 09/08/21 13:00
Client ID	: FB	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 13:14
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: V01210911A10	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-09	**Date Collected**	: 09/07/21 00:00
Client ID	: TB	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 12:51
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: V01210911A09	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-09	**Date Collected**	: 09/07/21 00:00
Client ID	: TB	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 12:51
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: V01210911A09	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-09	**Date Collected**	: 09/07/21 00:00
Client ID	: TB	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 12:51
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: V01210911A09	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-09	**Date Collected**	: 09/07/21 00:00
Client ID	: TB	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 12:51
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: V01210911A09	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-09	**Date Collected**	: 09/07/21 00:00
Client ID	: TB	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 12:51
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: V01210911A09	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: WG1545693-5	**Date Collected**	: NA
Client ID	: WG1545693-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 09/11/21 11:42
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: LAC
Lab File ID	: V01210911A06	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: WG1545693-5	**Date Collected**	: NA
Client ID	: WG1545693-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 09/11/21 11:42
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: LAC
Lab File ID	: V01210911A06	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: WG1545693-5	**Date Collected**	: NA
Client ID	: WG1545693-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 09/11/21 11:42
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: LAC
Lab File ID	: V01210911A06	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	0.73	2.5	0.70	J
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: WG1545693-5	**Date Collected**	: NA
Client ID	: WG1545693-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 09/11/21 11:42
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: LAC
Lab File ID	: V01210911A06	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: WG1545693-5	**Date Collected**	: NA
Client ID	: WG1545693-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 09/11/21 11:42
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: LAC
Lab File ID	: V01210911A06	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A09.D
Acq On : 11 Sep 2021 12:51 pm
Operator : VOA101:PD
Sample : L2148182-09,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 13 12:07:58 2021
Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210911A\V01210911A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.257	96	371175	10.000	ug/L	0.00
Standard Area 1 = 384751			Recovery = 96.47%			
59) Chlorobenzene-d5	9.807	117	267802	10.000	ug/L	0.00
Standard Area 1 = 282294			Recovery = 94.87%			
79) 1,4-Dichlorobenzene-d4	12.456	152	113290	10.000	ug/L	0.00
Standard Area 1 = 118126			Recovery = 95.91%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.440	113	90263	10.017	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.17%			
43) 1,2-Dichloroethane-d4	5.973	65	100027	10.153	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.53%			
60) Toluene-d8	7.953	98	357757	10.345	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.45%			
83) 4-Bromofluorobenzene	11.268	95	126129	10.757	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 107.57%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	1.971	50	345	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	0.000		0	N.D. d		
6) Chloroethane	2.387	64	106	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
8) Ethyl ether	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.207	76	1649	N.D.		
15) Methylene chloride	3.731	84	99	N.D.		
17) Acetone	3.770	43	1363M1	0.784	ug/L	
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
25) Acrylonitrile	4.526	53	29	N.D.		
27) Vinyl acetate	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
29) 2,2-Dichloropropane	5.131	77	26	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
32) Chloroform	0.000		0	N.D.		

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A09.D
Acq On : 11 Sep 2021 12:51 pm
Operator : VOA101:PD
Sample : L2148182-09,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 13 12:07:58 2021
Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210911A\V01210911A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	0.000		0		N.D.	
40) 1,1-Dichloropropene	0.000		0		N.D.	
41) Benzene	0.000		0		N.D.	
44) 1,2-Dichloroethane	6.045	62	30		N.D.	
48) Trichloroethene	6.344	95	144		N.D.	
50) Dibromomethane	0.000		0		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	0.000		0		N.D.	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	8.003	92	29		N.D.	
62) 4-Methyl-2-pentanone	0.000		0		N.D.	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D.	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	0.000		0		N.D.	
73) Chlorobenzene	9.835	112	28		N.D.	
74) Ethylbenzene	9.860	91	45		N.D.	
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	10.067	106	240		N.D.	
77) o Xylene	10.591	106	25		N.D.	
78) Styrene	10.647	104	71		N.D.	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	10.951	105	636		N.D.	
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	11.427	91	721		N.D.	
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
88) 4-Ethyltoluene	11.550	105	883		N.D.	
89) 2-Chlorotoluene	11.581	91	62		N.D.	
90) 1,3,5-Trimethylbenzene	11.648	105	193		N.D.	
91) 1,2,3-Trichloropropane	0.000		0		N.D.	
92) trans-1,4-Dichloro-2-b...	0.000		0		N.D.	
93) 4-Chlorotoluene	11.773	91	383		N.D.	
94) tert-Butylbenzene	11.963	119	603		N.D.	

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A09.D
Acq On : 11 Sep 2021 12:51 pm
Operator : VOA101:PD
Sample : L2148182-09,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 13 12:07:58 2021
Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210911A\V01210911A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	12.049	105	373	N.D.		
98) sec-Butylbenzene	12.161	105	542	N.D.		
99) p-Isopropyltoluene	12.303	119	814	N.D.		
100) 1,3-Dichlorobenzene	12.389	146	202	N.D.		
101) 1,4-Dichlorobenzene	12.465	146	518	N.D.		
102) p-Diethylbenzene	12.682	119	692	N.D.		
103) n-Butylbenzene	12.741	91	1081	N.D.		
104) 1,2-Dichlorobenzene	12.903	146	354	N.D.		
105) 1,2,4,5-Tetramethylben...	13.469	119	995	N.D.		
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
108) Hexachlorobutadiene	14.269	225	241	0.106	ug/L #	47
109) 1,2,4-Trichlorobenzene	14.294	180	117	N.D.		
110) Naphthalene	14.587	128	1190M1	0.103	ug/L	
111) 1,2,3-Trichlorobenzene	14.751	180	287M3	0.072	ug/L	

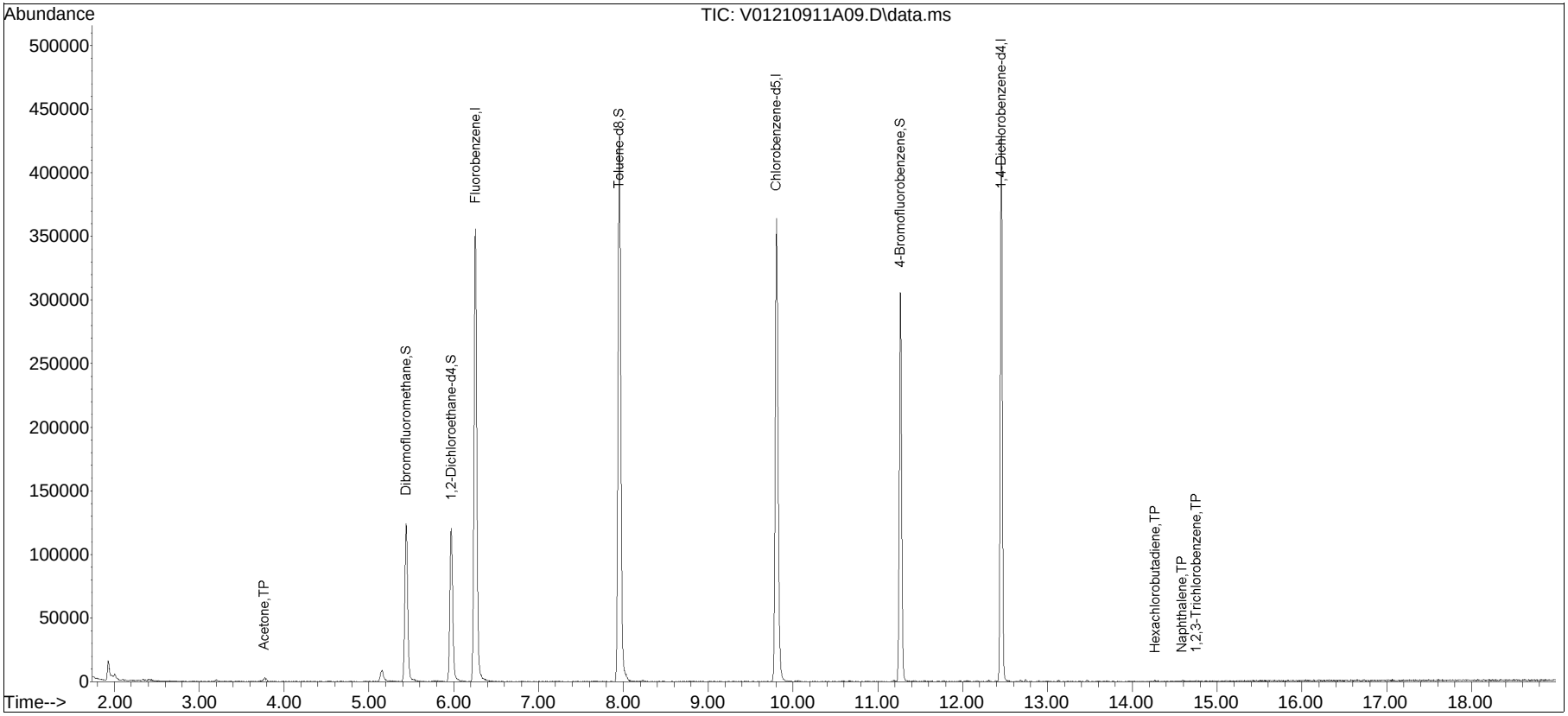
(#) = qualifier out of range (m) = manual integration (+) = signals summed

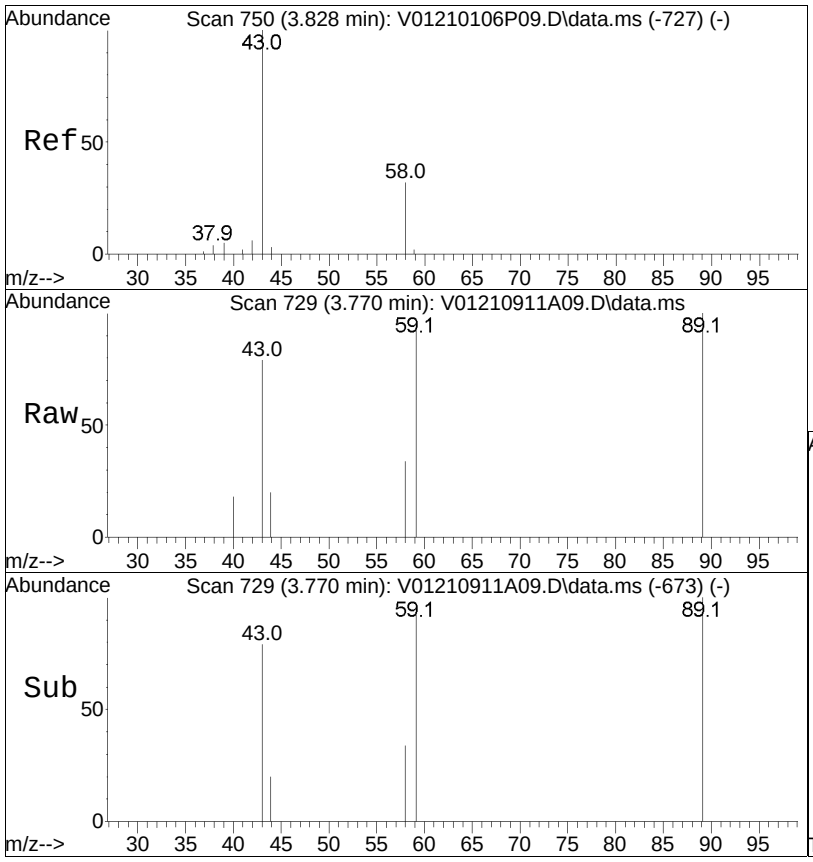
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A09.D
Acq On : 11 Sep 2021 12:51 pm
Operator : VOA101:PD
Sample : L2148182-09,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 13 12:07:58 2021
Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox10911A\V01210911A02.D•

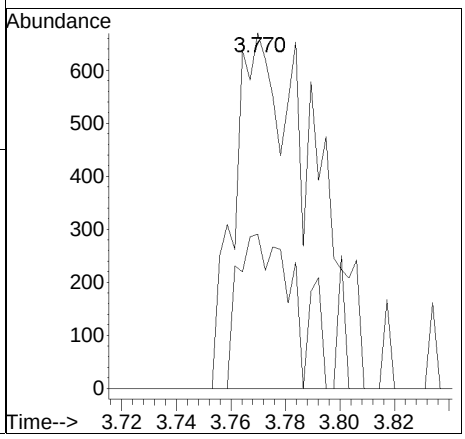


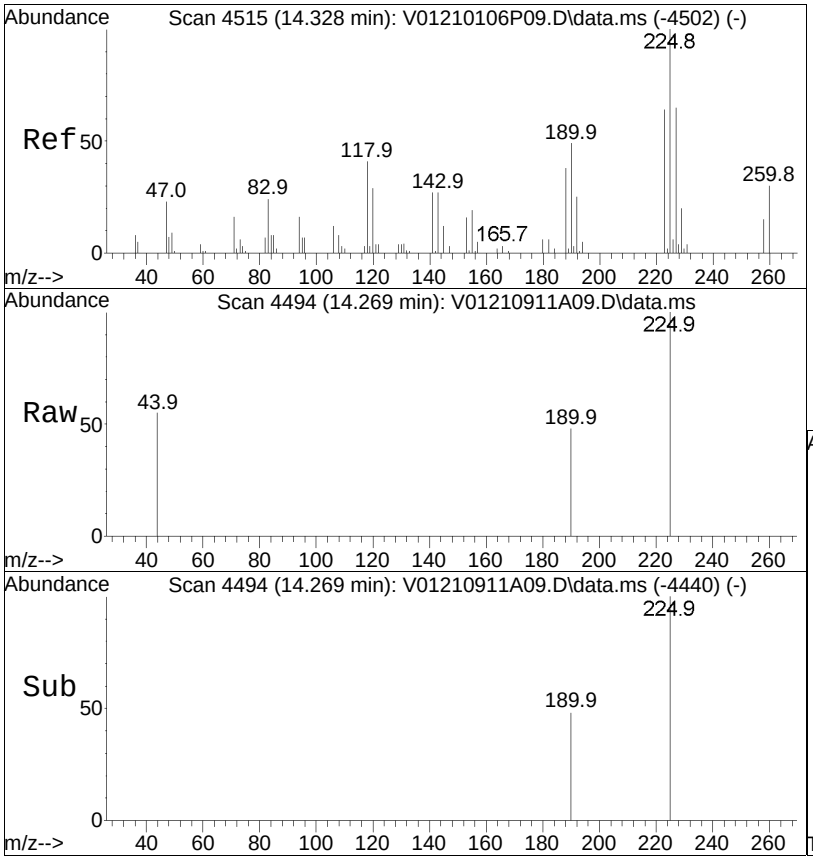


#17
Acetone
Concen: 0.78 ug/L M1
RT: 3.770 min Scan# 729
Delta R.T. 0.006 min
Lab File: V01210911A09.D
Acq: 11 Sep 2021 12:51 pm

Tgt Ion: 43 Resp: 1363

Ion	Ratio	Lower	Upper
43	100		
58	26.7	25.9	38.9

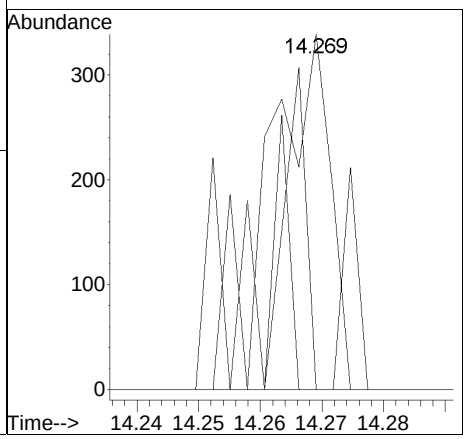


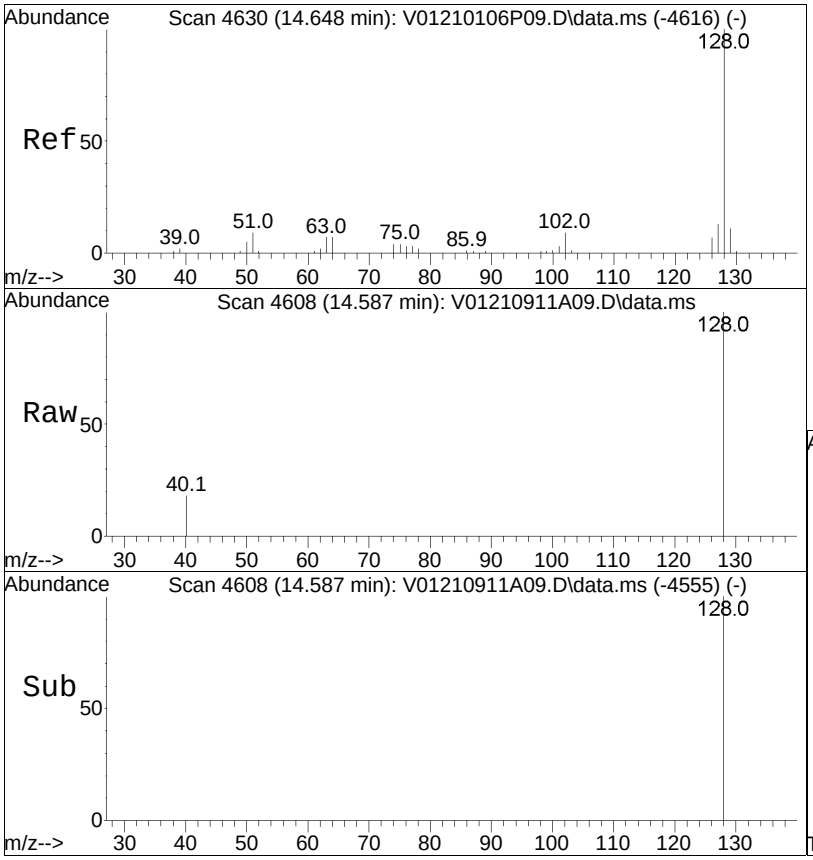


#108
Hexachlorobutadiene
Concen: 0.11 ug/L
RT: 14.269 min Scan# 4494
Delta R.T. 0.000 min
Lab File: V01210911A09.D
Acq: 11 Sep 2021 12:51 pm

Tgt Ion:225 Resp: 241

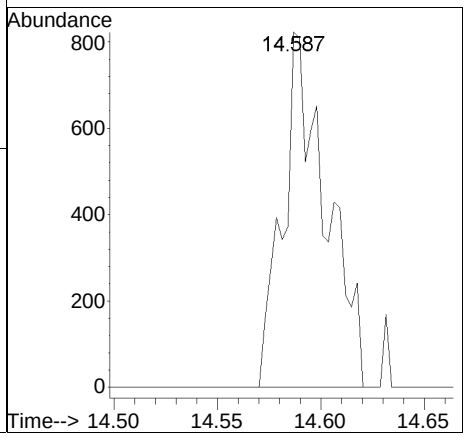
Ion	Ratio	Lower	Upper
225	100		
223	32.0	51.0	76.4#
227	14.5	52.2	78.4#

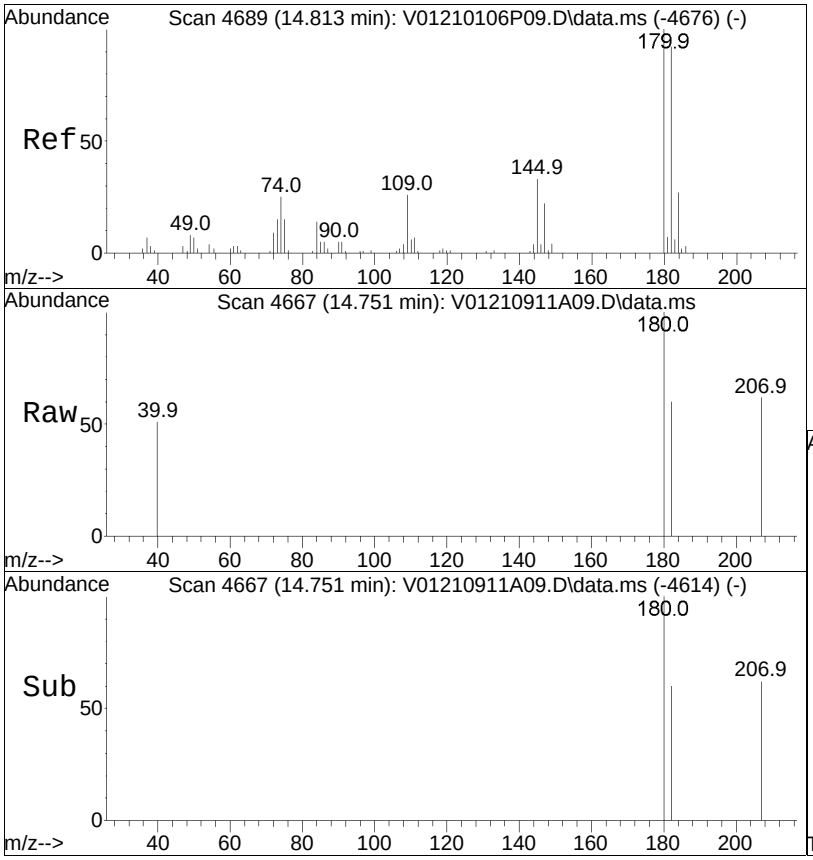




#110
Naphthalene
Concen: 0.10 ug/L M1
RT: 14.587 min Scan# 4608
Delta R.T. -0.000 min
Lab File: V01210911A09.D
Acq: 11 Sep 2021 12:51 pm

Tgt Ion:128 Resp: 1190

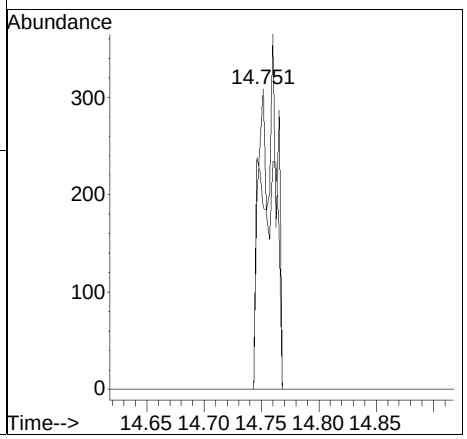




#111
1,2,3-Trichlorobenzene
Concen: 0.07 ug/L M3
RT: 14.751 min Scan# 4667
Delta R.T. -0.003 min
Lab File: V01210911A09.D
Acq: 11 Sep 2021 12:51 pm

Tgt Ion:180 Resp: 287

Ion	Ratio	Lower	Upper
180	100		
182	59.6	75.4	113.0#
145	0.0	25.0	37.6#

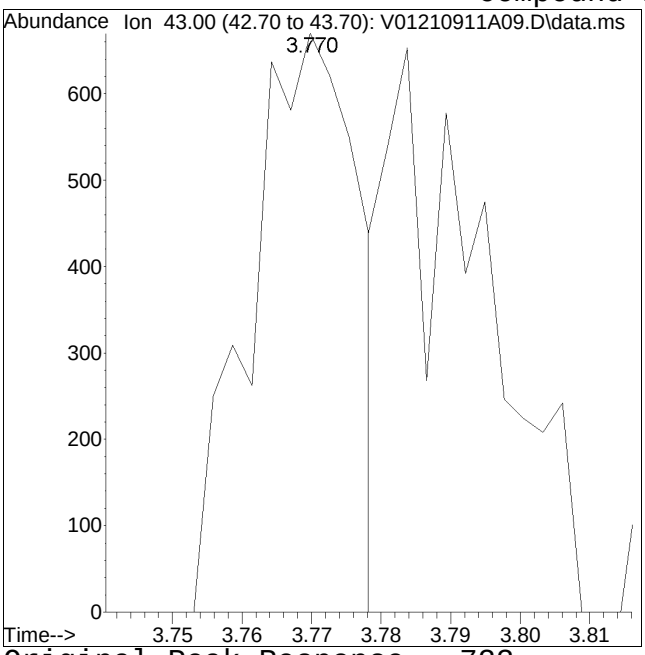


Manual Integration Report

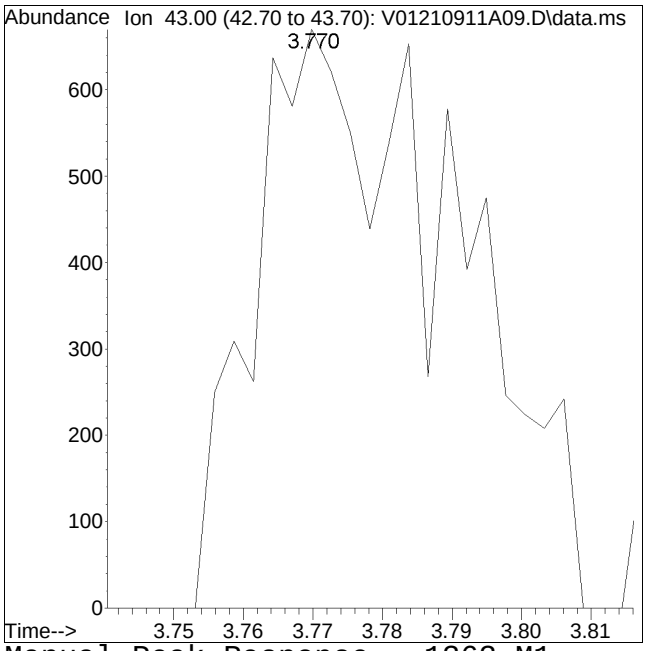
Data Path : I:\VOLATILES\VOA101\2021\2Q
Data File : V01210911A09.D
Date Inj'd : 9/11/2021 12:51 pm
Sample : L2148182-09,31,10,10,,A,PR

Method : V101_210824A_8260.m
Operator : VOA101:PD
Instrument : VOA 101
Quant Date : 9/13/2021 12:03 pm

Compound #17: Acetone



Original Peak Response = 723



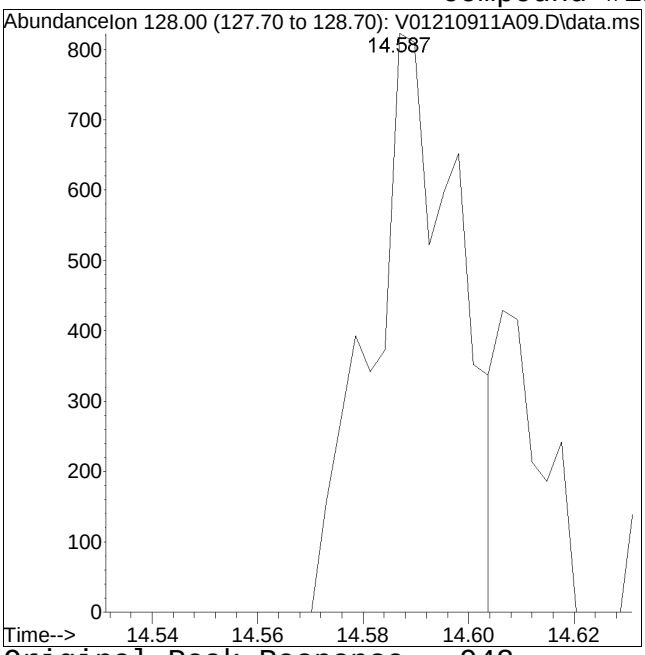
Manual Peak Response = 1363 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

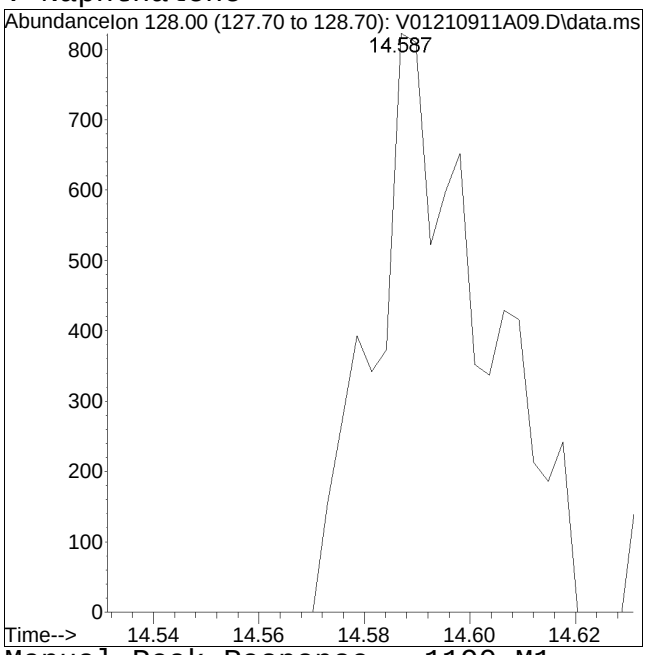
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2021\2QMethod : V101_210824A_8260.m
Data File : V01210911A09.D Operator : VOA101:PD
Date Inj'd : 9/11/2021 12:51 pm Instrument : VOA 101
Sample : L2148182-09,31,10,10,,A,PRQuant Date : 9/13/2021 12:03 pm

Compound #110: Naphthalene



Original Peak Response = 942



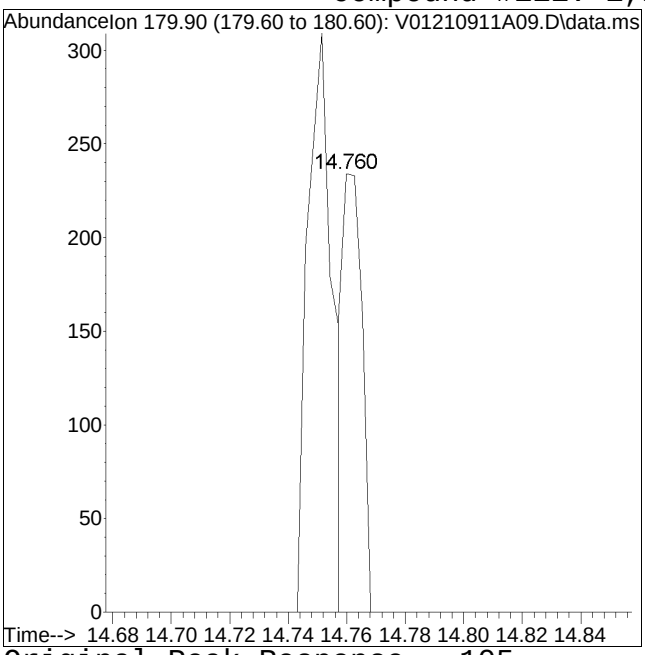
Manual Peak Response = 1190 M1

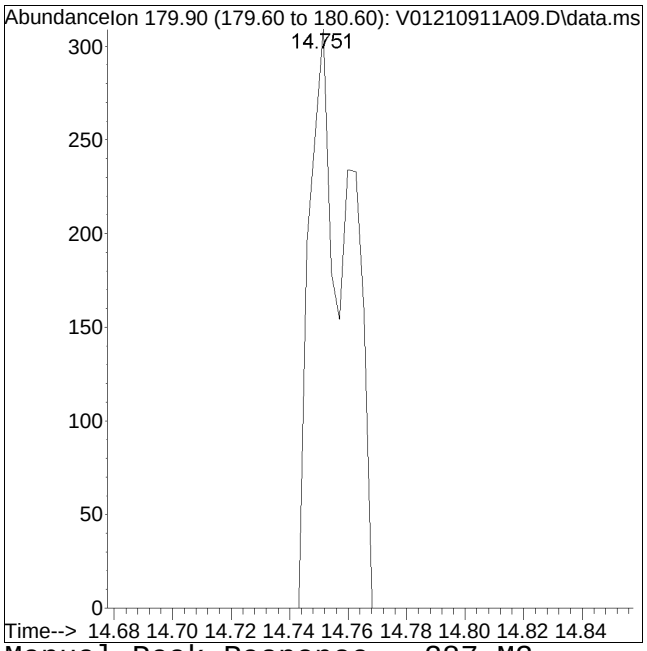
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2021\2QMethod : V101_210824A_8260.m
Data File : V01210911A09.D Operator : VOA101:PD
Date Inj'd : 9/11/2021 12:51 pm Instrument : VOA 101
Sample : L2148182-09,31,10,10,,A,PRQuant Date : 9/13/2021 12:03 pm

Compound #111: 1,2,3-Trichlorobenzene





Original Peak Response = 105 Manual Peak Response = 287 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

LSC Area Percent Report

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A09.D
Acq On : 11 Sep 2021 12:51 pm
Operator : VOA101:PD
Sample : L2148182-09,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 9 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V01210911A09.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.440	1308	1328	1352	rBV3	124303	288147	28.99%	6.390%
2	5.973	1498	1519	1548	rBV2	120405	284285	28.60%	6.305%
3	6.254	1598	1620	1654	rBV	355888	809411	81.43%	17.951%
4	7.956	2210	2230	2268	rBV2	429877	993964	100.00%	22.044%
5	9.807	2874	2894	2924	rBV	364001	834309	83.94%	18.503%
6	11.266	3399	3417	3438	rBV	305958	576392	57.99%	12.783%
7	12.456	3829	3844	3871	rBV2	430110	722578	72.70%	16.025%

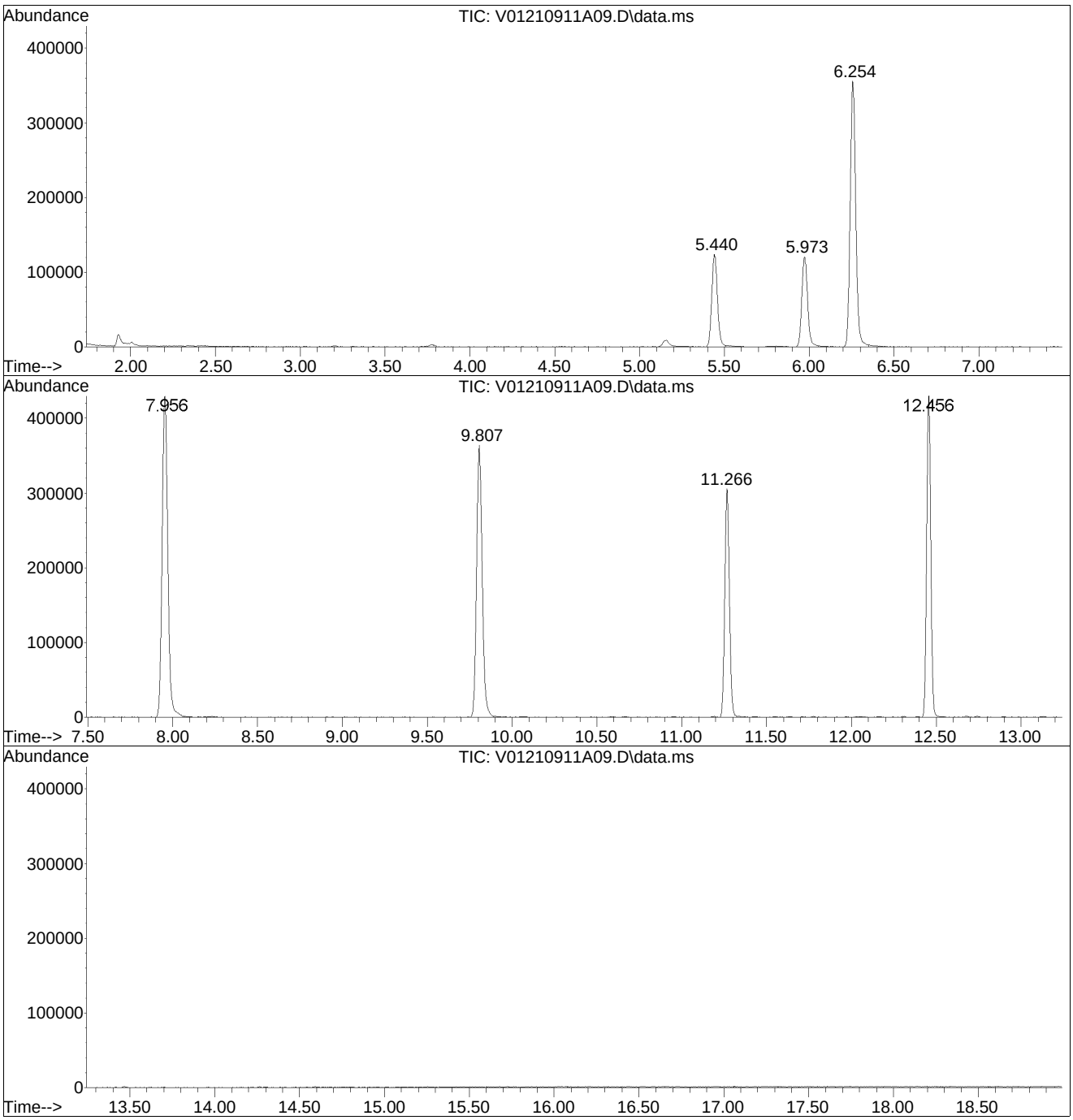
Sum of corrected areas: 4509086

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A09.D
Acq On : 11 Sep 2021 12:51 pm
Operator : VOA101:PD
Sample : L2148182-09,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 9 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A09.D
Acq On : 11 Sep 2021 12:51 pm
Operator : VOA101:PD
Sample : L2148182-09,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 9 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A09.D
Acq On : 11 Sep 2021 12:51 pm
Operator : VOA101:PD
Sample : L2148182-09,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 9 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A10.D
Acq On : 11 Sep 2021 1:14 pm
Operator : VOA101:PD
Sample : L2148182-08,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 13 12:08:24 2021
Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210911A\V01210911A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.260	96	369607	10.000	ug/L	0.00
Standard Area 1 = 384751			Recovery = 96.06%			
59) Chlorobenzene-d5	9.807	117	271301	10.000	ug/L	0.00
Standard Area 1 = 282294			Recovery = 96.11%			
79) 1,4-Dichlorobenzene-d4	12.454	152	117518	10.000	ug/L	0.00
Standard Area 1 = 118126			Recovery = 99.49%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.440	113	92949	10.359	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.59%			
43) 1,2-Dichloroethane-d4	5.970	65	102221	10.420	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.20%			
60) Toluene-d8	7.956	98	356004	10.162	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.62%			
83) 4-Bromofluorobenzene	11.266	95	129576	10.653	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 106.53%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	1.974	50	346	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	2.387	94	149	N.D.		
6) Chloroethane	2.415	64	55	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
8) Ethyl ether	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.212	76	1389	N.D.		
15) Methylene chloride	3.731	84	81	N.D.		
17) Acetone	3.770	43	1847	1.067	ug/L #	82
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
25) Acrylonitrile	0.000		0	N.D.		
27) Vinyl acetate	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
29) 2,2-Dichloropropane	5.142	77	26	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
32) Chloroform	0.000		0	N.D.		

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A10.D
Acq On : 11 Sep 2021 1:14 pm
Operator : VOA101:PD
Sample : L2148182-08,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 13 12:08:24 2021
Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210911A\V01210911A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	5.488	43	27		N.D.	
40) 1,1-Dichloropropene	0.000		0		N.D.	
41) Benzene	5.842	78	59		N.D.	
44) 1,2-Dichloroethane	6.037	62	66		N.D.	
48) Trichloroethene	6.386	95	71		N.D.	
50) Dibromomethane	0.000		0		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	0.000		0		N.D.	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	8.017	92	433		N.D.	
62) 4-Methyl-2-pentanone	0.000		0		N.D.	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D.	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	0.000		0		N.D.	
73) Chlorobenzene	9.832	112	30		N.D.	
74) Ethylbenzene	9.885	91	152		N.D.	
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	10.047	106	29		N.D.	
77) o Xylene	10.588	106	79		N.D.	
78) Styrene	10.644	104	72		N.D.	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	10.945	105	217		N.D.	
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	11.425	91	779		N.D.	
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
88) 4-Ethyltoluene	11.542	105	486		N.D.	
89) 2-Chlorotoluene	11.592	91	340		N.D.	
90) 1,3,5-Trimethylbenzene	11.645	105	387		N.D.	
91) 1,2,3-Trichloropropane	0.000		0		N.D.	
92) trans-1,4-Dichloro-2-b...	0.000		0		N.D.	
93) 4-Chlorotoluene	11.773	91	284		N.D.	
94) tert-Butylbenzene	11.971	119	78		N.D.	

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A10.D
Acq On : 11 Sep 2021 1:14 pm
Operator : VOA101:PD
Sample : L2148182-08,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 13 12:08:24 2021
Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210911A\V01210911A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	12.055	105	531	N.D.		
98) sec-Butylbenzene	12.155	105	450	N.D.		
99) p-Isopropyltoluene	12.306	119	815	N.D.		
100) 1,3-Dichlorobenzene	12.387	146	244	N.D.		
101) 1,4-Dichlorobenzene	12.468	146	273	N.D.		
102) p-Diethylbenzene	12.680	119	416	N.D.		
103) n-Butylbenzene	12.738	91	444	N.D.		
104) 1,2-Dichlorobenzene	12.891	146	141	N.D.		
105) 1,2,4,5-Tetramethylben...	13.469	119	682	N.D.		
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
108) Hexachlorobutadiene	14.258	225	307	0.130	ug/L #	43
109) 1,2,4-Trichlorobenzene	14.294	180	174	N.D.		
110) Naphthalene	14.590	128	917M1	0.077	ug/L	
111) 1,2,3-Trichlorobenzene	14.754	180	216	N.D.		

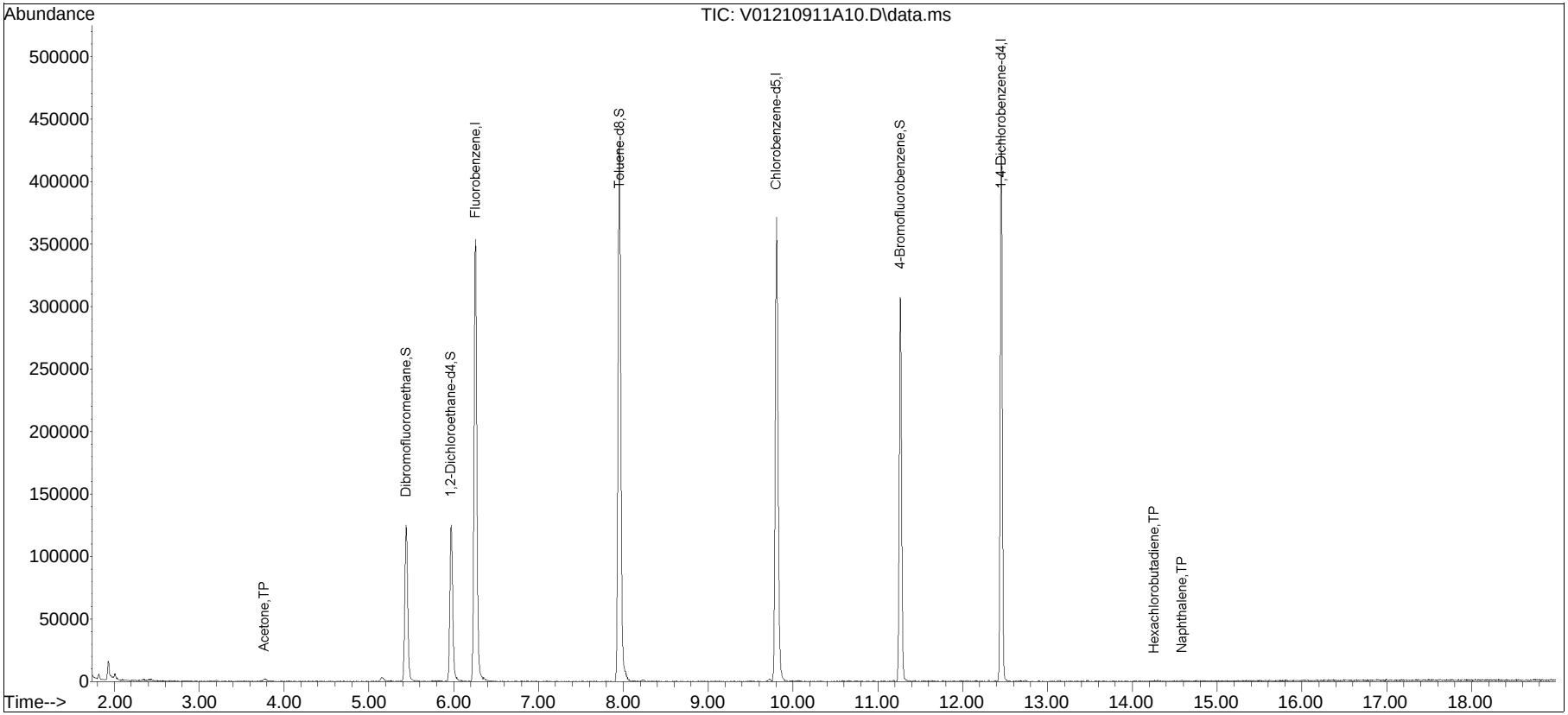
(#) = qualifier out of range (m) = manual integration (+) = signals summed

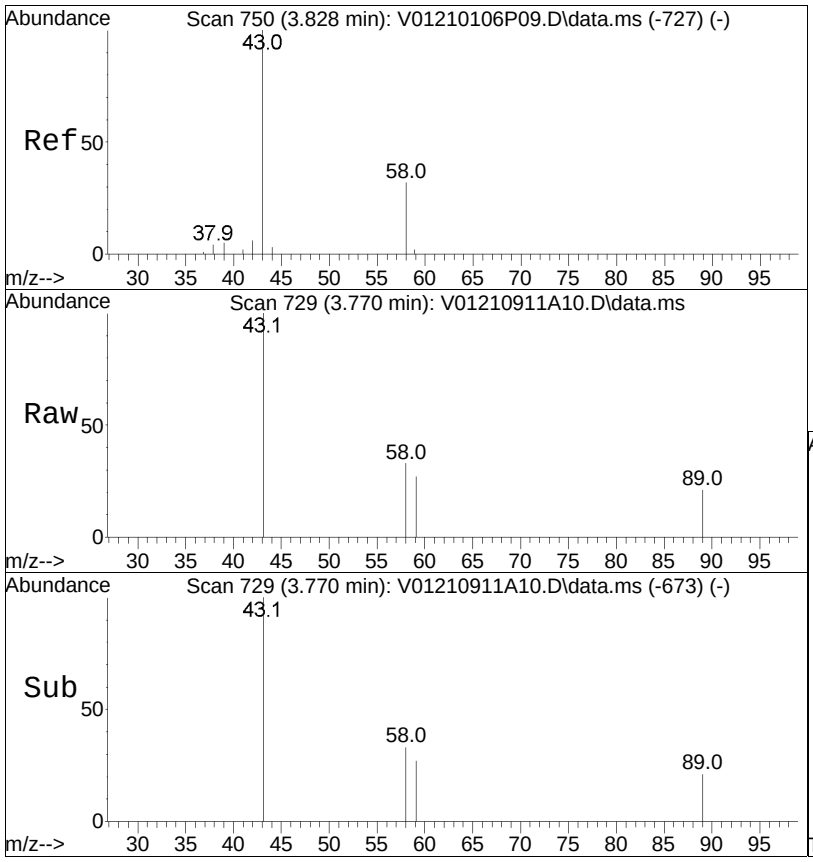
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A10.D
Acq On : 11 Sep 2021 1:14 pm
Operator : VOA101:PD
Sample : L2148182-08,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 13 12:08:24 2021
Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox10911A\V01210911A02.D•

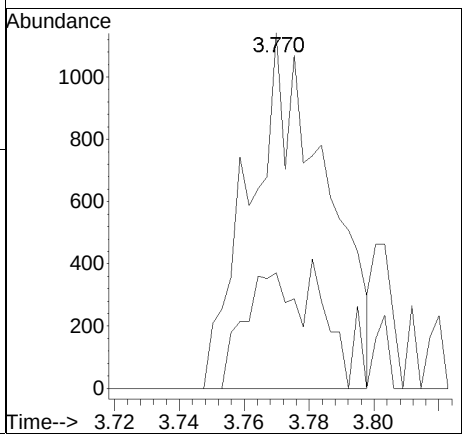


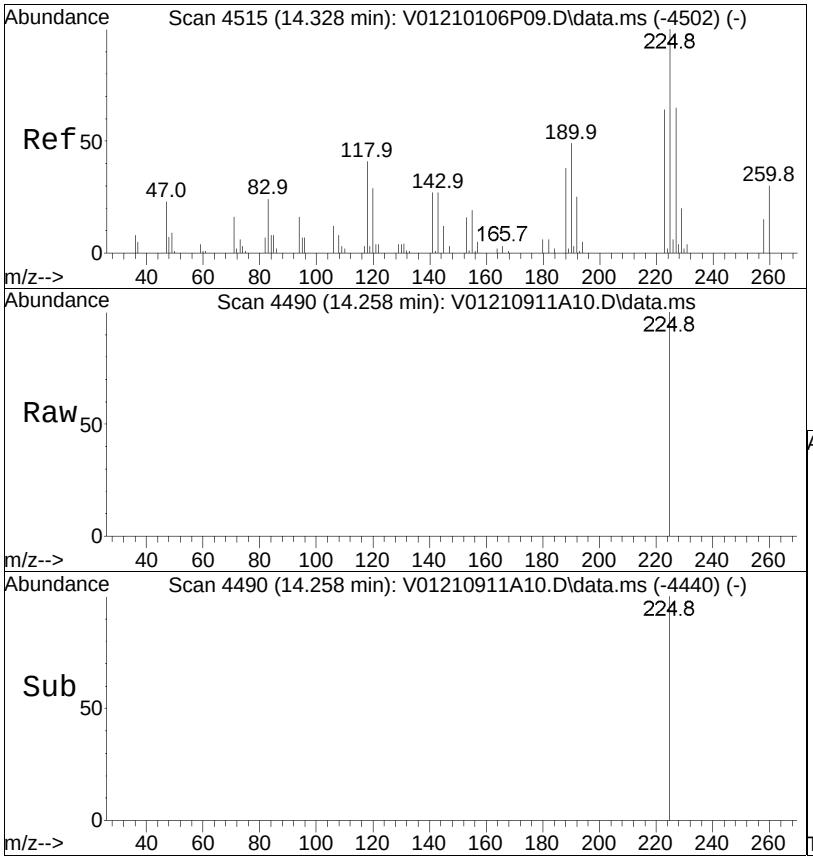


#17
Acetone
Concen: 1.07 ug/L
RT: 3.770 min Scan# 729
Delta R.T. 0.006 min
Lab File: V01210911A10.D
Acq: 11 Sep 2021 1:14 pm

Tgt Ion: 43 Resp: 1847

Ion	Ratio	Lower	Upper
43	100		
58	22.3	25.9	38.9#

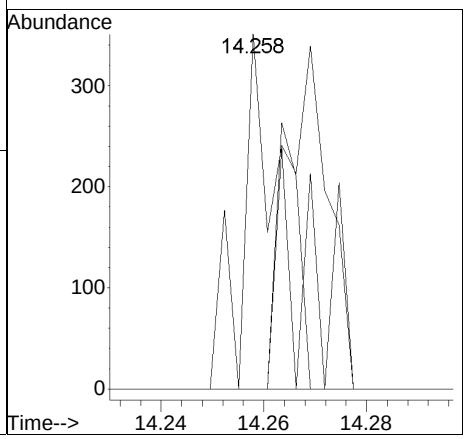


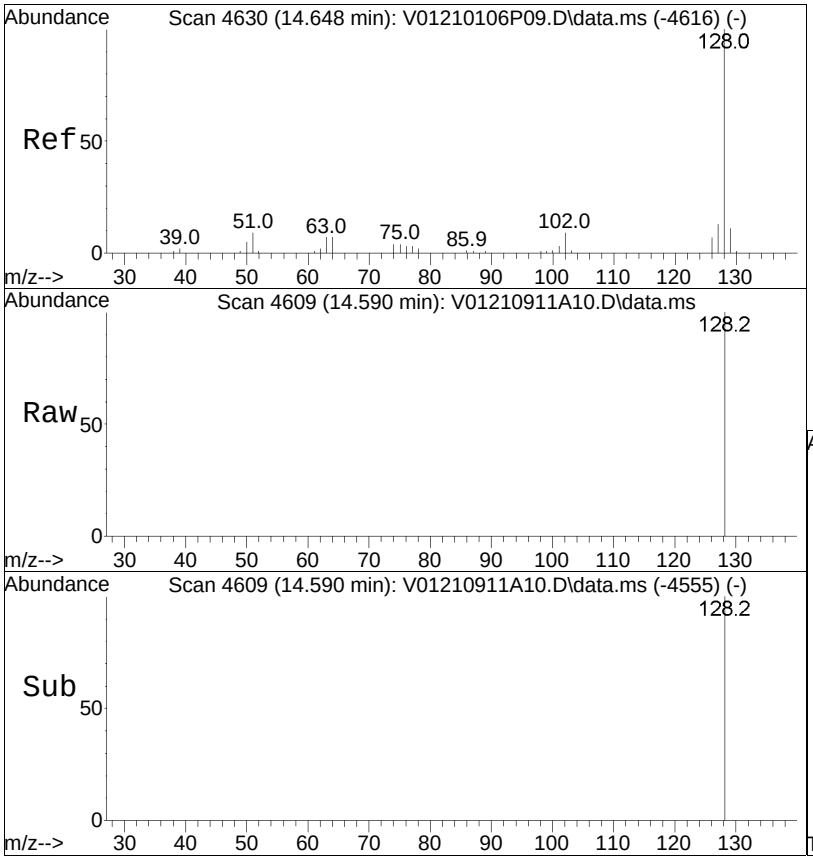


#108
Hexachlorobutadiene
Concen: 0.13 ug/L
RT: 14.258 min Scan# 4490
Delta R.T. -0.011 min
Lab File: V01210911A10.D
Acq: 11 Sep 2021 1:14 pm

Tgt Ion:225 Resp: 307

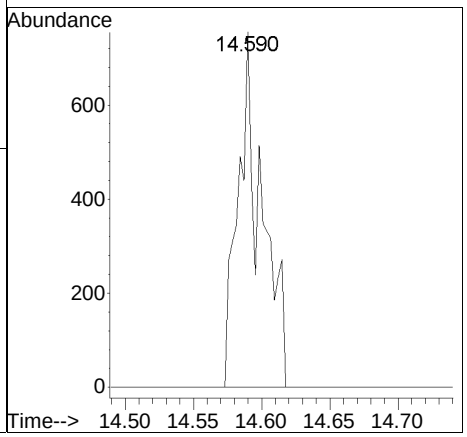
Ion	Ratio	Lower	Upper
225	100		
223	13.0	51.0	76.4#
227	25.7	52.2	78.4#





#110
Naphthalene
Concen: 0.08 ug/L M1
RT: 14.590 min Scan# 4609
Delta R.T. 0.003 min
Lab File: V01210911A10.D
Acq: 11 Sep 2021 1:14 pm

Tgt Ion:128 Resp: 917

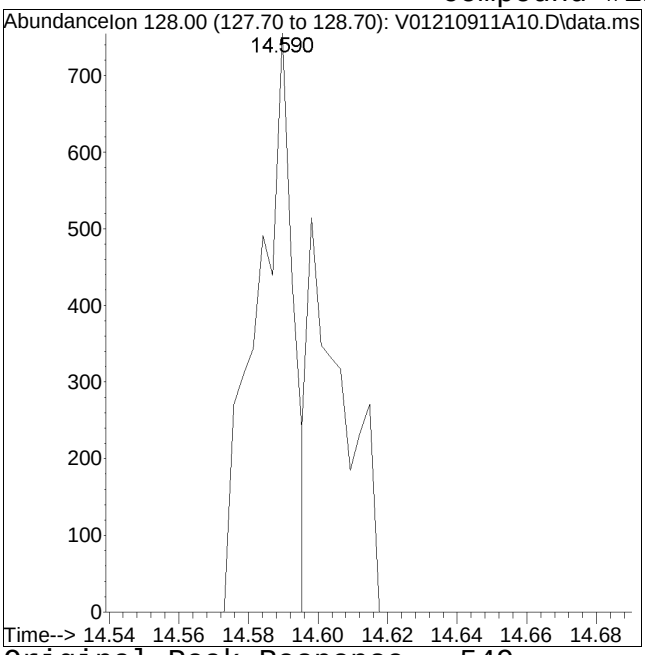


Manual Integration Report

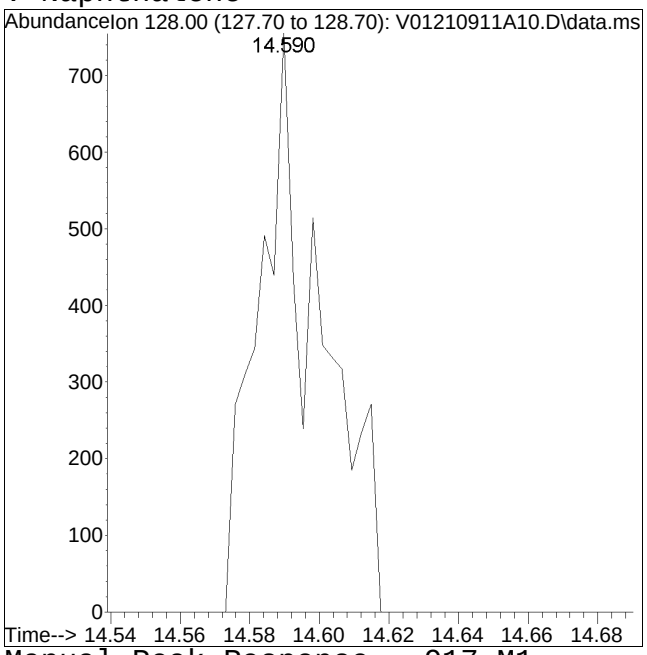
Data Path : I:\VOLATILES\VOA101\2021\2Q
Data File : V01210911A10.D
Date Inj'd : 9/11/2021 1:14 pm
Sample : L2148182-08,31,10,10,,A,PR

Method : V101_210824A_8260.m
Operator : VOA101:PD
Instrument : VOA 101
Quant Date : 9/13/2021 12:04 pm

Compound #110: Naphthalene



Original Peak Response = 549



Manual Peak Response = 917 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

LSC Area Percent Report

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A10.D
Acq On : 11 Sep 2021 1:14 pm
Operator : VOA101:PD
Sample : L2148182-08,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 10 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V01210911A10.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.440	1307	1328	1363	rBV2	125466	294424	29.46%	6.430%
2	5.970	1501	1518	1556	rBV3	125486	294460	29.46%	6.431%
3	6.257	1601	1621	1653	rBV2	353780	813196	81.36%	17.760%
4	7.953	2210	2229	2264	rBV2	430978	999527	100.00%	21.830%
5	9.807	2875	2894	2927	rBV3	370957	845202	84.56%	18.459%
6	11.266	3401	3417	3452	rBV	307613	589950	59.02%	12.885%
7	12.454	3826	3843	3866	rBV	437596	741947	74.23%	16.204%

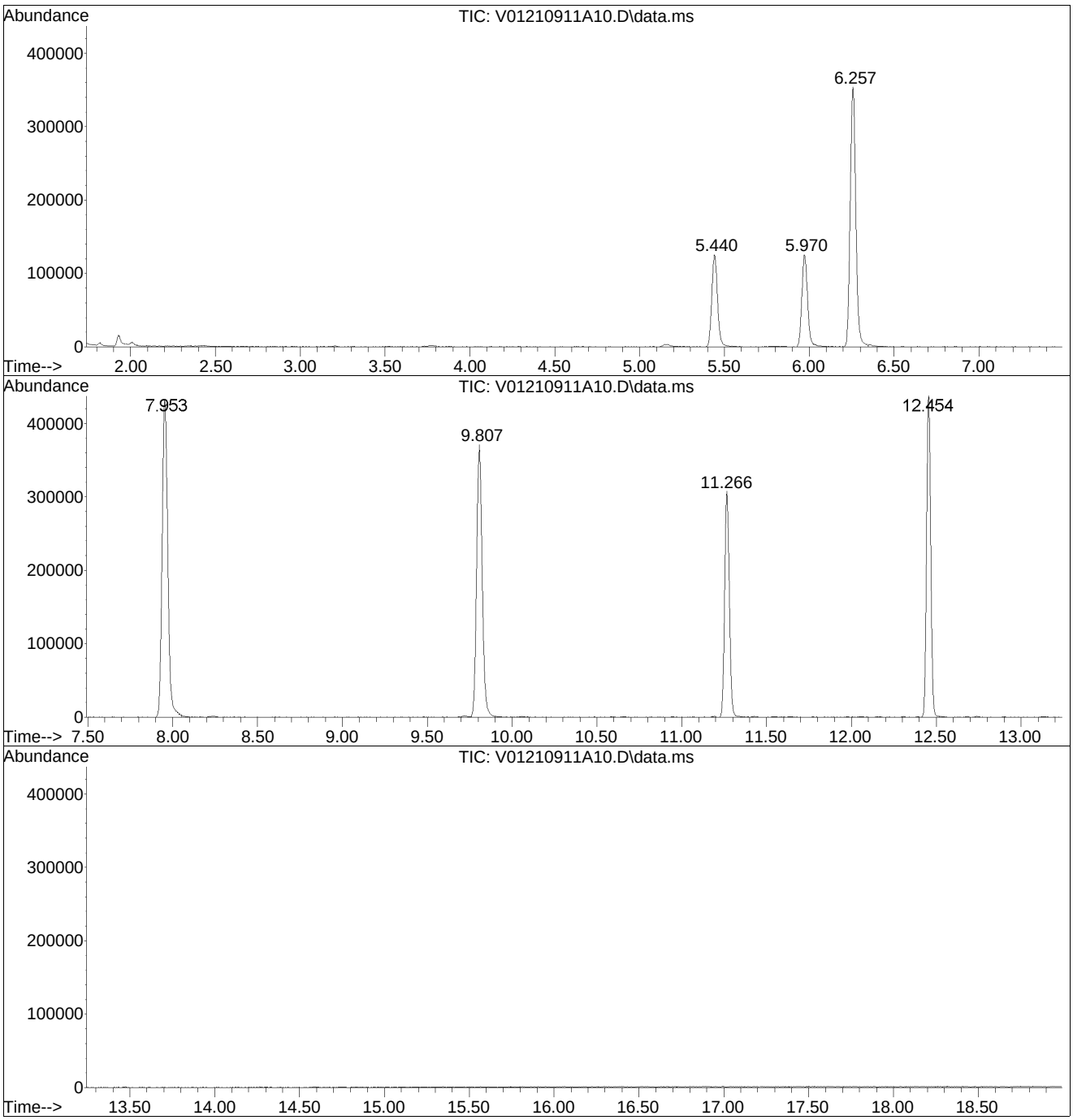
Sum of corrected areas: 4578706

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A10.D
Acq On : 11 Sep 2021 1:14 pm
Operator : VOA101:PD
Sample : L2148182-08,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 10 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A10.D
Acq On : 11 Sep 2021 1:14 pm
Operator : VOA101:PD
Sample : L2148182-08,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 10 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A10.D
Acq On : 11 Sep 2021 1:14 pm
Operator : VOA101:PD
Sample : L2148182-08,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 10 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

						Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A11.D
Acq On : 11 Sep 2021 1:37 pm
Operator : VOA101:PD
Sample : L2148182-07,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 13 12:08:52 2021
Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210911A\V01210911A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.257	96	384168	10.000	ug/L	0.00
Standard Area 1 = 384751			Recovery = 99.85%			
59) Chlorobenzene-d5	9.807	117	283332	10.000	ug/L	0.00
Standard Area 1 = 282294			Recovery = 100.37%			
79) 1,4-Dichlorobenzene-d4	12.456	152	121663	10.000	ug/L	0.00
Standard Area 1 = 118126			Recovery = 102.99%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.446	113	98019	10.510	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 105.10%			
43) 1,2-Dichloroethane-d4	5.973	65	107950	10.587	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 105.87%			
60) Toluene-d8	7.955	98	374485	10.235	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.35%			
83) 4-Bromofluorobenzene	11.266	95	132749	10.543	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 105.43%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.781	85	4716	0.514	ug/L	97
3) Chloromethane	1.979	50	210	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	2.392	94	56	N.D.		
6) Chloroethane	2.454	64	25	N.D.		
7) Trichlorofluoromethane	2.668	101	773154	55.435	ug/L	100
8) Ethyl ether	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.212	76	1317	N.D.		
15) Methylene chloride	3.736	84	56	N.D.		
17) Acetone	3.773	43	994M3	0.552	ug/L	
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
25) Acrylonitrile	0.000		0	N.D.		
27) Vinyl acetate	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	5.092	96	32	N.D.		
29) 2,2-Dichloropropane	0.000		0	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
32) Chloroform	0.000		0	N.D.		

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A11.D
Acq On : 11 Sep 2021 1:37 pm
Operator : VOA101:PD
Sample : L2148182-07,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 13 12:08:52 2021
Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210911A\V01210911A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	0.000		0		N.D.	
40) 1,1-Dichloropropene	0.000		0		N.D.	
41) Benzene	5.839	78	26		N.D.	
44) 1,2-Dichloroethane	6.048	62	115		N.D.	
48) Trichloroethene	0.000		0		N.D.	
50) Dibromomethane	0.000		0		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	0.000		0		N.D.	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	8.017	92	504		N.D.	
62) 4-Methyl-2-pentanone	0.000		0		N.D.	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D.	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	0.000		0		N.D.	
73) Chlorobenzene	9.835	112	131		N.D.	
74) Ethylbenzene	9.863	91	248		N.D.	
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	10.080	106	26		N.D.	
77) o Xylene	10.580	106	31		N.D.	
78) Styrene	10.649	104	88		N.D.	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	10.942	105	123		N.D.	
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	11.438	91	129		N.D.	
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
88) 4-Ethyltoluene	11.544	105	80		N.D.	
89) 2-Chlorotoluene	11.586	91	64		N.D.	
90) 1,3,5-Trimethylbenzene	11.637	105	508		N.D.	
91) 1,2,3-Trichloropropane	0.000		0		N.D.	
92) trans-1,4-Dichloro-2-b...	0.000		0		N.D.	
93) 4-Chlorotoluene	11.759	91	60		N.D.	
94) tert-Butylbenzene	11.971	119	295		N.D.	

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A11.D
Acq On : 11 Sep 2021 1:37 pm
Operator : VOA101:PD
Sample : L2148182-07,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 13 12:08:52 2021
Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210911A\V01210911A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	12.046	105	356	N.D.		
98) sec-Butylbenzene	12.158	105	531	N.D.		
99) p-Isopropyltoluene	12.297	119	415	N.D.		
100) 1,3-Dichlorobenzene	12.387	146	96	N.D.		
101) 1,4-Dichlorobenzene	12.468	146	296	N.D.		
102) p-Diethylbenzene	12.682	119	364	N.D.		
103) n-Butylbenzene	12.741	91	784	N.D.		
104) 1,2-Dichlorobenzene	12.894	146	225	N.D.		
105) 1,2,4,5-Tetramethylben...	13.466	119	509	N.D.		
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
108) Hexachlorobutadiene	14.263	225	191	0.078	ug/L #	41
109) 1,2,4-Trichlorobenzene	14.294	180	58	N.D.		
110) Naphthalene	14.598	128	787	N.D.		
111) 1,2,3-Trichlorobenzene	14.749	180	137	N.D.		

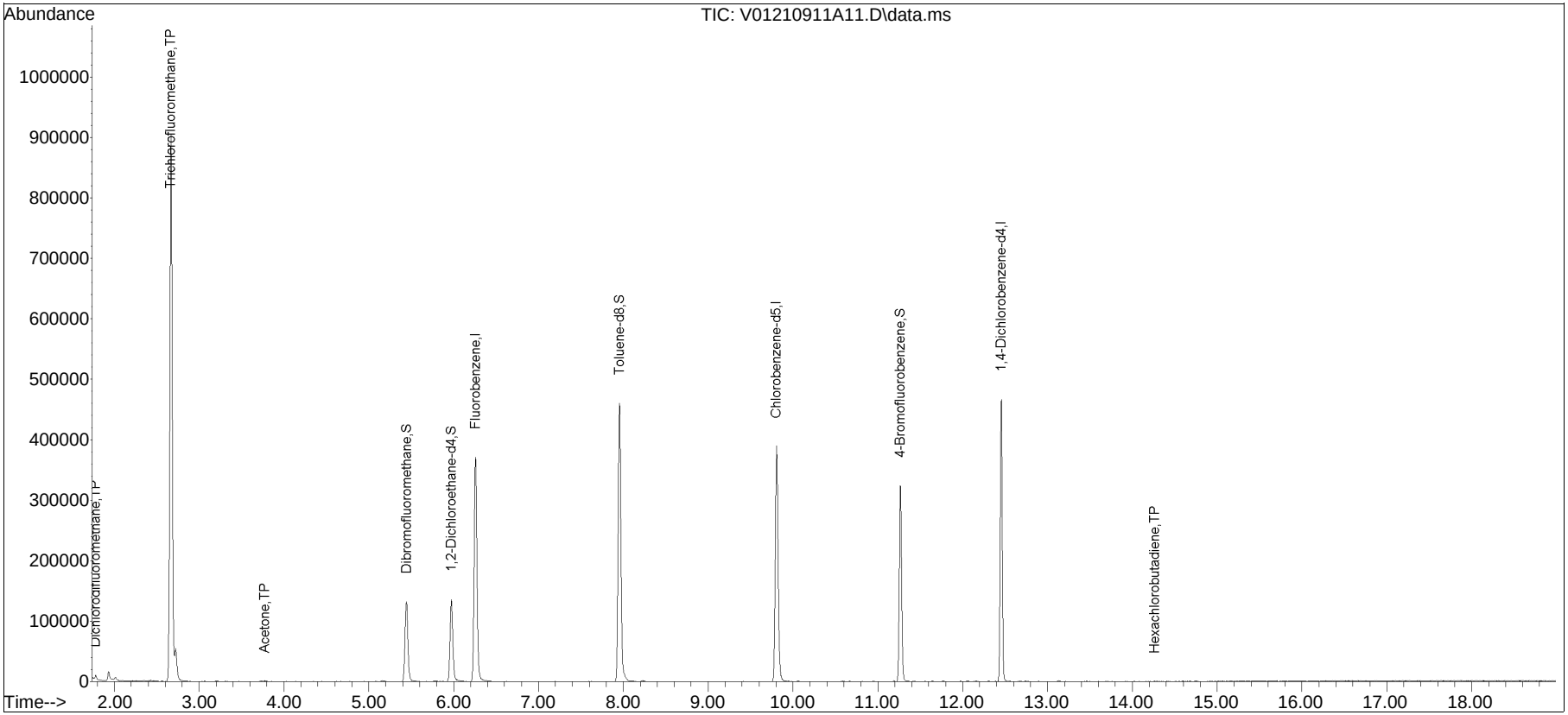
(#) = qualifier out of range (m) = manual integration (+) = signals summed

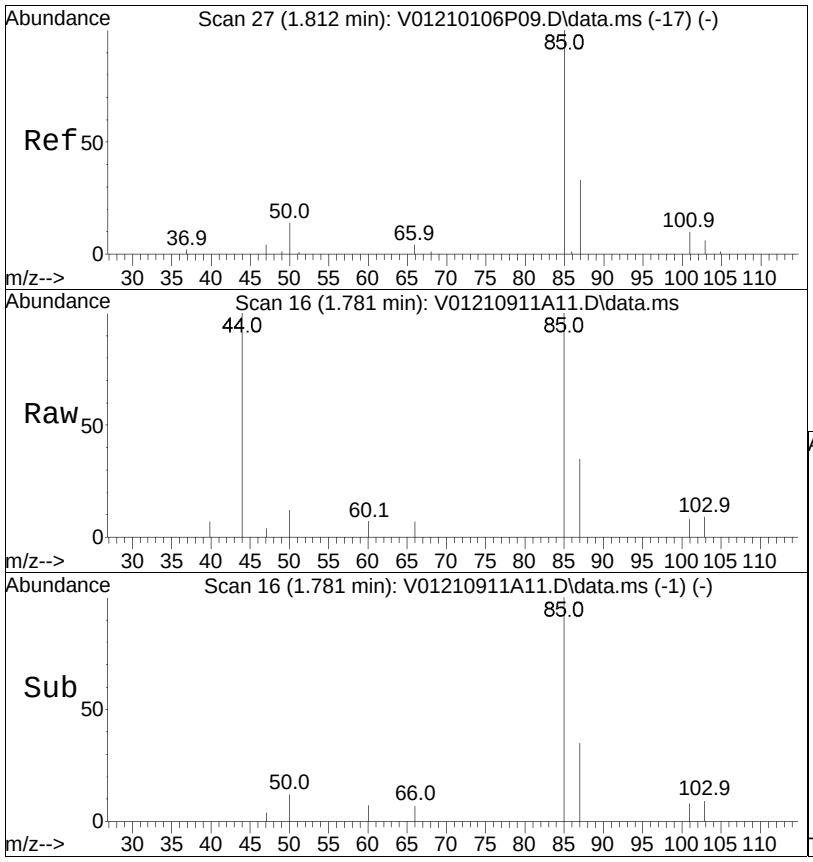
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A11.D
Acq On : 11 Sep 2021 1:37 pm
Operator : VOA101:PD
Sample : L2148182-07,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 13 12:08:52 2021
Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox10911A\V01210911A02.D•

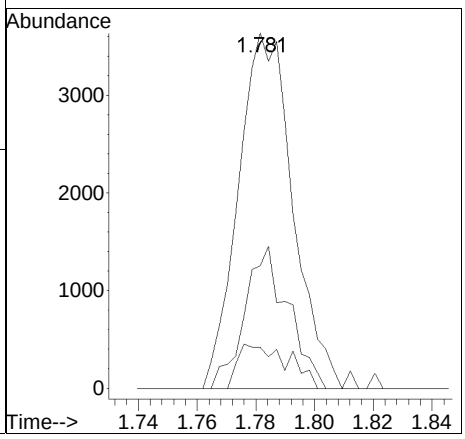


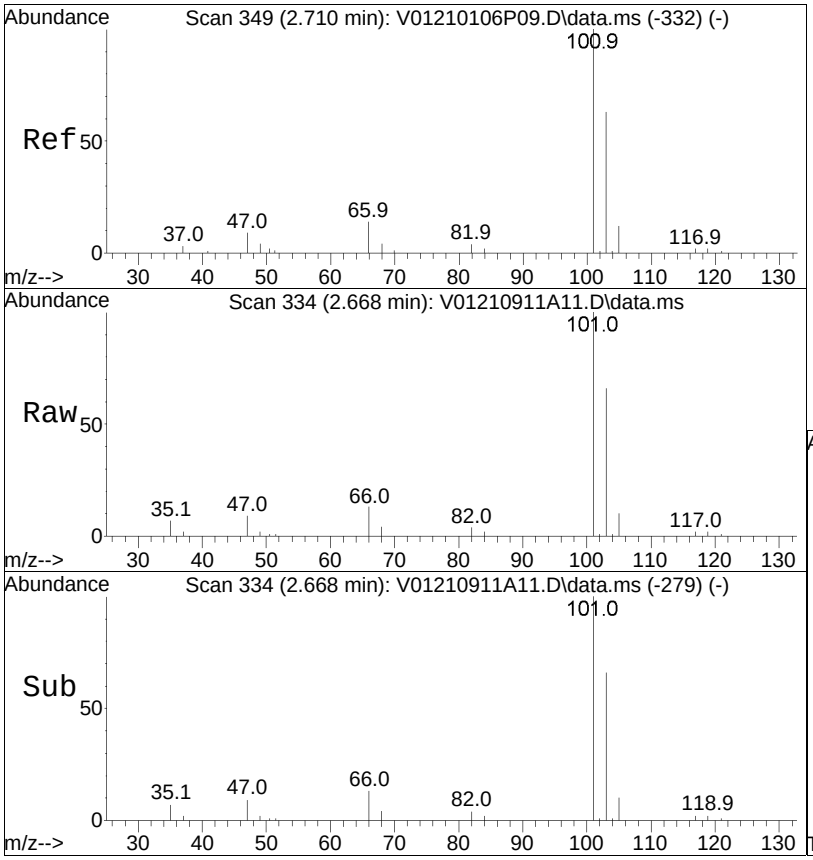


#2
Dichlorodifluoromethane
Concen: 0.51 ug/L
RT: 1.781 min Scan# 16
Delta R.T. 0.005 min
Lab File: V01210911A11.D
Acq: 11 Sep 2021 1:37 pm

Tgt Ion: 85 Resp: 4716

Ion	Ratio	Lower	Upper
85	100		
87	31.6	20.9	43.5
50	11.3	9.1	18.9

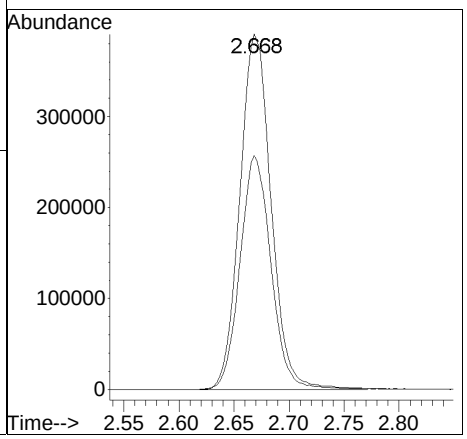


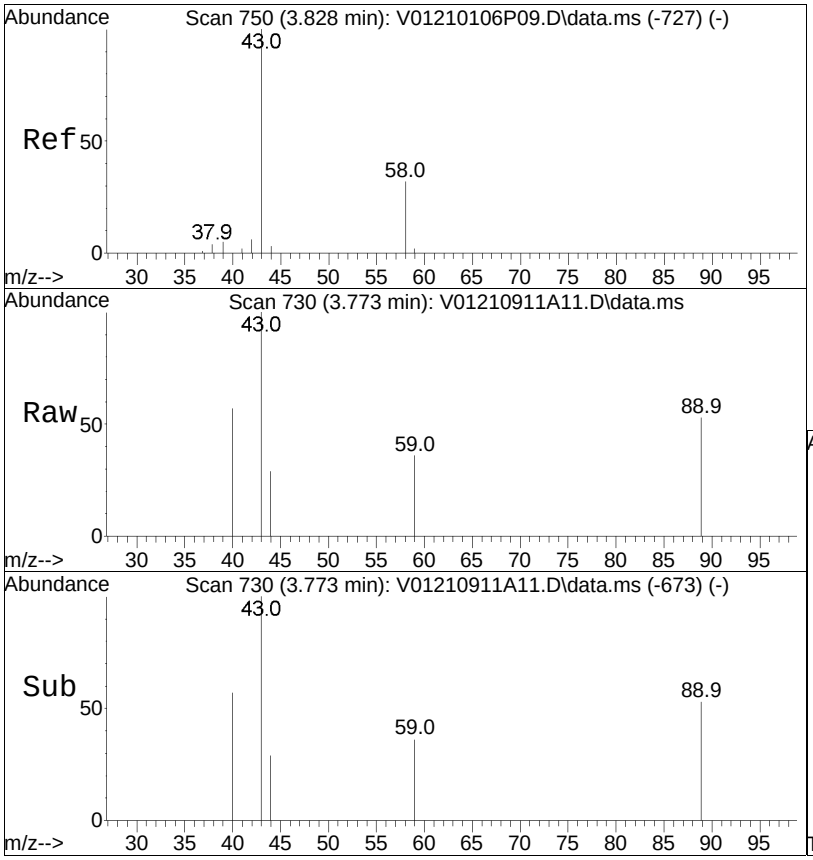


#7
Trichlorofluoromethane
Concen: 55.43 ug/L
RT: 2.668 min Scan# 334
Delta R.T. 0.003 min
Lab File: V01210911A11.D
Acq: 11 Sep 2021 1:37 pm

Tgt Ion:101 Resp: 773154

Ion	Ratio	Lower	Upper
101	100		
103	65.2	52.3	78.5

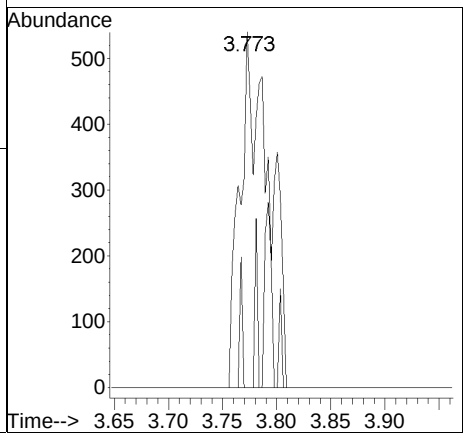


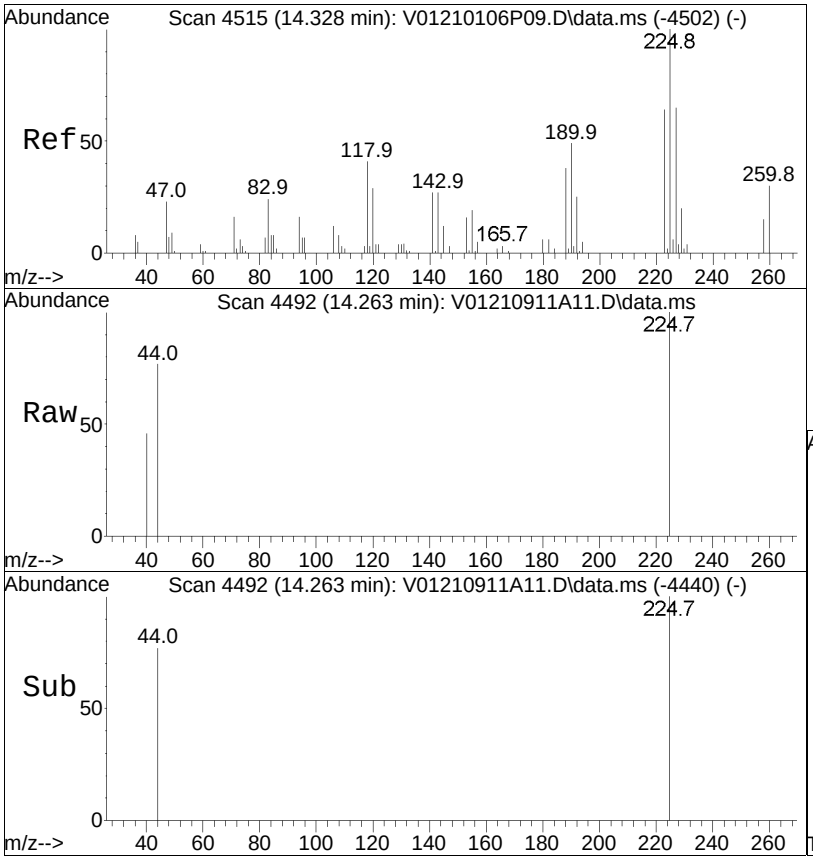


#17
Acetone
Concen: 0.55 ug/L M3
RT: 3.773 min Scan# 730
Delta R.T. 0.009 min
Lab File: V01210911A11.D
Acq: 11 Sep 2021 1:37 pm

Tgt Ion: 43 Resp: 994

Ion	Ratio	Lower	Upper
43	100		
58	11.9	25.9	38.9#

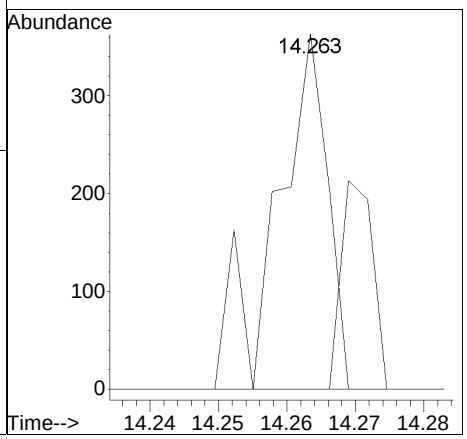




#108
Hexachlorobutadiene
Concen: 0.08 ug/L
RT: 14.263 min Scan# 4492
Delta R.T. -0.006 min
Lab File: V01210911A11.D
Acq: 11 Sep 2021 1:37 pm

Tgt Ion:225 Resp: 191

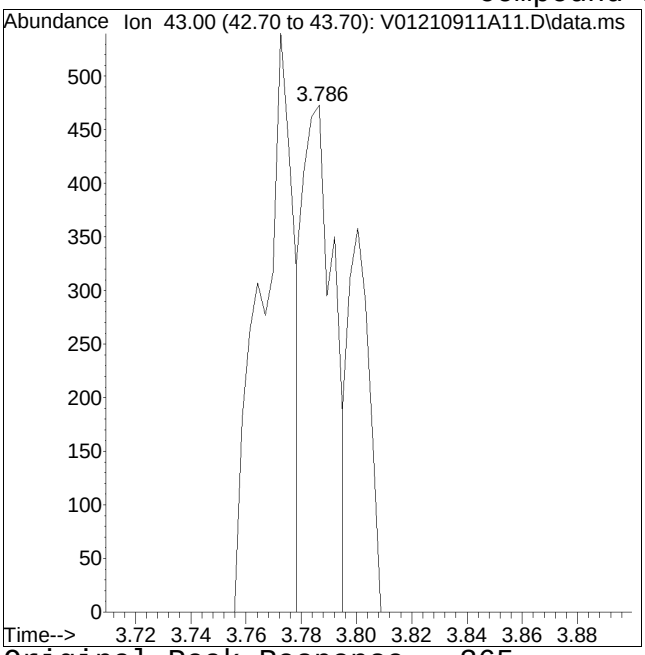
Ion	Ratio	Lower	Upper
225	100		
223	0.0	51.0	76.4#
227	35.6	52.2	78.4#



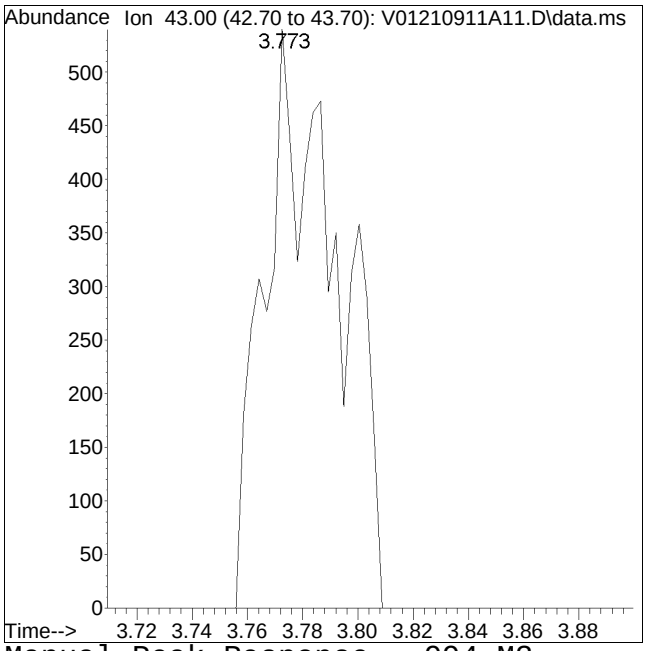
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2021\2QMethod : V101_210824A_8260.m
Data File : V01210911A11.D Operator : VOA101:PD
Date Inj'd : 9/11/2021 1:37 pm Instrument : VOA 101
Sample : L2148182-07,31,10,10,,A,PRQuant Date : 9/13/2021 12:04 pm

Compound #17: Acetone



Original Peak Response = 365



Manual Peak Response = 994 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

LSC Area Percent Report

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A11.D
Acq On : 11 Sep 2021 1:37 pm
Operator : VOA101:PD
Sample : L2148182-07,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 11 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V01210911A11.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.668	313	334	349	rBV	904762	1754193	100.00%	26.764%
2	5.446	1310	1330	1359	rBV2	132452	312045	17.79%	4.761%
3	5.973	1500	1519	1551	rBV2	135813	311485	17.76%	4.752%
4	6.257	1602	1621	1658	rBV3	371223	855671	48.78%	13.055%
5	7.956	2205	2230	2270	rBV	460708	1047964	59.74%	15.989%
6	9.807	2871	2894	2929	rBV	390011	886232	50.52%	13.521%
7	11.266	3401	3417	3442	rBV	324414	616268	35.13%	9.403%
8	12.456	3825	3844	3873	rBV	466721	770407	43.92%	11.754%

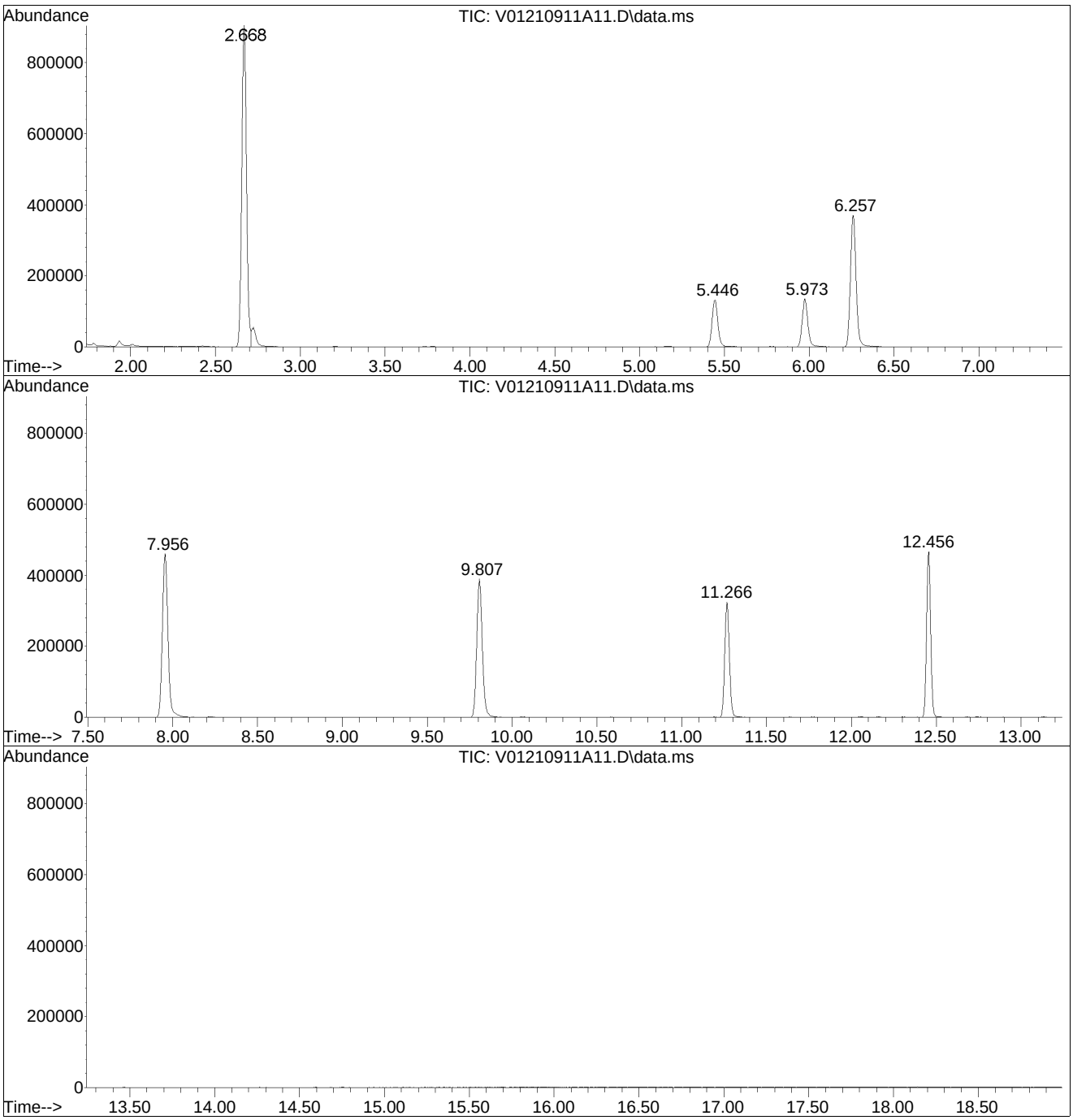
Sum of corrected areas: 6554265

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A11.D
Acq On : 11 Sep 2021 1:37 pm
Operator : VOA101:PD
Sample : L2148182-07,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 11 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A11.D
Acq On : 11 Sep 2021 1:37 pm
Operator : VOA101:PD
Sample : L2148182-07,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 11 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A11.D
Acq On : 11 Sep 2021 1:37 pm
Operator : VOA101:PD
Sample : L2148182-07,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 11 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A12.D
Acq On : 11 Sep 2021 2:00 pm
Operator : VOA101:PD
Sample : L2148182-06,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 13 12:09:32 2021
Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210911A\V01210911A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.260	96	360726	10.000	ug/L	0.00
Standard Area 1 = 384751			Recovery =	93.76%		
59) Chlorobenzene-d5	9.807	117	261334	10.000	ug/L	0.00
Standard Area 1 = 282294			Recovery =	92.58%		
79) 1,4-Dichlorobenzene-d4	12.454	152	112016	10.000	ug/L	0.00
Standard Area 1 = 118126			Recovery =	94.83%		
System Monitoring Compounds						
36) Dibromofluoromethane	5.440	113	89936	10.270	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	102.70%		
43) 1,2-Dichloroethane-d4	5.975	65	99025	10.343	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	103.43%		
60) Toluene-d8	7.953	98	351156	10.406	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	104.06%		
83) 4-Bromofluorobenzene	11.266	95	124894	10.773	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	107.73%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.776	85	31245	3.624	ug/L	98
3) Chloromethane	1.974	50	167	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	2.400	94	61	N.D.		
6) Chloroethane	2.428	64	33	N.D.		
7) Trichlorofluoromethane	2.665	101	69624	5.316	ug/L	99
8) Ethyl ether	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.204	76	2061	0.081	ug/L #	76
15) Methylene chloride	3.739	84	396	N.D.		
17) Acetone	3.770	43	2081M1	1.232	ug/L	
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
25) Acrylonitrile	0.000		0	N.D.		
27) Vinyl acetate	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	4.999	96	38	N.D.		
29) 2,2-Dichloropropane	5.142	77	211	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
32) Chloroform	5.270	83	28	N.D.		

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A12.D
Acq On : 11 Sep 2021 2:00 pm
Operator : VOA101:PD
Sample : L2148182-06,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 13 12:09:32 2021
Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210911A\V01210911A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	5.585	43	26		N.D.	
40) 1,1-Dichloropropene	5.641	75	31		N.D.	
41) Benzene	5.844	78	93		N.D.	
44) 1,2-Dichloroethane	6.040	62	34		N.D.	
48) Trichloroethene	6.332	95	235		N.D.	
50) Dibromomethane	0.000		0		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	0.000		0		N.D.	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	8.020	92	93		N.D.	
62) 4-Methyl-2-pentanone	0.000		0		N.D.	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D.	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	0.000		0		N.D.	
73) Chlorobenzene	9.827	112	750		N.D.	
74) Ethylbenzene	9.854	91	149		N.D.	
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	10.061	106	192		N.D.	
77) o Xylene	10.596	106	43		N.D.	
78) Styrene	10.655	104	71		N.D.	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	10.939	105	33		N.D.	
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	11.422	91	253		N.D.	
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
88) 4-Ethyltoluene	11.648	105	146		N.D.	
89) 2-Chlorotoluene	11.603	91	28		N.D.	
90) 1,3,5-Trimethylbenzene	11.634	105	285		N.D.	
91) 1,2,3-Trichloropropane	11.765	75	37		N.D.	
92) trans-1,4-Dichloro-2-b...	0.000		0		N.D.	
93) 4-Chlorotoluene	11.773	91	116		N.D.	
94) tert-Butylbenzene	11.974	119	65		N.D.	

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A12.D
Acq On : 11 Sep 2021 2:00 pm
Operator : VOA101:PD
Sample : L2148182-06,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 13 12:09:32 2021
Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210911A\V01210911A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	12.049	105	262	N.D.		
98) sec-Butylbenzene	12.161	105	552	N.D.		
99) p-Isopropyltoluene	12.306	119	1152	N.D.		
100) 1,3-Dichlorobenzene	12.389	146	272	N.D.		
101) 1,4-Dichlorobenzene	12.476	146	490	N.D.		
102) p-Diethylbenzene	12.679	119	141	N.D.		
103) n-Butylbenzene	12.735	91	241	N.D.		
104) 1,2-Dichlorobenzene	12.897	146	294	N.D.		
105) 1,2,4,5-Tetramethylben...	0.000		0	N.D.	d	
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
108) Hexachlorobutadiene	14.261	225	152	N.D.		
109) 1,2,4-Trichlorobenzene	14.300	180	58	N.D.		
110) Naphthalene	14.598	128	499	N.D.		
111) 1,2,3-Trichlorobenzene	14.760	180	226	N.D.		

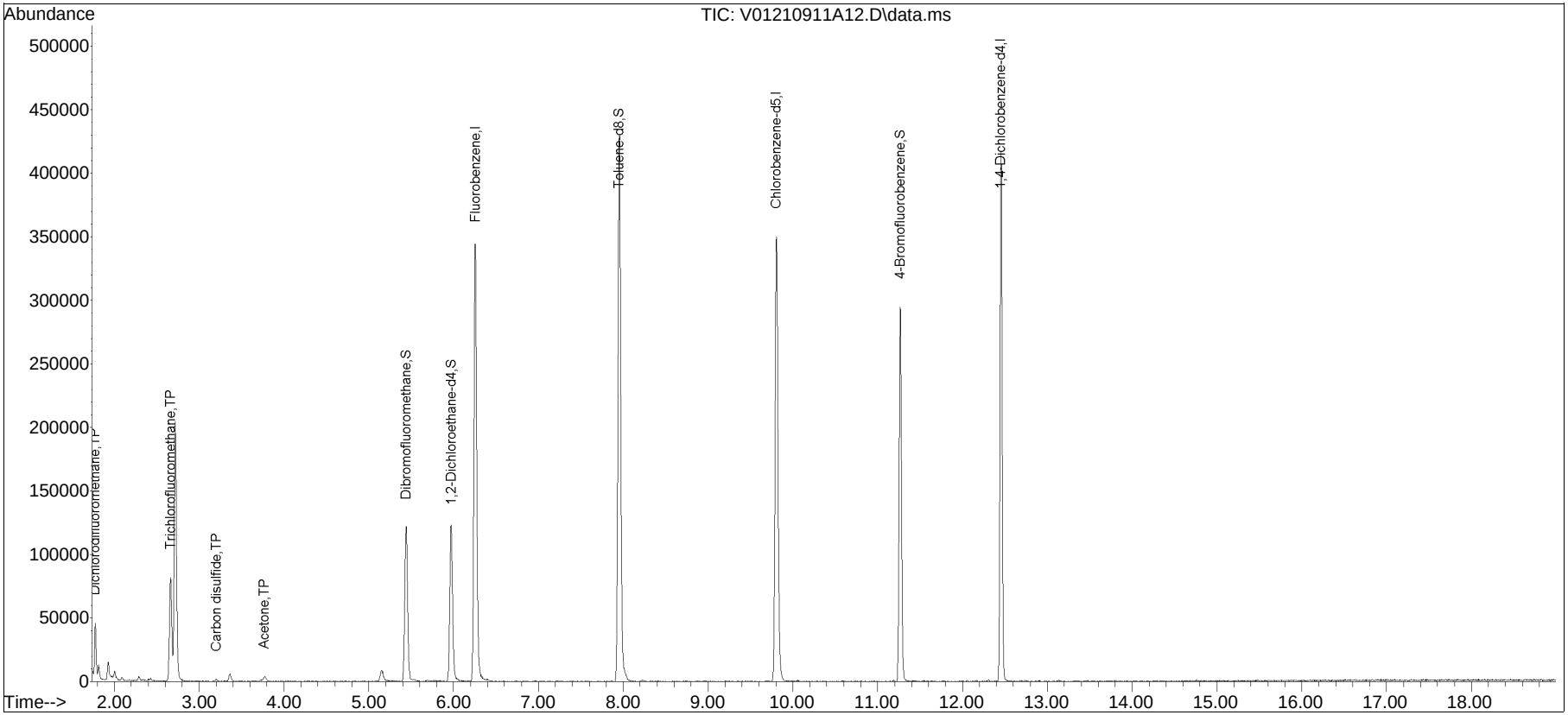
(#) = qualifier out of range (m) = manual integration (+) = signals summed

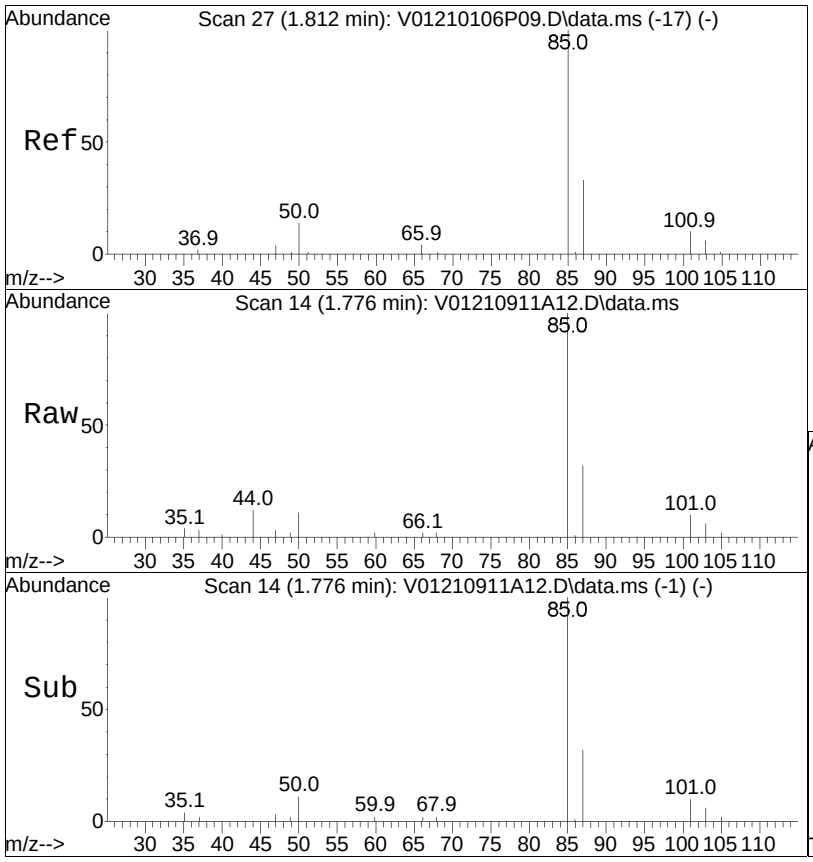
Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A12.D
Acq On : 11 Sep 2021 2:00 pm
Operator : VOA101:PD
Sample : L2148182-06,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 13 12:09:32 2021
Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox10911A\V01210911A02.D•

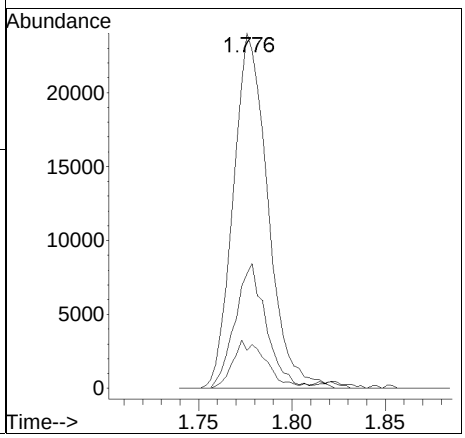


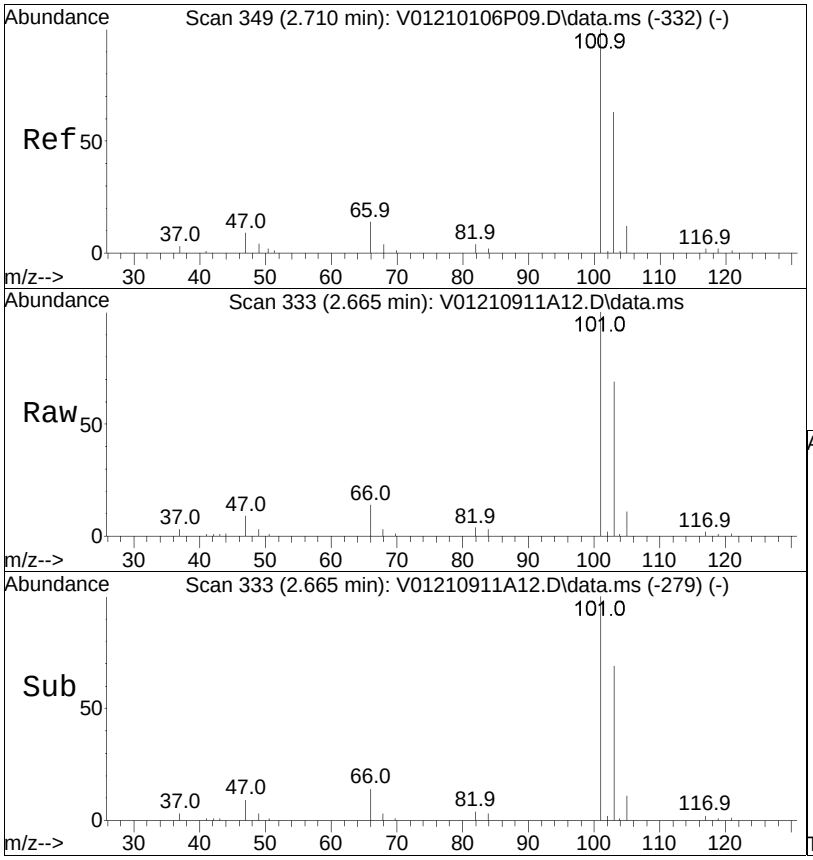


#2
Dichlorodifluoromethane
Concen: 3.62 ug/L
RT: 1.776 min Scan# 14
Delta R.T. -0.000 min
Lab File: V01210911A12.D
Acq: 11 Sep 2021 2:00 pm

Tgt Ion: 85 Resp: 31245

Ion	Ratio	Lower	Upper
85	100		
87	31.5	20.9	43.5
50	12.7	9.1	18.9

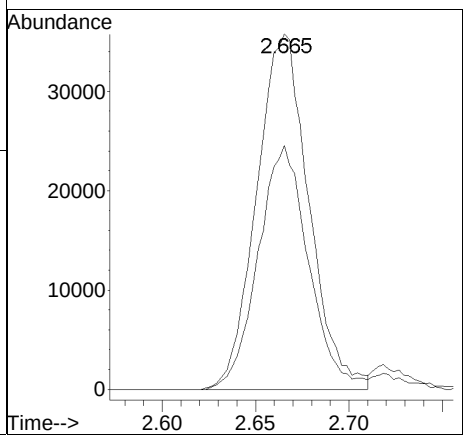


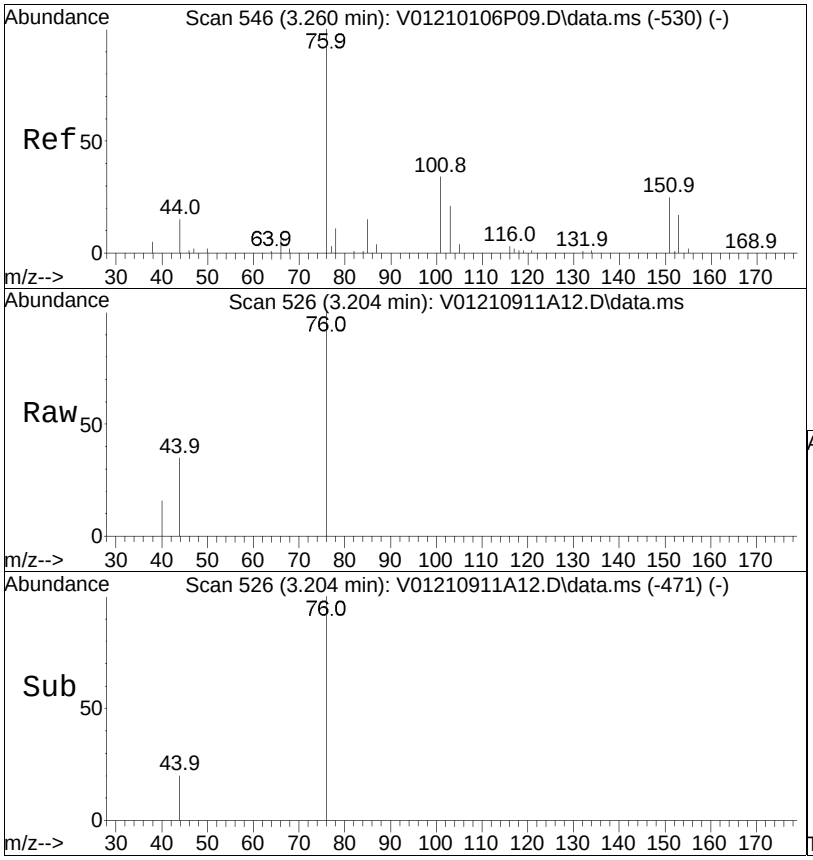


#7
Trichlorofluoromethane
Concen: 5.32 ug/L
RT: 2.665 min Scan# 333
Delta R.T. 0.000 min
Lab File: V01210911A12.D
Acq: 11 Sep 2021 2:00 pm

Tgt Ion:101 Resp: 69624

Ion	Ratio	Lower	Upper
101	100		
103	66.0	52.3	78.5

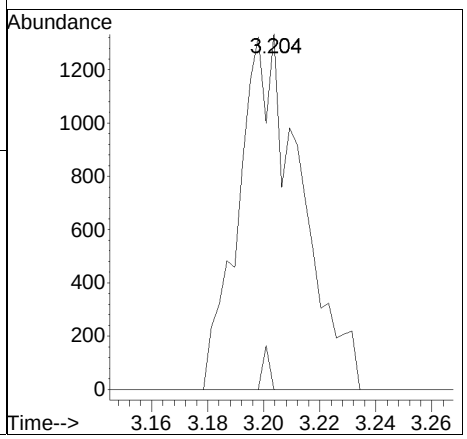


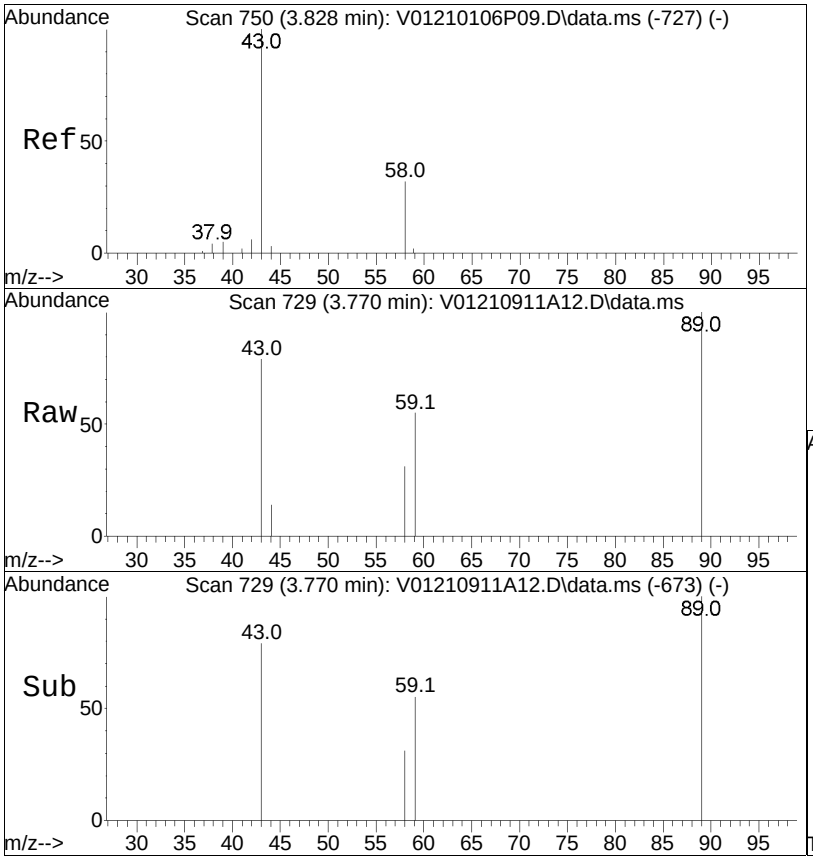


#11
Carbon disulfide
Concen: 0.08 ug/L
RT: 3.204 min Scan# 526
Delta R.T. 0.003 min
Lab File: V01210911A12.D
Acq: 11 Sep 2021 2:00 pm

Tgt Ion: 76 Resp: 2061

Ion	Ratio	Lower	Upper
76	100		
78	1.3	6.6	13.8#

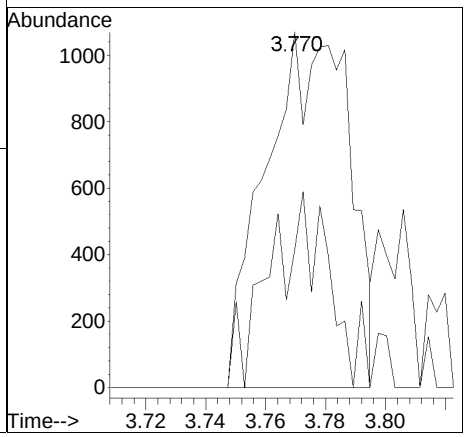




#17
Acetone
Concen: 1.23 ug/L M1
RT: 3.770 min Scan# 729
Delta R.T. 0.006 min
Lab File: V01210911A12.D
Acq: 11 Sep 2021 2:00 pm

Tgt Ion: 43 Resp: 2081

Ion	Ratio	Lower	Upper
43	100		
58	21.1	25.9	38.9#

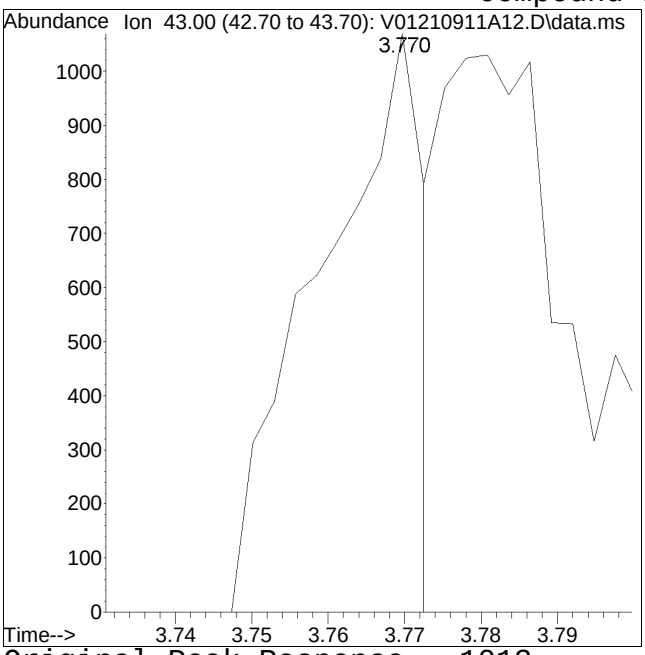


Manual Integration Report

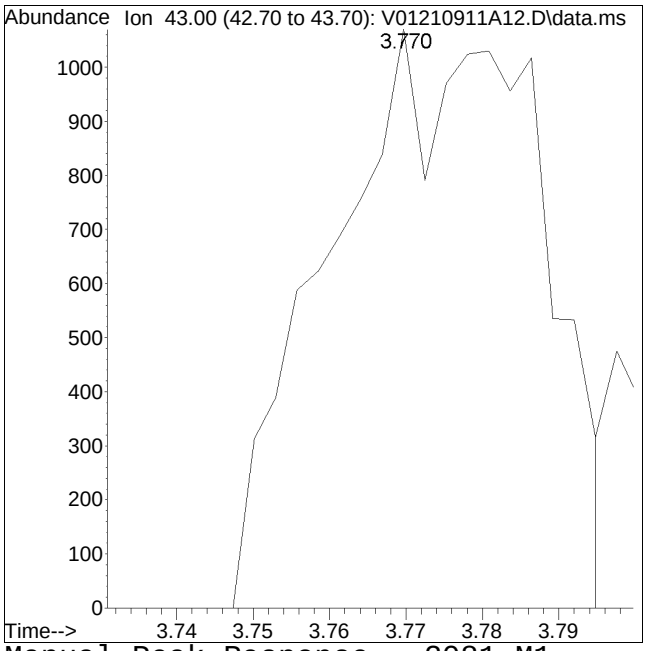
Data Path : I:\VOLATILES\VOA101\2021\2Q
Data File : V01210911A12.D
Date Inj'd : 9/11/2021 2:00 pm
Sample : L2148182-06,31,10,10,,A,PR

Method : V101_210824A_8260.m
Operator : VOA101:PD
Instrument : VOA 101
Quant Date : 9/13/2021 12:04 pm

Compound #17: Acetone



Original Peak Response = 1013



Manual Peak Response = 2081 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

LSC Area Percent Report

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A12.D
Acq On : 11 Sep 2021 2:00 pm
Operator : VOA101:PD
Sample : L2148182-06,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 12 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V01210911A12.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.776	7	14	23	rBV2	40242	47001	4.85%	0.936%
2	2.665	315	333	342	rBV2	81906	155171	16.01%	3.089%
3	2.718	342	352	381	rVB	204043	384544	39.68%	7.654%
4	5.443	1307	1329	1350	rBV2	122140	286101	29.52%	5.695%
5	5.970	1501	1518	1547	rBV3	123314	283229	29.23%	5.638%
6	6.254	1600	1620	1652	rBV2	344384	791204	81.65%	15.748%
7	7.955	2210	2230	2269	rBV2	430428	969029	100.00%	19.288%
8	9.807	2872	2894	2928	rBV2	350365	824800	85.12%	16.417%
9	11.266	3400	3417	3441	rBV2	294805	568471	58.66%	11.315%
10	12.454	3829	3843	3866	rBV3	416598	714451	73.73%	14.221%

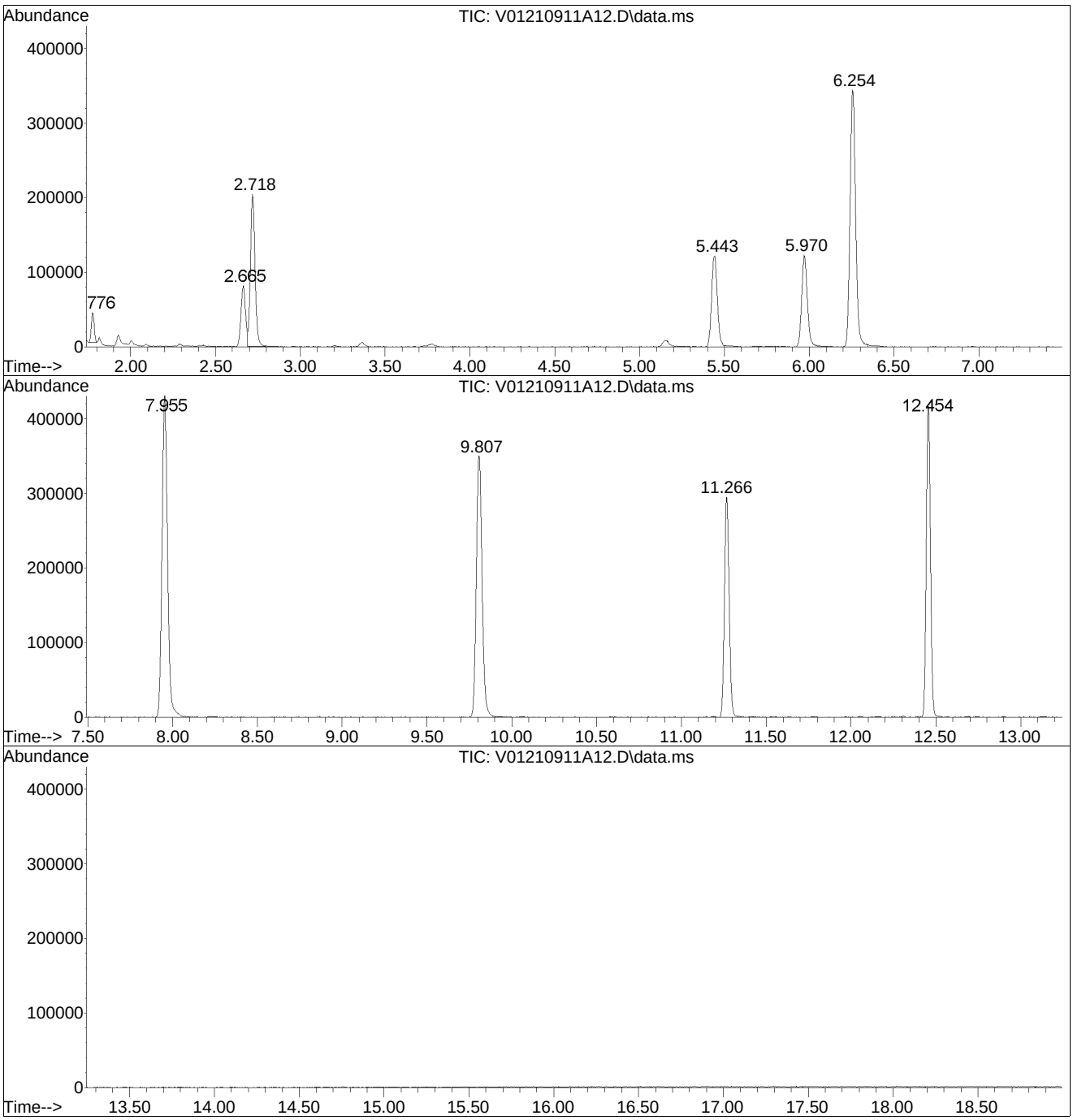
Sum of corrected areas: 5024001

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A12.D
Acq On : 11 Sep 2021 2:00 pm
Operator : VOA101:PD
Sample : L2148182-06,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 12 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A12.D
Acq On : 11 Sep 2021 2:00 pm
Operator : VOA101:PD
Sample : L2148182-06,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 12 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS

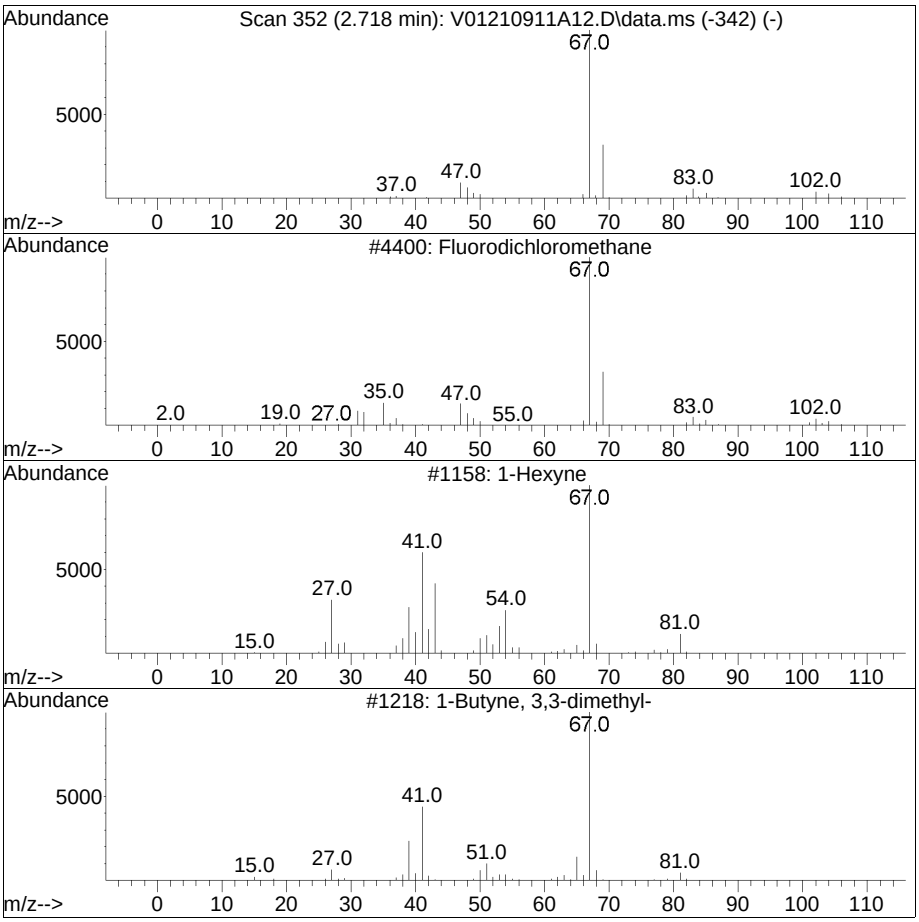
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

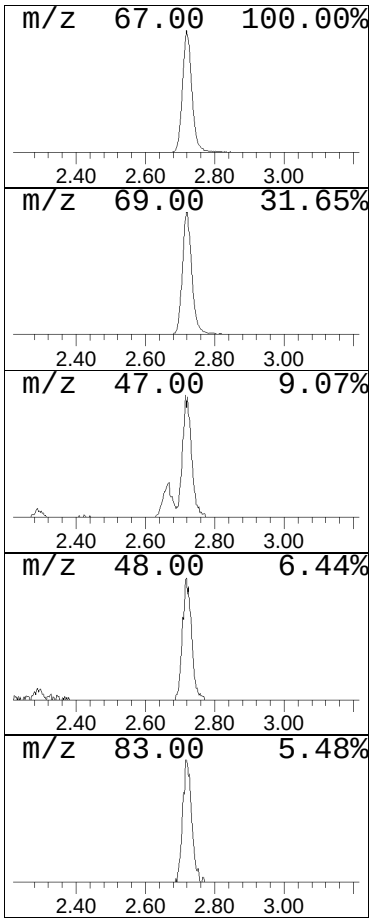
****

Peak Number 1 Fluorodichloromethane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.718	4.86 ug/L	384544	Fluorobenzene	6.260

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorodichloromethane	102	CHCl2F	000075-43-4	91
2	1-Hexyne	82	C6H10	000693-02-7	7
3	1-Butyne, 3,3-dimethyl-	82	C6H10	000917-92-0	7
4	Methanamine, N,N-difluoro-	67	CH3F2N	000753-58-2	5
5	Chlorine dioxide	67	ClO2	010049-04-4	4





Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A12.D
Acq On : 11 Sep 2021 2:00 pm
Operator : VOA101:PD
Sample : L2148182-06,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 12 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Fluorodichlorom...	2.718	4.9	ug/L	384544	1	6.260	791204	10.0

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A13.D
Acq On : 11 Sep 2021 2:23 pm
Operator : VOA101:PD
Sample : L2148182-05,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 13 12:04:16 2021
Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210911A\V01210911A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	6.257	96	362843	10.000 ug/L	0.00
Standard Area 1 = 384751			Recovery =	94.31%	
59) Chlorobenzene-d5	9.807	117	262313	10.000 ug/L	0.00
Standard Area 1 = 282294			Recovery =	92.92%	
79) 1,4-Dichlorobenzene-d4	12.456	152	113463	10.000 ug/L	0.00
Standard Area 1 = 118126			Recovery =	96.05%	
System Monitoring Compounds					
36) Dibromofluoromethane	5.440	113	90732	10.301 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	103.01%	
43) 1,2-Dichloroethane-d4	5.973	65	102709	10.665 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	106.65%	
60) Toluene-d8	7.950	98	348257	10.281 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	102.81%	
83) 4-Bromofluorobenzene	11.268	95	124516	10.603 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	106.03%	
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.776	85	357786	41.261 ug/L	98
3) Chloromethane	1.971	50	78	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	2.392	94	67	N.D.	
6) Chloroethane	2.409	64	33	N.D.	
7) Trichlorofluoromethane	2.662	101	628044	47.677 ug/L	99
8) Ethyl ether	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	3.203	76	1300	N.D.	
15) Methylene chloride	3.733	84	2037	0.215 ug/L #	67
17) Acetone	3.783	43	1380	0.812 ug/L #	58
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
20) Methyl tert-butyl ether	3.981	73	649	N.D.	
23) 1,1-Dichloroethane	4.469	63	306	N.D.	
25) Acrylonitrile	0.000		0	N.D.	
27) Vinyl acetate	0.000		0	N.D.	
28) cis-1,2-Dichloroethene	0.000		0	N.D.	
29) 2,2-Dichloropropane	5.150	77	31	N.D.	
30) Bromochloromethane	0.000		0	N.D.	
32) Chloroform	5.253	83	160	N.D.	

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A13.D
Acq On : 11 Sep 2021 2:23 pm
Operator : VOA101:PD
Sample : L2148182-05,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 13 12:04:16 2021
Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210911A\V01210911A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	5.473	97	403		N.D.	
39) 2-Butanone	5.593	43	29		N.D.	
40) 1,1-Dichloropropene	0.000		0		N.D.	
41) Benzene	5.847	78	642		N.D.	
44) 1,2-Dichloroethane	6.051	62	40		N.D.	
48) Trichloroethene	6.377	95	102		N.D.	
50) Dibromomethane	0.000		0		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	0.000		0		N.D.	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	8.022	92	37		N.D.	
62) 4-Methyl-2-pentanone	0.000		0		N.D.	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D.	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	0.000		0		N.D.	
73) Chlorobenzene	9.824	112	1121		N.D.	
74) Ethylbenzene	9.868	91	150		N.D.	
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	10.063	106	132		N.D.	
77) o Xylene	0.000		0		N.D.	
78) Styrene	10.680	104	56		N.D.	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	10.945	105	187		N.D.	
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	11.424	91	605		N.D.	
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
88) 4-Ethyltoluene	11.633	105	85		N.D.	
89) 2-Chlorotoluene	11.592	91	124		N.D.	
90) 1,3,5-Trimethylbenzene	11.633	105	85		N.D.	
91) 1,2,3-Trichloropropane	0.000		0		N.D.	
92) trans-1,4-Dichloro-2-b...	0.000		0		N.D.	
93) 4-Chlorotoluene	11.776	91	142		N.D.	
94) tert-Butylbenzene	11.963	119	136		N.D.	

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A13.D
Acq On : 11 Sep 2021 2:23 pm
Operator : VOA101:PD
Sample : L2148182-05,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 13 12:04:16 2021
Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210911A\V01210911A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	12.049	105	132	N.D.		
98) sec-Butylbenzene	12.161	105	2153	N.D.		
99) p-Isopropyltoluene	12.311	119	731	N.D.		
100) 1,3-Dichlorobenzene	12.389	146	96	N.D.		
101) 1,4-Dichlorobenzene	12.467	146	514	N.D.		
102) p-Diethylbenzene	12.674	119	237	N.D.		
103) n-Butylbenzene	12.741	91	517	N.D.		
104) 1,2-Dichlorobenzene	12.888	146	248	N.D.		
105) 1,2,4,5-Tetramethylben...	13.466	119	195	N.D.		
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
108) Hexachlorobutadiene	14.263	225	52	N.D.		
109) 1,2,4-Trichlorobenzene	14.297	180	124	N.D.		
110) Naphthalene	14.592	128	1280	0.111	ug/L	100
111) 1,2,3-Trichlorobenzene	14.760	180	60	N.D.		

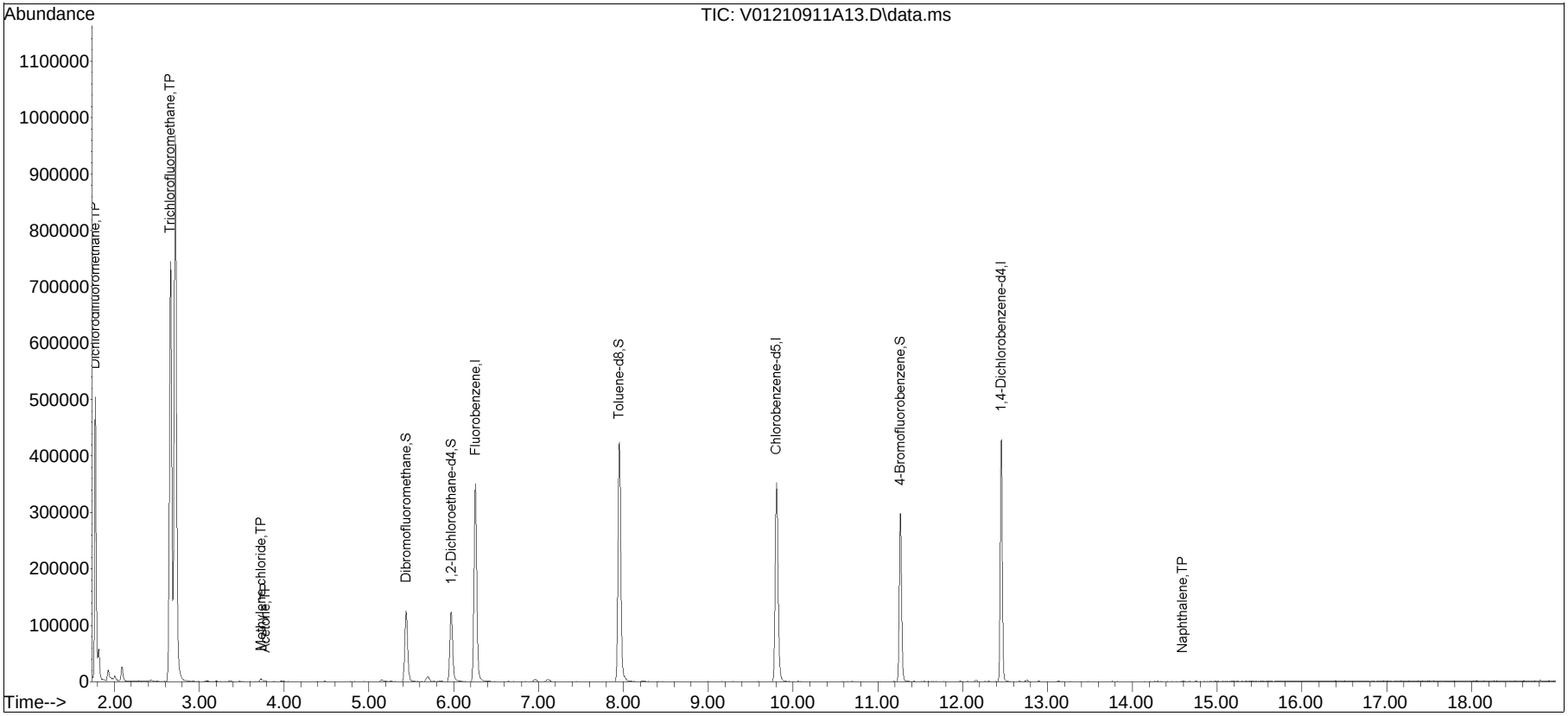
(#) = qualifier out of range (m) = manual integration (+) = signals summed

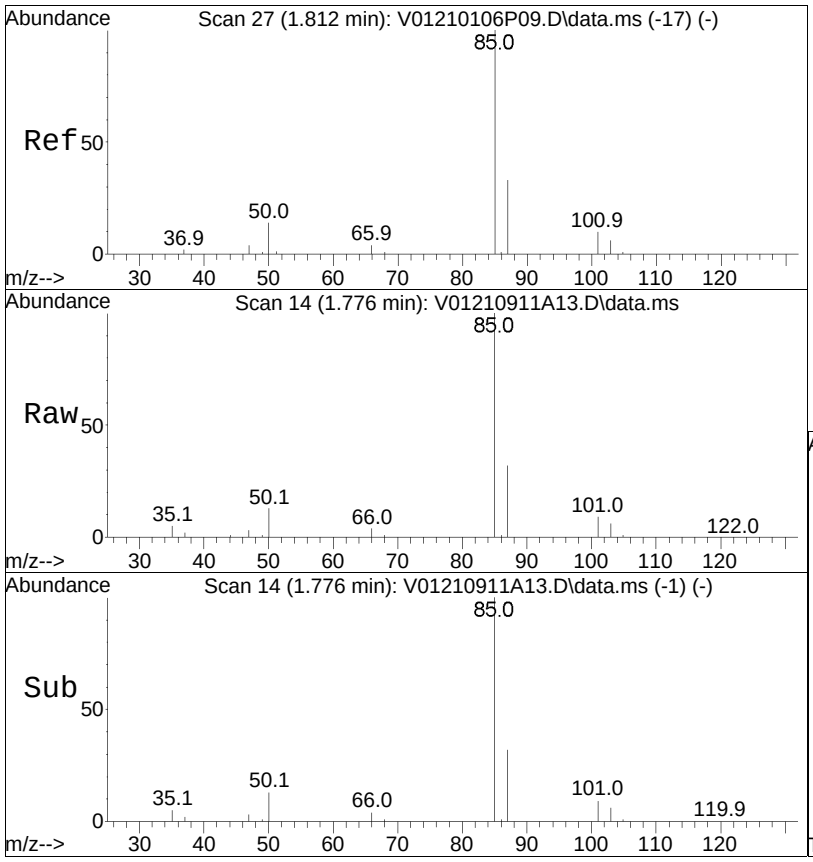
Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A13.D
Acq On : 11 Sep 2021 2:23 pm
Operator : VOA101:PD
Sample : L2148182-05,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 13 12:04:16 2021
Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox10911A\V01210911A02.D•

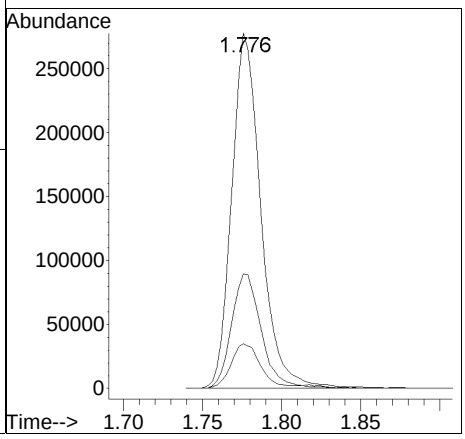


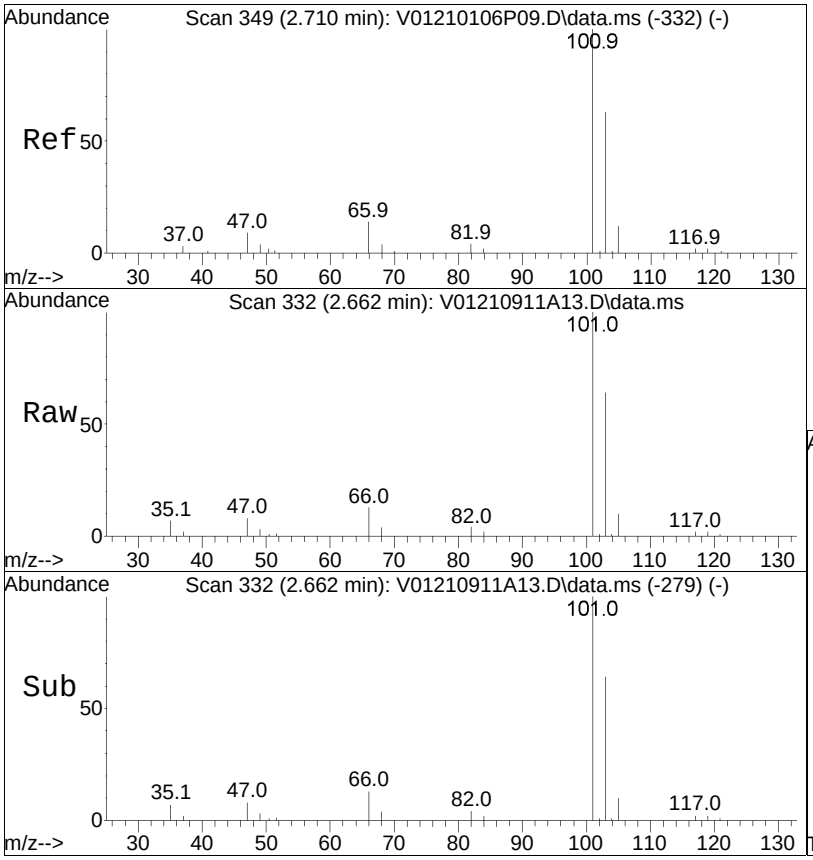


#2
Dichlorodifluoromethane
Concen: 41.26 ug/L
RT: 1.776 min Scan# 14
Delta R.T. -0.000 min
Lab File: V01210911A13.D
Acq: 11 Sep 2021 2:23 pm

Tgt Ion: 85 Resp: 357786

Ion	Ratio	Lower	Upper
85	100		
87	32.8	20.9	43.5
50	12.8	9.1	18.9

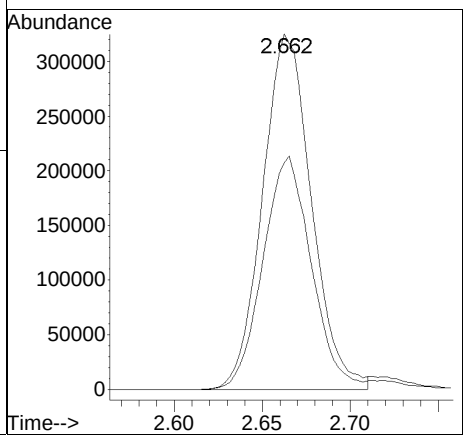


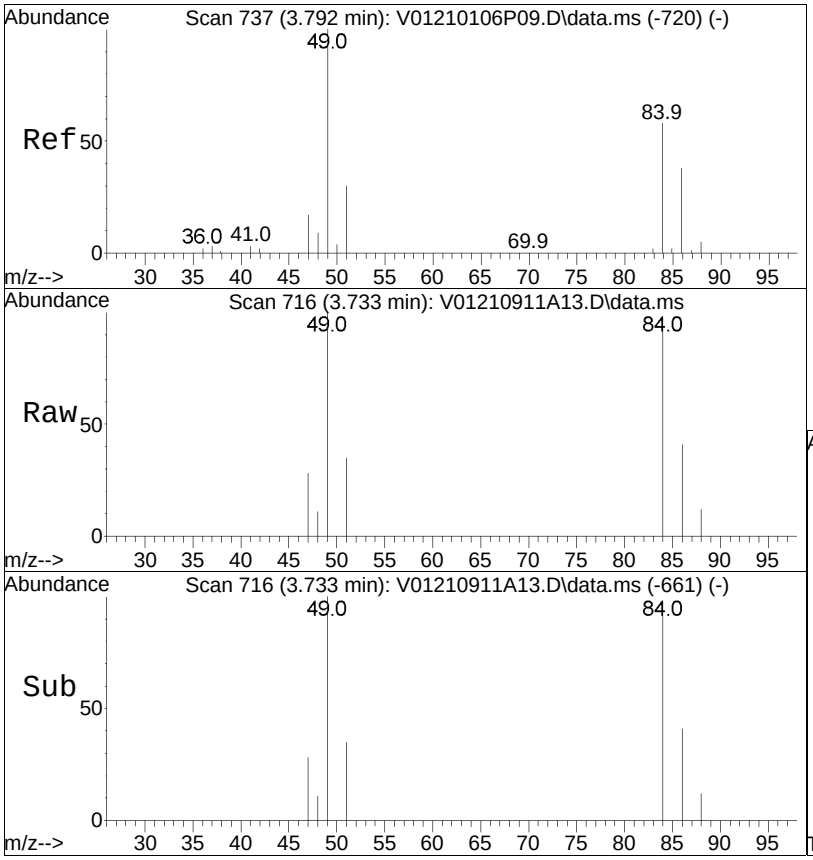


#7
Trichlorofluoromethane
Concen: 47.68 ug/L
RT: 2.662 min Scan# 332
Delta R.T. -0.003 min
Lab File: V01210911A13.D
Acq: 11 Sep 2021 2:23 pm

Tgt Ion:101 Resp: 628044

Ion	Ratio	Lower	Upper
101	100		
103	64.8	52.3	78.5

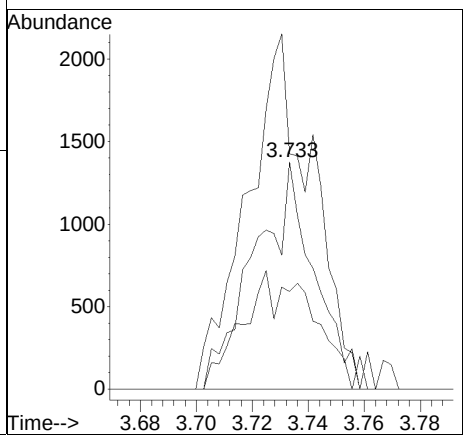


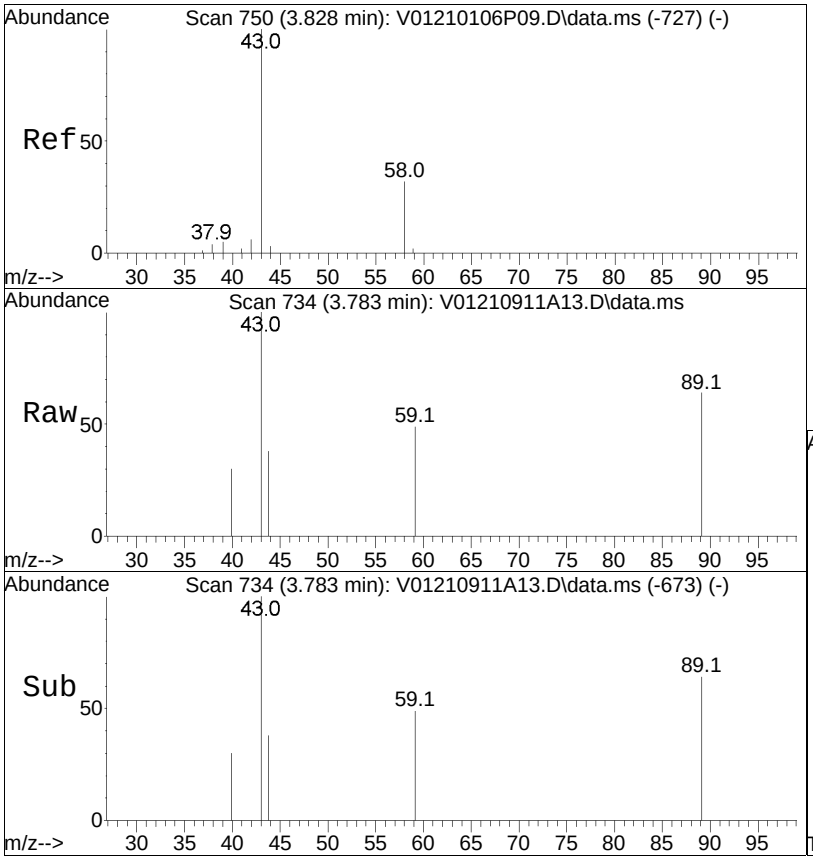


#15
Methylene chloride
Concen: 0.21 ug/L
RT: 3.733 min Scan# 716
Delta R.T. 0.002 min
Lab File: V01210911A13.D
Acq: 11 Sep 2021 2:23 pm

Tgt Ion: 84 Resp: 2037

Ion	Ratio	Lower	Upper
84	100		
86	28.7	41.7	86.7#
49	169.1	89.1	185.1

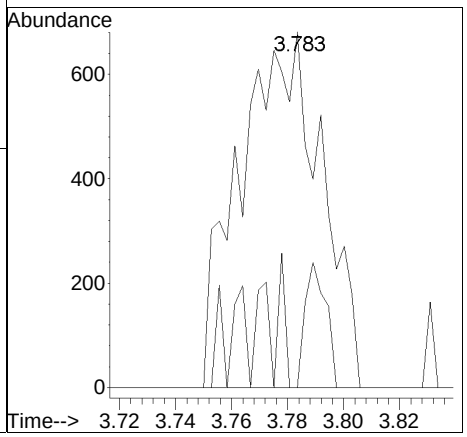


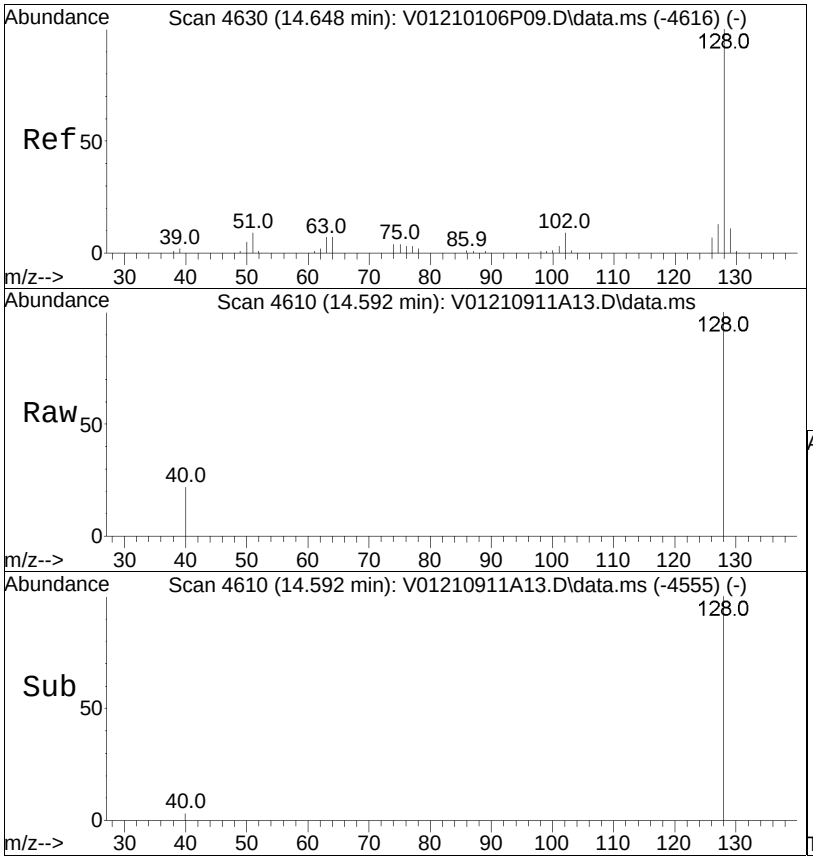


#17
Acetone
Concen: 0.81 ug/L
RT: 3.783 min Scan# 734
Delta R.T. 0.019 min
Lab File: V01210911A13.D
Acq: 11 Sep 2021 2:23 pm

Tgt Ion: 43 Resp: 1380

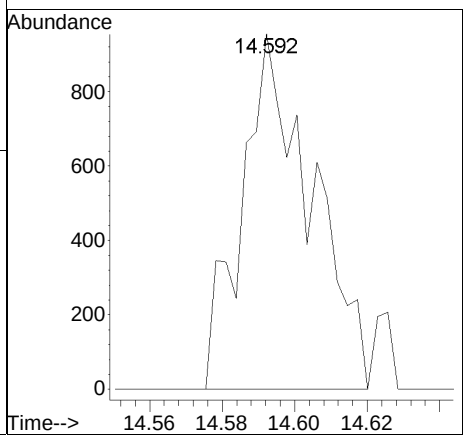
Ion	Ratio	Lower	Upper
43	100		
58	9.0	25.9	38.9#





#110
Naphthalene
Concen: 0.11 ug/L
RT: 14.592 min Scan# 4610
Delta R.T. 0.005 min
Lab File: V01210911A13.D
Acq: 11 Sep 2021 2:23 pm

Tgt Ion:128 Resp: 1280



Manual Integration Report

Data Path	: I:\VOLATILES\VOA101\2021\2Q	Method	: V101_210824A_8260.m
Data File	: V01210911A13.D	Operator	: VOA101:PD
Date Inj'd	: 9/11/2021 2:23 pm	Instrument	: VOA 101
Sample	: L2148182-05,31,10,10,,A,PR	Quant Date	: 9/13/2021 12:04 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A13.D
Acq On : 11 Sep 2021 2:23 pm
Operator : VOA101:PD
Sample : L2148182-05,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 13 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V01210911A13.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.776	4	14	24	rBV	498425	622640	32.90%	7.346%
2	1.817	25	29	45	rVB	54807	69177	3.66%	0.816%
3	2.662	313	332	342	rBV2	745268	1409238	74.46%	16.626%
4	2.721	342	353	392	rVB	968628	1892624	100.00%	22.329%
5	5.440	1309	1328	1359	rBV3	125928	291231	15.39%	3.436%
6	5.973	1498	1519	1542	rBV3	123681	289693	15.31%	3.418%
7	6.257	1601	1621	1657	rBV2	351638	795168	42.01%	9.381%
8	7.952	2208	2229	2267	rBV2	425306	975000	51.52%	11.503%
9	9.807	2875	2894	2929	rBV2	352949	830854	43.90%	9.802%
10	11.265	3396	3417	3445	rBV2	298602	573392	30.30%	6.765%
11	12.456	3829	3844	3872	rBV	430103	727027	38.41%	8.577%

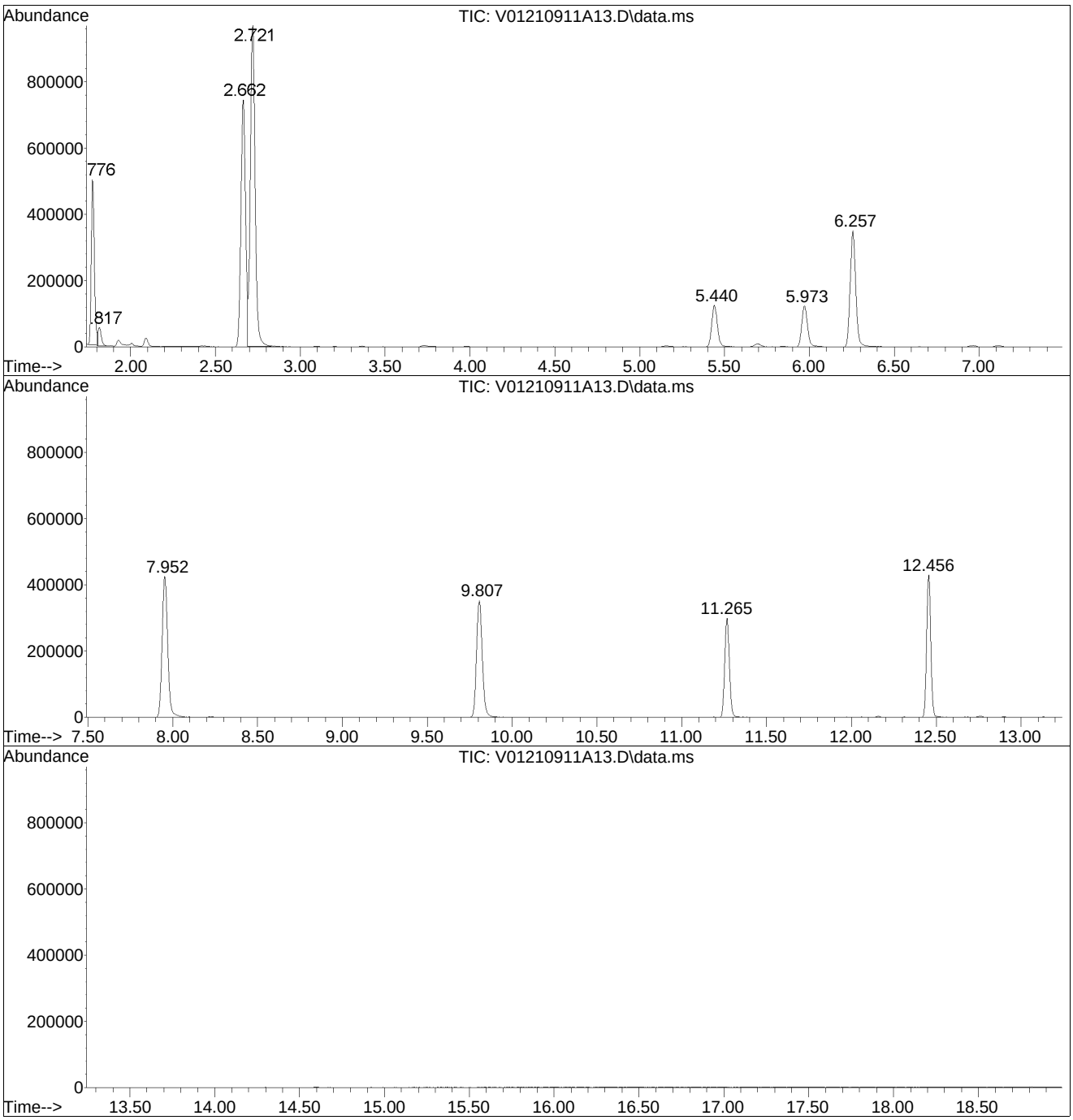
Sum of corrected areas: 8476044

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A13.D
Acq On : 11 Sep 2021 2:23 pm
Operator : VOA101:PD
Sample : L2148182-05,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 13 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A13.D
Acq On : 11 Sep 2021 2:23 pm
Operator : VOA101:PD
Sample : L2148182-05,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 13 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS

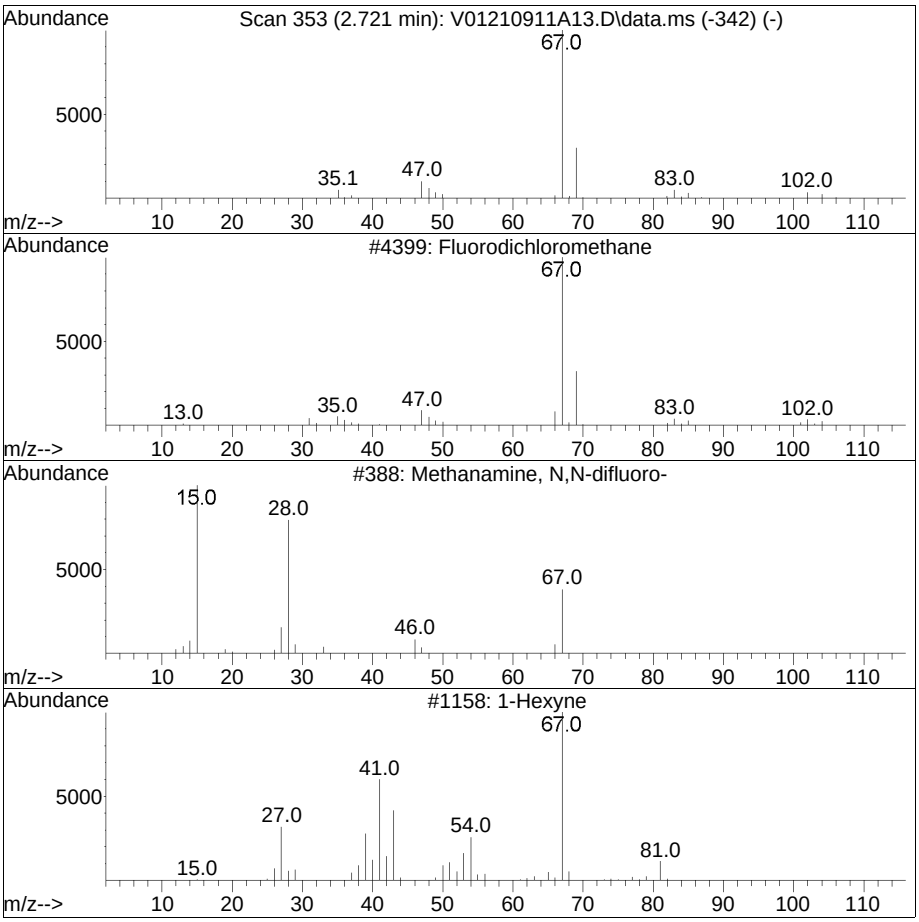
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

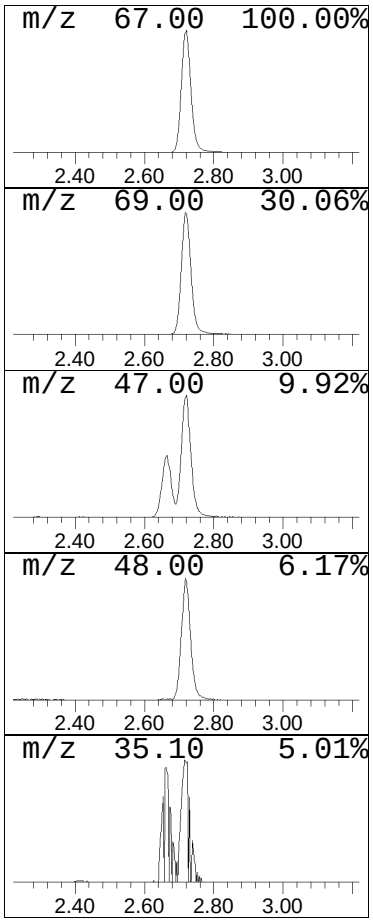
****

Peak Number 1 Fluorodichloromethane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.721	23.80 ug/L	1892620	Fluorobenzene	6.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorodichloromethane	102	CHCl2F	000075-43-4	91
2	Methanamine, N,N-difluoro-	67	CH3F2N	000753-58-2	5
3	1-Hexyne	82	C6H10	000693-02-7	4
4	1-Butyne, 3,3-dimethyl-	82	C6H10	000917-92-0	4
5	Chlorine dioxide	67	ClO2	010049-04-4	4





Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A13.D
Acq On : 11 Sep 2021 2:23 pm
Operator : VOA101:PD
Sample : L2148182-05,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 13 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Fluorodichlorom...	2.721	23.8	ug/L	1892620	1	6.257	795168	10.0

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A14.D
Acq On : 11 Sep 2021 2:46 pm
Operator : VOA101:PD
Sample : L2148182-04,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 13 12:10:20 2021
Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210911A\V01210911A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.257	96	359103	10.000	ug/L	0.00
Standard Area 1 = 384751			Recovery = 93.33%			
59) Chlorobenzene-d5	9.810	117	259954	10.000	ug/L	0.00
Standard Area 1 = 282294			Recovery = 92.09%			
79) 1,4-Dichlorobenzene-d4	12.456	152	110916	10.000	ug/L	0.00
Standard Area 1 = 118126			Recovery = 93.90%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.443	113	89353	10.250	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.50%			
43) 1,2-Dichloroethane-d4	5.970	65	98993	10.386	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.86%			
60) Toluene-d8	7.953	98	343138	10.222	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.22%			
83) 4-Bromofluorobenzene	11.266	95	122537	10.674	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 106.74%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	1.966	50	180	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	2.389	94	60	N.D.		
6) Chloroethane	2.484	64	28	N.D.		
7) Trichlorofluoromethane	2.660	101	65	N.D.		
8) Ethyl ether	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.195	76	744	N.D.		
15) Methylene chloride	3.728	84	59	N.D.		
17) Acetone	0.000		0	N.D.	d	
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
20) Methyl tert-butyl ether	3.973	73	30	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
25) Acrylonitrile	0.000		0	N.D.		
27) Vinyl acetate	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	5.075	96	29	N.D.		
29) 2,2-Dichloropropane	0.000		0	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
32) Chloroform	0.000		0	N.D.		

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A14.D
Acq On : 11 Sep 2021 2:46 pm
Operator : VOA101:PD
Sample : L2148182-04,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 13 12:10:20 2021
Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210911A\V01210911A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	0.000		0		N.D.	
40) 1,1-Dichloropropene	0.000		0		N.D.	
41) Benzene	0.000		0		N.D.	
44) 1,2-Dichloroethane	6.037	62	139		N.D.	
48) Trichloroethene	0.000		0		N.D.	
50) Dibromomethane	0.000		0		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	0.000		0		N.D.	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	8.031	92	68		N.D.	
62) 4-Methyl-2-pentanone	0.000		0		N.D.	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D.	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	0.000		0		N.D.	
73) Chlorobenzene	9.835	112	74		N.D.	
74) Ethylbenzene	9.866	91	69		N.D.	
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	10.072	106	78		N.D.	
77) o Xylene	0.000		0		N.D.	
78) Styrene	10.672	104	57		N.D.	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	10.945	105	27		N.D.	
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	11.416	91	206		N.D.	
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
88) 4-Ethyltoluene	11.645	105	104		N.D.	
89) 2-Chlorotoluene	11.572	91	26		N.D.	
90) 1,3,5-Trimethylbenzene	11.639	105	90		N.D.	
91) 1,2,3-Trichloropropane	0.000		0		N.D.	
92) trans-1,4-Dichloro-2-b...	0.000		0		N.D.	
93) 4-Chlorotoluene	11.770	91	82		N.D.	
94) tert-Butylbenzene	11.980	119	65		N.D.	

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A14.D
Acq On : 11 Sep 2021 2:46 pm
Operator : VOA101:PD
Sample : L2148182-04,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 13 12:10:20 2021
Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210911A\V01210911A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	12.044	105	233	N.D.		
98) sec-Butylbenzene	12.155	105	557	N.D.		
99) p-Isopropyltoluene	12.314	119	449	N.D.		
100) 1,3-Dichlorobenzene	12.389	146	167	N.D.		
101) 1,4-Dichlorobenzene	12.481	146	95	N.D.		
102) p-Diethylbenzene	12.682	119	272	N.D.		
103) n-Butylbenzene	12.732	91	242	N.D.		
104) 1,2-Dichlorobenzene	12.897	146	79	N.D.		
105) 1,2,4,5-Tetramethylben...	13.469	119	454	N.D.		
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
108) Hexachlorobutadiene	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	14.305	180	59	N.D.		
110) Naphthalene	14.590	128	587	N.D.		
111) 1,2,3-Trichlorobenzene	14.754	180	25	N.D.		

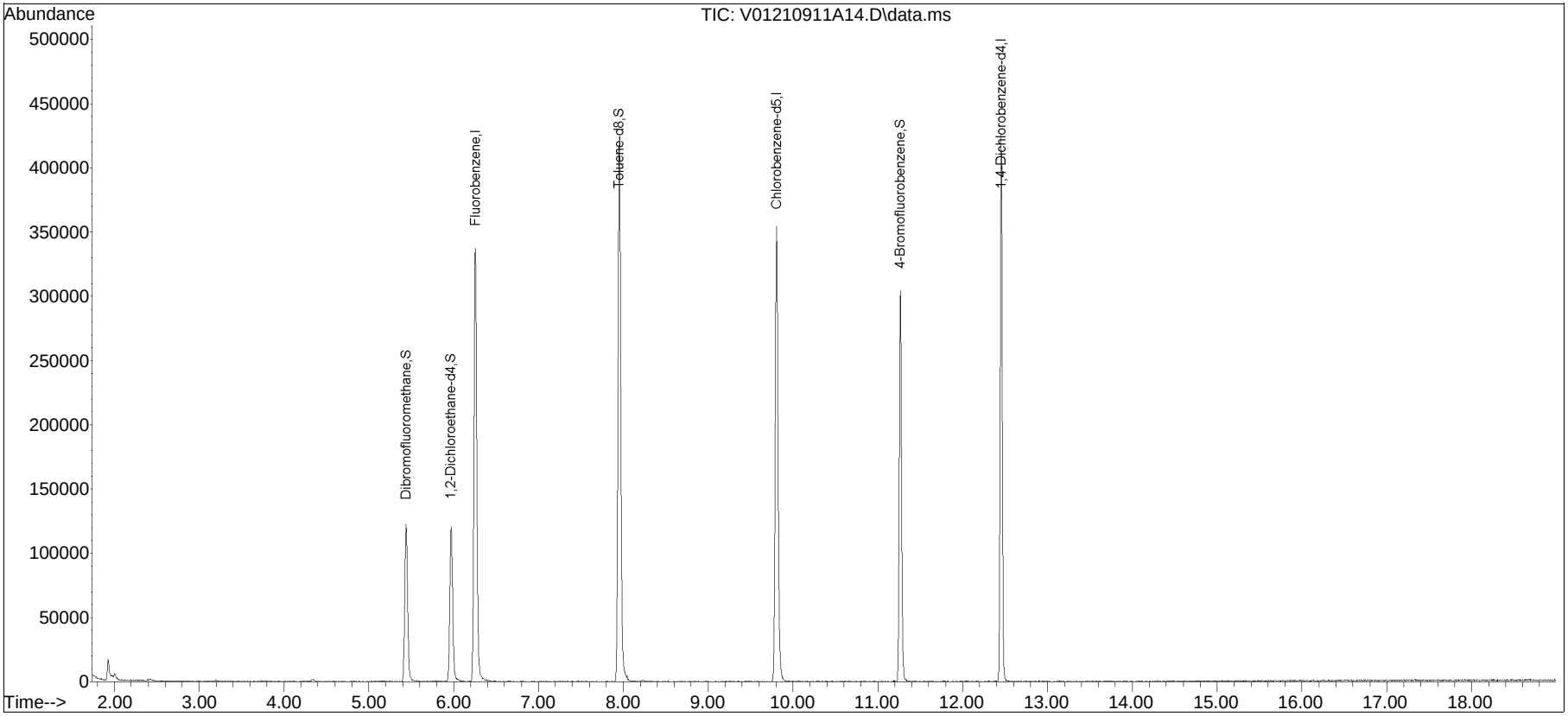
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A14.D
Acq On : 11 Sep 2021 2:46 pm
Operator : VOA101:PD
Sample : L2148182-04,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 13 12:10:20 2021
Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox10911A\V01210911A02.D•



Manual Integration Report

Data Path	: I:\VOLATILES\VOA101\2021\2Q	Method	: V101_210824A_8260.m
Data File	: V01210911A14.D	Operator	: VOA101:PD
Date Inj'd	: 9/11/2021 2:46 pm	Instrument	: VOA 101
Sample	: L2148182-04,31,10,10,,A,PR	Quant Date	: 9/13/2021 12:04 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A14.D
Acq On : 11 Sep 2021 2:46 pm
Operator : VOA101:PD
Sample : L2148182-04,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 14 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V01210911A14.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.440	1307	1328	1356	rBV3	122782	283983	29.55%	6.446%
2	5.973	1499	1519	1546	rBV4	120564	283385	29.48%	6.433%
3	6.254	1602	1620	1663	rBV2	337383	786498	81.83%	17.853%
4	7.953	2207	2229	2277	rBV	424261	961170	100.00%	21.818%
5	9.807	2872	2894	2929	rBV3	354398	811758	84.46%	18.427%
6	11.268	3402	3418	3443	rBV2	304050	566180	58.91%	12.852%
7	12.454	3827	3843	3867	rBV	425985	712394	74.12%	16.171%

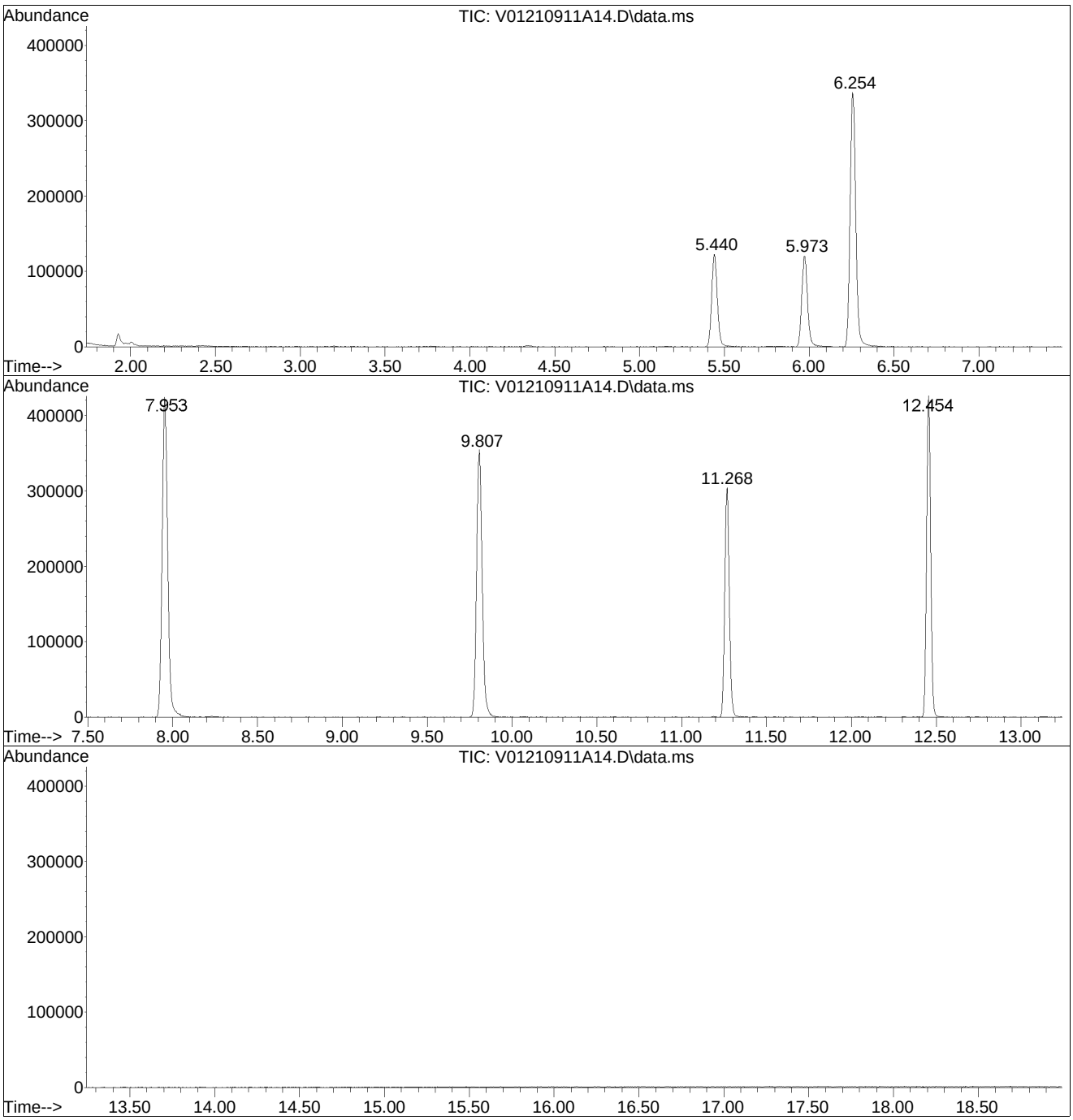
Sum of corrected areas: 4405368

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A14.D
Acq On : 11 Sep 2021 2:46 pm
Operator : VOA101:PD
Sample : L2148182-04,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 14 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A14.D
Acq On : 11 Sep 2021 2:46 pm
Operator : VOA101:PD
Sample : L2148182-04,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 14 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A14.D
Acq On : 11 Sep 2021 2:46 pm
Operator : VOA101:PD
Sample : L2148182-04,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 14 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

						Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A15.D
Acq On : 11 Sep 2021 3:09 pm
Operator : VOA101:PD
Sample : L2148182-03,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Sep 13 12:10:43 2021
Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210911A\V01210911A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.260	96	361014	10.000	ug/L	0.00
Standard Area 1 = 384751			Recovery = 93.83%			
59) Chlorobenzene-d5	9.810	117	263537	10.000	ug/L	0.00
Standard Area 1 = 282294			Recovery = 93.36%			
79) 1,4-Dichlorobenzene-d4	12.454	152	112046	10.000	ug/L	0.00
Standard Area 1 = 118126			Recovery = 94.85%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.443	113	88606	10.110	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.10%			
43) 1,2-Dichloroethane-d4	5.970	65	103049	10.754	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 107.54%			
60) Toluene-d8	7.956	98	350057	10.286	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.86%			
83) 4-Bromofluorobenzene	11.266	95	124319	10.720	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 107.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	1.982	50	543	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	0.000		0	N.D.	d	
6) Chloroethane	2.562	64	32	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
8) Ethyl ether	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.198	76	678	N.D.		
15) Methylene chloride	3.734	84	76	N.D.		
17) Acetone	3.781	43	2145	1.268	ug/L #	87
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
20) Methyl tert-butyl ether	3.979	73	155	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
25) Acrylonitrile	0.000		0	N.D.		
27) Vinyl acetate	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	5.075	96	30	N.D.		
29) 2,2-Dichloropropane	5.136	77	227	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
32) Chloroform	0.000		0	N.D.		

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A15.D
Acq On : 11 Sep 2021 3:09 pm
Operator : VOA101:PD
Sample : L2148182-03,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Sep 13 12:10:43 2021
Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210911A\V01210911A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	0.000		0		N.D.	
40) 1,1-Dichloropropene	5.582	75	26		N.D.	
41) Benzene	0.000		0		N.D.	
44) 1,2-Dichloroethane	6.040	62	310		N.D.	
48) Trichloroethene	6.397	95	58		N.D.	
50) Dibromomethane	0.000		0		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	0.000		0		N.D.	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	8.022	92	53		N.D.	
62) 4-Methyl-2-pentanone	0.000		0		N.D.	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D.	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	0.000		0		N.D.	
73) Chlorobenzene	9.824	112	129		N.D.	
74) Ethylbenzene	9.869	91	47		N.D.	
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	10.061	106	45		N.D.	
77) o Xylene	10.591	106	32		N.D.	
78) Styrene	10.680	104	122		N.D.	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	10.953	105	116		N.D.	
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	11.425	91	322		N.D.	
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
88) 4-Ethyltoluene	11.542	105	464		N.D.	
89) 2-Chlorotoluene	0.000		0		N.D.	
90) 1,3,5-Trimethylbenzene	11.628	105	34		N.D.	
91) 1,2,3-Trichloropropane	0.000		0		N.D.	
92) trans-1,4-Dichloro-2-b...	0.000		0		N.D.	
93) 4-Chlorotoluene	11.765	91	31		N.D.	
94) tert-Butylbenzene	11.966	119	219		N.D.	

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A15.D
Acq On : 11 Sep 2021 3:09 pm
Operator : VOA101:PD
Sample : L2148182-03,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Sep 13 12:10:43 2021
Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210911A\V01210911A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	12.052	105	360	N.D.		
98) sec-Butylbenzene	12.158	105	491	N.D.		
99) p-Isopropyltoluene	12.303	119	584	N.D.		
100) 1,3-Dichlorobenzene	12.384	146	122	N.D.		
101) 1,4-Dichlorobenzene	12.473	146	255	N.D.		
102) p-Diethylbenzene	12.688	119	286	N.D.		
103) n-Butylbenzene	12.741	91	404	N.D.		
104) 1,2-Dichlorobenzene	12.886	146	28	N.D.		
105) 1,2,4,5-Tetramethylben...	13.455	119	81	N.D.		
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
108) Hexachlorobutadiene	14.263	225	37	N.D.		
109) 1,2,4-Trichlorobenzene	14.305	180	26	N.D.		
110) Naphthalene	0.000		0	N.D.	d	
111) 1,2,3-Trichlorobenzene	14.754	180	89	N.D.		

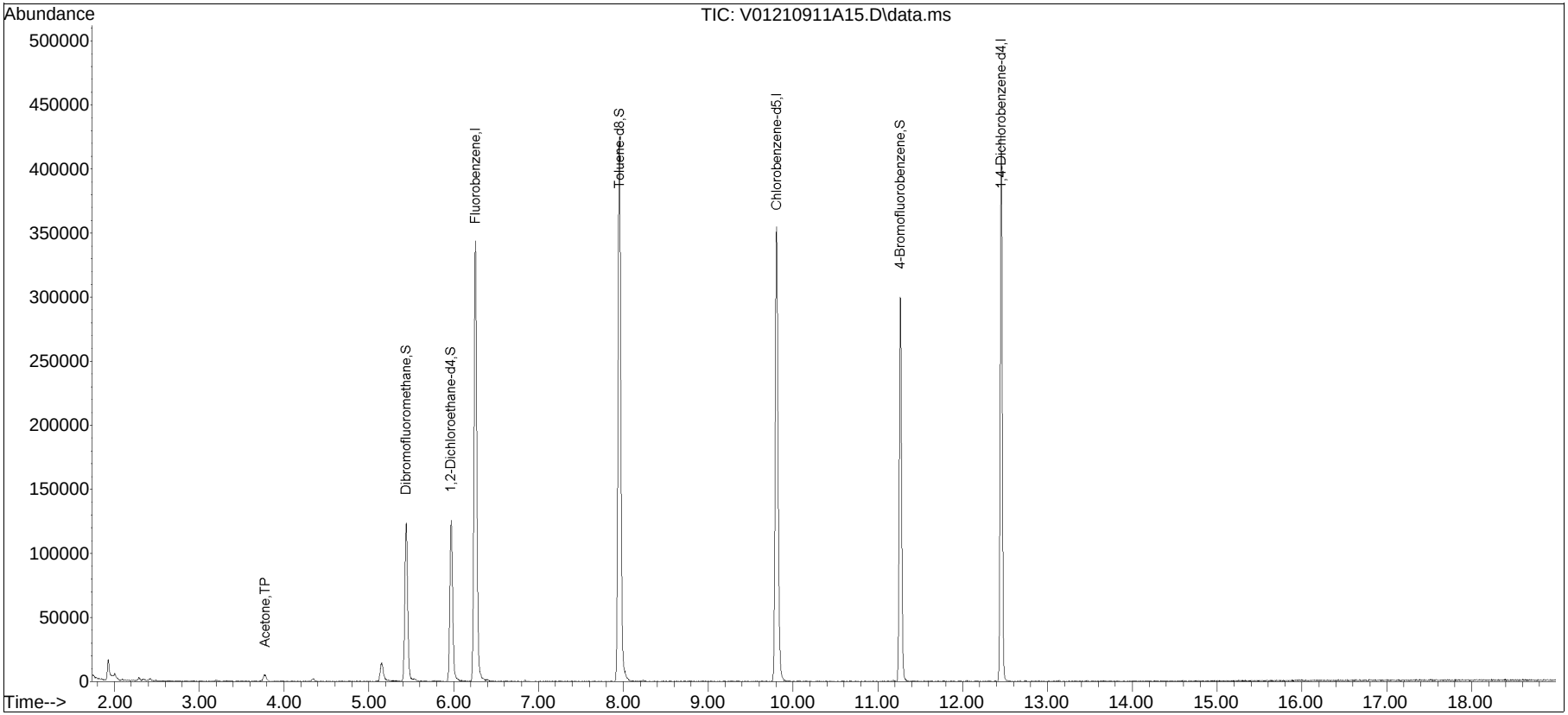
(#) = qualifier out of range (m) = manual integration (+) = signals summed

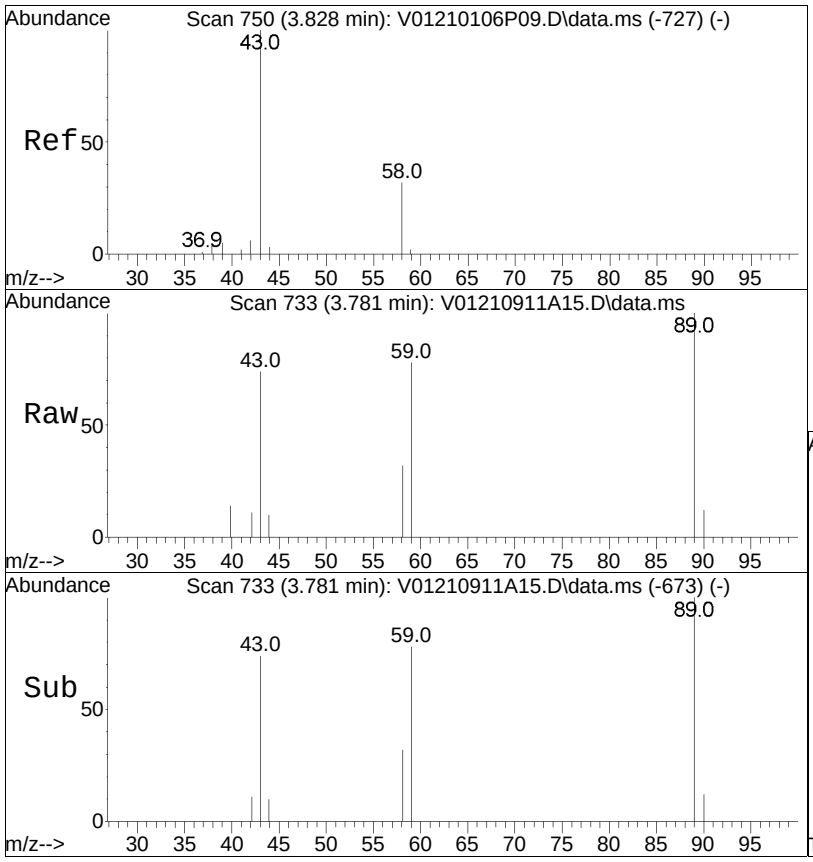
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A15.D
Acq On : 11 Sep 2021 3:09 pm
Operator : VOA101:PD
Sample : L2148182-03,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Sep 13 12:10:43 2021
Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox10911A\V01210911A02.D•

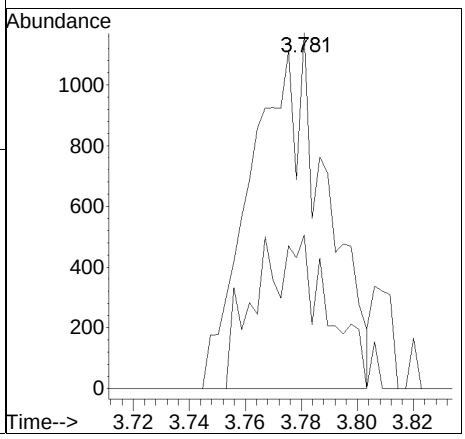




#17
Acetone
Concen: 1.27 ug/L
RT: 3.781 min Scan# 733
Delta R.T. 0.017 min
Lab File: V01210911A15.D
Acq: 11 Sep 2021 3:09 pm

Tgt Ion: 43 Resp: 2145

Ion	Ratio	Lower	Upper
43	100		
58	24.9	25.9	38.9#



Manual Integration Report

Data Path	: I:\VOLATILES\VOA101\2021\2Q	Method	: V101_210824A_8260.m
Data File	: V01210911A15.D	Operator	: VOA101:PD
Date Inj'd	: 9/11/2021 3:09 pm	Instrument	: VOA 101
Sample	: L2148182-03,31,10,10,,A,PR	Quant Date	: 9/13/2021 12:04 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A15.D
Acq On : 11 Sep 2021 3:09 pm
Operator : VOA101:PD
Sample : L2148182-03,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 15 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V01210911A15.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.153	1206	1225	1243	rBV2	14788	38131	3.91%	0.850%
2	5.443	1310	1329	1351	rBV2	123626	285843	29.32%	6.371%
3	5.970	1500	1518	1552	rBV2	125879	292129	29.97%	6.511%
4	6.257	1597	1621	1649	rBV2	343926	790850	81.13%	17.628%
5	7.953	2207	2229	2269	rBV	425339	974750	100.00%	21.727%
6	9.807	2871	2894	2925	rBV3	355118	821031	84.23%	18.301%
7	11.266	3400	3417	3442	rBV2	300265	566926	58.16%	12.637%
8	12.454	3828	3843	3874	rBV	426992	716704	73.53%	15.975%

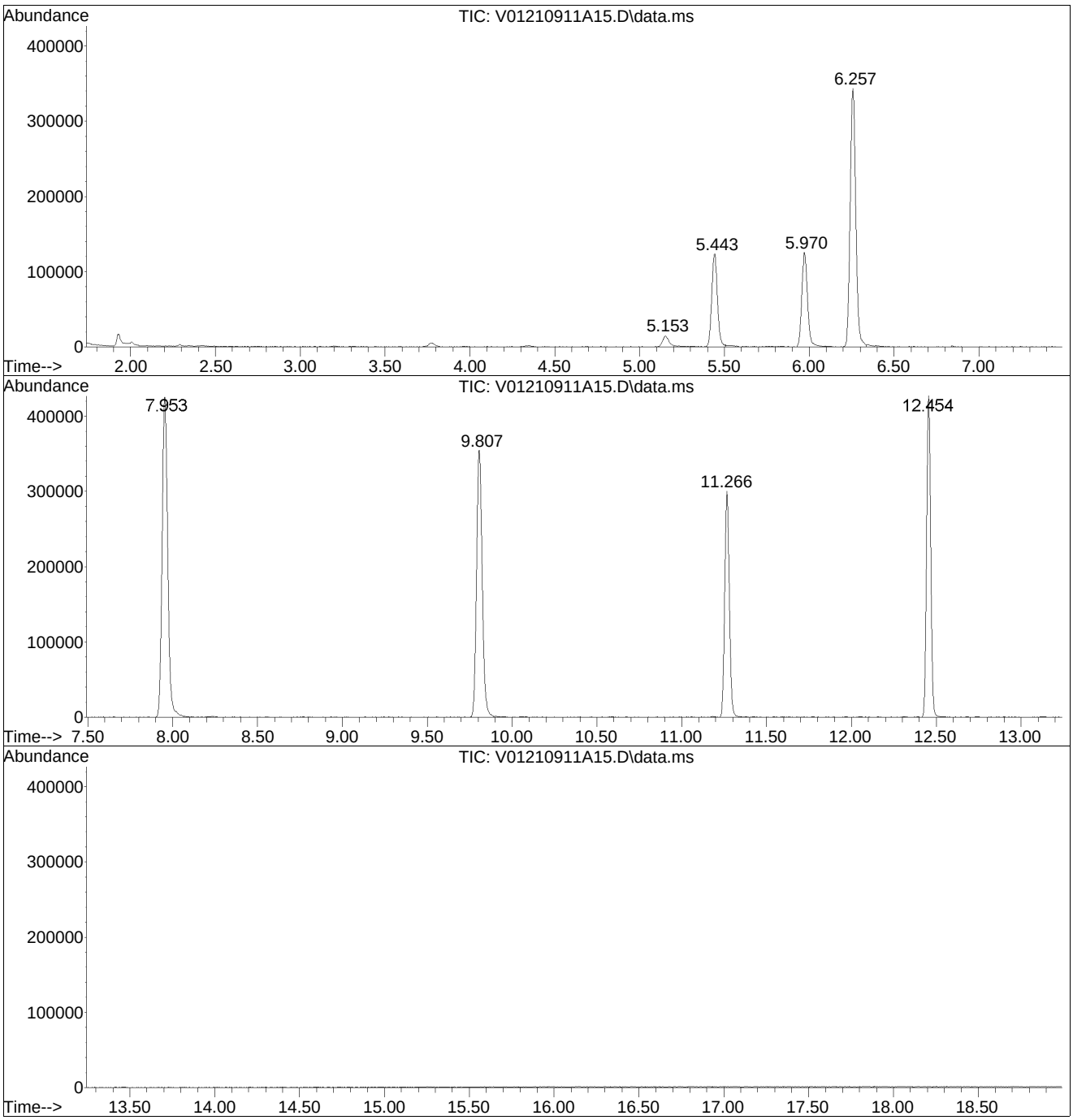
Sum of corrected areas: 4486364

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A15.D
Acq On : 11 Sep 2021 3:09 pm
Operator : VOA101:PD
Sample : L2148182-03,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 15 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A15.D
Acq On : 11 Sep 2021 3:09 pm
Operator : VOA101:PD
Sample : L2148182-03,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 15 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A15.D
Acq On : 11 Sep 2021 3:09 pm
Operator : VOA101:PD
Sample : L2148182-03,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 15 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A16.D
Acq On : 11 Sep 2021 3:32 pm
Operator : VOA101:PD
Sample : L2148182-02,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 13 12:11:28 2021
Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210911A\V01210911A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.257	96	352137	10.000	ug/L	0.00
Standard Area 1 = 384751			Recovery = 91.52%			
59) Chlorobenzene-d5	9.804	117	257168	10.000	ug/L	0.00
Standard Area 1 = 282294			Recovery = 91.10%			
79) 1,4-Dichlorobenzene-d4	12.454	152	110650	10.000	ug/L	0.00
Standard Area 1 = 118126			Recovery = 93.67%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.443	113	86020	10.063	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.63%			
43) 1,2-Dichloroethane-d4	5.970	65	98545	10.543	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 105.43%			
60) Toluene-d8	7.955	98	339810	10.233	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.33%			
83) 4-Bromofluorobenzene	11.266	95	122169	10.668	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 106.68%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	1.974	50	61	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	0.000		0	N.D.	d	
6) Chloroethane	2.389	64	48	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
8) Ethyl ether	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.198	76	631	N.D.		
15) Methylene chloride	3.733	84	194	N.D.		
17) Acetone	3.775	43	1161M3	0.704	ug/L	
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
20) Methyl tert-butyl ether	3.982	73	103	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
25) Acrylonitrile	0.000		0	N.D.	d	
27) Vinyl acetate	4.712	43	101	N.D.		
28) cis-1,2-Dichloroethene	5.075	96	58	N.D.		
29) 2,2-Dichloropropane	0.000		0	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
32) Chloroform	5.200	83	149	N.D.		

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A16.D
Acq On : 11 Sep 2021 3:32 pm
Operator : VOA101:PD
Sample : L2148182-02,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 13 12:11:28 2021
Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210911A\V01210911A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0	N.D.		
37) 1,1,1-Trichloroethane	0.000		0	N.D.		
39) 2-Butanone	5.557	43	62	N.D.		
40) 1,1-Dichloropropene	0.000		0	N.D.		
41) Benzene	5.842	78	1894	N.D.		
44) 1,2-Dichloroethane	0.000		0	N.D.		
48) Trichloroethene	6.472	95	72	N.D.		
50) Dibromomethane	0.000		0	N.D.		
51) 1,2-Dichloropropane	0.000		0	N.D.		
54) Bromodichloromethane	0.000		0	N.D.		
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	0.000		0	N.D.		
61) Toluene	8.011	92	242	N.D.		
62) 4-Methyl-2-pentanone	0.000		0	N.D.		
63) Tetrachloroethene	0.000		0	N.D.		
65) trans-1,3-Dichloropropene	0.000		0	N.D.		
68) 1,1,2-Trichloroethane	8.680	83	27	N.D.		
69) Chlorodibromomethane	0.000		0	N.D.		
70) 1,3-Dichloropropane	0.000		0	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.		
72) 2-Hexanone	0.000		0	N.D.		
73) Chlorobenzene	9.815	112	478	N.D.		
74) Ethylbenzene	9.863	91	20676	0.489	ug/L	99
75) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
76) p/m Xylene	10.080	106	60	N.D.		
77) o Xylene	10.580	106	2529	0.175	ug/L	76
78) Styrene	0.000		0	N.D.		
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	10.953	105	8422	0.242	ug/L	95
84) Bromobenzene	0.000		0	N.D.		
85) n-Propylbenzene	11.422	91	14589	0.369	ug/L	94
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
88) 4-Ethyltoluene	11.522	105	588	N.D.		
89) 2-Chlorotoluene	11.592	91	179	N.D.		
90) 1,3,5-Trimethylbenzene	11.631	105	133	N.D.		
91) 1,2,3-Trichloropropane	0.000		0	N.D.		
92) trans-1,4-Dichloro-2-b...	0.000		0	N.D.		
93) 4-Chlorotoluene	0.000		0	N.D. d		
94) tert-Butylbenzene	11.977	119	552	N.D.		

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A16.D
Acq On : 11 Sep 2021 3:32 pm
Operator : VOA101:PD
Sample : L2148182-02,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 13 12:11:28 2021
Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210911A\V01210911A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
97)	1,2,4-Trimethylbenzene	12.049	105	12303	0.477	ug/L		95
98)	sec-Butylbenzene	12.158	105	6724	0.214	ug/L	#	71
99)	p-Isopropyltoluene	0.000		0	N.D.	d		
100)	1,3-Dichlorobenzene	12.387	146	735	N.D.			
101)	1,4-Dichlorobenzene	12.467	146	2557	0.187	ug/L	#	58
102)	p-Diethylbenzene	12.677	119	2324	0.163	ug/L	#	5
103)	n-Butylbenzene	12.738	91	3389	0.161	ug/L	#	59
104)	1,2-Dichlorobenzene	12.883	146	170	N.D.			
105)	1,2,4,5-Tetramethylben...	13.466	119	10878	0.585	ug/L		94
106)	1,2-Dibromo-3-chloropr...	0.000		0	N.D.			
108)	Hexachlorobutadiene	14.255	225	33	N.D.			
109)	1,2,4-Trichlorobenzene	14.288	180	41	N.D.			
110)	Naphthalene	14.590	128	2994	0.266	ug/L		100
111)	1,2,3-Trichlorobenzene	14.760	180	29	N.D.			

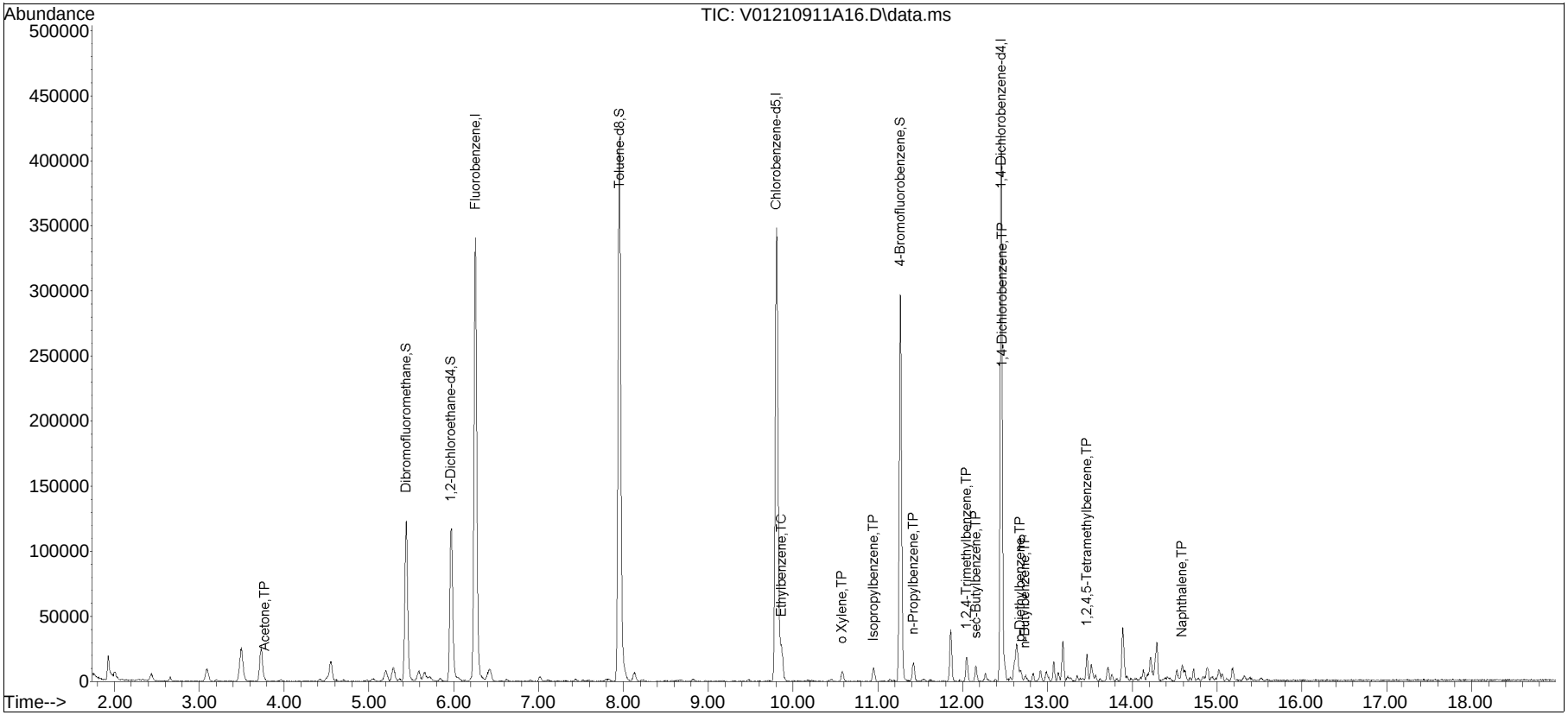
(#) = qualifier out of range (m) = manual integration (+) = signals summed

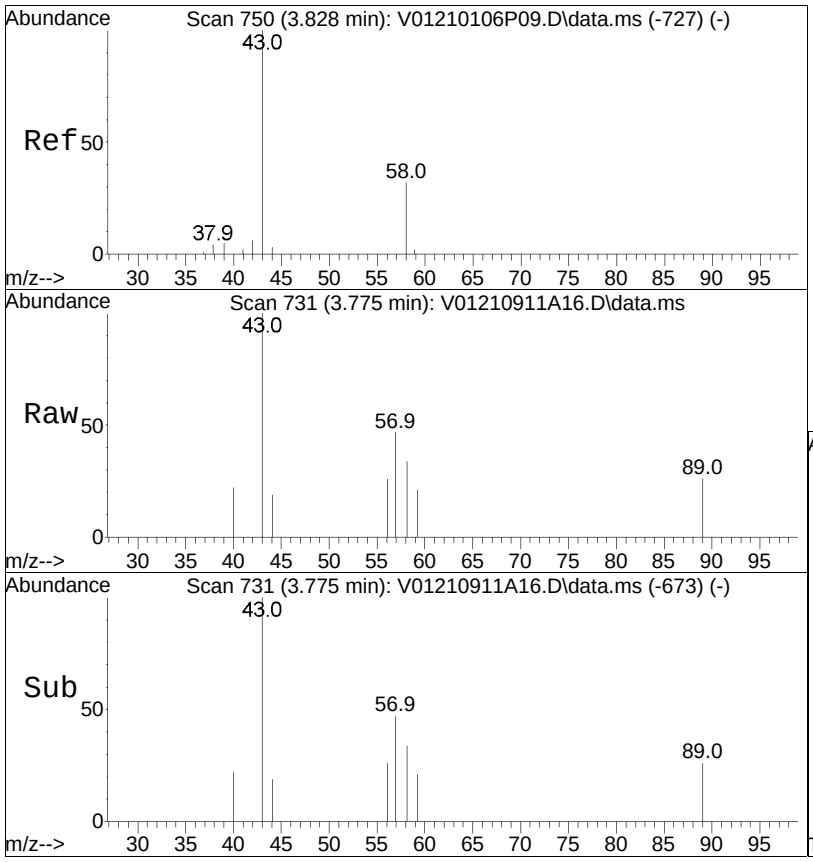
Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A16.D
Acq On : 11 Sep 2021 3:32 pm
Operator : VOA101:PD
Sample : L2148182-02,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 13 12:11:28 2021
Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox10911A\V01210911A02.D•

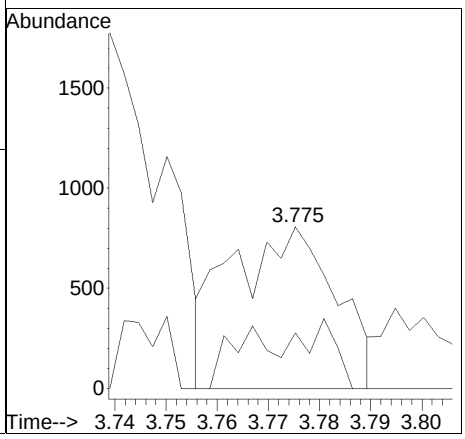


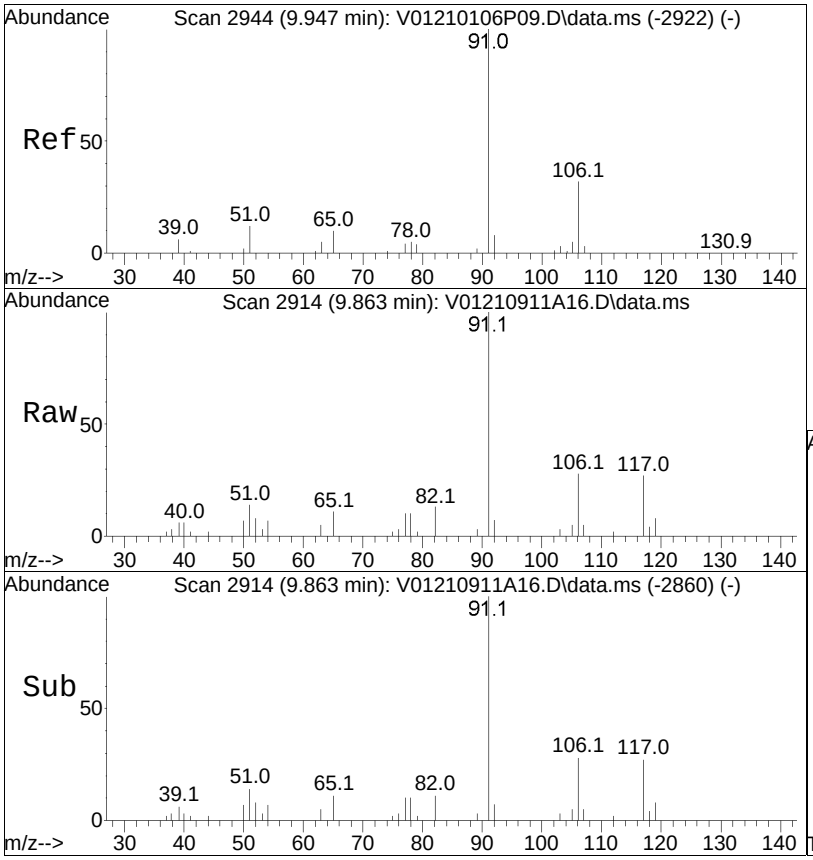


#17
Acetone
Concen: 0.70 ug/L M3
RT: 3.775 min Scan# 731
Delta R.T. 0.011 min
Lab File: V01210911A16.D
Acq: 11 Sep 2021 3:32 pm

Tgt Ion: 43 Resp: 1161

Ion	Ratio	Lower	Upper
43	100		
58	14.5	25.9	38.9#

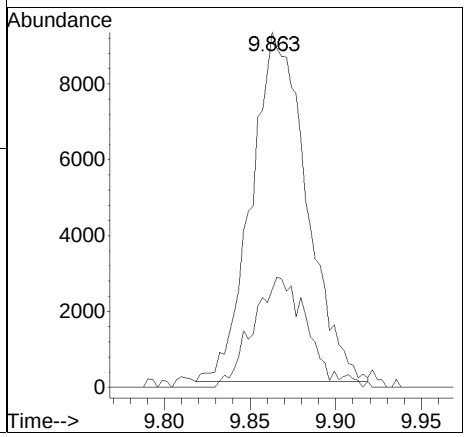


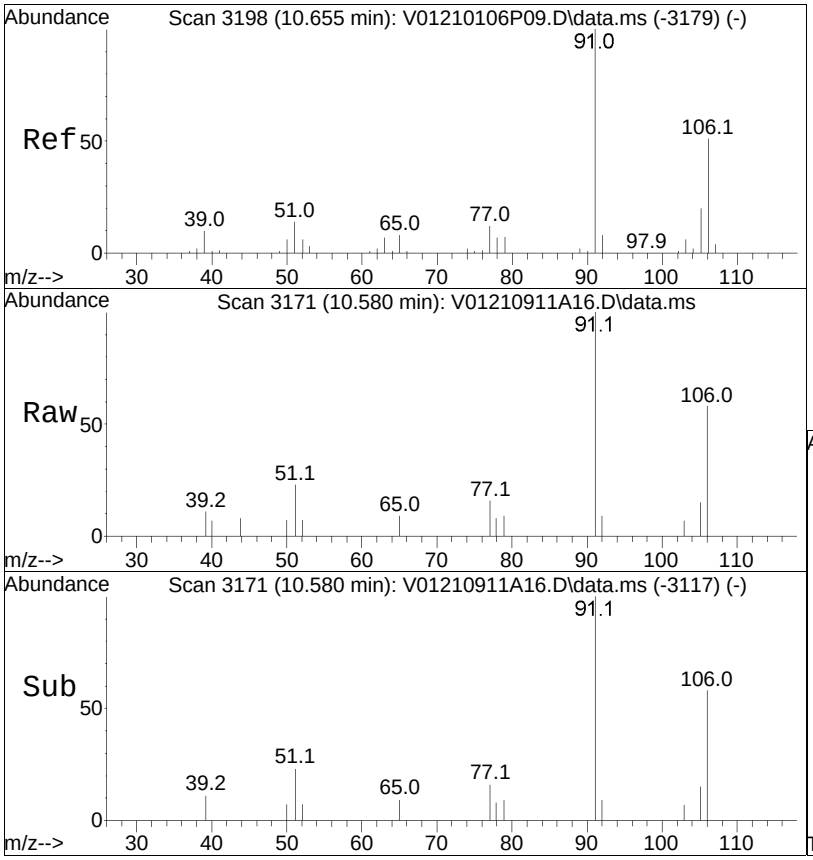


#74
Ethylbenzene
Concen: 0.49 ug/L
RT: 9.863 min Scan# 2914
Delta R.T. -0.000 min
Lab File: V01210911A16.D
Acq: 11 Sep 2021 3:32 pm

Tgt Ion: 91 Resp: 20676

Ion	Ratio	Lower	Upper
91	100		
106	30.5	24.7	37.1

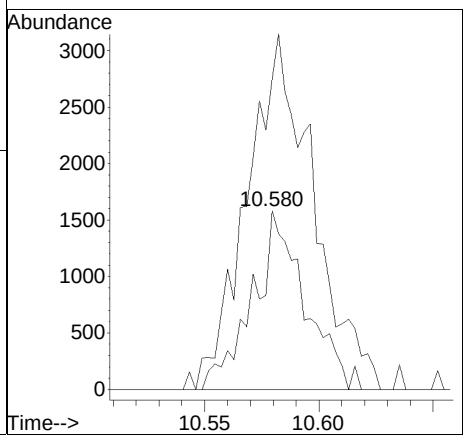


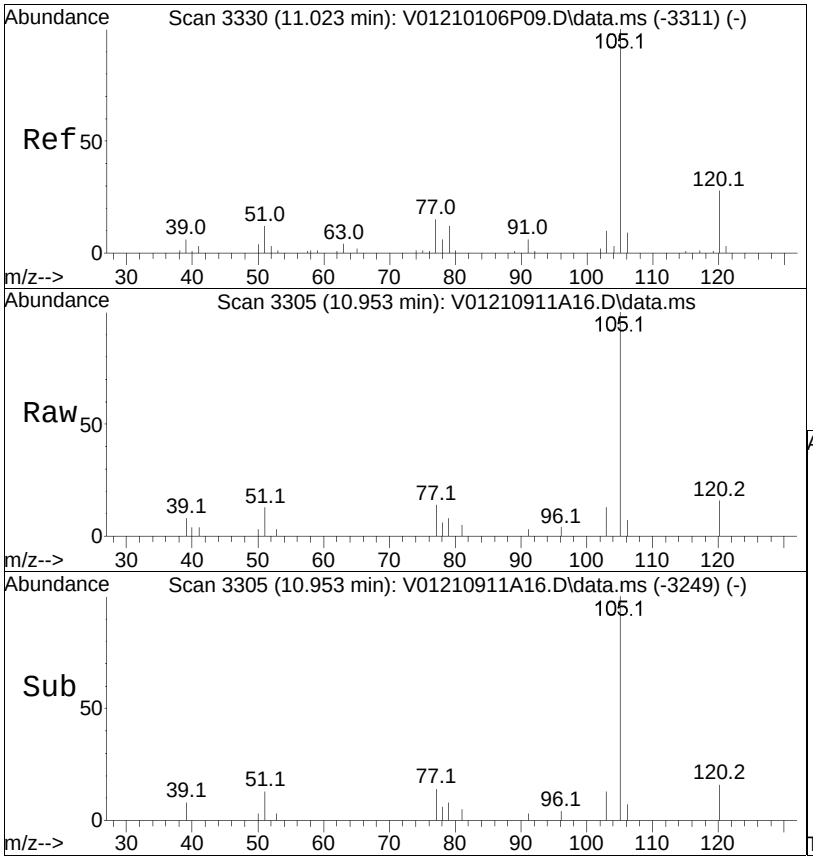


#77
o Xylene
Concen: 0.17 ug/L
RT: 10.580 min Scan# 3171
Delta R.T. 0.001 min
Lab File: V01210911A16.D
Acq: 11 Sep 2021 3:32 pm

Tgt Ion:106 Resp: 2529

Ion	Ratio	Lower	Upper
106	100		
91	251.4	171.2	256.8

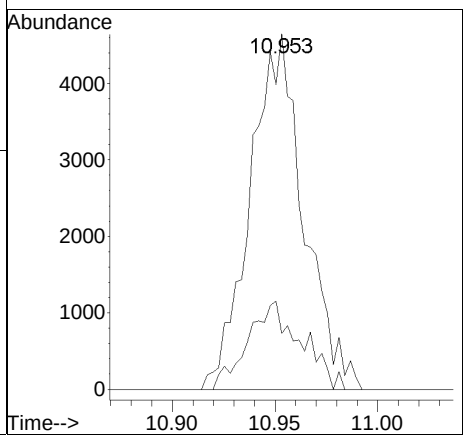


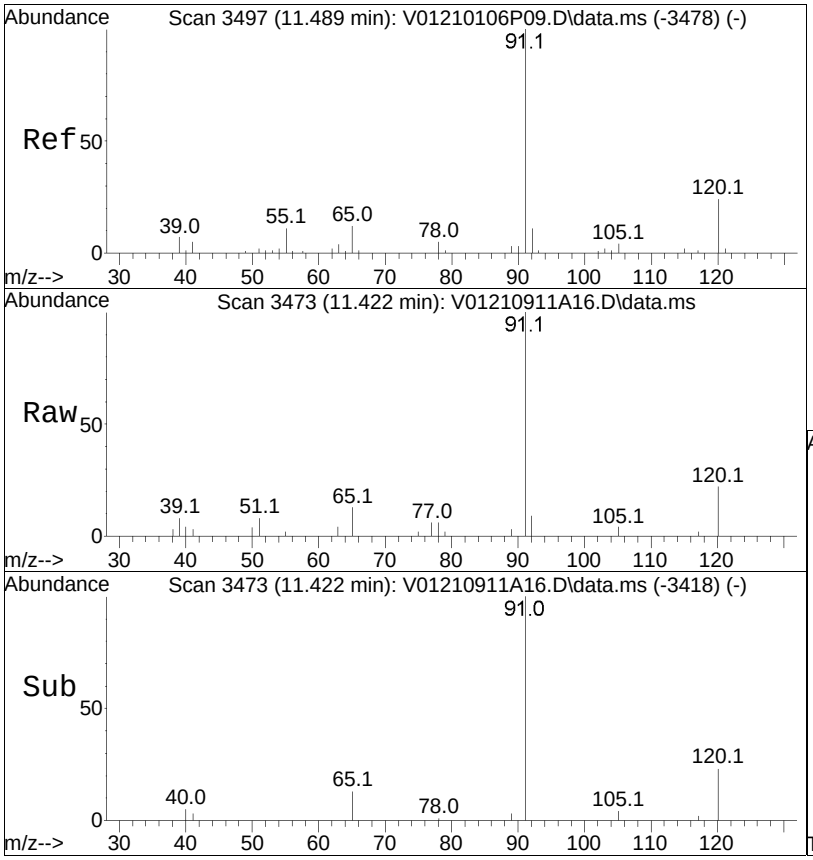


#82
Isopropylbenzene
Concen: 0.24 ug/L
RT: 10.953 min Scan# 3305
Delta R.T. 0.005 min
Lab File: V01210911A16.D
Acq: 11 Sep 2021 3:32 pm

Tgt Ion:105 Resp: 8422

Ion	Ratio	Lower	Upper
105	100		
120	24.7	7.3	47.3

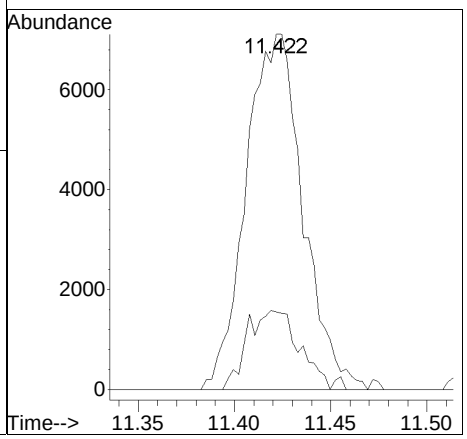


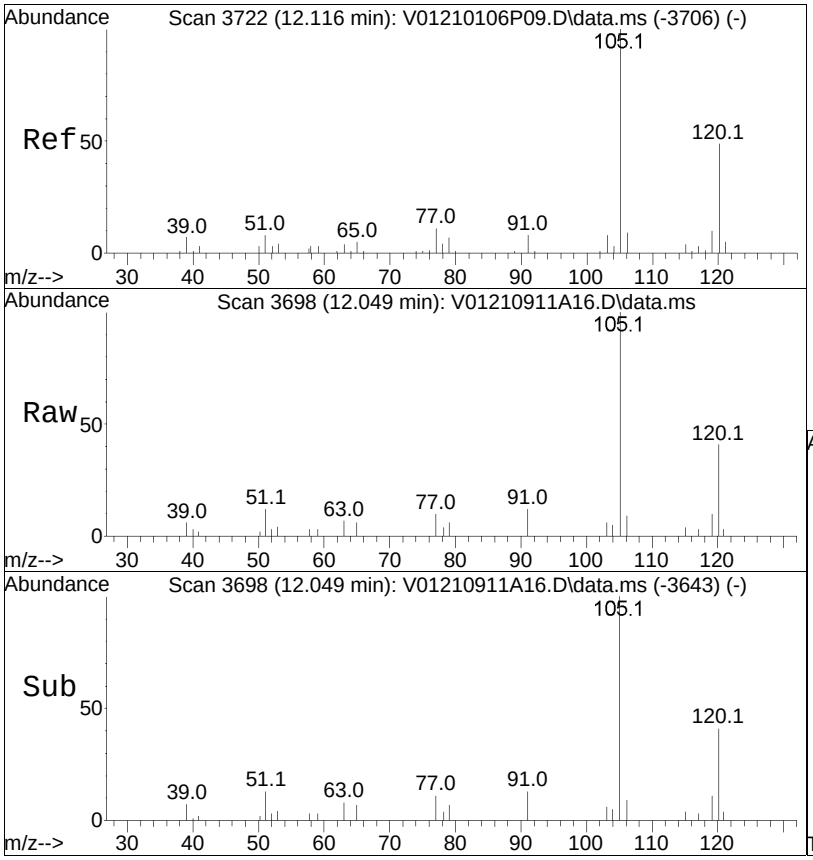


#85
n-Propylbenzene
Concen: 0.37 ug/L
RT: 11.422 min Scan# 3473
Delta R.T. 0.003 min
Lab File: V01210911A16.D
Acq: 11 Sep 2021 3:32 pm

Tgt Ion: 91 Resp: 14589

Ion	Ratio	Lower	Upper
91	100		
120	20.3	18.6	28.0

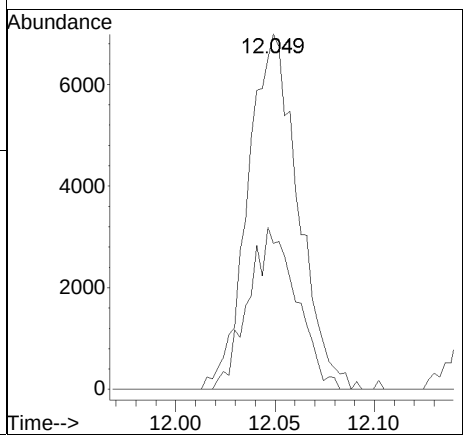


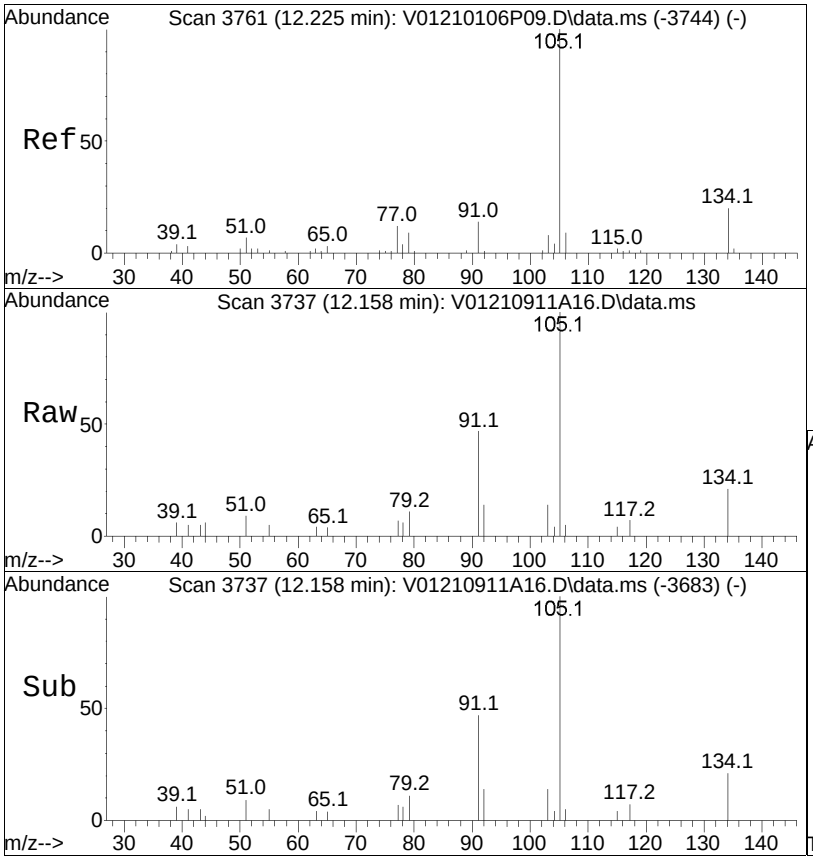


#97
1,2,4-Trimethylbenzene
Concen: 0.48 ug/L
RT: 12.049 min Scan# 3698
Delta R.T. 0.003 min
Lab File: V01210911A16.D
Acq: 11 Sep 2021 3:32 pm

Tgt Ion:105 Resp: 12303

Ion	Ratio	Lower	Upper
105	100		
120	43.8	37.8	56.6

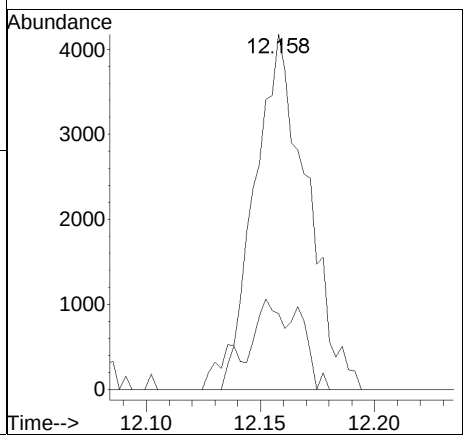


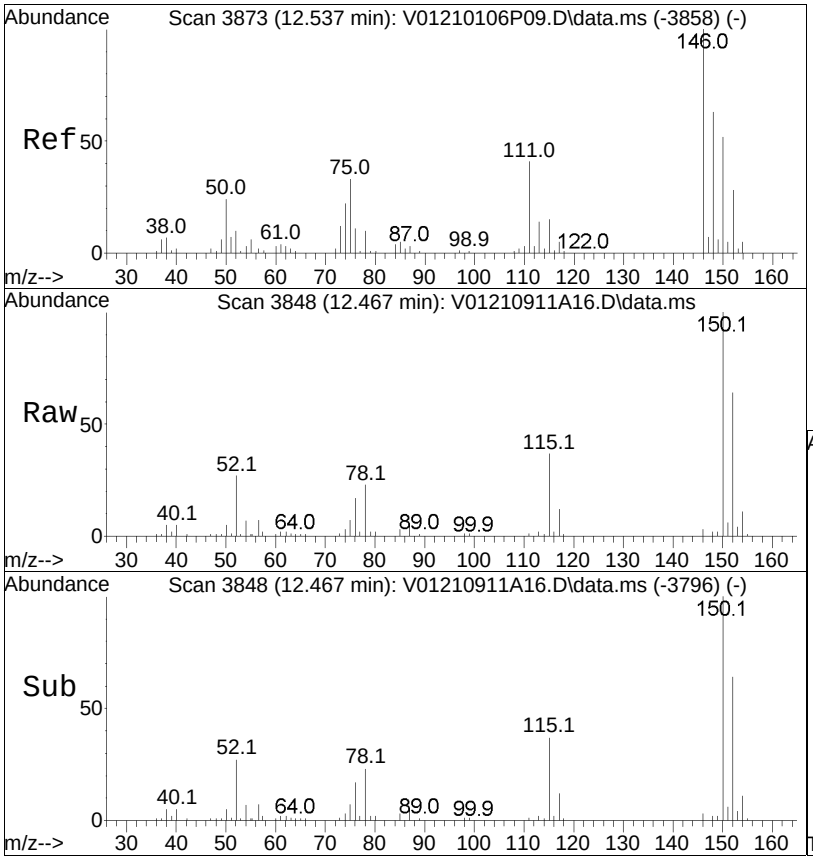


#98
sec-Butylbenzene
Concen: 0.21 ug/L
RT: 12.158 min Scan# 3737
Delta R.T. -0.000 min
Lab File: V01210911A16.D
Acq: 11 Sep 2021 3:32 pm

Tgt Ion:105 Resp: 6724

Ion	Ratio	Lower	Upper
105	100		
134	7.8	14.0	29.0#

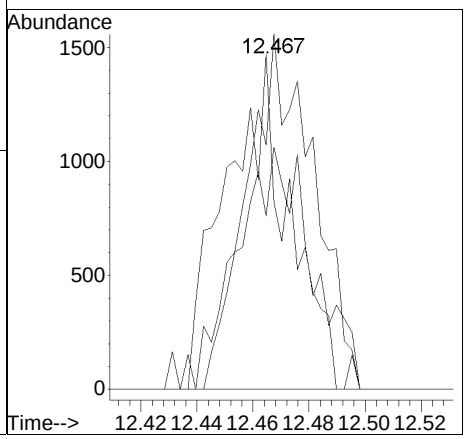


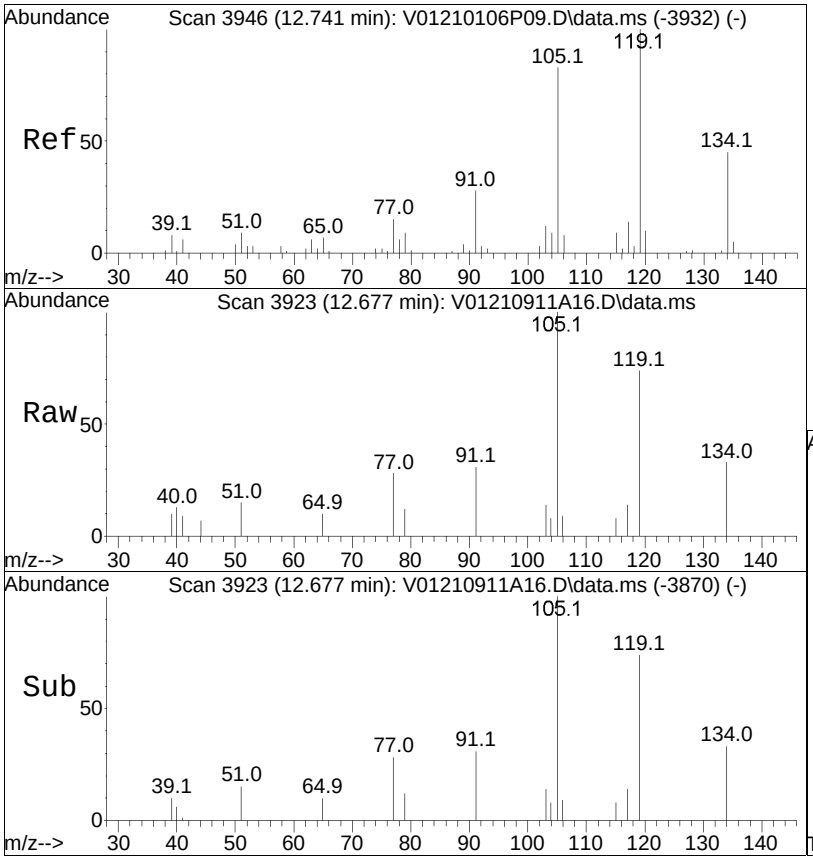


#101
1,4-Dichlorobenzene
Concen: 0.19 ug/L
RT: 12.467 min Scan# 3848
Delta R.T. -0.006 min
Lab File: V01210911A16.D
Acq: 11 Sep 2021 3:32 pm

Tgt Ion:146 Resp: 2557

Ion	Ratio	Lower	Upper
146	100		
111	90.2	31.7	47.5#
148	77.6	51.5	77.3#

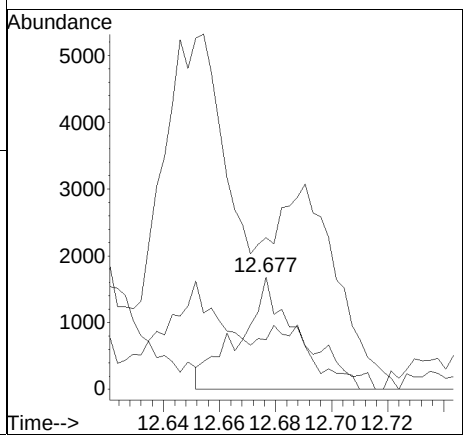


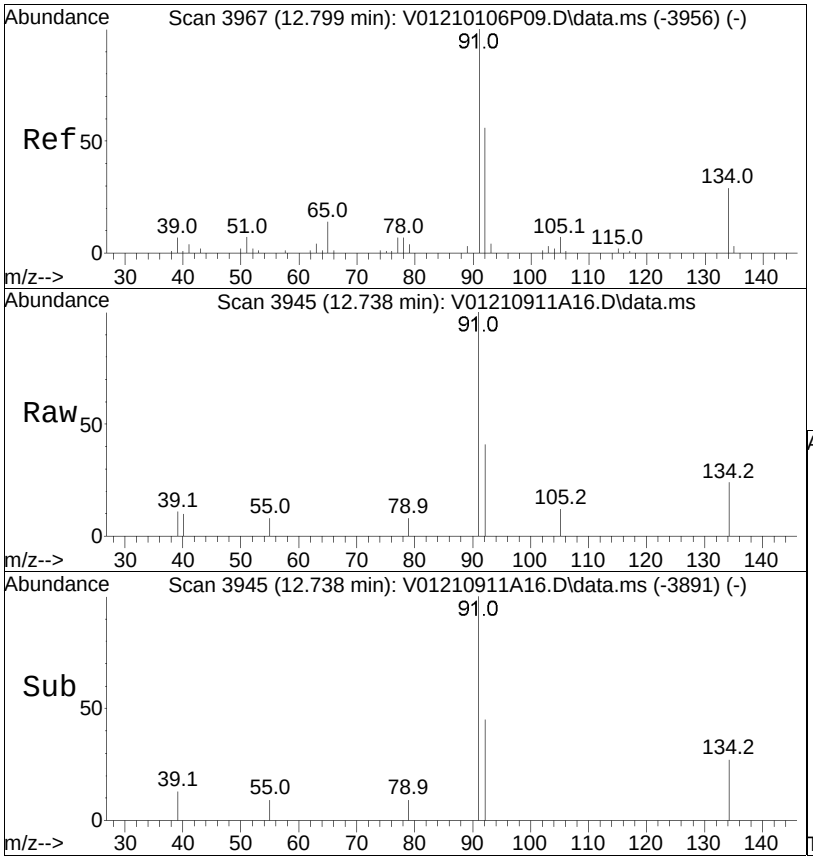


#102
p-Diethylbenzene
Concen: 0.16 ug/L
RT: 12.677 min Scan# 3923
Delta R.T. -0.002 min
Lab File: V01210911A16.D
Acq: 11 Sep 2021 3:32 pm

Tgt Ion:119 Resp: 2324

Ion	Ratio	Lower	Upper
119	100		
105	180.6	54.1	112.3#
134	0.0	31.5	65.3#

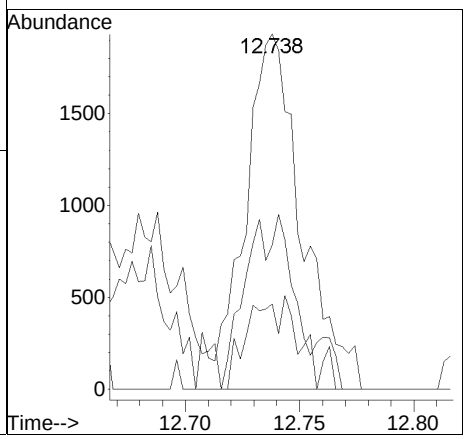


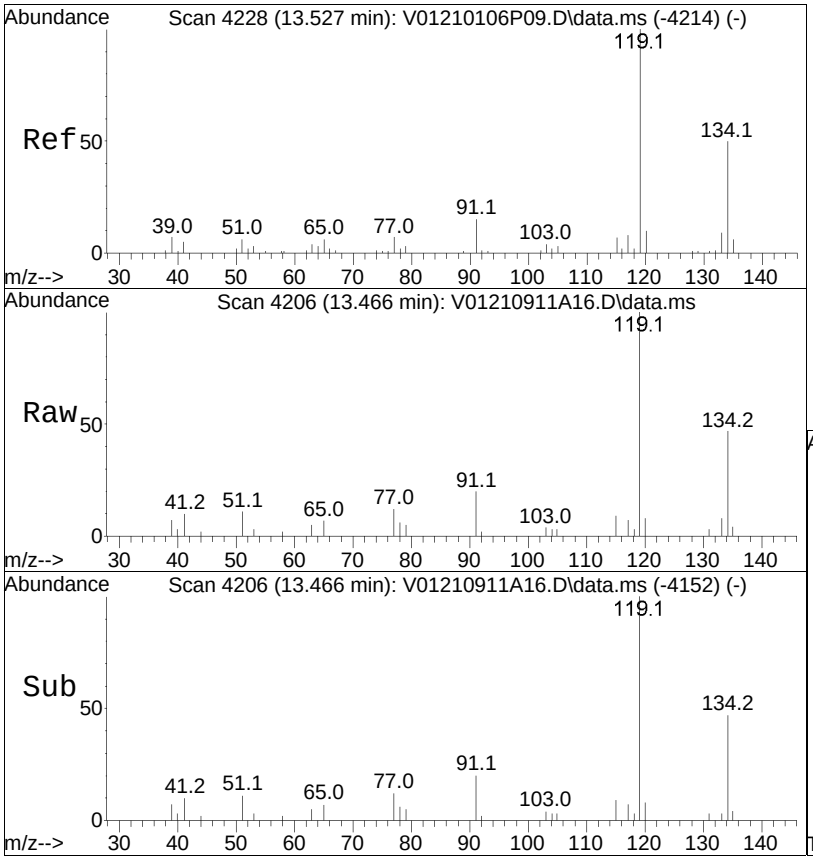


#103
n-Butylbenzene
Concen: 0.16 ug/L
RT: 12.738 min Scan# 3945
Delta R.T. -0.000 min
Lab File: V01210911A16.D
Acq: 11 Sep 2021 3:32 pm

Tgt Ion: 91 Resp: 3389

Ion	Ratio	Lower	Upper
91	100		
92	20.1	43.7	65.5#
134	14.0	22.1	33.1#

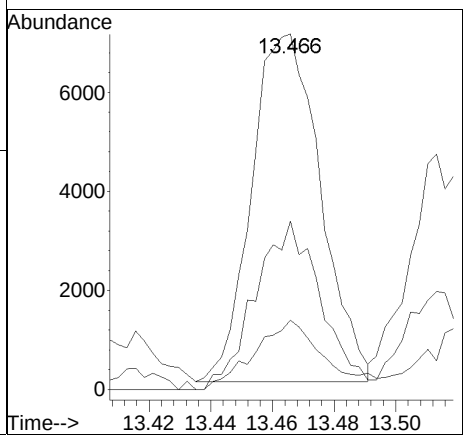


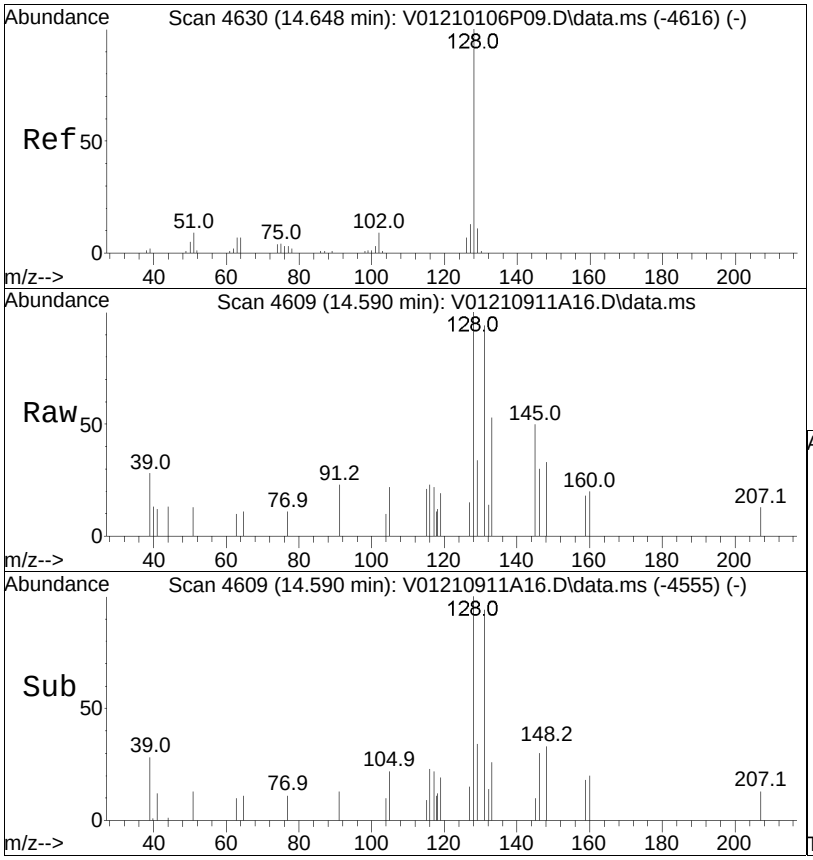


#105
1,2,4,5-Tetramethylbenzene
Concen: 0.59 ug/L
RT: 13.466 min Scan# 4206
Delta R.T. -0.000 min
Lab File: V01210911A16.D
Acq: 11 Sep 2021 3:32 pm

Tgt Ion:119 Resp: 10878

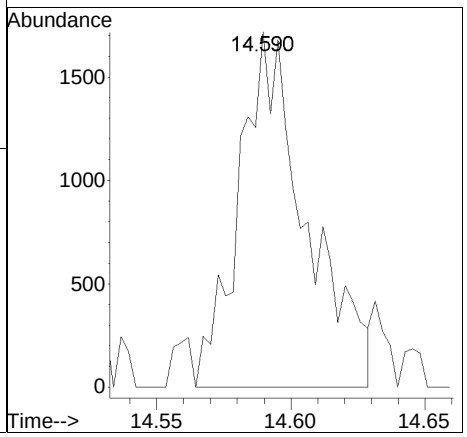
Ion	Ratio	Lower	Upper
119	100		
134	46.1	31.9	66.1
91	20.0	10.3	21.5





#110
Naphthalene
Concen: 0.27 ug/L
RT: 14.590 min Scan# 4609
Delta R.T. 0.003 min
Lab File: V01210911A16.D
Acq: 11 Sep 2021 3:32 pm

Tgt Ion:128 Resp: 2994

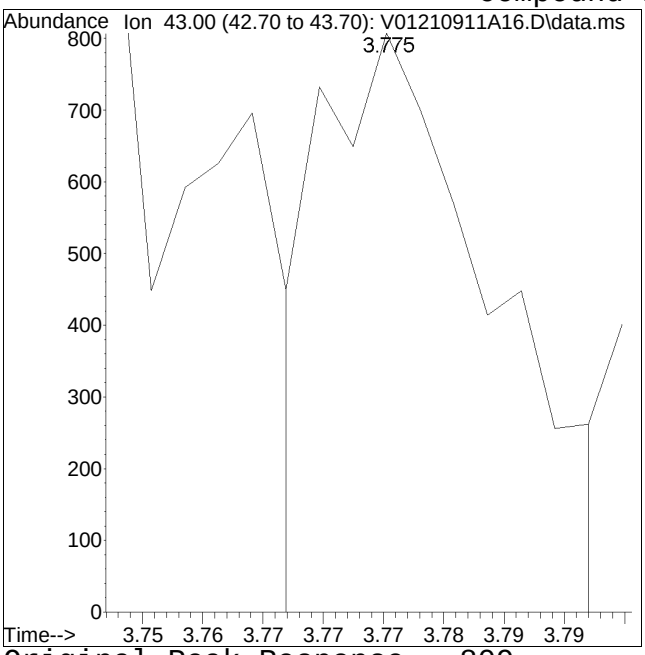


Manual Integration Report

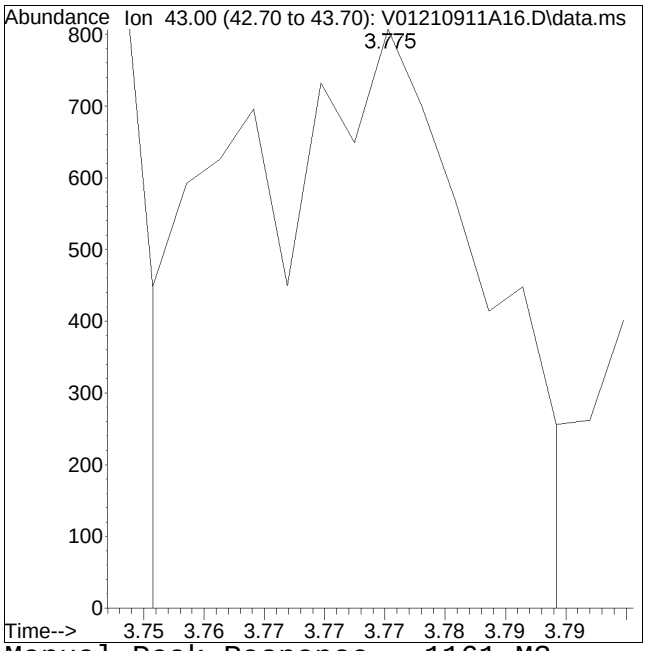
Data Path : I:\VOLATILES\VOA101\2021\2Q
Data File : V01210911A16.D
Date Inj'd : 9/11/2021 3:32 pm
Sample : L2148182-02,31,10,10,,A,PR

Method : V101_210824A_8260.m
Operator : VOA101:PD
Instrument : VOA 101
Quant Date : 9/13/2021 12:04 pm

Compound #17: Acetone



Original Peak Response = 809



Manual Peak Response = 1161 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

LSC Area Percent Report

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A16.D
Acq On : 11 Sep 2021 3:32 pm
Operator : VOA101:PD
Sample : L2148182-02,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 16 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V01210911A16.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.929	56	69	81	rBV2	19133	32614	3.40%	0.646%
2	3.491	608	629	631	rBV3	24943	36144	3.77%	0.716%
3	3.731	699	715	739	rBV2	25511	61630	6.43%	1.221%
4	4.548	992	1008	1027	rVB4	14679	36081	3.76%	0.715%
5	5.443	1310	1329	1353	rBV2	123471	281407	29.34%	5.576%
6	5.976	1499	1520	1544	rBV3	117689	288396	30.07%	5.714%
7	6.257	1591	1621	1653	rBV	340925	780287	81.35%	15.460%
8	6.424	1662	1681	1702	rVB8	9750	31245	3.26%	0.619%
9	7.955	2209	2230	2275	rBV2	416643	959197	100.00%	19.005%
10	9.807	2870	2894	2939	rBV3	348496	860328	89.69%	17.046%
11	11.266	3399	3417	3443	rBV2	297413	559648	58.35%	11.089%
12	11.860	3616	3630	3645	rBV2	39896	67576	7.05%	1.339%
13	12.046	3685	3697	3714	rVB5	18797	33206	3.46%	0.658%
14	12.454	3827	3843	3867	rBV2	420253	726508	75.74%	14.395%
15	12.635	3889	3908	3921	rBV9	28133	77397	8.07%	1.534%
16	13.181	4093	4104	4115	rVB3	30598	47893	4.99%	0.949%
17	13.466	4195	4206	4215	rBV2	20186	29633	3.09%	0.587%
18	13.887	4343	4357	4370	rBV6	41198	76288	7.95%	1.512%
19	14.288	4487	4501	4513	rVB3	29911	61508	6.41%	1.219%

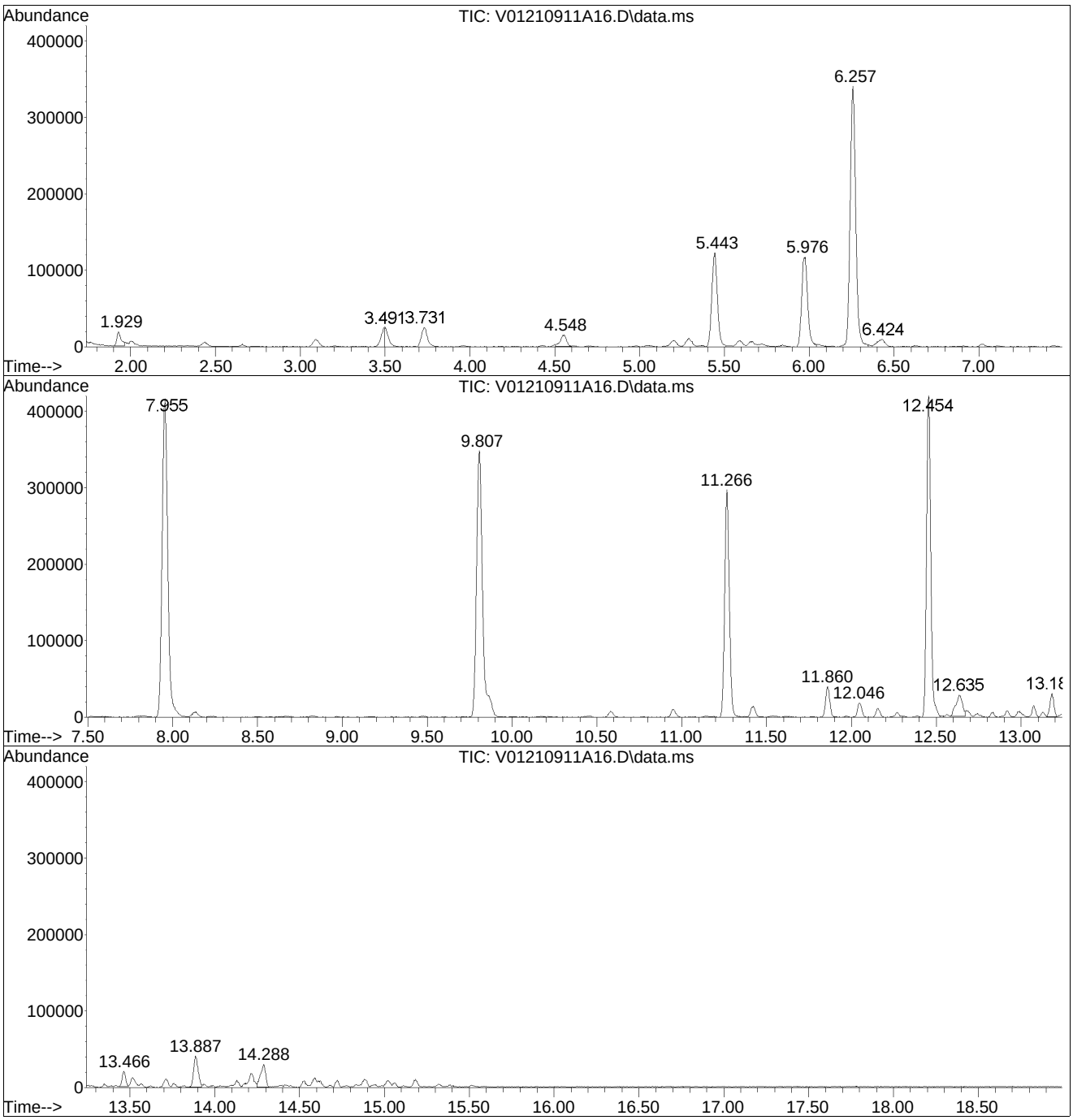
Sum of corrected areas: 5046986

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A16.D
Acq On : 11 Sep 2021 3:32 pm
Operator : VOA101:PD
Sample : L2148182-02,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 16 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A16.D
Acq On : 11 Sep 2021 3:32 pm
Operator : VOA101:PD
Sample : L2148182-02,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 16 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS

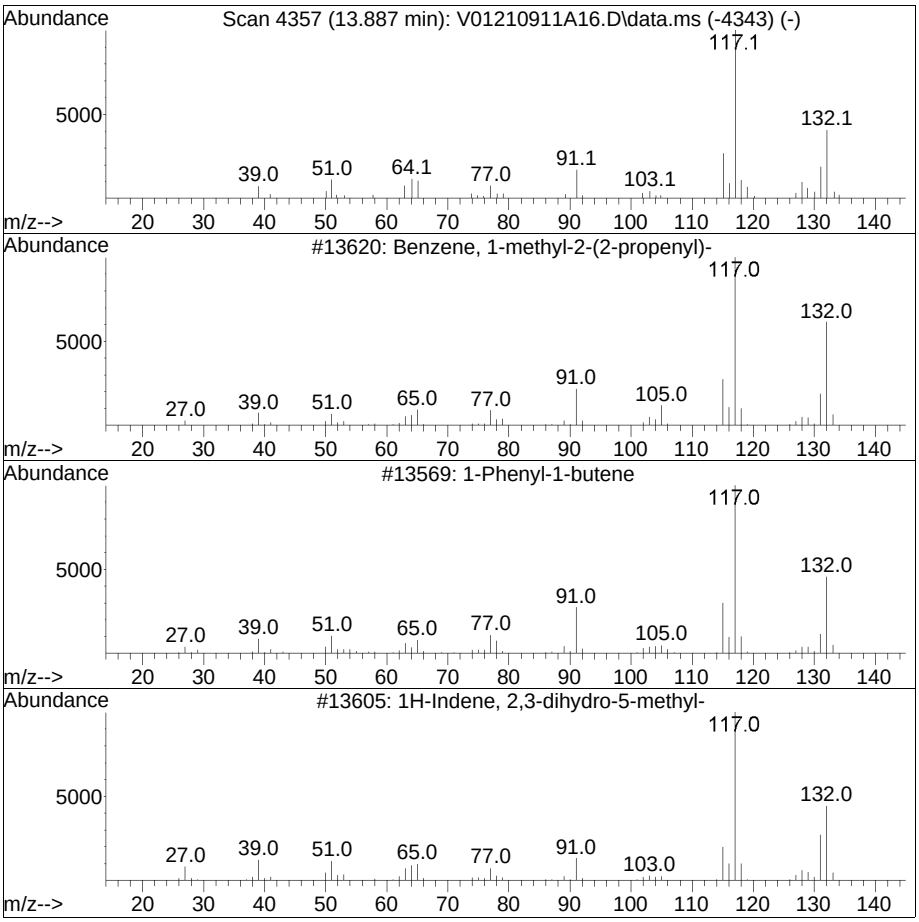
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

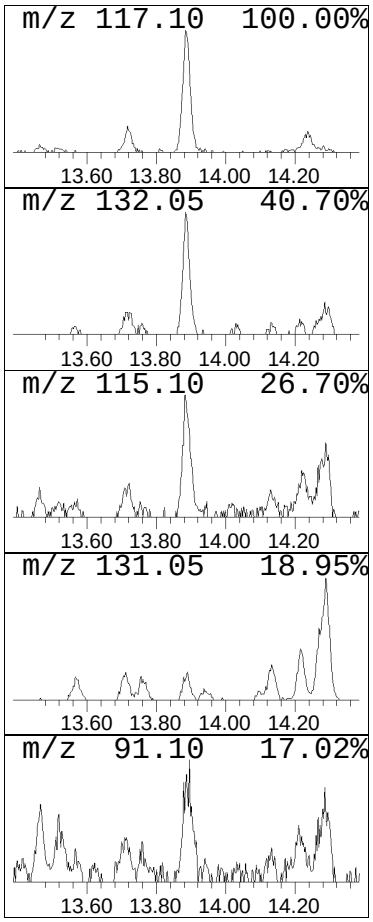
****

Peak Number 1 Unknown Aromatic Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.887	1.05 ug/L	76288	1,4-Dichlorobenzene-d4	12.454

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	90
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87





Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A16.D
Acq On : 11 Sep 2021 3:32 pm
Operator : VOA101:PD
Sample : L2148182-02,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 16 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Unknown Aromatic	13.887	1.1	ug/L	76288	3	12.454	726508	10.0

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A17.D
Acq On : 11 Sep 2021 3:55 pm
Operator : VOA101:PD
Sample : L2148182-01,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 13 12:11:52 2021
Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210911A\V01210911A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.254	96	347829	10.000	ug/L	0.00
Standard Area 1 = 384751			Recovery = 90.40%			
59) Chlorobenzene-d5	9.813	117	254532	10.000	ug/L	0.00
Standard Area 1 = 282294			Recovery = 90.17%			
79) 1,4-Dichlorobenzene-d4	12.456	152	109562	10.000	ug/L	0.00
Standard Area 1 = 118126			Recovery = 92.75%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.443	113	87280	10.336	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.36%			
43) 1,2-Dichloroethane-d4	5.967	65	99470	10.774	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 107.74%			
60) Toluene-d8	7.953	98	339121	10.318	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.18%			
83) 4-Bromofluorobenzene	11.266	95	118468	10.448	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.48%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0		N.D.	
3) Chloromethane	1.974	50	385		N.D.	
4) Vinyl chloride	0.000		0		N.D.	
5) Bromomethane	2.389	94	71		N.D.	
6) Chloroethane	2.515	64	29		N.D.	
7) Trichlorofluoromethane	0.000		0		N.D.	
8) Ethyl ether	0.000		0		N.D.	
10) 1,1-Dichloroethene	0.000		0		N.D.	
11) Carbon disulfide	3.201	76	1213		N.D.	
15) Methylene chloride	3.725	84	85		N.D.	
17) Acetone	3.781	43	1679M3	1.030	ug/L	
18) trans-1,2-Dichloroethene	0.000		0		N.D.	
20) Methyl tert-butyl ether	0.000		0		N.D.	
23) 1,1-Dichloroethane	0.000		0		N.D.	
25) Acrylonitrile	0.000		0		N.D.	
27) Vinyl acetate	0.000		0		N.D.	
28) cis-1,2-Dichloroethene	0.000		0		N.D.	
29) 2,2-Dichloropropane	5.150	77	175		N.D.	
30) Bromochloromethane	0.000		0		N.D.	
32) Chloroform	0.000		0		N.D.	

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A17.D
Acq On : 11 Sep 2021 3:55 pm
Operator : VOA101:PD
Sample : L2148182-01,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 13 12:11:52 2021
Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210911A\V01210911A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	0.000		0		N.D.	
40) 1,1-Dichloropropene	5.471	75	38		N.D.	
41) Benzene	0.000		0		N.D.	
44) 1,2-Dichloroethane	0.000		0		N.D.	
48) Trichloroethene	6.321	95	281		N.D.	
50) Dibromomethane	0.000		0		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	0.000		0		N.D.	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	8.014	92	35		N.D.	
62) 4-Methyl-2-pentanone	0.000		0		N.D.	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D.	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	0.000		0		N.D.	
73) Chlorobenzene	9.843	112	32		N.D.	
74) Ethylbenzene	9.860	91	59		N.D.	
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	0.000		0		N.D.	
77) o Xylene	0.000		0		N.D.	
78) Styrene	0.000		0		N.D.	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	10.959	105	168		N.D.	
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	11.425	91	562		N.D.	
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
88) 4-Ethyltoluene	11.536	105	154		N.D.	
89) 2-Chlorotoluene	11.595	91	27		N.D.	
90) 1,3,5-Trimethylbenzene	11.634	105	154		N.D.	
91) 1,2,3-Trichloropropane	0.000		0		N.D.	
92) trans-1,4-Dichloro-2-b...	0.000		0		N.D.	
93) 4-Chlorotoluene	11.768	91	42		N.D.	
94) tert-Butylbenzene	11.977	119	33		N.D.	

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A17.D
Acq On : 11 Sep 2021 3:55 pm
Operator : VOA101:PD
Sample : L2148182-01,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 13 12:11:52 2021
Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210911A\V01210911A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97)	1,2,4-Trimethylbenzene	12.046	105	271	N.D.		
98)	sec-Butylbenzene	12.158	105	439	N.D.		
99)	p-Isopropyltoluene	12.306	119	328	N.D.		
100)	1,3-Dichlorobenzene	12.387	146	171	N.D.		
101)	1,4-Dichlorobenzene	12.459	146	160	N.D.		
102)	p-Diethylbenzene	12.688	119	92	N.D.		
103)	n-Butylbenzene	12.741	91	182	N.D.		
104)	1,2-Dichlorobenzene	12.891	146	30	N.D.		
105)	1,2,4,5-Tetramethylben...	13.471	119	754	N.D.		
106)	1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
108)	Hexachlorobutadiene	0.000		0	N.D.		
109)	1,2,4-Trichlorobenzene	0.000		0	N.D.		
110)	Naphthalene	14.590	128	267	N.D.		
111)	1,2,3-Trichlorobenzene	0.000		0	N.D.		

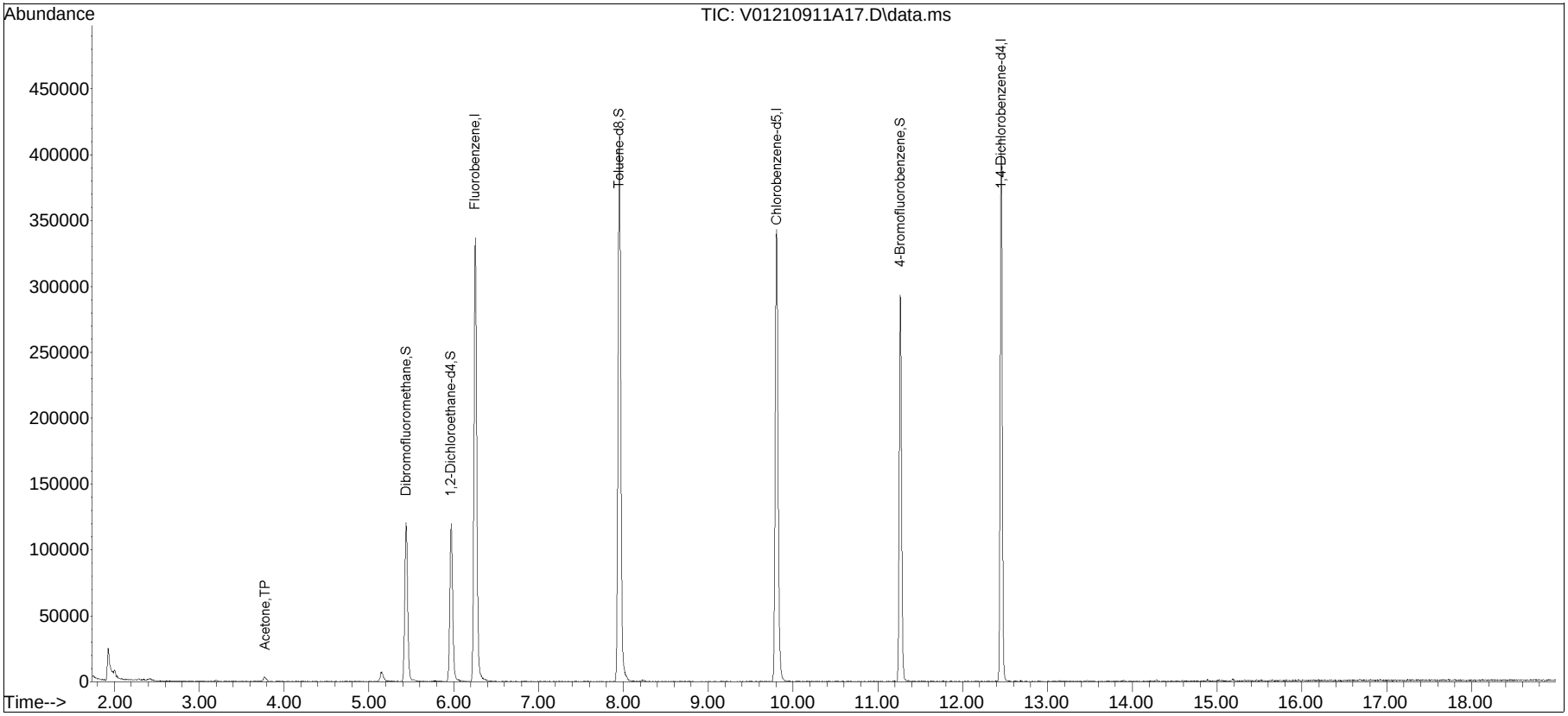
(#) = qualifier out of range (m) = manual integration (+) = signals summed

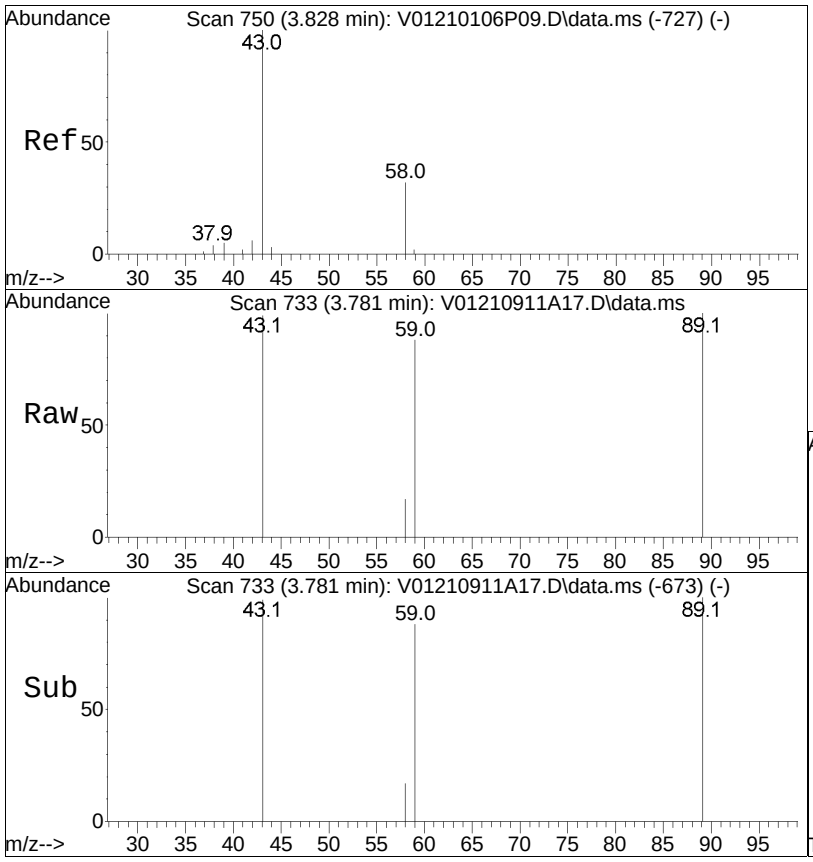
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A17.D
Acq On : 11 Sep 2021 3:55 pm
Operator : VOA101:PD
Sample : L2148182-01,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 13 12:11:52 2021
Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox10911A\V01210911A02.D•

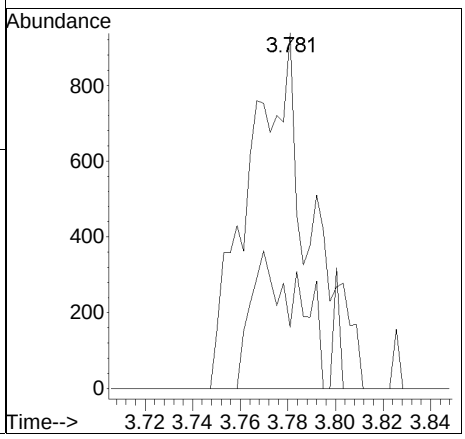




#17
Acetone
Concen: 1.03 ug/L M3
RT: 3.781 min Scan# 733
Delta R.T. 0.017 min
Lab File: V01210911A17.D
Acq: 11 Sep 2021 3:55 pm

Tgt Ion: 43 Resp: 1679

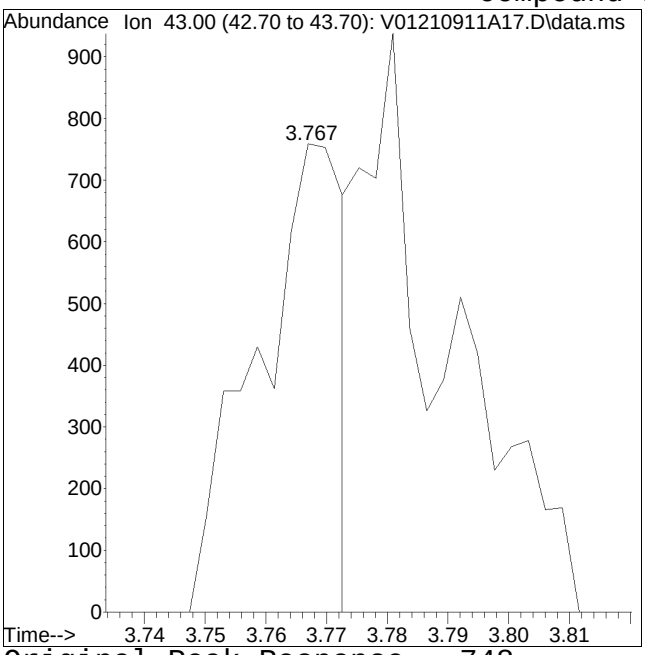
Ion	Ratio	Lower	Upper
43	100		
58	19.7	25.9	38.9#

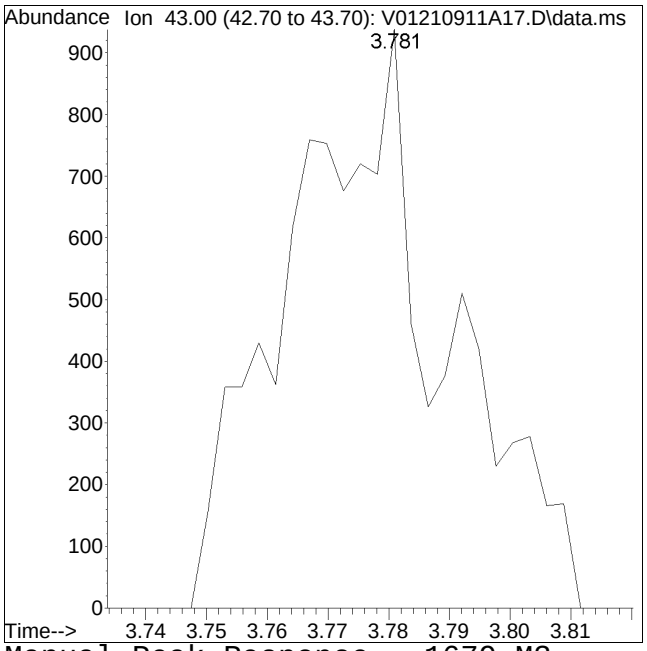


Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2021\2QMethod : V101_210824A_8260.m
Data File : V01210911A17.D Operator : VOA101:PD
Date Inj'd : 9/11/2021 3:55 pm Instrument : VOA 101
Sample : L2148182-01,31,10,10,,A,PRQuant Date : 9/13/2021 12:04 pm

Compound #17: Acetone





Original Peak Response = 748 Manual Peak Response = 1679 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

LSC Area Percent Report

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A17.D
Acq On : 11 Sep 2021 3:55 pm
Operator : VOA101:PD
Sample : L2148182-01,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 17 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V01210911A17.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.926	58	68	88	rBV	24783	57232	6.06%	1.307%
2	5.440	1308	1328	1352	rBV2	121108	279958	29.64%	6.395%
3	5.973	1498	1519	1543	rBV2	120227	279164	29.56%	6.376%
4	6.254	1598	1620	1651	rBV	336954	767461	81.26%	17.530%
5	7.953	2207	2229	2274	rBV	415379	944478	100.00%	21.573%
6	9.807	2873	2894	2927	rBV4	343301	801707	84.88%	18.312%
7	11.266	3400	3417	3443	rBV2	293548	555370	58.80%	12.685%
8	12.454	3824	3843	3870	rBV	413032	692651	73.34%	15.821%

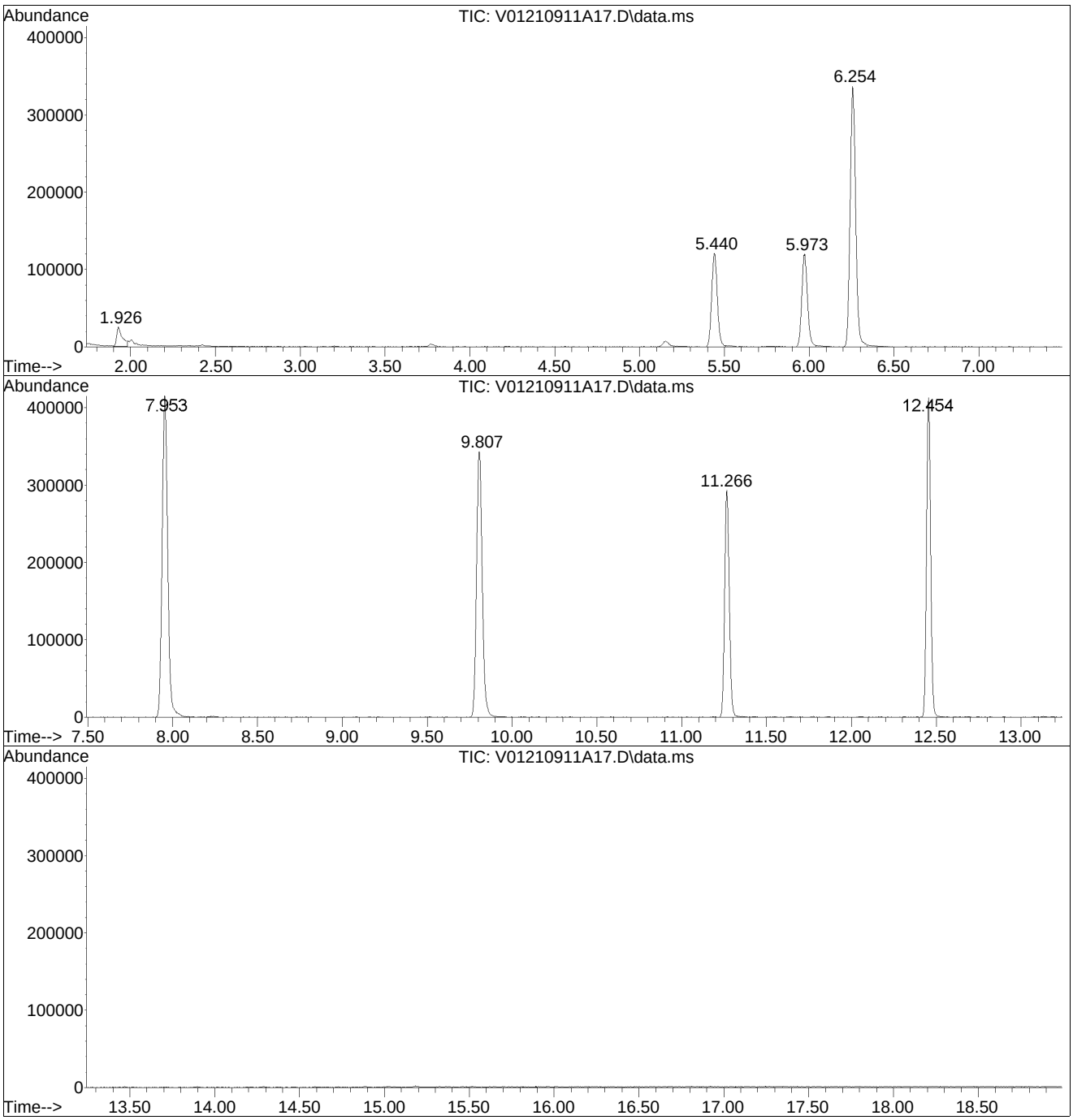
Sum of corrected areas: 4378021

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A17.D
Acq On : 11 Sep 2021 3:55 pm
Operator : VOA101:PD
Sample : L2148182-01,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 17 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A17.D
Acq On : 11 Sep 2021 3:55 pm
Operator : VOA101:PD
Sample : L2148182-01,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 17 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A17.D
Acq On : 11 Sep 2021 3:55 pm
Operator : VOA101:PD
Sample : L2148182-01,31,10,10,,A,PRI
Misc : WG1545693,ICAL18254
ALS Vial : 17 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Volatiles Standards Data

Initial Calibration

Initial Calibration Summary
Form 6
Volatiles

Client	**: Soils Engineering Services, Inc.**	**Lab Number**	**: L2148182**
Project Name	**: GROSSINGERS**	**Project Number**	**: 9313:11**
Instrument ID	**: VOA101**	**Ical Ref**	**: ICAL18254**
Calibration dates	**: 08/24/21 11:15 08/24/21 14:47**		

Calibration Files
L11 =V01210824A03.D L1 =V01210824A05.D L2 =V01210824A07.D L3 =V01210824A08.D L4 =V01210824A09.D
L6 =V01210824A10.D L8 =V01210824A11.D L10 =V01210824A12.D

	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1) I	Fluorobenzene	----------ISTD----------									
2) TP	Dichlorodifluo		0.221	0.265	0.224	0.251	0.248	0.247	0.216	0.239	7.68
3) TP	Chloromethane		0.389	0.408	0.369	0.358	0.355	0.370	0.351	0.372	5.51
4) TC	Vinyl chloride	0.311	0.287	0.390	0.355	0.376	0.378	0.384	0.327	0.351	10.92
5) TP	Bromomethane		0.094	0.102	0.082	0.106	0.130	0.144		*Q	0.9993
6) TP	Chloroethane		0.189	0.231	0.192	0.203	0.196	0.190	0.149	0.193	12.56
7) TP	Trichlorofluor		0.352	0.396	0.320	0.372	0.369	0.369	0.363	0.363	6.33
8) TP	Ethyl ether		0.123	0.141	0.138	0.140	0.138	0.143	0.134	0.137	4.80
10) TC	1,1-Dichloroet		0.216	0.252	0.223	0.242	0.242	0.244	0.237	0.237	5.28
11) TP	Carbon disulfide		0.697	0.751	0.668	0.709	0.709	0.733	0.692	0.708	3.86
12) TP	Freon-113		0.240	0.271	0.228	0.258	0.256	0.255	0.248	0.251	5.53
13) TP	Iodomethane			0.139	0.184	0.231	0.231	0.216	0.222	0.204	17.70
14) TP	Acrolein			0.022	0.027	0.026	0.027	0.029	0.029	0.027#	9.63
15) TP	Methylene chlo		0.256	0.282	0.258	0.261	0.256	0.264	0.253	0.262	3.73
16) TP	Isopropyl alcohol			0.009	0.007	0.007	0.008	0.009	0.010	0.009#	13.49
17) TP	Acetone			0.062	0.043	0.042	0.043	0.047	0.045	0.047#	15.77
18) TP	trans-1,2-Dich		0.233	0.281	0.259	0.264	0.255	0.268	0.258	0.260	5.66
19) TP	Methyl acetate		0.151	0.138	0.131	0.132	0.129	0.143	0.136	0.137	5.72
20) TP	Methyl tert butyl ether		0.594	0.594	0.616	0.616	0.610	0.642	0.618	0.613	2.68
21) TP	tert-Butyl alc		0.012	0.014	0.014	0.014	0.014	0.016	0.017	0.014#	11.11
22) TP	Diisopropyl ether		1.100	1.094	1.069	1.073	1.064	1.084	1.075	1.080	1.22
23) TP	1,1-Dichloroet		0.553	0.602	0.584	0.570	0.567	0.588	0.563	0.575	2.91
24) TP	Halothane		0.190	0.208	0.188	0.196	0.200	0.203	0.200	0.198	3.55
25) TP	Acrylonitrile		0.081	0.074	0.076	0.076	0.077	0.084	0.083	0.079	5.20
26) TP	Ethyl tert-but		0.904	0.942	0.933	0.948	0.942	0.984	0.960	0.945	2.58
27) TP	Vinyl acetate		0.549	0.535	0.580	0.590	0.588	0.628	0.590	0.580	5.21
28) TP	cis-1,2-Dichlo		0.256	0.308	0.289	0.291	0.249	0.291	0.285	0.281	7.53
29) TP	2,2-Dichloropr		0.355	0.391	0.339	0.371	0.327	0.362	0.356	0.357	5.81
30) TP	Bromochloromet		0.110	0.119	0.118	0.116	0.101	0.105	0.100	0.110	7.45
31) TP	Cyclohexane		0.668	0.703	0.603	0.680	0.657	0.679	0.680	0.667	4.75
32) TC	Chloroform		0.425	0.478	0.458	0.460	0.444	0.419	0.457	0.449	4.64
33) TP	Ethyl acetate		0.221	0.197	0.202	0.197	0.194	0.211	0.205	0.204	4.72
34) TP	Carbon tetrachloride	0.278	0.369	0.364	0.327	0.352	0.350	0.356	0.359	0.344	8.57
35) TP	Tetrahydrofuran		0.089	0.062	0.058	0.057	0.055	0.061	0.060	0.063	18.48
36) S	Dibromofluoromethane	0.246	0.241	0.238	0.242	0.244	0.243	0.245	0.244	0.243	1.05
37) TP	1,1,1-Trichlor		0.361	0.393	0.363	0.386	0.383	0.389	0.389	0.381	3.45

Initial Calibration Summary
Form 6
Volatiles

Client	**: Soils Engineering Services, Inc.**	**Lab Number**	**: L2148182**
Project Name	**: GROSSINGERS**	**Project Number**	**: 9313:11**
Instrument ID	**: VOA101**	**Ical Ref**	**: ICAL18254**
Calibration dates	**: 08/24/21 11:15 08/24/21 14:47**		

Calibration Files
L11 =V01210824A03.D L1 =V01210824A05.D L2 =V01210824A07.D L3 =V01210824A08.D L4 =V01210824A09.D
L6 =V01210824A10.D L8 =V01210824A11.D L10 =V01210824A12.D

	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
38) TP	2-Butanol			0.017	0.009	0.010	0.011	0.013	0.013	*Q	0.9986
39) TP	2-Butanone		0.082	0.084	0.073	0.072	0.074	0.080	0.080	0.078#	6.03
40) TP	1,1-Dichloropr		0.322	0.376	0.343	0.359	0.366	0.368	0.354	0.356	5.10
41) TP	Benzene	1.028	0.996	1.134	1.084	1.102	1.083	0.943	1.062	1.054	5.87
42) TP	Tertiary-Amyl Methyl Ether		0.591	0.621	0.627	0.629	0.599	0.601	0.643	0.616	3.10
43) S	1,2-Dichloroethane-d4	0.275	0.272	0.265	0.271	0.261	0.256	0.252	0.272	0.265	3.13
44) TP	1,2-Dichloroet		0.338	0.352	0.342	0.326	0.319	0.305	0.321	0.329	4.78
46) TP	2-Methyl-2-but		0.012	0.013	0.012	0.012	0.012	0.013	0.015	0.013#	7.48
47) TP	Methyl cyclohe		0.387	0.471	0.414	0.454	0.463	0.466	0.447	0.443	7.02
48) TP	Trichloroethene	0.270	0.260	0.289	0.266	0.271	0.272	0.275	0.268	0.271	3.12
50) TP	Dibromomethane		0.123	0.133	0.129	0.128	0.127	0.134	0.129	0.129	2.76
51) TC	1,2-Dichloropr		0.319	0.353	0.327	0.338	0.334	0.344	0.335	0.336	3.31
52) TP	4-penten-2-ol			0.007	0.006	0.007	0.008	0.009	0.010	*Q	0.9989
53) TP	2-Chloroethyl			0.033	0.041	0.036	0.029	0.032	0.029	0.033#	14.09
54) TP	Bromodichlorom		0.317	0.344	0.324	0.337	0.336	0.348	0.351	0.337	3.70
57) TP	1,4-Dioxane		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001#	4.78
58) TP	cis-1,3-Dichloropropene		0.352	0.395	0.403	0.410	0.379	0.435	0.416	0.398	6.79
59) I	Chlorobenzene-d5	----------ISTD----------									
60) S	Toluene-d8	1.237	1.256	1.269	1.515	1.271	1.253	1.278	1.252	1.291	7.07
61) TC	Toluene		0.843	0.918	1.037	0.876	0.864	0.884	0.845	0.895	7.54
62) TP	4-Methyl-2-pen		0.092	0.094	0.116	0.094	0.091	0.107	0.107	0.100	9.85
63) TP	Tetrachloroethene		0.315	0.360	0.372	0.321	0.296	0.327	0.332	0.332	7.87
65) TP	trans-1,3-Dichloropropene		0.360	0.398	0.497	0.418	0.375	0.450	0.436	0.419	11.14
66) TP	4-Methyl-2-pen		0.042	0.039	0.047	0.042	0.041	0.049	0.051	0.044#	10.24
67) TP	Ethyl methacry		0.285	0.319	0.342	0.357	0.336	0.392	0.358	0.341	9.90
68) TP	1,1,2-Trichlor		0.203	0.213	0.210	0.210	0.192	0.216	0.200	0.206	4.13
69) TP	Chlorodibromom		0.242	0.264	0.278	0.280	0.281	0.297	0.294	0.277	6.72
70) TP	1,3-Dichloropr		0.429	0.442	0.429	0.429	0.429	0.408	0.418	0.426	2.55
71) TP	1,2-Dibromoethane		0.211	0.225	0.229	0.228	0.222	0.239	0.233	0.227	3.86
72) TP	2-Hexanone		0.131	0.141	0.154	0.141	0.151	0.159	0.160	0.148	7.25
73) TP	Chlorobenzene		0.870	0.942	0.885	0.900	0.894	0.909	0.873	0.896	2.73
74) TC	Ethylbenzene		1.524	1.735	1.604	1.635	1.667	1.707	1.626	1.643	4.25
75) TP	1,1,1,2-Tetrac		0.266	0.310	0.300	0.287	0.302	0.311	0.309	0.298	5.51
76) TP	p/m Xylene		0.564	0.638	0.611	0.630	0.633	0.633	0.597	0.615	4.41
77) TP	o Xylene		0.529	0.601	0.577	0.488	0.588	0.596	0.557	0.562	7.32
78) TP	Styrene		0.821	0.942	0.961	0.815	0.996	1.013	0.949	0.928	8.55

Initial Calibration Summary
Form 6
Volatiles

Client	**: Soils Engineering Services, Inc.**	**Lab Number**	**: L2148182**
Project Name	**: GROSSINGERS**	**Project Number**	**: 9313:11**
Instrument ID	**: VOA101**	**Ical Ref**	**: ICAL18254**
Calibration dates	**: 08/24/21 11:15 08/24/21 14:47**		

Calibration Files
L11 =V01210824A03.D L1 =V01210824A05.D L2 =V01210824A07.D L3 =V01210824A08.D L4 =V01210824A09.D
L6 =V01210824A10.D L8 =V01210824A11.D L10 =V01210824A12.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
79)	I	1,4-Dichlorobenzene-d4	----------ISTD----------									
80)	TP	Bromoform		0.265	0.265	0.270	0.277	0.361	0.401	0.333	0.310	17.74
82)	TP	Isopropylbenzene		2.864	3.343	2.741	2.901	3.829	3.158	3.202	3.148	11.69
83)	S	4-Bromofluorobenzene	1.039	1.029	1.042	0.923	1.003	1.212	0.996	1.035	1.035	7.86
84)	TP	Bromobenzene		0.618	0.669	0.582	0.632	0.620	0.632	0.646	0.629	4.29
85)	TP	n-Propylbenzene		3.341	3.931	3.187	3.701	3.575	3.600	3.666	3.572	6.84
86)	TP	1,4-Dichlorobu		1.257	1.238	1.105	1.178	1.136	1.197	1.177	1.184	4.50
87)	TP	1,1,2,2-Tetrac		0.545	0.577	0.502	0.563	0.518	0.558	0.555	0.545	4.82
88)	TP	4-Ethyltoluene		2.747	3.104	2.627	3.091	2.930	2.965	3.020	2.926	6.09
89)	TP	2-Chlorotoluene		2.068	2.288	1.938	2.253	2.103	2.143	2.194	2.141	5.55
90)	TP	1,3,5-Trimethy		2.206	2.541	2.151	2.494	2.378	2.420	2.447	2.377	6.13
91)	TP	1,2,3-Trichlor		0.485	0.413	0.352	0.402	0.362	0.393	0.382	0.398	10.98
92)	TP	trans-1,4-Dich		0.124	0.151	0.145	0.171	0.169	0.185	0.181	0.161	13.55
93)	TP	4-Chlorotoluene		2.080	2.315	2.018	2.338	2.185	2.234	2.271	2.206	5.43
94)	TP	tert-Butylbenzene		1.775	2.064	1.774	2.062	1.970	1.997	1.989	1.947	6.33
97)	TP	1,2,4-Trimethy		2.155	2.386	2.179	2.470	2.340	2.381	2.393	2.329	5.05
98)	TP	sec-Butylbenzene		2.636	2.980	2.620	2.994	2.857	2.902	2.894	2.840	5.38
99)	TP	p-Isopropyltol		2.062	2.321	2.149	2.273	2.310	2.355	2.341	2.259	4.89
100)	TP	1,3-Dichlorobe		1.149	1.257	1.189	1.180	1.200	1.230	1.230	1.205	3.04
101)	TP	1,4-Dichlorobe		1.253	1.262	1.220	1.238	1.205	1.233	1.228	1.234	1.58
102)	TP	p-Diethylbenzene		1.186	1.285	1.268	1.331	1.299	1.326	1.311	1.287	3.86
103)	TP	n-Butylbenzene		1.659	2.024	1.918	1.830	1.939	1.986	1.964	1.903	6.49
104)	TP	1,2-Dichlorobe		1.032	1.072	1.091	1.058	1.054	1.088	1.072	1.067	1.91
105)	TP	1,2,4,5-Tetram		1.497	1.622	1.695	1.556	1.769	1.813	1.811	1.680	7.50
106)	TP	1,2-Dibromo-3-		0.038	0.049	0.059	0.053	0.060	0.067	0.065	0.056	18.25
107)	TP	1,3,5-Trichlor		0.560	0.577	0.557	0.505	0.575	0.595	0.591	0.566	5.38
108)	TP	Hexachlorobuta		0.196	0.190	0.189	0.180	0.209	0.222	0.218	0.200	8.00
109)	TP	1,2,4-Trichlor		0.443	0.445	0.445	0.419	0.474	0.501	0.494	0.460	6.55
110)	TP	Naphthalene		0.950	0.905	0.991	0.965	1.040	1.153	1.112	1.016	8.84
111)	TP	1,2,3-Trichlor		0.350	0.339	0.327	0.330	0.349	0.382	0.373	0.350	5.95

Response Factor Report VOA 101

Method Path : I:\VOLATILES\VOA101\2021\210824AICAL\
Method File : V101_210824A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Tue Aug 24 15:36:35 2021
Response Via : Initial Calibration

Calibration Files
L11 =V01210824A03.D L1 =V01210824A05.D L2 =V01210824A07.D L3 =V01210824A08.D L4 =V01210824A09.D
L6 =V01210824A10.D L8 =V01210824A11.D L10 =V01210824A12.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------									
2)	TP	Dichlorodifluo...		0.221	0.265	0.224	0.251	0.248	0.247	0.216	0.239	7.68
3)	TP	Chloromethane		0.389	0.408	0.369	0.358	0.355	0.370	0.351	0.372	5.51
4)	TC	Vinyl chloride	0.311	0.287	0.390	0.355	0.376	0.378	0.384	0.327	0.351	10.92
5)	TP	Bromomethane		0.094	0.102	0.082	0.106	0.130	0.144		*Q	0.9993
6)	TP	Chloroethane		0.189	0.231	0.192	0.203	0.196	0.190	0.149	0.193	12.56
7)	TP	Trichlorofluor...		0.352	0.396	0.320	0.372	0.369	0.369	0.363	0.363	6.33
8)	TP	Ethyl ether		0.123	0.141	0.138	0.140	0.138	0.143	0.134	0.137	4.80
10)	TC	1,1-Dichloroet...		0.216	0.252	0.223	0.242	0.242	0.244	0.237	0.237	5.28
11)	TP	Carbon disulfide		0.697	0.751	0.668	0.709	0.709	0.733	0.692	0.708	3.86
12)	TP	Freon-113		0.240	0.271	0.228	0.258	0.256	0.255	0.248	0.251	5.53
13)	TP	Iodomethane			0.139	0.184	0.231	0.231	0.216	0.222	0.204	17.70
14)	TP	Acrolein			0.022	0.027	0.026	0.027	0.029	0.029	0.027#	9.63
15)	TP	Methylene chlo...		0.256	0.282	0.258	0.261	0.256	0.264	0.253	0.262	3.73
16)	TP	Isopropyl alcohol			0.009	0.007	0.007	0.008	0.009	0.010	0.009#	13.49
17)	TP	Acetone			0.062	0.043	0.042	0.043	0.047	0.045	0.047#	15.77
18)	TP	trans-1,2-Dich...		0.233	0.281	0.259	0.264	0.255	0.268	0.258	0.260	5.66
19)	TP	Methyl acetate		0.151	0.138	0.131	0.132	0.129	0.143	0.136	0.137	5.72
20)	TP	Methyl tert-bu...		0.594	0.594	0.616	0.616	0.610	0.642	0.618	0.613	2.68
21)	TP	tert-Butyl alc...		0.012	0.014	0.014	0.014	0.014	0.016	0.017	0.014#	11.11
22)	TP	Diisopropyl ether		1.100	1.094	1.069	1.073	1.064	1.084	1.075	1.080	1.22
23)	TP	1,1-Dichloroet...		0.553	0.602	0.584	0.570	0.567	0.588	0.563	0.575	2.91
24)	TP	Halothane		0.190	0.208	0.188	0.196	0.200	0.203	0.200	0.198	3.55
25)	TP	Acrylonitrile		0.081	0.074	0.076	0.076	0.077	0.084	0.083	0.079	5.20
26)	TP	Ethyl tert-but...		0.904	0.942	0.933	0.948	0.942	0.984	0.960	0.945	2.58
27)	TP	Vinyl acetate		0.549	0.535	0.580	0.590	0.588	0.628	0.590	0.580	5.21
28)	TP	cis-1,2-Dichlo...		0.256	0.308	0.289	0.291	0.249	0.291	0.285	0.281	7.53
29)	TP	2,2-Dichloropr...		0.355	0.391	0.339	0.371	0.327	0.362	0.356	0.357	5.81
30)	TP	Bromochloromet...		0.110	0.119	0.118	0.116	0.101	0.105	0.100	0.110	7.45
31)	TP	Cyclohexane		0.668	0.703	0.603	0.680	0.657	0.679	0.680	0.667	4.75
32)	TC	Chloroform		0.425	0.478	0.458	0.460	0.444	0.419	0.457	0.449	4.64

Response Factor Report VOA 101

Method Path : I:\VOLATILES\VOA101\2021\210824AICAL\
Method File : V101_210824A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Tue Aug 24 15:36:35 2021
Response Via : Initial Calibration

Calibration Files
L11 =V01210824A03.D L1 =V01210824A05.D L2 =V01210824A07.D L3 =V01210824A08.D L4 =V01210824A09.D
L6 =V01210824A10.D L8 =V01210824A11.D L10 =V01210824A12.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
33)	TP	Ethyl acetate		0.221	0.197	0.202	0.197	0.194	0.211	0.205	0.204	4.72
34)	TP	Carbon tetrach...	0.278	0.369	0.364	0.327	0.352	0.350	0.356	0.359	0.344	8.57
35)	TP	Tetrahydrofuran		0.089	0.062	0.058	0.057	0.055	0.061	0.060	0.063	18.48
36)	S	Dibromofluorom...	0.246	0.241	0.238	0.242	0.244	0.243	0.245	0.244	0.243	1.05
37)	TP	1,1,1-Trichlor...		0.361	0.393	0.363	0.386	0.383	0.389	0.389	0.381	3.45
38)	TP	2-Butanol			0.017	0.009	0.010	0.011	0.013	0.013	*Q	0.9986
39)	TP	2-Butanone		0.082	0.084	0.073	0.072	0.074	0.080	0.080	0.078#	6.03
40)	TP	1,1-Dichloropr...		0.322	0.376	0.343	0.359	0.366	0.368	0.354	0.356	5.10
41)	TP	Benzene	1.028	0.996	1.134	1.084	1.102	1.083	0.943	1.062	1.054	5.87
42)	TP	tert-Amyl meth...		0.591	0.621	0.627	0.629	0.599	0.601	0.643	0.616	3.10
43)	S	1,2-Dichloroet...	0.275	0.272	0.265	0.271	0.261	0.256	0.252	0.272	0.265	3.13
44)	TP	1,2-Dichloroet...		0.338	0.352	0.342	0.326	0.319	0.305	0.321	0.329	4.78
46)	TP	2-Methyl-2-but...		0.012	0.013	0.012	0.012	0.012	0.013	0.015	0.013#	7.48
47)	TP	Methyl cyclohe...		0.387	0.471	0.414	0.454	0.463	0.466	0.447	0.443	7.02
48)	TP	Trichloroethene	0.270	0.260	0.289	0.266	0.271	0.272	0.275	0.268	0.271	3.12
50)	TP	Dibromomethane		0.123	0.133	0.129	0.128	0.127	0.134	0.129	0.129	2.76
51)	TC	1,2-Dichloropr...		0.319	0.353	0.327	0.338	0.334	0.344	0.335	0.336	3.31
52)	TP	4-penten-2-ol			0.007	0.006	0.007	0.008	0.009	0.010	*Q	0.9989
53)	TP	2-Chloroethyl ...			0.033	0.041	0.036	0.029	0.032	0.029	0.033#	14.09
54)	TP	Bromodichlorom...		0.317	0.344	0.324	0.337	0.336	0.348	0.351	0.337	3.70
57)	TP	1,4-Dioxane		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001#	4.78
58)	TP	cis-1,3-Dichlo...		0.352	0.395	0.403	0.410	0.379	0.435	0.416	0.398	6.79
59)	I	Chlorobenzene-d5	----------ISTD----------									
60)	S	Toluene-d8	1.237	1.256	1.269	1.515	1.271	1.253	1.278	1.252	1.291	7.07
61)	TC	Toluene		0.843	0.918	1.037	0.876	0.864	0.884	0.845	0.895	7.54
62)	TP	4-Methyl-2-pen...		0.092	0.094	0.116	0.094	0.091	0.107	0.107	0.100	9.85
63)	TP	Tetrachloroethene		0.315	0.360	0.372	0.321	0.296	0.327	0.332	0.332	7.87
65)	TP	trans-1,3-Dich...		0.360	0.398	0.497	0.418	0.375	0.450	0.436	0.419	11.14
66)	TP	4-Methyl-2-pen...		0.042	0.039	0.047	0.042	0.041	0.049	0.051	0.044#	10.24
67)	TP	Ethyl methacry...		0.285	0.319	0.342	0.357	0.336	0.392	0.358	0.341	9.90
68)	TP	1,1,2-Trichlor...		0.203	0.213	0.210	0.210	0.192	0.216	0.200	0.206	4.13

Method Path : I:\VOLATILES\VOA101\2021\210824AICAL\
Method File : V101_210824A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Tue Aug 24 15:36:35 2021
Response Via : Initial Calibration

Calibration Files
L11 =V01210824A03.D L1 =V01210824A05.D L2 =V01210824A07.D L3 =V01210824A08.D L4 =V01210824A09.D
L6 =V01210824A10.D L8 =V01210824A11.D L10 =V01210824A12.D

		Compound		L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
69)	TP	Chlorodibromom...		0.242	0.264	0.278	0.280	0.281	0.297	0.294	0.277		6.72
70)	TP	1,3-Dichloropr...		0.429	0.442	0.429	0.429	0.429	0.408	0.418	0.426		2.55
71)	TP	1,2-Dibromoethane		0.211	0.225	0.229	0.228	0.222	0.239	0.233	0.227		3.86
72)	TP	2-Hexanone		0.131	0.141	0.154	0.141	0.151	0.159	0.160	0.148		7.25
73)	TP	Chlorobenzene		0.870	0.942	0.885	0.900	0.894	0.909	0.873	0.896		2.73
74)	TC	Ethylbenzene		1.524	1.735	1.604	1.635	1.667	1.707	1.626	1.643		4.25
75)	TP	1,1,1,2-Tetrac...		0.266	0.310	0.300	0.287	0.302	0.311	0.309	0.298		5.51
76)	TP	p/m Xylene		0.564	0.638	0.611	0.630	0.633	0.633	0.597	0.615		4.41
77)	TP	o Xylene		0.529	0.601	0.577	0.488	0.588	0.596	0.557	0.562		7.32
78)	TP	Styrene		0.821	0.942	0.961	0.815	0.996	1.013	0.949	0.928		8.55
79)	I	1,4-Dichlorobenzene-d4	----------ISTD----------										
80)	TP	Bromoform		0.265	0.265	0.270	0.277	0.361	0.401	0.333	0.310		17.74
82)	TP	Isopropylbenzene		2.864	3.343	2.741	2.901	3.829	3.158	3.202	3.148		11.69
83)	S	4-Bromofluorob...	1.039	1.029	1.042	0.923	1.003	1.212	0.996	1.035	1.035		7.86
84)	TP	Bromobenzene		0.618	0.669	0.582	0.632	0.620	0.632	0.646	0.629		4.29
85)	TP	n-Propylbenzene		3.341	3.931	3.187	3.701	3.575	3.600	3.666	3.572		6.84
86)	TP	1,4-Dichlorobu...		1.257	1.238	1.105	1.178	1.136	1.197	1.177	1.184		4.50
87)	TP	1,1,2,2-Tetrac...		0.545	0.577	0.502	0.563	0.518	0.558	0.555	0.545		4.82
88)	TP	4-Ethyltoluene		2.747	3.104	2.627	3.091	2.930	2.965	3.020	2.926		6.09
89)	TP	2-Chlorotoluene		2.068	2.288	1.938	2.253	2.103	2.143	2.194	2.141		5.55
90)	TP	1,3,5-Trimethy...		2.206	2.541	2.151	2.494	2.378	2.420	2.447	2.377		6.13
91)	TP	1,2,3-Trichlor...		0.485	0.413	0.352	0.402	0.362	0.393	0.382	0.398		10.98
92)	TP	trans-1,4-Dich...		0.124	0.151	0.145	0.171	0.169	0.185	0.181	0.161		13.55
93)	TP	4-Chlorotoluene		2.080	2.315	2.018	2.338	2.185	2.234	2.271	2.206		5.43
94)	TP	tert-Butylbenzene		1.775	2.064	1.774	2.062	1.970	1.997	1.989	1.947		6.33
97)	TP	1,2,4-Trimethy...		2.155	2.386	2.179	2.470	2.340	2.381	2.393	2.329		5.05
98)	TP	sec-Butylbenzene		2.636	2.980	2.620	2.994	2.857	2.902	2.894	2.840		5.38
99)	TP	p-Isopropyltol...		2.062	2.321	2.149	2.273	2.310	2.355	2.341	2.259		4.89
100)	TP	1,3-Dichlorobe...		1.149	1.257	1.189	1.180	1.200	1.230	1.230	1.205		3.04
101)	TP	1,4-Dichlorobe...		1.253	1.262	1.220	1.238	1.205	1.233	1.228	1.234		1.58
102)	TP	p-Diethylbenzene		1.186	1.285	1.268	1.331	1.299	1.326	1.311	1.287		3.86

Method Path : I:\VOLATILES\VOA101\2021\210824AICAL\
Method File : V101_210824A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Tue Aug 24 15:36:35 2021
Response Via : Initial Calibration

Calibration Files
L11 =V01210824A03.D L1 =V01210824A05.D L2 =V01210824A07.D L3 =V01210824A08.D L4 =V01210824A09.D
L6 =V01210824A10.D L8 =V01210824A11.D L10 =V01210824A12.D

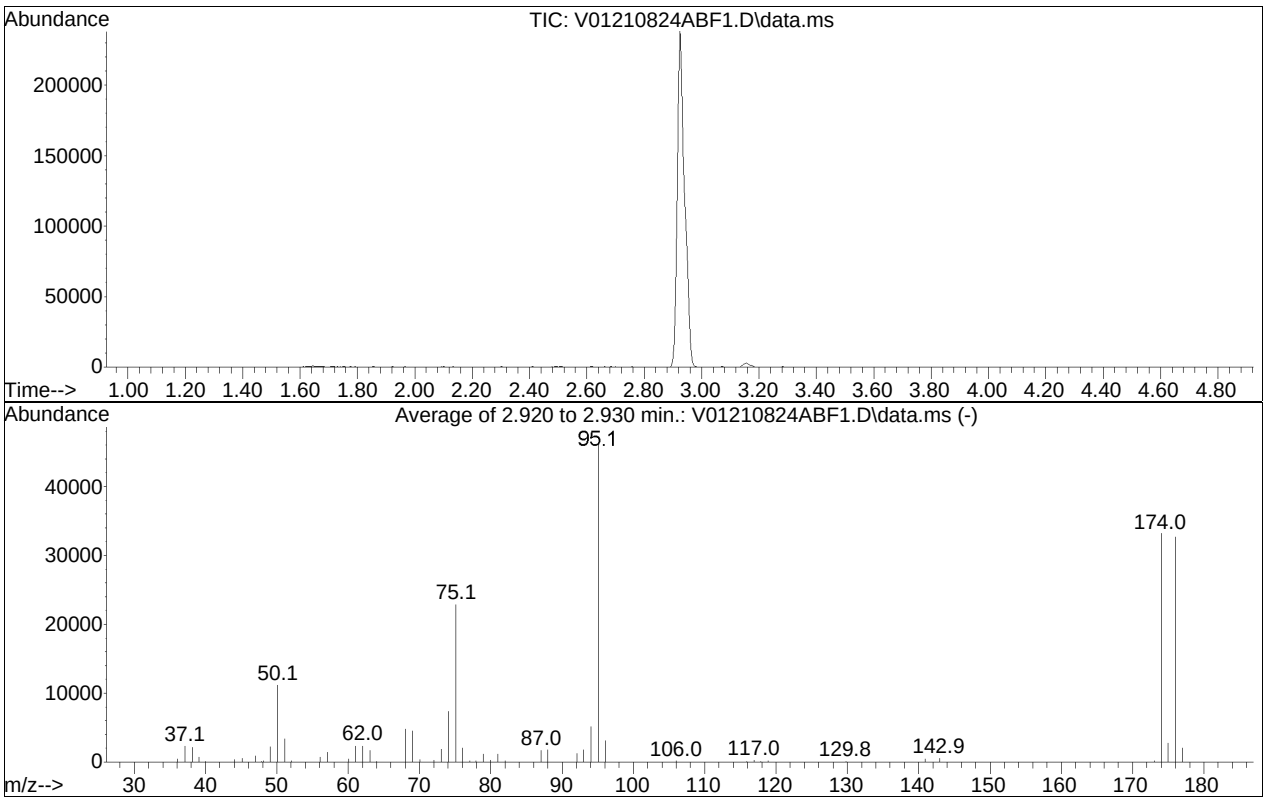
	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
103) TP	n-Butylbenzene	1.659	2.024	1.918	1.830	1.939	1.986	1.964	1.903	6.49	
104) TP	1,2-Dichlorobe...	1.032	1.072	1.091	1.058	1.054	1.088	1.072	1.067	1.91	
105) TP	1,2,4,5-Tetram...	1.497	1.622	1.695	1.556	1.769	1.813	1.811	1.680	7.50	
106) TP	1,2-Dibromo-3-...	0.038	0.049	0.059	0.053	0.060	0.067	0.065	0.056	18.25	
107) TP	1,3,5-Trichlor...	0.560	0.577	0.557	0.505	0.575	0.595	0.591	0.566	5.38	
108) TP	Hexachlorobuta...	0.196	0.190	0.189	0.180	0.209	0.222	0.218	0.200	8.00	
109) TP	1,2,4-Trichlor...	0.443	0.445	0.445	0.419	0.474	0.501	0.494	0.460	6.55	
110) TP	Naphthalene	0.950	0.905	0.991	0.965	1.040	1.153	1.112	1.016	8.84	
111) TP	1,2,3-Trichlor...	0.350	0.339	0.327	0.330	0.349	0.382	0.373	0.350	5.95	

(#) = Out of Range

Data Path : I:\VOLATILES\VOA101\2021\210824AICAL\
Data File : V01210824ABF1.D
Acq On : 24 Aug 2021 10:19 am
Operator : VOA101:PD
Sample : WG1538690-1
Misc : WG1538690
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\VOLATILES\VOA101\2021\210824AICAL\V101_210824A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Tue Aug 24 15:36:35 2021



AutoFind: Scans 251, 252, 253; Background Corrected with Scan 243

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	24.1	11156	PASS
75	95	30	60	49.3	22848	PASS
95	95	100	100	100.0	46365	PASS
96	95	5	9	6.7	3092	PASS
173	174	0.00	2	0.5	181	PASS
174	95	50	100	71.6	33192	PASS
175	174	5	9	8.3	2754	PASS
176	174	95	101	98.6	32712	PASS
177	176	5	9	6.4	2085	PASS

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2021\210824AICAL\
Data File : V01210824A03.D
Acq On : 24 Aug 2021 11:15 am
Operator : VOA101:KJD
Sample : I8260STD0.19PPB
Misc : WG1538690
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 24 14:29:07 2021
Quant Method : I:\VOLATILES\VOA101\2021\210824AICAL\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 14:24:35 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210824AICAL\V01210824A08.D
Sub List : 8260-L11 - Level 11 for 8260-LRR product

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.257	96	342176	10.000	ug/L	0.00
Standard Area 1 = 481117			Recovery = 71.12%			
59) Chlorobenzene-d5	9.807	117	269159	10.000	ug/L	0.00
Standard Area 1 = 312867			Recovery = 86.03%			
79) 1,4-Dichlorobenzene-d4	12.459	152	124578	10.000	ug/L	0.00
Standard Area 1 = 169266			Recovery = 73.60%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.443	113	84216	10.191	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.91%			
43) 1,2-Dichloroethane-d4	5.973	65	93984	10.127	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.27%			
60) Toluene-d8	7.958	98	332935	8.164	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 81.64%			
83) 4-Bromofluorobenzene	11.266	95	129495	11.259	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 112.59%			
Target Compounds						Qvalue
4) Vinyl chloride	2.063	62	2019	0.166	ug/L	66
34) Carbon tetrachloride	5.401	117	1810M1	0.162	ug/L	
41) Benzene	5.842	78	6682M1	0.180	ug/L	
48) Trichloroethene	6.433	95	1753M1	0.193	ug/L	
58) cis-1,3-Dichloropropene	7.746	75	2213M1	0.161	ug/L	
61) Toluene	8.017	92	5102	0.183	ug/L	91
65) trans-1,3-Dichloropropene	8.510	75	1816M1	0.136	ug/L	
74) Ethylbenzene	9.871	91	7992M1	0.185	ug/L	
76) p/m Xylene	10.053	106	5912	0.360	ug/L	91
77) o Xylene	10.588	106	5098	0.329	ug/L	93
78) Styrene	10.647	104	7727	0.299	ug/L #	57

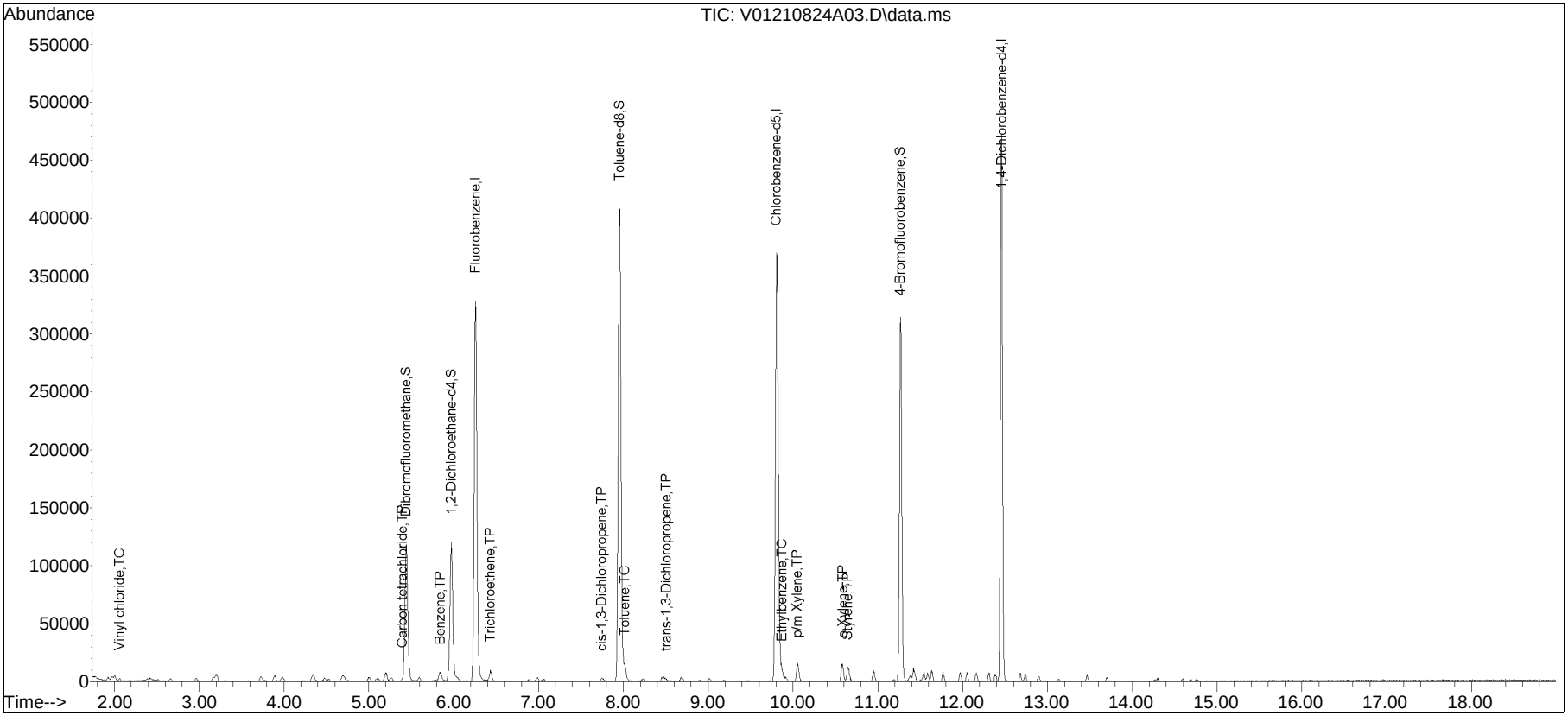
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2021\210824AICAL\
Data File : V01210824A03.D
Acq On : 24 Aug 2021 11:15 am
Operator : VOA101:KJD
Sample : I8260STD0.19PPB
Misc : WG1538690
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 24 14:29:07 2021
Quant Method : I:\VOLATILES\VOA101\2021\210824AICAL\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 14:24:35 2021
Response via : Initial Calibration

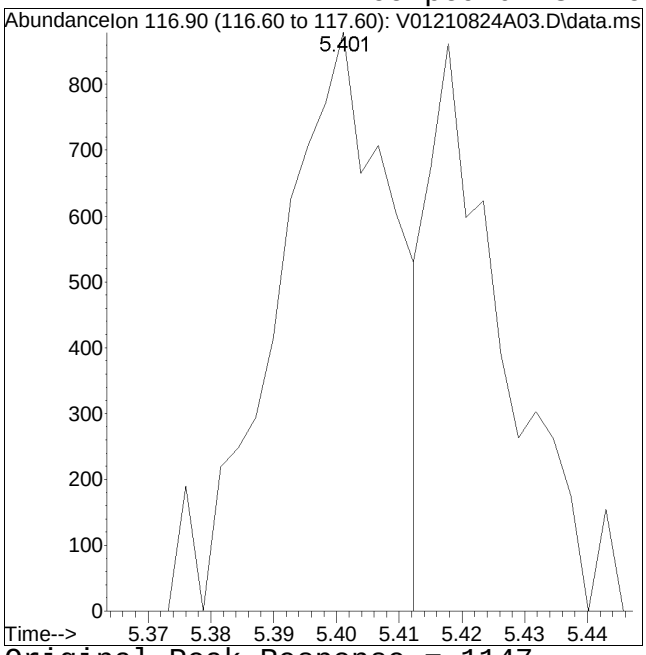
Sub List : 8260-L11 - Level 11 for 8260-LRR product\V01210824A08.D•



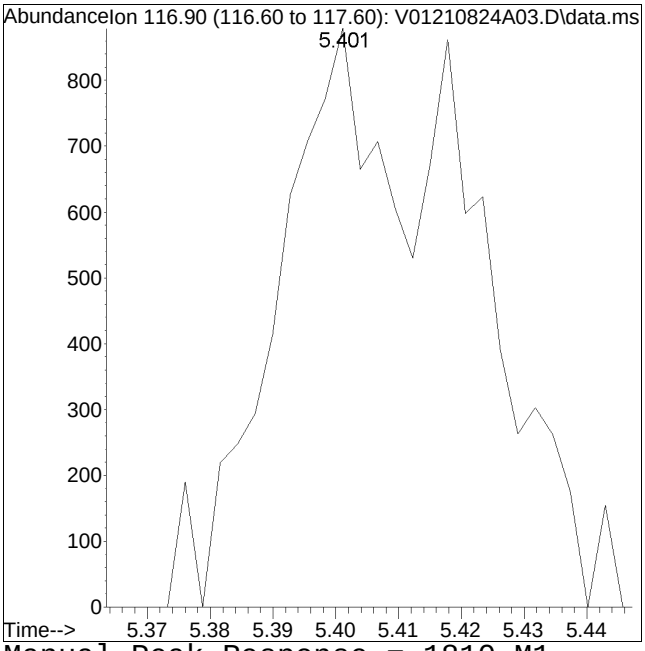
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2021\2QMethod : V101_210824A_8260.m
Data File : V01210824A03.D Operator : VOA101:KJD
Date Inj'd : 8/24/2021 11:15 am Instrument : VOA 101
Sample : I8260STD0.19PPB Quant Date : 8/24/2021 2:27 pm

Compound #34: Carbon tetrachloride



Original Peak Response = 1147



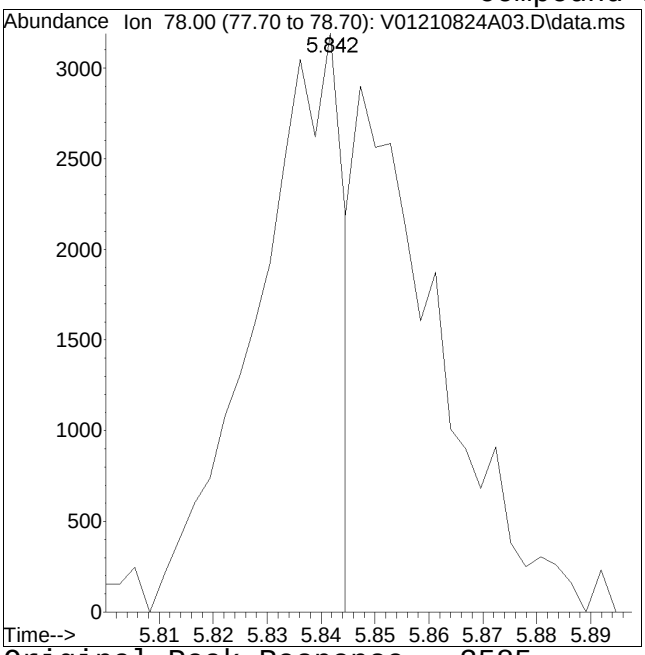
Manual Peak Response = 1810 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

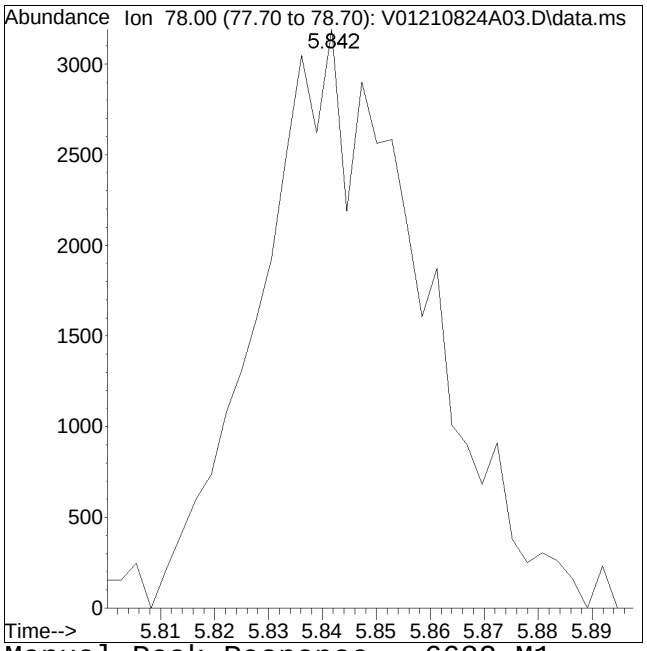
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2021\2QMethod : V101_210824A_8260.m
Data File : V01210824A03.D Operator : VOA101:KJD
Date Inj'd : 8/24/2021 11:15 am Instrument : VOA 101
Sample : I8260STD0.19PPB Quant Date : 8/24/2021 2:27 pm

Compound #41: Benzene



Original Peak Response = 3585



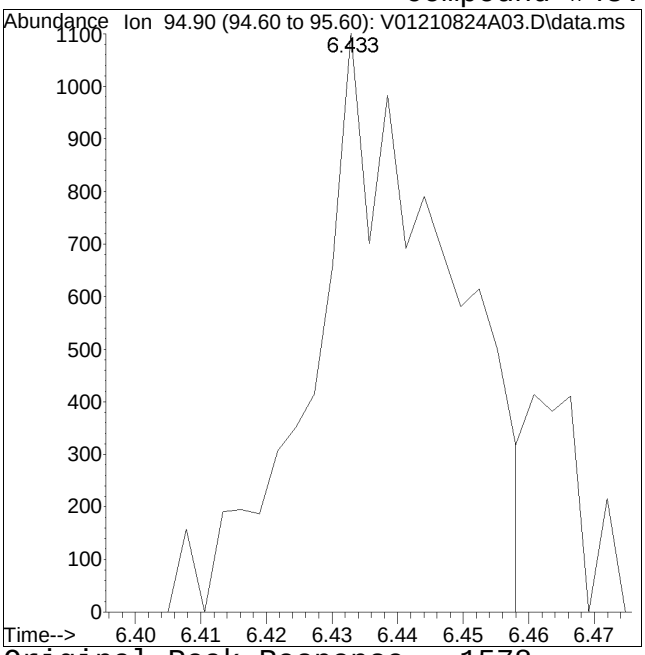
Manual Peak Response = 6682 M1

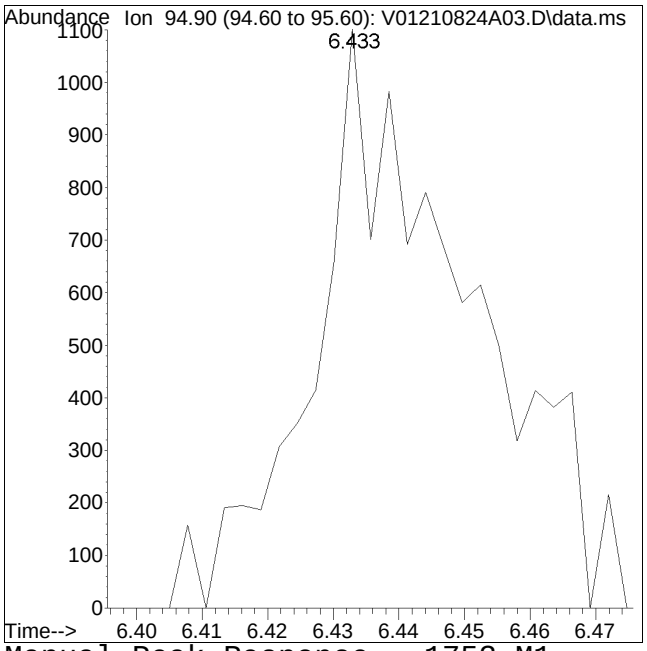
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2021\2QMethod : V101_210824A_8260.m
Data File : V01210824A03.D Operator : VOA101:KJD
Date Inj'd : 8/24/2021 11:15 am Instrument : VOA 101
Sample : I8260STD0.19PPB Quant Date : 8/24/2021 2:27 pm

Compound #48: Trichloroethene



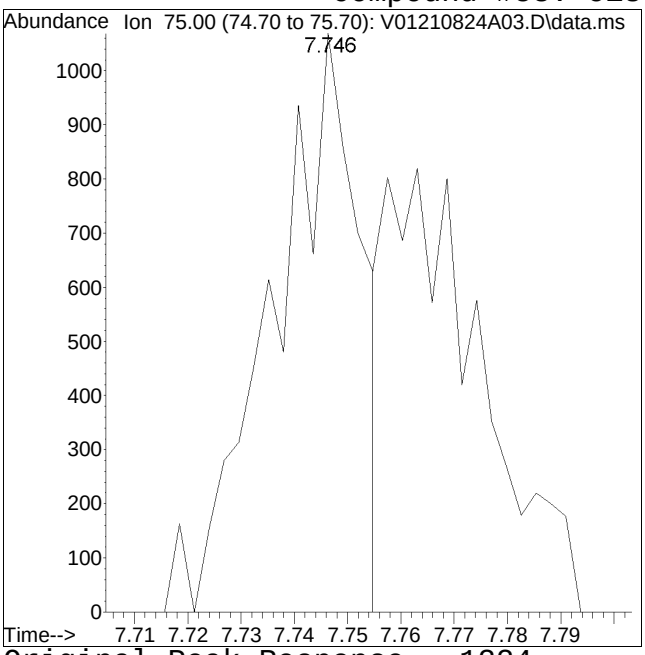


Original Peak Response = 1578 Manual Peak Response = 1753 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

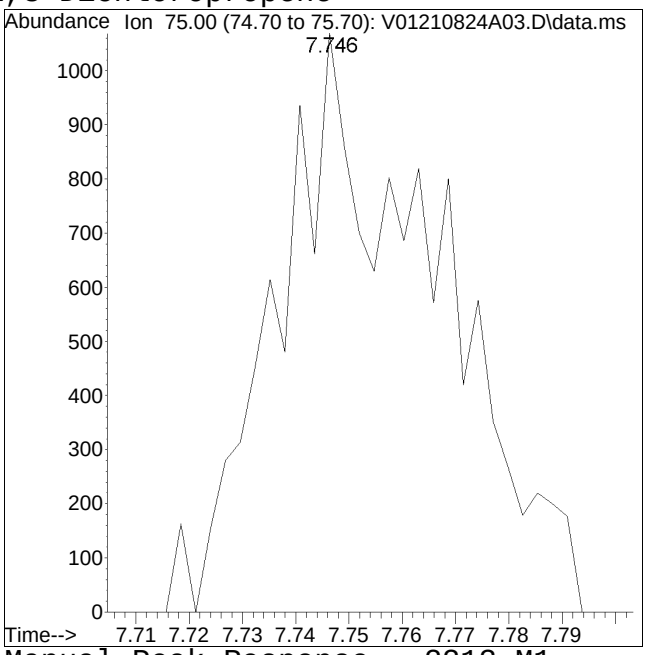
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2021\2QMethod : V101_210824A_8260.m
Data File : V01210824A03.D Operator : VOA101:KJD
Date Inj'd : 8/24/2021 11:15 am Instrument : VOA 101
Sample : I8260STD0.19PPB Quant Date : 8/24/2021 2:27 pm

Compound #58: cis-1,3-Dichloropropene



Original Peak Response = 1224



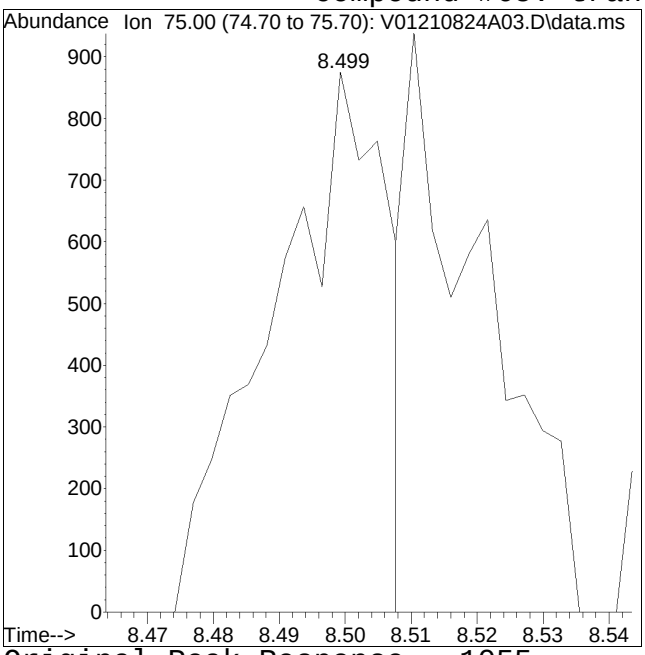
Manual Peak Response = 2213 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

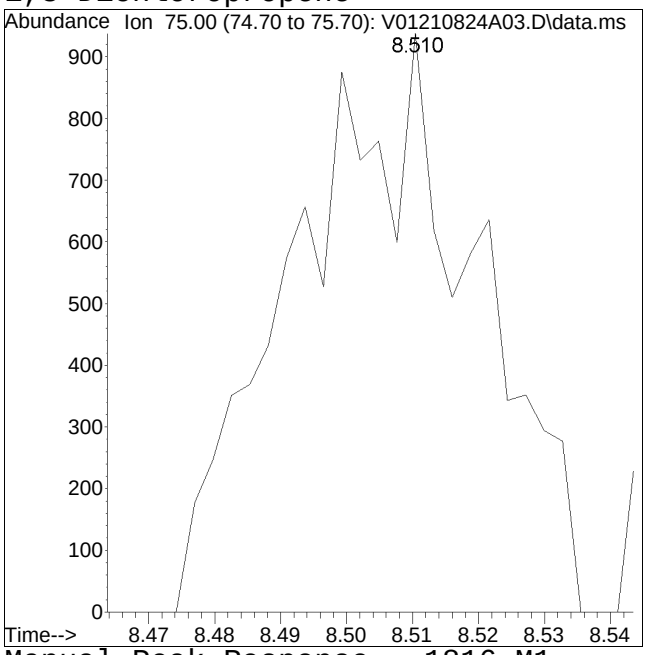
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2021\2QMethod : V101_210824A_8260.m
Data File : V01210824A03.D Operator : VOA101:KJD
Date Inj'd : 8/24/2021 11:15 am Instrument : VOA 101
Sample : I8260STD0.19PPB Quant Date : 8/24/2021 2:27 pm

Compound #65: trans-1,3-Dichloropropene



Original Peak Response = 1055



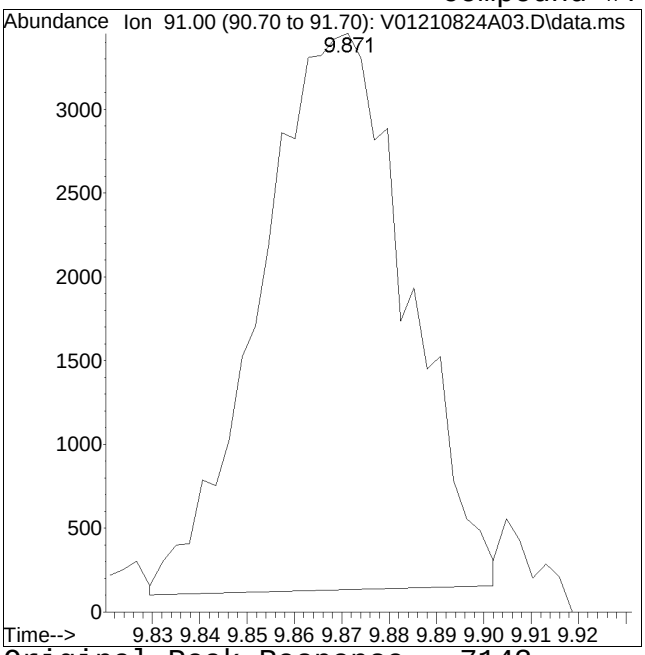
Manual Peak Response = 1816 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

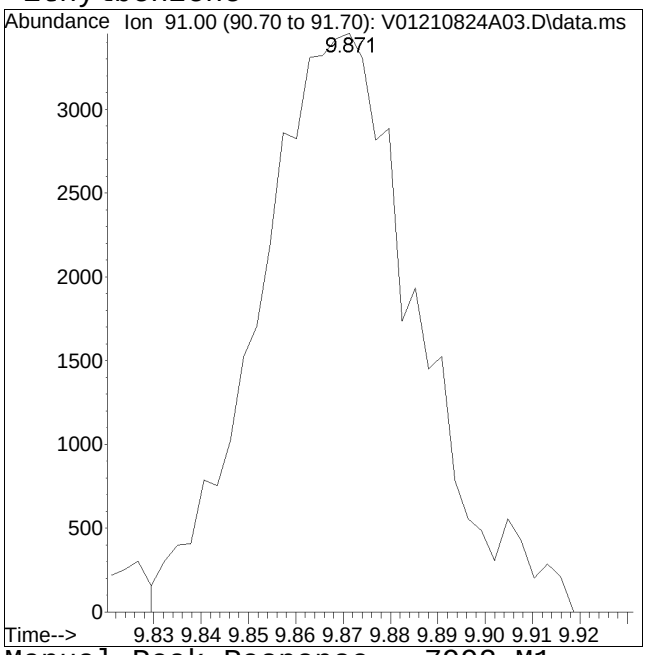
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2021\2QMethod : V101_210824A_8260.m
Data File : V01210824A03.D Operator : VOA101:KJD
Date Inj'd : 8/24/2021 11:15 am Instrument : VOA 101
Sample : I8260STD0.19PPB Quant Date : 8/24/2021 2:27 pm

Compound #74: Ethylbenzene



Original Peak Response = 7143



Manual Peak Response = 7992 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2021\210824AICAL\
Data File : V01210824A05.D
Acq On : 24 Aug 2021 12:02 pm
Operator : VOA101:KJD
Sample : I8260STD0.5PPB
Misc : WG1538690
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 24 15:36:50 2021
Quant Method : I:\VOLATILES\VOA101\2021\210824AICAL\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:44 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210824AICAL\V01210824A08.D
Sub List : 8260-CurveAlc - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.257	96	373215	10.000	ug/L	0.00
Standard Area 1 = 481117			Recovery =	77.57%		
59) Chlorobenzene-d5	9.810	117	296221	10.000	ug/L	0.00
Standard Area 1 = 312867			Recovery =	94.68%		
79) 1,4-Dichlorobenzene-d4	12.456	152	139828	10.000	ug/L	0.00
Standard Area 1 = 169266			Recovery =	82.61%		
System Monitoring Compounds						
36) Dibromofluoromethane	5.443	113	89992	9.933	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	99.33%		
43) 1,2-Dichloroethane-d4	5.976	65	101411	10.237	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	102.37%		
60) Toluene-d8	7.958	98	372109	9.728	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	97.28%		
83) 4-Bromofluorobenzene	11.268	95	143861	9.941	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	99.41%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.776	85	4125	0.462	ug/L	96
3) Chloromethane	1.982	50	7265	0.524	ug/L	93
4) Vinyl chloride	2.063	62	5356	0.409	ug/L	85
5) Bromomethane	2.387	94	1761	0.505	ug/L	86
6) Chloroethane	2.518	64	3520	0.489	ug/L #	61
7) Trichlorofluoromethane	2.663	101	6567	0.485	ug/L	97
8) Ethyl ether	2.967	74	2299	0.451	ug/L #	47
10) 1,1-Dichloroethene	3.173	96	4038M1	0.457	ug/L	
11) Carbon disulfide	3.204	76	13005	0.492	ug/L	99
12) Freon-113	3.206	101	4487	0.479	ug/L #	69
13) Iodomethane	3.304	142	2011	0.264	ug/L #	70
14) Acrolein	3.508	56	275	0.276	ug/L	92
15) Methylene chloride	3.731	84	4776	0.489	ug/L #	70
16) Isopropyl alcohol	0.000		0	N.D.	d	
17) Acetone	3.772	43	1904M1	1.089	ug/L	
18) trans-1,2-Dichloroethene	3.887	96	4344	0.448	ug/L #	74
19) Methyl acetate	3.890	43	2825M1	0.552	ug/L	
20) Methyl tert-butyl ether	3.984	73	11078	0.484	ug/L #	82
21) tert-Butyl alcohol	4.057	59	1138M1	2.109	ug/L	
22) Diisopropyl ether	4.341	45	20519	0.509	ug/L #	75
23) 1,1-Dichloroethane	4.475	63	10326	0.481	ug/L	72

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2021\210824AICAL\
Data File : V01210824A05.D
Acq On : 24 Aug 2021 12:02 pm
Operator : VOA101:KJD
Sample : I8260STD0.5PPB
Misc : WG1538690
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 24 15:36:50 2021
Quant Method : I:\VOLATILES\VOA101\2021\210824AICAL\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:44 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210824AICAL\V01210824A08.D
Sub List : 8260-CurveAlc - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
24) Halothane	4.537	117	3547M1	0.480	ug/L		
25) Acrylonitrile	4.525	53	1515M1	0.515	ug/L		
26) Ethyl tert-butyl ether	4.696	59	16875	0.479	ug/L	#	80
27) Vinyl acetate	4.712	43	10249M1	0.473	ug/L		
28) cis-1,2-Dichloroethene	4.994	96	4779M1	0.455	ug/L		
29) 2,2-Dichloropropane	5.103	77	6619	0.496	ug/L		92
30) Bromochloromethane	5.197	128	2057M1	0.501	ug/L		
31) Cyclohexane	5.211	56	12457	0.500	ug/L	#	50
32) Chloroform	5.270	83	7923	0.473	ug/L	#	78
33) Ethyl acetate	5.370	43	4125M1	0.542	ug/L		
34) Carbon tetrachloride	5.404	117	6878M1	0.535	ug/L		
35) Tetrahydrofuran	5.423	42	1659M1	0.705	ug/L		
37) 1,1,1-Trichloroethane	5.462	97	6736M1	0.474	ug/L		
38) 2-Butanol	0.000		0	N.D.	d		
39) 2-Butanone	5.560	43	1533M1	0.527	ug/L		
40) 1,1-Dichloropropene	5.593	75	6007M1	0.453	ug/L		
41) Benzene	5.839	78	18583	0.472	ug/L		91
42) tert-Amyl methyl ether	5.942	73	11031	0.480	ug/L	#	85
44) 1,2-Dichloroethane	6.048	62	6314	0.514	ug/L		96
46) 2-Methyl-2-butanol	6.140	59	1160M1	2.434	ug/L		
47) Methyl cyclohexane	6.427	83	7221	0.437	ug/L		92
48) Trichloroethene	6.438	95	4860M1	0.480	ug/L		
50) Dibromomethane	6.890	93	2299M1	0.477	ug/L		
51) 1,2-Dichloropropane	6.988	63	5949	0.475	ug/L	#	91
52) 4-penten-2-ol	0.000		0	N.D.	d		
53) 2-Chloroethyl vinyl ether	0.000		0	N.D.	d		
54) Bromodichloromethane	7.055	83	5918	0.471	ug/L	#	94
57) 1,4-Dioxane	7.267	88	3649M1	96.629	ug/L		
58) cis-1,3-Dichloropropene	7.749	75	6565	0.441	ug/L	#	72
61) Toluene	8.025	92	12491	0.471	ug/L		98
62) 4-Methyl-2-pentanone	8.452	58	1360M1	0.458	ug/L		
63) Tetrachloroethene	8.460	166	4665M1	0.475	ug/L		
65) trans-1,3-Dichloropropene	8.499	75	5332	0.430	ug/L		95
66) 4-Methyl-2-pentanol	8.572	45	3078M1	2.344	ug/L		
67) Ethyl methacrylate	8.678	69	4220	0.417	ug/L	#	51
68) 1,1,2-Trichloroethane	8.697	83	3005M1	0.492	ug/L		
69) Chlorodibromomethane	8.898	129	3591	0.438	ug/L	#	61
70) 1,3-Dichloropropane	9.015	76	6352	0.503	ug/L	#	72
71) 1,2-Dibromoethane	9.185	107	3122M1	0.465	ug/L		
72) 2-Hexanone	9.464	43	1944M1	0.442	ug/L		

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2021\210824AICAL\
Data File : V01210824A05.D
Acq On : 24 Aug 2021 12:02 pm
Operator : VOA101:KJD
Sample : I8260STD0.5PPB
Misc : WG1538690
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 24 15:36:50 2021
Quant Method : I:\VOLATILES\VOA101\2021\210824AICAL\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:44 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210824AICAL\V01210824A08.D
Sub List : 8260-CurveAlc - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
73) Chlorobenzene	9.832	112	12884	0.485	ug/L	#	93
74) Ethylbenzene	9.868	91	22575	0.464	ug/L		97
75) 1,1,1,2-Tetrachloroethane	9.910	131	3939	0.446	ug/L		92
76) p/m Xylene	10.055	106	16694	0.916	ug/L		100
77) o Xylene	10.580	106	15682	0.942	ug/L		100
78) Styrene	10.646	104	24320	0.885	ug/L		100
80) Bromoform	10.677	173	1853M1	0.427	ug/L		
82) Isopropylbenzene	10.956	105	20024	0.455	ug/L		96
84) Bromobenzene	11.380	156	4318	0.491	ug/L		97
85) n-Propylbenzene	11.419	91	23355	0.468	ug/L		100
86) 1,4-Dichlorobutane	11.436	55	8790	0.531	ug/L	#	85
87) 1,1,2,2-Tetrachloroethane	11.505	83	3807M1	0.499	ug/L		
88) 4-Ethyltoluene	11.544	105	19205	0.469	ug/L		98
89) 2-Chlorotoluene	11.589	91	14459	0.483	ug/L	#	72
90) 1,3,5-Trimethylbenzene	11.636	105	15423	0.464	ug/L		93
91) 1,2,3-Trichloropropane	11.642	75	3390	0.608	ug/L	#	82
92) trans-1,4-Dichloro-2-b...	11.692	53	867	0.386	ug/L	#	20
93) 4-Chlorotoluene	11.770	91	14545	0.472	ug/L		93
94) tert-Butylbenzene	11.977	119	12413	0.456	ug/L		95
97) 1,2,4-Trimethylbenzene	12.049	105	15064	0.463	ug/L		97
98) sec-Butylbenzene	12.155	105	18432	0.464	ug/L		94
99) p-Isopropyltoluene	12.309	119	14419	0.457	ug/L		96
100) 1,3-Dichlorobenzene	12.384	146	8032	0.477	ug/L	#	91
101) 1,4-Dichlorobenzene	12.470	146	8763	0.508	ug/L	#	84
102) p-Diethylbenzene	12.679	119	8290	0.461	ug/L		94
103) n-Butylbenzene	12.738	91	11601	0.436	ug/L		97
104) 1,2-Dichlorobenzene	12.897	146	7218	0.484	ug/L		97
105) 1,2,4,5-Tetramethylben...	13.466	119	10466	0.445	ug/L		97
106) 1,2-Dibromo-3-chloropr...	13.675	155	264M1	0.338	ug/L		
107) 1,3,5-Trichlorobenzene	13.697	180	3913	0.495	ug/L		92
108) Hexachlorobutadiene	14.269	225	1369	0.489	ug/L	#	83
109) 1,2,4-Trichlorobenzene	14.302	180	3099M1	0.482	ug/L		
110) Naphthalene	14.590	128	6641	0.467	ug/L		100
111) 1,2,3-Trichlorobenzene	14.754	180	2446	0.500	ug/L		93

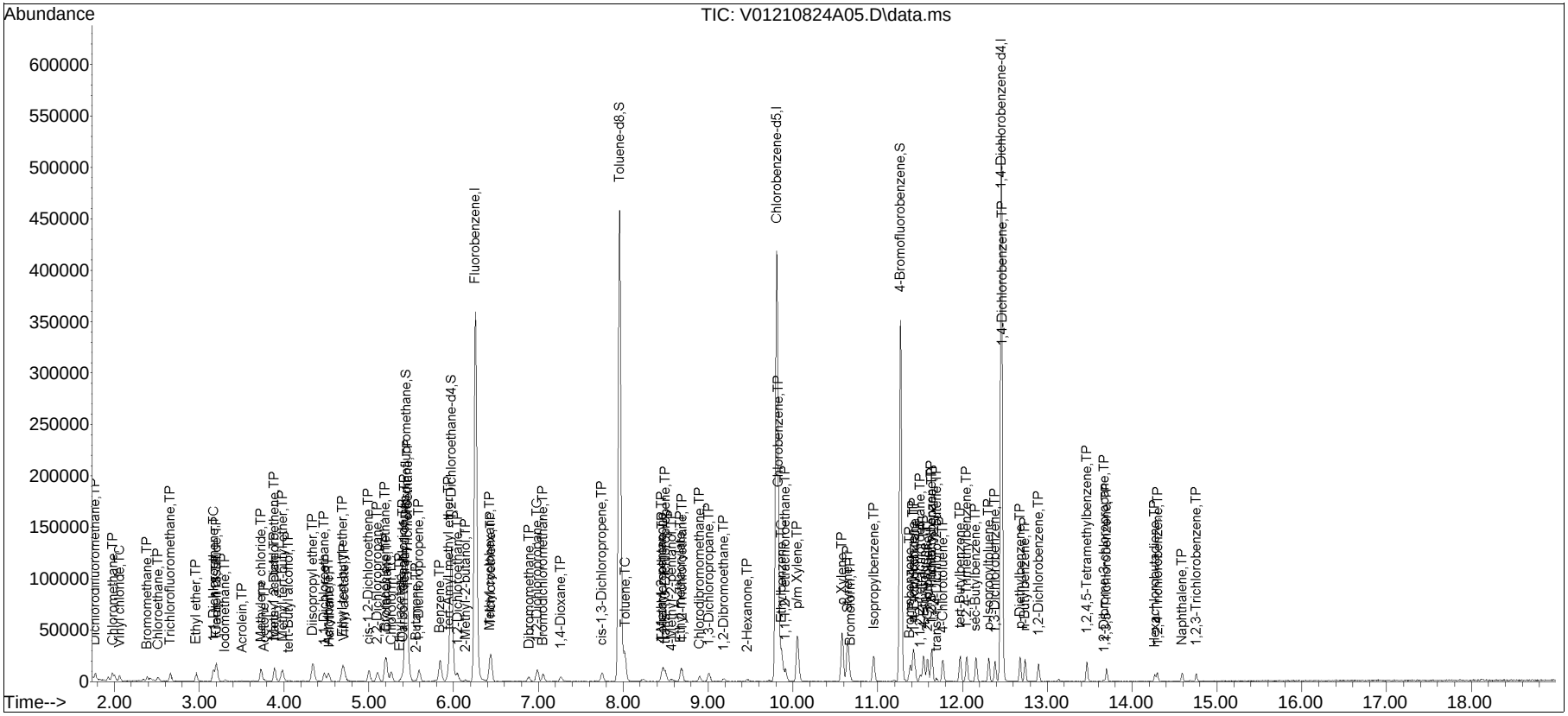
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2021\210824AICAL\
Data File : V01210824A05.D
Acq On : 24 Aug 2021 12:02 pm
Operator : VOA101:KJD
Sample : I8260STD0.5PPB
Misc : WG1538690
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 24 15:36:50 2021
Quant Method : I:\VOLATILES\VOA101\2021\210824AICAL\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:44 2021
Response via : Initial Calibration

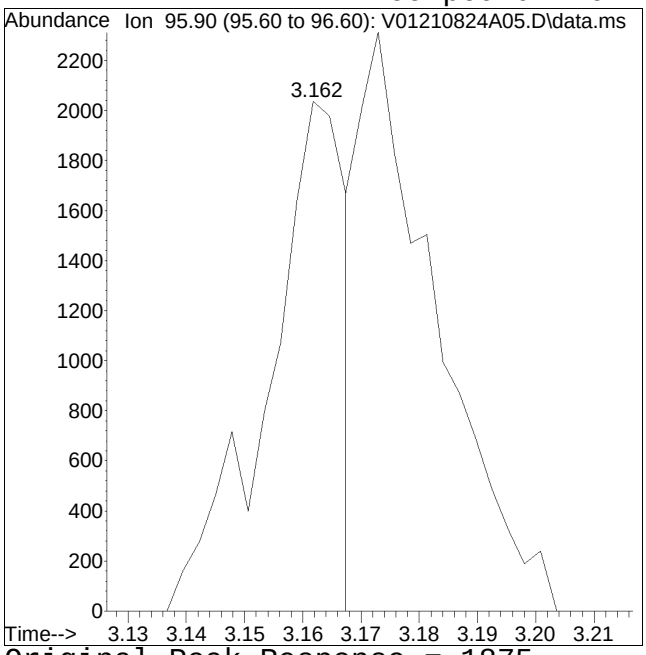
Sub List : 8260-CurveAlc - All compounds listedICAL\V01210824A08.D•

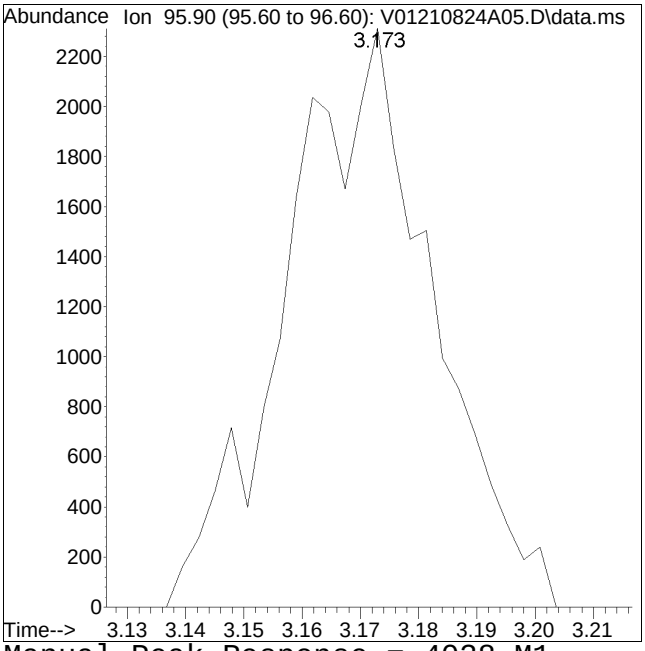


Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2021\2QMethod : V101_210824A_8260.m
Data File : V01210824A05.D Operator : VOA101:KJD
Date Inj'd : 8/24/2021 12:02 pm Instrument : VOA 101
Sample : I8260STD0.5PPB Quant Date : 8/24/2021 3:36 pm

Compound #10: 1,1-Dichloroethene





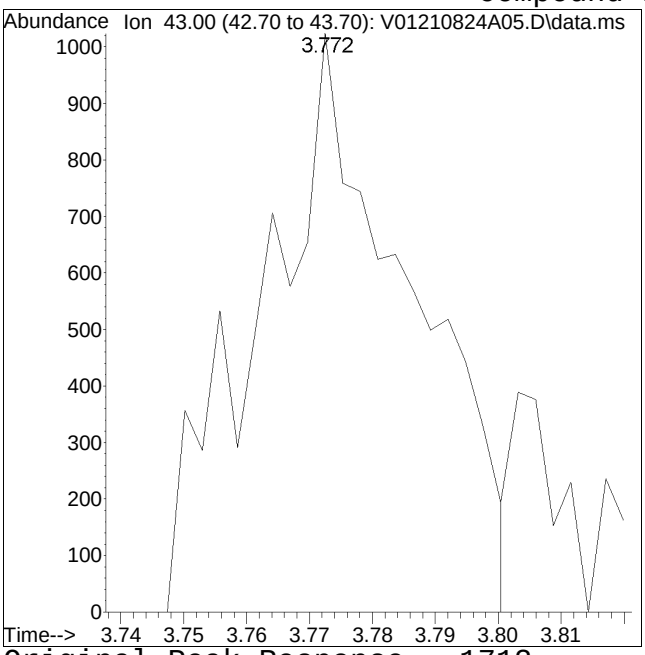
Original Peak Response = 1875 Manual Peak Response = 4038 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

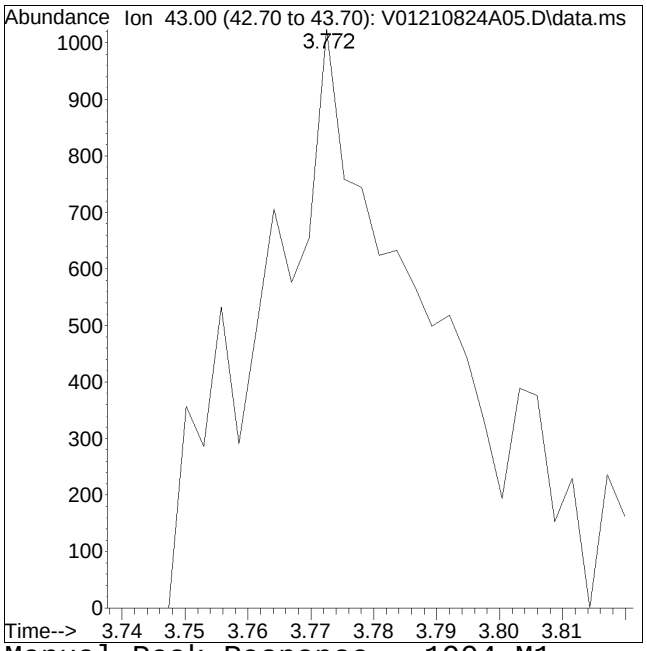
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2021\2QMethod : V101_210824A_8260.m
Data File : V01210824A05.D Operator : VOA101:KJD
Date Inj'd : 8/24/2021 12:02 pm Instrument : VOA 101
Sample : I8260STD0.5PPB Quant Date : 8/24/2021 3:36 pm

Compound #17: Acetone



Original Peak Response = 1712



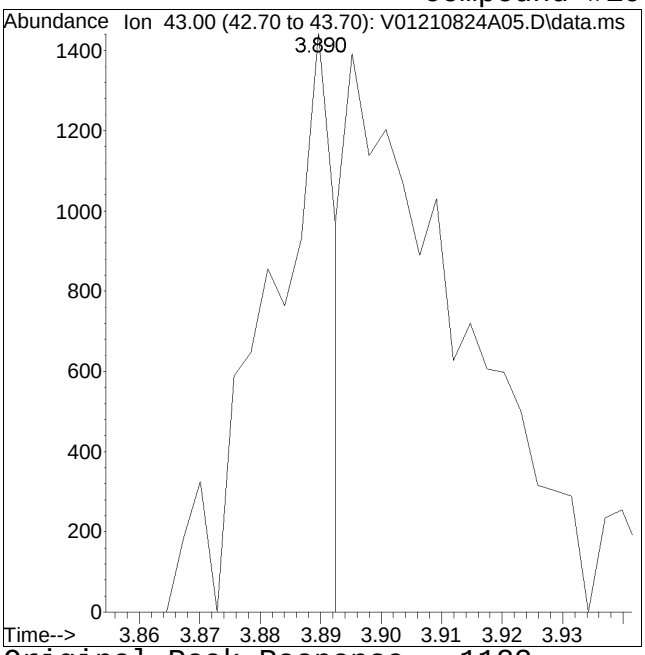
Manual Peak Response = 1904 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

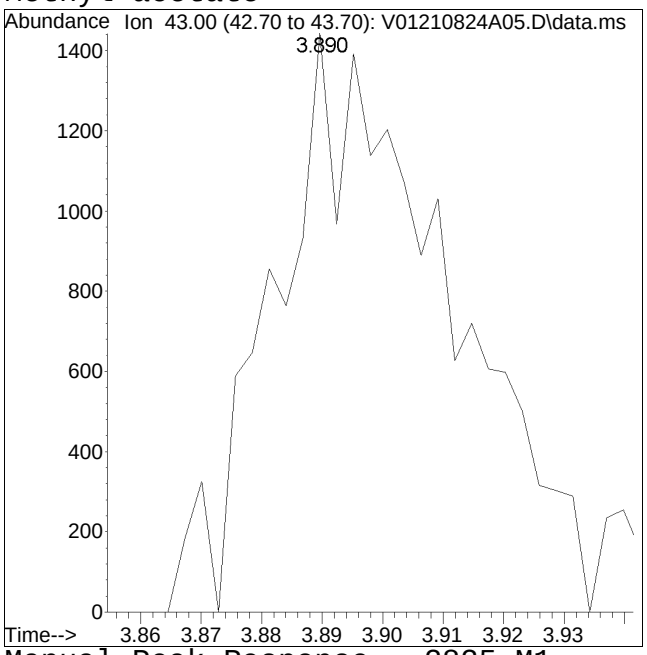
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2021\2QMethod : V101_210824A_8260.m
Data File : V01210824A05.D Operator : VOA101:KJD
Date Inj'd : 8/24/2021 12:02 pm Instrument : VOA 101
Sample : I8260STD0.5PPB Quant Date : 8/24/2021 3:36 pm

Compound #19: Methyl acetate



Original Peak Response = 1122



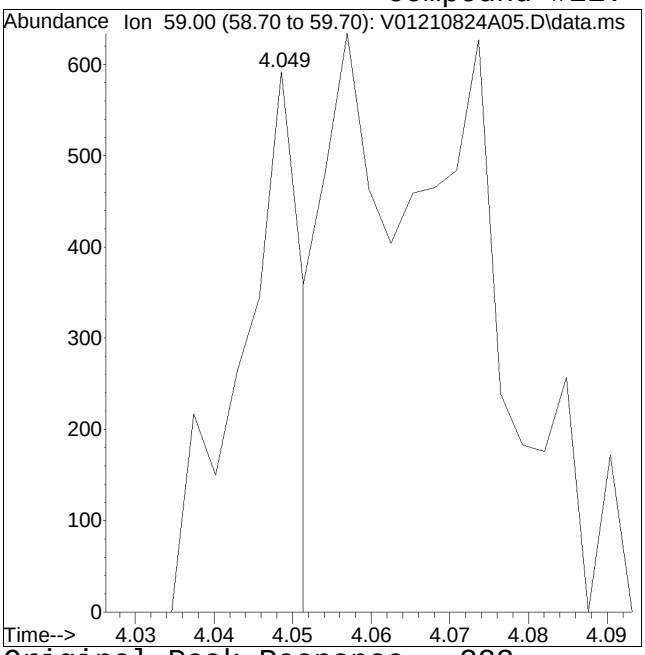
Manual Peak Response = 2825 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

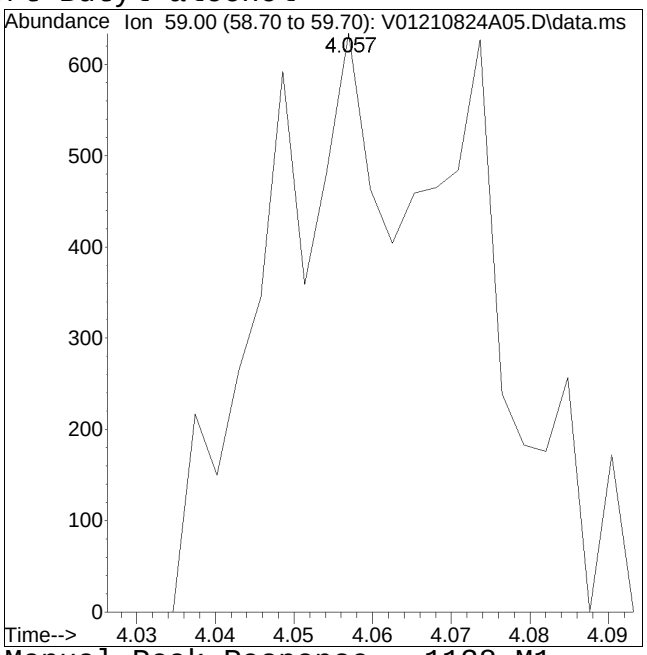
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2021\2QMethod : V101_210824A_8260.m
Data File : V01210824A05.D Operator : VOA101:KJD
Date Inj'd : 8/24/2021 12:02 pm Instrument : VOA 101
Sample : I8260STD0.5PPB Quant Date : 8/24/2021 3:36 pm

Compound #21: tert-Butyl alcohol



Original Peak Response = 323



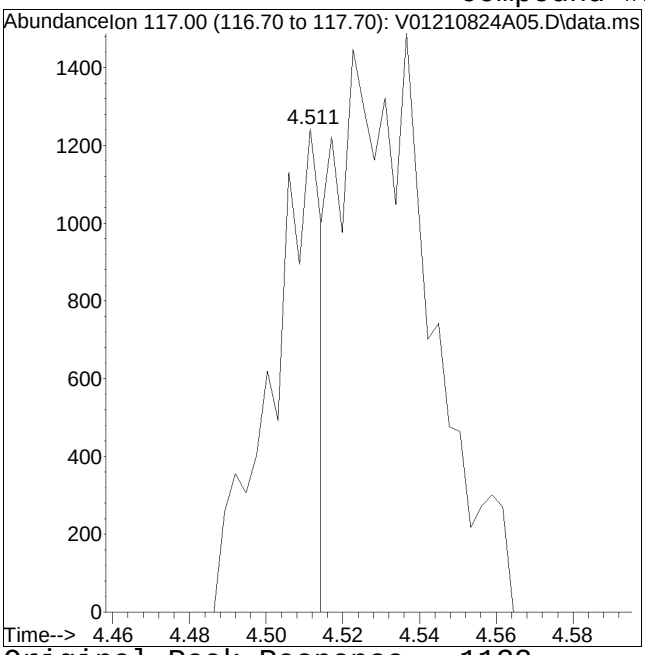
Manual Peak Response = 1138 M1

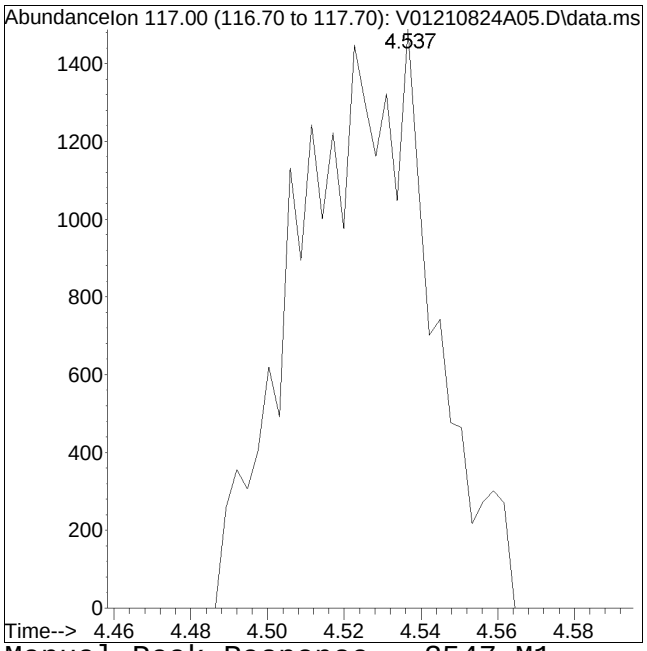
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2021\2QMethod : V101_210824A_8260.m
Data File : V01210824A05.D Operator : VOA101:KJD
Date Inj'd : 8/24/2021 12:02 pm Instrument : VOA 101
Sample : I8260STD0.5PPB Quant Date : 8/24/2021 3:36 pm

Compound #24: Halothane



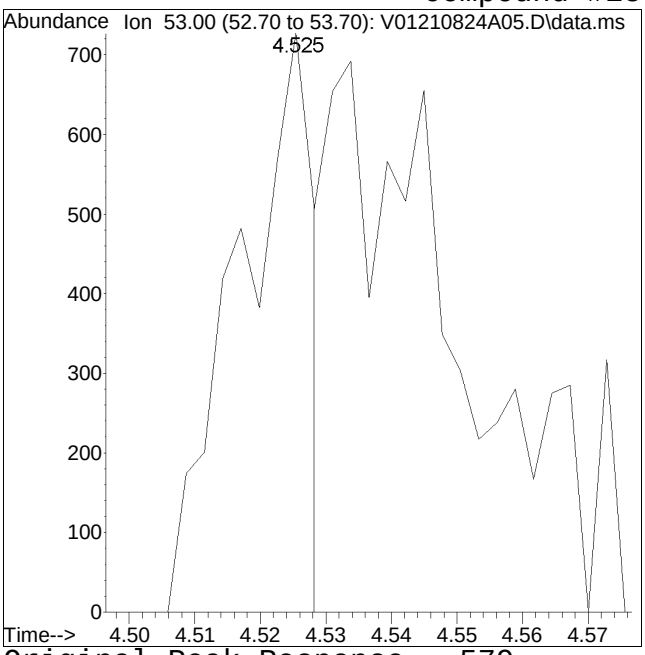


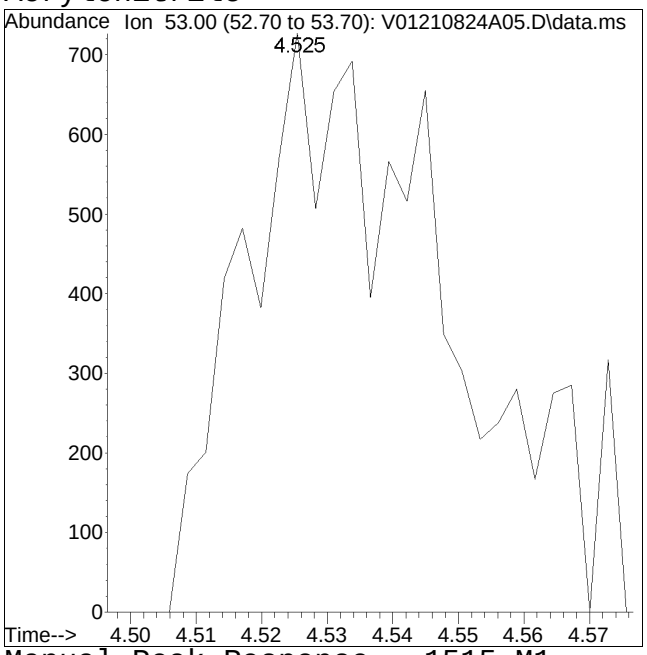
Original Peak Response = 1122 Manual Peak Response = 3547 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2021\2QMethod : V101_210824A_8260.m
Data File : V01210824A05.D Operator : VOA101:KJD
Date Inj'd : 8/24/2021 12:02 pm Instrument : VOA 101
Sample : I8260STD0.5PPB Quant Date : 8/24/2021 3:36 pm

Compound #25: Acrylonitrile



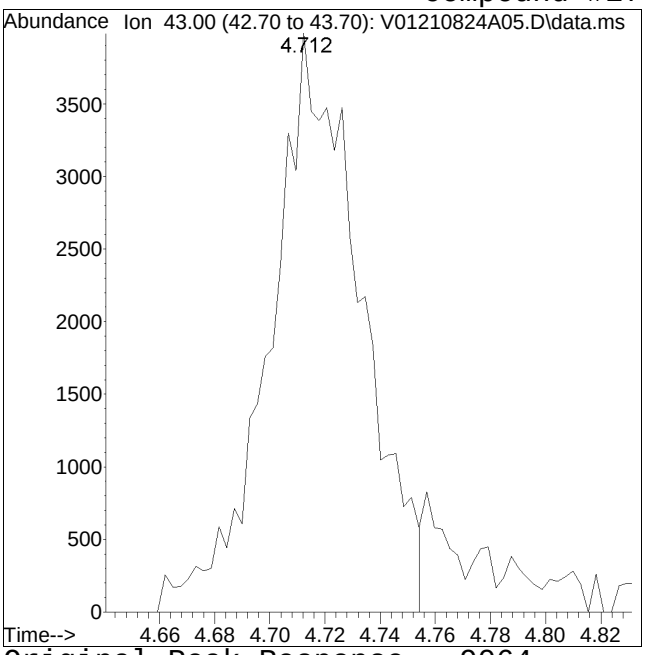


Original Peak Response = 579 Manual Peak Response = 1515 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

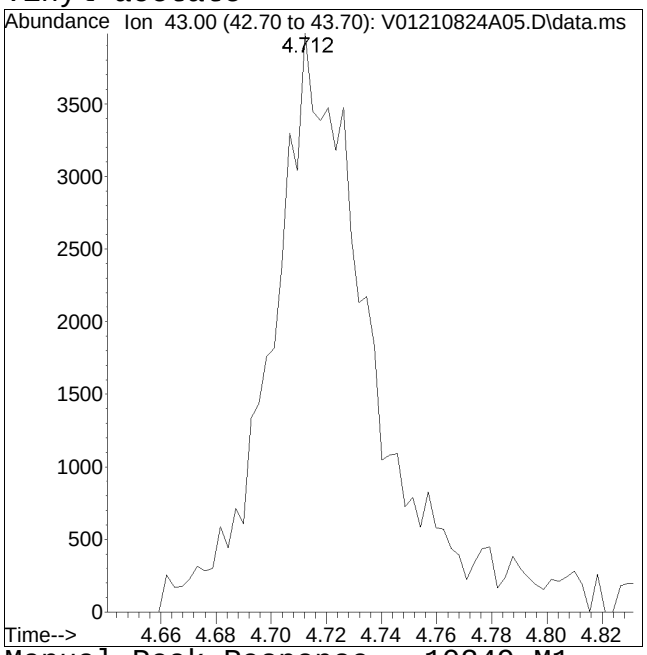
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2021\2QMethod : V101_210824A_8260.m
Data File : V01210824A05.D Operator : VOA101:KJD
Date Inj'd : 8/24/2021 12:02 pm Instrument : VOA 101
Sample : I8260STD0.5PPB Quant Date : 8/24/2021 3:36 pm

Compound #27: Vinyl acetate



Original Peak Response = 9064



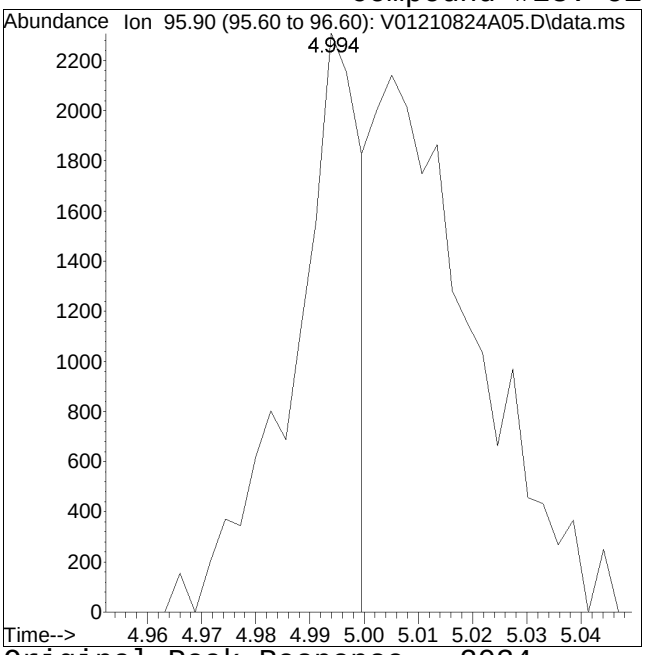
Manual Peak Response = 10249 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

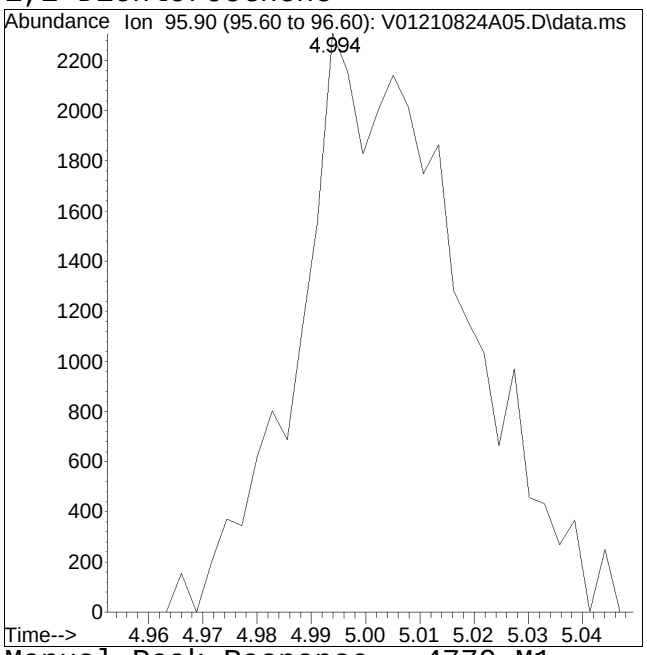
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2021\2QMethod : V101_210824A_8260.m
Data File : V01210824A05.D Operator : VOA101:KJD
Date Inj'd : 8/24/2021 12:02 pm Instrument : VOA 101
Sample : I8260STD0.5PPB Quant Date : 8/24/2021 3:36 pm

Compound #28: cis-1,2-Dichloroethene



Original Peak Response = 2034



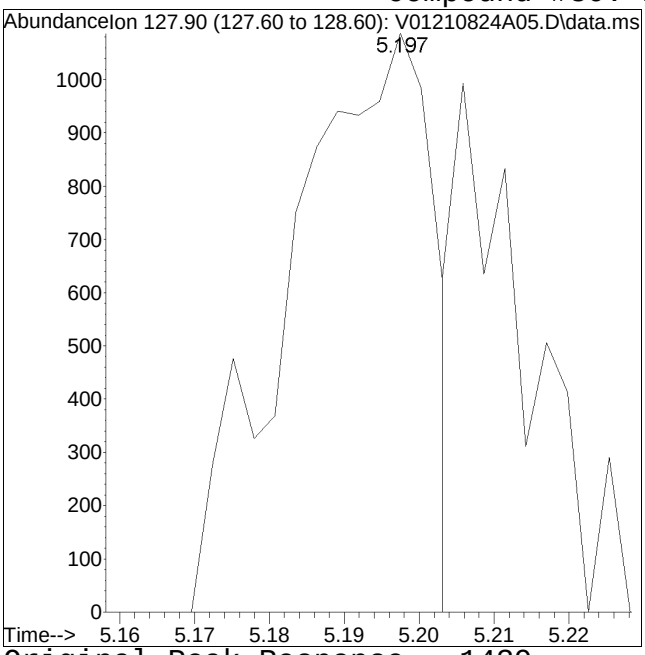
Manual Peak Response = 4779 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

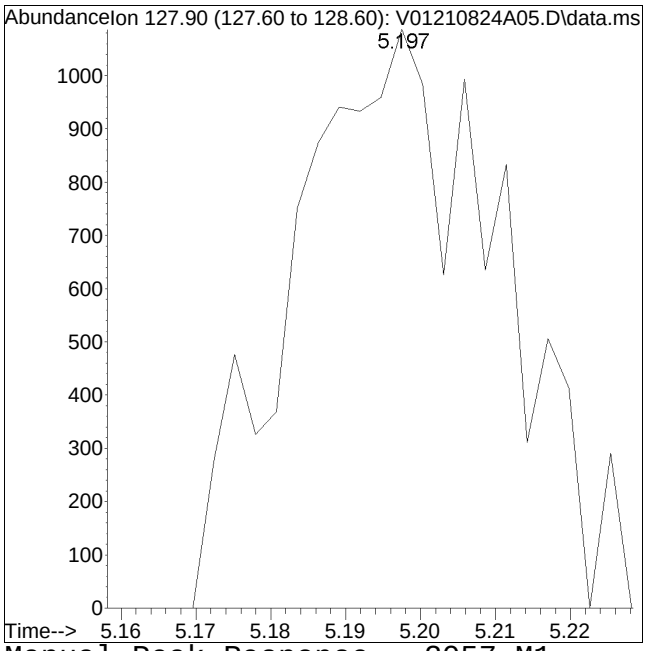
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2021\2QMethod : V101_210824A_8260.m
Data File : V01210824A05.D Operator : VOA101:KJD
Date Inj'd : 8/24/2021 12:02 pm Instrument : VOA 101
Sample : I8260STD0.5PPB Quant Date : 8/24/2021 3:36 pm

Compound #30: Bromochloromethane



Original Peak Response = 1439



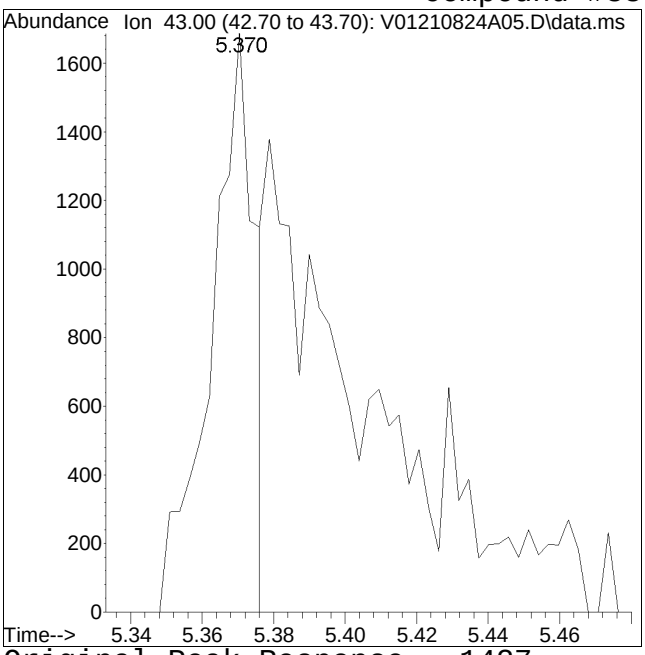
Manual Peak Response = 2057 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

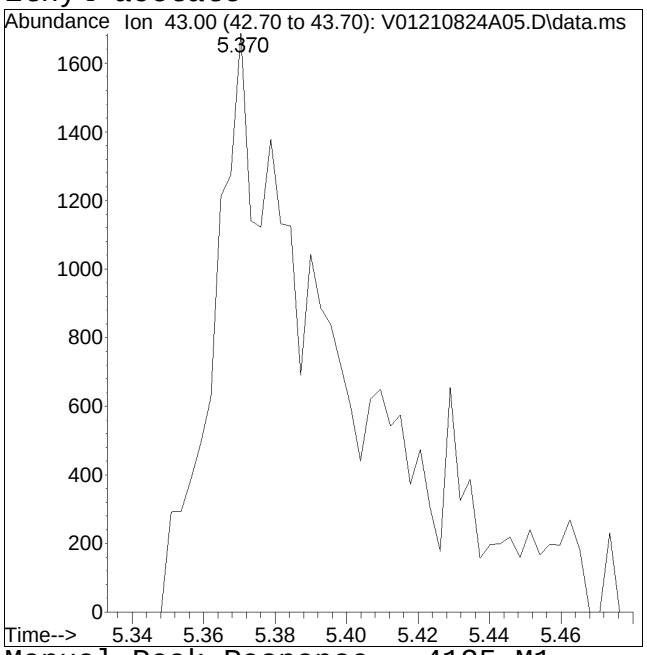
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2021\2QMethod : V101_210824A_8260.m
Data File : V01210824A05.D Operator : VOA101:KJD
Date Inj'd : 8/24/2021 12:02 pm Instrument : VOA 101
Sample : I8260STD0.5PPB Quant Date : 8/24/2021 3:36 pm

Compound #33: Ethyl acetate



Original Peak Response = 1427



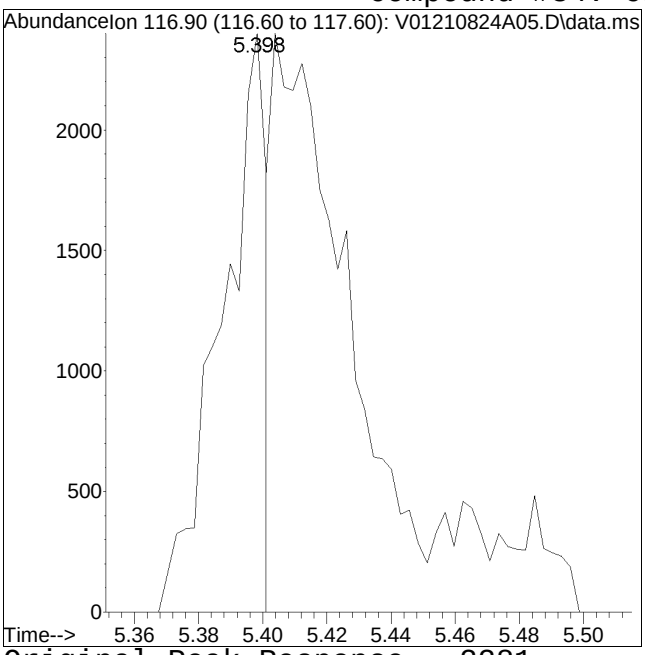
Manual Peak Response = 4125 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

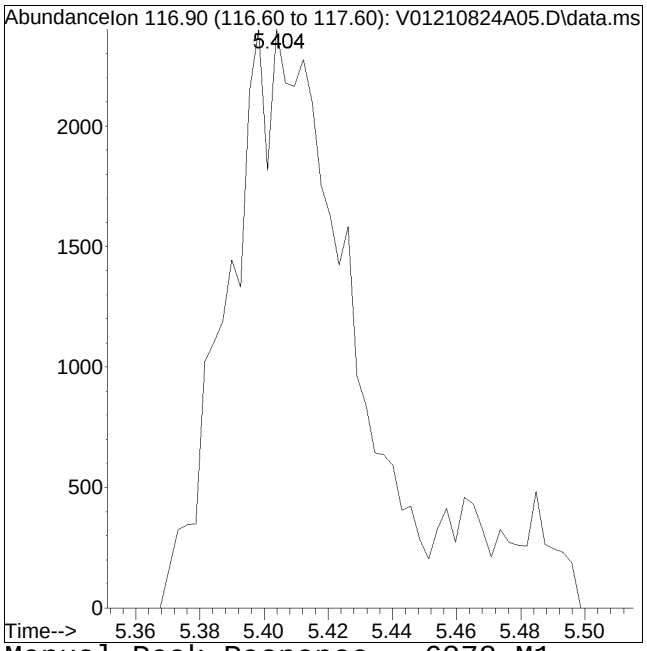
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2021\2QMethod : V101_210824A_8260.m
Data File : V01210824A05.D Operator : VOA101:KJD
Date Inj'd : 8/24/2021 12:02 pm Instrument : VOA 101
Sample : I8260STD0.5PPB Quant Date : 8/24/2021 3:36 pm

Compound #34: Carbon tetrachloride



Original Peak Response = 2281



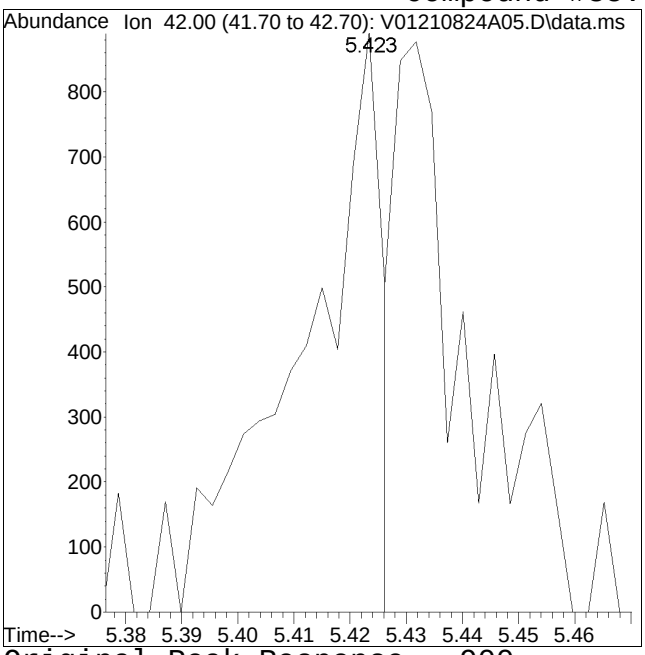
Manual Peak Response = 6878 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

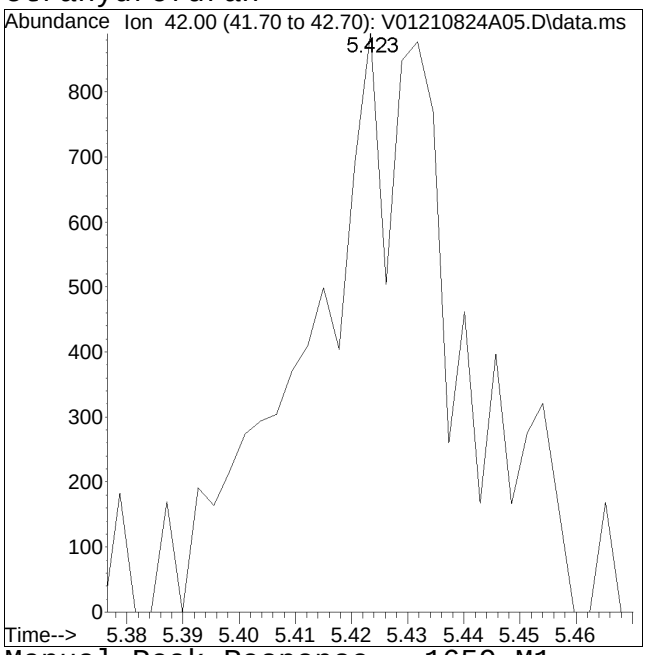
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2021\2QMethod : V101_210824A_8260.m
Data File : V01210824A05.D Operator : VOA101:KJD
Date Inj'd : 8/24/2021 12:02 pm Instrument : VOA 101
Sample : I8260STD0.5PPB Quant Date : 8/24/2021 3:36 pm

Compound #35: Tetrahydrofuran



Original Peak Response = 900



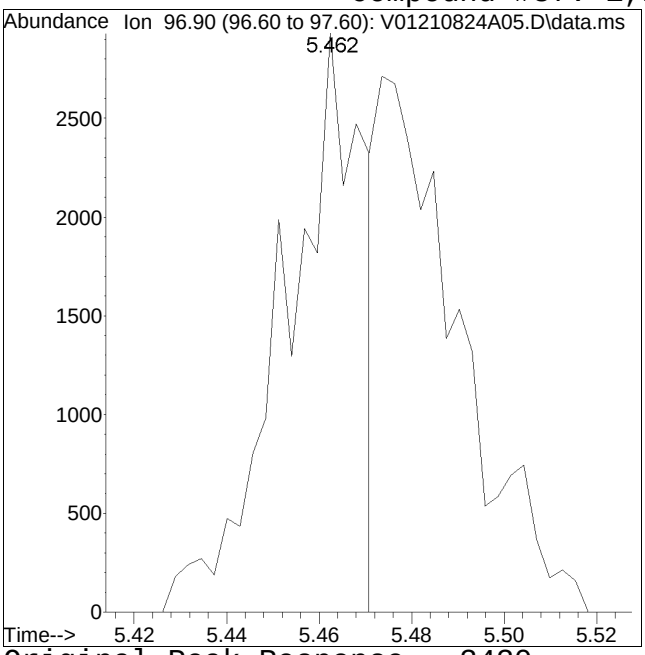
Manual Peak Response = 1659 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

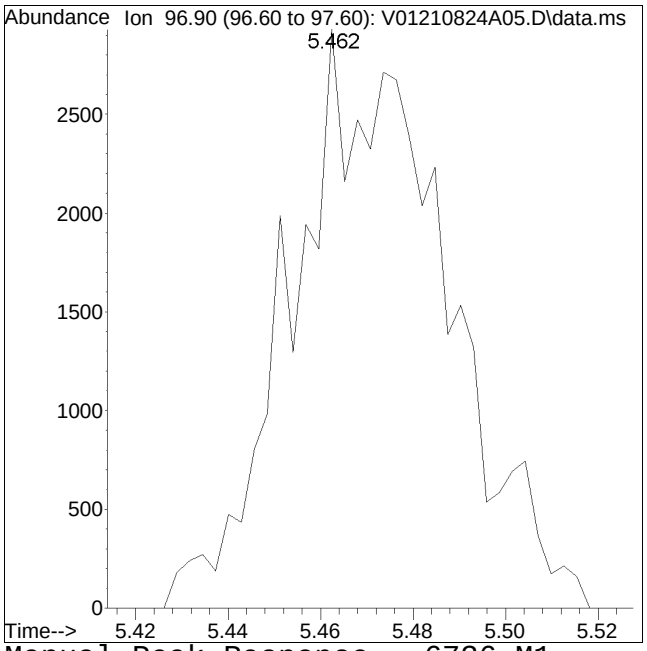
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2021\2QMethod : V101_210824A_8260.m
Data File : V01210824A05.D Operator : VOA101:KJD
Date Inj'd : 8/24/2021 12:02 pm Instrument : VOA 101
Sample : I8260STD0.5PPB Quant Date : 8/24/2021 3:36 pm

Compound #37: 1,1,1-Trichloroethane



Original Peak Response = 3430



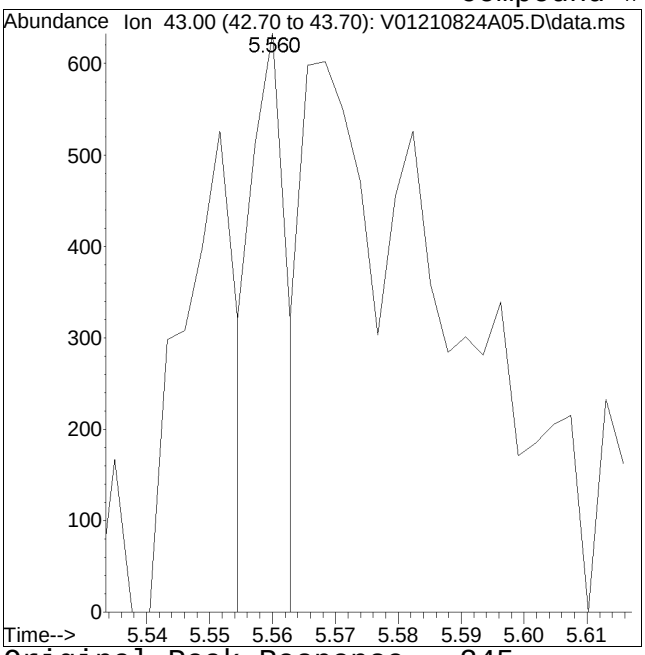
Manual Peak Response = 6736 M1

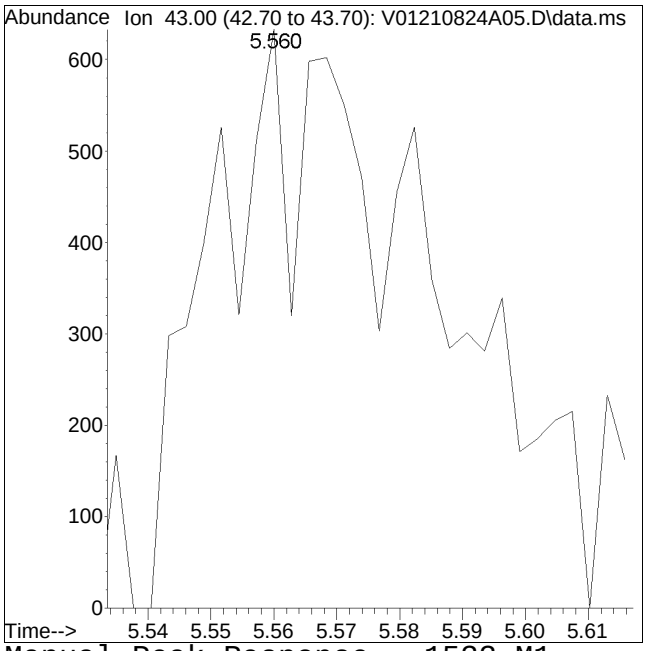
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2021\2QMethod : V101_210824A_8260.m
Data File : V01210824A05.D Operator : VOA101:KJD
Date Inj'd : 8/24/2021 12:02 pm Instrument : VOA 101
Sample : I8260STD0.5PPB Quant Date : 8/24/2021 3:36 pm

Compound #39: 2-Butanone



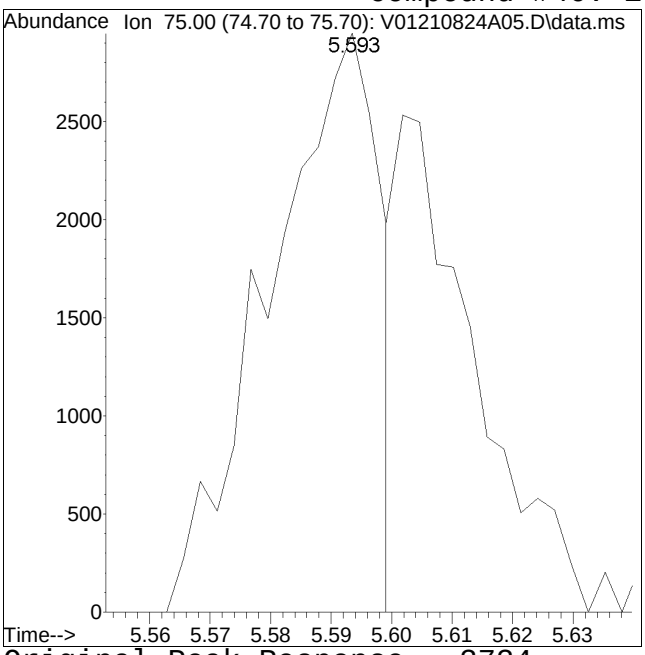


Original Peak Response = 245 Manual Peak Response = 1533 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

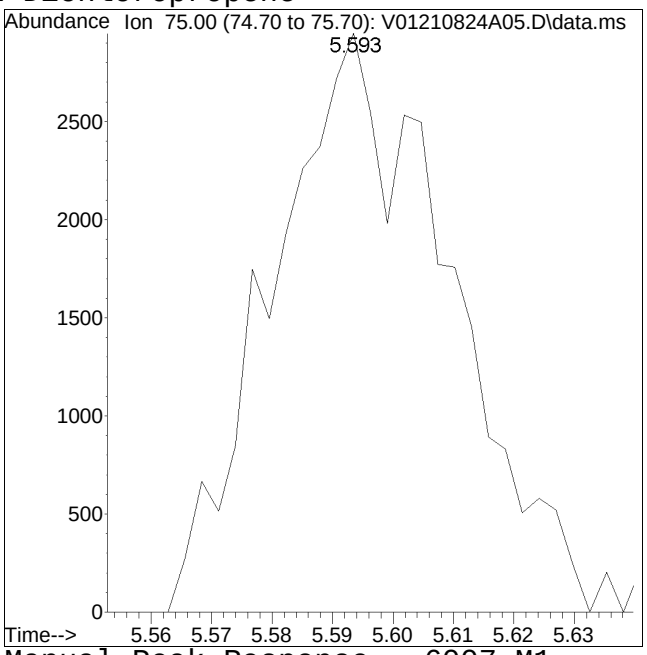
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2021\2QMethod : V101_210824A_8260.m
Data File : V01210824A05.D Operator : VOA101:KJD
Date Inj'd : 8/24/2021 12:02 pm Instrument : VOA 101
Sample : I8260STD0.5PPB Quant Date : 8/24/2021 3:36 pm

Compound #40: 1,1-Dichloropropene



Original Peak Response = 3734



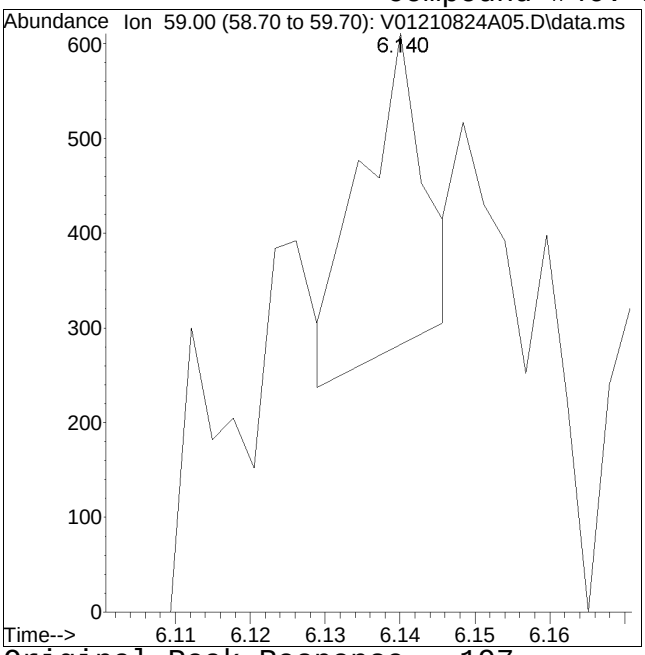
Manual Peak Response = 6007 M1

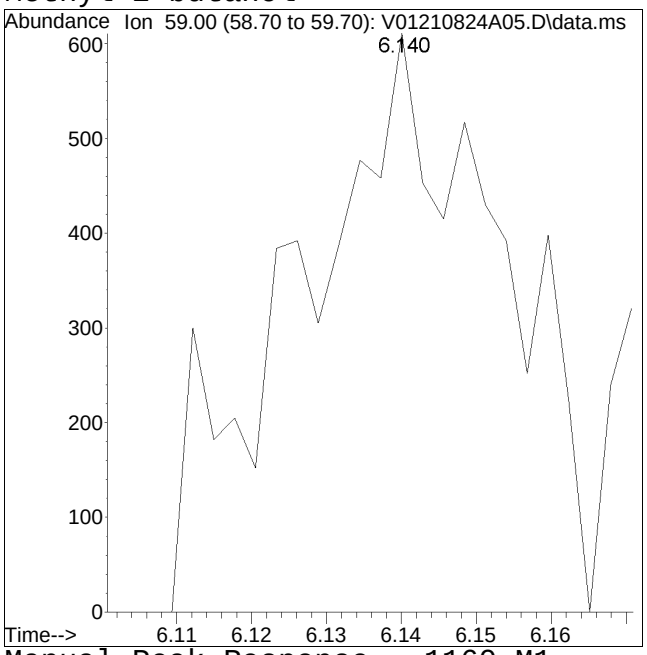
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2021\2QMethod : V101_210824A_8260.m
Data File : V01210824A05.D Operator : VOA101:KJD
Date Inj'd : 8/24/2021 12:02 pm Instrument : VOA 101
Sample : I8260STD0.5PPB Quant Date : 8/24/2021 3:36 pm

Compound #46: 2-Methyl-2-butanol



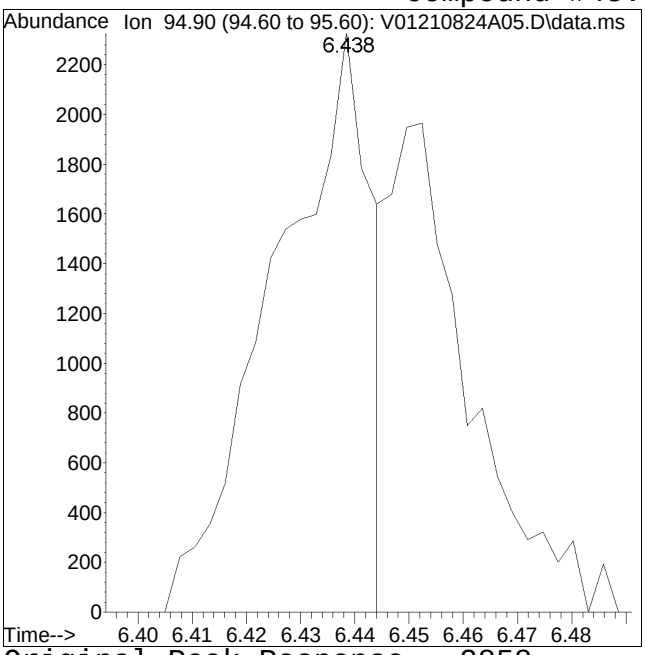


Original Peak Response = 197 Manual Peak Response = 1160 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

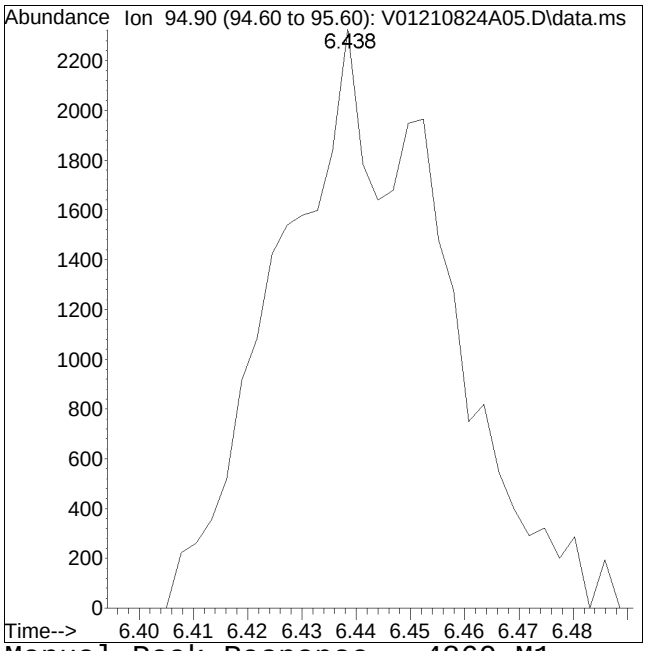
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2021\2QMethod : V101_210824A_8260.m
Data File : V01210824A05.D Operator : VOA101:KJD
Date Inj'd : 8/24/2021 12:02 pm Instrument : VOA 101
Sample : I8260STD0.5PPB Quant Date : 8/24/2021 3:36 pm

Compound #48: Trichloroethene



Original Peak Response = 2858

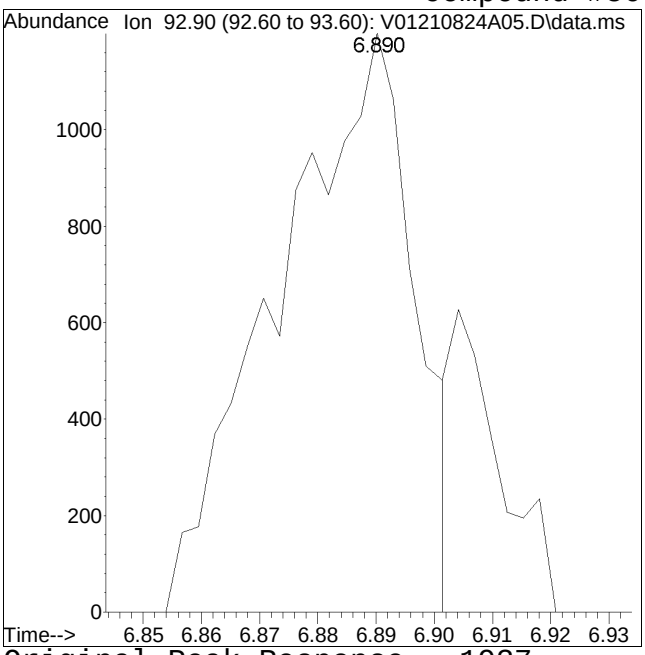


Manual Peak Response = 4860 M1

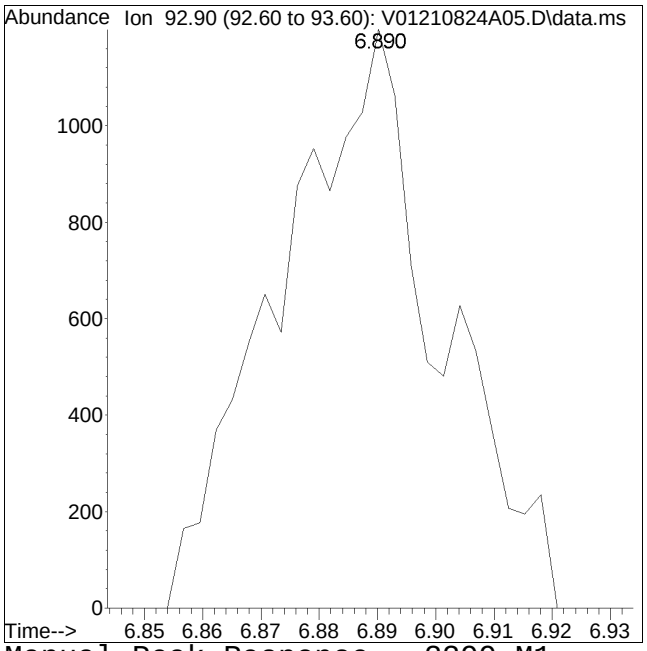
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Data Path : I:\VOLATILES\VOA101\2021\2QMethod : V101_210824A_8260.m
Data File : V01210824A05.D Operator : VOA101:KJD
Date Inj'd : 8/24/2021 12:02 pm Instrument : VOA 101
Sample : I8260STD0.5PPB Quant Date : 8/24/2021 3:36 pm

Compound #50: Dibromomethane



Original Peak Response = 1937



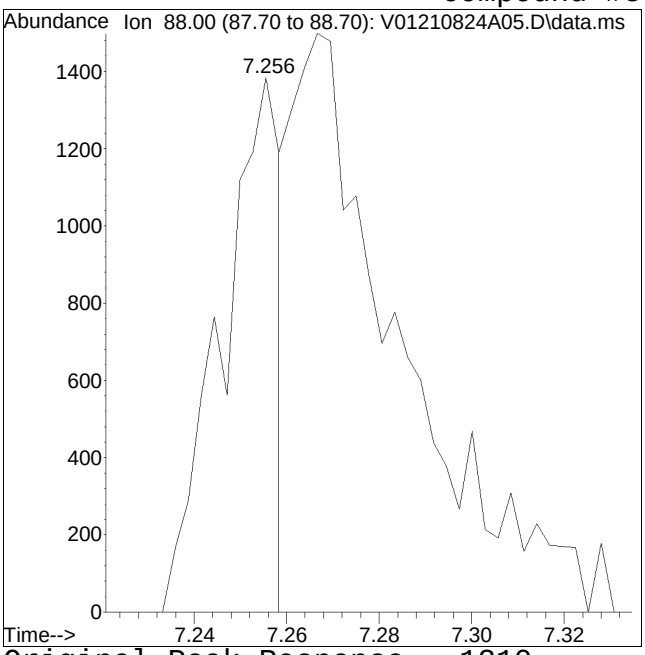
Manual Peak Response = 2299 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

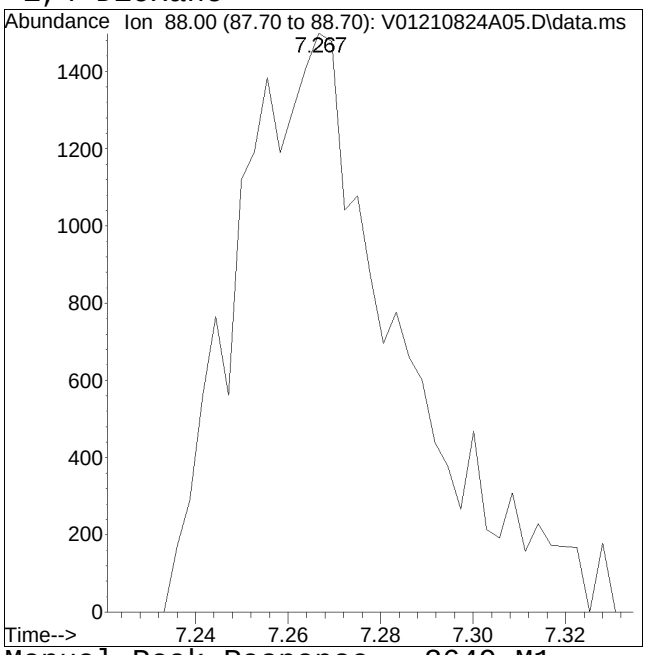
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2021\2QMethod : V101_210824A_8260.m
Data File : V01210824A05.D Operator : VOA101:KJD
Date Inj'd : 8/24/2021 12:02 pm Instrument : VOA 101
Sample : I8260STD0.5PPB Quant Date : 8/24/2021 3:36 pm

Compound #57: 1,4-Dioxane



Original Peak Response = 1210



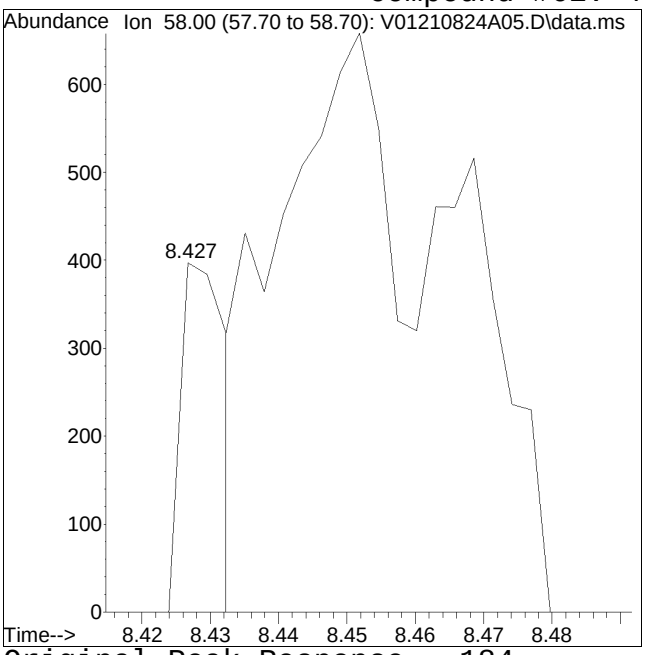
Manual Peak Response = 3649 M1

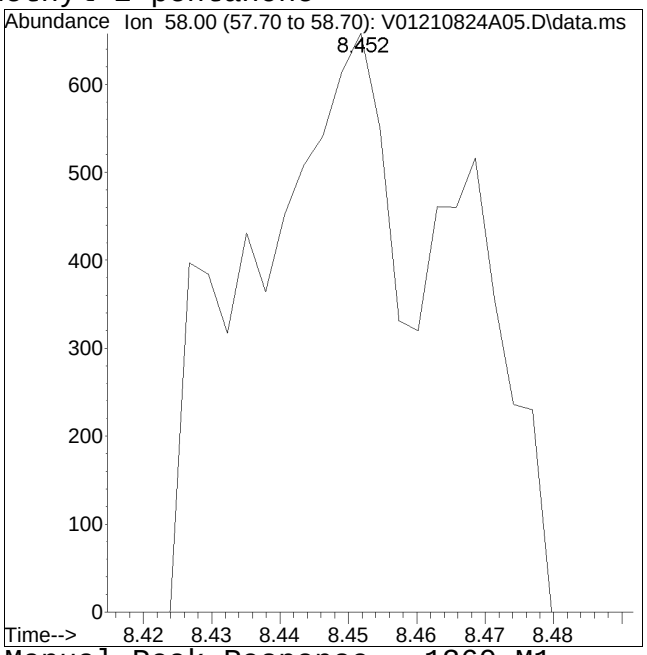
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2021\2QMethod : V101_210824A_8260.m
Data File : V01210824A05.D Operator : VOA101:KJD
Date Inj'd : 8/24/2021 12:02 pm Instrument : VOA 101
Sample : I8260STD0.5PPB Quant Date : 8/24/2021 3:36 pm

Compound #62: 4-Methyl-2-pentanone



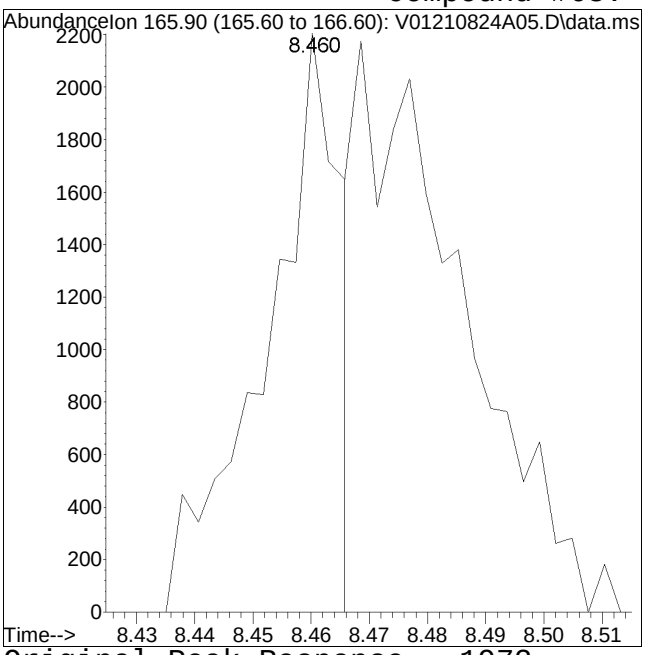


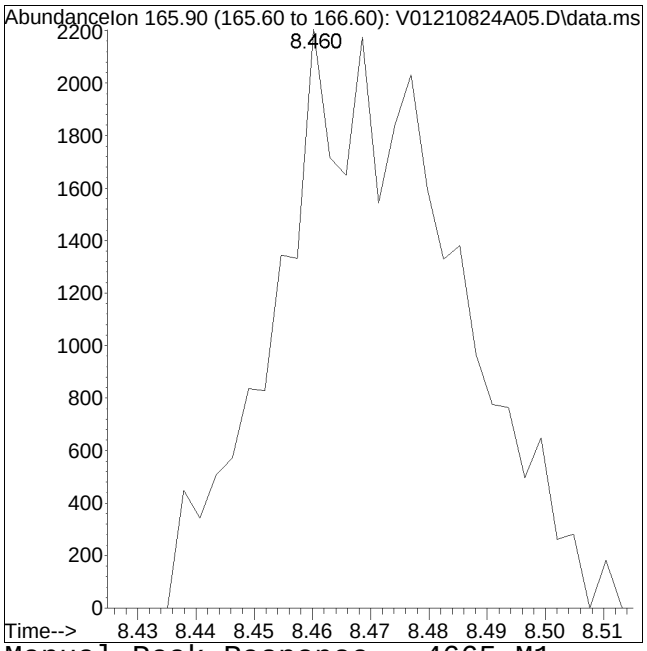
Original Peak Response = 184 Manual Peak Response = 1360 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2021\2QMethod : V101_210824A_8260.m
Data File : V01210824A05.D Operator : VOA101:KJD
Date Inj'd : 8/24/2021 12:02 pm Instrument : VOA 101
Sample : I8260STD0.5PPB Quant Date : 8/24/2021 3:36 pm

Compound #63: Tetrachloroethene



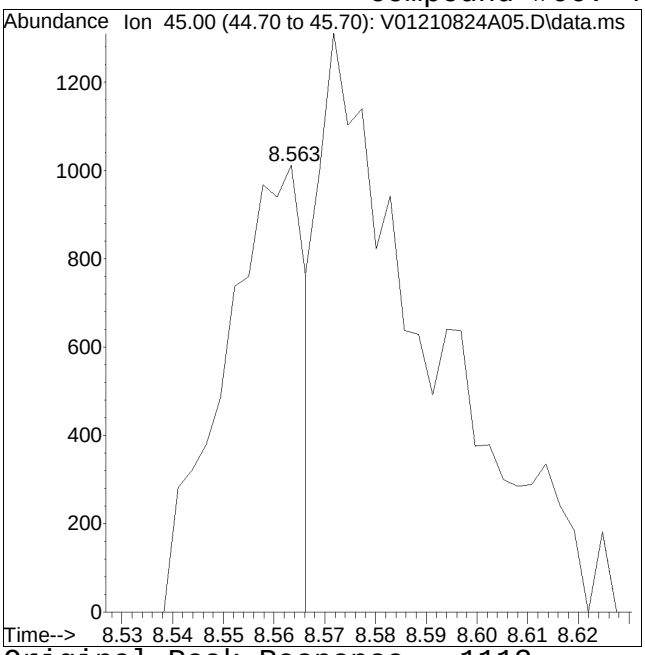


Original Peak Response = 1972 Manual Peak Response = 4665 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

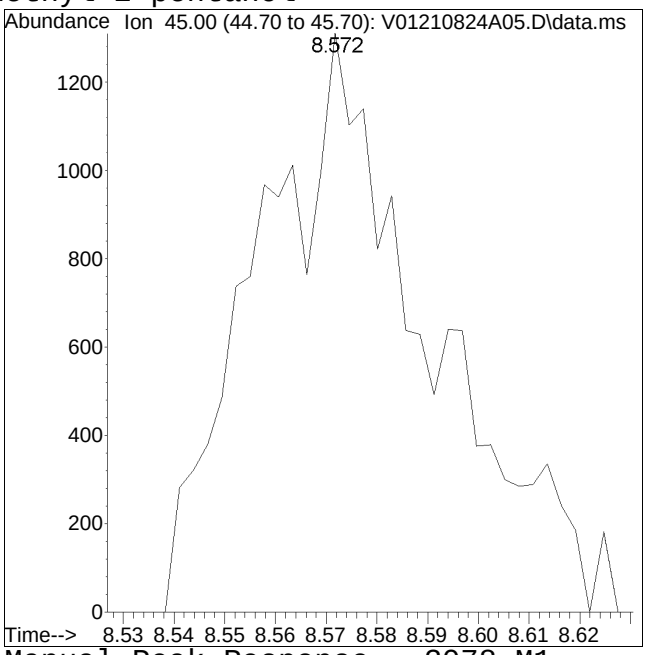
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2021\2QMethod : V101_210824A_8260.m
Data File : V01210824A05.D Operator : VOA101:KJD
Date Inj'd : 8/24/2021 12:02 pm Instrument : VOA 101
Sample : I8260STD0.5PPB Quant Date : 8/24/2021 3:36 pm

Compound #66: 4-Methyl-2-pentanol



Original Peak Response = 1113



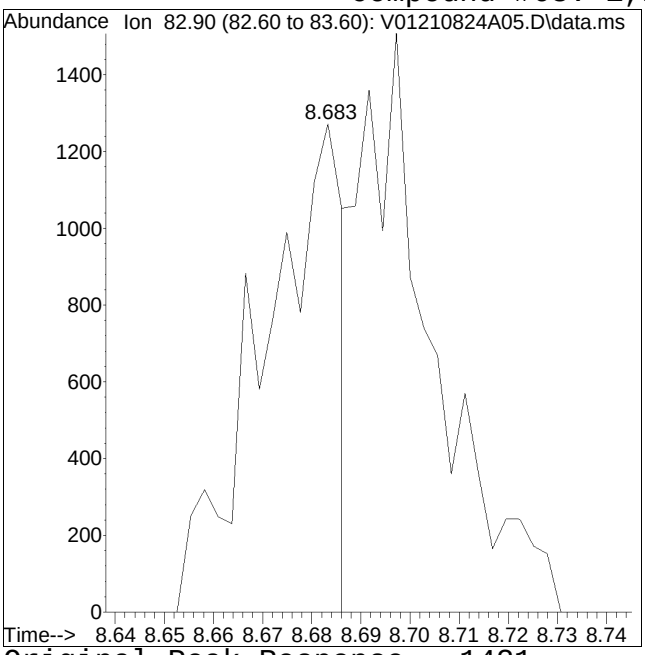
Manual Peak Response = 3078 M1

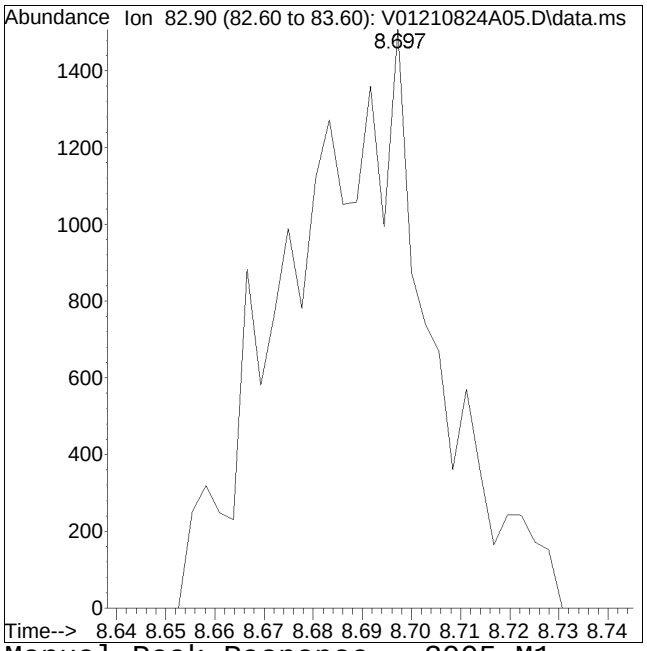
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2021\2QMethod : V101_210824A_8260.m
Data File : V01210824A05.D Operator : VOA101:KJD
Date Inj'd : 8/24/2021 12:02 pm Instrument : VOA 101
Sample : I8260STD0.5PPB Quant Date : 8/24/2021 3:36 pm

Compound #68: 1,1,2-Trichloroethane



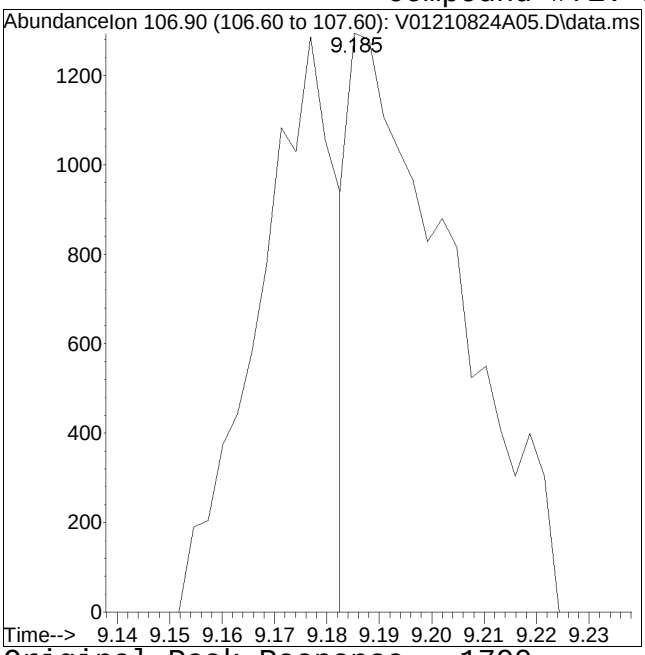


Original Peak Response = 1421 Manual Peak Response = 3005 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

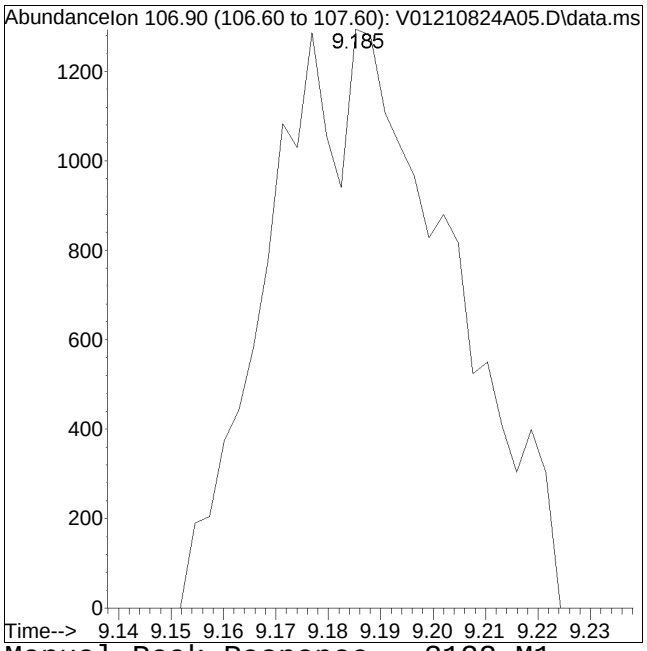
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2021\2QMethod : V101_210824A_8260.m
Data File : V01210824A05.D Operator : VOA101:KJD
Date Inj'd : 8/24/2021 12:02 pm Instrument : VOA 101
Sample : I8260STD0.5PPB Quant Date : 8/24/2021 3:36 pm

Compound #71: 1,2-Dibromoethane



Original Peak Response = 1790



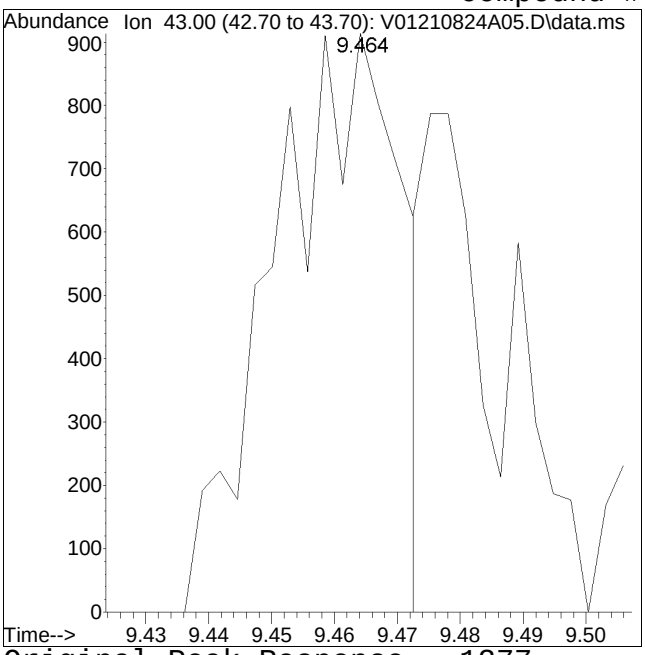
Manual Peak Response = 3122 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

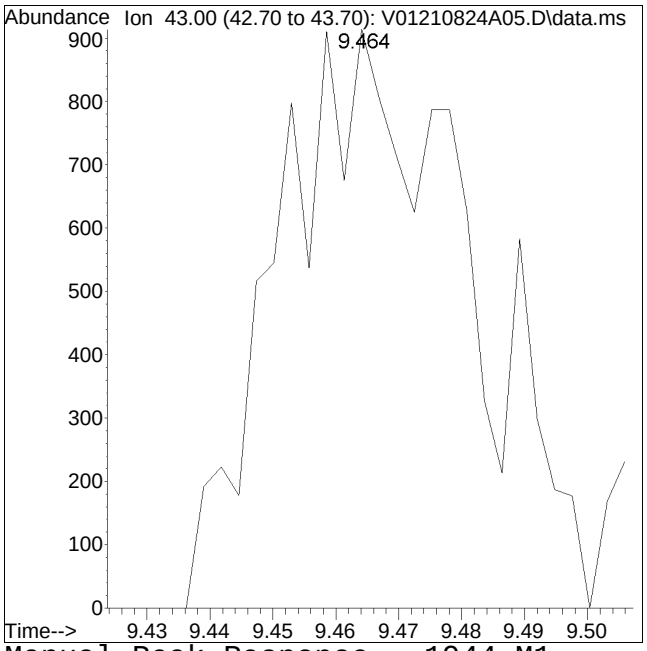
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2021\2QMethod : V101_210824A_8260.m
Data File : V01210824A05.D Operator : VOA101:KJD
Date Inj'd : 8/24/2021 12:02 pm Instrument : VOA 101
Sample : I8260STD0.5PPB Quant Date : 8/24/2021 3:36 pm

Compound #72: 2-Hexanone



Original Peak Response = 1277



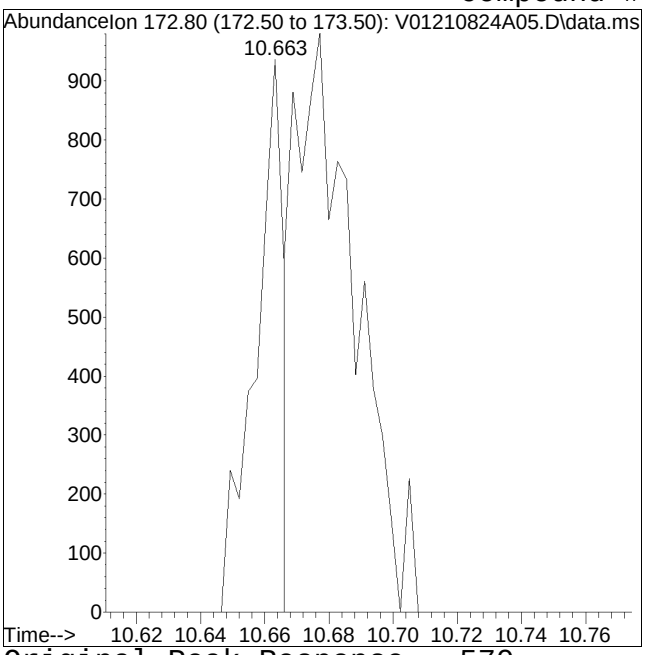
Manual Peak Response = 1944 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

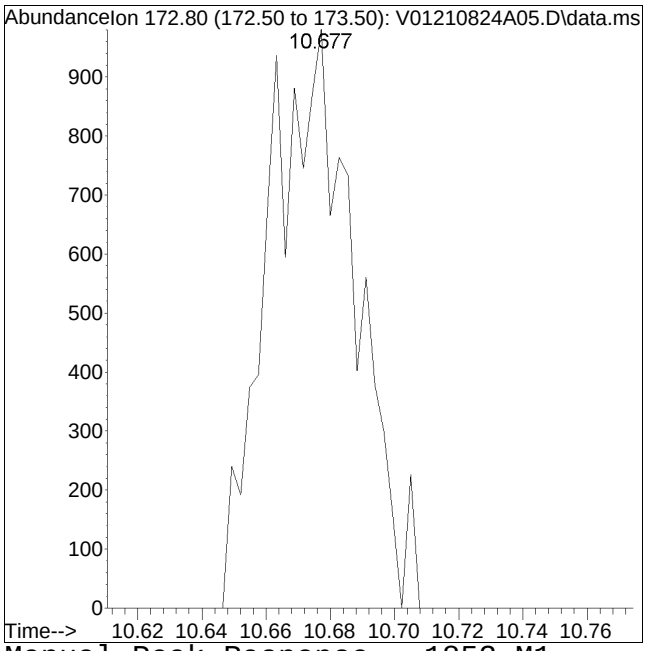
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2021\2QMethod : V101_210824A_8260.m
Data File : V01210824A05.D Operator : VOA101:KJD
Date Inj'd : 8/24/2021 12:02 pm Instrument : VOA 101
Sample : I8260STD0.5PPB Quant Date : 8/24/2021 3:36 pm

Compound #80: Bromoform



Original Peak Response = 570



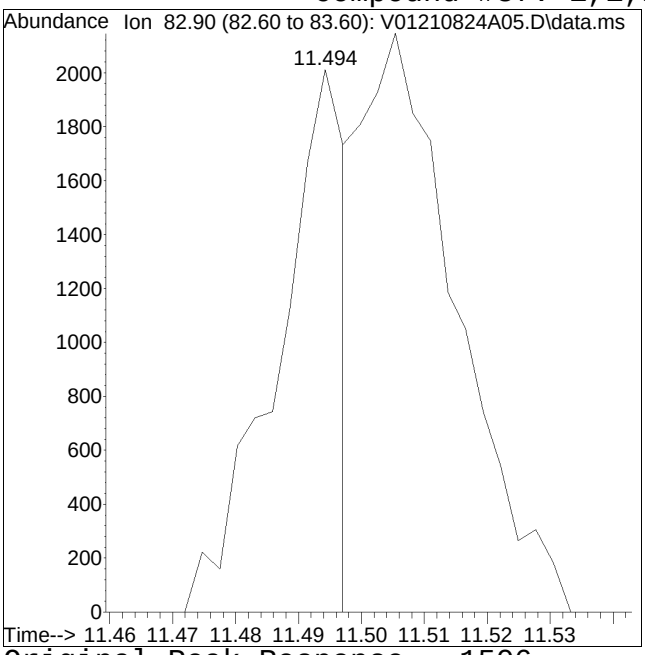
Manual Peak Response = 1853 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

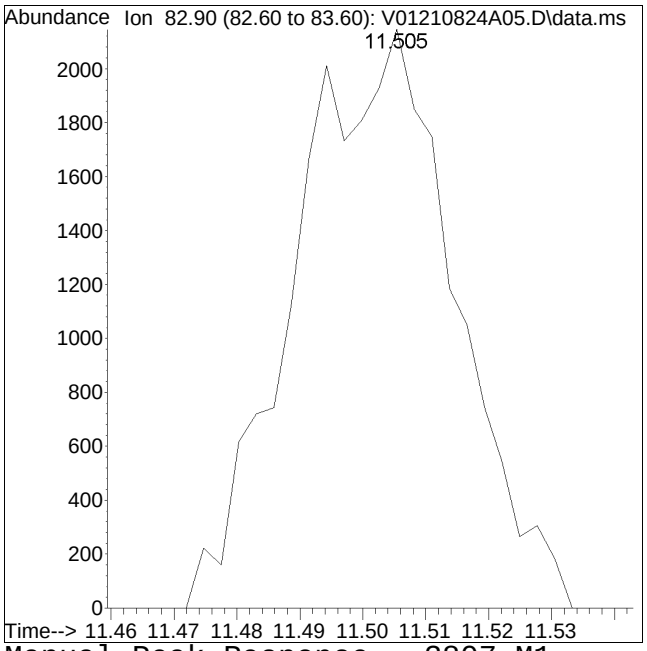
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2021\2QMethod : V101_210824A_8260.m
Data File : V01210824A05.D Operator : VOA101:KJD
Date Inj'd : 8/24/2021 12:02 pm Instrument : VOA 101
Sample : I8260STD0.5PPB Quant Date : 8/24/2021 3:36 pm

Compound #87: 1,1,2,2-Tetrachloroethane



Original Peak Response = 1506



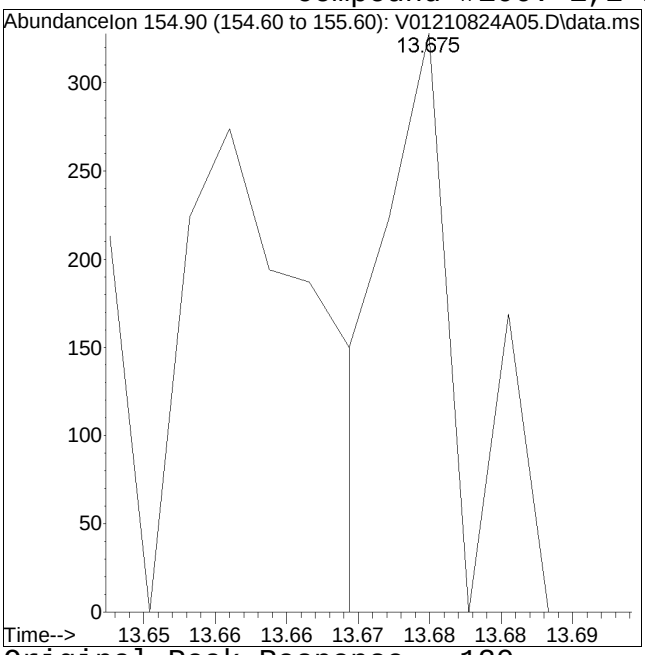
Manual Peak Response = 3807 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

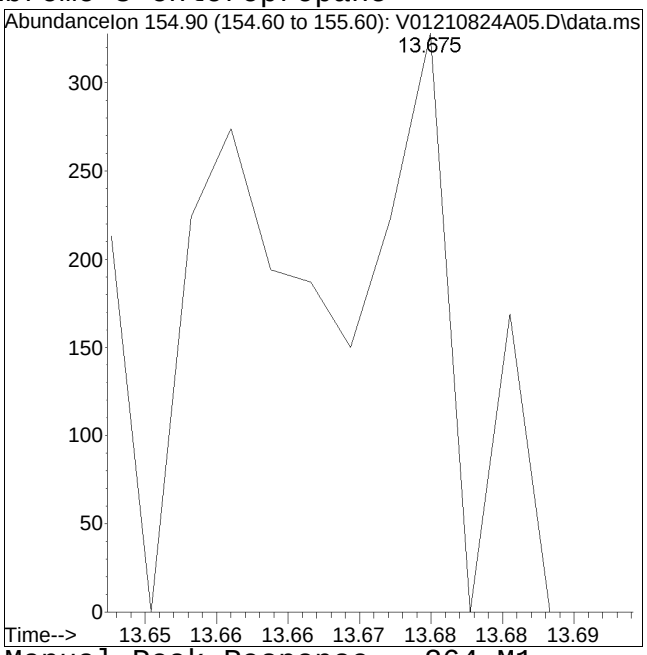
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2021\2QMethod : V101_210824A_8260.m
Data File : V01210824A05.D Operator : VOA101:KJD
Date Inj'd : 8/24/2021 12:02 pm Instrument : VOA 101
Sample : I8260STD0.5PPB Quant Date : 8/24/2021 3:36 pm

Compound #106: 1,2-Dibromo-3-chloropropane



Original Peak Response = 120



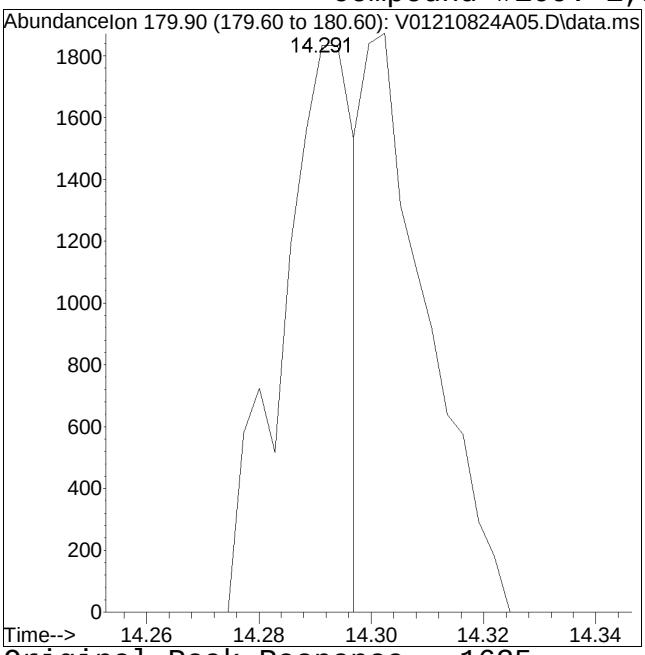
Manual Peak Response = 264 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

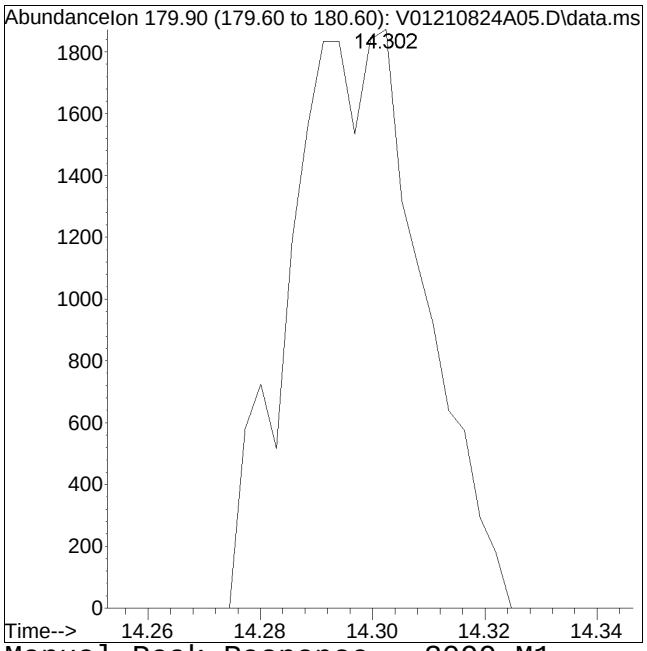
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2021\2QMethod : V101_210824A_8260.m
Data File : V01210824A05.D Operator : VOA101:KJD
Date Inj'd : 8/24/2021 12:02 pm Instrument : VOA 101
Sample : I8260STD0.5PPB Quant Date : 8/24/2021 3:36 pm

Compound #109: 1,2,4-Trichlorobenzene



Original Peak Response = 1635



Manual Peak Response = 3099 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2021\210824AICAL\
Data File : V01210824A07.D
Acq On : 24 Aug 2021 12:49 pm
Operator : VOA101:KJD
Sample : I8260STD2PPB
Misc : WG1538690
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 24 15:32:03 2021
Quant Method : I:\VOLATILES\VOA101\2021\210824AICAL\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:31:57 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210824AICAL\V01210824A08.D
Sub List : 8260-CurveAlc - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.263	96	504502	10.000	ug/L	0.00
Standard Area 1 = 481117			Recovery = 104.86%			
59) Chlorobenzene-d5	9.810	117	390005	10.000	ug/L	0.00
Standard Area 1 = 312867			Recovery = 124.66%			
79) 1,4-Dichlorobenzene-d4	12.459	152	183044	10.000	ug/L	0.00
Standard Area 1 = 169266			Recovery = 108.14%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.446	113	120025	9.800	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.00%			
43) 1,2-Dichloroethane-d4	5.975	65	133607	9.978	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.78%			
60) Toluene-d8	7.958	98	494731	9.823	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.23%			
83) 4-Bromofluorobenzene	11.268	95	190708	10.067	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.67%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.781	85	26740	2.218	ug/L	100
3) Chloromethane	1.982	50	41170	2.196	ug/L	98
4) Vinyl chloride	2.066	62	39309	2.221	ug/L	99
5) Bromomethane	2.392	94	10254	1.789	ug/L	95
6) Chloroethane	2.518	64	23311	2.397	ug/L	95
7) Trichlorofluoromethane	2.663	101	39917	2.179	ug/L	98
8) Ethyl ether	2.969	74	14232	2.064	ug/L	72
10) 1,1-Dichloroethene	3.173	96	25398	2.128	ug/L #	78
11) Carbon disulfide	3.204	76	75822	2.121	ug/L	100
12) Freon-113	3.209	101	27358	2.160	ug/L	84
13) Iodomethane	3.312	142	14065	1.367	ug/L	97
14) Acrolein	3.496	56	2256M1	1.672	ug/L	
15) Methylene chloride	3.733	84	28474	2.157	ug/L	85
16) Isopropyl alcohol	3.641	45	4731M1	10.903	ug/L	
17) Acetone	3.775	43	6208M1	2.627	ug/L	
18) trans-1,2-Dichloroethene	3.890	96	28368	2.167	ug/L	84
19) Methyl acetate	3.895	43	13968	2.018	ug/L #	56
20) Methyl tert-butyl ether	3.982	73	59943	1.939	ug/L #	90
21) tert-Butyl alcohol	4.060	59	6954	9.532	ug/L #	56
22) Diisopropyl ether	4.344	45	110421	2.027	ug/L	91
23) 1,1-Dichloroethane	4.484	63	60761	2.094	ug/L	98

Data Path : I:\VOLATILES\VOA101\2021\210824AICAL\
Data File : V01210824A07.D
Acq On : 24 Aug 2021 12:49 pm
Operator : VOA101:KJD
Sample : I8260STD2PPB
Misc : WG1538690
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 24 15:32:03 2021
Quant Method : I:\VOLATILES\VOA101\2021\210824AICAL\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:31:57 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210824AICAL\V01210824A08.D
Sub List : 8260-CurveAlc - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
24) Halothane	4.525	117	20973	2.100	ug/L	#	77
25) Acrylonitrile	4.523	53	7438	1.871	ug/L		89
26) Ethyl tert-butyl ether	4.690	59	95008	1.994	ug/L		88
27) Vinyl acetate	4.712	43	54019	1.846	ug/L		97
28) cis-1,2-Dichloroethene	4.997	96	31088	2.191	ug/L		85
29) 2,2-Dichloropropane	5.103	77	39446	2.188	ug/L		96
30) Bromochloromethane	5.195	128	12012	2.166	ug/L	#	75
31) Cyclohexane	5.209	56	70967	2.109	ug/L		78
32) Chloroform	5.264	83	48239	2.131	ug/L		98
33) Ethyl acetate	5.376	43	19871M1	1.933	ug/L		
34) Carbon tetrachloride	5.407	117	36758	2.116	ug/L	#	68
35) Tetrahydrofuran	5.423	42	6217M1	1.955	ug/L		
37) 1,1,1-Trichloroethane	5.471	97	39631	2.064	ug/L		95
38) 2-Butanol	5.432	45	8604M1	11.620	ug/L		
39) 2-Butanone	5.563	43	8438M1	2.147	ug/L		
40) 1,1-Dichloropropene	5.596	75	37895	2.113	ug/L	#	84
41) Benzene	5.842	78	114427	2.152	ug/L		94
42) tert-Amyl methyl ether	5.948	73	62648	2.016	ug/L	#	78
44) 1,2-Dichloroethane	6.051	62	35478	2.137	ug/L		96
46) 2-Methyl-2-butanol	6.140	59	6701	10.400	ug/L	#	79
47) Methyl cyclohexane	6.436	83	47493	2.125	ug/L	#	71
48) Trichloroethene	6.444	95	29191	2.131	ug/L		95
50) Dibromomethane	6.890	93	13401M1	2.057	ug/L		
51) 1,2-Dichloropropane	6.988	63	35653	2.105	ug/L	#	93
52) 4-penten-2-ol	6.940	45	3557M1	11.040	ug/L		
53) 2-Chloroethyl vinyl ether	7.682	63	3285	1.955	ug/L	#	76
54) Bromodichloromethane	7.055	83	34732	2.044	ug/L		99
57) 1,4-Dioxane	7.258	88	20607	403.689	ug/L	#	68
58) cis-1,3-Dichloropropene	7.749	75	39813	1.981	ug/L		96
61) Toluene	8.020	92	71567	2.050	ug/L		99
62) 4-Methyl-2-pentanone	8.446	58	7332	1.876	ug/L	#	82
63) Tetrachloroethene	8.471	166	28074	2.170	ug/L		98
65) trans-1,3-Dichloropropene	8.496	75	31051	1.900	ug/L		98
66) 4-Methyl-2-pentanol	8.569	45	15282	8.838	ug/L	#	74
67) Ethyl methacrylate	8.680	69	24883	1.869	ug/L		92
68) 1,1,2-Trichloroethane	8.686	83	16614	2.066	ug/L		96
69) Chlorodibromomethane	8.906	129	20614	1.910	ug/L		93
70) 1,3-Dichloropropane	9.012	76	34483	2.074	ug/L		100
71) 1,2-Dibromoethane	9.180	107	17546	1.986	ug/L		98
72) 2-Hexanone	9.458	43	11037	1.907	ug/L	#	71

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2021\210824AICAL\
Data File : V01210824A07.D
Acq On : 24 Aug 2021 12:49 pm
Operator : VOA101:KJD
Sample : I8260STD2PPB
Misc : WG1538690
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 24 15:32:03 2021
Quant Method : I:\VOLATILES\VOA101\2021\210824AICAL\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:31:57 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210824AICAL\V01210824A08.D
Sub List : 8260-CurveAlc - All compounds listed

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
73)	Chlorobenzene	9.829	112	73438	2.101	ug/L		96
74)	Ethylbenzene	9.866	91	135366	2.113	ug/L		100
75)	1,1,1,2-Tetrachloroethane	9.919	131	24175	2.081	ug/L		97
76)	p/m Xylene	10.052	106	99520	4.149	ug/L		100
77)	o Xylene	10.585	106	93742	4.275	ug/L		99
78)	Styrene	10.646	104	146970	4.060	ug/L		100
80)	Bromoform	10.680	173	9695	1.707	ug/L		96
82)	Isopropylbenzene	10.953	105	122371	2.124	ug/L		97
84)	Bromobenzene	11.383	156	24506	2.130	ug/L		98
85)	n-Propylbenzene	11.419	91	143921	2.201	ug/L		97
86)	1,4-Dichlorobutane	11.438	55	45312	2.091	ug/L		96
87)	1,1,2,2-Tetrachloroethane	11.503	83	21124	2.116	ug/L		96
88)	4-Ethyltoluene	11.542	105	113616	2.121	ug/L		97
89)	2-Chlorotoluene	11.586	91	83749	2.137	ug/L		97
90)	1,3,5-Trimethylbenzene	11.636	105	93005	2.138	ug/L		97
91)	1,2,3-Trichloropropane	11.645	75	15122	2.073	ug/L		94
92)	trans-1,4-Dichloro-2-b...	11.689	53	5510	1.874	ug/L	#	72
93)	4-Chlorotoluene	11.767	91	84765	2.099	ug/L		96
94)	tert-Butylbenzene	11.974	119	75547	2.120	ug/L		97
97)	1,2,4-Trimethylbenzene	12.049	105	87364	2.049	ug/L		98
98)	sec-Butylbenzene	12.158	105	109076	2.098	ug/L		95
99)	p-Isopropyltoluene	12.311	119	84977	2.055	ug/L		98
100)	1,3-Dichlorobenzene	12.387	146	46021	2.087	ug/L		97
101)	1,4-Dichlorobenzene	12.473	146	46213	2.046	ug/L		95
102)	p-Diethylbenzene	12.677	119	47033	1.997	ug/L		96
103)	n-Butylbenzene	12.738	91	74093	2.127	ug/L		98
104)	1,2-Dichlorobenzene	12.894	146	39243	2.010	ug/L		97
105)	1,2,4,5-Tetramethylben...	13.469	119	59364	1.930	ug/L		97
106)	1,2-Dibromo-3-chloropr...	13.667	155	1796	1.755	ug/L		81
107)	1,3,5-Trichlorobenzene	13.700	180	21123	2.040	ug/L		97
108)	Hexachlorobutadiene	14.263	225	6944	1.894	ug/L		97
109)	1,2,4-Trichlorobenzene	14.297	180	16309	1.936	ug/L		98
110)	Naphthalene	14.587	128	33115	1.780	ug/L		100
111)	1,2,3-Trichlorobenzene	14.757	180	12404	1.936	ug/L		94

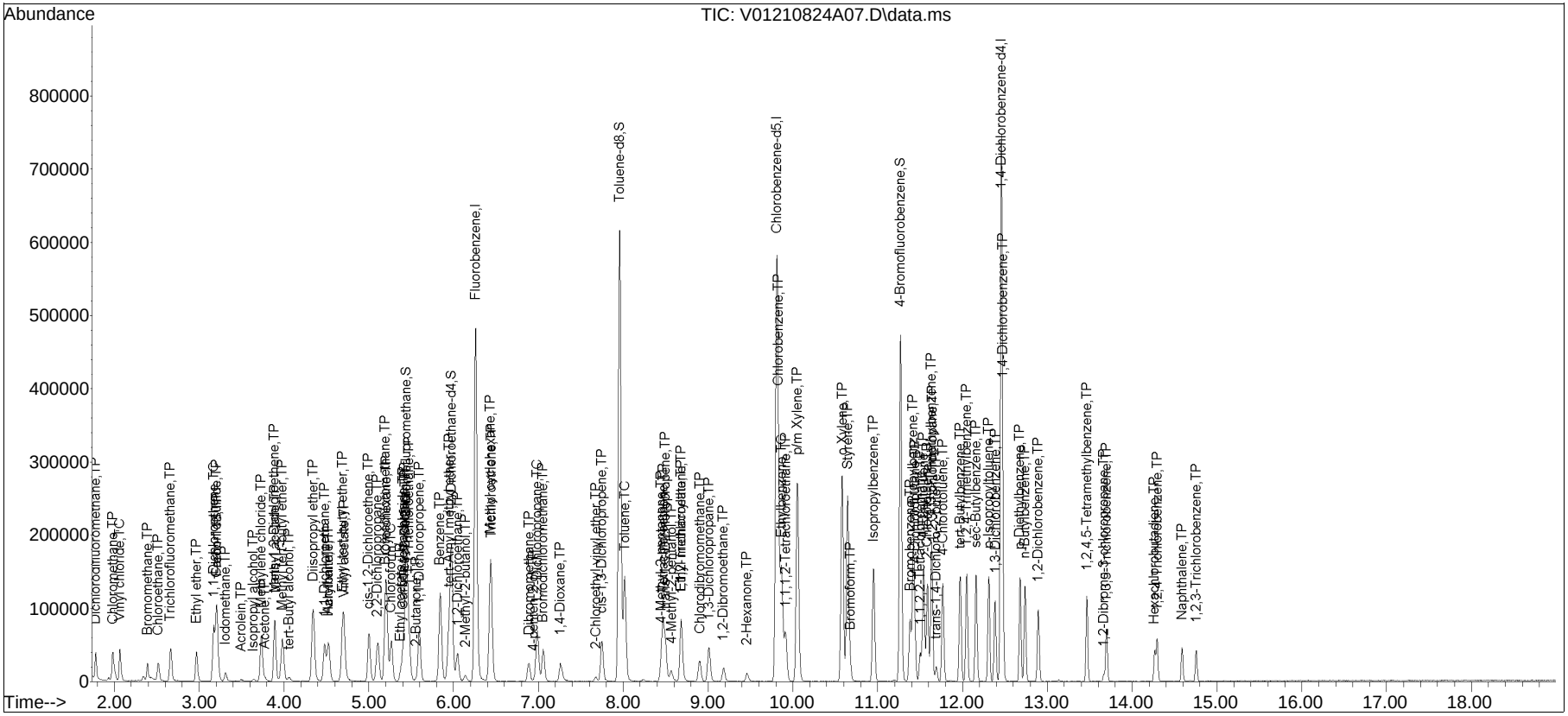
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2021\210824AICAL\
Data File : V01210824A07.D
Acq On : 24 Aug 2021 12:49 pm
Operator : VOA101:KJD
Sample : I8260STD2PPB
Misc : WG1538690
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 24 15:32:03 2021
Quant Method : I:\VOLATILES\VOA101\2021\210824AICAL\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:31:57 2021
Response via : Initial Calibration

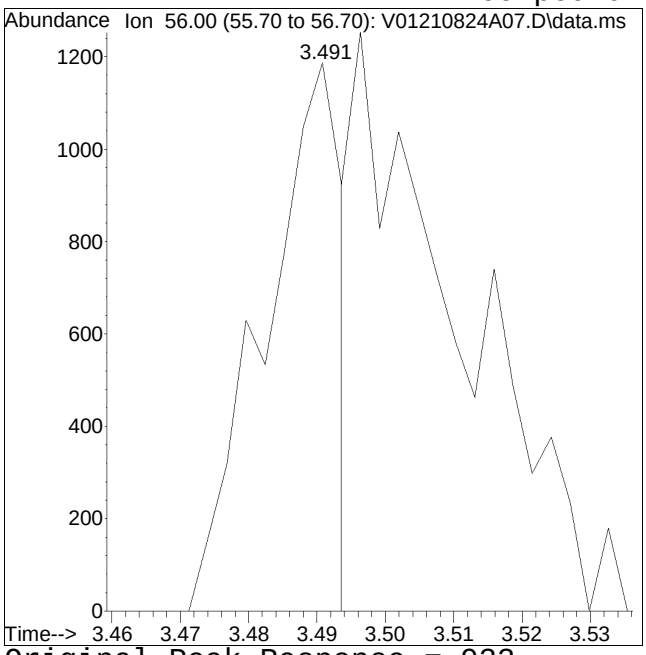
Sub List : 8260-CurveAlc - All compounds listedICAL\V01210824A08.D•

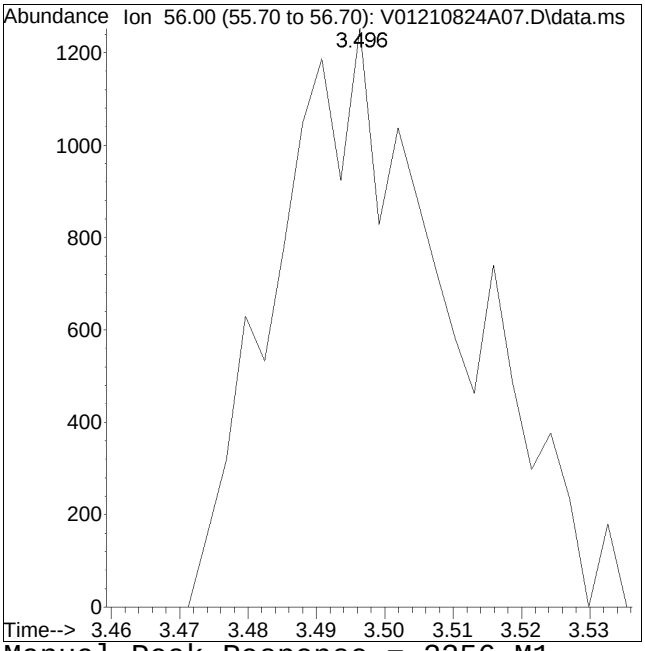


Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2021\2QMethod : V101_210824A_8260.m
Data File : V01210824A07.D Operator : VOA101:KJD
Date Inj'd : 8/24/2021 12:49 pm Instrument : VOA 101
Sample : I8260STD2PPB Quant Date : 8/24/2021 3:31 pm

Compound #14: Acrolein



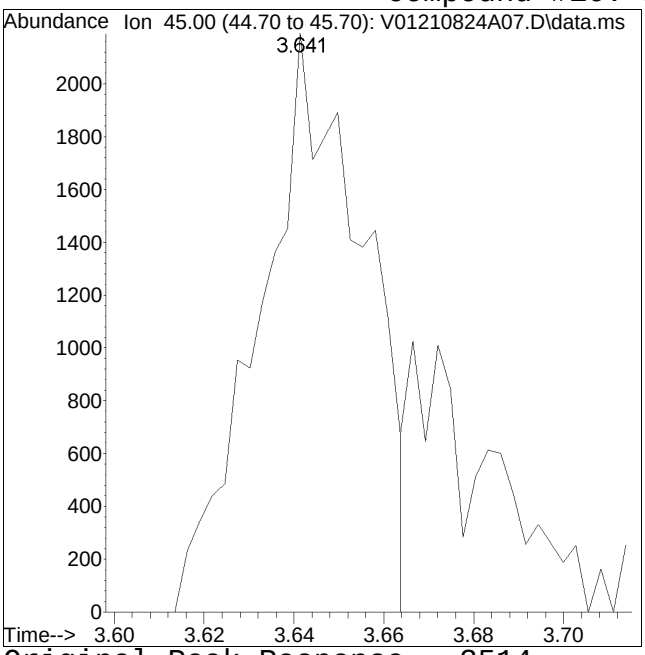


Original Peak Response = 933 Manual Peak Response = 2256 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

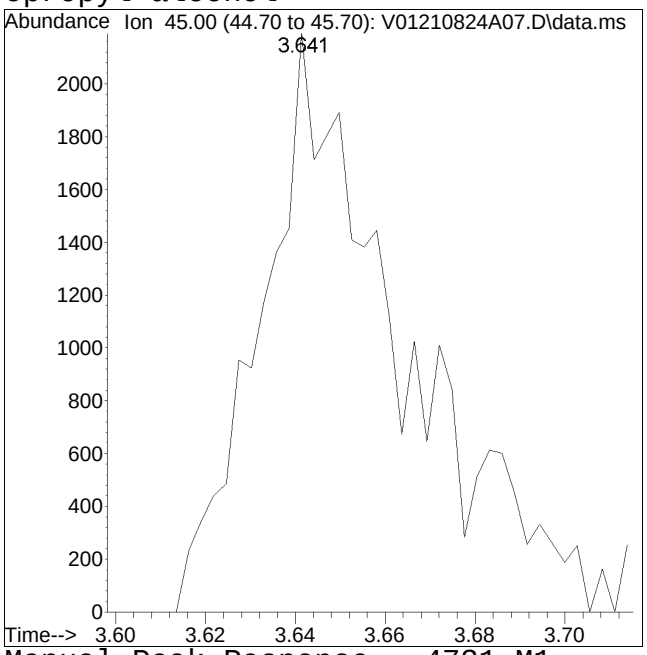
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2021\2QMethod : V101_210824A_8260.m
Data File : V01210824A07.D Operator : VOA101:KJD
Date Inj'd : 8/24/2021 12:49 pm Instrument : VOA 101
Sample : I8260STD2PPB Quant Date : 8/24/2021 3:31 pm

Compound #16: Isopropyl alcohol



Original Peak Response = 3514



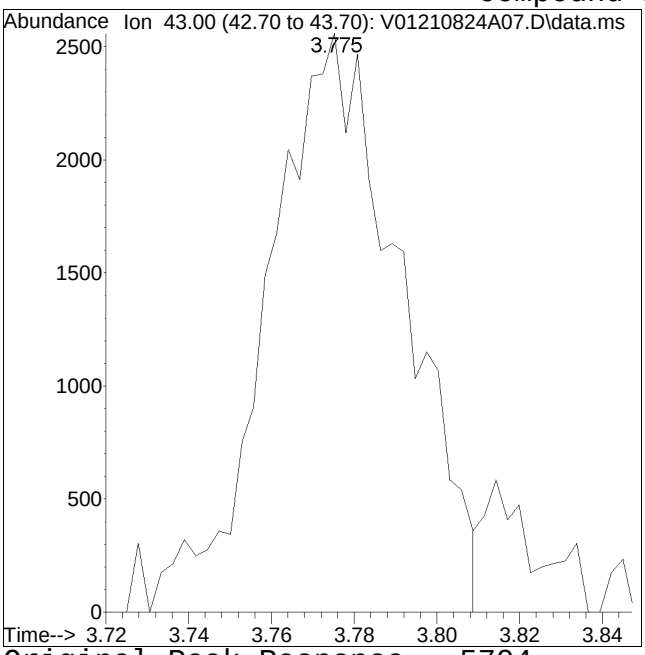
Manual Peak Response = 4731 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

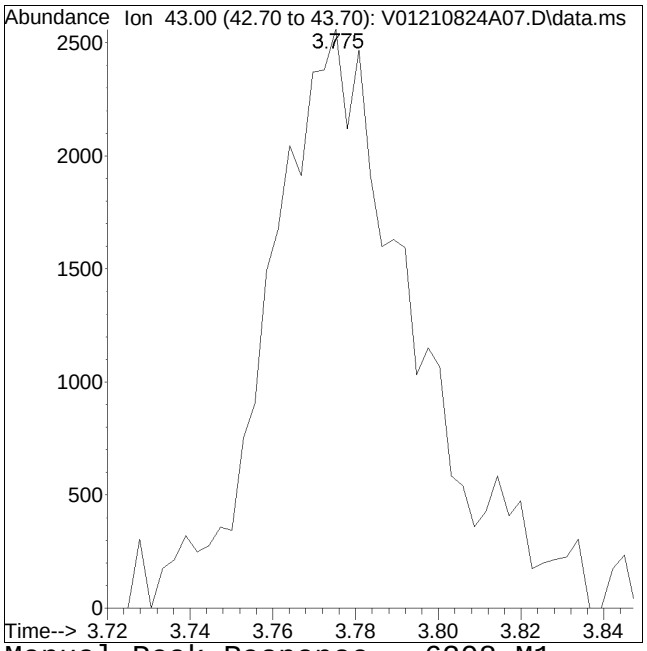
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2021\2QMethod : V101_210824A_8260.m
Data File : V01210824A07.D Operator : VOA101:KJD
Date Inj'd : 8/24/2021 12:49 pm Instrument : VOA 101
Sample : I8260STD2PPB Quant Date : 8/24/2021 3:31 pm

Compound #17: Acetone



Original Peak Response = 5704



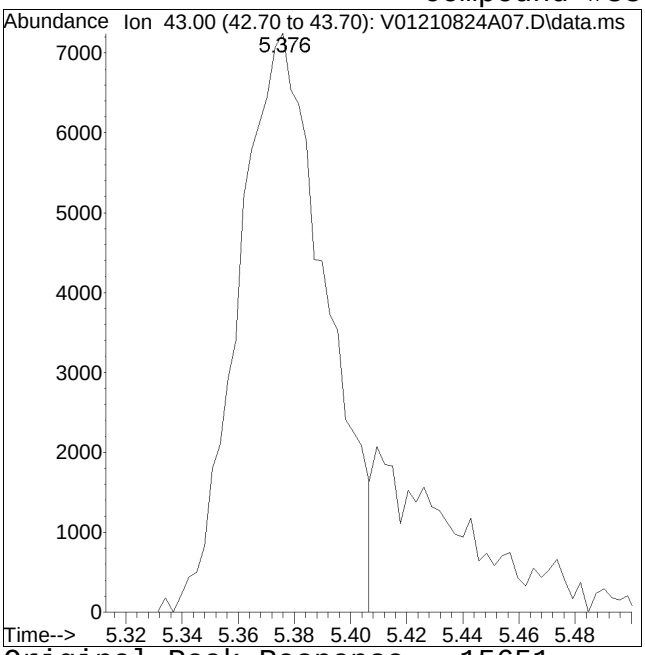
Manual Peak Response = 6208 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

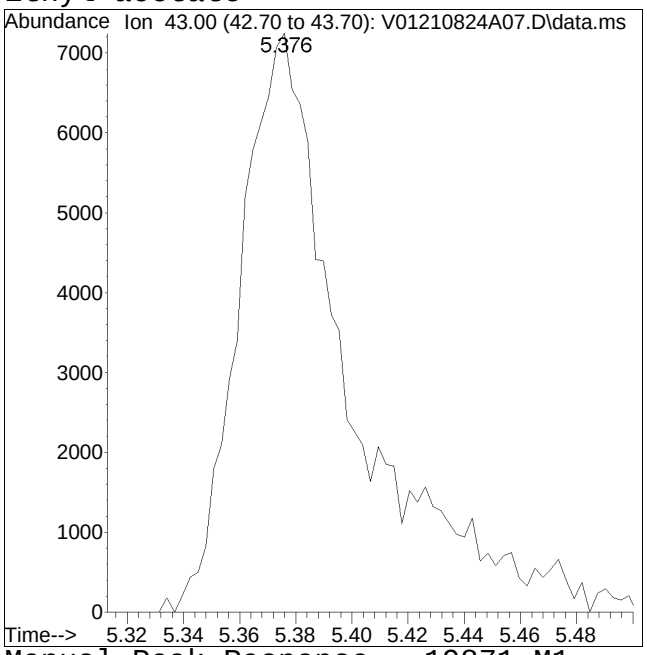
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2021\2QMethod : V101_210824A_8260.m
Data File : V01210824A07.D Operator : VOA101:KJD
Date Inj'd : 8/24/2021 12:49 pm Instrument : VOA 101
Sample : I8260STD2PPB Quant Date : 8/24/2021 3:31 pm

Compound #33: Ethyl acetate



Original Peak Response = 15651



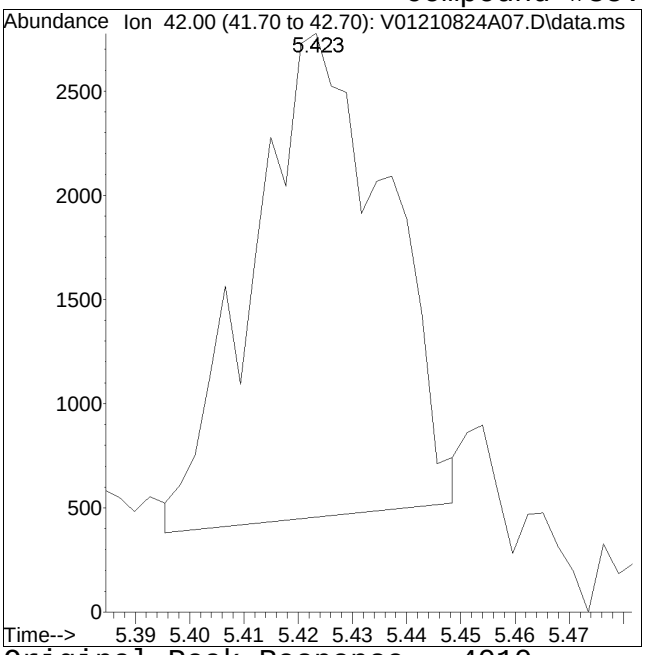
Manual Peak Response = 19871 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

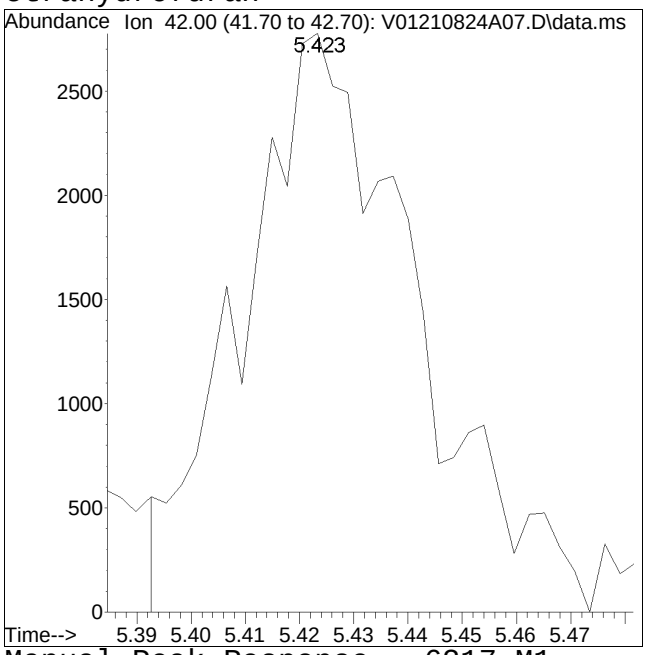
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2021\2QMethod : V101_210824A_8260.m
Data File : V01210824A07.D Operator : VOA101:KJD
Date Inj'd : 8/24/2021 12:49 pm Instrument : VOA 101
Sample : I8260STD2PPB Quant Date : 8/24/2021 3:31 pm

Compound #35: Tetrahydrofuran



Original Peak Response = 4010



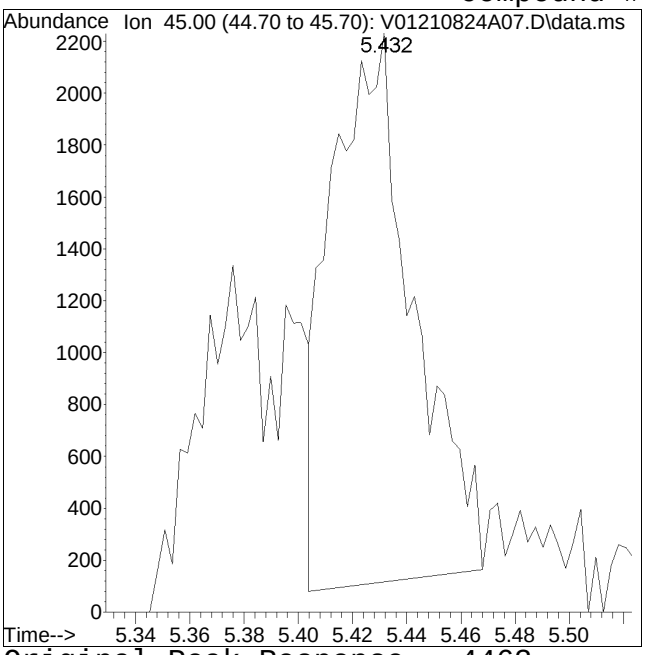
Manual Peak Response = 6217 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

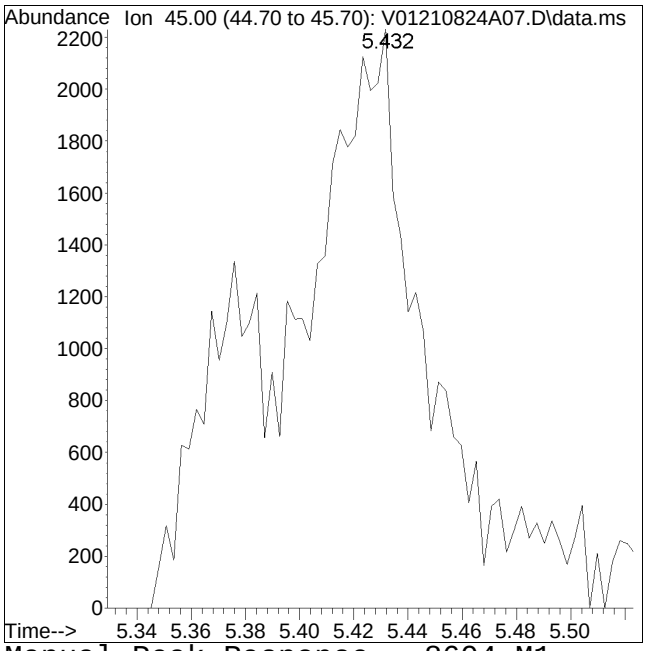
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2021\2QMethod : V101_210824A_8260.m
Data File : V01210824A07.D Operator : VOA101:KJD
Date Inj'd : 8/24/2021 12:49 pm Instrument : VOA 101
Sample : I8260STD2PPB Quant Date : 8/24/2021 3:31 pm

Compound #38: 2-Butanol



Original Peak Response = 4463



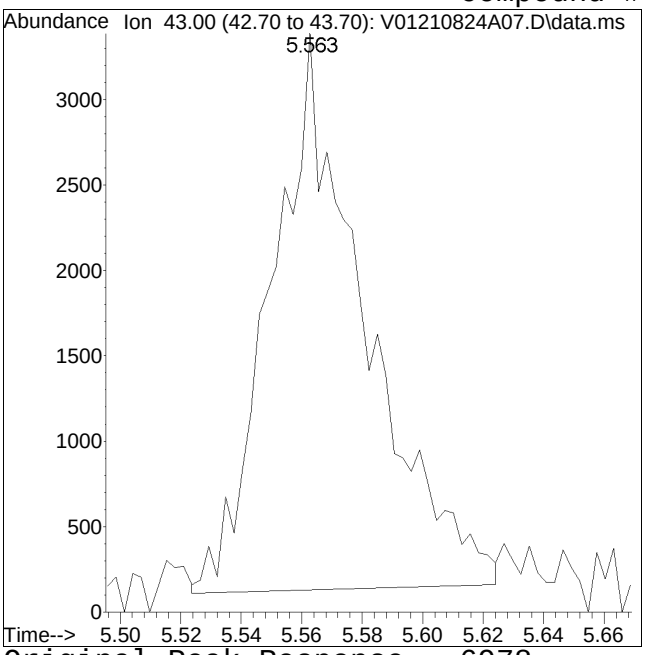
Manual Peak Response = 8604 M1

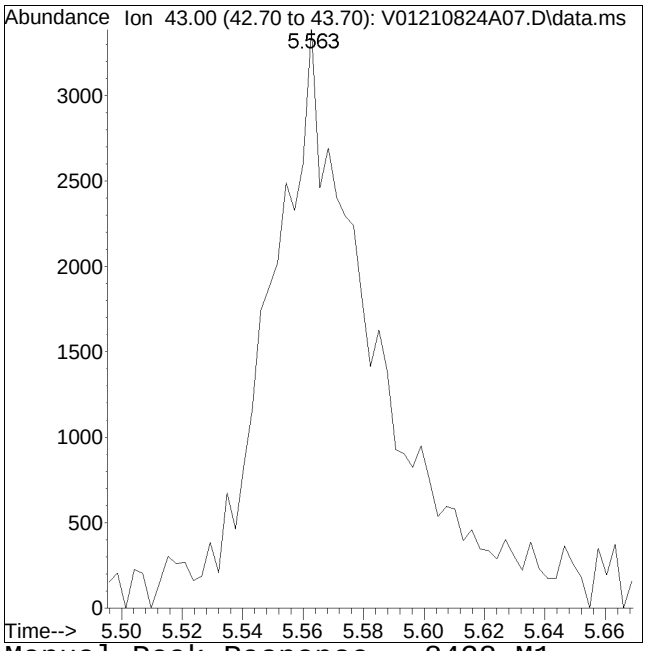
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2021\2QMethod : V101_210824A_8260.m
Data File : V01210824A07.D Operator : VOA101:KJD
Date Inj'd : 8/24/2021 12:49 pm Instrument : VOA 101
Sample : I8260STD2PPB Quant Date : 8/24/2021 3:31 pm

Compound #39: 2-Butanone





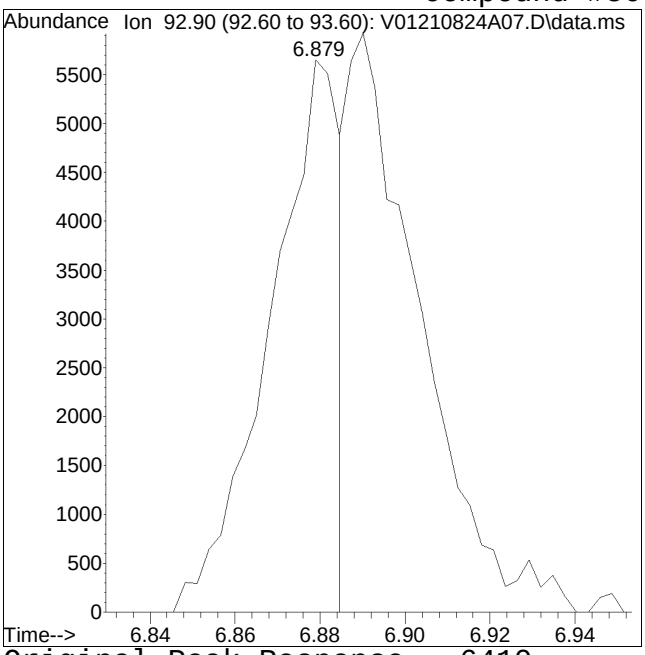
Original Peak Response = 6978 Manual Peak Response = 8438 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

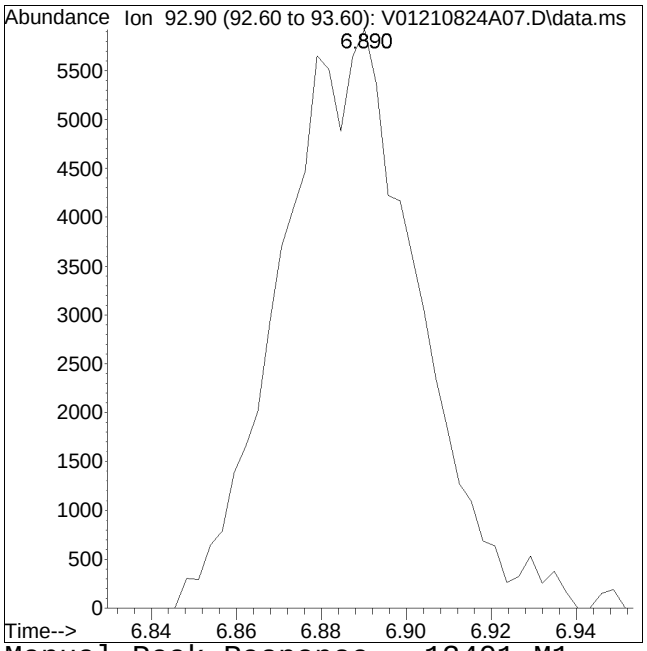
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2021\2QMethod : V101_210824A_8260.m
Data File : V01210824A07.D Operator : VOA101:KJD
Date Inj'd : 8/24/2021 12:49 pm Instrument : VOA 101
Sample : I8260STD2PPB Quant Date : 8/24/2021 3:31 pm

Compound #50: Dibromomethane



Original Peak Response = 6410



Manual Peak Response = 13401 M1

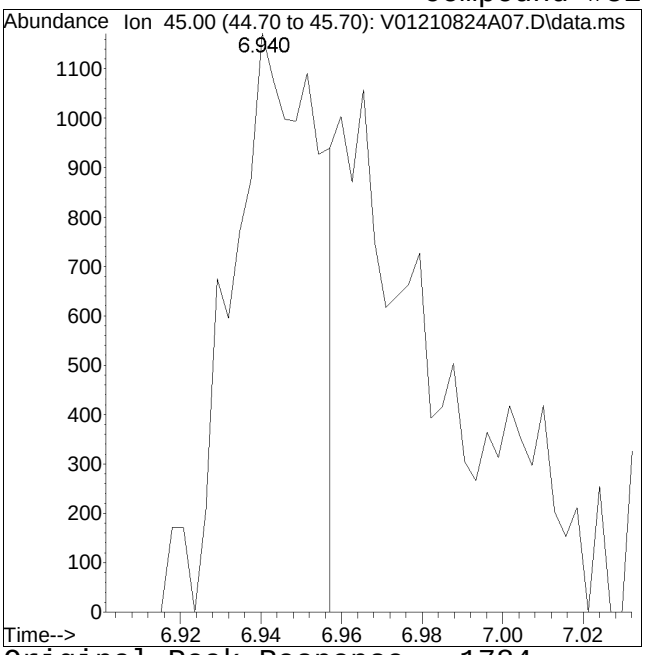
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

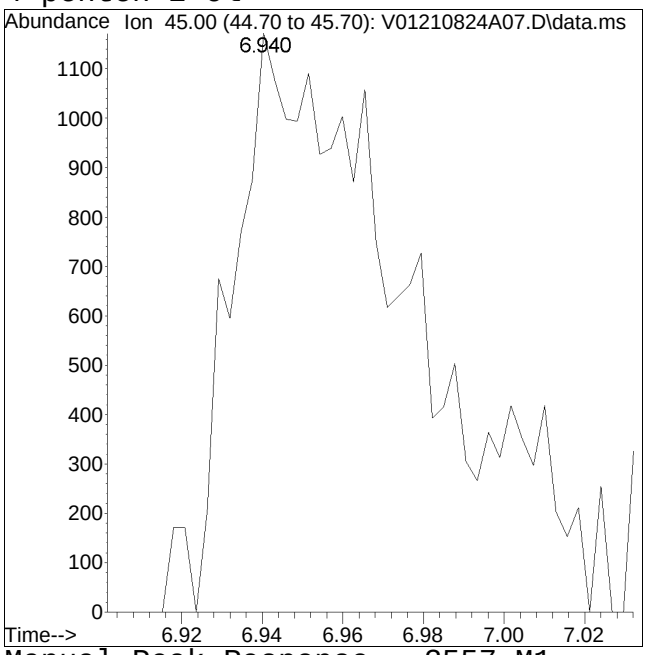
Data Path : I:\VOLATILES\VOA101\2021\2
Data File : V01210824A07.D
Date Inj'd : 8/24/2021 12:49 pm
Sample : I8260STD2PPB

Method : V101_210824A_8260.m
Operator : VOA101:KJD
Instrument : VOA 101
Quant Date : 8/24/2021 3:31 pm

Compound #52: 4-penten-2-ol



Original Peak Response = 1784



Manual Peak Response = 3557 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2021\210824AICAL\
Data File : V01210824A08.D
Acq On : 24 Aug 2021 1:12 pm
Operator : VOA101:KJD
Sample : I8260STD10PPB
Misc : WG1538690
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 24 14:24:51 2021
Quant Method : I:\VOLATILES\VOA101\2021\210824AICAL\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 14:24:46 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210824AICAL\V01210824A08.D
Sub List : 8260-CurveAlc - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.260	96	481117	10.000	ug/L	0.00
Standard Area 1 = 481117			Recovery = 100.00%			
59) Chlorobenzene-d5	9.813	117	312867	10.000	ug/L	0.00
Standard Area 1 = 312867			Recovery = 100.00%			
79) 1,4-Dichlorobenzene-d4	12.456	152	169266	10.000	ug/L	0.00
Standard Area 1 = 169266			Recovery = 100.00%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.443	113	116193	10.000	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.00%			
43) 1,2-Dichloroethane-d4	5.973	65	130484	10.000	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.00%			
60) Toluene-d8	7.958	98	474015	10.000	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.00%			
83) 4-Bromofluorobenzene	11.268	95	156278	10.000	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.776	85	107828	10.000	ug/L	100
3) Chloromethane	1.977	50	177364	10.000	ug/L	98
4) Vinyl chloride	2.060	62	170921	10.000	ug/L	99
5) Bromomethane	2.387	94	39623	10.000	ug/L	99
6) Chloroethane	2.512	64	92615	10.000	ug/L	96
7) Trichlorofluoromethane	2.660	101	154122	10.000	ug/L	98
8) Ethyl ether	2.964	74	66202	10.000	ug/L	73
10) 1,1-Dichloroethene	3.167	96	107338	10.000	ug/L	79
11) Carbon disulfide	3.198	76	321389	10.000	ug/L	99
12) Freon-113	3.201	101	109626	10.000	ug/L #	76
13) Iodomethane	3.307	142	88613	10.000	ug/L	98
14) Acrolein	3.488	56	12761	10.000	ug/L	96
15) Methylene chloride	3.728	84	124138	10.000	ug/L	85
16) Isopropyl alcohol	3.642	45	17710	50.000	ug/L #	89
17) Acetone	3.764	43	20919	10.000	ug/L	95
18) trans-1,2-Dichloroethene	3.887	96	124380	10.000	ug/L	84
19) Methyl acetate	3.884	43	63070	10.000	ug/L	92
20) Methyl tert-butyl ether	3.976	73	296462	10.000	ug/L #	91
21) tert-Butyl alcohol	4.057	59	34116	50.000	ug/L #	86
22) Diisopropyl ether	4.341	45	514448	10.000	ug/L	91
23) 1,1-Dichloroethane	4.475	63	280792	10.000	ug/L	97

Data Path : I:\VOLATILES\VOA101\2021\210824AICAL\
Data File : V01210824A08.D
Acq On : 24 Aug 2021 1:12 pm
Operator : VOA101:KJD
Sample : I8260STD10PPB
Misc : WG1538690
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 24 14:24:51 2021
Quant Method : I:\VOLATILES\VOA101\2021\210824AICAL\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 14:24:46 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210824AICAL\V01210824A08.D
Sub List : 8260-CurveAlc - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
24) Halothane	4.523	117	90514	10.000	ug/L		99
25) Acrylonitrile	4.514	53	36700	10.000	ug/L	#	91
26) Ethyl tert-butyl ether	4.690	59	448910	10.000	ug/L		92
27) Vinyl acetate	4.704	43	278975	10.000	ug/L	#	85
28) cis-1,2-Dichloroethene	5.000	96	138811	10.000	ug/L	#	83
29) 2,2-Dichloropropane	5.103	77	163312	10.000	ug/L		94
30) Bromochloromethane	5.195	128	56859	10.000	ug/L	#	76
31) Cyclohexane	5.206	56	290035	10.000	ug/L		78
32) Chloroform	5.262	83	220301	10.000	ug/L		98
33) Ethyl acetate	5.365	43	97299	10.000	ug/L	#	93
34) Carbon tetrachloride	5.404	117	157106	10.000	ug/L		99
35) Tetrahydrofuran	5.415	42	27843	10.000	ug/L		99
37) 1,1,1-Trichloroethane	5.471	97	174582	10.000	ug/L		96
38) 2-Butanol	5.410	45	22503	50.000	ug/L	#	89
39) 2-Butanone	5.555	43	35264	10.000	ug/L	#	39
40) 1,1-Dichloropropene	5.591	75	165240	10.000	ug/L		100
41) Benzene	5.839	78	521415	10.000	ug/L		94
42) tert-Amyl methyl ether	5.942	73	301589	10.000	ug/L	#	90
44) 1,2-Dichloroethane	6.040	62	164335	10.000	ug/L		99
46) 2-Methyl-2-butanol	6.135	59	28849	50.000	ug/L		91
47) Methyl cyclohexane	6.433	83	199071	10.000	ug/L	#	72
48) Trichloroethene	6.439	95	127847	10.000	ug/L		97
50) Dibromomethane	6.885	93	62204	10.000	ug/L		93
51) 1,2-Dichloropropane	6.988	63	157434	10.000	ug/L	#	93
52) 4-penten-2-ol	6.941	45	14304	50.000	ug/L	#	1
53) 2-Chloroethyl vinyl ether	7.674	63	19944	10.000	ug/L		93
54) Bromodichloromethane	7.049	83	155894	10.000	ug/L	#	65
57) 1,4-Dioxane	7.261	88	25006	500.000	ug/L	#	69
58) cis-1,3-Dichloropropene	7.746	75	193837	10.000	ug/L		97
61) Toluene	8.017	92	324477	10.000	ug/L		97
62) 4-Methyl-2-pentanone	8.444	58	36410	10.000	ug/L	#	77
63) Tetrachloroethene	8.466	166	116262	10.000	ug/L		98
65) trans-1,3-Dichloropropene	8.497	75	155352	10.000	ug/L		91
66) 4-Methyl-2-pentanol	8.558	45	73491	50.000	ug/L		95
67) Ethyl methacrylate	8.675	69	106955	10.000	ug/L		93
68) 1,1,2-Trichloroethane	8.686	83	65654	10.000	ug/L		98
69) Chlorodibromomethane	8.901	129	87010	10.000	ug/L		98
70) 1,3-Dichloropropane	9.010	76	134296	10.000	ug/L		100
71) 1,2-Dibromoethane	9.185	107	71717	10.000	ug/L		99
72) 2-Hexanone	9.456	43	48149	10.000	ug/L		91

Data Path : I:\VOLATILES\VOA101\2021\210824AICAL\
Data File : V01210824A08.D
Acq On : 24 Aug 2021 1:12 pm
Operator : VOA101:KJD
Sample : I8260STD10PPB
Misc : WG1538690
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 24 14:24:51 2021
Quant Method : I:\VOLATILES\VOA101\2021\210824AICAL\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 14:24:46 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210824AICAL\V01210824A08.D
Sub List : 8260-CurveAlc - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
73) Chlorobenzene	9.835	112	276917	10.000	ug/L		99
74) Ethylbenzene	9.866	91	501783	10.000	ug/L		99
75) 1,1,1,2-Tetrachloroethane	9.916	131	93729	10.000	ug/L		98
76) p/m Xylene	10.055	106	382183	20.000	ug/L		98
77) o Xylene	10.580	106	360737	20.000	ug/L		99
78) Styrene	10.641	104	601607	20.000	ug/L		99
80) Bromoform	10.674	173	45733	10.000	ug/L		98
82) Isopropylbenzene	10.951	105	463895	10.000	ug/L		97
84) Bromobenzene	11.380	156	98547	10.000	ug/L		99
85) n-Propylbenzene	11.422	91	539390	10.000	ug/L		98
86) 1,4-Dichlorobutane	11.436	55	187051	10.000	ug/L		94
87) 1,1,2,2-Tetrachloroethane	11.500	83	85055	10.000	ug/L		99
88) 4-Ethyltoluene	11.542	105	444721	10.000	ug/L		98
89) 2-Chlorotoluene	11.586	91	328081	10.000	ug/L		97
90) 1,3,5-Trimethylbenzene	11.637	105	364150	10.000	ug/L		97
91) 1,2,3-Trichloropropane	11.639	75	59536	10.000	ug/L		99
92) trans-1,4-Dichloro-2-b...	11.684	53	24573	10.000	ug/L	#	60
93) 4-Chlorotoluene	11.768	91	341505	10.000	ug/L		95
94) tert-Butylbenzene	11.971	119	300223	10.000	ug/L		98
97) 1,2,4-Trimethylbenzene	12.047	105	368825	10.000	ug/L		97
98) sec-Butylbenzene	12.161	105	443538	10.000	ug/L		95
99) p-Isopropyltoluene	12.311	119	363789	10.000	ug/L		97
100) 1,3-Dichlorobenzene	12.381	146	201232	10.000	ug/L		99
101) 1,4-Dichlorobenzene	12.473	146	206538	10.000	ug/L		98
102) p-Diethylbenzene	12.677	119	214687	10.000	ug/L		95
103) n-Butylbenzene	12.735	91	324680	10.000	ug/L		97
104) 1,2-Dichlorobenzene	12.891	146	184603	10.000	ug/L		98
105) 1,2,4,5-Tetramethylben...	13.466	119	286962	10.000	ug/L		97
106) 1,2-Dibromo-3-chloropr...	13.672	155	10042	10.000	ug/L		98
107) 1,3,5-Trichlorobenzene	13.697	180	94217	10.000	ug/L		97
108) Hexachlorobutadiene	14.269	225	31916	10.000	ug/L		98
109) 1,2,4-Trichlorobenzene	14.294	180	75297	10.000	ug/L		98
110) Naphthalene	14.587	128	167770	10.000	ug/L		100
111) 1,2,3-Trichlorobenzene	14.754	180	55398	10.000	ug/L		99

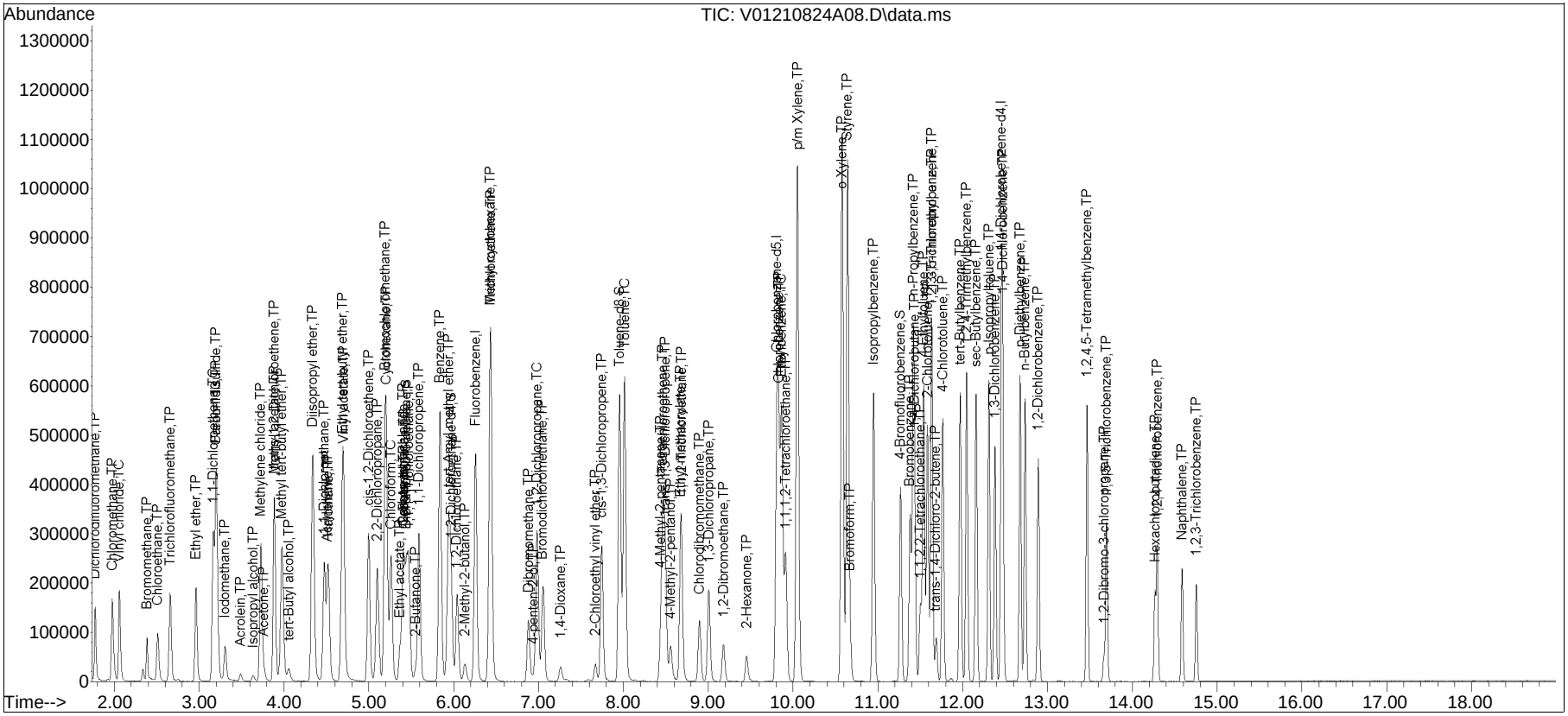
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2021\210824AICAL\
Data File : V01210824A08.D
Acq On : 24 Aug 2021 1:12 pm
Operator : VOA101:KJD
Sample : I8260STD10PPB
Misc : WG1538690
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 24 14:24:51 2021
Quant Method : I:\VOLATILES\VOA101\2021\210824AICAL\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 14:24:46 2021
Response via : Initial Calibration

Sub List : 8260-CurveAlc - All compounds listedICAL\V01210824A08.D•



Manual Integration Report

Data Path	: I:\VOLATILES\VOA101\2021\2Q	Method	: V101_210824A_8260.m
Data File	: V01210824A08.D	Operator	: VOA101:KJD
Date Inj'd	: 8/24/2021 1:12 pm	Instrument	: VOA 101
Sample	: I8260STD10PPB	Quant Date	: 8/24/2021 2:24 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2021\210824AICAL\
Data File : V01210824A09.D
Acq On : 24 Aug 2021 1:36 pm
Operator : VOA101:KJD
Sample : I8260STD30PPB
Misc : WG1538690
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 24 14:53:52 2021
Quant Method : I:\VOLATILES\VOA101\2021\210824AICAL\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 14:24:35 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210824AICAL\V01210824A08.D
Sub List : 8260-CurveAlc - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.257	96	492641	10.000	ug/L	0.00
Standard Area 1 = 481117			Recovery = 102.40%			
59) Chlorobenzene-d5	9.810	117	382053	10.000	ug/L	0.00
Standard Area 1 = 312867			Recovery = 122.11%			
79) 1,4-Dichlorobenzene-d4	12.459	152	173586	10.000	ug/L	0.00
Standard Area 1 = 169266			Recovery = 102.55%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.440	113	119992	10.085	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.85%			
43) 1,2-Dichloroethane-d4	5.970	65	128507	9.618	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.18%			
60) Toluene-d8	7.955	98	485566	8.389	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 83.89%			
83) 4-Bromofluorobenzene	11.268	95	174175	10.868	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 108.68%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.776	85	371623	33.658	ug/L	99
3) Chloromethane	1.977	50	529347	29.147	ug/L	98
4) Vinyl chloride	2.060	62	556394	31.791	ug/L	99
5) Bromomethane	2.387	94	155979	38.445	ug/L	99
6) Chloroethane	2.512	64	299665	31.599	ug/L	96
7) Trichlorofluoromethane	2.660	101	550095	34.857	ug/L	99
8) Ethyl ether	2.964	74	207025	30.540	ug/L	77
10) 1,1-Dichloroethene	3.167	96	357014	32.483	ug/L	81
11) Carbon disulfide	3.201	76	1047767	31.839	ug/L	99
12) Freon-113	3.206	101	381699	34.004	ug/L	84
13) Iodomethane	3.310	142	341762	37.666	ug/L	99
14) Acrolein	3.488	56	38564	29.513	ug/L	93
15) Methylene chloride	3.728	84	385816	30.353	ug/L	86
16) Isopropyl alcohol	3.636	45	55361	152.643	ug/L #	95
17) Acetone	3.761	43	61826	28.864	ug/L	94
18) trans-1,2-Dichloroethene	3.884	96	390061	30.627	ug/L	84
19) Methyl acetate	3.887	43	194900	30.179	ug/L	91
20) Methyl tert-butyl ether	3.979	73	910335	29.988	ug/L #	91
21) tert-Butyl alcohol	4.057	59	102283	146.398	ug/L #	91
22) Diisopropyl ether	4.339	45	1585409	30.097	ug/L	90
23) 1,1-Dichloroethane	4.478	63	843136	29.325	ug/L	97

Data Path : I:\VOLATILES\VOA101\2021\210824AICAL\
Data File : V01210824A09.D
Acq On : 24 Aug 2021 1:36 pm
Operator : VOA101:KJD
Sample : I8260STD30PPB
Misc : WG1538690
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 24 14:53:52 2021
Quant Method : I:\VOLATILES\VOA101\2021\210824AICAL\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 14:24:35 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210824AICAL\V01210824A08.D
Sub List : 8260-CurveAlc - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
24) Halothane	4.520	117	289955	31.285	ug/L		99
25) Acrylonitrile	4.517	53	111985	29.800	ug/L	#	89
26) Ethyl tert-butyl ether	4.693	59	1400720	30.473	ug/L		92
27) Vinyl acetate	4.704	43	871969	30.525	ug/L		98
28) cis-1,2-Dichloroethene	4.997	96	430135	30.262	ug/L	#	84
29) 2,2-Dichloropropane	5.103	77	548631	32.808	ug/L		97
30) Bromochloromethane	5.195	128	171921	29.529	ug/L	#	76
31) Cyclohexane	5.206	56	1005191	33.847	ug/L		80
32) Chloroform	5.262	83	679451	30.120	ug/L		99
33) Ethyl acetate	5.365	43	290595	29.168	ug/L	#	96
34) Carbon tetrachloride	5.404	117	519960	32.322	ug/L		99
35) Tetrahydrofuran	5.415	42	84016	29.469	ug/L		98
37) 1,1,1-Trichloroethane	5.471	97	570726	31.926	ug/L		96
38) 2-Butanol	5.407	45	74872	162.468	ug/L	#	88
39) 2-Butanone	5.552	43	106964	29.623	ug/L	#	49
40) 1,1-Dichloropropene	5.591	75	530391	31.347	ug/L		99
41) Benzene	5.839	78	1628146	30.495	ug/L		94
42) tert-Amyl methyl ether	5.942	73	929835	30.110	ug/L		92
44) 1,2-Dichloroethane	6.042	62	482027	28.646	ug/L		98
46) 2-Methyl-2-butanol	6.132	59	87323	147.805	ug/L		92
47) Methyl cyclohexane	6.433	83	670987	32.917	ug/L	#	72
48) Trichloroethene	6.438	95	400995	30.632	ug/L		97
50) Dibromomethane	6.879	93	189848	29.806	ug/L		93
51) 1,2-Dichloropropane	6.985	63	499918	31.011	ug/L	#	93
52) 4-penten-2-ol	6.935	45	49721	169.735	ug/L	#	1
53) 2-Chloroethyl vinyl ether	7.671	63	52776	25.843	ug/L		98
54) Bromodichloromethane	7.052	83	498582	31.234	ug/L		99
57) 1,4-Dioxane	7.264	88	28369	553.975	ug/L	#	77
58) cis-1,3-Dichloropropene	7.746	75	605911	30.528	ug/L		100
61) Toluene	8.014	92	1003761	25.333	ug/L		98
62) 4-Methyl-2-pentanone	8.441	58	107687	24.220	ug/L	#	84
63) Tetrachloroethene	8.469	166	367429	25.880	ug/L		99
65) trans-1,3-Dichloropropene	8.494	75	478547	25.226	ug/L		98
66) 4-Methyl-2-pentanol	8.558	45	240348	133.910	ug/L		97
67) Ethyl methacrylate	8.675	69	409571	31.359	ug/L		89
68) 1,1,2-Trichloroethane	8.683	83	240437	29.990	ug/L		98
69) Chlorodibromomethane	8.895	129	320799	30.193	ug/L		98
70) 1,3-Dichloropropane	9.010	76	492023	30.003	ug/L		100
71) 1,2-Dibromoethane	9.182	107	260786	29.778	ug/L		99
72) 2-Hexanone	9.450	43	161637	27.491	ug/L		90

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2021\210824AICAL\
Data File : V01210824A09.D
Acq On : 24 Aug 2021 1:36 pm
Operator : VOA101:KJD
Sample : I8260STD30PPB
Misc : WG1538690
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 24 14:53:52 2021
Quant Method : I:\VOLATILES\VOA101\2021\210824AICAL\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 14:24:35 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210824AICAL\V01210824A08.D
Sub List : 8260-CurveAlc - All compounds listed

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
73)	Chlorobenzene	9.829	112	1031975	30.518	ug/L		99
74)	Ethylbenzene	9.866	91	1873606	30.577	ug/L		100
75)	1,1,1,2-Tetrachloroethane	9.913	131	328792	28.727	ug/L		98
76)	p/m Xylene	10.053	106	1445268	61.936	ug/L		100
77)	o Xylene	10.582	106	1117897	50.755	ug/L		99
78)	Styrene	10.644	104	1867948	50.853	ug/L		99
80)	Bromoform	10.674	173	144317	30.771	ug/L		99
82)	Isopropylbenzene	10.950	105	1510653	31.754	ug/L		97
84)	Bromobenzene	11.380	156	329308	32.585	ug/L		99
85)	n-Propylbenzene	11.419	91	1927507	34.846	ug/L		98
86)	1,4-Dichlorobutane	11.436	55	613420	31.978	ug/L		93
87)	1,1,2,2-Tetrachloroethane	11.503	83	293226	33.617	ug/L		98
88)	4-Ethyltoluene	11.542	105	1609763	35.296	ug/L		97
89)	2-Chlorotoluene	11.586	91	1173481	34.878	ug/L		97
90)	1,3,5-Trimethylbenzene	11.636	105	1298847	34.780	ug/L		97
91)	1,2,3-Trichloropropane	11.639	75	209351	34.289	ug/L		98
92)	trans-1,4-Dichloro-2-b...	11.687	53	88798	35.237	ug/L	#	75
93)	4-Chlorotoluene	11.765	91	1217279	34.757	ug/L		95
94)	tert-Butylbenzene	11.971	119	1073690	34.873	ug/L		98
97)	1,2,4-Trimethylbenzene	12.049	105	1286348	34.009	ug/L		97
98)	sec-Butylbenzene	12.161	105	1559303	34.281	ug/L		95
99)	p-Isopropyltoluene	12.309	119	1183596	31.726	ug/L		98
100)	1,3-Dichlorobenzene	12.384	146	614250	29.765	ug/L		98
101)	1,4-Dichlorobenzene	12.473	146	644702	30.438	ug/L		98
102)	p-Diethylbenzene	12.679	119	692886	31.471	ug/L		96
103)	n-Butylbenzene	12.738	91	952817	28.616	ug/L		98
104)	1,2-Dichlorobenzene	12.894	146	550865	29.098	ug/L		98
105)	1,2,4,5-Tetramethylben...	13.466	119	810239	27.532	ug/L		96
106)	1,2-Dibromo-3-chloropr...	13.667	155	27467	26.671	ug/L		100
107)	1,3,5-Trichlorobenzene	13.697	180	262831	27.202	ug/L		98
108)	Hexachlorobutadiene	14.269	225	93614	28.601	ug/L		98
109)	1,2,4-Trichlorobenzene	14.294	180	218045	28.237	ug/L		98
110)	Naphthalene	14.587	128	502294	29.194	ug/L		100
111)	1,2,3-Trichlorobenzene	14.754	180	171840	30.247	ug/L		98

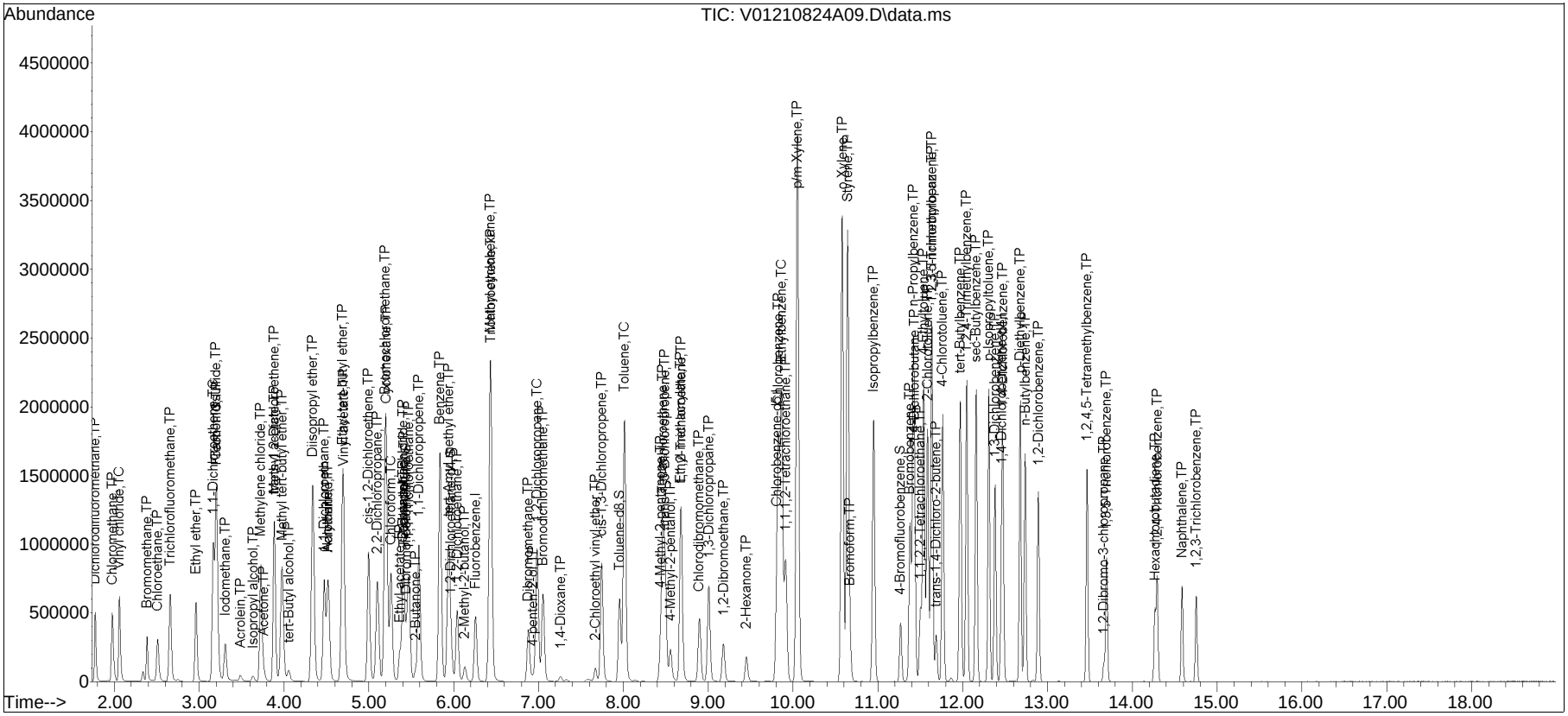
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2021\210824AICAL\
Data File : V01210824A09.D
Acq On : 24 Aug 2021 1:36 pm
Operator : VOA101:KJD
Sample : I8260STD30PPB
Misc : WG1538690
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 24 14:53:52 2021
Quant Method : I:\VOLATILES\VOA101\2021\210824AICAL\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 14:24:35 2021
Response via : Initial Calibration

Sub List : 8260-CurveAlc - All compounds listedICAL\V01210824A08.D•



Manual Integration Report

Data Path	: I:\VOLATILES\VOA101\2021\2Q	Method	: V101_210824A_8260.m
Data File	: V01210824A09.D	Operator	: VOA101:KJD
Date Inj'd	: 8/24/2021 1:36 pm	Instrument	: VOA 101
Sample	: I8260STD30PPB	Quant Date	: 8/24/2021 2:42 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2021\210824AICAL\
Data File : V01210824A10.D
Acq On : 24 Aug 2021 2:00 pm
Operator : VOA101:KJD
Sample : I8260STD80PPB
Misc : WG1538690
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 24 15:00:07 2021
Quant Method : I:\VOLATILES\VOA101\2021\210824AICAL\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 14:55:01 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210824AICAL\V01210824A08.D
Sub List : 8260-CurveAlc - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.257	96	514502	10.000	ug/L	0.00
Standard Area 1 = 481117			Recovery = 106.94%			
59) Chlorobenzene-d5	9.813	117	399581	10.000	ug/L	0.00
Standard Area 1 = 312867			Recovery = 127.72%			
79) 1,4-Dichlorobenzene-d4	12.456	152	163175	10.000	ug/L	0.00
Standard Area 1 = 169266			Recovery = 96.40%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.446	113	124990	10.016	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.16%			
43) 1,2-Dichloroethane-d4	5.976	65	131593	9.670	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.70%			
60) Toluene-d8	7.958	98	500502	9.658	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.58%			
83) 4-Bromofluorobenzene	11.271	95	197708	11.707	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 117.07%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.776	85	1018738	81.573	ug/L	99
3) Chloromethane	1.977	50	1462779	75.824	ug/L	98
4) Vinyl chloride	2.060	62	1554913	85.287	ug/L	98
5) Bromomethane	2.387	94	533771	94.682	ug/L	100
6) Chloroethane	2.506	64	805293	78.246	ug/L	96
7) Trichlorofluoromethane	2.660	101	1519867	81.371	ug/L	100
8) Ethyl ether	2.964	74	566449	80.321	ug/L	76
10) 1,1-Dichloroethene	3.165	96	996267	81.859	ug/L	81
11) Carbon disulfide	3.201	76	2916531	79.710	ug/L	99
12) Freon-113	3.206	101	1052509	81.346	ug/L	83
13) Iodomethane	3.307	142	951467	100.011	ug/L	99
14) Acrolein	3.485	56	110397	88.229	ug/L	94
15) Methylene chloride	3.728	84	1055504	78.005	ug/L	87
16) Isopropyl alcohol	3.633	45	163327	383.174	ug/L	94
17) Acetone	3.761	43	176381	60.773	ug/L	96
18) trans-1,2-Dichloroethene	3.887	96	1047702	78.397	ug/L	84
19) Methyl acetate	3.884	43	530498	75.038	ug/L #	91
20) Methyl tert-butyl ether	3.976	73	2512077	79.779	ug/L #	92
21) tert-Butyl alcohol	4.057	59	289407	400.568	ug/L	92
22) Diisopropyl ether	4.339	45	4380149	78.779	ug/L	90
23) 1,1-Dichloroethane	4.475	63	2332337	78.521	ug/L	97

Data Path : I:\VOLATILES\VOA101\2021\210824AICAL\
Data File : V01210824A10.D
Acq On : 24 Aug 2021 2:00 pm
Operator : VOA101:KJD
Sample : I8260STD80PPB
Misc : WG1538690
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 24 15:00:07 2021
Quant Method : I:\VOLATILES\VOA101\2021\210824AICAL\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 14:55:01 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210824AICAL\V01210824A08.D
Sub List : 8260-CurveAlc - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
24) Halothane	4.523	117	823919	81.044	ug/L		99
25) Acrylonitrile	4.514	53	316924	78.908	ug/L	#	89
26) Ethyl tert-butyl ether	4.690	59	3876735	79.982	ug/L		92
27) Vinyl acetate	4.704	43	2418912	81.300	ug/L		98
28) cis-1,2-Dichloroethene	4.997	96	1022836	70.843	ug/L	#	84
29) 2,2-Dichloropropane	5.100	77	1346224	73.189	ug/L		99
30) Bromochloromethane	5.192	128	414311	72.149	ug/L	#	76
31) Cyclohexane	5.203	56	2704532	79.055	ug/L		79
32) Chloroform	5.264	83	1828442	79.448	ug/L		99
33) Ethyl acetate	5.362	43	796837	76.079	ug/L	#	94
34) Carbon tetrachloride	5.407	117	1442234	81.891	ug/L		98
35) Tetrahydrofuran	5.412	42	226947	69.355	ug/L		99
37) 1,1,1-Trichloroethane	5.468	97	1576665	80.823	ug/L		96
38) 2-Butanol	5.407	45	224839	364.153	ug/L	#	85
39) 2-Butanone	5.549	43	302561	75.832	ug/L	#	50
40) 1,1-Dichloropropene	5.591	75	1506845	82.332	ug/L		99
41) Benzene	5.839	78	4457688	82.299	ug/L		94
42) tert-Amyl methyl ether	5.942	73	2466946	78.424	ug/L		93
44) 1,2-Dichloroethane	6.042	62	1314610	77.341	ug/L		98
46) 2-Methyl-2-butanol	6.134	59	250075	389.379	ug/L		93
47) Methyl cyclohexane	6.433	83	1905199	83.714	ug/L	#	74
48) Trichloroethene	6.438	95	1120741	80.095	ug/L		97
50) Dibromomethane	6.882	93	522158	78.632	ug/L		94
51) 1,2-Dichloropropane	6.985	63	1375473	79.584	ug/L	#	93
52) 4-penten-2-ol	6.929	45	158663	419.697	ug/L	#	1
53) 2-Chloroethyl vinyl ether	7.671	63	120290	68.432	ug/L		97
54) Bromodichloromethane	7.055	83	1382383	80.341	ug/L		98
57) 1,4-Dioxane	7.261	88	39819	775.782	ug/L	#	79
58) cis-1,3-Dichloropropene	7.744	75	1558335	76.583	ug/L		99
61) Toluene	8.014	92	2763317	76.519	ug/L		98
62) 4-Methyl-2-pentanone	8.441	58	291756	73.731	ug/L	#	80
63) Tetrachloroethene	8.466	166	946168	71.375	ug/L		100
65) trans-1,3-Dichloropropene	8.496	75	1200246	72.158	ug/L		96
66) 4-Methyl-2-pentanol	8.555	45	652208	377.355	ug/L	#	95
67) Ethyl methacrylate	8.675	69	1073899	79.379	ug/L		89
68) 1,1,2-Trichloroethane	8.686	83	612439	73.971	ug/L		99
69) Chlorodibromomethane	8.901	129	897525	82.042	ug/L		97
70) 1,3-Dichloropropane	9.007	76	1372546	80.303	ug/L		100
71) 1,2-Dibromoethane	9.180	107	710639	78.849	ug/L		99
72) 2-Hexanone	9.450	43	484028	82.729	ug/L		88

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2021\210824AICAL\
Data File : V01210824A10.D
Acq On : 24 Aug 2021 2:00 pm
Operator : VOA101:KJD
Sample : I8260STD80PPB
Misc : WG1538690
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 24 15:00:07 2021
Quant Method : I:\VOLATILES\VOA101\2021\210824AICAL\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 14:55:01 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210824AICAL\V01210824A08.D
Sub List : 8260-CurveAlc - All compounds listed

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
73)	Chlorobenzene	9.829	112	2859367	79.504	ug/L		99
74)	Ethylbenzene	9.868	91	5328720	81.050	ug/L		100
75)	1,1,1,2-Tetrachloroethane	9.913	131	965376	81.634	ug/L		98
76)	p/m Xylene	10.055	106	4044833	163.773	ug/L		100
77)	o Xylene	10.580	106	3758880	167.059	ug/L		99
78)	Styrene	10.644	104	6369315	172.379	ug/L		99
80)	Bromoform	10.674	173	470887	94.136	ug/L		99
82)	Isopropylbenzene	10.950	105	4998324	97.578	ug/L		97
84)	Bromobenzene	11.383	156	808965	79.245	ug/L		99
85)	n-Propylbenzene	11.422	91	4666398	80.427	ug/L		97
86)	1,4-Dichlorobutane	11.436	55	1482929	76.684	ug/L		93
87)	1,1,2,2-Tetrachloroethane	11.503	83	676288	76.211	ug/L		98
88)	4-Ethyltoluene	11.542	105	3824499	80.527	ug/L		97
89)	2-Chlorotoluene	11.589	91	2744994	78.894	ug/L		96
90)	1,3,5-Trimethylbenzene	11.636	105	3104406	80.442	ug/L		96
91)	1,2,3-Trichloropropane	11.642	75	472666	72.202	ug/L		99
92)	trans-1,4-Dichloro-2-b...	11.689	53	220180	85.761	ug/L	#	76
93)	4-Chlorotoluene	11.768	91	2852902	79.648	ug/L		94
94)	tert-Butylbenzene	11.974	119	2571012	81.207	ug/L		98
97)	1,2,4-Trimethylbenzene	12.049	105	3054198	80.728	ug/L		96
98)	sec-Butylbenzene	12.161	105	3729210	80.712	ug/L		95
99)	p-Isopropyltoluene	12.309	119	3015662	82.317	ug/L		98
100)	1,3-Dichlorobenzene	12.384	146	1566953	79.974	ug/L		98
101)	1,4-Dichlorobenzene	12.476	146	1572789	78.028	ug/L		99
102)	p-Diethylbenzene	12.679	119	1695745	81.034	ug/L		95
103)	n-Butylbenzene	12.738	91	2531552	81.969	ug/L		98
104)	1,2-Dichlorobenzene	12.894	146	1375854	79.111	ug/L		98
105)	1,2,4,5-Tetramethylben...	13.466	119	2308700	85.305	ug/L		96
106)	1,2-Dibromo-3-chloropr...	13.667	155	78797	88.890	ug/L		98
107)	1,3,5-Trichlorobenzene	13.697	180	750606	81.957	ug/L		98
108)	Hexachlorobutadiene	14.266	225	272187	84.527	ug/L		98
109)	1,2,4-Trichlorobenzene	14.294	180	618304	83.364	ug/L		98
110)	Naphthalene	14.584	128	1357399	83.150	ug/L		100
111)	1,2,3-Trichlorobenzene	14.754	180	455742	80.668	ug/L		98

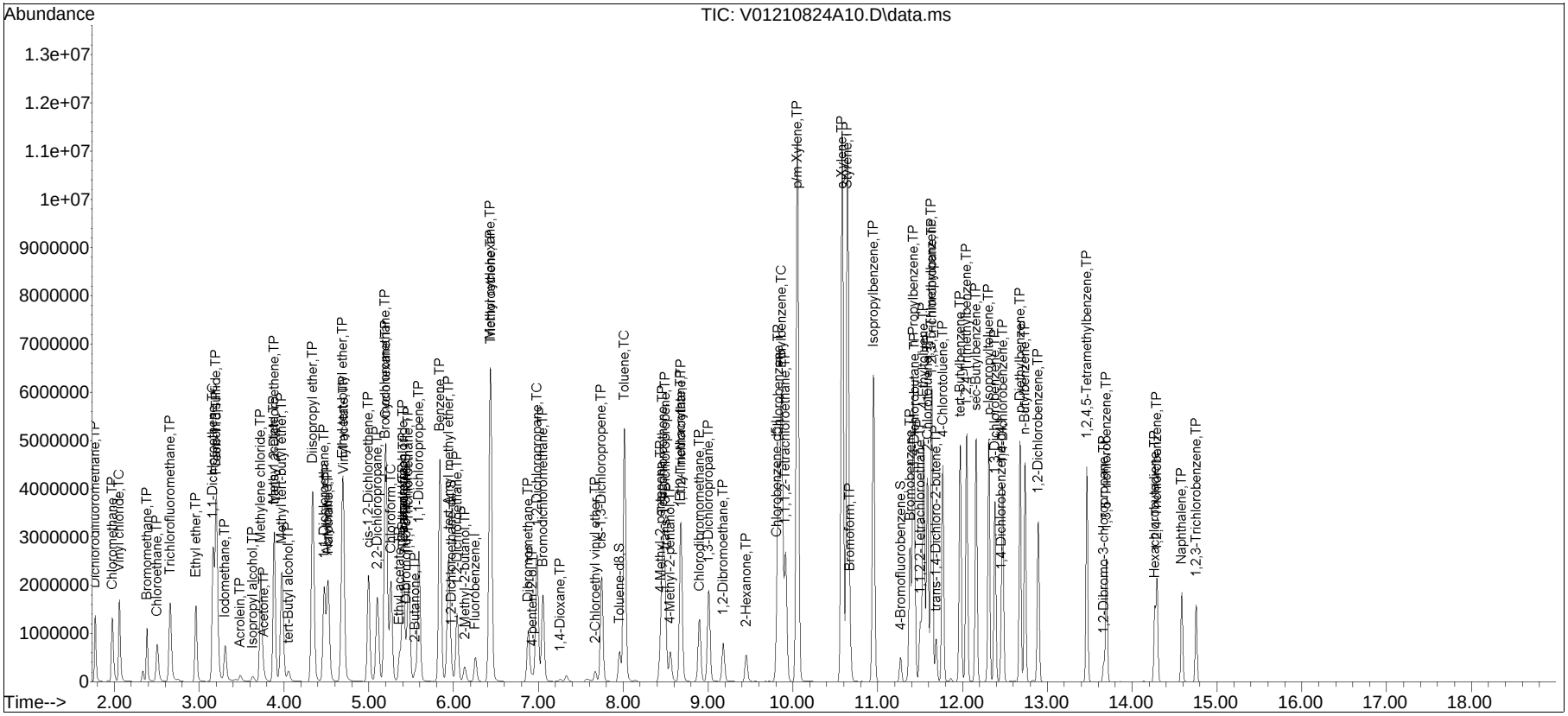
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2021\210824AICAL\
Data File : V01210824A10.D
Acq On : 24 Aug 2021 2:00 pm
Operator : VOA101:KJD
Sample : I8260STD80PPB
Misc : WG1538690
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 24 15:00:07 2021
Quant Method : I:\VOLATILES\VOA101\2021\210824AICAL\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 14:55:01 2021
Response via : Initial Calibration

Sub List : 8260-CurveAlc - All compounds listedICAL\V01210824A08.D•



Manual Integration Report

Data Path	: I:\VOLATILES\VOA101\2021\2Q	Method	: V101_210824A_8260.m
Data File	: V01210824A10.D	Operator	: VOA101:KJD
Date Inj'd	: 8/24/2021 2:00 pm	Instrument	: VOA 101
Sample	: I8260STD80PPB	Quant Date	: 8/24/2021 3:00 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2021\210824AICAL\
Data File : V01210824A11.D
Acq On : 24 Aug 2021 2:23 pm
Operator : VOA101:KJD
Sample : I8260STD120PPB
Misc : WG1538690
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 24 14:45:46 2021
Quant Method : I:\VOLATILES\VOA101\2021\210824AICAL\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 14:24:35 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210824AICAL\V01210824A08.D
Sub List : 8260-CurveAlc - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.260	96	520447	10.000	ug/L	0.00
Standard Area 1 = 481117			Recovery = 108.17%			
59) Chlorobenzene-d5	9.810	117	410033	10.000	ug/L	0.00
Standard Area 1 = 312867			Recovery = 131.06%			
79) 1,4-Dichlorobenzene-d4	12.459	152	162010	10.000	ug/L	0.00
Standard Area 1 = 169266			Recovery = 95.71%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.437	113	127346	10.132	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.32%			
43) 1,2-Dichloroethane-d4	5.973	65	131371	9.307	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 93.07%			
60) Toluene-d8	7.956	98	524055	8.436	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 84.36%			
83) 4-Bromofluorobenzene	11.268	95	161441	10.793	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 107.93%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.776	85	1544193	132.387	ug/L	100
3) Chloromethane	1.977	50	2312148	120.510	ug/L	98
4) Vinyl chloride	2.060	62	2397034	129.644	ug/L	98
5) Bromomethane	2.384	94	898481	209.621	ug/L	100
6) Chloroethane	2.498	64	1184361	118.216	ug/L	96
7) Trichlorofluoromethane	2.657	101	2303760	138.181	ug/L	99
8) Ethyl ether	2.964	74	892300	124.599	ug/L	76
10) 1,1-Dichloroethene	3.165	96	1526892	131.501	ug/L	82
11) Carbon disulfide	3.201	76	4578227	131.686	ug/L	99
12) Freon-113	3.201	101	1595379	134.532	ug/L	78
13) Iodomethane	3.307	142	1347146	140.537	ug/L	99
14) Acrolein	3.485	56	183519	132.945	ug/L	95
15) Methylene chloride	3.728	84	1650866	122.937	ug/L	88
16) Isopropyl alcohol	3.630	45	289030	754.342	ug/L #	92
17) Acetone	3.759	43	291887	128.988	ug/L	96
18) trans-1,2-Dichloroethene	3.884	96	1670937	124.189	ug/L	84
19) Methyl acetate	3.881	43	891739	130.704	ug/L #	91
20) Methyl tert-butyl ether	3.976	73	4008544	124.995	ug/L #	92
21) tert-Butyl alcohol	4.054	59	505522	684.898	ug/L	93
22) Diisopropyl ether	4.339	45	6769146	121.637	ug/L	90
23) 1,1-Dichloroethane	4.475	63	3669842	120.819	ug/L	97

Data Path : I:\VOLATILES\VOA101\2021\210824AICAL\
Data File : V01210824A11.D
Acq On : 24 Aug 2021 2:23 pm
Operator : VOA101:KJD
Sample : I8260STD120PPB
Misc : WG1538690
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 24 14:45:46 2021
Quant Method : I:\VOLATILES\VOA101\2021\210824AICAL\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 14:24:35 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210824AICAL\V01210824A08.D
Sub List : 8260-CurveAlc - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
24) Halothane	4.520	117	1268698	129.574	ug/L		99
25) Acrylonitrile	4.512	53	527286	132.817	ug/L	#	88
26) Ethyl tert-butyl ether	4.690	59	6144735	126.537	ug/L		93
27) Vinyl acetate	4.701	43	3919513	129.880	ug/L		98
28) cis-1,2-Dichloroethene	5.000	96	1820273	121.224	ug/L	#	84
29) 2,2-Dichloropropane	5.103	77	2258838	127.862	ug/L		99
30) Bromochloromethane	5.192	128	657156	106.842	ug/L	#	78
31) Cyclohexane	5.203	56	4238301	135.088	ug/L		81
32) Chloroform	5.262	83	2619007	109.899	ug/L		100
33) Ethyl acetate	5.362	43	1317730	125.197	ug/L	#	96
34) Carbon tetrachloride	5.407	117	2223939	130.859	ug/L		99
35) Tetrahydrofuran	5.410	42	382381	126.956	ug/L		99
37) 1,1,1-Trichloroethane	5.471	97	2430056	128.674	ug/L		96
38) 2-Butanol	5.407	45	391481	804.108	ug/L	#	85
39) 2-Butanone	5.549	43	501713	131.522	ug/L	#	50
40) 1,1-Dichloropropene	5.591	75	2301017	128.730	ug/L		99
41) Benzene	5.839	78	5890384	104.432	ug/L		93
42) tert-Amyl methyl ether	5.942	73	3753382	115.049	ug/L		93
44) 1,2-Dichloroethane	6.043	62	1905715	107.202	ug/L		98
46) 2-Methyl-2-butanol	6.132	59	412847	661.458	ug/L		92
47) Methyl cyclohexane	6.430	83	2908585	135.067	ug/L	#	74
48) Trichloroethene	6.439	95	1717698	124.203	ug/L		97
50) Dibromomethane	6.882	93	835525	124.170	ug/L		94
51) 1,2-Dichloropropane	6.985	63	2146782	126.056	ug/L	#	93
52) 4-penten-2-ol	6.927	45	290532	938.816	ug/L	#	1
53) 2-Chloroethyl vinyl ether	7.671	63	199102	92.286	ug/L		97
54) Bromodichloromethane	7.052	83	2173255	128.871	ug/L		98
57) 1,4-Dioxane	7.258	88	63712	1177.663	ug/L	#	79
58) cis-1,3-Dichloropropene	7.744	75	2717403	129.596	ug/L		99
61) Toluene	8.014	92	4351656	102.332	ug/L		98
62) 4-Methyl-2-pentanone	8.441	58	525274	110.079	ug/L	#	80
63) Tetrachloroethene	8.466	166	1611394	105.756	ug/L		100
65) trans-1,3-Dichloropropene	8.497	75	2214348	108.760	ug/L		96
66) 4-Methyl-2-pentanol	8.558	45	1206847	626.511	ug/L		96
67) Ethyl methacrylate	8.678	69	1930545	137.727	ug/L		87
68) 1,1,2-Trichloroethane	8.683	83	1063443	123.593	ug/L		98
69) Chlorodibromomethane	8.901	129	1462270	128.233	ug/L		98
70) 1,3-Dichloropropane	9.007	76	2005904	113.969	ug/L		100
71) 1,2-Dibromoethane	9.180	107	1173591	124.864	ug/L		100
72) 2-Hexanone	9.445	43	784552	124.330	ug/L		88

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2021\210824AICAL\
Data File : V01210824A11.D
Acq On : 24 Aug 2021 2:23 pm
Operator : VOA101:KJD
Sample : I8260STD120PPB
Misc : WG1538690
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 24 14:45:46 2021
Quant Method : I:\VOLATILES\VOA101\2021\210824AICAL\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 14:24:35 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210824AICAL\V01210824A08.D
Sub List : 8260-CurveAlc - All compounds listed

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
73)	Chlorobenzene	9.832	112	4473003	123.251	ug/L		99
74)	Ethylbenzene	9.869	91	8399954	127.733	ug/L		100
75)	1,1,1,2-Tetrachloroethane	9.916	131	1532162	124.730	ug/L		98
76)	p/m Xylene	10.055	106	6230315	248.777	ug/L		100
77)	o Xylene	10.582	106	5866793	248.188	ug/L		99
78)	Styrene	10.647	104	9964419	252.761	ug/L		99
80)	Bromoform	10.675	173	780426	178.291	ug/L		100
82)	Isopropylbenzene	10.951	105	6139481	138.274	ug/L		97
84)	Bromobenzene	11.383	156	1229385	130.338	ug/L		99
85)	n-Propylbenzene	11.422	91	6998443	135.558	ug/L		97
86)	1,4-Dichlorobutane	11.436	55	2326497	129.948	ug/L		93
87)	1,1,2,2-Tetrachloroethane	11.503	83	1084384	133.202	ug/L		98
88)	4-Ethyltoluene	11.542	105	5763706	135.407	ug/L		97
89)	2-Chlorotoluene	11.586	91	4167211	132.707	ug/L		96
90)	1,3,5-Trimethylbenzene	11.639	105	4705309	135.001	ug/L		96
91)	1,2,3-Trichloropropane	11.639	75	764783	134.210	ug/L		99
92)	trans-1,4-Dichloro-2-b...	11.690	53	359953	153.044	ug/L	#	79
93)	4-Chlorotoluene	11.768	91	4343937	132.897	ug/L		94
94)	tert-Butylbenzene	11.974	119	3883114	135.134	ug/L		97
97)	1,2,4-Trimethylbenzene	12.049	105	4629912	131.154	ug/L		96
98)	sec-Butylbenzene	12.161	105	5641841	132.898	ug/L		94
99)	p-Isopropyltoluene	12.311	119	4578193	131.484	ug/L		97
100)	1,3-Dichlorobenzene	12.384	146	2390867	124.133	ug/L		98
101)	1,4-Dichlorobenzene	12.473	146	2397018	121.255	ug/L		99
102)	p-Diethylbenzene	12.682	119	2578544	125.486	ug/L		95
103)	n-Butylbenzene	12.738	91	3860826	124.237	ug/L		98
104)	1,2-Dichlorobenzene	12.891	146	2115440	119.726	ug/L		98
105)	1,2,4,5-Tetramethylben...	13.466	119	3525109	128.344	ug/L		96
106)	1,2-Dibromo-3-chloropr...	13.667	155	129670	134.911	ug/L		98
107)	1,3,5-Trichlorobenzene	13.700	180	1156023	128.193	ug/L		98
108)	Hexachlorobutadiene	14.266	225	431061	141.110	ug/L		98
109)	1,2,4-Trichlorobenzene	14.294	180	974550	135.224	ug/L		98
110)	Naphthalene	14.587	128	2240916	139.553	ug/L		100
111)	1,2,3-Trichlorobenzene	14.754	180	743270	140.178	ug/L		98

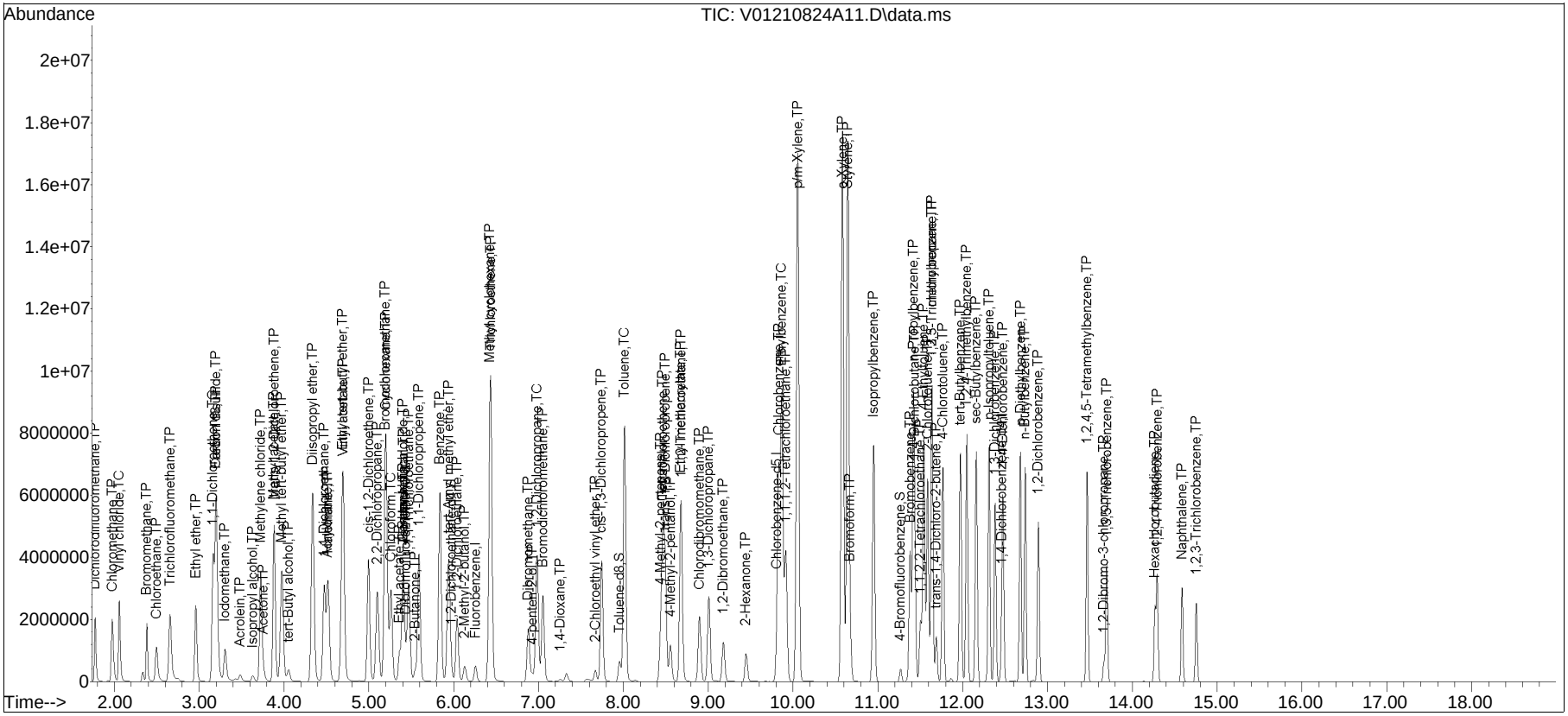
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2021\210824AICAL\
Data File : V01210824A11.D
Acq On : 24 Aug 2021 2:23 pm
Operator : VOA101:KJD
Sample : I8260STD120PPB
Misc : WG1538690
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 24 14:45:46 2021
Quant Method : I:\VOLATILES\VOA101\2021\210824AICAL\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 14:24:35 2021
Response via : Initial Calibration

Sub List : 8260-CurveAlc - All compounds listedICAL\V01210824A08.D•



Manual Integration Report

Data Path	: I:\VOLATILES\VOA101\2021\2Q	Method	: V101_210824A_8260.m
Data File	: V01210824A11.D	Operator	: VOA101:KJD
Date Inj'd	: 8/24/2021 2:23 pm	Instrument	: VOA 101
Sample	: I8260STD120PPB	Quant Date	: 8/24/2021 2:42 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2021\210824AICAL\
Data File : V01210824A12.D
Acq On : 24 Aug 2021 2:47 pm
Operator : VOA101:KJD
Sample : I8260STD200PPB
Misc : WG1538690
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 24 15:08:28 2021
Quant Method : I:\VOLATILES\VOA101\2021\210824AICAL\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 14:54:58 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210824AICAL\V01210824A08.D
Sub List : 8260-CurveAlc - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.257	96	442386	10.000	ug/L	0.00
Standard Area 1 = 481117			Recovery = 91.95%			
59) Chlorobenzene-d5	9.813	117	350792	10.000	ug/L	0.00
Standard Area 1 = 312867			Recovery = 112.12%			
79) 1,4-Dichlorobenzene-d4	12.459	152	166203	10.000	ug/L	0.00
Standard Area 1 = 169266			Recovery = 98.19%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.443	113	108046	10.069	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.69%			
43) 1,2-Dichloroethane-d4	5.973	65	120292	10.281	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.81%			
60) Toluene-d8	7.955	98	439289	9.656	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.56%			
83) 4-Bromofluorobenzene	11.271	95	171987	9.998	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.98%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.776	85	1915185	178.353	ug/L	99
3) Chloromethane	1.974	50	3107356	187.328	ug/L	98
4) Vinyl chloride	2.057	62	2888934	184.290	ug/L	97
5) Bromomethane	2.384	94	1220413	251.770	ug/L	100
6) Chloroethane	2.484	64	1317988	148.938	ug/L	95
7) Trichlorofluoromethane	2.649	101	3212816	200.049	ug/L	99
8) Ethyl ether	2.961	74	1187449	195.826	ug/L	69
10) 1,1-Dichloroethene	3.165	96	2094941	200.192	ug/L	82
11) Carbon disulfide	3.198	76	6122894	194.620	ug/L	99
12) Freon-113	3.201	101	2195264	197.326	ug/L	83
13) Iodomethane	3.307	142	1966812	240.438	ug/L	97
14) Acrolein	3.485	56	259118	240.844	ug/L	95
15) Methylene chloride	3.728	84	2241229	192.634	ug/L	84
16) Isopropyl alcohol	3.639	45	450366	1228.823	ug/L #	91
17) Acetone	3.759	43	394846	158.223	ug/L	92
18) trans-1,2-Dichloroethene	3.884	96	2284352	198.798	ug/L	84
19) Methyl acetate	3.881	43	1203465	197.977	ug/L #	90
20) Methyl tert-butyl ether	3.976	73	5465921	201.886	ug/L #	91
21) tert-Butyl alcohol	4.057	59	750756	1208.514	ug/L #	91
22) Diisopropyl ether	4.339	45	9513860	199.005	ug/L	89
23) 1,1-Dichloroethane	4.475	63	4978729	194.940	ug/L	96

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2021\210824AICAL\
Data File : V01210824A12.D
Acq On : 24 Aug 2021 2:47 pm
Operator : VOA101:KJD
Sample : I8260STD200PPB
Misc : WG1538690
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 24 15:08:28 2021
Quant Method : I:\VOLATILES\VOA101\2021\210824AICAL\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 14:54:58 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210824AICAL\V01210824A08.D
Sub List : 8260-CurveAlc - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
24) Halothane	4.517	117	1769039	202.375	ug/L		99
25) Acrylonitrile	4.511	53	735384	212.943	ug/L	#	87
26) Ethyl tert-butyl ether	4.693	59	8490361	203.722	ug/L		91
27) Vinyl acetate	4.701	43	5224440	204.219	ug/L		98
28) cis-1,2-Dichloroethene	4.997	96	2520147	203.004	ug/L	#	83
29) 2,2-Dichloropropane	5.100	77	3151247	199.248	ug/L		98
30) Bromochloromethane	5.192	128	883361	178.907	ug/L	#	78
31) Cyclohexane	5.200	56	6018712	204.610	ug/L		77
32) Chloroform	5.262	83	4042787	204.300	ug/L		99
33) Ethyl acetate	5.362	43	1813127	201.329	ug/L	#	95
34) Carbon tetrachloride	5.407	117	3176828	209.787	ug/L		98
35) Tetrahydrofuran	5.412	42	526724	187.207	ug/L		99
37) 1,1,1-Trichloroethane	5.468	97	3445871	205.438	ug/L		98
38) 2-Butanol	5.407	45	589606	1110.604	ug/L	#	84
39) 2-Butanone	5.549	43	707979	206.370	ug/L	#	49
40) 1,1-Dichloropropene	5.591	75	3133852	199.144	ug/L		98
41) Benzene	5.839	78	9399335	201.823	ug/L		93
42) tert-Amyl methyl ether	5.945	73	5693490	210.502	ug/L		93
44) 1,2-Dichloroethane	6.040	62	2844178	194.605	ug/L		98
46) 2-Methyl-2-butanol	6.132	59	641573	1161.806	ug/L		92
47) Methyl cyclohexane	6.433	83	3951519	201.934	ug/L	#	69
48) Trichloroethene	6.438	95	2371738	197.130	ug/L		97
50) Dibromomethane	6.882	93	1145716	200.659	ug/L		97
51) 1,2-Dichloropropane	6.982	63	2964441	199.480	ug/L	#	93
52) 4-penten-2-ol	6.926	45	463119	1424.748	ug/L	#	1
53) 2-Chloroethyl vinyl ether	7.671	63	256445	169.673	ug/L		98
54) Bromodichloromethane	7.052	83	3105616	209.915	ug/L		98
57) 1,4-Dioxane	7.261	88	97066	2199.390	ug/L	#	80
58) cis-1,3-Dichloropropene	7.746	75	3681191	210.401	ug/L		98
61) Toluene	8.014	92	5926131	186.924	ug/L		98
62) 4-Methyl-2-pentanone	8.443	58	754041	217.061	ug/L	#	78
63) Tetrachloroethene	8.469	166	2327194	199.969	ug/L		100
65) trans-1,3-Dichloropropene	8.494	75	3057457	209.377	ug/L		99
66) 4-Methyl-2-pentanol	8.558	45	1782432	1174.713	ug/L	#	95
67) Ethyl methacrylate	8.678	69	2513788	211.655	ug/L		88
68) 1,1,2-Trichloroethane	8.683	83	1402886	193.007	ug/L		99
69) Chlorodibromomethane	8.901	129	2063152	214.822	ug/L		97
70) 1,3-Dichloropropane	9.012	76	2929168	195.210	ug/L		100
71) 1,2-Dibromoethane	9.180	107	1633178	206.413	ug/L		100
72) 2-Hexanone	9.450	43	1123296	218.693	ug/L	#	87

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2021\210824AICAL\
Data File : V01210824A12.D
Acq On : 24 Aug 2021 2:47 pm
Operator : VOA101:KJD
Sample : I8260STD200PPB
Misc : WG1538690
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 24 15:08:28 2021
Quant Method : I:\VOLATILES\VOA101\2021\210824AICAL\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 14:54:58 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210824AICAL\V01210824A08.D
Sub List : 8260-CurveAlc - All compounds listed

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
73)	Chlorobenzene	9.835	112	6125716	194.013	ug/L		99
74)	Ethylbenzene	9.868	91	11405076	197.598	ug/L		99
75)	1,1,1,2-Tetrachloroethane	9.916	131	2168708	208.896	ug/L		99
76)	p/m Xylene	10.058	106	8370729	386.066	ug/L		96
77)	o Xylene	10.585	106	7819767	395.877	ug/L		96
78)	Styrene	10.649	104	13309507	410.307	ug/L		98
80)	Bromoform	10.680	173	1106772	217.225	ug/L		99
82)	Isopropylbenzene	10.953	105	10643382	203.996	ug/L		96
84)	Bromobenzene	11.383	156	2147758	206.559	ug/L		99
85)	n-Propylbenzene	11.424	91	12186663	206.214	ug/L		97
86)	1,4-Dichlorobutane	11.438	55	3912174	198.618	ug/L		93
87)	1,1,2,2-Tetrachloroethane	11.505	83	1844441	204.064	ug/L		98
88)	4-Ethyltoluene	11.547	105	10038715	207.520	ug/L		96
89)	2-Chlorotoluene	11.589	91	7292304	205.769	ug/L		96
90)	1,3,5-Trimethylbenzene	11.642	105	8134365	206.939	ug/L		95
91)	1,2,3-Trichloropropane	11.645	75	1270740	190.574	ug/L		100
92)	trans-1,4-Dichloro-2-b...	11.689	53	600291	229.556	ug/L	#	80
93)	4-Chlorotoluene	11.770	91	7547460	206.872	ug/L		93
94)	tert-Butylbenzene	11.977	119	6610475	204.993	ug/L		97
97)	1,2,4-Trimethylbenzene	12.052	105	7953268	206.390	ug/L		96
98)	sec-Butylbenzene	12.163	105	9619615	204.406	ug/L		94
99)	p-Isopropyltoluene	12.314	119	7781939	208.550	ug/L		97
100)	1,3-Dichlorobenzene	12.384	146	4087619	204.824	ug/L		98
101)	1,4-Dichlorobenzene	12.476	146	4081548	198.800	ug/L		98
102)	p-Diethylbenzene	12.682	119	4358827	204.498	ug/L		95
103)	n-Butylbenzene	12.741	91	6527556	207.504	ug/L		98
104)	1,2-Dichlorobenzene	12.897	146	3563088	201.144	ug/L		98
105)	1,2,4,5-Tetramethylben...	13.469	119	6020376	218.396	ug/L		96
106)	1,2-Dibromo-3-chloropr...	13.667	155	217467	240.853	ug/L		100
107)	1,3,5-Trichlorobenzene	13.700	180	1965570	210.705	ug/L		97
108)	Hexachlorobutadiene	14.269	225	725570	221.219	ug/L		98
109)	1,2,4-Trichlorobenzene	14.294	180	1640687	217.178	ug/L		98
110)	Naphthalene	14.587	128	3694873	222.213	ug/L		100
111)	1,2,3-Trichlorobenzene	14.754	180	1238832	215.282	ug/L		98

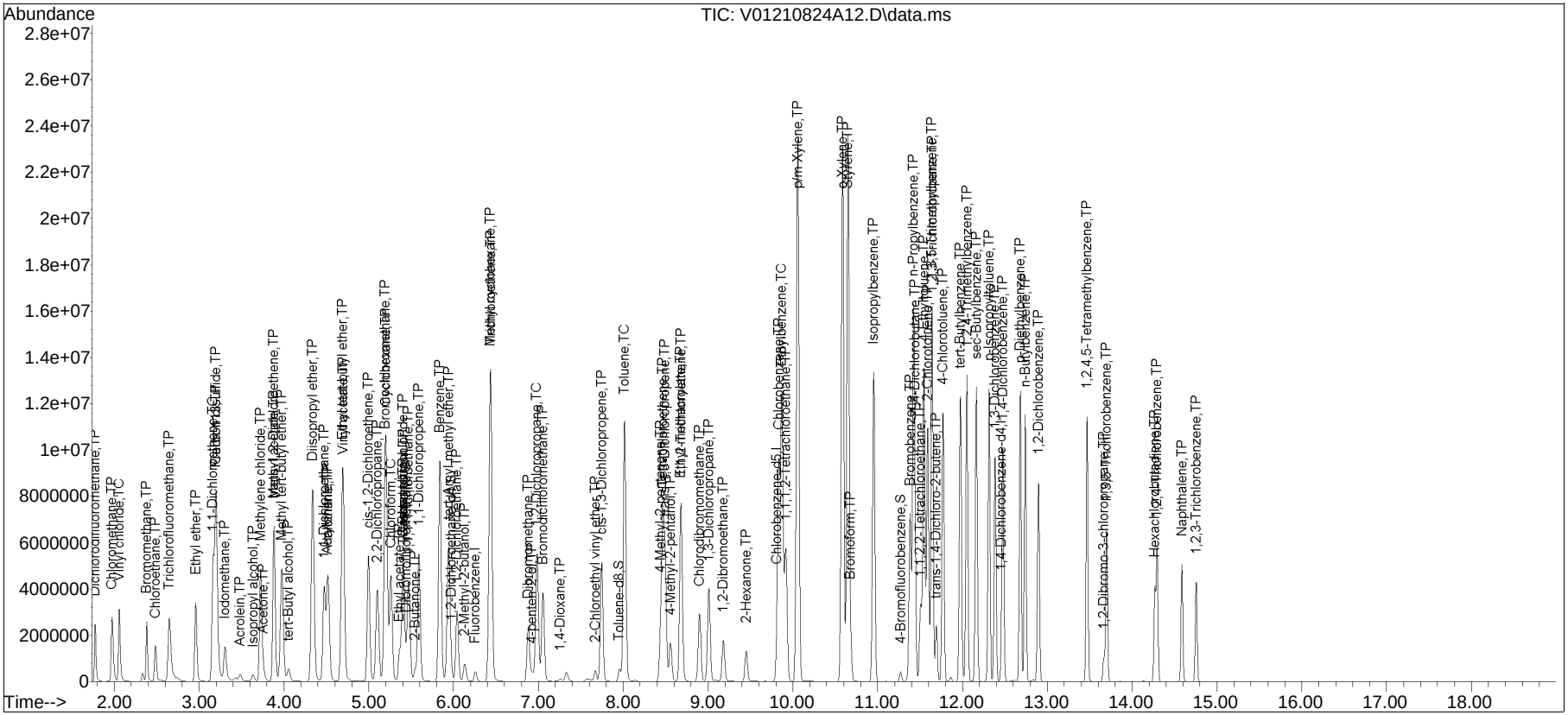
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2021\210824AICAL\
Data File : V01210824A12.D
Acq On : 24 Aug 2021 2:47 pm
Operator : VOA101:KJD
Sample : I8260STD200PPB
Misc : WG1538690
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 24 15:08:28 2021
Quant Method : I:\VOLATILES\VOA101\2021\210824AICAL\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 14:54:58 2021
Response via : Initial Calibration

Sub List : 8260-CurveAlc - All compounds listedICAL\V01210824A08.D•



Manual Integration Report

Data Path	: I:\VOLATILES\VOA101\2021\2Q	Method	: V101_210824A_8260.m
Data File	: V01210824A12.D	Operator	: VOA101:KJD
Date Inj'd	: 8/24/2021 2:47 pm	Instrument	: VOA 101
Sample	: I8260STD200PPB	Quant Date	: 8/24/2021 3:07 pm

There are no manual integrations or false positives in this file.

Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\VOA101\2021\210824AICAL\
Data File : V01210824A19.D
Acq On : 24 Aug 2021 5:33 pm
Operator : VOA101:KJD
Sample : C8260STD10PPB
Misc : WG1538690
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 24 18:02:20 2021
Quant Method : I:\VOLATILES\VOA101\2021\210824AICAL\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	89	0.00
2	TP	Dichlorodifluoromethane	0.239	0.152	36.4#	60	0.00
3	TP	Chloromethane	0.372	0.339	8.9	82	0.00
4	TC	Vinyl chloride	0.351	0.289	17.7	72	0.00
5	TP	Bromomethane	* 10.000	7.072	29.3#	72	0.00
6	TP	Chloroethane	0.193	0.188	2.6	87	0.00
7	TP	Trichlorofluoromethane	0.363	0.347	4.4	96	0.00
8	TP	Ethyl ether	0.137	0.132	3.6	85	0.00
10	TC	1,1-Dichloroethene	0.237	0.215	9.3	86	0.00
11	TP	Carbon disulfide	0.708	0.618	12.7	82	0.00
12	TP	Freon-113	0.251	0.248	1.2	97	0.00
13	TP	Iodomethane	0.204	0.096	52.9#	46#	0.00
14	TP	Acrolein	0.027	0.033#	-22.2#	109	0.00
15	TP	Methylene chloride	0.262	0.243	7.3	83	0.00
16	TP	Isopropyl alcohol	0.00860	0.00891#	-3.6	107	0.00
17	TP	Acetone	0.047	0.044#	6.4	89	0.00
18	TP	trans-1,2-Dichloroethene	0.260	0.245	5.8	84	0.00
19	TP	Methyl acetate	0.137	0.140	-2.2	94	0.00
20	TP	Methyl tert-butyl ether	0.613	0.535	12.7	77	0.00
21	TP	tert-Butyl alcohol	0.014	0.016#	-14.3	103	0.00
22	TP	Diisopropyl ether	1.080	1.022	5.4	85	0.00
23	TP	1,1-Dichloroethane	0.575	0.572	0.5	87	0.00
24	TP	Halothane	0.198	0.203	-2.5	96	0.00
25	TP	Acrylonitrile	0.079	0.078	1.3	91	0.00
26	TP	Ethyl tert-butyl ether	0.945	0.916	3.1	87	0.00
27	TP	Vinyl acetate	0.580	0.531	8.4	81	0.00
28	TP	cis-1,2-Dichloroethene	0.281	0.276	1.8	85	0.00
29	TP	2,2-Dichloropropane	0.357	0.307	14.0	80	0.00
30	TP	Bromochloromethane	0.110	0.117	-6.4	88	0.00
31	TP	Cyclohexane	0.667	0.687	-3.0	101	0.00
32	TC	Chloroform	0.449	0.449	0.0	87	0.00
33	TP	Ethyl acetate	0.204	0.211	-3.4	93	0.00
34	TP	Carbon tetrachloride	0.344	0.344	0.0	94	0.00
35	TP	Tetrahydrofuran	0.063	0.058	7.9	90	0.00
36	S	Dibromofluoromethane	0.243	0.236	2.9	87	0.00
37	TP	1,1,1-Trichloroethane	0.381	0.402	-5.5	98	0.00
38	TP	2-Butanol	* 50.000	55.974	-11.9	114	0.00
39	TP	2-Butanone	0.078	0.073#	6.4	88	0.00
40	TP	1,1-Dichloropropene	0.356	0.360	-1.1	93	0.00

Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\VOA101\2021\210824AICAL\
Data File : V01210824A19.D
Acq On : 24 Aug 2021 5:33 pm
Operator : VOA101:KJD
Sample : C8260STD10PPB
Misc : WG1538690
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 24 18:02:20 2021
Quant Method : I:\VOLATILES\VOA101\2021\210824AICAL\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41	TP	Benzene	1.054	1.050	0.4	86	0.00
42	TP	tert-Amyl methyl ether	0.616	0.592	3.9	84	0.00
43	S	1,2-Dichloroethane-d4	0.265	0.263	0.8	86	0.00
44	TP	1,2-Dichloroethane	0.329	0.324	1.5	84	0.00
46	TP	2-Methyl-2-butanol	0.013	0.014#	-7.7	106	0.00
47	TP	Methyl cyclohexane	0.443	0.442	0.2	95	0.00
48	TP	Trichloroethene	0.271	0.273	-0.7	91	0.00
50	TP	Dibromomethane	0.129	0.126	2.3	86	0.00
51	TC	1,2-Dichloropropane	0.336	0.333	0.9	90	0.00
52	TP	4-penten-2-ol	* 50.000	57.004	-14.0	111	0.00
53	TP	2-Chloroethyl vinyl ether	0.033	0.035#	-6.1	75	0.00
54	TP	Bromodichloromethane	0.337	0.322	4.5	88	0.00
57	TP	1,4-Dioxane	0.00101	0.00113#	-11.9	97	0.00
58	TP	cis-1,3-Dichloropropene	0.398	0.384	3.5	85	0.00
59	I	Chlorobenzene-d5	1.000	1.000	0.0	107	0.00
60	S	Toluene-d8	1.291	1.250	3.2	88	0.00
61	TC	Toluene	0.895	0.851	4.9	88	0.00
62	TP	4-Methyl-2-pentanone	0.100	0.096#	4.0	88	0.00
63	TP	Tetrachloroethene	0.332	0.332	0.0	95	0.00
65	TP	trans-1,3-Dichloropropene	0.419	0.403	3.8	87	0.00
66	TP	4-Methyl-2-pentanol	0.044	0.045#	-2.3	102	0.00
67	TP	Ethyl methacrylate	0.341	0.315	7.6	98	0.00
68	TP	1,1,2-Trichloroethane	0.206	0.207	-0.5	105	0.00
69	TP	Chlorodibromomethane	0.277	0.270	2.5	104	0.00
70	TP	1,3-Dichloropropane	0.426	0.419	1.6	104	0.00
71	TP	1,2-Dibromoethane	0.227	0.225	0.9	105	0.00
72	TP	2-Hexanone	0.148	0.152	-2.7	105	0.00
73	TP	Chlorobenzene	0.896	0.892	0.4	107	0.00
74	TC	Ethylbenzene	1.643	1.589	3.3	106	0.00
75	TP	1,1,1,2-Tetrachloroethane	0.298	0.286	4.0	102	0.00
76	TP	p/m Xylene	0.615	0.598	2.8	104	0.00
77	TP	o Xylene	0.562	0.579	-3.0	107	0.00
78	TP	Styrene	0.928	0.943	-1.6	105	0.00
79	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	95	0.00
80	TP	Bromoform	0.310	0.305	1.6	107	0.00
82	TP	Isopropylbenzene	3.148	3.059	2.8	105	0.00
83	S	4-Bromofluorobenzene	1.035	1.025	1.0	105	0.00

Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\VOA101\2021\210824AICAL\
Data File : V01210824A19.D
Acq On : 24 Aug 2021 5:33 pm
Operator : VOA101:KJD
Sample : C8260STD10PPB
Misc : WG1538690
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 24 18:02:20 2021
Quant Method : I:\VOLATILES\VOA101\2021\210824AICAL\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
84 TP	Bromobenzene	0.629	0.644	-2.4	105	0.00
85 TP	n-Propylbenzene	3.572	3.527	1.3	105	0.00
86 TP	1,4-Dichlorobutane	1.184	1.143	3.5	98	0.00
87 TP	1,1,2,2-Tetrachloroethane	0.545	0.546	-0.2	103	0.00
88 TP	4-Ethyltoluene	2.926	2.899	0.9	104	0.00
89 TP	2-Chlorotoluene	2.141	2.063	3.6	101	0.00
90 TP	1,3,5-Trimethylbenzene	2.377	2.298	3.3	101	0.00
91 TP	1,2,3-Trichloropropane	0.398	0.390	2.0	105	0.00
92 TP	trans-1,4-Dichloro-2-butene	0.161	0.138	14.3	90	0.00
93 TP	4-Chlorotoluene	2.206	2.125	3.7	100	0.00
94 TP	tert-Butylbenzene	1.947	1.873	3.8	100	0.00
97 TP	1,2,4-Trimethylbenzene	2.329	2.306	1.0	100	0.00
98 TP	sec-Butylbenzene	2.840	2.691	5.2	97	0.00
99 TP	p-Isopropyltoluene	2.259	2.170	3.9	95	0.00
100 TP	1,3-Dichlorobenzene	1.205	1.174	2.6	93	0.00
101 TP	1,4-Dichlorobenzene	1.234	1.174	4.9	91	0.00
102 TP	p-Diethylbenzene	1.287	1.161	9.8	87	0.00
103 TP	n-Butylbenzene	1.903	1.866	1.9	92	0.00
104 TP	1,2-Dichlorobenzene	1.067	1.044	2.2	90	0.00
105 TP	1,2,4,5-Tetramethylbenzene	1.680	1.619	3.6	90	0.00
106 TP	1,2-Dibromo-3-chloropropane	0.056	0.061	-8.9	97	0.00
107 TP	1,3,5-Trichlorobenzene	0.566	0.559	1.2	95	0.00
108 TP	Hexachlorobutadiene	0.200	0.188	6.0	94	0.00
109 TP	1,2,4-Trichlorobenzene	0.460	0.445	3.3	95	0.00
110 TP	Naphthalene	1.016	0.996	2.0	95	0.00
111 TP	1,2,3-Trichlorobenzene	0.350	0.330	5.7	95	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 10 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2021\210824AICAL\
Data File : V01210824A19.D
Acq On : 24 Aug 2021 5:33 pm
Operator : VOA101:KJD
Sample : C8260STD10PPB
Misc : WG1538690
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 24 18:02:20 2021
Quant Method : I:\VOLATILES\VOA101\2021\210824AICAL\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210824AICAL\V01210824A08.D
Sub List : 8260-CurveAlc - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.257	96	426516	10.000	ug/L	0.00
Standard Area 1 = 481117			Recovery = 88.65%			
59) Chlorobenzene-d5	9.810	117	333796	10.000	ug/L	0.00
Standard Area 1 = 312867			Recovery = 106.69%			
79) 1,4-Dichlorobenzene-d4	12.459	152	159969	10.000	ug/L	0.00
Standard Area 1 = 169266			Recovery = 94.51%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.443	113	100668	9.723	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.23%			
43) 1,2-Dichloroethane-d4	5.970	65	111964	9.890	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.90%			
60) Toluene-d8	7.953	98	417368	9.683	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.83%			
83) 4-Bromofluorobenzene	11.271	95	163983	9.905	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.05%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.776	85	64701	6.348	ug/L	99
3) Chloromethane	1.974	50	144701	9.131	ug/L	98
4) Vinyl chloride	2.060	62	123393	8.245	ug/L	99
5) Bromomethane	2.384	94	28375	7.072	ug/L	99
6) Chloroethane	2.512	64	80250	9.762	ug/L	95
7) Trichlorofluoromethane	2.657	101	148108	9.565	ug/L	100
8) Ethyl ether	2.964	74	56162	9.635	ug/L #	69
10) 1,1-Dichloroethene	3.167	96	91829	9.100	ug/L	81
11) Carbon disulfide	3.201	76	263634	8.725	ug/L	100
12) Freon-113	3.204	101	105960	9.898	ug/L	96
13) Iodomethane	3.307	142	41057	4.719	ug/L	96
14) Acrolein	3.488	56	13936	12.217	ug/L	95
15) Methylene chloride	3.731	84	103514	9.277	ug/L	82
16) Isopropyl alcohol	3.636	45	18991	51.771	ug/L #	87
17) Acetone	3.767	43	18645	9.332	ug/L #	88
18) trans-1,2-Dichloroethene	3.884	96	104407	9.432	ug/L	83
19) Methyl acetate	3.890	43	59543	10.174	ug/L #	88
20) Methyl tert-butyl ether	3.976	73	227994	8.723	ug/L #	89
21) tert-Butyl alcohol	4.060	59	35108	56.922	ug/L #	76
22) Diisopropyl ether	4.341	45	435743	9.460	ug/L	90
23) 1,1-Dichloroethane	4.475	63	244130	9.950	ug/L	97

Data Path : I:\VOLATILES\VOA101\2021\210824AICAL\
Data File : V01210824A19.D
Acq On : 24 Aug 2021 5:33 pm
Operator : VOA101:KJD
Sample : C8260STD10PPB
Misc : WG1538690
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 24 18:02:20 2021
Quant Method : I:\VOLATILES\VOA101\2021\210824AICAL\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210824AICAL\V01210824A08.D
Sub List : 8260-CurveAlc - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
24) Halothane	4.520	117	86674	10.267	ug/L		99
25) Acrylonitrile	4.517	53	33294	9.908	ug/L	#	86
26) Ethyl tert-butyl ether	4.690	59	390847	9.701	ug/L		88
27) Vinyl acetate	4.704	43	226507	9.156	ug/L		97
28) cis-1,2-Dichloroethene	4.999	96	117669	9.810	ug/L	#	84
29) 2,2-Dichloropropane	5.100	77	131029	8.598	ug/L		98
30) Bromochloromethane	5.192	128	49983	10.660	ug/L	#	76
31) Cyclohexane	5.206	56	293046	10.299	ug/L		78
32) Chloroform	5.262	83	191475	10.005	ug/L		99
33) Ethyl acetate	5.362	43	90027	10.359	ug/L	#	95
34) Carbon tetrachloride	5.404	117	146921	10.002	ug/L	#	94
35) Tetrahydrofuran	5.418	42	24946	9.281	ug/L		100
37) 1,1,1-Trichloroethane	5.468	97	171386	10.557	ug/L		96
38) 2-Butanol	5.409	45	25567	55.974	ug/L	#	85
39) 2-Butanone	5.554	43	31179	9.384	ug/L	#	44
40) 1,1-Dichloropropene	5.593	75	153665	10.134	ug/L		98
41) Benzene	5.842	78	447920	9.964	ug/L		93
42) tert-Amyl methyl ether	5.942	73	252593	9.614	ug/L	#	90
44) 1,2-Dichloroethane	6.045	62	138239	9.849	ug/L		97
46) 2-Methyl-2-butanol	6.134	59	30477	55.950	ug/L	#	75
47) Methyl cyclohexane	6.430	83	188515	9.978	ug/L	#	72
48) Trichloroethene	6.438	95	116640	10.073	ug/L		98
50) Dibromomethane	6.885	93	53731	9.756	ug/L		95
51) 1,2-Dichloropropane	6.982	63	141865	9.905	ug/L	#	93
52) 4-penten-2-ol	6.929	45	15843	57.004	ug/L	#	1
53) 2-Chloroethyl vinyl ether	7.677	63	15009	10.567	ug/L	#	69
54) Bromodichloromethane	7.055	83	137448	9.568	ug/L		99
57) 1,4-Dioxane	7.264	88	24184	560.386	ug/L	#	76
58) cis-1,3-Dichloropropene	7.746	75	163911	9.645	ug/L		99
61) Toluene	8.017	92	284161	9.508	ug/L		98
62) 4-Methyl-2-pentanone	8.441	58	32119	9.600	ug/L	#	83
63) Tetrachloroethene	8.466	166	110790	10.005	ug/L		99
65) trans-1,3-Dichloropropene	8.496	75	134568	9.620	ug/L		96
66) 4-Methyl-2-pentanol	8.561	45	75205	50.819	ug/L		95
67) Ethyl methacrylate	8.680	69	105133	9.226	ug/L		96
68) 1,1,2-Trichloroethane	8.680	83	69038	10.032	ug/L		98
69) Chlorodibromomethane	8.901	129	90204	9.767	ug/L		95
70) 1,3-Dichloropropane	9.010	76	139746	9.821	ug/L		100
71) 1,2-Dibromoethane	9.182	107	75137	9.934	ug/L		99
72) 2-Hexanone	9.456	43	50702	10.237	ug/L		89

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2021\210824AICAL\
Data File : V01210824A19.D
Acq On : 24 Aug 2021 5:33 pm
Operator : VOA101:KJD
Sample : C8260STD10PPB
Misc : WG1538690
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 24 18:02:20 2021
Quant Method : I:\VOLATILES\VOA101\2021\210824AICAL\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210824AICAL\V01210824A08.D
Sub List : 8260-CurveAlc - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
73) Chlorobenzene	9.829	112	297682	9.951	ug/L		99
74) Ethylbenzene	9.866	91	530486	9.675	ug/L		100
75) 1,1,1,2-Tetrachloroethane	9.913	131	95484	9.605	ug/L		98
76) p/m Xylene	10.050	106	399082	19.440	ug/L		99
77) o Xylene	10.580	106	386640	20.601	ug/L		99
78) Styrene	10.644	104	629549	20.321	ug/L		99
80) Bromoform	10.672	173	48819	9.834	ug/L		97
82) Isopropylbenzene	10.950	105	489396	9.718	ug/L		97
84) Bromobenzene	11.380	156	103037	10.248	ug/L		98
85) n-Propylbenzene	11.416	91	564178	9.875	ug/L		97
86) 1,4-Dichlorobutane	11.436	55	182840	9.654	ug/L		94
87) 1,1,2,2-Tetrachloroethane	11.500	83	87273	10.003	ug/L		99
88) 4-Ethyltoluene	11.539	105	463740	9.907	ug/L		97
89) 2-Chlorotoluene	11.586	91	330018	9.635	ug/L		97
90) 1,3,5-Trimethylbenzene	11.636	105	367552	9.667	ug/L		98
91) 1,2,3-Trichloropropane	11.639	75	62392	9.788	ug/L		99
92) trans-1,4-Dichloro-2-b...	11.689	53	22005	8.562	ug/L	#	73
93) 4-Chlorotoluene	11.765	91	340005	9.635	ug/L		94
94) tert-Butylbenzene	11.971	119	299550	9.617	ug/L		99
97) 1,2,4-Trimethylbenzene	12.049	105	368946	9.902	ug/L		97
98) sec-Butylbenzene	12.161	105	430546	9.475	ug/L		96
99) p-Isopropyltoluene	12.308	119	347104	9.606	ug/L		97
100) 1,3-Dichlorobenzene	12.384	146	187830	9.745	ug/L		98
101) 1,4-Dichlorobenzene	12.473	146	187788	9.511	ug/L		98
102) p-Diethylbenzene	12.679	119	185790	9.027	ug/L		95
103) n-Butylbenzene	12.735	91	298447	9.804	ug/L		98
104) 1,2-Dichlorobenzene	12.891	146	166941	9.783	ug/L		98
105) 1,2,4,5-Tetramethylben...	13.466	119	259006	9.635	ug/L		96
106) 1,2-Dibromo-3-chloropr...	13.664	155	9698	10.843	ug/L		97
107) 1,3,5-Trichlorobenzene	13.697	180	89398	9.881	ug/L		97
108) Hexachlorobutadiene	14.266	225	30151	9.408	ug/L		98
109) 1,2,4-Trichlorobenzene	14.291	180	71257	9.681	ug/L		98
110) Naphthalene	14.587	128	159369	9.803	ug/L		100
111) 1,2,3-Trichlorobenzene	14.751	180	52734	9.418	ug/L		96

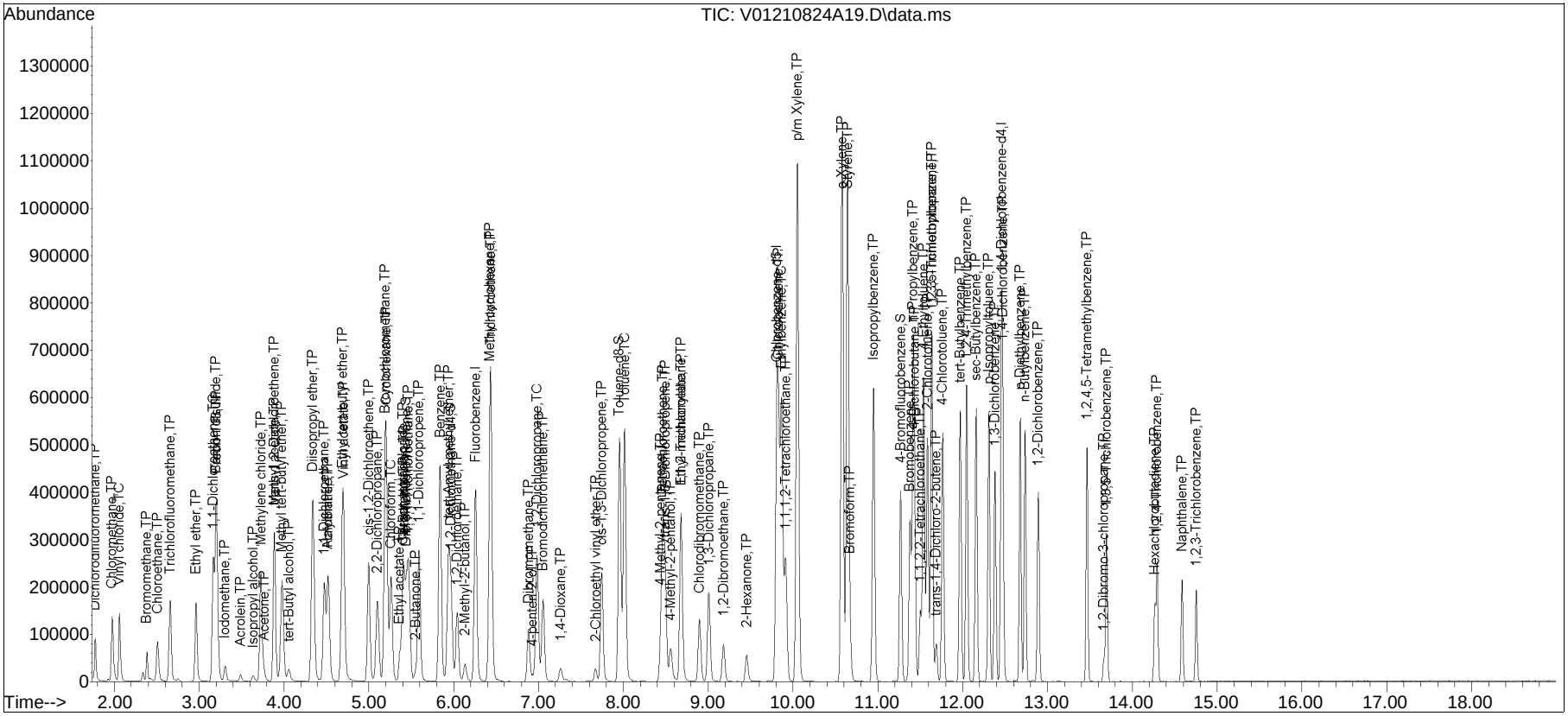
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2021\210824AICAL\
Data File : V01210824A19.D
Acq On : 24 Aug 2021 5:33 pm
Operator : VOA101:KJD
Sample : C8260STD10PPB
Misc : WG1538690
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 24 18:02:20 2021
Quant Method : I:\VOLATILES\VOA101\2021\210824AICAL\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

Sub List : 8260-CurveAlc - All compounds listedICAL\V01210824A08.D•



Manual Integration Report

Data Path	: I:\VOLATILES\VOA101\2021\2Q	Method	: V101_210824A_8260.m
Data File	: V01210824A19.D	Operator	: VOA101:KJD
Date Inj'd	: 8/24/2021 5:33 pm	Instrument	: VOA 101
Sample	: C8260STD10PPB	Quant Date	: 8/24/2021 6:02 pm

There are no manual integrations or false positives in this file.

V101_210824A_8260_coeff

Correlation Data Summary

Method Path: I:\VOLATILES\VOA101\2021\210824AICAL\
Method File: V101_210824A_8260.m
Method Title: VOLATILES BY GC/MS
Last Update: Tue Aug 24 15:36:35 2021

Analyte	Curve fit Type	Coefficient of Determination	Quadratic Term	Linear Term	Constant Term
Bromomethan	Quadratic	0.999345	0.004531	0.090689	0.000129
2-Butanol	Quadratic	0.998607	4E-05	0.009396	0.006081
4-penten-2-ol	Quadratic	0.998928	4.3E-05	0.006253	9.5E-05

Continuing Calibration

Calibration Verification Summary
Form 7
Volatiles

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182		
Project Name	: GROSSINGERS	**Project Number**	: 9313:11		
Instrument ID	: VOA101	**Calibration Date**	: 09/11/21 10:01		
Lab File ID	: V01210911A02	**Init. Calib. Date(s)**	: 08/24/21	08/24/21	
Sample No	: WG1545693-2	**Init. Calib. Times**	: 11:15	14:47	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	80	0
Dichlorodifluoromethane	0.239	0.236	-	1.3	20	84	0
Chloromethane	0.372	0.341	-	8.3	20	74	0
Vinyl chloride	0.351	0.349	-	0.6	20	79	0
Bromomethane	10	9.987	-	0.1	20	92	0
Chloroethane	0.193	0.199	-	-3.1	20	83	0
Trichlorofluoromethane	0.363	0.37	-	-1.9	20	92	0
Ethyl ether	0.137	0.107	-	21.9*	20	62	0
1,1-Dichloroethene	0.237	0.233	-	1.7	20	83	0
Carbon disulfide	0.708	0.662	-	6.5	20	79	0
Methylene chloride	0.262	0.246	-	6.1	20	76	0
Acetone	0.047	0.038*	-	19.1	20	71	0
trans-1,2-Dichloroethene	0.26	0.257	-	1.2	20	80	0
Methyl tert-butyl ether	0.613	0.452	-	26.3*	20	59	0
1,1-Dichloroethane	0.575	0.562	-	2.3	20	77	0
Acrylonitrile	0.079	0.054	-	31.6*	20	57	0
Vinyl acetate	0.58	0.473	-	18.4	20	65	0
cis-1,2-Dichloroethene	0.281	0.273	-	2.8	20	76	0
2,2-Dichloropropane	0.357	0.388	-	-8.7	20	91	0
Bromochloromethane	0.11	0.106	-	3.6	20	72	0
Chloroform	0.449	0.445	-	0.9	20	78	0
Carbon tetrachloride	0.344	0.346	-	-0.6	20	85	0
Dibromofluoromethane	0.243	0.248	-	-2.1	20	82	0
1,1,1-Trichloroethane	0.381	0.399	-	-4.7	20	88	0
2-Butanone	0.078	0.056*	-	28.2*	20	61	0
1,1-Dichloropropene	0.356	0.35	-	1.7	20	81	0
Benzene	1.054	1.023	-	2.9	20	75	0
1,2-Dichloroethane-d4	0.265	0.263	-	0.8	20	78	0
1,2-Dichloroethane	0.329	0.291	-	11.6	20	68	0
Trichloroethene	0.271	0.265	-	2.2	20	80	0
Dibromomethane	0.129	0.111	-	14	20	69	0
1,2-Dichloropropane	0.336	0.307	-	8.6	20	75	0
Bromodichloromethane	0.337	0.308	-	8.6	20	76	0
1,4-Dioxane	0.00101	0.00093*	-	7.9	20	71	0
cis-1,3-Dichloropropene	0.398	0.351	-	11.8	20	70	0
Chlorobenzene-d5	1	1	-	0	20	90	0
Toluene-d8	1.291	1.311	-	-1.5	20	78	0
Toluene	0.895	0.857	-	4.2	20	75	0
4-Methyl-2-pentanone	0.1	0.073*	-	27*	20	57	0
Tetrachloroethene	0.332	0.339	-	-2.1	20	82	0
trans-1,3-Dichloropropene	0.419	0.364	-	13.1	20	66	0
Ethyl methacrylate	0.341	0.245	-	28.2*	20	65	0
1,1,2-Trichloroethane	0.206	0.181	-	12.1	20	78	0

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Volatiles

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182		
Project Name	: GROSSINGERS	**Project Number**	: 9313:11		
Instrument ID	: VOA101	**Calibration Date**	: 09/11/21 10:01		
Lab File ID	: V01210911A02	**Init. Calib. Date(s)**	: 08/24/21	08/24/21	
Sample No	: WG1545693-2	**Init. Calib. Times**	: 11:15	14:47	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Chlorodibromomethane	0.277	0.25	-	9.7	20	81	0
1,3-Dichloropropane	0.426	0.377	-	11.5	20	79	0
1,2-Dibromoethane	0.227	0.2	-	11.9	20	79	0
2-Hexanone	0.148	0.113	-	23.6*	20	66	0
Chlorobenzene	0.896	0.871	-	2.8	20	89	0
Ethylbenzene	1.643	1.618	-	1.5	20	91	0
1,1,1,2-Tetrachloroethane	0.298	0.294	-	1.3	20	89	0
p/m Xylene	0.615	0.604	-	1.8	20	89	0
o Xylene	0.562	0.554	-	1.4	20	87	0
Styrene	0.928	0.894	-	3.7	20	84	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	70	0
Bromoform	0.31	0.284	-	8.4	20	73	0
Isopropylbenzene	3.148	3.428	-	-8.9	20	87	0
4-Bromofluorobenzene	1.035	1.132	-	-9.4	20	86	0
Bromobenzene	0.629	0.712	-	-13.2	20	85	0
n-Propylbenzene	3.572	3.916	-	-9.6	20	86	0
1,4-Dichlorobutane	1.184	1.114	-	5.9	20	70	0
1,1,2,2-Tetrachloroethane	0.545	0.483	-	11.4	20	67	0
4-Ethyltoluene	2.926	3.099	-	-5.9	20	82	0
2-Chlorotoluene	2.141	2.361	-	-10.3	20	85	0
1,3,5-Trimethylbenzene	2.377	2.576	-	-8.4	20	84	0
1,2,3-Trichloropropane	0.398	0.347	-	12.8	20	69	0
trans-1,4-Dichloro-2-buten	0.161	0.092	-	42.9*	20	44	0
4-Chlorotoluene	2.206	2.388	-	-8.3	20	83	0
tert-Butylbenzene	1.947	2.071	-	-6.4	20	82	0
1,2,4-Trimethylbenzene	2.329	2.478	-	-6.4	20	79	0
sec-Butylbenzene	2.84	2.971	-	-4.6	20	79	0
p-Isopropyltoluene	2.259	2.427	-	-7.4	20	79	0
1,3-Dichlorobenzene	1.205	1.224	-	-1.6	20	72	0
1,4-Dichlorobenzene	1.234	1.235	-	-0.1	20	71	0
p-Diethylbenzene	1.287	1.306	-	-1.5	20	72	0
n-Butylbenzene	1.903	2.012	-	-5.7	20	73	0
1,2-Dichlorobenzene	1.067	1.028	-	3.7	20	66	0
1,2,4,5-Tetramethylbenzene	1.68	1.714	-	-2	20	71	0
1,2-Dibromo-3-chloropropan	0.056	0.047*	-	16.1	20	55	0
Hexachlorobutadiene	0.2	0.234	-	-17	20	87	0
1,2,4-Trichlorobenzene	0.46	0.401	-	12.8	20	63	0
Naphthalene	1.016	0.72	-	29.1*	20	51	0
1,2,3-Trichlorobenzene	0.35	0.265	-	24.3*	20	57	0

*** Value outside of QC limits.**

Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A02.D
Acq On : 11 Sep 2021 10:01 am
Operator : VOA101:LAC
Sample : WG1545693-2
Misc : WG1545693,ICAL18254
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 11 10:36:01 2021
Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	80	0.00
2	TP	Dichlorodifluoromethane	0.239	0.236	1.3	84	0.00
3	TP	Chloromethane	0.372	0.341	8.3	74	0.00
4	TC	Vinyl chloride	0.351	0.349	0.6	79	0.00
5	TP	Bromomethane	* 10.000	9.987	0.1	92	0.00
6	TP	Chloroethane	0.193	0.199	-3.1	83	0.00
7	TP	Trichlorofluoromethane	0.363	0.370	-1.9	92	0.00
8	TP	Ethyl ether	0.137	0.107	21.9#	62	0.00
10	TC	1,1-Dichloroethene	0.237	0.233	1.7	83	0.00
11	TP	Carbon disulfide	0.708	0.662	6.5	79	0.00
15	TP	Methylene chloride	0.262	0.246	6.1	76	0.00
17	TP	Acetone	0.047	0.038#	19.1	71	0.00
18	TP	trans-1,2-Dichloroethene	0.260	0.257	1.2	80	0.00
20	TP	Methyl tert-butyl ether	0.613	0.452	26.3#	59	0.00
23	TP	1,1-Dichloroethane	0.575	0.562	2.3	77	0.00
25	TP	Acrylonitrile	0.079	0.054	31.6#	57	0.00
27	TP	Vinyl acetate	0.580	0.473	18.4	65	0.00
28	TP	cis-1,2-Dichloroethene	0.281	0.273	2.8	76	0.00
29	TP	2,2-Dichloropropane	0.357	0.388	-8.7	91	0.00
30	TP	Bromochloromethane	0.110	0.106	3.6	72	0.00
32	TC	Chloroform	0.449	0.445	0.9	78	0.00
34	TP	Carbon tetrachloride	0.344	0.346	-0.6	85	0.00
36	S	Dibromofluoromethane	0.243	0.248	-2.1	82	0.00
37	TP	1,1,1-Trichloroethane	0.381	0.399	-4.7	88	0.00
39	TP	2-Butanone	0.078	0.056#	28.2#	61	0.00
40	TP	1,1-Dichloropropene	0.356	0.350	1.7	81	0.00
41	TP	Benzene	1.054	1.023	2.9	75	0.00
43	S	1,2-Dichloroethane-d4	0.265	0.263	0.8	78	0.00
44	TP	1,2-Dichloroethane	0.329	0.291	11.6	68	0.00
48	TP	Trichloroethene	0.271	0.265	2.2	80	0.00
50	TP	Dibromomethane	0.129	0.111	14.0	69	0.00
51	TC	1,2-Dichloropropane	0.336	0.307	8.6	75	0.00
54	TP	Bromodichloromethane	0.337	0.308	8.6	76	0.00
57	TP	1,4-Dioxane	0.00101	0.00093#	7.9	71	0.00
58	TP	cis-1,3-Dichloropropene	0.398	0.351	11.8	70	0.00
59	I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
60	S	Toluene-d8	1.291	1.311	-1.5	78	0.00
61	TC	Toluene	0.895	0.857	4.2	75	0.00

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A02.D
Acq On : 11 Sep 2021 10:01 am
Operator : VOA101:LAC
Sample : WG1545693-2
Misc : WG1545693,ICAL18254
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 11 10:36:01 2021
Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
62	TP	4-Methyl-2-pentanone	0.100	0.073#	27.0#	57	0.00
63	TP	Tetrachloroethene	0.332	0.339	-2.1	82	0.00
65	TP	trans-1,3-Dichloropropene	0.419	0.364	13.1	66	0.00
67	TP	Ethyl methacrylate	0.341	0.245	28.2#	65	0.00
68	TP	1,1,2-Trichloroethane	0.206	0.181	12.1	78	0.00
69	TP	Chlorodibromomethane	0.277	0.250	9.7	81	0.00
70	TP	1,3-Dichloropropane	0.426	0.377	11.5	79	0.00
71	TP	1,2-Dibromoethane	0.227	0.200	11.9	79	0.00
72	TP	2-Hexanone	0.148	0.113	23.6#	66	0.00
73	TP	Chlorobenzene	0.896	0.871	2.8	89	0.00
74	TC	Ethylbenzene	1.643	1.618	1.5	91	0.00
75	TP	1,1,1,2-Tetrachloroethane	0.298	0.294	1.3	89	0.00
76	TP	p/m Xylene	0.615	0.604	1.8	89	0.00
77	TP	o Xylene	0.562	0.554	1.4	87	0.00
78	TP	Styrene	0.928	0.894	3.7	84	0.00
79	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	70	0.00
80	TP	Bromoform	0.310	0.284	8.4	73	0.00
82	TP	Isopropylbenzene	3.148	3.428	-8.9	87	0.00
83	S	4-Bromofluorobenzene	1.035	1.132	-9.4	86	0.00
84	TP	Bromobenzene	0.629	0.712	-13.2	85	0.00
85	TP	n-Propylbenzene	3.572	3.916	-9.6	86	0.00
86	TP	1,4-Dichlorobutane	1.184	1.114	5.9	70	0.00
87	TP	1,1,2,2-Tetrachloroethane	0.545	0.483	11.4	67	0.00
88	TP	4-Ethyltoluene	2.926	3.099	-5.9	82	0.00
89	TP	2-Chlorotoluene	2.141	2.361	-10.3	85	0.00
90	TP	1,3,5-Trimethylbenzene	2.377	2.576	-8.4	84	0.00
91	TP	1,2,3-Trichloropropane	0.398	0.347	12.8	69	0.00
92	TP	trans-1,4-Dichloro-2-butene	0.161	0.092	42.9#	44#	0.00
93	TP	4-Chlorotoluene	2.206	2.388	-8.3	83	0.00
94	TP	tert-Butylbenzene	1.947	2.071	-6.4	82	0.00
97	TP	1,2,4-Trimethylbenzene	2.329	2.478	-6.4	79	0.00
98	TP	sec-Butylbenzene	2.840	2.971	-4.6	79	0.00
99	TP	p-Isopropyltoluene	2.259	2.427	-7.4	79	0.00
100	TP	1,3-Dichlorobenzene	1.205	1.224	-1.6	72	0.00
101	TP	1,4-Dichlorobenzene	1.234	1.235	-0.1	71	0.00
102	TP	p-Diethylbenzene	1.287	1.306	-1.5	72	0.00
103	TP	n-Butylbenzene	1.903	2.012	-5.7	73	0.00
104	TP	1,2-Dichlorobenzene	1.067	1.028	3.7	66	0.00

Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A02.D
Acq On : 11 Sep 2021 10:01 am
Operator : VOA101:LAC
Sample : WG1545693-2
Misc : WG1545693,ICAL18254
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 11 10:36:01 2021
Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
105 TP	1,2,4,5-Tetramethylbenzene	1.680	1.714	-2.0	71	0.00
106 TP	1,2-Dibromo-3-chloropropane	0.056	0.047#	16.1	55	0.00
108 TP	Hexachlorobutadiene	0.200	0.234	-17.0	87	0.00
109 TP	1,2,4-Trichlorobenzene	0.460	0.401	12.8	63	0.00
110 TP	Naphthalene	1.016	0.720	29.1#	51	0.00
111 TP	1,2,3-Trichlorobenzene	0.350	0.265	24.3#	57	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 5 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A02.D
Acq On : 11 Sep 2021 10:01 am
Operator : VOA101:LAC
Sample : WG1545693-2
Misc : WG1545693,ICAL18254
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 11 10:36:01 2021
Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210911A\V01210911A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.252	96	384751	10.000	ug/L	0.00
Standard Area 1 = 384751			Recovery = 100.00%			
59) Chlorobenzene-d5	9.807	117	282294	10.000	ug/L	0.00
Standard Area 1 = 282294			Recovery = 100.00%			
79) 1,4-Dichlorobenzene-d4	12.454	152	118126	10.000	ug/L	0.00
Standard Area 1 = 118126			Recovery = 100.00%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.437	113	95226	10.195	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.95%			
43) 1,2-Dichloroethane-d4	5.970	65	101158	9.906	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.06%			
60) Toluene-d8	7.953	98	369980	10.149	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.49%			
83) 4-Bromofluorobenzene	11.263	95	133682	10.935	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 109.35%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.776	85	90928	9.889	ug/L	99
3) Chloromethane	1.977	50	131277	9.183	ug/L	99
4) Vinyl chloride	2.063	62	134228	9.943	ug/L	98
5) Bromomethane	2.389	94	36637	9.987	ug/L	99
6) Chloroethane	2.518	64	76695	10.342	ug/L	95
7) Trichlorofluoromethane	2.663	101	142438	10.197	ug/L	99
8) Ethyl ether	2.967	74	41167	7.829	ug/L #	67
10) 1,1-Dichloroethene	3.167	96	89557	9.839	ug/L	83
11) Carbon disulfide	3.201	76	254829	9.349	ug/L	100
15) Methylene chloride	3.728	84	94553	9.394	ug/L	81
17) Acetone	3.767	43	14748	8.183	ug/L	93
18) trans-1,2-Dichloroethene	3.887	96	98926	9.907	ug/L	84
20) Methyl tert-butyl ether	3.973	73	173948	7.377	ug/L #	90
23) 1,1-Dichloroethane	4.475	63	216385	9.777	ug/L	97
25) Acrylonitrile	4.517	53	20857	6.881	ug/L	94
27) Vinyl acetate	4.707	43	181971	8.154	ug/L #	95
28) cis-1,2-Dichloroethene	5.000	96	105091	9.713	ug/L #	82
29) 2,2-Dichloropropane	5.100	77	149414	10.868	ug/L	99
30) Bromochloromethane	5.192	128	40871	9.663	ug/L #	73
32) Chloroform	5.264	83	171232	9.919	ug/L	99
34) Carbon tetrachloride	5.404	117	133001	10.037	ug/L	99

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A02.D
Acq On : 11 Sep 2021 10:01 am
Operator : VOA101:LAC
Sample : WG1545693-2
Misc : WG1545693,ICAL18254
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 11 10:36:01 2021
Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210911A\V01210911A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
37) 1,1,1-Trichloroethane	5.468	97	153476	10.480	ug/L		98
39) 2-Butanone	5.552	43	21469	7.163	ug/L	#	40
40) 1,1-Dichloropropene	5.594	75	134609	9.841	ug/L		98
41) Benzene	5.839	78	393651	9.708	ug/L	#	92
44) 1,2-Dichloroethane	6.040	62	112024	8.847	ug/L		99
48) Trichloroethene	6.436	95	102081	9.773	ug/L		97
50) Dibromomethane	6.874	93	42812	8.617	ug/L		96
51) 1,2-Dichloropropane	6.977	63	118158	9.145	ug/L	#	93
54) Bromodichloromethane	7.055	83	118642	9.156	ug/L		100
57) 1,4-Dioxane	7.261	88	17868	458.977	ug/L	#	64
58) cis-1,3-Dichloropropene	7.741	75	135135	8.815	ug/L		98
61) Toluene	8.011	92	242031	9.576	ug/L		100
62) 4-Methyl-2-pentanone	8.444	58	20720	7.323	ug/L	#	81
63) Tetrachloroethene	8.460	166	95608	10.209	ug/L		98
65) trans-1,3-Dichloropropene	8.494	75	102712	8.682	ug/L		99
67) Ethyl methacrylate	8.672	69	69143	7.175	ug/L		98
68) 1,1,2-Trichloroethane	8.681	83	50955	8.755	ug/L		98
69) Chlorodibromomethane	8.893	129	70687	9.050	ug/L		98
70) 1,3-Dichloropropane	9.004	76	106420	8.843	ug/L		100
71) 1,2-Dibromoethane	9.174	107	56452	8.826	ug/L		96
72) 2-Hexanone	9.453	43	31961	7.630	ug/L		90
73) Chlorobenzene	9.824	112	245934	9.721	ug/L		98
74) Ethylbenzene	9.860	91	456878	9.853	ug/L		99
75) 1,1,1,2-Tetrachloroethane	9.908	131	83100	9.884	ug/L		99
76) p/m Xylene	10.047	106	340854	19.633	ug/L		99
77) o Xylene	10.574	106	312906	19.714	ug/L		97
78) Styrene	10.641	104	504510	19.256	ug/L		99
80) Bromoform	10.666	173	33527	9.146	ug/L		98
82) Isopropylbenzene	10.945	105	404890	10.888	ug/L		97
84) Bromobenzene	11.380	156	84089	11.326	ug/L		98
85) n-Propylbenzene	11.413	91	462583	10.965	ug/L		98
86) 1,4-Dichlorobutane	11.433	55	131596	9.409	ug/L		94
87) 1,1,2,2-Tetrachloroethane	11.497	83	56997	8.847	ug/L		98
88) 4-Ethyltoluene	11.536	105	366079	10.591	ug/L		97
89) 2-Chlorotoluene	11.578	91	278953	11.029	ug/L		96
90) 1,3,5-Trimethylbenzene	11.634	105	304259	10.837	ug/L		96
91) 1,2,3-Trichloropropane	11.637	75	40984	8.707	ug/L		99
92) trans-1,4-Dichloro-2-b...	11.684	53	10908	5.748	ug/L	#	72
93) 4-Chlorotoluene	11.762	91	282115	10.827	ug/L		95
94) tert-Butylbenzene	11.966	119	244691	10.638	ug/L		97

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A02.D
Acq On : 11 Sep 2021 10:01 am
Operator : VOA101:LAC
Sample : WG1545693-2
Misc : WG1545693,ICAL18254
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 11 10:36:01 2021
Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210911A\V01210911A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	12.046	105	292707	10.639	ug/L	97
98) sec-Butylbenzene	12.155	105	350923	10.459	ug/L	95
99) p-Isopropyltoluene	12.306	119	286675	10.744	ug/L	98
100) 1,3-Dichlorobenzene	12.381	146	144600	10.160	ug/L	99
101) 1,4-Dichlorobenzene	12.468	146	145846	10.004	ug/L	98
102) p-Diethylbenzene	12.674	119	154249	10.149	ug/L	95
103) n-Butylbenzene	12.732	91	237673	10.574	ug/L	97
104) 1,2-Dichlorobenzene	12.891	146	121397	9.634	ug/L	98
105) 1,2,4,5-Tetramethylben...	13.460	119	202471	10.200	ug/L	96
106) 1,2-Dibromo-3-chloropr...	13.661	155	5500	8.328	ug/L	99
108) Hexachlorobutadiene	14.263	225	27676	11.695	ug/L	97
109) 1,2,4-Trichlorobenzene	14.289	180	47408	8.722	ug/L	97
110) Naphthalene	14.581	128	85014	7.081	ug/L	100
111) 1,2,3-Trichlorobenzene	14.749	180	31317	7.574	ug/L	99

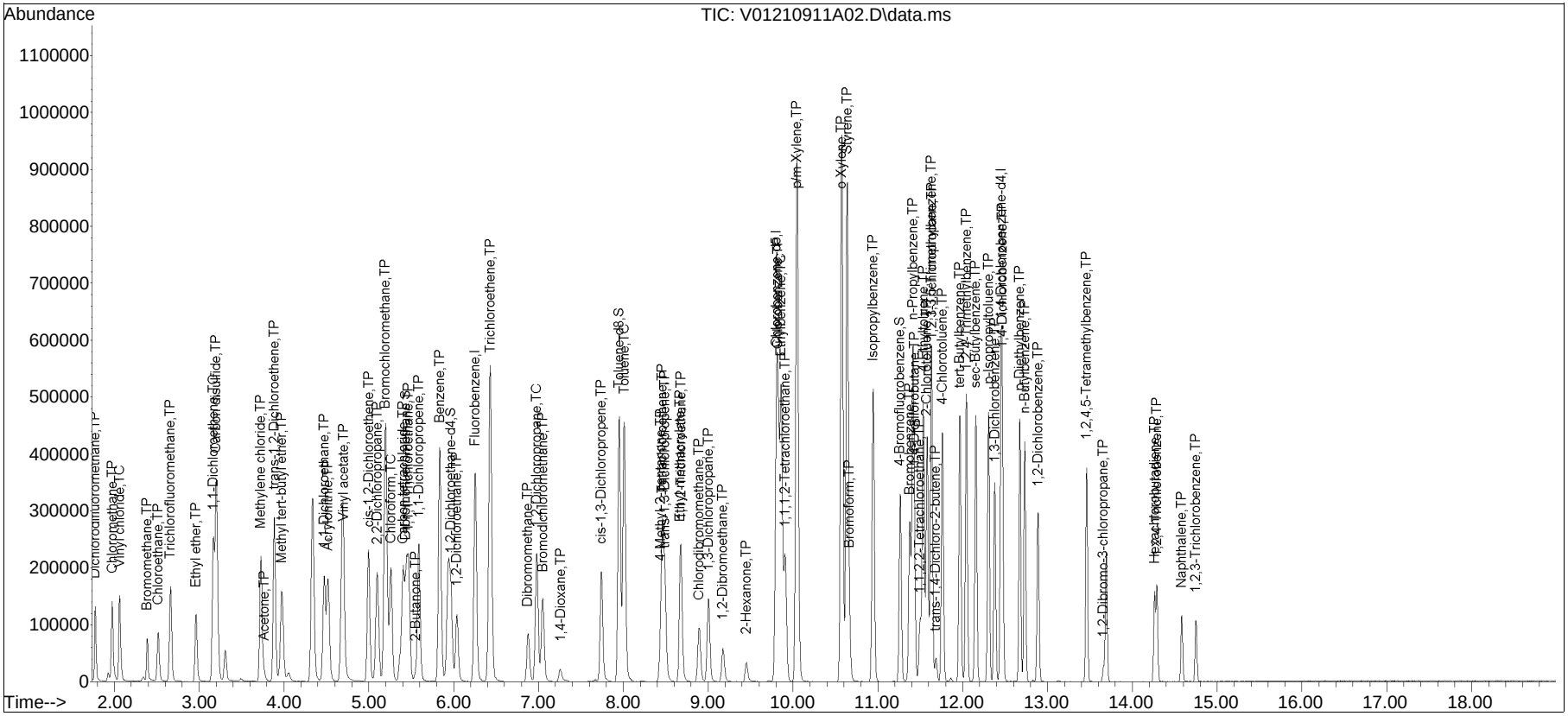
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A02.D
Acq On : 11 Sep 2021 10:01 am
Operator : VOA101:LAC
Sample : WG1545693-2
Misc : WG1545693,ICAL18254
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 11 10:36:01 2021
Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox10911A\V01210911A02.D•



Manual Integration Report

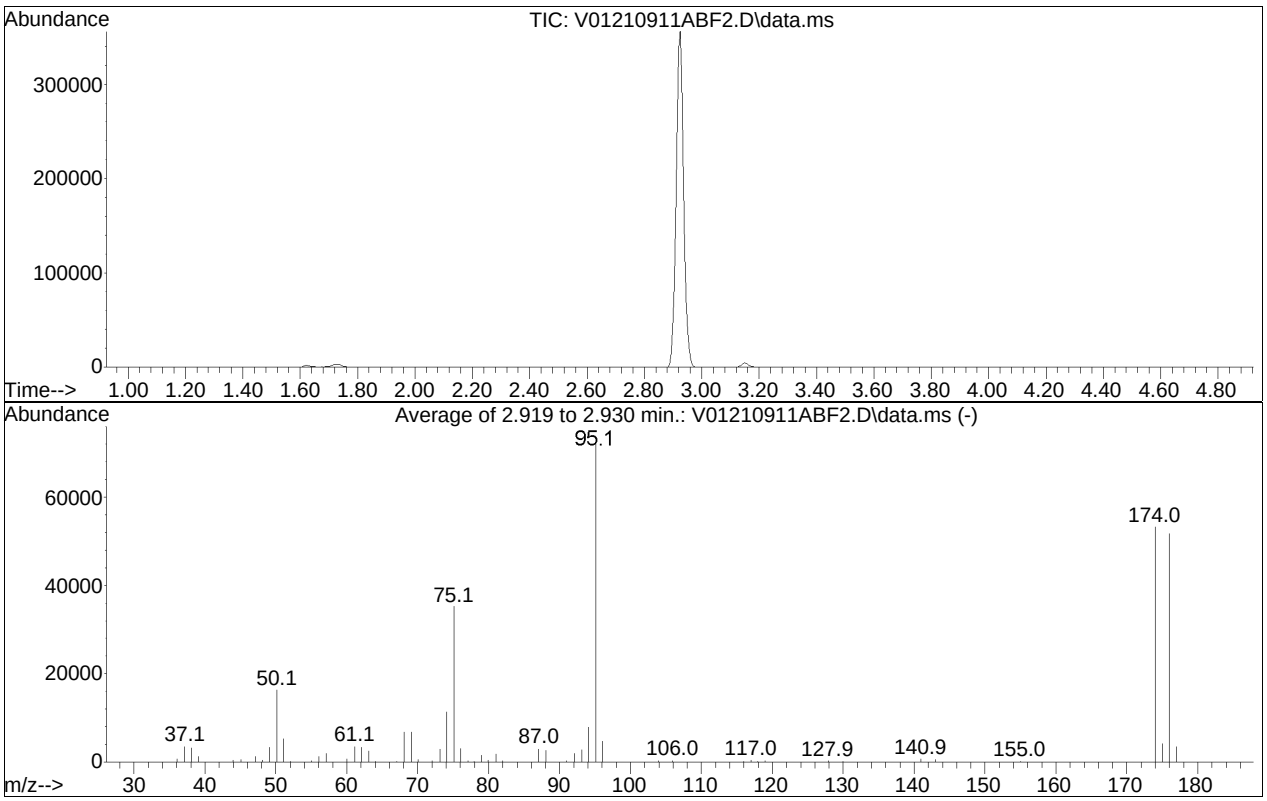
Data Path	: I:\VOLATILES\VOA101\2021\2Q	Method	: V101_210824A_8260.m
Data File	: V01210911A02.D	Operator	: VOA101:LAC
Date Inj'd	: 9/11/2021 10:01 am	Instrument	: VOA 101
Sample	: WG1545693-2	Quant Date	: 9/11/2021 10:35 am

There are no manual integrations or false positives in this file.

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911ABF2.D
Acq On : 11 Sep 2021 9:19 am
Operator : VOA101:LAC
Sample : WG1545693-1
Misc : WG1545693
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Tue Aug 24 15:36:35 2021



AutoFind: Scans 251, 252, 253; Background Corrected with Scan 242

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.5	16317	PASS
75	95	30	60	48.6	35229	PASS
95	95	100	100	100.0	72440	PASS
96	95	5	9	6.6	4792	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	73.5	53269	PASS
175	174	5	9	8.0	4244	PASS
176	174	95	101	97.2	51803	PASS
177	176	5	9	6.6	3427	PASS

Volatiles Raw QC Data

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A06.D
Acq On : 11 Sep 2021 11:42 am
Operator : VOA101:LAC
Sample : WG1545693-5,31,10,10
Misc : WG1545693,ICAL18254
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 11 12:33:41 2021
Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210911A\V01210911A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	6.254	96	382756	10.000 ug/L	0.00
Standard Area 1 = 384751			Recovery =	99.48%	
59) Chlorobenzene-d5	9.804	117	278951	10.000 ug/L	0.00
Standard Area 1 = 282294			Recovery =	98.82%	
79) 1,4-Dichlorobenzene-d4	12.456	152	119655	10.000 ug/L	0.00
Standard Area 1 = 118126			Recovery =	101.29%	
System Monitoring Compounds					
36) Dibromofluoromethane	5.440	113	94246	10.143 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	101.43%	
43) 1,2-Dichloroethane-d4	5.970	65	102126	10.053 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	100.53%	
60) Toluene-d8	7.950	98	367434	10.200 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	102.00%	
83) 4-Bromofluorobenzene	11.266	95	132034	10.662 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	106.62%	
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.	
3) Chloromethane	1.985	50	274	N.D.	
4) Vinyl chloride	2.063	62	45	N.D.	
5) Bromomethane	2.392	94	228	N.D.	
6) Chloroethane	2.476	64	26	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
8) Ethyl ether	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	3.204	76	3297	0.122 ug/L #	75
15) Methylene chloride	3.722	84	664	N.D.	
17) Acetone	3.773	43	918M1	0.512 ug/L	
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
20) Methyl tert-butyl ether	0.000		0	N.D.	
23) 1,1-Dichloroethane	0.000		0	N.D.	
25) Acrylonitrile	0.000		0	N.D.	
27) Vinyl acetate	0.000		0	N.D.	
28) cis-1,2-Dichloroethene	5.000	96	27	N.D.	
29) 2,2-Dichloropropane	0.000		0	N.D.	
30) Bromochloromethane	5.198	128	30	N.D.	
32) Chloroform	5.264	83	277	N.D.	

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A06.D
Acq On : 11 Sep 2021 11:42 am
Operator : VOA101:LAC
Sample : WG1545693-5,31,10,10
Misc : WG1545693,ICAL18254
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 11 12:33:41 2021
Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210911A\V01210911A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	0.000		0		N.D.	
40) 1,1-Dichloropropene	0.000		0		N.D.	
41) Benzene	5.845	78	30		N.D.	
44) 1,2-Dichloroethane	6.040	62	71		N.D.	
48) Trichloroethene	6.352	95	90		N.D.	
50) Dibromomethane	0.000		0		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	0.000		0		N.D.	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	7.760	75	133		N.D.	
61) Toluene	8.014	92	254		N.D.	
62) 4-Methyl-2-pentanone	0.000		0		N.D.	
63) Tetrachloroethene	8.460	166	25		N.D.	
65) trans-1,3-Dichloropropene	8.505	75	27		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D.	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	9.495	43	32		N.D.	
73) Chlorobenzene	9.818	112	299		N.D.	
74) Ethylbenzene	9.860	91	415		N.D.	
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	10.058	106	550		N.D.	
77) o Xylene	10.571	106	173		N.D.	
78) Styrene	10.655	104	1610		N.D.	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	10.945	105	779		N.D.	
84) Bromobenzene	11.380	156	233		N.D.	
85) n-Propylbenzene	11.422	91	2474		N.D.	
87) 1,1,2,2-Tetrachloroethane	11.503	83	58		N.D.	
88) 4-Ethyltoluene	11.544	105	1862		N.D.	
89) 2-Chlorotoluene	11.586	91	800		N.D.	
90) 1,3,5-Trimethylbenzene	11.628	105	846		N.D.	
91) 1,2,3-Trichloropropane	11.648	75	39		N.D.	
92) trans-1,4-Dichloro-2-b...	0.000		0		N.D.	
93) 4-Chlorotoluene	11.773	91	1257		N.D.	
94) tert-Butylbenzene	11.971	119	1308		N.D.	

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A06.D
Acq On : 11 Sep 2021 11:42 am
Operator : VOA101:LAC
Sample : WG1545693-5,31,10,10
Misc : WG1545693,ICAL18254
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 11 12:33:41 2021
Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210911A\V01210911A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	12.055	105	1808	N.D.	
98) sec-Butylbenzene	12.161	105	2605	0.077 ug/L	89
99) p-Isopropyltoluene	12.309	119	2439	0.090 ug/L #	63
100) 1,3-Dichlorobenzene	12.381	146	741	N.D.	
101) 1,4-Dichlorobenzene	12.462	146	1912	0.129 ug/L #	48
102) p-Diethylbenzene	12.682	119	1774	0.115 ug/L	93
103) n-Butylbenzene	12.741	91	3101	0.136 ug/L #	90
104) 1,2-Dichlorobenzene	12.889	146	774	N.D.	
105) 1,2,4,5-Tetramethylben...	13.463	119	2826	0.141 ug/L	97
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.	
108) Hexachlorobutadiene	14.261	225	1758	0.733 ug/L #	89
109) 1,2,4-Trichlorobenzene	14.297	180	1497	0.272 ug/L #	86
110) Naphthalene	14.587	128	4832	0.397 ug/L	100
111) 1,2,3-Trichlorobenzene	14.757	180	1969	0.470 ug/L	96

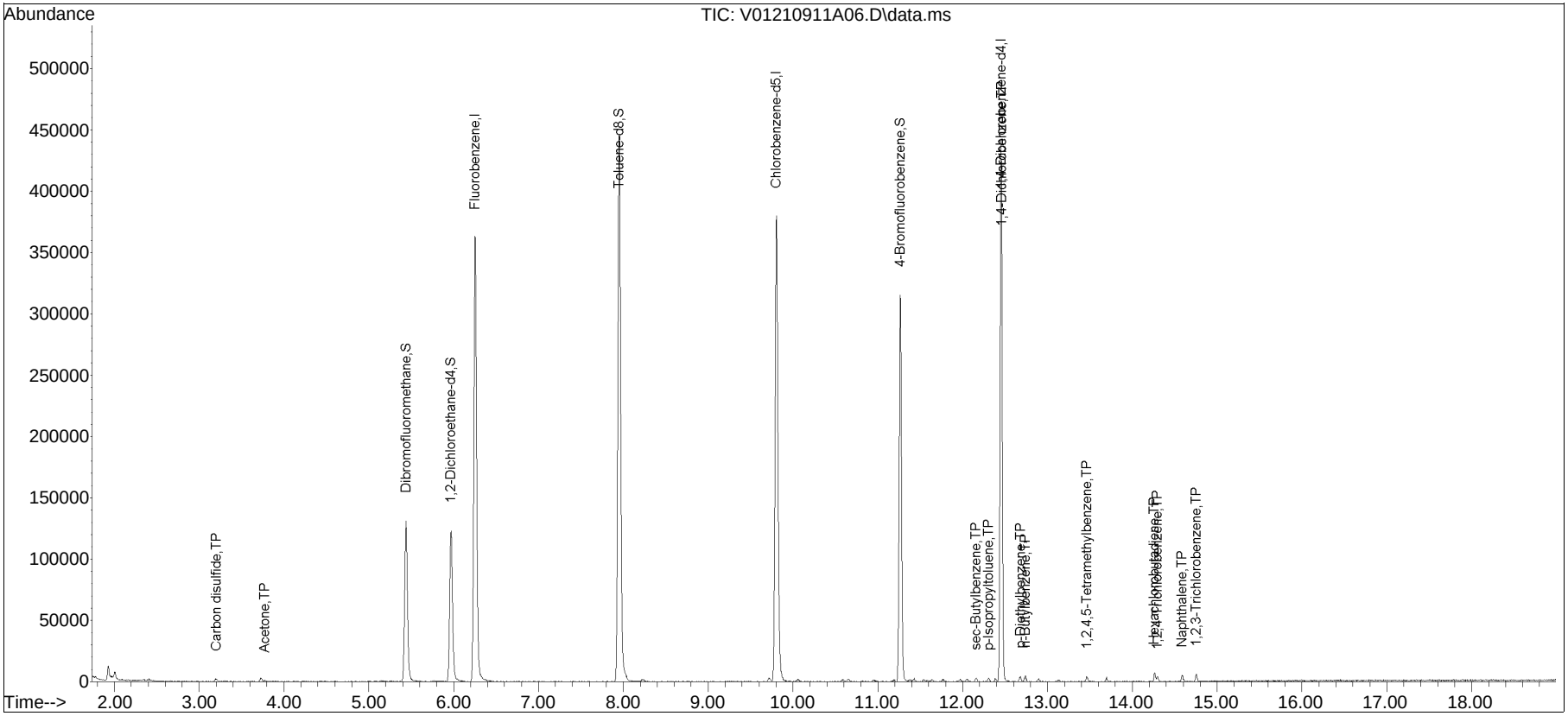
(#) = qualifier out of range (m) = manual integration (+) = signals summed

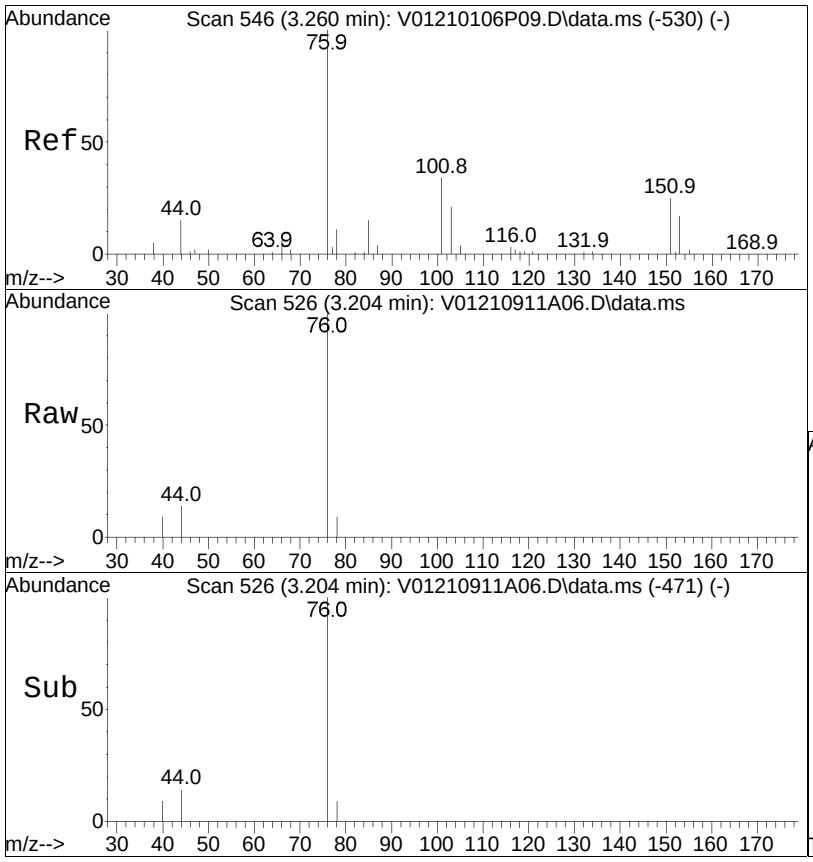
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A06.D
Acq On : 11 Sep 2021 11:42 am
Operator : VOA101:LAC
Sample : WG1545693-5,31,10,10
Misc : WG1545693,ICAL18254
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 11 12:33:41 2021
Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox10911A\V01210911A02.D•

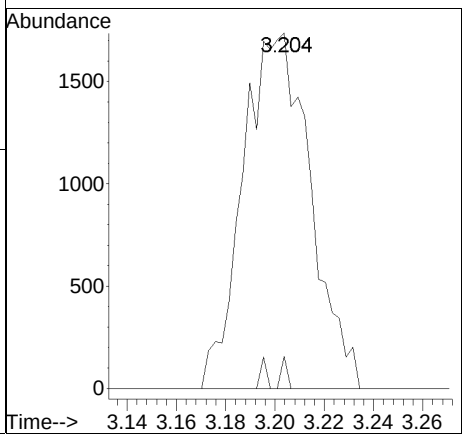


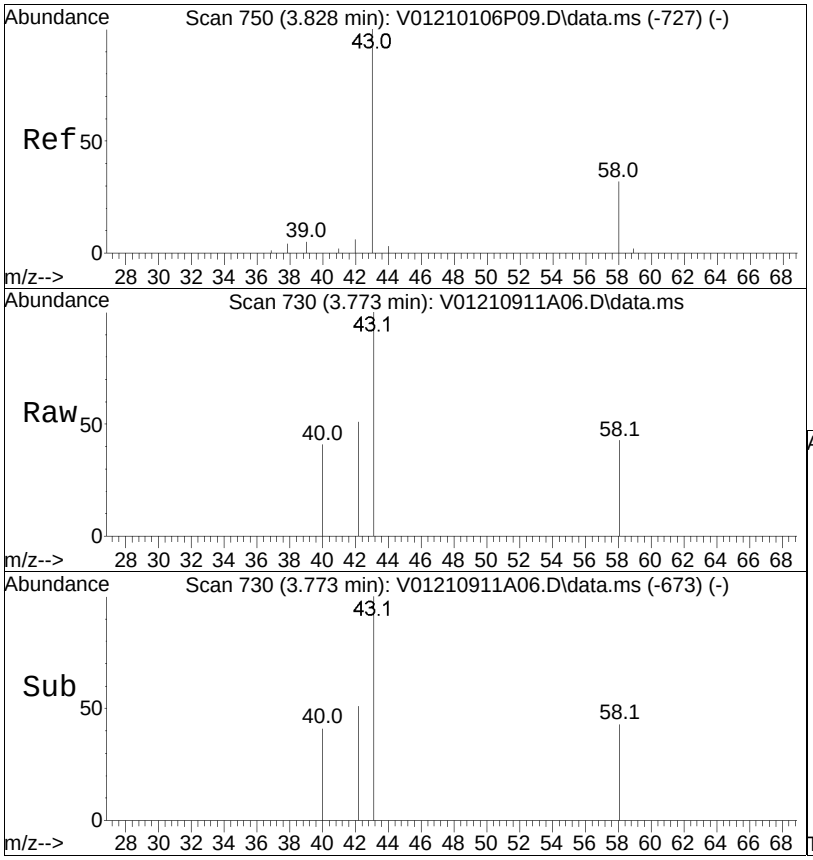


#11
Carbon disulfide
Concen: 0.12 ug/L
RT: 3.204 min Scan# 526
Delta R.T. 0.003 min
Lab File: V01210911A06.D
Acq: 11 Sep 2021 11:42 am

Tgt Ion: 76 Resp: 3297

Ion	Ratio	Lower	Upper
76	100		
78	0.8	6.6	13.8#

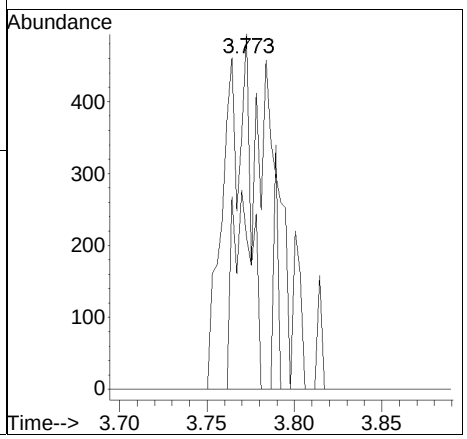


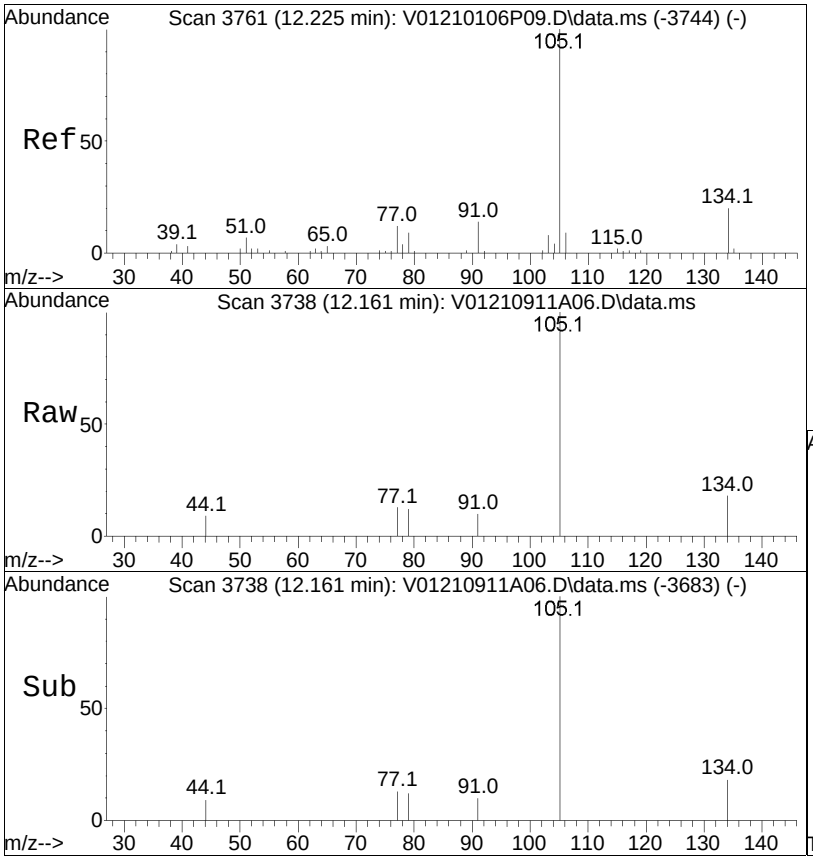


#17
Acetone
Concen: 0.51 ug/L M1
RT: 3.773 min Scan# 730
Delta R.T. 0.009 min
Lab File: V01210911A06.D
Acq: 11 Sep 2021 11:42 am

Tgt Ion: 43 Resp: 918

Ion	Ratio	Lower	Upper
43	100		
58	24.3	25.9	38.9#

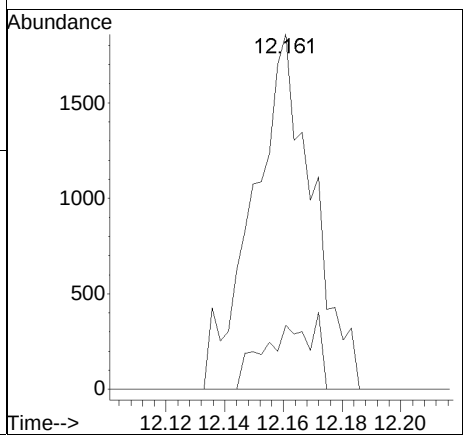


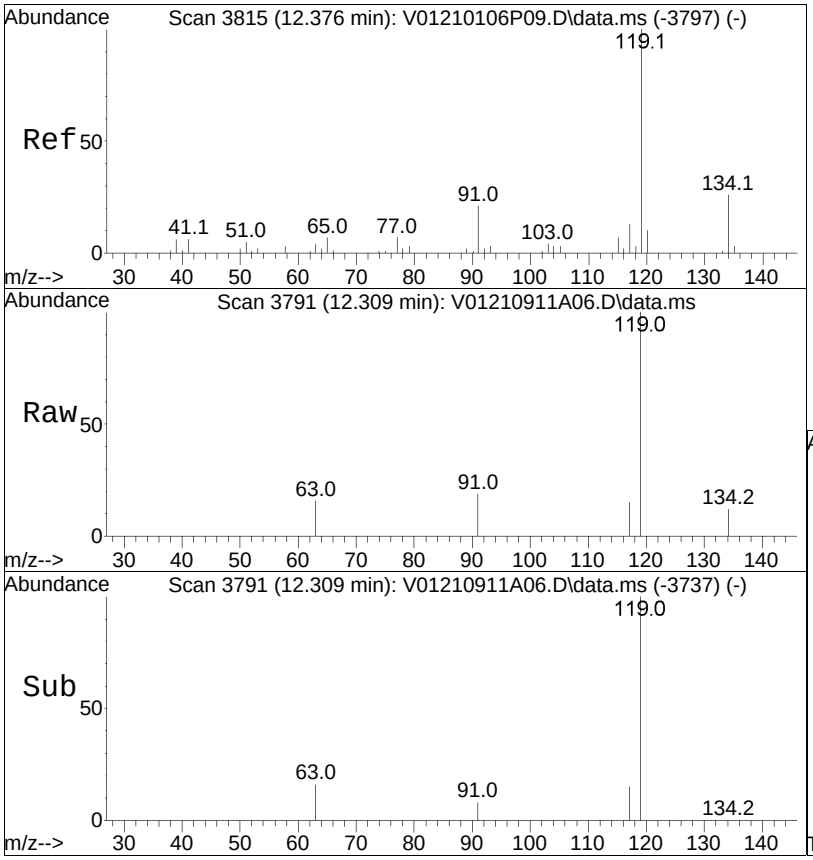


#98
sec-Butylbenzene
Concen: 0.08 ug/L
RT: 12.161 min Scan# 3738
Delta R.T. 0.003 min
Lab File: V01210911A06.D
Acq: 11 Sep 2021 11:42 am

Tgt Ion:105 Resp: 2605

Ion	Ratio	Lower	Upper
105	100		
134	16.4	14.0	29.0

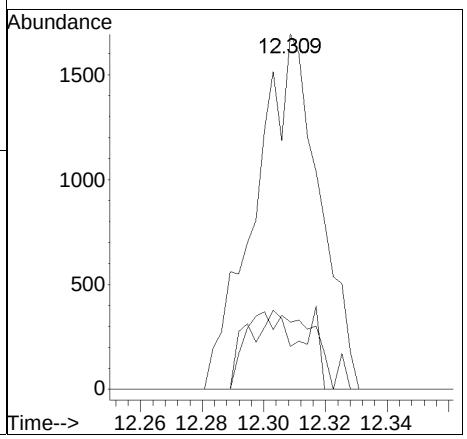


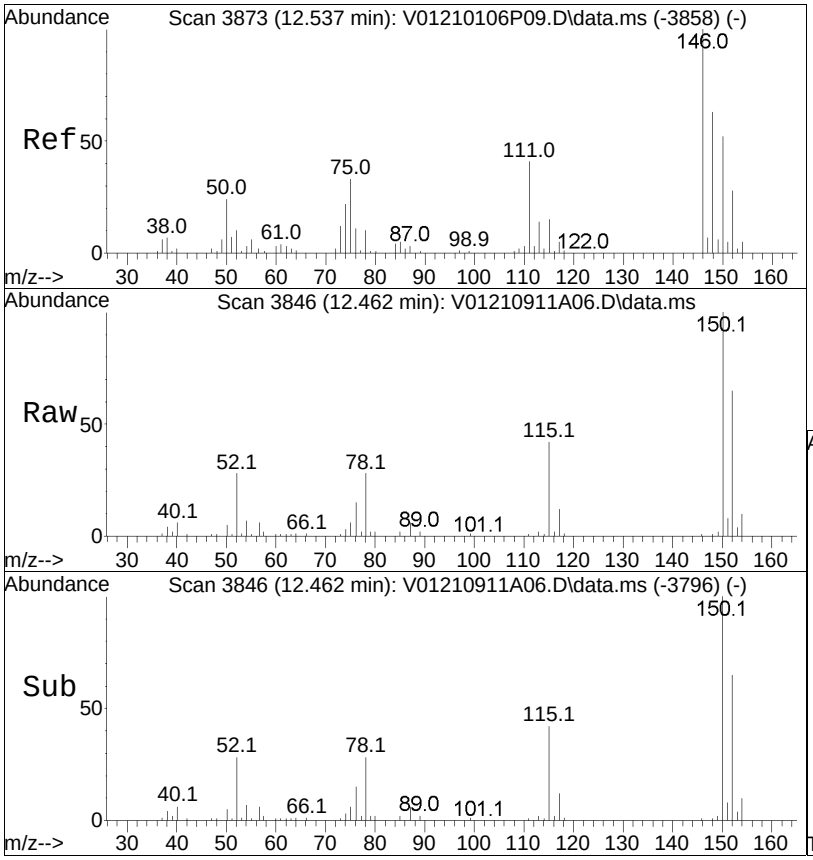


#99
p-Isopropyltoluene
Concen: 0.09 ug/L
RT: 12.309 min Scan# 3791
Delta R.T. 0.001 min
Lab File: V01210911A06.D
Acq: 11 Sep 2021 11:42 am

Tgt Ion:119 Resp: 2439

Ion	Ratio	Lower	Upper
119	100		
134	4.1	17.7	36.7#
91	10.0	15.4	32.0#

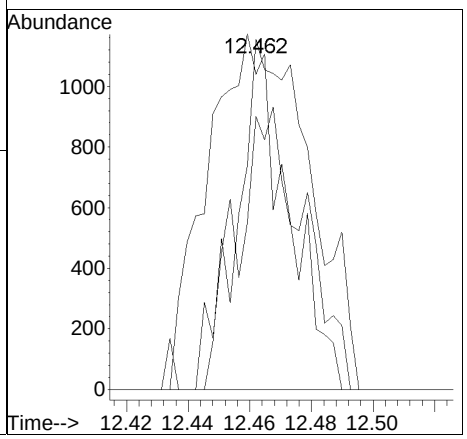


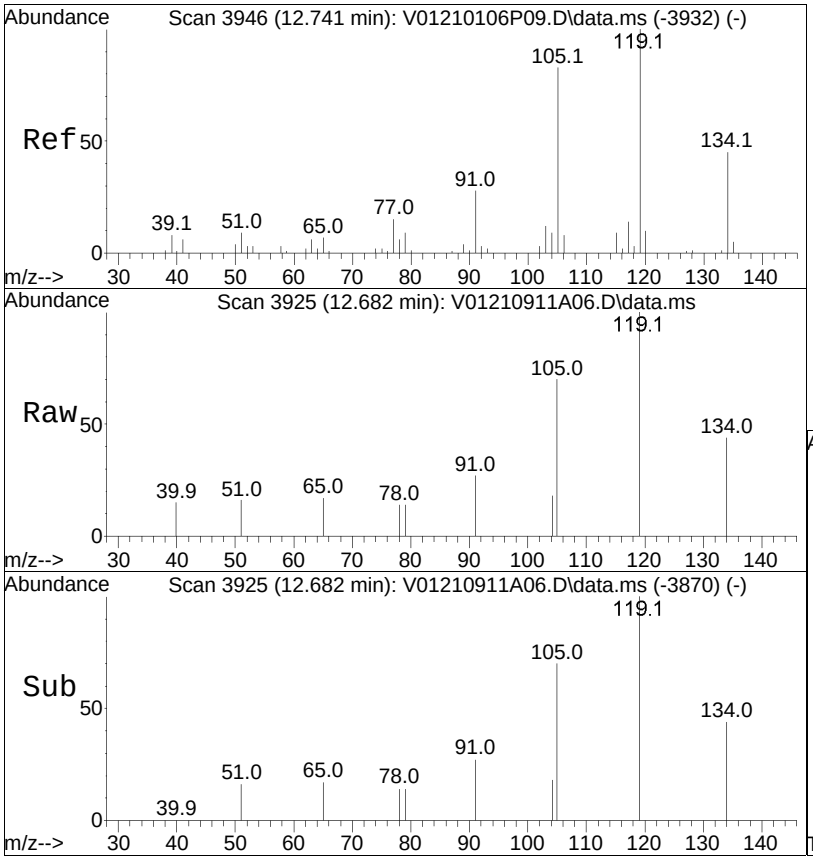


#101
1,4-Dichlorobenzene
Concen: 0.13 ug/L
RT: 12.462 min Scan# 3846
Delta R.T. -0.011 min
Lab File: V01210911A06.D
Acq: 11 Sep 2021 11:42 am

Tgt Ion:146 Resp: 1912

Ion	Ratio	Lower	Upper
146	100		
111	109.4	31.7	47.5#
148	75.9	51.5	77.3

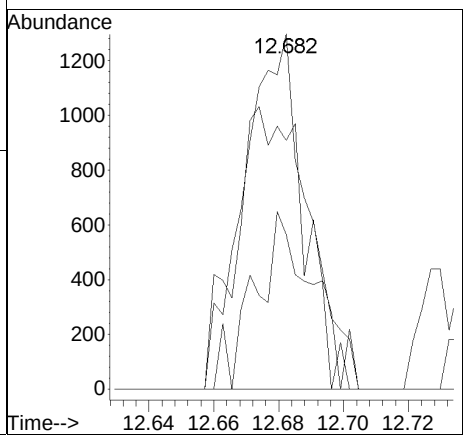


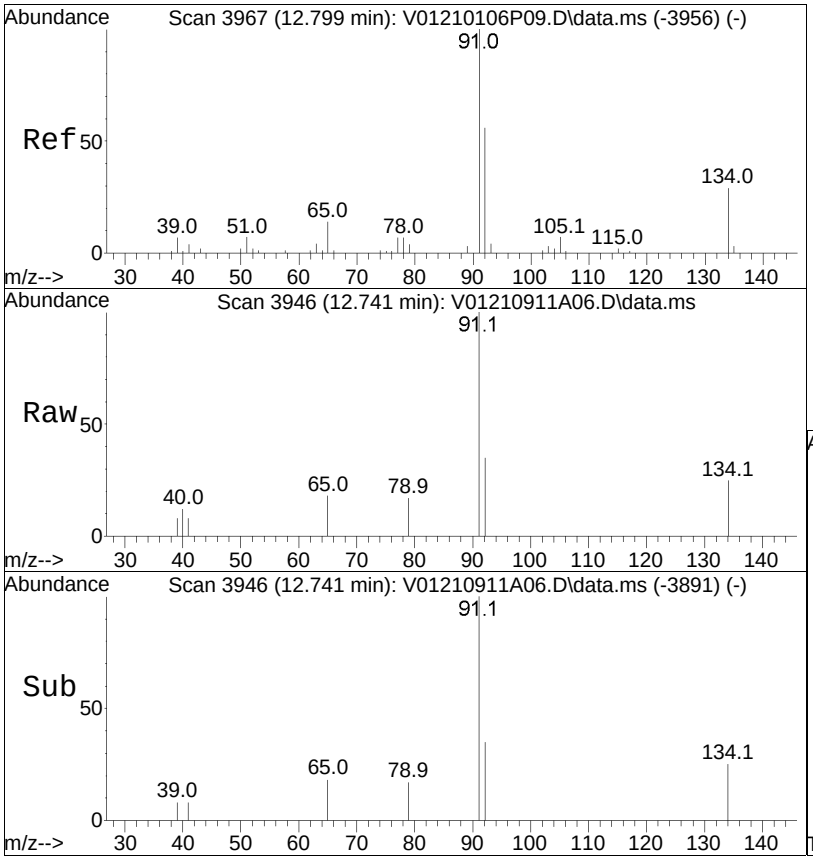


#102
p-Diethylbenzene
Concen: 0.12 ug/L
RT: 12.682 min Scan# 3925
Delta R.T. 0.003 min
Lab File: V01210911A06.D
Acq: 11 Sep 2021 11:42 am

Tgt Ion:119 Resp: 1774

Ion	Ratio	Lower	Upper
119	100		
105	88.7	54.1	112.3
134	43.2	31.5	65.3

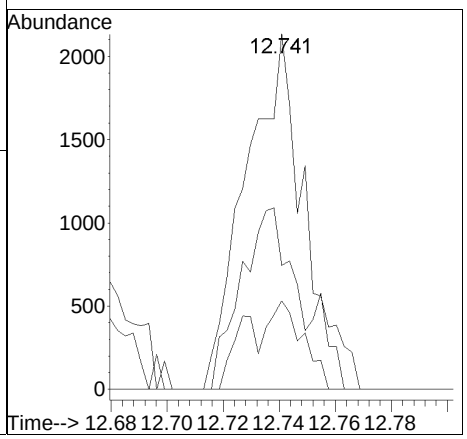


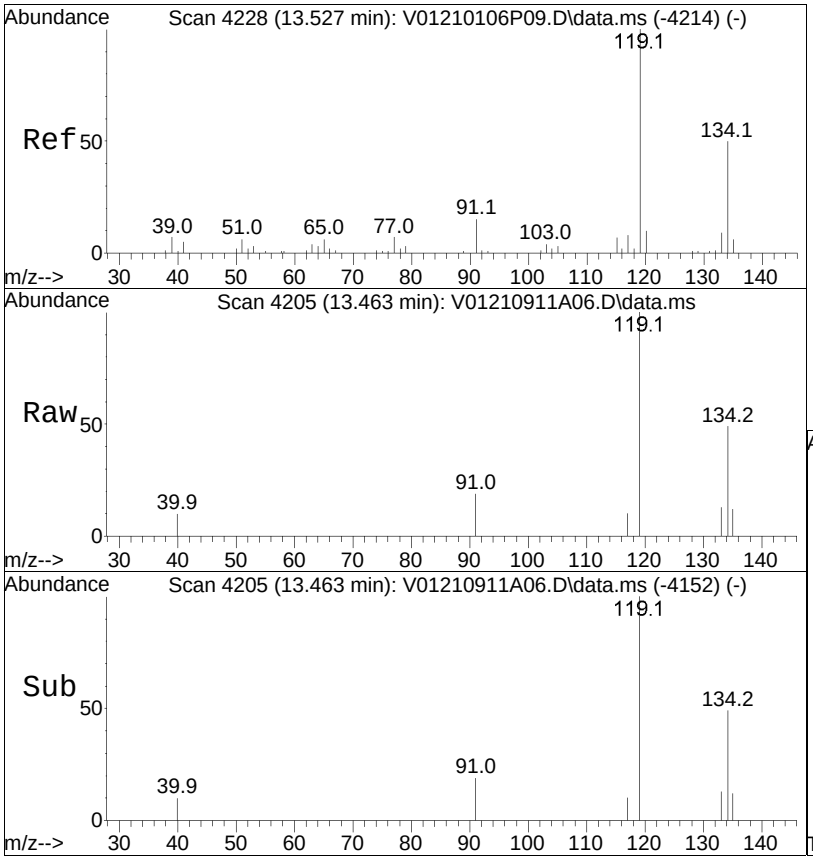


#103
n-Butylbenzene
Concen: 0.14 ug/L
RT: 12.741 min Scan# 3946
Delta R.T. 0.003 min
Lab File: V01210911A06.D
Acq: 11 Sep 2021 11:42 am

Tgt Ion: 91 Resp: 3101

Ion	Ratio	Lower	Upper
91	100		
92	52.6	43.7	65.5
134	15.1	22.1	33.1#

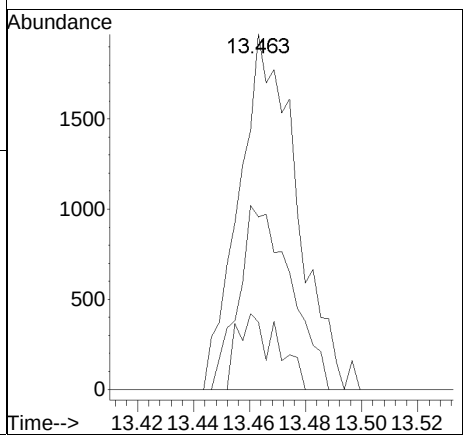


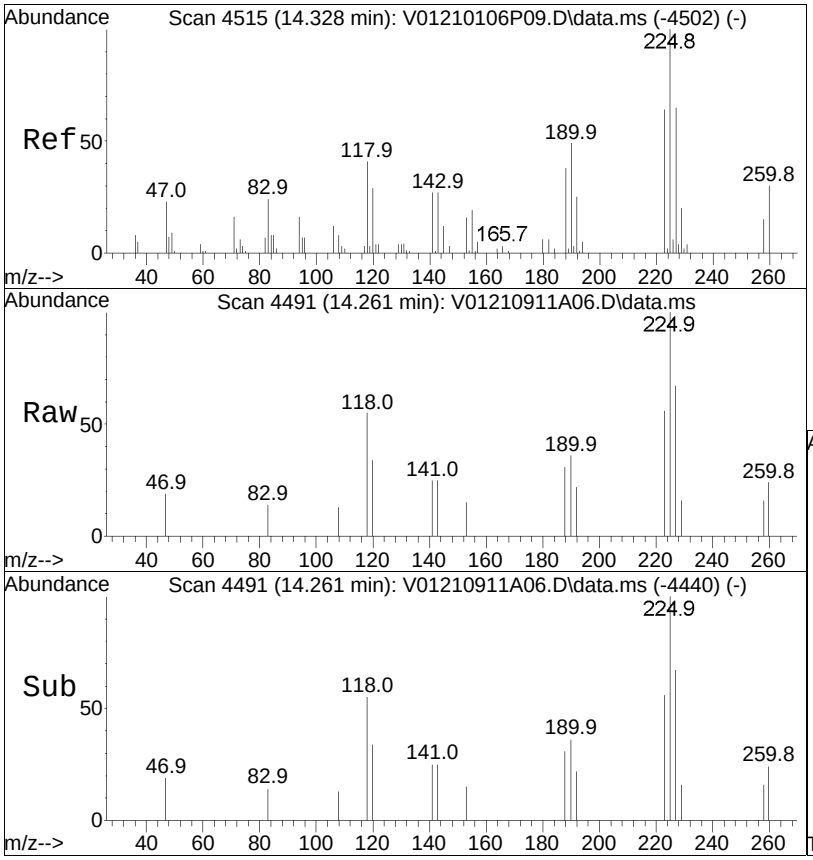


#105
1,2,4,5-Tetramethylbenzene
Concen: 0.14 ug/L
RT: 13.463 min Scan# 4205
Delta R.T. -0.003 min
Lab File: V01210911A06.D
Acq: 11 Sep 2021 11:42 am

Tgt Ion:119 Resp: 2826

Ion	Ratio	Lower	Upper
119	100		
134	46.7	31.9	66.1
91	14.8	10.3	21.5

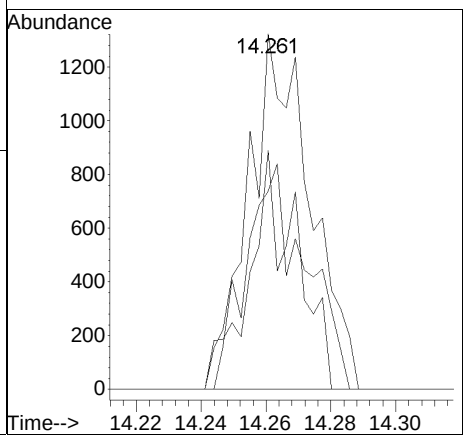


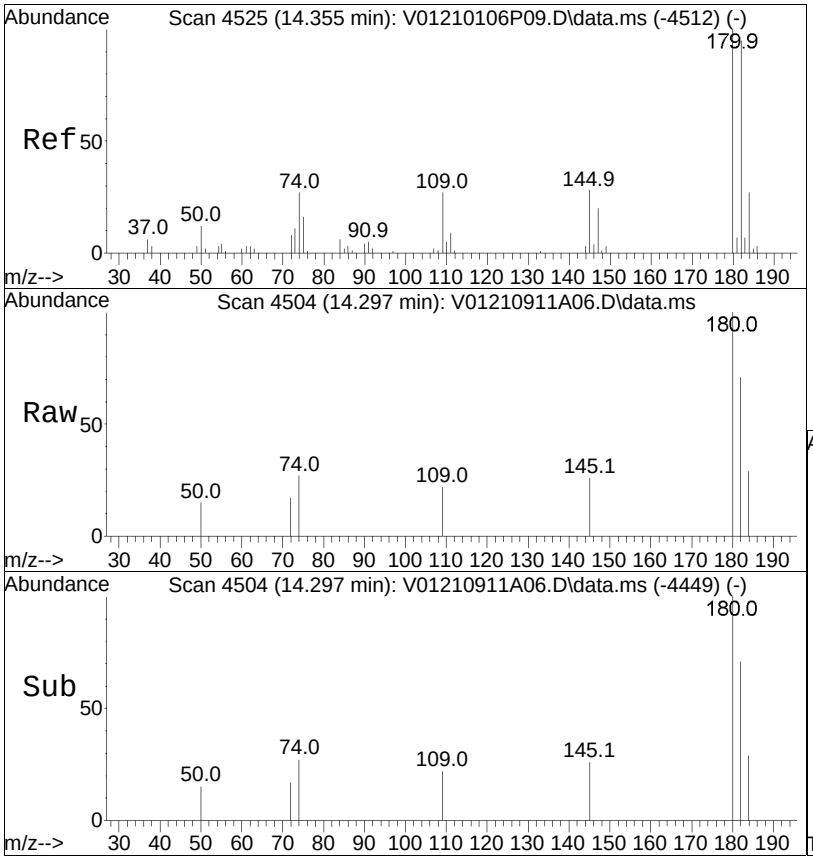


#108
Hexachlorobutadiene
Concen: 0.73 ug/L
RT: 14.261 min Scan# 4491
Delta R.T. -0.008 min
Lab File: V01210911A06.D
Acq: 11 Sep 2021 11:42 am

Tgt Ion:225 Resp: 1758

Ion	Ratio	Lower	Upper
225	100		
223	60.9	51.0	76.4
227	50.9	52.2	78.4#

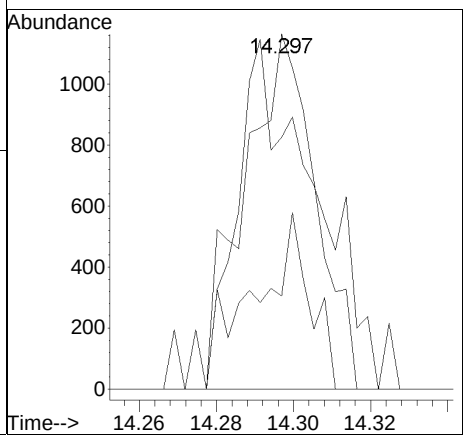


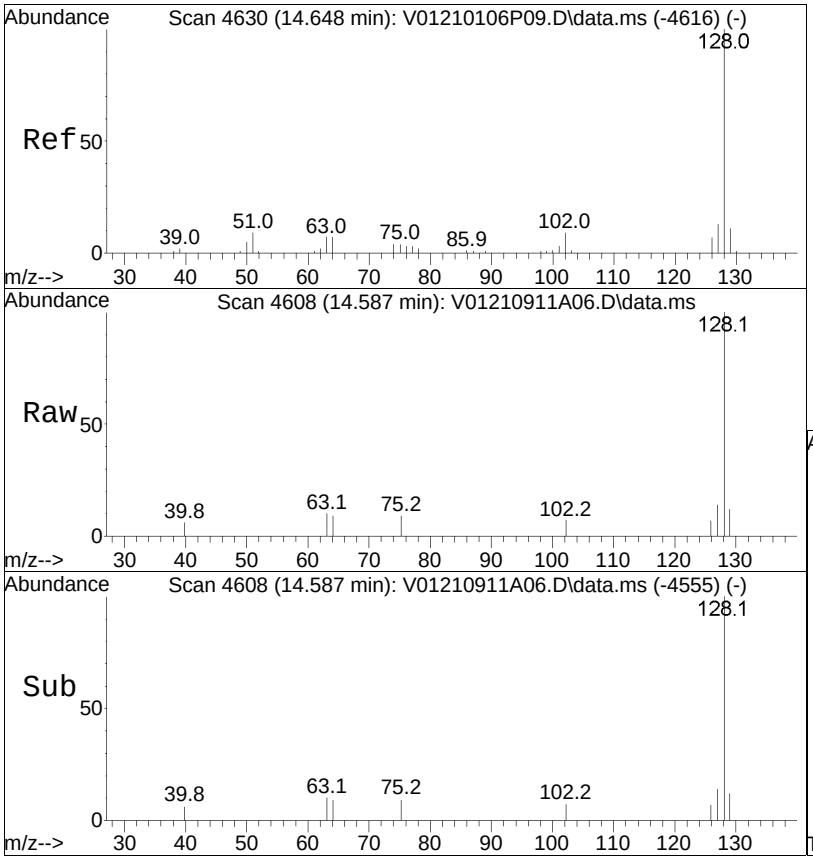


#109
1,2,4-Trichlorobenzene
Concen: 0.27 ug/L
RT: 14.297 min Scan# 4504
Delta R.T. 0.003 min
Lab File: V01210911A06.D
Acq: 11 Sep 2021 11:42 am

Tgt Ion:180 Resp: 1497

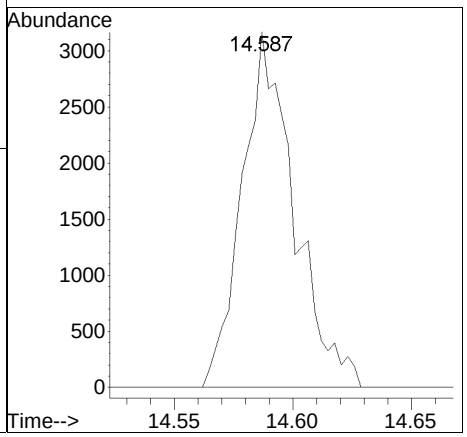
Ion	Ratio	Lower	Upper
180	100		
182	108.4	75.8	113.8
145	40.9	26.1	39.1#

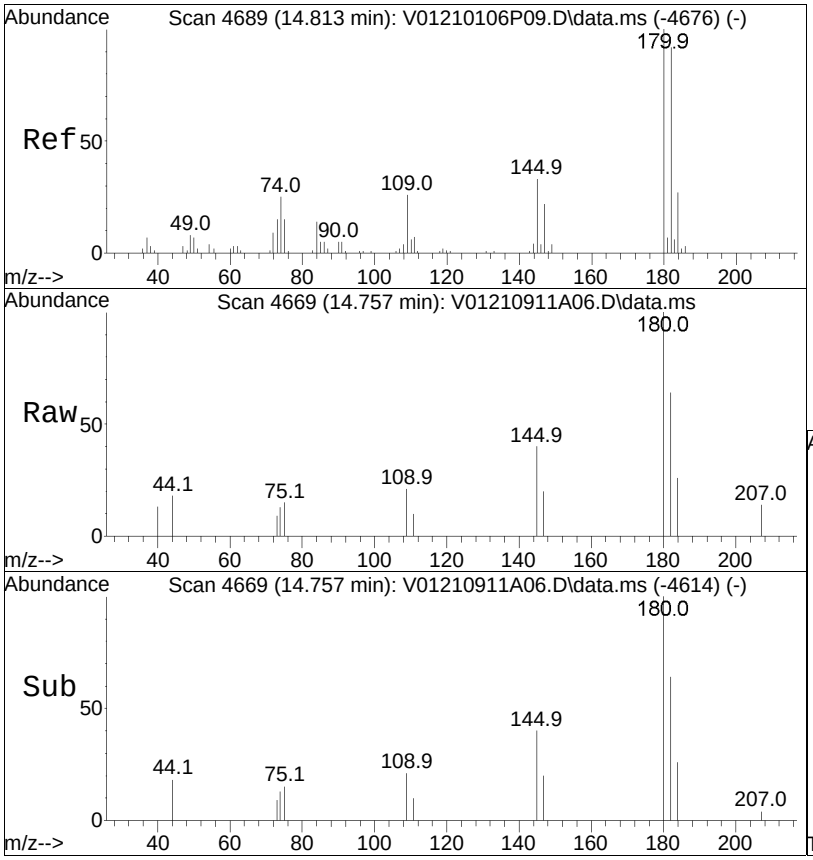




#110
Naphthalene
Concen: 0.40 ug/L
RT: 14.587 min Scan# 4608
Delta R.T. -0.000 min
Lab File: V01210911A06.D
Acq: 11 Sep 2021 11:42 am

Tgt Ion:128 Resp: 4832

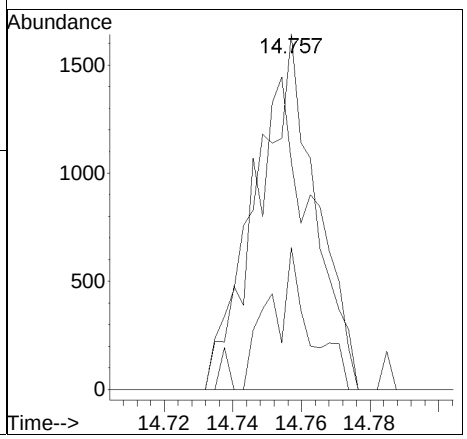




#111
1,2,3-Trichlorobenzene
Concen: 0.47 ug/L
RT: 14.757 min Scan# 4669
Delta R.T. 0.003 min
Lab File: V01210911A06.D
Acq: 11 Sep 2021 11:42 am

Tgt Ion:180 Resp: 1969

Ion	Ratio	Lower	Upper
180	100		
182	92.1	75.4	113.0
145	26.8	25.0	37.6

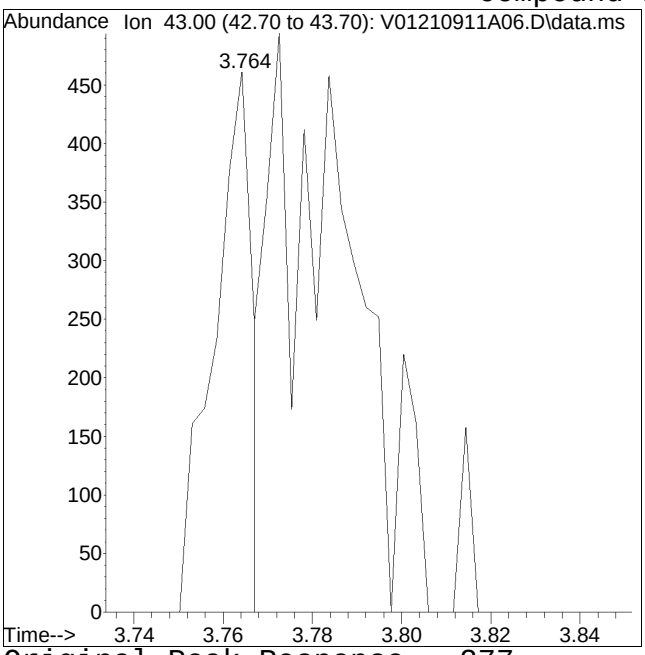


Manual Integration Report

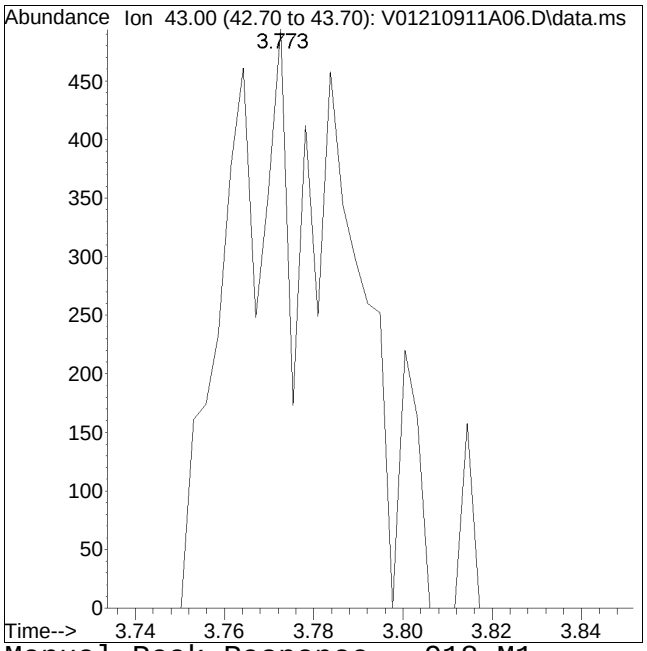
Data Path : I:\VOLATILES\VOA101\2021\2Q
Data File : V01210911A06.D
Date Inj'd : 9/11/2021 11:42 am
Sample : WG1545693-5,31,10,10

Method : V101_210824A_8260.m
Operator : VOA101:LAC
Instrument : VOA 101
Quant Date : 9/11/2021 12:33 pm

Compound #17: Acetone



Original Peak Response = 277



Manual Peak Response = 918 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

LSC Area Percent Report

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A06.D
Acq On : 11 Sep 2021 11:42 am
Operator : VOA101:LAC
Sample : WG1545693-5,31,10,10
Misc : WG1545693,ICAL18254
ALS Vial : 6 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V01210911A06.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.440	1308	1328	1359	rBV2	131029	297971	29.12%	6.383%
2	5.970	1498	1518	1542	rBV4	123085	287605	28.10%	6.161%
3	6.252	1600	1619	1655	rBV3	363394	828891	81.00%	17.755%
4	7.953	2205	2229	2273	rBV	446328	1023367	100.00%	21.921%
5	9.804	2873	2893	2933	rVB2	379572	867450	84.76%	18.581%
6	11.266	3398	3417	3450	rBV3	315538	604382	59.06%	12.946%
7	12.454	3829	3843	3872	rBV2	440936	758751	74.14%	16.253%

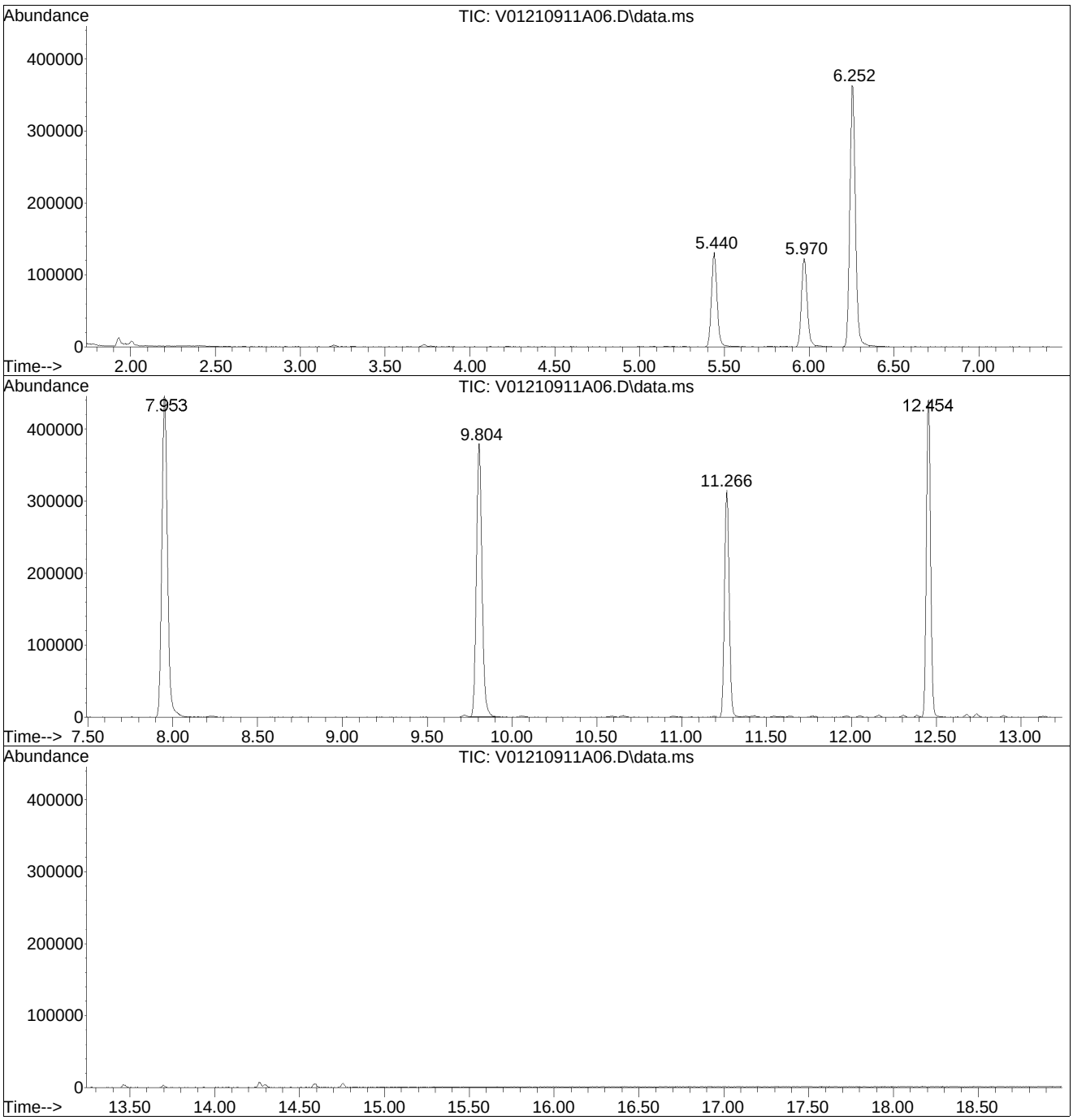
Sum of corrected areas: 4668417

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A06.D
Acq On : 11 Sep 2021 11:42 am
Operator : VOA101:LAC
Sample : WG1545693-5,31,10,10
Misc : WG1545693,ICAL18254
ALS Vial : 6 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A06.D
Acq On : 11 Sep 2021 11:42 am
Operator : VOA101:LAC
Sample : WG1545693-5,31,10,10
Misc : WG1545693,ICAL18254
ALS Vial : 6 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A06.D
Acq On : 11 Sep 2021 11:42 am
Operator : VOA101:LAC
Sample : WG1545693-5,31,10,10
Misc : WG1545693,ICAL18254
ALS Vial : 6 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

						Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A02.D
Acq On : 11 Sep 2021 10:01 am
Operator : VOA101:LAC
Sample : WG1545693-3,31,10,10
Misc : WG1545693,ICAL18254
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 11 10:36:01 2021
Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210911A\V01210911A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.252	96	384751	10.000	ug/L	0.00
Standard Area 1 = 384751			Recovery = 100.00%			
59) Chlorobenzene-d5	9.807	117	282294	10.000	ug/L	0.00
Standard Area 1 = 282294			Recovery = 100.00%			
79) 1,4-Dichlorobenzene-d4	12.454	152	118126	10.000	ug/L	0.00
Standard Area 1 = 118126			Recovery = 100.00%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.437	113	95226	10.195	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.95%			
43) 1,2-Dichloroethane-d4	5.970	65	101158	9.906	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.06%			
60) Toluene-d8	7.953	98	369980	10.149	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.49%			
83) 4-Bromofluorobenzene	11.263	95	133682	10.935	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 109.35%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.776	85	90928	9.889	ug/L	99
3) Chloromethane	1.977	50	131277	9.183	ug/L	99
4) Vinyl chloride	2.063	62	134228	9.943	ug/L	98
5) Bromomethane	2.389	94	36637	9.987	ug/L	99
6) Chloroethane	2.518	64	76695	10.342	ug/L	95
7) Trichlorofluoromethane	2.663	101	142438	10.197	ug/L	99
8) Ethyl ether	2.967	74	41167	7.829	ug/L #	67
10) 1,1-Dichloroethene	3.167	96	89557	9.839	ug/L	83
11) Carbon disulfide	3.201	76	254829	9.349	ug/L	100
15) Methylene chloride	3.728	84	94553	9.394	ug/L	81
17) Acetone	3.767	43	14748	8.183	ug/L	93
18) trans-1,2-Dichloroethene	3.887	96	98926	9.907	ug/L	84
20) Methyl tert-butyl ether	3.973	73	173948	7.377	ug/L #	90
23) 1,1-Dichloroethane	4.475	63	216385	9.777	ug/L	97
25) Acrylonitrile	4.517	53	20857	6.881	ug/L	94
27) Vinyl acetate	4.707	43	181971	8.154	ug/L #	95
28) cis-1,2-Dichloroethene	5.000	96	105091	9.713	ug/L #	82
29) 2,2-Dichloropropane	5.100	77	149414	10.868	ug/L	99
30) Bromochloromethane	5.192	128	40871	9.663	ug/L #	73
32) Chloroform	5.264	83	171232	9.919	ug/L	99

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A02.D
Acq On : 11 Sep 2021 10:01 am
Operator : VOA101:LAC
Sample : WG1545693-3,31,10,10
Misc : WG1545693,ICAL18254
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 11 10:36:01 2021
Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210911A\V01210911A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
34) Carbon tetrachloride	5.404	117	133001	10.037	ug/L		99
37) 1,1,1-Trichloroethane	5.468	97	153476	10.480	ug/L		98
39) 2-Butanone	5.552	43	21469	7.163	ug/L	#	40
40) 1,1-Dichloropropene	5.594	75	134609	9.841	ug/L		98
41) Benzene	5.839	78	393651	9.708	ug/L	#	92
44) 1,2-Dichloroethane	6.040	62	112024	8.847	ug/L		99
48) Trichloroethene	6.436	95	102081	9.773	ug/L		97
50) Dibromomethane	6.874	93	42812	8.617	ug/L		96
51) 1,2-Dichloropropane	6.977	63	118158	9.145	ug/L	#	93
54) Bromodichloromethane	7.055	83	118642	9.156	ug/L		100
57) 1,4-Dioxane	7.261	88	17868	458.977	ug/L	#	64
58) cis-1,3-Dichloropropene	7.741	75	135135	8.815	ug/L		98
61) Toluene	8.011	92	242031	9.576	ug/L		100
62) 4-Methyl-2-pentanone	8.444	58	20720	7.323	ug/L	#	81
63) Tetrachloroethene	8.460	166	95608	10.209	ug/L		98
65) trans-1,3-Dichloropropene	8.494	75	102712	8.682	ug/L		99
68) 1,1,2-Trichloroethane	8.681	83	50955	8.755	ug/L		98
69) Chlorodibromomethane	8.893	129	70687	9.050	ug/L		98
70) 1,3-Dichloropropane	9.004	76	106420	8.843	ug/L		100
71) 1,2-Dibromoethane	9.174	107	56452	8.826	ug/L		96
72) 2-Hexanone	9.453	43	31961	7.630	ug/L		90
73) Chlorobenzene	9.824	112	245934	9.721	ug/L		98
74) Ethylbenzene	9.860	91	456878	9.853	ug/L		99
75) 1,1,1,2-Tetrachloroethane	9.908	131	83100	9.884	ug/L		99
76) p/m Xylene	10.047	106	340854	19.633	ug/L		99
77) o Xylene	10.574	106	312906	19.714	ug/L		97
78) Styrene	10.641	104	504510	19.256	ug/L		99
80) Bromoform	10.666	173	33527	9.146	ug/L		98
82) Isopropylbenzene	10.945	105	404890	10.888	ug/L		97
84) Bromobenzene	11.380	156	84089	11.326	ug/L		98
85) n-Propylbenzene	11.413	91	462583	10.965	ug/L		98
87) 1,1,2,2-Tetrachloroethane	11.497	83	56997	8.847	ug/L		98
88) 4-Ethyltoluene	11.536	105	366079	10.591	ug/L		97
89) 2-Chlorotoluene	11.578	91	278953	11.029	ug/L		96
90) 1,3,5-Trimethylbenzene	11.634	105	304259	10.837	ug/L		96
91) 1,2,3-Trichloropropane	11.637	75	40984	8.707	ug/L		99
92) trans-1,4-Dichloro-2-b...	11.684	53	10908	5.748	ug/L	#	72
93) 4-Chlorotoluene	11.762	91	282115	10.827	ug/L		95
94) tert-Butylbenzene	11.966	119	244691	10.638	ug/L		97

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A02.D
Acq On : 11 Sep 2021 10:01 am
Operator : VOA101:LAC
Sample : WG1545693-3,31,10,10
Misc : WG1545693,ICAL18254
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 11 10:36:01 2021
Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210911A\V01210911A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97)	1,2,4-Trimethylbenzene	12.046	105	292707	10.639	ug/L	97
98)	sec-Butylbenzene	12.155	105	350923	10.459	ug/L	95
99)	p-Isopropyltoluene	12.306	119	286675	10.744	ug/L	98
100)	1,3-Dichlorobenzene	12.381	146	144600	10.160	ug/L	99
101)	1,4-Dichlorobenzene	12.468	146	145846	10.004	ug/L	98
102)	p-Diethylbenzene	12.674	119	154249	10.149	ug/L	95
103)	n-Butylbenzene	12.732	91	237673	10.574	ug/L	97
104)	1,2-Dichlorobenzene	12.891	146	121397	9.634	ug/L	98
105)	1,2,4,5-Tetramethylben...	13.460	119	202471	10.200	ug/L	96
106)	1,2-Dibromo-3-chloropr...	13.661	155	5500	8.328	ug/L	99
108)	Hexachlorobutadiene	14.263	225	27676	11.695	ug/L	97
109)	1,2,4-Trichlorobenzene	14.289	180	47408	8.722	ug/L	97
110)	Naphthalene	14.581	128	85014	7.081	ug/L	100
111)	1,2,3-Trichlorobenzene	14.749	180	31317	7.574	ug/L	99

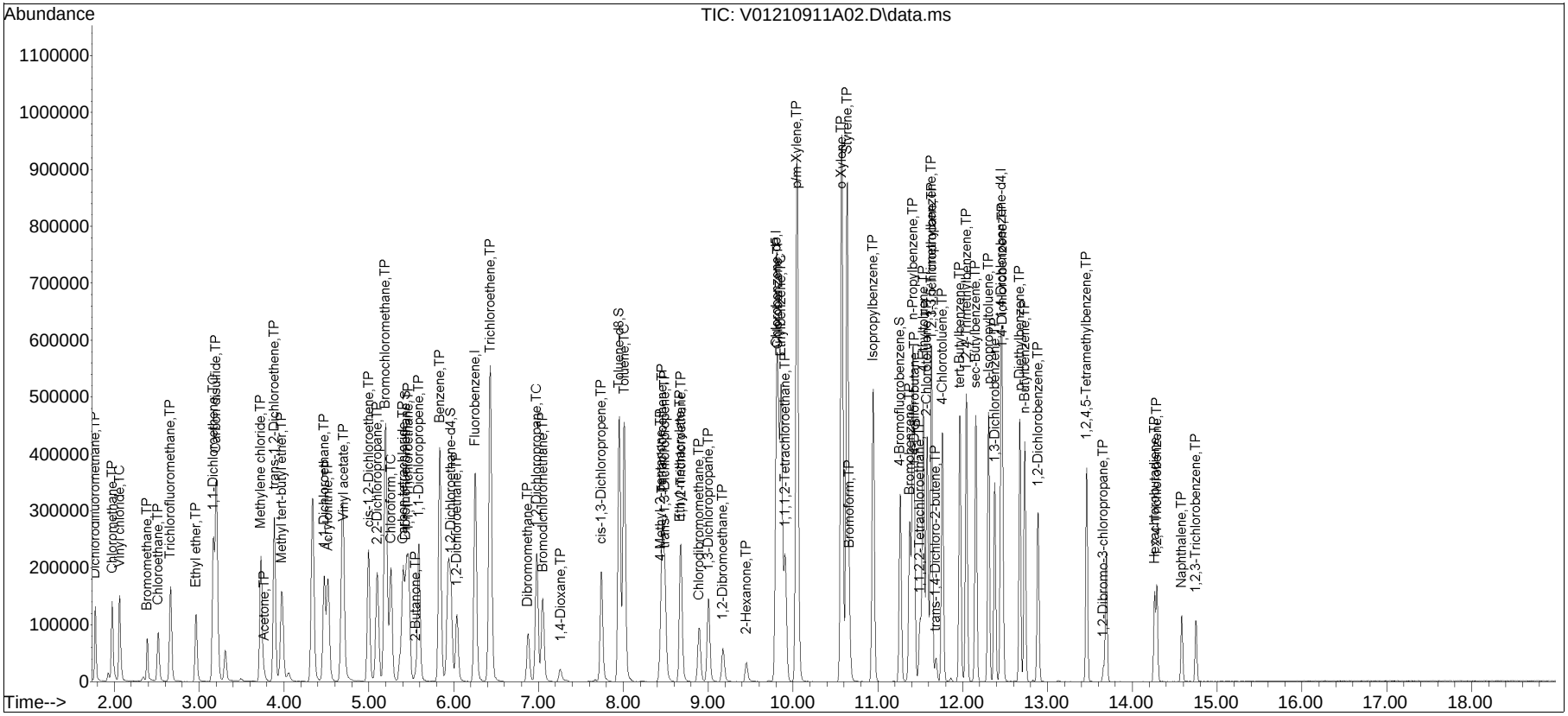
(#) = qualifier out of range (m) = manual integration (+) = signals summed

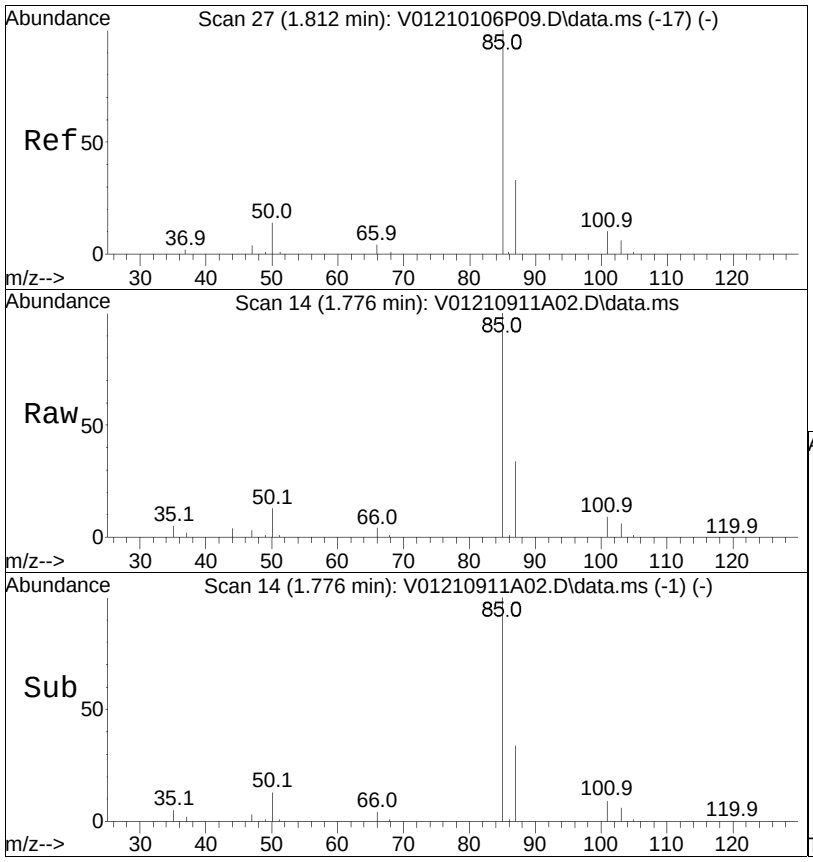
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A02.D
Acq On : 11 Sep 2021 10:01 am
Operator : VOA101:LAC
Sample : WG1545693-3,31,10,10
Misc : WG1545693,ICAL18254
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 11 10:36:01 2021
Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox10911A\V01210911A02.D•

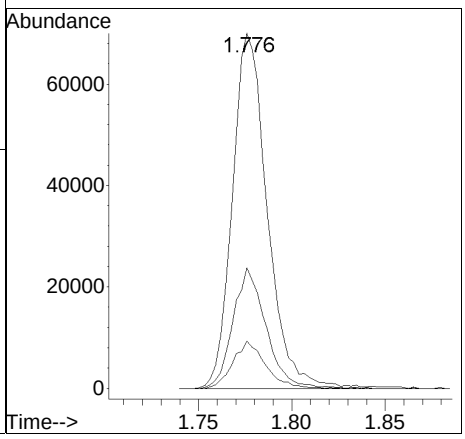


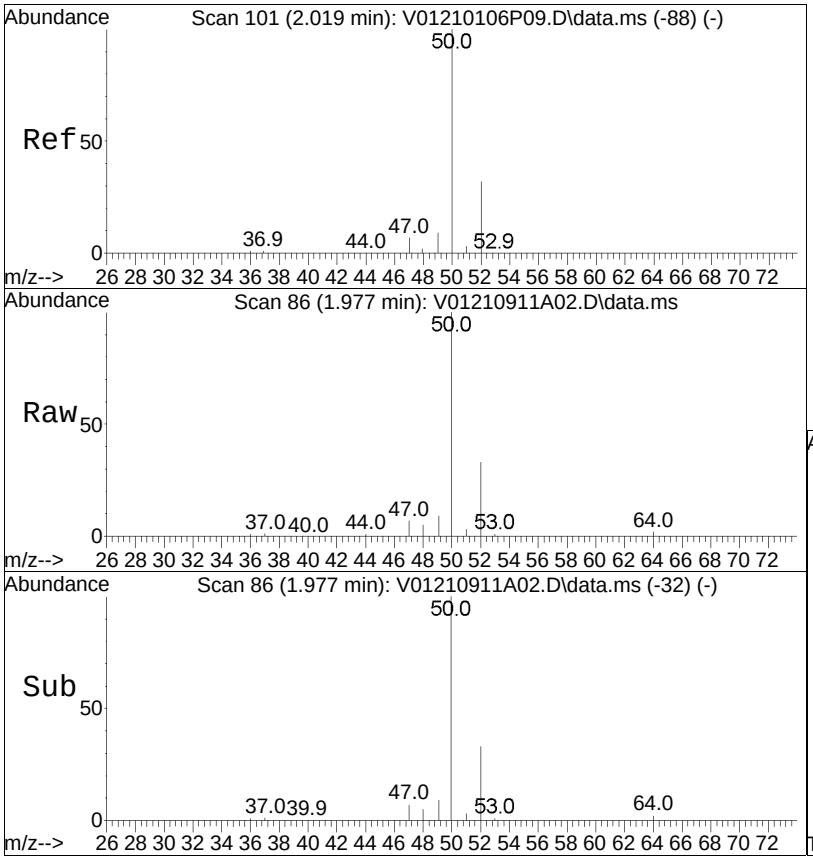


#2
Dichlorodifluoromethane
Concen: 9.89 ug/L
RT: 1.776 min Scan# 14
Delta R.T. -0.000 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion: 85 Resp: 90928

Ion	Ratio	Lower	Upper
85	100		
87	32.1	20.9	43.5
50	12.4	9.1	18.9

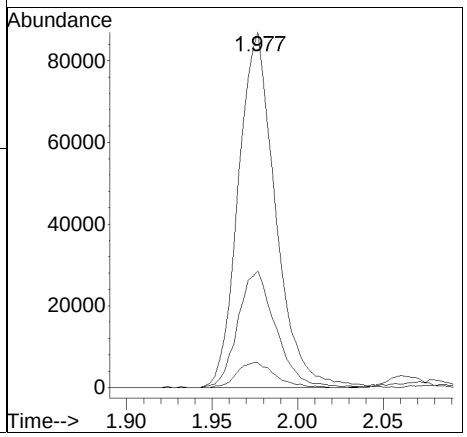


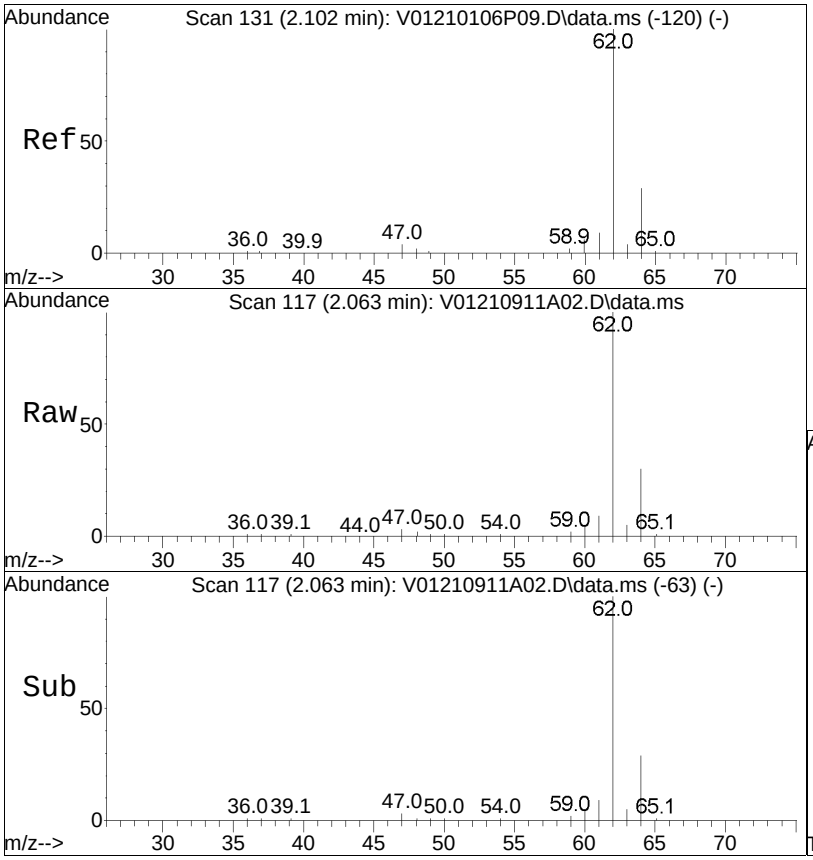


#3
Chloromethane
Concen: 9.18 ug/L
RT: 1.977 min Scan# 86
Delta R.T. 0.001 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion: 50 Resp: 131277

Ion	Ratio	Lower	Upper
50	100		
52	33.3	12.8	52.8
47	7.1	0.0	28.3

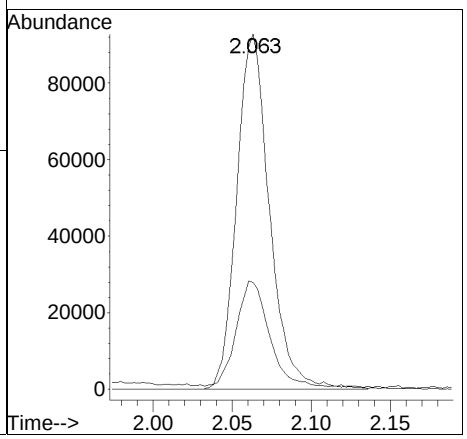


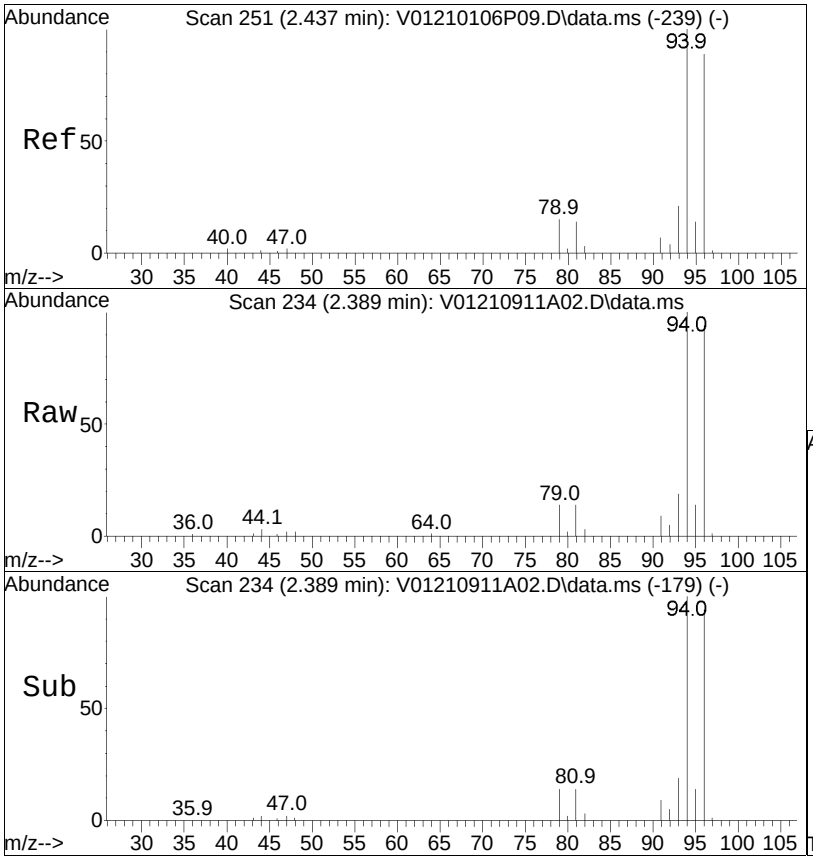


#4
Vinyl chloride
Concen: 9.94 ug/L
RT: 2.063 min Scan# 117
Delta R.T. 0.000 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion: 62 Resp: 134228

Ion	Ratio	Lower	Upper
62	100		
64	29.7	10.8	50.8

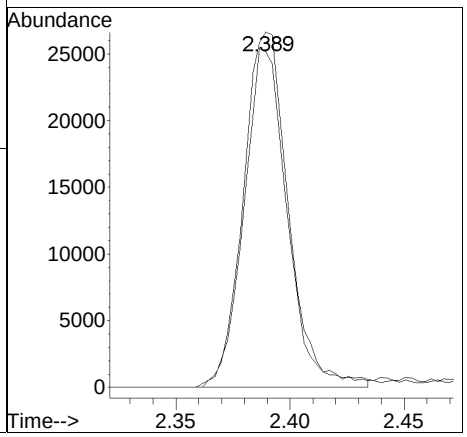


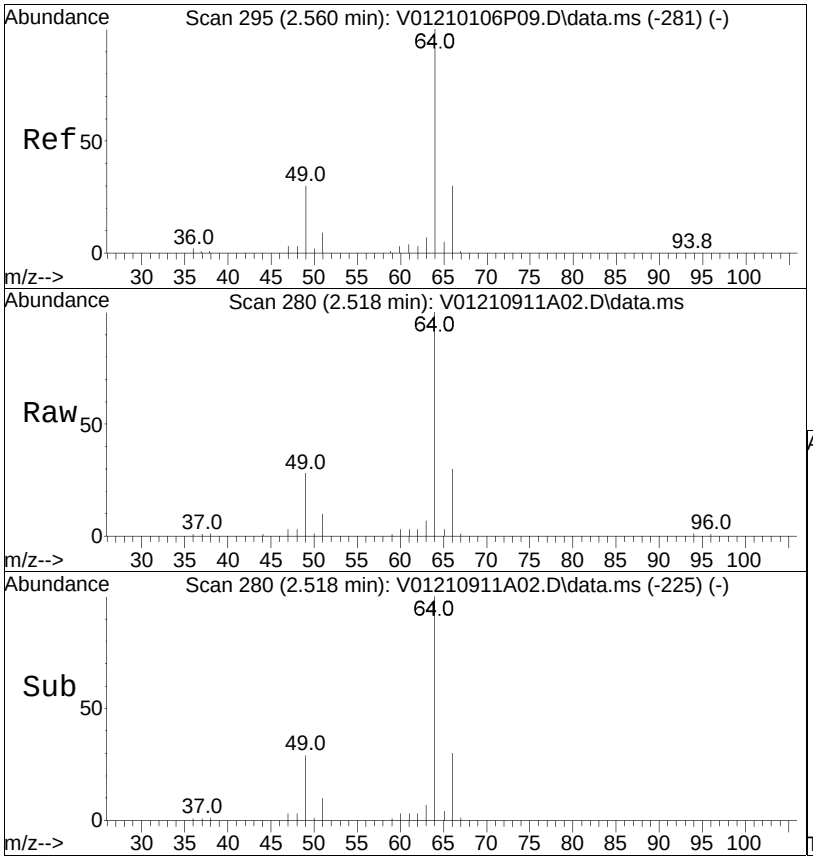


#5
Bromomethane
Concen: 9.99 ug/L
RT: 2.389 min Scan# 234
Delta R.T. 0.003 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion: 94 Resp: 36637

Ion	Ratio	Lower	Upper
94	100		
96	92.3	73.6	113.6

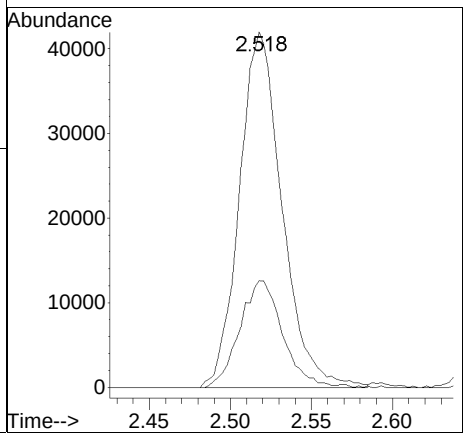


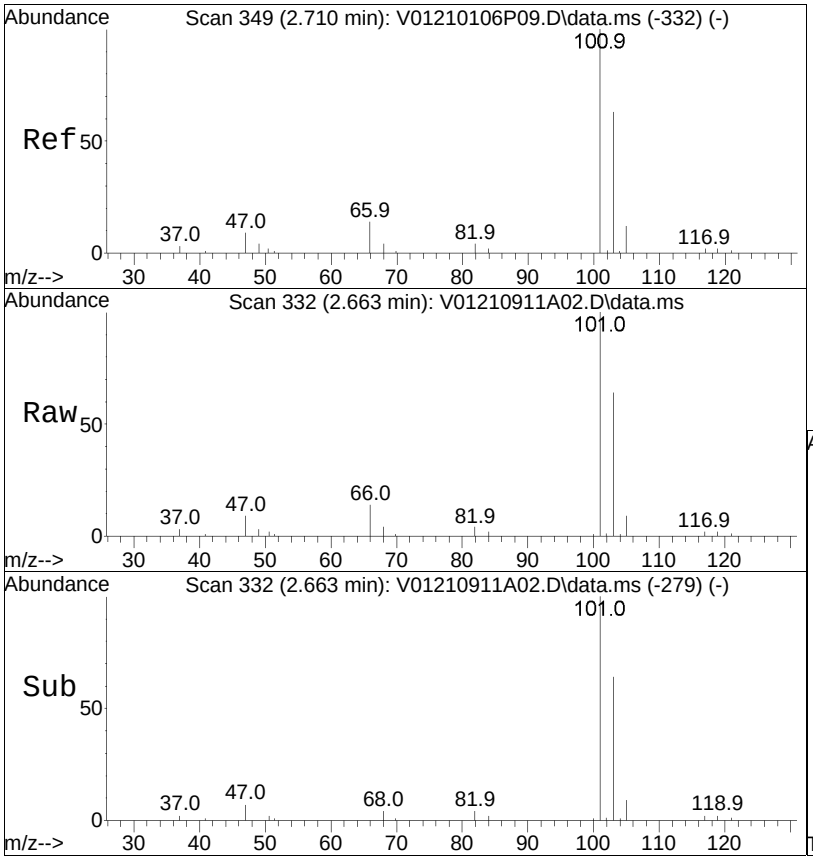


#6
Chloroethane
Concen: 10.34 ug/L
RT: 2.518 min Scan# 280
Delta R.T. 0.003 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion: 64 Resp: 76695

Ion	Ratio	Lower	Upper
64	100		
66	30.1	12.7	52.7

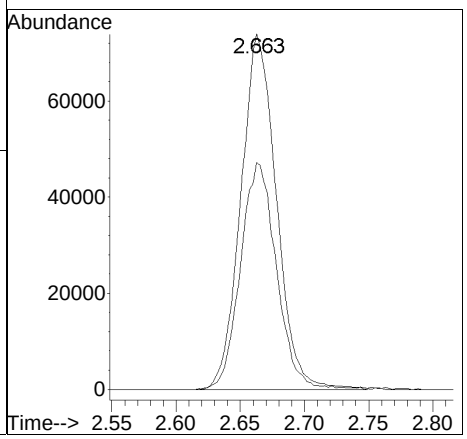


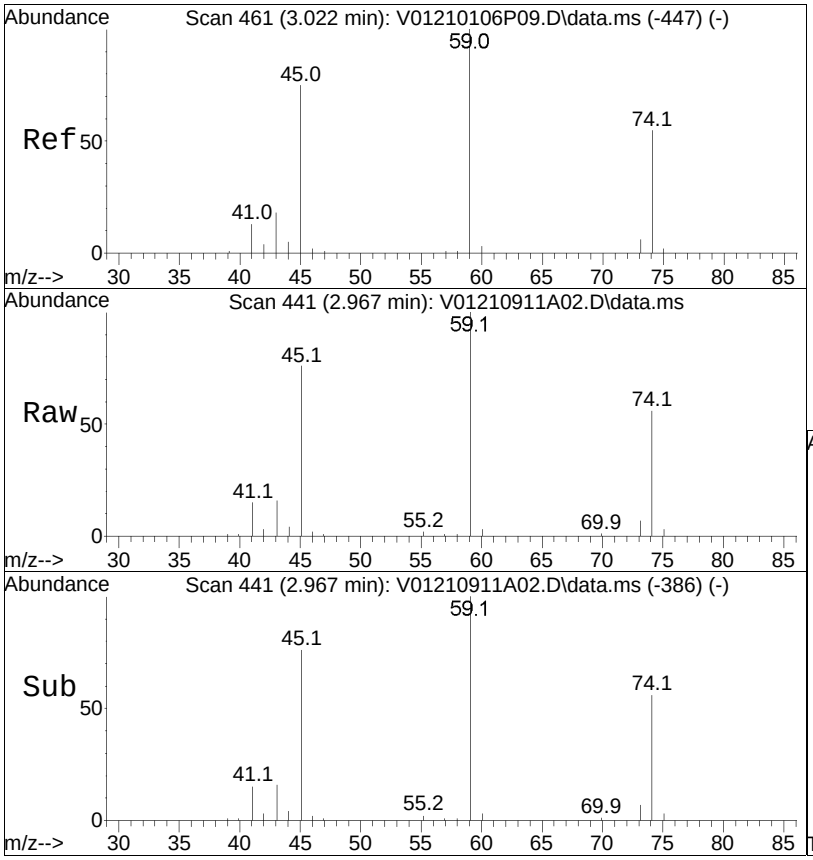


#7
Trichlorofluoromethane
Concen: 10.20 ug/L
RT: 2.663 min Scan# 332
Delta R.T. -0.002 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion:101 Resp: 142438

Ion	Ratio	Lower	Upper
101	100		
103	64.3	52.3	78.5

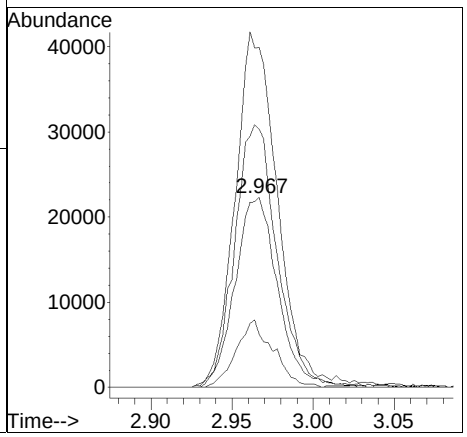


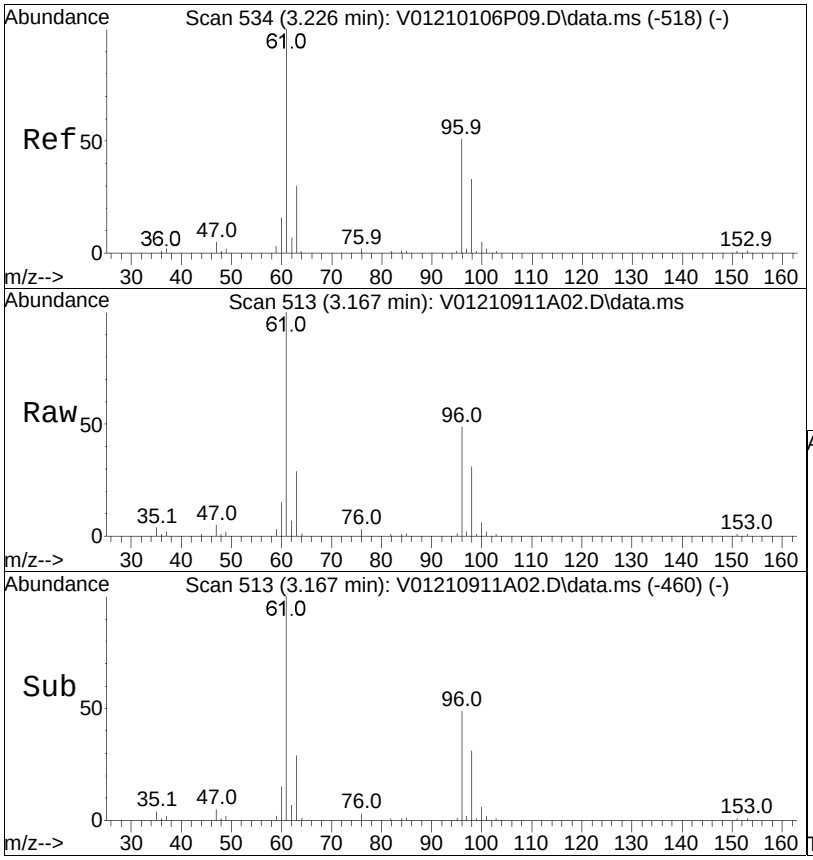


#8
Ethyl ether
Concen: 7.83 ug/L
RT: 2.967 min Scan# 441
Delta R.T. 0.003 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion: 74 Resp: 41167

Ion	Ratio	Lower	Upper
74	100		
59	183.1	88.1	182.9#
45	136.4	66.1	137.3
43	30.6	19.7	40.9

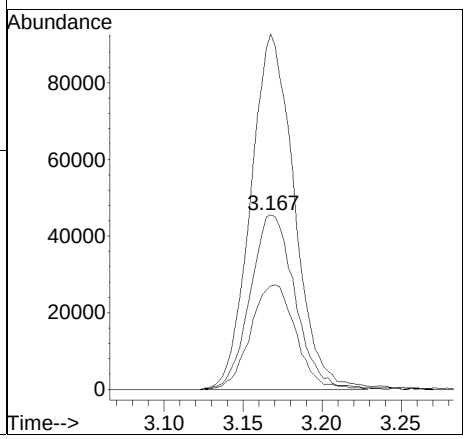


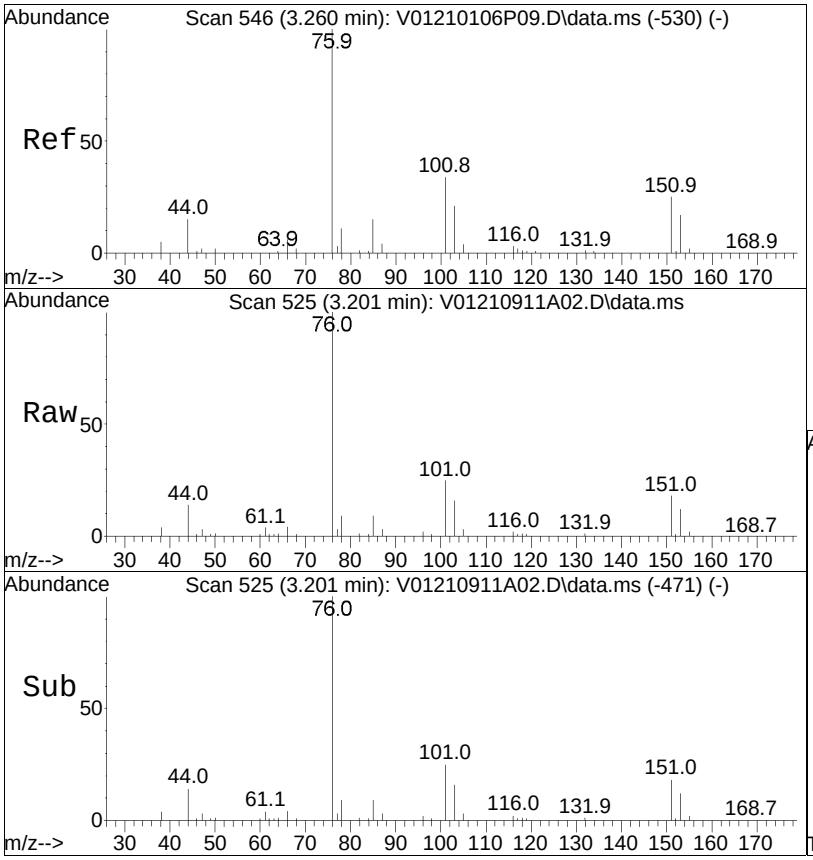


#10
1,1-Dichloroethene
Concen: 9.84 ug/L
RT: 3.167 min Scan# 513
Delta R.T. -0.003 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion: 96 Resp: 89557

Ion	Ratio	Lower	Upper
96	100		
61	198.5	136.8	205.2
63	60.9	43.6	65.4

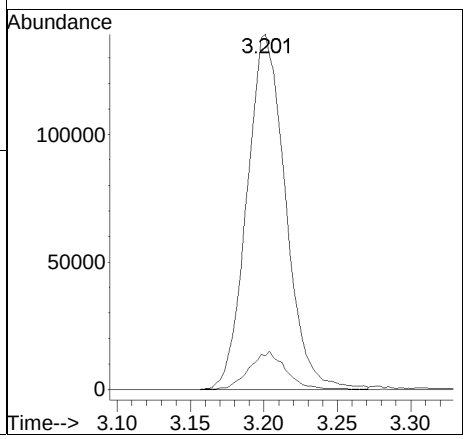


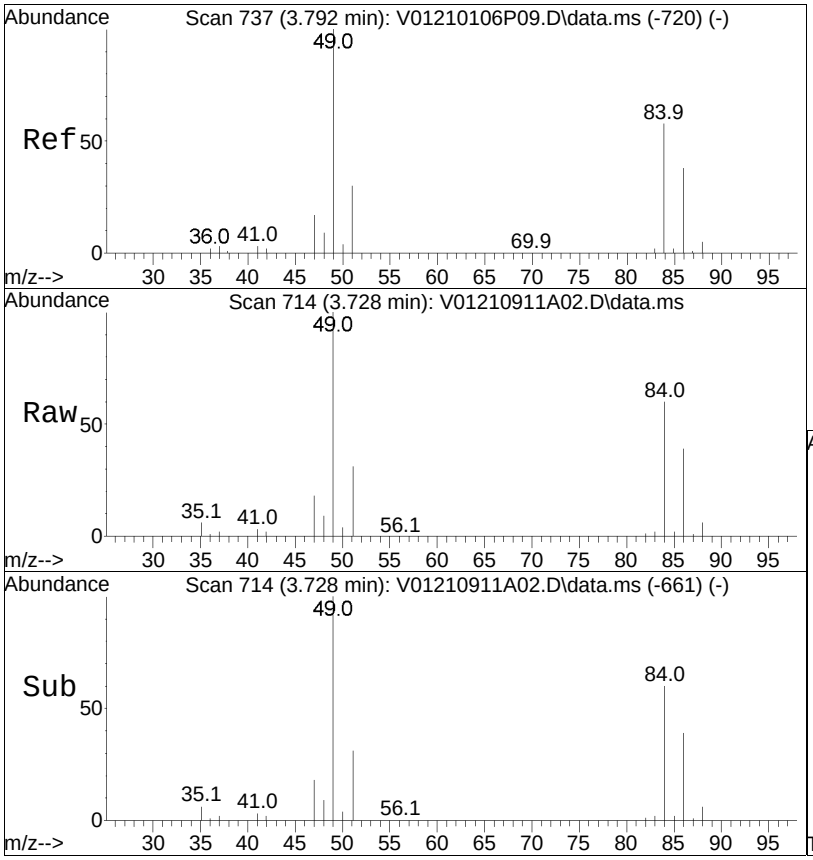


#11
Carbon disulfide
Concen: 9.35 ug/L
RT: 3.201 min Scan# 525
Delta R.T. -0.000 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion: 76 Resp: 254829

Ion	Ratio	Lower	Upper
76	100		
78	10.1	6.6	13.8

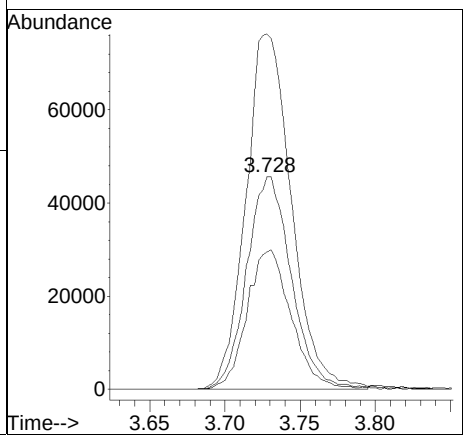


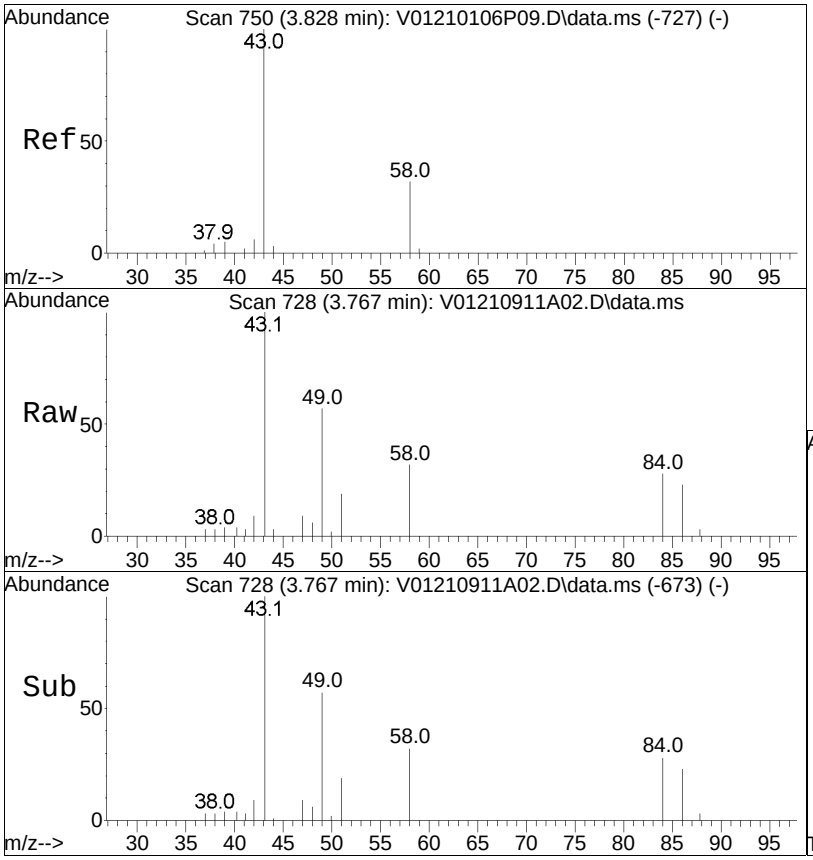


#15
Methylene chloride
Concen: 9.39 ug/L
RT: 3.728 min Scan# 714
Delta R.T. -0.003 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion: 84 Resp: 94553

Ion	Ratio	Lower	Upper
84	100		
86	64.8	41.7	86.7
49	170.7	89.1	185.1

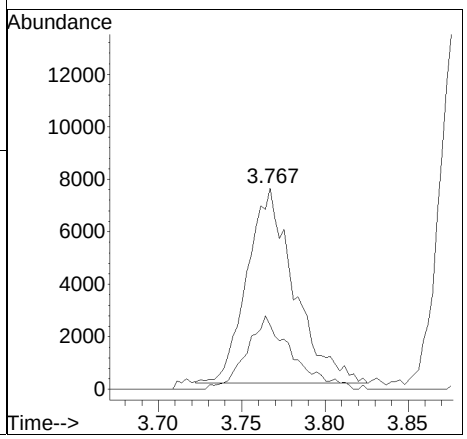


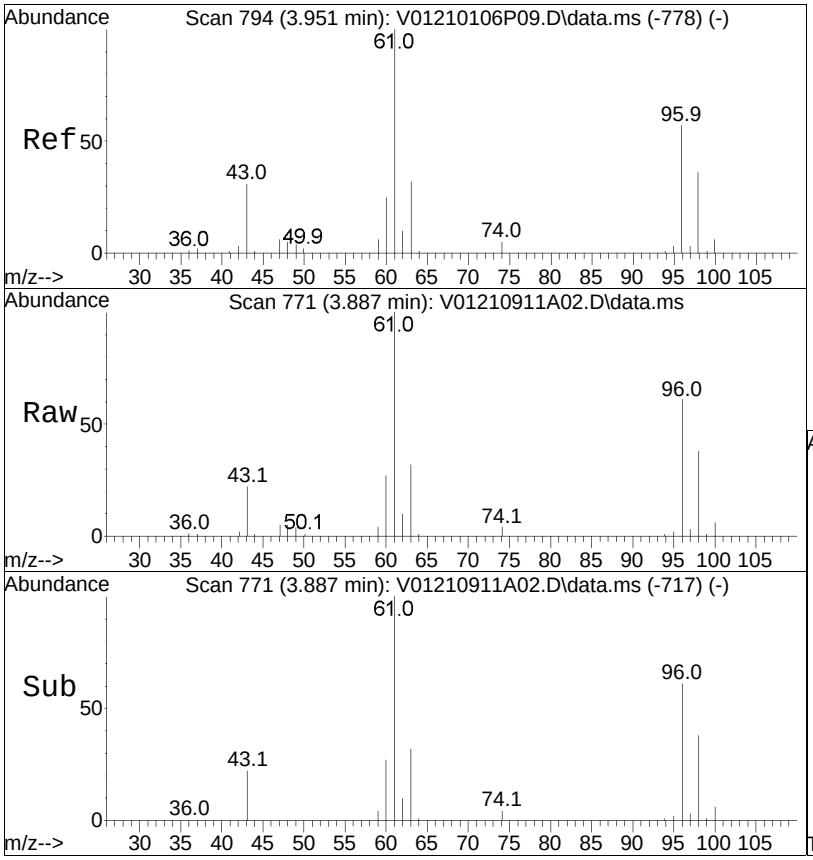


#17
Acetone
Concen: 8.18 ug/L
RT: 3.767 min Scan# 728
Delta R.T. 0.003 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion: 43 Resp: 14748

Ion	Ratio	Lower	Upper
43	100		
58	36.3	25.9	38.9

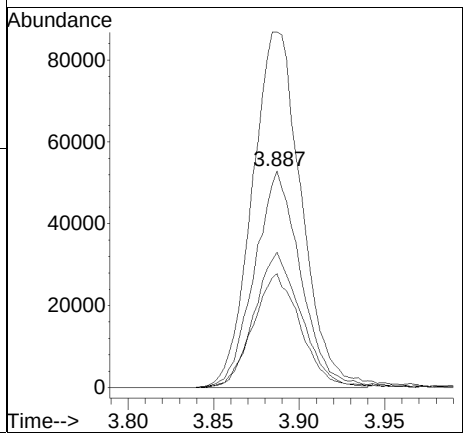


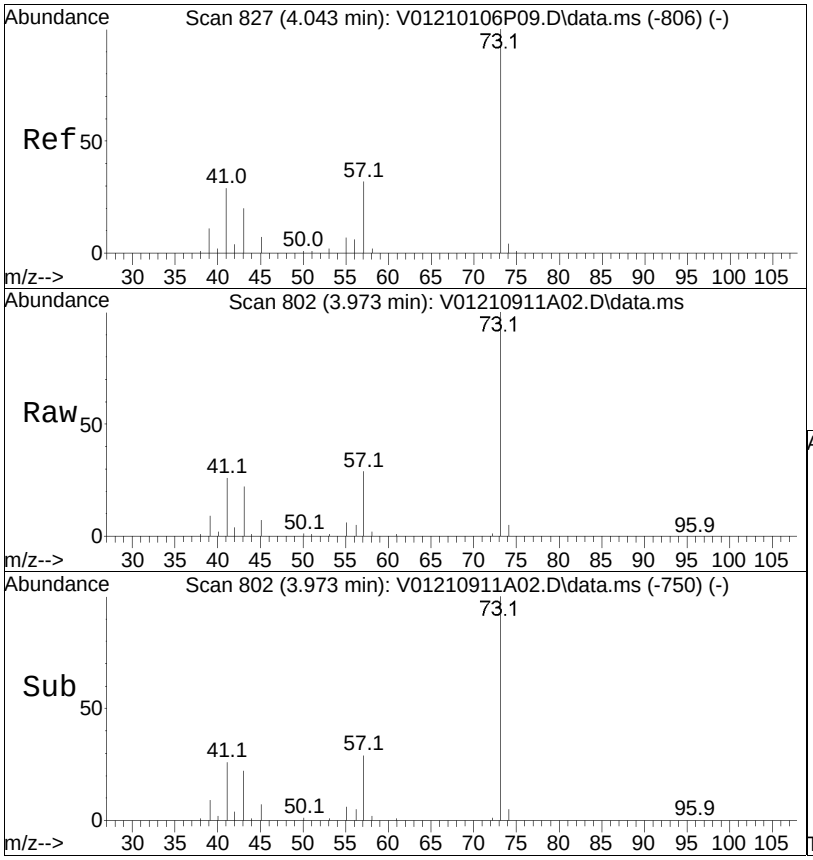


#18
trans-1,2-Dichloroethene
Concen: 9.91 ug/L
RT: 3.887 min Scan# 771
Delta R.T. -0.000 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion: 96 Resp: 98926

Ion	Ratio	Lower	Upper
96	100		
61	176.3	95.3	197.9
98	63.2	41.0	85.2
63	53.7	30.2	62.6

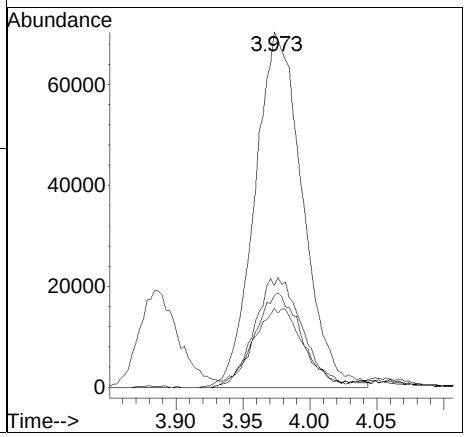


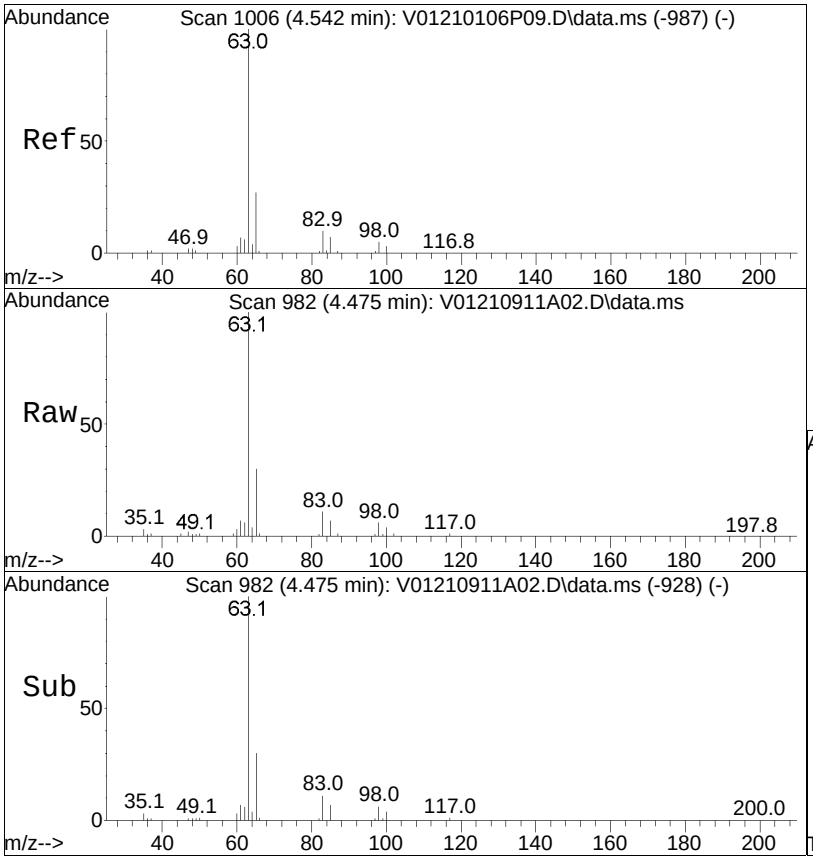


#20
Methyl tert-butyl ether
Concen: 7.38 ug/L
RT: 3.973 min Scan# 802
Delta R.T. -0.006 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion: 73 Resp: 173948

Ion	Ratio	Lower	Upper
73	100		
57	14.0	14.8	30.6#
43	21.6	15.5	32.3
41	26.0	14.1	29.3

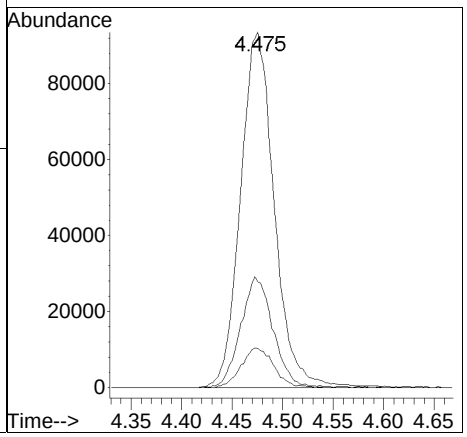


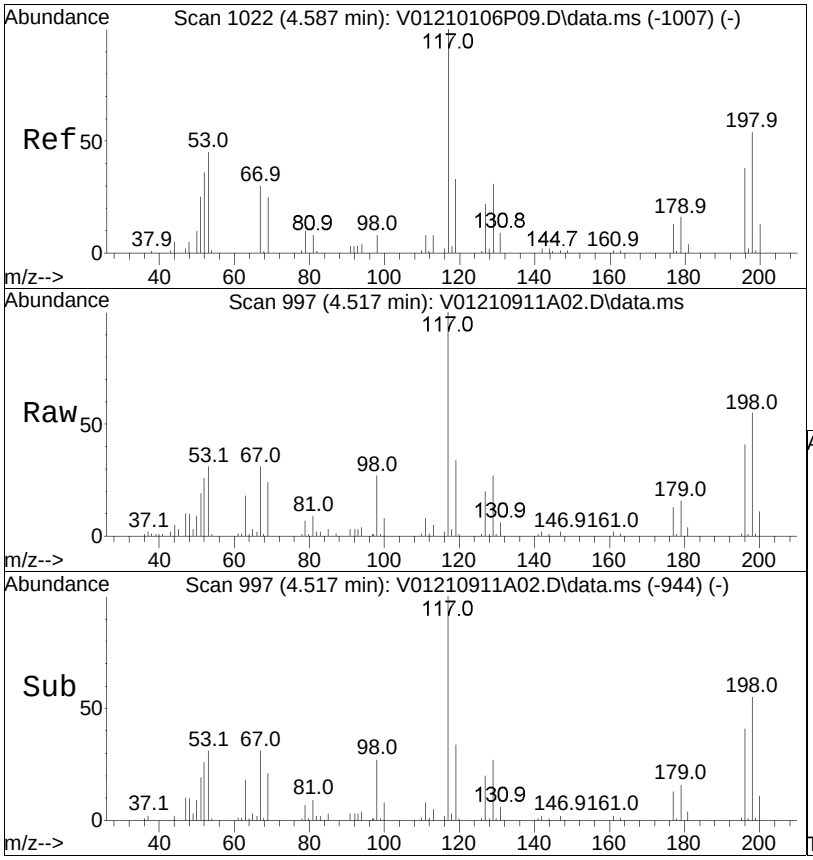


#23
1,1-Dichloroethane
Concen: 9.78 ug/L
RT: 4.475 min Scan# 982
Delta R.T. 0.000 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion: 63 Resp: 216385

Ion	Ratio	Lower	Upper
63	100		
65	29.7	10.9	50.9
83	10.7	0.0	33.0

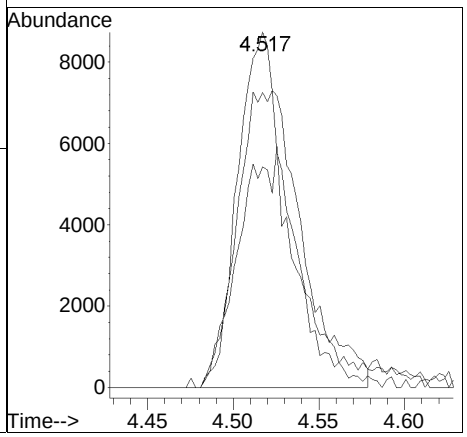


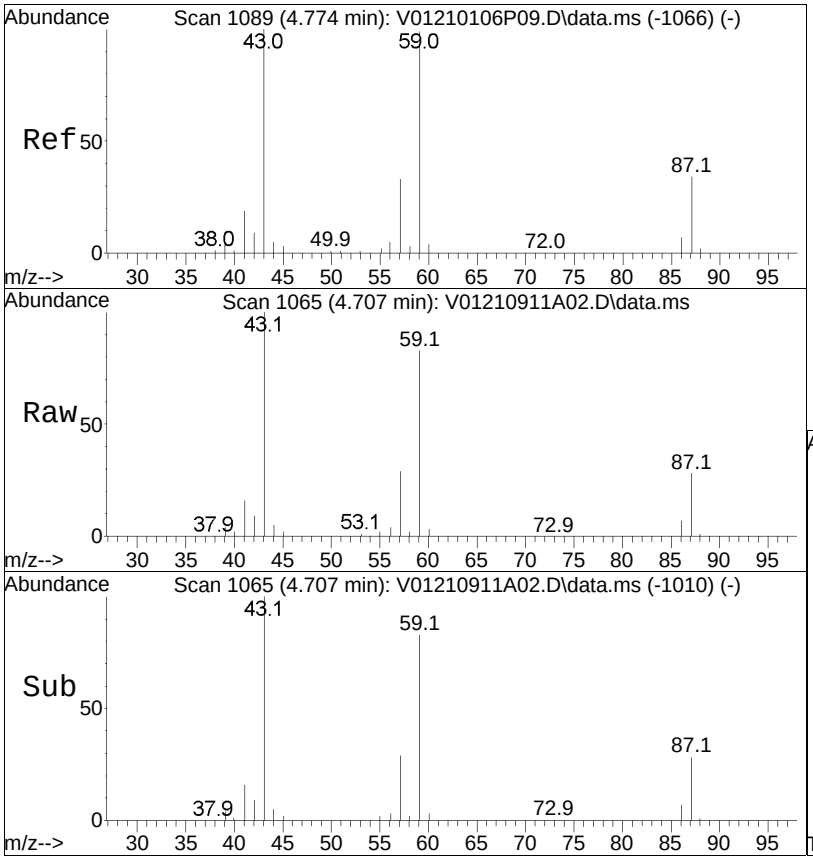


#25
Acrylonitrile
Concen: 6.88 ug/L
RT: 4.517 min Scan# 997
Delta R.T. -0.003 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion: 53 Resp: 20857

Ion	Ratio	Lower	Upper
53	100		
52	82.8	69.1	103.7
51	65.3	58.3	87.5

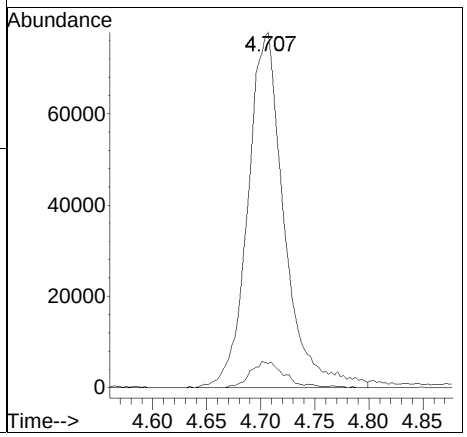


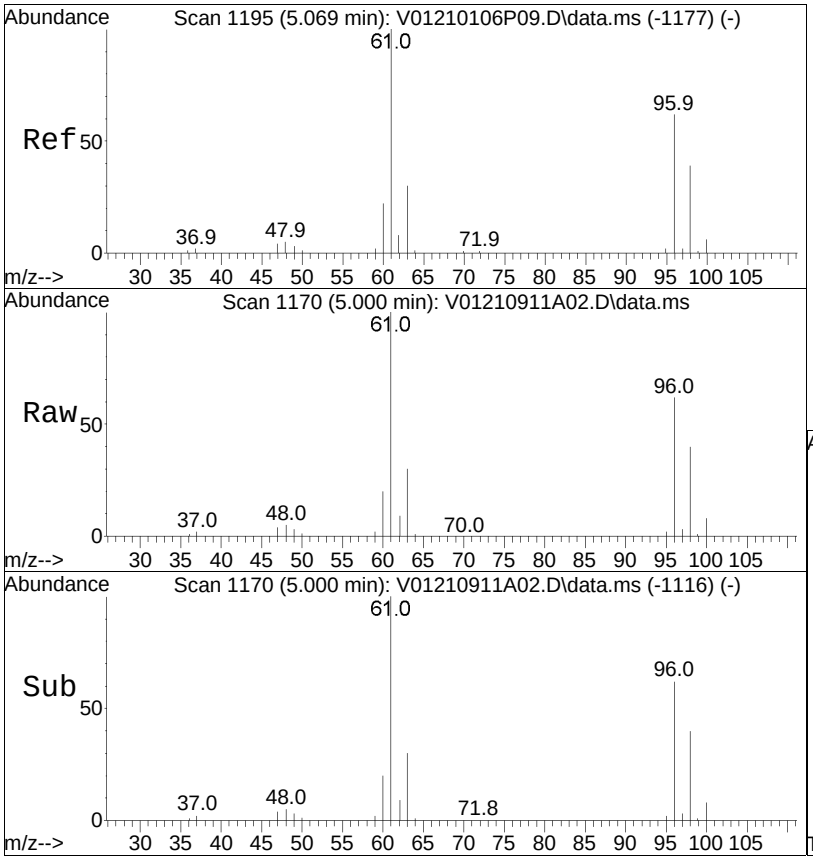


#27
Vinyl acetate
Concen: 8.15 ug/L
RT: 4.707 min Scan# 1065
Delta R.T. 0.003 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion: 43 Resp: 181971

Ion	Ratio	Lower	Upper
43	100		
86	6.4	6.6	9.8#

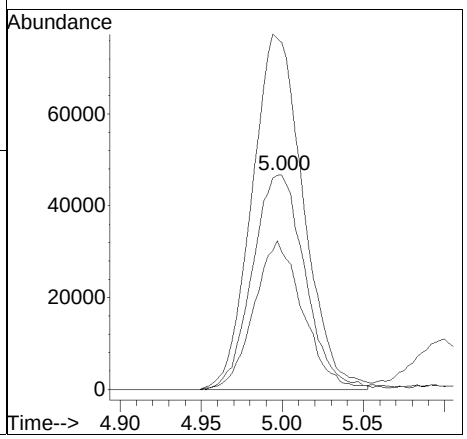


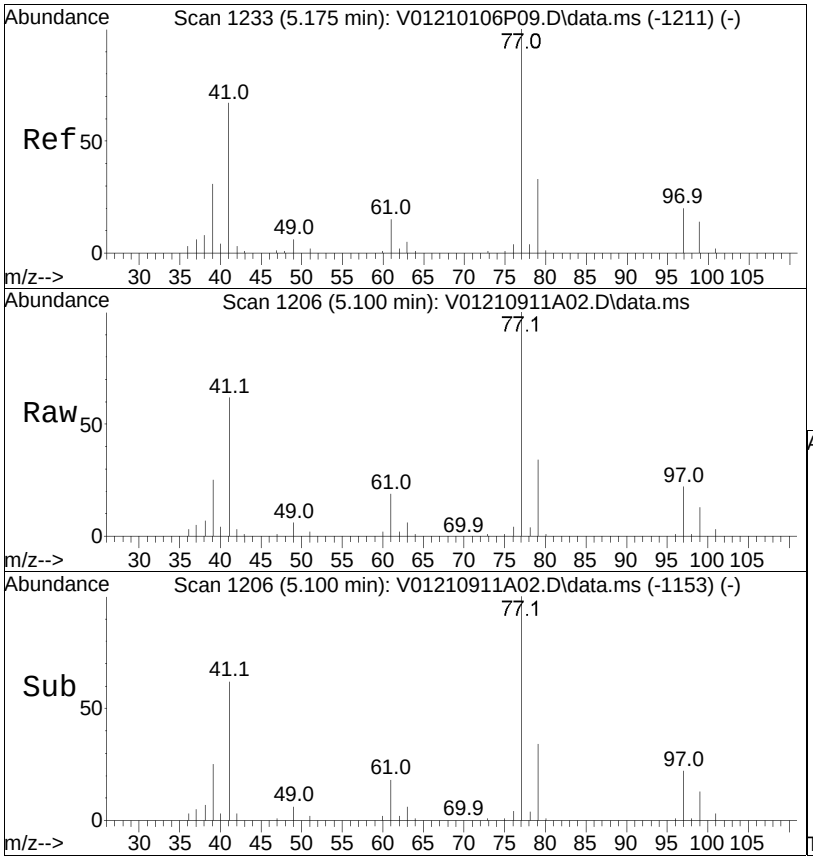


#28
cis-1,2-Dichloroethene
Concen: 9.71 ug/L
RT: 5.000 min Scan# 1170
Delta R.T. 0.001 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion: 96 Resp: 105091

Ion	Ratio	Lower	Upper
96	100		
61	162.5	105.8	158.6#
98	65.2	51.1	76.7

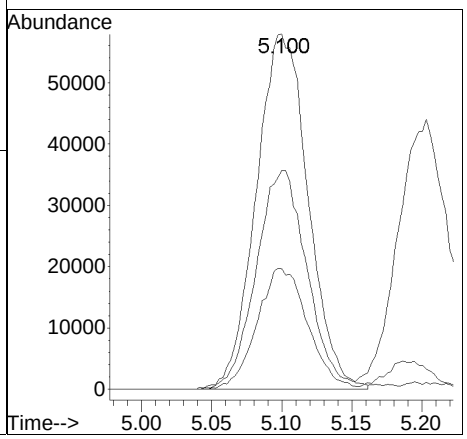


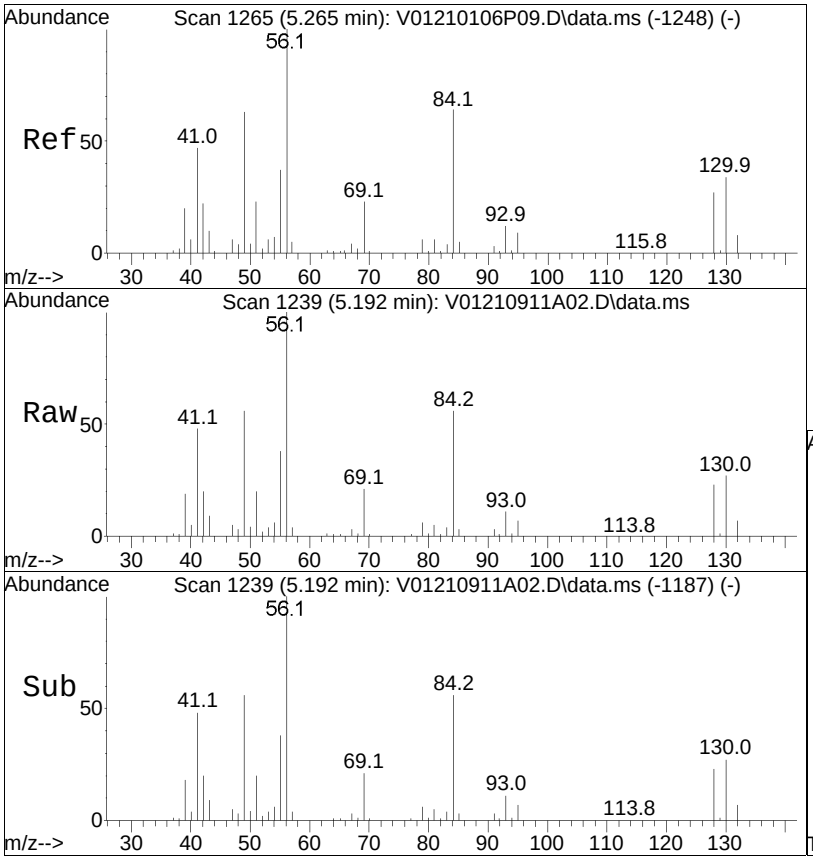


#29
2,2-Dichloropropane
Concen: 10.87 ug/L
RT: 5.100 min Scan# 1206
Delta R.T. -0.003 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion: 77 Resp: 149414

Ion	Ratio	Lower	Upper
77	100		
41	60.2	39.6	82.3
79	33.4	20.9	43.3

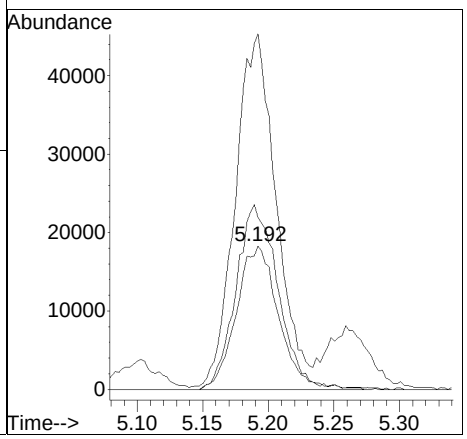


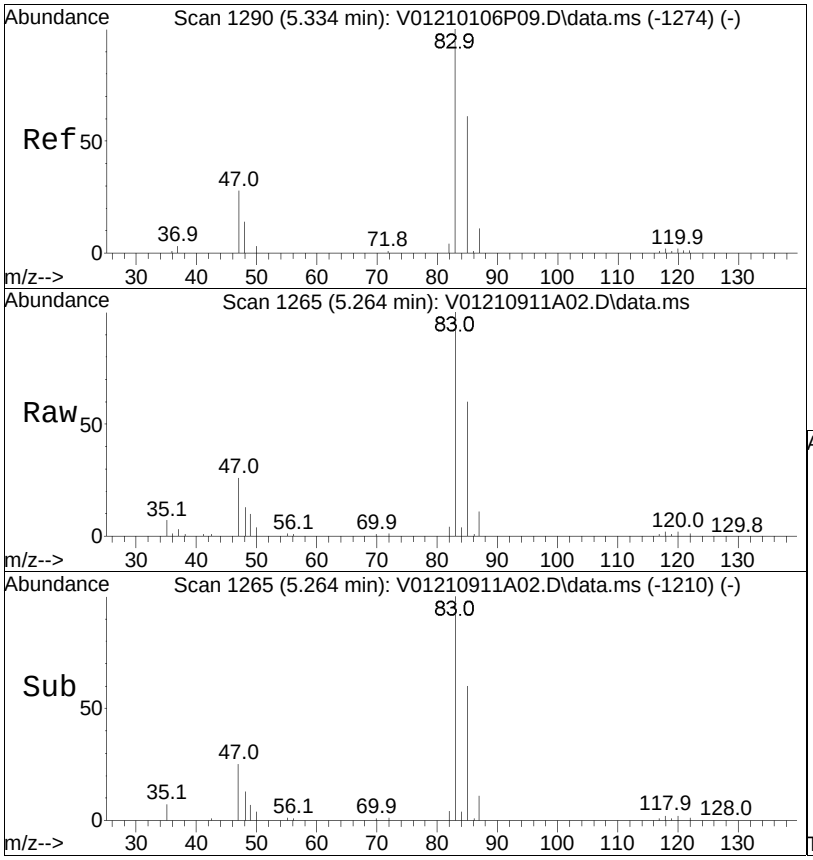


#30
Bromochloromethane
Concen: 9.66 ug/L
RT: 5.192 min Scan# 1239
Delta R.T. -0.005 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion:128 Resp: 40871

Ion	Ratio	Lower	Upper
128	100		
49	240.1	140.4	210.6#
130	128.0	103.1	154.7

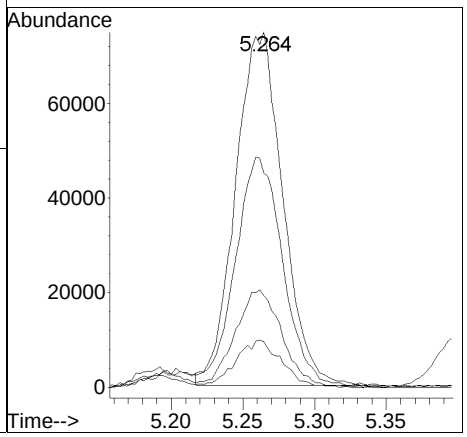


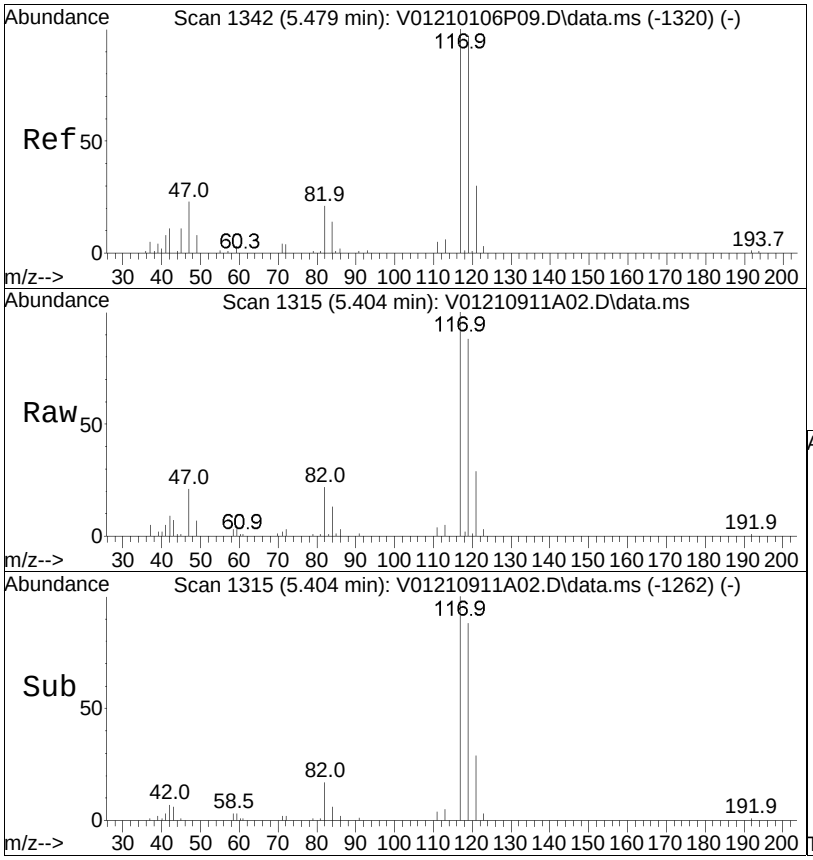


#32
Chloroform
Concen: 9.92 ug/L
RT: 5.264 min Scan# 1265
Delta R.T. 0.002 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion: 83 Resp: 171232

Ion	Ratio	Lower	Upper
83	100		
85	64.7	42.3	87.8
47	26.6	17.8	37.0
48	13.2	9.3	19.3

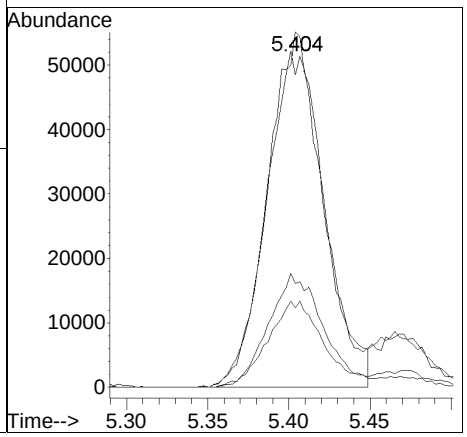


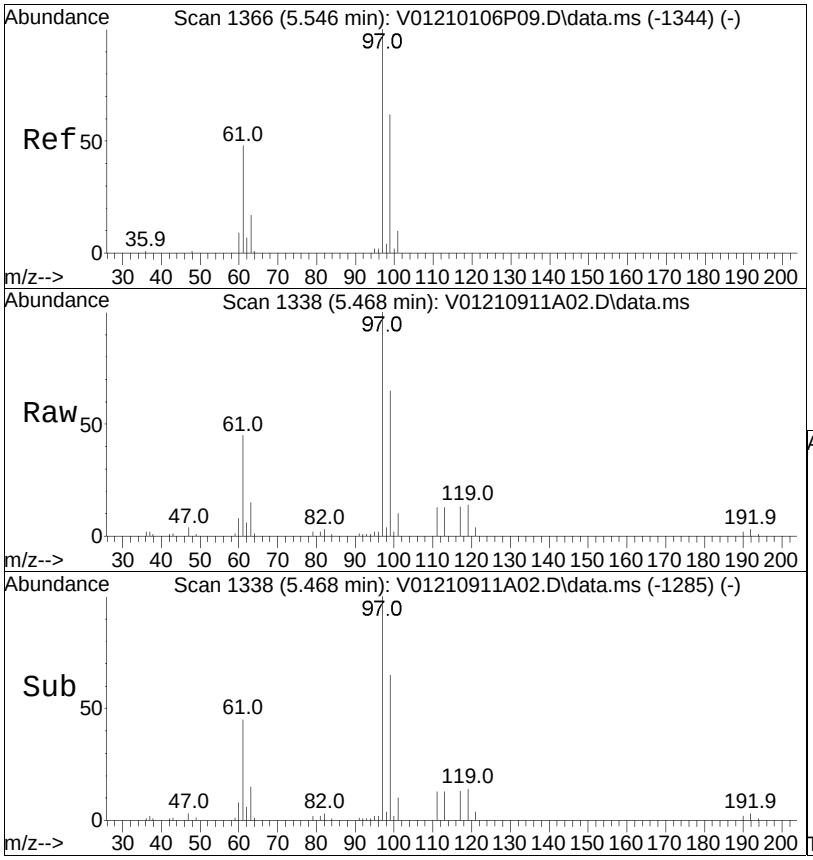


#34
Carbon tetrachloride
Concen: 10.04 ug/L
RT: 5.404 min Scan# 1315
Delta R.T. -0.003 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion:117 Resp: 133001

Ion	Ratio	Lower	Upper
117	100		
119	95.8	62.1	128.9
121	31.3	19.8	41.0
82	24.4	17.1	35.5

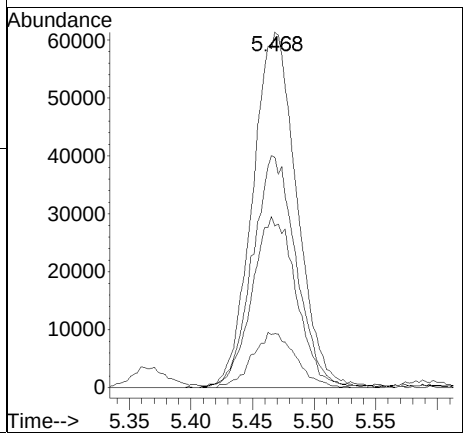


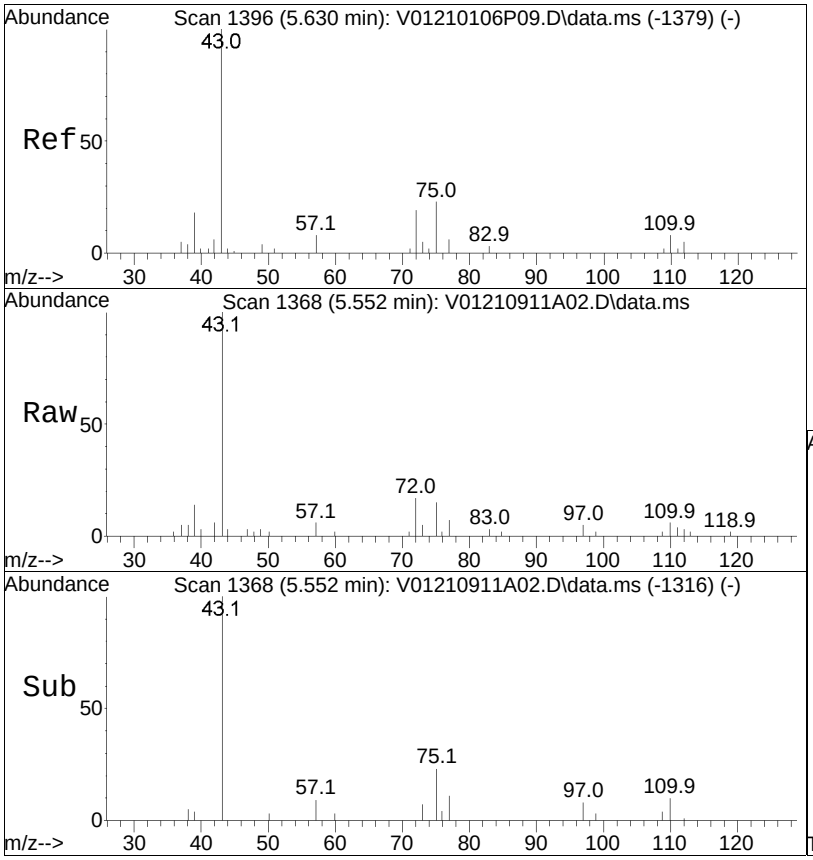


#37
1,1,1-Trichloroethane
Concen: 10.48 ug/L
RT: 5.468 min Scan# 1338
Delta R.T. -0.003 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion: 97 Resp: 153476

Ion	Ratio	Lower	Upper
97	100		
99	64.0	41.7	86.7
61	48.1	29.4	61.2
63	15.1	9.4	19.4

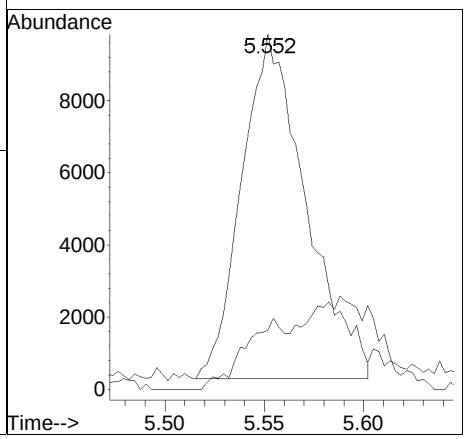


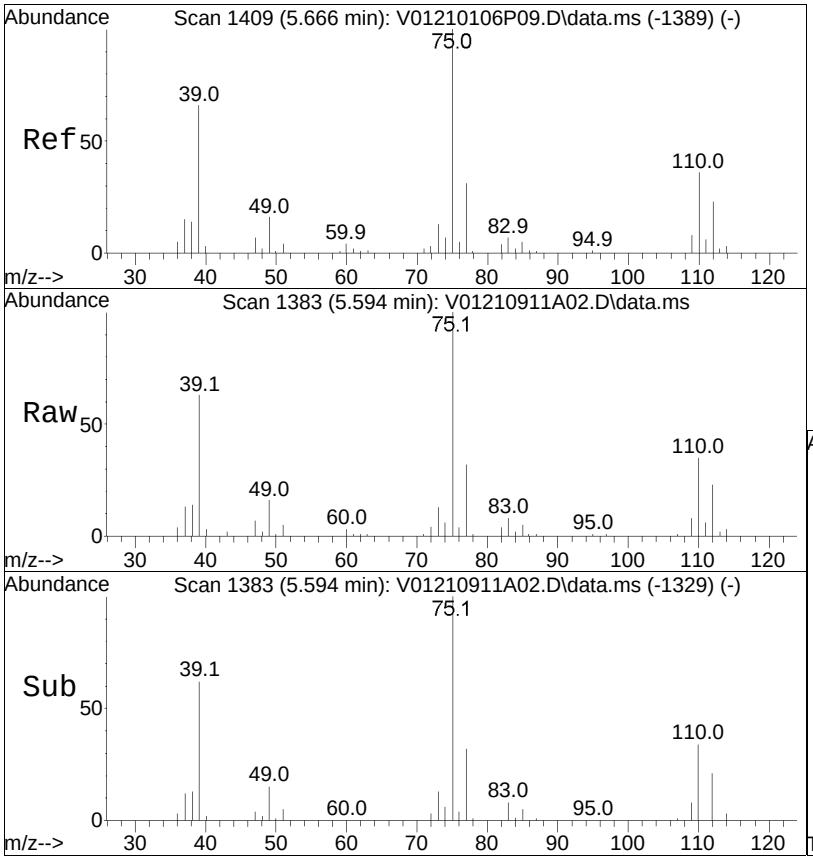


#39
2-Butanone
Concen: 7.16 ug/L
RT: 5.552 min Scan# 1368
Delta R.T. -0.005 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion: 43 Resp: 21469

Ion	Ratio	Lower	Upper
43	100		
72	12.6	45.8	68.6#

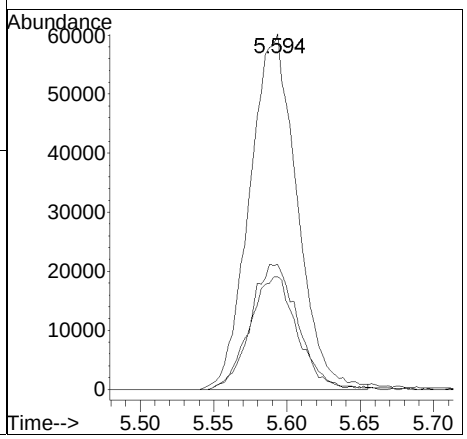


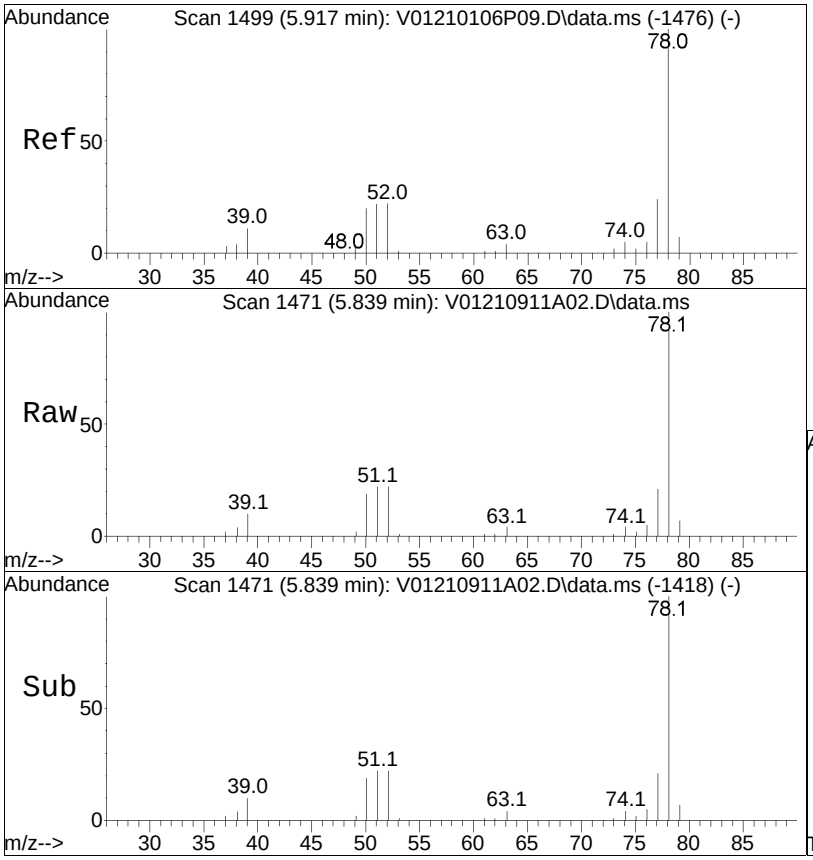


#40
1,1-Dichloropropene
Concen: 9.84 ug/L
RT: 5.594 min Scan# 1383
Delta R.T. 0.001 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion: 75 Resp: 134609

Ion	Ratio	Lower	Upper
75	100		
110	35.8	22.2	46.2
77	31.5	20.2	42.0

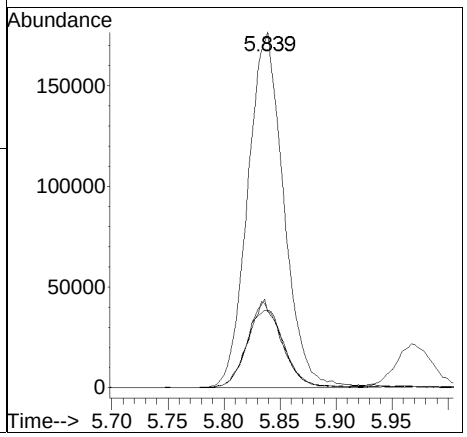


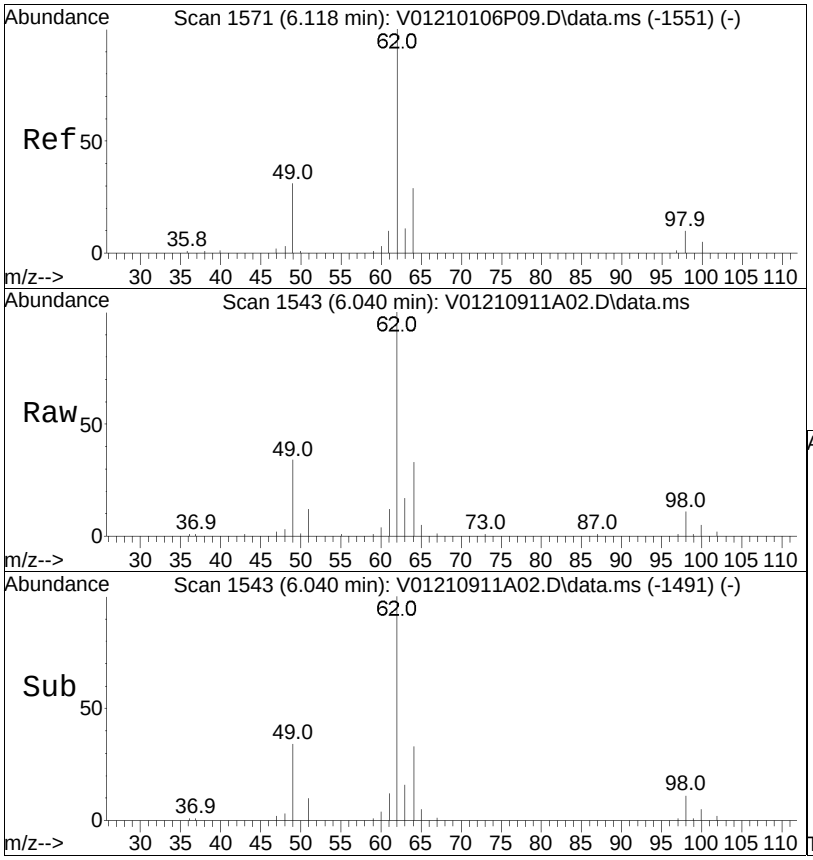


#41
Benzene
Concen: 9.71 ug/L
RT: 5.839 min Scan# 1471
Delta R.T. -0.003 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion: 78 Resp: 393651

Ion	Ratio	Lower	Upper
78	100		
77	23.3	15.7	32.5
51	22.3	11.6	24.2
52	23.4	10.9	22.5#

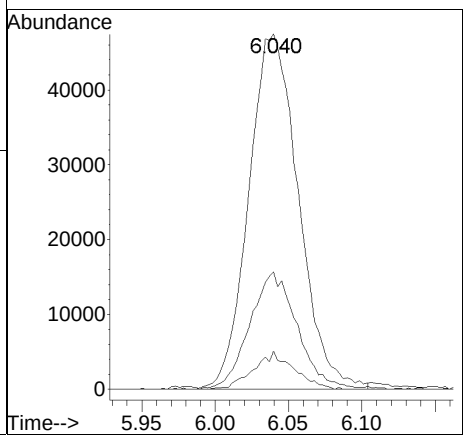


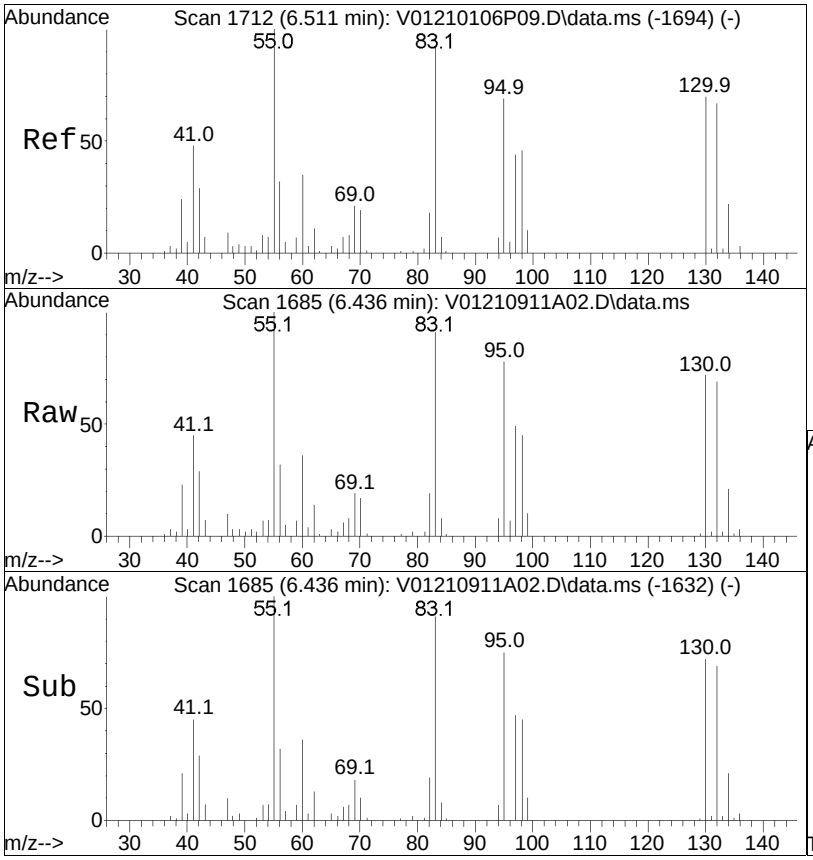


#44
1,2-Dichloroethane
Concen: 8.85 ug/L
RT: 6.040 min Scan# 1543
Delta R.T. -0.005 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion: 62 Resp: 112024

Ion	Ratio	Lower	Upper
62	100		
64	31.5	12.1	52.1
98	8.8	0.0	28.8

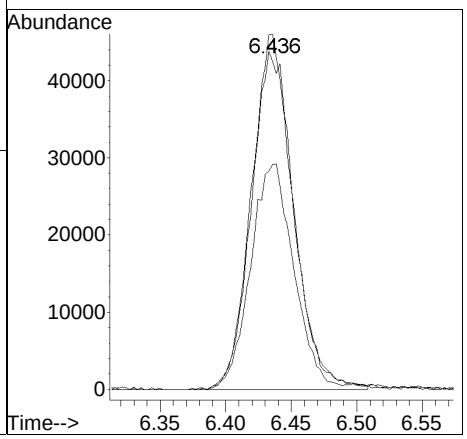


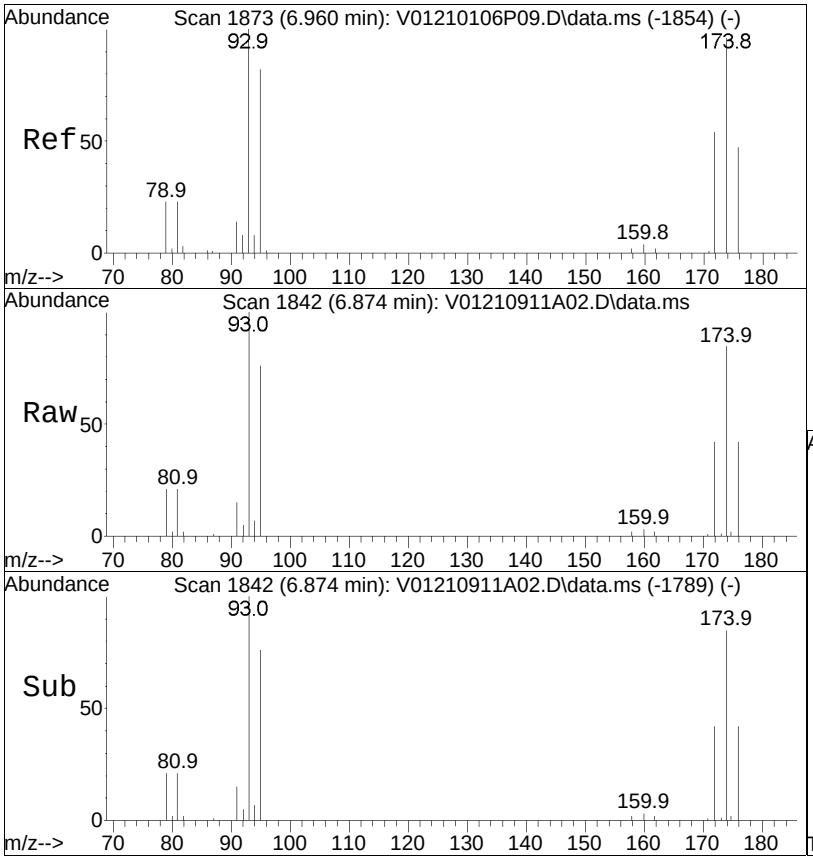


#48
Trichloroethene
Concen: 9.77 ug/L
RT: 6.436 min Scan# 1685
Delta R.T. -0.002 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion: 95 Resp: 102081

Ion	Ratio	Lower	Upper
95	100		
97	65.8	54.4	81.6
130	97.3	80.6	120.8

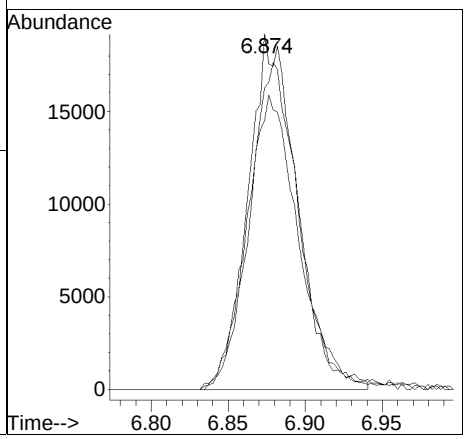


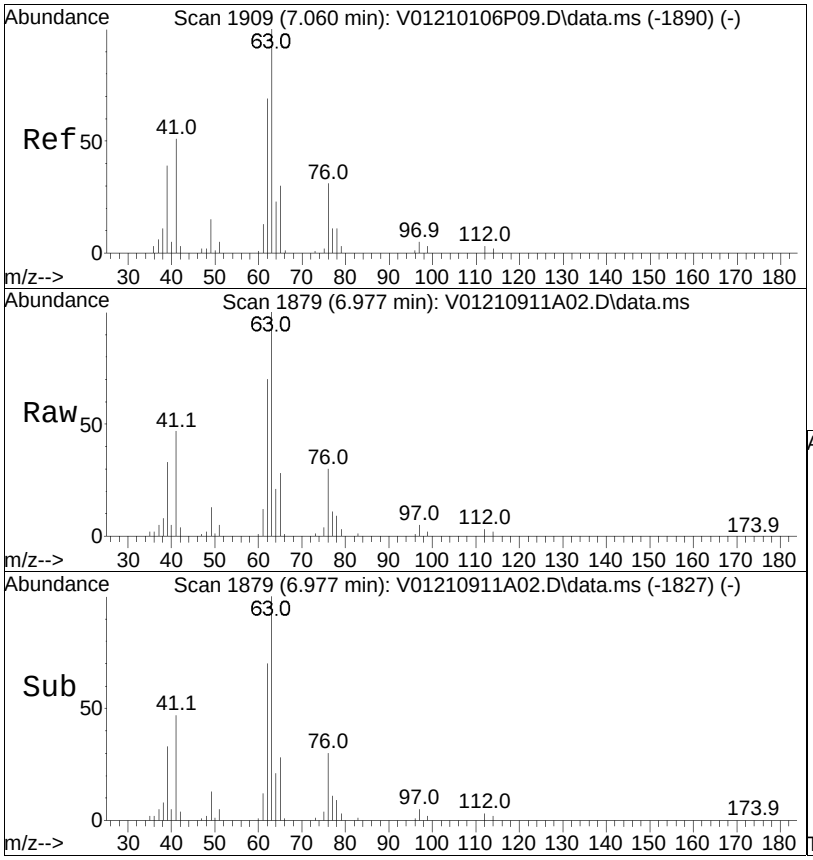


#50
Dibromomethane
Concen: 8.62 ug/L
RT: 6.874 min Scan# 1842
Delta R.T. -0.002 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion: 93 Resp: 42812

Ion	Ratio	Lower	Upper
93	100		
95	83.6	68.6	102.8
174	94.9	80.5	120.7

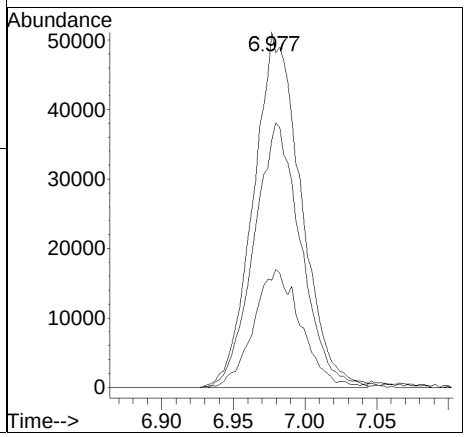


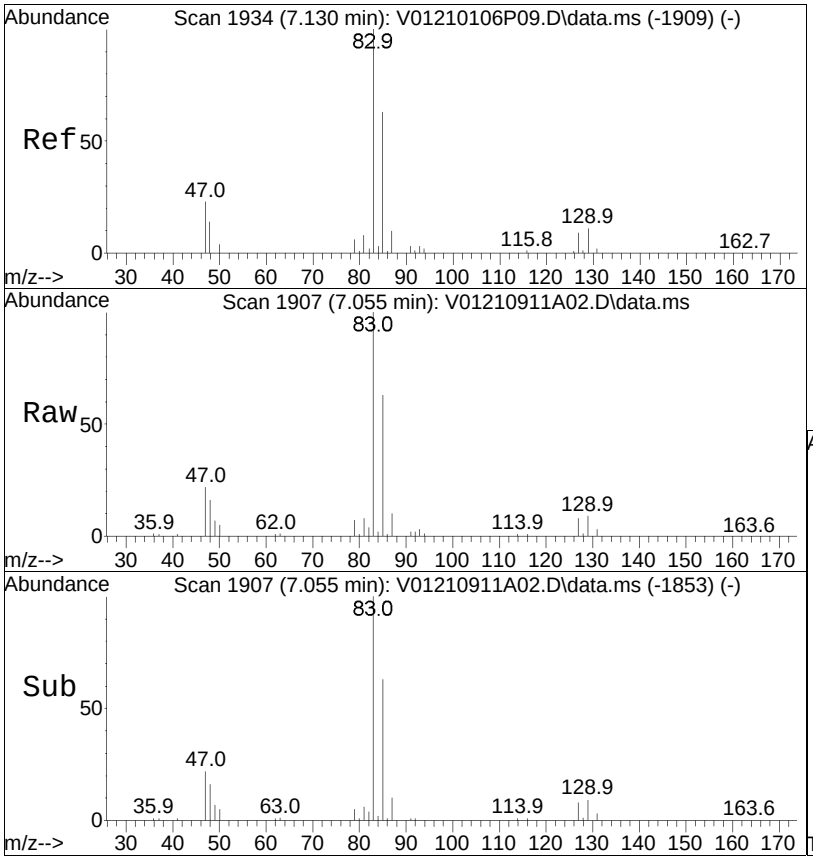


#51
1,2-Dichloropropane
Concen: 9.15 ug/L
RT: 6.977 min Scan# 1879
Delta R.T. -0.005 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion: 63 Resp: 118158

Ion	Ratio	Lower	Upper
63	100		
62	73.8	57.2	85.8
76	33.0	33.6	50.4#

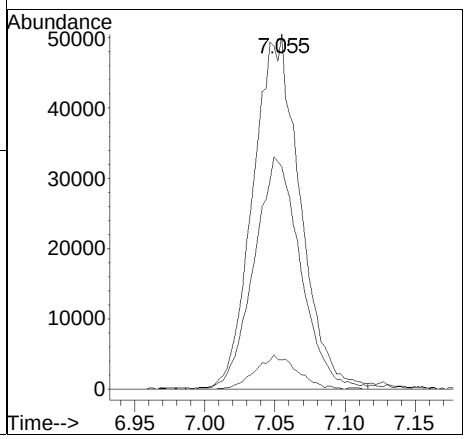


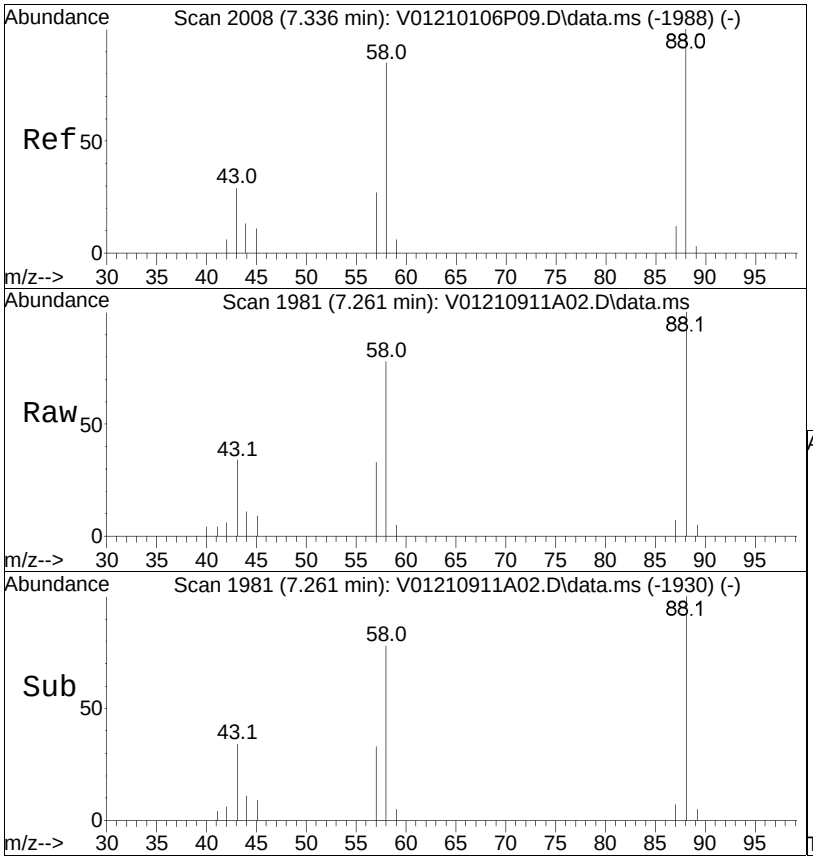


#54
Bromodichloromethane
Concen: 9.16 ug/L
RT: 7.055 min Scan# 1907
Delta R.T. -0.000 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion: 83 Resp: 118642

Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.2	78.4
127	8.7	6.9	10.3

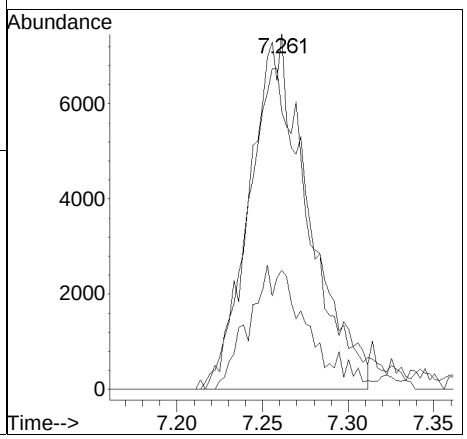


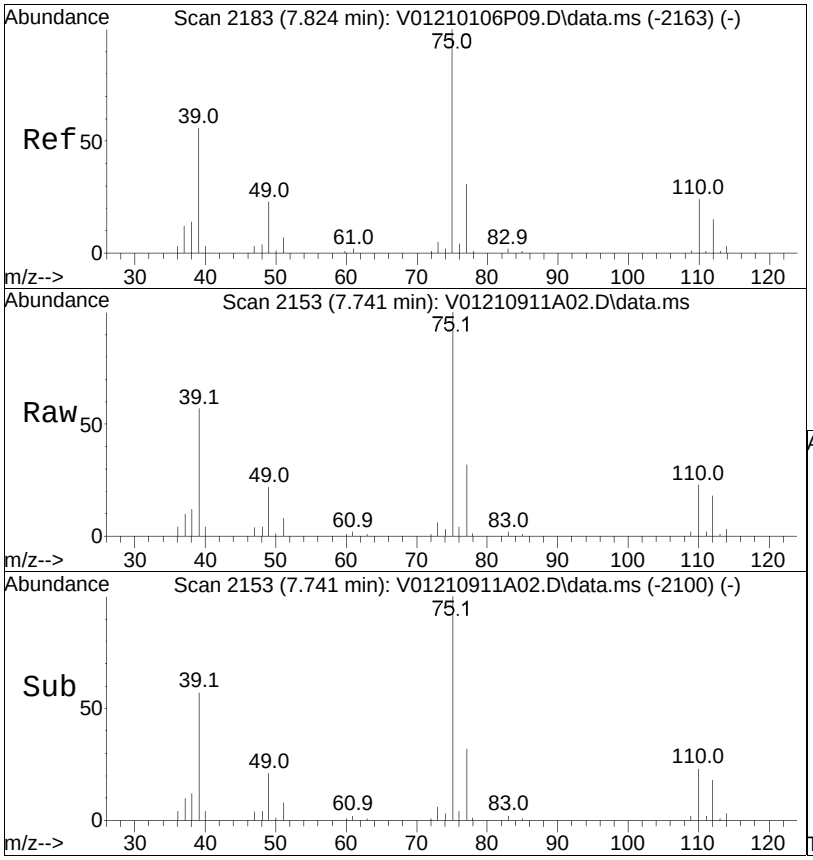


#57
1,4-Dioxane
Concen: 458.98 ug/L
RT: 7.261 min Scan# 1981
Delta R.T. -0.008 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion: 88 Resp: 17868

Ion	Ratio	Lower	Upper
88	100		
58	97.2	54.8	82.2#
43	14.7	29.3	43.9#

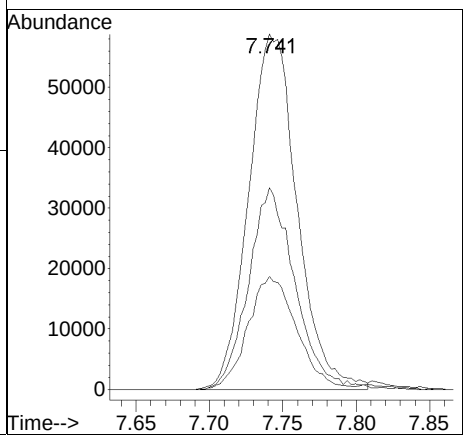


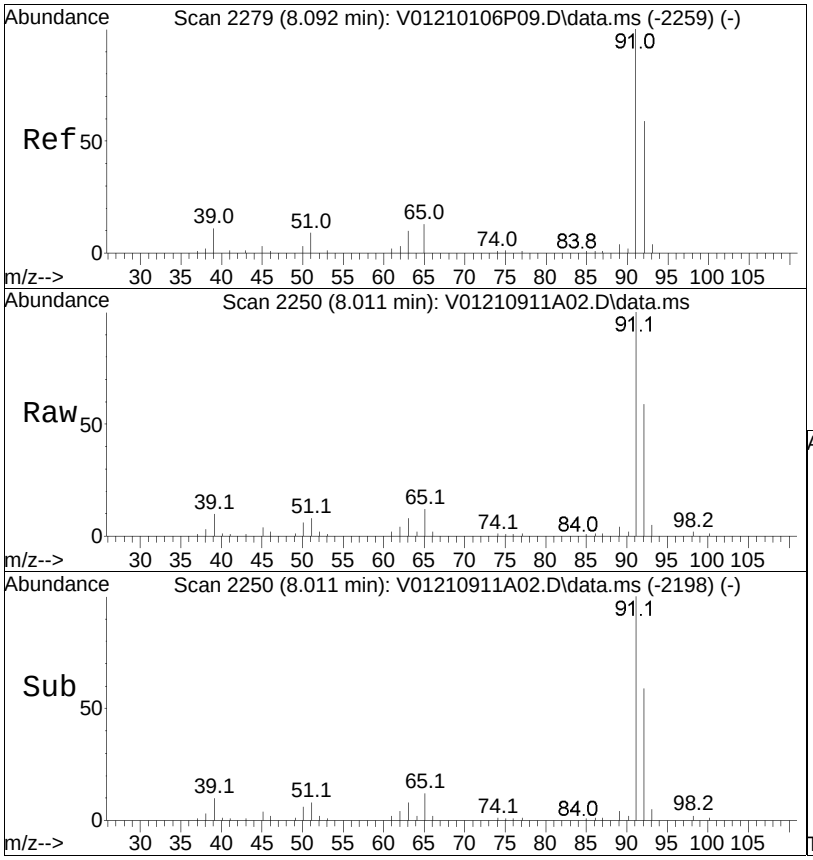


#58
cis-1,3-Dichloropropene
Concen: 8.82 ug/L
RT: 7.741 min Scan# 2153
Delta R.T. -0.002 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion: 75 Resp: 135135

Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.1	37.7
39	55.1	42.6	63.8

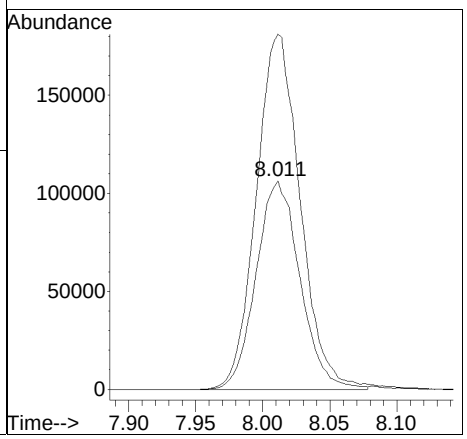


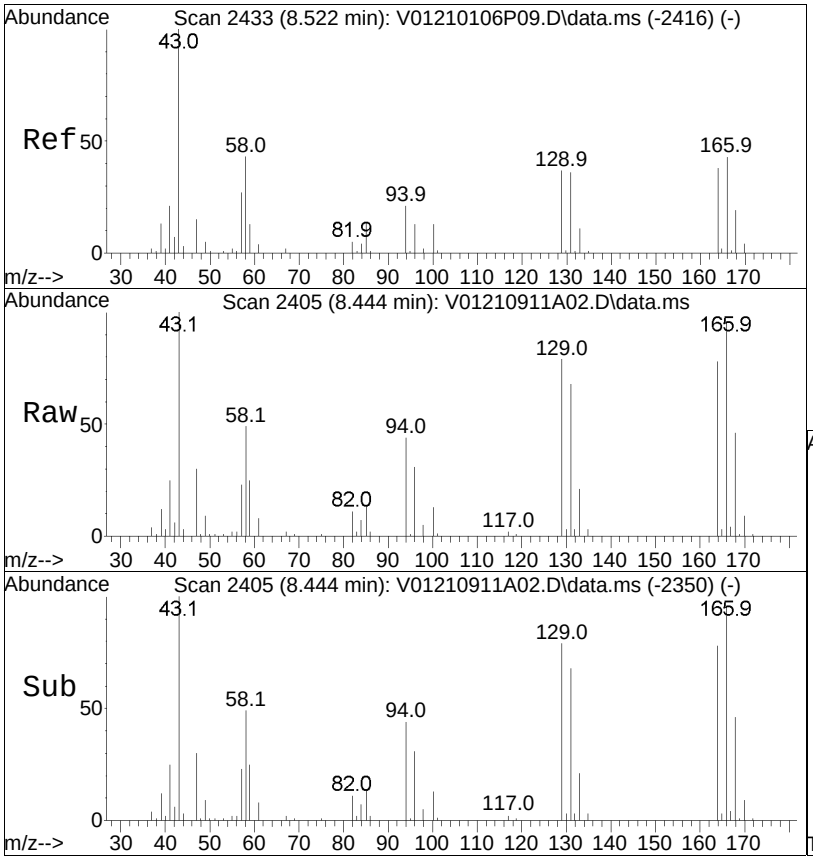


#61
Toluene
Concen: 9.58 ug/L
RT: 8.011 min Scan# 2250
Delta R.T. -0.006 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion: 92 Resp: 242031

Ion	Ratio	Lower	Upper
92	100		
91	171.4	137.5	206.3

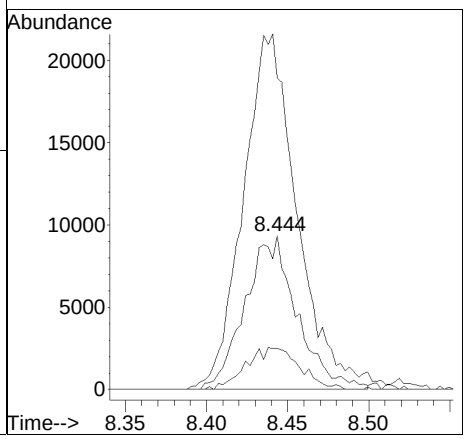


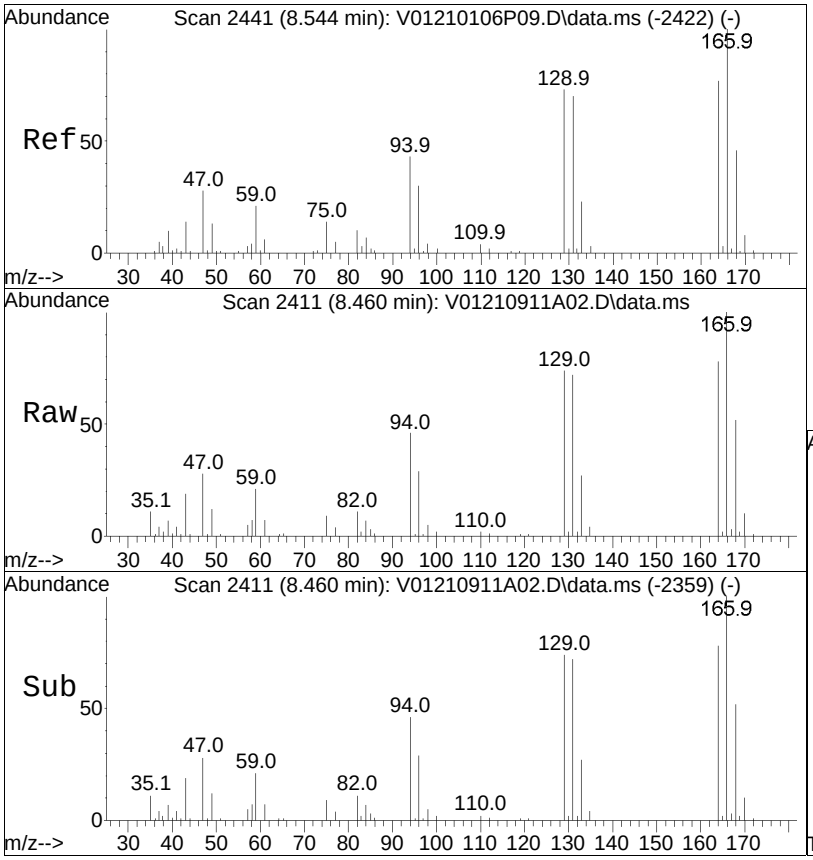


#62
4-Methyl-2-pentanone
Concen: 7.32 ug/L
RT: 8.444 min Scan# 2405
Delta R.T. 0.003 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion: 58 Resp: 20720

Ion	Ratio	Lower	Upper
58	100		
100	10.8	31.8	47.6#
43	238.5	212.5	318.7

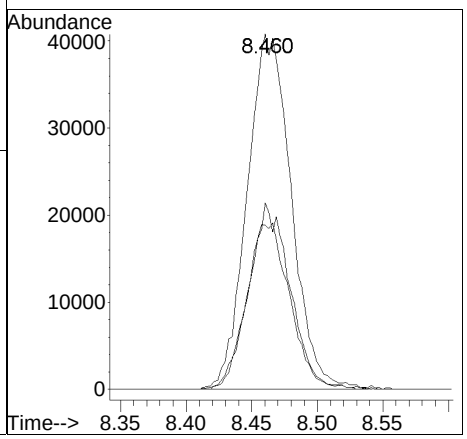


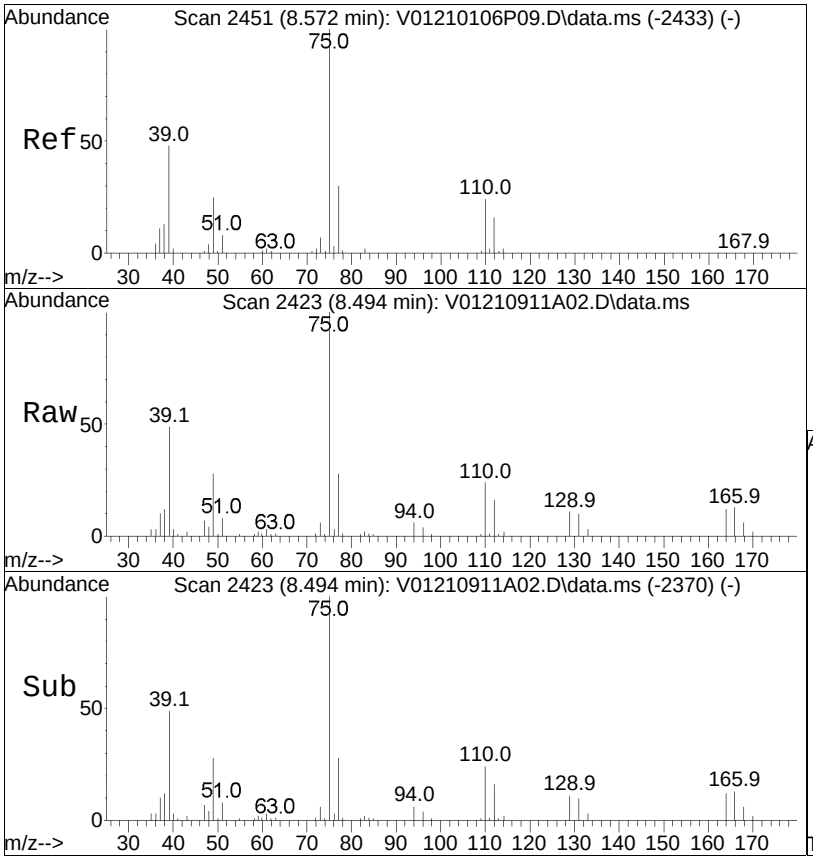


#63
Tetrachloroethene
Concen: 10.21 ug/L
RT: 8.460 min Scan# 2411
Delta R.T. -0.006 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion:166 Resp: 95608

Ion	Ratio	Lower	Upper
166	100		
168	48.6	27.4	67.4
94	46.2	24.8	64.8

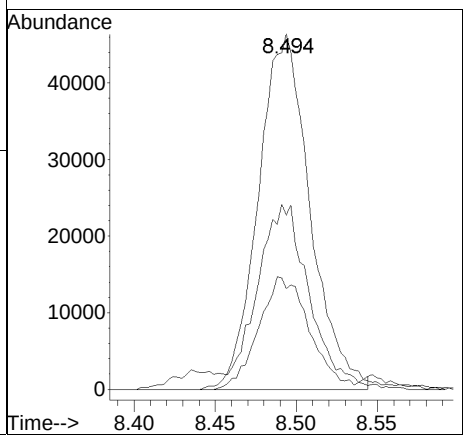


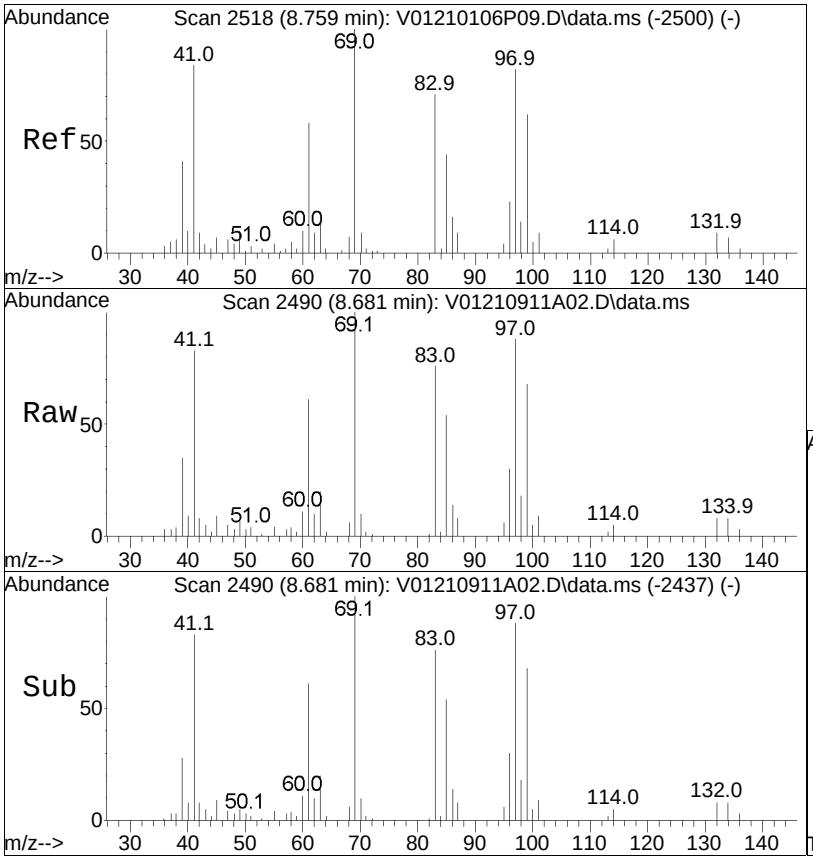


#65
trans-1,3-Dichloropropene
Concen: 8.68 ug/L
RT: 8.494 min Scan# 2423
Delta R.T. -0.002 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion: 75 Resp: 102712

Ion	Ratio	Lower	Upper
75	100		
77	31.9	11.8	51.8
39	51.5	30.2	70.2

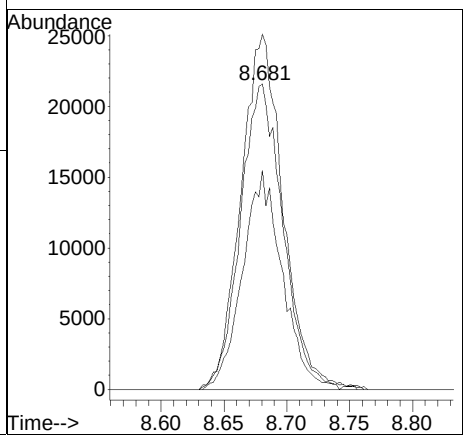


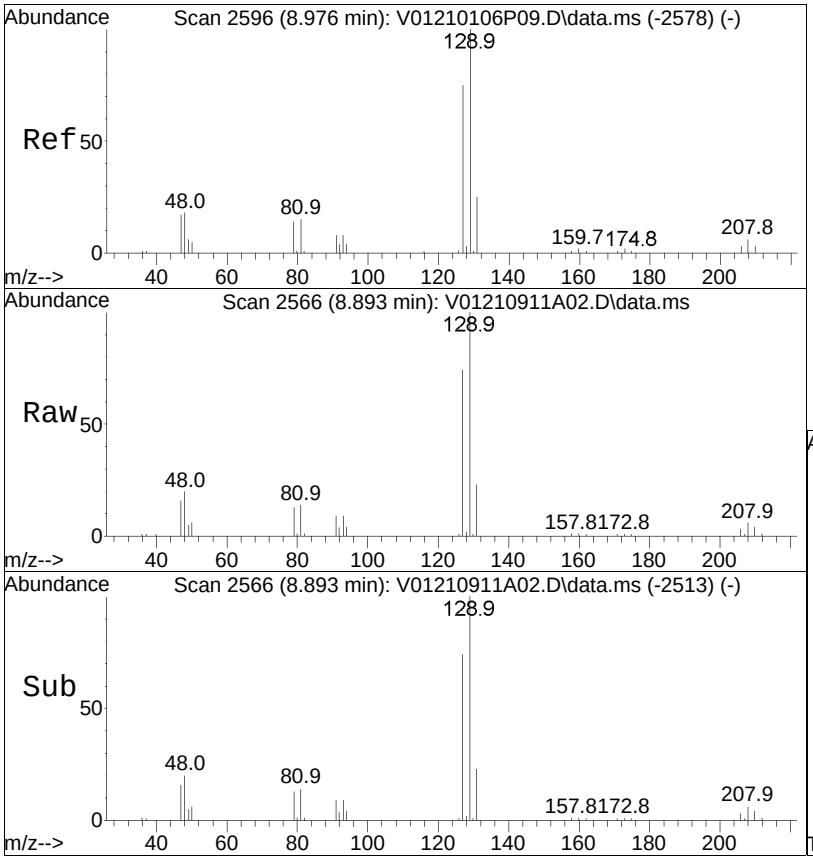


#68
1,1,2-Trichloroethane
Concen: 8.76 ug/L
RT: 8.681 min Scan# 2490
Delta R.T. -0.002 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion: 83 Resp: 50955

Ion	Ratio	Lower	Upper
83	100		
97	114.4	96.7	136.7
85	66.8	45.3	85.3

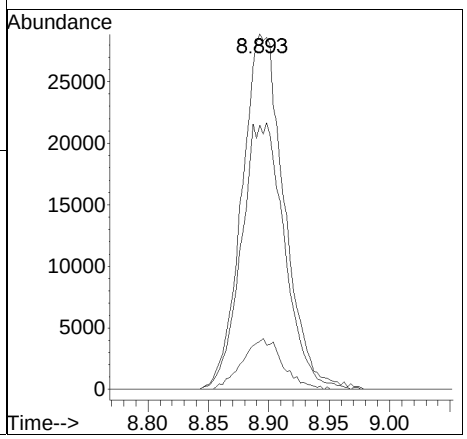


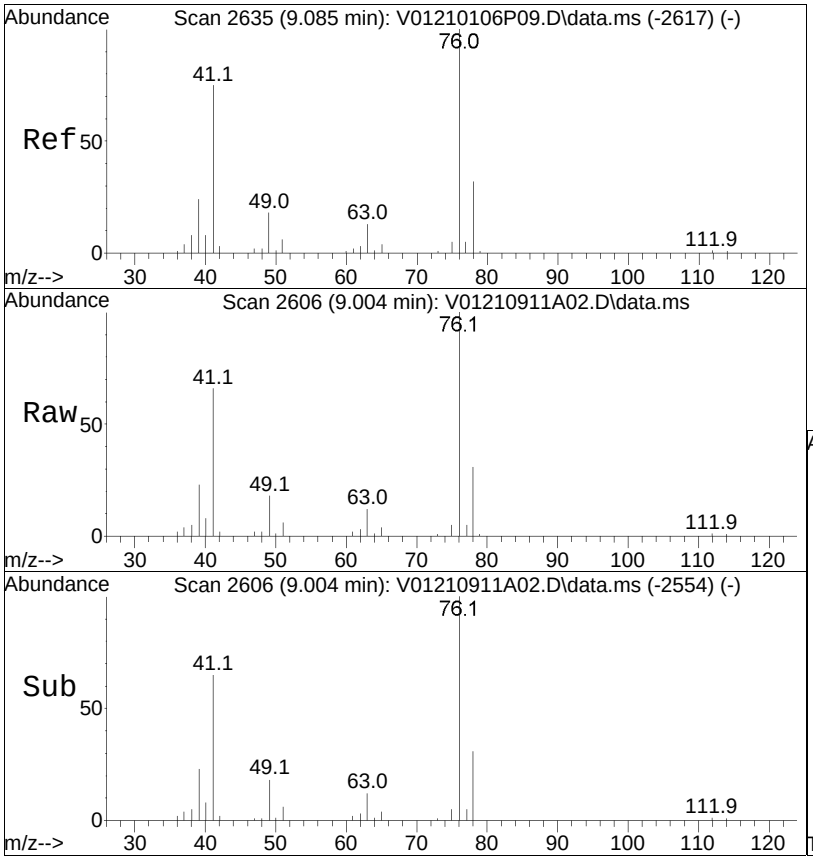


#69
Chlorodibromomethane
Concen: 9.05 ug/L
RT: 8.893 min Scan# 2566
Delta R.T. -0.002 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion:129 Resp: 70687

Ion	Ratio	Lower	Upper
129	100		
81	13.6	0.0	37.9
127	76.4	56.6	96.6

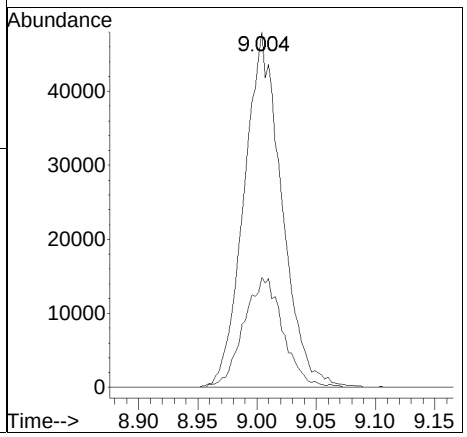


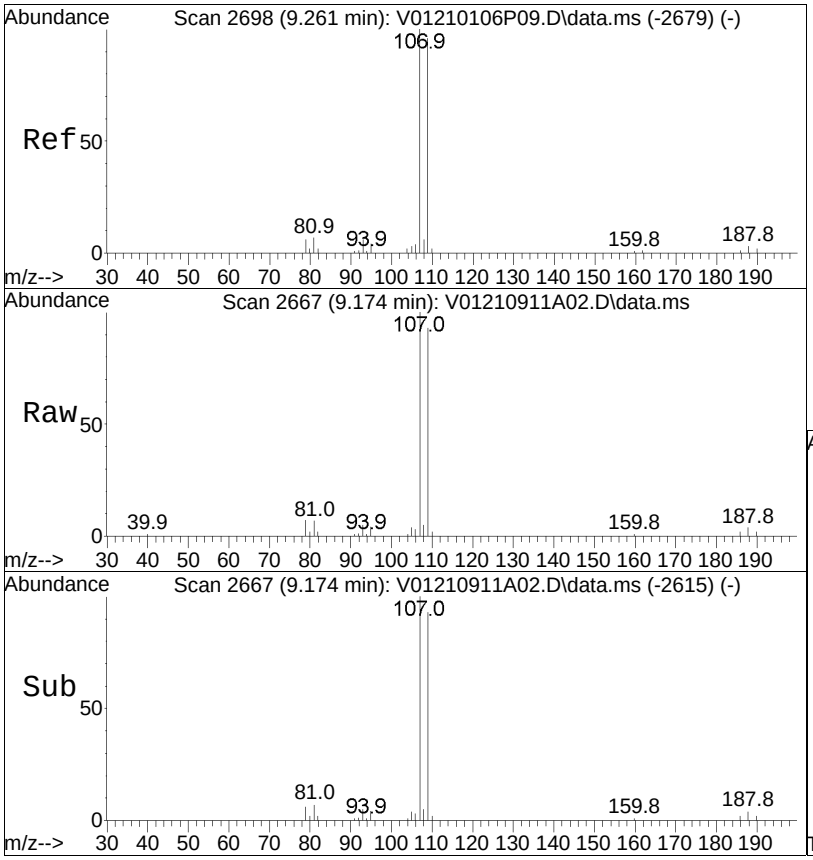


#70
1,3-Dichloropropane
Concen: 8.84 ug/L
RT: 9.004 min Scan# 2606
Delta R.T. -0.005 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion: 76 Resp: 106420

Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.8	38.8

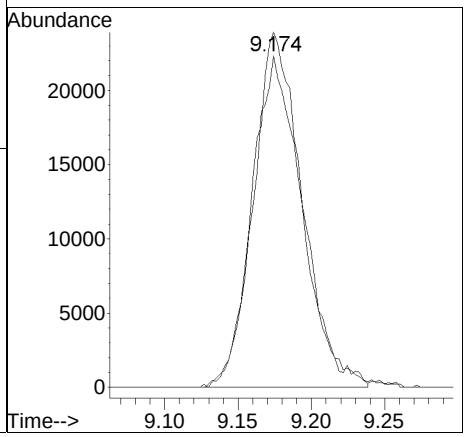


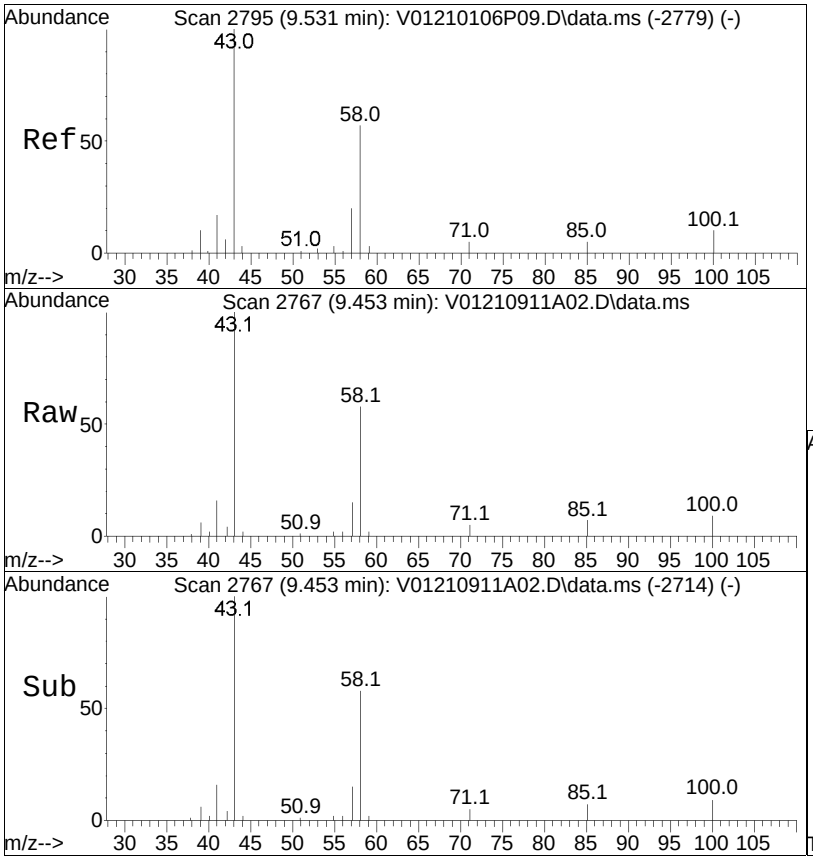


#71
1,2-Dibromoethane
Concen: 8.83 ug/L
RT: 9.174 min Scan# 2667
Delta R.T. -0.006 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion:107 Resp: 56452

Ion	Ratio	Lower	Upper
107	100		
109	90.4	75.6	113.4

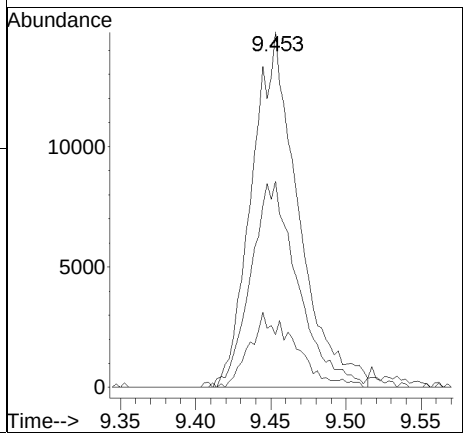


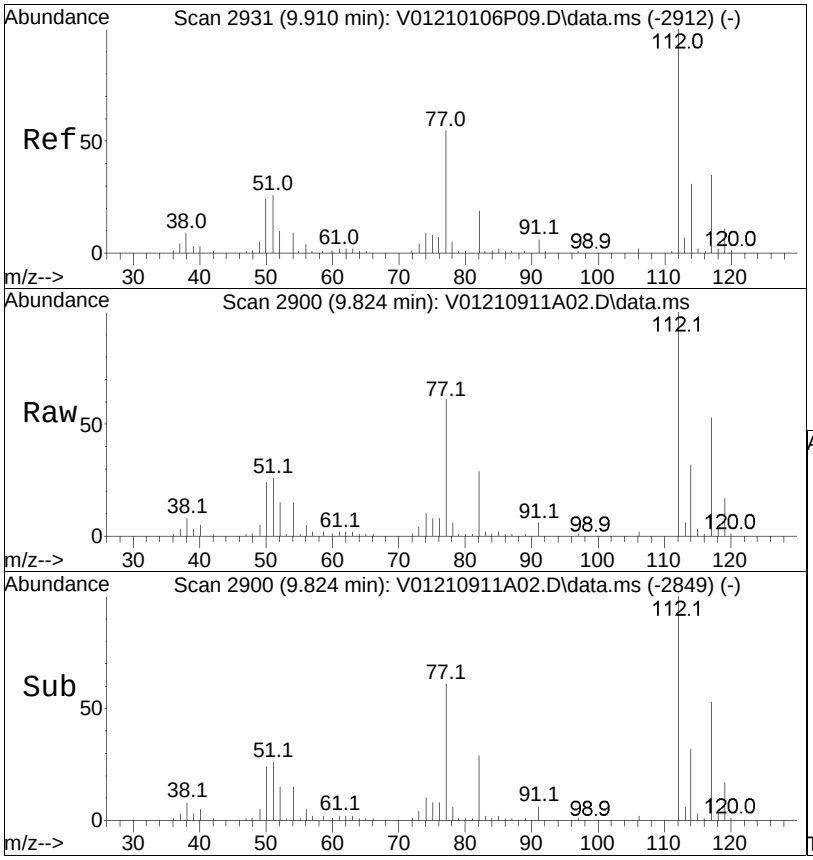


#72
2-Hexanone
Concen: 7.63 ug/L
RT: 9.453 min Scan# 2767
Delta R.T. -0.003 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion: 43 Resp: 31961

Ion	Ratio	Lower	Upper
43	100		
58	58.5	40.8	61.2
57	20.7	14.2	21.4

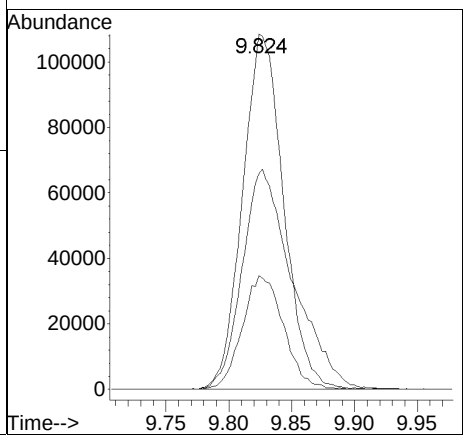


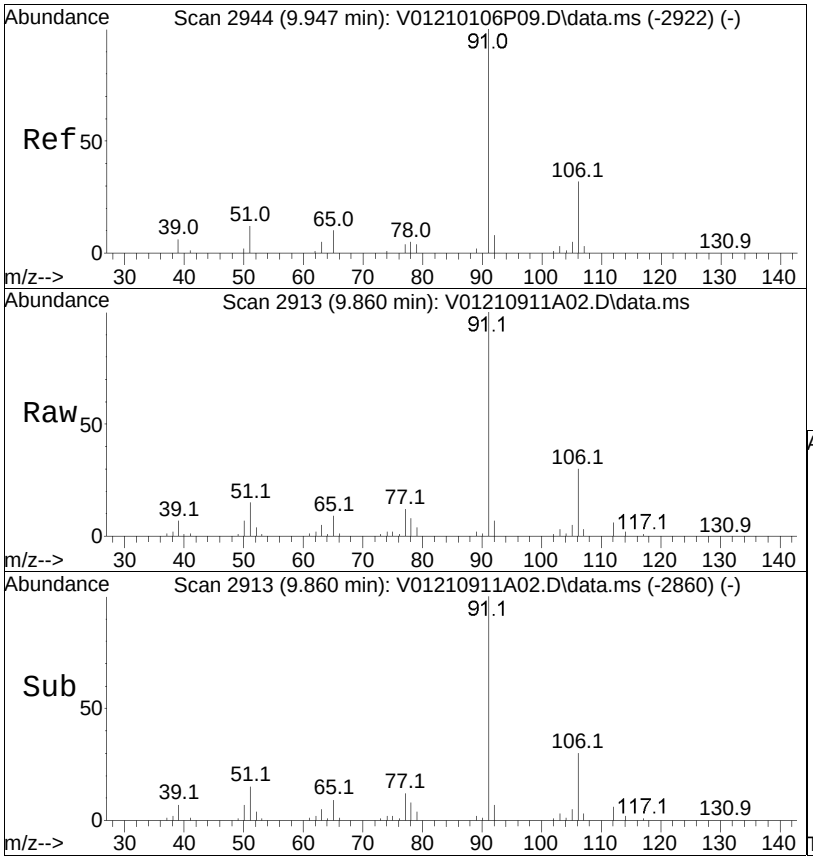


#73
Chlorobenzene
Concen: 9.72 ug/L
RT: 9.824 min Scan# 2900
Delta R.T. -0.008 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion:112 Resp: 245934

Ion	Ratio	Lower	Upper
112	100		
77	76.8	59.8	89.6
114	32.4	25.4	38.2

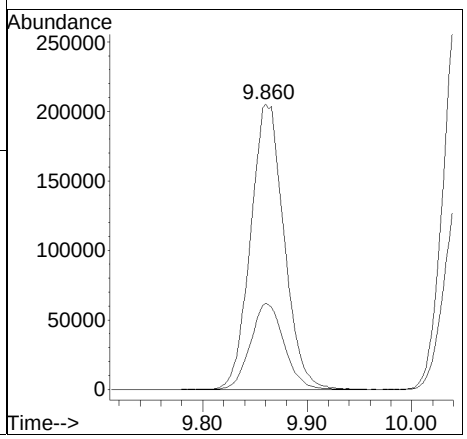


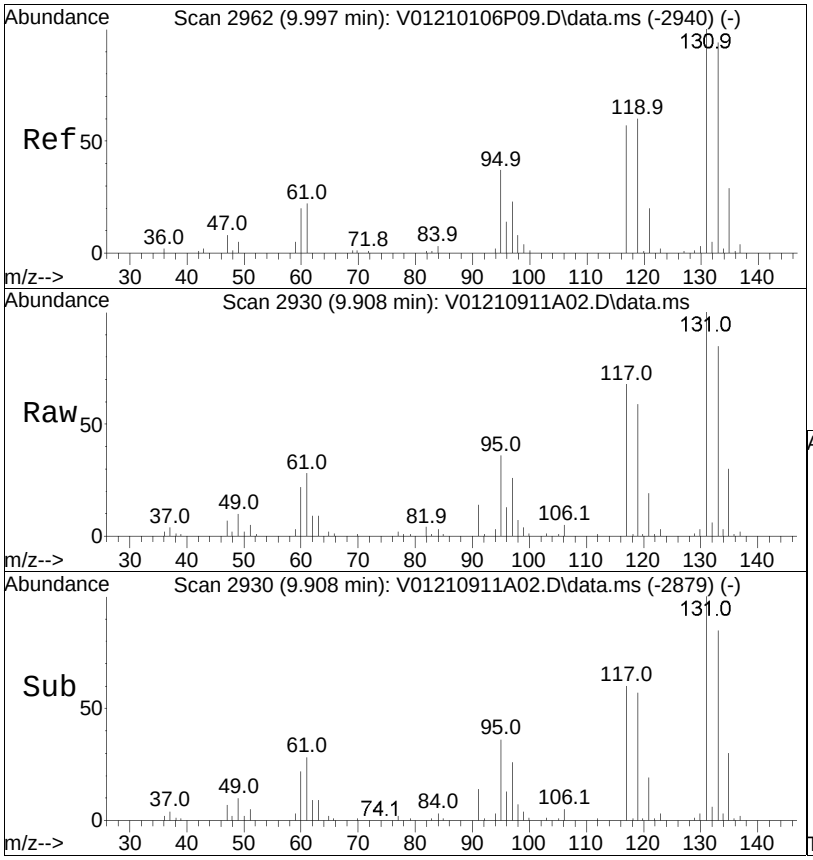


#74
Ethylbenzene
Concen: 9.85 ug/L
RT: 9.860 min Scan# 2913
Delta R.T. -0.003 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion: 91 Resp: 456878

Ion	Ratio	Lower	Upper
91	100		
106	30.2	24.7	37.1

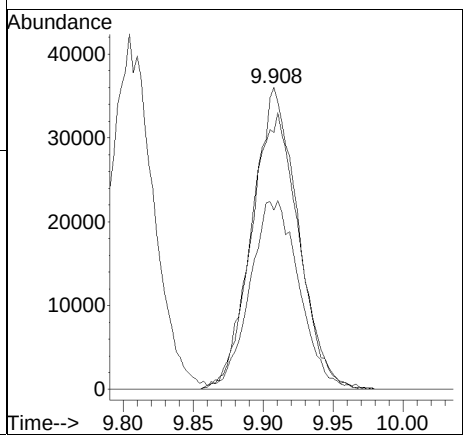


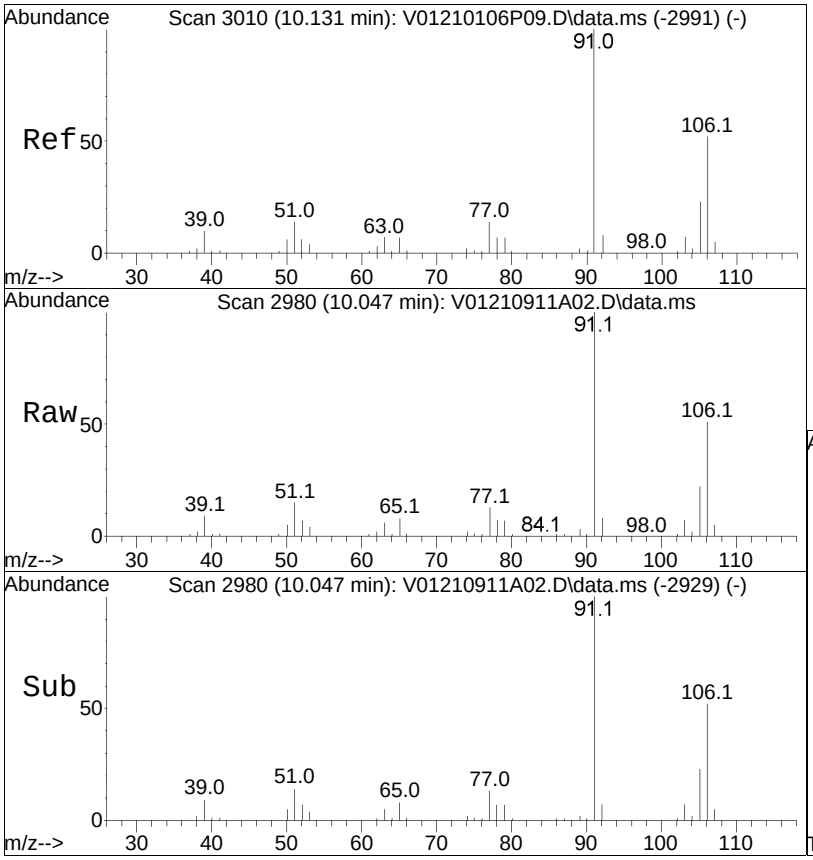


#75
1,1,1,2-Tetrachloroethane
Concen: 9.88 ug/L
RT: 9.908 min Scan# 2930
Delta R.T. -0.008 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion:131 Resp: 83100

Ion	Ratio	Lower	Upper
131	100		
133	94.3	75.8	115.8
119	66.2	45.8	85.8

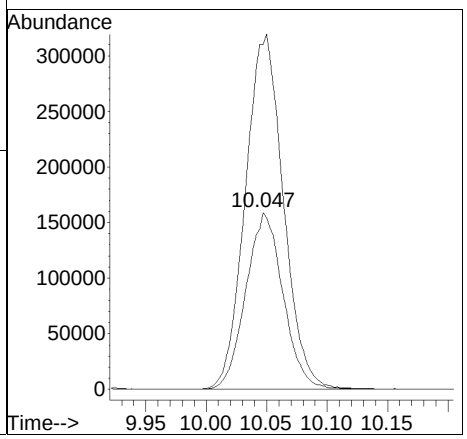


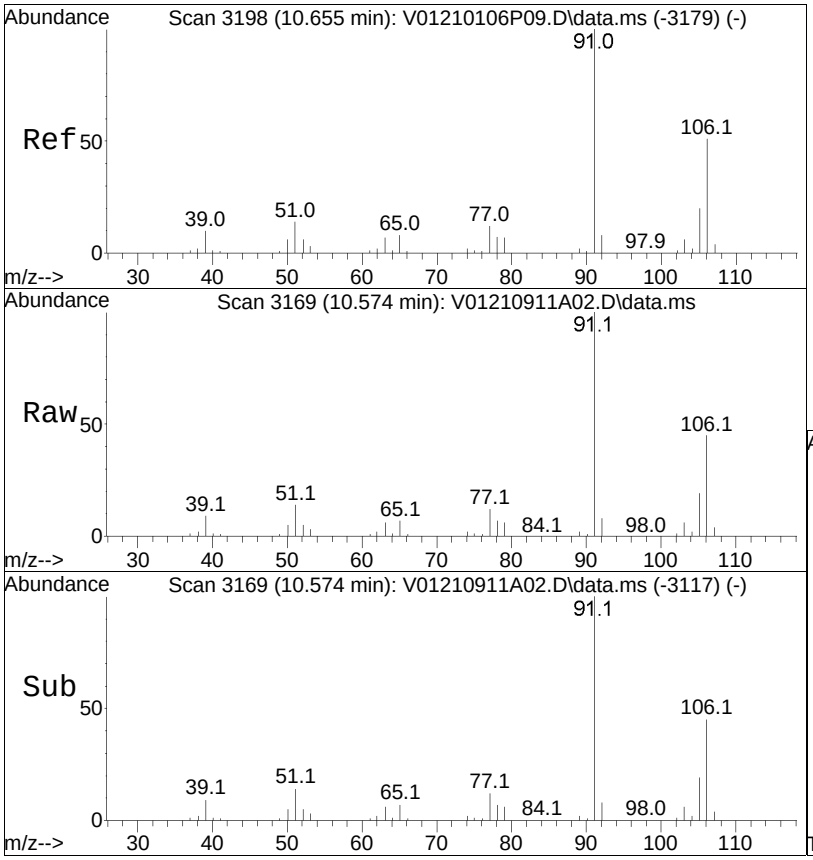


#76
p/m Xylene
Concen: 19.63 ug/L
RT: 10.047 min Scan# 2980
Delta R.T. -0.008 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion:106 Resp: 340854

Ion	Ratio	Lower	Upper
106	100		
91	205.2	162.9	244.3

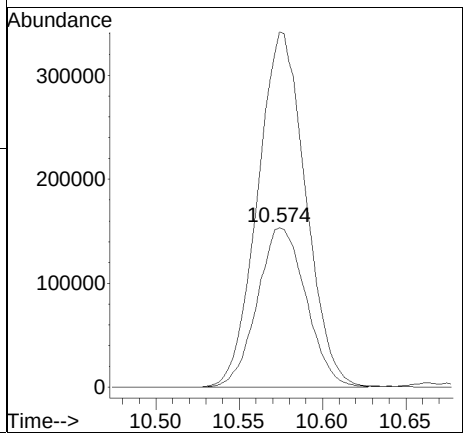


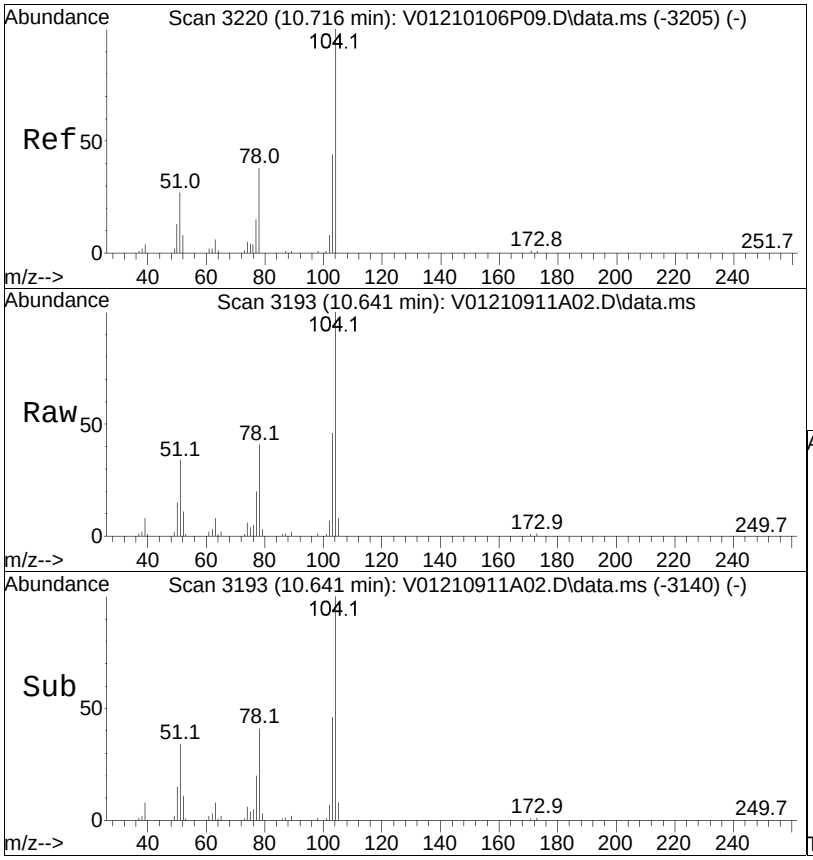


#77
o Xylene
Concen: 19.71 ug/L
RT: 10.574 min Scan# 3169
Delta R.T. -0.005 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion:106 Resp: 312906

Ion	Ratio	Lower	Upper
106	100		
91	218.8	171.2	256.8

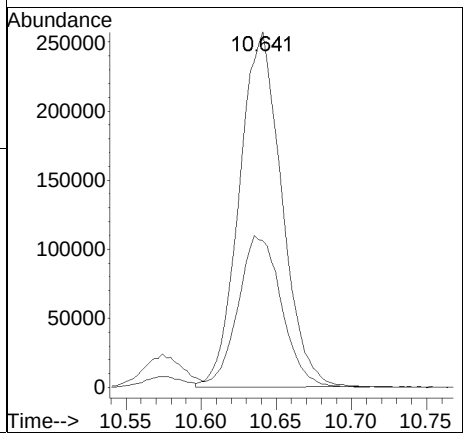


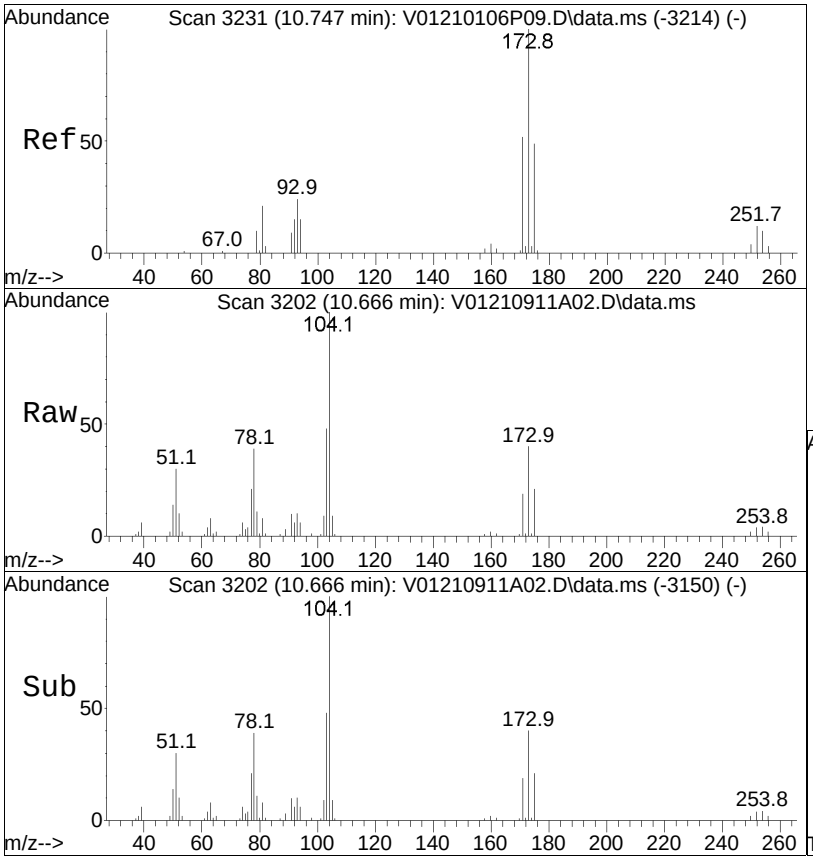


#78
Styrene
Concen: 19.26 ug/L
RT: 10.641 min Scan# 3193
Delta R.T. -0.003 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion:104 Resp: 504510

Ion	Ratio	Lower	Upper
104	100		
78	43.7	34.2	51.4

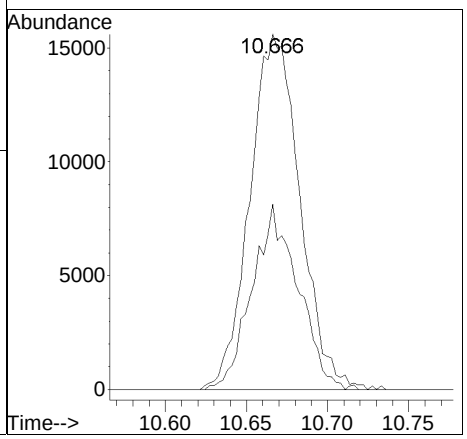


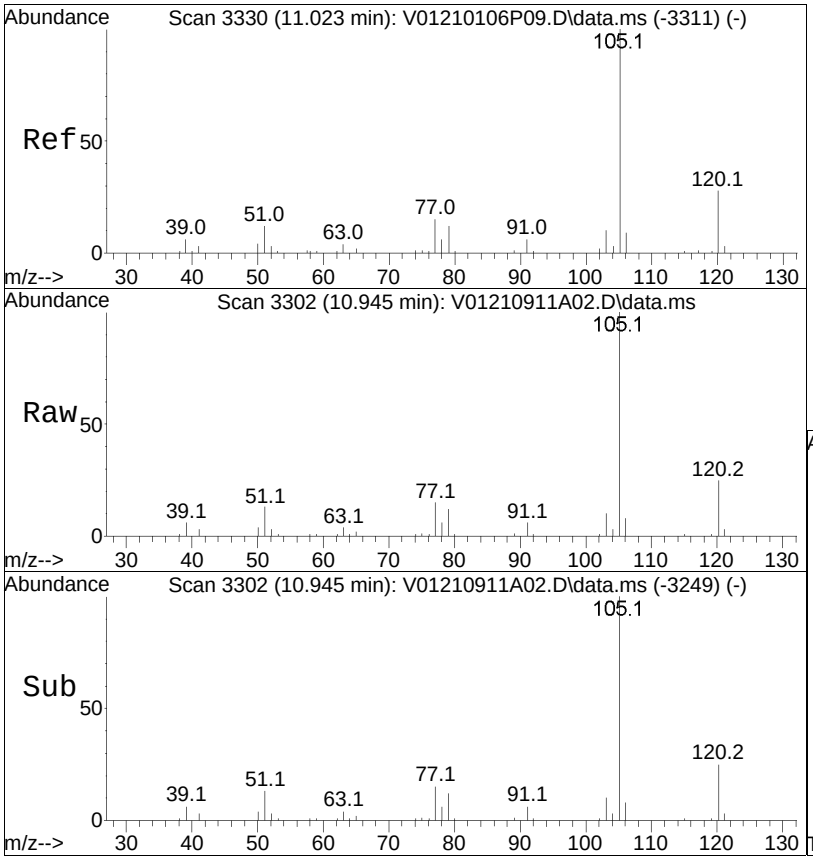


#80
Bromoform
Concen: 9.15 ug/L
RT: 10.666 min Scan# 3202
Delta R.T. -0.005 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion:173 Resp: 33527

Ion	Ratio	Lower	Upper
173	100		
175	47.5	28.6	68.6

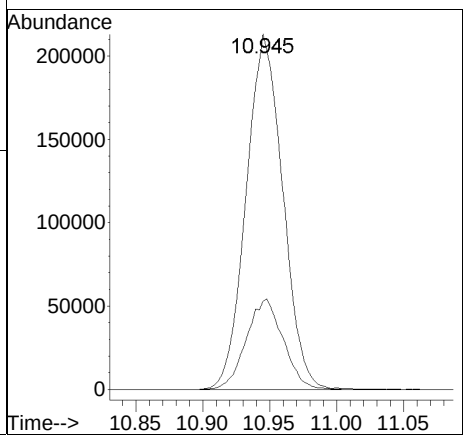


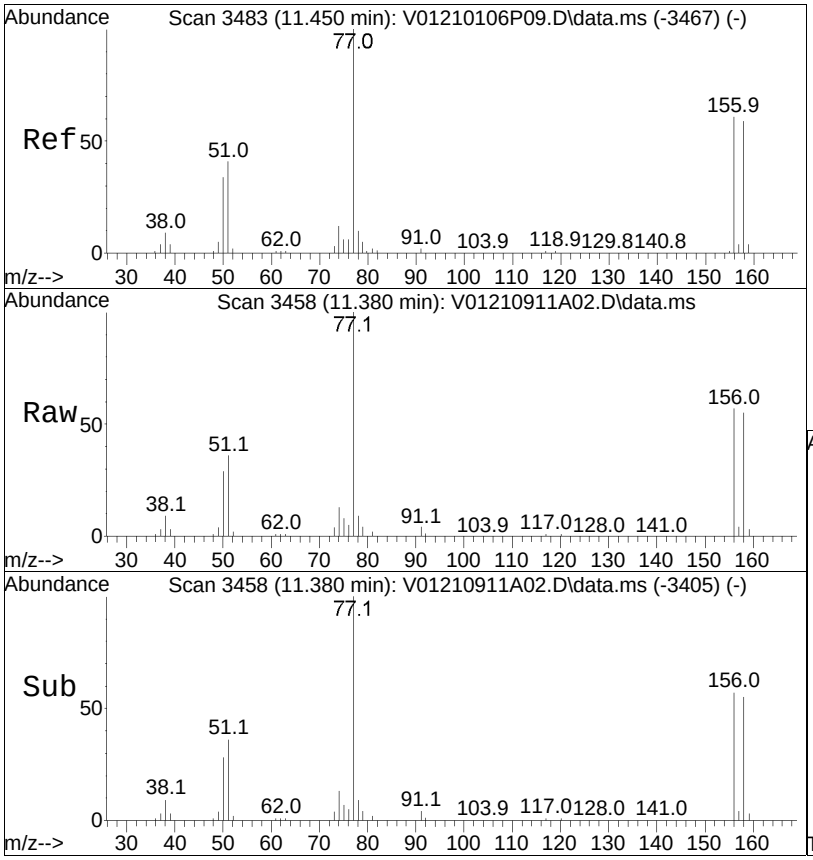


#82
Isopropylbenzene
Concen: 10.89 ug/L
RT: 10.945 min Scan# 3302
Delta R.T. -0.003 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion:105 Resp: 404890

Ion	Ratio	Lower	Upper
105	100		
120	25.6	7.3	47.3

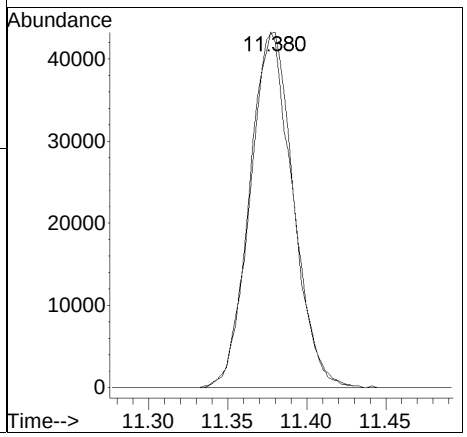


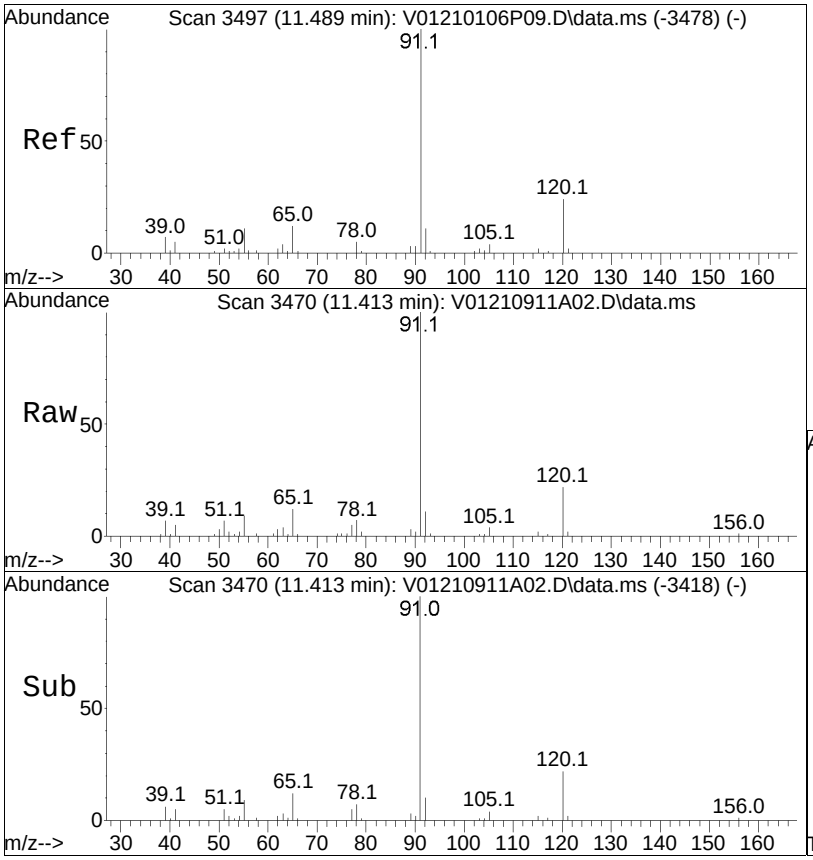


#84
Bromobenzene
Concen: 11.33 ug/L
RT: 11.380 min Scan# 3458
Delta R.T. -0.003 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion:156 Resp: 84089

Ion	Ratio	Lower	Upper
156	100		
158	95.4	78.2	117.4

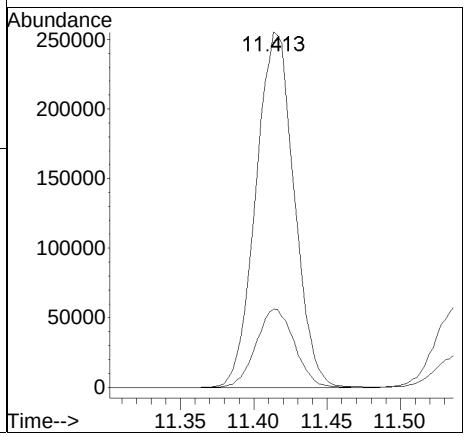


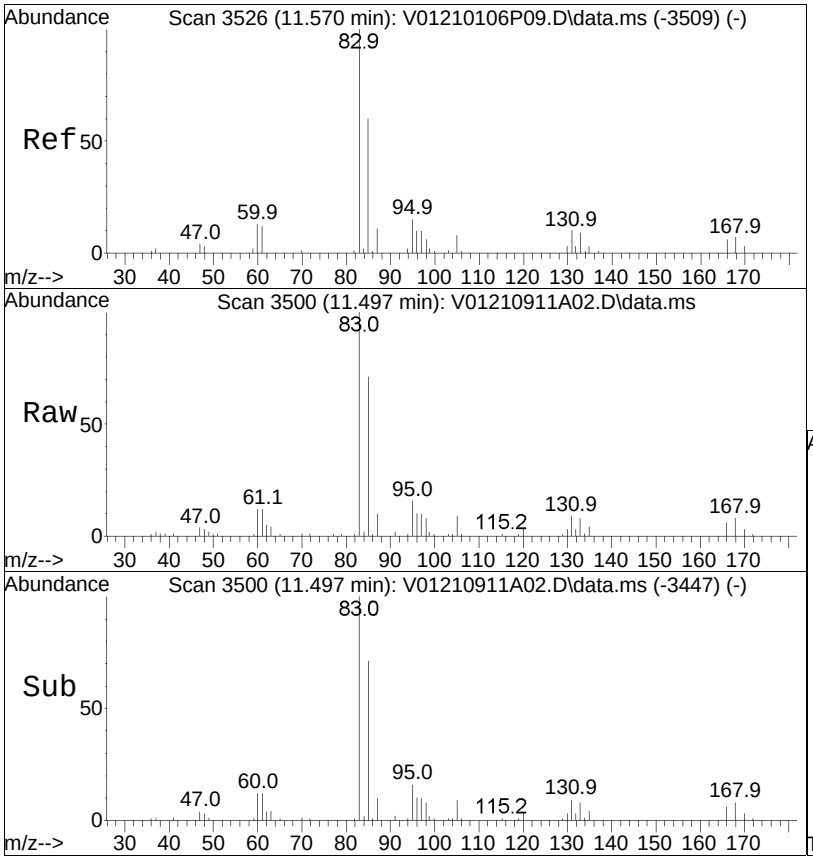


#85
n-Propylbenzene
Concen: 10.96 ug/L
RT: 11.413 min Scan# 3470
Delta R.T. -0.006 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion: 91 Resp: 462583

Ion	Ratio	Lower	Upper
91	100		
120	22.1	18.6	28.0

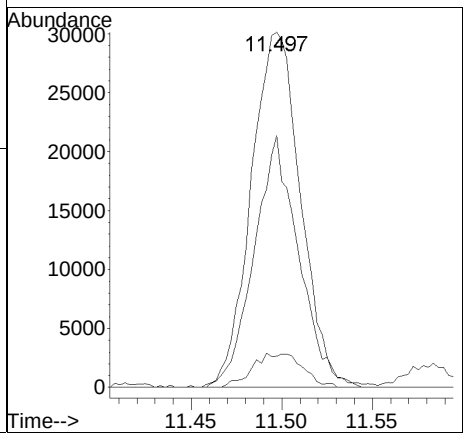


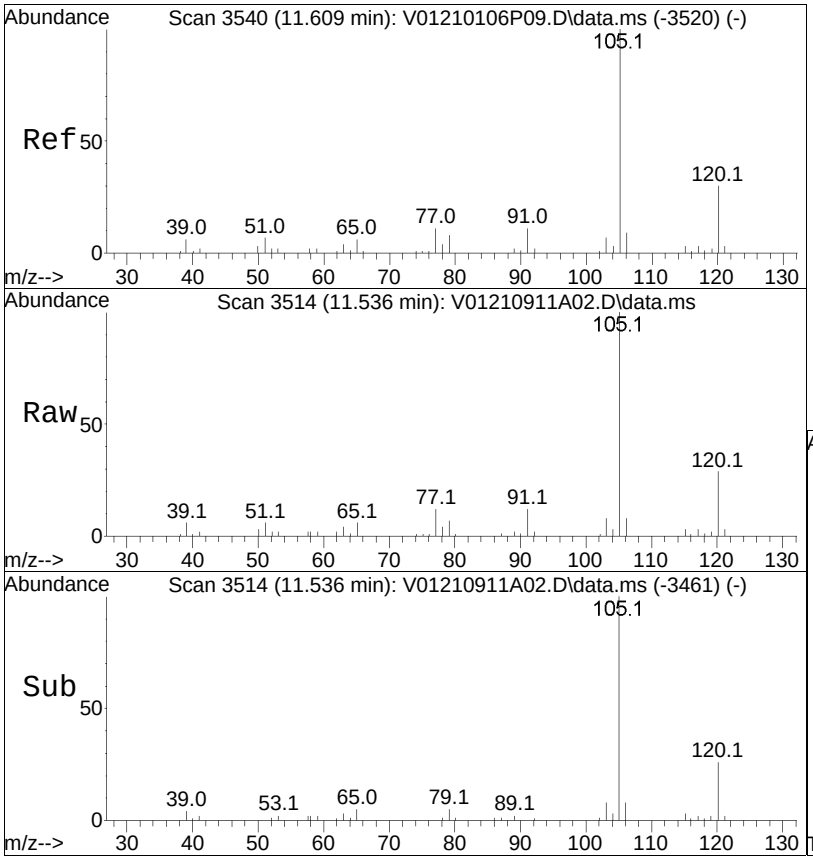


#87
1,1,2,2-Tetrachloroethane
Concen: 8.85 ug/L
RT: 11.497 min Scan# 3500
Delta R.T. -0.003 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion: 83 Resp: 56997

Ion	Ratio	Lower	Upper
83	100		
131	9.7	0.0	30.1
85	64.3	45.8	85.8

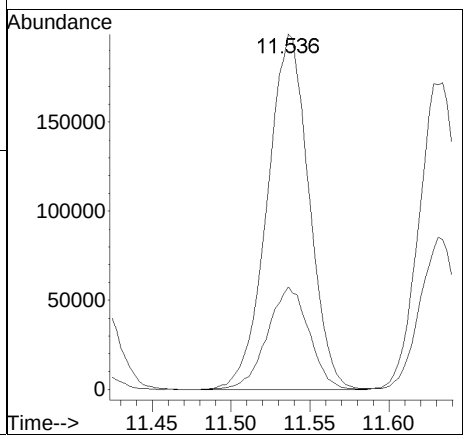


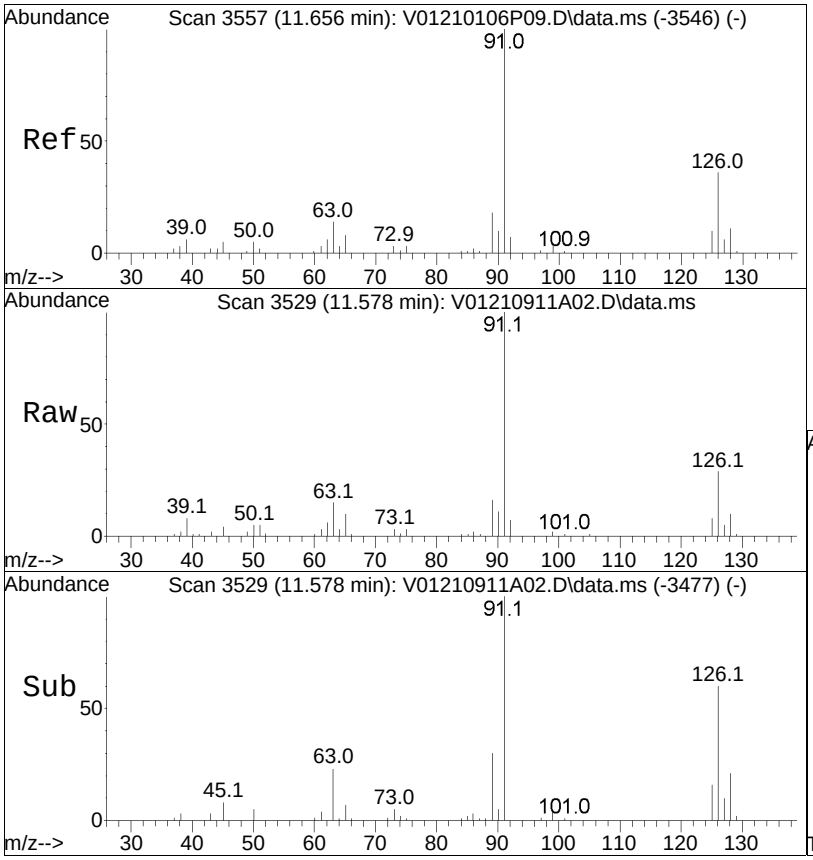


#88
4-Ethyltoluene
Concen: 10.59 ug/L
RT: 11.536 min Scan# 3514
Delta R.T. -0.003 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion:105 Resp: 366079

Ion	Ratio	Lower	Upper
105	100		
120	28.8	19.8	41.0

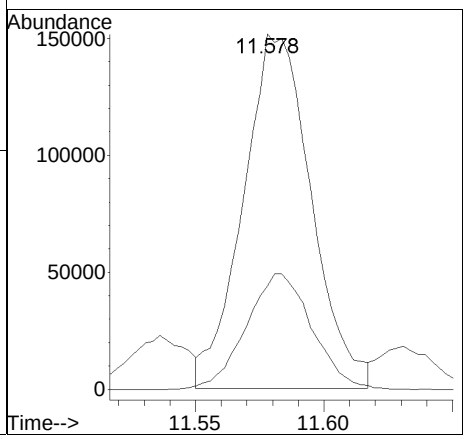


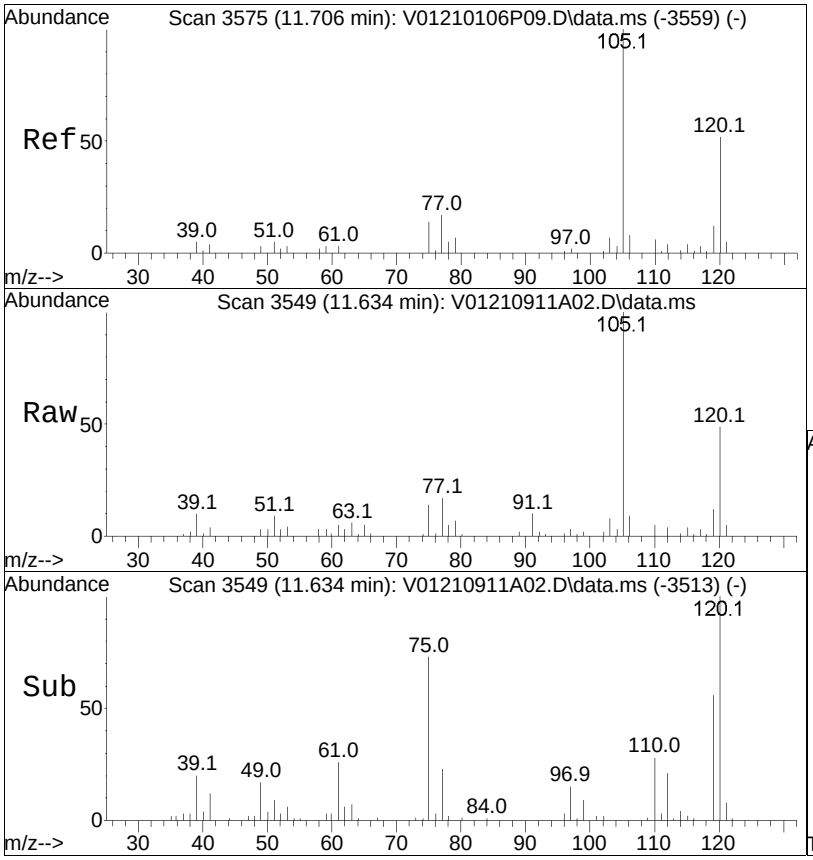


#89
2-Chlorotoluene
Concen: 11.03 ug/L
RT: 11.578 min Scan# 3529
Delta R.T. -0.005 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion: 91 Resp: 278953

Ion	Ratio	Lower	Upper
91	100		
126	31.6	27.1	40.7

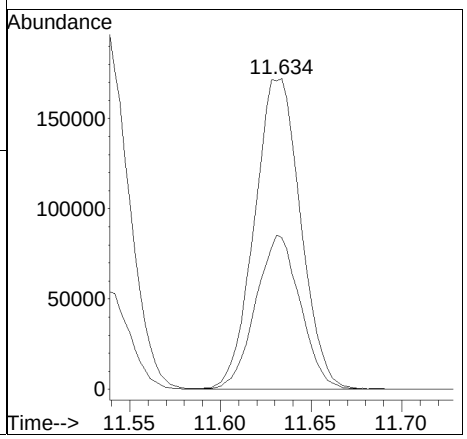


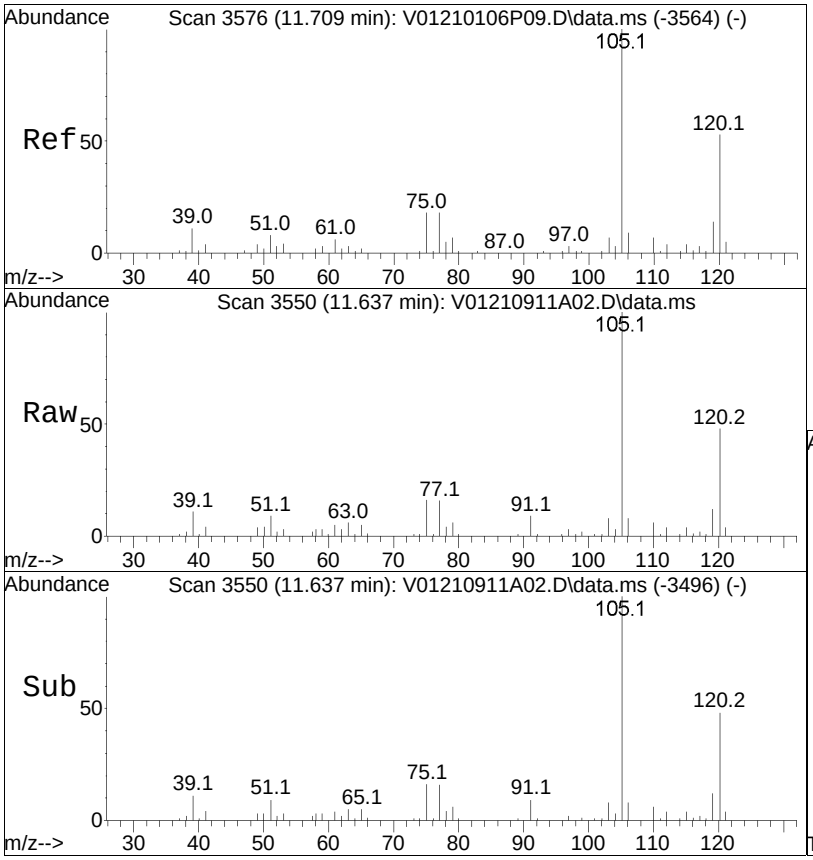


#90
1,3,5-Trimethylbenzene
Concen: 10.84 ug/L
RT: 11.634 min Scan# 3549
Delta R.T. -0.000 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion:105 Resp: 304259

Ion	Ratio	Lower	Upper
105	100		
120	48.0	40.6	60.8

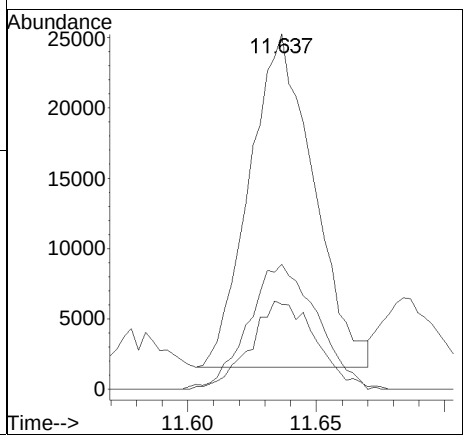


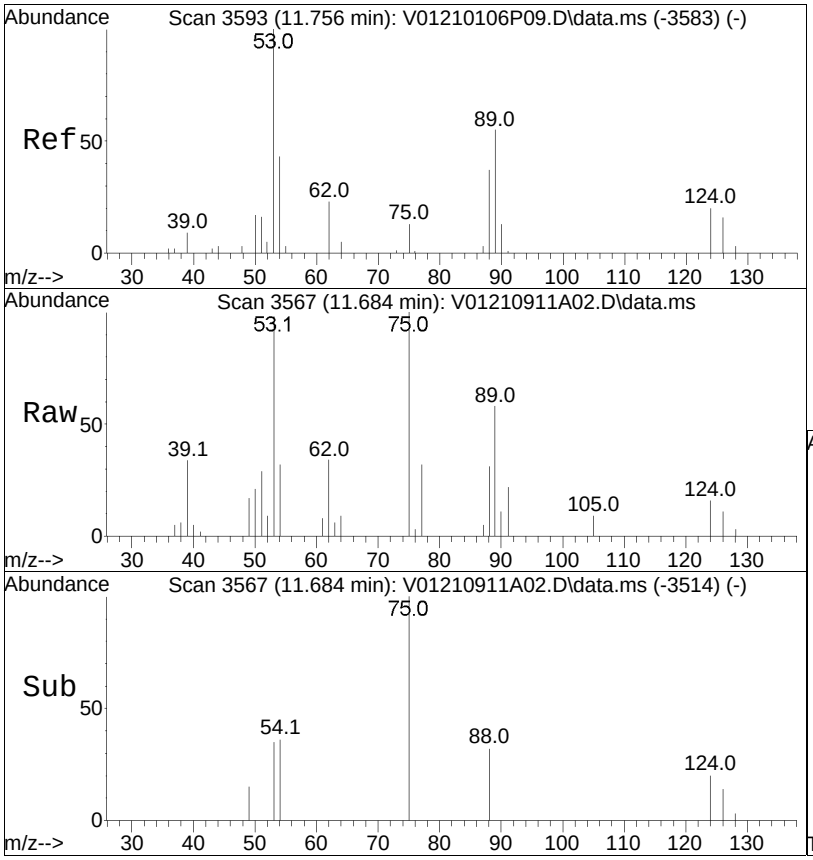


#91
1,2,3-Trichloropropane
Concen: 8.71 ug/L
RT: 11.637 min Scan# 3550
Delta R.T. 0.001 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion: 75 Resp: 40984

Ion	Ratio	Lower	Upper
75	100		
110	40.2	26.5	54.9
112	27.2	17.0	35.2

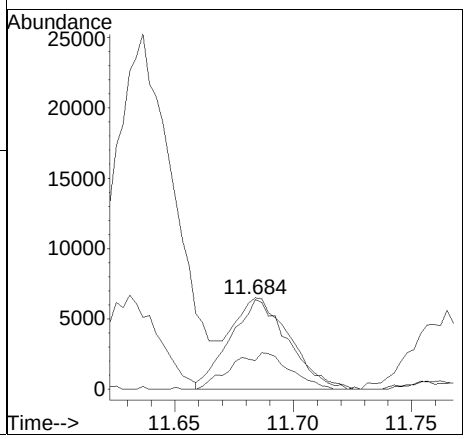


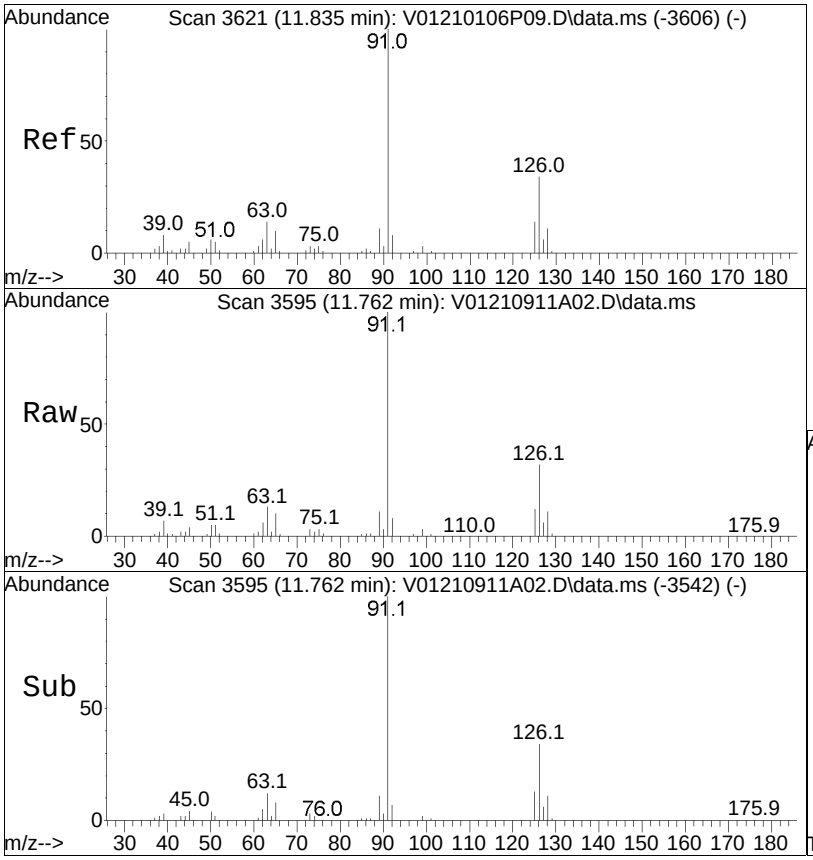


#92
trans-1,4-Dichloro-2-butene
Concen: 5.75 ug/L
RT: 11.684 min Scan# 3567
Delta R.T. -0.003 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion: 53 Resp: 10908

Ion	Ratio	Lower	Upper
53	100		
88	41.5	46.0	69.0#
75	97.0	107.0	160.4#

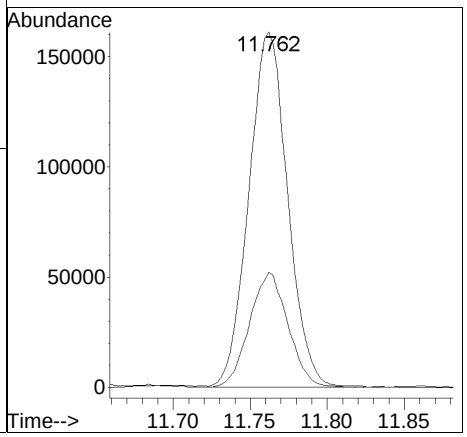


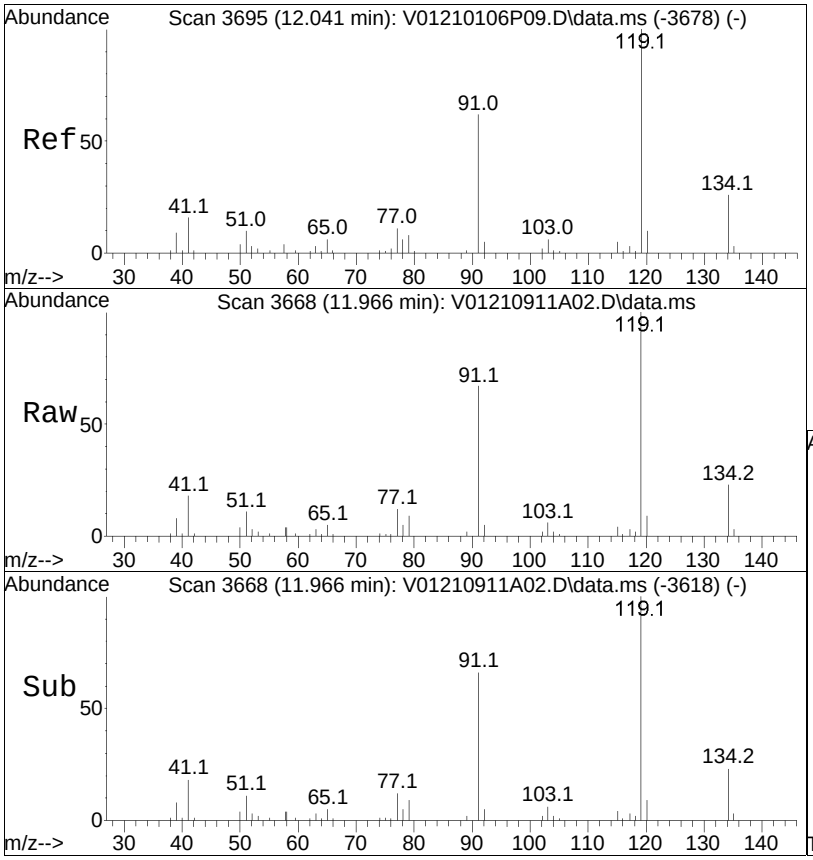


#93
4-Chlorotoluene
Concen: 10.83 ug/L
RT: 11.762 min Scan# 3595
Delta R.T. -0.003 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion: 91 Resp: 282115

Ion	Ratio	Lower	Upper
91	100		
126	32.1	28.2	42.2

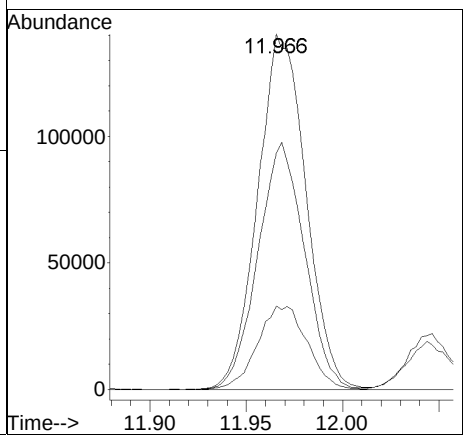


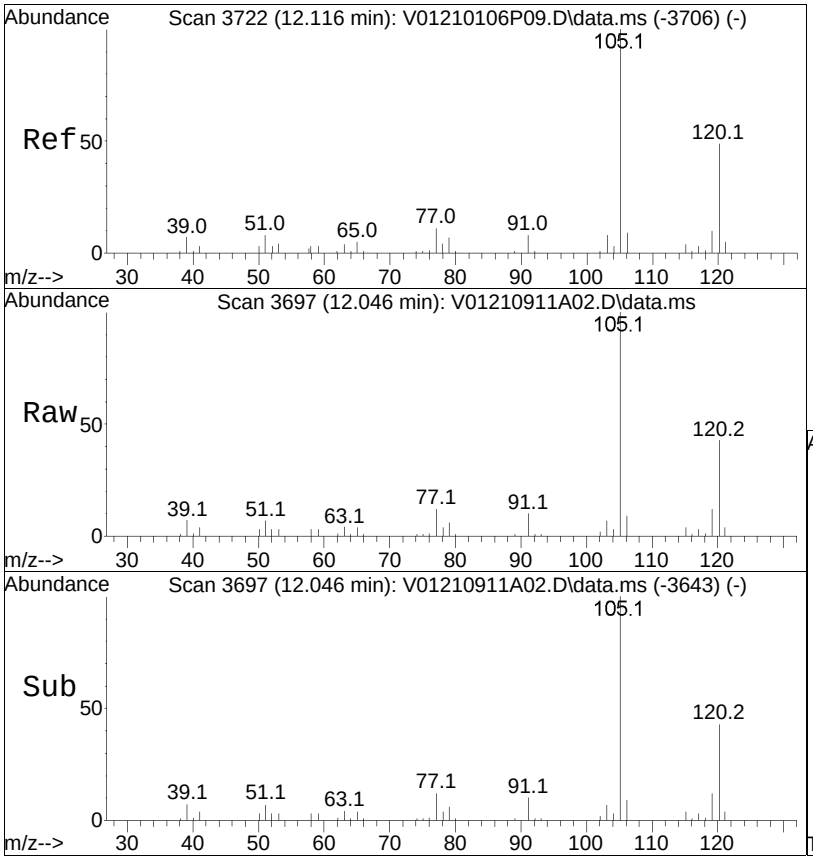


#94
tert-Butylbenzene
Concen: 10.64 ug/L
RT: 11.966 min Scan# 3668
Delta R.T. -0.008 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion:119 Resp: 244691

Ion	Ratio	Lower	Upper
119	100		
91	67.3	52.5	78.7
134	24.1	20.9	31.3

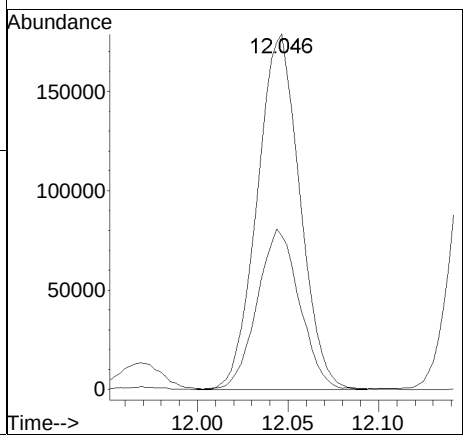


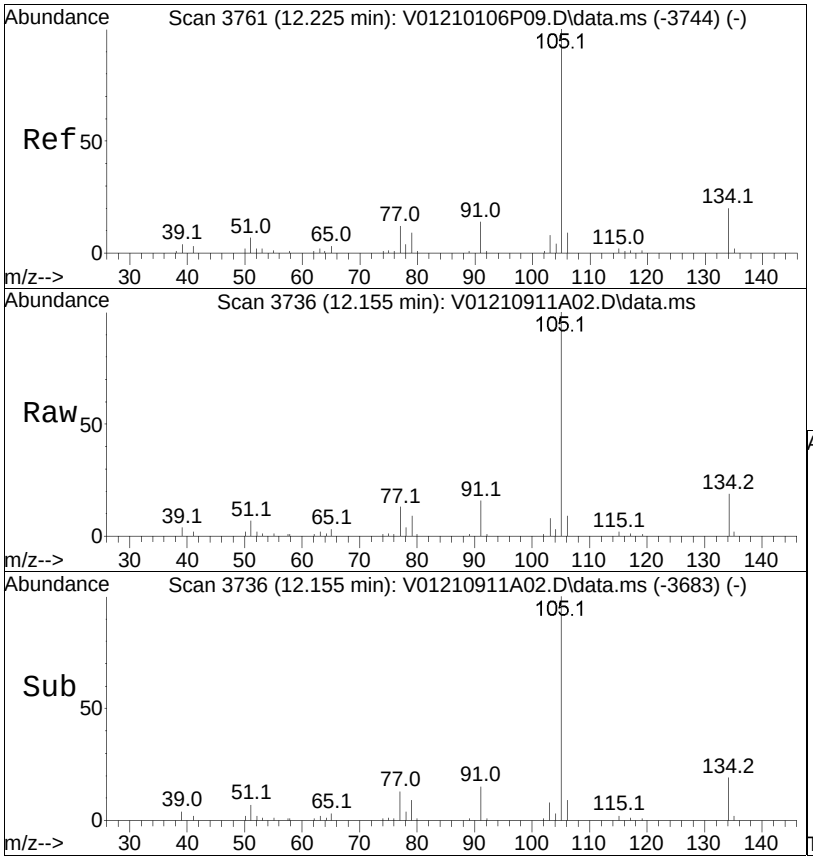


#97
1,2,4-Trimethylbenzene
Concen: 10.64 ug/L
RT: 12.046 min Scan# 3697
Delta R.T. 0.000 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion:105 Resp: 292707

Ion	Ratio	Lower	Upper
105	100		
120	44.9	37.8	56.6

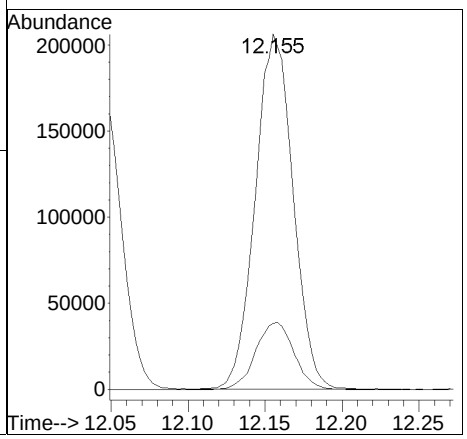


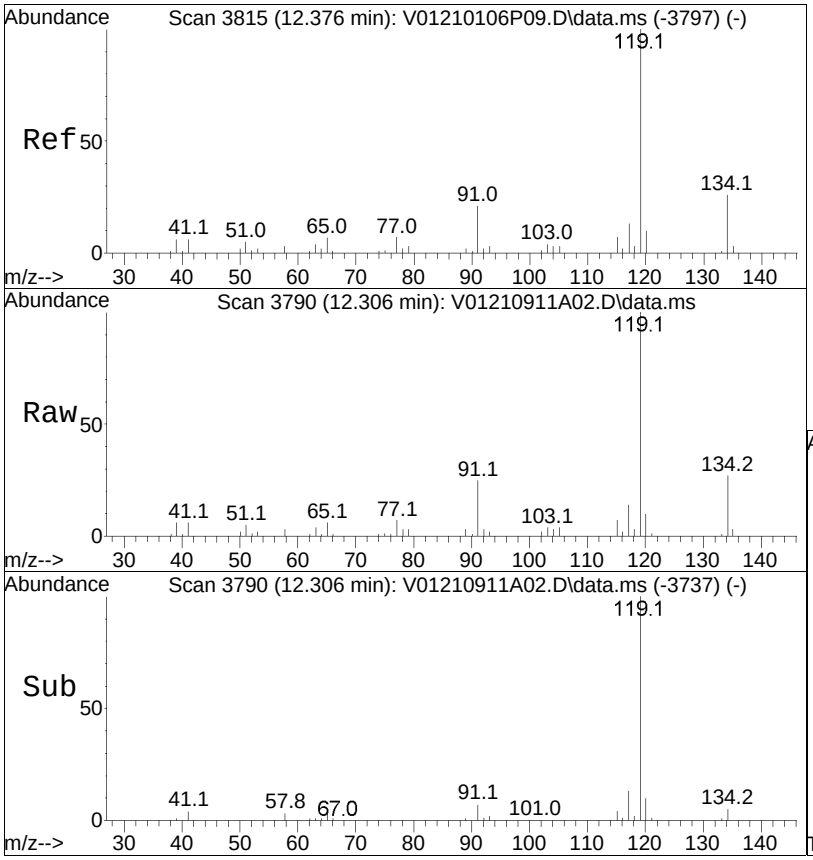


#98
sec-Butylbenzene
Concen: 10.46 ug/L
RT: 12.155 min Scan# 3736
Delta R.T. -0.003 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion:105 Resp: 350923

Ion	Ratio	Lower	Upper
105	100		
134	19.1	14.0	29.0

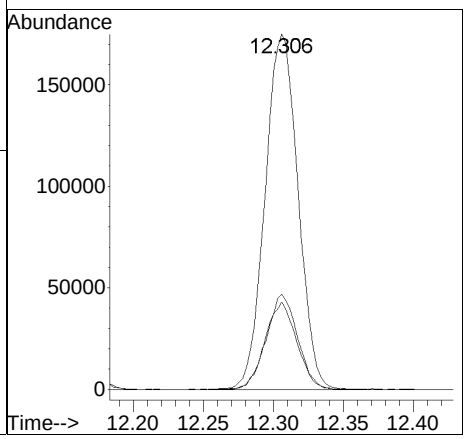


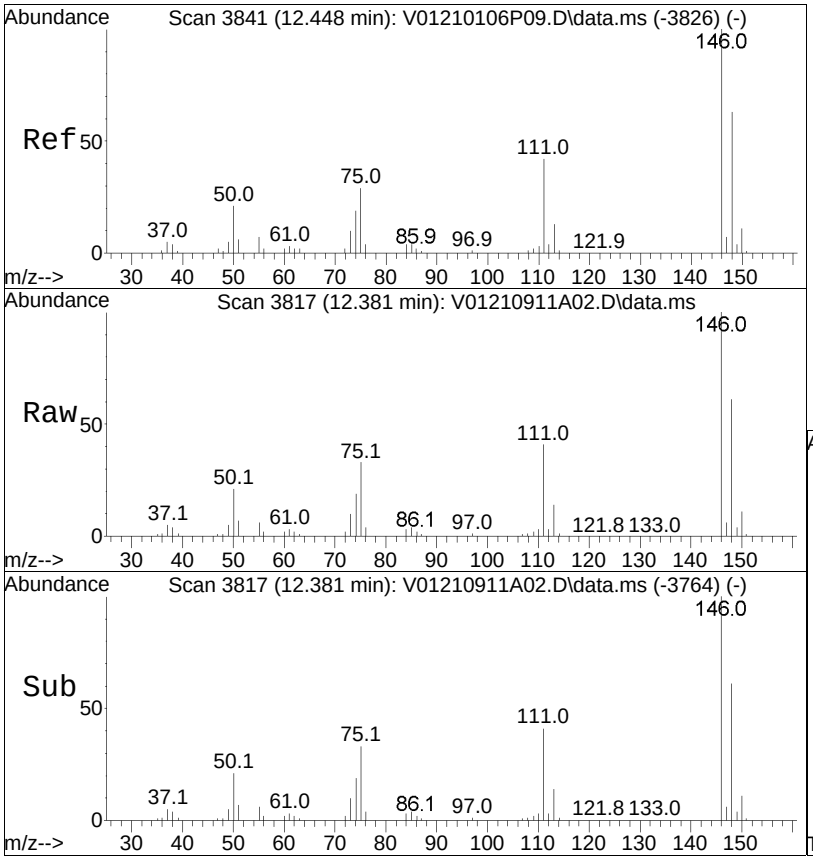


#99
p-Isopropyltoluene
Concen: 10.74 ug/L
RT: 12.306 min Scan# 3790
Delta R.T. -0.002 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion:119 Resp: 286675

Ion	Ratio	Lower	Upper
119	100		
134	25.6	17.7	36.7
91	23.4	15.4	32.0

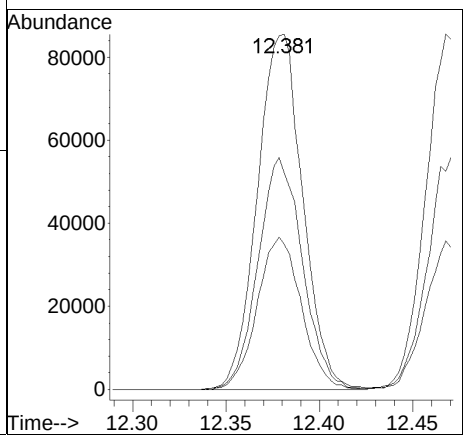


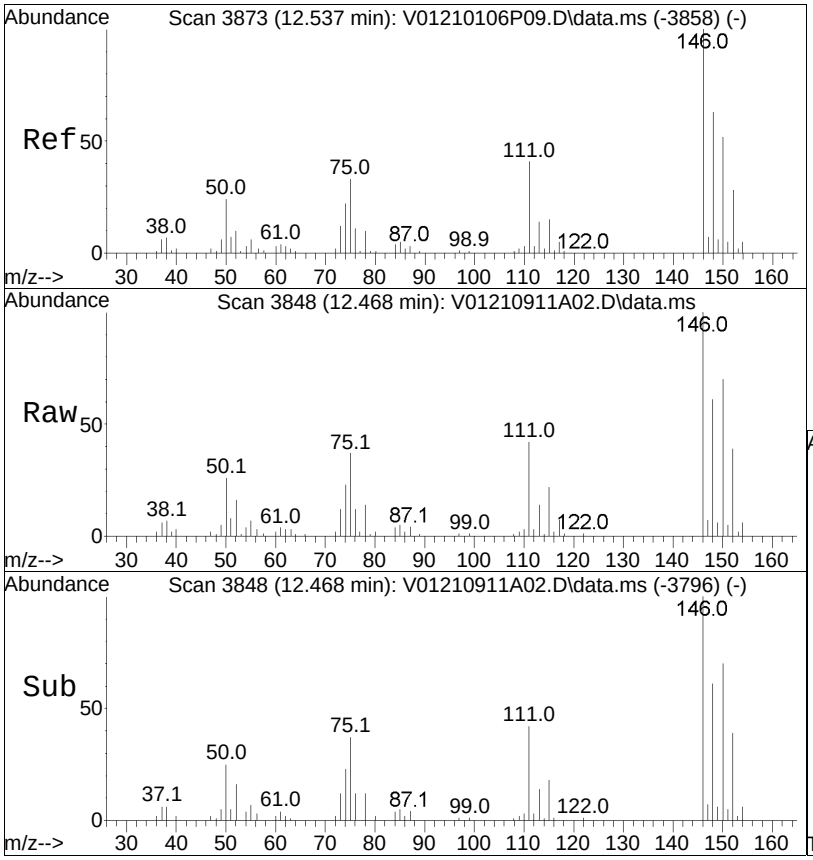


#100
1,3-Dichlorobenzene
Concen: 10.16 ug/L
RT: 12.381 min Scan# 3817
Delta R.T. -0.003 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion:146 Resp: 144600

Ion	Ratio	Lower	Upper
146	100		
111	41.6	25.9	53.9
148	63.9	41.5	86.3

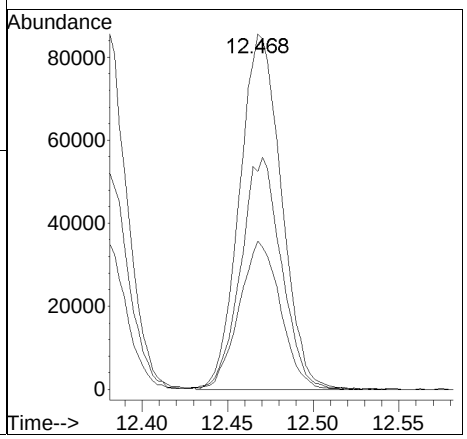


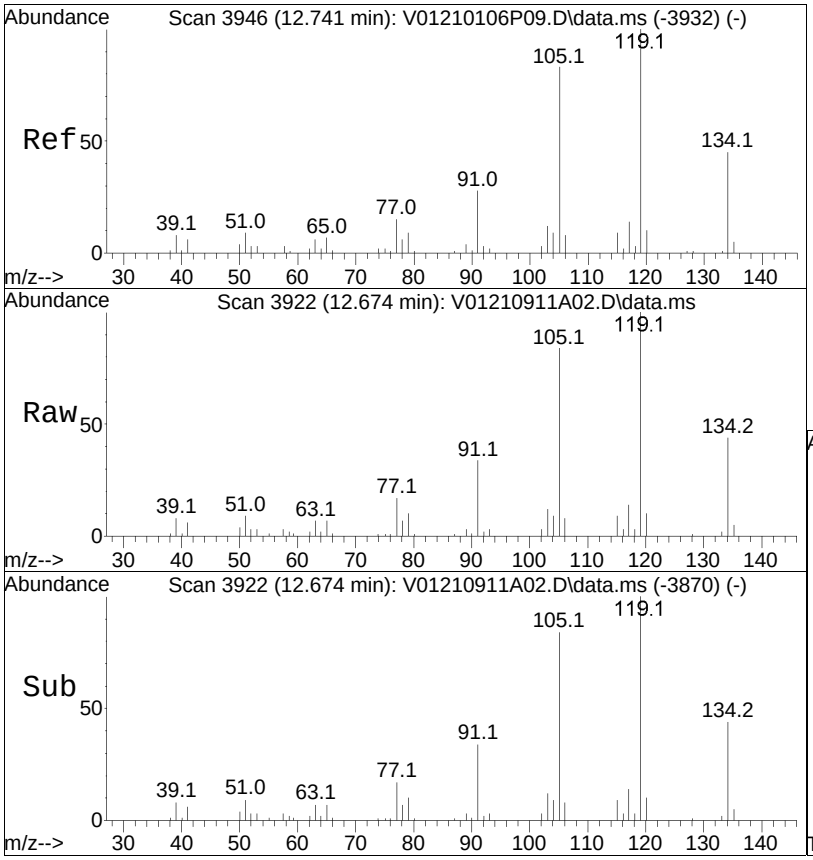


#101
1,4-Dichlorobenzene
Concen: 10.00 ug/L
RT: 12.468 min Scan# 3848
Delta R.T. -0.005 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion:146 Resp: 145846

Ion	Ratio	Lower	Upper
146	100		
111	41.2	31.7	47.5
148	63.5	51.5	77.3

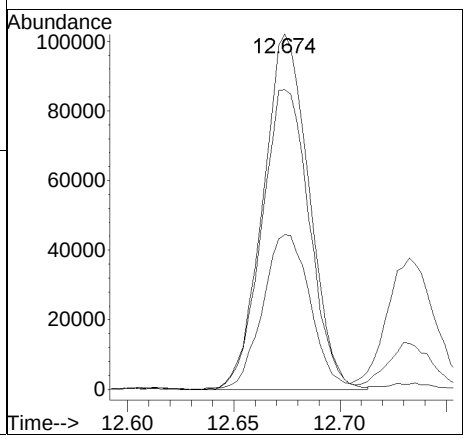


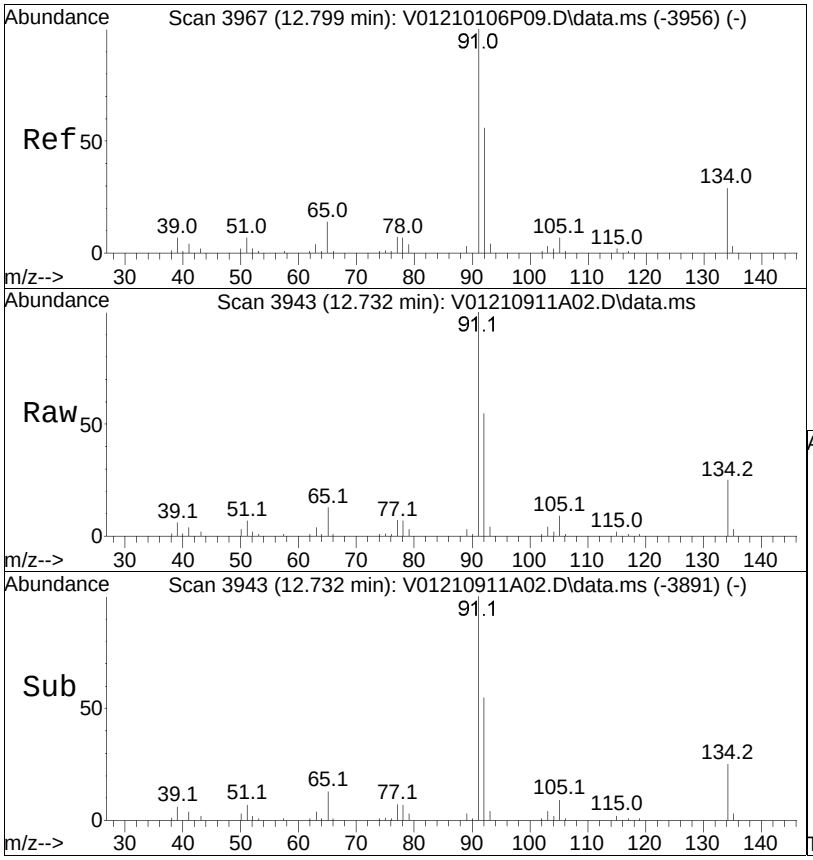


#102
p-Diethylbenzene
Concen: 10.15 ug/L
RT: 12.674 min Scan# 3922
Delta R.T. -0.005 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion:119 Resp: 154249

Ion	Ratio	Lower	Upper
119	100		
105	87.4	54.1	112.3
134	44.8	31.5	65.3

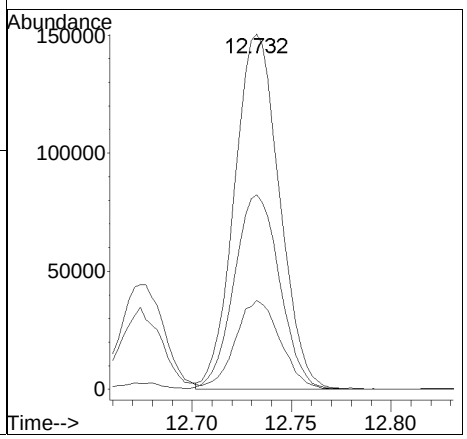


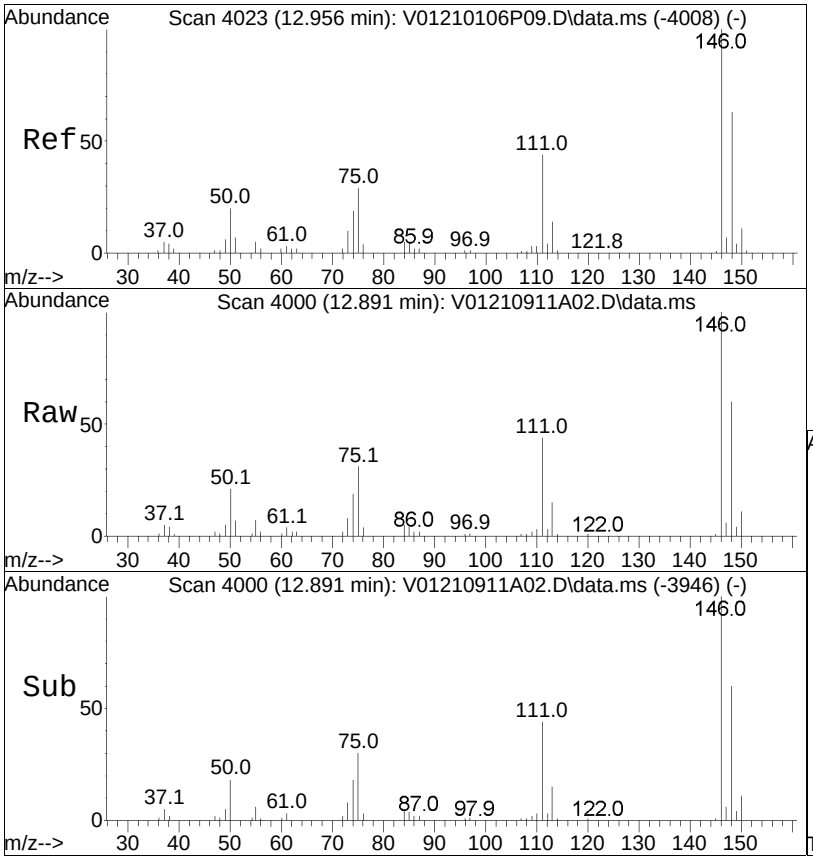


#103
n-Butylbenzene
Concen: 10.57 ug/L
RT: 12.732 min Scan# 3943
Delta R.T. -0.006 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion: 91 Resp: 237673

Ion	Ratio	Lower	Upper
91	100		
92	55.5	43.7	65.5
134	25.0	22.1	33.1

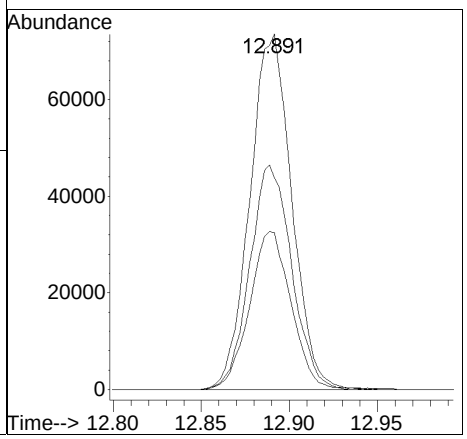


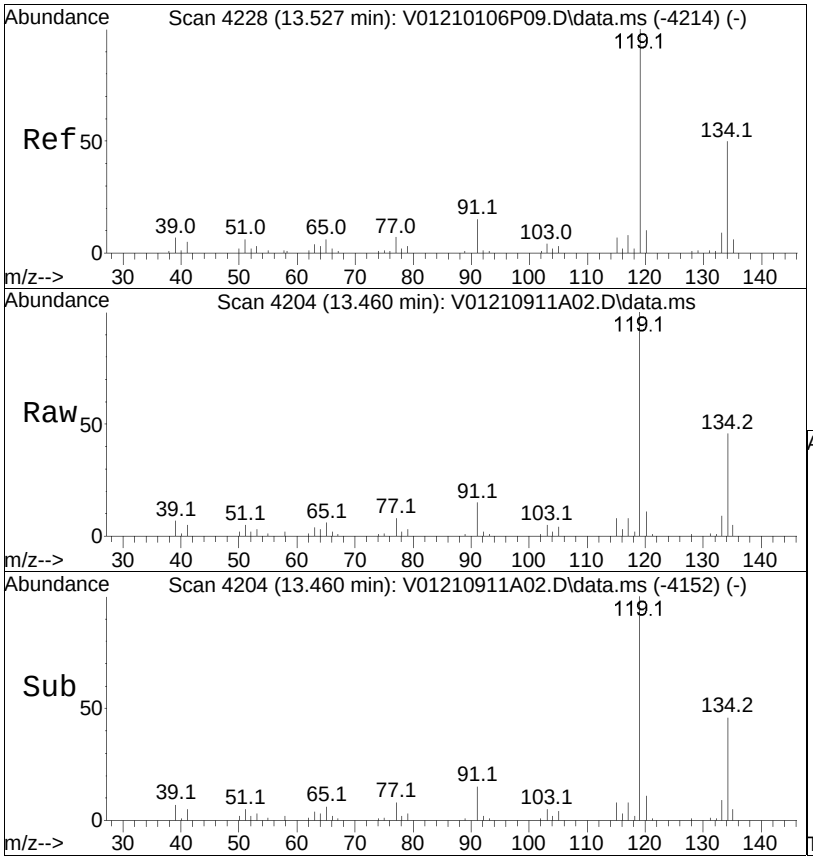


#104
1,2-Dichlorobenzene
Concen: 9.63 ug/L
RT: 12.891 min Scan# 4000
Delta R.T. 0.000 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion:146 Resp: 121397

Ion	Ratio	Lower	Upper
146	100		
111	43.9	26.8	55.8
148	63.6	41.6	86.4

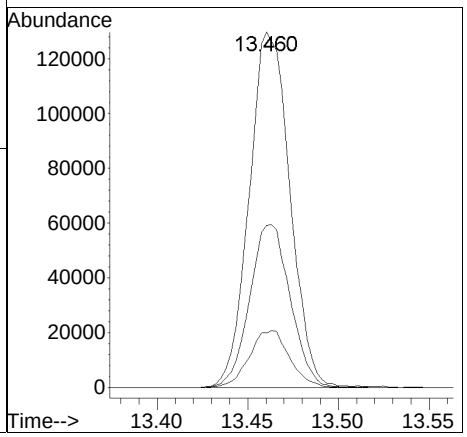


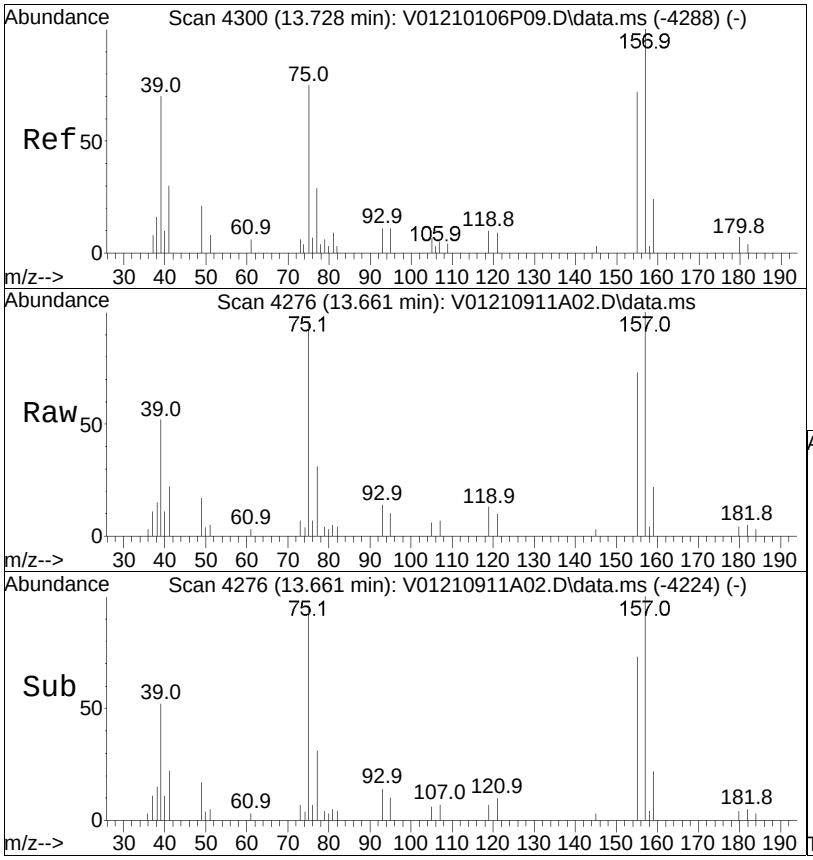


#105
1,2,4,5-Tetramethylbenzene
Concen: 10.20 ug/L
RT: 13.460 min Scan# 4204
Delta R.T. -0.006 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion:119 Resp: 202471

Ion	Ratio	Lower	Upper
119	100		
134	45.6	31.9	66.1
91	15.8	10.3	21.5

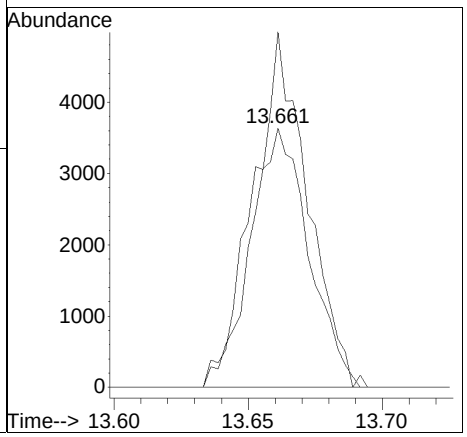


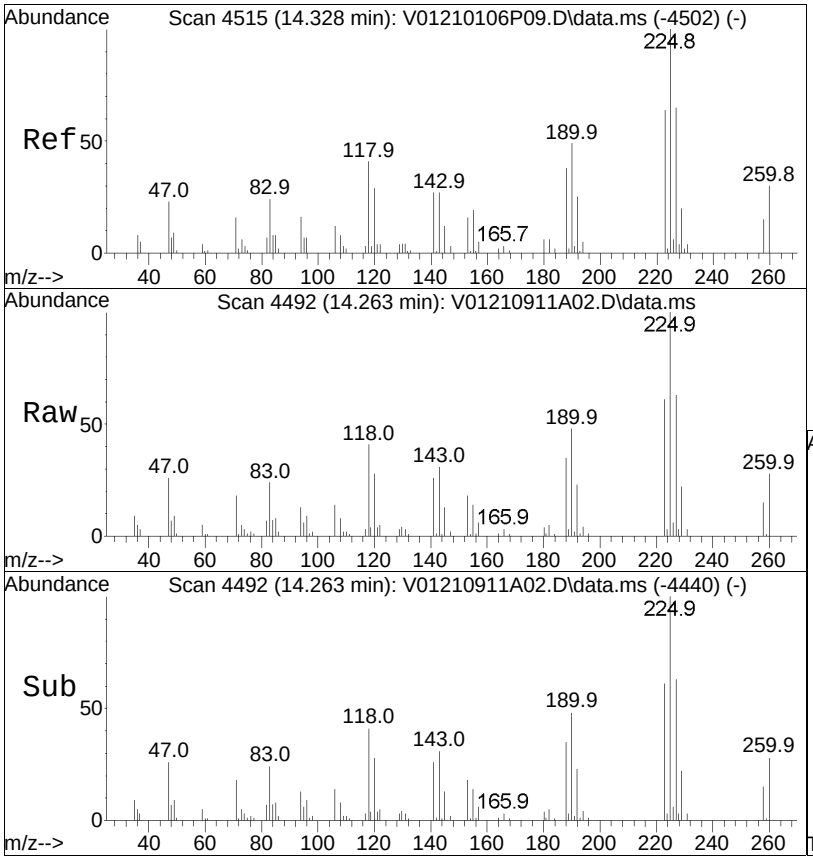


#106
1,2-Dibromo-3-chloropropane
Concen: 8.33 ug/L
RT: 13.661 min Scan# 4276
Delta R.T. -0.005 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion:155 Resp: 5500

Ion	Ratio	Lower	Upper
155	100		
157	128.0	101.1	151.7

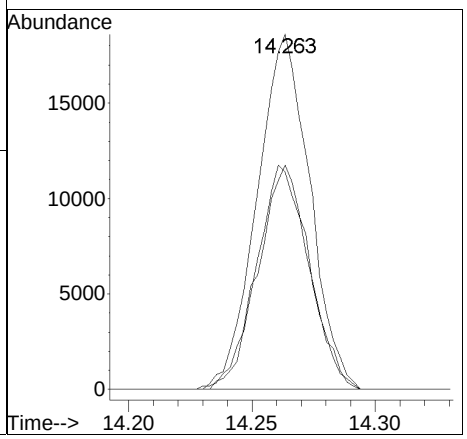


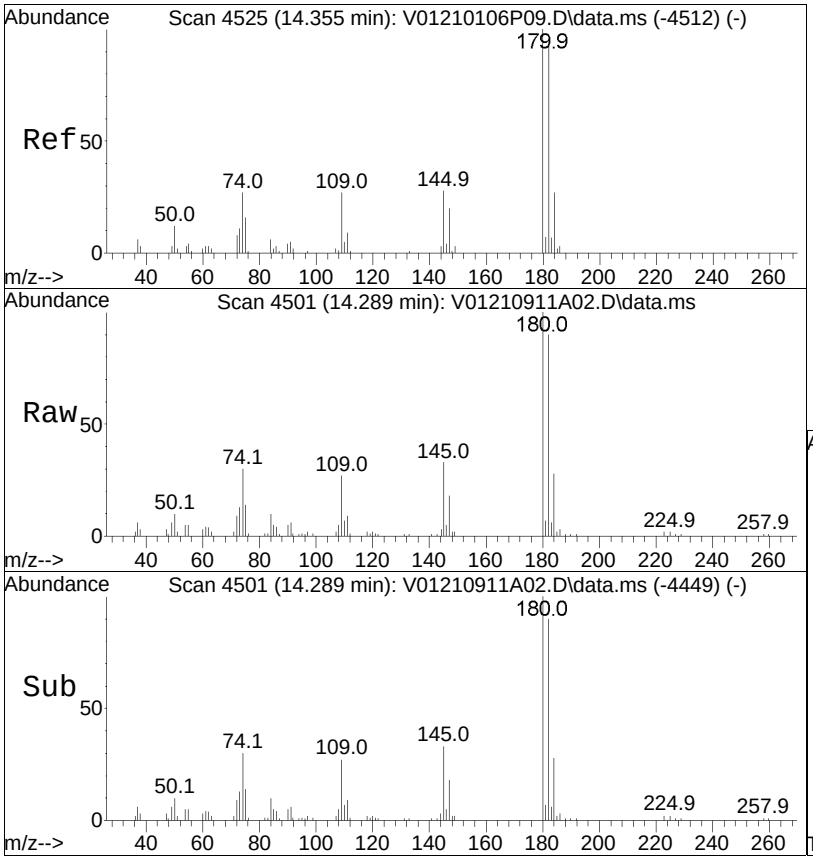


#108
Hexachlorobutadiene
Concen: 11.70 ug/L
RT: 14.263 min Scan# 4492
Delta R.T. -0.006 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion:225 Resp: 27676

Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.0	76.4
227	61.6	52.2	78.4

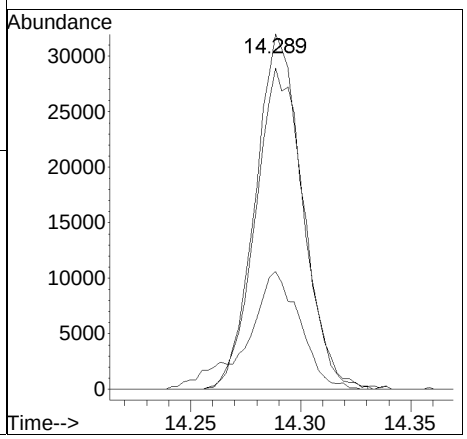


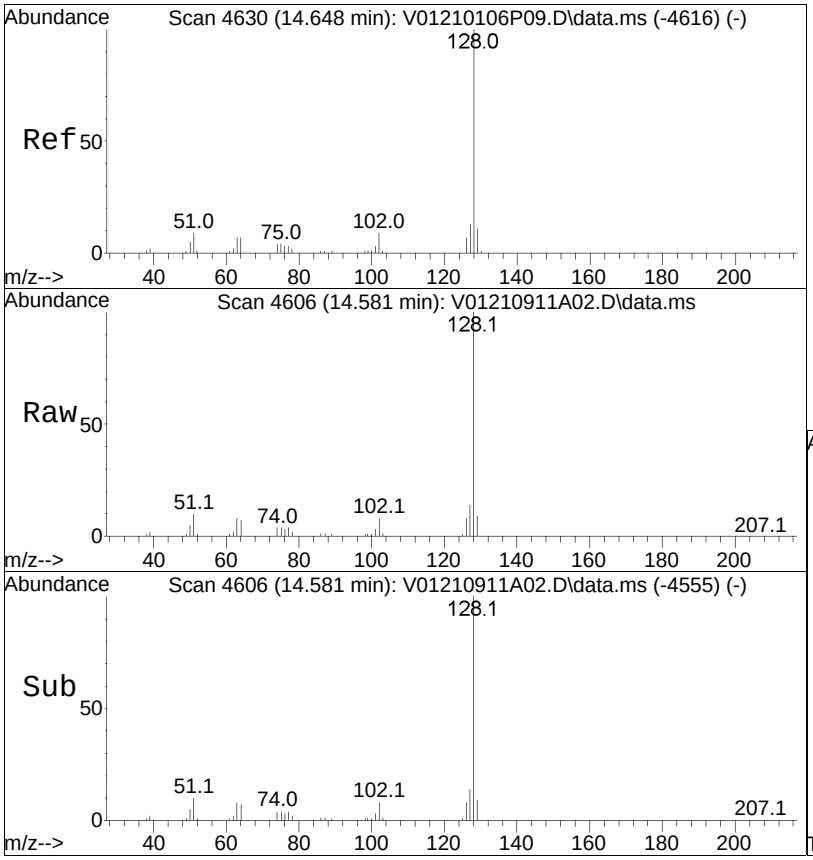


#109
1,2,4-Trichlorobenzene
Concen: 8.72 ug/L
RT: 14.289 min Scan# 4501
Delta R.T. -0.005 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion:180 Resp: 47408

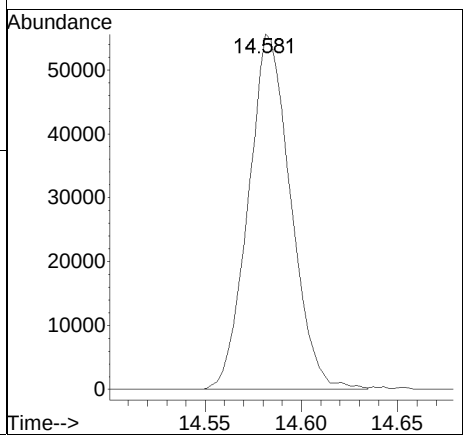
Ion	Ratio	Lower	Upper
180	100		
182	94.3	75.8	113.8
145	37.7	26.1	39.1

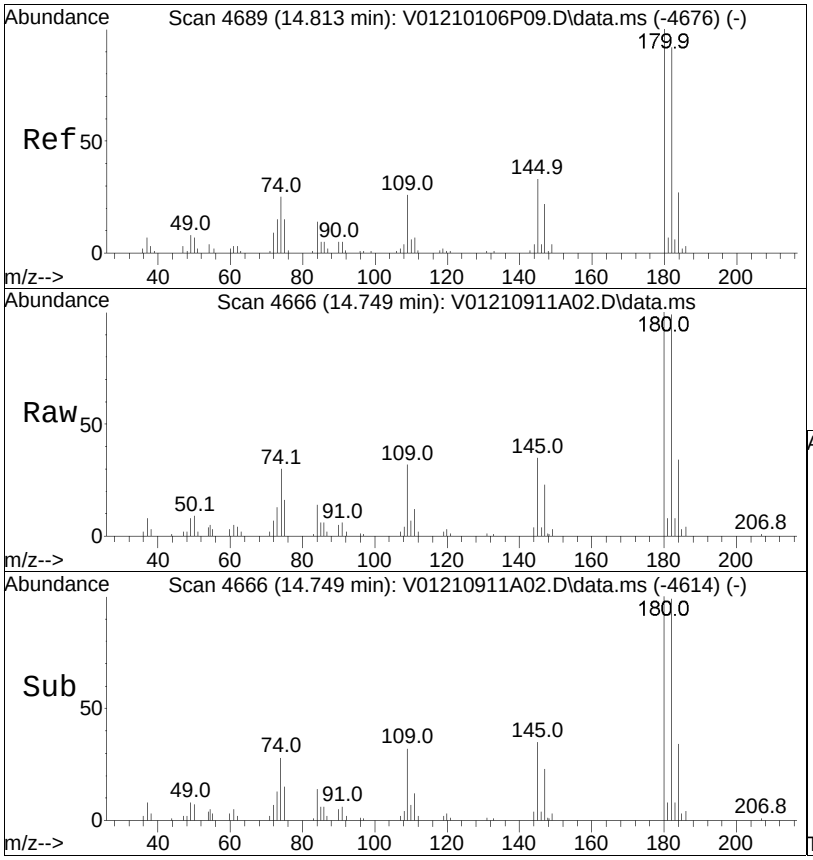




#110
Naphthalene
Concen: 7.08 ug/L
RT: 14.581 min Scan# 4606
Delta R.T. -0.006 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion:128 Resp: 85014

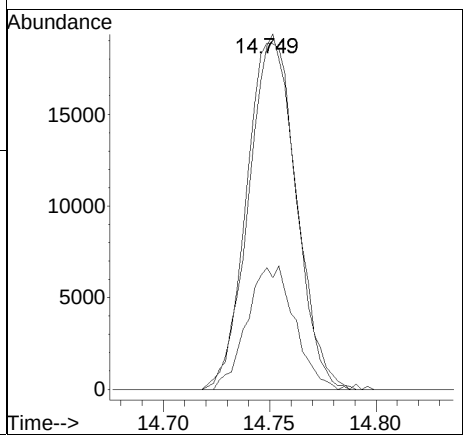




#111
1,2,3-Trichlorobenzene
Concen: 7.57 ug/L
RT: 14.749 min Scan# 4666
Delta R.T. -0.006 min
Lab File: V01210911A02.D
Acq: 11 Sep 2021 10:01 am

Tgt Ion:180 Resp: 31317

Ion	Ratio	Lower	Upper
180	100		
182	94.3	75.4	113.0
145	33.3	25.0	37.6



Manual Integration Report

Data Path	: I:\VOLATILES\VOA101\2021\2	QMethod	: V101_210824A_8260.m
Data File	: V01210911A02.D	Operator	: VOA101:LAC
Date Inj'd	: 9/11/2021 10:01 am	Instrument	: VOA 101
Sample	: WG1545693-3,31,10,10	Quant Date	: 9/11/2021 10:35 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A04.D
Acq On : 11 Sep 2021 10:46 am
Operator : VOA101:LAC
Sample : WG1545693-4,31,10,10
Misc : WG1545693,ICAL18254
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 11 11:12:15 2021
Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210911A\V01210911A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.254	96	386992	10.000	ug/L	0.00
Standard Area 1 = 384751			Recovery = 100.58%			
59) Chlorobenzene-d5	9.804	117	277702	10.000	ug/L	0.00
Standard Area 1 = 282294			Recovery = 98.37%			
79) 1,4-Dichlorobenzene-d4	12.453	152	119510	10.000	ug/L	0.00
Standard Area 1 = 118126			Recovery = 101.17%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.437	113	93993	10.005	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.05%			
43) 1,2-Dichloroethane-d4	5.970	65	99957	9.731	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.31%			
60) Toluene-d8	7.950	98	368470	10.275	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.75%			
83) 4-Bromofluorobenzene	11.265	95	132505	10.713	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 107.13%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.776	85	89626	9.691	ug/L	99
3) Chloromethane	1.977	50	130619	9.084	ug/L	99
4) Vinyl chloride	2.060	62	130749	9.629	ug/L	97
5) Bromomethane	2.389	94	33903	9.221	ug/L	99
6) Chloroethane	2.518	64	76538	10.261	ug/L	95
7) Trichlorofluoromethane	2.663	101	138497	9.858	ug/L	99
8) Ethyl ether	2.964	74	41007	7.754	ug/L #	68
10) 1,1-Dichloroethene	3.167	96	85852	9.377	ug/L	79
11) Carbon disulfide	3.201	76	248052	9.048	ug/L	99
15) Methylene chloride	3.728	84	93875	9.272	ug/L	81
17) Acetone	3.767	43	13147	7.252	ug/L	93
18) trans-1,2-Dichloroethene	3.887	96	94558	9.415	ug/L	82
20) Methyl tert-butyl ether	3.976	73	171983	7.252	ug/L #	90
23) 1,1-Dichloroethane	4.475	63	212530	9.547	ug/L	97
25) Acrylonitrile	4.517	53	19563	6.416	ug/L	97
27) Vinyl acetate	4.707	43	177589	7.912	ug/L	96
28) cis-1,2-Dichloroethene	4.999	96	105128	9.660	ug/L #	84
29) 2,2-Dichloropropane	5.100	77	145056	10.490	ug/L	100
30) Bromochloromethane	5.195	128	40977	9.632	ug/L #	76
32) Chloroform	5.262	83	165690	9.542	ug/L	99

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A04.D
Acq On : 11 Sep 2021 10:46 am
Operator : VOA101:LAC
Sample : WG1545693-4,31,10,10
Misc : WG1545693,ICAL18254
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 11 11:12:15 2021
Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210911A\V01210911A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
34) Carbon tetrachloride	5.404	117	129507	9.717	ug/L		98
37) 1,1,1-Trichloroethane	5.471	97	150800	10.238	ug/L		97
39) 2-Butanone	5.552	43	20547	6.816	ug/L	#	38
40) 1,1-Dichloropropene	5.588	75	133333	9.692	ug/L		99
41) Benzene	5.836	78	383481	9.402	ug/L	#	92
44) 1,2-Dichloroethane	6.042	62	110524	8.678	ug/L		98
48) Trichloroethene	6.436	95	99296	9.451	ug/L		99
50) Dibromomethane	6.876	93	42212	8.447	ug/L		95
51) 1,2-Dichloropropane	6.982	63	117070	9.009	ug/L	#	94
54) Bromodichloromethane	7.052	83	115487	8.861	ug/L		99
57) 1,4-Dioxane	7.261	88	13405	342.342	ug/L	#	61
58) cis-1,3-Dichloropropene	7.743	75	131052	8.499	ug/L		99
61) Toluene	8.011	92	238696	9.600	ug/L		99
62) 4-Methyl-2-pentanone	8.443	58	20903	7.509	ug/L	#	81
63) Tetrachloroethene	8.463	166	94157	10.220	ug/L		99
65) trans-1,3-Dichloropropene	8.491	75	102752	8.829	ug/L		98
68) 1,1,2-Trichloroethane	8.678	83	49785	8.696	ug/L		98
69) Chlorodibromomethane	8.892	129	68045	8.856	ug/L		96
70) 1,3-Dichloropropane	9.001	76	103127	8.711	ug/L		100
71) 1,2-Dibromoethane	9.177	107	55547	8.828	ug/L		99
72) 2-Hexanone	9.447	43	31483	7.641	ug/L	#	88
73) Chlorobenzene	9.827	112	244418	9.821	ug/L		100
74) Ethylbenzene	9.860	91	449545	9.855	ug/L		99
75) 1,1,1,2-Tetrachloroethane	9.907	131	82490	9.974	ug/L		99
76) p/m Xylene	10.050	106	331183	19.391	ug/L		97
77) o Xylene	10.574	106	311761	19.966	ug/L		98
78) Styrene	10.638	104	497538	19.304	ug/L		99
80) Bromoform	10.666	173	33096	8.924	ug/L		100
82) Isopropylbenzene	10.945	105	400299	10.640	ug/L		97
84) Bromobenzene	11.377	156	82918	11.039	ug/L		100
85) n-Propylbenzene	11.413	91	452241	10.595	ug/L		97
87) 1,1,2,2-Tetrachloroethane	11.497	83	57089	8.758	ug/L		99
88) 4-Ethyltoluene	11.536	105	361567	10.339	ug/L		97
89) 2-Chlorotoluene	11.581	91	274152	10.714	ug/L		96
90) 1,3,5-Trimethylbenzene	11.628	105	297543	10.475	ug/L		95
91) 1,2,3-Trichloropropane	11.636	75	40735M4	8.553	ug/L		
92) trans-1,4-Dichloro-2-b...	11.689	53	11472	5.975	ug/L	#	68
93) 4-Chlorotoluene	11.759	91	277593	10.530	ug/L		96
94) tert-Butylbenzene	11.968	119	237131	10.190	ug/L		97

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A04.D
Acq On : 11 Sep 2021 10:46 am
Operator : VOA101:LAC
Sample : WG1545693-4,31,10,10
Misc : WG1545693,ICAL18254
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 11 11:12:15 2021
Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2021\210911A\V01210911A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97)	1,2,4-Trimethylbenzene	12.044	105	287031	10.312	ug/L	96
98)	sec-Butylbenzene	12.158	105	339139	9.990	ug/L	95
99)	p-Isopropyltoluene	12.306	119	273082	10.116	ug/L	98
100)	1,3-Dichlorobenzene	12.381	146	142477	9.895	ug/L	98
101)	1,4-Dichlorobenzene	12.470	146	143356	9.719	ug/L	99
102)	p-Diethylbenzene	12.677	119	148538	9.660	ug/L	96
103)	n-Butylbenzene	12.732	91	224740	9.883	ug/L	98
104)	1,2-Dichlorobenzene	12.888	146	120843	9.479	ug/L	97
105)	1,2,4,5-Tetramethylben...	13.463	119	188752	9.399	ug/L	97
106)	1,2-Dibromo-3-chloropr...	13.664	155	5118	7.660	ug/L	95
108)	Hexachlorobutadiene	14.261	225	24223	10.117	ug/L	98
109)	1,2,4-Trichlorobenzene	14.288	180	43119	7.841	ug/L	97
110)	Naphthalene	14.581	128	73587	6.059	ug/L	100
111)	1,2,3-Trichlorobenzene	14.751	180	26215	6.267	ug/L	98

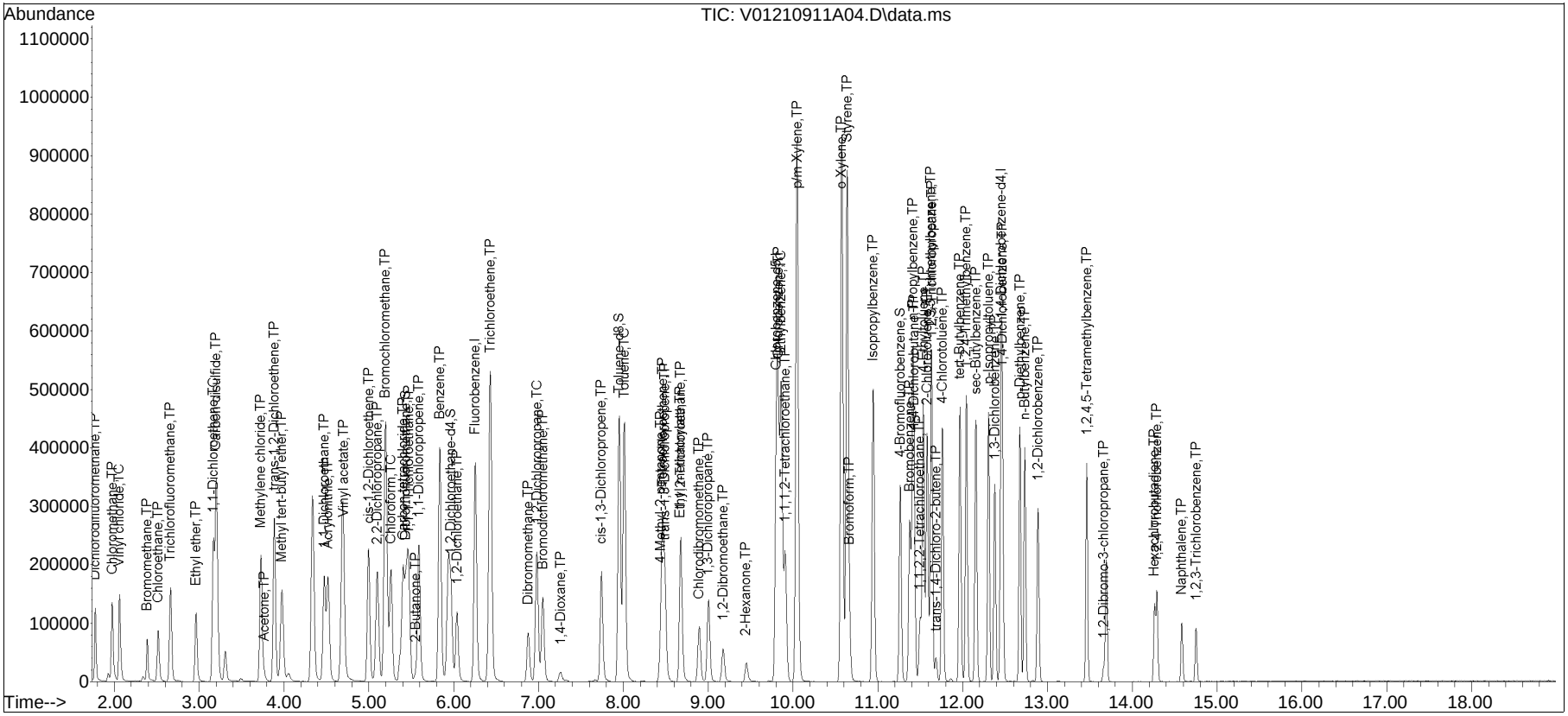
(#) = qualifier out of range (m) = manual integration (+) = signals summed

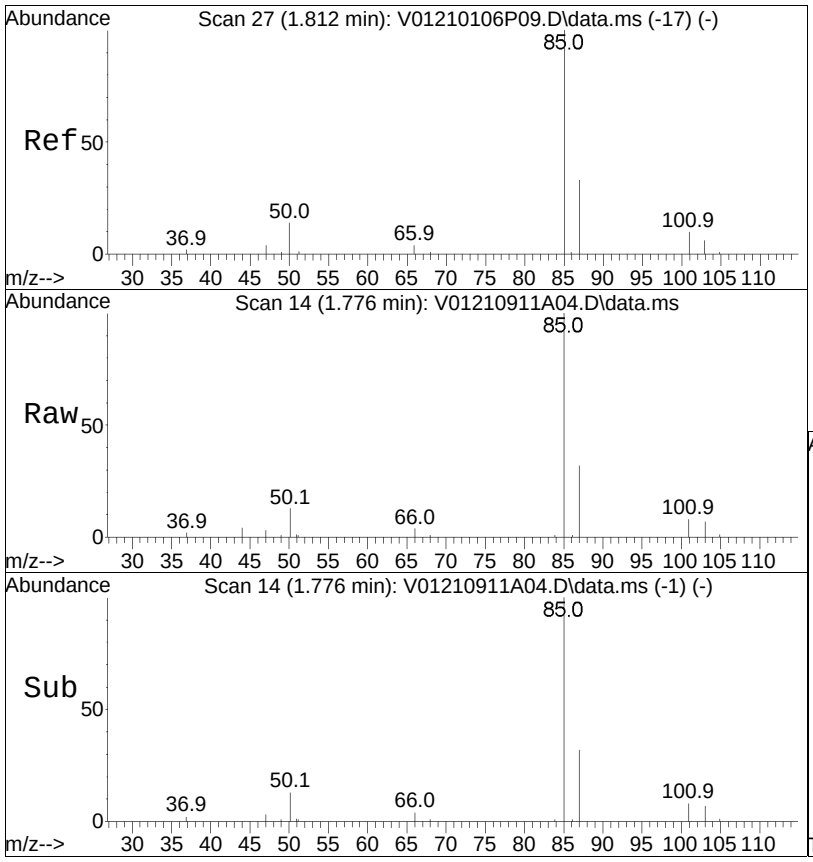
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2021\210911A\
Data File : V01210911A04.D
Acq On : 11 Sep 2021 10:46 am
Operator : VOA101:LAC
Sample : WG1545693-4,31,10,10
Misc : WG1545693,ICAL18254
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 11 11:12:15 2021
Quant Method : I:\VOLATILES\VOA101\2021\210911A\V101_210824A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 24 15:36:35 2021
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox10911A\V01210911A02.D•

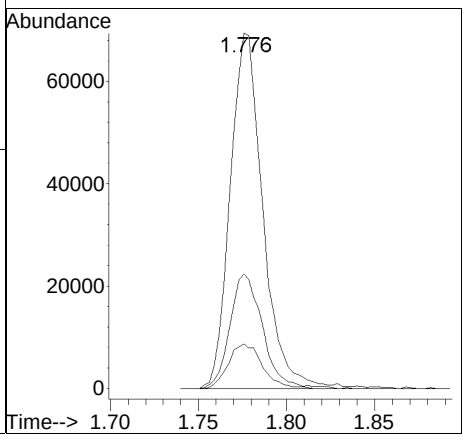


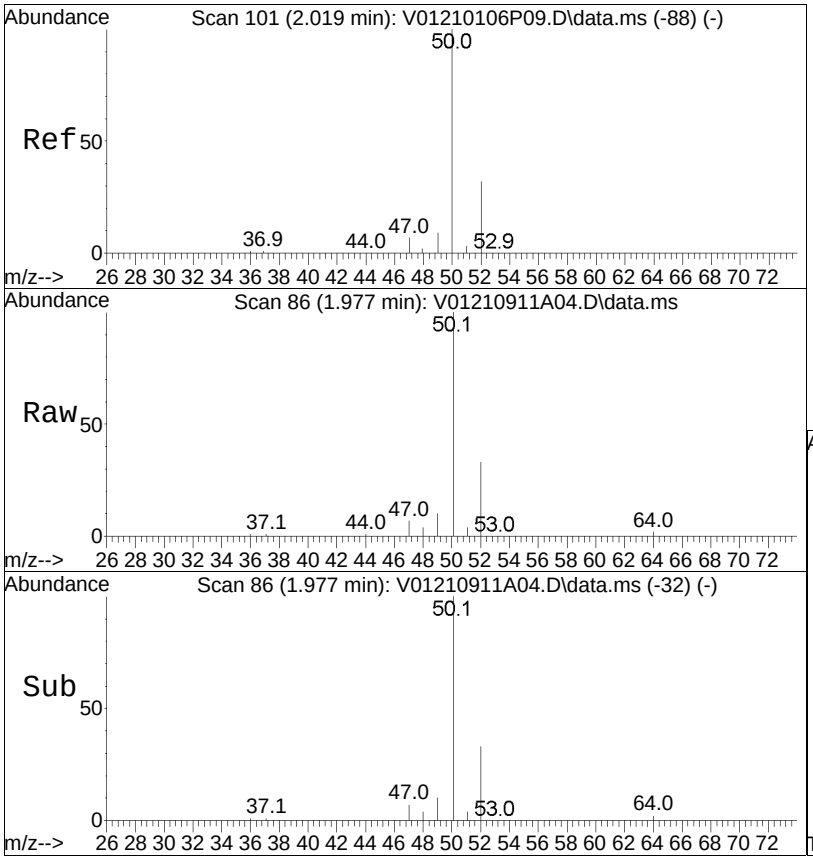


#2
Dichlorodifluoromethane
Concen: 9.69 ug/L
RT: 1.776 min Scan# 14
Delta R.T. -0.000 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion: 85 Resp: 89626

Ion	Ratio	Lower	Upper
85	100		
87	32.2	20.9	43.5
50	13.0	9.1	18.9

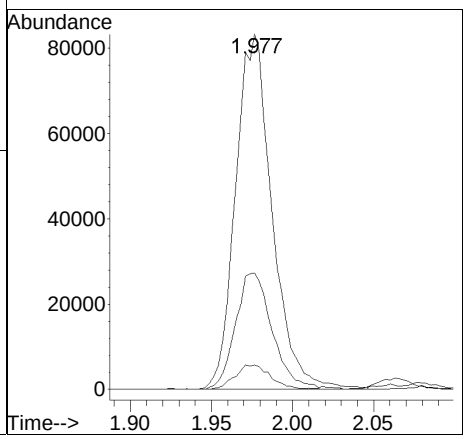


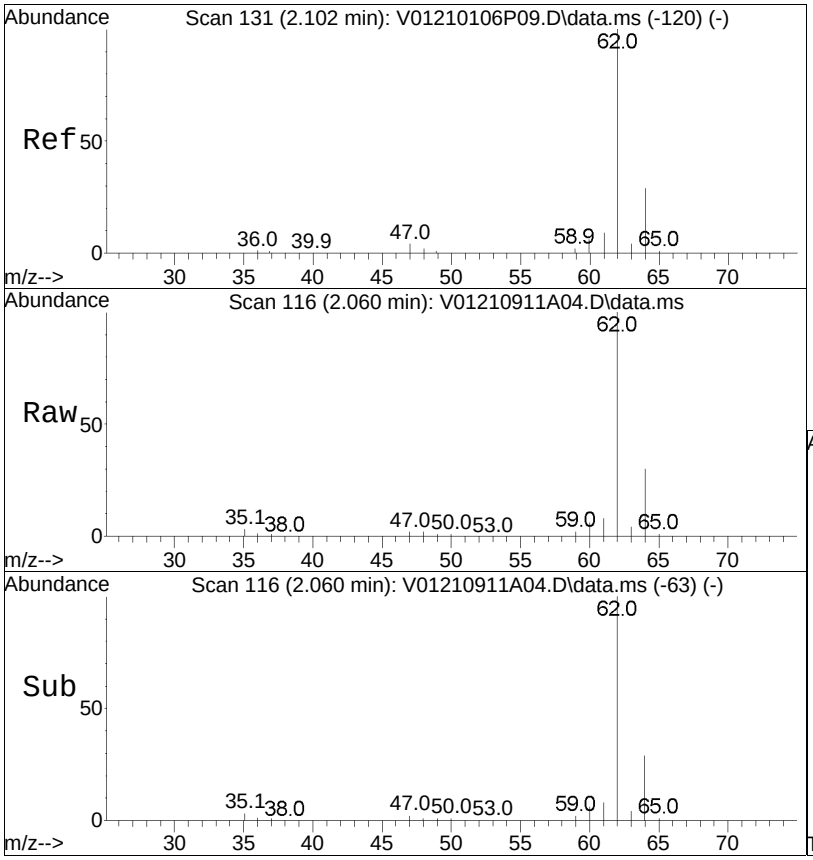


#3
Chloromethane
Concen: 9.08 ug/L
RT: 1.977 min Scan# 86
Delta R.T. 0.001 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion: 50 Resp: 130619

Ion	Ratio	Lower	Upper
50	100		
52	33.1	12.8	52.8
47	6.7	0.0	28.3

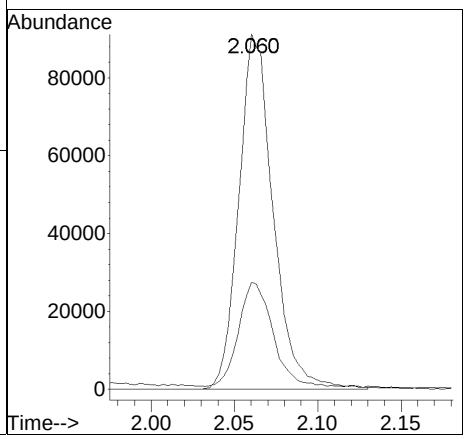


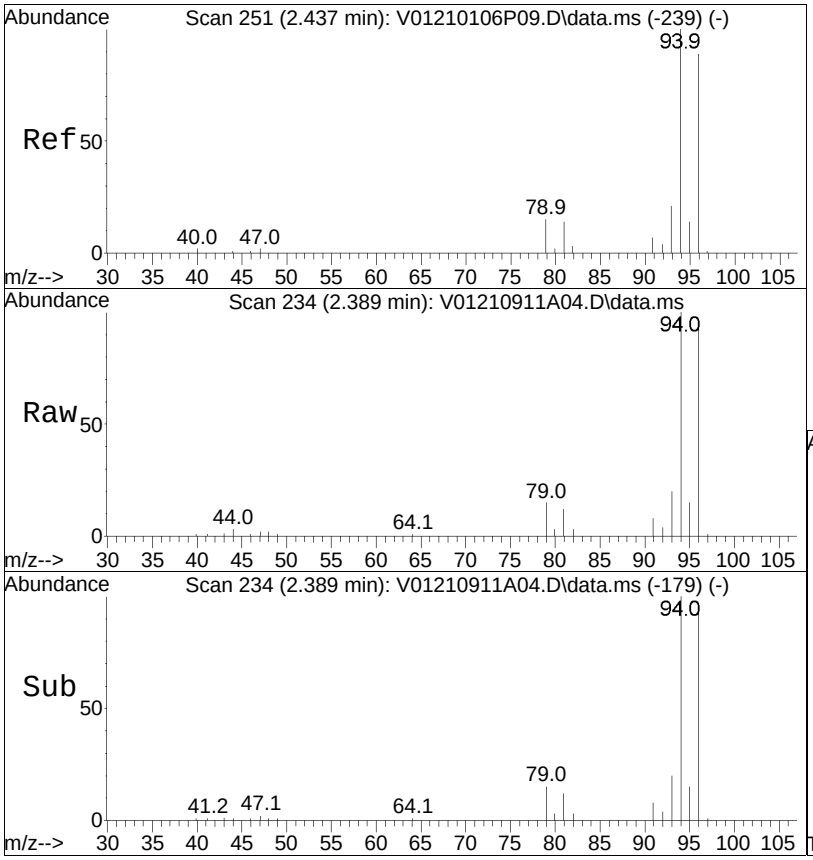


#4
Vinyl chloride
Concen: 9.63 ug/L
RT: 2.060 min Scan# 116
Delta R.T. -0.003 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion: 62 Resp: 130749

Ion	Ratio	Lower	Upper
62	100		
64	28.9	10.8	50.8

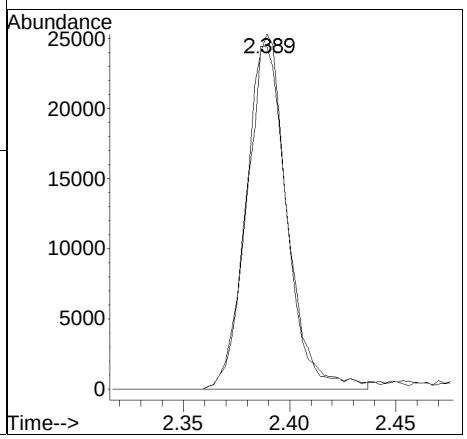


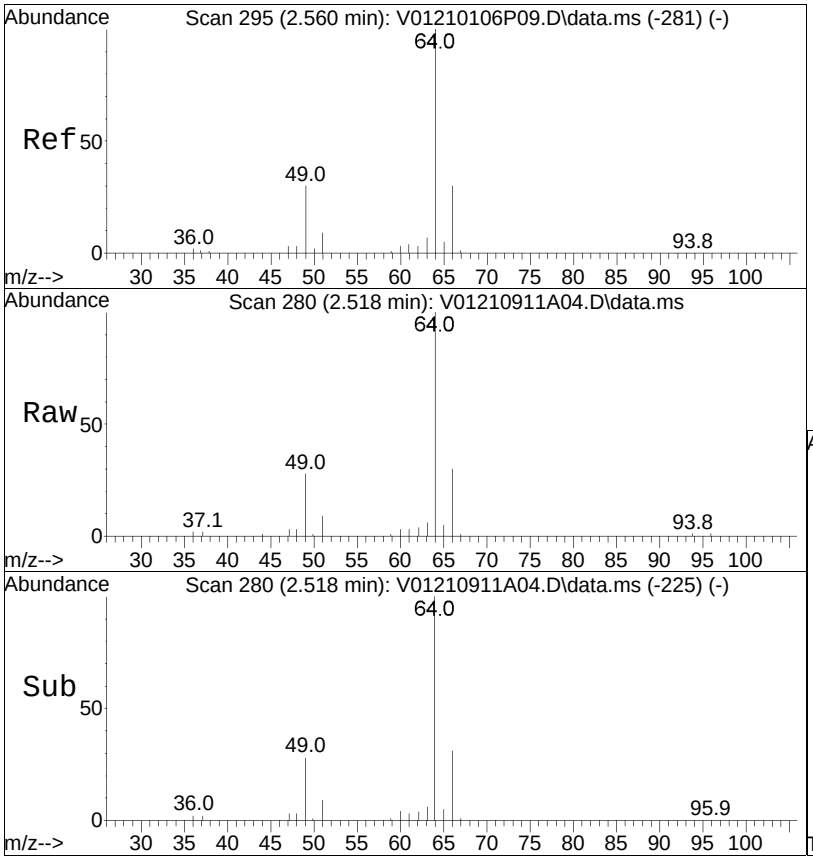


#5
Bromomethane
Concen: 9.22 ug/L
RT: 2.389 min Scan# 234
Delta R.T. 0.003 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion: 94 Resp: 33903

Ion	Ratio	Lower	Upper
94	100		
96	94.8	73.6	113.6

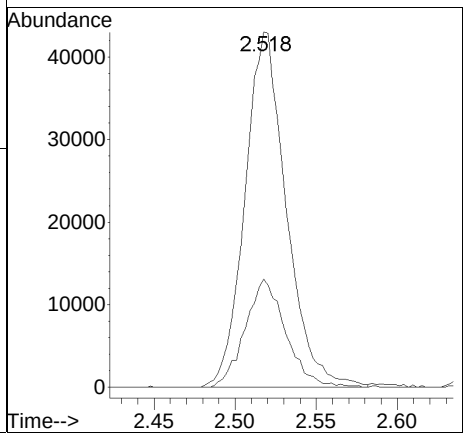


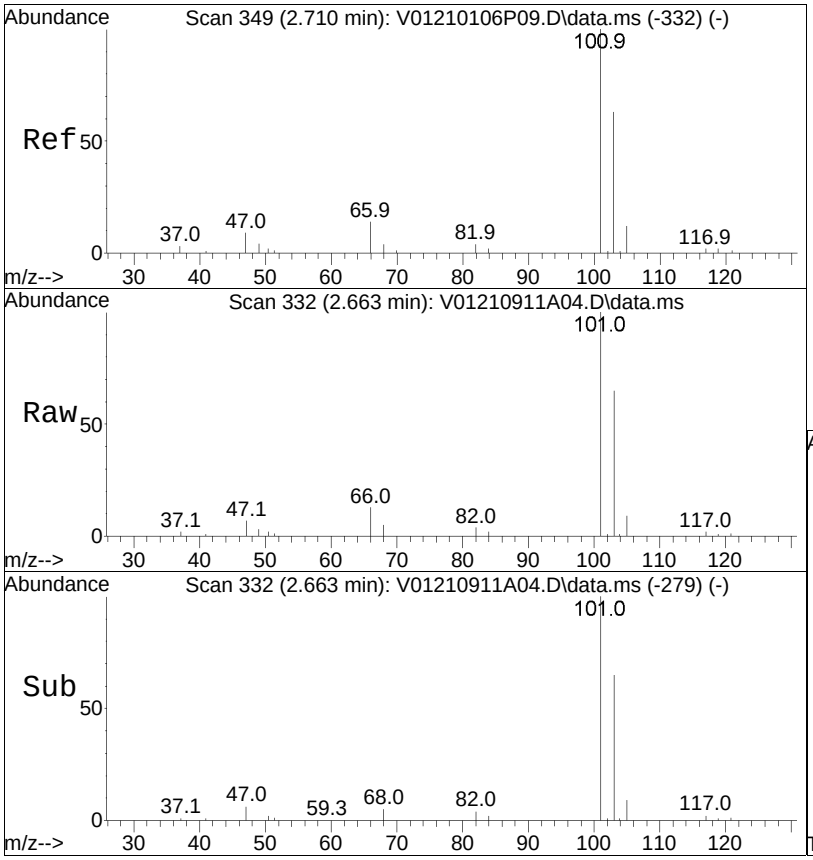


#6
Chloroethane
Concen: 10.26 ug/L
RT: 2.518 min Scan# 280
Delta R.T. 0.003 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion: 64 Resp: 76538

Ion	Ratio	Lower	Upper
64	100		
66	29.9	12.7	52.7

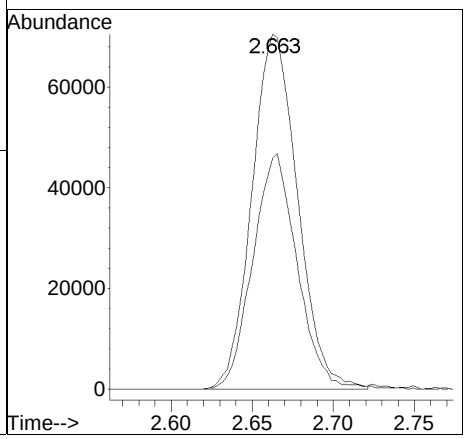


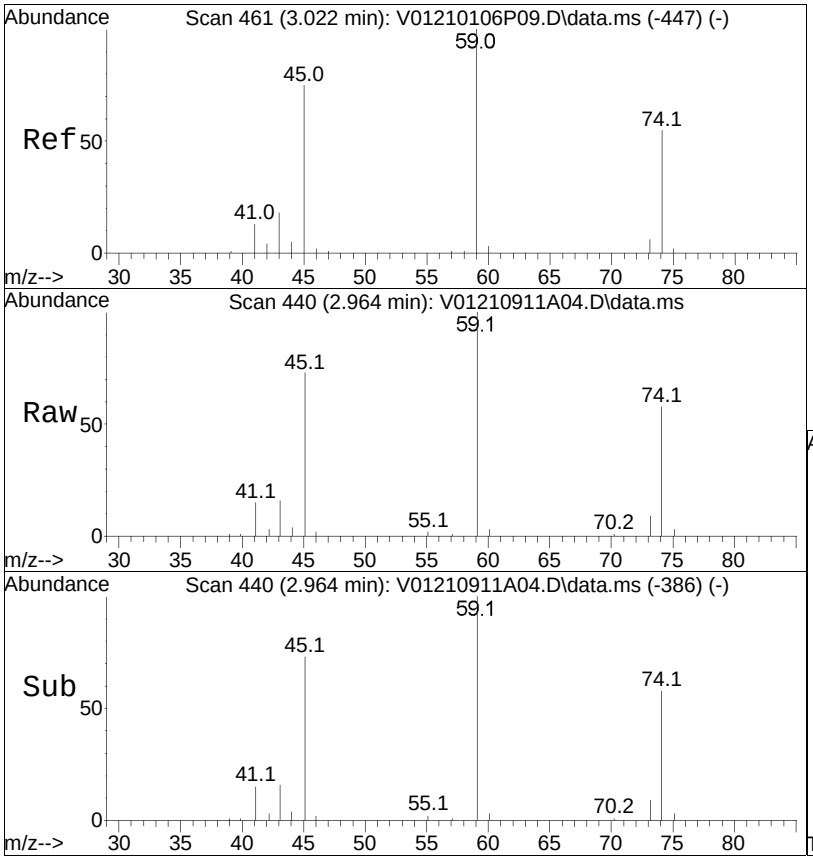


#7
Trichlorofluoromethane
Concen: 9.86 ug/L
RT: 2.663 min Scan# 332
Delta R.T. -0.002 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion:101 Resp: 138497

Ion	Ratio	Lower	Upper
101	100		
103	64.6	52.3	78.5

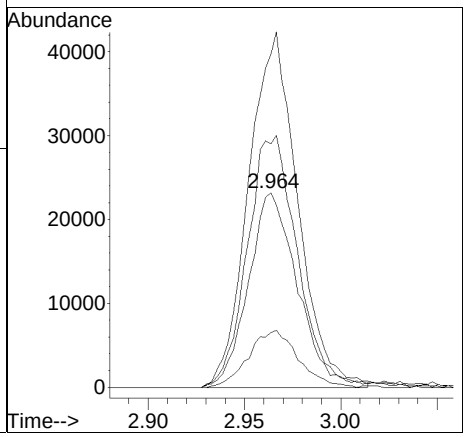


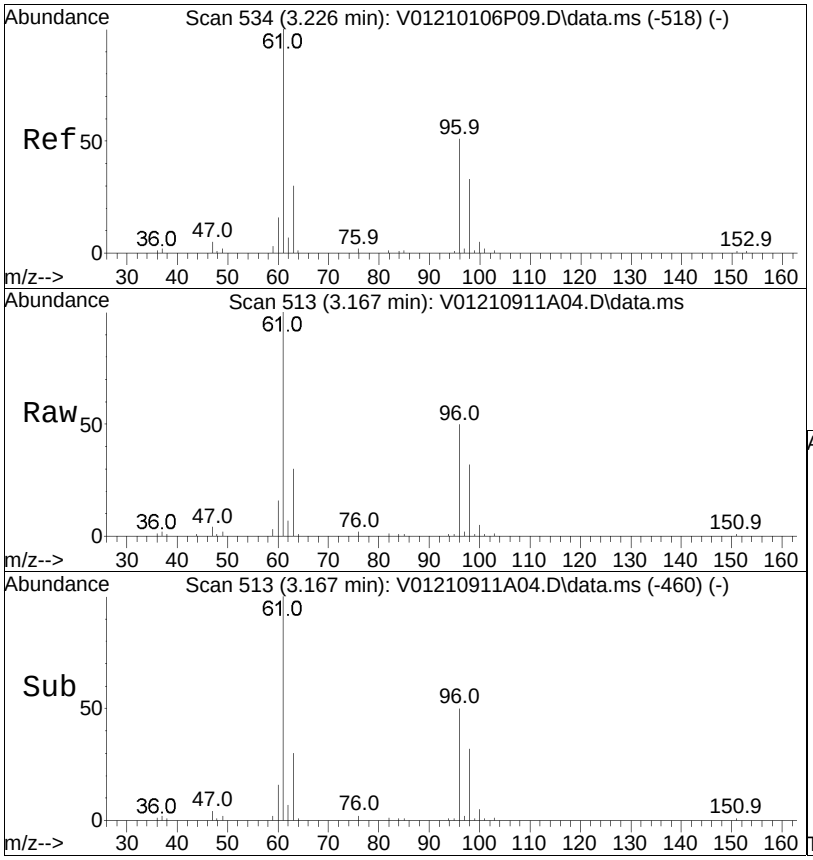


#8
Ethyl ether
Concen: 7.75 ug/L
RT: 2.964 min Scan# 440
Delta R.T. -0.000 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion: 74 Resp: 41007

Ion	Ratio	Lower	Upper
74	100		
59	183.4	88.1	182.9#
45	132.6	66.1	137.3
43	29.8	19.7	40.9

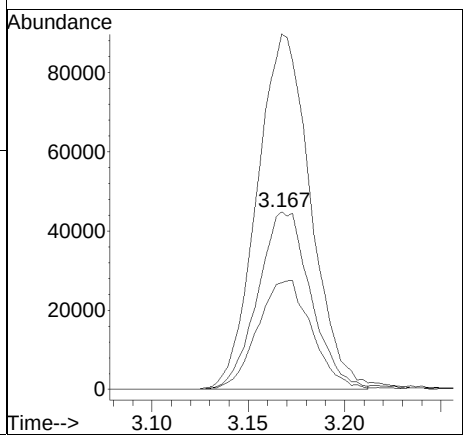


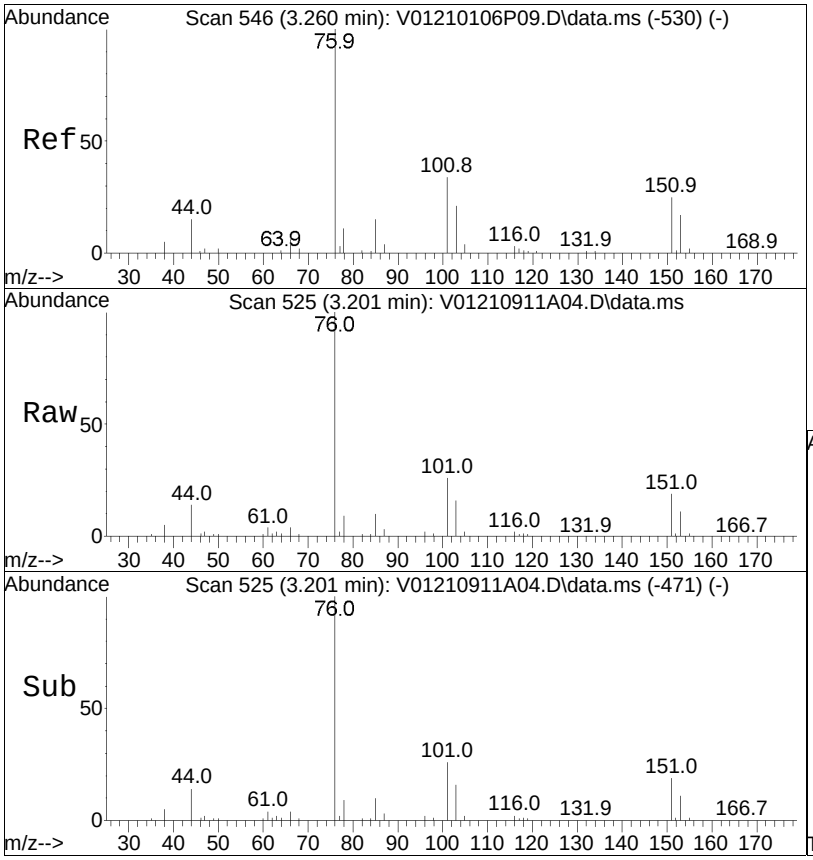


#10
1,1-Dichloroethene
Concen: 9.38 ug/L
RT: 3.167 min Scan# 513
Delta R.T. -0.003 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion: 96 Resp: 85852

Ion	Ratio	Lower	Upper
96	100		
61	203.7	136.8	205.2
63	62.9	43.6	65.4

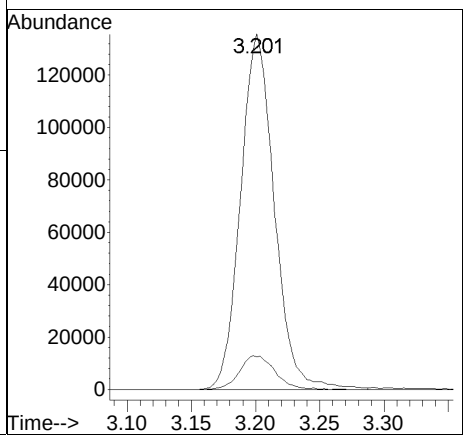


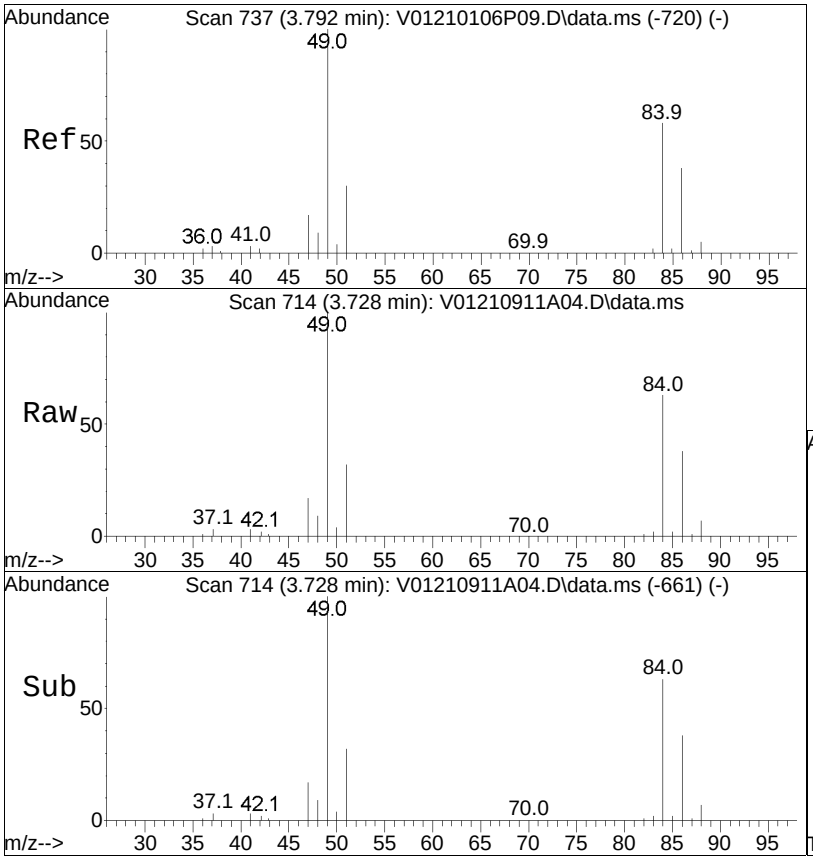


#11
Carbon disulfide
Concen: 9.05 ug/L
RT: 3.201 min Scan# 525
Delta R.T. -0.000 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion: 76 Resp: 248052

Ion	Ratio	Lower	Upper
76	100		
78	9.9	6.6	13.8

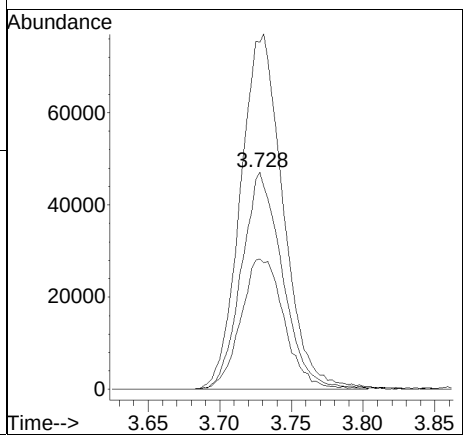


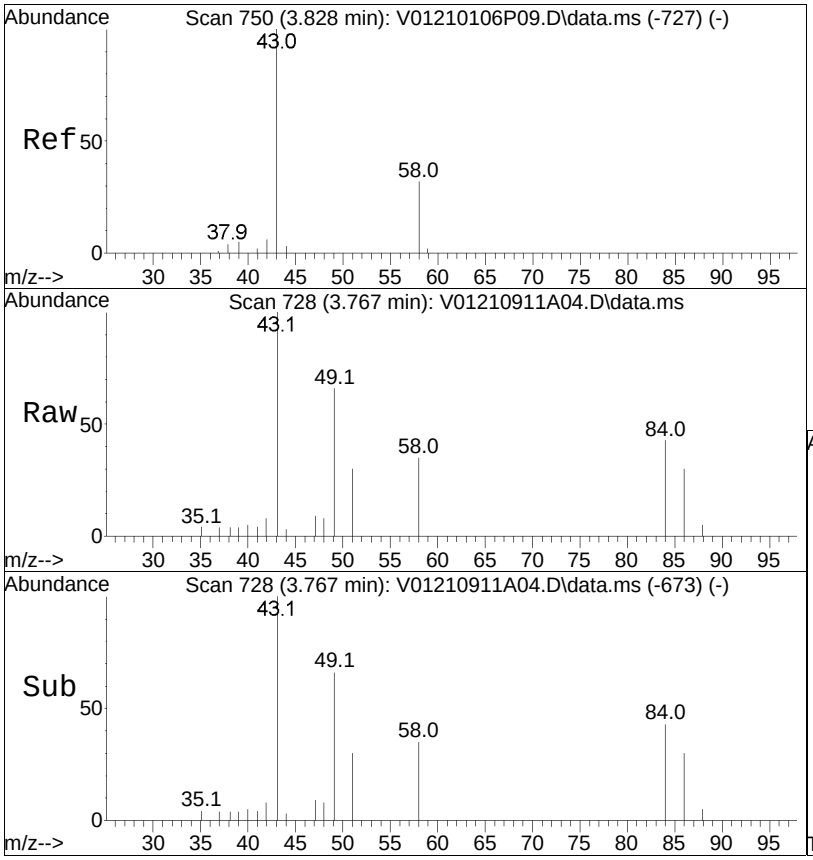


#15
Methylene chloride
Concen: 9.27 ug/L
RT: 3.728 min Scan# 714
Delta R.T. -0.003 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion: 84 Resp: 93875

Ion	Ratio	Lower	Upper
84	100		
86	63.8	41.7	86.7
49	170.5	89.1	185.1

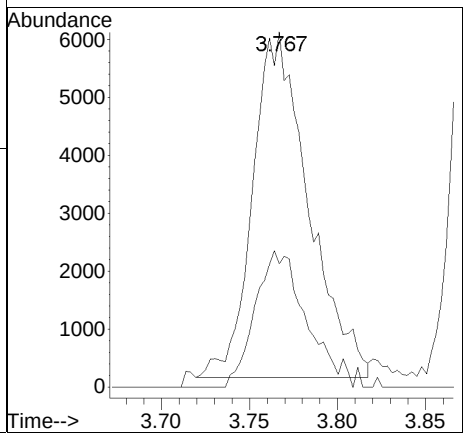


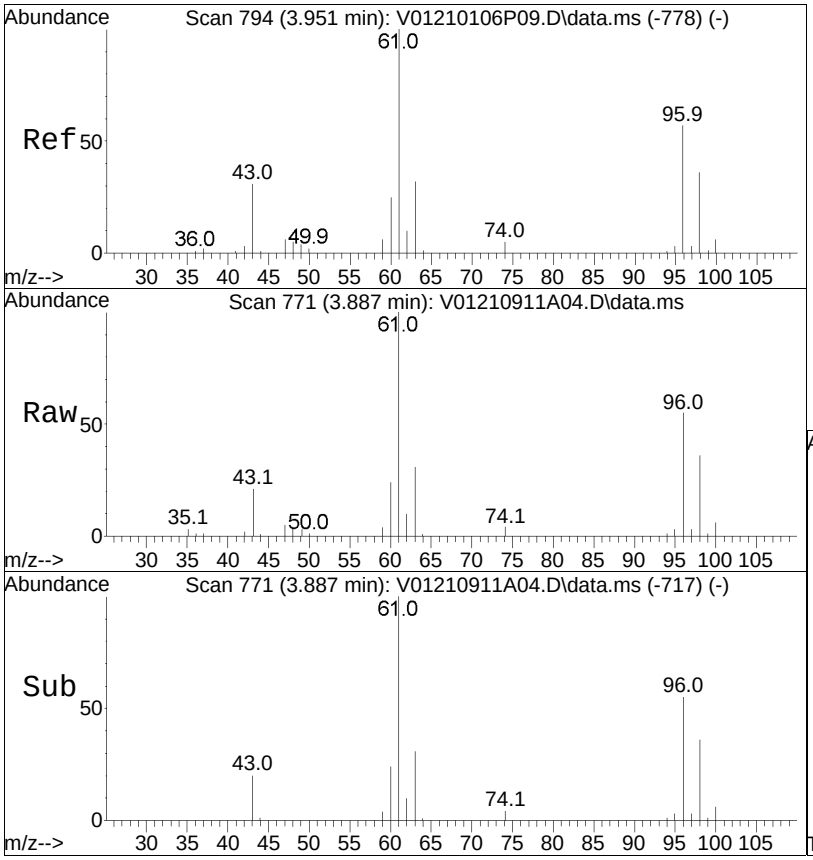


#17
Acetone
Concen: 7.25 ug/L
RT: 3.767 min Scan# 728
Delta R.T. 0.003 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion: 43 Resp: 13147

Ion	Ratio	Lower	Upper
43	100		
58	36.2	25.9	38.9

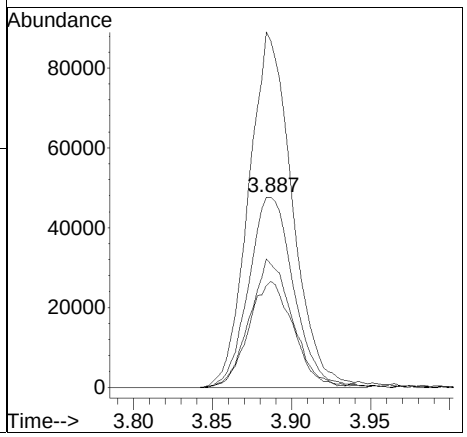


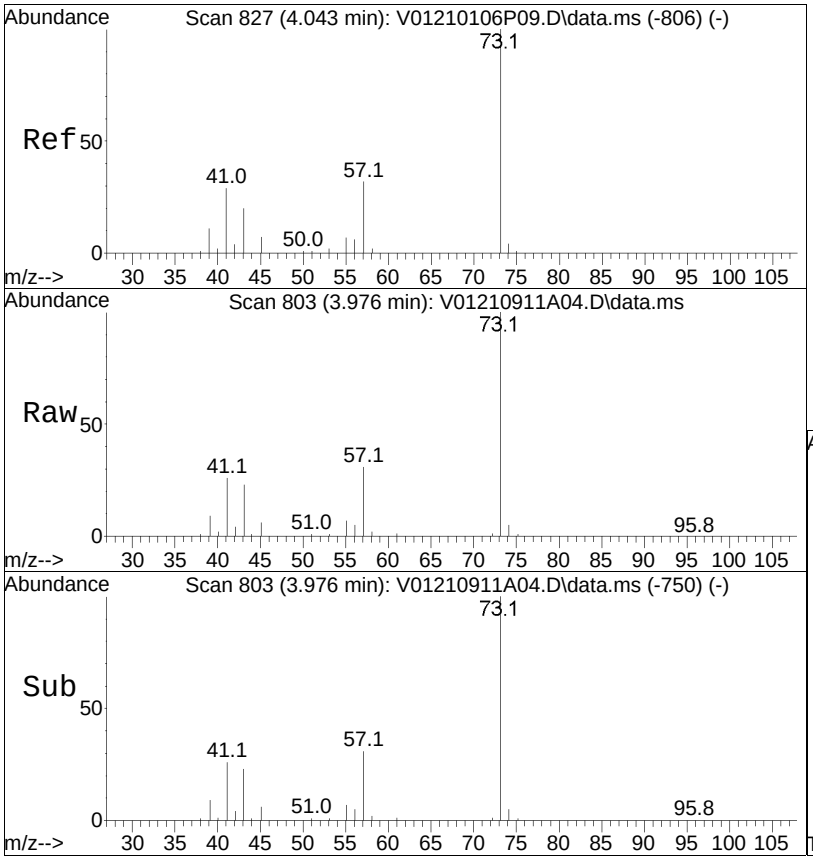


#18
trans-1,2-Dichloroethene
Concen: 9.41 ug/L
RT: 3.887 min Scan# 771
Delta R.T. -0.000 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion: 96 Resp: 94558

Ion	Ratio	Lower	Upper
96	100		
61	181.2	95.3	197.9
98	63.8	41.0	85.2
63	55.2	30.2	62.6

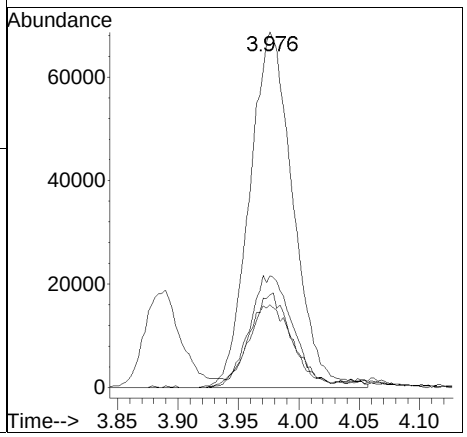


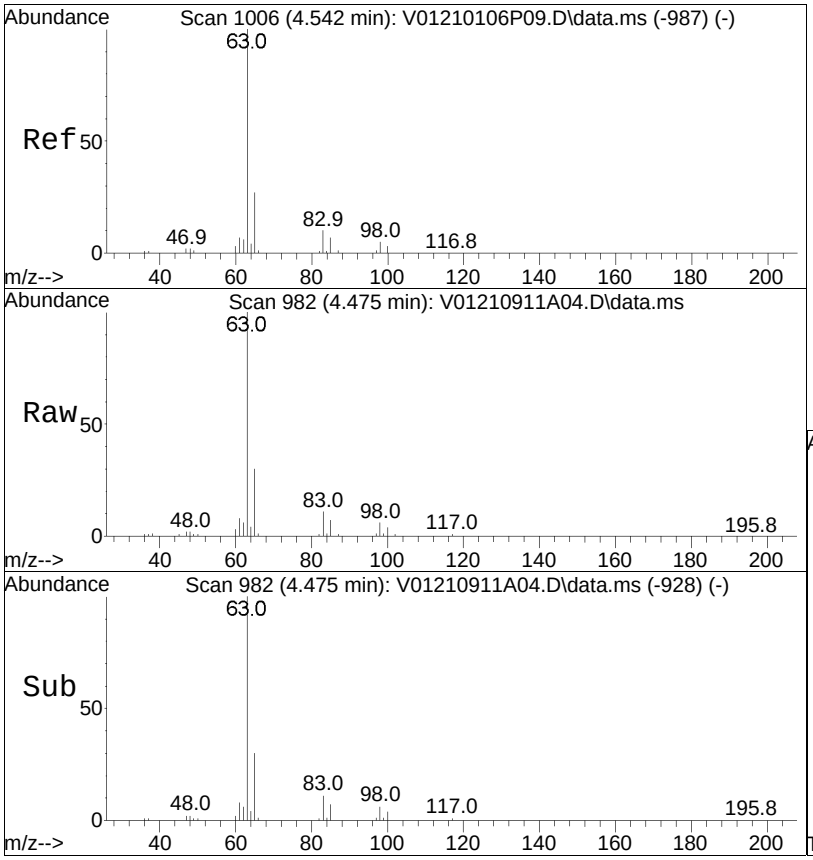


#20
Methyl tert-butyl ether
Concen: 7.25 ug/L
RT: 3.976 min Scan# 803
Delta R.T. -0.003 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion: 73 Resp: 171983

Ion	Ratio	Lower	Upper
73	100		
57	31.5	14.8	30.6#
43	21.6	15.5	32.3
41	25.8	14.1	29.3

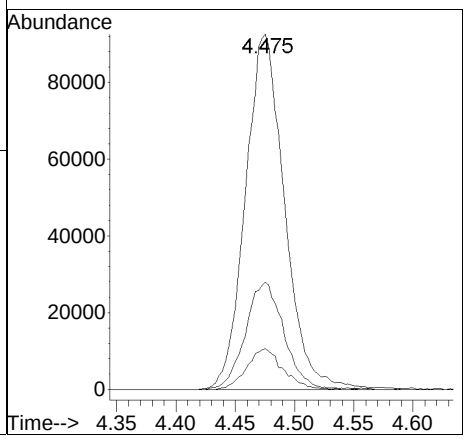


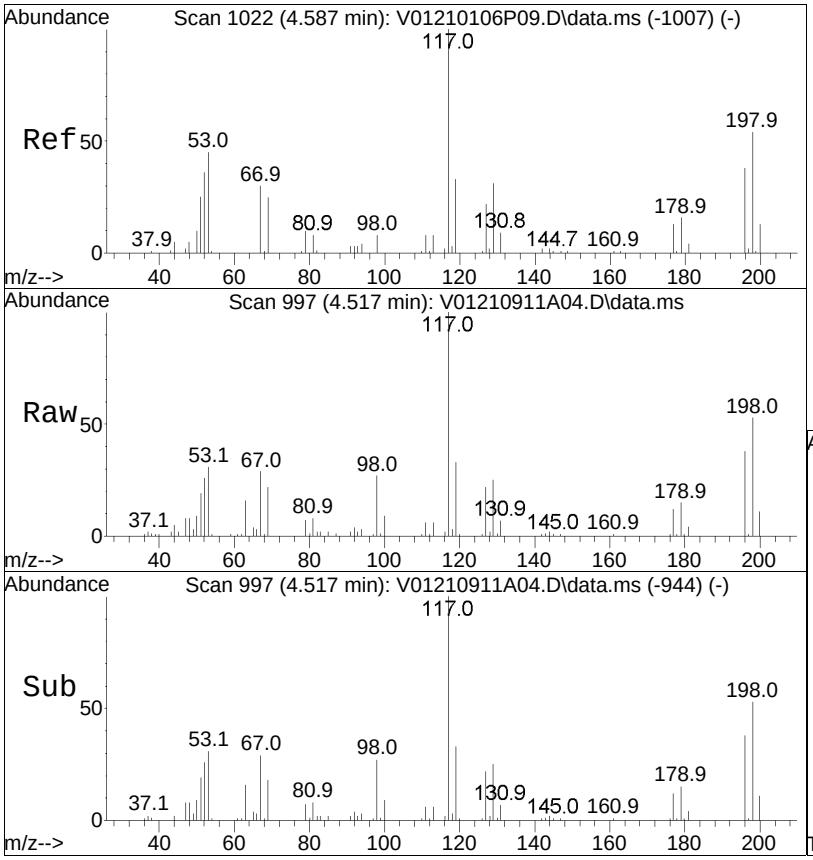


#23
1,1-Dichloroethane
Concen: 9.55 ug/L
RT: 4.475 min Scan# 982
Delta R.T. 0.000 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion: 63 Resp: 212530

Ion	Ratio	Lower	Upper
63	100		
65	29.6	10.9	50.9
83	10.5	0.0	33.0

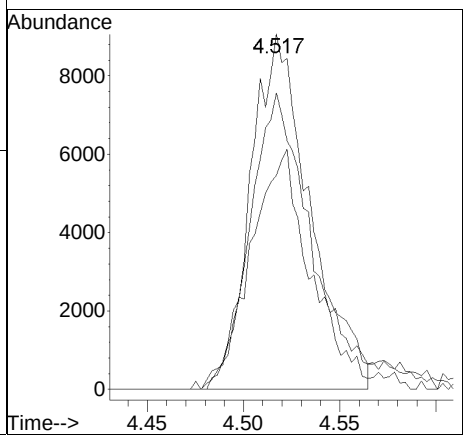


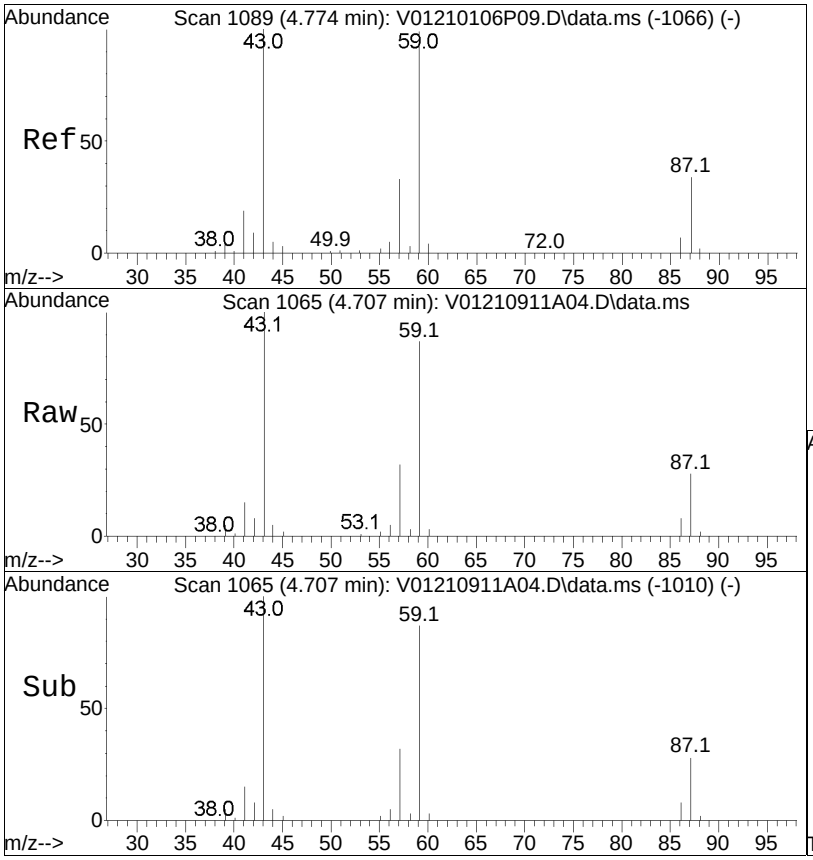


#25
Acrylonitrile
Concen: 6.42 ug/L
RT: 4.517 min Scan# 997
Delta R.T. -0.003 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion: 53 Resp: 19563

Ion	Ratio	Lower	Upper
53	100		
52	85.4	69.1	103.7
51	67.9	58.3	87.5

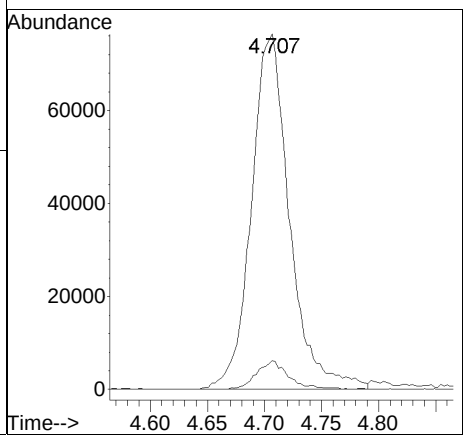


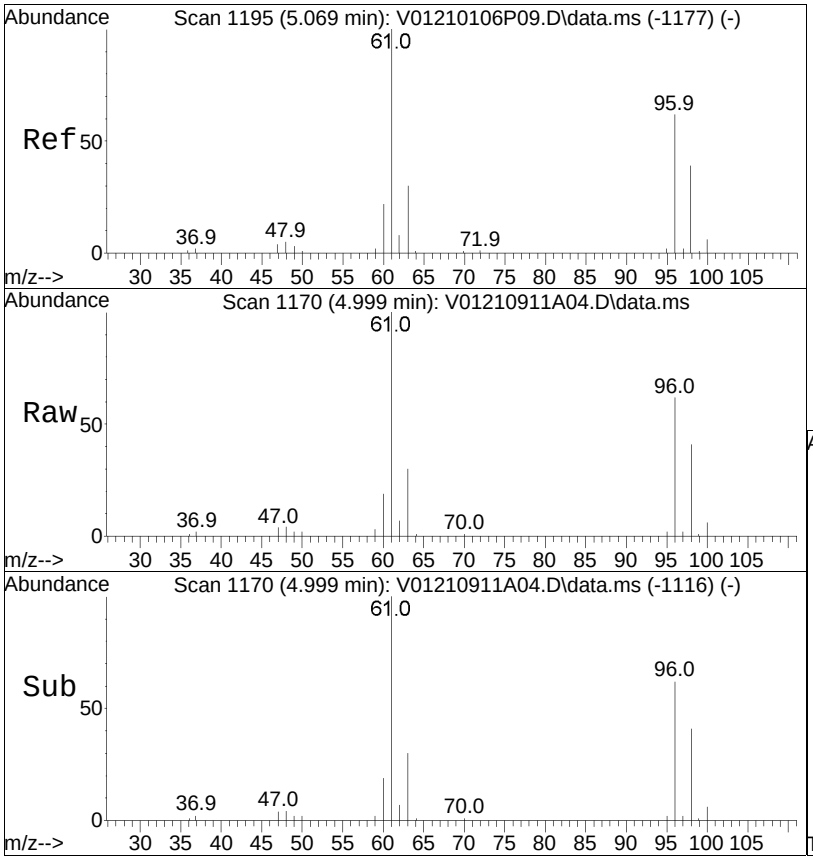


#27
Vinyl acetate
Concen: 7.91 ug/L
RT: 4.707 min Scan# 1065
Delta R.T. 0.003 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion: 43 Resp: 177589

Ion	Ratio	Lower	Upper
43	100		
86	6.7	6.6	9.8

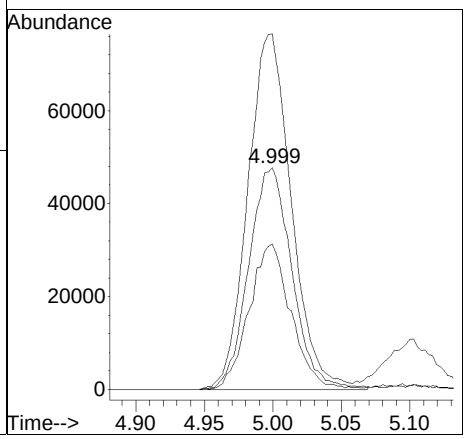


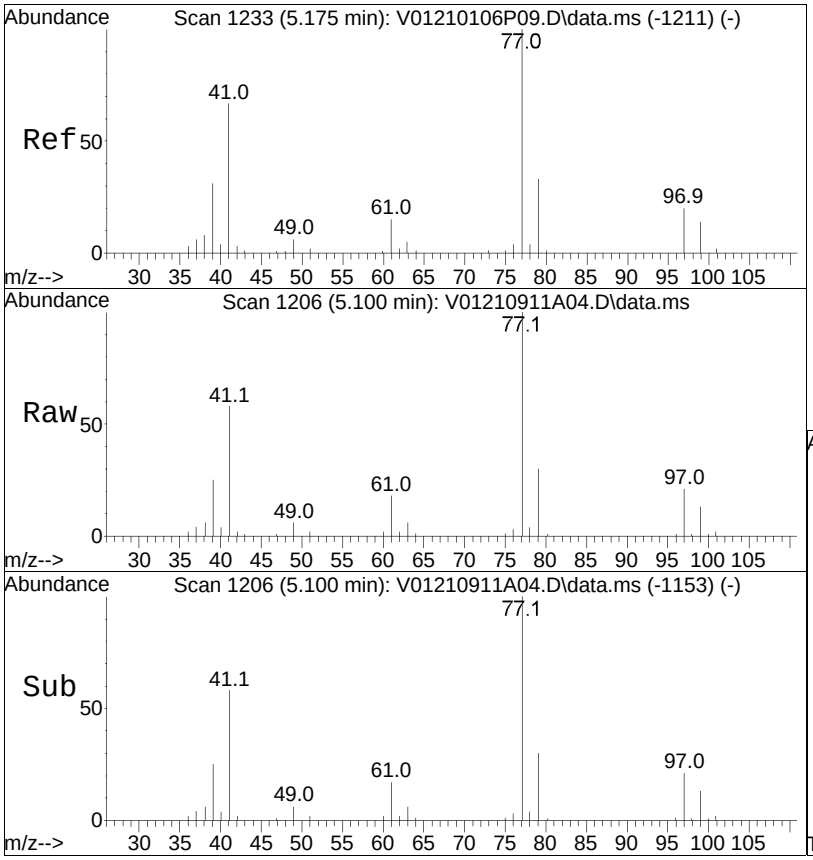


#28
cis-1,2-Dichloroethene
Concen: 9.66 ug/L
RT: 4.999 min Scan# 1170
Delta R.T. 0.000 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion: 96 Resp: 105128

Ion	Ratio	Lower	Upper
96	100		
61	160.7	105.8	158.6#
98	63.6	51.1	76.7

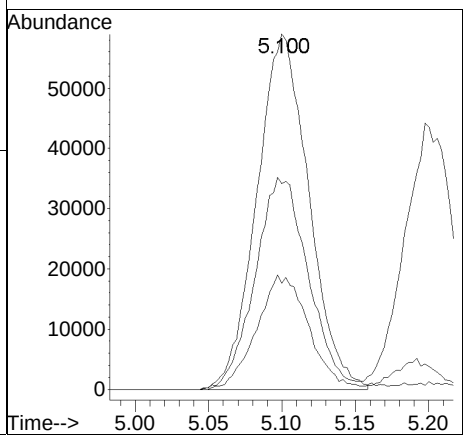


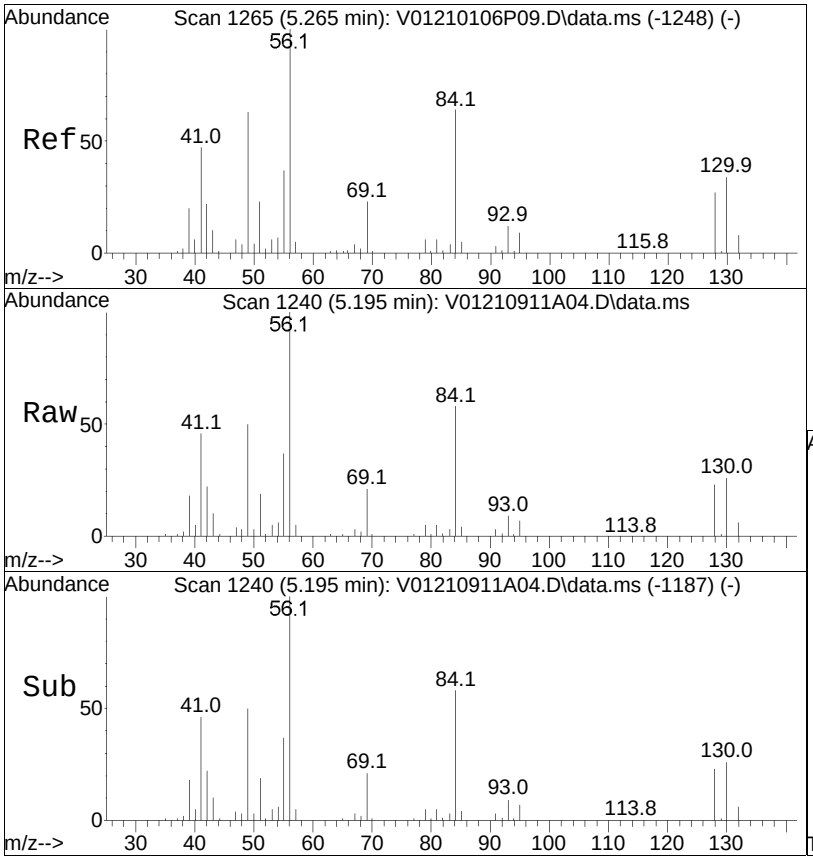


#29
2,2-Dichloropropane
Concen: 10.49 ug/L
RT: 5.100 min Scan# 1206
Delta R.T. -0.003 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion: 77 Resp: 145056

Ion	Ratio	Lower	Upper
77	100		
41	61.0	39.6	82.3
79	32.1	20.9	43.3

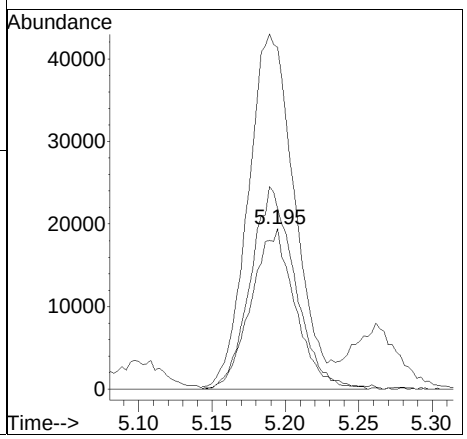


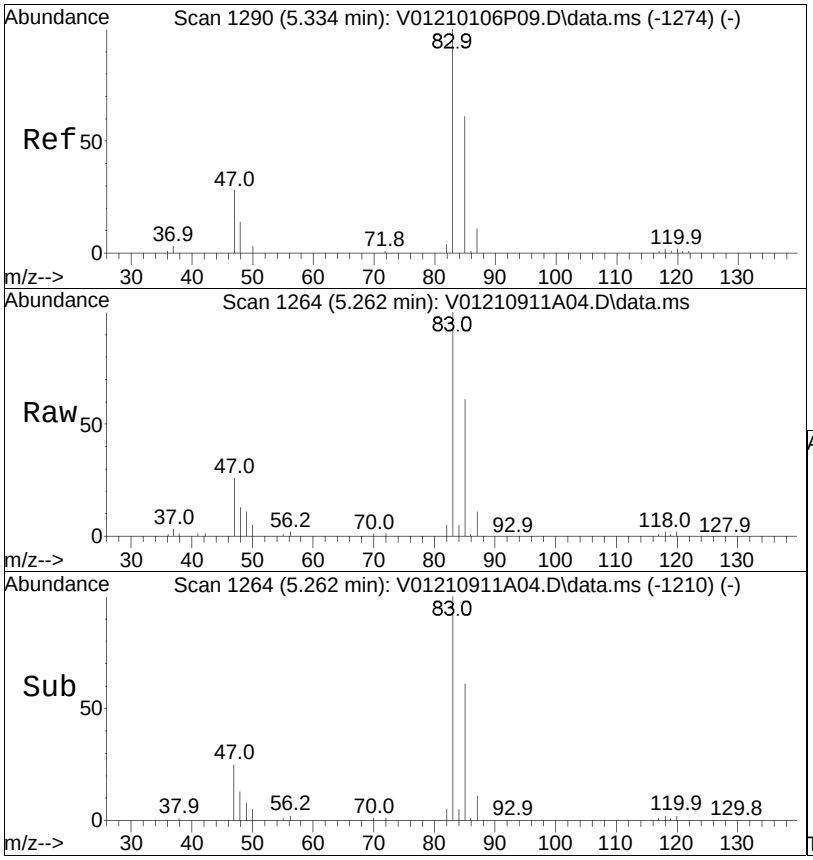


#30
Bromochloromethane
Concen: 9.63 ug/L
RT: 5.195 min Scan# 1240
Delta R.T. -0.002 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion:128 Resp: 40977

Ion	Ratio	Lower	Upper
128	100		
49	230.9	140.4	210.6#
130	125.9	103.1	154.7

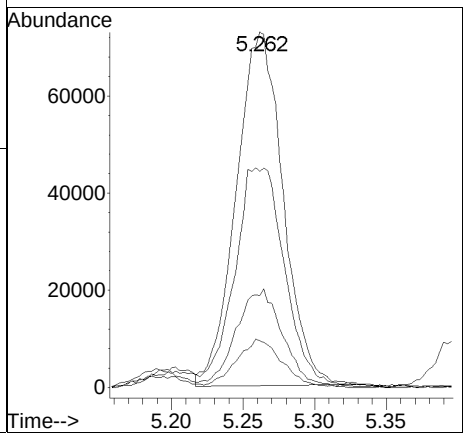


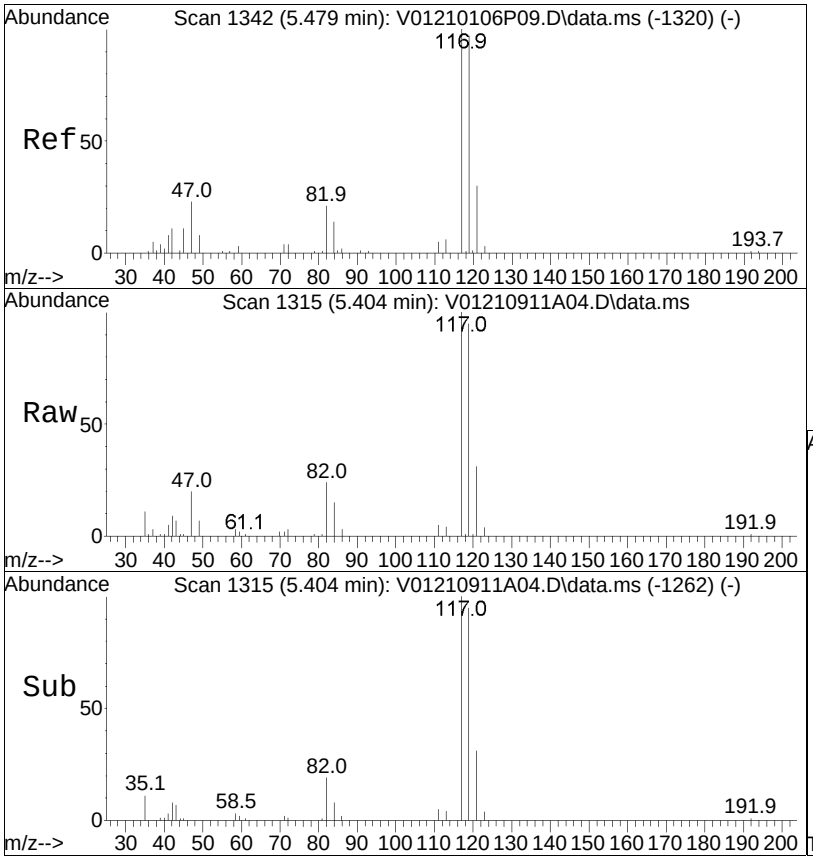


#32
Chloroform
Concen: 9.54 ug/L
RT: 5.262 min Scan# 1264
Delta R.T. -0.000 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion: 83 Resp: 165690

Ion	Ratio	Lower	Upper
83	100		
85	64.4	42.3	87.8
47	27.3	17.8	37.0
48	13.4	9.3	19.3

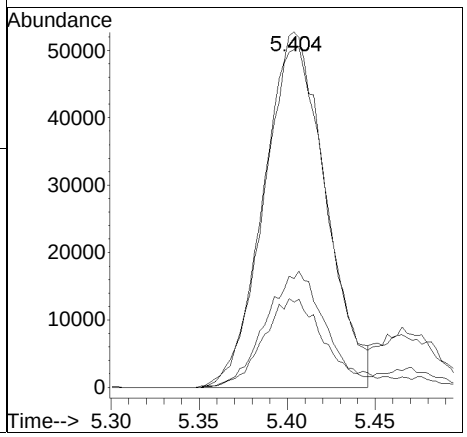


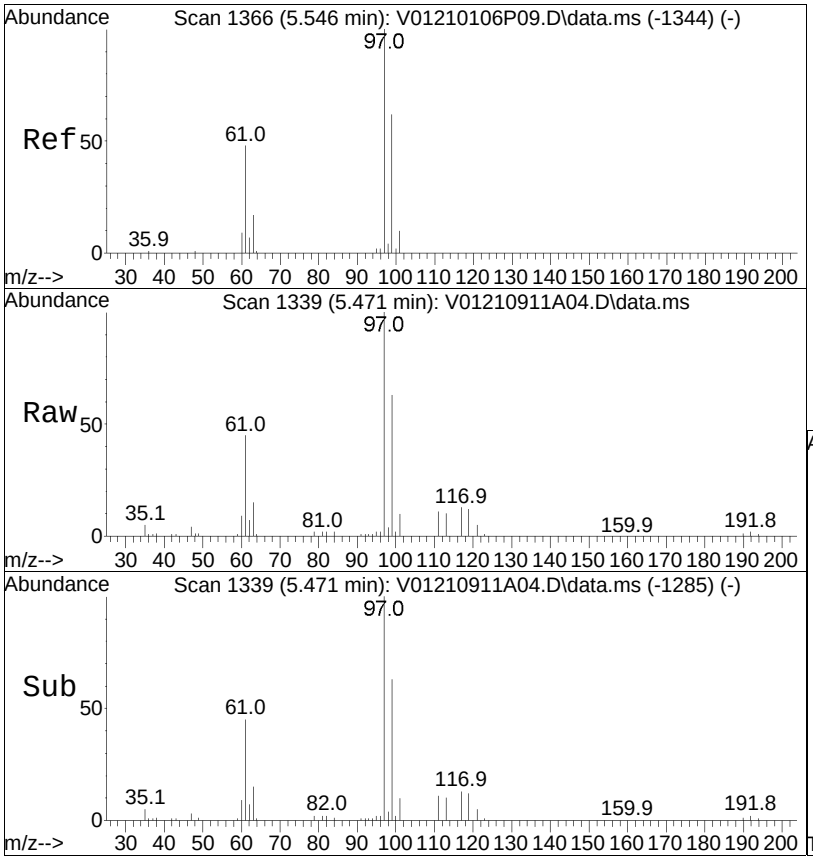


#34
Carbon tetrachloride
Concen: 9.72 ug/L
RT: 5.404 min Scan# 1315
Delta R.T. -0.003 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion:117 Resp: 129507

Ion	Ratio	Lower	Upper
117	100		
119	96.6	62.1	128.9
121	31.7	19.8	41.0
82	24.9	17.1	35.5

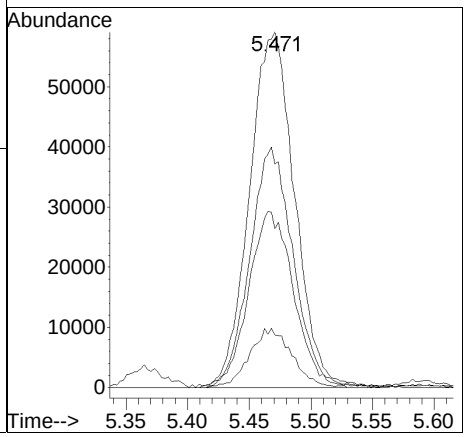


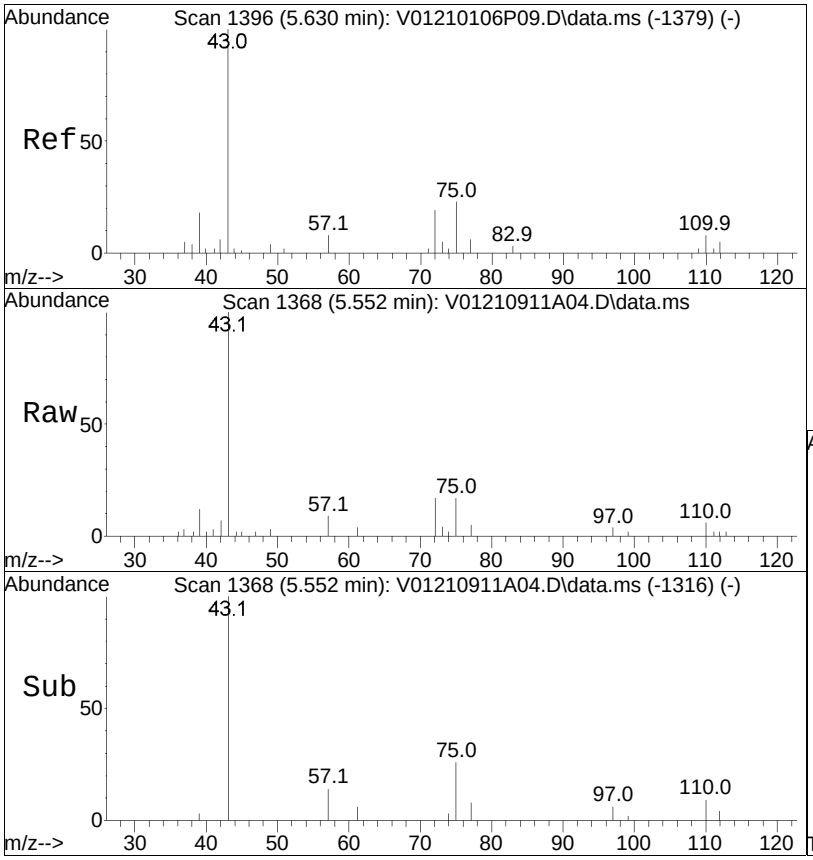


#37
1,1,1-Trichloroethane
Concen: 10.24 ug/L
RT: 5.471 min Scan# 1339
Delta R.T. -0.000 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion: 97 Resp: 150800

Ion	Ratio	Lower	Upper
97	100		
99	64.9	41.7	86.7
61	49.5	29.4	61.2
63	15.4	9.4	19.4

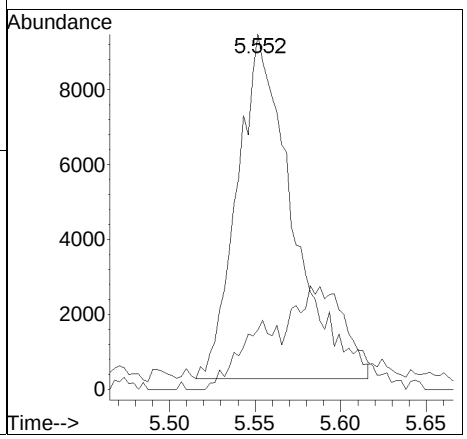


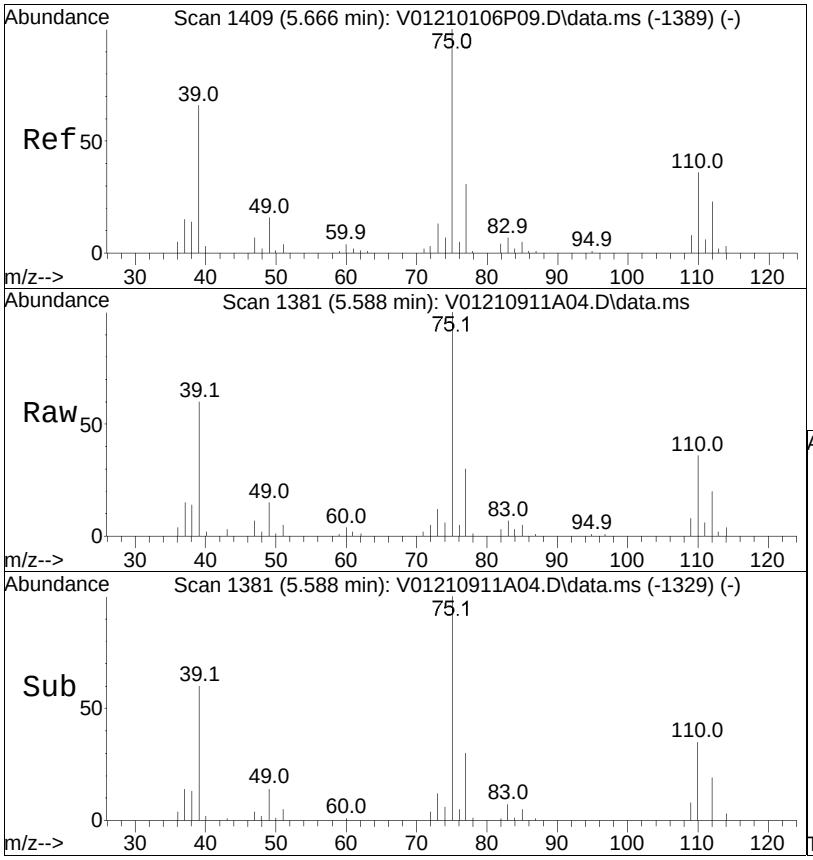


#39
2-Butanone
Concen: 6.82 ug/L
RT: 5.552 min Scan# 1368
Delta R.T. -0.005 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion: 43 Resp: 20547

Ion	Ratio	Lower	Upper
43	100		
72	11.5	45.8	68.6#

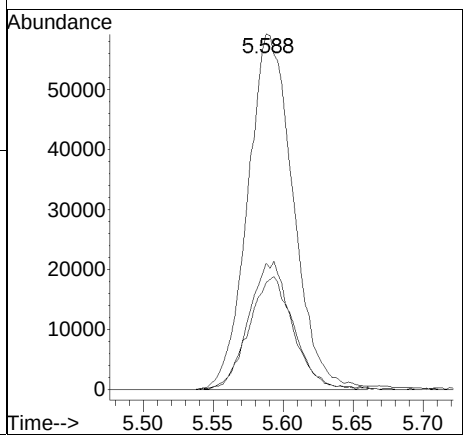


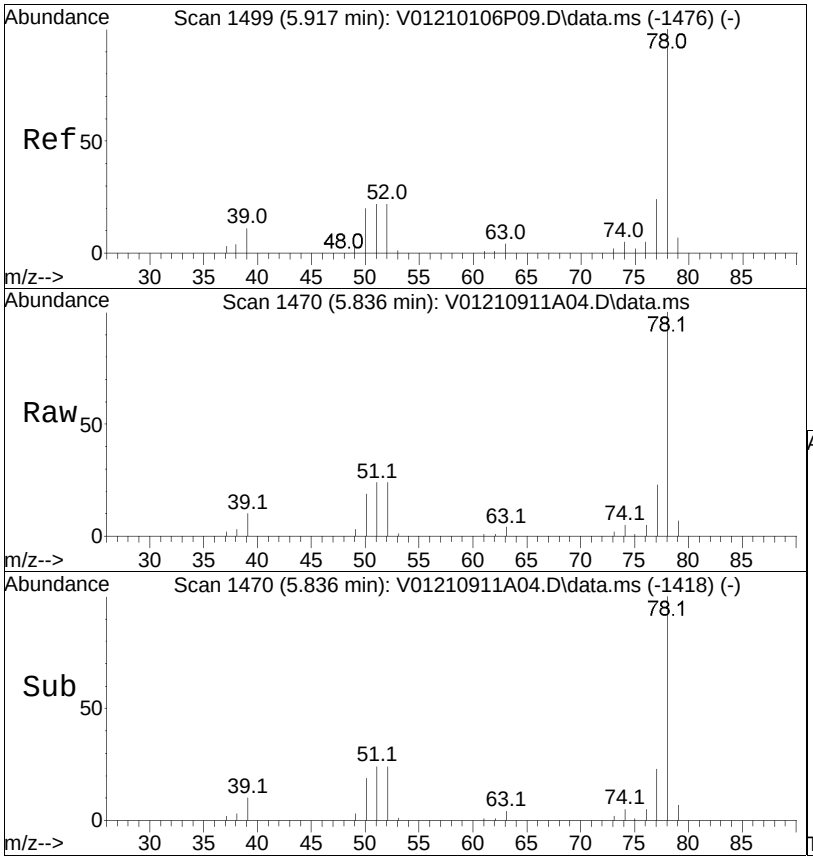


#40
1,1-Dichloropropene
Concen: 9.69 ug/L
RT: 5.588 min Scan# 1381
Delta R.T. -0.005 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion: 75 Resp: 133333

Ion	Ratio	Lower	Upper
75	100		
110	34.7	22.2	46.2
77	31.2	20.2	42.0

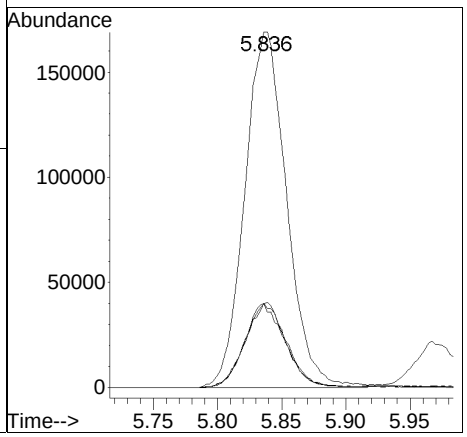


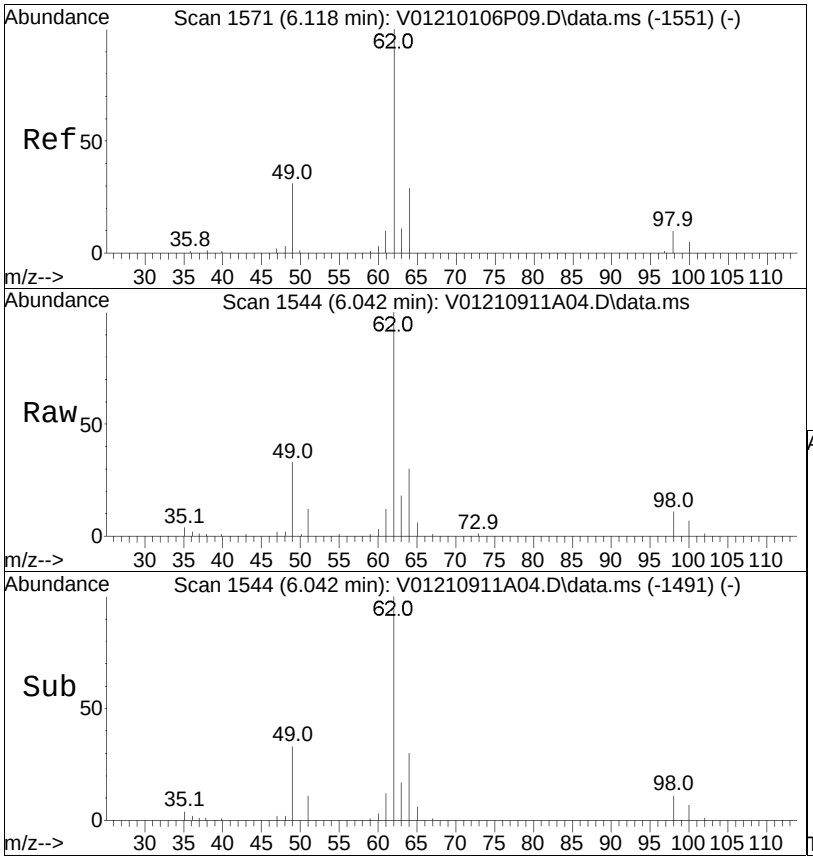


#41
Benzene
Concen: 9.40 ug/L
RT: 5.836 min Scan# 1470
Delta R.T. -0.006 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion: 78 Resp: 383481

Ion	Ratio	Lower	Upper
78	100		
77	23.5	15.7	32.5
51	22.5	11.6	24.2
52	23.3	10.9	22.5#

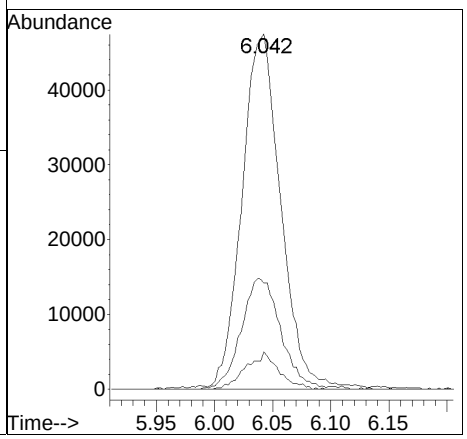


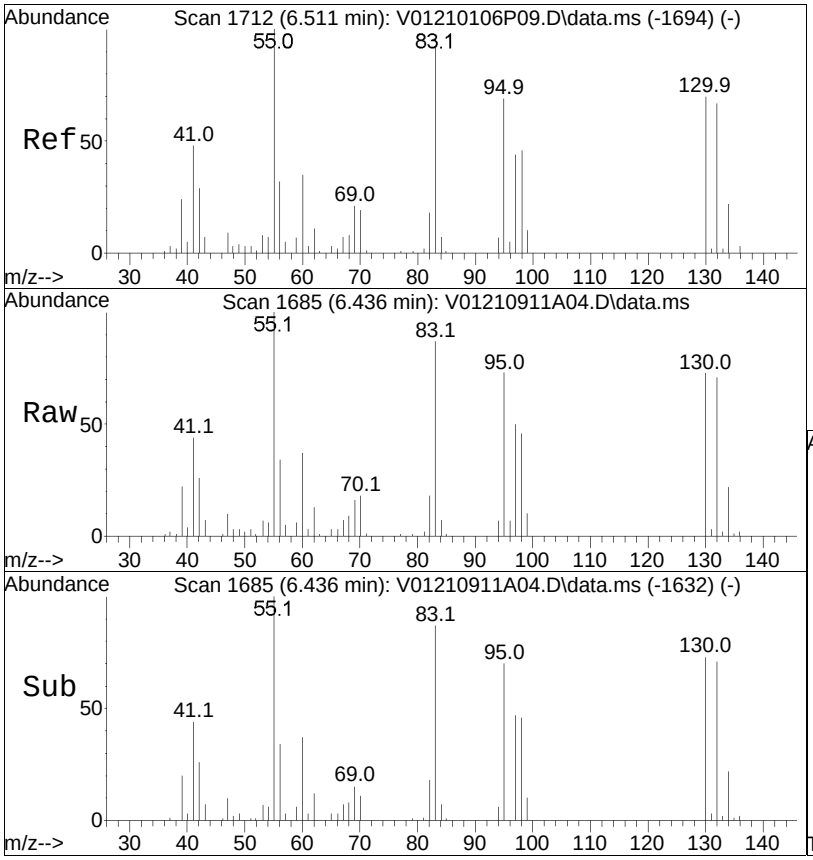


#44
1,2-Dichloroethane
Concen: 8.68 ug/L
RT: 6.042 min Scan# 1544
Delta R.T. -0.003 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion: 62 Resp: 110524

Ion	Ratio	Lower	Upper
62	100		
64	30.5	12.1	52.1
98	9.0	0.0	28.8

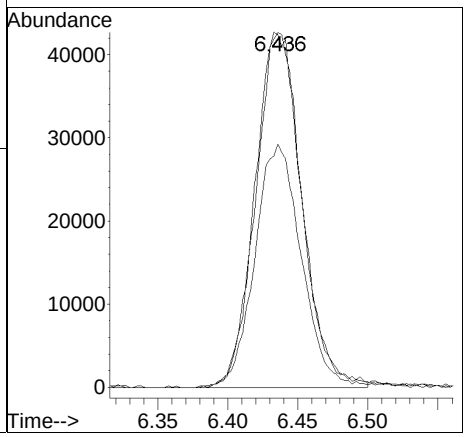


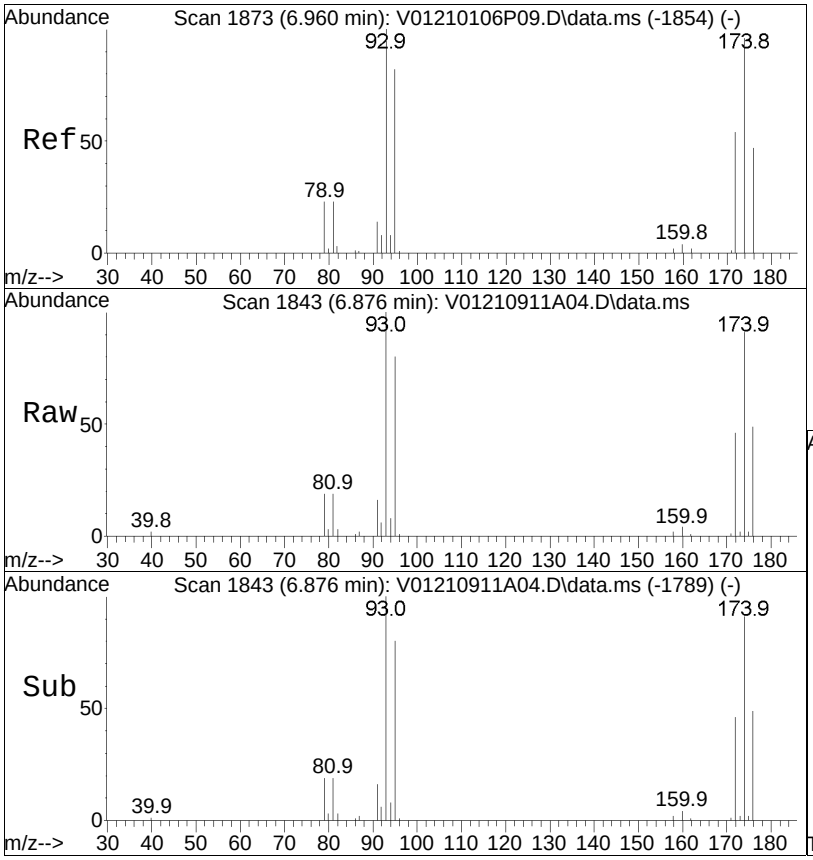


#48
Trichloroethene
Concen: 9.45 ug/L
RT: 6.436 min Scan# 1685
Delta R.T. -0.002 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion: 95 Resp: 99296

Ion	Ratio	Lower	Upper
95	100		
97	68.0	54.4	81.6
130	98.7	80.6	120.8

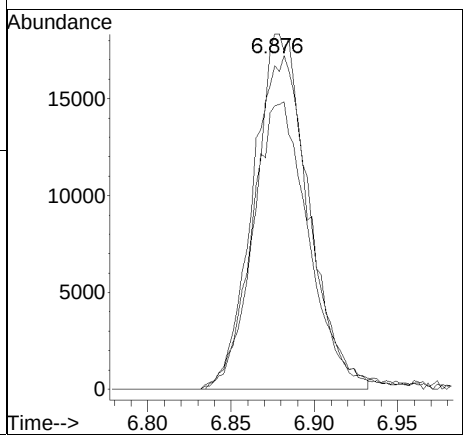


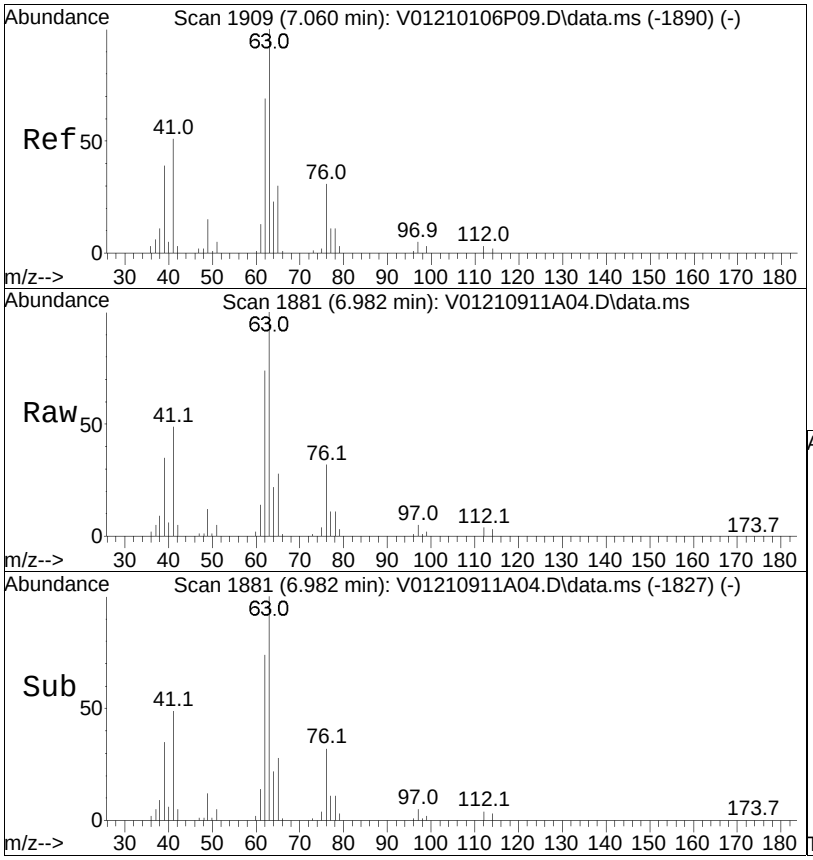


#50
Dibromomethane
Concen: 8.45 ug/L
RT: 6.876 min Scan# 1843
Delta R.T. 0.000 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion: 93 Resp: 42212

Ion	Ratio	Lower	Upper
93	100		
95	82.2	68.6	102.8
174	95.3	80.5	120.7

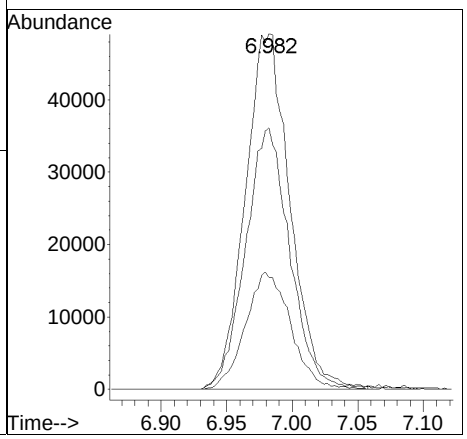


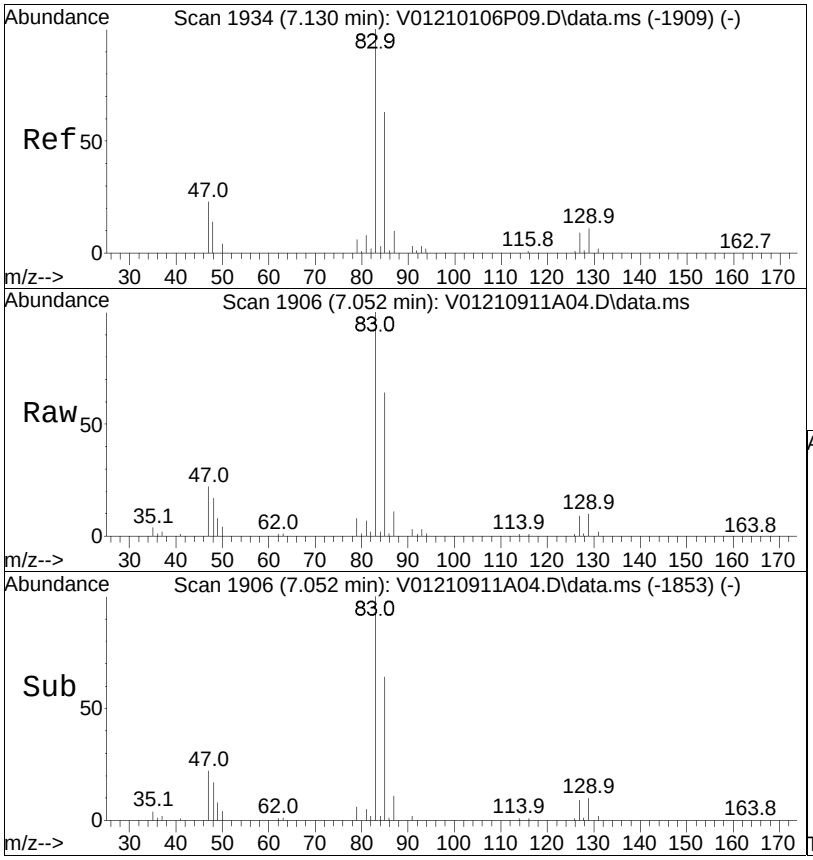


#51
1,2-Dichloropropane
Concen: 9.01 ug/L
RT: 6.982 min Scan# 1881
Delta R.T. 0.000 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion: 63 Resp: 117070

Ion	Ratio	Lower	Upper
63	100		
62	72.5	57.2	85.8
76	33.3	33.6	50.4#

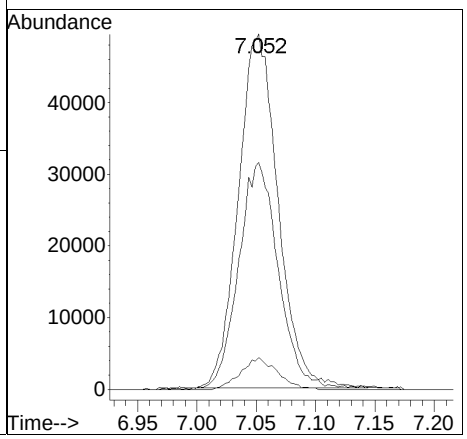


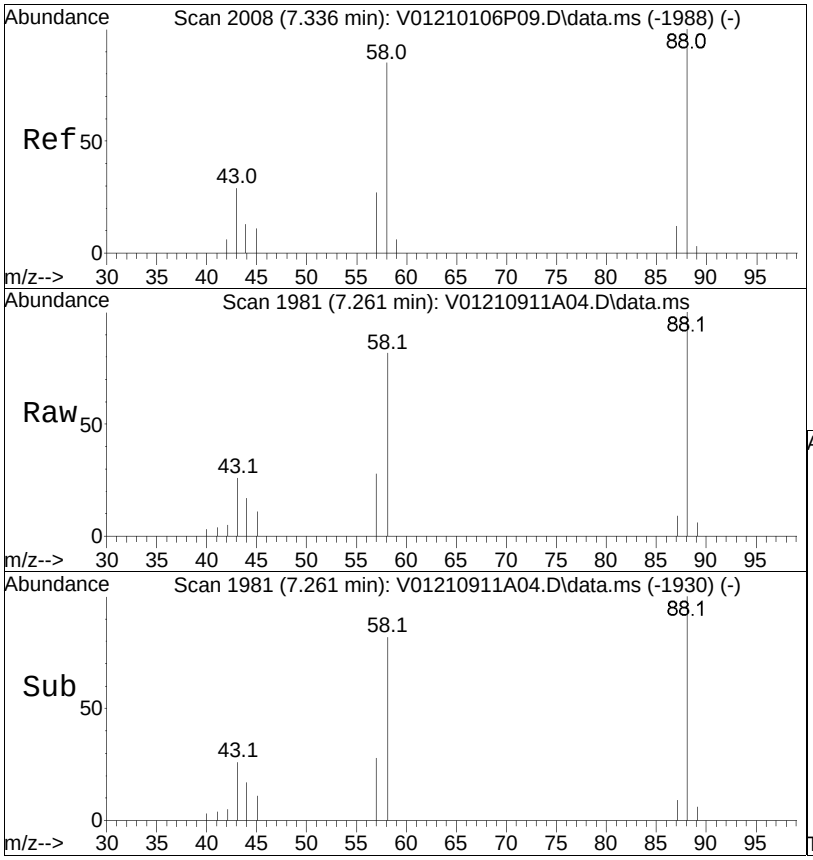


#54
Bromodichloromethane
Concen: 8.86 ug/L
RT: 7.052 min Scan# 1906
Delta R.T. -0.003 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion: 83 Resp: 115487

Ion	Ratio	Lower	Upper
83	100		
85	64.2	52.2	78.4
127	8.2	6.9	10.3

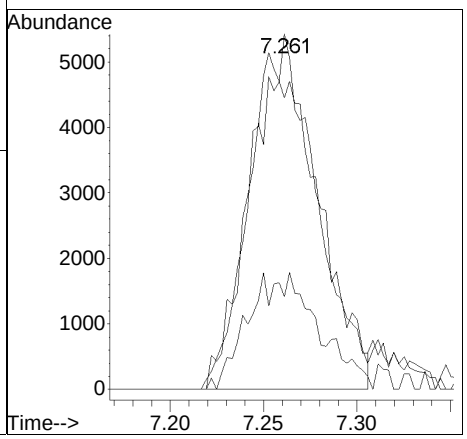


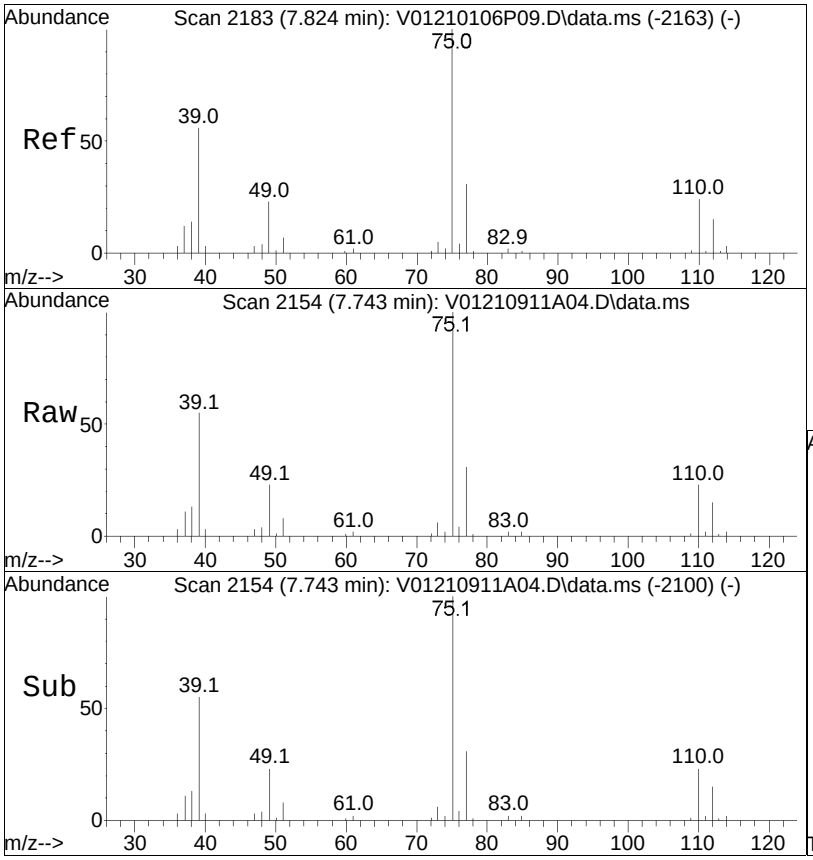


#57
1,4-Dioxane
Concen: 342.34 ug/L
RT: 7.261 min Scan# 1981
Delta R.T. -0.008 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion: 88 Resp: 13405

Ion	Ratio	Lower	Upper
88	100		
58	99.7	54.8	82.2#
43	12.2	29.3	43.9#

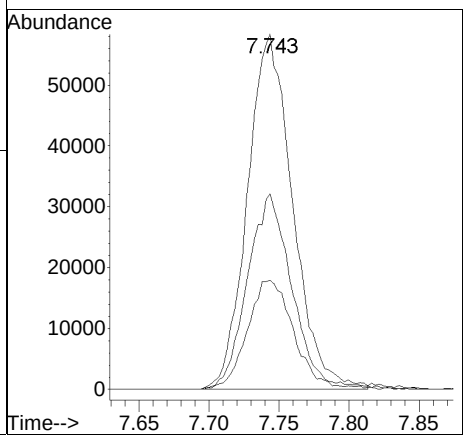


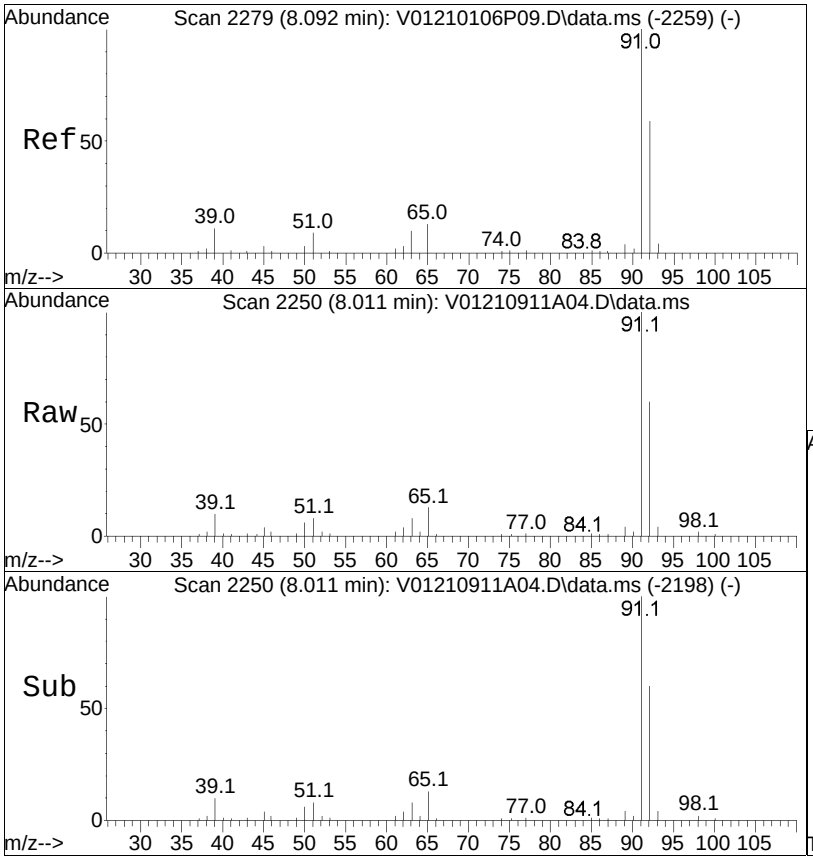


#58
cis-1,3-Dichloropropene
Concen: 8.50 ug/L
RT: 7.743 min Scan# 2154
Delta R.T. 0.000 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion: 75 Resp: 131052

Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.1	37.7
39	54.2	42.6	63.8

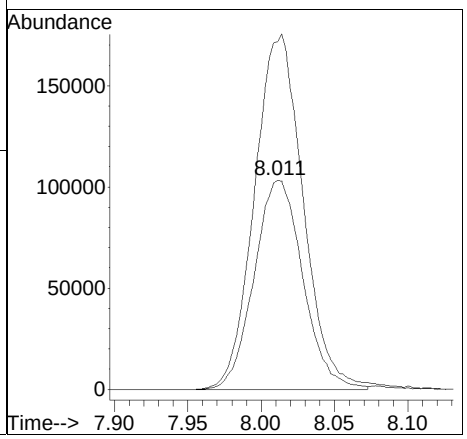


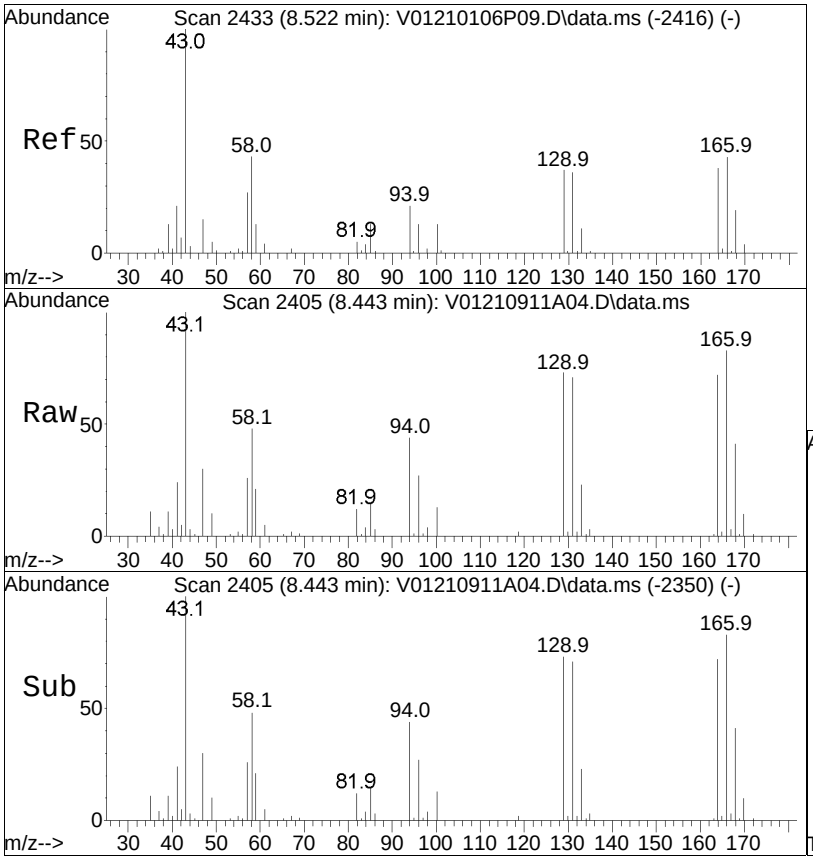


#61
Toluene
Concen: 9.60 ug/L
RT: 8.011 min Scan# 2250
Delta R.T. -0.006 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion: 92 Resp: 238696

Ion	Ratio	Lower	Upper
92	100		
91	170.9	137.5	206.3

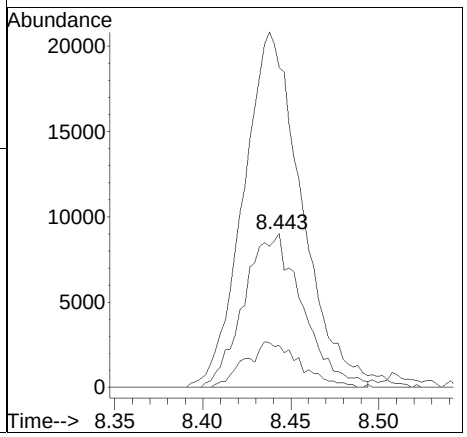


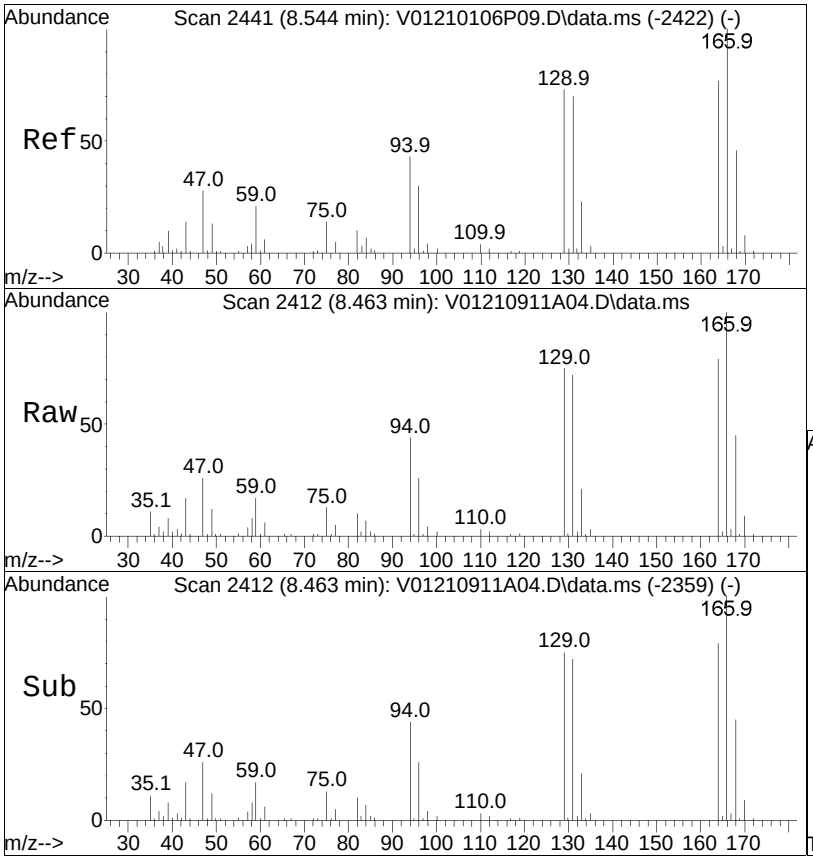


#62
4-Methyl-2-pentanone
Concen: 7.51 ug/L
RT: 8.443 min Scan# 2405
Delta R.T. 0.002 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion: 58 Resp: 20903

Ion	Ratio	Lower	Upper
58	100		
100	27.7	31.8	47.6#
43	231.0	212.5	318.7

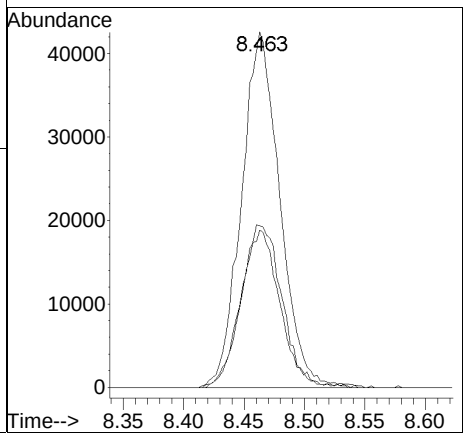


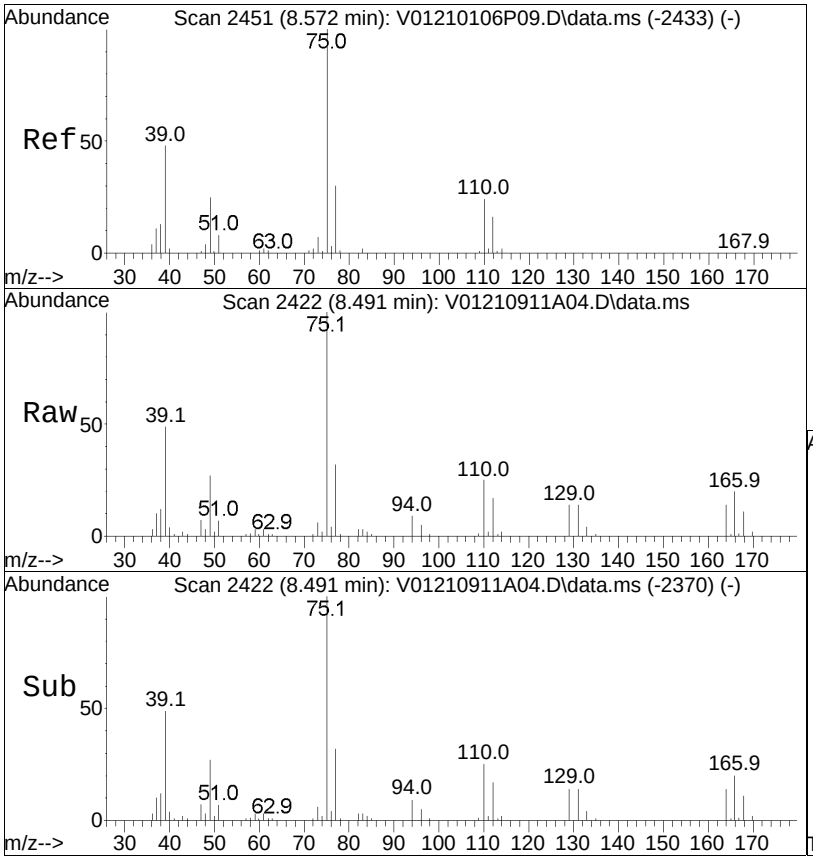


#63
Tetrachloroethene
Concen: 10.22 ug/L
RT: 8.463 min Scan# 2412
Delta R.T. -0.003 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion:166 Resp: 94157

Ion	Ratio	Lower	Upper
166	100		
168	48.0	27.4	67.4
94	45.3	24.8	64.8

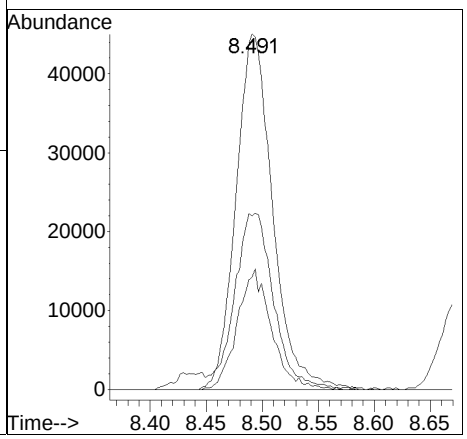


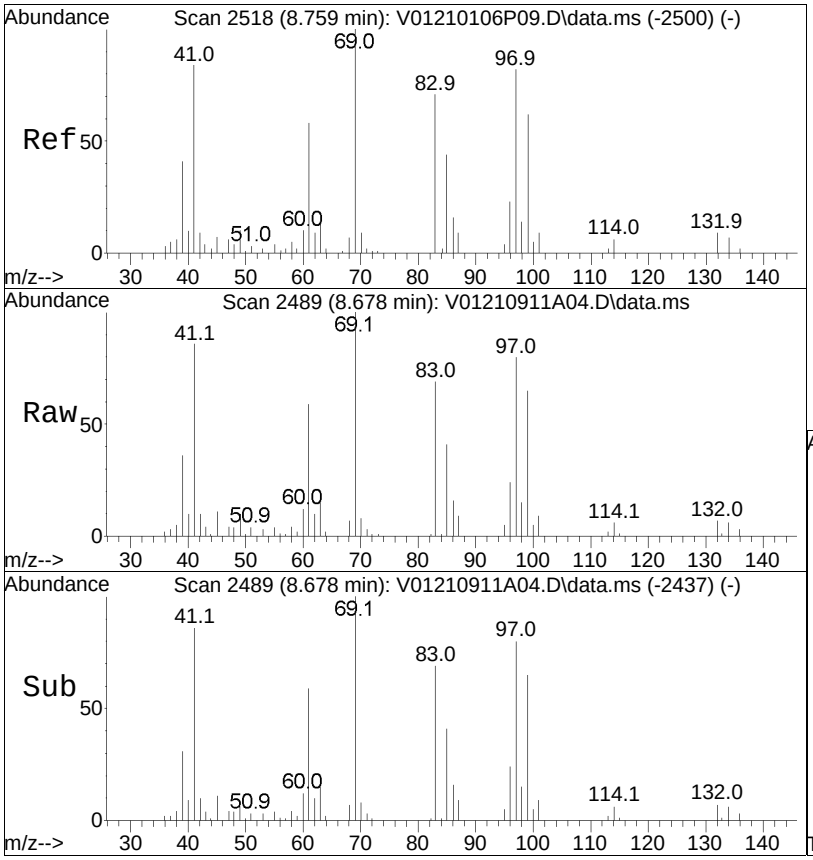


#65
trans-1,3-Dichloropropene
Concen: 8.83 ug/L
RT: 8.491 min Scan# 2422
Delta R.T. -0.005 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion: 75 Resp: 102752

Ion	Ratio	Lower	Upper
75	100		
77	31.4	11.8	51.8
39	52.3	30.2	70.2

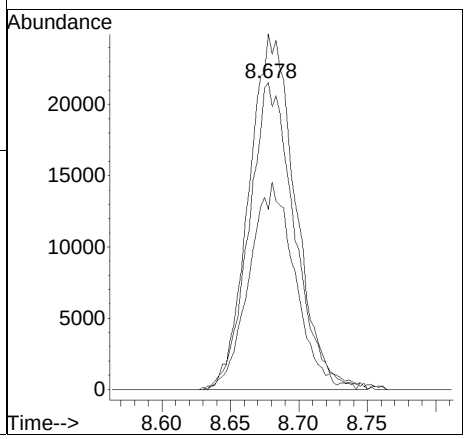


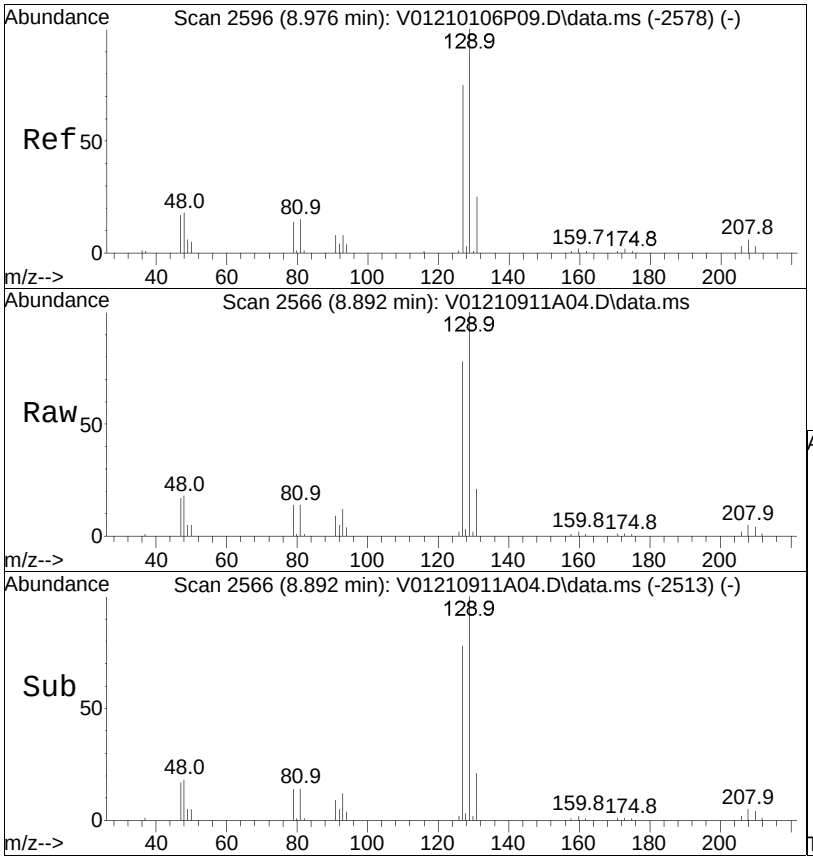


#68
1,1,2-Trichloroethane
Concen: 8.70 ug/L
RT: 8.678 min Scan# 2489
Delta R.T. -0.005 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion: 83 Resp: 49785

Ion	Ratio	Lower	Upper
83	100		
97	118.9	96.7	136.7
85	67.2	45.3	85.3

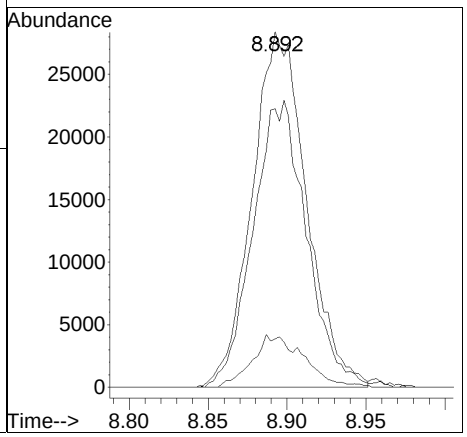


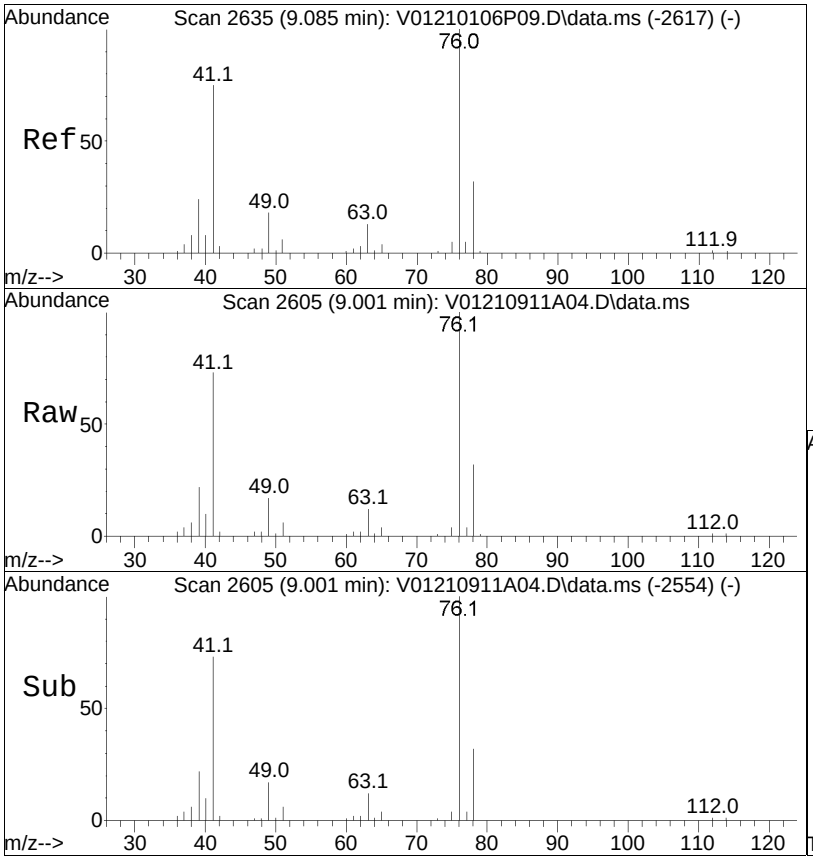


#69
Chlorodibromomethane
Concen: 8.86 ug/L
RT: 8.892 min Scan# 2566
Delta R.T. -0.003 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion:129 Resp: 68045

Ion	Ratio	Lower	Upper
129	100		
81	14.0	0.0	37.9
127	79.3	56.6	96.6

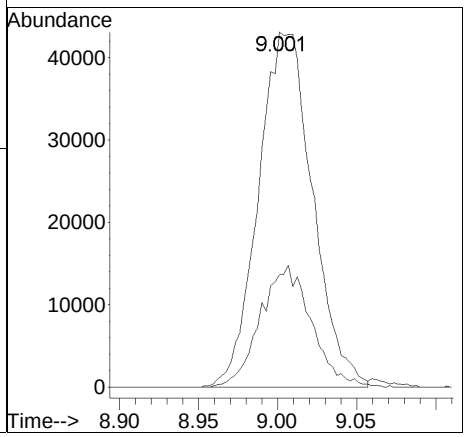


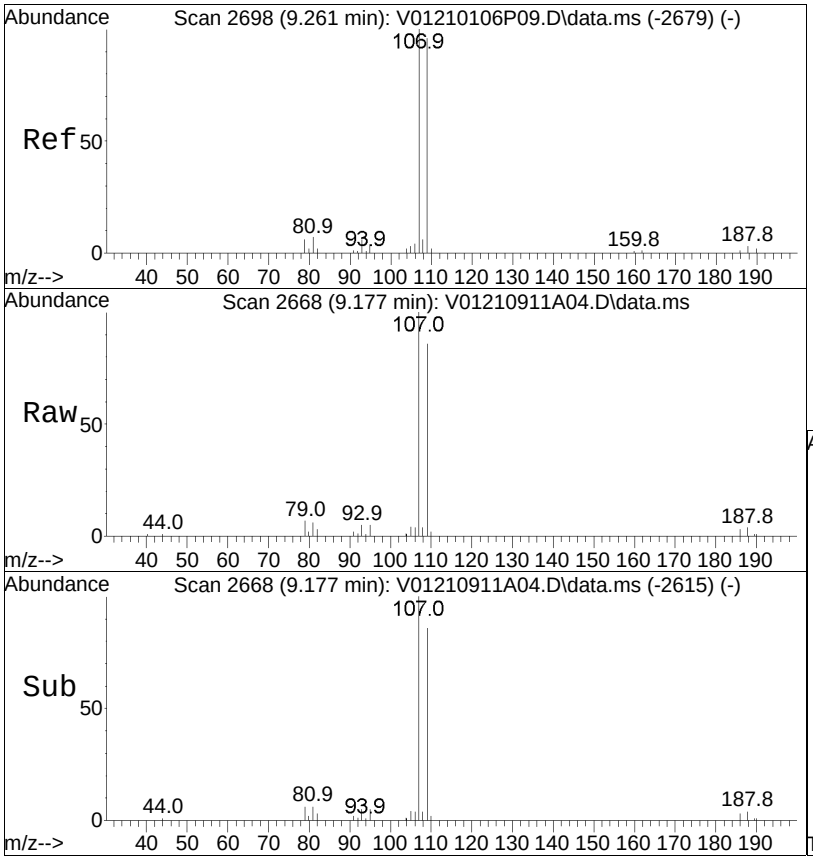


#70
1,3-Dichloropropane
Concen: 8.71 ug/L
RT: 9.001 min Scan# 2605
Delta R.T. -0.008 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion: 76 Resp: 103127

Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.8	38.8

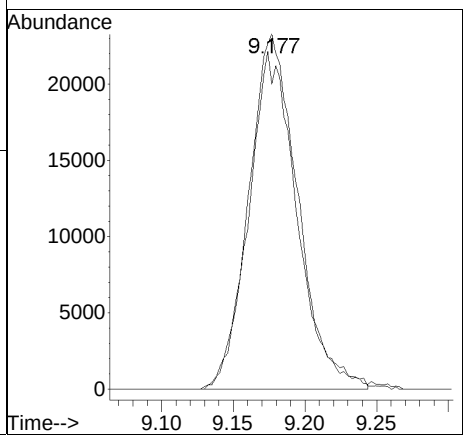


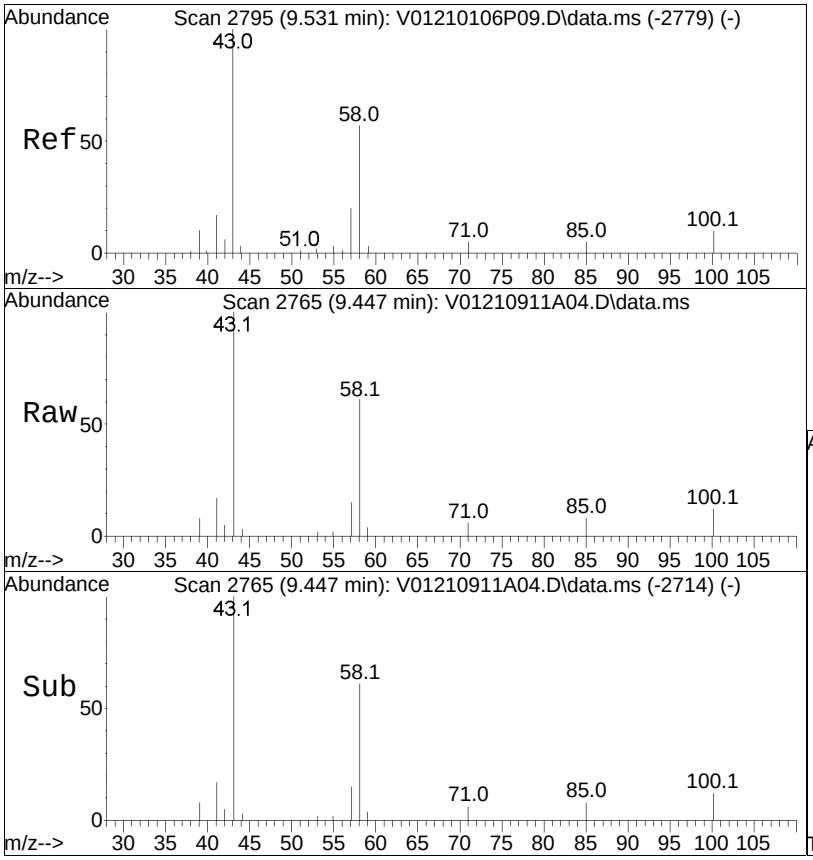


#71
1,2-Dibromoethane
Concen: 8.83 ug/L
RT: 9.177 min Scan# 2668
Delta R.T. -0.003 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion:107 Resp: 55547

Ion	Ratio	Lower	Upper
107	100		
109	93.3	75.6	113.4

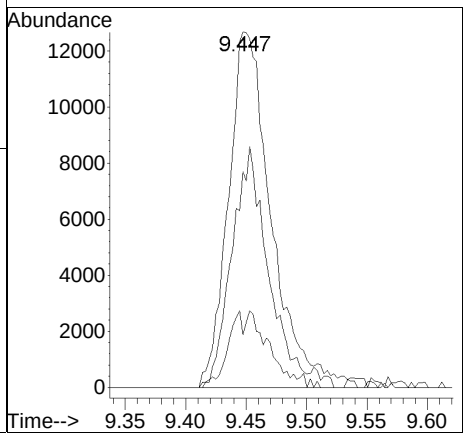


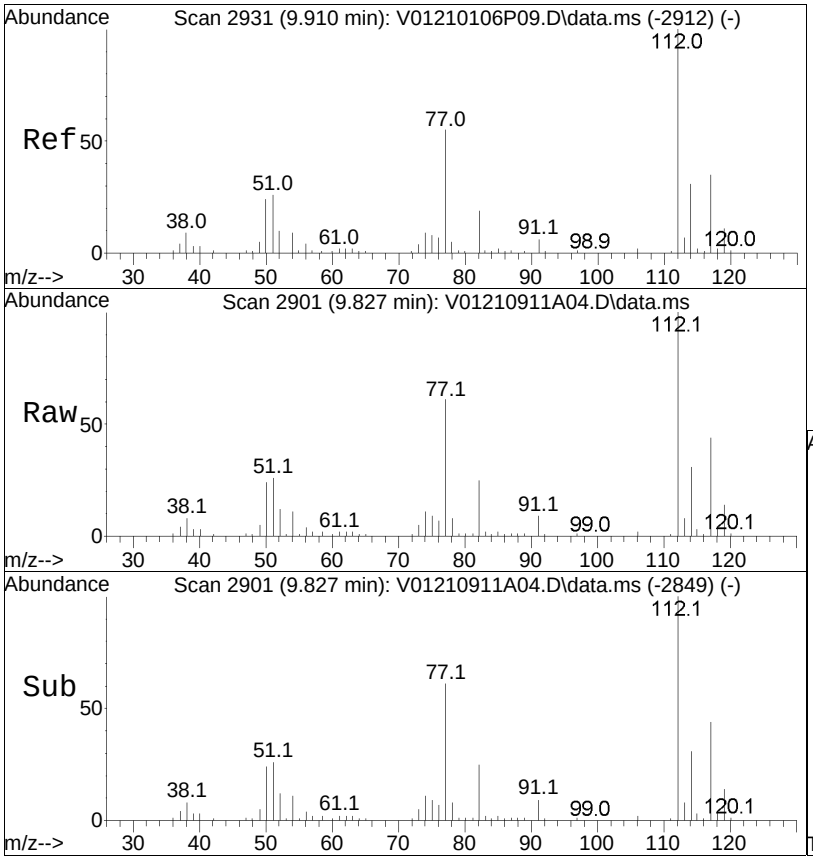


#72
2-Hexanone
Concen: 7.64 ug/L
RT: 9.447 min Scan# 2765
Delta R.T. -0.009 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion: 43 Resp: 31483

Ion	Ratio	Lower	Upper
43	100		
58	56.6	40.8	61.2
57	7.7	14.2	21.4#

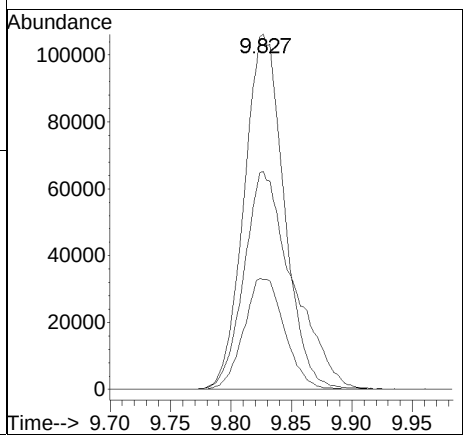


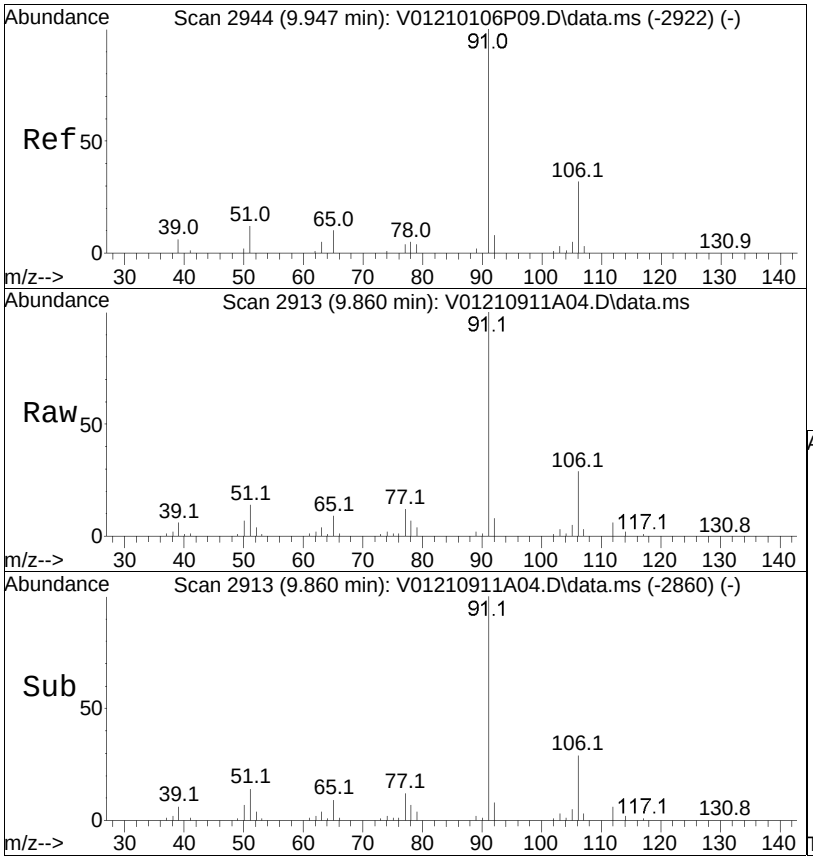


#73
Chlorobenzene
Concen: 9.82 ug/L
RT: 9.827 min Scan# 2901
Delta R.T. -0.005 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion:112 Resp: 244418

Ion	Ratio	Lower	Upper
112	100		
77	75.2	59.8	89.6
114	31.8	25.4	38.2

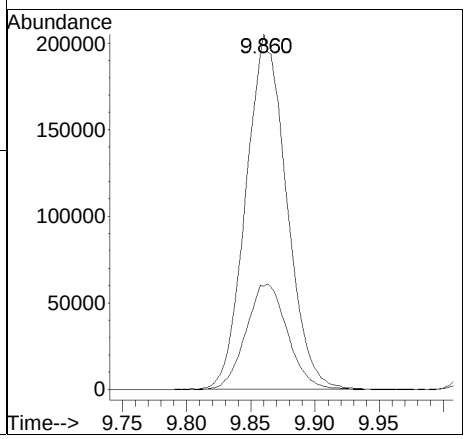


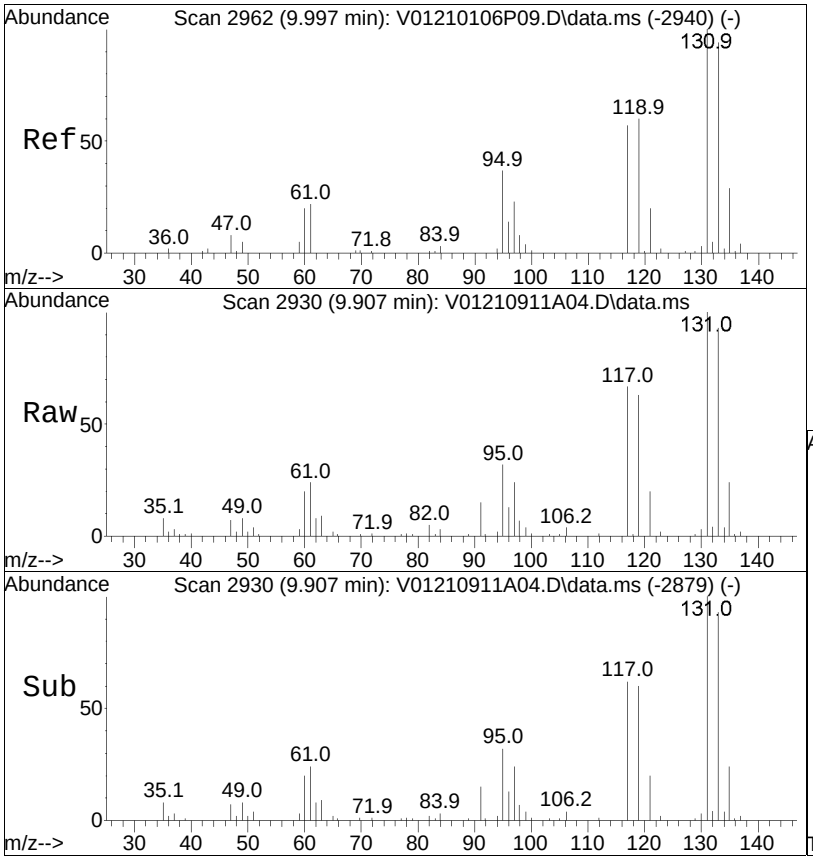


#74
Ethylbenzene
Concen: 9.86 ug/L
RT: 9.860 min Scan# 2913
Delta R.T. -0.003 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion: 91 Resp: 449545

Ion	Ratio	Lower	Upper
91	100		
106	30.5	24.7	37.1

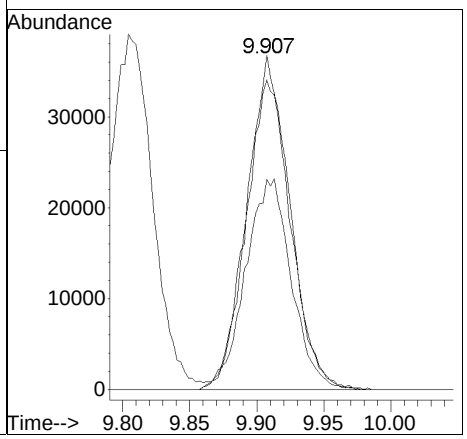


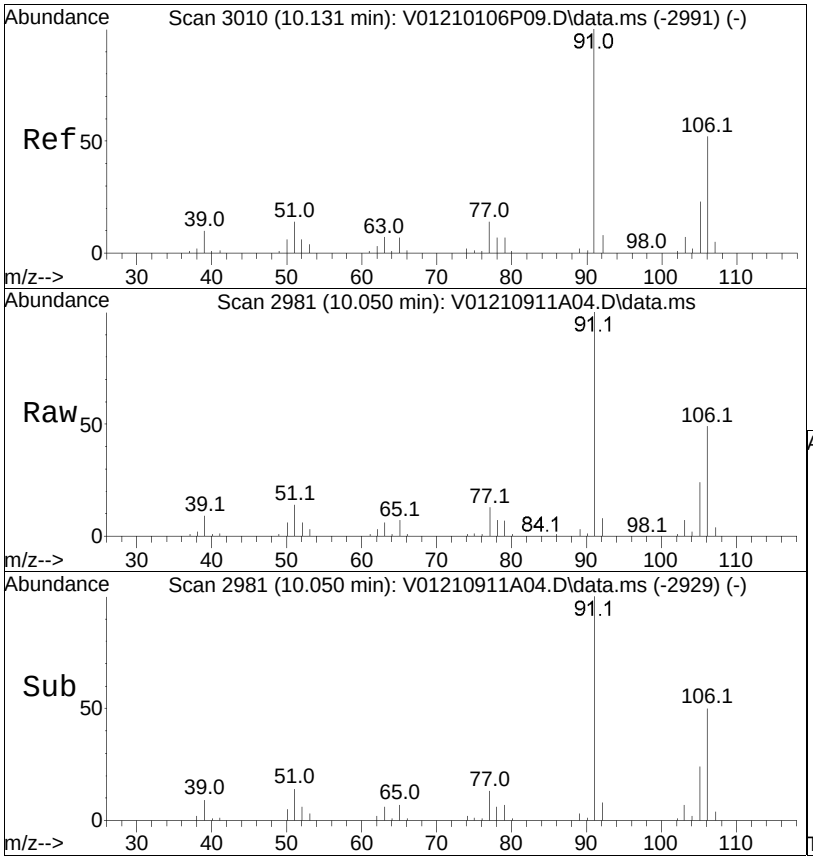


#75
1,1,1,2-Tetrachloroethane
Concen: 9.97 ug/L
RT: 9.907 min Scan# 2930
Delta R.T. -0.009 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion:131 Resp: 82490

Ion	Ratio	Lower	Upper
131	100		
133	95.3	75.8	115.8
119	66.2	45.8	85.8

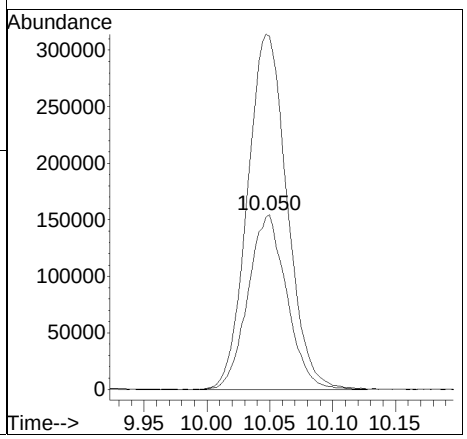


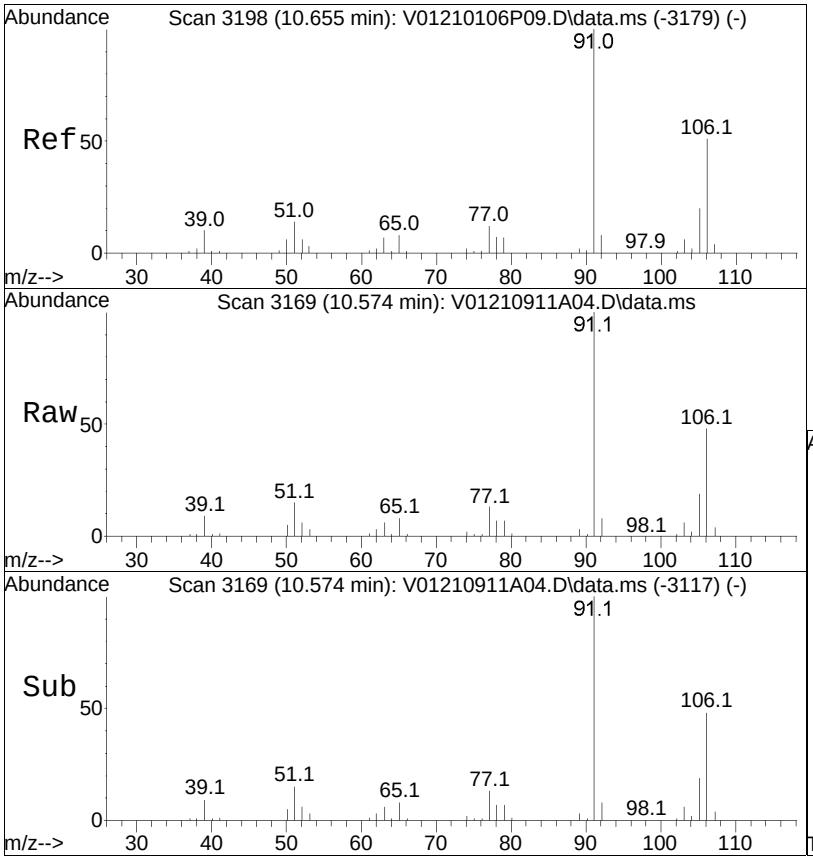


#76
p/m Xylene
Concen: 19.39 ug/L
RT: 10.050 min Scan# 2981
Delta R.T. -0.005 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion:106 Resp: 331183

Ion	Ratio	Lower	Upper
106	100		
91	207.6	162.9	244.3

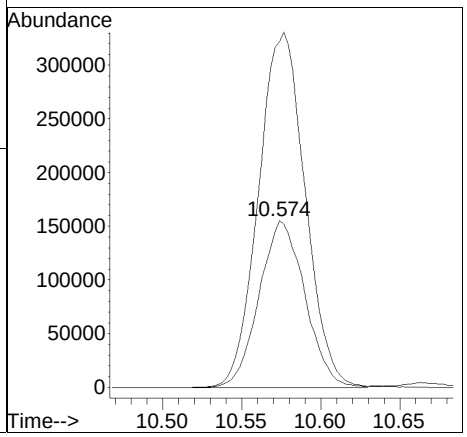


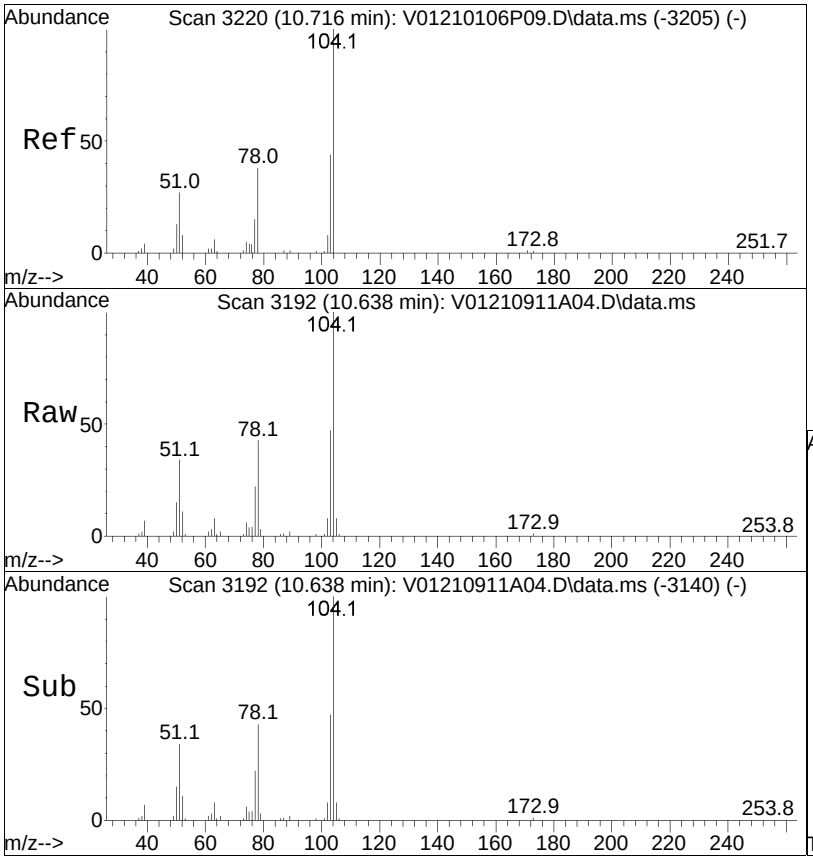


#77
o Xylene
Concen: 19.97 ug/L
RT: 10.574 min Scan# 3169
Delta R.T. -0.005 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion:106 Resp: 311761

Ion	Ratio	Lower	Upper
106	100		
91	217.6	171.2	256.8

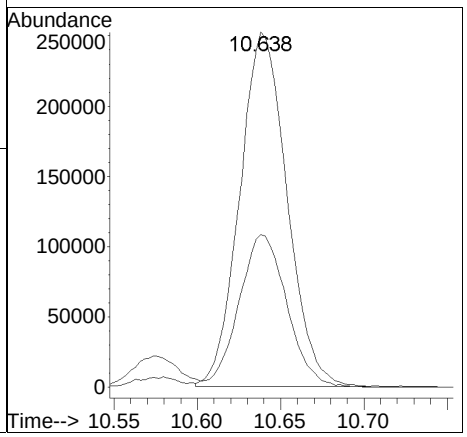


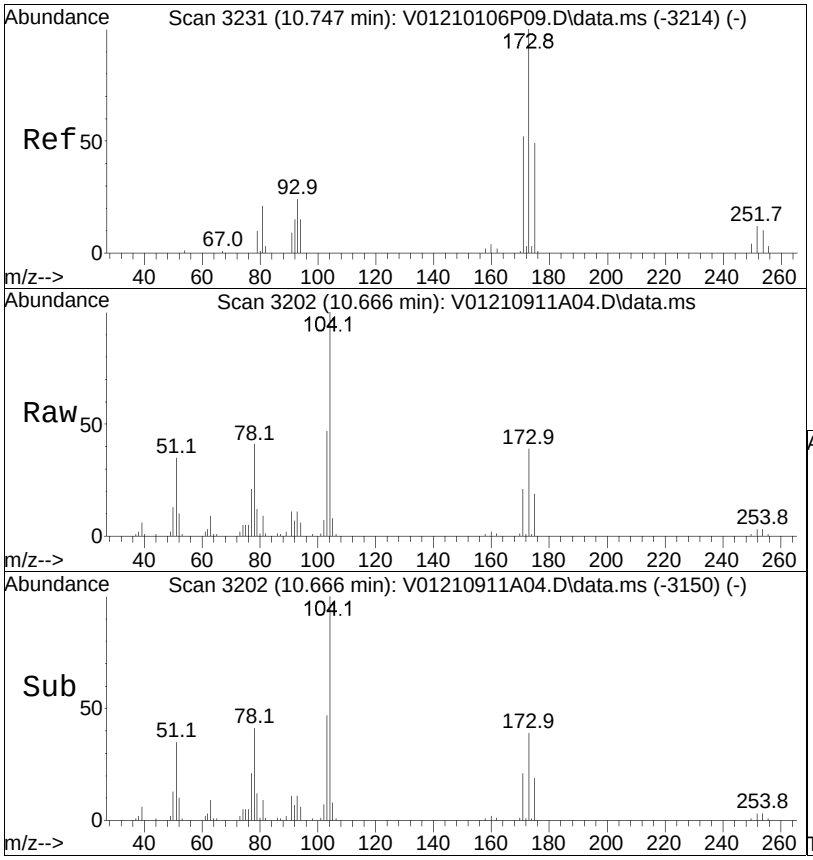


#78
Styrene
Concen: 19.30 ug/L
RT: 10.638 min Scan# 3192
Delta R.T. -0.006 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion:104 Resp: 497538

Ion	Ratio	Lower	Upper
104	100		
78	43.6	34.2	51.4

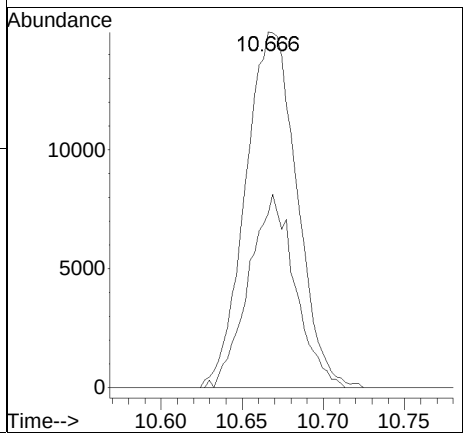


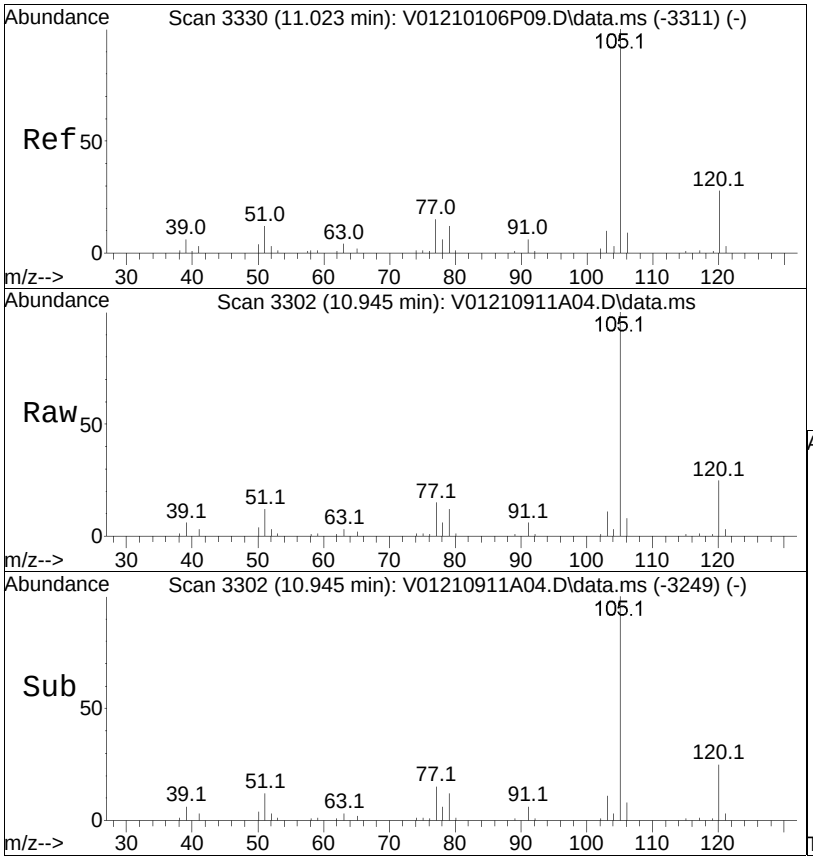


#80
Bromoform
Concen: 8.92 ug/L
RT: 10.666 min Scan# 3202
Delta R.T. -0.005 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion:173 Resp: 33096

Ion	Ratio	Lower	Upper
173	100		
175	48.9	28.6	68.6

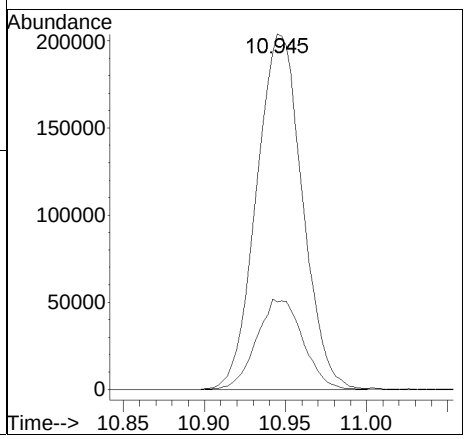


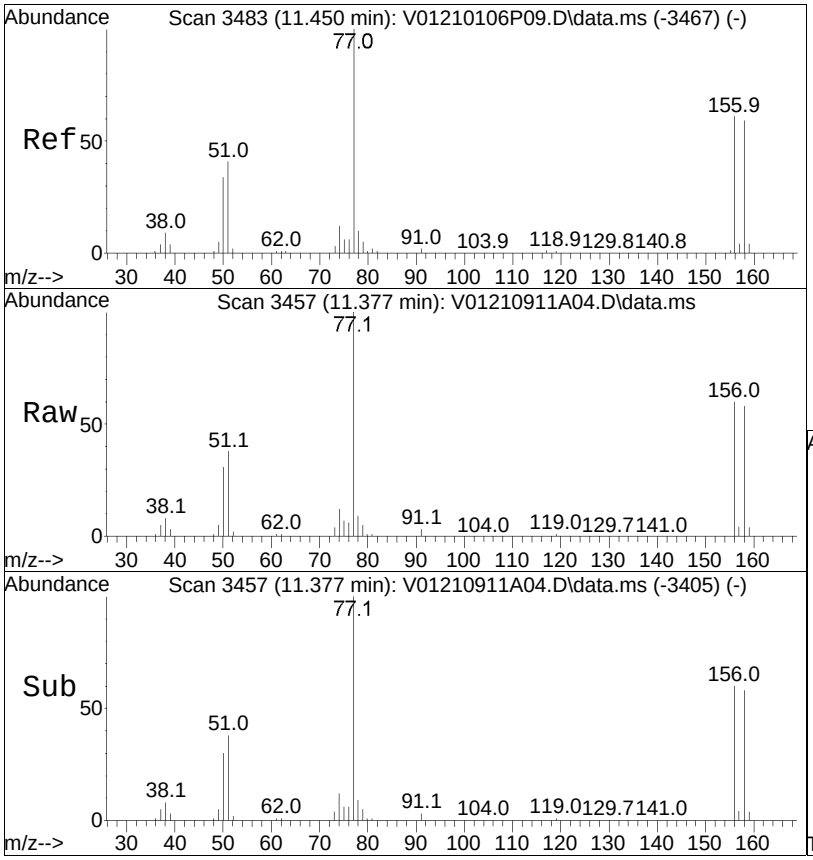


#82
Isopropylbenzene
Concen: 10.64 ug/L
RT: 10.945 min Scan# 3302
Delta R.T. -0.003 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion:105 Resp: 400299

Ion	Ratio	Lower	Upper
105	100		
120	25.6	7.3	47.3

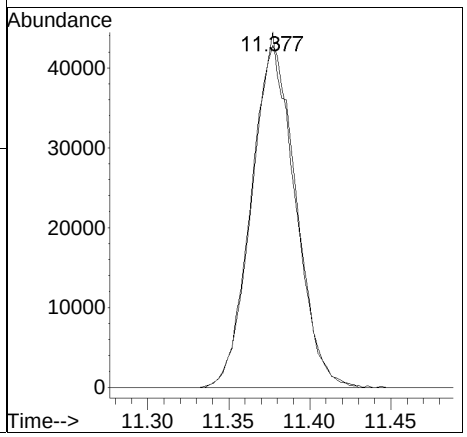


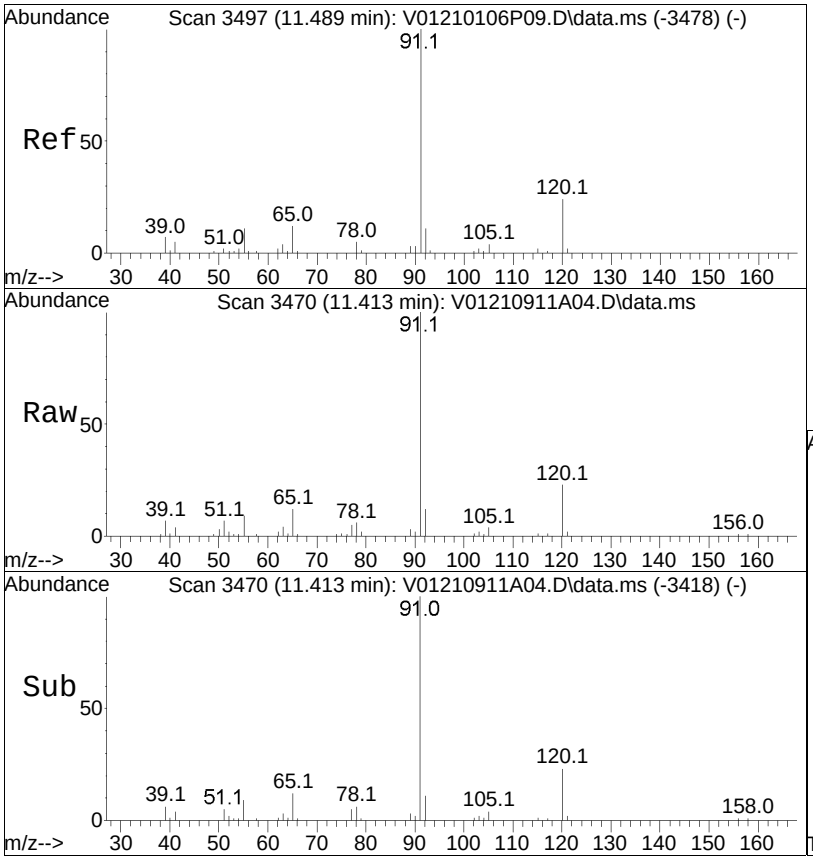


#84
Bromobenzene
Concen: 11.04 ug/L
RT: 11.377 min Scan# 3457
Delta R.T. -0.006 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion:156 Resp: 82918

Ion	Ratio	Lower	Upper
156	100		
158	97.5	78.2	117.4

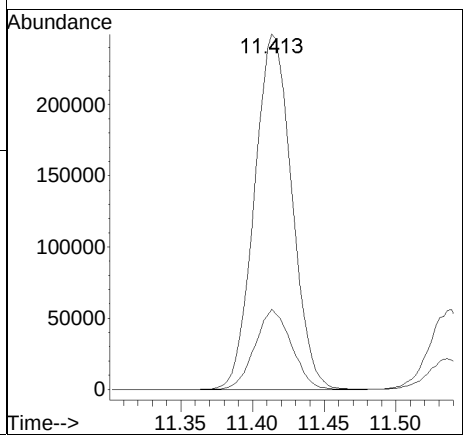


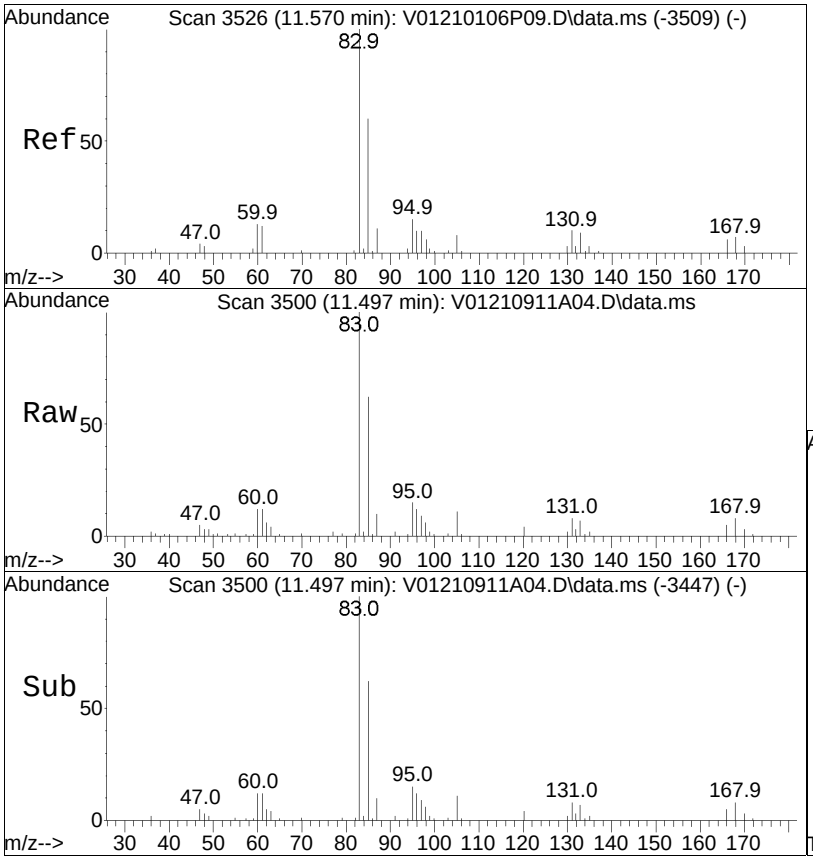


#85
n-Propylbenzene
Concen: 10.60 ug/L
RT: 11.413 min Scan# 3470
Delta R.T. -0.006 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion: 91 Resp: 452241

Ion	Ratio	Lower	Upper
91	100		
120	22.0	18.6	28.0

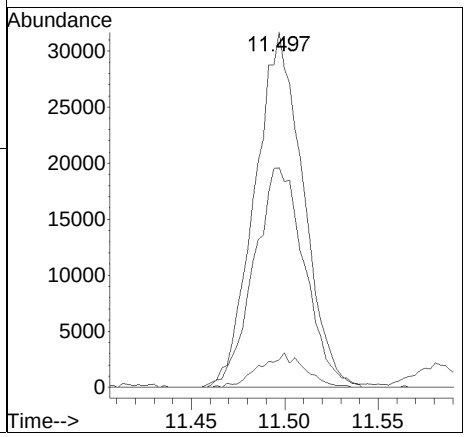


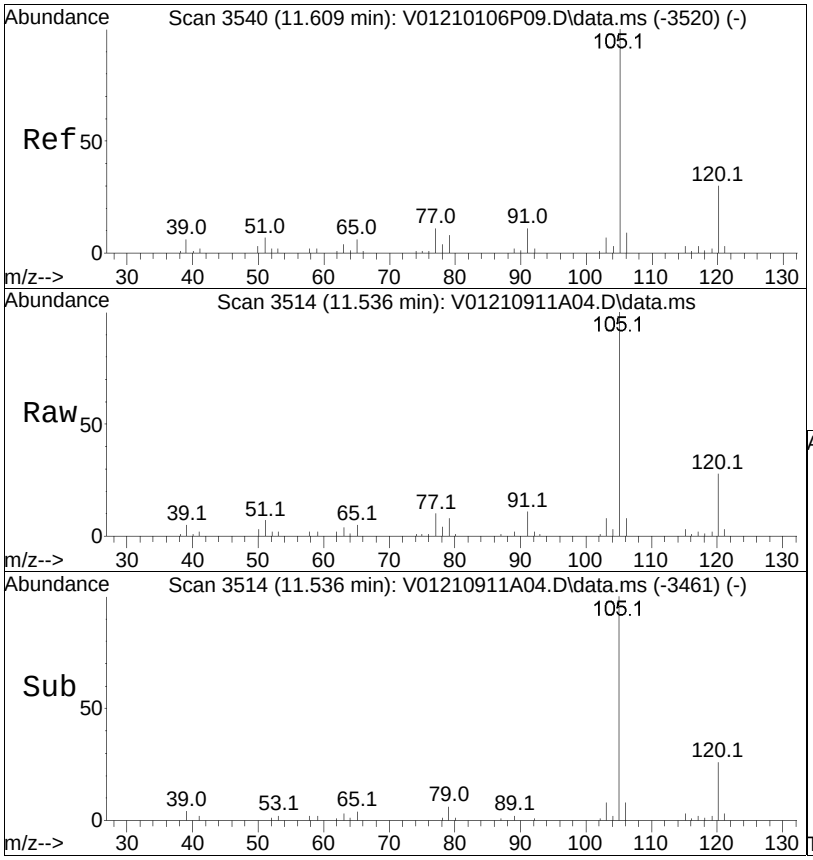


#87
1,1,2,2-Tetrachloroethane
Concen: 8.76 ug/L
RT: 11.497 min Scan# 3500
Delta R.T. -0.003 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion: 83 Resp: 57089

Ion	Ratio	Lower	Upper
83	100		
131	9.1	0.0	30.1
85	64.9	45.8	85.8

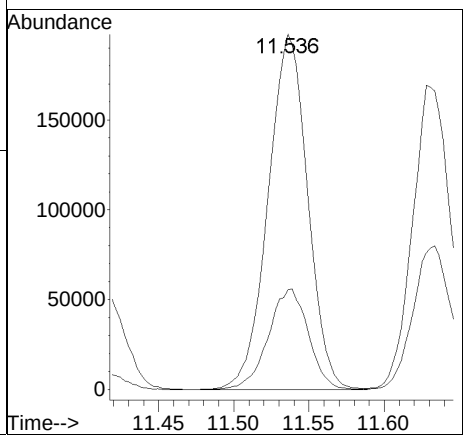


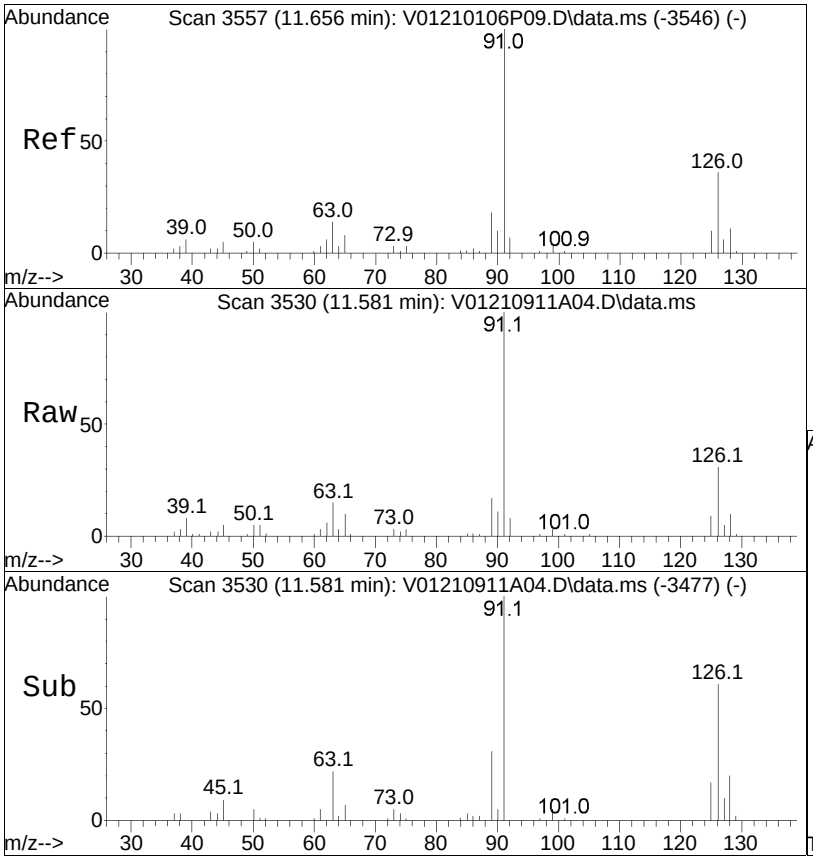


#88
4-Ethyltoluene
Concen: 10.34 ug/L
RT: 11.536 min Scan# 3514
Delta R.T. -0.003 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion:105 Resp: 361567

Ion	Ratio	Lower	Upper
105	100		
120	28.6	19.8	41.0

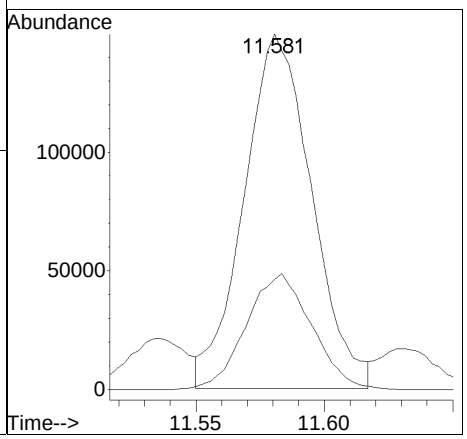


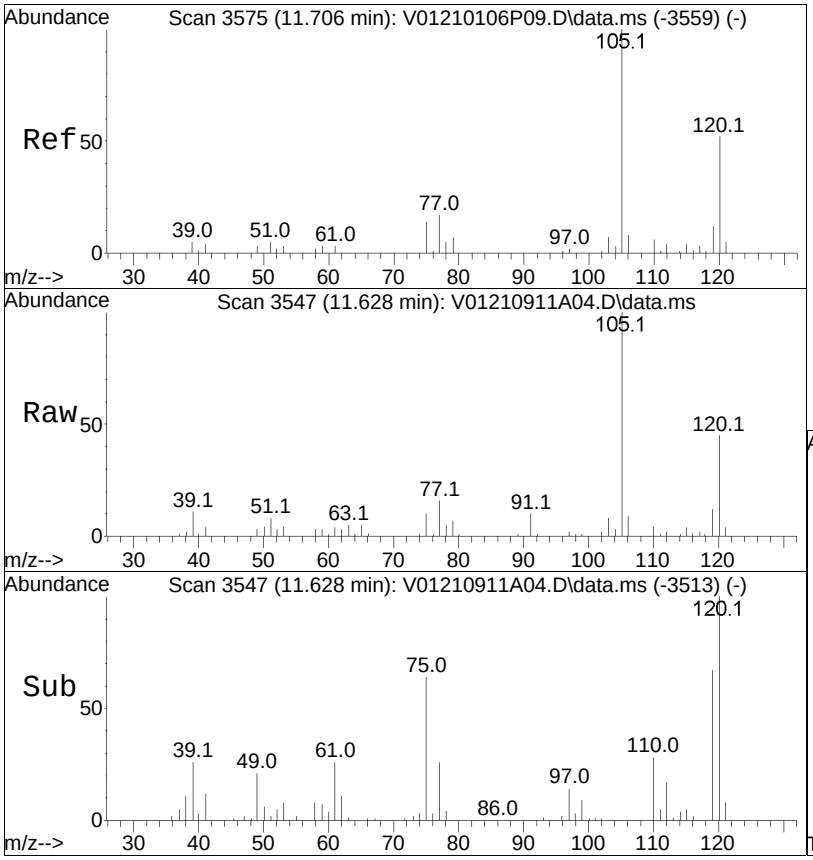


#89
2-Chlorotoluene
Concen: 10.71 ug/L
RT: 11.581 min Scan# 3530
Delta R.T. -0.002 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion: 91 Resp: 274152

Ion	Ratio	Lower	Upper
91	100		
126	31.4	27.1	40.7

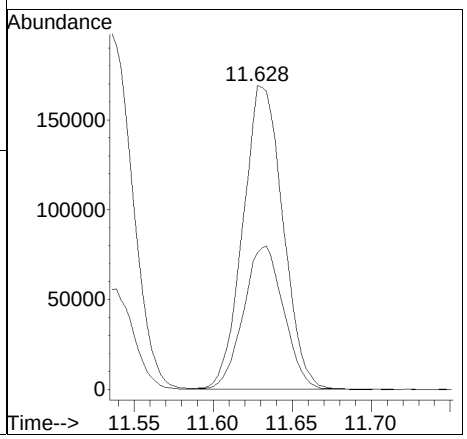


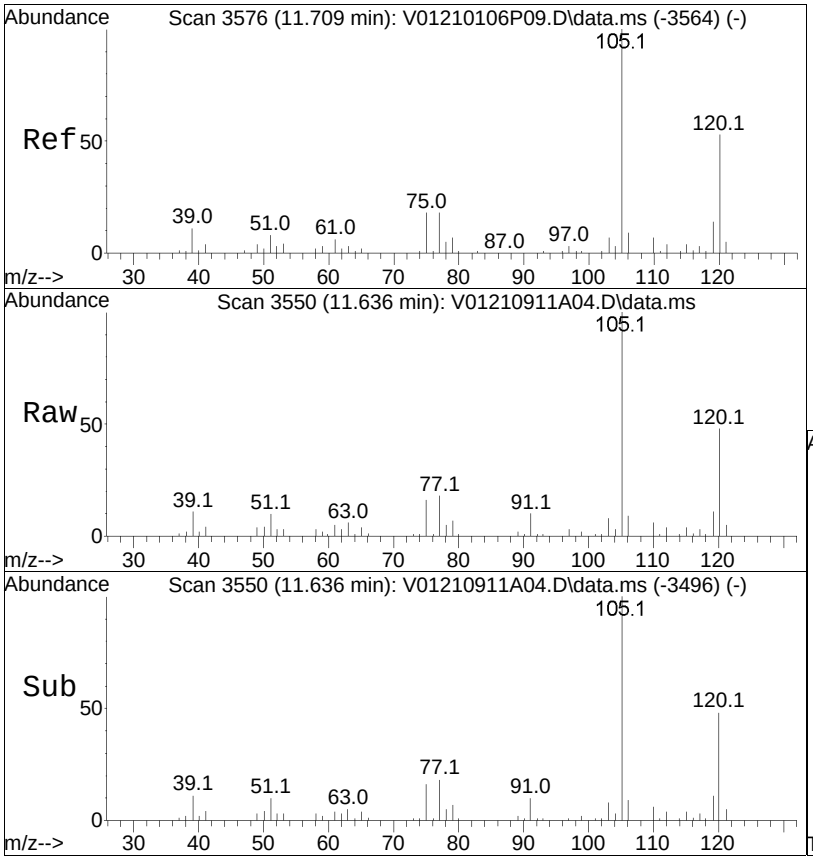


#90
1,3,5-Trimethylbenzene
Concen: 10.48 ug/L
RT: 11.628 min Scan# 3547
Delta R.T. -0.006 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion:105 Resp: 297543

Ion	Ratio	Lower	Upper
105	100		
120	47.5	40.6	60.8

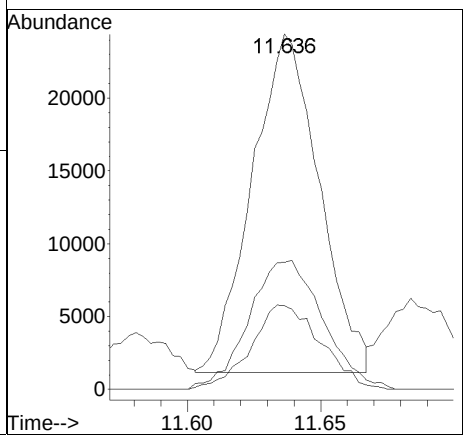


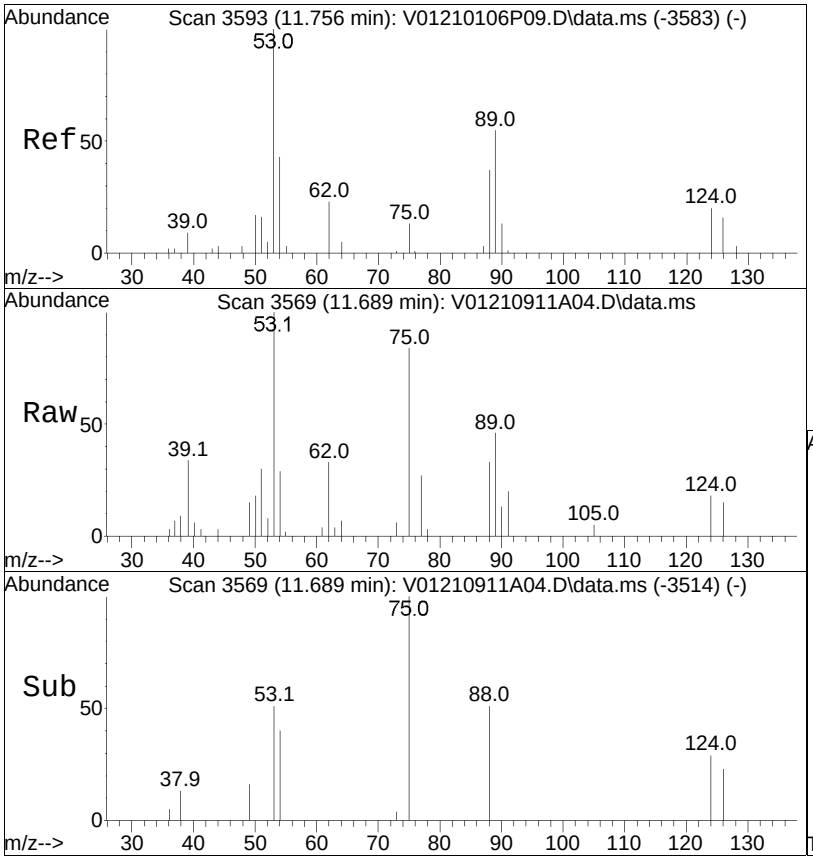


#91
1,2,3-Trichloropropane
Concen: 8.55 ug/L M4
RT: 11.636 min Scan# 3550
Delta R.T. 0.000 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion: 75 Resp: 40735

Ion	Ratio	Lower	Upper
75	100		
110	41.9	26.5	54.9
112	25.9	17.0	35.2

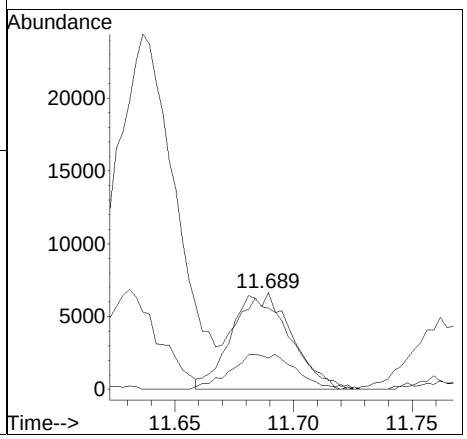


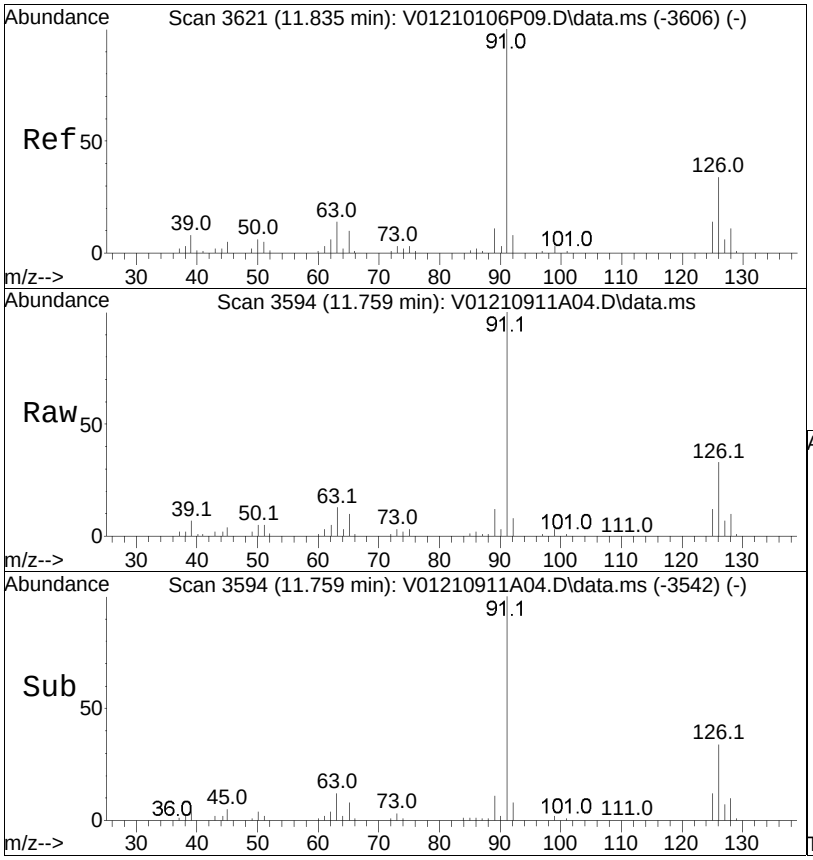


#92
trans-1,4-Dichloro-2-butene
Concen: 5.97 ug/L
RT: 11.689 min Scan# 3569
Delta R.T. 0.002 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion: 53 Resp: 11472

Ion	Ratio	Lower	Upper
53	100		
88	39.9	46.0	69.0#
75	92.3	107.0	160.4#

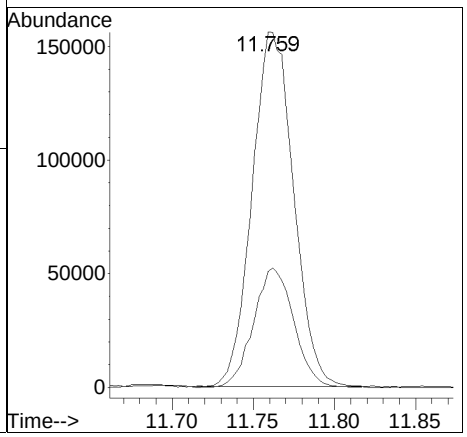


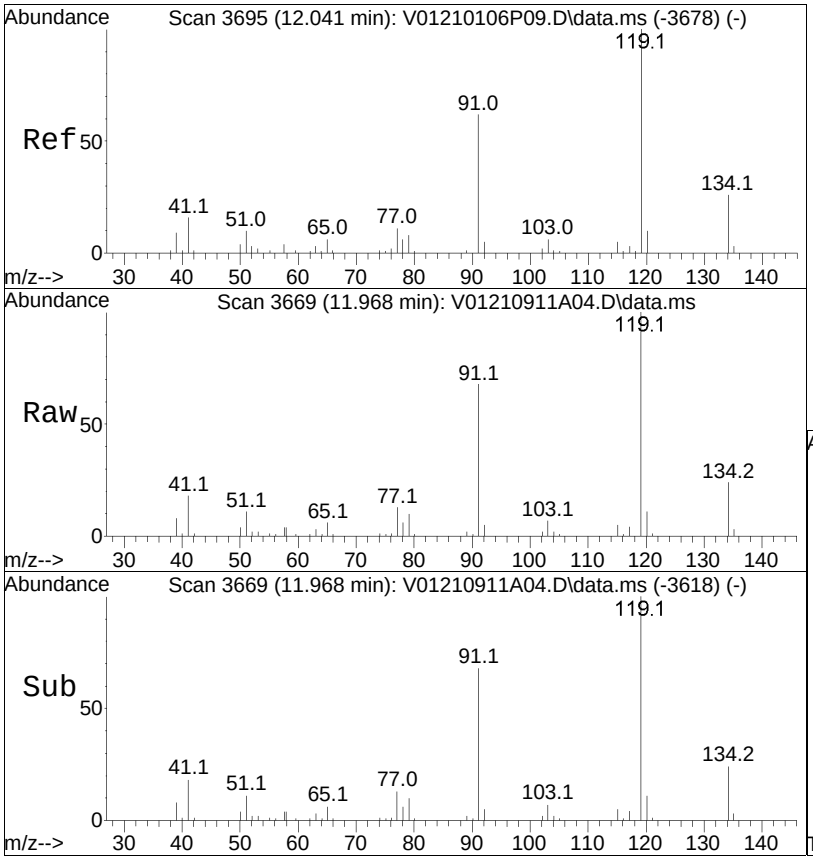


#93
4-Chlorotoluene
Concen: 10.53 ug/L
RT: 11.759 min Scan# 3594
Delta R.T. -0.006 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion: 91 Resp: 277593

Ion	Ratio	Lower	Upper
91	100		
126	32.7	28.2	42.2

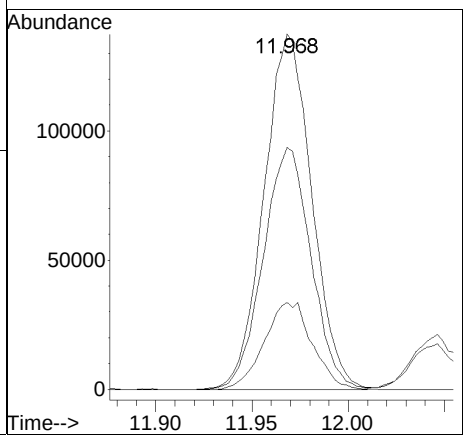


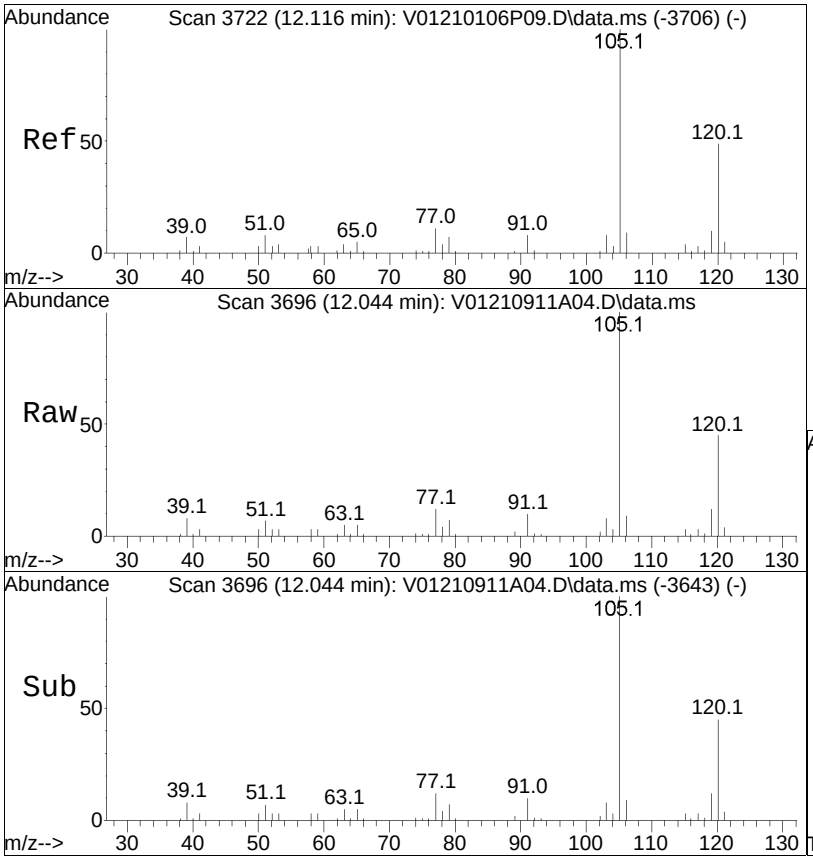


#94
tert-Butylbenzene
Concen: 10.19 ug/L
RT: 11.968 min Scan# 3669
Delta R.T. -0.006 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion:119 Resp: 237131

Ion	Ratio	Lower	Upper
119	100		
91	68.1	52.5	78.7
134	24.6	20.9	31.3

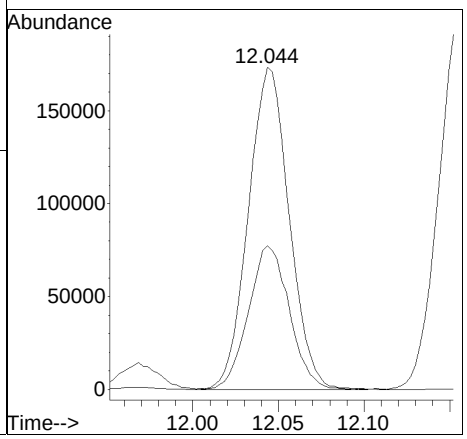


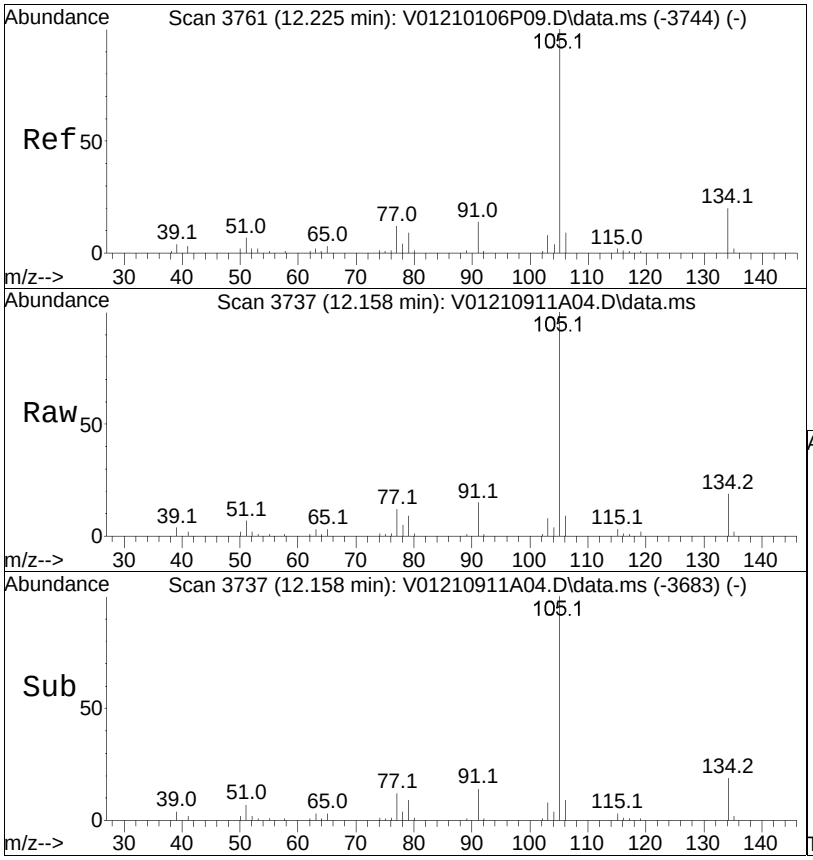


#97
1,2,4-Trimethylbenzene
Concen: 10.31 ug/L
RT: 12.044 min Scan# 3696
Delta R.T. -0.002 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion:105 Resp: 287031

Ion	Ratio	Lower	Upper
105	100		
120	44.7	37.8	56.6

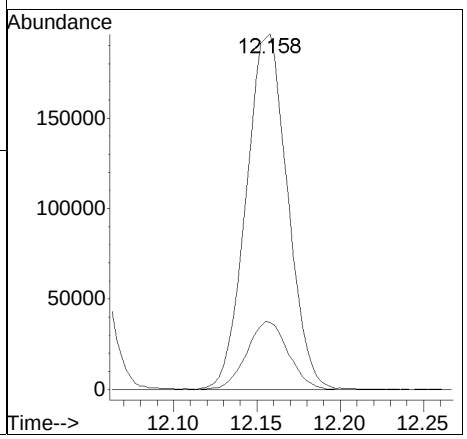


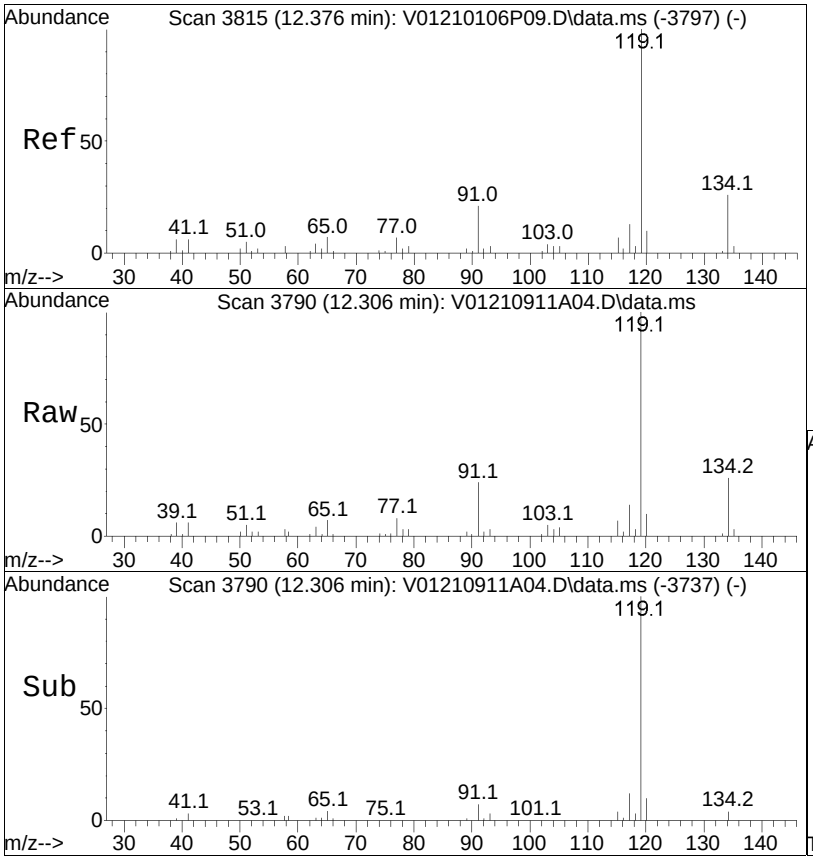


#98
sec-Butylbenzene
Concen: 9.99 ug/L
RT: 12.158 min Scan# 3737
Delta R.T. -0.000 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion:105 Resp: 339139

Ion	Ratio	Lower	Upper
105	100		
134	19.1	14.0	29.0

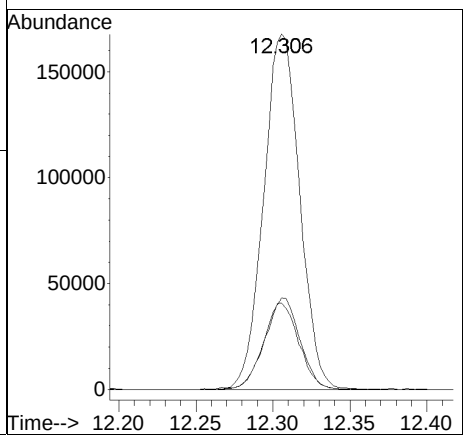


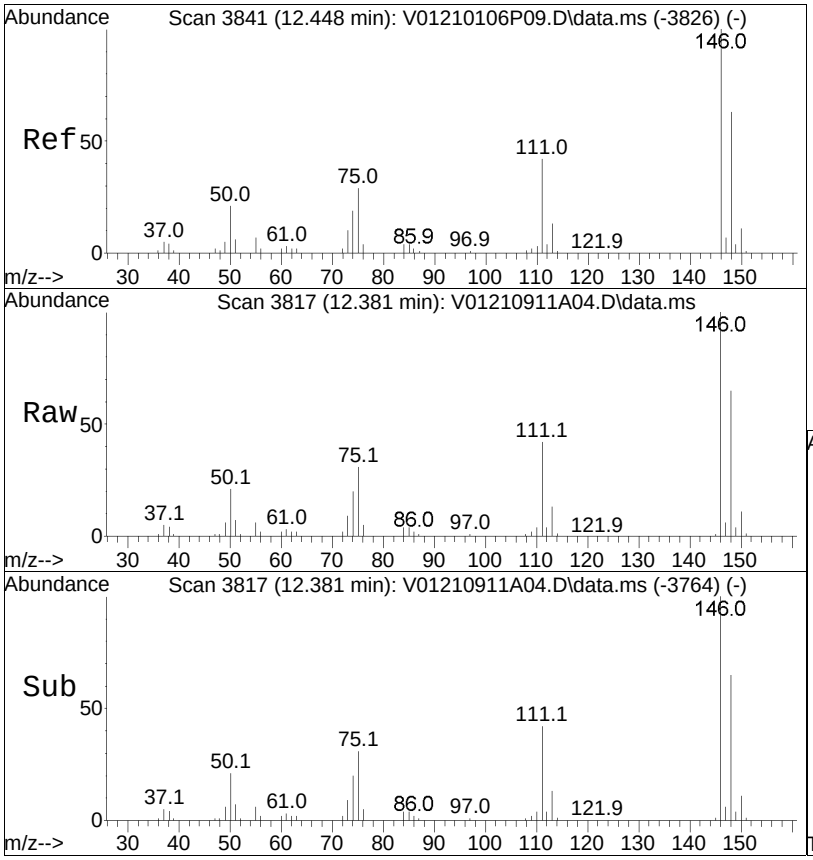


#99
p-Isopropyltoluene
Concen: 10.12 ug/L
RT: 12.306 min Scan# 3790
Delta R.T. -0.002 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion:119 Resp: 273082

Ion	Ratio	Lower	Upper
119	100		
134	25.3	17.7	36.7
91	23.8	15.4	32.0

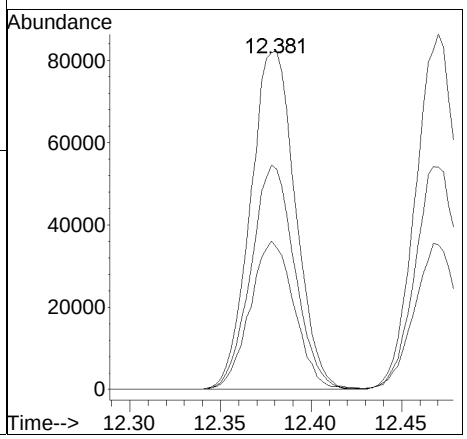


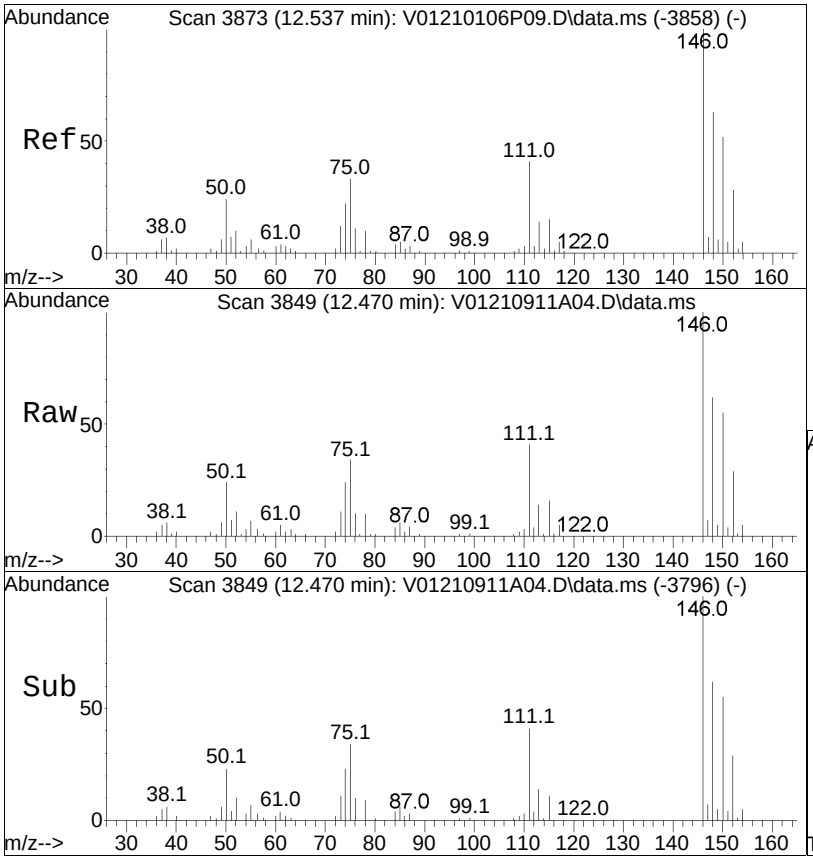


#100
1,3-Dichlorobenzene
Concen: 9.89 ug/L
RT: 12.381 min Scan# 3817
Delta R.T. -0.003 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion:146 Resp: 142477

Ion	Ratio	Lower	Upper
146	100		
111	43.1	25.9	53.9
148	64.4	41.5	86.3

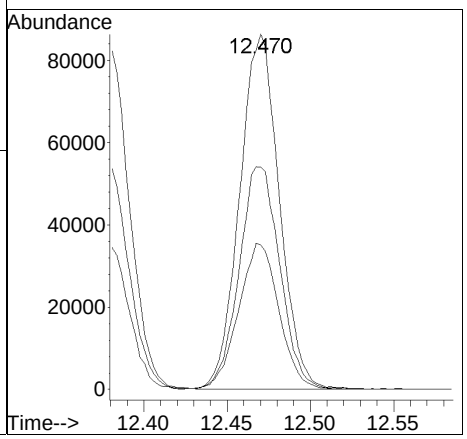


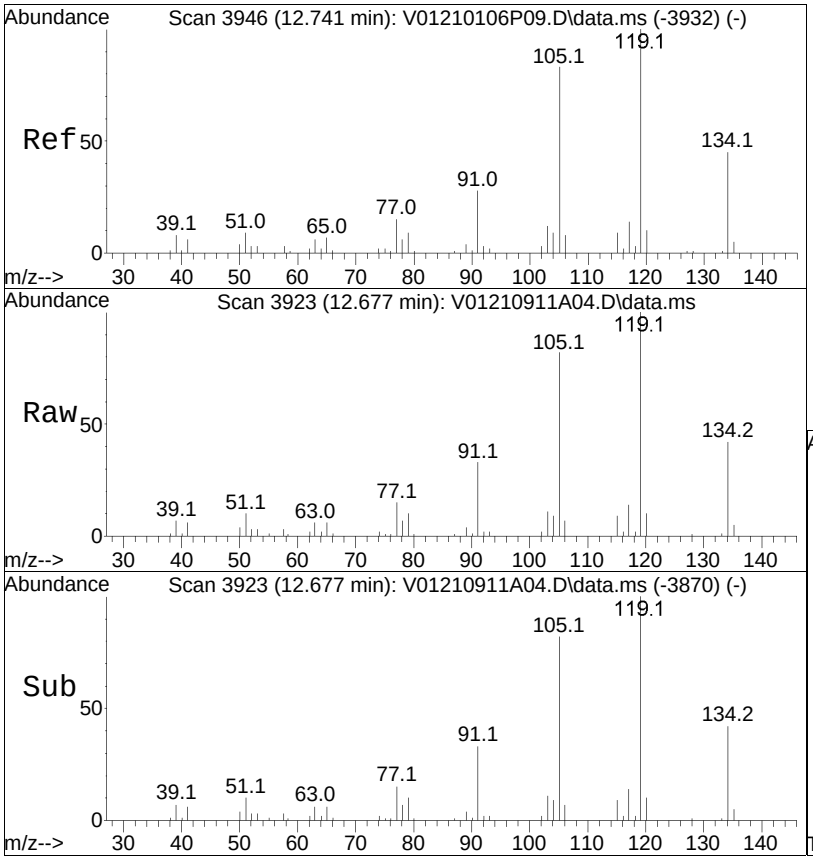


#101
1,4-Dichlorobenzene
Concen: 9.72 ug/L
RT: 12.470 min Scan# 3849
Delta R.T. -0.003 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion:146 Resp: 143356

Ion	Ratio	Lower	Upper
146	100		
111	41.9	31.7	47.5
148	64.3	51.5	77.3

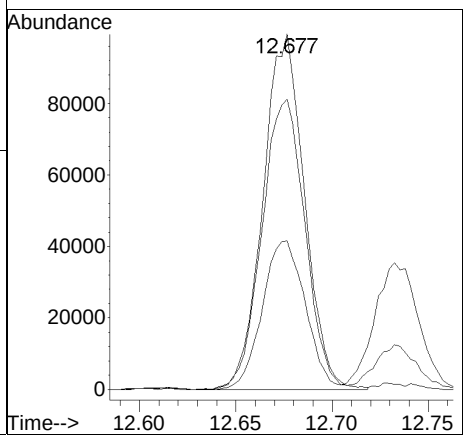


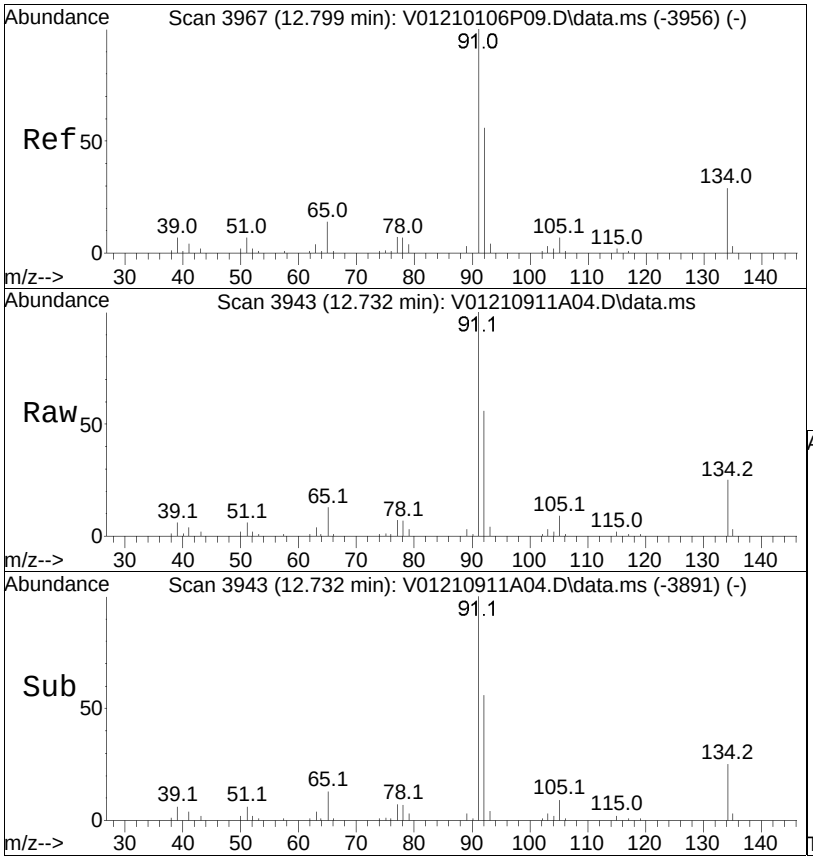


#102
p-Diethylbenzene
Concen: 9.66 ug/L
RT: 12.677 min Scan# 3923
Delta R.T. -0.002 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion:119 Resp: 148538

Ion	Ratio	Lower	Upper
119	100		
105	84.9	54.1	112.3
134	43.4	31.5	65.3

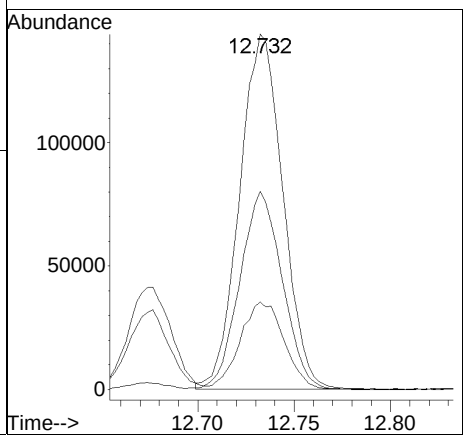


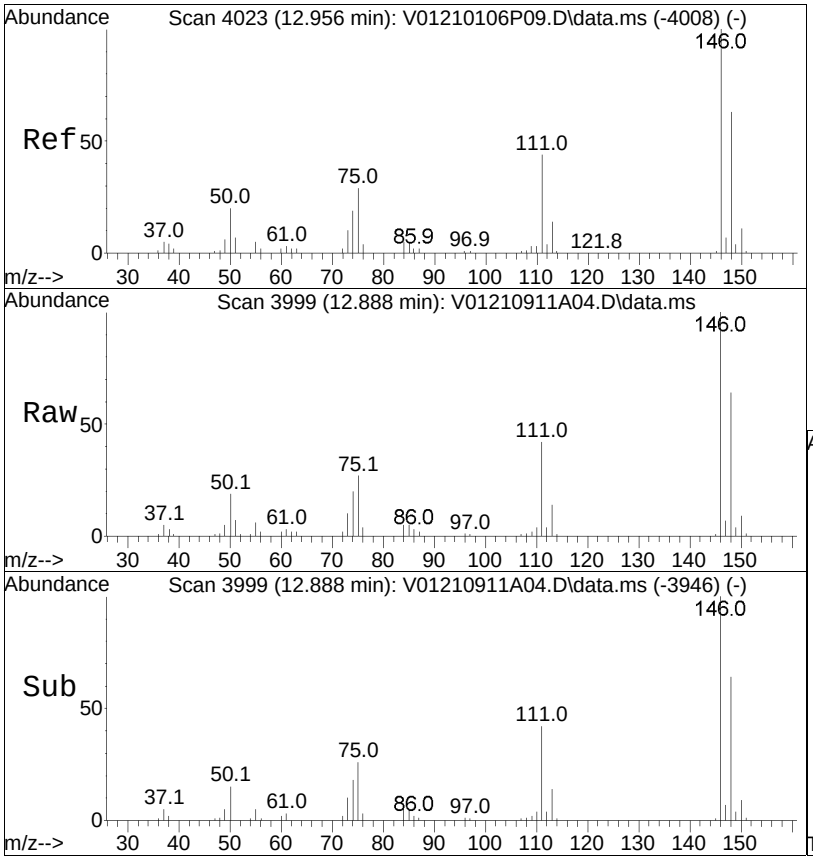


#103
n-Butylbenzene
Concen: 9.88 ug/L
RT: 12.732 min Scan# 3943
Delta R.T. -0.006 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion: 91 Resp: 224740

Ion	Ratio	Lower	Upper
91	100		
92	54.9	43.7	65.5
134	25.1	22.1	33.1

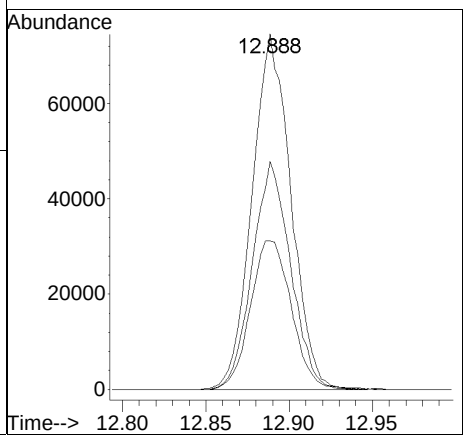


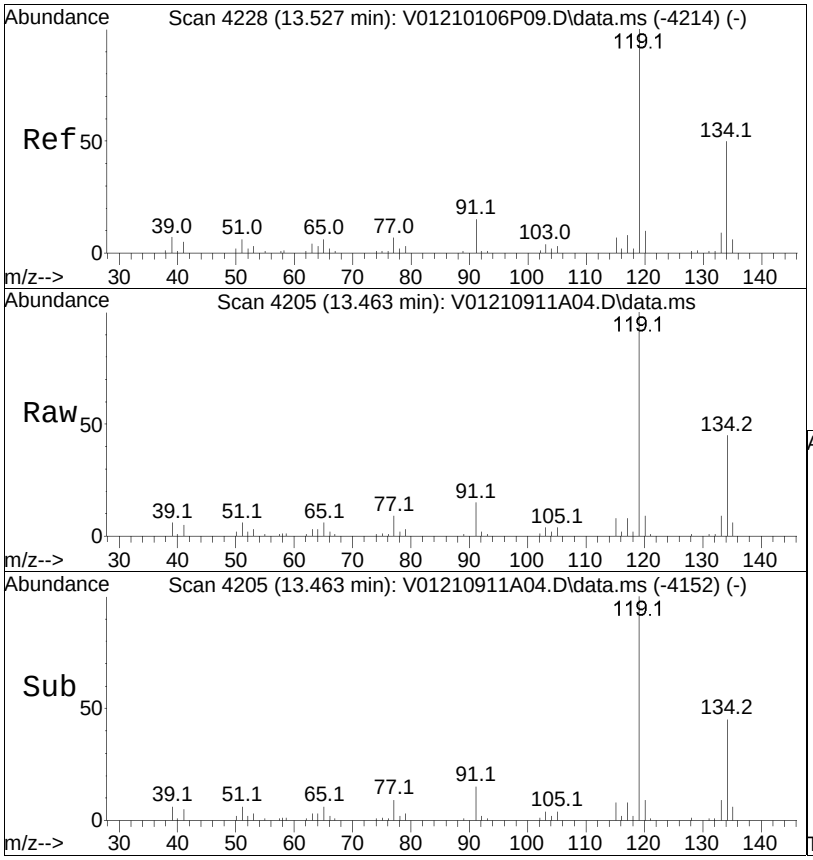


#104
1,2-Dichlorobenzene
Concen: 9.48 ug/L
RT: 12.888 min Scan# 3999
Delta R.T. -0.003 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion:146 Resp: 120843

Ion	Ratio	Lower	Upper
146	100		
111	44.0	26.8	55.8
148	62.9	41.6	86.4

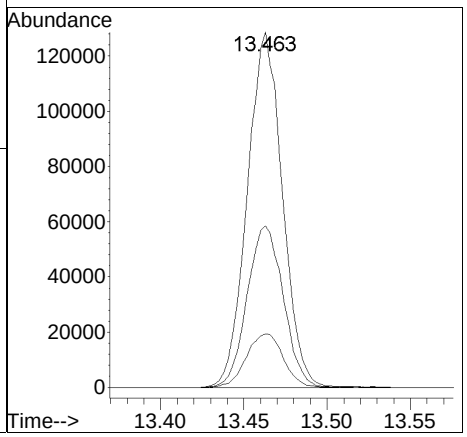


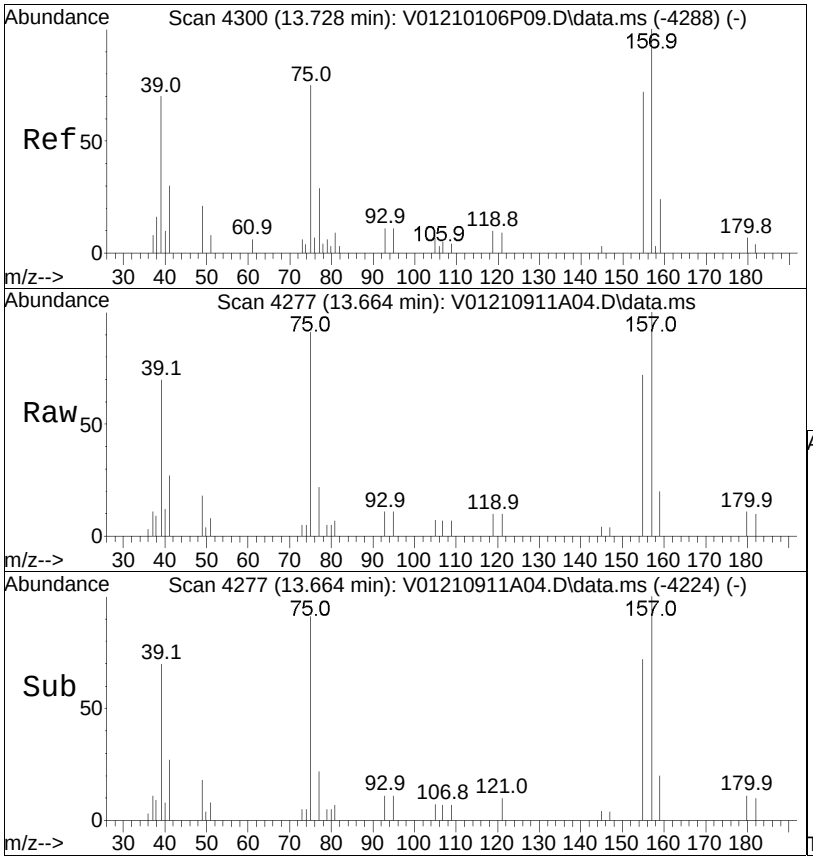


#105
1,2,4,5-Tetramethylbenzene
Concen: 9.40 ug/L
RT: 13.463 min Scan# 4205
Delta R.T. -0.003 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion:119 Resp: 188752

Ion	Ratio	Lower	Upper
119	100		
134	46.7	31.9	66.1
91	15.9	10.3	21.5

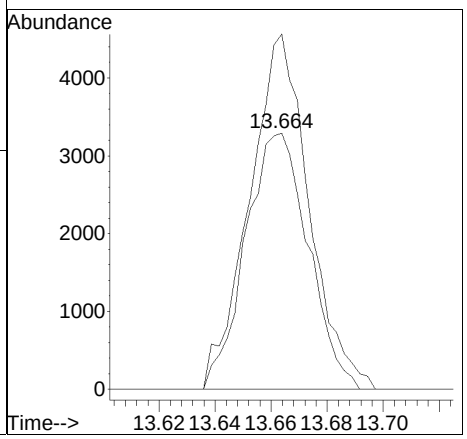


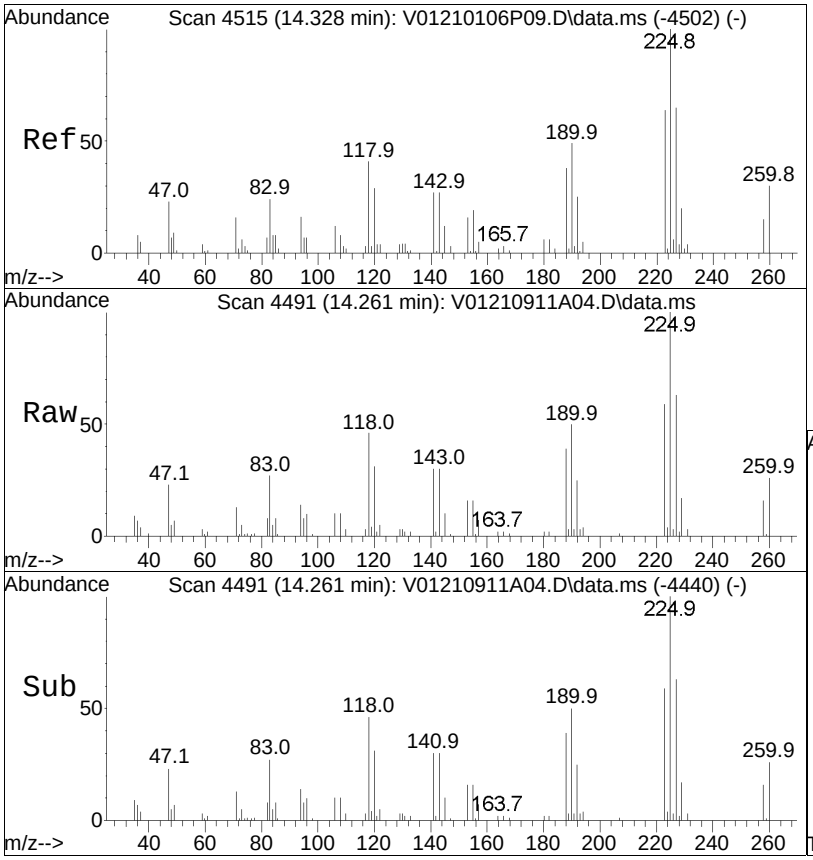


#106
1,2-Dibromo-3-chloropropane
Concen: 7.66 ug/L
RT: 13.664 min Scan# 4277
Delta R.T. -0.002 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion:155 Resp: 5118

Ion	Ratio	Lower	Upper
155	100		
157	131.8	101.1	151.7

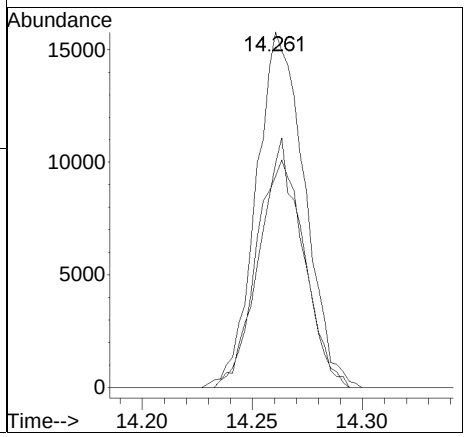


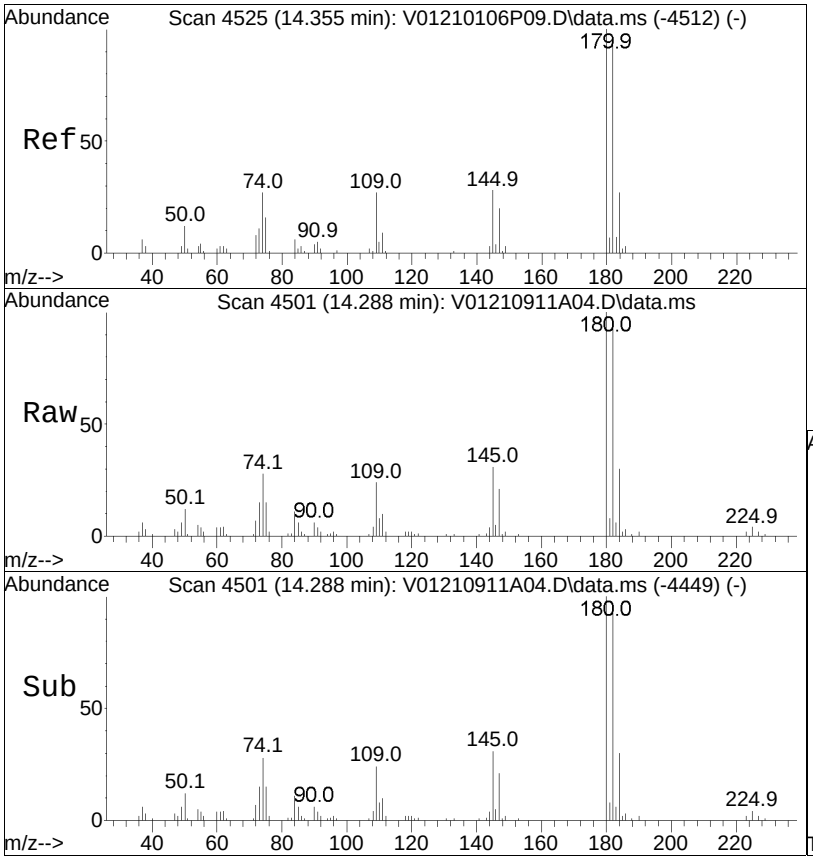


#108
Hexachlorobutadiene
Concen: 10.12 ug/L
RT: 14.261 min Scan# 4491
Delta R.T. -0.008 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion:225 Resp: 24223

Ion	Ratio	Lower	Upper
225	100		
223	64.3	51.0	76.4
227	62.9	52.2	78.4

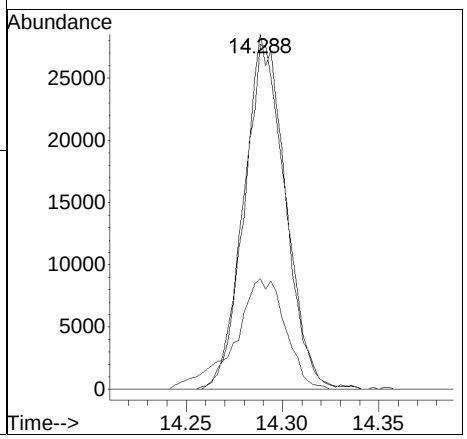


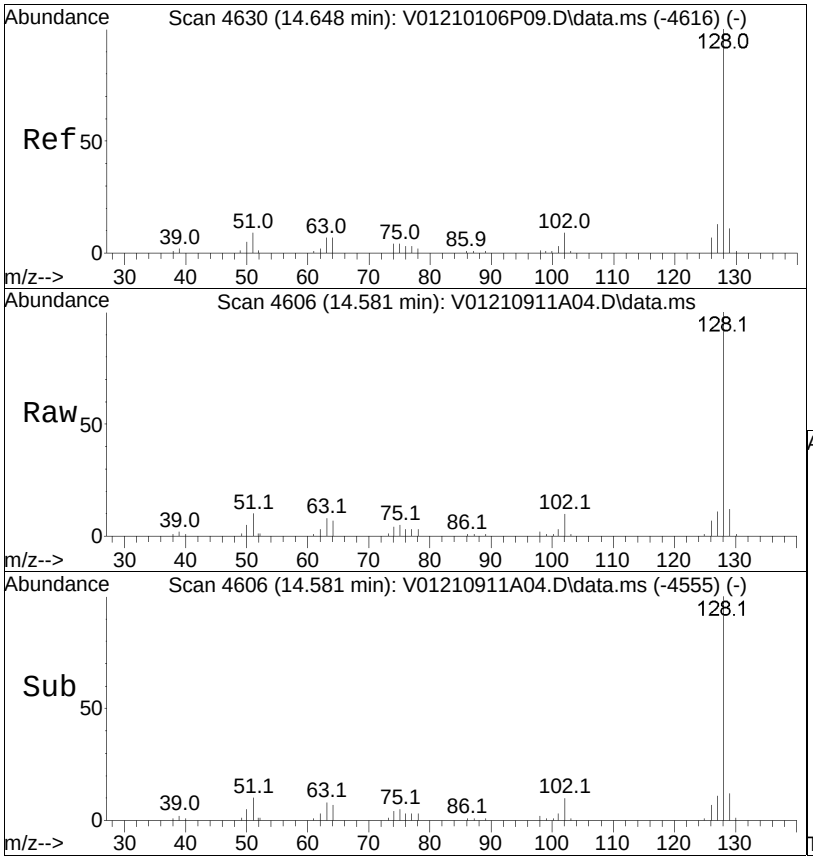


#109
1,2,4-Trichlorobenzene
Concen: 7.84 ug/L
RT: 14.288 min Scan# 4501
Delta R.T. -0.006 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion:180 Resp: 43119

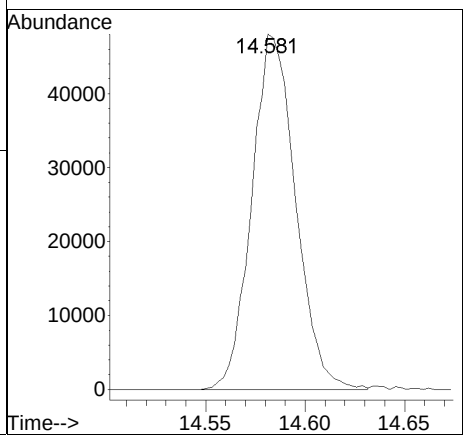
Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.8	113.8
145	37.8	26.1	39.1

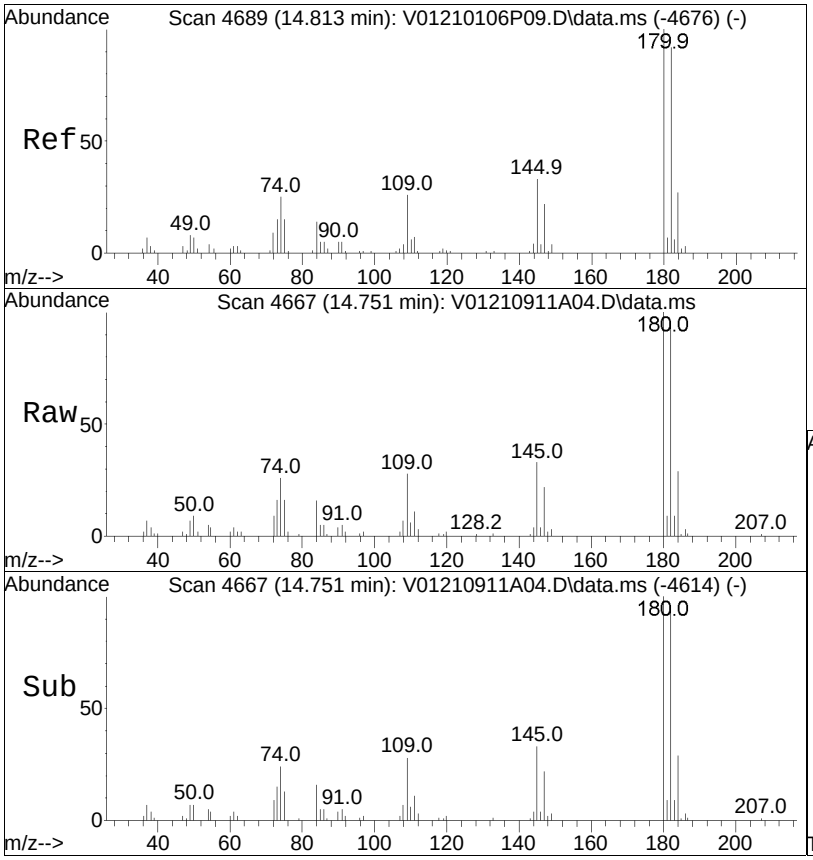




#110
Naphthalene
Concen: 6.06 ug/L
RT: 14.581 min Scan# 4606
Delta R.T. -0.006 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion:128 Resp: 73587

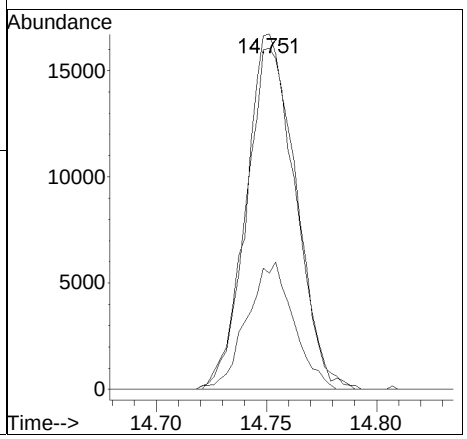




#111
1,2,3-Trichlorobenzene
Concen: 6.27 ug/L
RT: 14.751 min Scan# 4667
Delta R.T. -0.003 min
Lab File: V01210911A04.D
Acq: 11 Sep 2021 10:46 am

Tgt Ion:180 Resp: 26215

Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.4	113.0
145	33.6	25.0	37.6

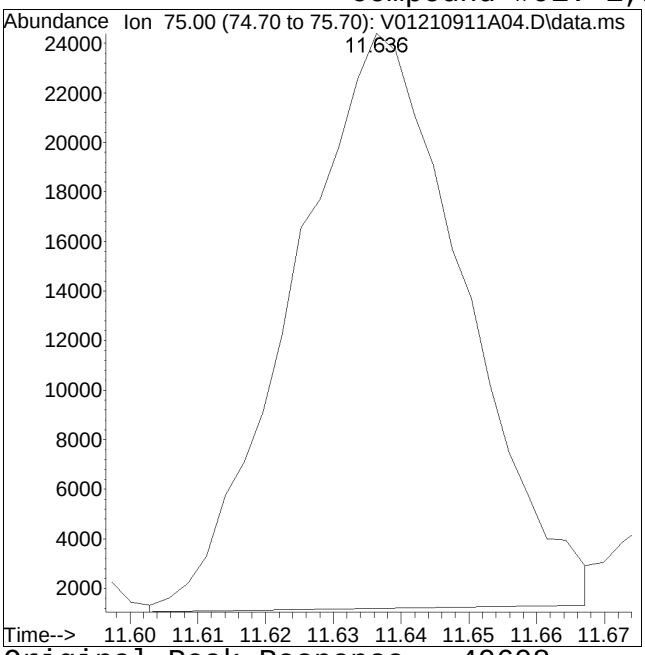


Manual Integration Report

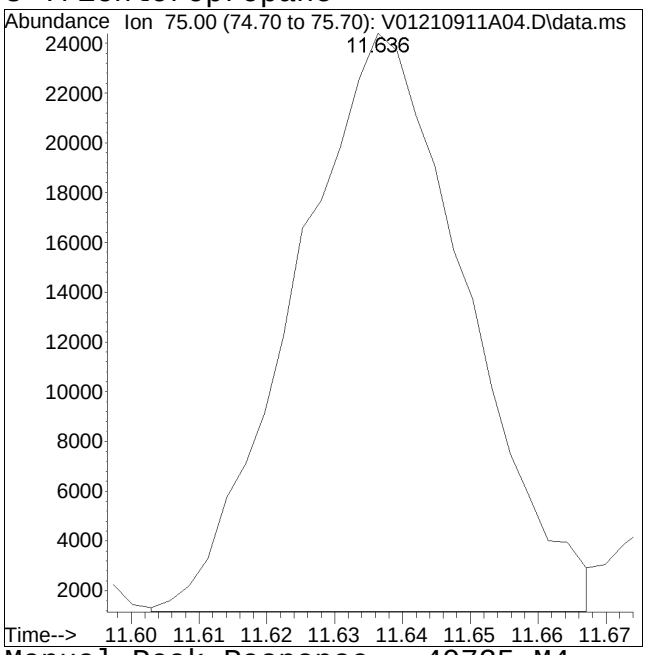
Data Path : I:\VOLATILES\VOA101\2021\2Q
Data File : V01210911A04.D
Date Inj'd : 9/11/2021 10:46 am
Sample : WG1545693-4,31,10,10

Method : V101_210824A_8260.m
Operator : VOA101:LAC
Instrument : VOA 101
Quant Date : 9/11/2021 11:11 am

Compound #91: 1,2,3-Trichloropropane



Original Peak Response = 40608



Manual Peak Response = 40735 M4

M4 = Poor automated baseline construction.

Calculation of Volatile Organic Compounds

Aqueous Concentration Formula: Amt * DF * Uf * (1/Vo)

Where:
DF = Dilution Factor
Vo = Sample Volume Purged (mL)
Uf = ng Unit Correction Factor (mL)

Soil Concentration Formula: Amt * DF * (1/Wt)

Where:
DF = Dilution Factor
Wt = Weight of Sample (g)

ALPHA ANALYTICAL LABORATORIES, INC.

Alpha WORK GROUP REPORT (wk02)

Sep 14 2021, 11:00 am

Work Group: WG1545693 for Department: 31 GC/MS - Volatiles

Created: 13-SEP-21 Due: Operator: PD

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2148076-03	MW-03	S	NYTCL-8260	WATER	DONE	U	0922	0915	S0	Vial-B
L2148076-04	DUP-20210908	S	NYTCL-8260	WATER	DONE	U	0922	0915	S0	Vial-B
L2148182-01	MW-201	S	NYTCL-8260	WATER	DONE	U	0922	0915	S0	Vial-B
L2148182-02	MW-203	S	NYTCL-8260	WATER	DONE	U	0922	0915	S0	Vial-B
L2148182-03	MW-210	S	NYTCL-8260	WATER	DONE	U	0922	0915	S0	Vial-B
L2148182-04	DUP	S	NYTCL-8260	WATER	DONE	U	0922	0915	S0	Vial-B
L2148182-05	MW-213	S	NYTCL-8260	WATER	DONE	U	0922	0915	S0	Vial-B
L2148182-06	MW-216	S	NYTCL-8260	WATER	DONE	U	0922	0915	S0	Vial-B
L2148182-07	MW-217	S	NYTCL-8260	WATER	DONE	U	0922	0915	S0	Vial-B
L2148182-08	FB	S	NYTCL-8260	WATER	DONE	U	0922	0915	S0	Vial-B
L2148182-09	TB	S	NYTCL-8260	WATER	DONE	U	0921	0915	S0	Vial-B
L2148190-01	MW-7	S	NYTCL-8260	WATER	DONE	U	0922	0915	S0	Vial-B
L2148190-02	RW-1	S	NYTCL-8260	WATER	DONE	U	0922	0915	S0	Vial-B
L2148190-03	MW-3	S	NYTCL-8260	WATER	DONE	U	0922	0915	S0	Vial-B
L2148190-05	DUP_GW_09082021	S	NYTCL-8260	WATER	DONE	U	0922	0915	S0	Vial-B
L2148190-06	FB_GW_09082021	S	NYTCL-8260	WATER	DONE	U	0922	0915	S0	Vial-B
L2148190-07	TB_GW_09082021	S	NYTCL-8260	WATER	DONE	U	0922	0915	S0	Vial-B
WG1545693-1	MS BFB Tune Standard	S	NYTCL-8260	WATER	DONE	U				
WG1545693-2	Continuing Calibrati	S	NYTCL-8260	WATER	DONE	U				
WG1545693-3	Laboratory Control S	S	NYTCL-8260	WATER	DONE	U				
WG1545693-4	LCS Duplicate	S	NYTCL-8260	WATER	DONE	U				
WG1545693-5	Laboratory Method Bl	S	NYTCL-8260	WATER	DONE	U				
WG1545693-6	Matrix Spike	S	NYTCL-8260	WATER	DONE	U				
WG1545693-7	Matrix Spike Duplica	S	NYTCL-8260	WATER	DONE	U				

Comments:

WG1545693-4	WG1545693-3
WG1545693-6	L2148076-03
WG1545693-7	L2148076-03

Method

Inst: VOA101 BFB: V8515 GC: 8260

Initials: PD IS/SS: V8537 Autosampler: 8260water

Date: **08/24/21** ICAL: V8538,V8549C,V8550 Concentrator: 8260water

Run: **A** ICV: V8535,V8514,V8539,V8476,V8525,V8477,V8462 QC: _____ Seq: _____

Vial	DATA FILE	SAMPLE	pH<2
1	V01210824ABF1	BFB TUNE 10:19	
1	V01210824A01	BLK	
2	V01210824A02	BLK	
3	V01210824A03	I8260STD0.19PPB	
4	V01210824A04	I8260STD0.5PPB	
5	V01210824A05	I8260STD0.5PPB	
6	V01210824A06	I8260STD2PPB	
7	V01210824A07	I8260STD2PPB	
8	V01210824A08	I8260STD10PPB	
9	V01210824A09	I8260STD30PPB	
10	V01210824A10	I8260STD80PPB	
11	V01210824A11	I8260STD120PPB	
12	V01210824A12	I8260STD200PPB	
13	V01210824A13	BLK	
14	V01210824A14	BLK	
15	V01210824A15	BLK	
16	V01210824A16	BLK	
17	V01210824A17	BLK	
18	V01210824A18	BLK	
19	V01210824A19	C8260STD10PPB	
20	V01210824A20	C8260STD10PPB	
21	V01210824A21	BLK	
22	V01210824A22	BLK	

Inst: VOA101 BFB: V8515 Method GC: 8260

Initials: LAC IS/SS: V8561 Autosampler: 8260water

Date: **09/11/21** ICAL: V8576,V8571,V8574A Concentrator: 8260water

Run: **A** QC: Seq:

Vial	DATA FILE	SAMPLE			pH<2
1	V01210911ABF2	BFB TUNE			
1	V01210911A01	8260 CCAL			
2	V01210911A02	8260 CCAL			
3	V01210911A03	BLK			
4	V01210911A04	8260 CCAL			
5	V01210911A05	BLK			
6	V01210911A06	METHOD BLK			
7	V01210911A07	L2148190-07,31,10,10,,A,PRI	NYTCL	TB	pH<2
8	V01210911A08	L2148190-06,31,10,10,,A,PRI	NYTCL	FB	pH<2
9	V01210911A09	L2148182-09,31,10,10,,A,PRI	NYTCL/10	TB	pH<2
10	V01210911A10	L2148182-08,31,10,10,,A,PRI	NYTCL/10	FB	pH<2
11	V01210911A11	L2148182-07,31,10,10,,A,PRI	NYTCL/10		pH<2
12	V01210911A12	L2148182-06,31,10,10,,A,PRI	NYTCL/10		pH<2
13	V01210911A13	L2148182-05,31,10,10,,A,PRI	NYTCL/10		pH<2
14	V01210911A14	L2148182-04,31,10,10,,A,PRI	NYTCL/10		pH<2
15	V01210911A15	L2148182-03,31,10,10,,A,PRI	NYTCL/10		pH<2
16	V01210911A16	L2148182-02,31,10,10,,A,PRI	NYTCL/10		pH<2
17	V01210911A17	L2148182-01,31,10,10,,A,PRI	NYTCL/10		pH<2
18	V01210911A18	L2148190-02,31,10,10,,A,PRI	NYTCL		pH<2
19	V01210911A19	L2148190-03,31,10,10,,A,PRI	NYTCL		pH<2
20	V01210911A20	L2148190-01D,31,1.0,10,,A,PRI	NYTCL	FOAM	pH<2
21	V01210911A21	L2148190-05D,31,1.0,10,,A,PRI	NYTCL	FOAM	pH<2
22	V01210911A22	L2148190-04D,31,5.0,10,,A,PRI	NYTCL		pH<2
23	V01210911A23	L2148076-01,31,10,10,,A,PRI	NYTCL		pH<2
24	V01210911A24	L2148076-02,31,10,10,,A,PRI	NYTCL		pH<2
25	V01210911A25	L2148076-04,31,10,10,,A,PRI	NYTCL		pH<2
26	V01210911A26	L2148076-03,31,10,10,,A,PRI	NYTCL		pH<2
27	V01210911A27	L2148076-03MS,31,10,10,,A1,PRI	NYTCL		pH<2
28	V01210911A28	L2148076-03MSD,31,10,10,,A2,PRI	NYTCL		pH<2
29	V01210911A29	HSTD			
30	V01210911A30	BLK			
31	V01210911A31	BLK			

PFAAs

Semivolatiles QC Summary

Surrogate (Extracted Internal Standard) Recovery Summary
Form 2
Semivolatiles

Client: Soils Engineering Services, Inc.
Project Name: GROSSINGERS

Lab Number: L2148182
Project Number: 9313:11
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S1 ()	S2 ()	S3 ()	S4 ()	S5 ()	S6 ()	S7 ()
MW-201 (L2148182-01)	65	65	86	72	69	91	67
MW-203 (L2148182-02)	91	84	82	79	83	86	86
MW-210 (L2148182-03)	72	73	95	78	76	97	73
DUP (L2148182-04)	66	67	91	72	68	95	69
MW-213 (L2148182-05)	84	78	77	77	79	82	84
MW-216 (L2148182-06)	85	79	77	78	80	82	83
MW-217 (L2148182-07)	80	80	80	84	82	83	78
FB (L2148182-08)	96	103	96	105	99	96	94
WG1544839-1BLANK	97	98	101	111	99	102	93
WG1544839-2LCS	95	99	101	106	98	101	94
MW-03MS	70	70	87	66	71	91	69
MW-03MSD	74	73	91	71	75	95	75

QC LIMITS

(58-132) S1 = PERFLUORO[13C4]BUTANOIC ACID (MPFBA)
(62-163) S2 = PERFLUORO[13C5]PENTANOIC ACID (M5PFPEA)
(70-131) S3 = PERFLUORO[2,3,4-13C3]BUTANESULFONIC ACID (M3PFBS)
(57-129) S4 = PERFLUORO[1,2,3,4,6-13C5]HEXANOIC ACID (M5PFHXA)
(60-129) S5 = PERFLUORO[1,2,3,4-13C4]HEPTANOIC ACID (M4PFHPA)
(71-134) S6 = PERFLUORO[1,2,3-13C3]HEXANESULFONIC ACID (M3PFHXS)
(71-134) S7 = PERFLUORO[13C8]OCTANOIC ACID (M8PFOA)

*** Values outside of QC limits**

Surrogate (Extracted Internal Standard) Recovery Summary
Form 2
Semivolatiles

Client: Soils Engineering Services, Inc.
Project Name: GROSSINGERS

Lab Number: L2148182
Project Number: 9313:11
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S8 ()	S9 ()	S10 ()	S11 ()	S12 ()	S13 ()	S14 ()
MW-201 (L2148182-01)	92	71	91	71	82	47	74
MW-203 (L2148182-02)	170*	88	89	86	123	71	85
MW-210 (L2148182-03)	97	74	99	75	86	51	82
DUP (L2148182-04)	95	73	98	76	83	48	84
MW-213 (L2148182-05)	150*	87	86	84	101	62	83
MW-216 (L2148182-06)	130	81	86	80	91	59	76
MW-217 (L2148182-07)	97	77	85	77	81	59	77
FB (L2148182-08)	95	95	101	97	92	80	99
WG1544839-1BLANK	81	96	101	96	81	83	98
WG1544839-2LCS	92	96	100	92	82	80	97
MW-03MS	156*	71	88	70	99	49	69
MW-03MSD	164*	75	98	75	110	53	74

QC LIMITS

(14-147) S8 = 1H,1H,2H,2H-PERFLUORO[1,2-13C2]OCTANESULFONIC ACID (M2-6:2FTS)
(59-139) S9 = PERFLUORO[13C9]NONANOIC ACID (M9PFNA)
(69-131) S10 = PERFLUORO[13C8]OCTANESULFONIC ACID (M8PFOS)
(62-124) S11 = PERFLUORO[1,2,3,4,5,6-13C6]DECANOIC ACID (M6PFDA)
(10-162) S12 = 1H,1H,2H,2H-PERFLUORO[1,2-13C2]DECANESULFONIC ACID (M2-8:2FTS)
(24-116) S13 = N-DEUTERIOMETHYLPERFLUORO-1-OCTANESULFONAMIDOACETIC ACID (D3-NMEFOSAA)
(24-116) S14 = PERFLUORO[1,2,3,4,5,6,7-13C7]UNDECANOIC ACID (M7-PFUDA)

*** Values outside of QC limits**

Surrogate (Extracted Internal Standard) Recovery Summary
Form 2
Semivolatiles

Client: Soils Engineering Services, Inc.
Project Name: GROSSINGERS

Lab Number: L2148182
Project Number: 9313:11
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S15 ()	S16 ()	S17 ()	S18 ()	S19 ()	S20 ()	S21 ()	TOT OUT
MW-201 (L2148182-01)	19	46	68	65	--	--	--	0
MW-203 (L2148182-02)	37	74	76	68	--	--	--	1
MW-210 (L2148182-03)	27	52	72	72	--	--	--	0
DUP (L2148182-04)	17	58	74	65	--	--	--	0
MW-213 (L2148182-05)	29	76	70	61	--	--	--	1
MW-216 (L2148182-06)	18	75	67	58	--	--	--	0
MW-217 (L2148182-07)	16	60	72	60	--	--	--	0
FB (L2148182-08)	54	87	93	80	--	--	--	0
WG1544839-1BLANK	25	89	90	85	--	--	--	0
WG1544839-2LCS	18	83	84	81	--	--	--	0
MW-03MS	17	50	65	65	--	--	--	1
MW-03MSD	17	53	72	66	--	--	--	1

QC LIMITS

(10-112) S15 = PERFLUORO[13C8]OCTANESULFONAMIDE (M8FOSA)
(27-126) S16 = N-DEUTERIOETHYLPERFLUORO-1-OCTANESULFONAMIDOACETIC ACID (D5-NETFOSAA)
(48-131) S17 = PERFLUORO[1,2-13C2]DODECANOIC ACID (MPFDOA)
(22-136) S18 = PERFLUORO[1,2-13C2]TETRADECANOIC ACID (M2PFTEDA)

*** Values outside of QC limits**

FORM II A2-NY-537-ISOTOPE (Continued)

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Matrix	: WATER		
LCS Sample ID	: WG1544839-2	**Analysis Date** : 09/11/21 14:13	**File ID** : I46530
LCSD Sample ID	:	**Analysis Date** :	**File ID** :

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ng/l)	Found (ng/l)	%R	True (ng/l)	Found (ng/l)	%R	RPD	Recovery Limits	RPD Limit
Perfluorobutanoic Acid (PFBA)	40	39.4	98				-	67-148	30
Perfluoropentanoic Acid (PFPeA)	40	37.6	94				-	63-161	30
Perfluorobutanesulfonic Acid (PFBS)	35.5	34.9	98				-	65-157	30
Perfluorohexanoic Acid (PFHxA)	40	39.8	99				-	69-168	30
Perfluoroheptanoic Acid (PFHpA)	40	39.0	97				-	58-159	30
Perfluorohexanesulfonic Acid (PFHxS)	36.6	35.6	97				-	69-177	30
Perfluorooctanoic Acid (PFOA)	40	40.2	100				-	63-159	30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	38.1	40.6	107				-	49-187	30
Perfluoroheptanesulfonic Acid (PFHpS)	38.1	38.4	101				-	61-179	30
Perfluorononanoic Acid (PFNA)	40	38.2	96				-	68-171	30
Perfluorooctanesulfonic Acid (PFOS)	37.1	40.0	108				-	52-151	30
Perfluorodecanoic Acid (PFDA)	40	39.4	99				-	63-171	30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	38.4	47.9	125				-	56-173	30

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Matrix	: WATER		
LCS Sample ID	: WG1544839-2	**Analysis Date** : 09/11/21 14:13	**File ID** : I46530
LCSD Sample ID	:	**Analysis Date** :	**File ID** :

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ng/l)	Found (ng/l)	%R	True (ng/l)	Found (ng/l)	%R	RPD	Recovery Limits	RPD Limit
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	40	41.2	103				-	60-166	30
Perfluoroundecanoic Acid (PFUnA)	40	39.1	98				-	60-153	30
Perfluorodecanesulfonic Acid (PFDS)	38.6	40.5	105				-	38-156	30
Perfluorooctanesulfonamide (FOSA)	40	39.0	97				-	46-170	30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	40	39.8	100				-	45-170	30
Perfluorododecanoic Acid (PFDoA)	40	39.9	100				-	67-153	30
Perfluorotridecanoic Acid (PFTrDA)	40	49.2	123				-	48-158	30
Perfluorotetradecanoic Acid (PFTA)	40	40.4	101				-	59-182	30

Matrix Spike Sample Summary
Form 3
Semivolatiles

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Client Sample ID	: NA	**Matrix**	: WATER
Lab Sample ID	: NA	**Analysis Date**	: 09/11/21 16:09
Matrix Spike	: WG1544839-3	**MS Analysis Date**	: 09/11/21 16:25
Matrix Spike Dup	: WG1544839-4	**MSD Analysis Date**	: 09/11/21 16:42

		Matrix Spike Sample			Matrix Spike Duplicate						
Parameter	**Sample Conc. (ng/l)**	**Spike Added (ng/l)**	**Spike Conc. (ng/l)**	**%R**	**Spike Added (ng/l)**	**Spike Conc. (ng/l)**	**%R**	**RPD**		**Recovery Limits**	**RPD Limit**
Perfluorobutanoic Acid (PFBA)	4.76	36.7	40.3	97	35.6	39.2	97	3		67-148	30
Perfluoropentanoic Acid (PFPeA)	2.46	36.7	36.6	93	35.6	36.0	94	2		63-161	30
Perfluorobutanesulfonic Acid (PFBS)	4.28	32.6	35.9	97	31.7	35.3	98	2		65-157	30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	34.4	38.4	112	33.4	36.6	110	5		37-219	30
Perfluorohexanoic Acid (PFHxA)	4.24	36.7	39.5	96	35.6	37.9	94	4		69-168	30
Perfluoropentanesulfonic Acid (PFPeS)	0.444J	34.5	34.9	100	33.5	34.2	101	2		52-156	30
Perfluoroheptanoic Acid (PFHpA)	5.40	36.7	40.7	96	35.6	39.2	95	4		58-159	30
Perfluorohexanesulfonic Acid (PFHxS)	2.14	33.5	34.7	97	32.6	33.3	96	4		69-177	30
Perfluorooctanoic Acid (PFOA)	71.7	36.7	112	110	35.6	110	107	2		63-159	30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	23.1	34.9	59.0	103	33.9	42.5	57	33	Q	49-187	30
Perfluoroheptanesulfonic Acid (PFHpS)	0.906J	34.9	37.4	104	33.9	34.4	99	8		61-179	30
Perfluorononanoic Acid (PFNA)	1.04J	36.7	36.4	96	35.6	35.2	96	3		68-171	30
Perfluorooctanesulfonic Acid (PFOS)	32.4	34.1	69.0	107	33.1	65.7	101	5		52-151	30
Perfluorodecanoic Acid (PFDA)	ND	36.7	36.0	98	35.6	34.7	97	4		63-171	30
1H,1H,2H,2H-Perfluorodecanesulfon	ND	35.2	38.4	109	34.2	32.0	94	18		56-173	30

Matrix Spike Sample Summary
Form 3
Semivolatiles

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Client Sample ID	: NA	**Matrix**	: WATER
Lab Sample ID	: NA	**Analysis Date**	: 09/11/21 16:09
Matrix Spike	: WG1544839-3	**MS Analysis Date**	: 09/11/21 16:25
Matrix Spike Dup	: WG1544839-4	**MSD Analysis Date**	: 09/11/21 16:42

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ng/l)	Spike Added (ng/l)	Spike Conc. (ng/l)	%R	Spike Added (ng/l)	Spike Conc. (ng/l)	%R	RPD	Recovery Limits	RPD Limit
ic Acid (8:2FTS)										
Perfluorononanesulfonic Acid (PFNS)	ND	35.3	34.3	97	34.3	32.6	95	5	48-150	30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	36.7	37.9	103	35.6	32.9	92	14	60-166	30
Perfluoroundecanoic Acid (PFUnA)	ND	36.7	36.9	101	35.6	35.2	99	5	60-153	30
Perfluorodecanesulfonic Acid (PFDS)	ND	35.4	34.4	97	34.4	31.2	91	10	38-156	30
Perfluorooctanesulfonamide (FOSA)	ND	36.7	36.3	99	35.6	32.7	92	10	46-170	30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	36.7	35.3	96	35.6	35.8F	100	1	45-170	30
Perfluorododecanoic Acid (PFDoA)	ND	36.7	36.5	99	35.6	32.7	92	11	67-153	30
Perfluorotridecanoic Acid (PFTrDA)	ND	36.7	44.2	120	35.6	41.6	117	6	48-158	30
Perfluorotetradecanoic Acid (PFTA)	ND	36.7	37.9	103	35.6	36.4	102	4	59-182	30

Method Blank Summary
Form 4
Semivolatiles

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab Sample ID	: WG1544839-1	**Lab File ID**	: I46529
Instrument ID	: LCMS02	**Extraction Date**	: 09/10/21
Matrix	: WATER	**Analysis Date**	: 09/11/21 13:56
Level	: LOW		

Client Sample No.	Lab Sample ID	Analysis Date
WG1544839-2LCS	WG1544839-2	09/11/21 14:13
MW-03MS	WG1544839-3	09/11/21 16:25
MW-03MSD	WG1544839-4	09/11/21 16:42
MW-201	L2148182-01	09/11/21 17:31
MW-203	L2148182-02	09/11/21 18:05
MW-210	L2148182-03	09/11/21 18:21
DUP	L2148182-04	09/11/21 18:38
MW-213	L2148182-05	09/11/21 18:54
MW-216	L2148182-06	09/11/21 19:11
MW-217	L2148182-07	09/11/21 19:27
FB	L2148182-08	09/11/21 19:44

Date Created: 07/09/20
Created By: Jason Hebert
File: PM8786-1
Page: 1

PFAAs via LCMSMS-Isotope Dilution (WATER)

Holding Time: 14 days
Container/Sample Preservation: 1 - 2 Plastic/1 Plastic/1 H20 Plastic

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Perfluorobutanoic Acid (PFBA)	375-22-4	2	0.408	ng/l	67-148	30	67-148	30	30			
Perfluoropentanoic Acid (PFPeA)	2706-90-3	2	0.396	ng/l	63-161	30	63-161	30	30			
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	2	0.238	ng/l	65-157	30	65-157	30	30			
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	757124-72-4	2	0.452	ng/l	37-219	30	37-219	30	30			
Perfluorohexanoic Acid (PFHxA)	307-24-4	2	0.328	ng/l	69-168	30	69-168	30	30			
Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4	2	0.2452	ng/l	52-156	30	52-156	30	30			
Perfluoroheptanoic Acid (PFHpA)	375-85-9	2	0.2252	ng/l	58-159	30	58-159	30	30			
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	2	0.376	ng/l	69-177	30	69-177	30	30			
Perfluorooctanoic Acid (PFOA)	335-67-1	2	0.236	ng/l	63-159	30	63-159	30	30			
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2	2	1.332	ng/l	49-187	30	49-187	30	30			
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	2	0.688	ng/l	61-179	30	61-179	30	30			
Perfluorononanoic Acid (PFNA)	375-95-1	2	0.312	ng/l	68-171	30	68-171	30	30			
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	2	0.504	ng/l	52-151	30	52-151	30	30			
Perfluorodecanoic Acid (PFDA)	335-76-2	2	0.304	ng/l	63-171	30	63-171	30	30			
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4	2	1.212	ng/l	56-173	30	56-173	30	30			
Perfluorononanesulfonic Acid (PFNS)	68259-12-1	2	1.12	ng/l	48-150	30	48-150	30	30			
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSA	2355-31-9	2	0.648	ng/l	60-166	30	60-166	30	30			
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	2	0.26	ng/l	60-153	30	60-153	30	30			
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	2	0.98	ng/l	38-156	30	38-156	30	30			
Perfluorooctanesulfonamide (FOSA)	754-91-6	2	0.58	ng/l	46-170	30	46-170	30	30			
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	2	0.804	ng/l	45-170	30	45-170	30	30			
Perfluorododecanoic Acid (PFDoA)	307-55-1	2	0.372	ng/l	67-153	30	67-153	30	30			
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	2	0.3272	ng/l	48-158	30	48-158	30	30			
Perfluorotetradecanoic Acid (PFTA)	376-06-7	2	0.248	ng/l	59-182	30	59-182	30	30			
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Pr	13252-13-6	50	22.7	ng/l	50-150	30	50-150	30	30			
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	919005-14-4	2	0.336	ng/l	50-150	30	50-150	30	30			
Perfluorohexadecanoic Acid (PFHxDA)	67905-19-5	4	1.24	ng/l	50-150	30	50-150	30	30			
Perfluorooctadecanoic Acid (PFODA)	16517-11-6	4	1.148	ng/l	50-150	30	50-150	30	30			
Perfluorododecane Sulfonic Acid (PFDoDS)	79780-39-5	2	0.616	ng/l	50-150	30	50-150	30	30			
1H,1H,2H,2H-Perfluorododecanesulfonic Acid (10:2FTS)	120226-60-0	5	2.02	ng/l	50-150	30	50-150	30	30			
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF	756426-58-1	2	0.2768	ng/l	50-150	30	50-150	30	30			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl	763051-92-9	2	0.2932	ng/l	50-150	30	50-150	30	30			
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	31506-32-8	20	7.36	ng/l	50-150	30	50-150	30	30			
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	4151-50-2	20	6.64	ng/l	50-150	30	50-150	30	30			
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	24448-09-7	50	22.2	ng/l	50-150	30	50-150	30	30			
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	1691-99-2	50	22.52	ng/l	50-150	30	50-150	30	30			
Perfluoro[13C4]Butanoic Acid (MPFBA)	*NONE*									*2-156*		
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	*NONE*									*16-173*		
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	*NONE*									*31-159*		
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-	*NONE*									*1-313*		
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	*NONE*									*21-145*		
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	*NONE*									*30-139*		

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. ***(Soil/Solids only)***
Please Note that the information provided in this table is subject to change at anytime at the discretion of Alpha Analytical, Inc.

Date Created: 07/09/20
Created By: Jason Hebert
File: PM8786-1
Page: 2

PFAAs via LCMSMS-Isotope Dilution (WATER)

Holding Time: 14 days
Container/Sample Preservation: 1 - 2 Plastic/1 Plastic/1 H20 Plastic

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	*NONE*									*47-153*		
Perfluoro[13C8]Octanoic Acid (M8PFOA)	*NONE*									*36-149*		
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6	*NONE*									*1-244*		
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	*NONE*									*34-146*		
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	*NONE*									*42-146*		
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	*NONE*									*38-144*		
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8	*NONE*									*7-170*		
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid	*NONE*									*1-181*		
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	*NONE*									*40-144*		
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	*NONE*									*1-87*		
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d	*NONE*									*23-146*		
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	*NONE*									*24-161*		
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	*NONE*									*33-143*		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-13	*NONE*									*50-150*		
Perfluoro[13C2]Hexadecanoic Acid (M2PFHxDA)	*NONE*									*50-150*		
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (d3-NMeFOSA)	*NONE*									*50-150*		
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (d5-NEtFOSA)	*NONE*									*50-150*		
2-(N-Methyl-d3-Perfluoro-1-Octanesulfonamido)ethan-d4-ol	*1265205-95-5*									*50-150*		
2-(N-Ethyl-d5-Perfluoro-1-Octanesulfonamido)ethan-d4-ol (	*NONE*									*50-150*		

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. ***(Soil/Solids only)***
Please Note that the information provided in this table is subject to change at anytime at the discretion of Alpha Analytical, Inc.

Date Created: 07/09/20
Created By: Jason Hebert
File: PM8787-1
Page: 1

PFAAs via LCMSMS-Isotope Dilution (SOIL)

Holding Time: 14 days
Container/Sample Preservation: 1 - Plastic 8oz unpreserved

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Perfluorobutanoic Acid (PFBA)	375-22-4	1	0.0227	ng/g	71-135	30	71-135	30	30			
Perfluoropentanoic Acid (PFPeA)	2706-90-3	1	0.046	ng/g	69-132	30	69-132	30	30			
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	1	0.039	ng/g	72-128	30	72-128	30	30			
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	757124-72-4	1	0.0645	ng/g	62-145	30	62-145	30	30			
Perfluorohexanoic Acid (PFHxA)	307-24-4	1	0.0525	ng/g	70-132	30	70-132	30	30			
Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4	1	0.0835	ng/g	73-123	30	73-123	30	30			
Perfluoroheptanoic Acid (PFHpA)	375-85-9	1	0.0451	ng/g	71-131	30	71-131	30	30			
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	1	0.0605	ng/g	67-130	30	67-130	30	30			
Perfluorooctanoic Acid (PFOA)	335-67-1	1	0.0419	ng/g	69-133	30	69-133	30	30			
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2	1	0.1795	ng/g	64-140	30	64-140	30	30			
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	1	0.1365	ng/g	70-132	30	70-132	30	30			
Perfluorononanoic Acid (PFNA)	375-95-1	1	0.075	ng/g	72-129	30	72-129	30	30			
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	1	0.13	ng/g	68-136	30	68-136	30	30			
Perfluorodecanoic Acid (PFDA)	335-76-2	1	0.067	ng/g	69-133	30	69-133	30	30			
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4	1	0.287	ng/g	65-137	30	65-137	30	30			
Perfluorononanesulfonic Acid (PFNS)	68259-12-1	1	0.299	ng/g	69-125	30	69-125	30	30			
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSA	2355-31-9	1	0.2015	ng/g	63-144	30	63-144	30	30			
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	1	0.0468	ng/g	64-136	30	64-136	30	30			
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	1	0.153	ng/g	59-134	30	59-134	30	30			
Perfluorooctanesulfonamide (FOSA)	754-91-6	1	0.098	ng/g	67-137	30	67-137	30	30			
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	1	0.0845	ng/g	61-139	30	61-139	30	30			
Perfluorododecanoic Acid (PFDoA)	307-55-1	1	0.07	ng/g	69-135	30	69-135	30	30			
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	1	0.2045	ng/g	66-139	30	66-139	30	30			
Perfluorotetradecanoic Acid (PFTA)	376-06-7	1	0.054	ng/g	69-133	30	69-133	30	30			
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Pr	13252-13-6	10	3.81	ng/g	50-150	30	50-150	30	30			
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	919005-14-4	1	0.0413	ng/g	50-150	30	50-150	30	30			
Perfluorohexadecanoic Acid (PFHxDA)	67905-19-5	2	0.12	ng/g	50-150	30	50-150	30	30			
Perfluorooctadecanoic Acid (PFODA)	16517-11-6	2	0.171	ng/g	50-150	30	50-150	30	30			
Perfluorododecane Sulfonic Acid (PFDoDS)	79780-39-5	1	0.086	ng/g	50-150	30	50-150	30	30			
1H,1H,2H,2H-Perfluorododecanesulfonic Acid (10:2FTS)	120226-60-0	1	0.275	ng/g	50-150	30	50-150	30	30			
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF	756426-58-1	1	0.0374	ng/g	50-150	30	50-150	30	30			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl	763051-92-9	1	0.0388	ng/g	50-150	30	50-150	30	30			
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	31506-32-8	1	0.379	ng/g	50-150	30	50-150	30	30			
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	4151-50-2	1	0.407	ng/g	50-150	30	50-150	30	30			
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	24448-09-7	2	0.52	ng/g	50-150	30	50-150	30	30			
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	1691-99-2	2	0.73	ng/g	50-150	30	50-150	30	30			
Perfluoro[13C4]Butanoic Acid (MPFBA)	*NONE*									*60-153*		
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	*NONE*									*65-182*		
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	*NONE*									*70-151*		
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-	*NONE*									*56-138*		
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	*NONE*									*61-147*		
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	*NONE*									*62-149*		

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. ***(Soil/Solids only)***
Please Note that the information provided in this table is subject to change at anytime at the discretion of Alpha Analytical, Inc.

Date Created: 07/09/20
Created By: Jason Hebert
File: PM8787-1
Page: 2

PFAAs via LCMSMS-Isotope Dilution (SOIL)

Holding Time: 14 days
Container/Sample Preservation: 1 - Plastic 8oz unpreserved

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	*NONE*									*63-166*		
Perfluoro[13C8]Octanoic Acid (M8PFOA)	*NONE*									*62-152*		
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6	*NONE*									*32-182*		
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	*NONE*									*61-154*		
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	*NONE*									*65-151*		
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	*NONE*									*65-150*		
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8	*NONE*									*25-186*		
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid	*NONE*									*45-137*		
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	*NONE*									*64-158*		
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	*NONE*									*1-125*		
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d	*NONE*									*42-136*		
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	*NONE*									*56-148*		
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	*NONE*									*26-160*		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-13	*NONE*									*50-150*		
Perfluoro[13C2]Hexadecanoic Acid (M2PFHxDA)	*NONE*									*50-150*		
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (d3-NMeFOSA)	*NONE*									*50-150*		
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (d5-NEtFOSA)	*NONE*									*50-150*		
2-(N-Methyl-d3-Perfluoro-1-Octanesulfonamido)ethan-d4-ol	*1265205-95-5*									*50-150*		
2-(N-Ethyl-d5-Perfluoro-1-Octanesulfonamido)ethan-d4-ol (	*NONE*									*50-150*		

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. ***(Soil/Solids only)***
Please Note that the information provided in this table is subject to change at anytime at the discretion of Alpha Analytical, Inc.

Semivolatile Sample Data

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-01	**Date Collected**	: 09/08/21 12:00
Client ID	: MW-201	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 17:31
Sample Matrix	: WATER	**Date Extracted**	: 09/10/21
Analytical Method	: 134,LCMSMS-ID	**Dilution Factor**	: 1
Lab File ID	: I46542	**Analyst**	: SG
Sample Amount	: 274.03 g	**Instrument ID**	: LCMS02
Extraction Method	: ALPHA 23528	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	1.82	0.372	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	1.82	0.361	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	1.82	0.217	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	1.82	0.299	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	1.82	0.205	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	1.82	0.343	U
335-67-1	Perfluorooctanoic Acid (PFOA)	0.763	1.82	0.215	J
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.82	1.22	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.82	0.628	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.82	0.285	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	0.733	1.82	0.460	J
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.82	0.277	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.82	1.10	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.82	0.591	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.82	0.237	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.82	0.894	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.82	0.529	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.82	0.733	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-01	**Date Collected**	: 09/08/21 12:00
Client ID	: MW-201	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 17:31
Sample Matrix	: WATER	**Date Extracted**	: 09/10/21
Analytical Method	: 134,LCMSMS-ID	**Dilution Factor**	: 1
Lab File ID	: I46542	**Analyst**	: SG
Sample Amount	: 274.03 g	**Instrument ID**	: LCMS02
Extraction Method	: ALPHA 23528	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.82	0.339	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.82	0.298	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.82	0.226	U
NONE	PFOA/PFOS, Total	1.50	1.82	0.215	J

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-02	**Date Collected**	: 09/08/21 12:45
Client ID	: MW-203	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 18:05
Sample Matrix	: WATER	**Date Extracted**	: 09/10/21
Analytical Method	: 134,LCMSMS-ID	**Dilution Factor**	: 1
Lab File ID	: I46544	**Analyst**	: SG
Sample Amount	: 288.27 g	**Instrument ID**	: LCMS02
Extraction Method	: ALPHA 23528	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	1.73	0.354	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	1.05	1.73	0.343	J
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	0.725	1.73	0.206	J
307-24-4	Perfluorohexanoic Acid (PFHxA)	0.812	1.73	0.284	J
375-85-9	Perfluoroheptanoic Acid (PFHpA)	0.770	1.73	0.195	J
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	1.27	1.73	0.326	J
335-67-1	Perfluorooctanoic Acid (PFOA)	3.28	1.73	0.205	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.73	1.16	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.73	0.597	U
375-95-1	Perfluorononanoic Acid (PFNA)	0.538	1.73	0.270	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	18.0	1.73	0.437	
335-76-2	Perfluorodecanoic Acid (PFDA)	0.295	1.73	0.264	J
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.73	1.05	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.73	0.562	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.73	0.225	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.73	0.850	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	0.853	1.73	0.503	JF
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	4.14	1.73	0.697	F

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-02	**Date Collected**	: 09/08/21 12:45
Client ID	: MW-203	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 18:05
Sample Matrix	: WATER	**Date Extracted**	: 09/10/21
Analytical Method	: 134,LCMSMS-ID	**Dilution Factor**	: 1
Lab File ID	: I46544	**Analyst**	: SG
Sample Amount	: 288.27 g	**Instrument ID**	: LCMS02
Extraction Method	: ALPHA 23528	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.73	0.323	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.73	0.284	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.73	0.215	U
NONE	PFOA/PFOS, Total	21.3	1.73	0.205	

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-03	**Date Collected**	: 09/08/21 10:30
Client ID	: MW-210	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 18:21
Sample Matrix	: WATER	**Date Extracted**	: 09/10/21
Analytical Method	: 134,LCMSMS-ID	**Dilution Factor**	: 1
Lab File ID	: I46545	**Analyst**	: SG
Sample Amount	: 272.73 g	**Instrument ID**	: LCMS02
Extraction Method	: ALPHA 23528	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
375-22-4	Perfluorobutanoic Acid (PFBA)	1.64	1.83	0.374	J
2706-90-3	Perfluoropentanoic Acid (PFPeA)	0.939	1.83	0.363	J
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	1.21	1.83	0.218	J
307-24-4	Perfluorohexanoic Acid (PFHxA)	1.07	1.83	0.301	J
375-85-9	Perfluoroheptanoic Acid (PFHpA)	0.854	1.83	0.206	J
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	1.34	1.83	0.345	J
335-67-1	Perfluorooctanoic Acid (PFOA)	3.05	1.83	0.216	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.83	1.22	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.83	0.631	U
375-95-1	Perfluorononanoic Acid (PFNA)	0.319	1.83	0.286	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	6.38	1.83	0.462	
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.83	0.279	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.83	1.11	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.83	0.594	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.83	0.238	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.83	0.898	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.83	0.532	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.83	0.737	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-03	**Date Collected**	: 09/08/21 10:30
Client ID	: MW-210	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 18:21
Sample Matrix	: WATER	**Date Extracted**	: 09/10/21
Analytical Method	: 134,LCMSMS-ID	**Dilution Factor**	: 1
Lab File ID	: I46545	**Analyst**	: SG
Sample Amount	: 272.73 g	**Instrument ID**	: LCMS02
Extraction Method	: ALPHA 23528	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.83	0.341	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.83	0.300	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.83	0.227	U
NONE	PFOA/PFOS, Total	9.43	1.83	0.216	

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-04	**Date Collected**	: 09/08/21 00:00
Client ID	: DUP	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 18:38
Sample Matrix	: WATER	**Date Extracted**	: 09/10/21
Analytical Method	: 134,LCMSMS-ID	**Dilution Factor**	: 1
Lab File ID	: I46546	**Analyst**	: SG
Sample Amount	: 267.62 g	**Instrument ID**	: LCMS02
Extraction Method	: ALPHA 23528	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
375-22-4	Perfluorobutanoic Acid (PFBA)	1.60	1.87	0.381	J
2706-90-3	Perfluoropentanoic Acid (PFPeA)	1.04	1.87	0.370	J
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	1.28	1.87	0.222	J
307-24-4	Perfluorohexanoic Acid (PFHxA)	1.08	1.87	0.306	J
375-85-9	Perfluoroheptanoic Acid (PFHpA)	0.844	1.87	0.210	J
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	1.25	1.87	0.351	J
335-67-1	Perfluorooctanoic Acid (PFOA)	2.81	1.87	0.220	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.87	1.24	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.87	0.643	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.87	0.291	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	6.68	1.87	0.471	
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.87	0.284	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.87	1.13	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.87	0.605	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.87	0.243	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.87	0.915	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.87	0.542	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.87	0.751	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-04	**Date Collected**	: 09/08/21 00:00
Client ID	: DUP	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 18:38
Sample Matrix	: WATER	**Date Extracted**	: 09/10/21
Analytical Method	: 134,LCMSMS-ID	**Dilution Factor**	: 1
Lab File ID	: I46546	**Analyst**	: SG
Sample Amount	: 267.62 g	**Instrument ID**	: LCMS02
Extraction Method	: ALPHA 23528	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.87	0.348	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.87	0.306	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.87	0.232	U
NONE	PFOA/PFOS, Total	9.49	1.87	0.220	

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-05	**Date Collected**	: 09/08/21 13:30
Client ID	: MW-213	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 18:54
Sample Matrix	: WATER	**Date Extracted**	: 09/10/21
Analytical Method	: 134,LCMSMS-ID	**Dilution Factor**	: 1
Lab File ID	: I46547	**Analyst**	: SG
Sample Amount	: 285.04 g	**Instrument ID**	: LCMS02
Extraction Method	: ALPHA 23528	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
375-22-4	Perfluorobutanoic Acid (PFBA)	8.49	1.75	0.358	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	6.09	1.75	0.347	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	2.46	1.75	0.209	
307-24-4	Perfluorohexanoic Acid (PFHxA)	7.58	1.75	0.288	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	5.37	1.75	0.198	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	5.95	1.75	0.330	
335-67-1	Perfluorooctanoic Acid (PFOA)	24.0	1.75	0.207	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	13.6	1.75	1.17	
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	1.01	1.75	0.603	J
375-95-1	Perfluorononanoic Acid (PFNA)	1.98	1.75	0.274	
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	64.1	1.75	0.442	
335-76-2	Perfluorodecanoic Acid (PFDA)	1.17	1.75	0.267	J
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.75	1.06	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.75	0.568	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.75	0.228	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.75	0.860	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	1.05	1.75	0.509	JF
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	1.29	1.75	0.705	JF

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-05	**Date Collected**	: 09/08/21 13:30
Client ID	: MW-213	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 18:54
Sample Matrix	: WATER	**Date Extracted**	: 09/10/21
Analytical Method	: 134,LCMSMS-ID	**Dilution Factor**	: 1
Lab File ID	: I46547	**Analyst**	: SG
Sample Amount	: 285.04 g	**Instrument ID**	: LCMS02
Extraction Method	: ALPHA 23528	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.75	0.326	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.75	0.287	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.75	0.218	U
NONE	PFOA/PFOS, Total	88.1	1.75	0.207	

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-06	**Date Collected**	: 09/08/21 11:50
Client ID	: MW-216	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 19:11
Sample Matrix	: WATER	**Date Extracted**	: 09/10/21
Analytical Method	: 134,LCMSMS-ID	**Dilution Factor**	: 1
Lab File ID	: I46548	**Analyst**	: SG
Sample Amount	: 280.12 g	**Instrument ID**	: LCMS02
Extraction Method	: ALPHA 23528	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
375-22-4	Perfluorobutanoic Acid (PFBA)	7.11	1.78	0.364	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	4.29	1.78	0.353	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	1.48	1.78	0.212	J
307-24-4	Perfluorohexanoic Acid (PFHxA)	4.44	1.78	0.293	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	2.68	1.78	0.201	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	2.88	1.78	0.336	
335-67-1	Perfluorooctanoic Acid (PFOA)	11.7	1.78	0.211	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	28.4	1.78	1.19	
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.78	0.614	U
375-95-1	Perfluorononanoic Acid (PFNA)	0.700	1.78	0.278	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	20.8	1.78	0.450	
335-76-2	Perfluorodecanoic Acid (PFDA)	0.286	1.78	0.271	JF
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.78	1.08	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.78	0.578	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.78	0.232	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.78	0.875	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.78	0.518	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.78	0.718	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-06	**Date Collected**	: 09/08/21 11:50
Client ID	: MW-216	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 19:11
Sample Matrix	: WATER	**Date Extracted**	: 09/10/21
Analytical Method	: 134,LCMSMS-ID	**Dilution Factor**	: 1
Lab File ID	: I46548	**Analyst**	: SG
Sample Amount	: 280.12 g	**Instrument ID**	: LCMS02
Extraction Method	: ALPHA 23528	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.78	0.332	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.78	0.292	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.78	0.221	U
NONE	PFOA/PFOS, Total	32.5	1.78	0.211	

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-07	**Date Collected**	: 09/08/21 10:45
Client ID	: MW-217	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 19:27
Sample Matrix	: WATER	**Date Extracted**	: 09/10/21
Analytical Method	: 134,LCMSMS-ID	**Dilution Factor**	: 1
Lab File ID	: I46549	**Analyst**	: SG
Sample Amount	: 284.12 g	**Instrument ID**	: LCMS02
Extraction Method	: ALPHA 23528	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
375-22-4	Perfluorobutanoic Acid (PFBA)	6.43	1.76	0.359	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	3.15	1.76	0.348	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	3.78	1.76	0.209	
307-24-4	Perfluorohexanoic Acid (PFHxA)	5.25	1.76	0.289	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	3.75	1.76	0.198	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	6.05	1.76	0.331	
335-67-1	Perfluorooctanoic Acid (PFOA)	21.4	1.76	0.208	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	26.9	1.76	1.17	
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	0.978	1.76	0.605	J
375-95-1	Perfluorononanoic Acid (PFNA)	0.887	1.76	0.274	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	38.6	1.76	0.443	
335-76-2	Perfluorodecanoic Acid (PFDA)	0.303	1.76	0.267	J
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.76	1.07	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.76	0.570	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.76	0.229	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.76	0.862	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.76	0.510	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.76	0.707	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-07	**Date Collected**	: 09/08/21 10:45
Client ID	: MW-217	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 19:27
Sample Matrix	: WATER	**Date Extracted**	: 09/10/21
Analytical Method	: 134,LCMSMS-ID	**Dilution Factor**	: 1
Lab File ID	: I46549	**Analyst**	: SG
Sample Amount	: 284.12 g	**Instrument ID**	: LCMS02
Extraction Method	: ALPHA 23528	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.76	0.327	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.76	0.288	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.76	0.218	U
NONE	PFOA/PFOS, Total	60.0	1.76	0.208	

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-08	**Date Collected**	: 09/08/21 13:00
Client ID	: FB	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 19:44
Sample Matrix	: WATER	**Date Extracted**	: 09/10/21
Analytical Method	: 134,LCMSMS-ID	**Dilution Factor**	: 1
Lab File ID	: I46550	**Analyst**	: SG
Sample Amount	: 286.73 g	**Instrument ID**	: LCMS02
Extraction Method	: ALPHA 23528	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	1.74	0.356	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	1.74	0.345	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	1.74	0.208	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	1.74	0.286	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	1.74	0.196	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	1.74	0.328	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	1.74	0.206	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.74	1.16	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.74	0.600	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.74	0.272	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	1.74	0.439	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.74	0.265	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.74	1.06	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.74	0.565	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.74	0.227	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.74	0.854	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.74	0.506	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.74	0.701	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148182-08	**Date Collected**	: 09/08/21 13:00
Client ID	: FB	**Date Received**	: 09/08/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/11/21 19:44
Sample Matrix	: WATER	**Date Extracted**	: 09/10/21
Analytical Method	: 134,LCMSMS-ID	**Dilution Factor**	: 1
Lab File ID	: I46550	**Analyst**	: SG
Sample Amount	: 286.73 g	**Instrument ID**	: LCMS02
Extraction Method	: ALPHA 23528	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.74	0.324	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.74	0.285	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.74	0.216	U
NONE	PFOA/PFOS, Total	ND	1.74	0.206	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: WG1544839-1	**Date Collected**	: NA
Client ID	: WG1544839-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 09/11/21 13:56
Sample Matrix	: WATER	**Date Extracted**	: 09/10/21
Analytical Method	: 134,LCMSMS-ID	**Dilution Factor**	: 1
Lab File ID	: I46529	**Analyst**	: SG
Sample Amount	: 250 g	**Instrument ID**	: LCMS02
Extraction Method	: ALPHA 23528	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	2.00	0.408	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	2.00	0.396	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	2.00	0.238	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	2.00	0.328	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	2.00	0.225	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	2.00	0.376	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	2.00	0.236	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	2.00	1.33	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	2.00	0.688	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	2.00	0.312	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	2.00	0.504	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	2.00	0.304	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	2.00	1.21	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	2.00	0.648	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	2.00	0.260	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	2.00	0.980	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	2.00	0.580	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	2.00	0.804	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: WG1544839-1	**Date Collected**	: NA
Client ID	: WG1544839-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 09/11/21 13:56
Sample Matrix	: WATER	**Date Extracted**	: 09/10/21
Analytical Method	: 134,LCMSMS-ID	**Dilution Factor**	: 1
Lab File ID	: I46529	**Analyst**	: SG
Sample Amount	: 250 g	**Instrument ID**	: LCMS02
Extraction Method	: ALPHA 23528	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	2.00	0.372	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	2.00	0.327	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	2.00	0.248	U
NONE	PFOA/PFOS, Total	ND	2.00	0.236	U

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:52 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210911_537.PRO\MethDB\537ISO_Q_210625_TOP_RT2.mdb 03 Sep 2021 08:44:20
Calibration: C:\MassLynx\Data\2021\210911_537.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

ID: L2148182-01
Name: I46542
Date: 11-Sep-2021
Time: 17:31:58
Description: WG1545307,WG1544839,ICAL18098
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:SG
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.08	213.032 > 169.022	252		0.076		na	
2	M3PFBA	INT STD	2.09	216.009 > 171.999	53019		10.099		na	101.0
3	MPFBA	INT STD	2.09	217.001 > 171.999	37081		6.505		na	65.0
4	PFPeA	2706-90-3	4.95	263.039 > 219.03	346	M4	0.090		na	
5	M5PFPEA	INT STD	4.96	268.001 > 222.999	40874		6.534		na	65.3
6	PFBS	375-73-5		299.092 > 80.062			ND		YES	
7	M3PFBS	INT STD	5.60	302.069 > 80.062	10796		7.968		na	79.7
8	4:2FTS	757124-72-4		327.146 > 307.139			ND		YES	
9	M2-4:2FTS	INT STD	6.77	329.13 > 309.124	5984		11.022		na	110.2
10	PFHxA	307-24-4		313.047 > 269.037			ND		YES	
11	M5PFHxA	INT STD	6.85	318.009 > 273.007	44668		7.236		na	72.4
12	PFPeS	2706-91-4		349.1 > 80.062			ND		YES	
13	PFHpA	375-85-9	8.11	363.055 > 319.045	308	M4,M7	0.048	5.95	NO	
14	M4PFHpA	INT STD	8.12	367.025 > 322.022	63777		6.930		na	69.3
15	br-PFHxS	355-46-4		399.107 > 80.062			ND		YES	
16	L-PFHxS	355-46-4	8.27	399.107 > 80.062	23	M7	0.016	0.66	YES	
17	PFHxS	355-46-4		399.107 > 80.062	23		0.016		na	
18	M3PFHxS	INT STD	8.28	402.084 > 80.062	13193		8.587		na	85.9
19	br-PFOA	335-67-1	8.84	413.063 > 369.053	223	M5,M7	0.034	2.86	NO	
20	L-PFOA	335-67-1	9.06	413.063 > 369.053	1165		0.176	11.65	NO	
21	PFOA	335-67-1		413.063 > 369.053	1388		0.209		na	
22	M8PFOA	INT STD	9.06	421.002 > 376.	68889		6.721		na	67.2
23	M2PFOA	INT STD	9.06	415.048 > 370.045	100957		9.532		na	95.3
24	6:2FTS	27619-97-2	9.02	427.161 > 407.155	9	M4,M7	0.019	2.68	NO	
25	M2-6:2FTS	INT STD	9.02	429.146 > 409.14	4876		8.748		na	87.5
26	PFHpS	375-92-8		449.115 > 80.062			ND		YES	
27	PFNA	375-95-1	9.82	463.071 > 419.061	186	M4,M7	0.036	5.94	YES	
28	M9PFNA	INT STD	9.82	472.002 > 427.	20796		7.064		na	70.6
29	br-PFOS	1763-23-1	9.61	499.123 > 80.062	187	M5,M7	0.144	2.79	NO	
30	L-PFOS	1763-23-1	9.87	499.123 > 80.062	61	M7	0.058	1.31	NO	
31	PFOS	1763-23-1		499.123 > 80.062	249		0.201		na	
32	M4PFOS	INT STD	9.87	503.093 > 80.062	12280		10.850		na	108.5
33	M8PFOS	INT STD	9.87	507.062 > 80.062	12038		8.748		na	87.5
34	PFDA	335-76-2	10.45	513.078 > 469.069	67	M4,M7	0.014	3.71	NO	
35	M2PFDA	INT STD	10.45	515.053 > 469.934	61773		10.126		na	101.3
36	M6PFDA	INT STD	10.45	519.033 > 474.03	49868		7.112		na	71.1
37	8:2FTS	39108-34-4		527.177 > 507.171			ND		YES	
38	M2-8:2FTS	INT STD	10.45	529.162 > 509.155	3234		7.892		na	78.9
39	PFNS	68259-12-1		549.131 > 80.062			ND		YES	

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:52 Eastern Daylight Time

ID: L2148182-01
Name: I46542
Date: 11-Sep-2021
Time: 17:31:58
Description: WG1545307,WG1544839,ICAL18098
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:SG
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.84	573.22 > 419.061	3133		4.741		na	47.4
41	br-NMeFOSAA			570.202 > 419.061			ND		YES	
42	L-NMeFOSAA			570.202 > 419.061			ND		YES	
43	NMeFOSAA	2355-31-9		570.202 > 419.061	0		ND		na	
44	PFUnA	2058-94-8		563.086 > 519.076			ND		YES	
45	M7-PFUDA	INT STD	11.00	570.033 > 525.031	48363		7.396		na	74.0
46	PFDS	335-77-3		599.139 > 80.062			ND		YES	
47	FOSA	754-91-6		498.146 > 78.07			ND		YES	
48	M8FOSA	INT STD	10.92	506.077 > 78.07	7341		1.934		na	19.3
49	br-NEtFOSAA			584.229 > 419.061			ND		YES	
50	L-NEtFOSAA			584.229 > 419.061			ND		YES	
51	NEtFOSAA	2991-50-6		584.229 > 419.061	0		ND		na	
52	d5-NEtFOSAA	INT STD	11.13	589.259 > 419.061	2538		4.648		na	46.5
53	PFDoA	307-55-1		613.094 > 569.084			ND		YES	
54	MPFDOA	INT STD	11.47	615.079 > 570.077	42788		6.783		na	67.8
55	PFTrDA	72629-94-8		663.102 > 619.092			ND		YES	
56	PFTA	376-06-7		713.11 > 669.1			ND		YES	
57	M2PFTEDA	INT STD	12.26	715.094 > 670.092	12910		6.524		na	65.2

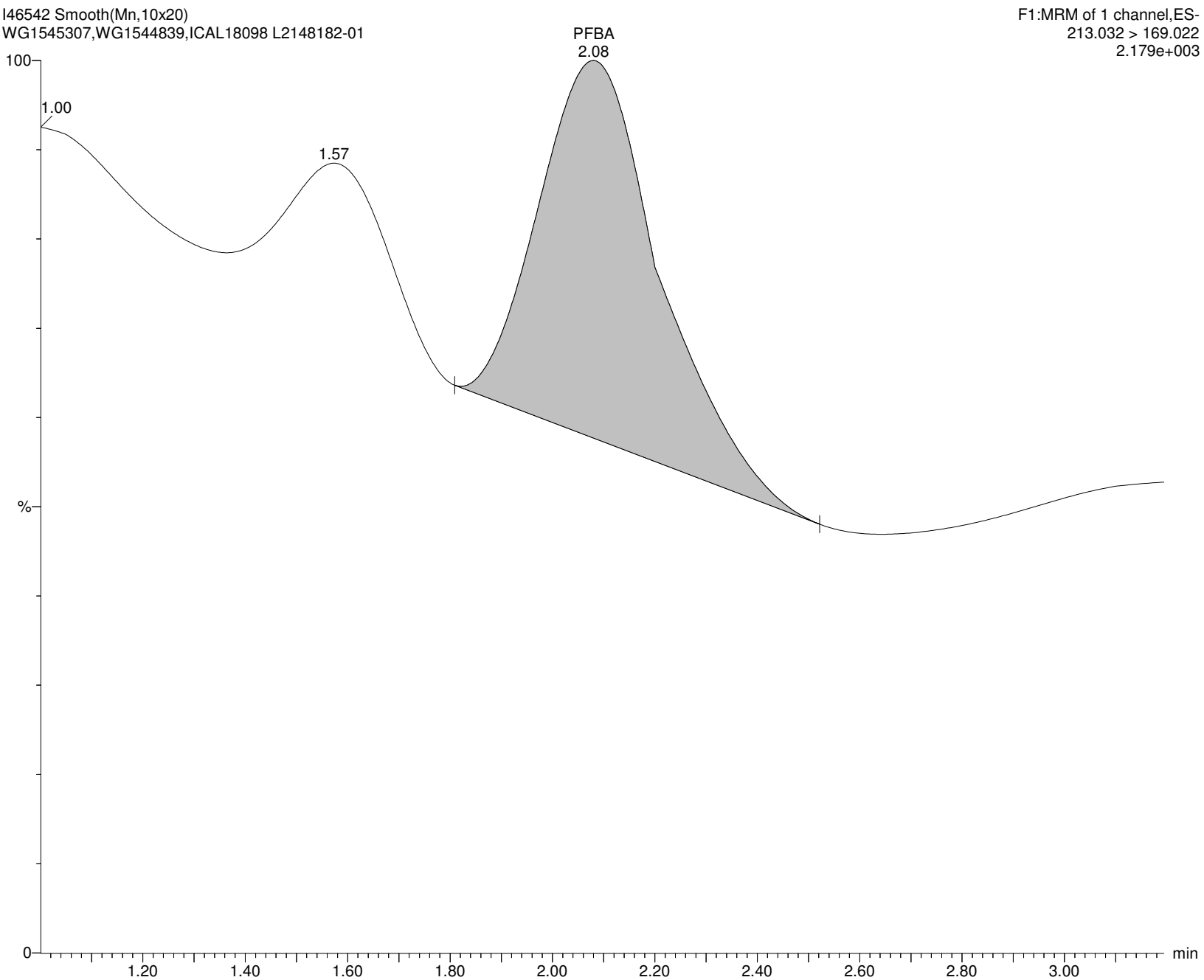
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:52 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210911_537.PRO\MethDB\537ISO_Q_210625_TOP_RT2.mdb 03 Sep 2021 08:44:20
Calibration: C:\MassLynx\Data\2021\210911_537.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

Name: I46542
ID: L2148182-01
Date: 11-Sep-2021
Time: 17:31:58
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBA

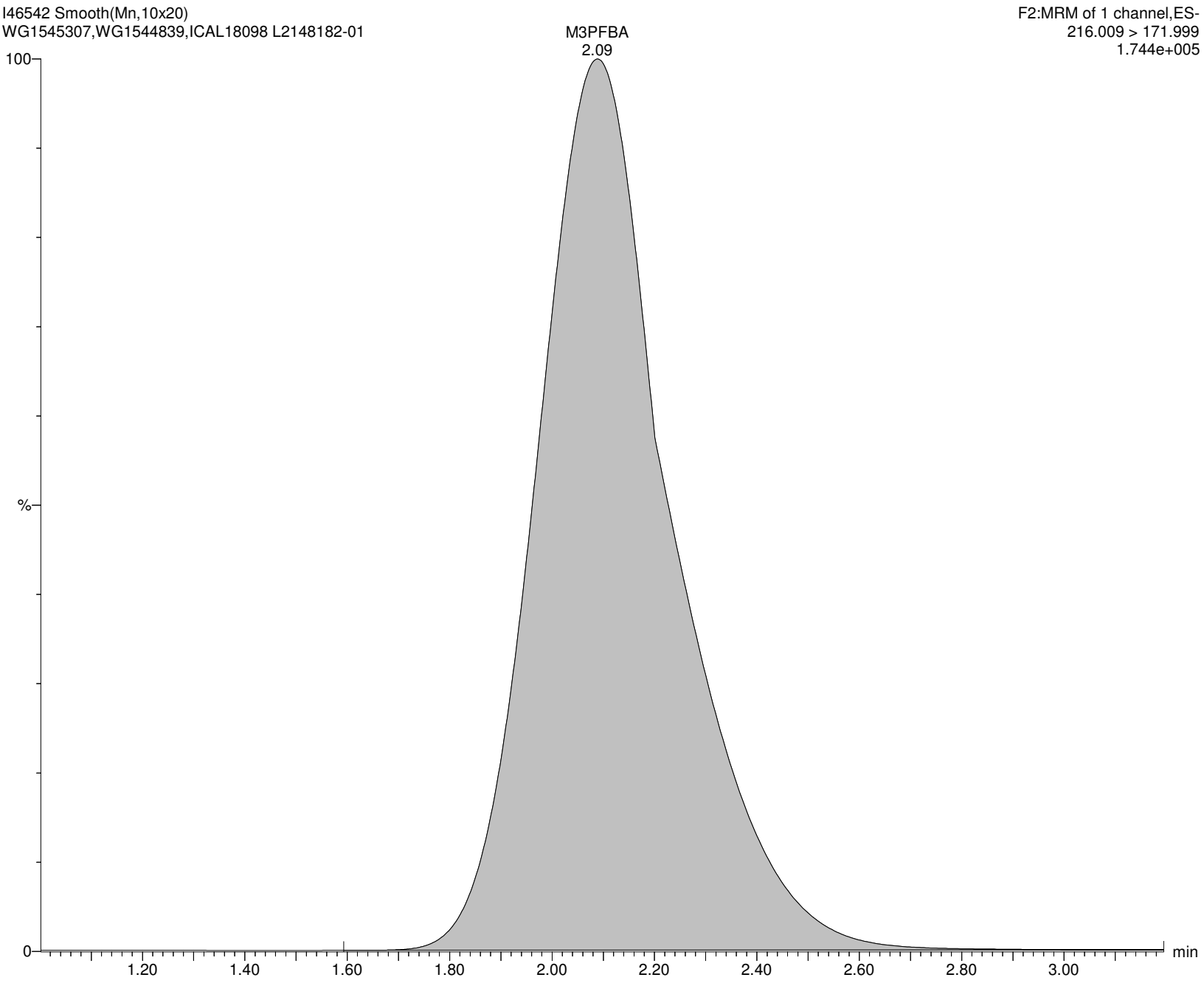


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:52 Eastern Daylight Time

Name: I46542
ID: L2148182-01
Date: 11-Sep-2021
Time: 17:31:58
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBA

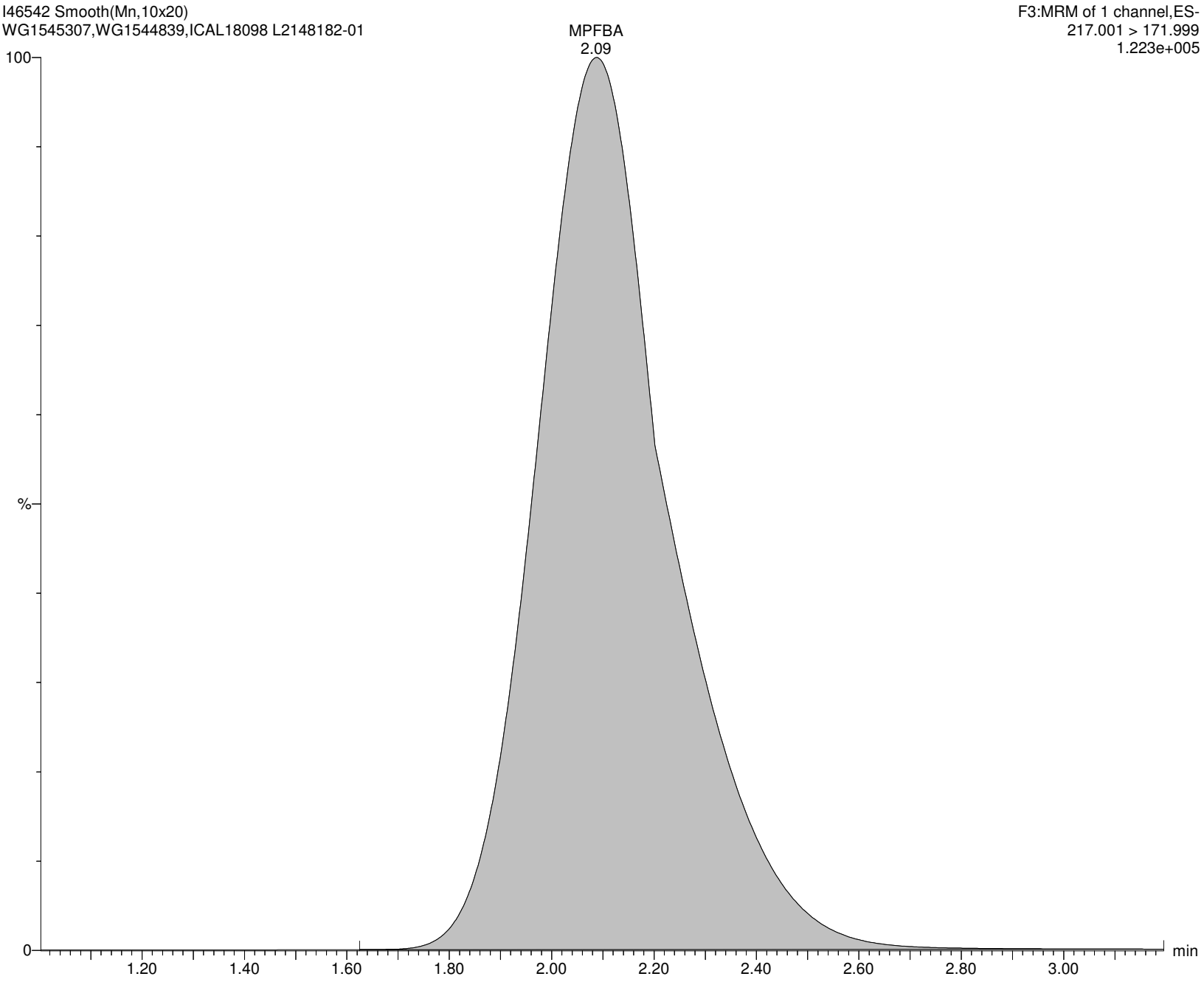


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:52 Eastern Daylight Time

Name: I46542
ID: L2148182-01
Date: 11-Sep-2021
Time: 17:31:58
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFBA

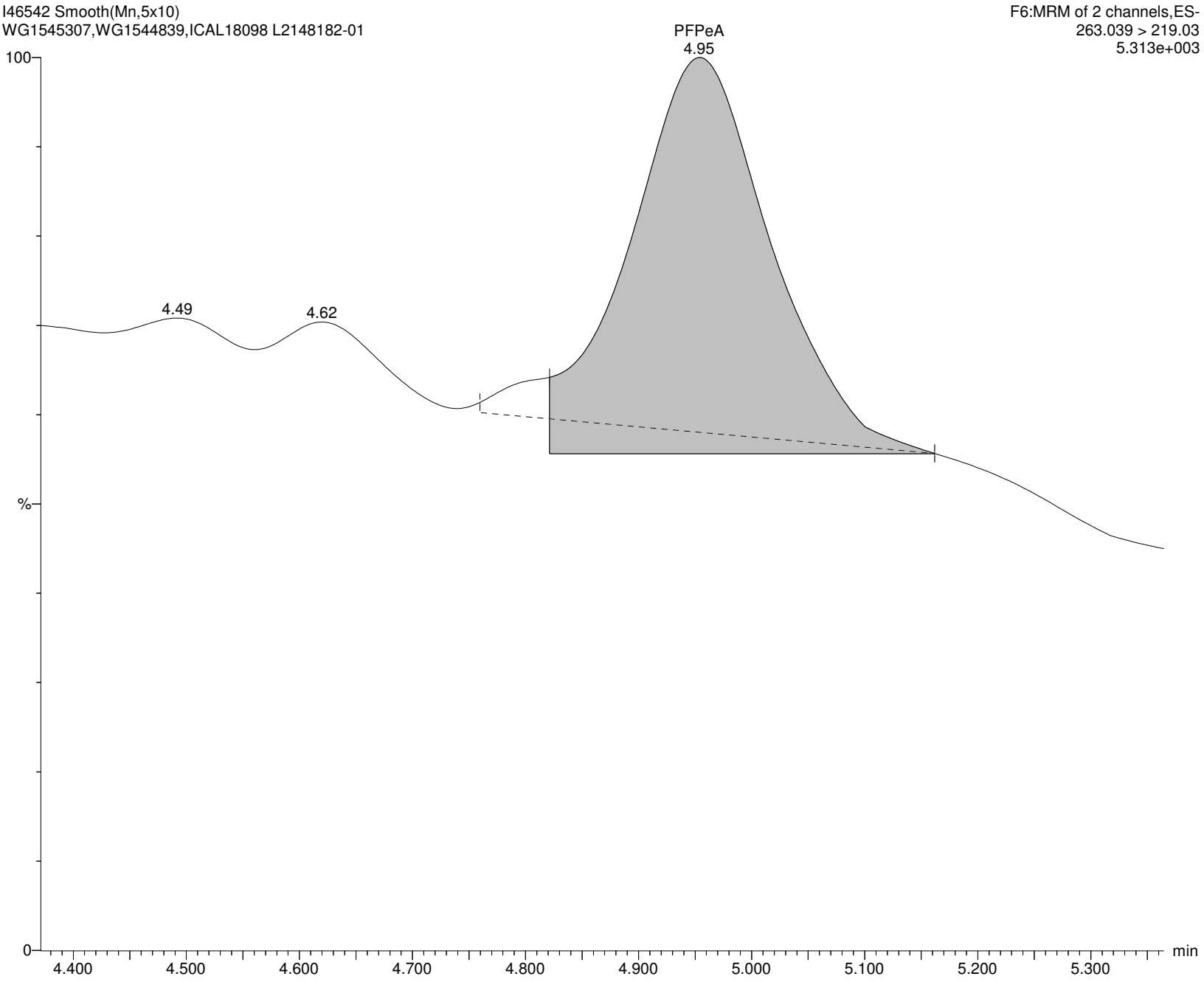


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:52 Eastern Daylight Time

Name: I46542
ID: L2148182-01
Date: 11-Sep-2021
Time: 17:31:58
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeA

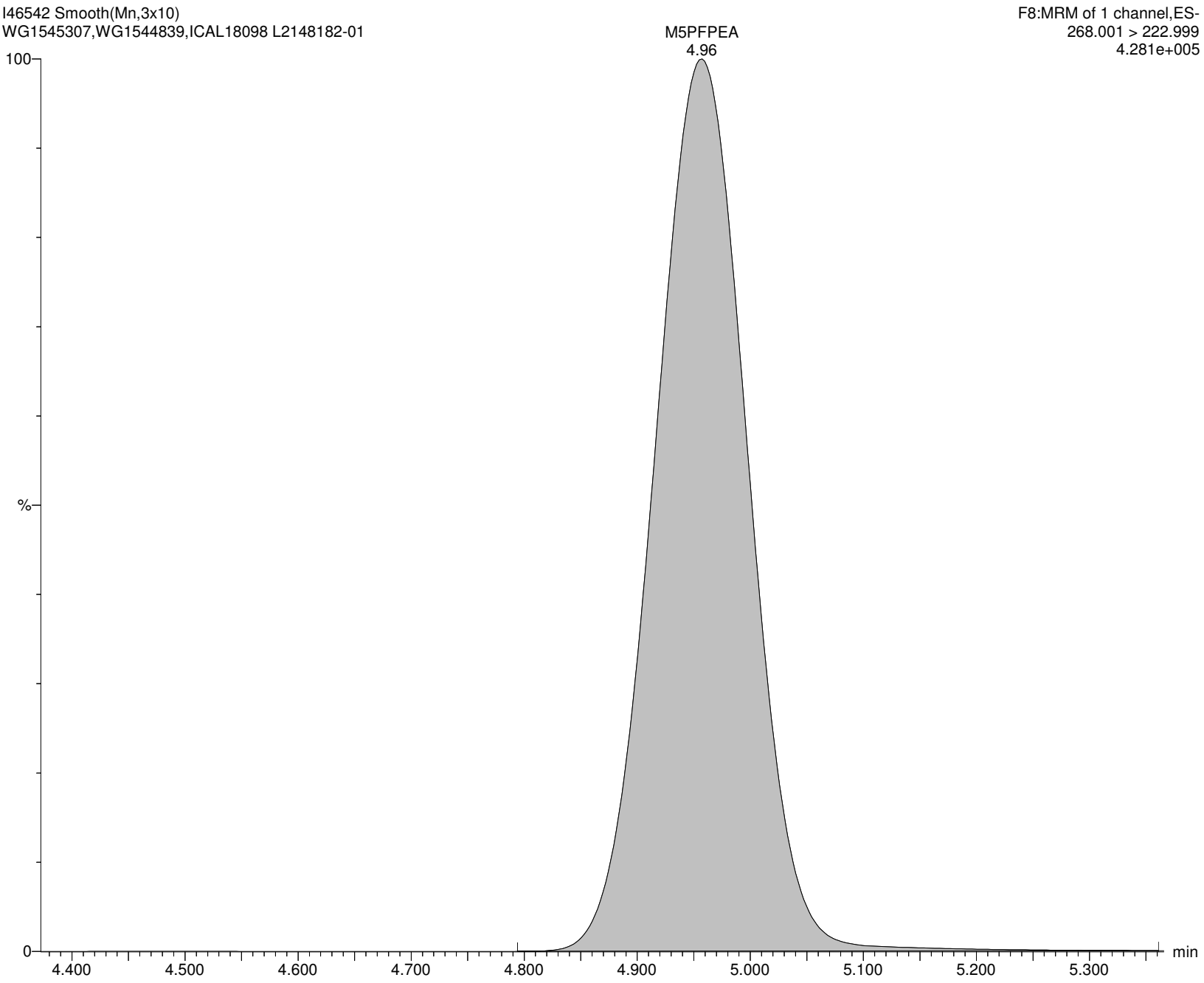


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:52 Eastern Daylight Time

Name: I46542
ID: L2148182-01
Date: 11-Sep-2021
Time: 17:31:58
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFPEA

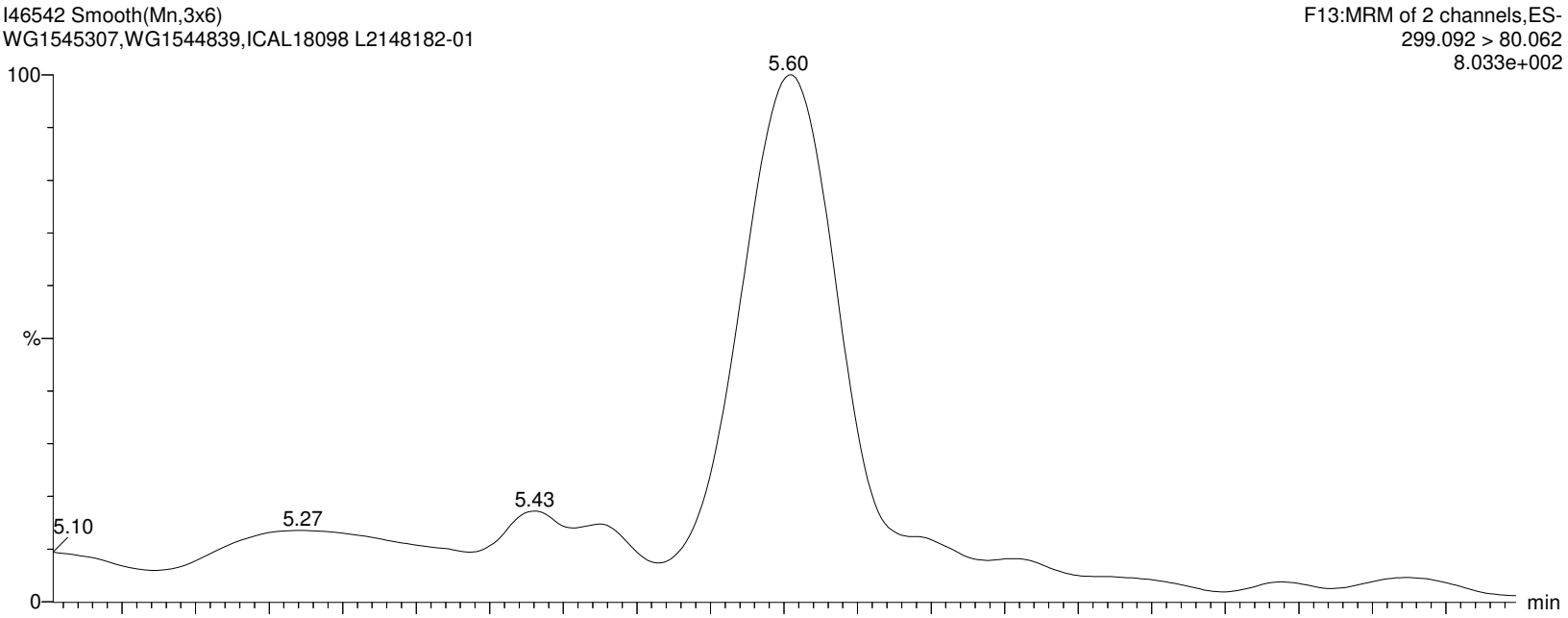


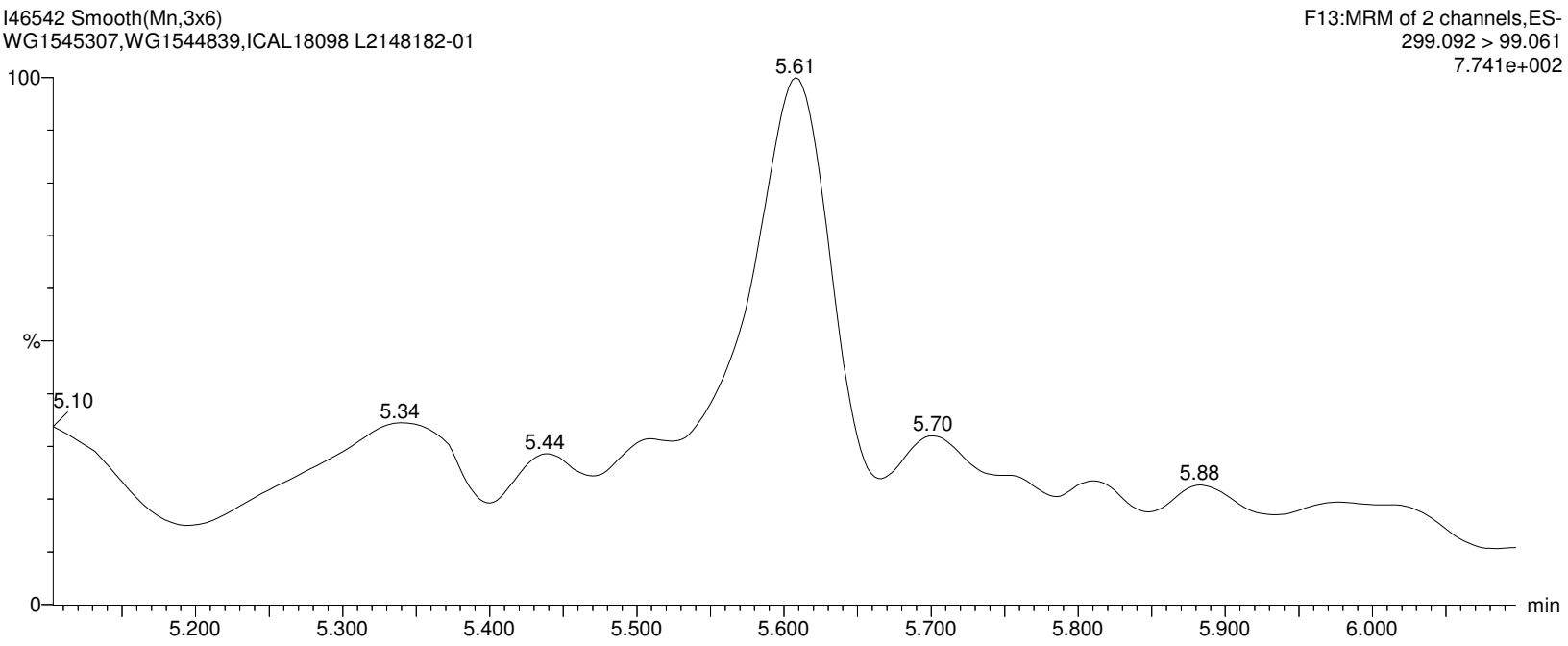
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:52 Eastern Daylight Time

Name: I46542
ID: L2148182-01
Date: 11-Sep-2021
Time: 17:31:58
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBS



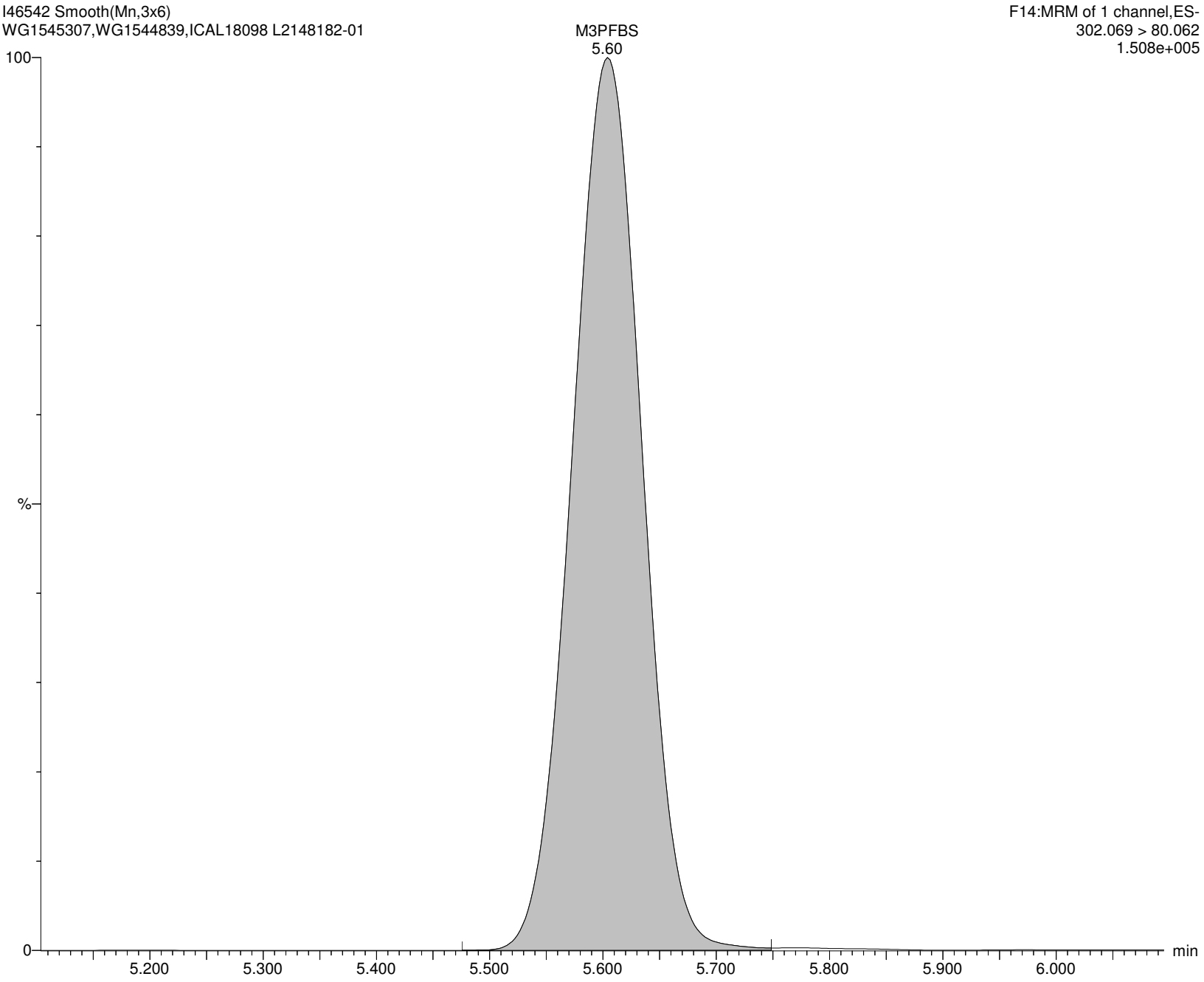


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:52 Eastern Daylight Time

Name: I46542
ID: L2148182-01
Date: 11-Sep-2021
Time: 17:31:58
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBS

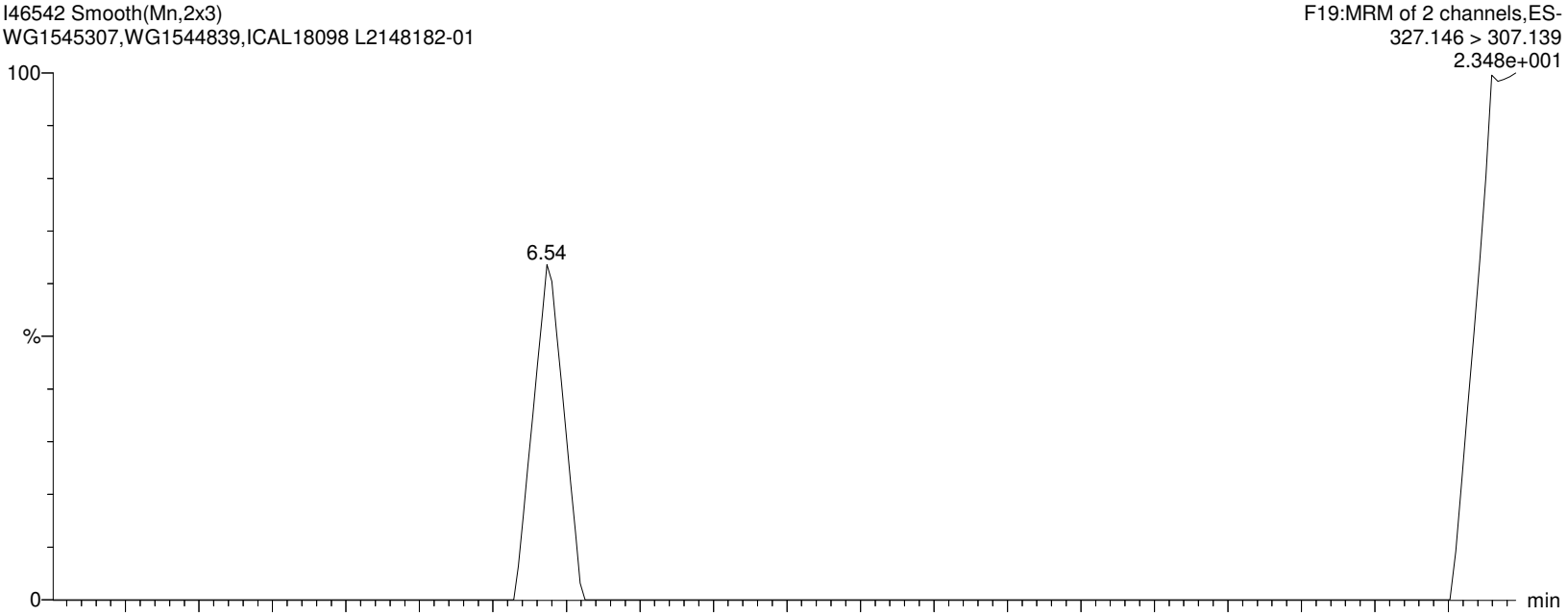


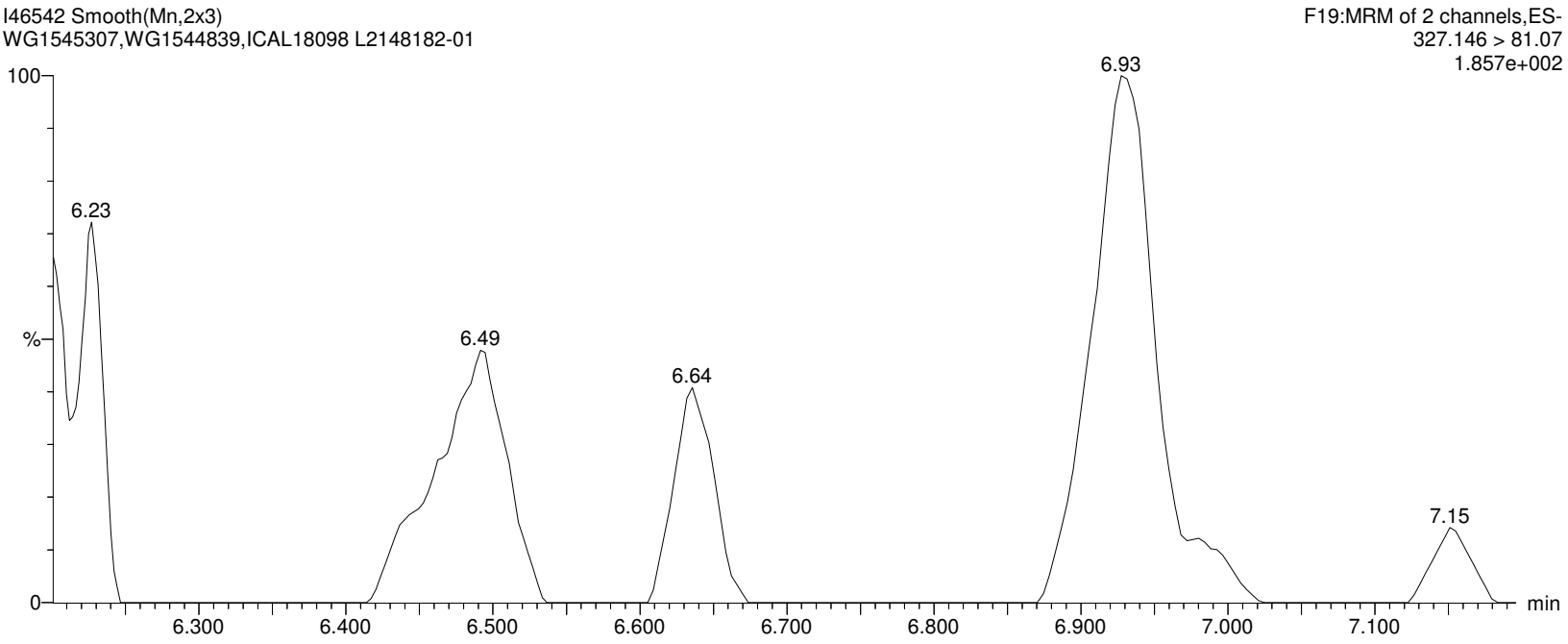
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:52 Eastern Daylight Time

Name: I46542
ID: L2148182-01
Date: 11-Sep-2021
Time: 17:31:58
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

4:2FTS



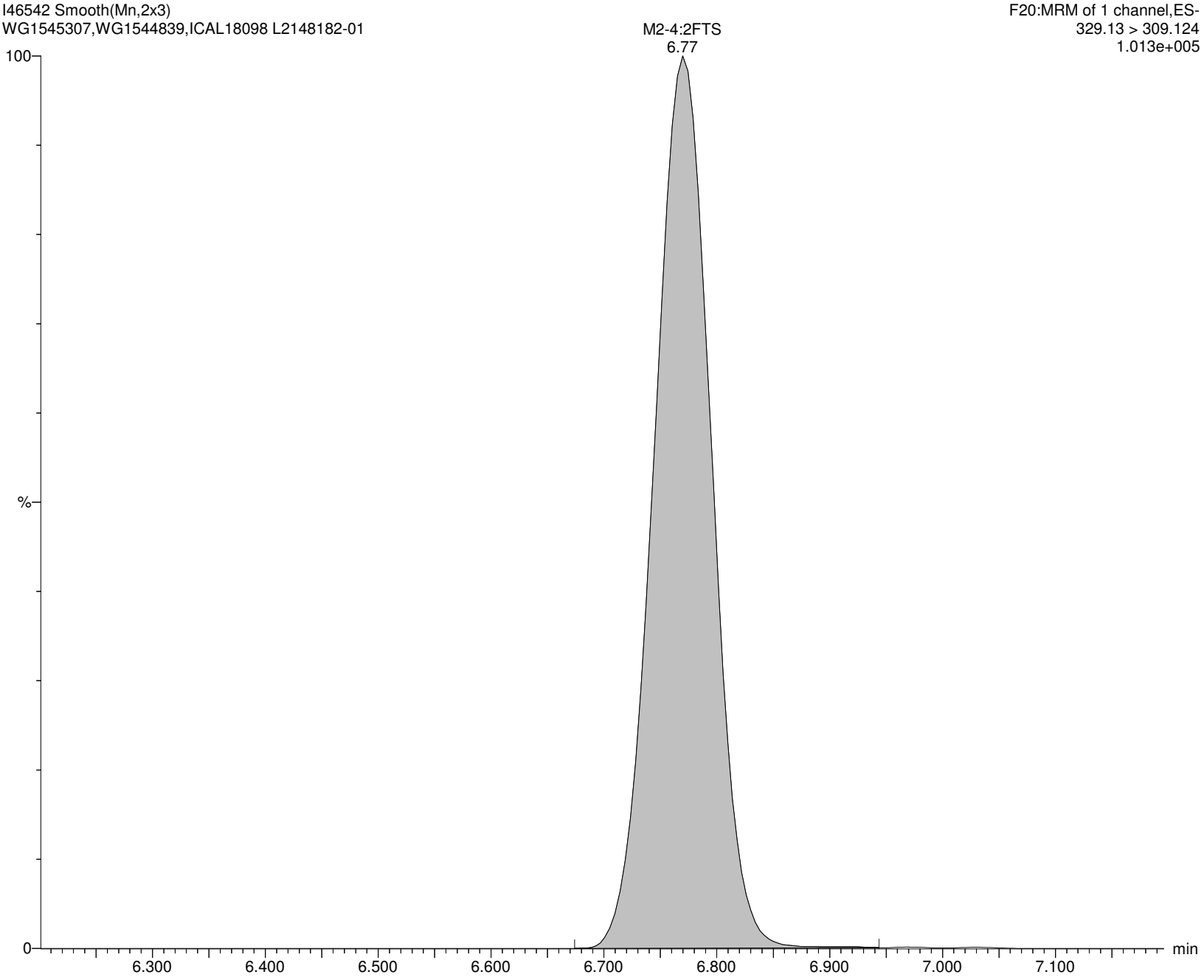


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:52 Eastern Daylight Time

Name: I46542
ID: L2148182-01
Date: 11-Sep-2021
Time: 17:31:58
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-4:2FTS

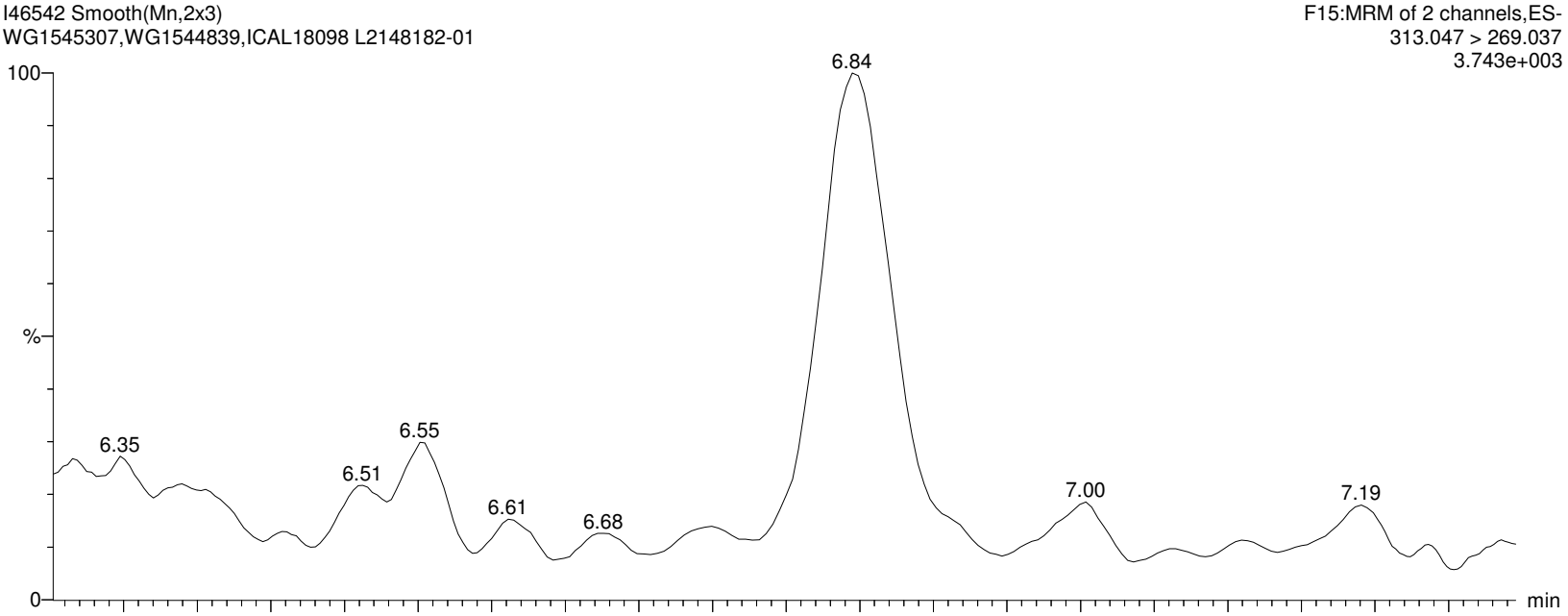


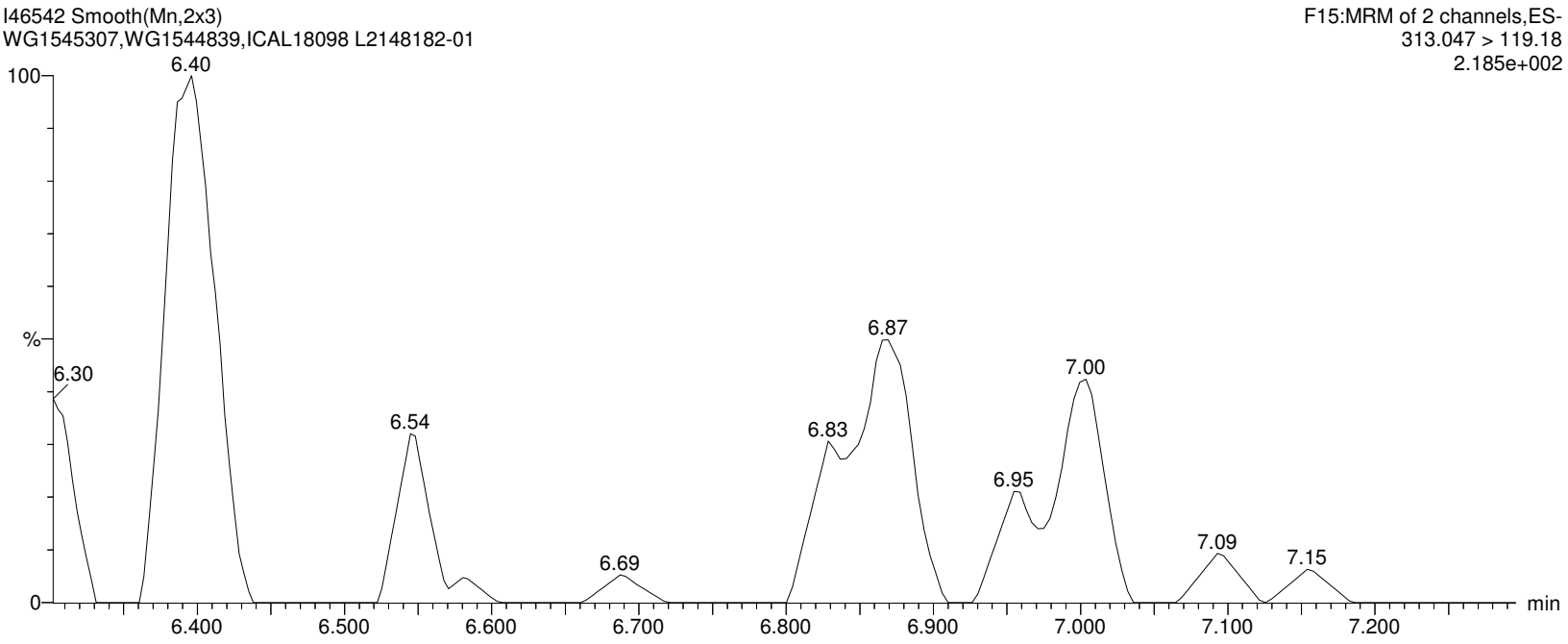
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:52 Eastern Daylight Time

Name: I46542
ID: L2148182-01
Date: 11-Sep-2021
Time: 17:31:58
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxA



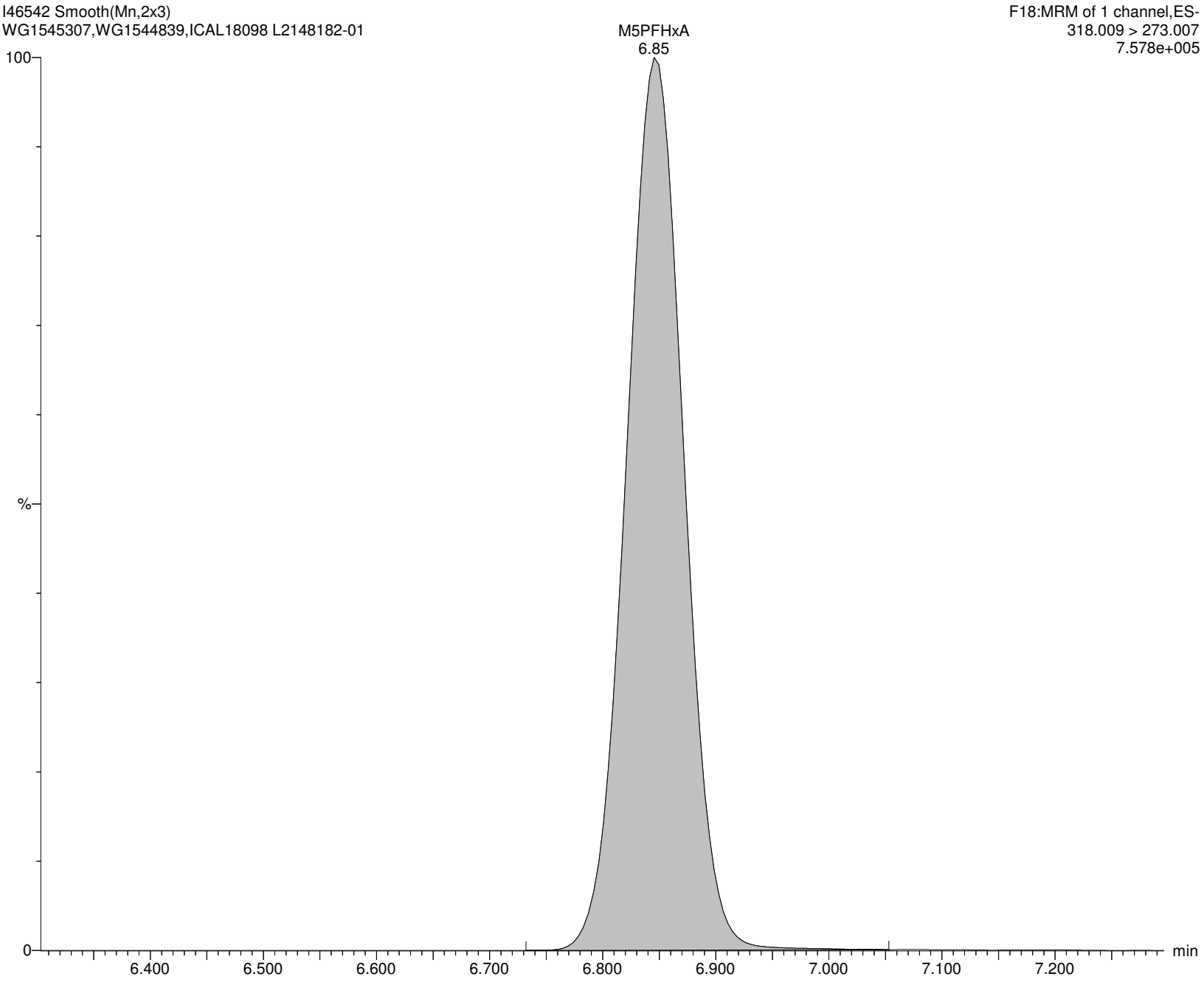


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:52 Eastern Daylight Time

Name: I46542
ID: L2148182-01
Date: 11-Sep-2021
Time: 17:31:58
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFHxA

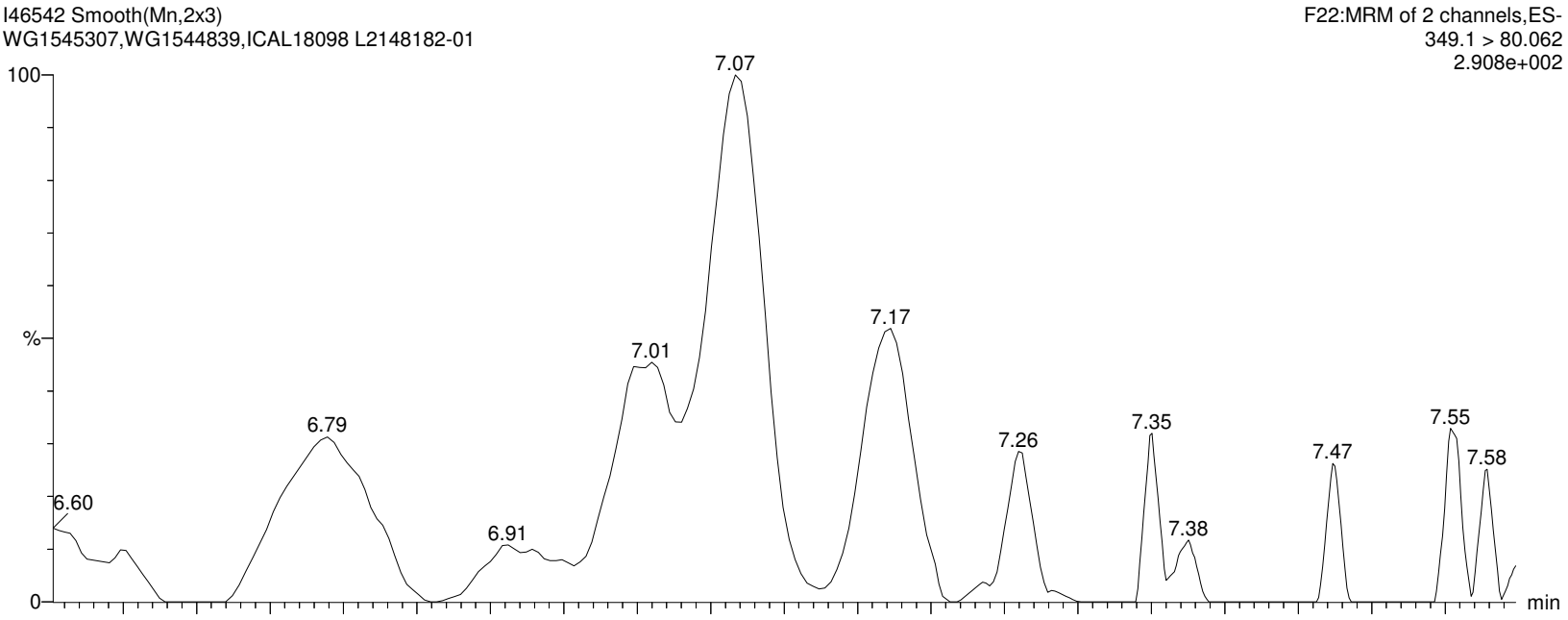


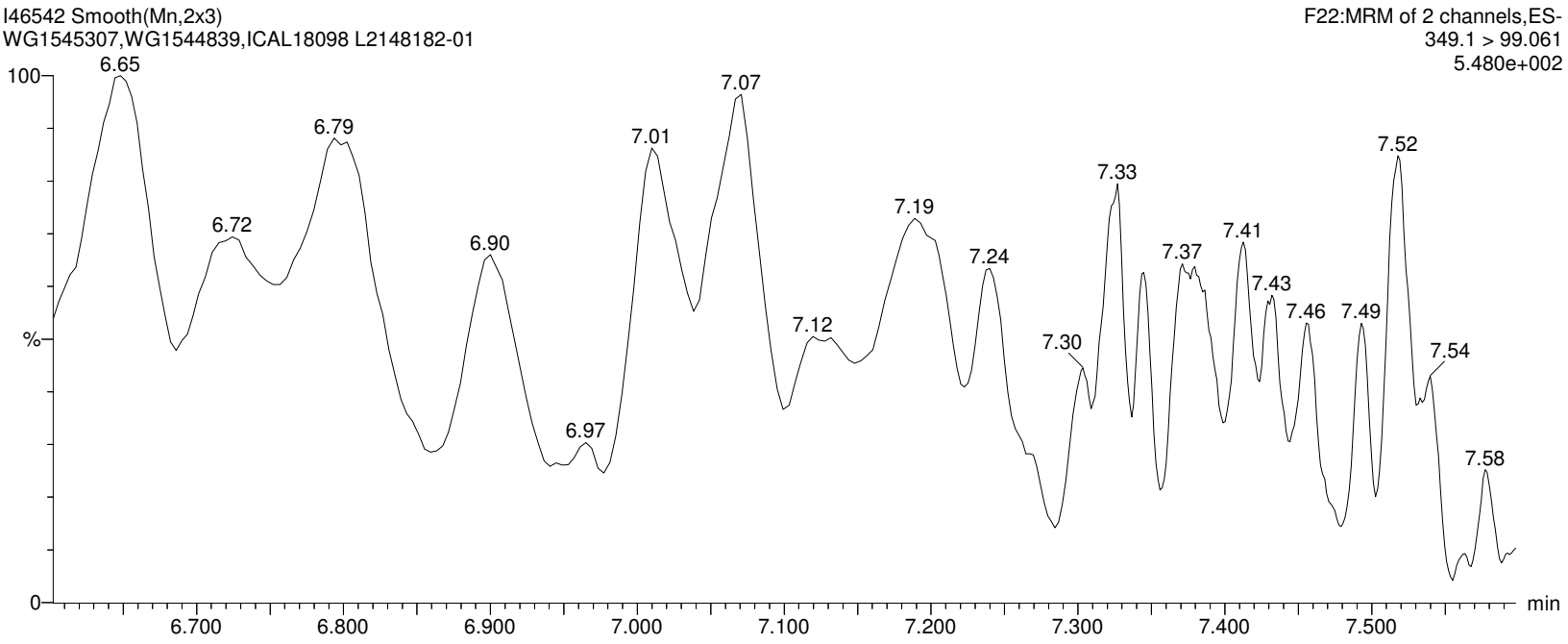
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:52 Eastern Daylight Time

Name: I46542
ID: L2148182-01
Date: 11-Sep-2021
Time: 17:31:58
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeS



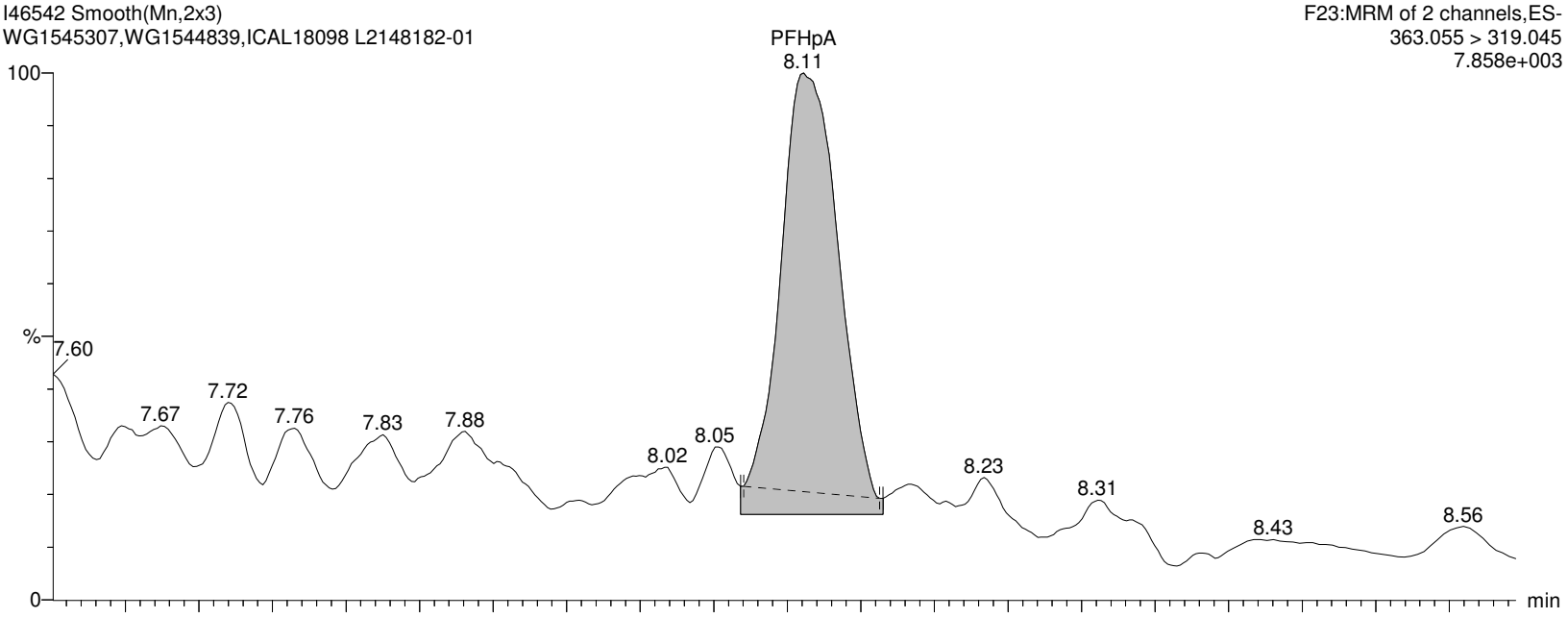


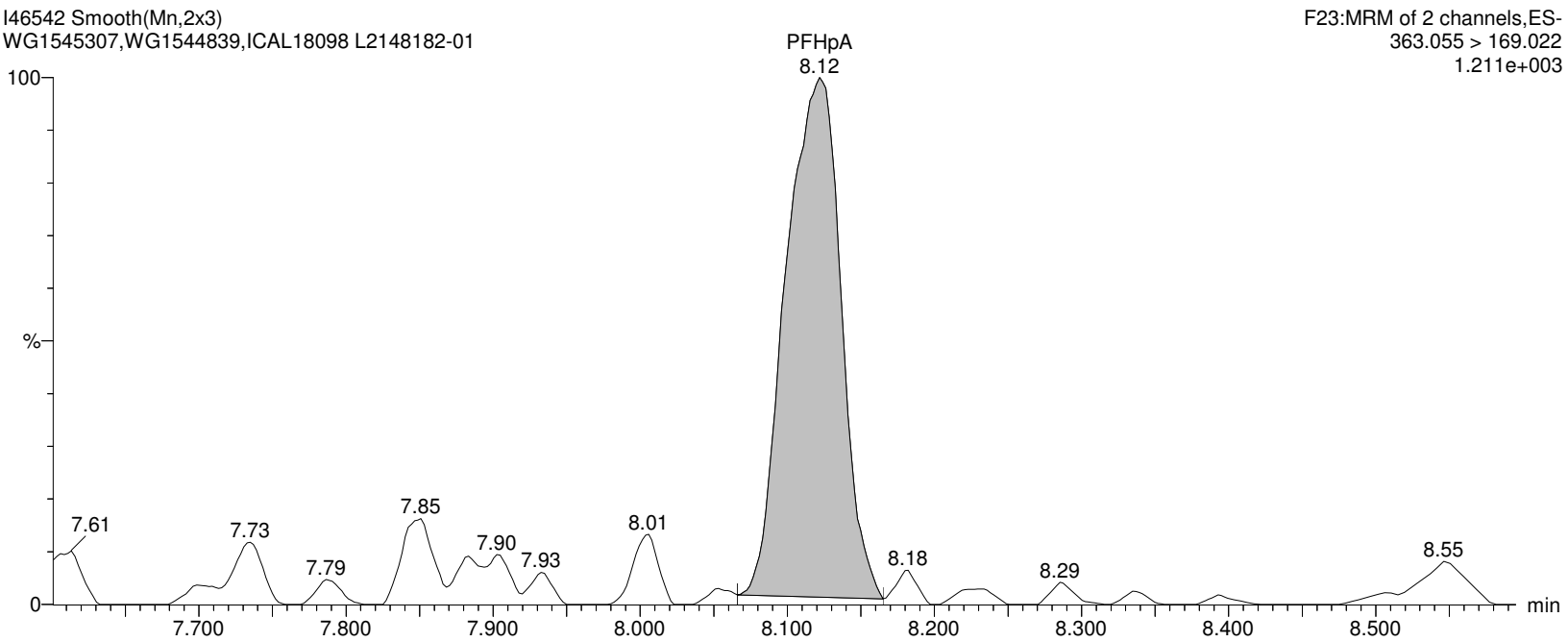
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:52 Eastern Daylight Time

Name: I46542
ID: L2148182-01
Date: 11-Sep-2021
Time: 17:31:58
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpA



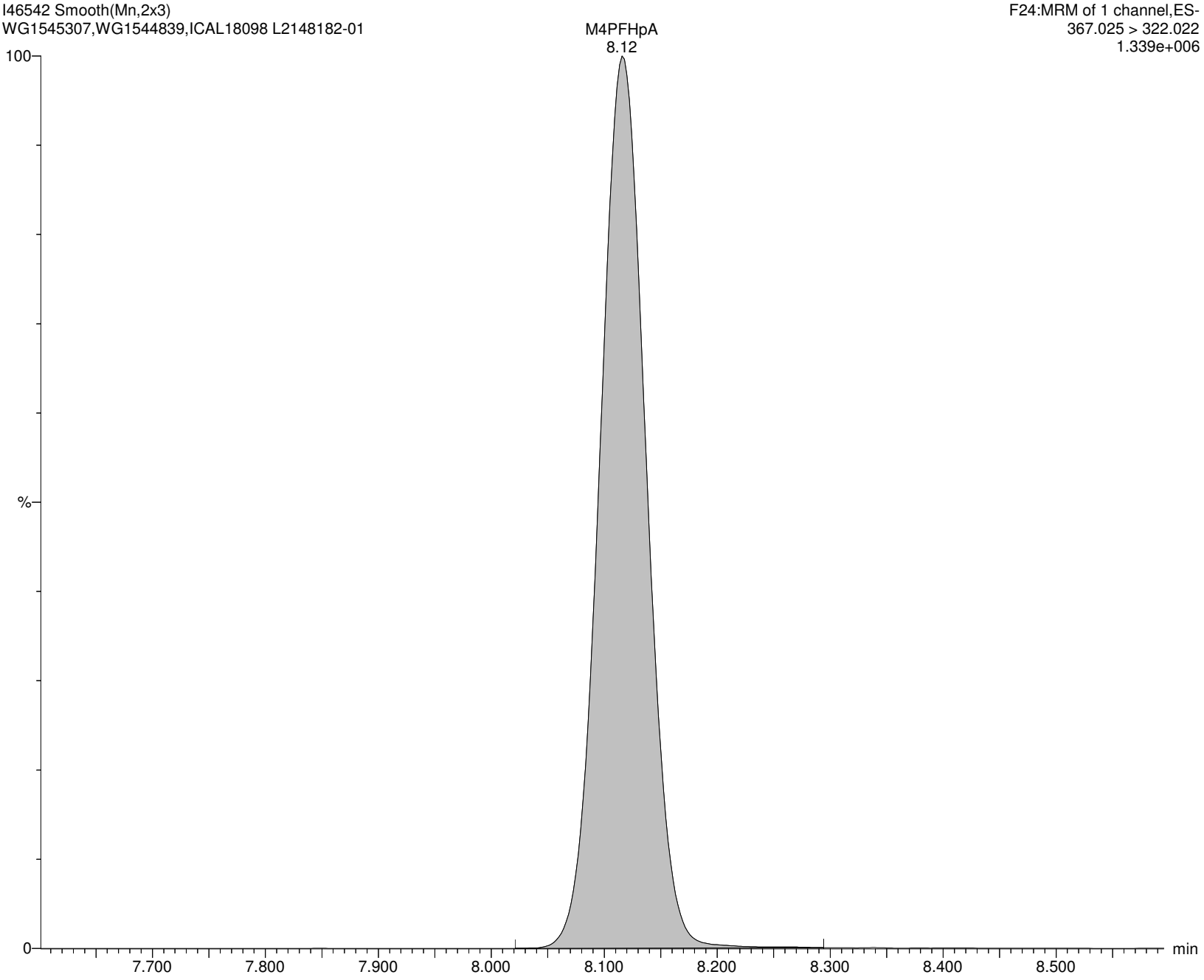


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:52 Eastern Daylight Time

Name: I46542
ID: L2148182-01
Date: 11-Sep-2021
Time: 17:31:58
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFHpA

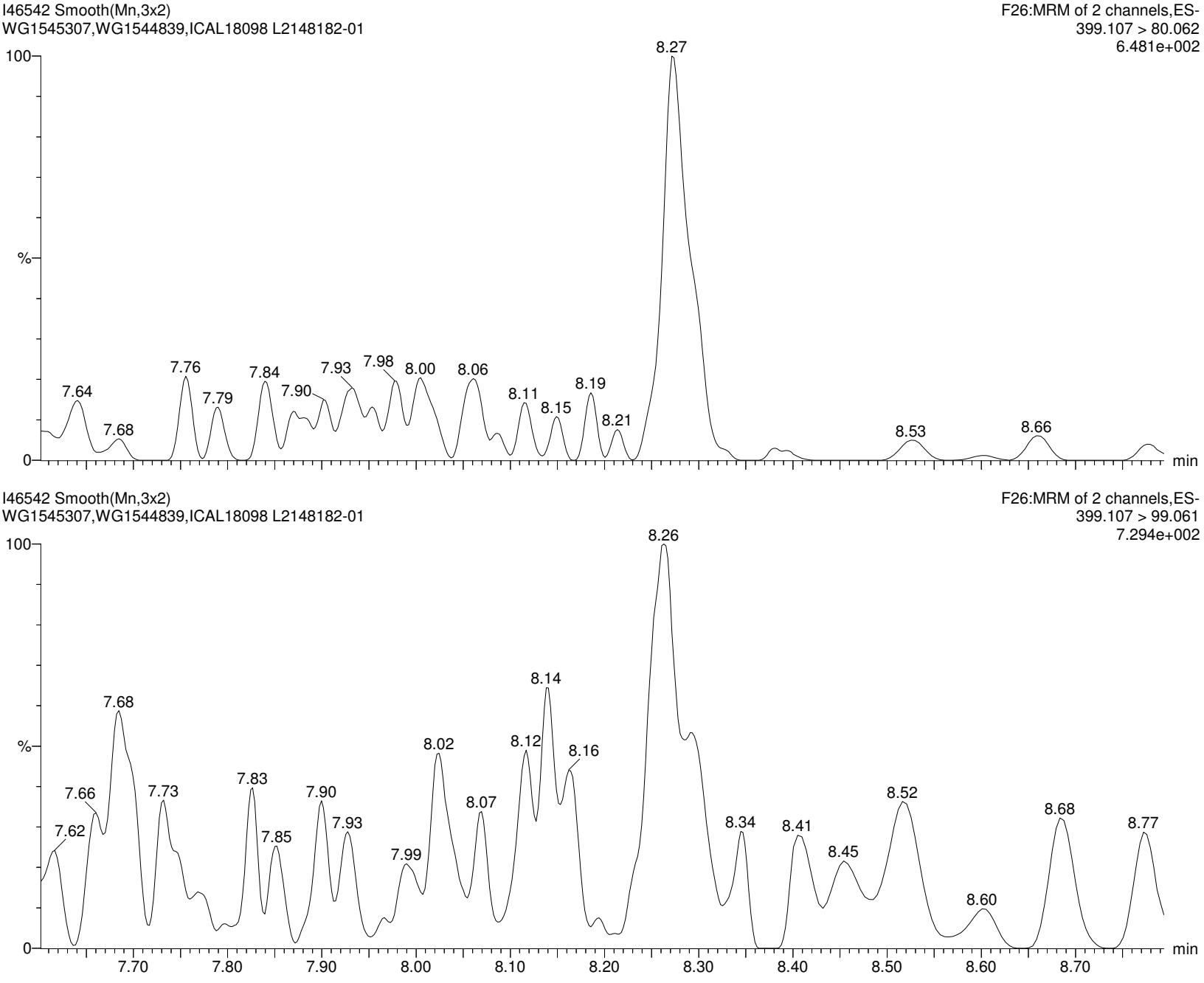


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:52 Eastern Daylight Time

Name: I46542
ID: L2148182-01
Date: 11-Sep-2021
Time: 17:31:58
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFHxS

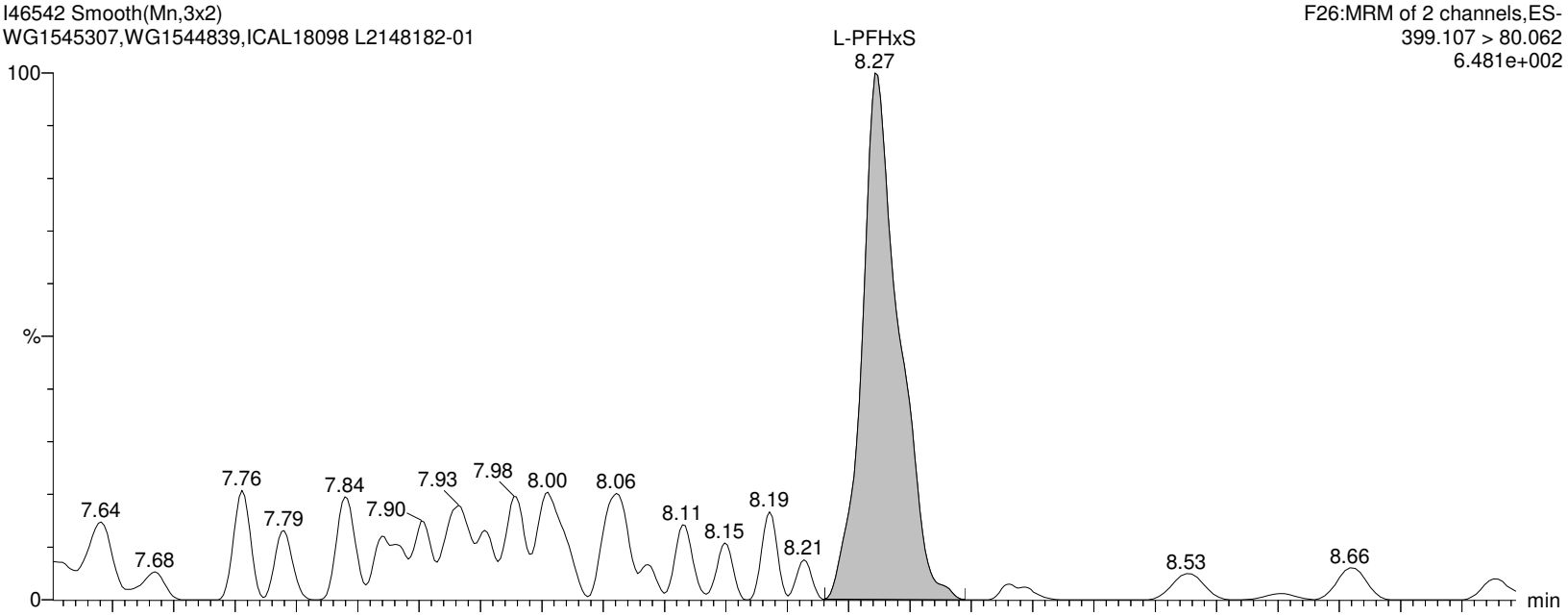


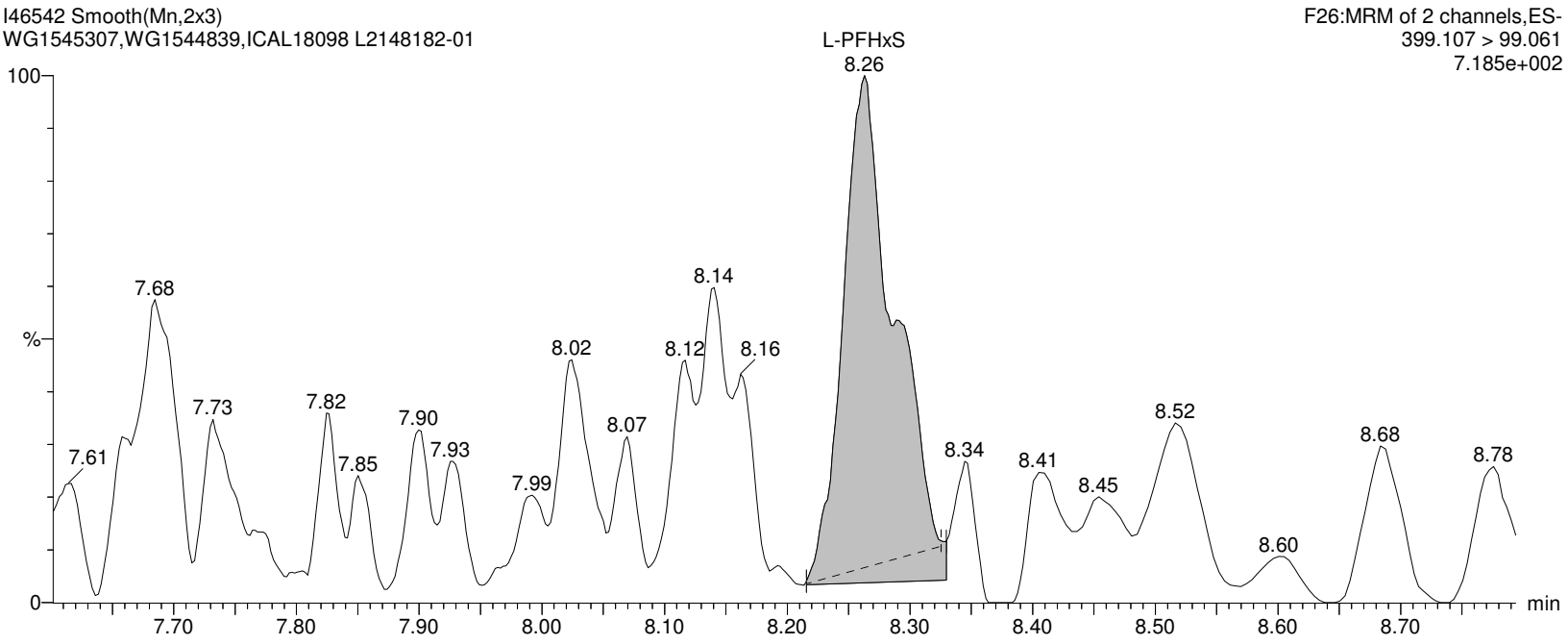
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:52 Eastern Daylight Time

Name: I46542
ID: L2148182-01
Date: 11-Sep-2021
Time: 17:31:58
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFHxS



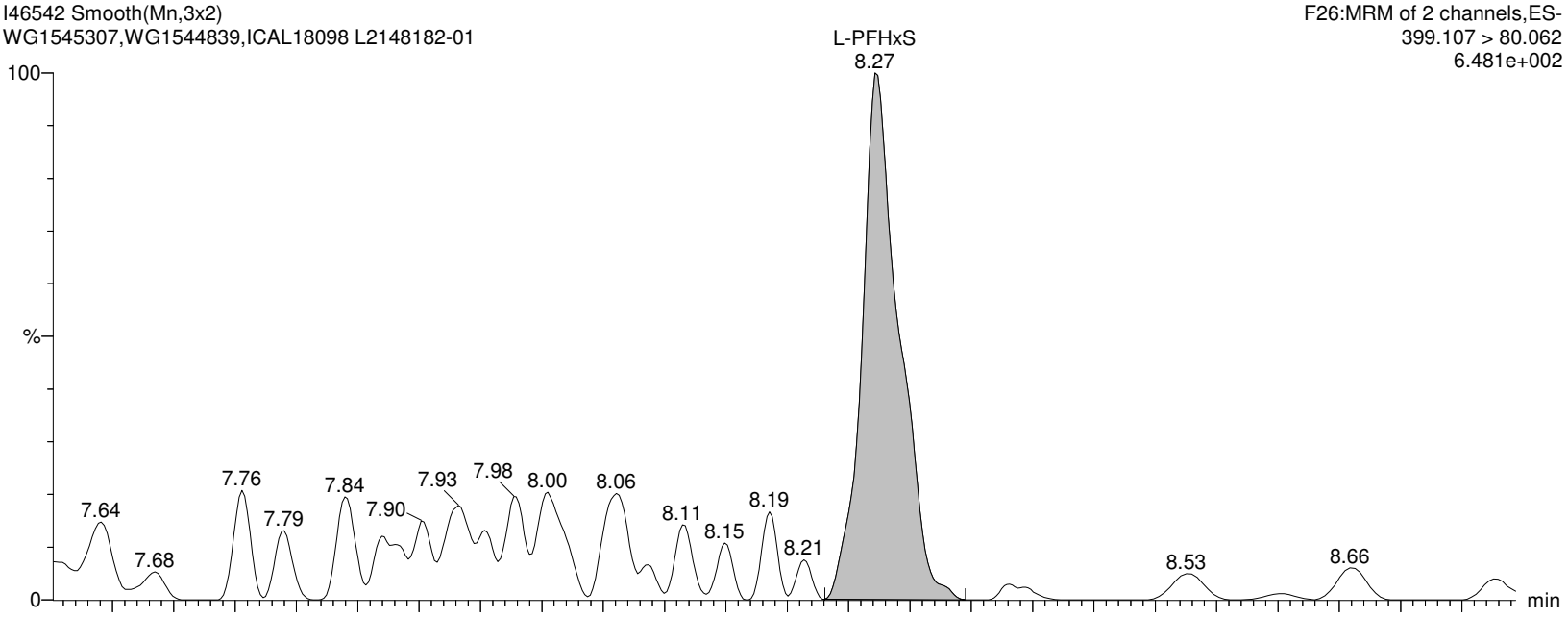


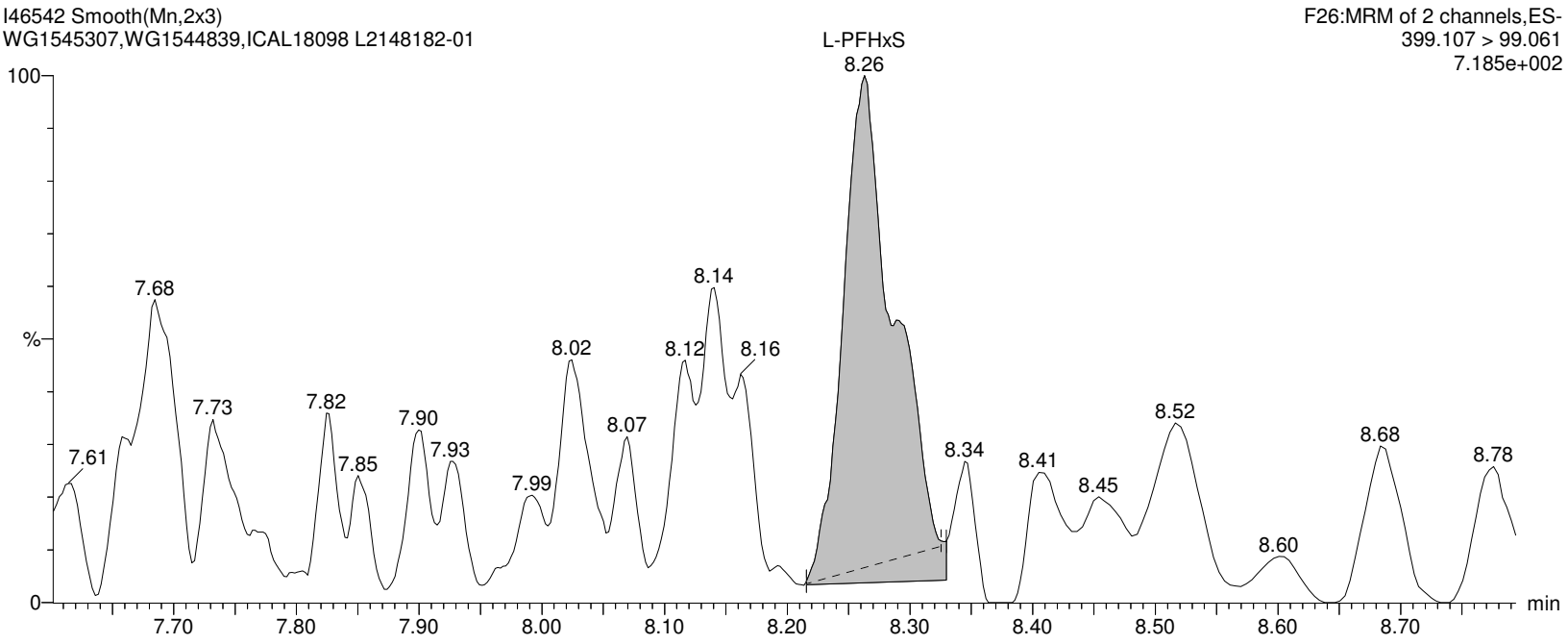
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:52 Eastern Daylight Time

Name: I46542
ID: L2148182-01
Date: 11-Sep-2021
Time: 17:31:58
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxS



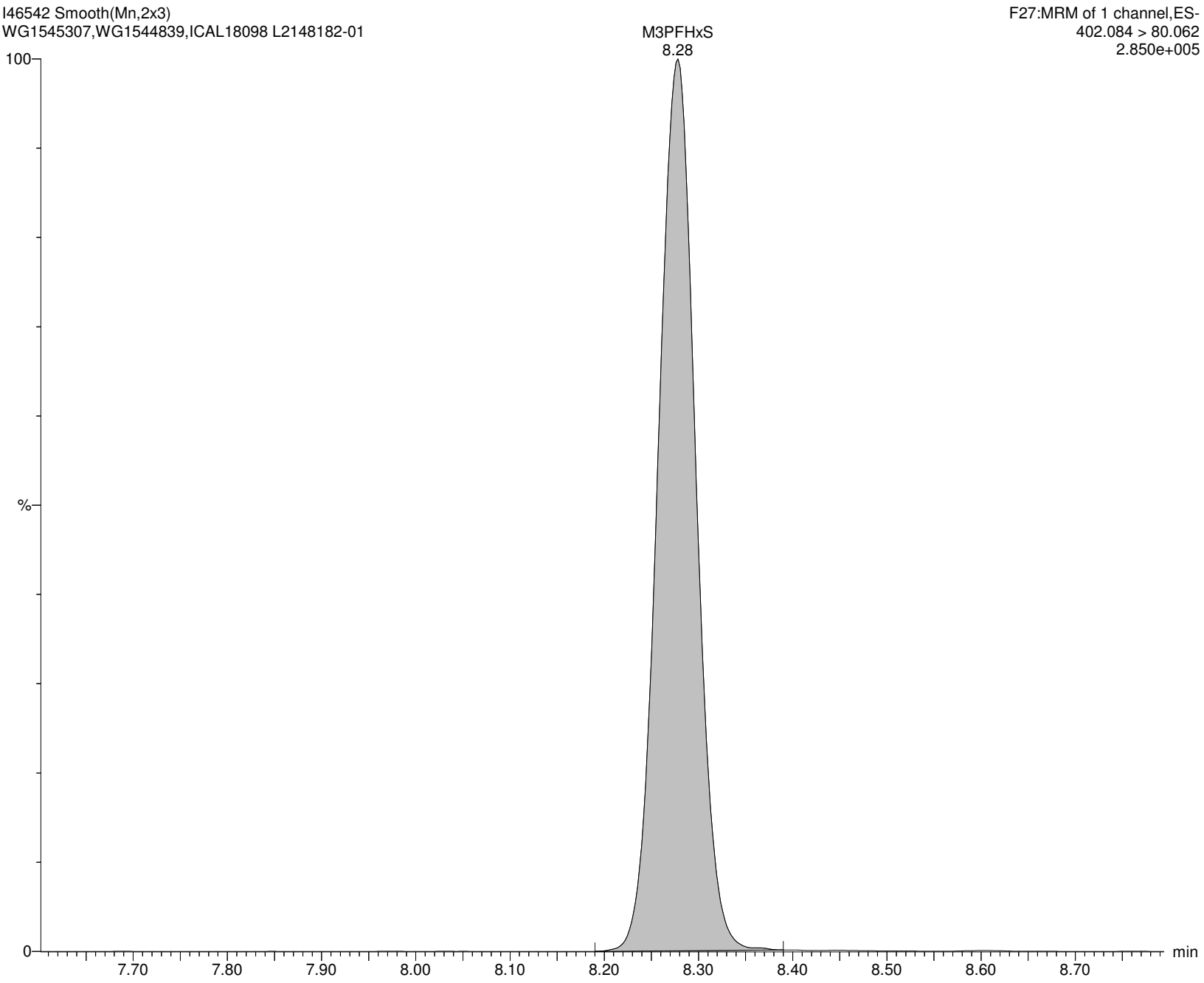


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:52 Eastern Daylight Time

Name: I46542
ID: L2148182-01
Date: 11-Sep-2021
Time: 17:31:58
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFHxS

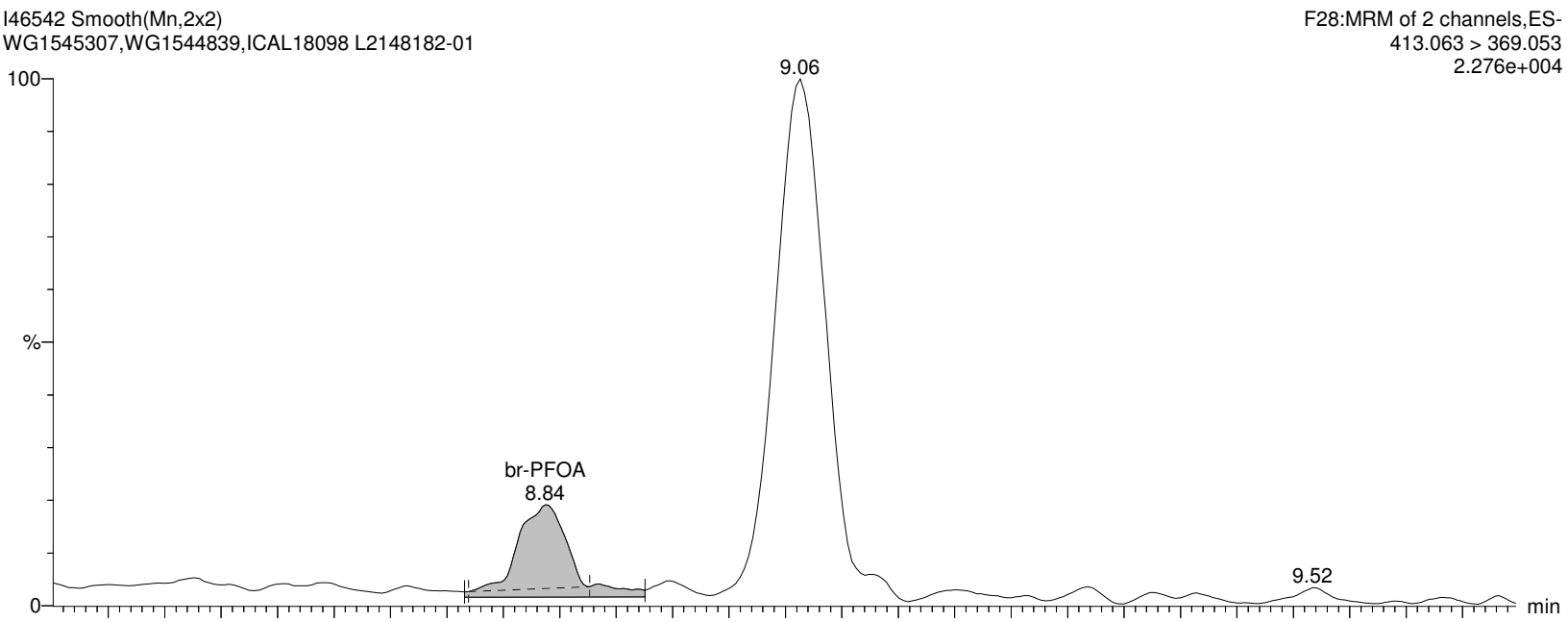


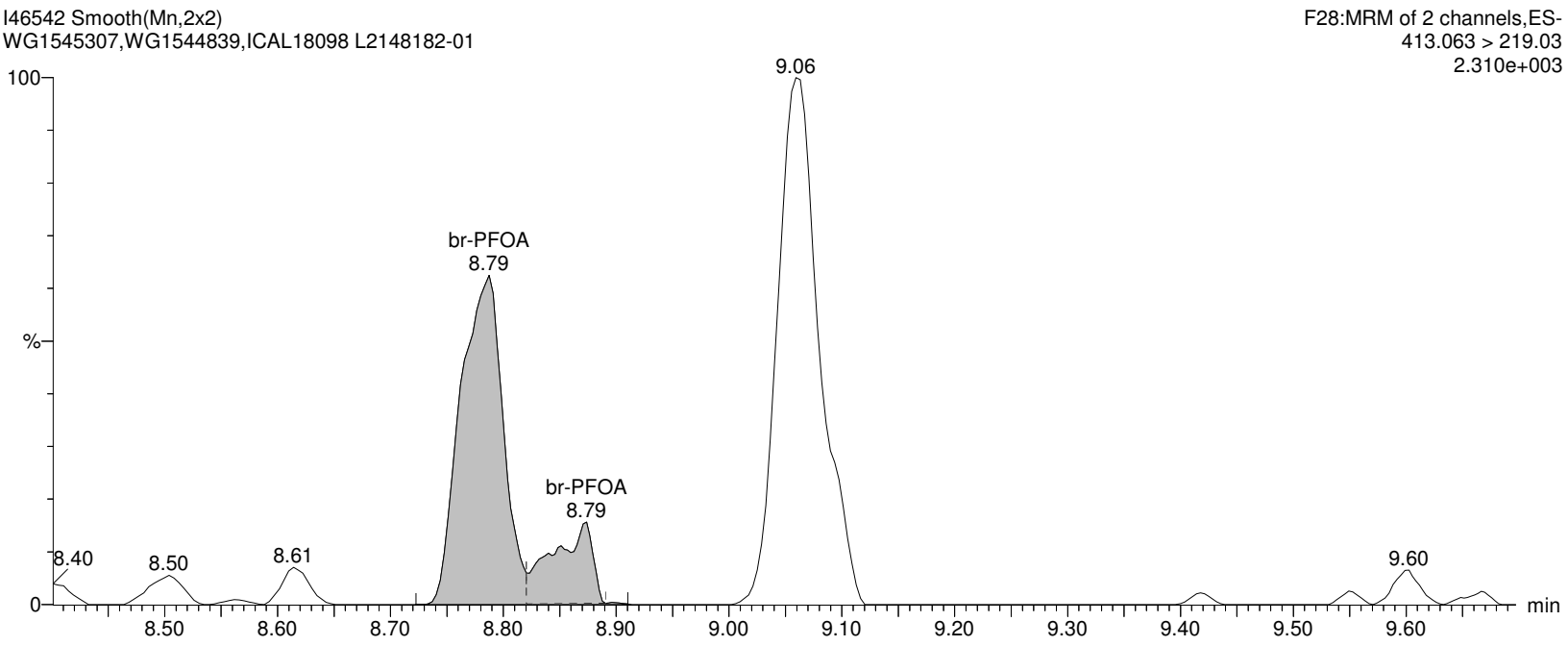
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:52 Eastern Daylight Time

Name: I46542
ID: L2148182-01
Date: 11-Sep-2021
Time: 17:31:58
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOA



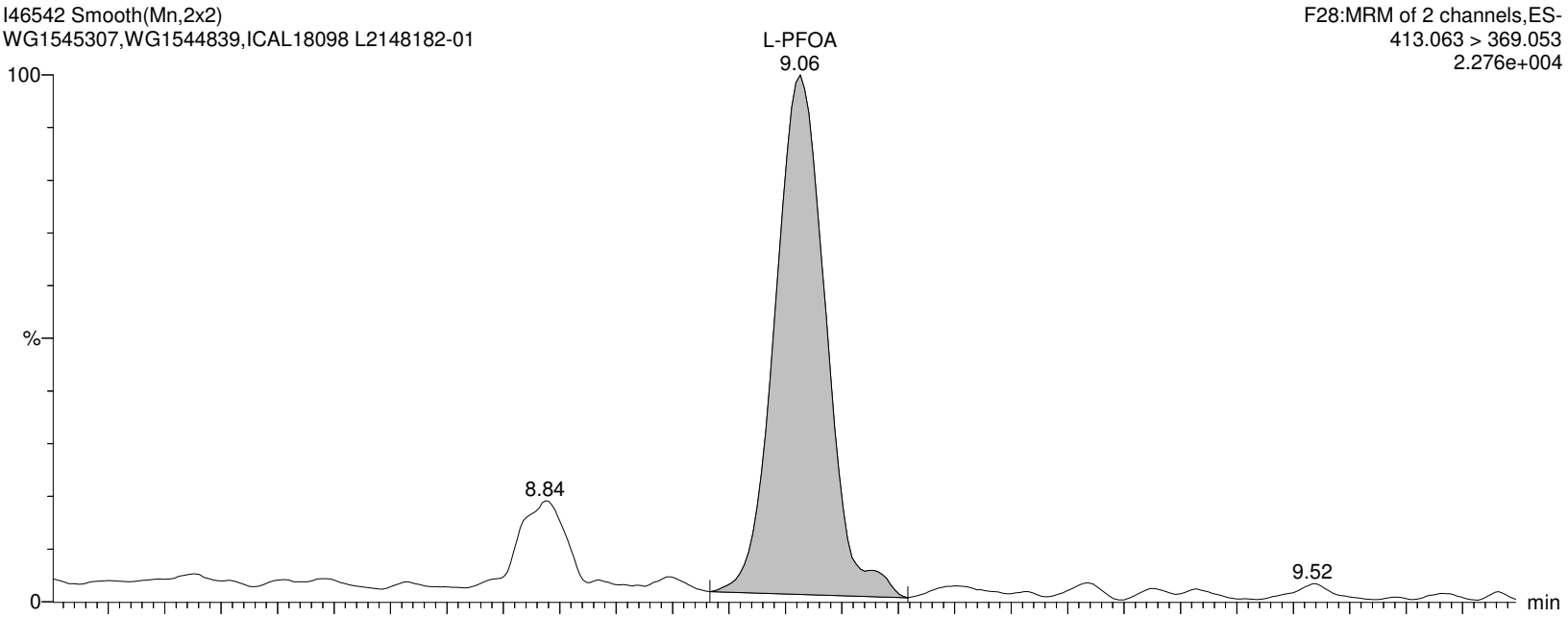


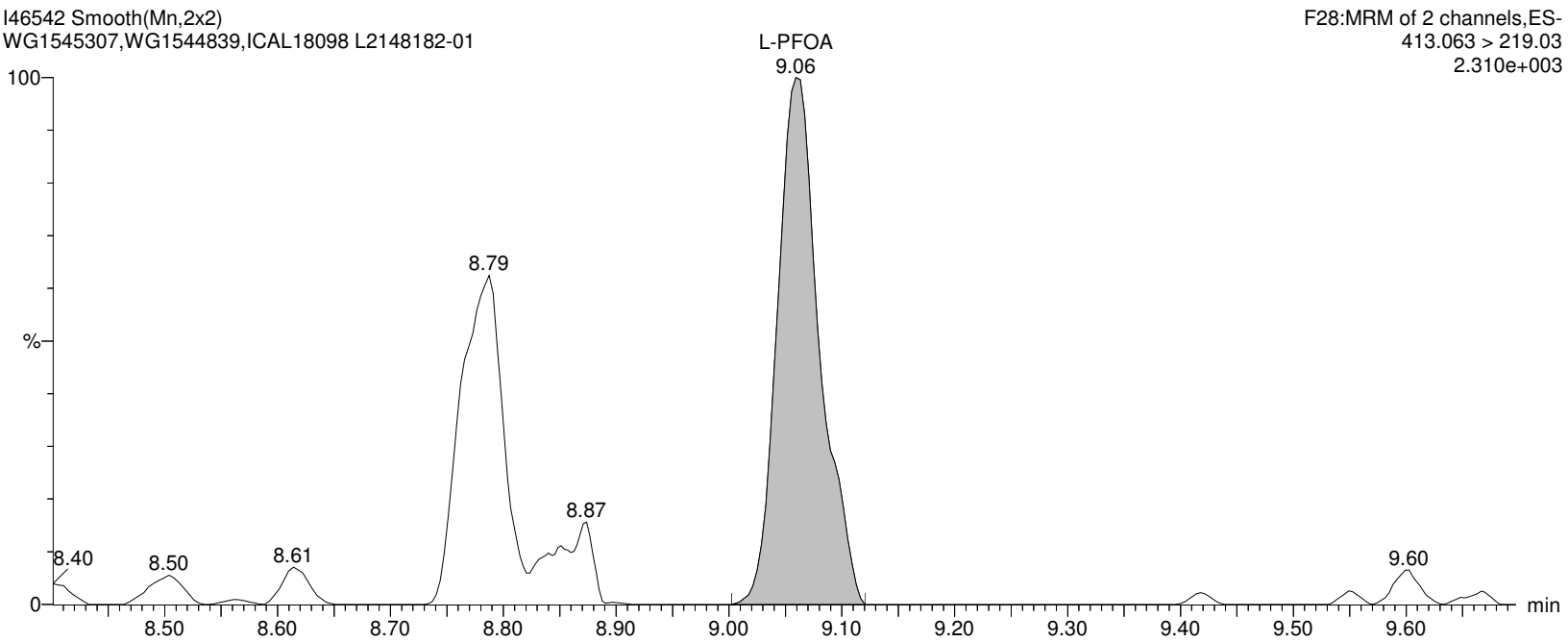
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:52 Eastern Daylight Time

Name: I46542
ID: L2148182-01
Date: 11-Sep-2021
Time: 17:31:58
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOA



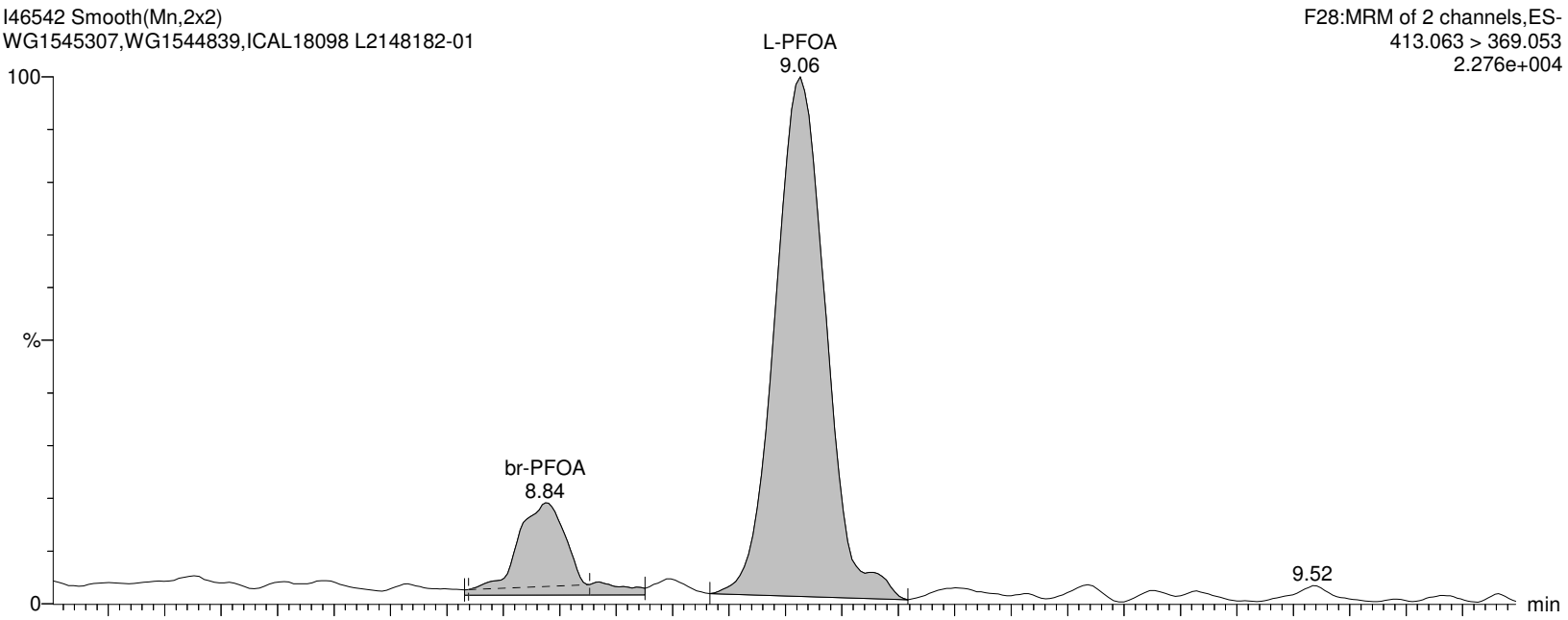


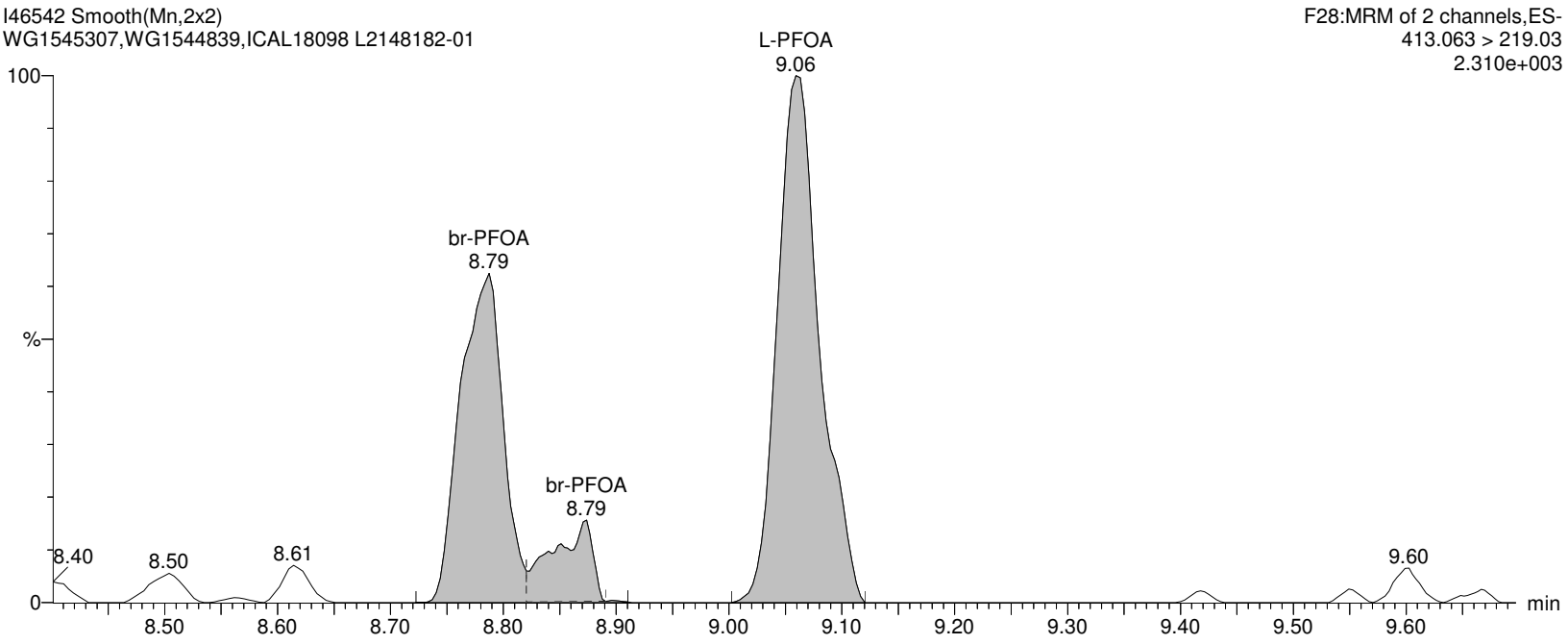
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:52 Eastern Daylight Time

Name: I46542
ID: L2148182-01
Date: 11-Sep-2021
Time: 17:31:58
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOA



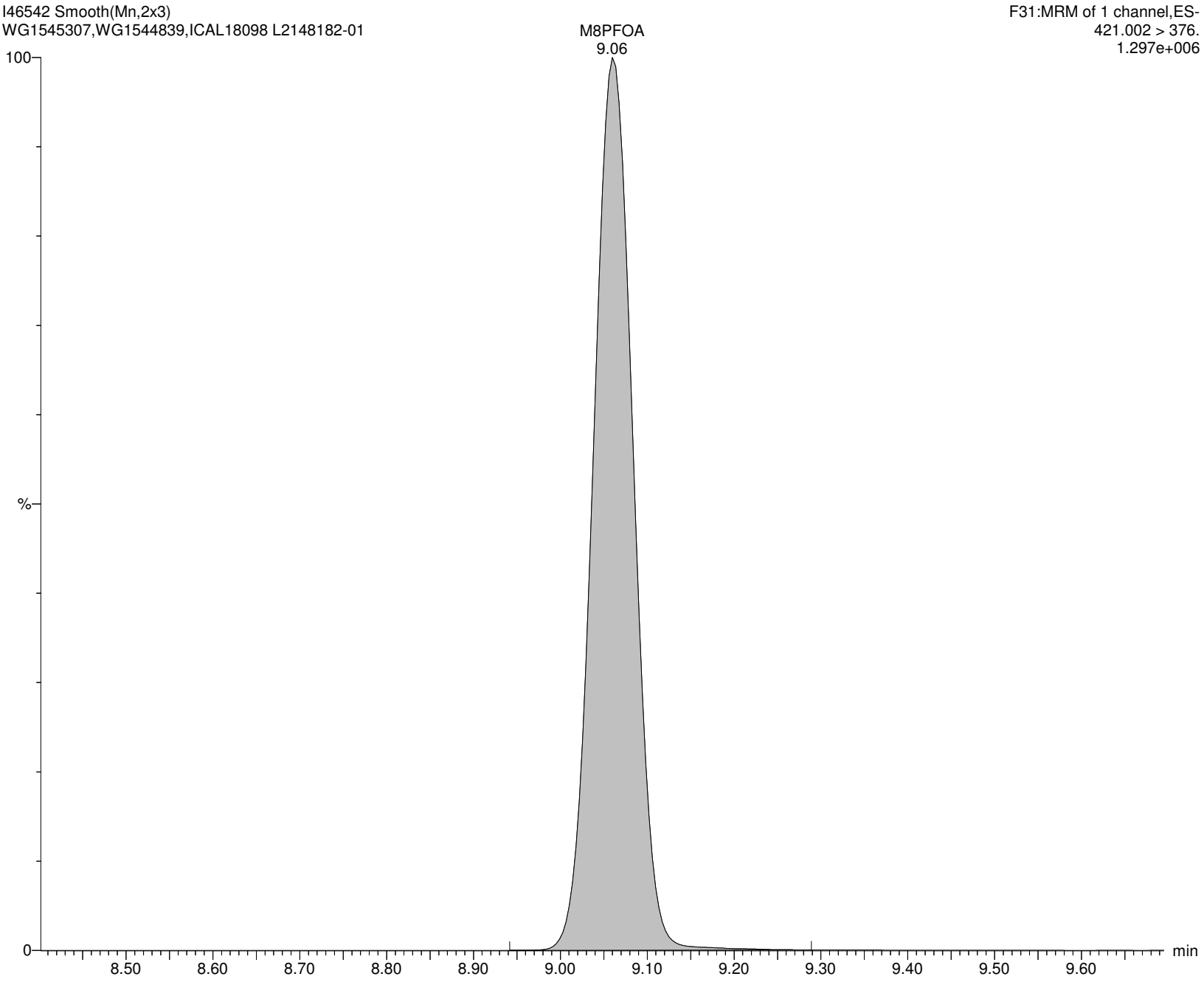


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:52 Eastern Daylight Time

Name: I46542
ID: L2148182-01
Date: 11-Sep-2021
Time: 17:31:58
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOA

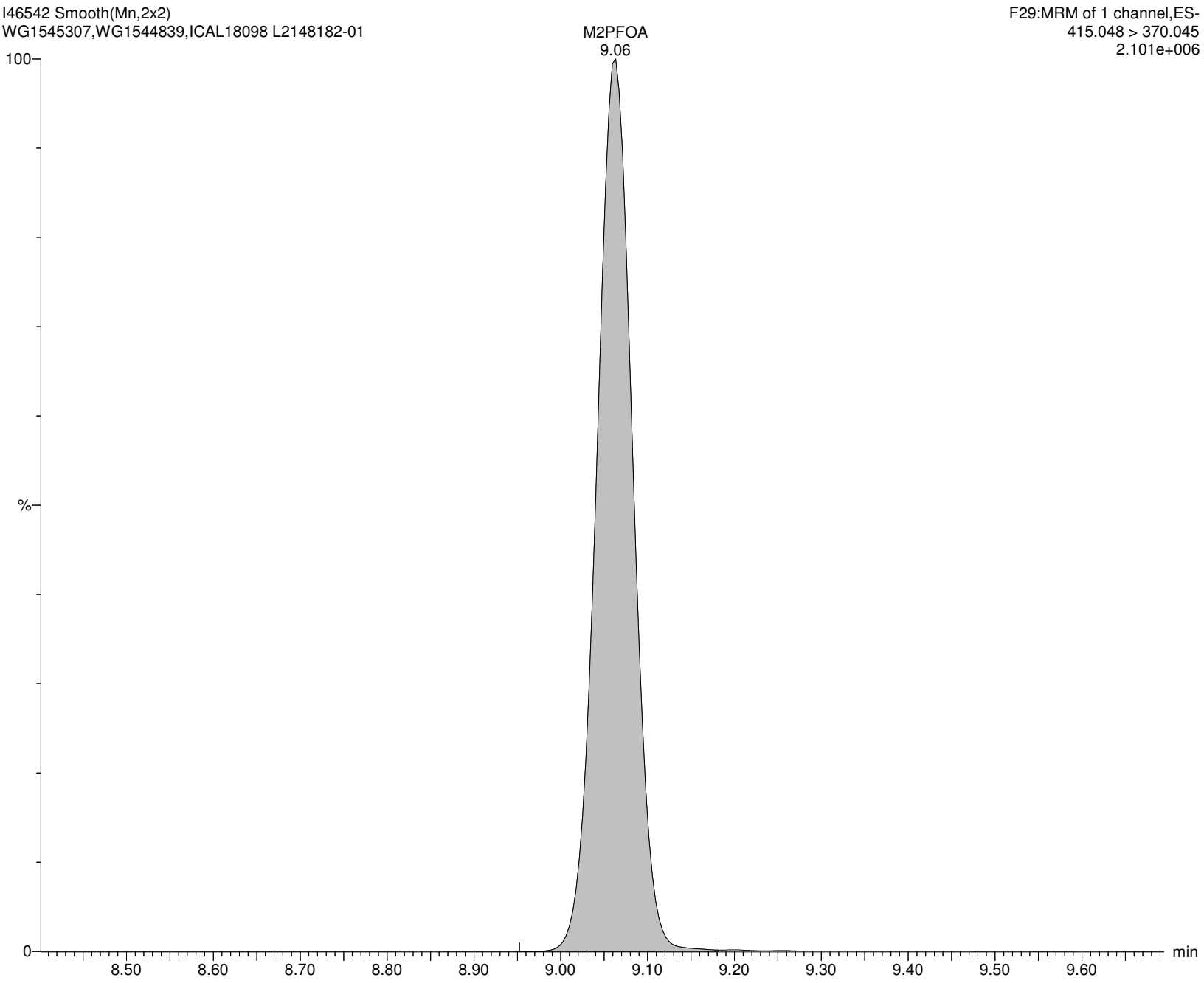


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:52 Eastern Daylight Time

Name: I46542
ID: L2148182-01
Date: 11-Sep-2021
Time: 17:31:58
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFOA

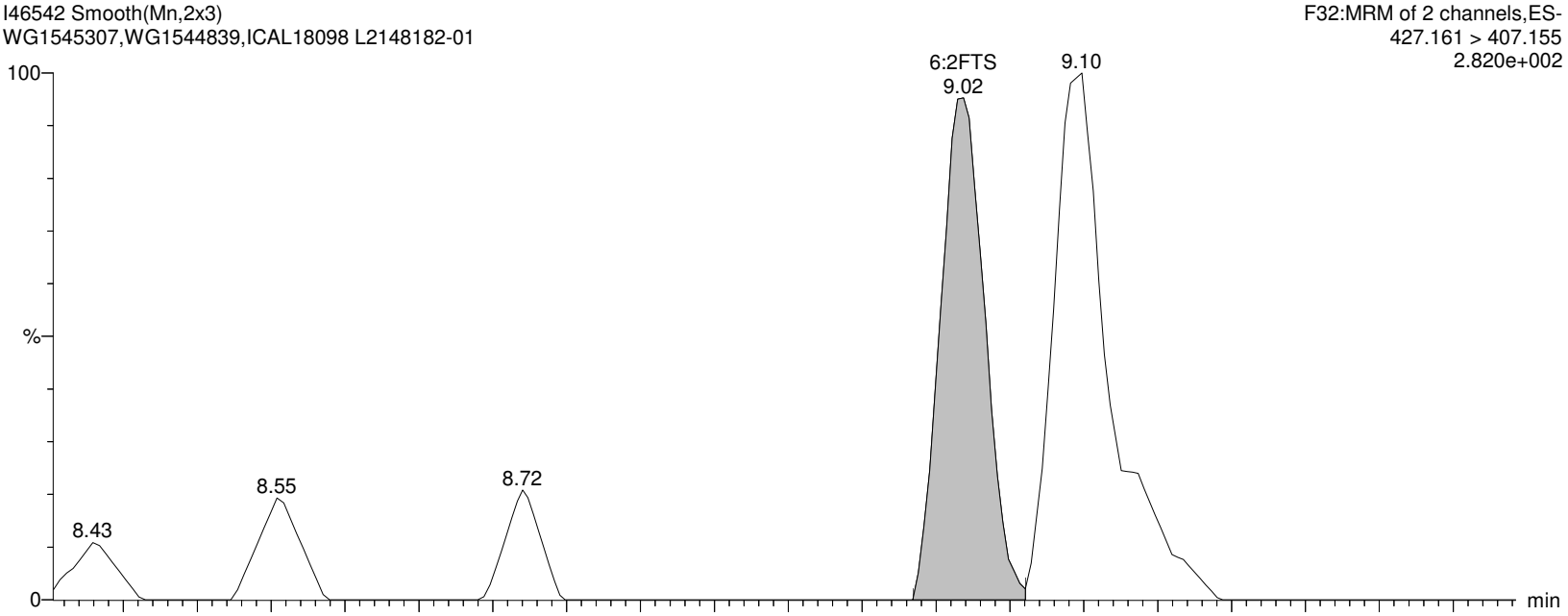


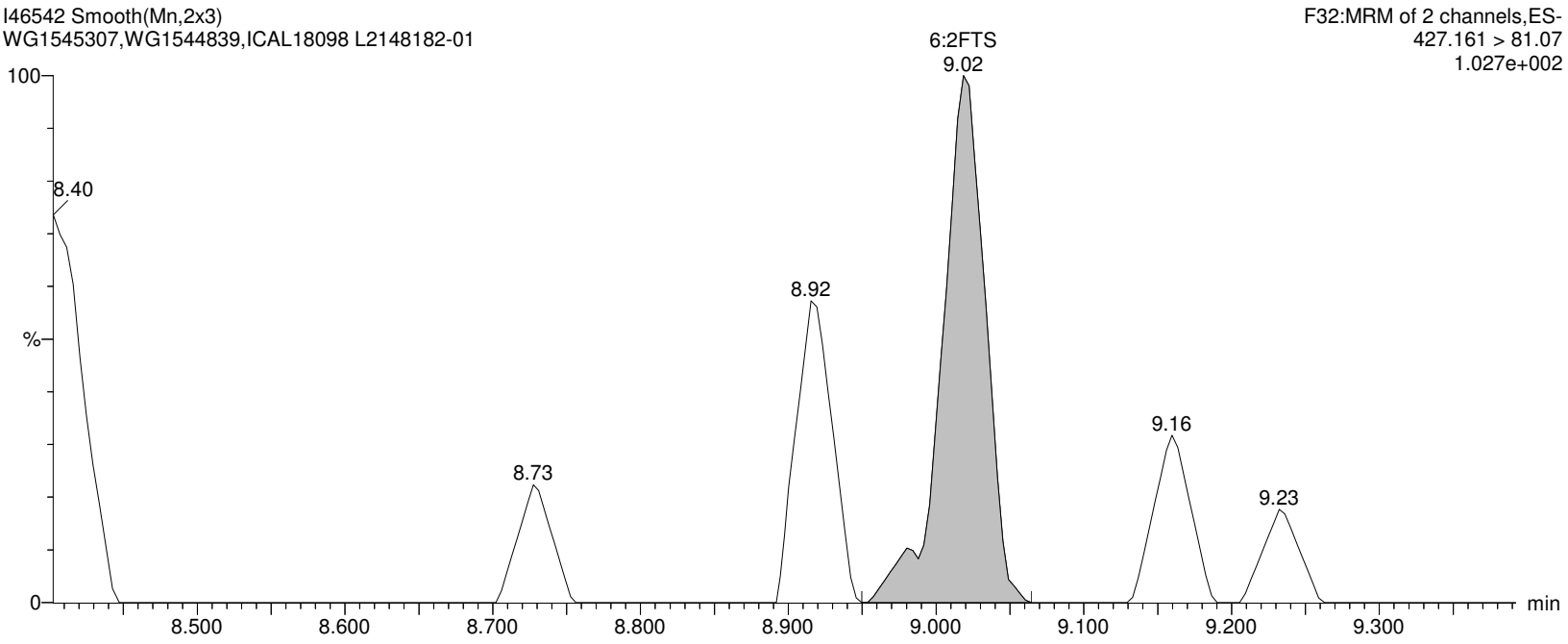
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:52 Eastern Daylight Time

Name: I46542
ID: L2148182-01
Date: 11-Sep-2021
Time: 17:31:58
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

6:2FTS



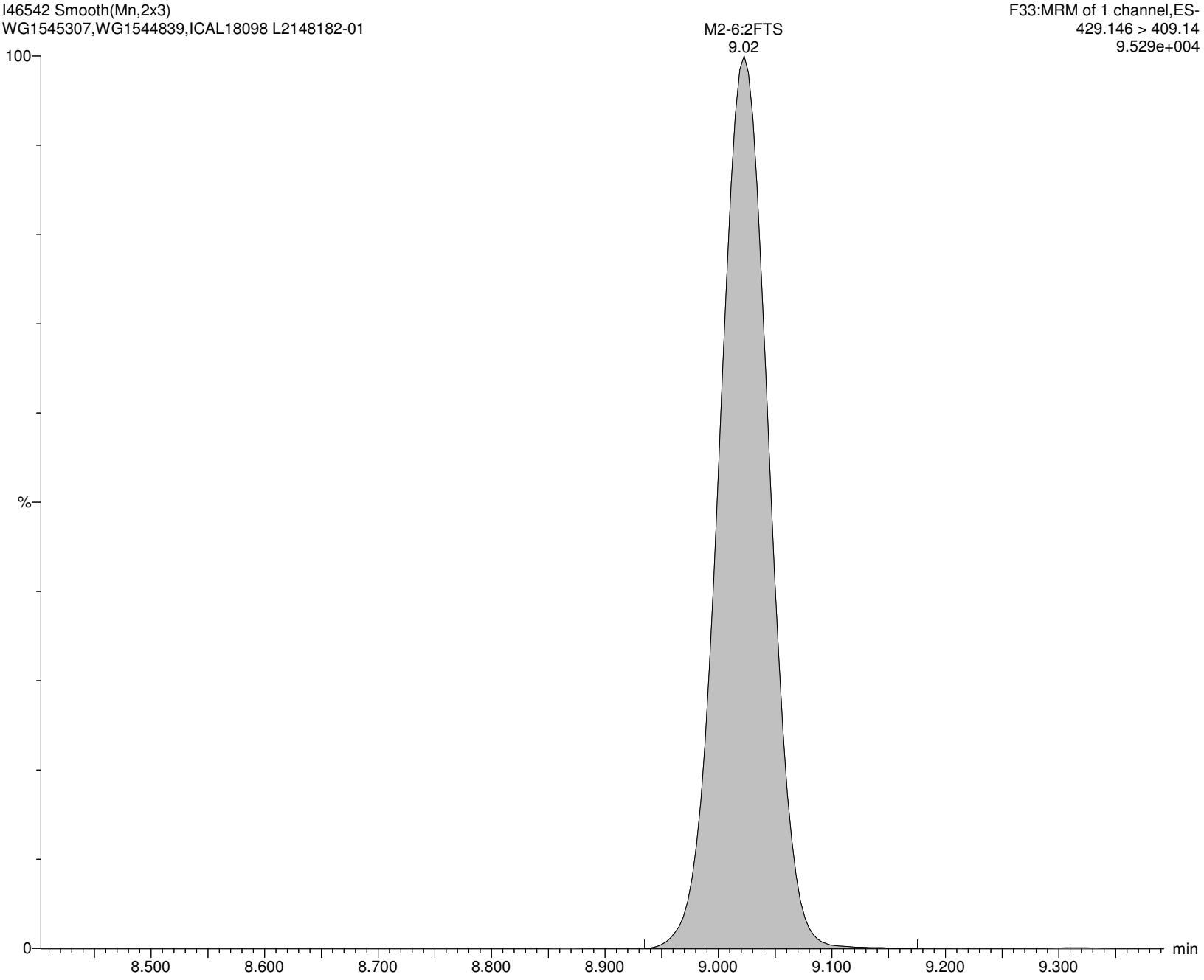


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:52 Eastern Daylight Time

Name: I46542
ID: L2148182-01
Date: 11-Sep-2021
Time: 17:31:58
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-6:2FTS

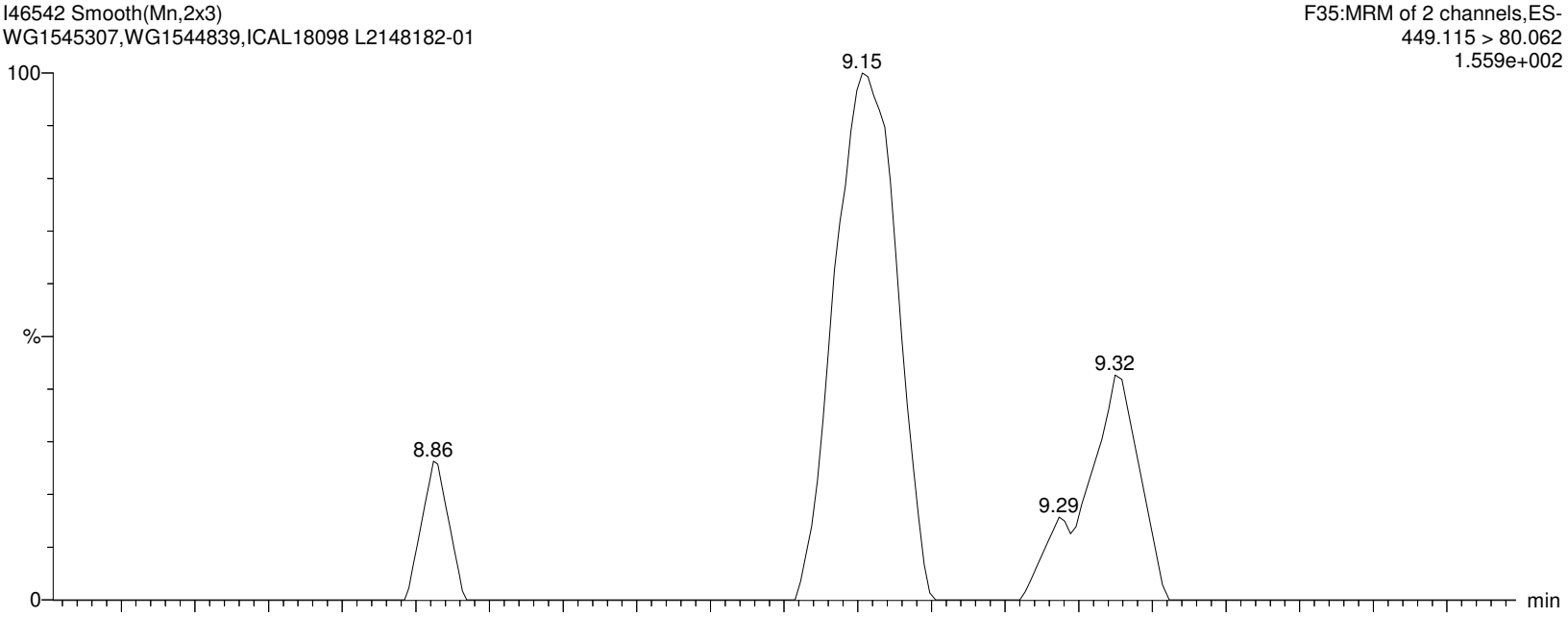


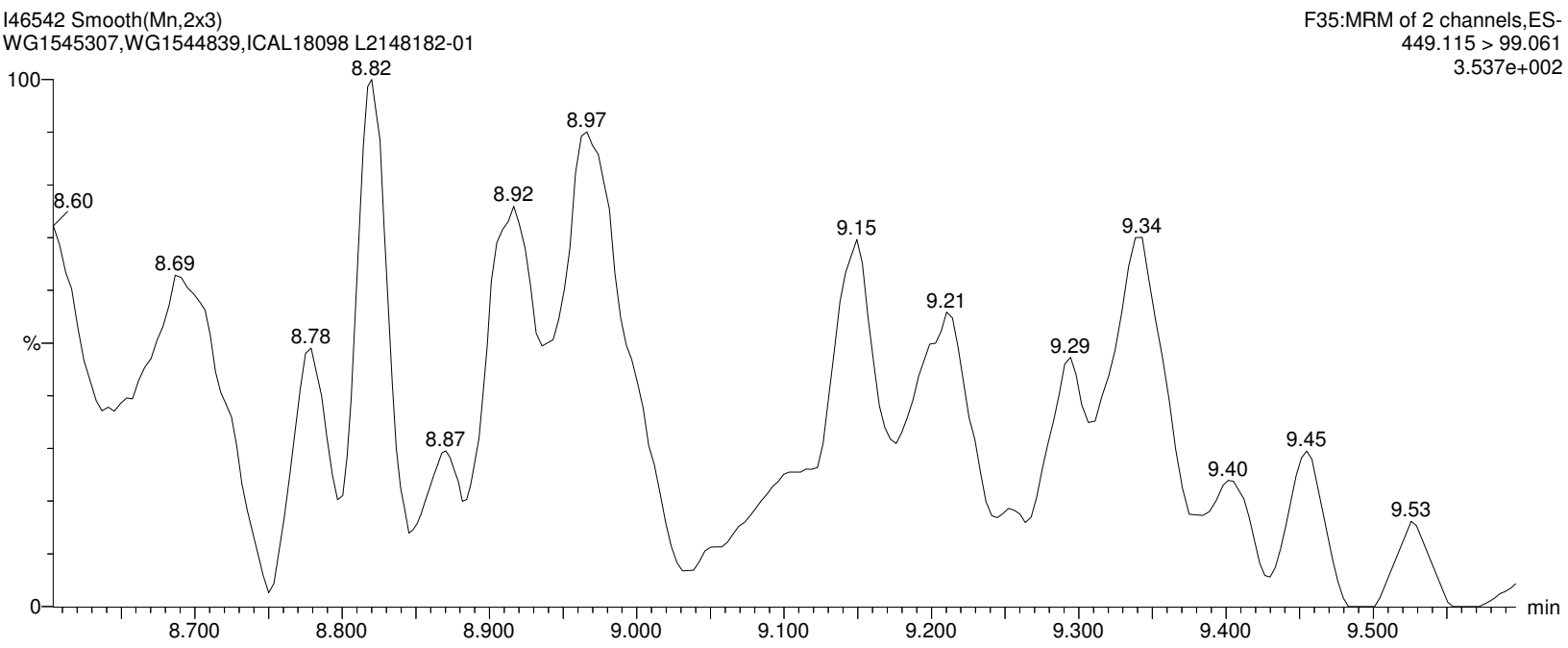
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:52 Eastern Daylight Time

Name: I46542
ID: L2148182-01
Date: 11-Sep-2021
Time: 17:31:58
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpS



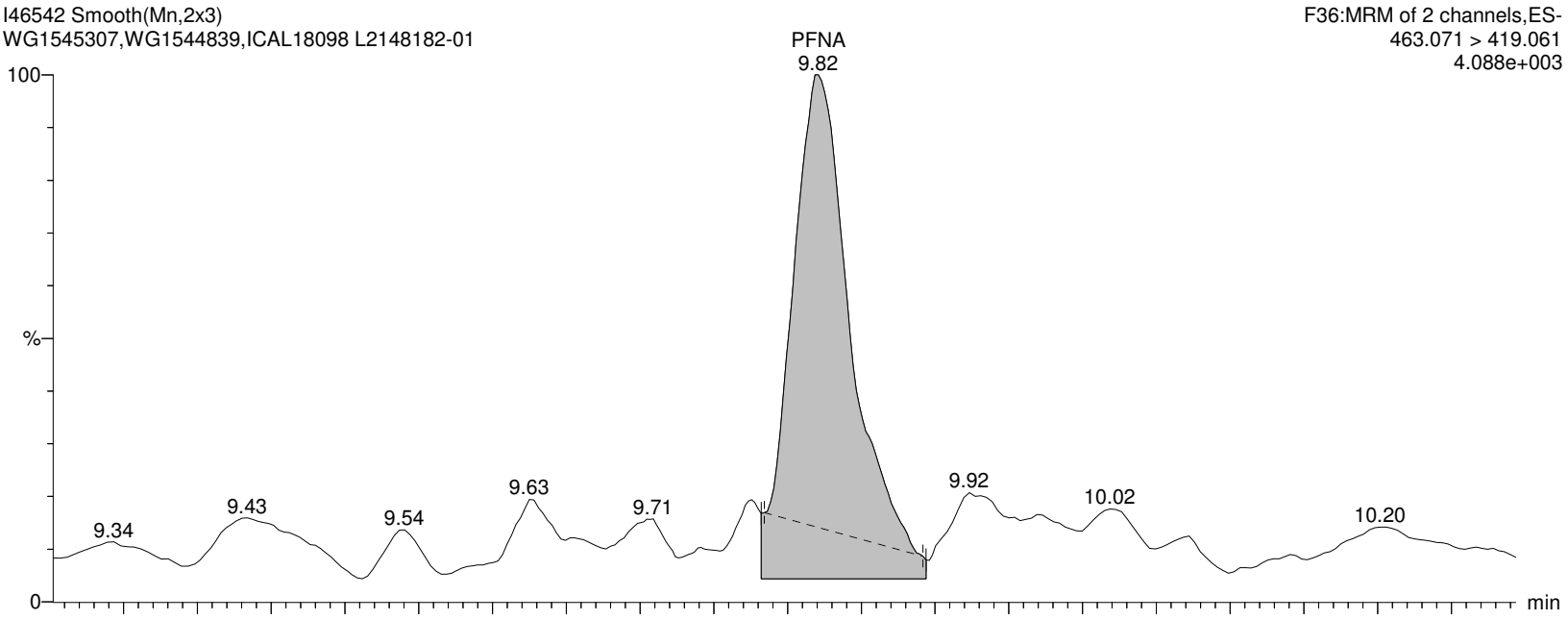


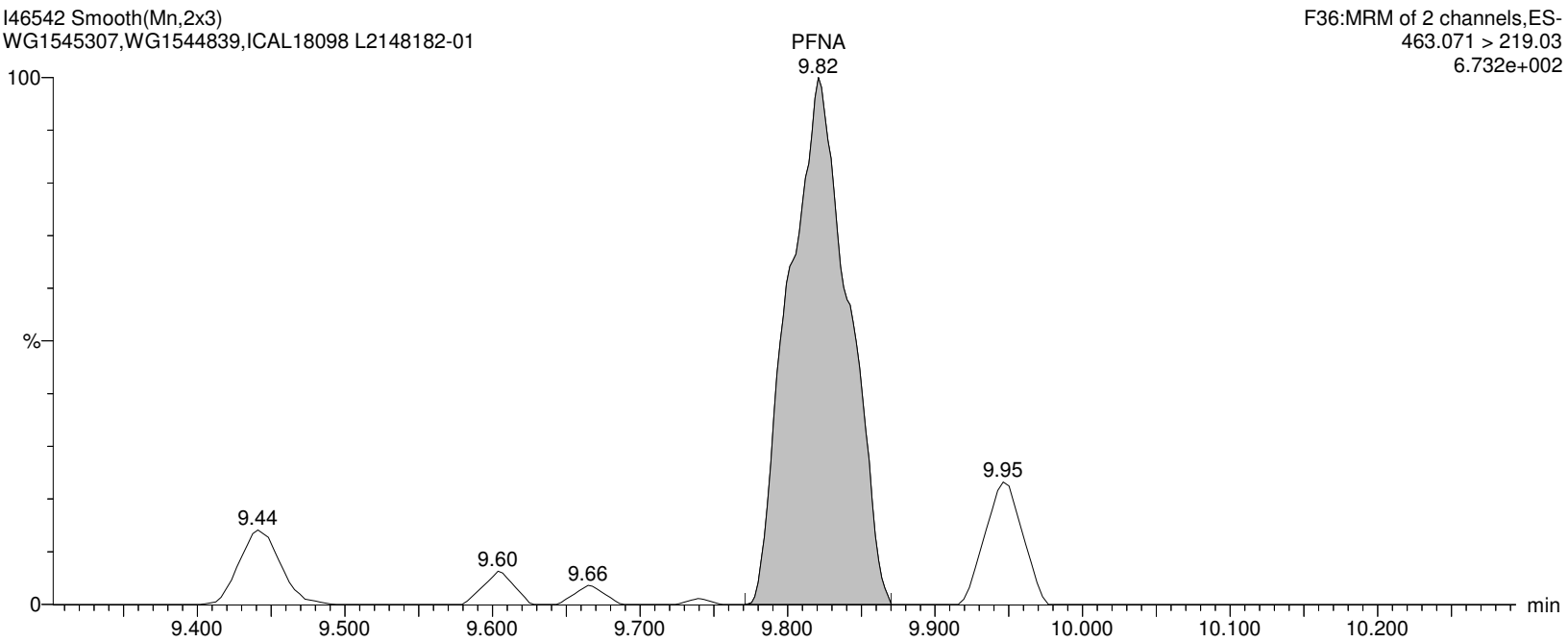
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:52 Eastern Daylight Time

Name: I46542
ID: L2148182-01
Date: 11-Sep-2021
Time: 17:31:58
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNA



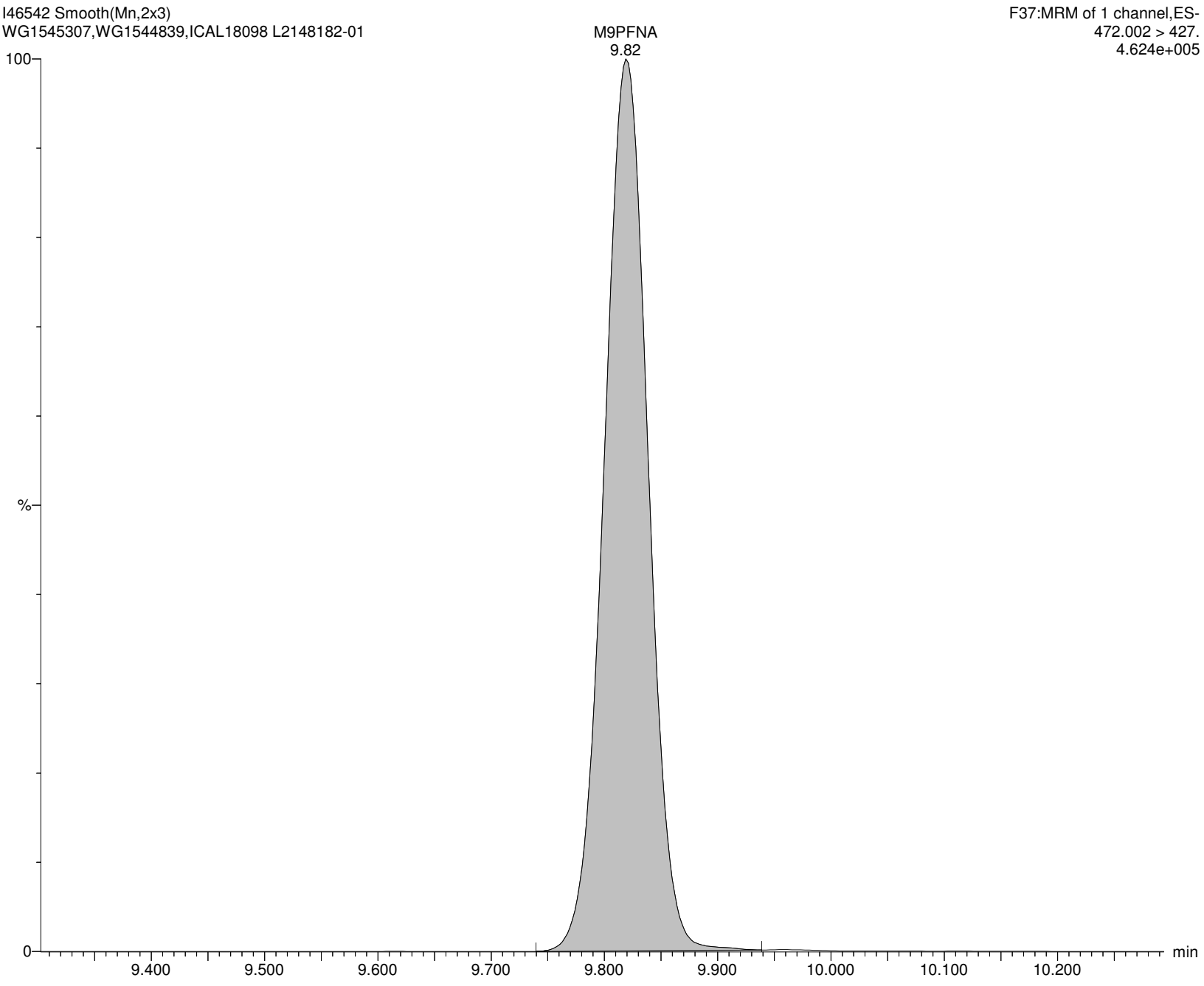


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:52 Eastern Daylight Time

Name: I46542
ID: L2148182-01
Date: 11-Sep-2021
Time: 17:31:58
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M9PFNA

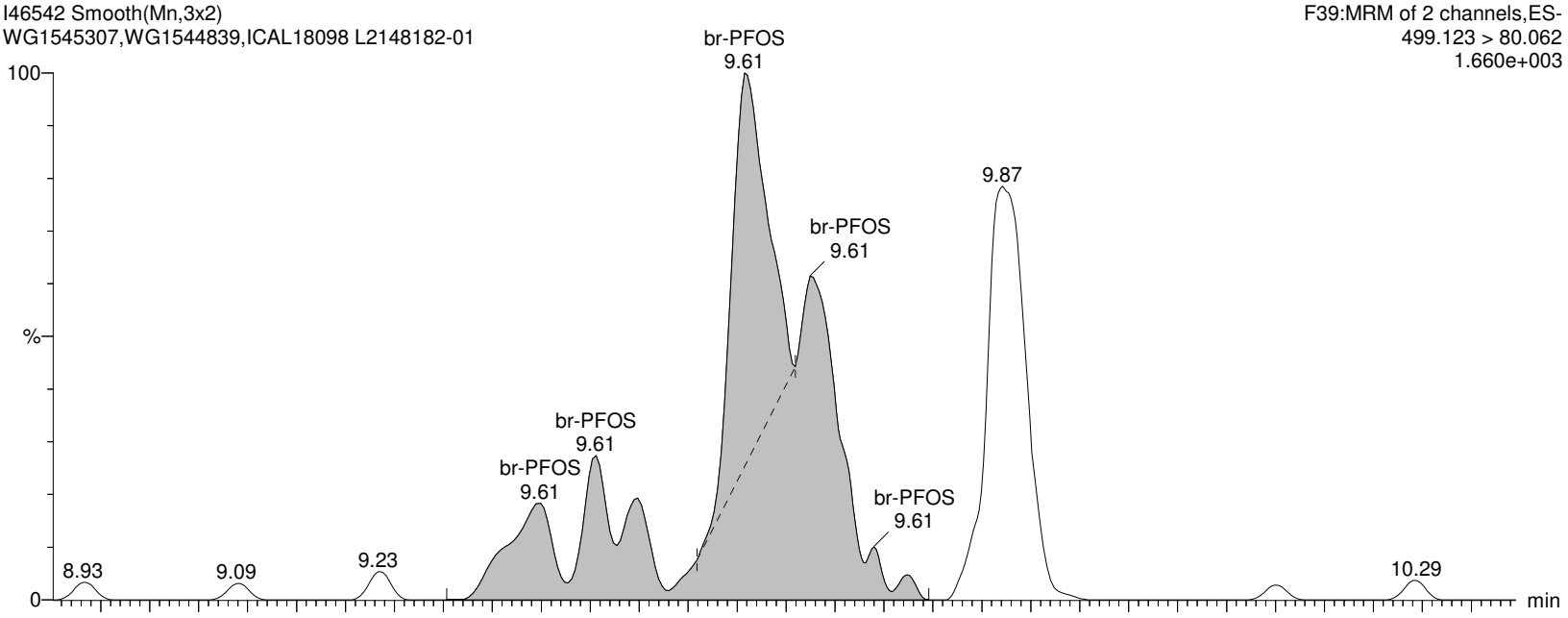


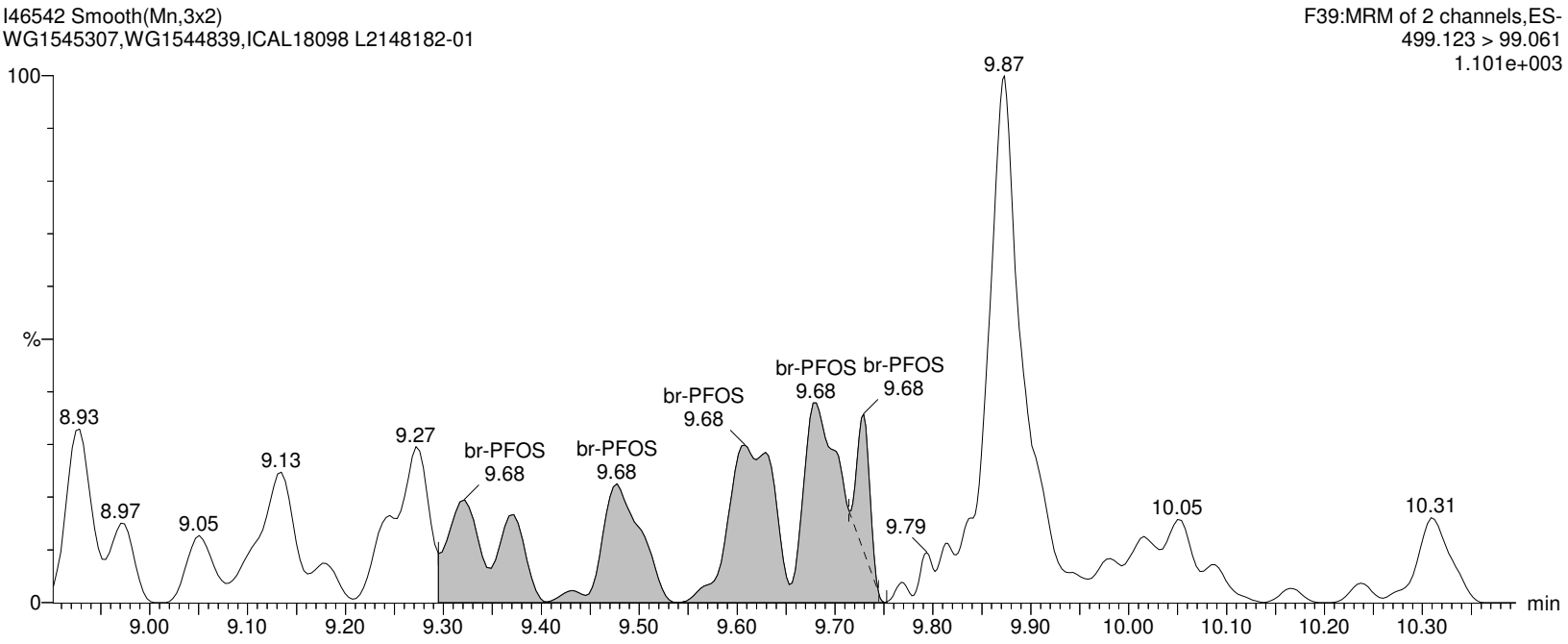
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:52 Eastern Daylight Time

Name: I46542
ID: L2148182-01
Date: 11-Sep-2021
Time: 17:31:58
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOS



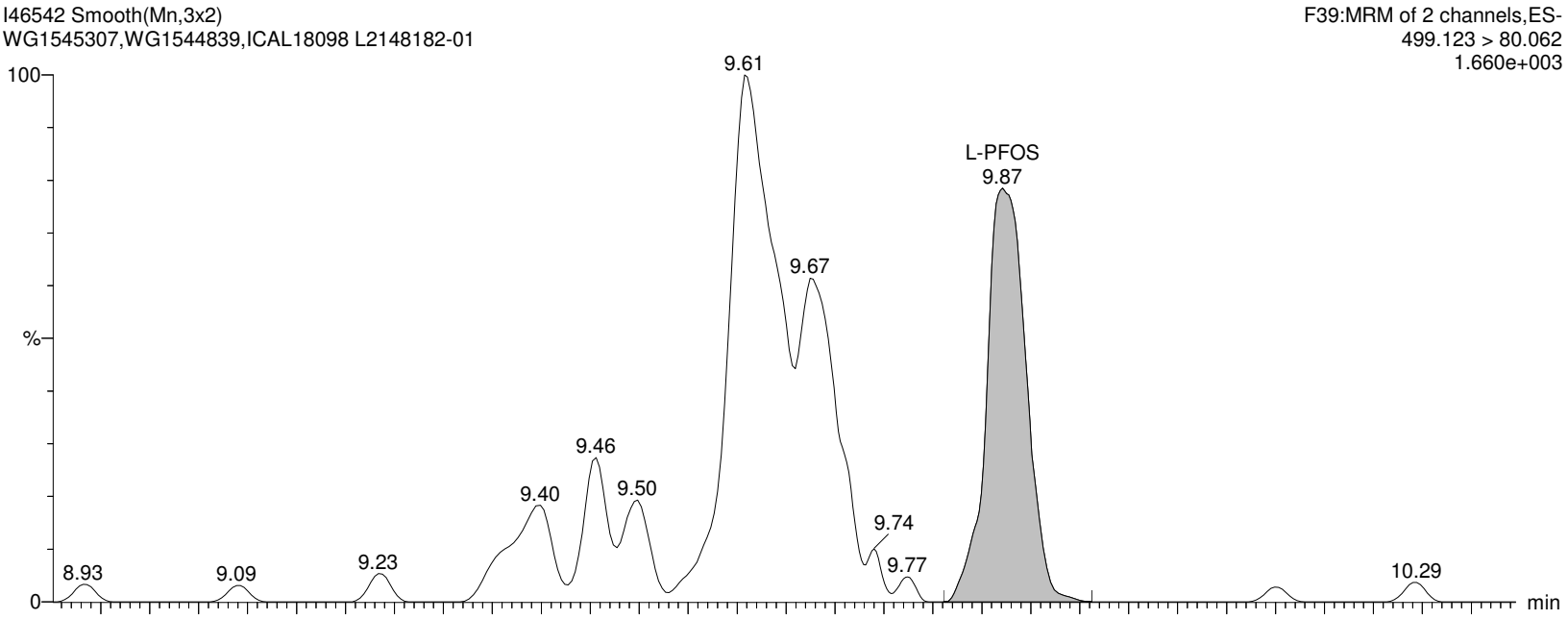


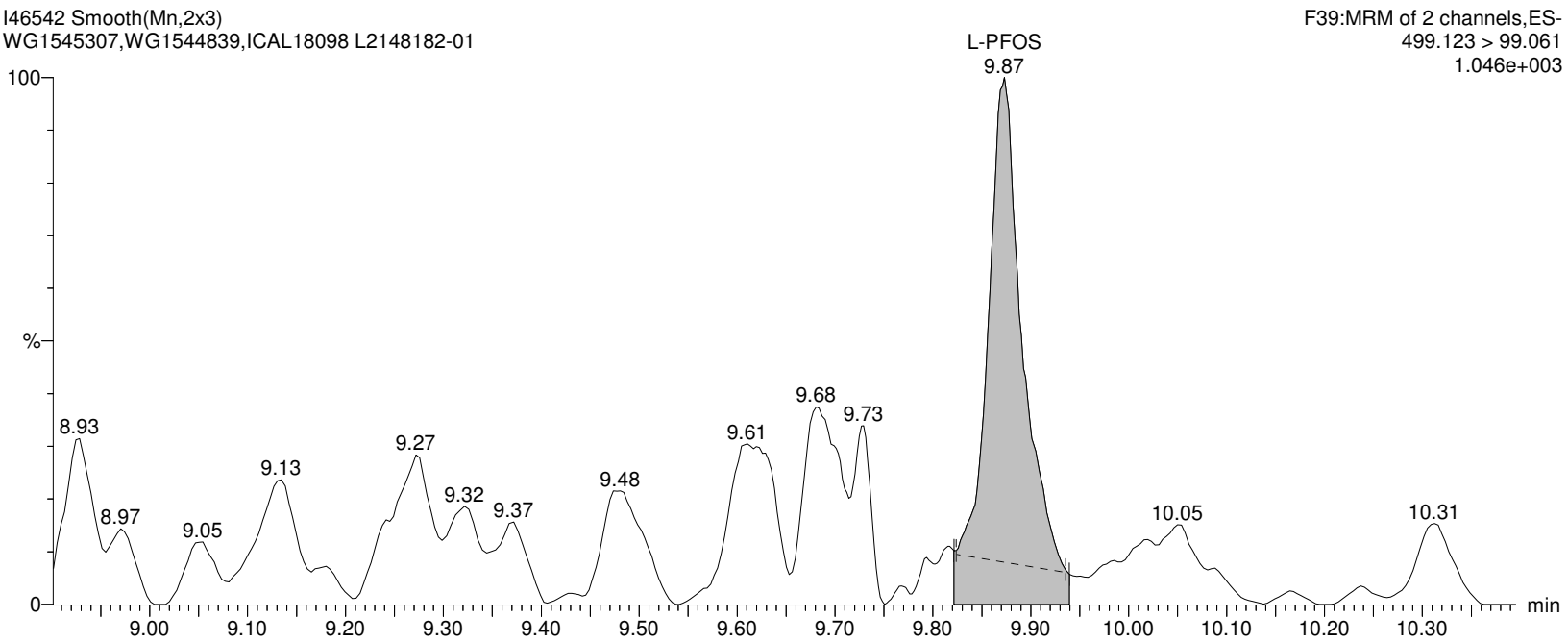
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:52 Eastern Daylight Time

Name: I46542
ID: L2148182-01
Date: 11-Sep-2021
Time: 17:31:58
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOS



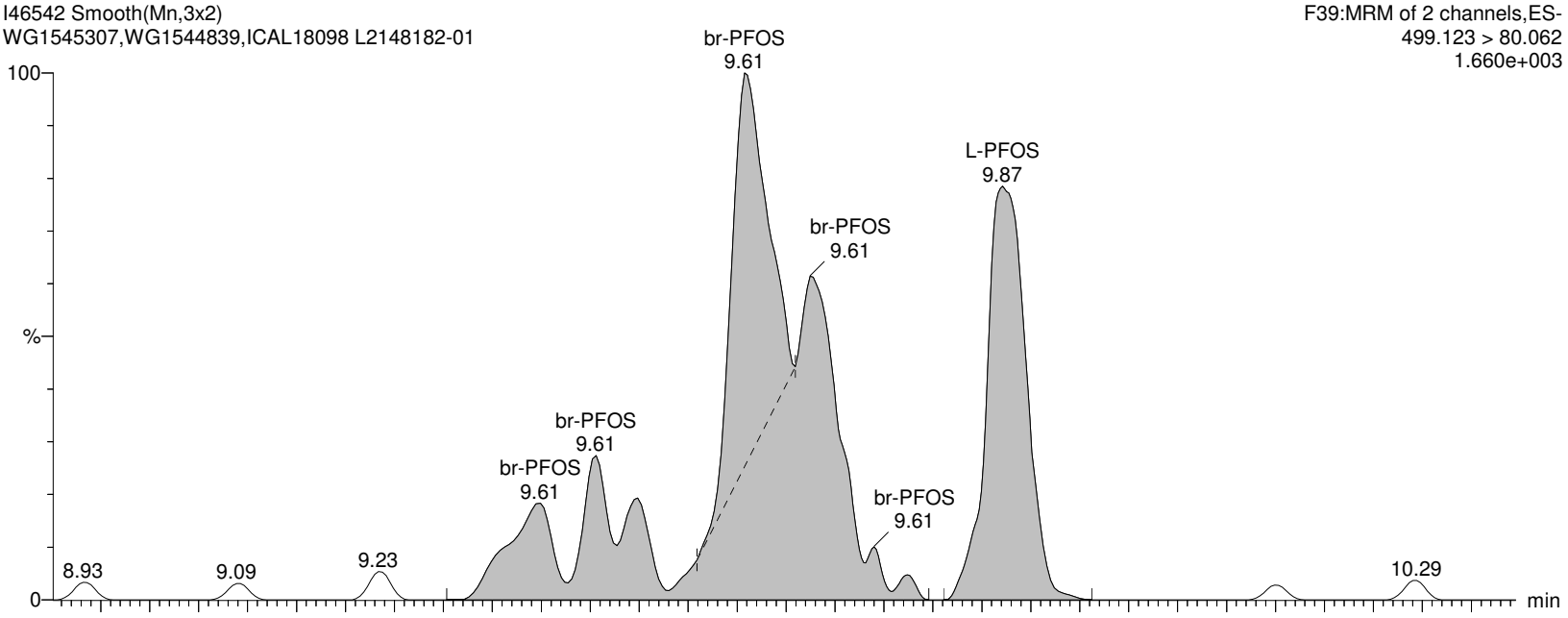


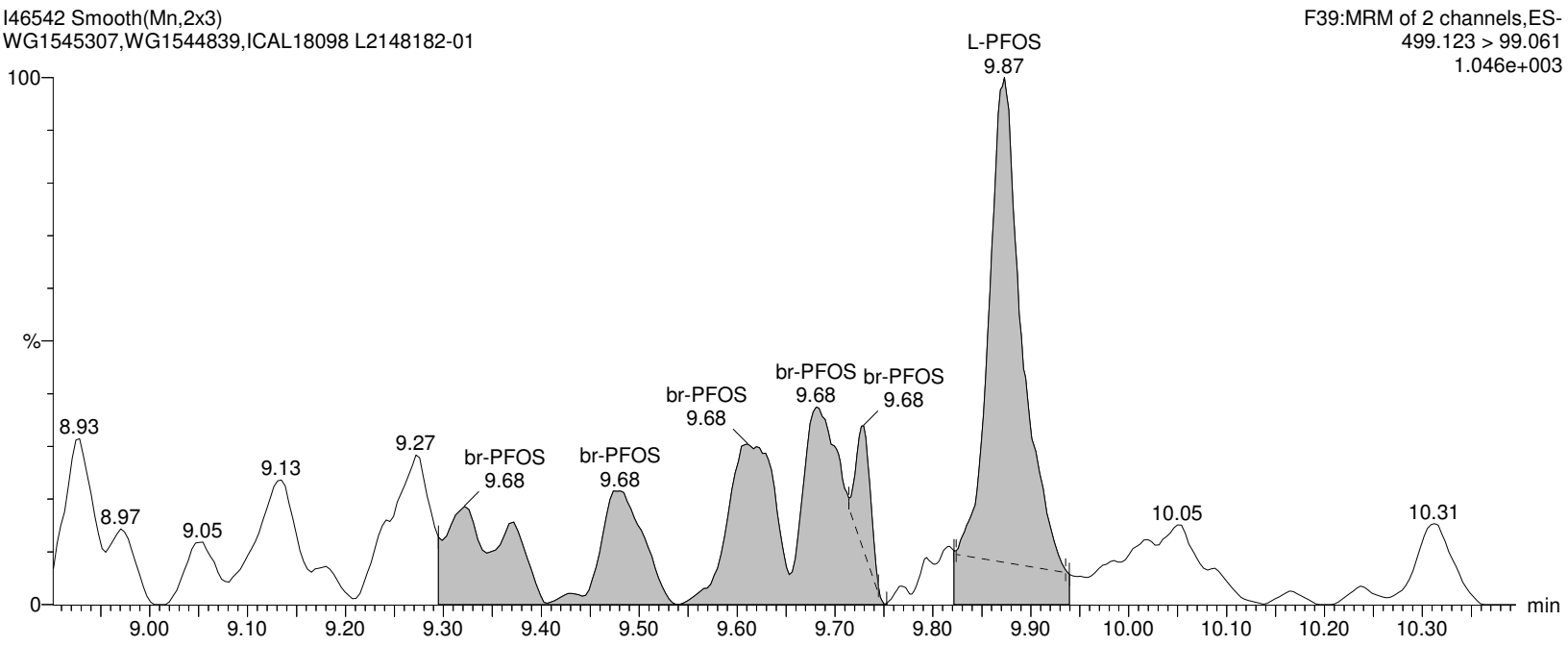
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:52 Eastern Daylight Time

Name: I46542
ID: L2148182-01
Date: 11-Sep-2021
Time: 17:31:58
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOS



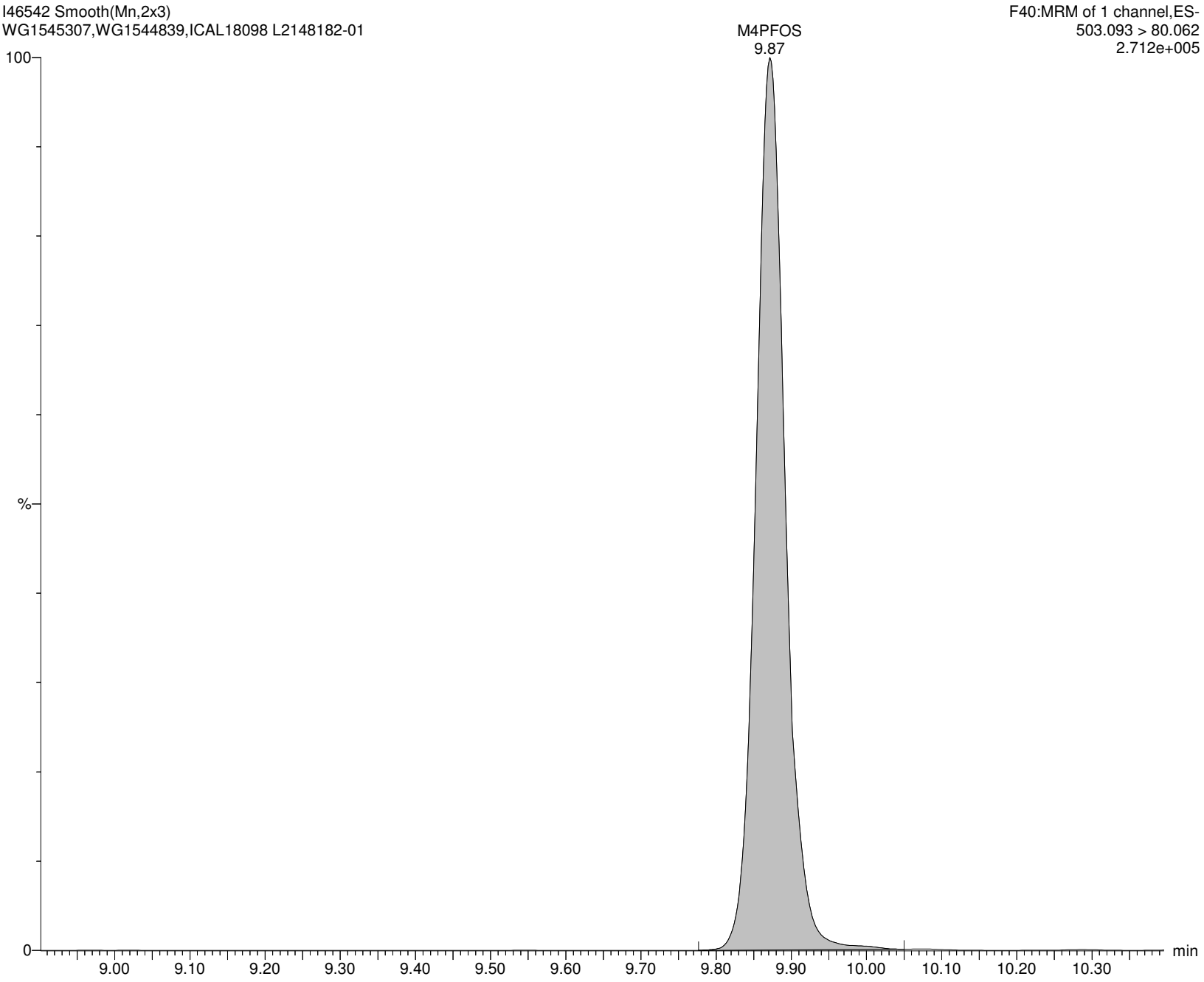


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:52 Eastern Daylight Time

Name: I46542
ID: L2148182-01
Date: 11-Sep-2021
Time: 17:31:58
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOS

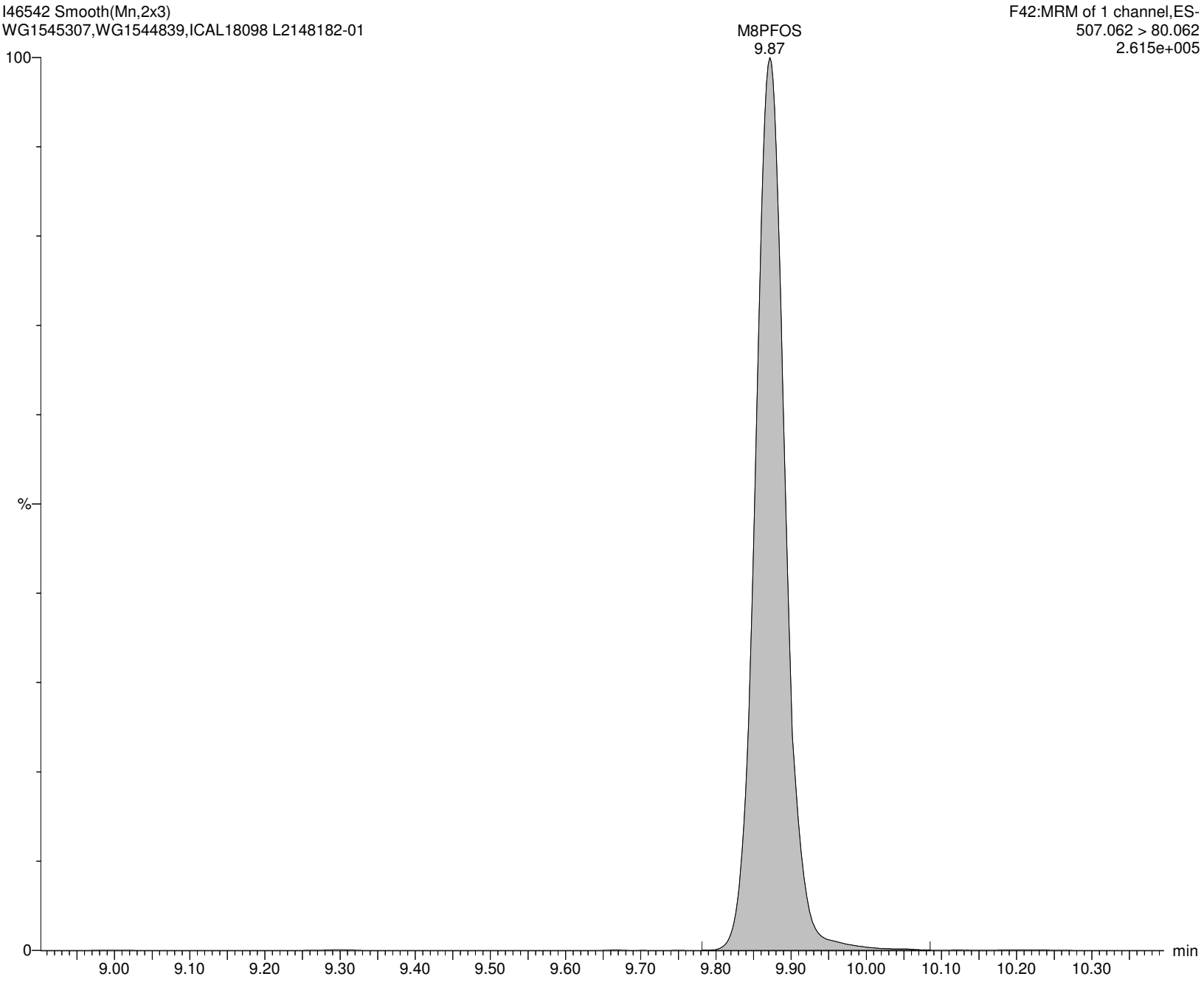


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:52 Eastern Daylight Time

Name: I46542
ID: L2148182-01
Date: 11-Sep-2021
Time: 17:31:58
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOS

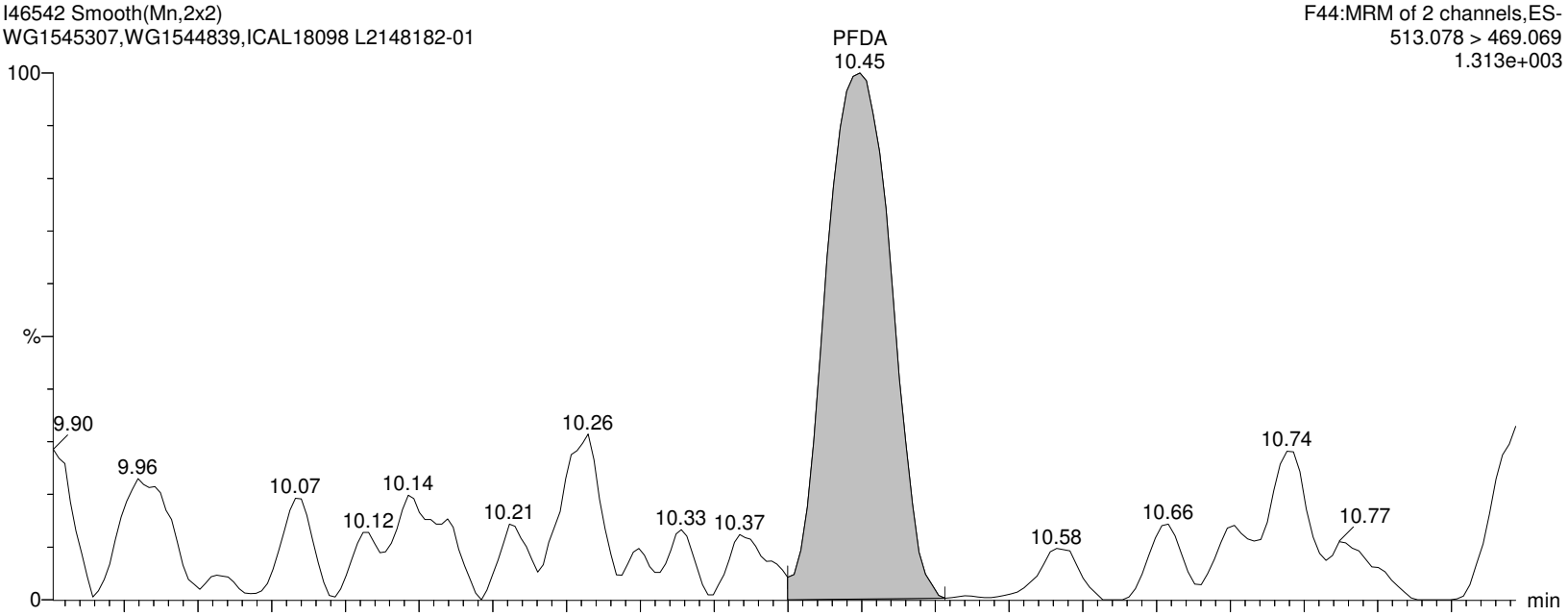


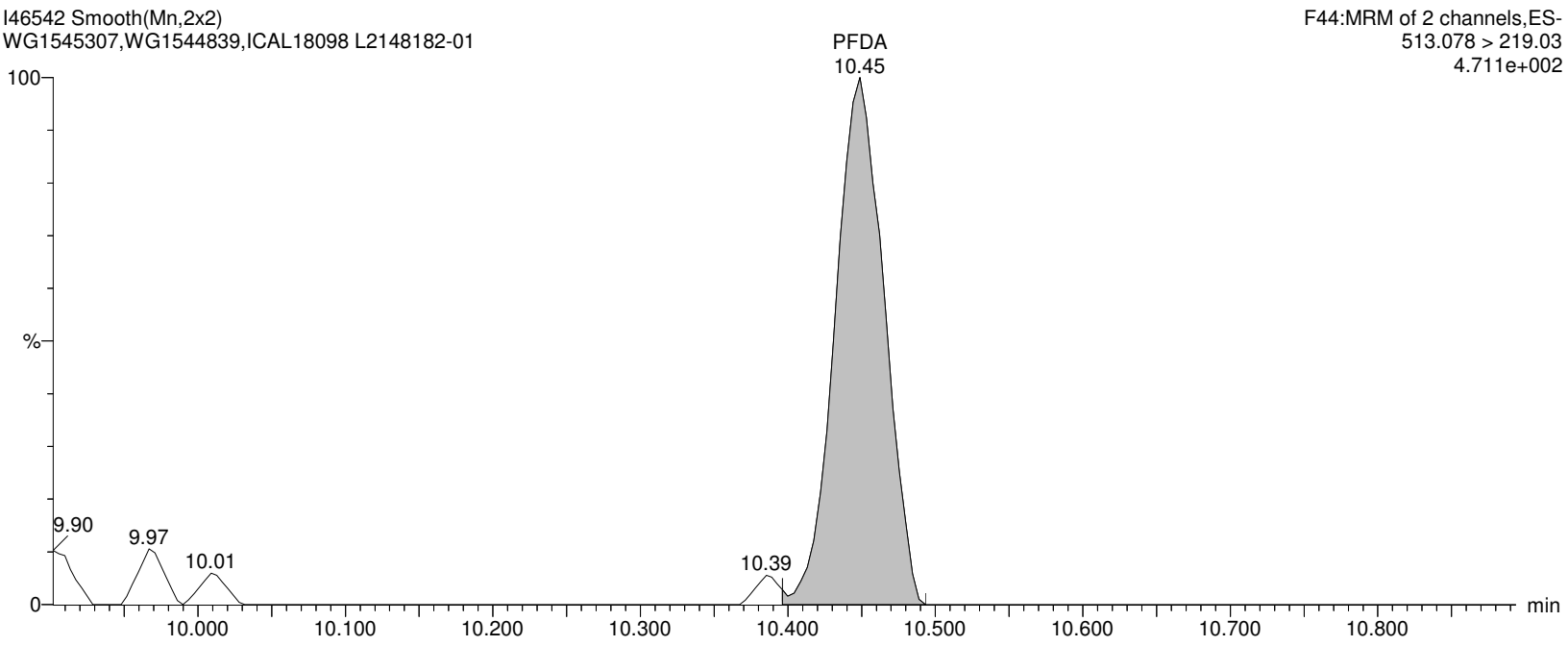
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:52 Eastern Daylight Time

Name: I46542
ID: L2148182-01
Date: 11-Sep-2021
Time: 17:31:58
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDA



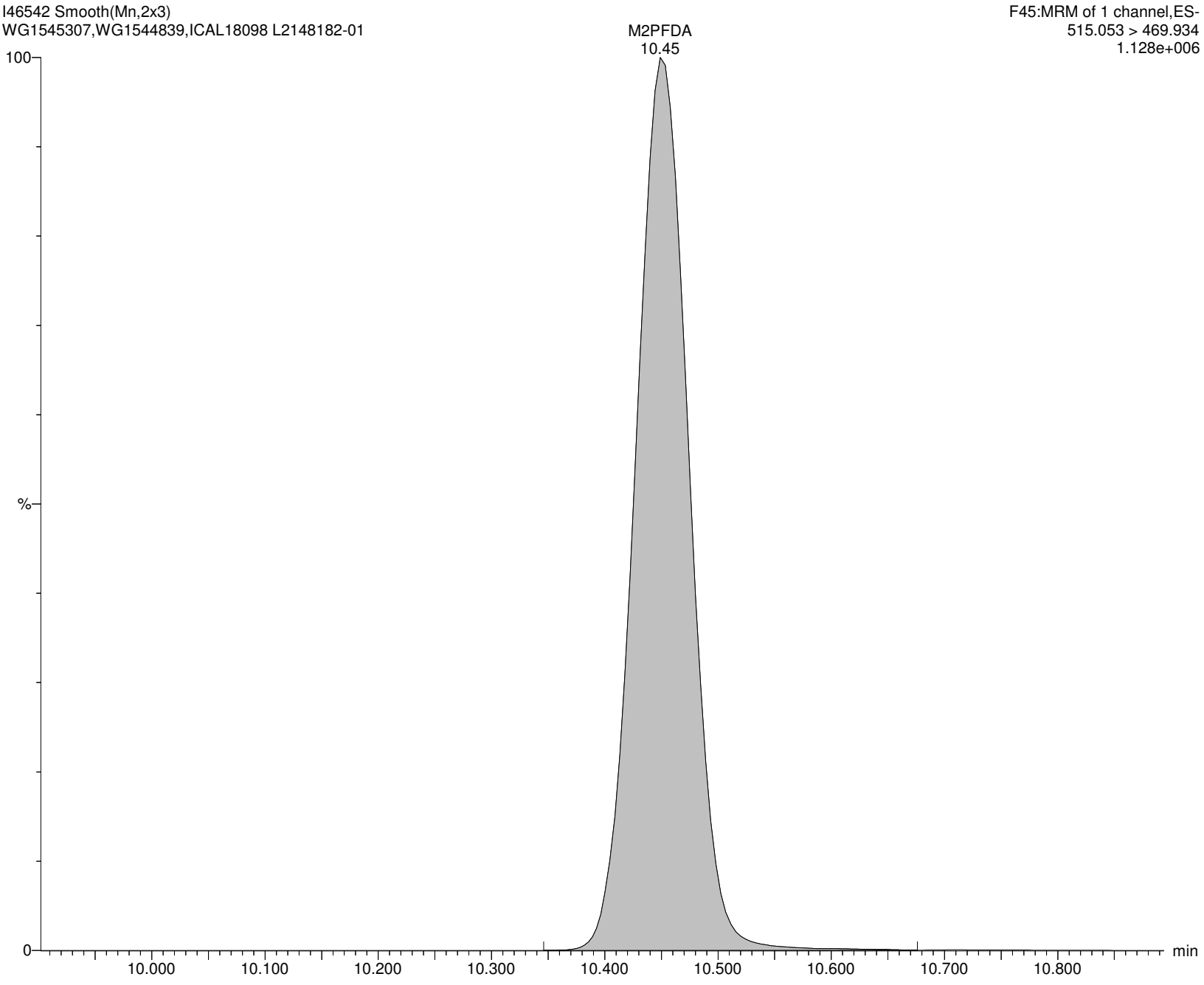


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:52 Eastern Daylight Time

Name: I46542
ID: L2148182-01
Date: 11-Sep-2021
Time: 17:31:58
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFDA

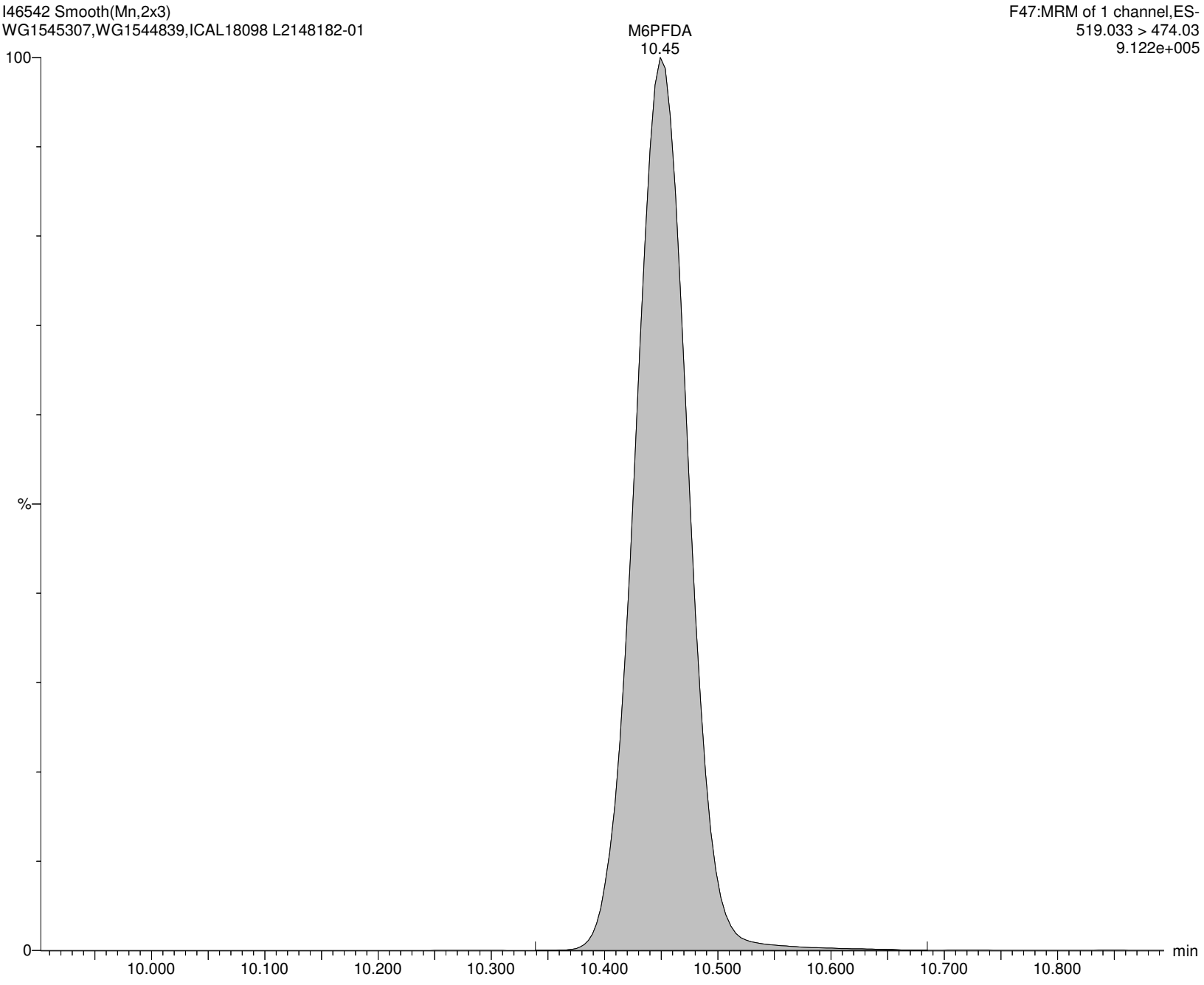


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:52 Eastern Daylight Time

Name: I46542
ID: L2148182-01
Date: 11-Sep-2021
Time: 17:31:58
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M6PFDA

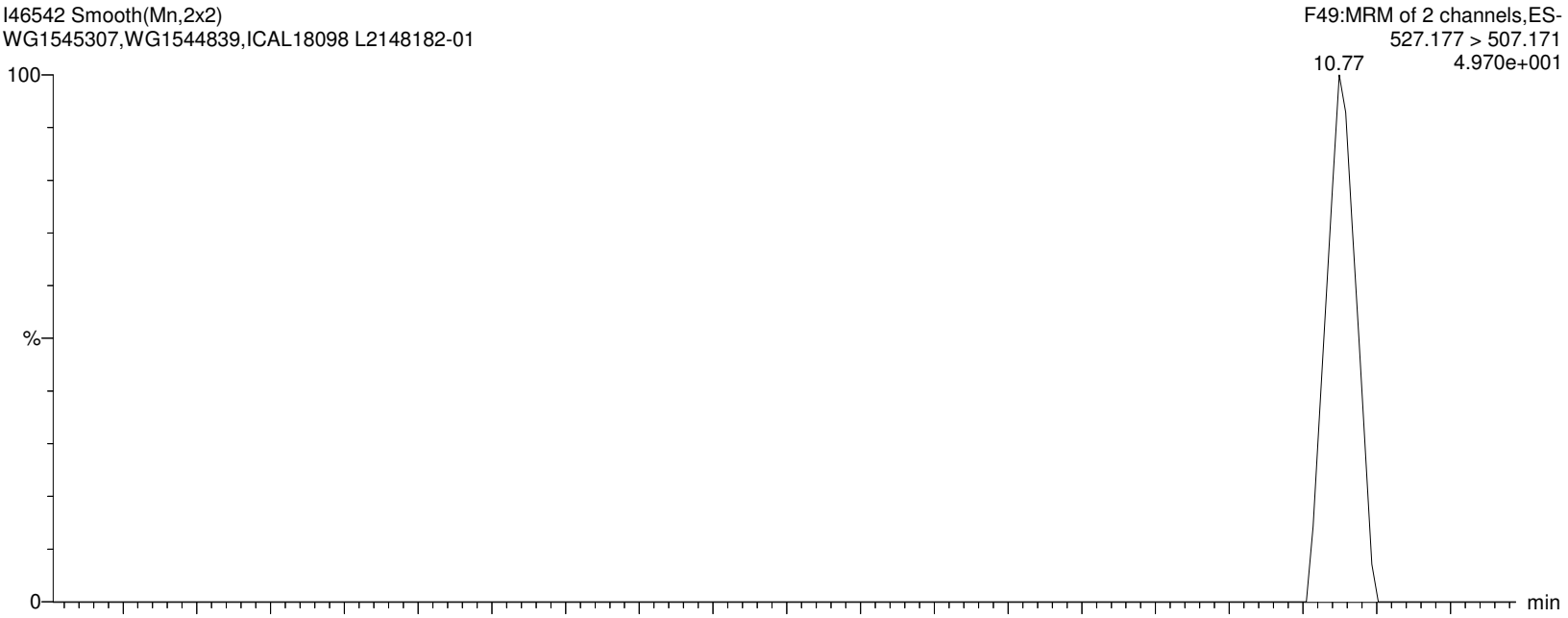


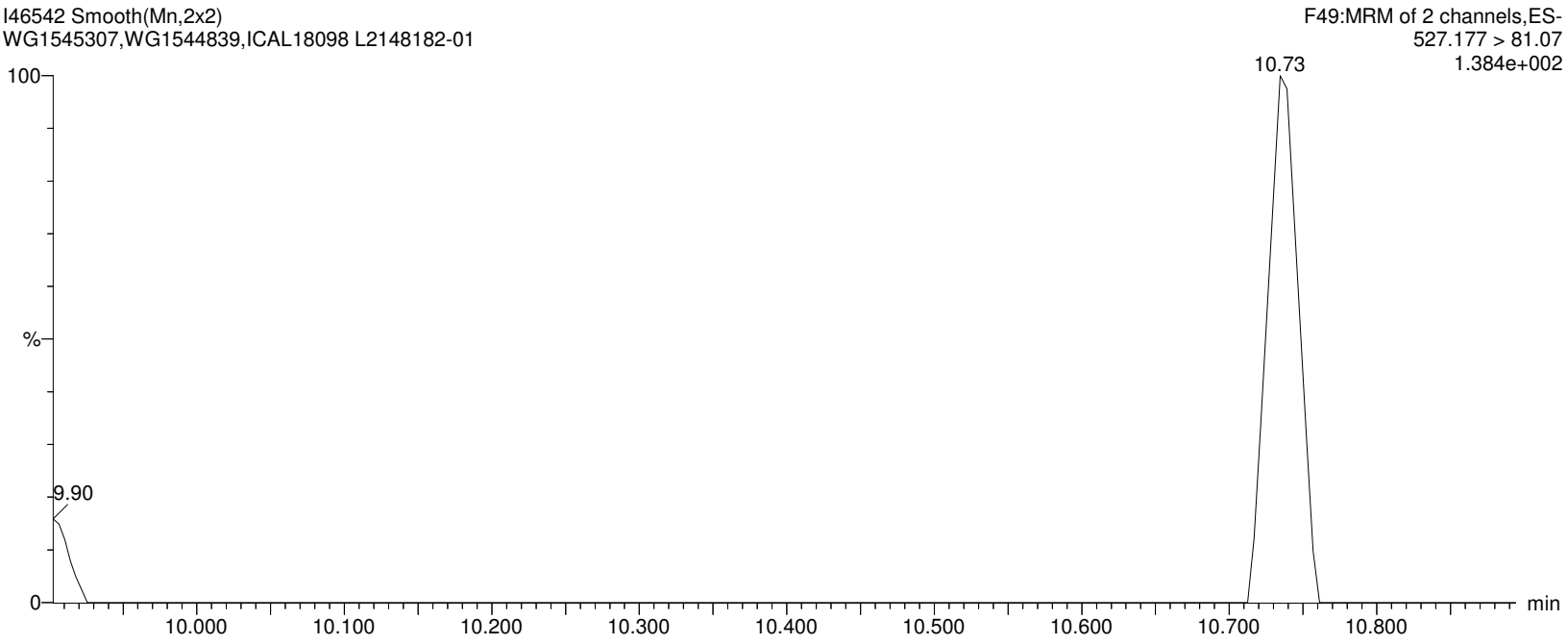
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:52 Eastern Daylight Time

Name: I46542
ID: L2148182-01
Date: 11-Sep-2021
Time: 17:31:58
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

8:2FTS



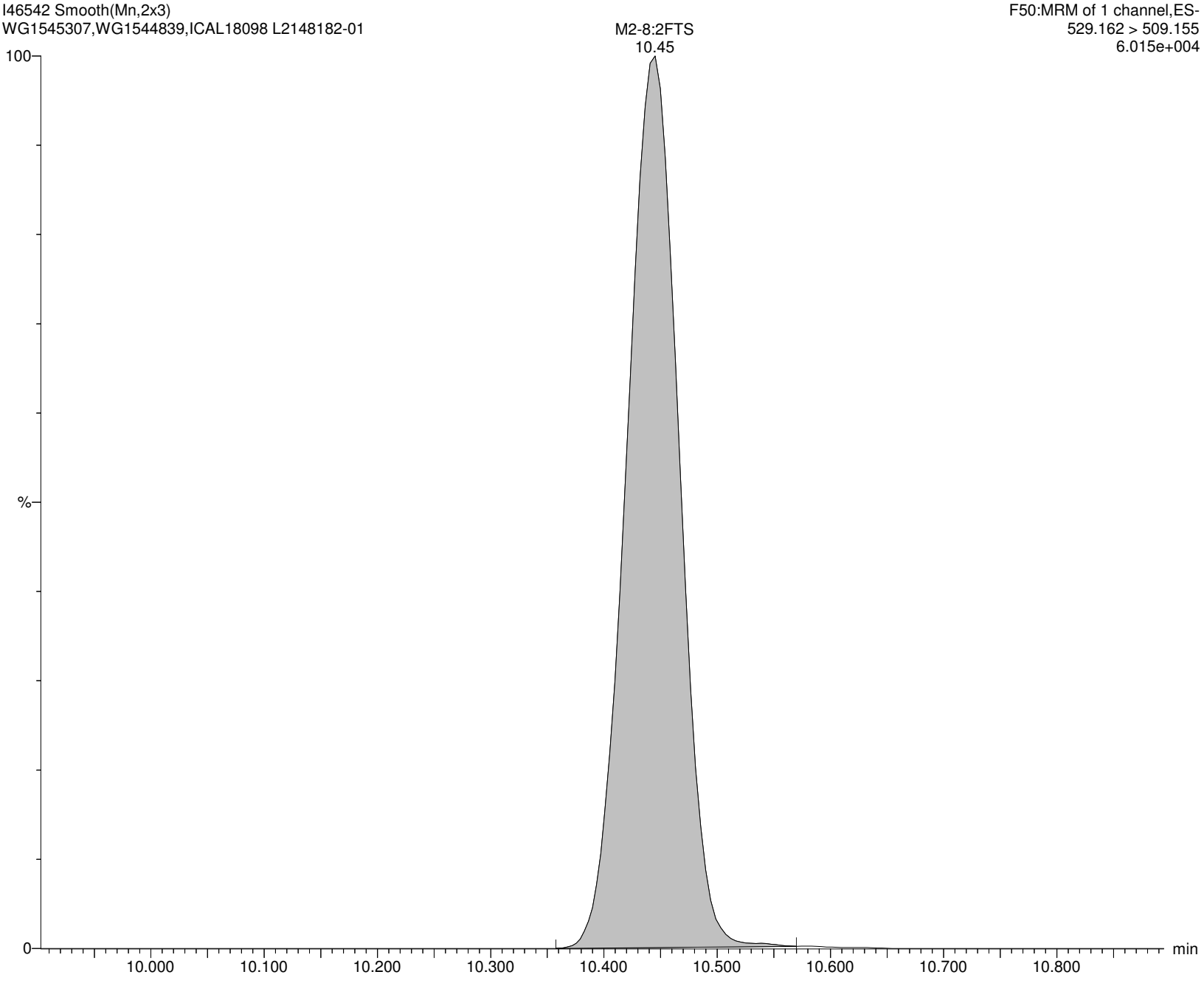


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:52 Eastern Daylight Time

Name: I46542
ID: L2148182-01
Date: 11-Sep-2021
Time: 17:31:58
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-8:2FTS

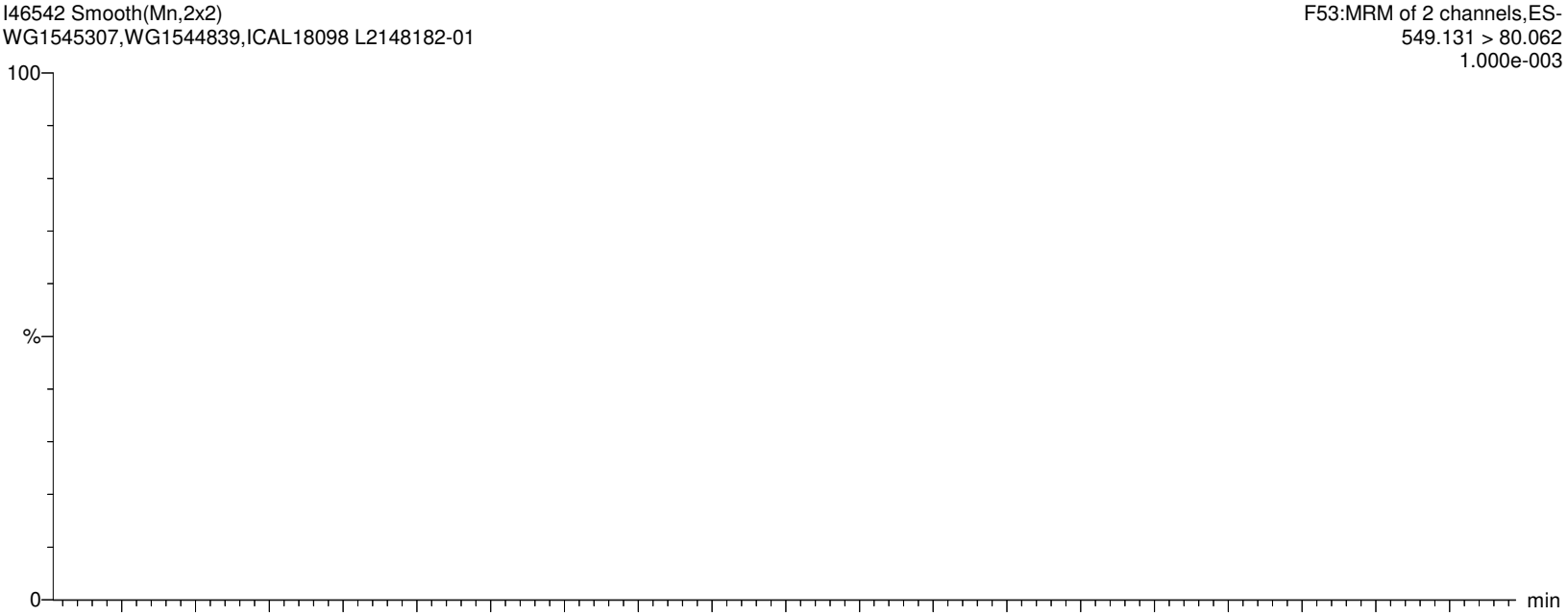


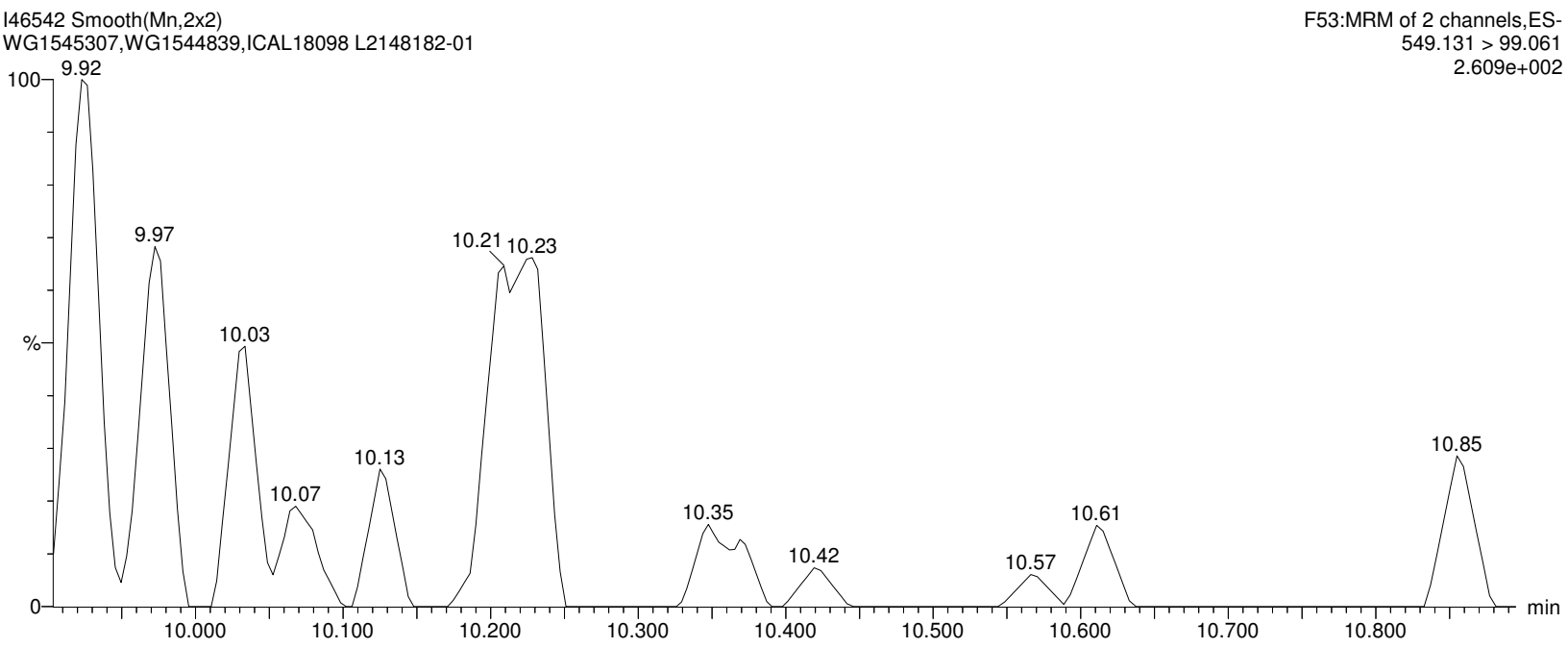
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:52 Eastern Daylight Time

Name: I46542
ID: L2148182-01
Date: 11-Sep-2021
Time: 17:31:58
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNS



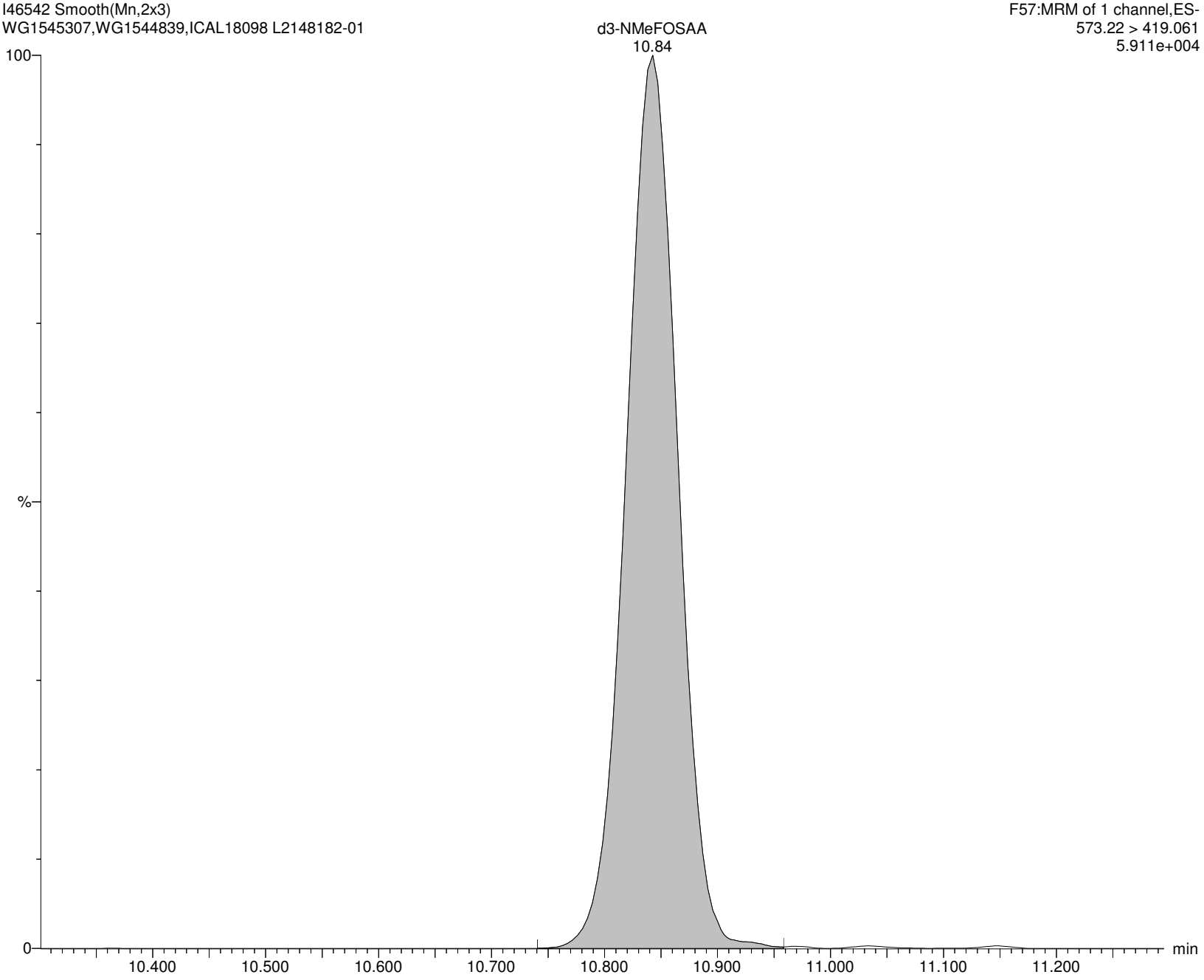


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:52 Eastern Daylight Time

Name: I46542
ID: L2148182-01
Date: 11-Sep-2021
Time: 17:31:58
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSAA

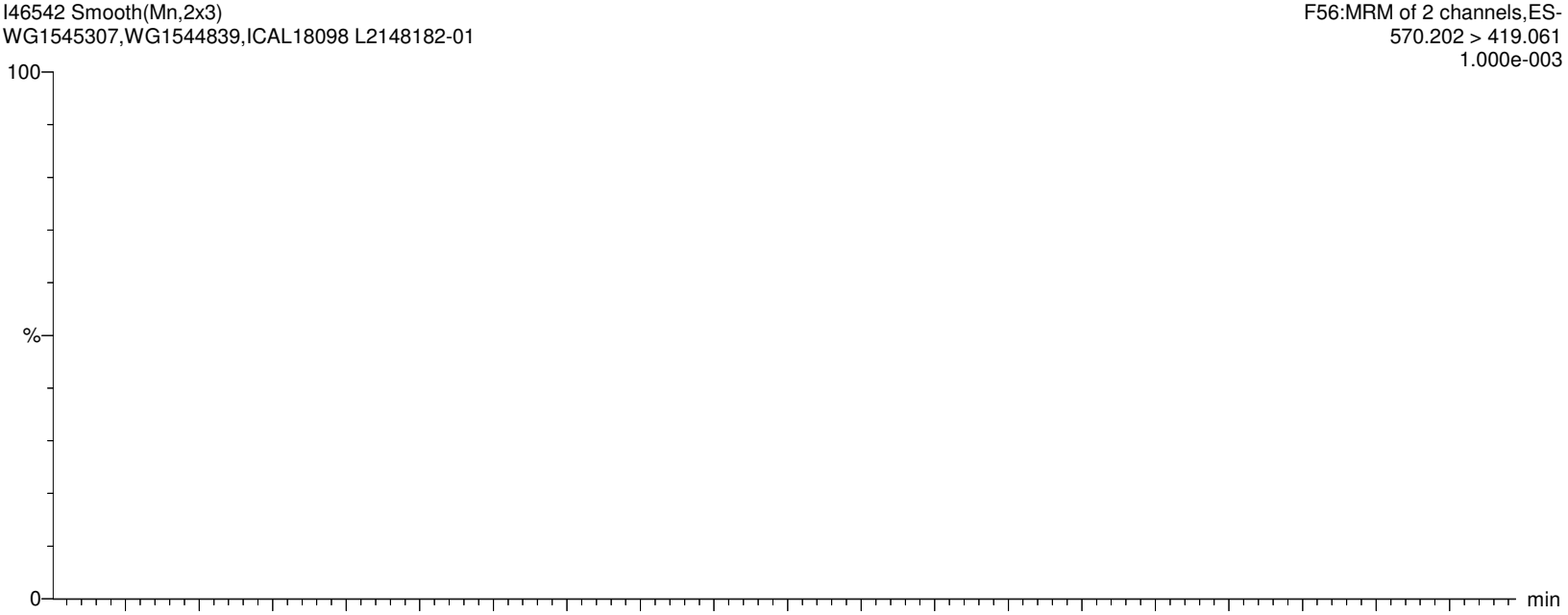


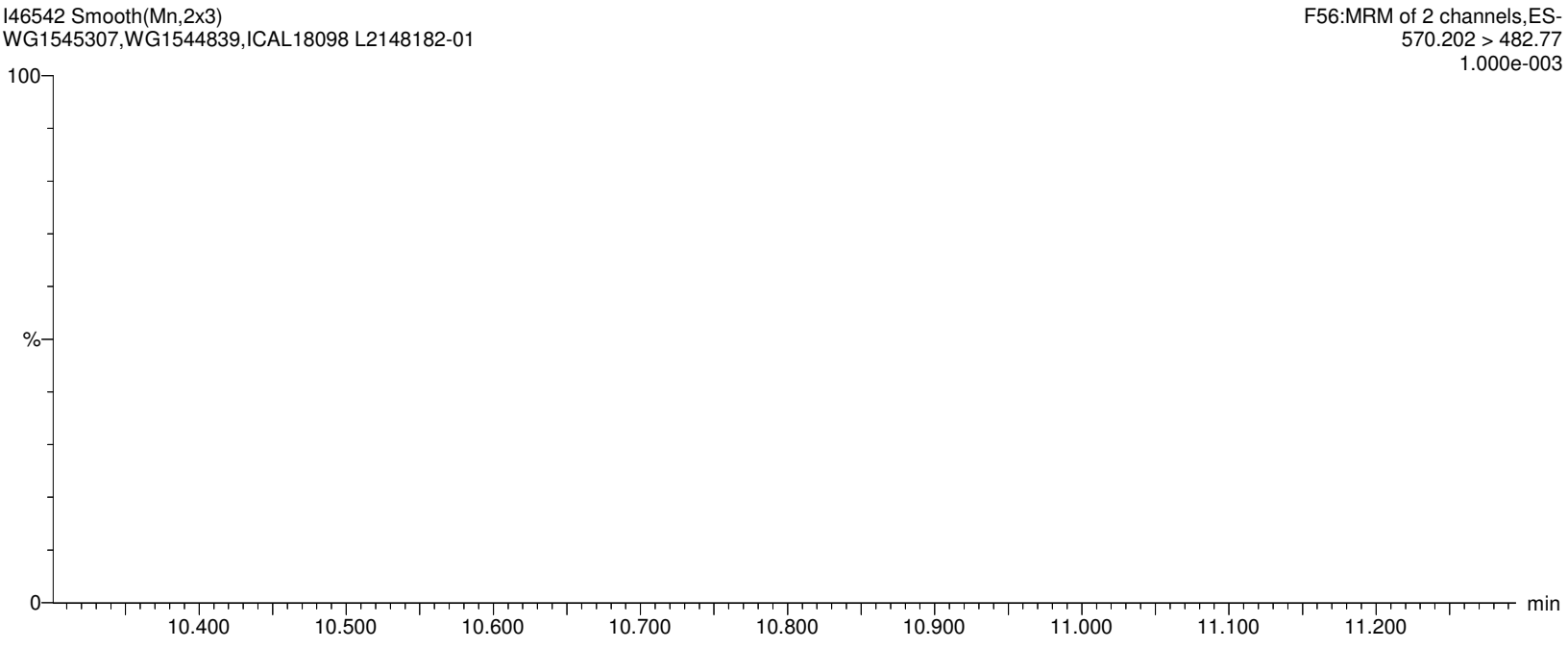
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:52 Eastern Daylight Time

Name: I46542
ID: L2148182-01
Date: 11-Sep-2021
Time: 17:31:58
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NMeFOSAA



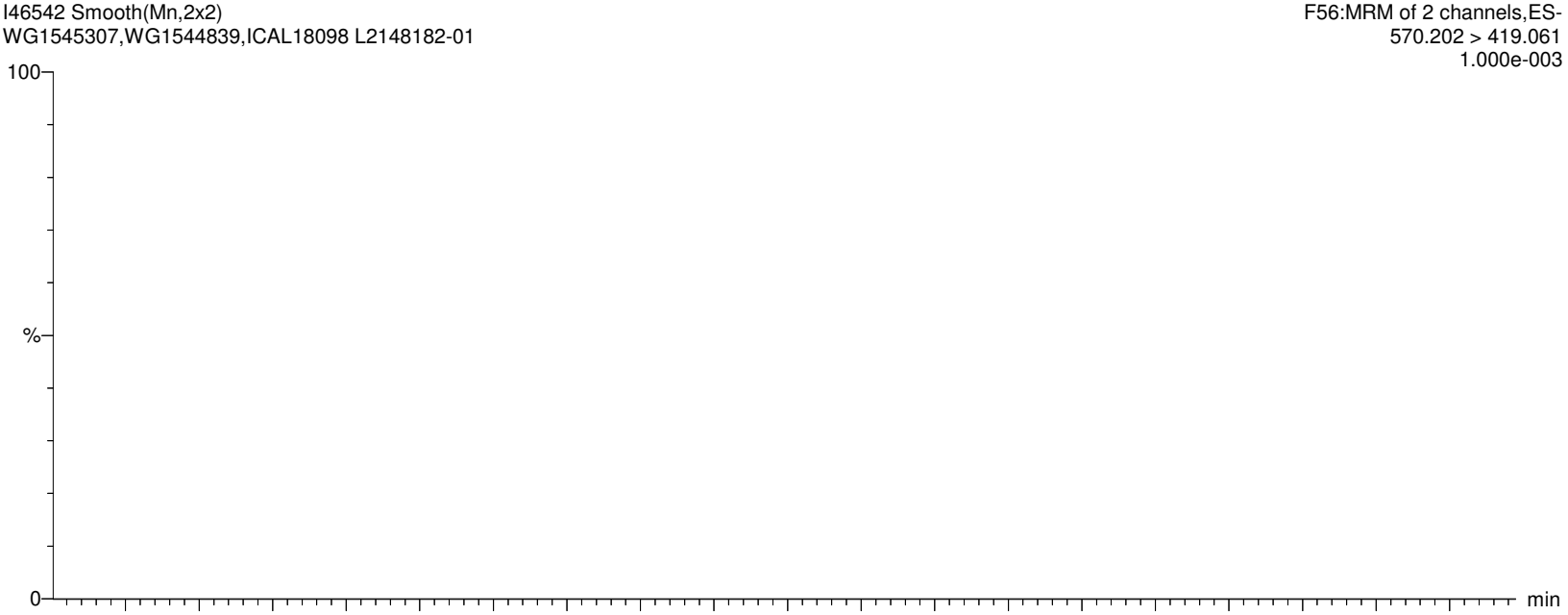


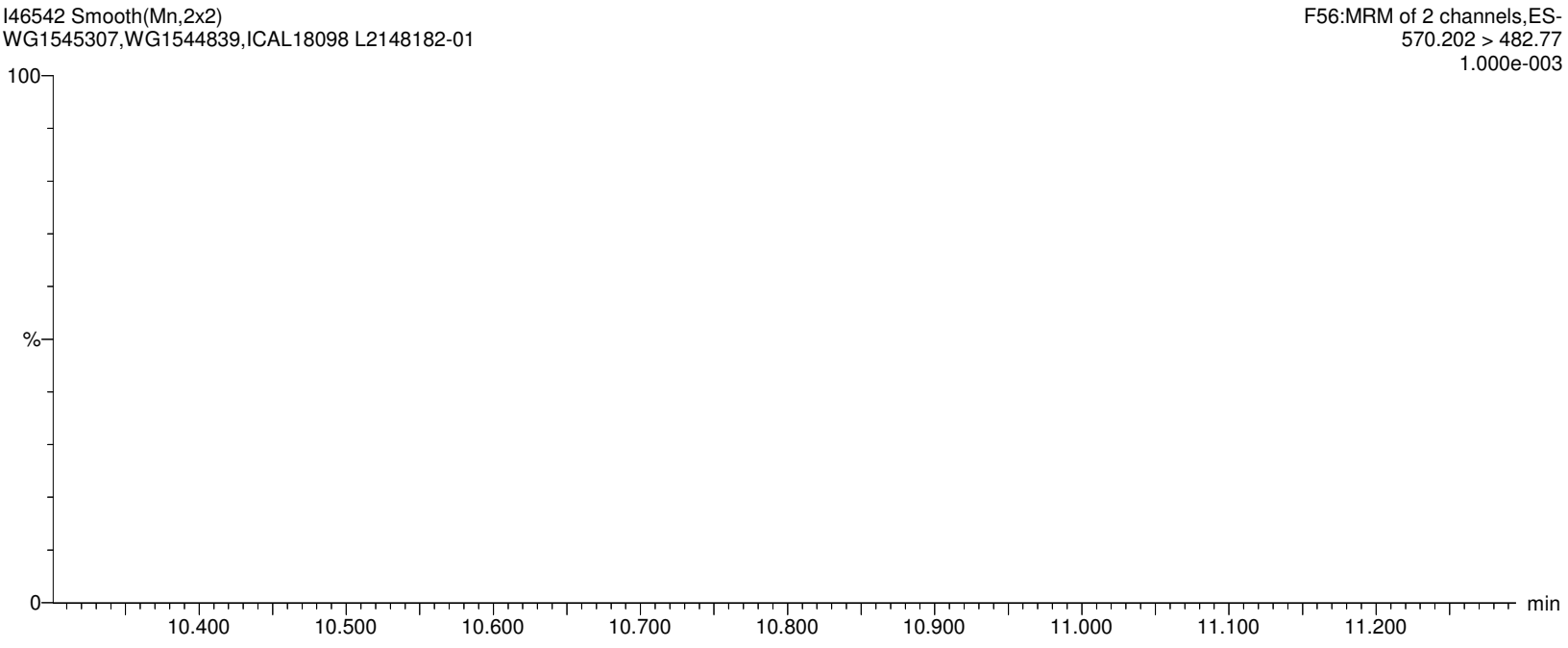
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:52 Eastern Daylight Time

Name: I46542
ID: L2148182-01
Date: 11-Sep-2021
Time: 17:31:58
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NMeFOSAA



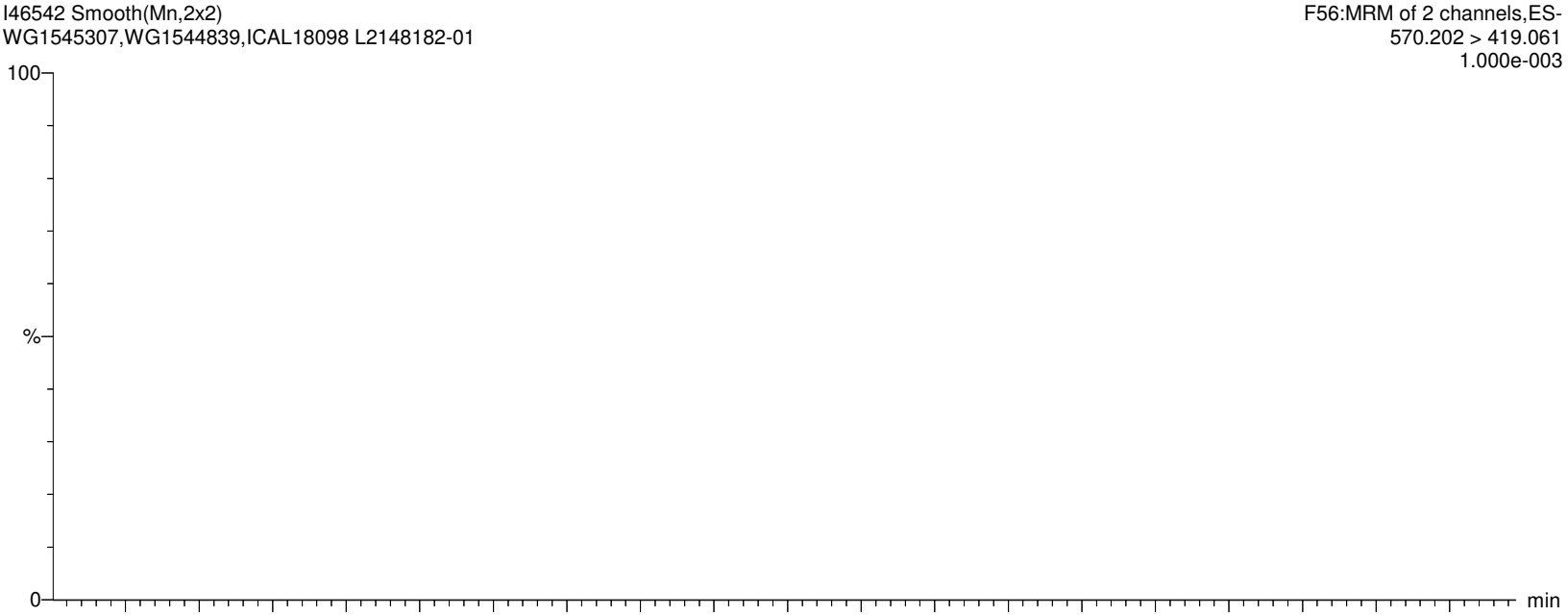


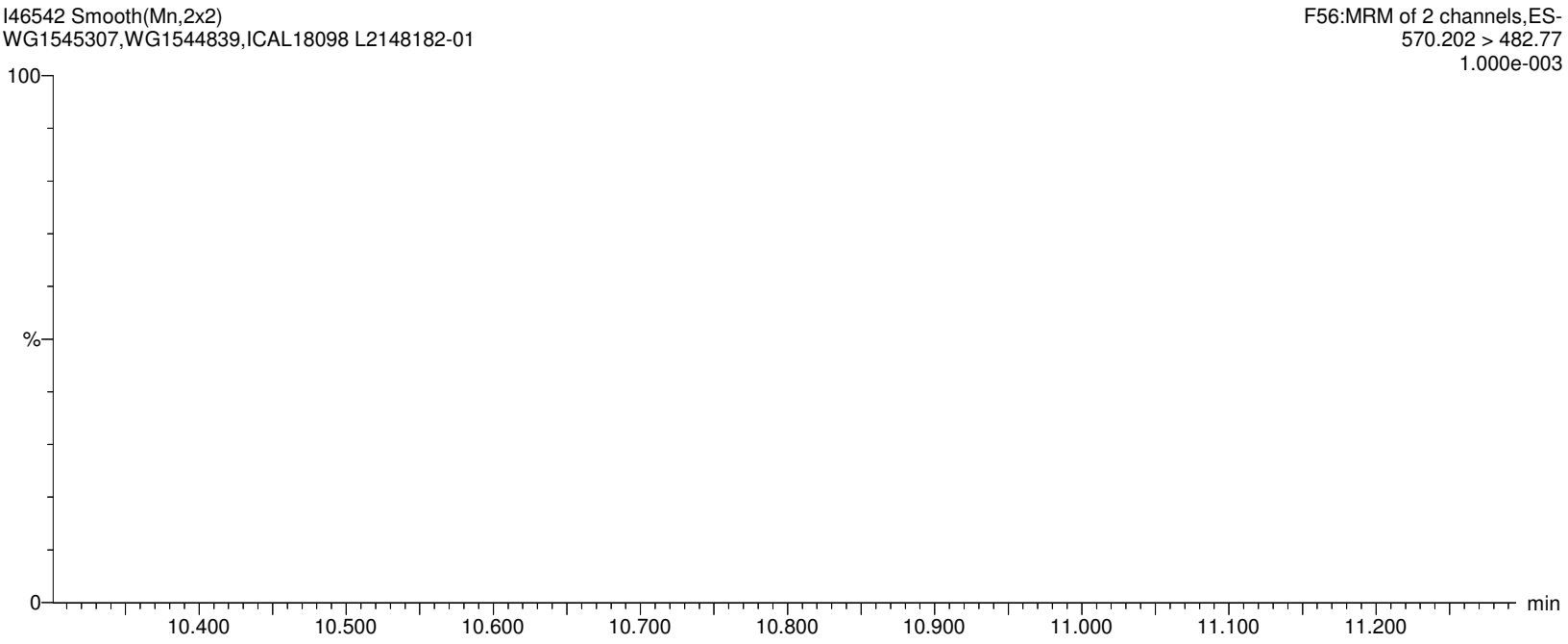
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:52 Eastern Daylight Time

Name: I46542
ID: L2148182-01
Date: 11-Sep-2021
Time: 17:31:58
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSAA



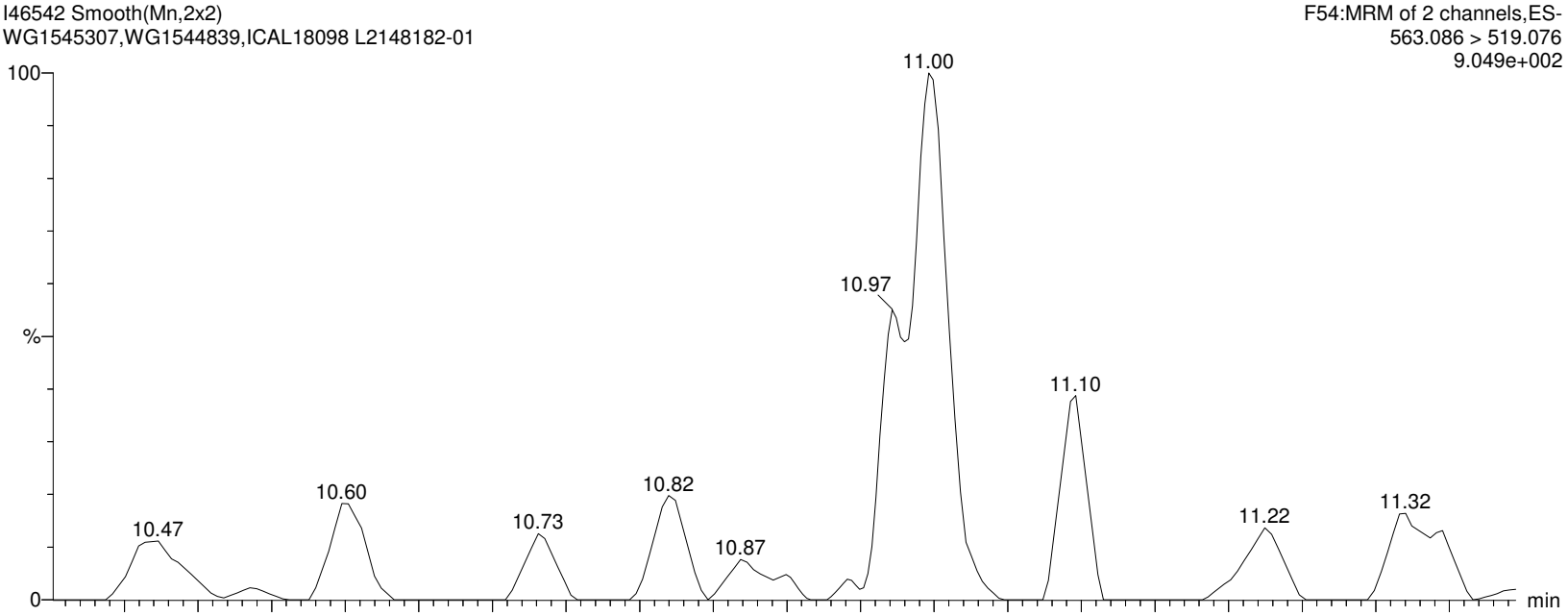


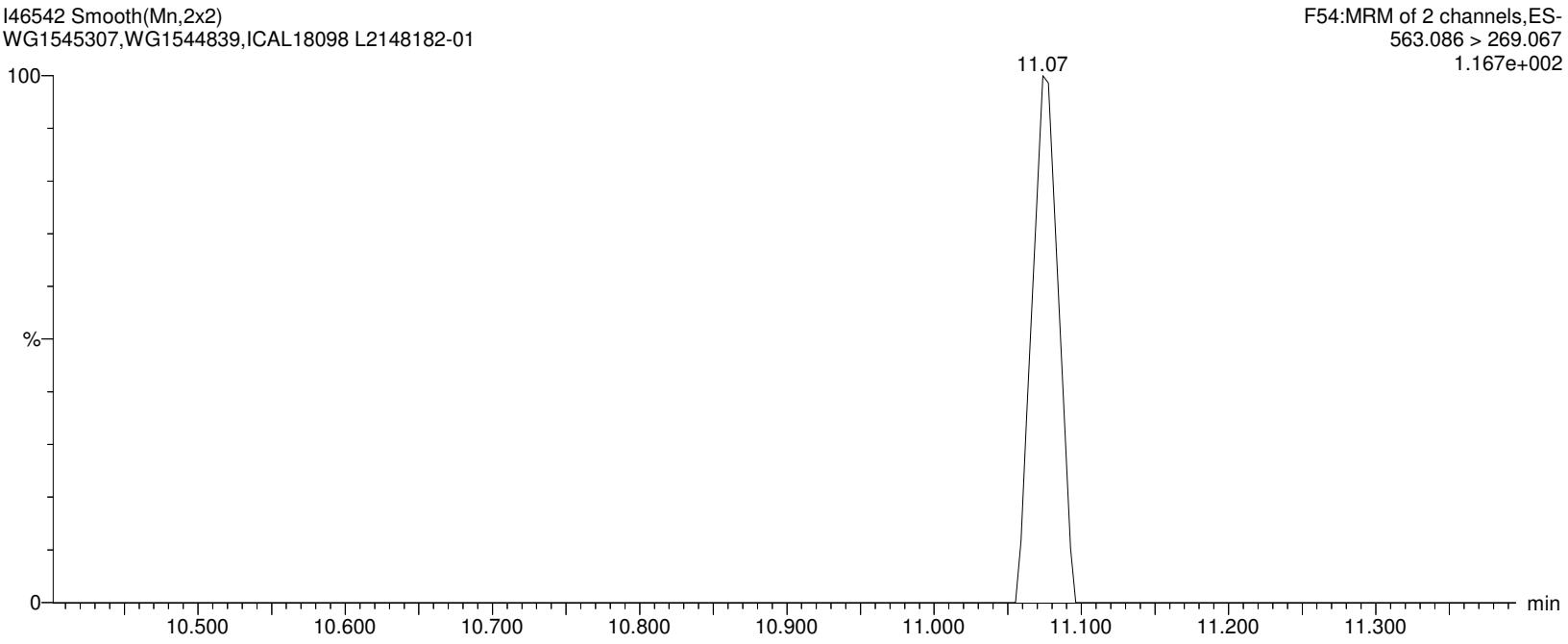
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:52 Eastern Daylight Time

Name: I46542
ID: L2148182-01
Date: 11-Sep-2021
Time: 17:31:58
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFUnA



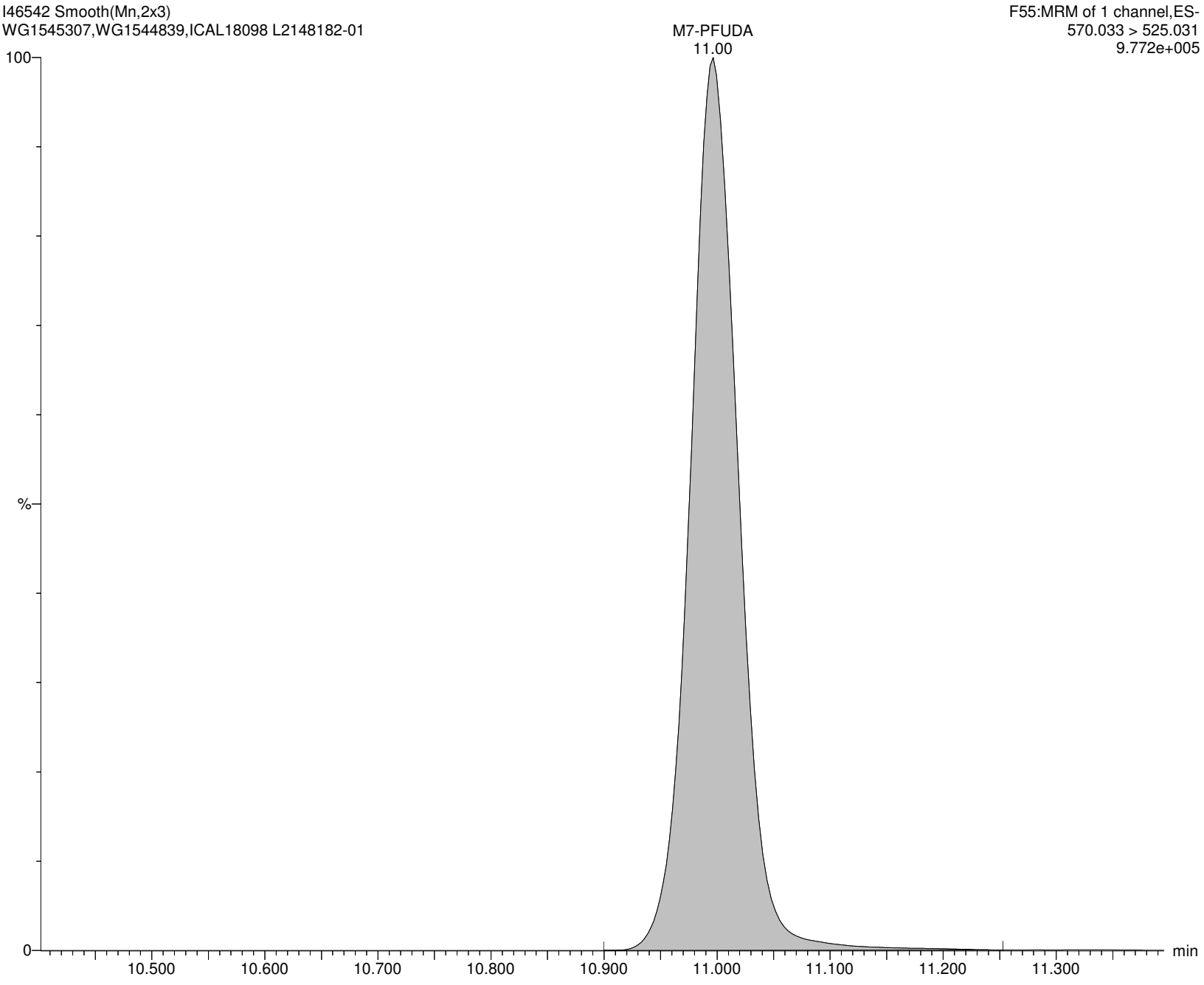


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:52 Eastern Daylight Time

Name: I46542
ID: L2148182-01
Date: 11-Sep-2021
Time: 17:31:58
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M7-PFUDA

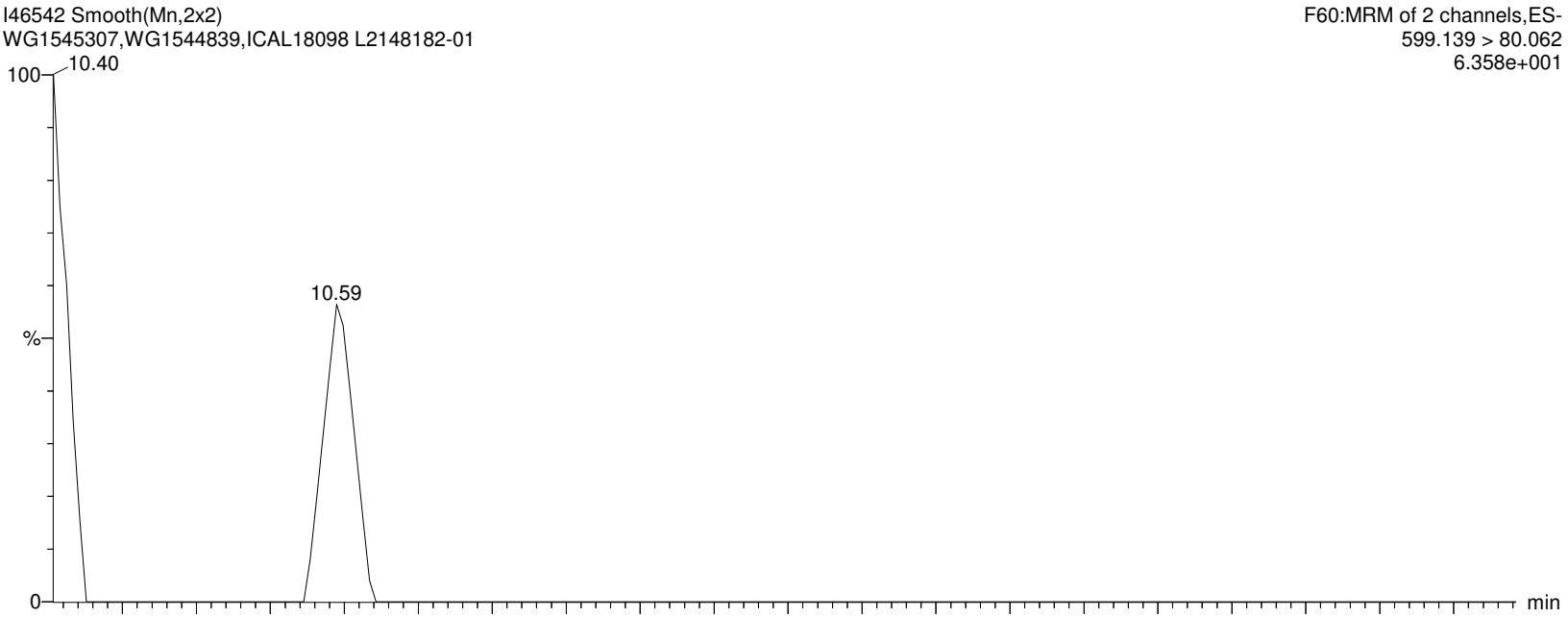


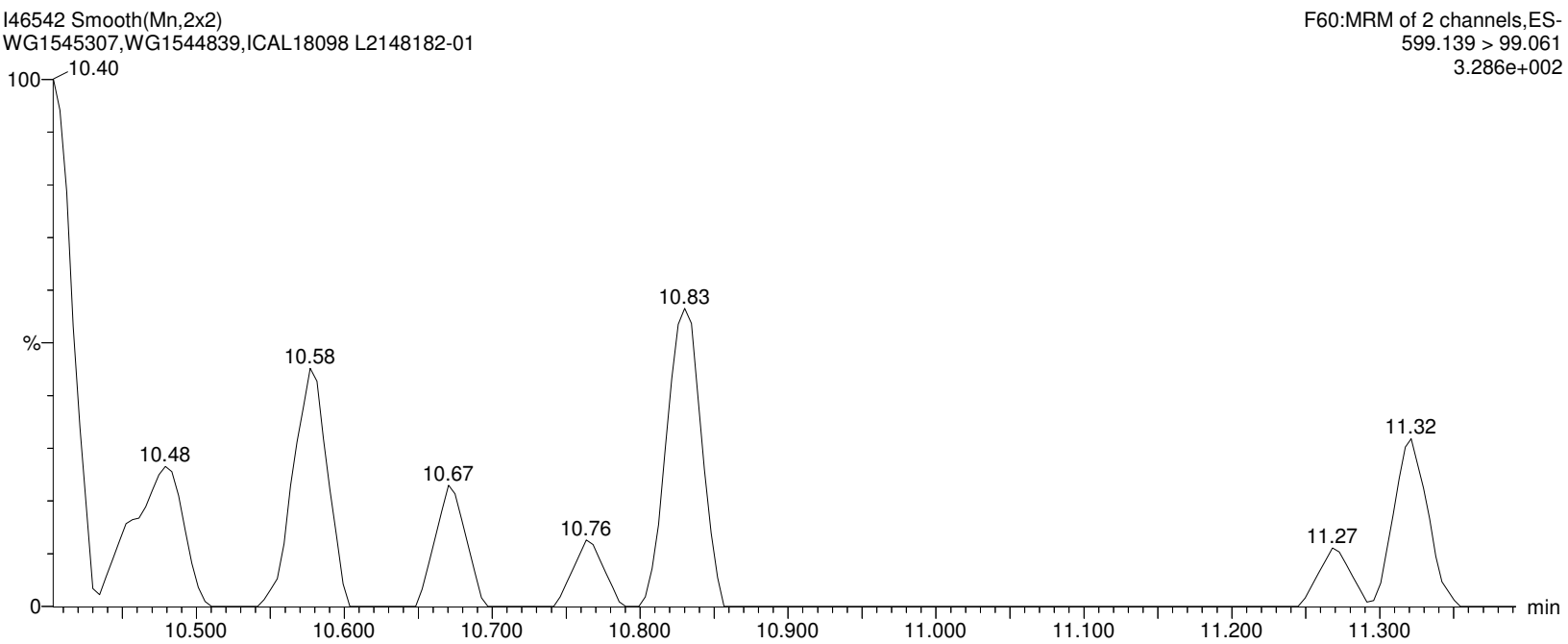
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:52 Eastern Daylight Time

Name: I46542
ID: L2148182-01
Date: 11-Sep-2021
Time: 17:31:58
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDS



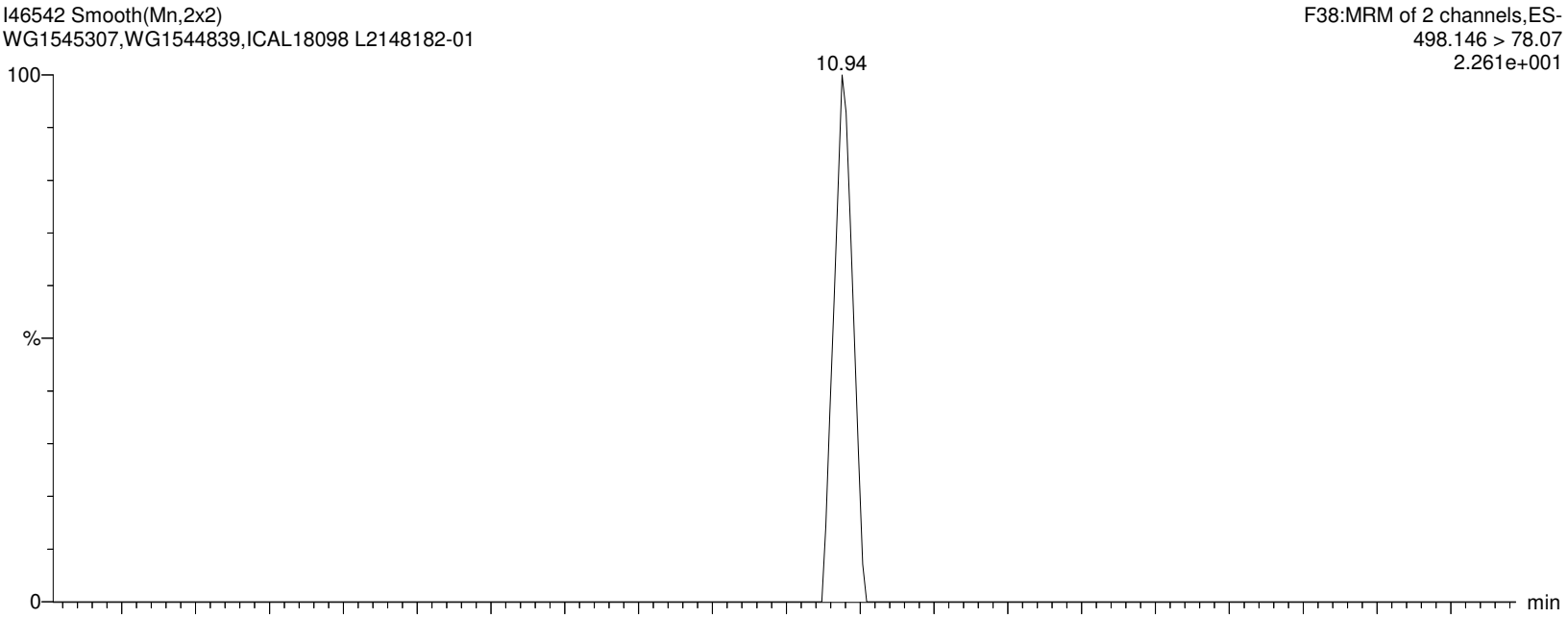


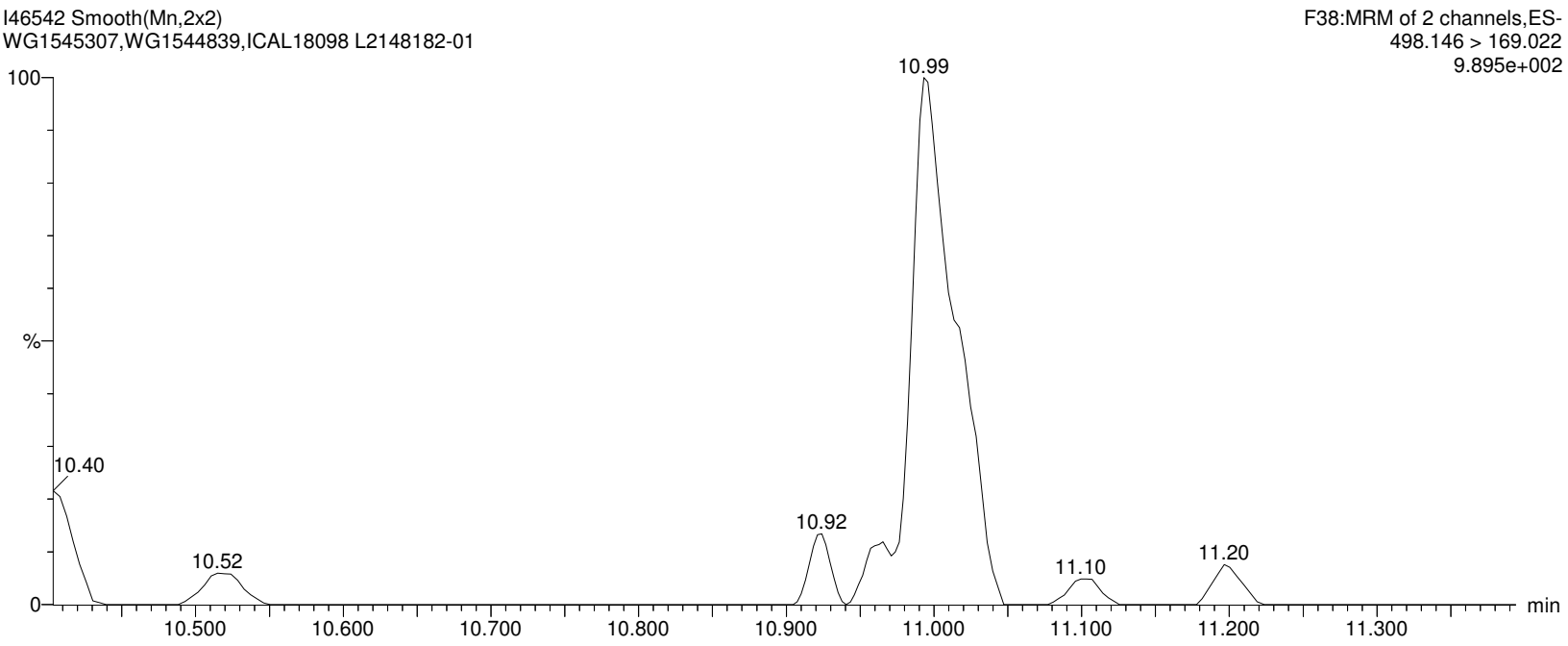
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:52 Eastern Daylight Time

Name: I46542
ID: L2148182-01
Date: 11-Sep-2021
Time: 17:31:58
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

FOSA



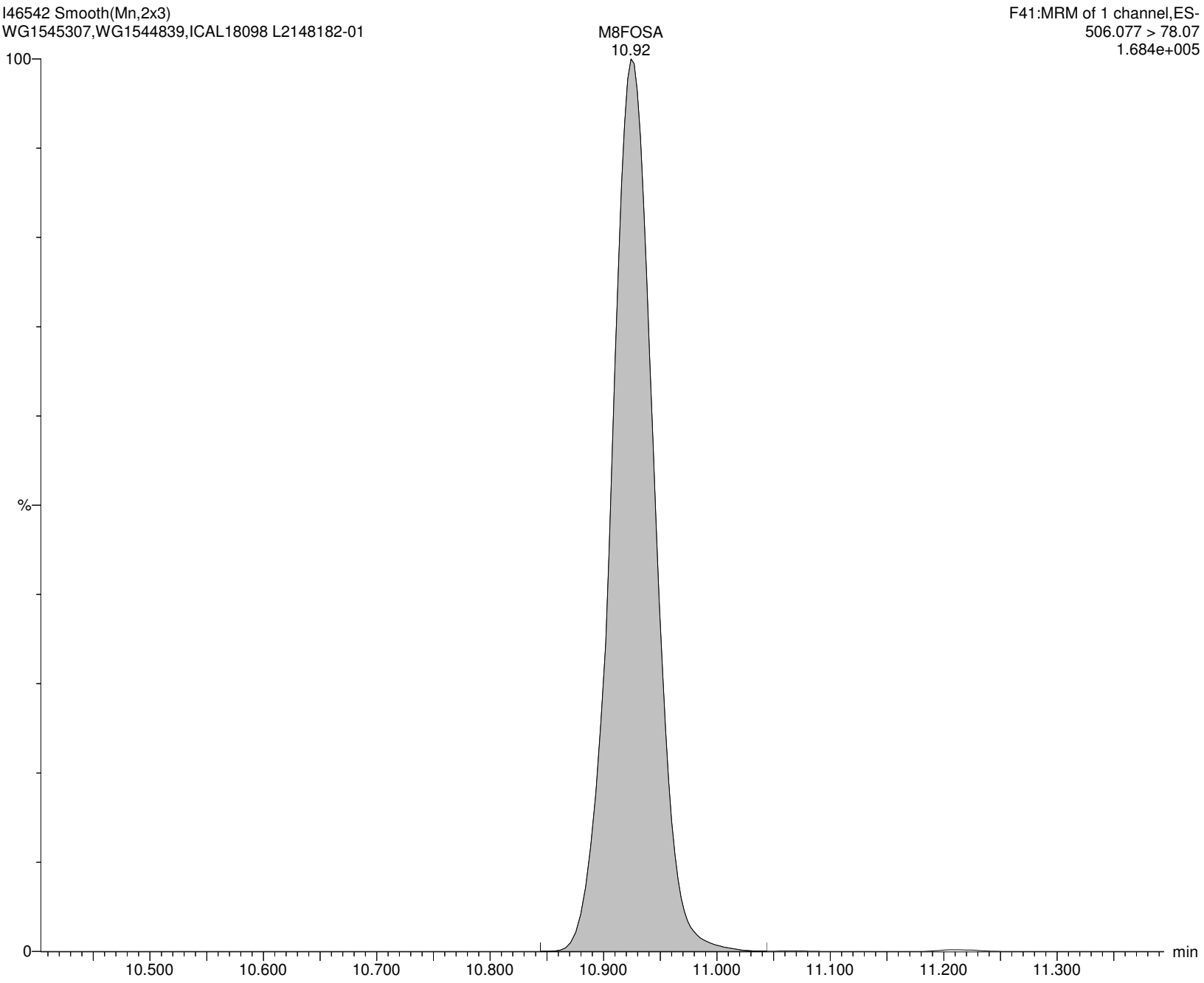


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:52 Eastern Daylight Time

Name: I46542
ID: L2148182-01
Date: 11-Sep-2021
Time: 17:31:58
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8FOSA

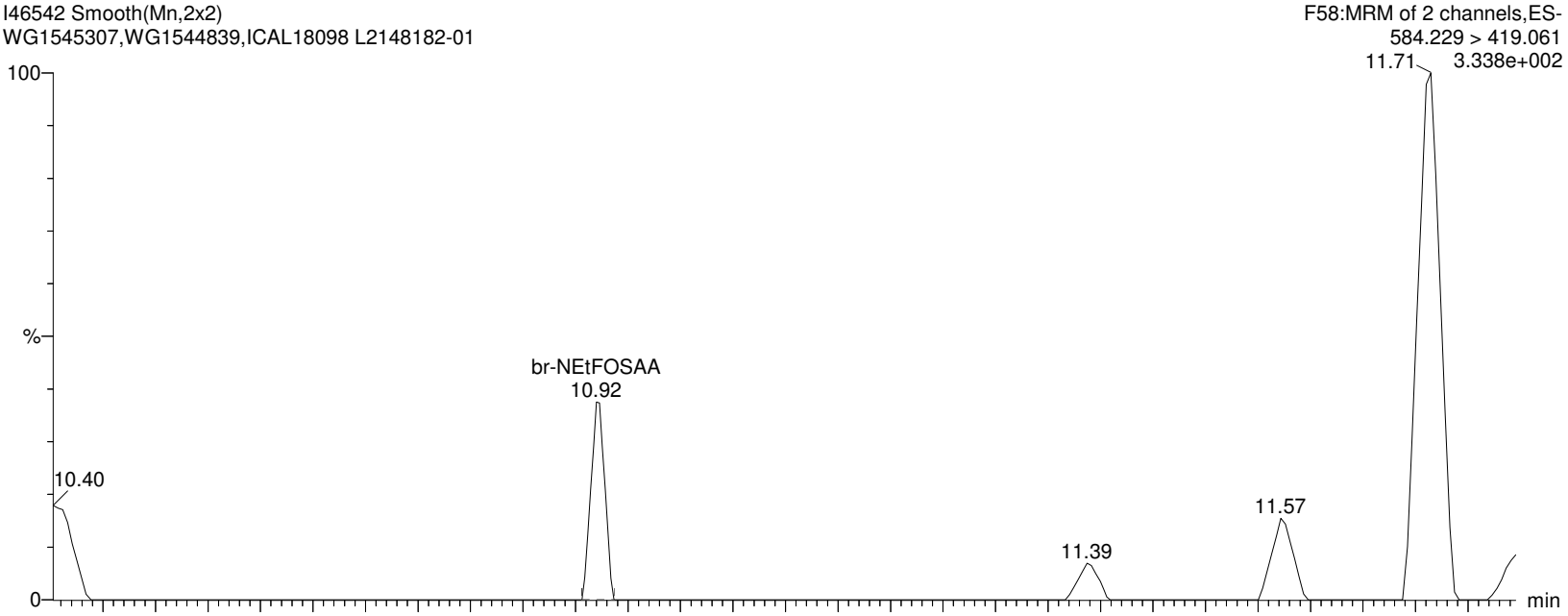


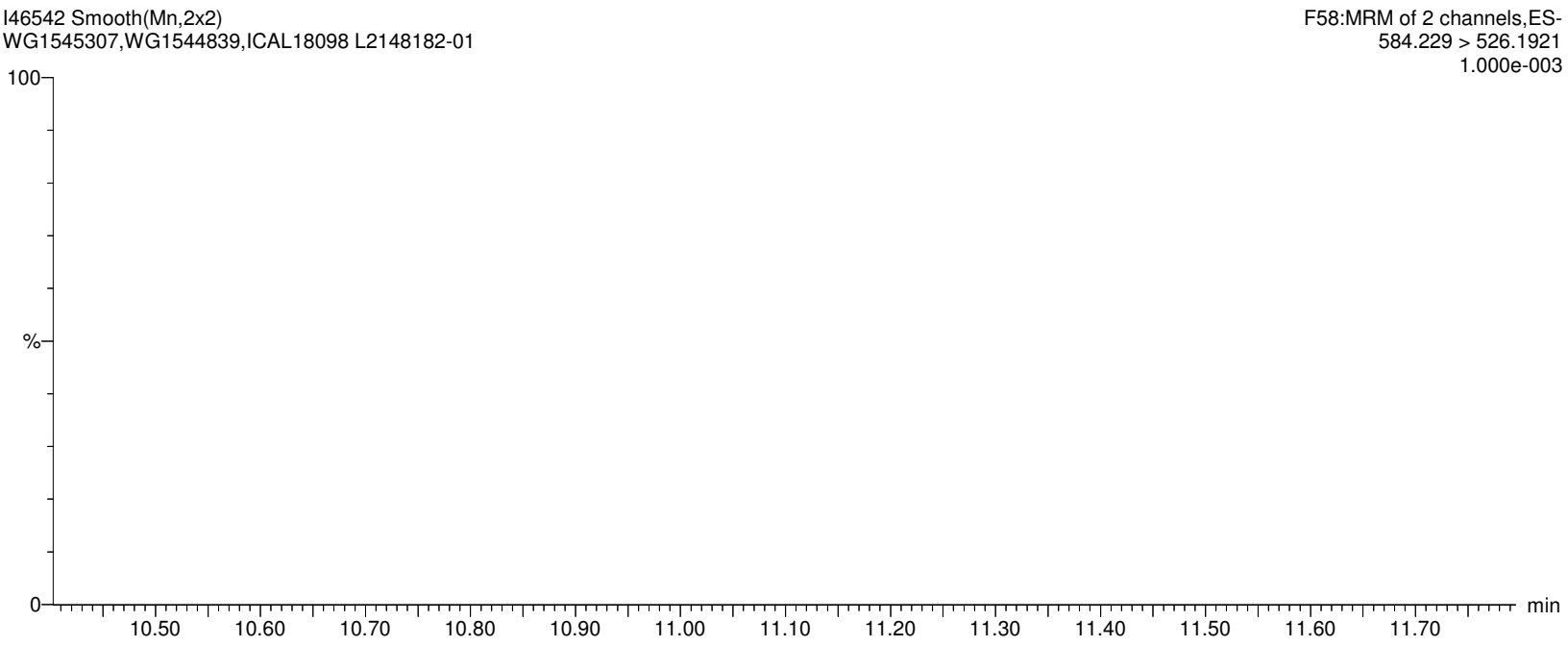
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:52 Eastern Daylight Time

Name: I46542
ID: L2148182-01
Date: 11-Sep-2021
Time: 17:31:58
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NEtFOSAA



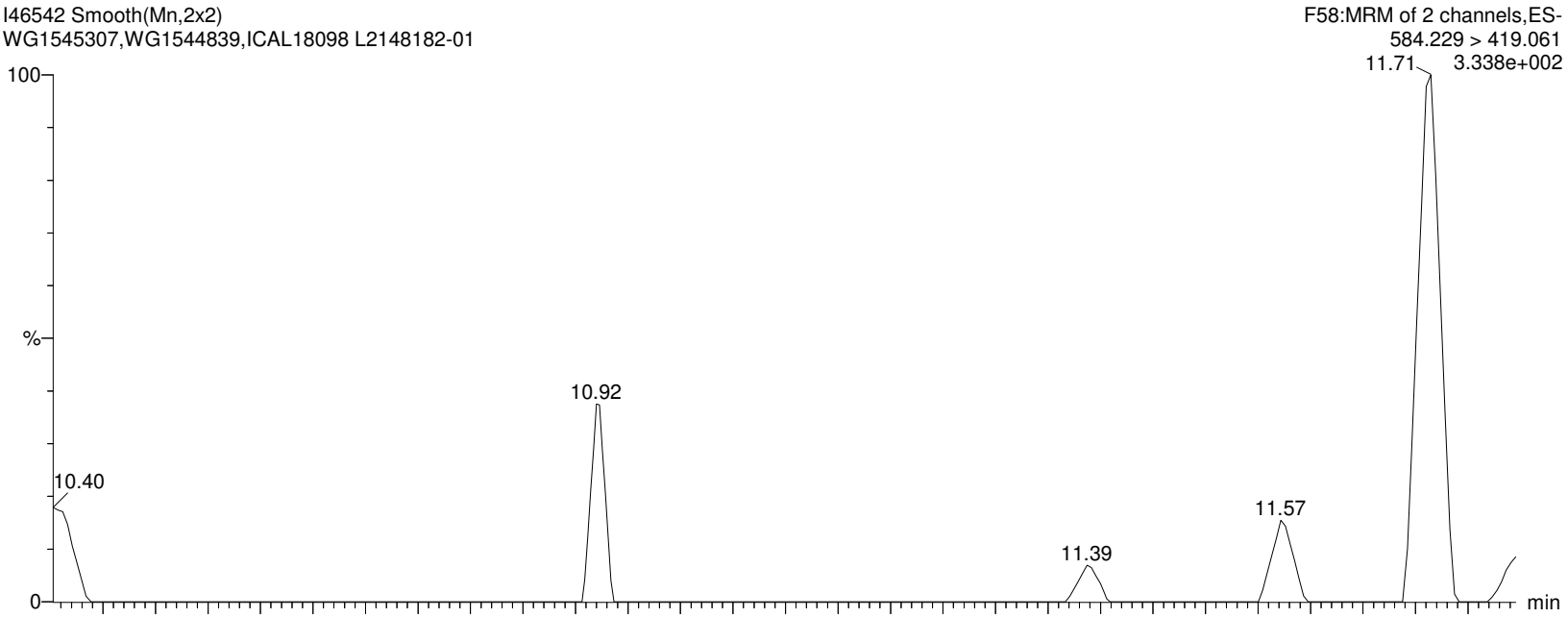


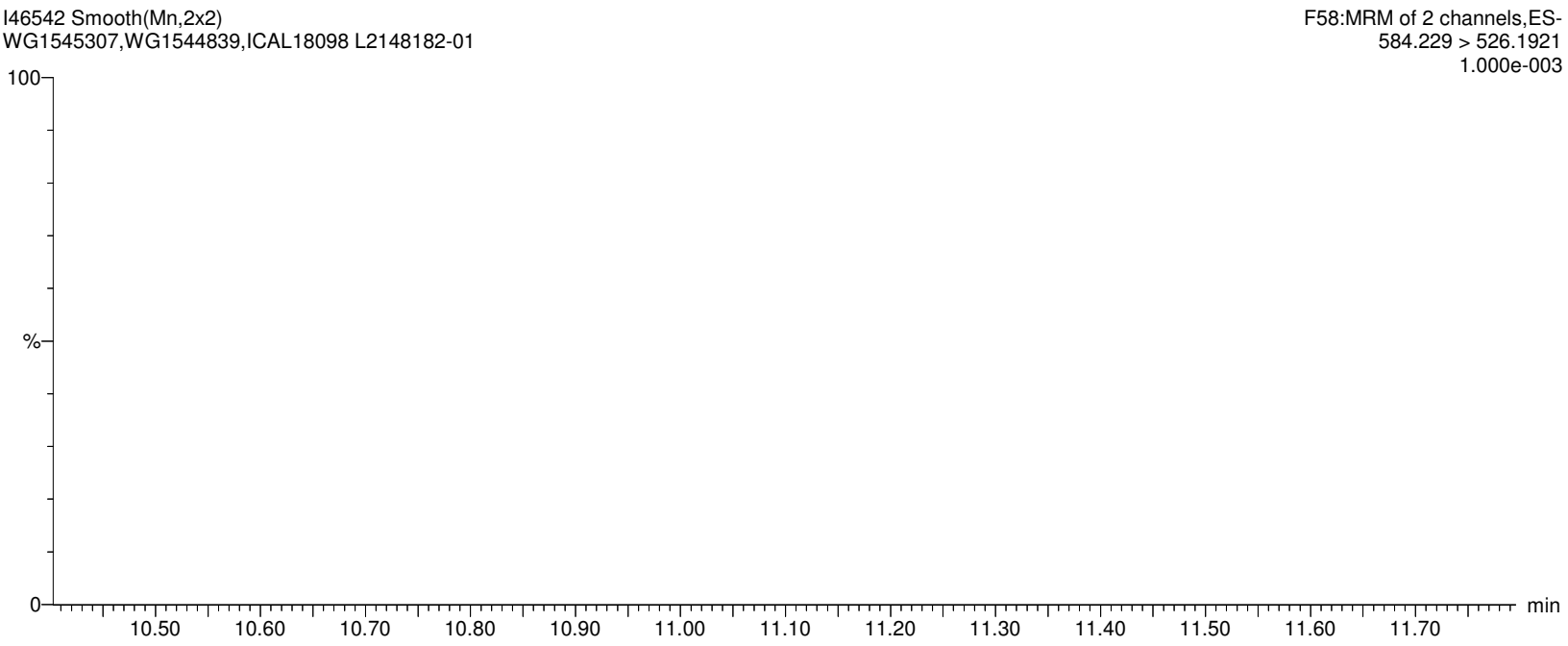
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:52 Eastern Daylight Time

Name: I46542
ID: L2148182-01
Date: 11-Sep-2021
Time: 17:31:58
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NEtFOSAA



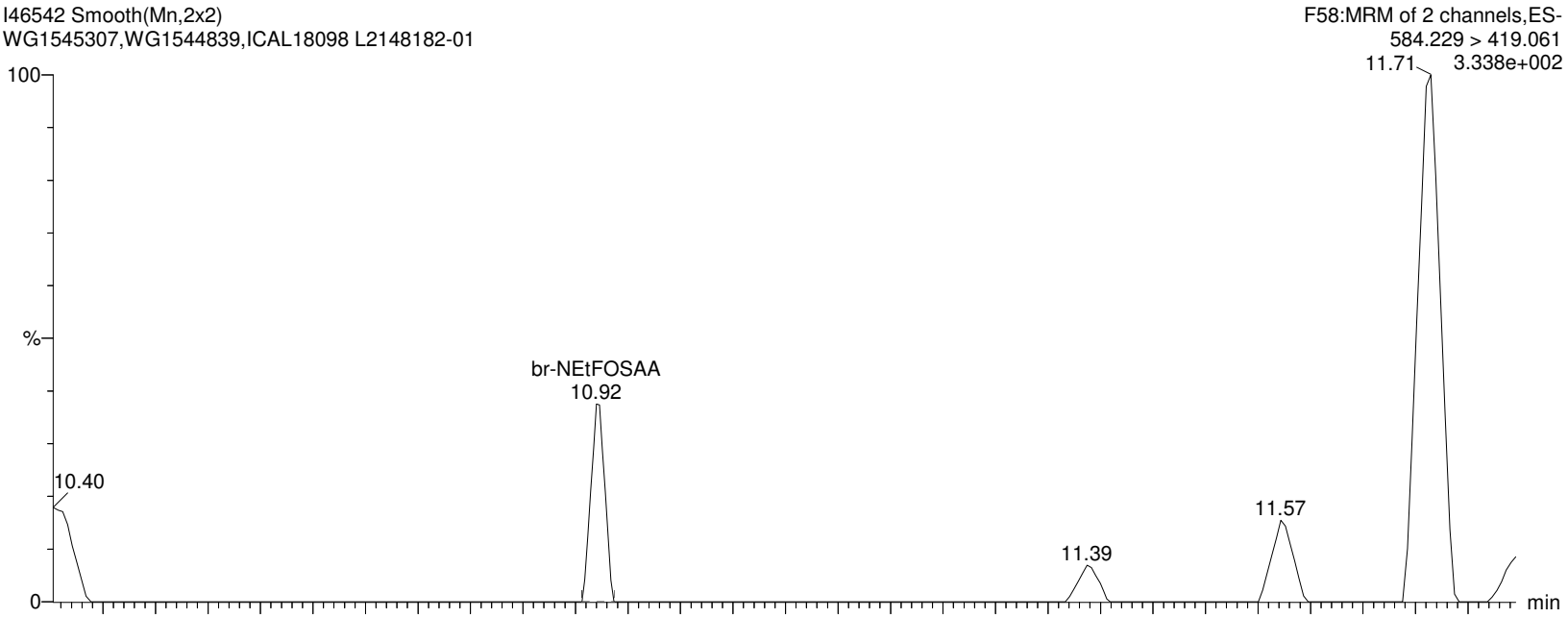


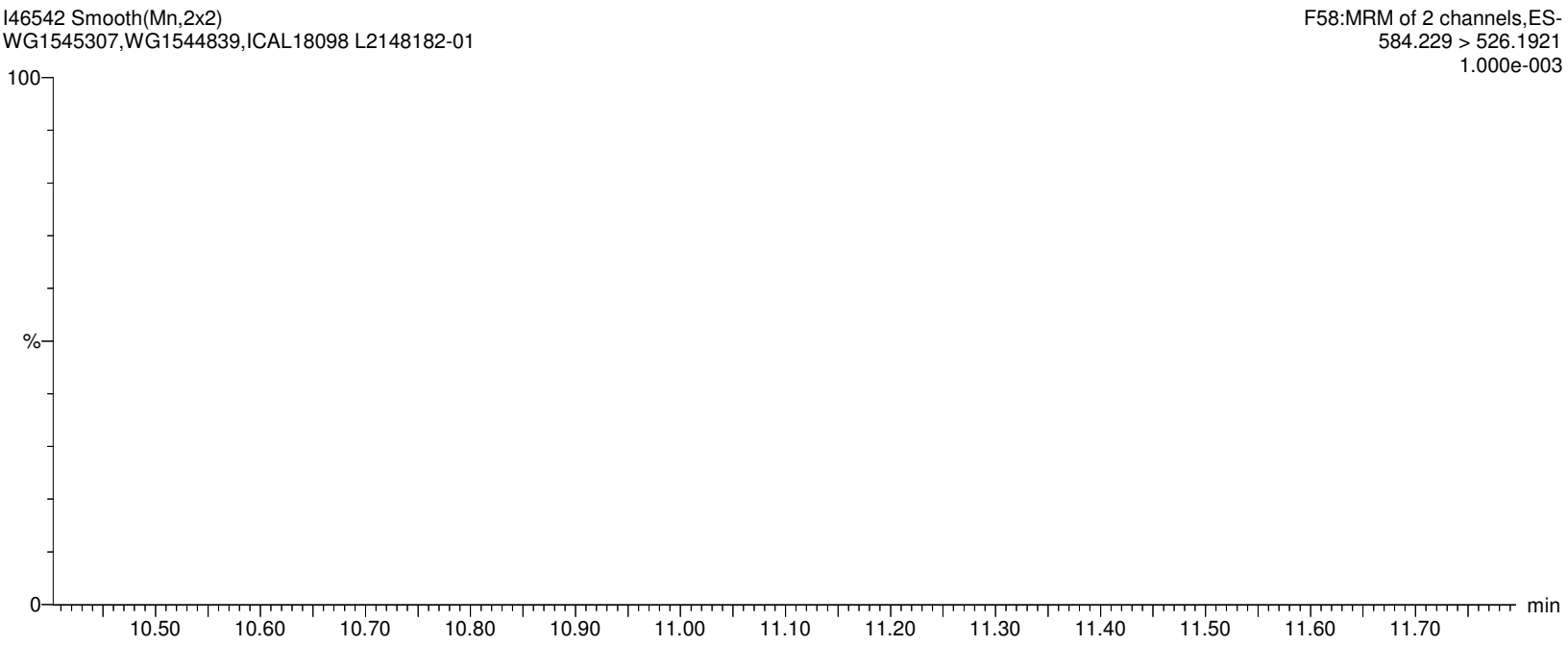
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:52 Eastern Daylight Time

Name: I46542
ID: L2148182-01
Date: 11-Sep-2021
Time: 17:31:58
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSAA



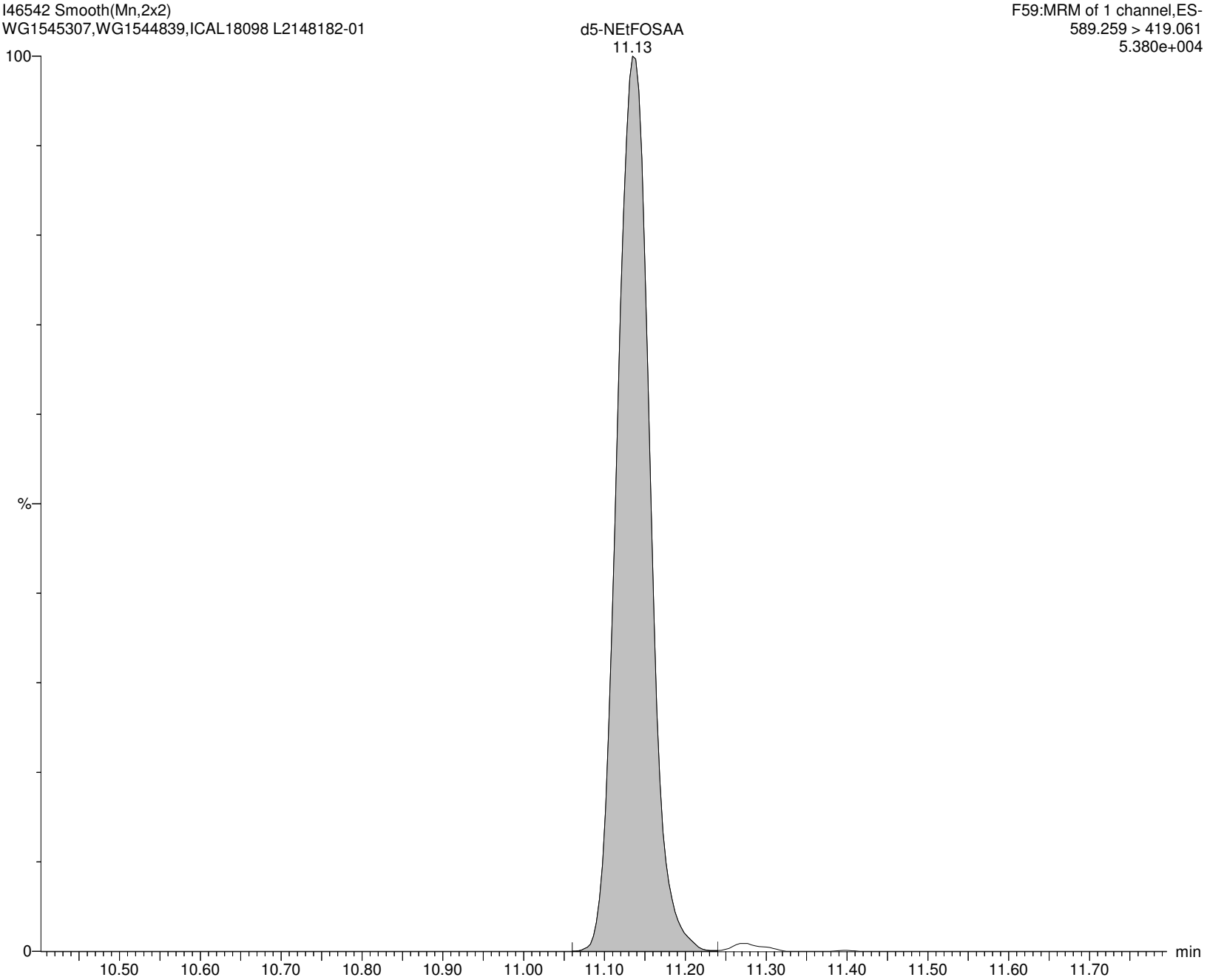


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:52 Eastern Daylight Time

Name: I46542
ID: L2148182-01
Date: 11-Sep-2021
Time: 17:31:58
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSAA

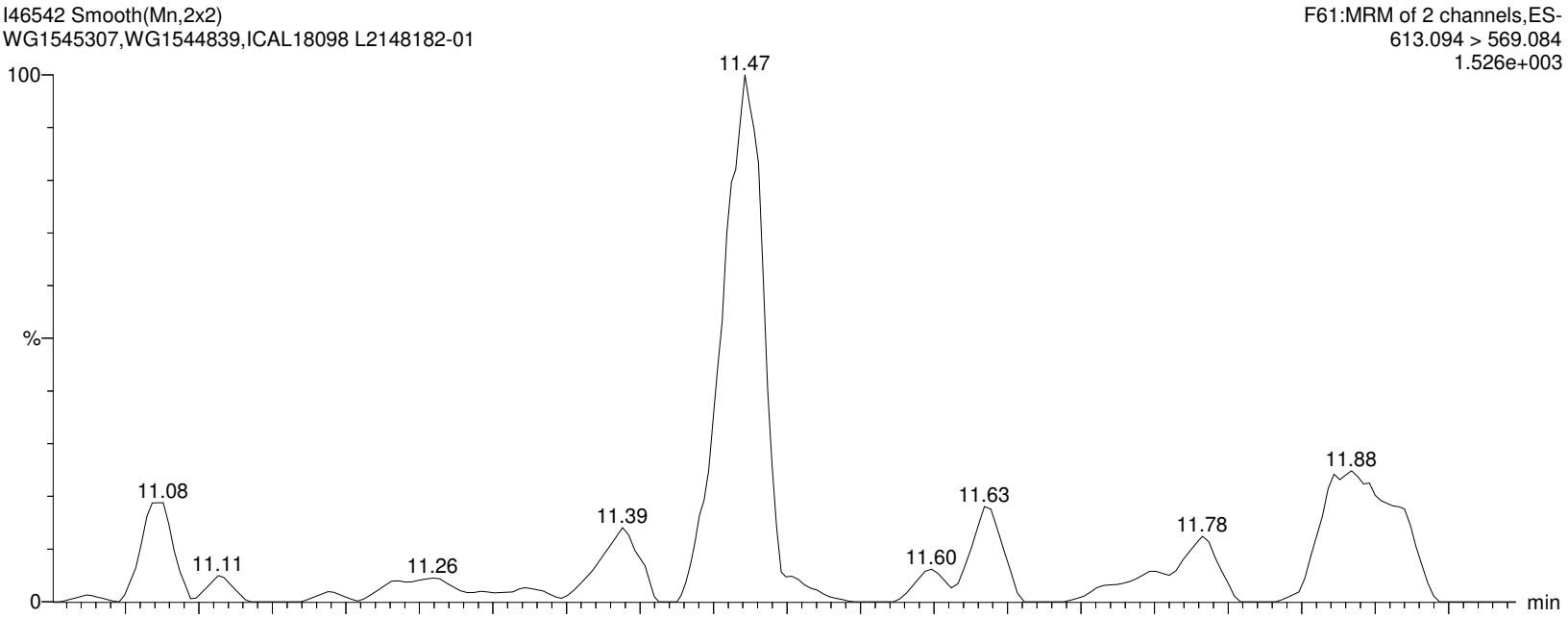


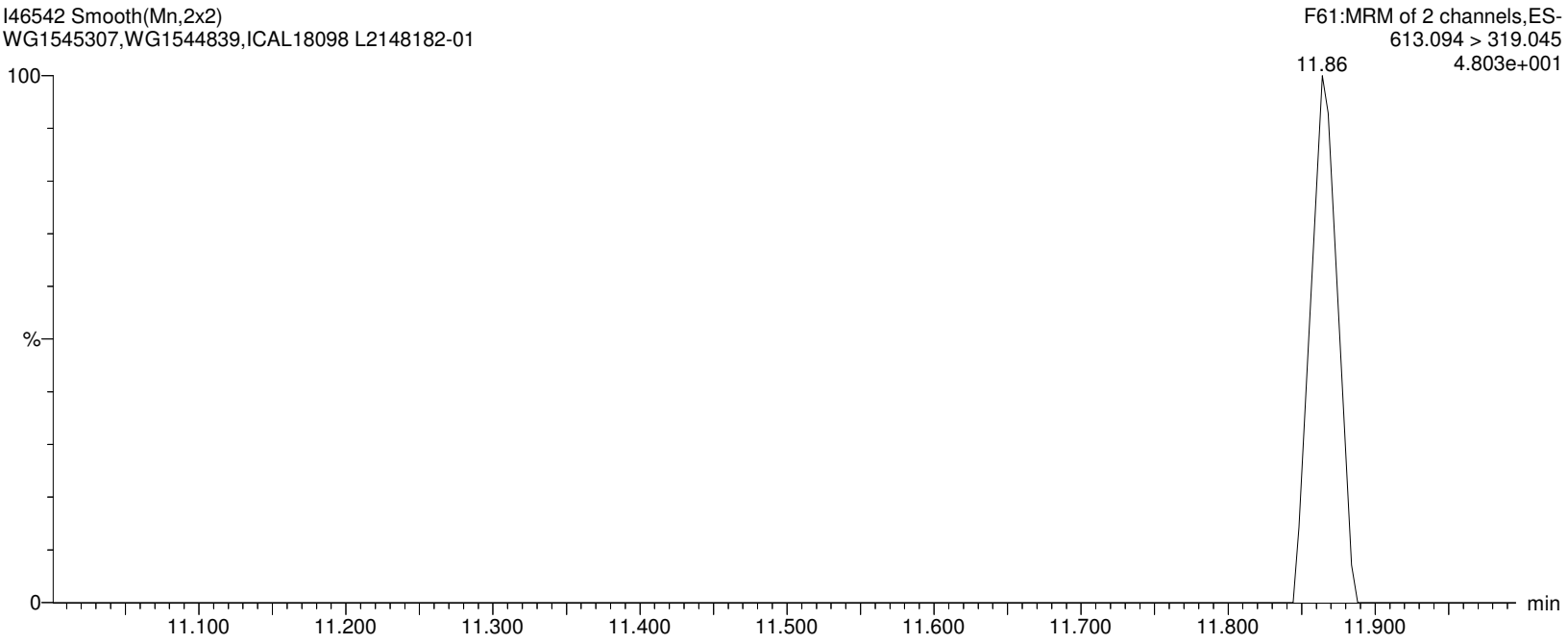
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:52 Eastern Daylight Time

Name: I46542
ID: L2148182-01
Date: 11-Sep-2021
Time: 17:31:58
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoA



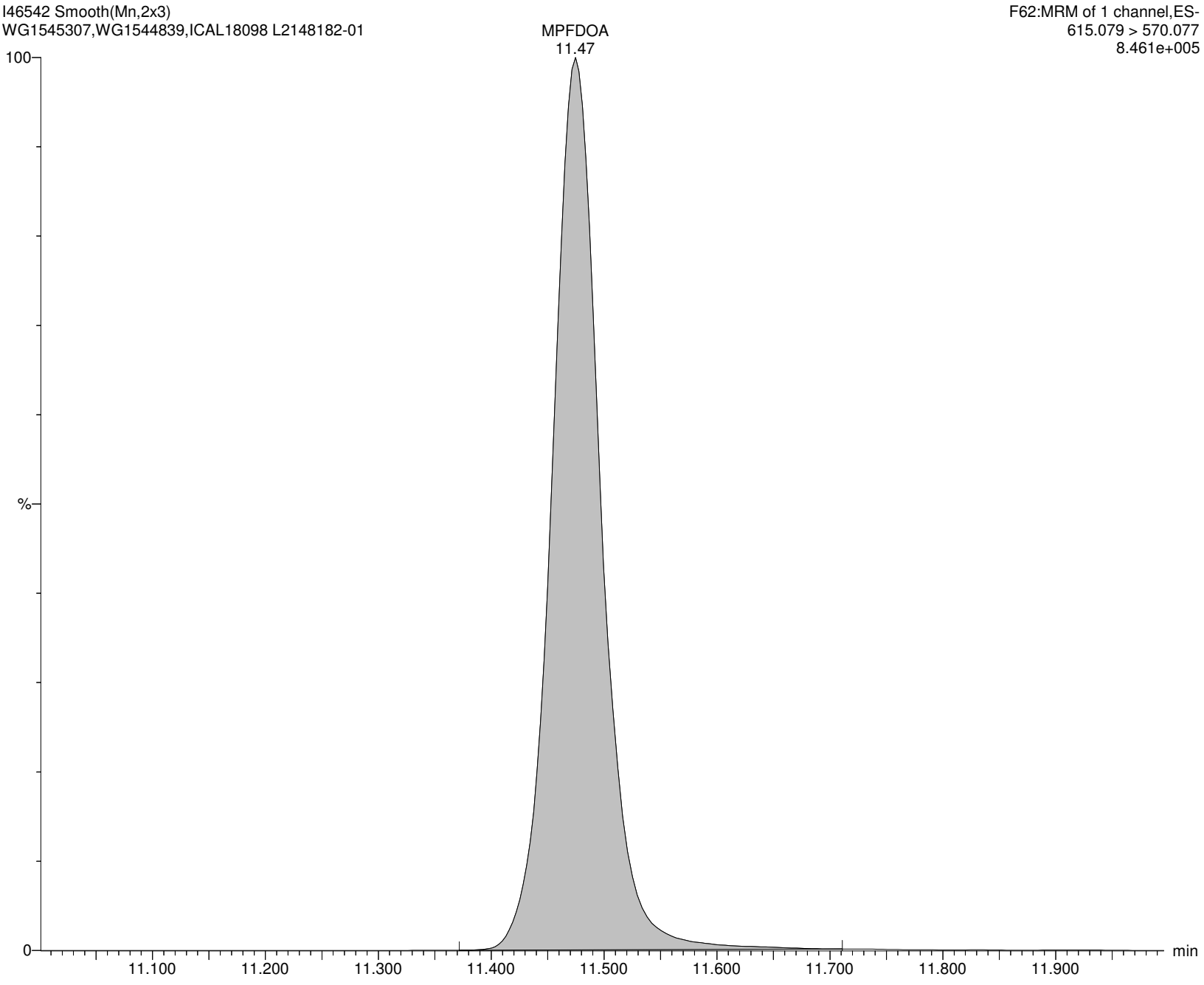


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:52 Eastern Daylight Time

Name: I46542
ID: L2148182-01
Date: 11-Sep-2021
Time: 17:31:58
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFDOA

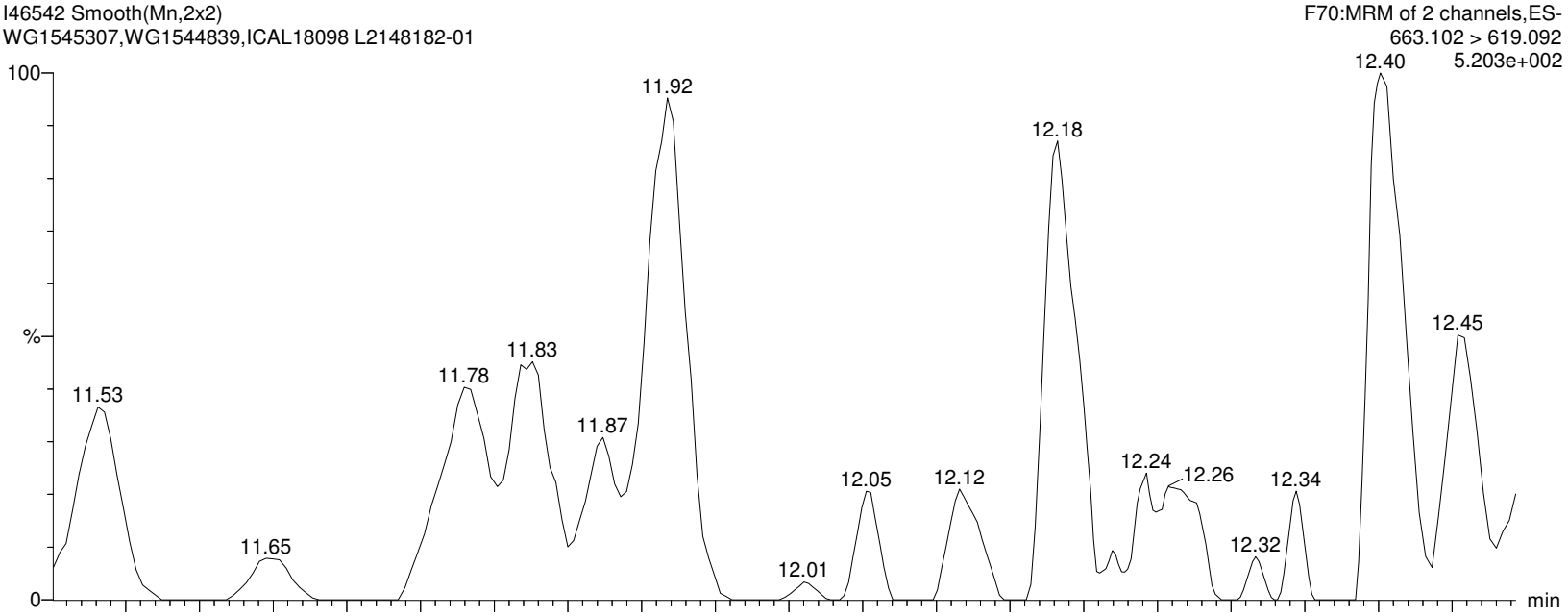


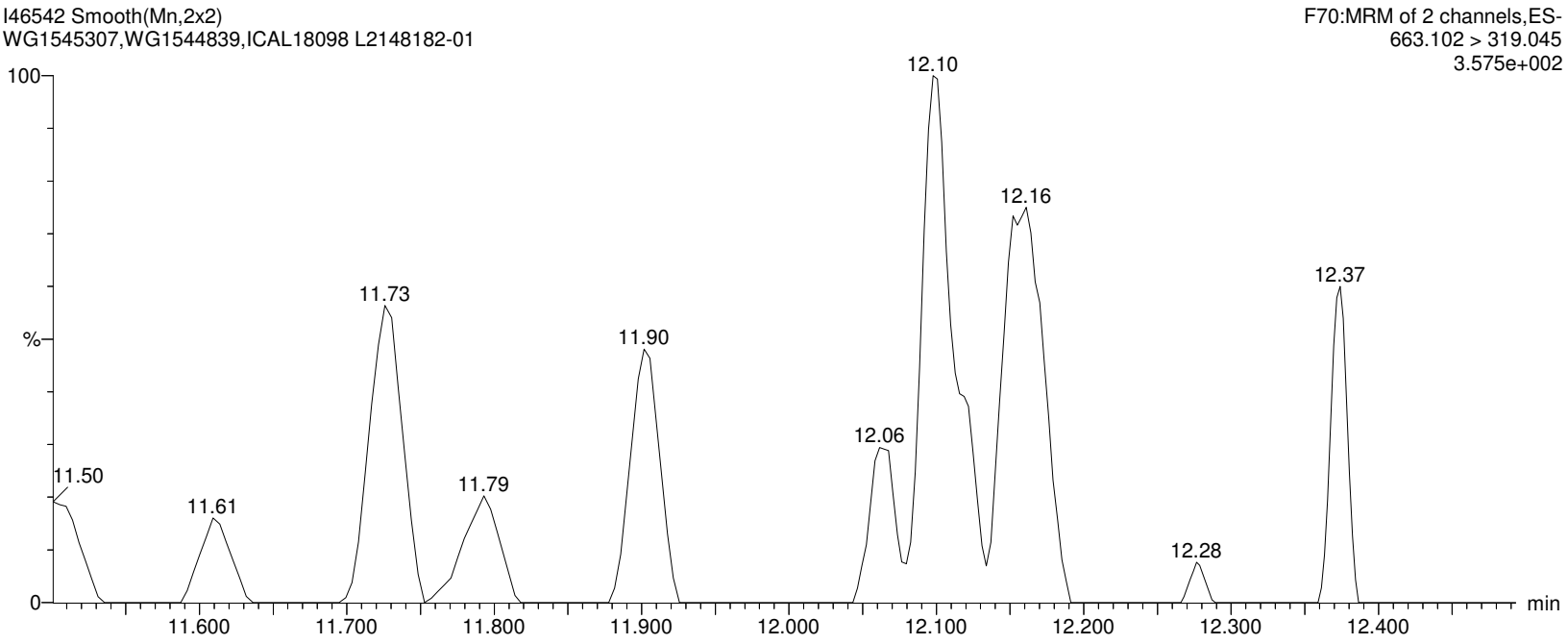
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:52 Eastern Daylight Time

Name: I46542
ID: L2148182-01
Date: 11-Sep-2021
Time: 17:31:58
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTrDA



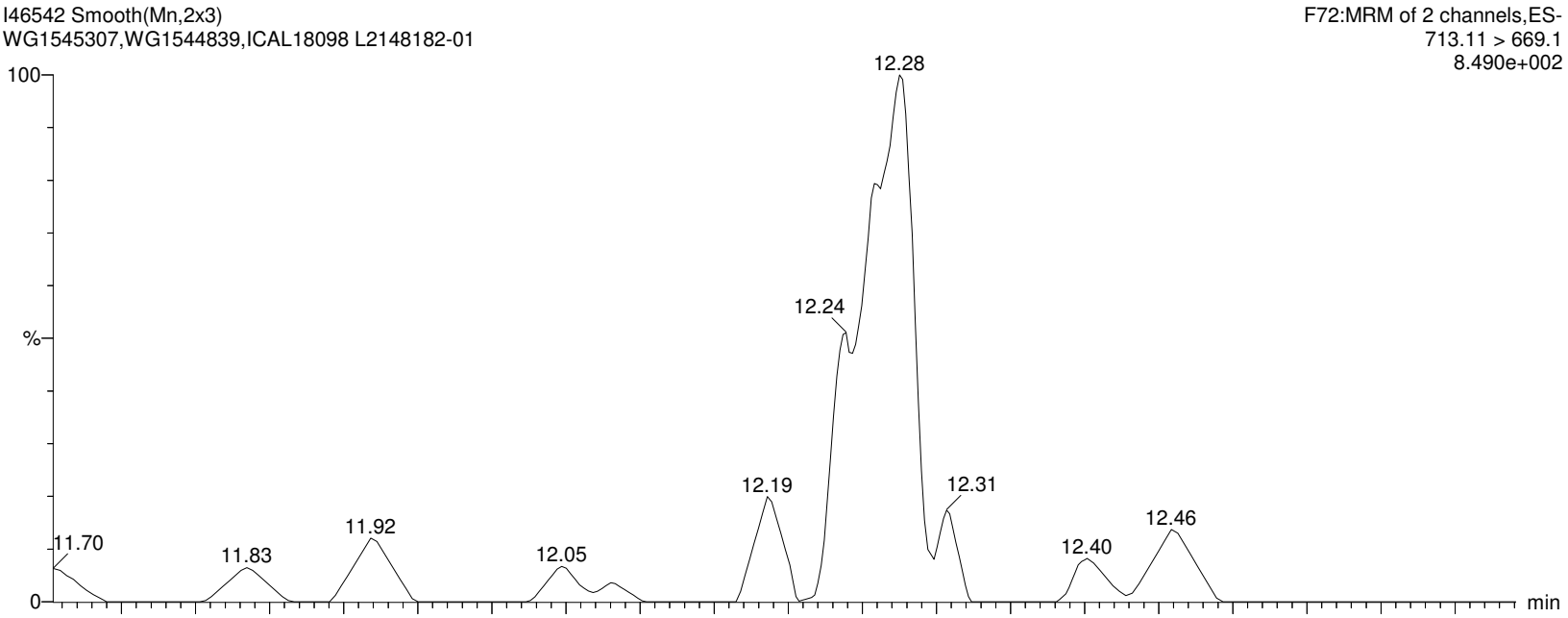


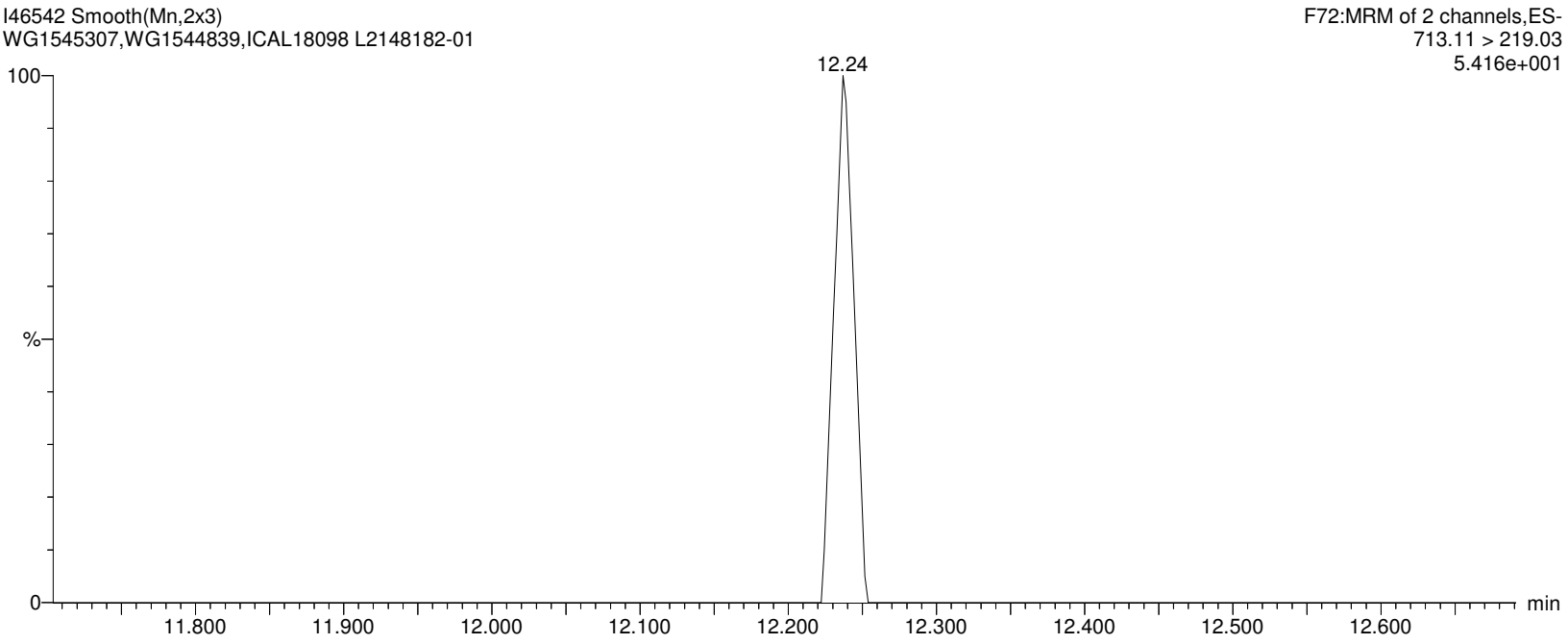
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:52 Eastern Daylight Time

Name: I46542
ID: L2148182-01
Date: 11-Sep-2021
Time: 17:31:58
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTA



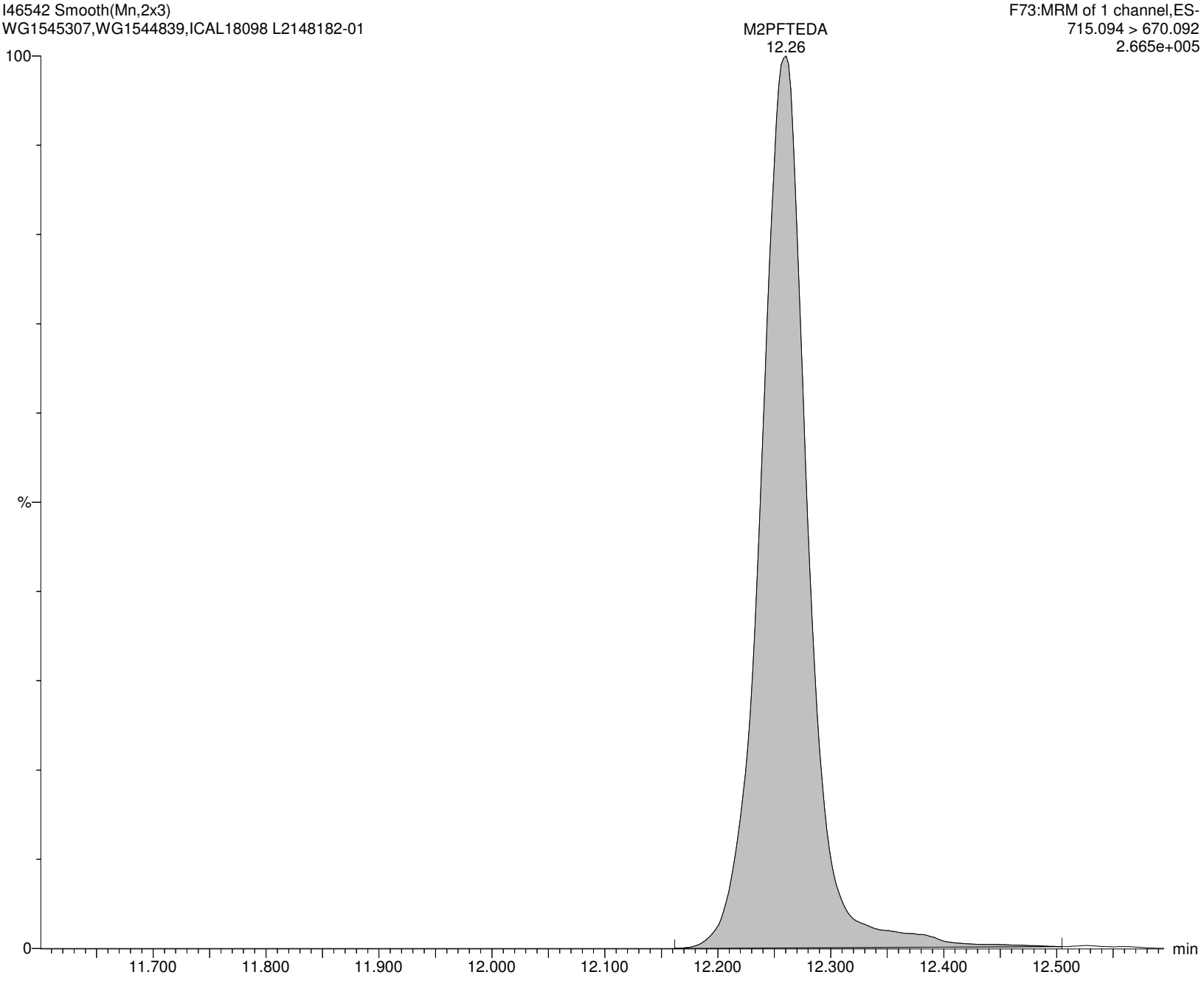


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:52 Eastern Daylight Time

Name: I46542
ID: L2148182-01
Date: 11-Sep-2021
Time: 17:31:58
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFTEDA



all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:00 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210911_537.PRO\MethDB\537ISO_Q_210625_TOP_RT2.mdb 03 Sep 2021 08:44:20
Calibration: C:\MassLynx\Data\2021\210911_537.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

ID: L2148182-02
Name: I46544
Date: 11-Sep-2021
Time: 18:05:06
Description: WG1545307,WG1544839,ICAL18098
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:SG
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4		213.032 > 169.022			ND		na	
2	M3PFBA	INT STD	2.07	216.009 > 171.999	46902		8.934		na	89.3
3	MPFBA	INT STD	2.07	217.001 > 171.999	46116		9.144		na	91.4
4	PFPeA	2706-90-3	4.95	263.039 > 219.03	1331	M4	0.304		na	
5	M5PFPEA	INT STD	4.94	268.001 > 222.999	46530		8.408		na	84.1
6	PFBS	375-73-5	5.60	299.092 > 80.062	229		0.209	1.69	NO	
7	M3PFBS	INT STD	5.59	302.069 > 80.062	10085		7.647		na	76.5
8	4:2FTS	757124-72-4		327.146 > 307.139			ND		YES	
9	M2-4:2FTS	INT STD	6.76	329.13 > 309.124	9575		18.117		na	181.2
10	PFHxA	307-24-4	6.84	313.047 > 269.037	1385	M4,M7	0.234	15.01	NO	
11	M5PFHxA	INT STD	6.84	318.009 > 273.007	55838		7.923		na	79.2
12	PFPeS	2706-91-4		349.1 > 80.062			ND		YES	
13	PFHpA	375-85-9	8.11	363.055 > 319.045	1969	M4	0.222	5.55	NO	
14	M4PFHpA	INT STD	8.11	367.025 > 322.022	87531		8.330		na	83.3
15	br-PFHxS	355-46-4	8.03	399.107 > 80.062	135	M5,M7	0.134	2.60	NO	
16	L-PFHxS	355-46-4	8.27	399.107 > 80.062	307	M4,M7	0.232	1.60	NO	
17	PFHxS	355-46-4		399.107 > 80.062	442		0.366		na	
18	M3PFHxS	INT STD	8.27	402.084 > 80.062	12116		8.101		na	81.0
19	br-PFOA	335-67-1	8.83	413.063 > 369.053	1185	M5,M7	0.122	2.58	NO	
20	L-PFOA	335-67-1	9.06	413.063 > 369.053	8017	M4,M7	0.823	9.38	NO	
21	PFOA	335-67-1		413.063 > 369.053	9202		0.945		na	
22	M8PFOA	INT STD	9.05	421.002 > 376.	101033		8.634		na	86.3
23	M2PFOA	INT STD	9.06	415.048 > 370.045	115260		10.883		na	108.8
24	6:2FTS	27619-97-2	9.01	427.161 > 407.155	118	M7	0.136	5.75	NO	
25	M2-6:2FTS	INT STD	9.02	429.146 > 409.14	8759		16.142		na	161.4
26	PFHpS	375-92-8		449.115 > 80.062			ND		YES	
27	PFNA	375-95-1	9.81	463.071 > 419.061	1144		0.155	3.47	NO	
28	M9PFNA	INT STD	9.81	472.002 > 427.	29617		8.811		na	88.1
29	br-PFOS	1763-23-1	9.62	499.123 > 80.062	1979	M5,M7	1.566	4.13	NO	
30	L-PFOS	1763-23-1	9.87	499.123 > 80.062	3678		3.629	1.90	NO	
31	PFOS	1763-23-1		499.123 > 80.062	5658		5.195		na	
32	M4PFOS	INT STD	9.87	503.093 > 80.062	11954		10.561		na	105.6
33	M8PFOS	INT STD	9.87	507.062 > 80.062	11473		8.565		na	85.6
34	PFDA	335-76-2	10.45	513.078 > 469.069	569	M4,M7	0.085	5.98	NO	
35	M2PFDA	INT STD	10.44	515.053 > 469.934	69152		11.336		na	113.4
36	M6PFDA	INT STD	10.44	519.033 > 474.03	67337		8.579		na	85.8
37	8:2FTS	39108-34-4		527.177 > 507.171			ND		YES	
38	M2-8:2FTS	INT STD	10.44	529.162 > 509.155	4699		11.781		na	117.8
39	PFNS	68259-12-1		549.131 > 80.062			ND		YES	

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:00 Eastern Daylight Time

ID: L2148182-02
Name: I46544
Date: 11-Sep-2021
Time: 18:05:06
Description: WG1545307,WG1544839,ICAL18098
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:SG
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.84	573.22 > 419.061	5283		7.141		na	71.4
41	br-NMeFOSAA			570.202 > 419.061			ND		YES	
42	L-NMeFOSAA		10.83	570.202 > 419.061	32		0.055	6.87	YES	
43	NMeFOSAA	2355-31-9		570.202 > 419.061	32		0.055		na	
44	PFUnA	2058-94-8	11.00	563.086 > 519.076	264	M4	0.042	6.13	NO	
45	M7-PFUDA	INT STD	10.99	570.033 > 525.031	62270		8.507		na	85.1
46	PFDS	335-77-3		599.139 > 80.062			ND		YES	
47	FOSA	754-91-6	10.92	498.146 > 78.07	336		0.246		YES	
48	M8FOSA	INT STD	10.92	506.077 > 78.07	15924		3.747		na	37.5
49	br-NEtFOSAA		10.99	584.229 > 419.061	73	M5,M7	0.491	1.02	YES	
50	L-NEtFOSAA		11.14	584.229 > 419.061	312		0.703	1.28	NO	
51	NEtFOSAA	2991-50-6		584.229 > 419.061	385		1.194		na	
52	d5-NEtFOSAA	INT STD	11.13	589.259 > 419.061	4498		7.357		na	73.6
53	PFDoA	307-55-1	11.47	613.094 > 569.084	186	M4,M7	0.033	11.87	NO	
54	MPFDOA	INT STD	11.47	615.079 > 570.077	53343		7.553		na	75.5
55	PFTrDA	72629-94-8	11.90	663.102 > 619.092	123	M4,M7	0.031	3.31	YES	
56	PFTA	376-06-7		713.11 > 669.1			ND		YES	
57	M2PFTEDA	INT STD	12.26	715.094 > 670.092	15086		6.811		na	68.1

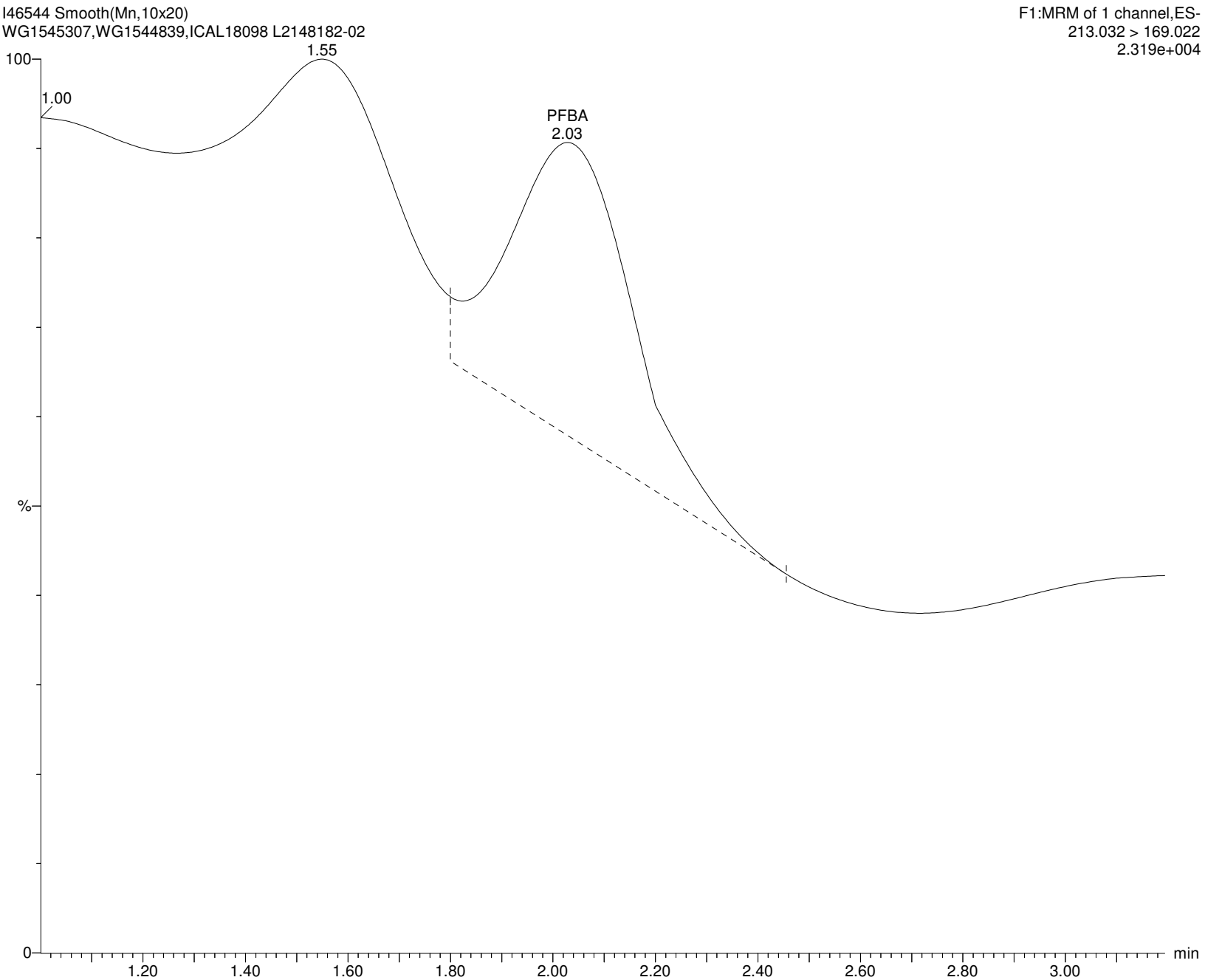
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:00 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210911_537.PRO\MethDB\537ISO_Q_210625_TOP_RT2.mdb 03 Sep 2021 08:44:20
Calibration: C:\MassLynx\Data\2021\210911_537.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

Name: I46544
ID: L2148182-02
Date: 11-Sep-2021
Time: 18:05:06
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBA

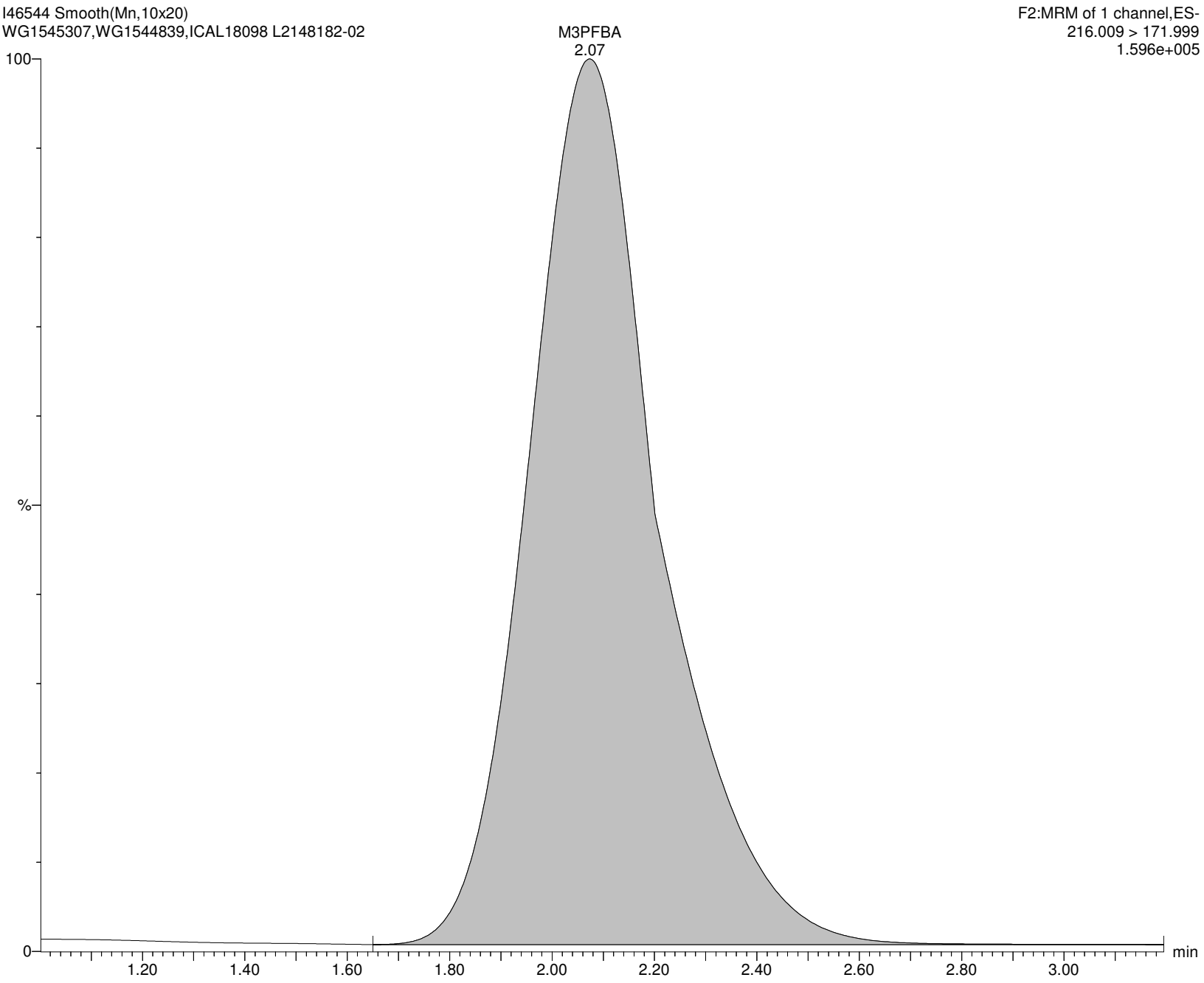


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:00 Eastern Daylight Time

Name: I46544
ID: L2148182-02
Date: 11-Sep-2021
Time: 18:05:06
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBA

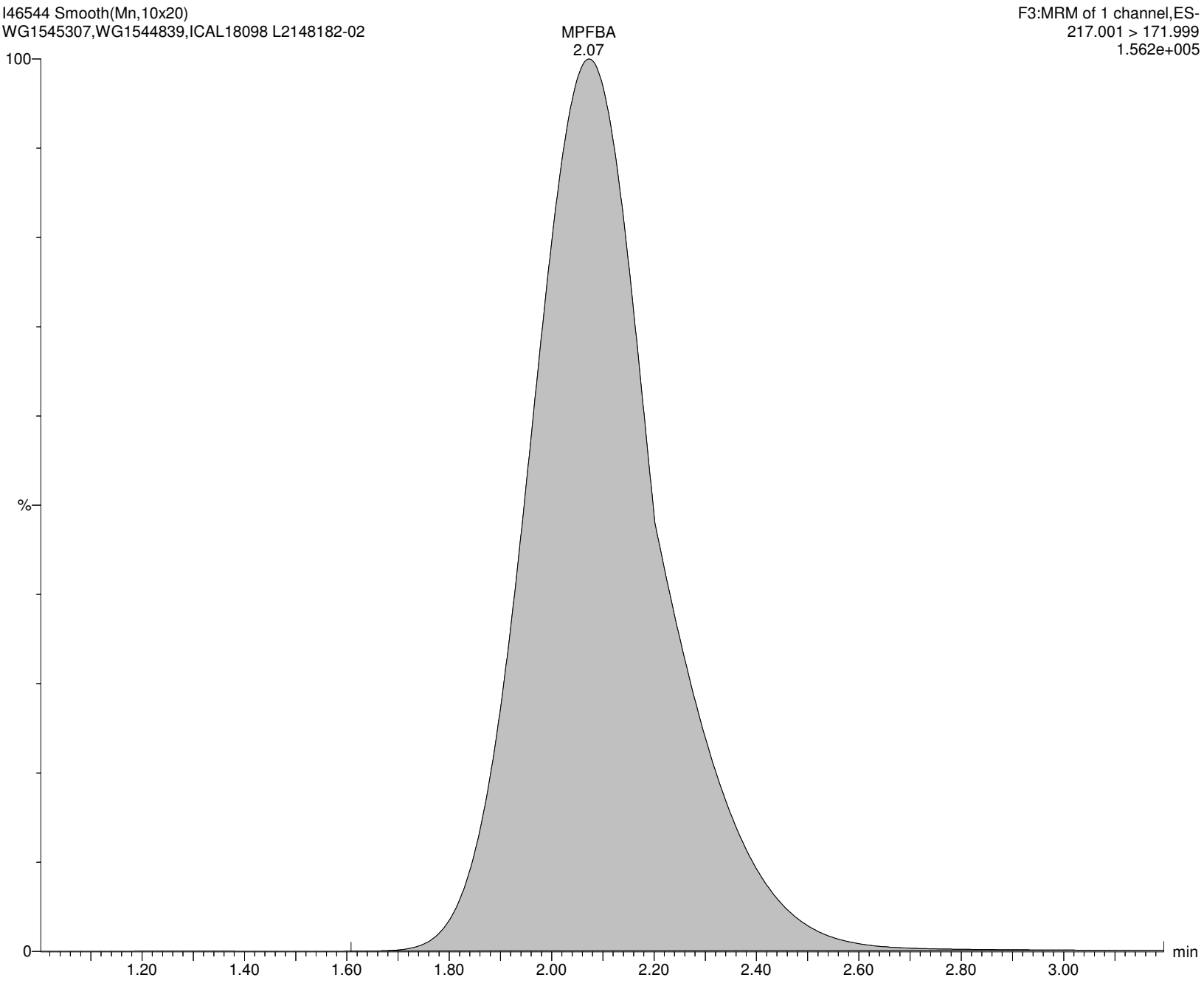


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:00 Eastern Daylight Time

Name: I46544
ID: L2148182-02
Date: 11-Sep-2021
Time: 18:05:06
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFBA

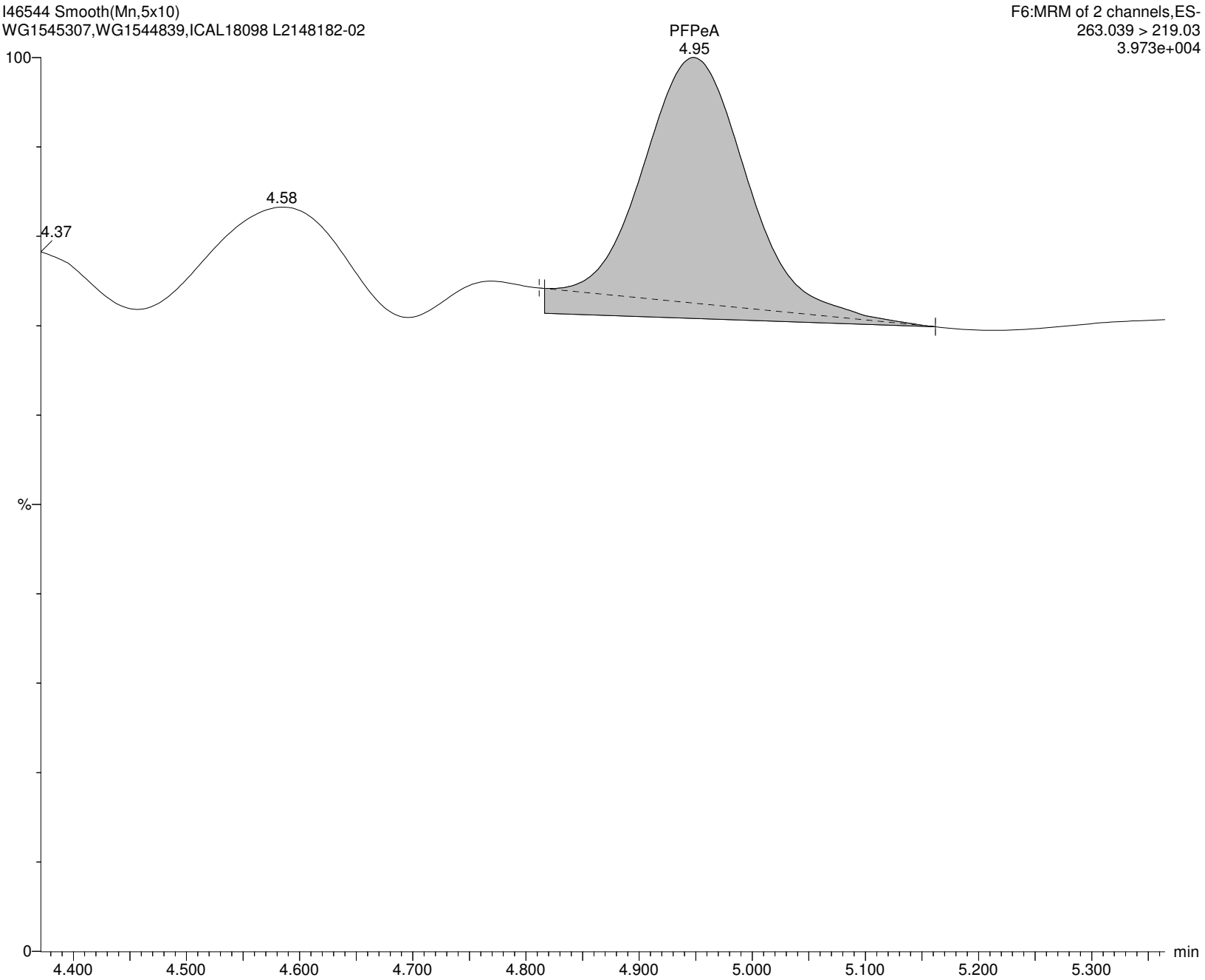


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:00 Eastern Daylight Time

Name: I46544
ID: L2148182-02
Date: 11-Sep-2021
Time: 18:05:06
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeA

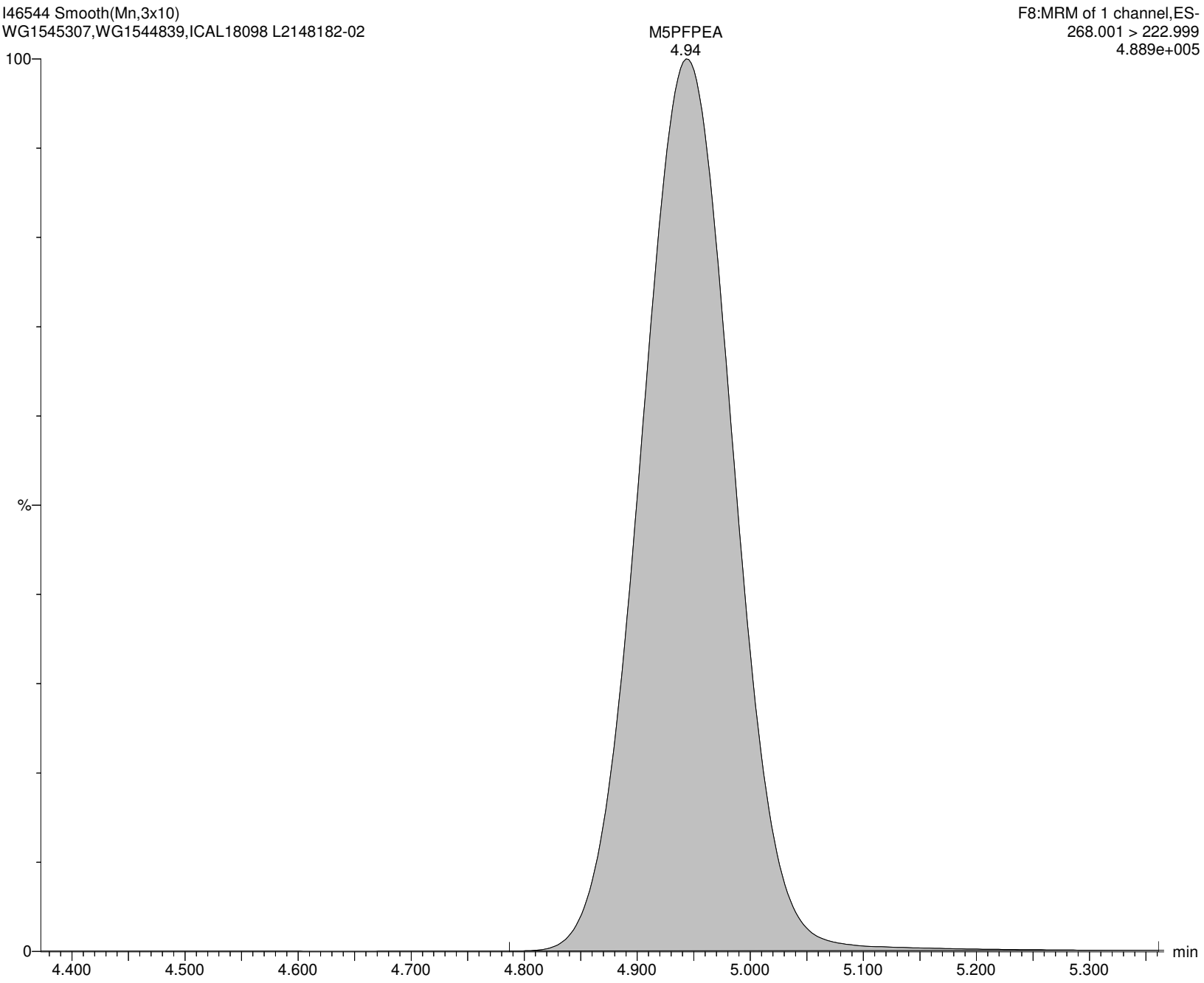


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:00 Eastern Daylight Time

Name: I46544
ID: L2148182-02
Date: 11-Sep-2021
Time: 18:05:06
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFPEA

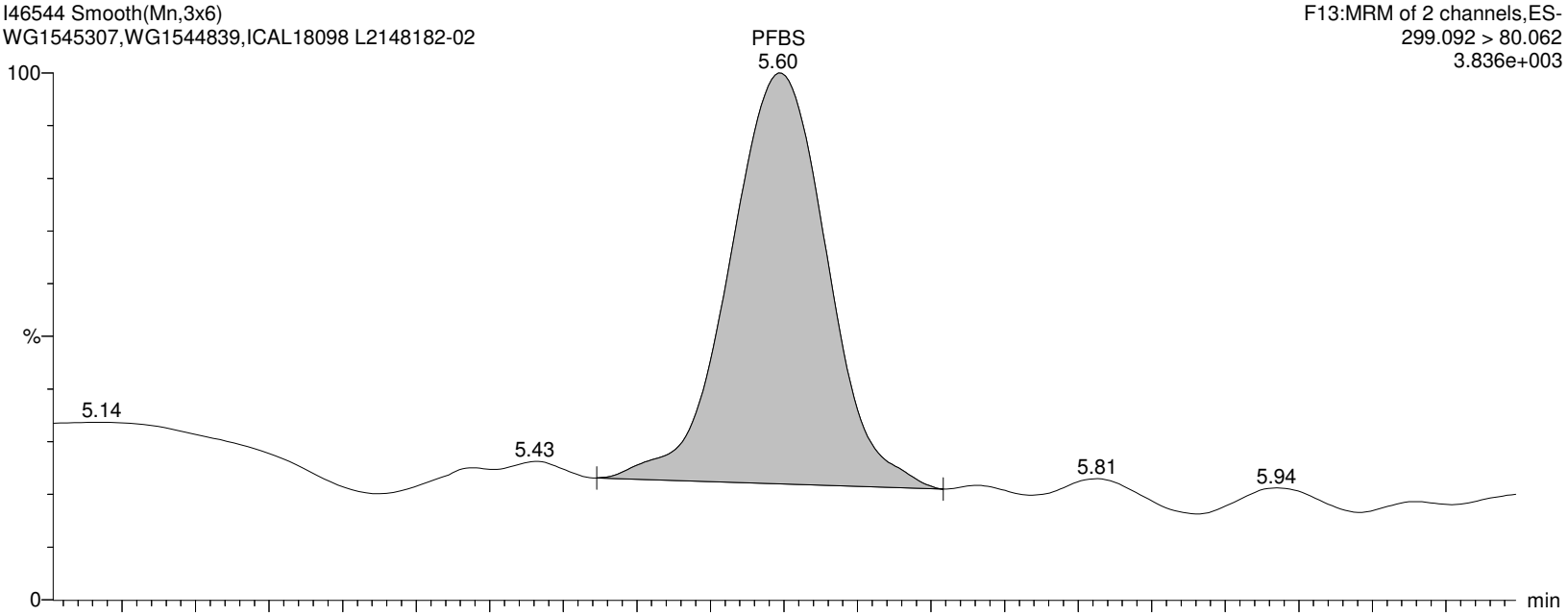


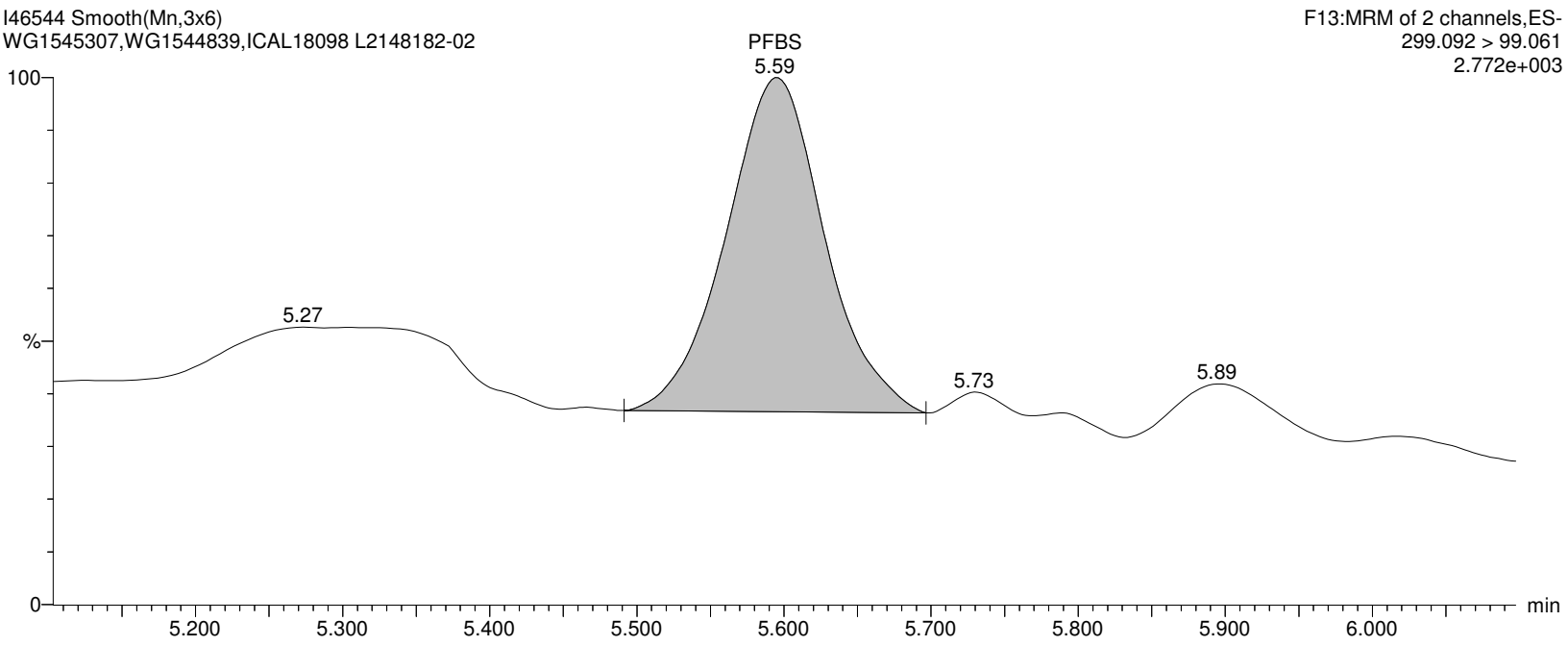
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:00 Eastern Daylight Time

Name: I46544
ID: L2148182-02
Date: 11-Sep-2021
Time: 18:05:06
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBS



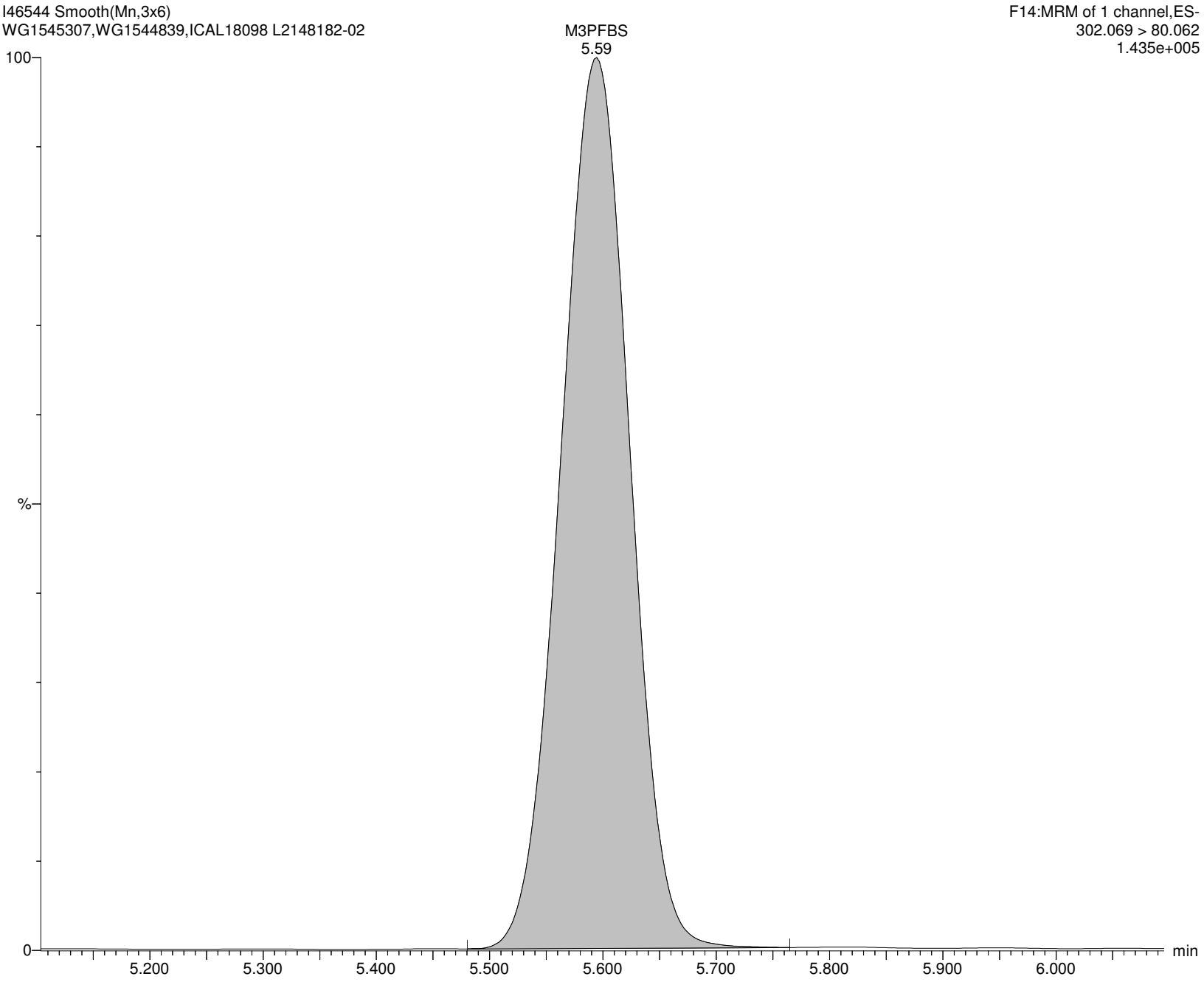


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:00 Eastern Daylight Time

Name: I46544
ID: L2148182-02
Date: 11-Sep-2021
Time: 18:05:06
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBS

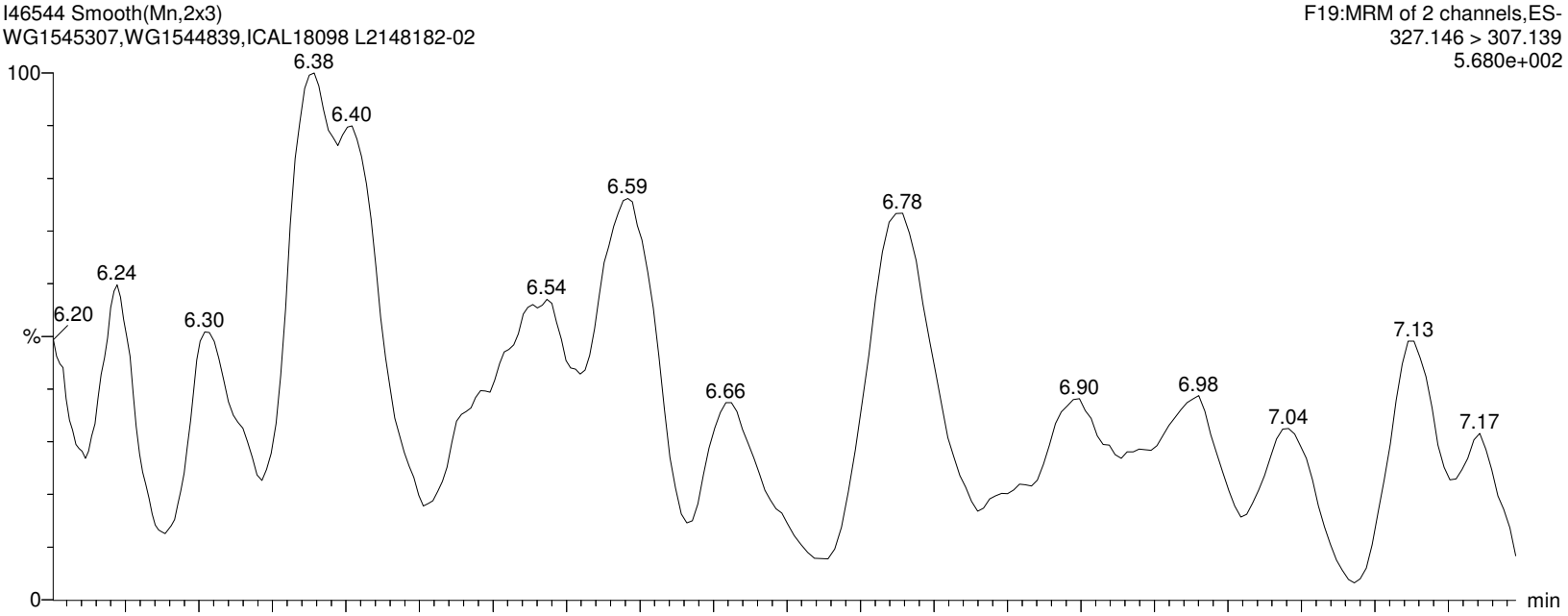


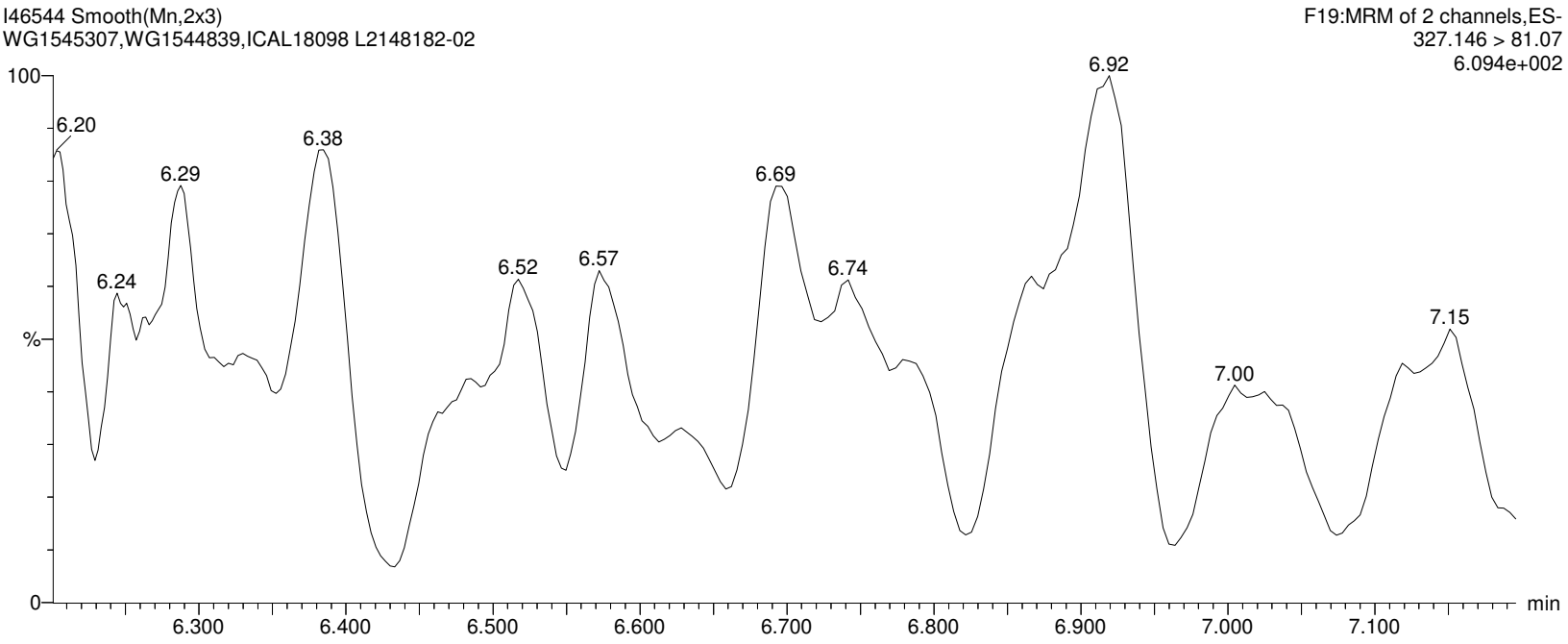
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:00 Eastern Daylight Time

Name: I46544
ID: L2148182-02
Date: 11-Sep-2021
Time: 18:05:06
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

4:2FTS



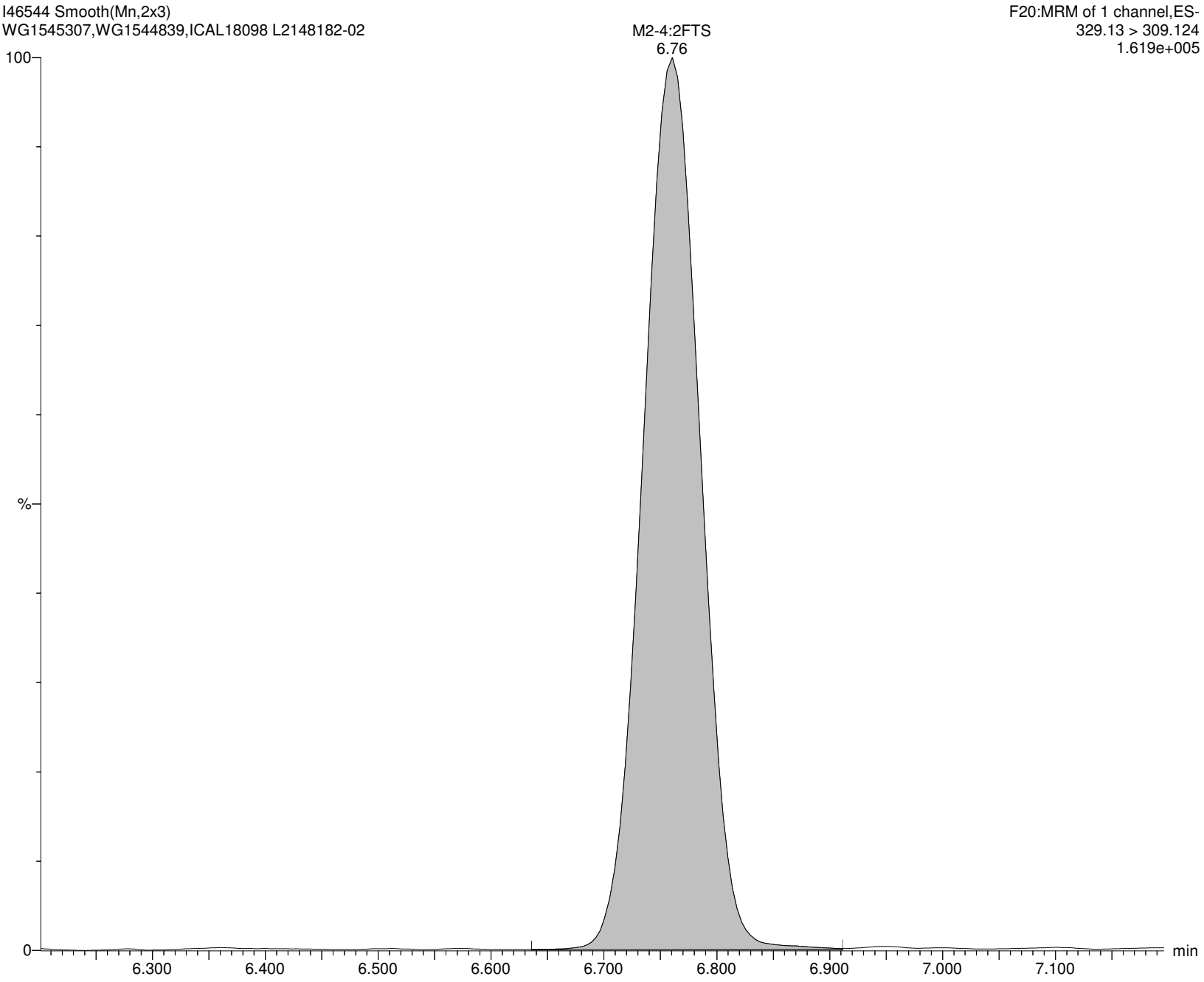


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:00 Eastern Daylight Time

Name: I46544
ID: L2148182-02
Date: 11-Sep-2021
Time: 18:05:06
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-4:2FTS

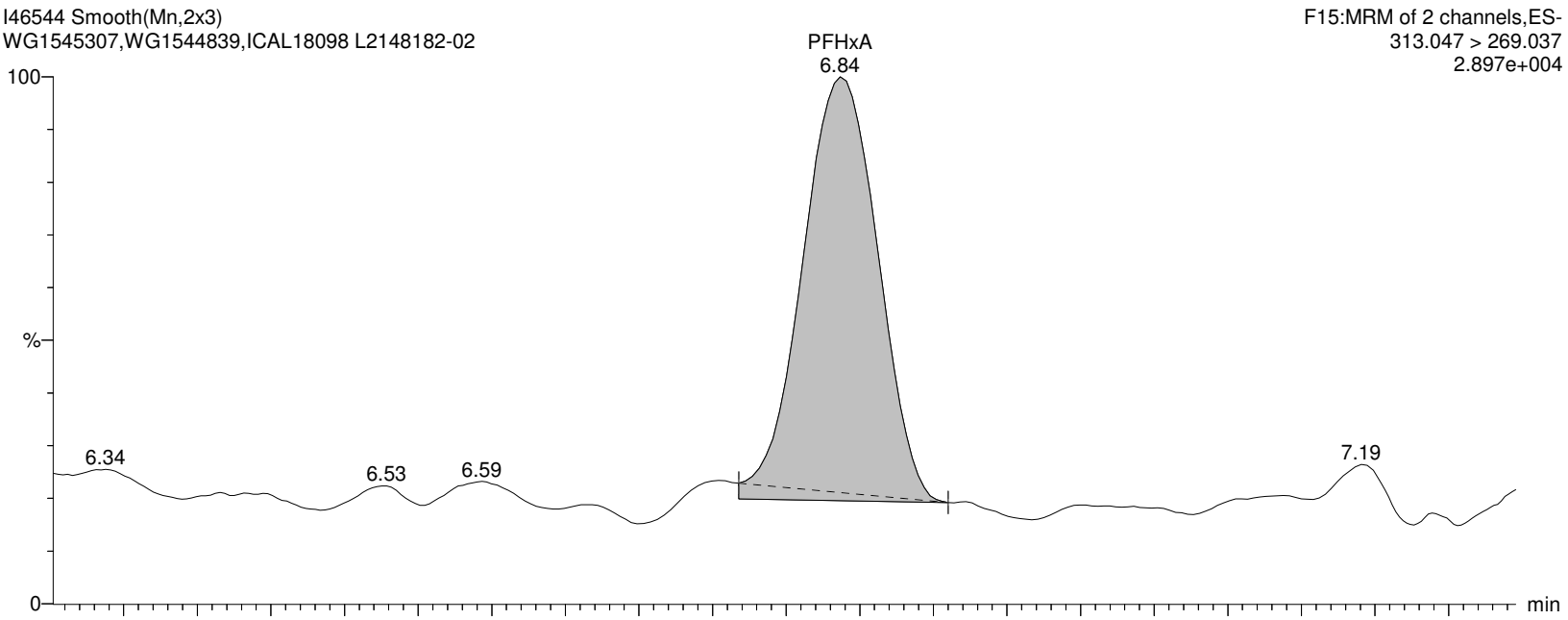


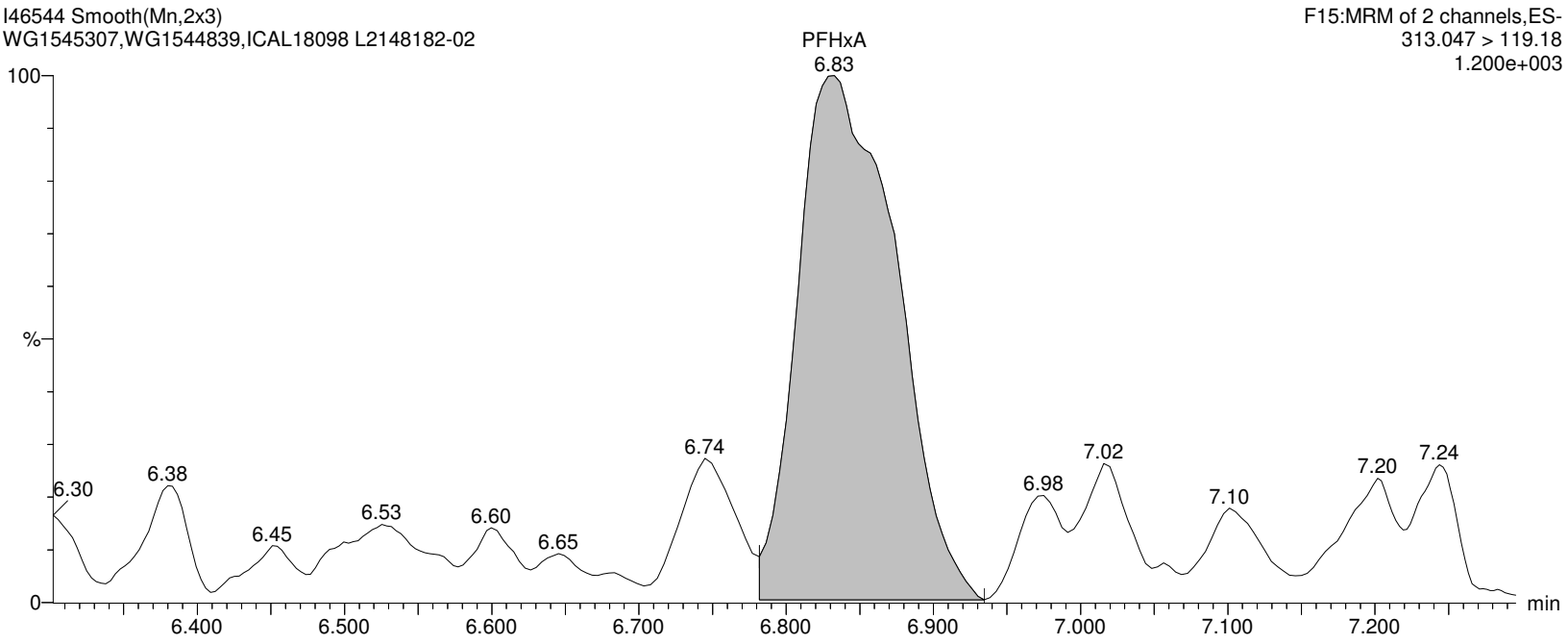
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:00 Eastern Daylight Time

Name: I46544
ID: L2148182-02
Date: 11-Sep-2021
Time: 18:05:06
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxA



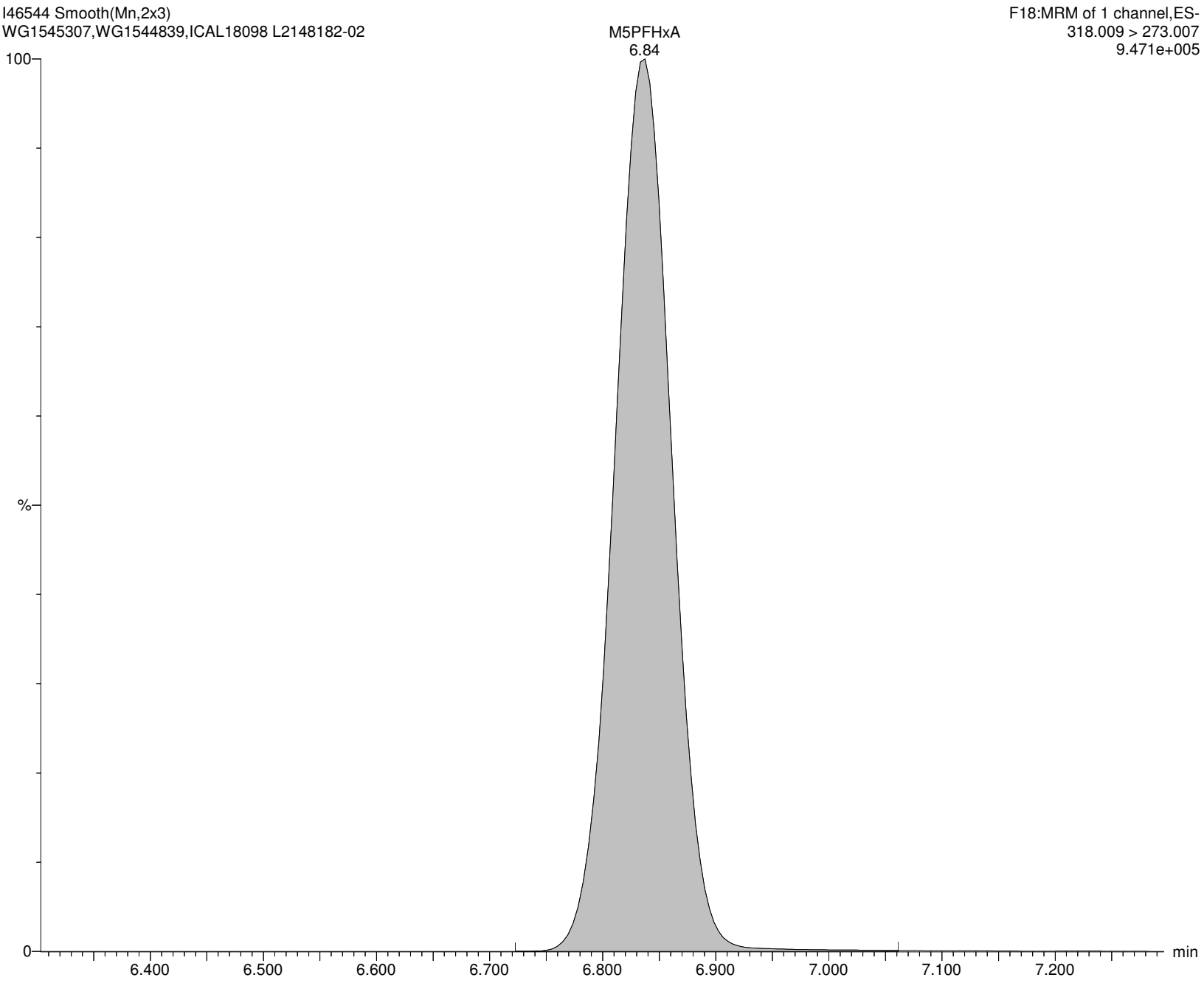


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:00 Eastern Daylight Time

Name: I46544
ID: L2148182-02
Date: 11-Sep-2021
Time: 18:05:06
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFHxA

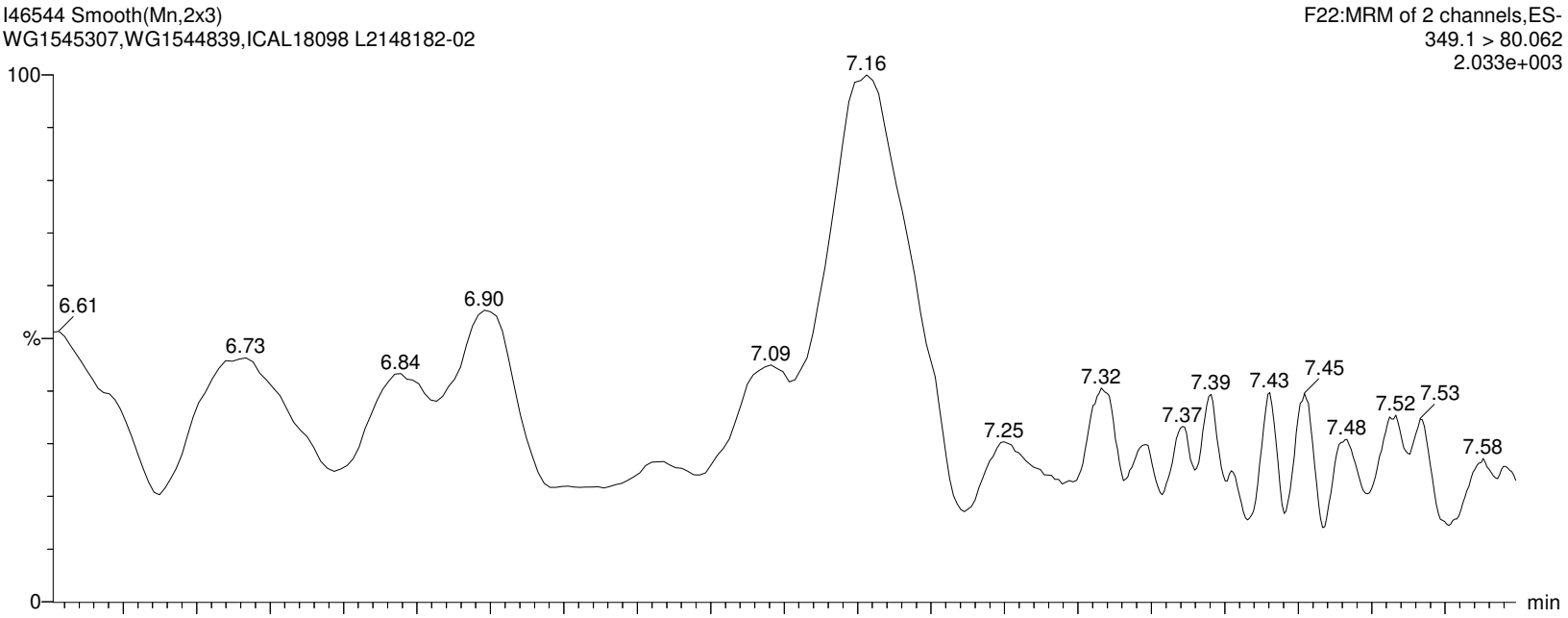


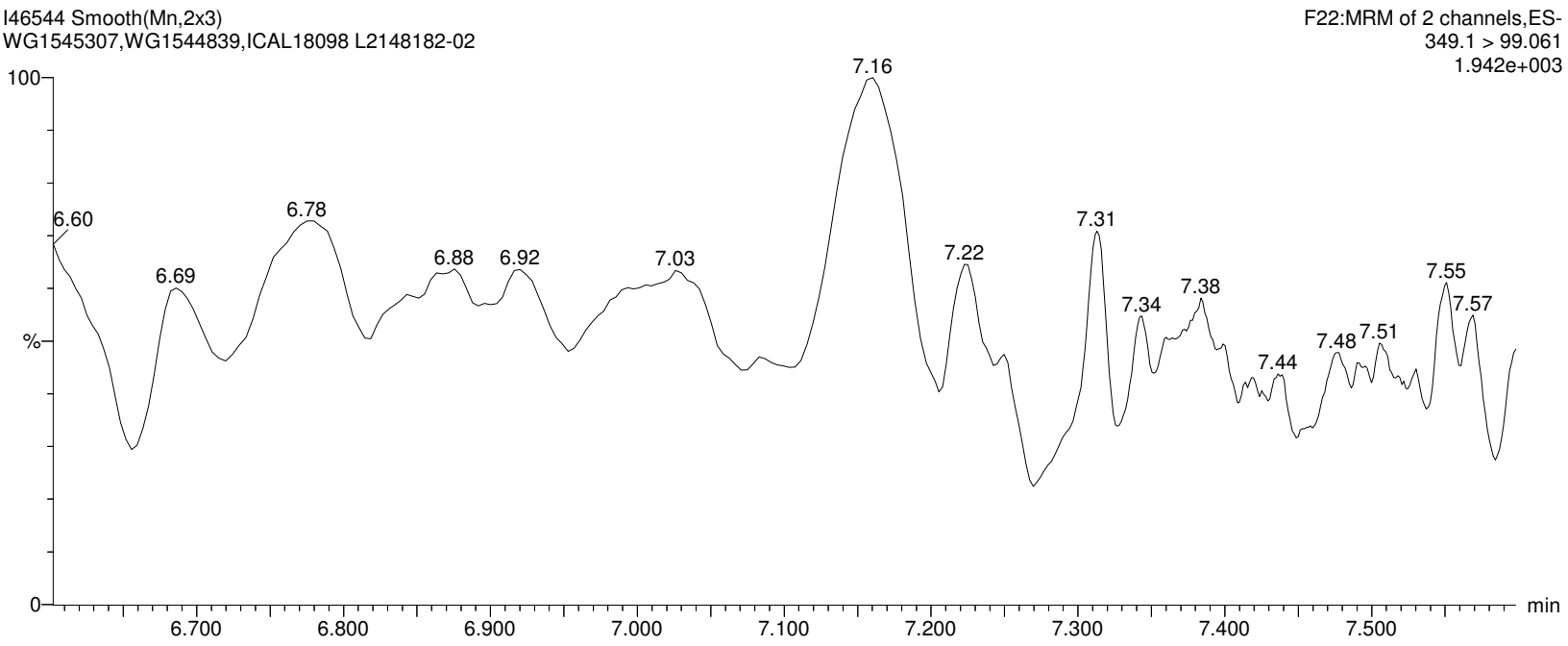
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:00 Eastern Daylight Time

Name: I46544
ID: L2148182-02
Date: 11-Sep-2021
Time: 18:05:06
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeS



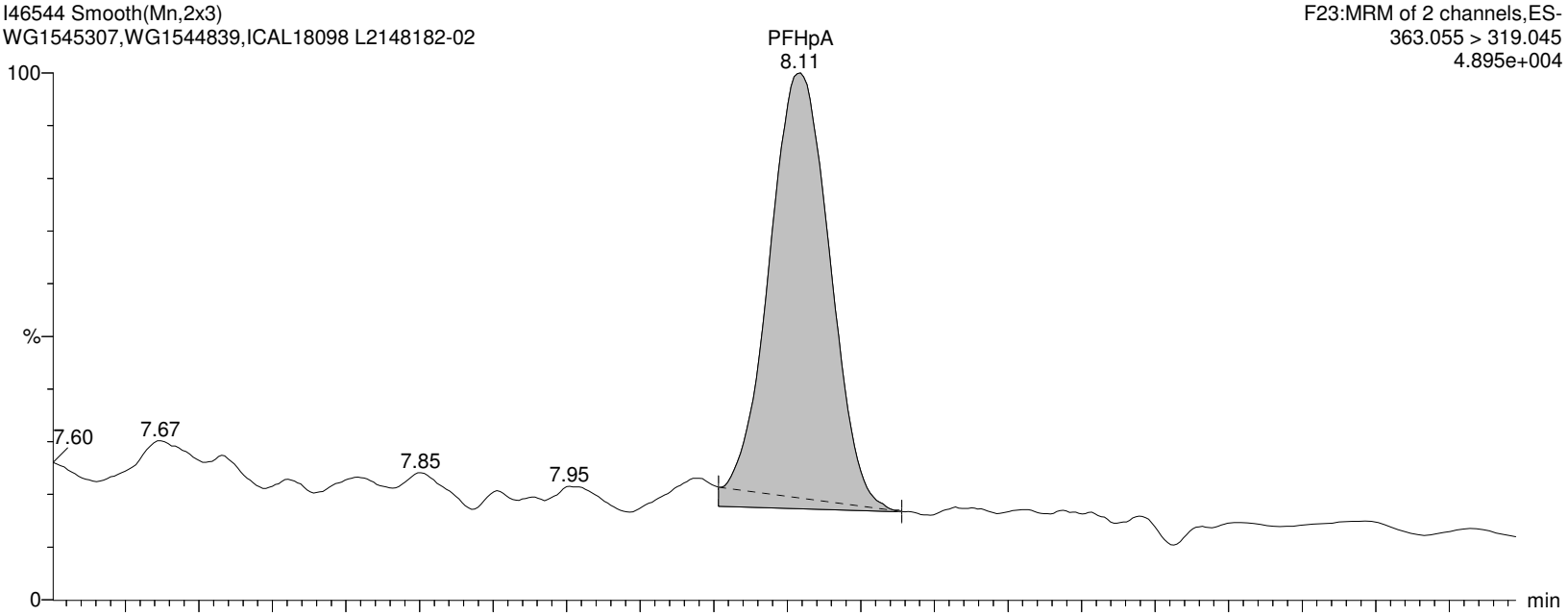


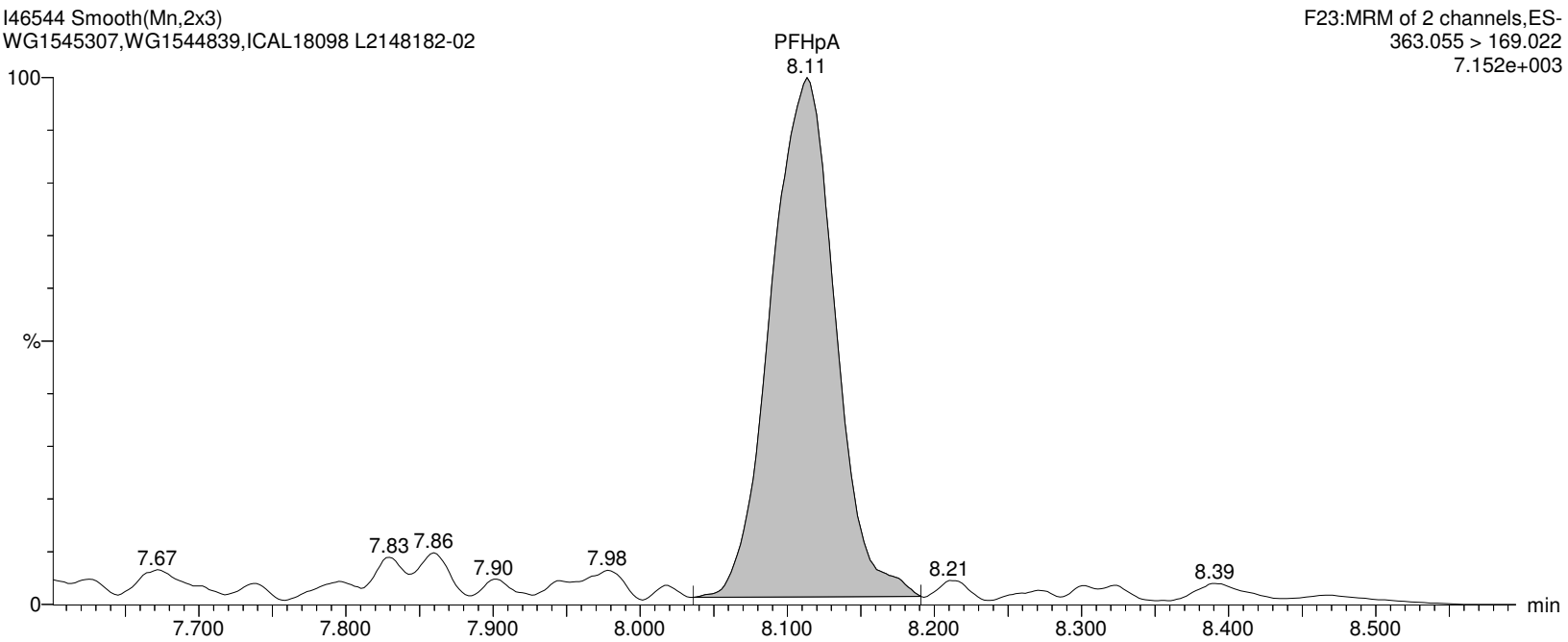
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:00 Eastern Daylight Time

Name: I46544
ID: L2148182-02
Date: 11-Sep-2021
Time: 18:05:06
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpA



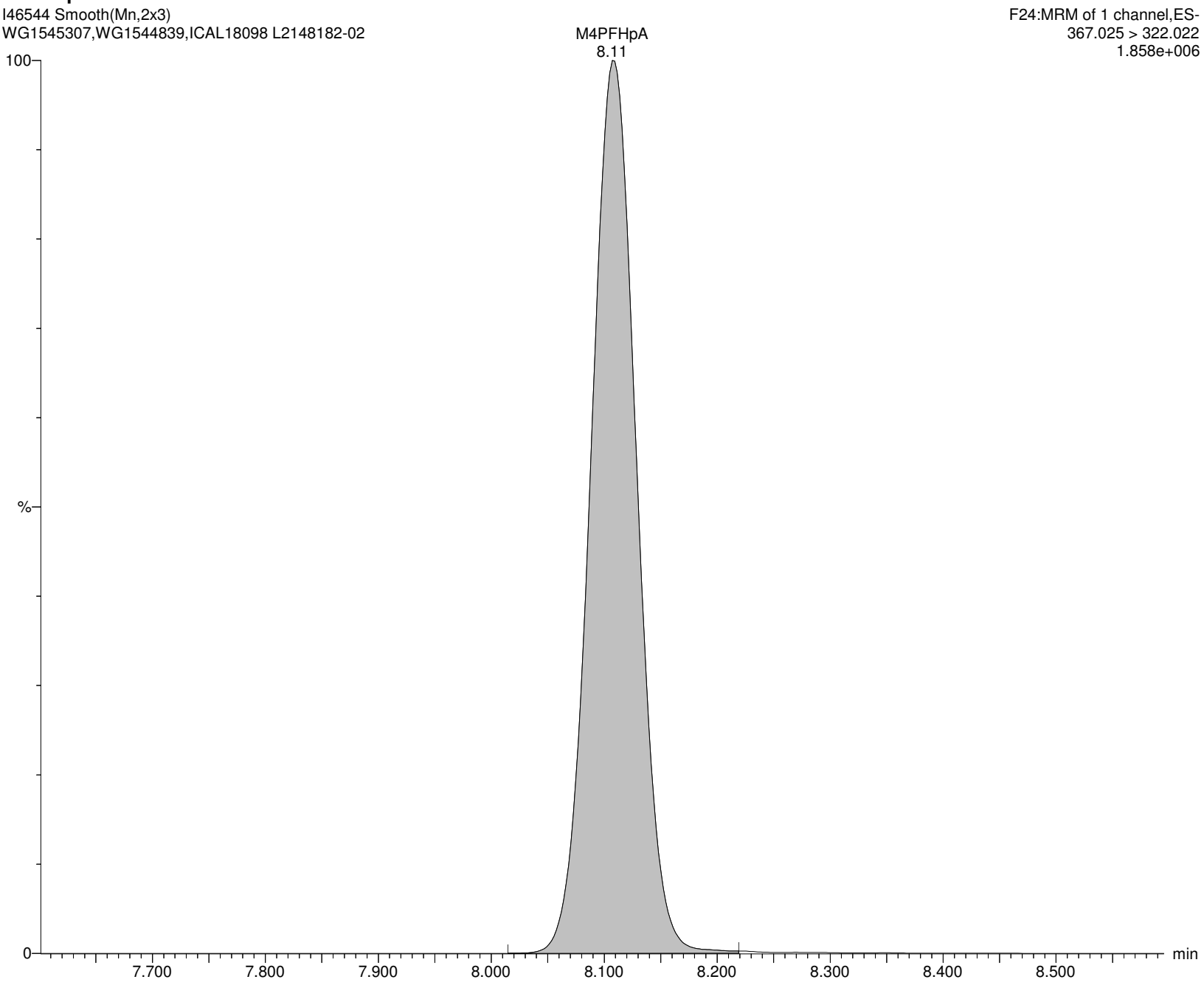


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:00 Eastern Daylight Time

Name: I46544
ID: L2148182-02
Date: 11-Sep-2021
Time: 18:05:06
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFHpA

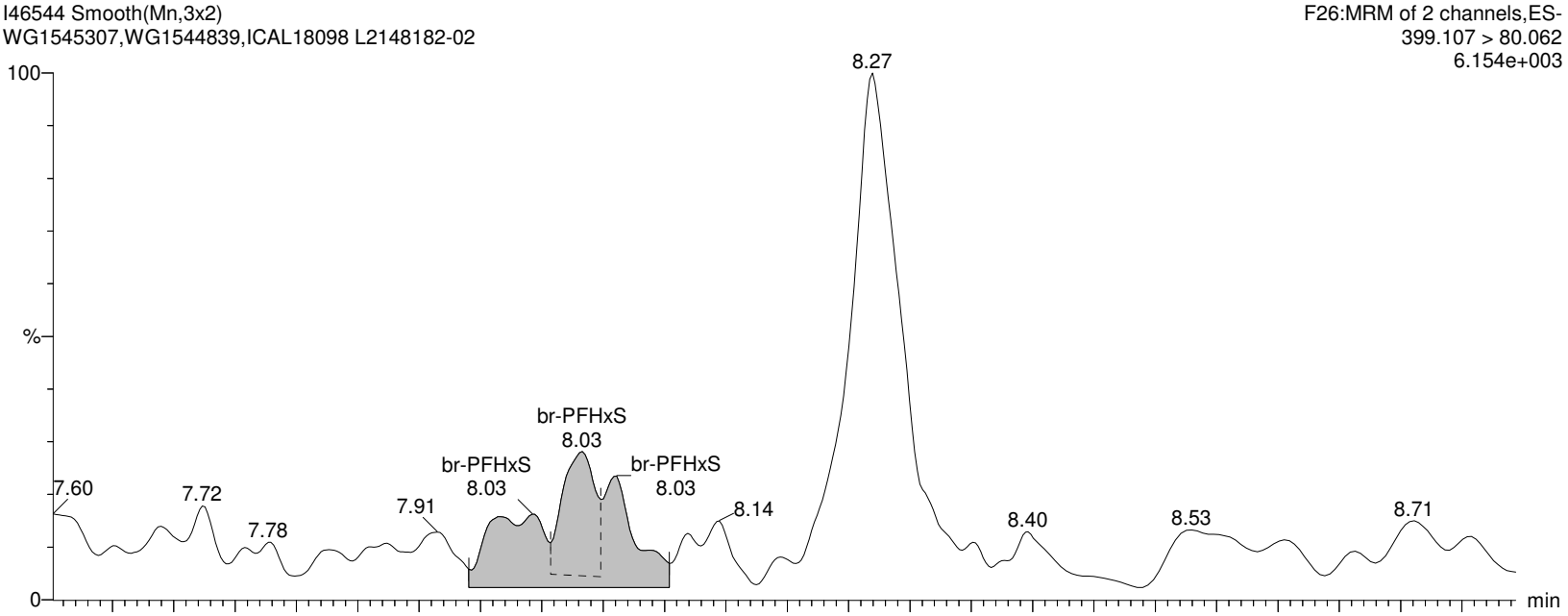


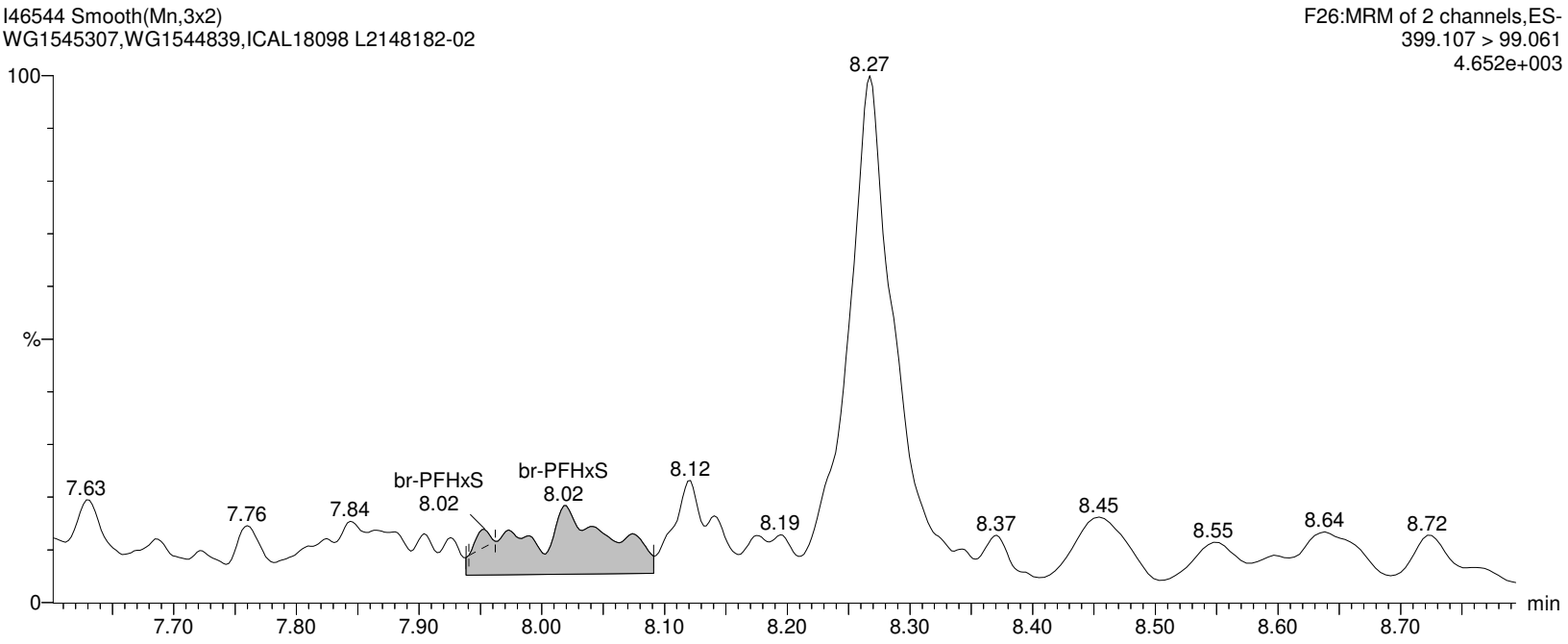
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:00 Eastern Daylight Time

Name: I46544
ID: L2148182-02
Date: 11-Sep-2021
Time: 18:05:06
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFHxS



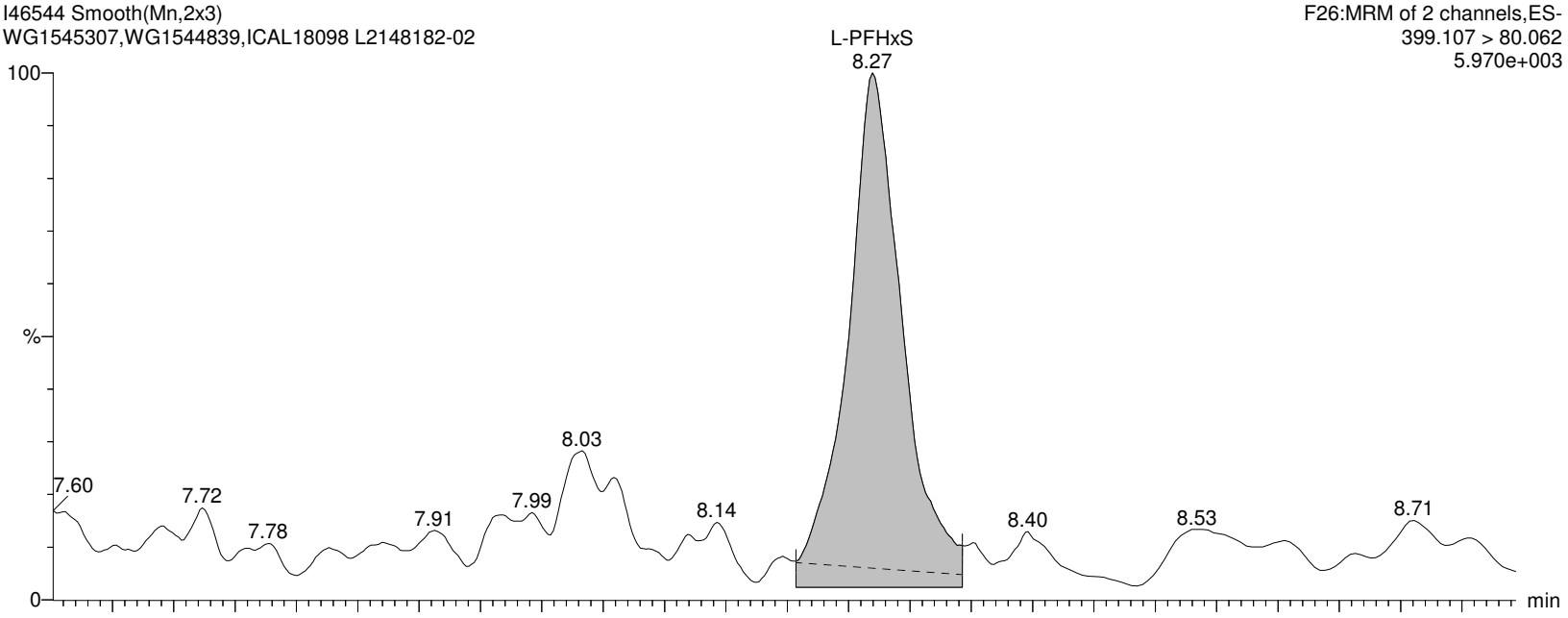


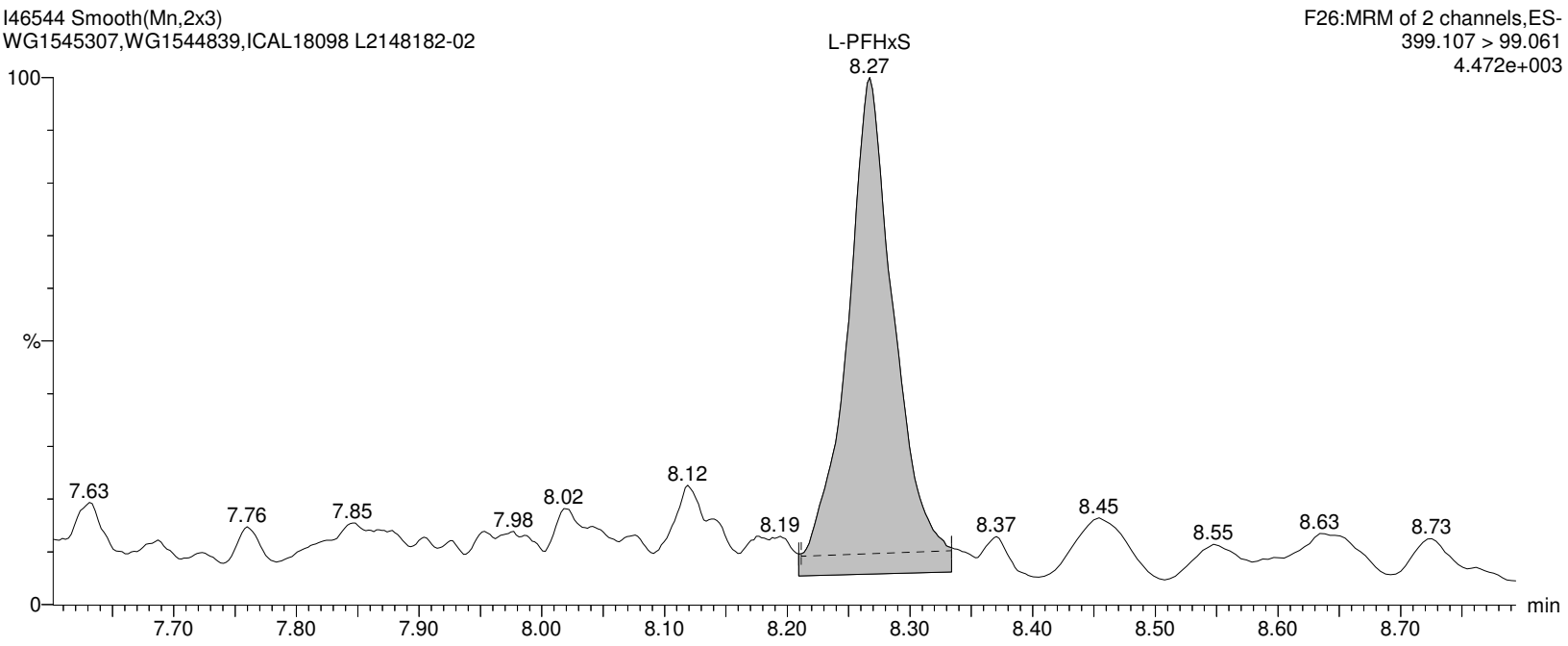
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:00 Eastern Daylight Time

Name: I46544
ID: L2148182-02
Date: 11-Sep-2021
Time: 18:05:06
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFHxS



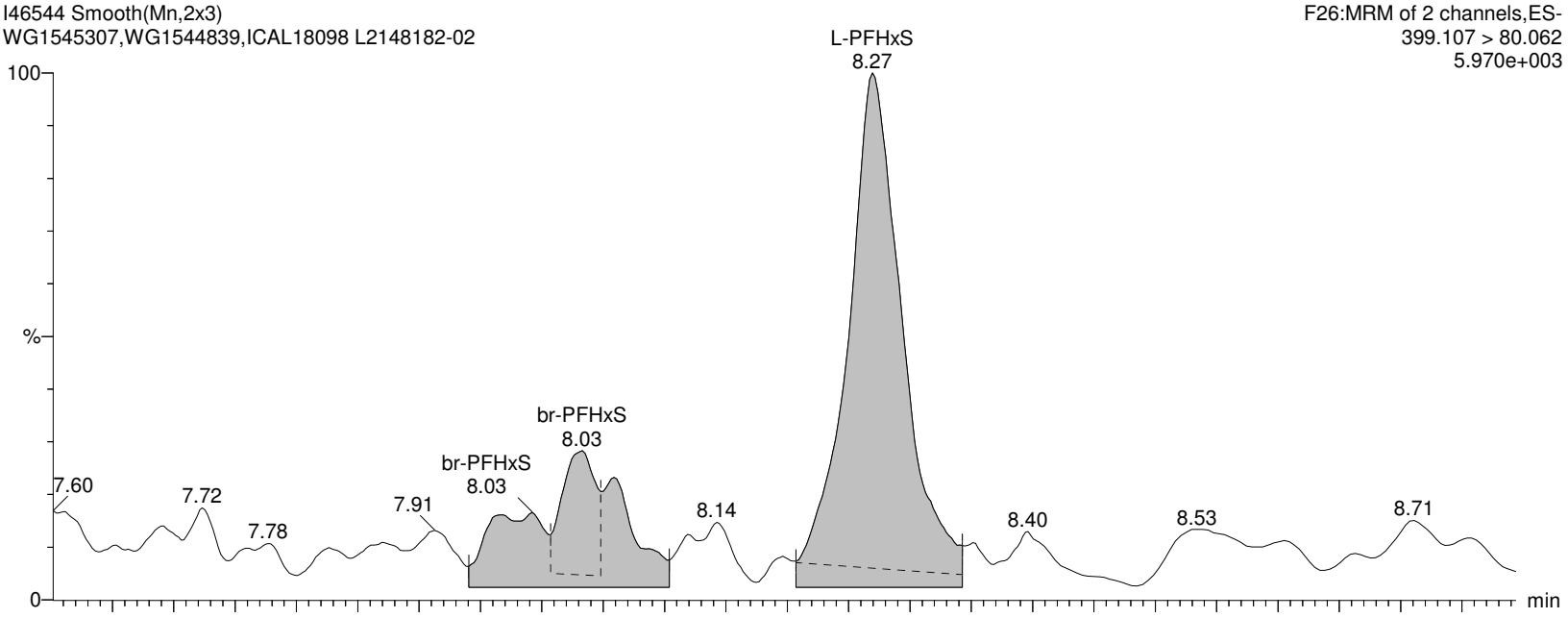


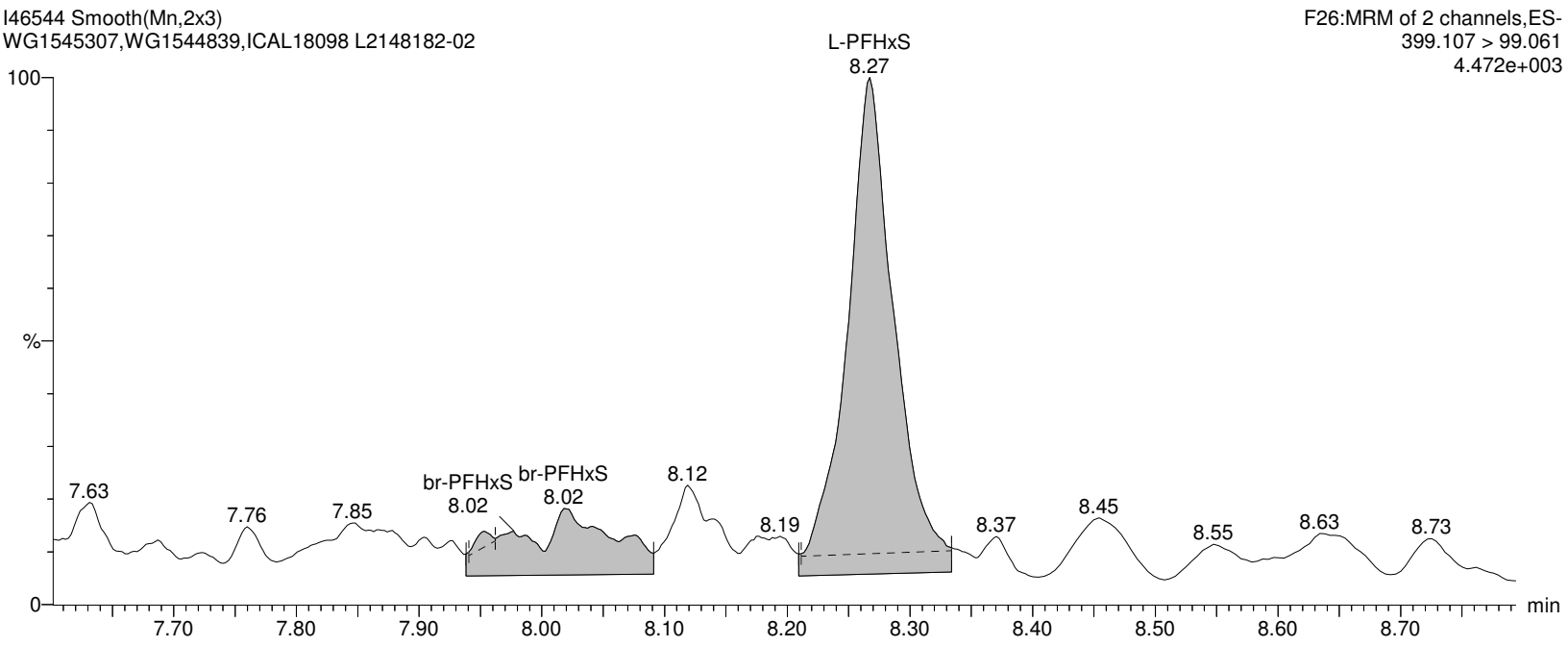
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:00 Eastern Daylight Time

Name: I46544
ID: L2148182-02
Date: 11-Sep-2021
Time: 18:05:06
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxS



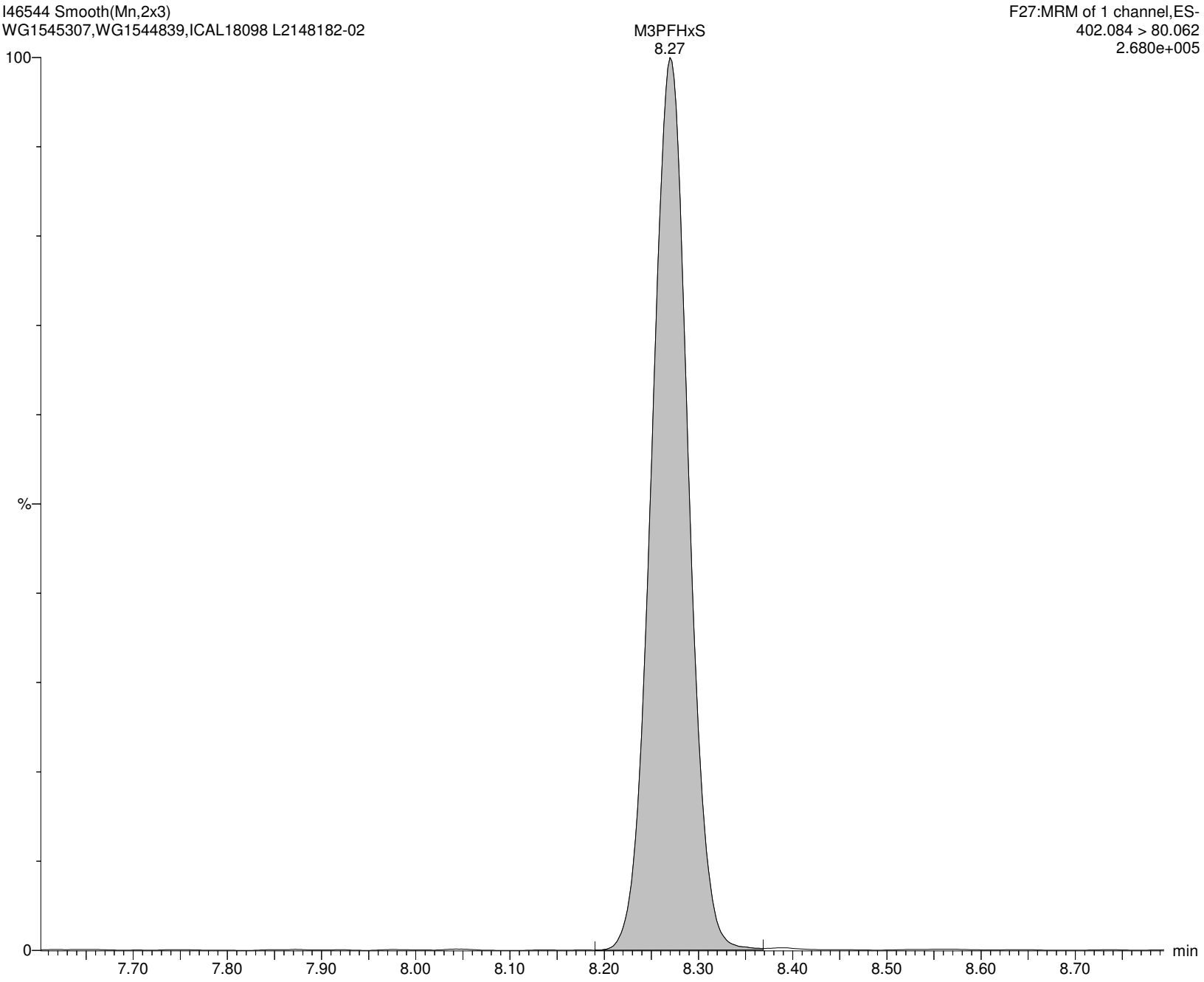


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:00 Eastern Daylight Time

Name: I46544
ID: L2148182-02
Date: 11-Sep-2021
Time: 18:05:06
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFHxS

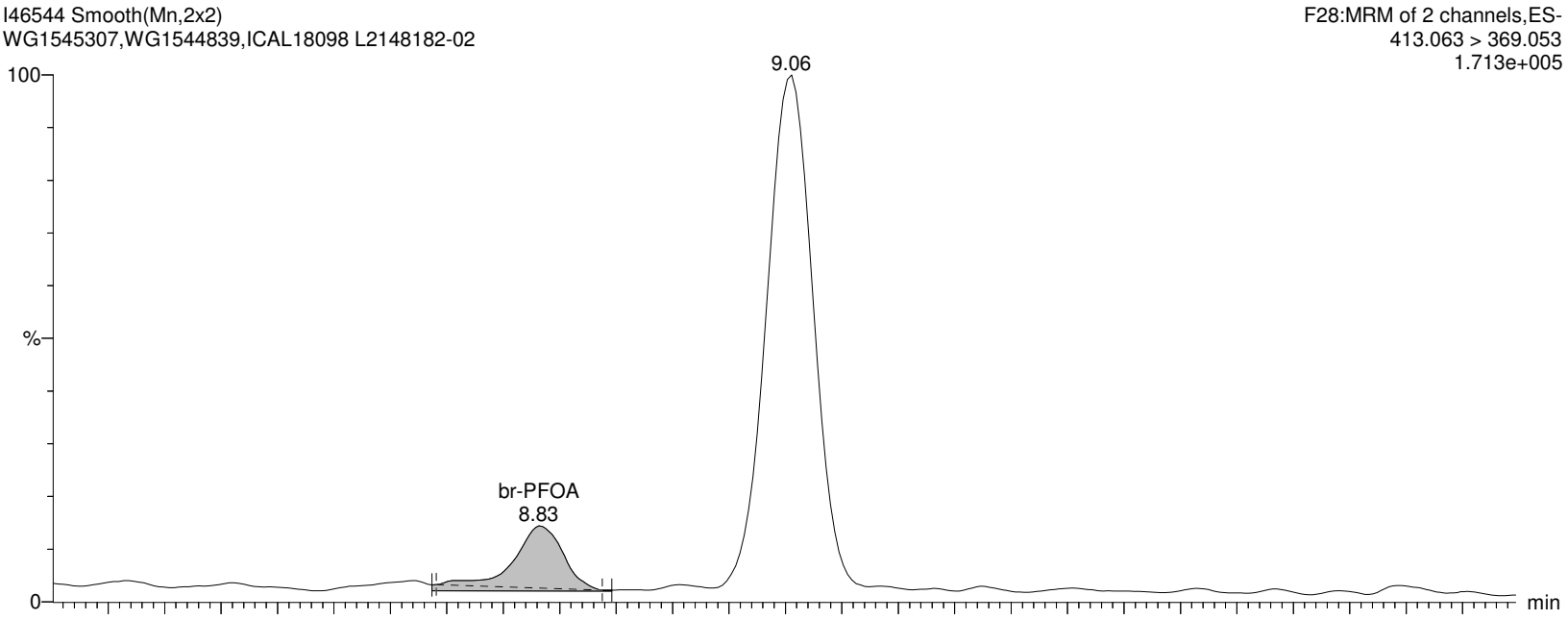


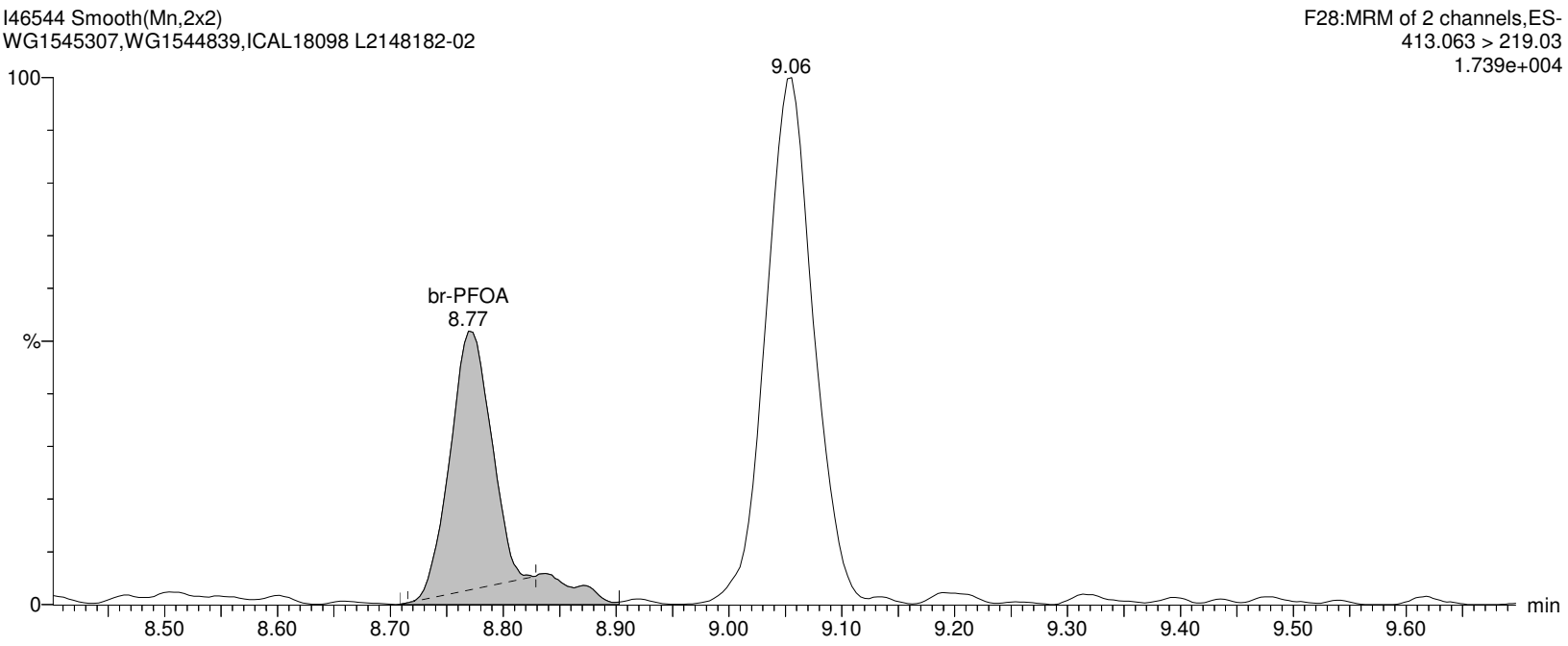
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:00 Eastern Daylight Time

Name: I46544
ID: L2148182-02
Date: 11-Sep-2021
Time: 18:05:06
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOA



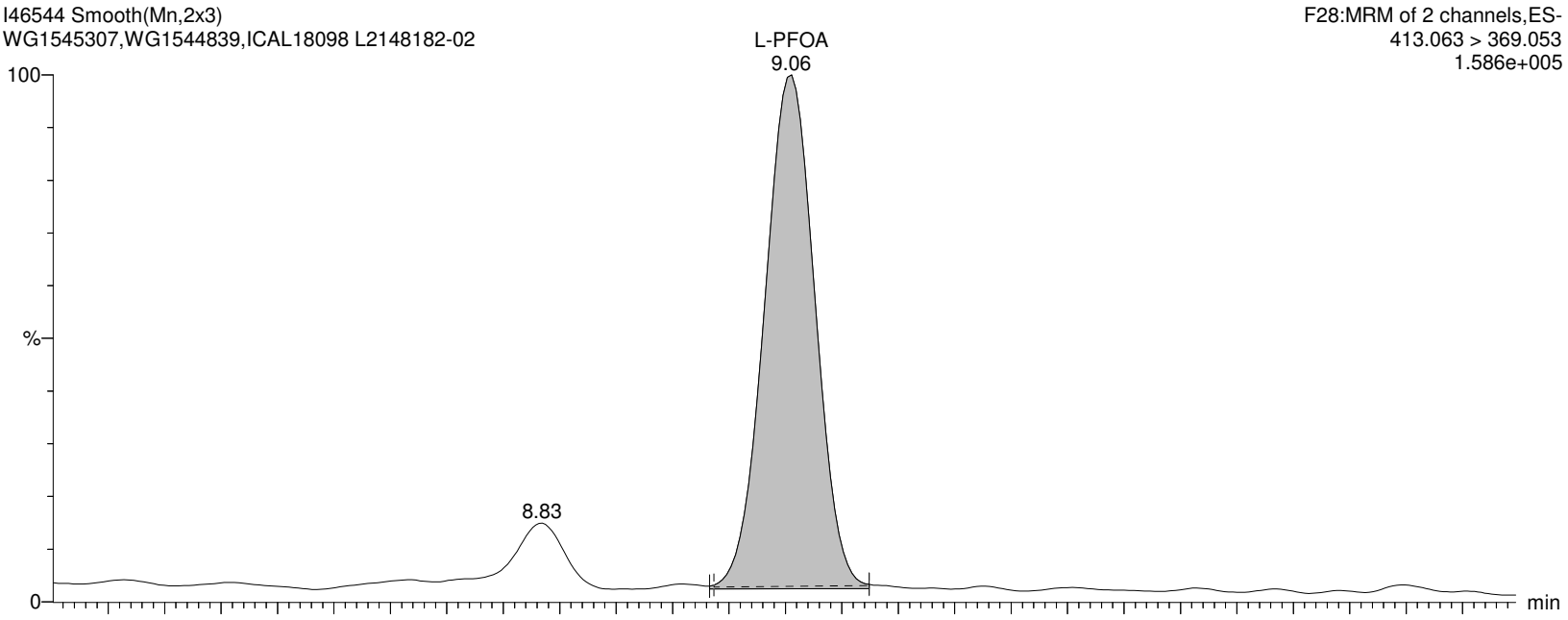


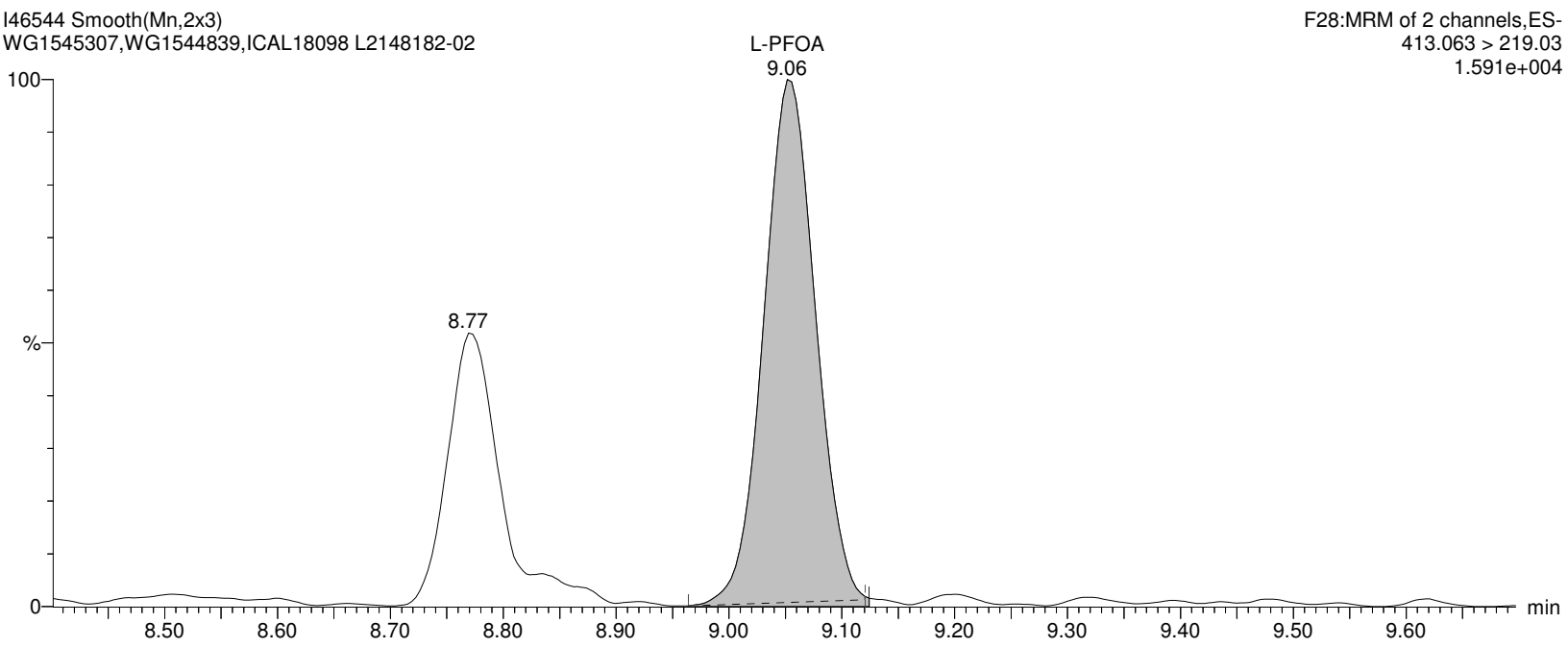
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:00 Eastern Daylight Time

Name: I46544
ID: L2148182-02
Date: 11-Sep-2021
Time: 18:05:06
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOA



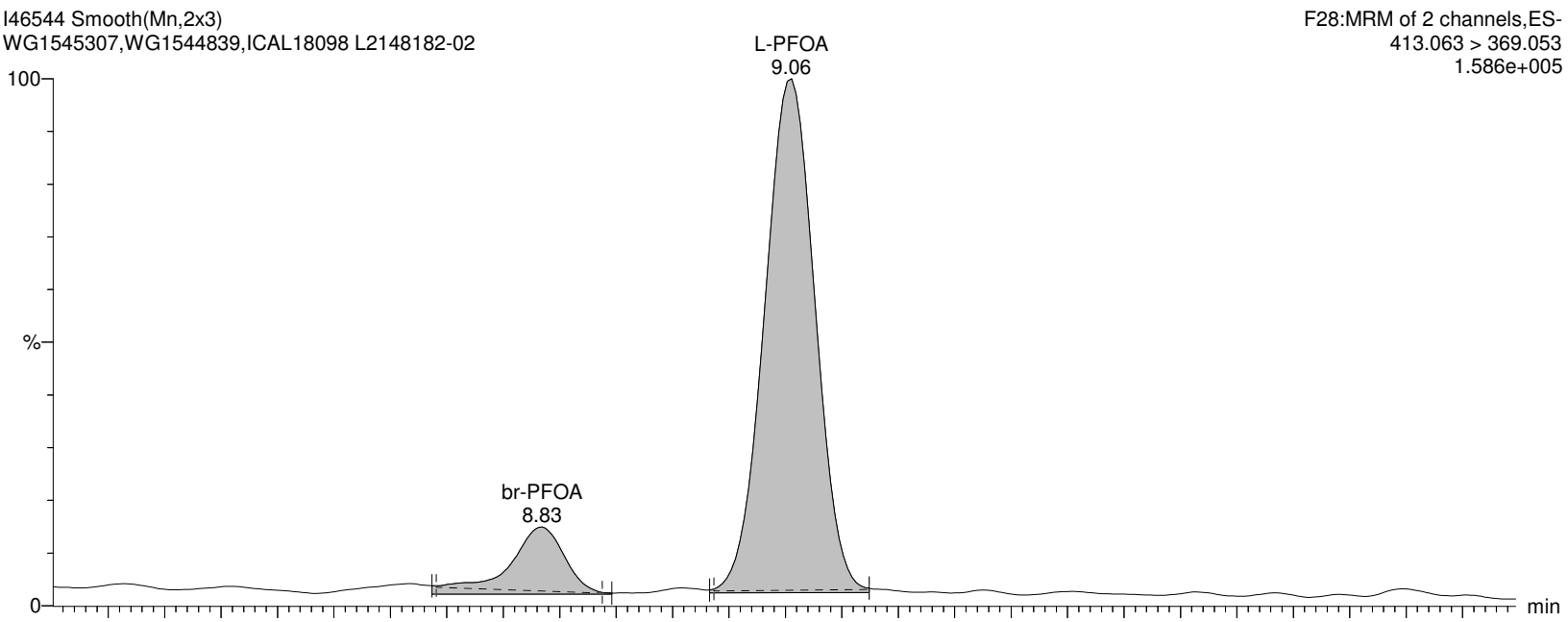


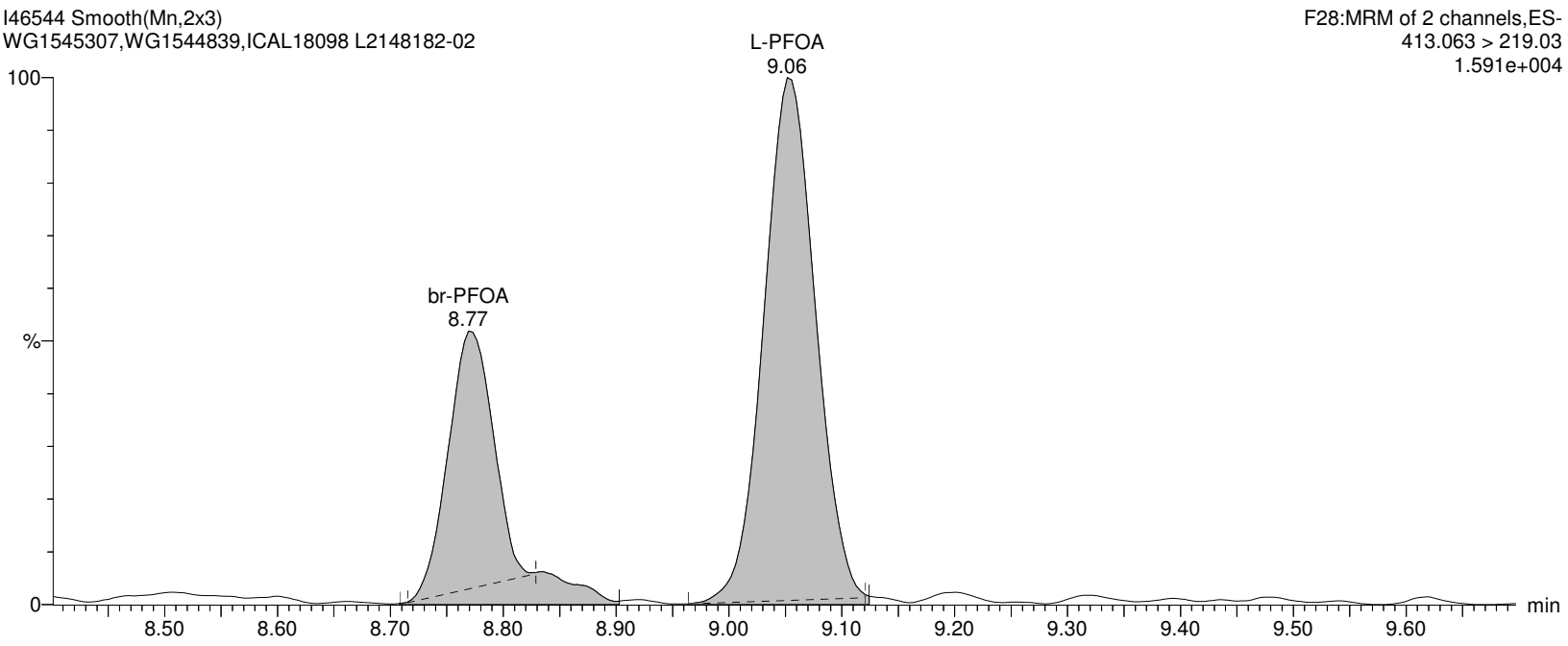
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:00 Eastern Daylight Time

Name: I46544
ID: L2148182-02
Date: 11-Sep-2021
Time: 18:05:06
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOA



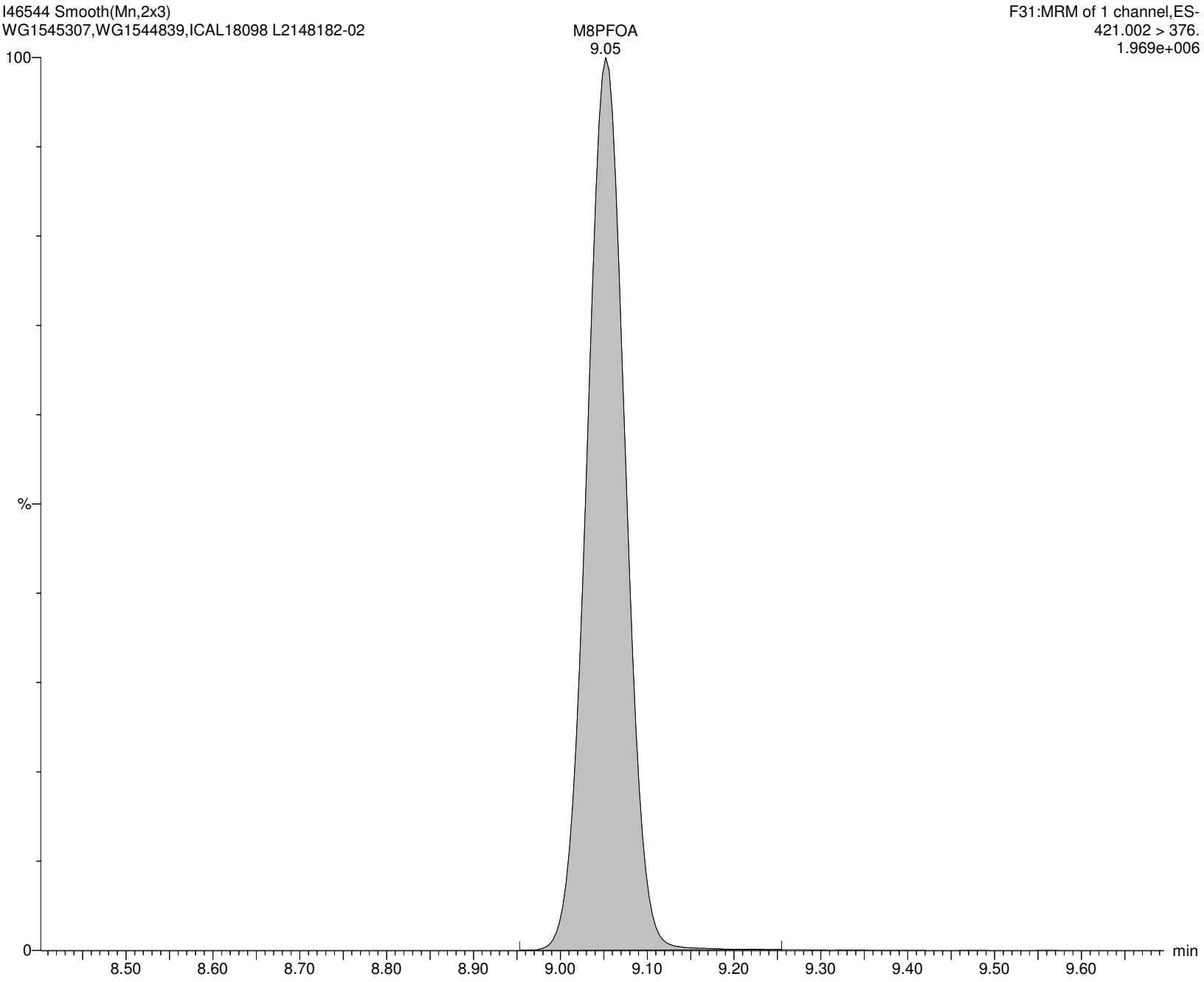


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:00 Eastern Daylight Time

Name: I46544
ID: L2148182-02
Date: 11-Sep-2021
Time: 18:05:06
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOA

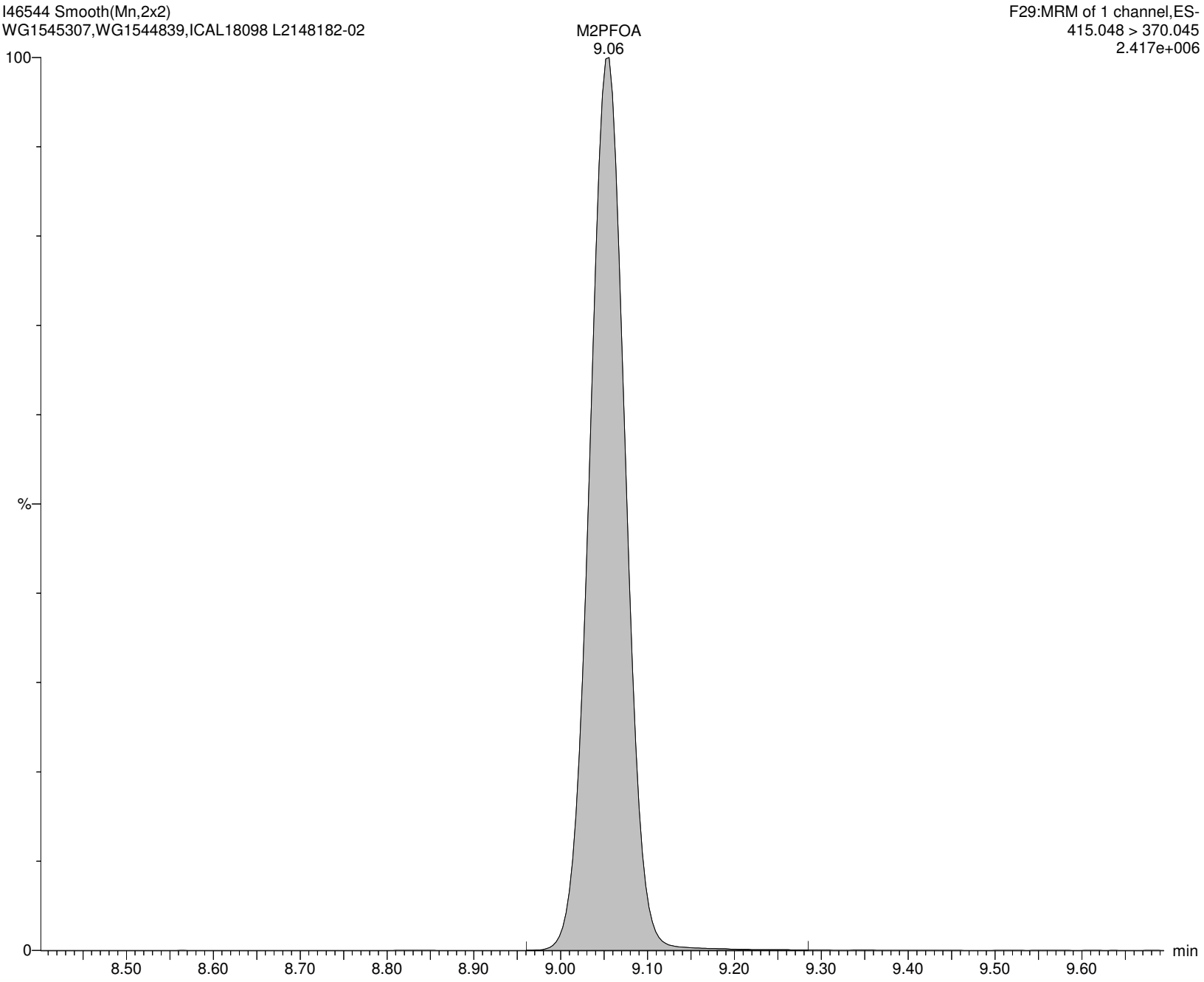


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:00 Eastern Daylight Time

Name: I46544
ID: L2148182-02
Date: 11-Sep-2021
Time: 18:05:06
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFOA

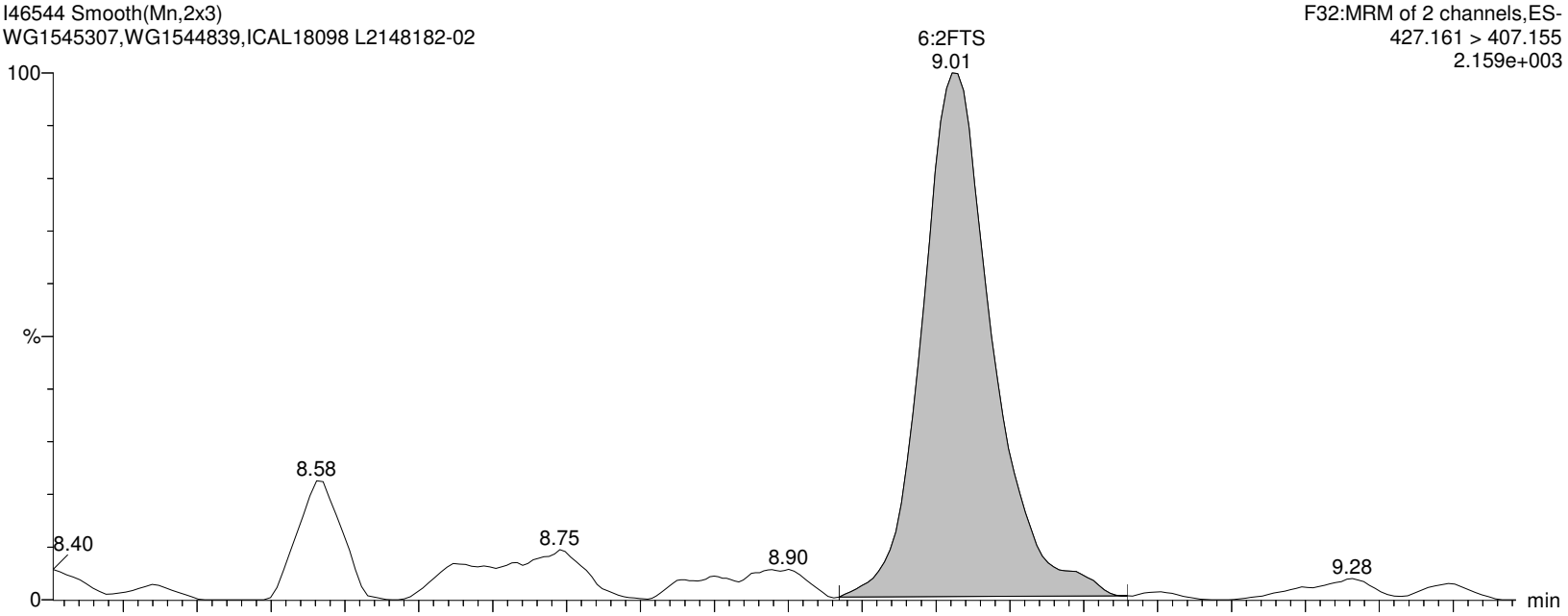


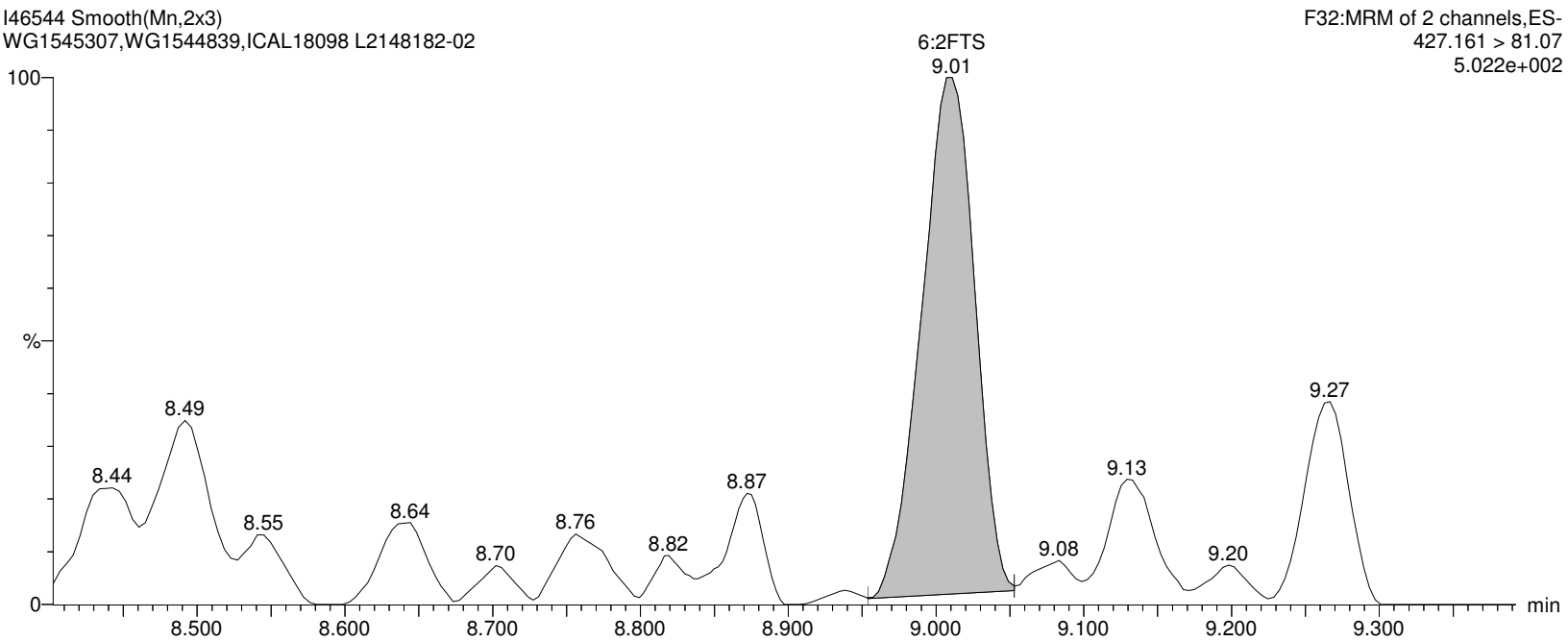
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:00 Eastern Daylight Time

Name: I46544
ID: L2148182-02
Date: 11-Sep-2021
Time: 18:05:06
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

6:2FTS



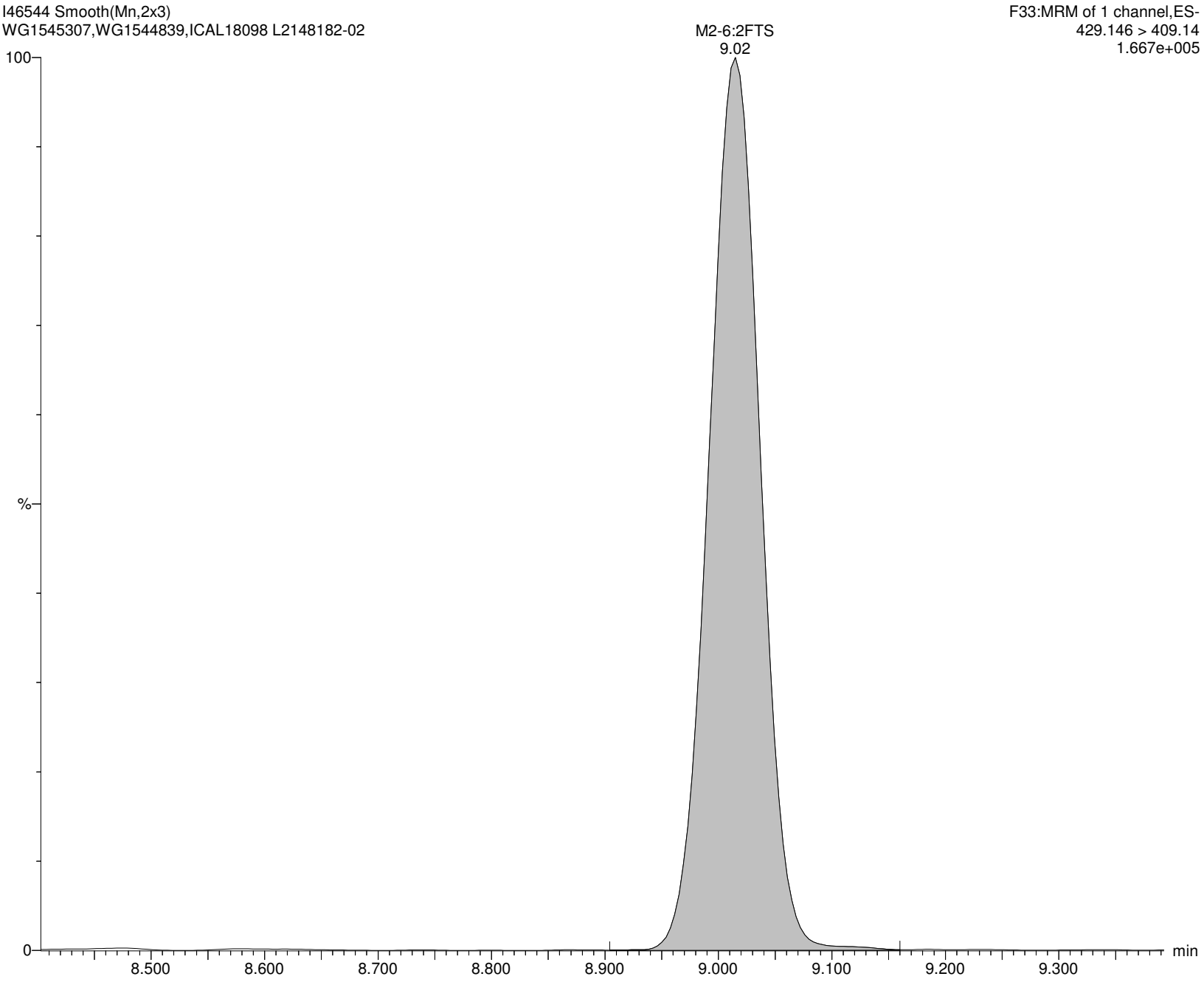


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:00 Eastern Daylight Time

Name: I46544
ID: L2148182-02
Date: 11-Sep-2021
Time: 18:05:06
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-6:2FTS

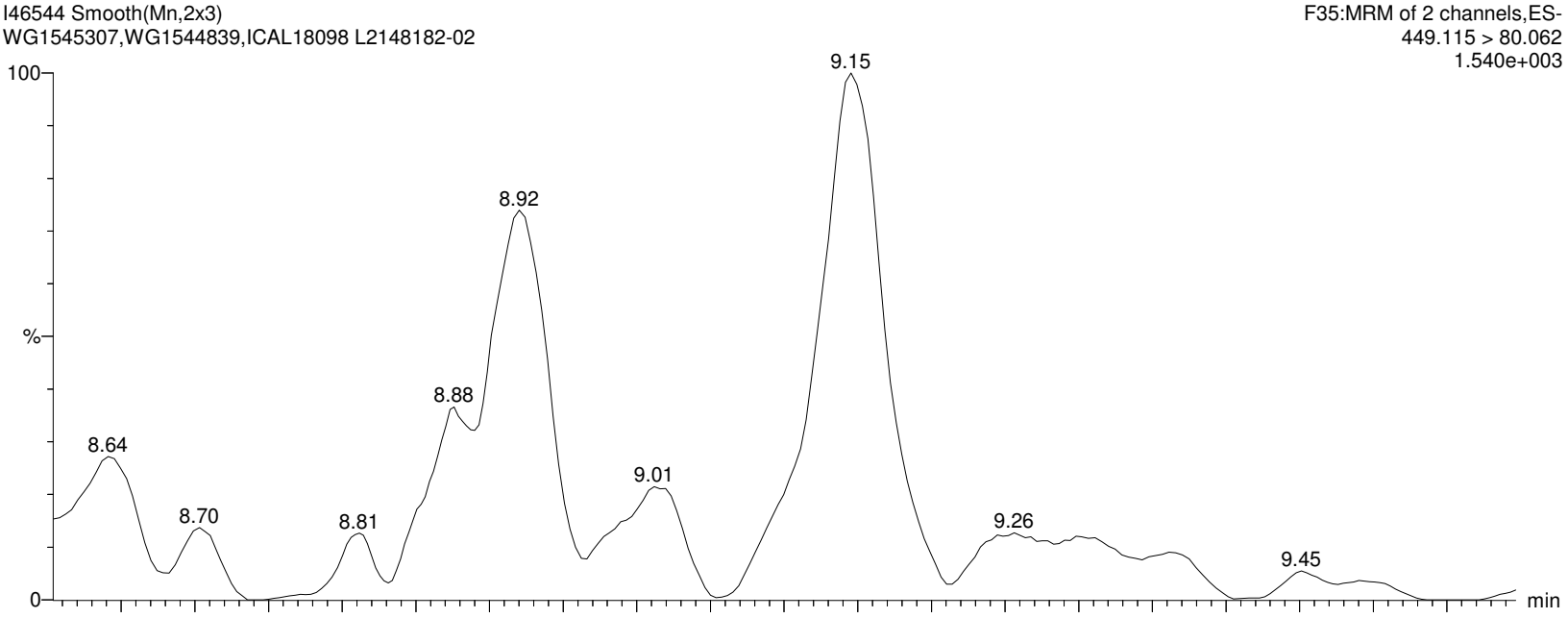


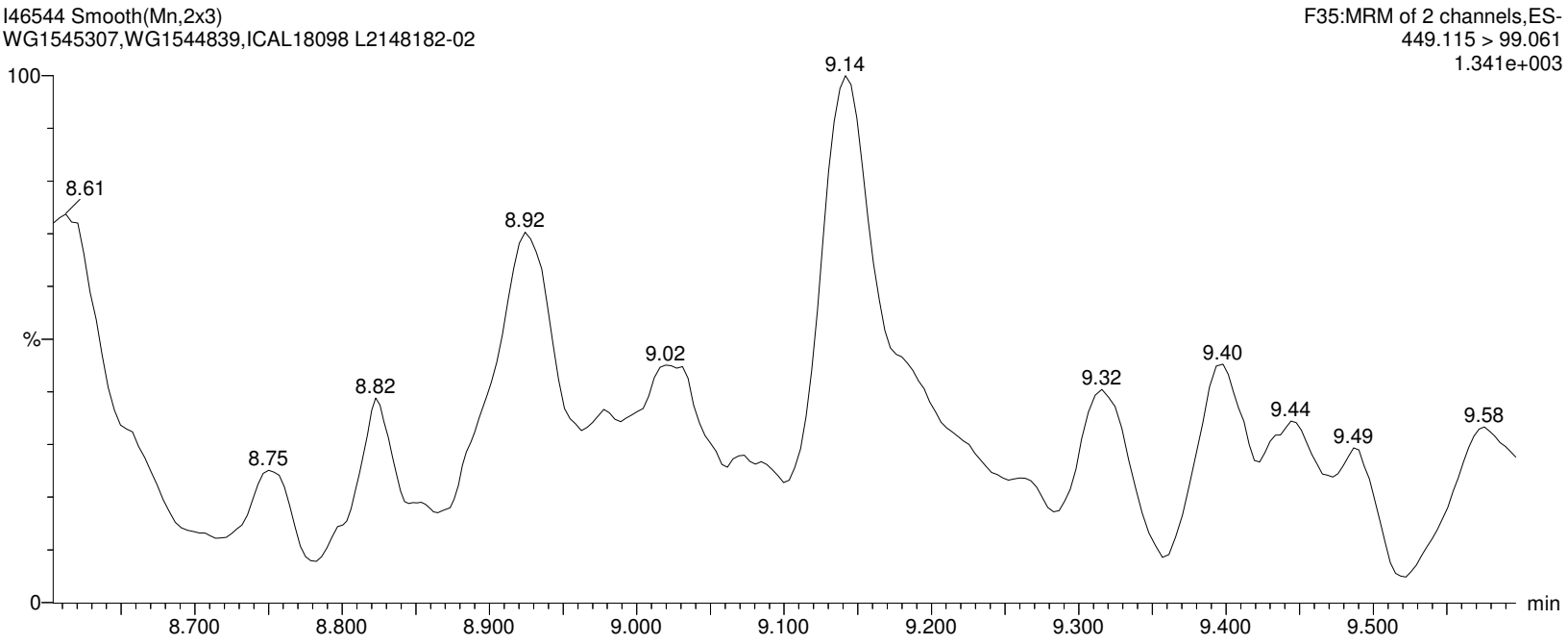
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:00 Eastern Daylight Time

Name: I46544
ID: L2148182-02
Date: 11-Sep-2021
Time: 18:05:06
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpS



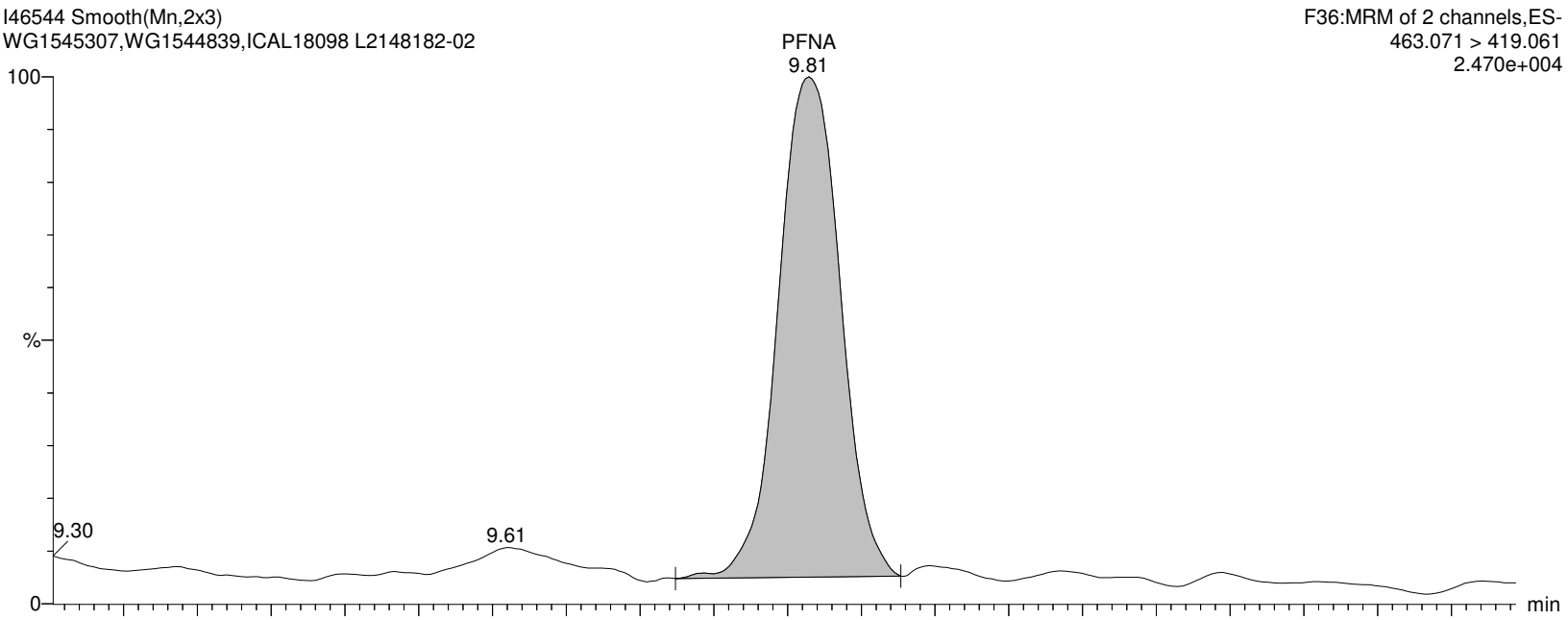


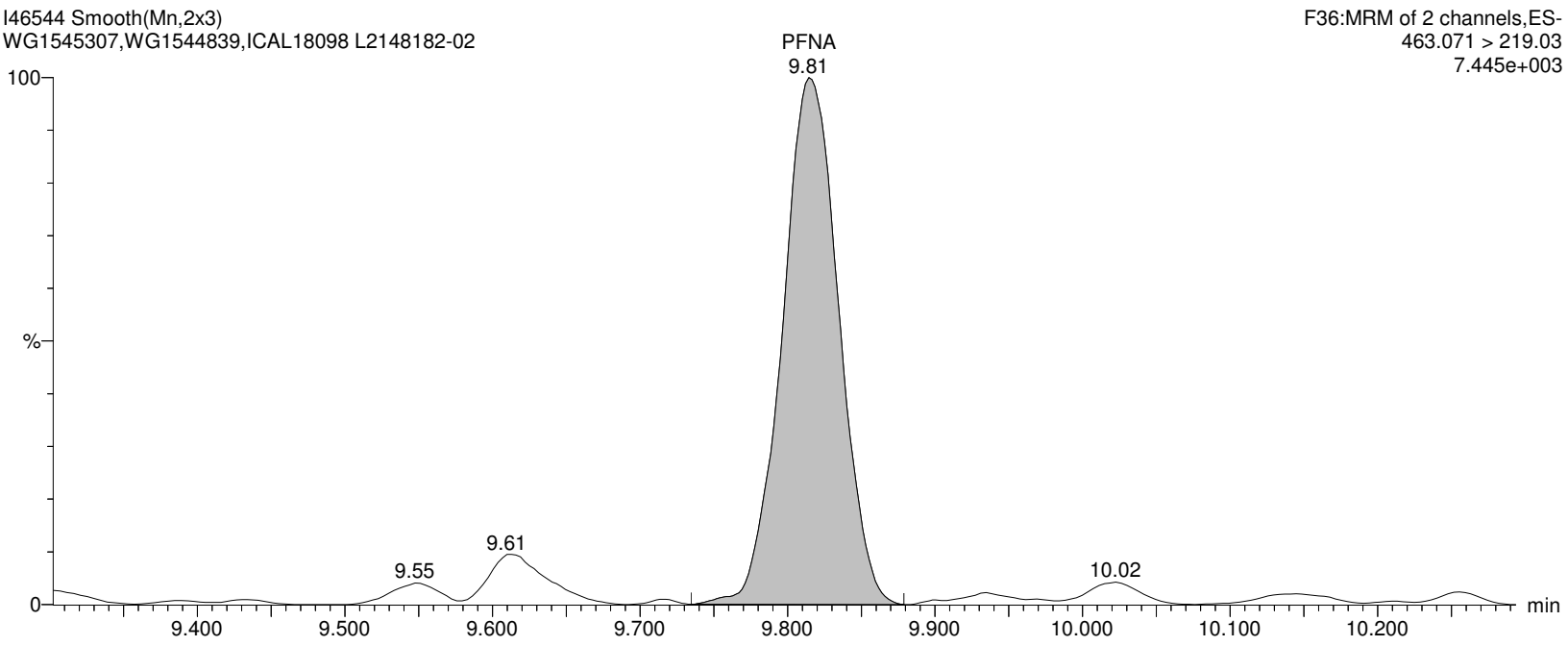
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:00 Eastern Daylight Time

Name: I46544
ID: L2148182-02
Date: 11-Sep-2021
Time: 18:05:06
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNA



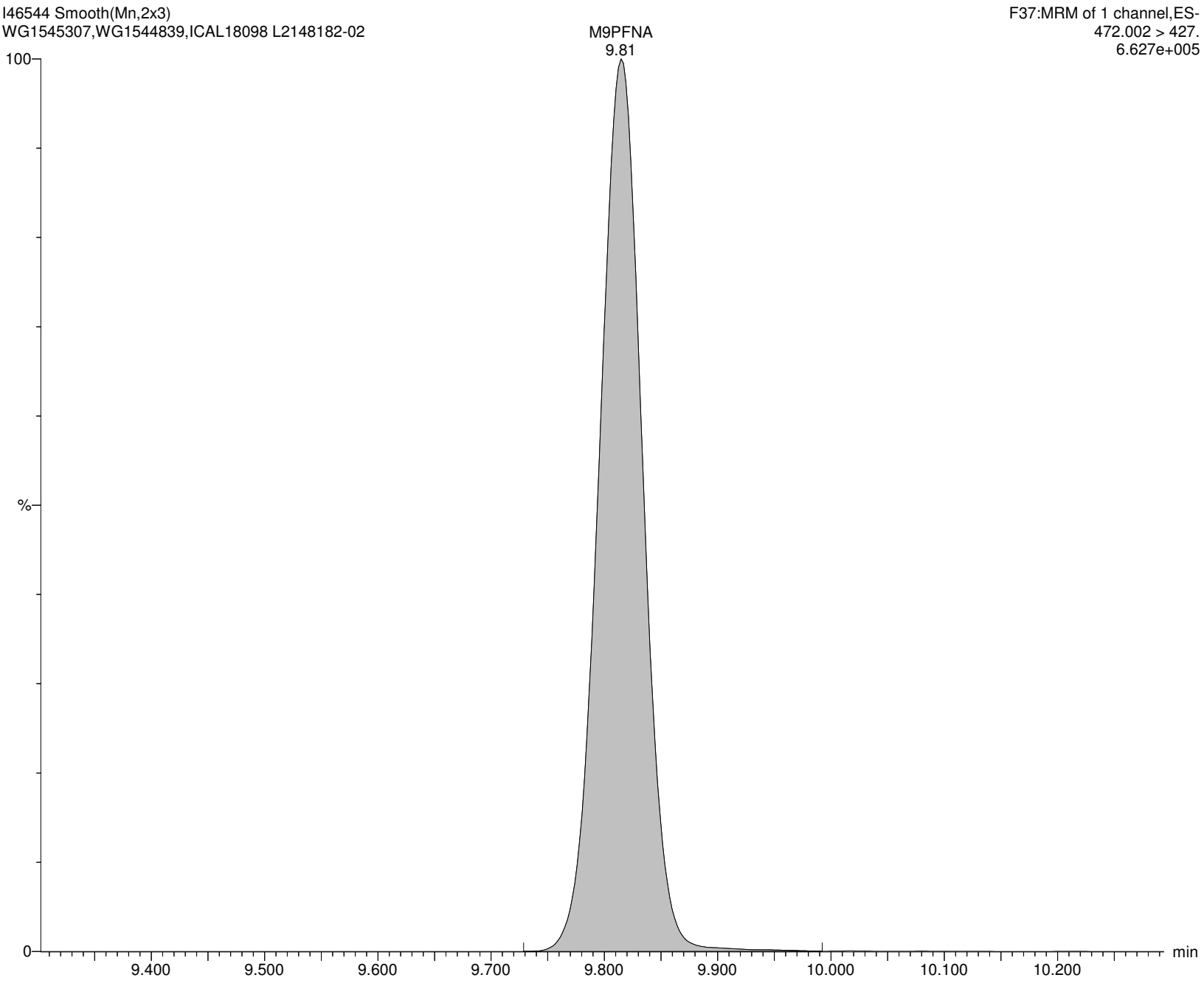


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:00 Eastern Daylight Time

Name: I46544
ID: L2148182-02
Date: 11-Sep-2021
Time: 18:05:06
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M9PFNA

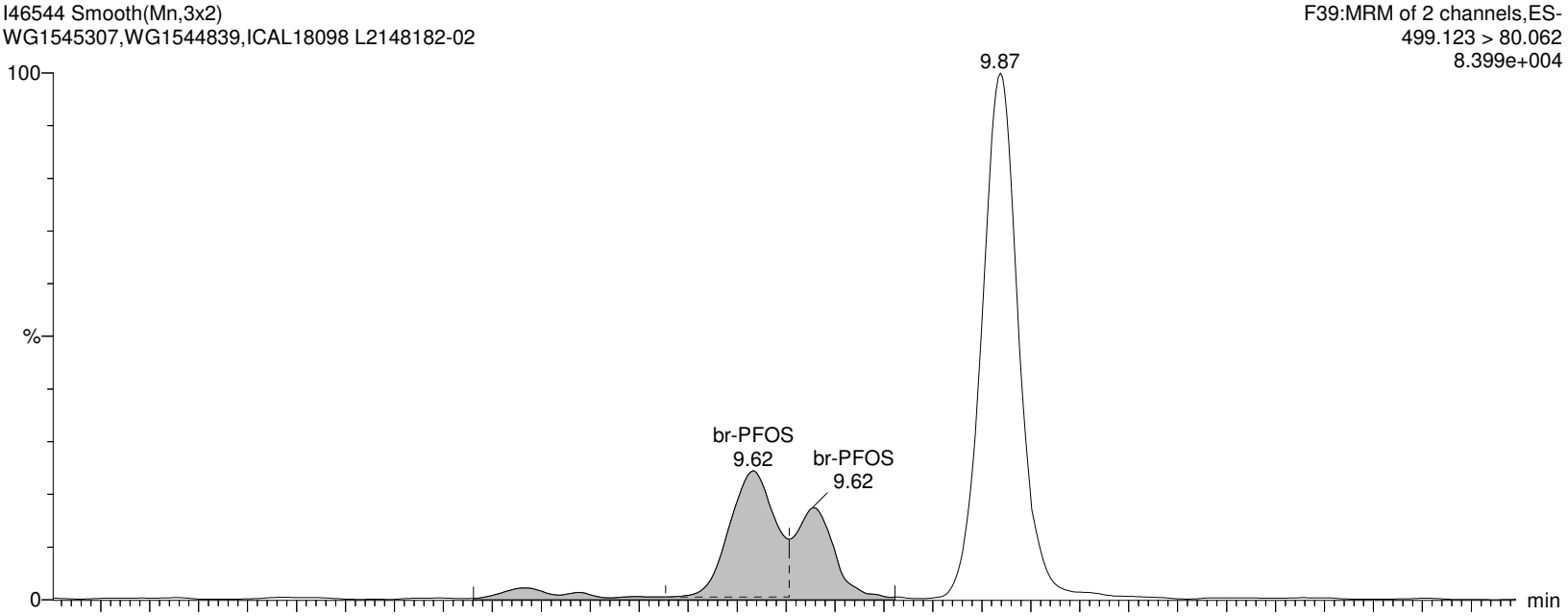


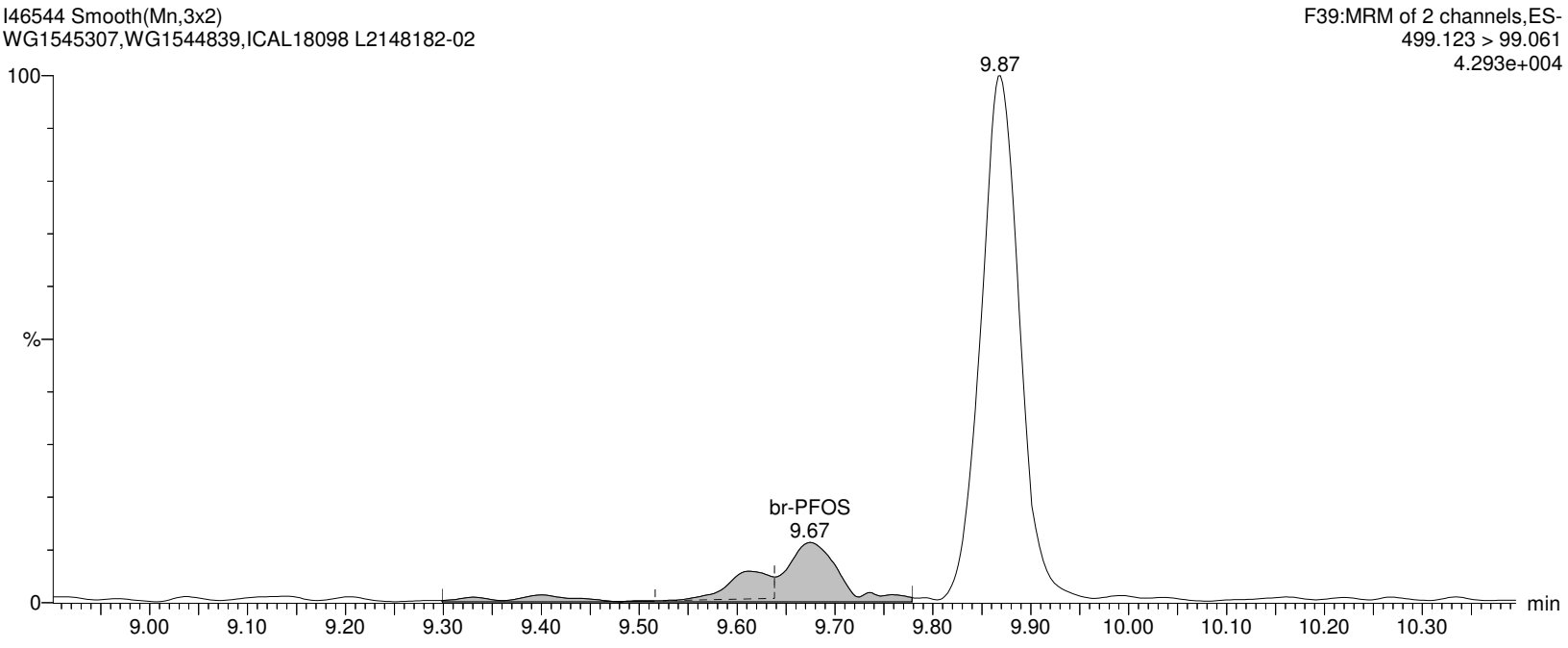
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:00 Eastern Daylight Time

Name: I46544
ID: L2148182-02
Date: 11-Sep-2021
Time: 18:05:06
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOS



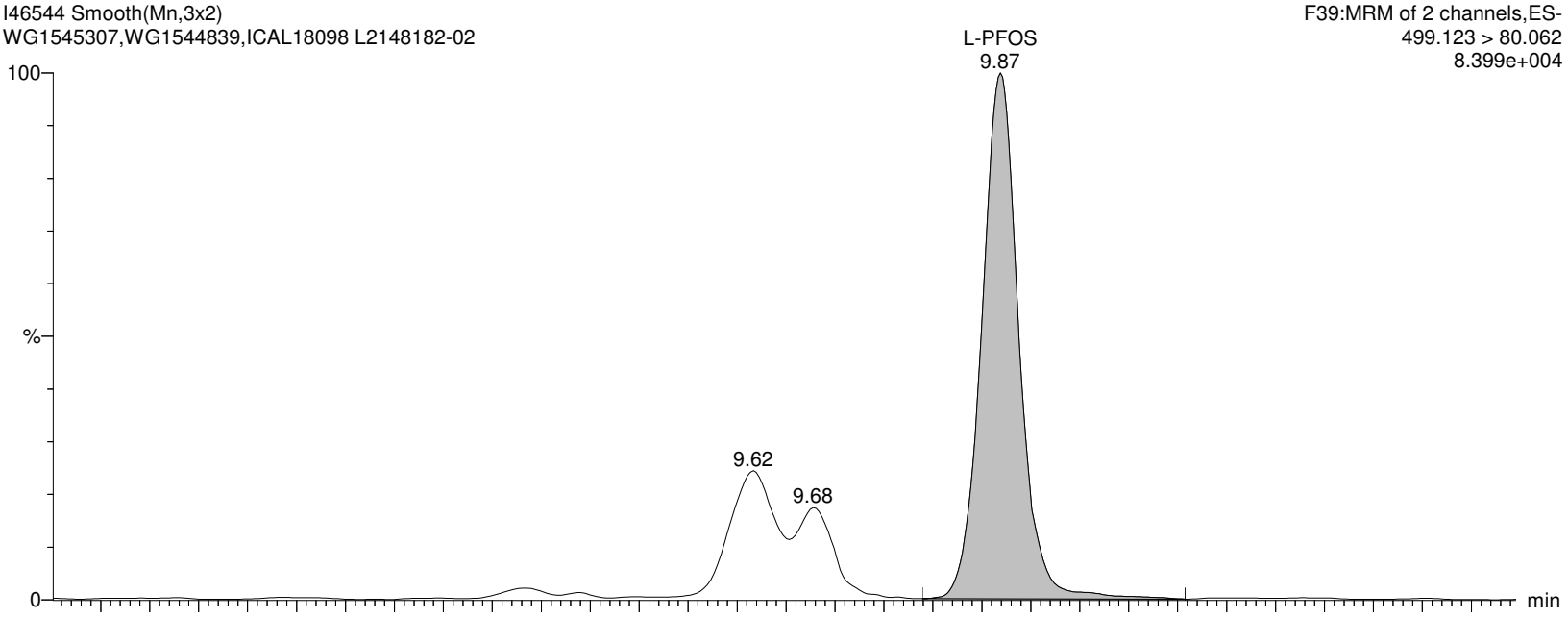


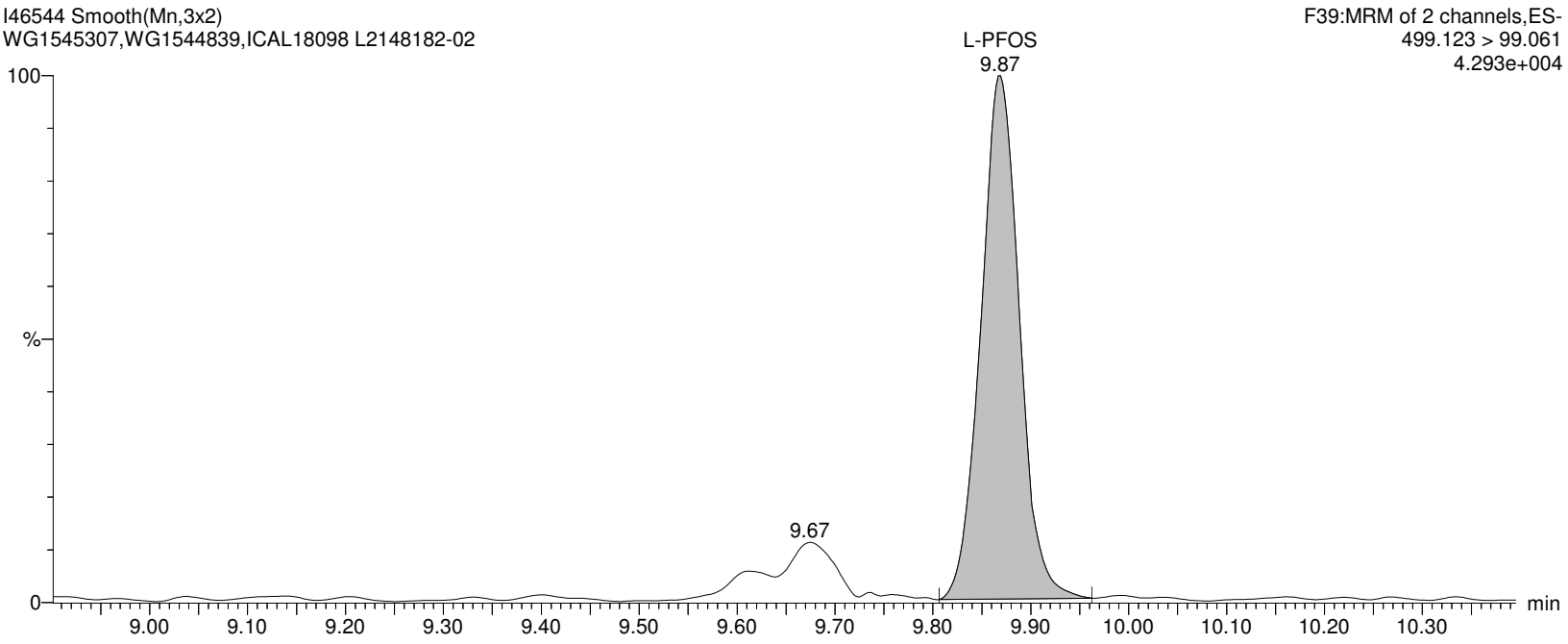
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:00 Eastern Daylight Time

Name: I46544
ID: L2148182-02
Date: 11-Sep-2021
Time: 18:05:06
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOS



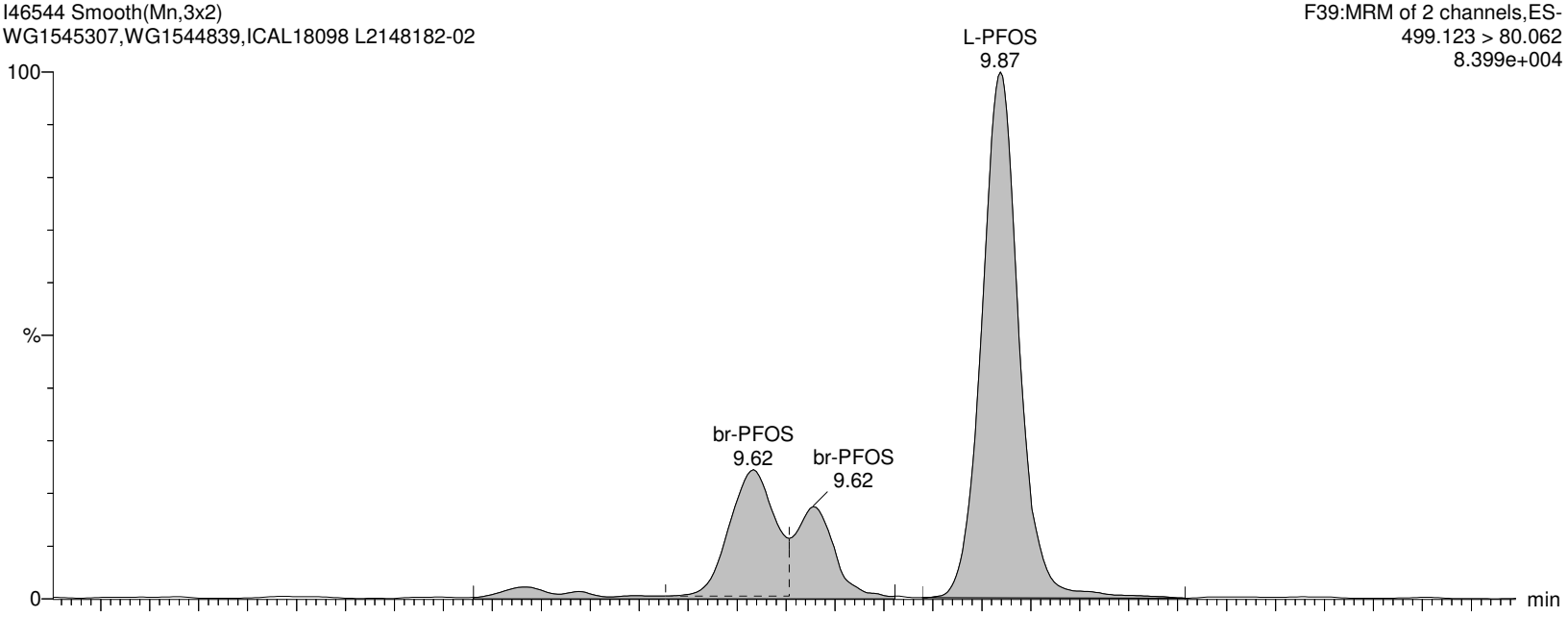


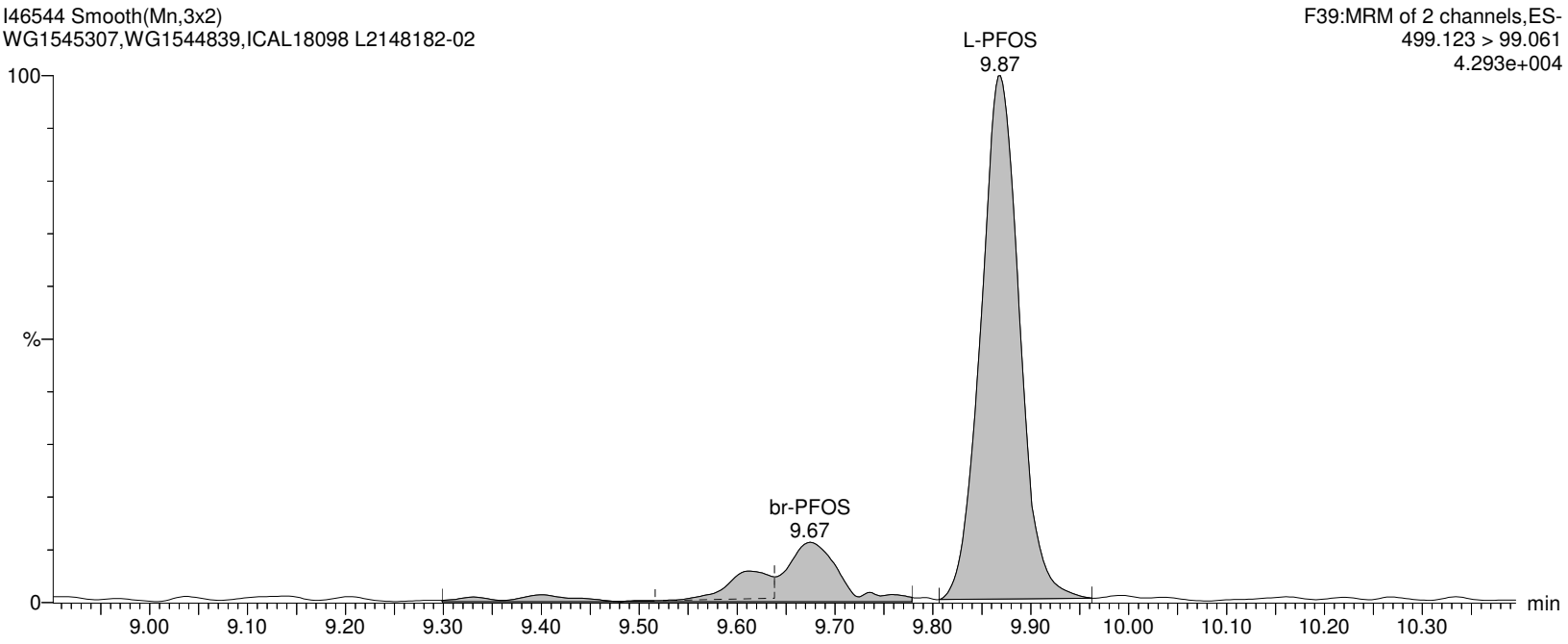
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:00 Eastern Daylight Time

Name: I46544
ID: L2148182-02
Date: 11-Sep-2021
Time: 18:05:06
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOS



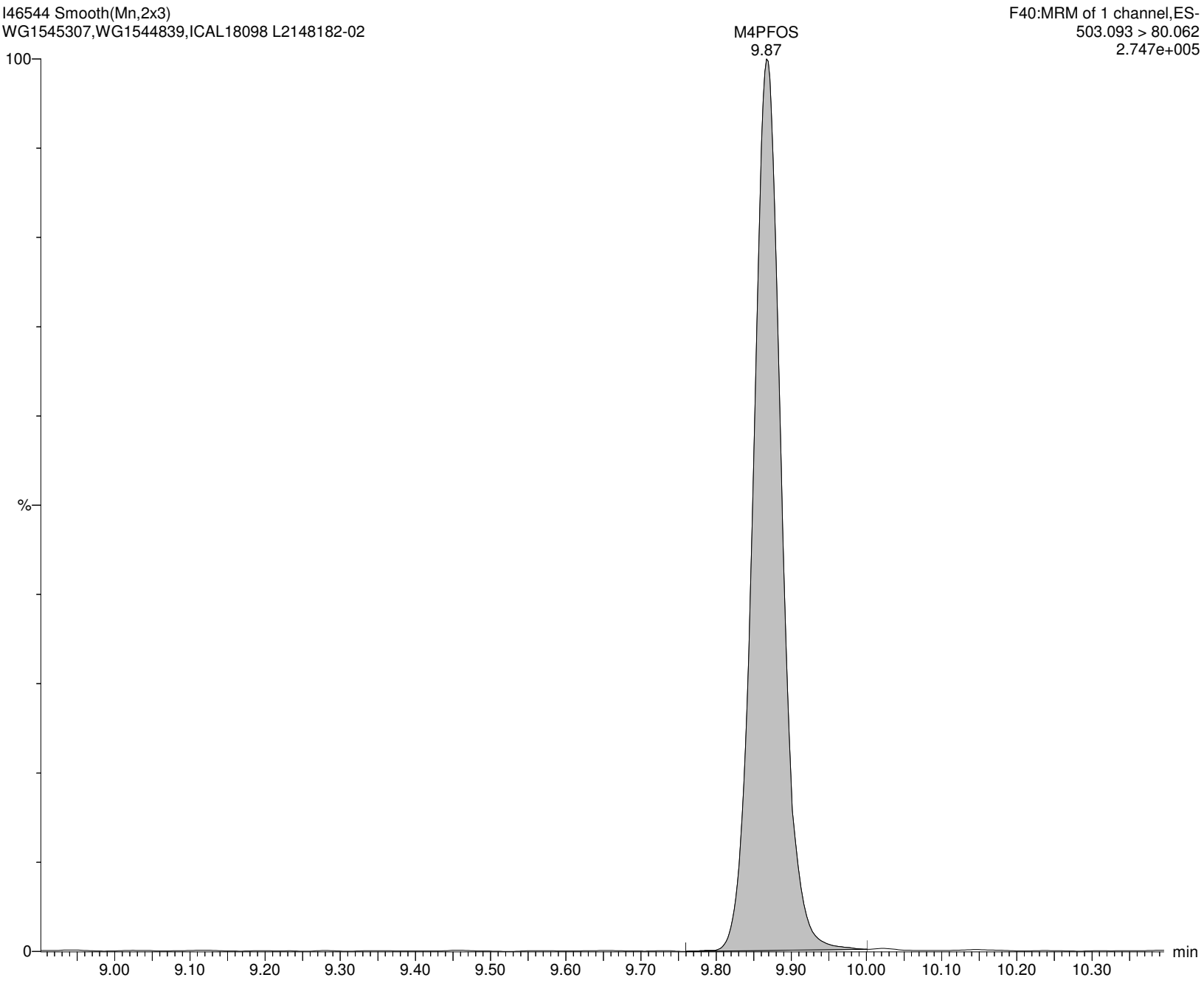


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:00 Eastern Daylight Time

Name: I46544
ID: L2148182-02
Date: 11-Sep-2021
Time: 18:05:06
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOS

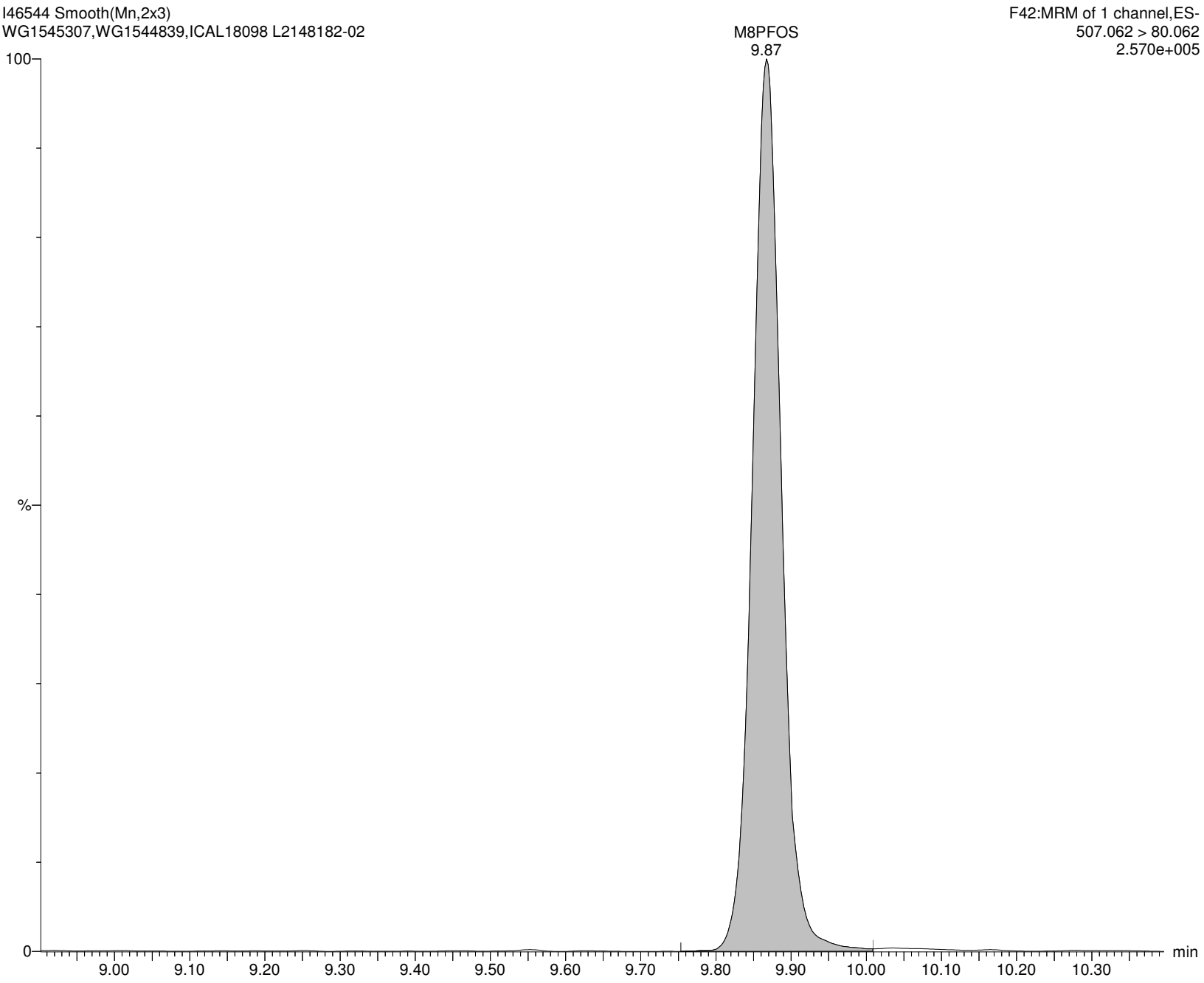


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:00 Eastern Daylight Time

Name: I46544
ID: L2148182-02
Date: 11-Sep-2021
Time: 18:05:06
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOS

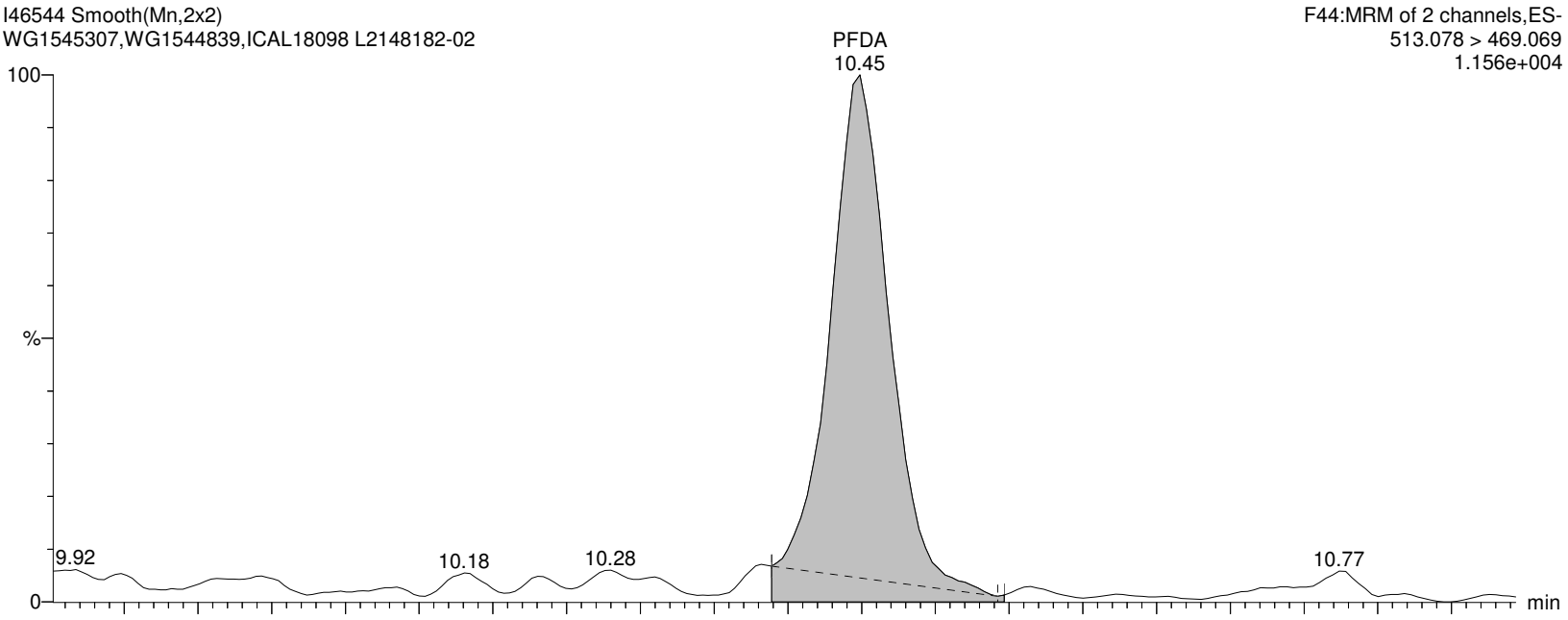


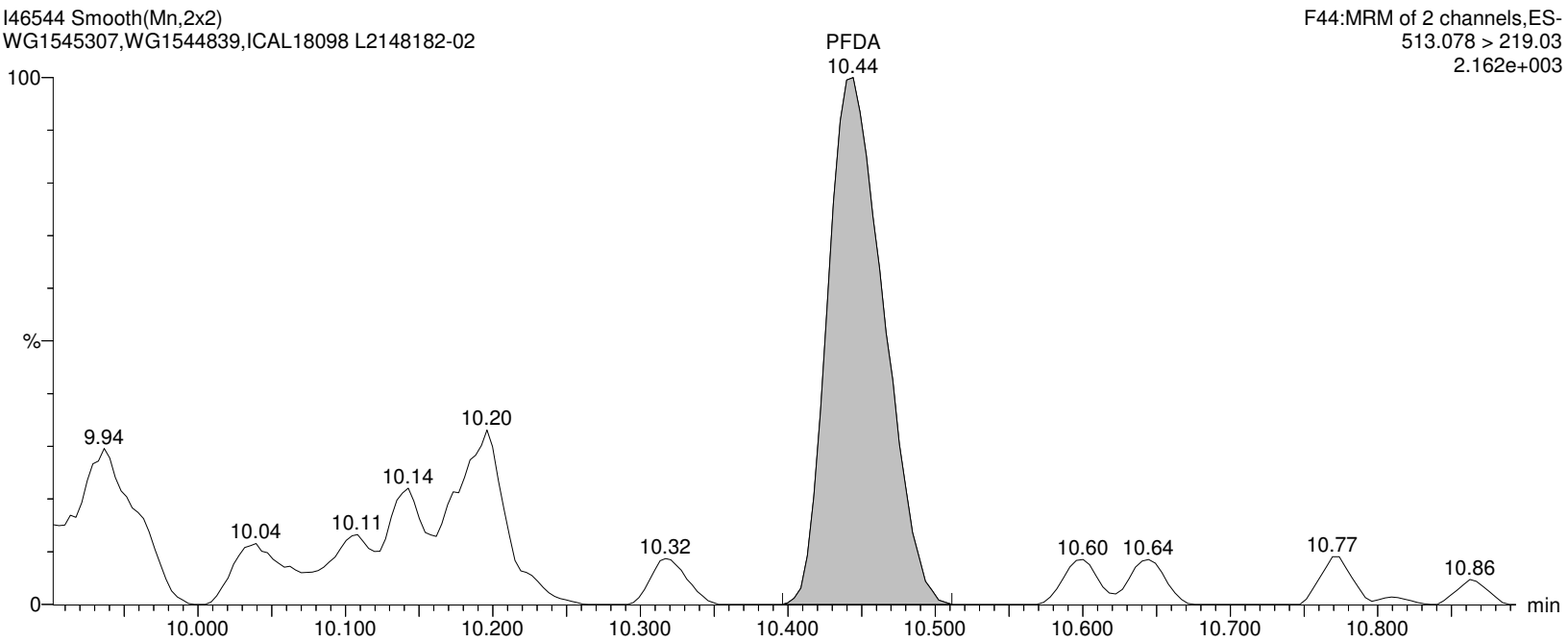
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:00 Eastern Daylight Time

Name: I46544
ID: L2148182-02
Date: 11-Sep-2021
Time: 18:05:06
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDA



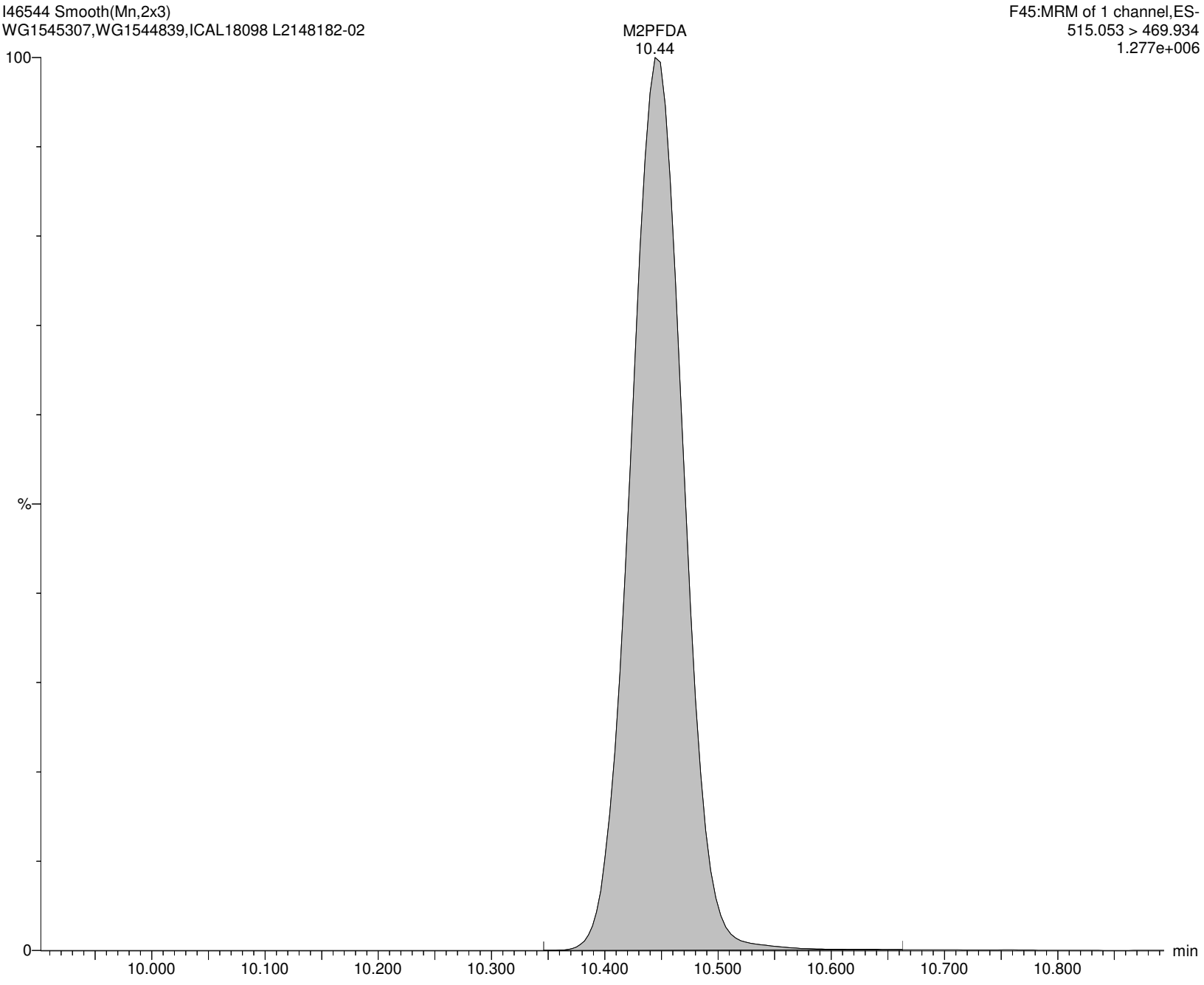


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:00 Eastern Daylight Time

Name: I46544
ID: L2148182-02
Date: 11-Sep-2021
Time: 18:05:06
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFDA

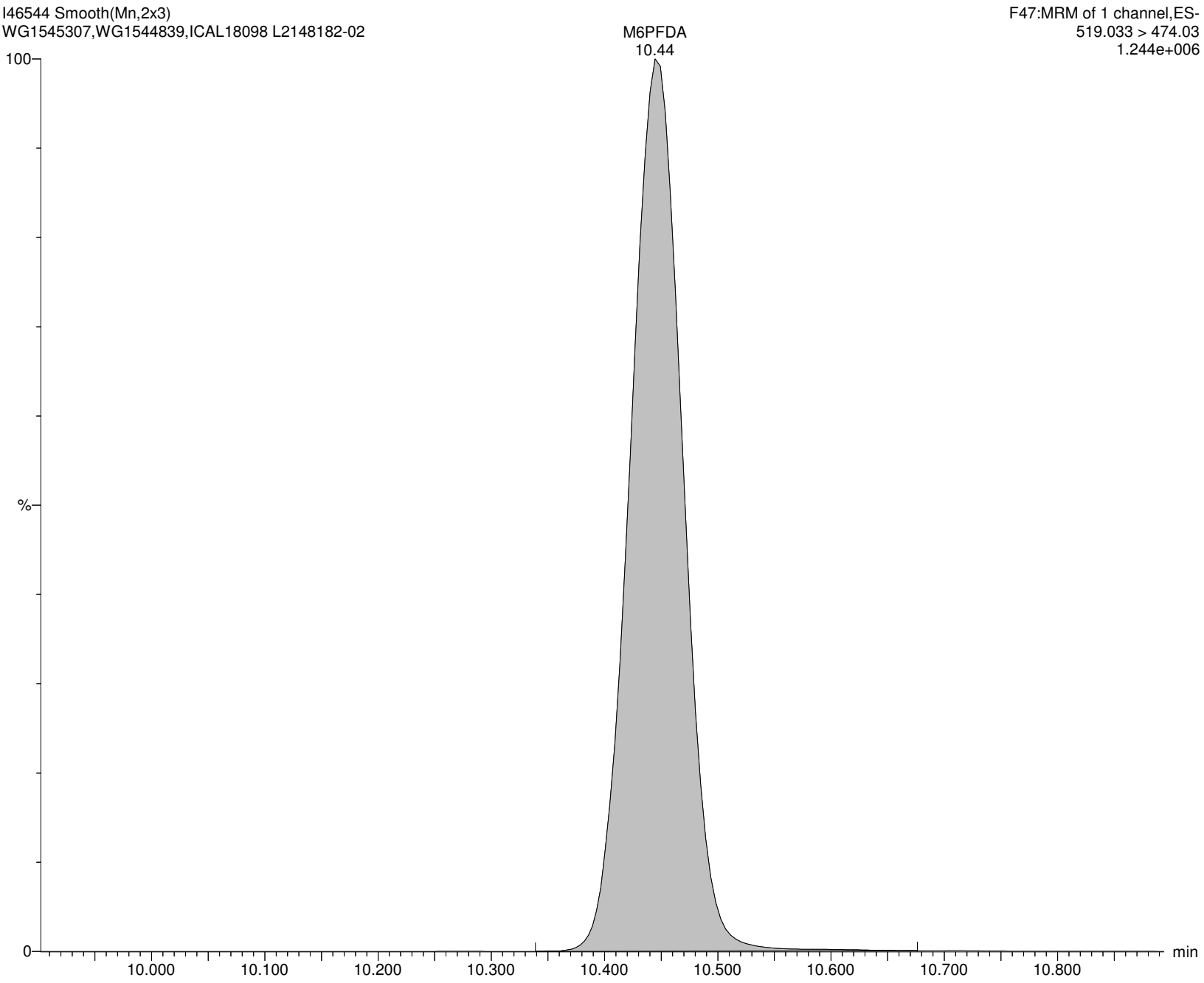


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:00 Eastern Daylight Time

Name: I46544
ID: L2148182-02
Date: 11-Sep-2021
Time: 18:05:06
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M6PFDA

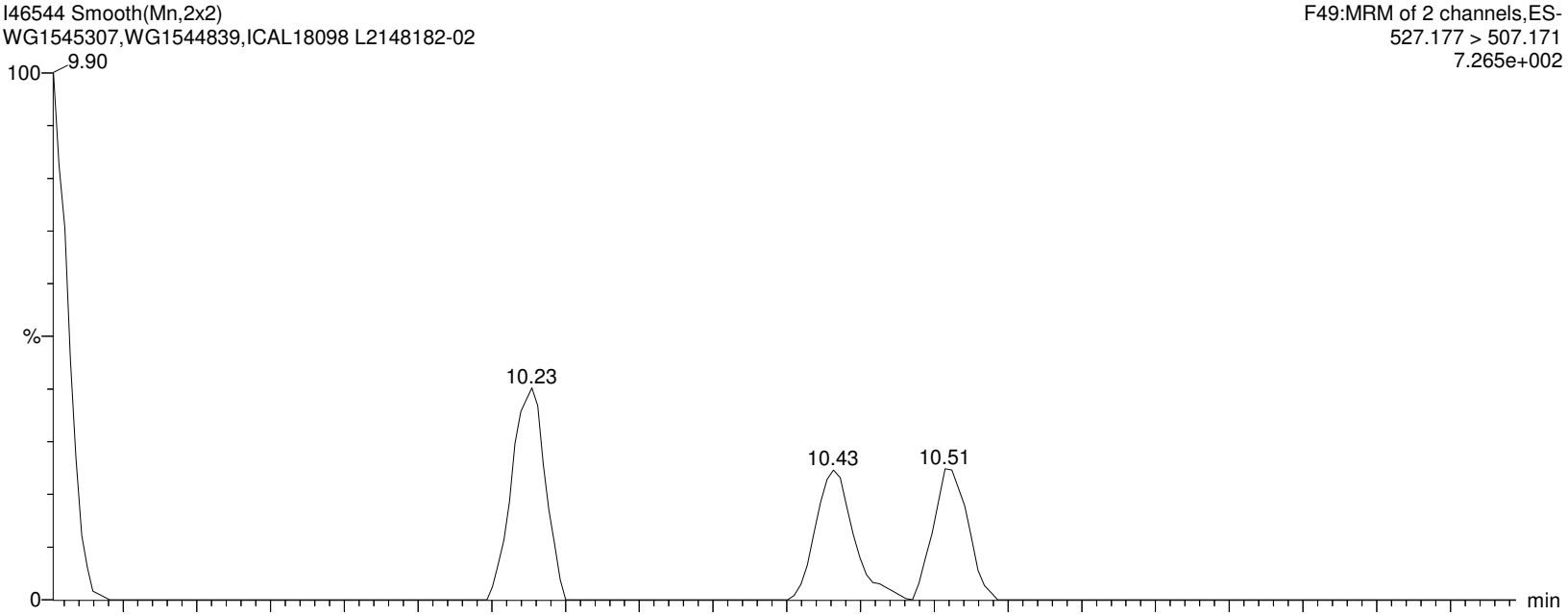


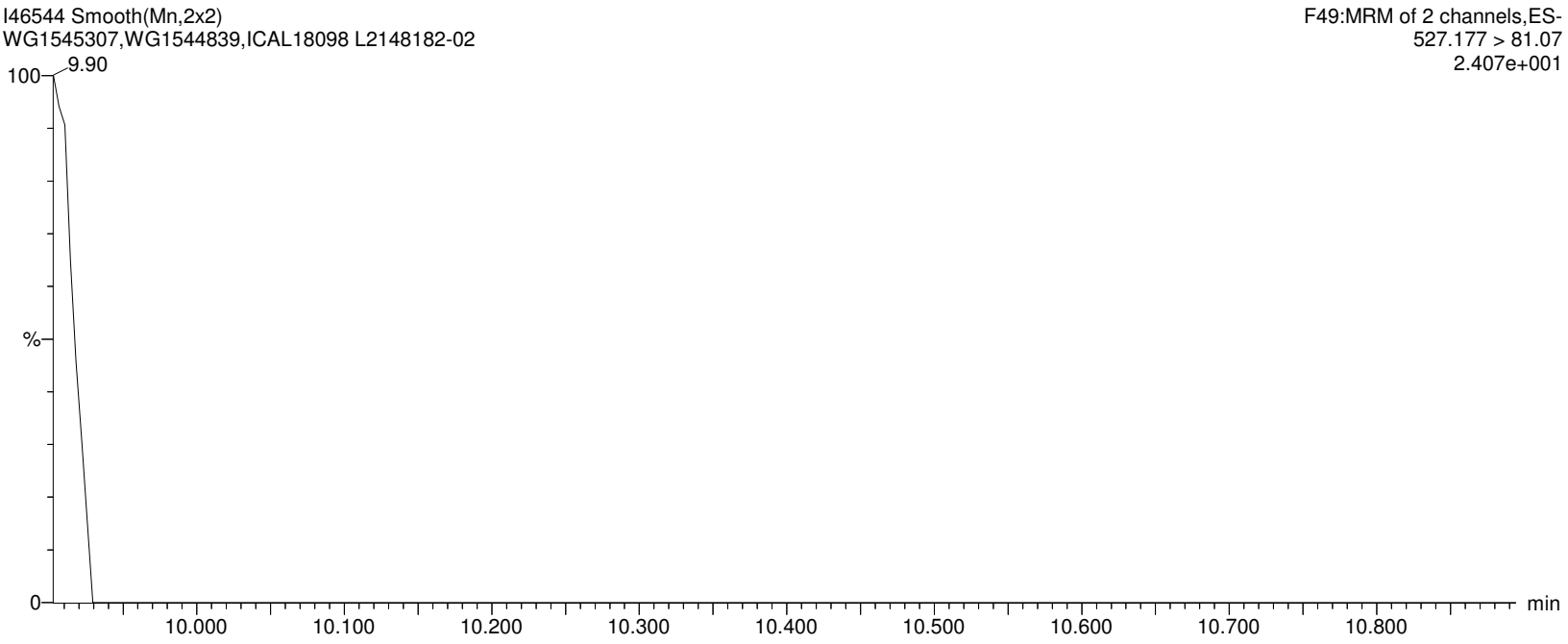
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:00 Eastern Daylight Time

Name: I46544
ID: L2148182-02
Date: 11-Sep-2021
Time: 18:05:06
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

8:2FTS



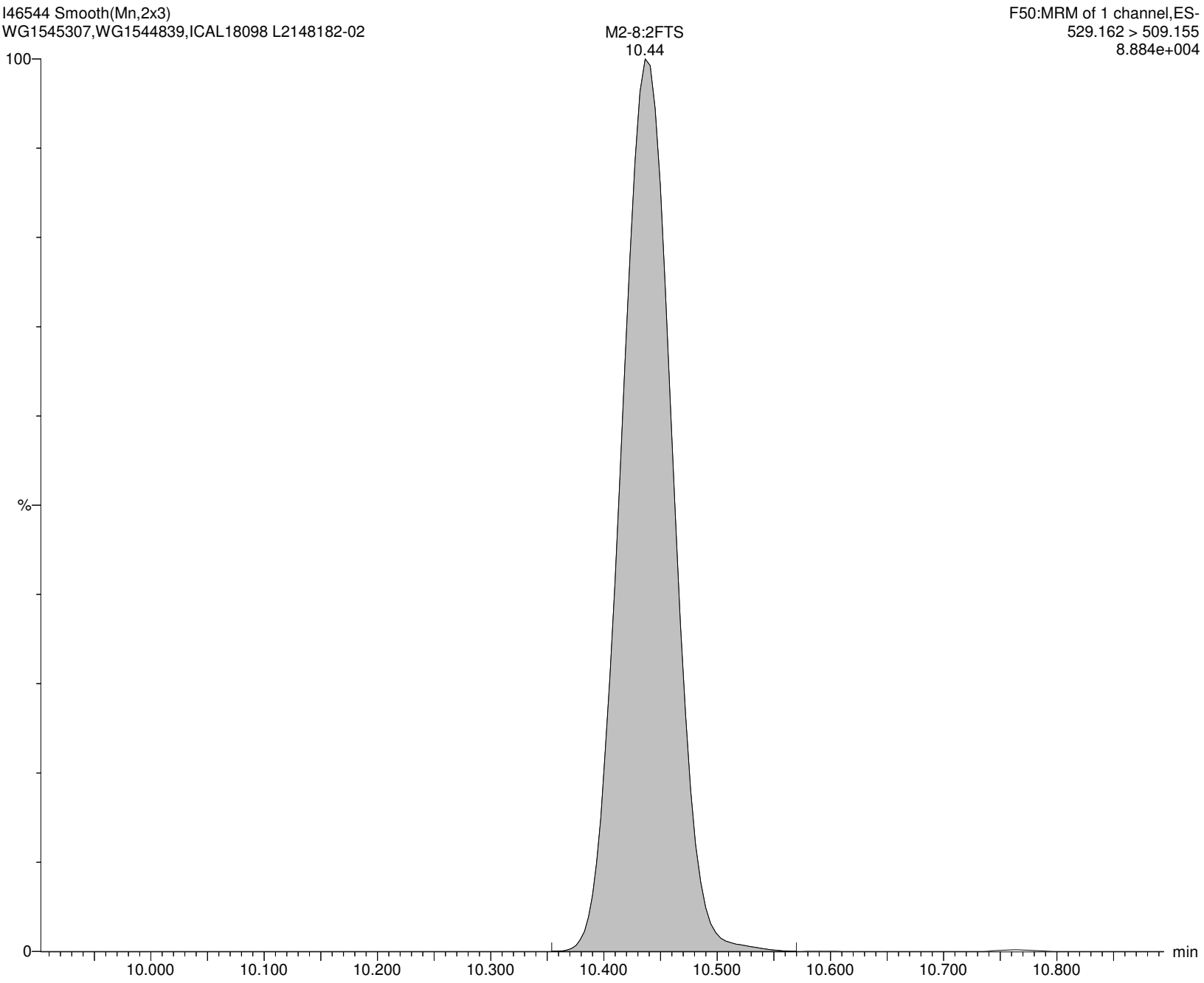


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:00 Eastern Daylight Time

Name: I46544
ID: L2148182-02
Date: 11-Sep-2021
Time: 18:05:06
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-8:2FTS

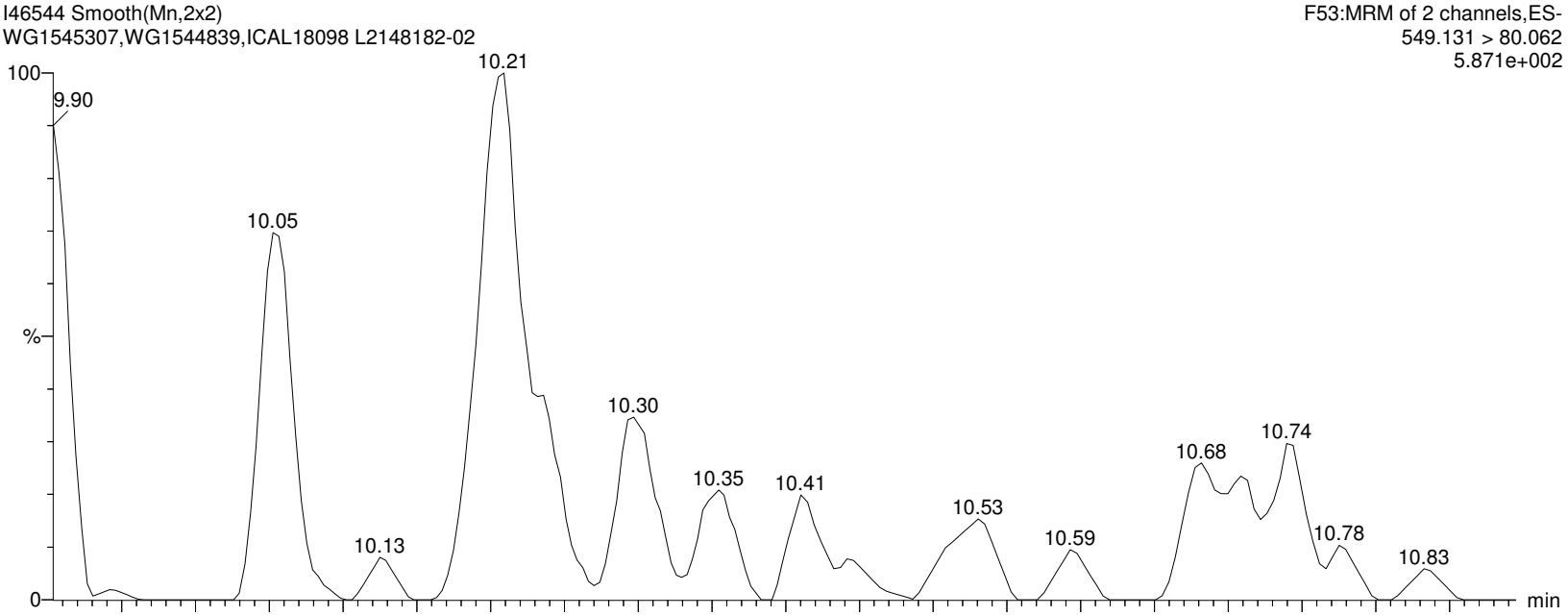


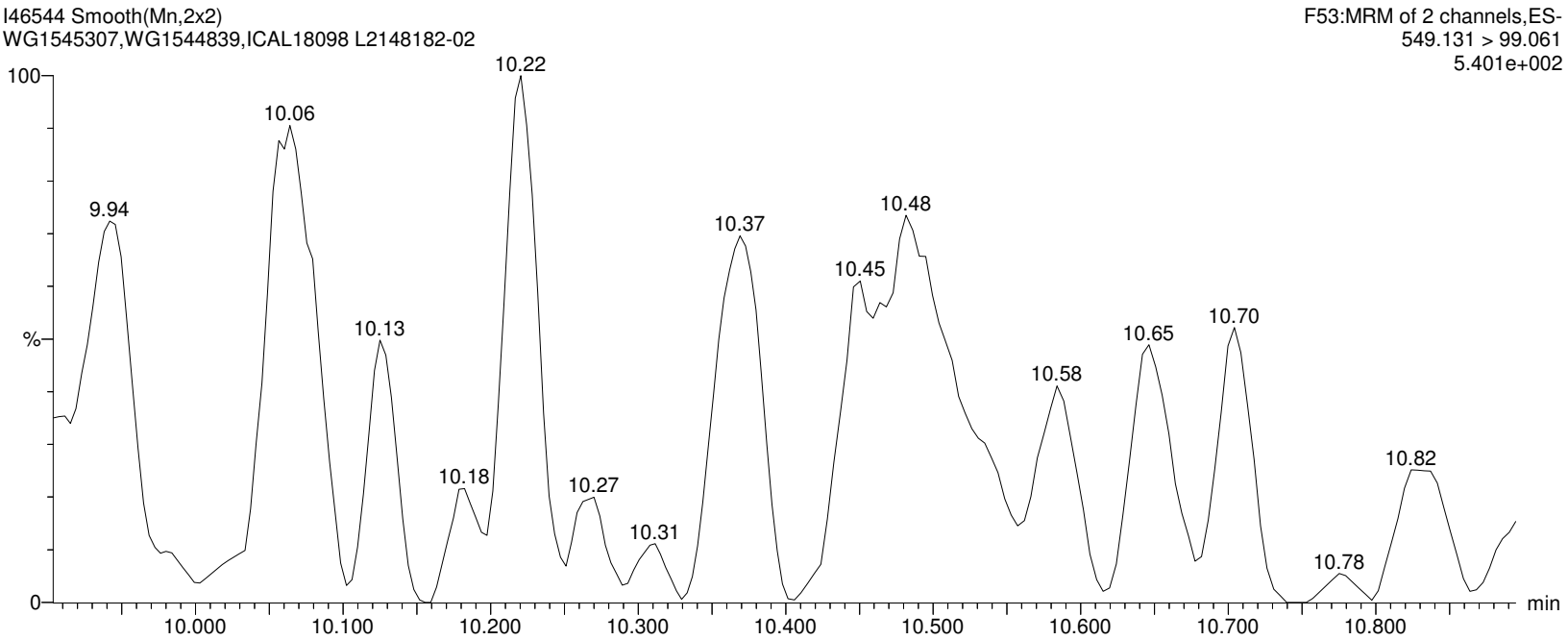
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:00 Eastern Daylight Time

Name: I46544
ID: L2148182-02
Date: 11-Sep-2021
Time: 18:05:06
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNS



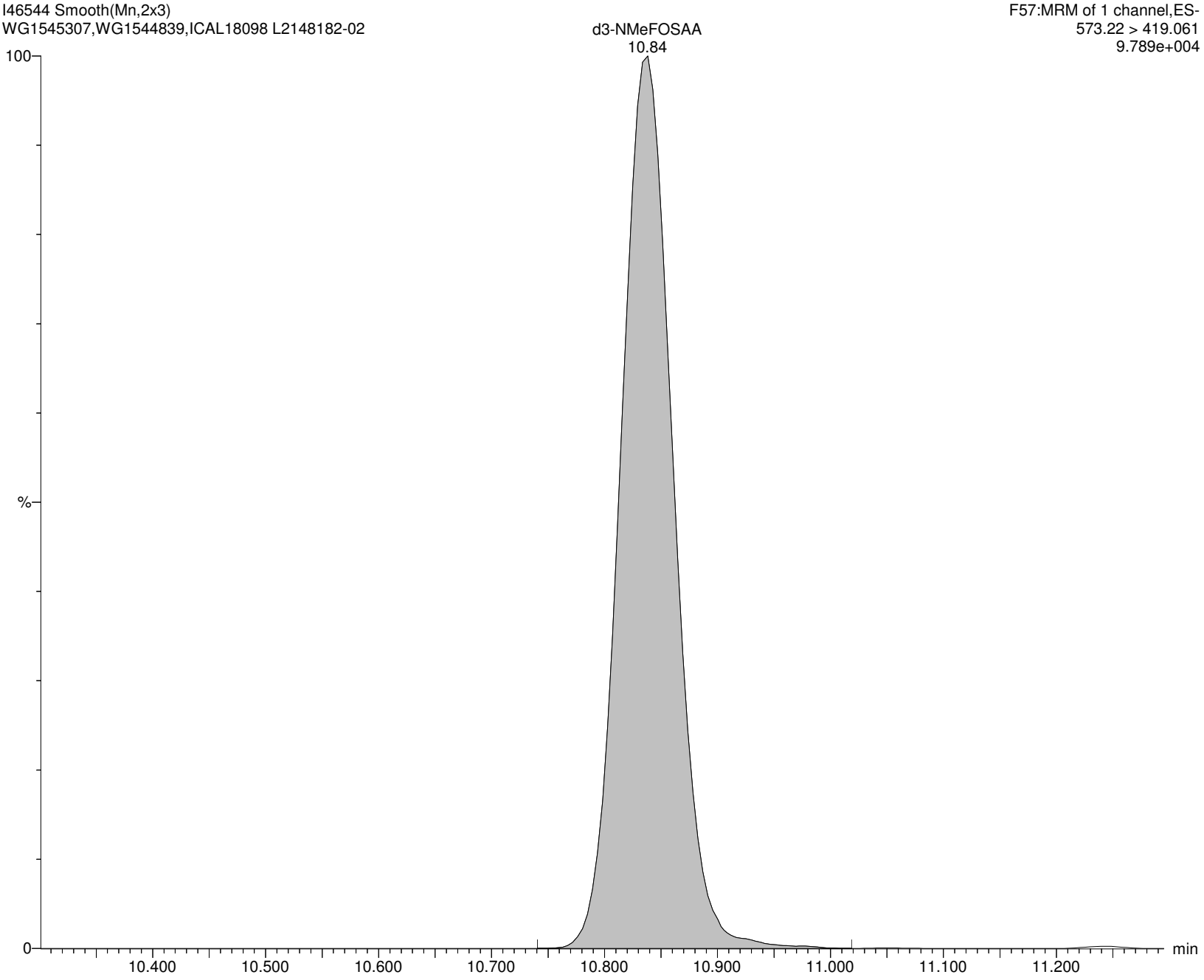


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:00 Eastern Daylight Time

Name: I46544
ID: L2148182-02
Date: 11-Sep-2021
Time: 18:05:06
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSAA

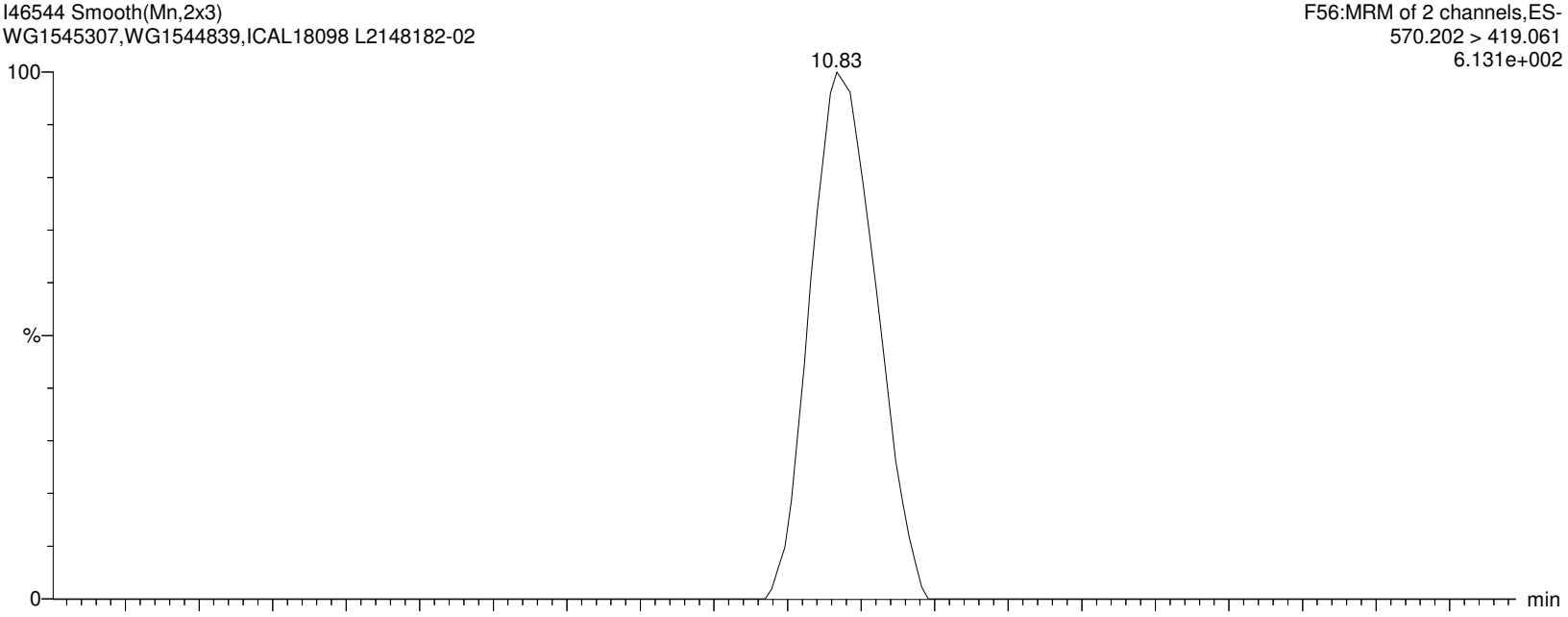


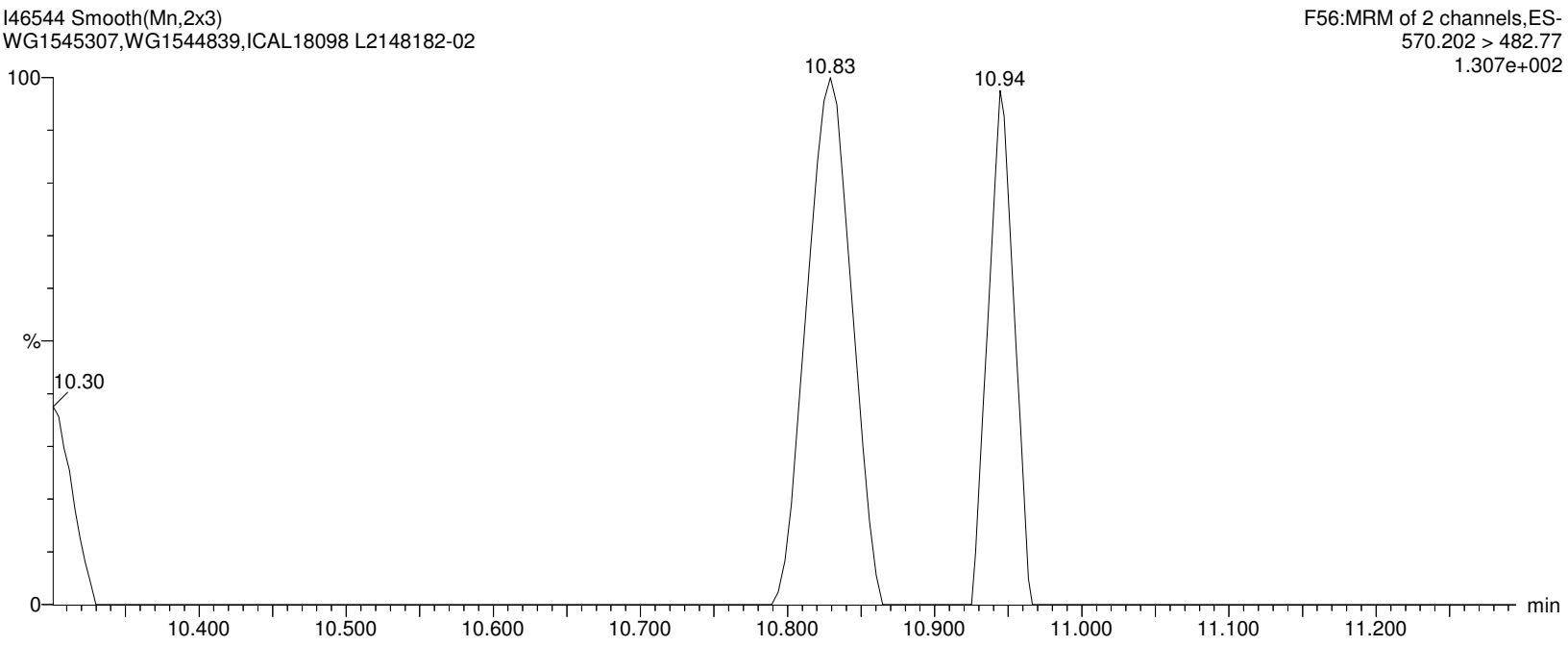
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:00 Eastern Daylight Time

Name: I46544
ID: L2148182-02
Date: 11-Sep-2021
Time: 18:05:06
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NMeFOSAA



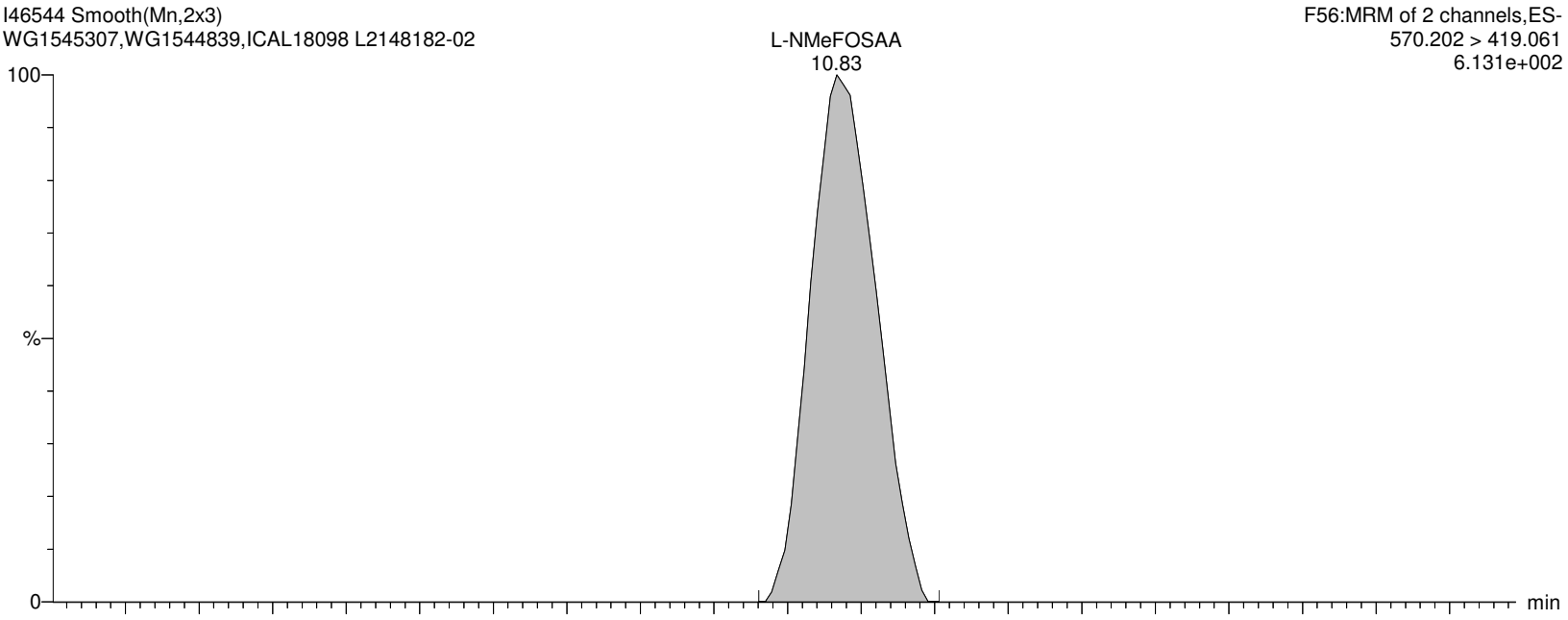


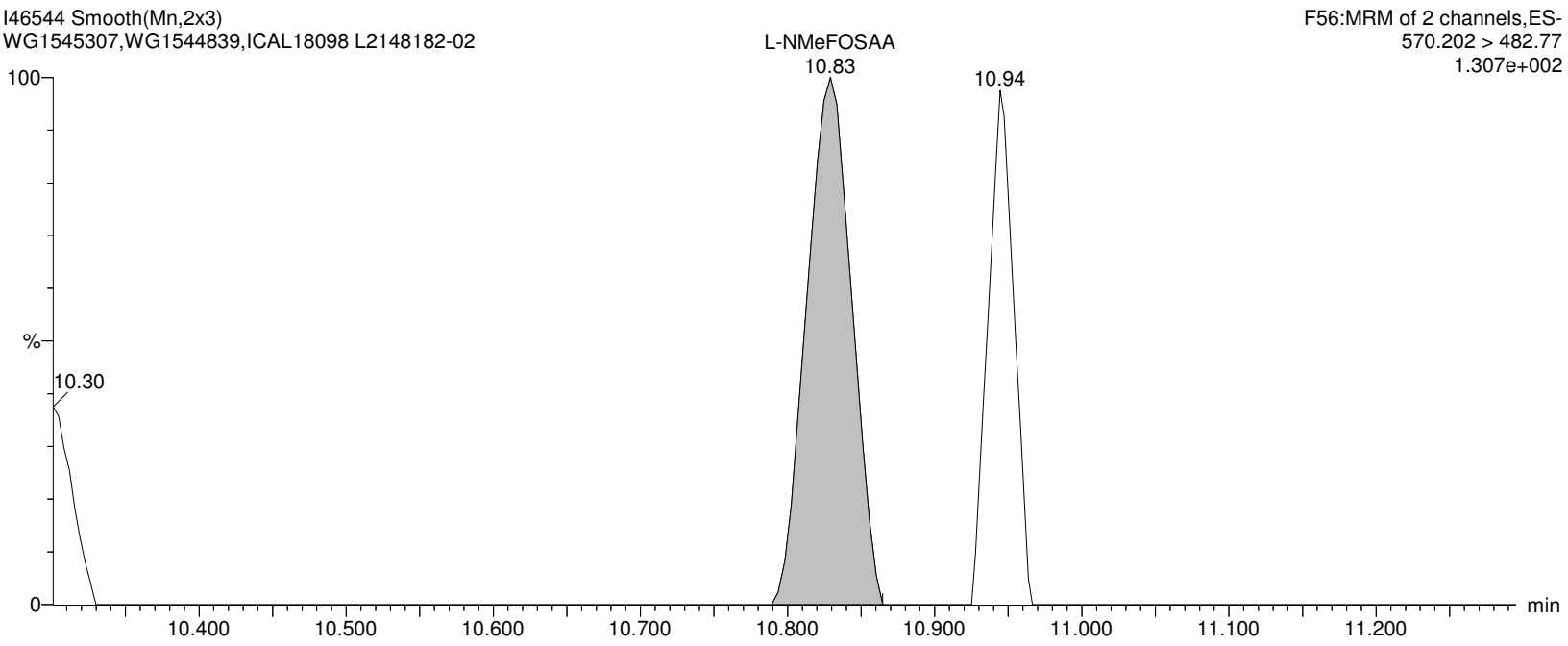
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:00 Eastern Daylight Time

Name: I46544
ID: L2148182-02
Date: 11-Sep-2021
Time: 18:05:06
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NMeFOSAA



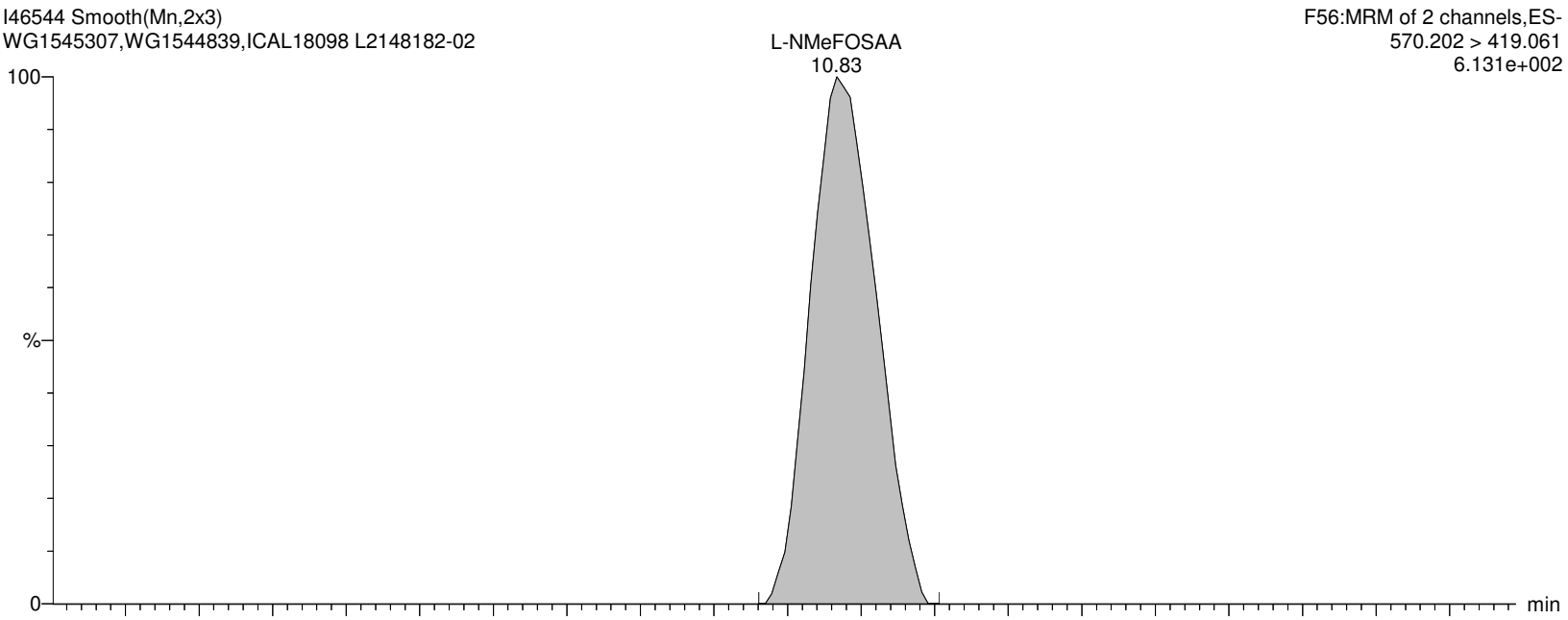


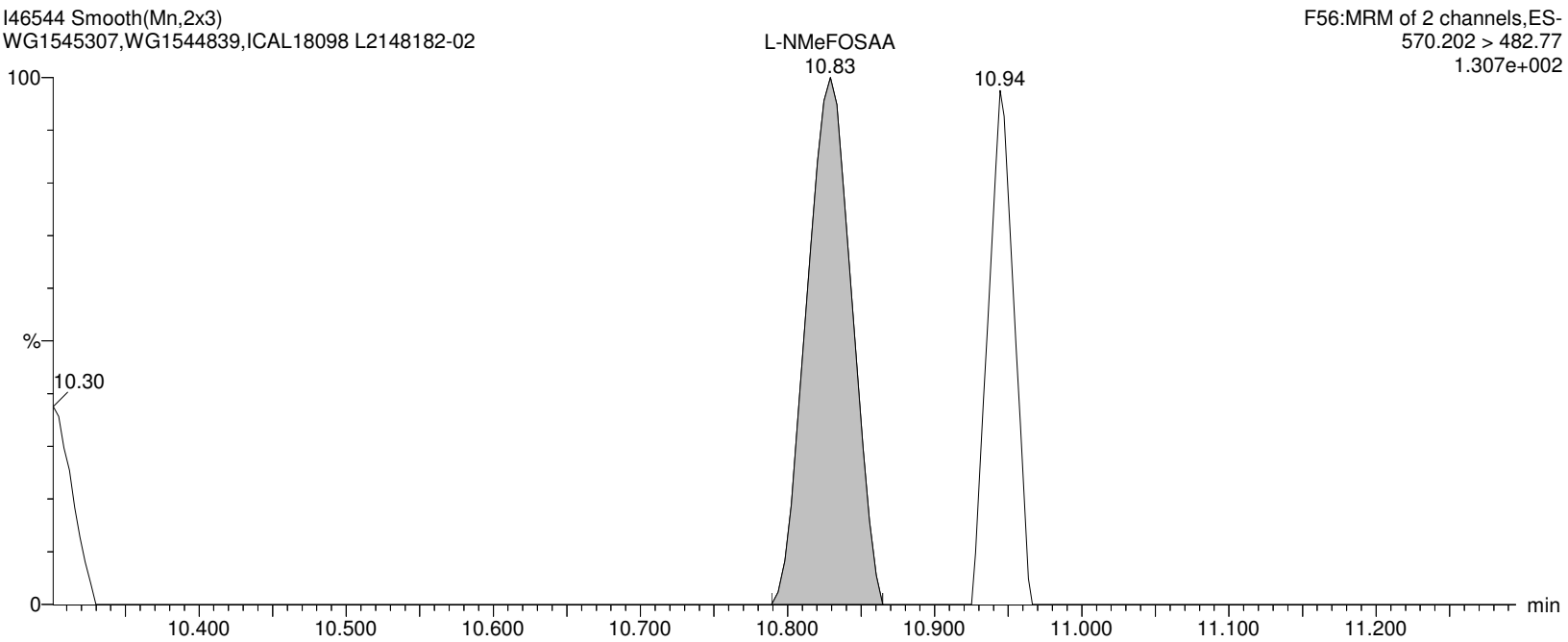
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:00 Eastern Daylight Time

Name: I46544
ID: L2148182-02
Date: 11-Sep-2021
Time: 18:05:06
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSAA



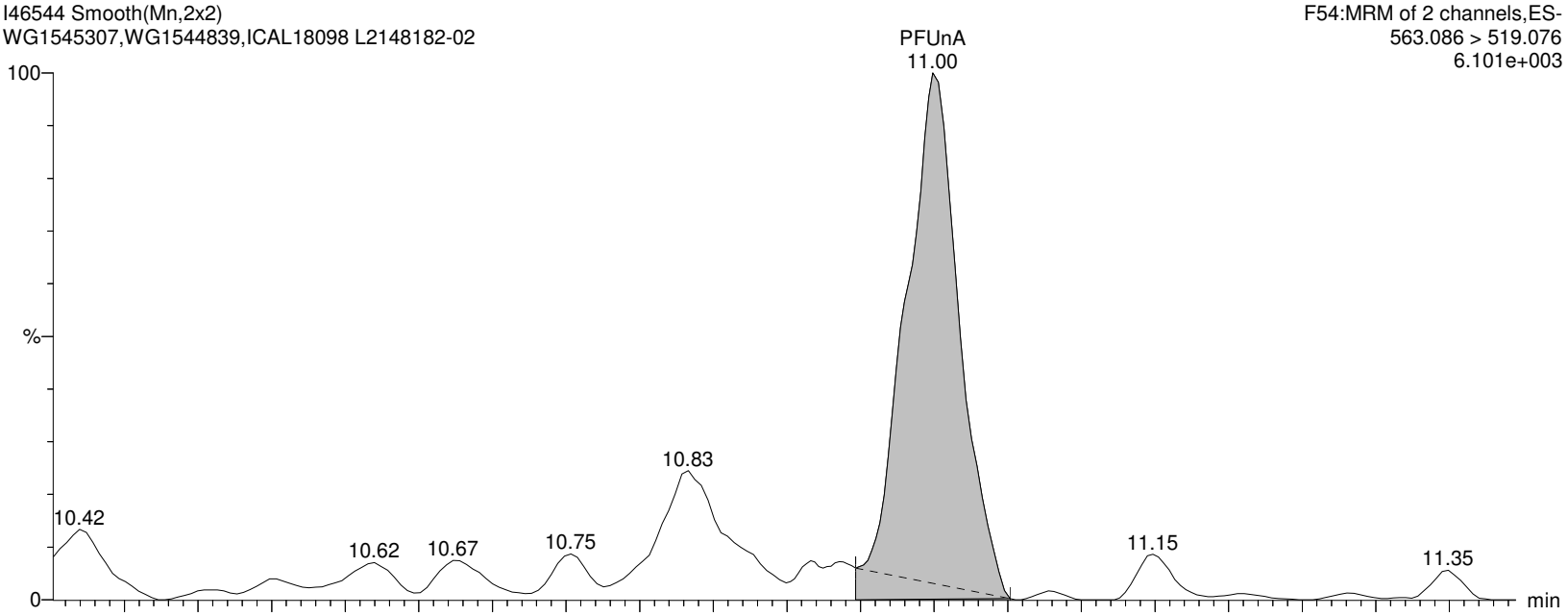


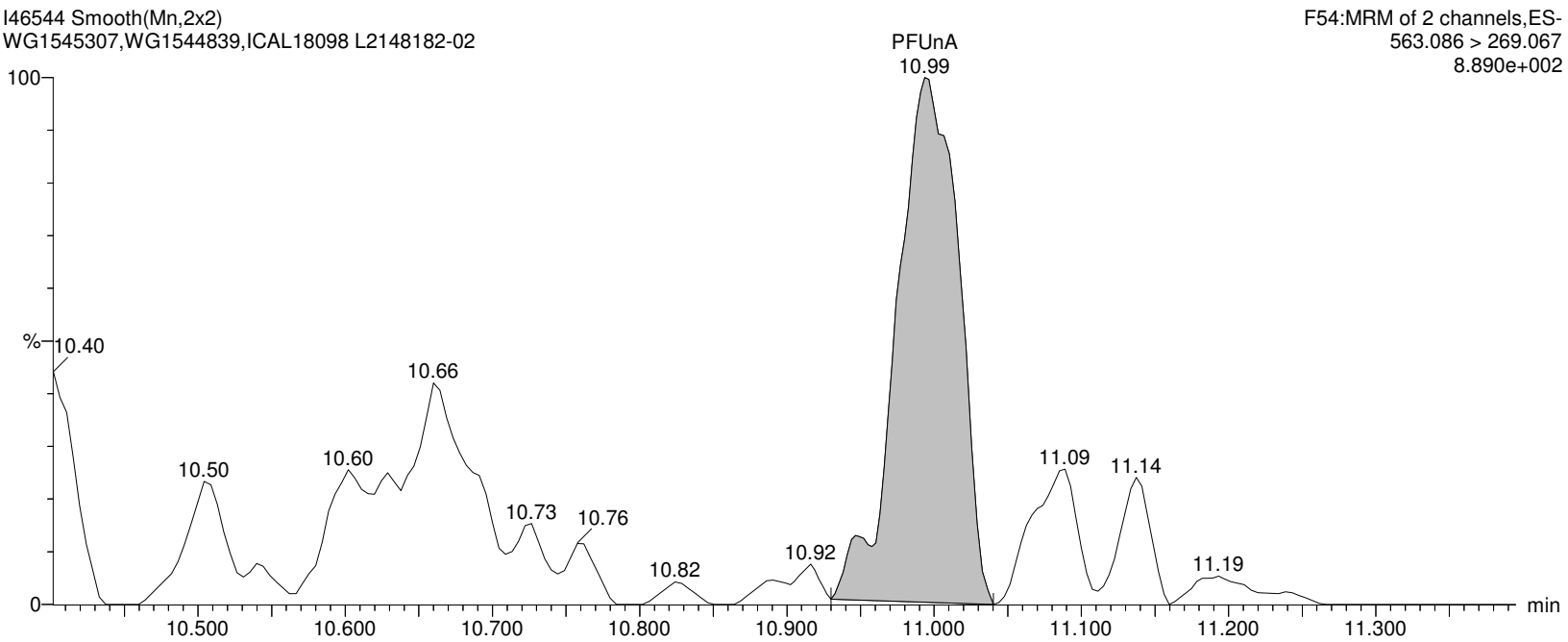
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:00 Eastern Daylight Time

Name: I46544
ID: L2148182-02
Date: 11-Sep-2021
Time: 18:05:06
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFUnA



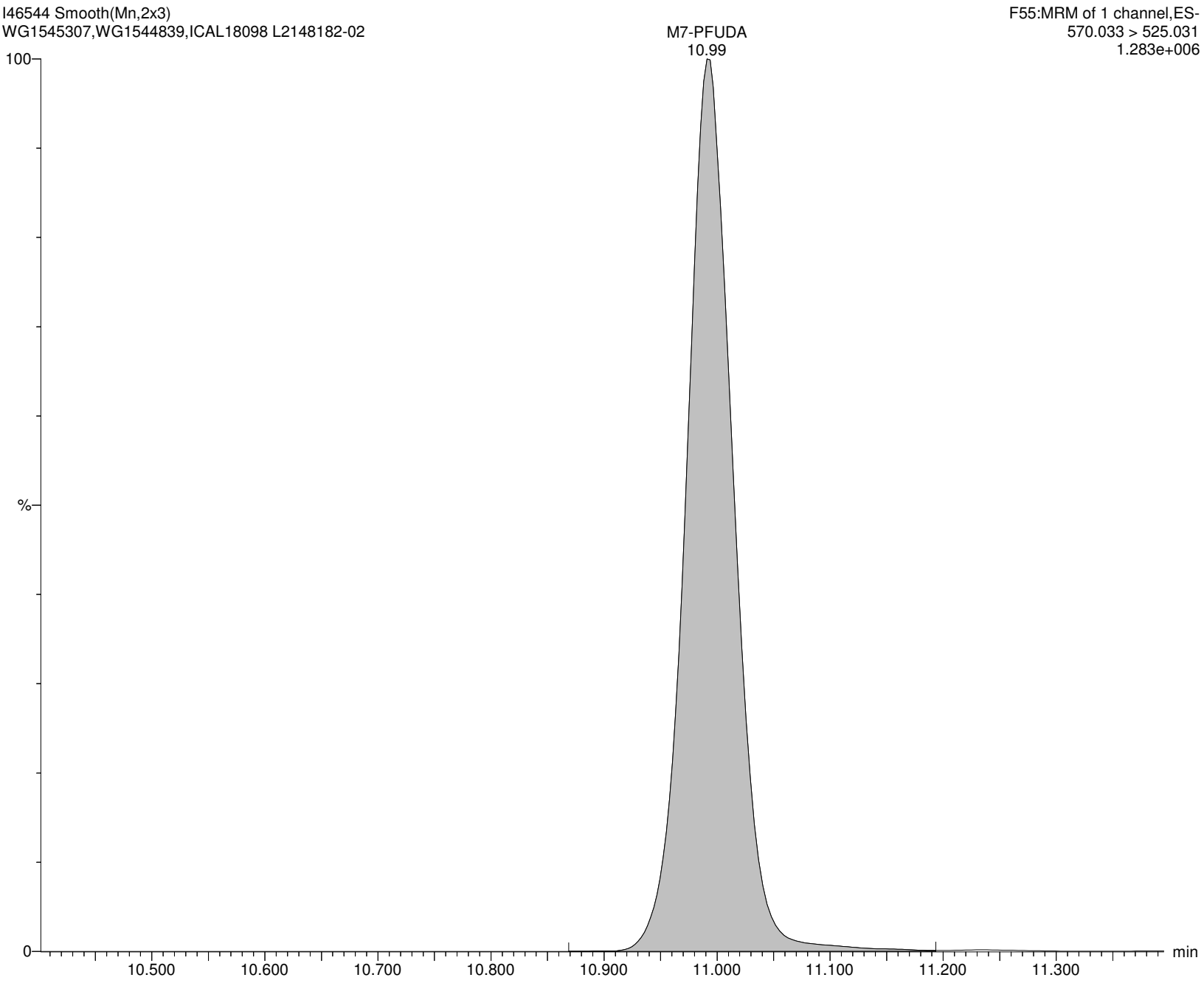


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:00 Eastern Daylight Time

Name: I46544
ID: L2148182-02
Date: 11-Sep-2021
Time: 18:05:06
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M7-PFUDA

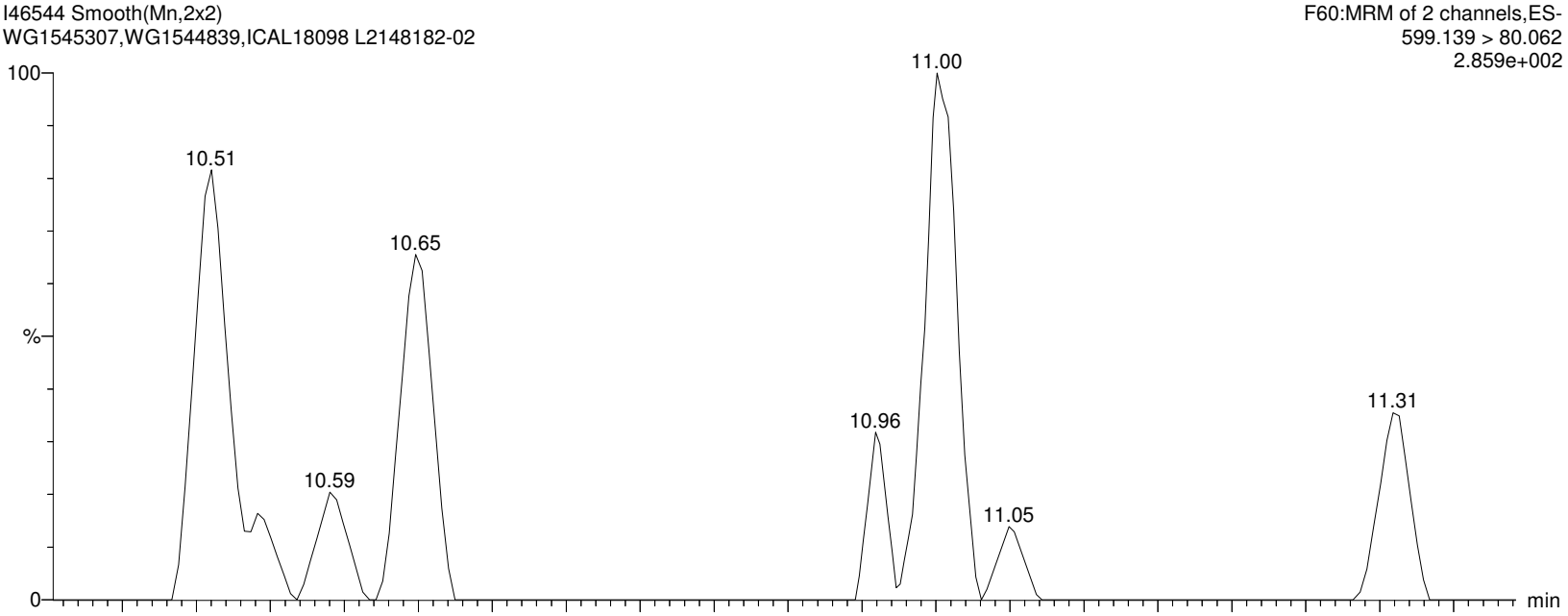


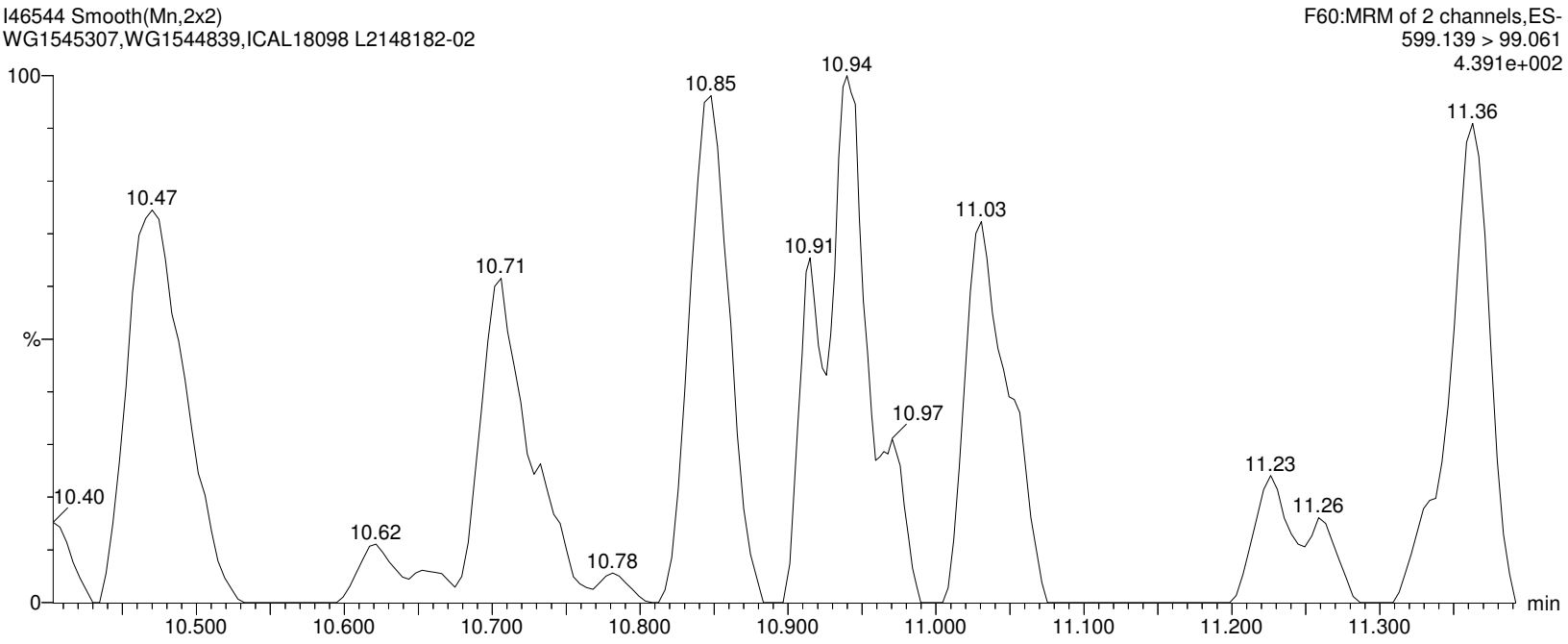
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:00 Eastern Daylight Time

Name: I46544
ID: L2148182-02
Date: 11-Sep-2021
Time: 18:05:06
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDS



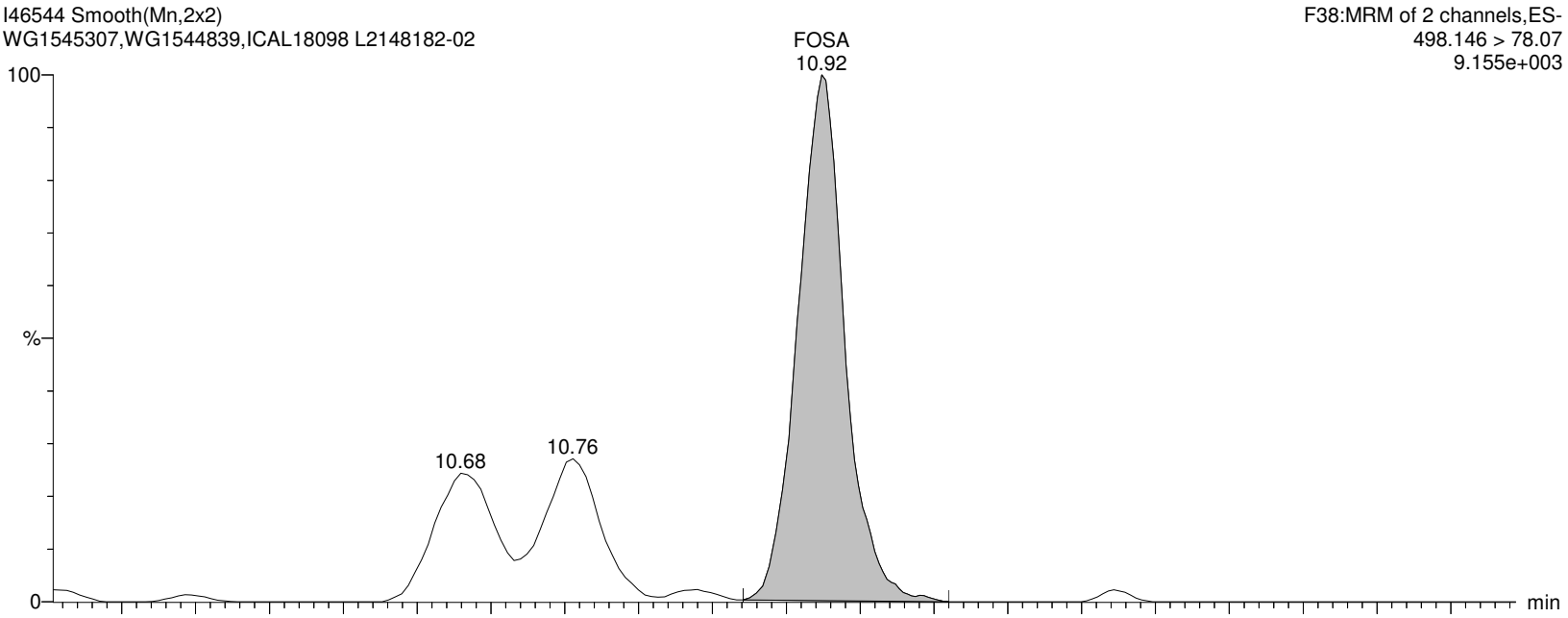


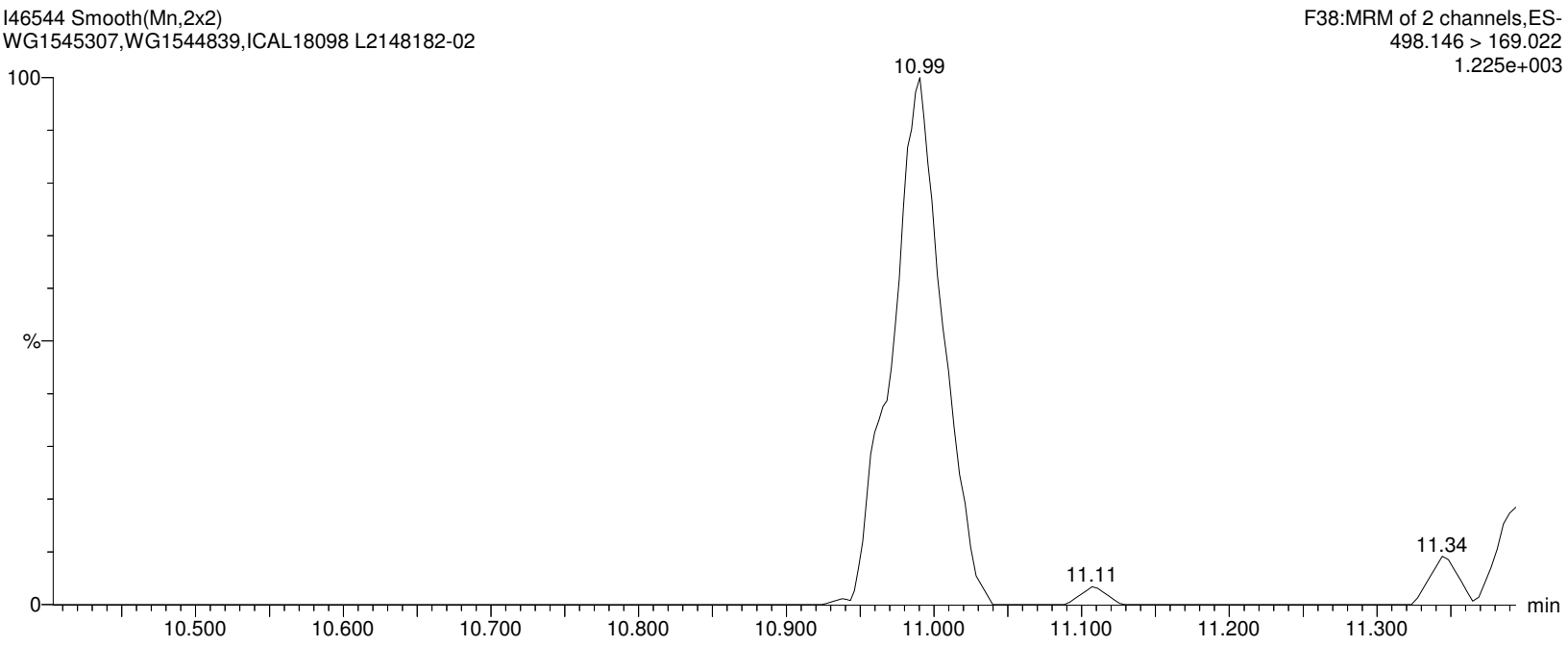
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:00 Eastern Daylight Time

Name: I46544
ID: L2148182-02
Date: 11-Sep-2021
Time: 18:05:06
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

FOSA



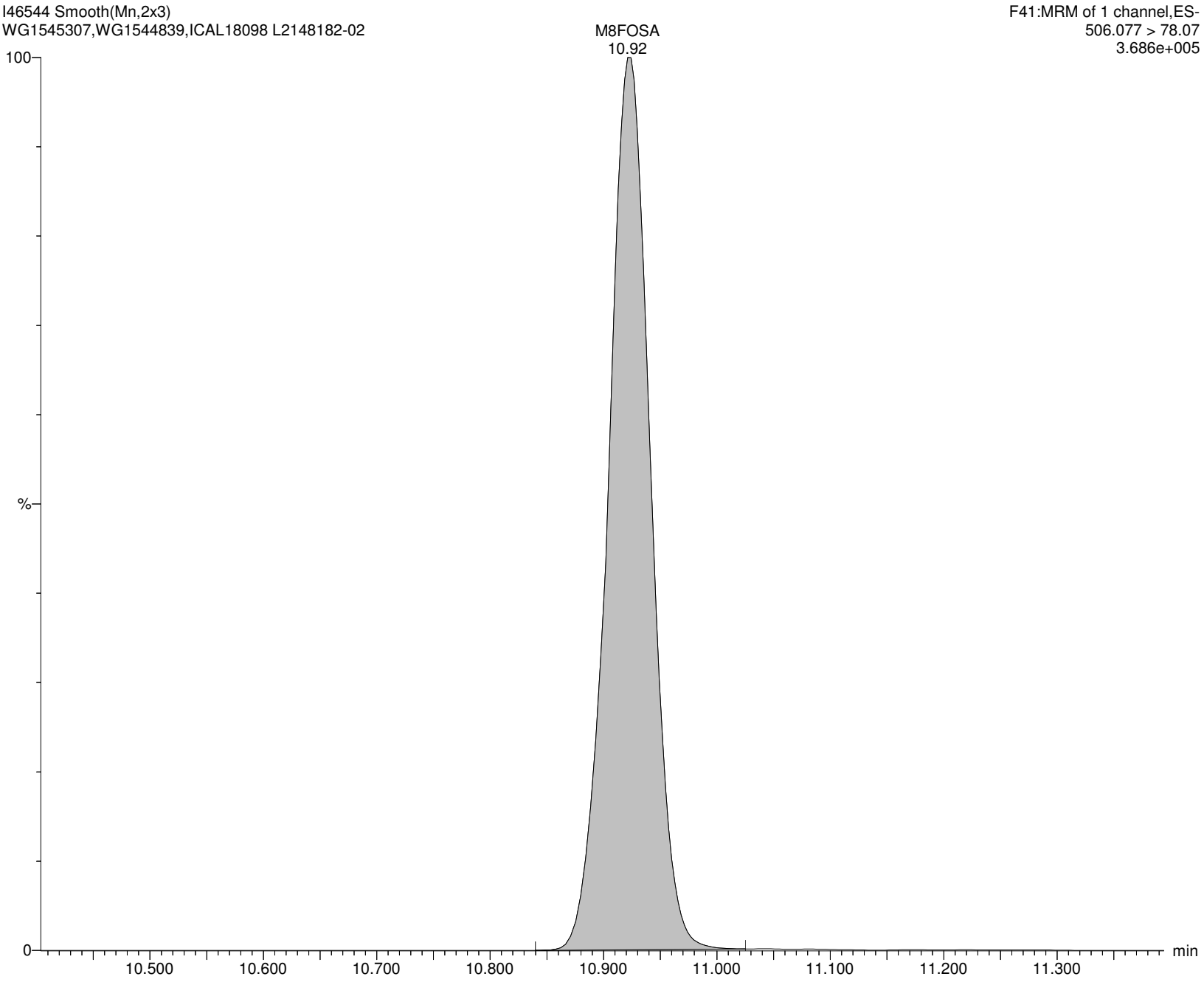


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:00 Eastern Daylight Time

Name: I46544
ID: L2148182-02
Date: 11-Sep-2021
Time: 18:05:06
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8FOSA

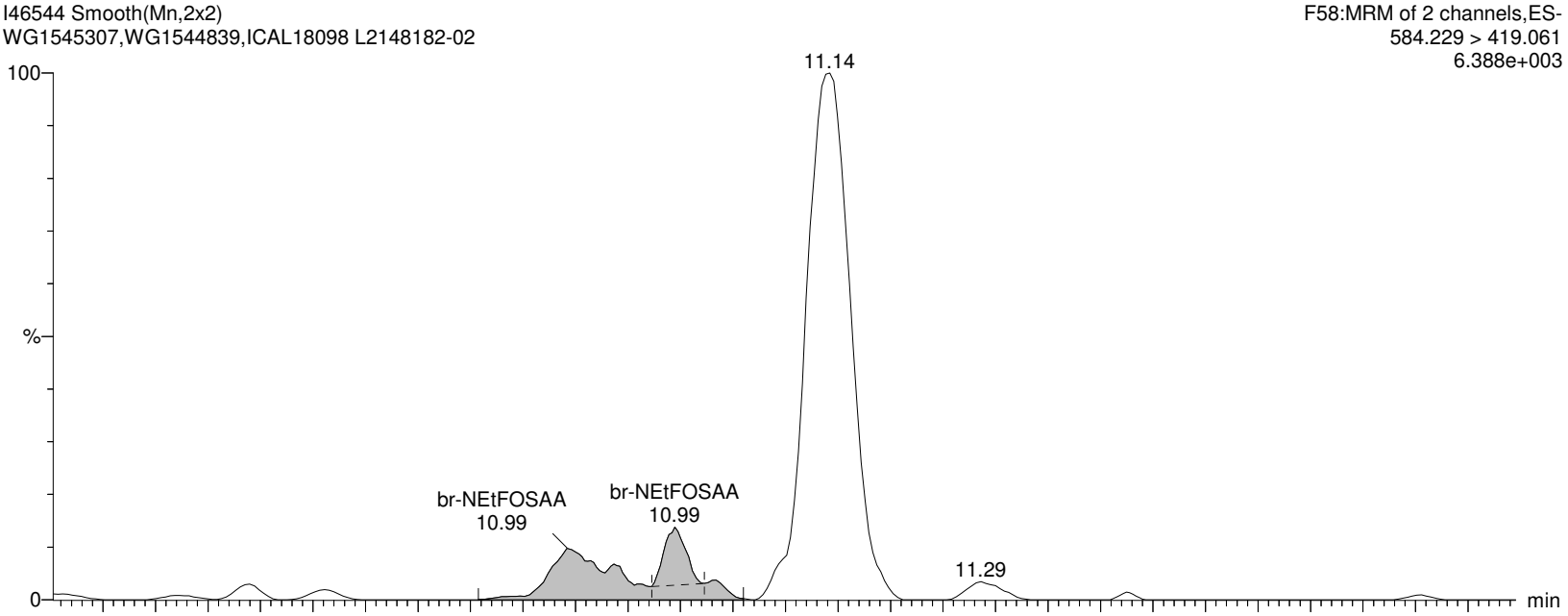


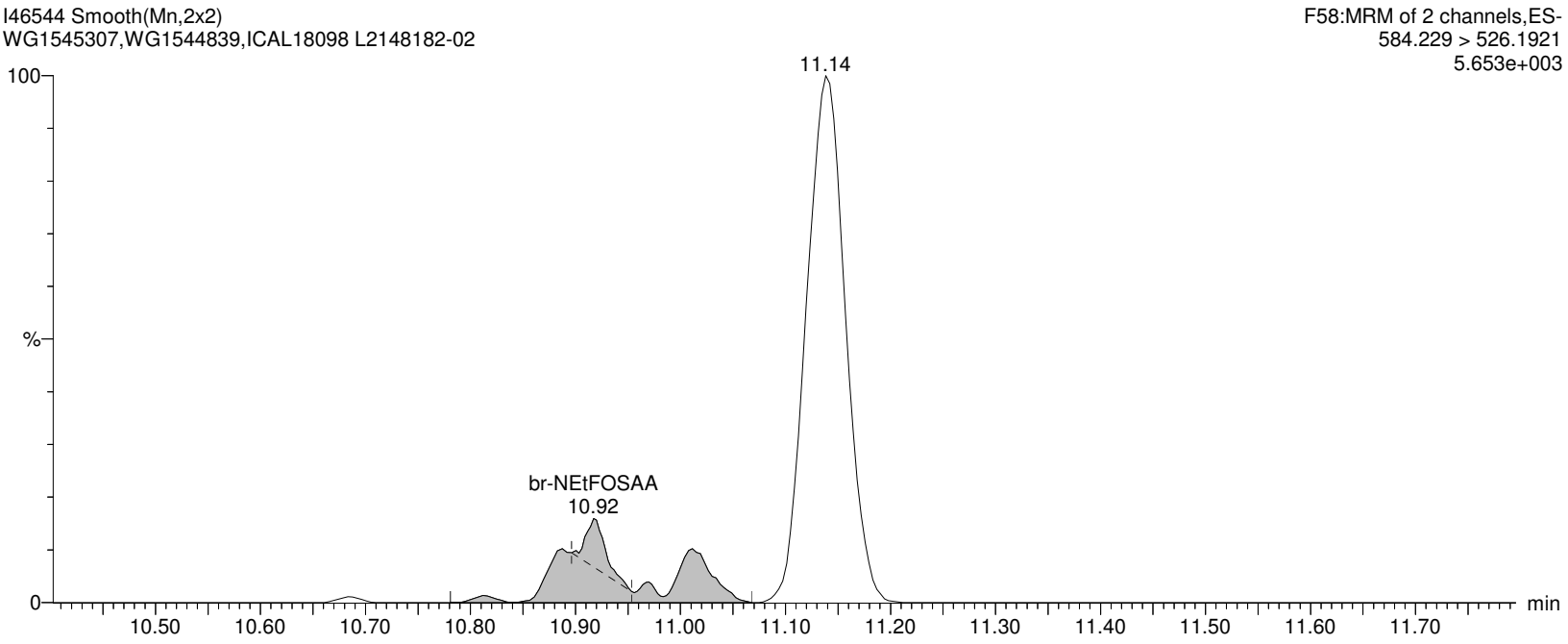
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:00 Eastern Daylight Time

Name: I46544
ID: L2148182-02
Date: 11-Sep-2021
Time: 18:05:06
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NEtFOSAA



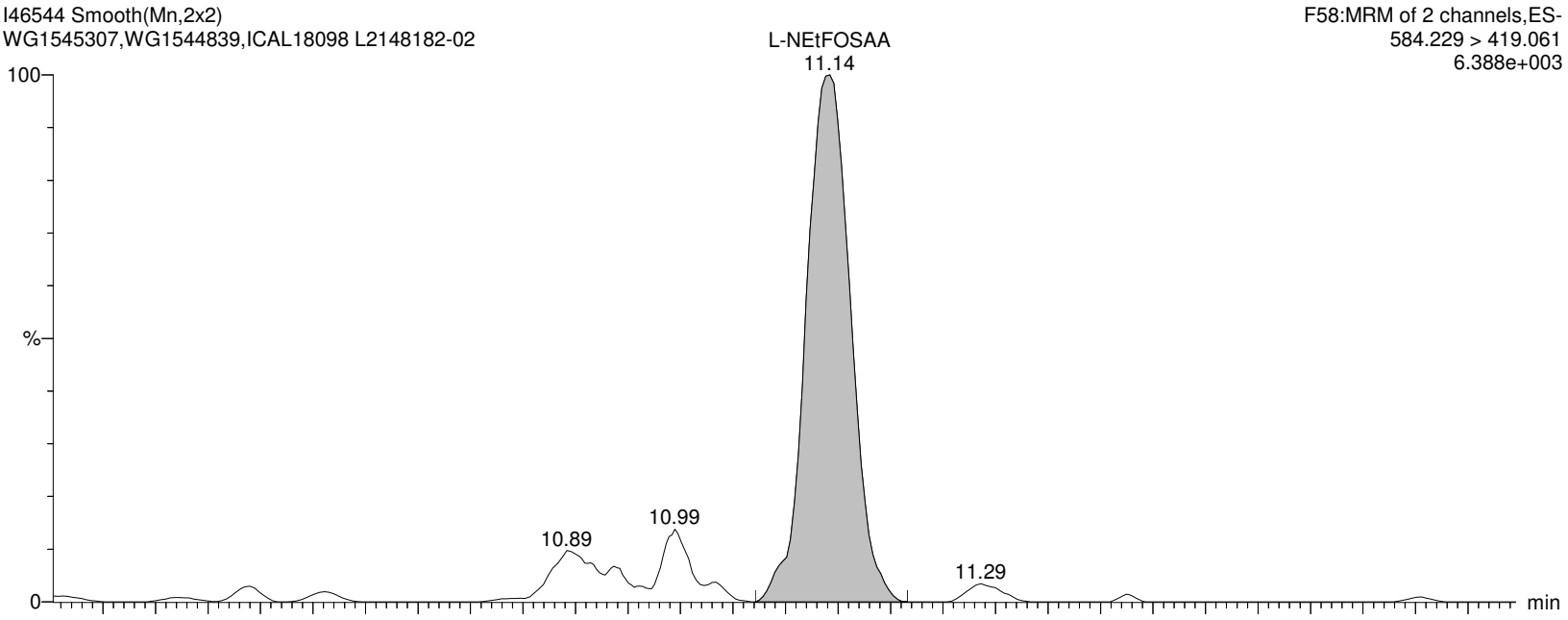


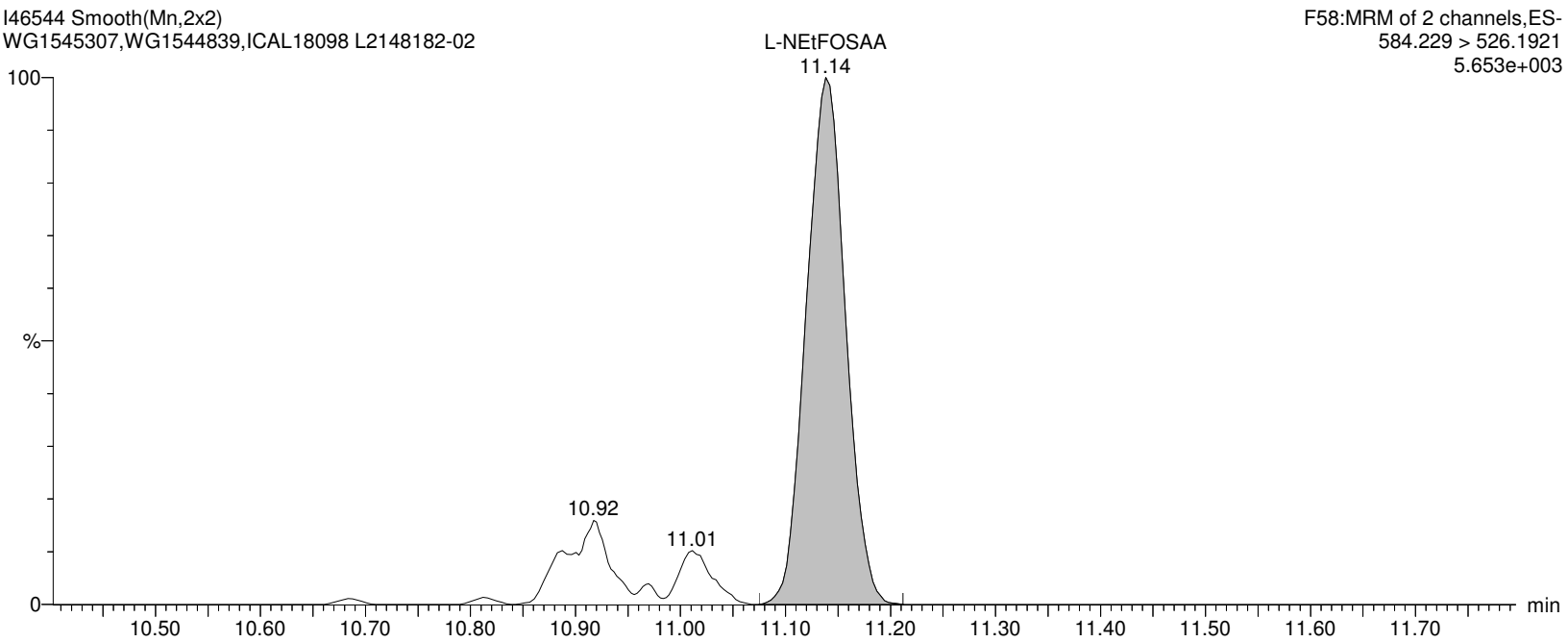
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:00 Eastern Daylight Time

Name: I46544
ID: L2148182-02
Date: 11-Sep-2021
Time: 18:05:06
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NEtFOSAA



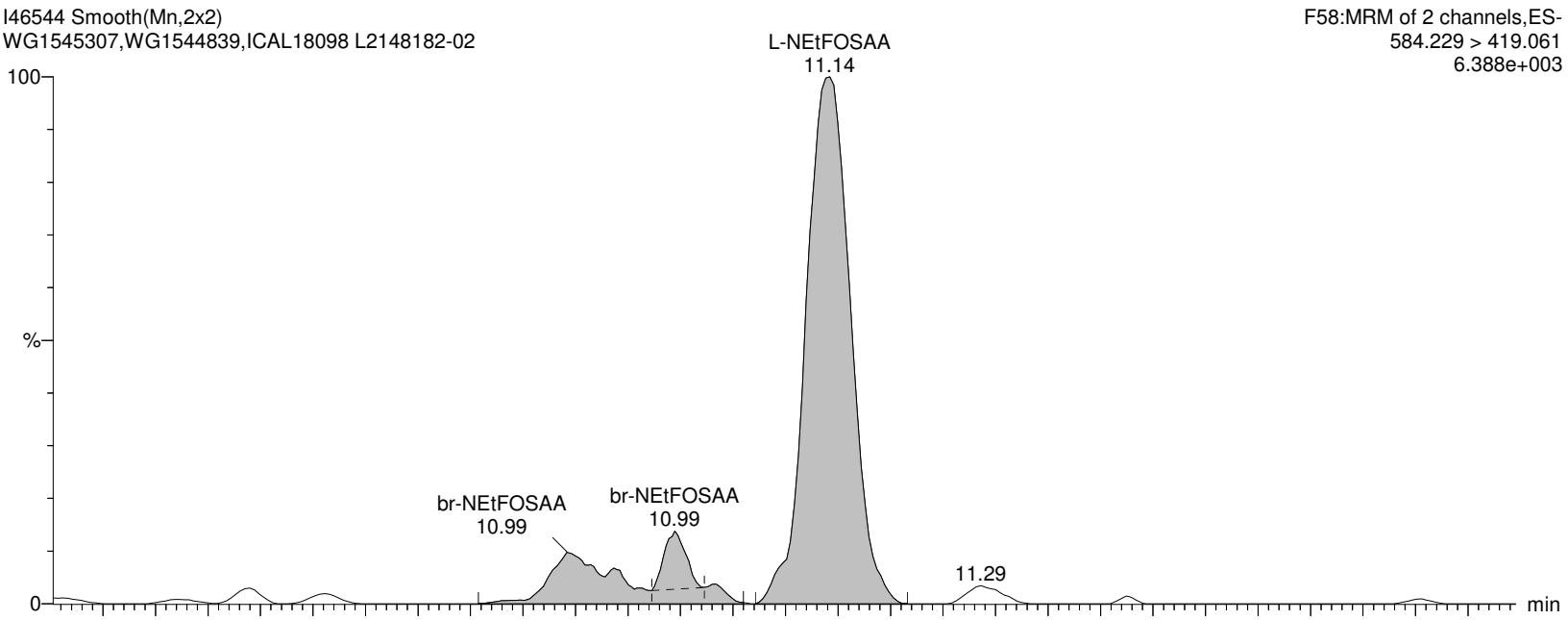


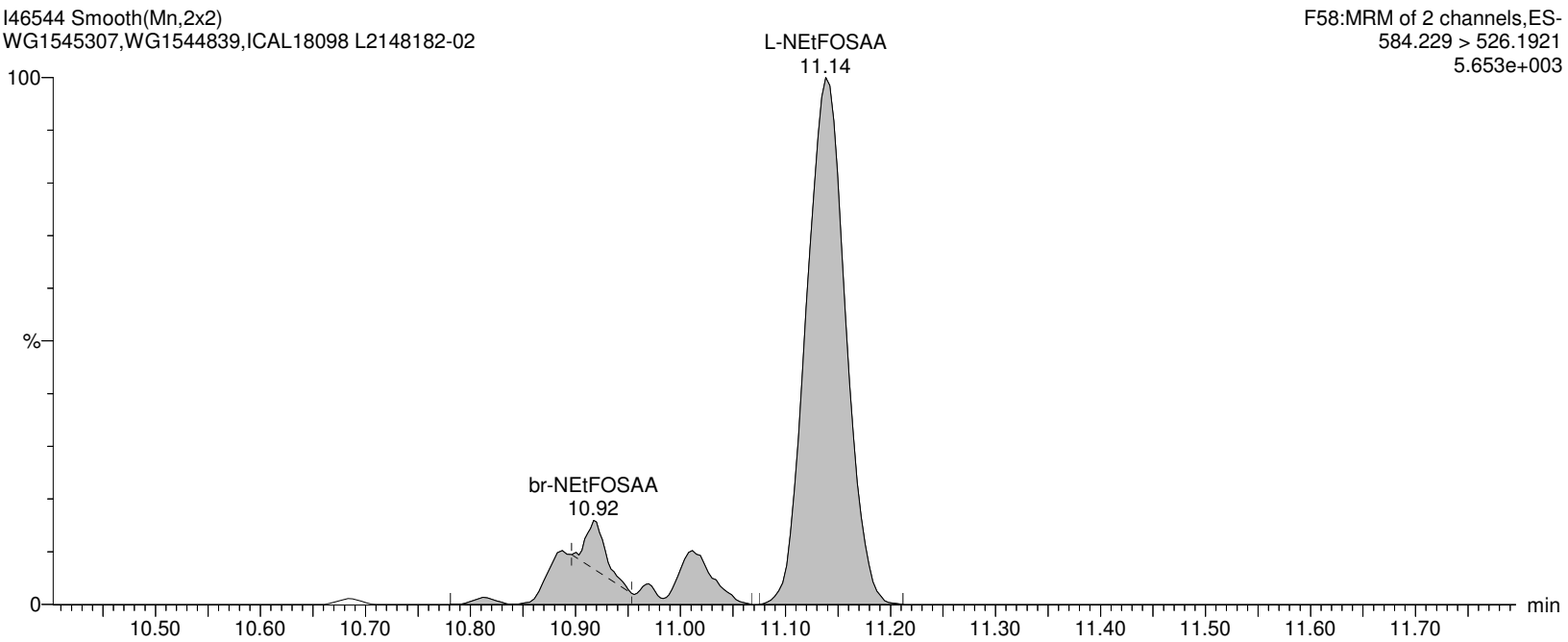
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:00 Eastern Daylight Time

Name: I46544
ID: L2148182-02
Date: 11-Sep-2021
Time: 18:05:06
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSAA



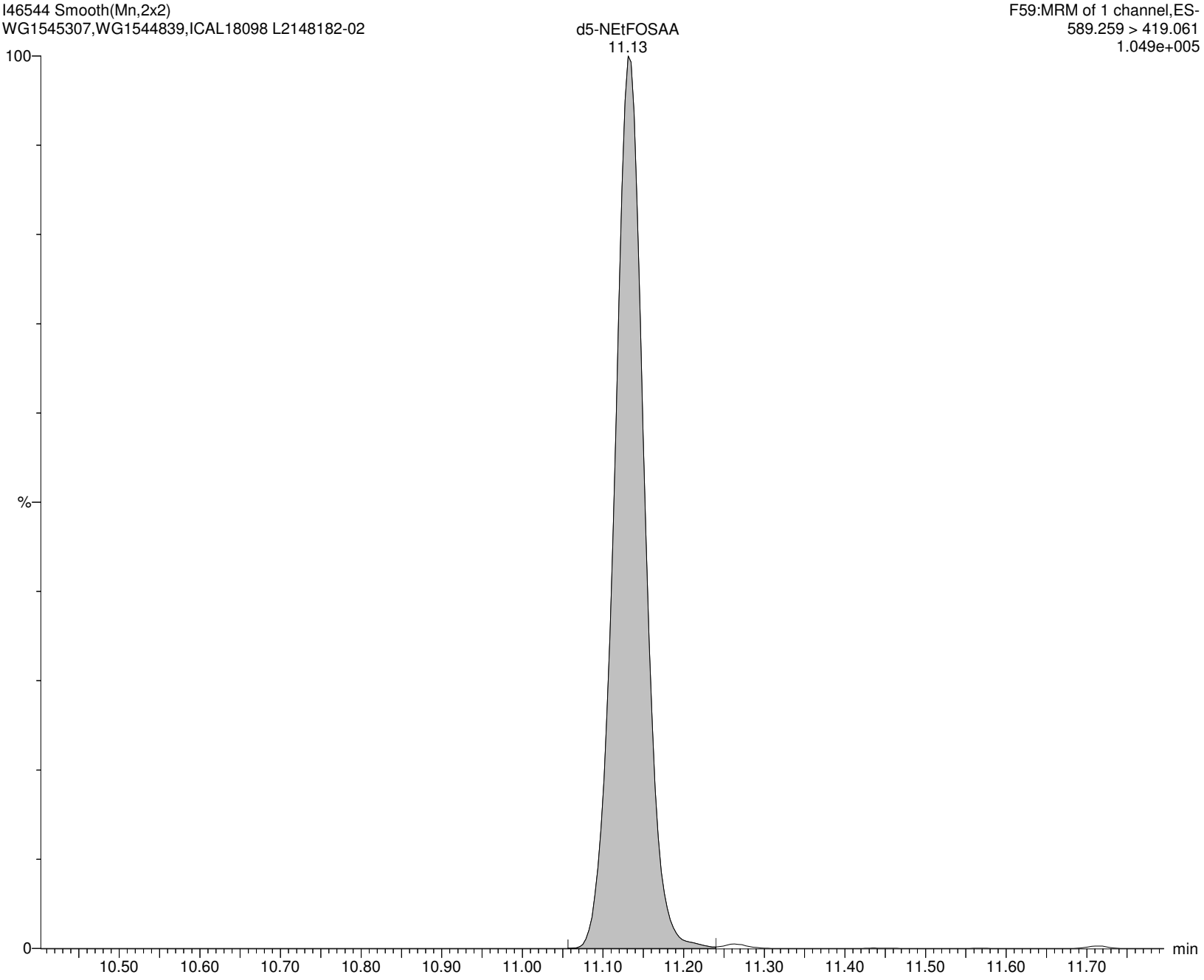


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:00 Eastern Daylight Time

Name: I46544
ID: L2148182-02
Date: 11-Sep-2021
Time: 18:05:06
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSAA

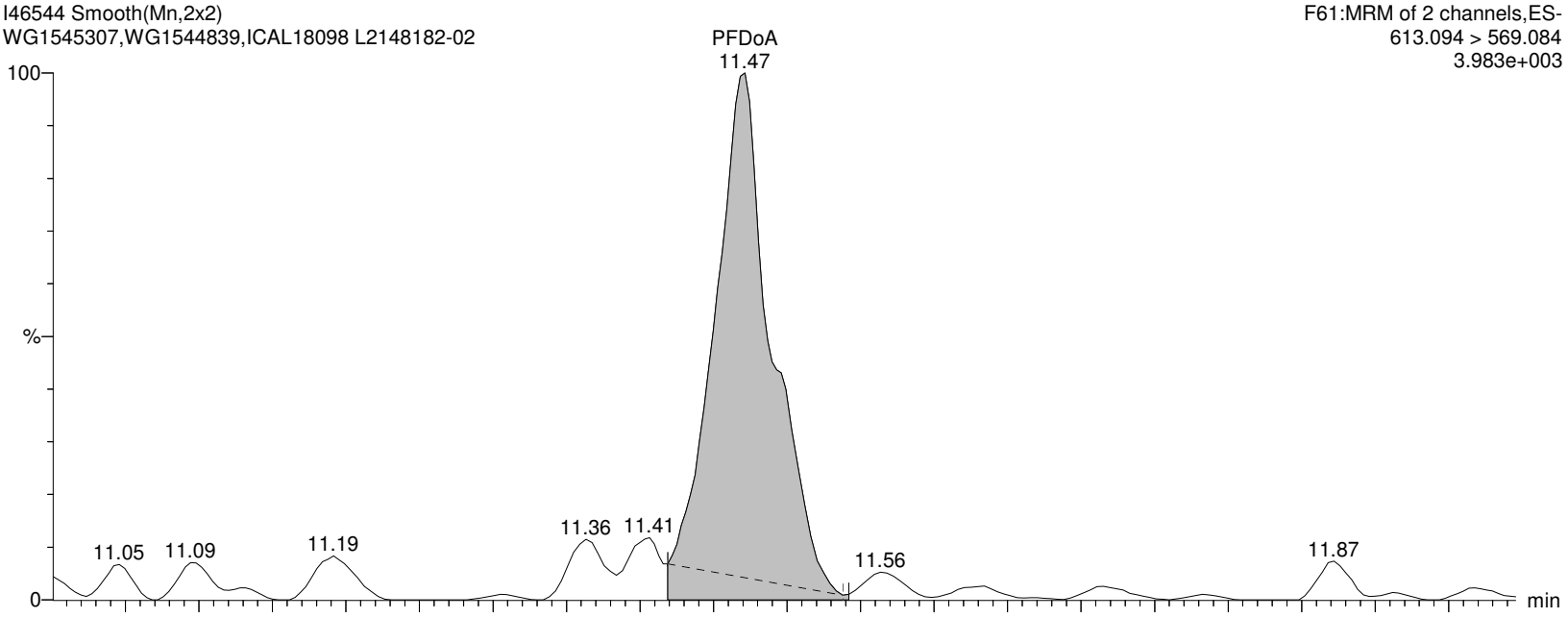


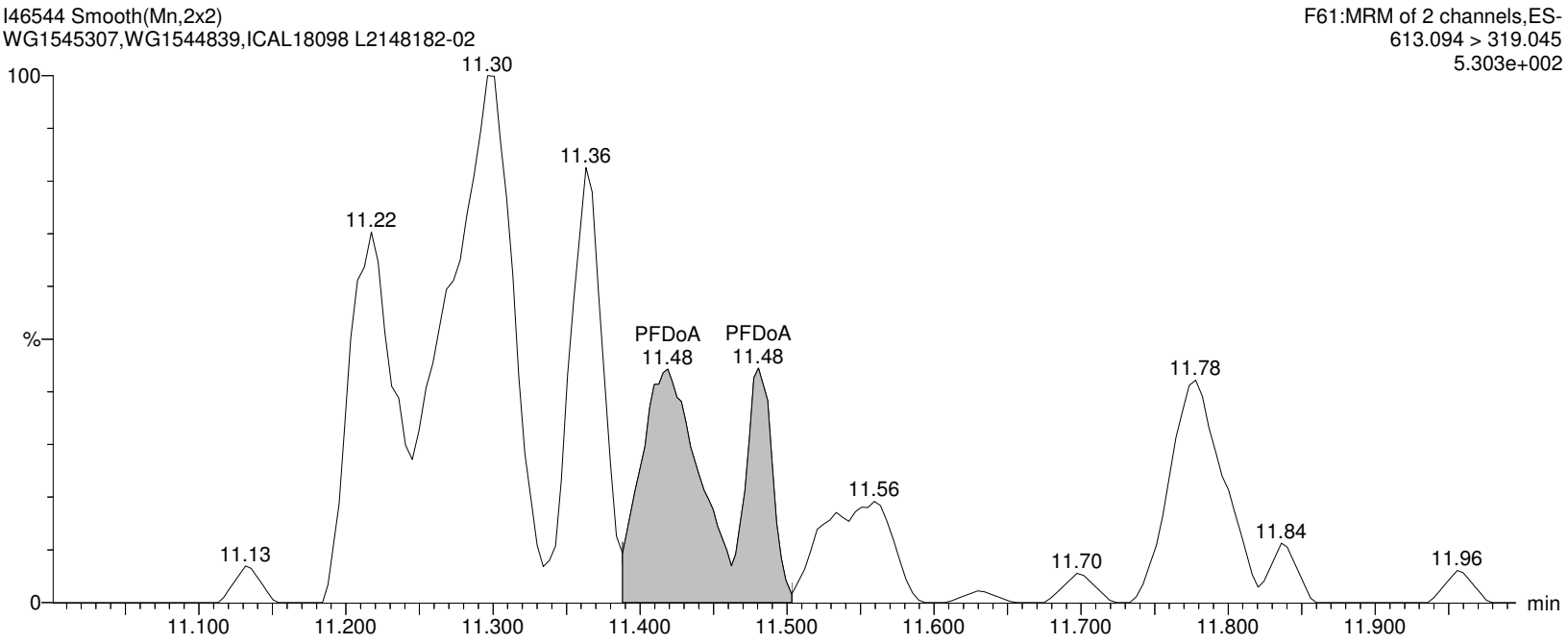
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:00 Eastern Daylight Time

Name: I46544
ID: L2148182-02
Date: 11-Sep-2021
Time: 18:05:06
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoA



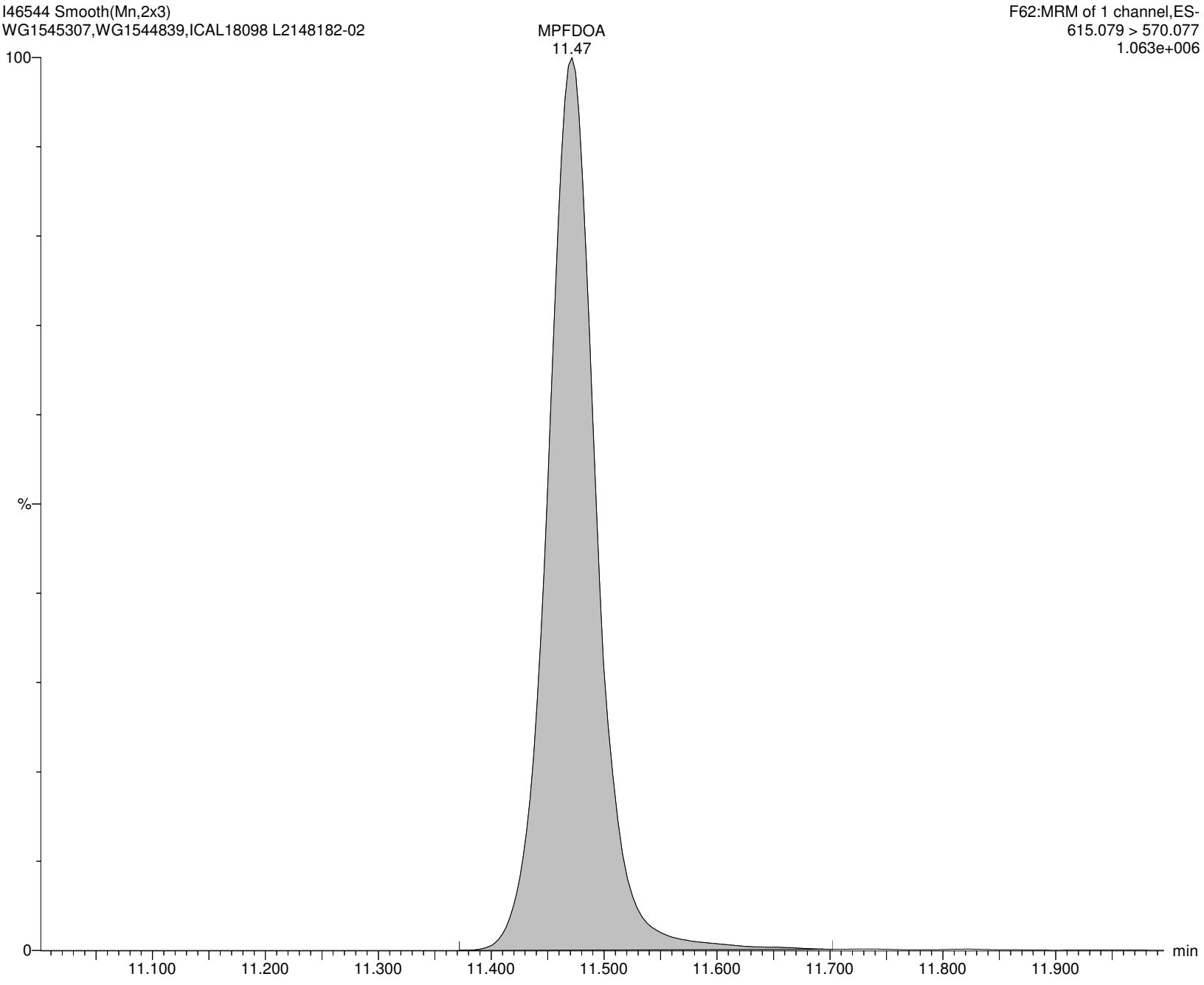


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:00 Eastern Daylight Time

Name: I46544
ID: L2148182-02
Date: 11-Sep-2021
Time: 18:05:06
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFDOA

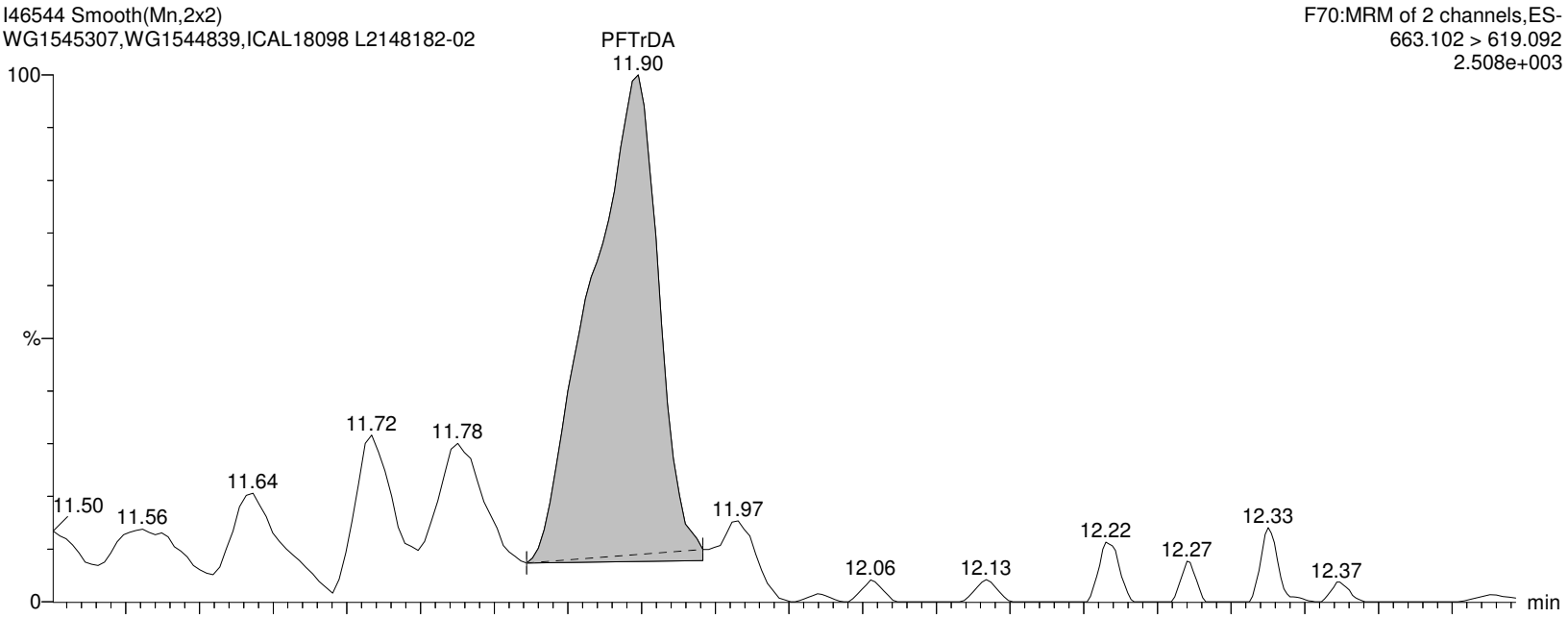


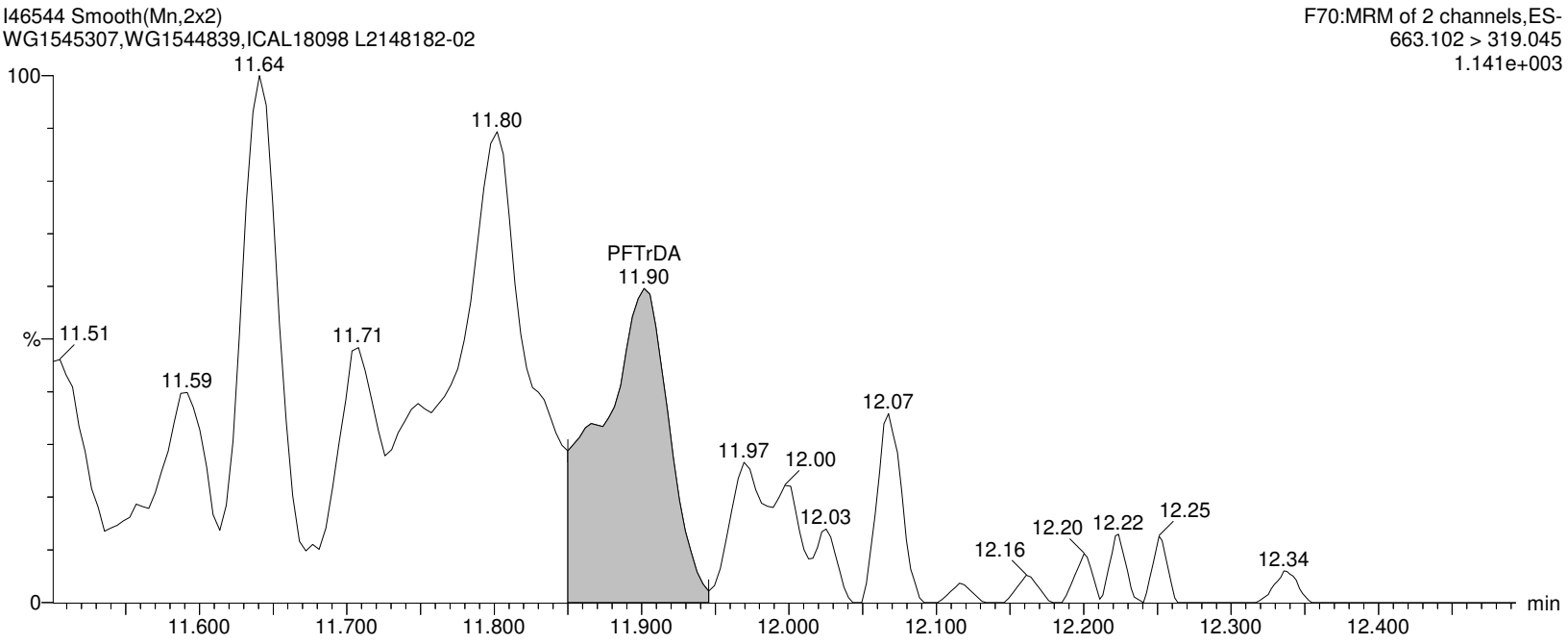
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:00 Eastern Daylight Time

Name: I46544
ID: L2148182-02
Date: 11-Sep-2021
Time: 18:05:06
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTrDA



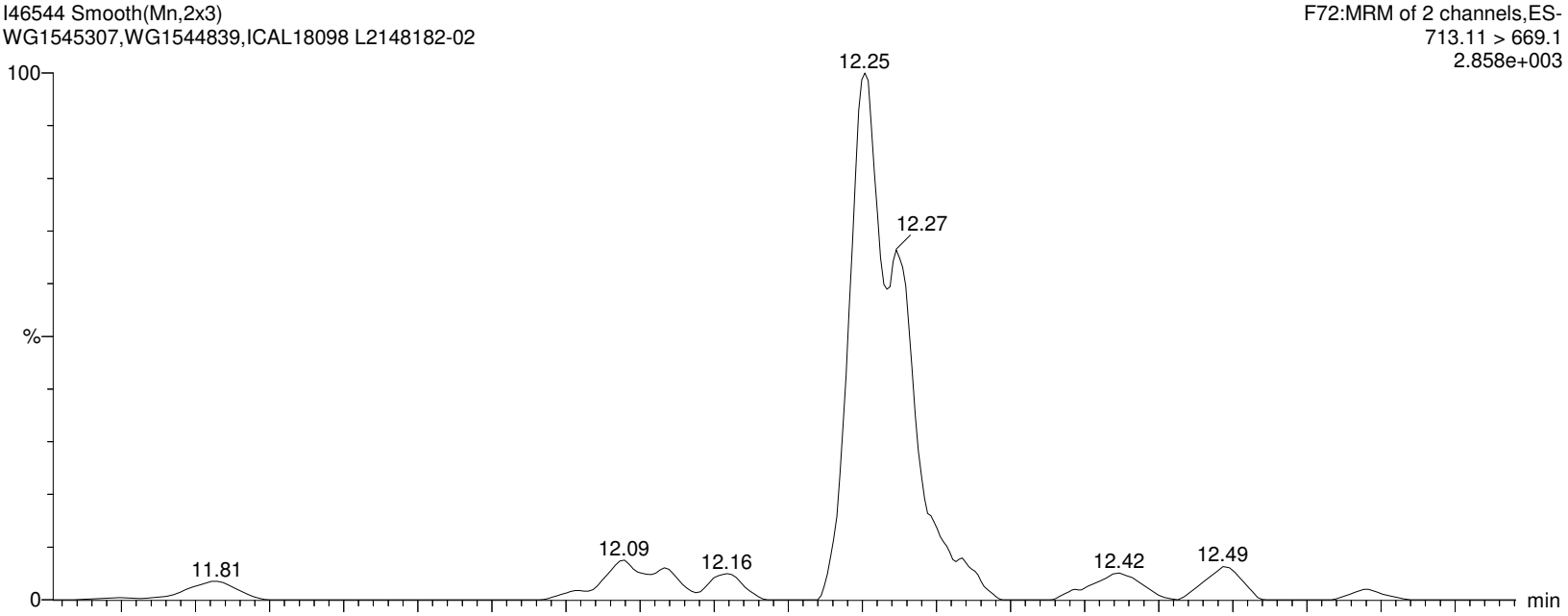


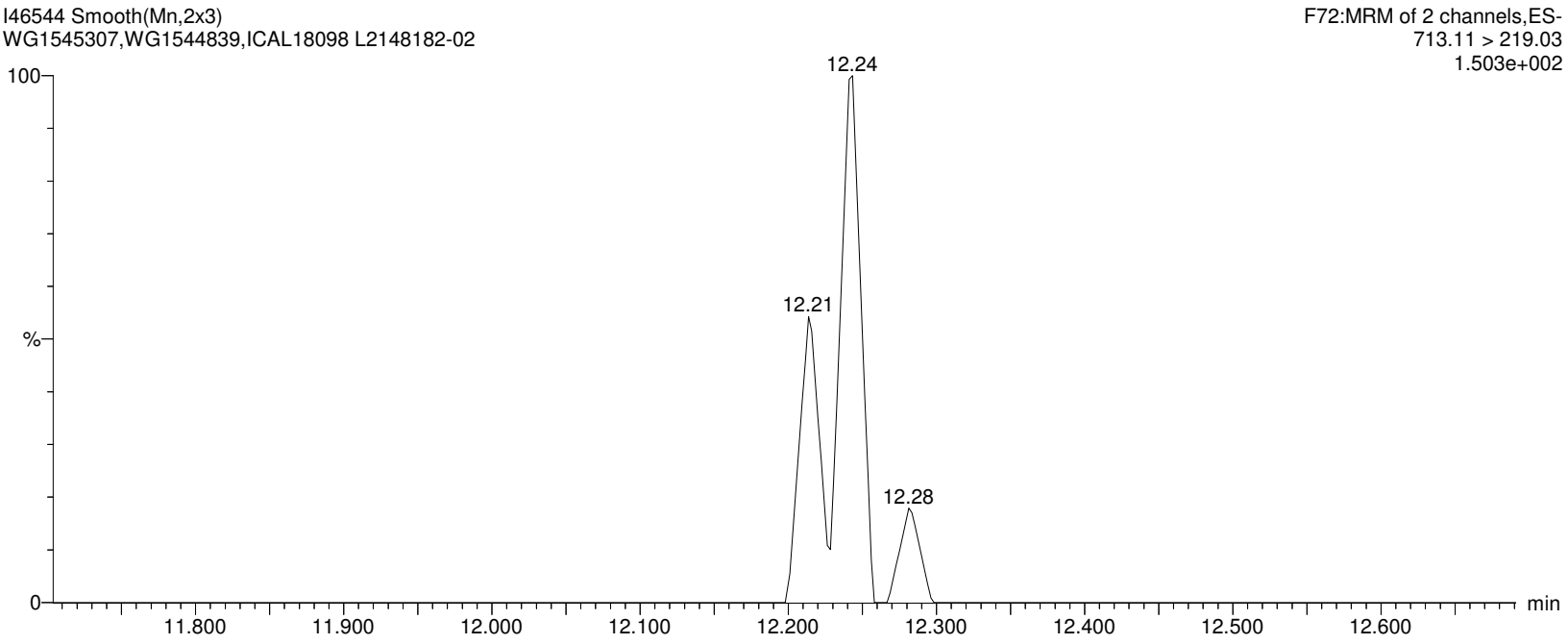
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:00 Eastern Daylight Time

Name: I46544
ID: L2148182-02
Date: 11-Sep-2021
Time: 18:05:06
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTA



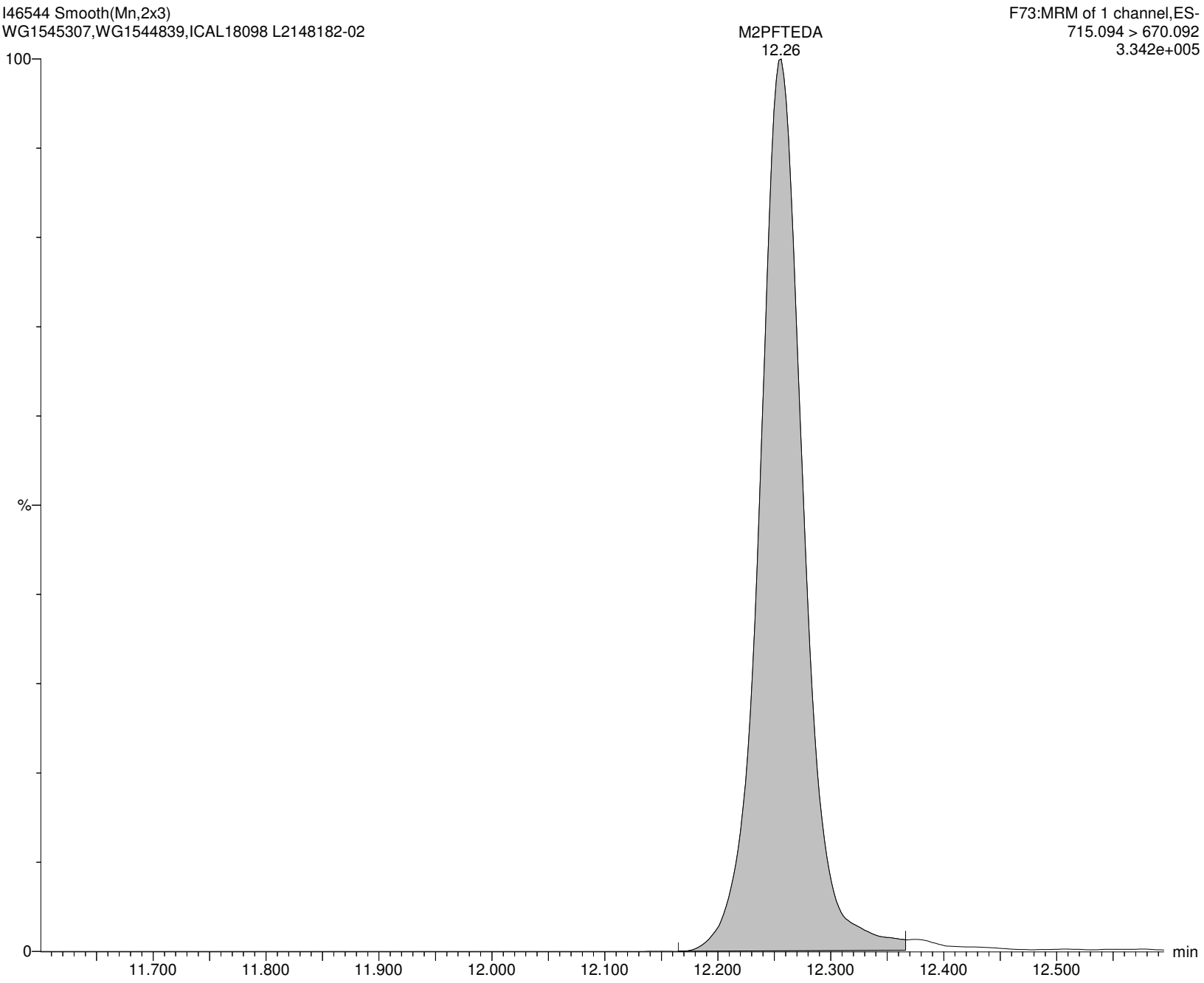


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:00 Eastern Daylight Time

Name: I46544
ID: L2148182-02
Date: 11-Sep-2021
Time: 18:05:06
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFTEDA



all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:03 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210911_537.PRO\MethDB\537ISO_Q_210625_TOP_RT2.mdb 03 Sep 2021 08:44:20
Calibration: C:\MassLynx\Data\2021\210911_537.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

ID: L2148182-03
Name: I46545
Date: 11-Sep-2021
Time: 18:21:40
Description: WG1545307,WG1544839,ICAL18098
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:SG
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.09	213.032 > 169.022	1657		0.447		na	
2	M3PFBA	INT STD	2.09	216.009 > 171.999	53572		10.205		na	102.0
3	MPFBA	INT STD	2.09	217.001 > 171.999	41624		7.226		na	72.3
4	PFPeA	2706-90-3	4.95	263.039 > 219.03	1108		0.256		na	
5	M5PFPEA	INT STD	4.95	268.001 > 222.999	46039		7.284		na	72.8
6	PFBS	375-73-5	5.60	299.092 > 80.062	424		0.331	1.83	NO	
7	M3PFBS	INT STD	5.60	302.069 > 80.062	11790		8.838		na	88.4
8	4:2FTS	757124-72-4		327.146 > 307.139			ND		YES	
9	M2-4:2FTS	INT STD	6.77	329.13 > 309.124	6088		11.388		na	113.9
10	PFHxA	307-24-4	6.84	313.047 > 269.037	1499	M7	0.292	15.17	NO	
11	M5PFHxA	INT STD	6.84	318.009 > 273.007	48307		7.753		na	77.5
12	PFPeS	2706-91-4	7.16	349.1 > 80.062	106	M4,M7	0.087	1.17	NO	
13	PFHpA	375-85-9	8.11	363.055 > 319.045	1660		0.233	6.46	NO	
14	M4PFHpA	INT STD	8.11	367.025 > 322.022	70374		7.575		na	75.8
15	br-PFHxS	355-46-4	8.04	399.107 > 80.062	100	M5,M7	0.087	1.49	NO	
16	L-PFHxS	355-46-4	8.27	399.107 > 80.062	422		0.279	1.68	NO	
17	PFHxS	355-46-4		399.107 > 80.062	523		0.366		na	
18	M3PFHxS	INT STD	8.27	402.084 > 80.062	13883		9.176		na	91.8
19	br-PFOA	335-67-1	8.83	413.063 > 369.053	1289	M5	0.176	2.26	NO	
20	L-PFOA	335-67-1	9.05	413.063 > 369.053	4800		0.656	8.71	NO	
21	PFOA	335-67-1		413.063 > 369.053	6089		0.832		na	
22	M8PFOA	INT STD	9.05	421.002 > 376.	75919		7.338		na	73.4
23	M2PFOA	INT STD	9.06	415.048 > 370.045	101906		9.622		na	96.2
24	6:2FTS	27619-97-2	9.01	427.161 > 407.155	34	M4,M7	0.069	5.43	NO	
25	M2-6:2FTS	INT STD	9.01	429.146 > 409.14	5027		9.159		na	91.6
26	PFHpS	375-92-8	9.15	449.115 > 80.062	43	M4,M7	0.047	0.58	NO	
27	PFNA	375-95-1	9.81	463.071 > 419.061	482		0.087	3.69	NO	
28	M9PFNA	INT STD	9.81	472.002 > 427.	22111		7.440		na	74.4
29	br-PFOS	1763-23-1	9.61	499.123 > 80.062	2062	M5,M7	1.462	4.93	NO	
30	L-PFOS	1763-23-1	9.87	499.123 > 80.062	313	M4,M7	0.277	1.55	NO	
31	PFOS	1763-23-1		499.123 > 80.062	2375		1.740		na	
32	M4PFOS	INT STD	9.87	503.093 > 80.062	12091		10.683		na	106.8
33	M8PFOS	INT STD	9.87	507.062 > 80.062	12816		9.459		na	94.6
34	PFDA	335-76-2	10.44	513.078 > 469.069	227	M4,M7	0.046	6.91	NO	
35	M2PFDA	INT STD	10.45	515.053 > 469.934	58283		9.554		na	95.5
36	M6PFDA	INT STD	10.45	519.033 > 474.03	49915		7.545		na	75.5
37	8:2FTS	39108-34-4		527.177 > 507.171			ND		YES	
38	M2-8:2FTS	INT STD	10.44	529.162 > 509.155	3323		8.235		na	82.4
39	PFNS	68259-12-1		549.131 > 80.062			ND		YES	

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:03 Eastern Daylight Time

ID: L2148182-03
Name: I46545
Date: 11-Sep-2021
Time: 18:21:40
Description: WG1545307,WG1544839,ICAL18098
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:SG
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.84	573.22 > 419.061	3179		5.099		na	51.0
41	br-NMeFOSAA			570.202 > 419.061			ND		YES	
42	L-NMeFOSAA		10.84	570.202 > 419.061	1		0.003		YES	
43	NMeFOSAA	2355-31-9		570.202 > 419.061	1		0.003		na	
44	PFUnA	2058-94-8	10.99	563.086 > 519.076	163	M4,M7	0.032	16.82	YES	
45	M7-PFUDA	INT STD	10.99	570.033 > 525.031	50366		8.164		na	81.6
46	PFDS	335-77-3		599.139 > 80.062			ND		YES	
47	FOSA	754-91-6	10.92	498.146 > 78.07	21	M7	0.026	0.79	YES	
48	M8FOSA	INT STD	10.92	506.077 > 78.07	9556		2.668		na	26.7
49	br-NEtFOSAA			584.229 > 419.061			ND		YES	
50	L-NEtFOSAA		11.13	584.229 > 419.061	4		0.015	0.55	YES	
51	NEtFOSAA	2991-50-6		584.229 > 419.061	4		0.015		na	
52	d5-NEtFOSAA	INT STD	11.13	589.259 > 419.061	2676		5.194		na	51.9
53	PFDoA	307-55-1	11.47	613.094 > 569.084	142	M7	0.032	429.46	YES	
54	MPFDOA	INT STD	11.47	615.079 > 570.077	42911		7.209		na	72.1
55	PFTrDA	72629-94-8	11.90	663.102 > 619.092	130	M4,M7	0.040	44.56	YES	
56	PFTA	376-06-7	12.25	713.11 > 669.1	105	M4,M7	0.040	14.83	YES	
57	M2PFTEDA	INT STD	12.26	715.094 > 670.092	13364		7.159		na	71.6

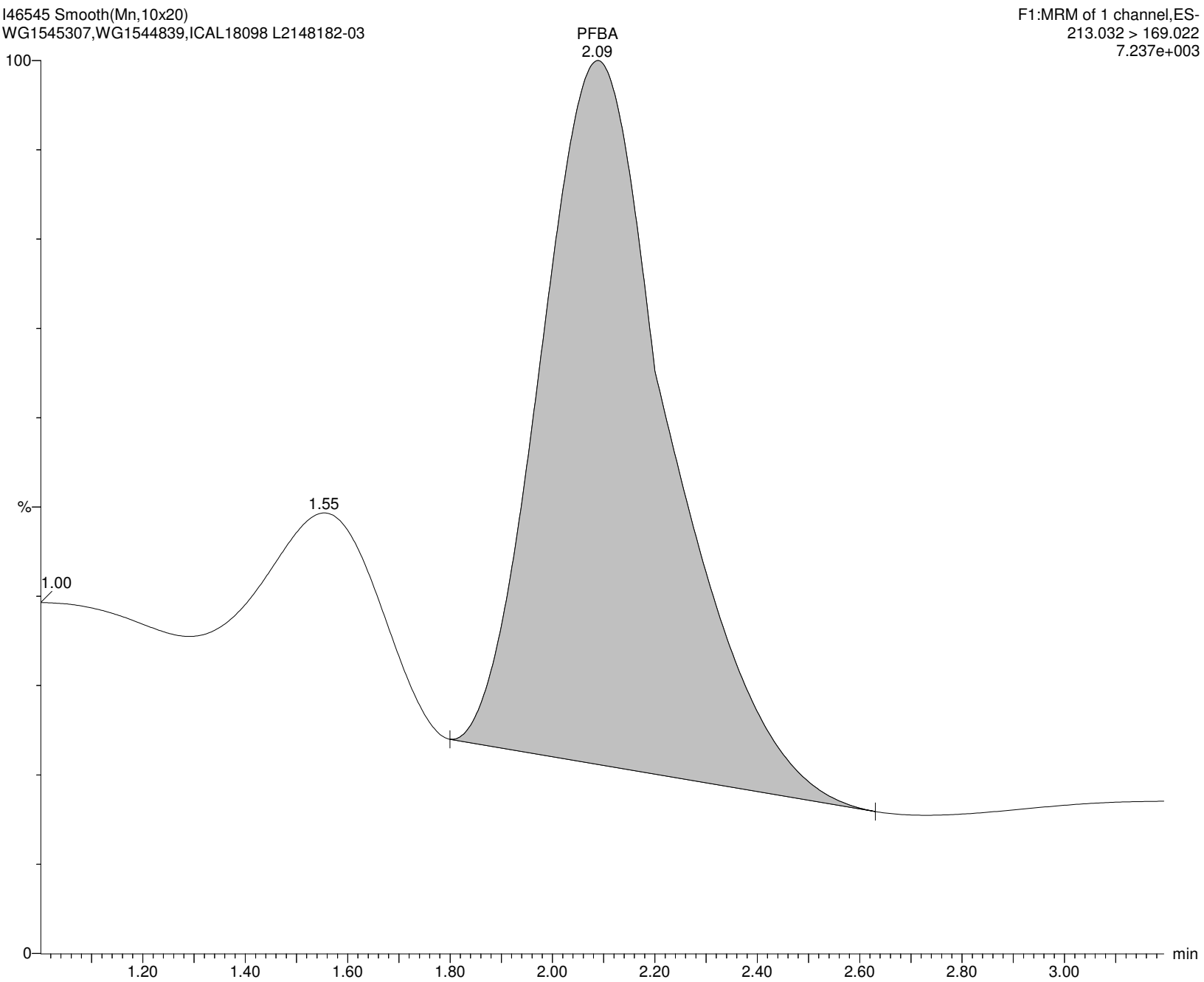
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:03 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210911_537.PRO\MethDB\537ISO_Q_210625_TOP_RT2.mdb 03 Sep 2021 08:44:20
Calibration: C:\MassLynx\Data\2021\210911_537.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

Name: I46545
ID: L2148182-03
Date: 11-Sep-2021
Time: 18:21:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBA

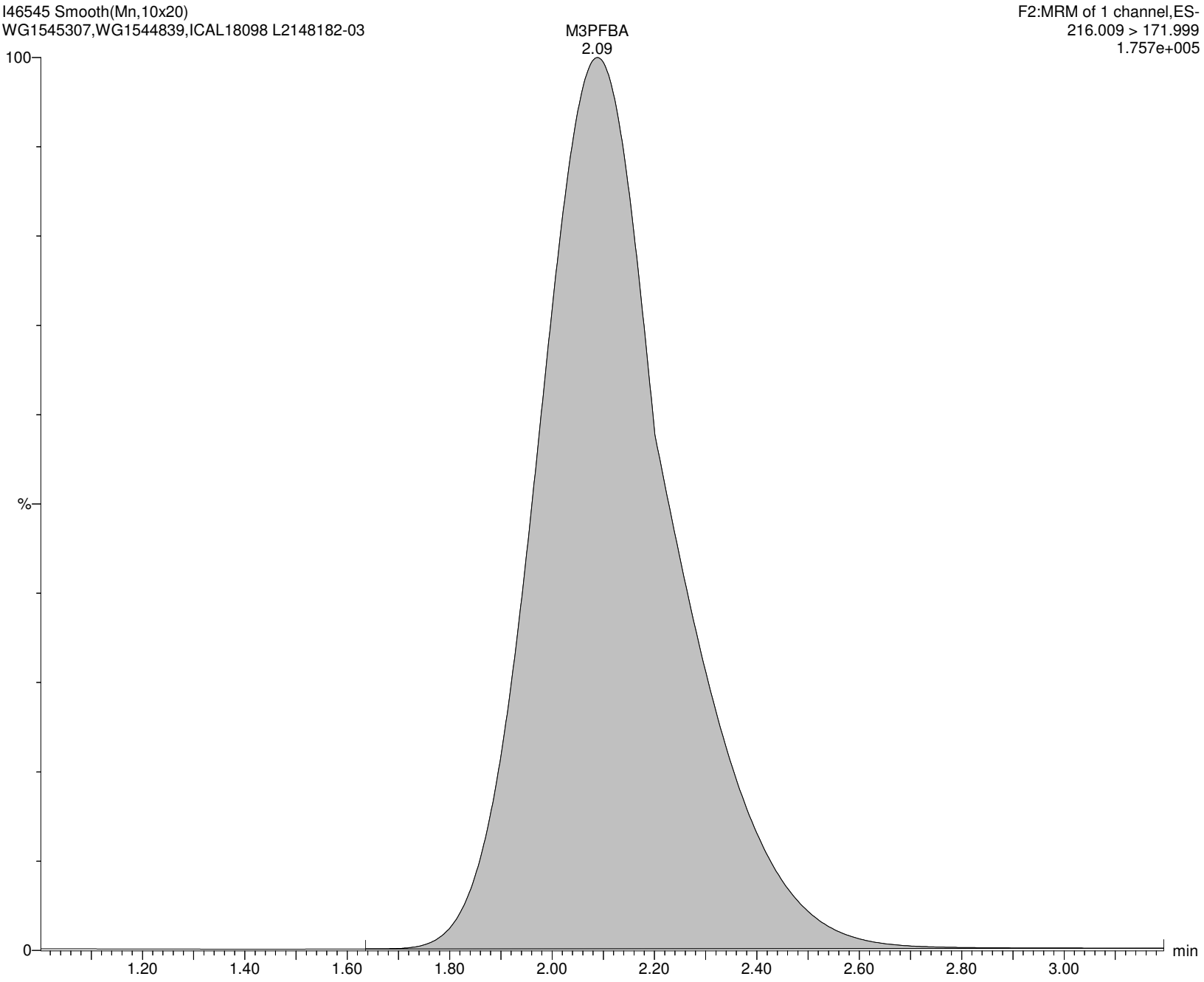


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:03 Eastern Daylight Time

Name: I46545
ID: L2148182-03
Date: 11-Sep-2021
Time: 18:21:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBA

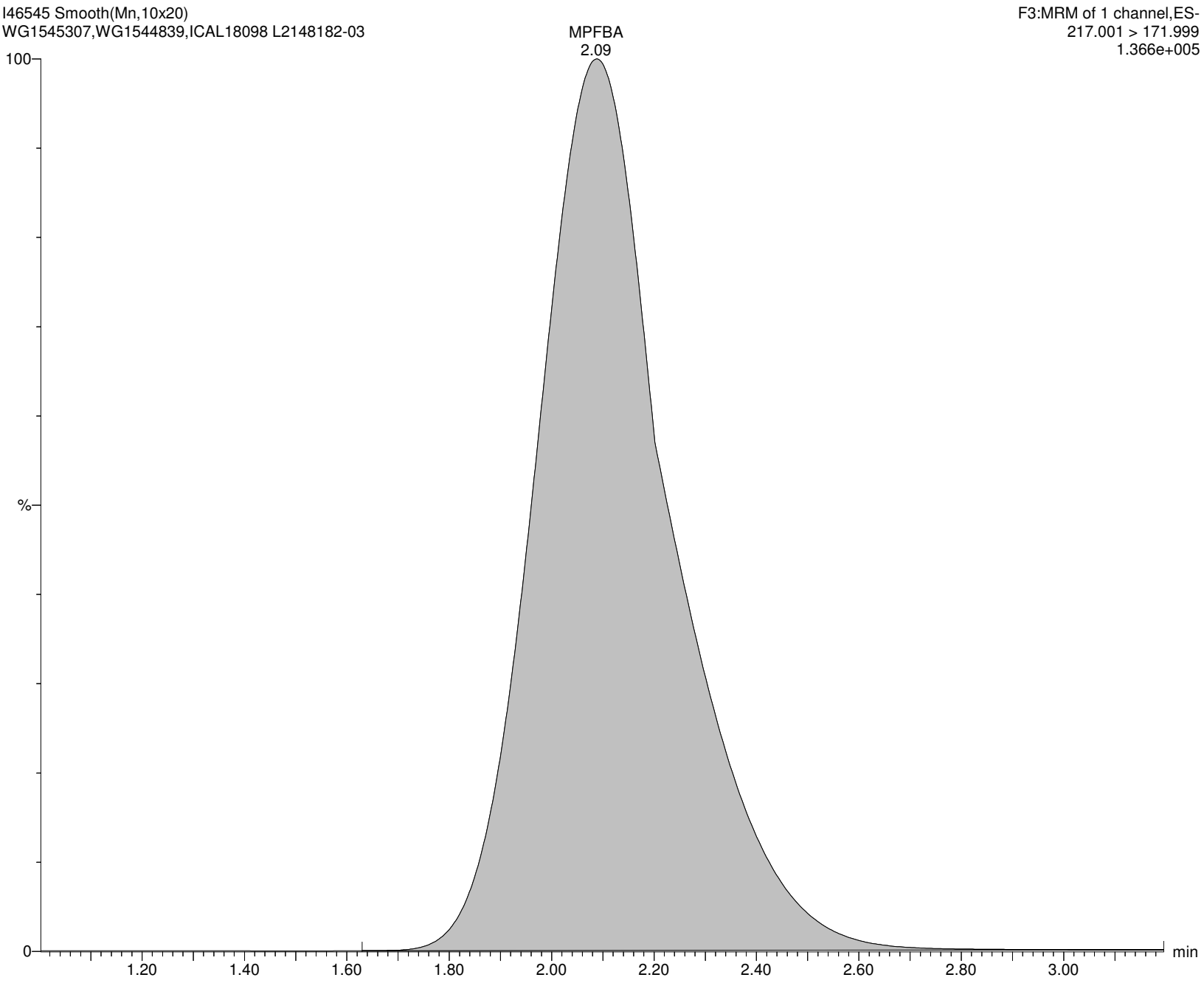


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:03 Eastern Daylight Time

Name: I46545
ID: L2148182-03
Date: 11-Sep-2021
Time: 18:21:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFBA

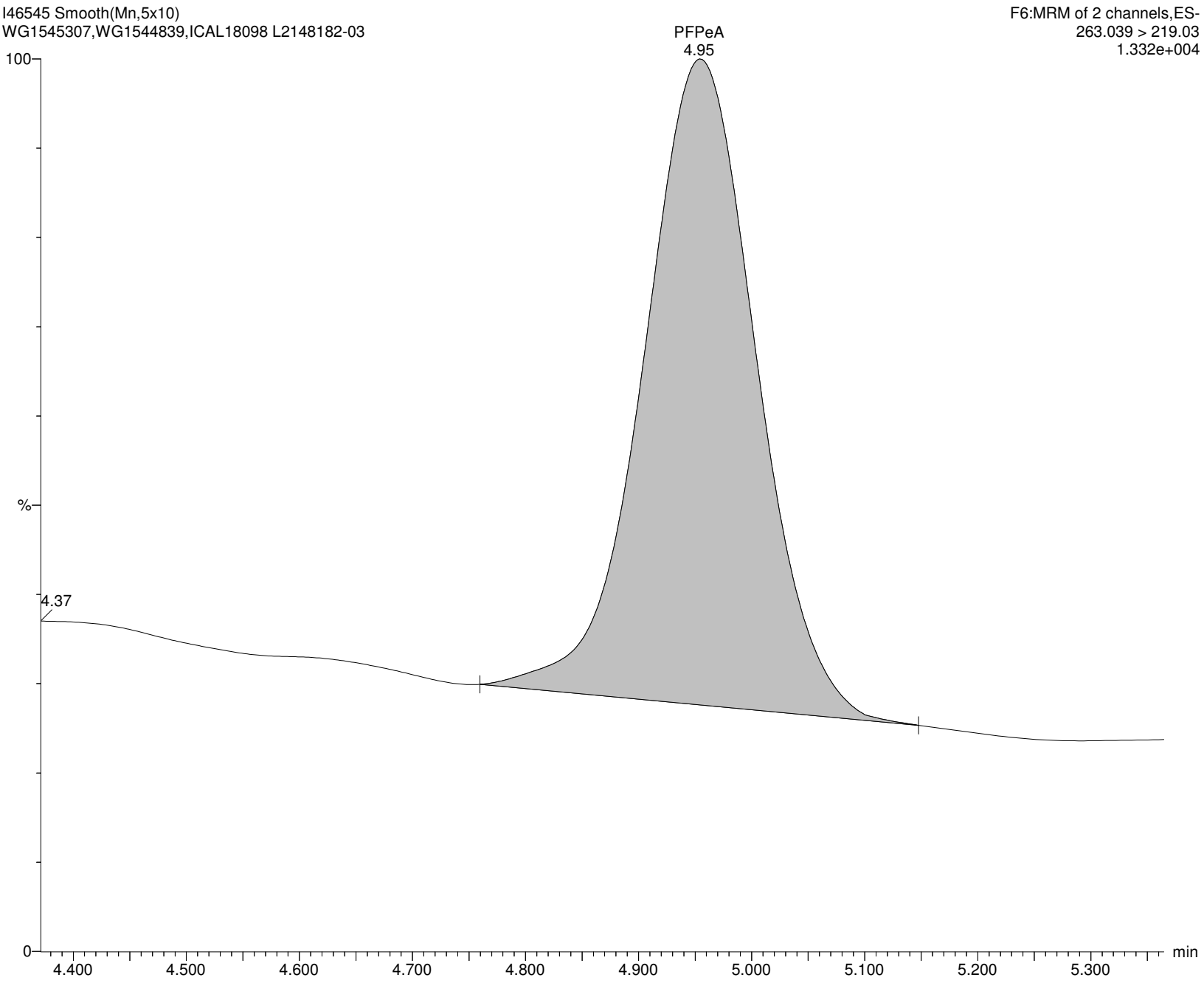


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:03 Eastern Daylight Time

Name: I46545
ID: L2148182-03
Date: 11-Sep-2021
Time: 18:21:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeA

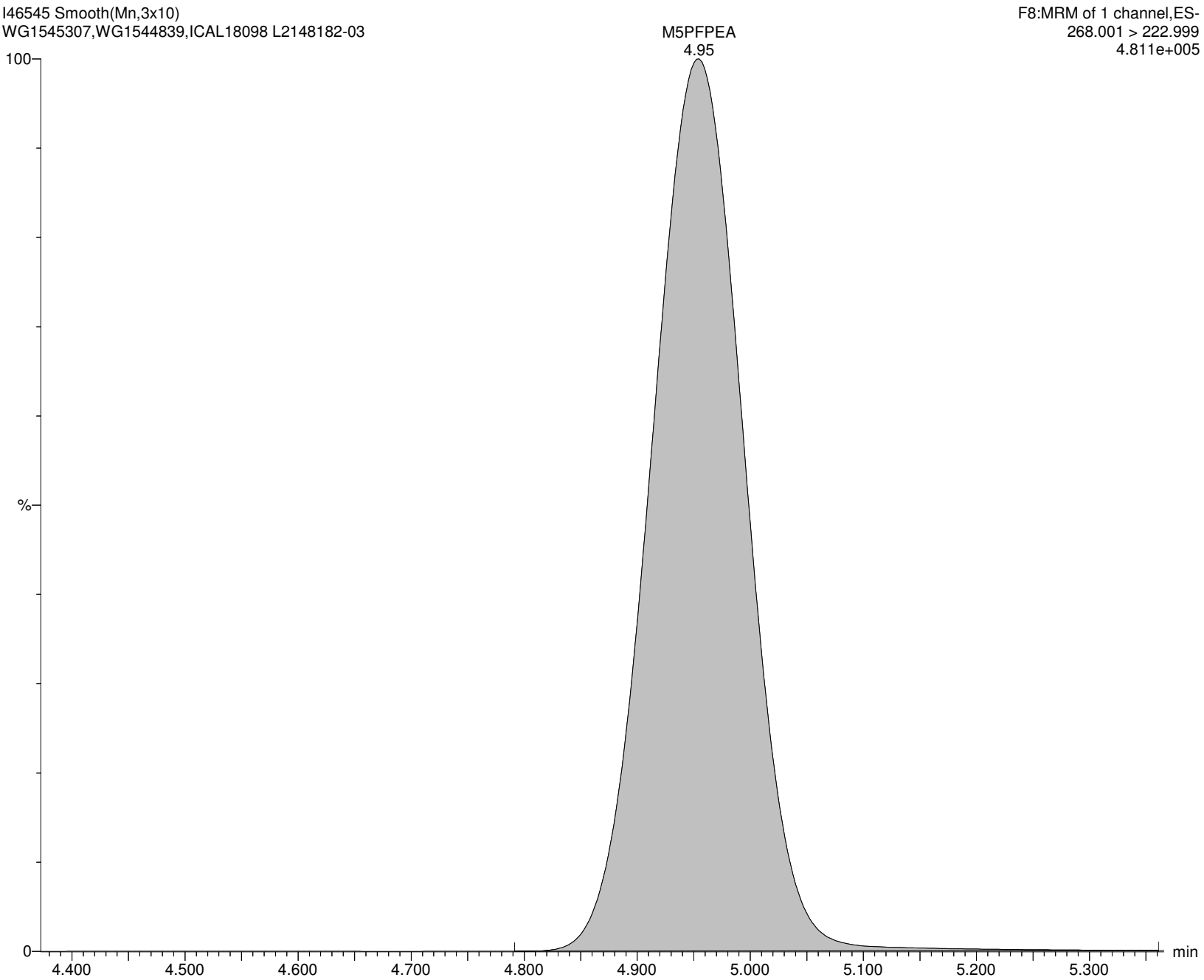


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:03 Eastern Daylight Time

Name: I46545
ID: L2148182-03
Date: 11-Sep-2021
Time: 18:21:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFPEA

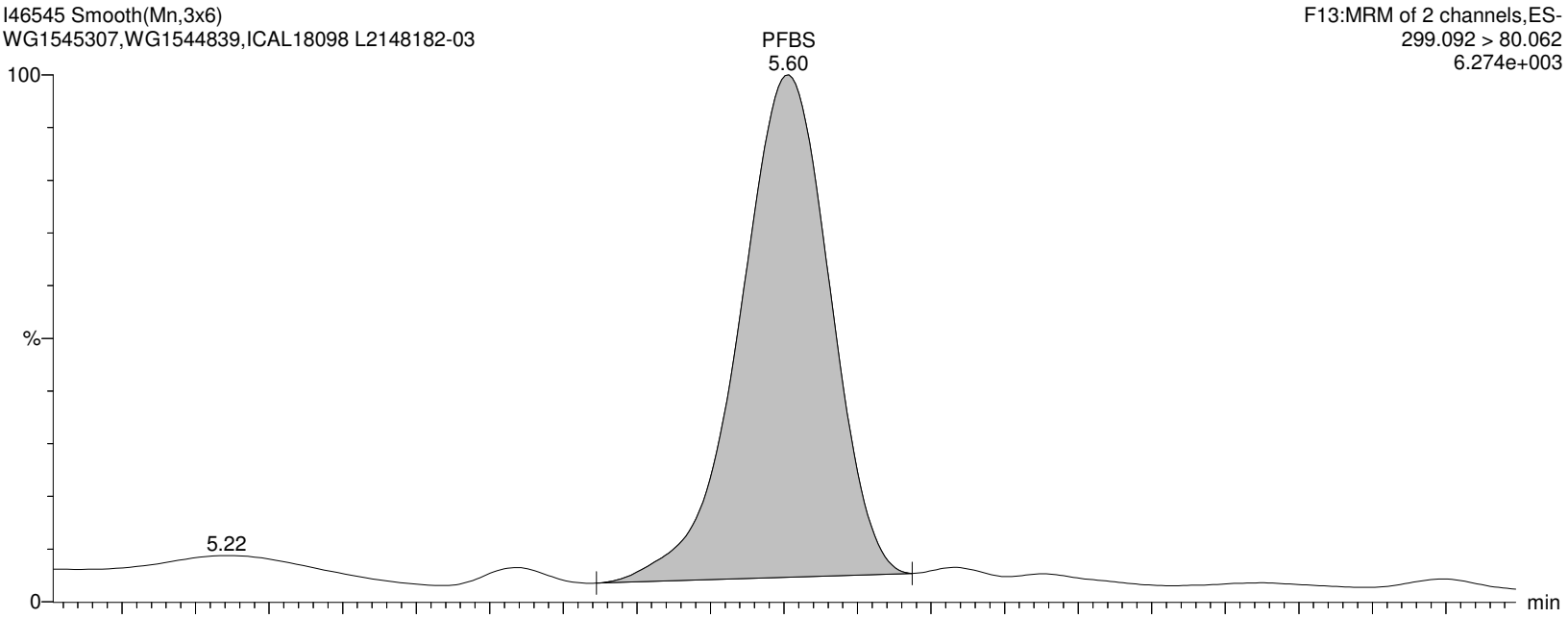


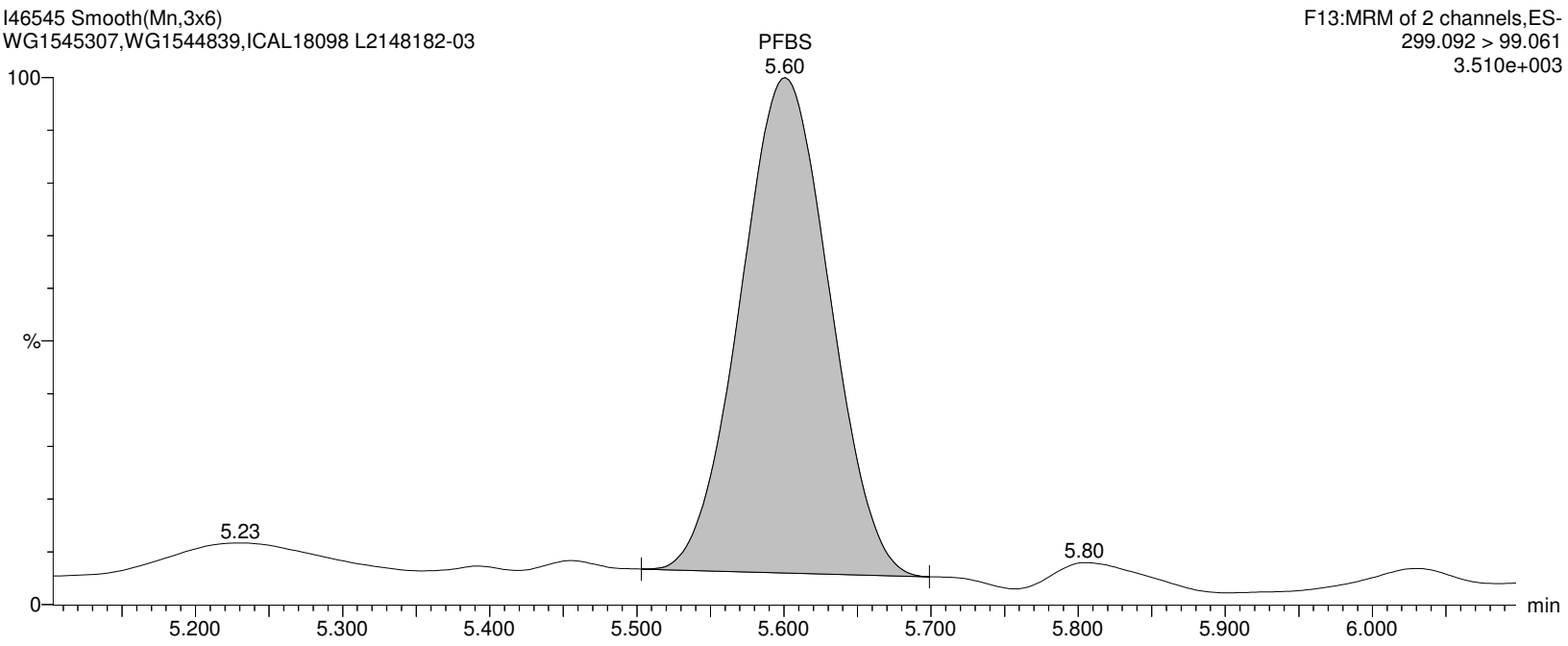
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:03 Eastern Daylight Time

Name: I46545
ID: L2148182-03
Date: 11-Sep-2021
Time: 18:21:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBS



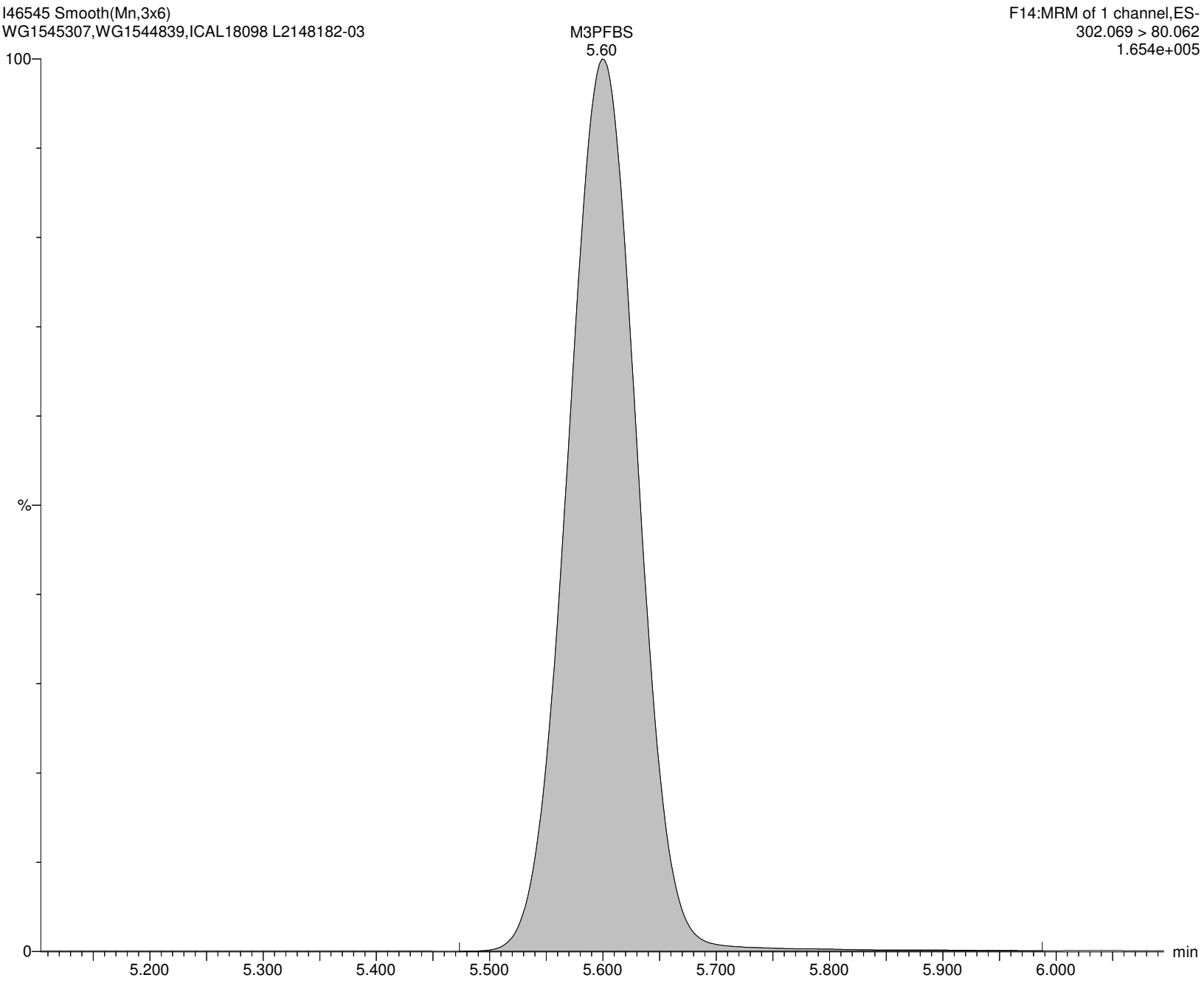


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:03 Eastern Daylight Time

Name: I46545
ID: L2148182-03
Date: 11-Sep-2021
Time: 18:21:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBS

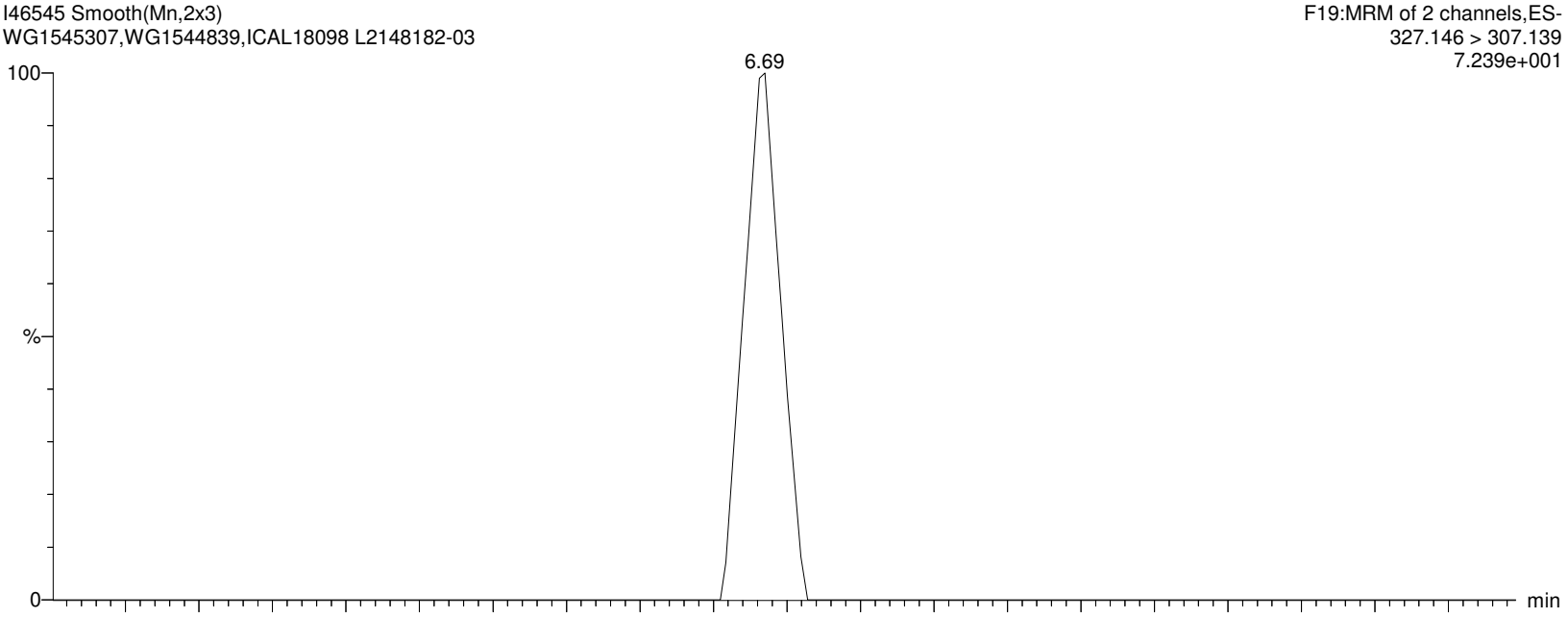


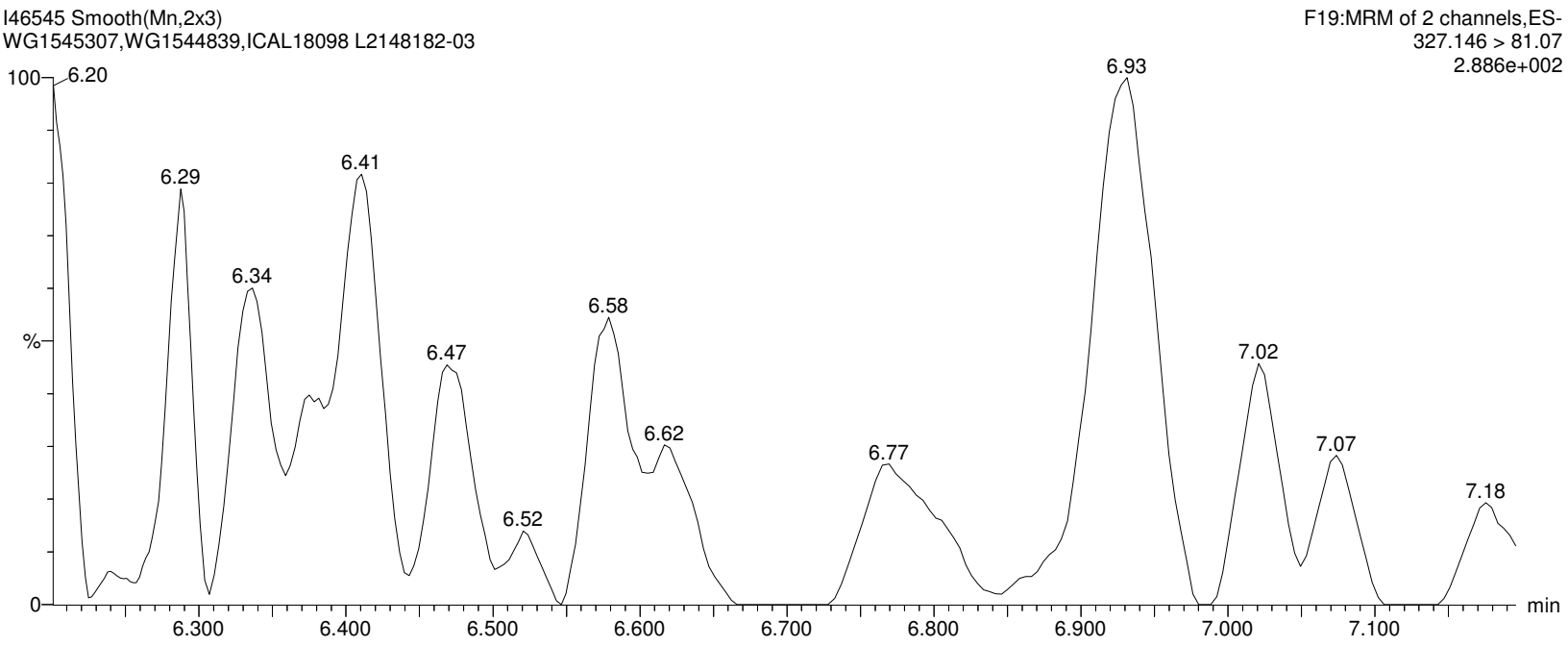
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:03 Eastern Daylight Time

Name: I46545
ID: L2148182-03
Date: 11-Sep-2021
Time: 18:21:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

4:2FTS



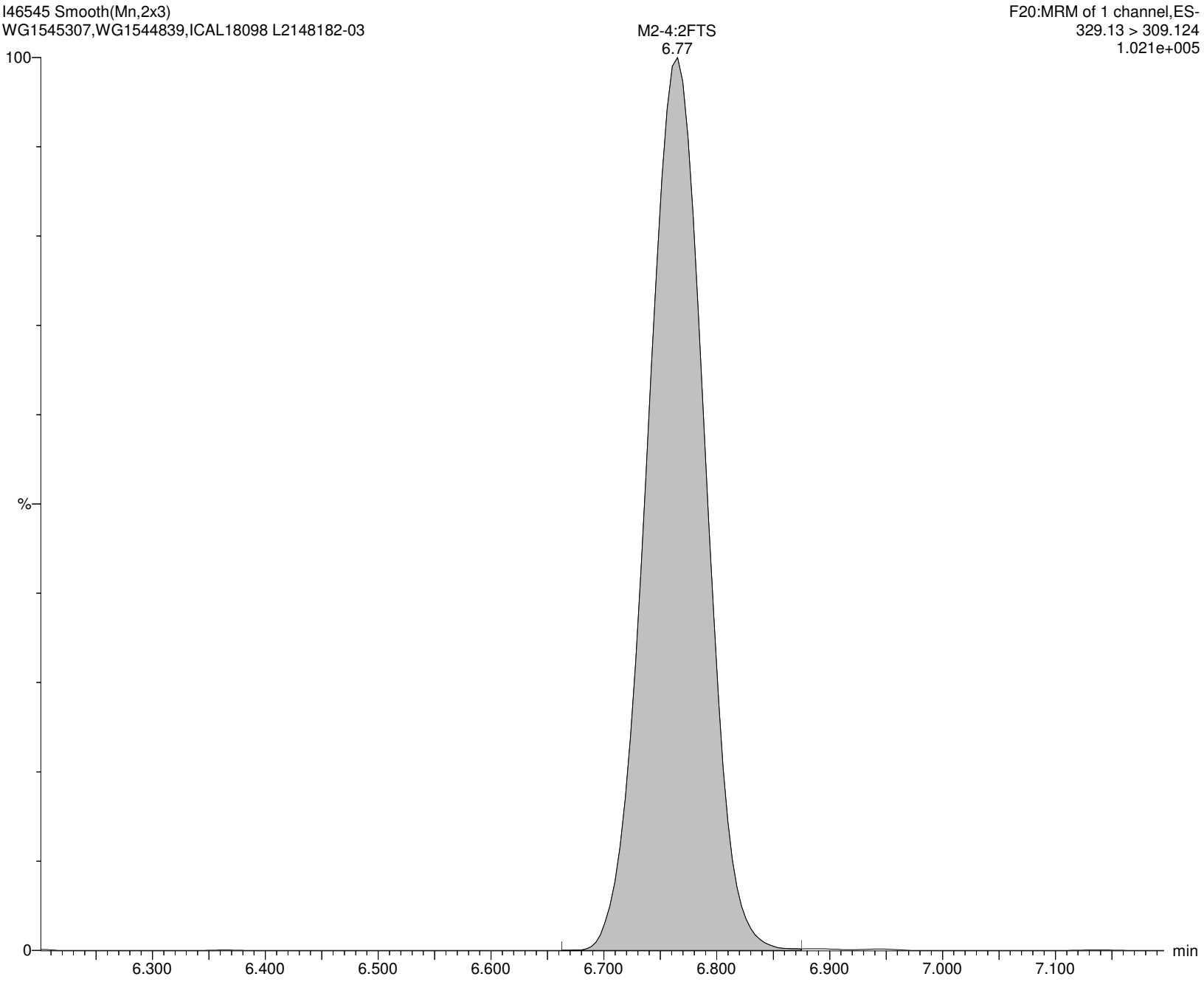


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:03 Eastern Daylight Time

Name: I46545
ID: L2148182-03
Date: 11-Sep-2021
Time: 18:21:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-4:2FTS

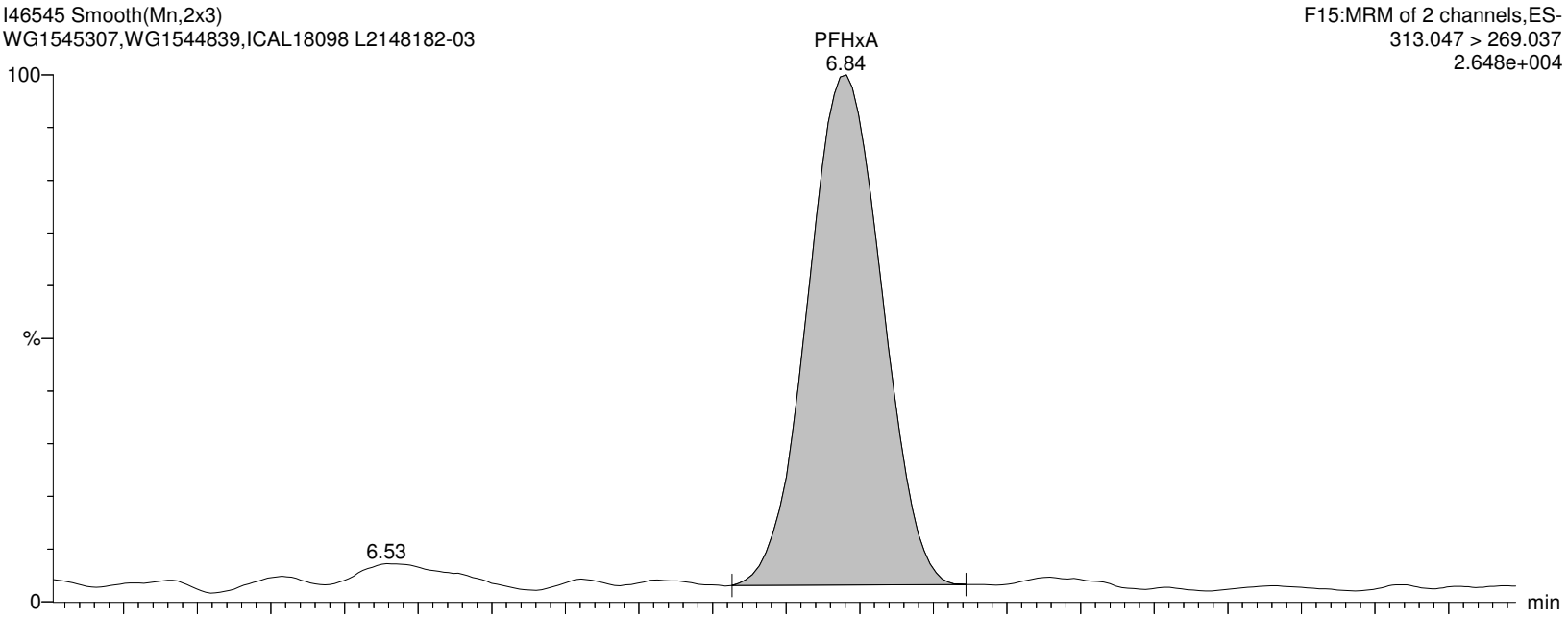


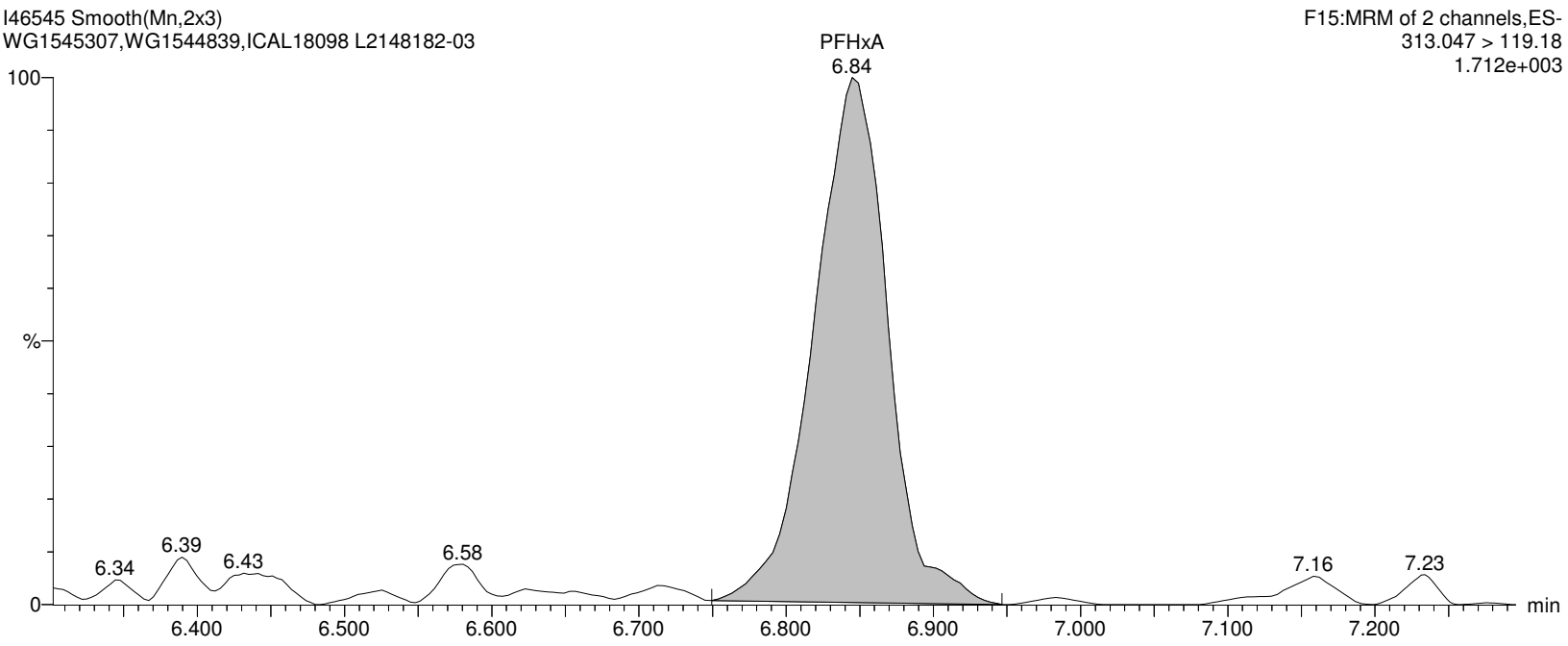
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:03 Eastern Daylight Time

Name: I46545
ID: L2148182-03
Date: 11-Sep-2021
Time: 18:21:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxA



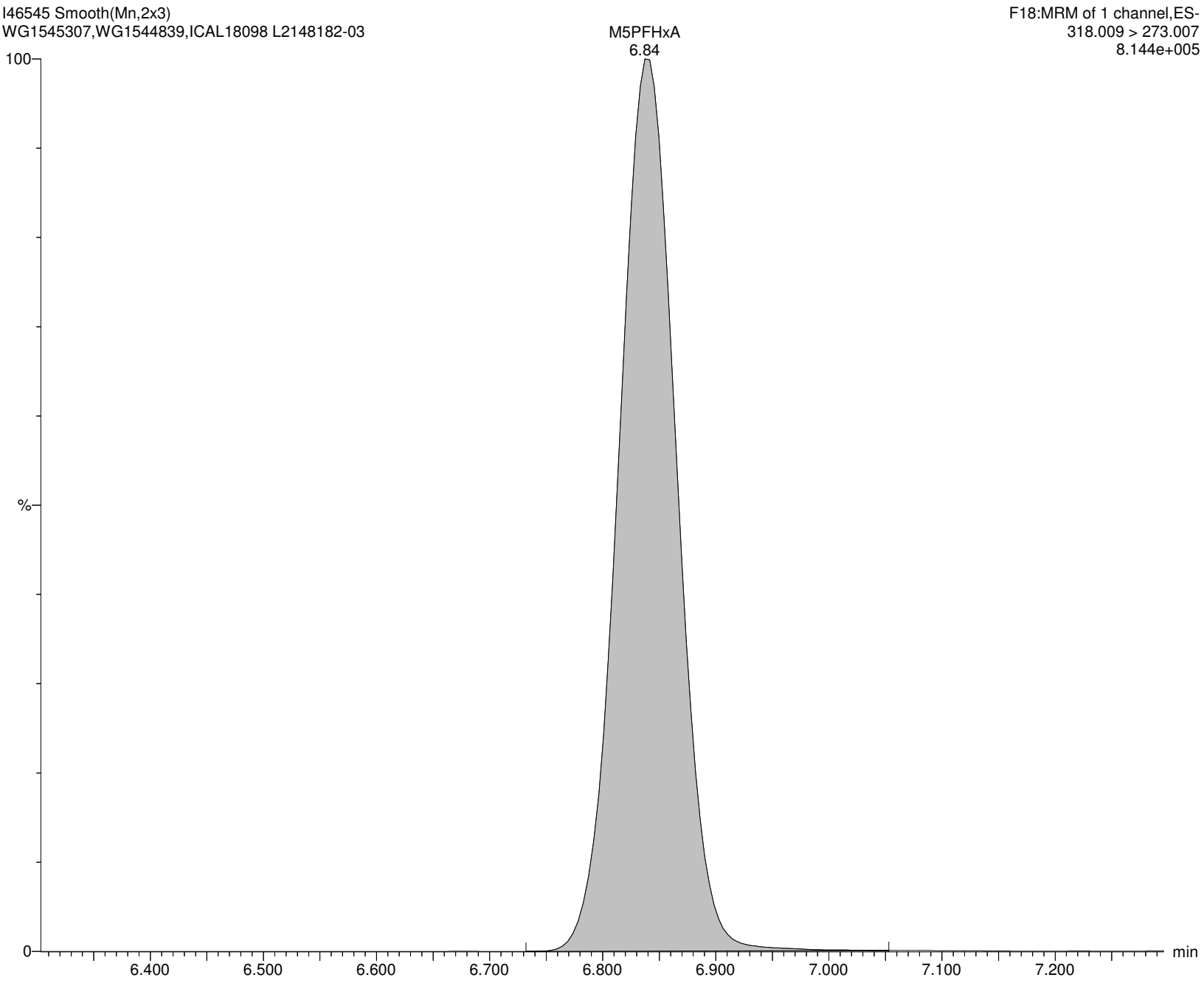


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:03 Eastern Daylight Time

Name: I46545
ID: L2148182-03
Date: 11-Sep-2021
Time: 18:21:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFHxA

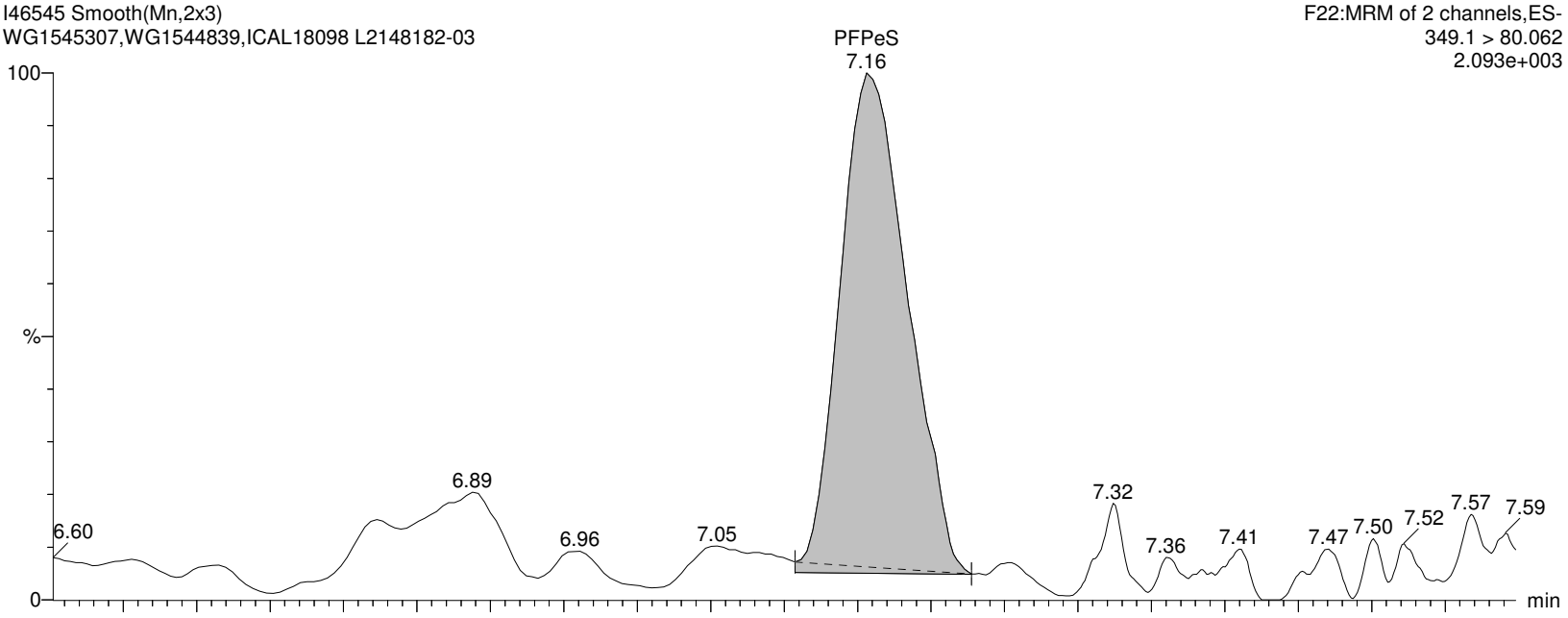


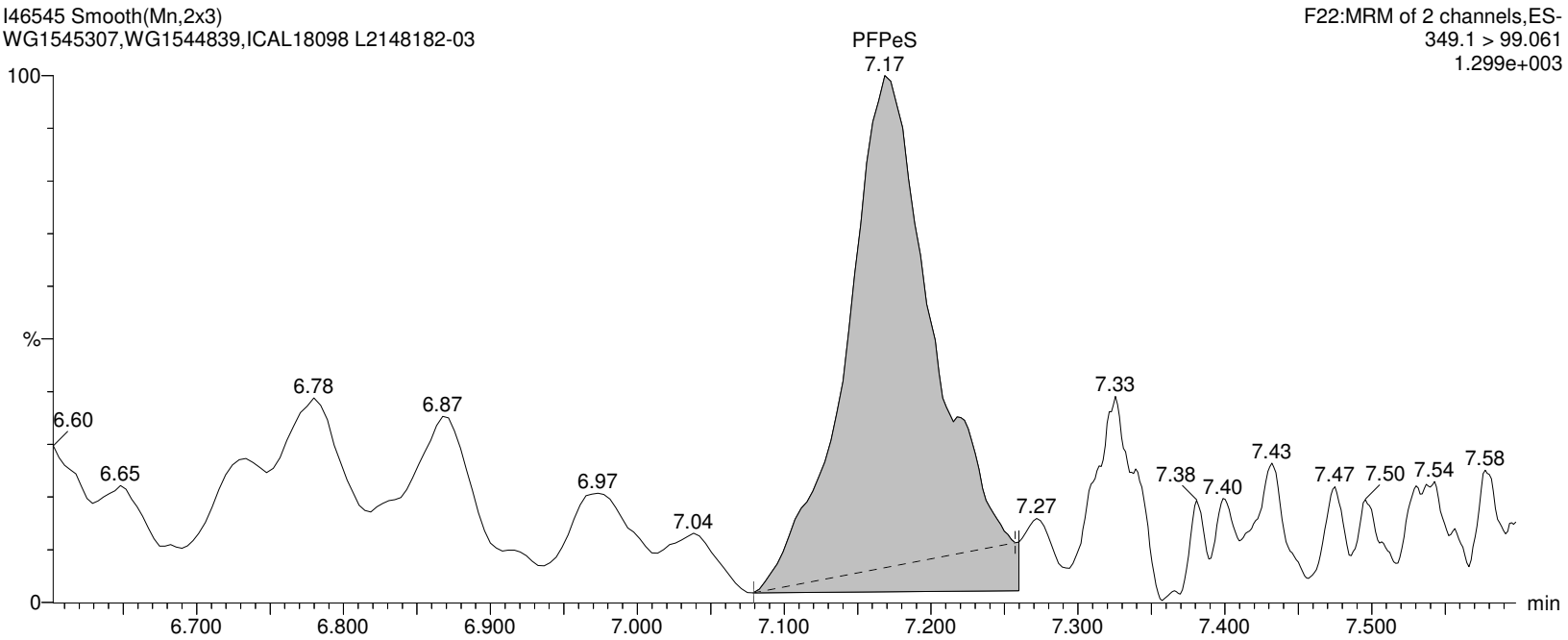
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:03 Eastern Daylight Time

Name: I46545
ID: L2148182-03
Date: 11-Sep-2021
Time: 18:21:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeS



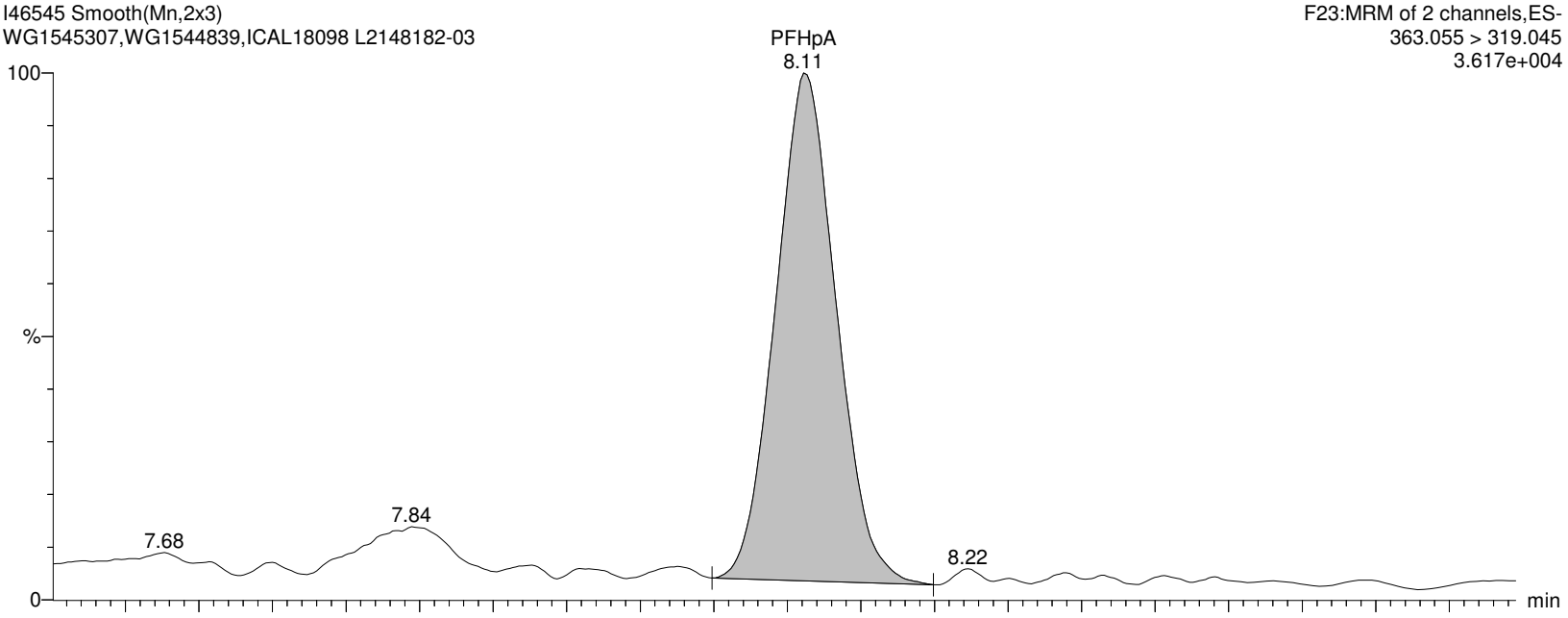


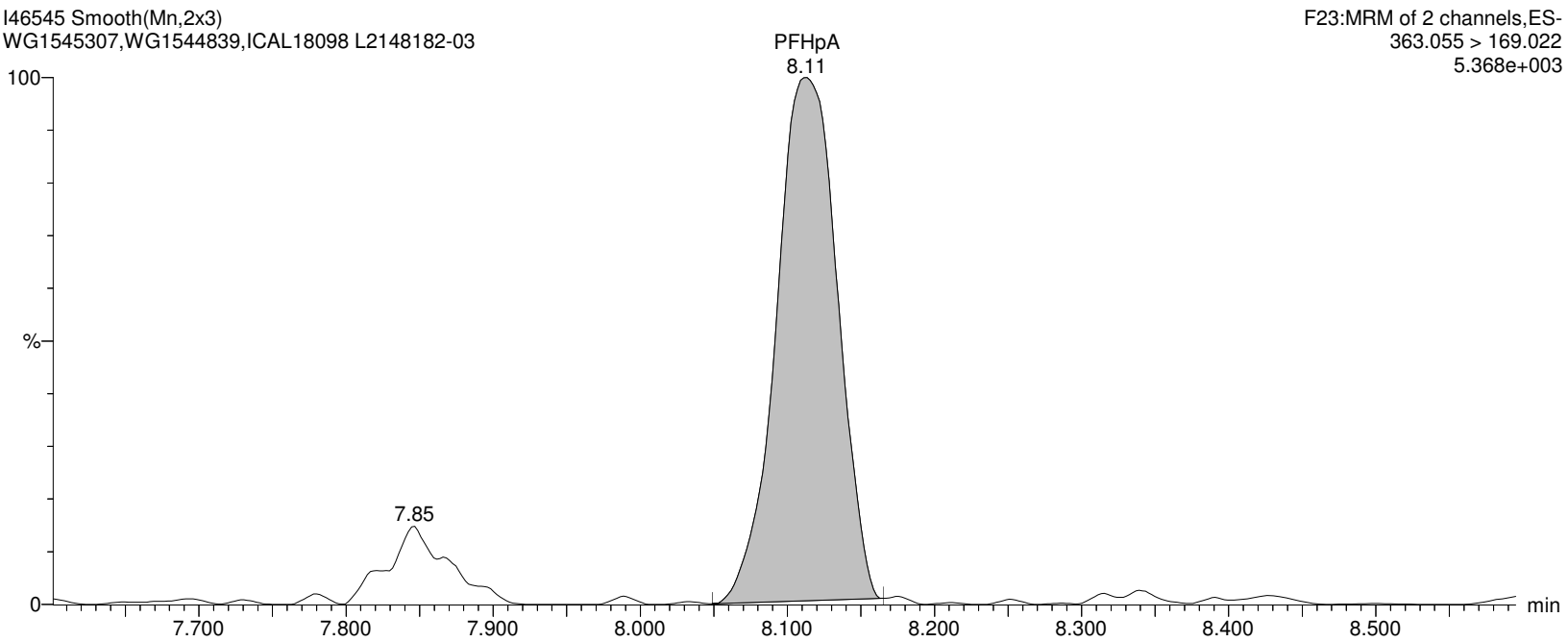
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:03 Eastern Daylight Time

Name: I46545
ID: L2148182-03
Date: 11-Sep-2021
Time: 18:21:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpA



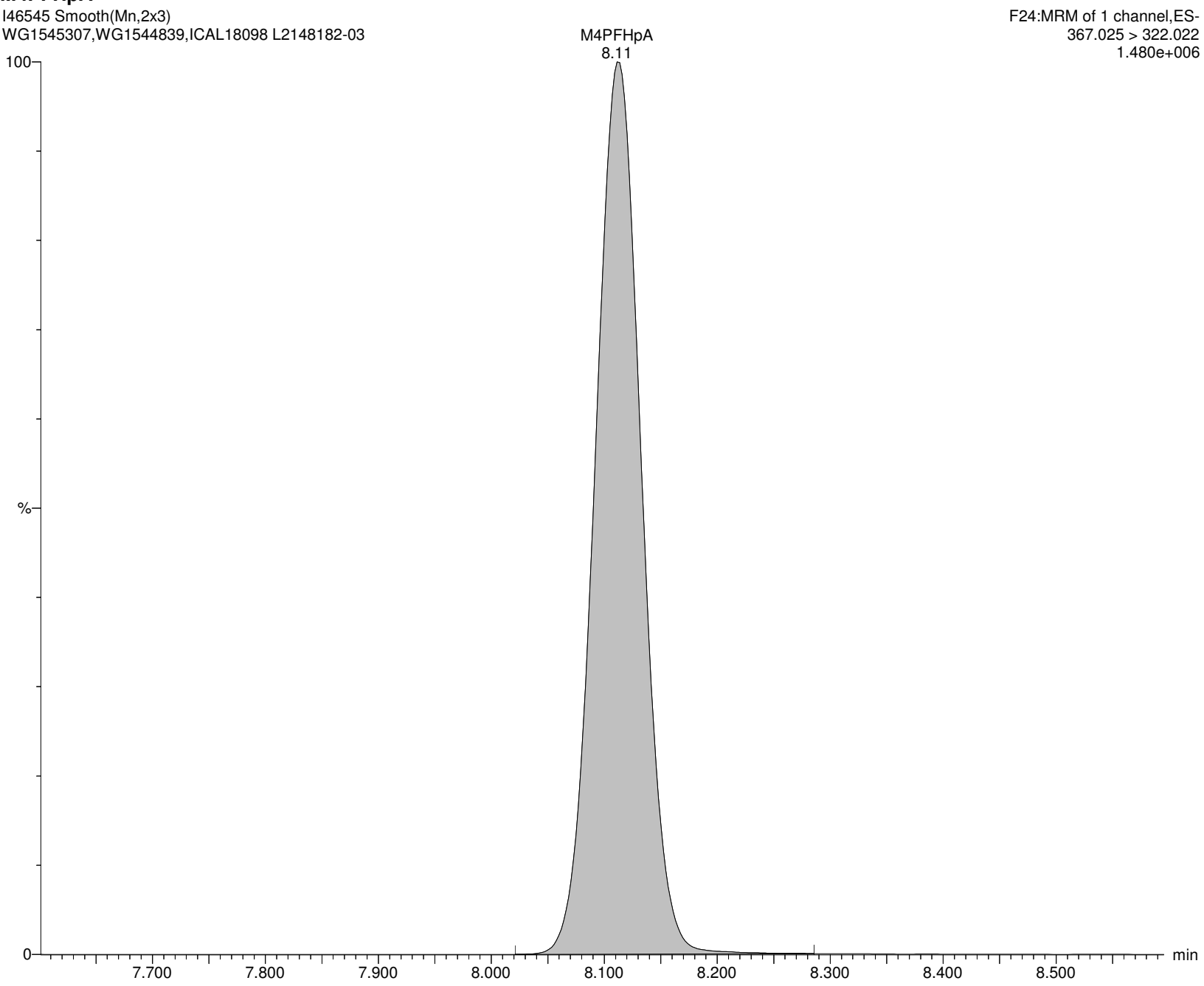


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:03 Eastern Daylight Time

Name: I46545
ID: L2148182-03
Date: 11-Sep-2021
Time: 18:21:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFHpA

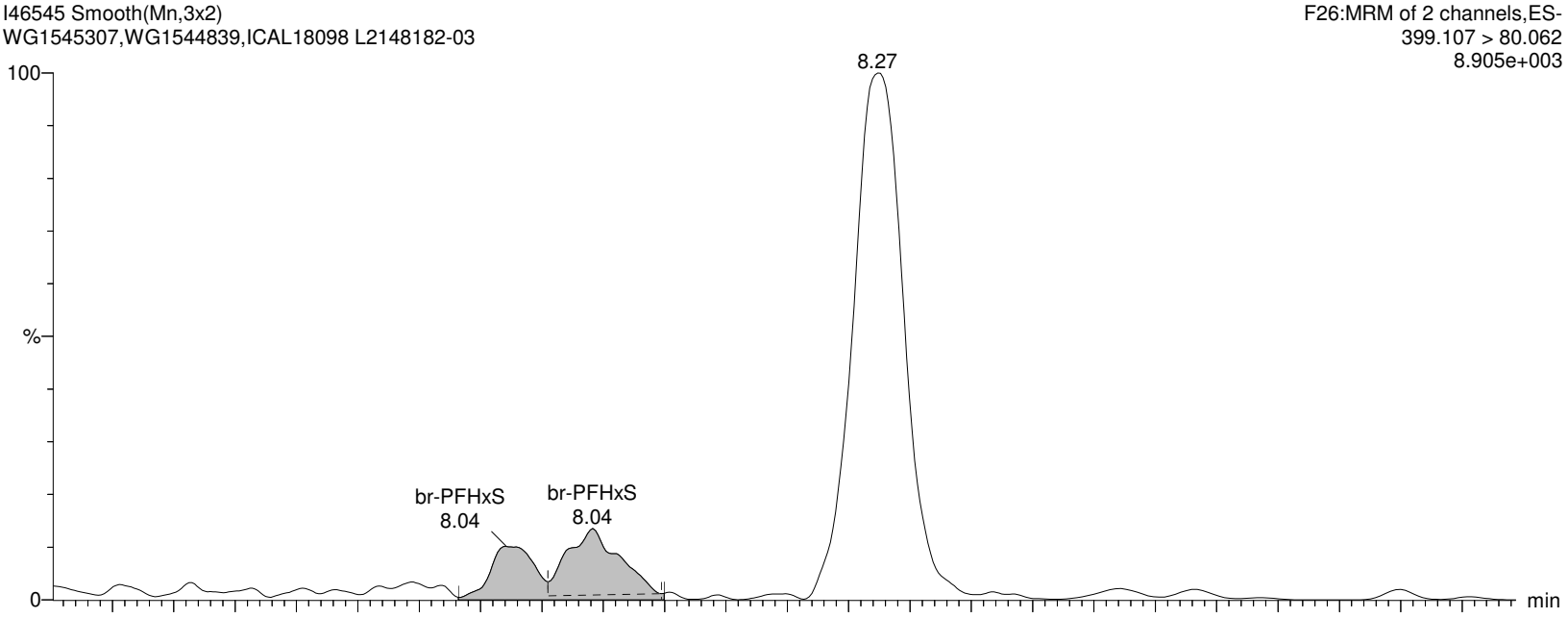


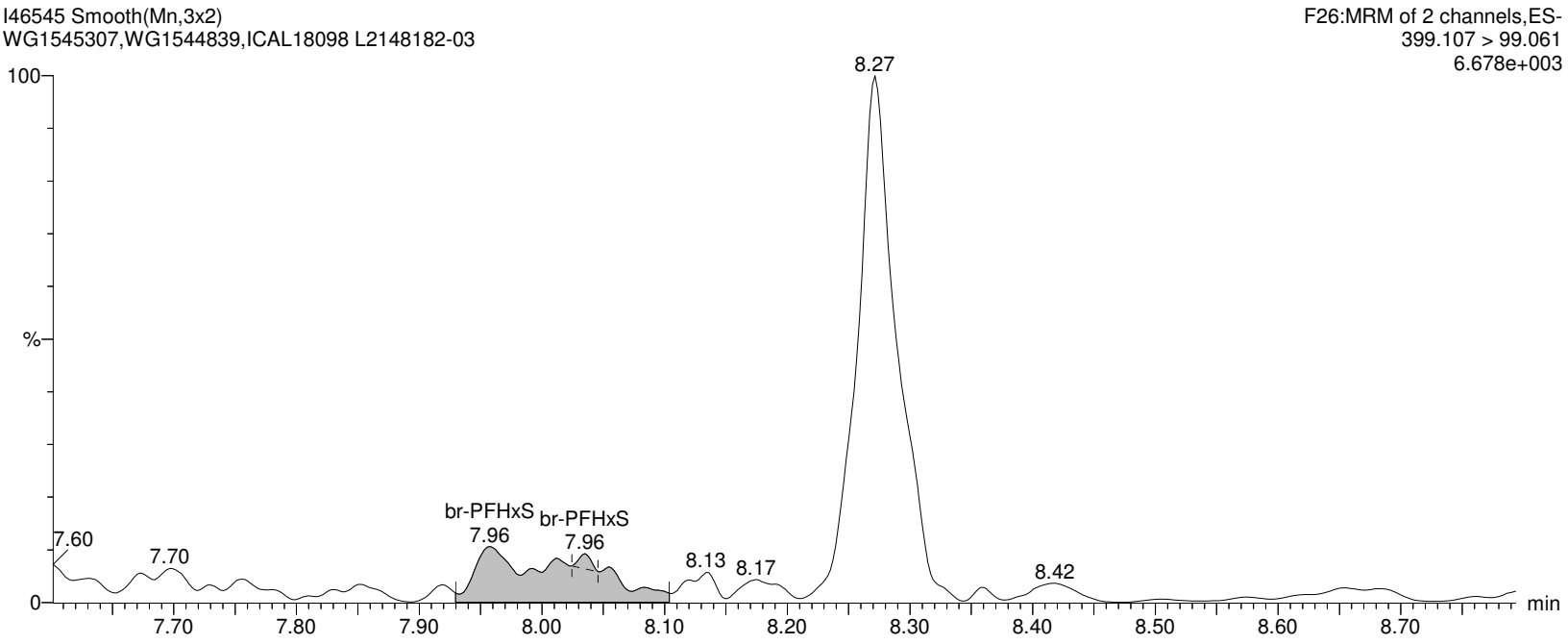
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:03 Eastern Daylight Time

Name: I46545
ID: L2148182-03
Date: 11-Sep-2021
Time: 18:21:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFHxS



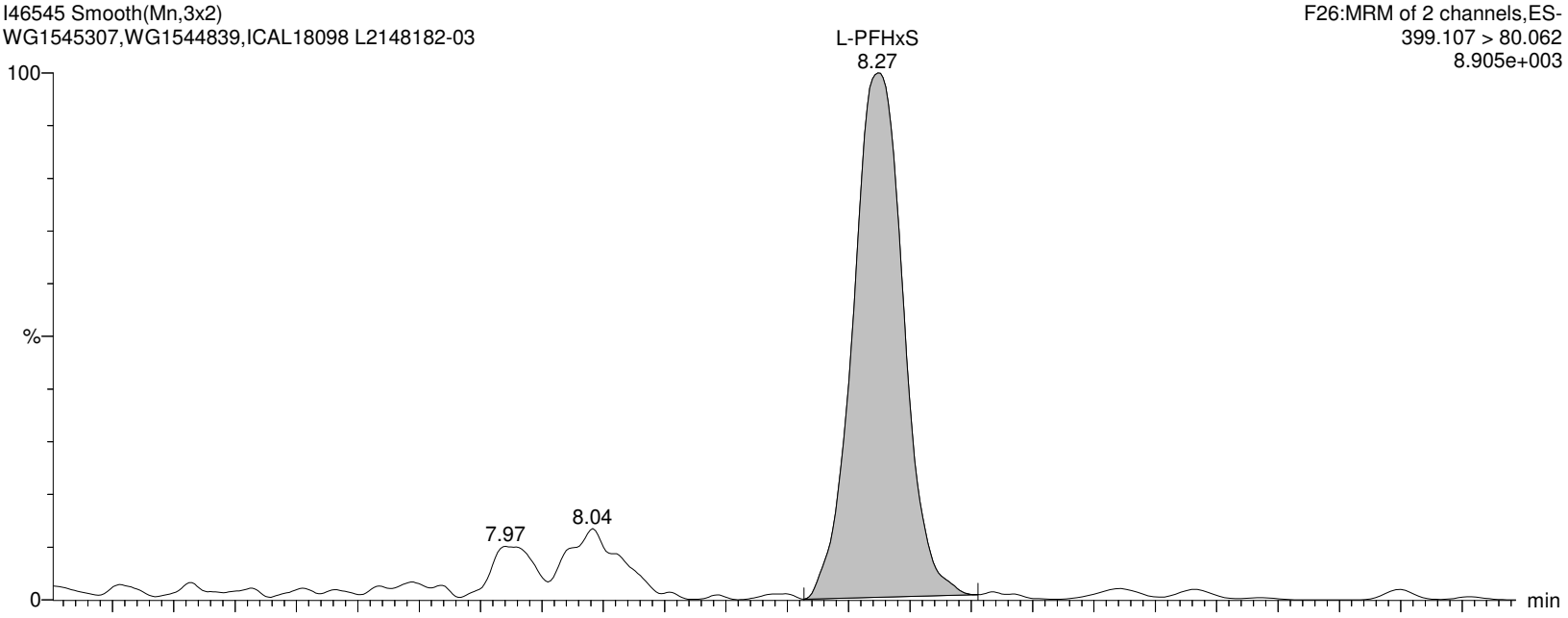


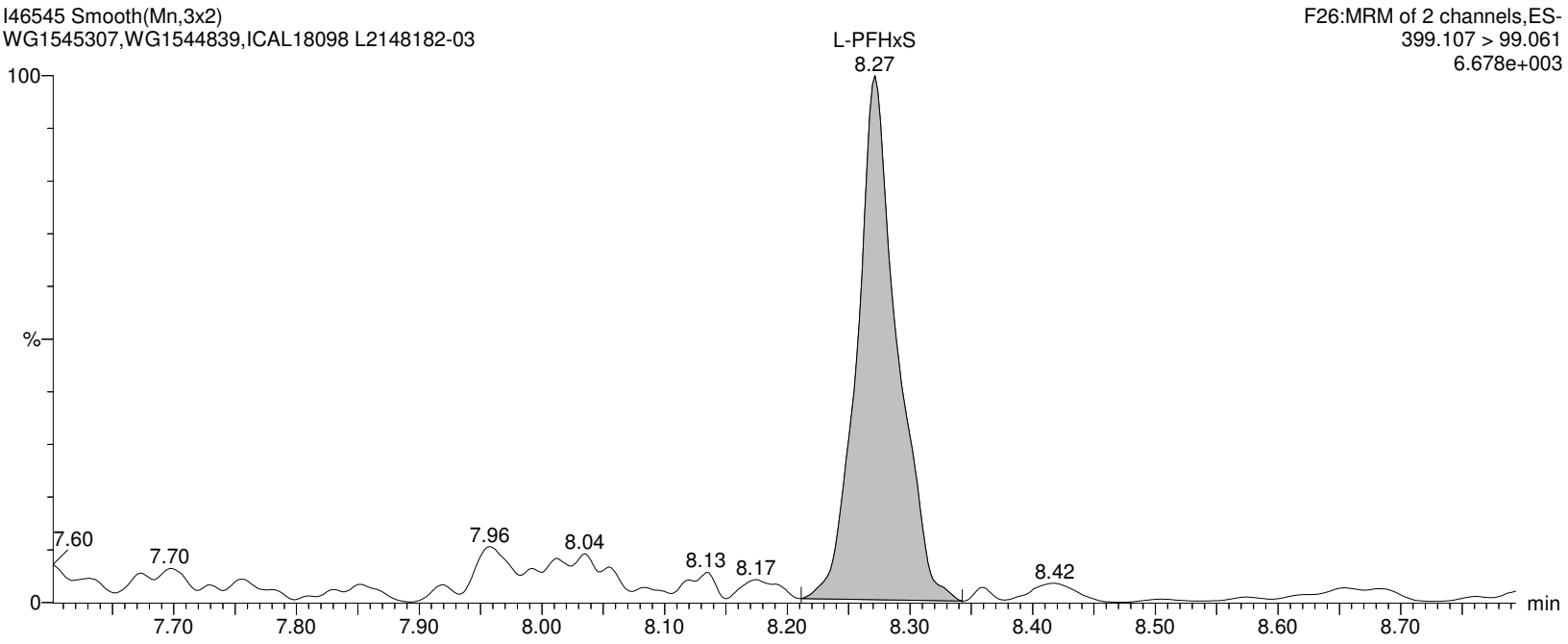
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:03 Eastern Daylight Time

Name: I46545
ID: L2148182-03
Date: 11-Sep-2021
Time: 18:21:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFHxS



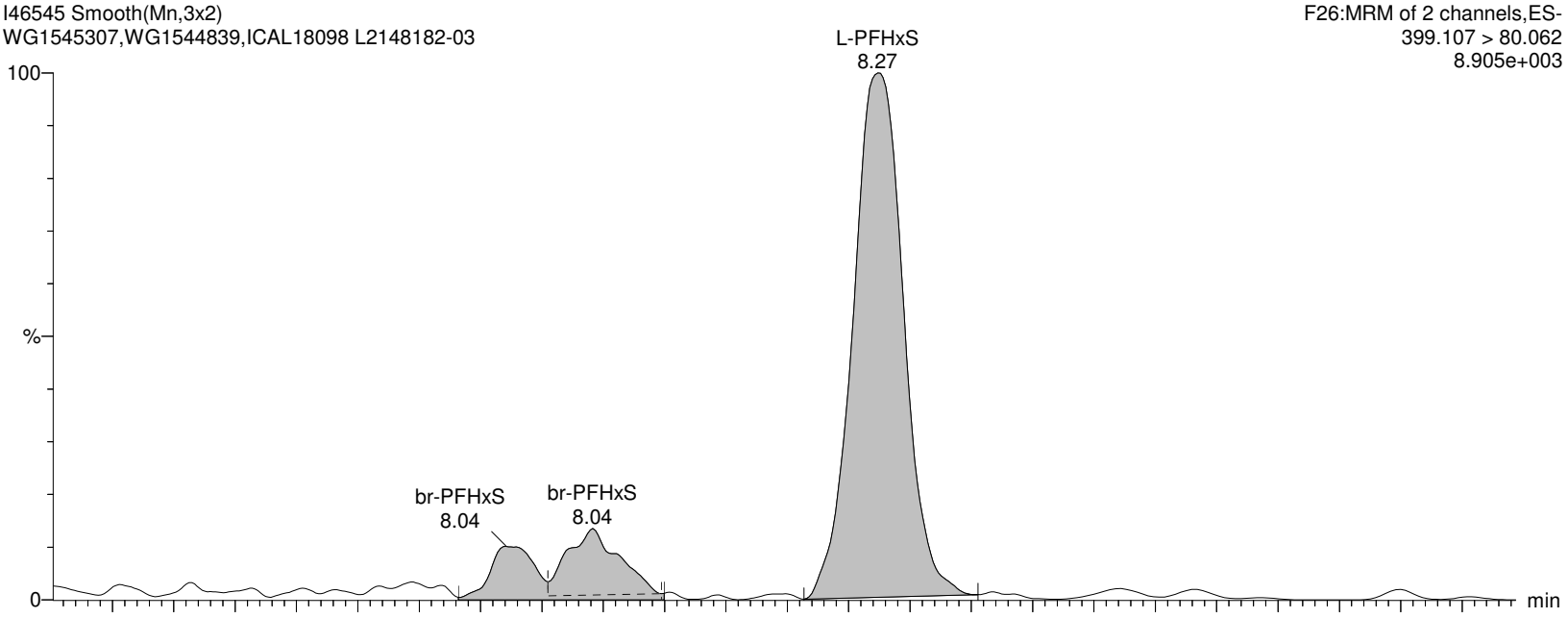


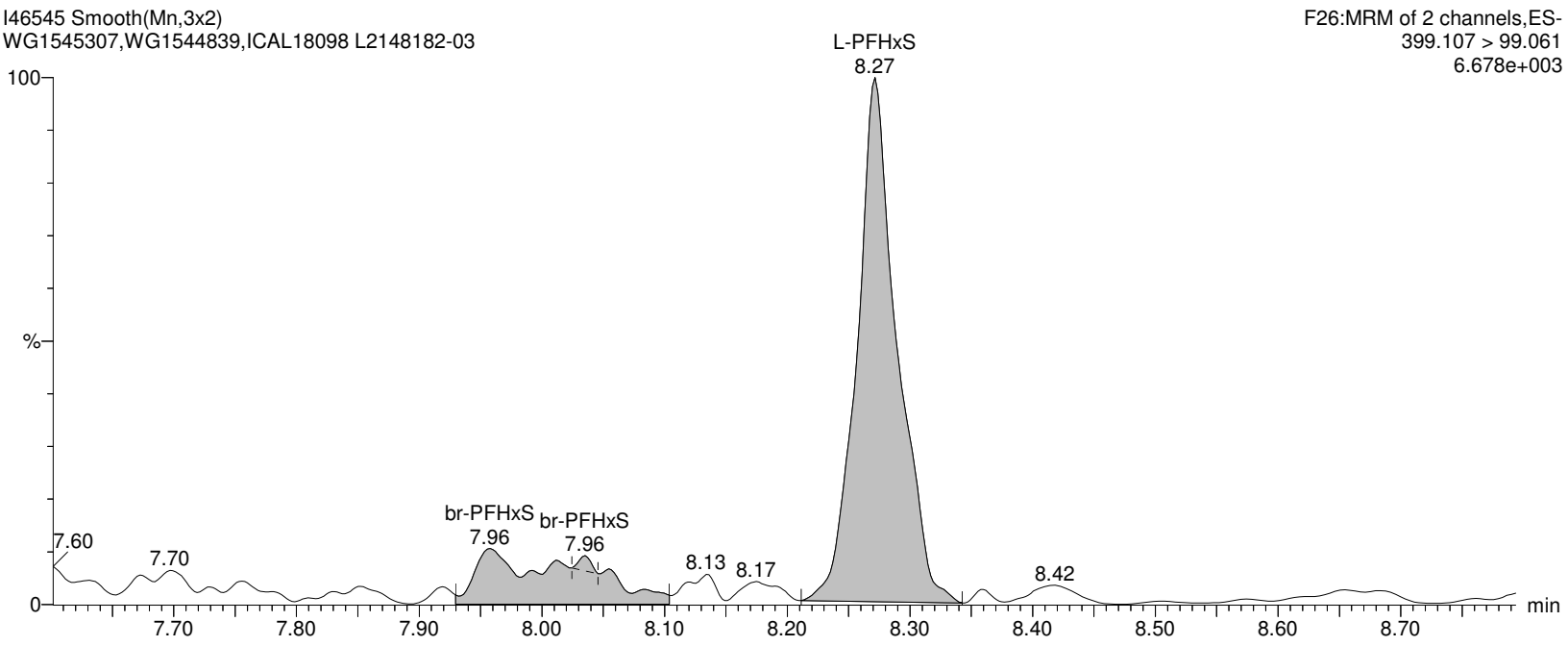
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:03 Eastern Daylight Time

Name: I46545
ID: L2148182-03
Date: 11-Sep-2021
Time: 18:21:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxS



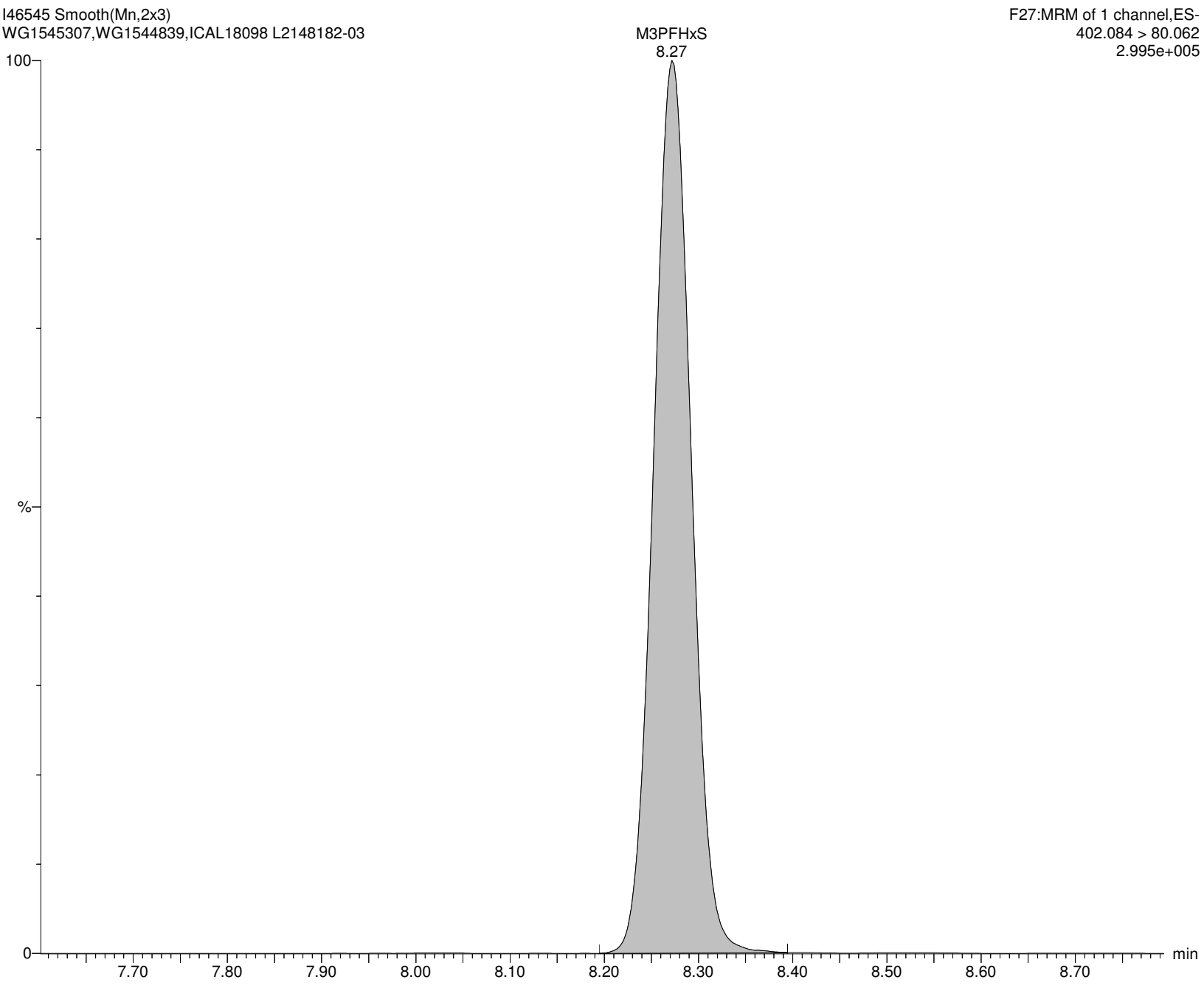


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:03 Eastern Daylight Time

Name: I46545
ID: L2148182-03
Date: 11-Sep-2021
Time: 18:21:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFHxS

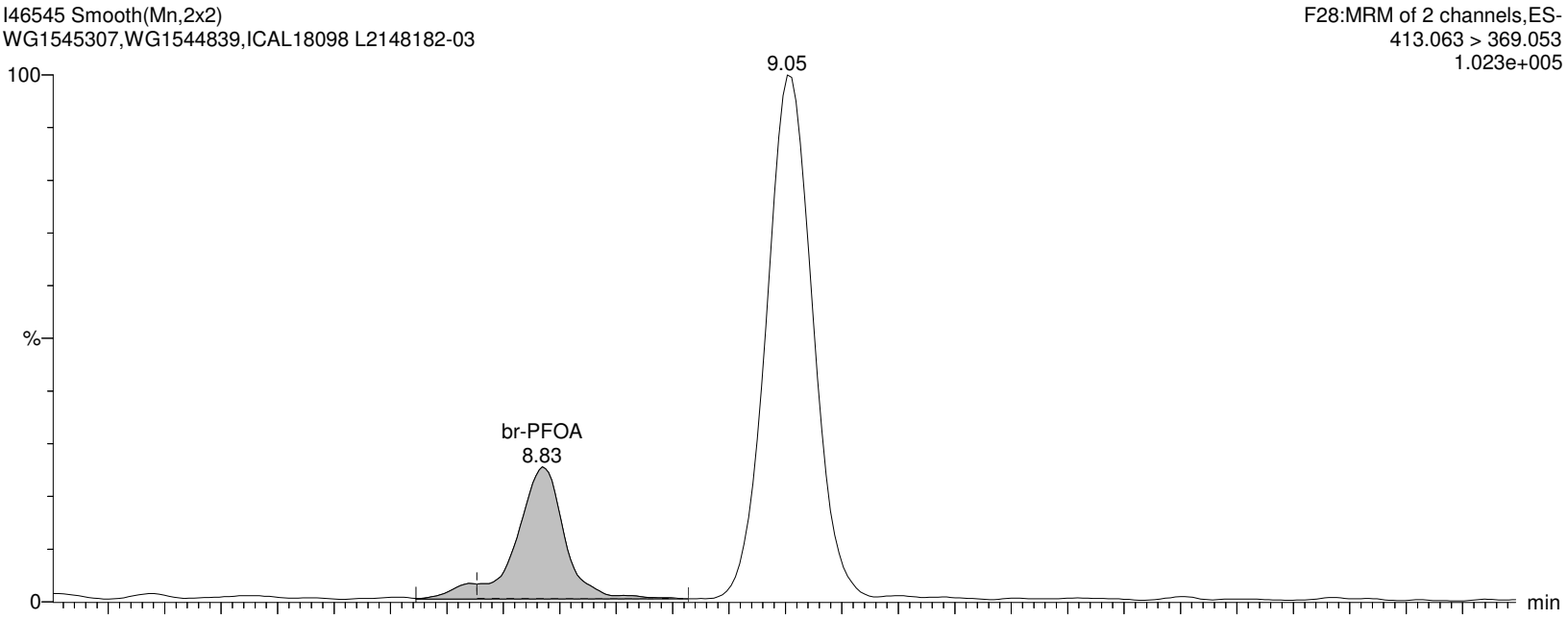


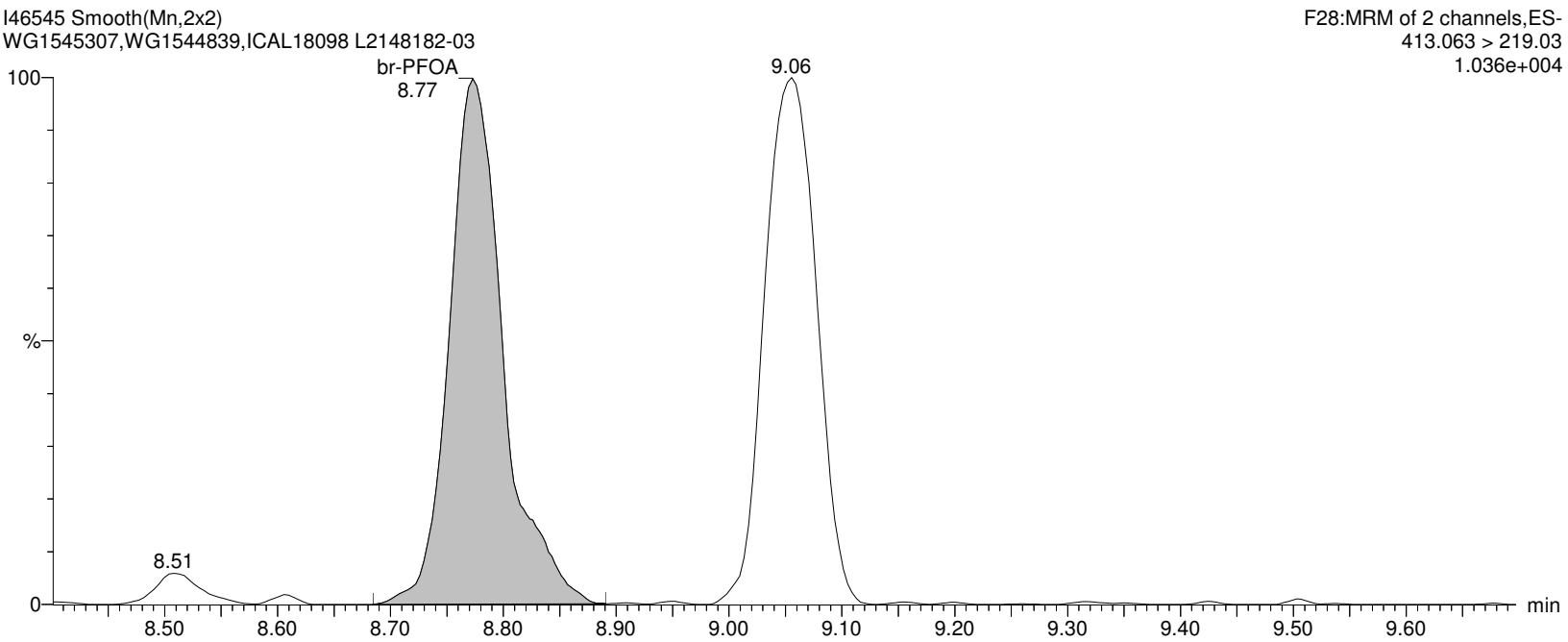
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:03 Eastern Daylight Time

Name: I46545
ID: L2148182-03
Date: 11-Sep-2021
Time: 18:21:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOA



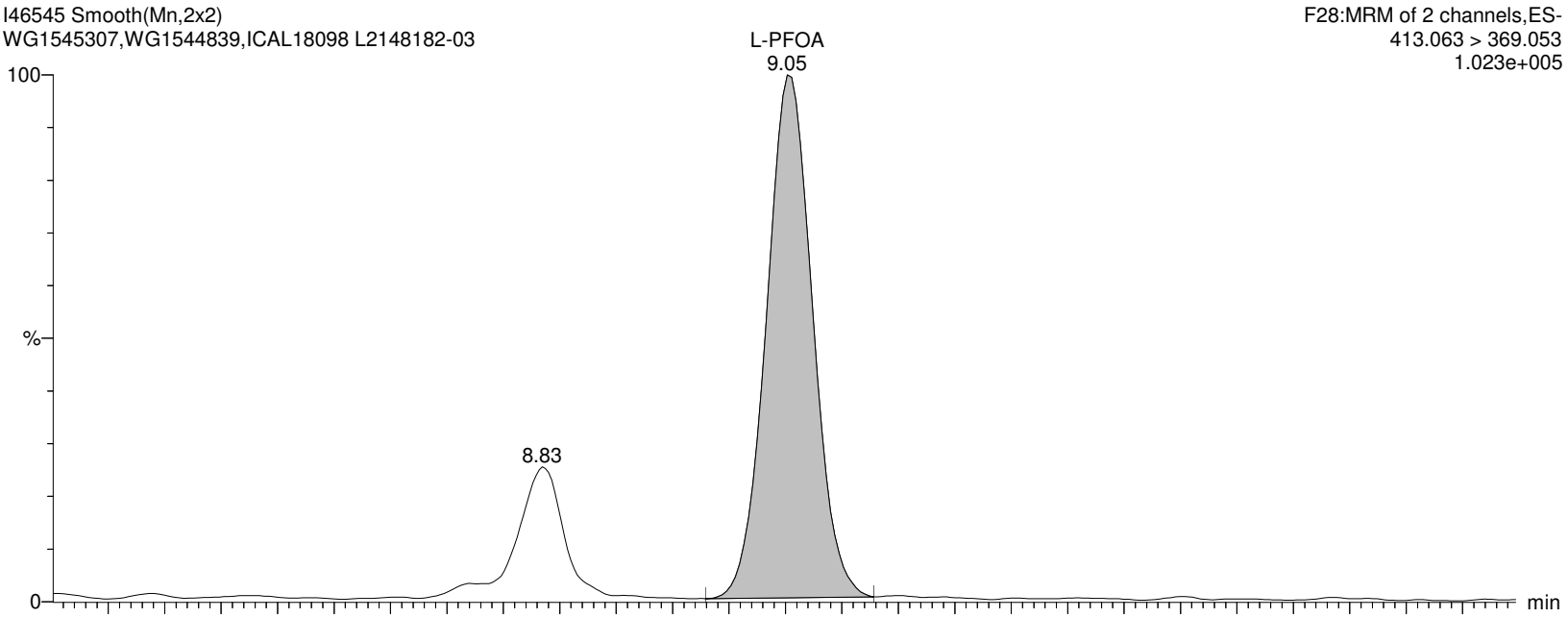


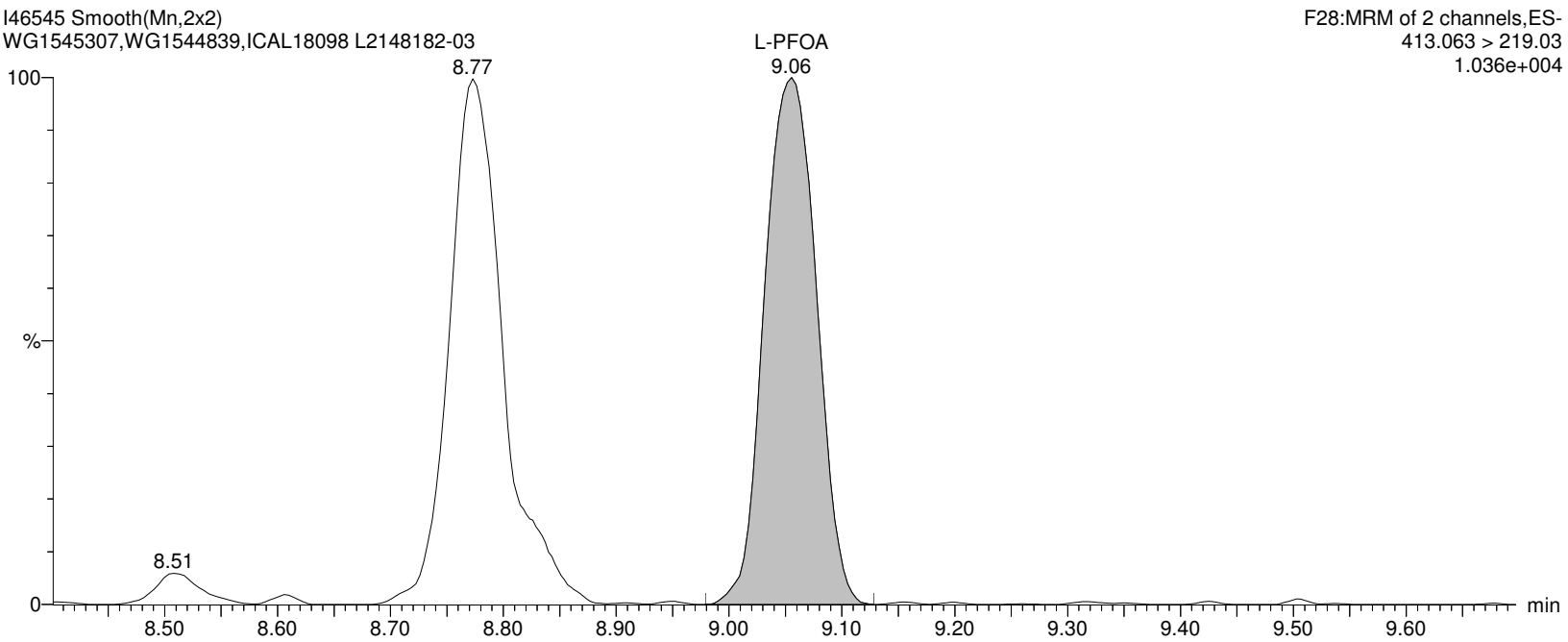
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:03 Eastern Daylight Time

Name: I46545
ID: L2148182-03
Date: 11-Sep-2021
Time: 18:21:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOA



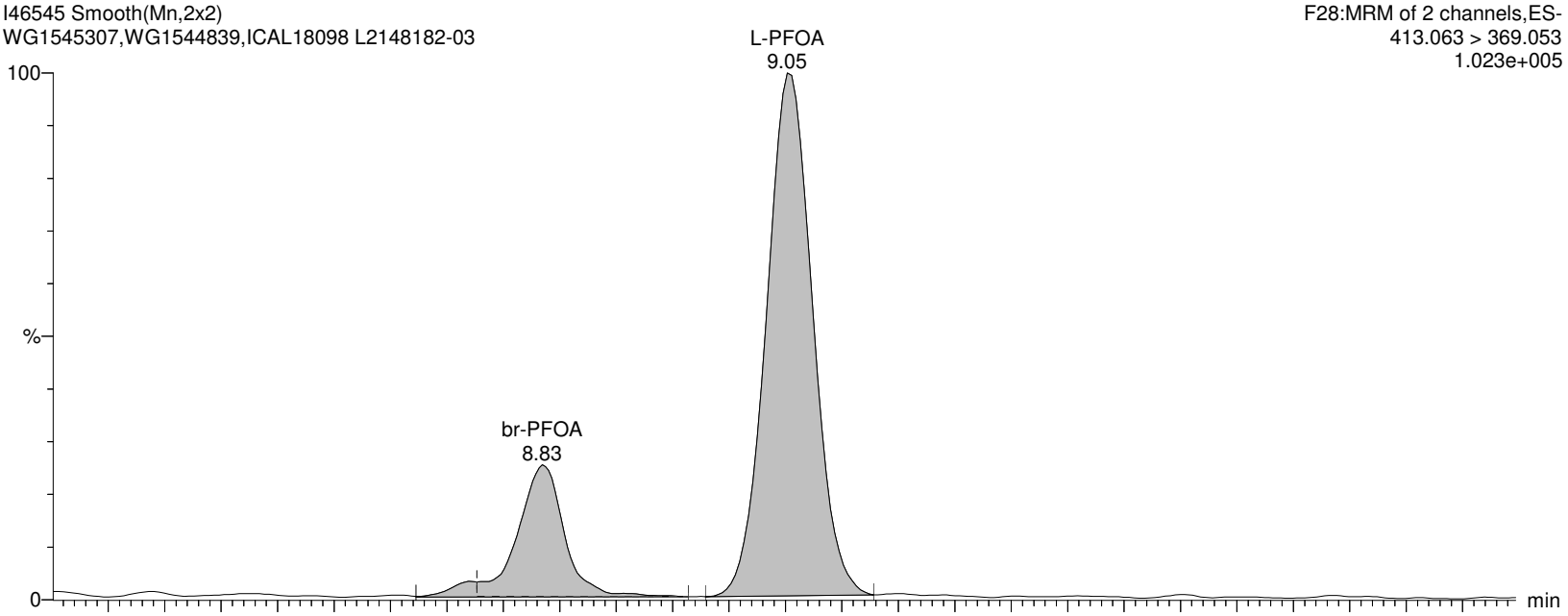


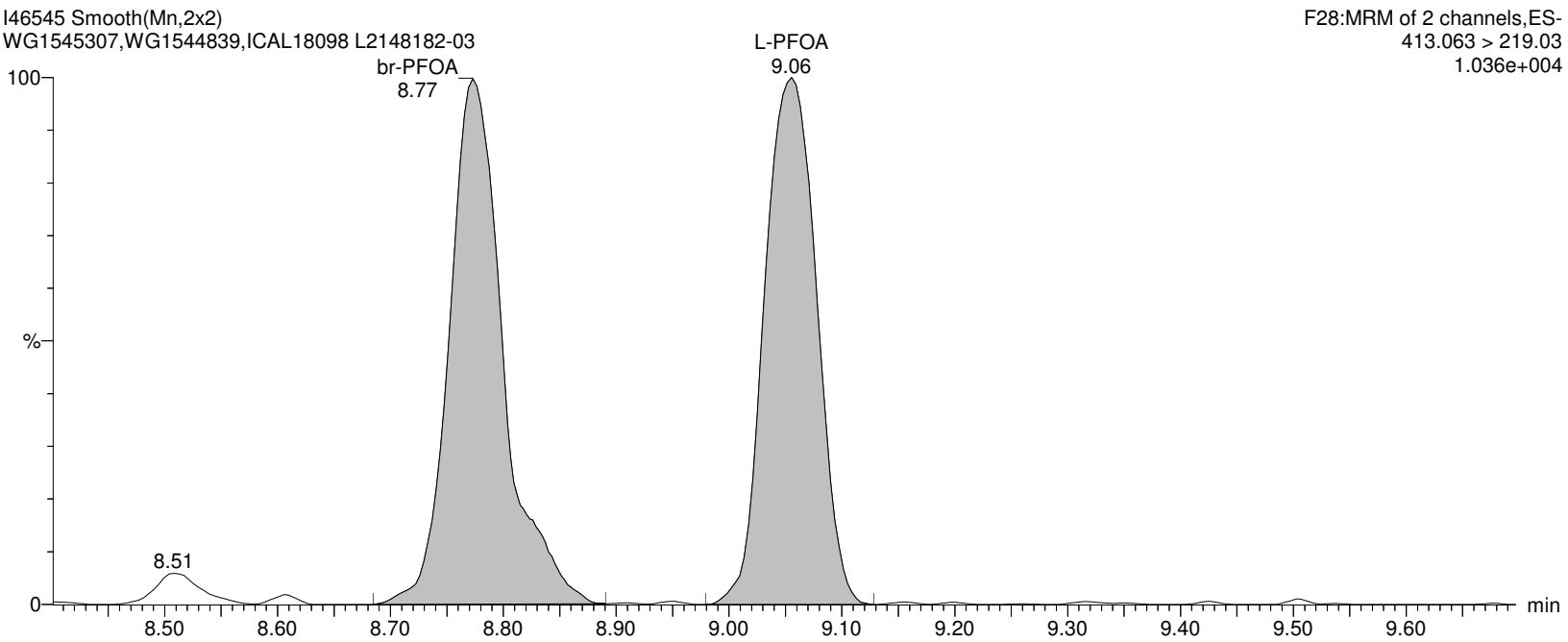
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:03 Eastern Daylight Time

Name: I46545
ID: L2148182-03
Date: 11-Sep-2021
Time: 18:21:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOA



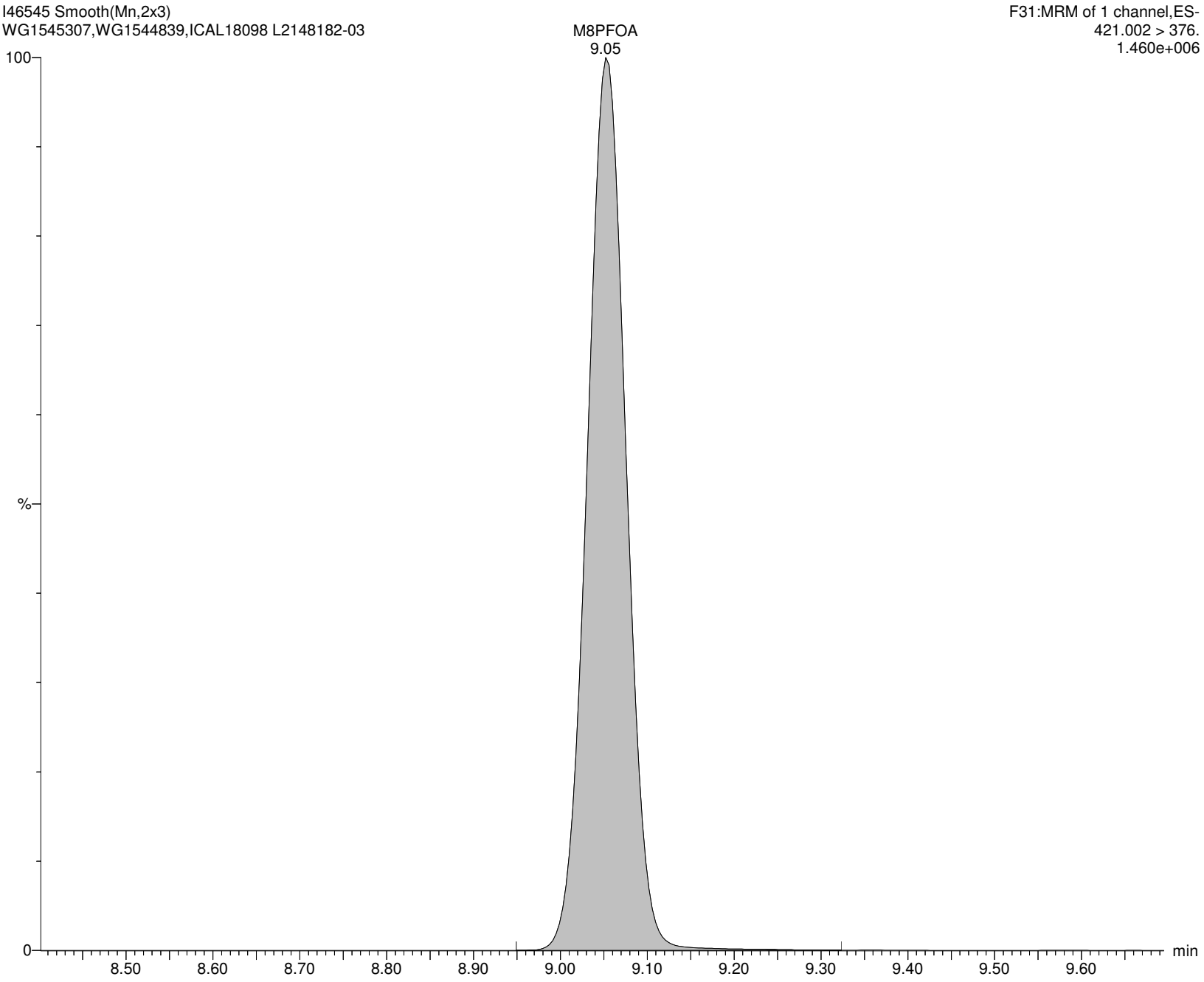


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:03 Eastern Daylight Time

Name: I46545
ID: L2148182-03
Date: 11-Sep-2021
Time: 18:21:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOA

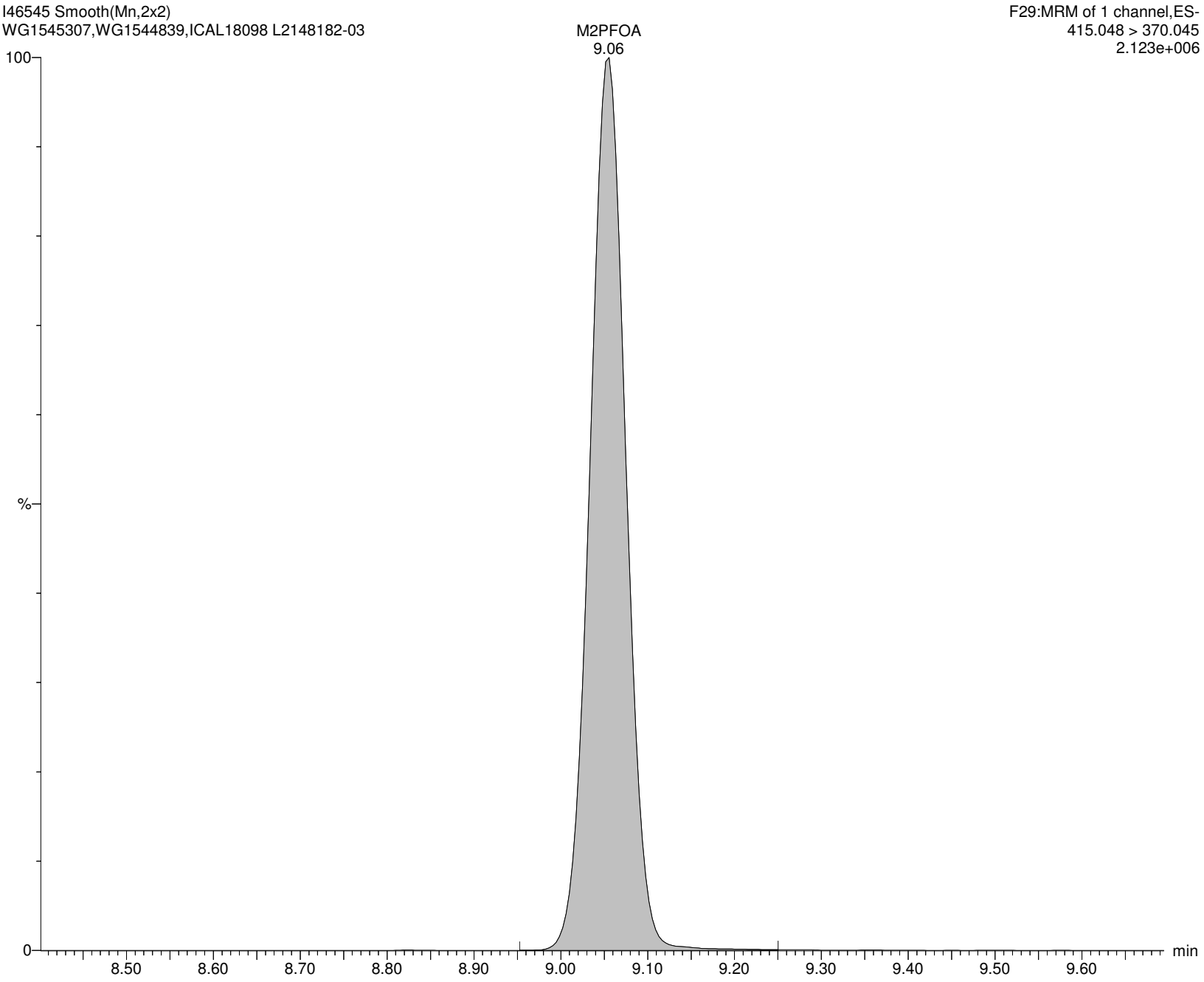


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:03 Eastern Daylight Time

Name: I46545
ID: L2148182-03
Date: 11-Sep-2021
Time: 18:21:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFOA

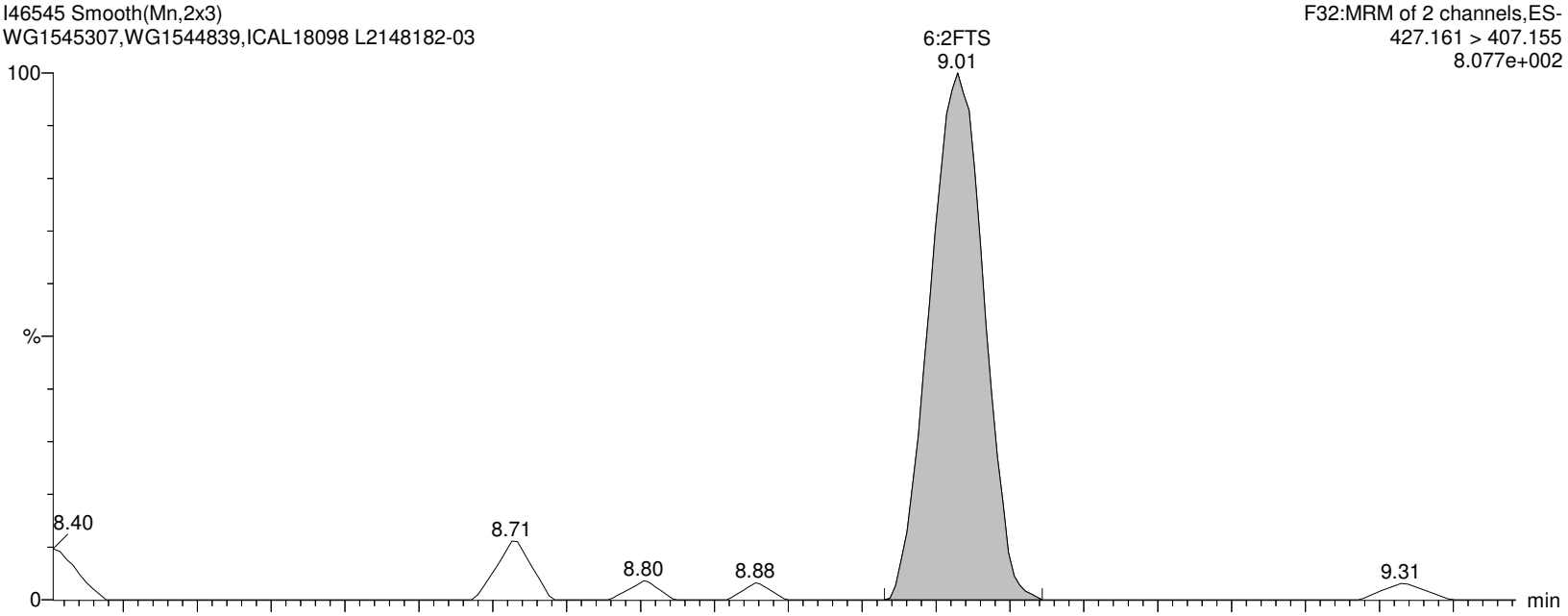


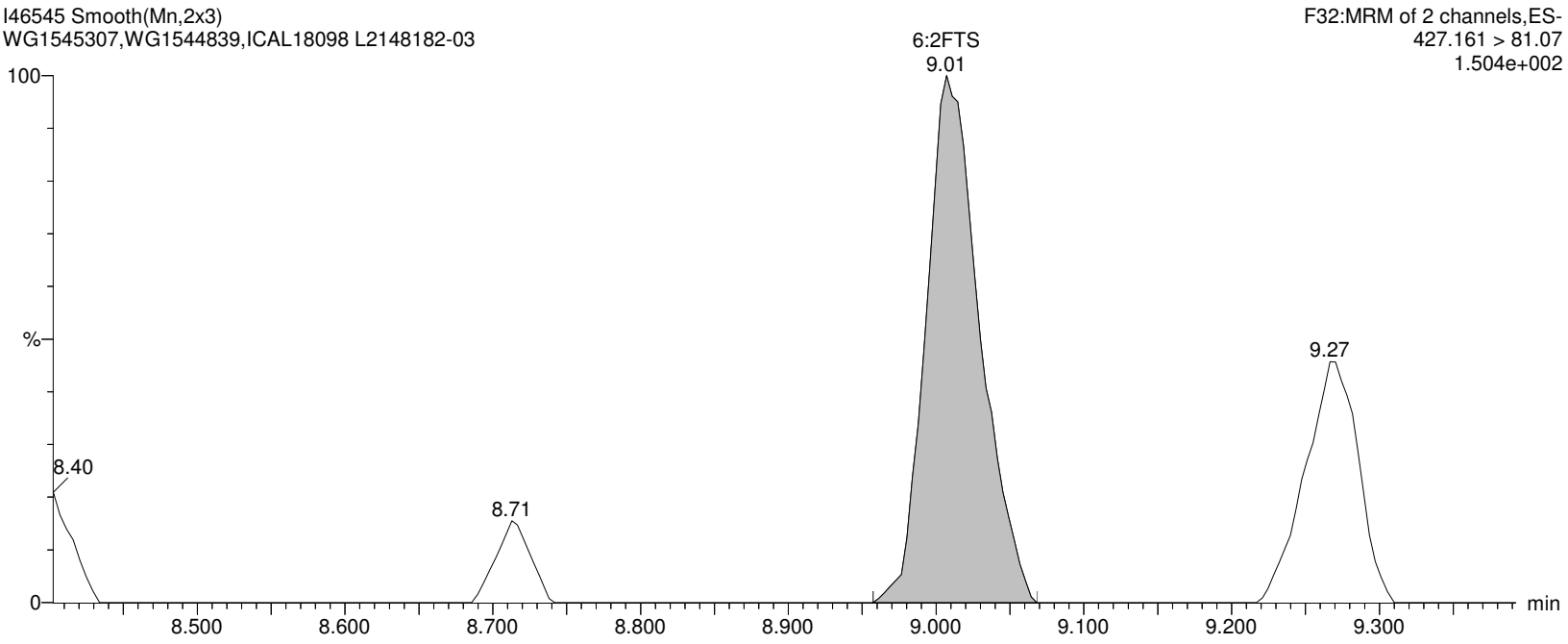
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:03 Eastern Daylight Time

Name: I46545
ID: L2148182-03
Date: 11-Sep-2021
Time: 18:21:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

6:2FTS



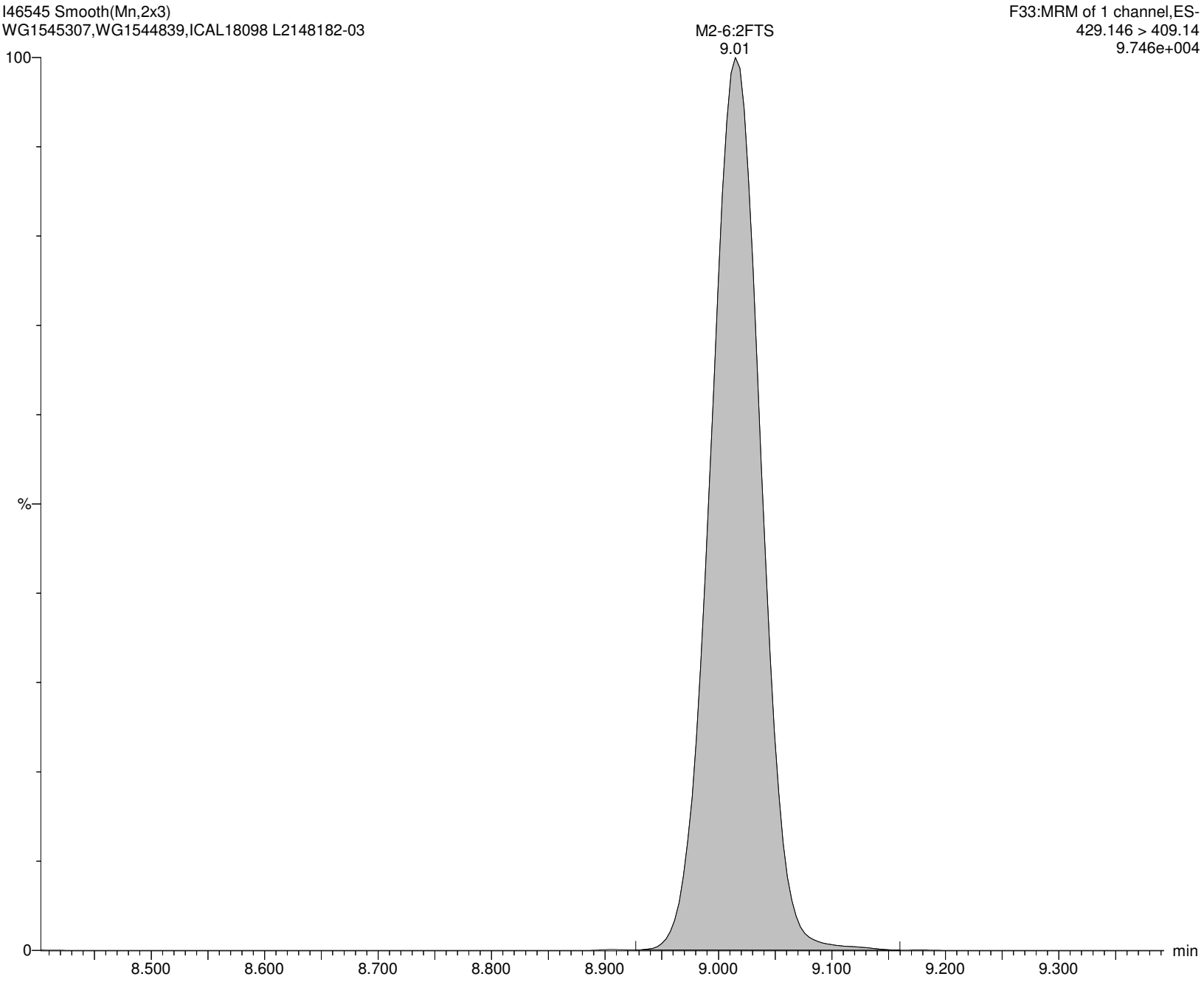


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:03 Eastern Daylight Time

Name: I46545
ID: L2148182-03
Date: 11-Sep-2021
Time: 18:21:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-6:2FTS

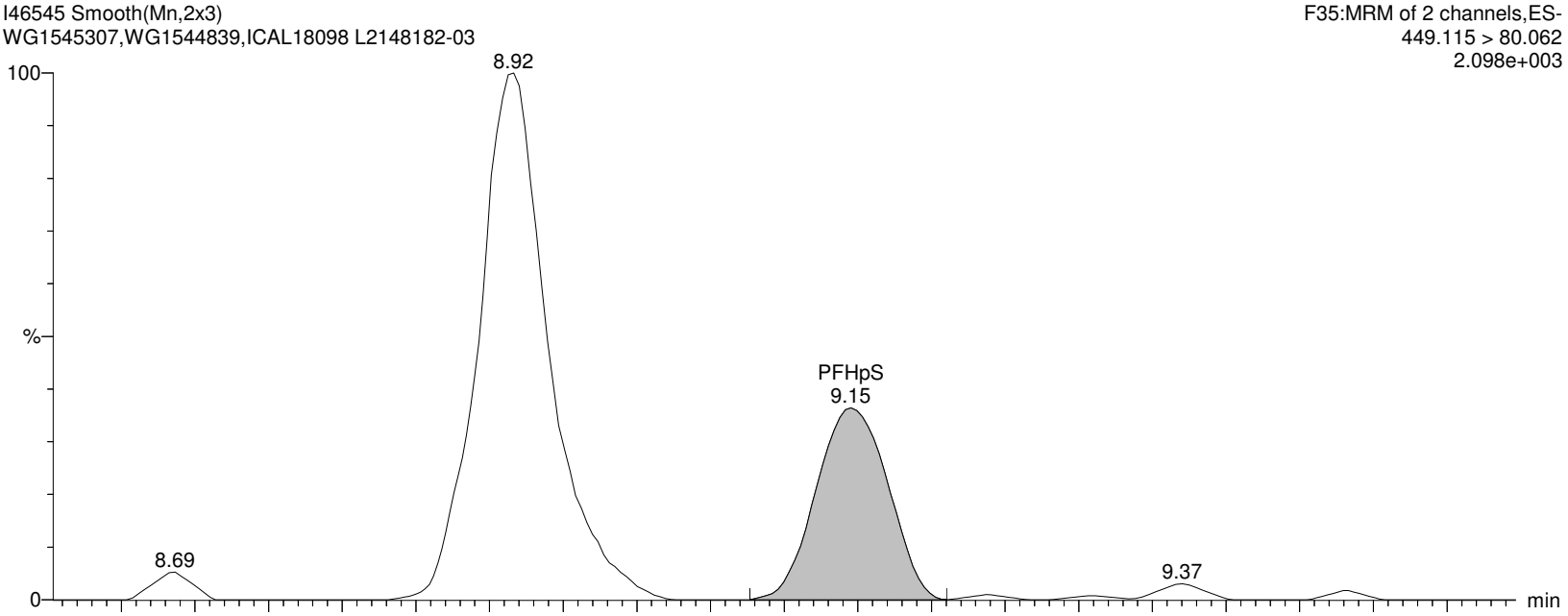


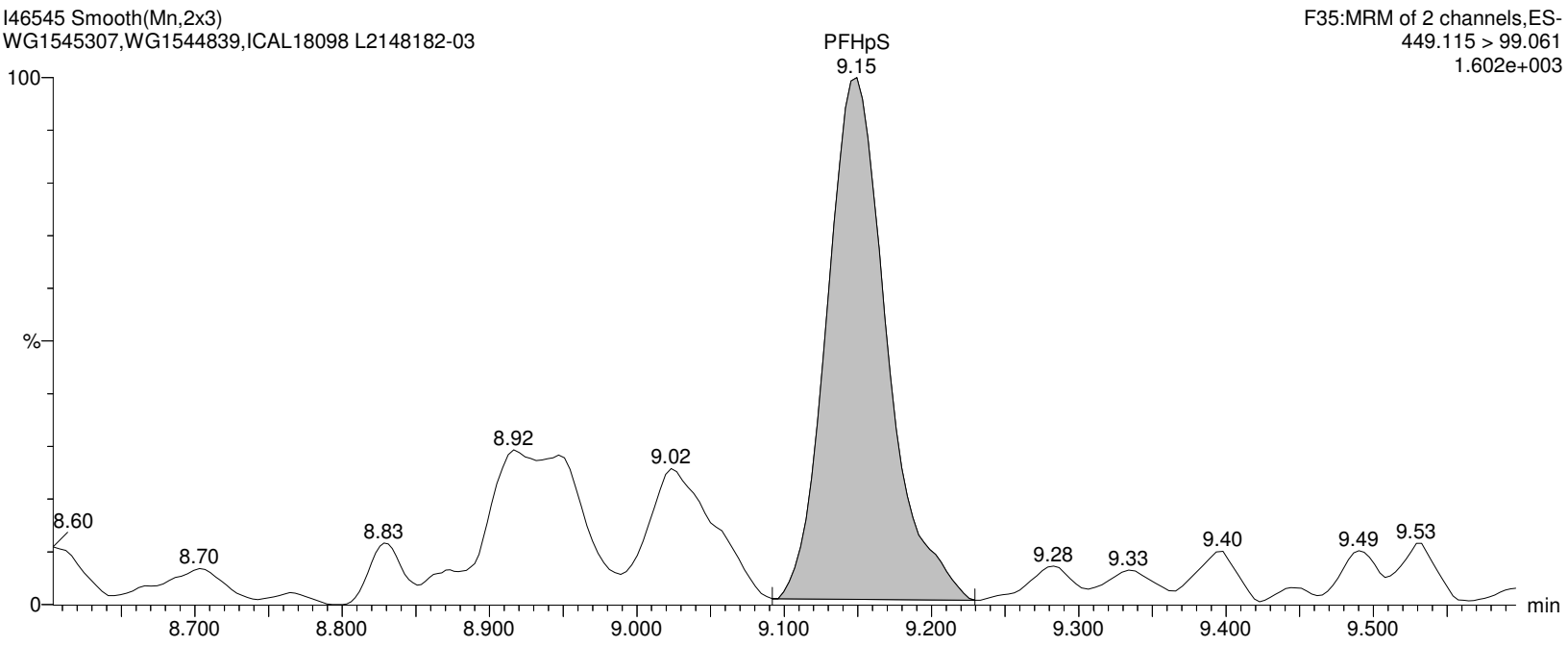
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:03 Eastern Daylight Time

Name: I46545
ID: L2148182-03
Date: 11-Sep-2021
Time: 18:21:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpS



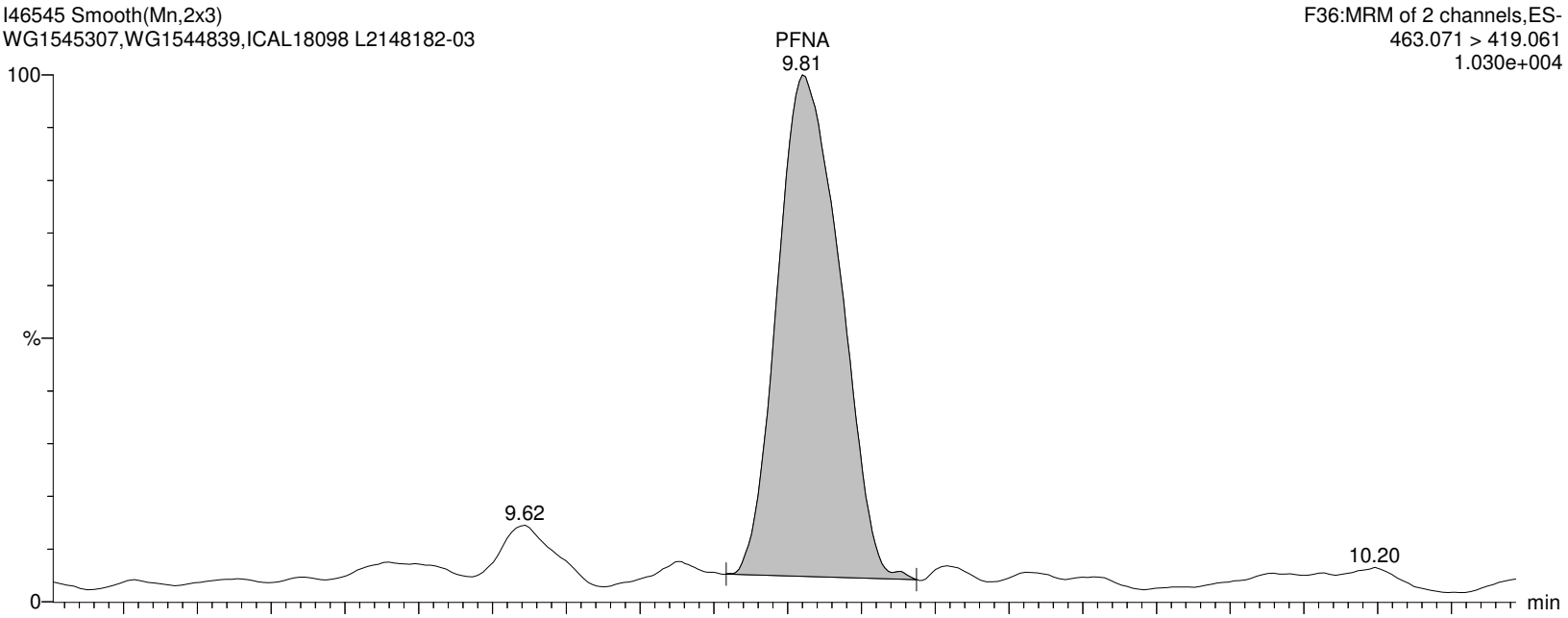


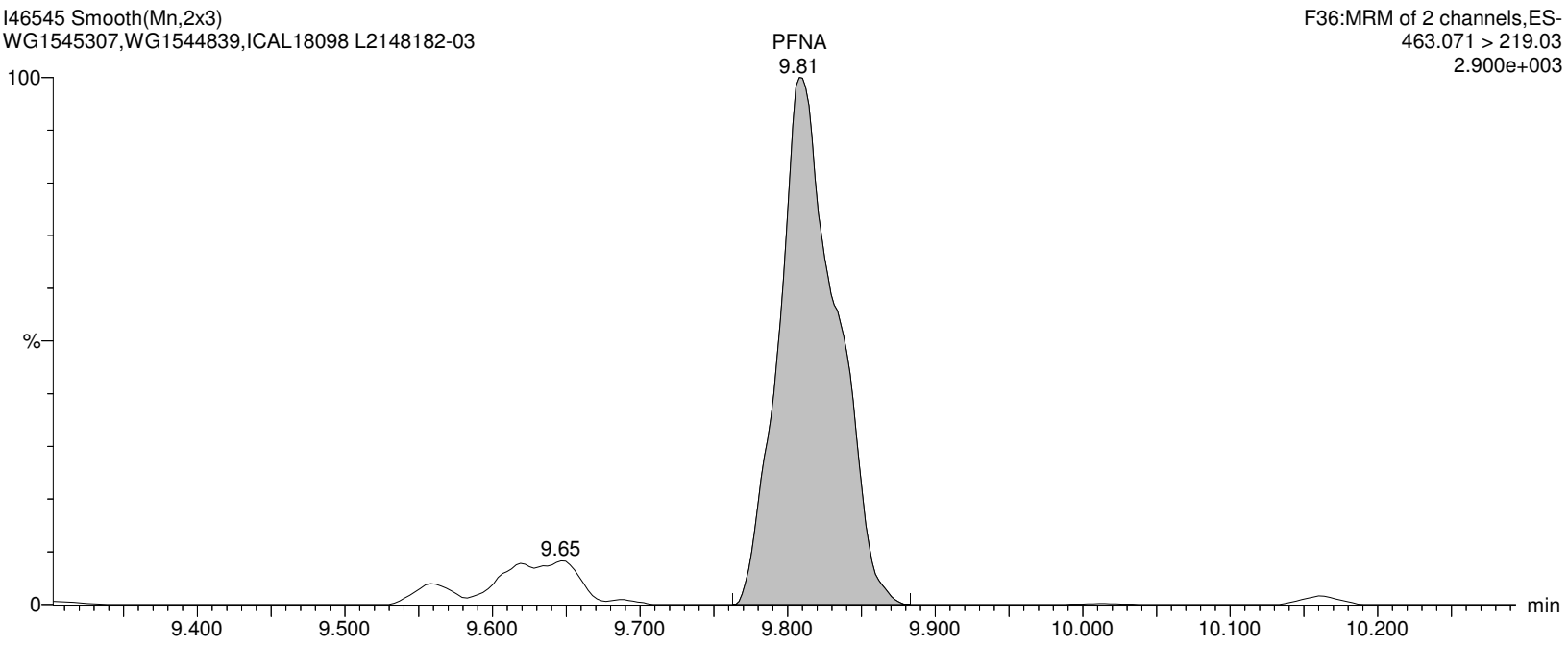
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:03 Eastern Daylight Time

Name: I46545
ID: L2148182-03
Date: 11-Sep-2021
Time: 18:21:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNA



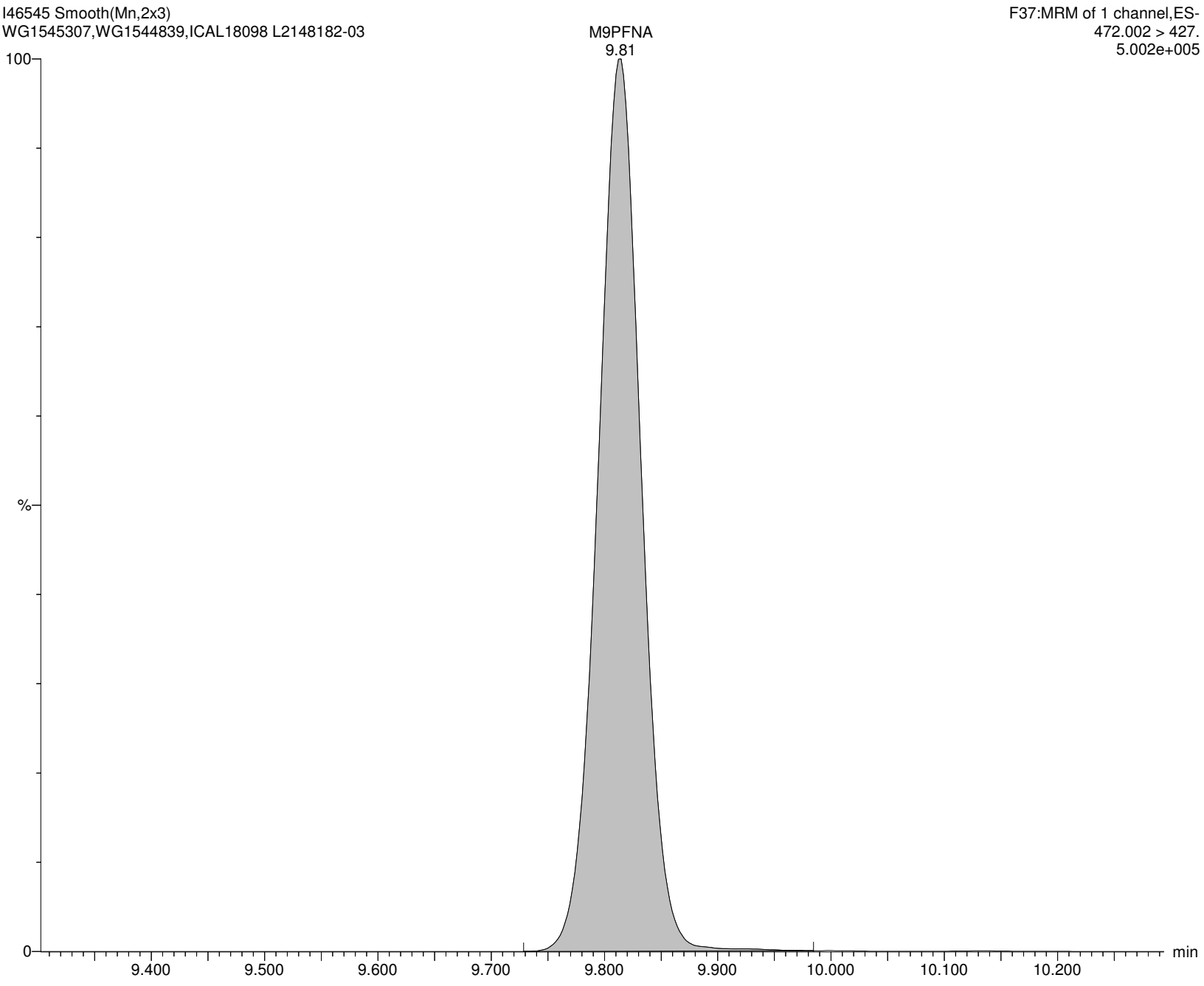


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:03 Eastern Daylight Time

Name: I46545
ID: L2148182-03
Date: 11-Sep-2021
Time: 18:21:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M9PFNA

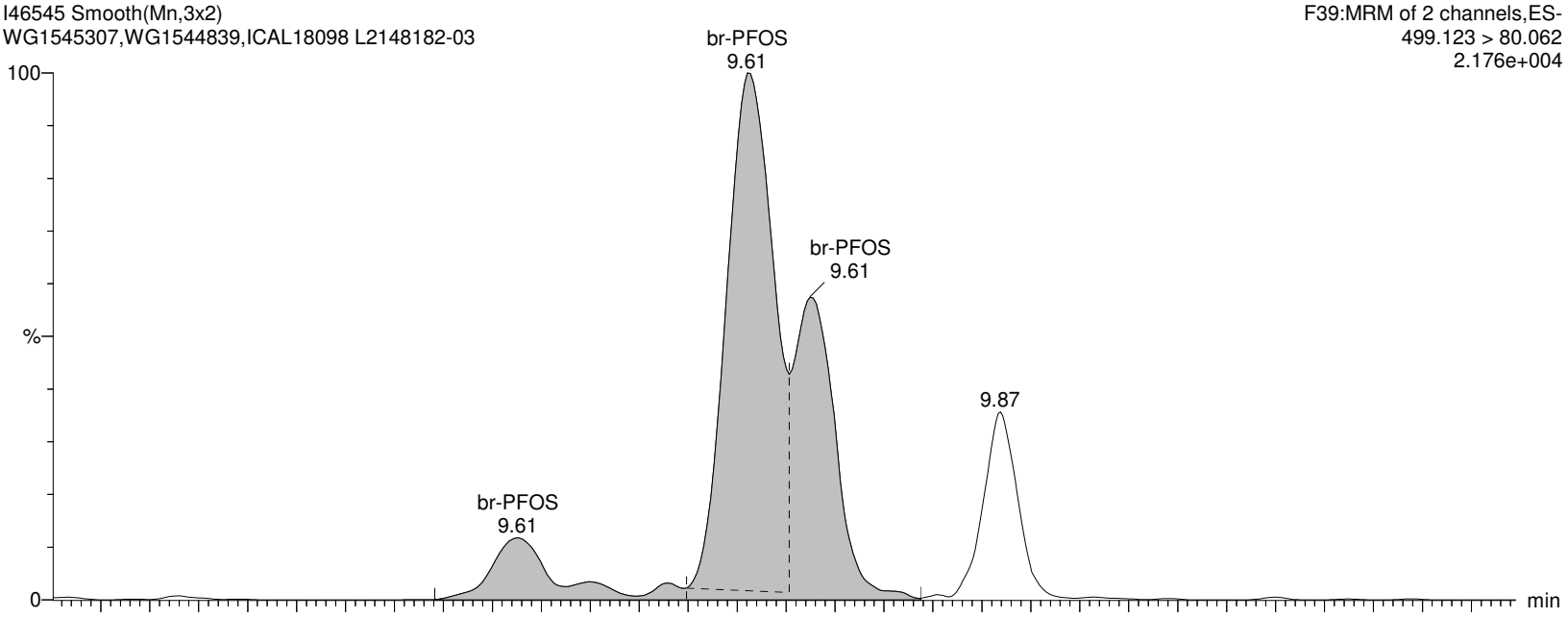


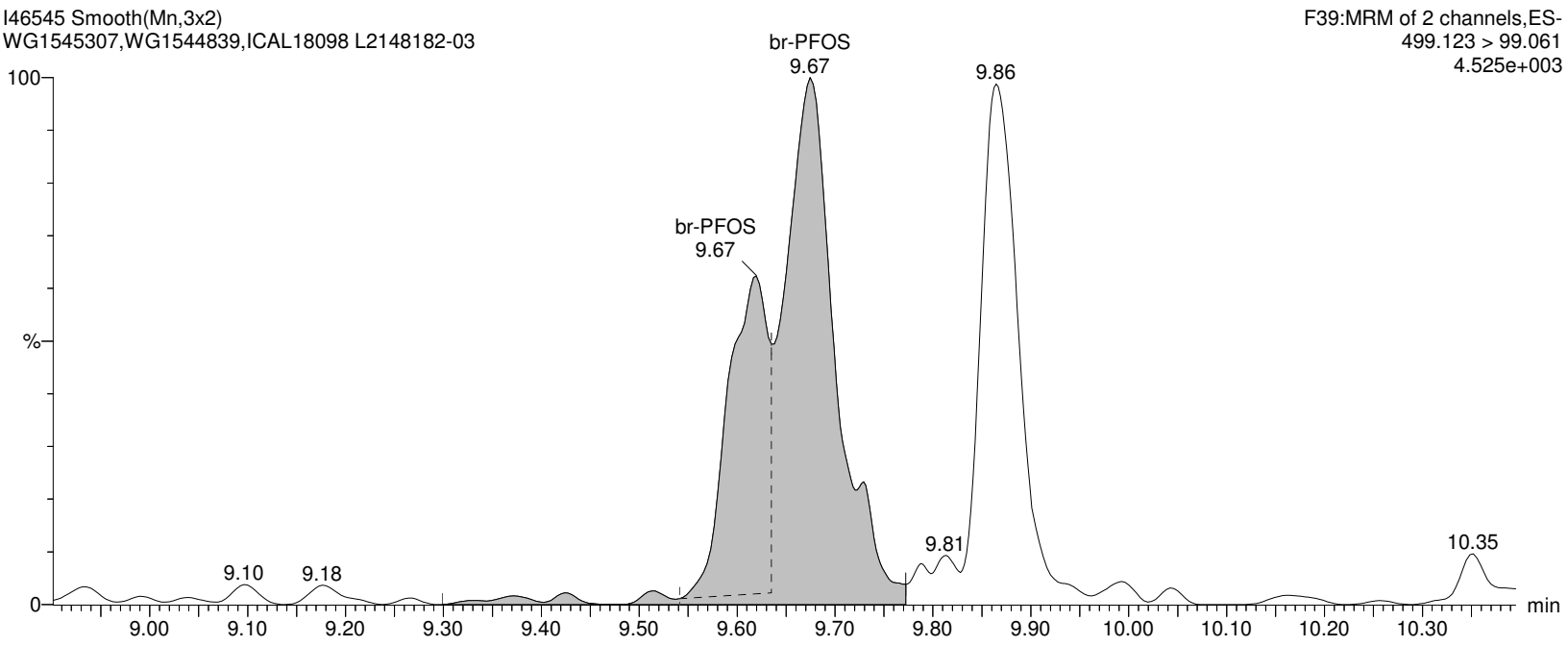
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:03 Eastern Daylight Time

Name: I46545
ID: L2148182-03
Date: 11-Sep-2021
Time: 18:21:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOS



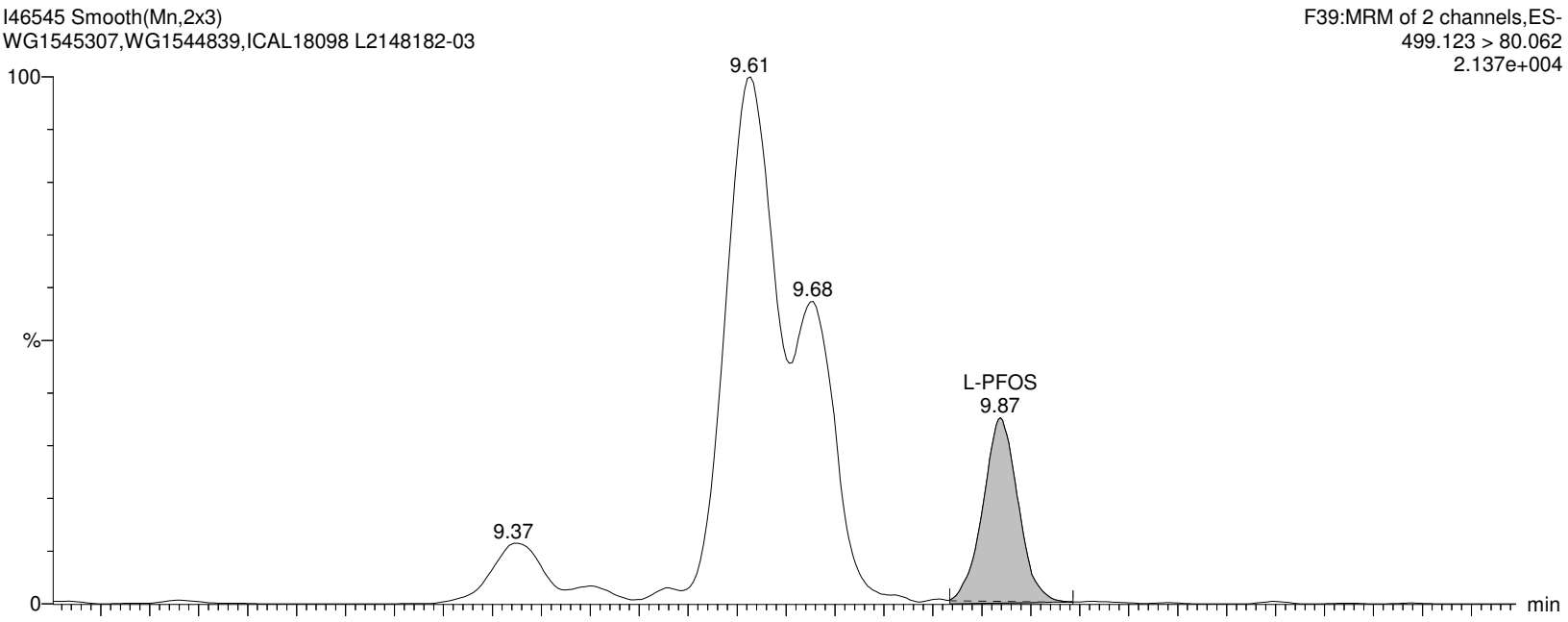


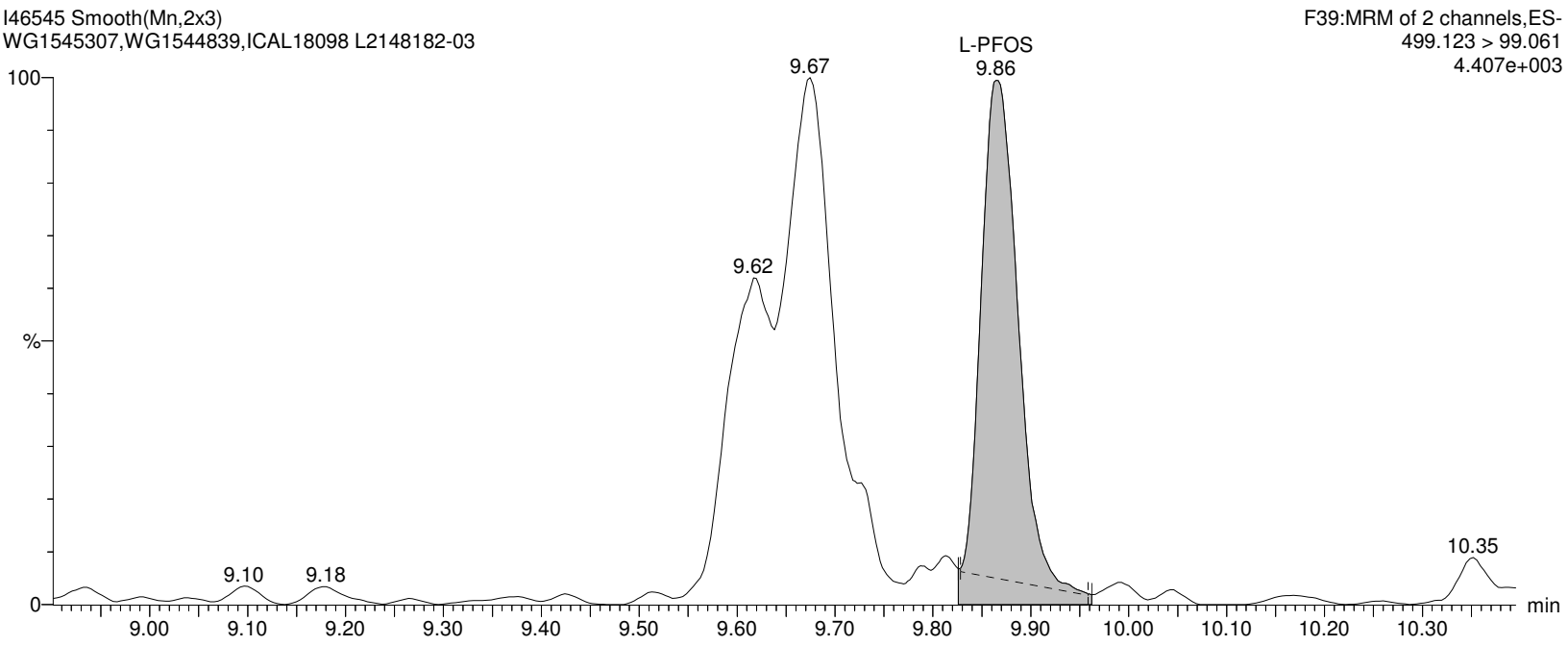
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:03 Eastern Daylight Time

Name: I46545
ID: L2148182-03
Date: 11-Sep-2021
Time: 18:21:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOS



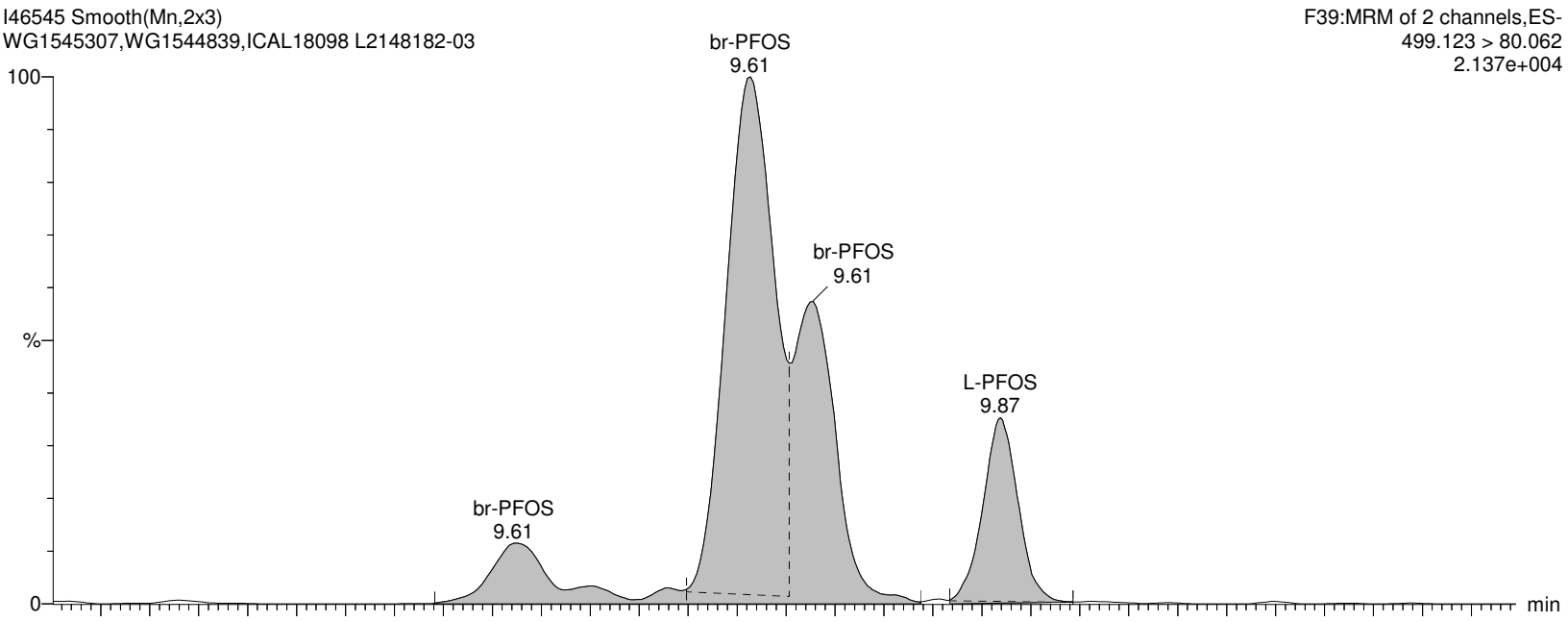


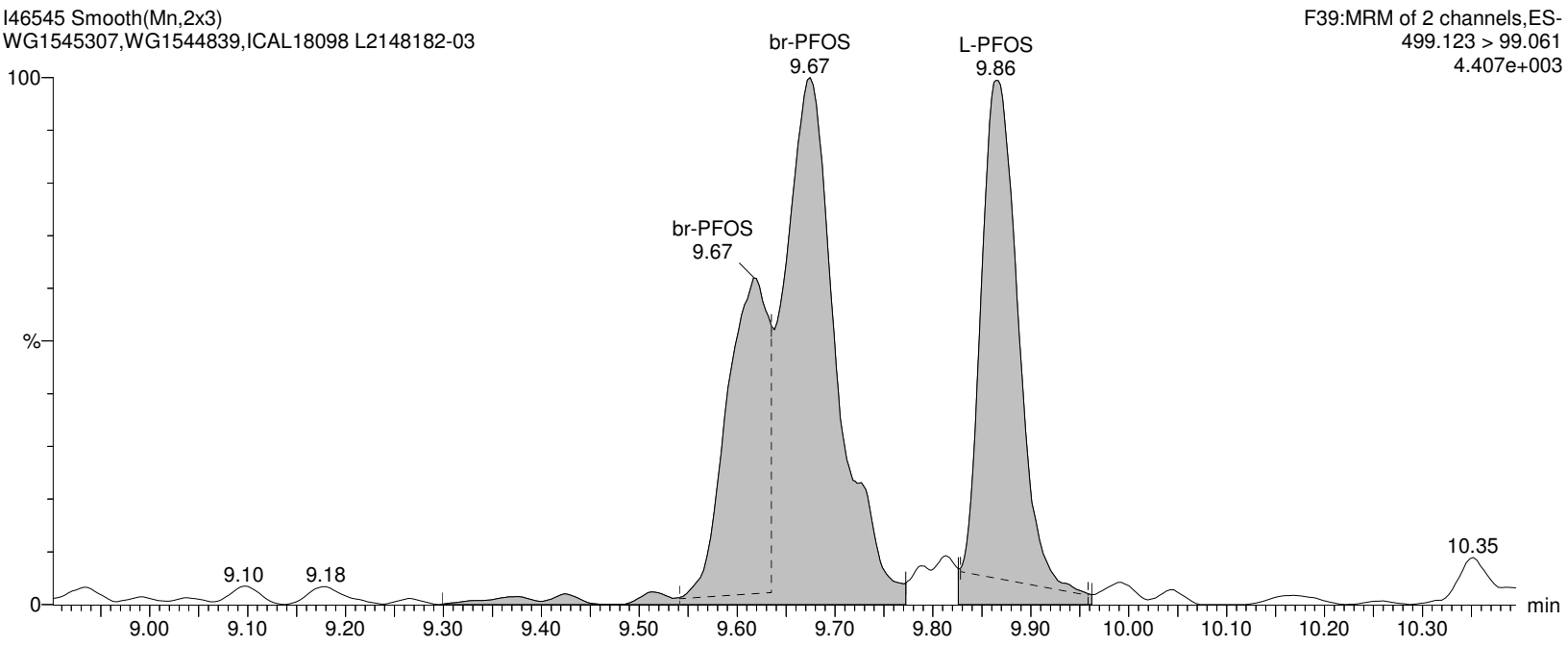
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:03 Eastern Daylight Time

Name: I46545
ID: L2148182-03
Date: 11-Sep-2021
Time: 18:21:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOS



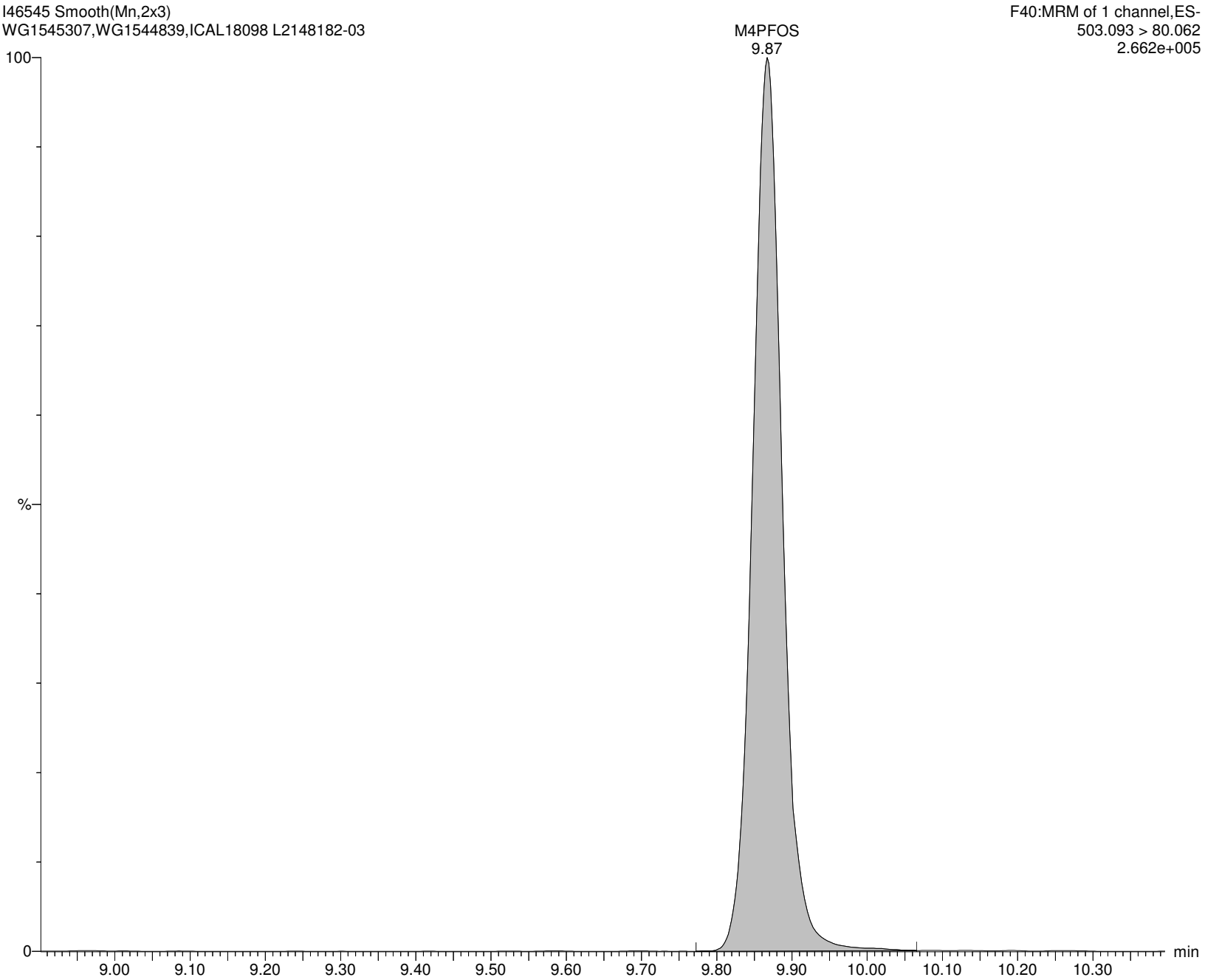


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:03 Eastern Daylight Time

Name: I46545
ID: L2148182-03
Date: 11-Sep-2021
Time: 18:21:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOS

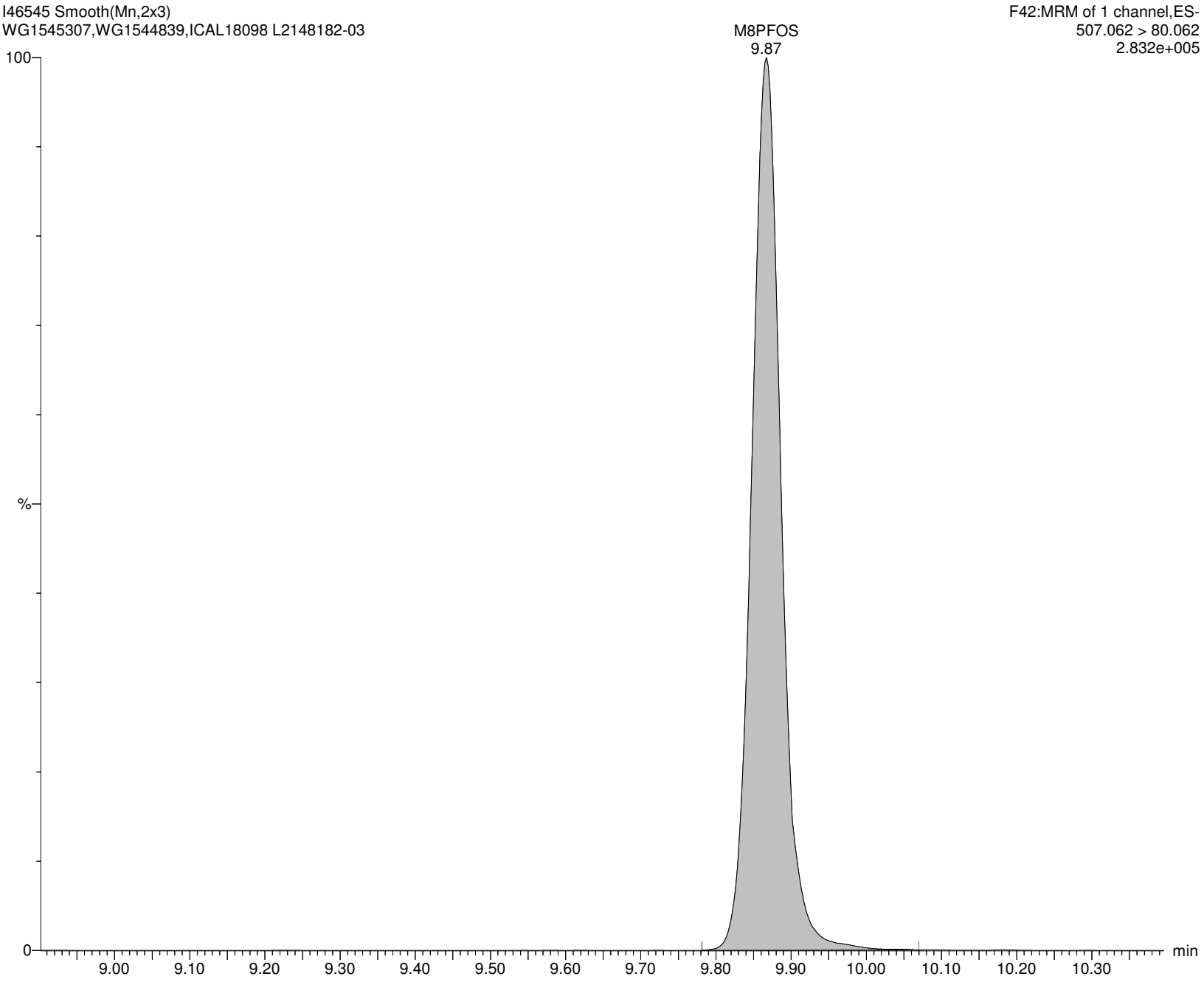


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:03 Eastern Daylight Time

Name: I46545
ID: L2148182-03
Date: 11-Sep-2021
Time: 18:21:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOS

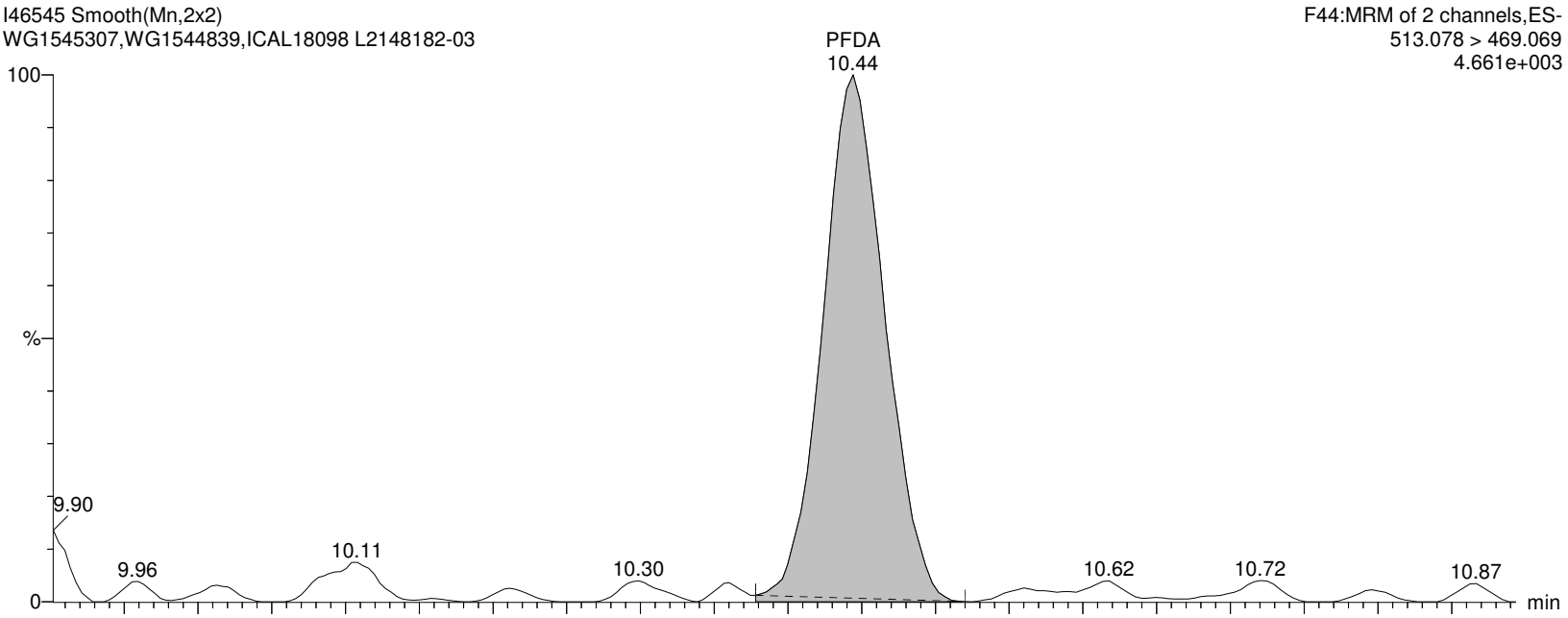


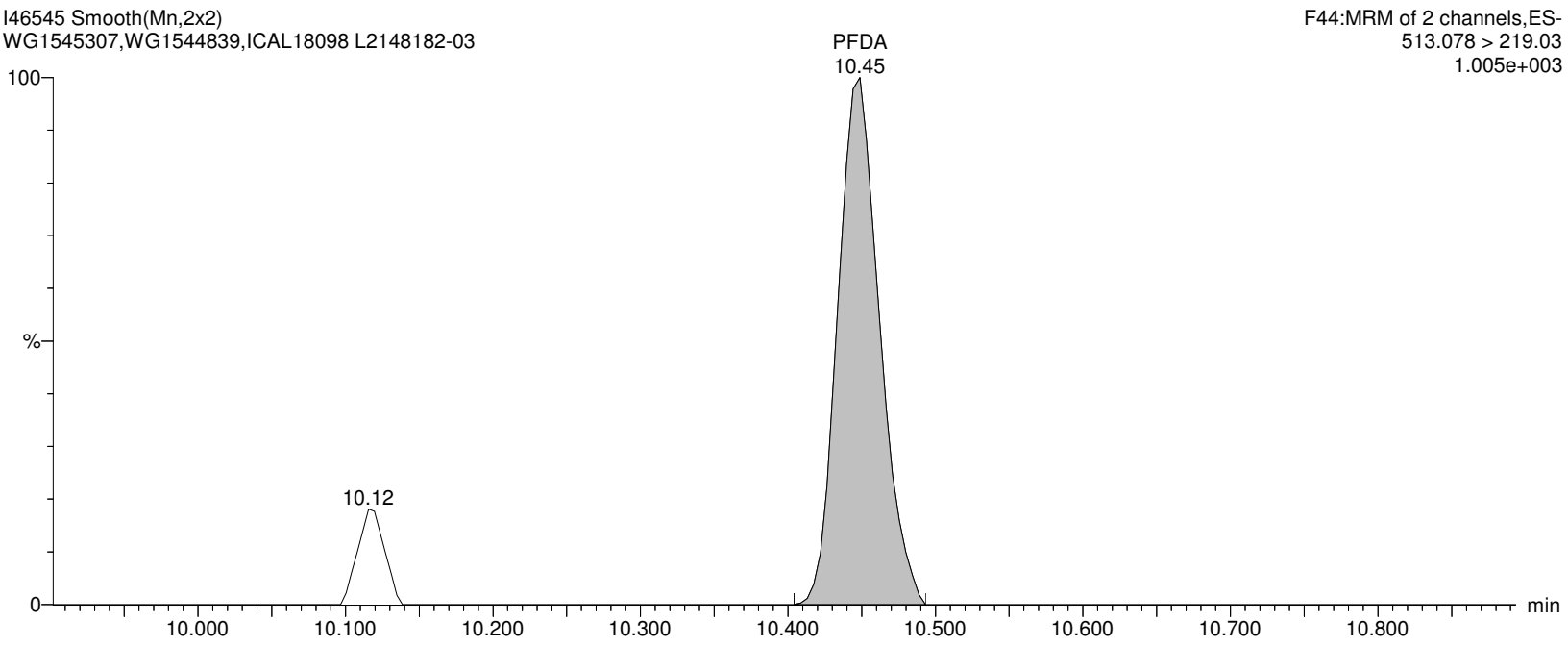
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:03 Eastern Daylight Time

Name: I46545
ID: L2148182-03
Date: 11-Sep-2021
Time: 18:21:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDA



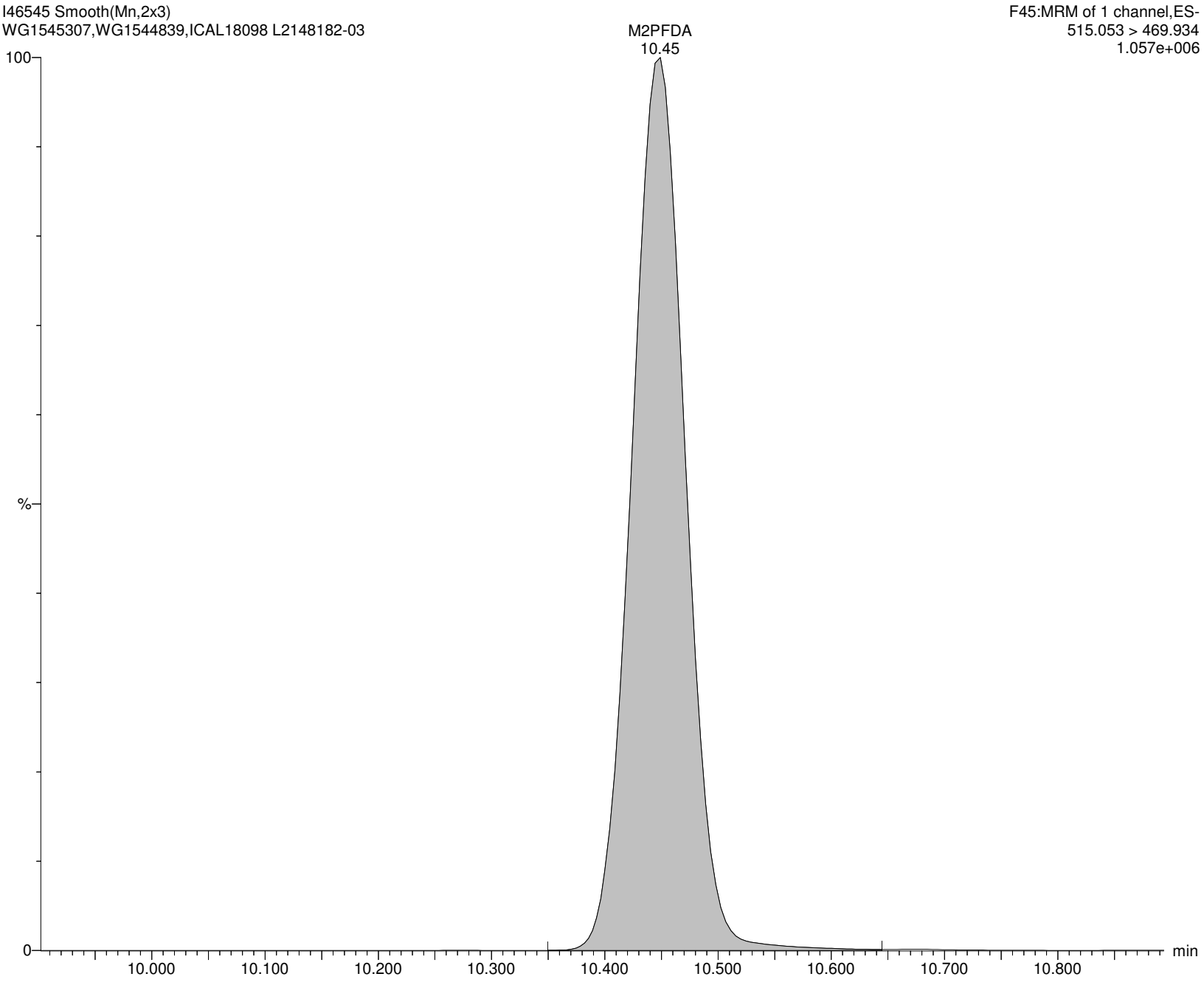


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:03 Eastern Daylight Time

Name: I46545
ID: L2148182-03
Date: 11-Sep-2021
Time: 18:21:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFDA

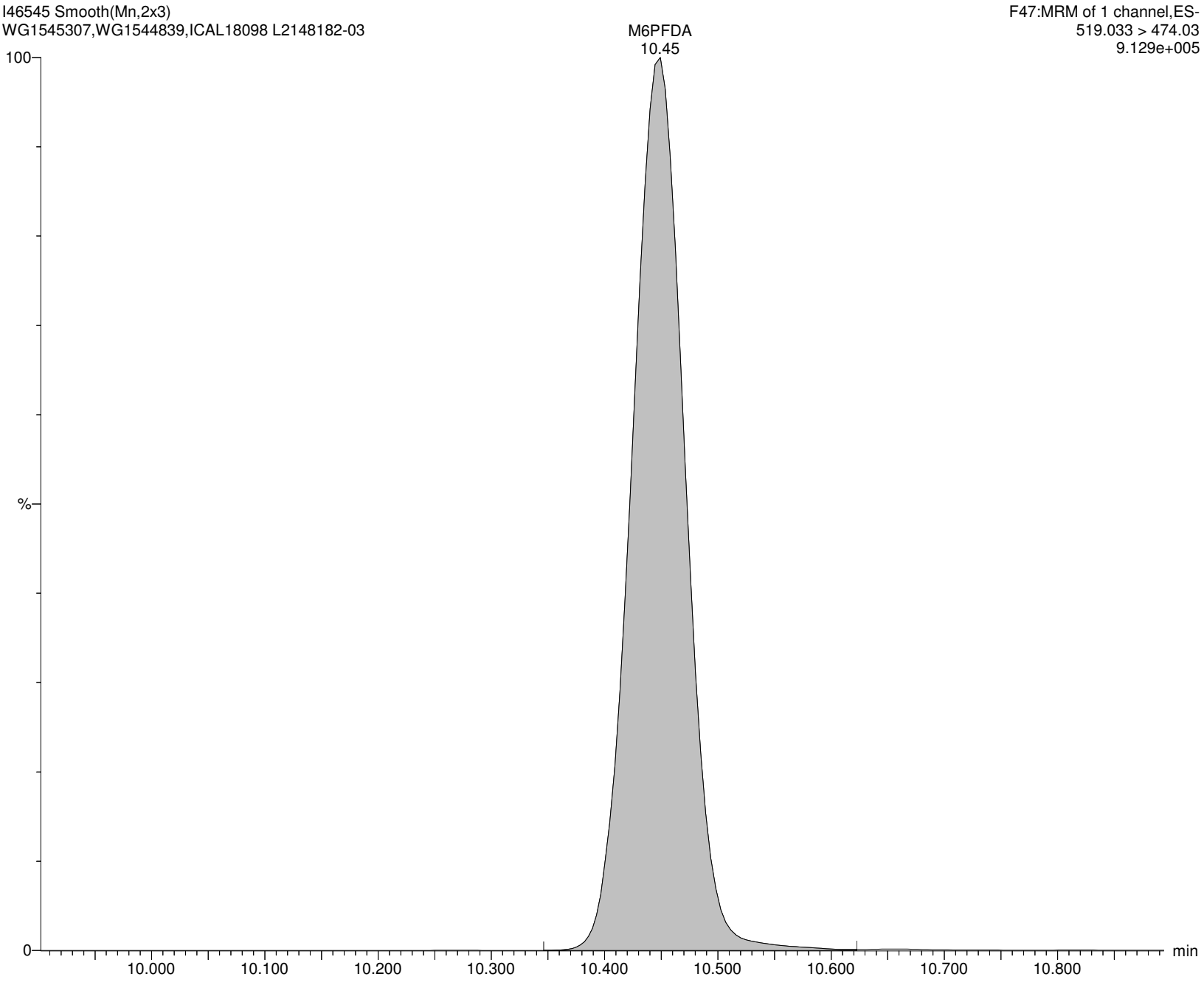


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:03 Eastern Daylight Time

Name: I46545
ID: L2148182-03
Date: 11-Sep-2021
Time: 18:21:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M6PFDA

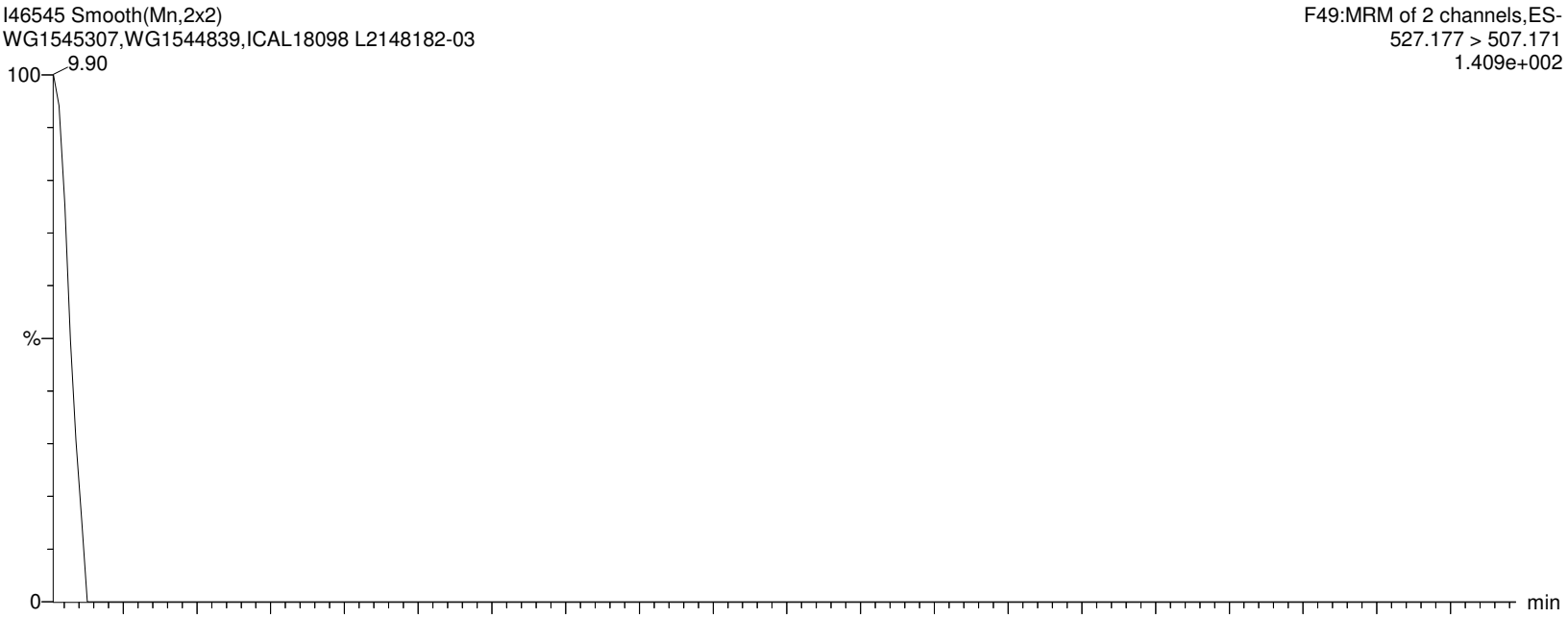


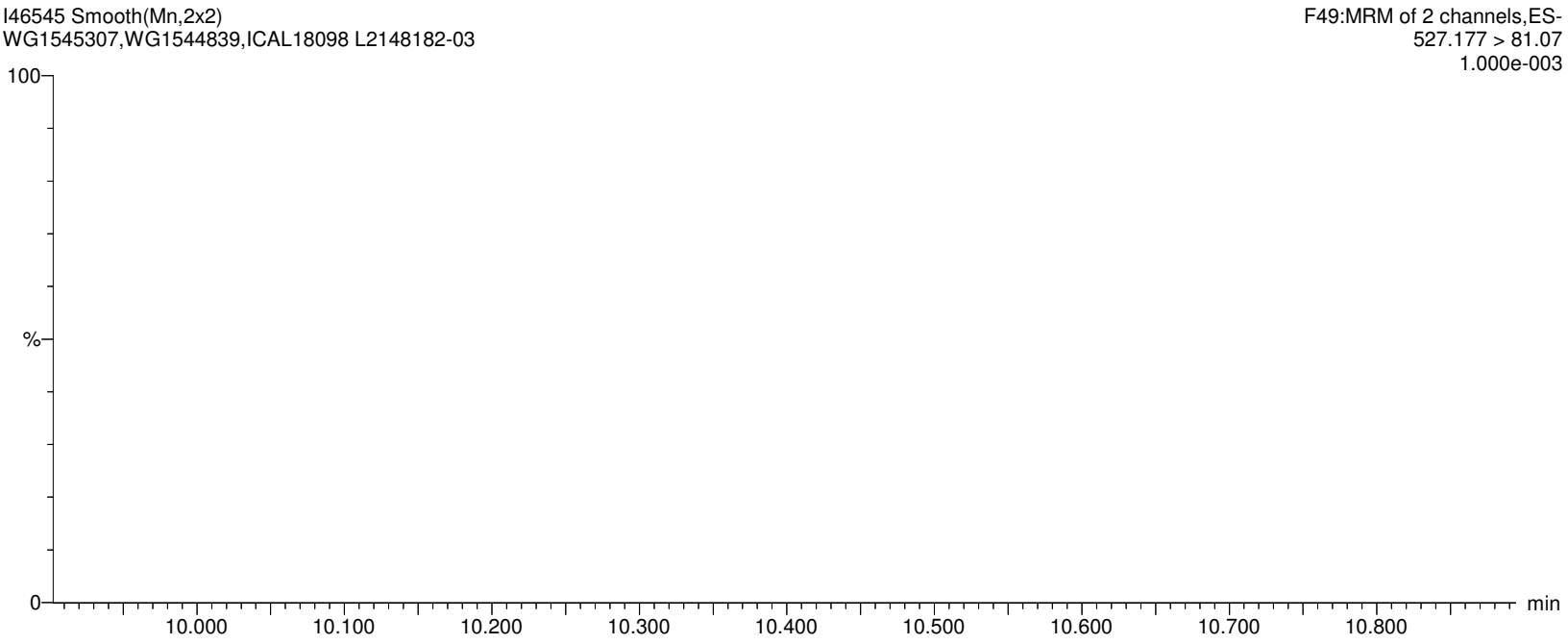
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:03 Eastern Daylight Time

Name: I46545
ID: L2148182-03
Date: 11-Sep-2021
Time: 18:21:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

8:2FTS



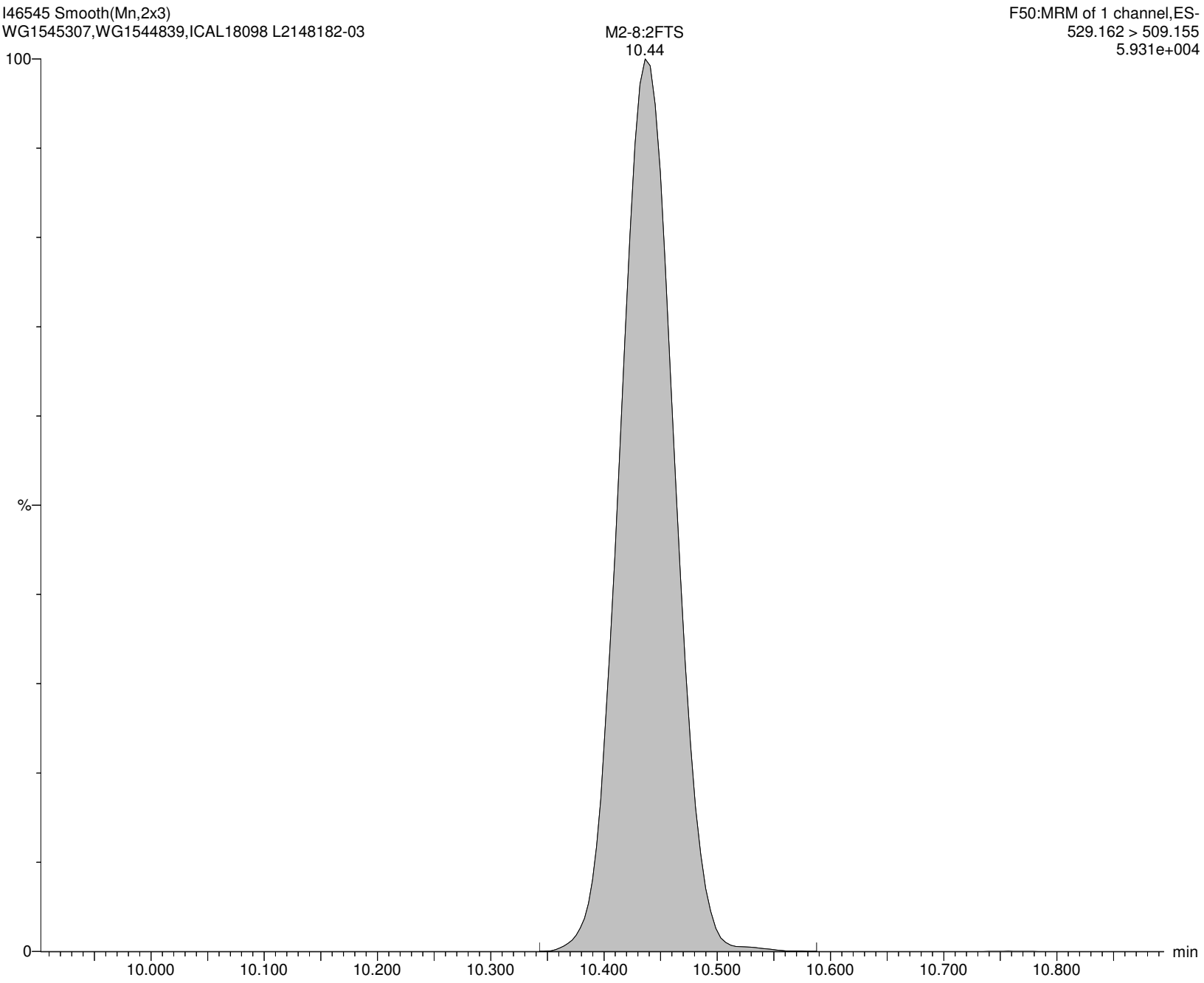


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:03 Eastern Daylight Time

Name: I46545
ID: L2148182-03
Date: 11-Sep-2021
Time: 18:21:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-8:2FTS

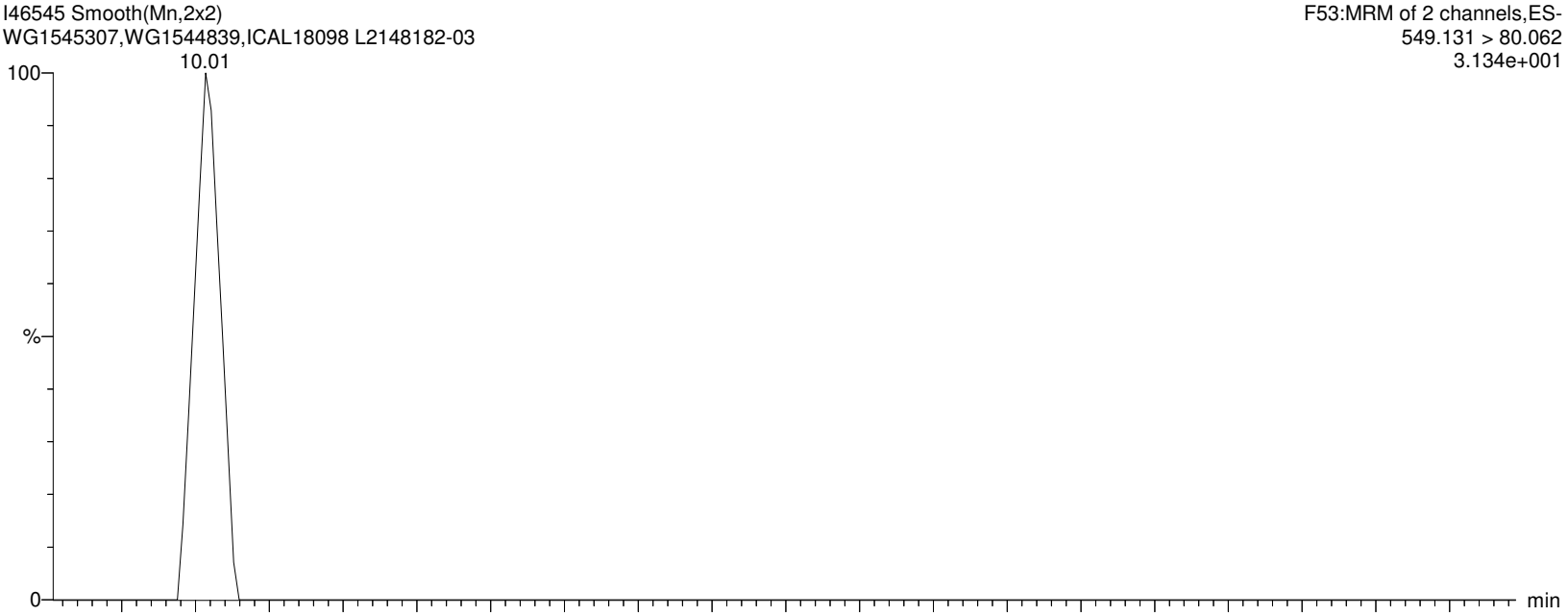


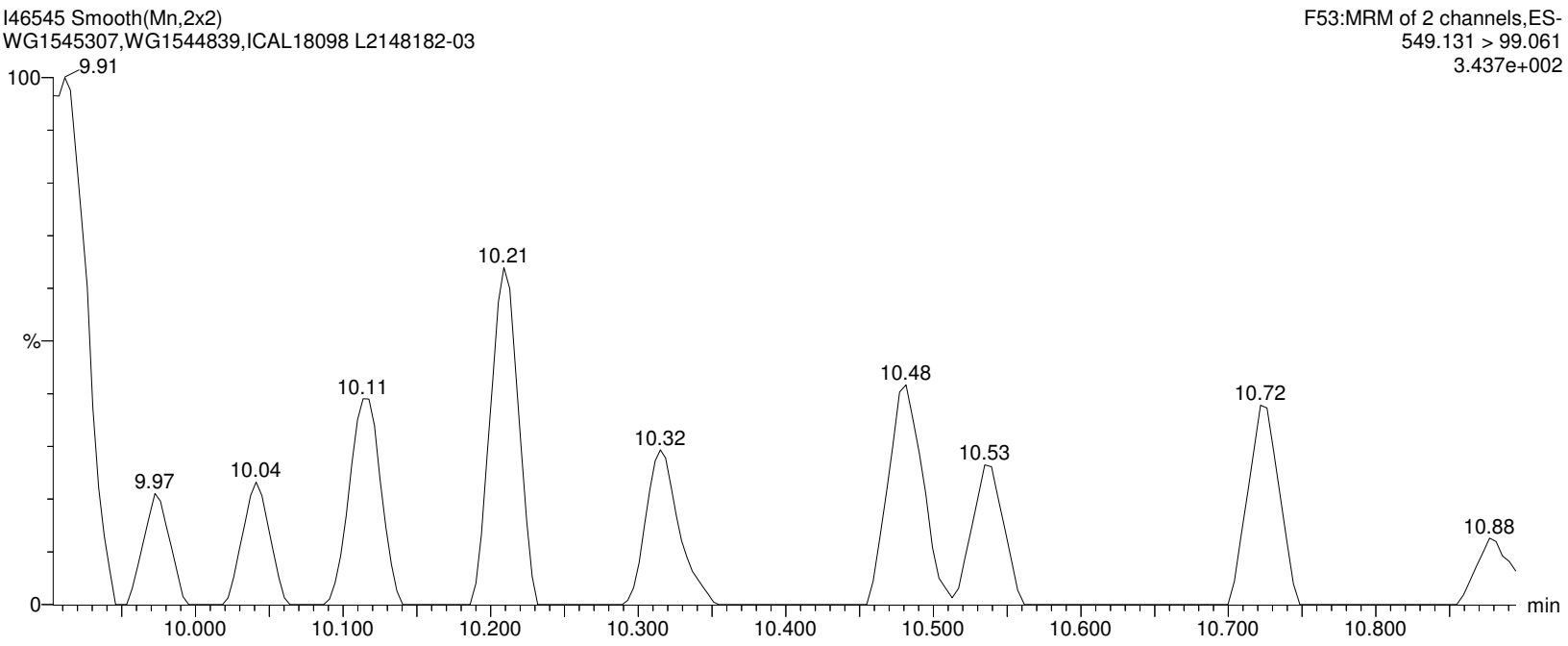
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:03 Eastern Daylight Time

Name: I46545
ID: L2148182-03
Date: 11-Sep-2021
Time: 18:21:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNS



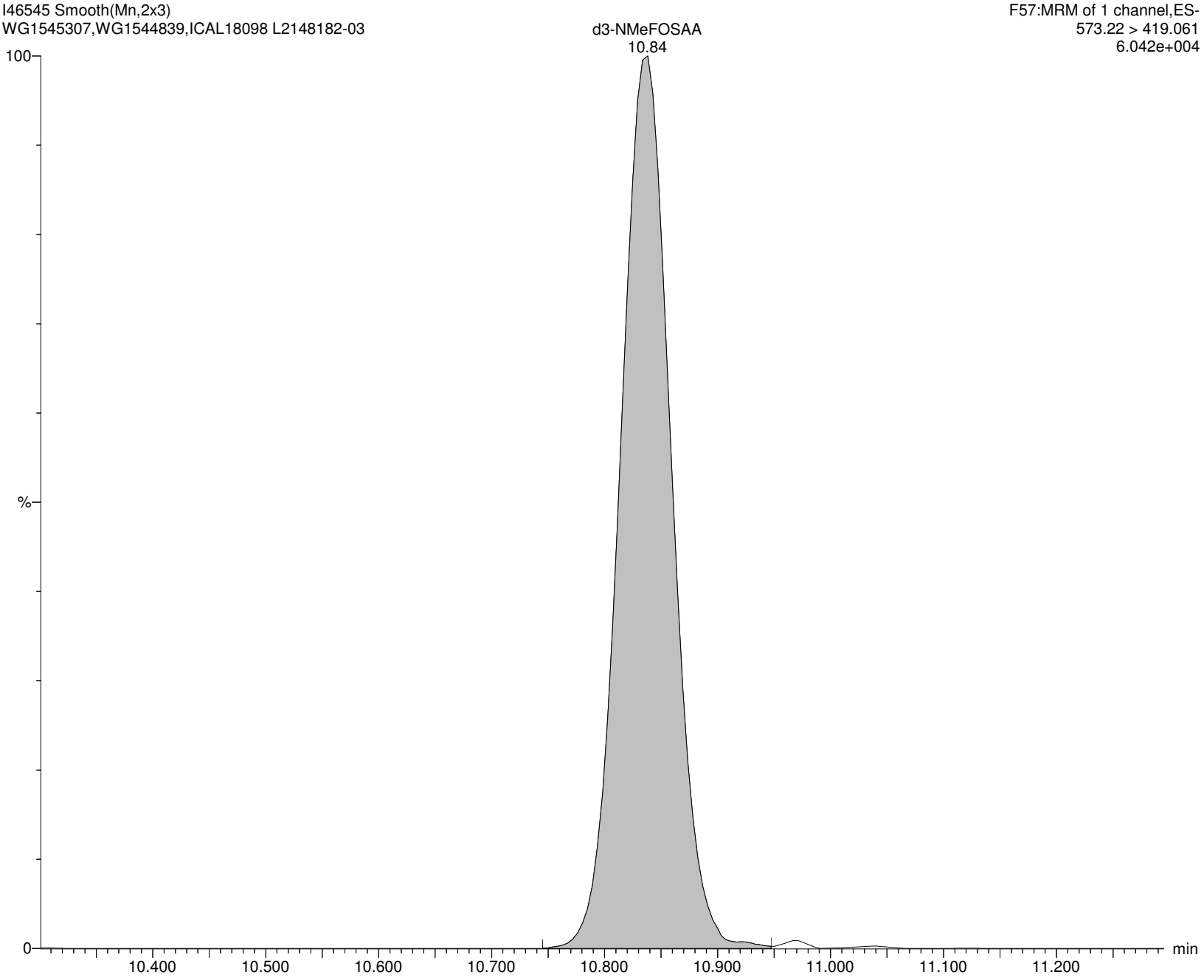


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:03 Eastern Daylight Time

Name: I46545
ID: L2148182-03
Date: 11-Sep-2021
Time: 18:21:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSAA

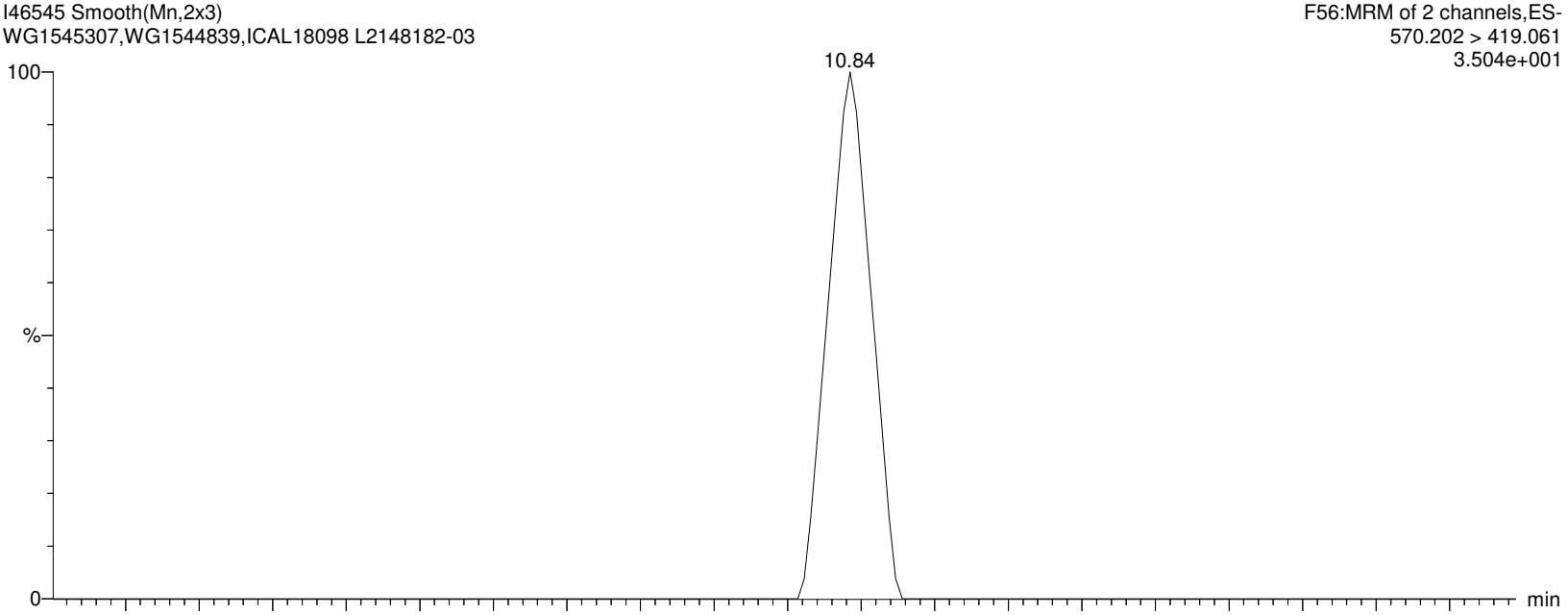


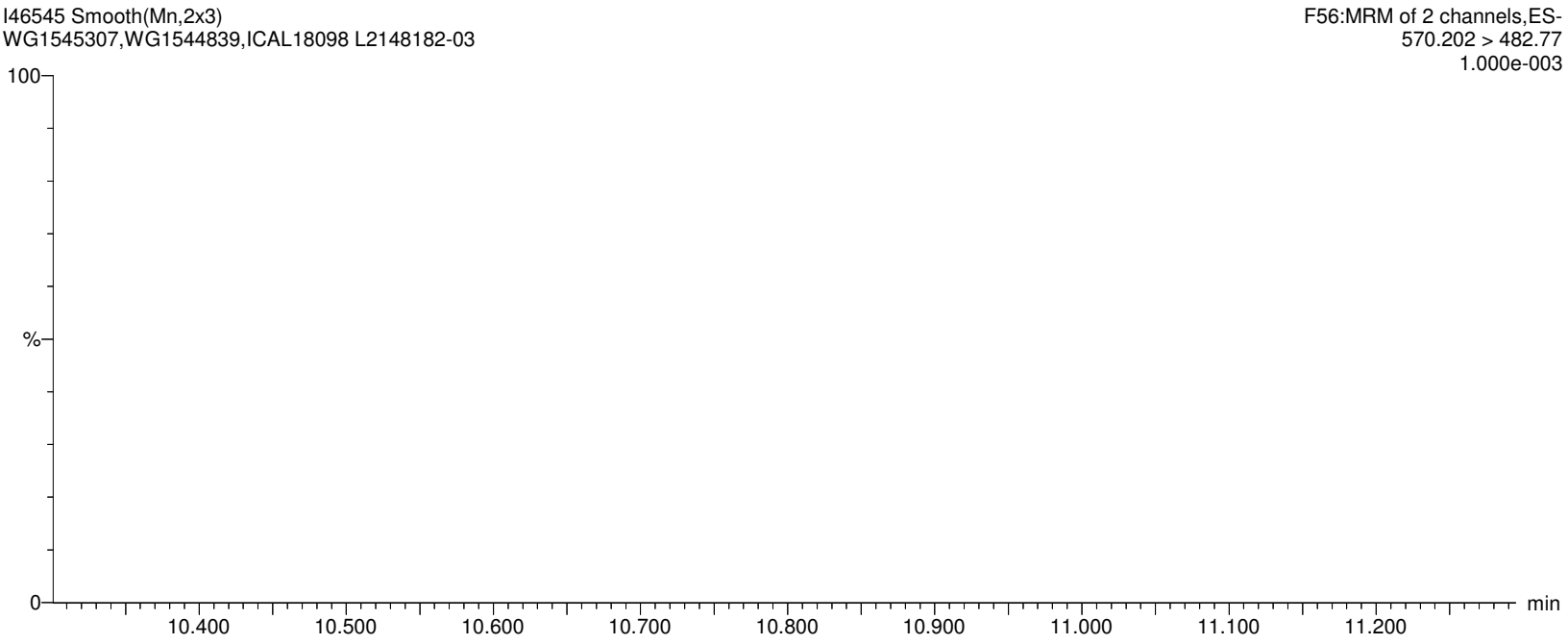
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:03 Eastern Daylight Time

Name: I46545
ID: L2148182-03
Date: 11-Sep-2021
Time: 18:21:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NMeFOSAA



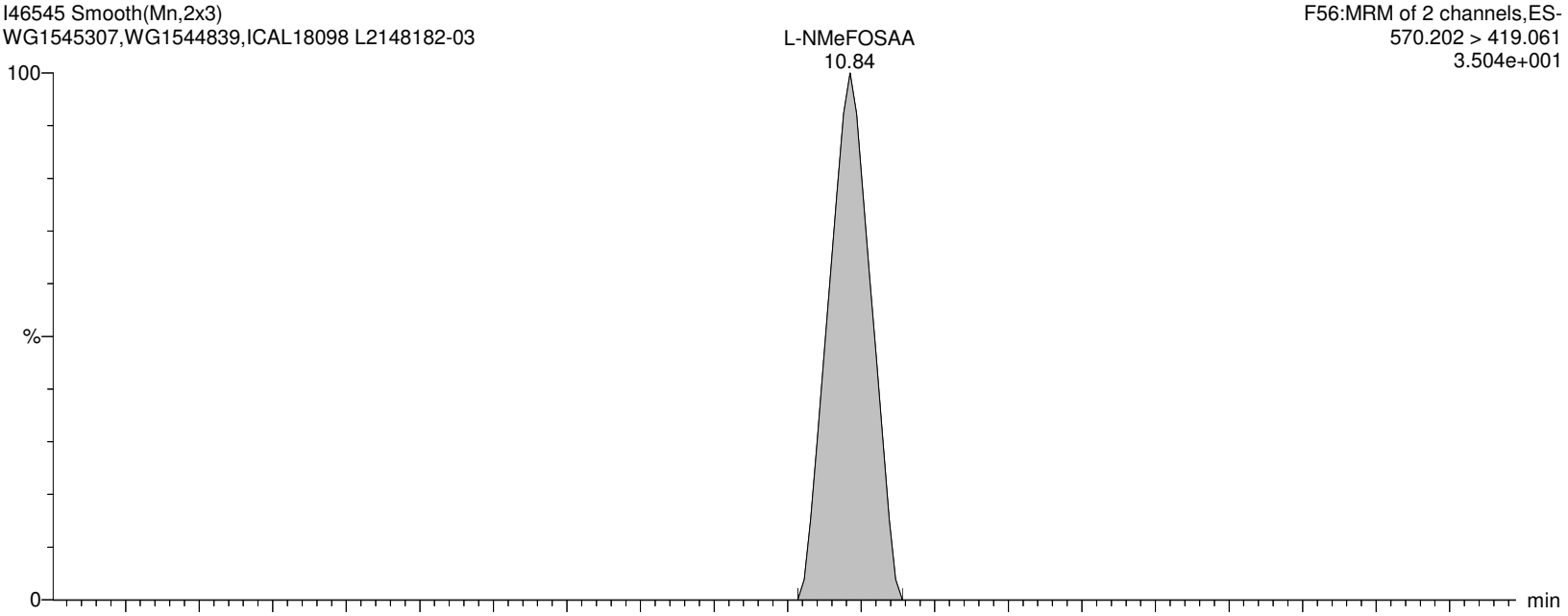


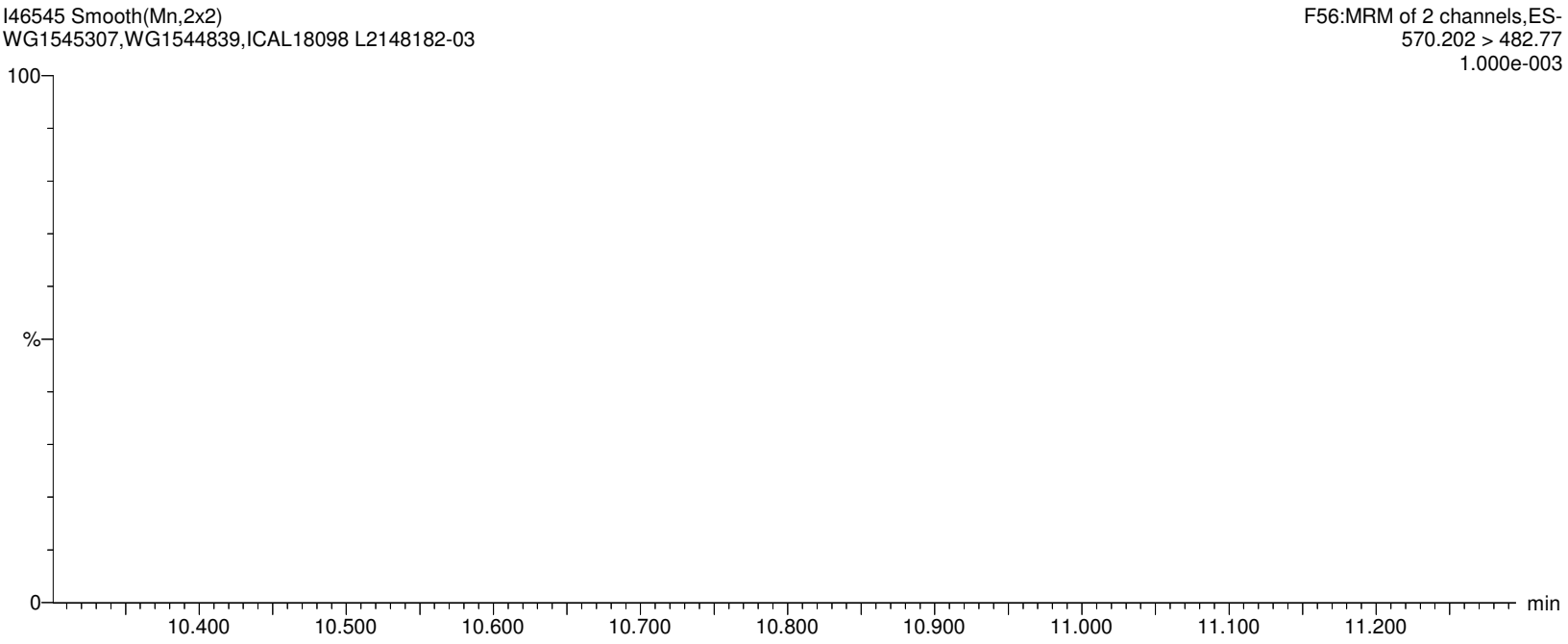
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:03 Eastern Daylight Time

Name: I46545
ID: L2148182-03
Date: 11-Sep-2021
Time: 18:21:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NMeFOSAA



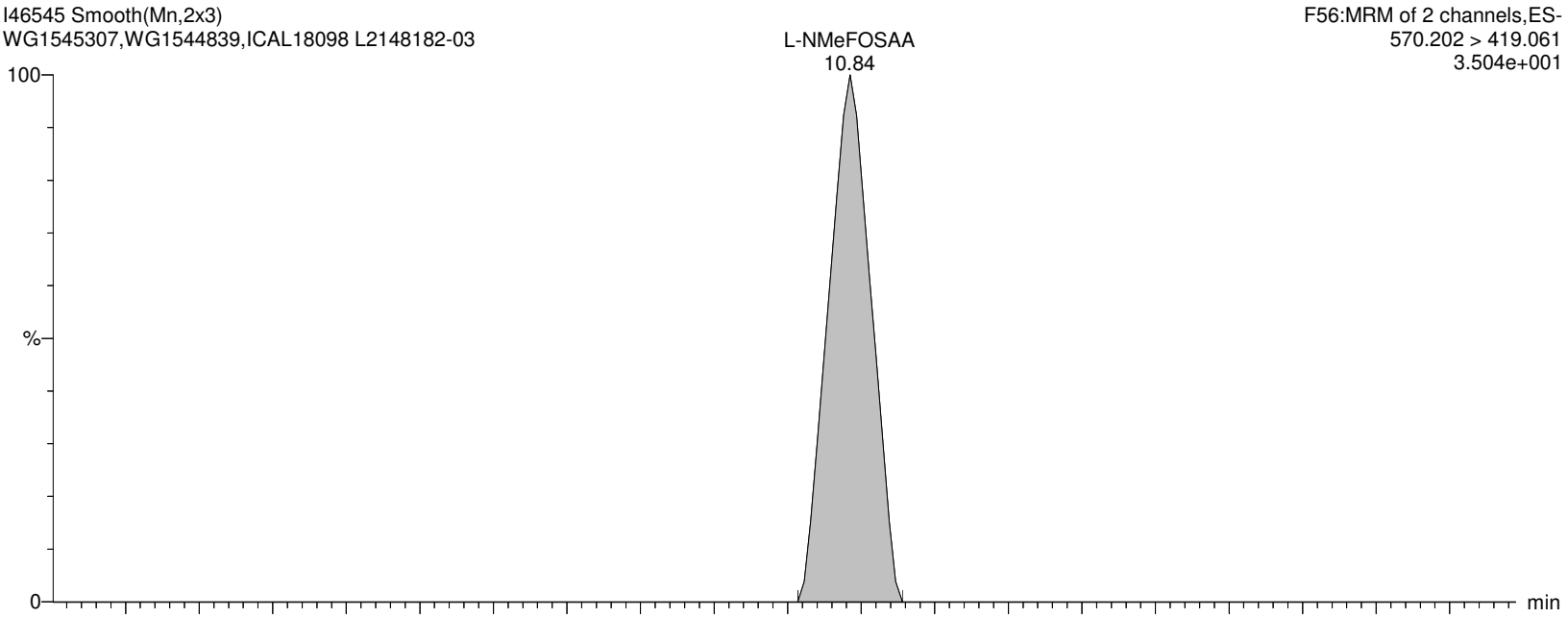


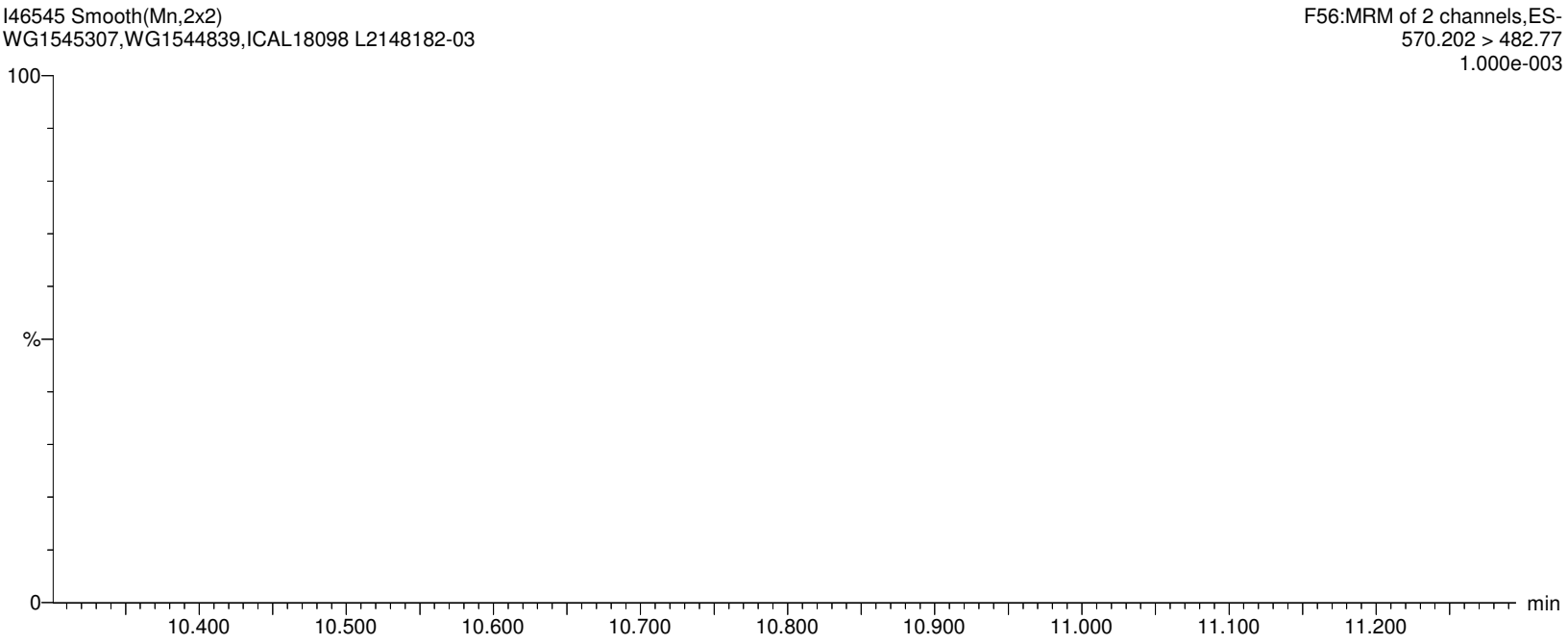
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:03 Eastern Daylight Time

Name: I46545
ID: L2148182-03
Date: 11-Sep-2021
Time: 18:21:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSAA



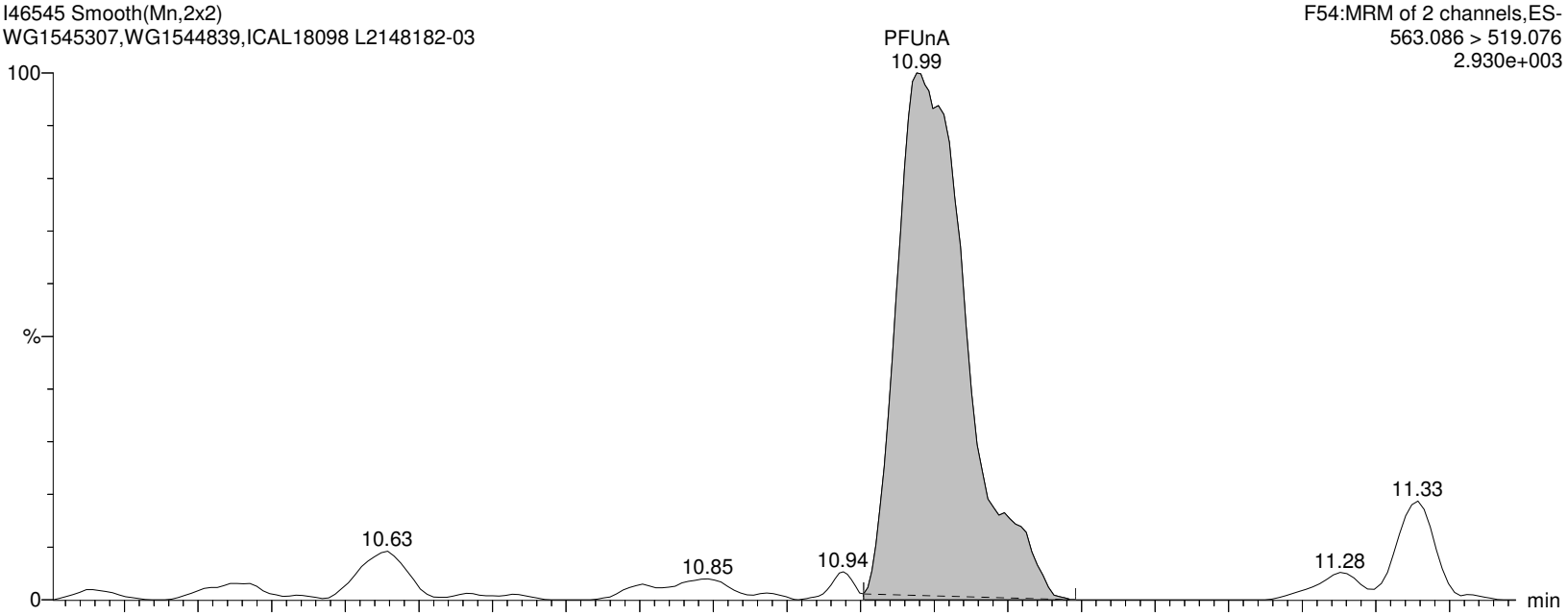


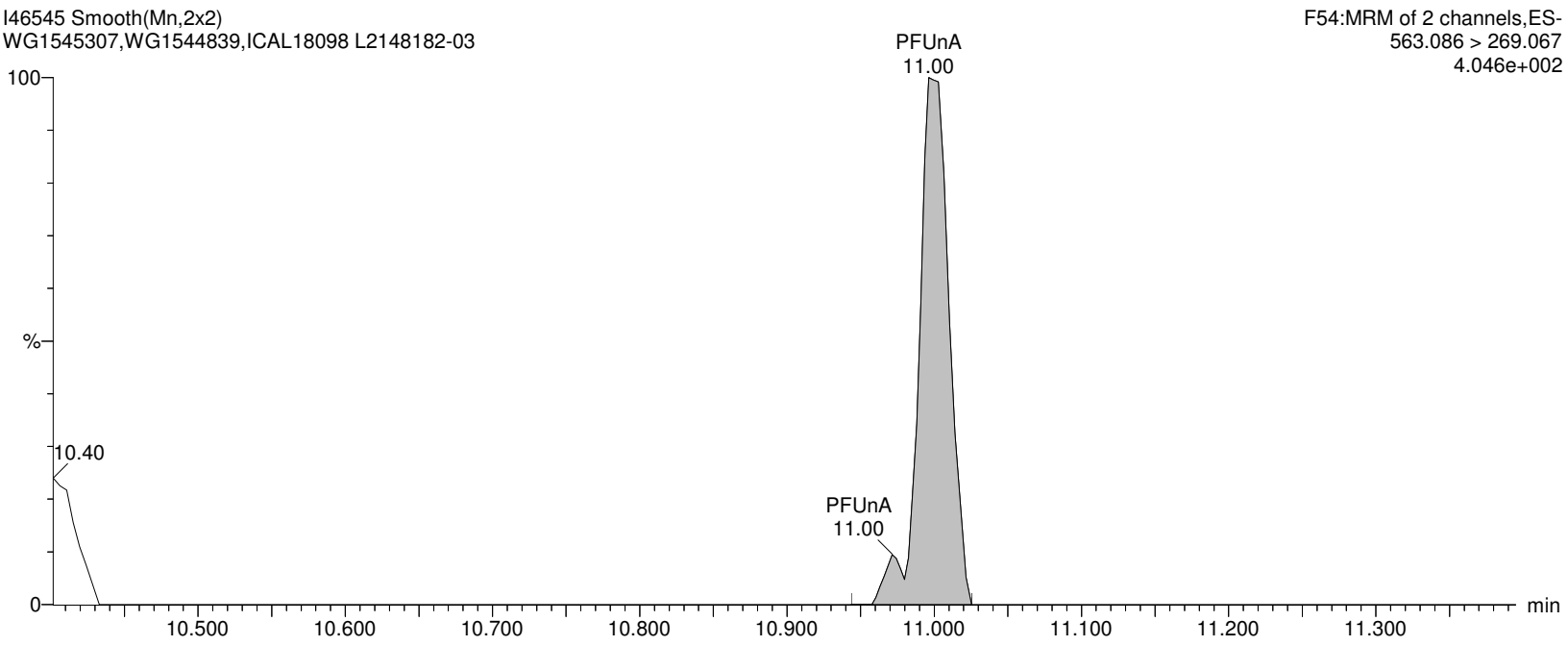
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:03 Eastern Daylight Time

Name: I46545
ID: L2148182-03
Date: 11-Sep-2021
Time: 18:21:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFUnA



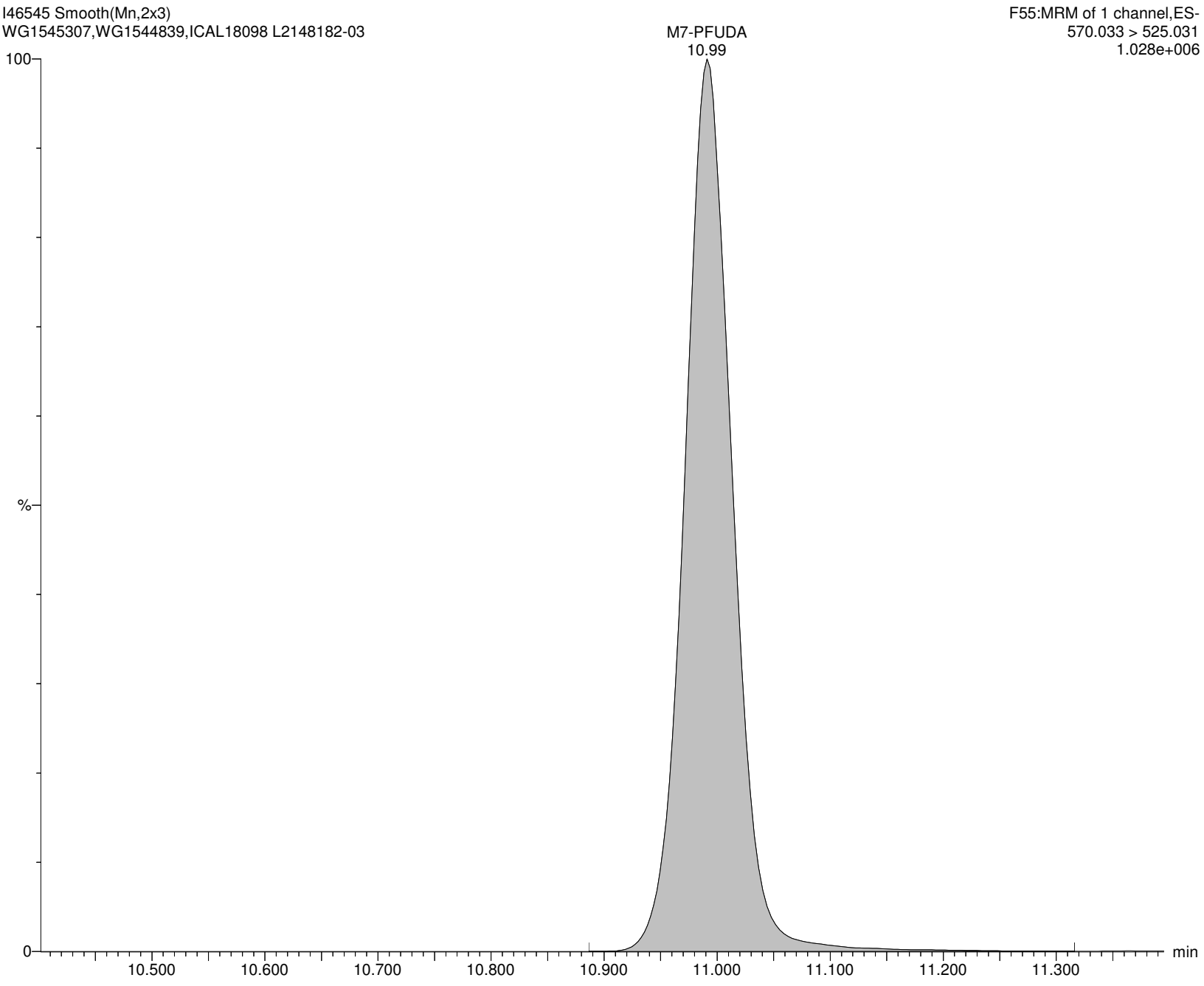


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:03 Eastern Daylight Time

Name: I46545
ID: L2148182-03
Date: 11-Sep-2021
Time: 18:21:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M7-PFUDA

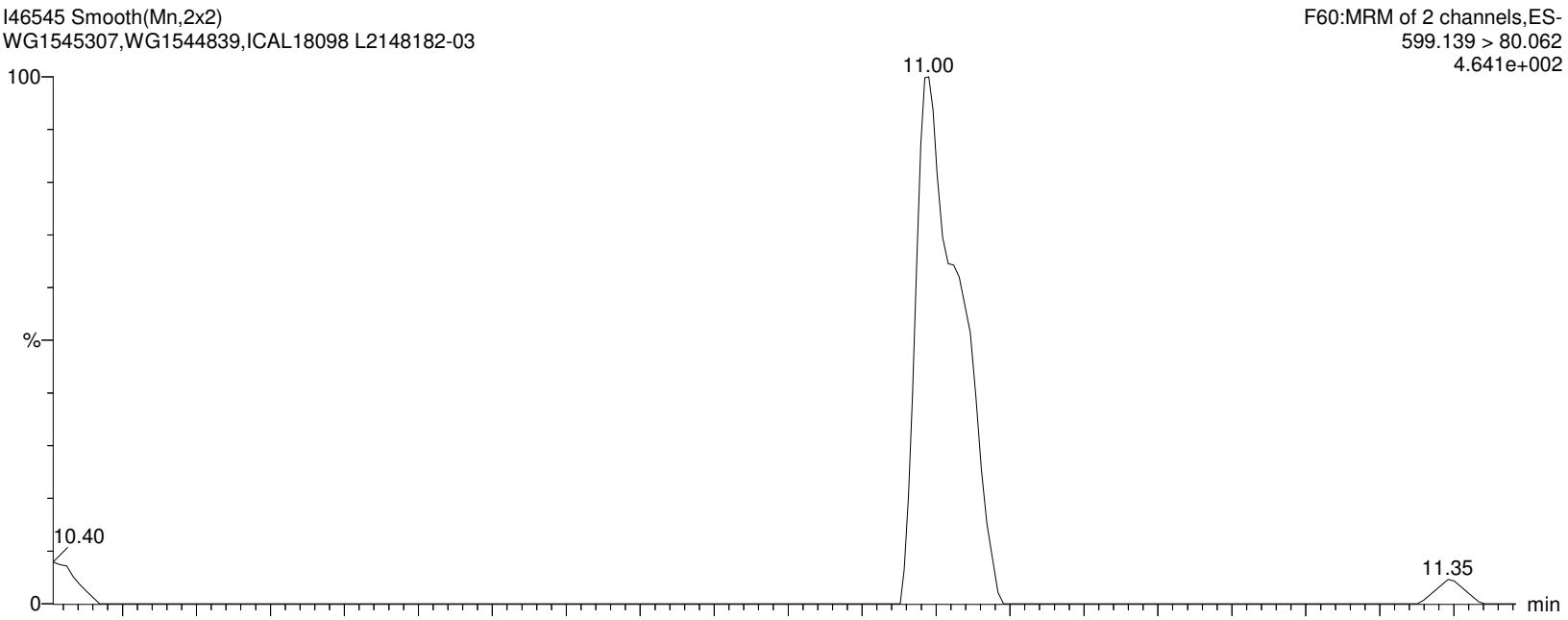


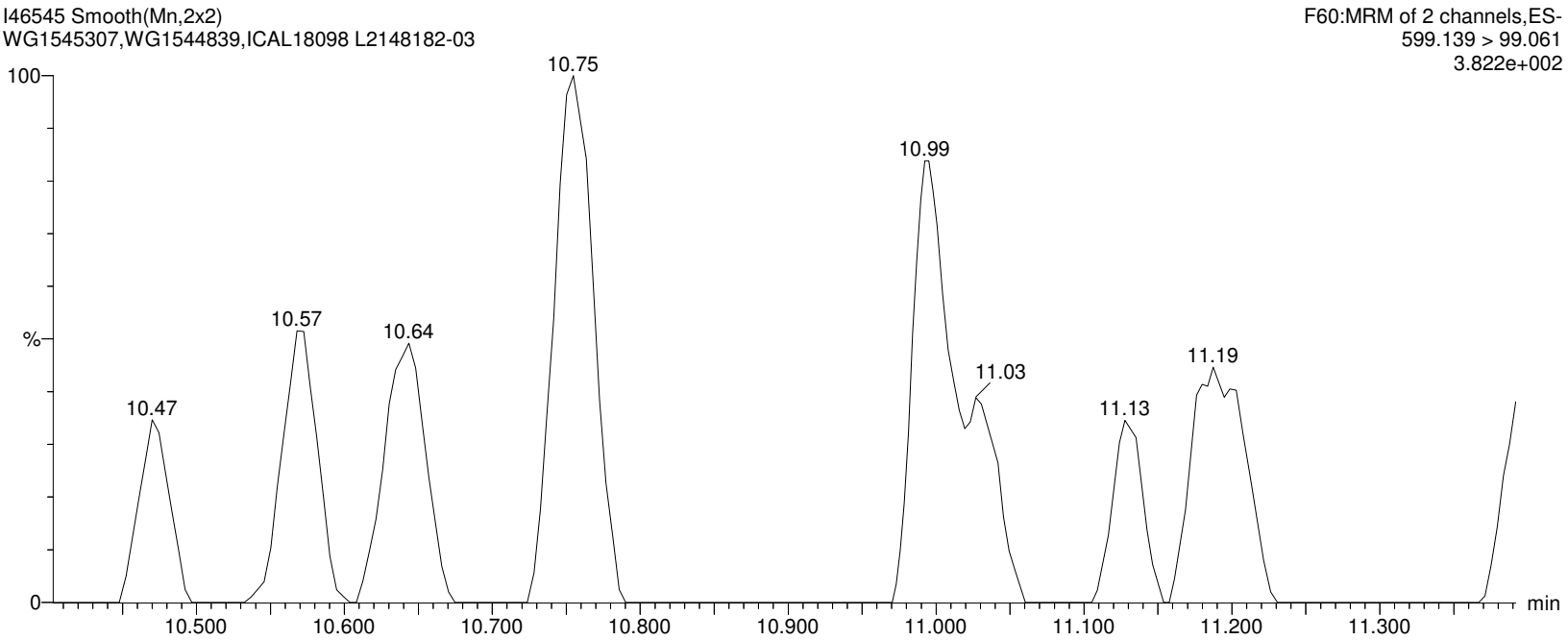
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:03 Eastern Daylight Time

Name: I46545
ID: L2148182-03
Date: 11-Sep-2021
Time: 18:21:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDS



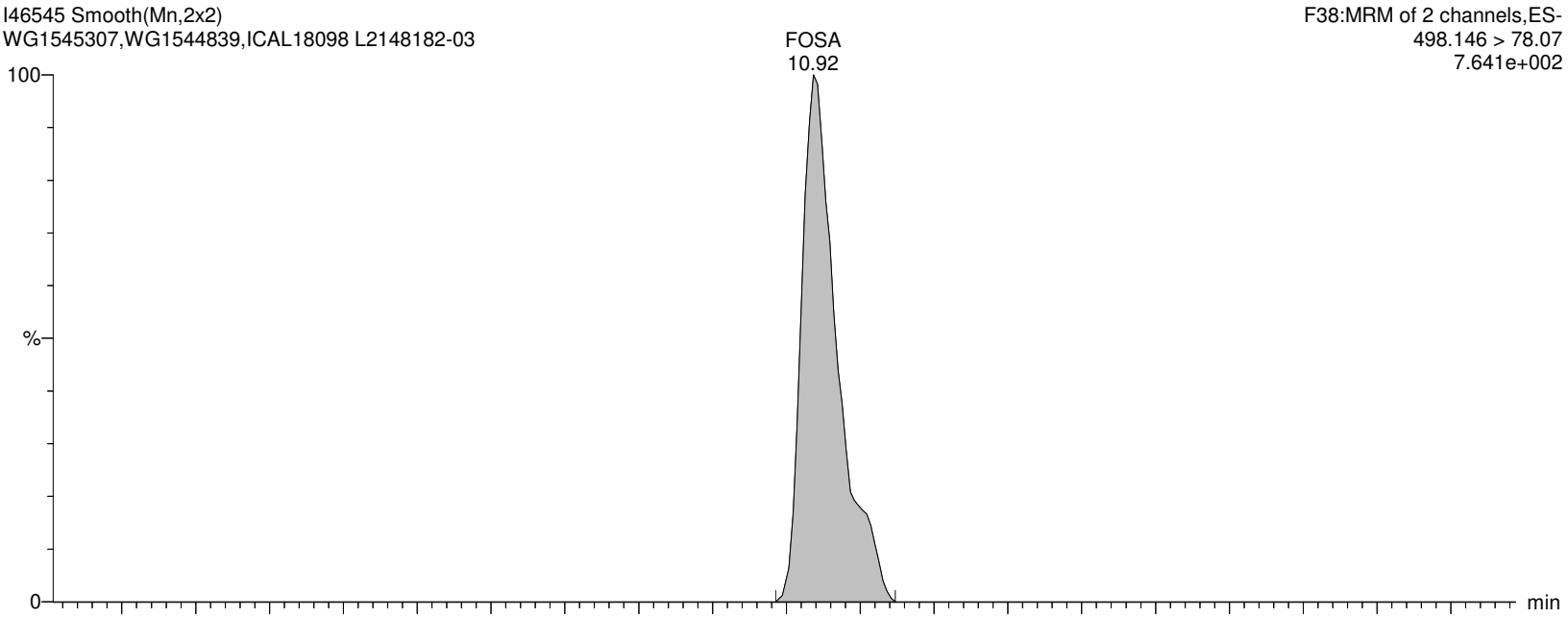


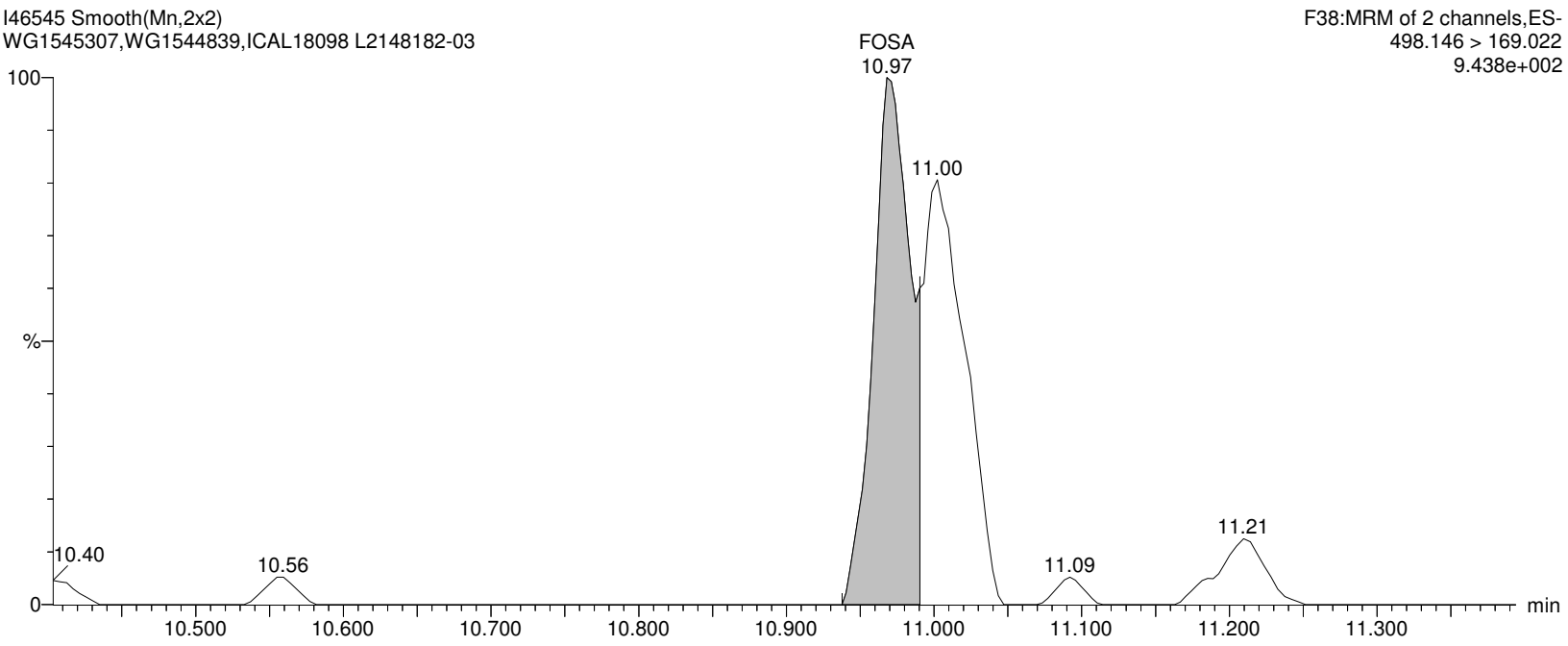
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:03 Eastern Daylight Time

Name: I46545
ID: L2148182-03
Date: 11-Sep-2021
Time: 18:21:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

FOSA



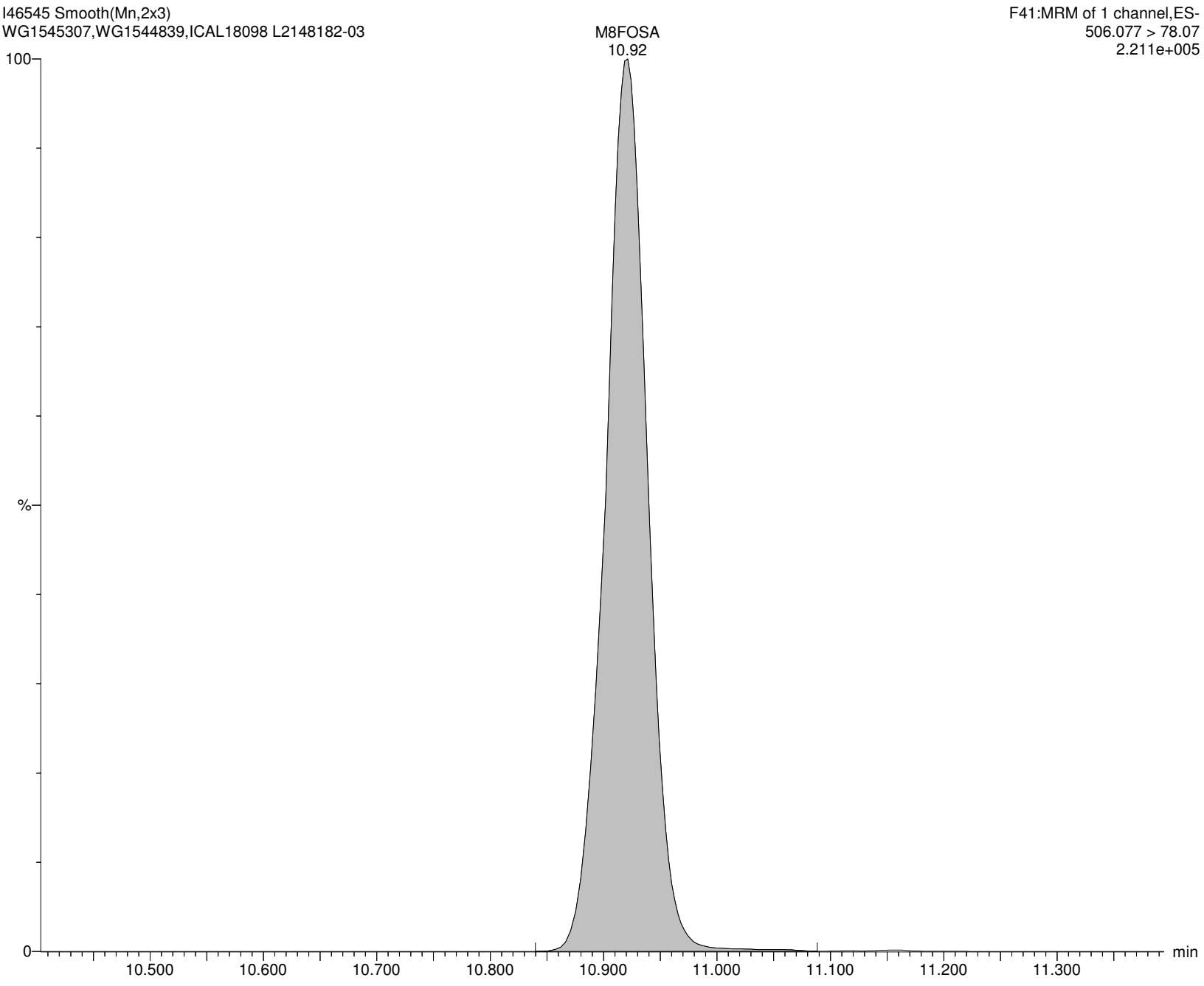


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:03 Eastern Daylight Time

Name: I46545
ID: L2148182-03
Date: 11-Sep-2021
Time: 18:21:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8FOSA

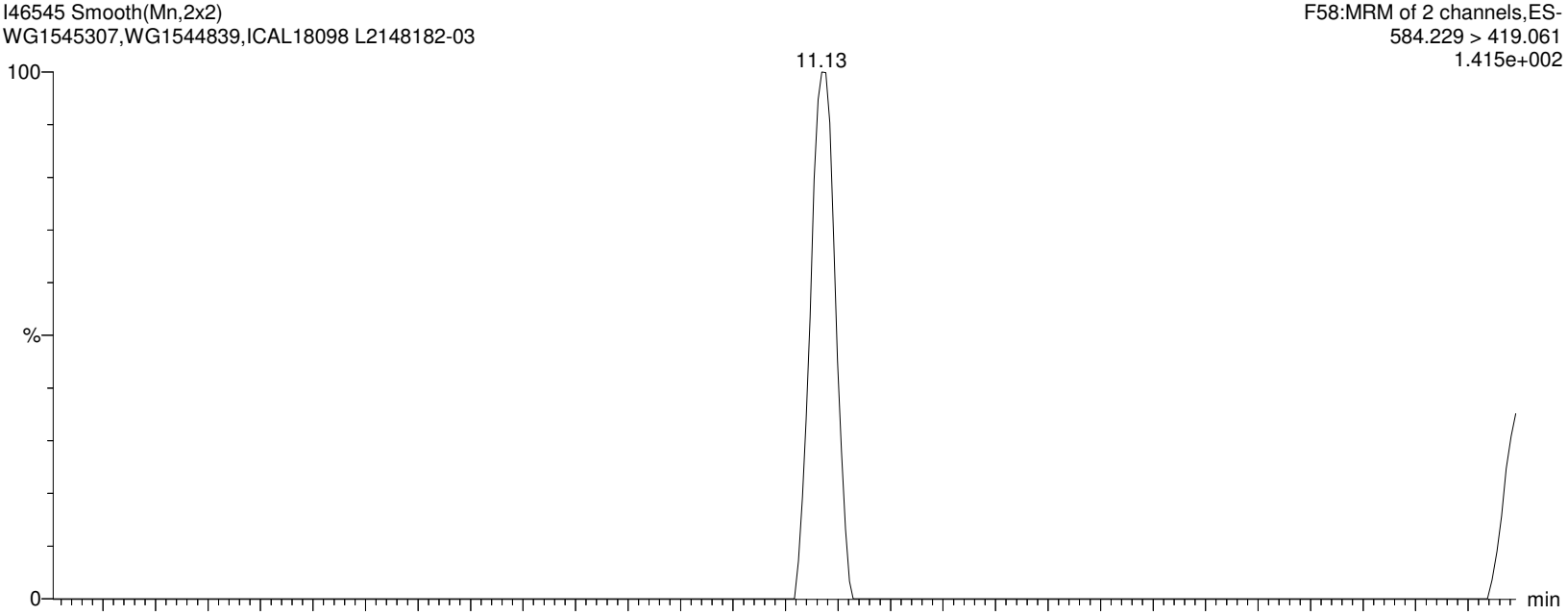


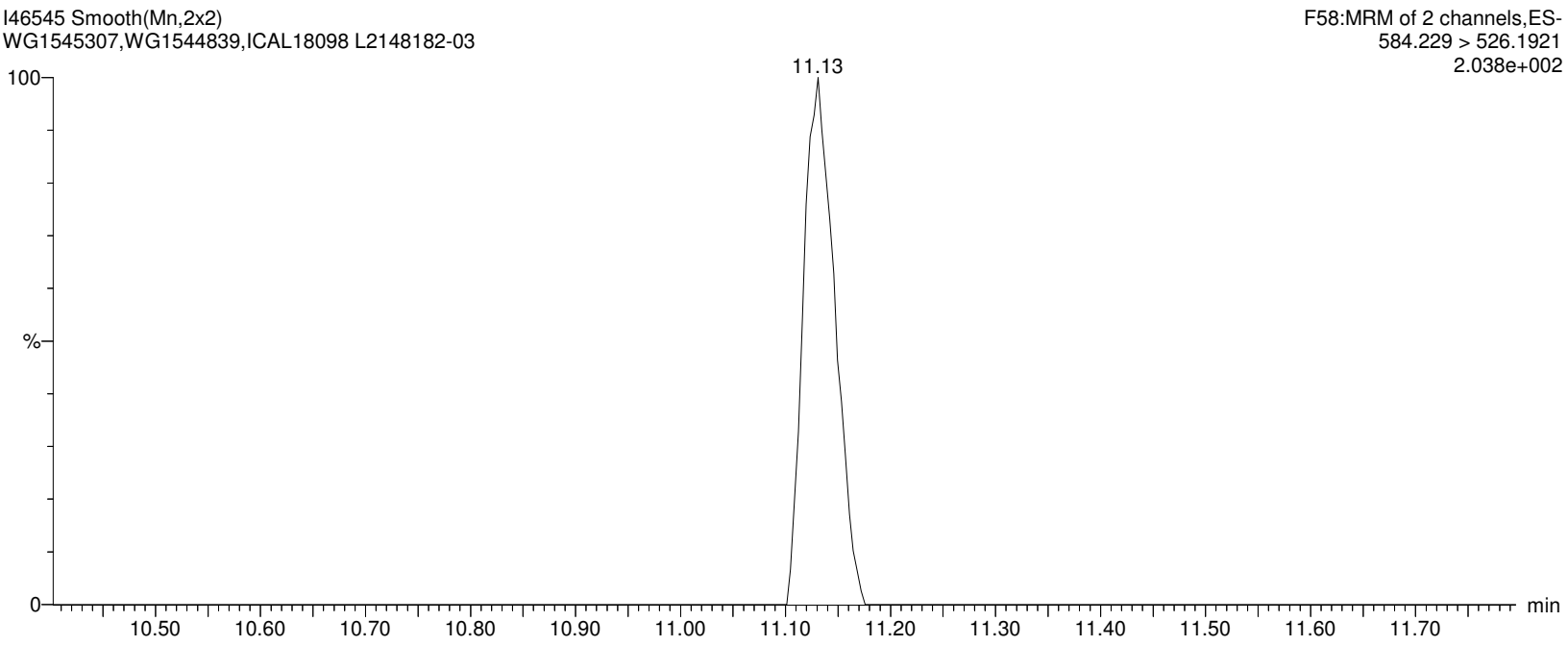
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:03 Eastern Daylight Time

Name: I46545
ID: L2148182-03
Date: 11-Sep-2021
Time: 18:21:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NEtFOSAA



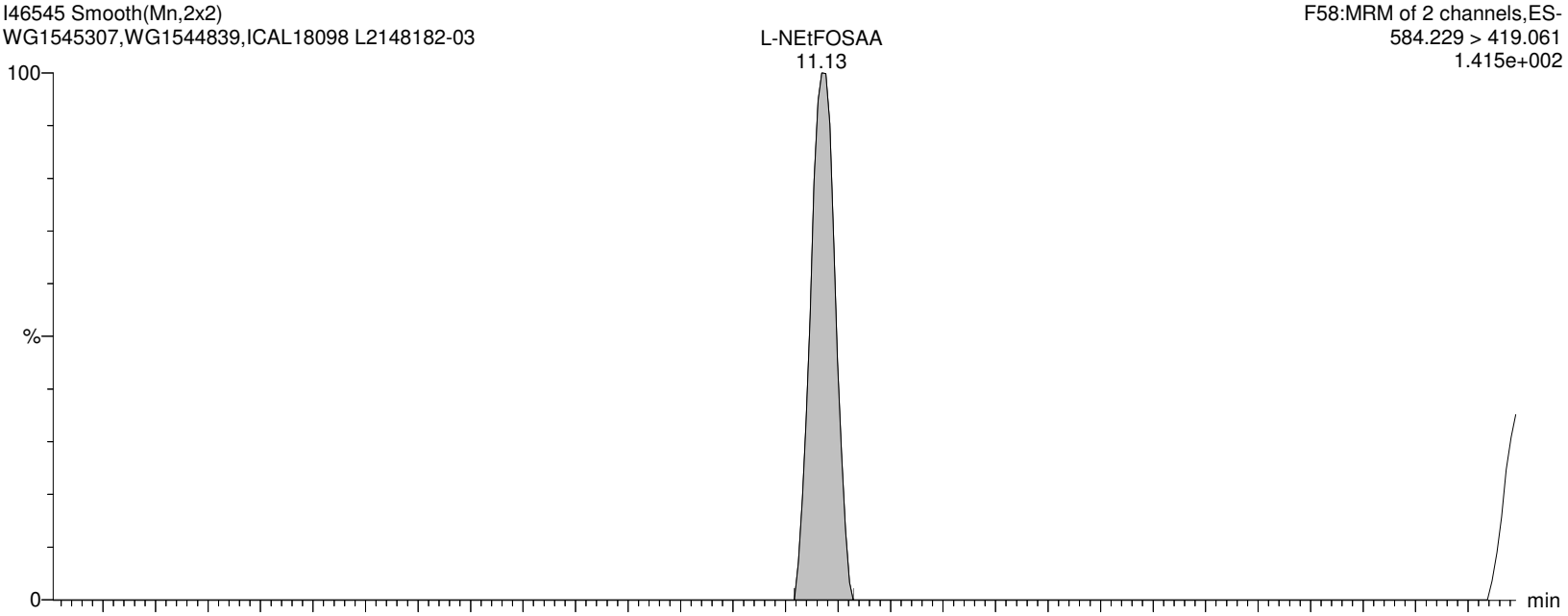


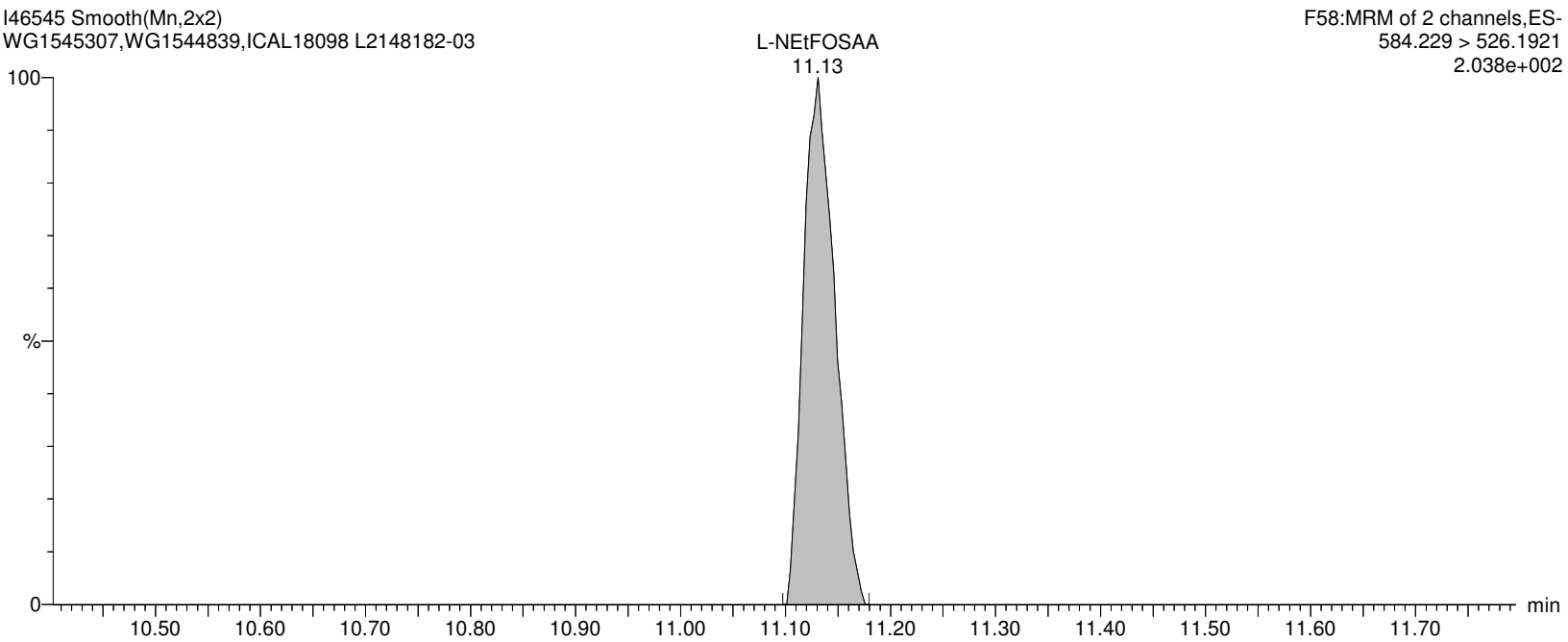
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:03 Eastern Daylight Time

Name: I46545
ID: L2148182-03
Date: 11-Sep-2021
Time: 18:21:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NEtFOSAA



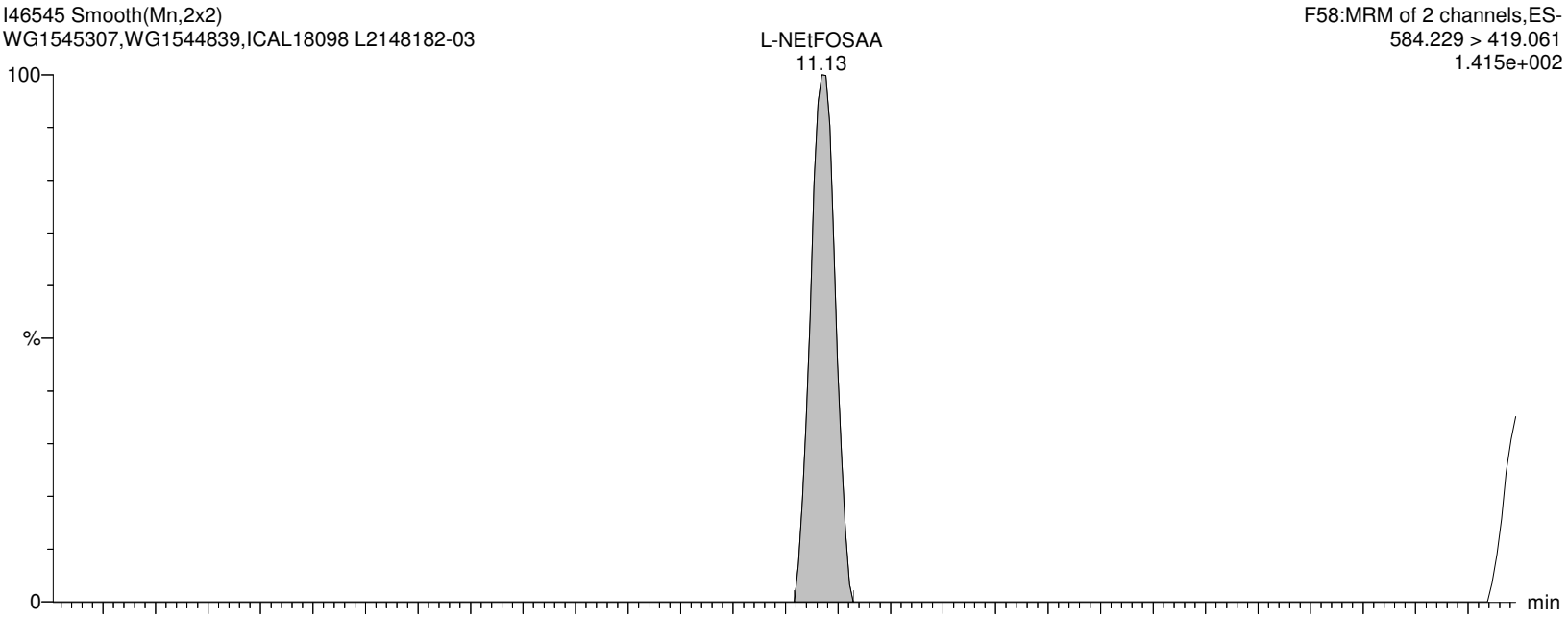


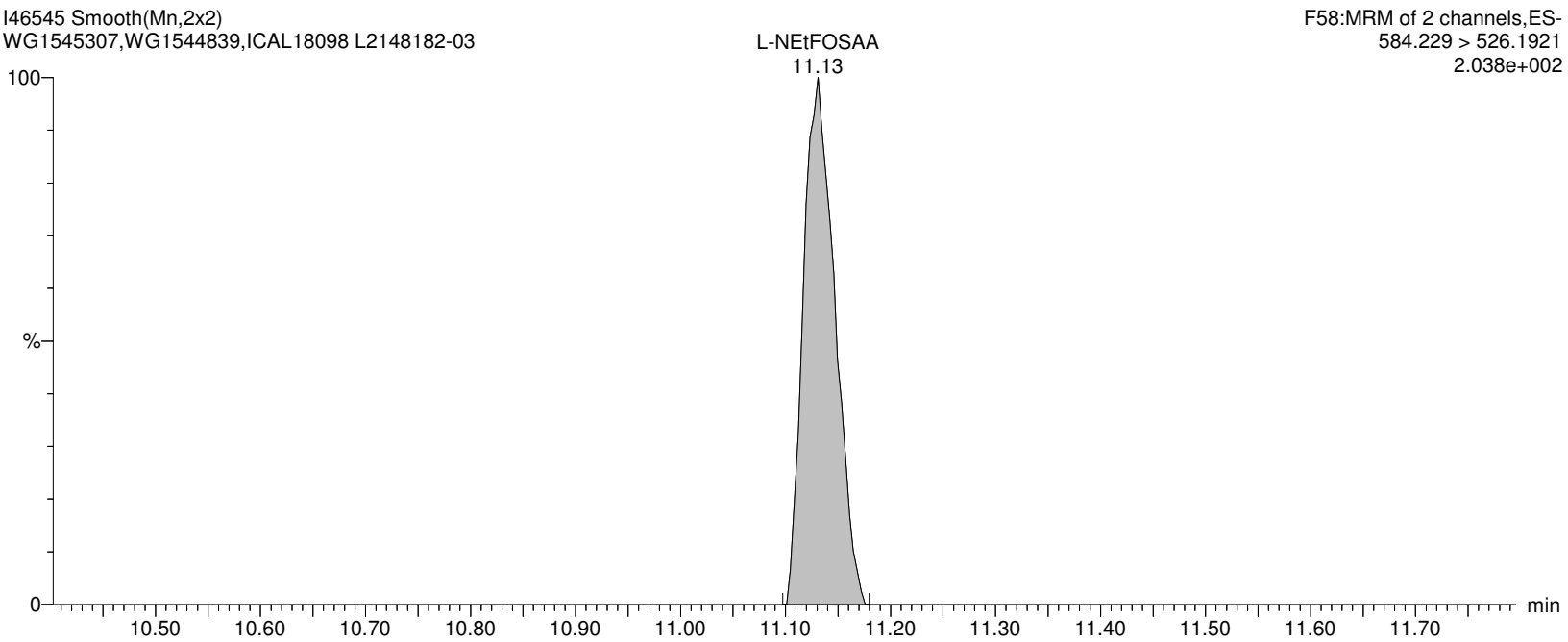
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:03 Eastern Daylight Time

Name: I46545
ID: L2148182-03
Date: 11-Sep-2021
Time: 18:21:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSAA



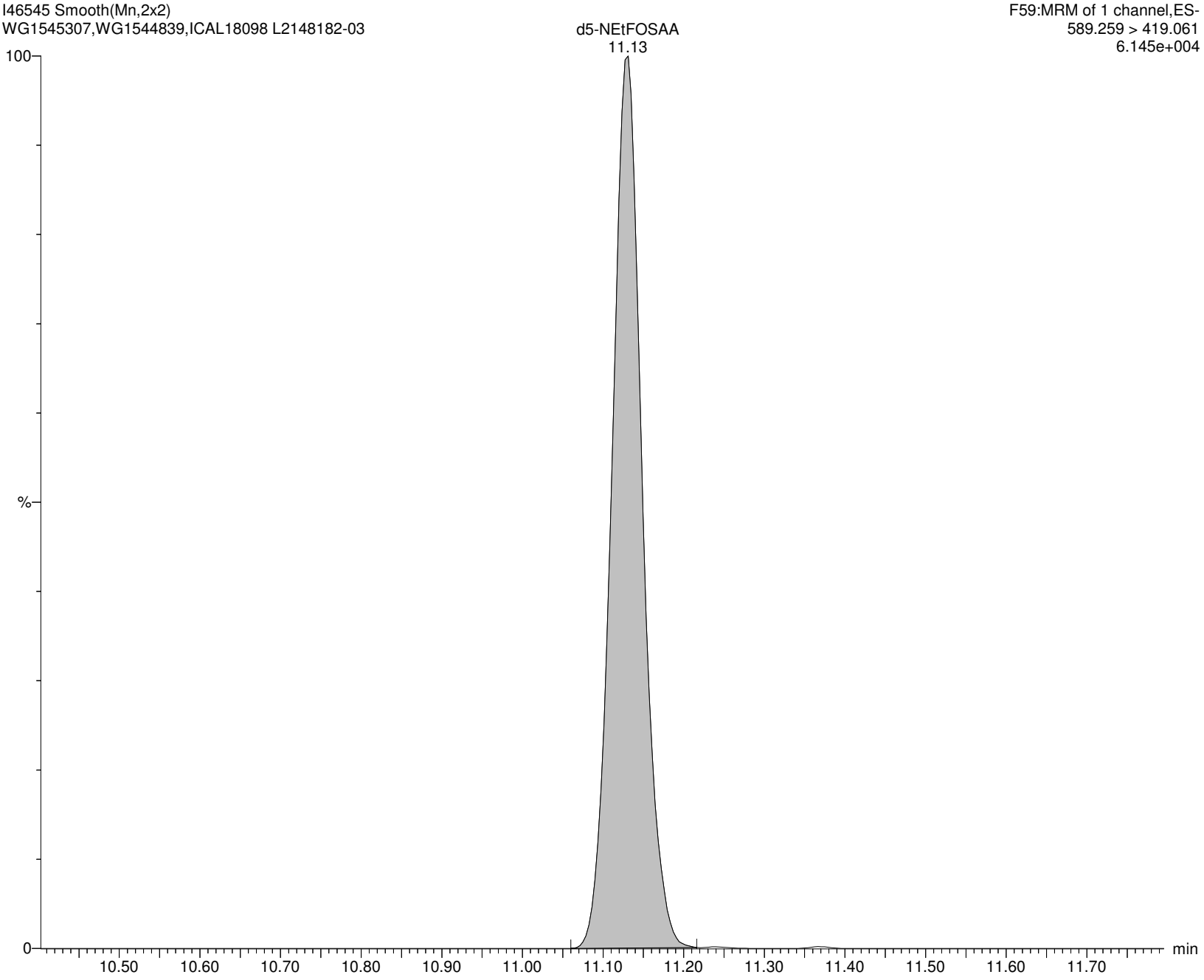


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:03 Eastern Daylight Time

Name: I46545
ID: L2148182-03
Date: 11-Sep-2021
Time: 18:21:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSAA

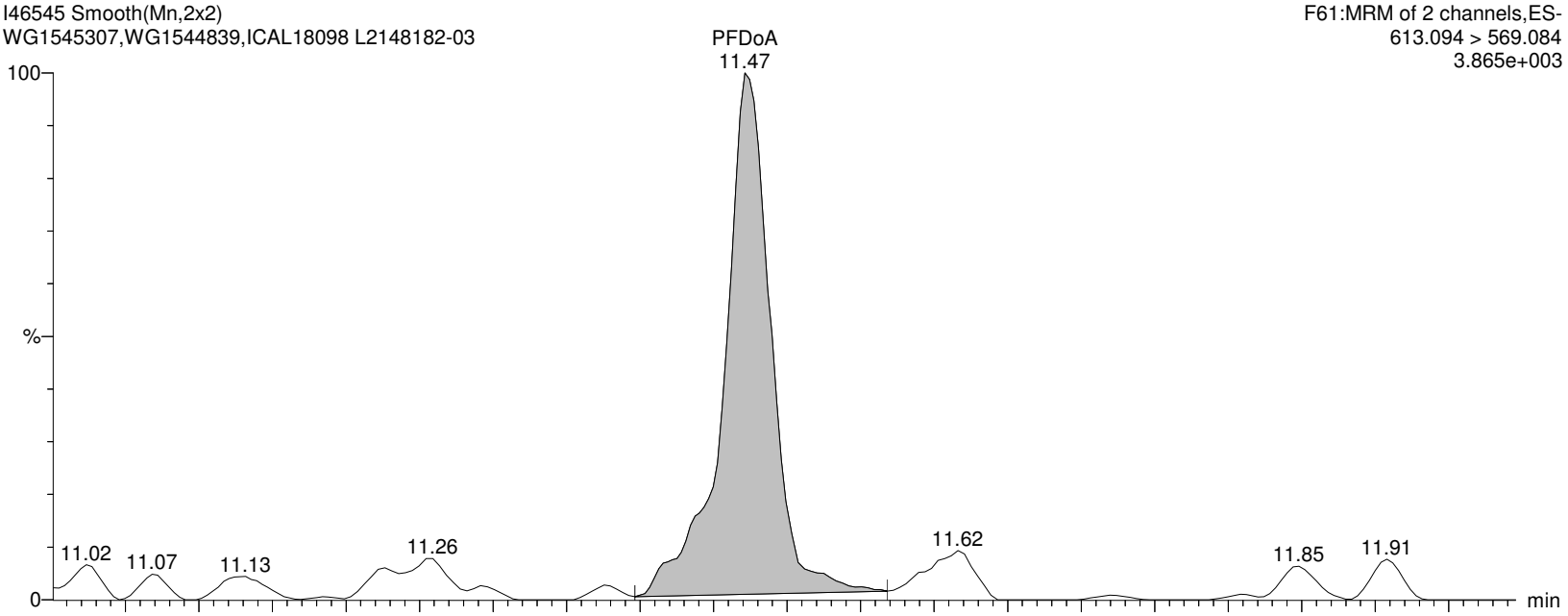


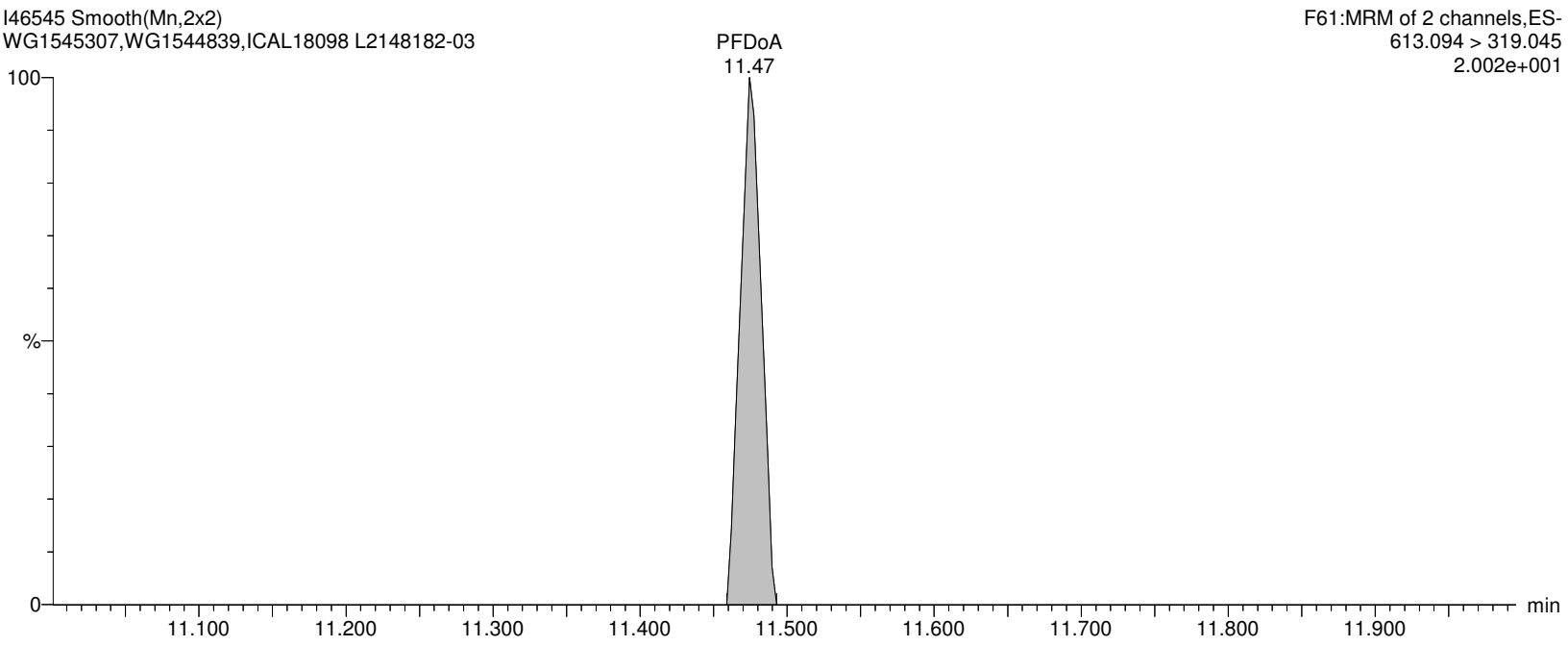
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:03 Eastern Daylight Time

Name: I46545
ID: L2148182-03
Date: 11-Sep-2021
Time: 18:21:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoA



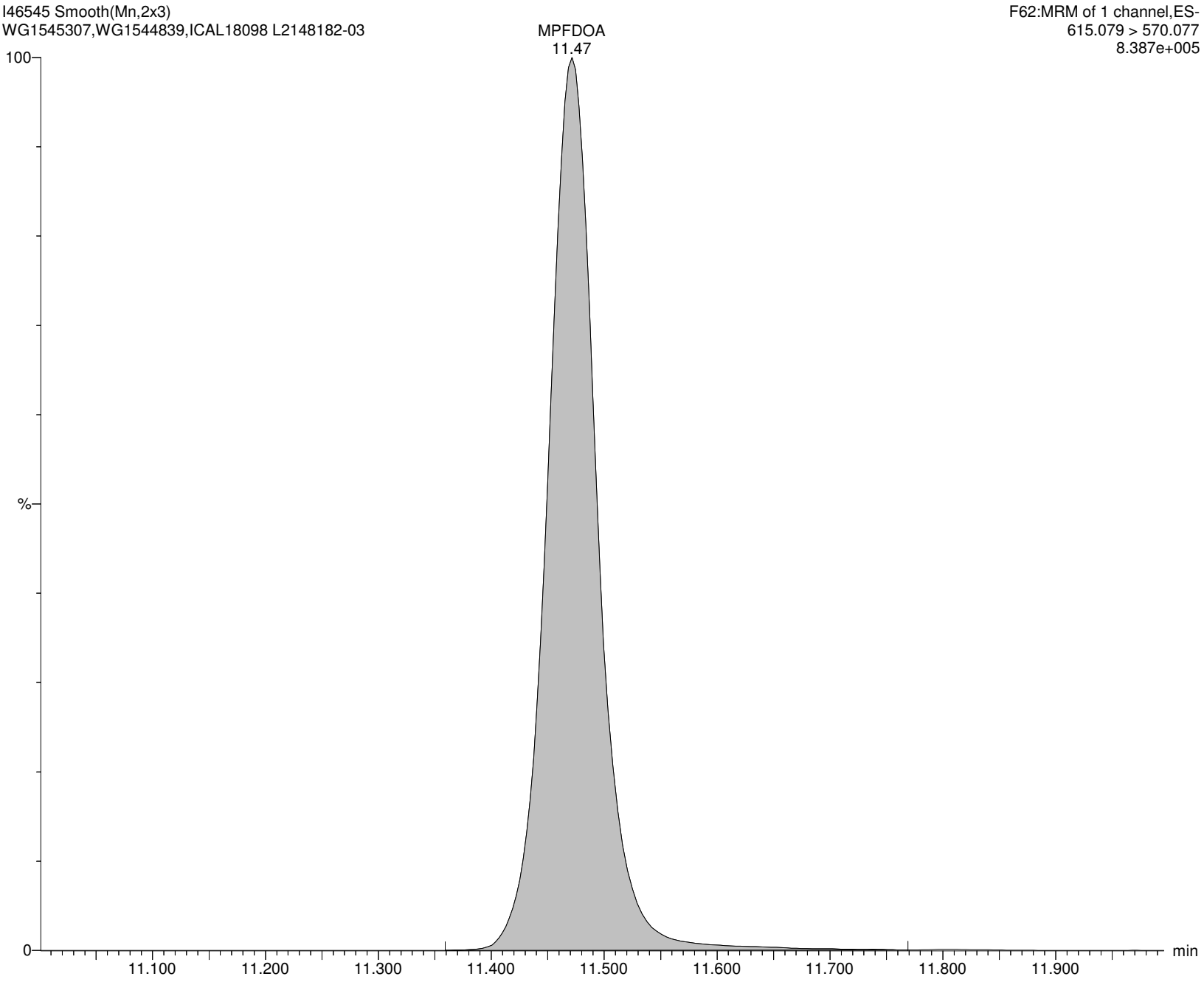


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:03 Eastern Daylight Time

Name: I46545
ID: L2148182-03
Date: 11-Sep-2021
Time: 18:21:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFDOA

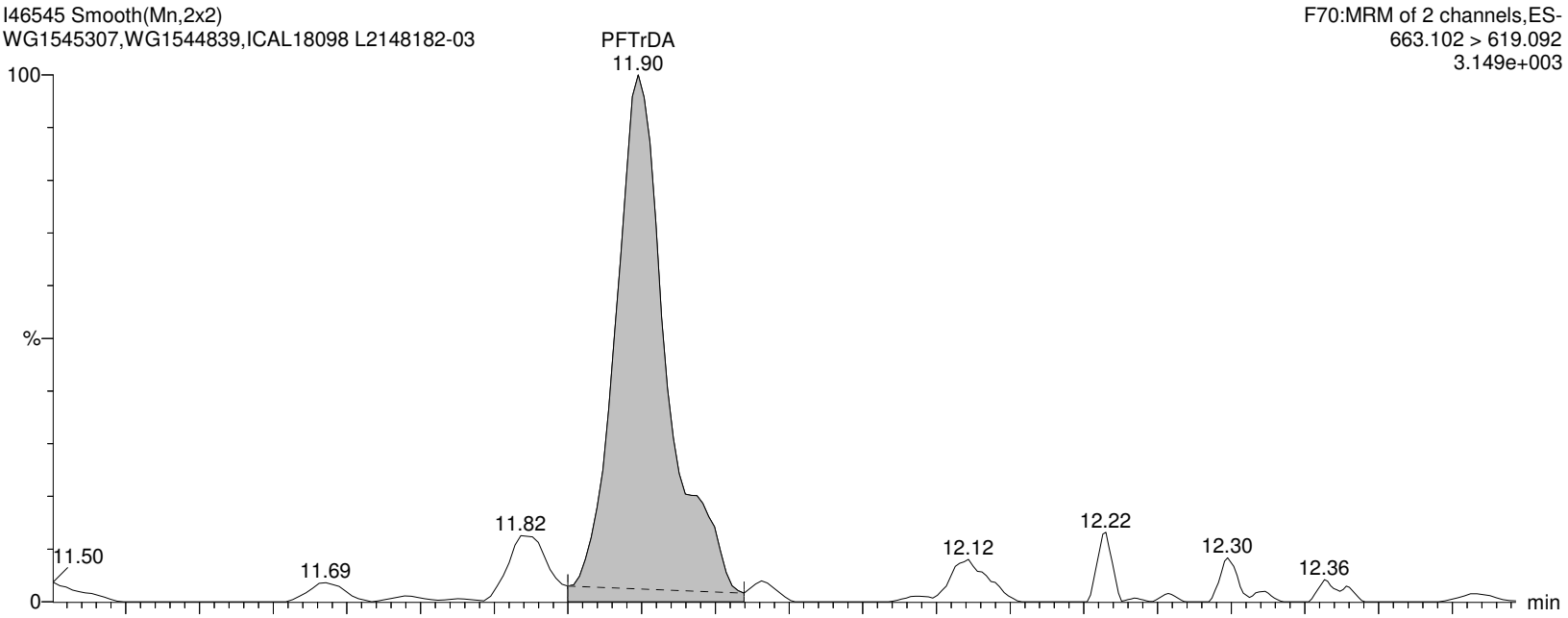


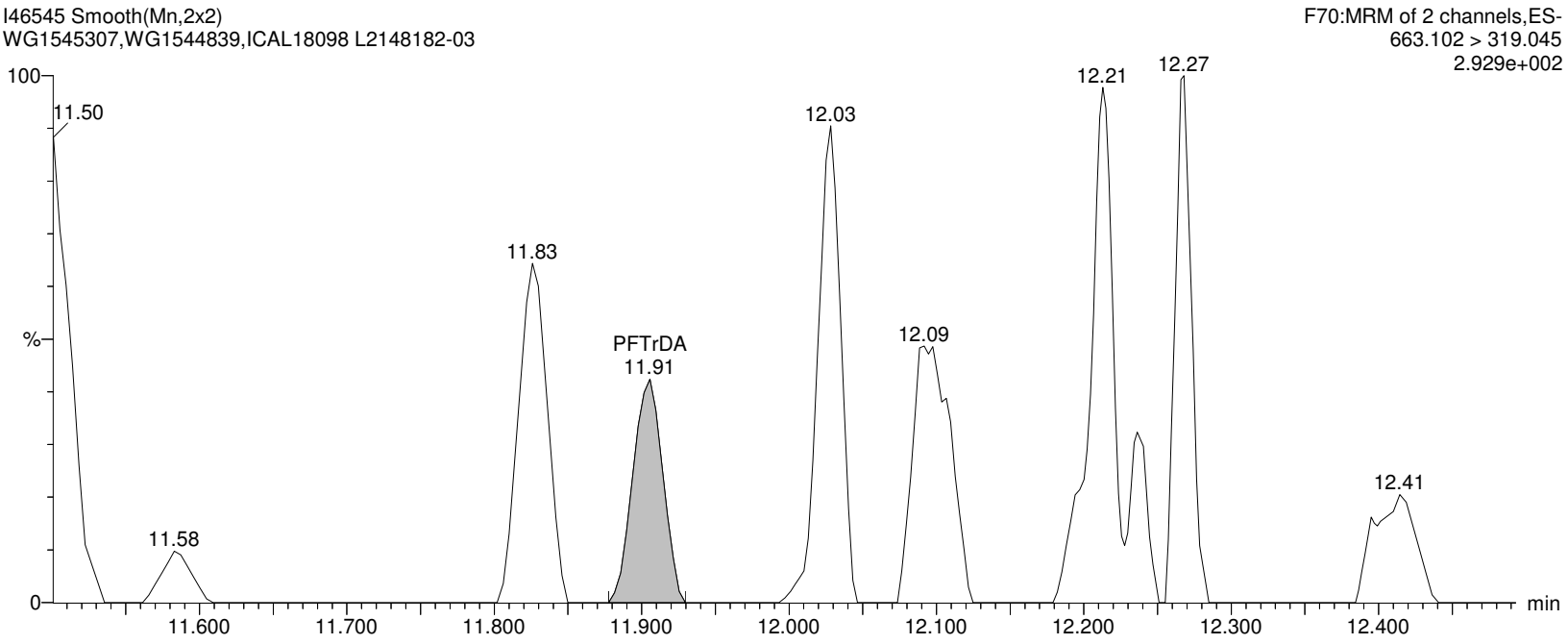
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:03 Eastern Daylight Time

Name: I46545
ID: L2148182-03
Date: 11-Sep-2021
Time: 18:21:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTrDA



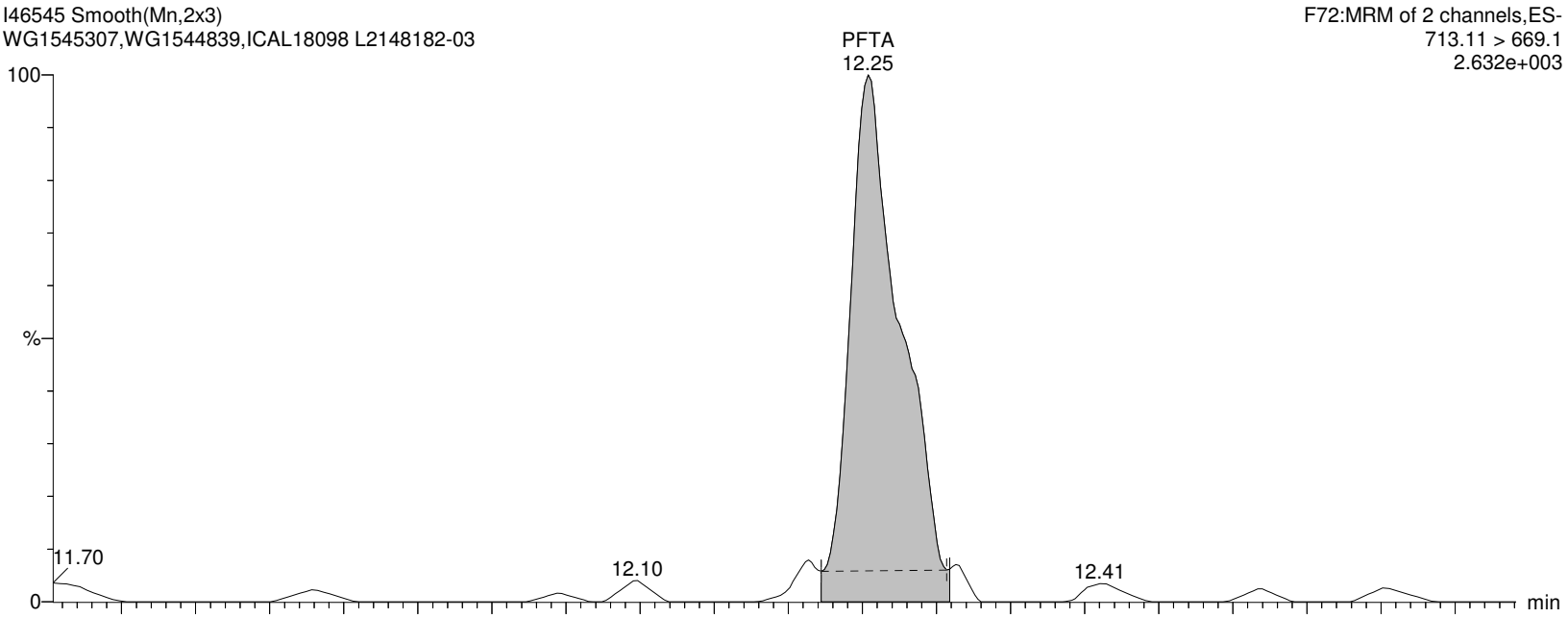


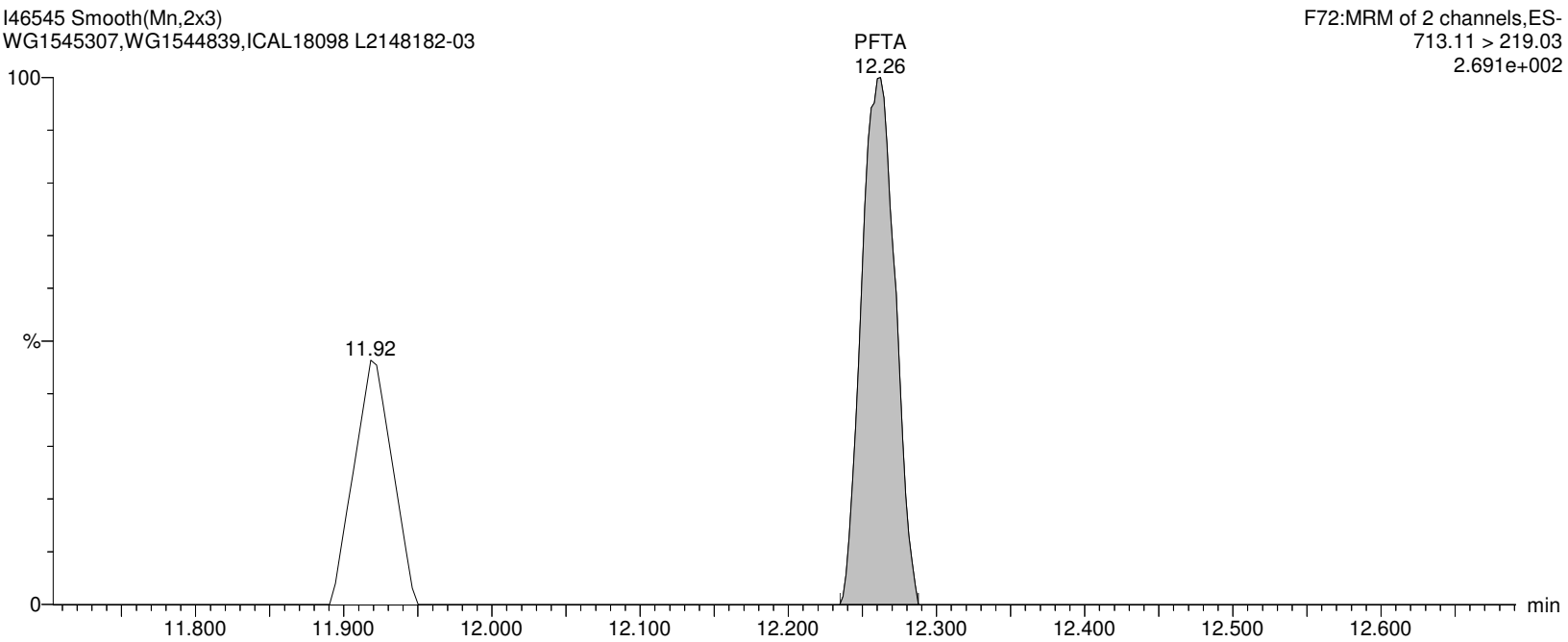
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:03 Eastern Daylight Time

Name: I46545
ID: L2148182-03
Date: 11-Sep-2021
Time: 18:21:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTA



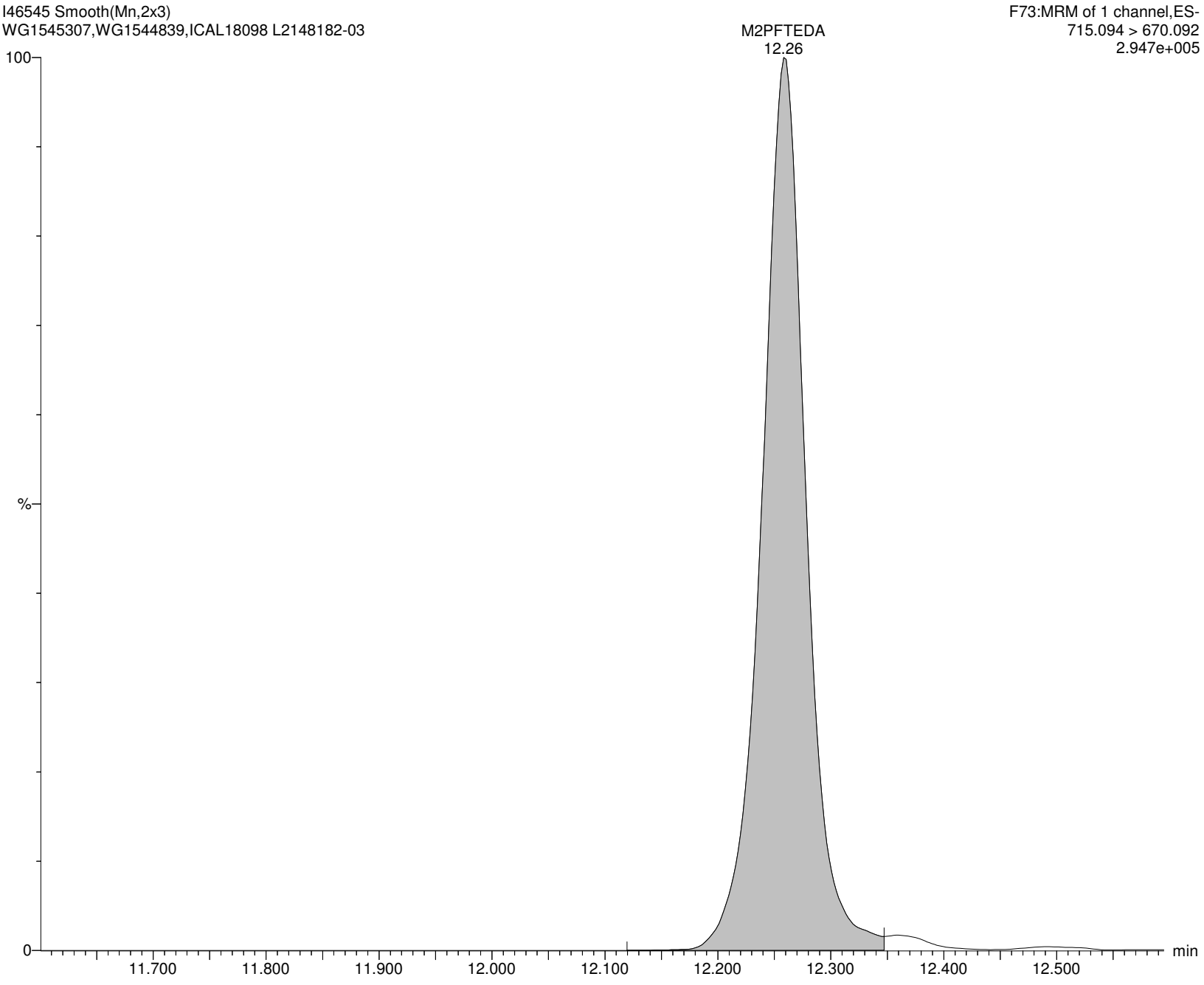


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:03 Eastern Daylight Time

Name: I46545
ID: L2148182-03
Date: 11-Sep-2021
Time: 18:21:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFTEDA



all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:05 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210911_537.PRO\MethDB\537ISO_Q_210625_TOP_RT2.mdb 03 Sep 2021 08:44:20
Calibration: C:\MassLynx\Data\2021\210911_537.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

ID: L2148182-04
Name: I46546
Date: 11-Sep-2021
Time: 18:38:14
Description: WG1545307,WG1544839,ICAL18098
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:SG
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.09	213.032 > 169.022	1453		0.429		na	
2	M3PFBA	INT STD	2.09	216.009 > 171.999	53915		10.270		na	102.7
3	MPFBA	INT STD	2.09	217.001 > 171.999	38085		6.570		na	65.7
4	PFPeA	2706-90-3	4.96	263.039 > 219.03	1114		0.279		na	
5	M5PFPEA	INT STD	4.95	268.001 > 222.999	42418		6.668		na	66.7
6	PFBS	375-73-5	5.60	299.092 > 80.062	424		0.344	2.03	NO	
7	M3PFBS	INT STD	5.60	302.069 > 80.062	11337		8.467		na	84.7
8	4:2FTS	757124-72-4		327.146 > 307.139			ND		YES	
9	M2-4:2FTS	INT STD	6.77	329.13 > 309.124	5959		11.106		na	111.1
10	PFHxA	307-24-4	6.85	313.047 > 269.037	1388	M7	0.288	15.80	NO	
11	M5PFHxA	INT STD	6.84	318.009 > 273.007	45415		7.241		na	72.4
12	PFPeS	2706-91-4	7.16	349.1 > 80.062	145	M4,M7	0.121	1.69	NO	
13	PFHpA	375-85-9	8.12	363.055 > 319.045	1457		0.226	5.95	NO	
14	M4PFHpA	INT STD	8.11	367.025 > 322.022	63816		6.825		na	68.2
15	br-PFHxS	355-46-4	8.03	399.107 > 80.062	77	M5,M7	0.067	1.37	NO	
16	L-PFHxS	355-46-4	8.27	399.107 > 80.062	400	M4,M7	0.267	1.88	NO	
17	PFHxS	355-46-4		399.107 > 80.062	477		0.335		na	
18	M3PFHxS	INT STD	8.27	402.084 > 80.062	13715		9.032		na	90.3
19	br-PFOA	335-67-1	8.83	413.063 > 369.053	1141	M5,M7	0.166	2.16	NO	
20	L-PFOA	335-67-1	9.06	413.063 > 369.053	4049		0.588	9.09	NO	
21	PFOA	335-67-1		413.063 > 369.053	5190		0.753		na	
22	M8PFOA	INT STD	9.06	421.002 > 376.	71524		6.869		na	68.7
23	M2PFOA	INT STD	9.06	415.048 > 370.045	102567		9.684		na	96.8
24	6:2FTS	27619-97-2	9.01	427.161 > 407.155	14	M4,M7	0.028	1.76	YES	
25	M2-6:2FTS	INT STD	9.01	429.146 > 409.14	4992		9.062		na	90.6
26	PFHpS	375-92-8	9.16	449.115 > 80.062	59	M4,M7	0.065	1.04	NO	
27	PFNA	375-95-1	9.81	463.071 > 419.061	243	M4,M7	0.044	4.23	NO	
28	M9PFNA	INT STD	9.81	472.002 > 427.	21958		7.341		na	73.4
29	br-PFOS	1763-23-1	9.62	499.123 > 80.062	2101	M5,M7	1.498	5.46	NO	
30	L-PFOS	1763-23-1	9.87	499.123 > 80.062	326	M4,M7	0.290	1.67	NO	
31	PFOS	1763-23-1		499.123 > 80.062	2427		1.788		na	
32	M4PFOS	INT STD	9.87	503.093 > 80.062	12136		10.722		na	107.2
33	M8PFOS	INT STD	9.87	507.062 > 80.062	12741		9.370		na	93.7
34	PFDA	335-76-2	10.45	513.078 > 469.069	108	M4,M7	0.021	10.05	YES	
35	M2PFDA	INT STD	10.44	515.053 > 469.934	60314		9.887		na	98.9
36	M6PFDA	INT STD	10.44	519.033 > 474.03	52351		7.647		na	76.5
37	8:2FTS	39108-34-4		527.177 > 507.171			ND		YES	
38	M2-8:2FTS	INT STD	10.44	529.162 > 509.155	3206		7.917		na	79.2
39	PFNS	68259-12-1		549.131 > 80.062			ND		YES	

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:05 Eastern Daylight Time

ID: L2148182-04
Name: I46546
Date: 11-Sep-2021
Time: 18:38:14
Description: WG1545307,WG1544839,ICAL18098
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:SG
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.84	573.22 > 419.061	3081		4.775		na	47.7
41	br-NMeFOSAA			570.202 > 419.061			ND		YES	
42	L-NMeFOSAA			570.202 > 419.061			ND		YES	
43	NMeFOSAA	2355-31-9		570.202 > 419.061	0		ND		na	
44	PFUnA	2058-94-8		563.086 > 519.076			ND		YES	
45	M7-PFUDA	INT STD	10.99	570.033 > 525.031	53790		8.425		na	84.3
46	PFDS	335-77-3		599.139 > 80.062			ND		YES	
47	FOSA	754-91-6		498.146 > 78.07			ND		YES	
48	M8FOSA	INT STD	10.93	506.077 > 78.07	6134		1.655		na	16.6
49	br-NEtFOSAA			584.229 > 419.061			ND		YES	
50	L-NEtFOSAA			584.229 > 419.061			ND		YES	
51	NEtFOSAA	2991-50-6		584.229 > 419.061	0		ND		na	
52	d5-NEtFOSAA	INT STD	11.13	589.259 > 419.061	3118		5.847		na	58.5
53	PFDoA	307-55-1		613.094 > 569.084			ND		YES	
54	MPFDOA	INT STD	11.47	615.079 > 570.077	45814		7.438		na	74.4
55	PFTrDA	72629-94-8		663.102 > 619.092			ND		YES	
56	PFTA	376-06-7		713.11 > 669.1			ND		YES	
57	M2PFTEDA	INT STD	12.26	715.094 > 670.092	12652		6.549		na	65.5

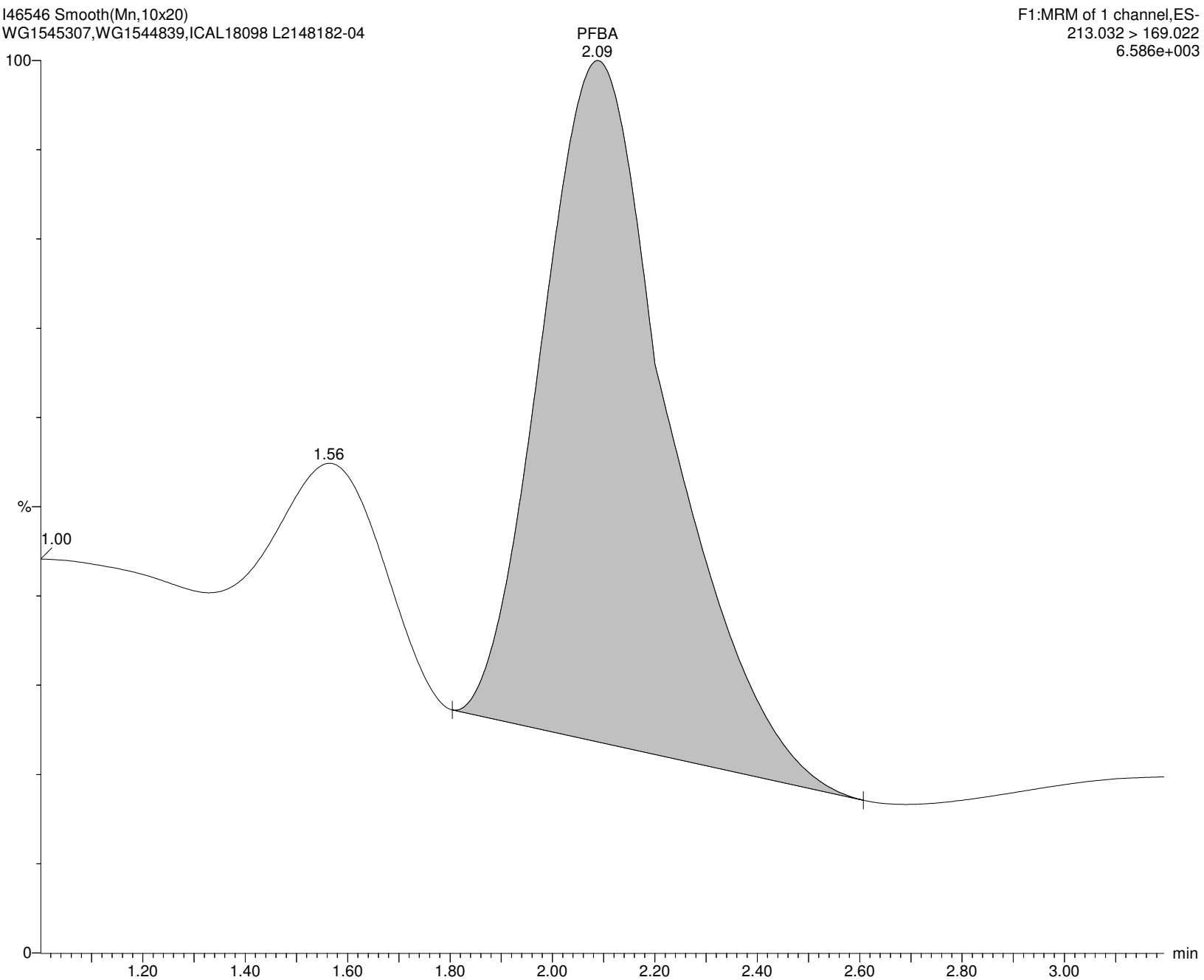
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:05 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210911_537.PRO\MethDB\537ISO_Q_210625_TOP_RT2.mdb 03 Sep 2021 08:44:20
Calibration: C:\MassLynx\Data\2021\210911_537.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

Name: I46546
ID: L2148182-04
Date: 11-Sep-2021
Time: 18:38:14
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBA

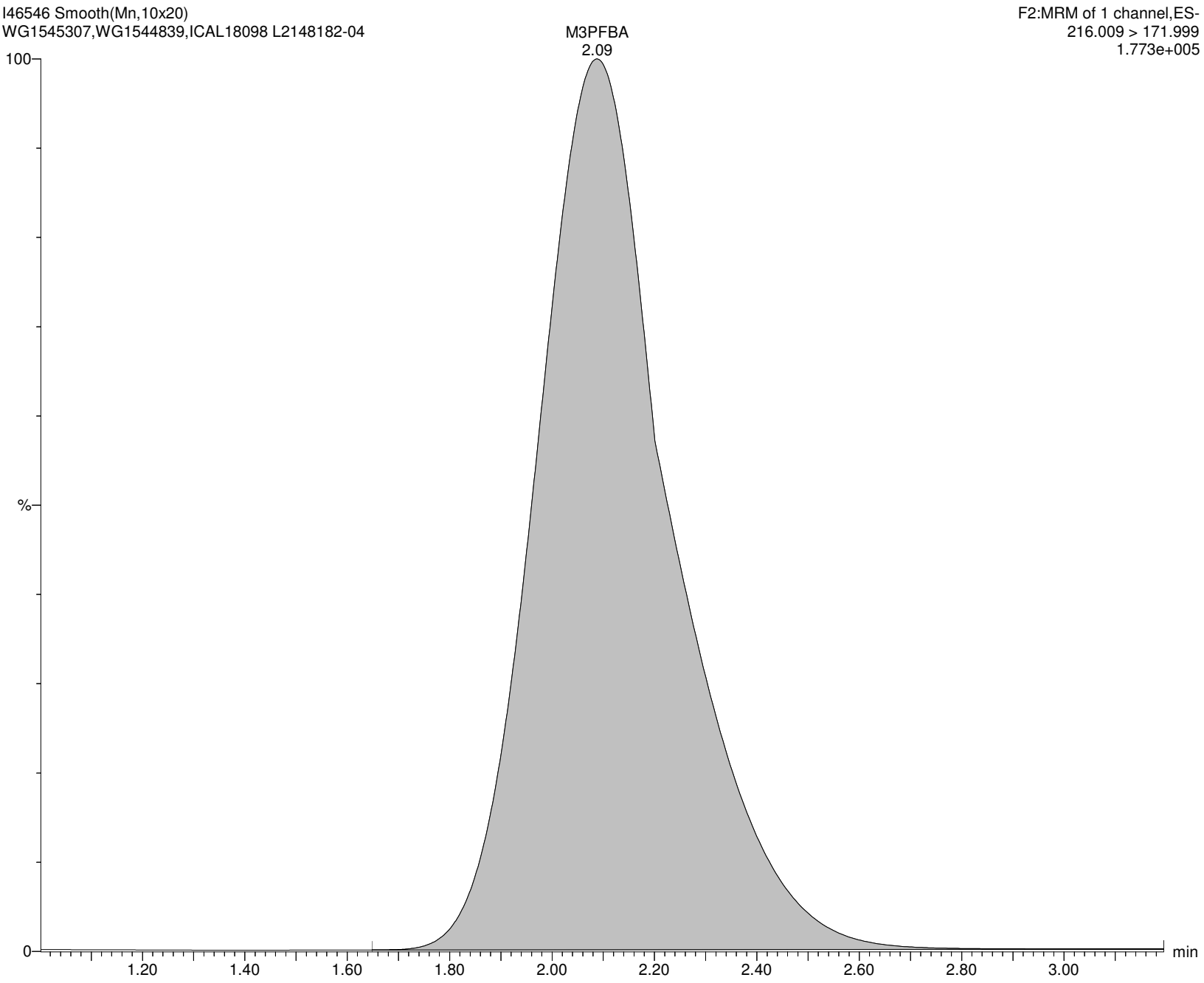


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:05 Eastern Daylight Time

Name: I46546
ID: L2148182-04
Date: 11-Sep-2021
Time: 18:38:14
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBA

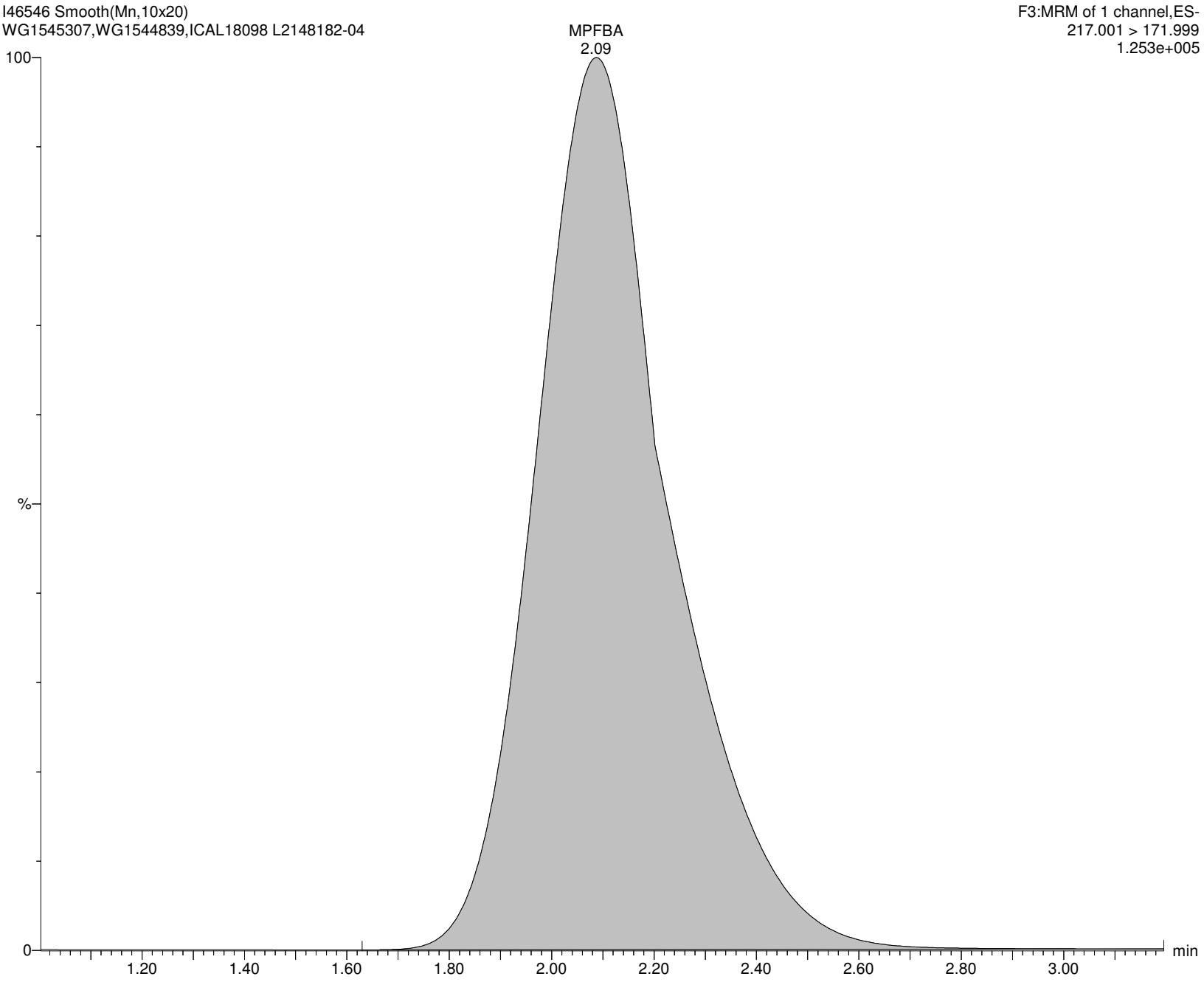


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:05 Eastern Daylight Time

Name: I46546
ID: L2148182-04
Date: 11-Sep-2021
Time: 18:38:14
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFBA

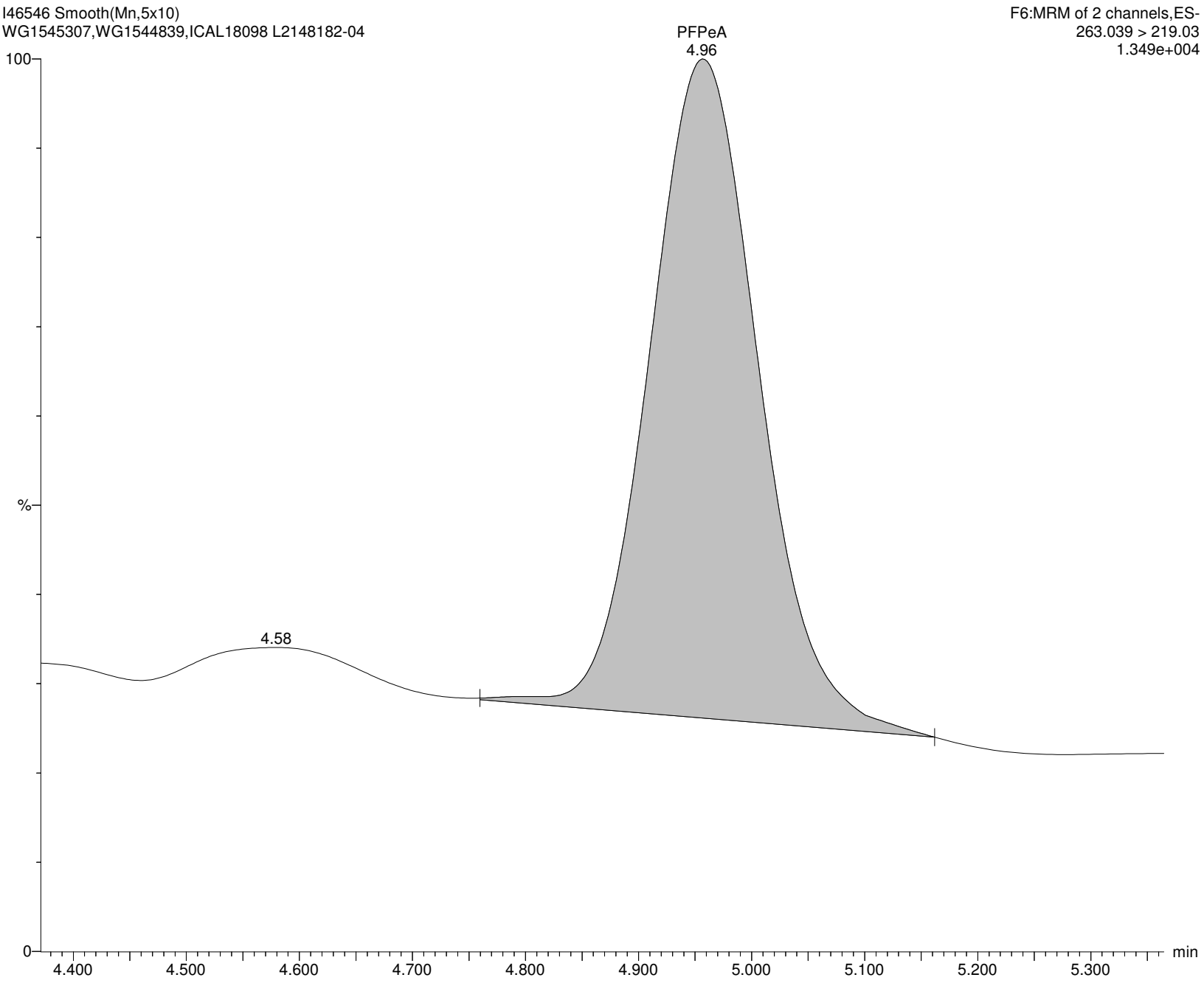


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:05 Eastern Daylight Time

Name: I46546
ID: L2148182-04
Date: 11-Sep-2021
Time: 18:38:14
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeA

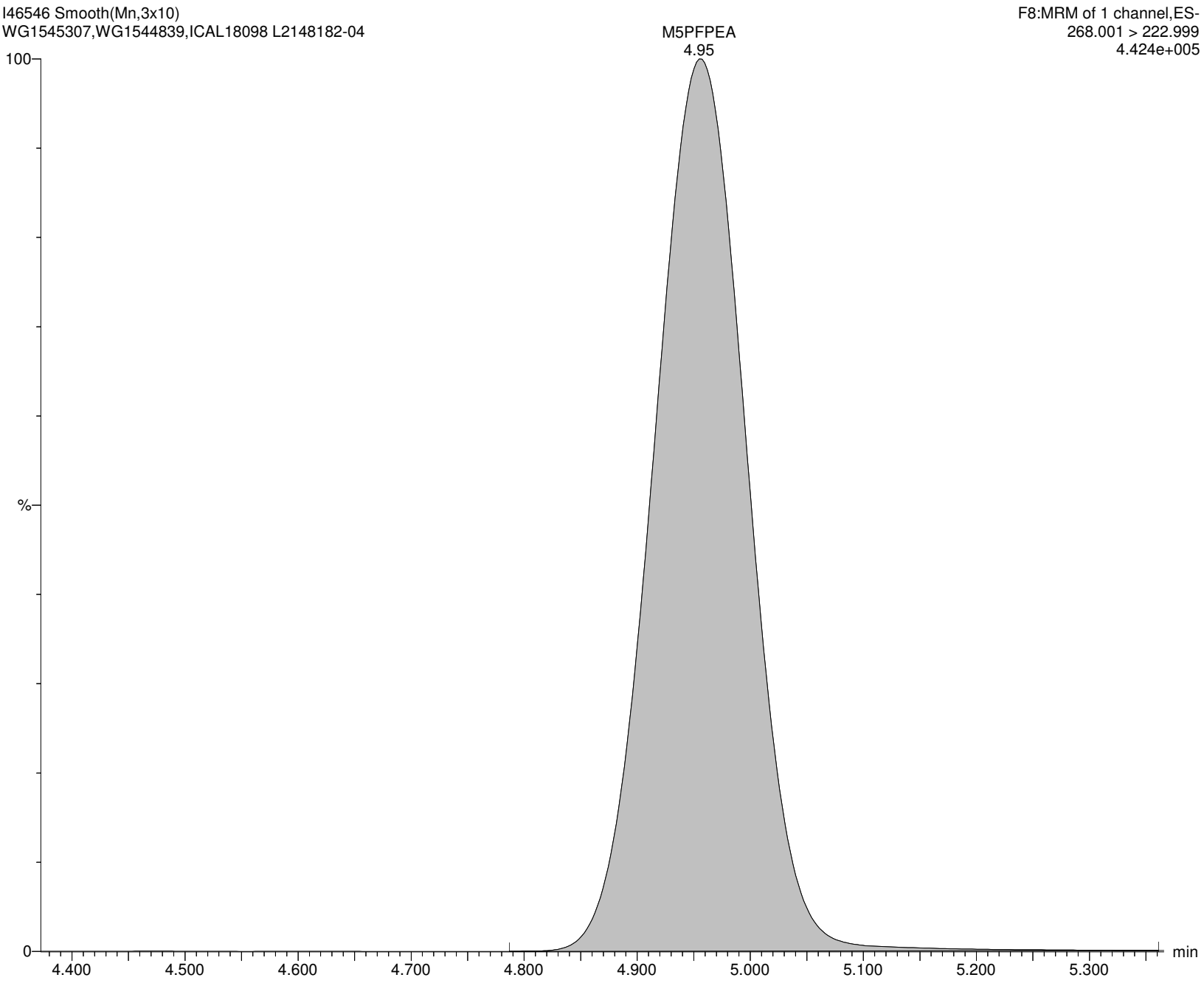


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:05 Eastern Daylight Time

Name: I46546
ID: L2148182-04
Date: 11-Sep-2021
Time: 18:38:14
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFPEA

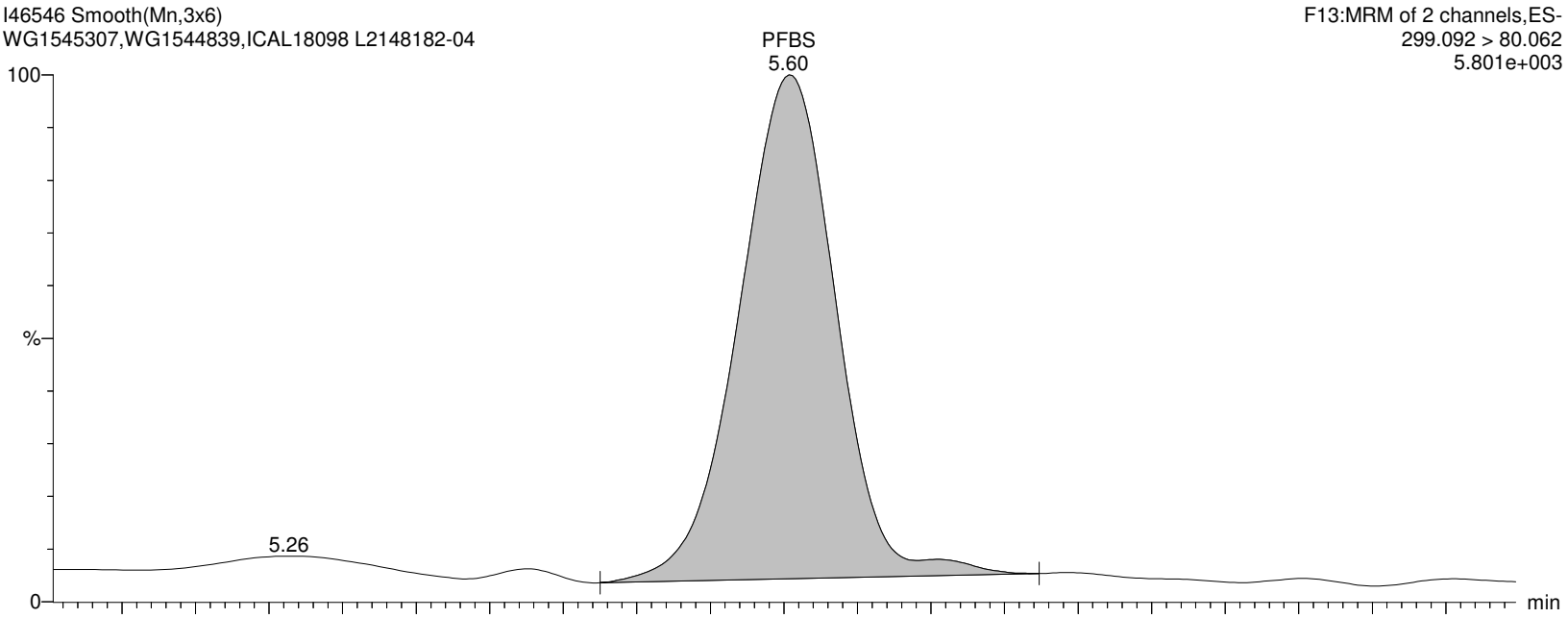


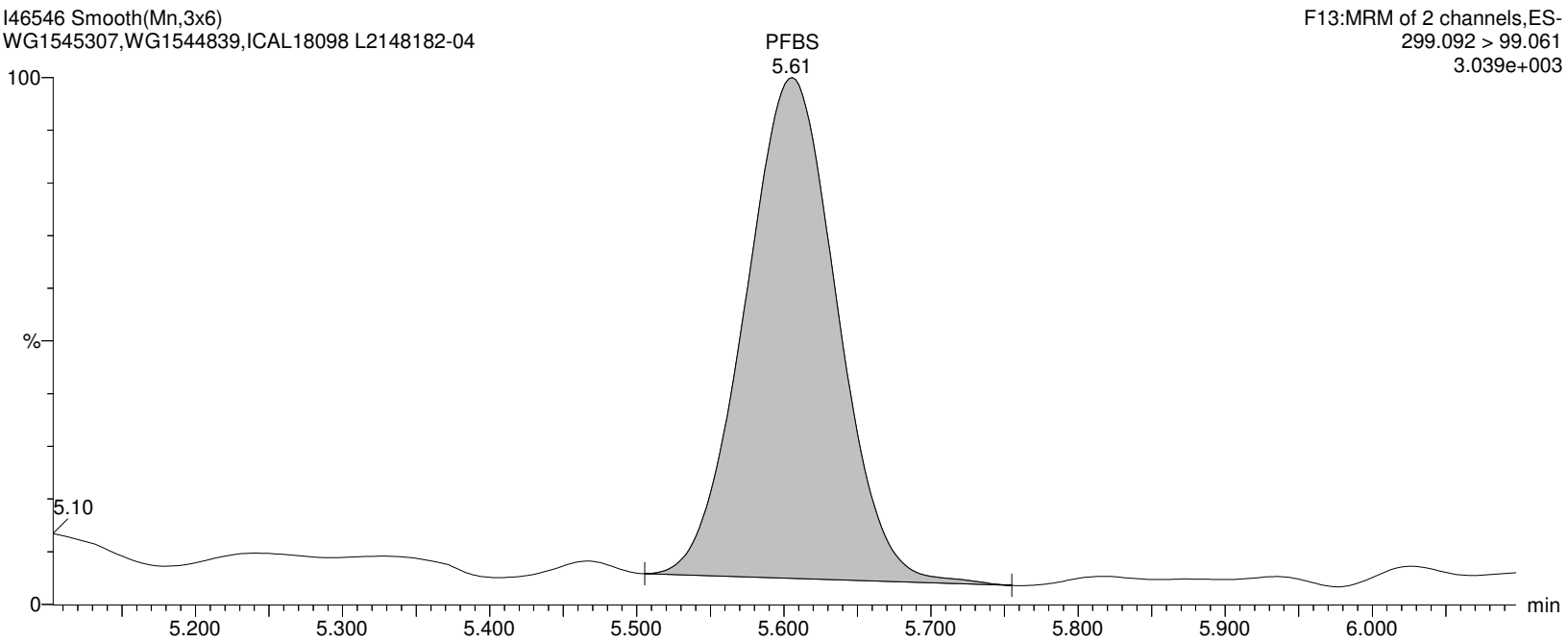
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:05 Eastern Daylight Time

Name: I46546
ID: L2148182-04
Date: 11-Sep-2021
Time: 18:38:14
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBS



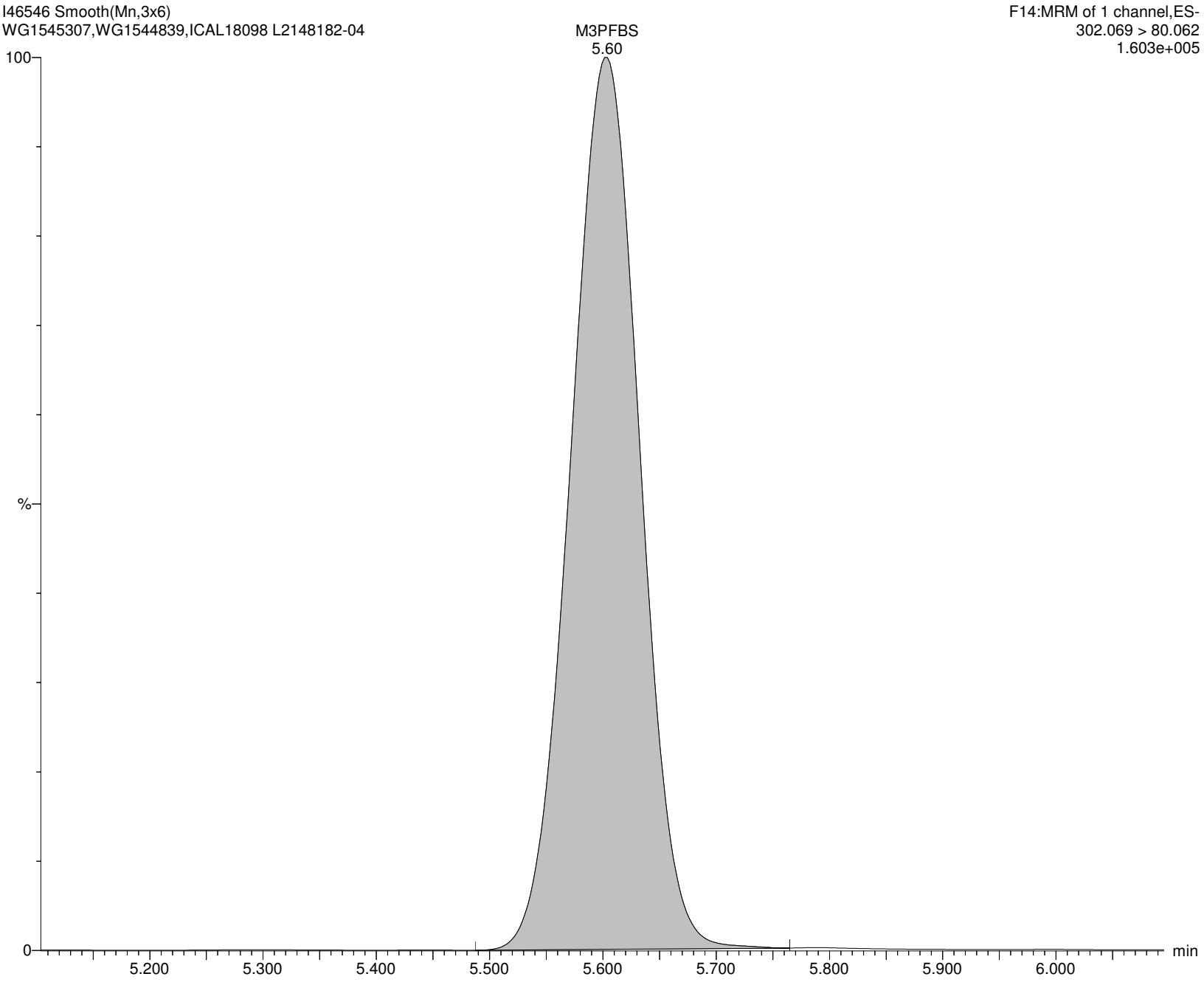


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:05 Eastern Daylight Time

Name: I46546
ID: L2148182-04
Date: 11-Sep-2021
Time: 18:38:14
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBS

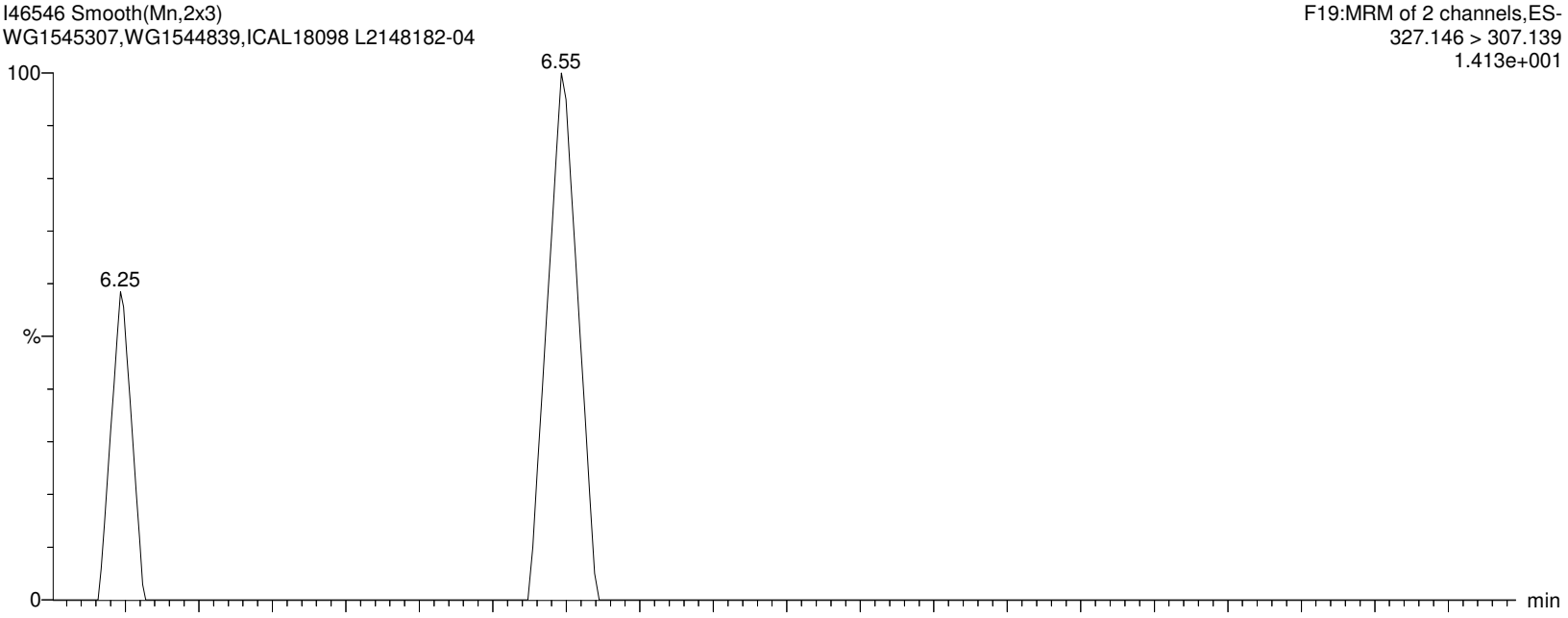


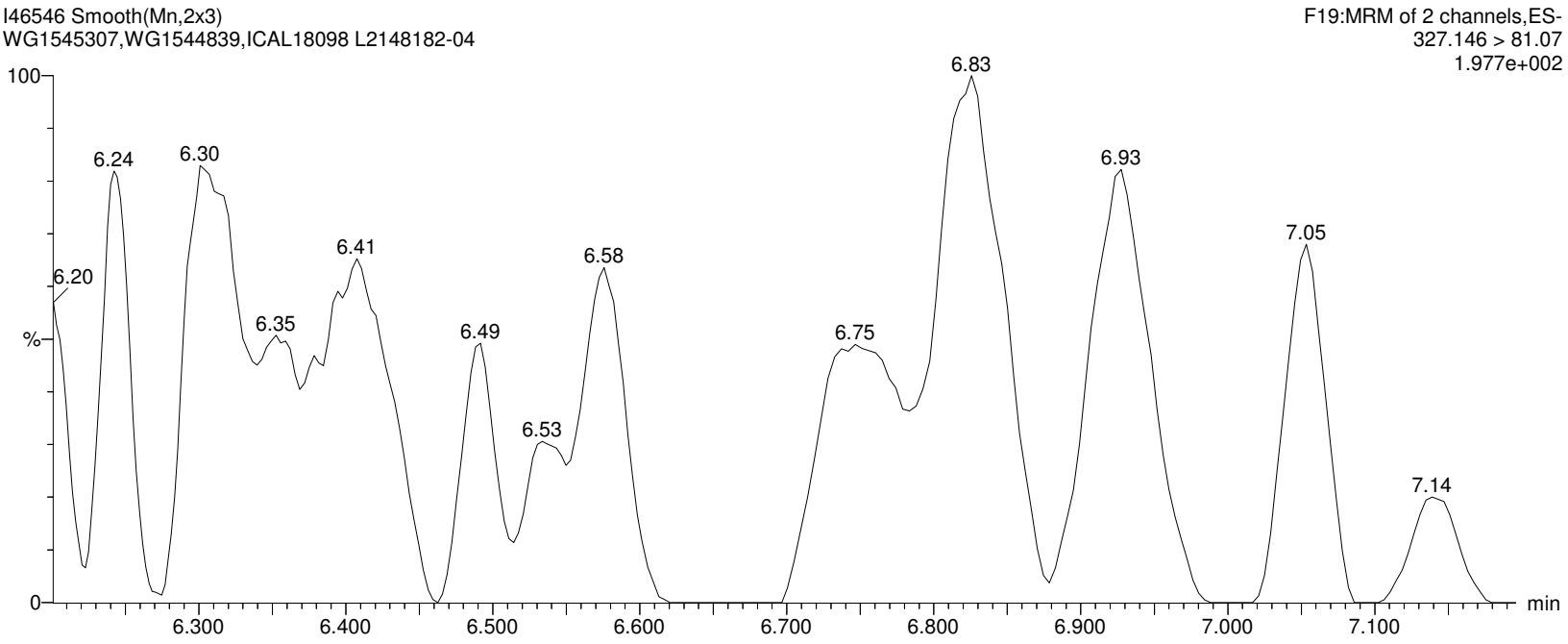
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:05 Eastern Daylight Time

Name: I46546
ID: L2148182-04
Date: 11-Sep-2021
Time: 18:38:14
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

4:2FTS



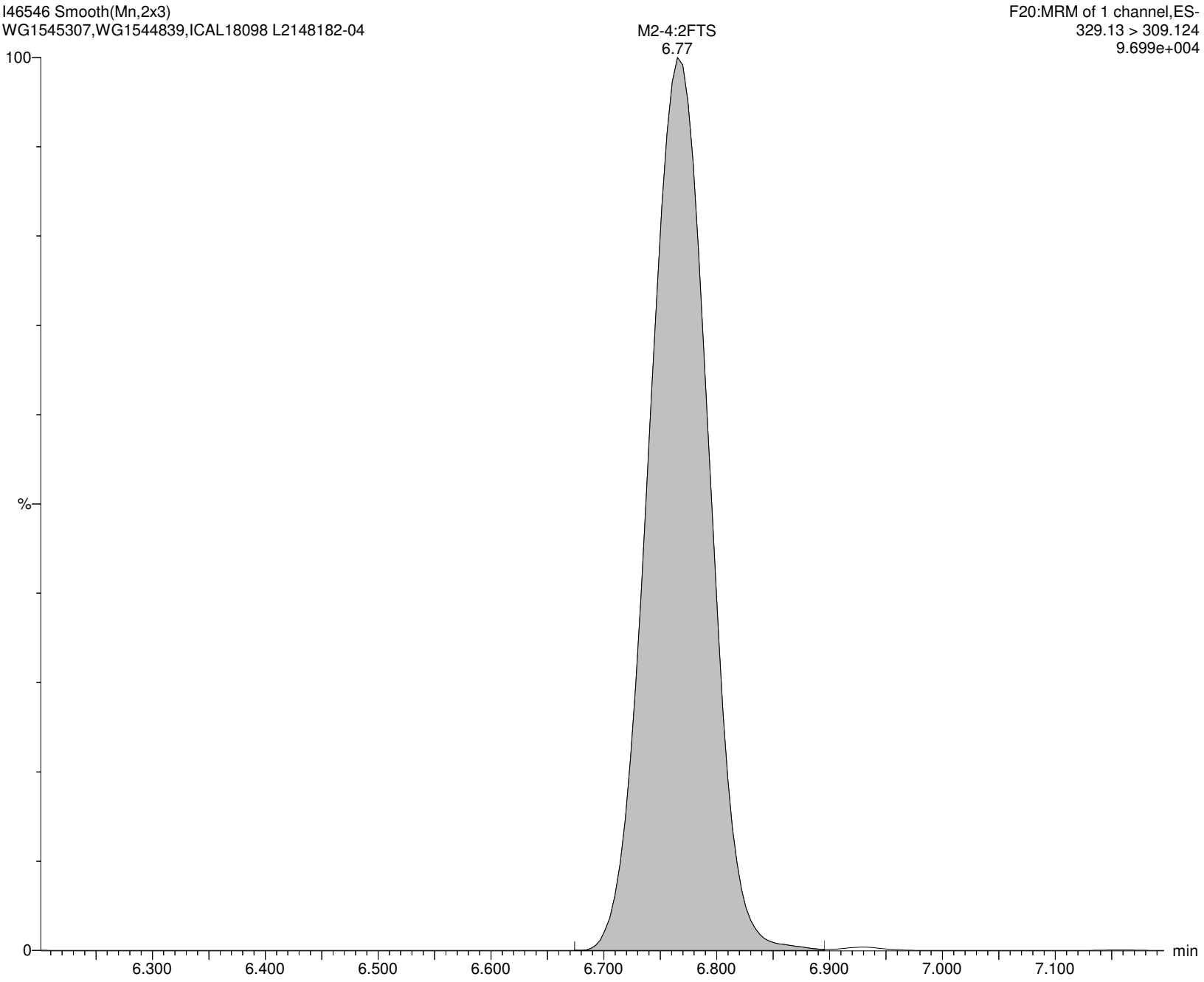


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:05 Eastern Daylight Time

Name: I46546
ID: L2148182-04
Date: 11-Sep-2021
Time: 18:38:14
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-4:2FTS

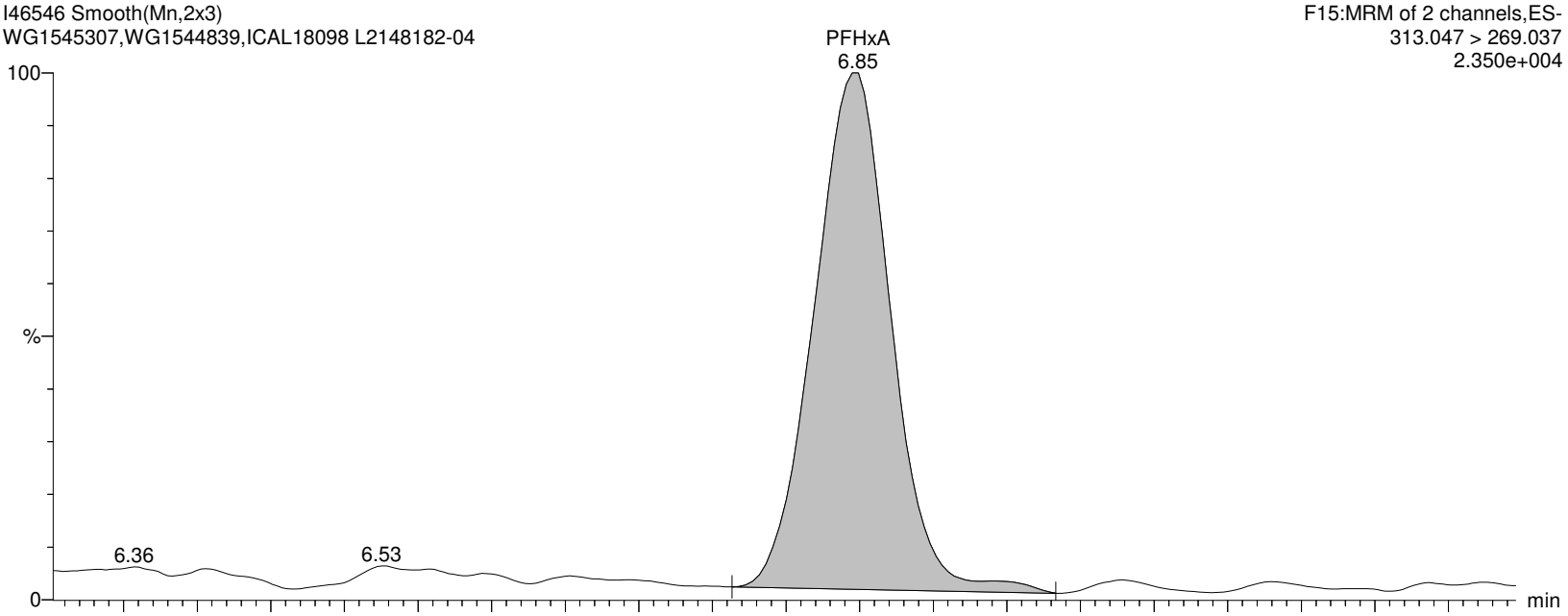


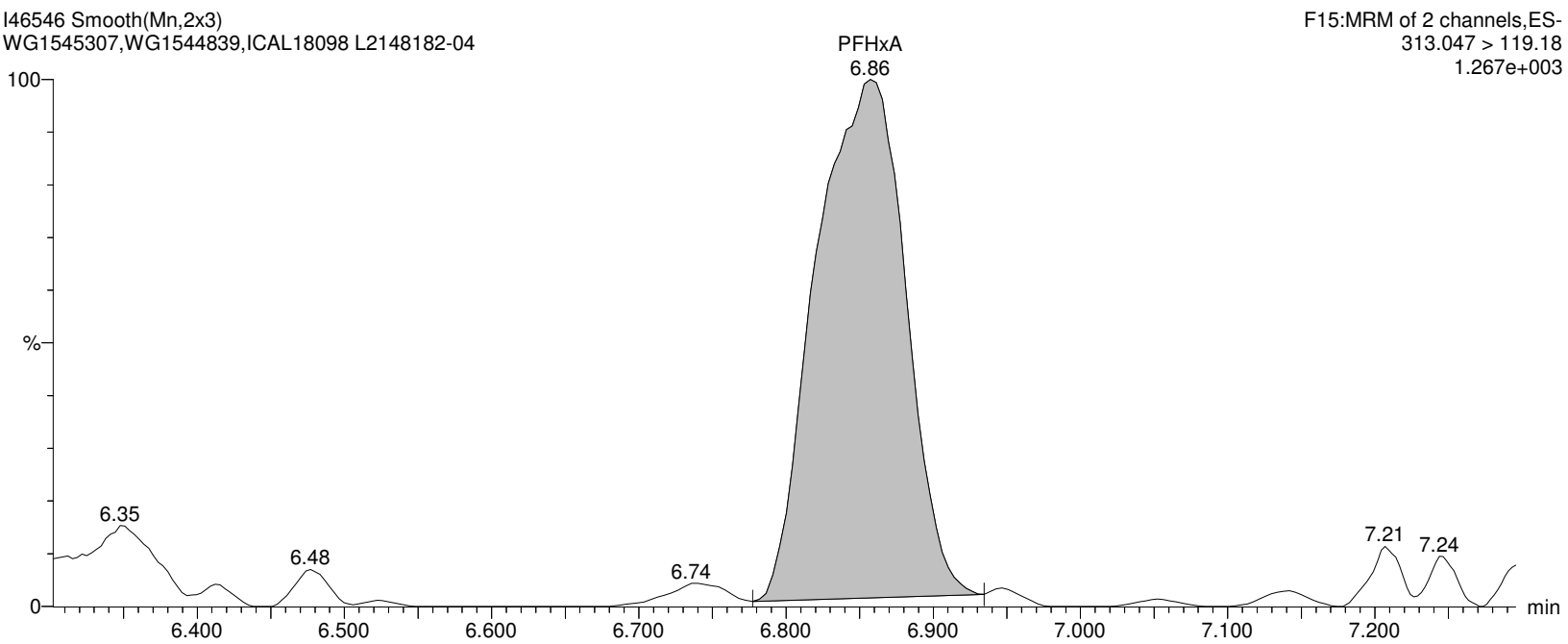
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:05 Eastern Daylight Time

Name: I46546
ID: L2148182-04
Date: 11-Sep-2021
Time: 18:38:14
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxA



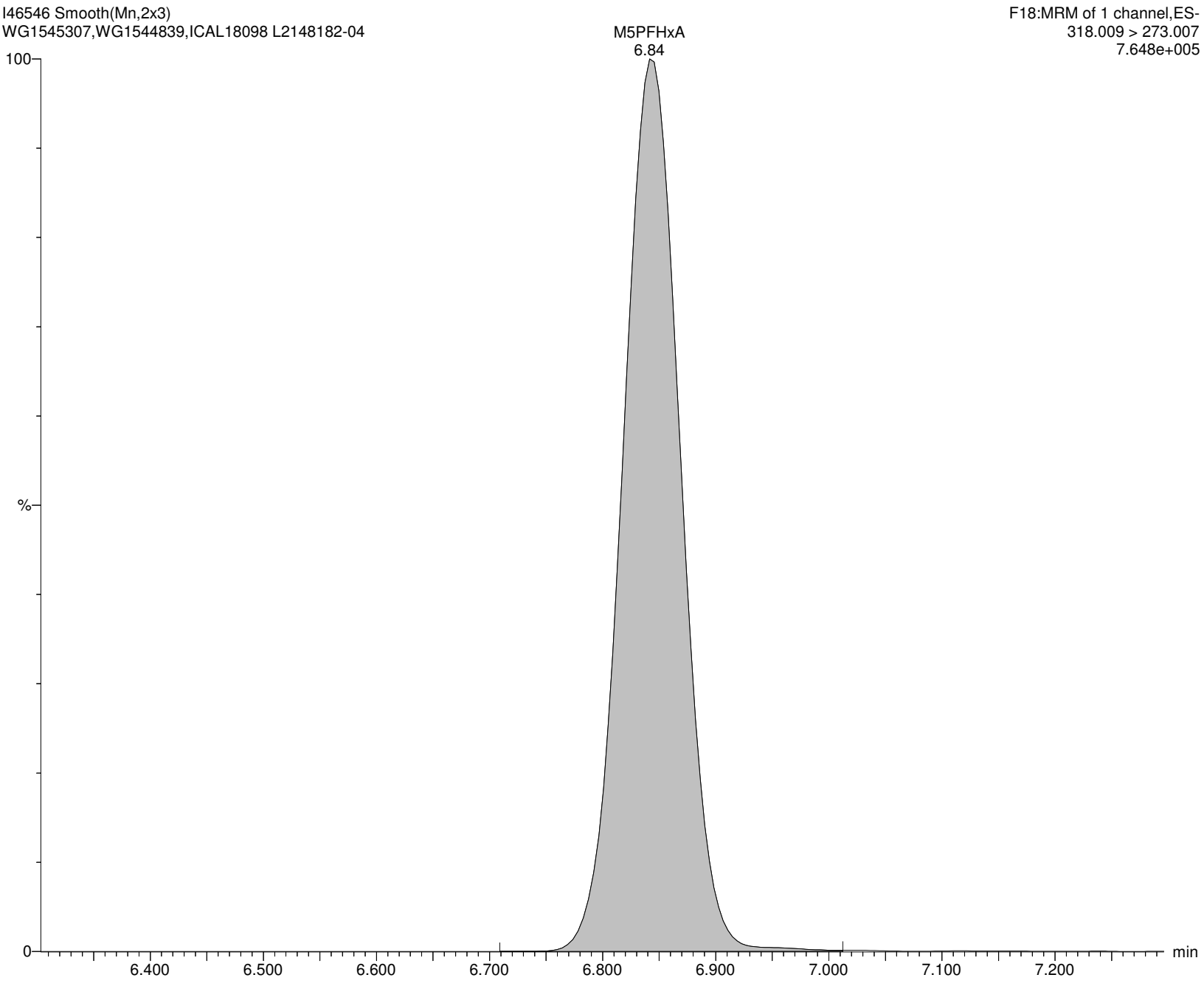


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:05 Eastern Daylight Time

Name: I46546
ID: L2148182-04
Date: 11-Sep-2021
Time: 18:38:14
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFHxA

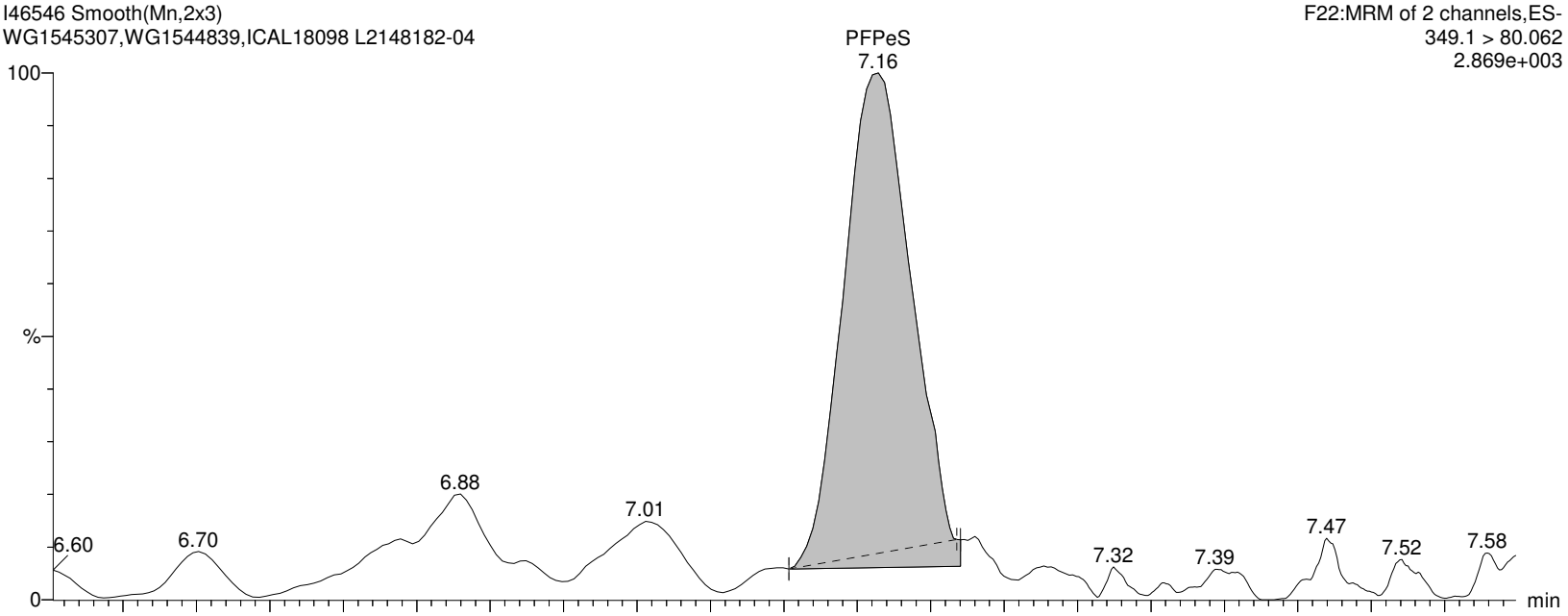


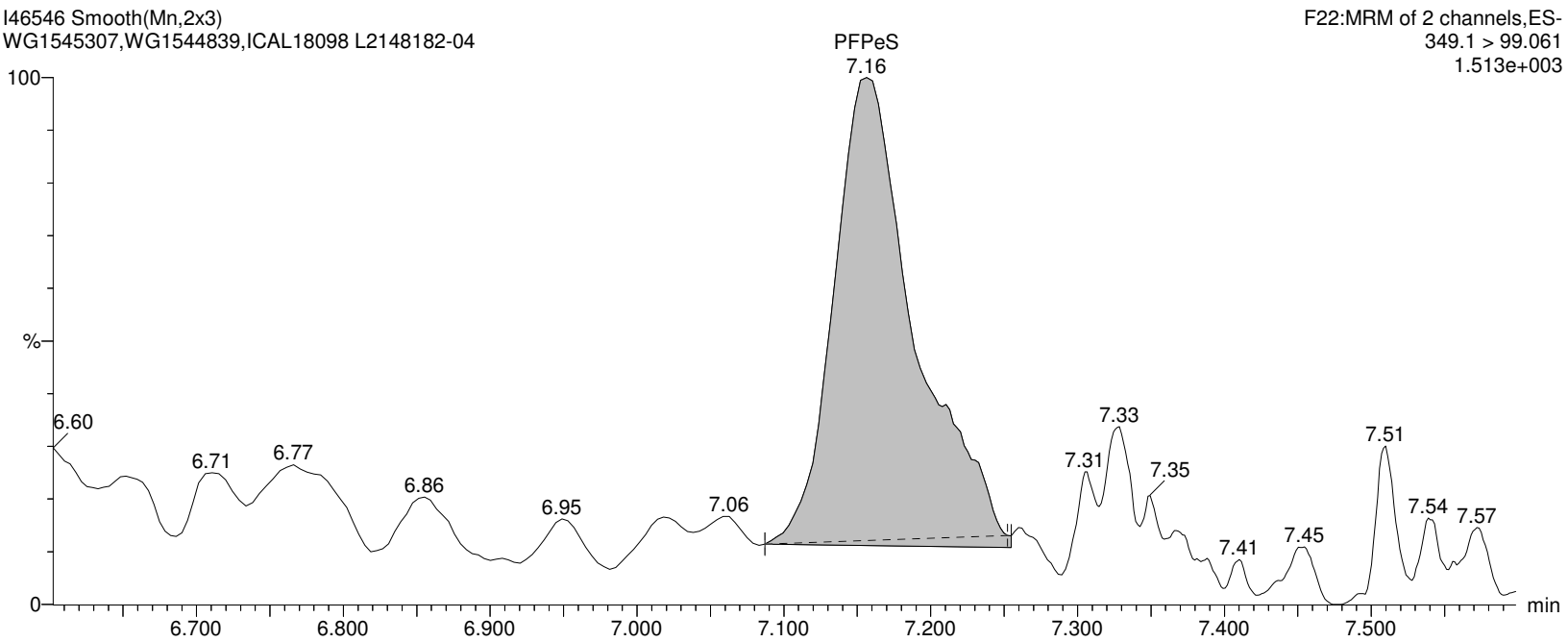
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:05 Eastern Daylight Time

Name: I46546
ID: L2148182-04
Date: 11-Sep-2021
Time: 18:38:14
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeS



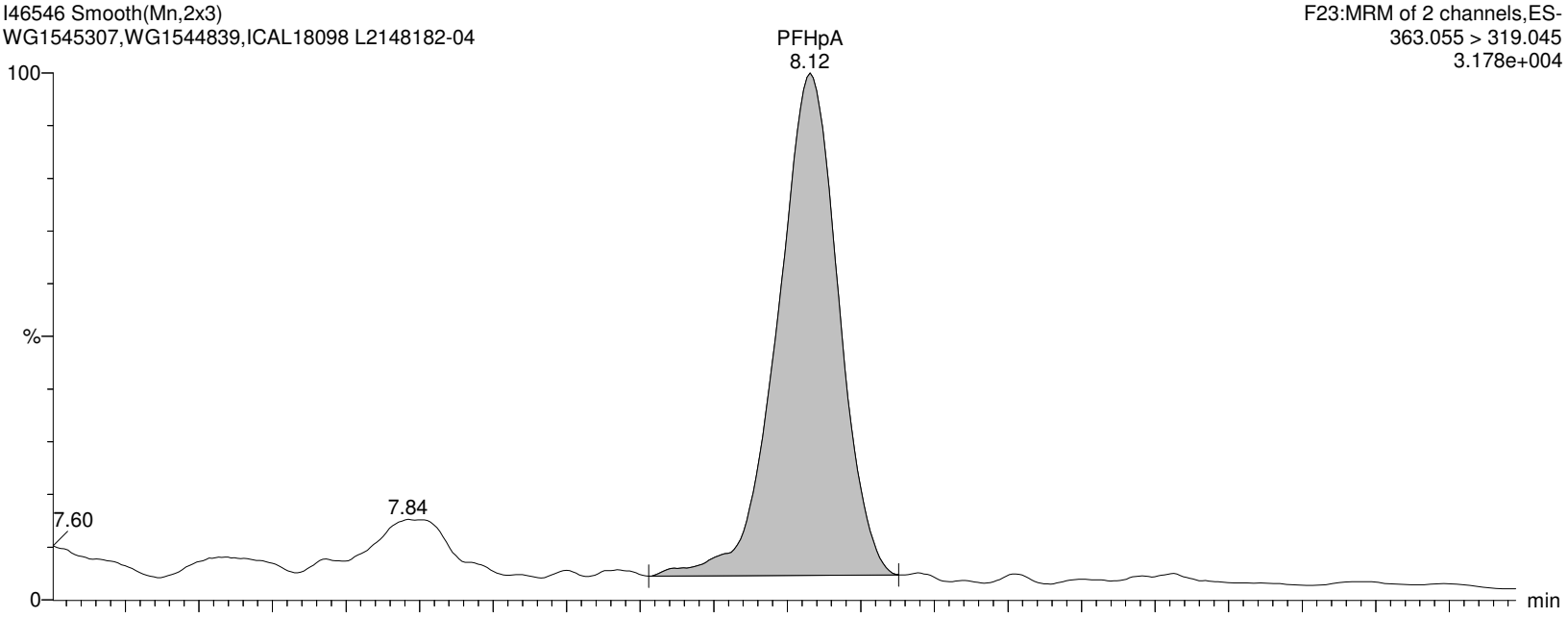


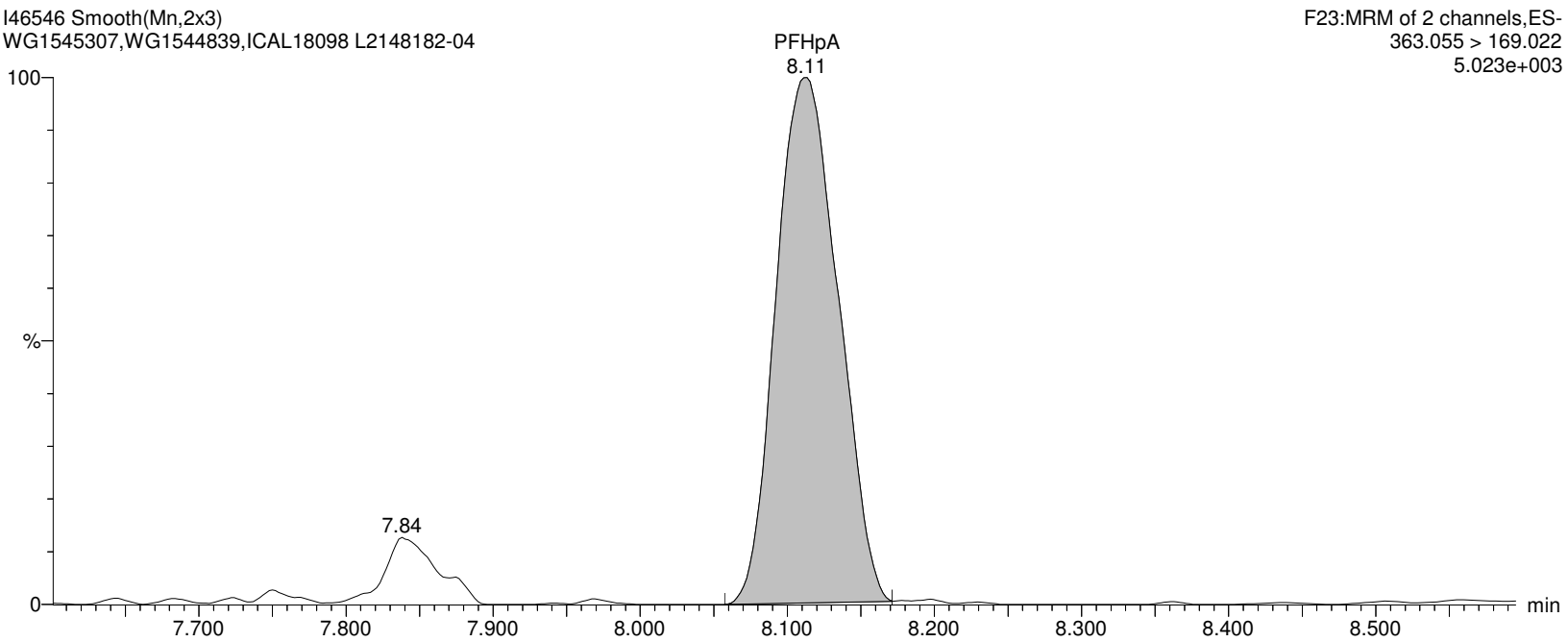
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:05 Eastern Daylight Time

Name: I46546
ID: L2148182-04
Date: 11-Sep-2021
Time: 18:38:14
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpA



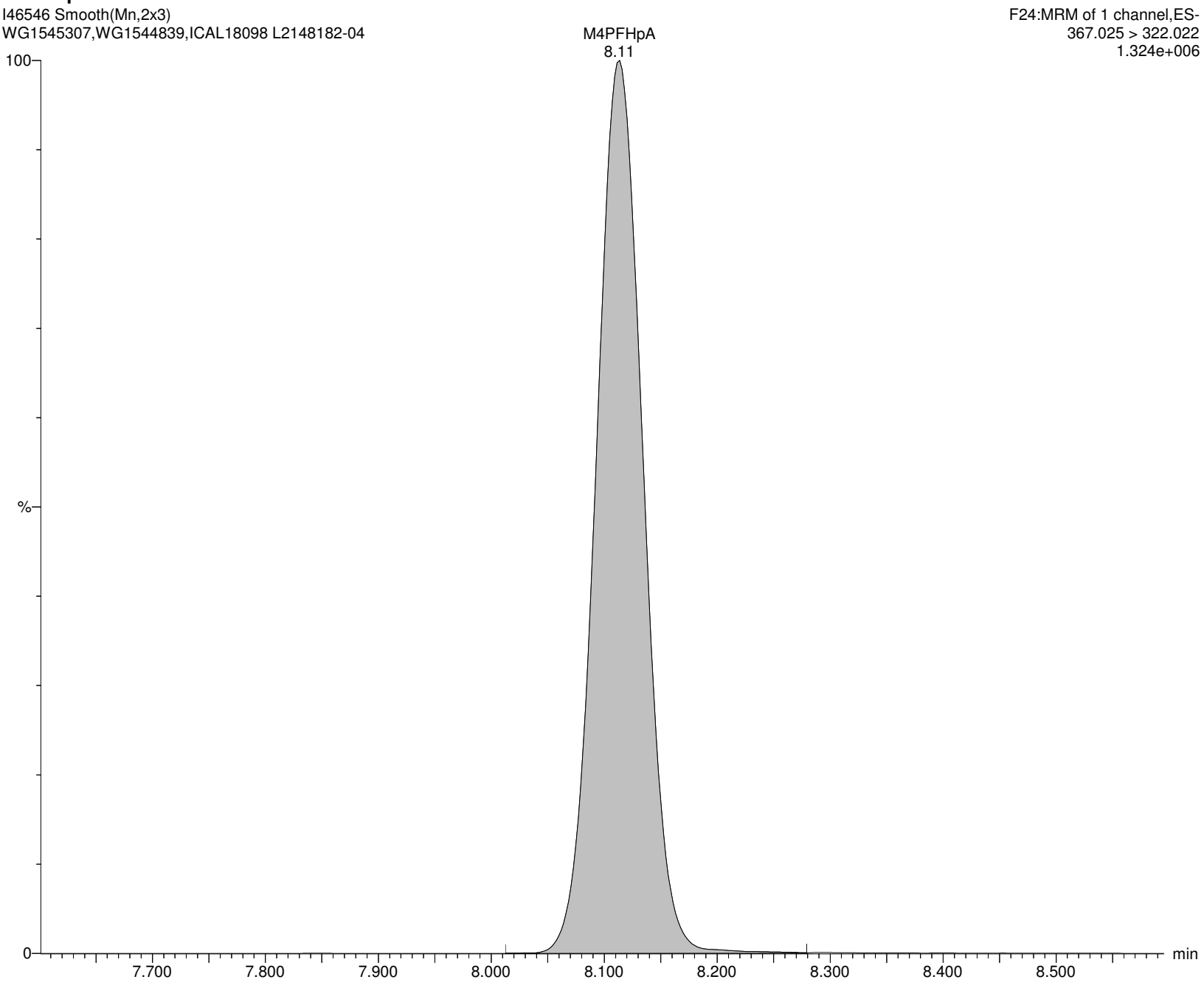


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:05 Eastern Daylight Time

Name: I46546
ID: L2148182-04
Date: 11-Sep-2021
Time: 18:38:14
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFHpA

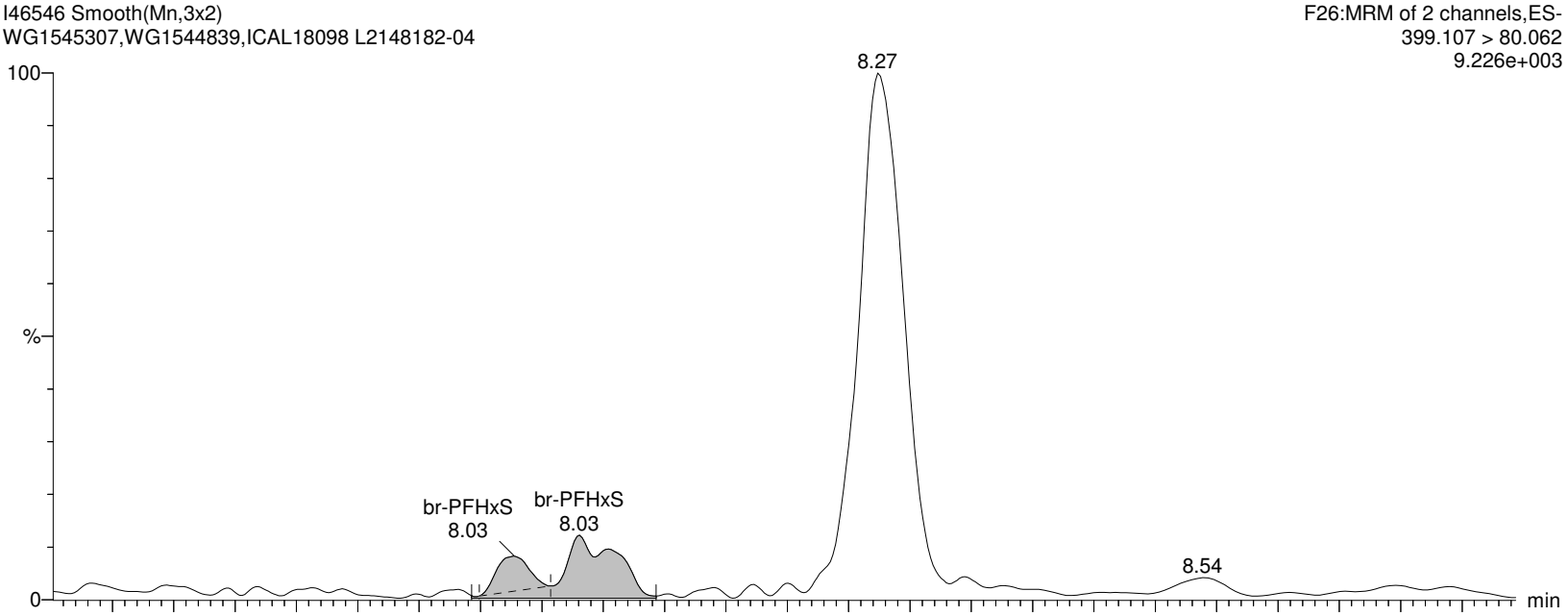


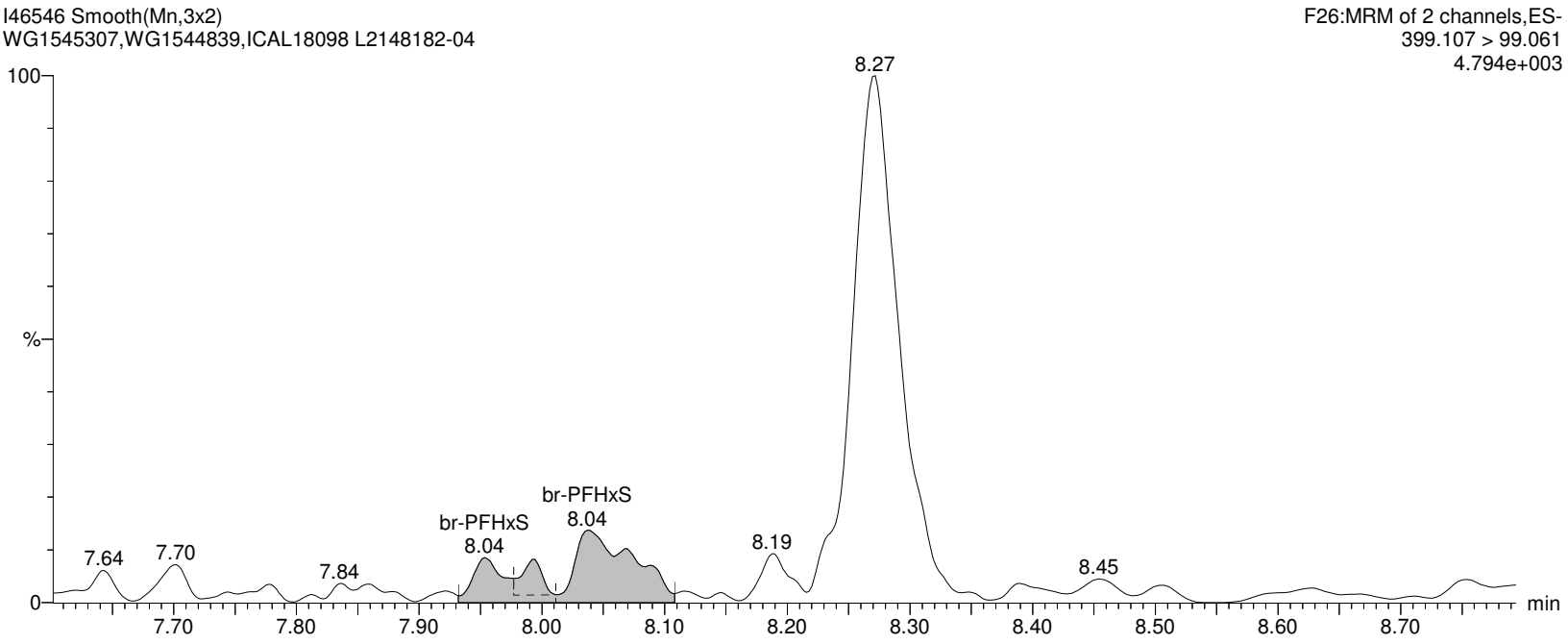
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:05 Eastern Daylight Time

Name: I46546
ID: L2148182-04
Date: 11-Sep-2021
Time: 18:38:14
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFHxS



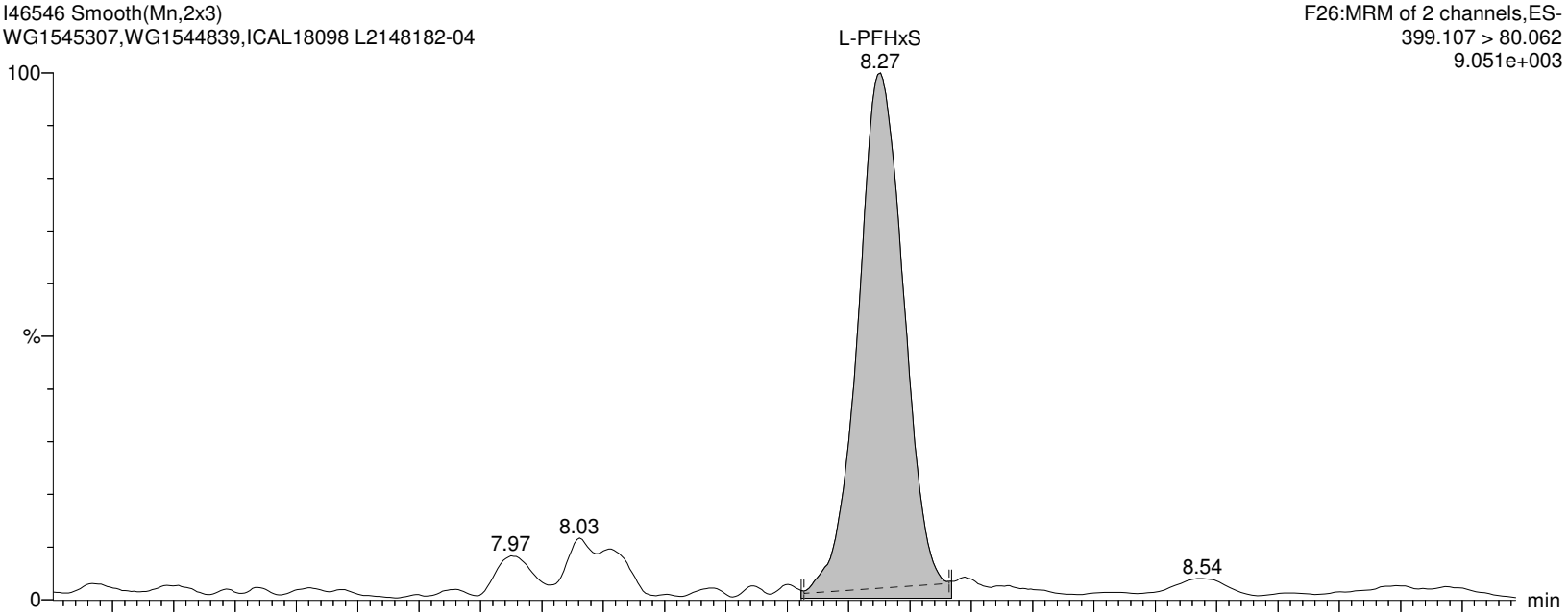


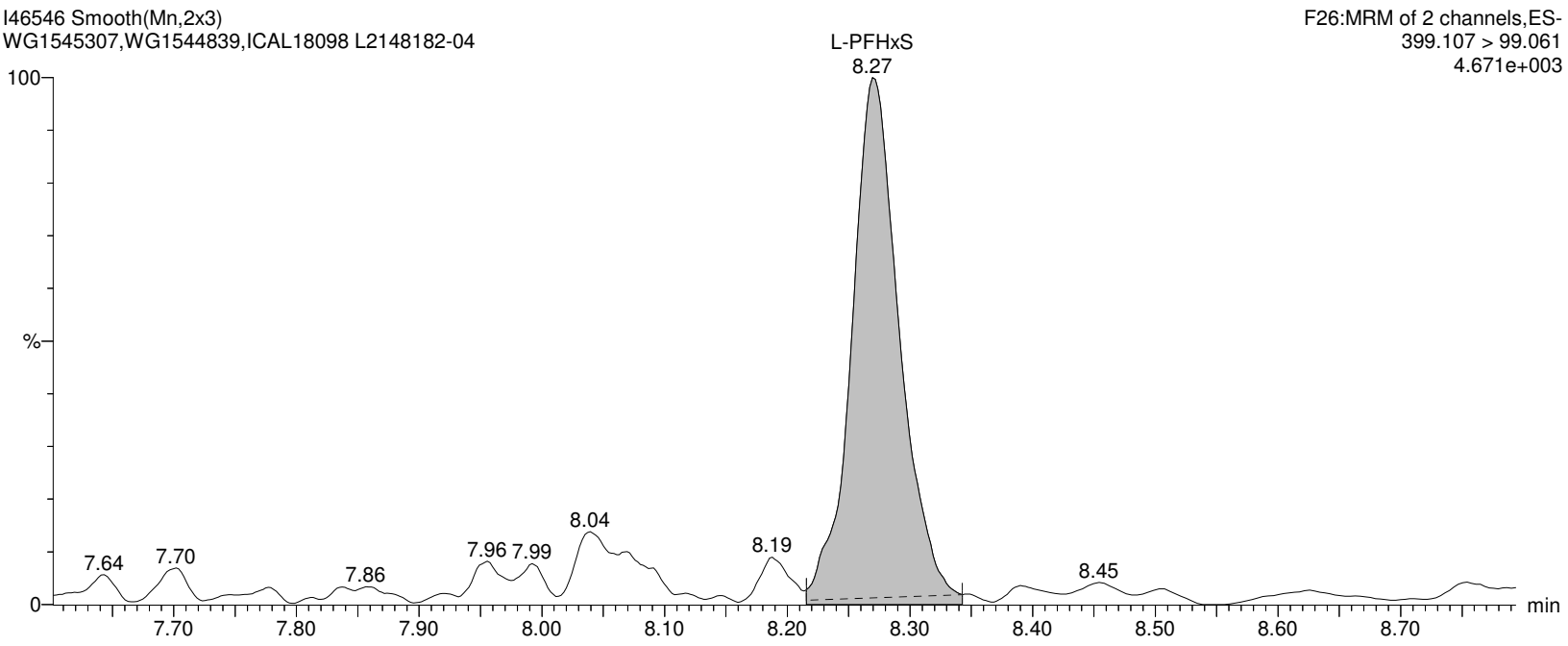
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:05 Eastern Daylight Time

Name: I46546
ID: L2148182-04
Date: 11-Sep-2021
Time: 18:38:14
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFHxS



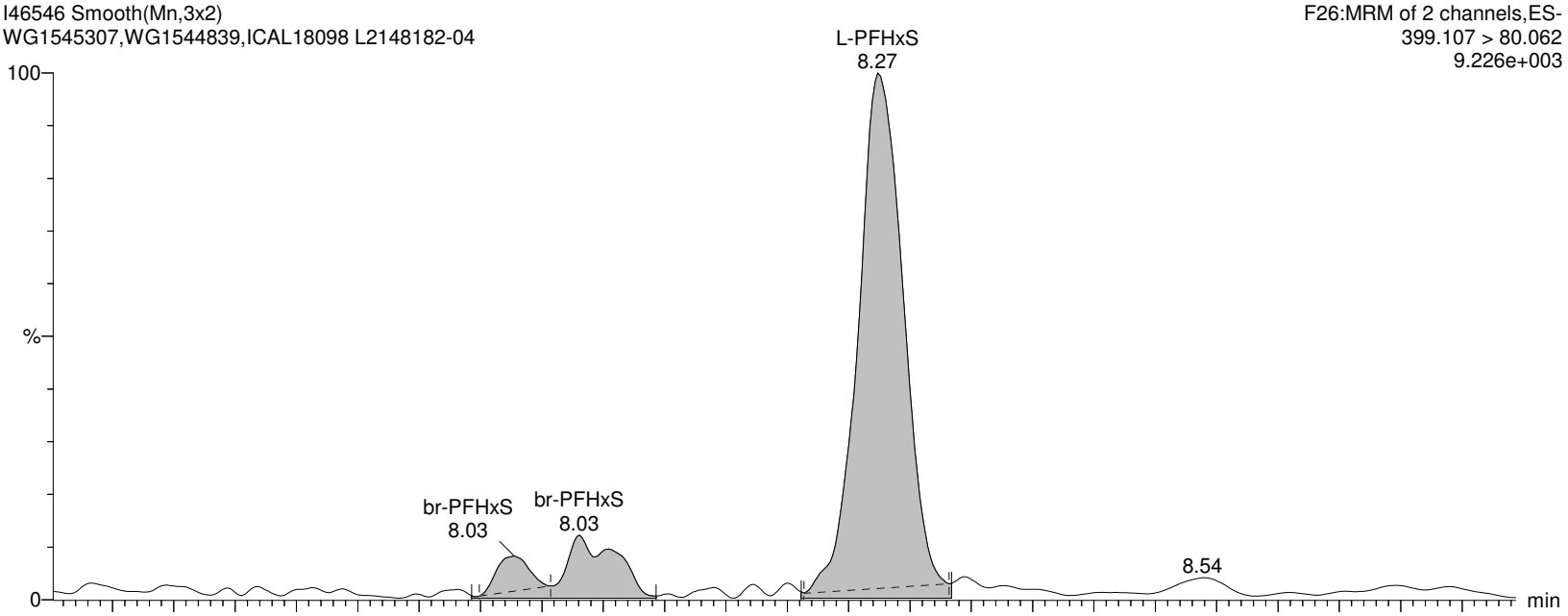


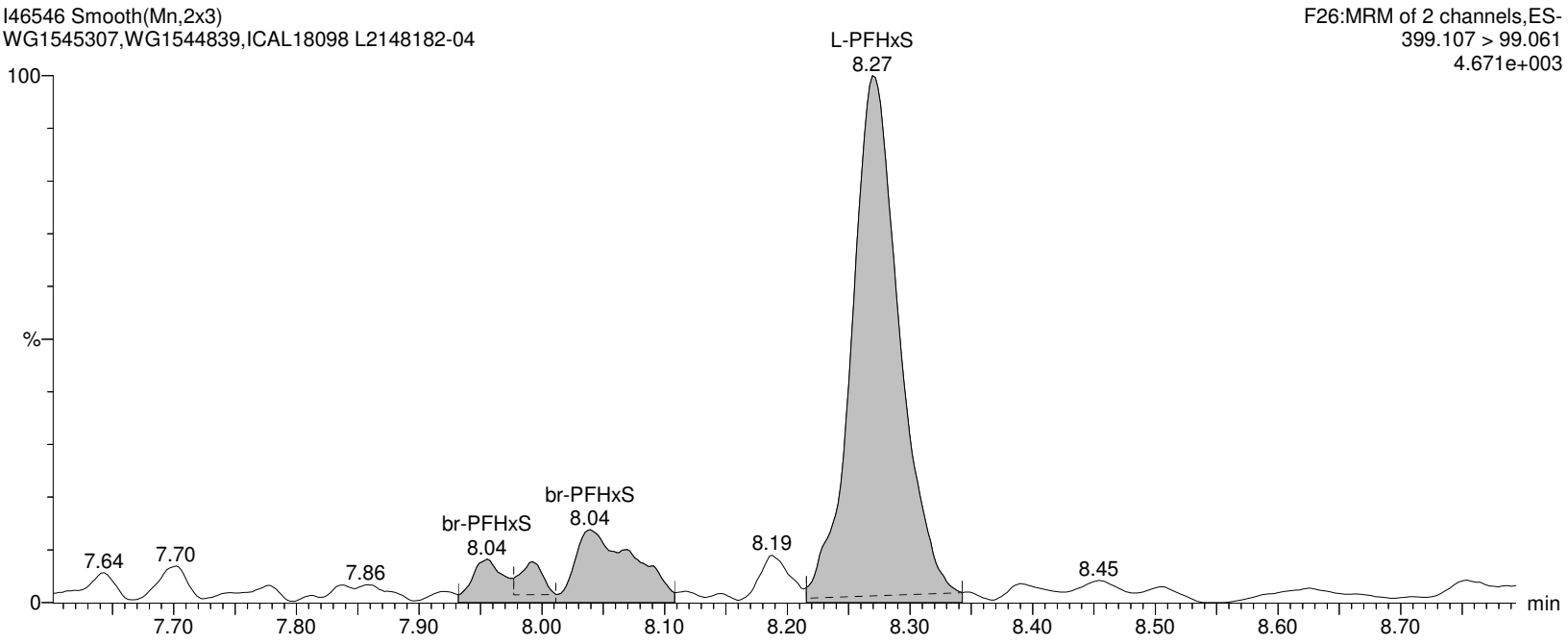
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:05 Eastern Daylight Time

Name: I46546
ID: L2148182-04
Date: 11-Sep-2021
Time: 18:38:14
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxS



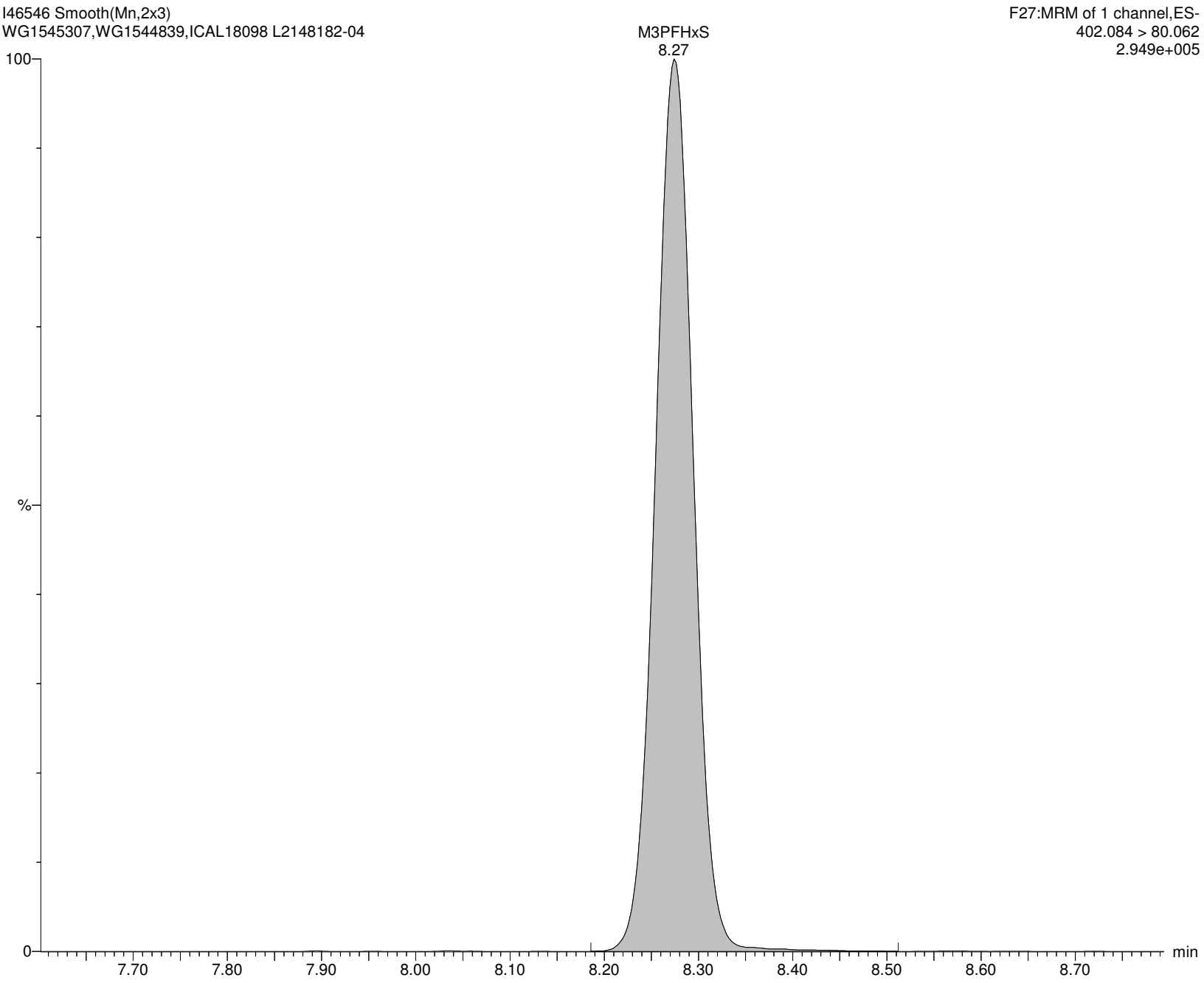


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:05 Eastern Daylight Time

Name: I46546
ID: L2148182-04
Date: 11-Sep-2021
Time: 18:38:14
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFHxS

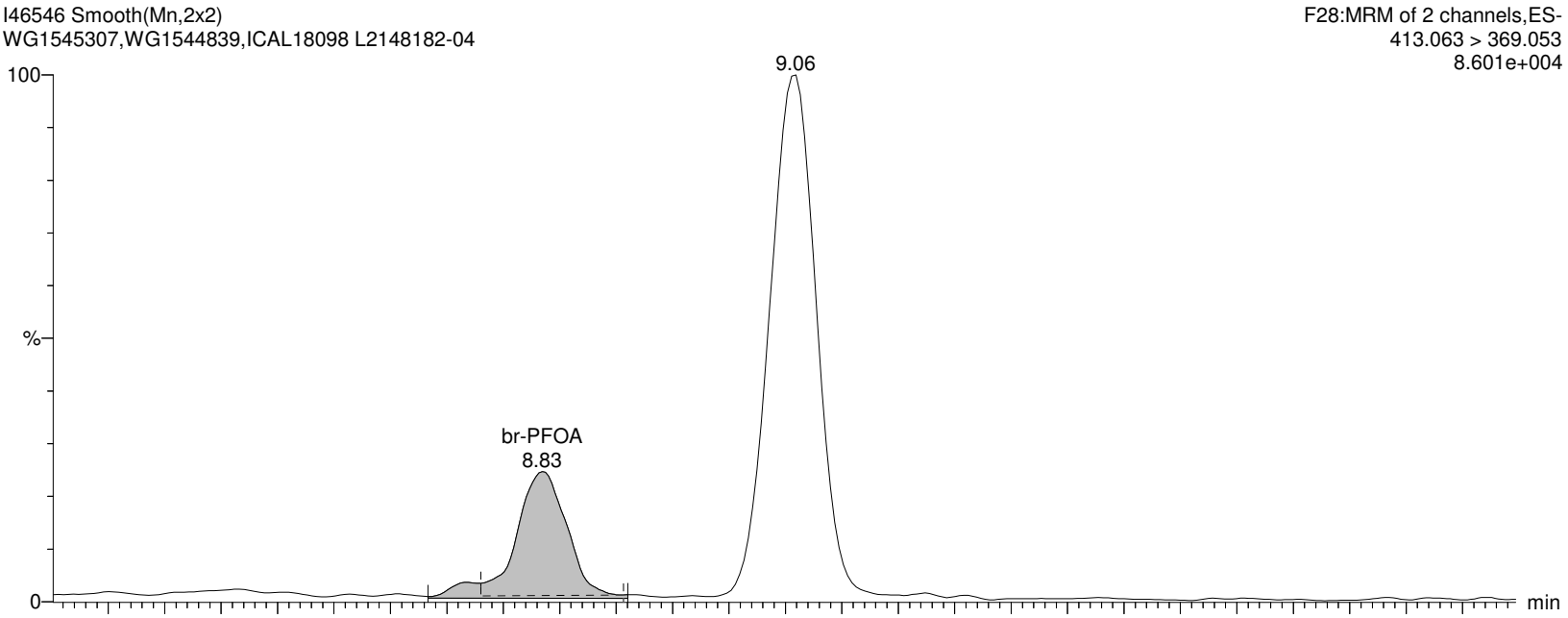


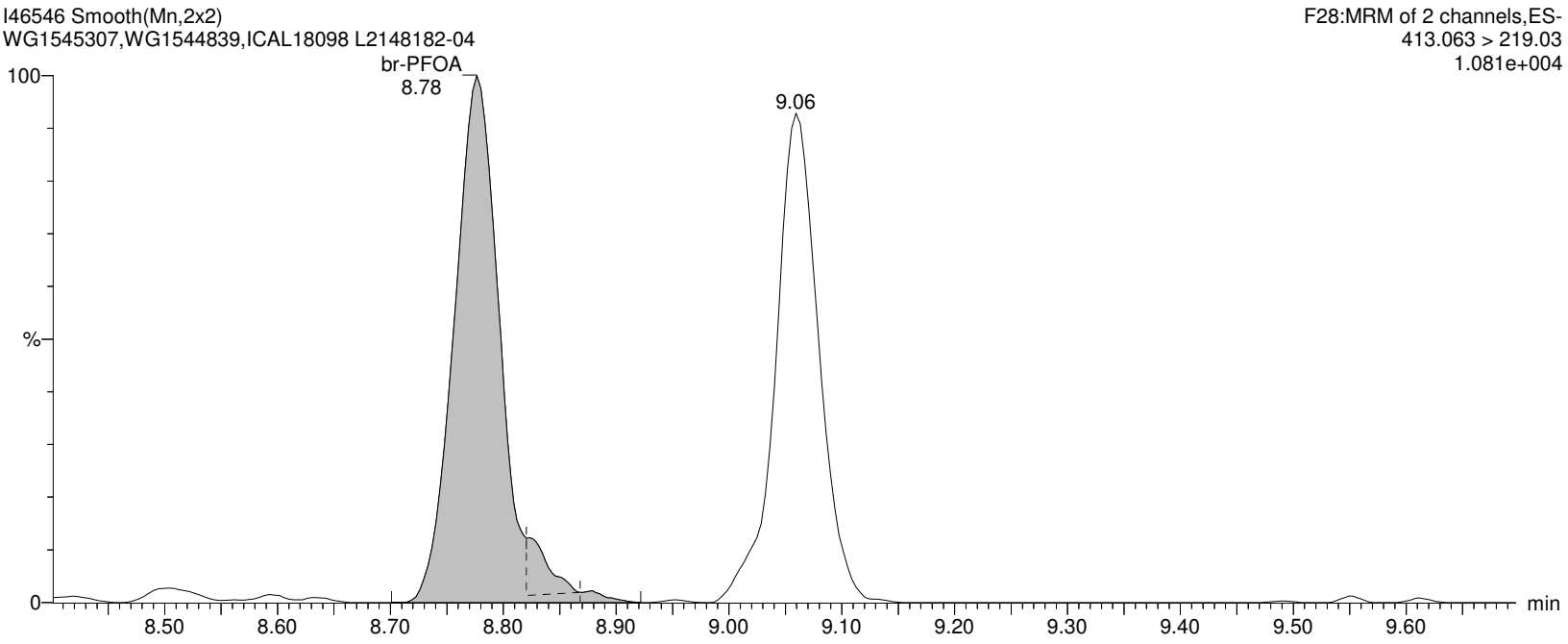
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:05 Eastern Daylight Time

Name: I46546
ID: L2148182-04
Date: 11-Sep-2021
Time: 18:38:14
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOA



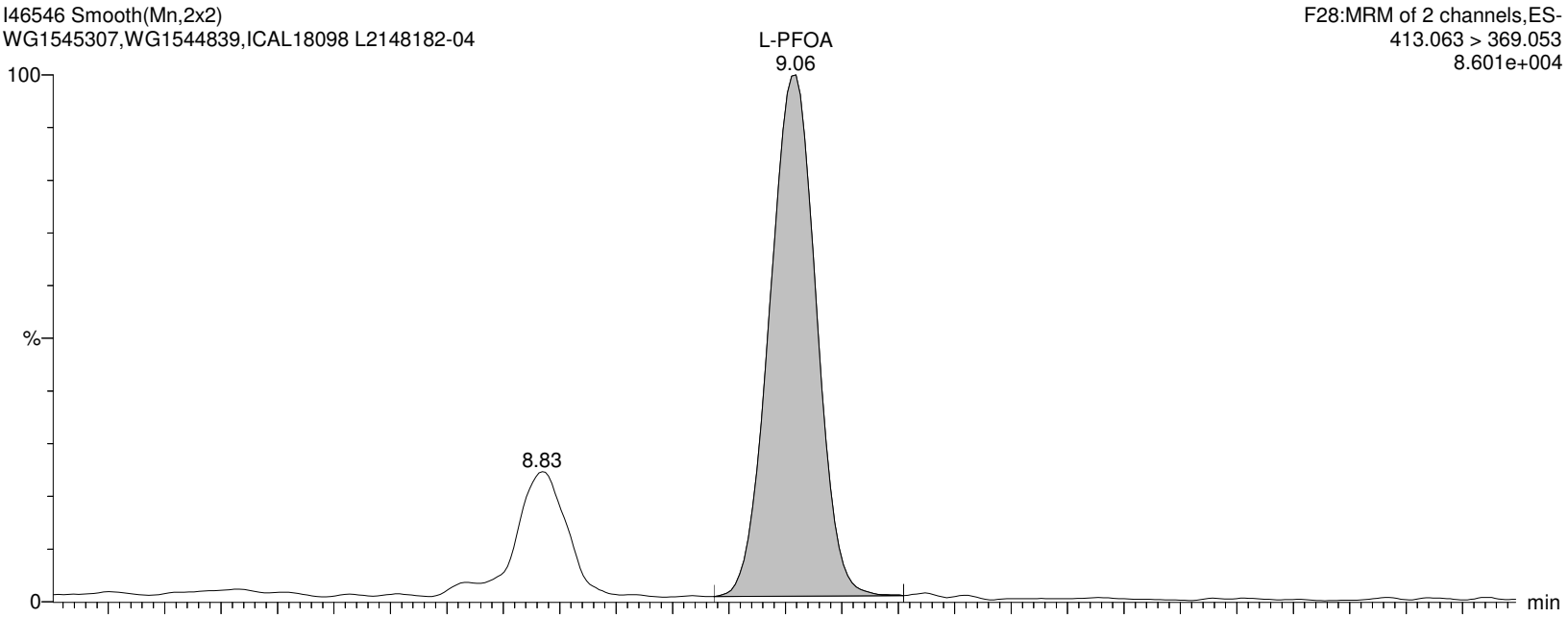


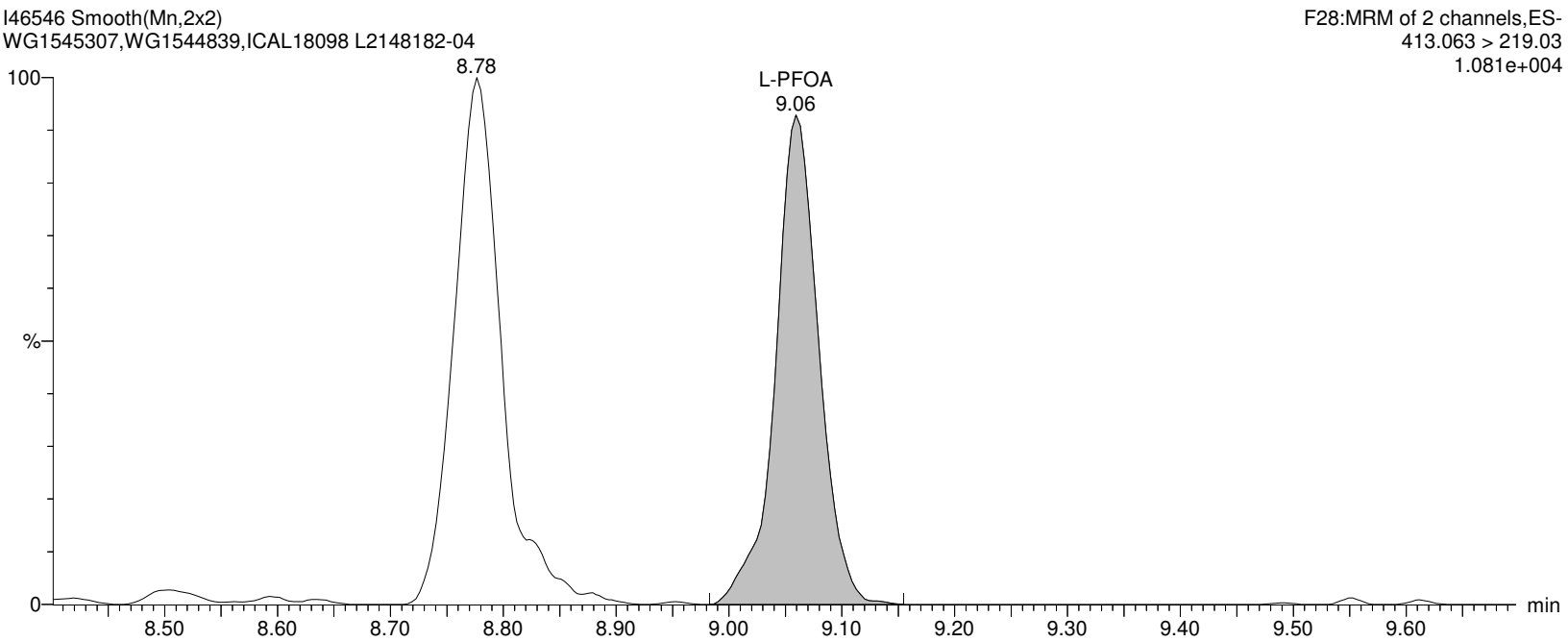
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:05 Eastern Daylight Time

Name: I46546
ID: L2148182-04
Date: 11-Sep-2021
Time: 18:38:14
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOA



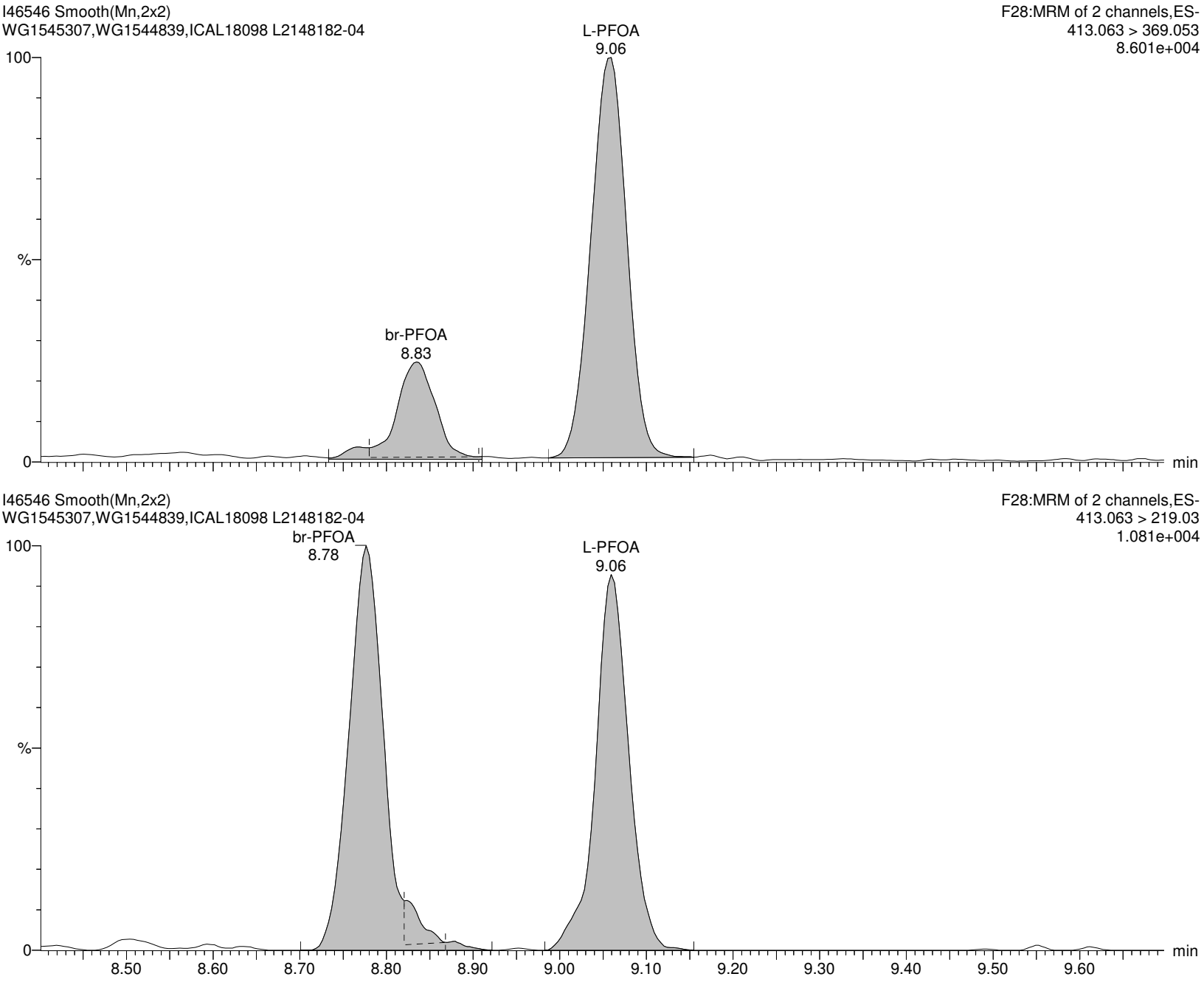


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:05 Eastern Daylight Time

Name: I46546
ID: L2148182-04
Date: 11-Sep-2021
Time: 18:38:14
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOA

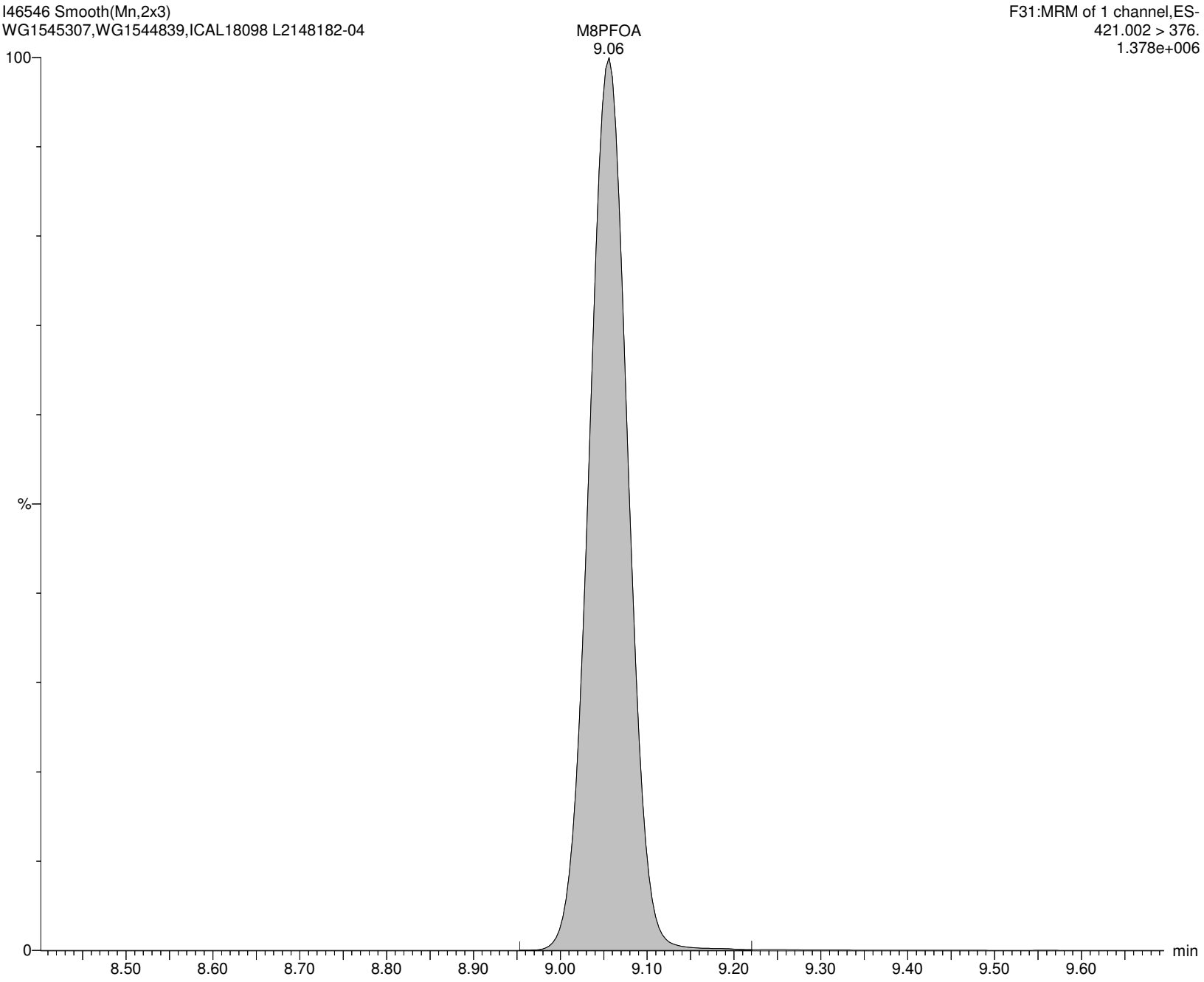


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:05 Eastern Daylight Time

Name: I46546
ID: L2148182-04
Date: 11-Sep-2021
Time: 18:38:14
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOA

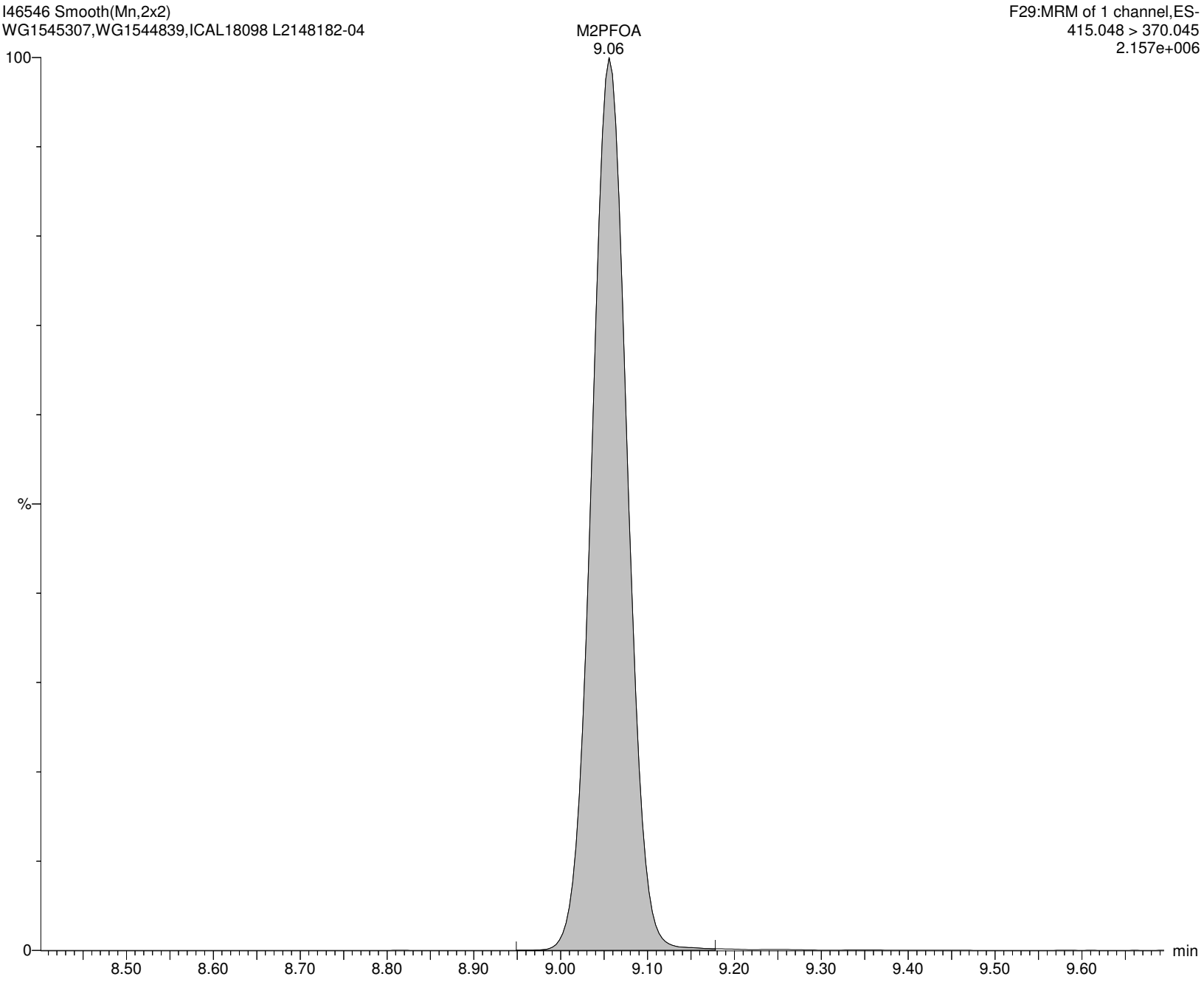


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:05 Eastern Daylight Time

Name: I46546
ID: L2148182-04
Date: 11-Sep-2021
Time: 18:38:14
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFOA

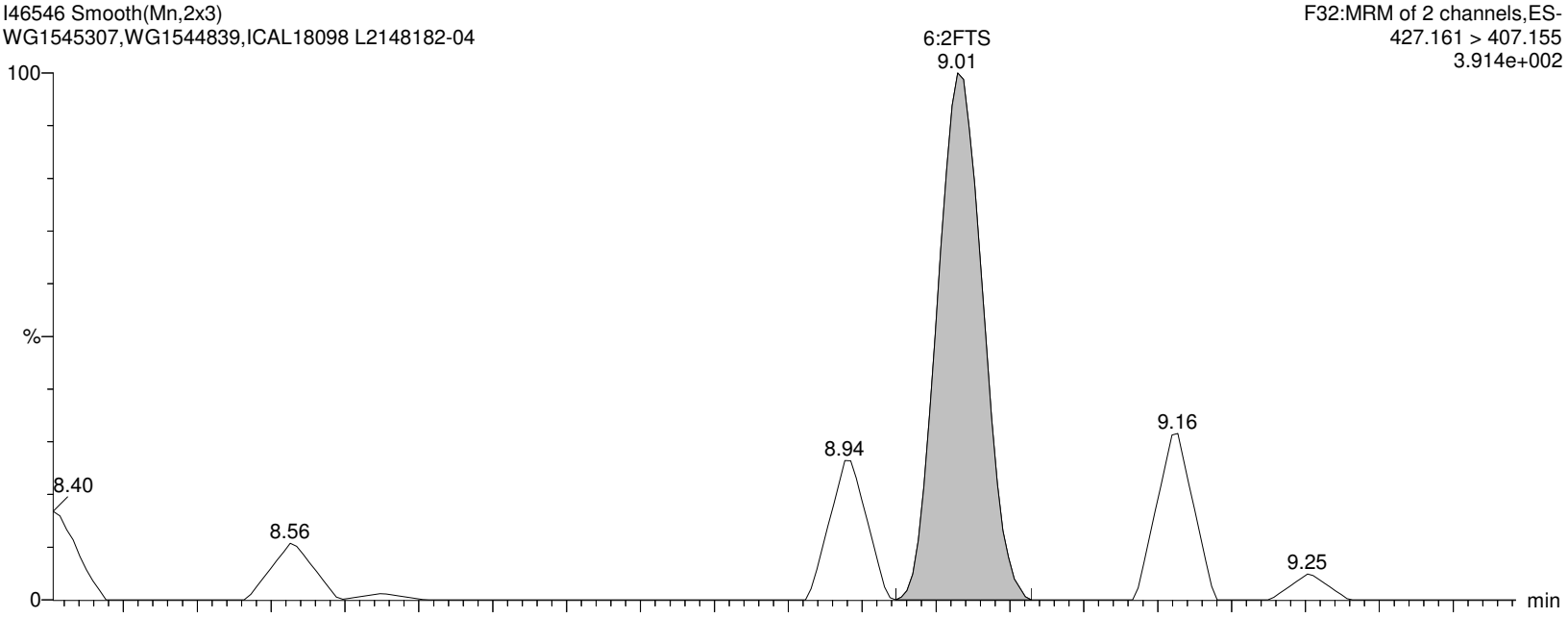


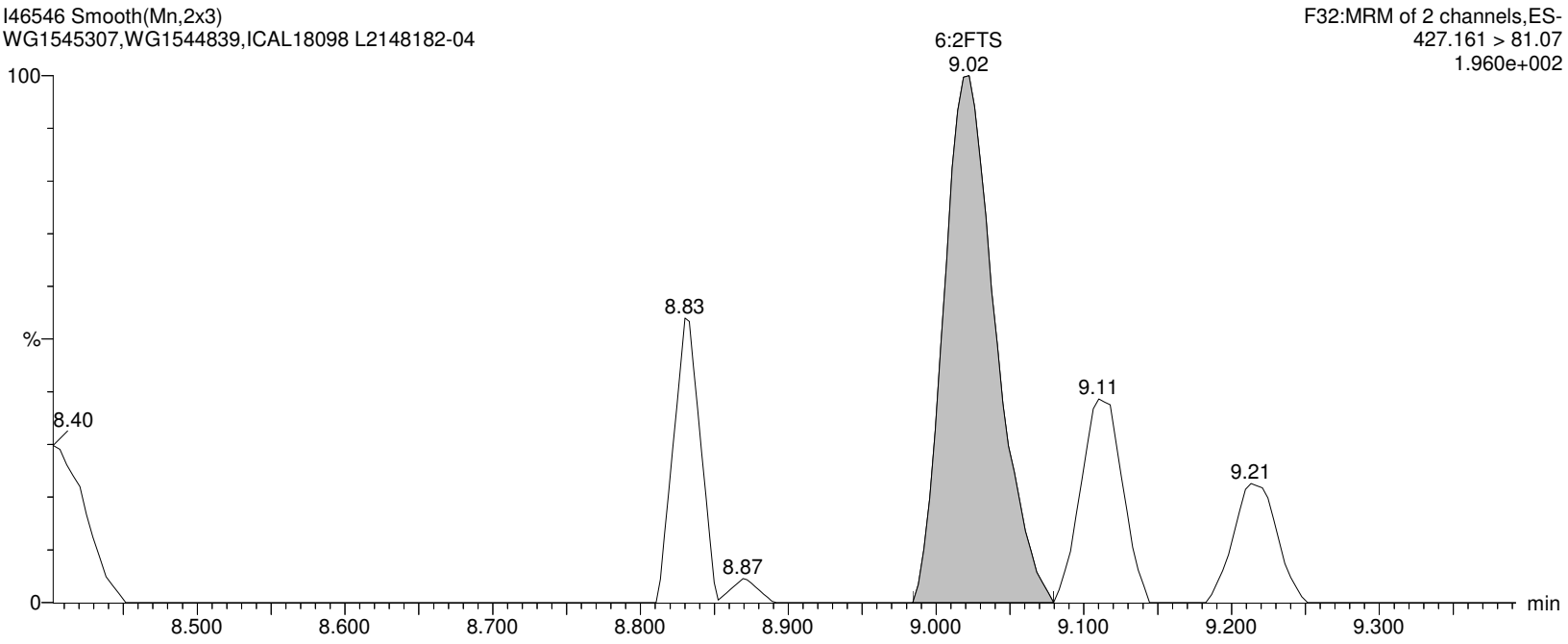
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:05 Eastern Daylight Time

Name: I46546
ID: L2148182-04
Date: 11-Sep-2021
Time: 18:38:14
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

6:2FTS



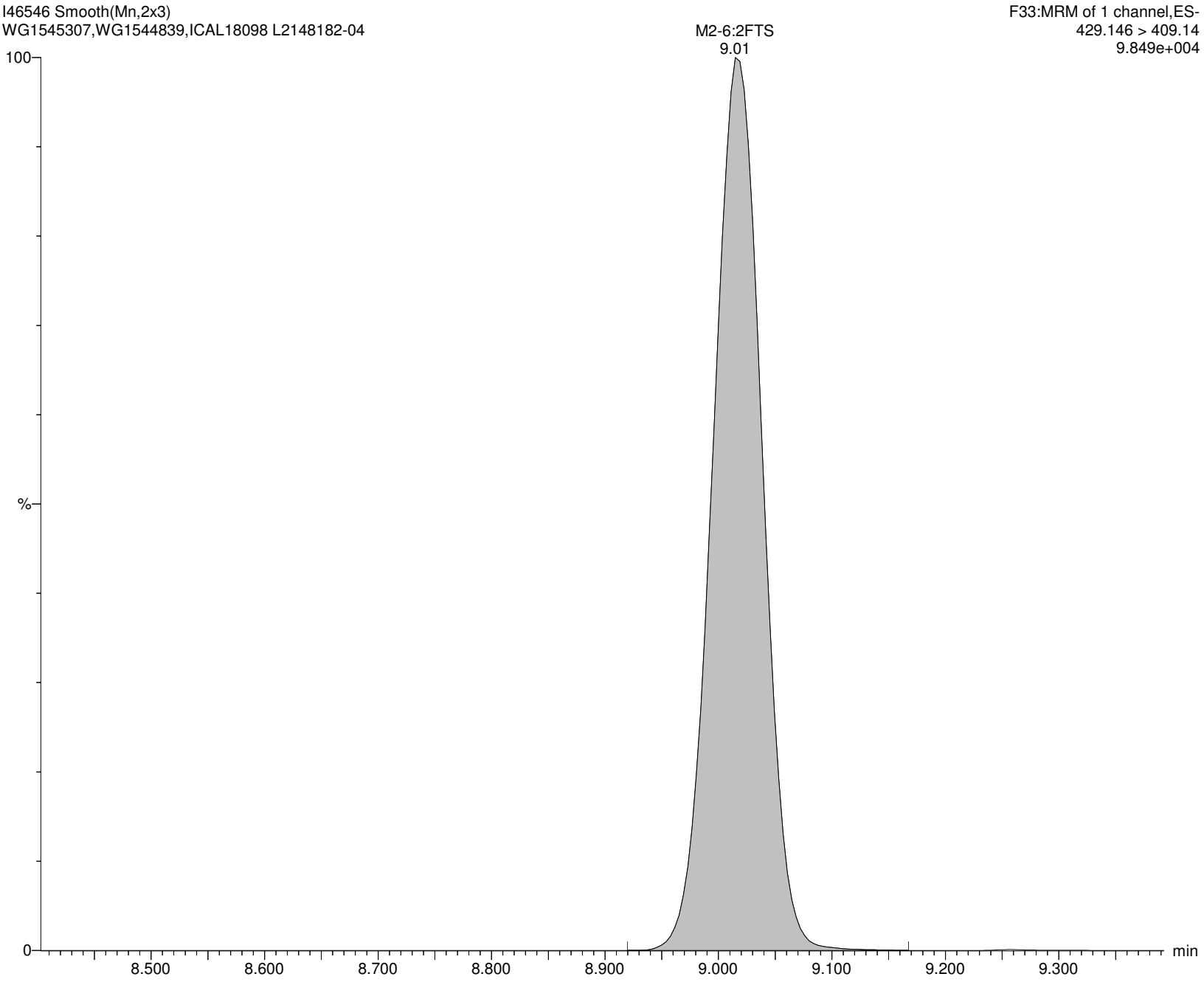


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:05 Eastern Daylight Time

Name: I46546
ID: L2148182-04
Date: 11-Sep-2021
Time: 18:38:14
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-6:2FTS

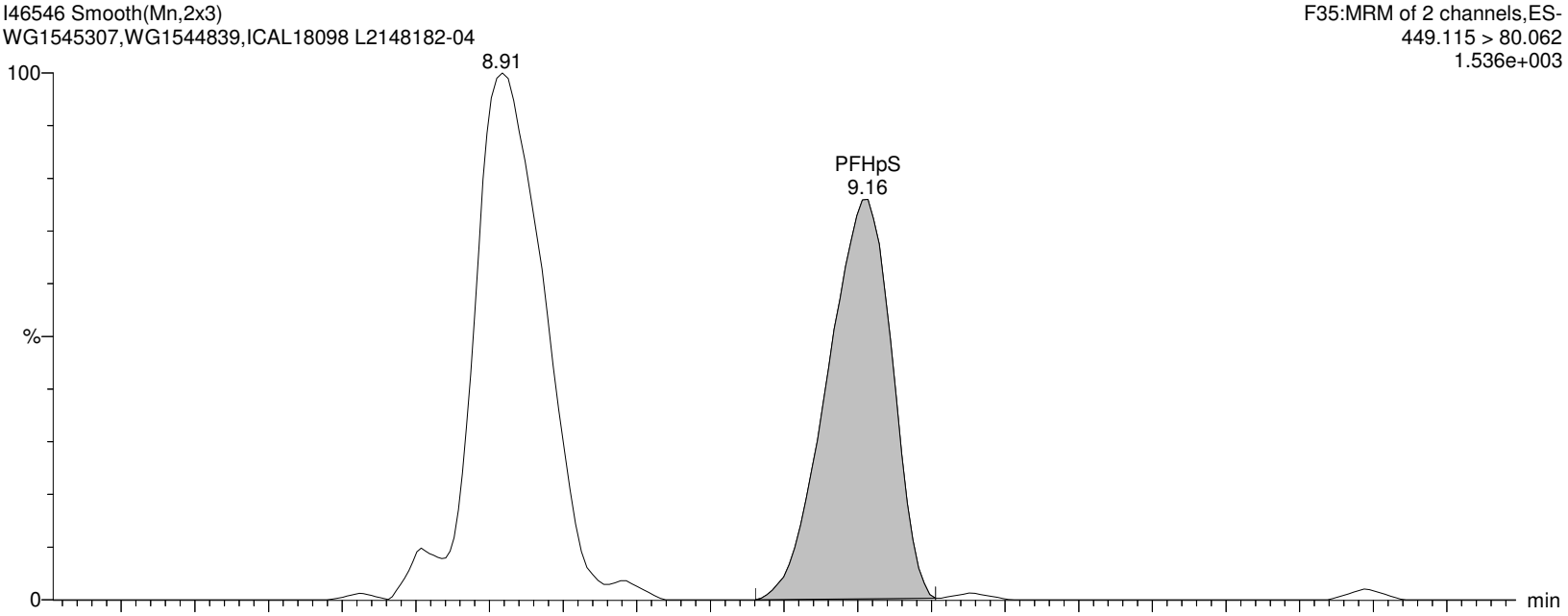


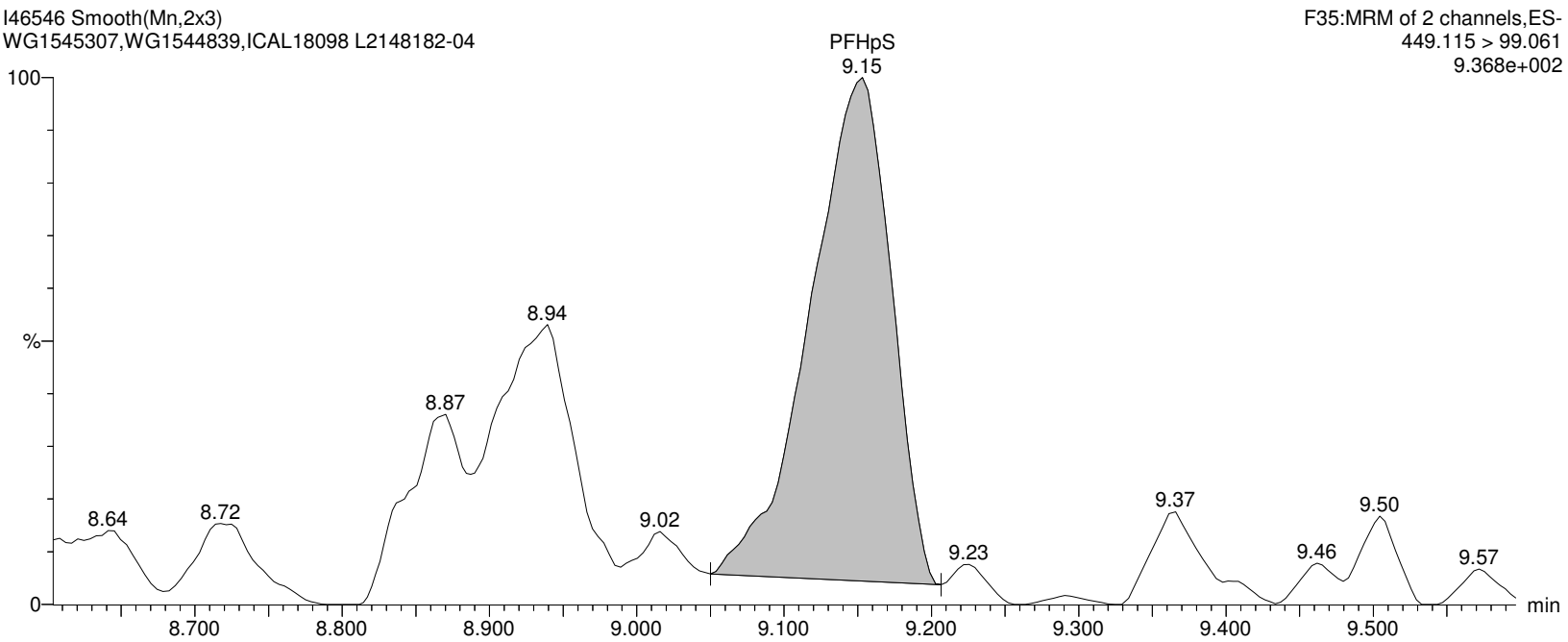
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:05 Eastern Daylight Time

Name: I46546
ID: L2148182-04
Date: 11-Sep-2021
Time: 18:38:14
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpS



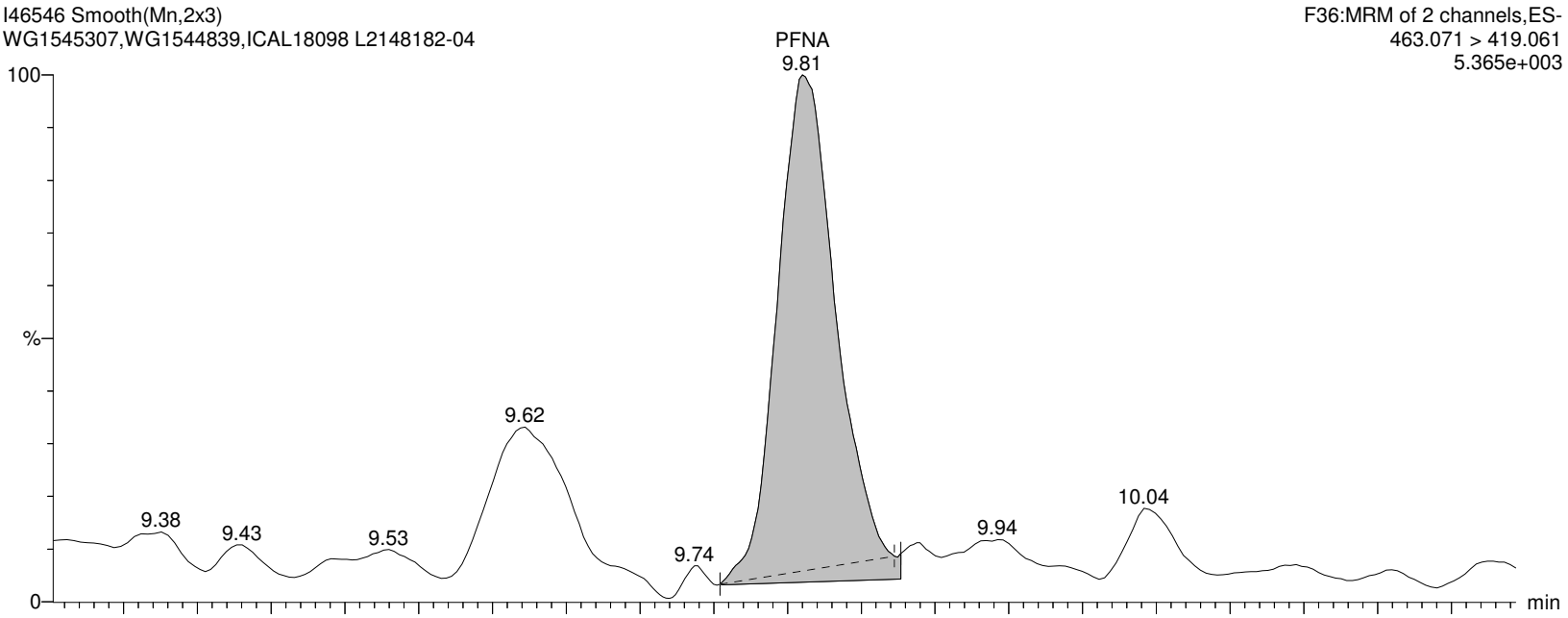


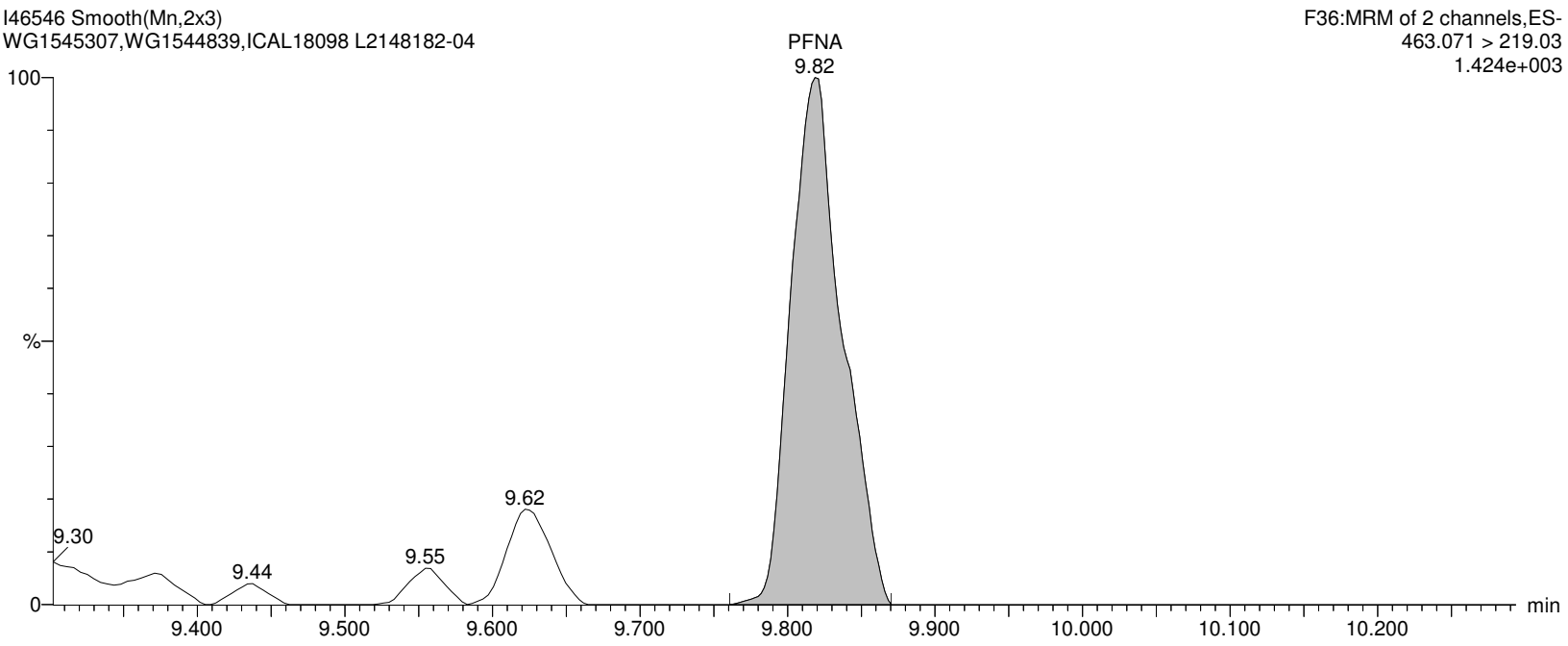
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:05 Eastern Daylight Time

Name: I46546
ID: L2148182-04
Date: 11-Sep-2021
Time: 18:38:14
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNA



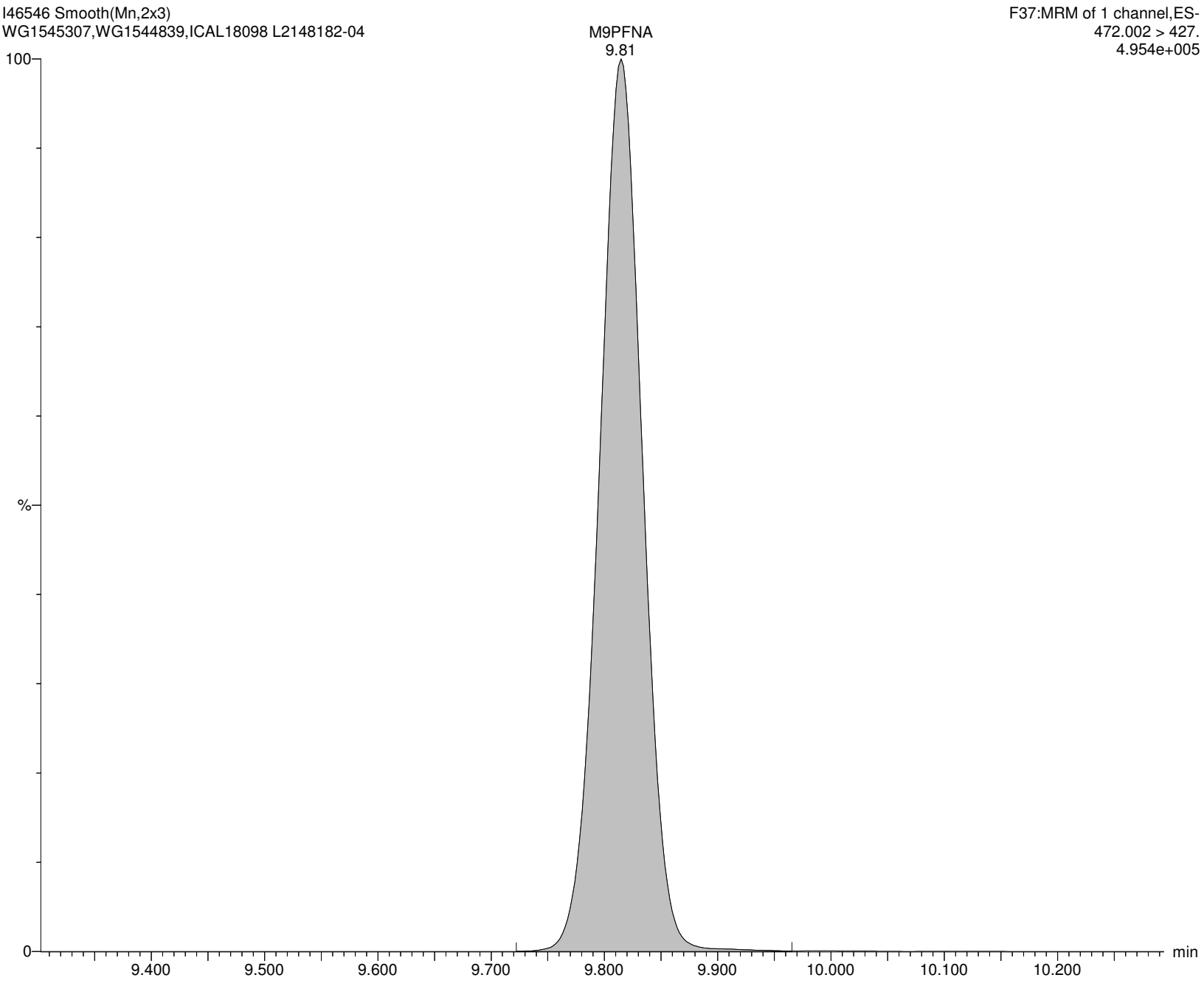


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:05 Eastern Daylight Time

Name: I46546
ID: L2148182-04
Date: 11-Sep-2021
Time: 18:38:14
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M9PFNA

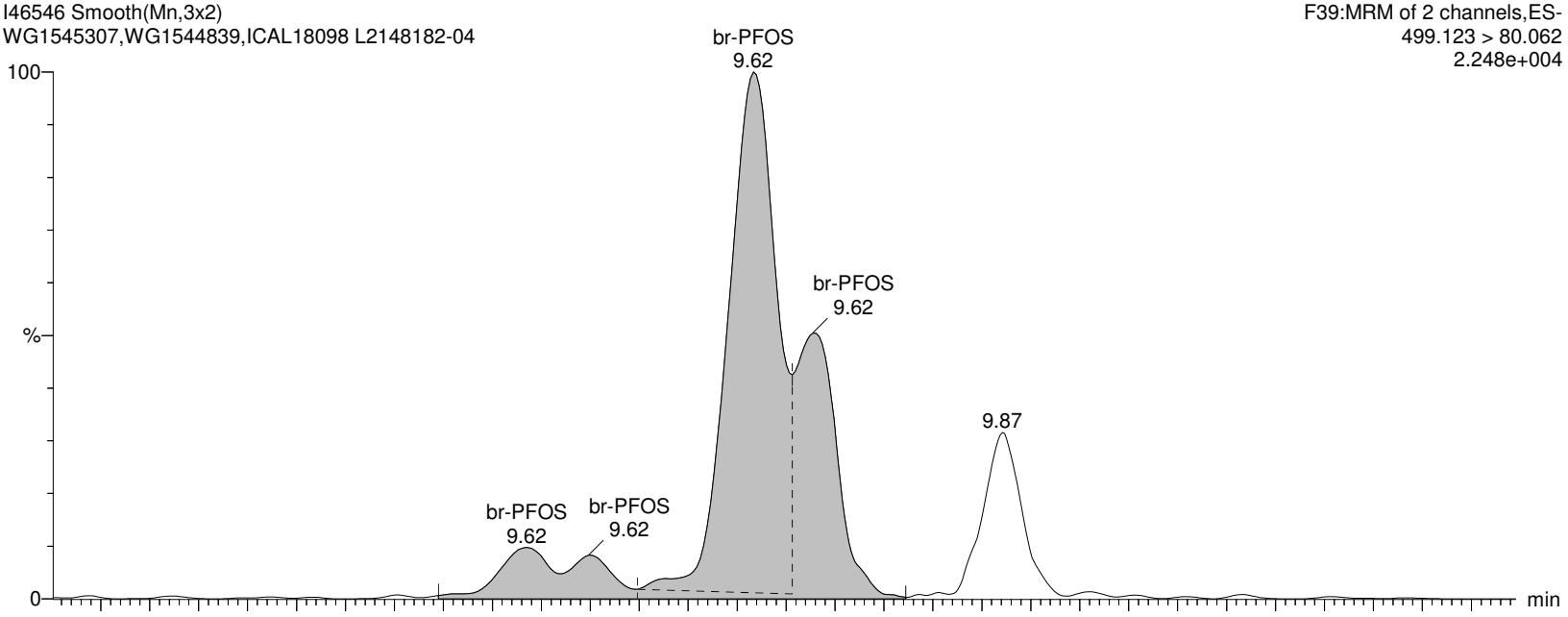


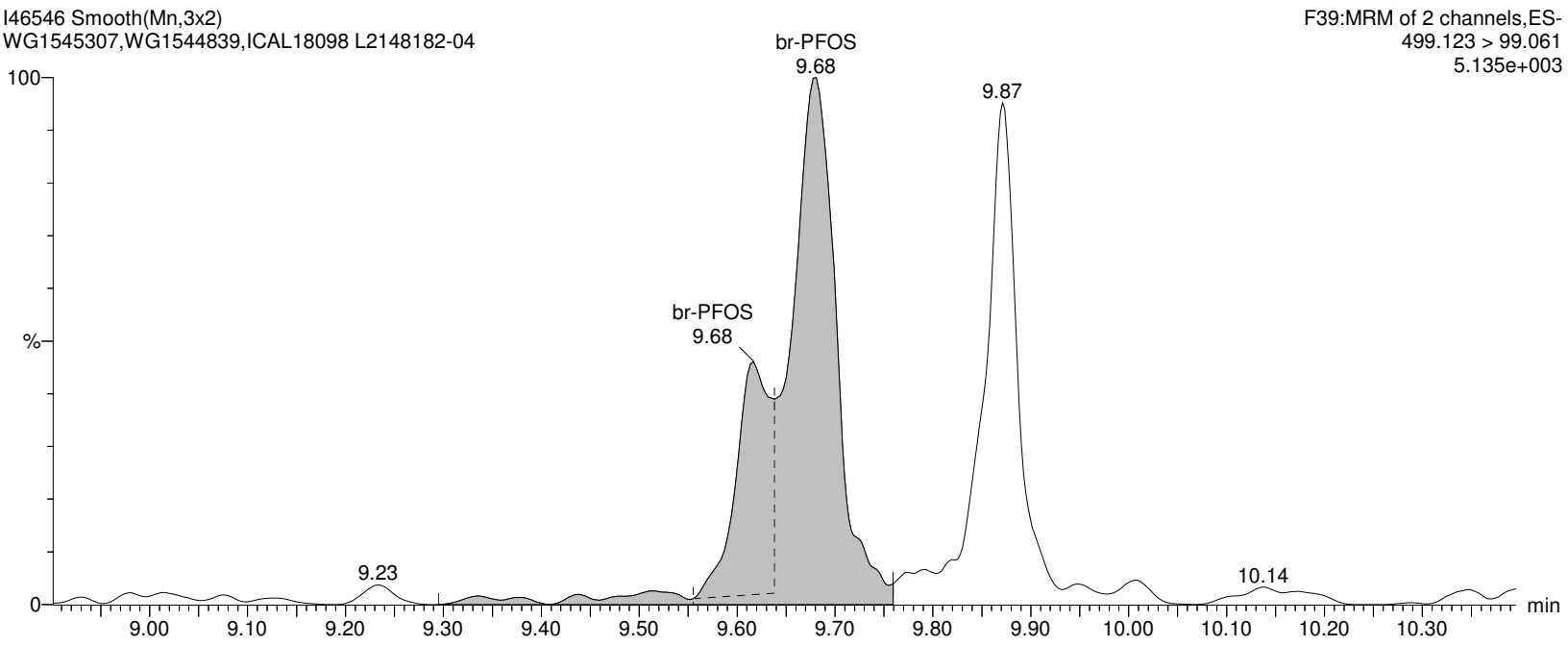
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:05 Eastern Daylight Time

Name: I46546
ID: L2148182-04
Date: 11-Sep-2021
Time: 18:38:14
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOS



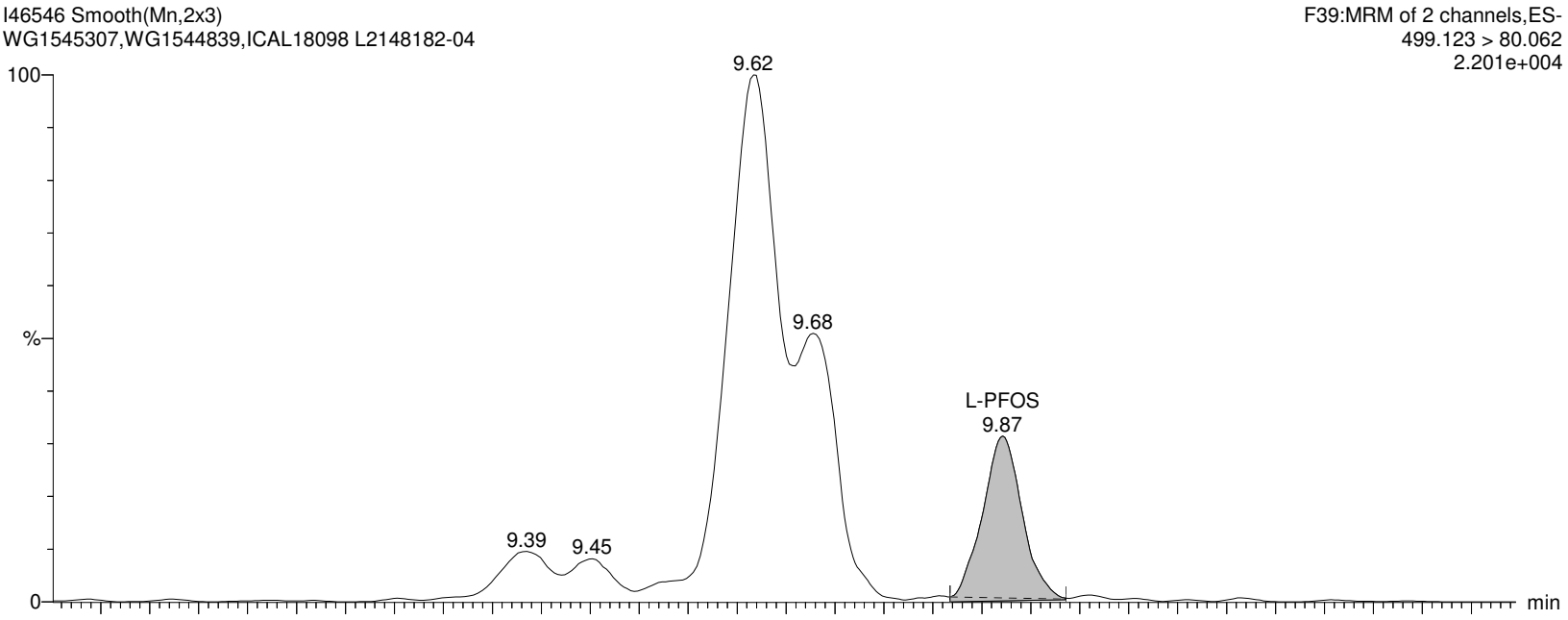


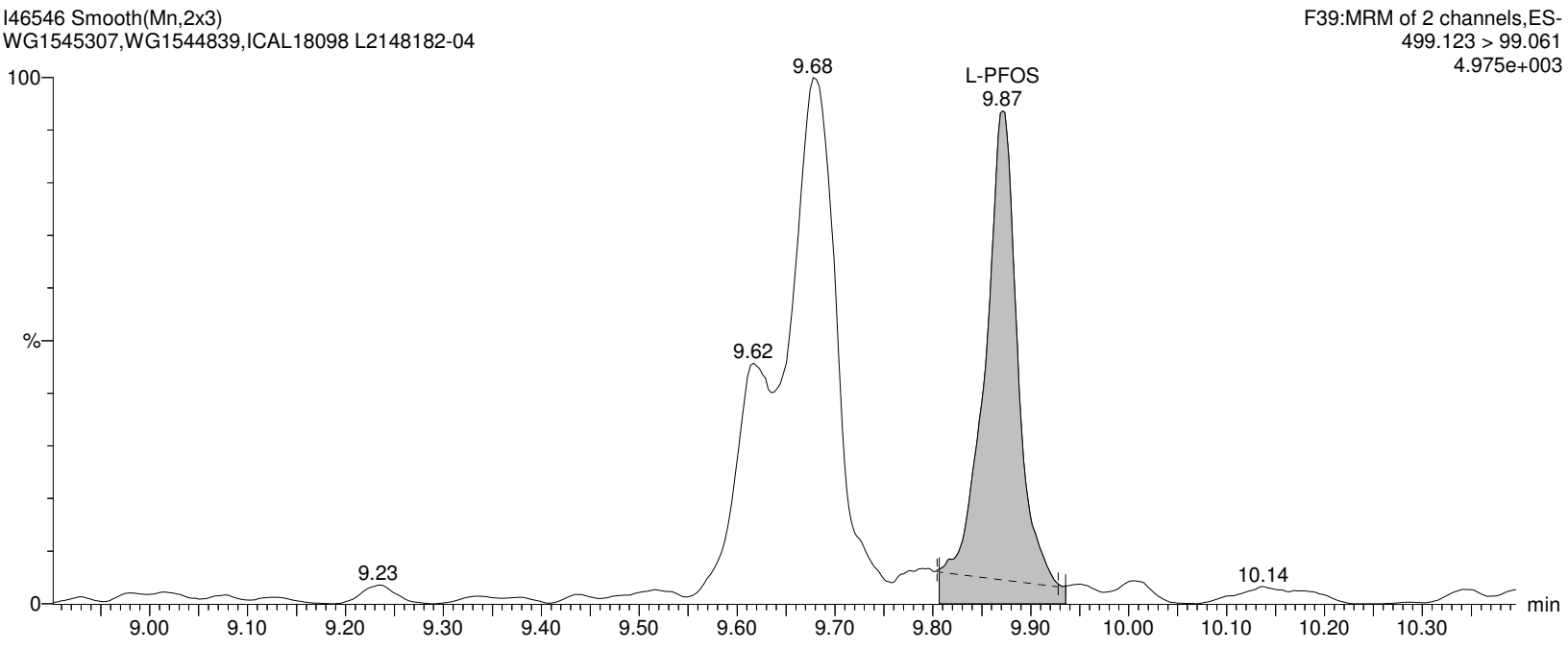
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:05 Eastern Daylight Time

Name: I46546
ID: L2148182-04
Date: 11-Sep-2021
Time: 18:38:14
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOS



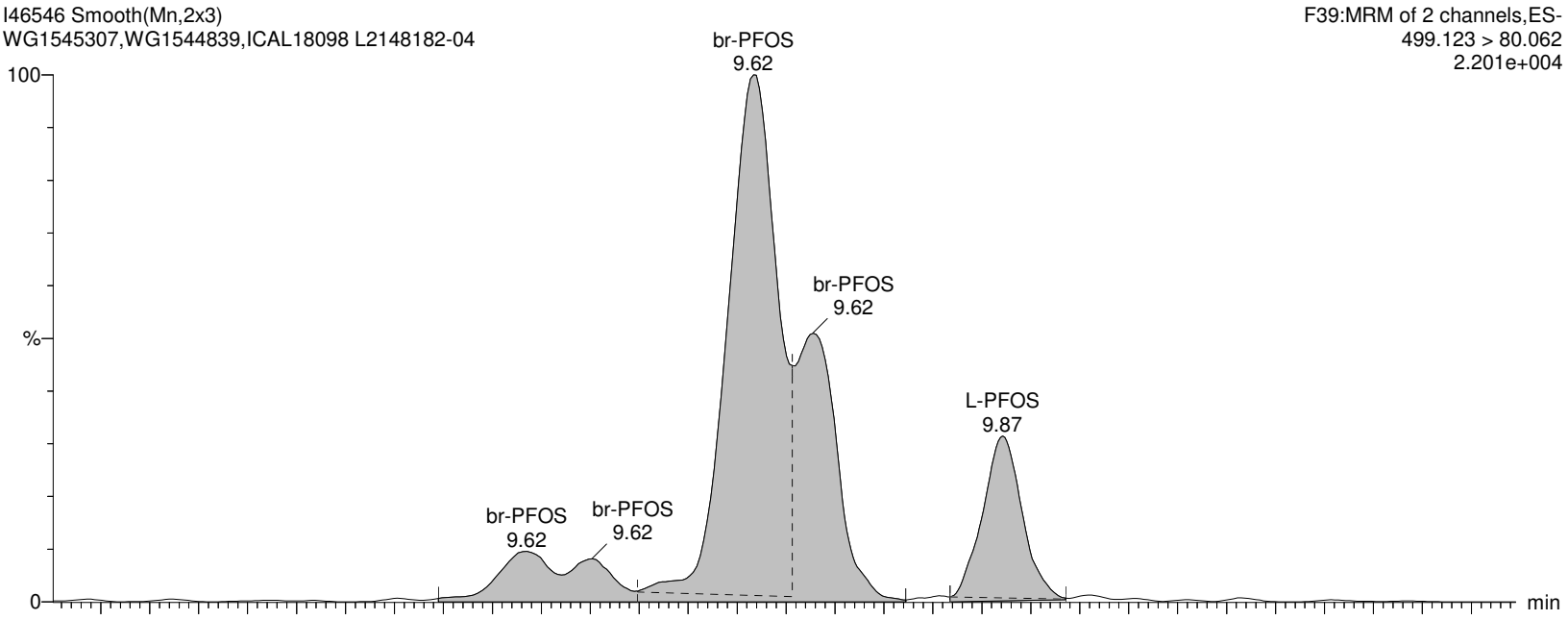


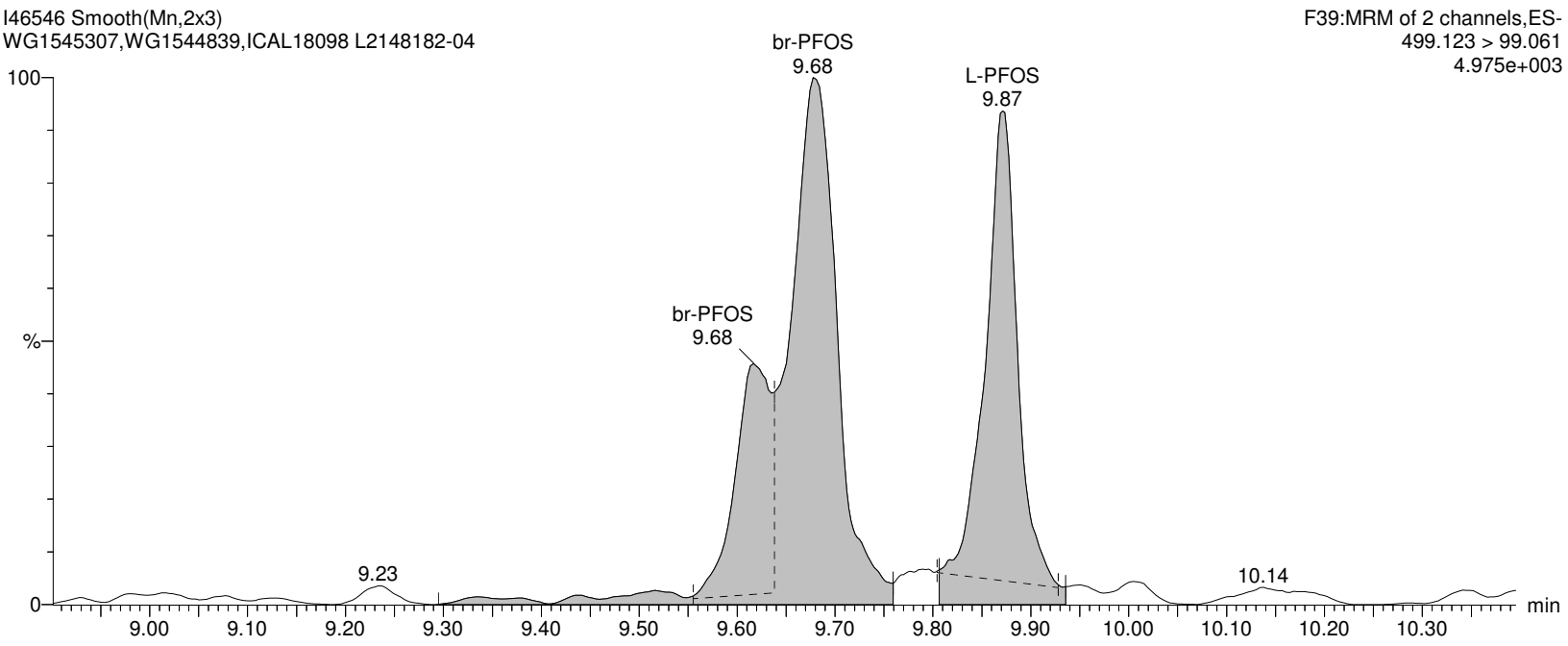
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:05 Eastern Daylight Time

Name: I46546
ID: L2148182-04
Date: 11-Sep-2021
Time: 18:38:14
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOS



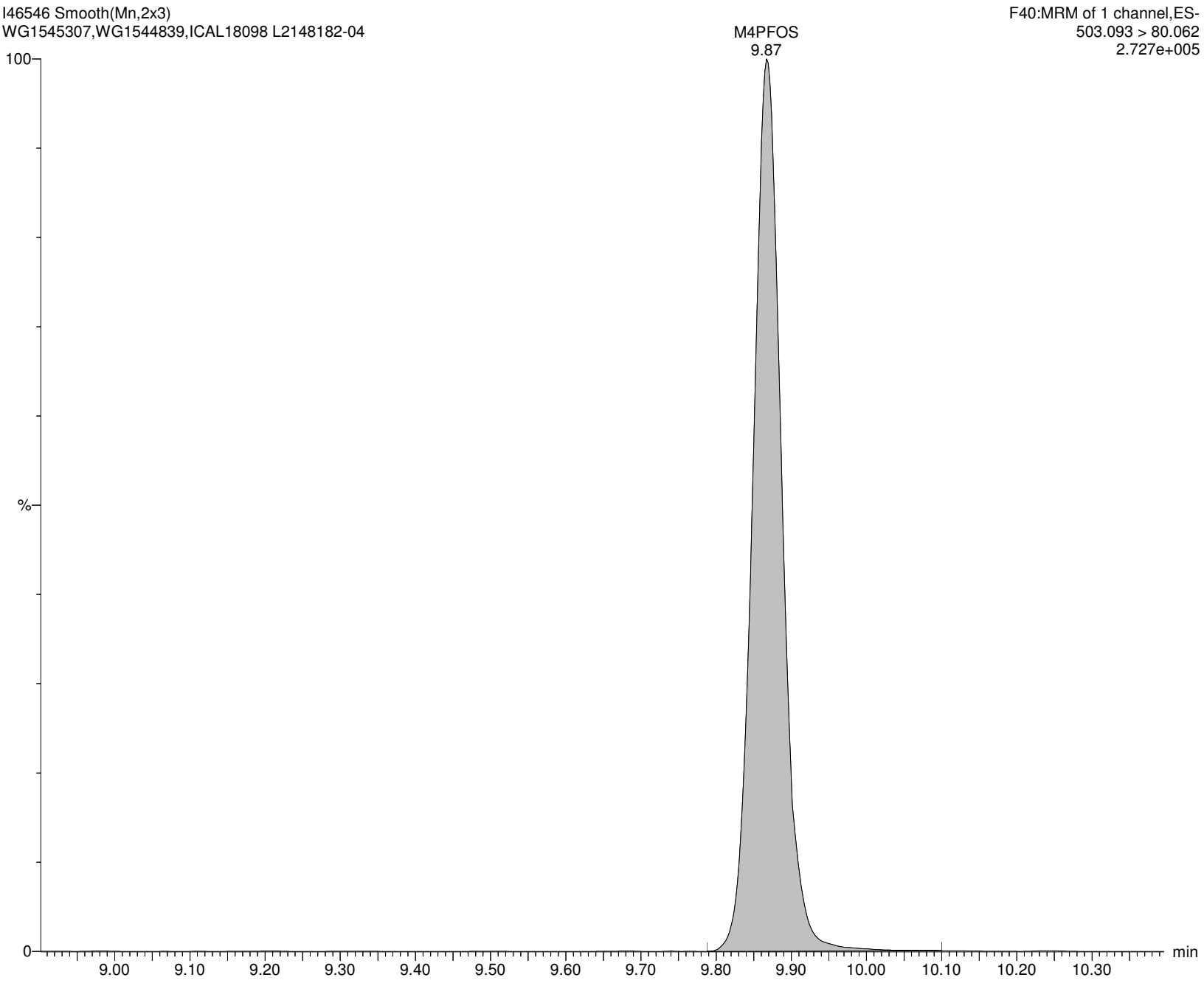


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:05 Eastern Daylight Time

Name: I46546
ID: L2148182-04
Date: 11-Sep-2021
Time: 18:38:14
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOS

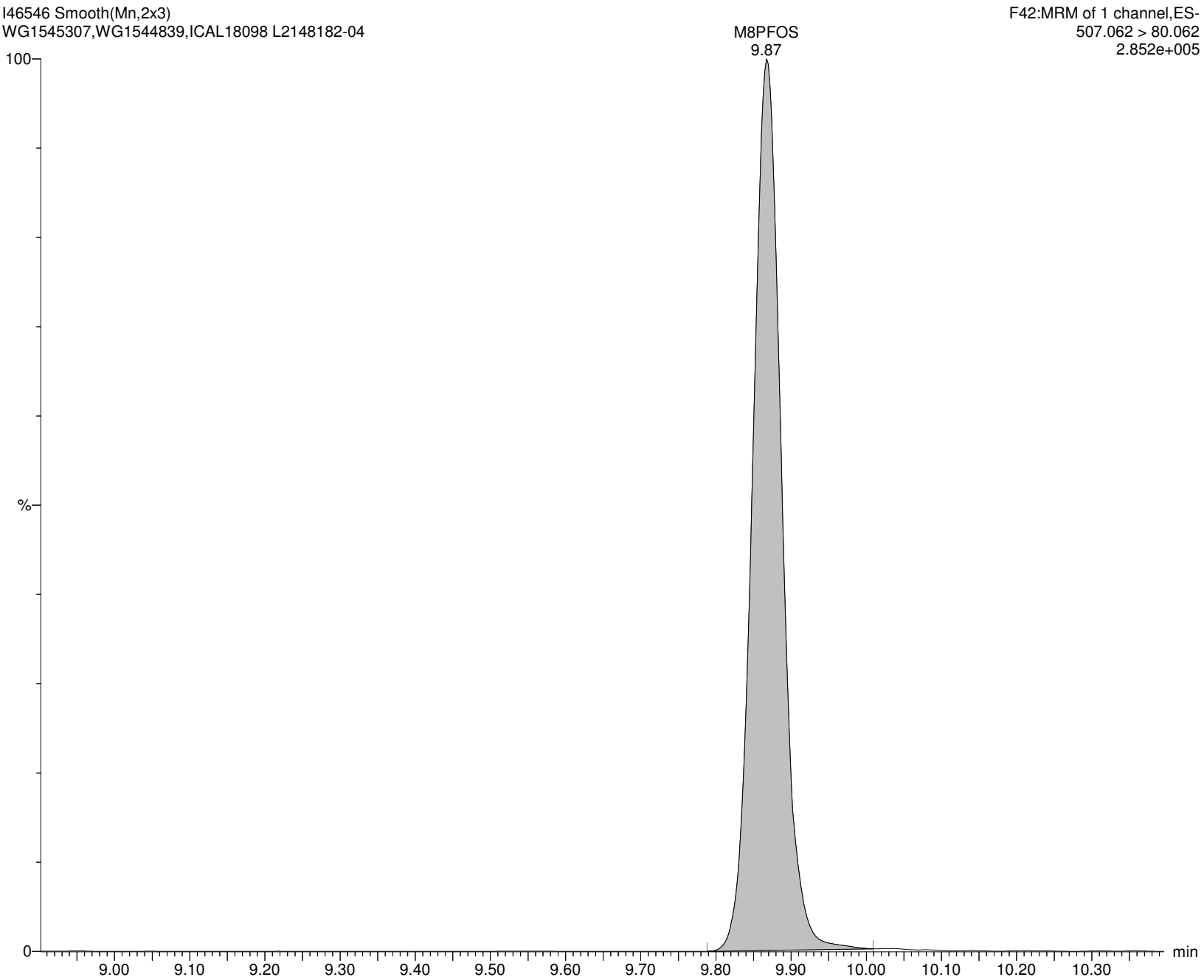


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:05 Eastern Daylight Time

Name: I46546
ID: L2148182-04
Date: 11-Sep-2021
Time: 18:38:14
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOS

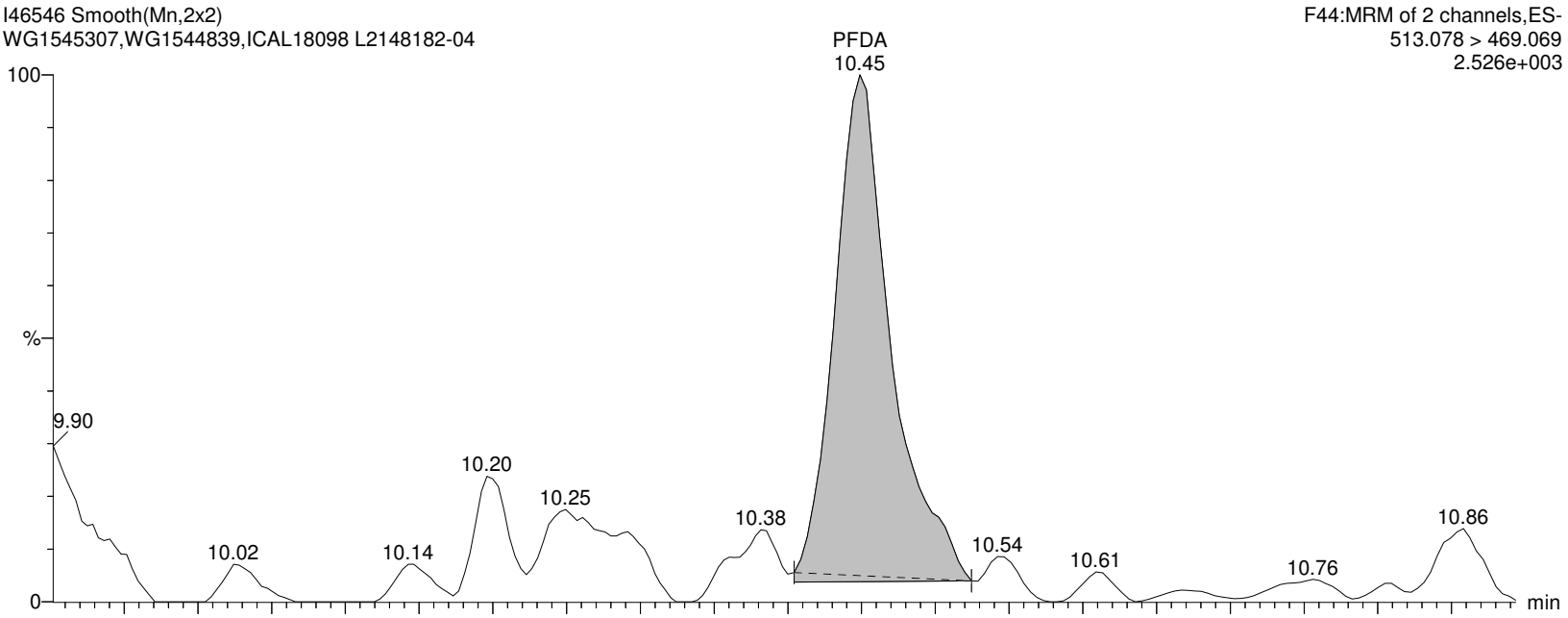


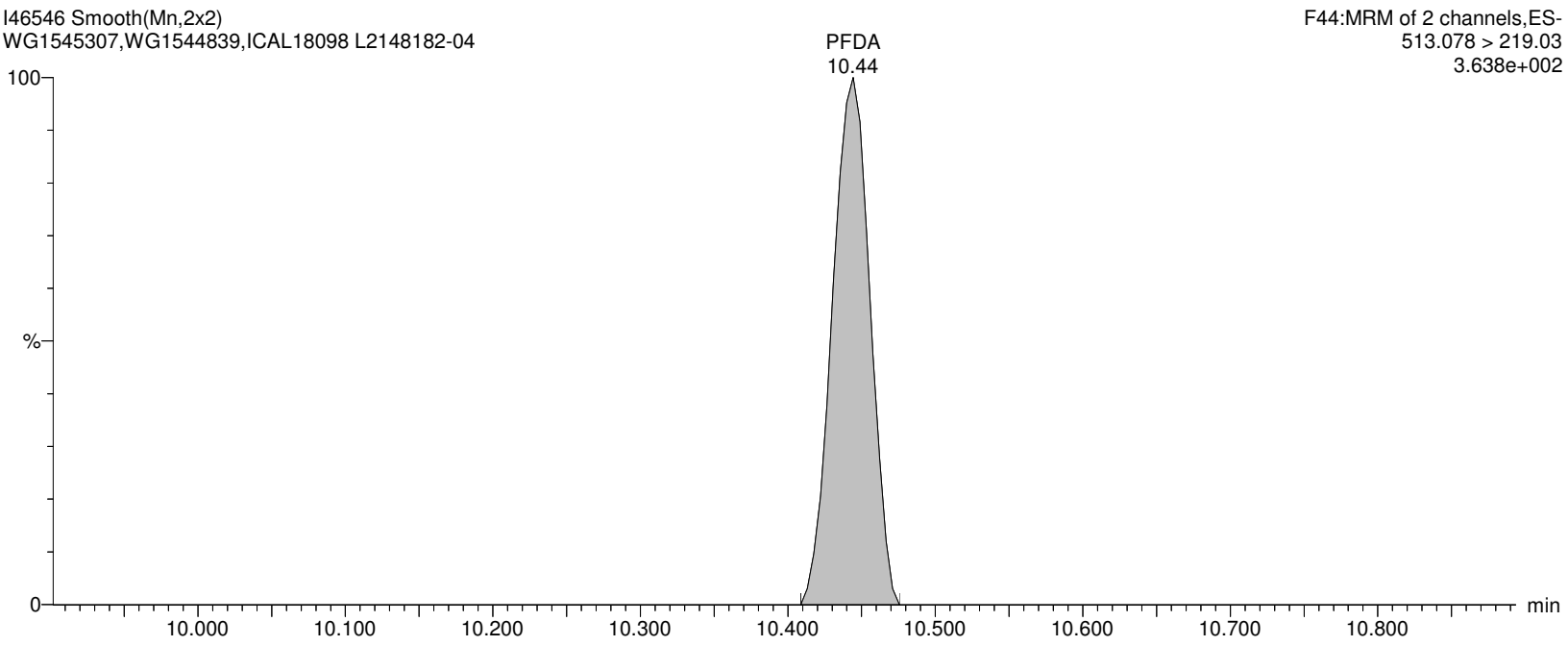
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:05 Eastern Daylight Time

Name: I46546
ID: L2148182-04
Date: 11-Sep-2021
Time: 18:38:14
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDA



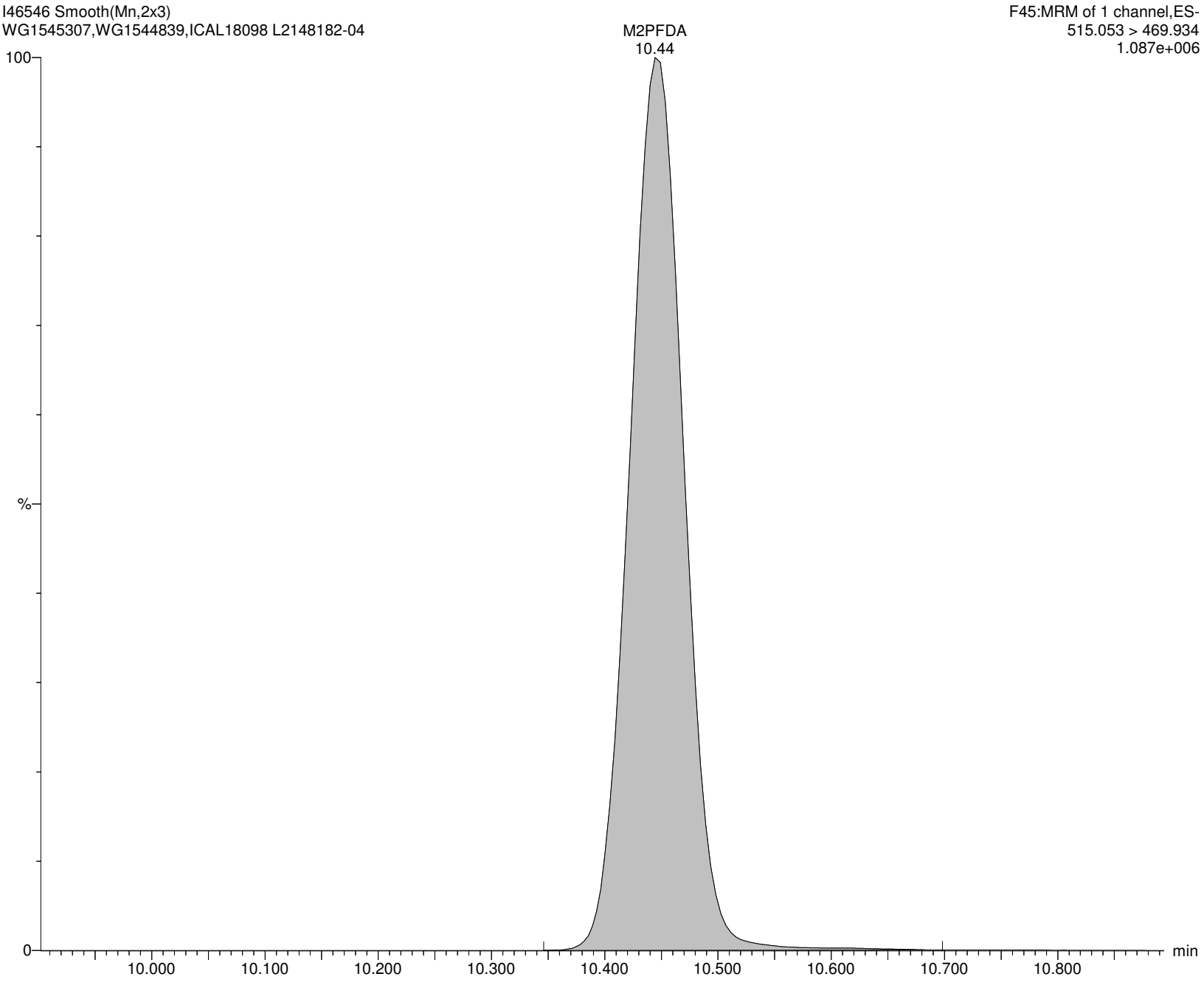


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:05 Eastern Daylight Time

Name: I46546
ID: L2148182-04
Date: 11-Sep-2021
Time: 18:38:14
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFDA

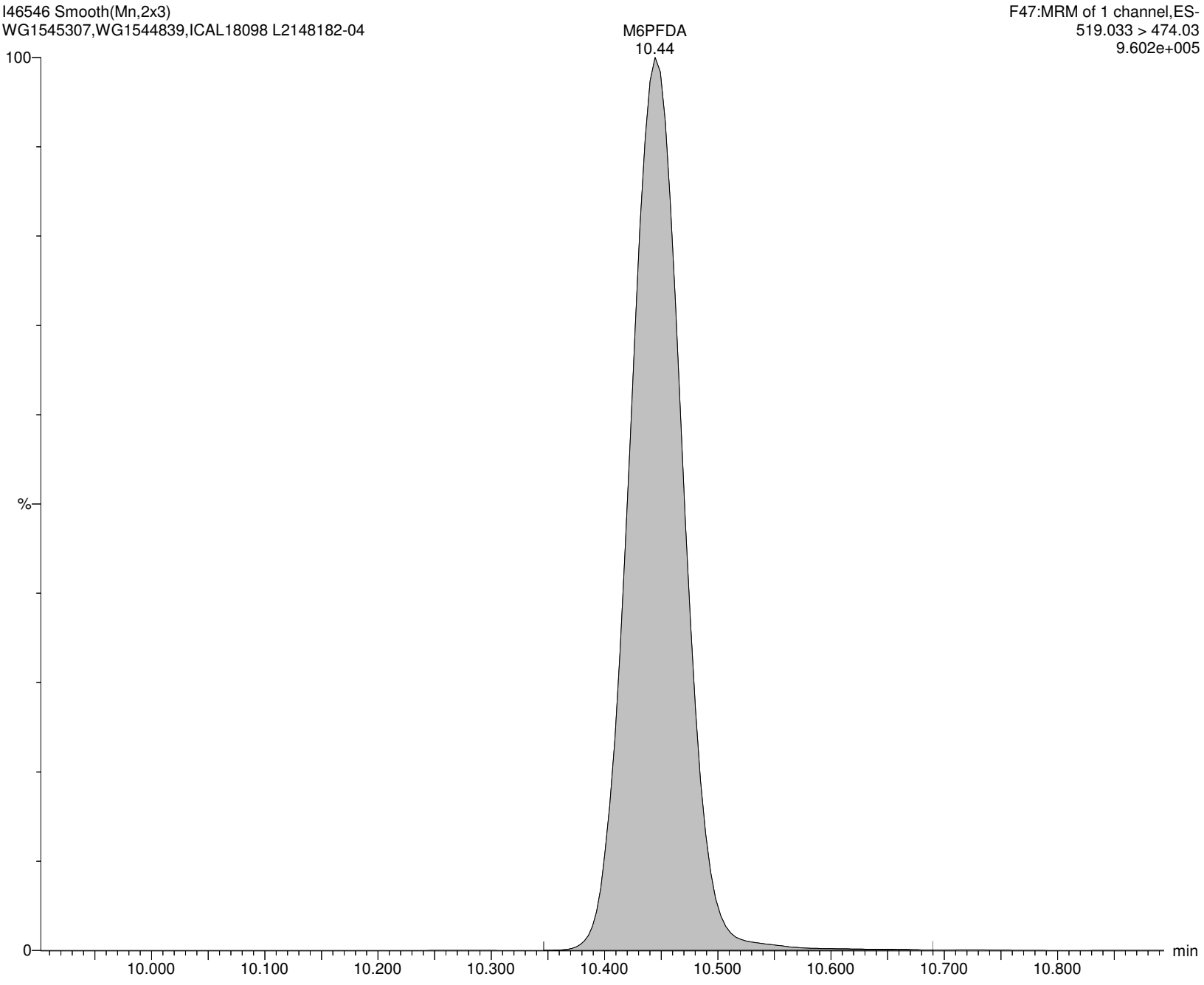


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:05 Eastern Daylight Time

Name: I46546
ID: L2148182-04
Date: 11-Sep-2021
Time: 18:38:14
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M6PFDA

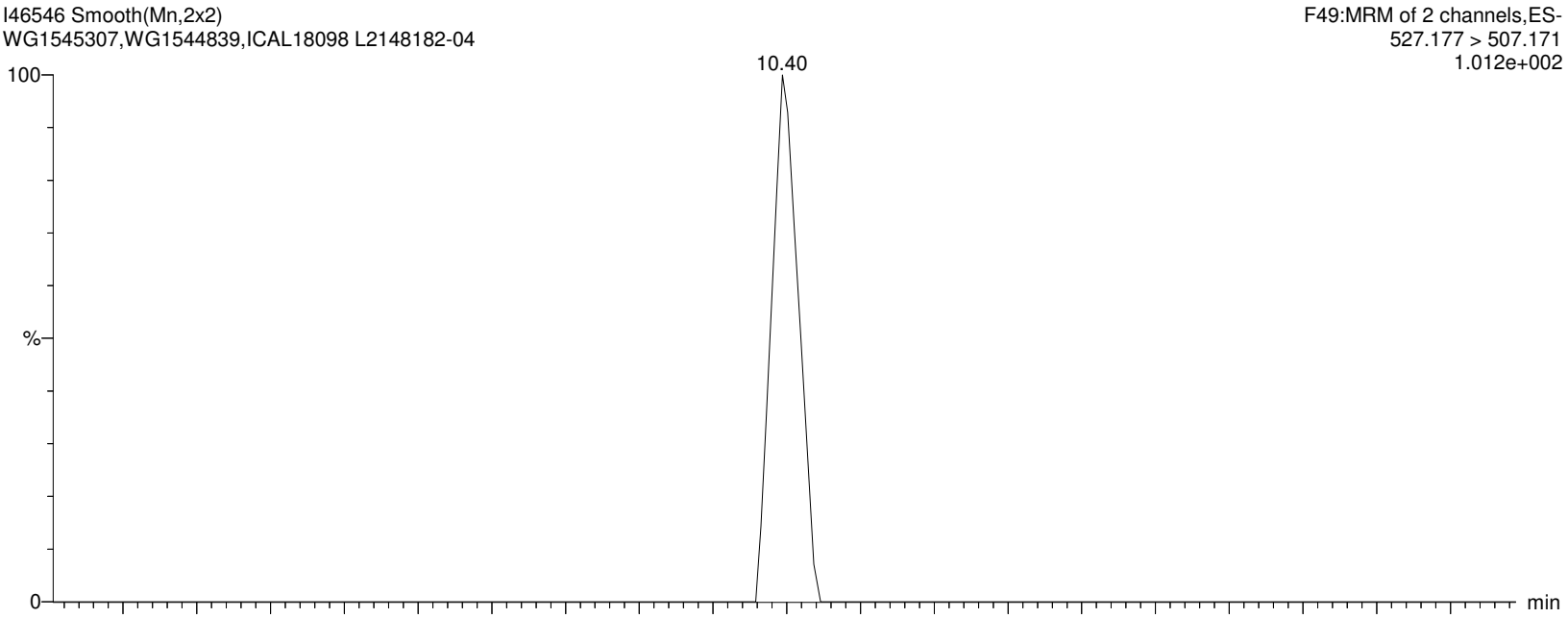


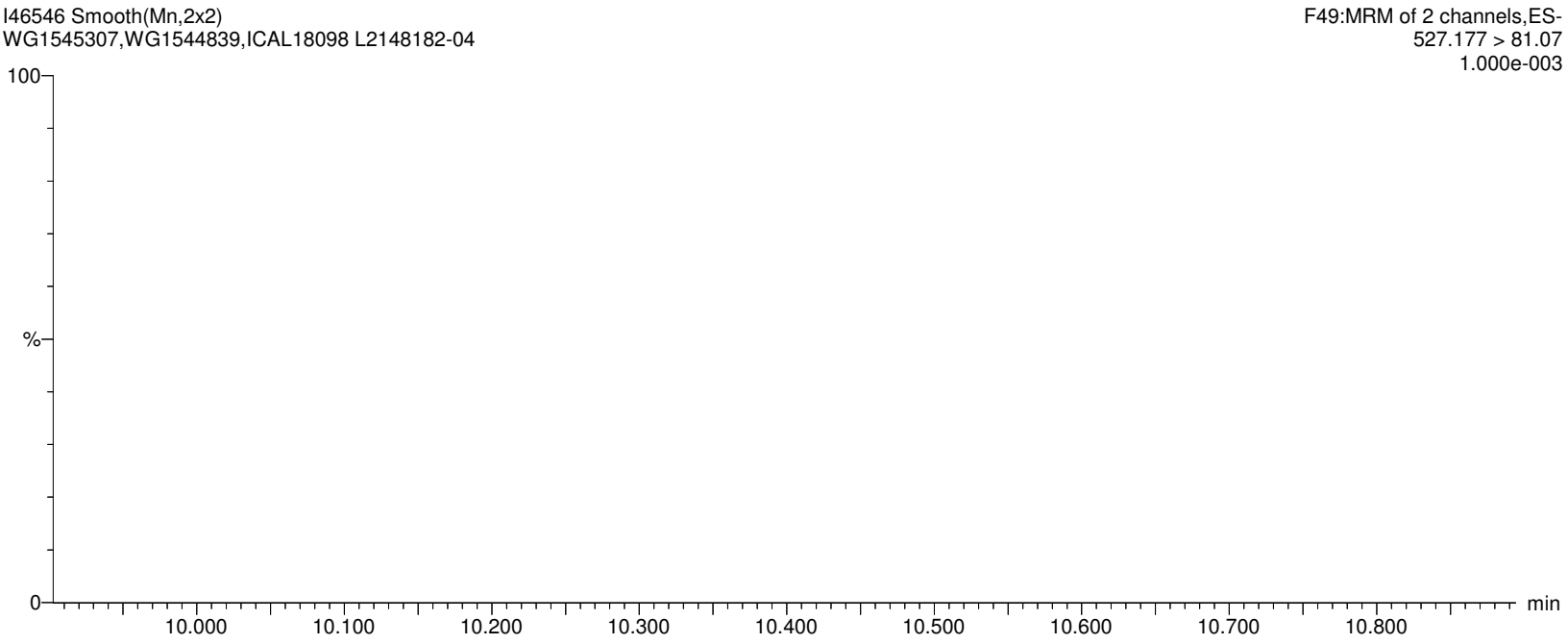
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:05 Eastern Daylight Time

Name: I46546
ID: L2148182-04
Date: 11-Sep-2021
Time: 18:38:14
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

8:2FTS



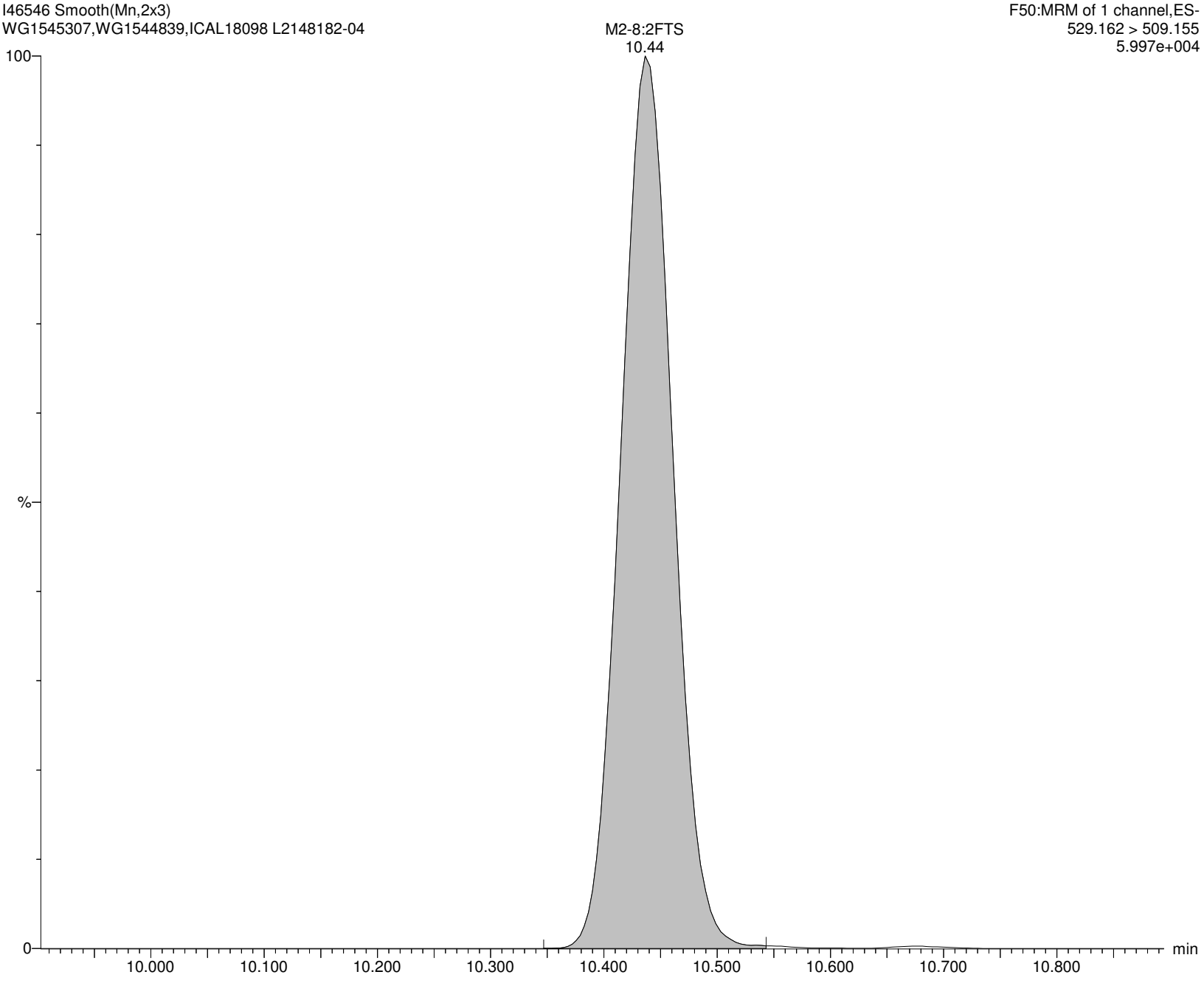


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:05 Eastern Daylight Time

Name: I46546
ID: L2148182-04
Date: 11-Sep-2021
Time: 18:38:14
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-8:2FTS

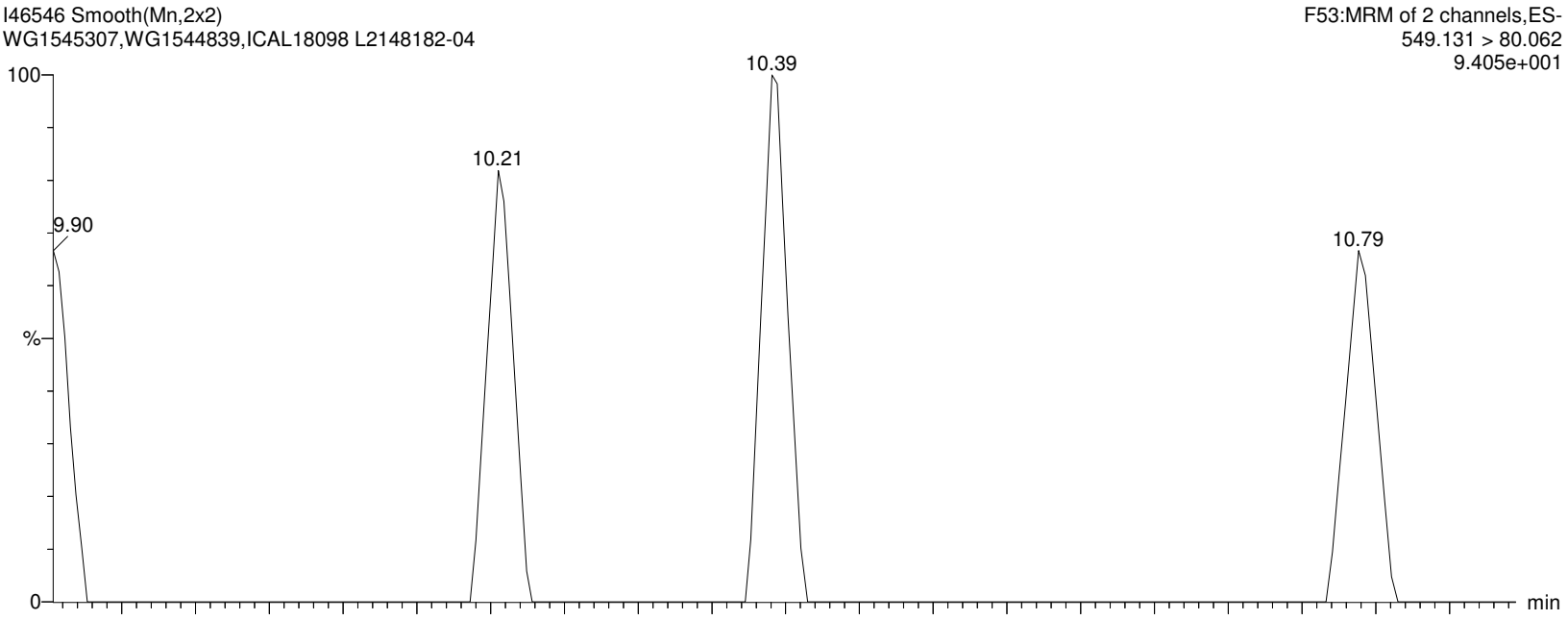


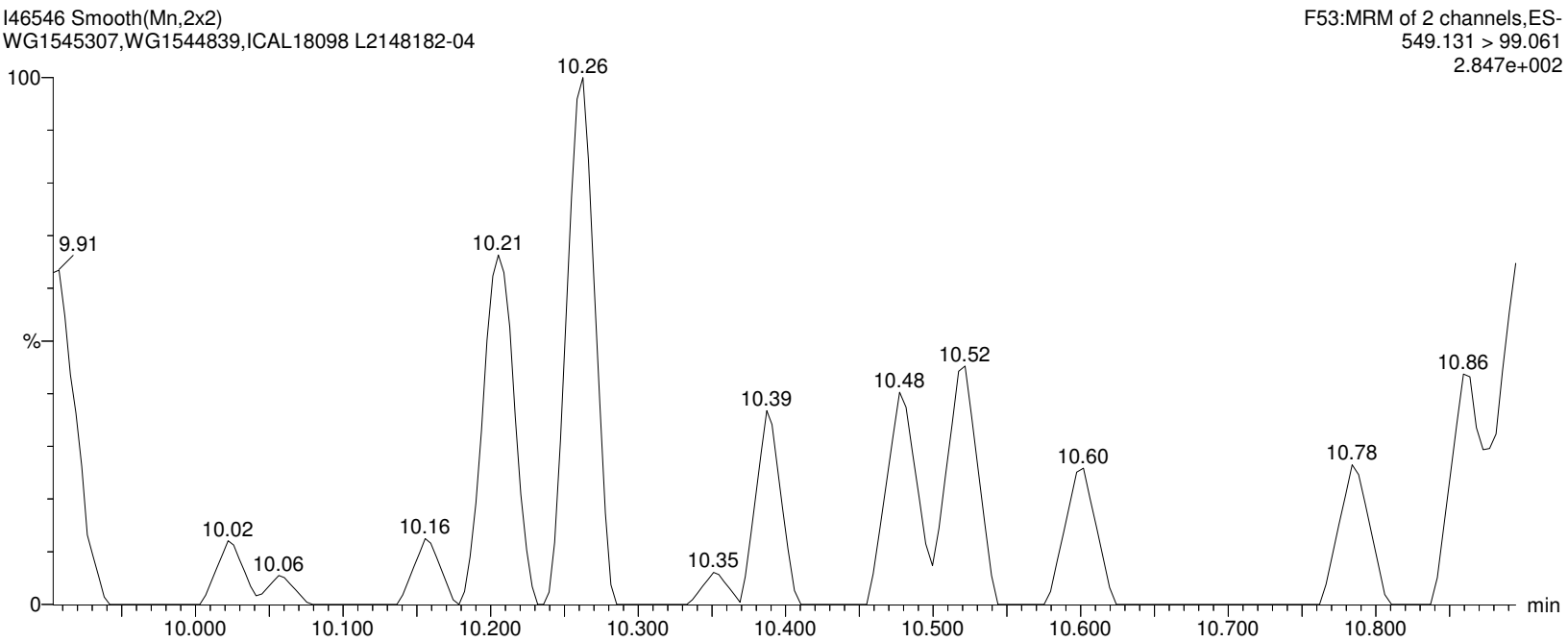
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:05 Eastern Daylight Time

Name: I46546
ID: L2148182-04
Date: 11-Sep-2021
Time: 18:38:14
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNS



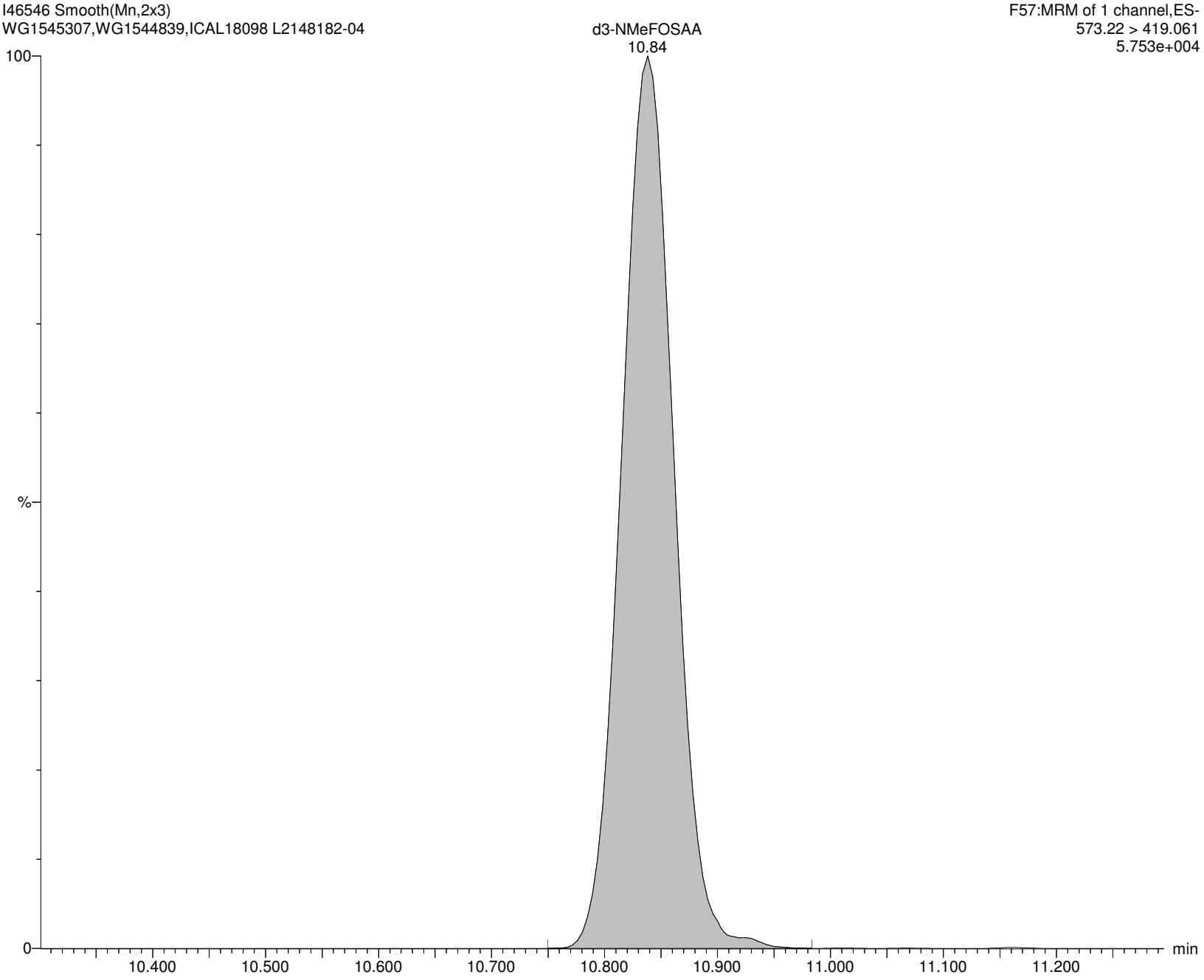


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:05 Eastern Daylight Time

Name: I46546
ID: L2148182-04
Date: 11-Sep-2021
Time: 18:38:14
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSAA

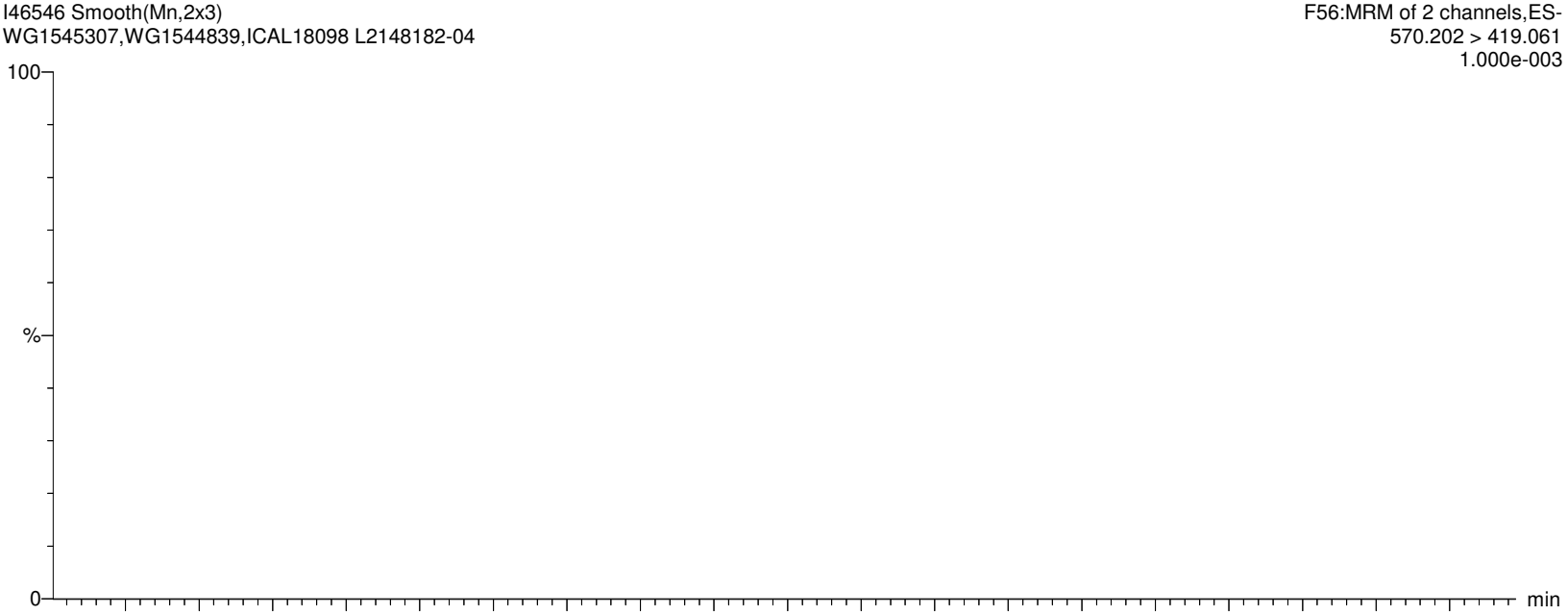


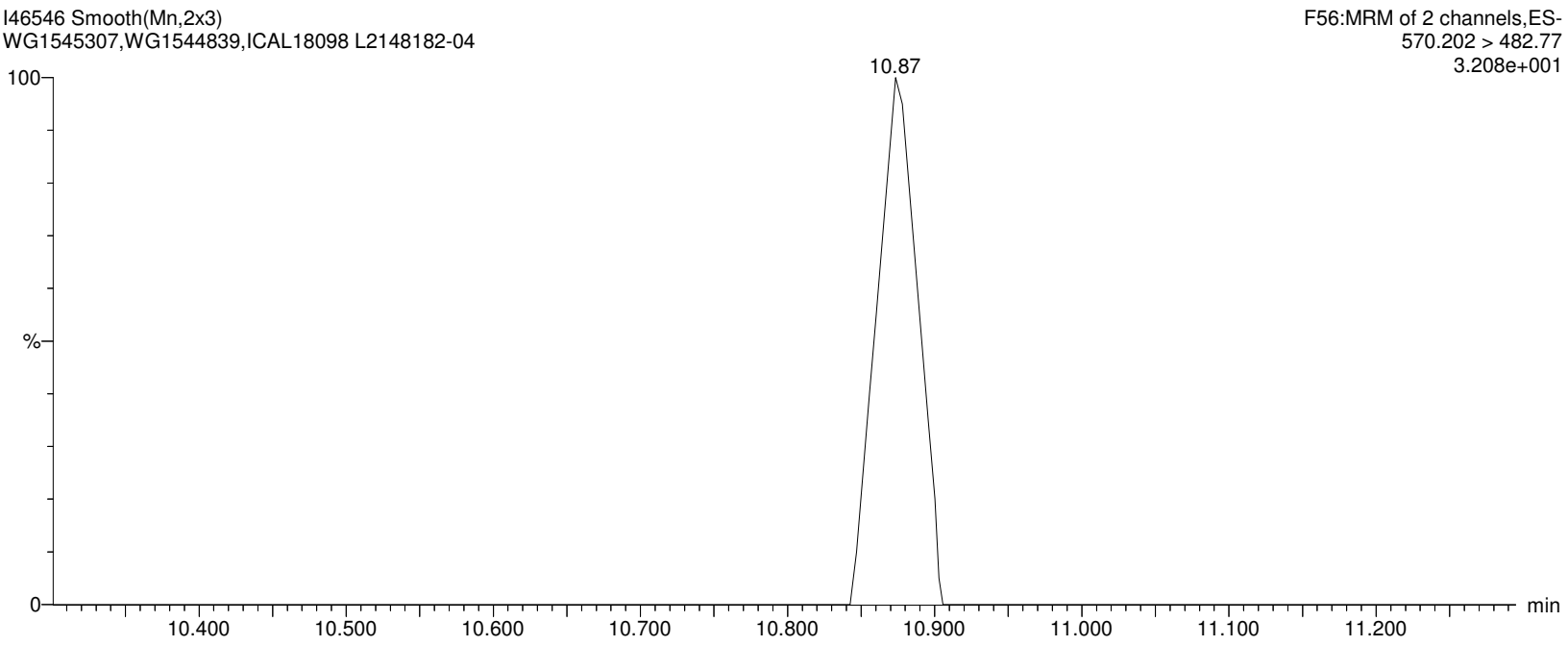
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:05 Eastern Daylight Time

Name: I46546
ID: L2148182-04
Date: 11-Sep-2021
Time: 18:38:14
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NMeFOSAA



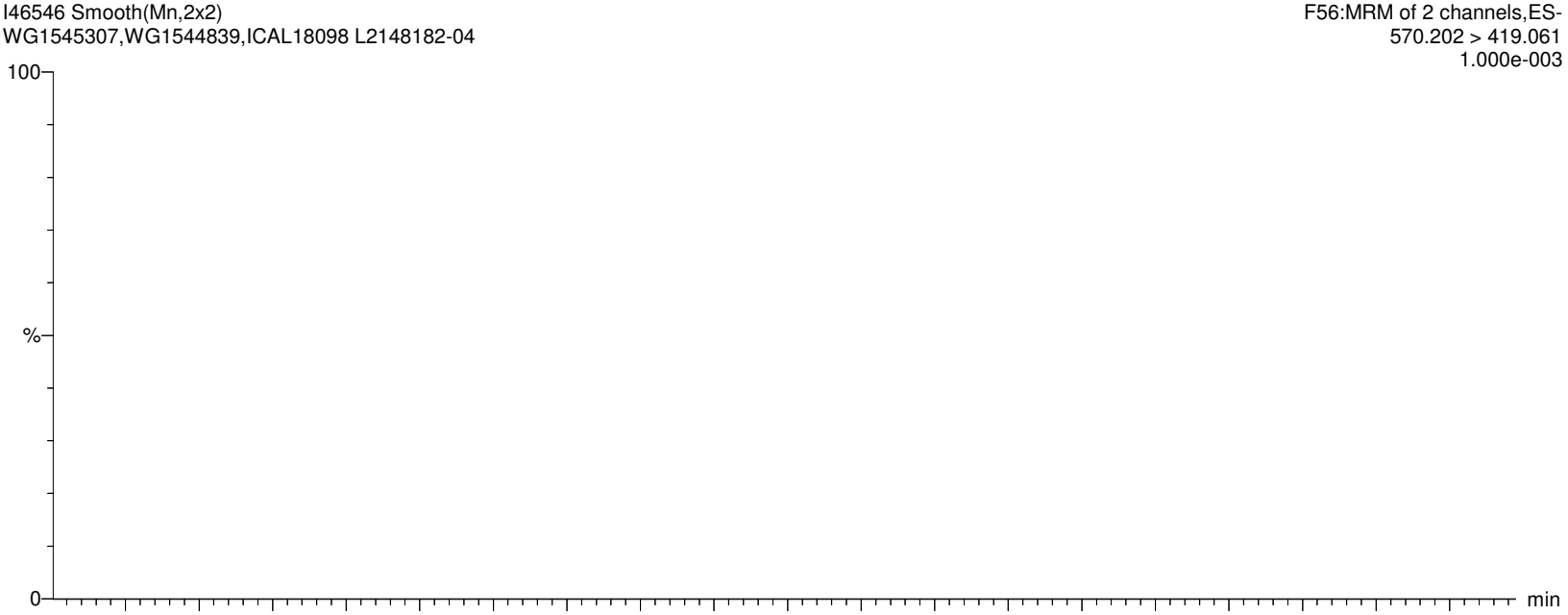


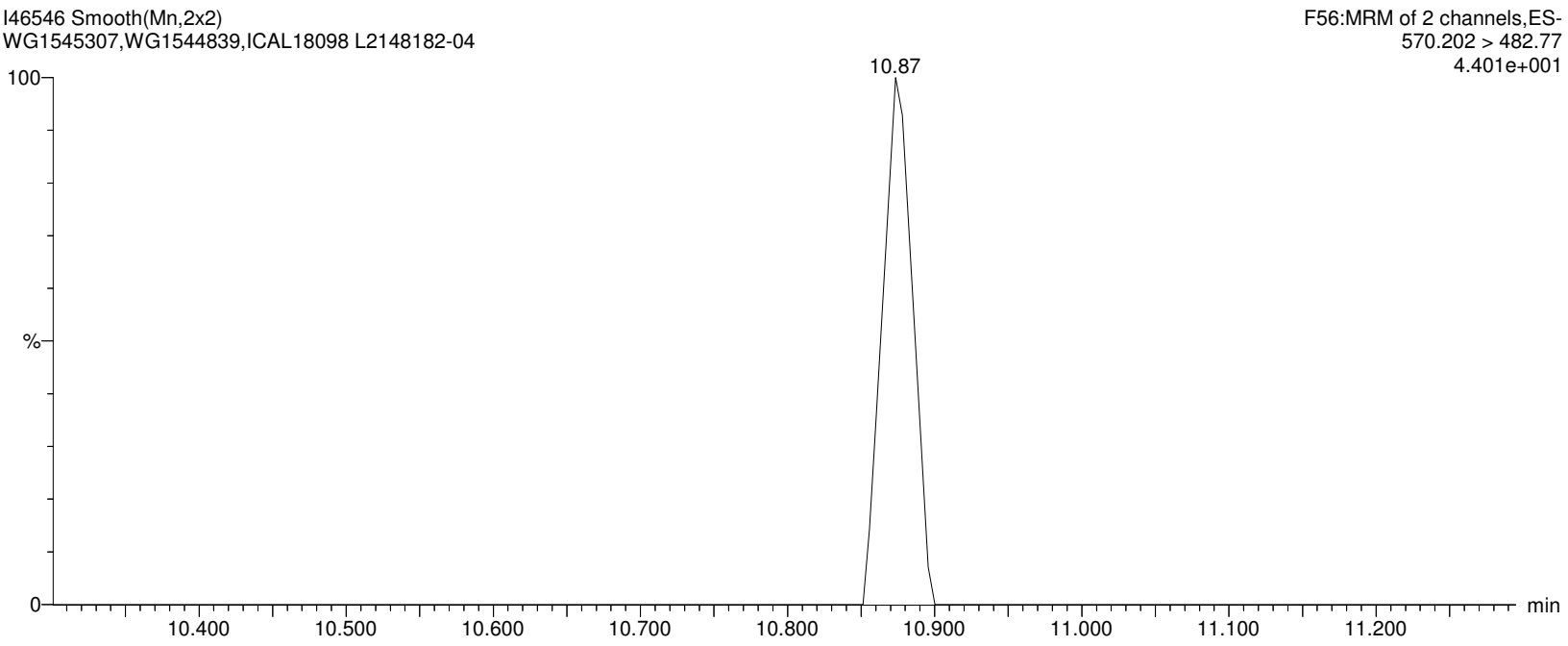
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:05 Eastern Daylight Time

Name: I46546
ID: L2148182-04
Date: 11-Sep-2021
Time: 18:38:14
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NMeFOSAA



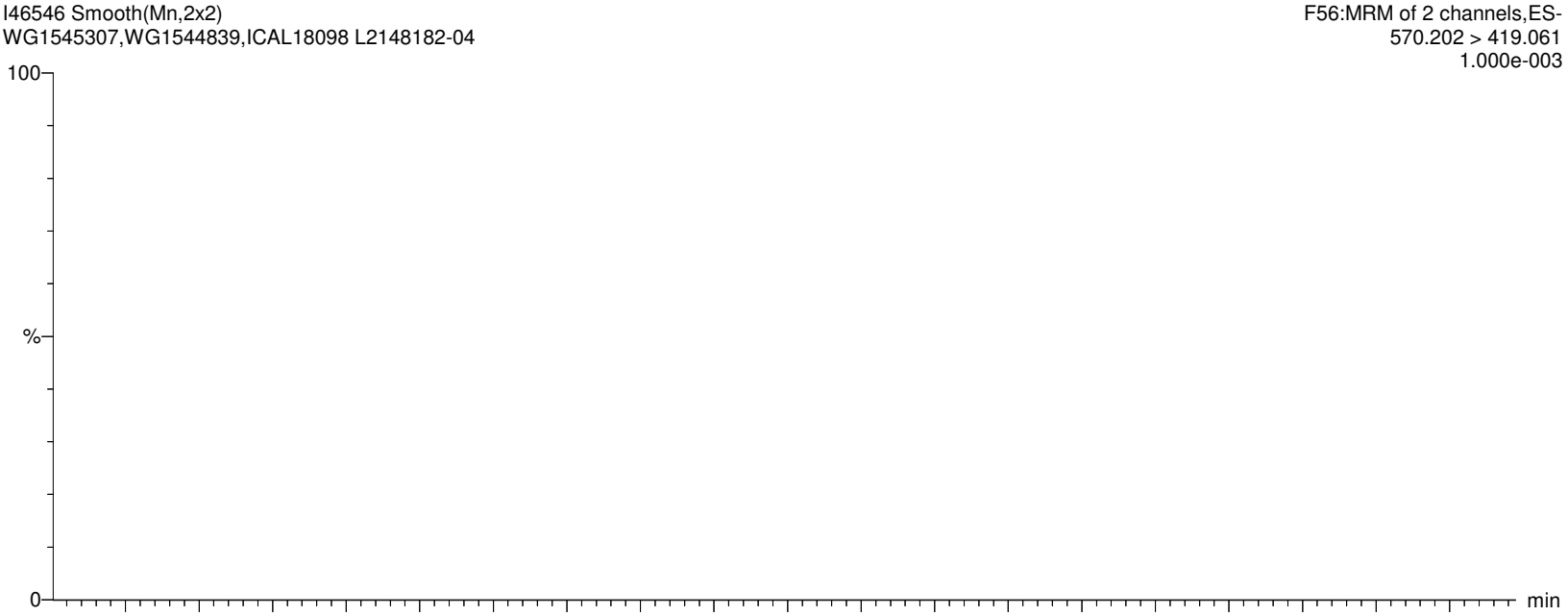


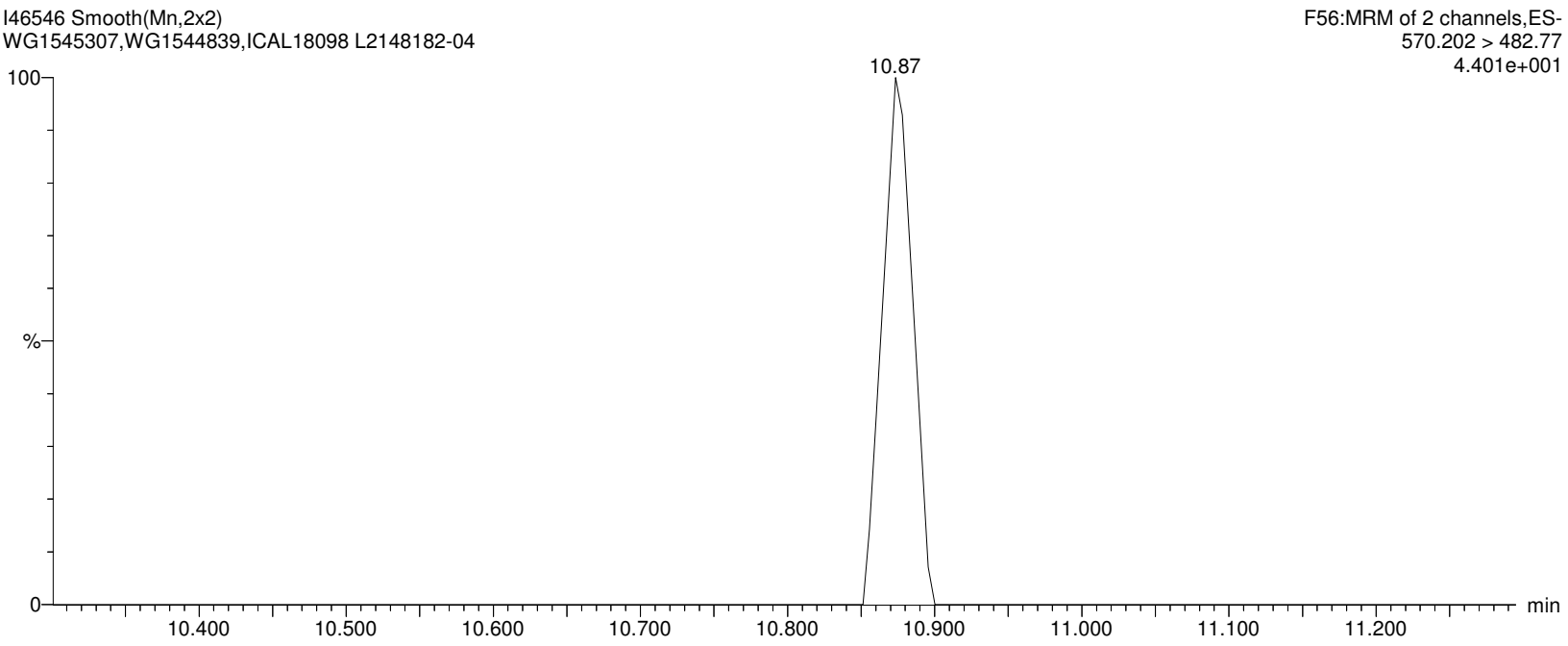
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:05 Eastern Daylight Time

Name: I46546
ID: L2148182-04
Date: 11-Sep-2021
Time: 18:38:14
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSAA



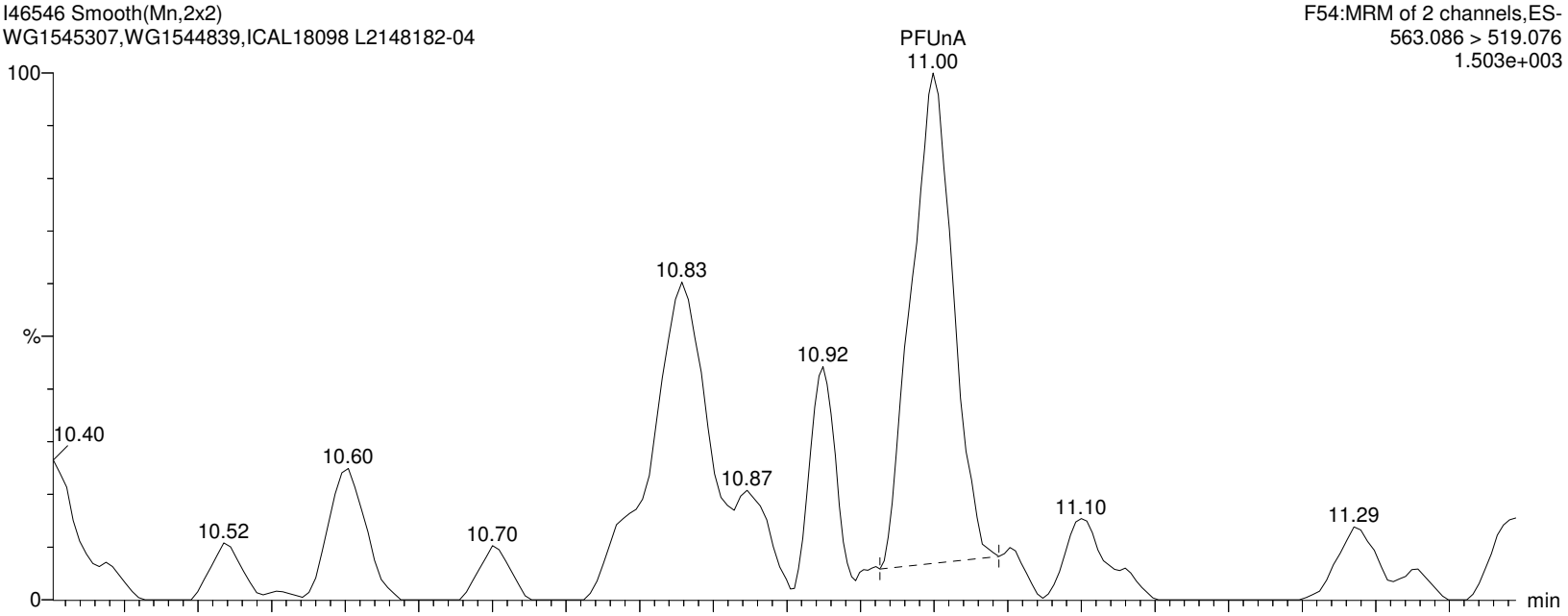


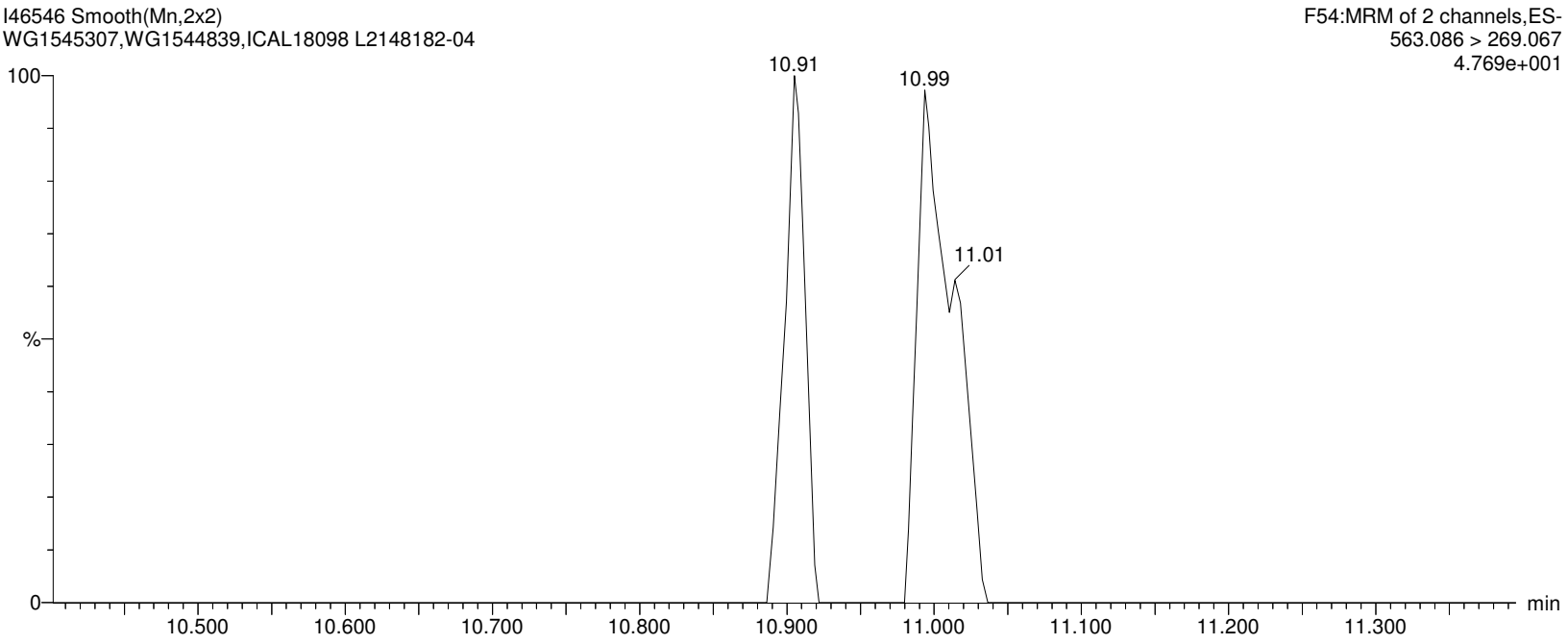
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:05 Eastern Daylight Time

Name: I46546
ID: L2148182-04
Date: 11-Sep-2021
Time: 18:38:14
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFUnA



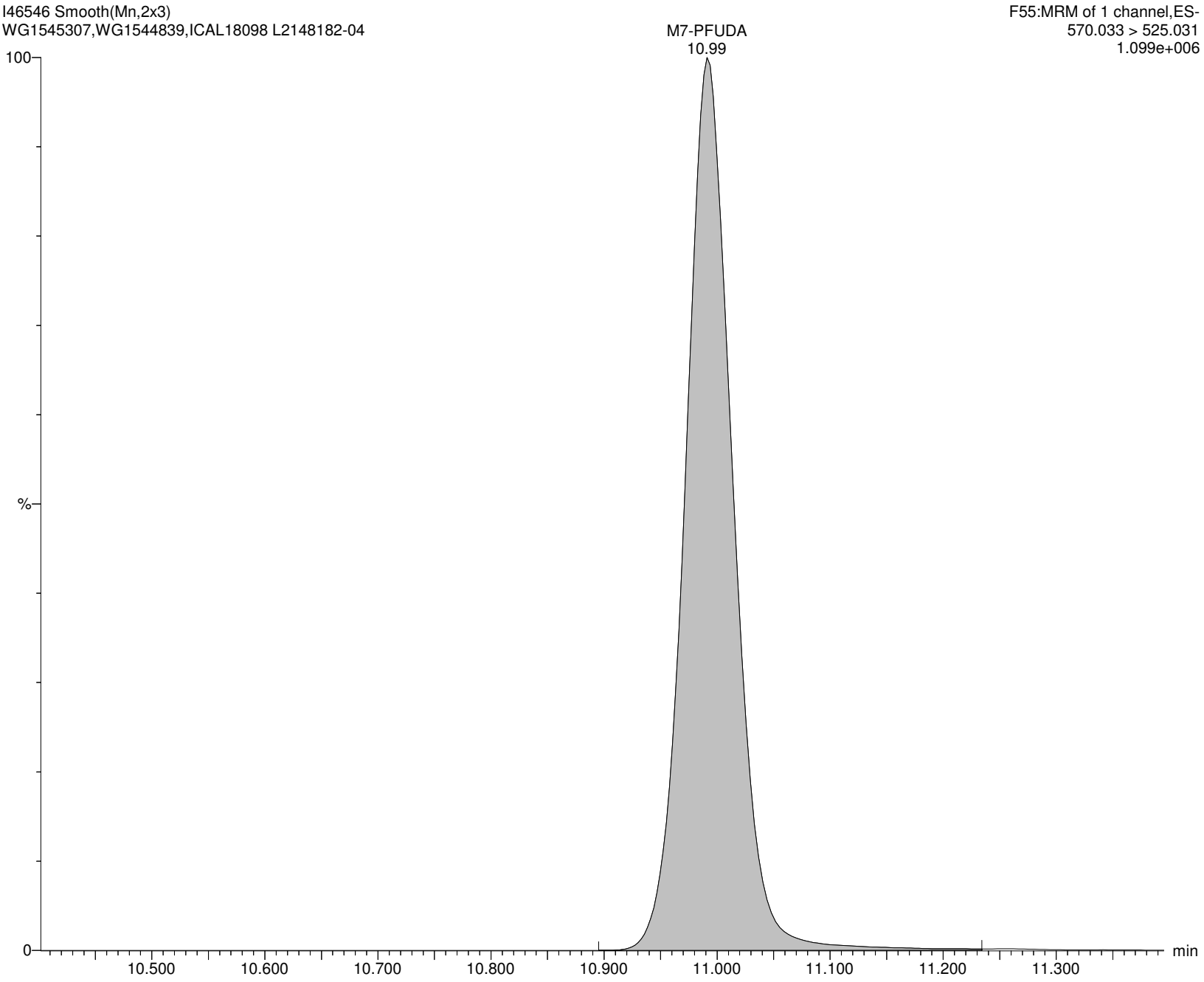


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:05 Eastern Daylight Time

Name: I46546
ID: L2148182-04
Date: 11-Sep-2021
Time: 18:38:14
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M7-PFUDA

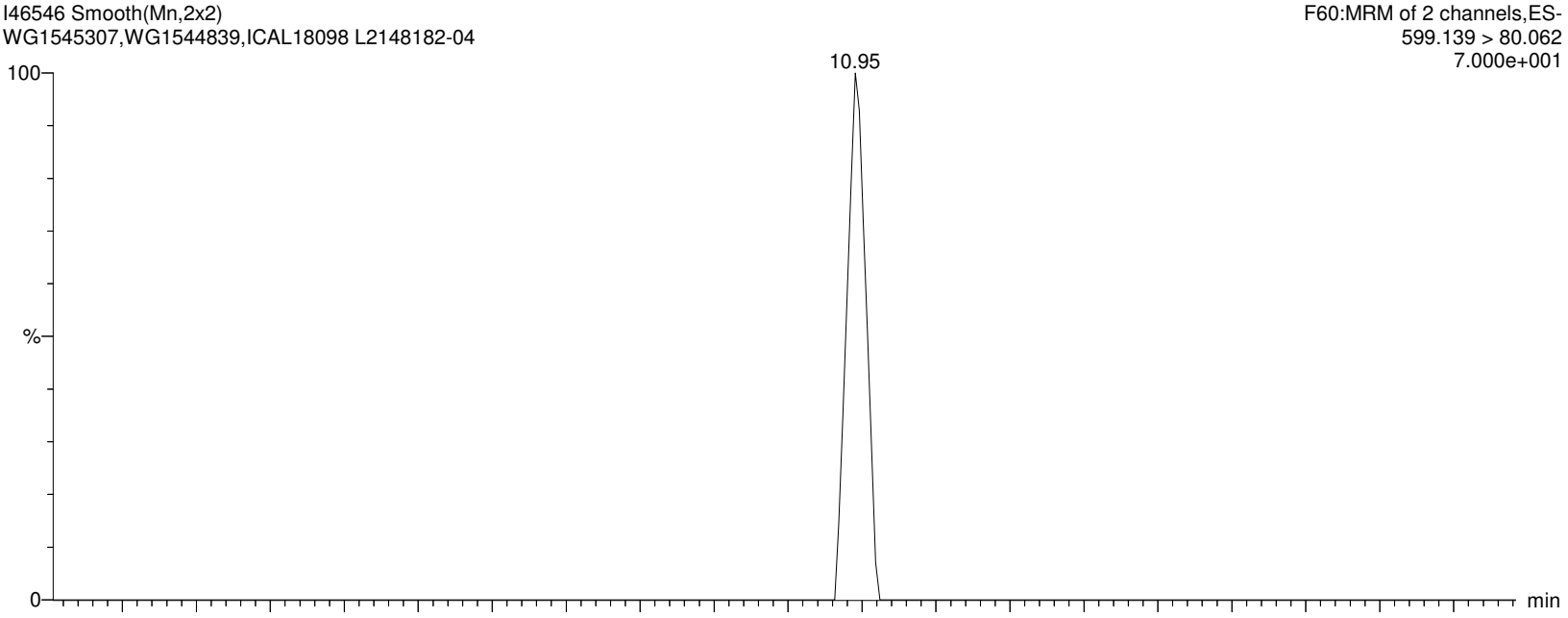


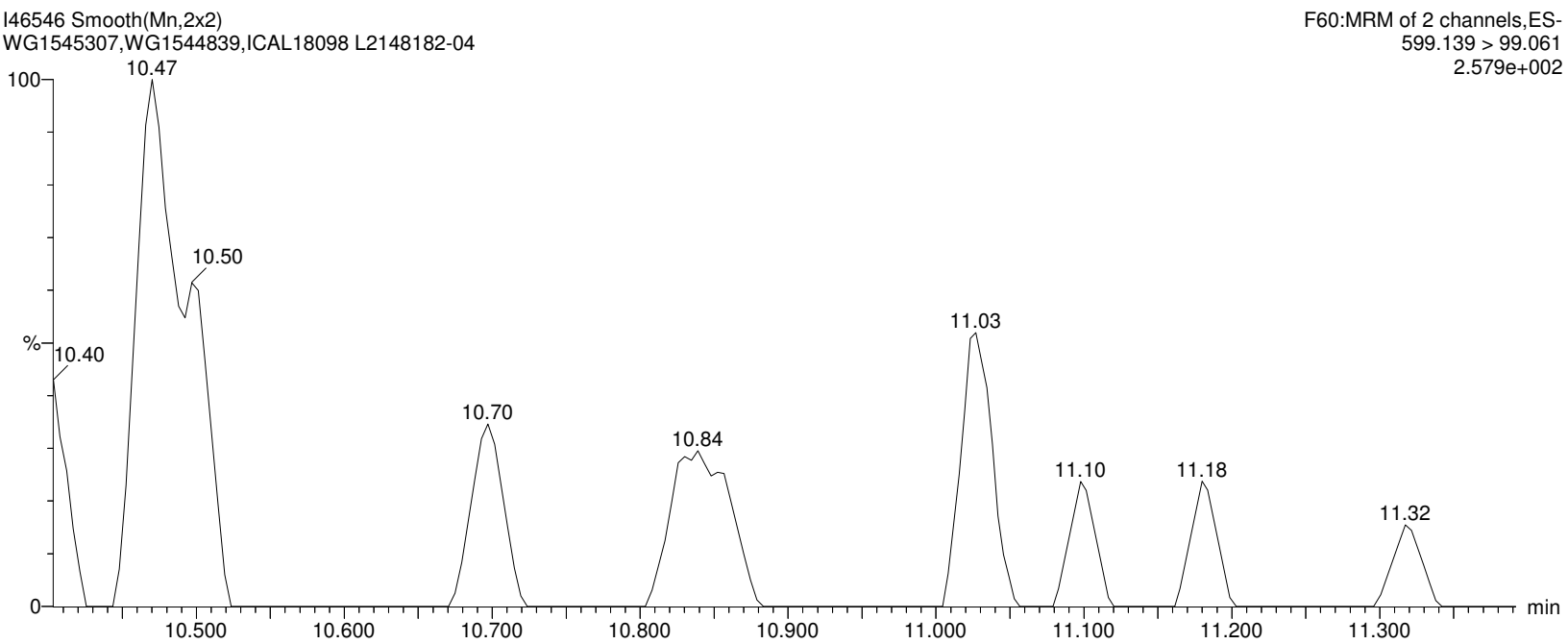
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:05 Eastern Daylight Time

Name: I46546
ID: L2148182-04
Date: 11-Sep-2021
Time: 18:38:14
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDS



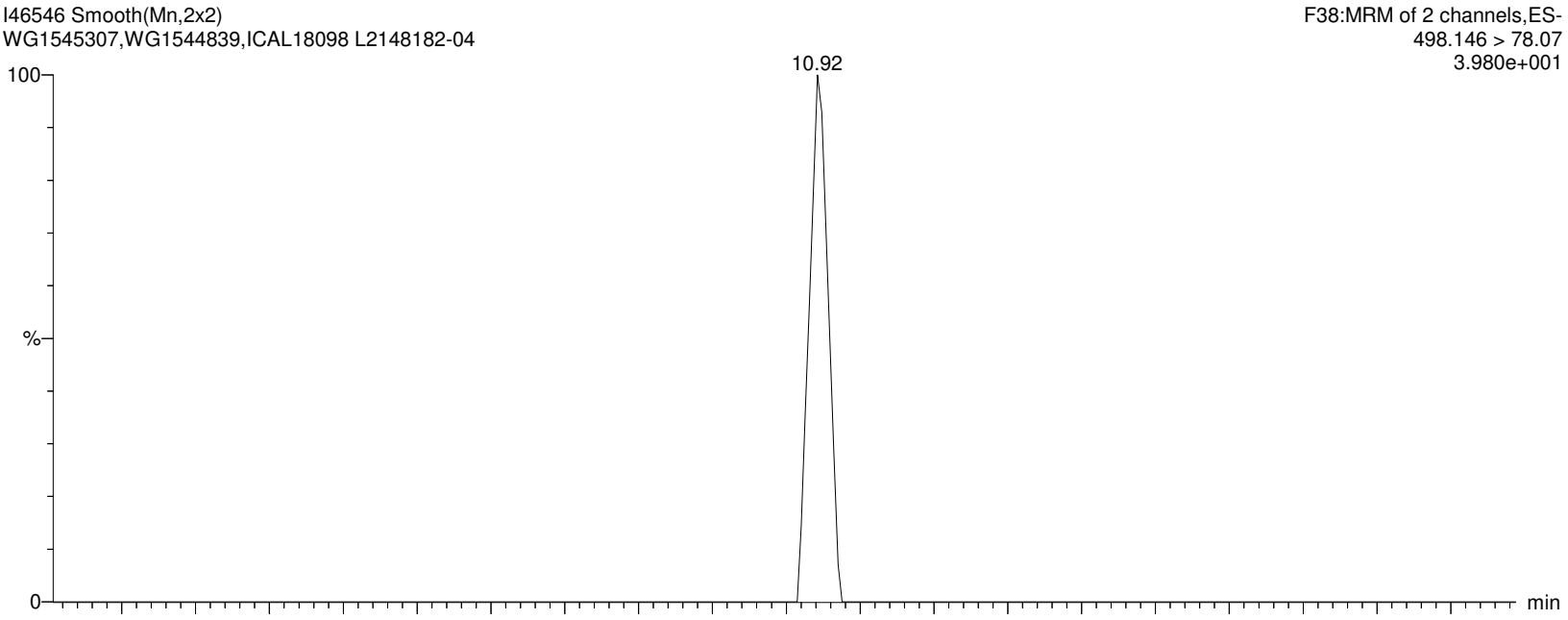


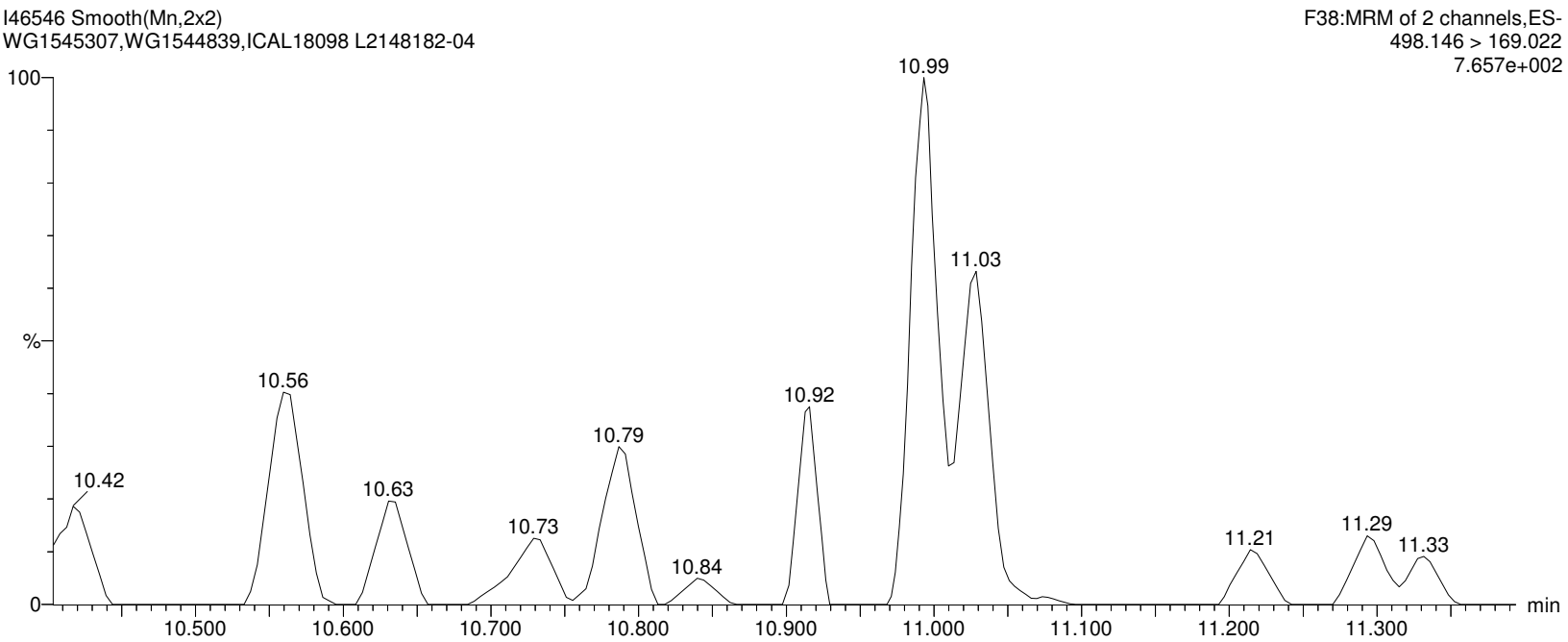
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:05 Eastern Daylight Time

Name: I46546
ID: L2148182-04
Date: 11-Sep-2021
Time: 18:38:14
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

FOSA



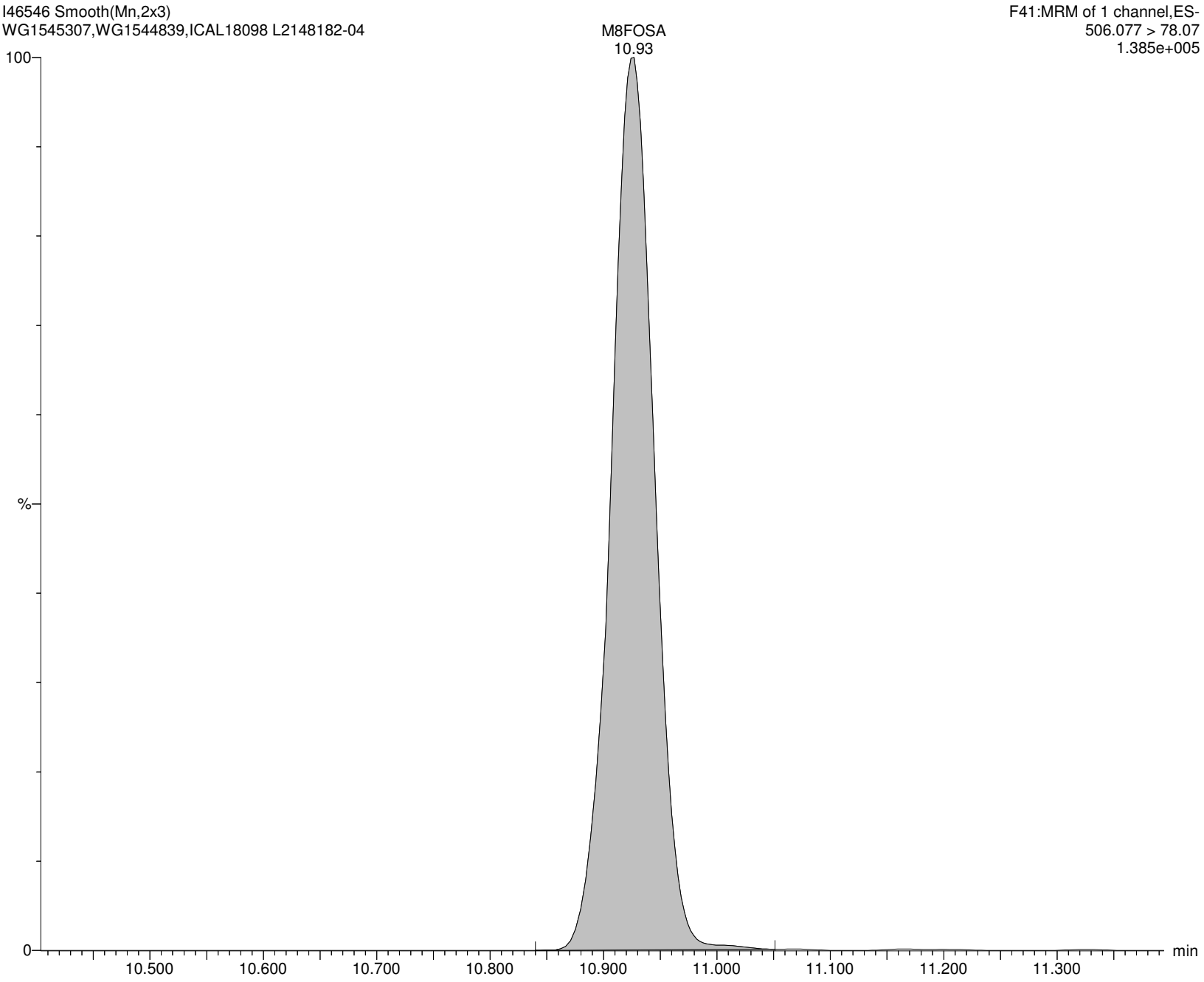


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:05 Eastern Daylight Time

Name: I46546
ID: L2148182-04
Date: 11-Sep-2021
Time: 18:38:14
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8FOSA

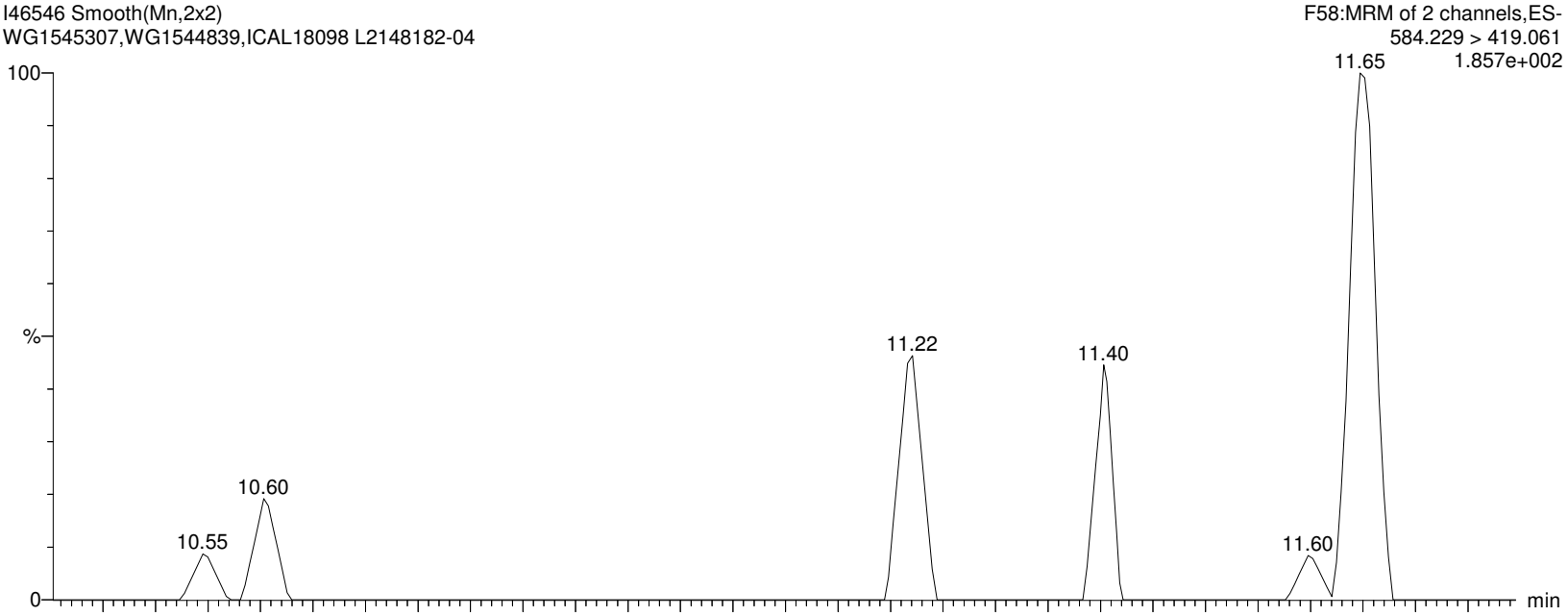


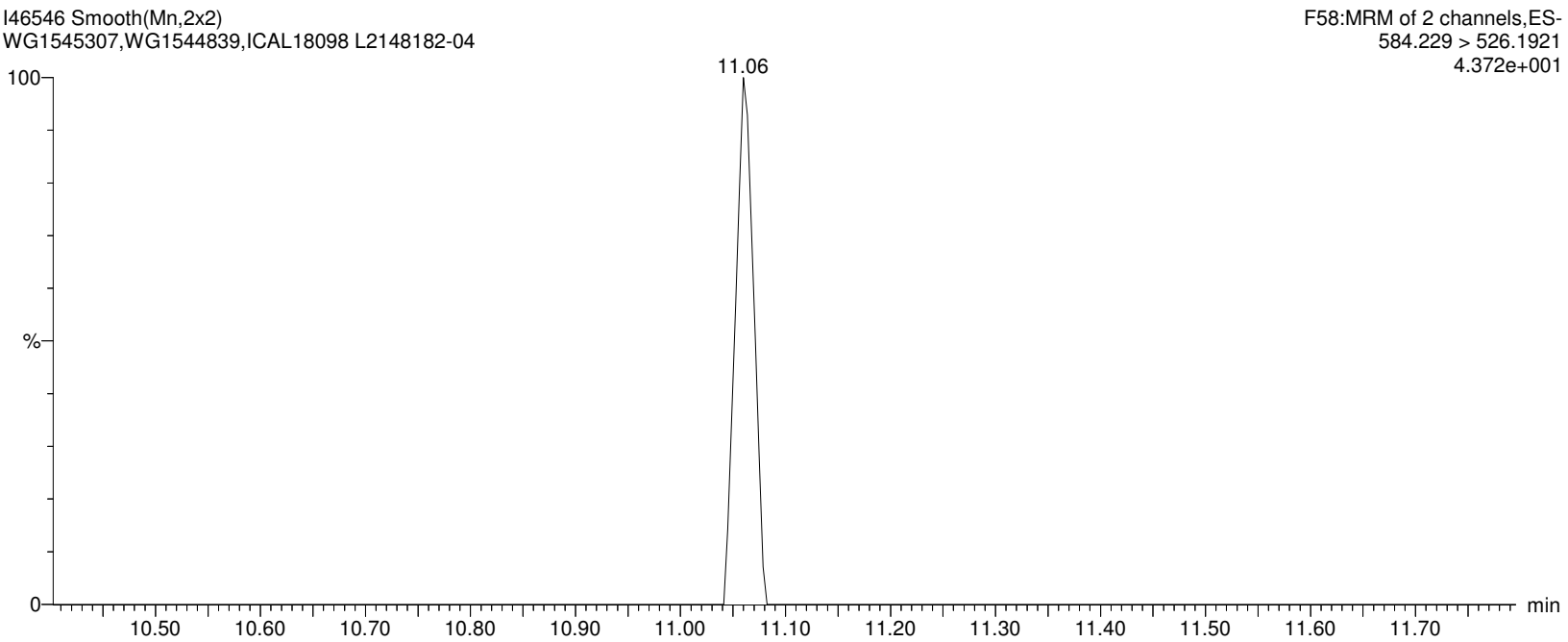
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:05 Eastern Daylight Time

Name: I46546
ID: L2148182-04
Date: 11-Sep-2021
Time: 18:38:14
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NEtFOSAA



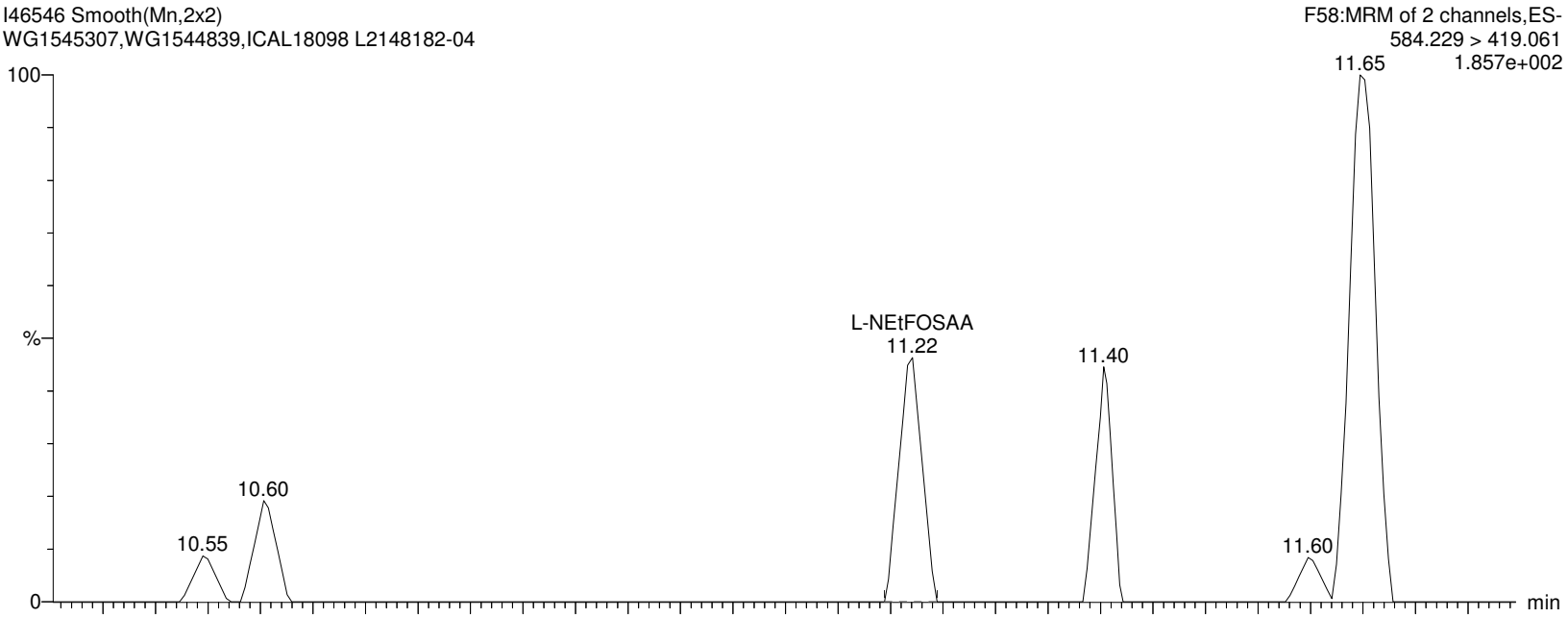


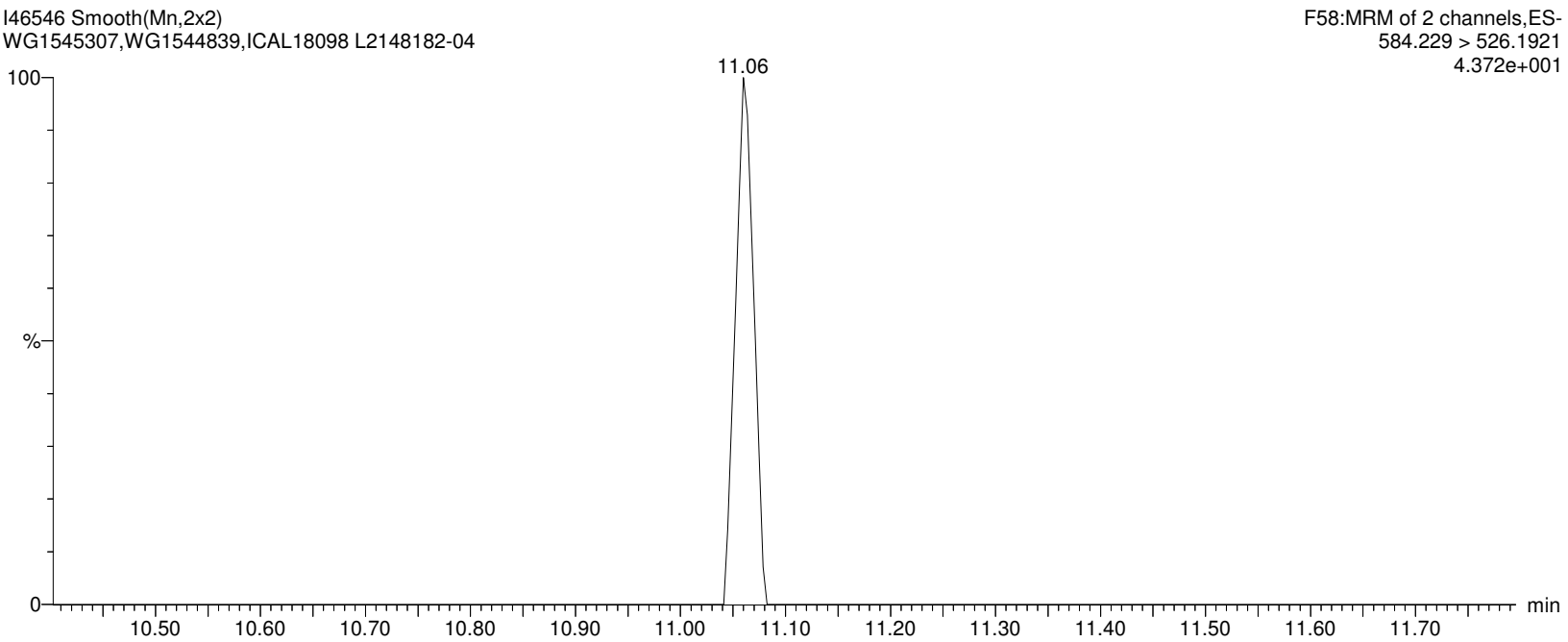
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:05 Eastern Daylight Time

Name: I46546
ID: L2148182-04
Date: 11-Sep-2021
Time: 18:38:14
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NEtFOSAA



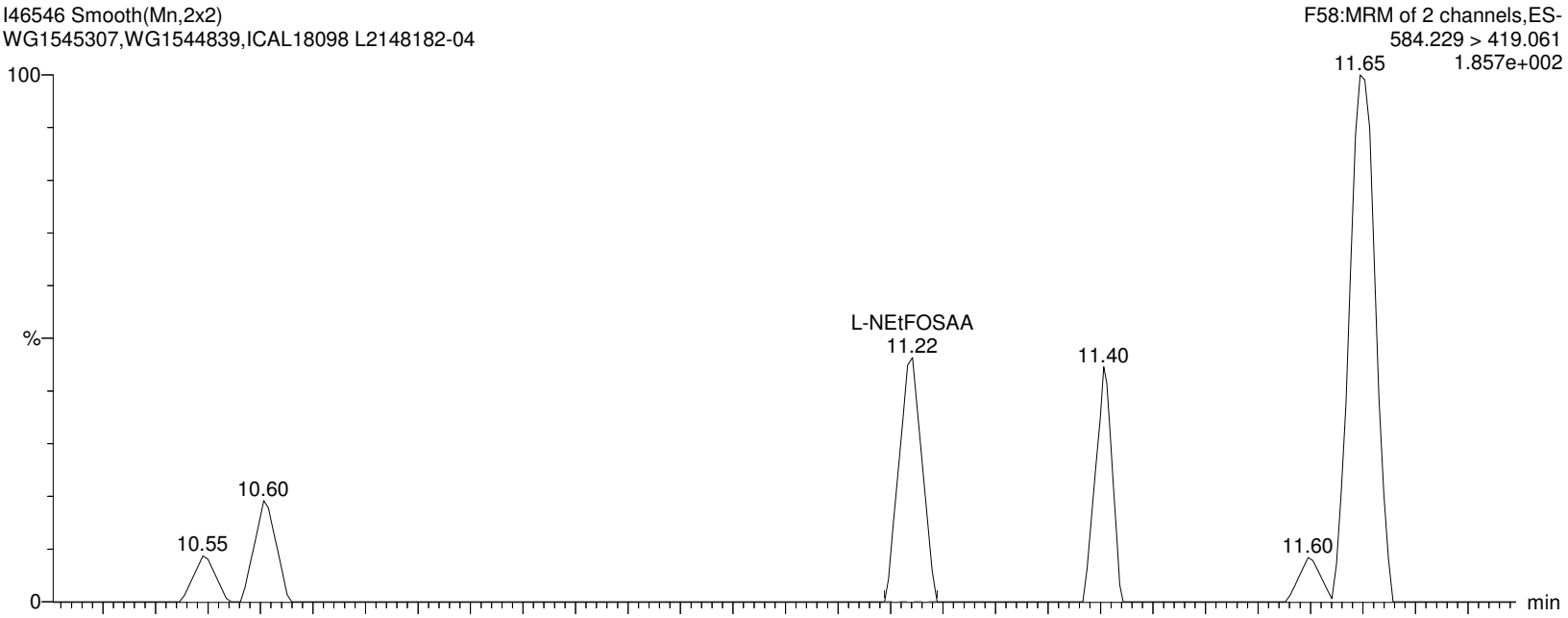


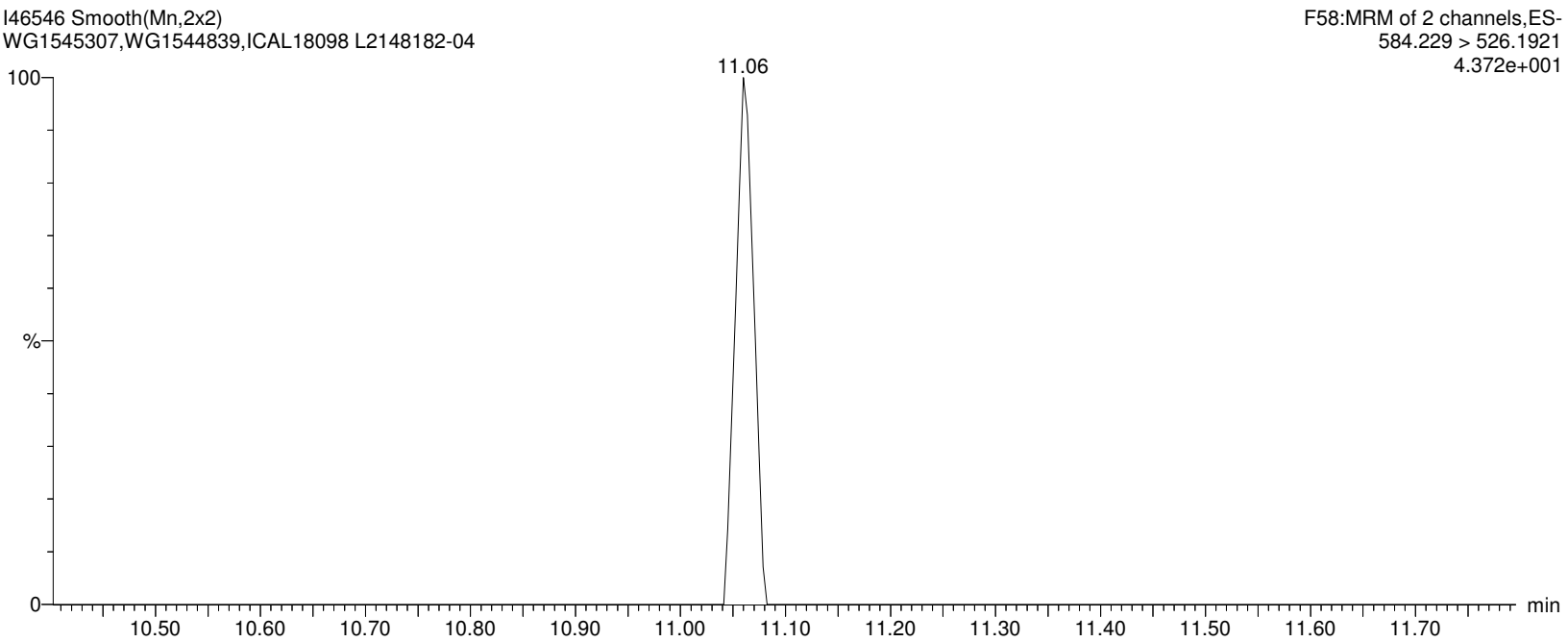
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:05 Eastern Daylight Time

Name: I46546
ID: L2148182-04
Date: 11-Sep-2021
Time: 18:38:14
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSAA



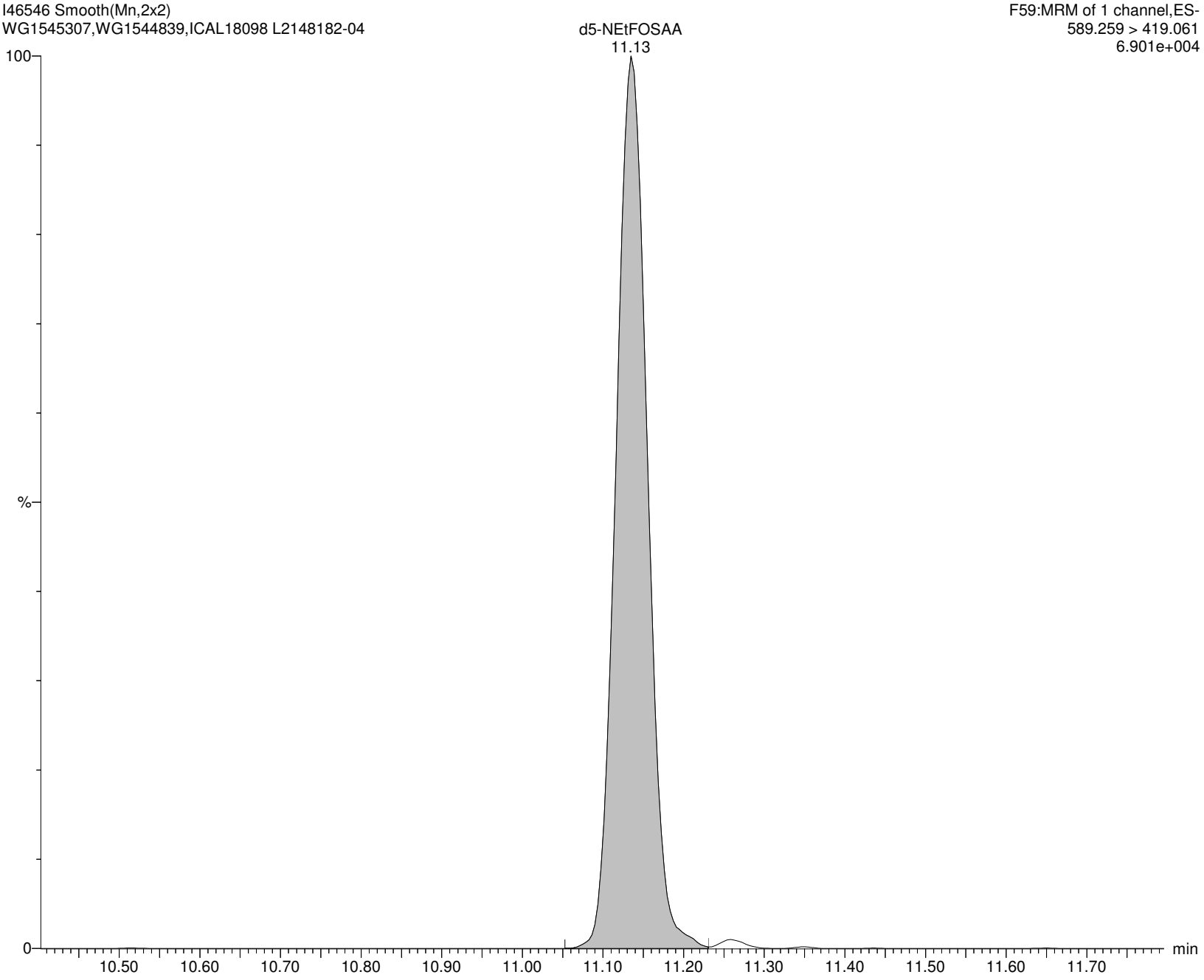


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:05 Eastern Daylight Time

Name: I46546
ID: L2148182-04
Date: 11-Sep-2021
Time: 18:38:14
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSAA

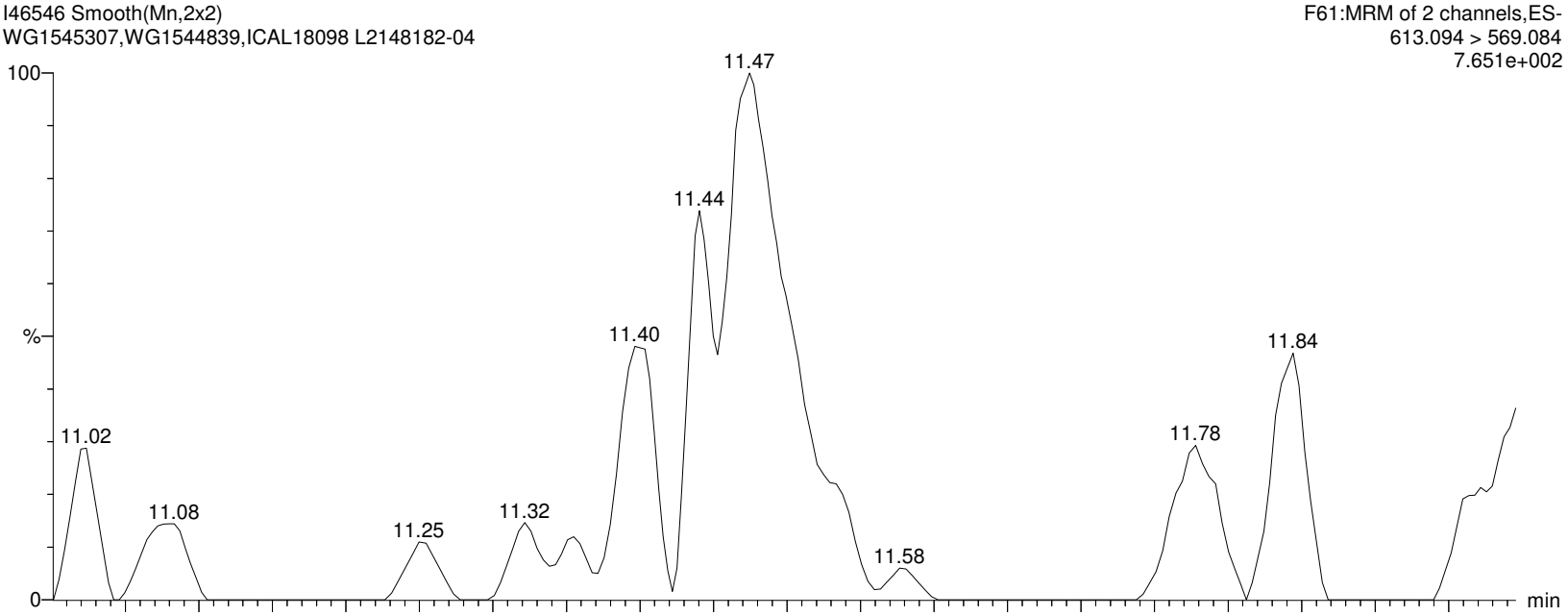


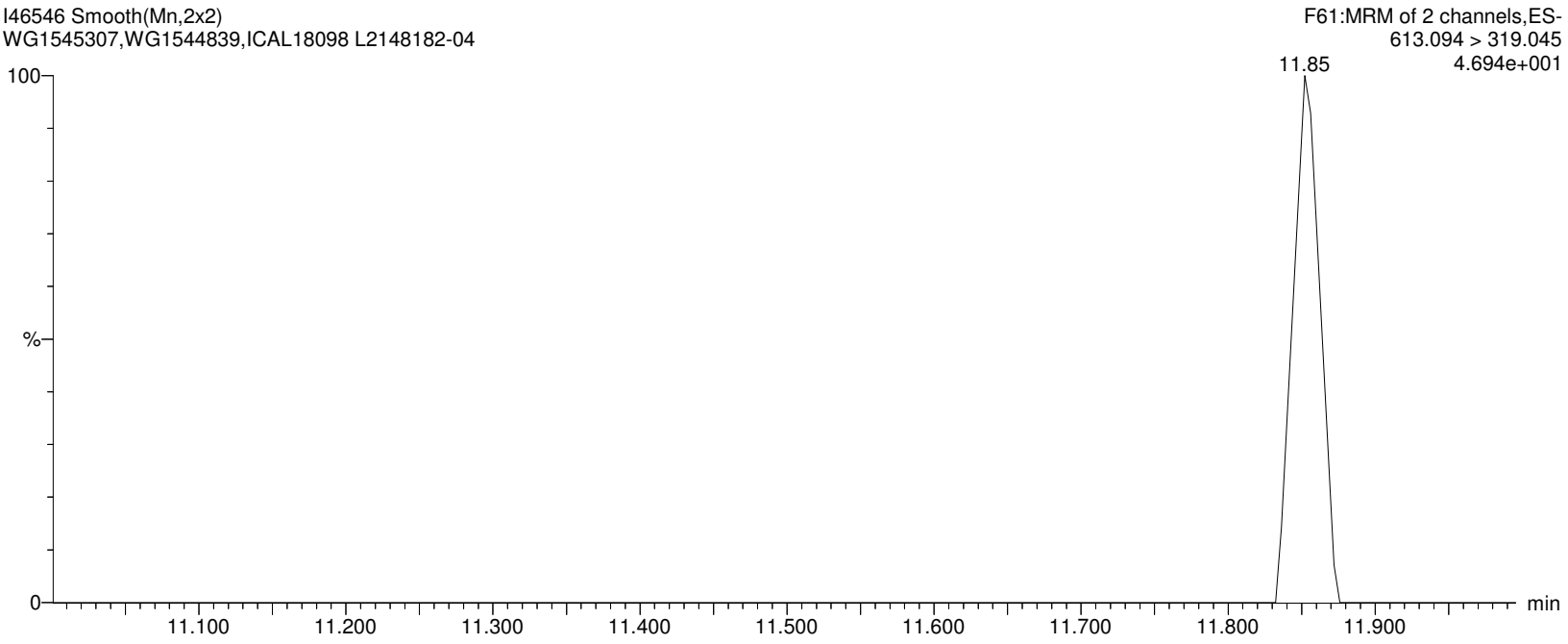
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:05 Eastern Daylight Time

Name: I46546
ID: L2148182-04
Date: 11-Sep-2021
Time: 18:38:14
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoA



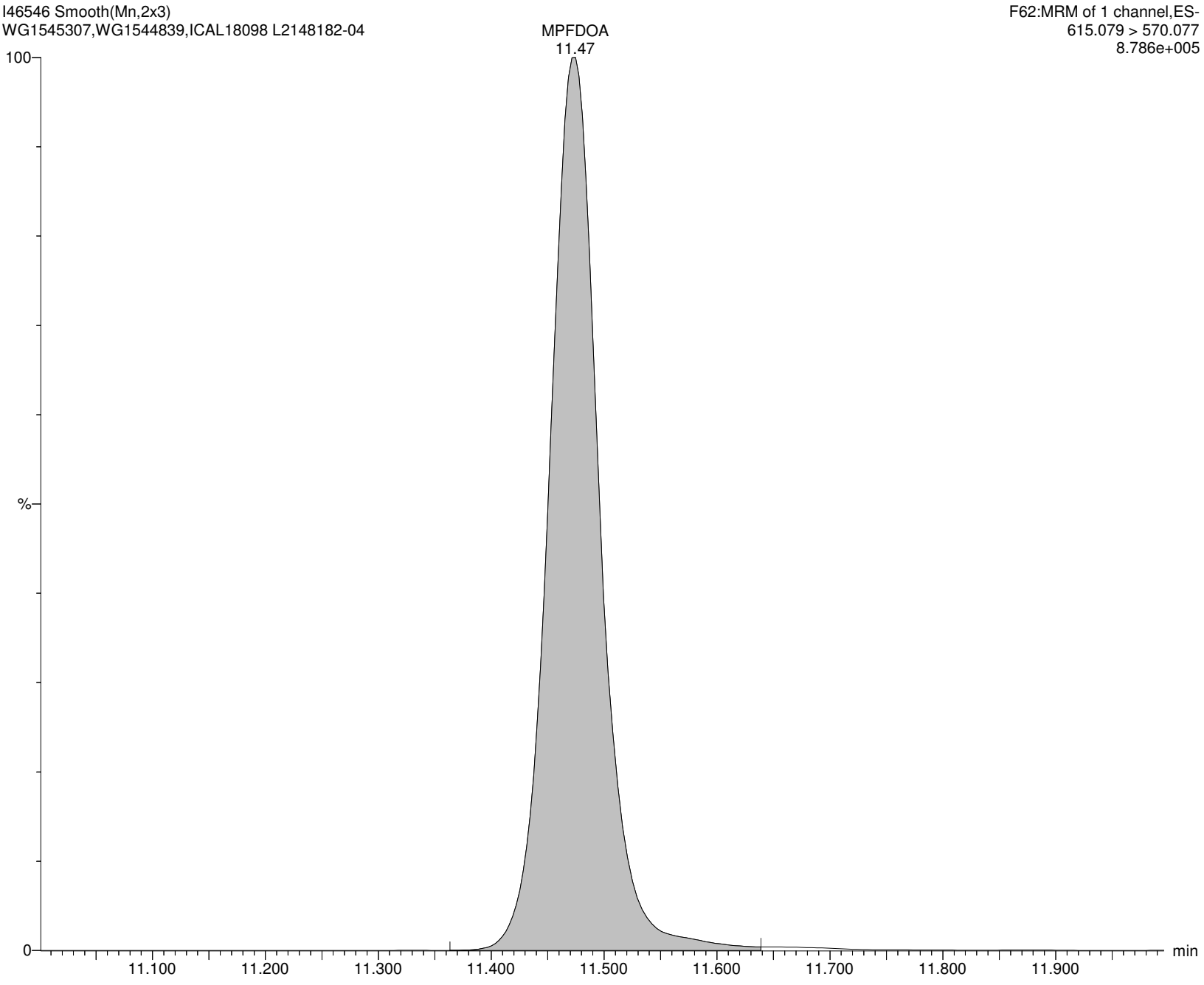


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:05 Eastern Daylight Time

Name: I46546
ID: L2148182-04
Date: 11-Sep-2021
Time: 18:38:14
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFDOA

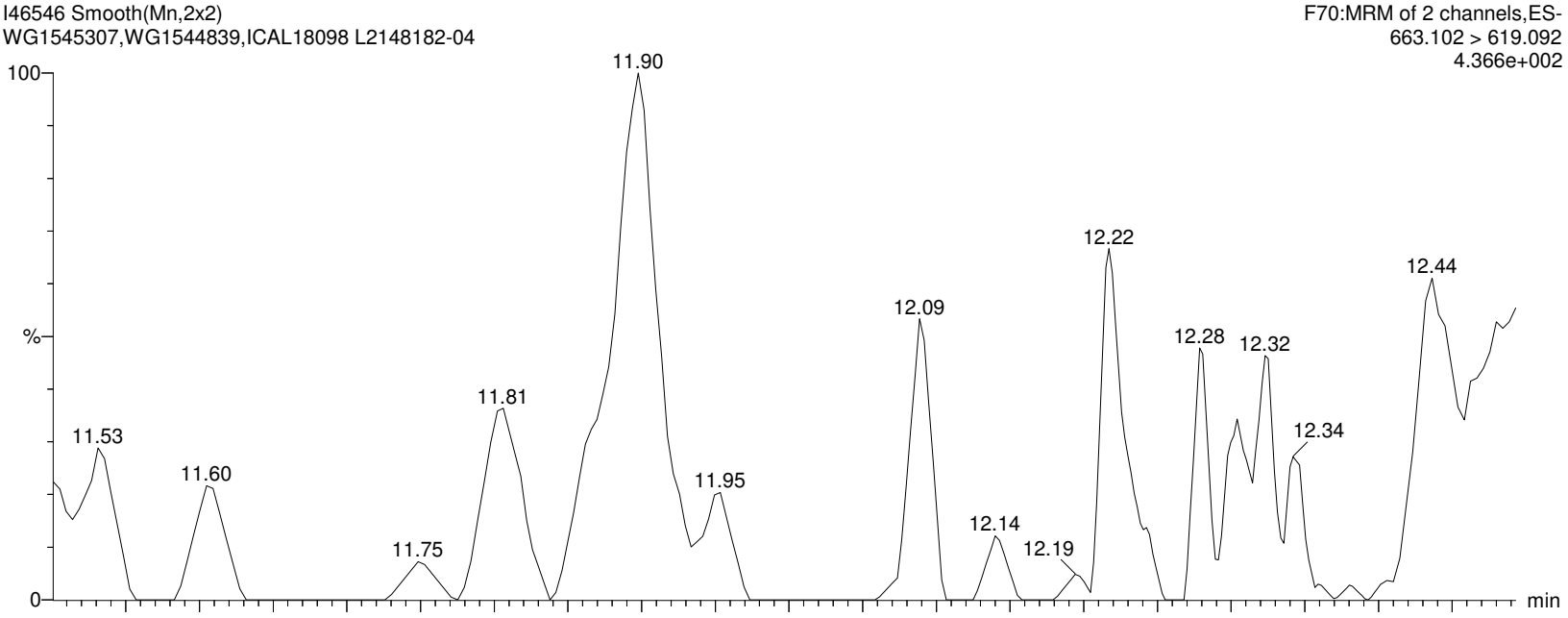


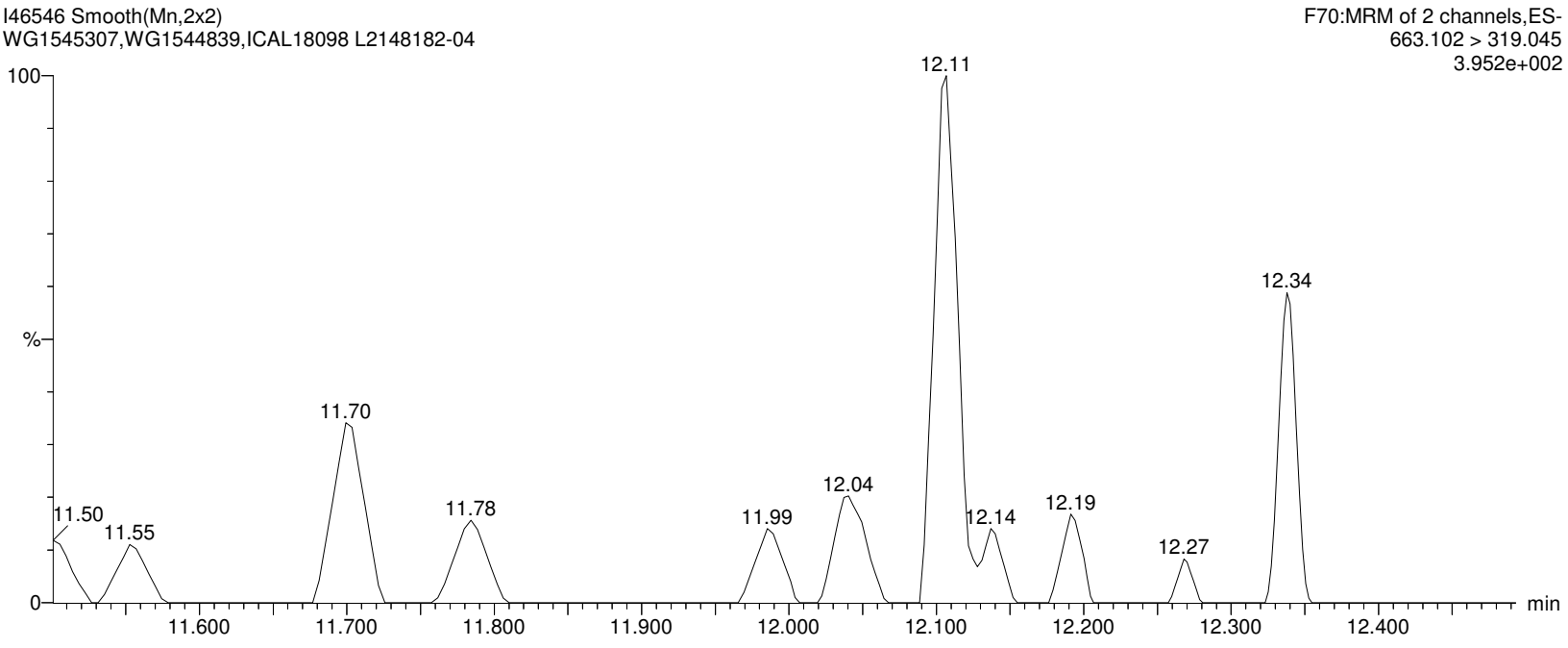
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:05 Eastern Daylight Time

Name: I46546
ID: L2148182-04
Date: 11-Sep-2021
Time: 18:38:14
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTrDA



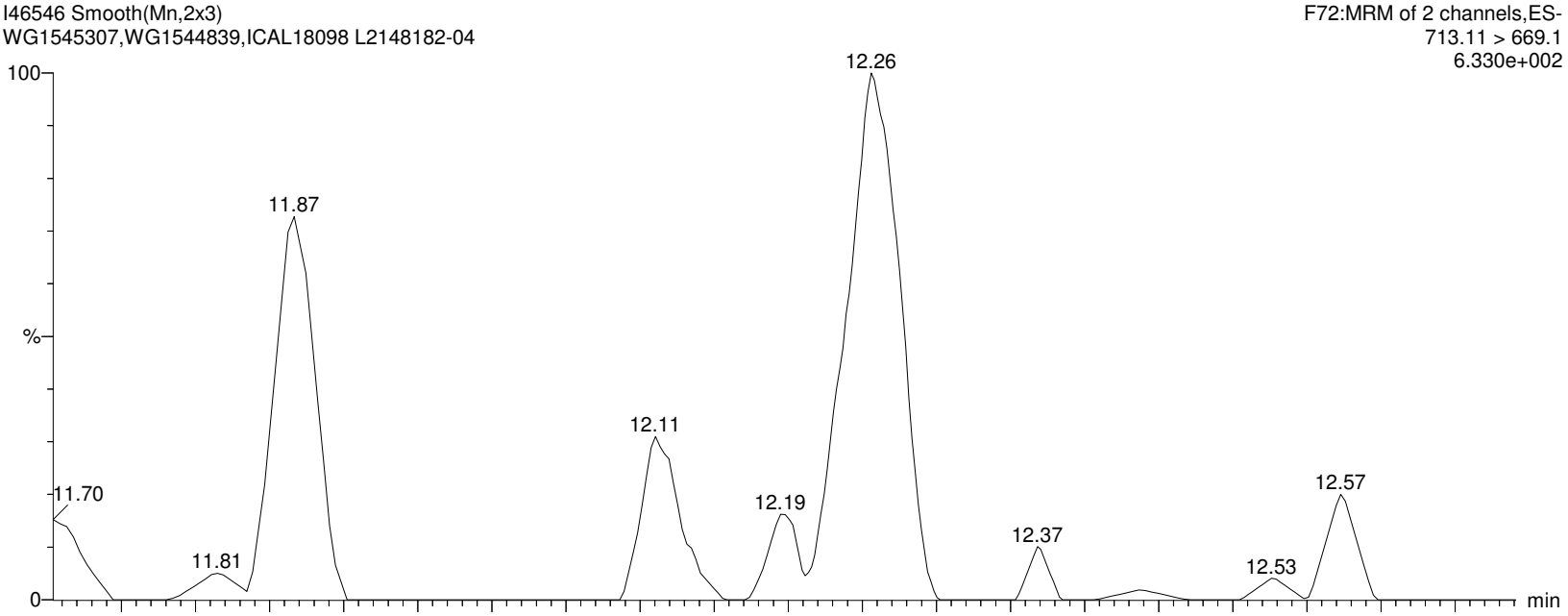


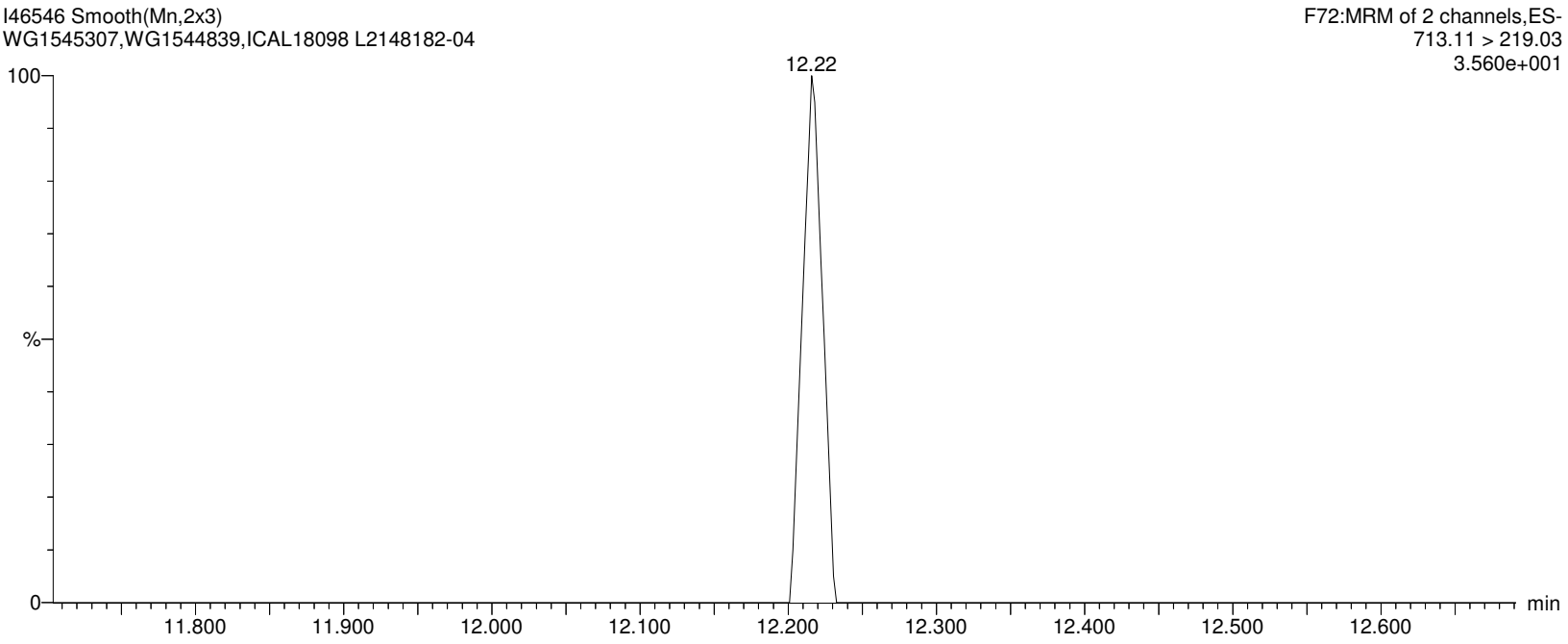
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:05 Eastern Daylight Time

Name: I46546
ID: L2148182-04
Date: 11-Sep-2021
Time: 18:38:14
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTA



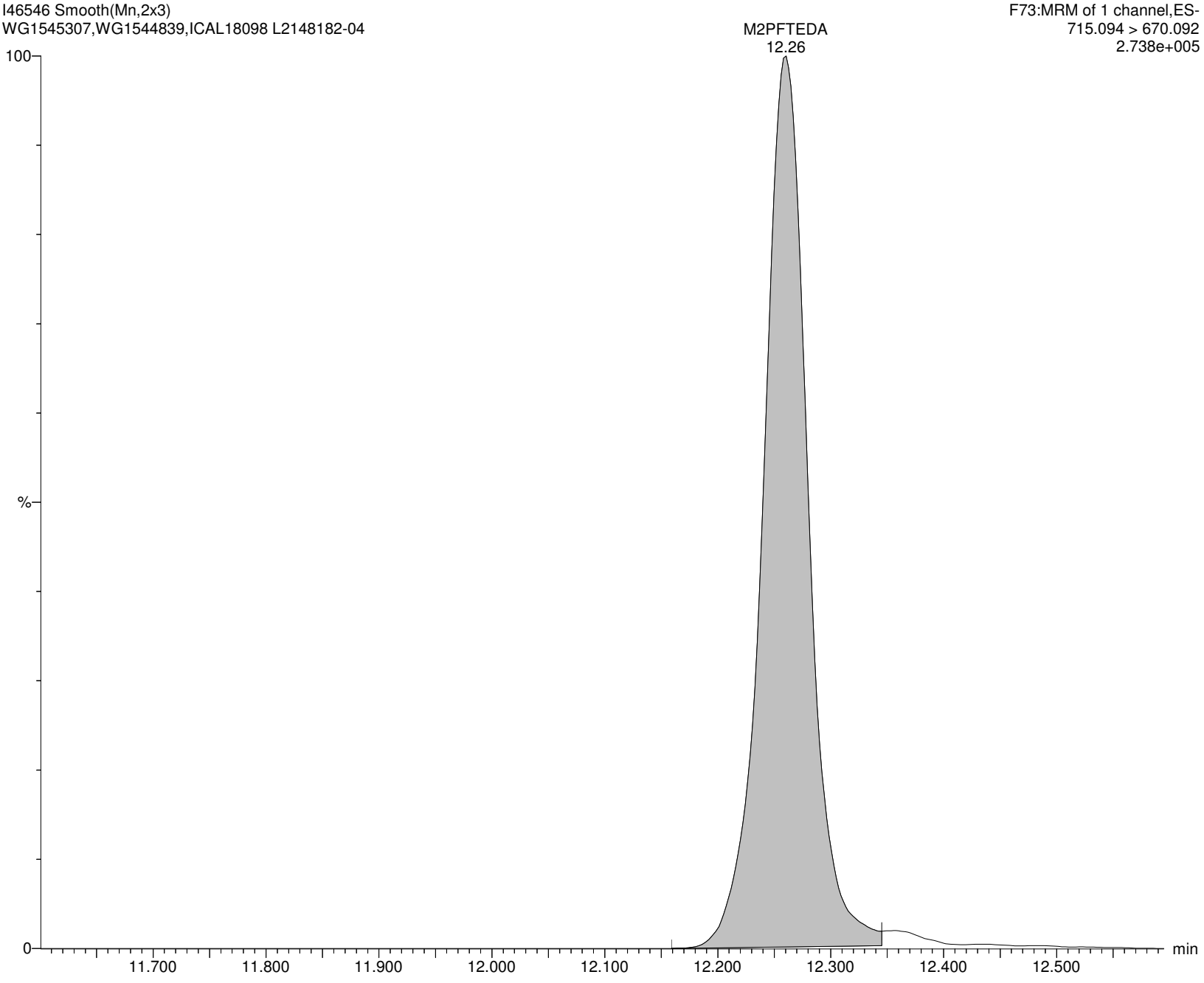


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:05 Eastern Daylight Time

Name: I46546
ID: L2148182-04
Date: 11-Sep-2021
Time: 18:38:14
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFTEDA



all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:07 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210911_537.PRO\MethDB\537ISO_Q_210625_TOP_RT2.mdb 03 Sep 2021 08:44:20
Calibration: C:\MassLynx\Data\2021\210911_537.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

ID: L2148182-05
Name: I46547
Date: 11-Sep-2021
Time: 18:54:48
Description: WG1545307,WG1544839,ICAL18098
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:SG
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.08	213.032 > 169.022	9478		2.420		na	
2	M3PFBA	INT STD	2.08	216.009 > 171.999	48524		9.243		na	92.4
3	MPFBA	INT STD	2.08	217.001 > 171.999	44001		8.433		na	84.3
4	PFPeA	2706-90-3	4.95	263.039 > 219.03	7301		1.737		na	
5	M5PFPEA	INT STD	4.95	268.001 > 222.999	44666		7.801		na	78.0
6	PFBS	375-73-5	5.60	299.092 > 80.062	710		0.701	1.54	NO	
7	M3PFBS	INT STD	5.60	302.069 > 80.062	9326		7.199		na	72.0
8	4:2FTS	757124-72-4		327.146 > 307.139			ND		YES	
9	M2-4:2FTS	INT STD	6.77	329.13 > 309.124	7661		14.758		na	147.6
10	PFHxA	307-24-4	6.84	313.047 > 269.037	11566		2.160	17.34	NO	
11	M5PFHxA	INT STD	6.84	318.009 > 273.007	50476		7.657		na	76.6
12	PFPeS	2706-91-4	7.16	349.1 > 80.062	543	M4,M7	0.545	1.63	NO	
13	PFHpA	375-85-9	8.12	363.055 > 319.045	12051		1.531	5.61	NO	
14	M4PFHpA	INT STD	8.12	367.025 > 322.022	77775		7.913		na	79.1
15	br-PFHxS	355-46-4	8.05	399.107 > 80.062	381	M5,M7	0.400	1.60	NO	
16	L-PFHxS	355-46-4	8.28	399.107 > 80.062	1610	M4,M7	1.297	1.61	NO	
17	PFHxS	355-46-4		399.107 > 80.062	1991		1.697		na	
18	M3PFHxS	INT STD	8.28	402.084 > 80.062	11380		7.747		na	77.5
19	br-PFOA	335-67-1	8.83	413.063 > 369.053	8417	M5,M7	0.955	2.34	NO	
20	L-PFOA	335-67-1	9.06	413.063 > 369.053	52015		5.901	8.61	NO	
21	PFOA	335-67-1		413.063 > 369.053	60432		6.856		na	
22	M8PFOA	INT STD	9.05	421.002 > 376.	91469		8.357		na	83.6
23	M2PFOA	INT STD	9.06	415.048 > 370.045	107811		10.179		na	101.8
24	6:2FTS	27619-97-2	9.01	427.161 > 407.155	2895		3.887	3.94	NO	
25	M2-6:2FTS	INT STD	9.01	429.146 > 409.14	7600		14.261		na	142.6
26	PFHpS	375-92-8	9.15	449.115 > 80.062	224		0.287	1.04	NO	
27	PFNA	375-95-1	9.81	463.071 > 419.061	3844		0.563	3.87	NO	
28	M9PFNA	INT STD	9.81	472.002 > 427.	27335		8.694		na	86.9
29	br-PFOS	1763-23-1	9.61	499.123 > 80.062	7797	M5,M7	6.192	5.02	NO	
30	L-PFOS	1763-23-1	9.86	499.123 > 80.062	11711		12.093	1.84	NO	
31	PFOS	1763-23-1		499.123 > 80.062	19508		18.284		na	
32	M4PFOS	INT STD	9.86	503.093 > 80.062	11741		10.373		na	103.7
33	M8PFOS	INT STD	9.86	507.062 > 80.062	10873		8.264		na	82.6
34	PFDA	335-76-2	10.44	513.078 > 469.069	2087		0.334	6.68	NO	
35	M2PFDA	INT STD	10.44	515.053 > 469.934	65526		10.742		na	107.4
36	M6PFDA	INT STD	10.44	519.033 > 474.03	62813		8.445		na	84.5
37	8:2FTS	39108-34-4		527.177 > 507.171			ND		YES	
38	M2-8:2FTS	INT STD	10.43	529.162 > 509.155	3799		9.697		na	97.0
39	PFNS	68259-12-1		549.131 > 80.062			ND		YES	

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:07 Eastern Daylight Time

ID: L2148182-05
Name: I46547
Date: 11-Sep-2021
Time: 18:54:48
Description: WG1545307,WG1544839,ICAL18098
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:SG
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.83	573.22 > 419.061	4369		6.233		na	62.3
41	br-NMeFOSAA		10.67	570.202 > 419.061	4		0.025		YES	
42	L-NMeFOSAA		10.84	570.202 > 419.061	42		0.088	15.07	YES	
43	NMeFOSAA	2355-31-9		570.202 > 419.061	46		0.114		na	
44	PFUnA	2058-94-8	10.98	563.086 > 519.076	303	M7	0.052	14.02	NO	
45	M7-PFUDA	INT STD	10.97	570.033 > 525.031	57310		8.262		na	82.6
46	PFDS	335-77-3		599.139 > 80.062			ND		YES	
47	FOSA	754-91-6	10.93	498.146 > 78.07	303	M7	0.300	8.83	YES	
48	M8FOSA	INT STD	10.93	506.077 > 78.07	11799		2.930		na	29.3
49	br-NEtFOSAA		10.91	584.229 > 419.061	33	M5,M7	0.230	1.34	YES	
50	L-NEtFOSAA		11.15	584.229 > 419.061	60	M1	0.139	0.61	NO	
51	NEtFOSAA	2991-50-6		584.229 > 419.061	94		0.369		na	
52	d5-NEtFOSAA	INT STD	11.13	589.259 > 419.061	4384		7.568		na	75.7
53	PFDoA	307-55-1		613.094 > 569.084			ND		YES	
54	MPFDOA	INT STD	11.46	615.079 > 570.077	46655		6.972		na	69.7
55	PFTrDA	72629-94-8		663.102 > 619.092			ND		YES	
56	PFTA	376-06-7	12.26	713.11 > 669.1	33	M4,M7	0.013	131.87	YES	
57	M2PFTEDA	INT STD	12.26	715.094 > 670.092	12850		6.122		na	61.2

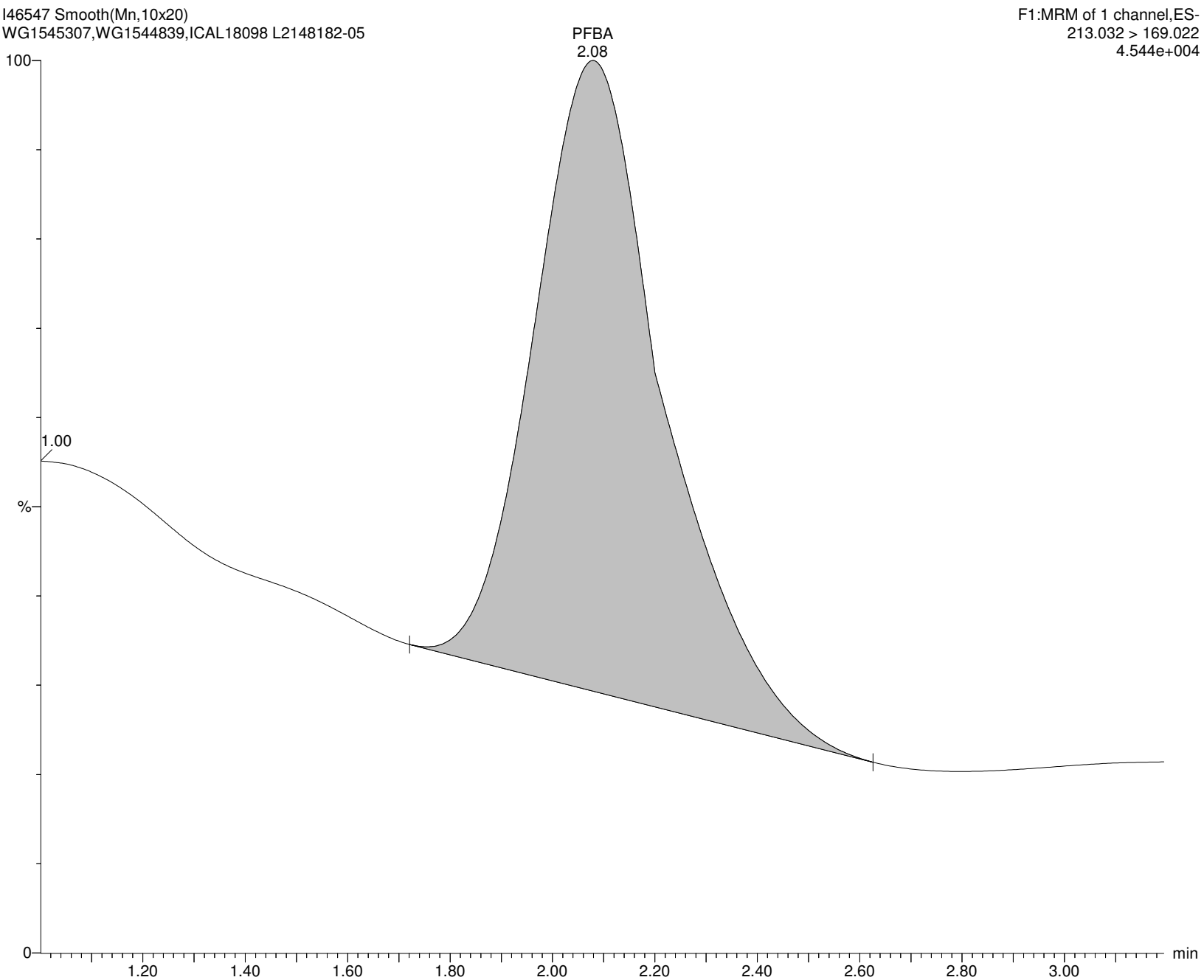
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:07 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210911_537.PRO\MethDB\537ISO_Q_210625_TOP_RT2.mdb 03 Sep 2021 08:44:20
Calibration: C:\MassLynx\Data\2021\210911_537.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

Name: I46547
ID: L2148182-05
Date: 11-Sep-2021
Time: 18:54:48
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBA

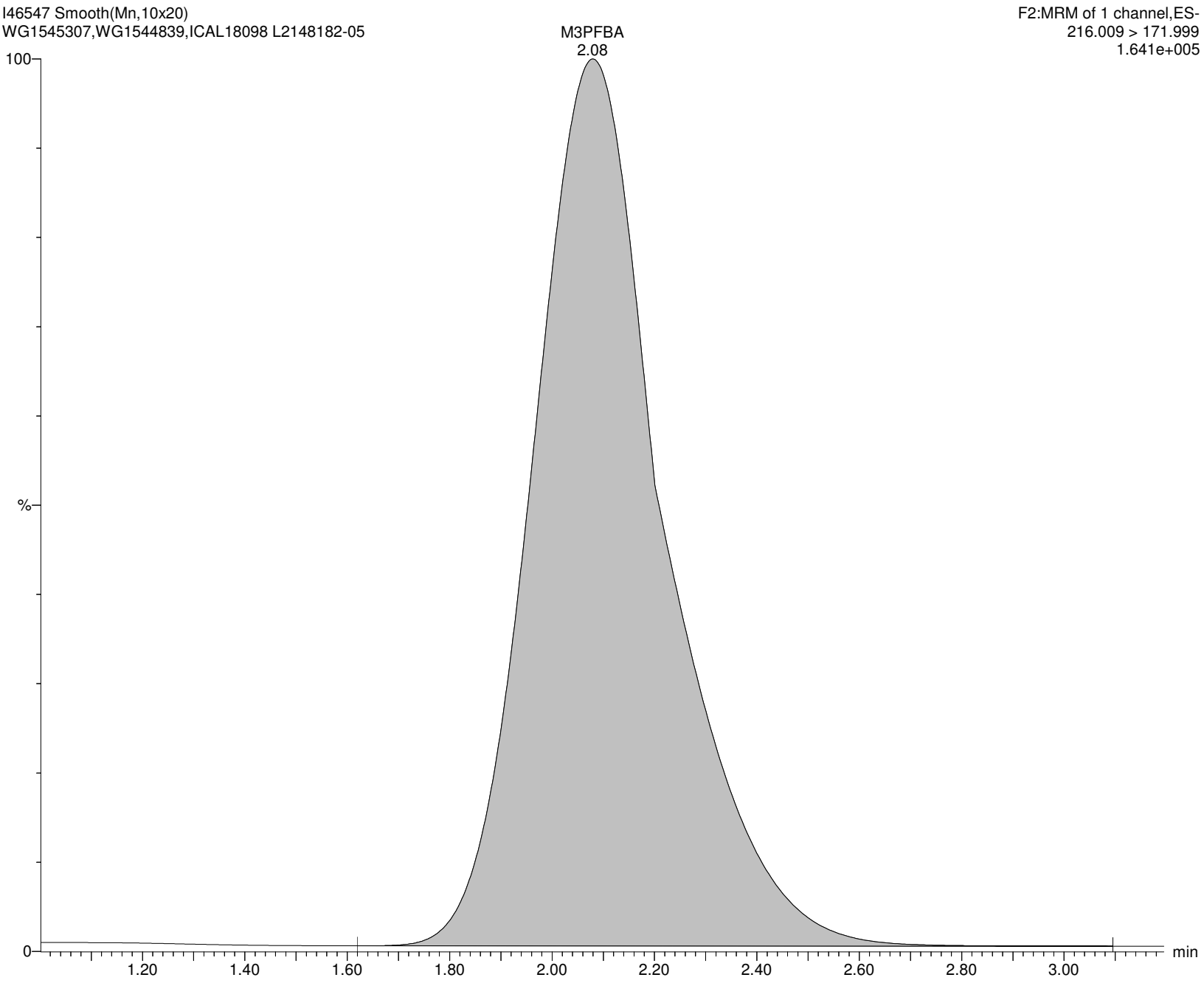


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:07 Eastern Daylight Time

Name: I46547
ID: L2148182-05
Date: 11-Sep-2021
Time: 18:54:48
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBA

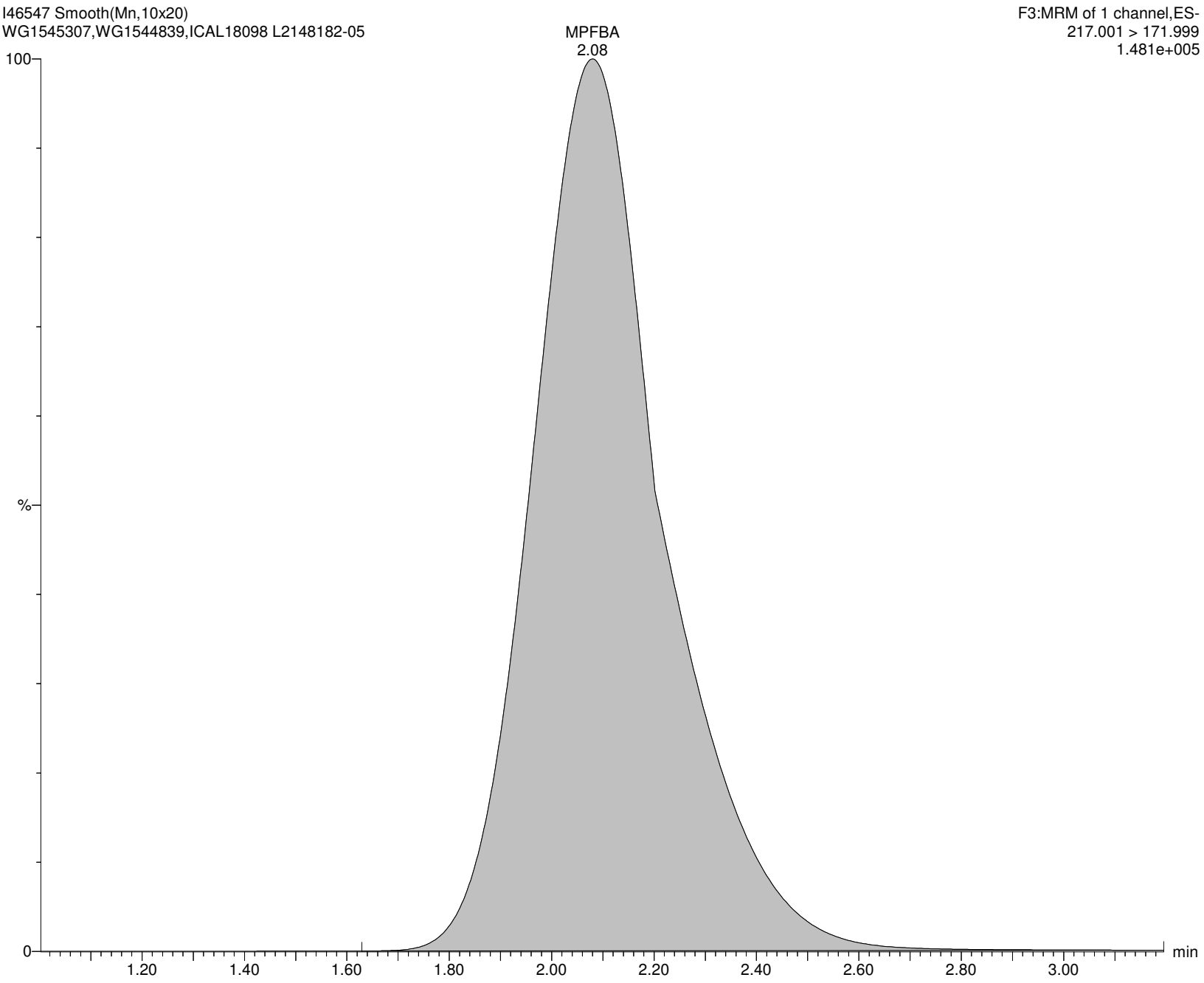


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:07 Eastern Daylight Time

Name: I46547
ID: L2148182-05
Date: 11-Sep-2021
Time: 18:54:48
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFBA

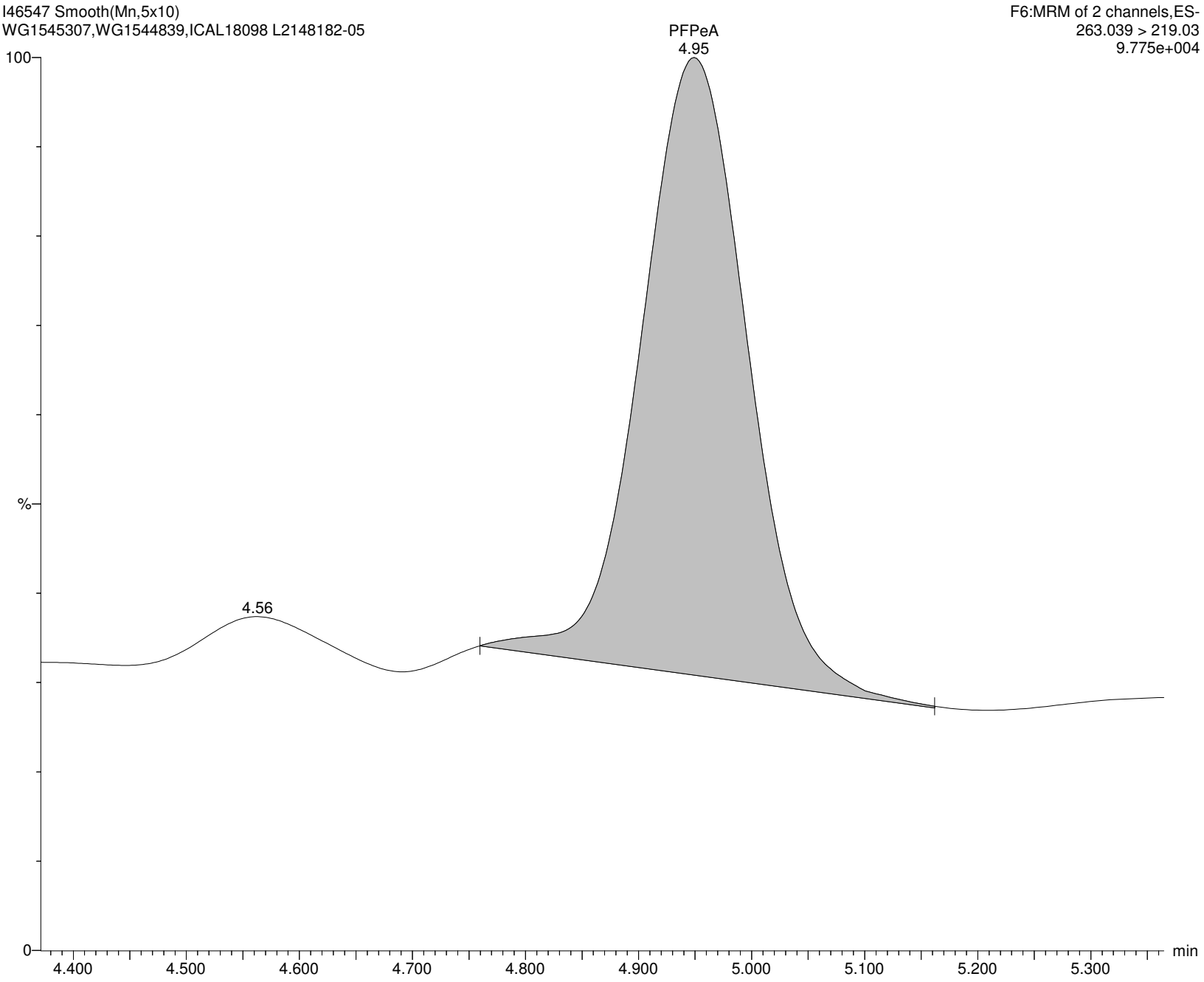


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:07 Eastern Daylight Time

Name: I46547
ID: L2148182-05
Date: 11-Sep-2021
Time: 18:54:48
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeA

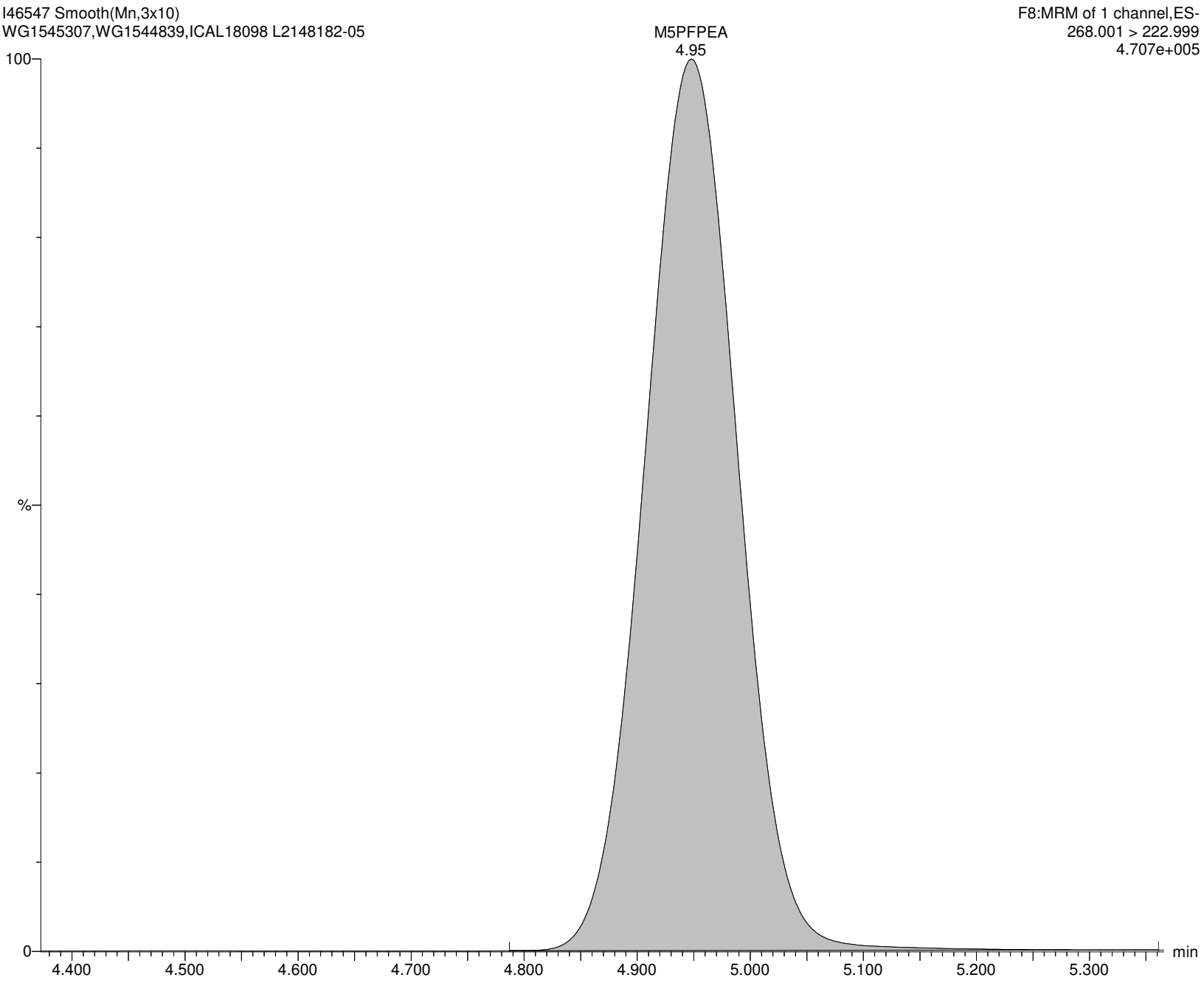


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:07 Eastern Daylight Time

Name: I46547
ID: L2148182-05
Date: 11-Sep-2021
Time: 18:54:48
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFPEA

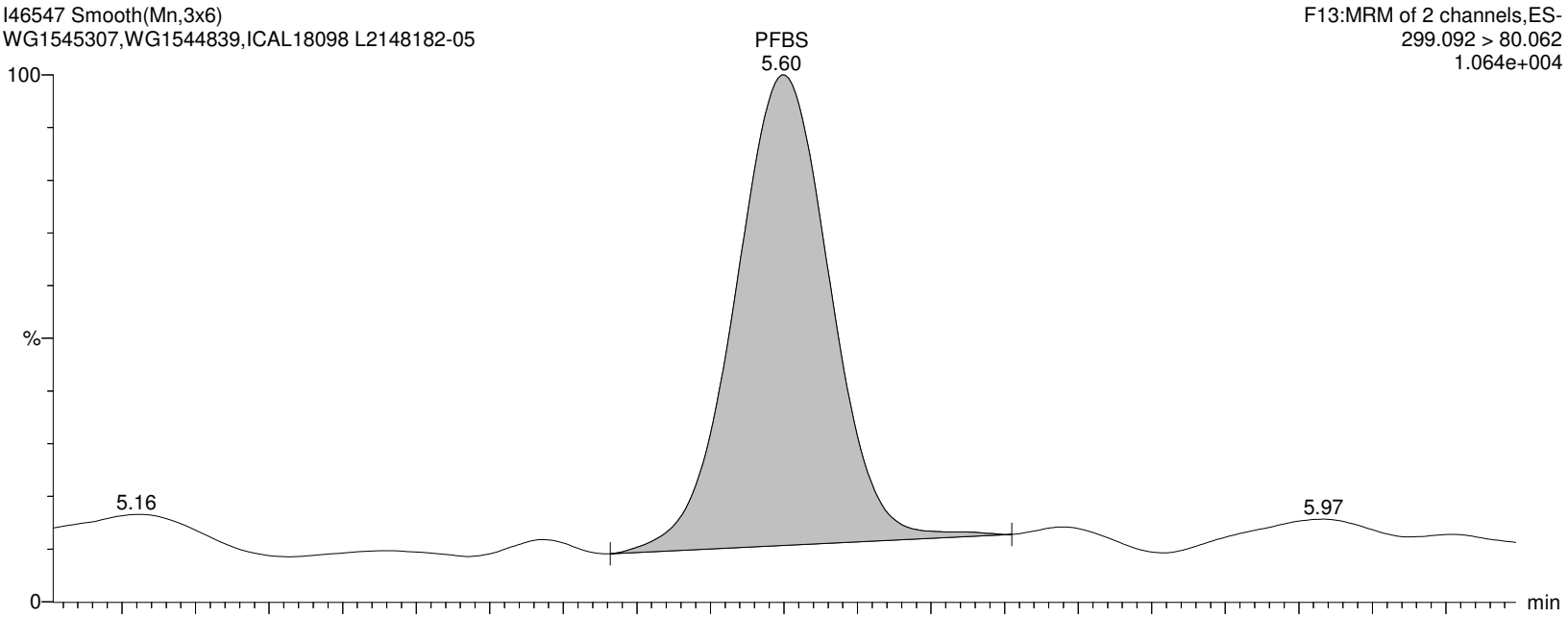


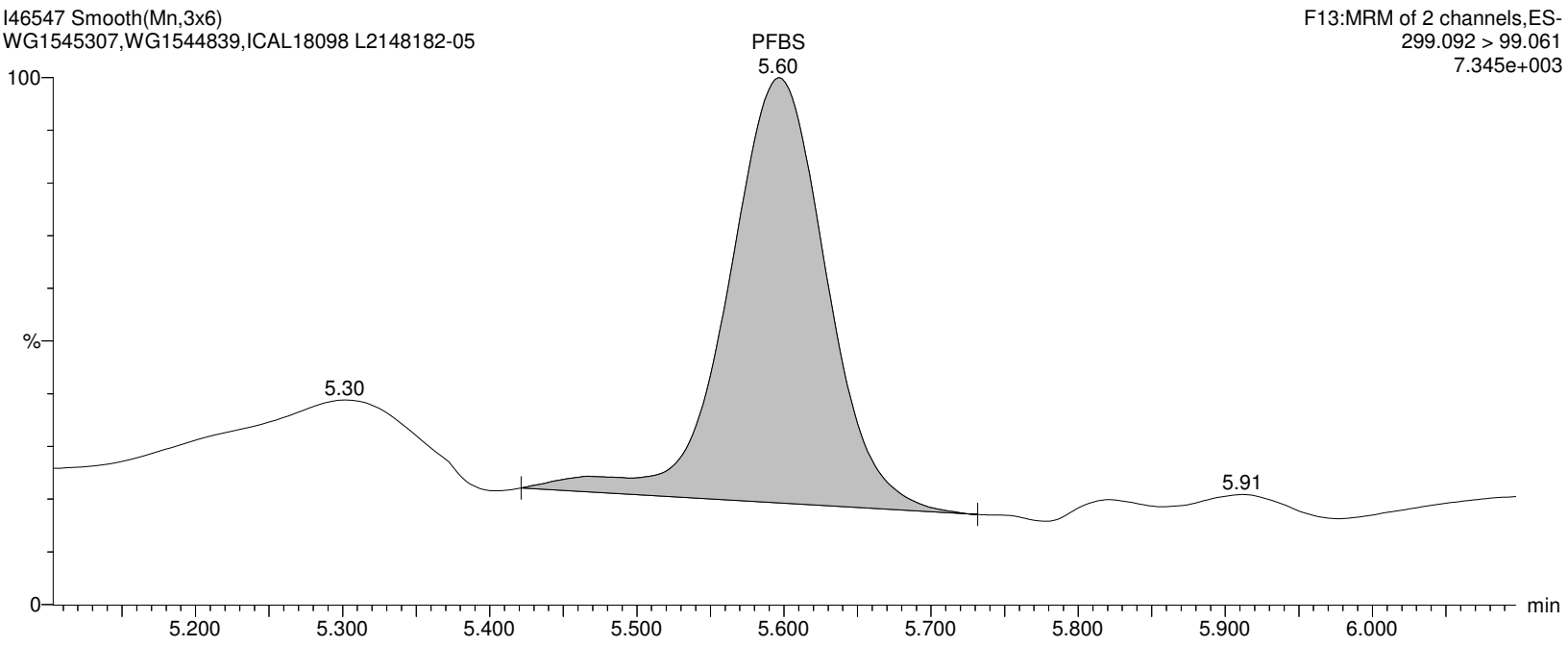
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:07 Eastern Daylight Time

Name: I46547
ID: L2148182-05
Date: 11-Sep-2021
Time: 18:54:48
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBS



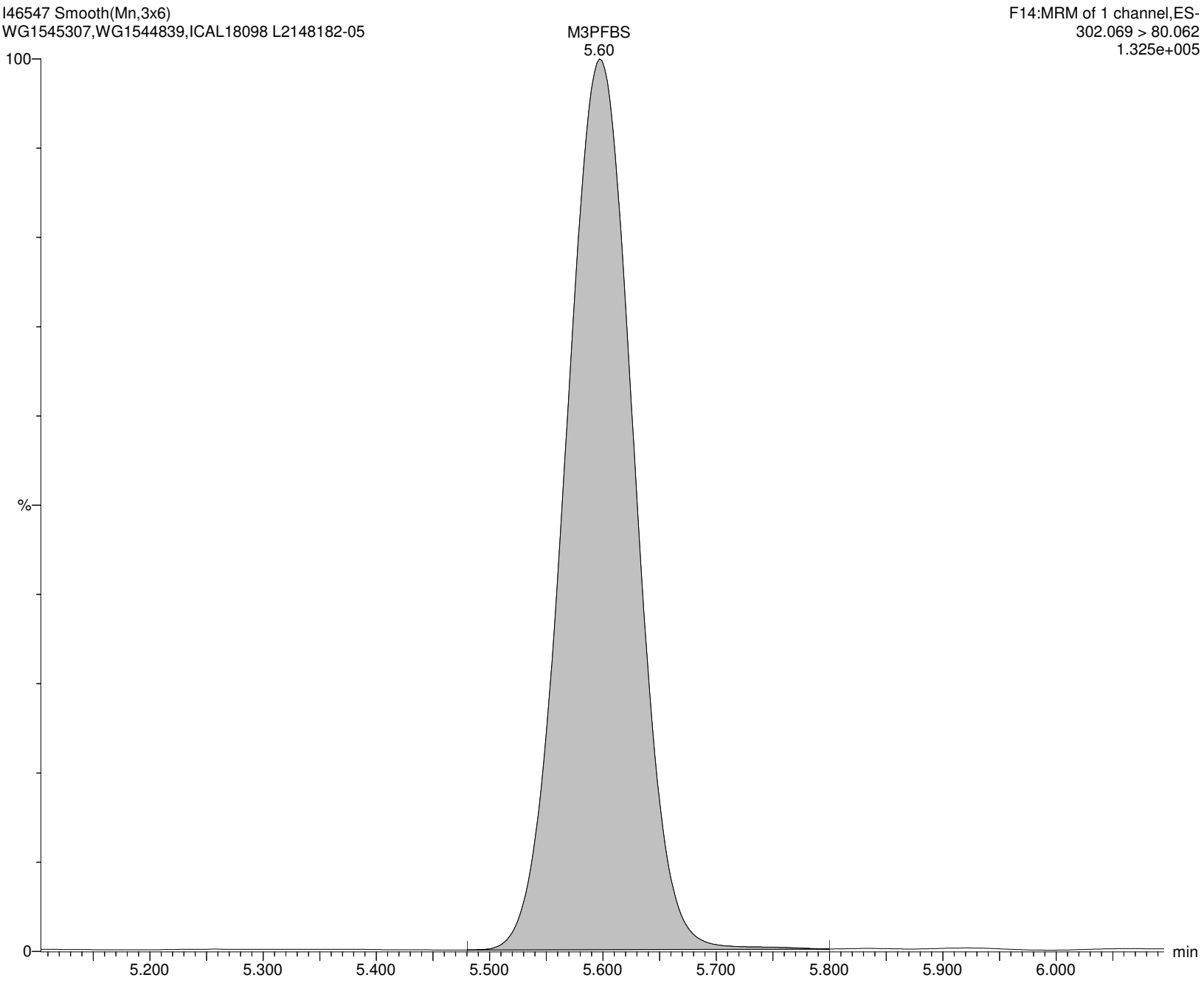


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:07 Eastern Daylight Time

Name: I46547
ID: L2148182-05
Date: 11-Sep-2021
Time: 18:54:48
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBS

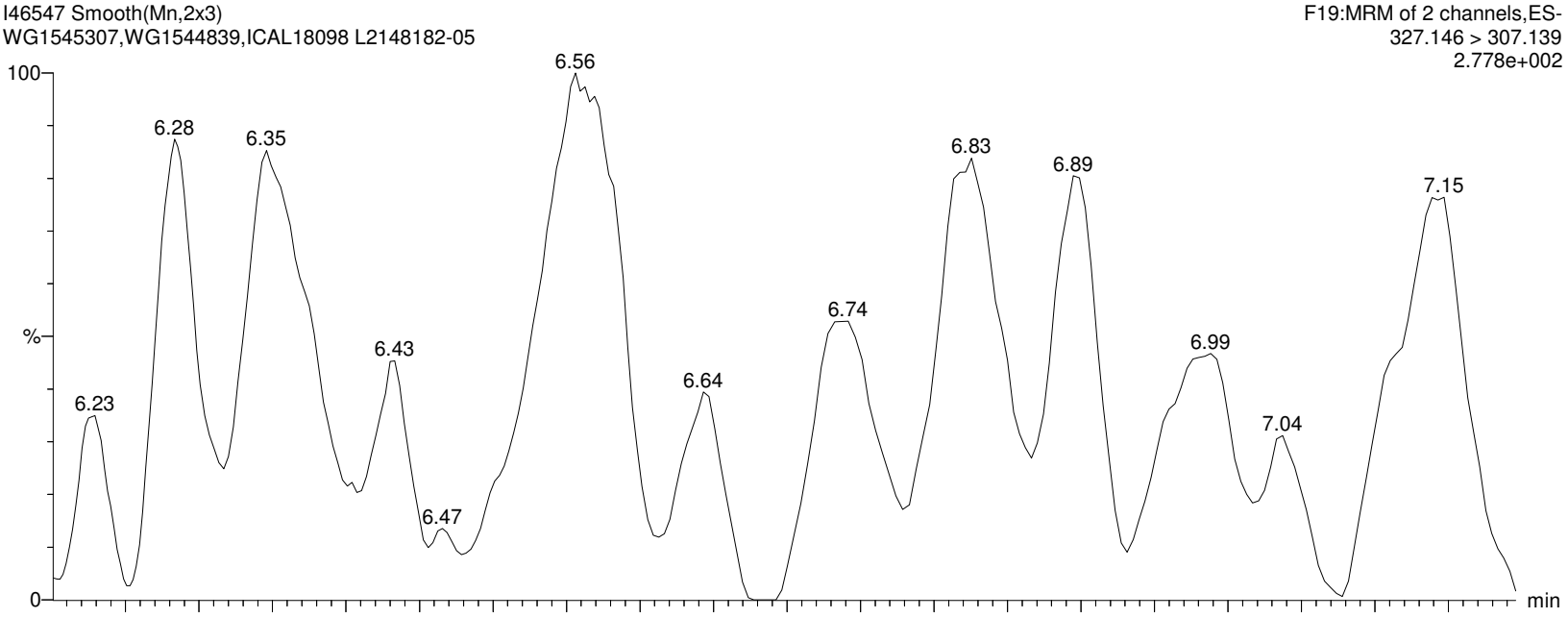


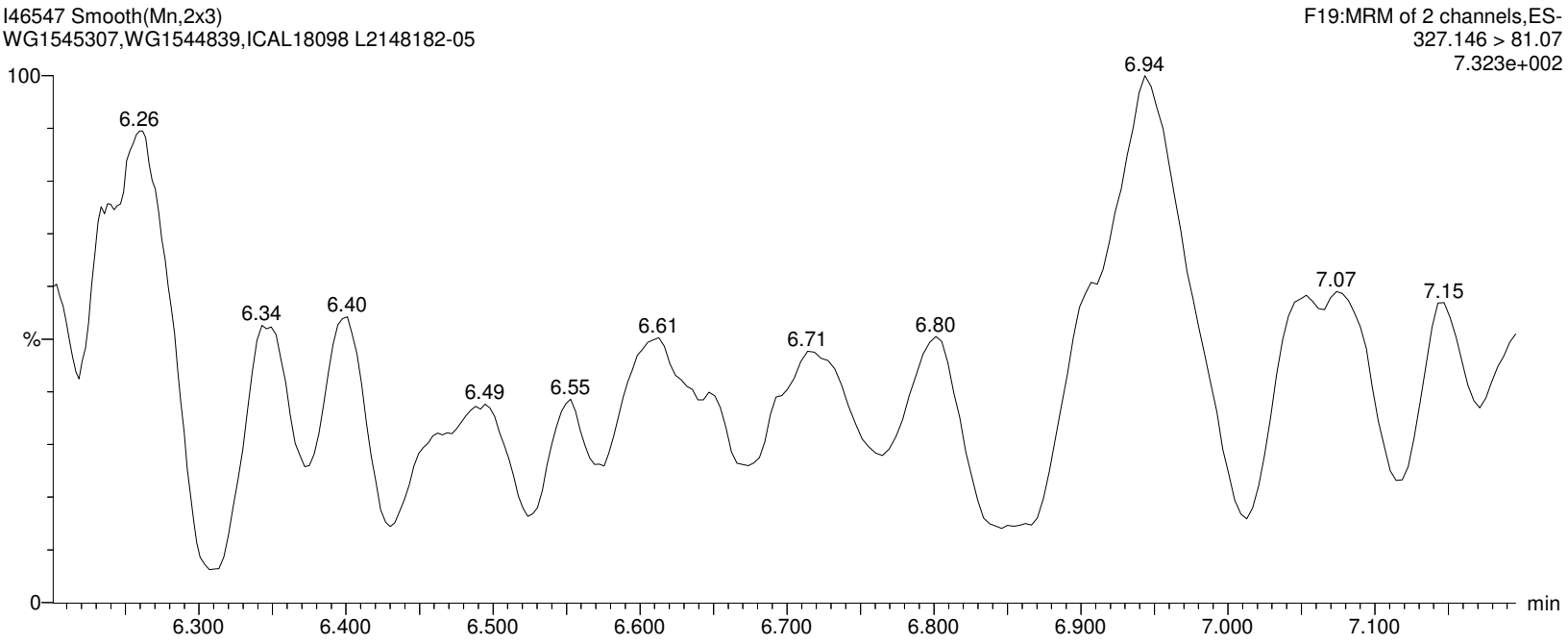
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:07 Eastern Daylight Time

Name: I46547
ID: L2148182-05
Date: 11-Sep-2021
Time: 18:54:48
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

4:2FTS



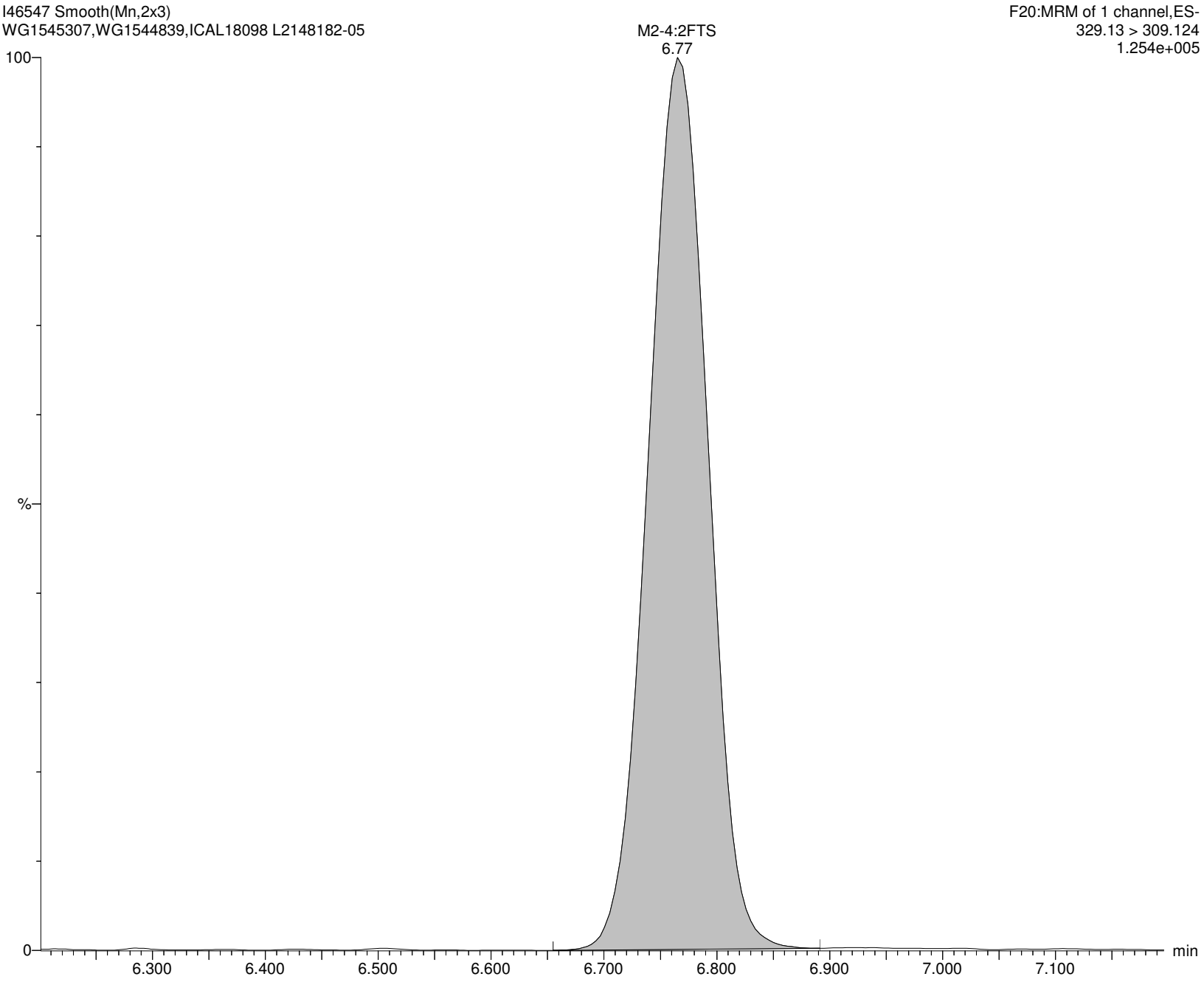


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:07 Eastern Daylight Time

Name: I46547
ID: L2148182-05
Date: 11-Sep-2021
Time: 18:54:48
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-4:2FTS

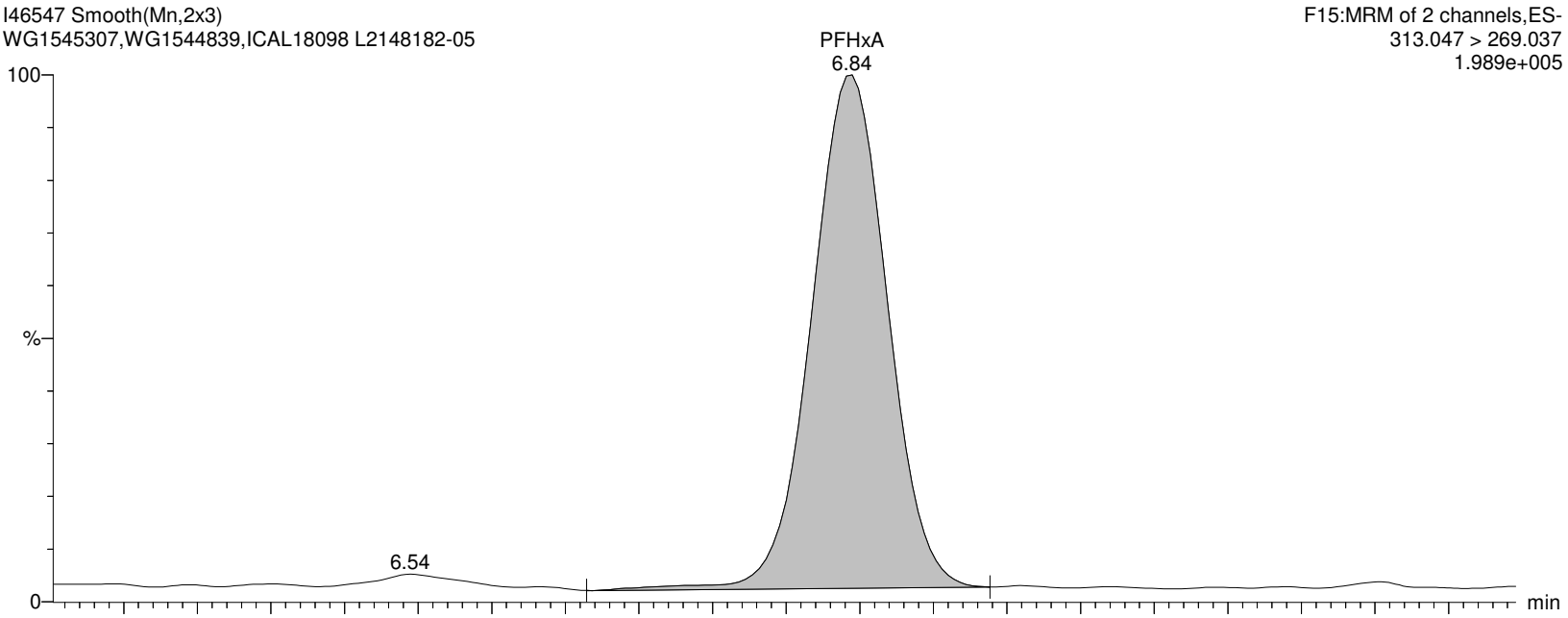


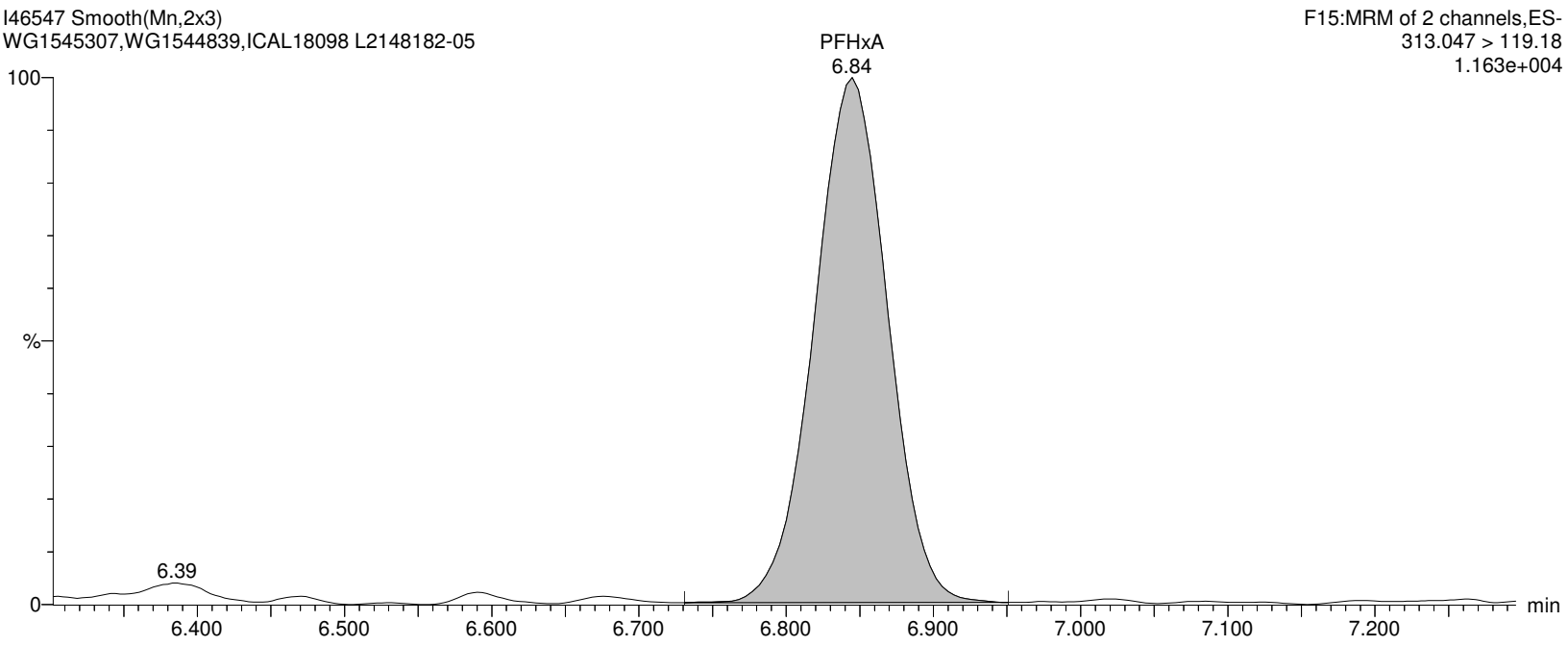
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:07 Eastern Daylight Time

Name: I46547
ID: L2148182-05
Date: 11-Sep-2021
Time: 18:54:48
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxA



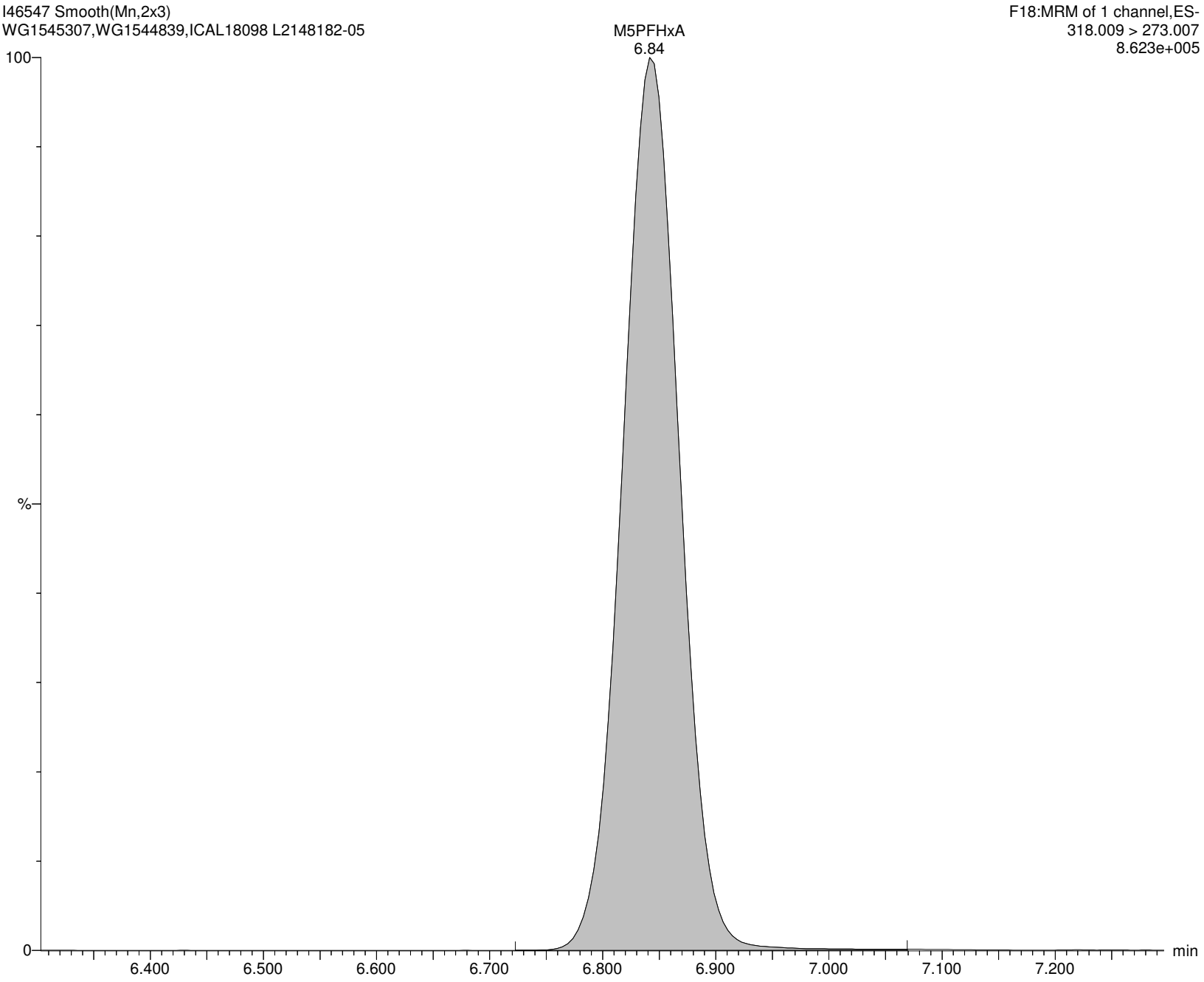


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:07 Eastern Daylight Time

Name: I46547
ID: L2148182-05
Date: 11-Sep-2021
Time: 18:54:48
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFHxA

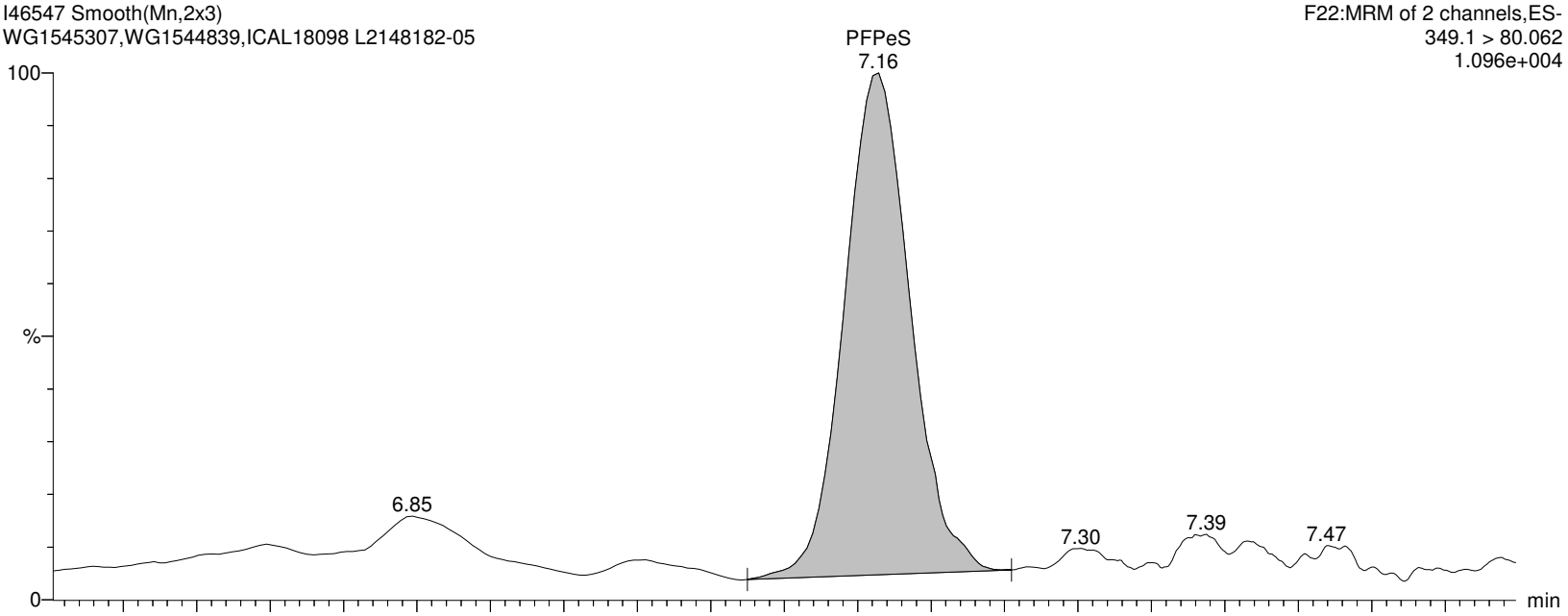


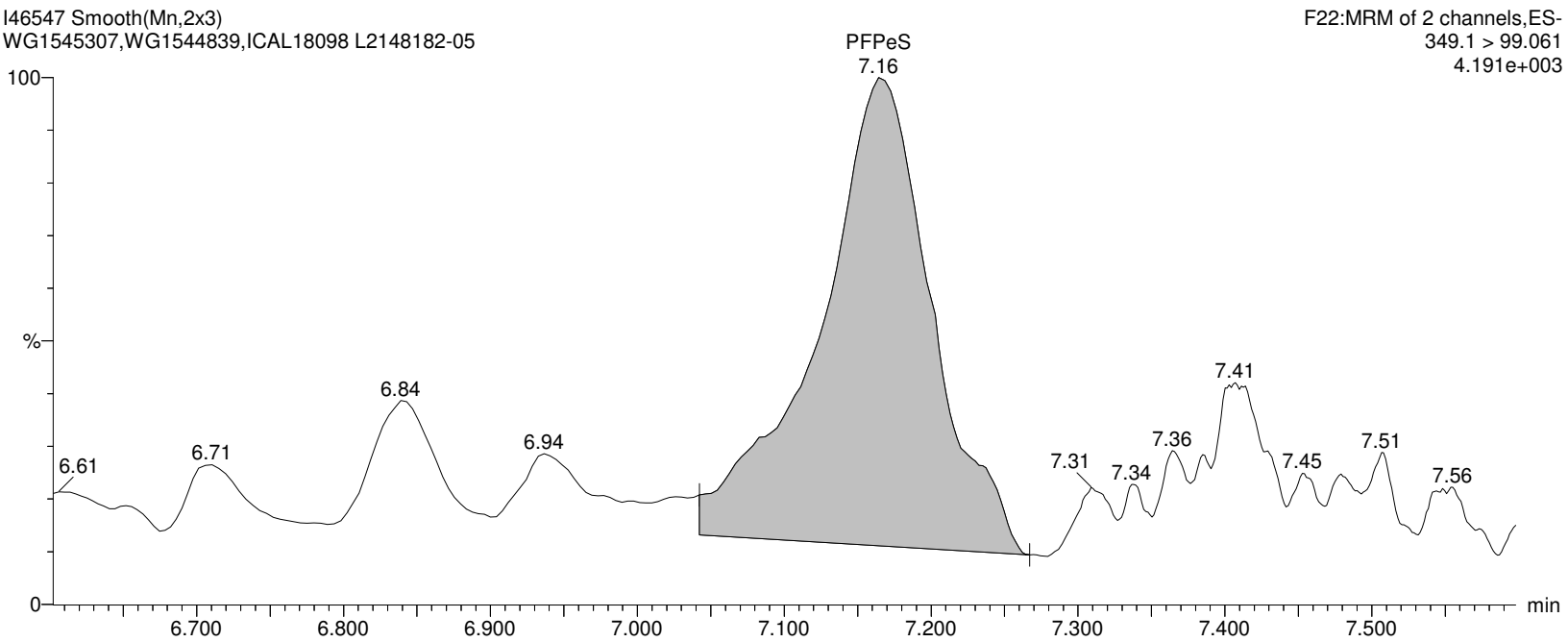
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:07 Eastern Daylight Time

Name: I46547
ID: L2148182-05
Date: 11-Sep-2021
Time: 18:54:48
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeS



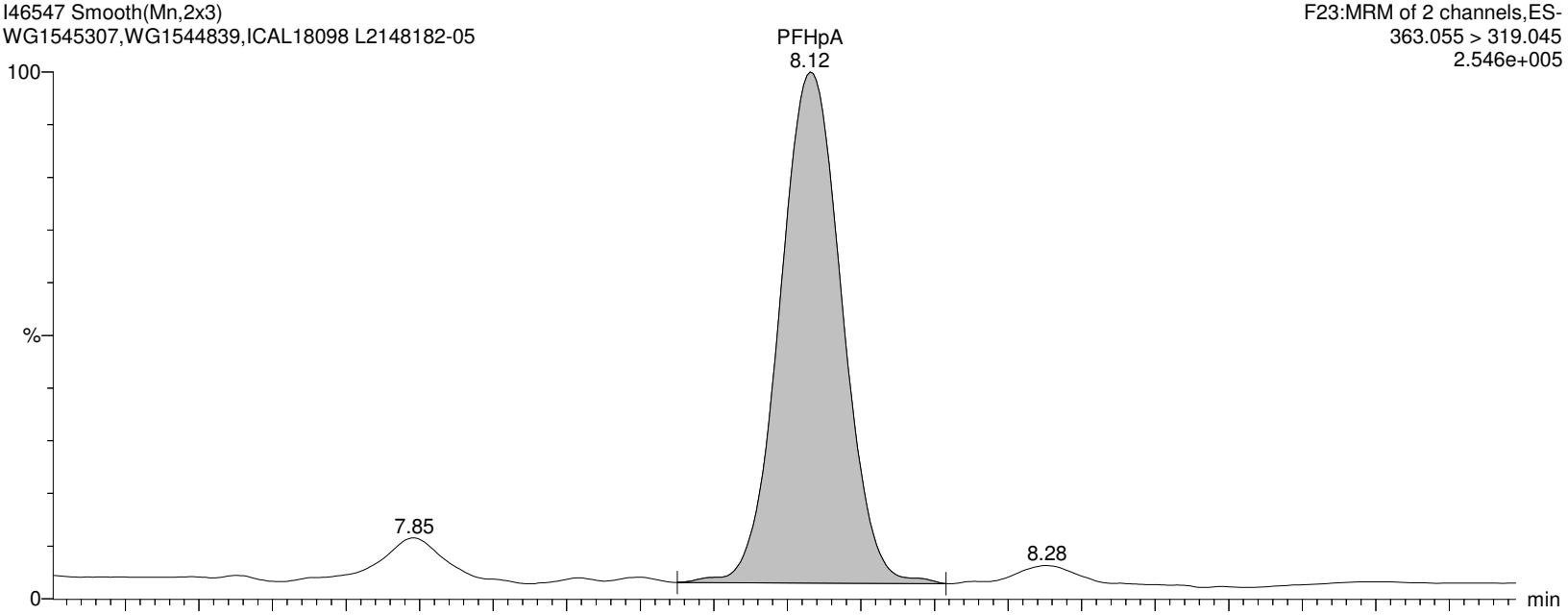


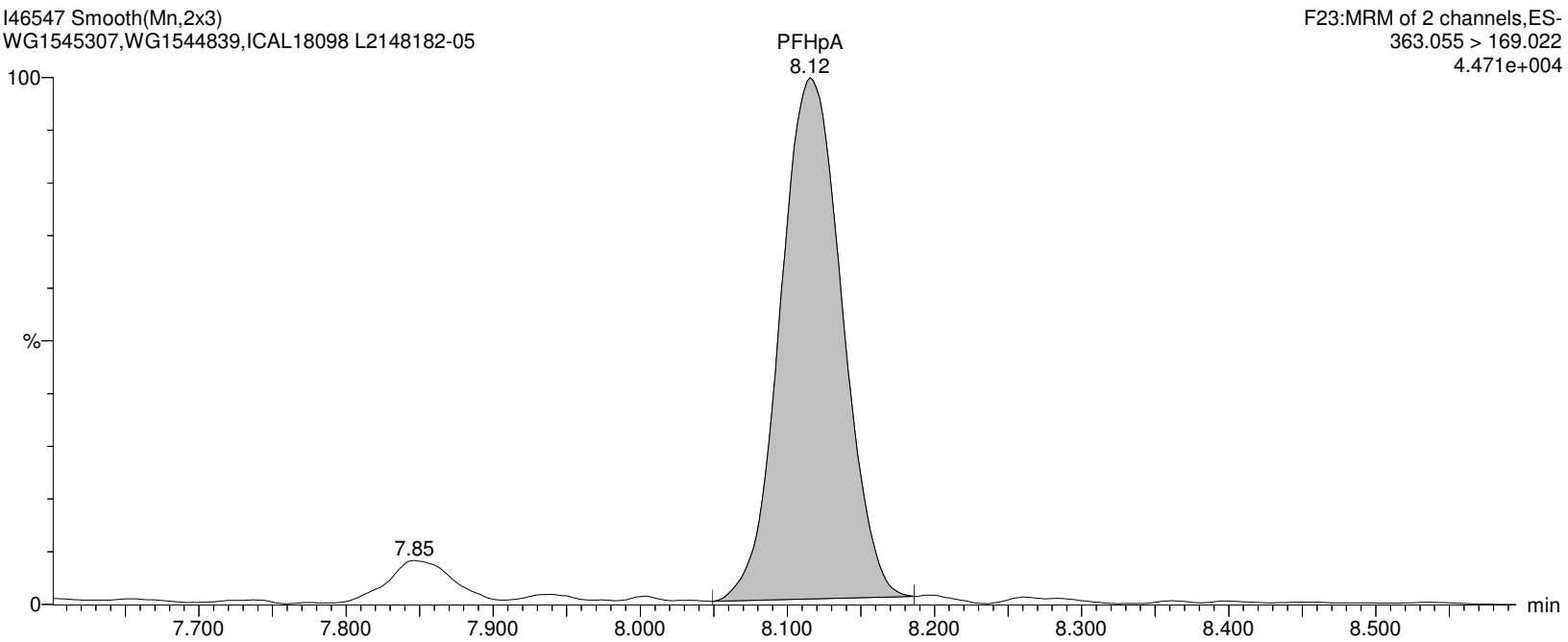
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:07 Eastern Daylight Time

Name: I46547
ID: L2148182-05
Date: 11-Sep-2021
Time: 18:54:48
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpA



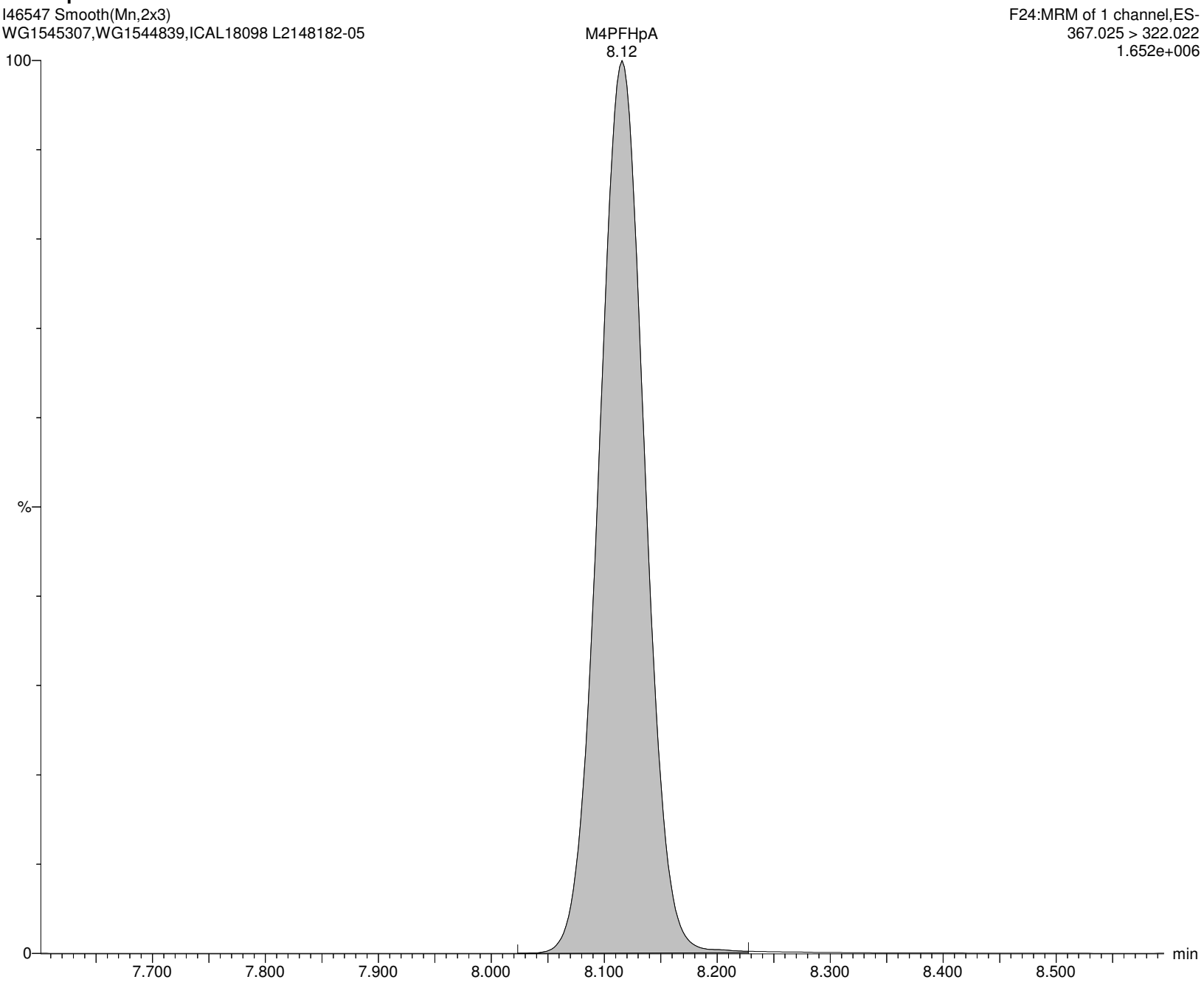


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:07 Eastern Daylight Time

Name: I46547
ID: L2148182-05
Date: 11-Sep-2021
Time: 18:54:48
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFHpA

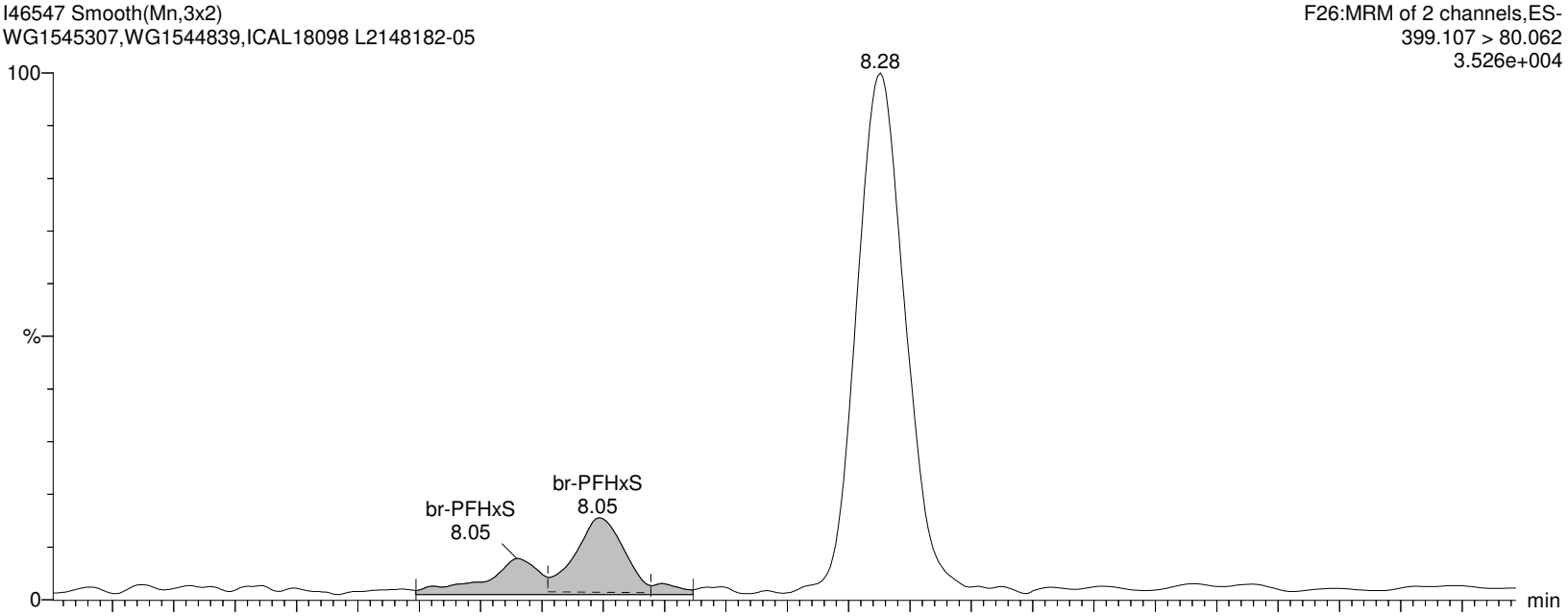


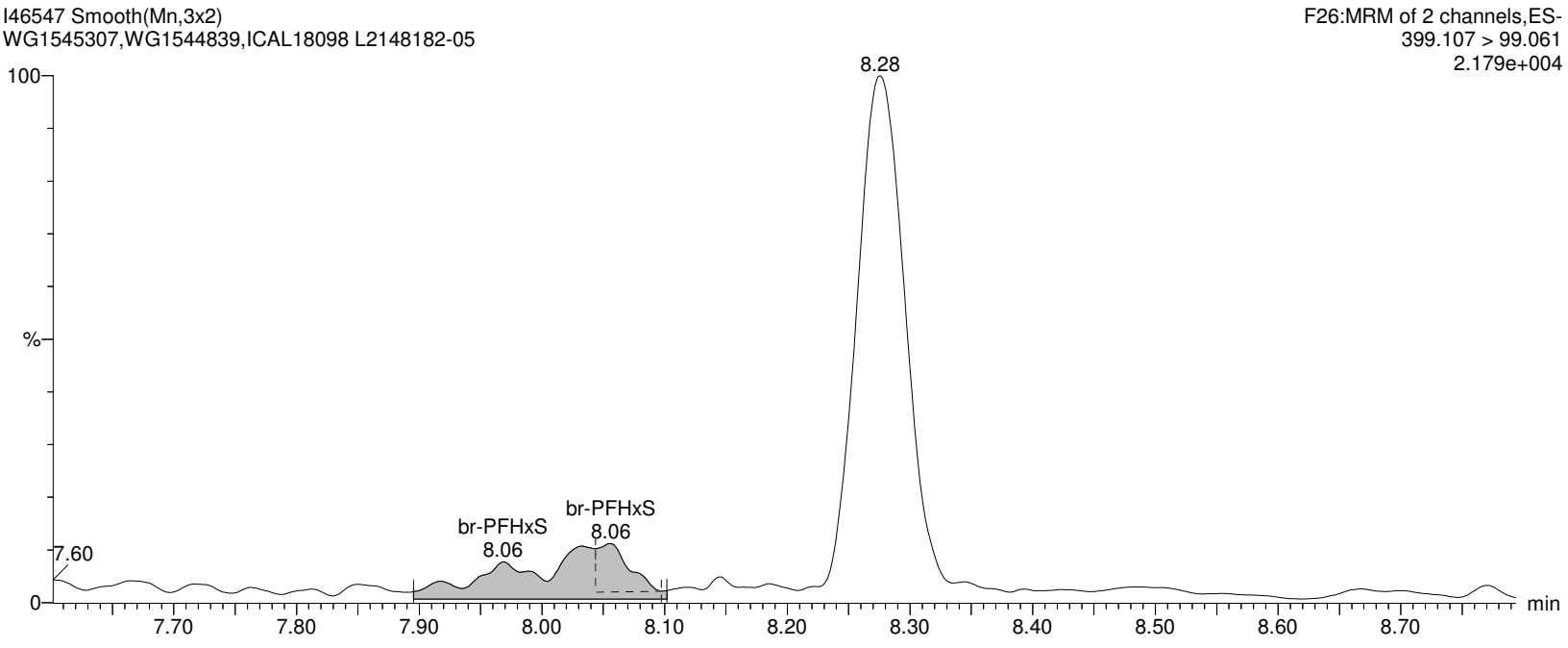
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:07 Eastern Daylight Time

Name: I46547
ID: L2148182-05
Date: 11-Sep-2021
Time: 18:54:48
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFHxS



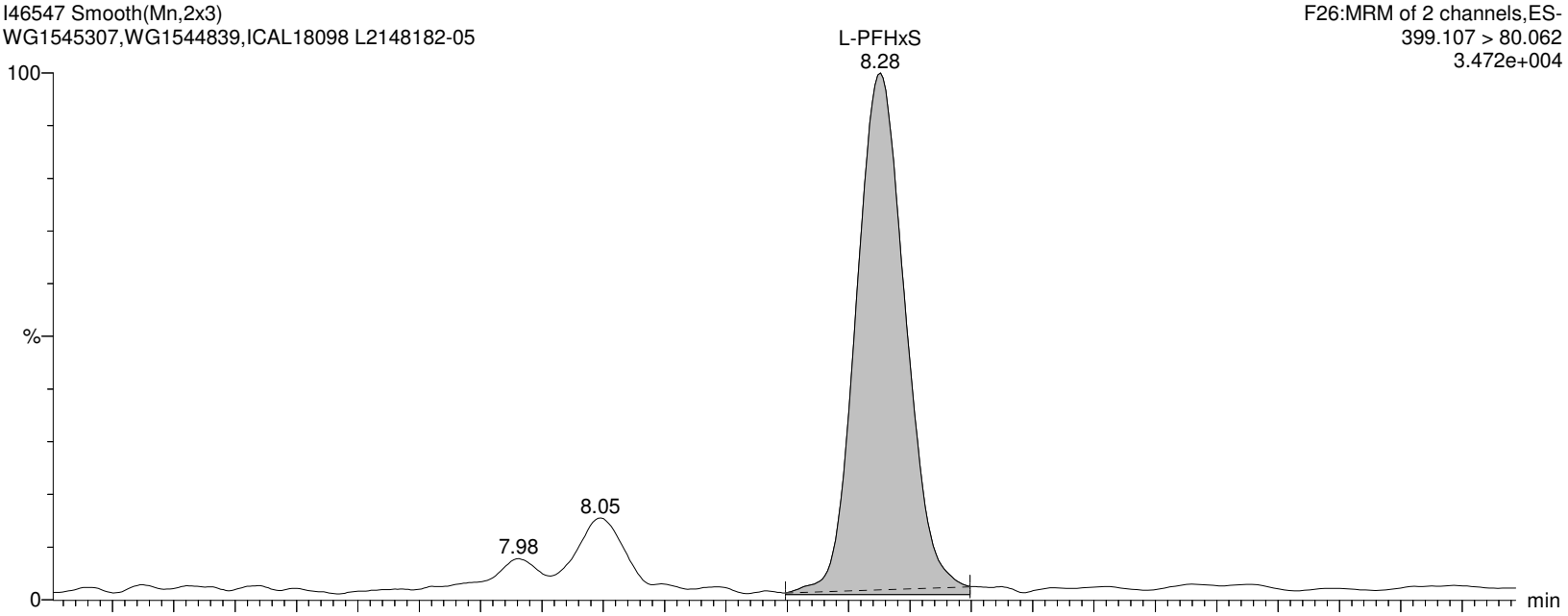


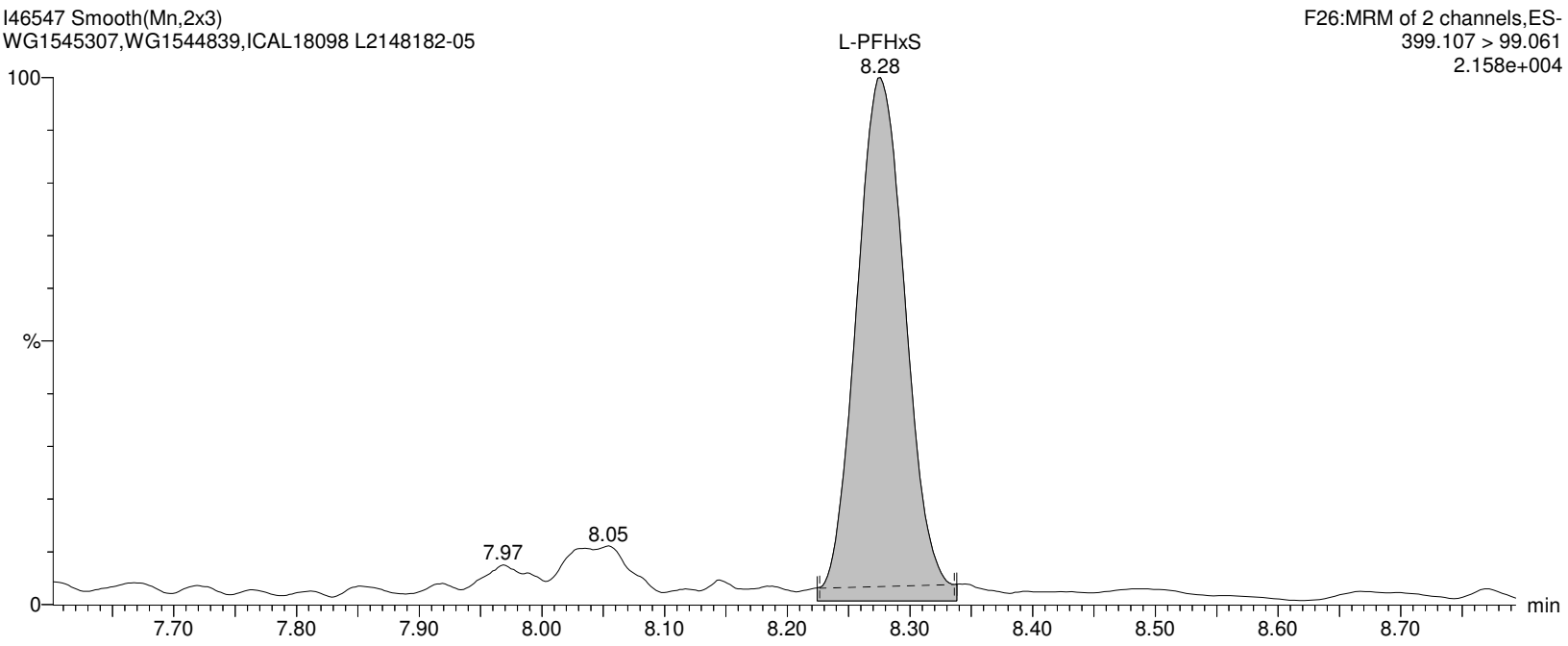
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:07 Eastern Daylight Time

Name: I46547
ID: L2148182-05
Date: 11-Sep-2021
Time: 18:54:48
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFHxS



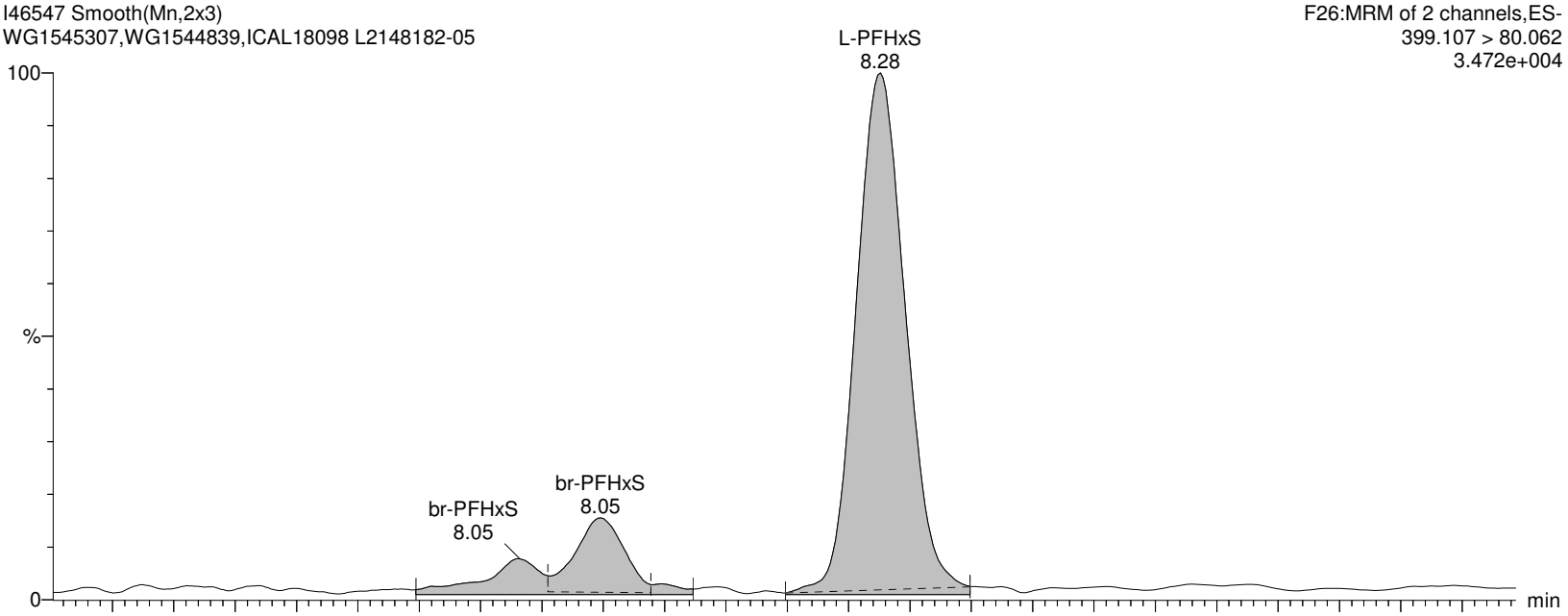


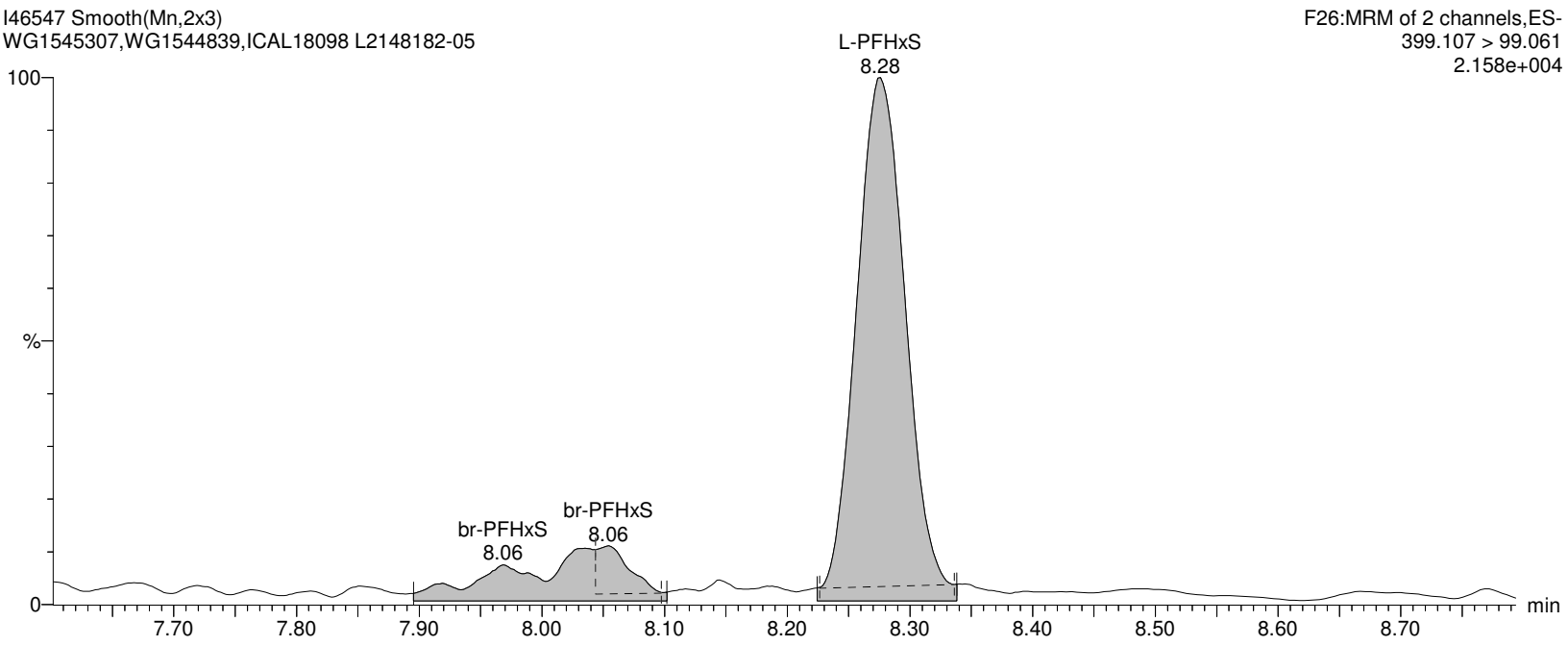
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:07 Eastern Daylight Time

Name: I46547
ID: L2148182-05
Date: 11-Sep-2021
Time: 18:54:48
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxS



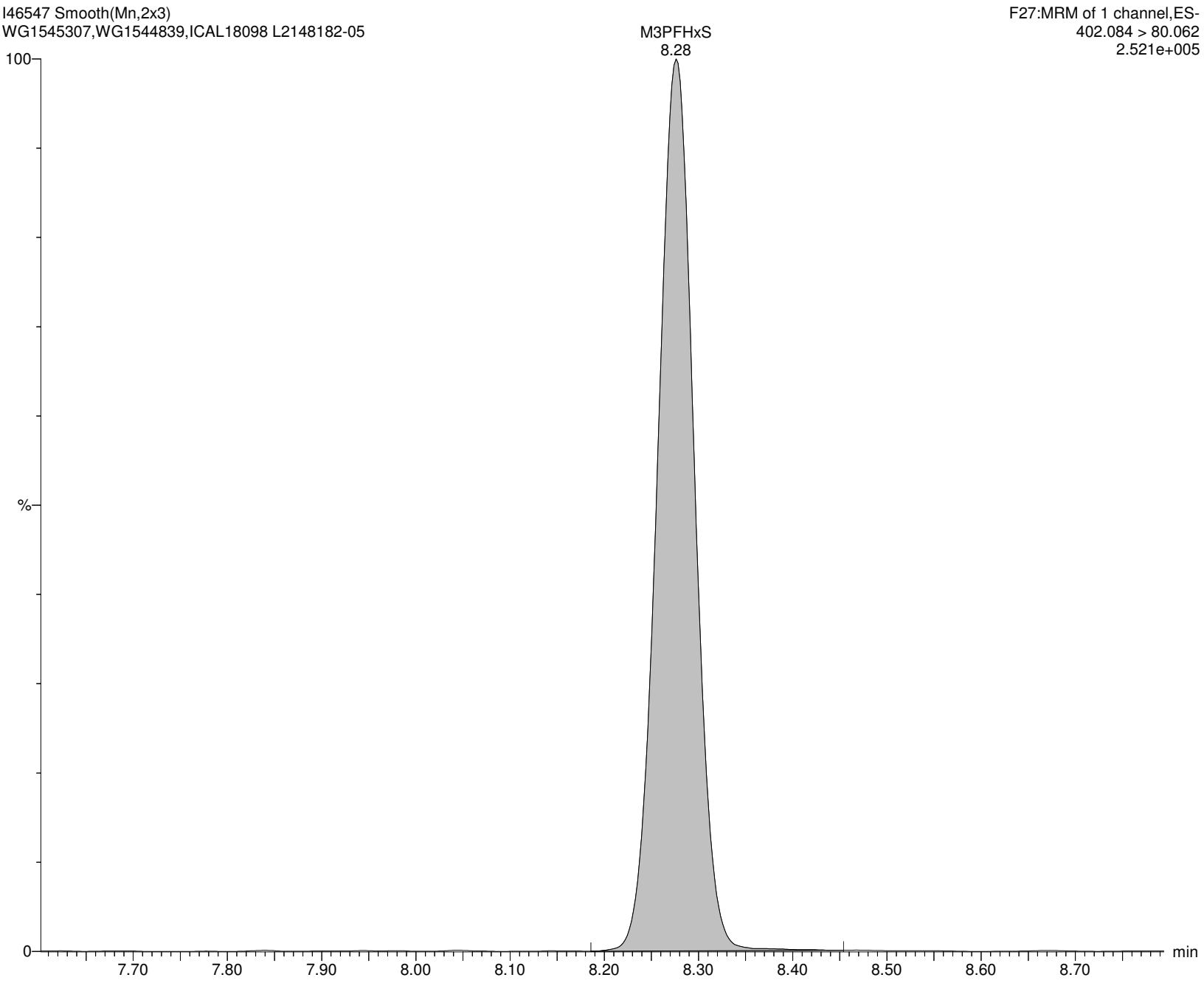


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:07 Eastern Daylight Time

Name: I46547
ID: L2148182-05
Date: 11-Sep-2021
Time: 18:54:48
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFHxS

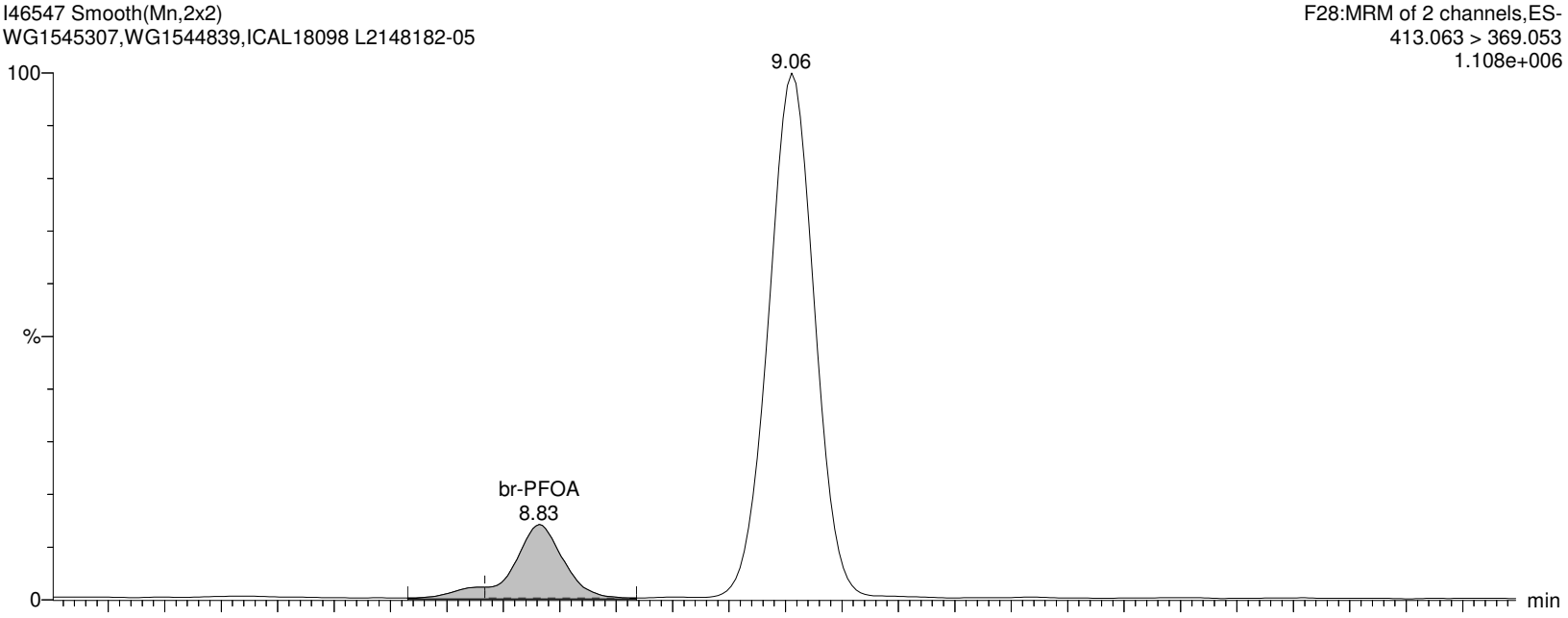


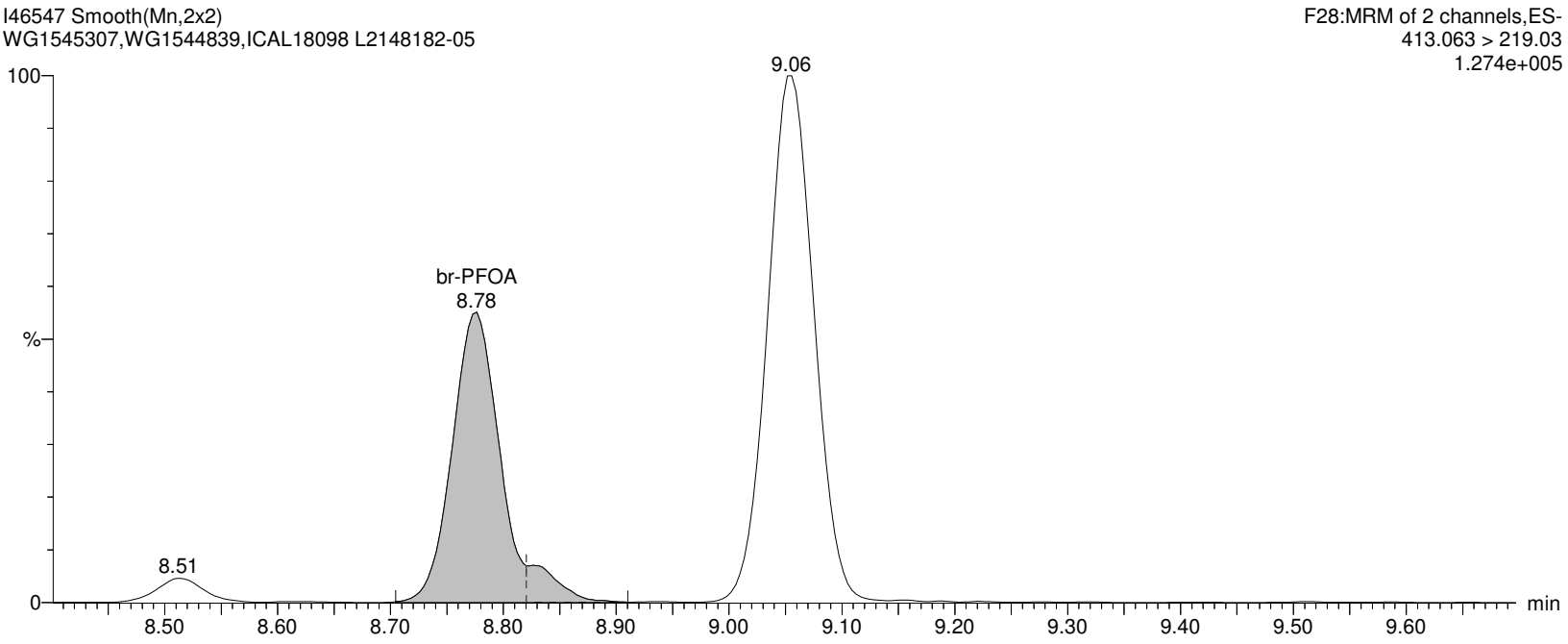
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:07 Eastern Daylight Time

Name: I46547
ID: L2148182-05
Date: 11-Sep-2021
Time: 18:54:48
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOA



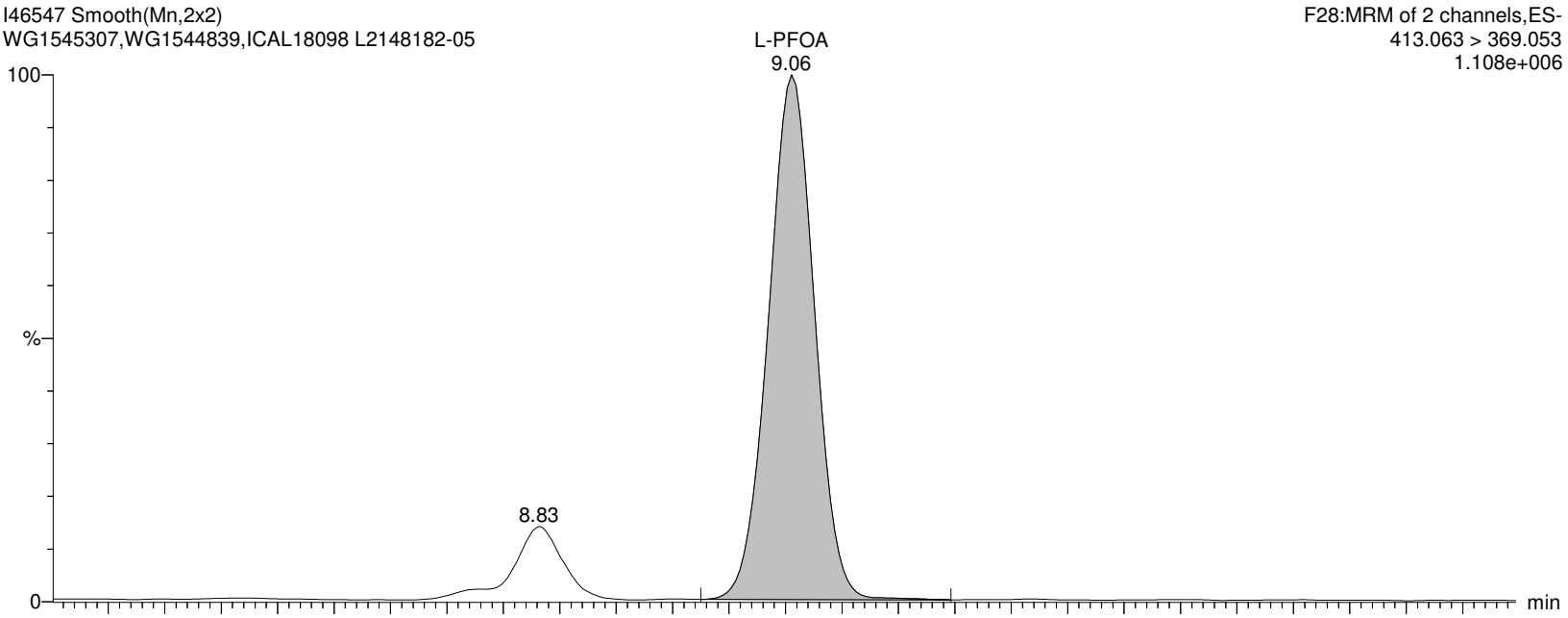


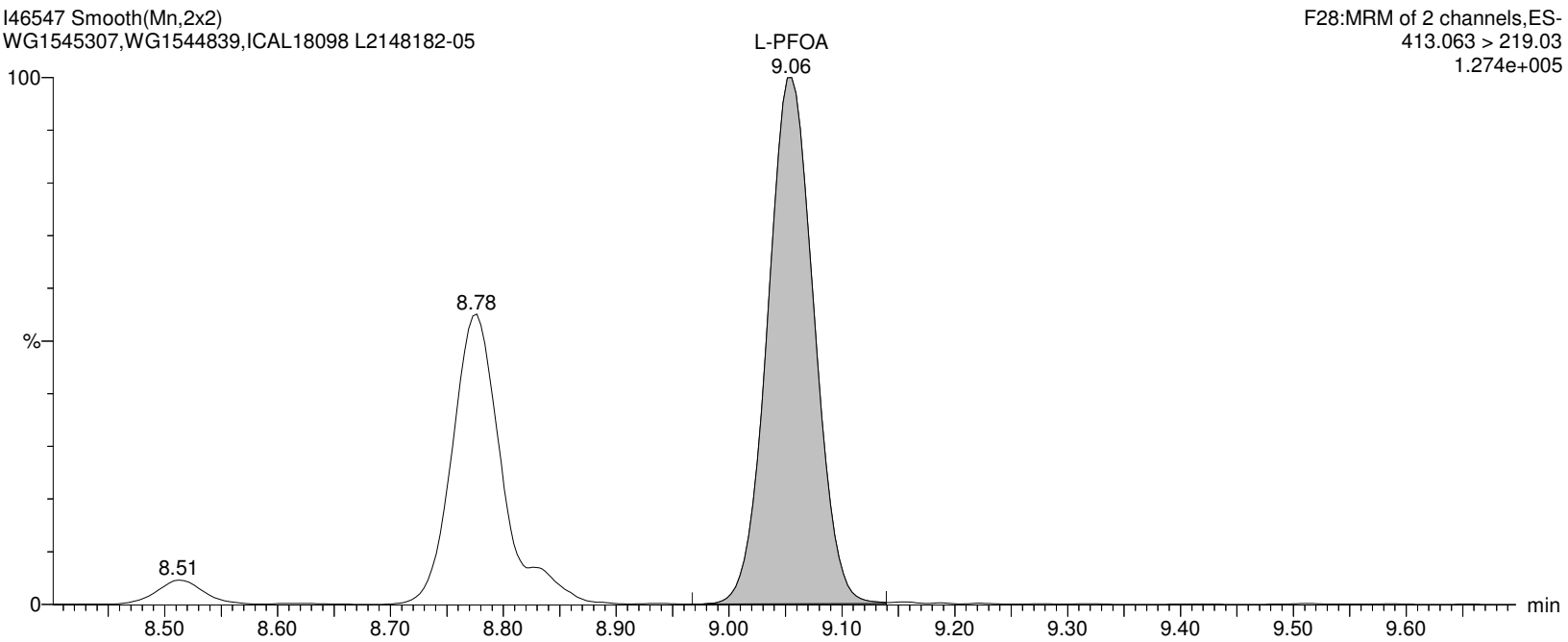
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:07 Eastern Daylight Time

Name: I46547
ID: L2148182-05
Date: 11-Sep-2021
Time: 18:54:48
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOA



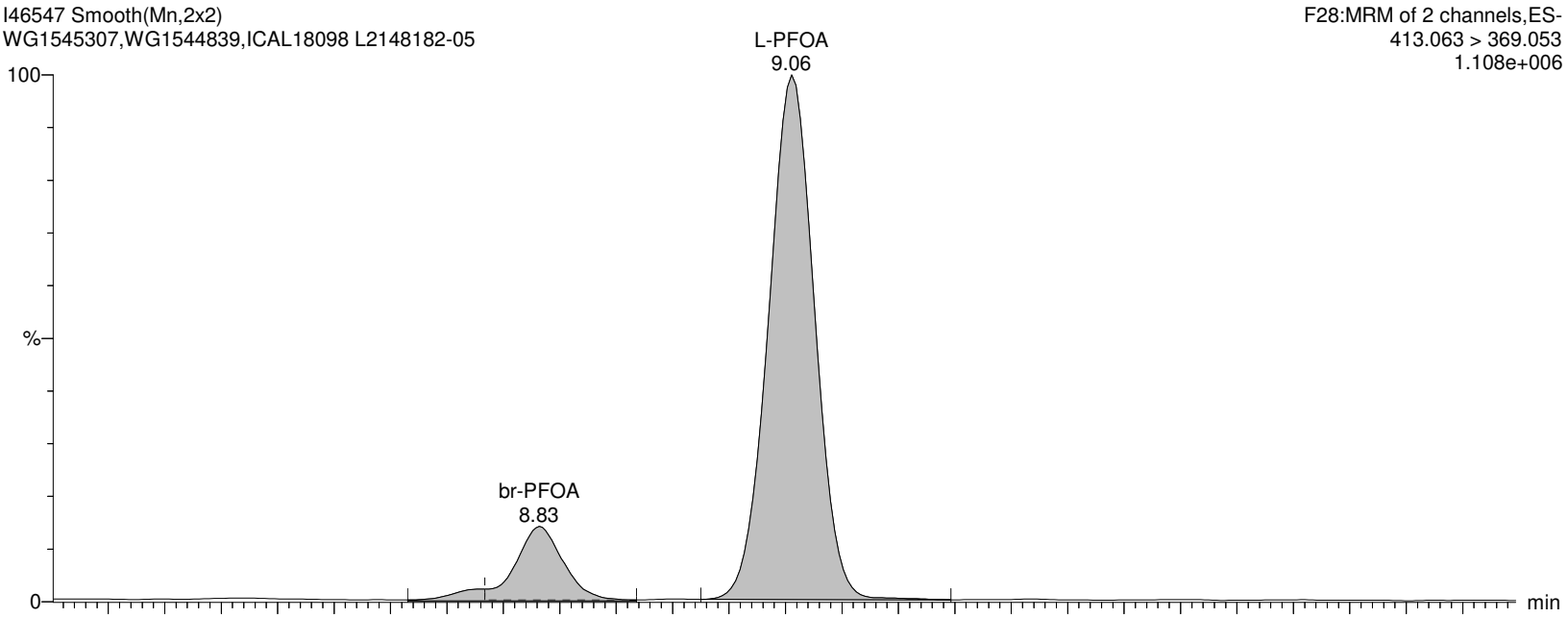


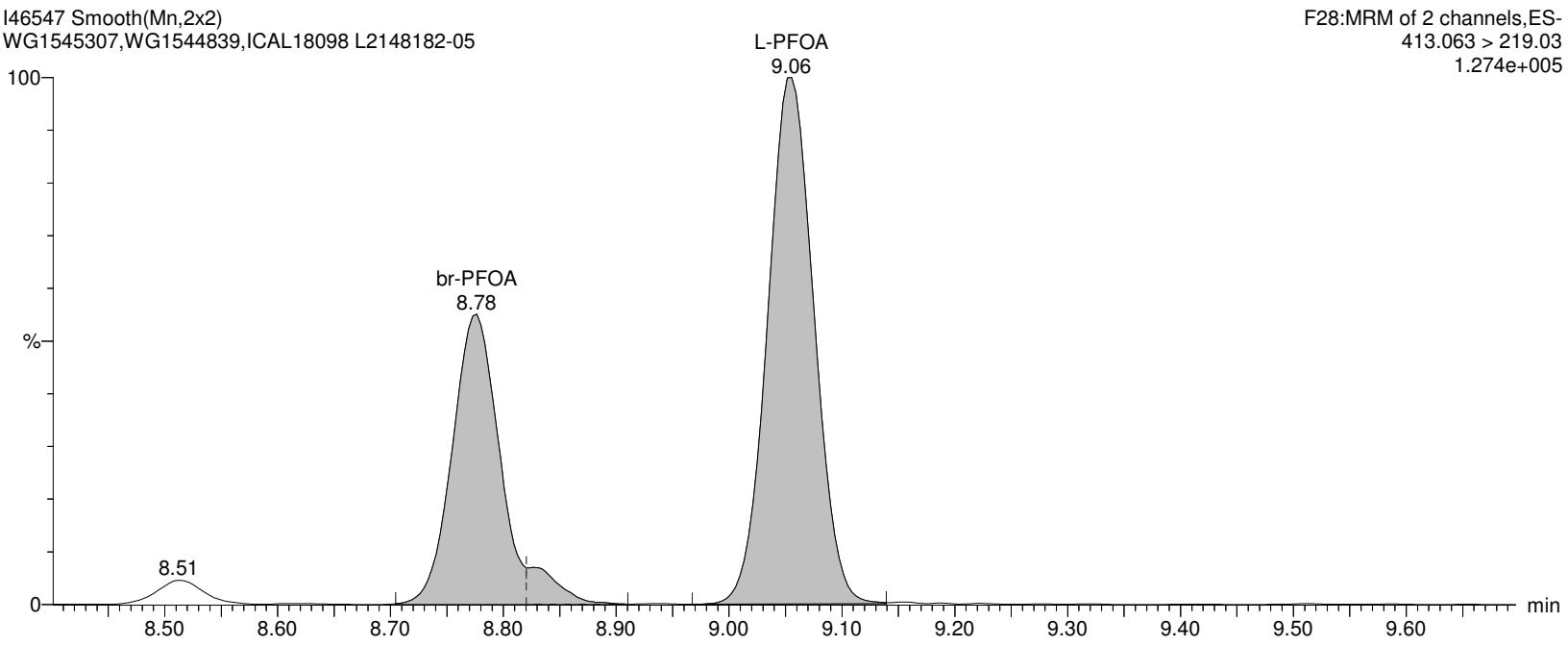
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:07 Eastern Daylight Time

Name: I46547
ID: L2148182-05
Date: 11-Sep-2021
Time: 18:54:48
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOA



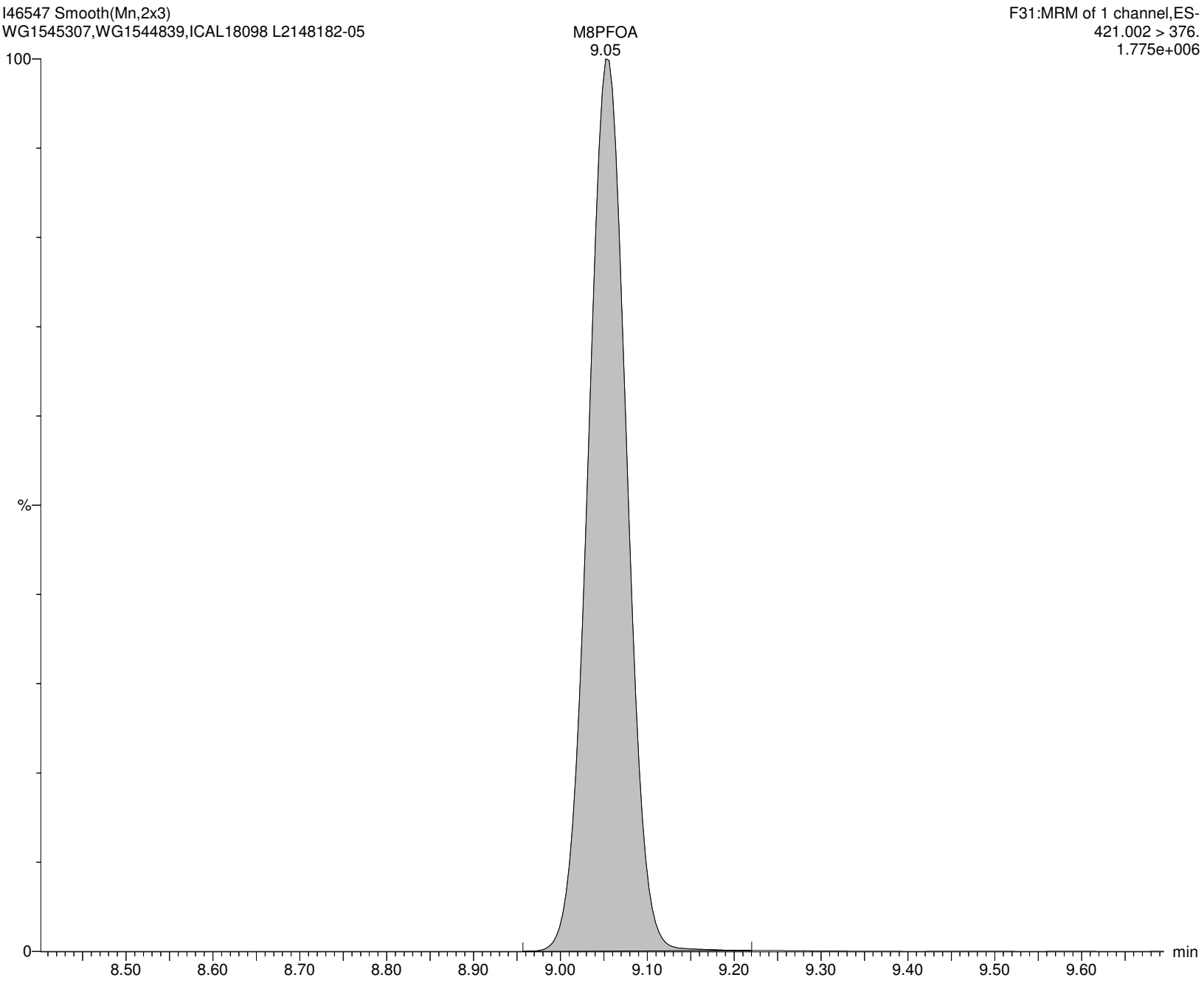


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:07 Eastern Daylight Time

Name: I46547
ID: L2148182-05
Date: 11-Sep-2021
Time: 18:54:48
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOA

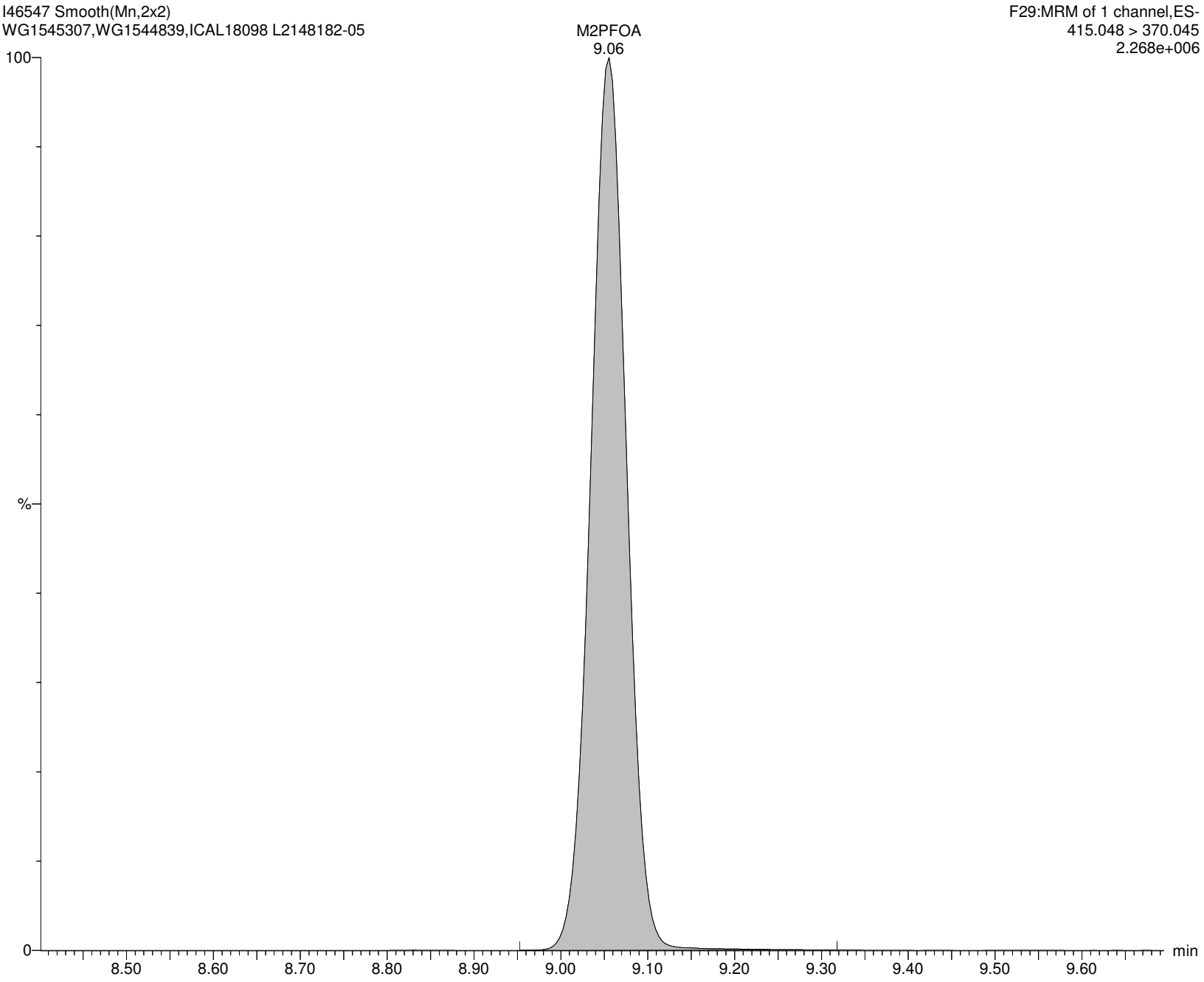


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:07 Eastern Daylight Time

Name: I46547
ID: L2148182-05
Date: 11-Sep-2021
Time: 18:54:48
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFOA

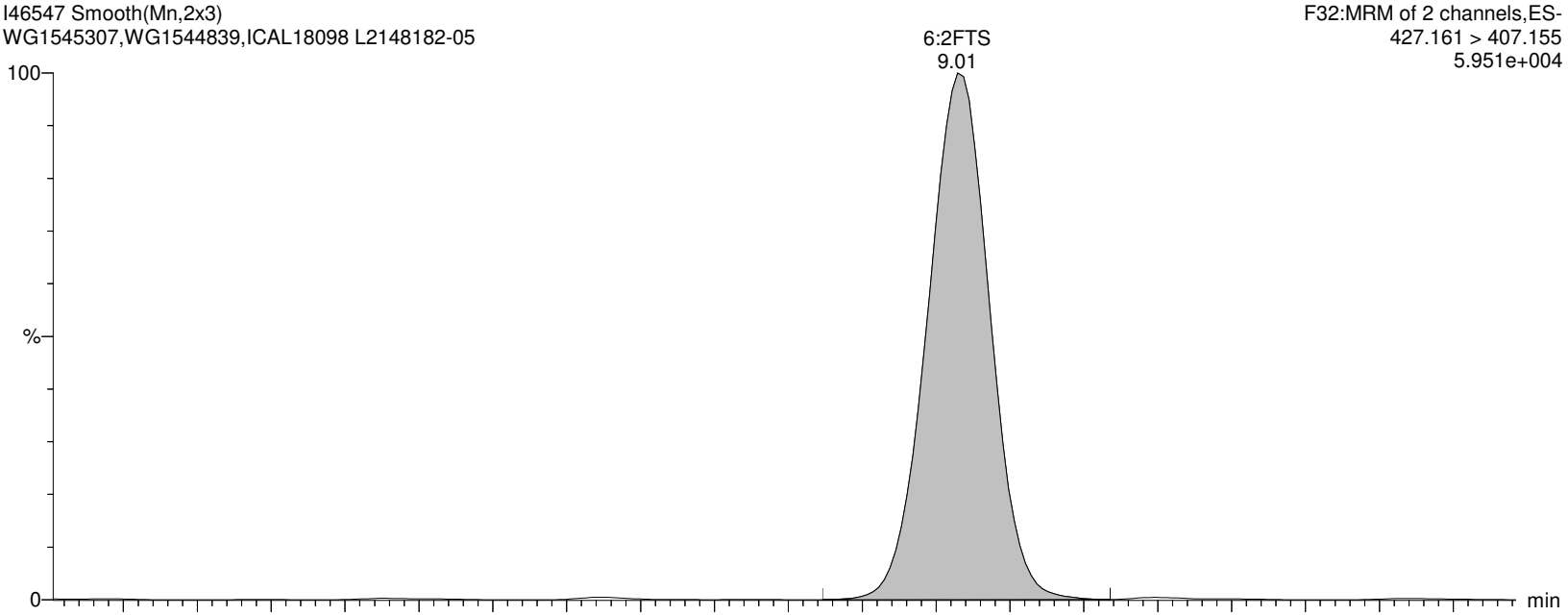


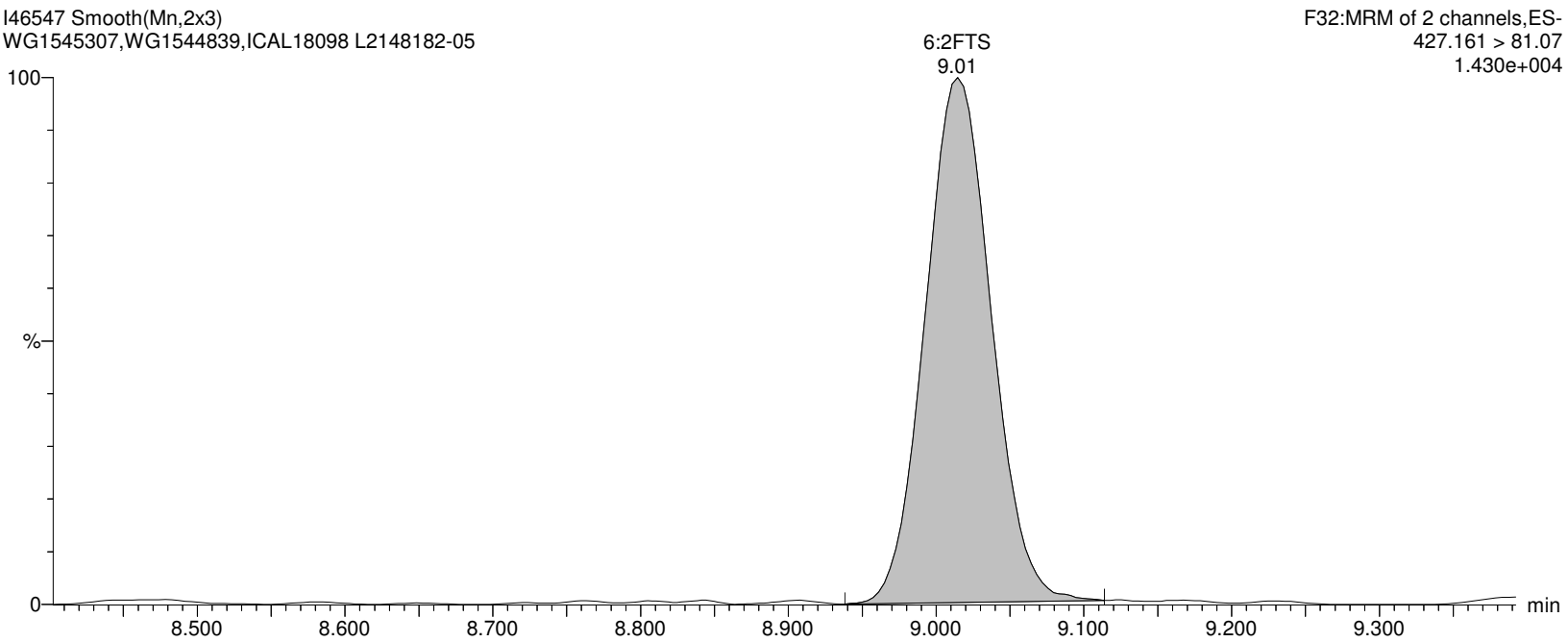
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:07 Eastern Daylight Time

Name: I46547
ID: L2148182-05
Date: 11-Sep-2021
Time: 18:54:48
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

6:2FTS



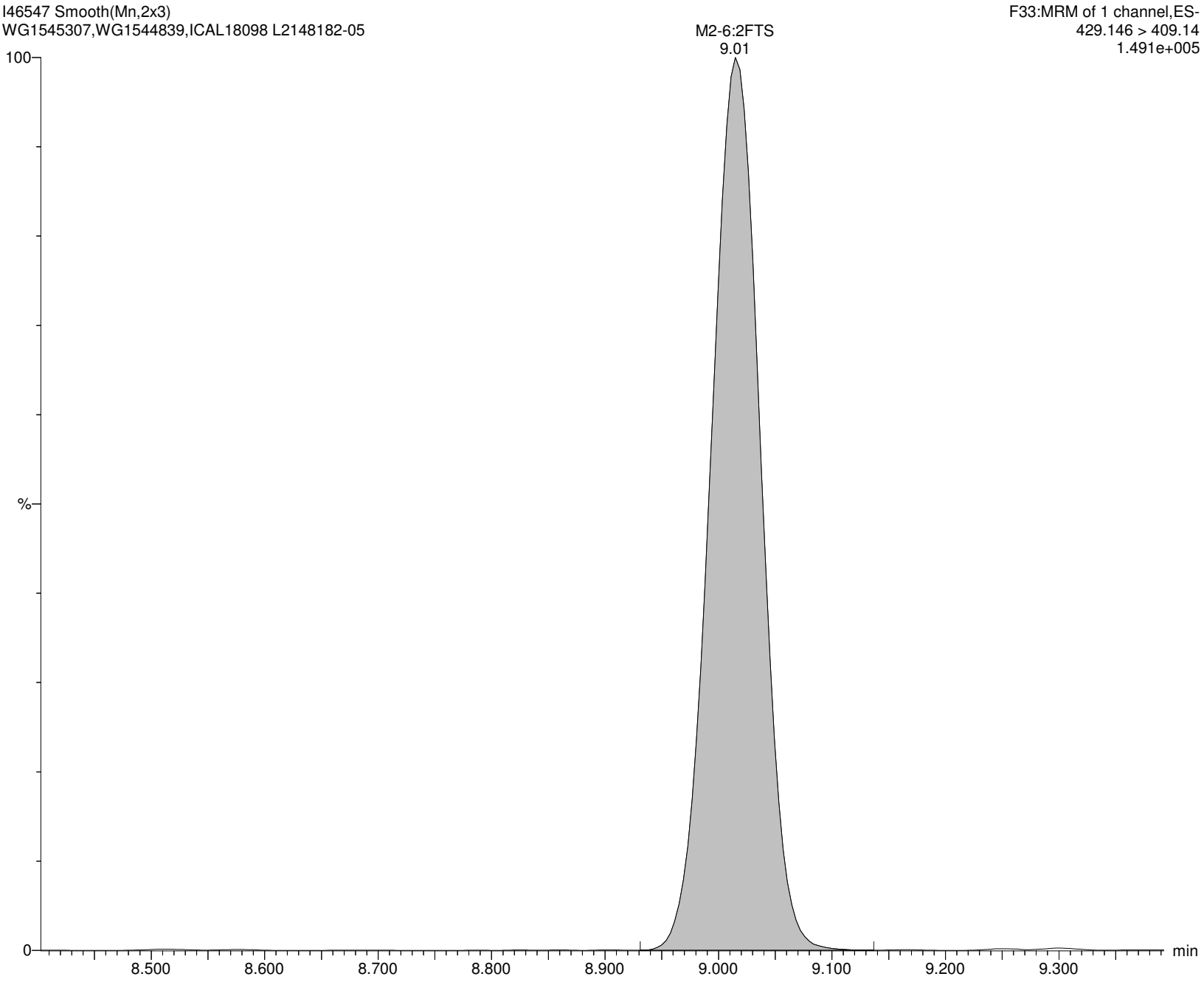


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:07 Eastern Daylight Time

Name: I46547
ID: L2148182-05
Date: 11-Sep-2021
Time: 18:54:48
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-6:2FTS

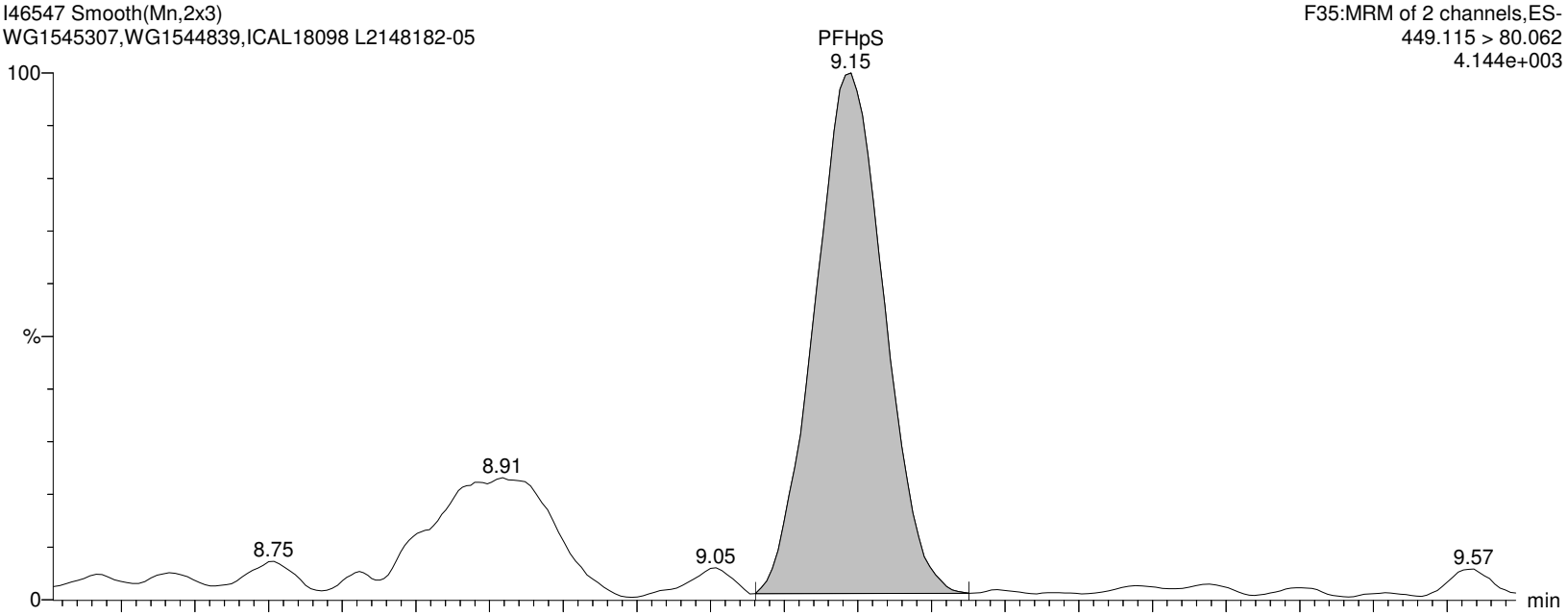


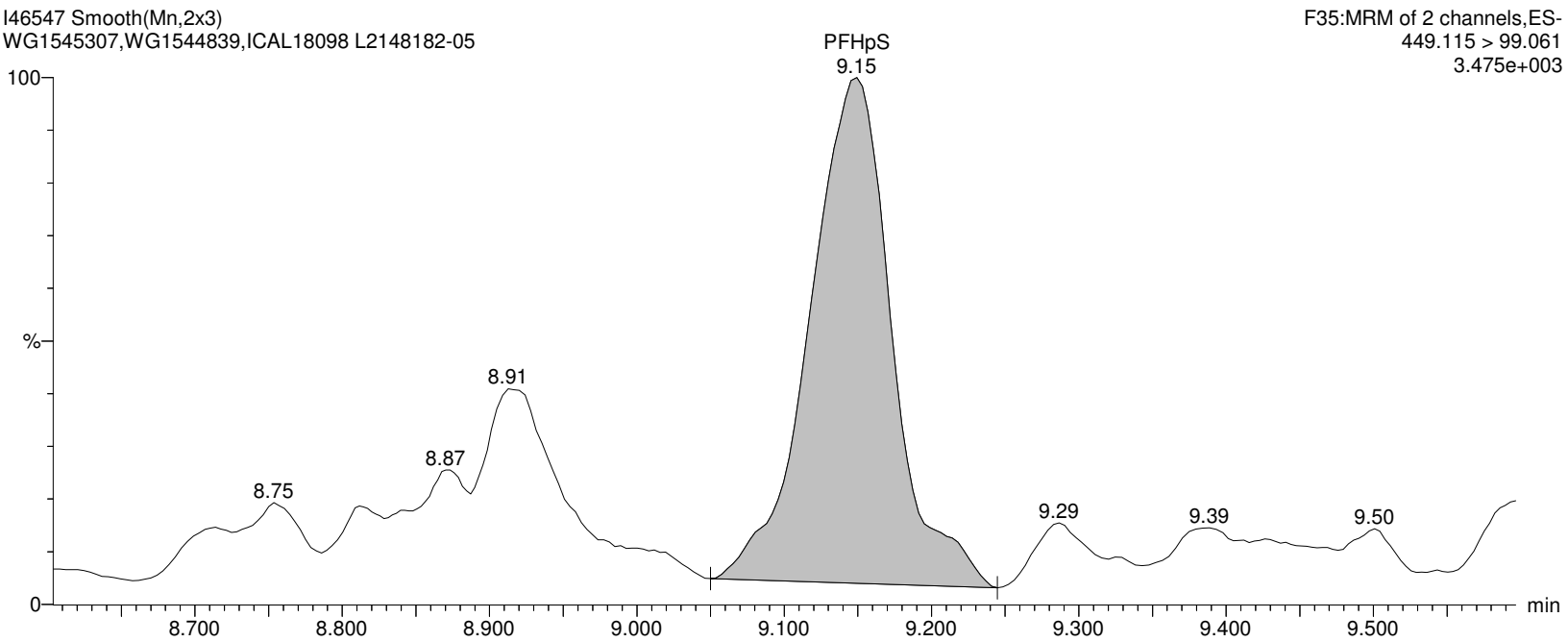
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:07 Eastern Daylight Time

Name: I46547
ID: L2148182-05
Date: 11-Sep-2021
Time: 18:54:48
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpS



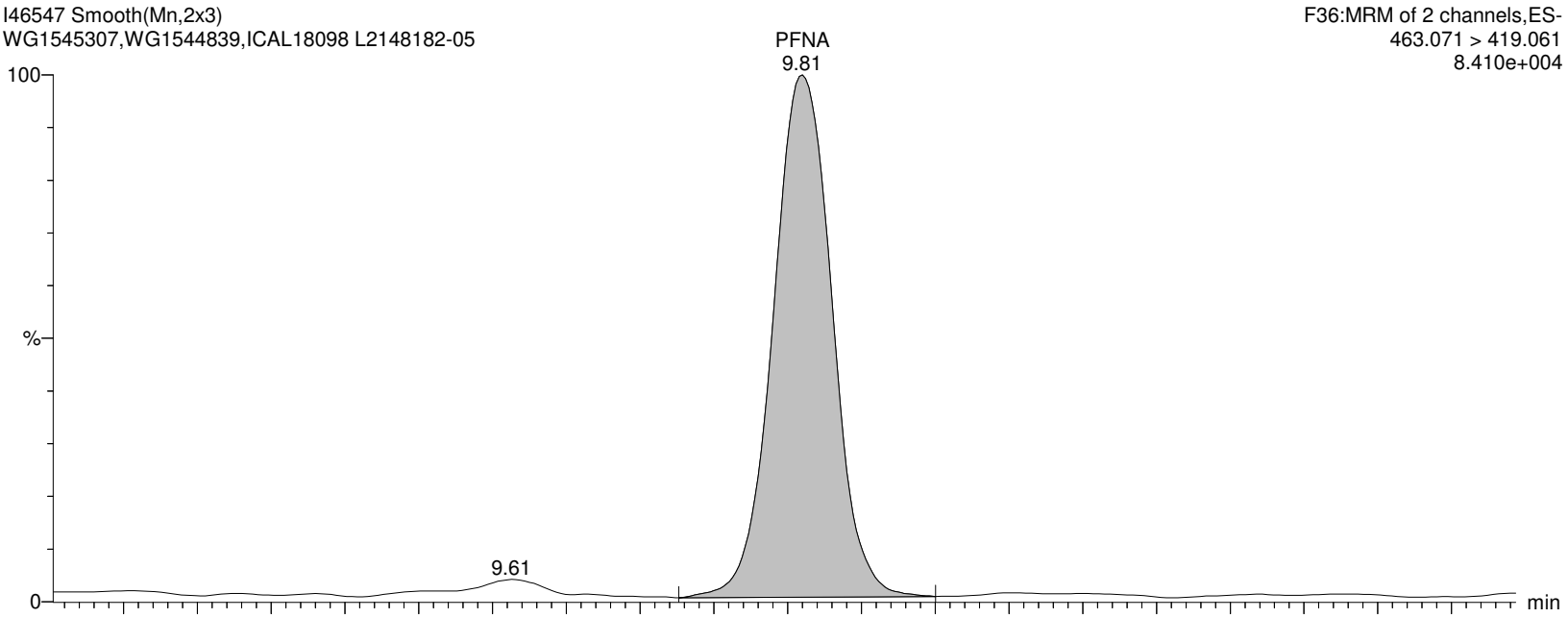


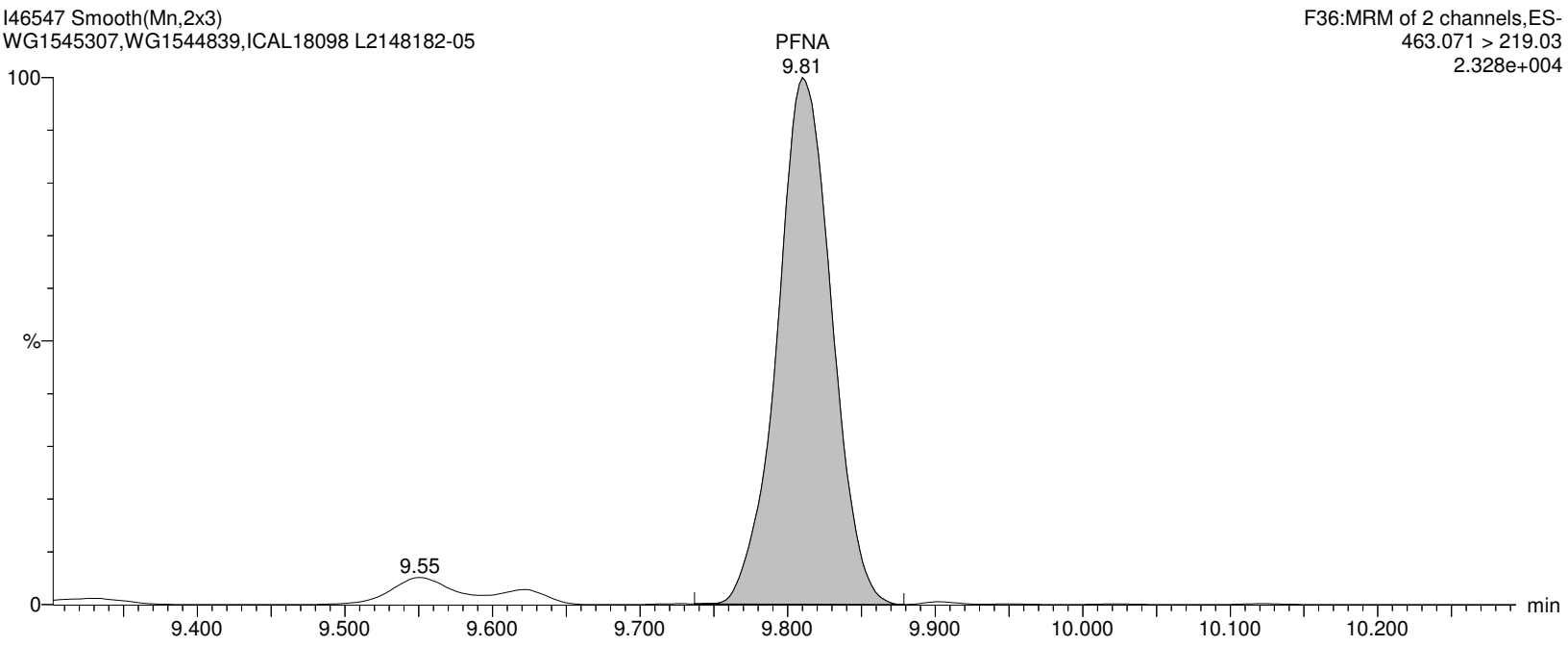
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:07 Eastern Daylight Time

Name: I46547
ID: L2148182-05
Date: 11-Sep-2021
Time: 18:54:48
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNA



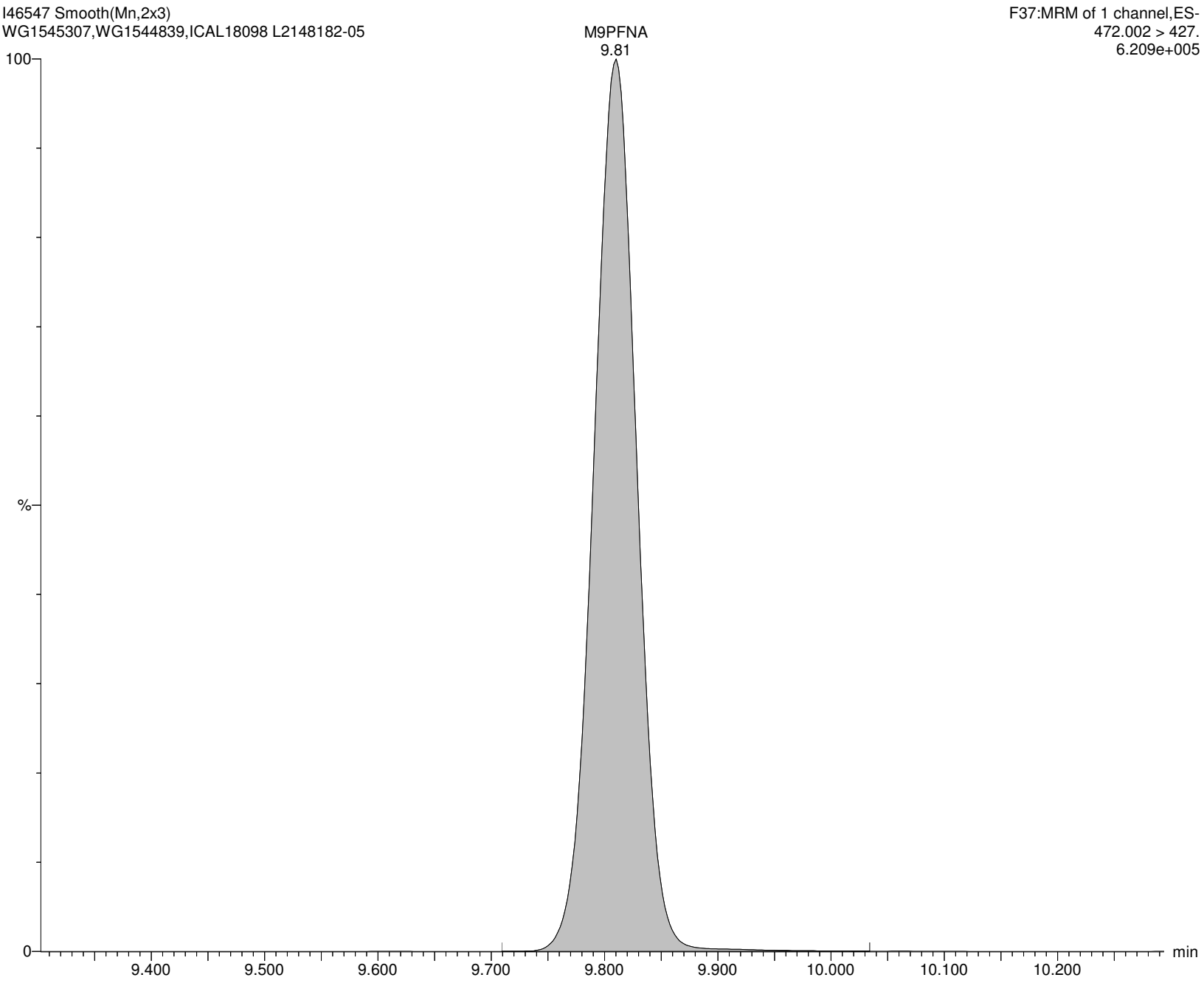


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:07 Eastern Daylight Time

Name: I46547
ID: L2148182-05
Date: 11-Sep-2021
Time: 18:54:48
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M9PFNA

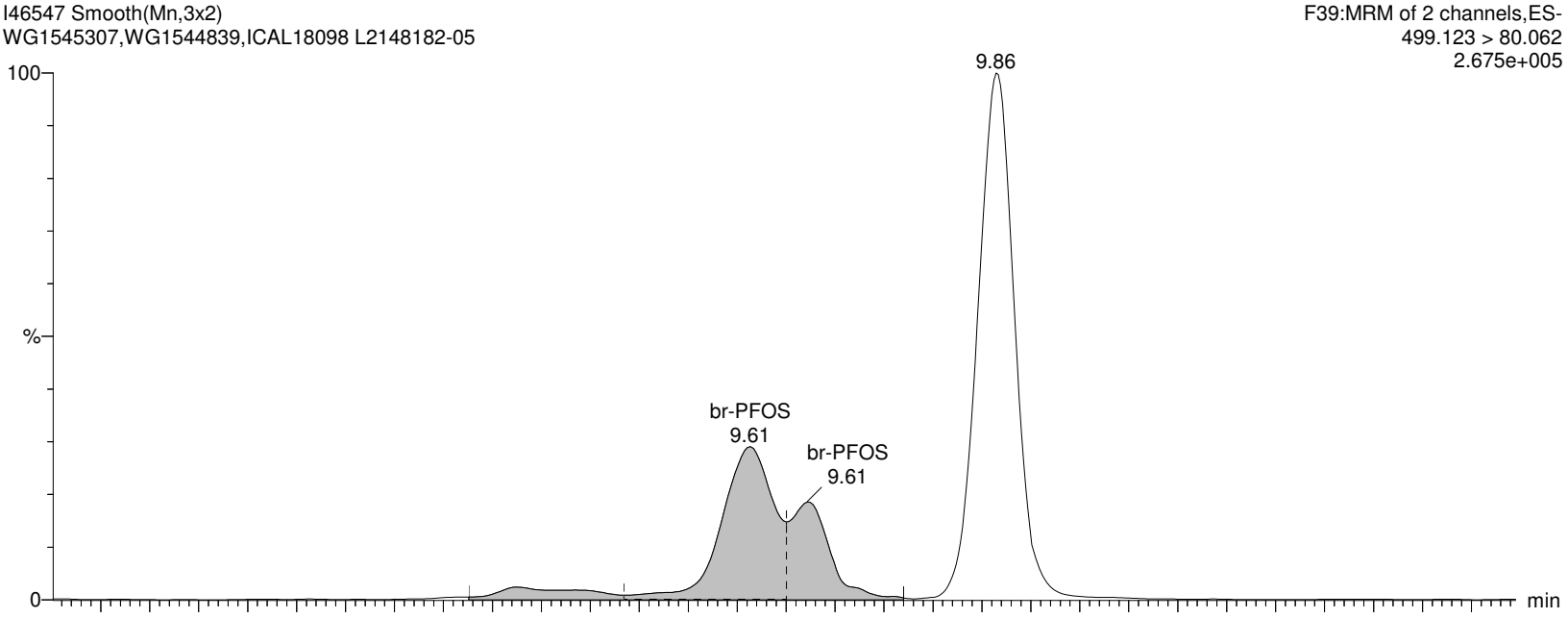


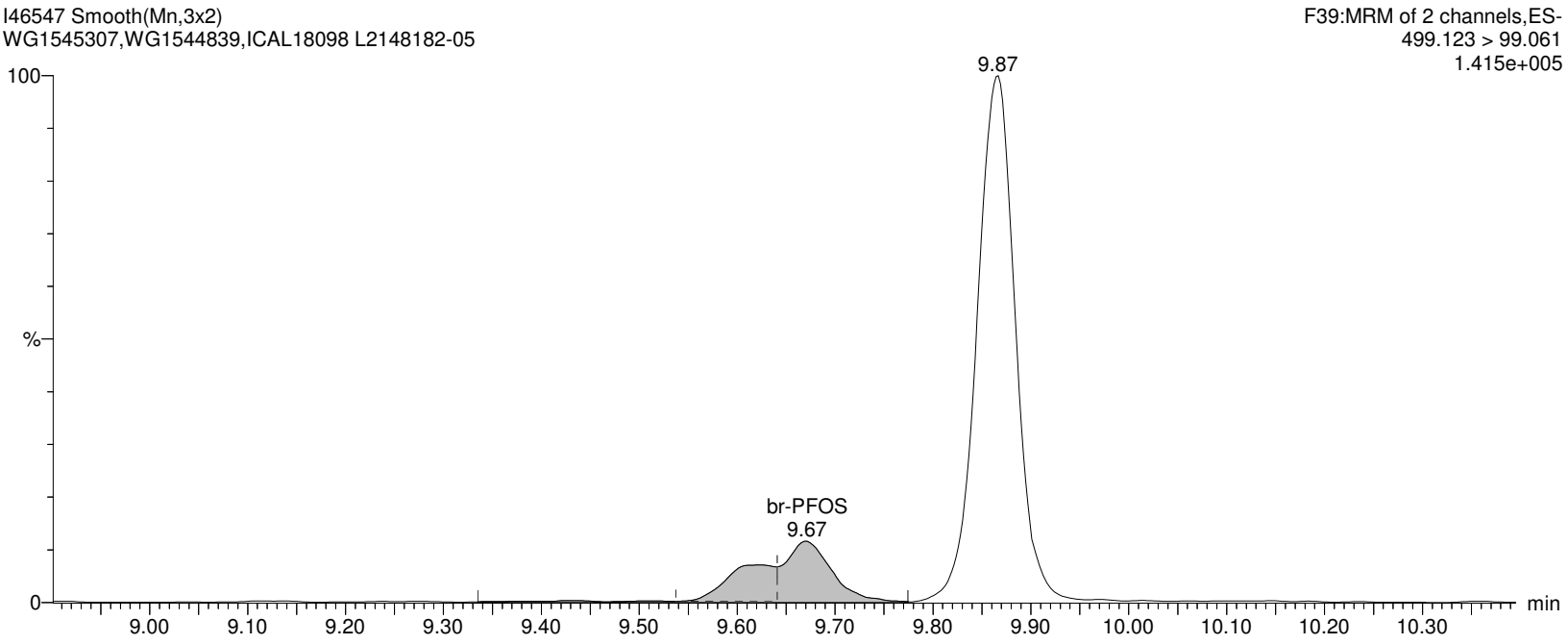
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:07 Eastern Daylight Time

Name: I46547
ID: L2148182-05
Date: 11-Sep-2021
Time: 18:54:48
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOS



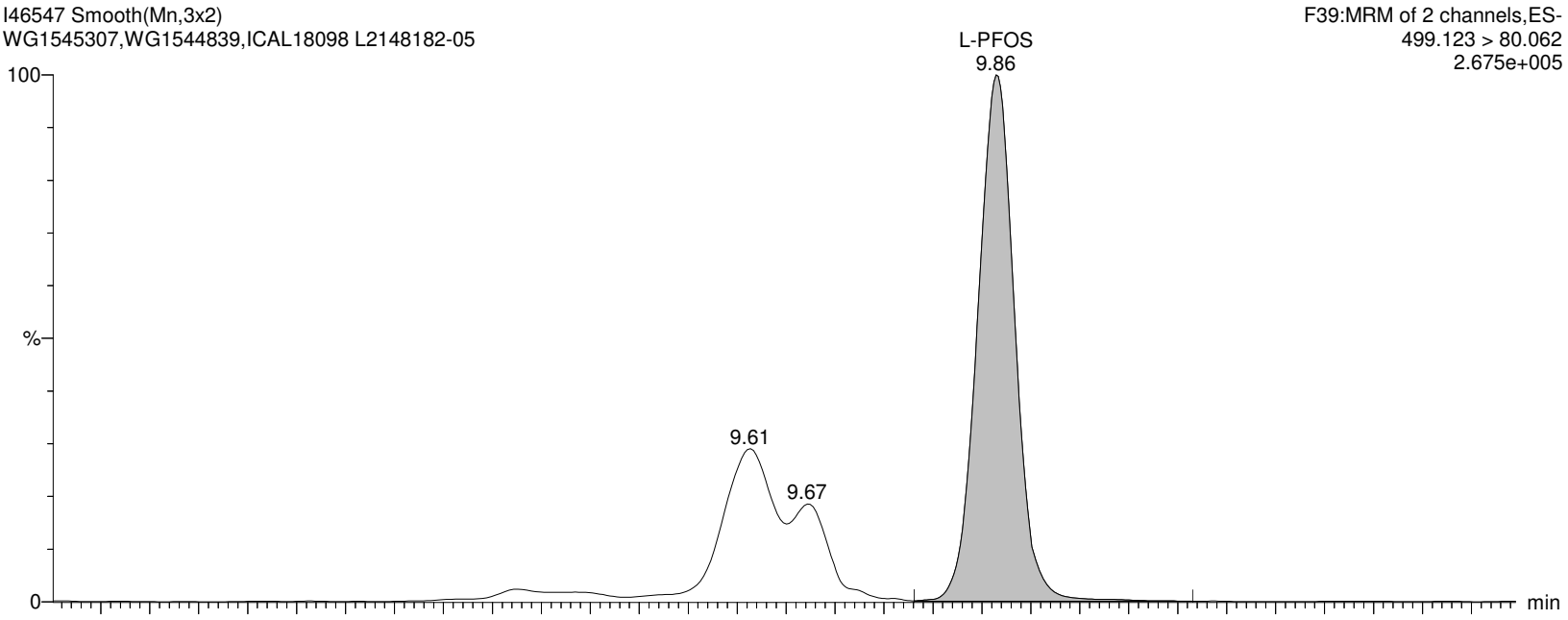


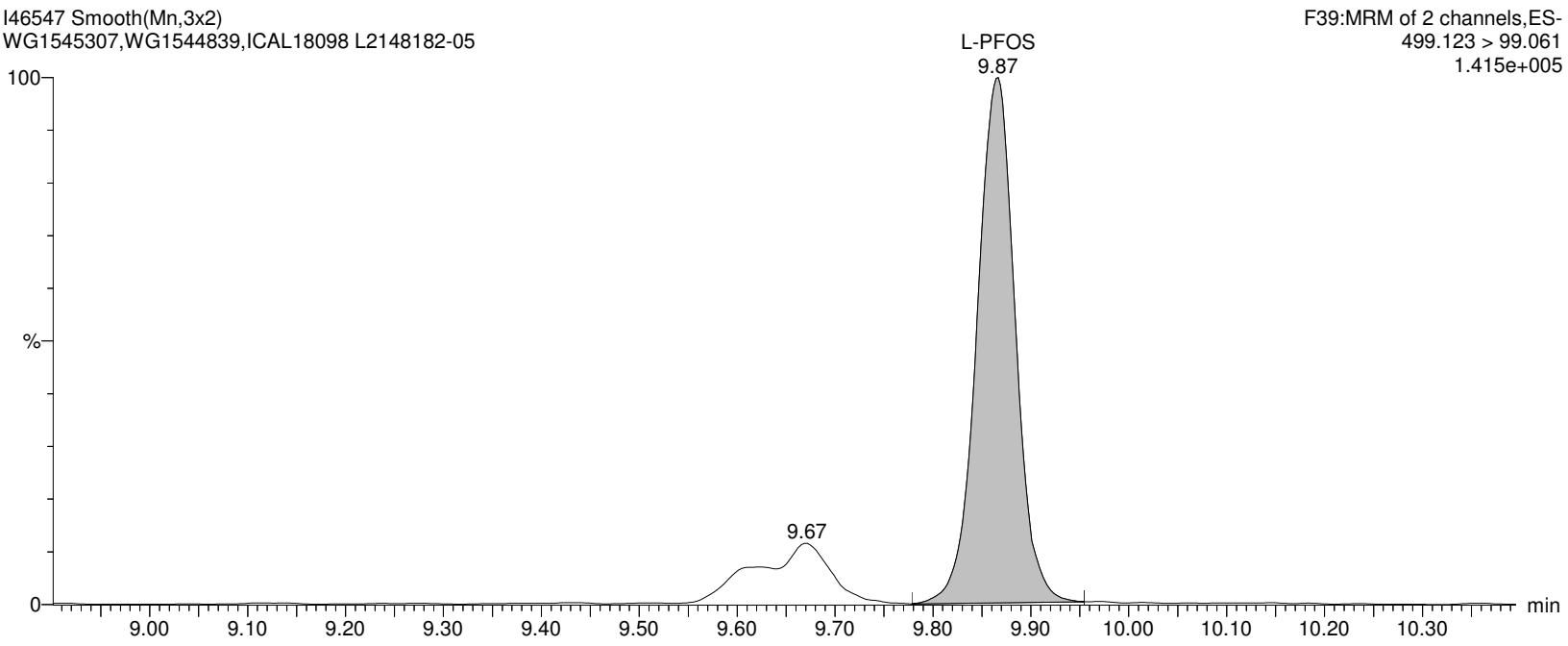
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:07 Eastern Daylight Time

Name: I46547
ID: L2148182-05
Date: 11-Sep-2021
Time: 18:54:48
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOS



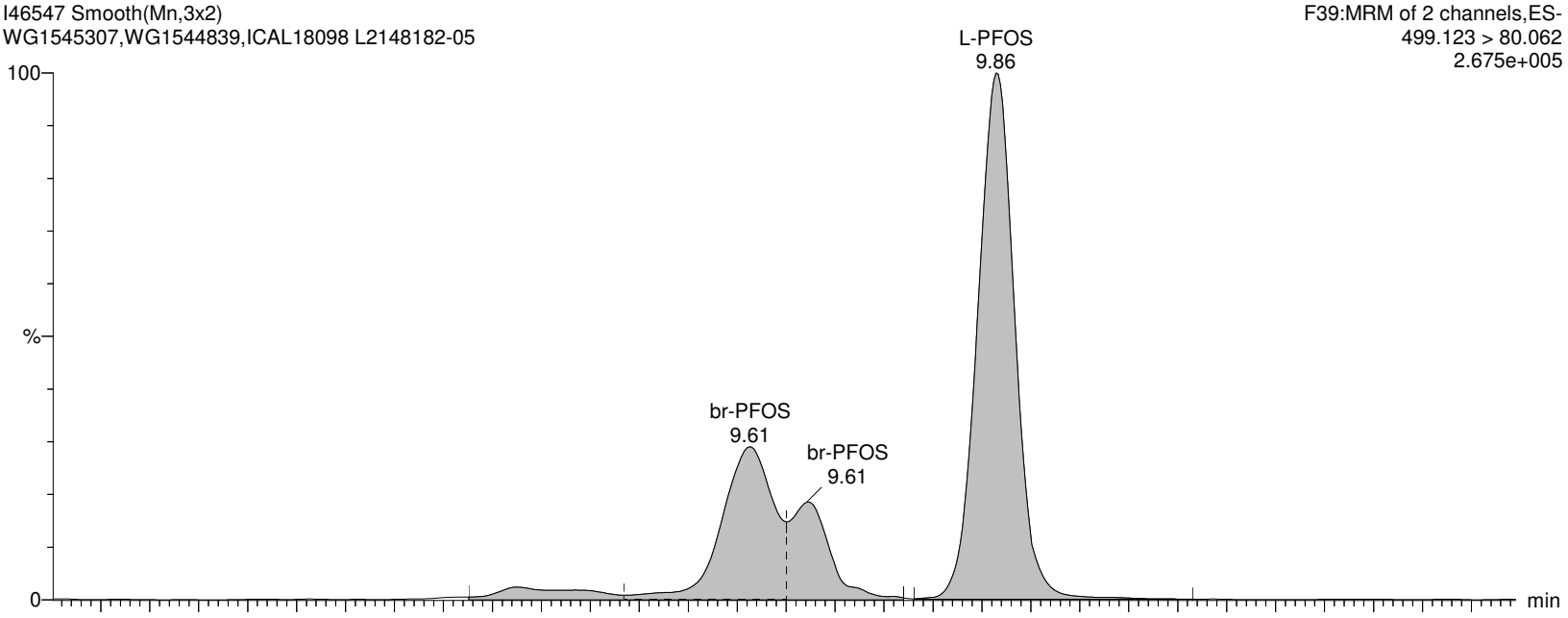


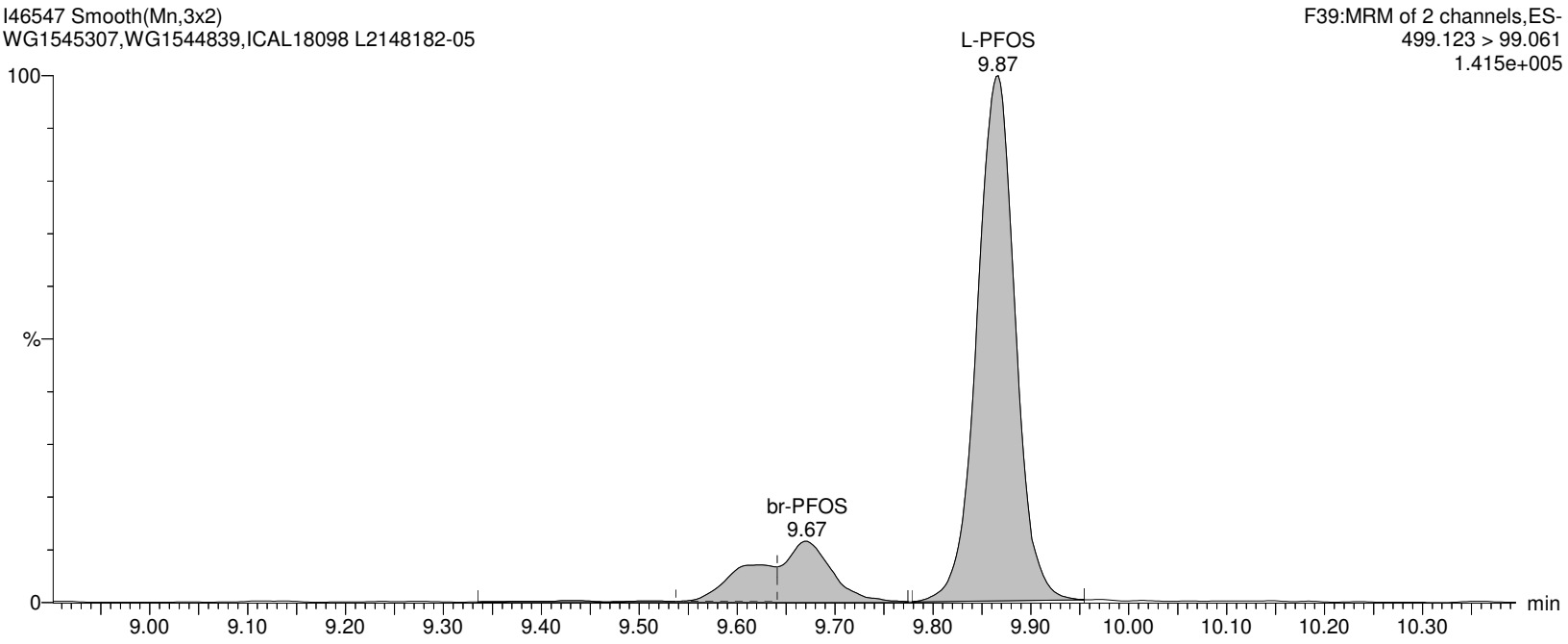
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:07 Eastern Daylight Time

Name: I46547
ID: L2148182-05
Date: 11-Sep-2021
Time: 18:54:48
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOS



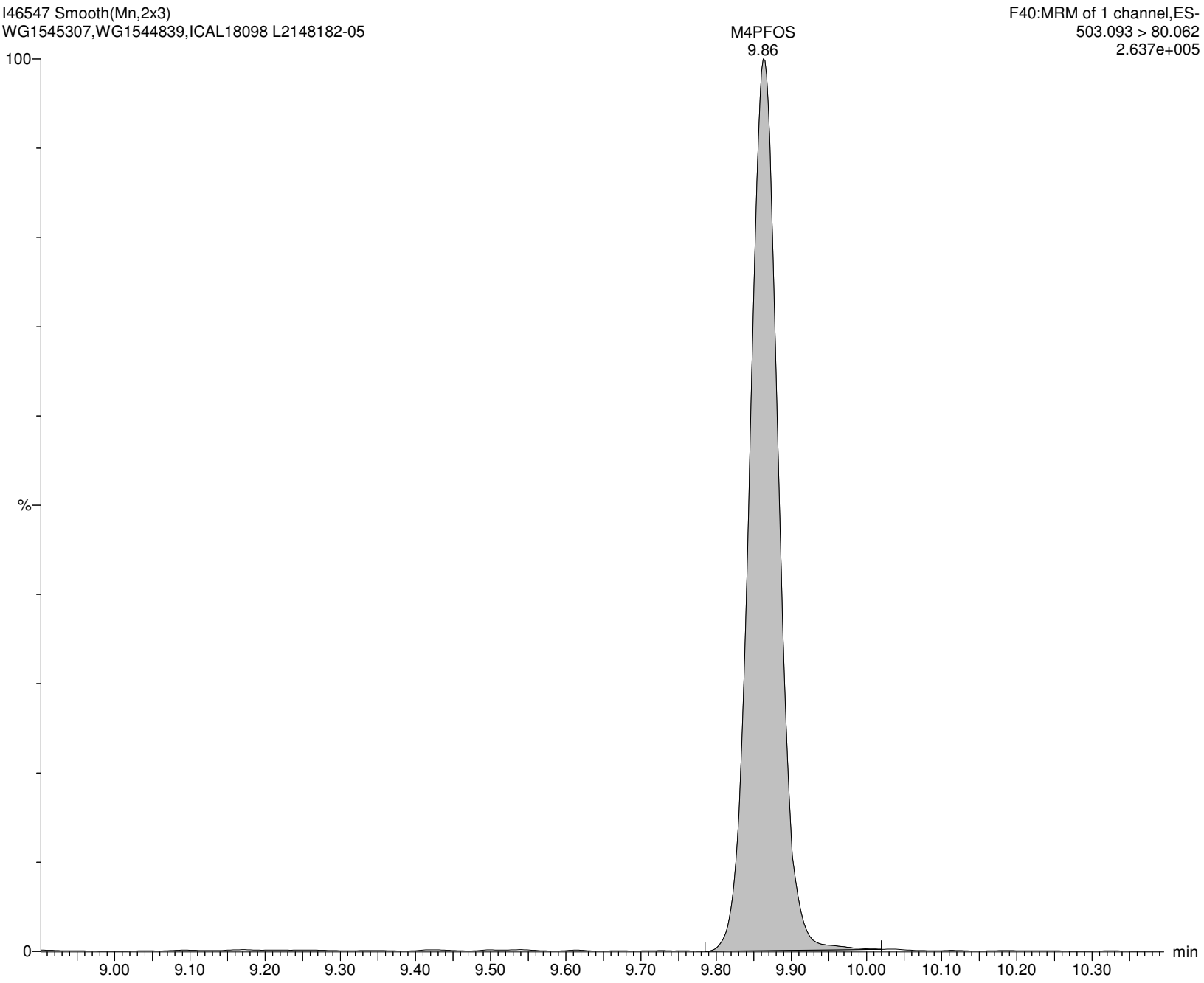


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:07 Eastern Daylight Time

Name: I46547
ID: L2148182-05
Date: 11-Sep-2021
Time: 18:54:48
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOS

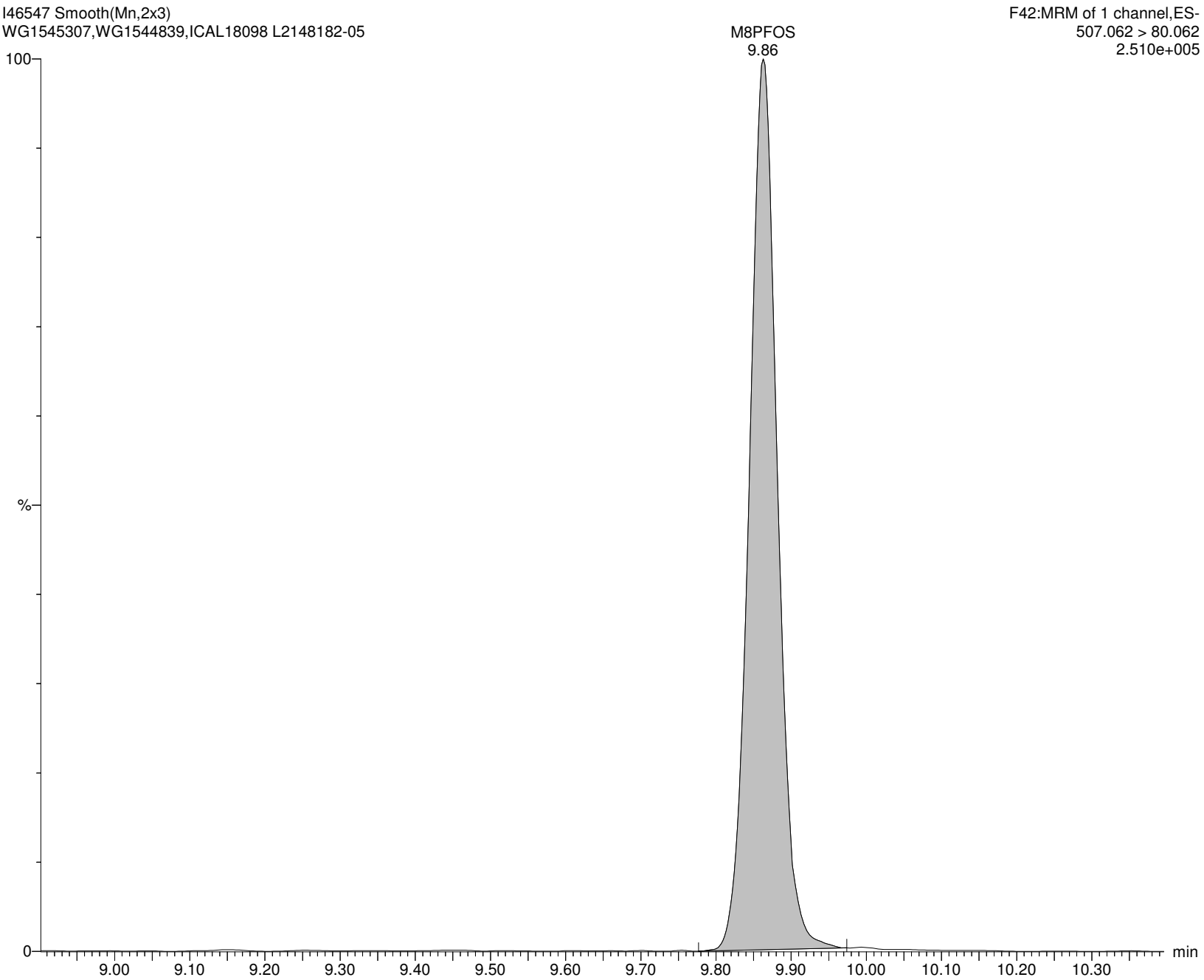


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:07 Eastern Daylight Time

Name: I46547
ID: L2148182-05
Date: 11-Sep-2021
Time: 18:54:48
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOS

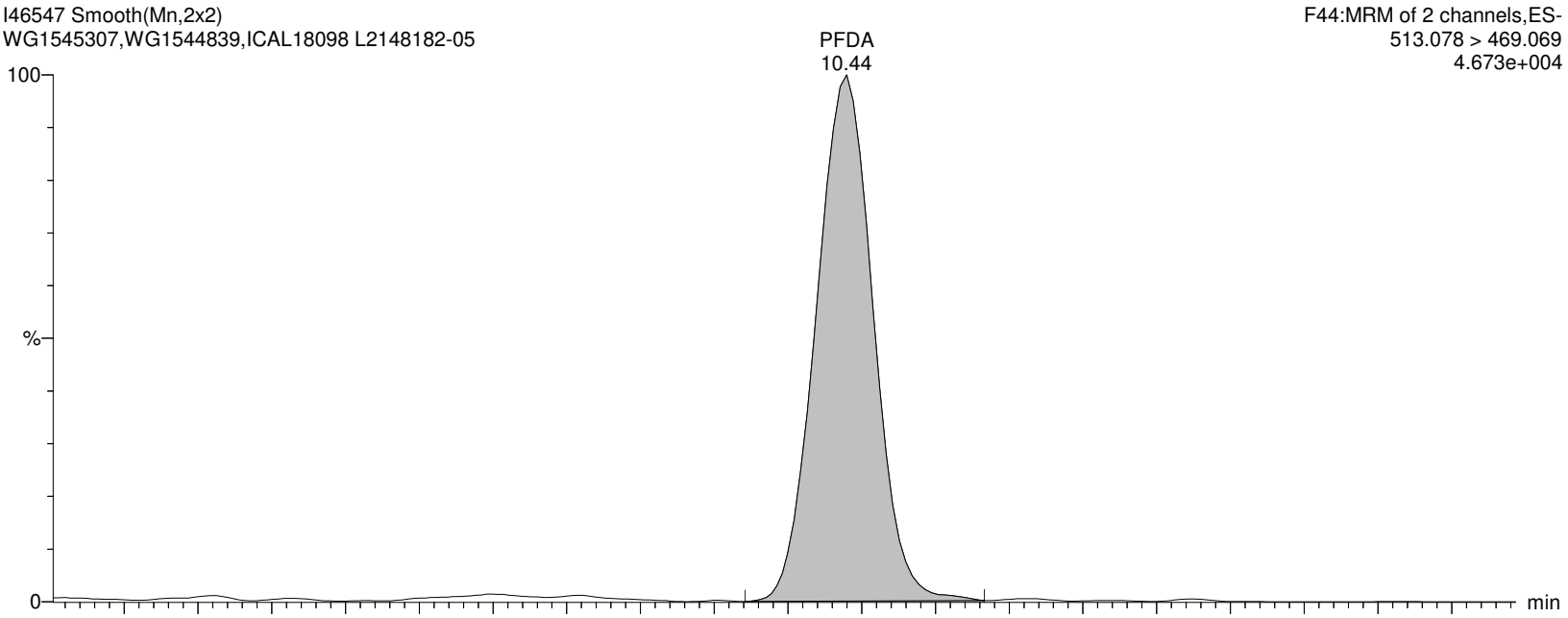


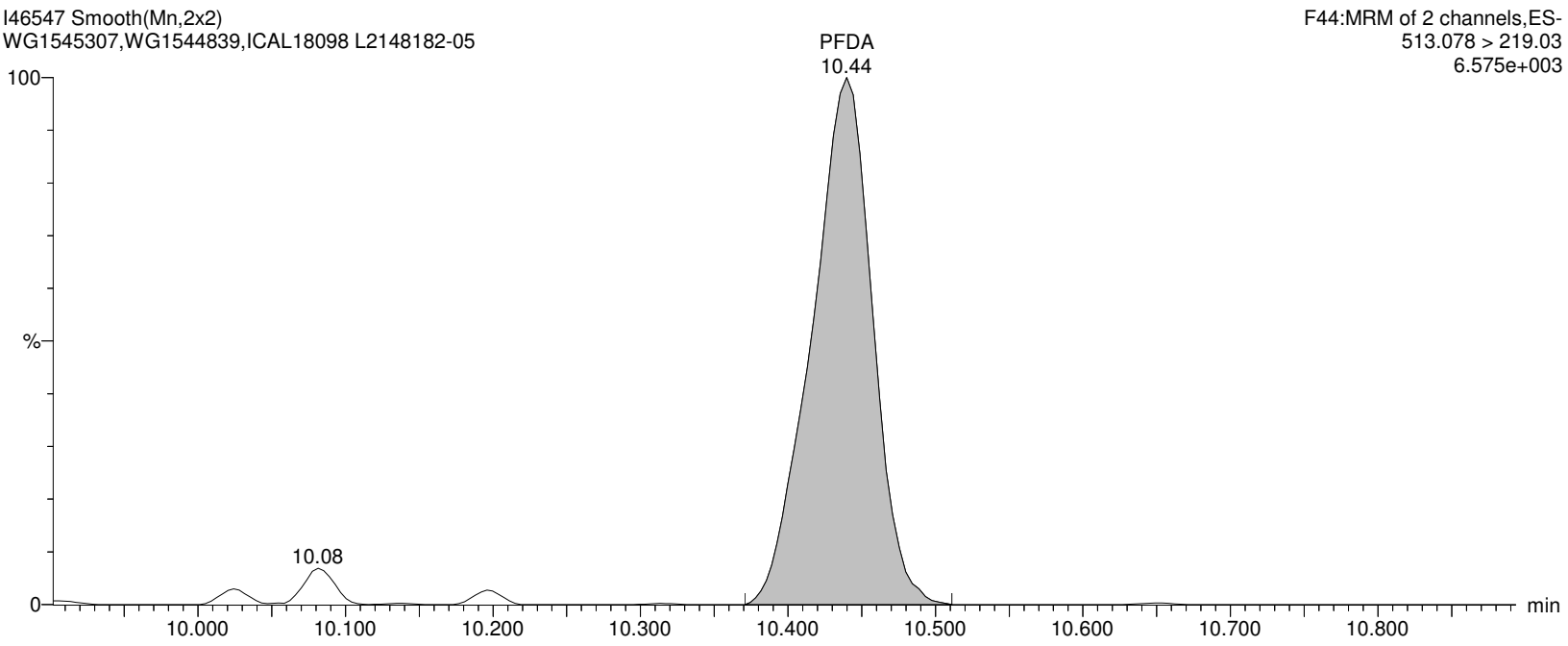
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:07 Eastern Daylight Time

Name: I46547
ID: L2148182-05
Date: 11-Sep-2021
Time: 18:54:48
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDA



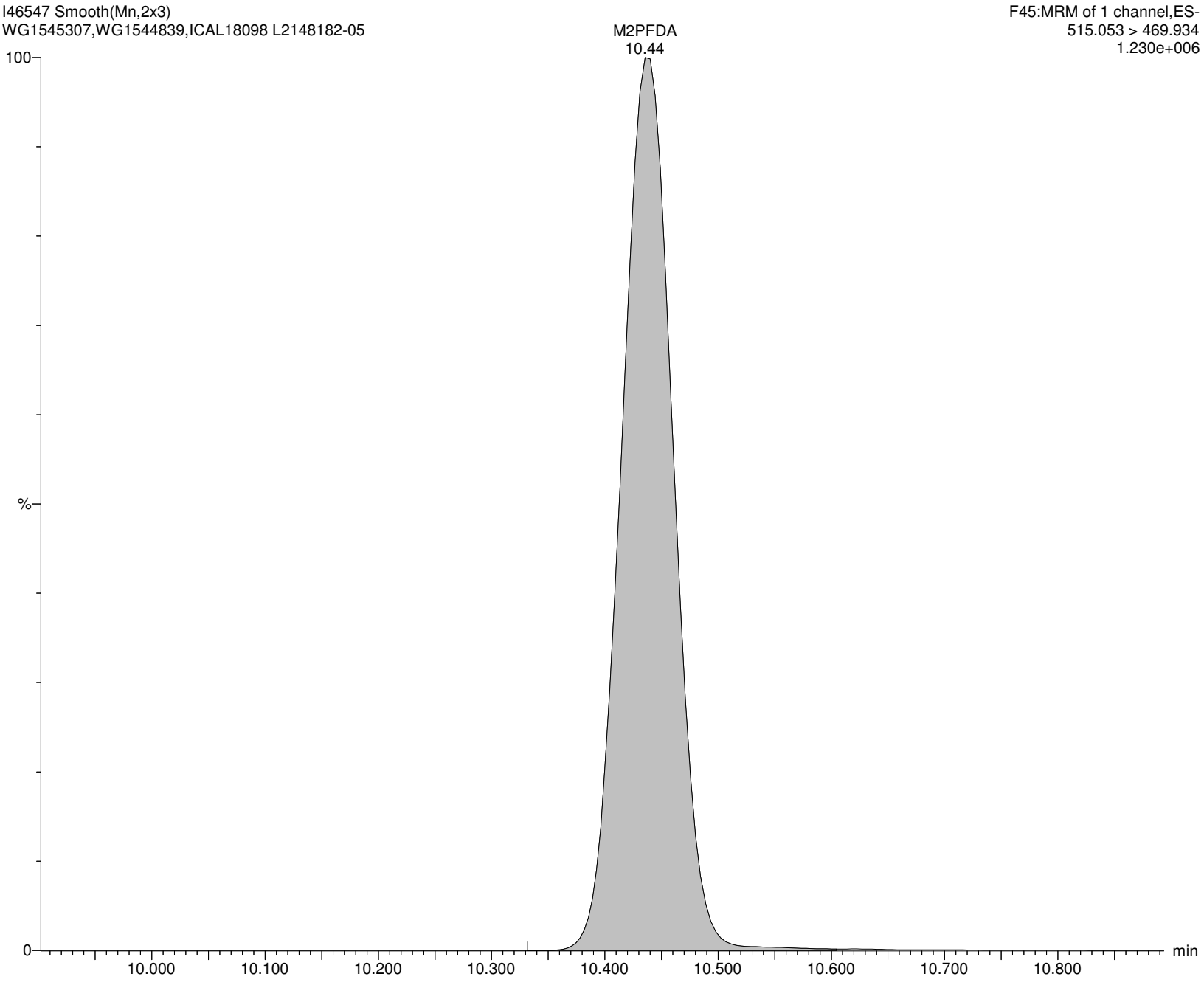


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:07 Eastern Daylight Time

Name: I46547
ID: L2148182-05
Date: 11-Sep-2021
Time: 18:54:48
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFDA

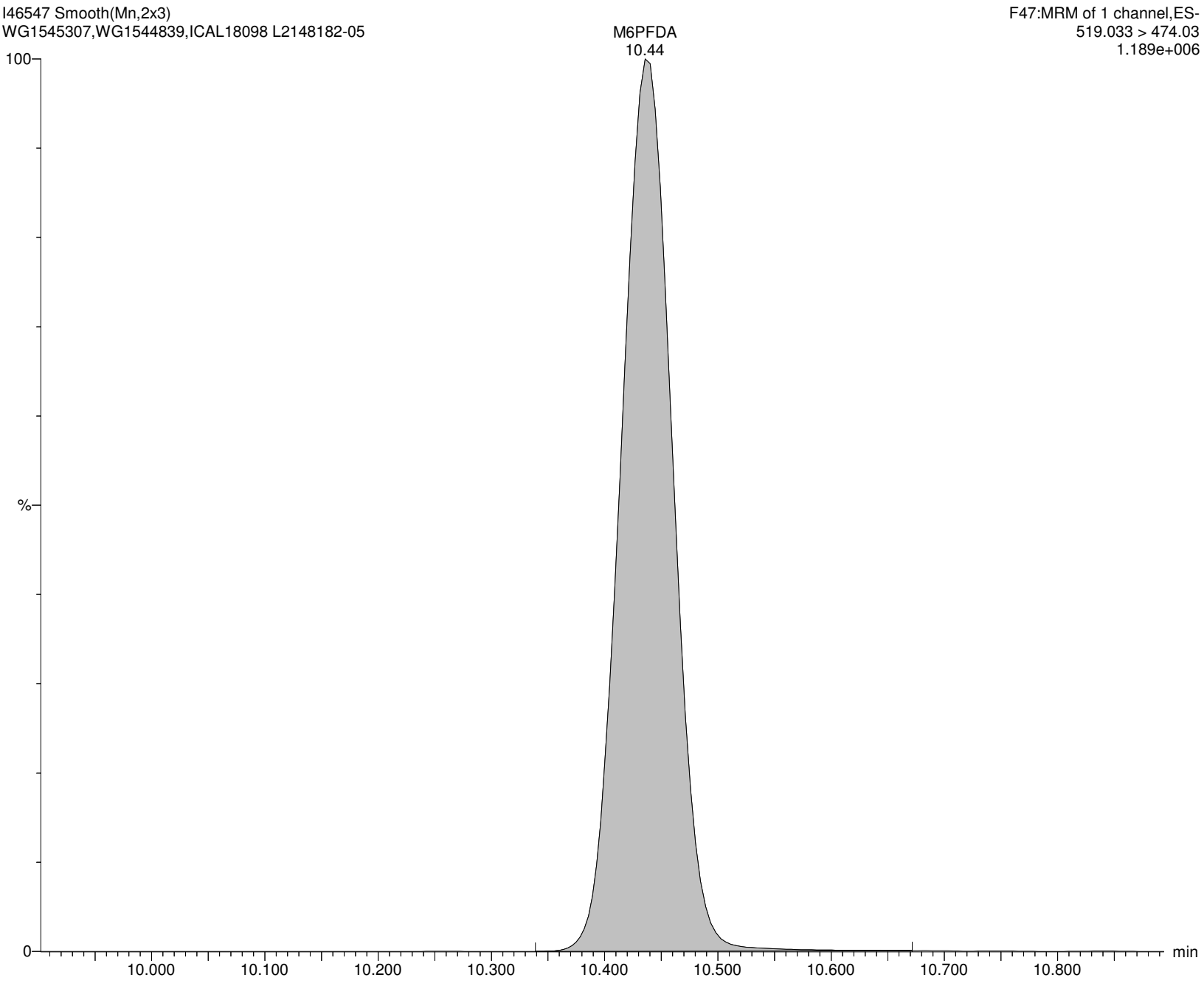


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:07 Eastern Daylight Time

Name: I46547
ID: L2148182-05
Date: 11-Sep-2021
Time: 18:54:48
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M6PFDA

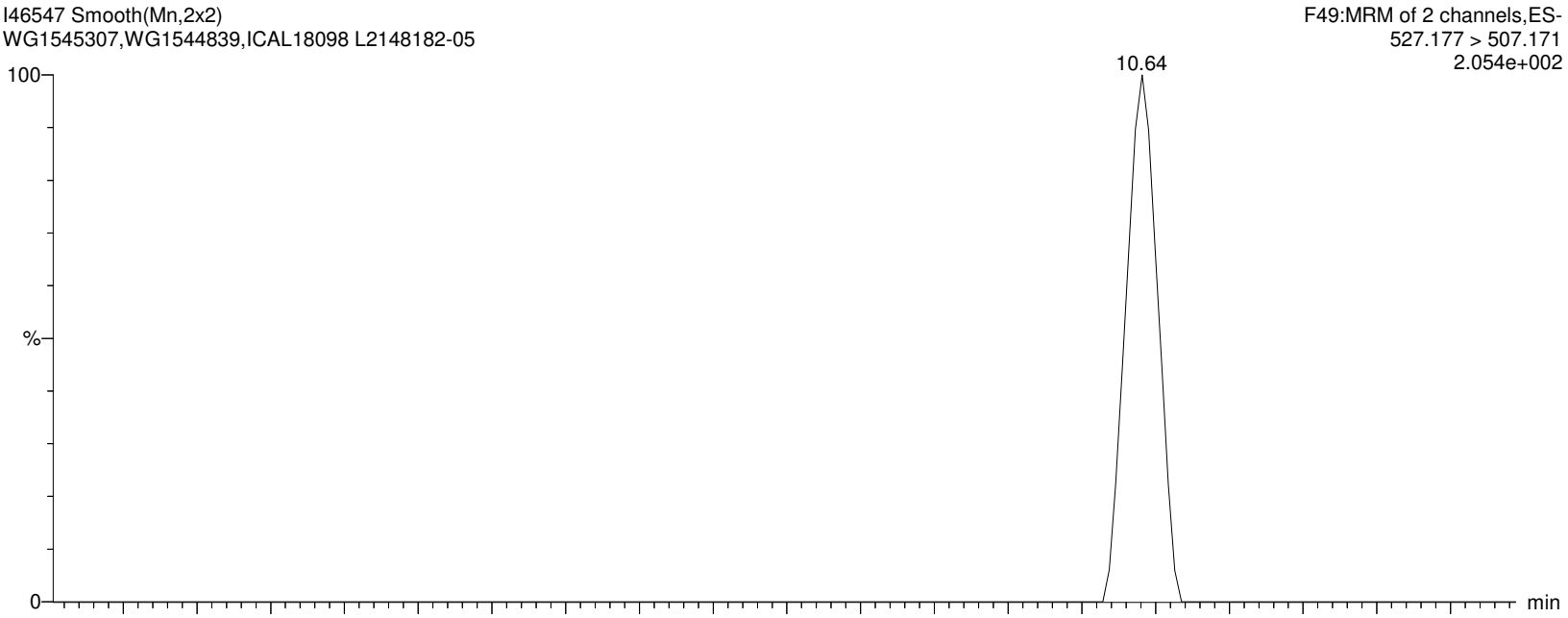


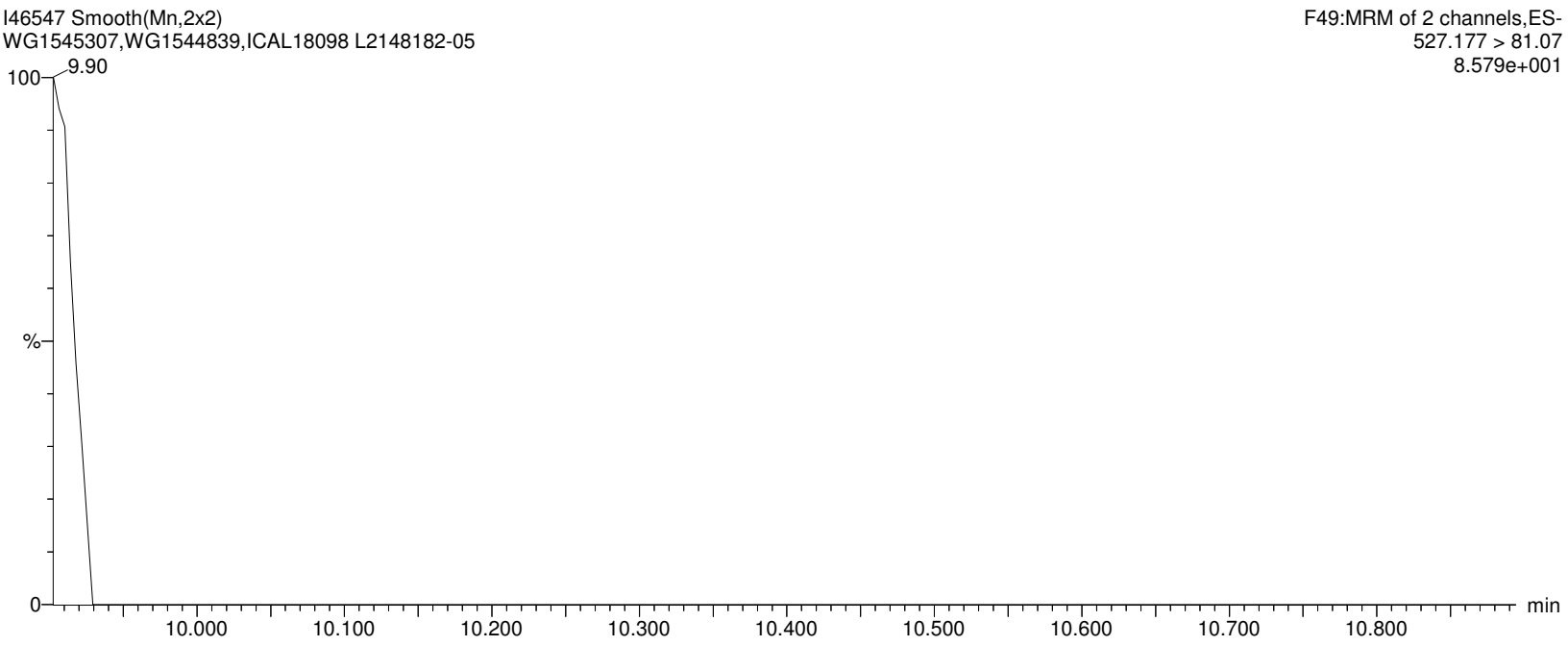
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:07 Eastern Daylight Time

Name: I46547
ID: L2148182-05
Date: 11-Sep-2021
Time: 18:54:48
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

8:2FTS



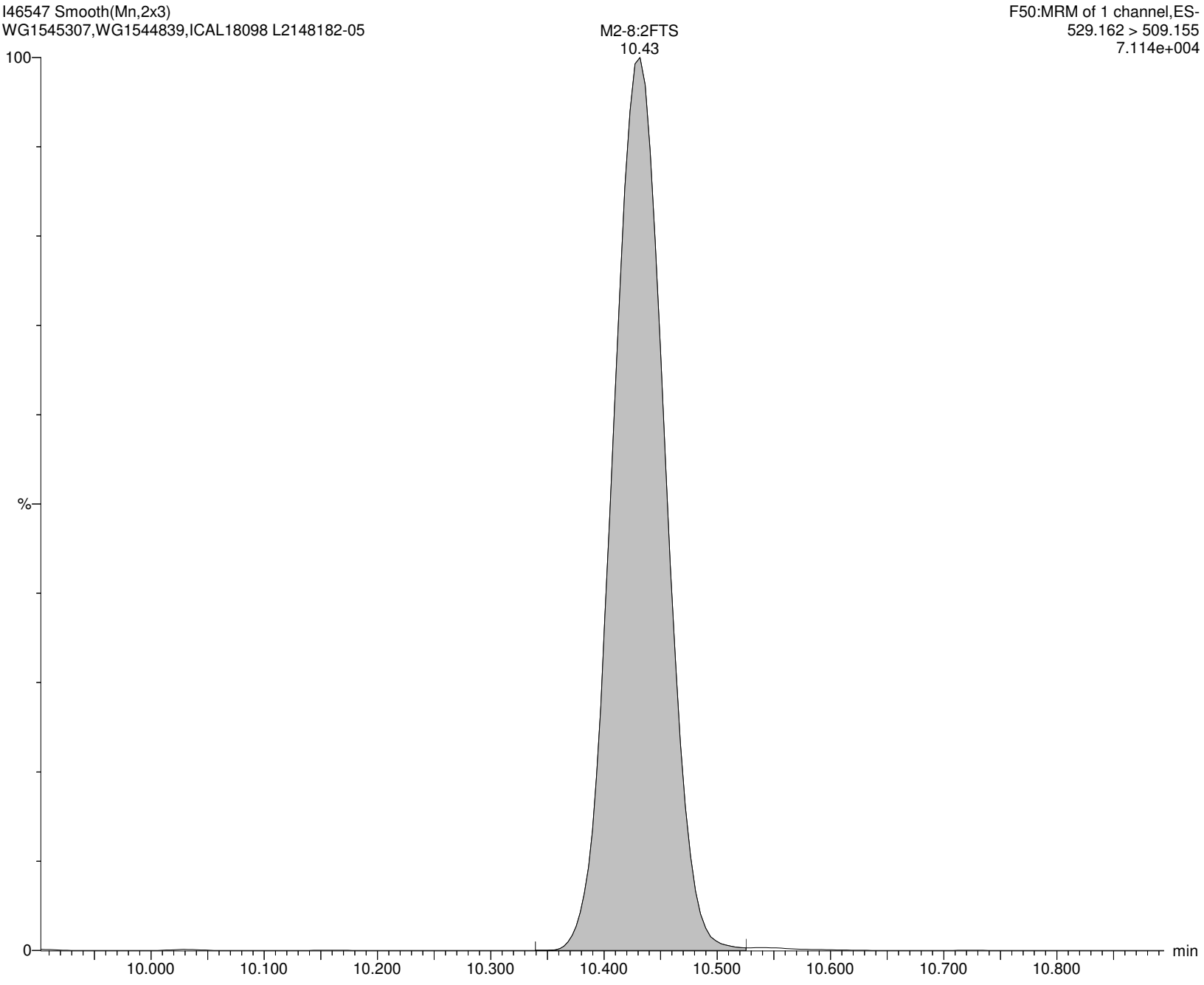


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:07 Eastern Daylight Time

Name: I46547
ID: L2148182-05
Date: 11-Sep-2021
Time: 18:54:48
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-8:2FTS

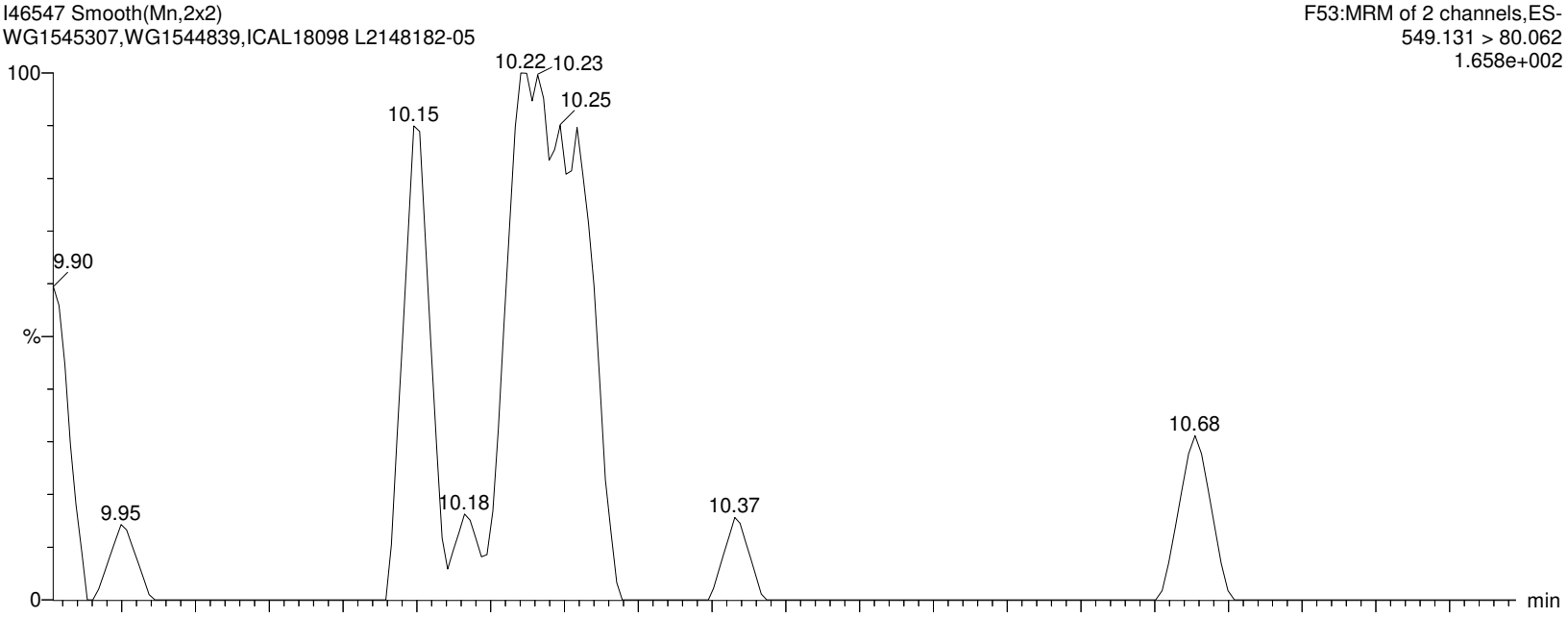


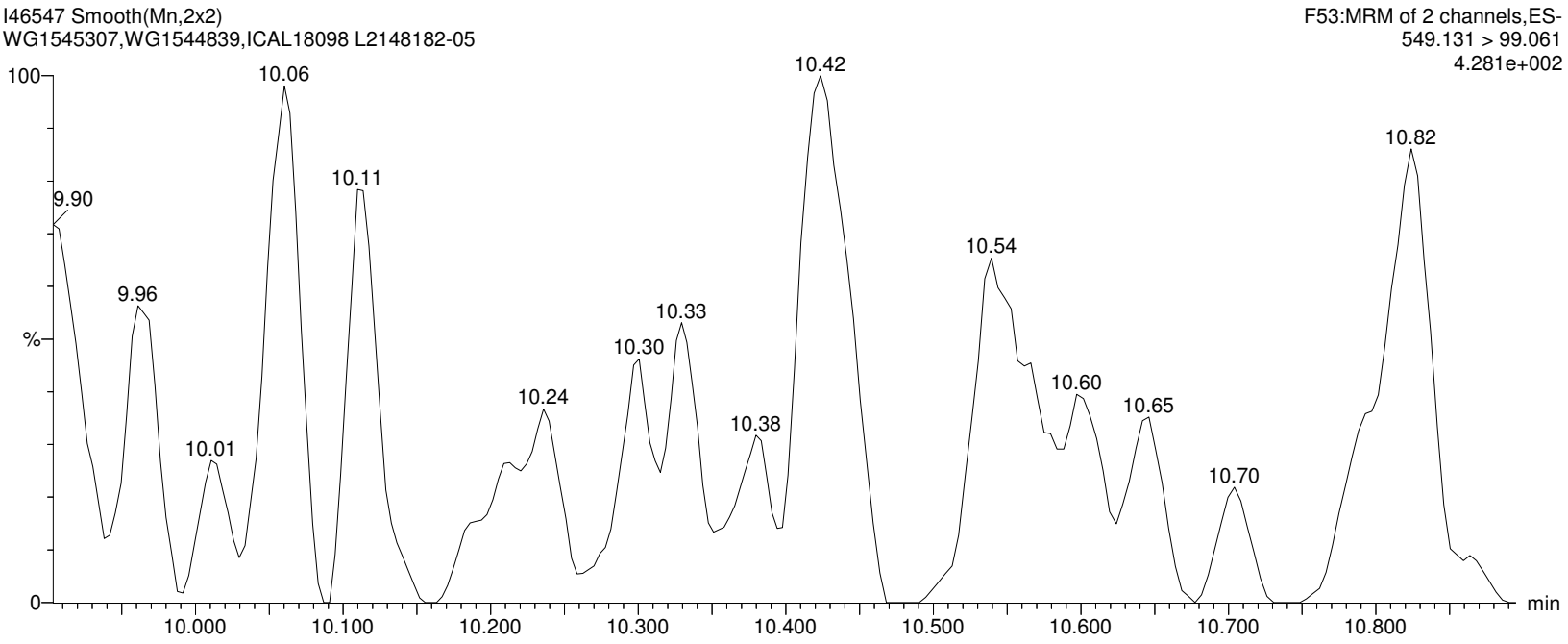
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:07 Eastern Daylight Time

Name: I46547
ID: L2148182-05
Date: 11-Sep-2021
Time: 18:54:48
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNS



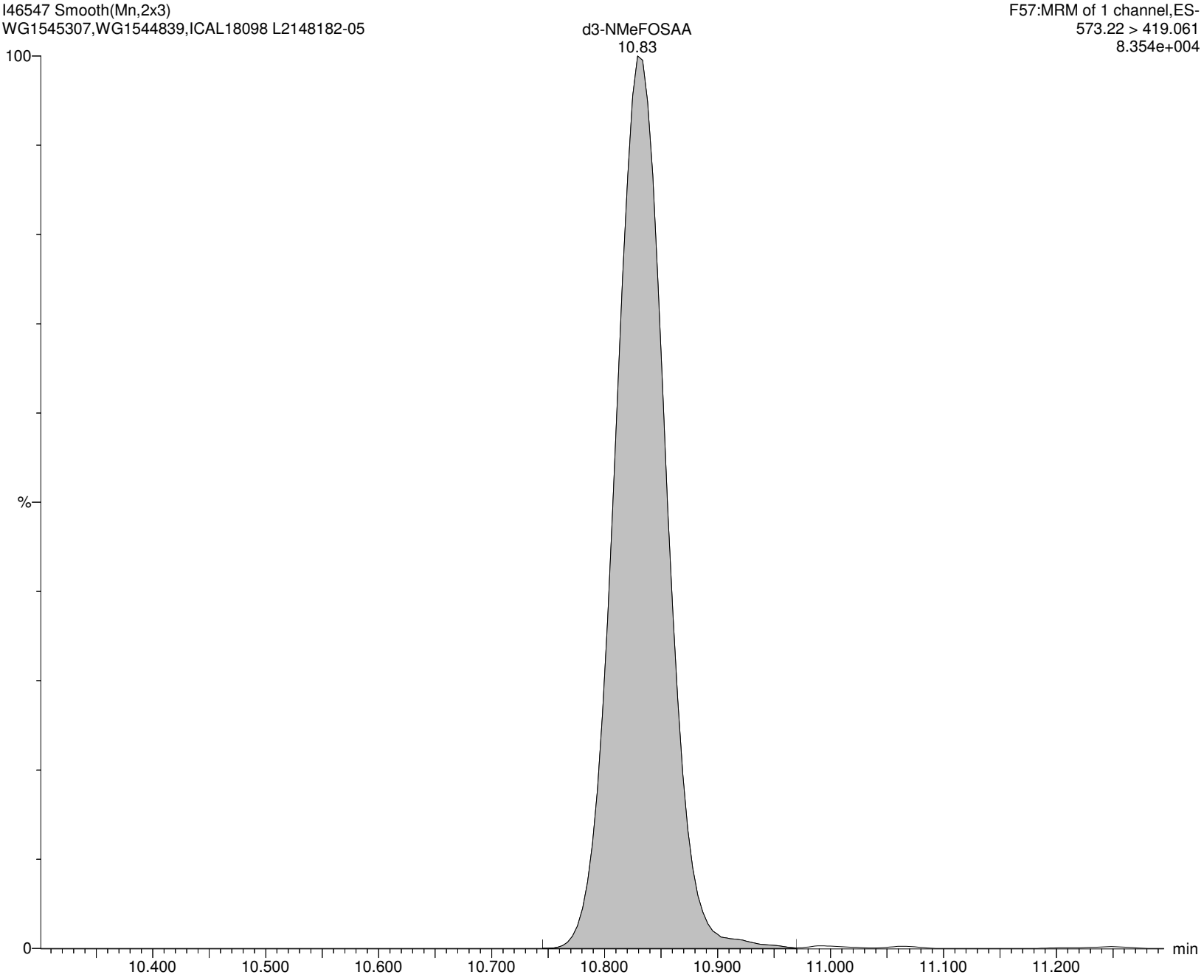


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:07 Eastern Daylight Time

Name: I46547
ID: L2148182-05
Date: 11-Sep-2021
Time: 18:54:48
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSAA

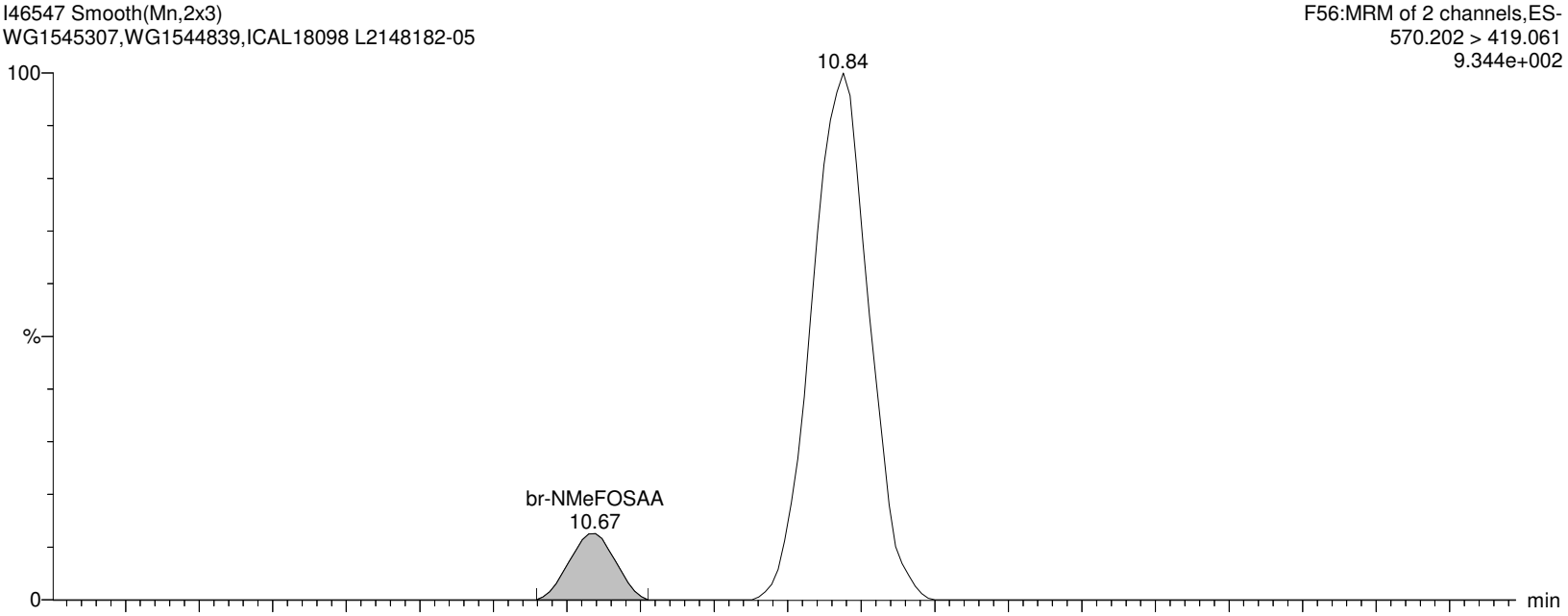


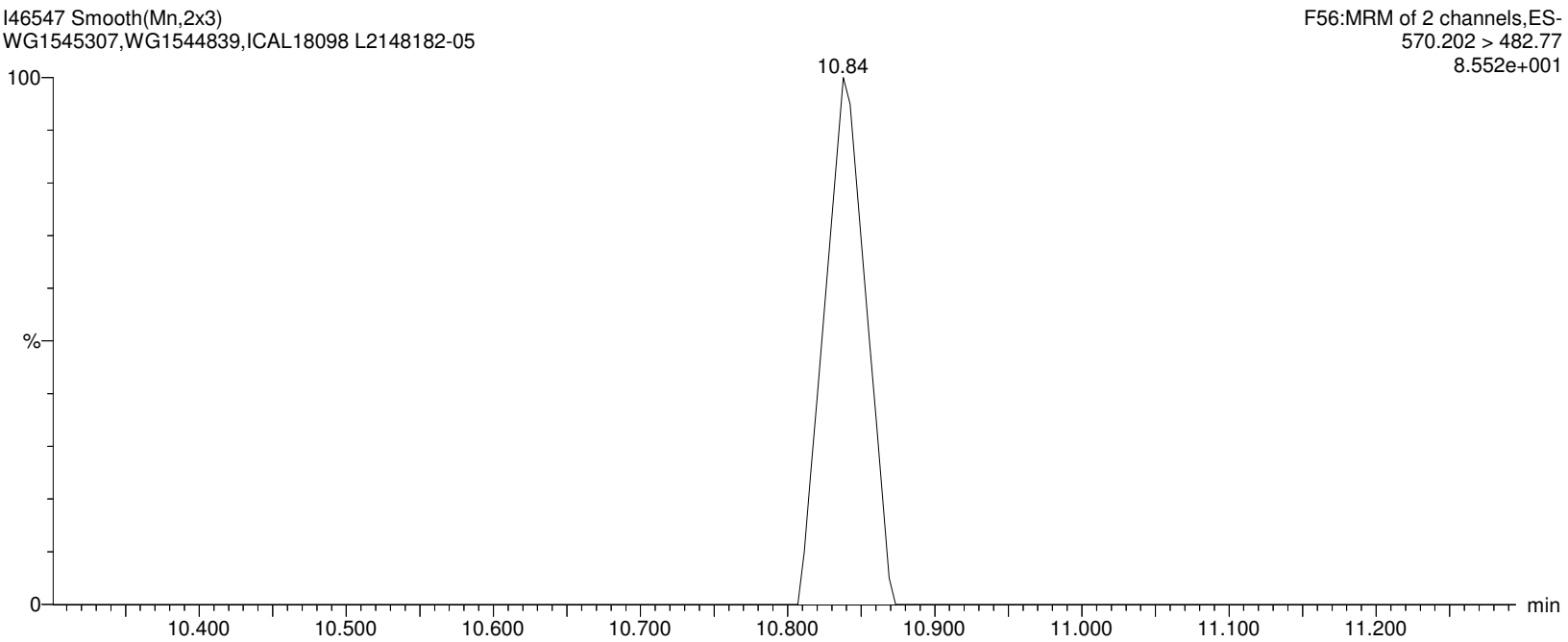
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:07 Eastern Daylight Time

Name: I46547
ID: L2148182-05
Date: 11-Sep-2021
Time: 18:54:48
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NMeFOSAA



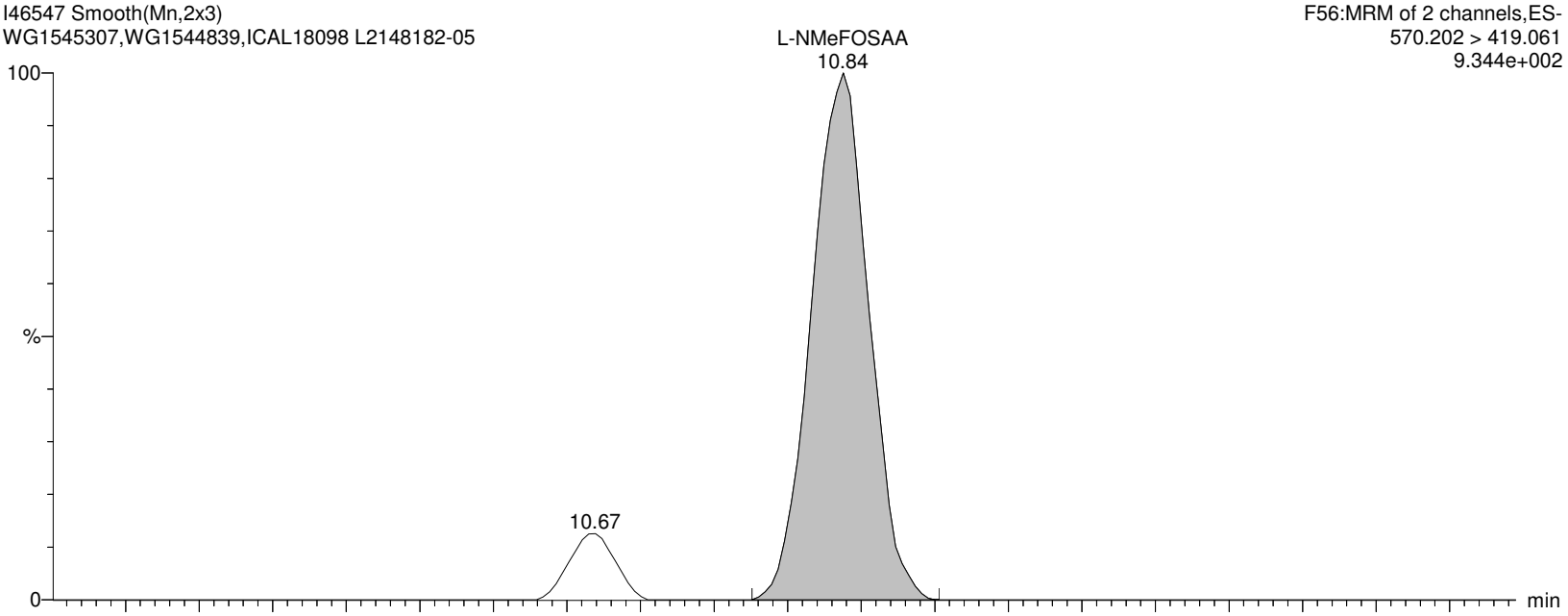


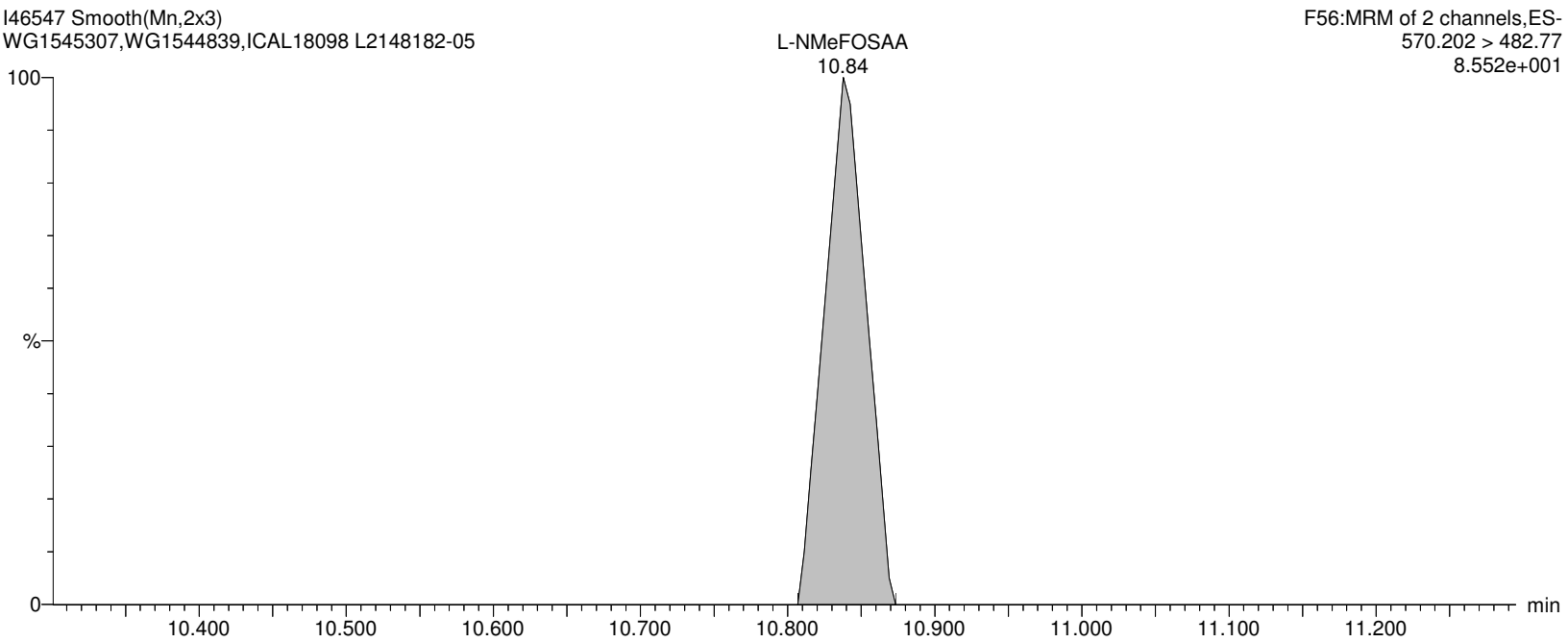
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:07 Eastern Daylight Time

Name: I46547
ID: L2148182-05
Date: 11-Sep-2021
Time: 18:54:48
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NMeFOSAA



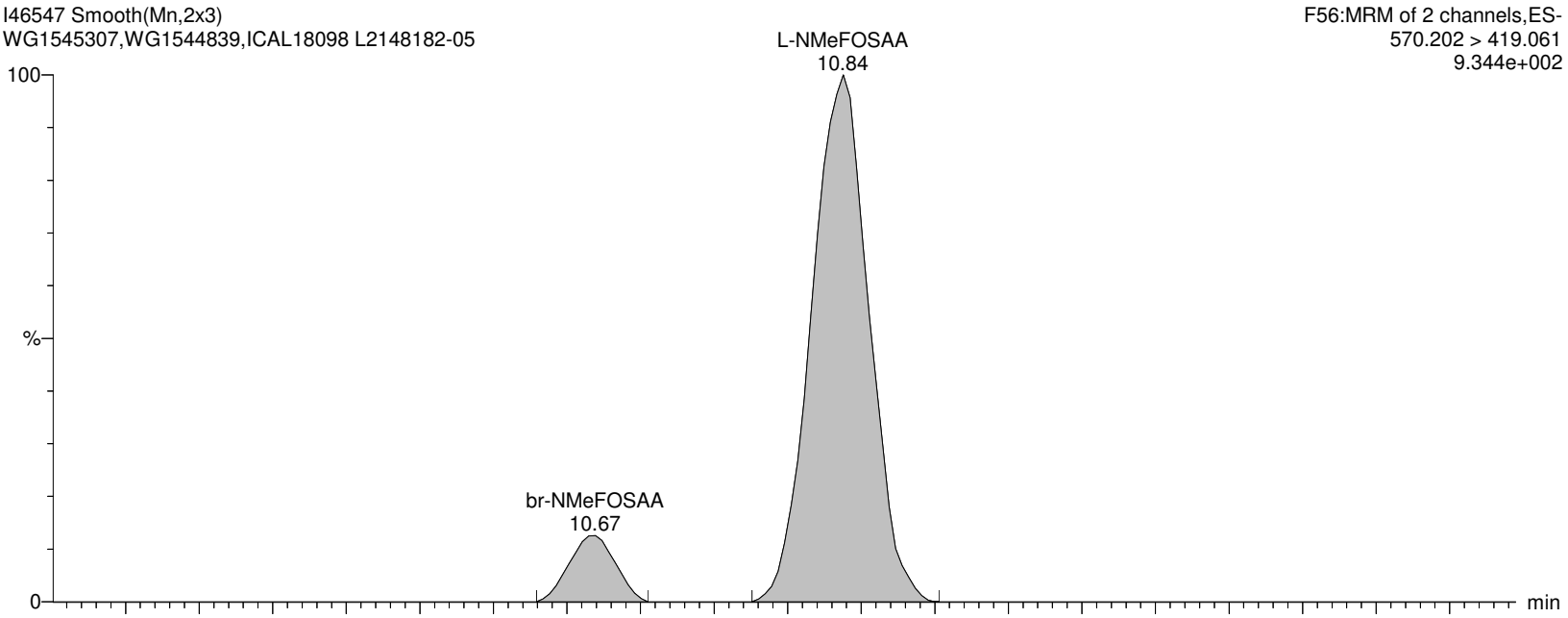


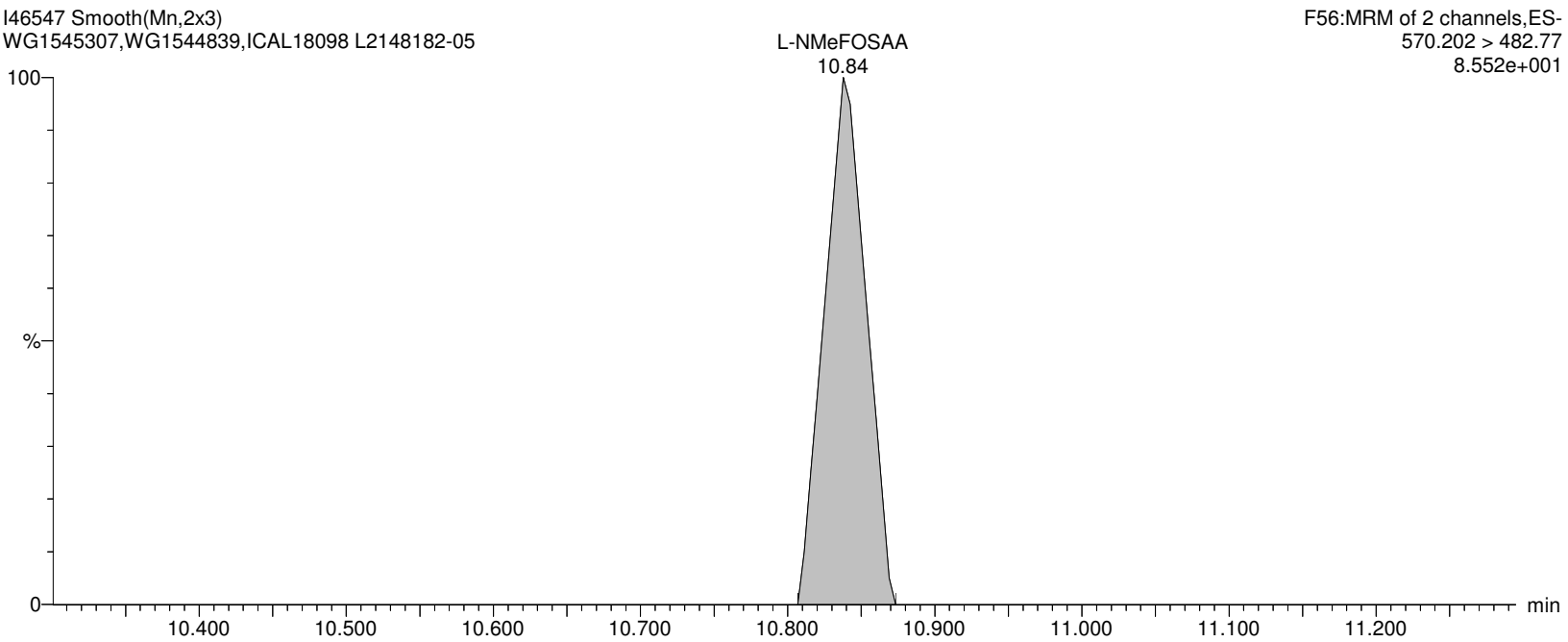
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:07 Eastern Daylight Time

Name: I46547
ID: L2148182-05
Date: 11-Sep-2021
Time: 18:54:48
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSAA



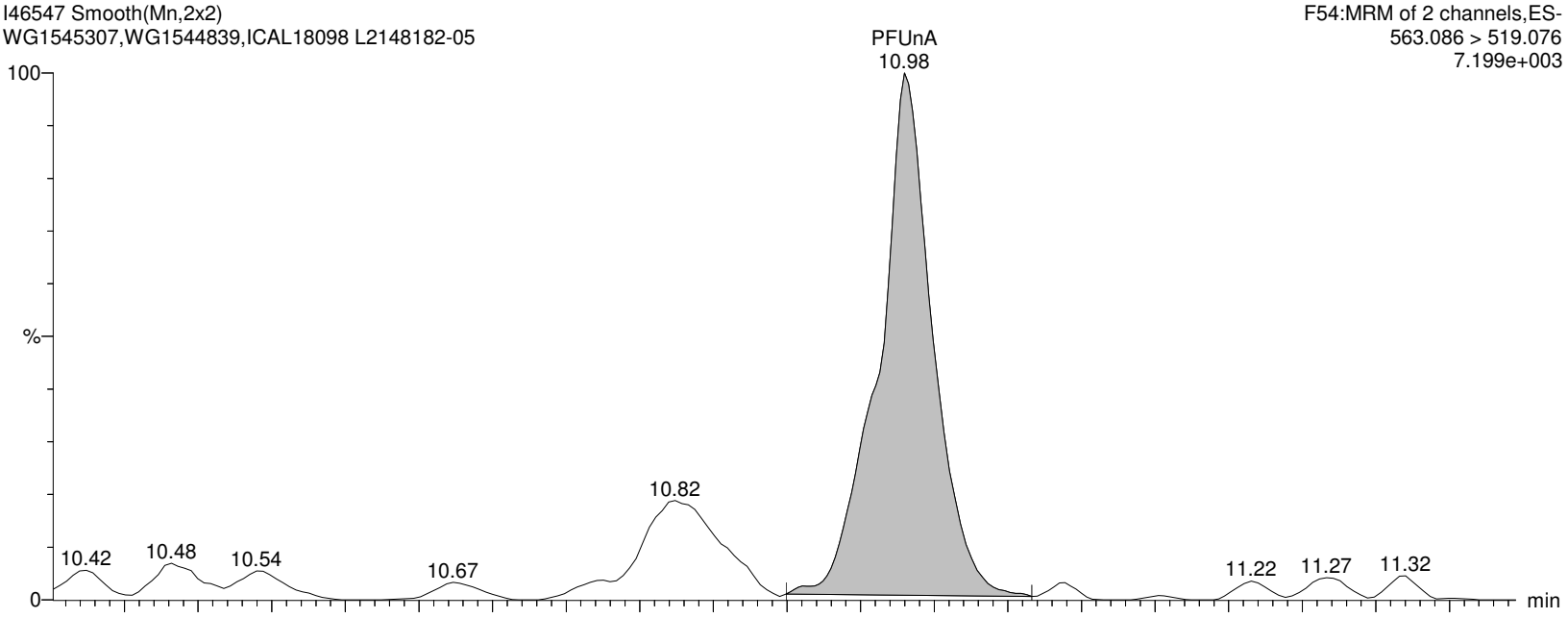


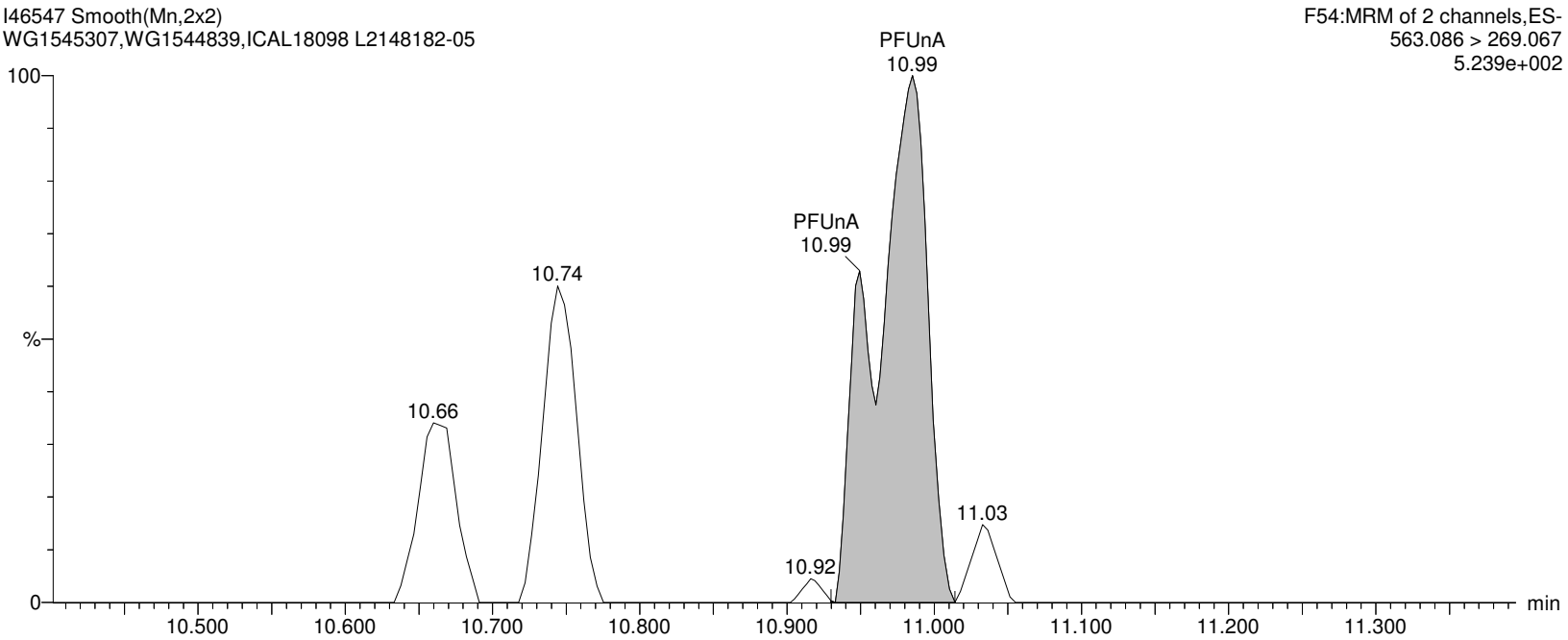
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:07 Eastern Daylight Time

Name: I46547
ID: L2148182-05
Date: 11-Sep-2021
Time: 18:54:48
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFUnA



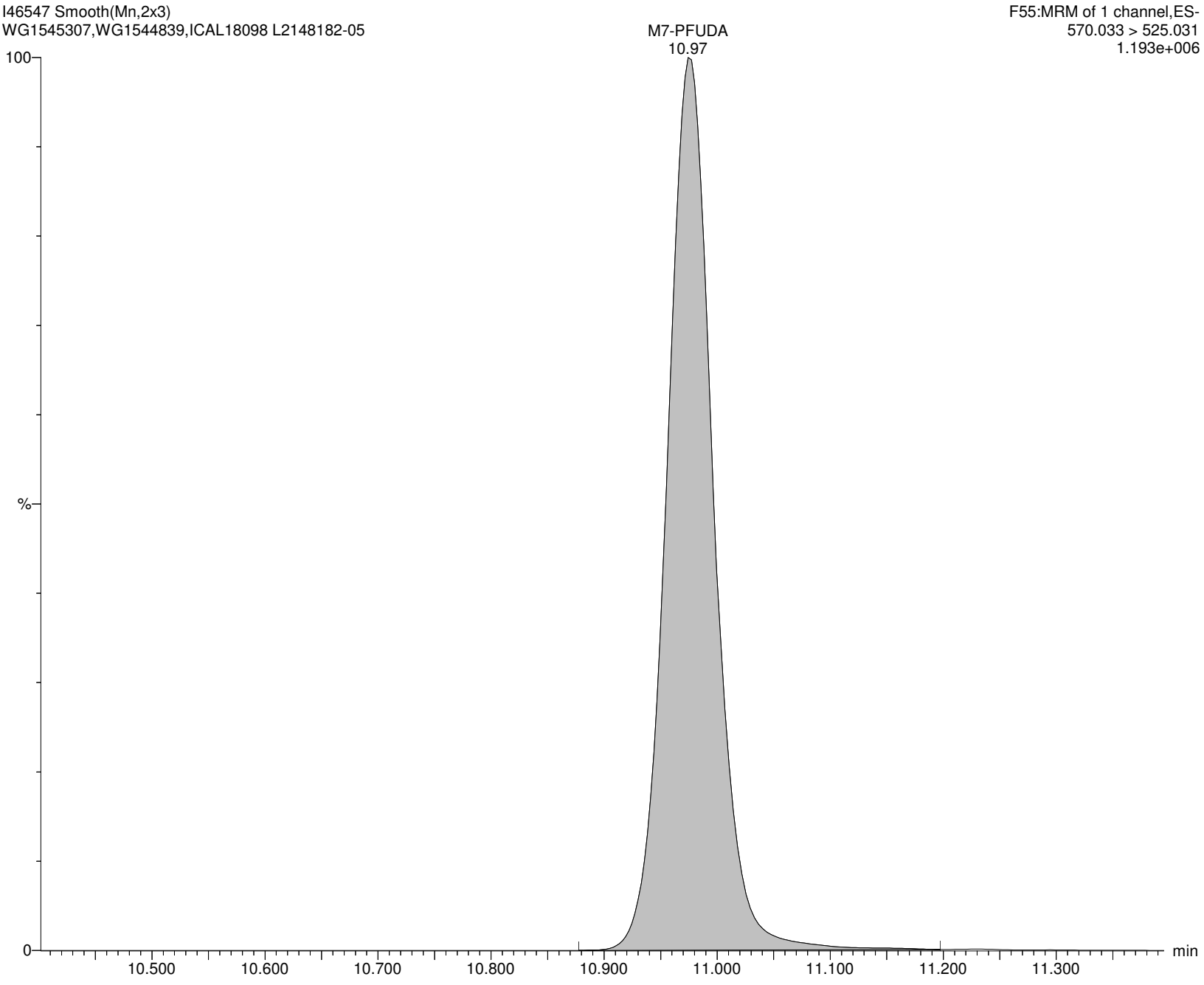


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:07 Eastern Daylight Time

Name: I46547
ID: L2148182-05
Date: 11-Sep-2021
Time: 18:54:48
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M7-PFUDA

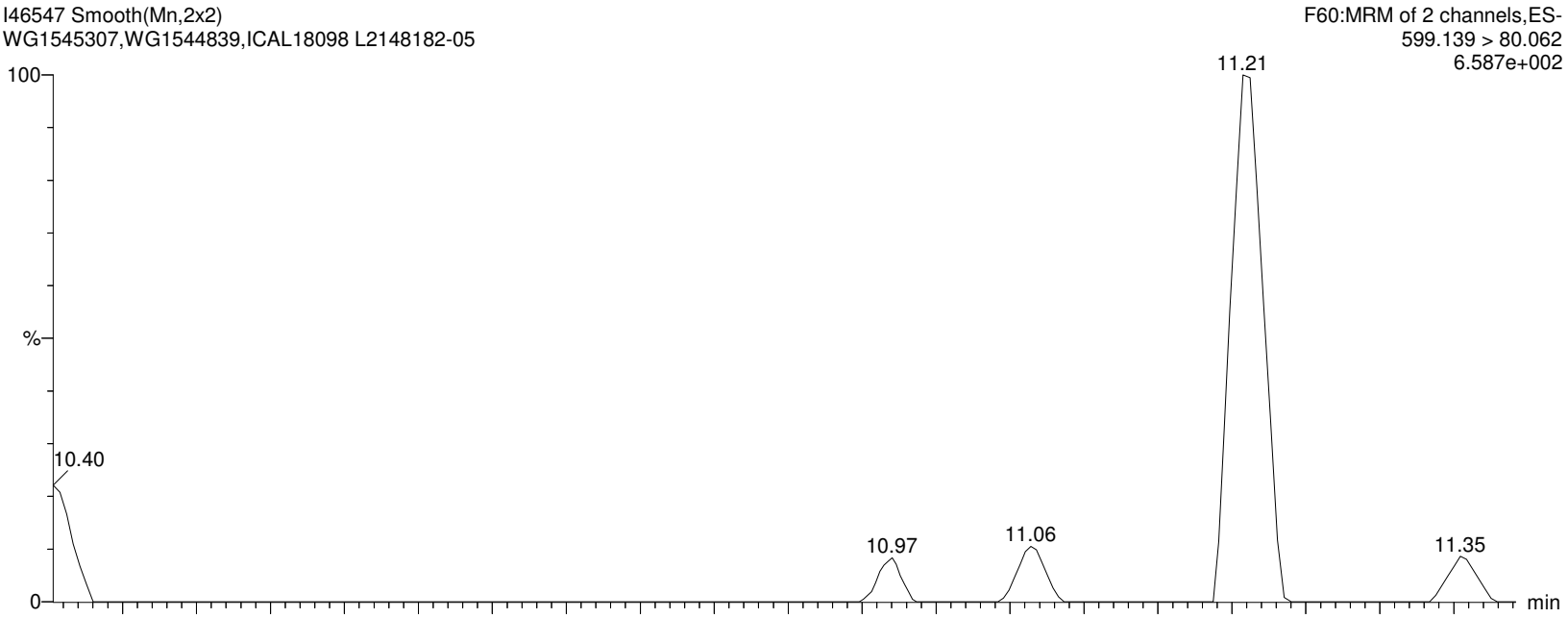


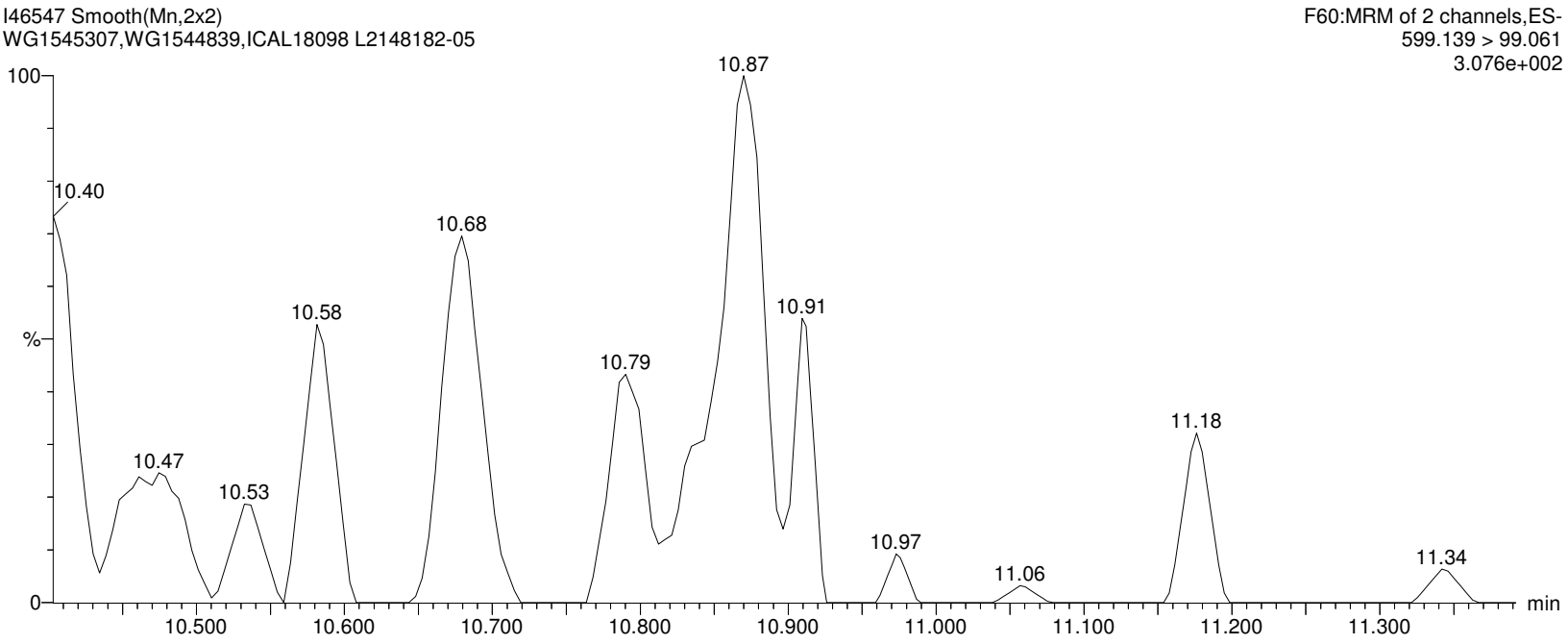
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:07 Eastern Daylight Time

Name: I46547
ID: L2148182-05
Date: 11-Sep-2021
Time: 18:54:48
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDS



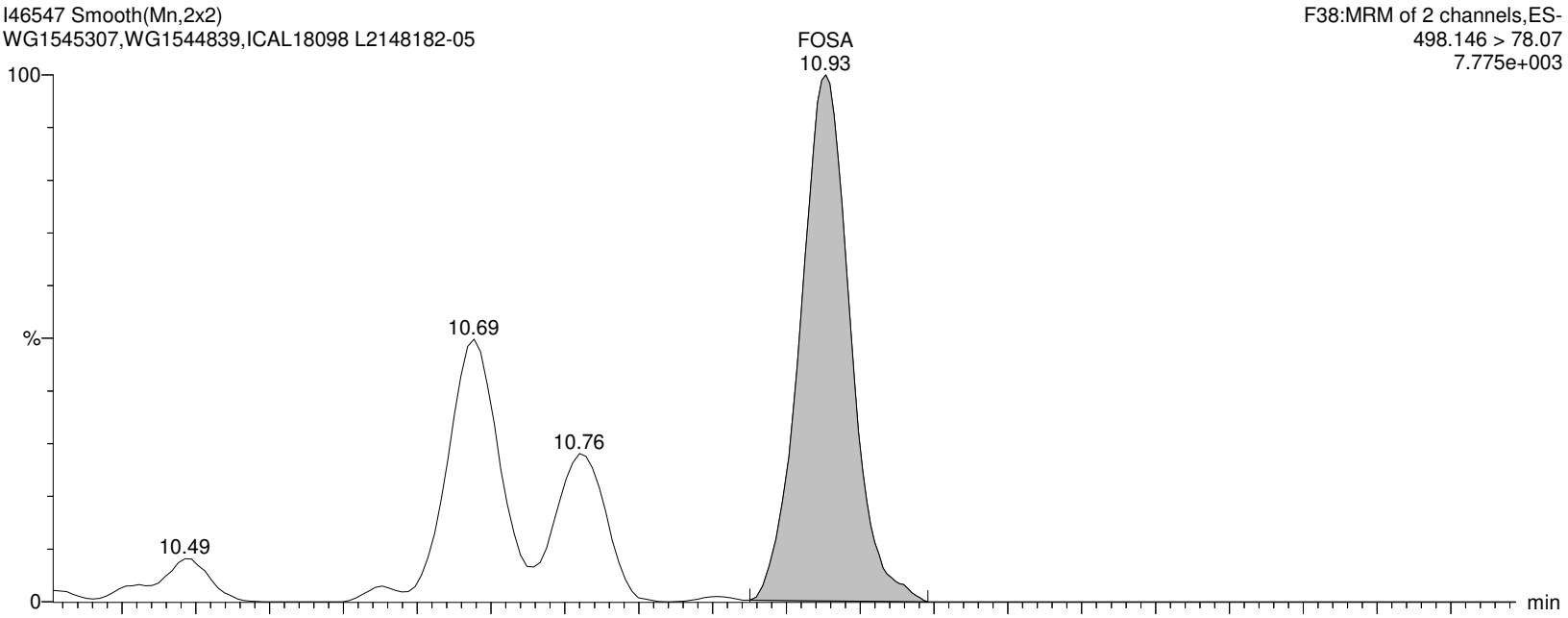


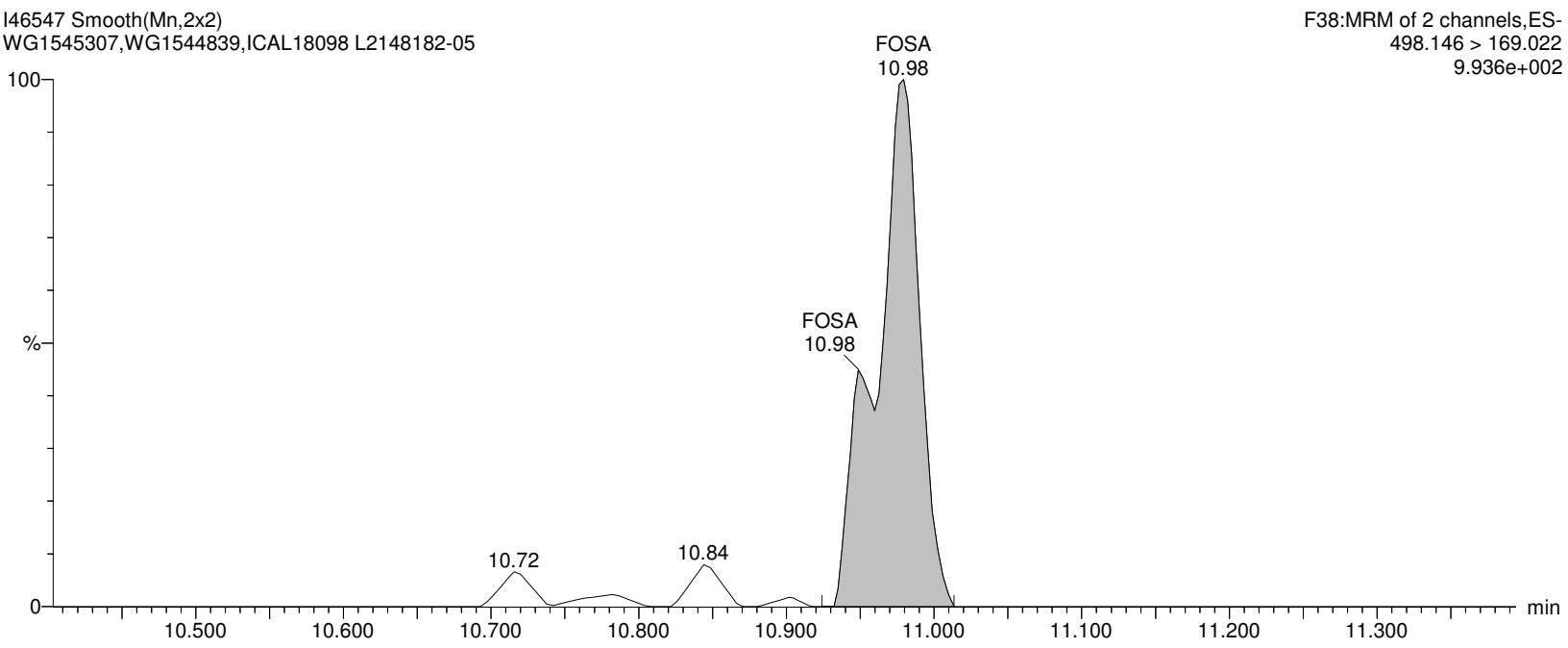
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:07 Eastern Daylight Time

Name: I46547
ID: L2148182-05
Date: 11-Sep-2021
Time: 18:54:48
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

FOSA



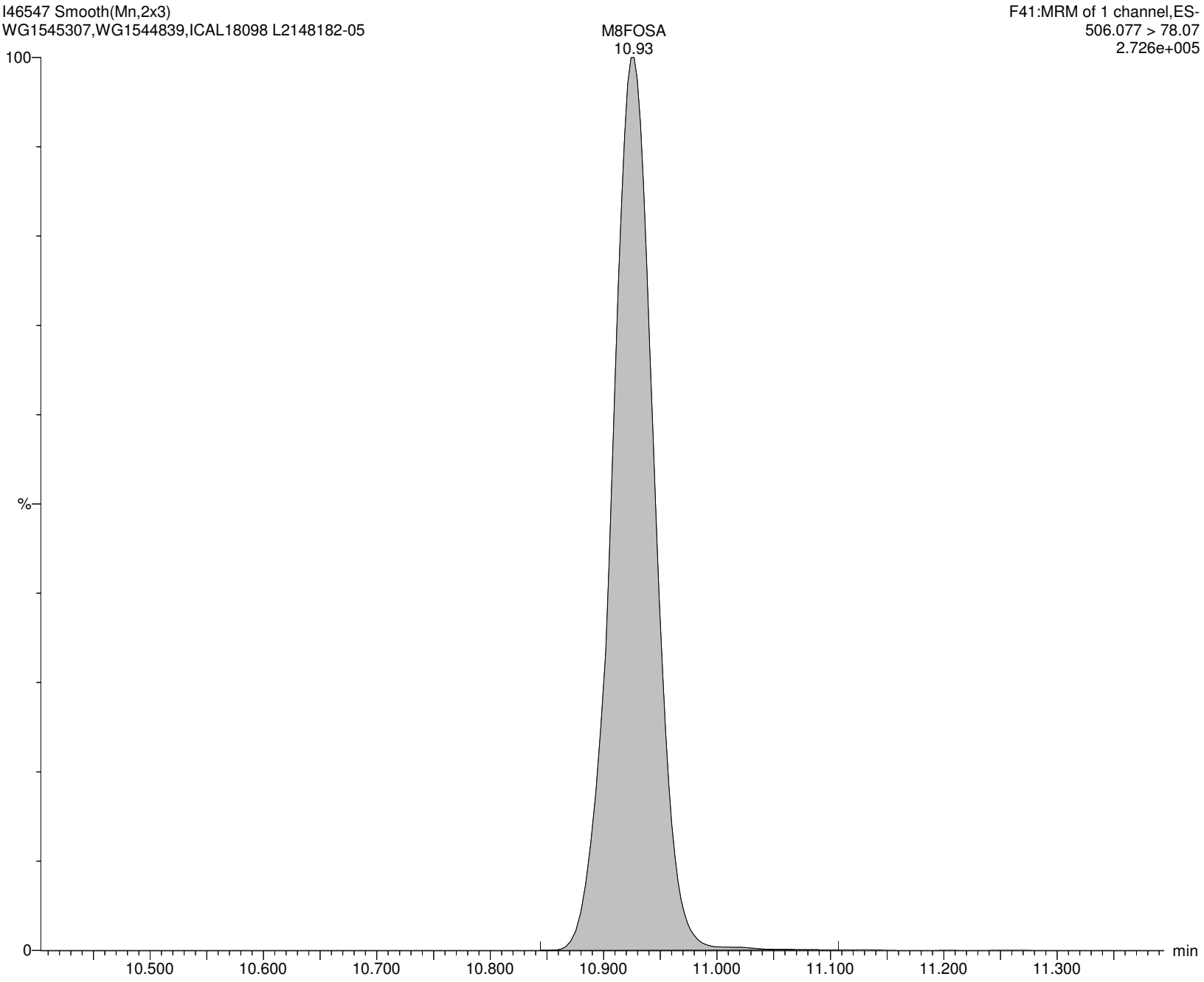


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:07 Eastern Daylight Time

Name: I46547
ID: L2148182-05
Date: 11-Sep-2021
Time: 18:54:48
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8FOSA

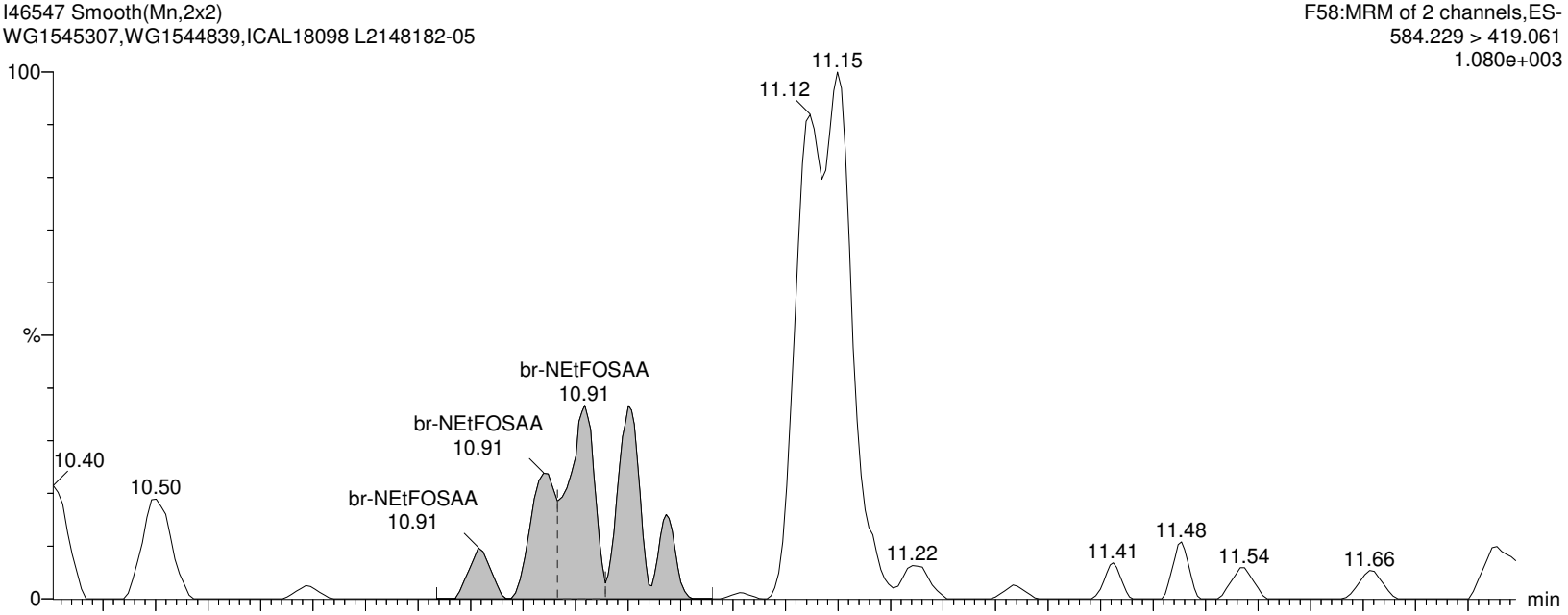


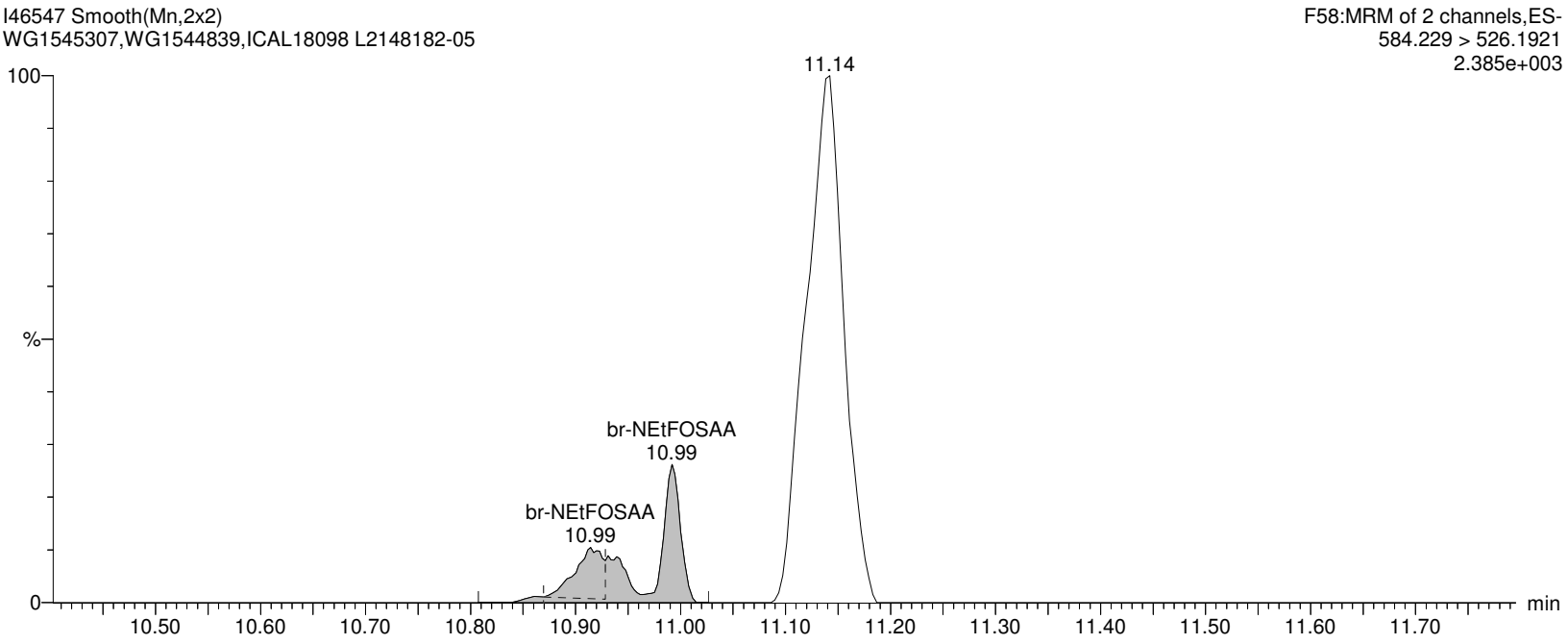
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:07 Eastern Daylight Time

Name: I46547
ID: L2148182-05
Date: 11-Sep-2021
Time: 18:54:48
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NEtFOSAA



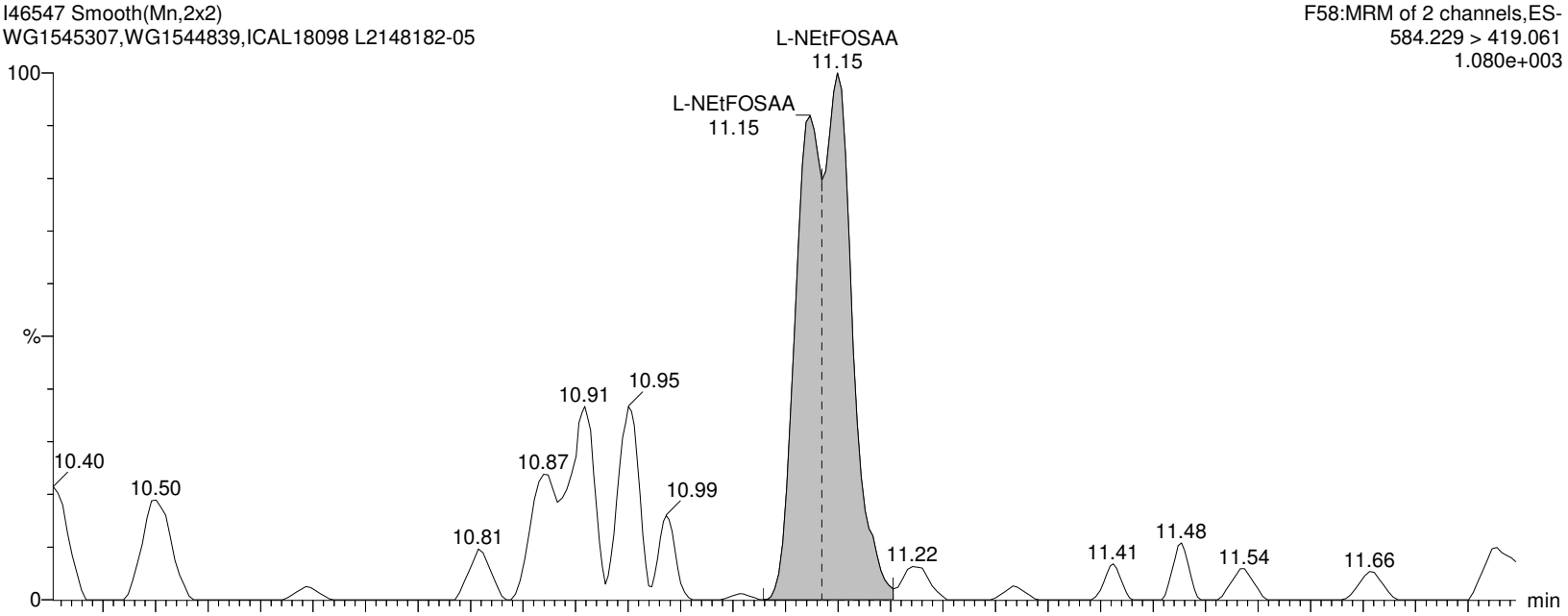


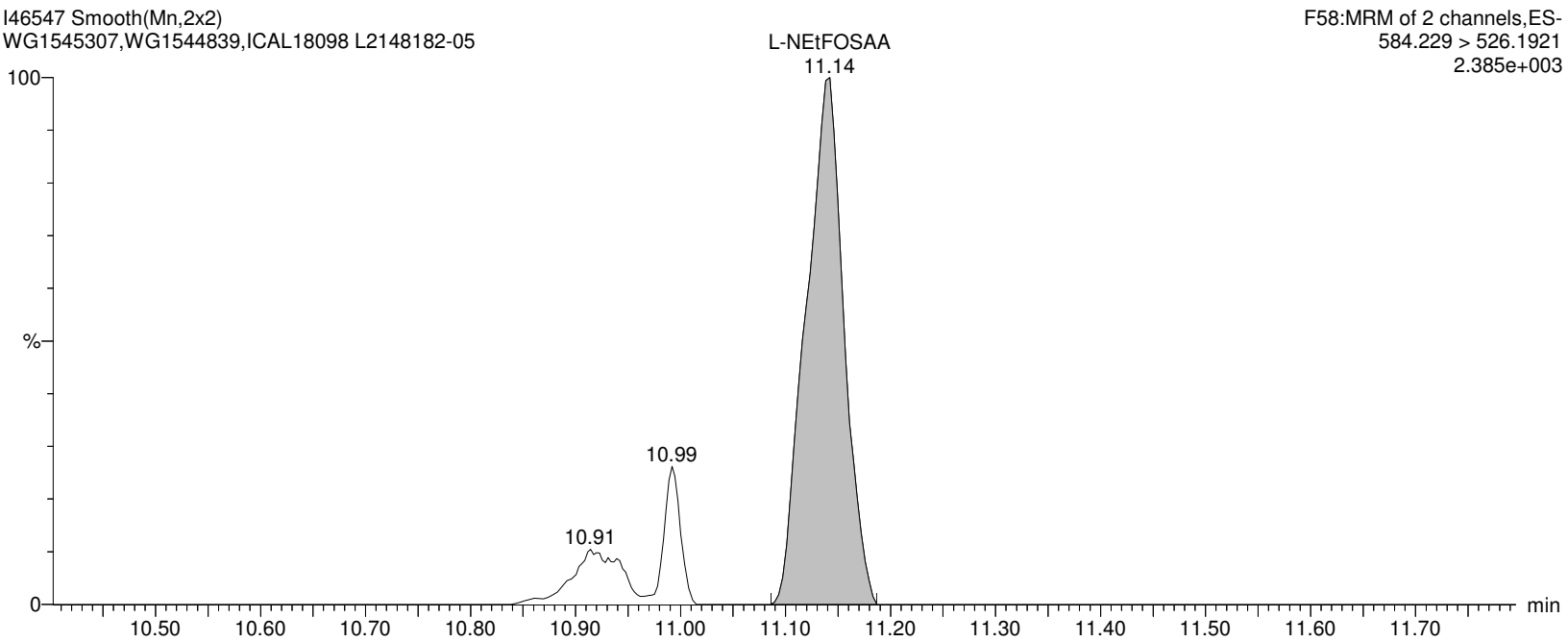
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:07 Eastern Daylight Time

Name: I46547
ID: L2148182-05
Date: 11-Sep-2021
Time: 18:54:48
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NEtFOSAA



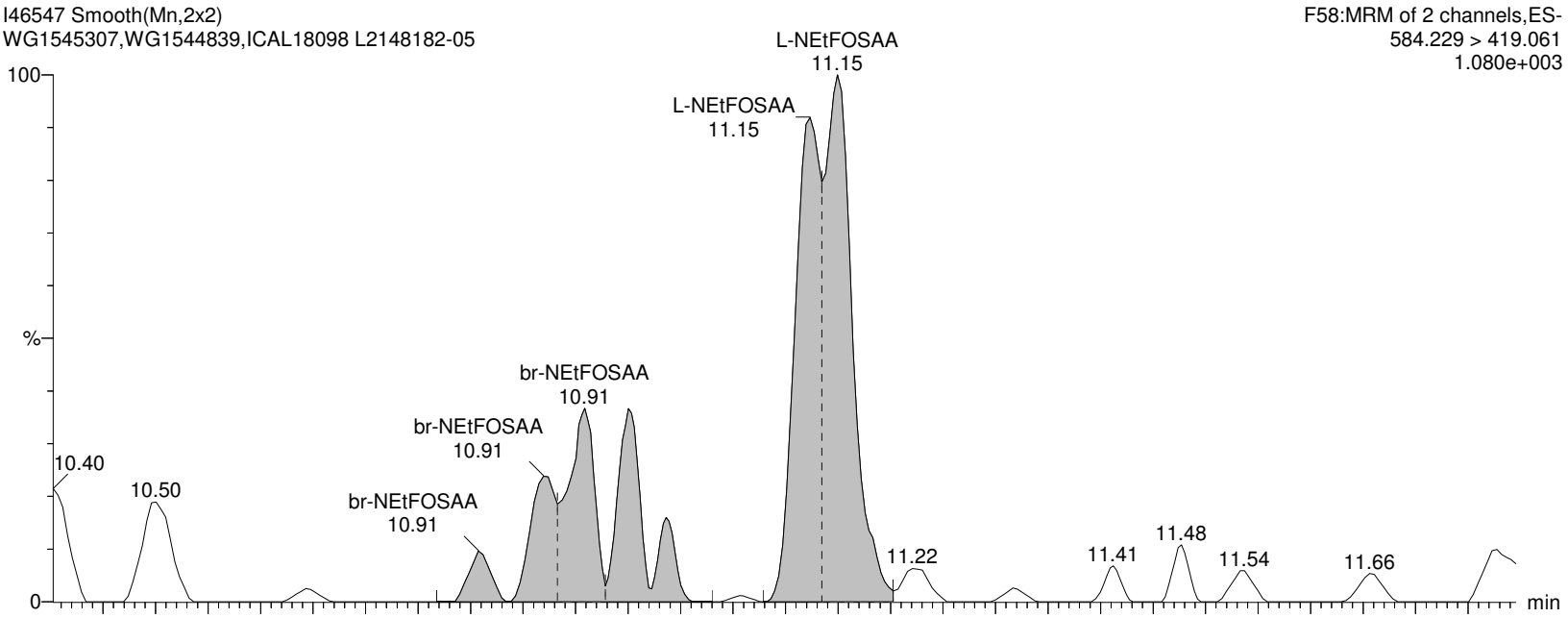


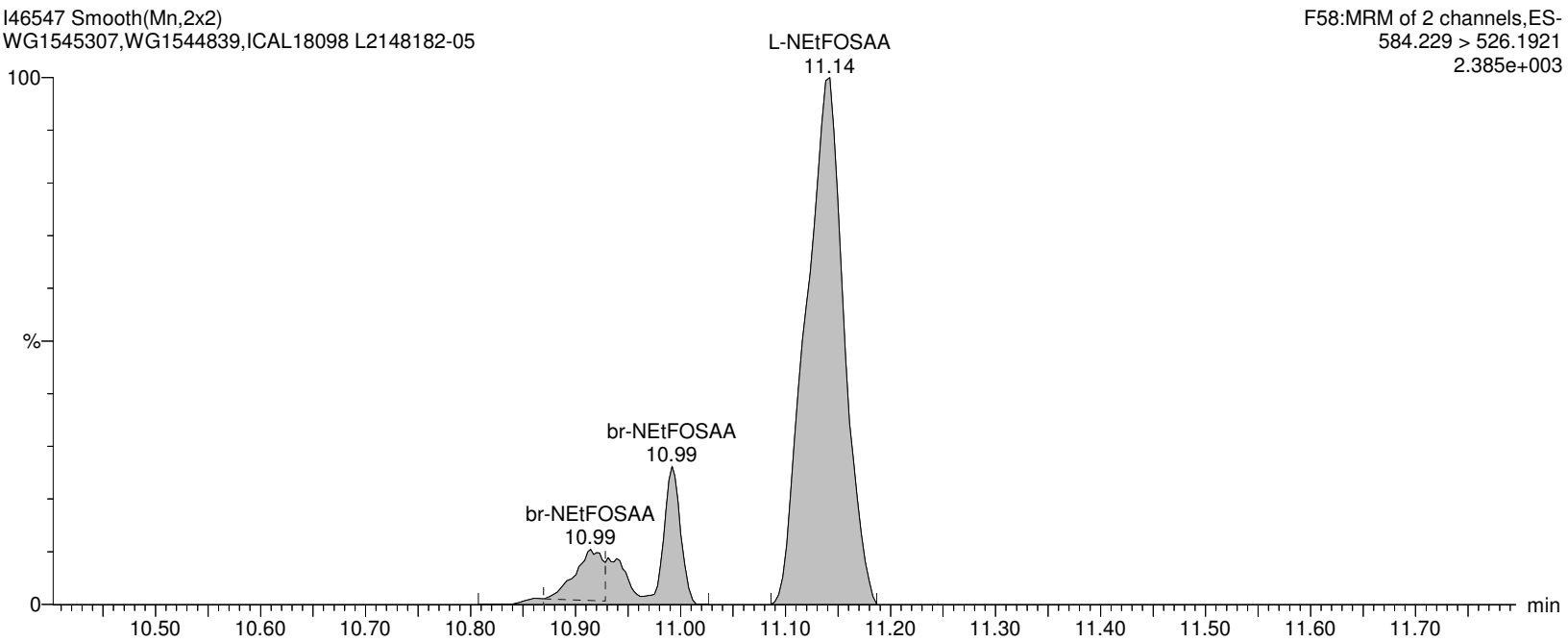
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:07 Eastern Daylight Time

Name: I46547
ID: L2148182-05
Date: 11-Sep-2021
Time: 18:54:48
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSAA



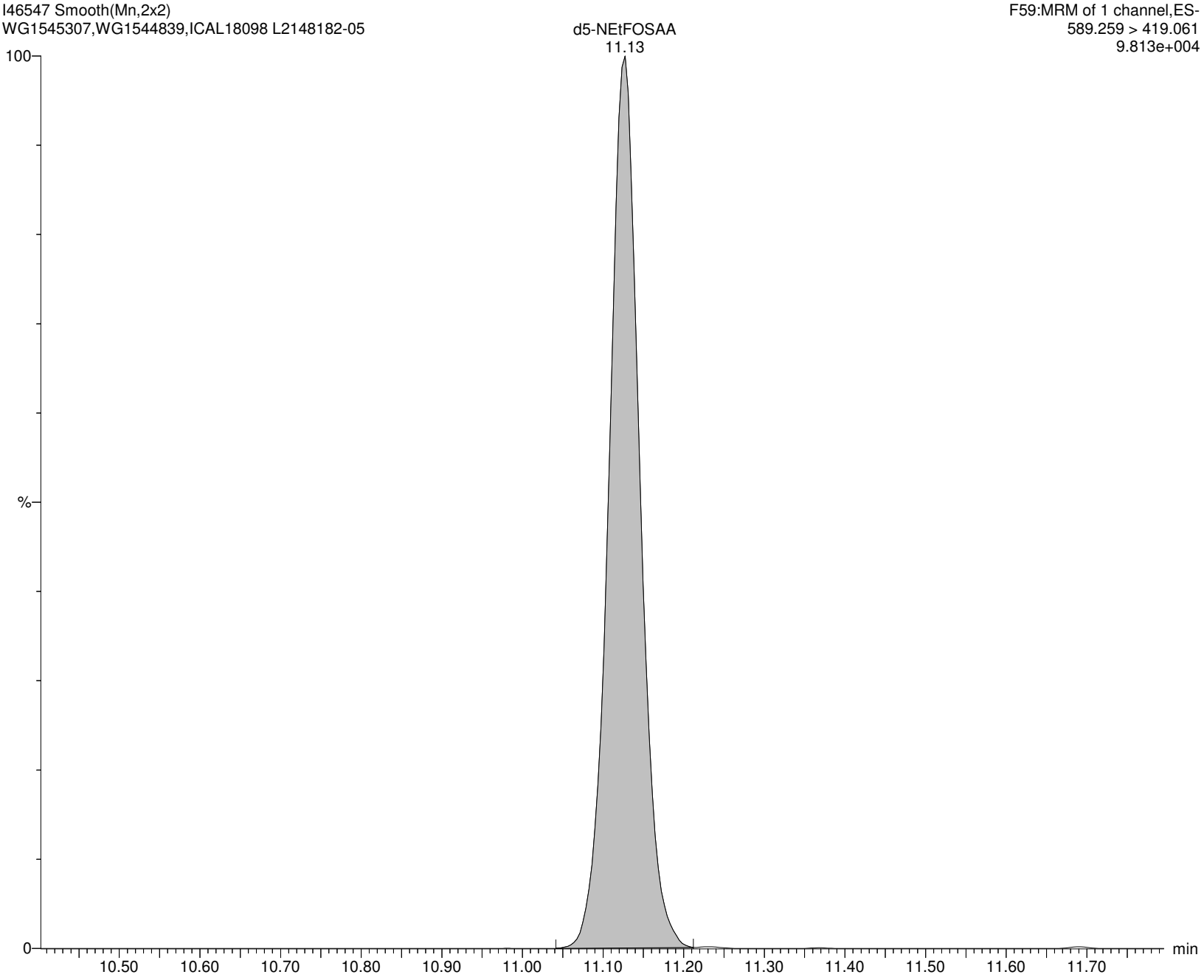


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:07 Eastern Daylight Time

Name: I46547
ID: L2148182-05
Date: 11-Sep-2021
Time: 18:54:48
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSAA

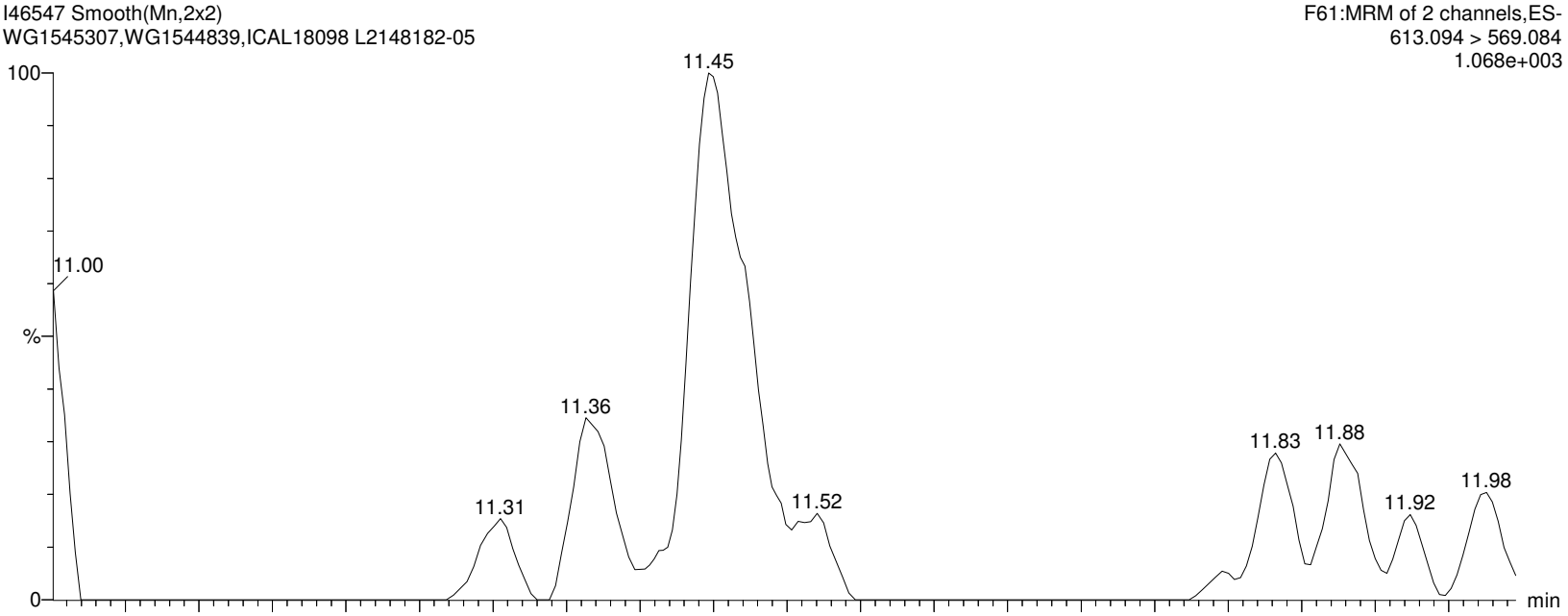


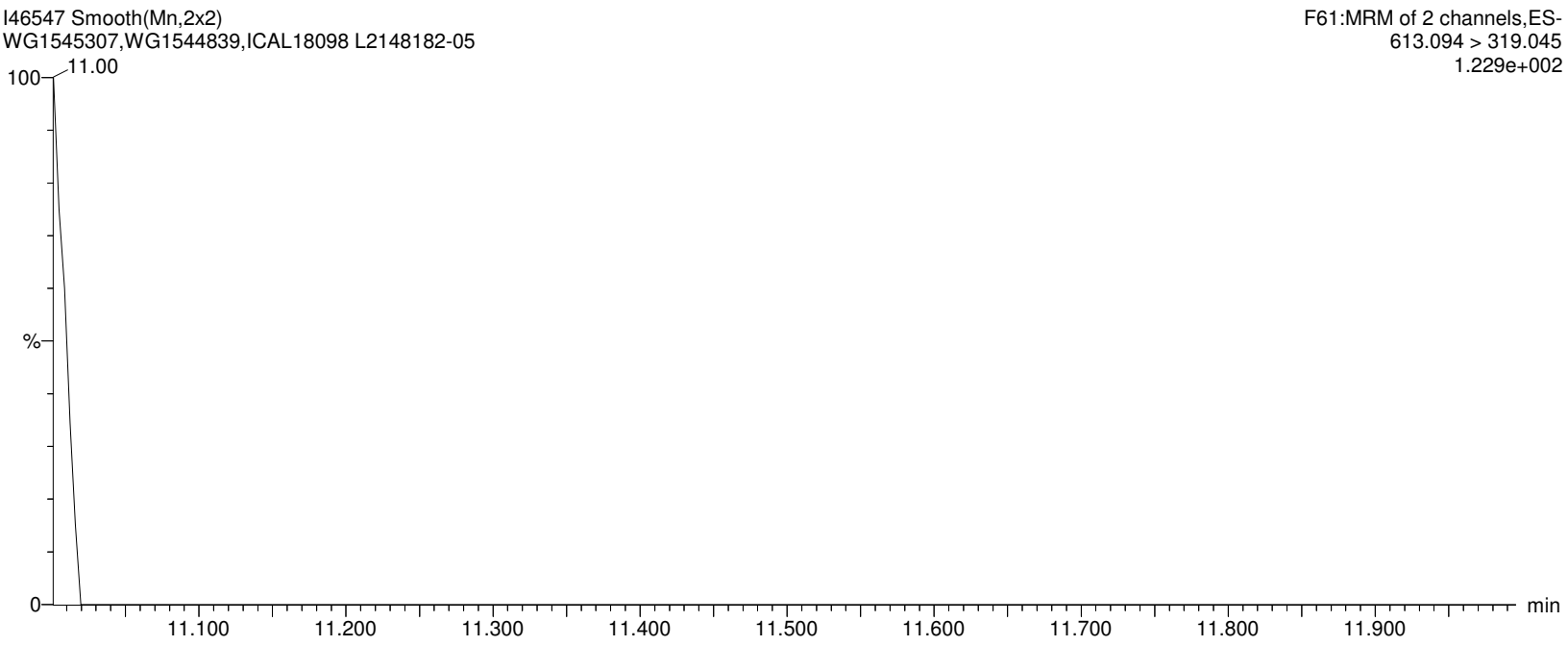
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:07 Eastern Daylight Time

Name: I46547
ID: L2148182-05
Date: 11-Sep-2021
Time: 18:54:48
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoA



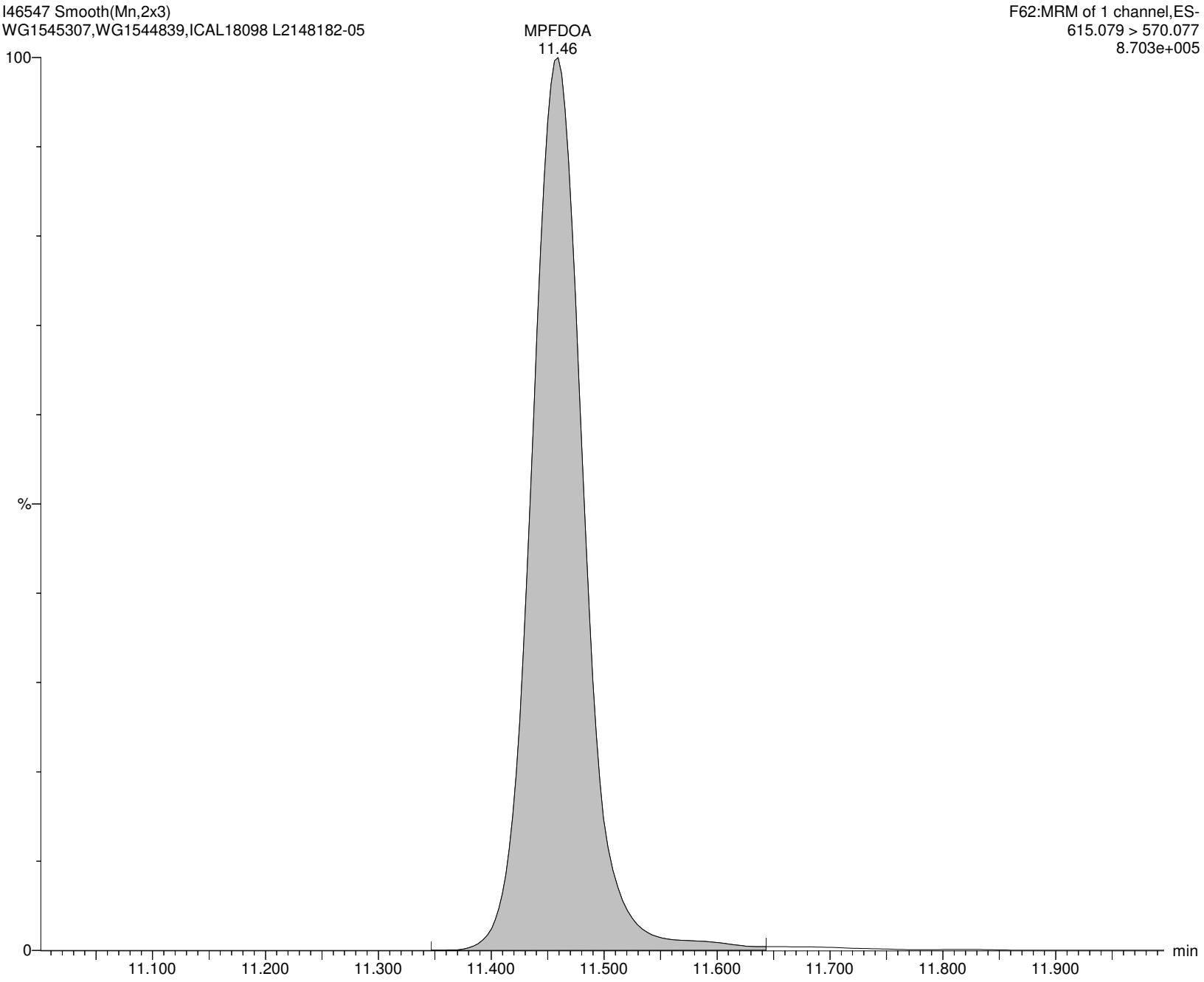


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:07 Eastern Daylight Time

Name: I46547
ID: L2148182-05
Date: 11-Sep-2021
Time: 18:54:48
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFDOA

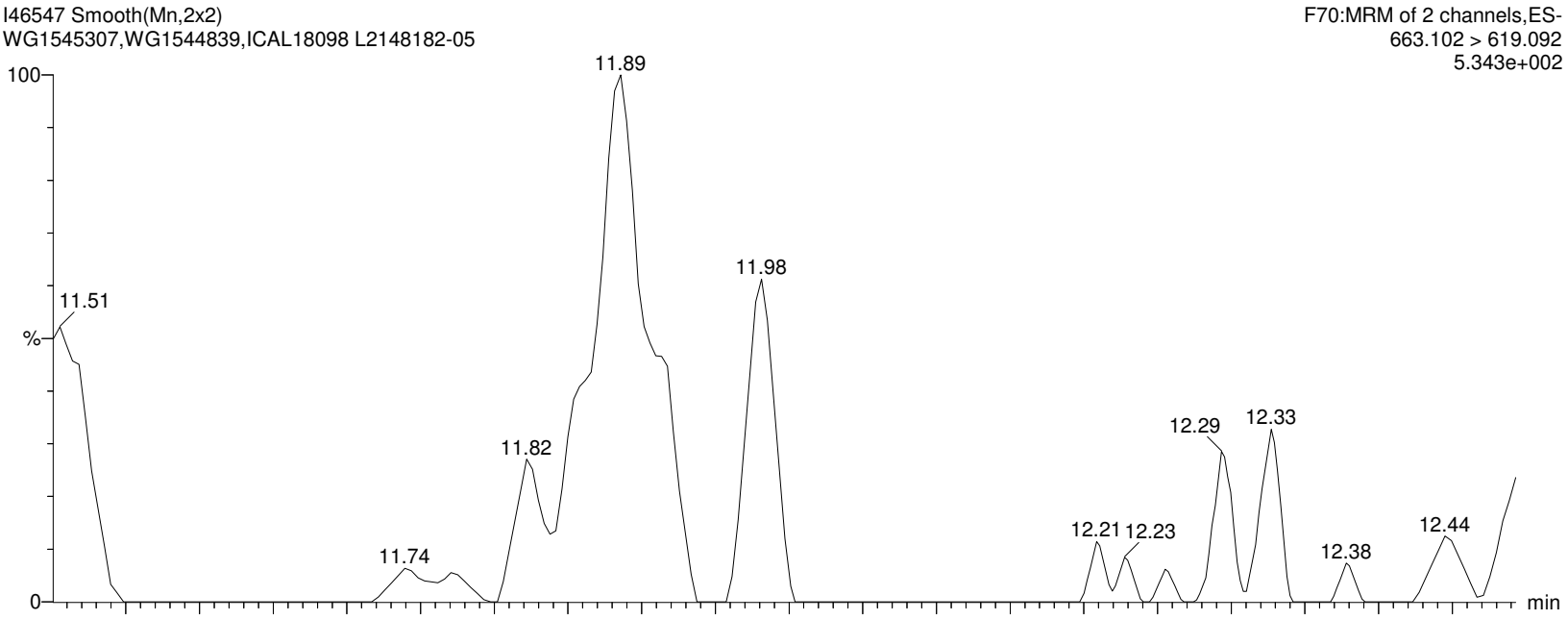


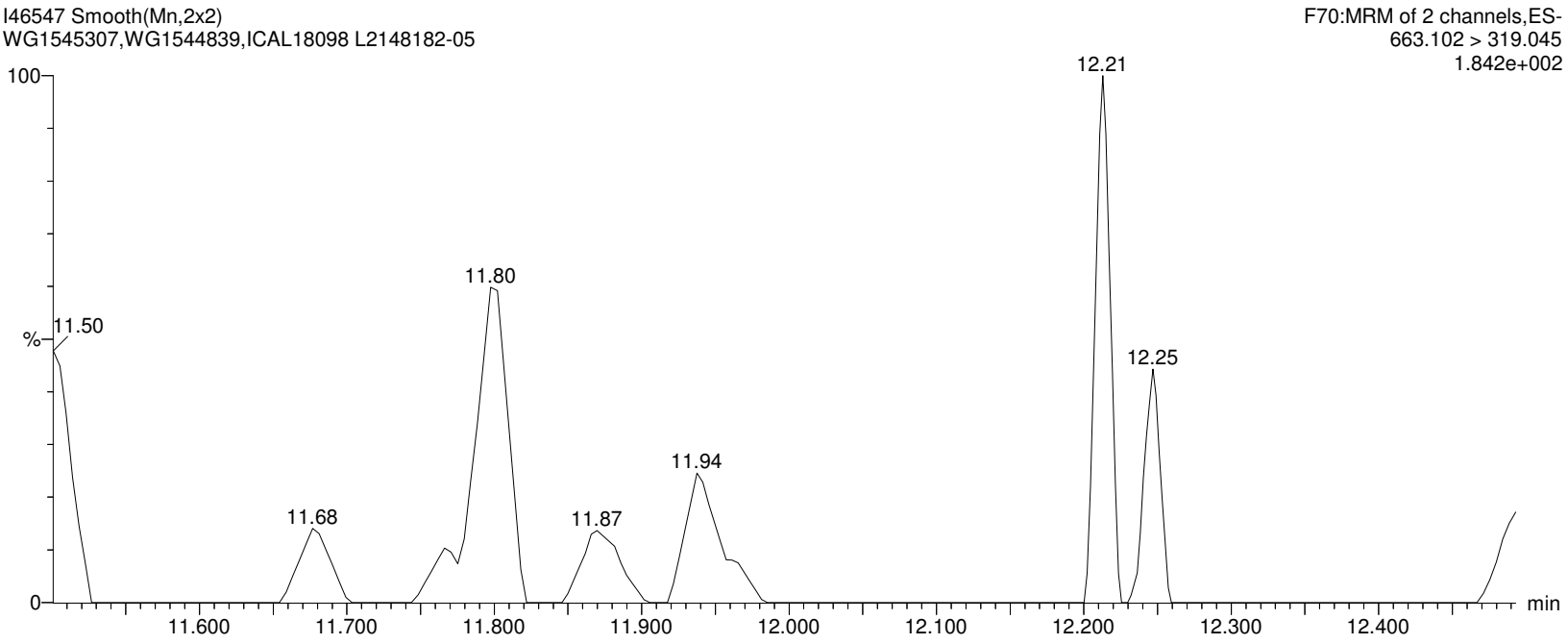
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:07 Eastern Daylight Time

Name: I46547
ID: L2148182-05
Date: 11-Sep-2021
Time: 18:54:48
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTrDA



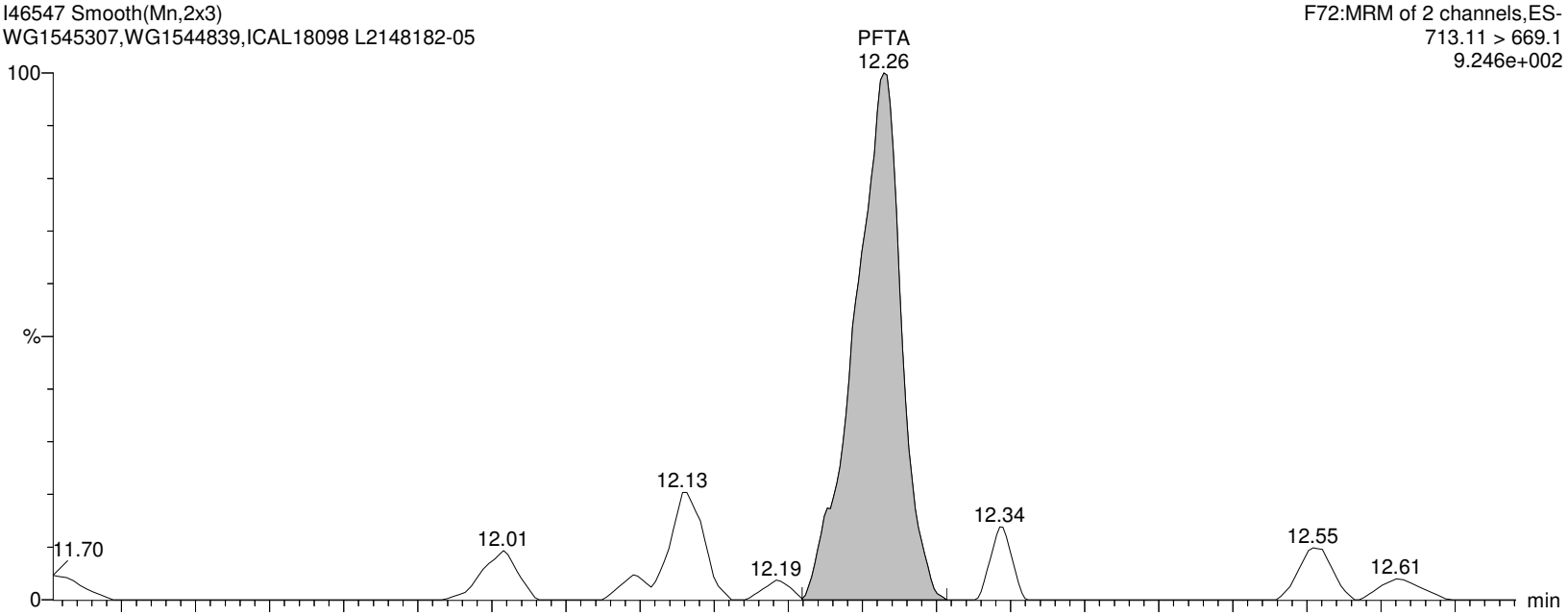


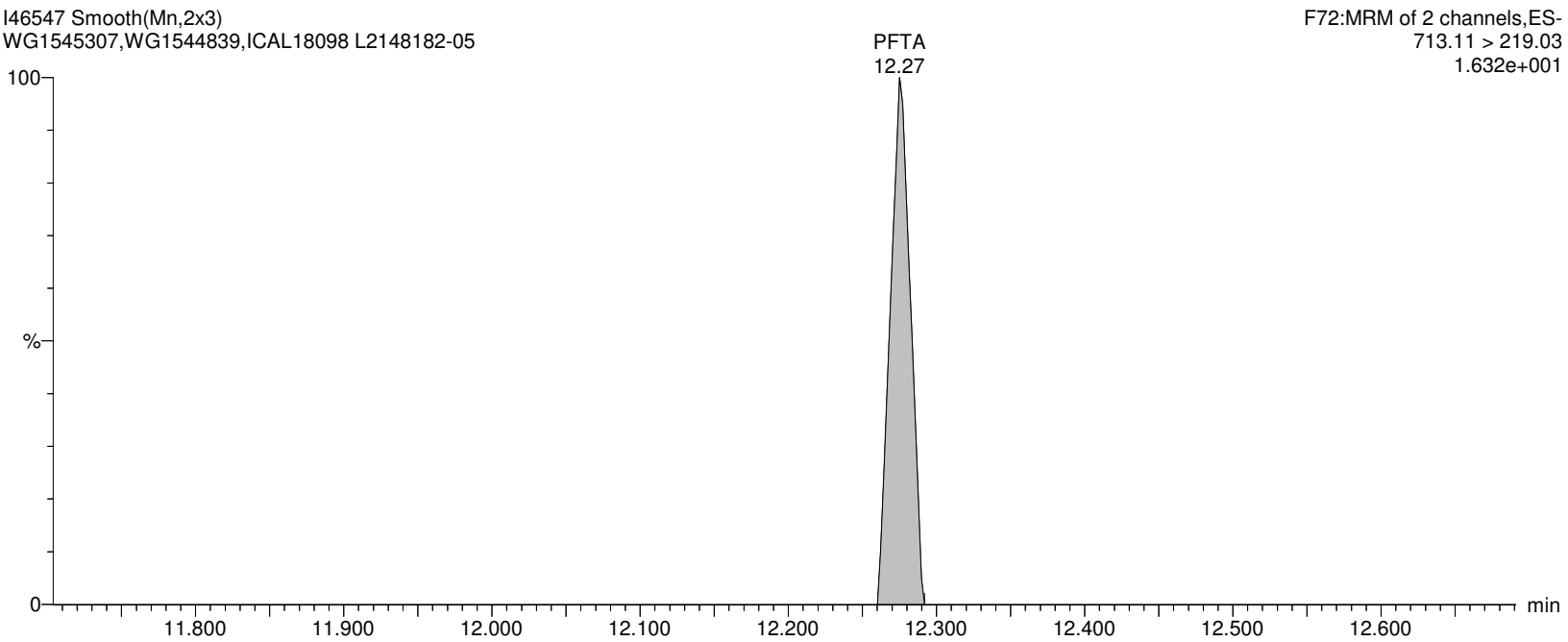
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:07 Eastern Daylight Time

Name: I46547
ID: L2148182-05
Date: 11-Sep-2021
Time: 18:54:48
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTA



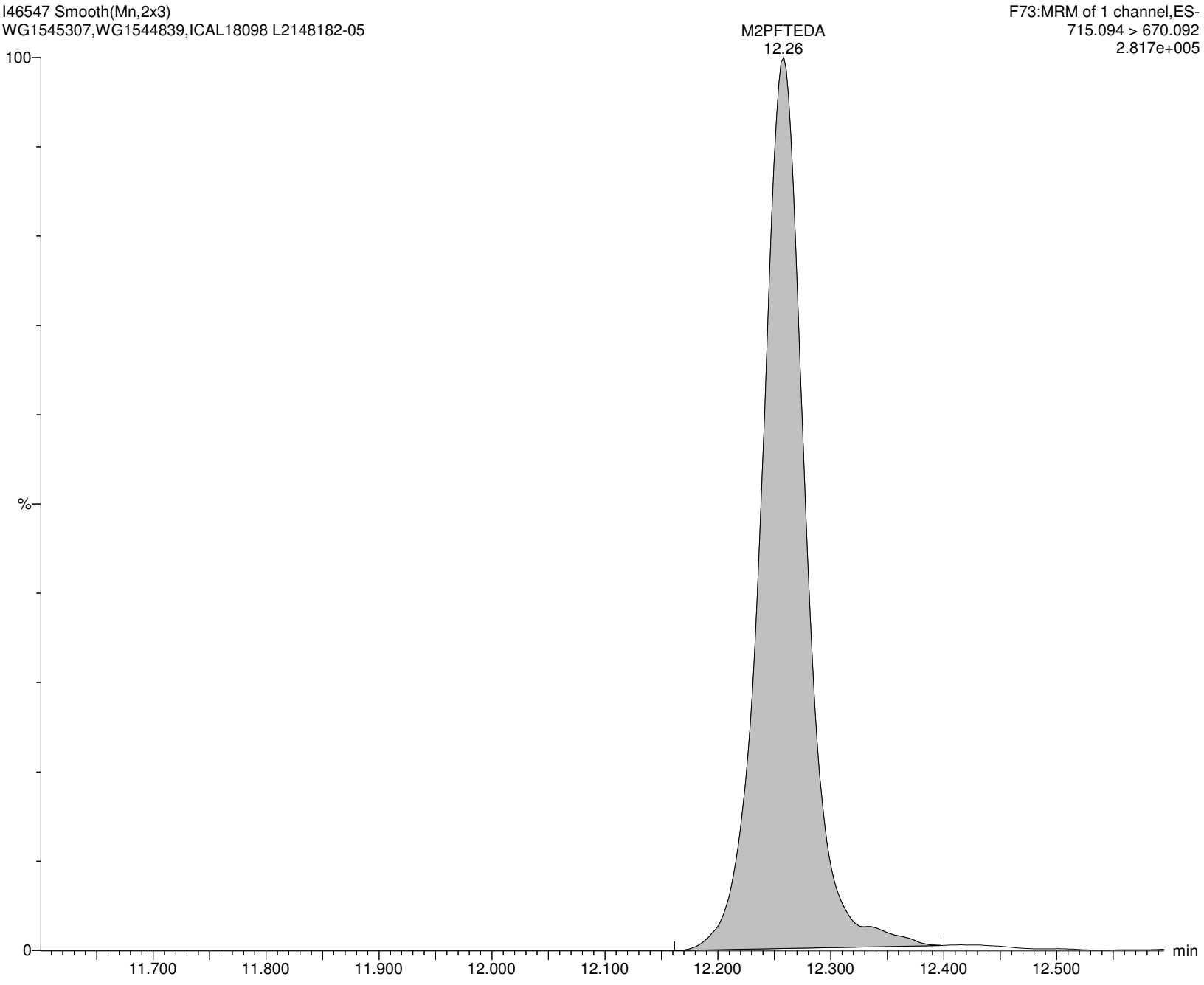


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:07 Eastern Daylight Time

Name: I46547
ID: L2148182-05
Date: 11-Sep-2021
Time: 18:54:48
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFTEDA



all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:09 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210911_537.PRO\MethDB\537ISO_Q_210625_TOP_RT2.mdb 03 Sep 2021 08:44:20
Calibration: C:\MassLynx\Data\2021\210911_537.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

ID: L2148182-06
Name: I46548
Date: 11-Sep-2021
Time: 19:11:22
Description: WG1545307,WG1544839,ICAL18098
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:SG
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.08	213.032 > 169.022	8077		1.992		na	
2	M3PFBA	INT STD	2.08	216.009 > 171.999	49693		9.466		na	94.7
3	MPFBA	INT STD	2.08	217.001 > 171.999	45562		8.527		na	85.3
4	PFPeA	2706-90-3	4.95	263.039 > 219.03	5200		1.201		na	
5	M5PFPEA	INT STD	4.95	268.001 > 222.999	46035		7.851		na	78.5
6	PFBS	375-73-5	5.60	299.092 > 80.062	445		0.416	1.56	NO	
7	M3PFBS	INT STD	5.60	302.069 > 80.062	9851		7.164		na	71.6
8	4:2FTS	757124-72-4		327.146 > 307.139			ND		YES	
9	M2-4:2FTS	INT STD	6.77	329.13 > 309.124	7807		14.170		na	141.7
10	PFHxA	307-24-4	6.84	313.047 > 269.037	7033		1.245	16.67	NO	
11	M5PFHxA	INT STD	6.84	318.009 > 273.007	53239		7.762		na	77.6
12	PFPeS	2706-91-4	7.16	349.1 > 80.062	269		0.256	1.52	NO	
13	PFHpA	375-85-9	8.11	363.055 > 319.045	6259		0.752	5.06	NO	
14	M4PFHpA	INT STD	8.11	367.025 > 322.022	82312		8.049		na	80.5
15	br-PFHxS	355-46-4	8.04	399.107 > 80.062	208	M5,M7	0.207	1.41	NO	
16	L-PFHxS	355-46-4	8.27	399.107 > 80.062	790	M4,M7	0.600	1.49	NO	
17	PFHxS	355-46-4		399.107 > 80.062	998		0.808		na	
18	M3PFHxS	INT STD	8.27	402.084 > 80.062	12058		7.733		na	77.3
19	br-PFOA	335-67-1	8.83	413.063 > 369.053	4328	M5	0.475	2.40	NO	
20	L-PFOA	335-67-1	9.06	413.063 > 369.053	25468		2.794	8.63	NO	
21	PFOA	335-67-1		413.063 > 369.053	29796		3.268		na	
22	M8PFOA	INT STD	9.06	421.002 > 376.	94606		8.307		na	83.1
23	M2PFOA	INT STD	9.06	415.048 > 370.045	112175		10.591		na	105.9
24	6:2FTS	27619-97-2	9.02	427.161 > 407.155	5381		7.954	3.58	NO	
25	M2-6:2FTS	INT STD	9.02	429.146 > 409.14	7001		12.377		na	123.8
26	PFHpS	375-92-8	9.15	449.115 > 80.062	94	M4,M7	0.115	1.07	NO	
27	PFNA	375-95-1	9.82	463.071 > 419.061	1295	M4	0.196	3.83	NO	
28	M9PFNA	INT STD	9.82	472.002 > 427.	26445		8.084		na	80.8
29	br-PFOS	1763-23-1	9.62	499.123 > 80.062	3754	M5,M7	2.927	4.66	NO	
30	L-PFOS	1763-23-1	9.88	499.123 > 80.062	2937	M7	2.900	1.70	NO	
31	PFOS	1763-23-1		499.123 > 80.062	6691		5.828		na	
32	M4PFOS	INT STD	9.87	503.093 > 80.062	12462		11.010		na	110.1
33	M8PFOS	INT STD	9.87	507.062 > 80.062	11468		8.212		na	82.1
34	PFDA	335-76-2	10.45	513.078 > 469.069	483	M4,M7	0.080	8.98	YES	
35	M2PFDA	INT STD	10.45	515.053 > 469.934	66562		10.912		na	109.1
36	M6PFDA	INT STD	10.45	519.033 > 474.03	60448		8.001		na	80.0
37	8:2FTS	39108-34-4		527.177 > 507.171			ND		YES	
38	M2-8:2FTS	INT STD	10.45	529.162 > 509.155	3618		8.700		na	87.0
39	PFNS	68259-12-1		549.131 > 80.062			ND		YES	

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:09 Eastern Daylight Time

ID: L2148182-06
Name: I46548
Date: 11-Sep-2021
Time: 19:11:22
Description: WG1545307,WG1544839,ICAL18098
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:SG
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.84	573.22 > 419.061	4225		5.933		na	59.3
41	br-NMeFOSAA		10.61	570.202 > 419.061	3		0.018	1.01	NO	
42	L-NMeFOSAA		10.86	570.202 > 419.061	6		0.013	2.10	NO	
43	NMeFOSAA	2355-31-9		570.202 > 419.061	9		0.031		na	
44	PFUnA	2058-94-8	11.00	563.086 > 519.076	131	M7	0.024	9.90	NO	
45	M7-PFUDA	INT STD	10.99	570.033 > 525.031	53575		7.604		na	76.0
46	PFDS	335-77-3		599.139 > 80.062			ND		YES	
47	FOSA	754-91-6	10.93	498.146 > 78.07	51	M7	0.081	47.99	YES	
48	M8FOSA	INT STD	10.93	506.077 > 78.07	7351		1.797		na	18.0
49	br-NEtFOSAA			584.229 > 419.061			ND		YES	
50	L-NEtFOSAA			584.229 > 419.061			ND		YES	
51	NEtFOSAA	2991-50-6		584.229 > 419.061	0		ND		na	
52	d5-NEtFOSAA	INT STD	11.13	589.259 > 419.061	4400		7.477		na	74.8
53	PFDoA	307-55-1	11.47	613.094 > 569.084	57	M4,M7	0.012	64.12	YES	
54	MPFDOA	INT STD	11.47	615.079 > 570.077	45554		6.701		na	67.0
55	PFTrDA	72629-94-8		663.102 > 619.092			ND		YES	
56	PFTA	376-06-7		713.11 > 669.1			ND		YES	
57	M2PFTEDA	INT STD	12.26	715.094 > 670.092	12395		5.813		na	58.1

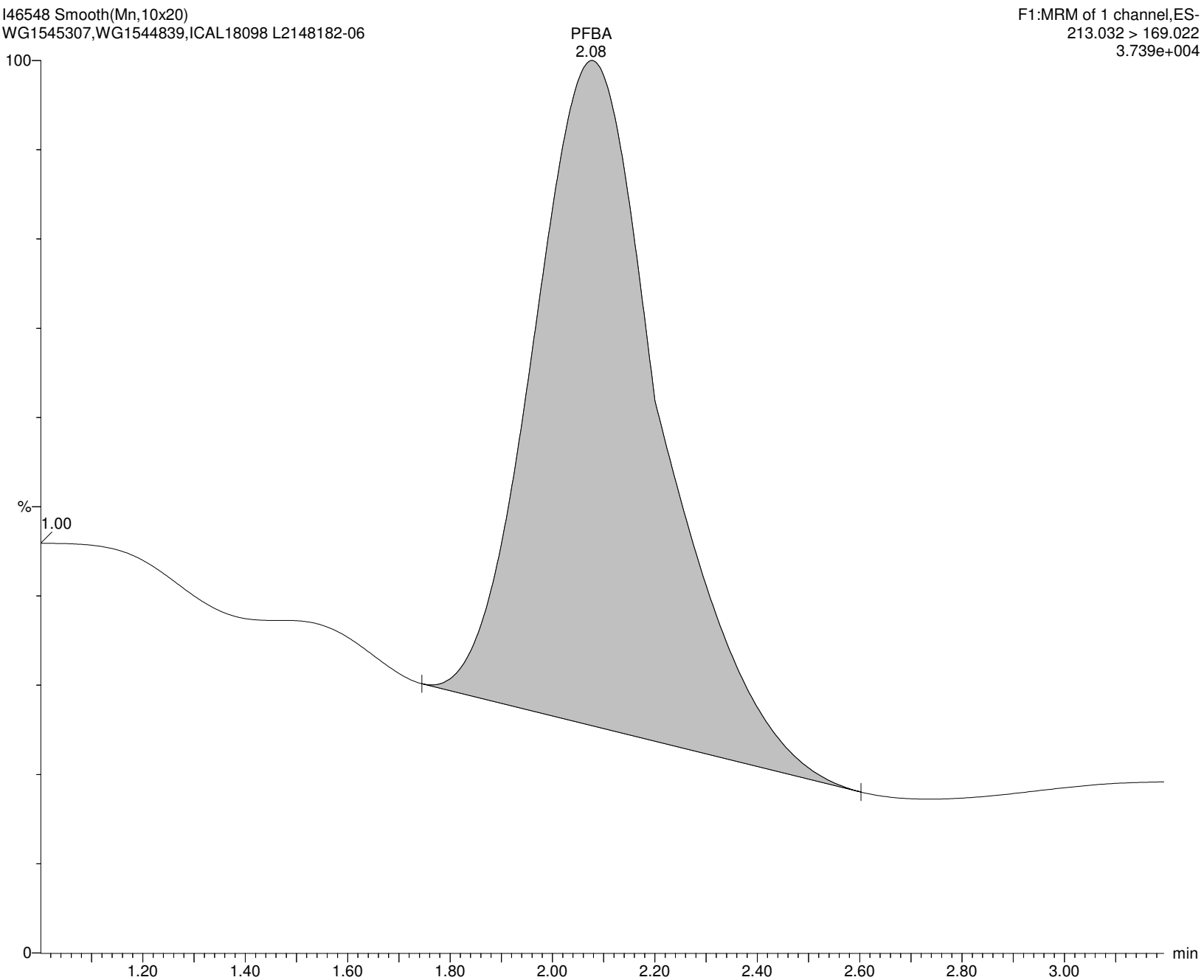
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:09 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210911_537.PRO\MethDB\537ISO_Q_210625_TOP_RT2.mdb 03 Sep 2021 08:44:20
Calibration: C:\MassLynx\Data\2021\210911_537.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

Name: I46548
ID: L2148182-06
Date: 11-Sep-2021
Time: 19:11:22
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBA

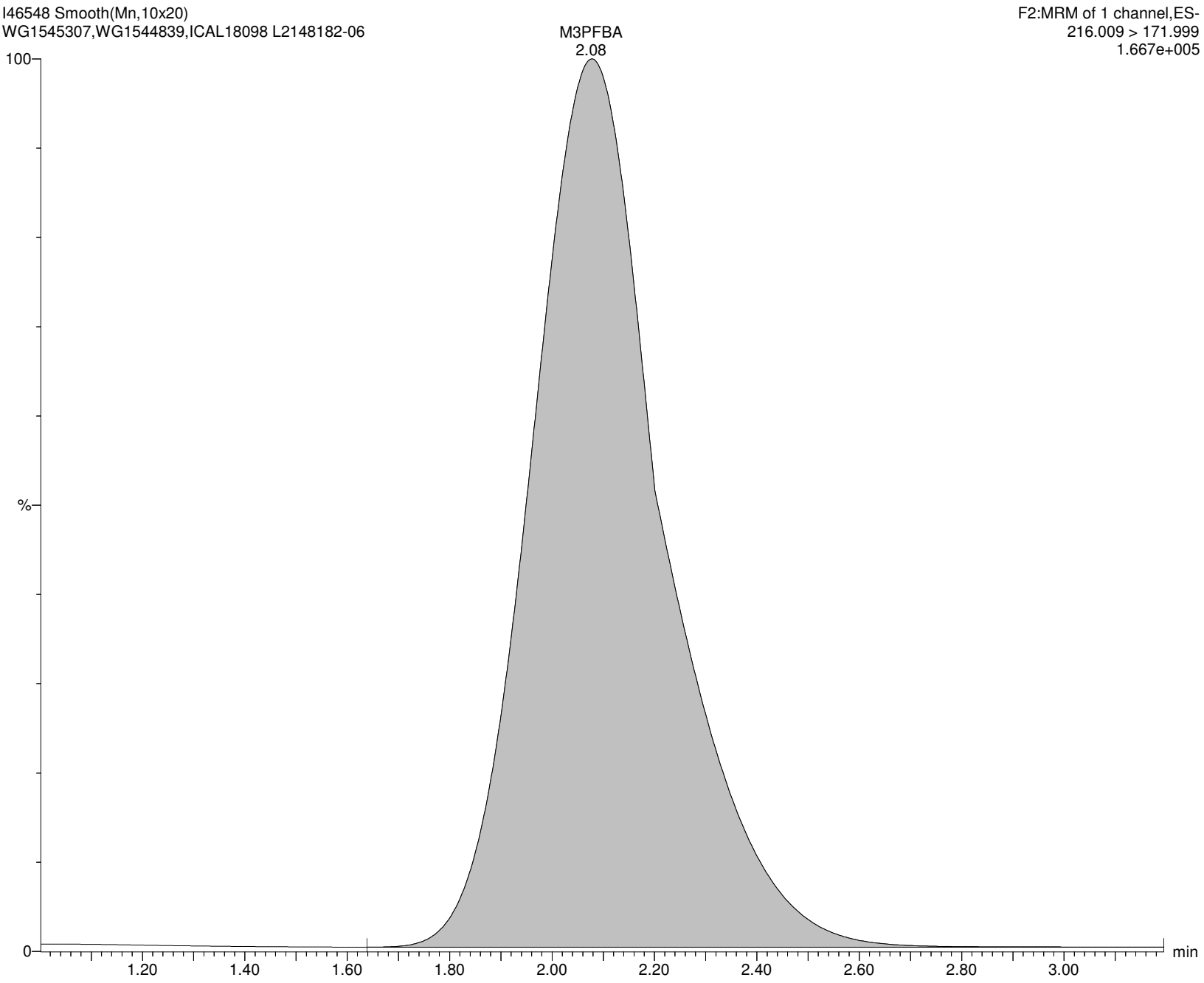


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:09 Eastern Daylight Time

Name: I46548
ID: L2148182-06
Date: 11-Sep-2021
Time: 19:11:22
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBA

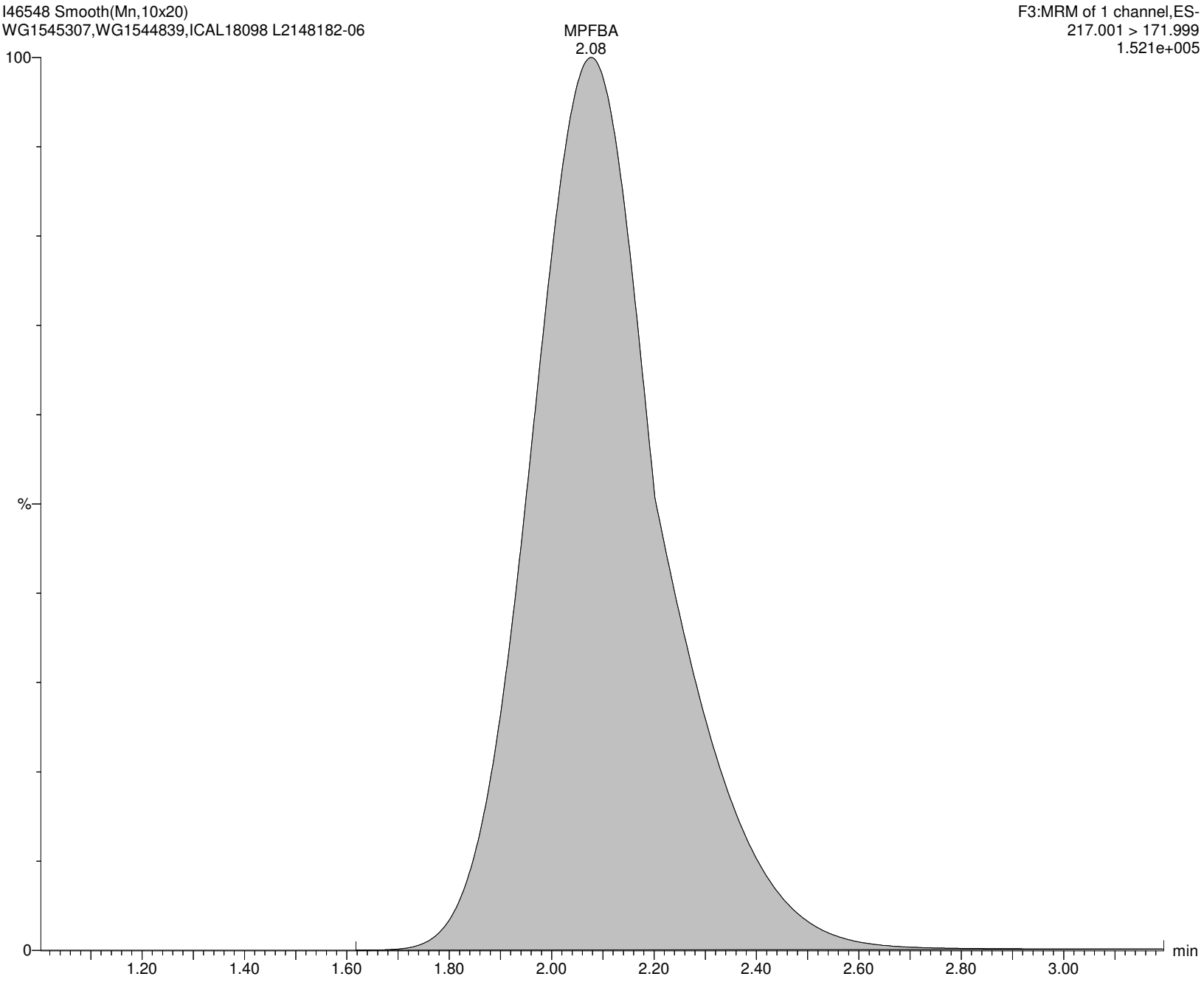


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:09 Eastern Daylight Time

Name: I46548
ID: L2148182-06
Date: 11-Sep-2021
Time: 19:11:22
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFBA

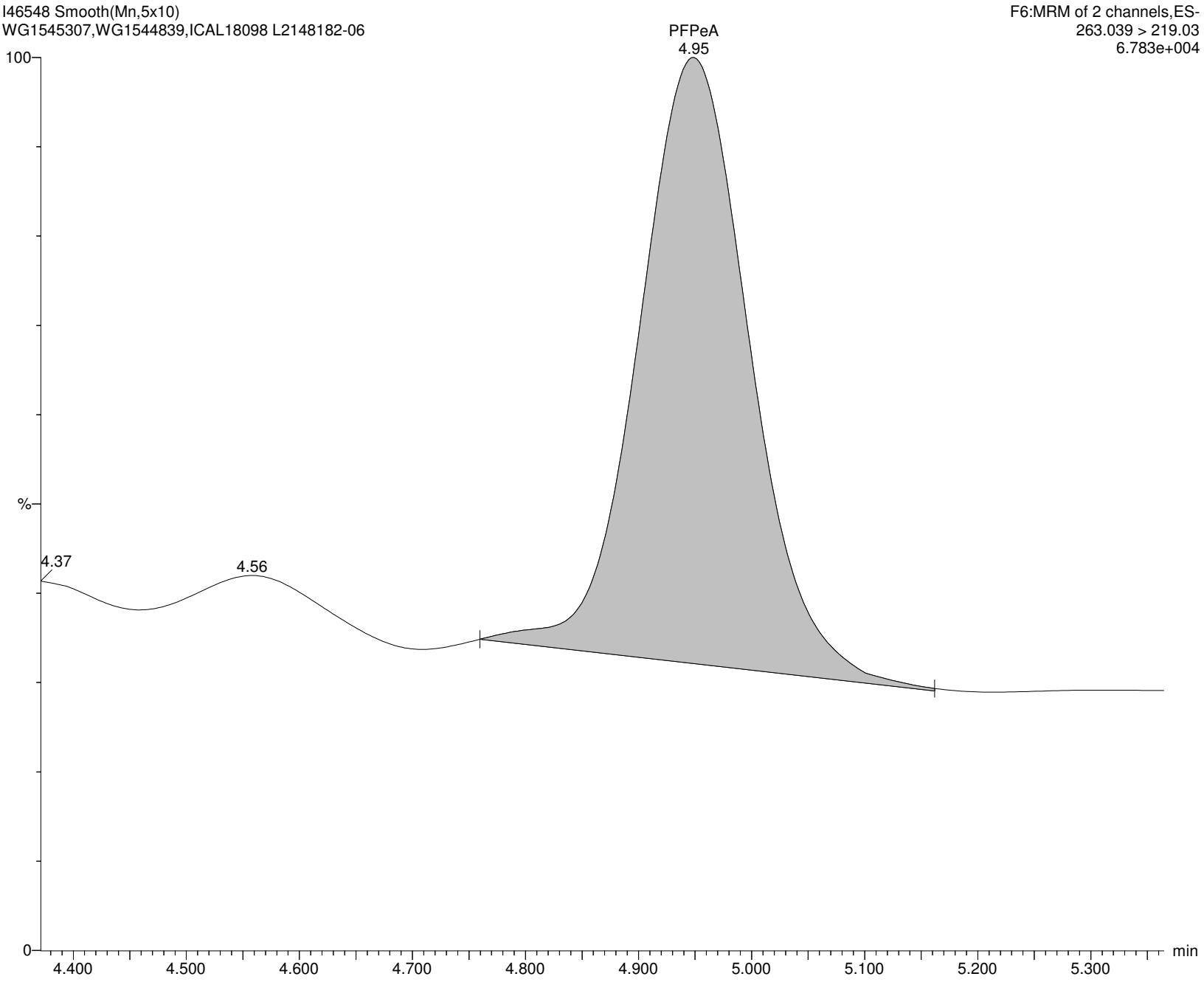


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:09 Eastern Daylight Time

Name: I46548
ID: L2148182-06
Date: 11-Sep-2021
Time: 19:11:22
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeA

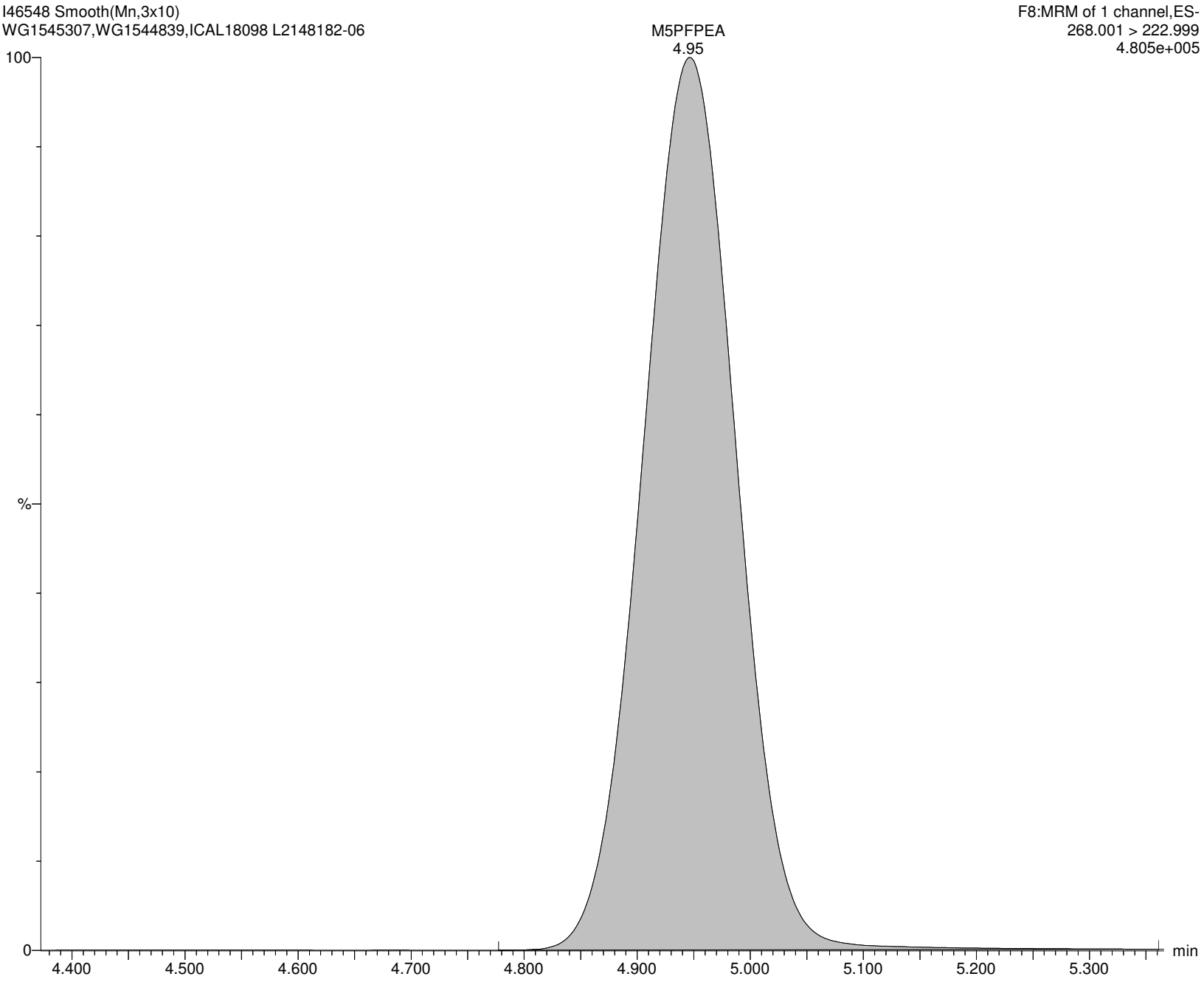


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:09 Eastern Daylight Time

Name: I46548
ID: L2148182-06
Date: 11-Sep-2021
Time: 19:11:22
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFPEA

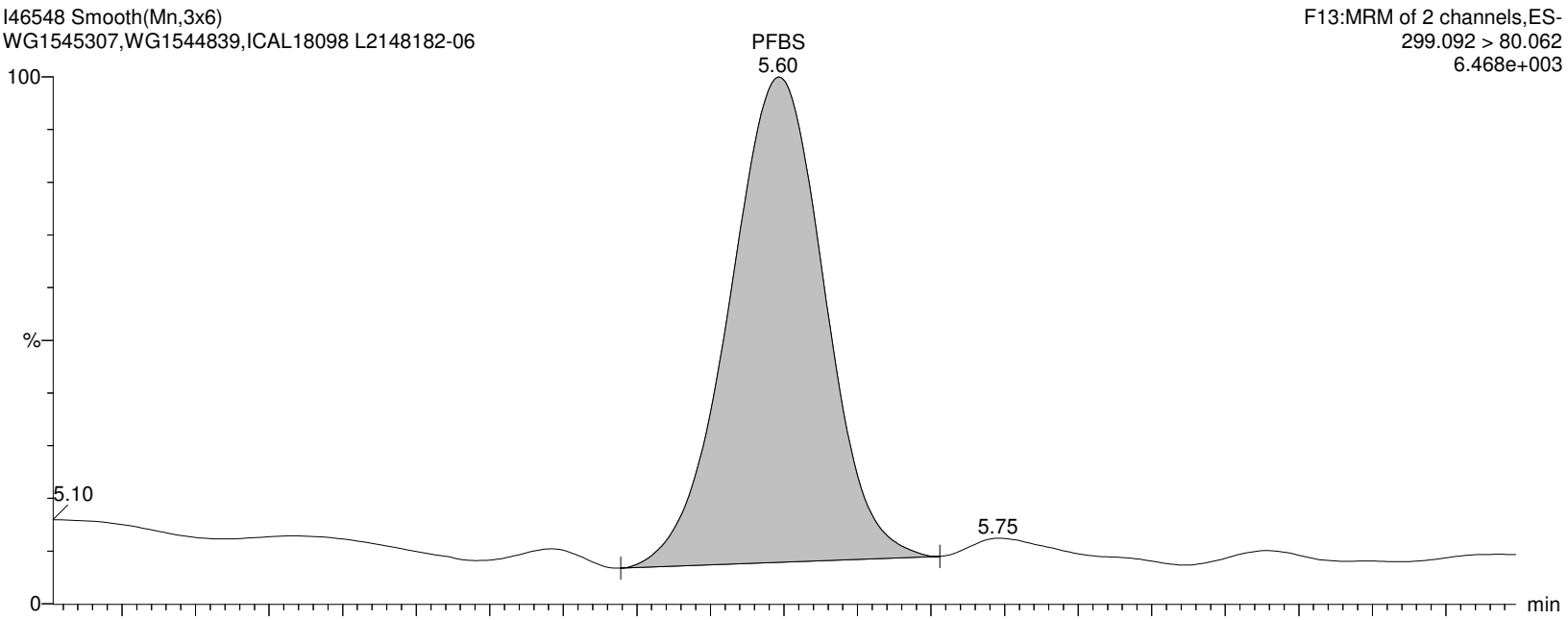


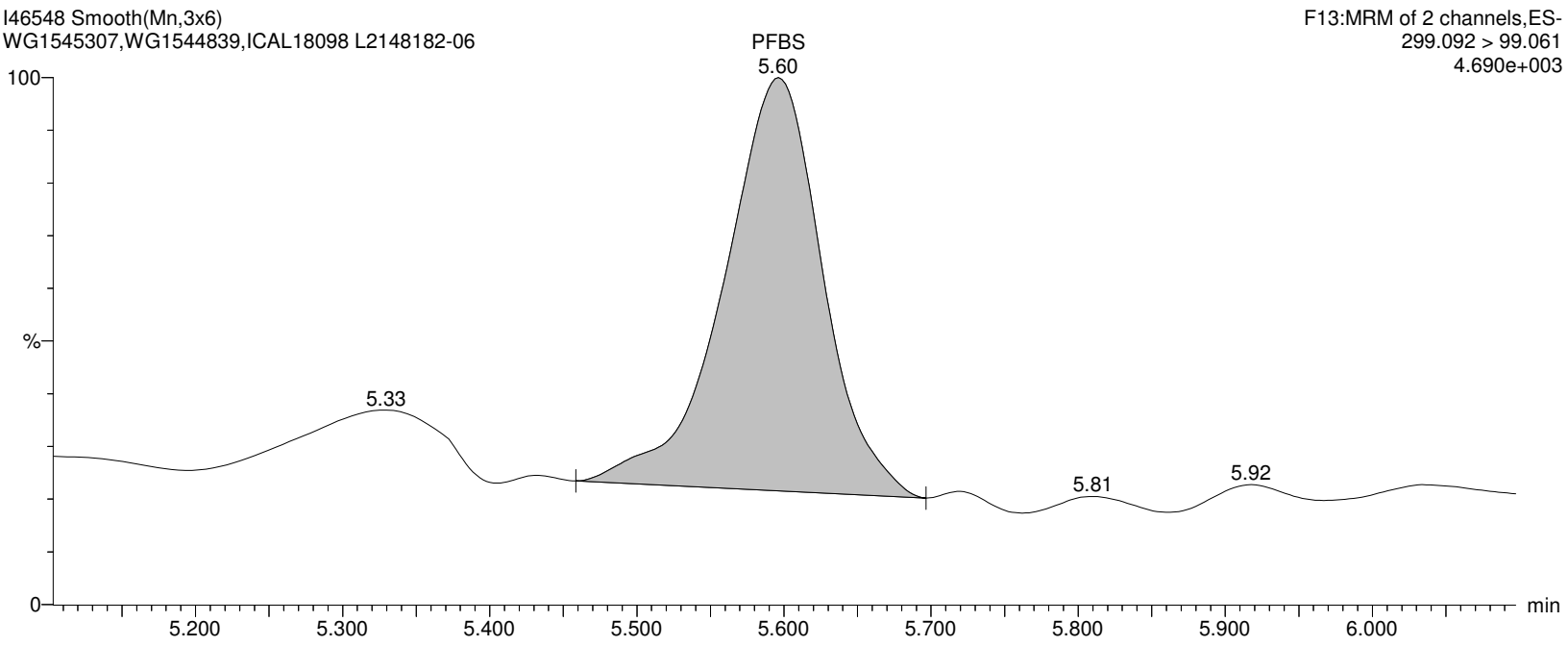
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:09 Eastern Daylight Time

Name: I46548
ID: L2148182-06
Date: 11-Sep-2021
Time: 19:11:22
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBS



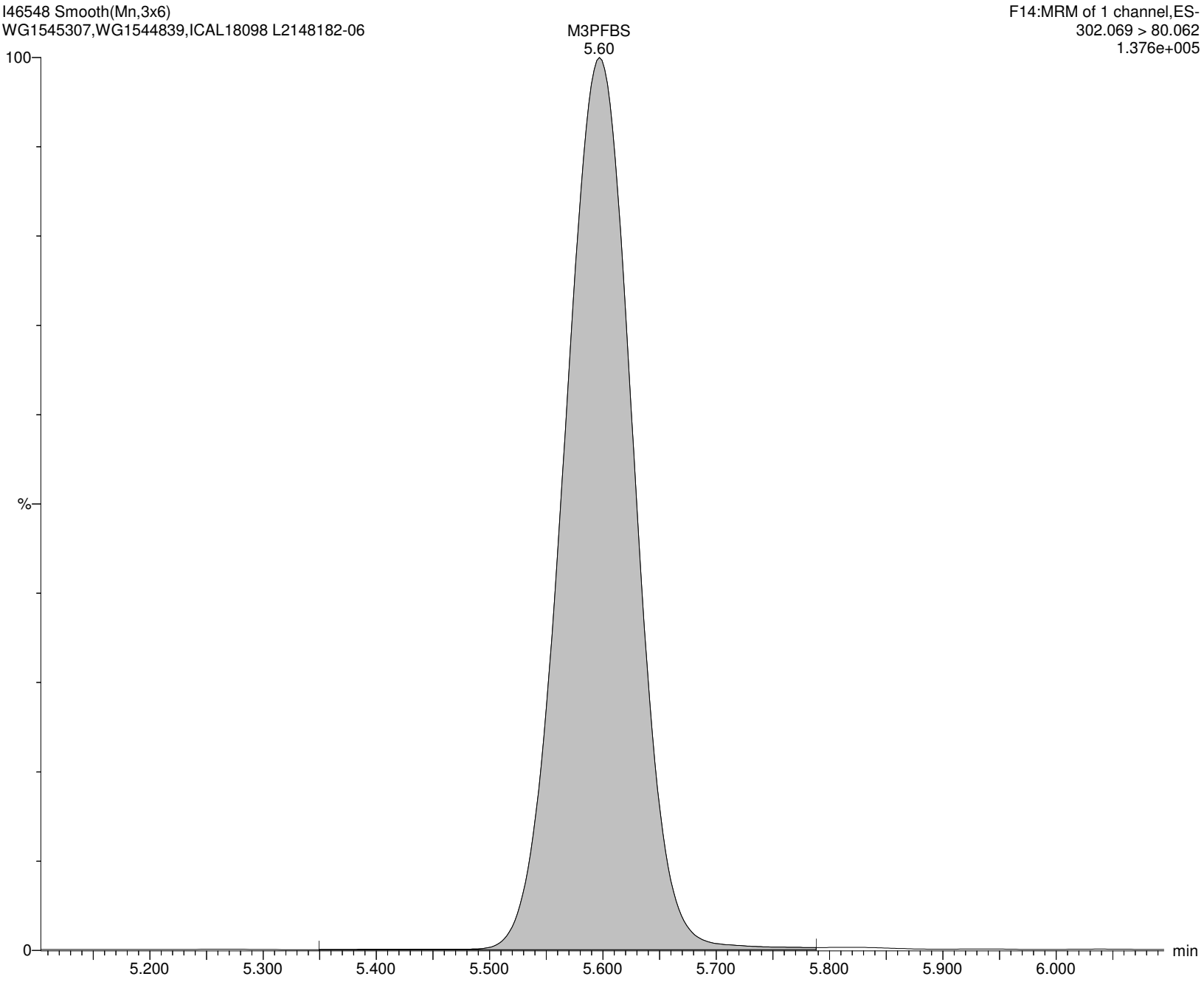


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:09 Eastern Daylight Time

Name: I46548
ID: L2148182-06
Date: 11-Sep-2021
Time: 19:11:22
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBS

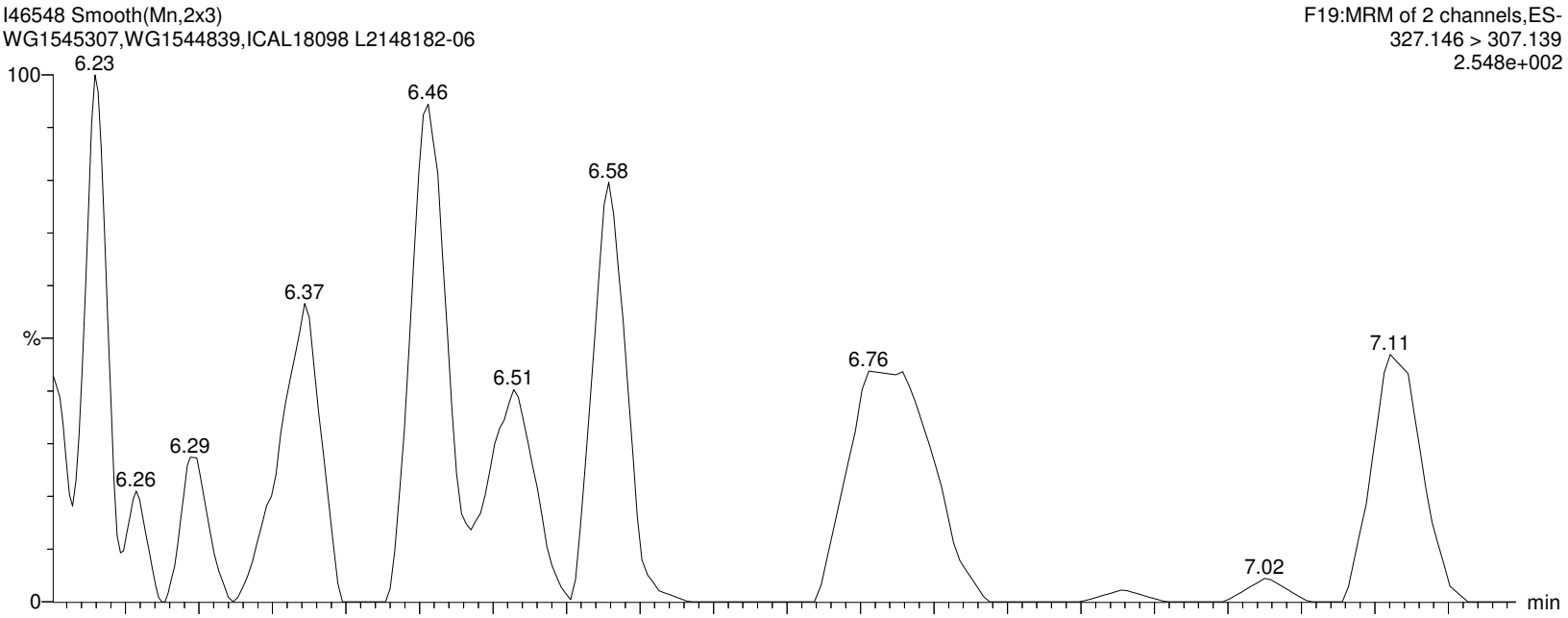


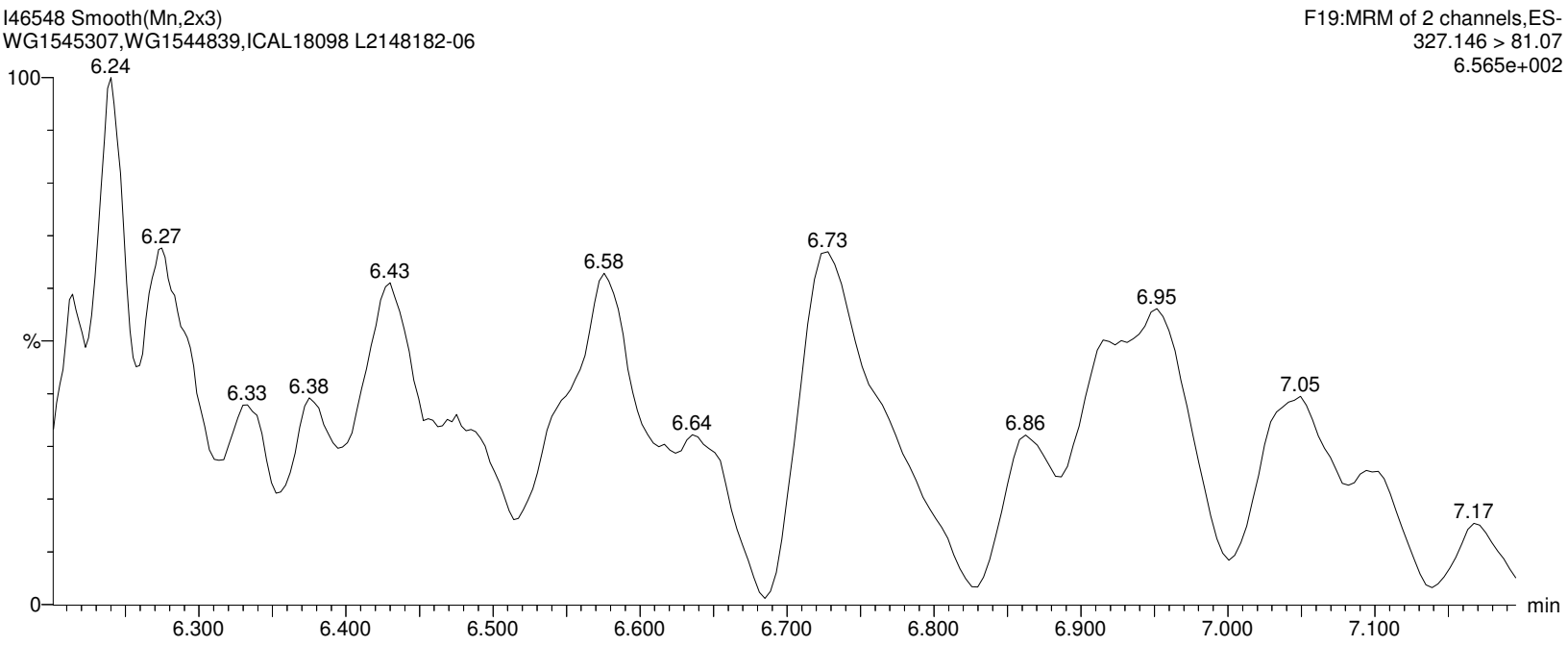
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:09 Eastern Daylight Time

Name: I46548
ID: L2148182-06
Date: 11-Sep-2021
Time: 19:11:22
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

4:2FTS



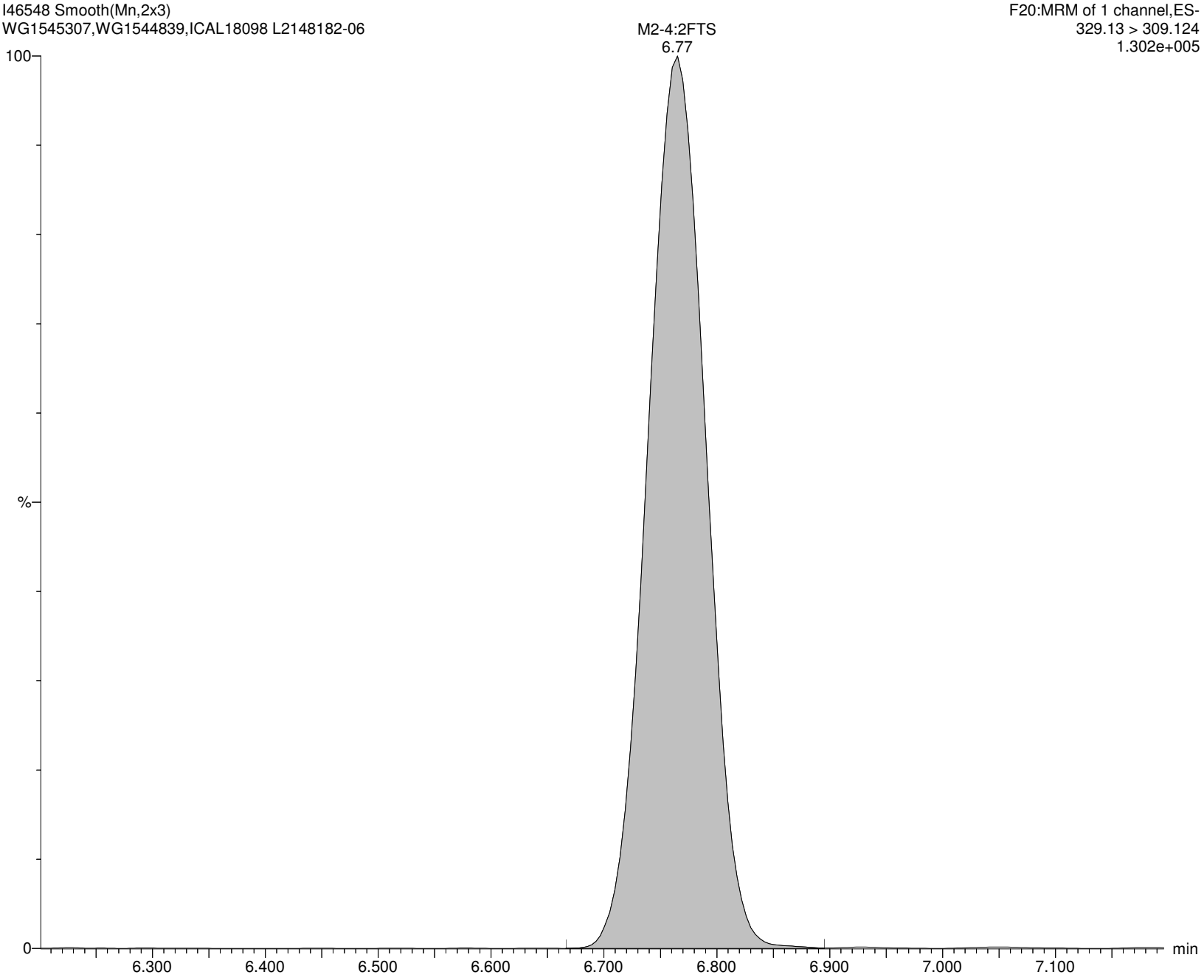


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:09 Eastern Daylight Time

Name: I46548
ID: L2148182-06
Date: 11-Sep-2021
Time: 19:11:22
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-4:2FTS

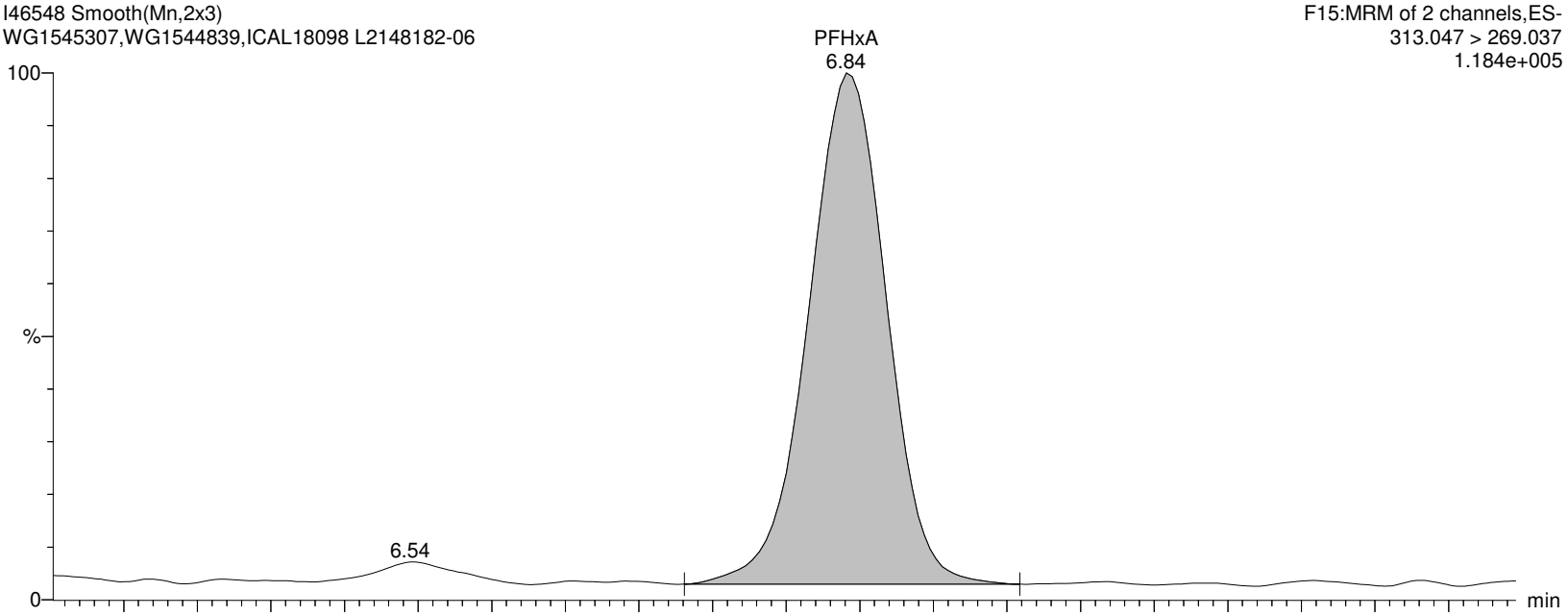


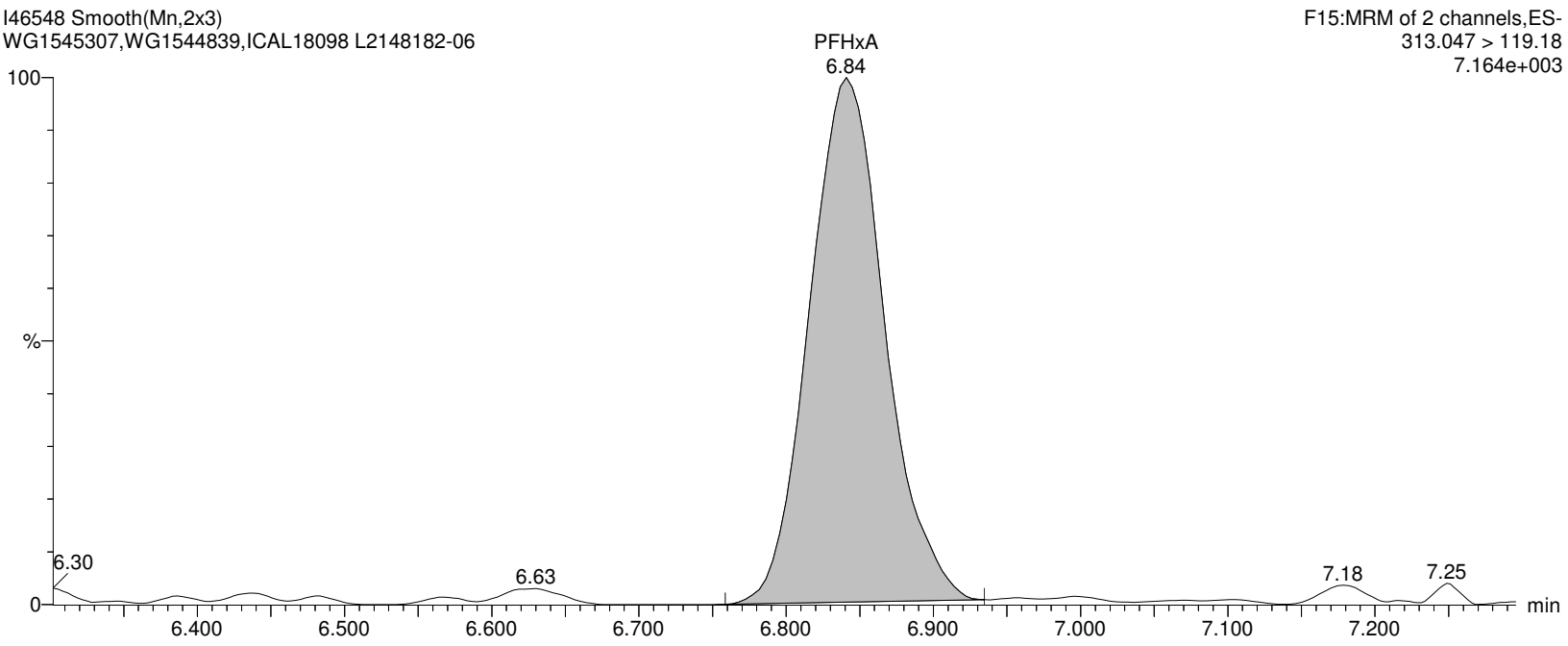
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:09 Eastern Daylight Time

Name: I46548
ID: L2148182-06
Date: 11-Sep-2021
Time: 19:11:22
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxA



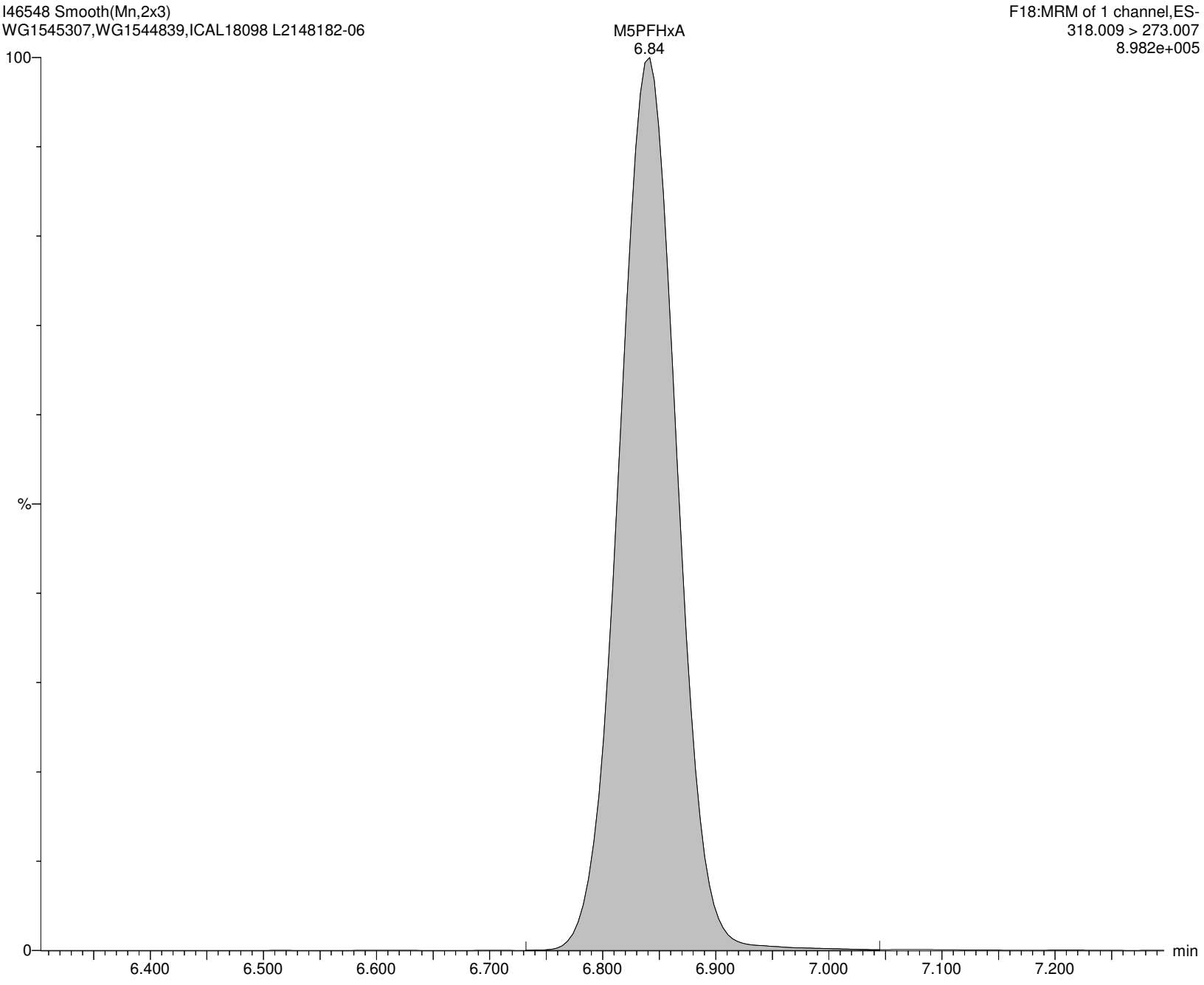


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:09 Eastern Daylight Time

Name: I46548
ID: L2148182-06
Date: 11-Sep-2021
Time: 19:11:22
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFHxA

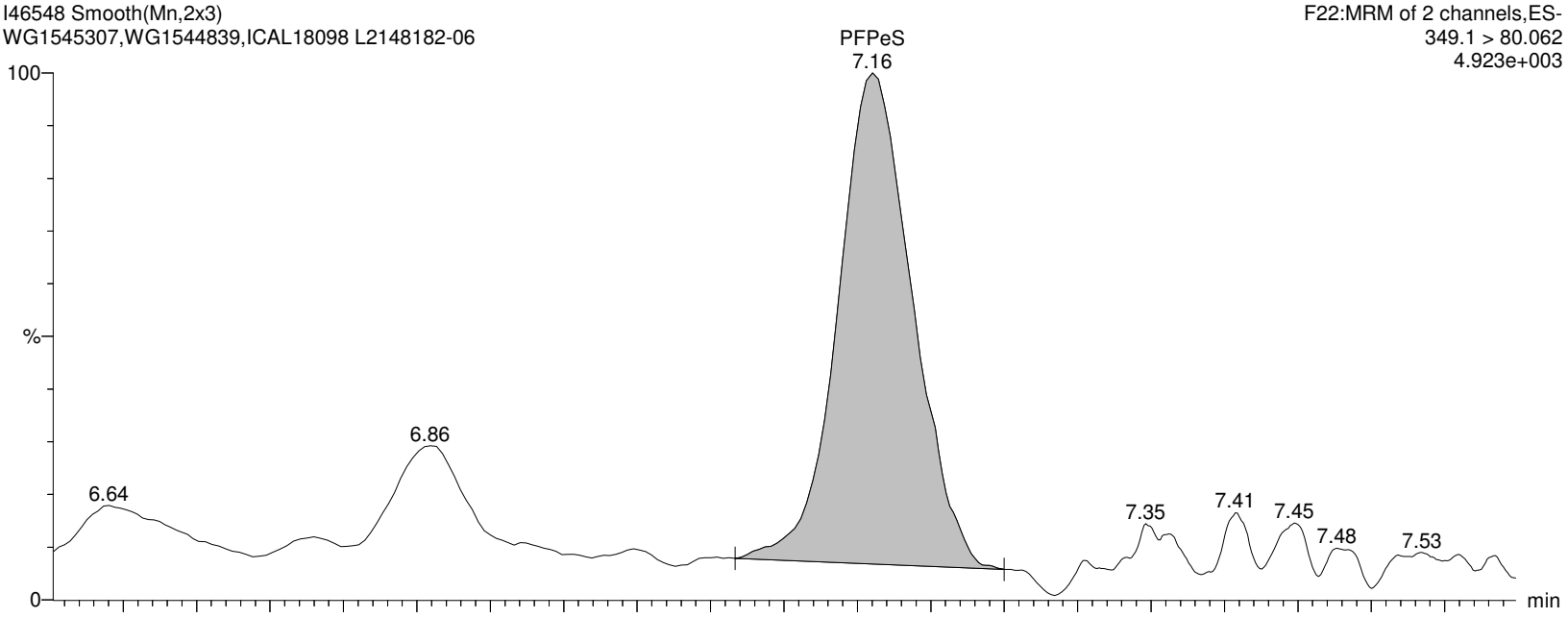


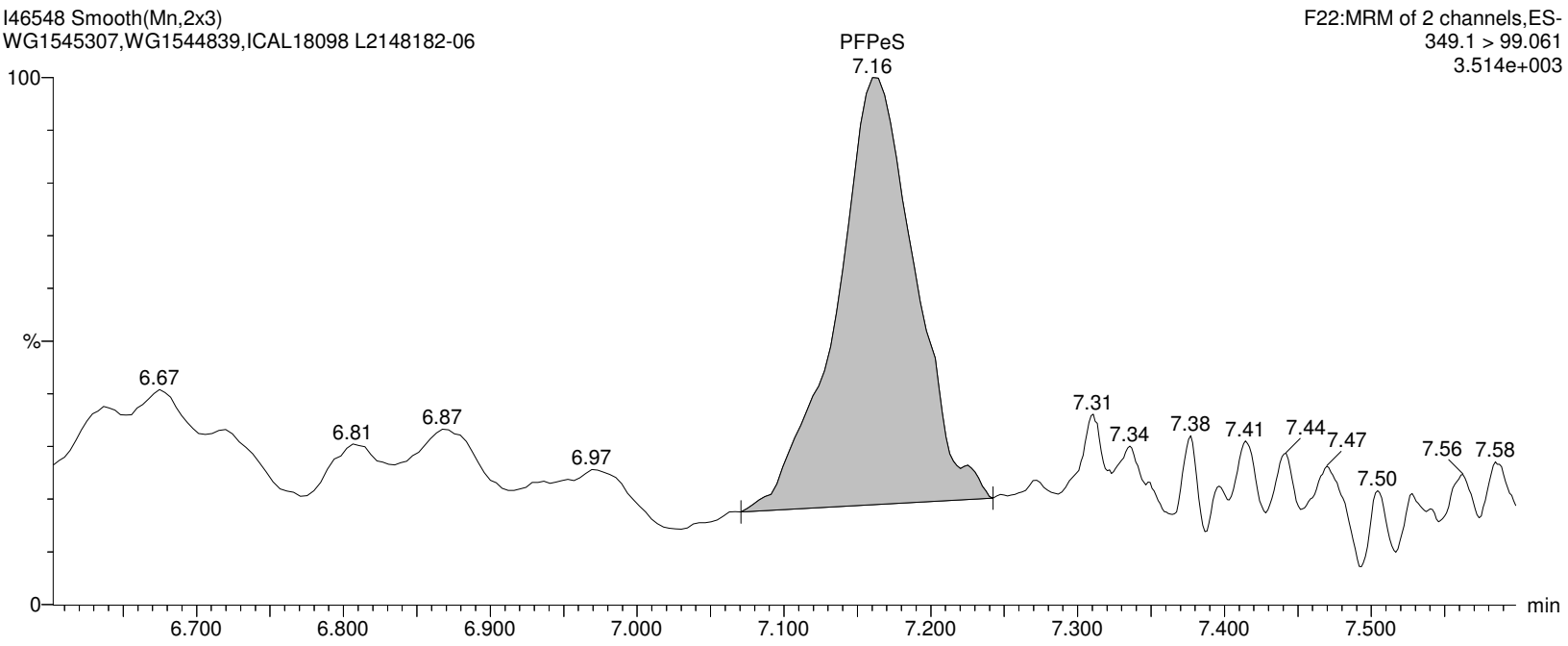
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:09 Eastern Daylight Time

Name: I46548
ID: L2148182-06
Date: 11-Sep-2021
Time: 19:11:22
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeS



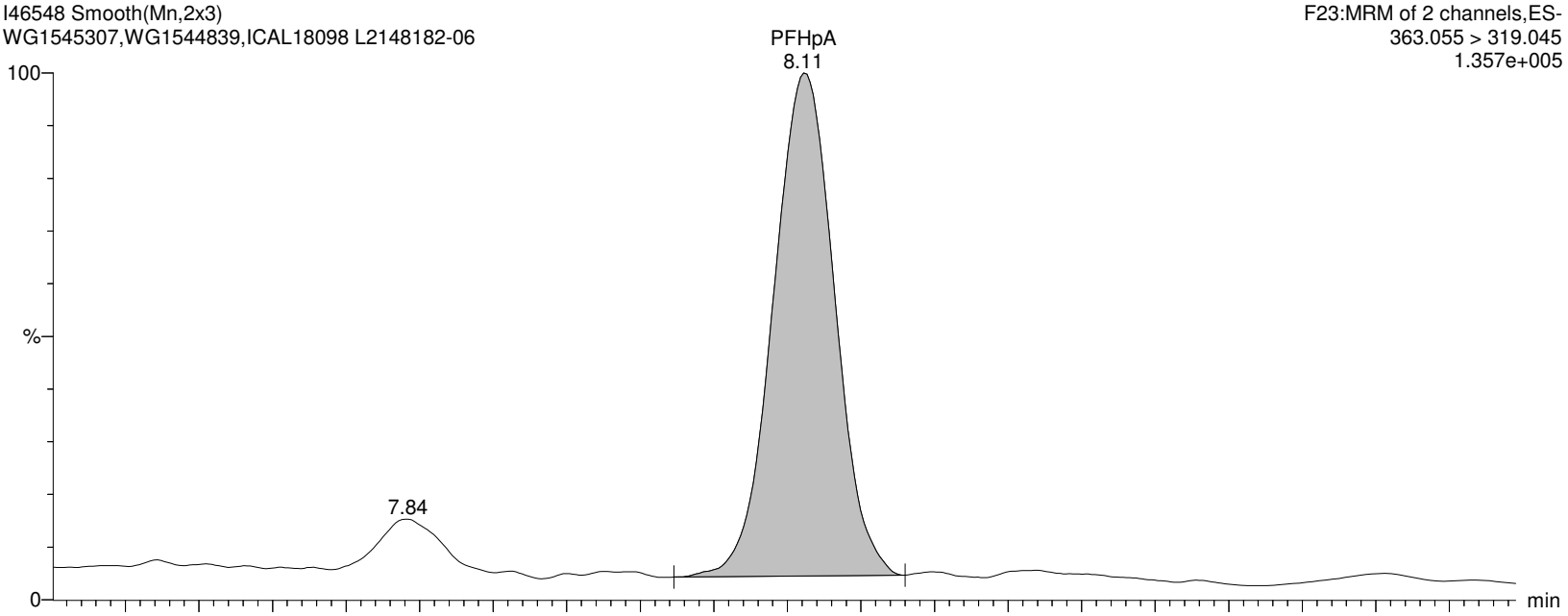


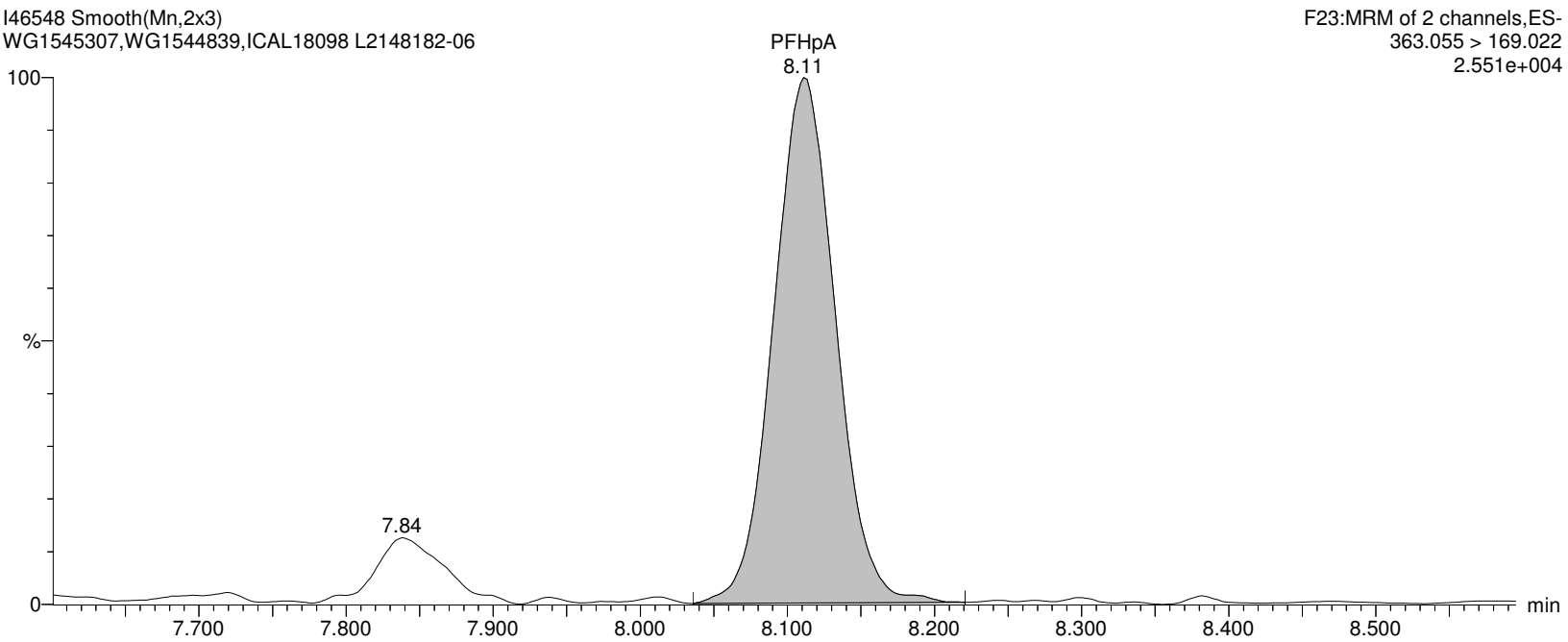
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:09 Eastern Daylight Time

Name: I46548
ID: L2148182-06
Date: 11-Sep-2021
Time: 19:11:22
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpA



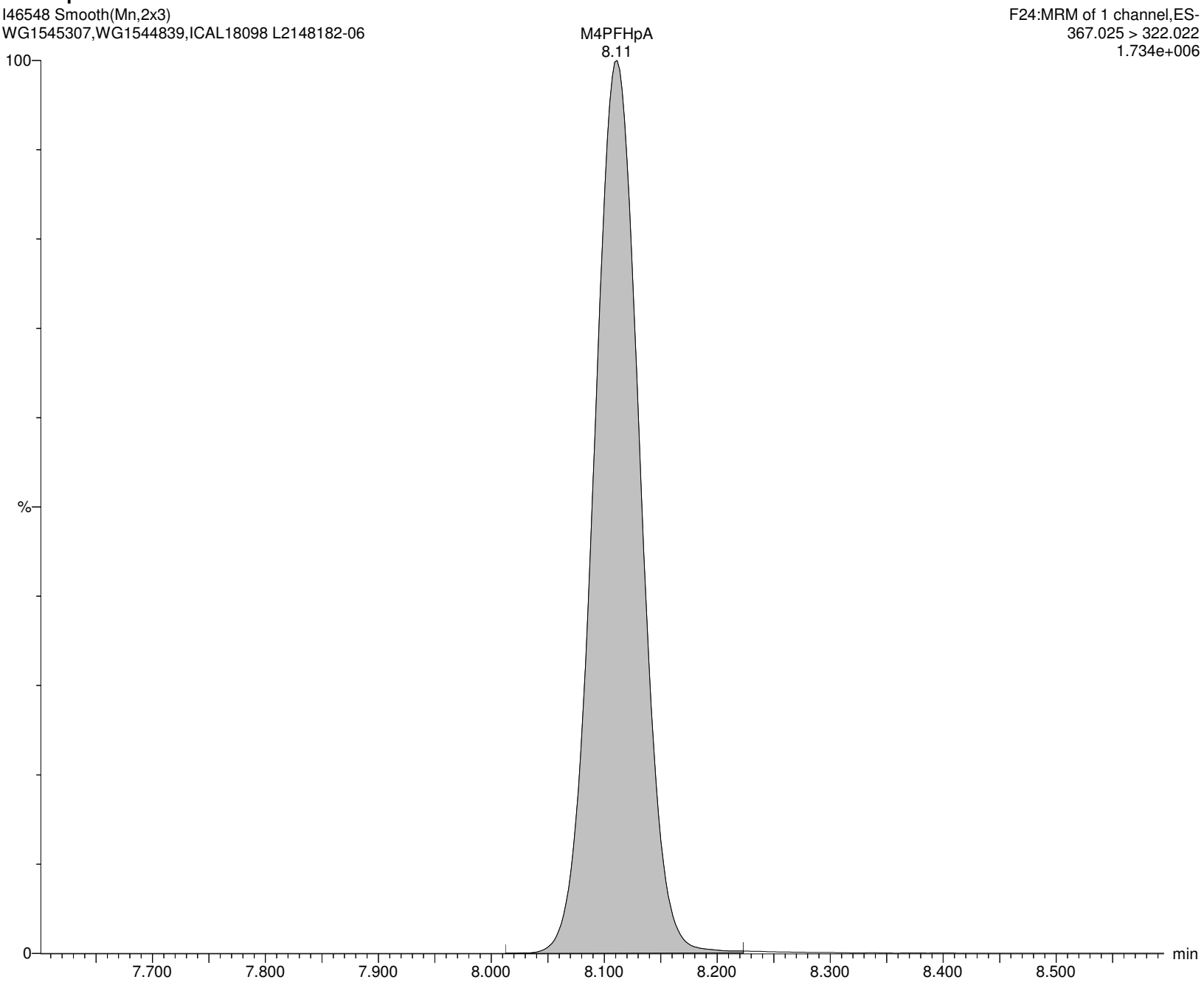


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:09 Eastern Daylight Time

Name: I46548
ID: L2148182-06
Date: 11-Sep-2021
Time: 19:11:22
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFHpA

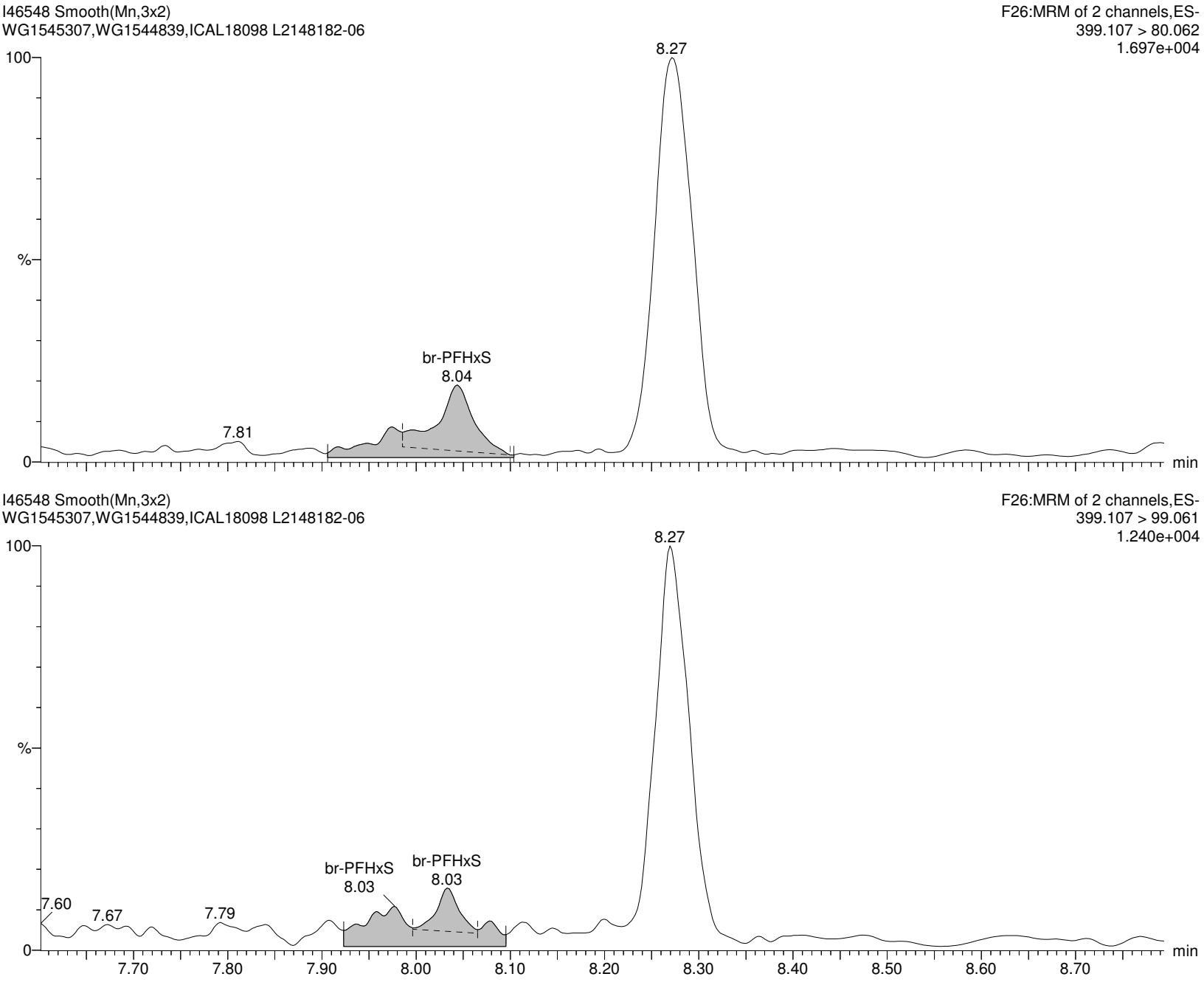


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:09 Eastern Daylight Time

Name: I46548
ID: L2148182-06
Date: 11-Sep-2021
Time: 19:11:22
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFHxS

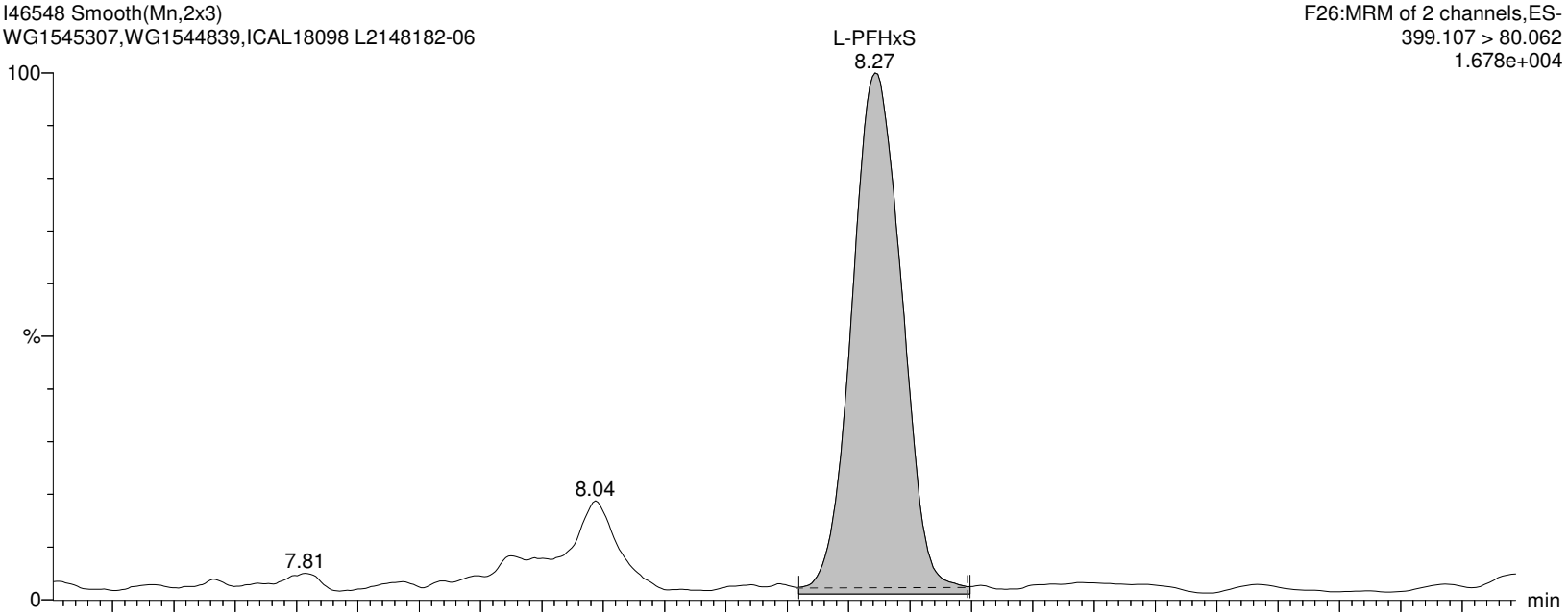


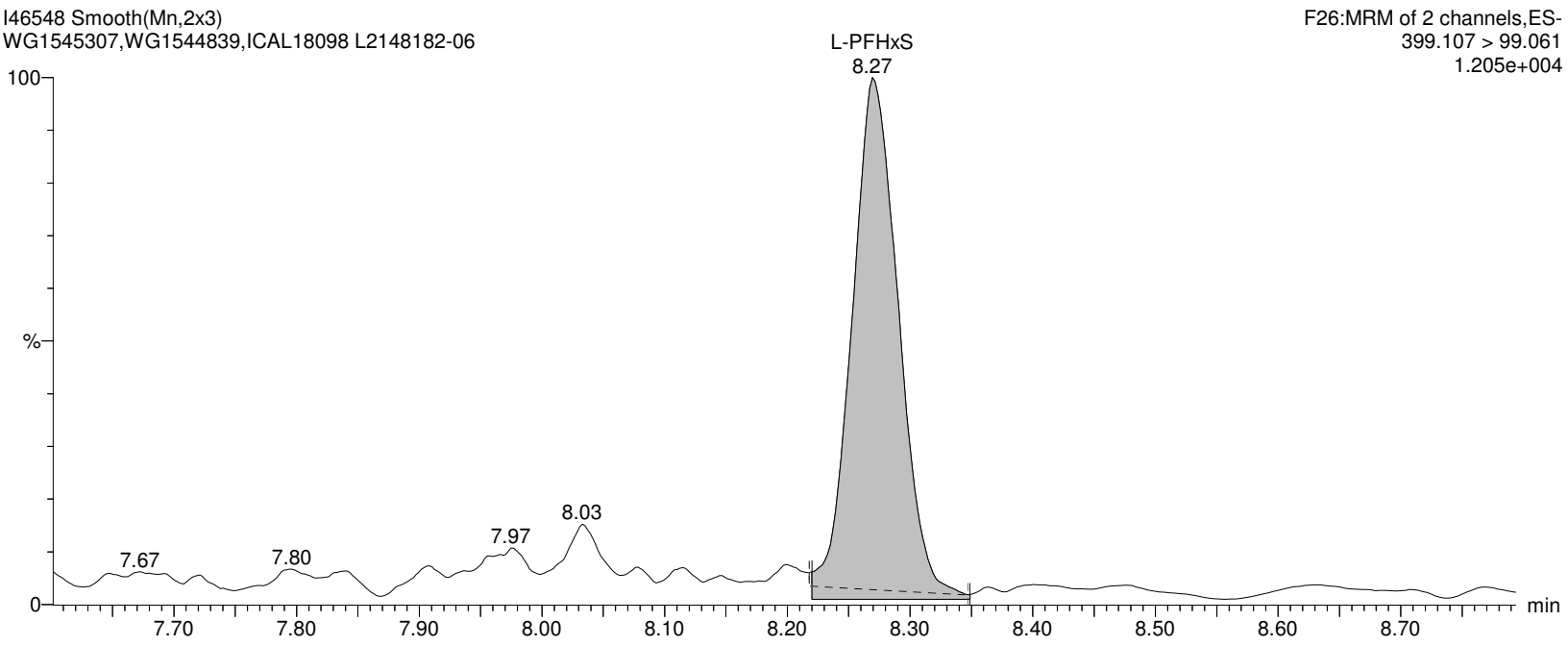
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:09 Eastern Daylight Time

Name: I46548
ID: L2148182-06
Date: 11-Sep-2021
Time: 19:11:22
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFHxS



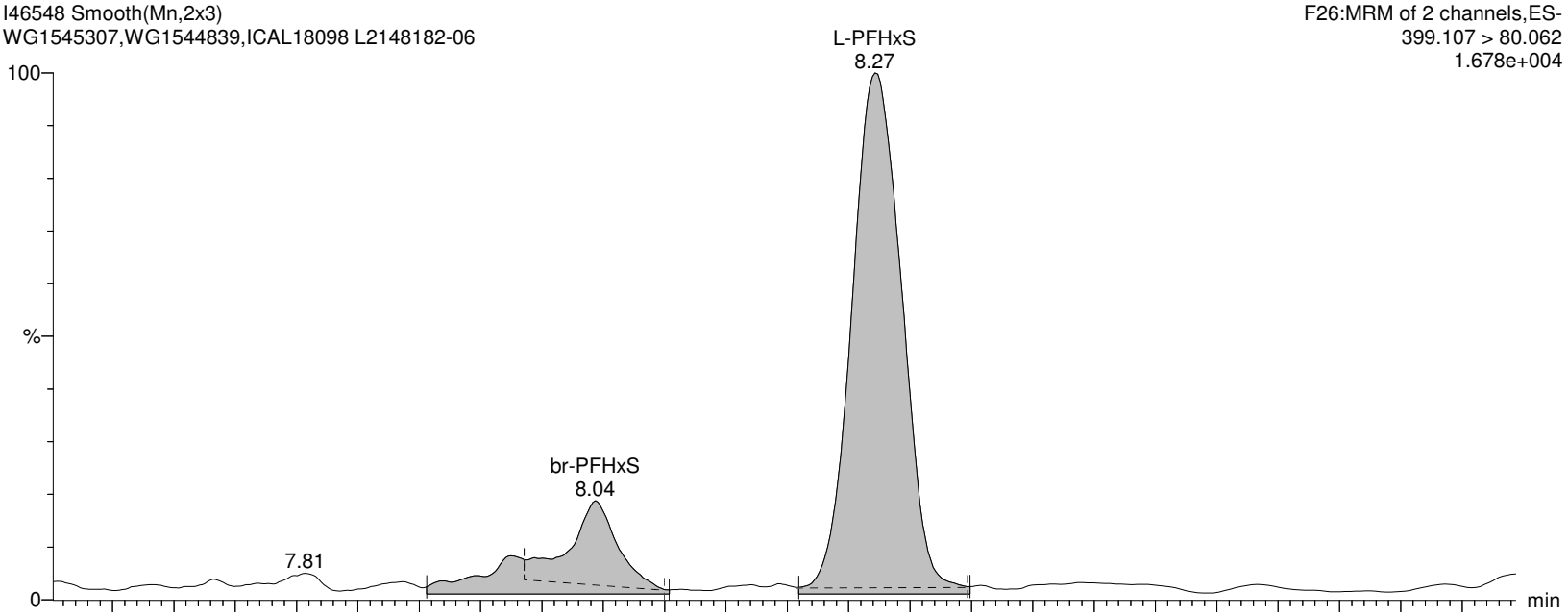


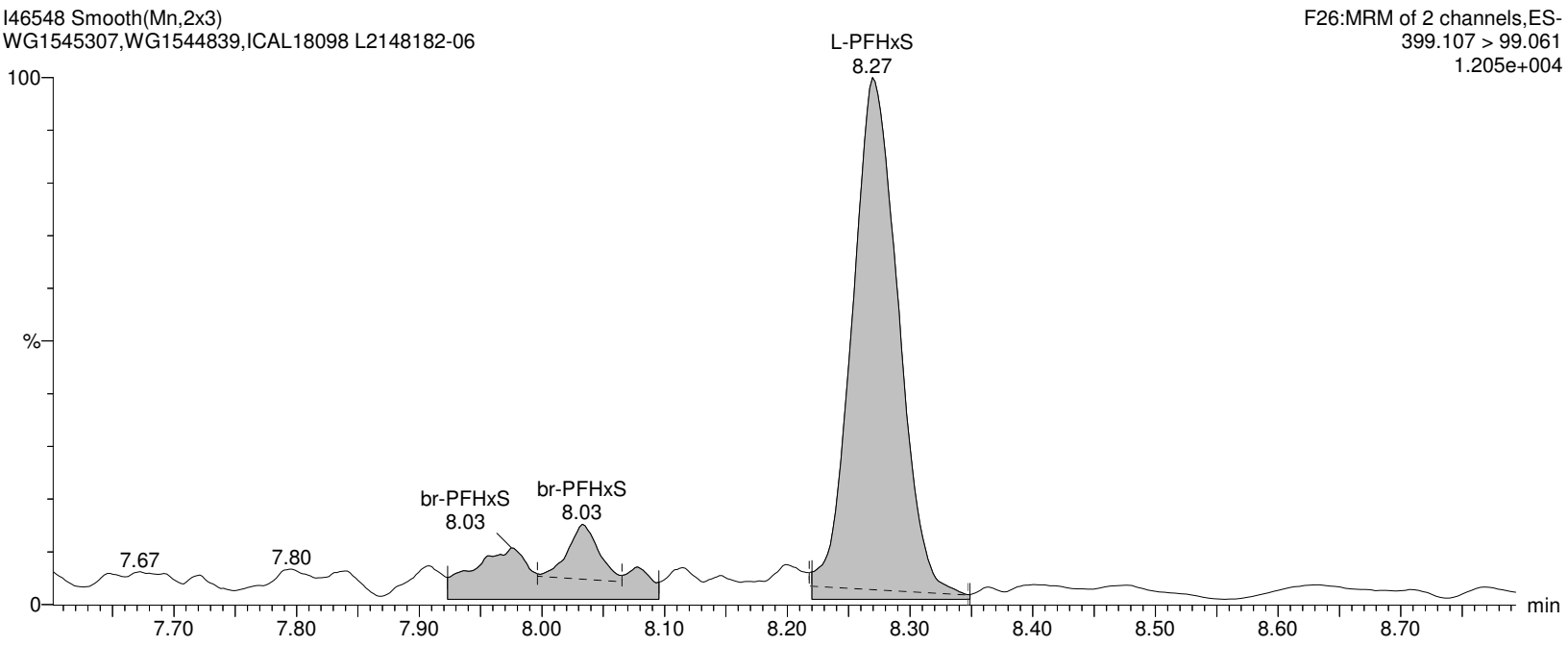
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:09 Eastern Daylight Time

Name: I46548
ID: L2148182-06
Date: 11-Sep-2021
Time: 19:11:22
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxS



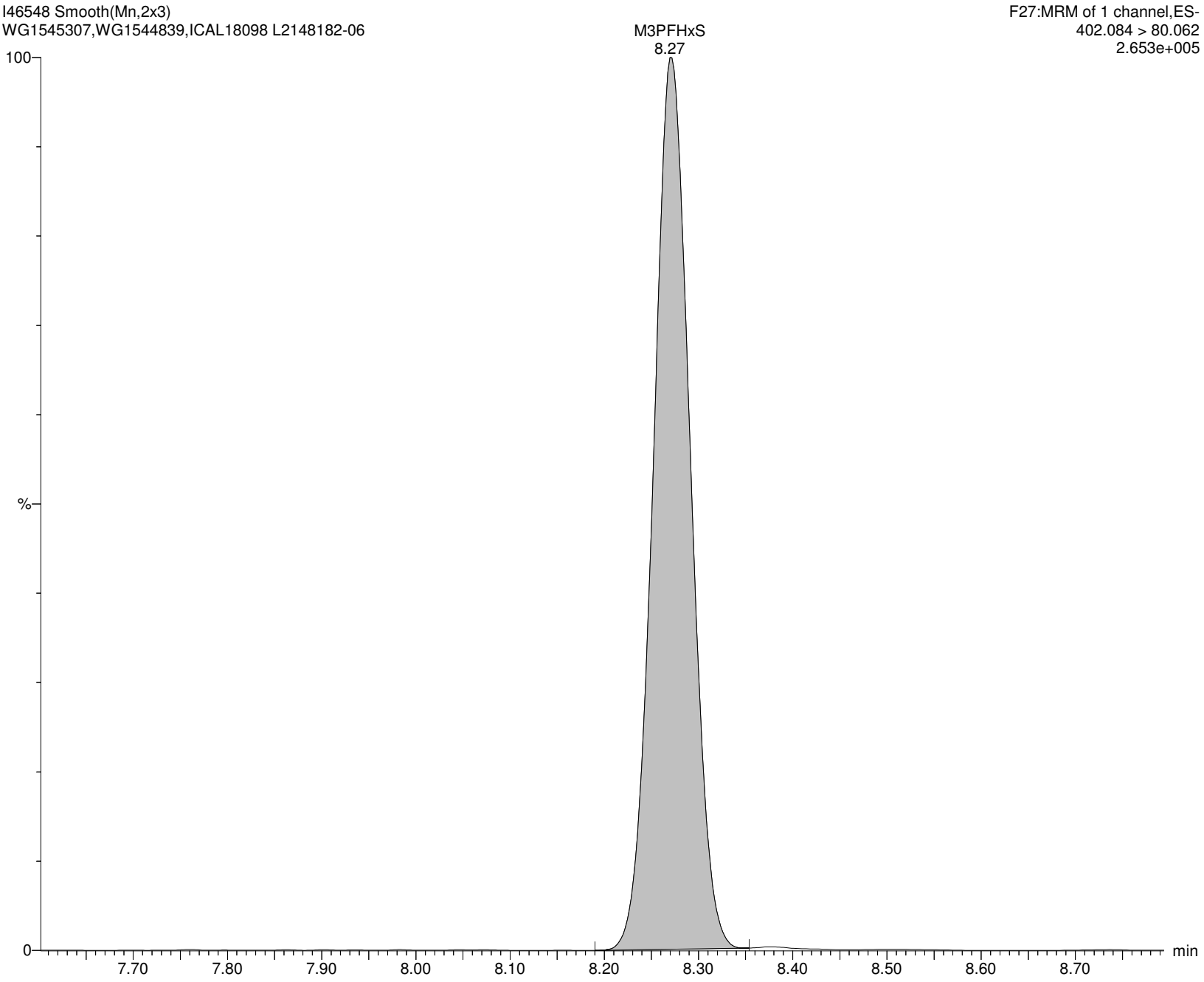


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:09 Eastern Daylight Time

Name: I46548
ID: L2148182-06
Date: 11-Sep-2021
Time: 19:11:22
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFHxS

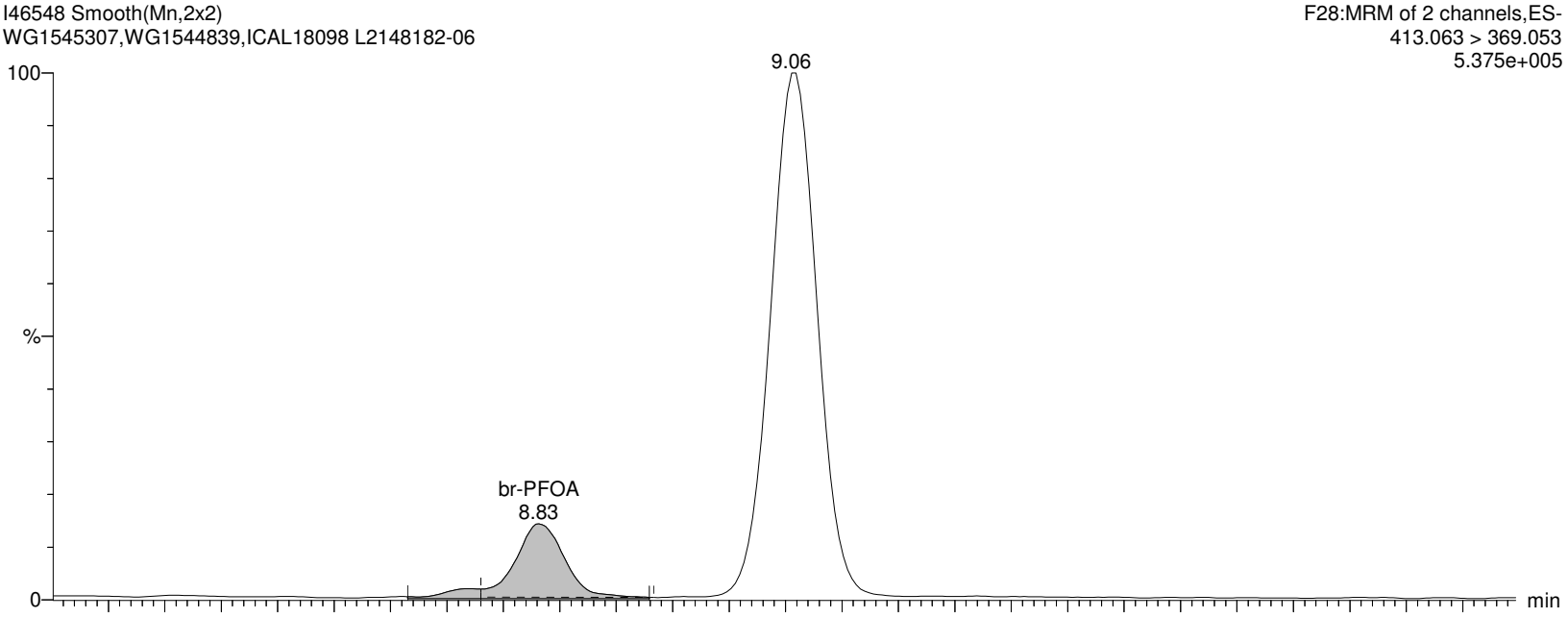


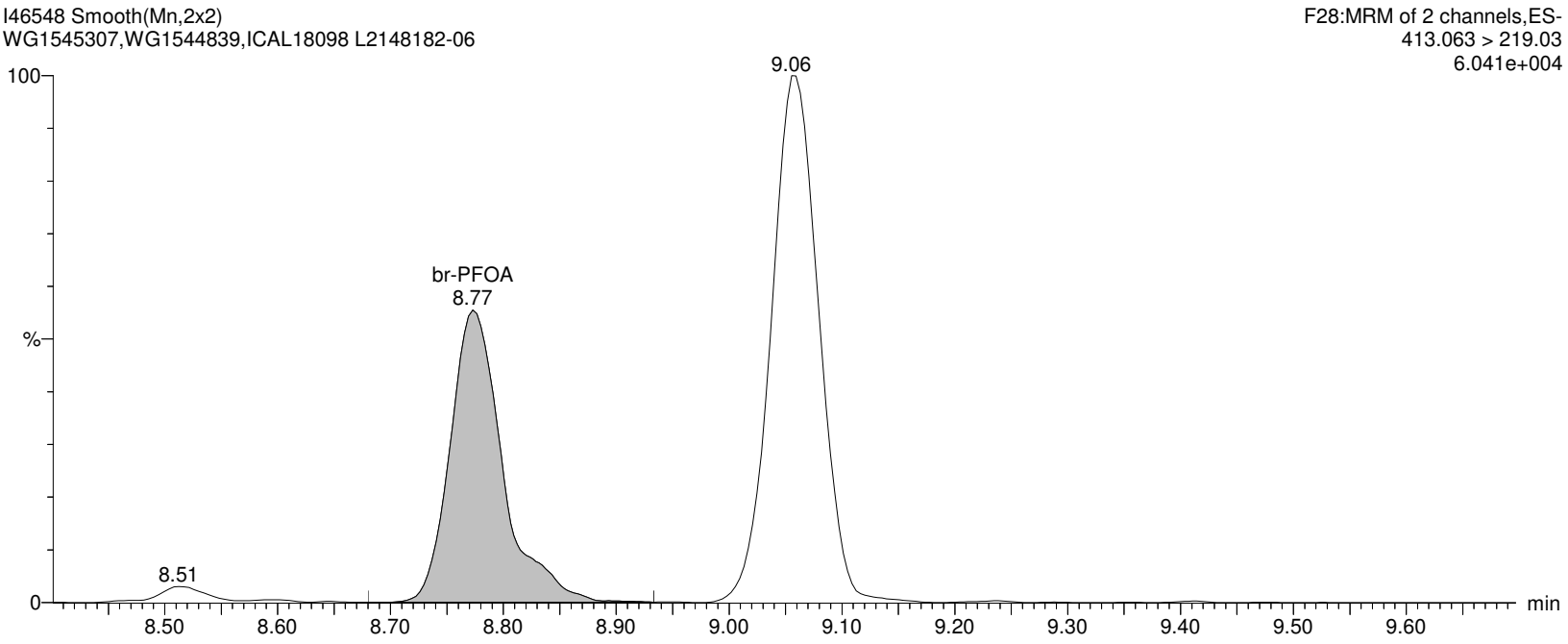
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:09 Eastern Daylight Time

Name: I46548
ID: L2148182-06
Date: 11-Sep-2021
Time: 19:11:22
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOA



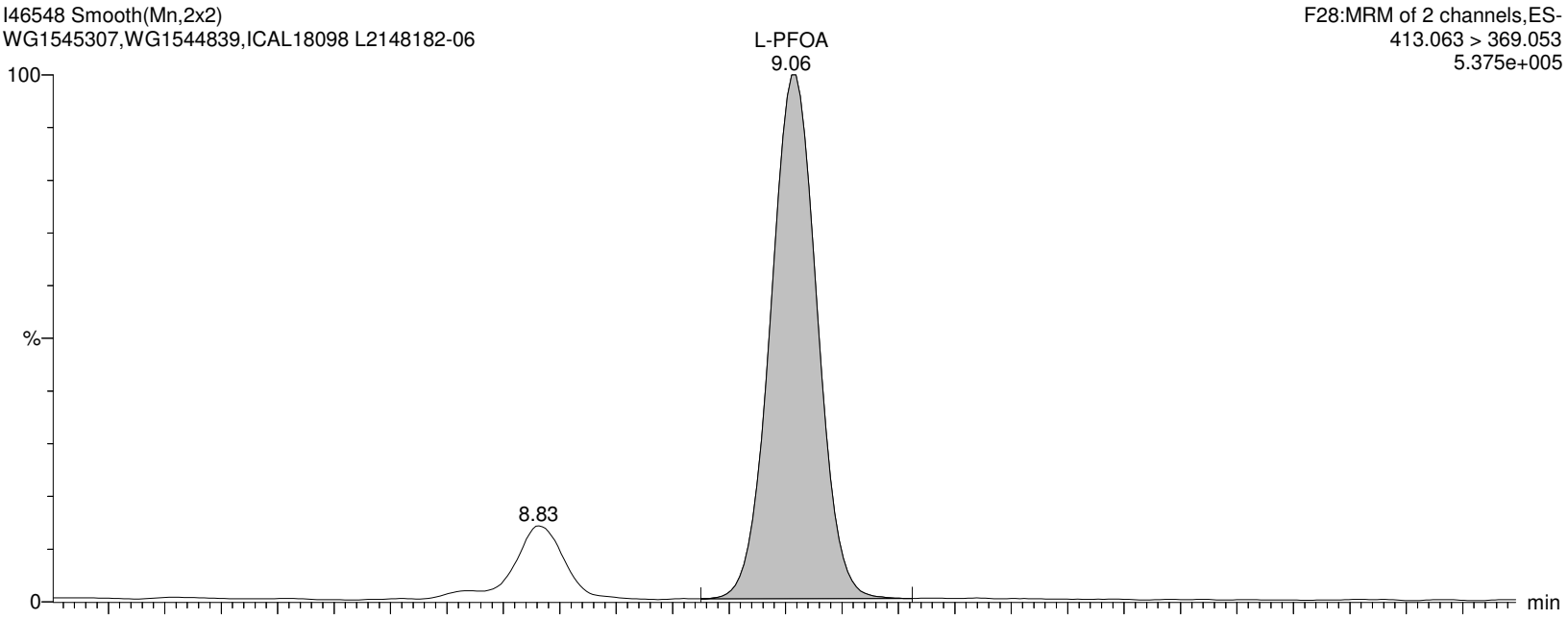


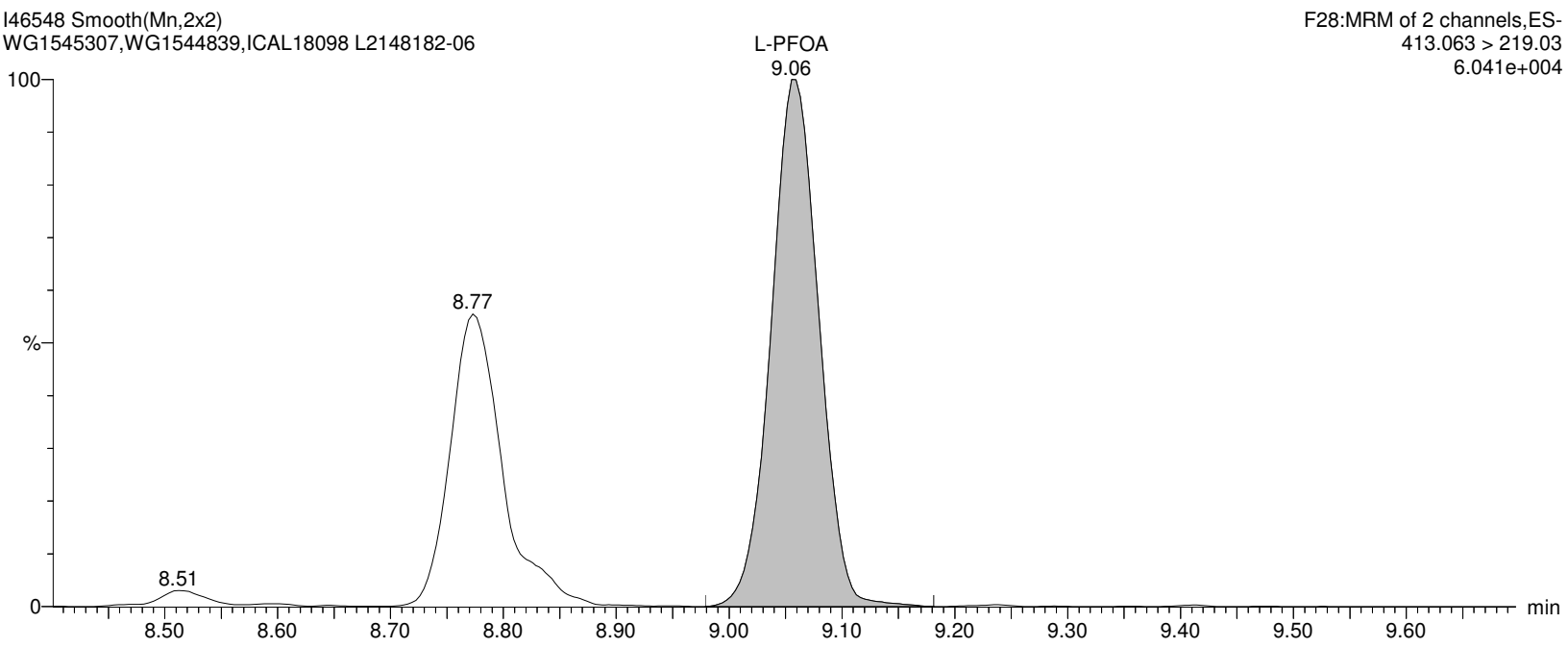
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:09 Eastern Daylight Time

Name: I46548
ID: L2148182-06
Date: 11-Sep-2021
Time: 19:11:22
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOA



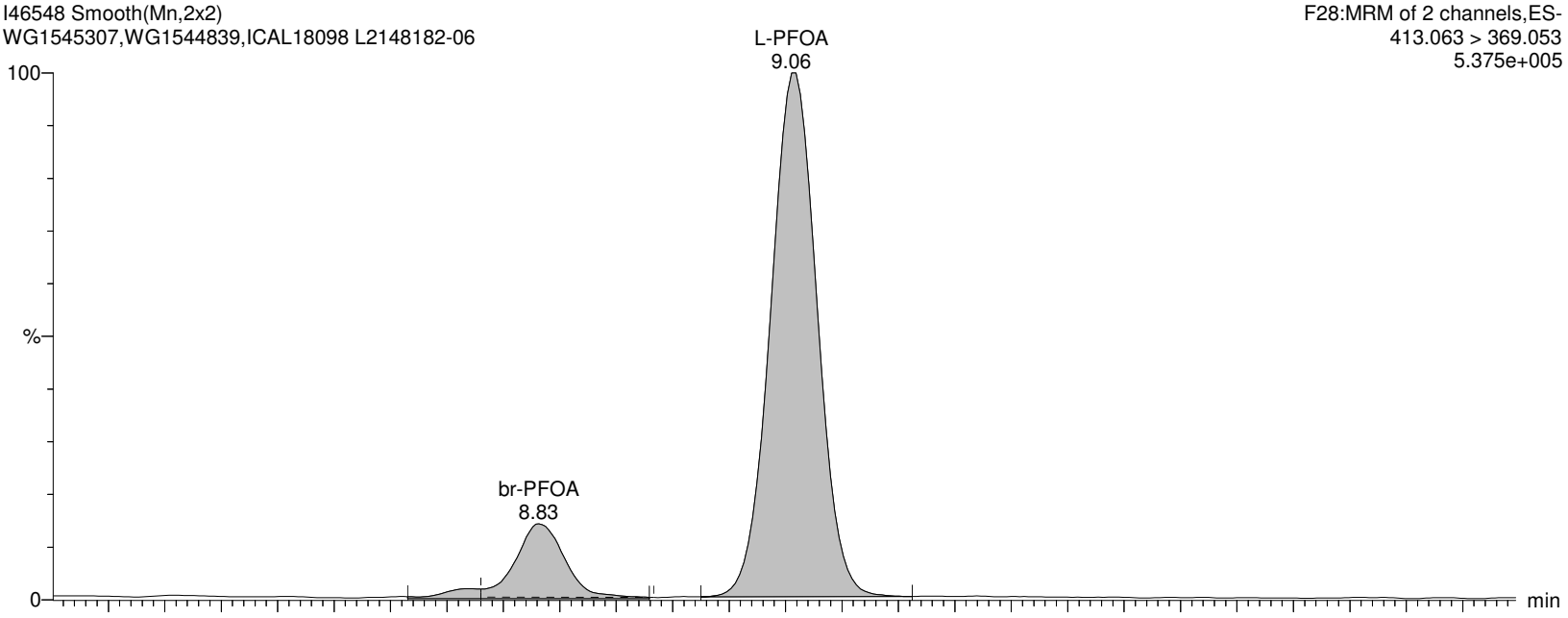


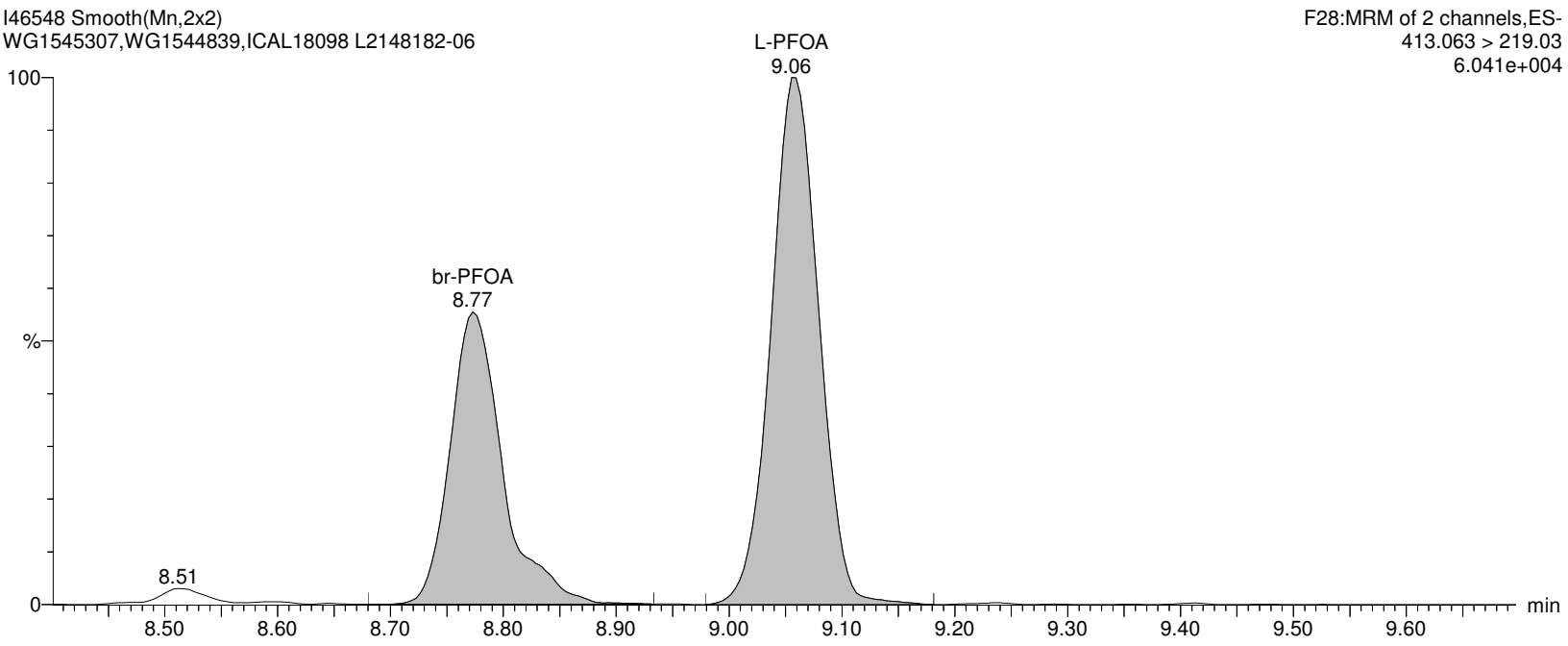
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:09 Eastern Daylight Time

Name: I46548
ID: L2148182-06
Date: 11-Sep-2021
Time: 19:11:22
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOA



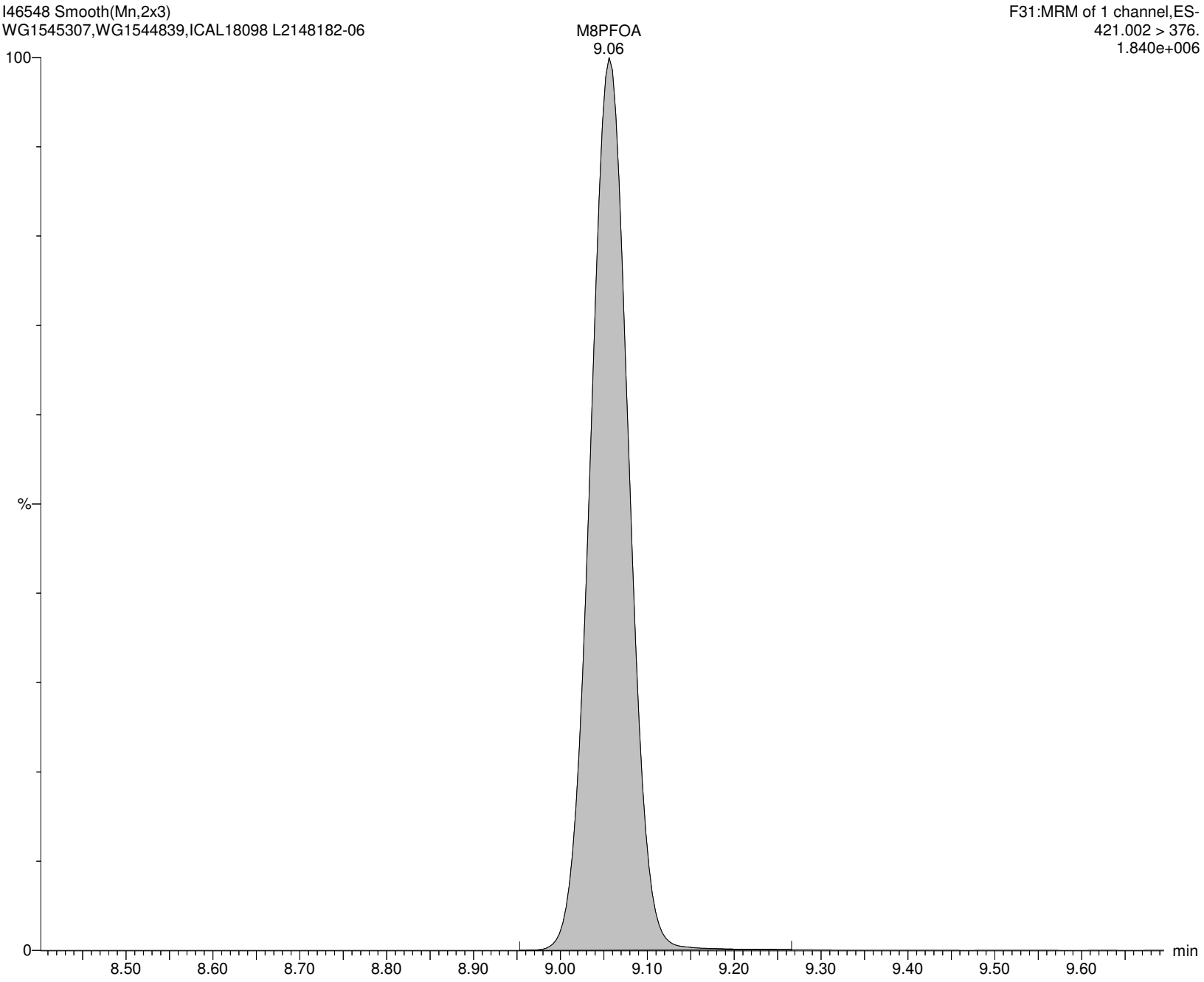


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:09 Eastern Daylight Time

Name: I46548
ID: L2148182-06
Date: 11-Sep-2021
Time: 19:11:22
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOA

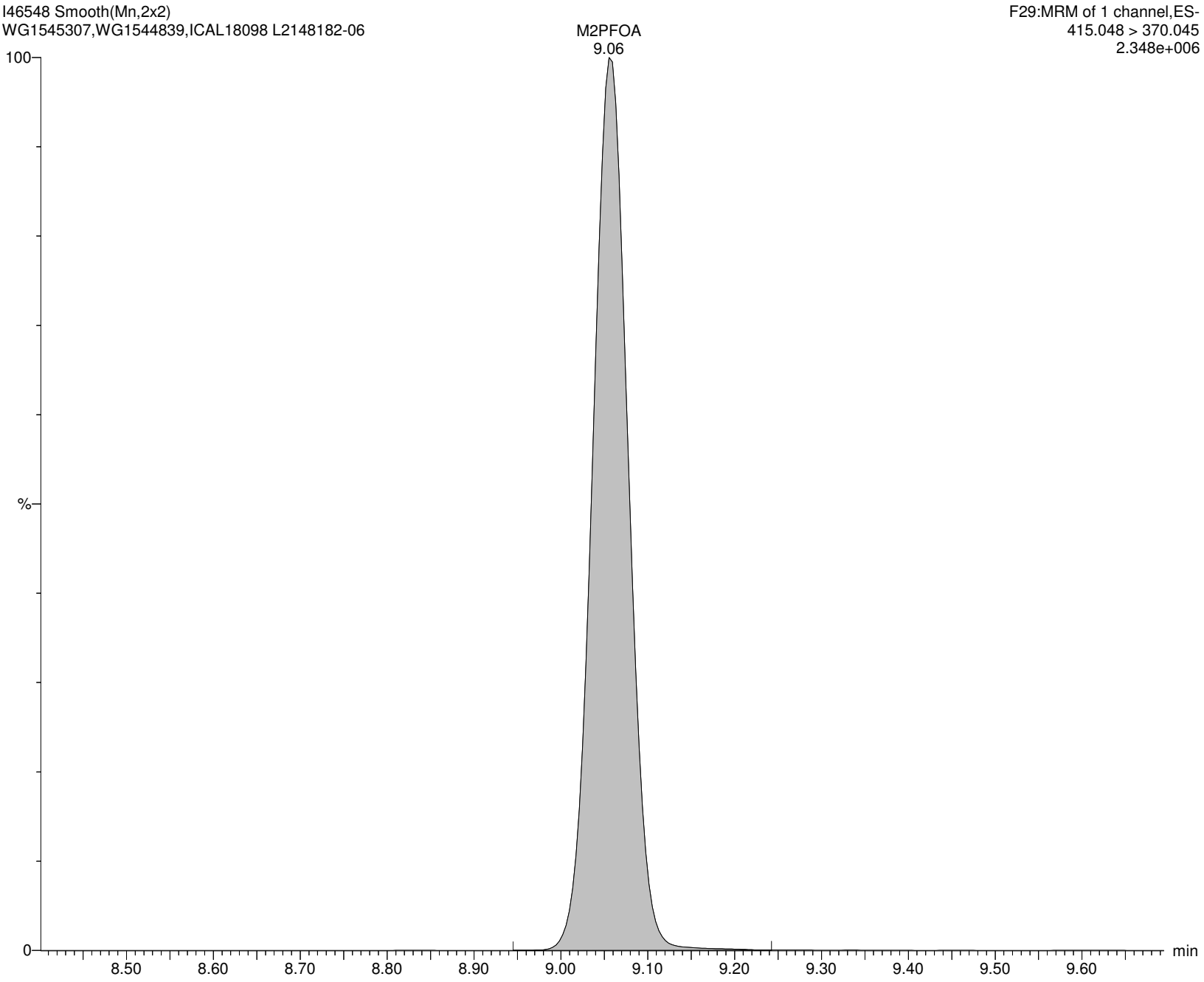


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:09 Eastern Daylight Time

Name: I46548
ID: L2148182-06
Date: 11-Sep-2021
Time: 19:11:22
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFOA

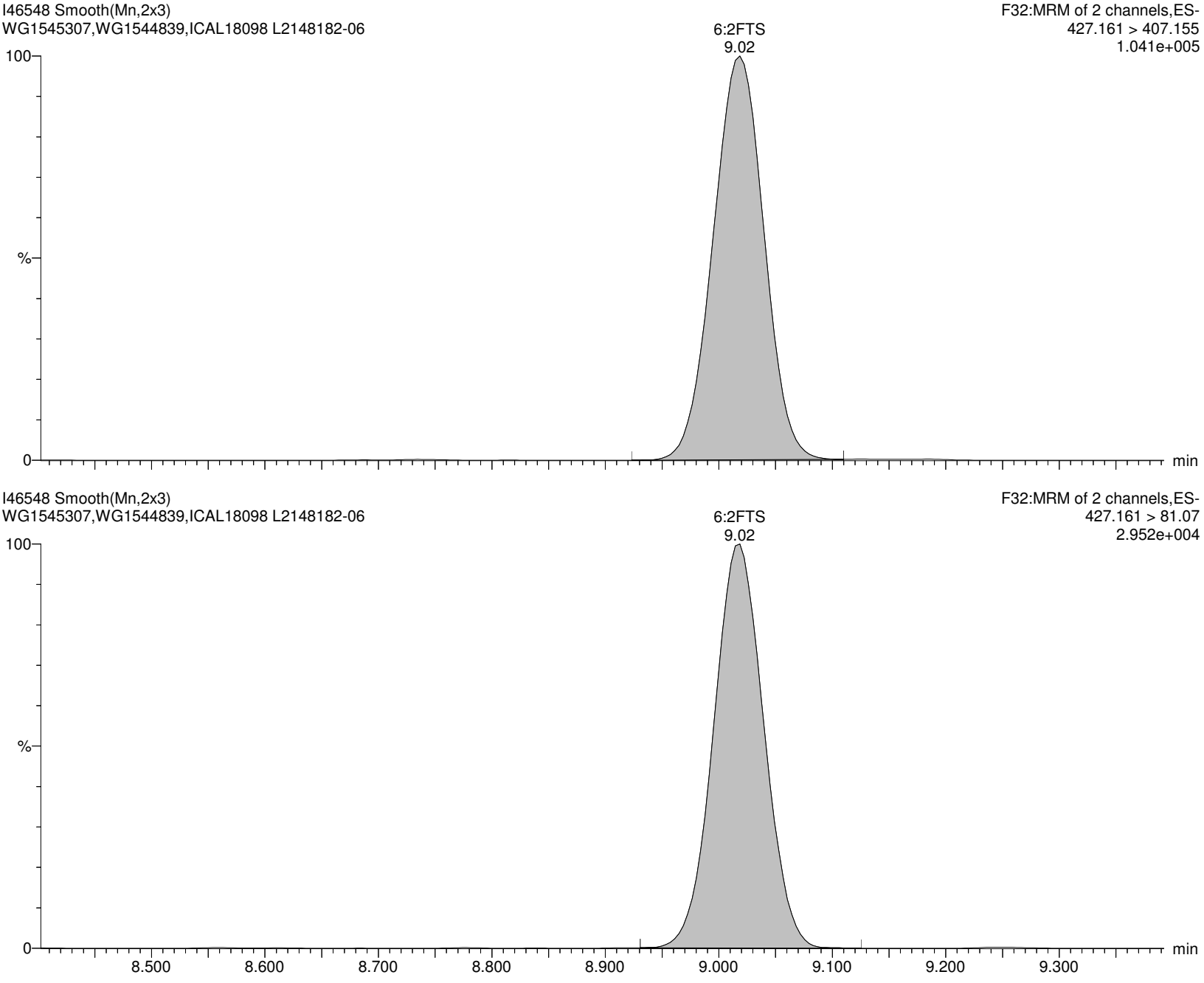


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:09 Eastern Daylight Time

Name: I46548
ID: L2148182-06
Date: 11-Sep-2021
Time: 19:11:22
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

6:2FTS

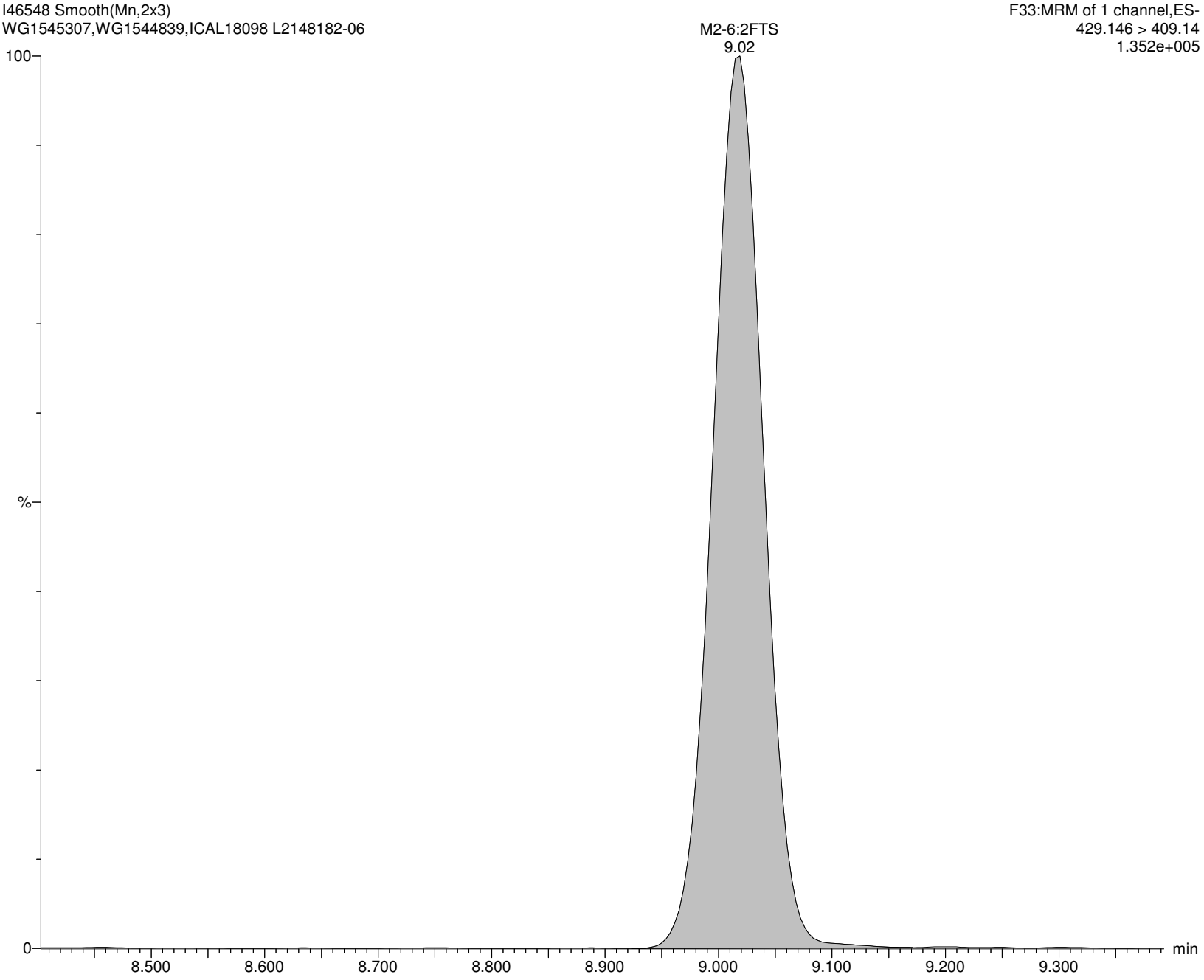


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:09 Eastern Daylight Time

Name: I46548
ID: L2148182-06
Date: 11-Sep-2021
Time: 19:11:22
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-6:2FTS

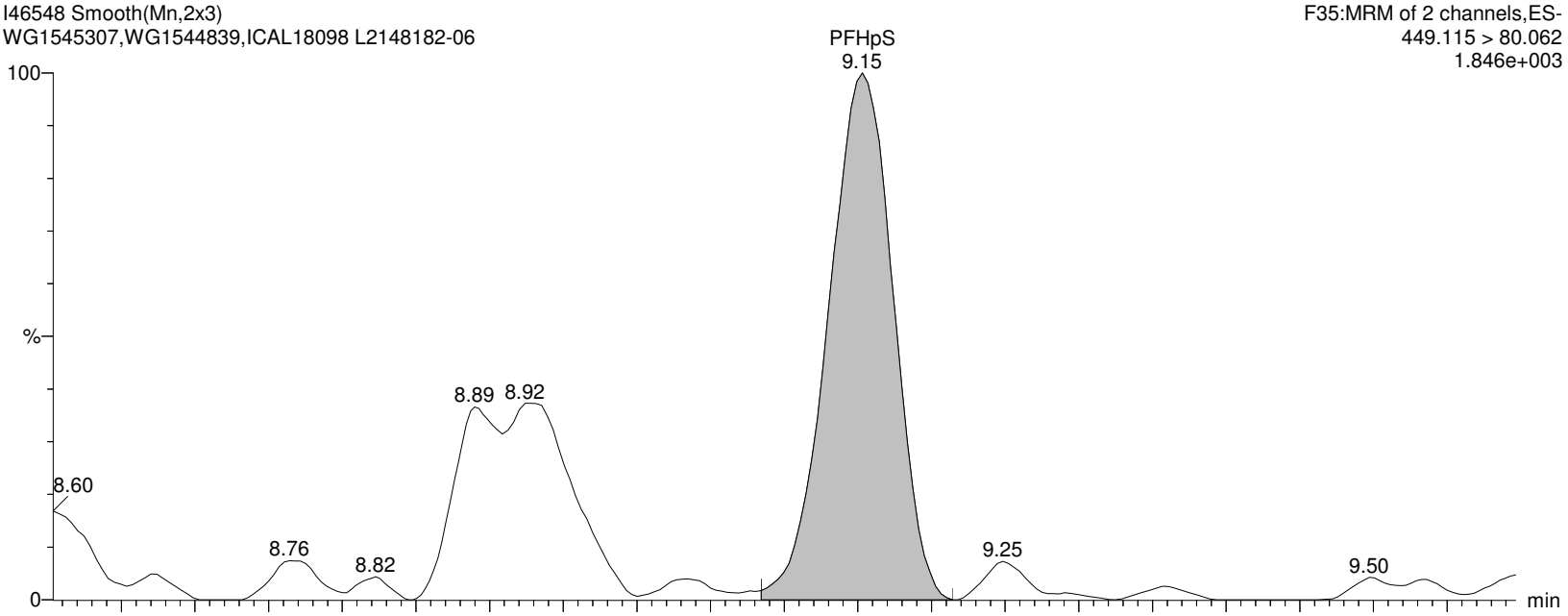


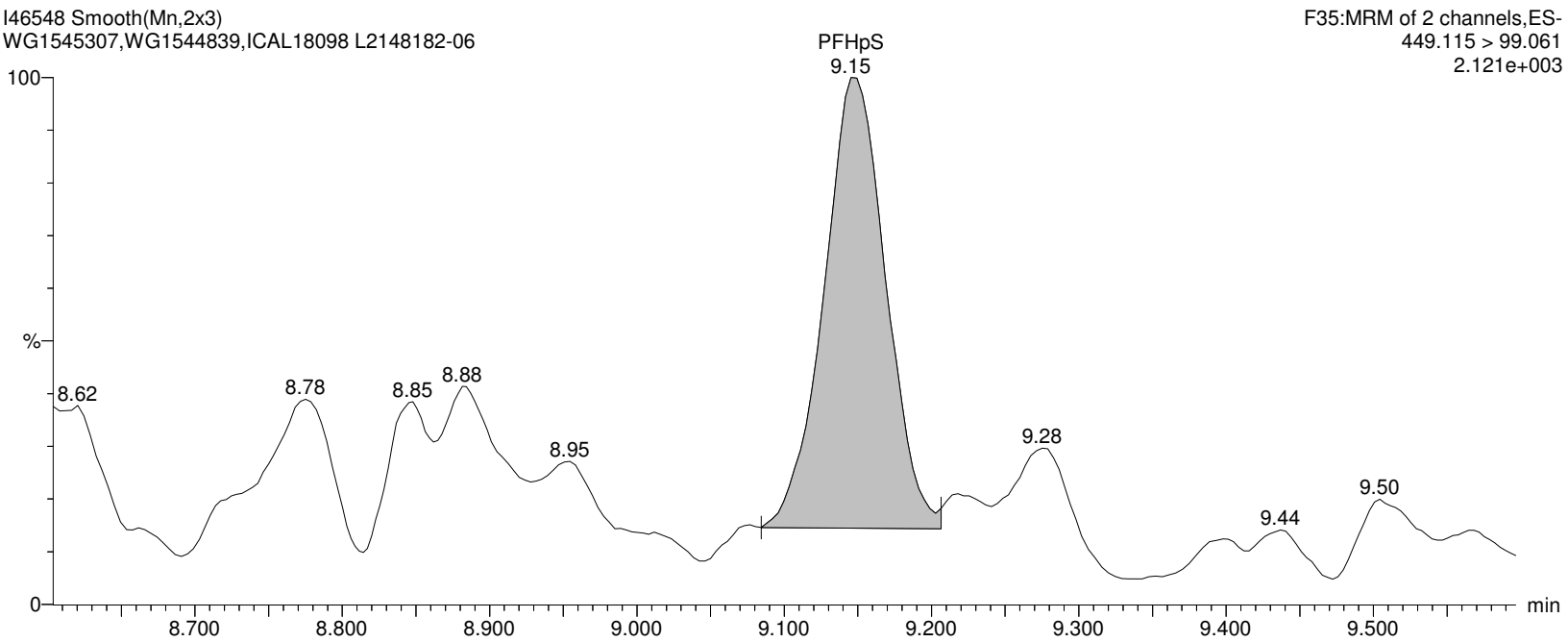
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:09 Eastern Daylight Time

Name: I46548
ID: L2148182-06
Date: 11-Sep-2021
Time: 19:11:22
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpS



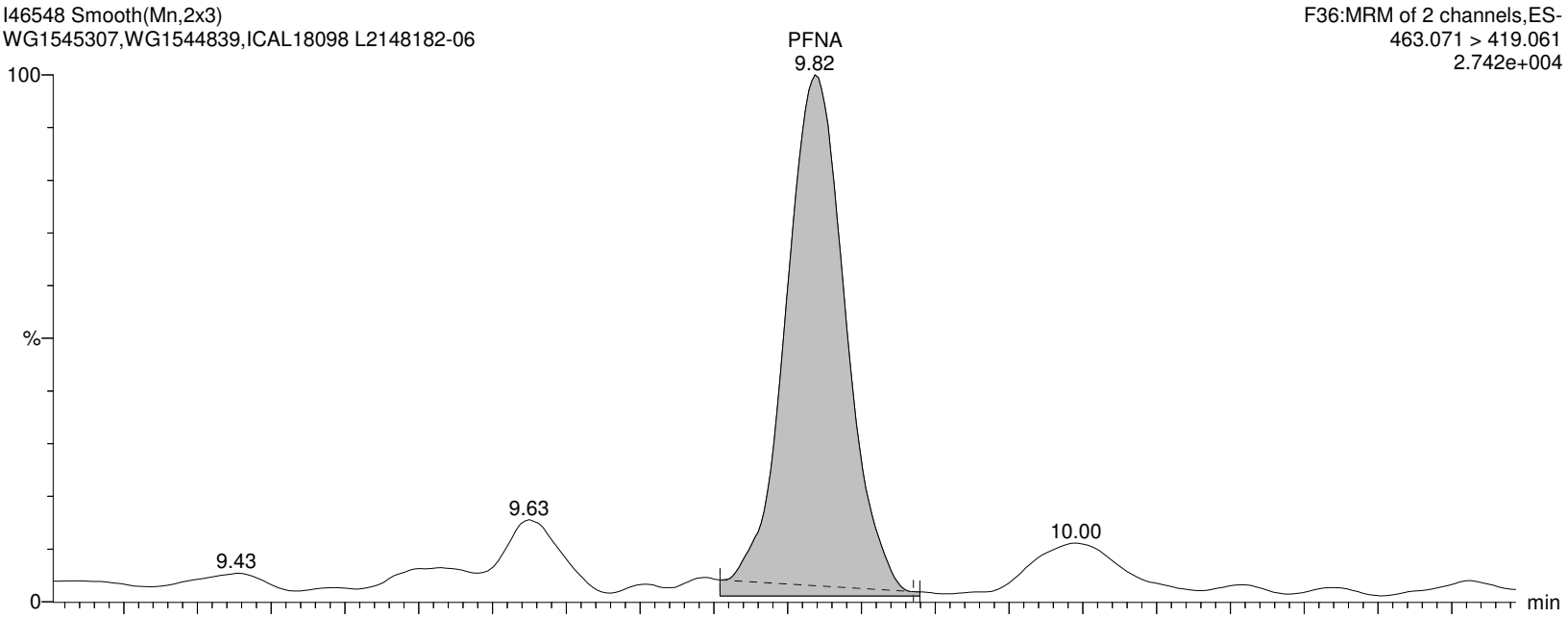


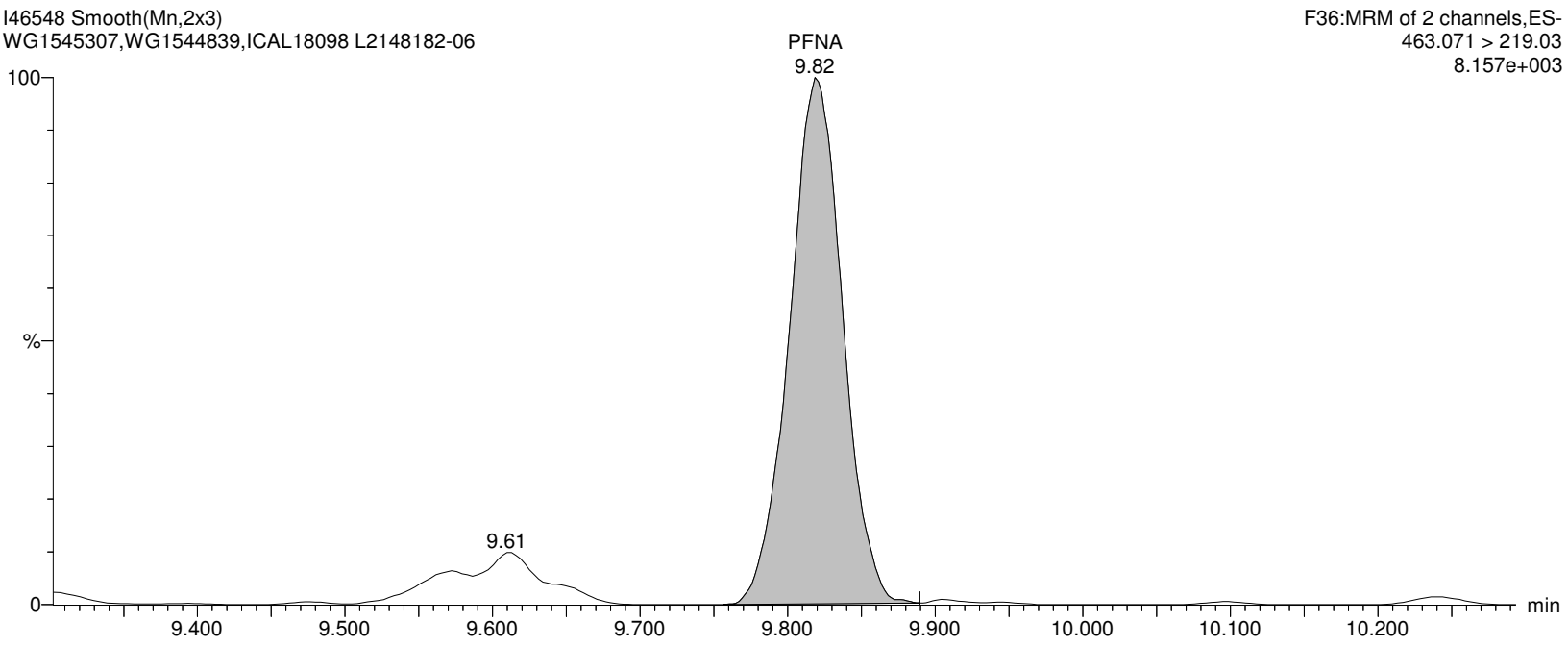
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:09 Eastern Daylight Time

Name: I46548
ID: L2148182-06
Date: 11-Sep-2021
Time: 19:11:22
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNA



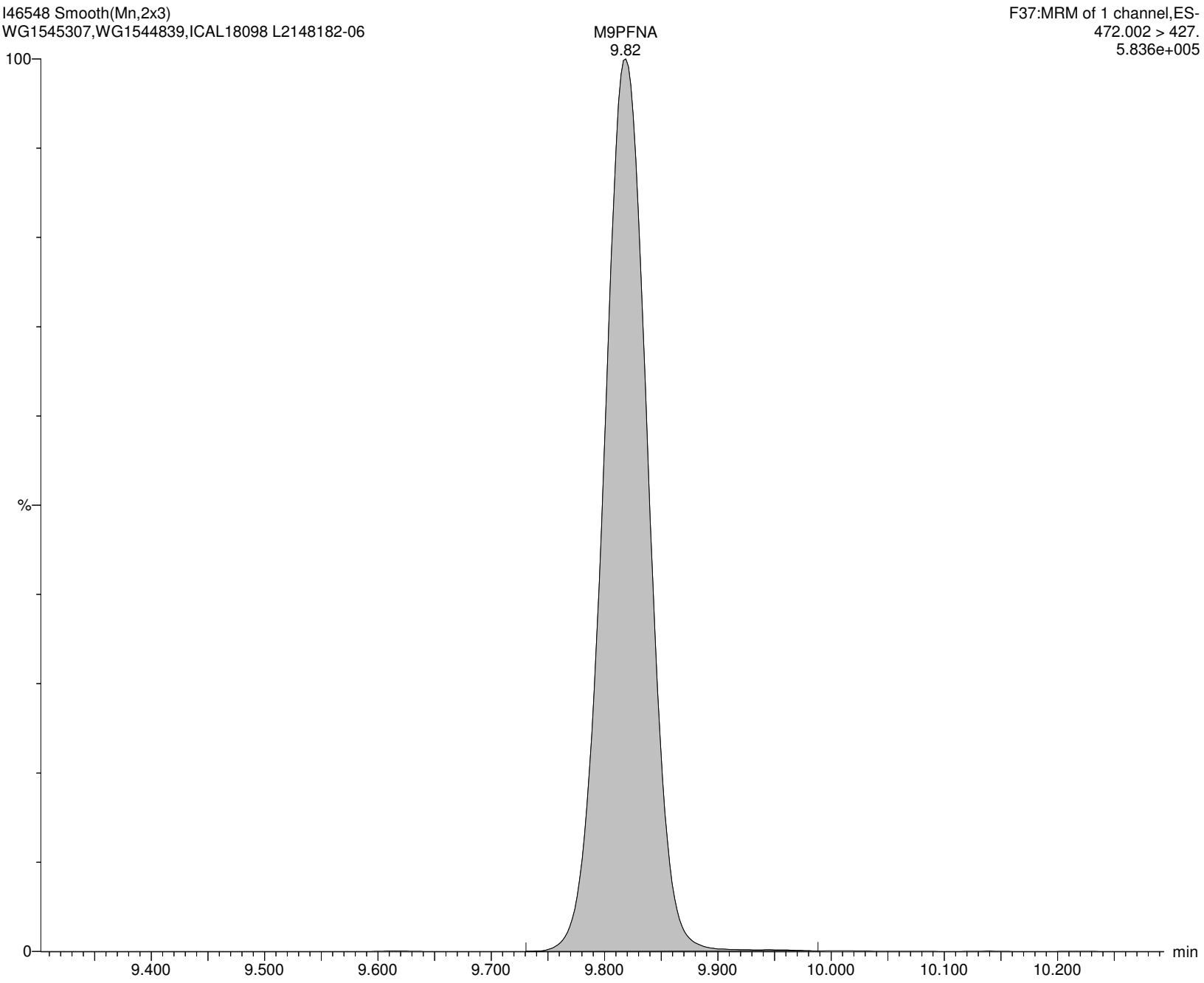


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:09 Eastern Daylight Time

Name: I46548
ID: L2148182-06
Date: 11-Sep-2021
Time: 19:11:22
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M9PFNA

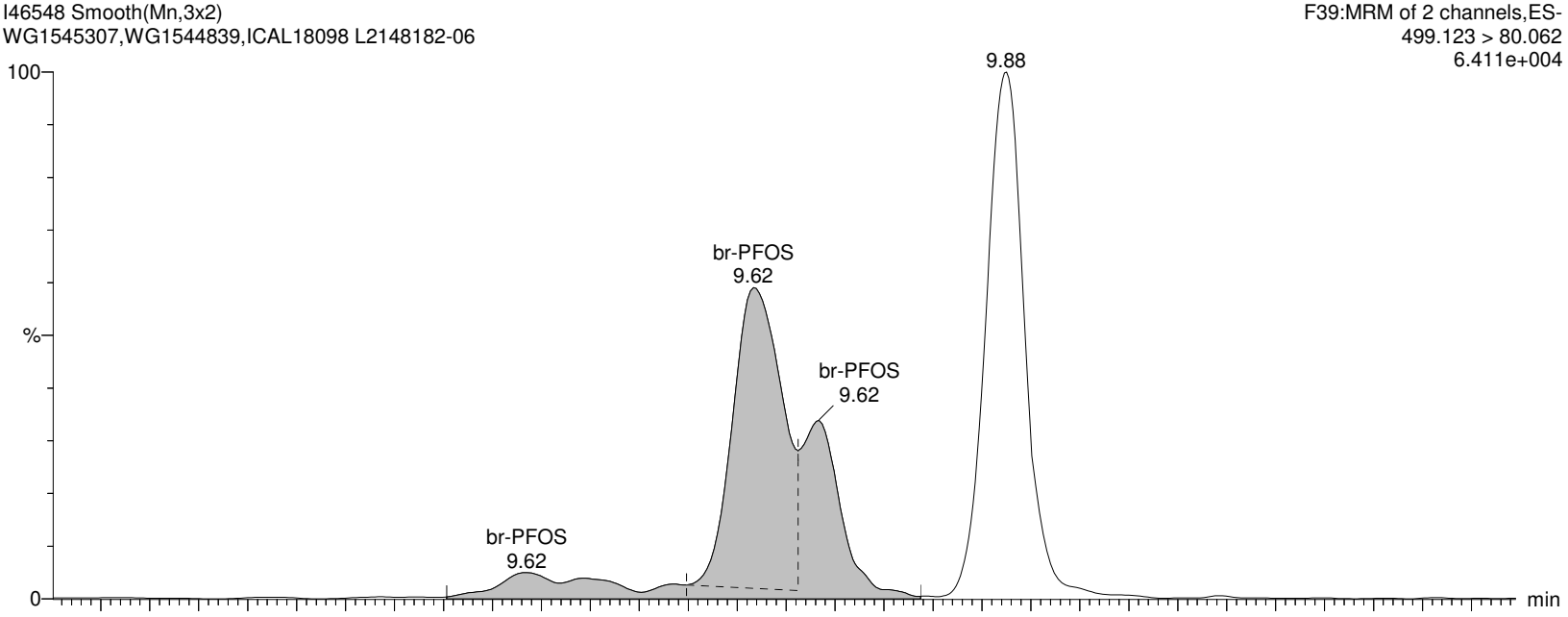


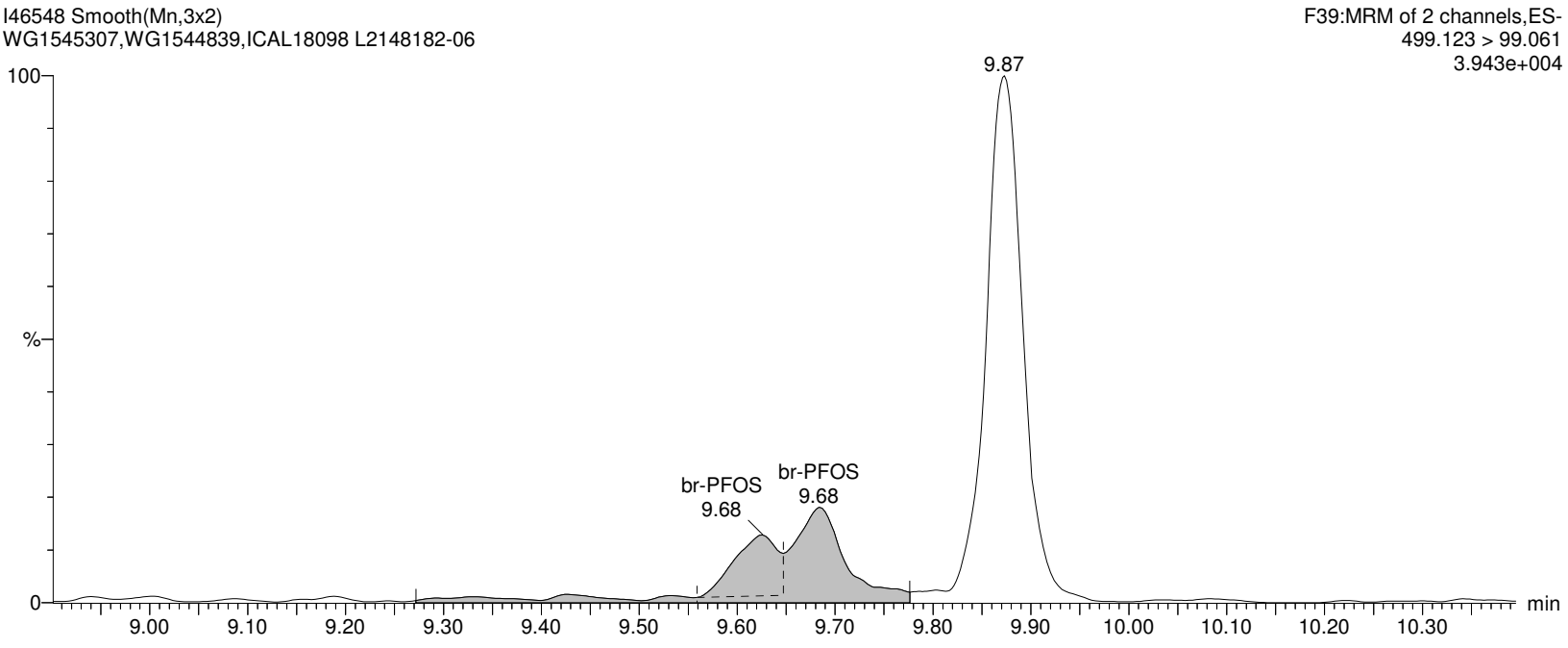
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:09 Eastern Daylight Time

Name: I46548
ID: L2148182-06
Date: 11-Sep-2021
Time: 19:11:22
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOS



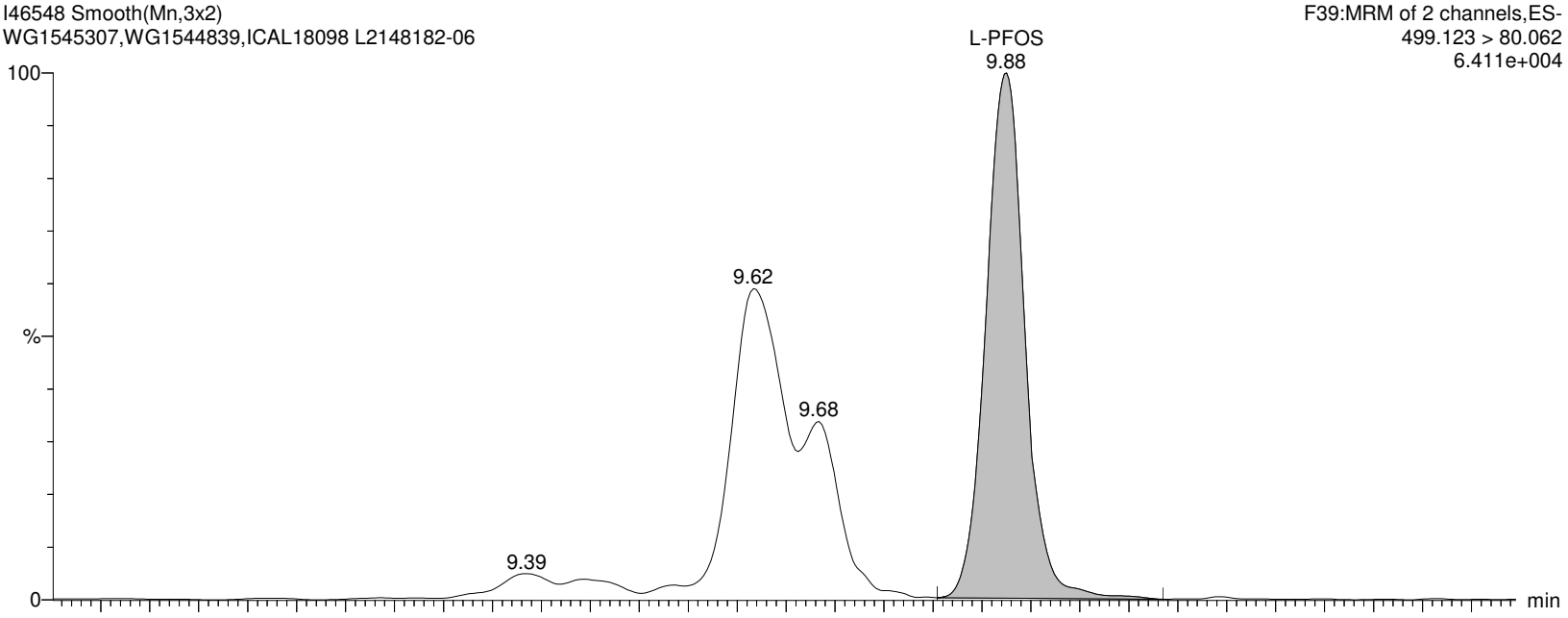


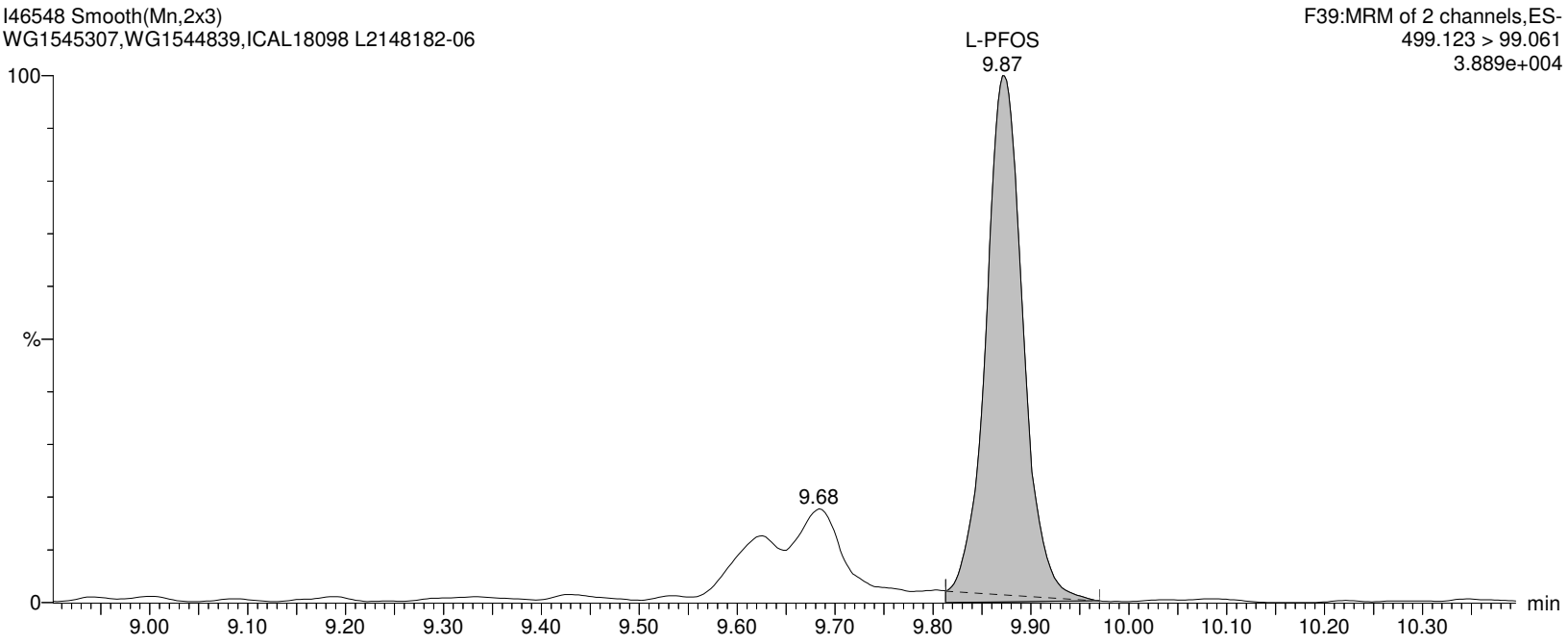
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:09 Eastern Daylight Time

Name: I46548
ID: L2148182-06
Date: 11-Sep-2021
Time: 19:11:22
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOS



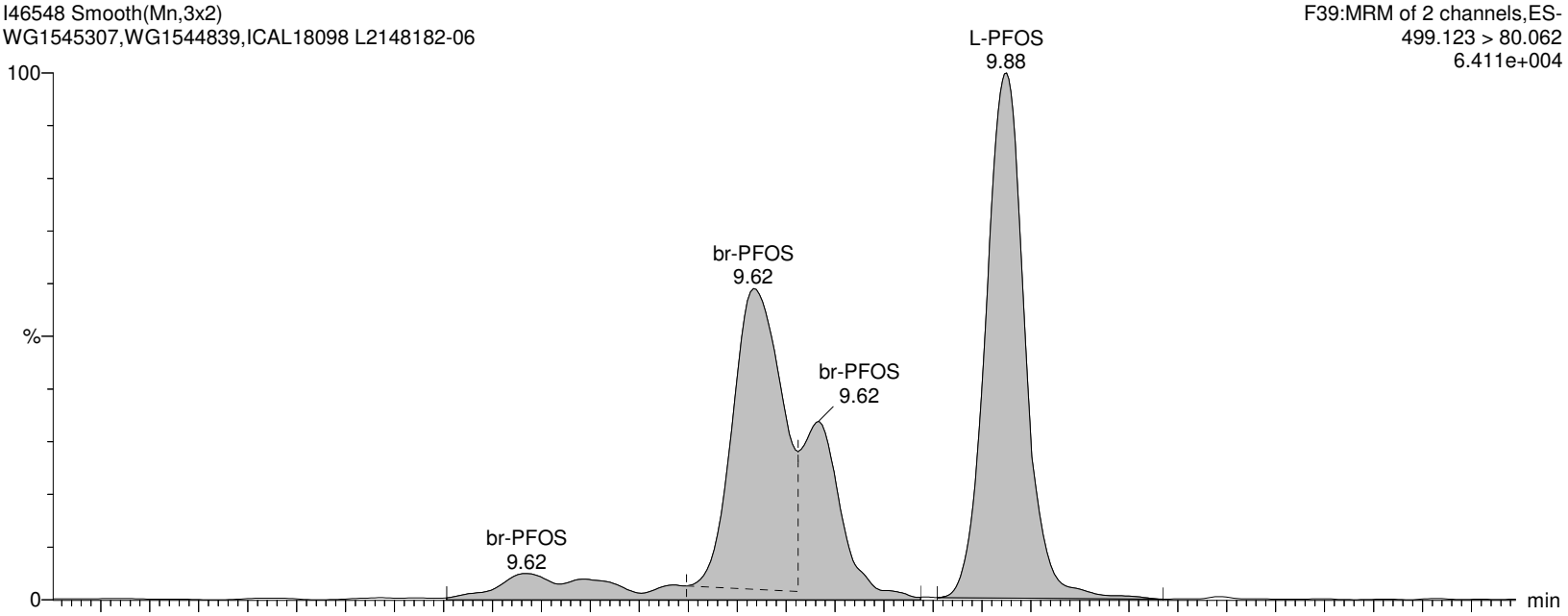


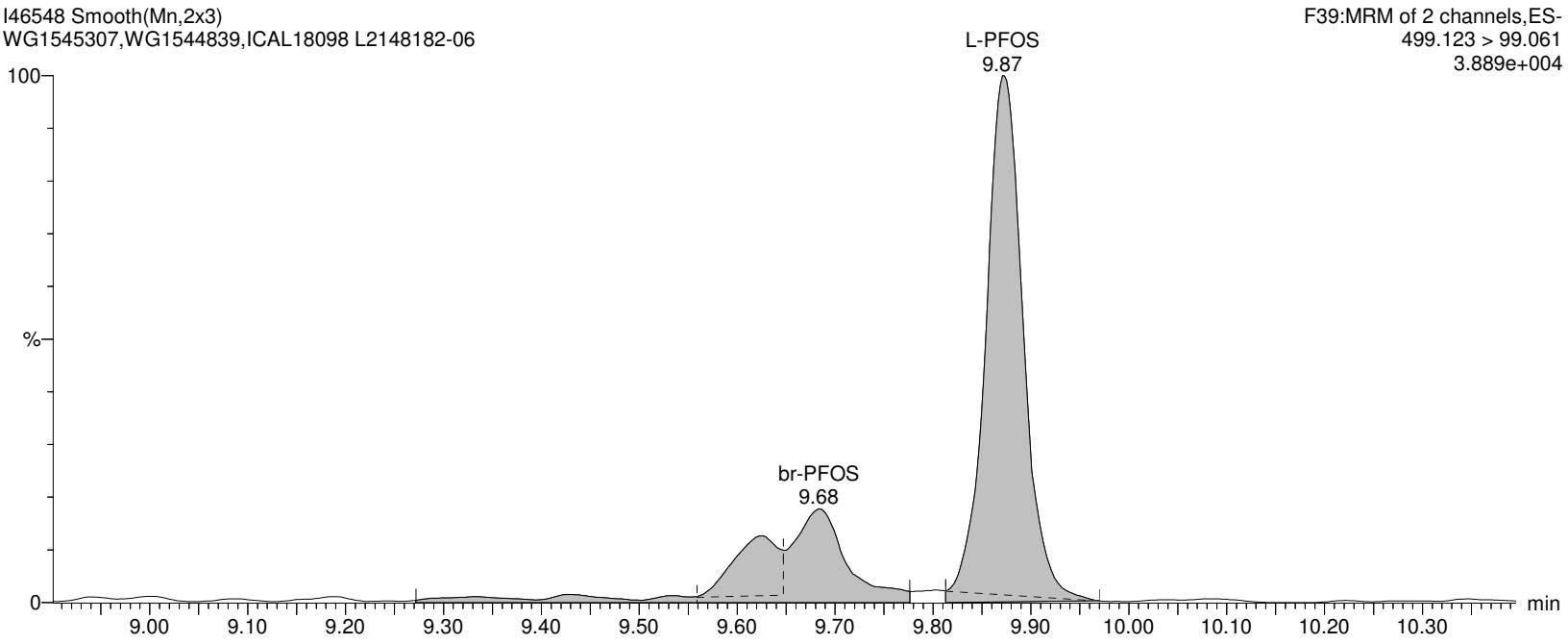
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:09 Eastern Daylight Time

Name: I46548
ID: L2148182-06
Date: 11-Sep-2021
Time: 19:11:22
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOS



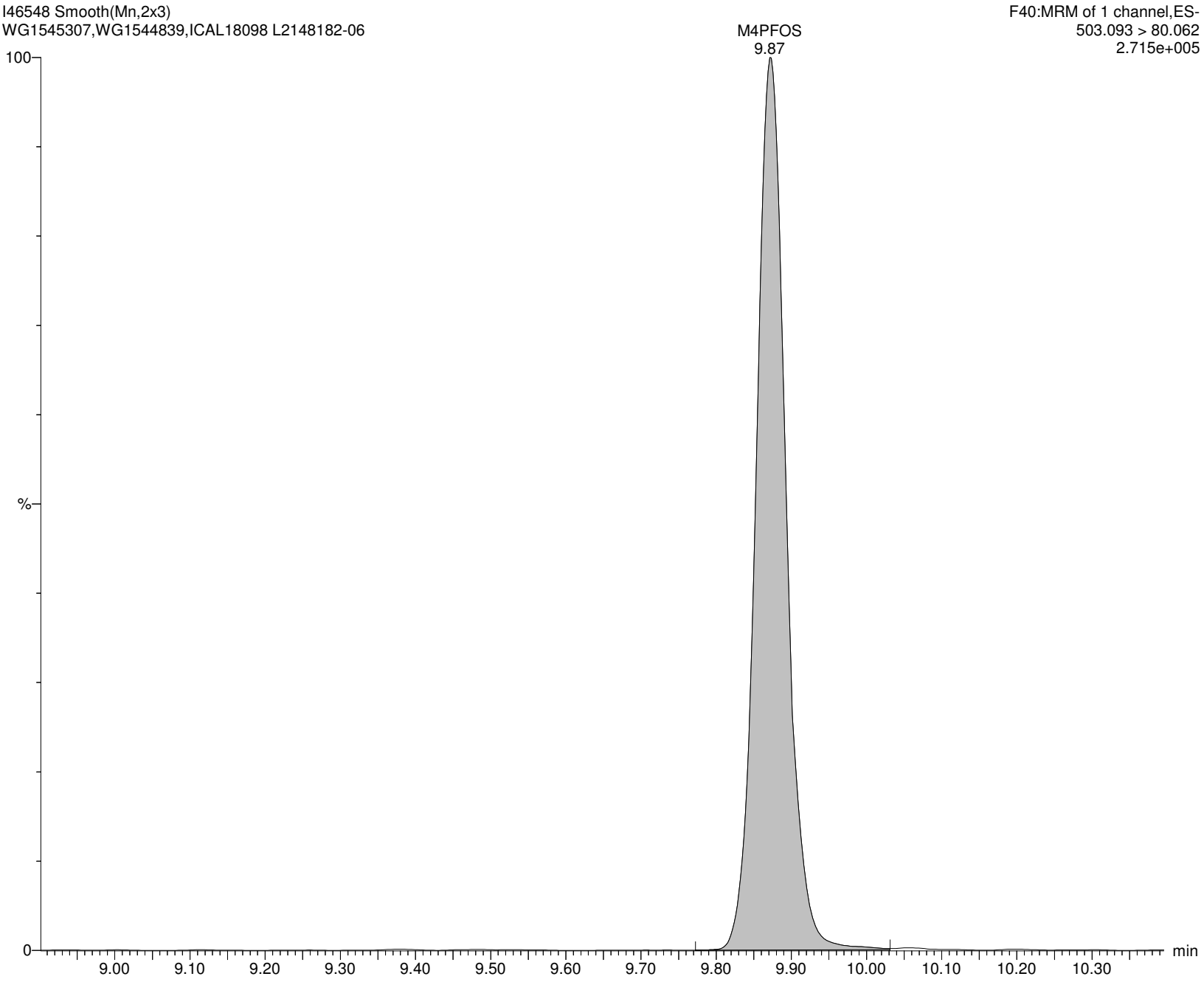


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:09 Eastern Daylight Time

Name: I46548
ID: L2148182-06
Date: 11-Sep-2021
Time: 19:11:22
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOS

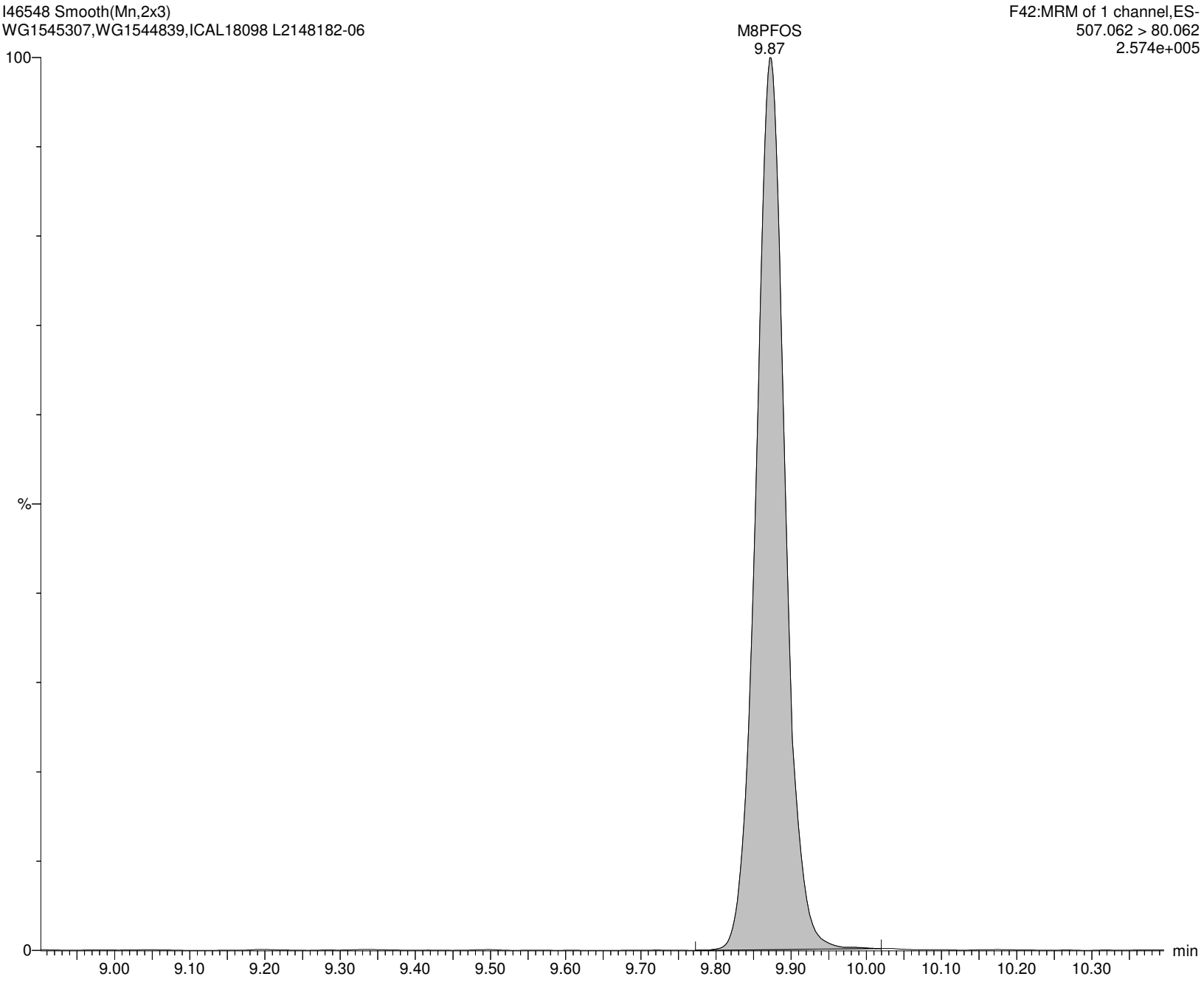


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:09 Eastern Daylight Time

Name: I46548
ID: L2148182-06
Date: 11-Sep-2021
Time: 19:11:22
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOS

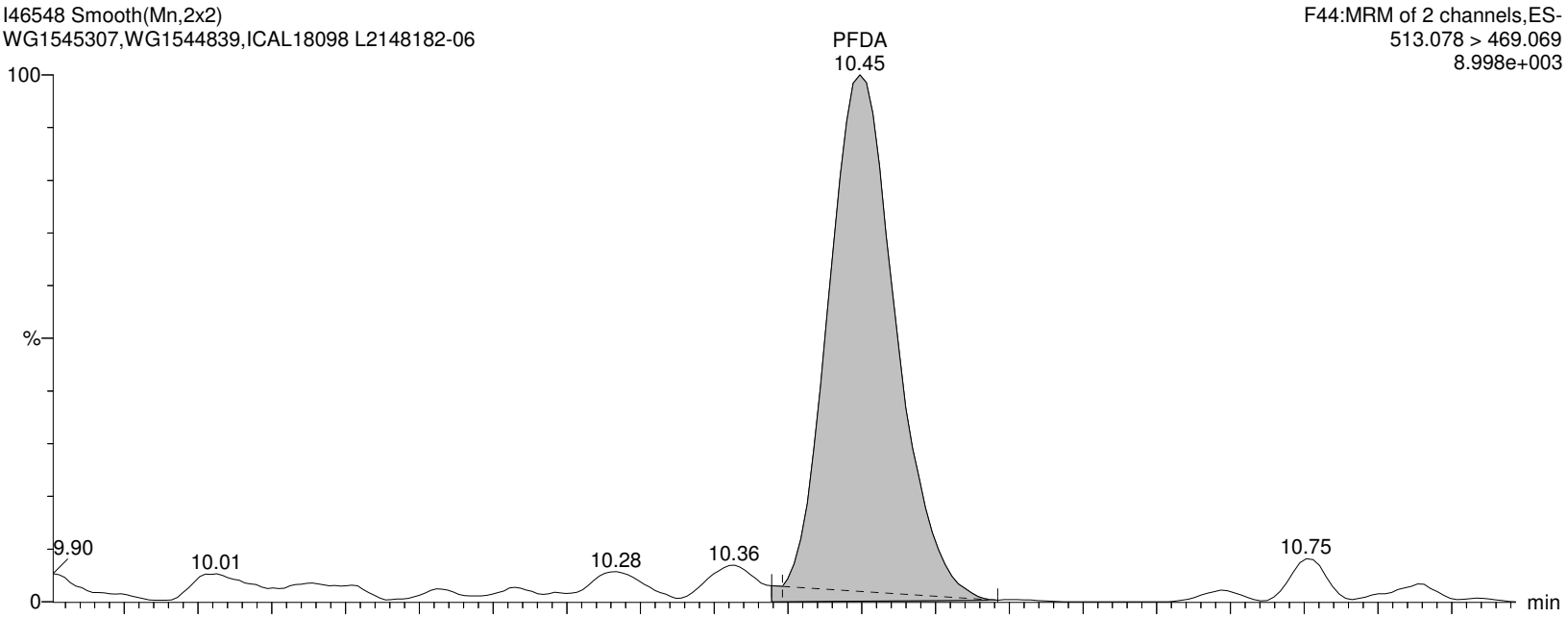


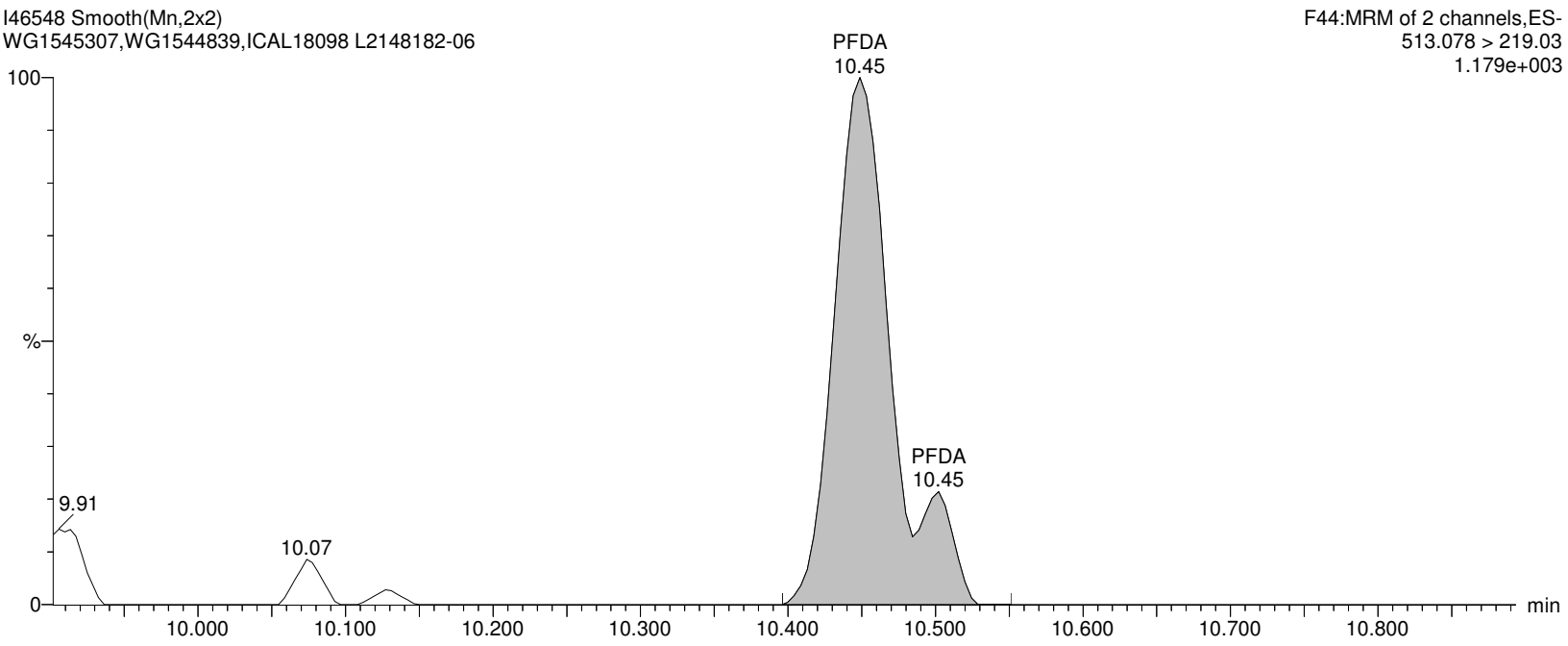
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:09 Eastern Daylight Time

Name: I46548
ID: L2148182-06
Date: 11-Sep-2021
Time: 19:11:22
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDA



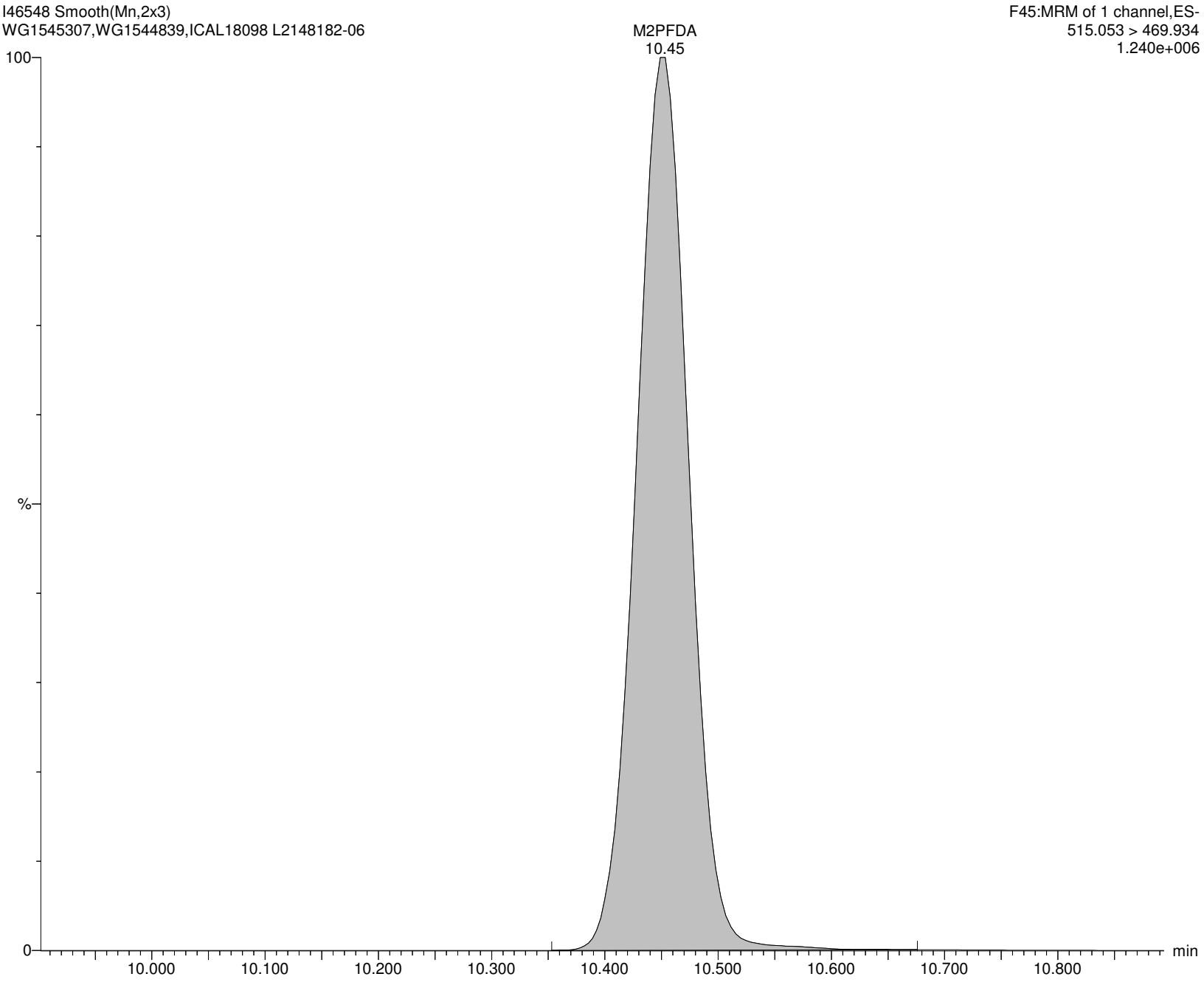


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:09 Eastern Daylight Time

Name: I46548
ID: L2148182-06
Date: 11-Sep-2021
Time: 19:11:22
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFDA

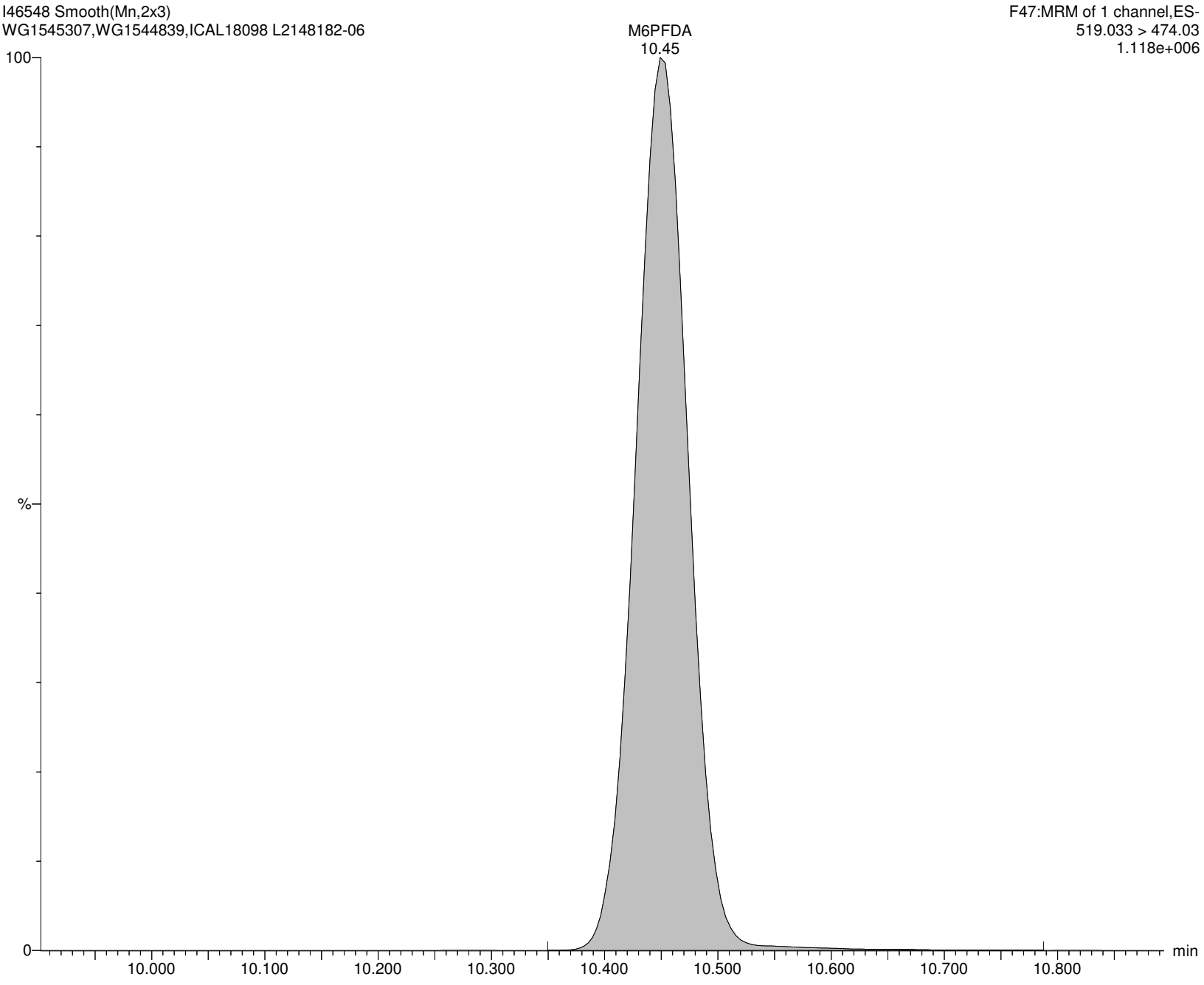


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:09 Eastern Daylight Time

Name: I46548
ID: L2148182-06
Date: 11-Sep-2021
Time: 19:11:22
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M6PFDA

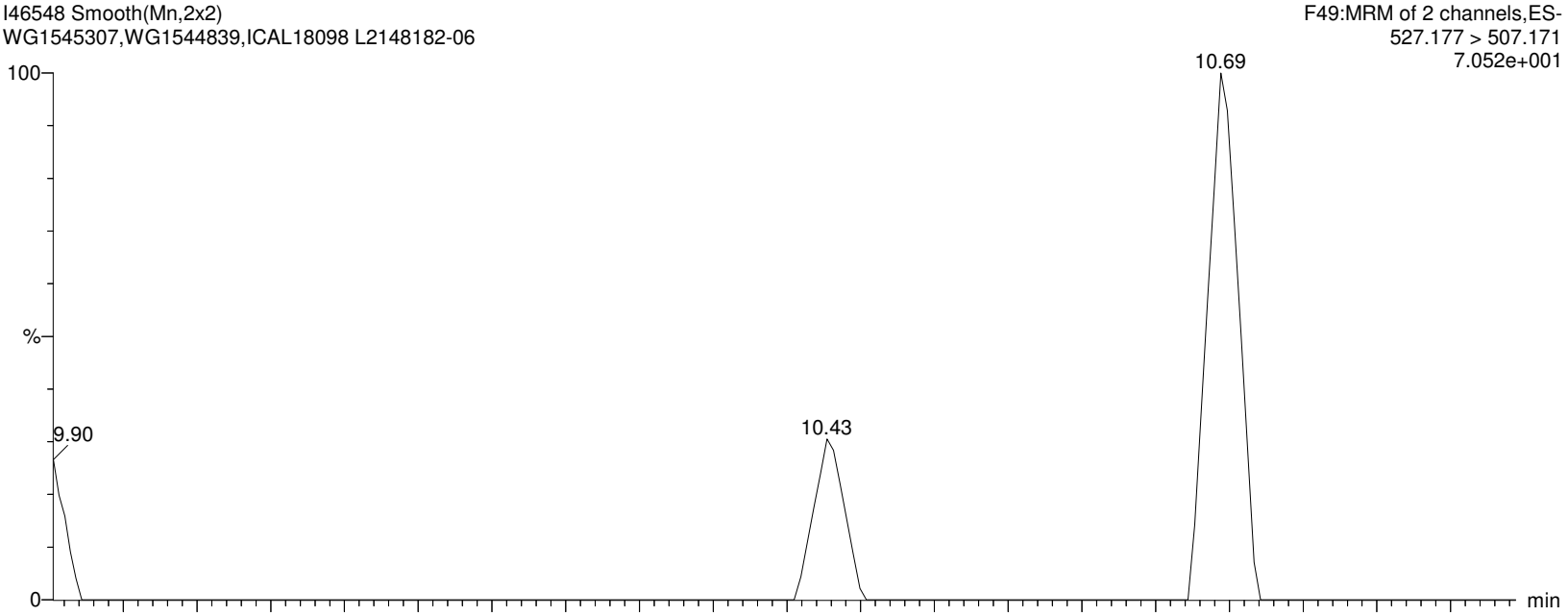


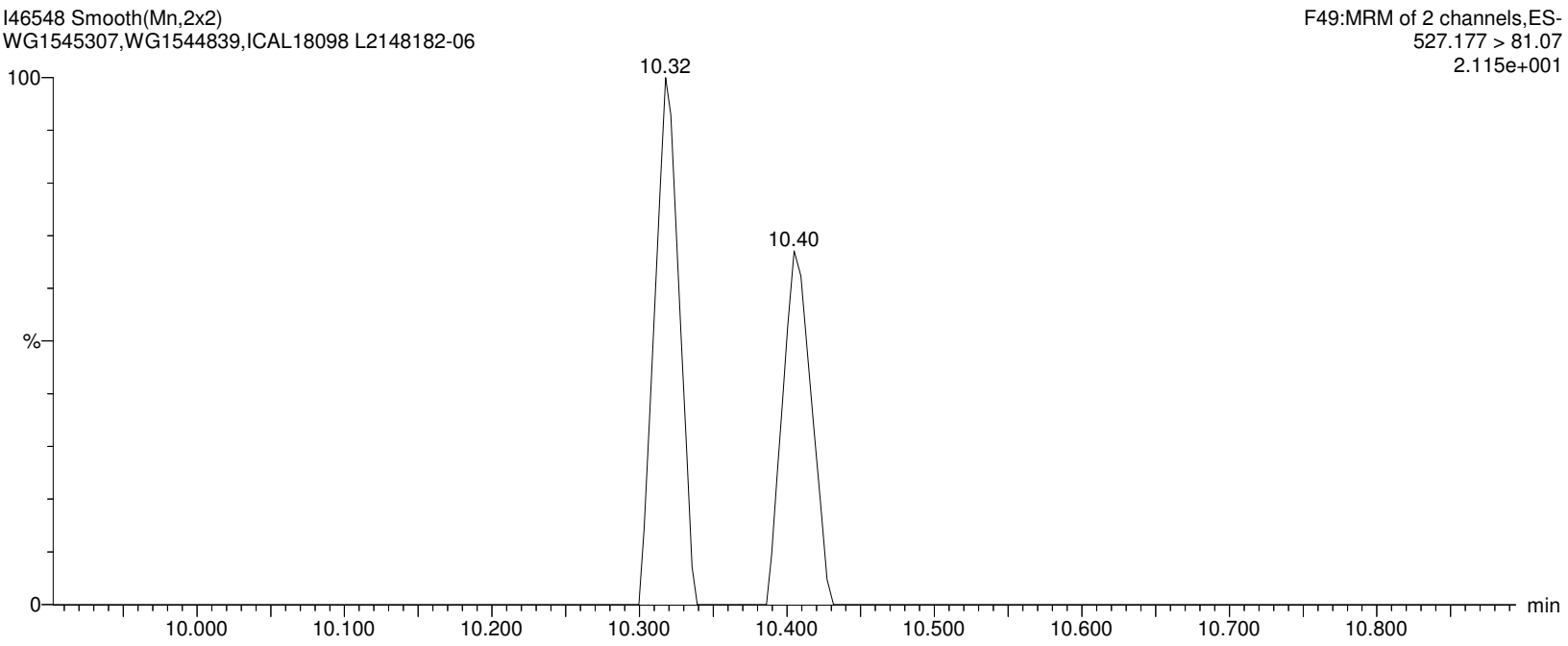
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:09 Eastern Daylight Time

Name: I46548
ID: L2148182-06
Date: 11-Sep-2021
Time: 19:11:22
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

8:2FTS



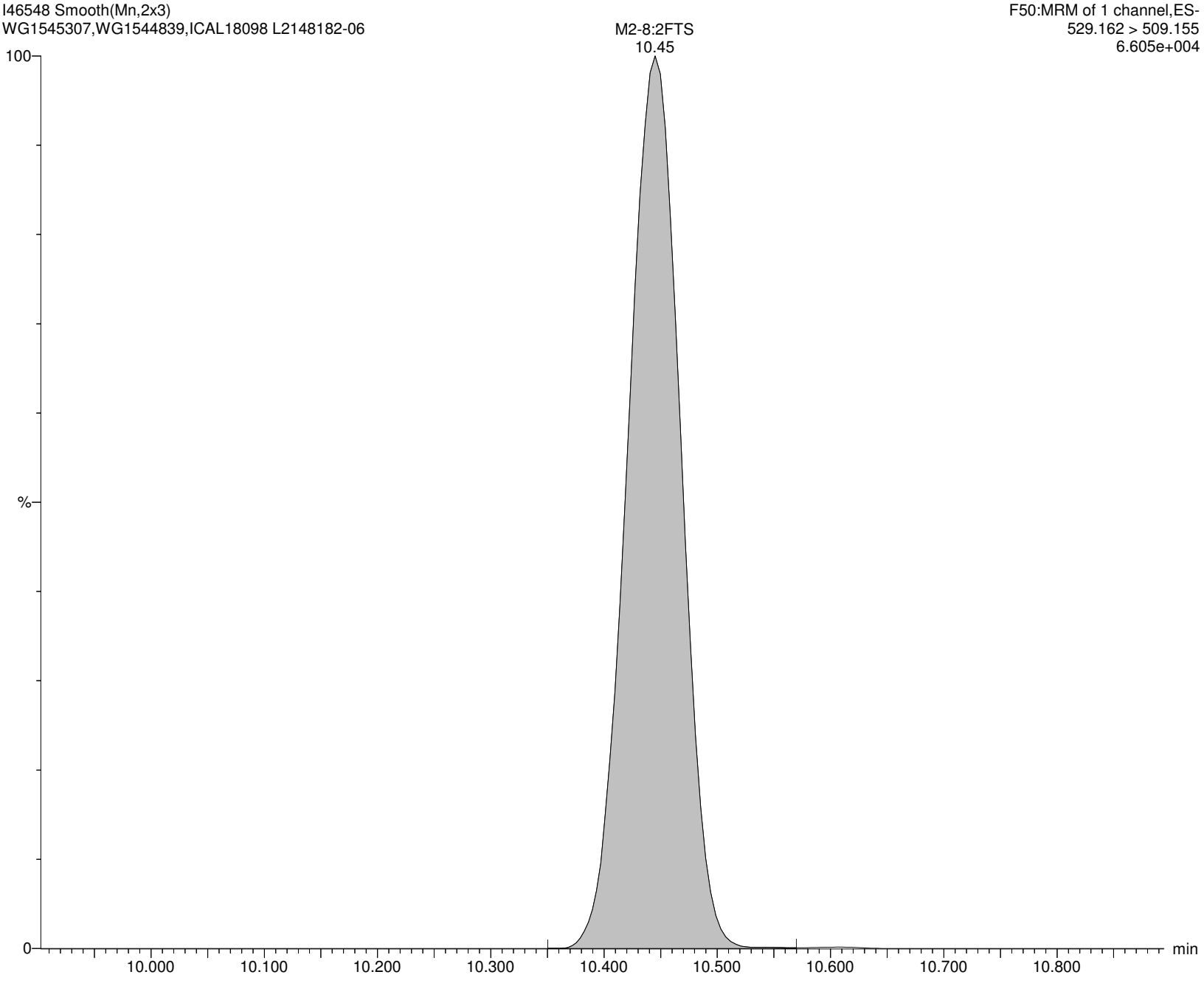


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:09 Eastern Daylight Time

Name: I46548
ID: L2148182-06
Date: 11-Sep-2021
Time: 19:11:22
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-8:2FTS

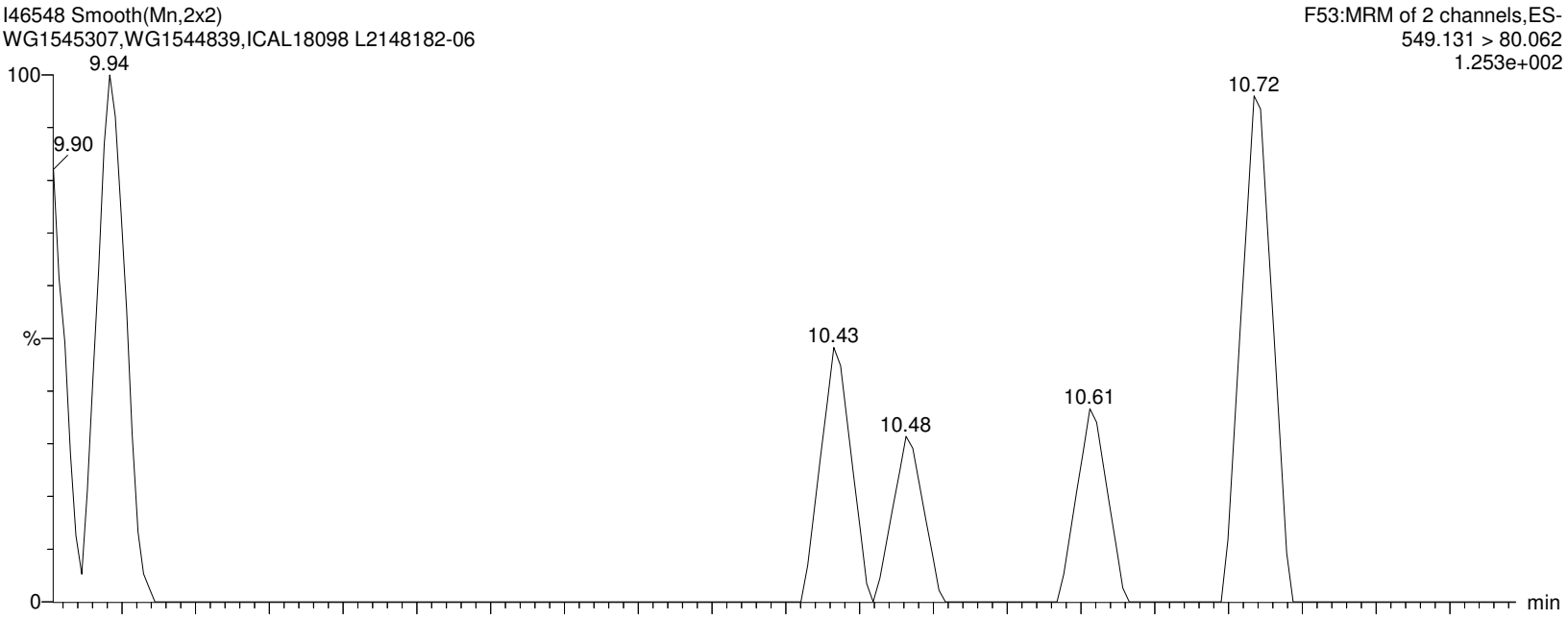


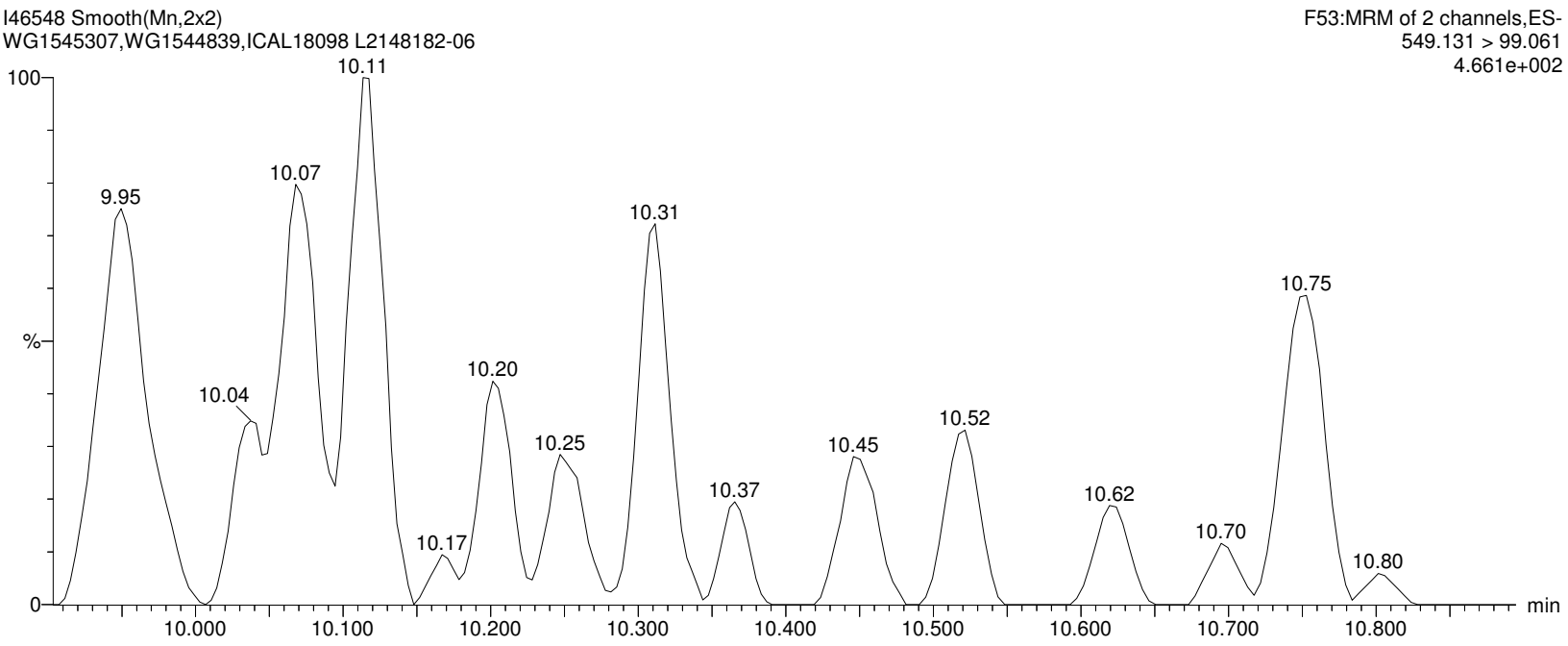
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:09 Eastern Daylight Time

Name: I46548
ID: L2148182-06
Date: 11-Sep-2021
Time: 19:11:22
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNS



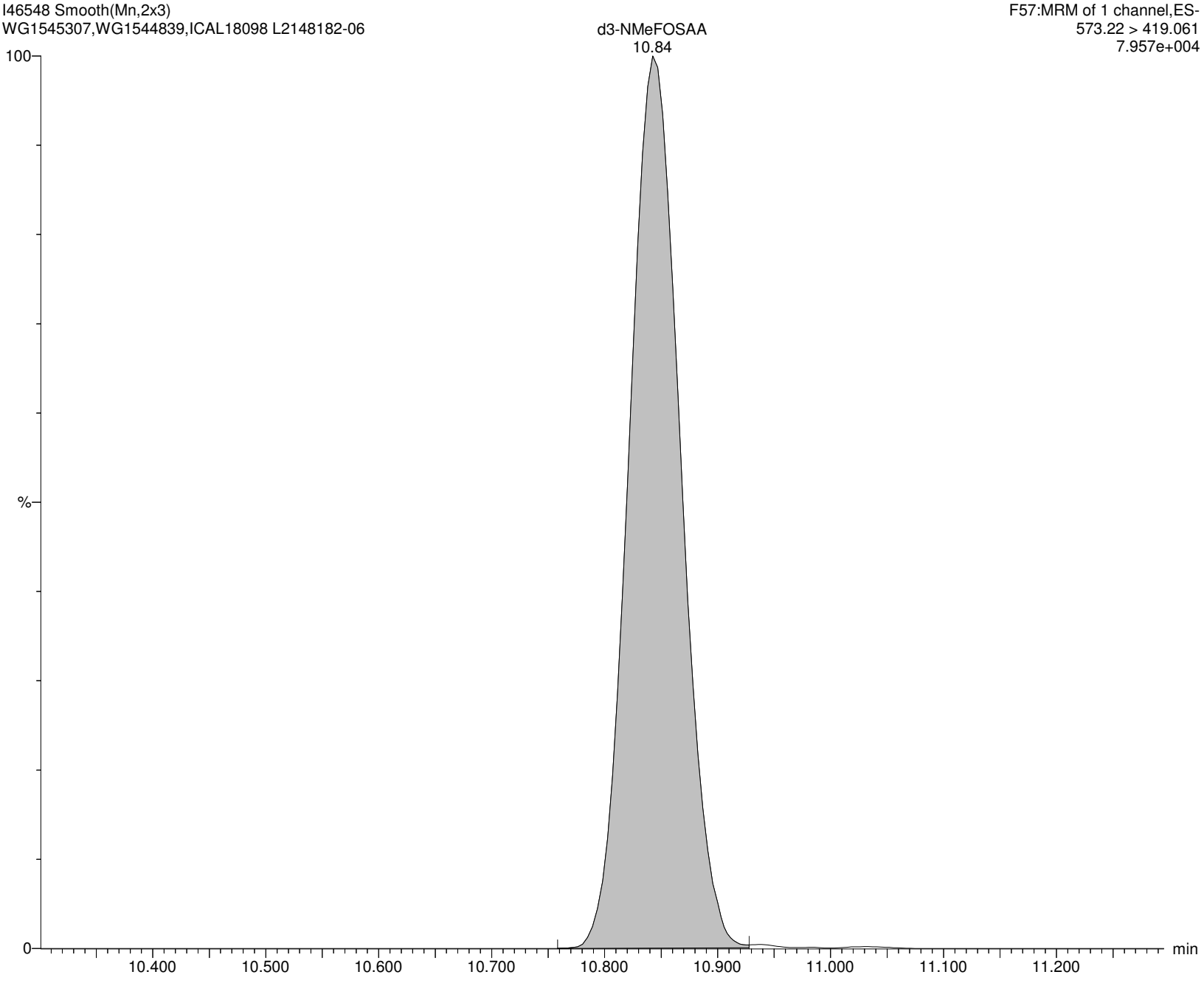


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:09 Eastern Daylight Time

Name: I46548
ID: L2148182-06
Date: 11-Sep-2021
Time: 19:11:22
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSAA

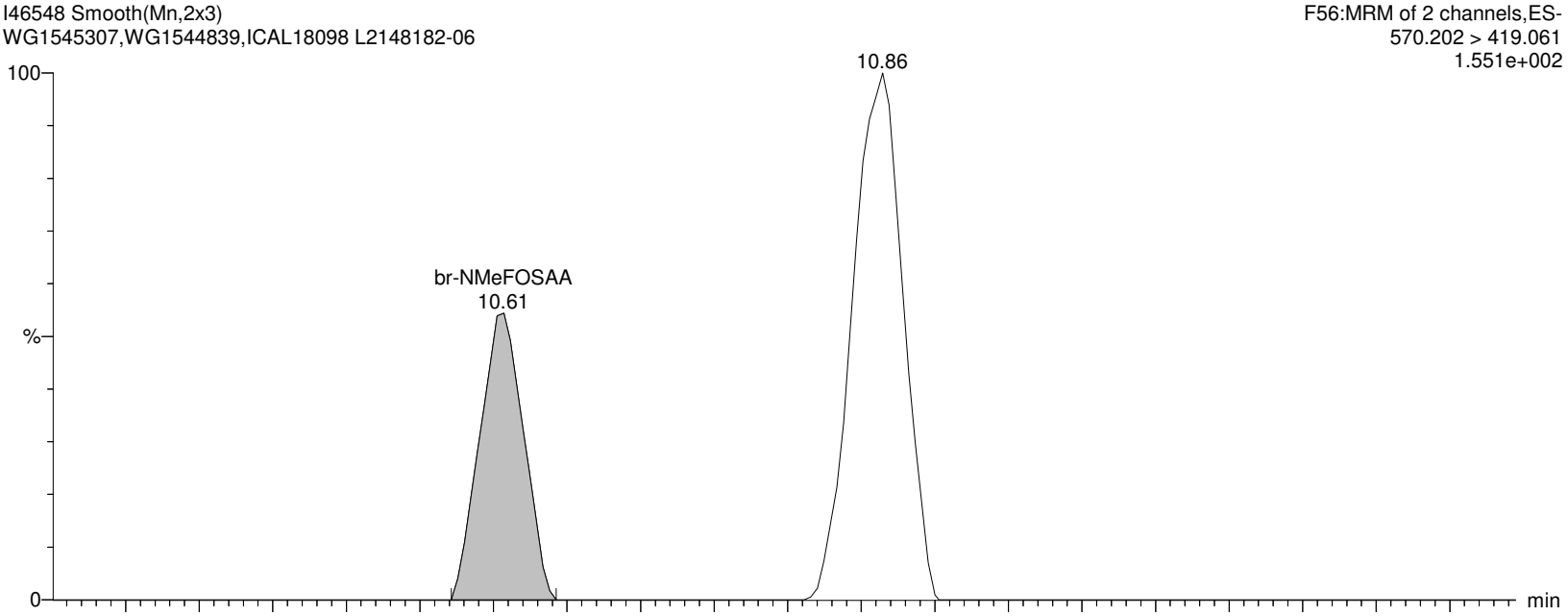


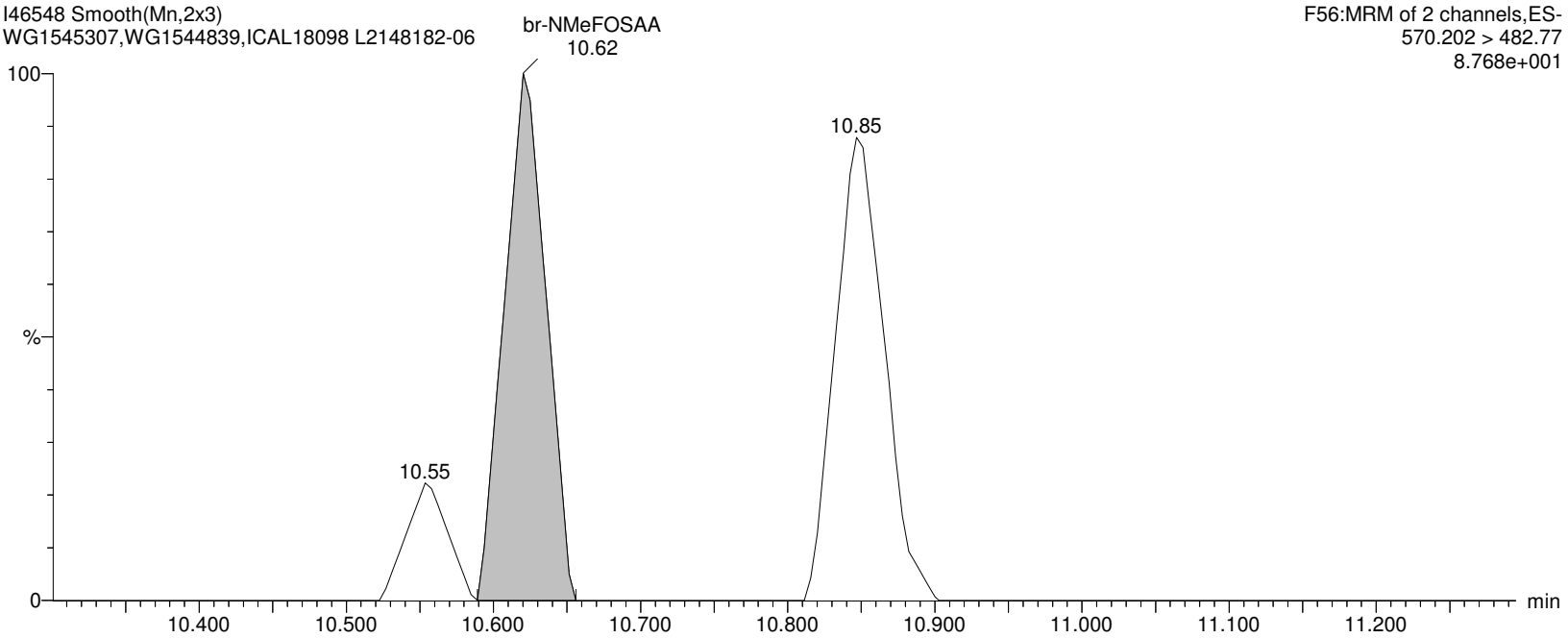
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:09 Eastern Daylight Time

Name: I46548
ID: L2148182-06
Date: 11-Sep-2021
Time: 19:11:22
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NMeFOSAA



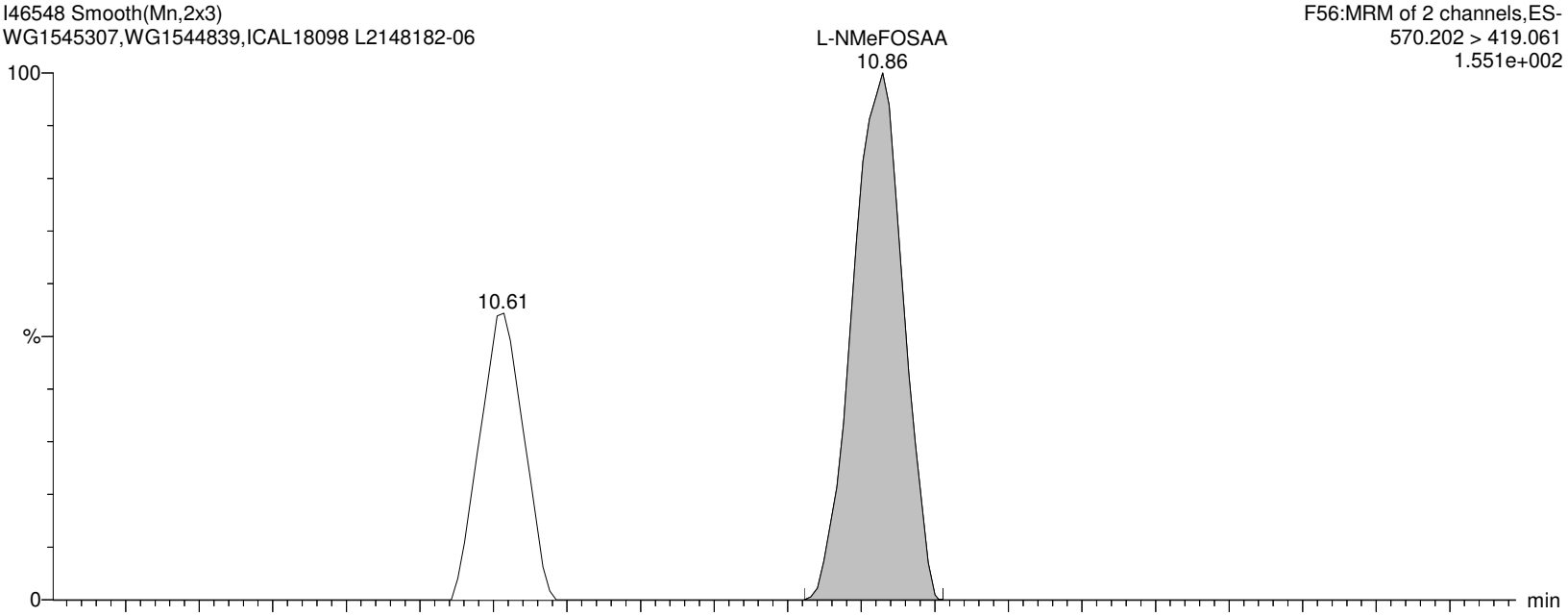


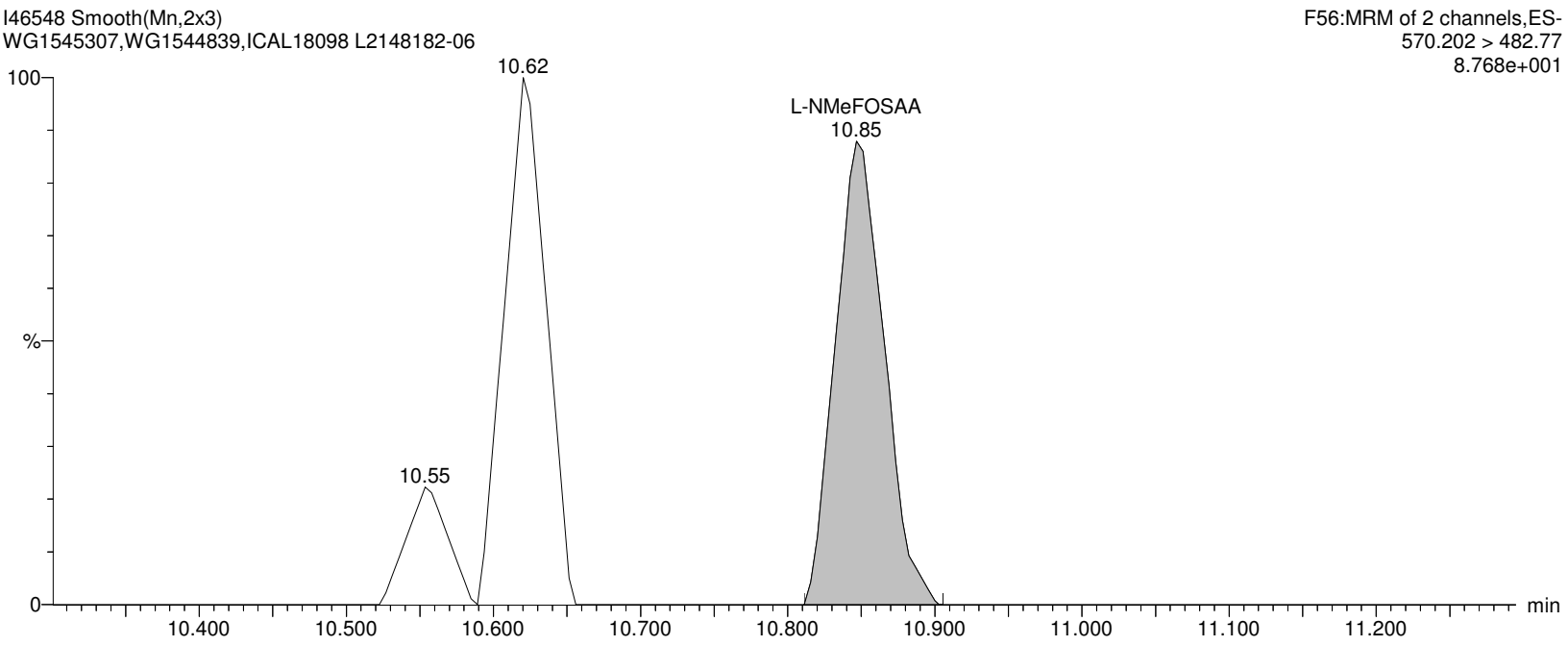
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:09 Eastern Daylight Time

Name: I46548
ID: L2148182-06
Date: 11-Sep-2021
Time: 19:11:22
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NMeFOSAA



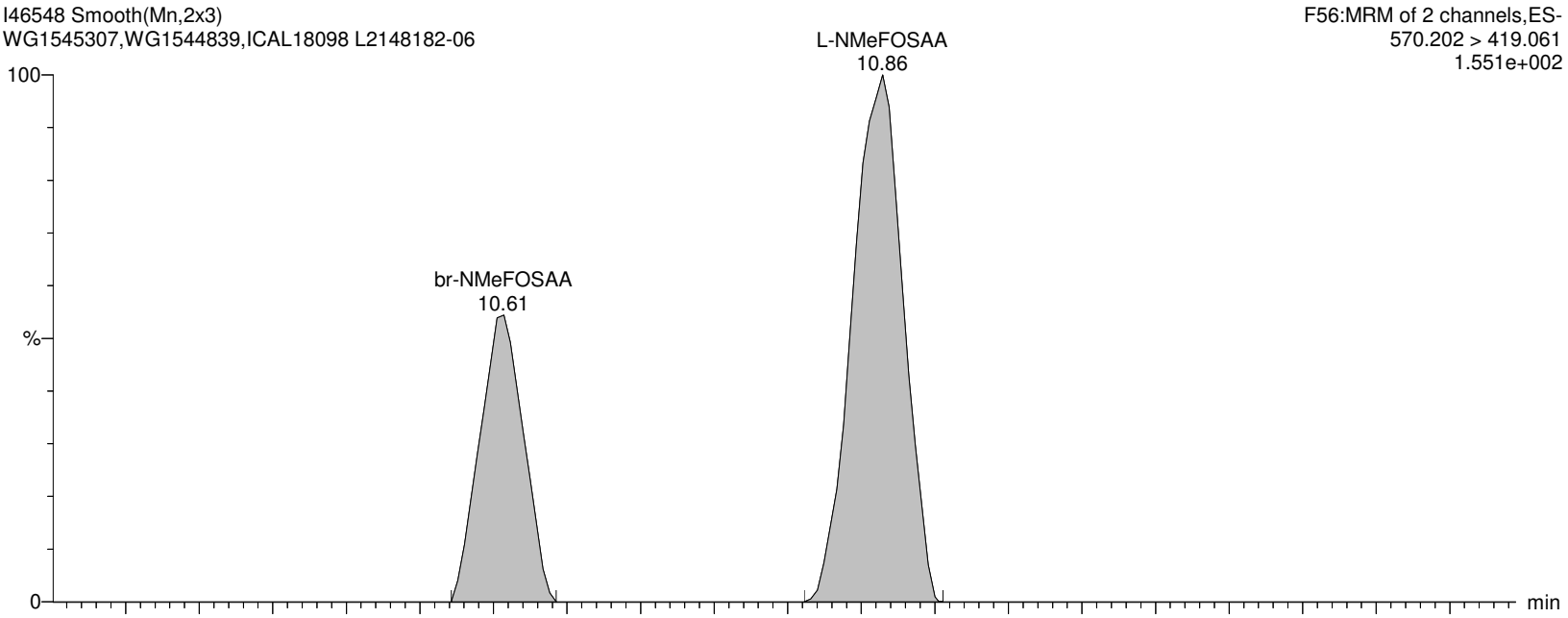


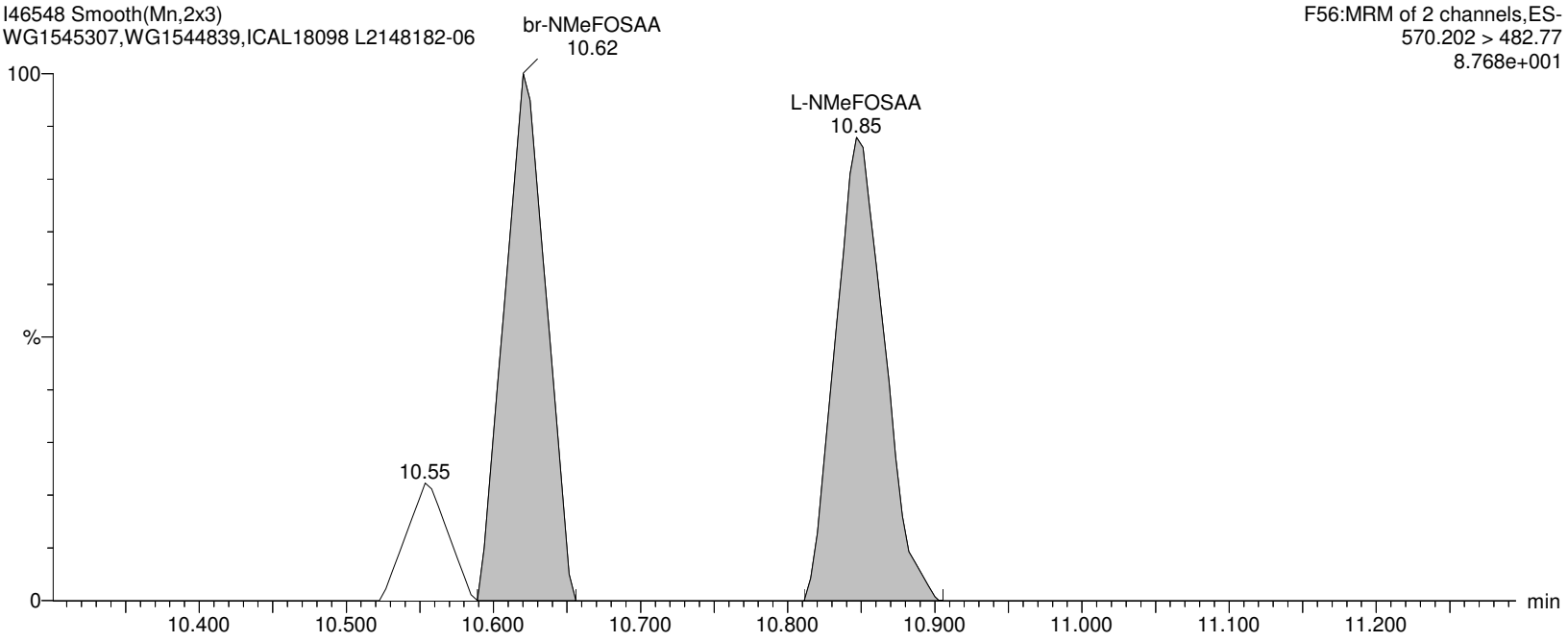
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:09 Eastern Daylight Time

Name: I46548
ID: L2148182-06
Date: 11-Sep-2021
Time: 19:11:22
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSAA



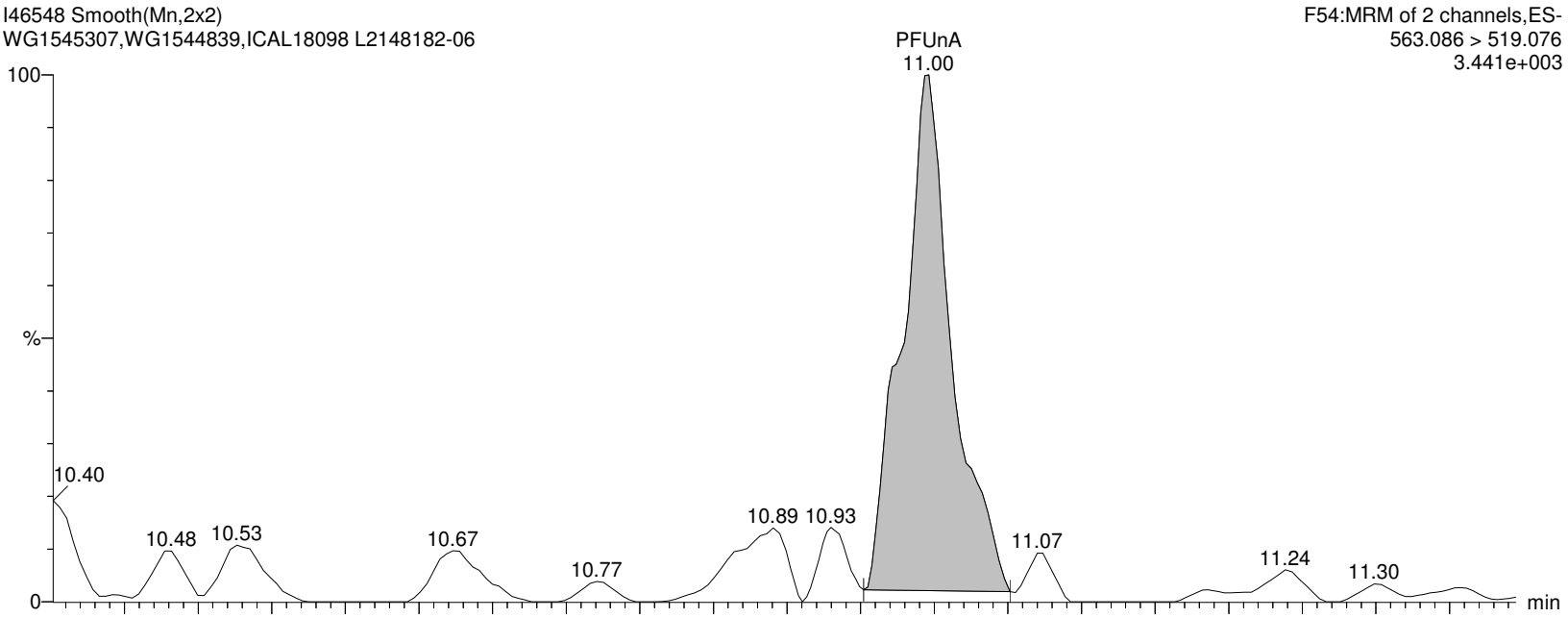


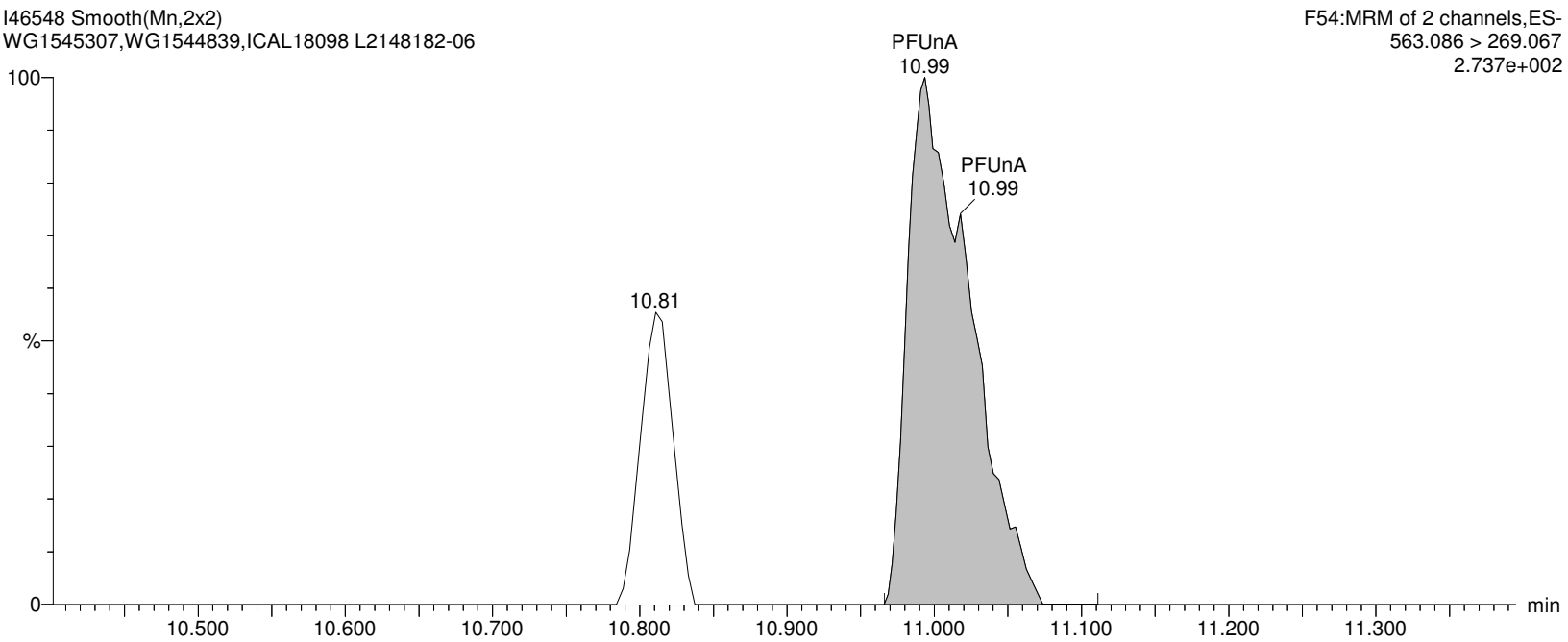
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:09 Eastern Daylight Time

Name: I46548
ID: L2148182-06
Date: 11-Sep-2021
Time: 19:11:22
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFUnA



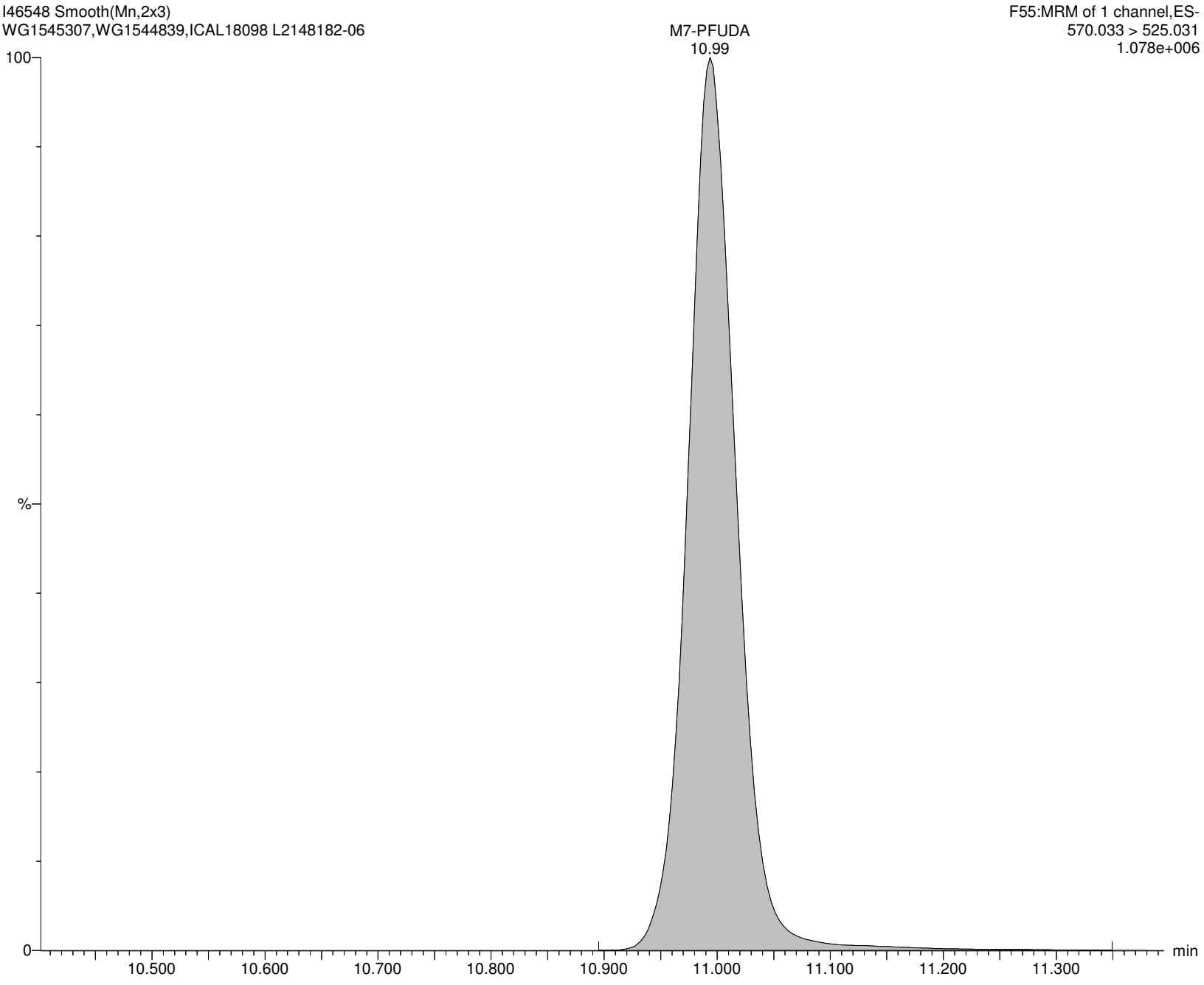


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:09 Eastern Daylight Time

Name: I46548
ID: L2148182-06
Date: 11-Sep-2021
Time: 19:11:22
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M7-PFUDA

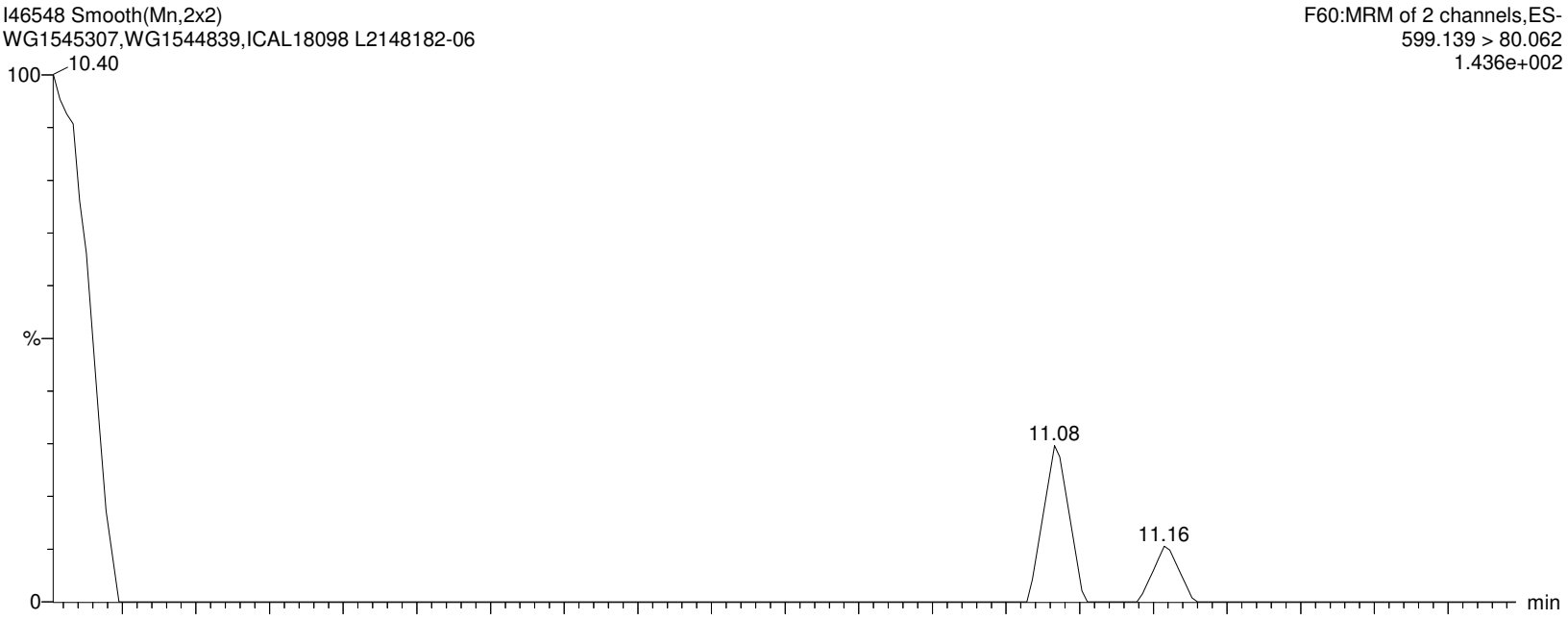


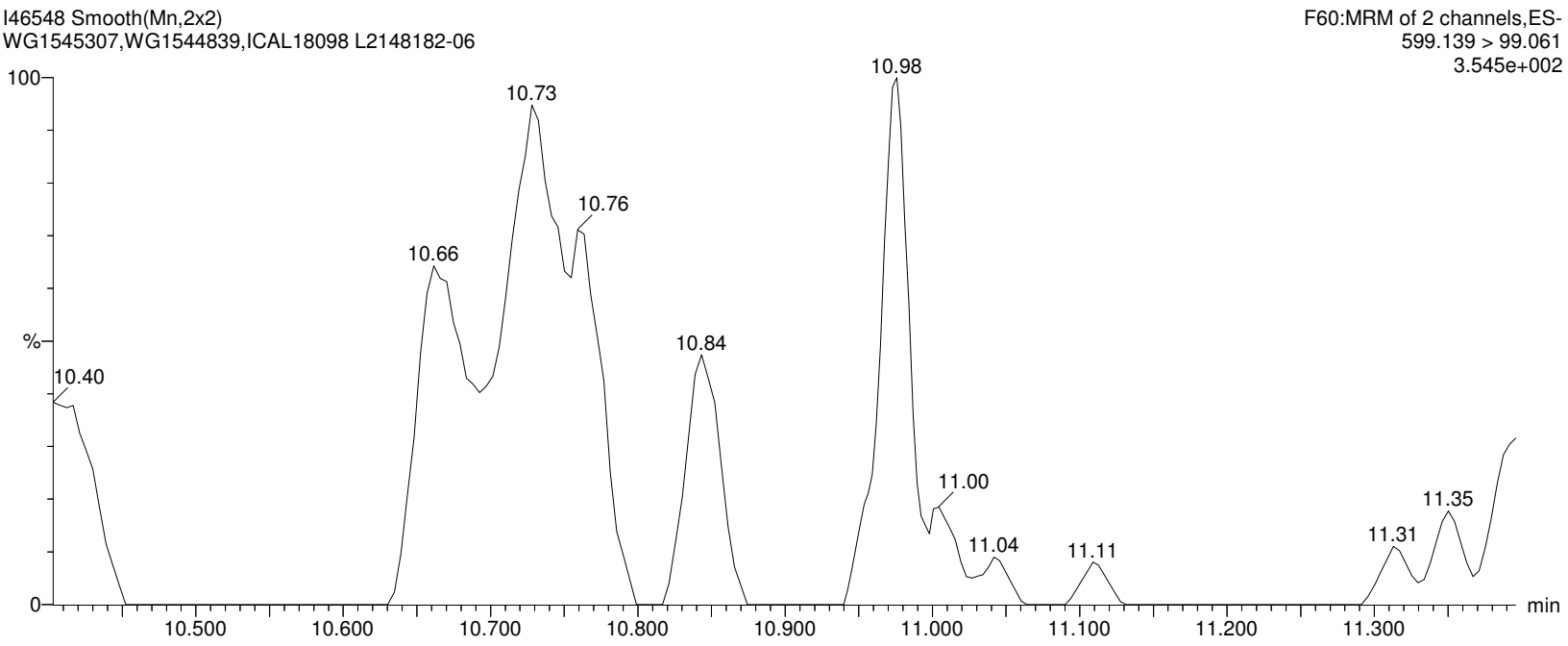
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:09 Eastern Daylight Time

Name: I46548
ID: L2148182-06
Date: 11-Sep-2021
Time: 19:11:22
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDS



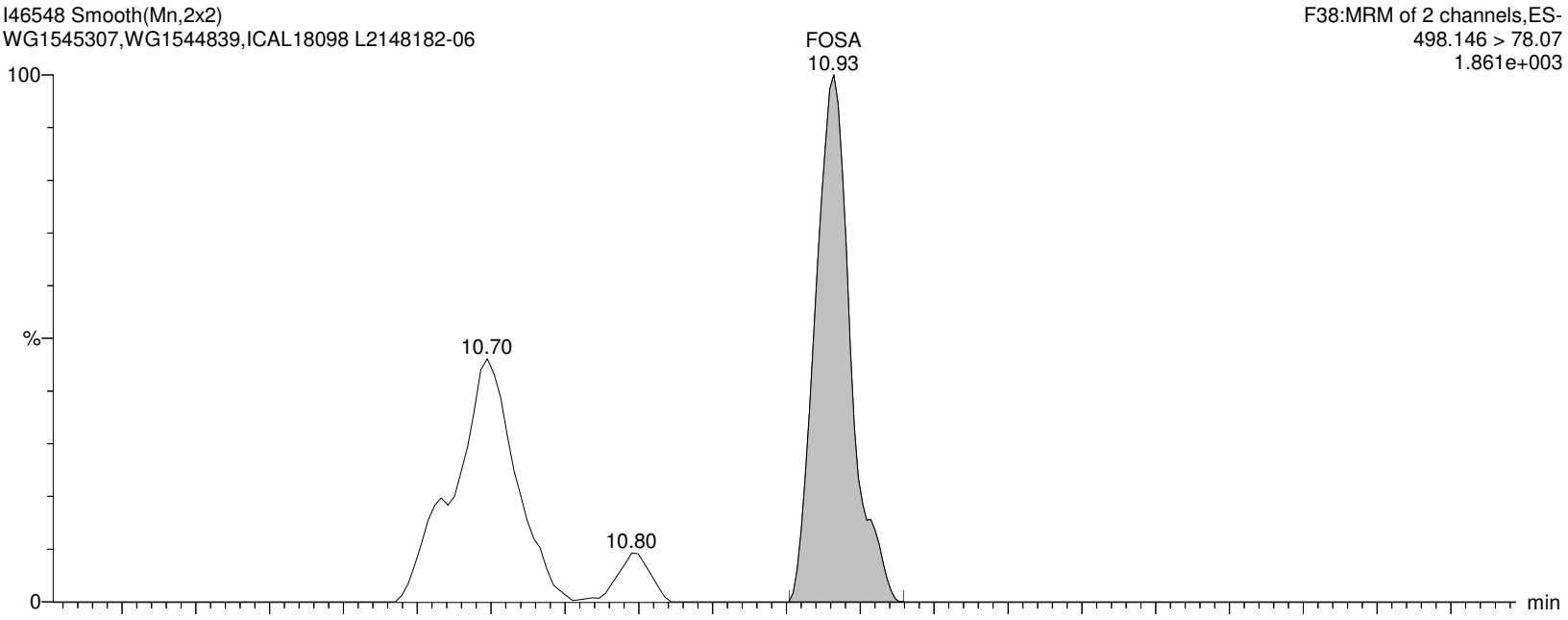


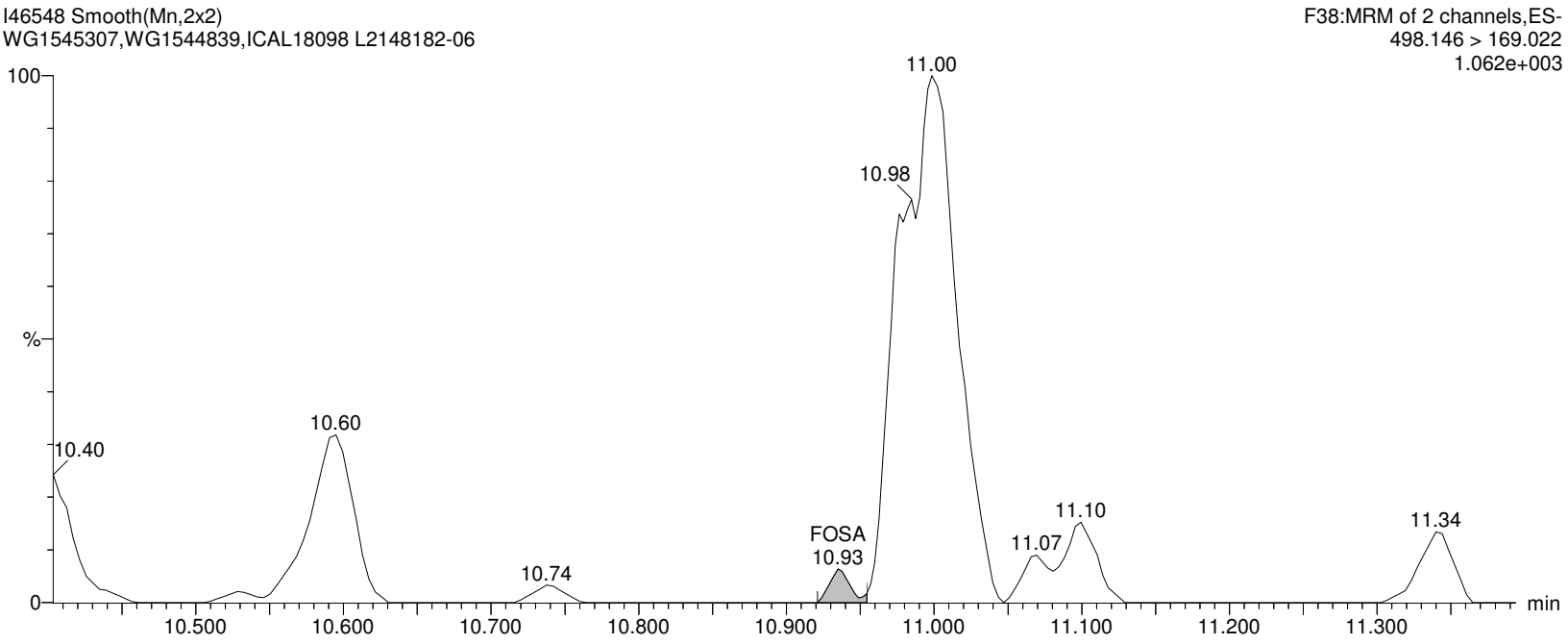
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:09 Eastern Daylight Time

Name: I46548
ID: L2148182-06
Date: 11-Sep-2021
Time: 19:11:22
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

FOSA



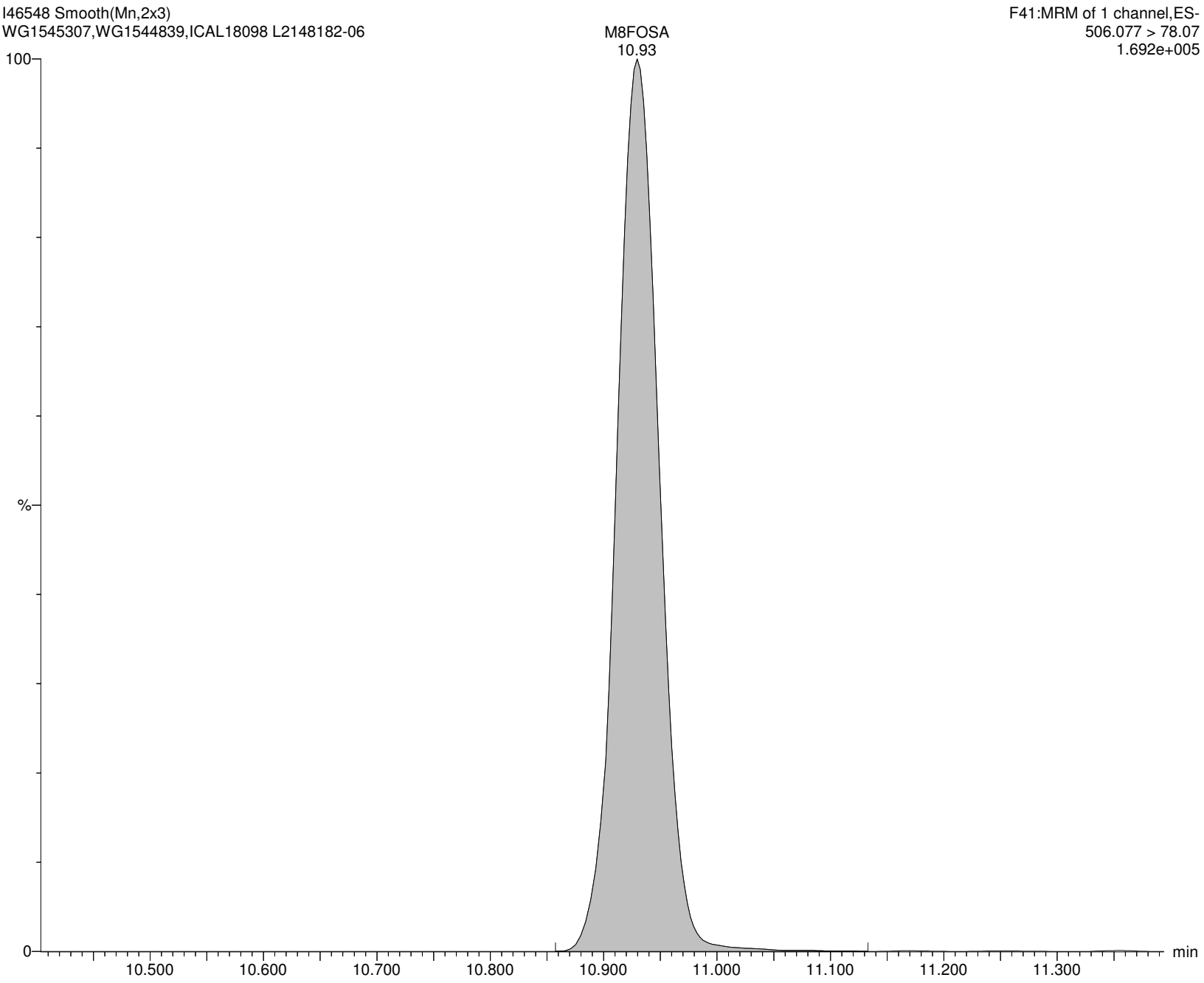


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:09 Eastern Daylight Time

Name: I46548
ID: L2148182-06
Date: 11-Sep-2021
Time: 19:11:22
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8FOSA

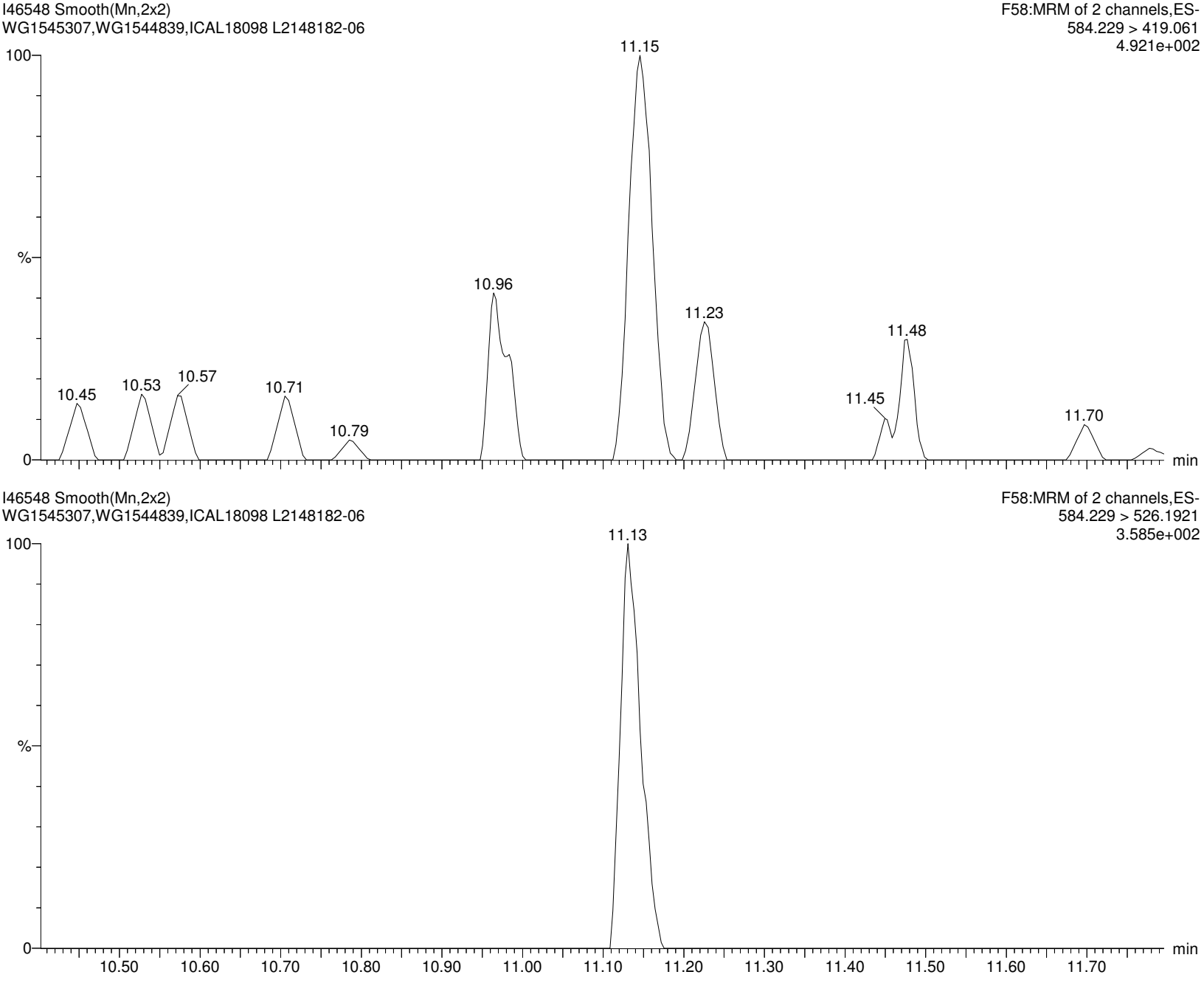


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:09 Eastern Daylight Time

Name: I46548
ID: L2148182-06
Date: 11-Sep-2021
Time: 19:11:22
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NEtFOSAA

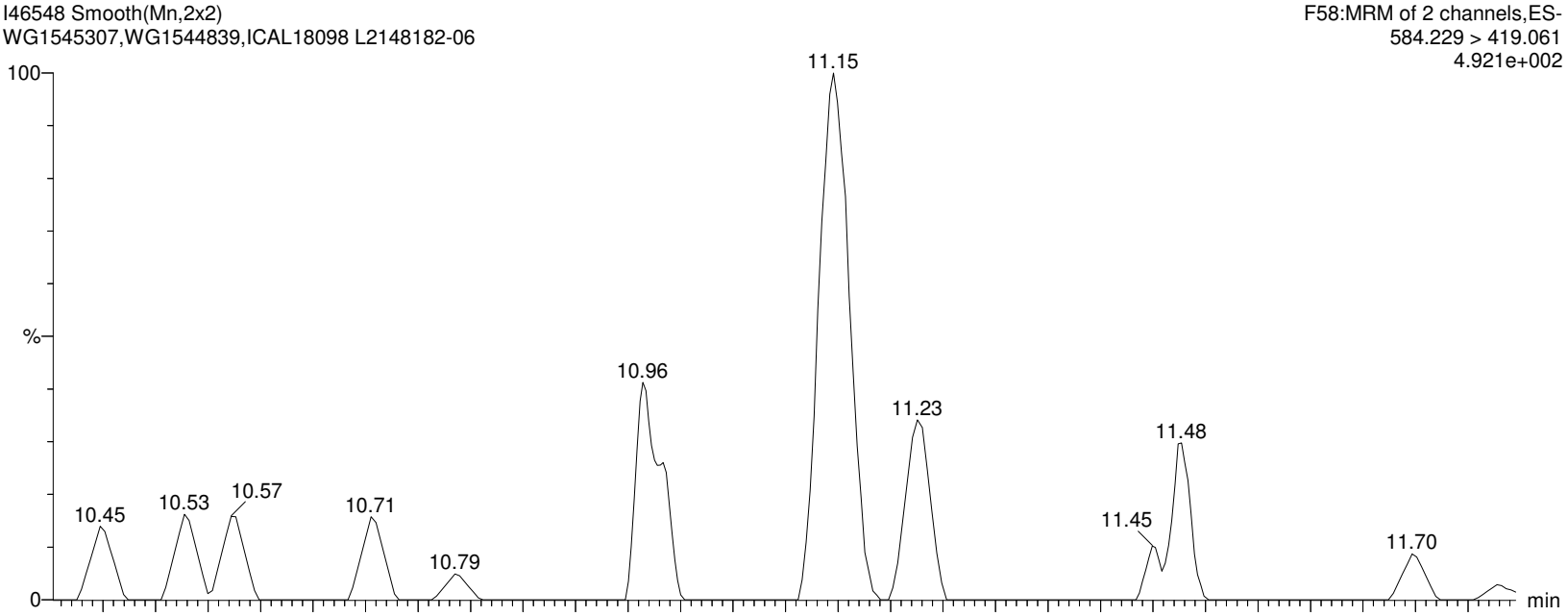


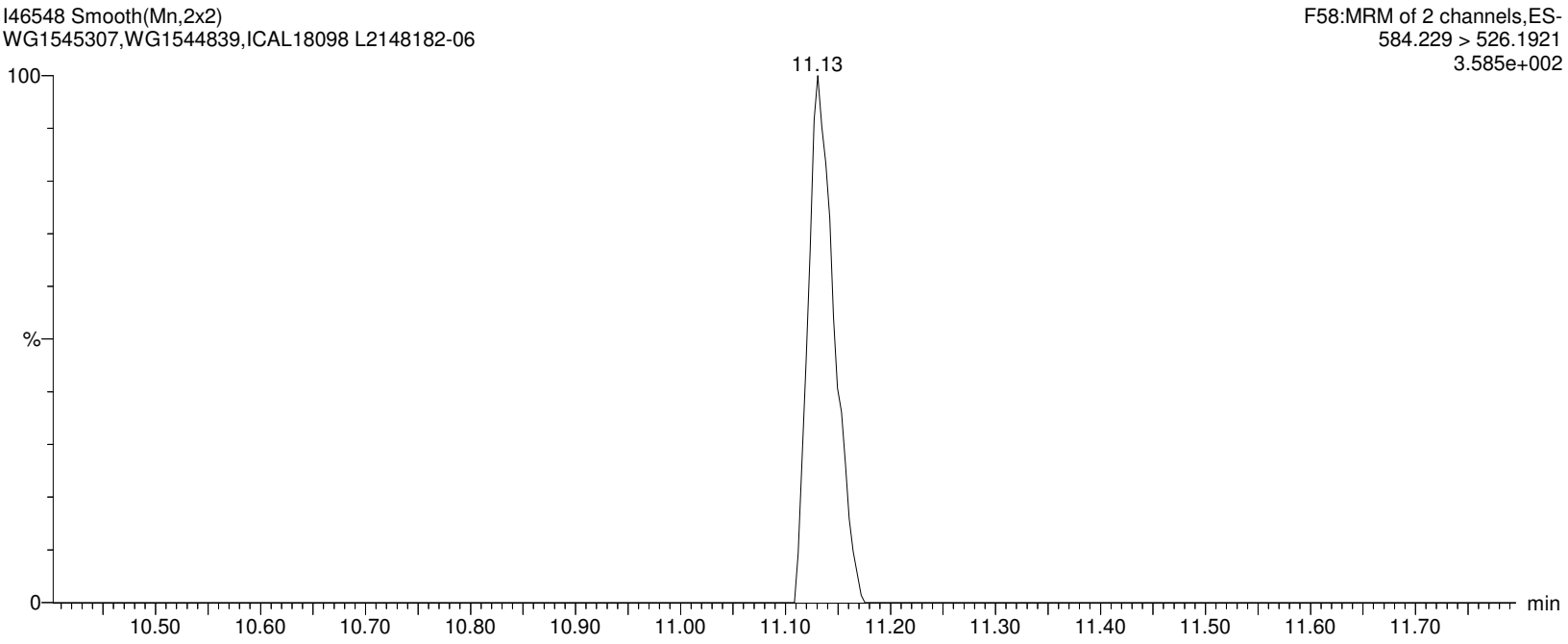
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:09 Eastern Daylight Time

Name: I46548
ID: L2148182-06
Date: 11-Sep-2021
Time: 19:11:22
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NEtFOSAA



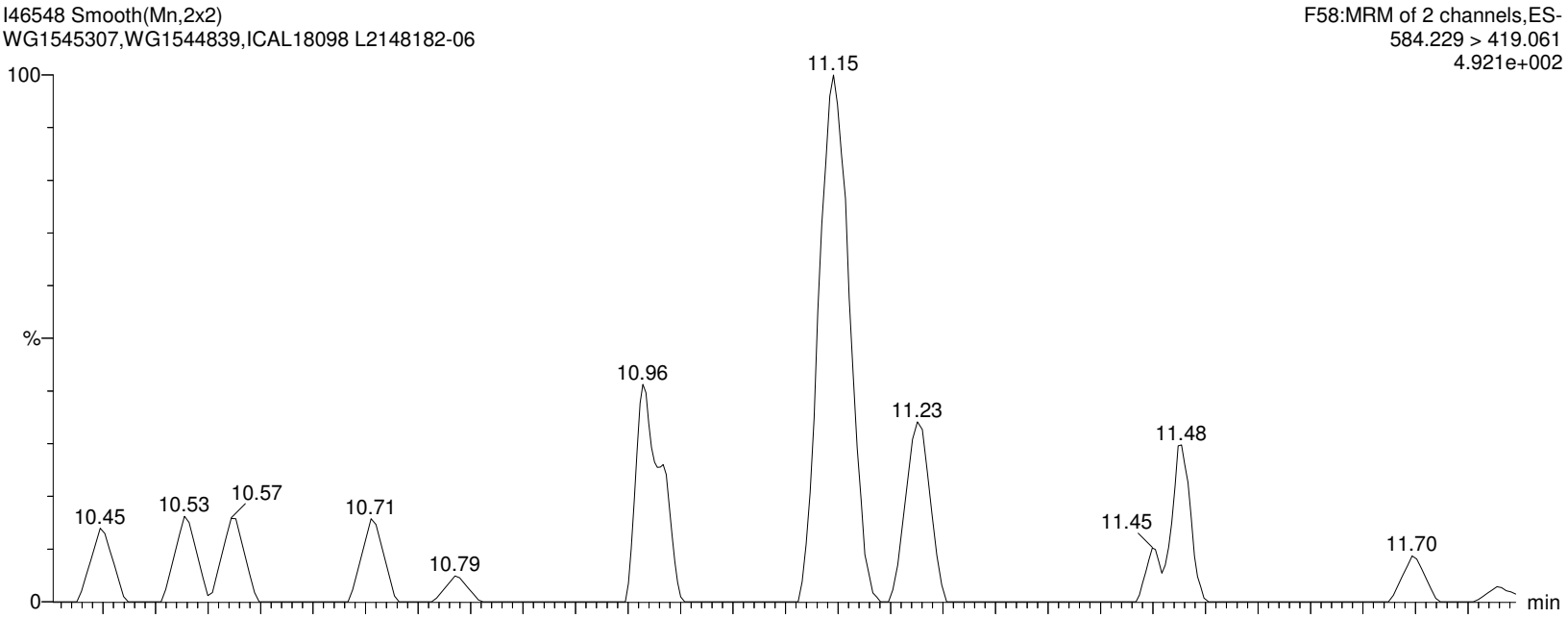


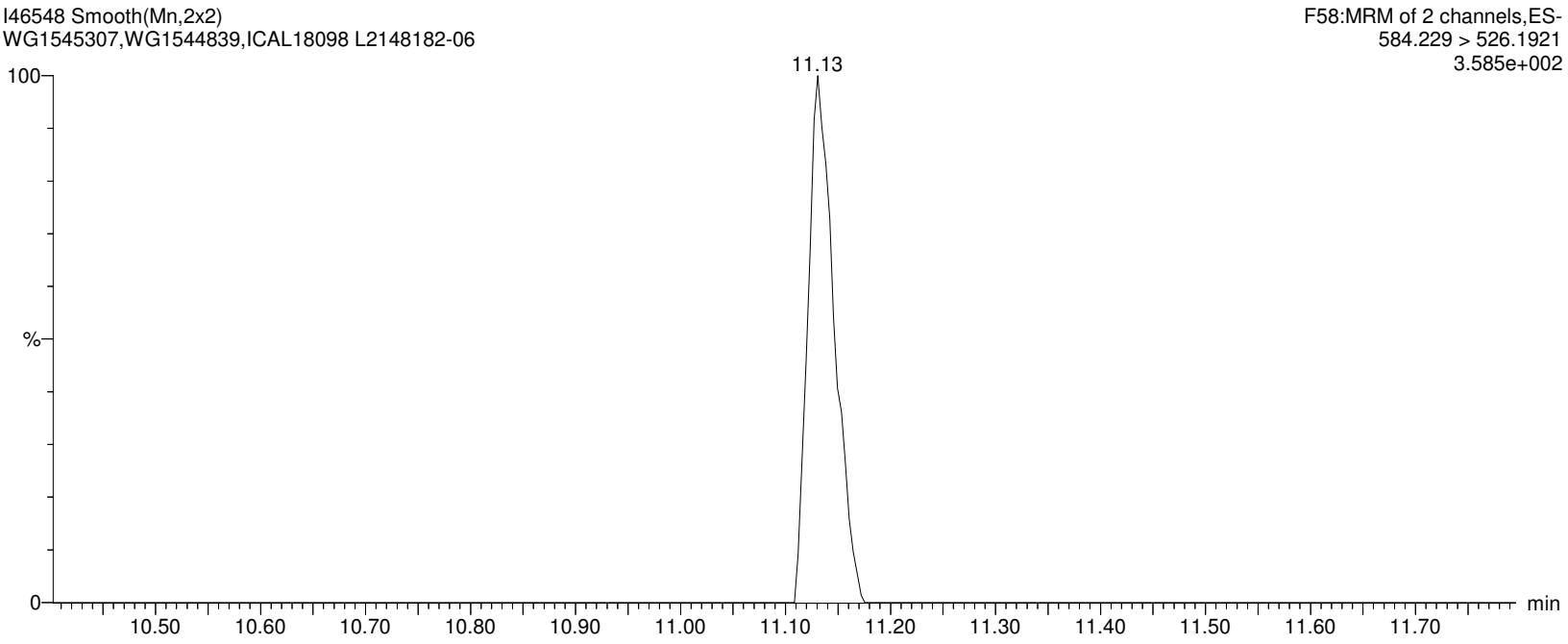
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:09 Eastern Daylight Time

Name: I46548
ID: L2148182-06
Date: 11-Sep-2021
Time: 19:11:22
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSAA



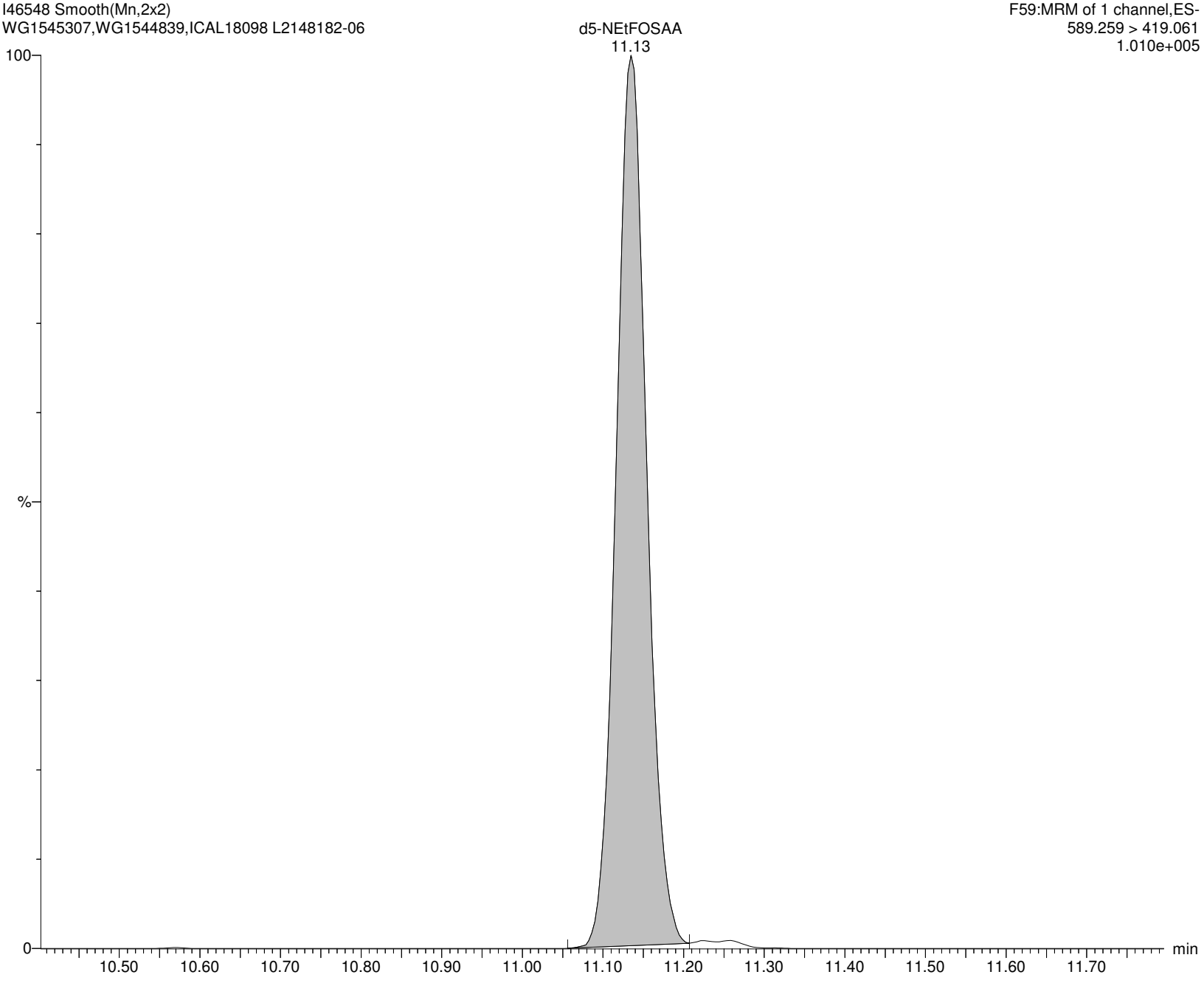


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:09 Eastern Daylight Time

Name: I46548
ID: L2148182-06
Date: 11-Sep-2021
Time: 19:11:22
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSAA

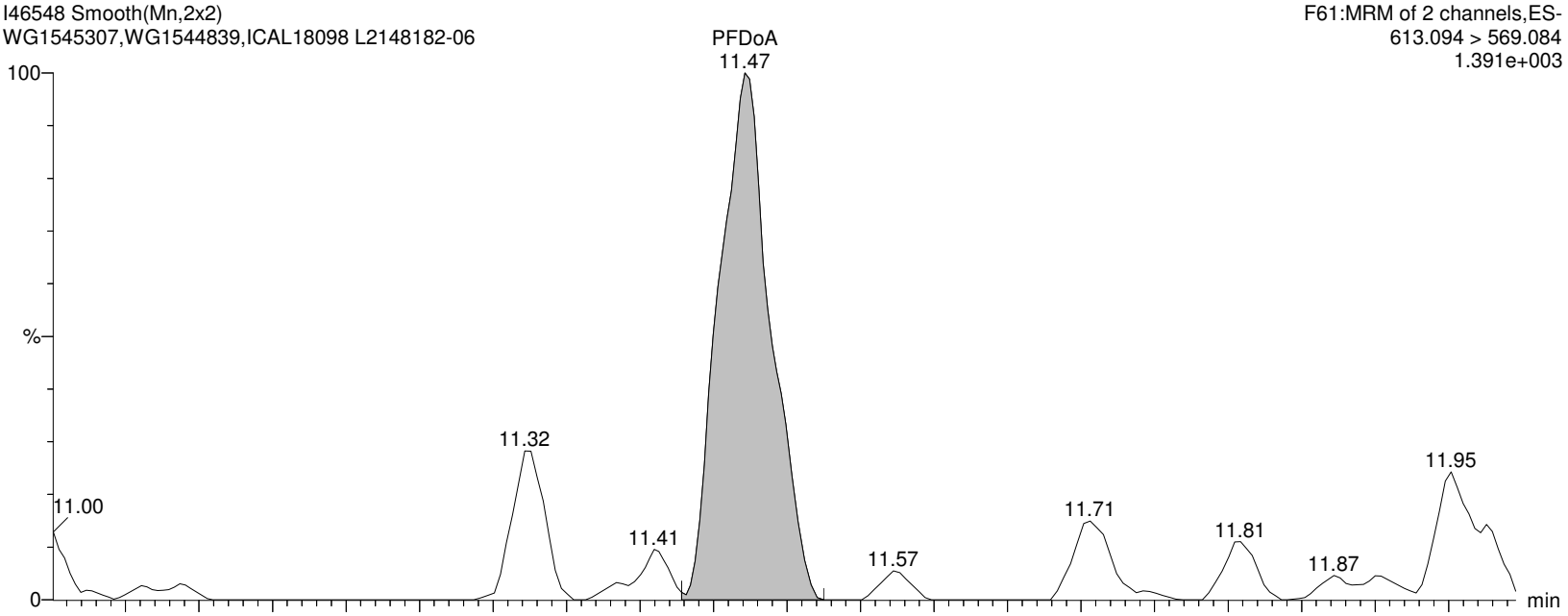


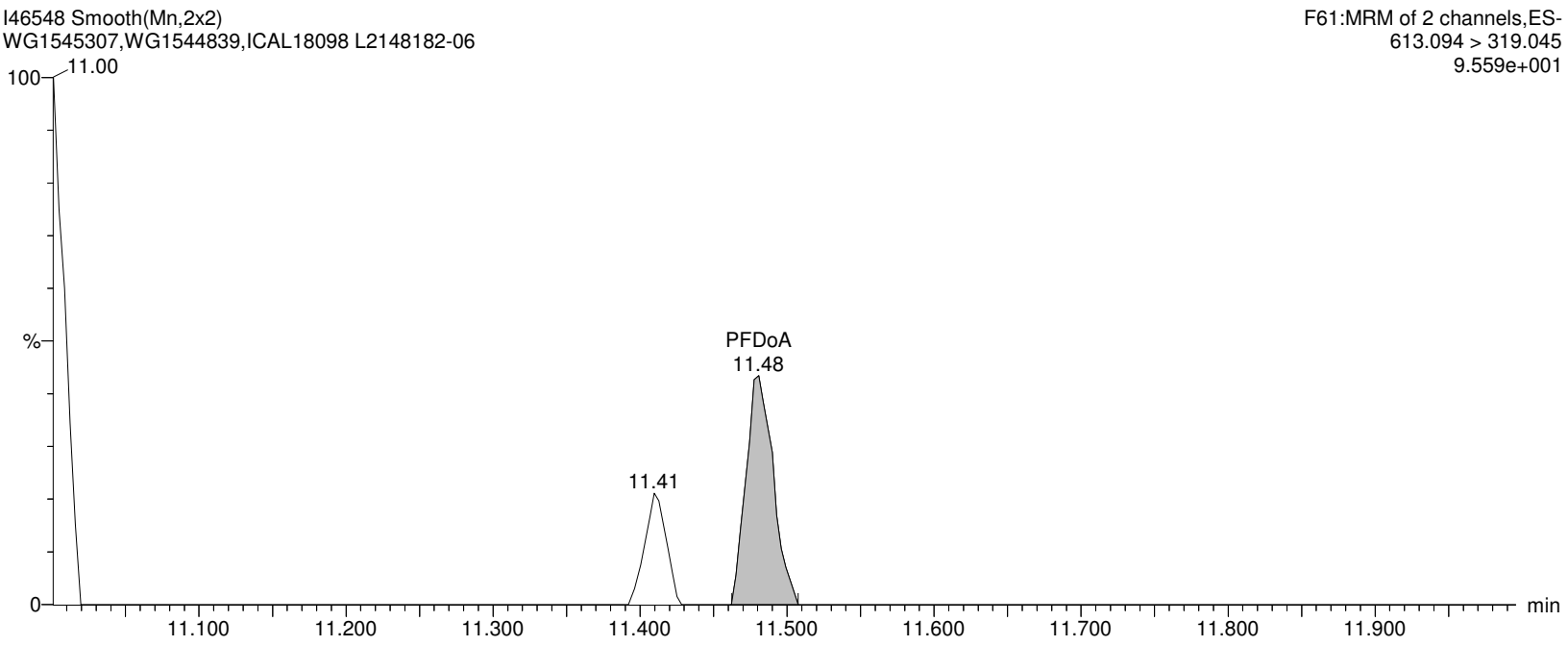
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:09 Eastern Daylight Time

Name: I46548
ID: L2148182-06
Date: 11-Sep-2021
Time: 19:11:22
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoA



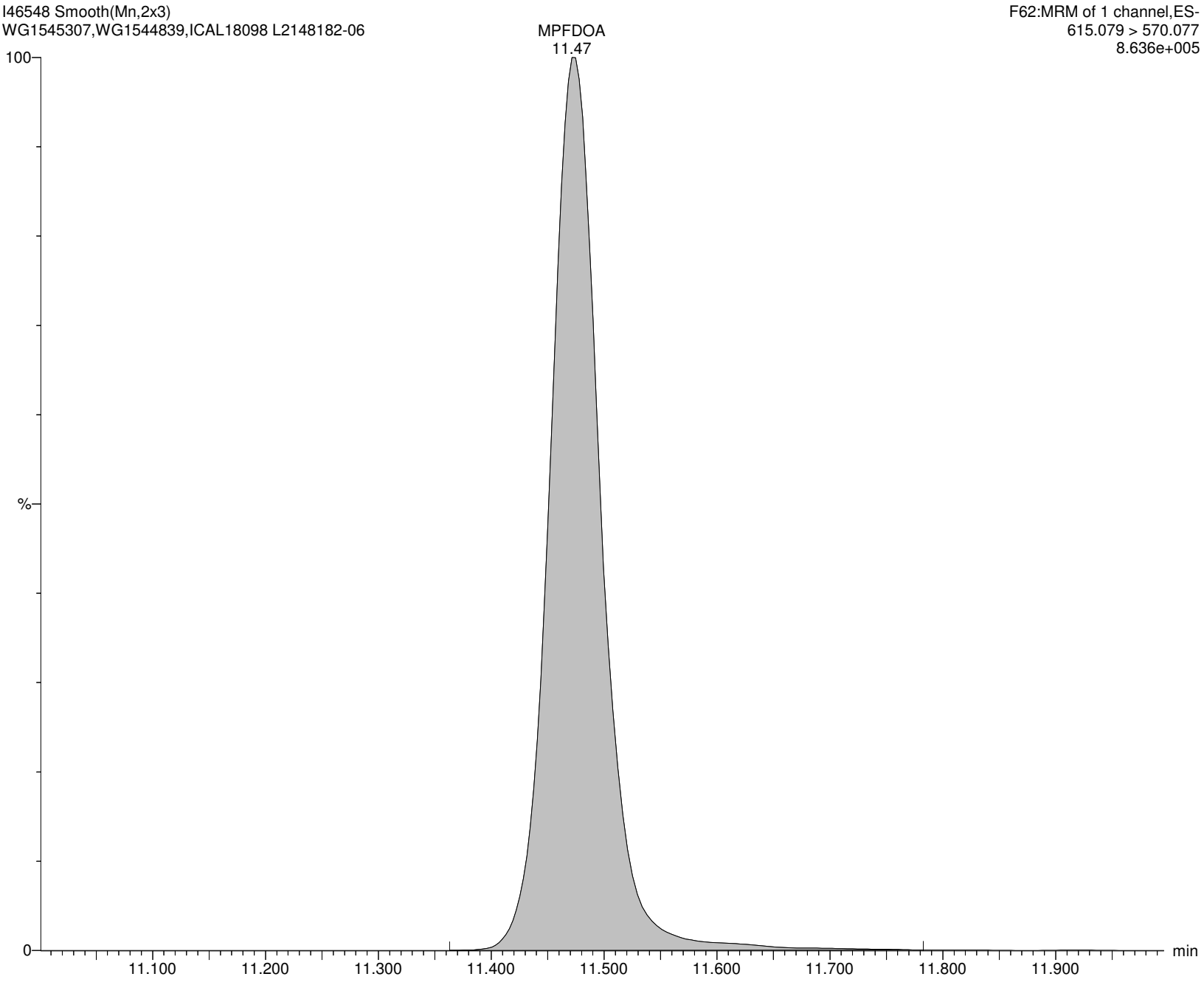


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:09 Eastern Daylight Time

Name: I46548
ID: L2148182-06
Date: 11-Sep-2021
Time: 19:11:22
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFDOA

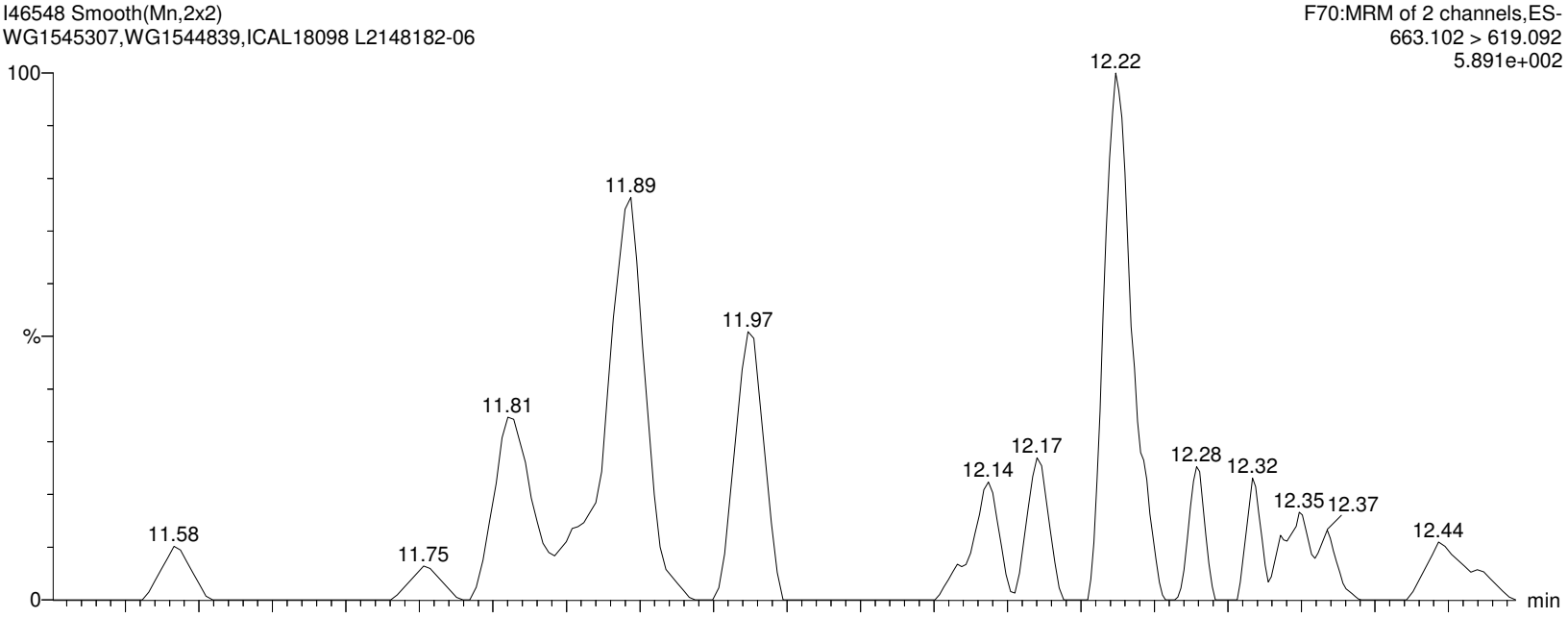


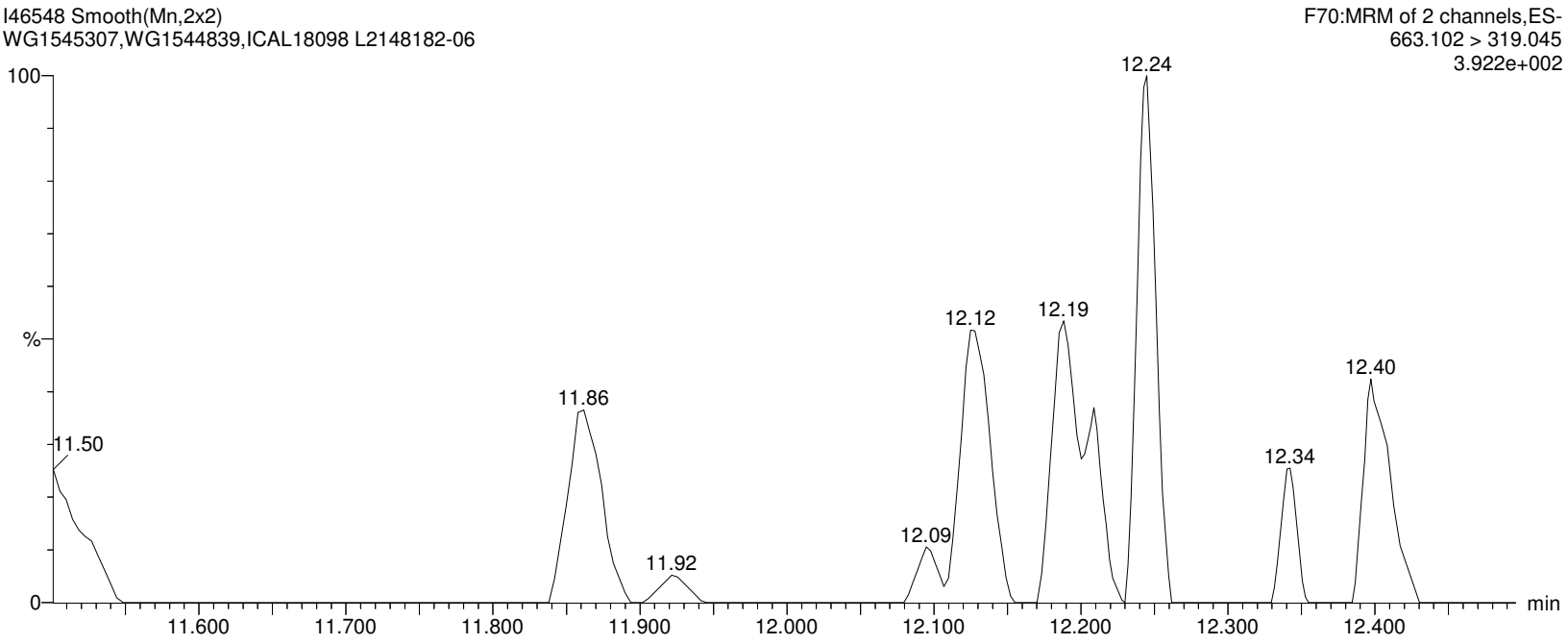
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:09 Eastern Daylight Time

Name: I46548
ID: L2148182-06
Date: 11-Sep-2021
Time: 19:11:22
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTrDA



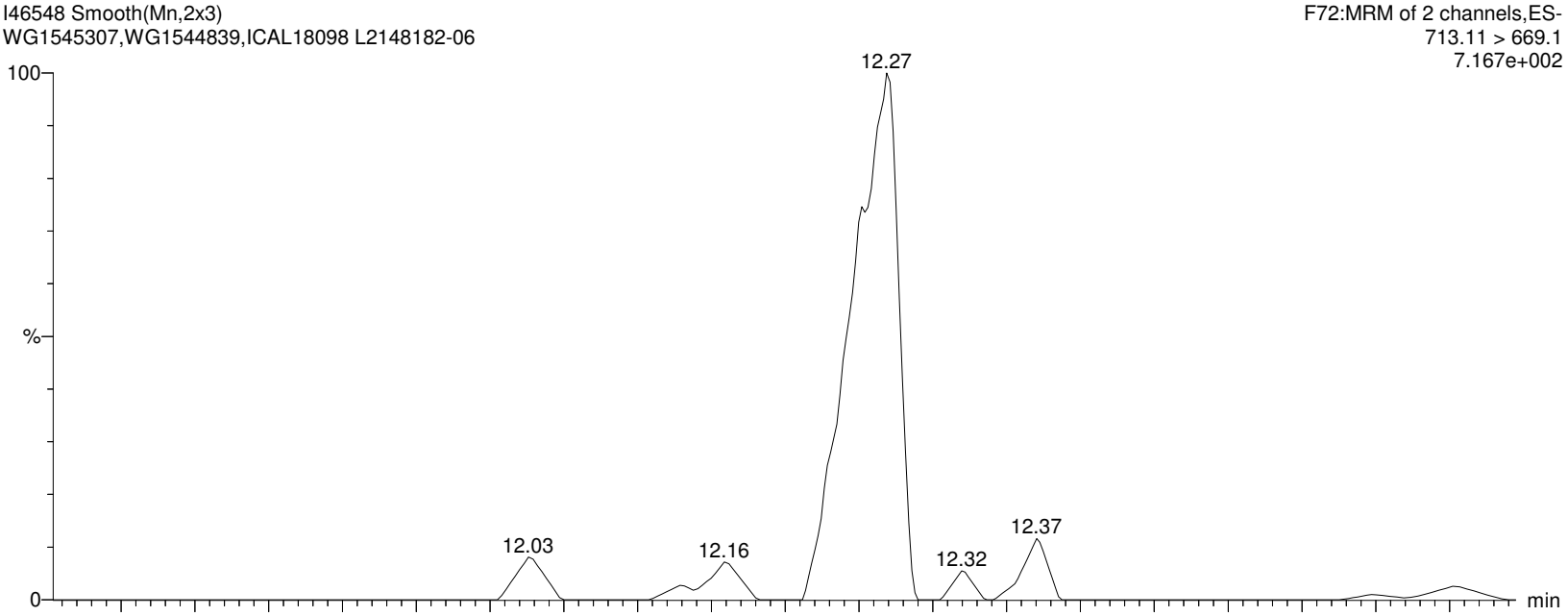


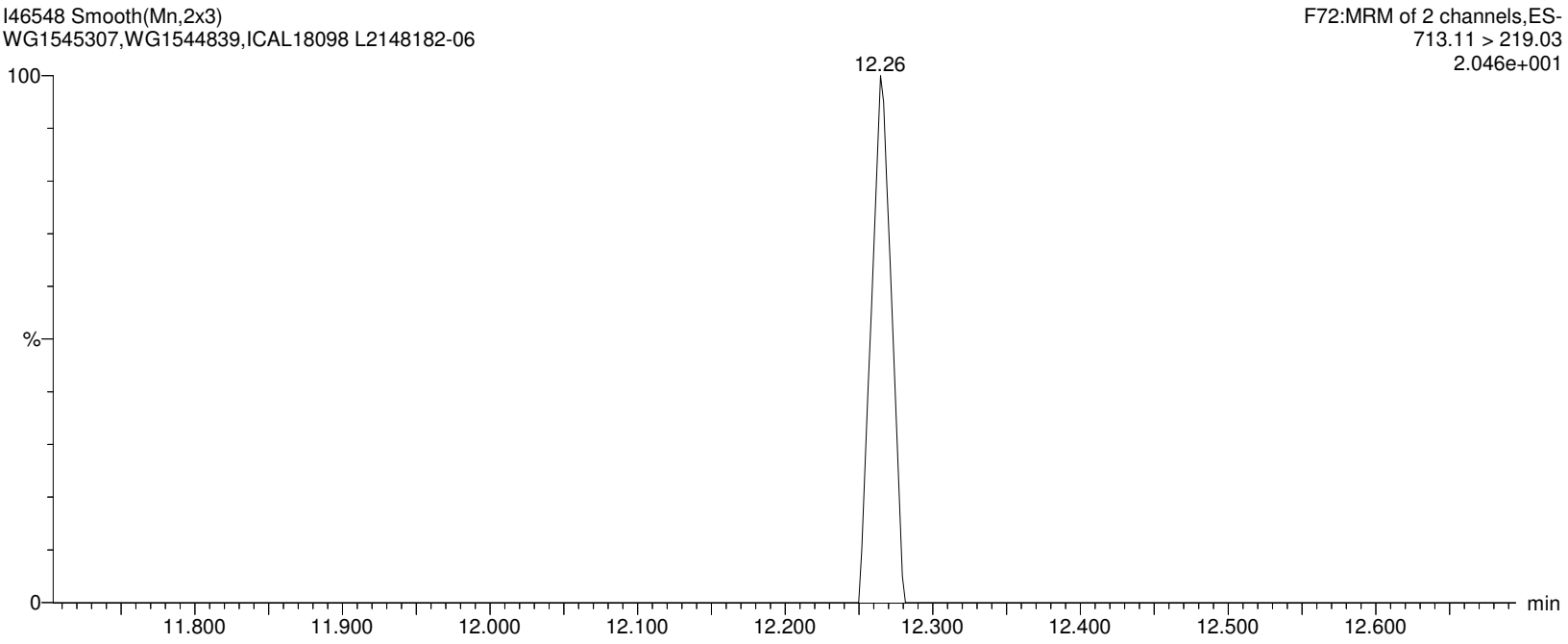
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:09 Eastern Daylight Time

Name: I46548
ID: L2148182-06
Date: 11-Sep-2021
Time: 19:11:22
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTA



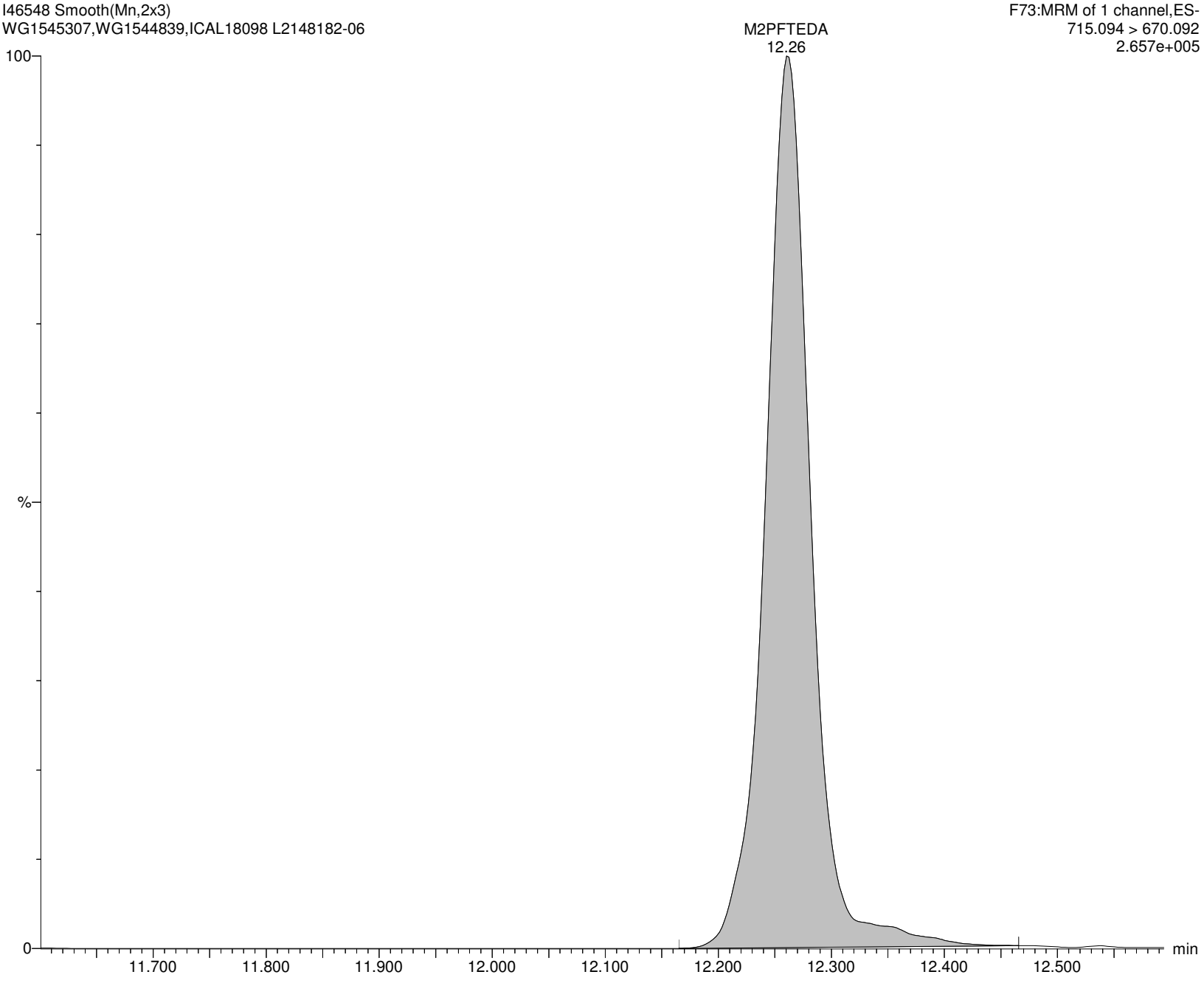


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:09 Eastern Daylight Time

Name: I46548
ID: L2148182-06
Date: 11-Sep-2021
Time: 19:11:22
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFTEDA



all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:11 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210911_537.PRO\MethDB\537ISO_Q_210625_TOP_RT2.mdb 03 Sep 2021 08:44:20
Calibration: C:\MassLynx\Data\2021\210911_537.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

ID: L2148182-07
Name: I46549
Date: 11-Sep-2021
Time: 19:27:56
Description: WG1545307,WG1544839,ICAL18098
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:SG
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.09	213.032 > 169.022	7884		1.827		na	
2	M3PFBA	INT STD	2.09	216.009 > 171.999	56662		10.793		na	107.9
3	MPFBA	INT STD	2.09	217.001 > 171.999	48494		7.960		na	79.6
4	PFPeA	2706-90-3	4.96	263.039 > 219.03	4508		0.896		na	
5	M5PFPEA	INT STD	4.95	268.001 > 222.999	53488		8.001		na	80.0
6	PFBS	375-73-5	5.60	299.092 > 80.062	1240		1.073	2.12	NO	
7	M3PFBS	INT STD	5.60	302.069 > 80.062	10645		7.477		na	74.8
8	4:2FTS	757124-72-4		327.146 > 307.139			ND		YES	
9	M2-4:2FTS	INT STD	6.77	329.13 > 309.124	6902		12.098		na	121.0
10	PFHxA	307-24-4	6.84	313.047 > 269.037	8813		1.491	15.66	NO	
11	M5PFHxA	INT STD	6.85	318.009 > 273.007	55714		8.384		na	83.8
12	PFPeS	2706-91-4	7.16	349.1 > 80.062	837		0.755	2.63	NO	
13	PFHpA	375-85-9	8.11	363.055 > 319.045	8788		1.065	5.65	NO	
14	M4PFHpA	INT STD	8.11	367.025 > 322.022	81535		8.229		na	82.3
15	br-PFHxS	355-46-4	8.04	399.107 > 80.062	409	M5,M7	0.385	1.98	NO	
16	L-PFHxS	355-46-4	8.27	399.107 > 80.062	1846		1.334	1.65	NO	
17	PFHxS	355-46-4		399.107 > 80.062	2255		1.719		na	
18	M3PFHxS	INT STD	8.27	402.084 > 80.062	12686		7.857		na	78.6
19	br-PFOA	335-67-1	8.84	413.063 > 369.053	7783		0.943	2.26	NO	
20	L-PFOA	335-67-1	9.06	413.063 > 369.053	42445		5.142	8.50	NO	
21	PFOA	335-67-1		413.063 > 369.053	50228		6.085		na	
22	M8PFOA	INT STD	9.06	421.002 > 376.	85663		7.764		na	77.6
23	M2PFOA	INT STD	9.06	415.048 > 370.045	108681		10.261		na	102.6
24	6:2FTS	27619-97-2	9.01	427.161 > 407.155	3992		7.656	3.72	NO	
25	M2-6:2FTS	INT STD	9.01	429.146 > 409.14	5390		9.203		na	92.0
26	PFHpS	375-92-8	9.15	449.115 > 80.062	233		0.278	1.39	NO	
27	PFNA	375-95-1	9.82	463.071 > 419.061	1536		0.252	3.72	NO	
28	M9PFNA	INT STD	9.82	472.002 > 427.	24432		7.709		na	77.1
29	br-PFOS	1763-23-1	9.61	499.123 > 80.062	5728	M5,M7	4.313	4.98	NO	
30	L-PFOS	1763-23-1	9.87	499.123 > 80.062	6897	M4	6.654	1.79	NO	
31	PFOS	1763-23-1		499.123 > 80.062	12625		10.966		na	
32	M4PFOS	INT STD	9.87	503.093 > 80.062	12904		11.401		na	114.0
33	M8PFOS	INT STD	9.87	507.062 > 80.062	11699		8.091		na	80.9
34	PFDA	335-76-2	10.45	513.078 > 469.069	478	M7	0.086	5.52	NO	
35	M2PFDA	INT STD	10.45	515.053 > 469.934	63841		10.465		na	104.7
36	M6PFDA	INT STD	10.45	519.033 > 474.03	55678		7.684		na	76.8
37	8:2FTS	39108-34-4	10.45	527.177 > 507.171	3	M2	0.012		YES	
38	M2-8:2FTS	INT STD	10.44	529.162 > 509.155	3351		7.782		na	77.8
39	PFNS	68259-12-1		549.131 > 80.062			ND		YES	

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:11 Eastern Daylight Time

ID: L2148182-07
Name: I46549
Date: 11-Sep-2021
Time: 19:27:56
Description: WG1545307,WG1544839,ICAL18098
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:SG
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.84	573.22 > 419.061	4048		5.927		na	59.3
41	br-NMeFOSAA			570.202 > 419.061			ND		YES	
42	L-NMeFOSAA			570.202 > 419.061			ND		YES	
43	NMeFOSAA	2355-31-9		570.202 > 419.061	0		ND		na	
44	PFUnA	2058-94-8	11.00	563.086 > 519.076	140	M4,M7	0.027	18.62	YES	
45	M7-PFUDA	INT STD	11.00	570.033 > 525.031	52110		7.711		na	77.1
46	PFDS	335-77-3		599.139 > 80.062			ND		YES	
47	FOSA	754-91-6	10.93	498.146 > 78.07	6	M2	0.011		YES	
48	M8FOSA	INT STD	10.93	506.077 > 78.07	6314		1.609		na	16.1
49	br-NEtFOSAA			584.229 > 419.061			ND		YES	
50	L-NEtFOSAA			584.229 > 419.061			ND		YES	
51	NEtFOSAA	2991-50-6		584.229 > 419.061	0		ND		na	
52	d5-NEtFOSAA	INT STD	11.14	589.259 > 419.061	3400		6.025		na	60.2
53	PFDoA	307-55-1		613.094 > 569.084			ND		YES	
54	MPFDOA	INT STD	11.48	615.079 > 570.077	47049		7.216		na	72.2
55	PFTrDA	72629-94-8		663.102 > 619.092			ND		YES	
56	PFTA	376-06-7		713.11 > 669.1			ND		YES	
57	M2PFTEDA	INT STD	12.26	715.094 > 670.092	12367		6.048		na	60.5

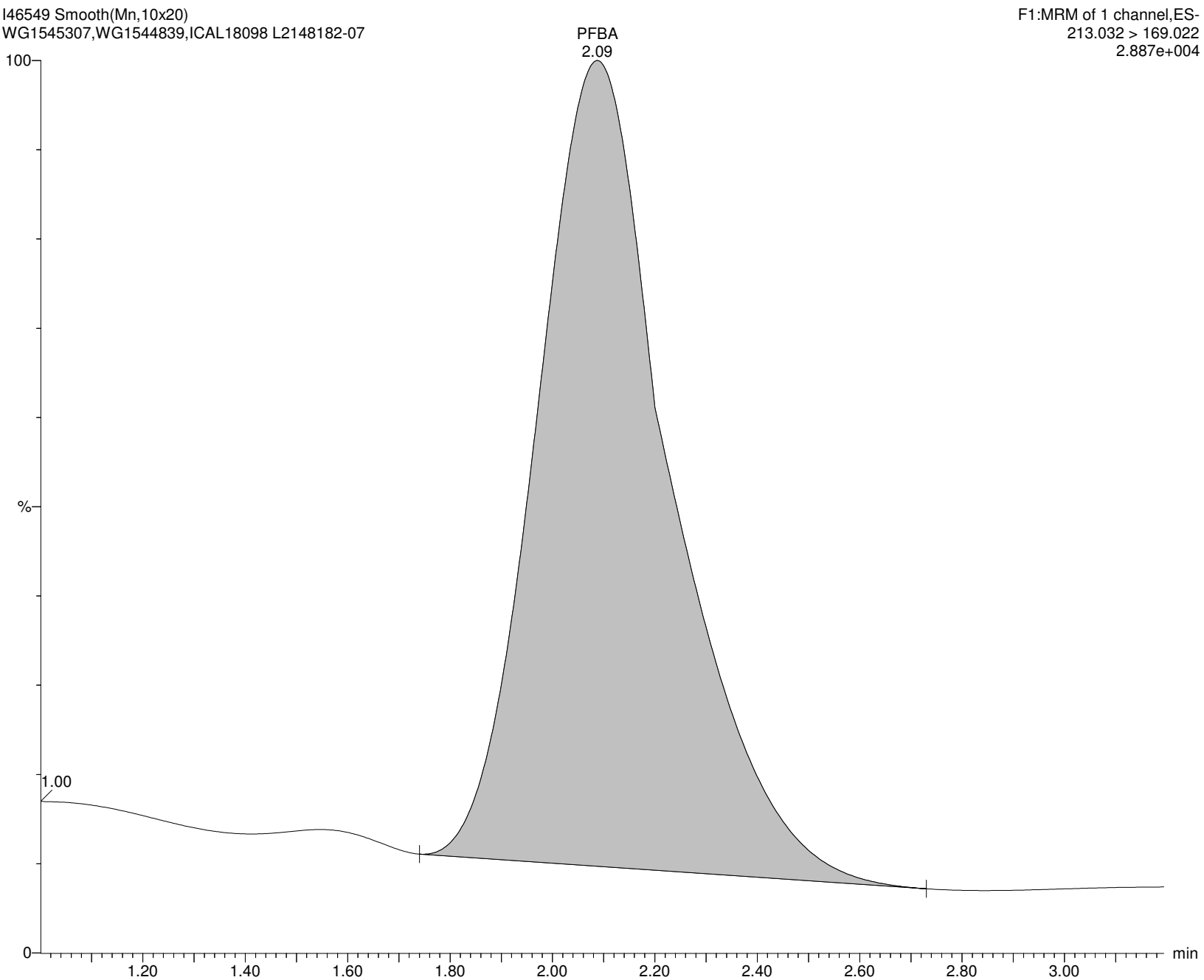
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:11 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210911_537.PRO\MethDB\537ISO_Q_210625_TOP_RT2.mdb 03 Sep 2021 08:44:20
Calibration: C:\MassLynx\Data\2021\210911_537.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

Name: I46549
ID: L2148182-07
Date: 11-Sep-2021
Time: 19:27:56
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBA

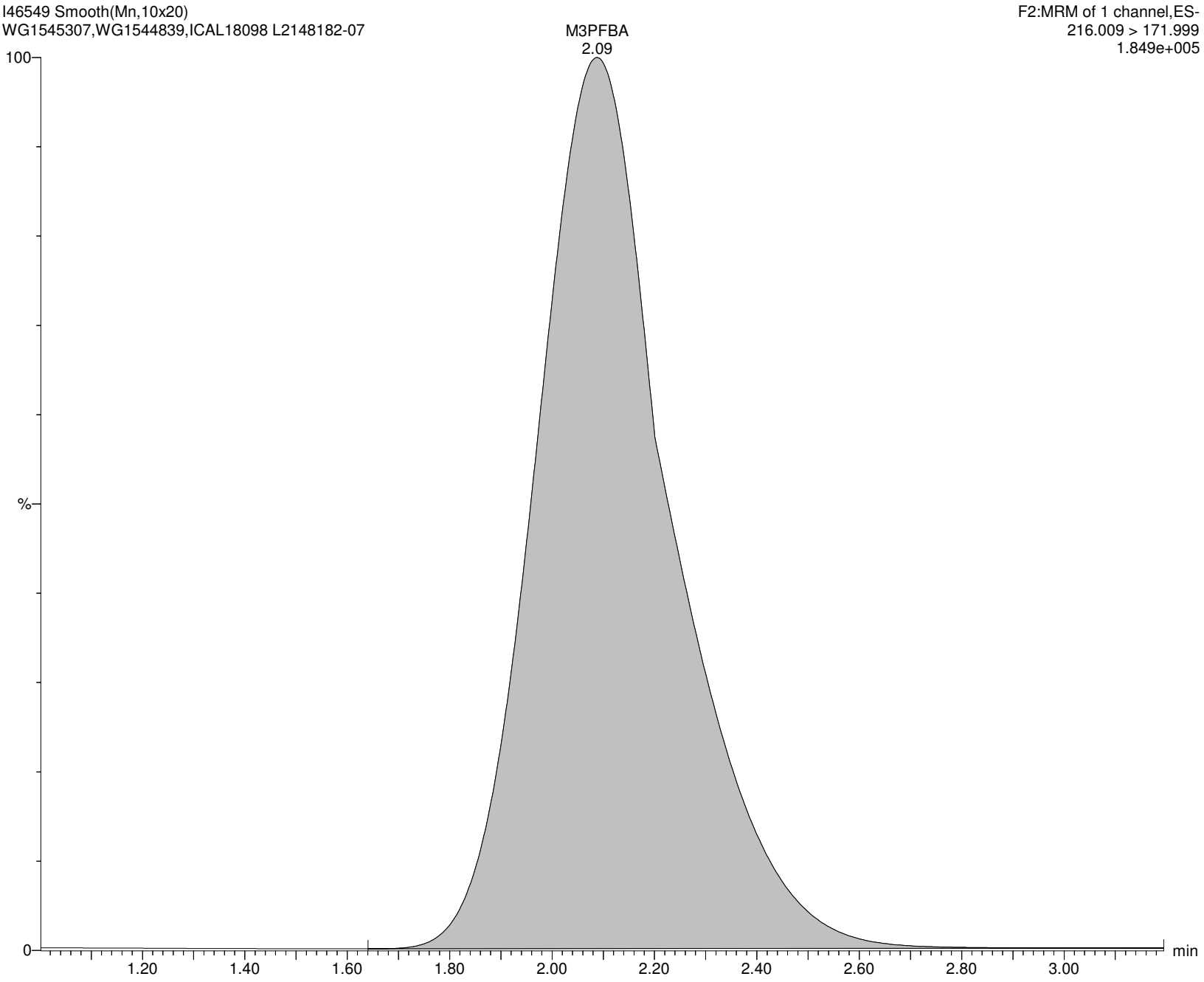


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:11 Eastern Daylight Time

Name: I46549
ID: L2148182-07
Date: 11-Sep-2021
Time: 19:27:56
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBA

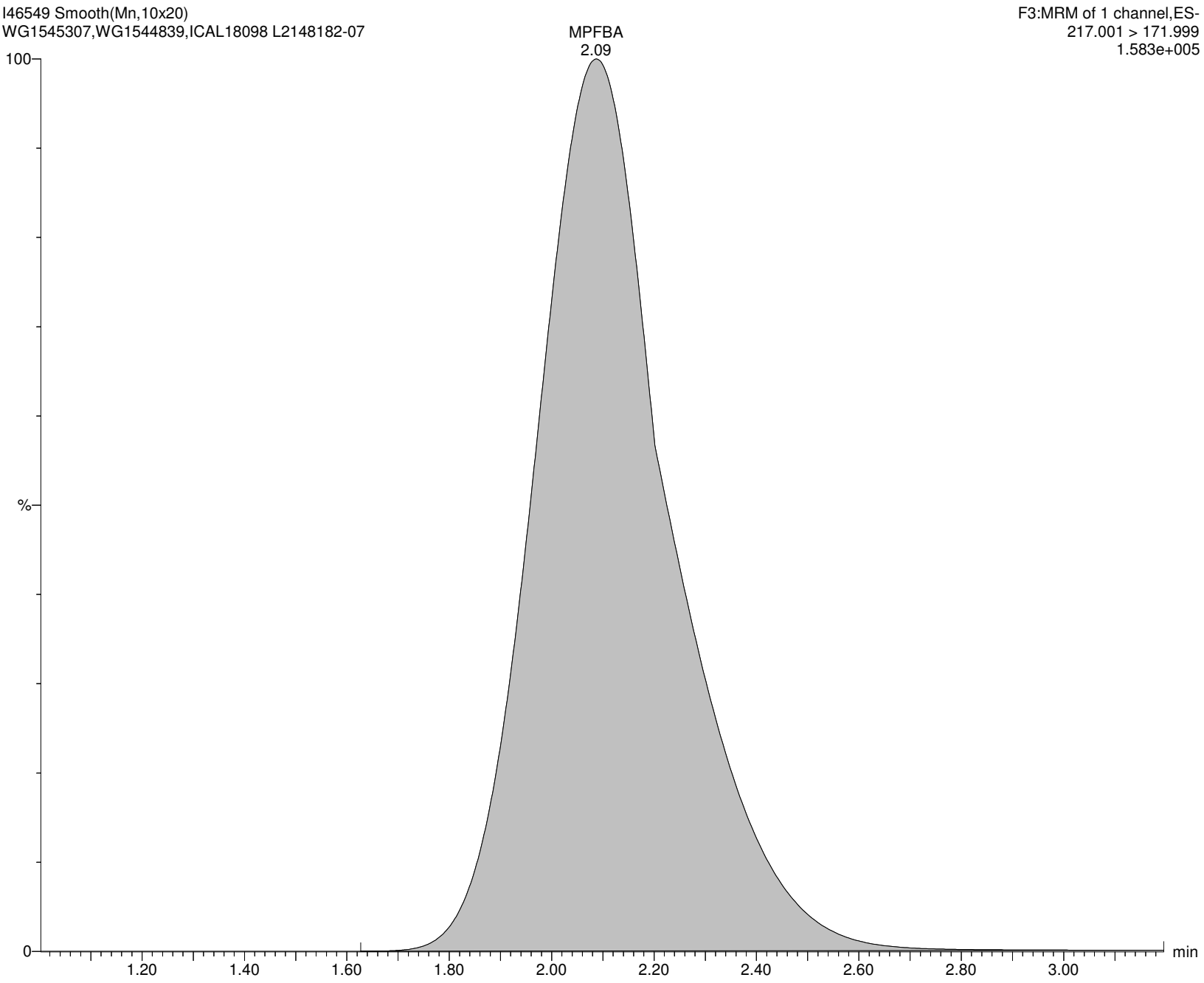


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:11 Eastern Daylight Time

Name: I46549
ID: L2148182-07
Date: 11-Sep-2021
Time: 19:27:56
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFBA

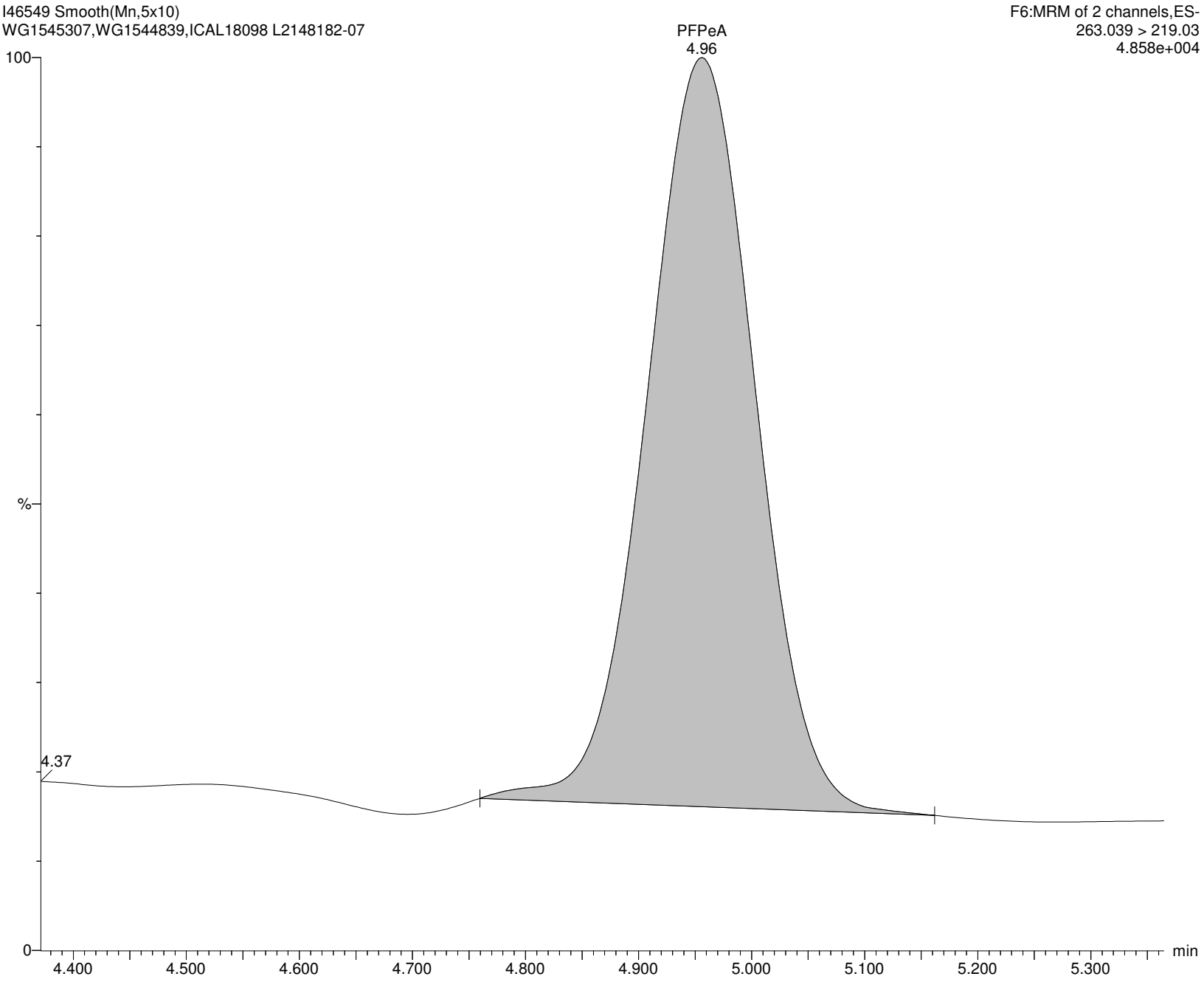


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:11 Eastern Daylight Time

Name: I46549
ID: L2148182-07
Date: 11-Sep-2021
Time: 19:27:56
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeA

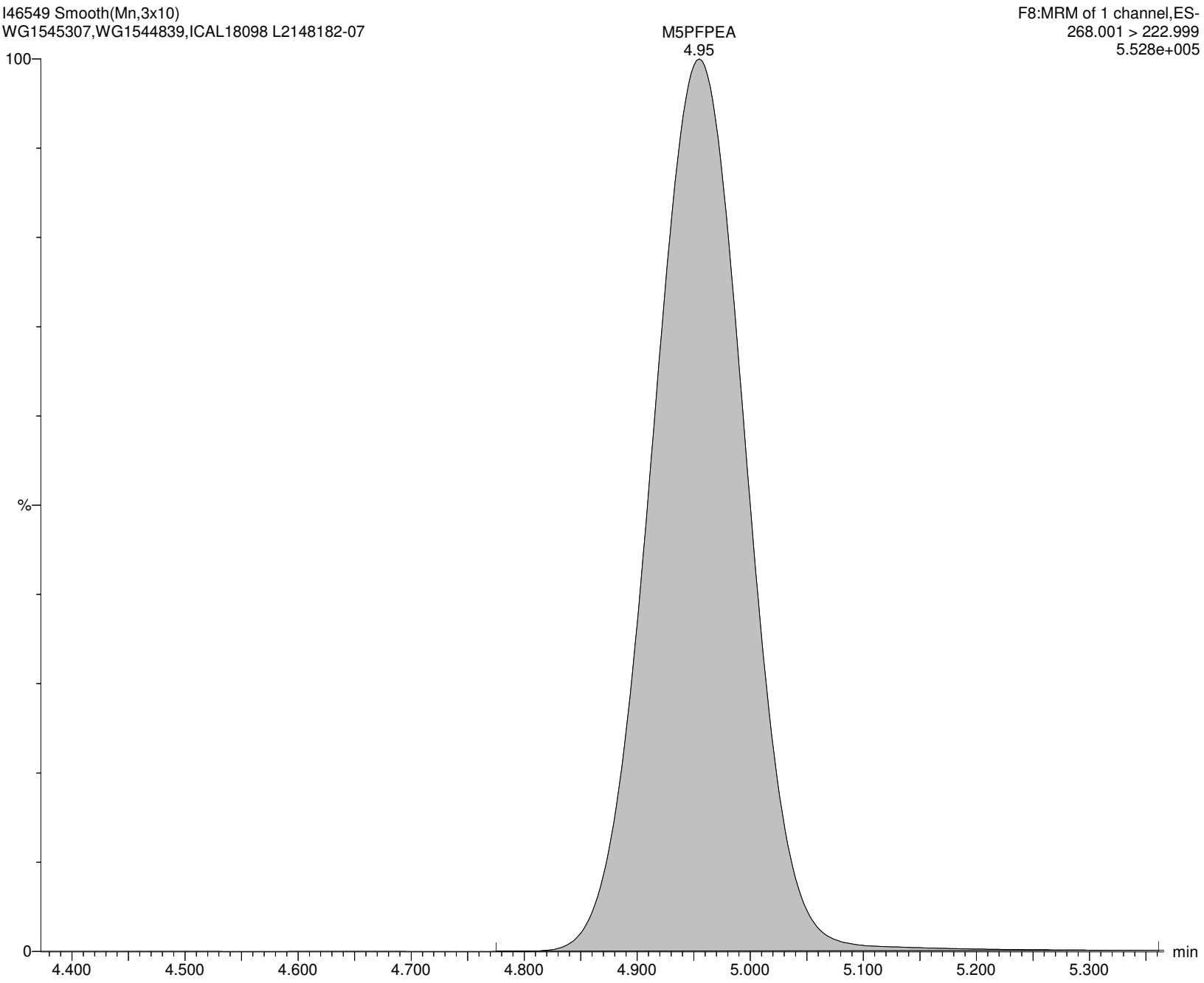


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:11 Eastern Daylight Time

Name: I46549
ID: L2148182-07
Date: 11-Sep-2021
Time: 19:27:56
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFPEA

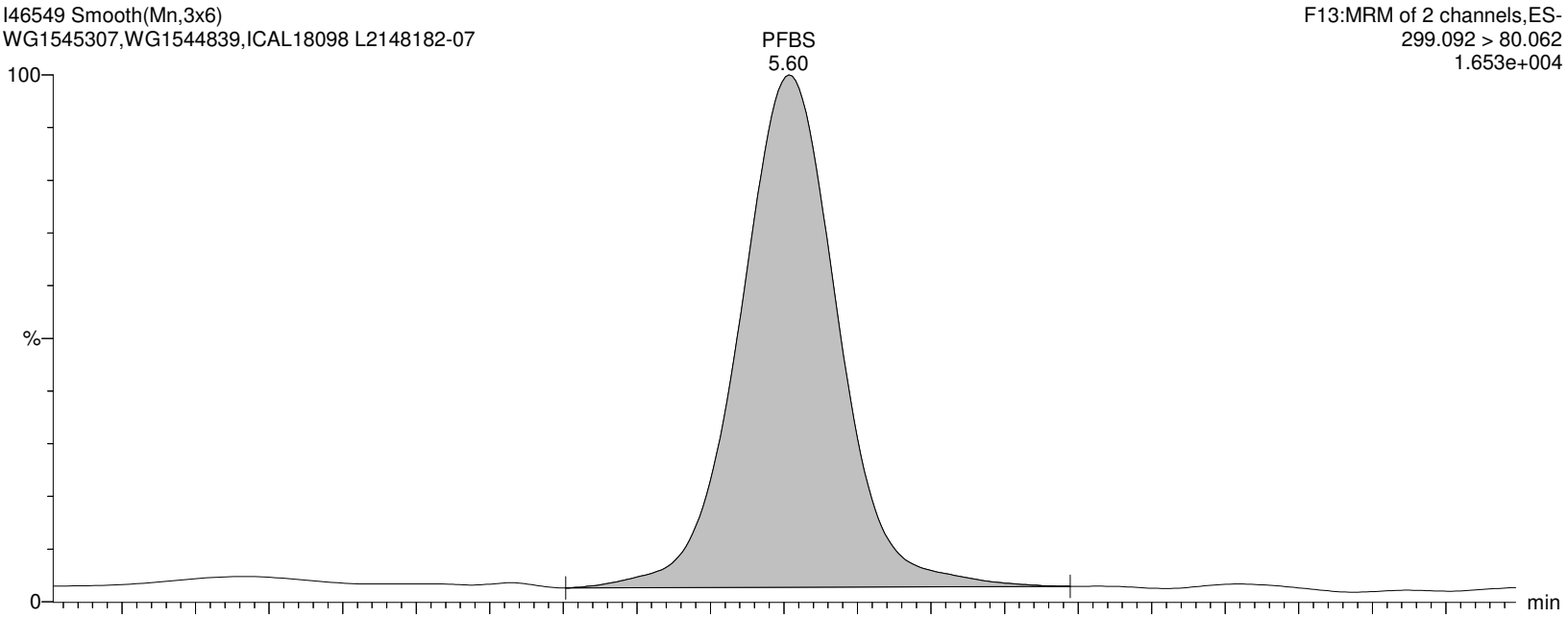


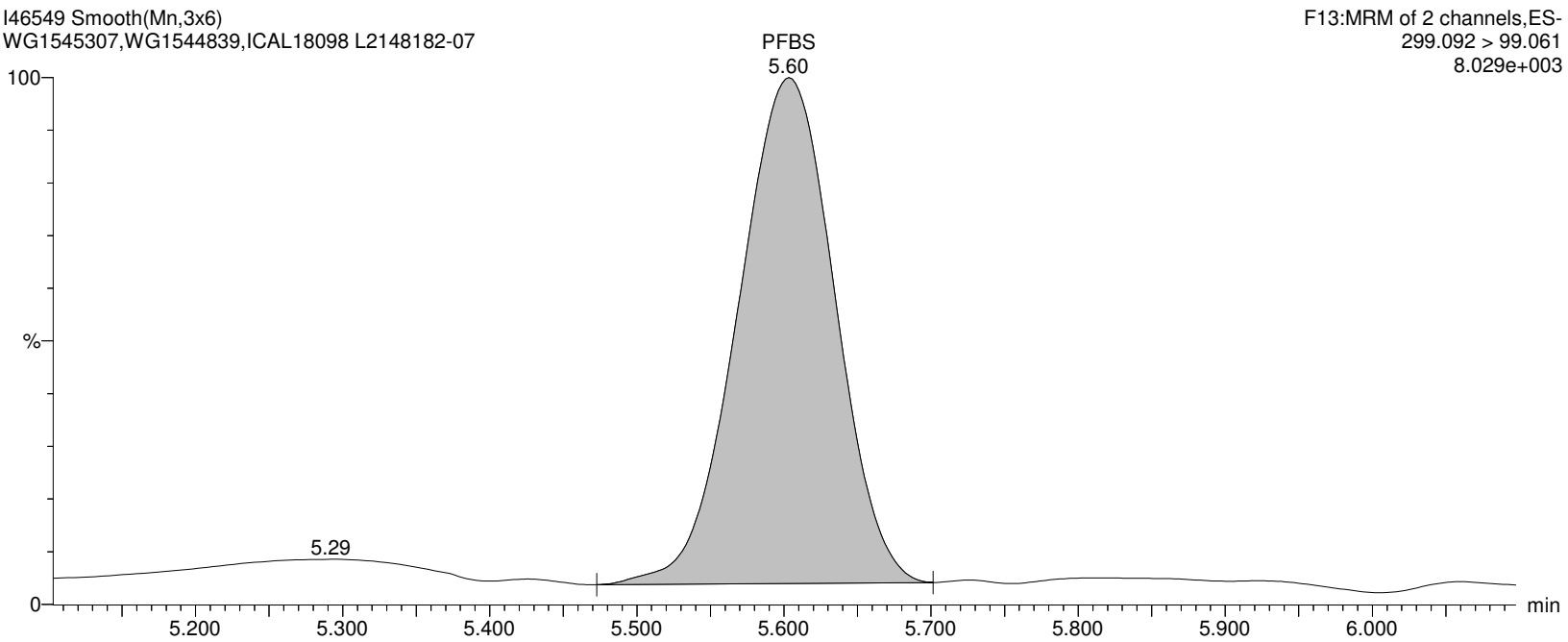
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:11 Eastern Daylight Time

Name: I46549
ID: L2148182-07
Date: 11-Sep-2021
Time: 19:27:56
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBS



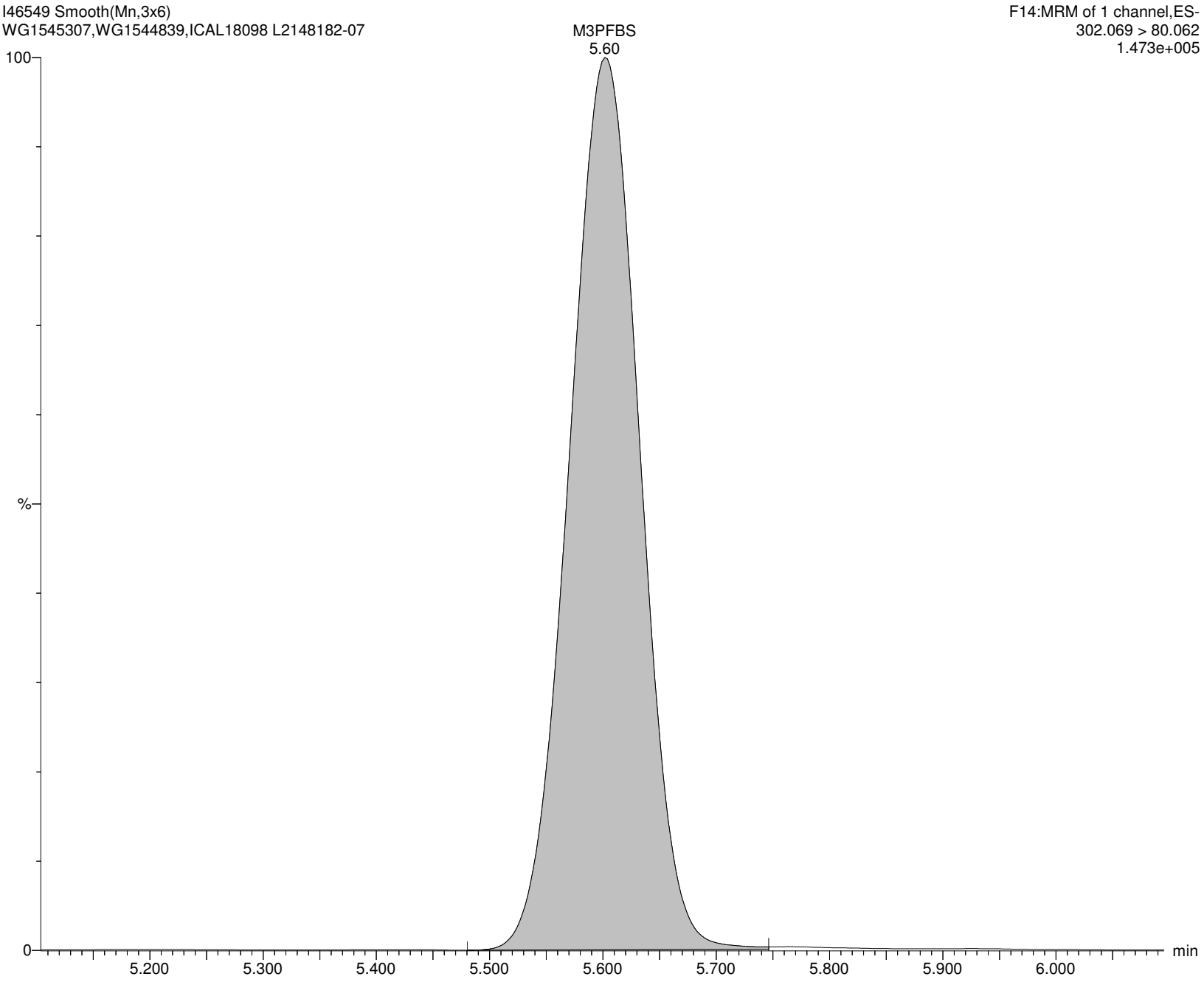


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:11 Eastern Daylight Time

Name: I46549
ID: L2148182-07
Date: 11-Sep-2021
Time: 19:27:56
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBS

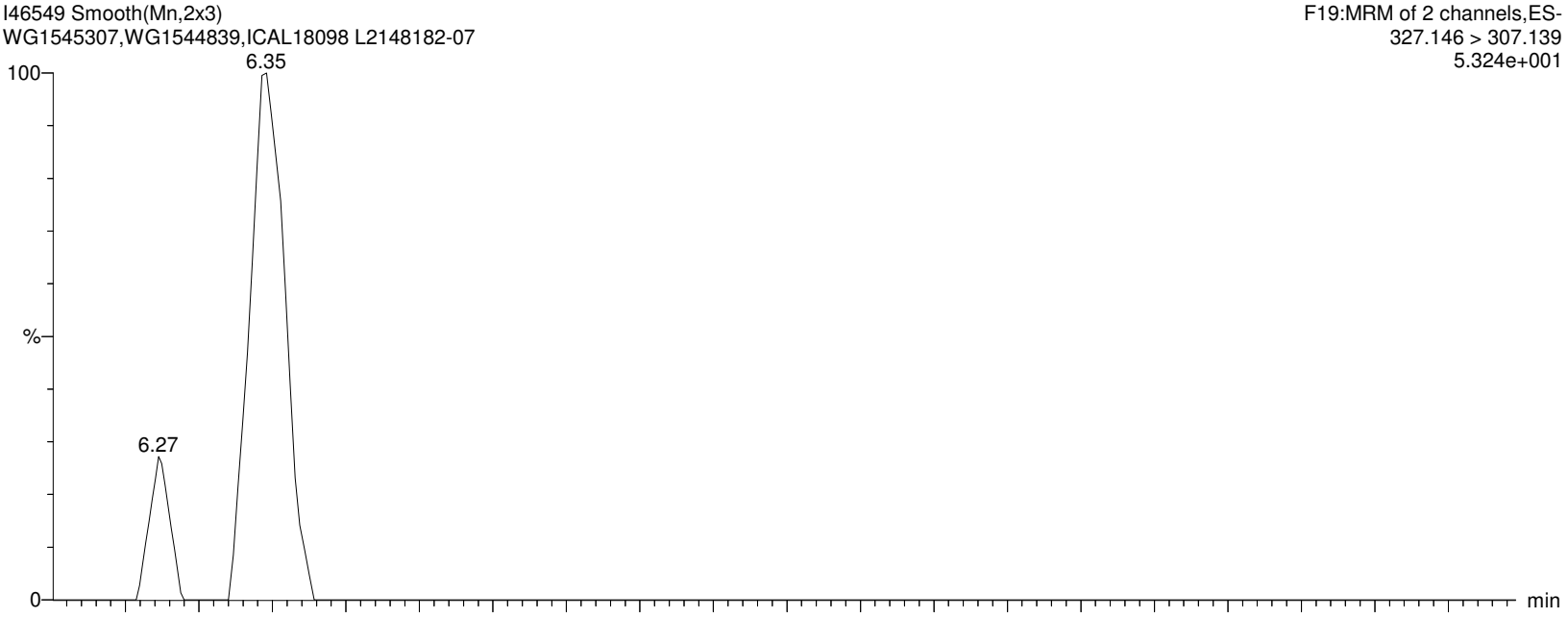


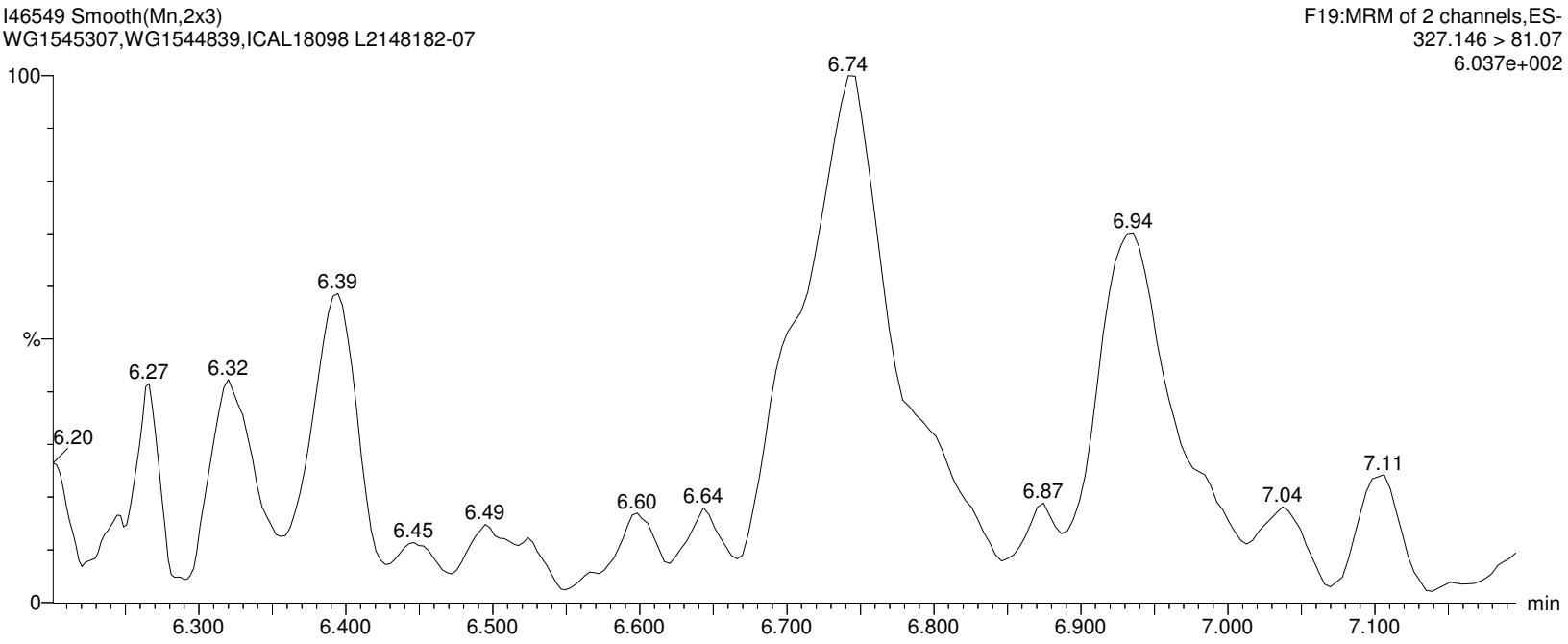
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:11 Eastern Daylight Time

Name: I46549
ID: L2148182-07
Date: 11-Sep-2021
Time: 19:27:56
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

4:2FTS



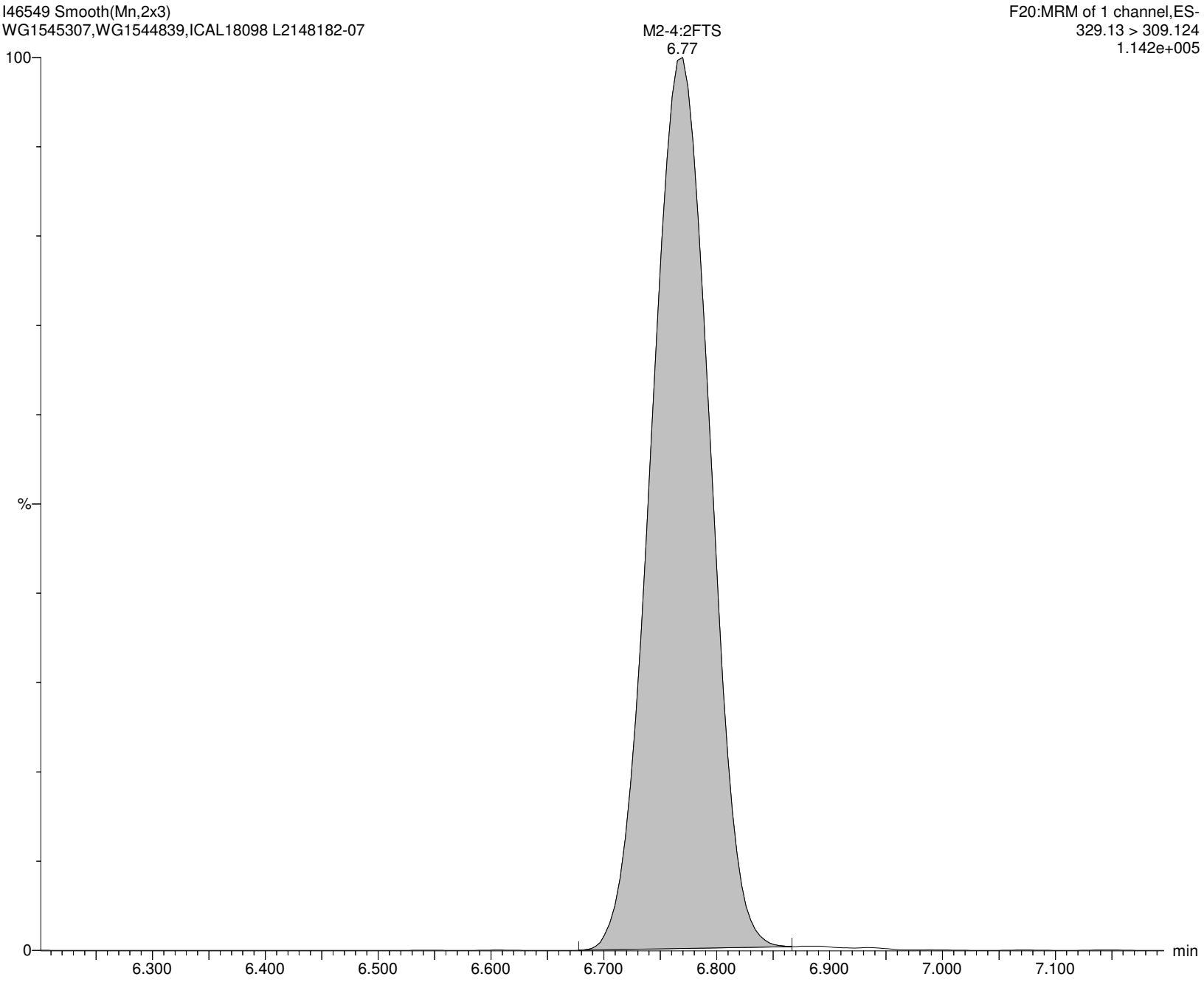


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:11 Eastern Daylight Time

Name: I46549
ID: L2148182-07
Date: 11-Sep-2021
Time: 19:27:56
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-4:2FTS

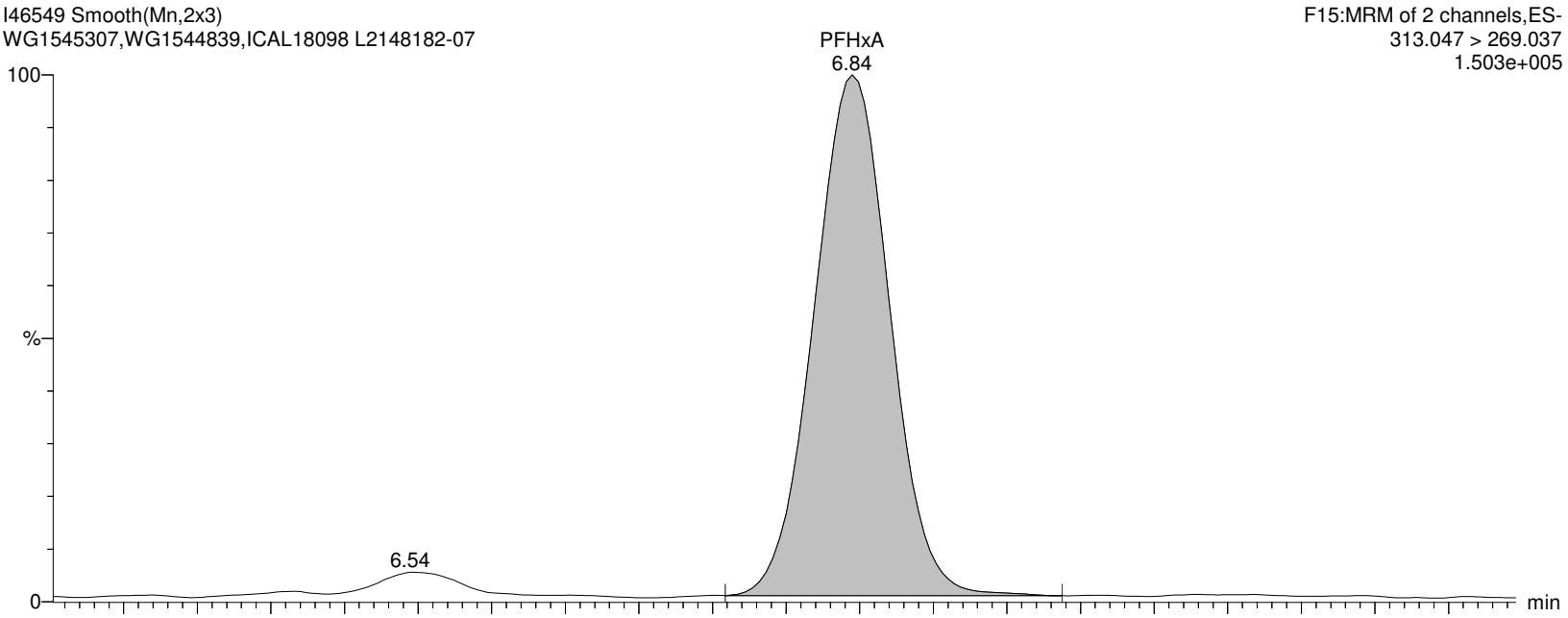


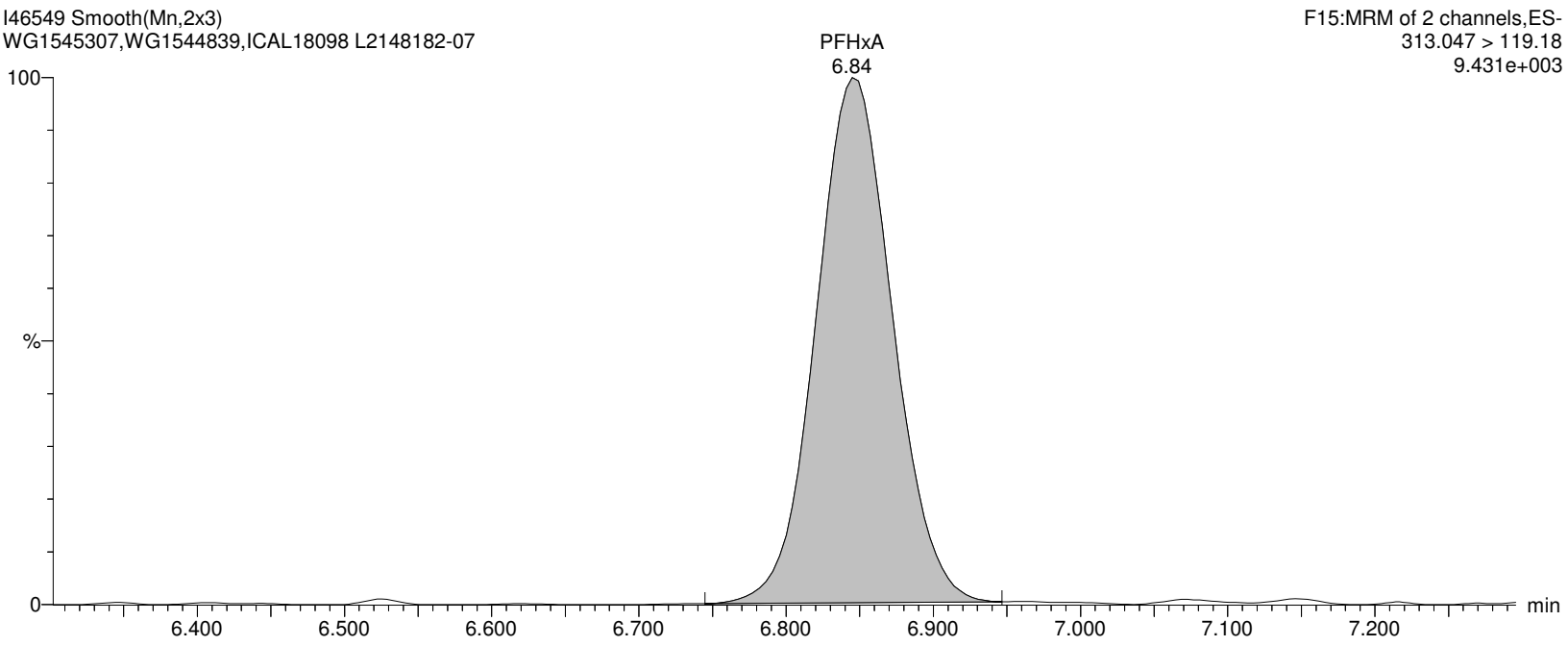
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:11 Eastern Daylight Time

Name: I46549
ID: L2148182-07
Date: 11-Sep-2021
Time: 19:27:56
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxA



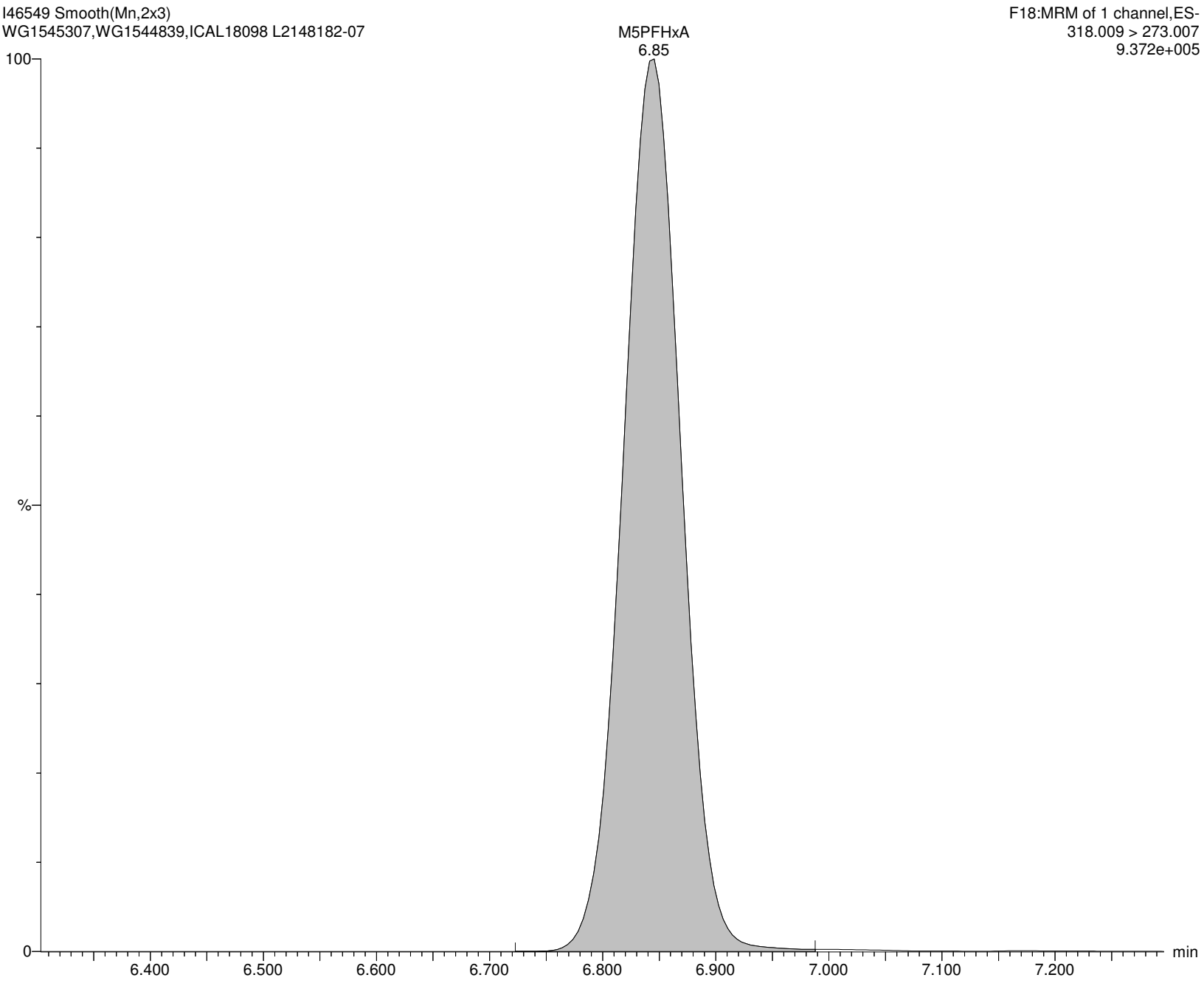


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:11 Eastern Daylight Time

Name: I46549
ID: L2148182-07
Date: 11-Sep-2021
Time: 19:27:56
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFHxA

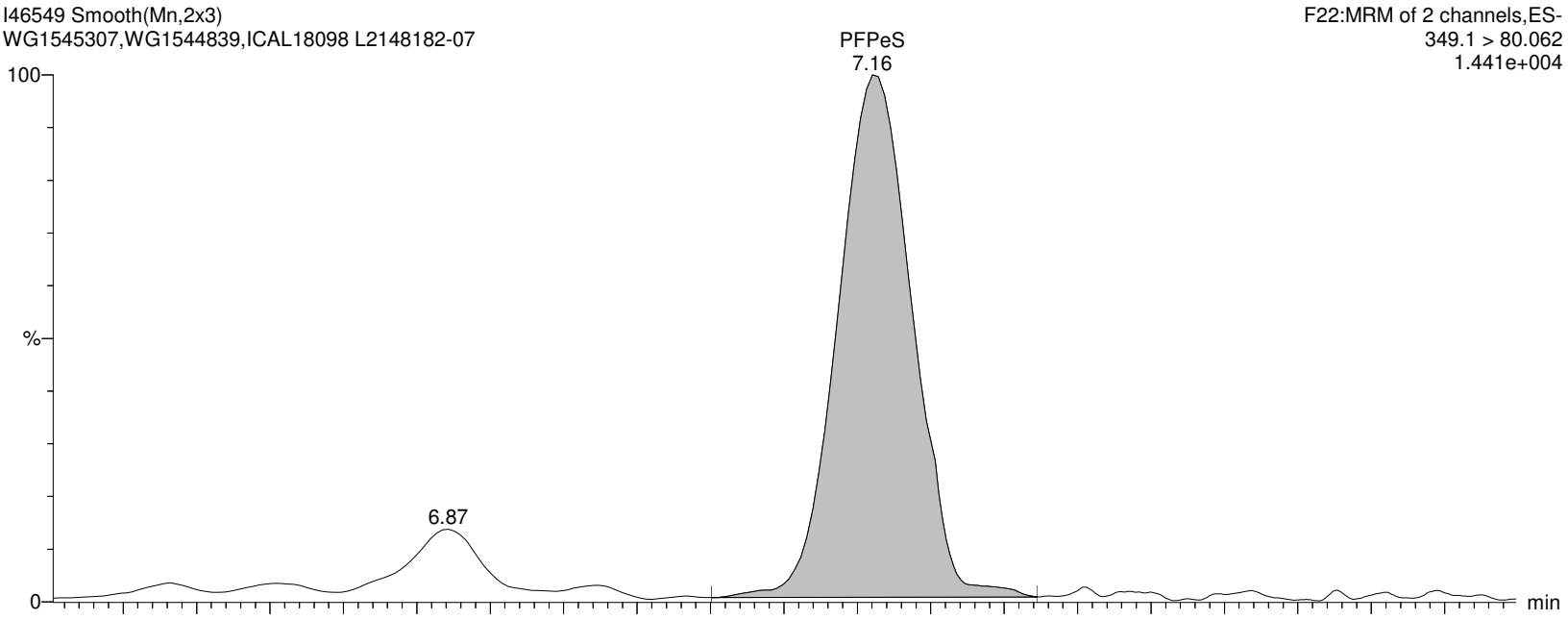


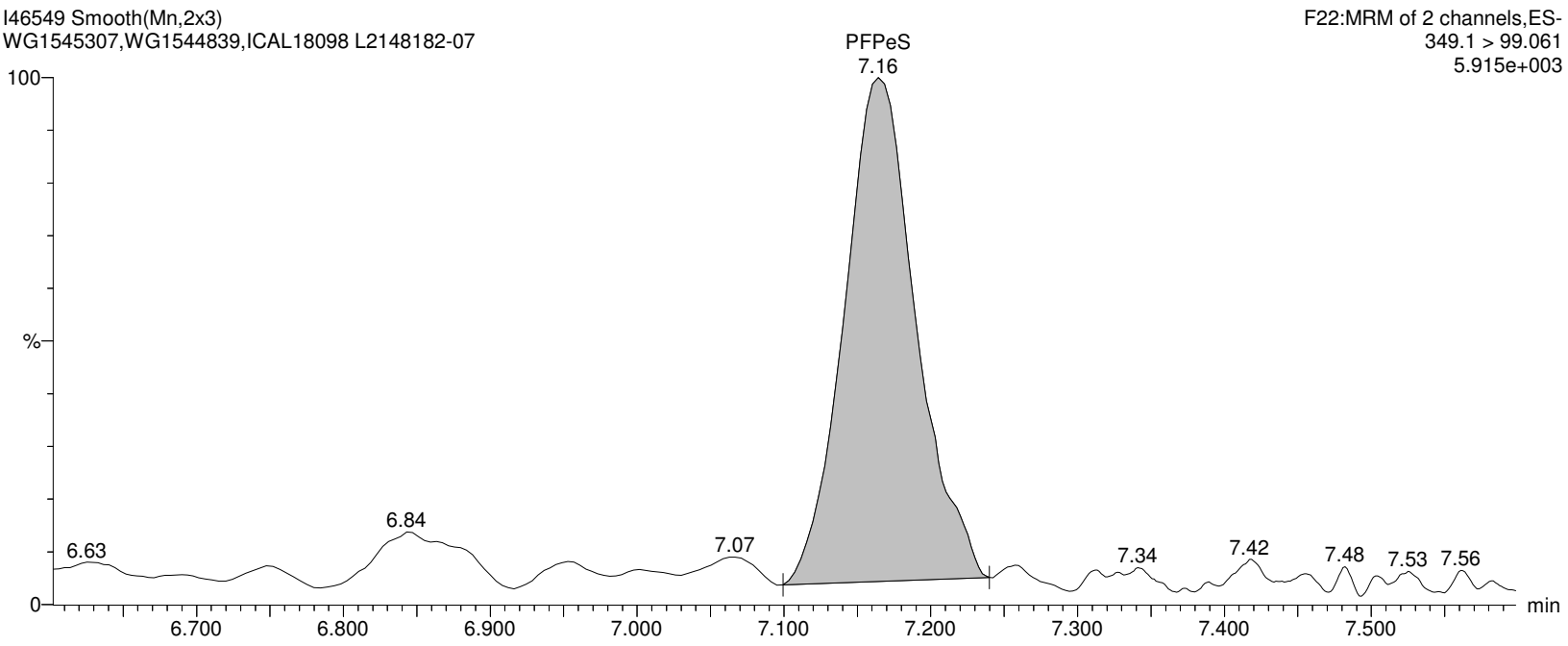
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:11 Eastern Daylight Time

Name: I46549
ID: L2148182-07
Date: 11-Sep-2021
Time: 19:27:56
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeS



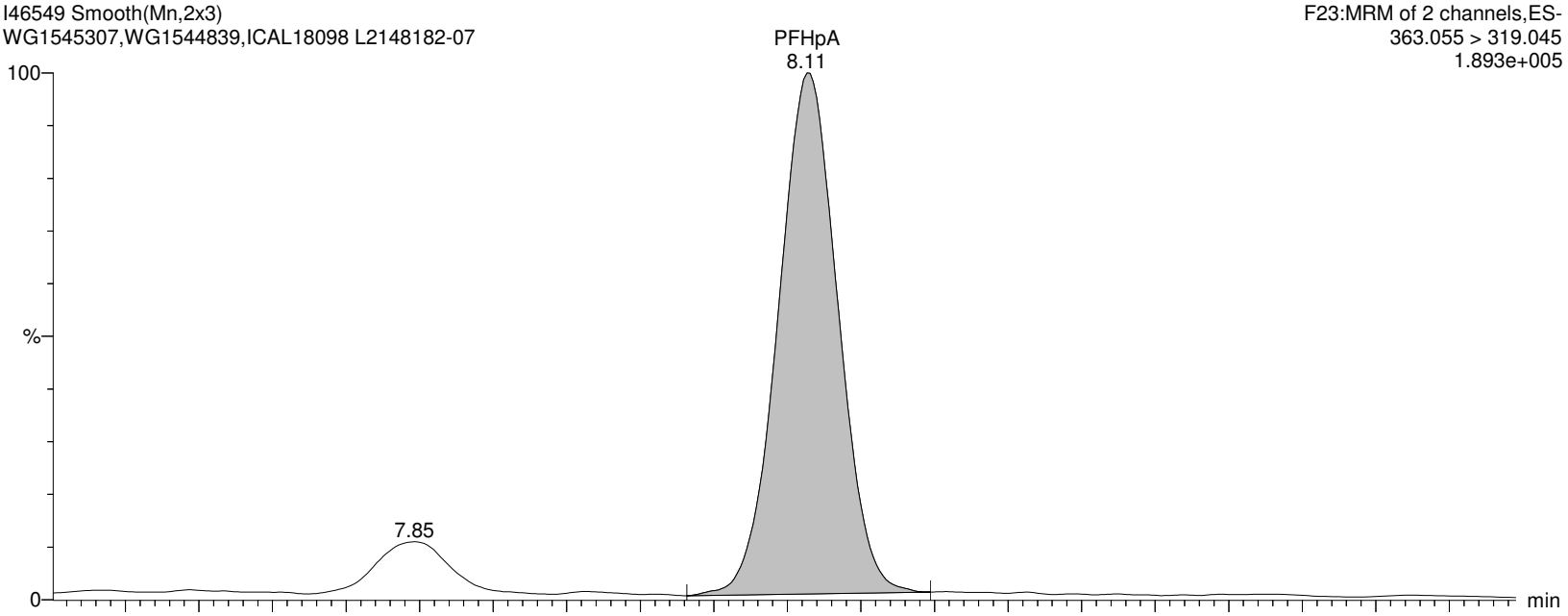


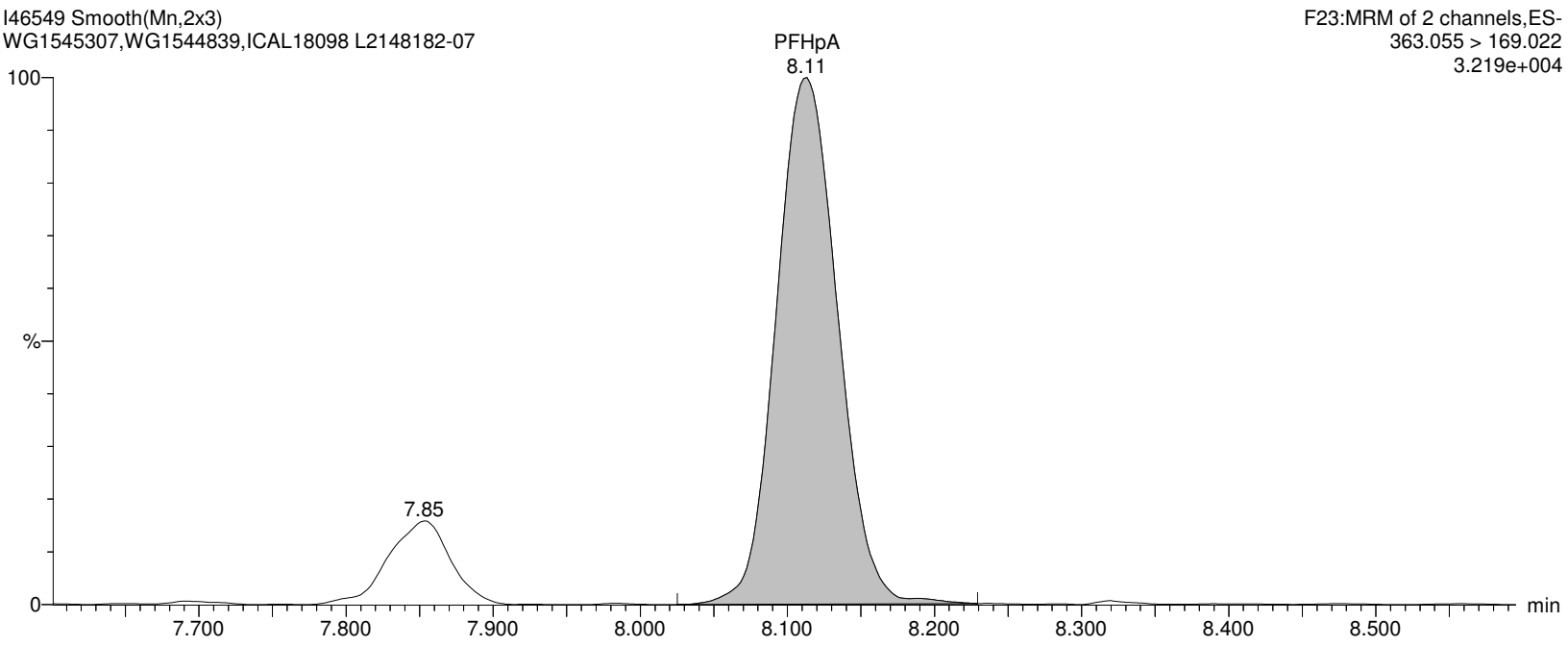
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:11 Eastern Daylight Time

Name: I46549
ID: L2148182-07
Date: 11-Sep-2021
Time: 19:27:56
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpA



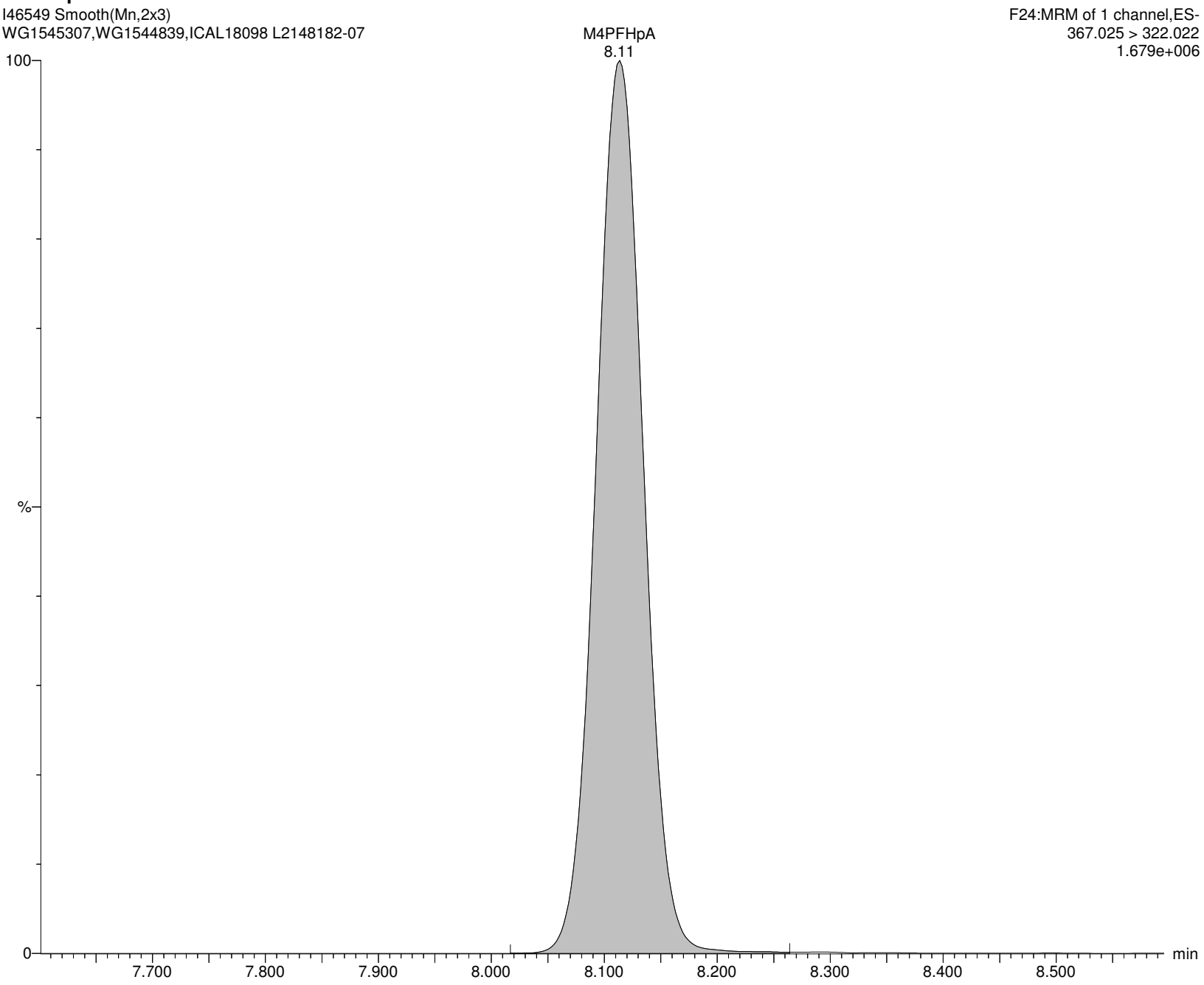


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:11 Eastern Daylight Time

Name: I46549
ID: L2148182-07
Date: 11-Sep-2021
Time: 19:27:56
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFHpA

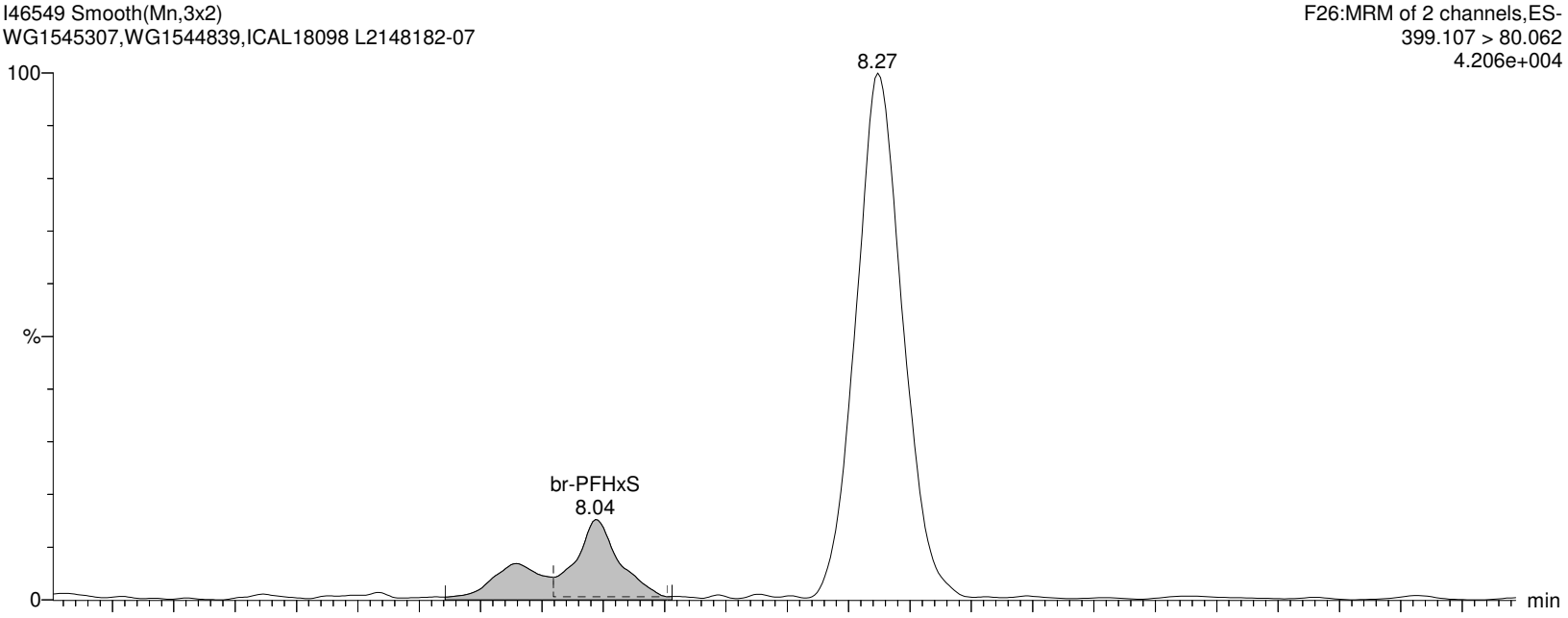


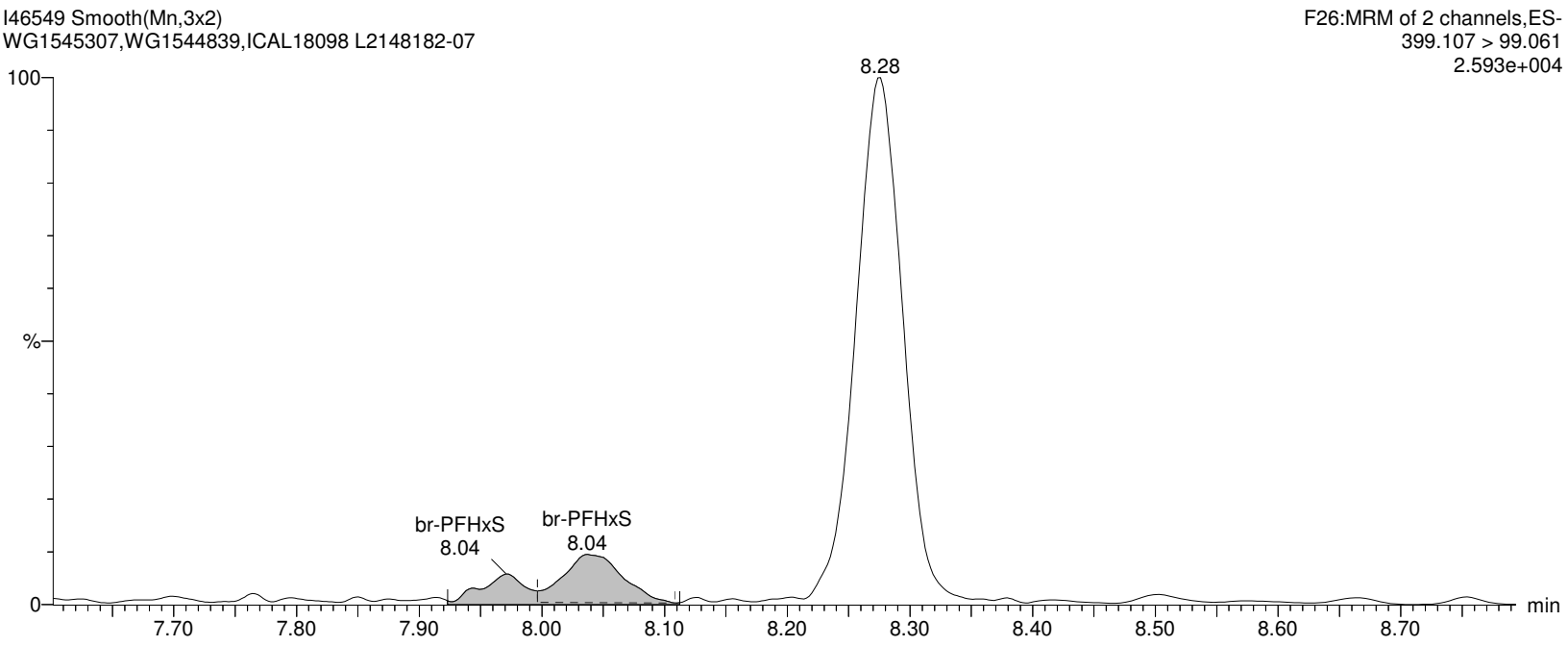
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:11 Eastern Daylight Time

Name: I46549
ID: L2148182-07
Date: 11-Sep-2021
Time: 19:27:56
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFHxS



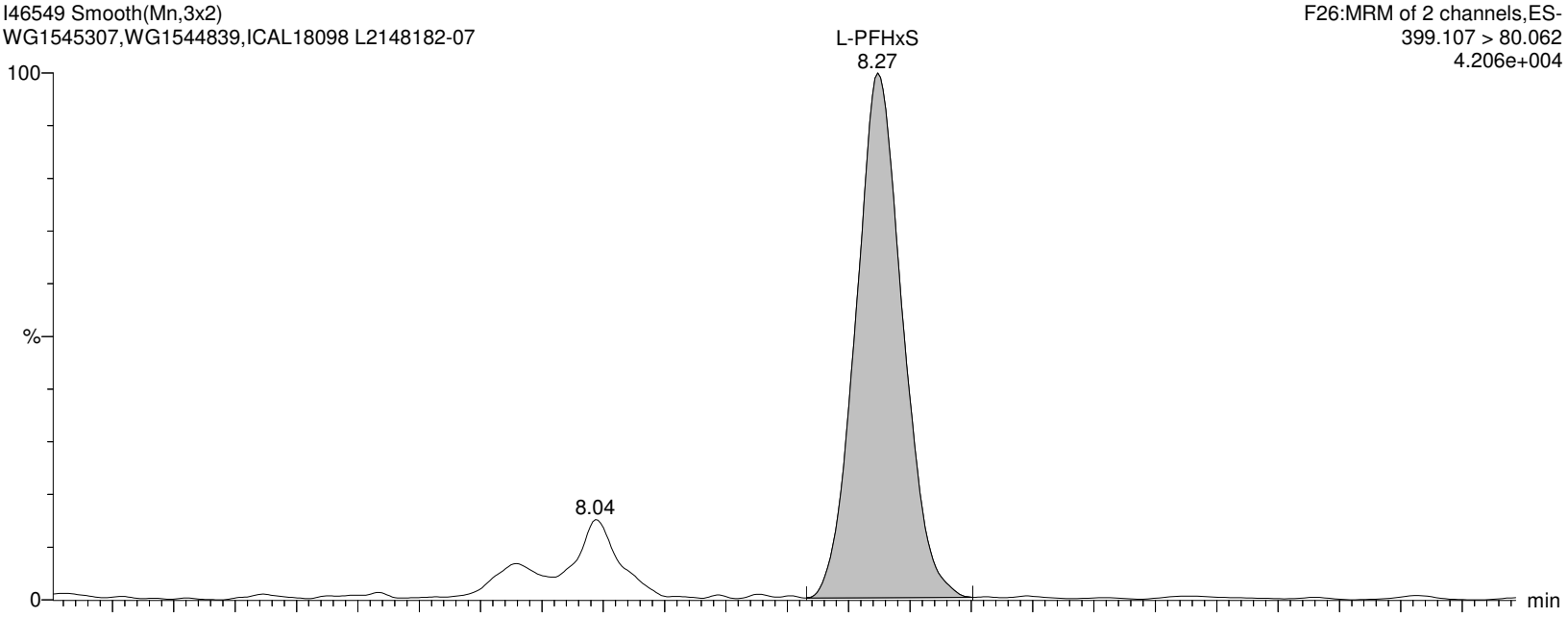


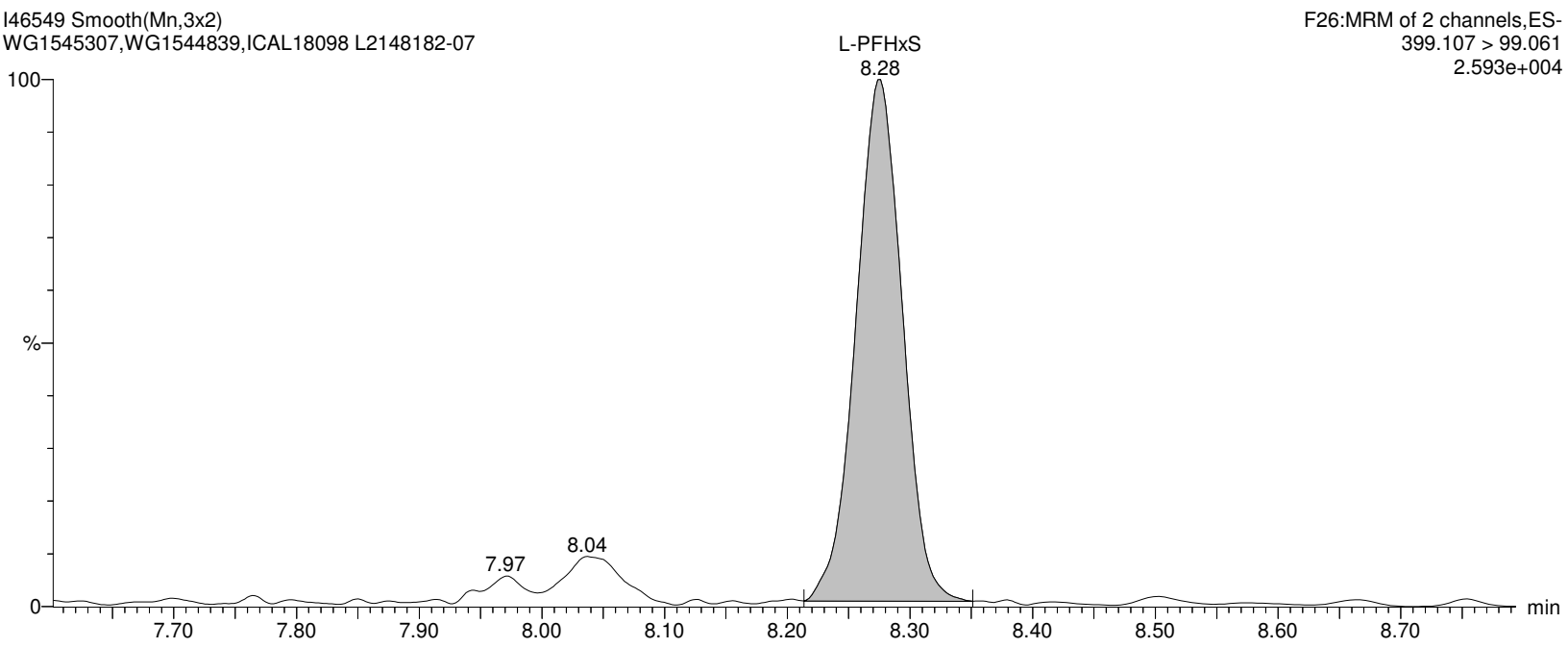
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:11 Eastern Daylight Time

Name: I46549
ID: L2148182-07
Date: 11-Sep-2021
Time: 19:27:56
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFHxS



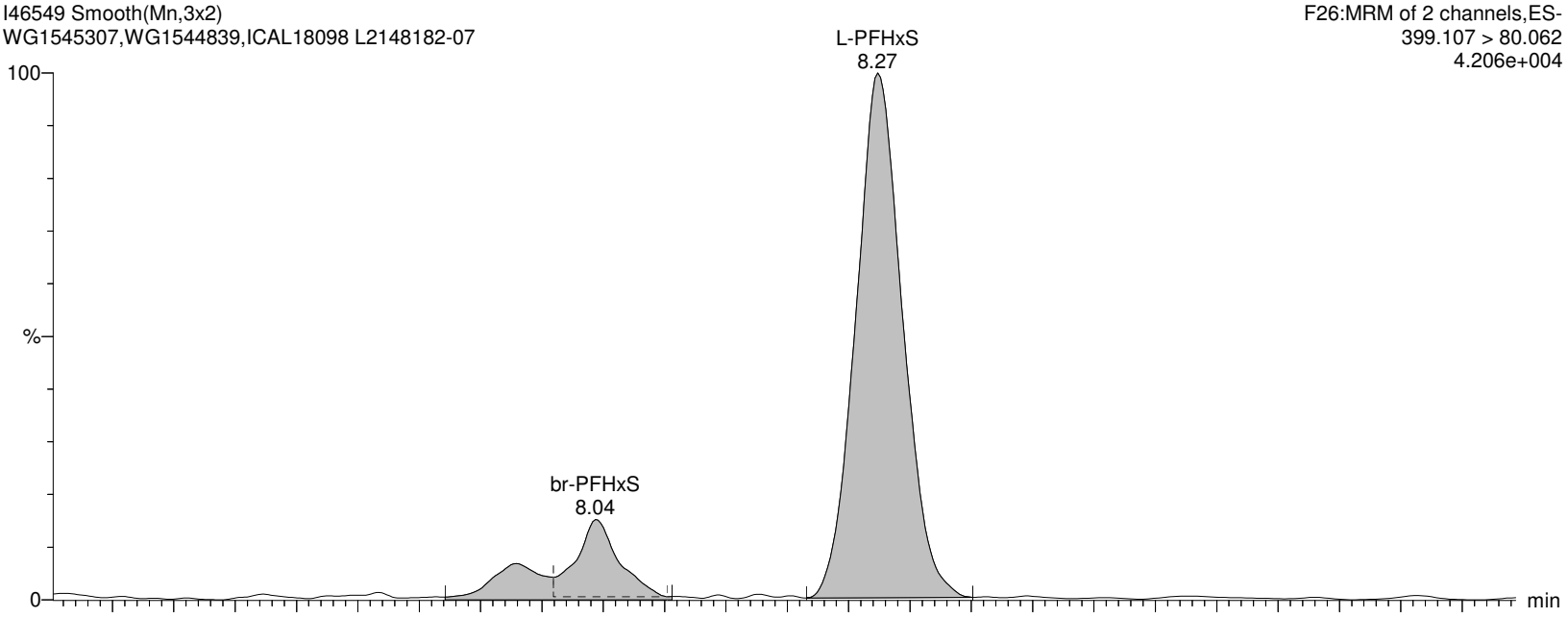


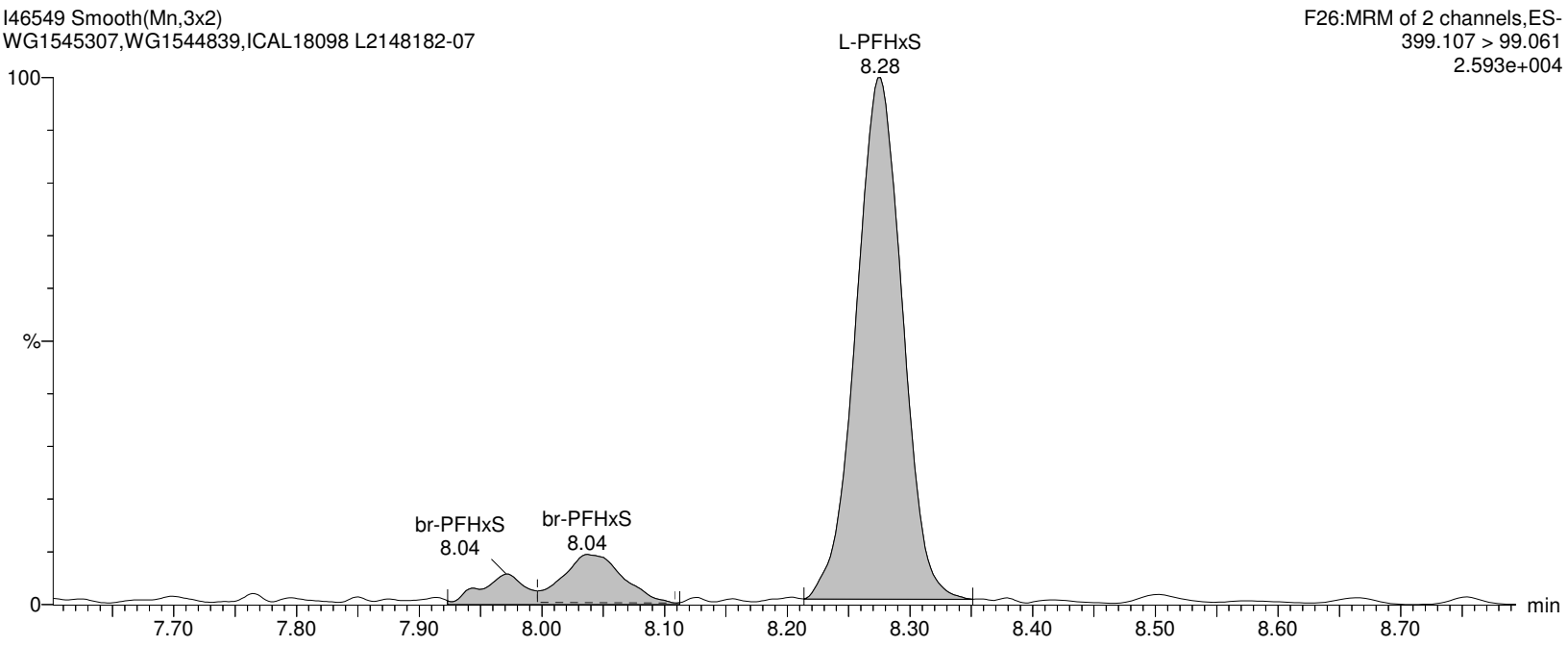
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:11 Eastern Daylight Time

Name: I46549
ID: L2148182-07
Date: 11-Sep-2021
Time: 19:27:56
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxS



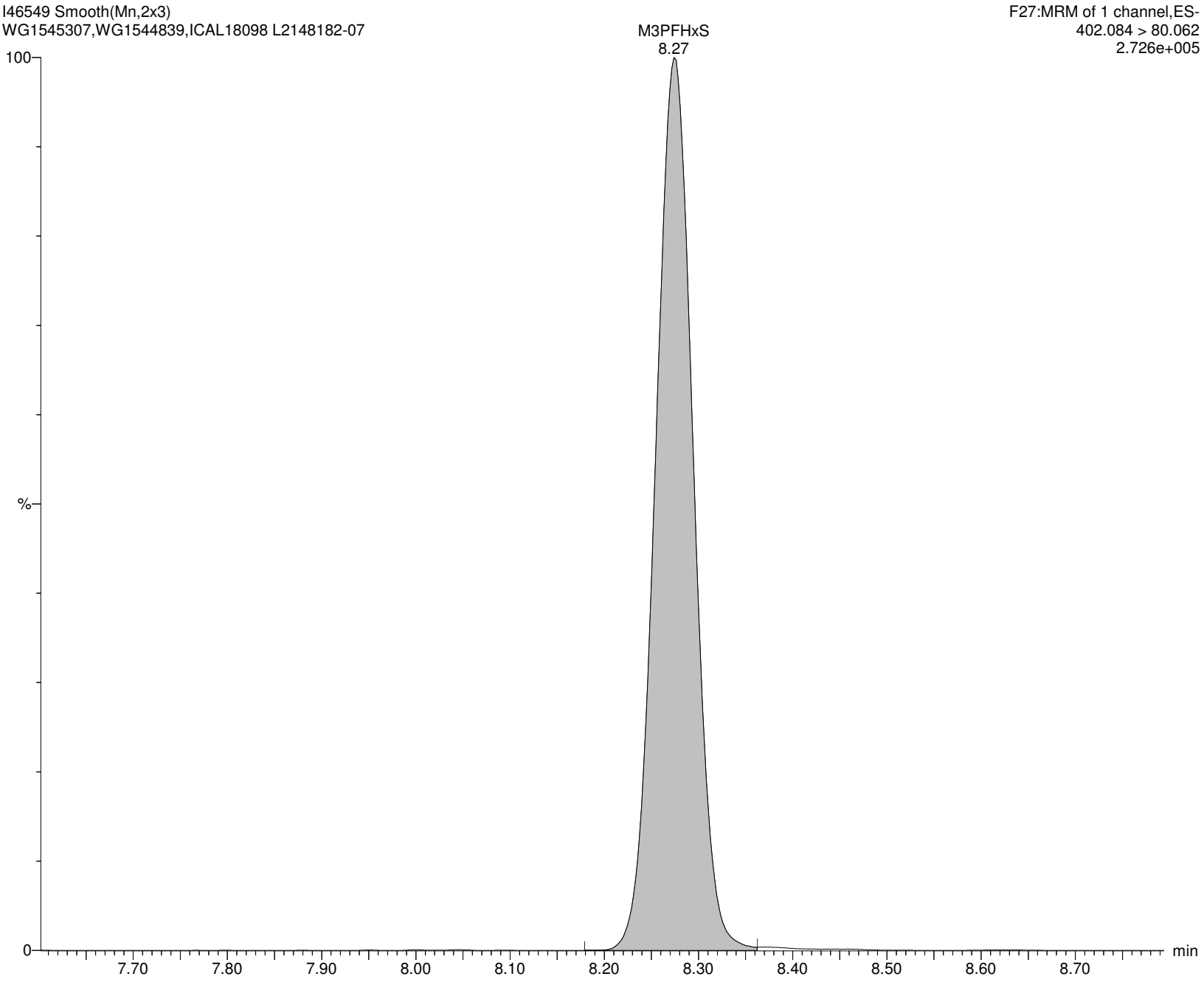


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:11 Eastern Daylight Time

Name: I46549
ID: L2148182-07
Date: 11-Sep-2021
Time: 19:27:56
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFHxS

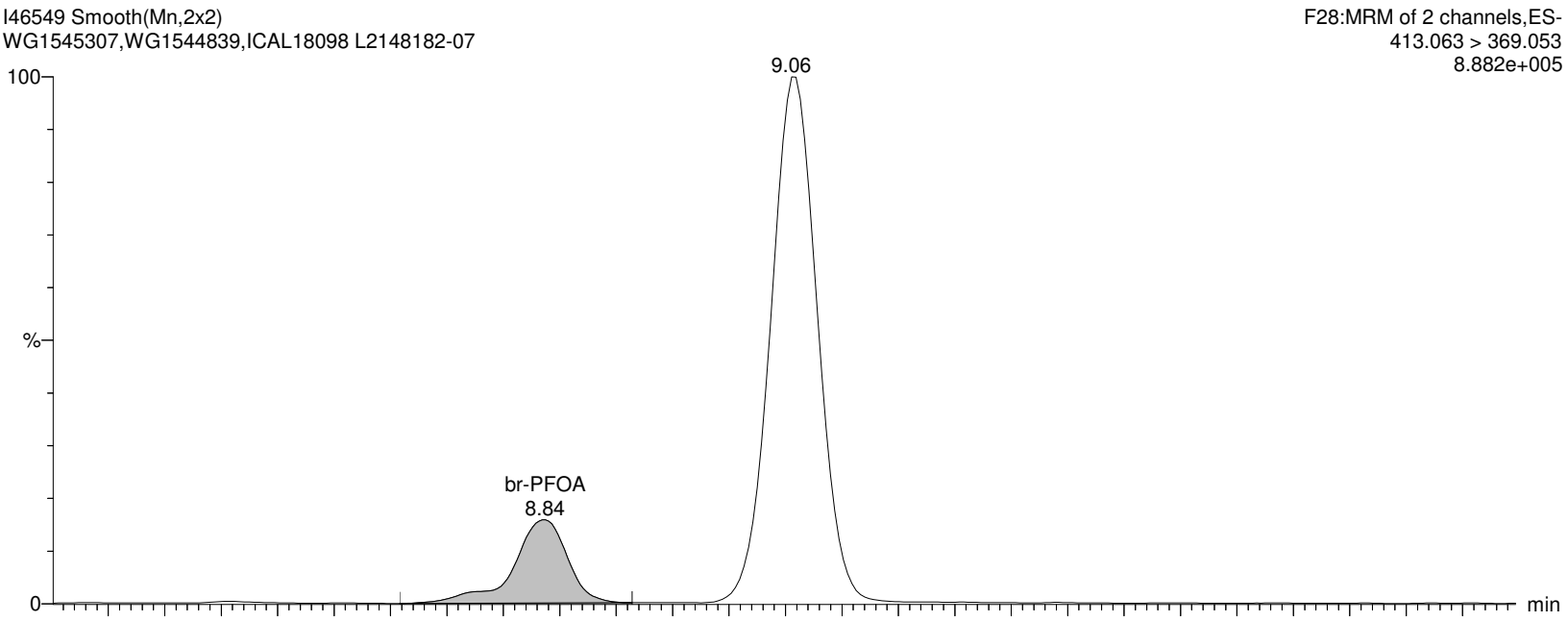


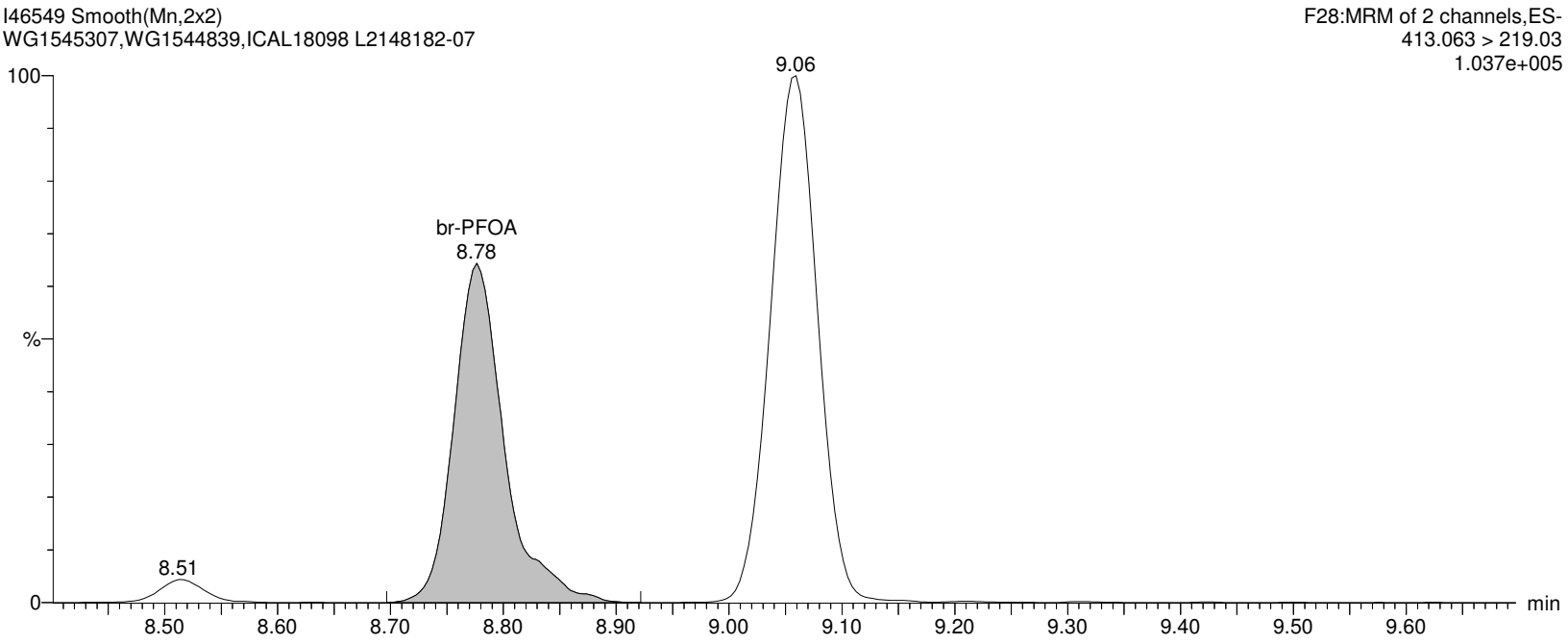
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:11 Eastern Daylight Time

Name: I46549
ID: L2148182-07
Date: 11-Sep-2021
Time: 19:27:56
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOA



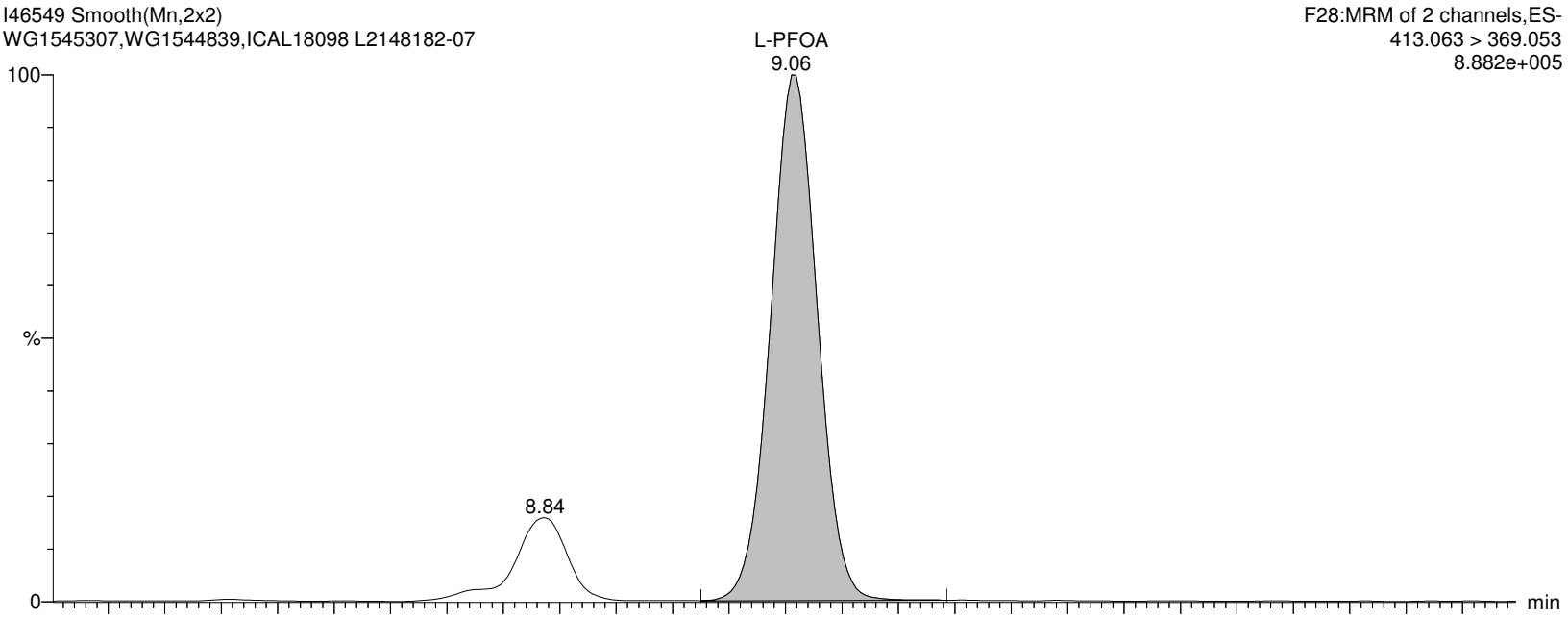


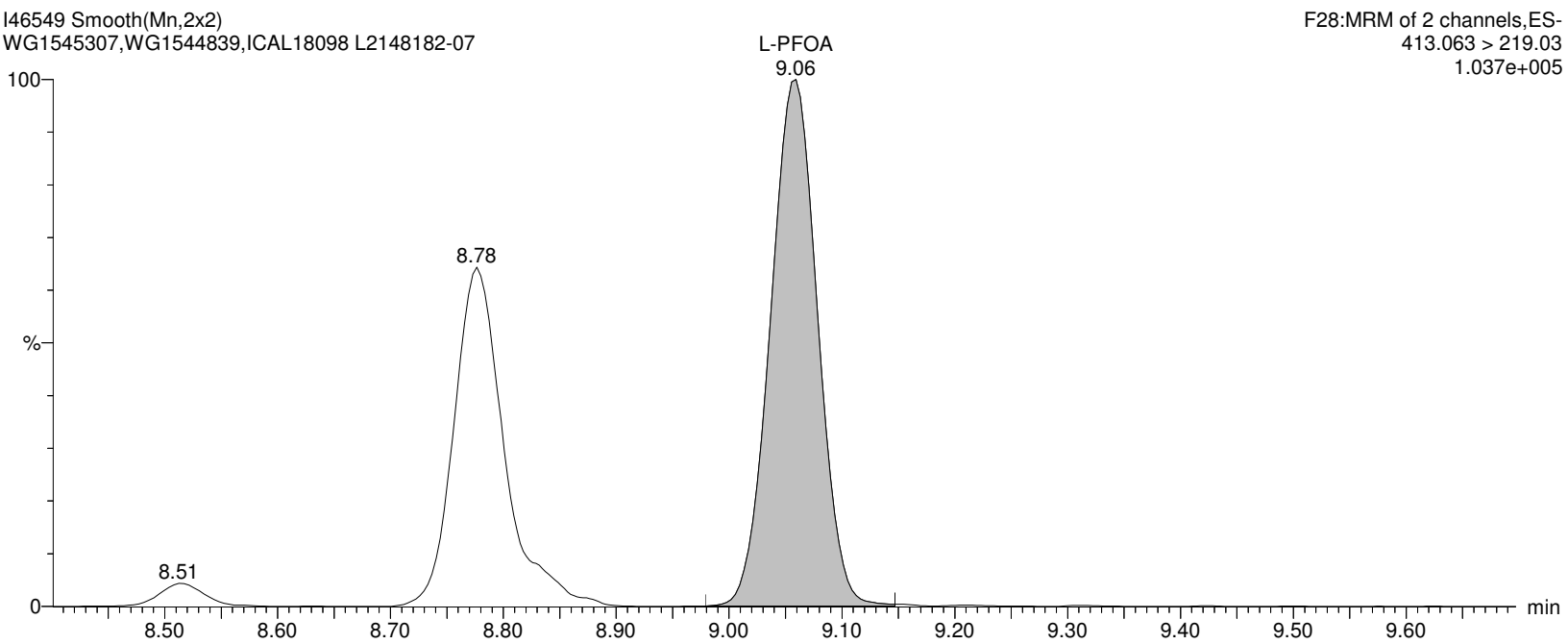
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:11 Eastern Daylight Time

Name: I46549
ID: L2148182-07
Date: 11-Sep-2021
Time: 19:27:56
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOA



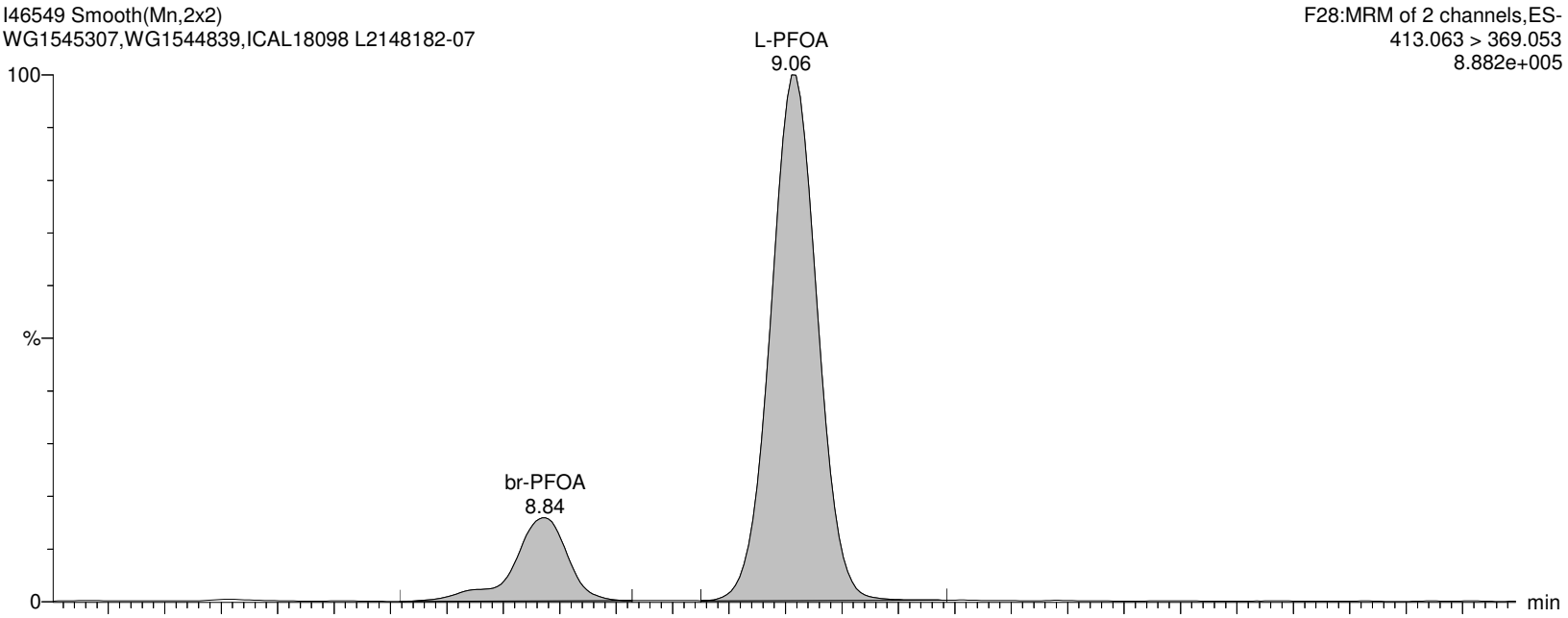


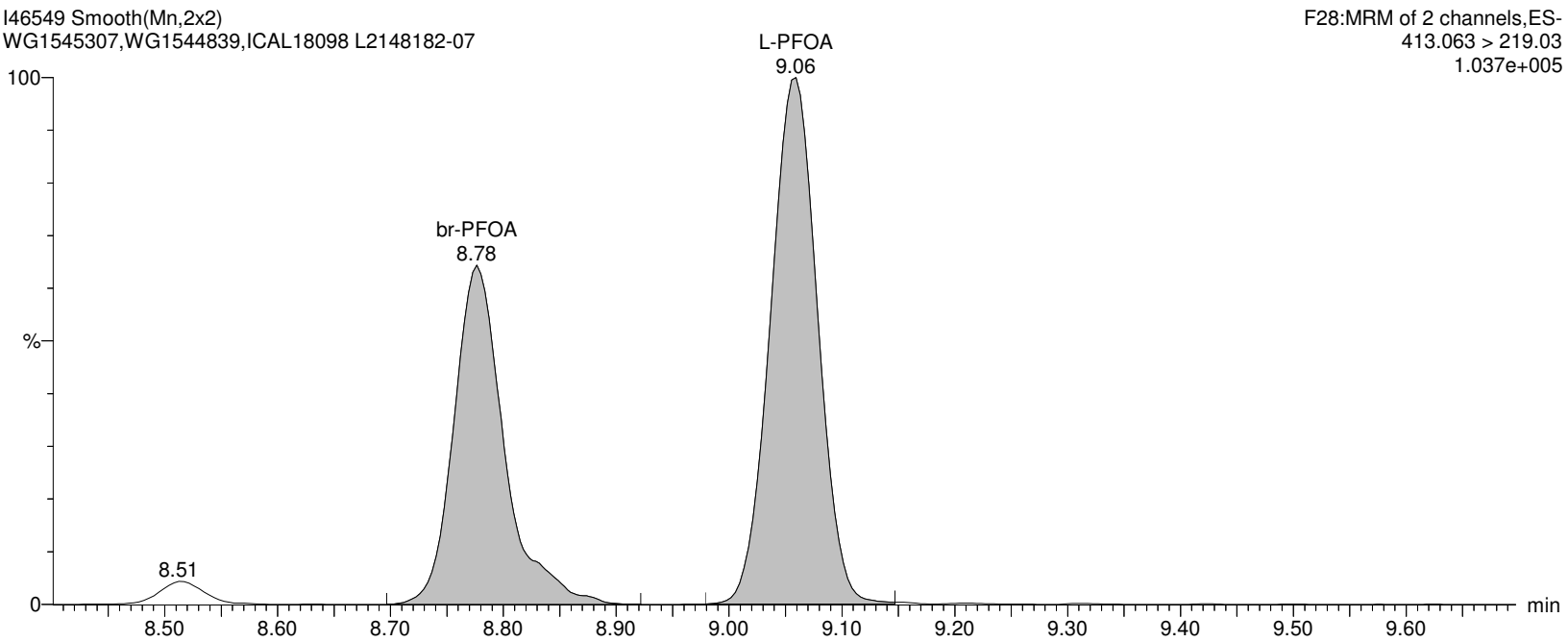
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:11 Eastern Daylight Time

Name: I46549
ID: L2148182-07
Date: 11-Sep-2021
Time: 19:27:56
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOA



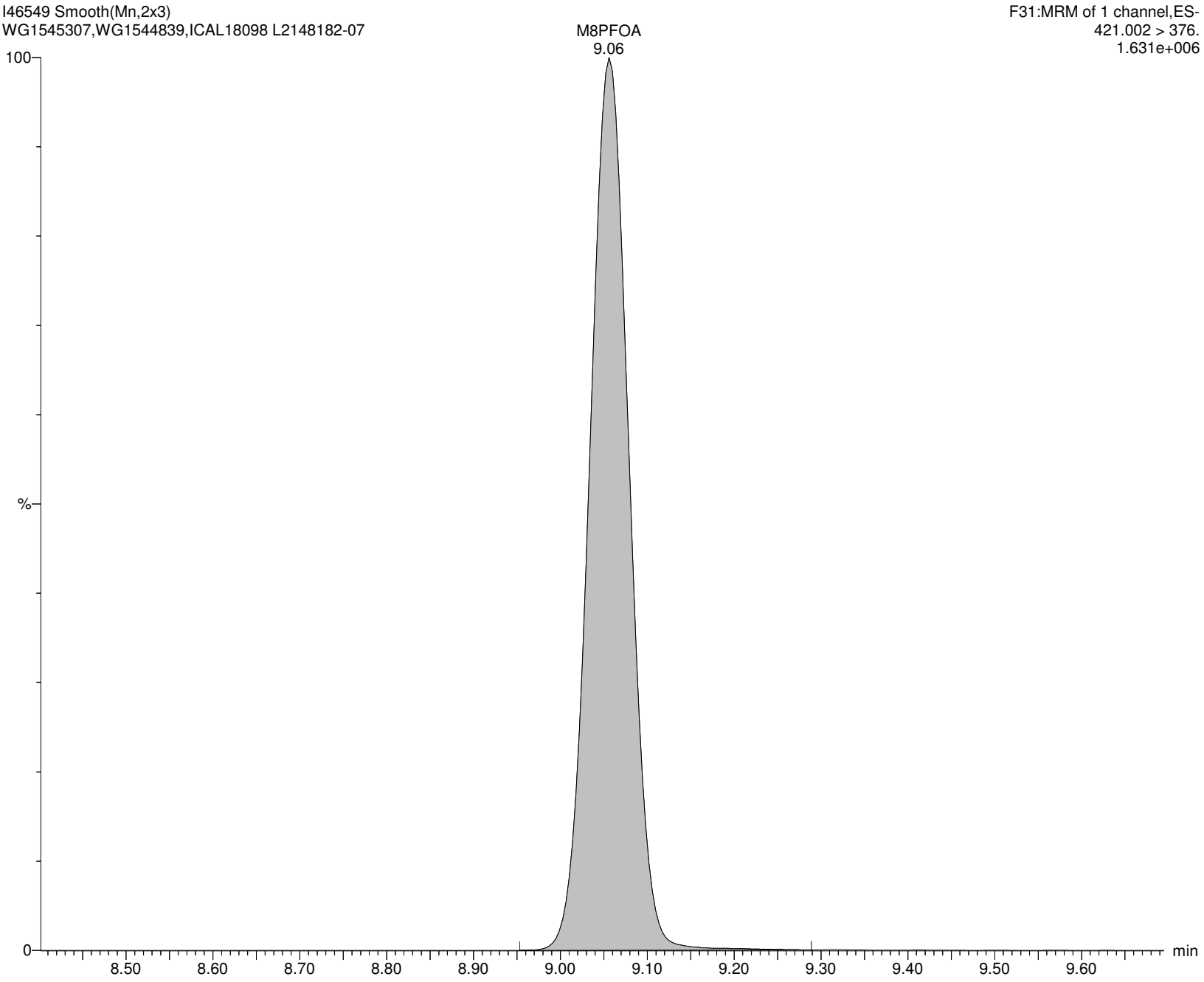


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:11 Eastern Daylight Time

Name: I46549
ID: L2148182-07
Date: 11-Sep-2021
Time: 19:27:56
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOA

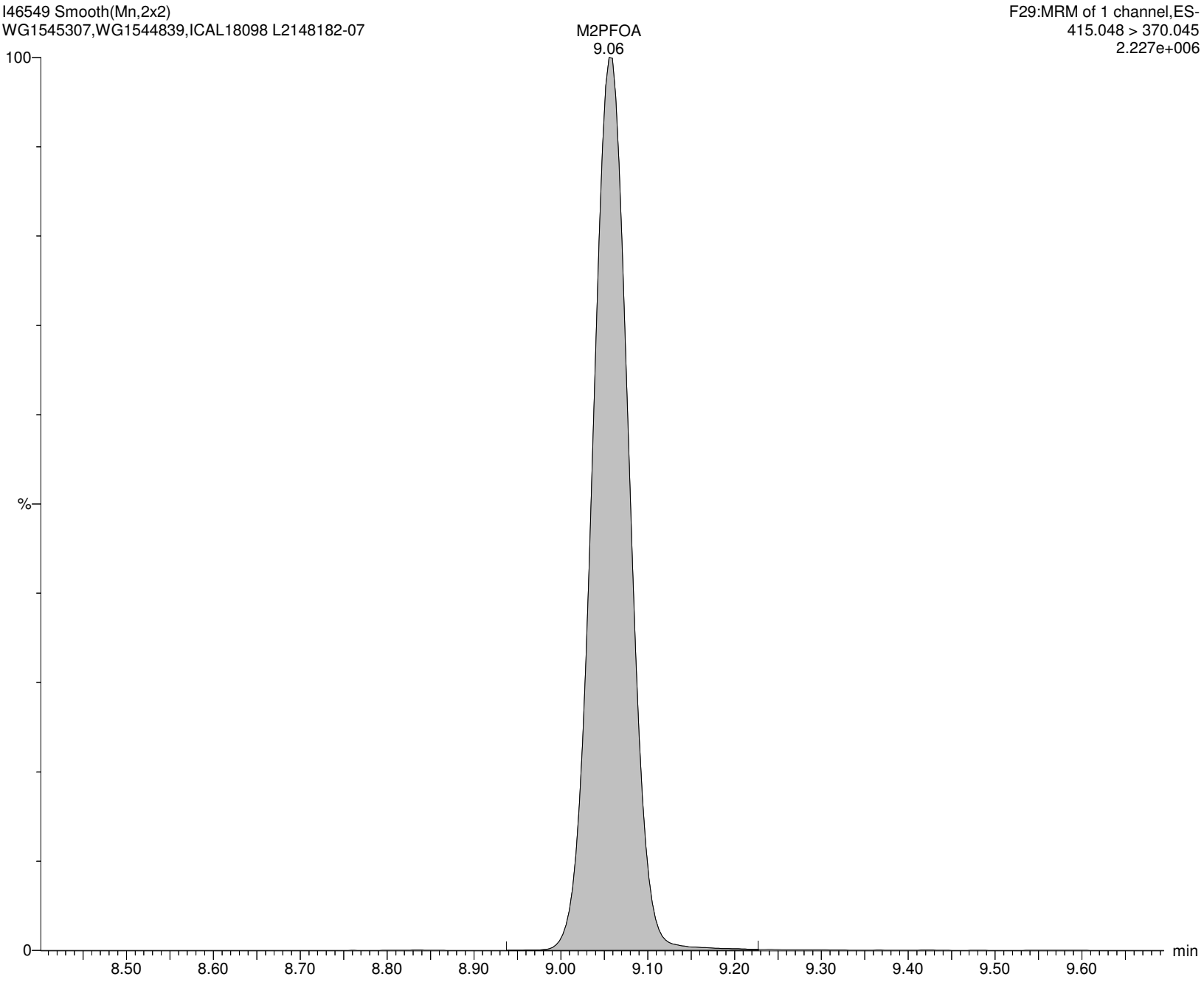


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:11 Eastern Daylight Time

Name: I46549
ID: L2148182-07
Date: 11-Sep-2021
Time: 19:27:56
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFOA

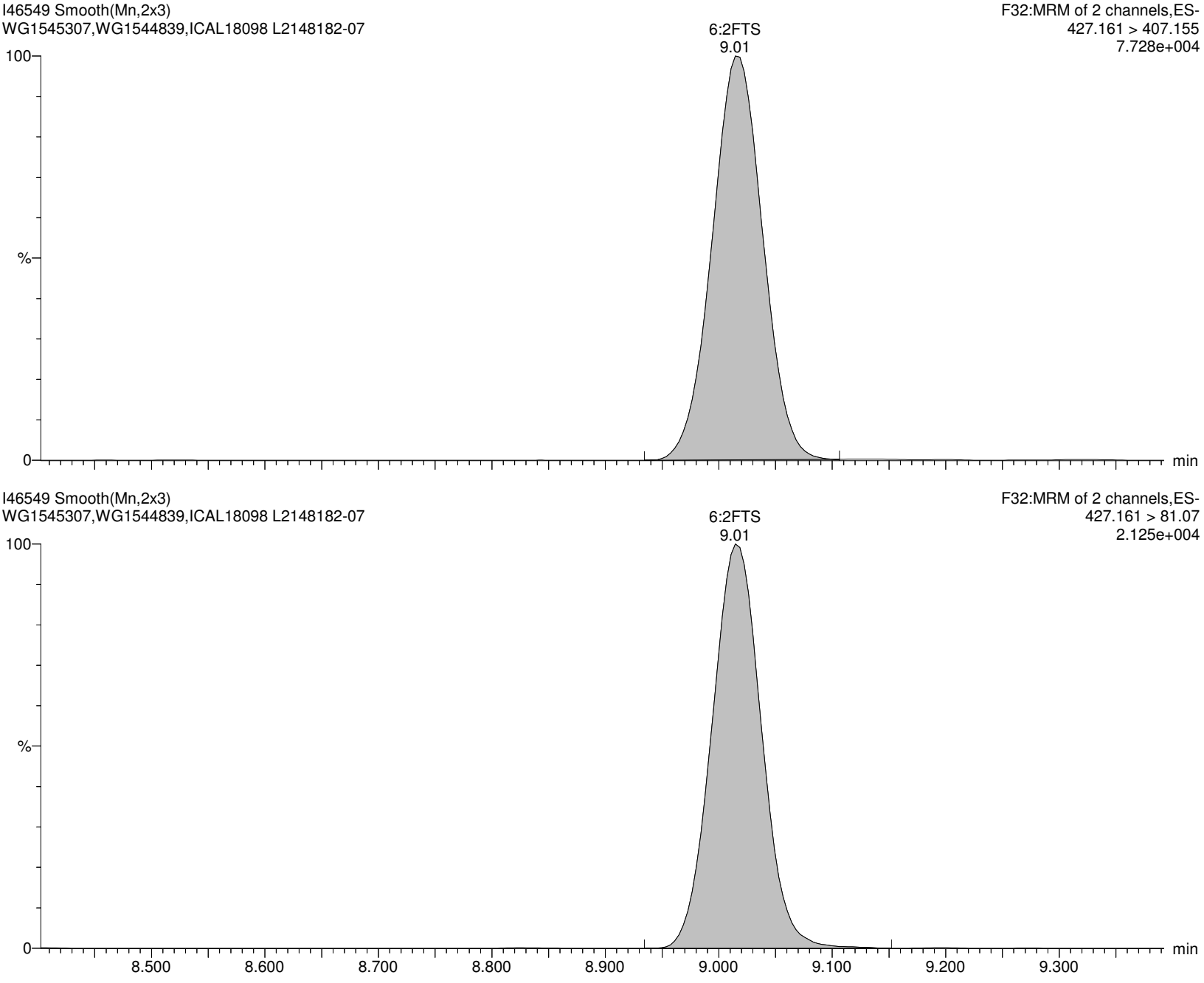


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:11 Eastern Daylight Time

Name: I46549
ID: L2148182-07
Date: 11-Sep-2021
Time: 19:27:56
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

6:2FTS

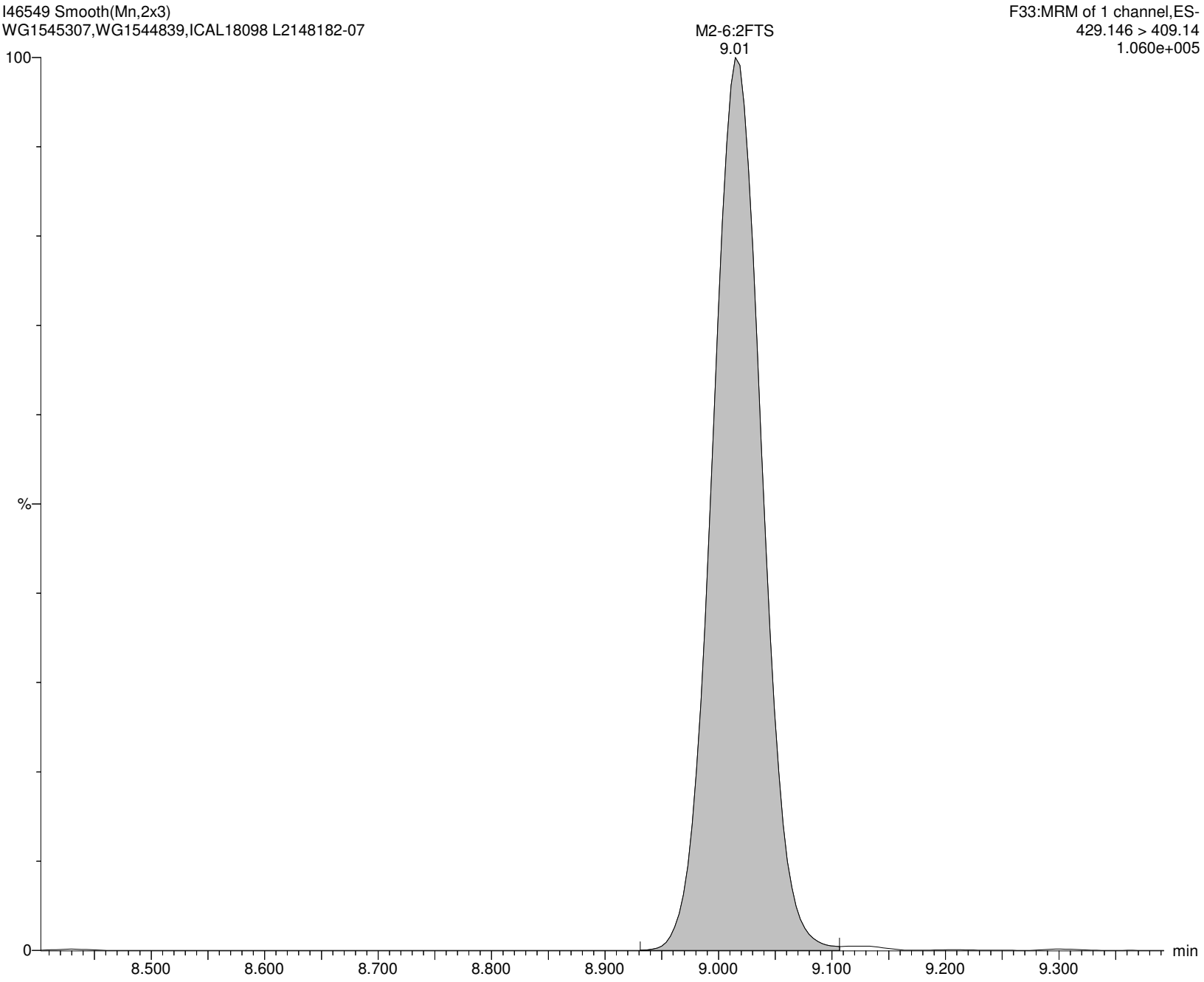


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:11 Eastern Daylight Time

Name: I46549
ID: L2148182-07
Date: 11-Sep-2021
Time: 19:27:56
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-6:2FTS

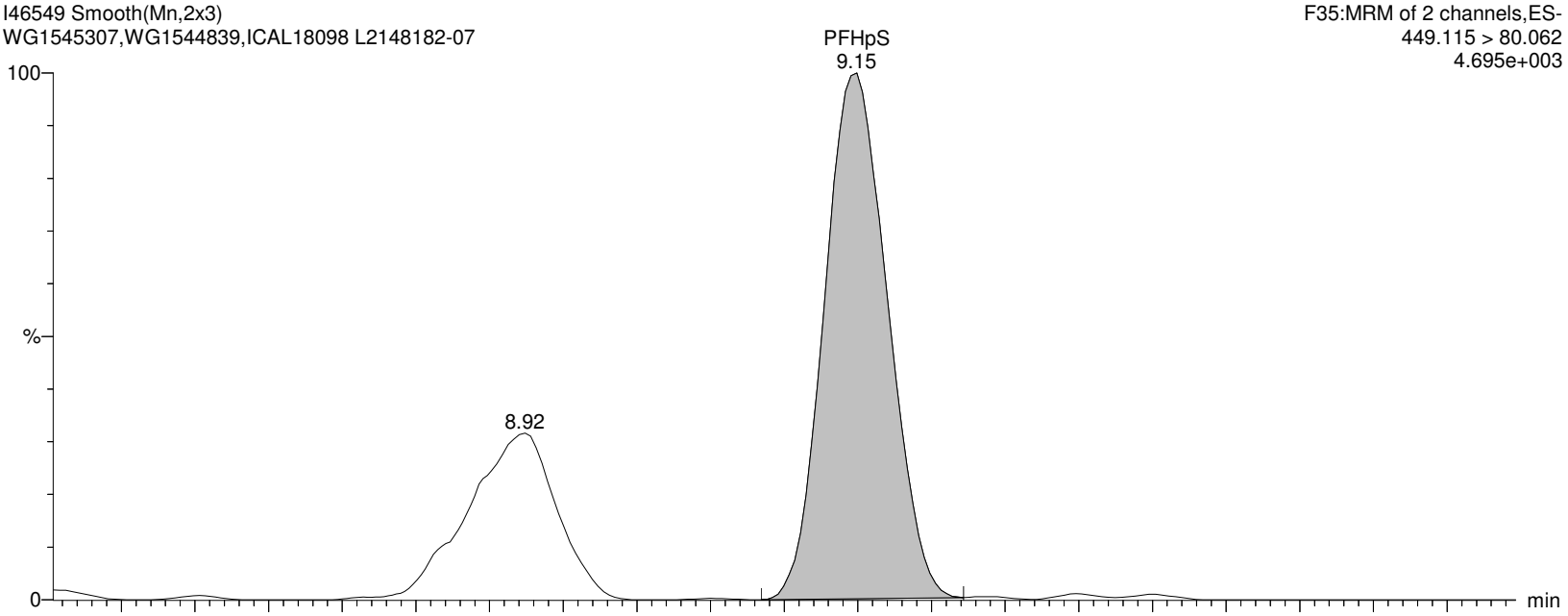


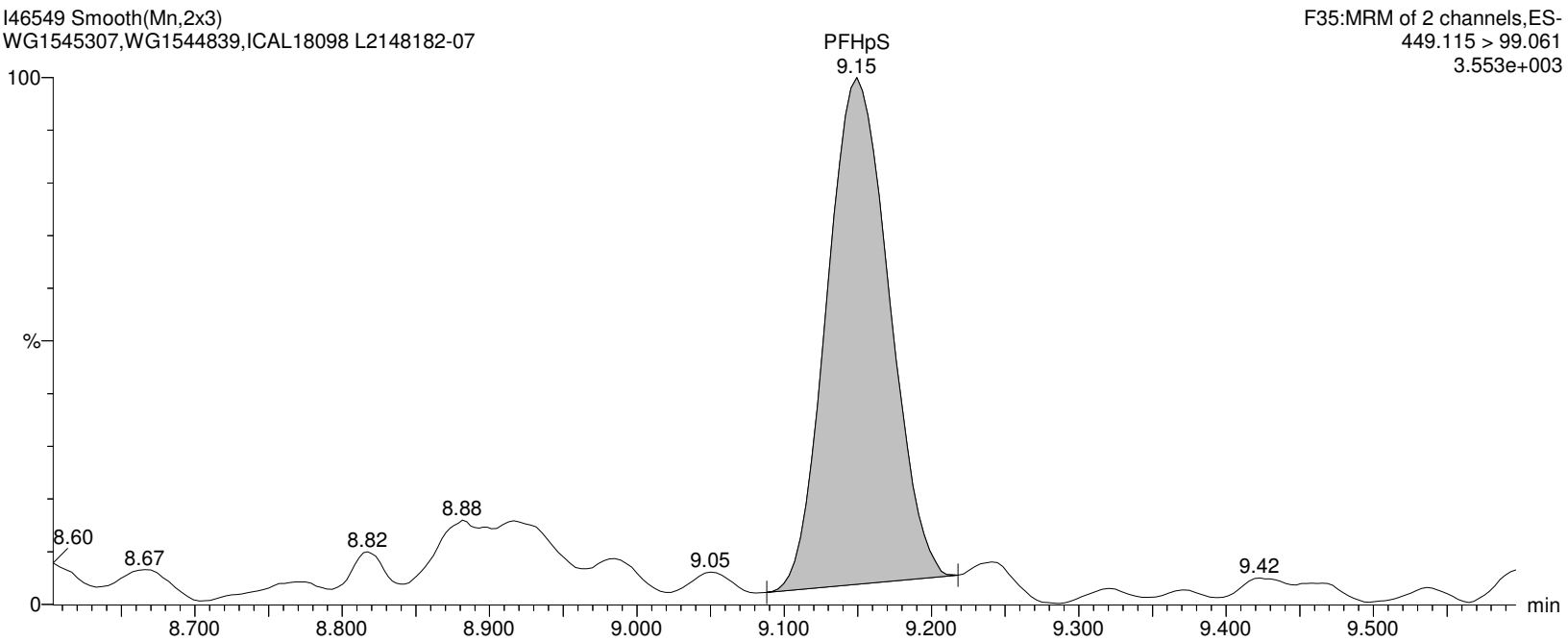
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:11 Eastern Daylight Time

Name: I46549
ID: L2148182-07
Date: 11-Sep-2021
Time: 19:27:56
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpS



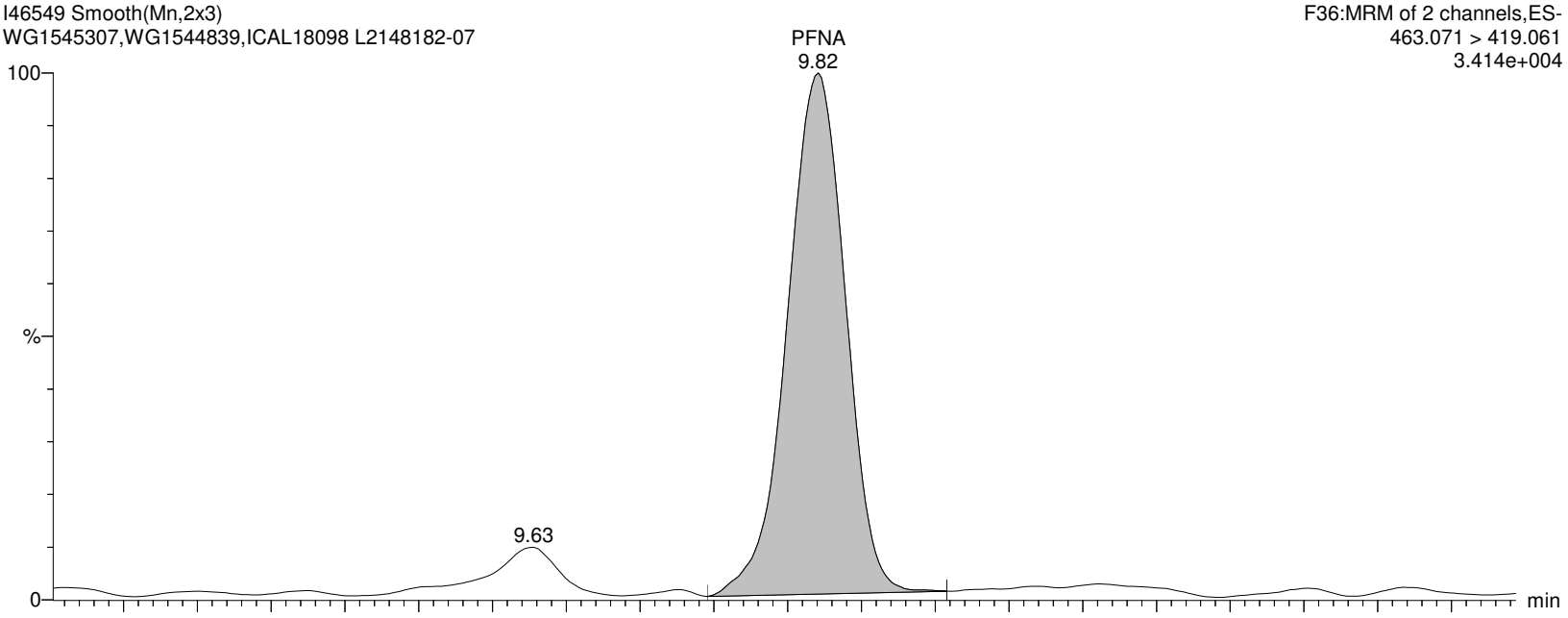


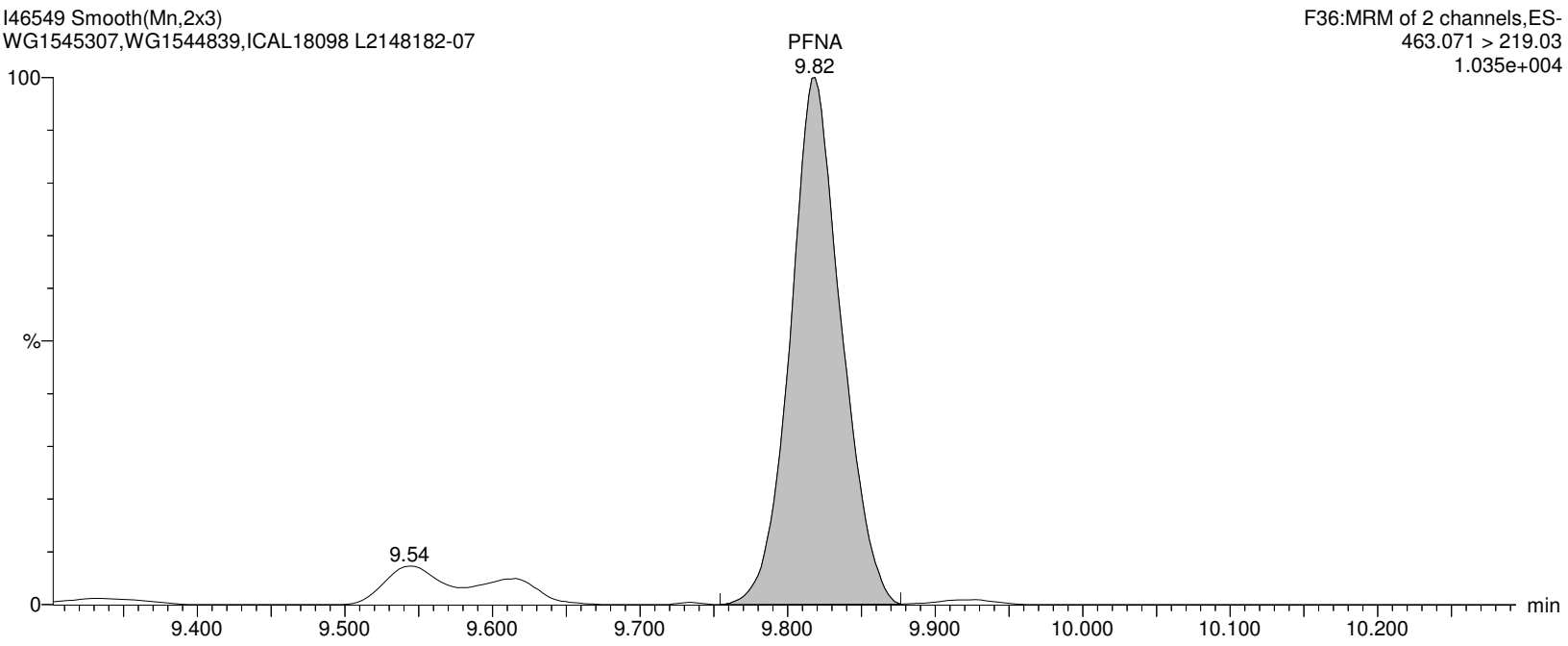
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:11 Eastern Daylight Time

Name: I46549
ID: L2148182-07
Date: 11-Sep-2021
Time: 19:27:56
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNA



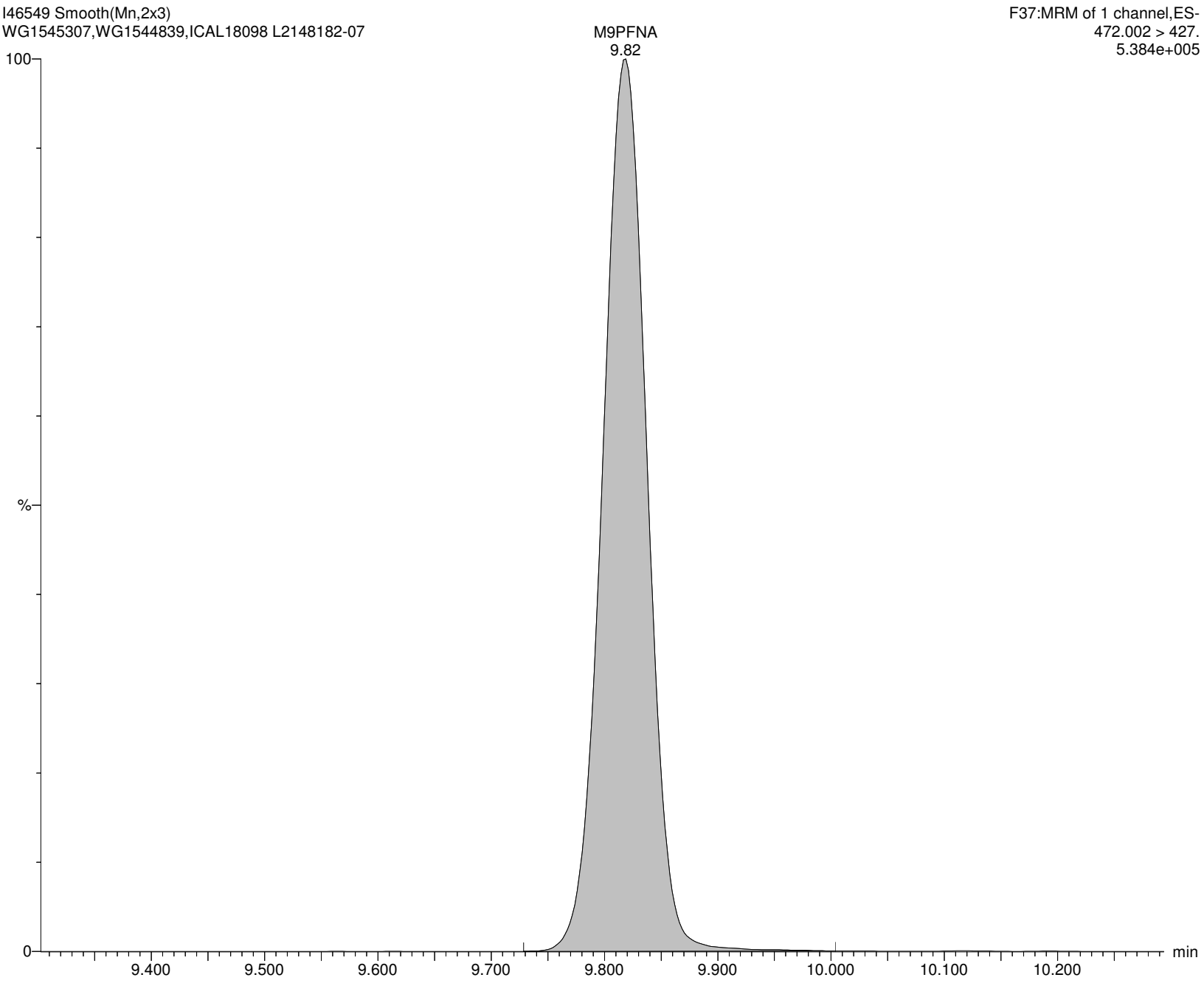


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:11 Eastern Daylight Time

Name: I46549
ID: L2148182-07
Date: 11-Sep-2021
Time: 19:27:56
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M9PFNA

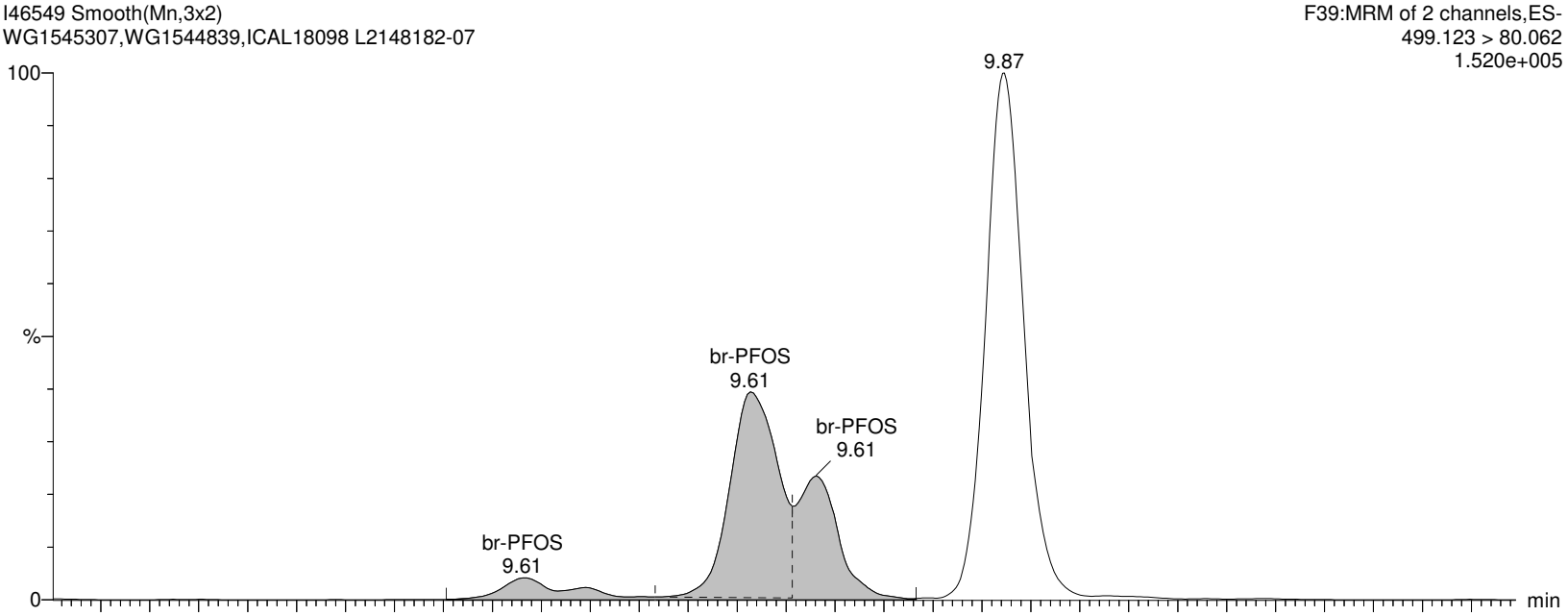


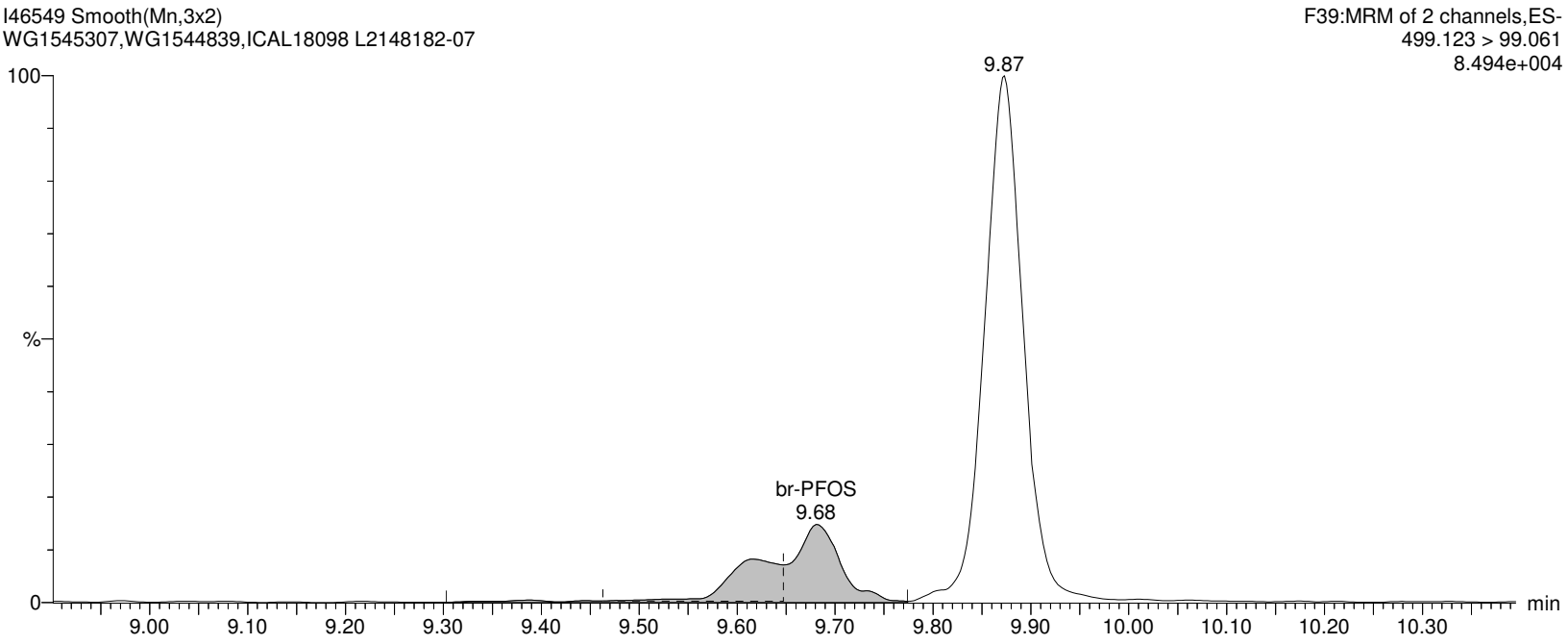
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:11 Eastern Daylight Time

Name: I46549
ID: L2148182-07
Date: 11-Sep-2021
Time: 19:27:56
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOS



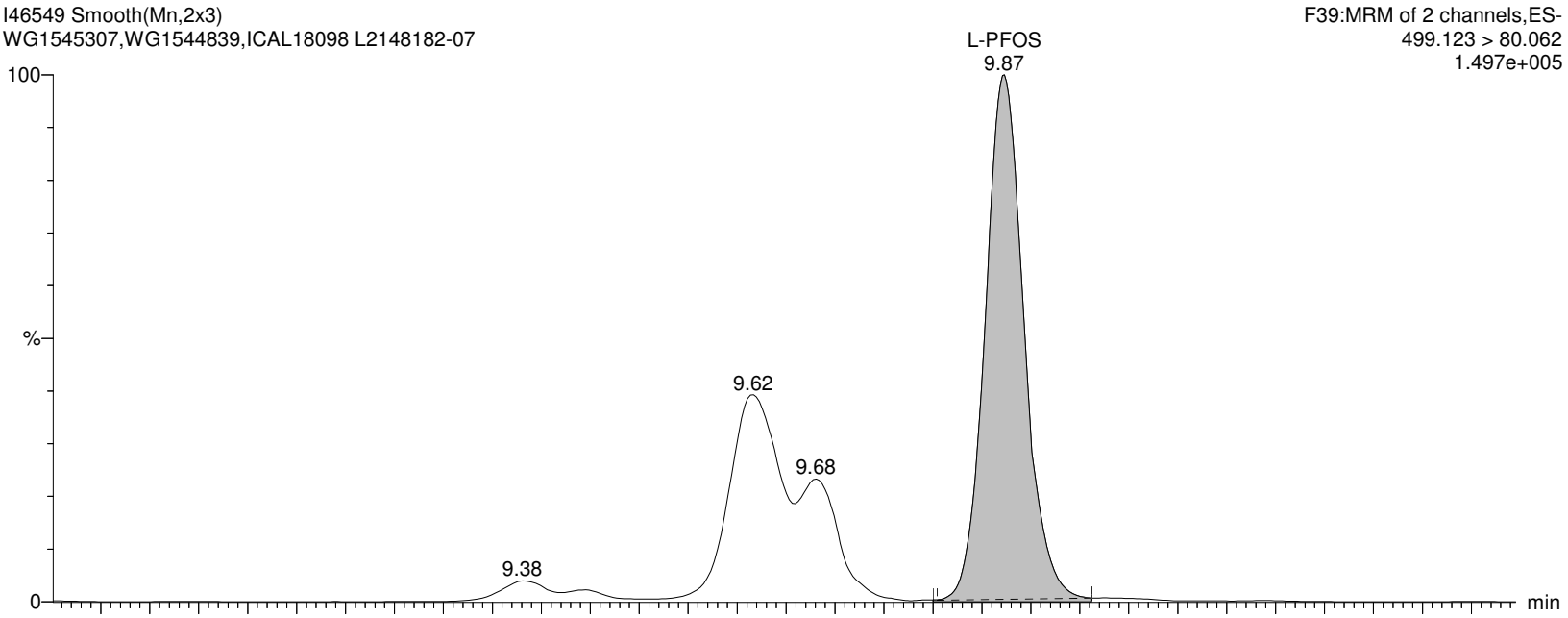


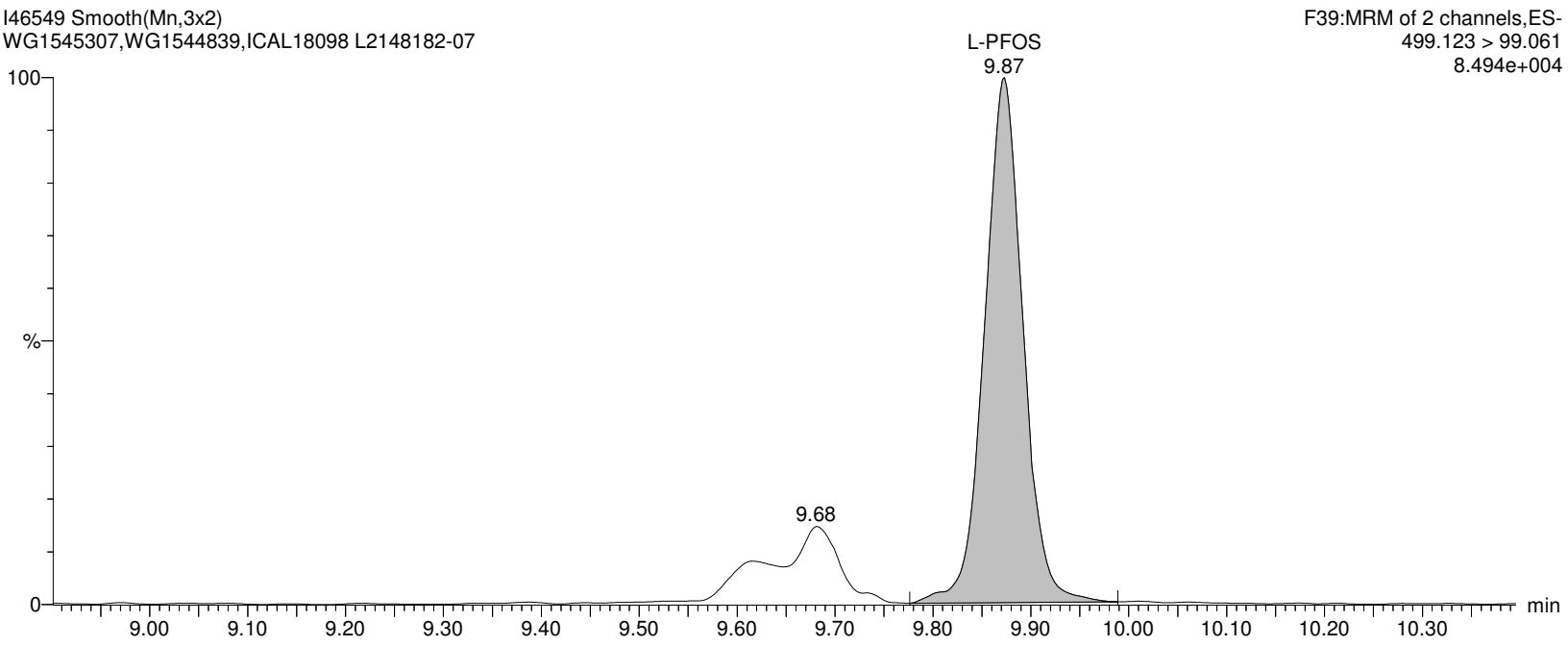
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:11 Eastern Daylight Time

Name: I46549
ID: L2148182-07
Date: 11-Sep-2021
Time: 19:27:56
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOS



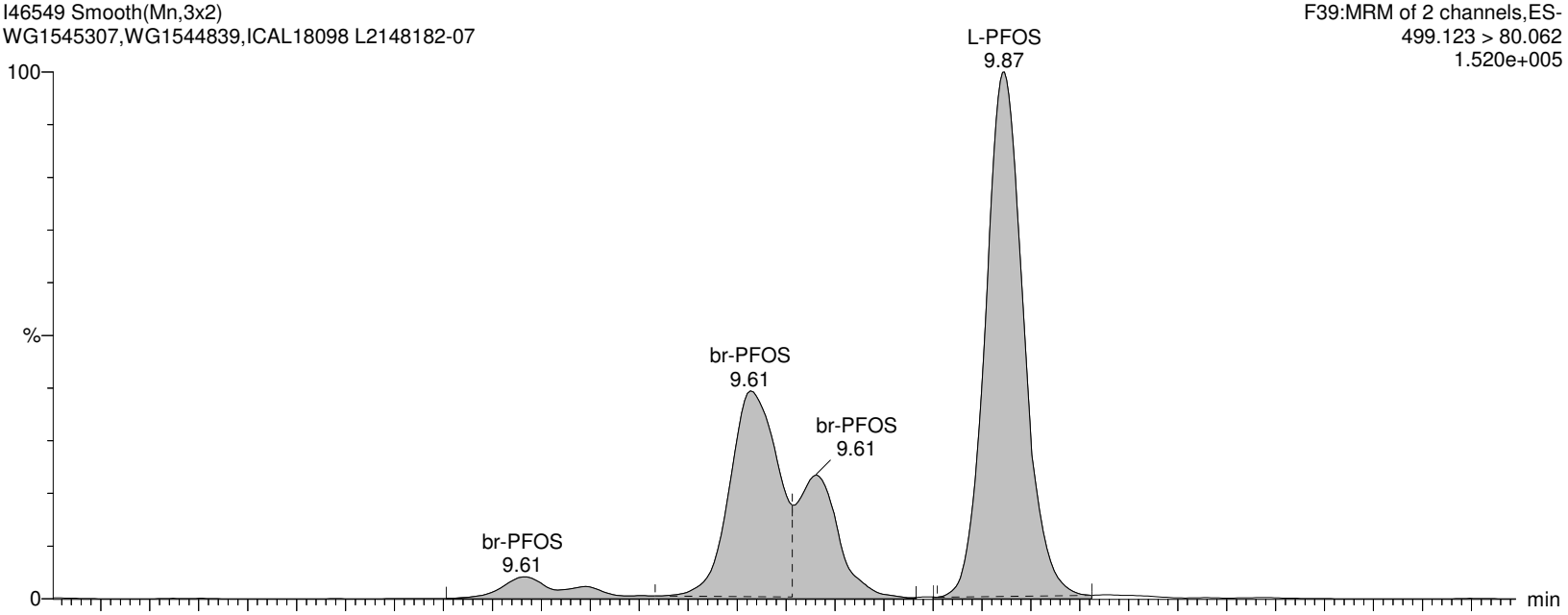


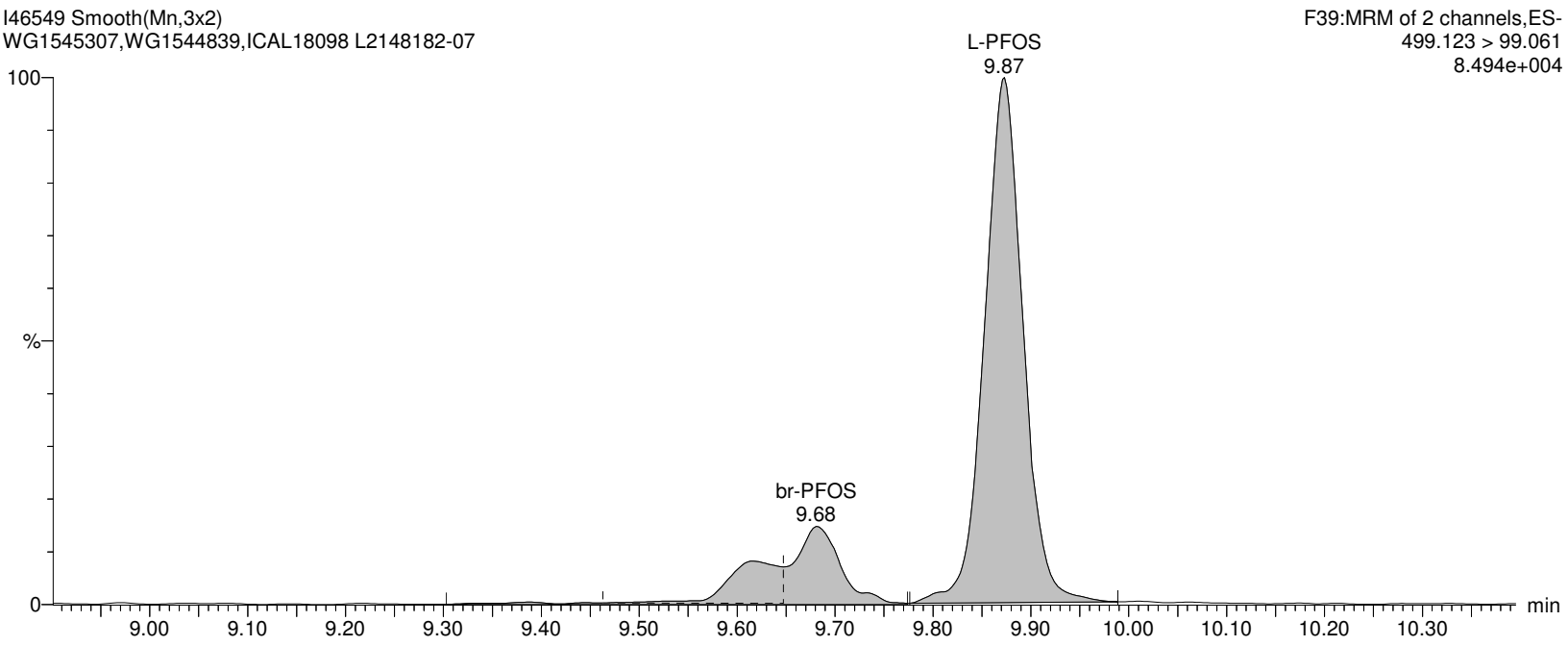
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:11 Eastern Daylight Time

Name: I46549
ID: L2148182-07
Date: 11-Sep-2021
Time: 19:27:56
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOS



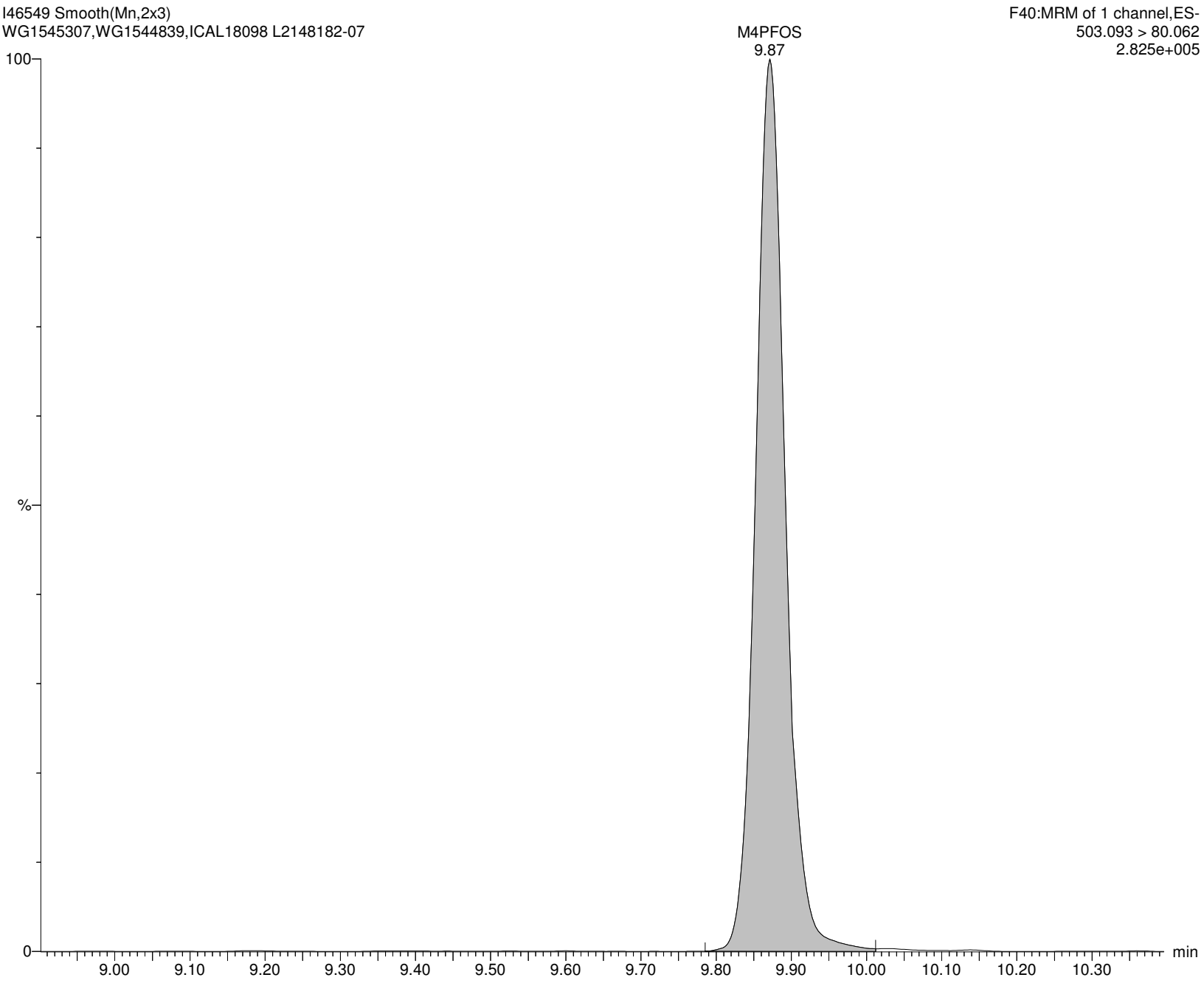


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:11 Eastern Daylight Time

Name: I46549
ID: L2148182-07
Date: 11-Sep-2021
Time: 19:27:56
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOS

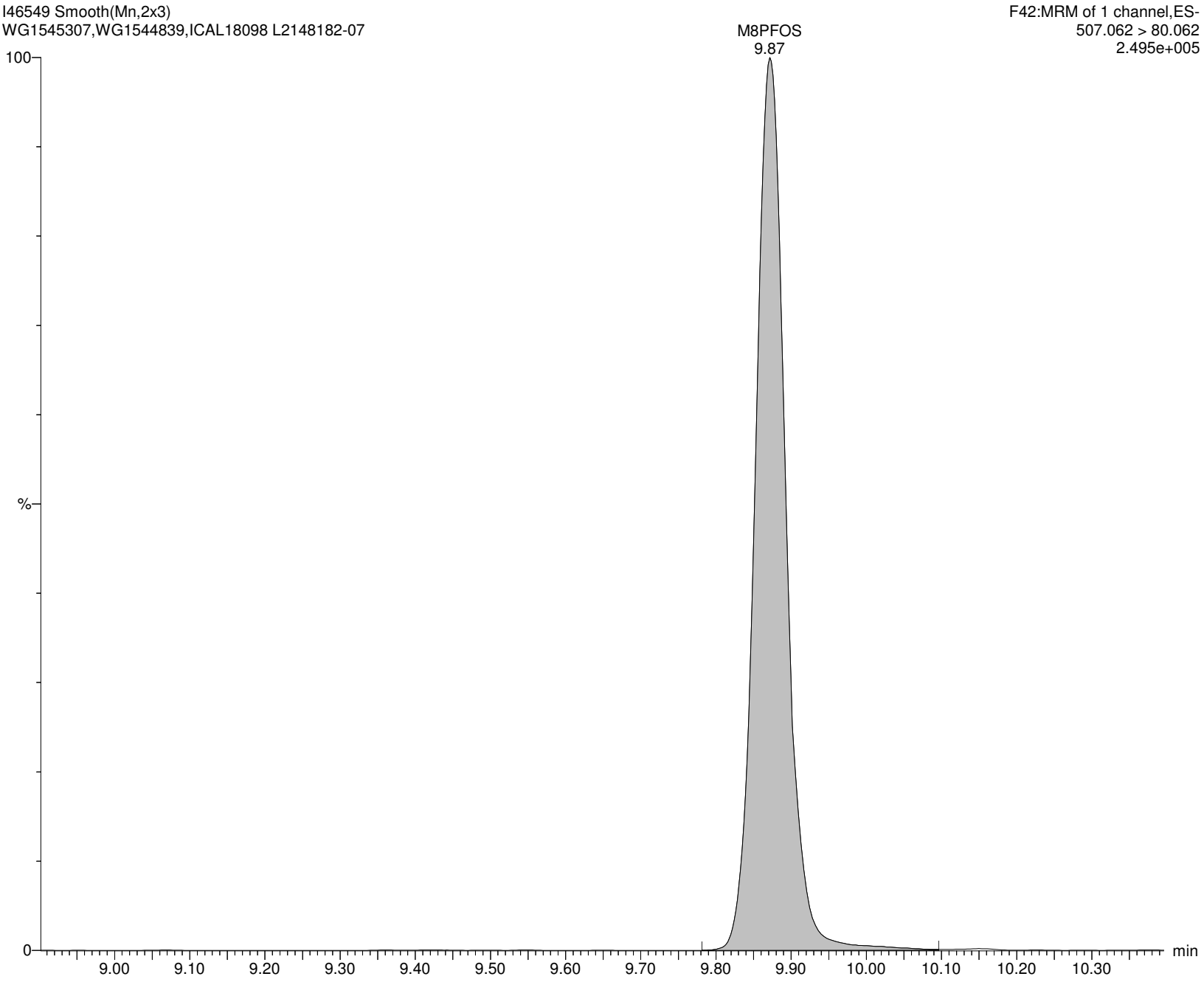


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:11 Eastern Daylight Time

Name: I46549
ID: L2148182-07
Date: 11-Sep-2021
Time: 19:27:56
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOS

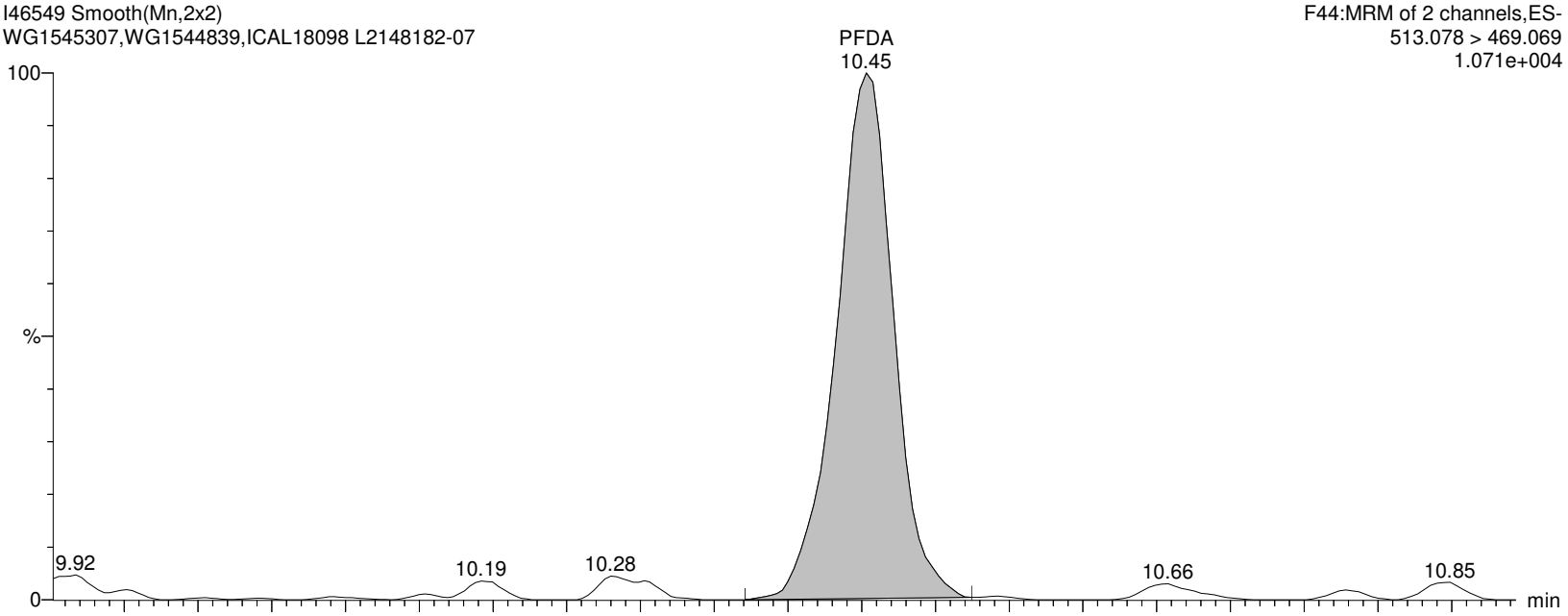


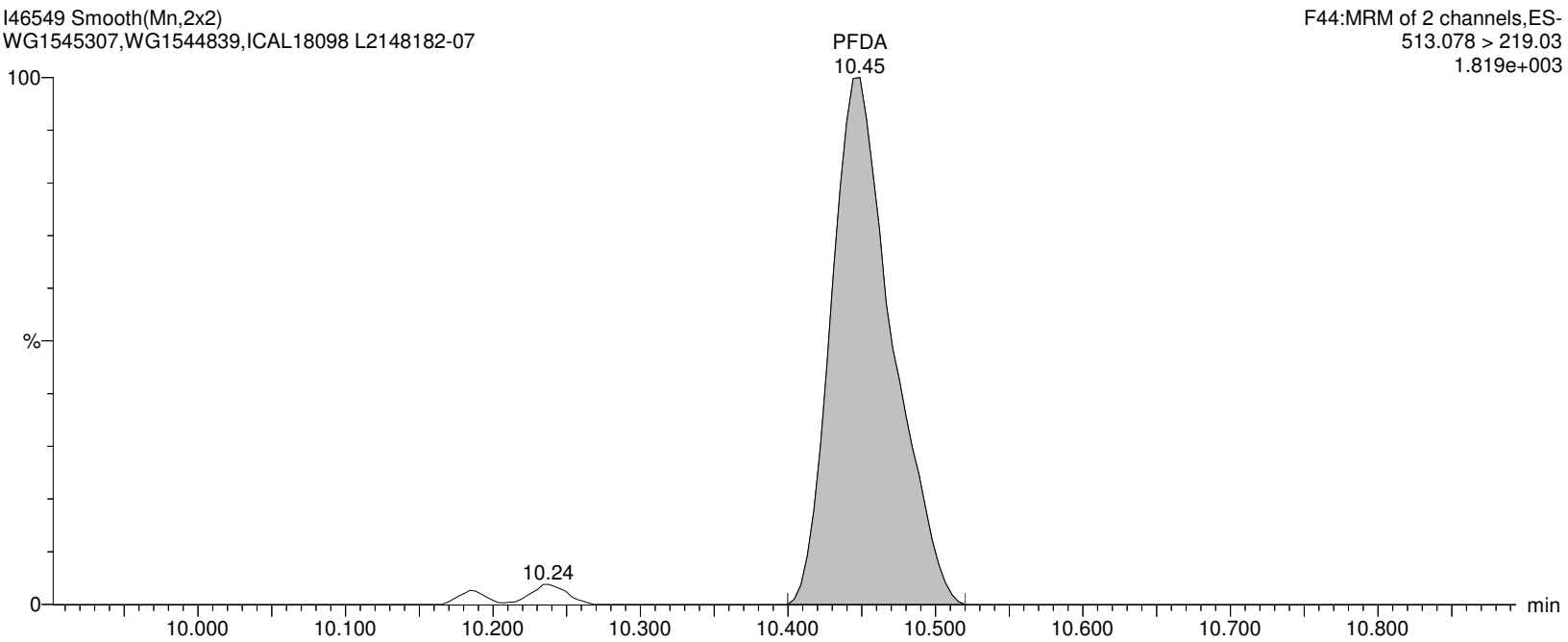
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:11 Eastern Daylight Time

Name: I46549
ID: L2148182-07
Date: 11-Sep-2021
Time: 19:27:56
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDA



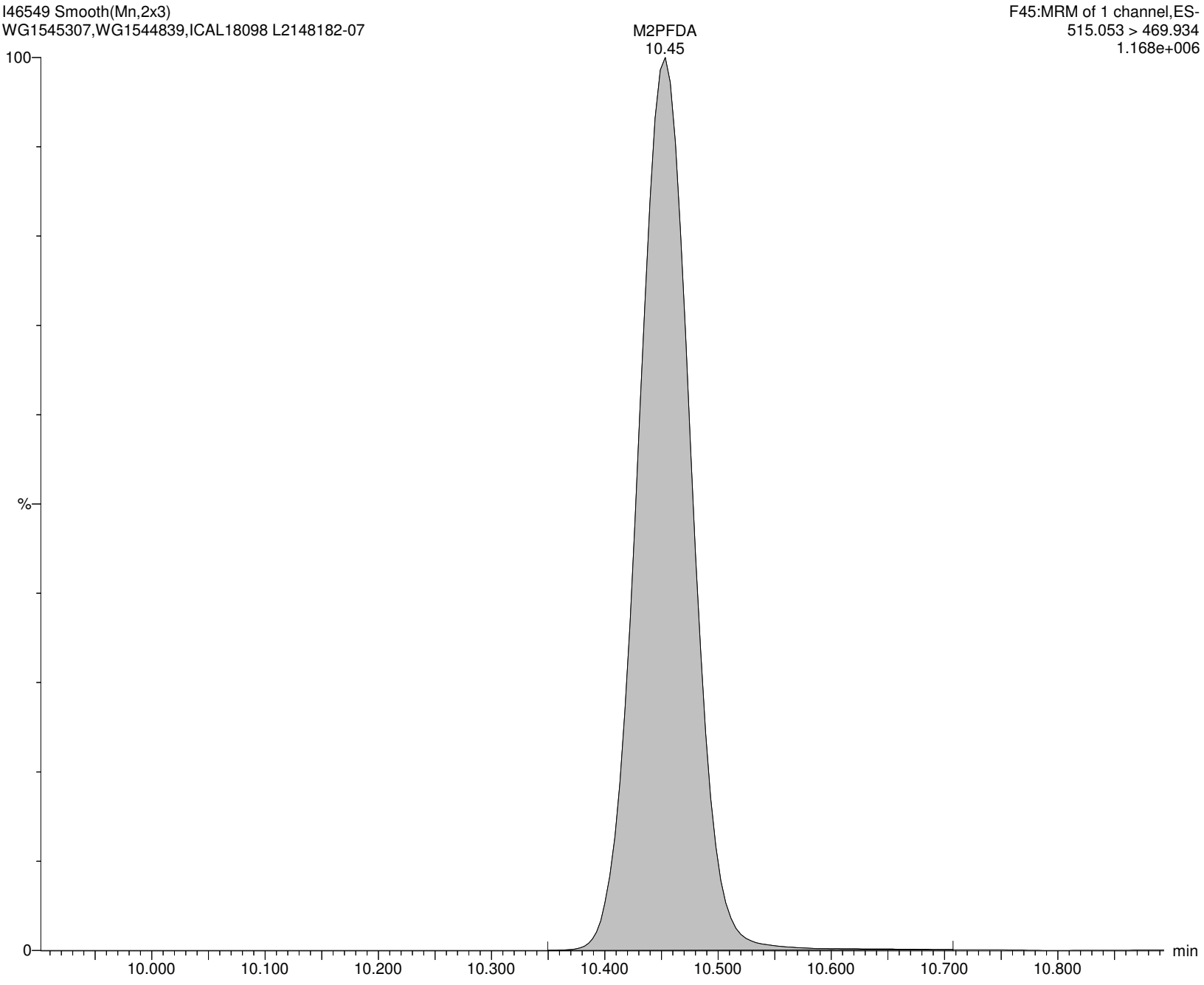


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:11 Eastern Daylight Time

Name: I46549
ID: L2148182-07
Date: 11-Sep-2021
Time: 19:27:56
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFDA

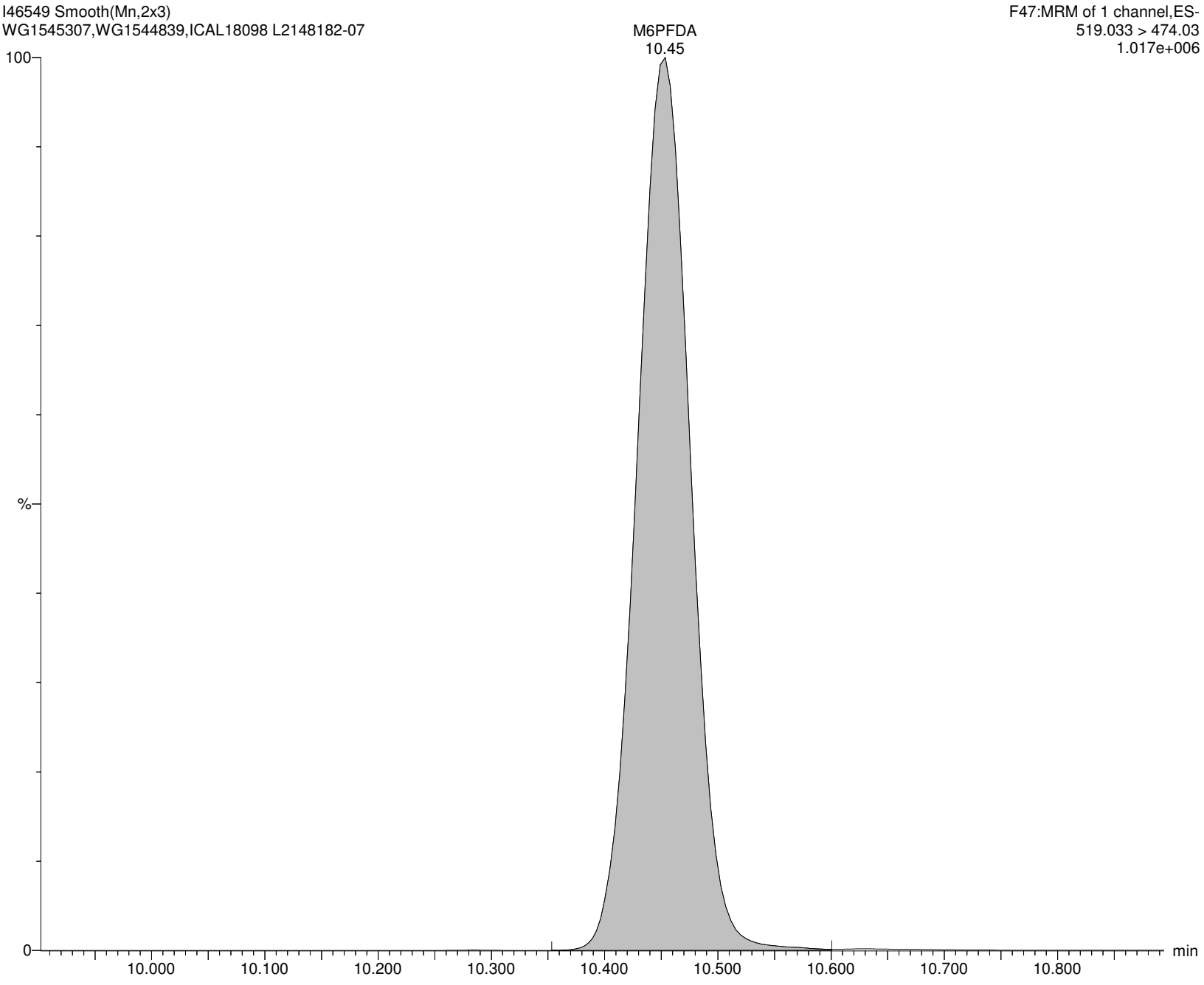


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:11 Eastern Daylight Time

Name: I46549
ID: L2148182-07
Date: 11-Sep-2021
Time: 19:27:56
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M6PFDA

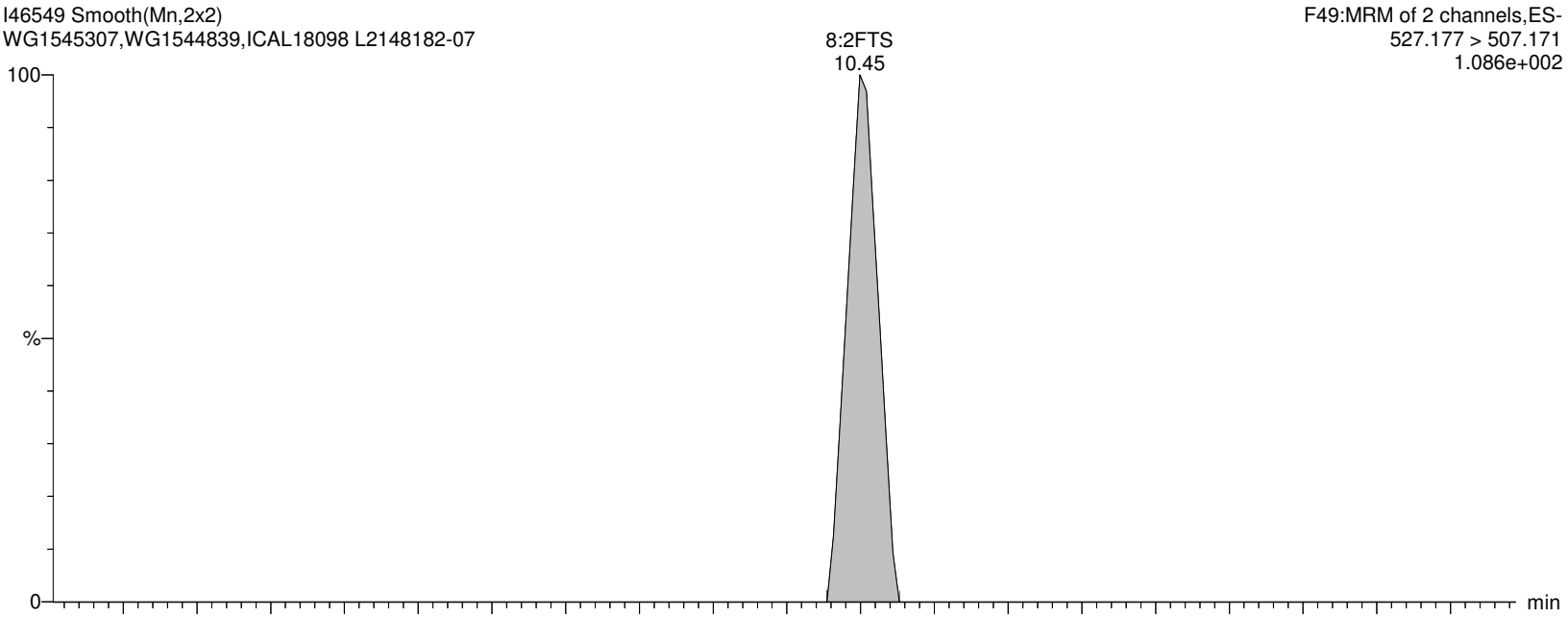


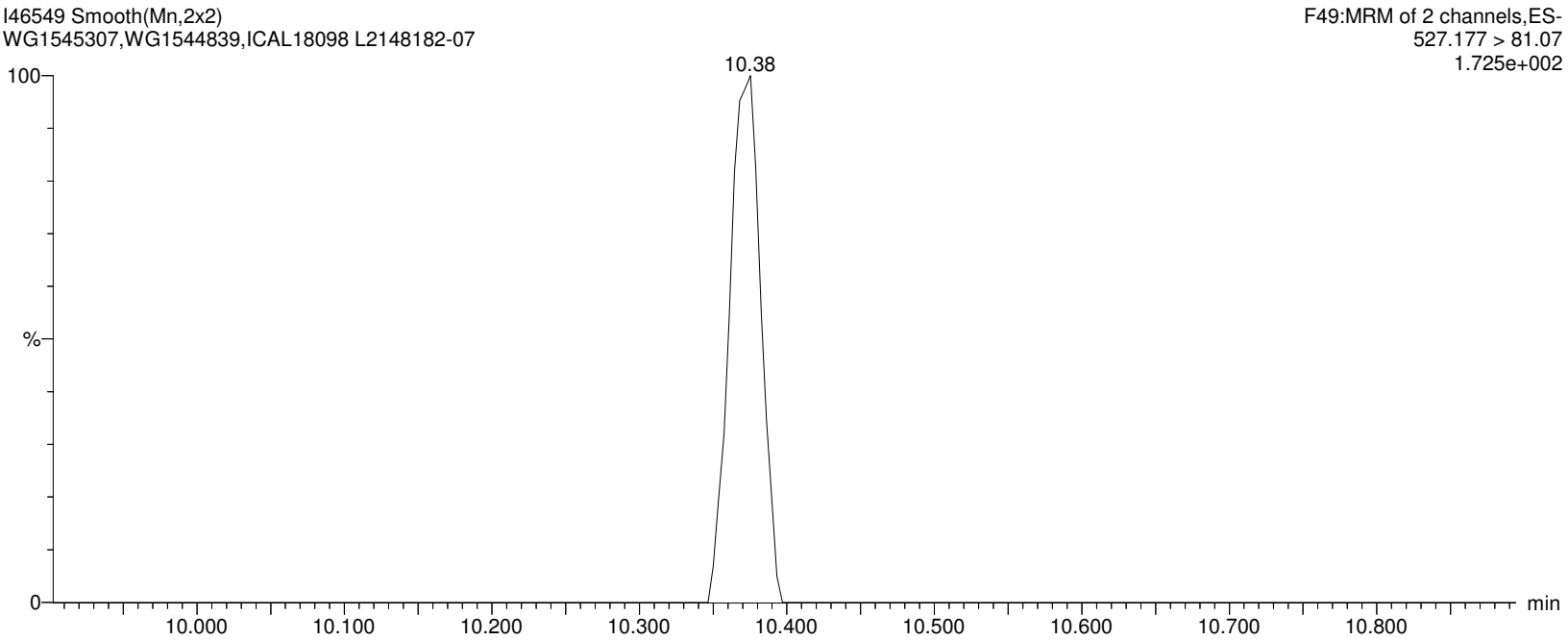
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:11 Eastern Daylight Time

Name: I46549
ID: L2148182-07
Date: 11-Sep-2021
Time: 19:27:56
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

8:2FTS



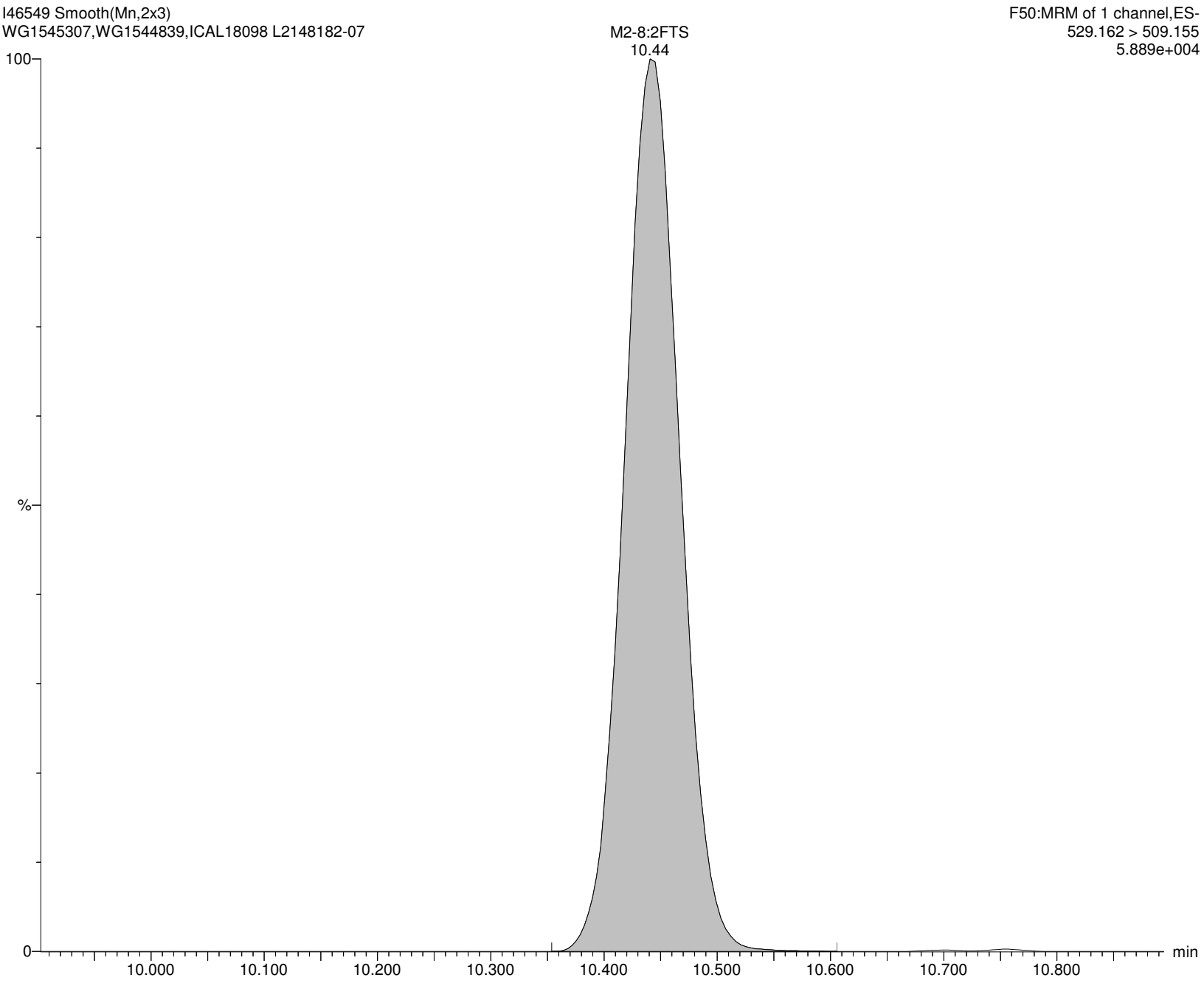


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:11 Eastern Daylight Time

Name: I46549
ID: L2148182-07
Date: 11-Sep-2021
Time: 19:27:56
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-8:2FTS

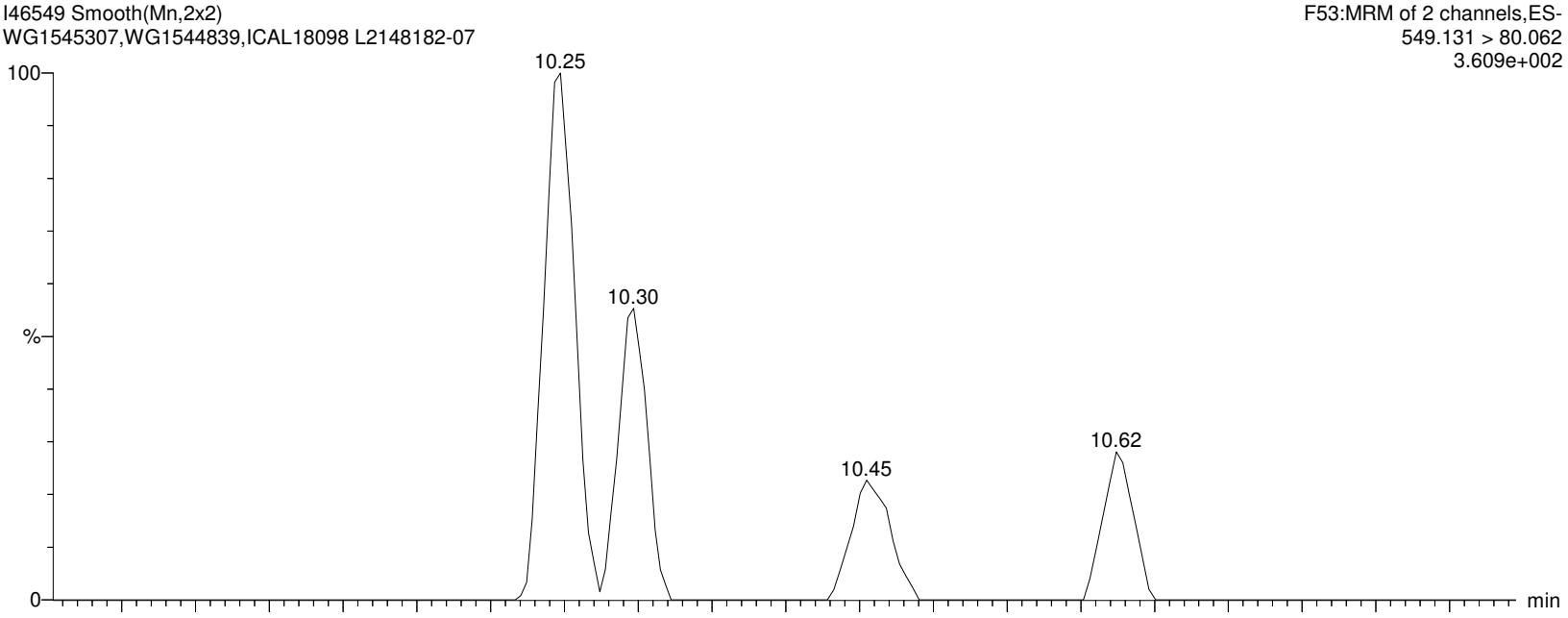


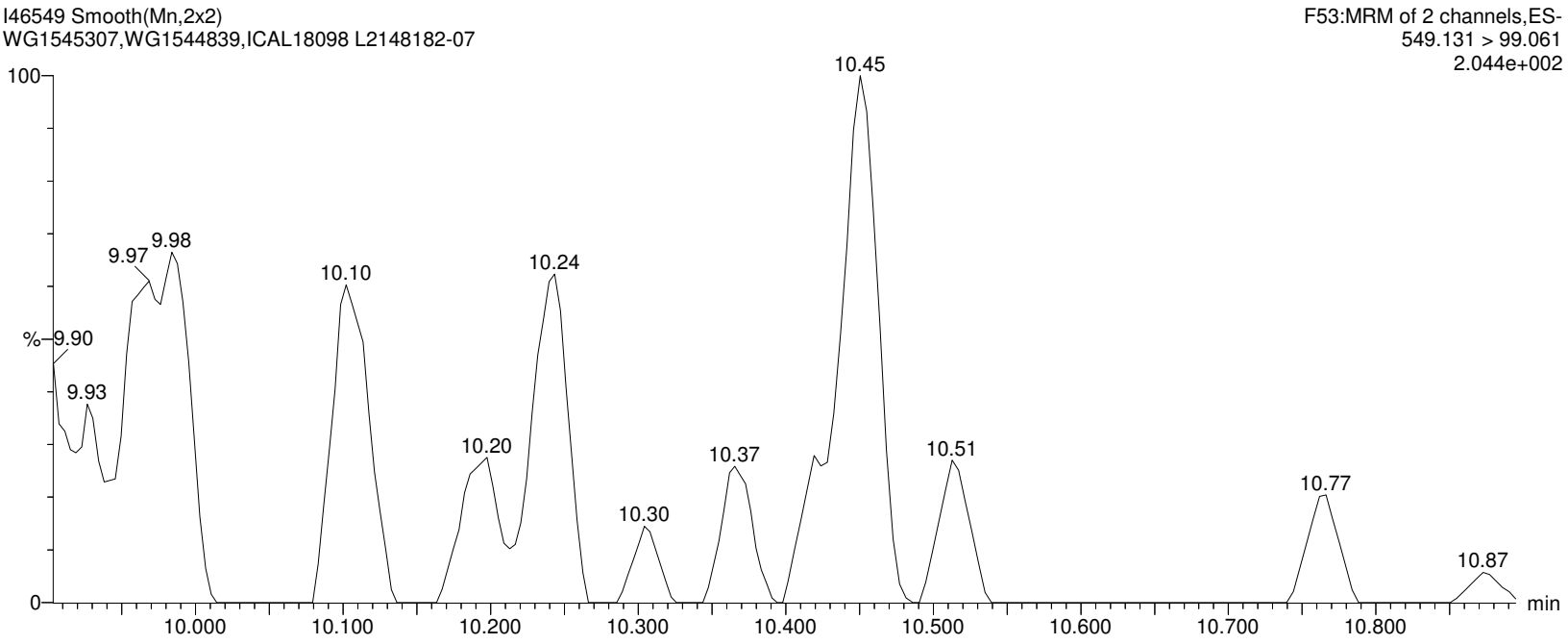
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:11 Eastern Daylight Time

Name: I46549
ID: L2148182-07
Date: 11-Sep-2021
Time: 19:27:56
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNS



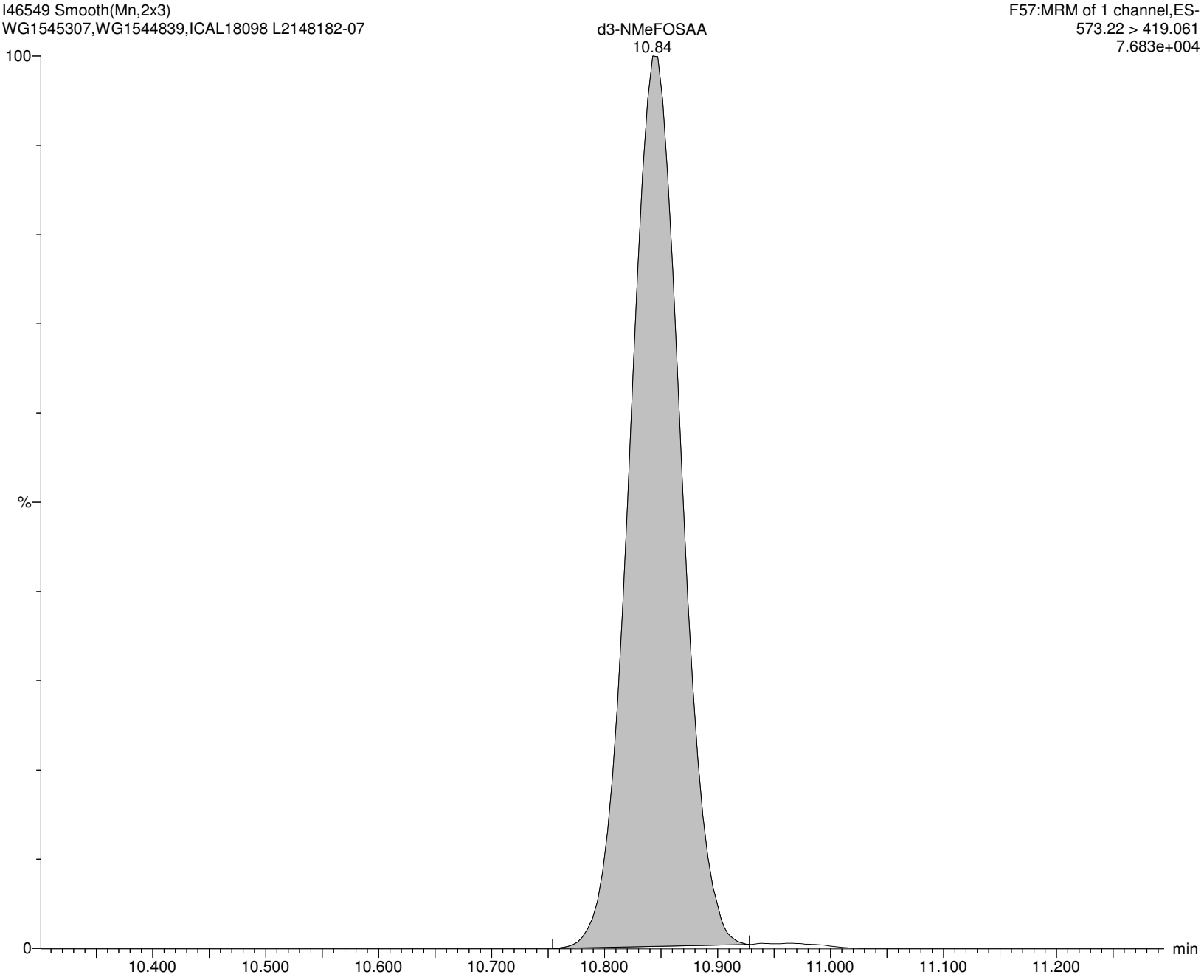


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:11 Eastern Daylight Time

Name: I46549
ID: L2148182-07
Date: 11-Sep-2021
Time: 19:27:56
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSAA

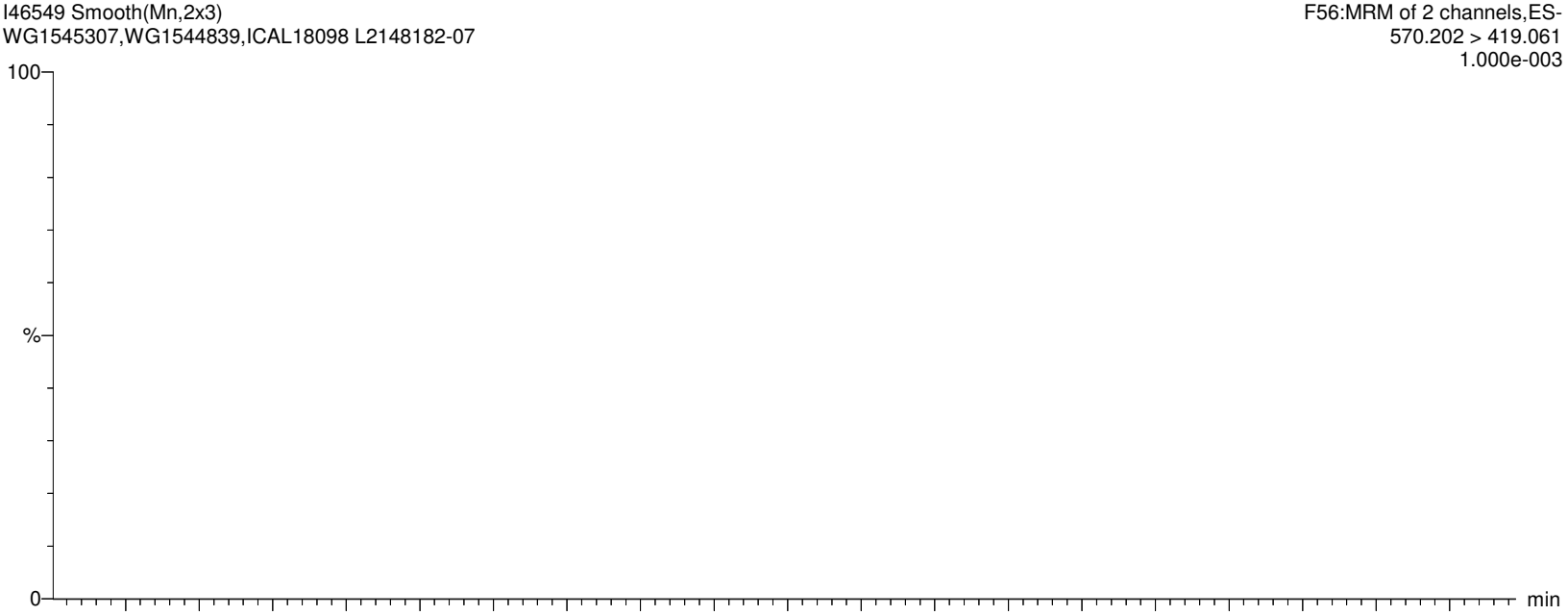


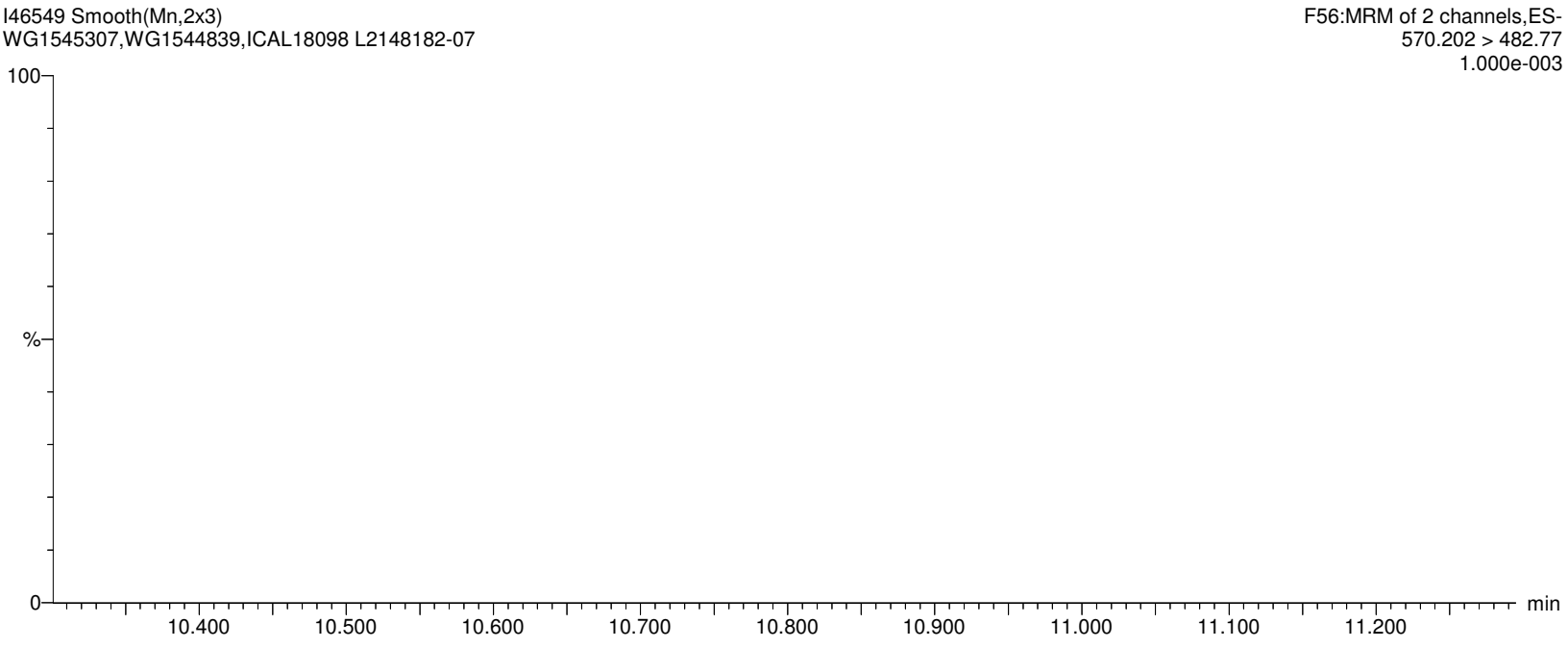
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:11 Eastern Daylight Time

Name: I46549
ID: L2148182-07
Date: 11-Sep-2021
Time: 19:27:56
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NMeFOSAA



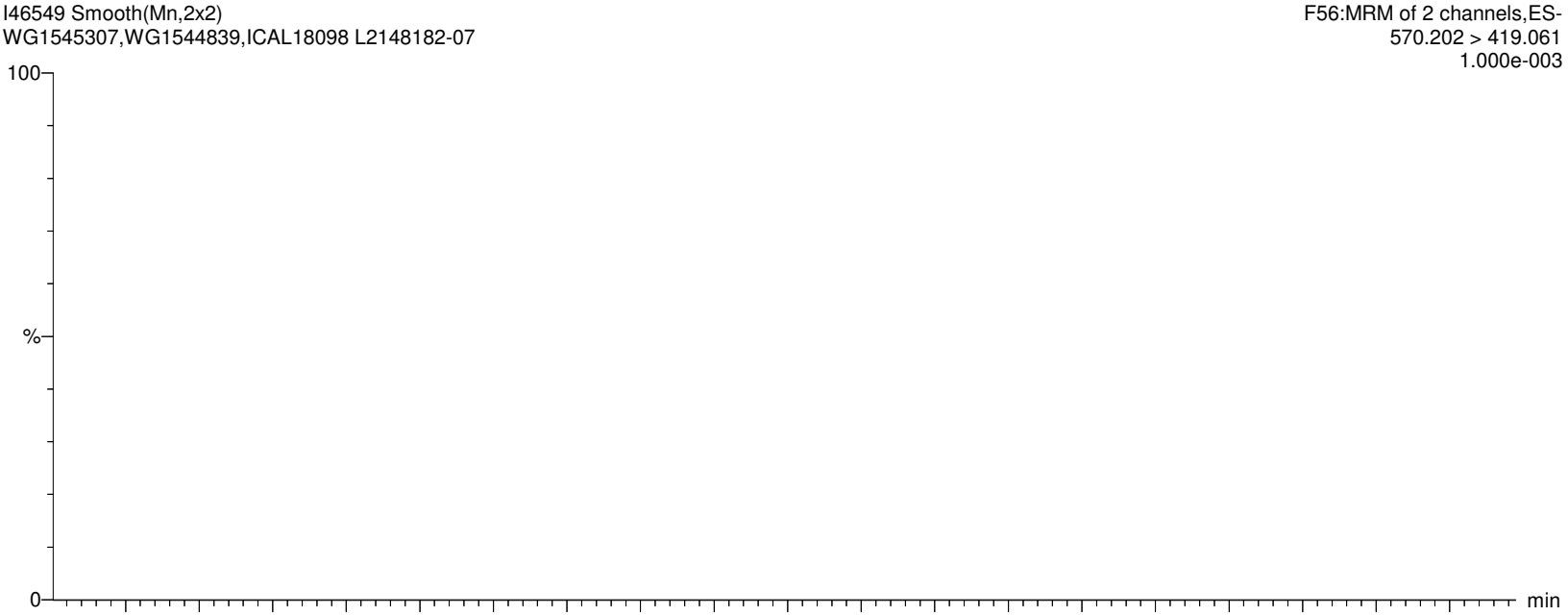


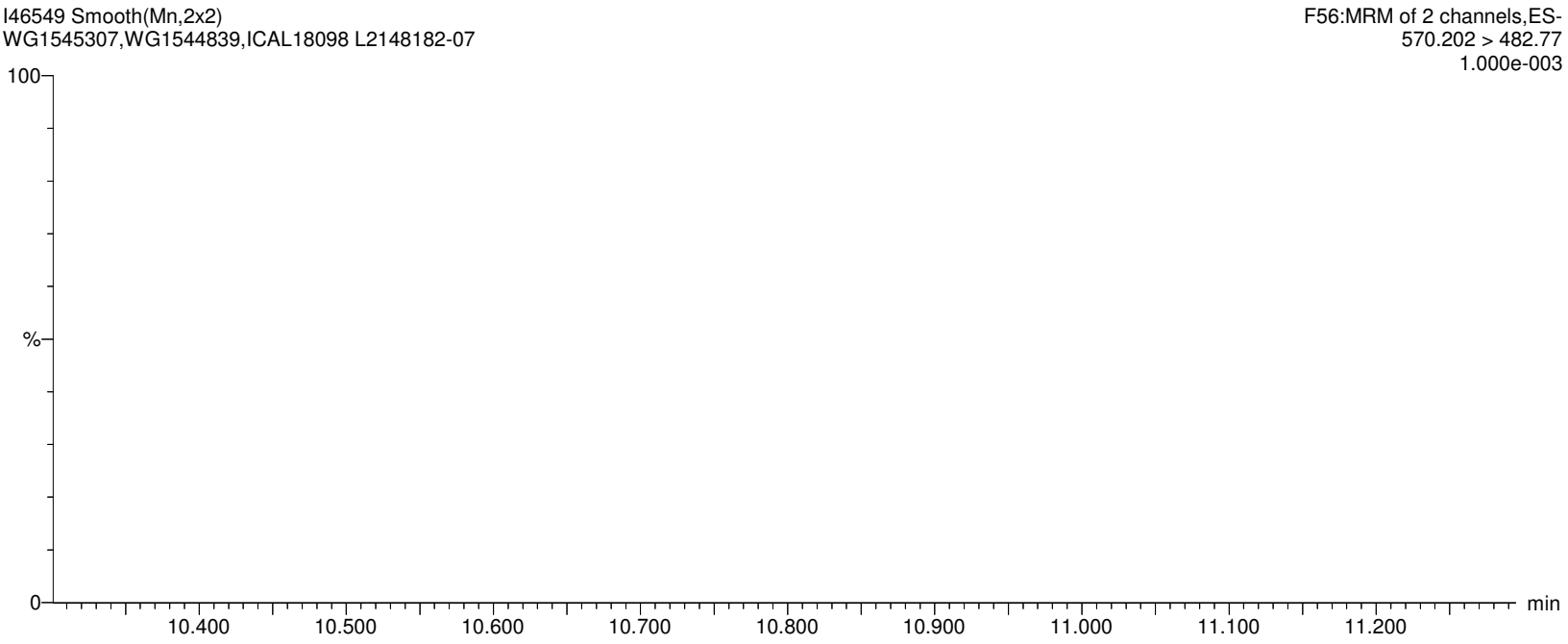
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:11 Eastern Daylight Time

Name: I46549
ID: L2148182-07
Date: 11-Sep-2021
Time: 19:27:56
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NMeFOSAA



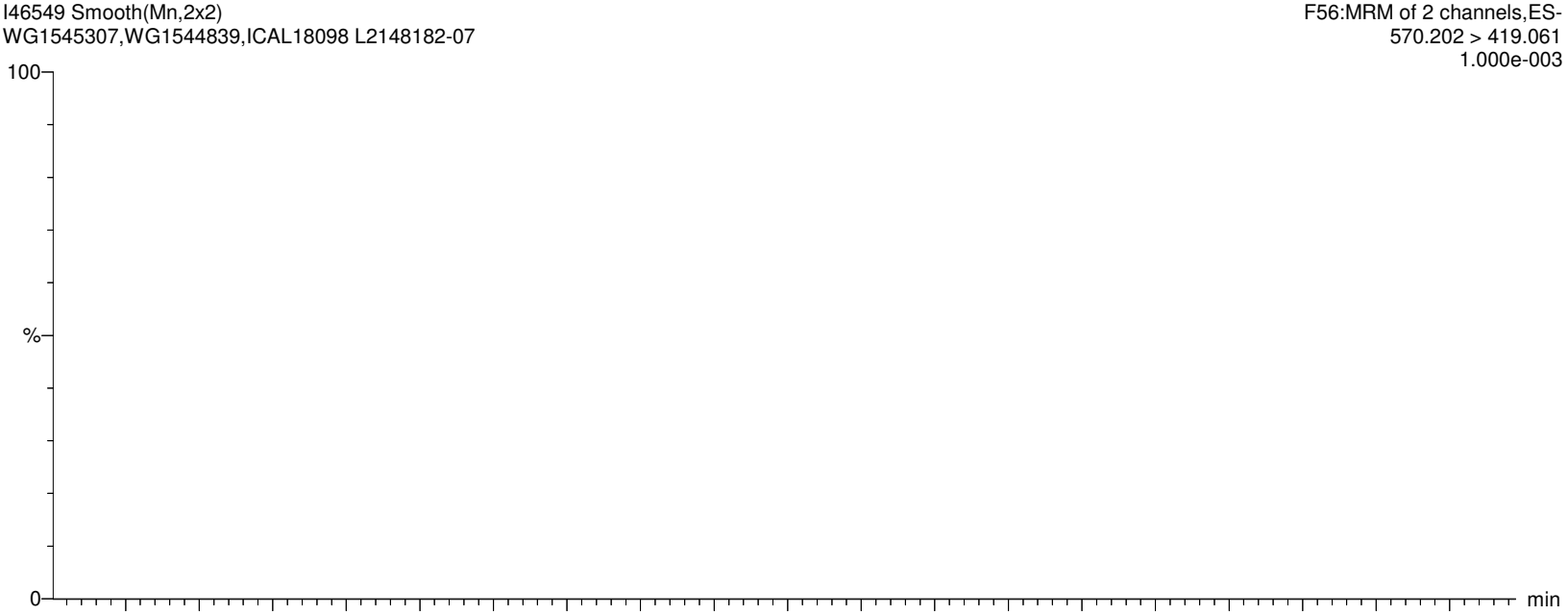


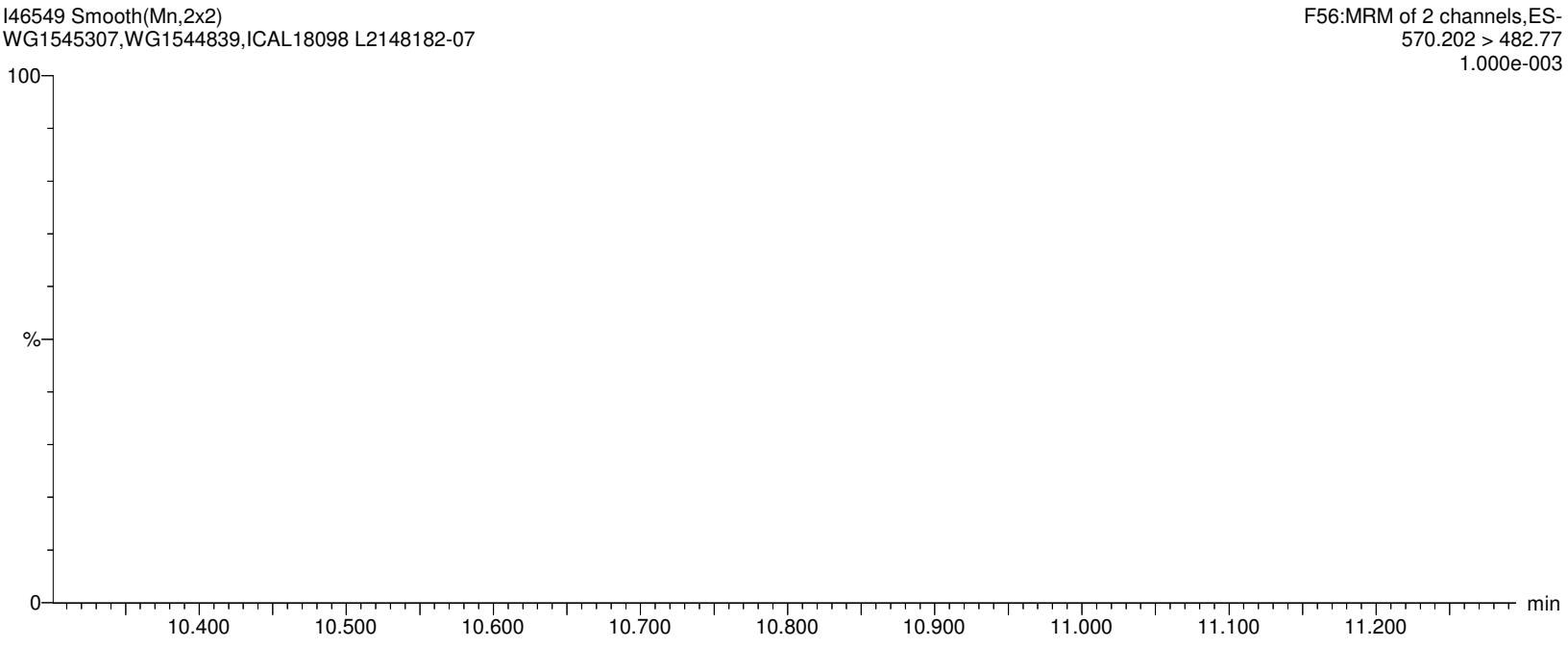
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:11 Eastern Daylight Time

Name: I46549
ID: L2148182-07
Date: 11-Sep-2021
Time: 19:27:56
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSAA



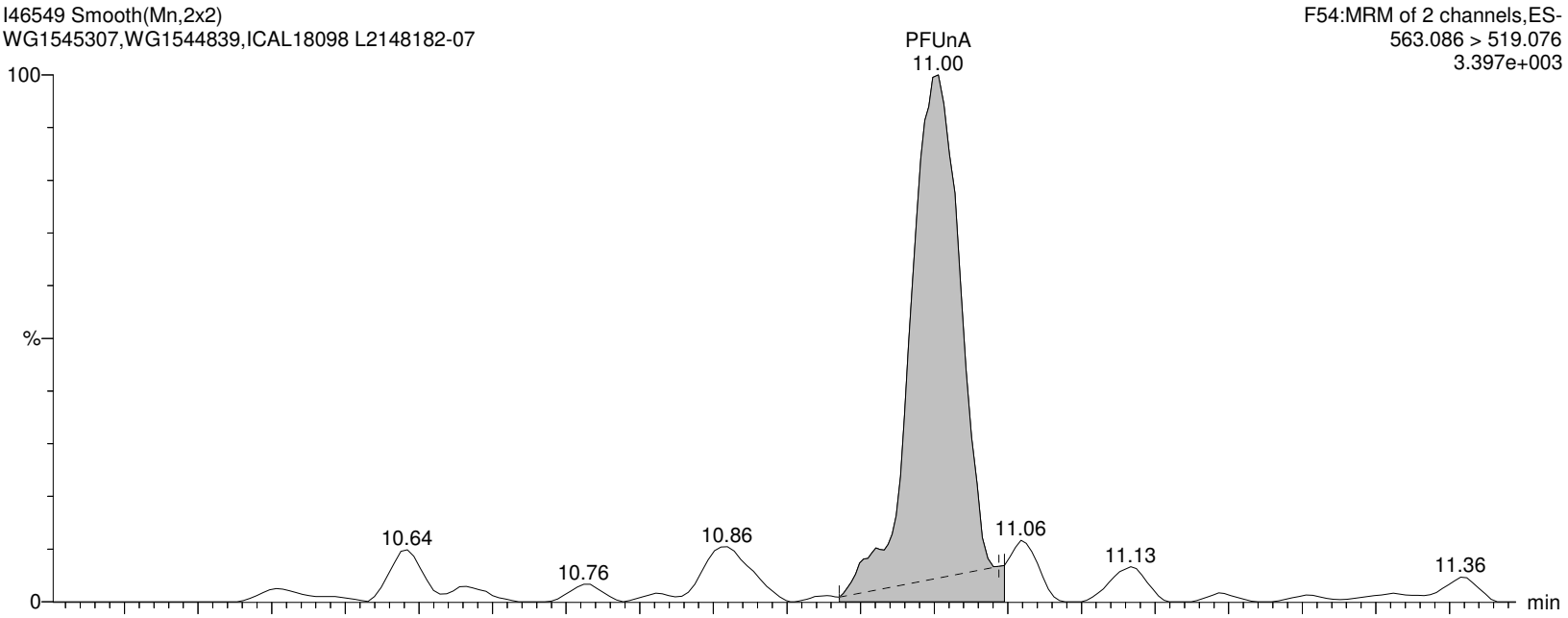


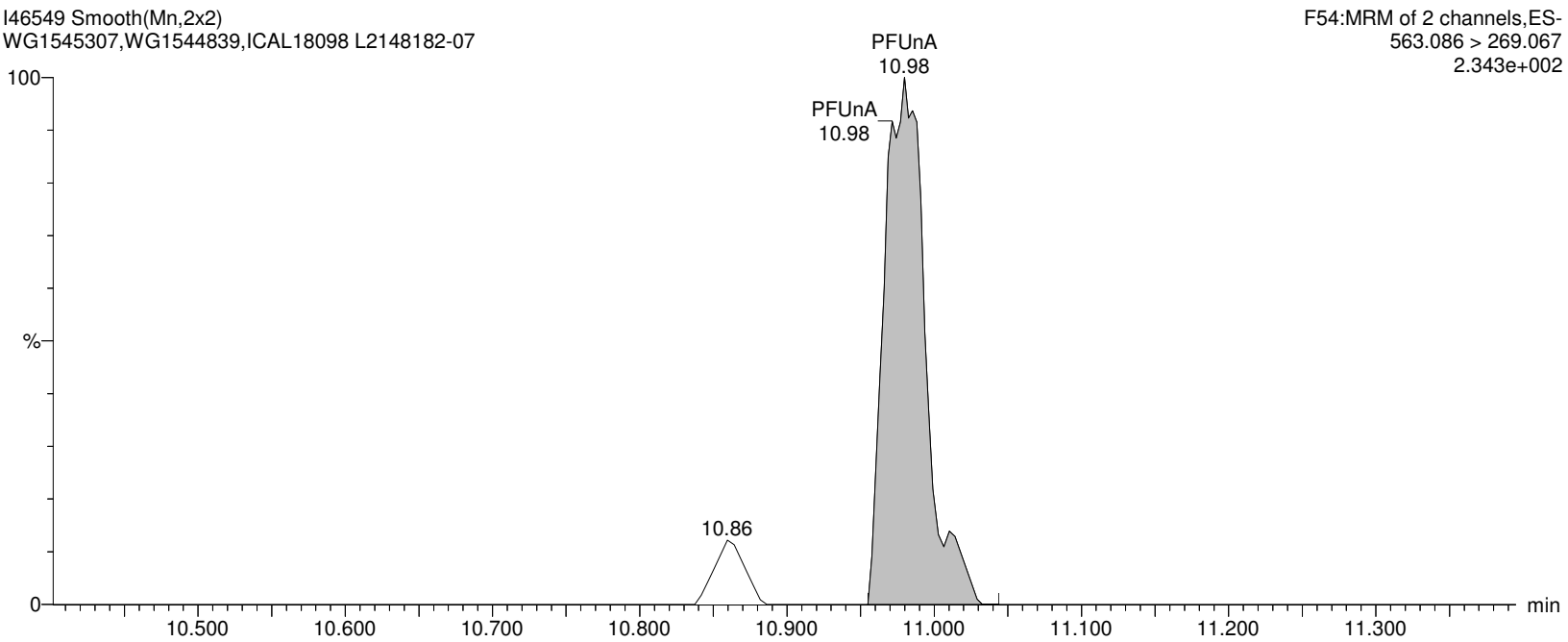
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:11 Eastern Daylight Time

Name: I46549
ID: L2148182-07
Date: 11-Sep-2021
Time: 19:27:56
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFUnA



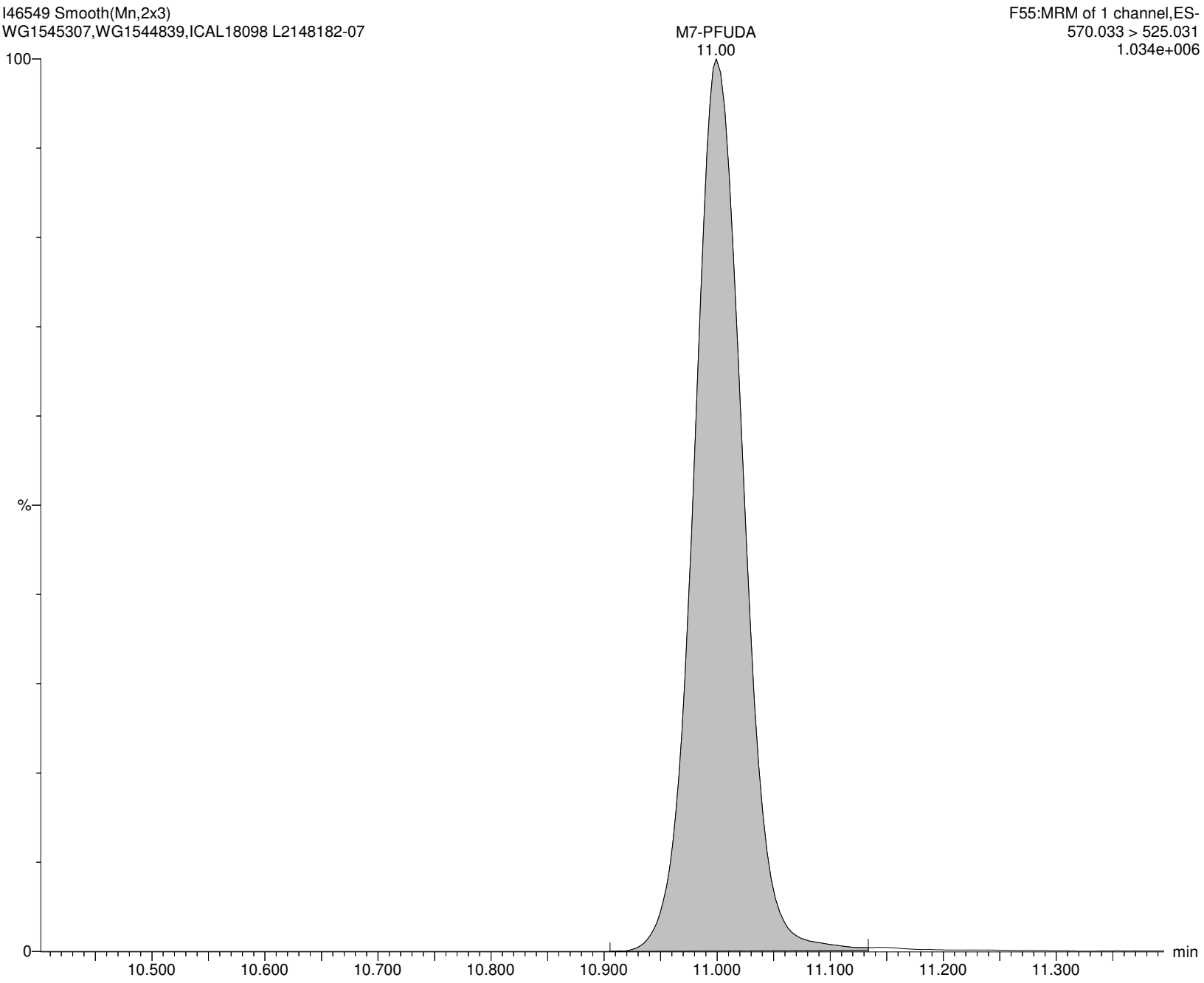


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:11 Eastern Daylight Time

Name: I46549
ID: L2148182-07
Date: 11-Sep-2021
Time: 19:27:56
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M7-PFUDA

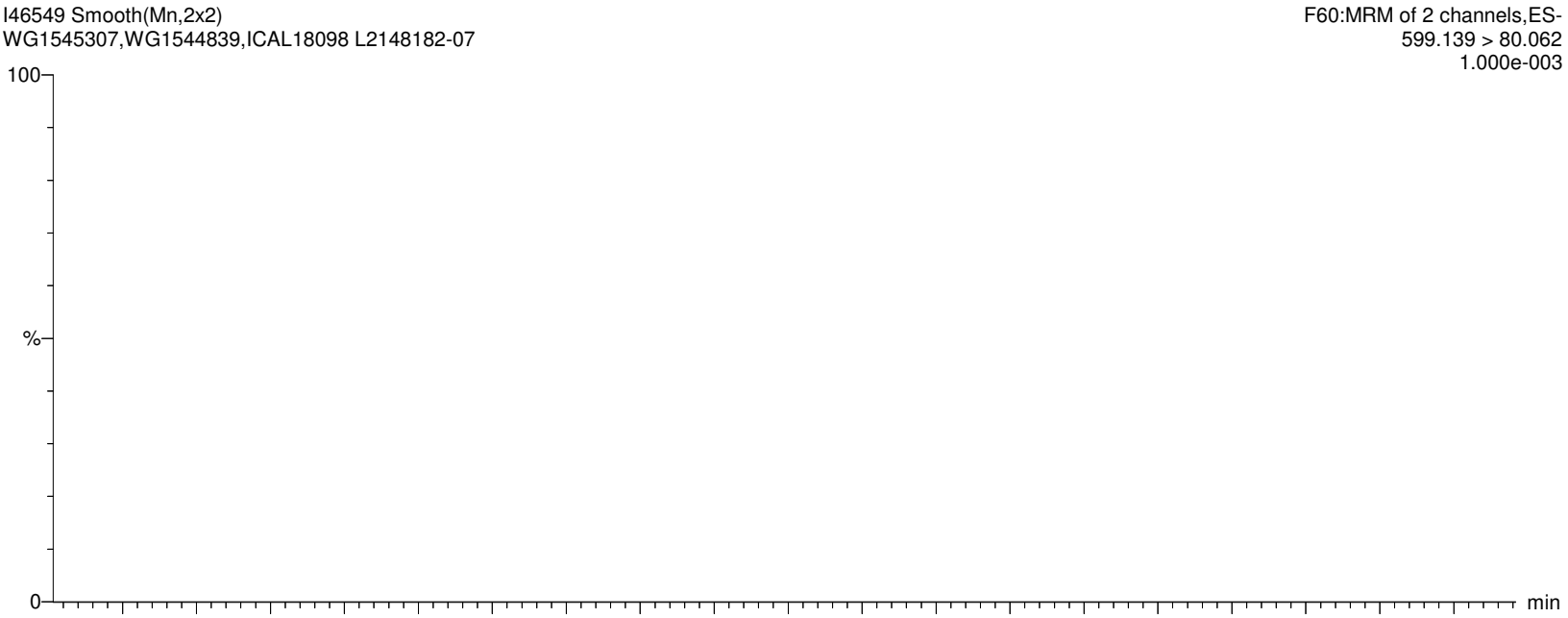


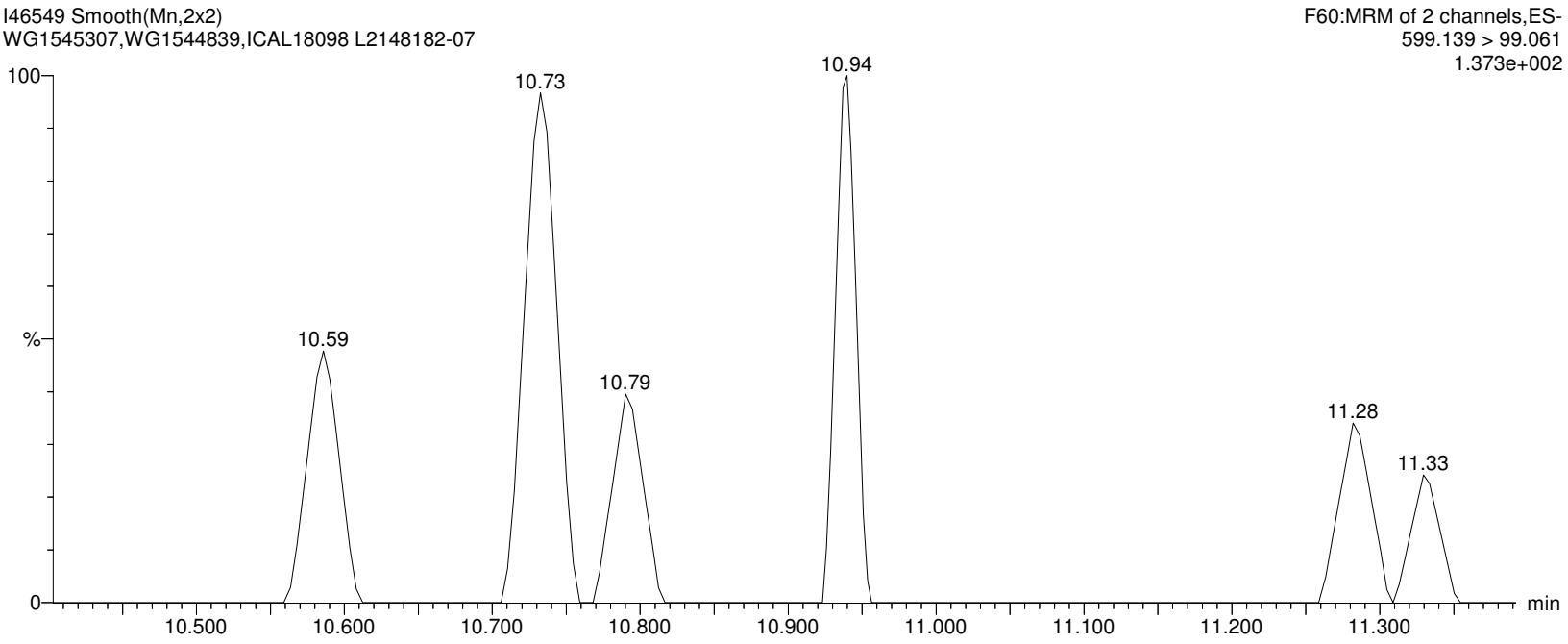
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:11 Eastern Daylight Time

Name: I46549
ID: L2148182-07
Date: 11-Sep-2021
Time: 19:27:56
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDS



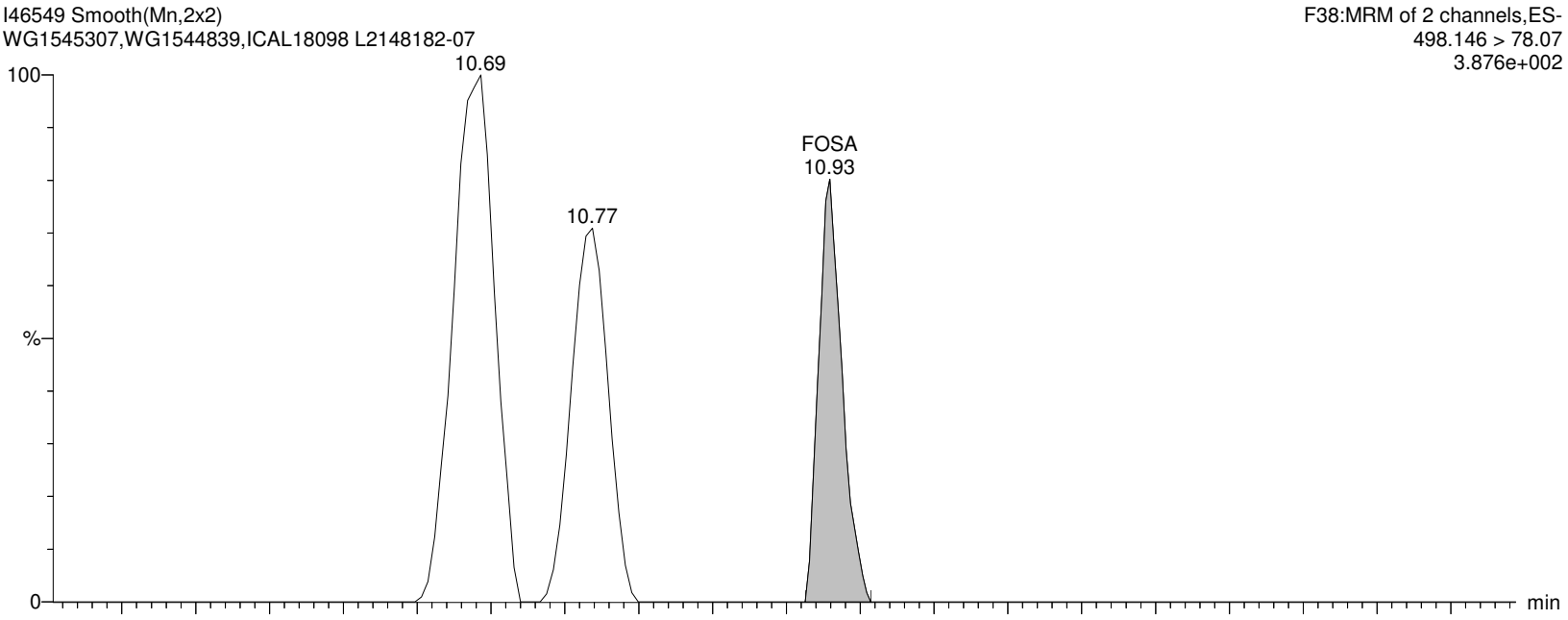


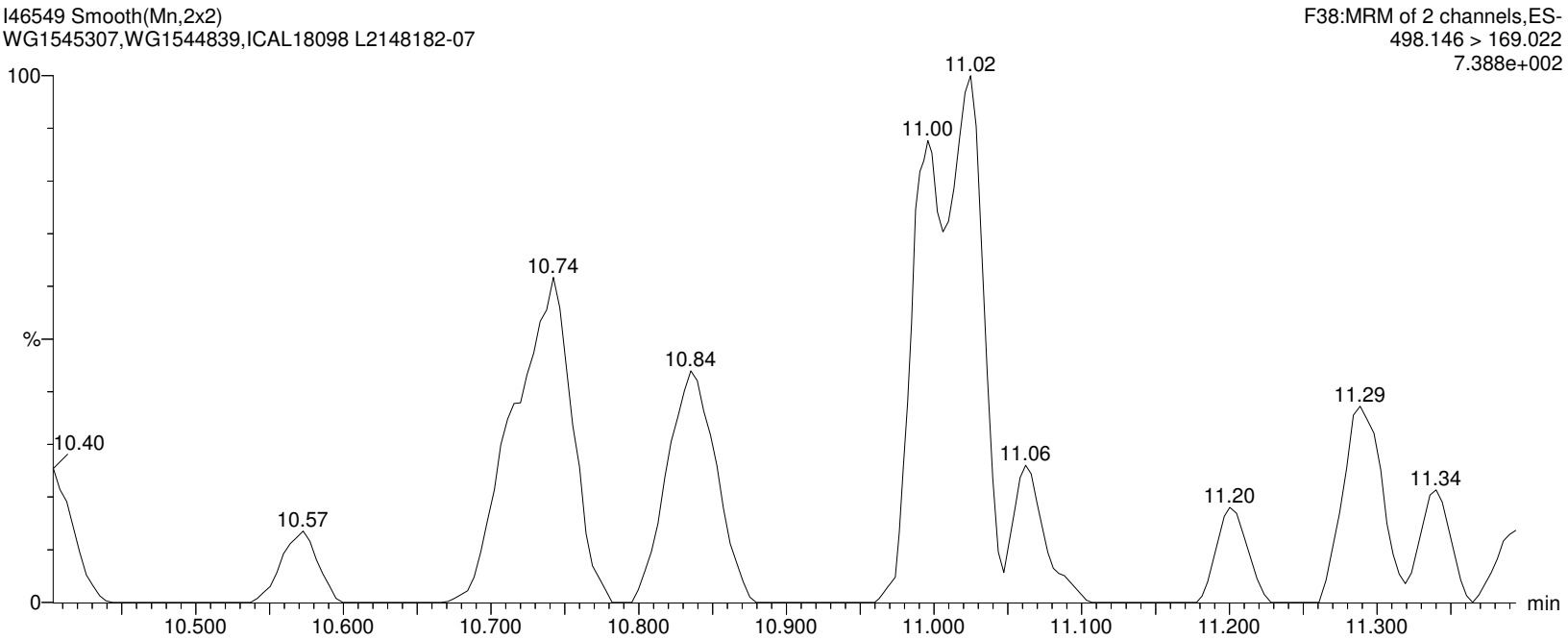
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:11 Eastern Daylight Time

Name: I46549
ID: L2148182-07
Date: 11-Sep-2021
Time: 19:27:56
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

FOSA



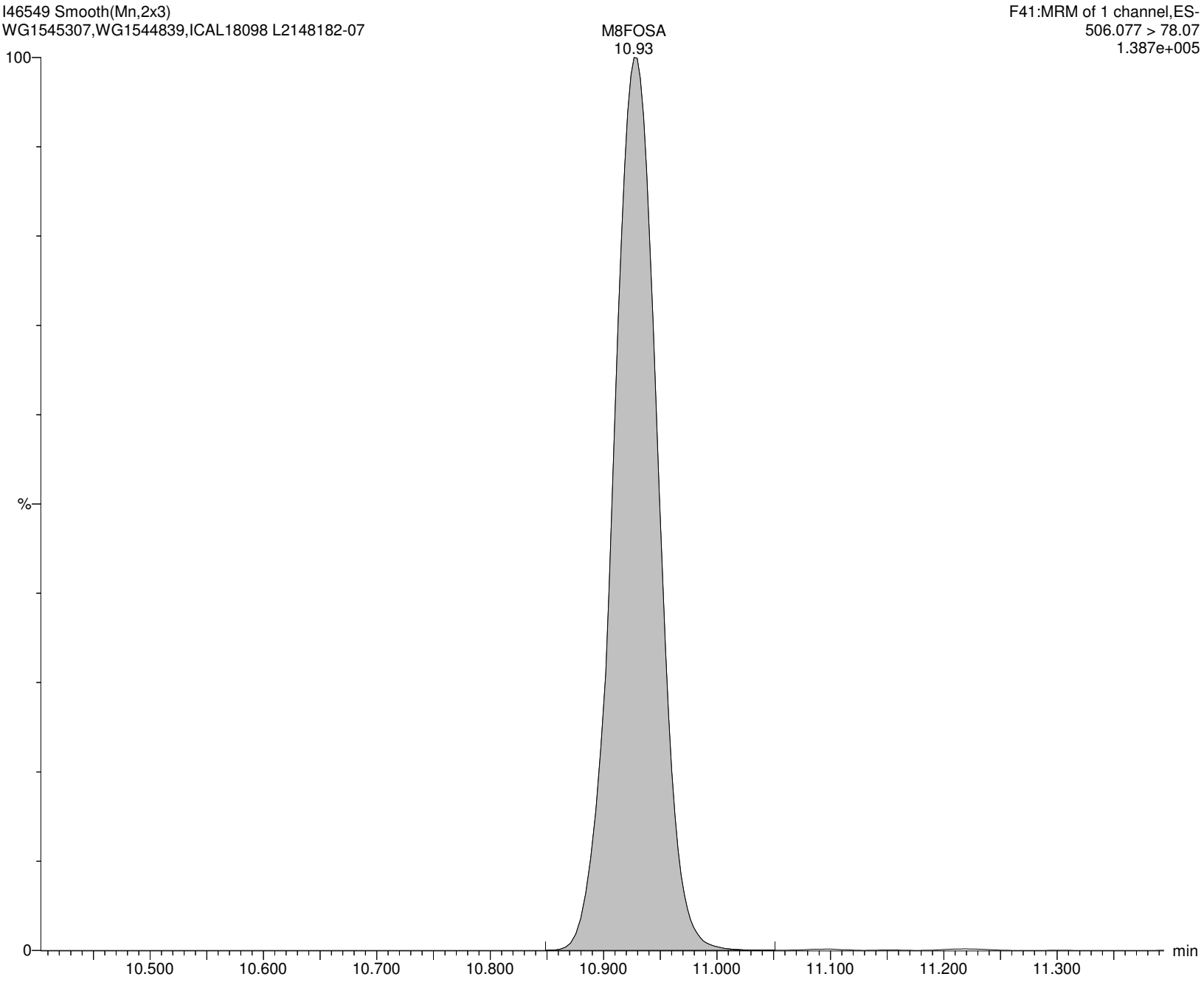


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:11 Eastern Daylight Time

Name: I46549
ID: L2148182-07
Date: 11-Sep-2021
Time: 19:27:56
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8FOSA

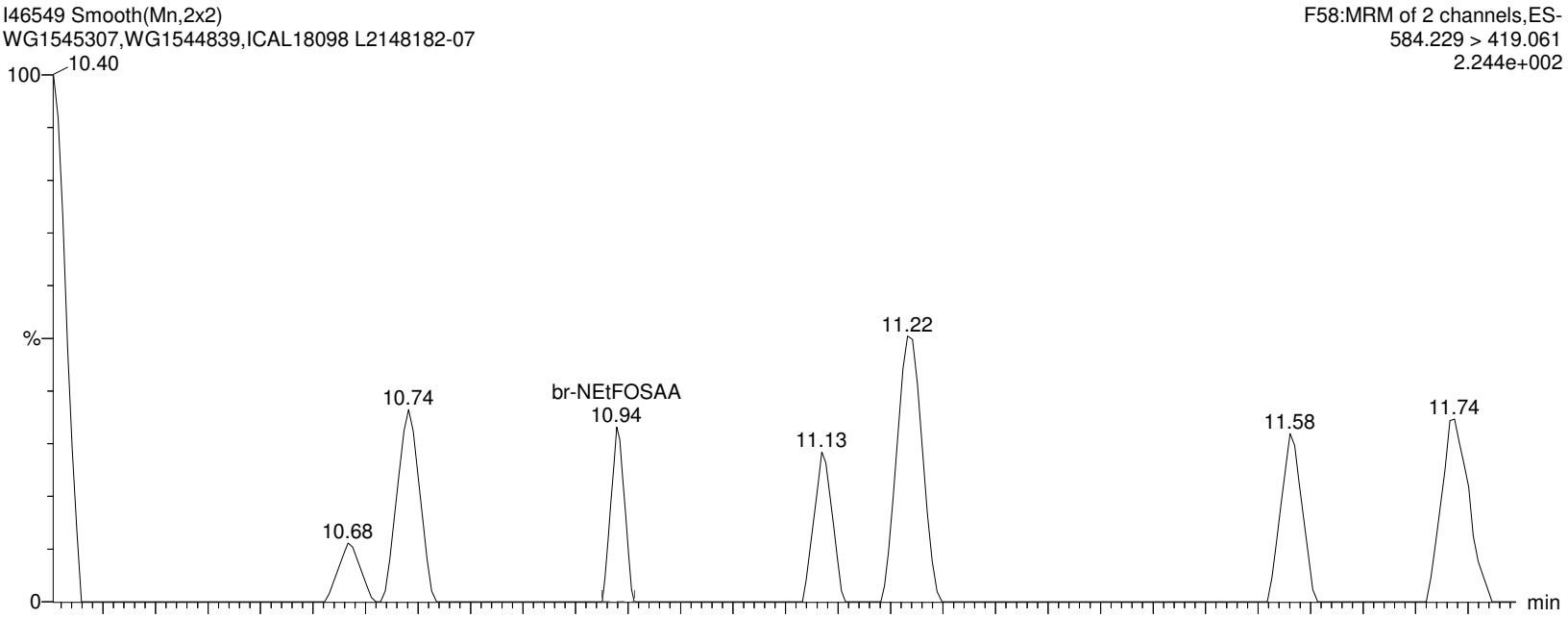


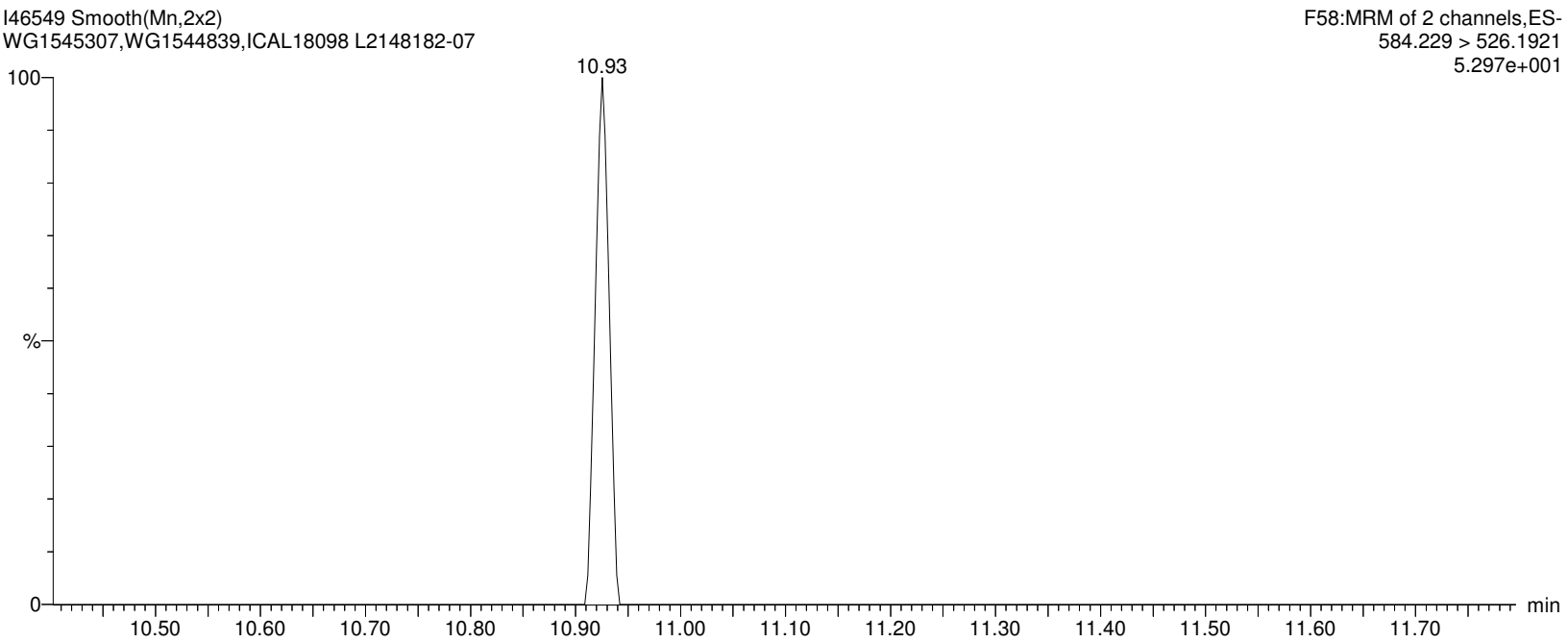
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:11 Eastern Daylight Time

Name: I46549
ID: L2148182-07
Date: 11-Sep-2021
Time: 19:27:56
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NEtFOSAA



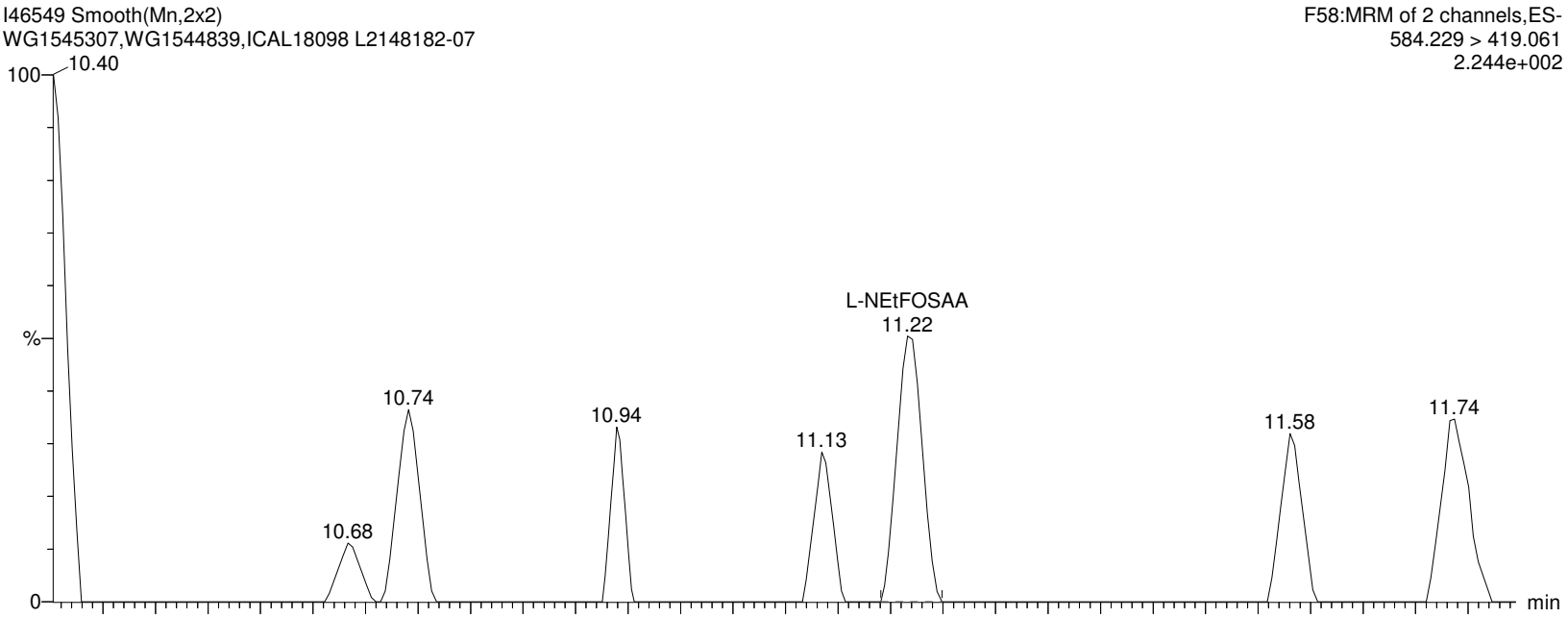


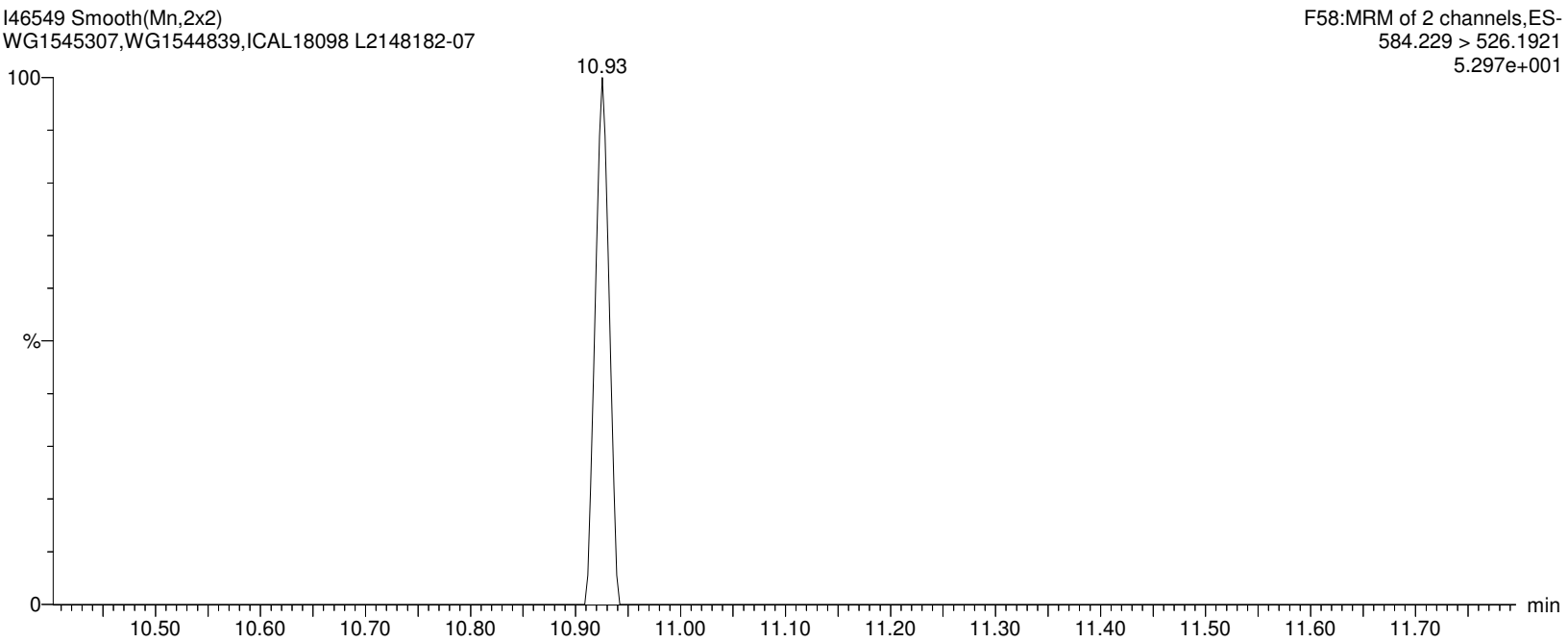
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:11 Eastern Daylight Time

Name: I46549
ID: L2148182-07
Date: 11-Sep-2021
Time: 19:27:56
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NEtFOSAA



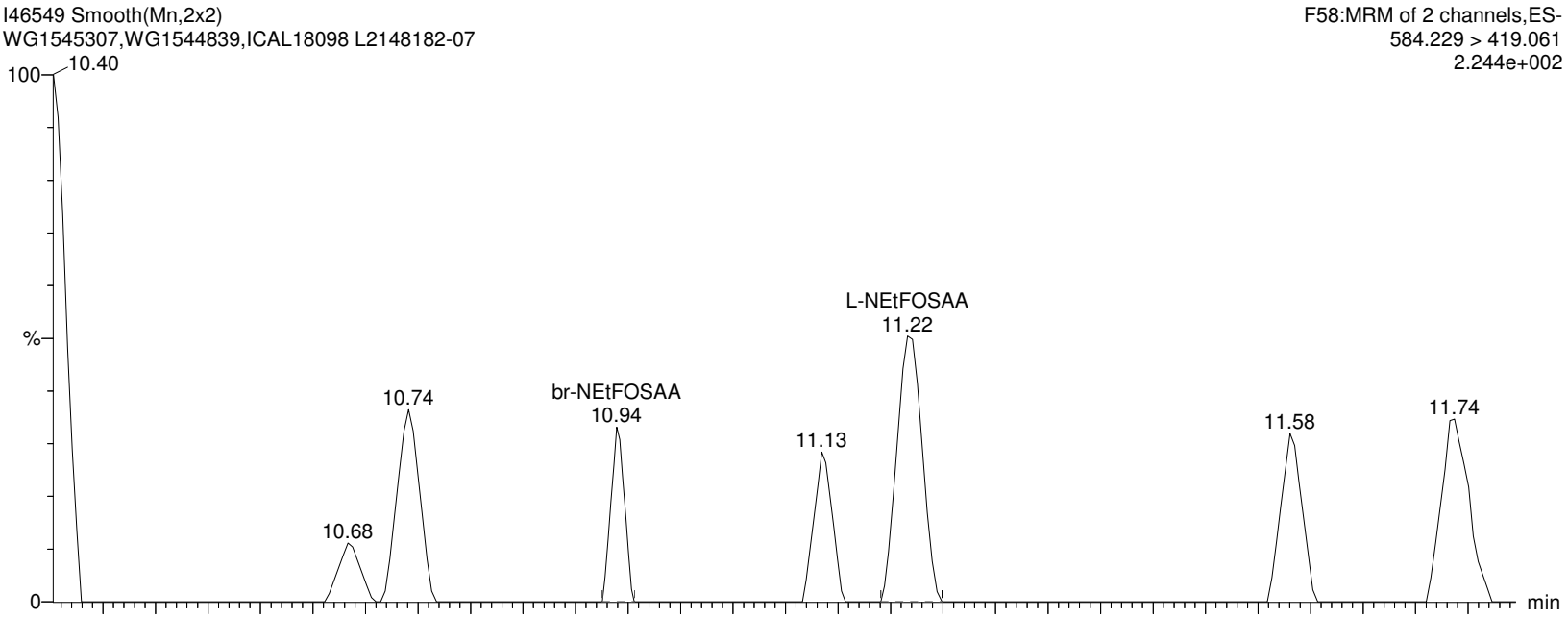


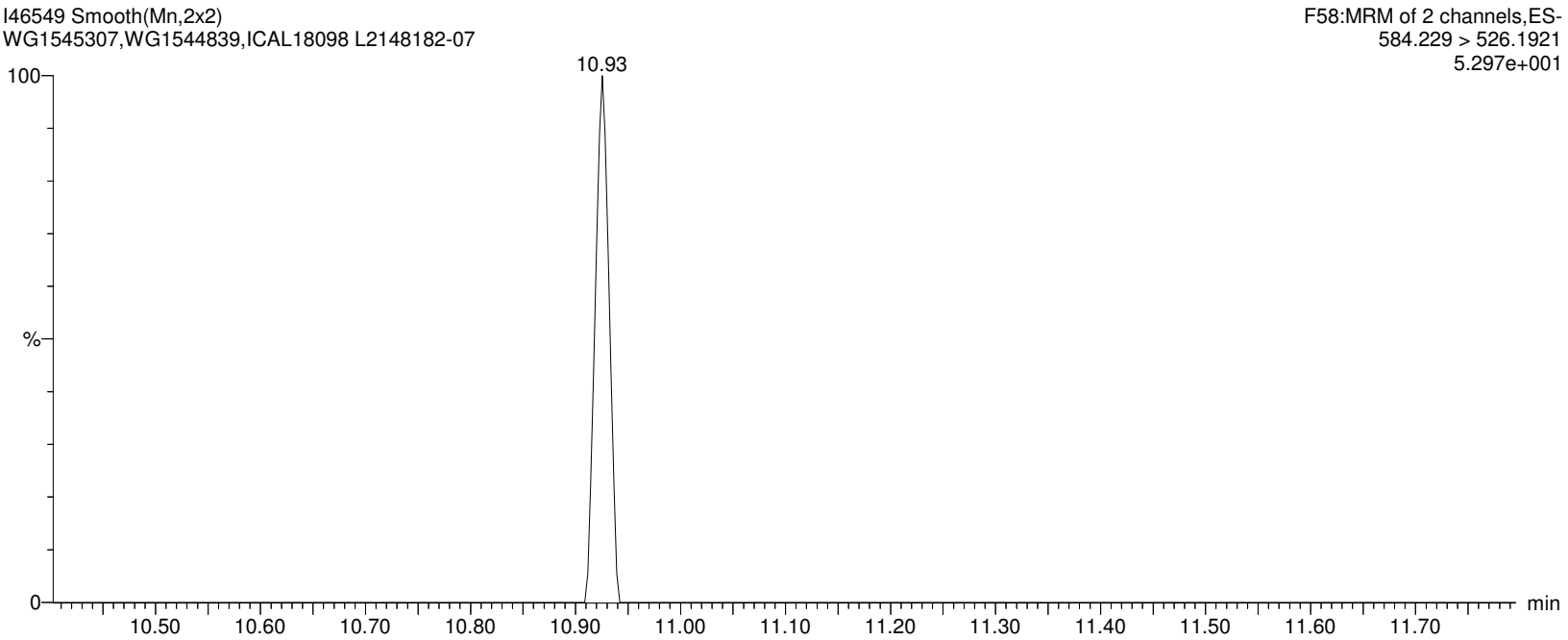
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:11 Eastern Daylight Time

Name: I46549
ID: L2148182-07
Date: 11-Sep-2021
Time: 19:27:56
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSAA



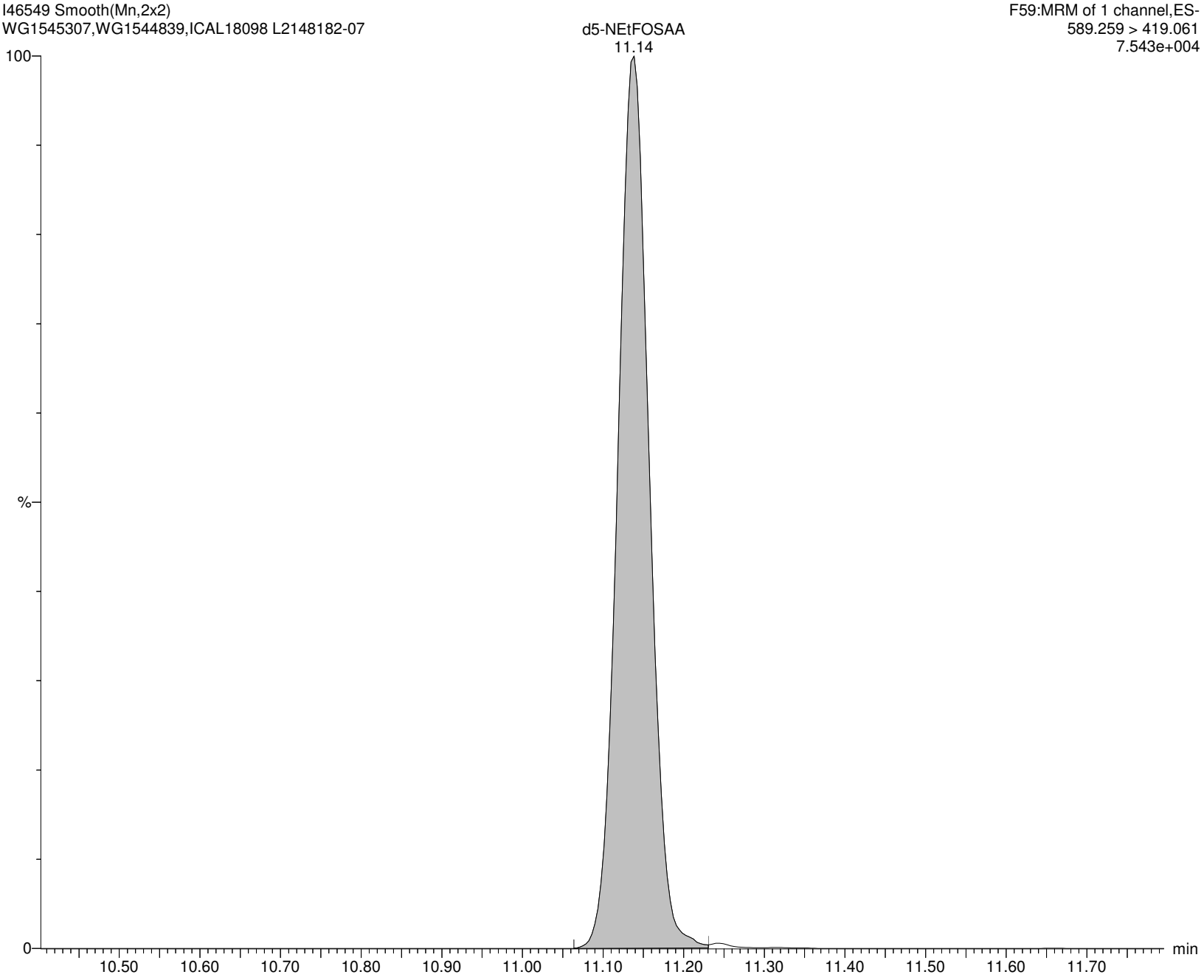


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:11 Eastern Daylight Time

Name: I46549
ID: L2148182-07
Date: 11-Sep-2021
Time: 19:27:56
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSAA

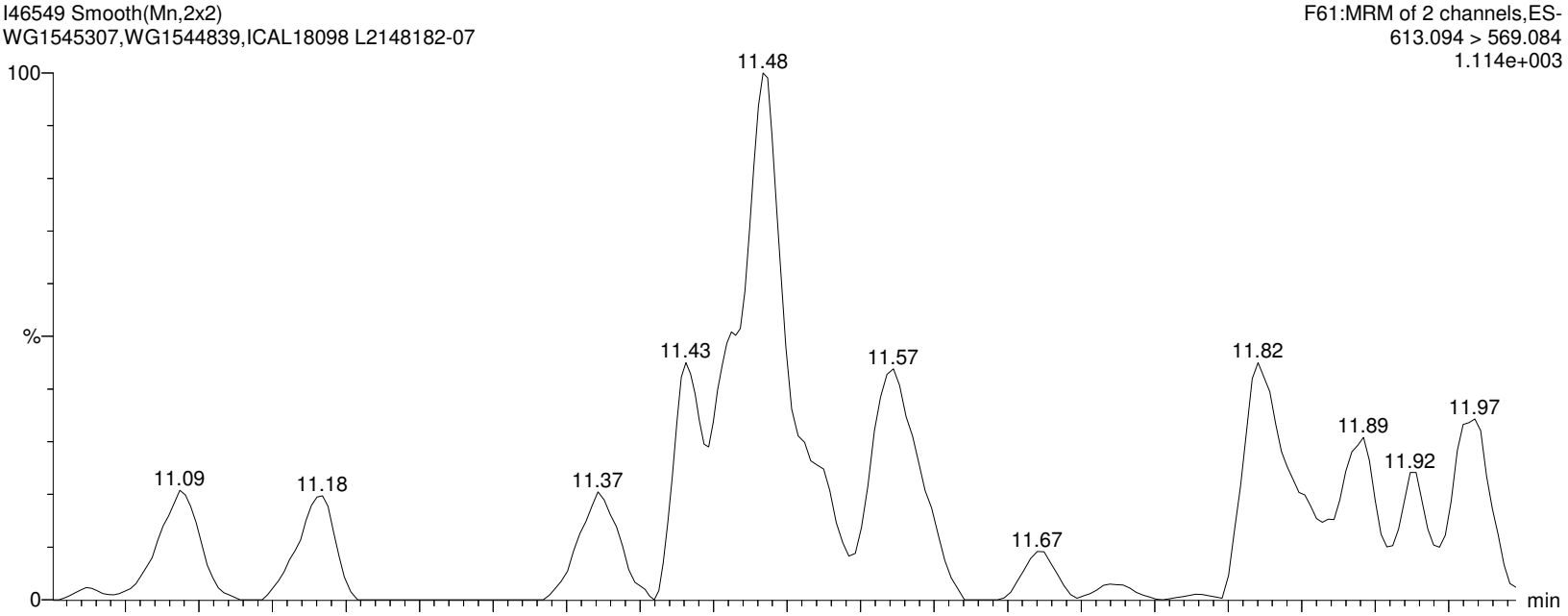


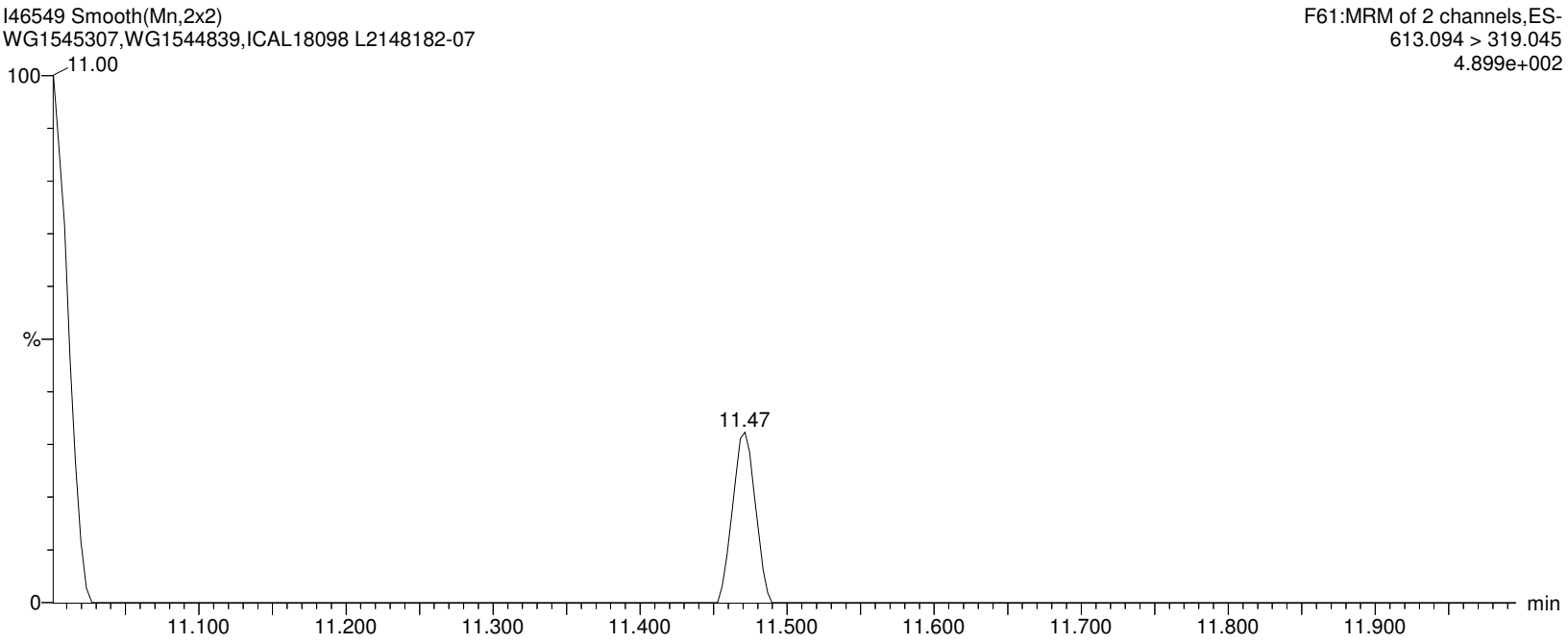
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:11 Eastern Daylight Time

Name: I46549
ID: L2148182-07
Date: 11-Sep-2021
Time: 19:27:56
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoA



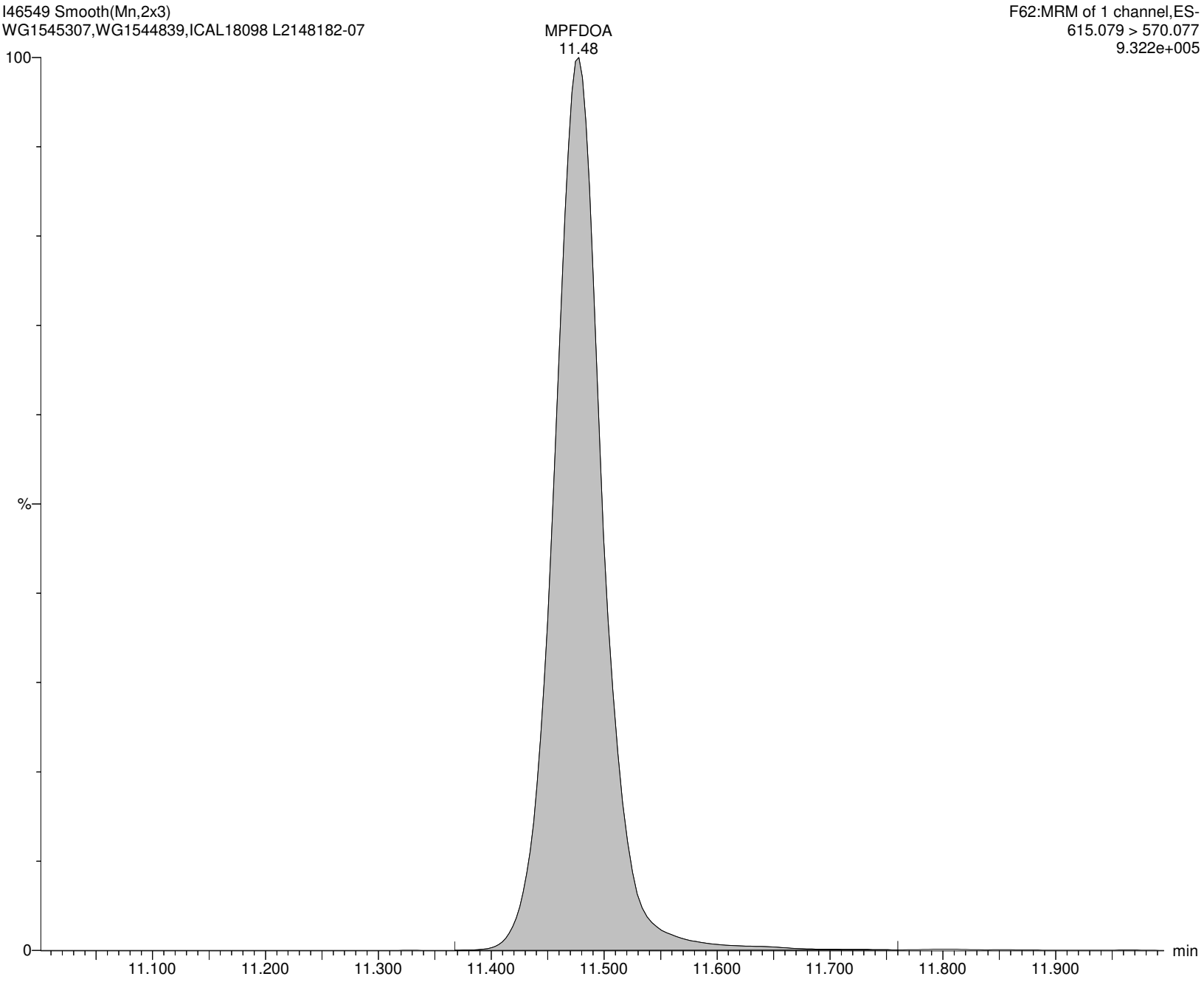


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:11 Eastern Daylight Time

Name: I46549
ID: L2148182-07
Date: 11-Sep-2021
Time: 19:27:56
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFDOA

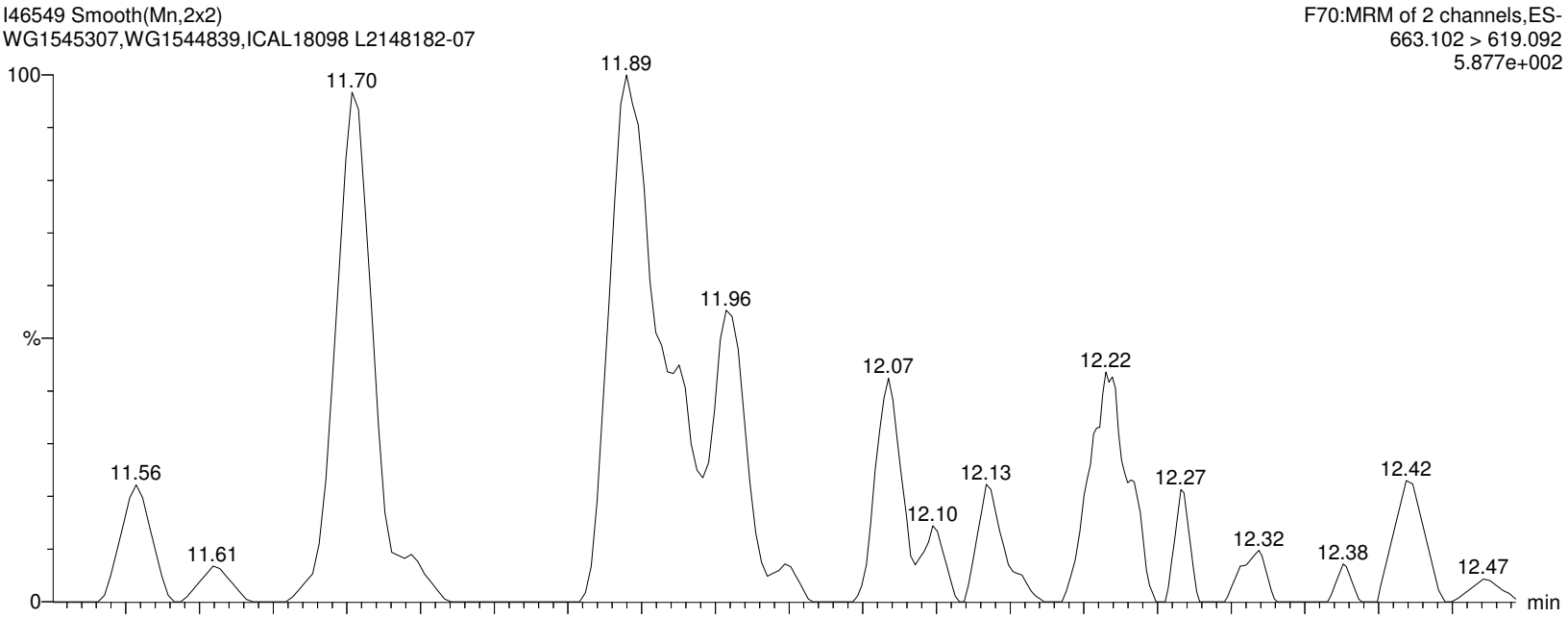


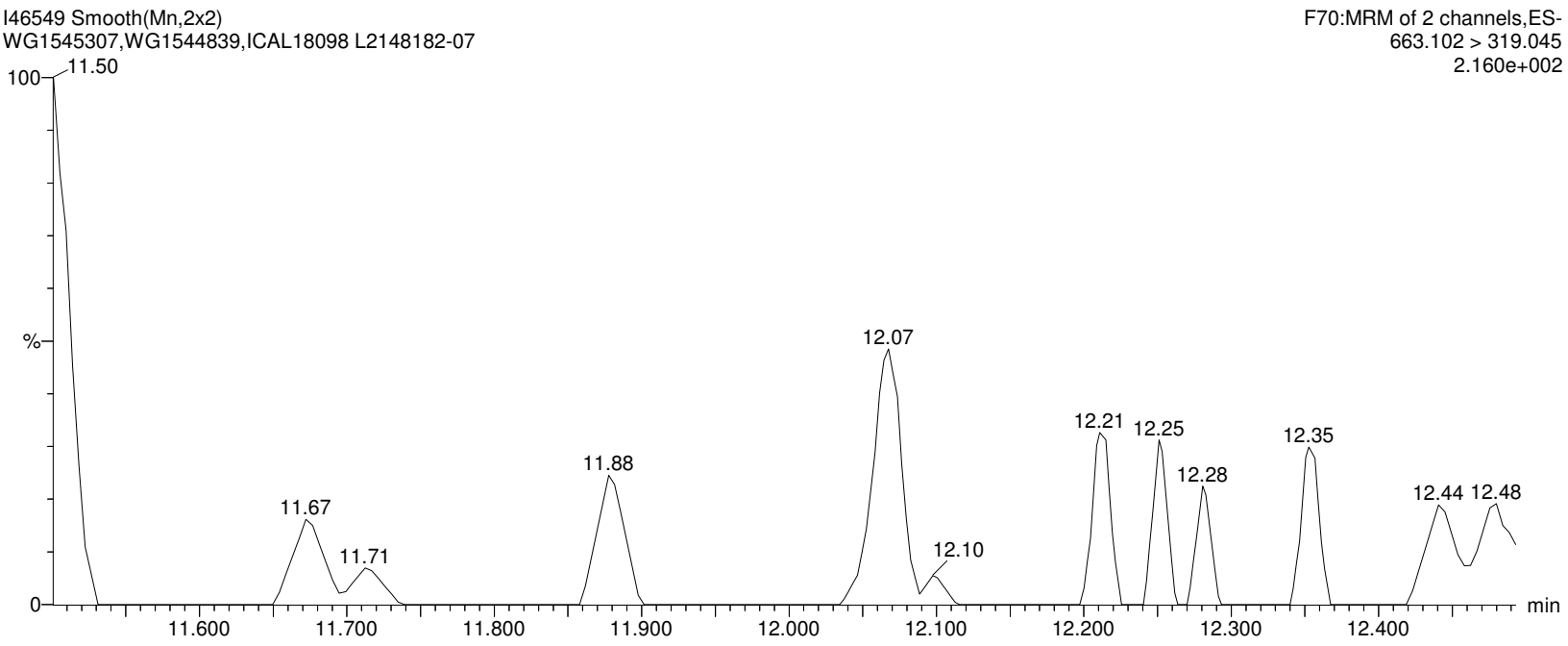
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:11 Eastern Daylight Time

Name: I46549
ID: L2148182-07
Date: 11-Sep-2021
Time: 19:27:56
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTrDA



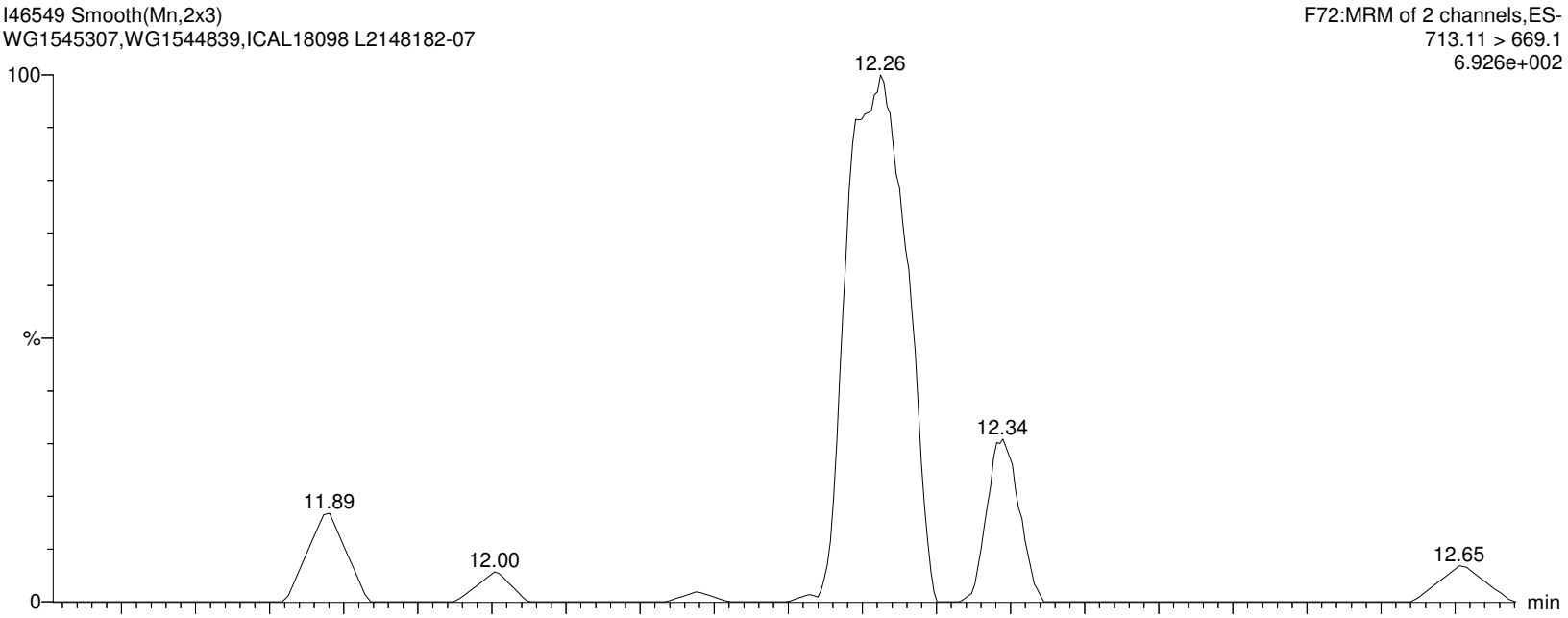


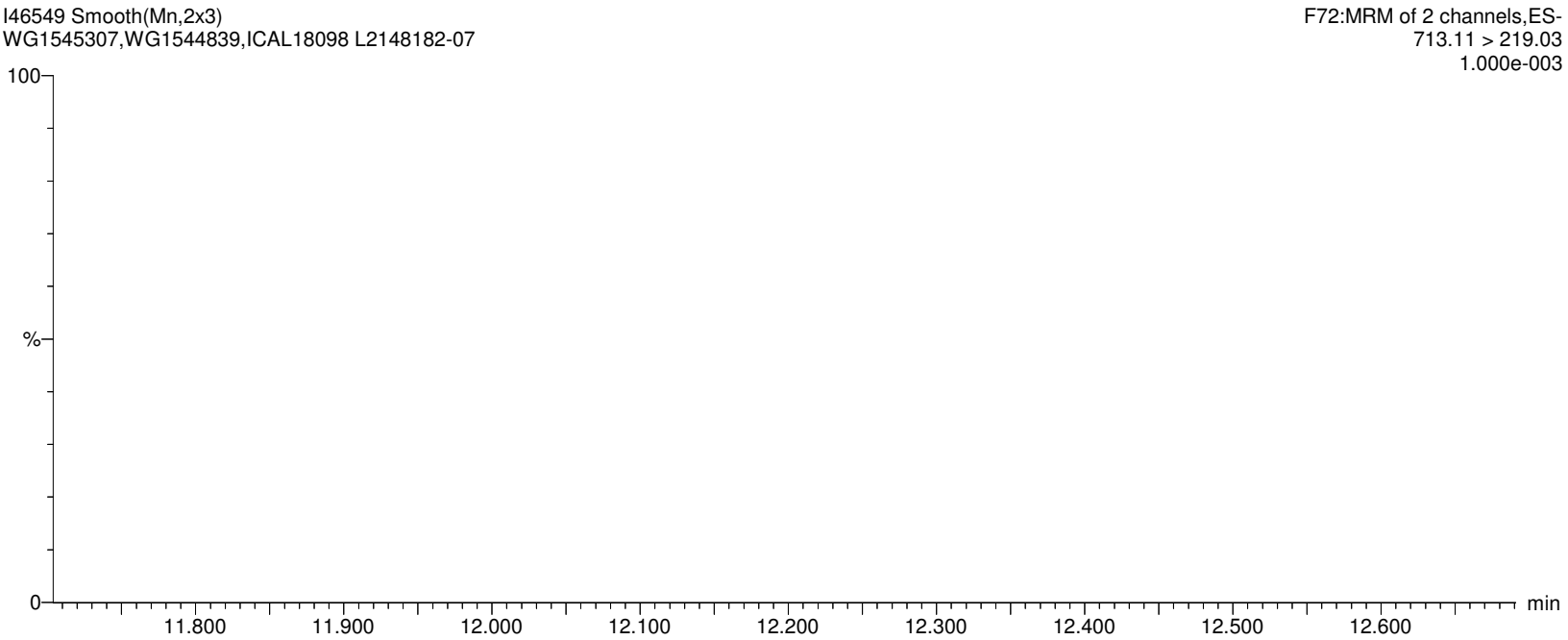
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:11 Eastern Daylight Time

Name: I46549
ID: L2148182-07
Date: 11-Sep-2021
Time: 19:27:56
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTA



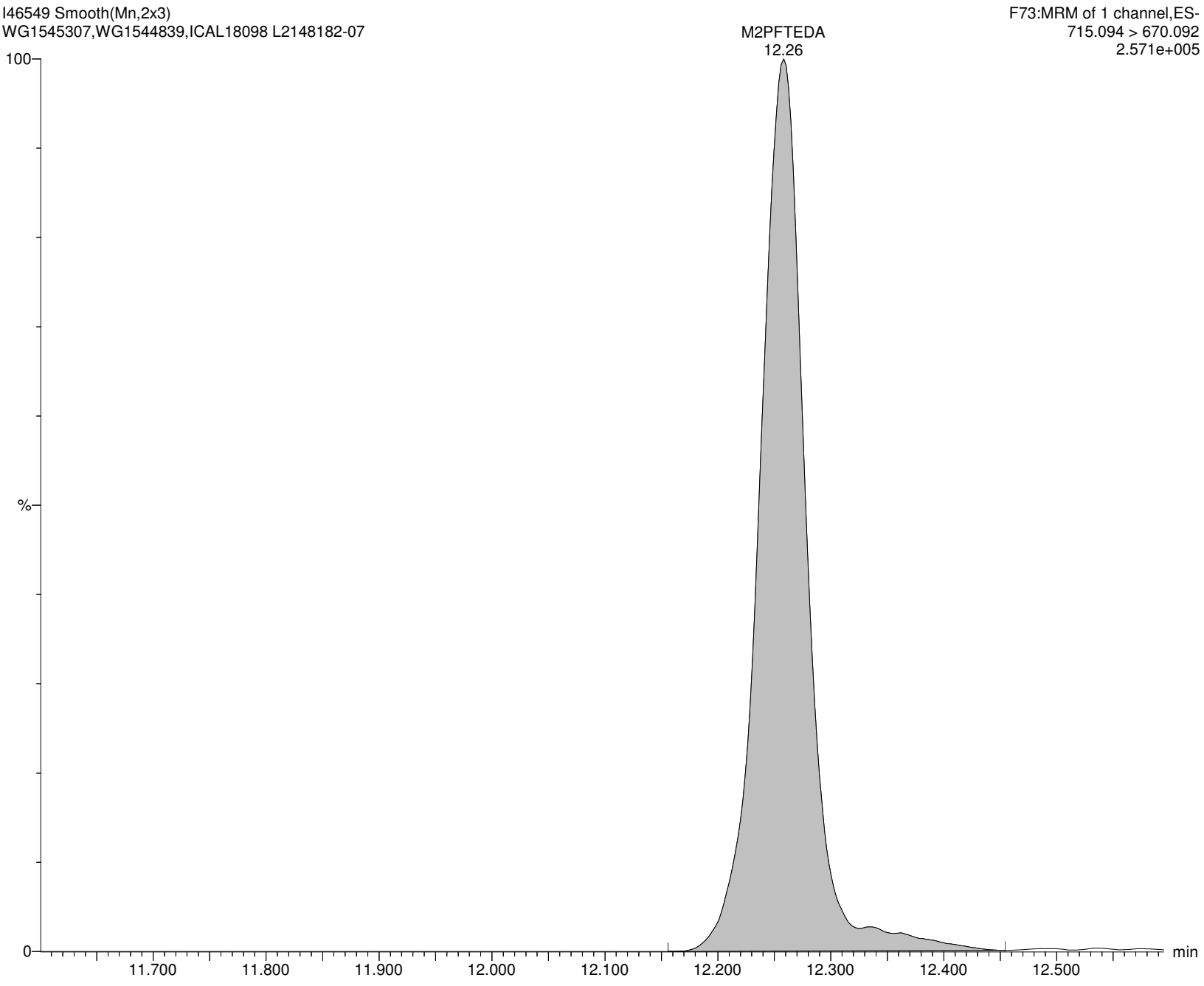


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:11 Eastern Daylight Time

Name: I46549
ID: L2148182-07
Date: 11-Sep-2021
Time: 19:27:56
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFTEDA



all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:12 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210911_537.PRO\MethDB\537ISO_Q_210625_TOP_RT2.mdb 03 Sep 2021 08:44:20
Calibration: C:\MassLynx\Data\2021\210911_537.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

ID: L2148182-08
Name: I46550
Date: 11-Sep-2021
Time: 19:44:30
Description: WG1545307,WG1544839,ICAL18098
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:SG
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4		213.032 > 169.022			ND		na	
2	M3PFBA	INT STD	2.09	216.009 > 171.999	61599		11.733		na	117.3
3	MPFBA	INT STD	2.09	217.001 > 171.999	63332		9.562		na	95.6
4	PFPeA	2706-90-3	4.96	263.039 > 219.03	171		0.024		na	
5	M5PFPEA	INT STD	4.96	268.001 > 222.999	74633		10.269		na	102.7
6	PFBS	375-73-5		299.092 > 80.062			ND		YES	
7	M3PFBS	INT STD	5.61	302.069 > 80.062	12411		8.929		na	89.3
8	4:2FTS	757124-72-4		327.146 > 307.139			ND		YES	
9	M2-4:2FTS	INT STD	6.77	329.13 > 309.124	4991		8.960		na	89.6
10	PFHxA	307-24-4	6.86	313.047 > 269.037	170	M4,M7	0.024	23.35	NO	
11	M5PFHxA	INT STD	6.85	318.009 > 273.007	65752		10.504		na	105.0
12	PFPeS	2706-91-4		349.1 > 80.062			ND		YES	
13	PFHpA	375-85-9	8.12	363.055 > 319.045	107	M4,M7	0.011	6.62	NO	
14	M4PFHpA	INT STD	8.12	367.025 > 322.022	92072		9.866		na	98.7
15	br-PFHxS	355-46-4		399.107 > 80.062			ND		YES	
16	L-PFHxS	355-46-4		399.107 > 80.062			ND		YES	
17	PFHxS	355-46-4		399.107 > 80.062	0		ND		na	
18	M3PFHxS	INT STD	8.28	402.084 > 80.062	14290		9.066		na	90.7
19	br-PFOA	335-67-1	8.84	413.063 > 369.053	55	M5	0.006	17.76	NO	
20	L-PFOA	335-67-1	9.06	413.063 > 369.053	177	M4	0.019	15.84	YES	
21	PFOA	335-67-1		413.063 > 369.053	232		0.025		na	
22	M8PFOA	INT STD	9.06	421.002 > 376.	97333		9.365		na	93.7
23	M2PFOA	INT STD	9.06	415.048 > 370.045	102370		9.666		na	96.7
24	6:2FTS	27619-97-2	9.01	427.161 > 407.155	9	M4,M7	0.018	2.28	NO	
25	M2-6:2FTS	INT STD	9.01	429.146 > 409.14	5144		8.995		na	89.9
26	PFHpS	375-92-8		449.115 > 80.062			ND		YES	
27	PFNA	375-95-1		463.071 > 419.061			ND		YES	
28	M9PFNA	INT STD	9.82	472.002 > 427.	28262		9.467		na	94.7
29	br-PFOS	1763-23-1		499.123 > 80.062			ND		YES	
30	L-PFOS	1763-23-1		499.123 > 80.062			ND		YES	
31	PFOS	1763-23-1		499.123 > 80.062	0		ND		na	
32	M4PFOS	INT STD	9.87	503.093 > 80.062	12599		11.131		na	111.3
33	M8PFOS	INT STD	9.87	507.062 > 80.062	13610		9.641		na	96.4
34	PFDA	335-76-2	10.44	513.078 > 469.069	133	M7	0.020	9.77	YES	
35	M2PFDA	INT STD	10.45	515.053 > 469.934	60739		9.957		na	99.6
36	M6PFDA	INT STD	10.44	519.033 > 474.03	66964		9.713		na	97.1
37	8:2FTS	39108-34-4		527.177 > 507.171			ND		YES	
38	M2-8:2FTS	INT STD	10.44	529.162 > 509.155	3716		8.839		na	88.4
39	PFNS	68259-12-1		549.131 > 80.062			ND		YES	

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:12 Eastern Daylight Time

ID: L2148182-08
Name: I46550
Date: 11-Sep-2021
Time: 19:44:30
Description: WG1545307,WG1544839,ICAL18098
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:SG
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.84	573.22 > 419.061	5209		8.016		na	80.2
41	br-NMeFOSAA			570.202 > 419.061			ND		YES	
42	L-NMeFOSAA		10.85	570.202 > 419.061	10		0.017	1.80	NO	
43	NMeFOSAA	2355-31-9		570.202 > 419.061	10		0.017		na	
44	PFUnA	2058-94-8		563.086 > 519.076			ND		YES	
45	M7-PFUDA	INT STD	10.99	570.033 > 525.031	63947		9.946		na	99.5
46	PFDS	335-77-3		599.139 > 80.062			ND		YES	
47	FOSA	754-91-6	10.93	498.146 > 78.07	18	M2	0.011		YES	
48	M8FOSA	INT STD	10.92	506.077 > 78.07	20220		5.417		na	54.2
49	br-NEtFOSAA			584.229 > 419.061			ND		YES	
50	L-NEtFOSAA		11.16	584.229 > 419.061	6		0.013	1.12	NO	
51	NEtFOSAA	2991-50-6		584.229 > 419.061	6		0.013		na	
52	d5-NEtFOSAA	INT STD	11.13	589.259 > 419.061	4679		8.714		na	87.1
53	PFDoA	307-55-1		613.094 > 569.084			ND		YES	
54	MPFDOA	INT STD	11.47	615.079 > 570.077	57867		9.329		na	93.3
55	PFTrDA	72629-94-8		663.102 > 619.092			ND		YES	
56	PFTA	376-06-7		713.11 > 669.1			ND		YES	
57	M2PFTEDA	INT STD	12.26	715.094 > 670.092	15557		7.996		na	80.0

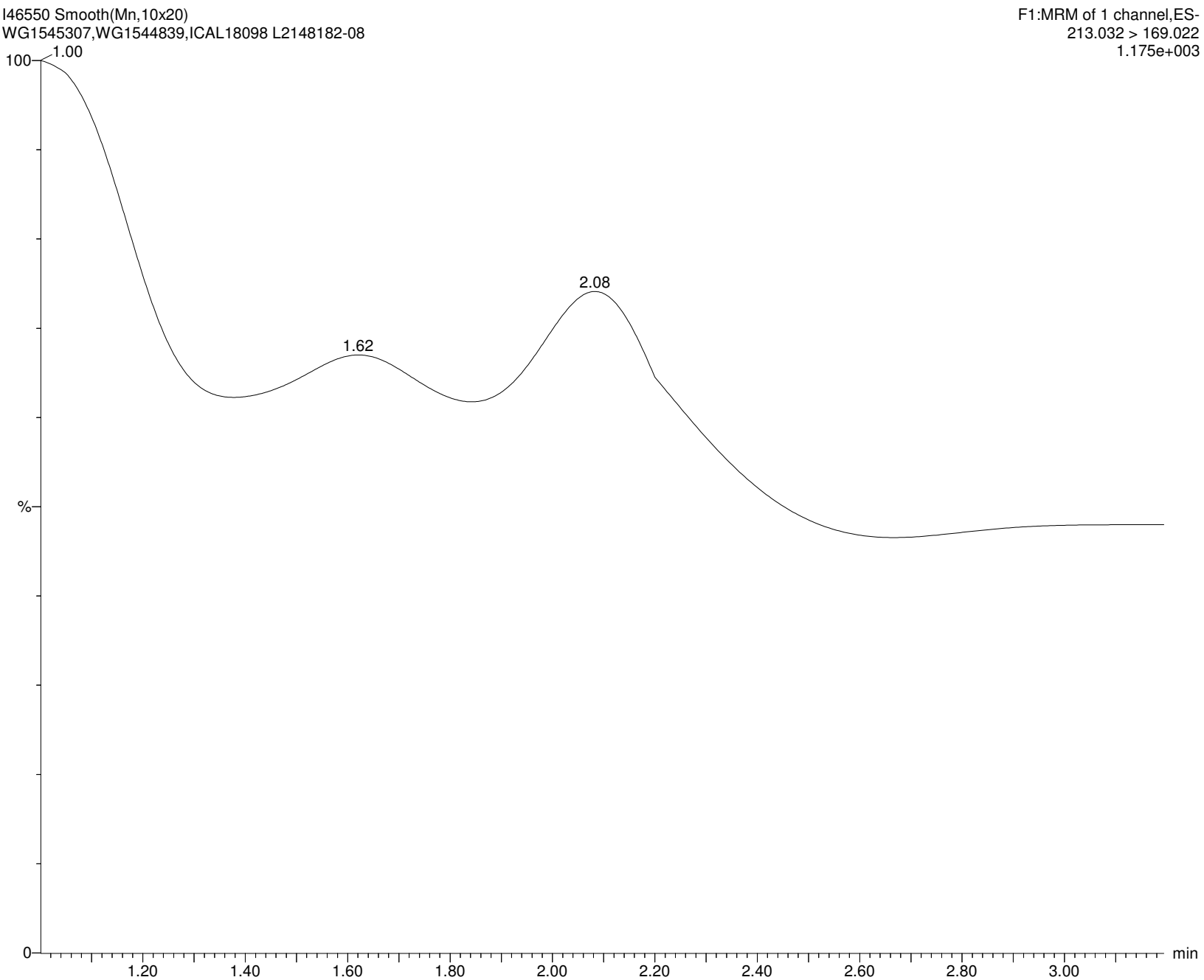
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:12 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210911_537.PRO\MethDB\537ISO_Q_210625_TOP_RT2.mdb 03 Sep 2021 08:44:20
Calibration: C:\MassLynx\Data\2021\210911_537.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

Name: I46550
ID: L2148182-08
Date: 11-Sep-2021
Time: 19:44:30
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBA

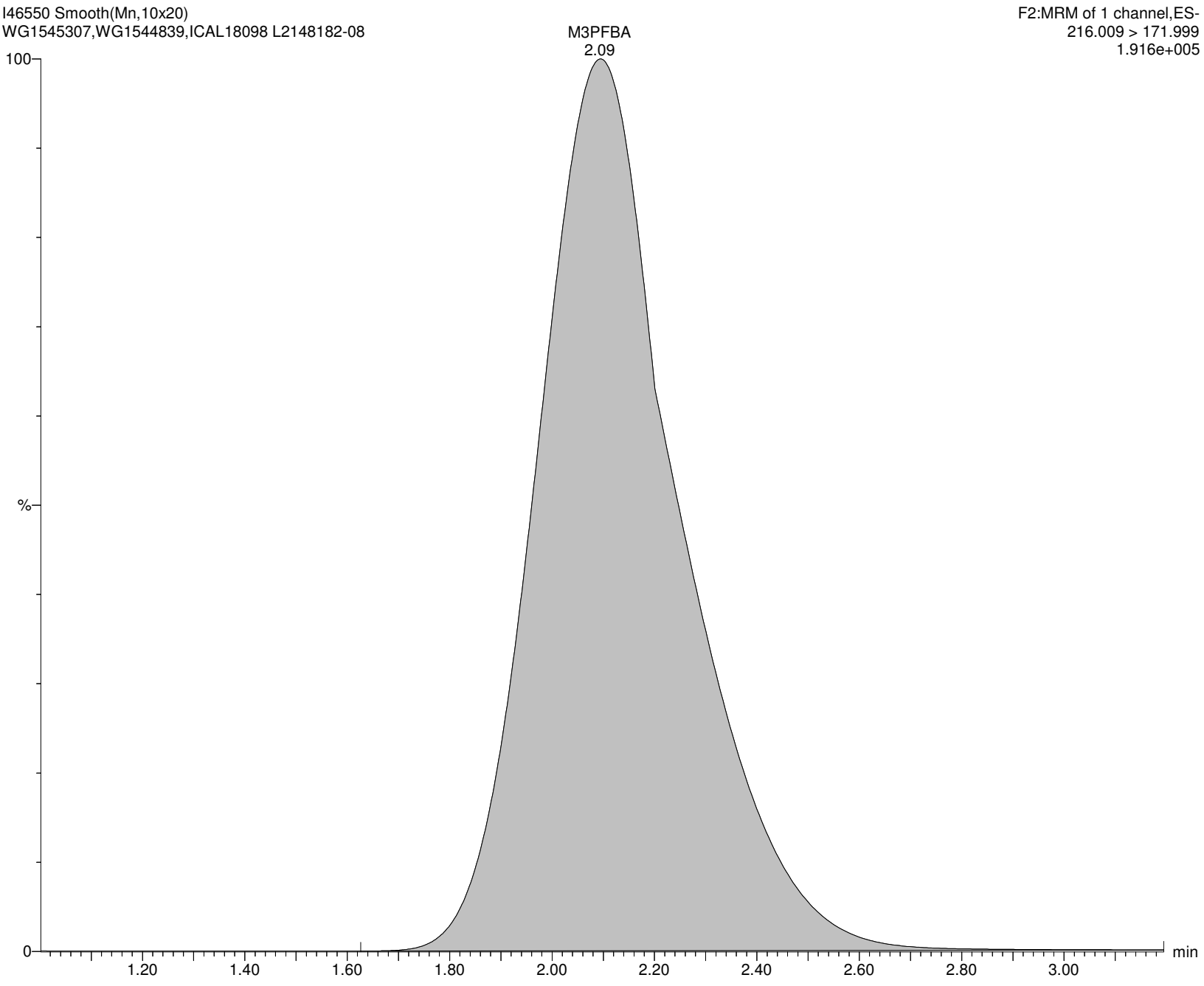


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:12 Eastern Daylight Time

Name: I46550
ID: L2148182-08
Date: 11-Sep-2021
Time: 19:44:30
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBA

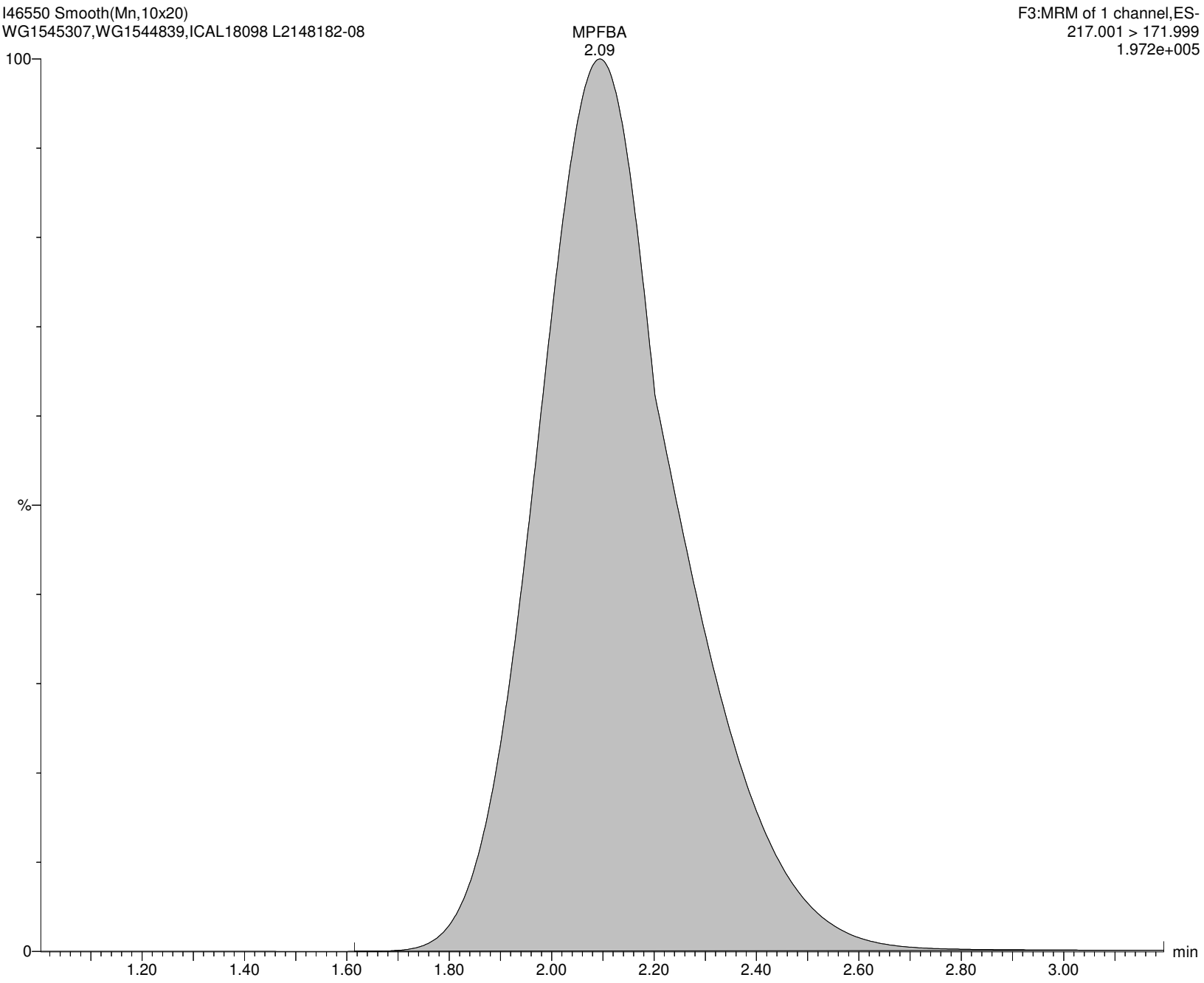


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:12 Eastern Daylight Time

Name: I46550
ID: L2148182-08
Date: 11-Sep-2021
Time: 19:44:30
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFBA

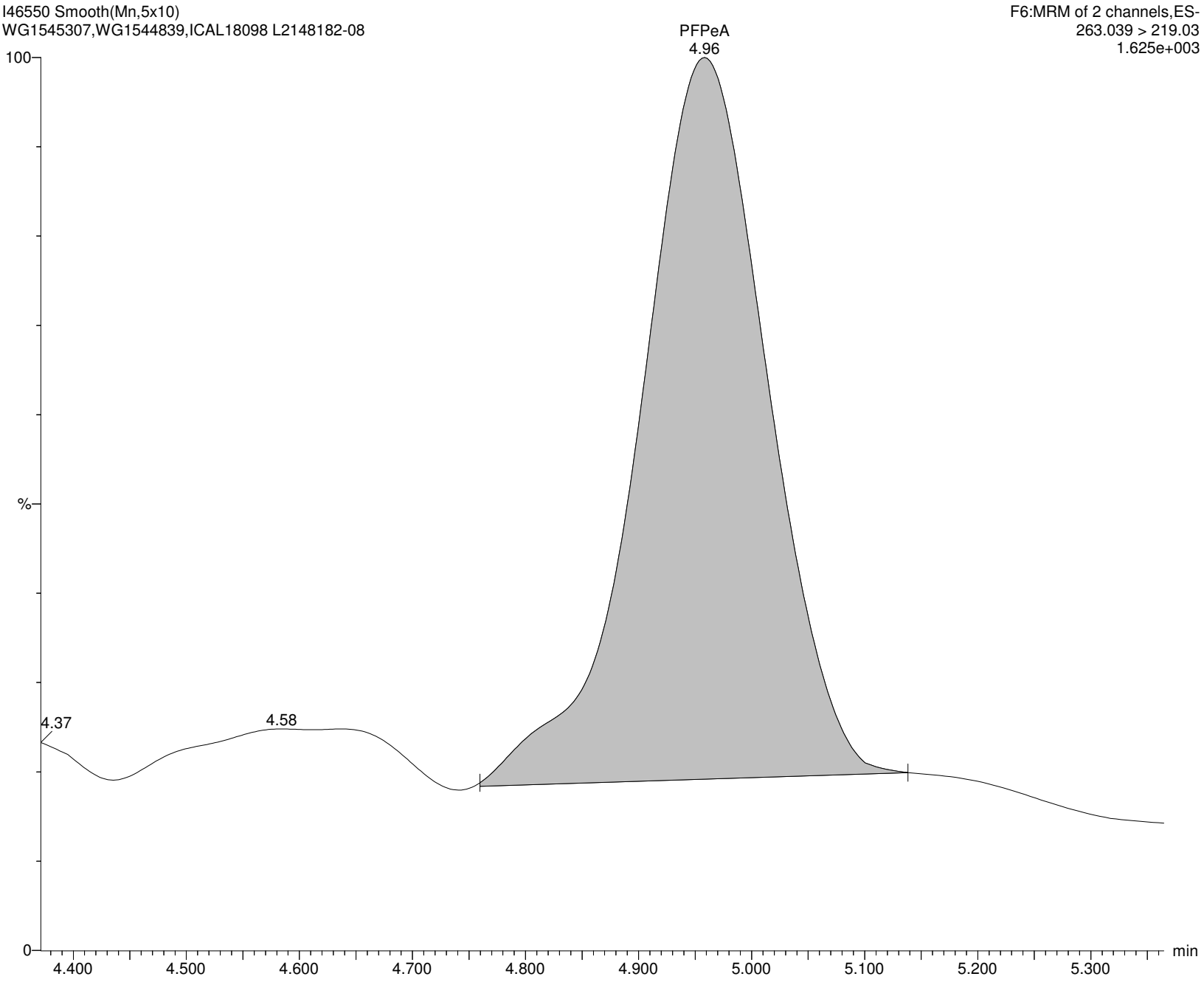


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:12 Eastern Daylight Time

Name: I46550
ID: L2148182-08
Date: 11-Sep-2021
Time: 19:44:30
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeA

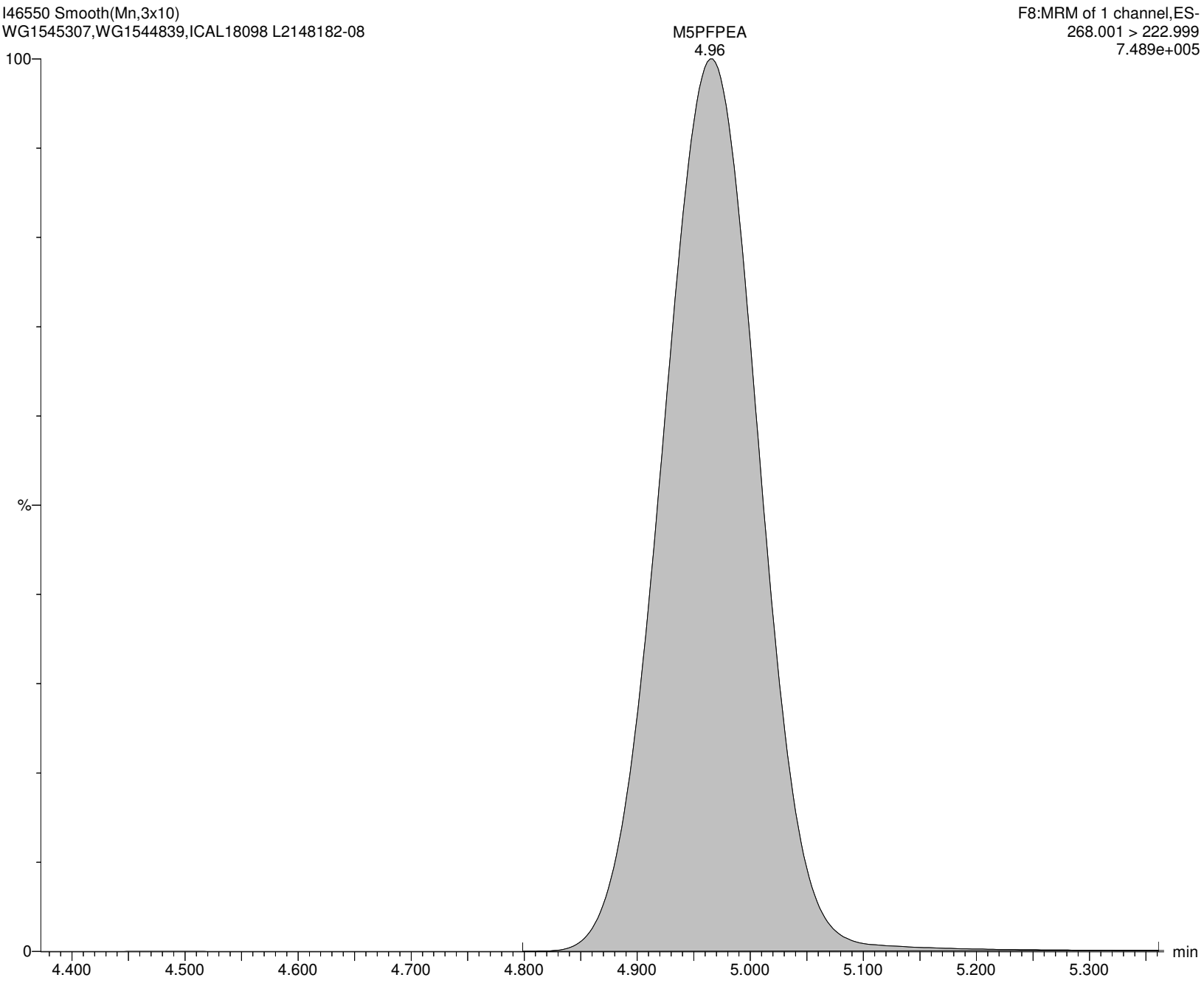


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:12 Eastern Daylight Time

Name: I46550
ID: L2148182-08
Date: 11-Sep-2021
Time: 19:44:30
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFPEA

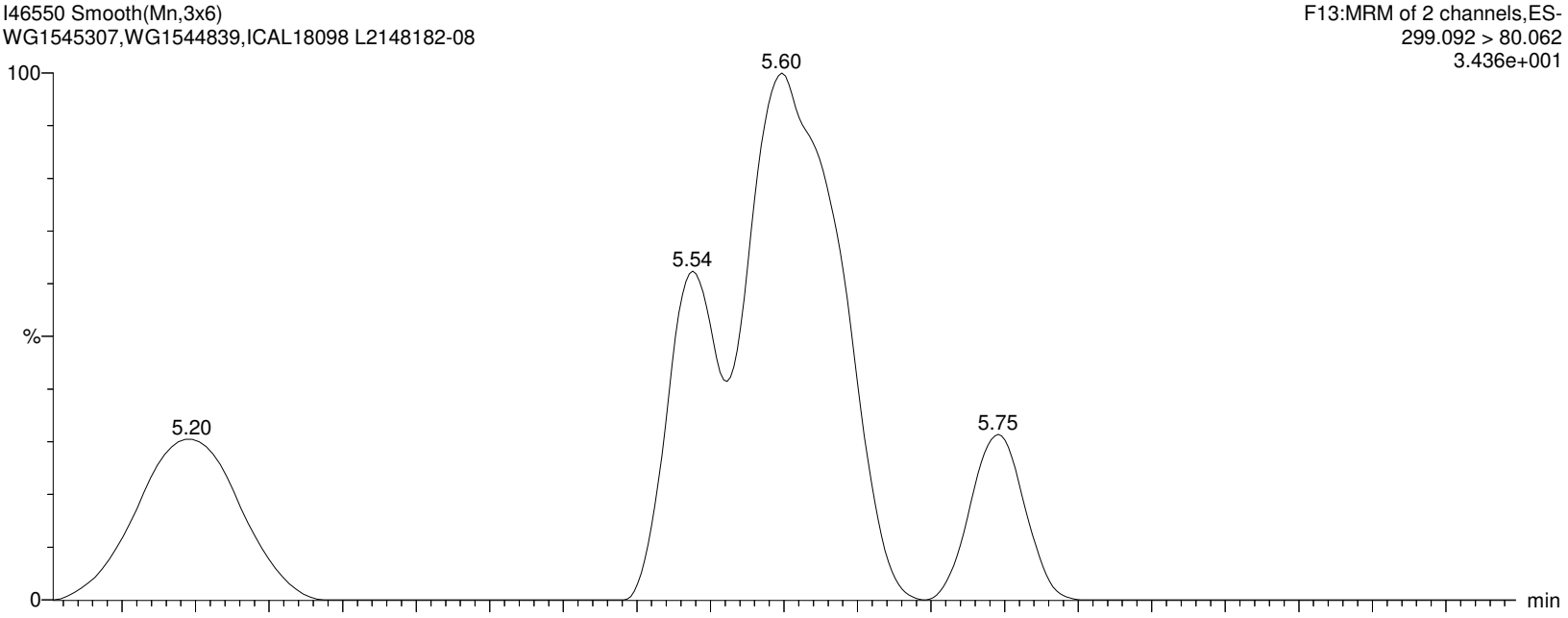


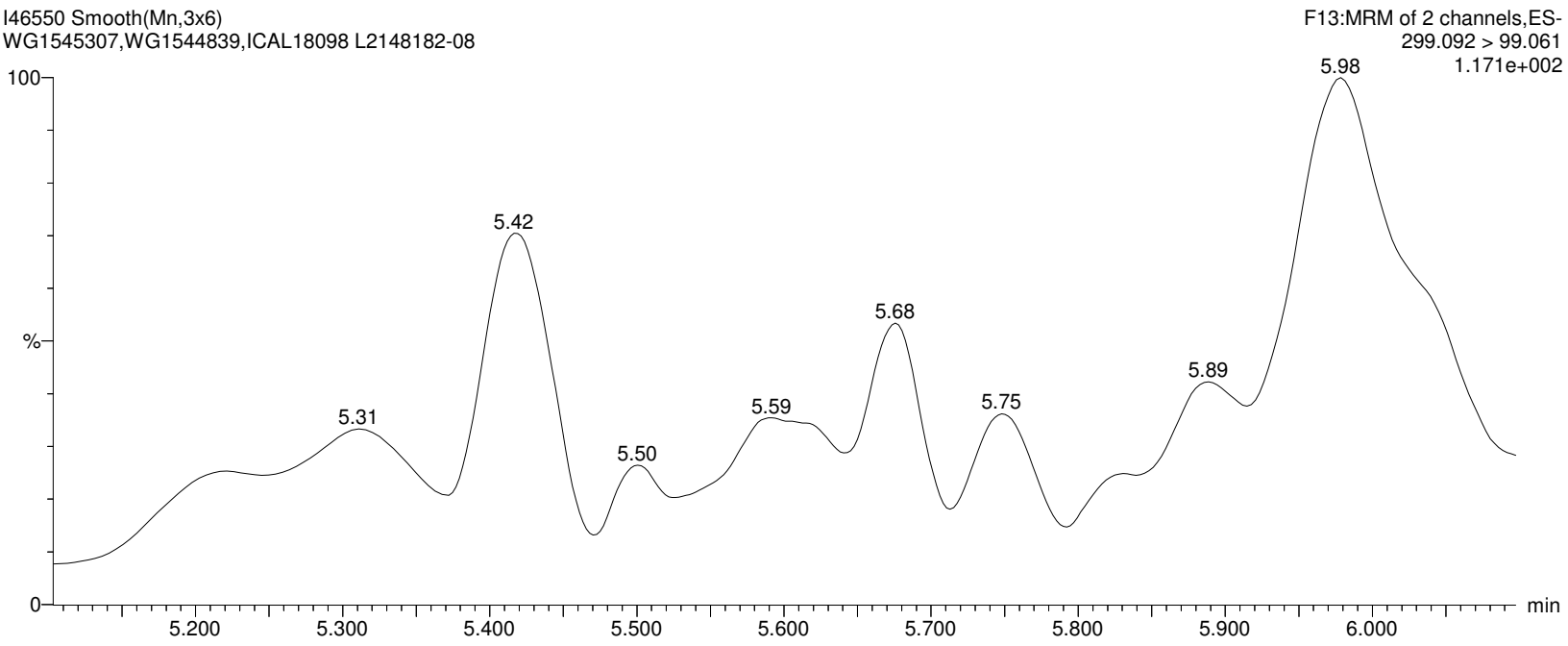
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:12 Eastern Daylight Time

Name: I46550
ID: L2148182-08
Date: 11-Sep-2021
Time: 19:44:30
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBS



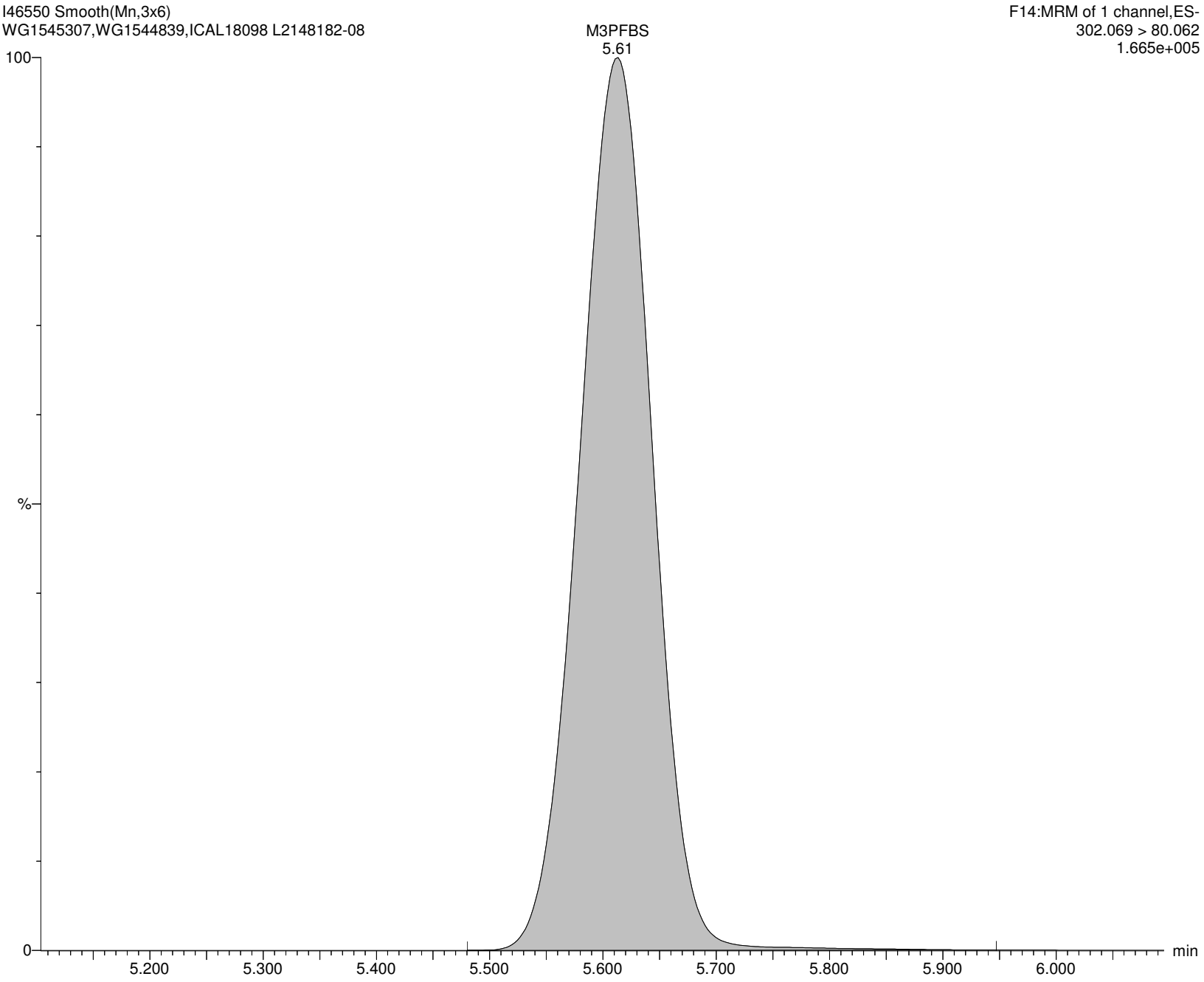


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:12 Eastern Daylight Time

Name: I46550
ID: L2148182-08
Date: 11-Sep-2021
Time: 19:44:30
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBS

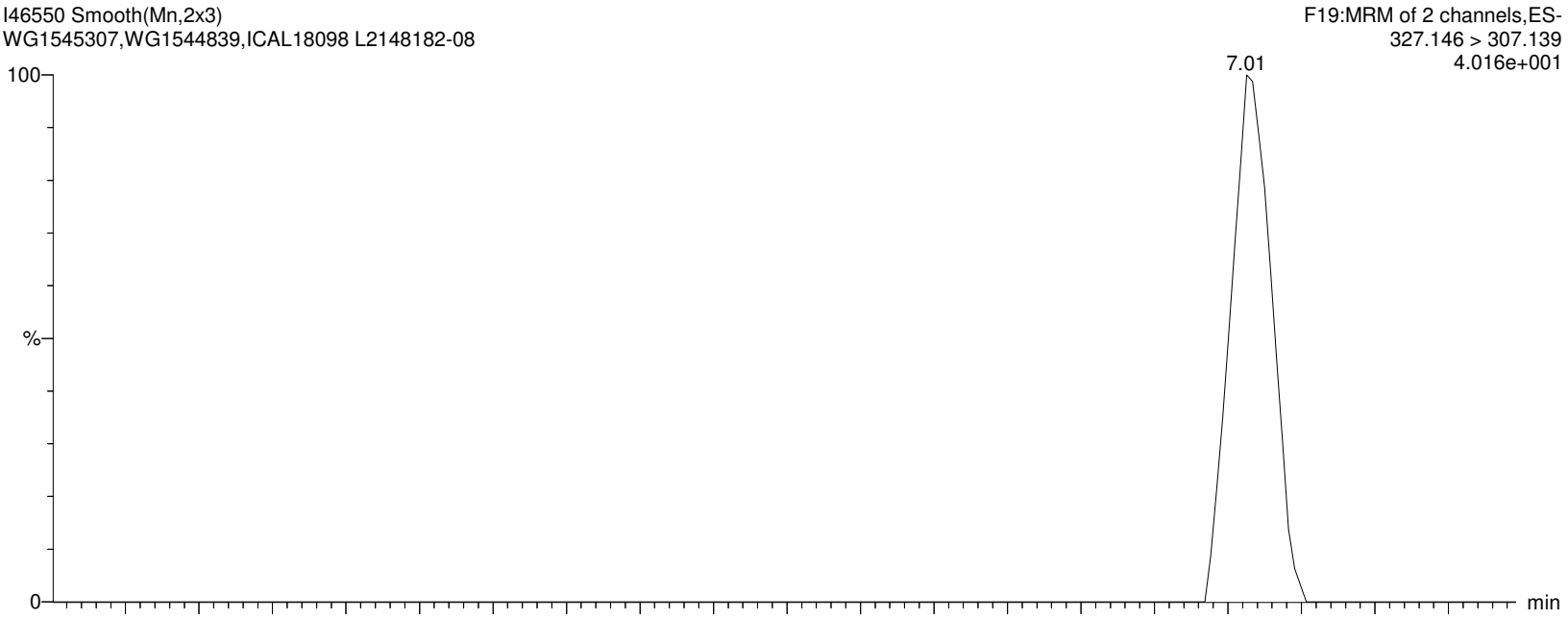


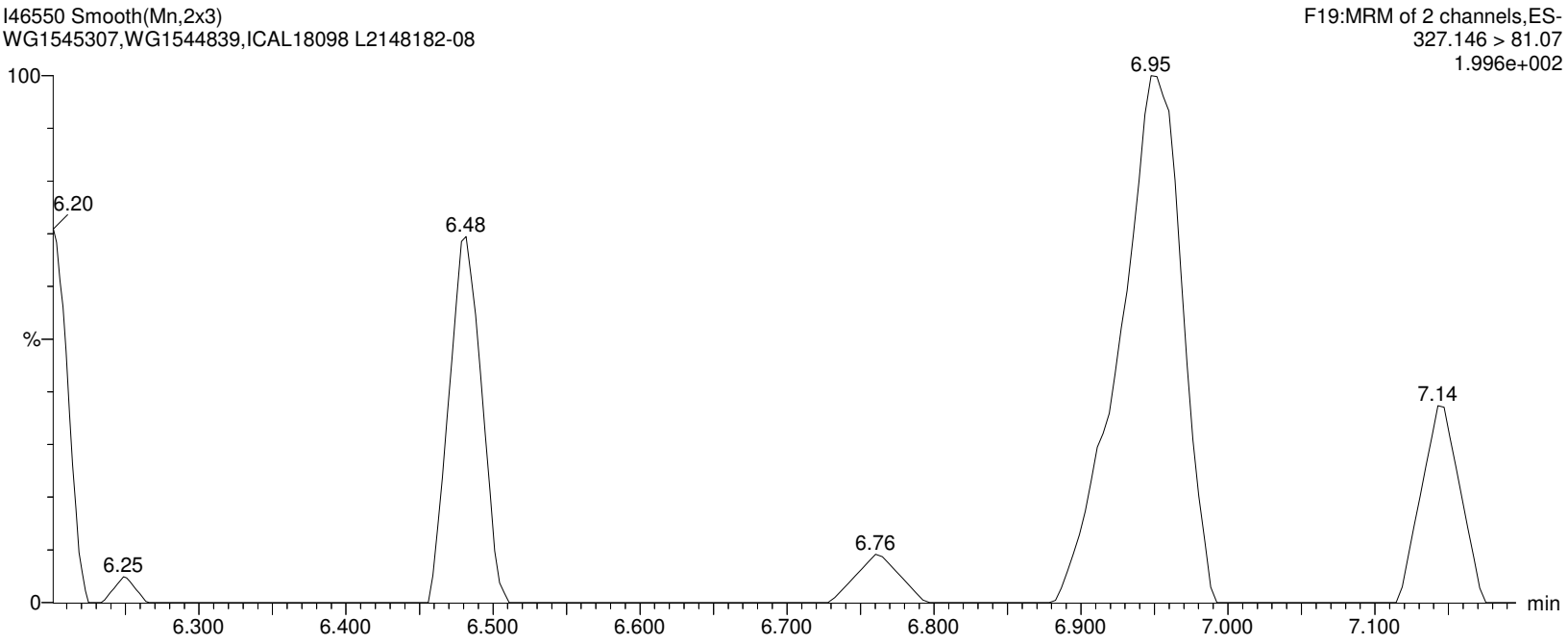
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:12 Eastern Daylight Time

Name: I46550
ID: L2148182-08
Date: 11-Sep-2021
Time: 19:44:30
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

4:2FTS



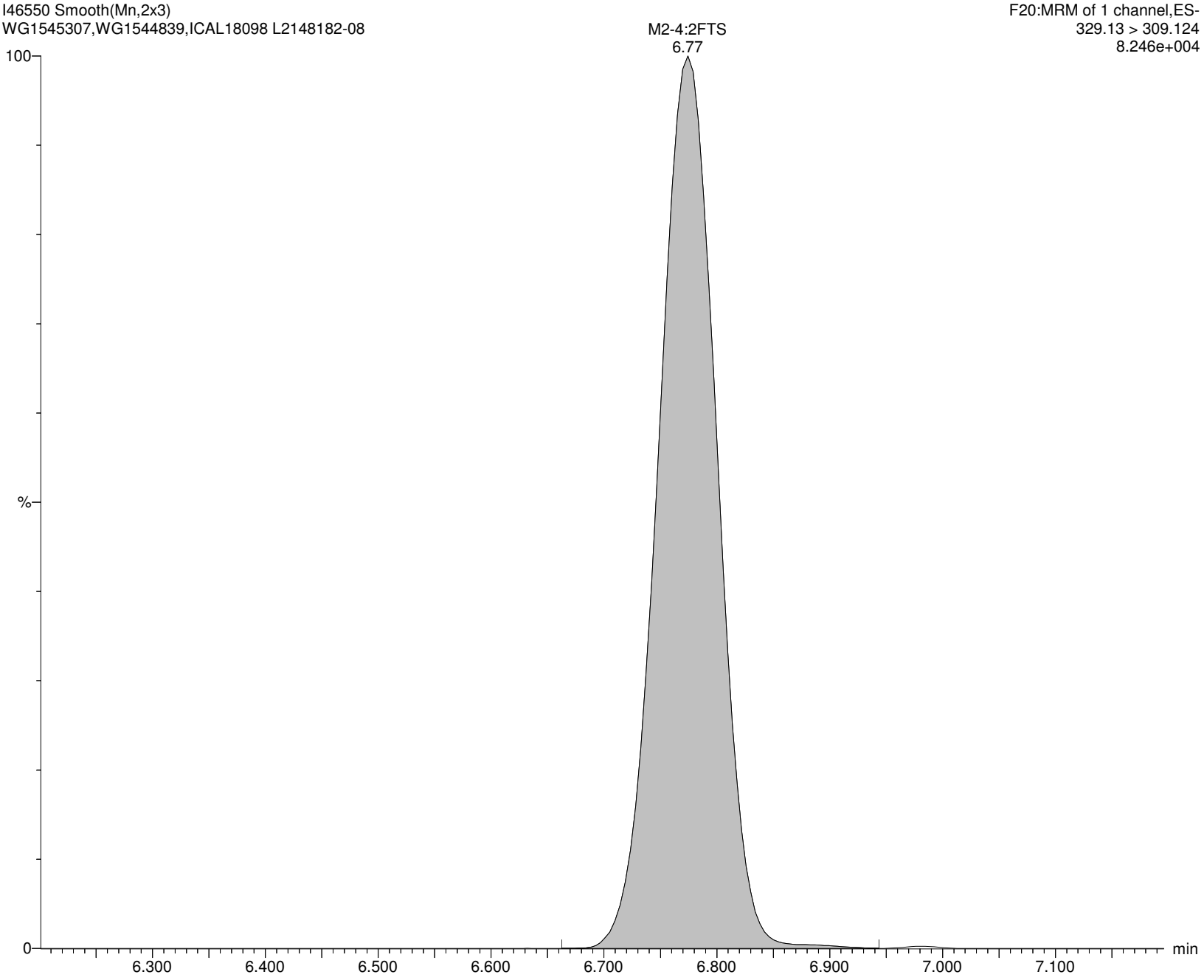


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:12 Eastern Daylight Time

Name: I46550
ID: L2148182-08
Date: 11-Sep-2021
Time: 19:44:30
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-4:2FTS

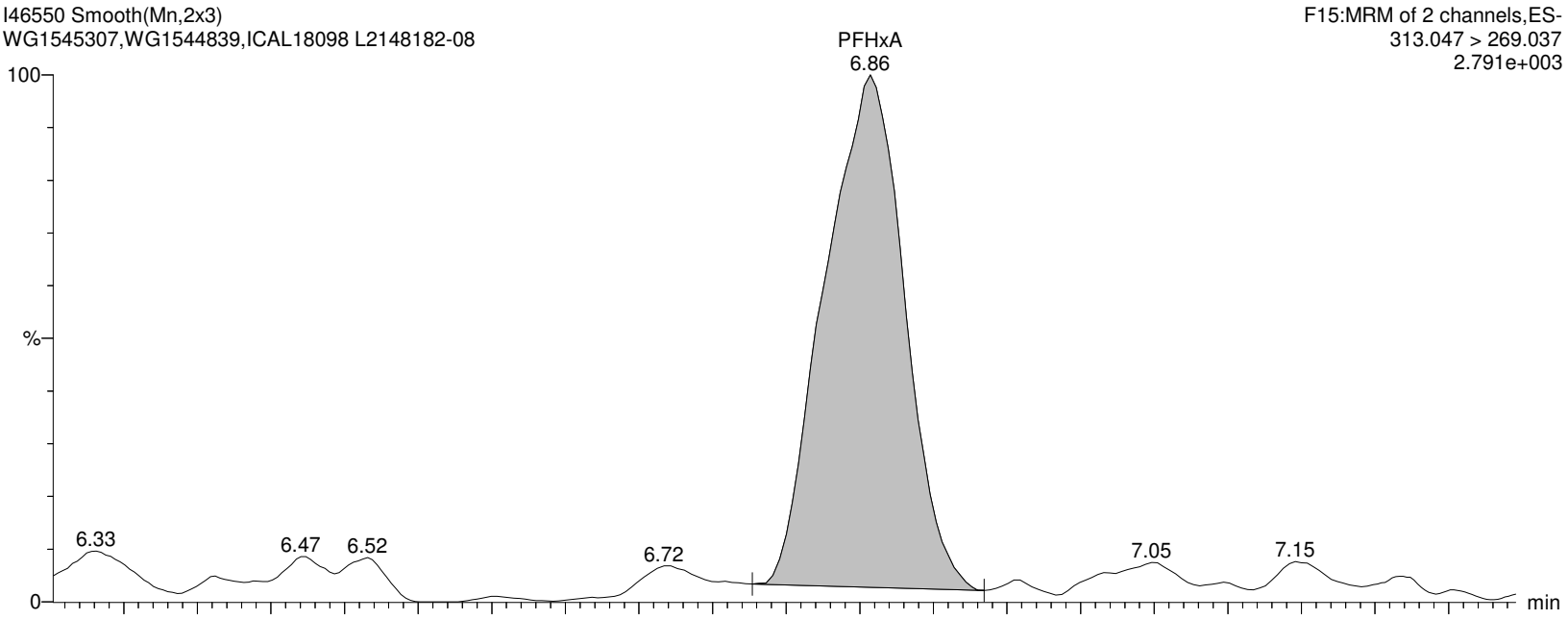


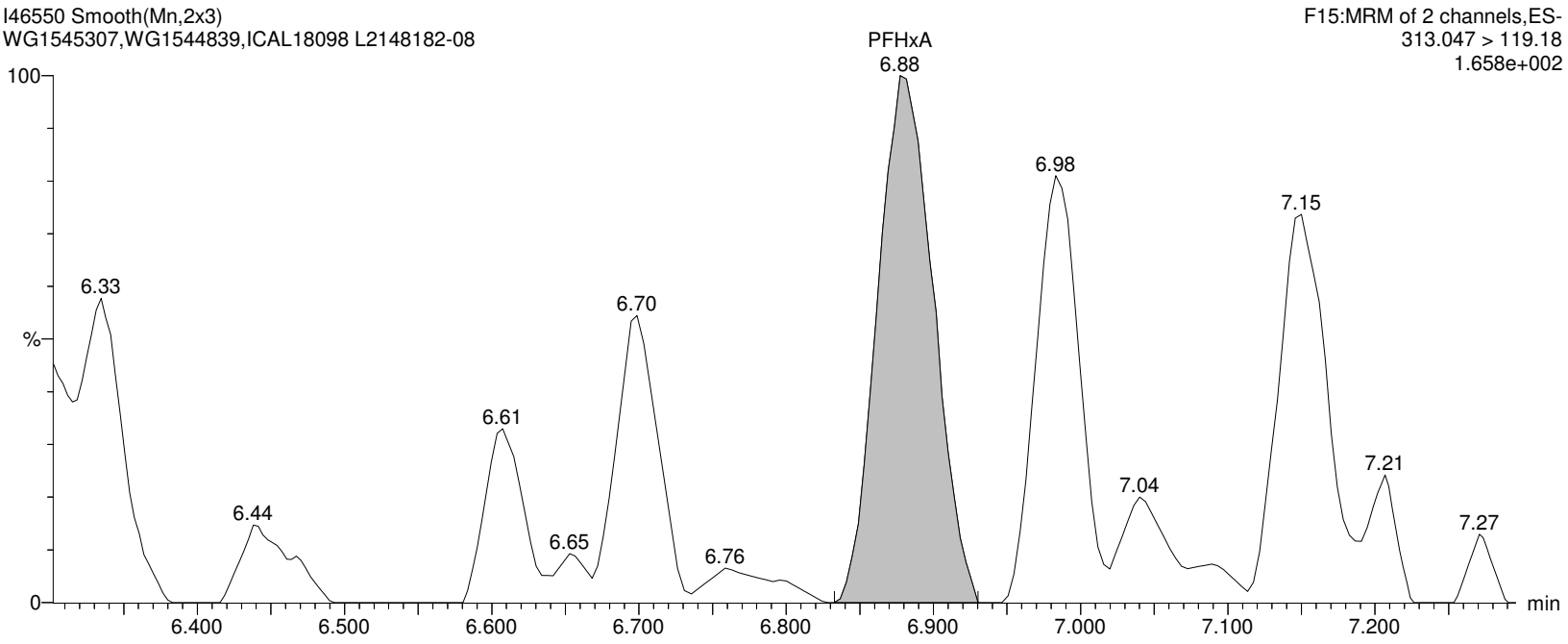
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:12 Eastern Daylight Time

Name: I46550
ID: L2148182-08
Date: 11-Sep-2021
Time: 19:44:30
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxA



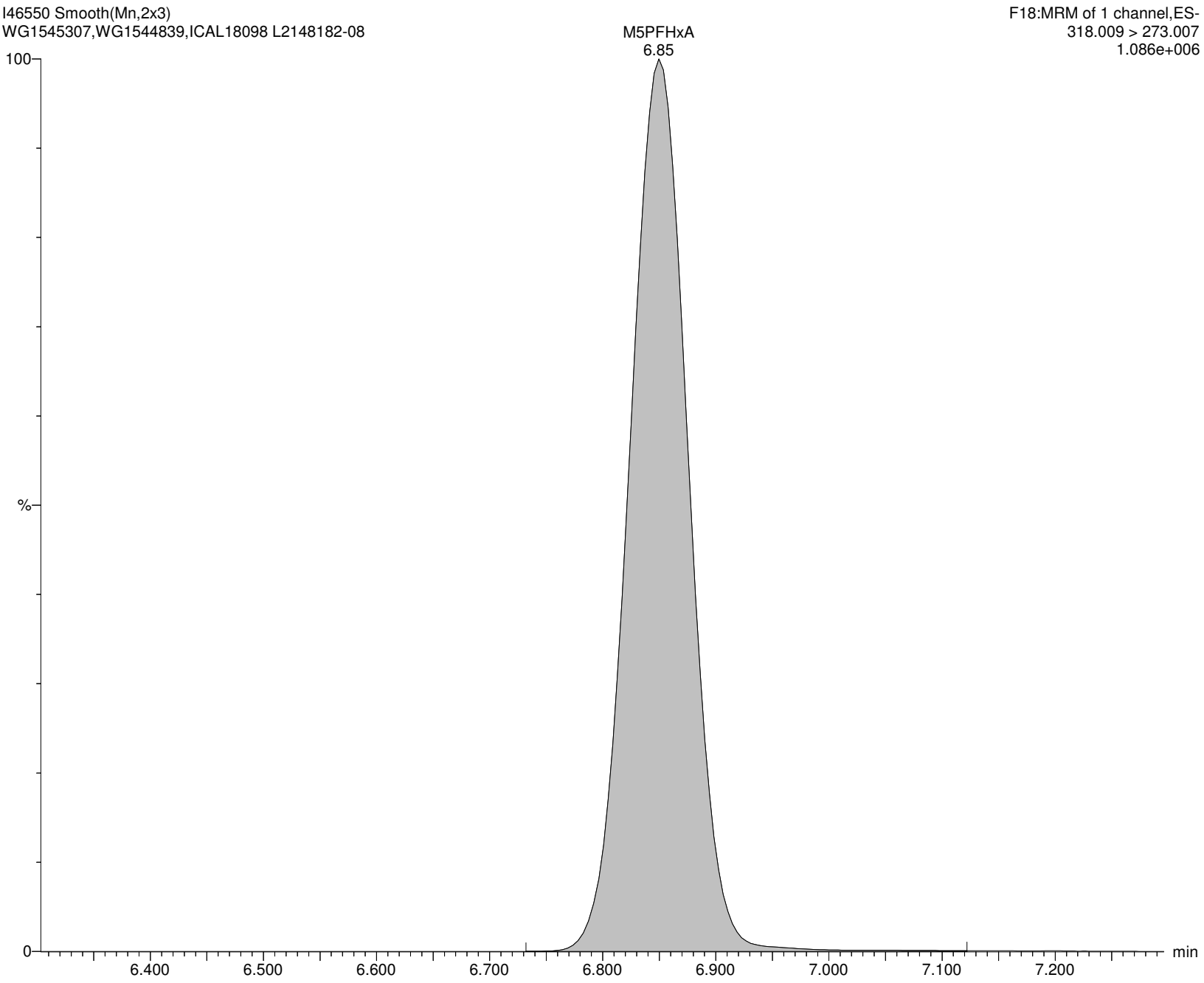


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:12 Eastern Daylight Time

Name: I46550
ID: L2148182-08
Date: 11-Sep-2021
Time: 19:44:30
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFHxA

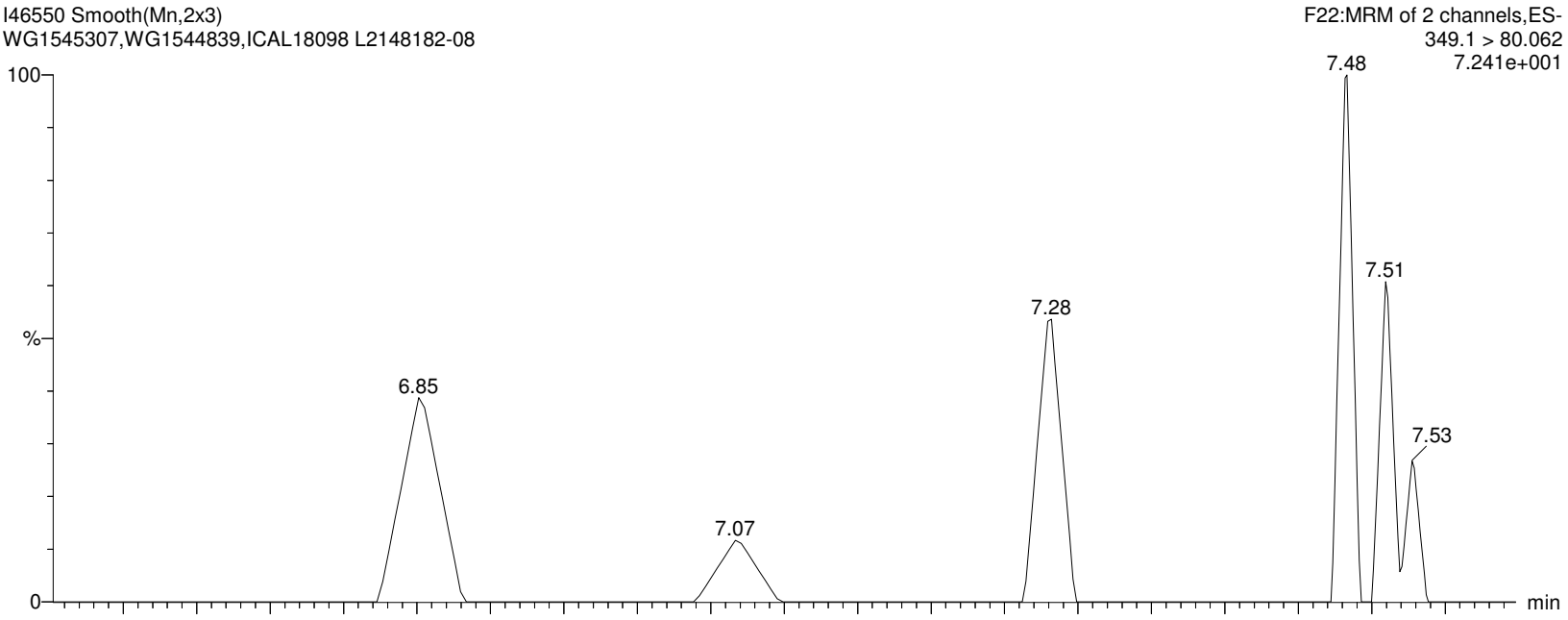


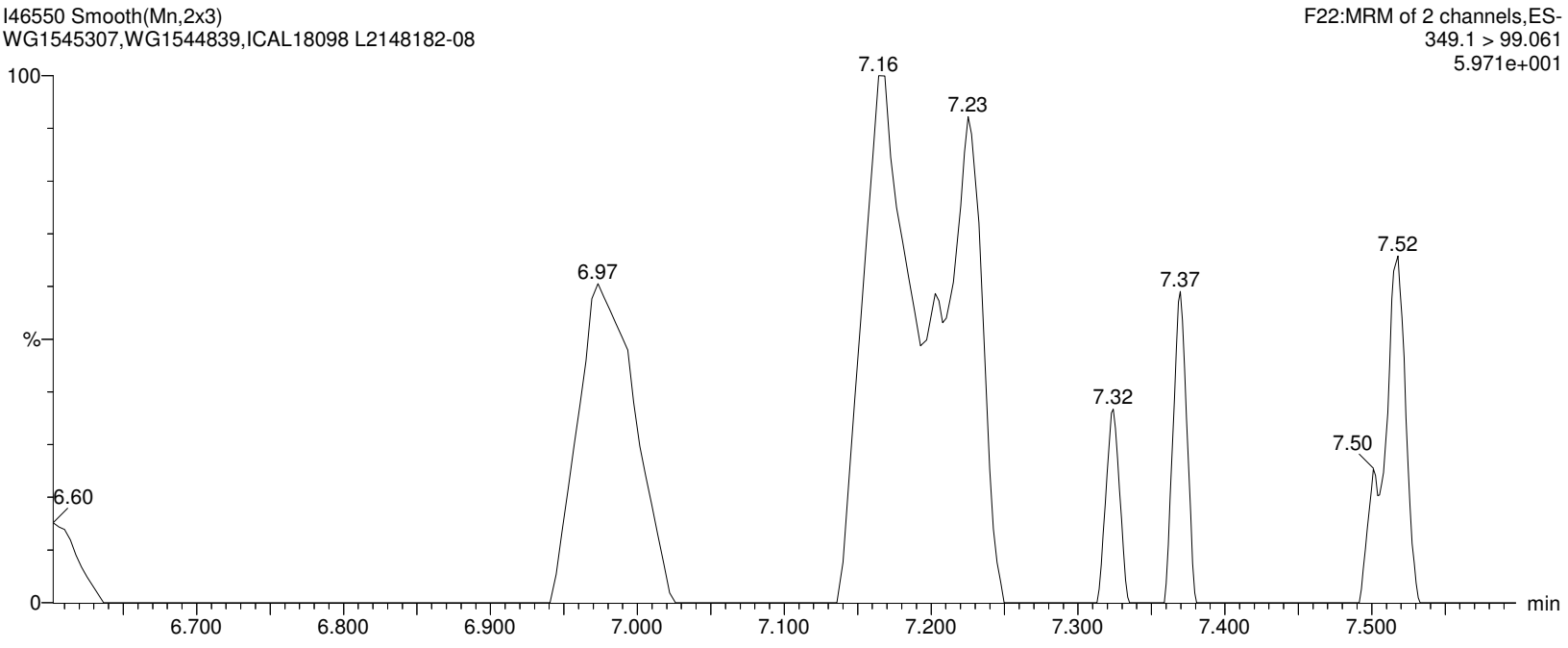
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:12 Eastern Daylight Time

Name: I46550
ID: L2148182-08
Date: 11-Sep-2021
Time: 19:44:30
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeS



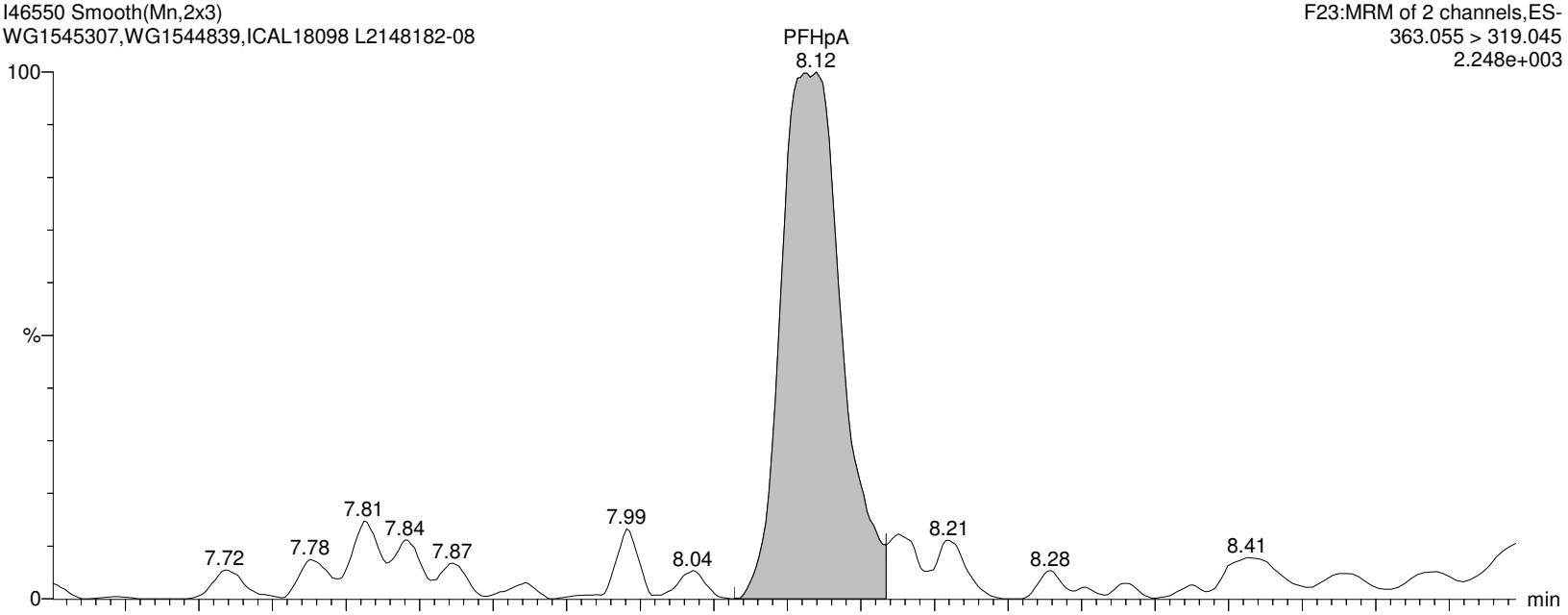


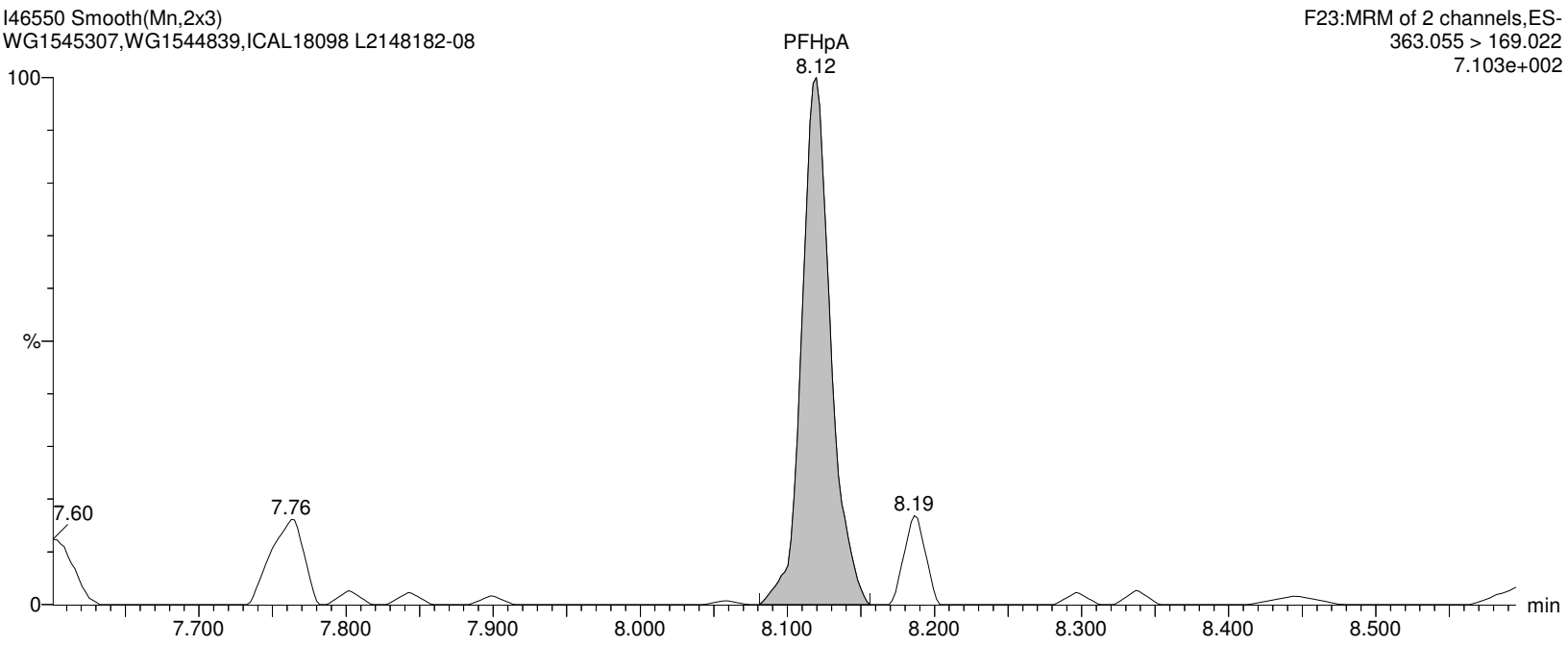
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:12 Eastern Daylight Time

Name: I46550
ID: L2148182-08
Date: 11-Sep-2021
Time: 19:44:30
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpA



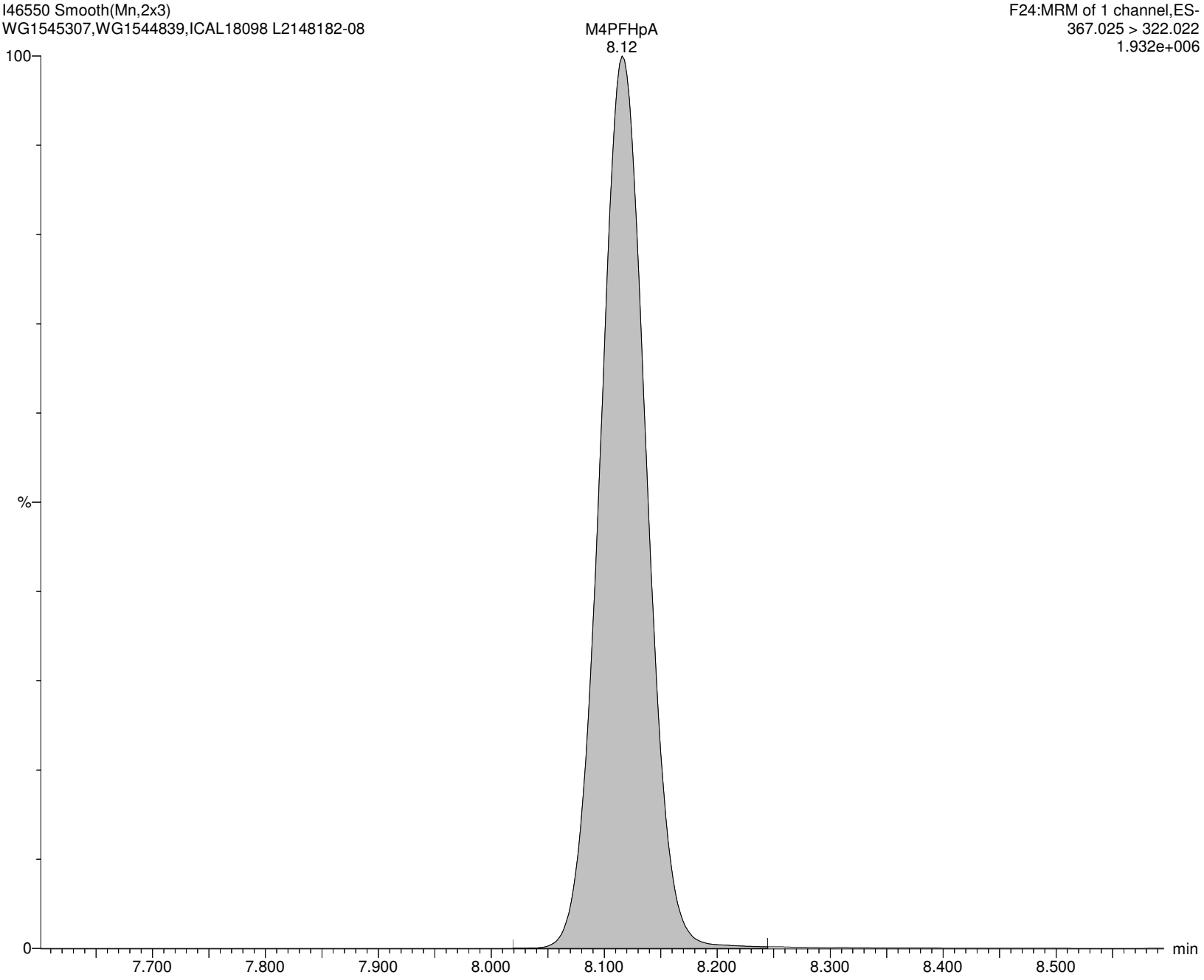


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:12 Eastern Daylight Time

Name: I46550
ID: L2148182-08
Date: 11-Sep-2021
Time: 19:44:30
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFHpA

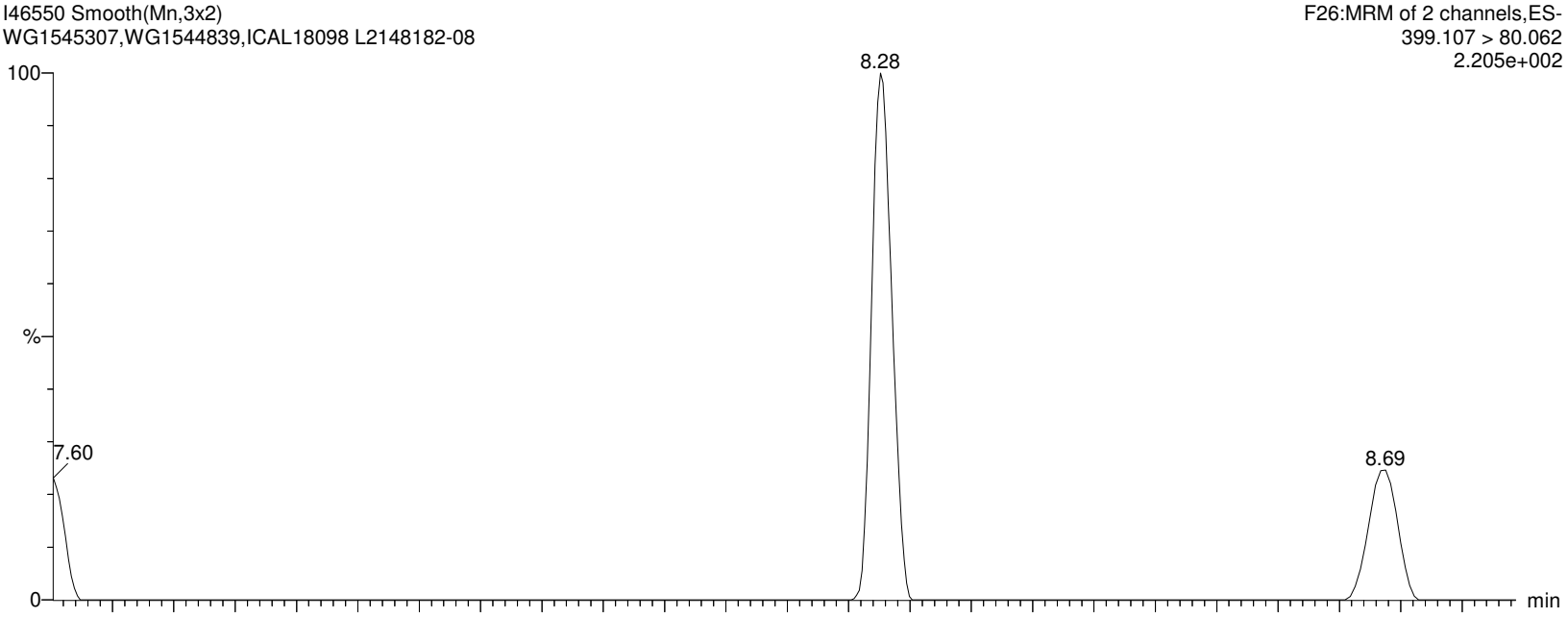


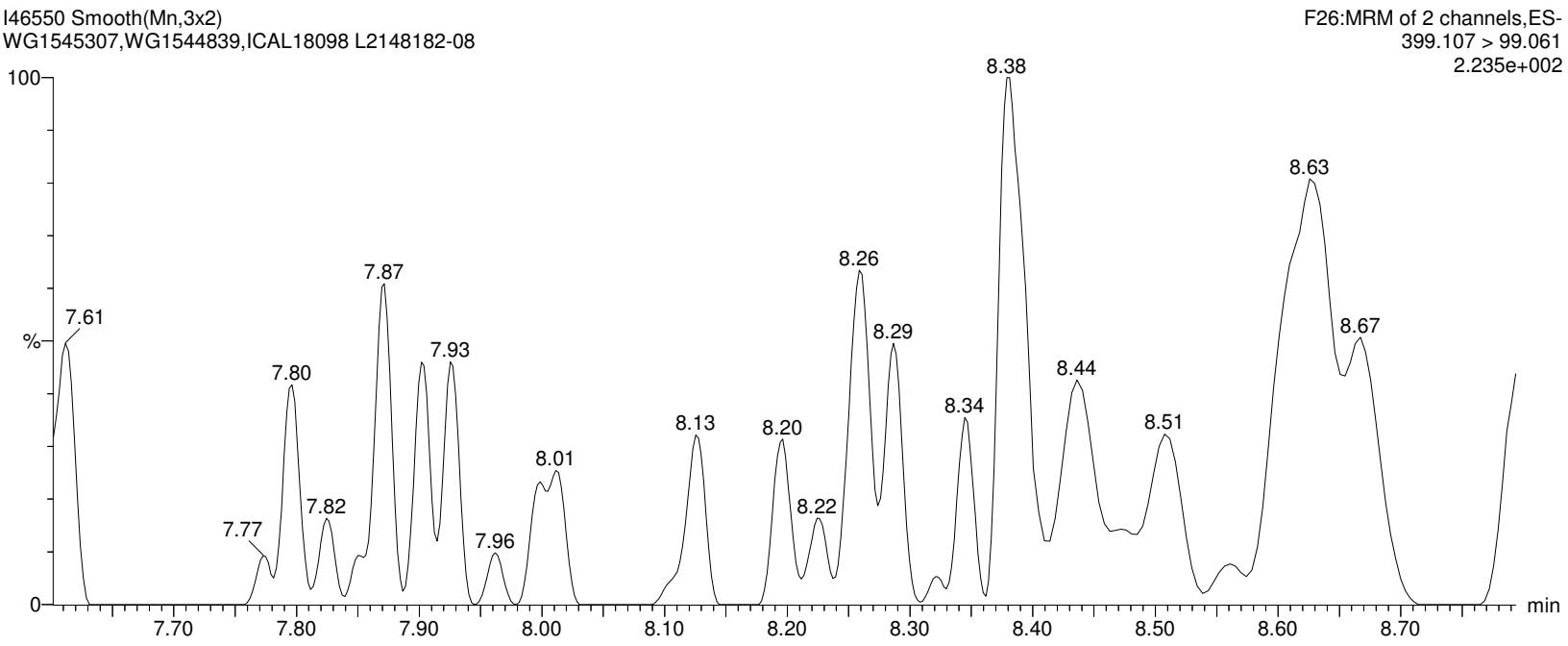
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:12 Eastern Daylight Time

Name: I46550
ID: L2148182-08
Date: 11-Sep-2021
Time: 19:44:30
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFHxS



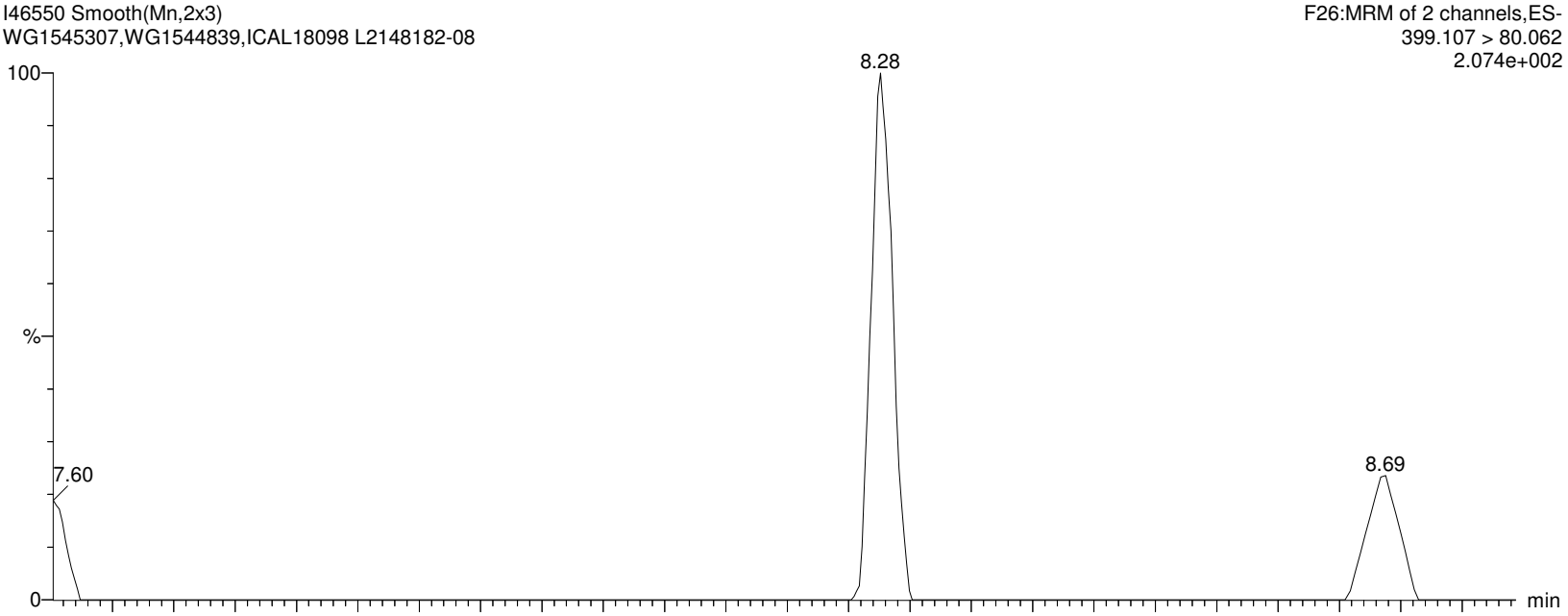


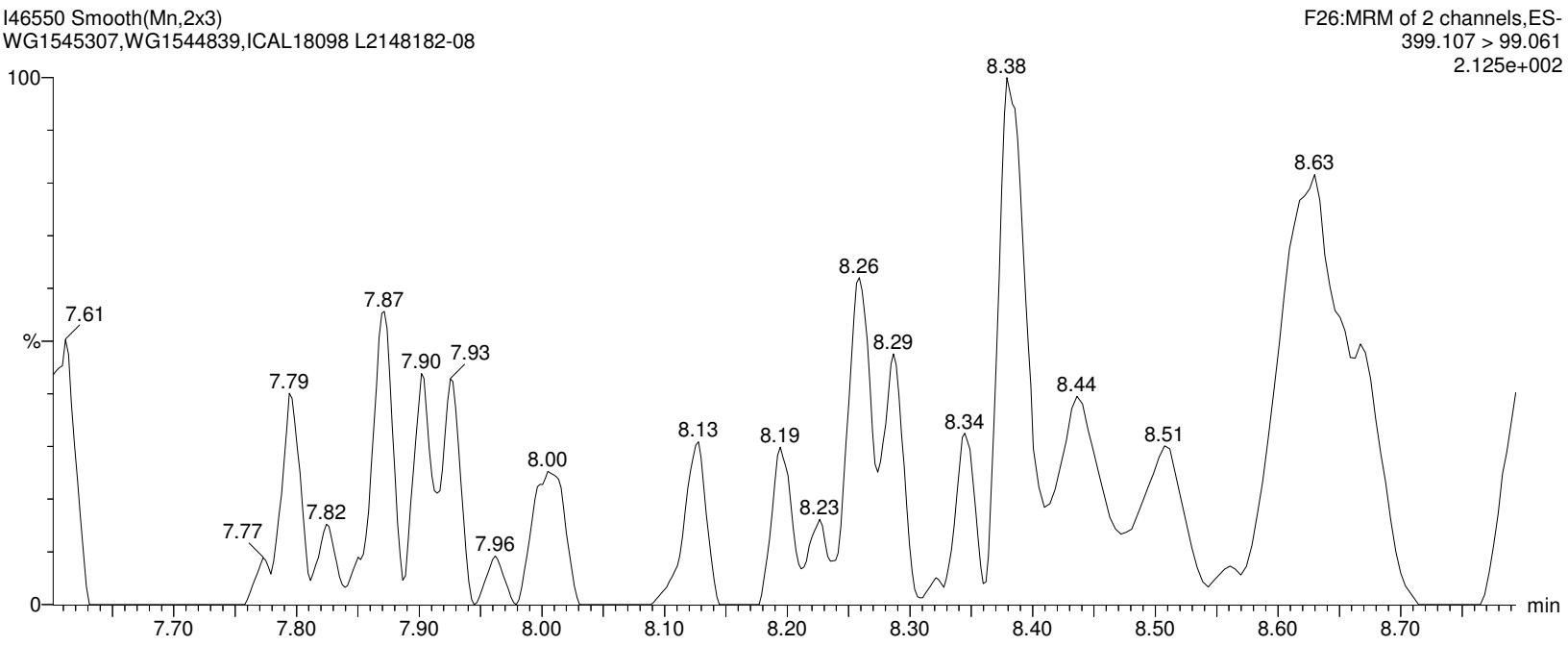
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:12 Eastern Daylight Time

Name: I46550
ID: L2148182-08
Date: 11-Sep-2021
Time: 19:44:30
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFHxS



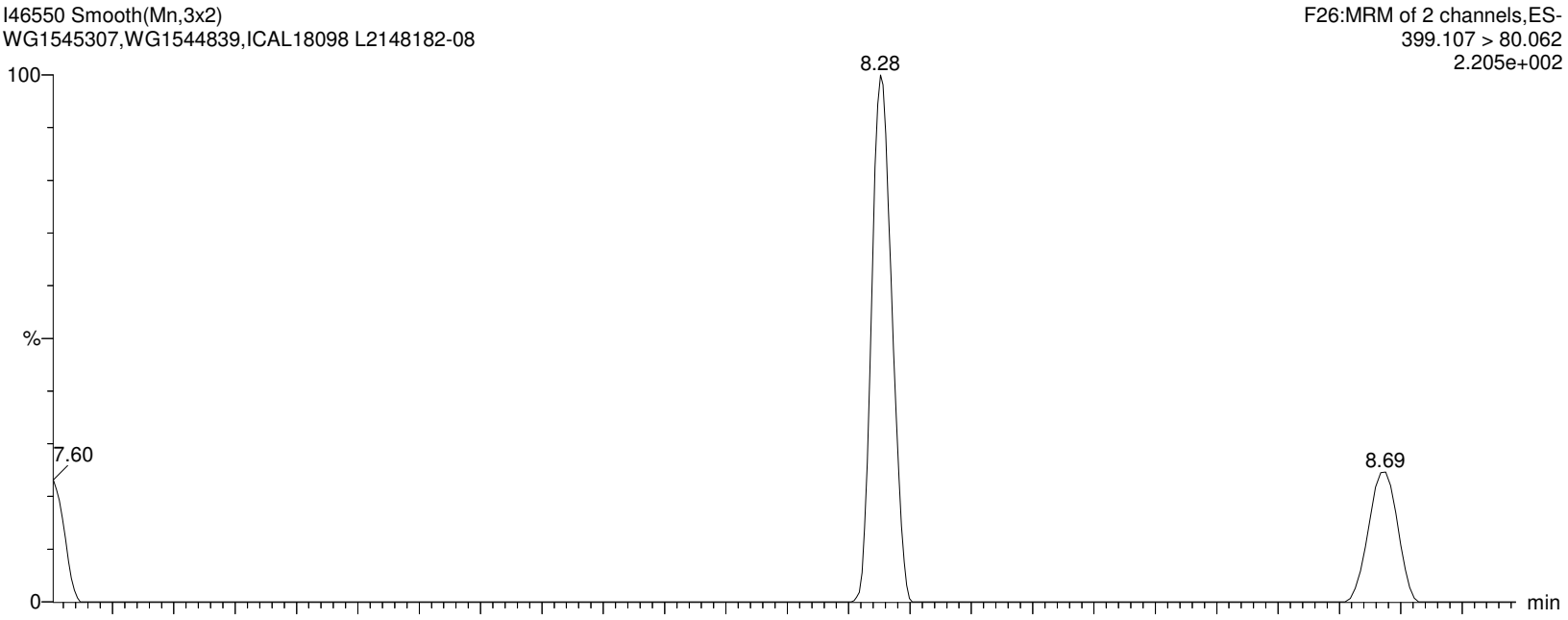


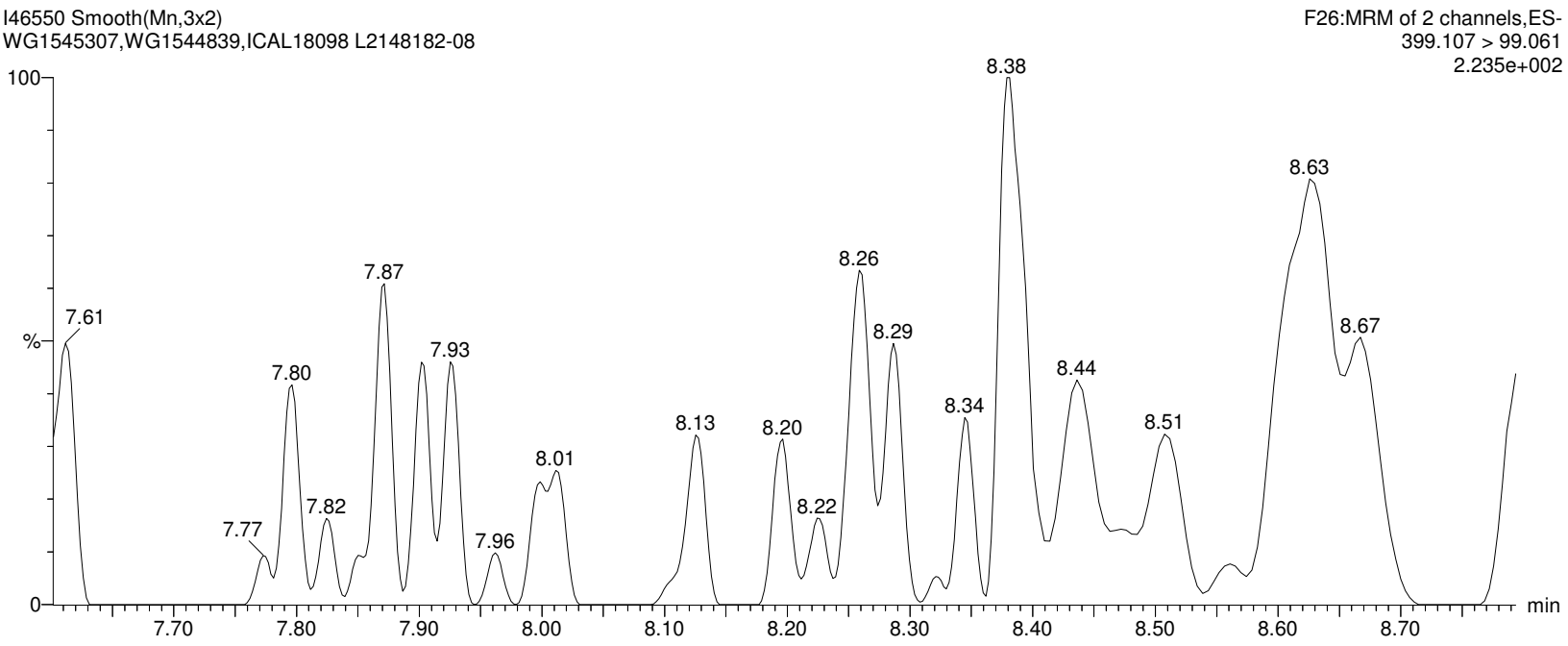
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:12 Eastern Daylight Time

Name: I46550
ID: L2148182-08
Date: 11-Sep-2021
Time: 19:44:30
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxS



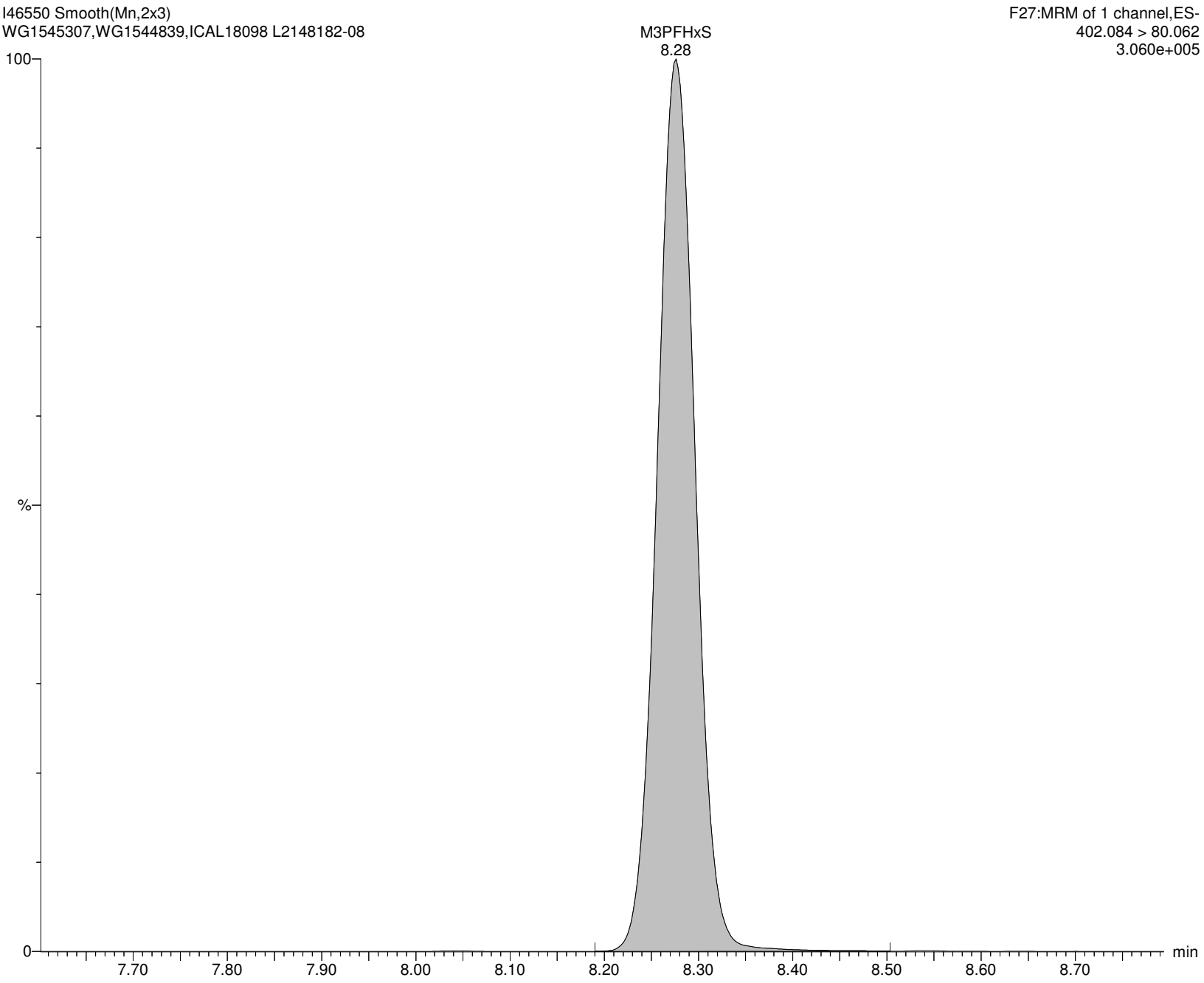


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:12 Eastern Daylight Time

Name: I46550
ID: L2148182-08
Date: 11-Sep-2021
Time: 19:44:30
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFHxS

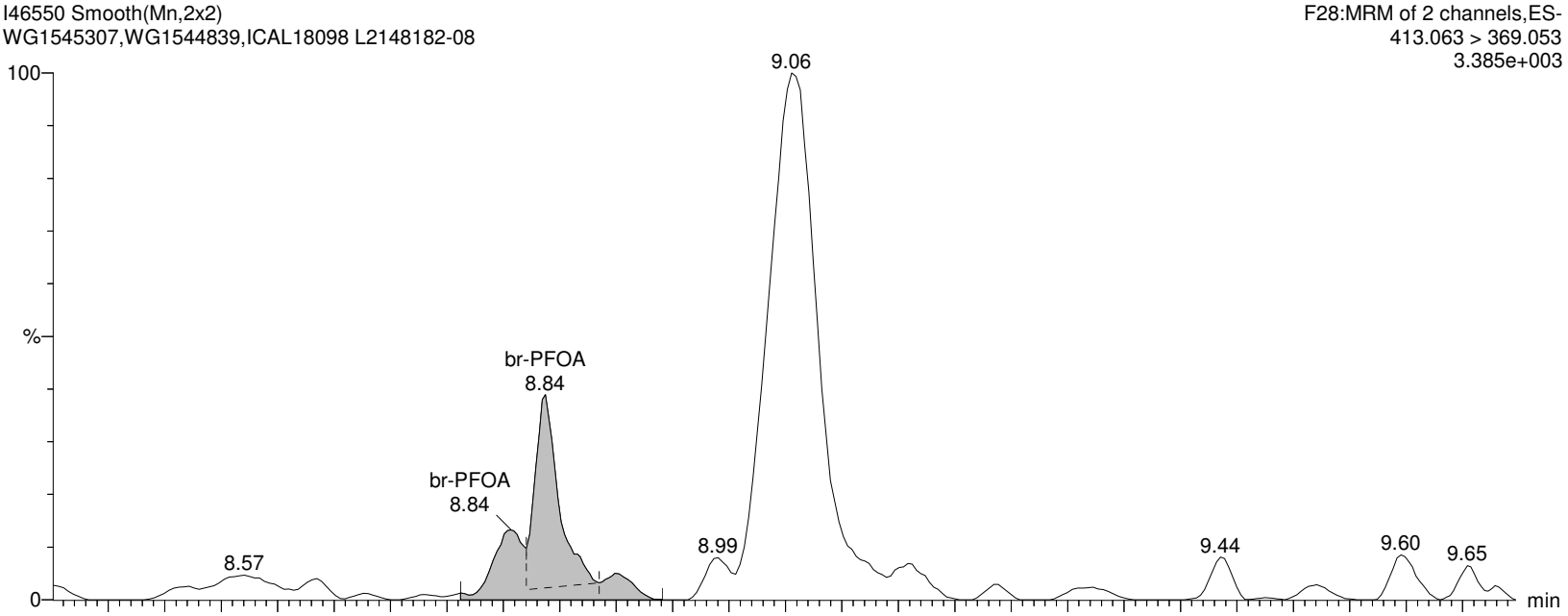


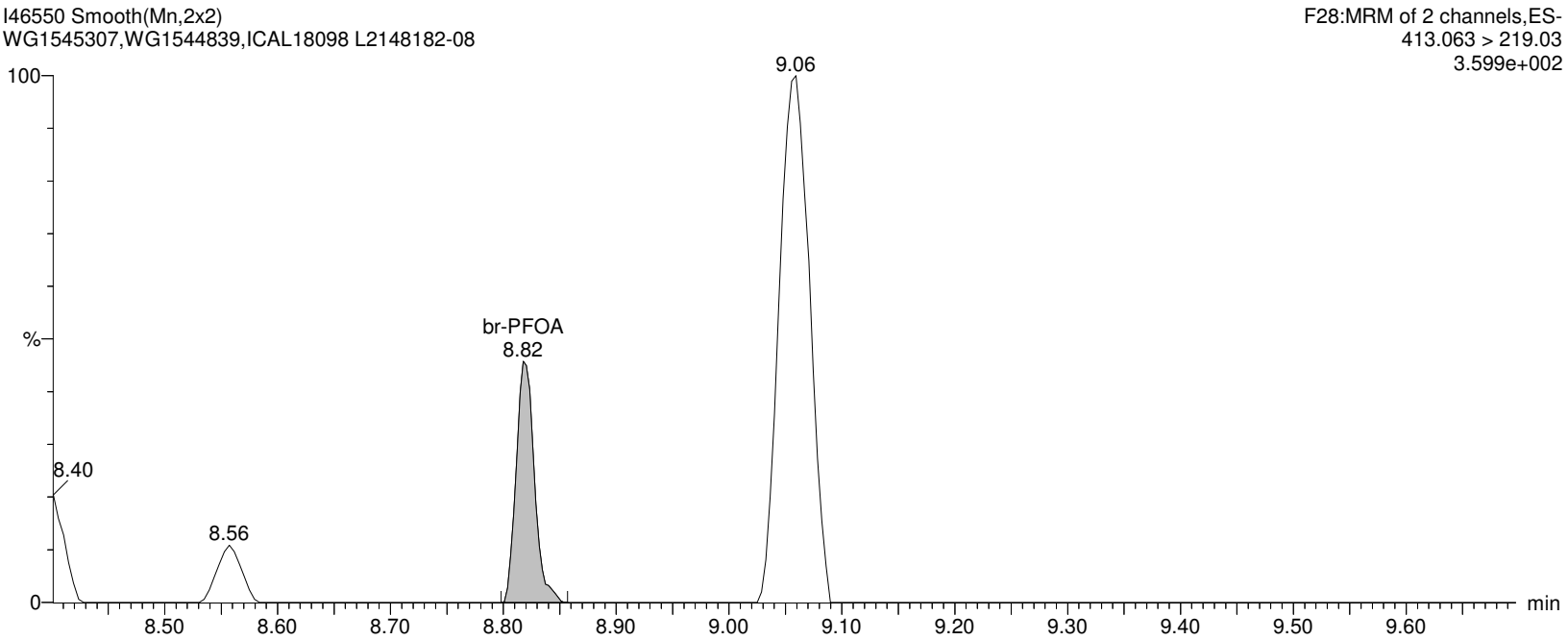
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:12 Eastern Daylight Time

Name: I46550
ID: L2148182-08
Date: 11-Sep-2021
Time: 19:44:30
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOA



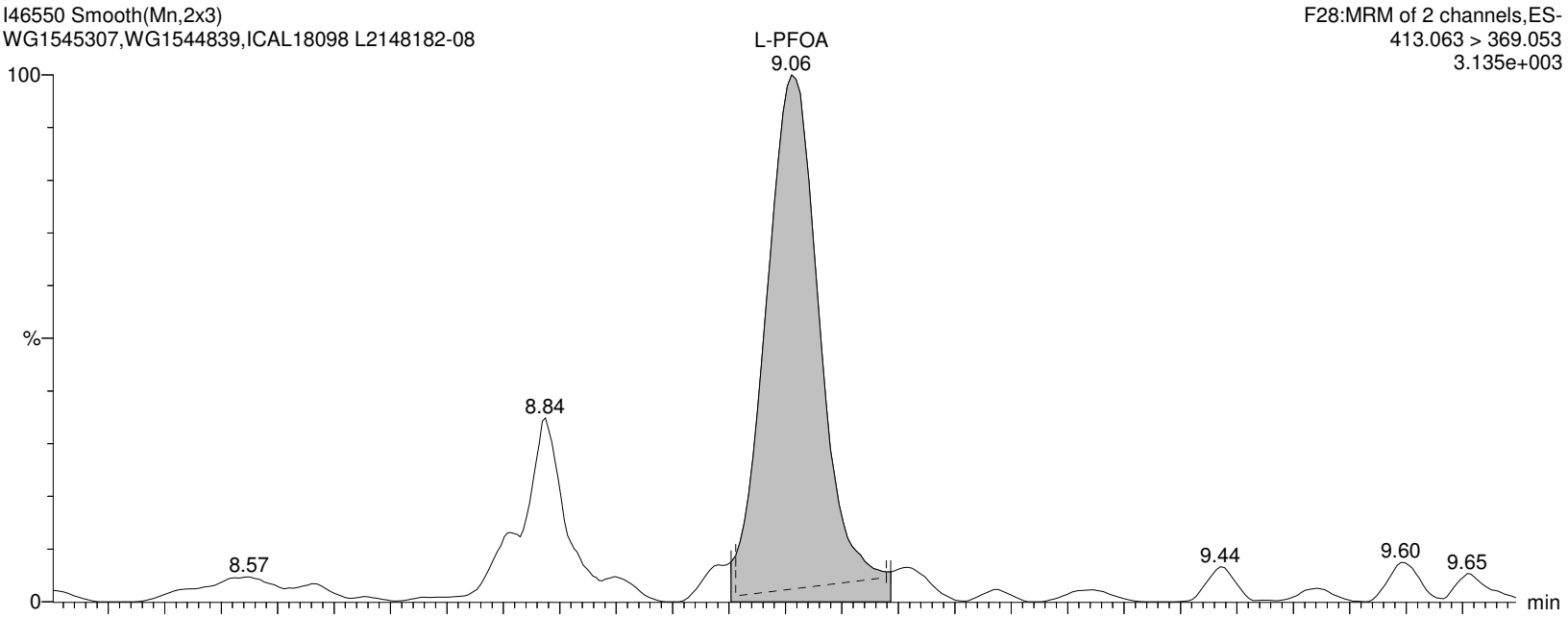


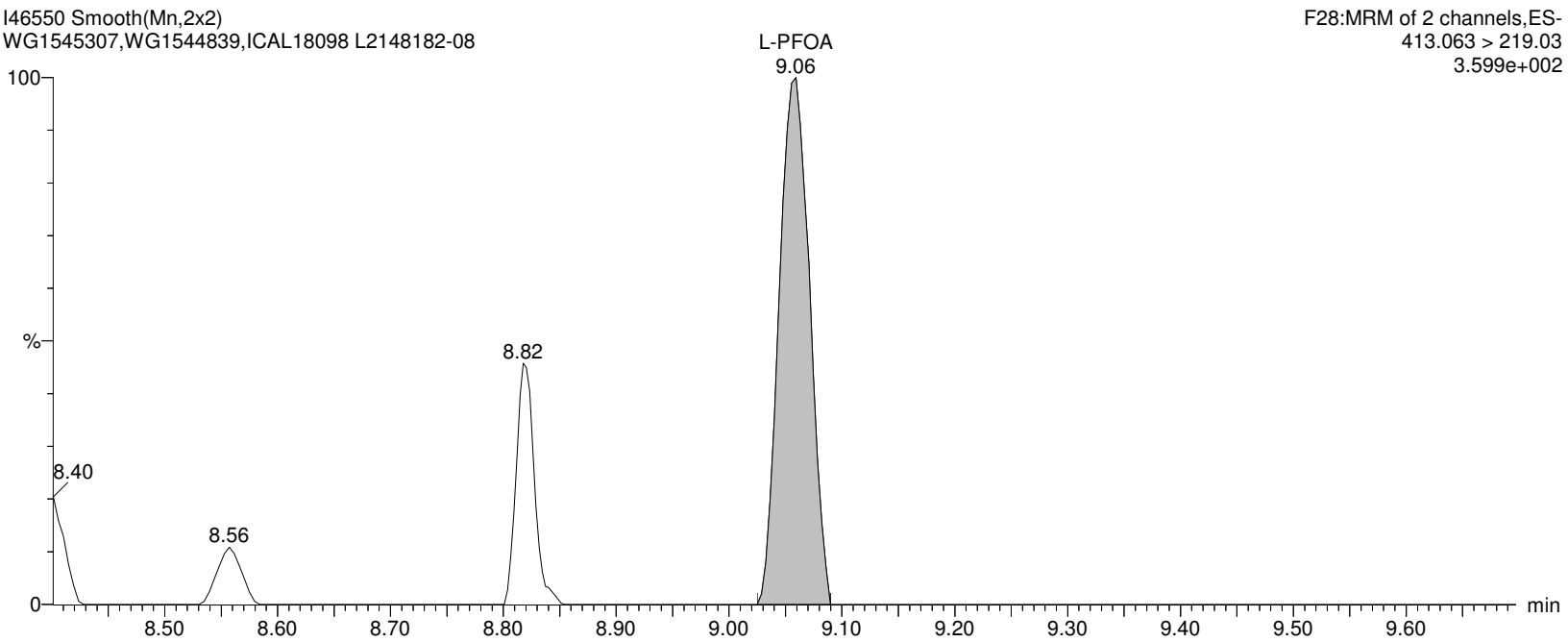
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:12 Eastern Daylight Time

Name: I46550
ID: L2148182-08
Date: 11-Sep-2021
Time: 19:44:30
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOA



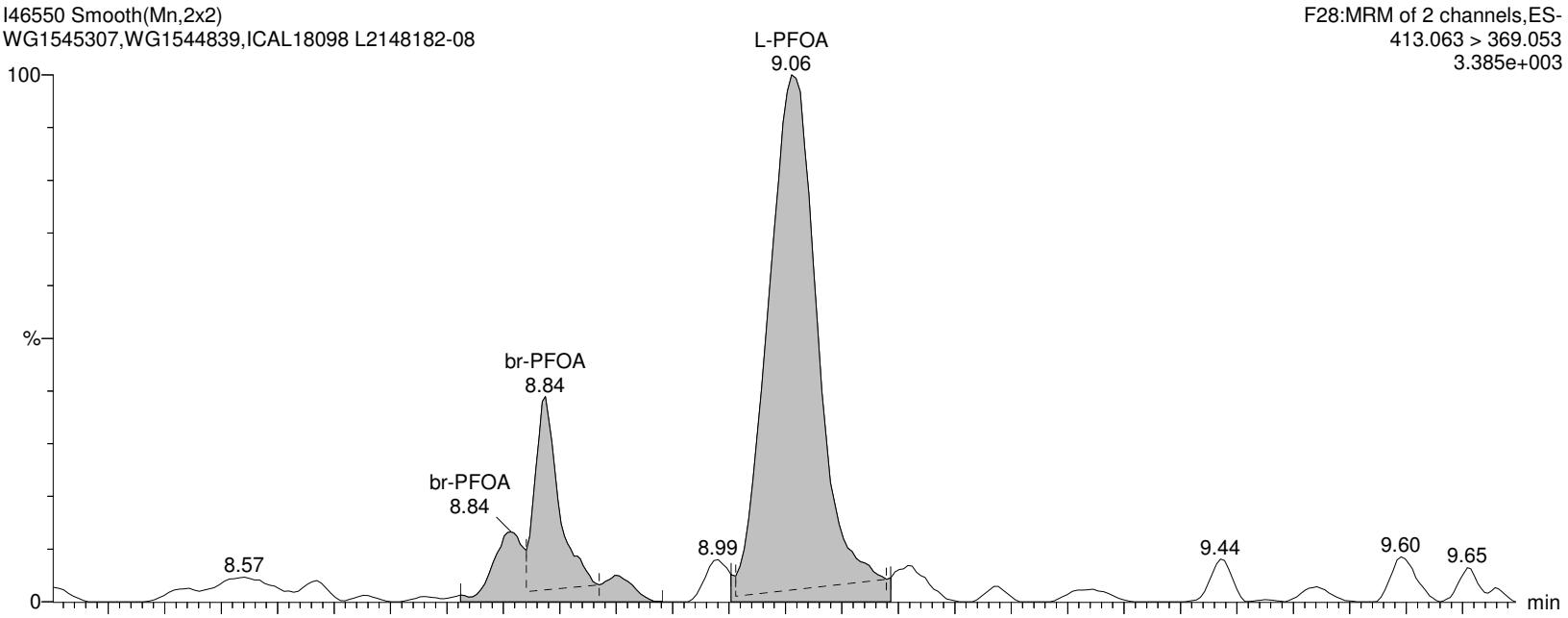


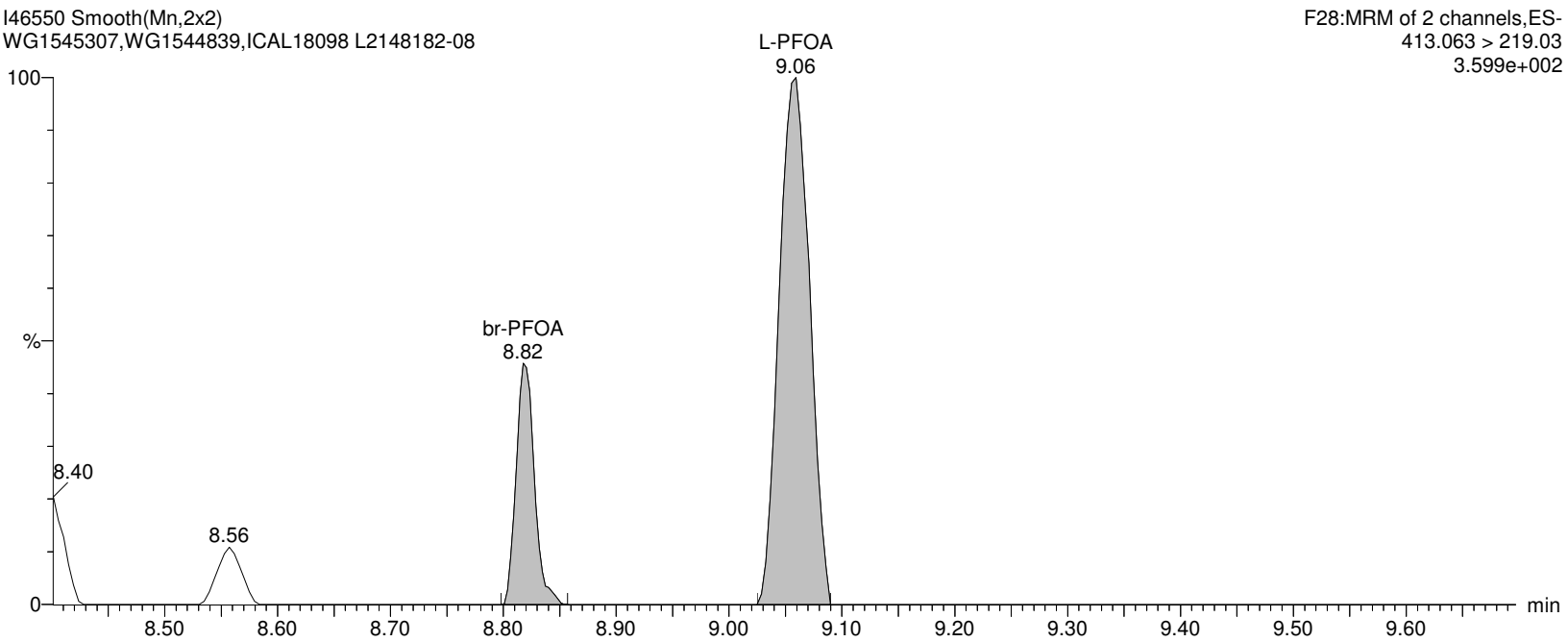
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:12 Eastern Daylight Time

Name: I46550
ID: L2148182-08
Date: 11-Sep-2021
Time: 19:44:30
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOA



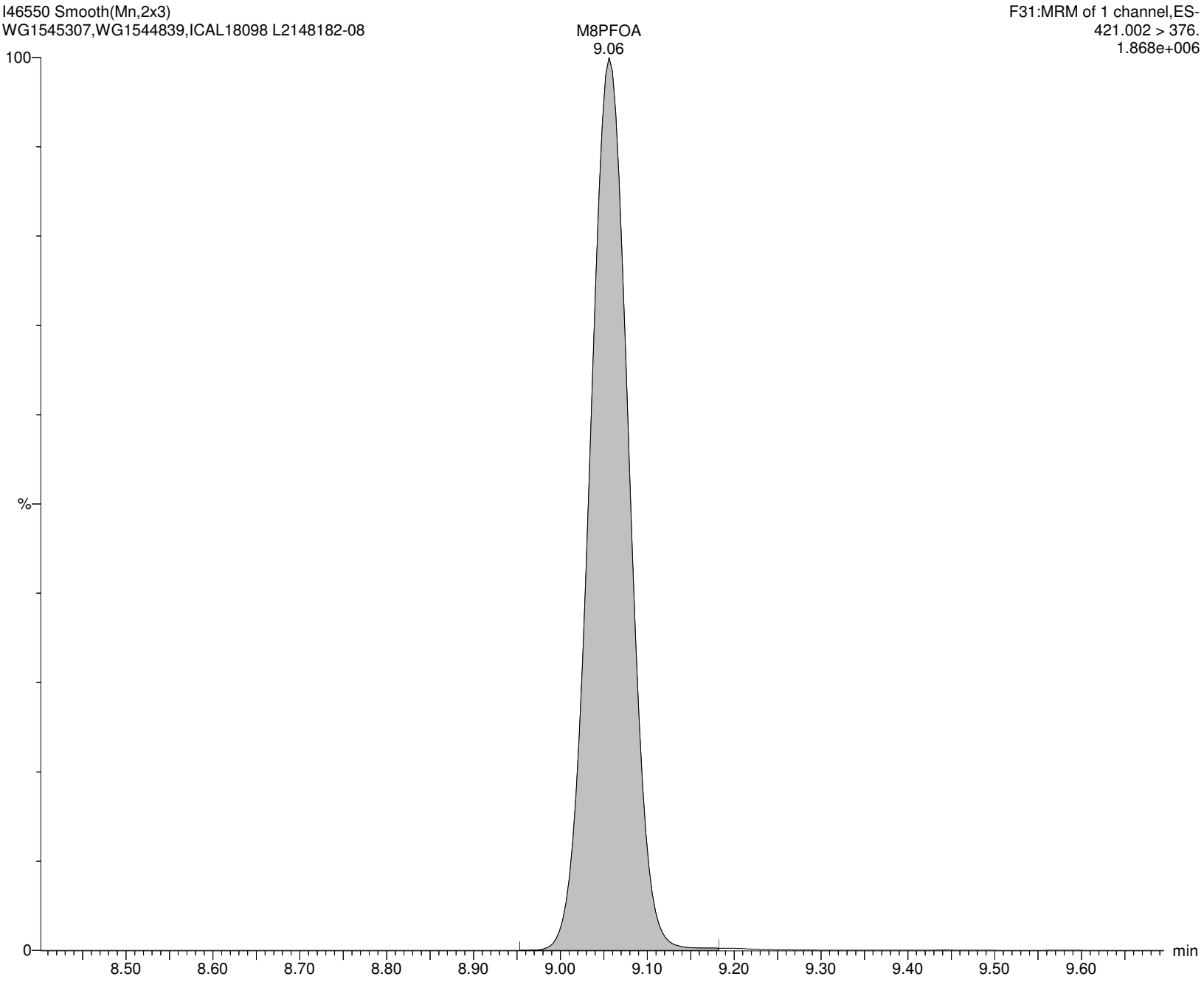


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:12 Eastern Daylight Time

Name: I46550
ID: L2148182-08
Date: 11-Sep-2021
Time: 19:44:30
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOA

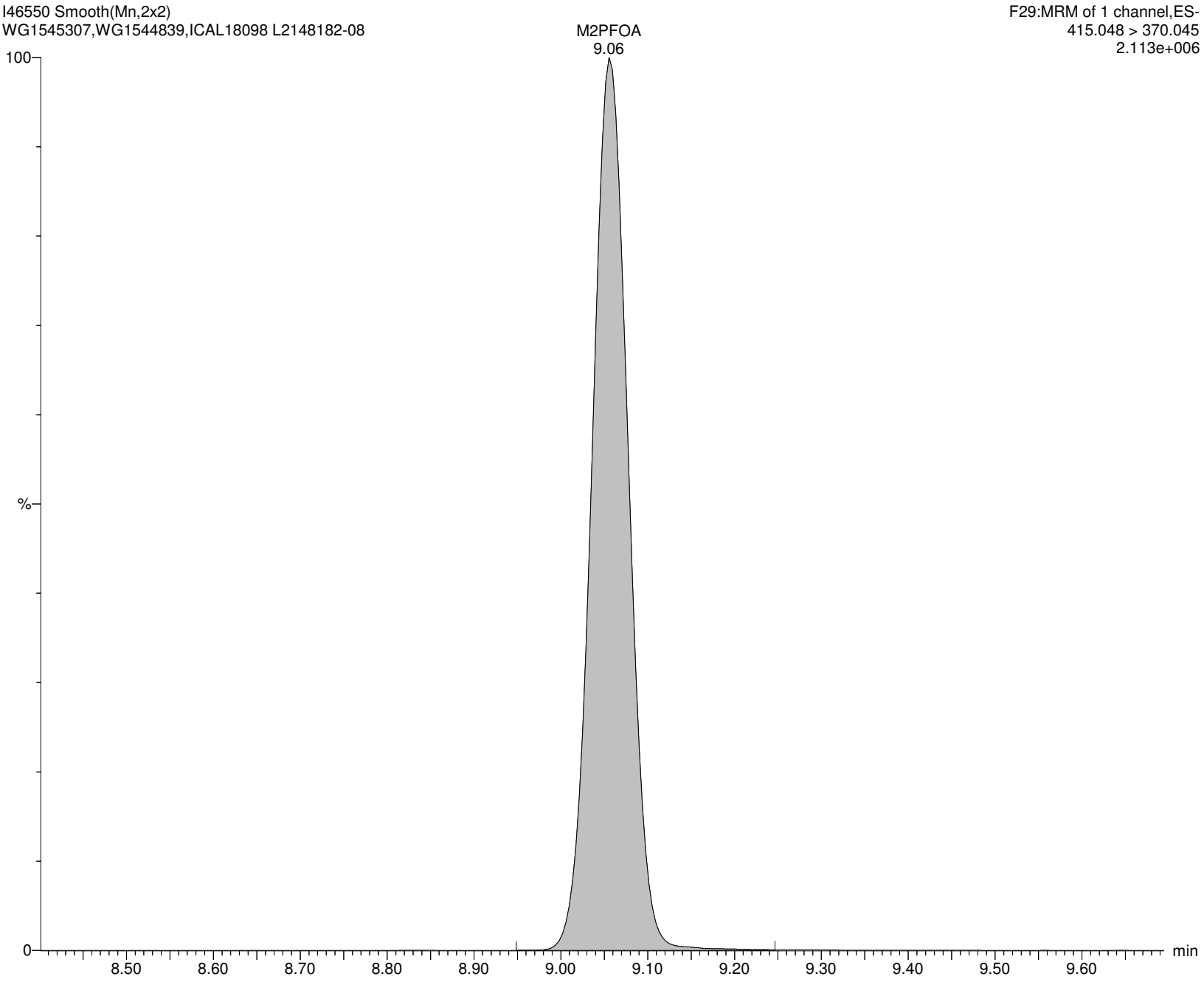


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:12 Eastern Daylight Time

Name: I46550
ID: L2148182-08
Date: 11-Sep-2021
Time: 19:44:30
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFOA

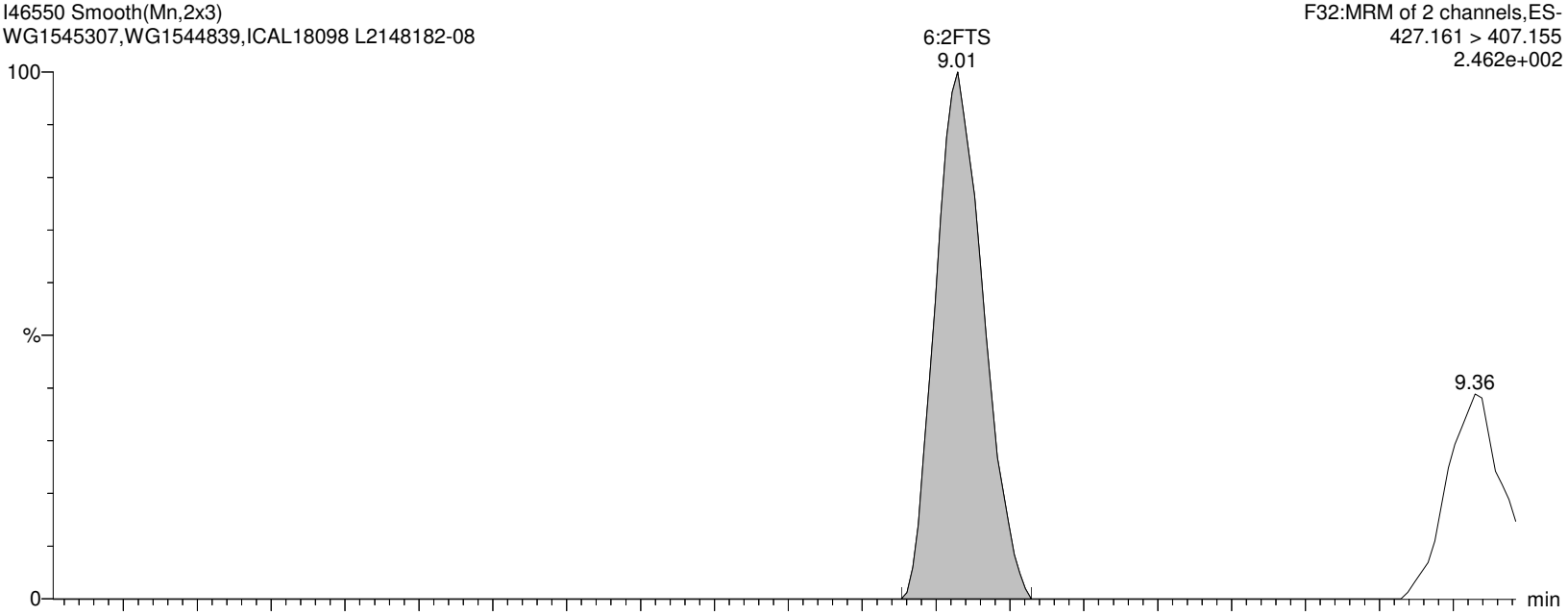


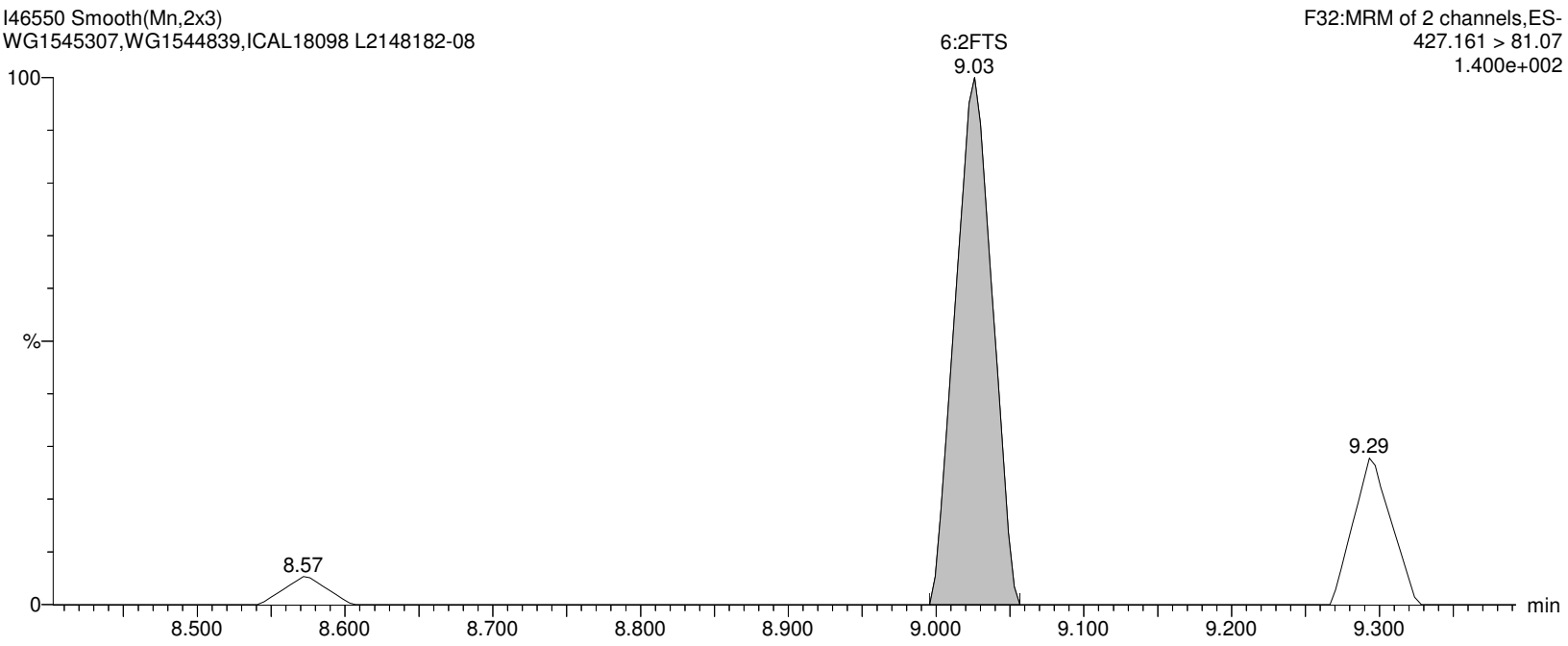
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:12 Eastern Daylight Time

Name: I46550
ID: L2148182-08
Date: 11-Sep-2021
Time: 19:44:30
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

6:2FTS



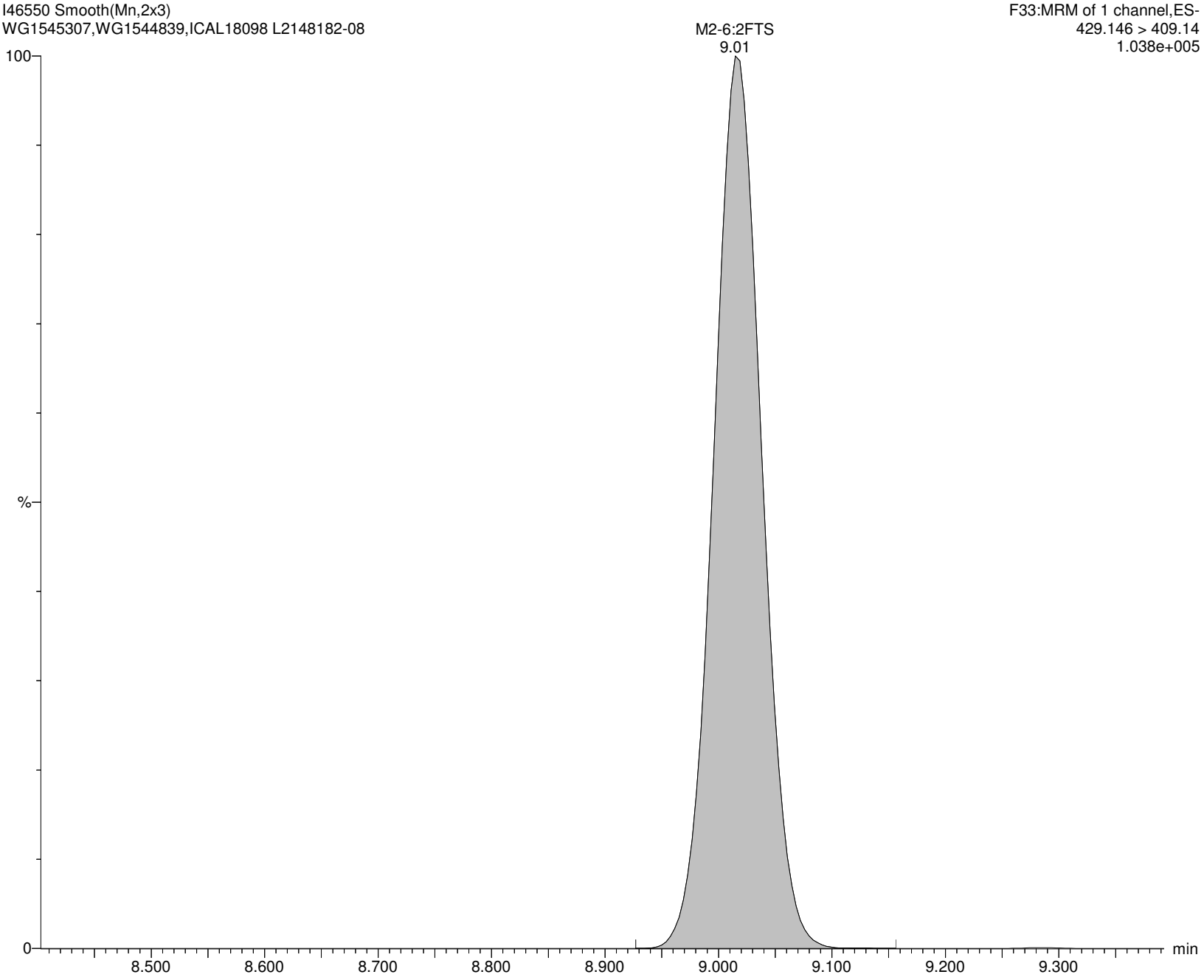


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:12 Eastern Daylight Time

Name: I46550
ID: L2148182-08
Date: 11-Sep-2021
Time: 19:44:30
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-6:2FTS

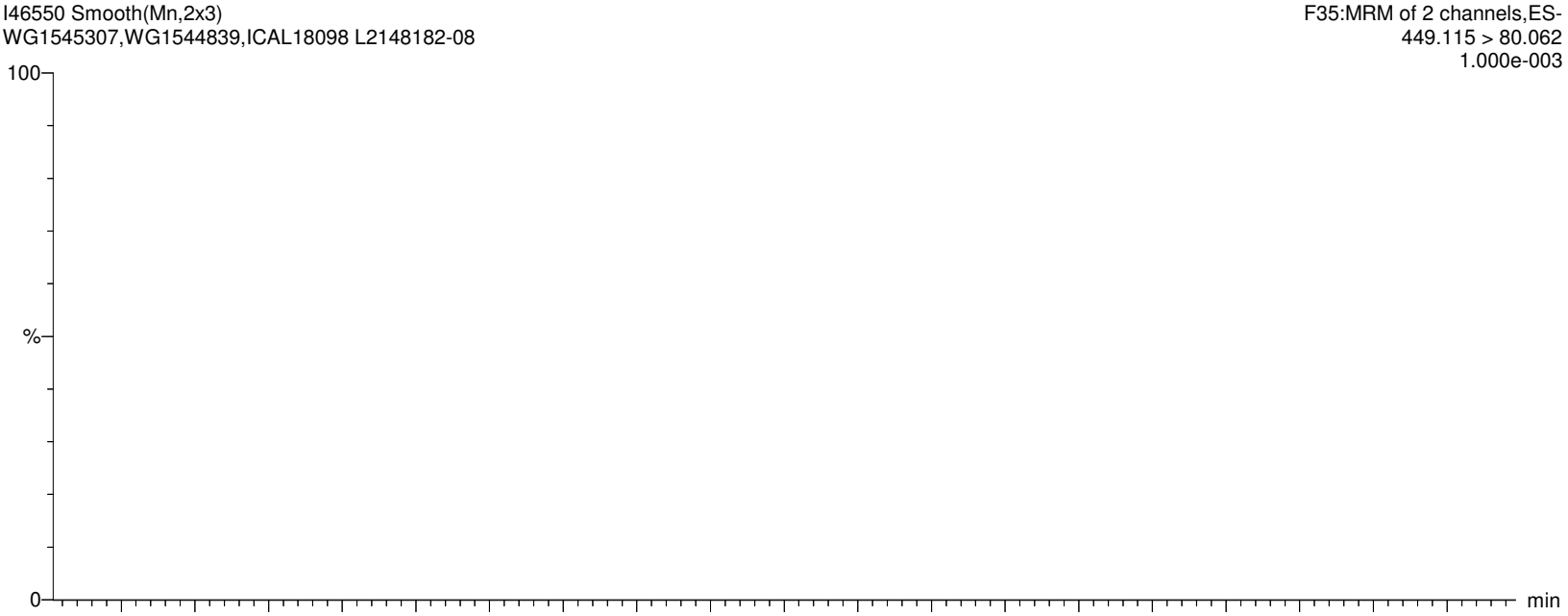


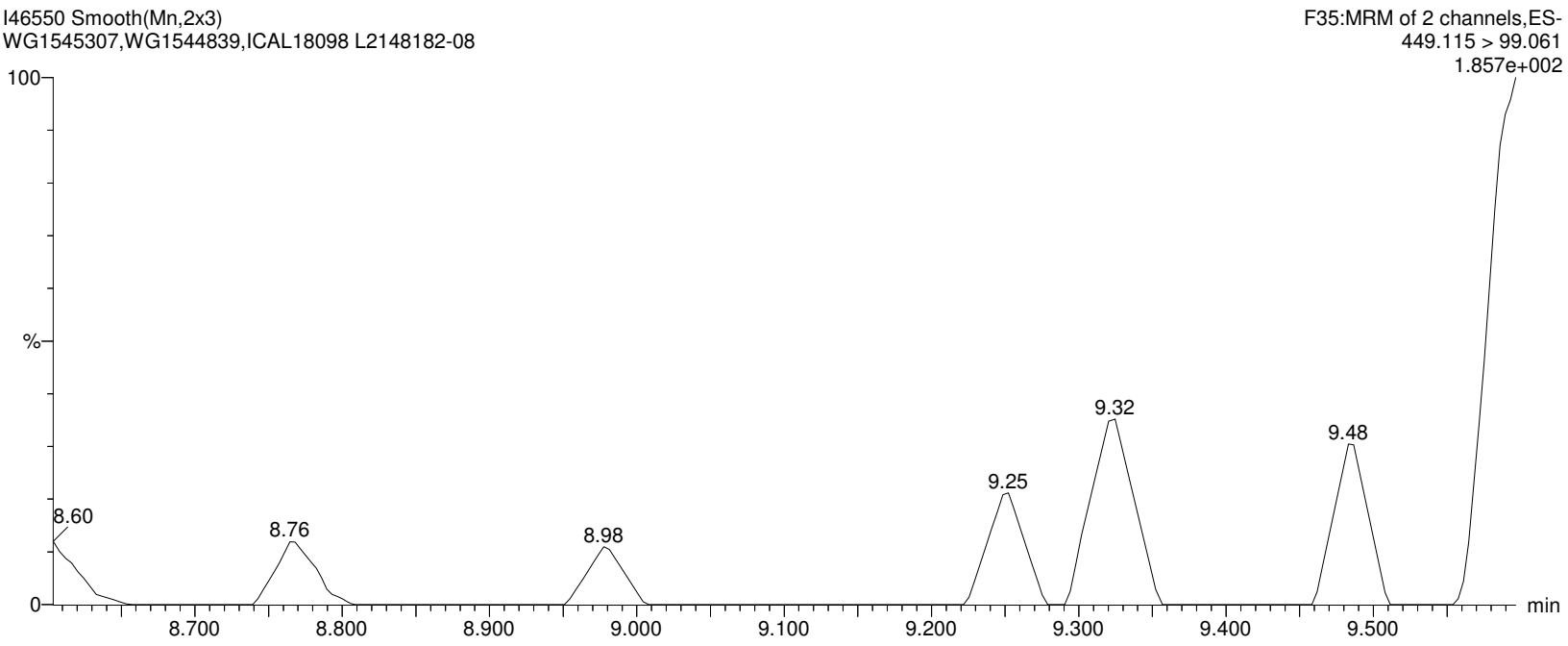
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:12 Eastern Daylight Time

Name: I46550
ID: L2148182-08
Date: 11-Sep-2021
Time: 19:44:30
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpS



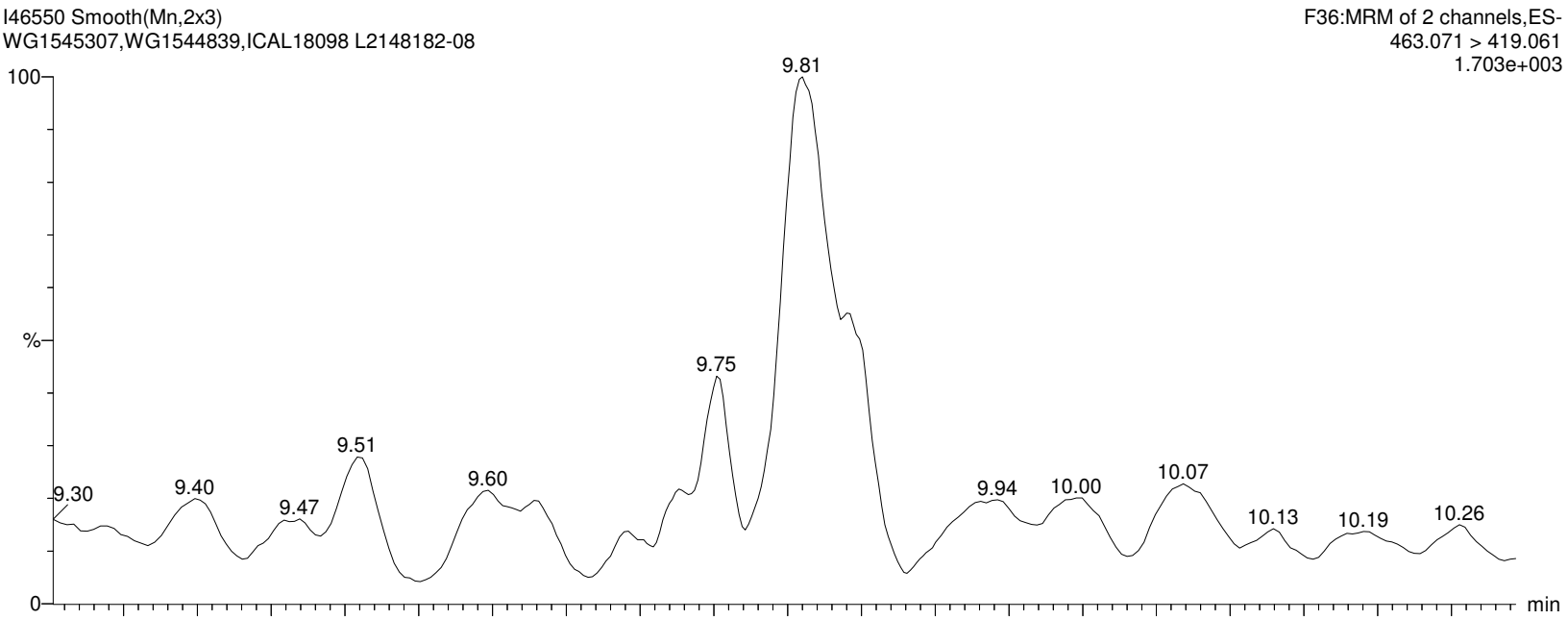


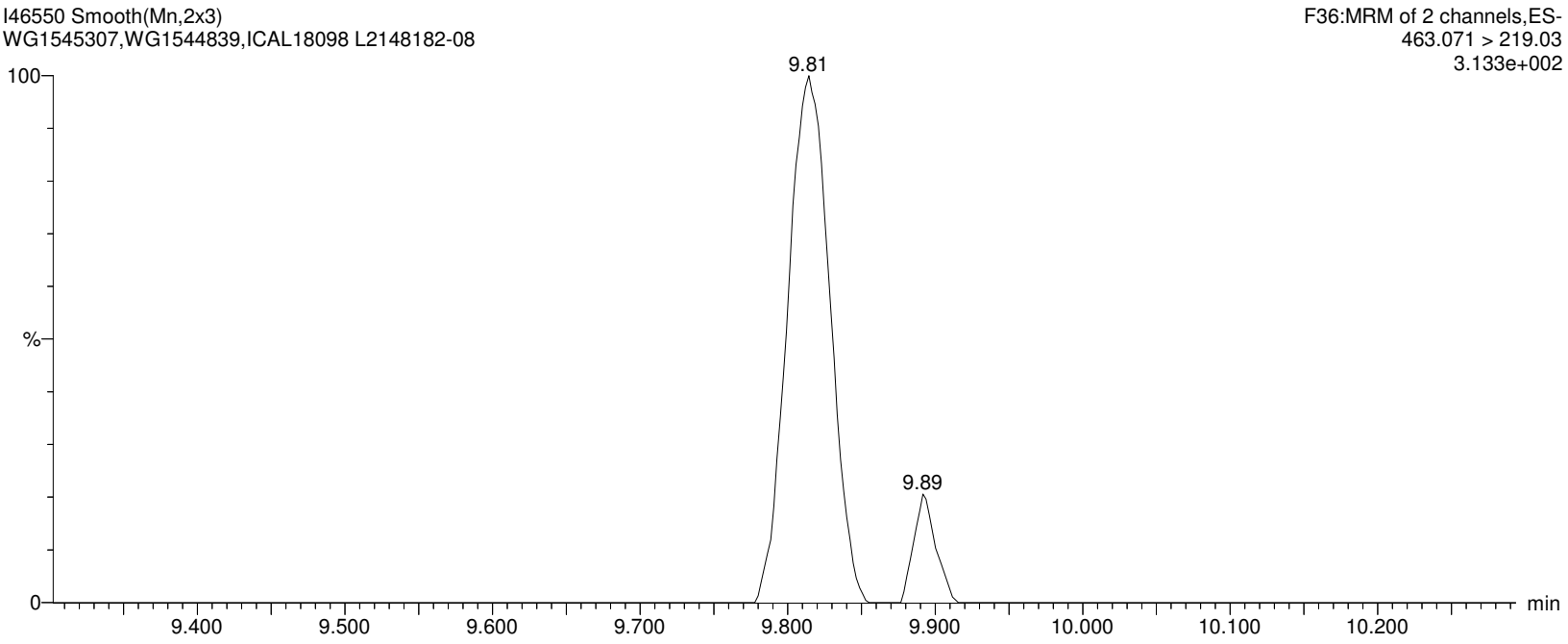
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:12 Eastern Daylight Time

Name: I46550
ID: L2148182-08
Date: 11-Sep-2021
Time: 19:44:30
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNA



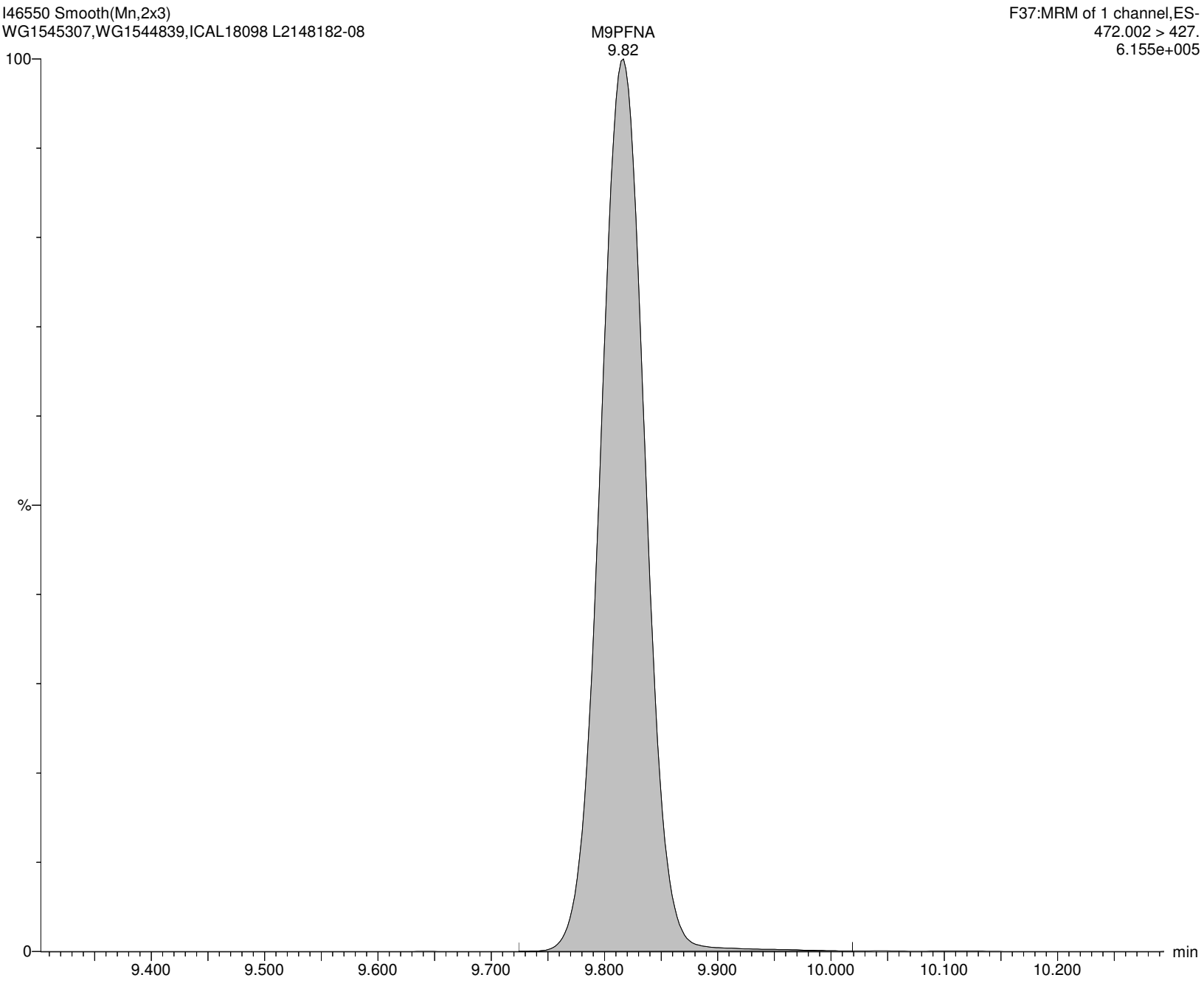


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:12 Eastern Daylight Time

Name: I46550
ID: L2148182-08
Date: 11-Sep-2021
Time: 19:44:30
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M9PFNA

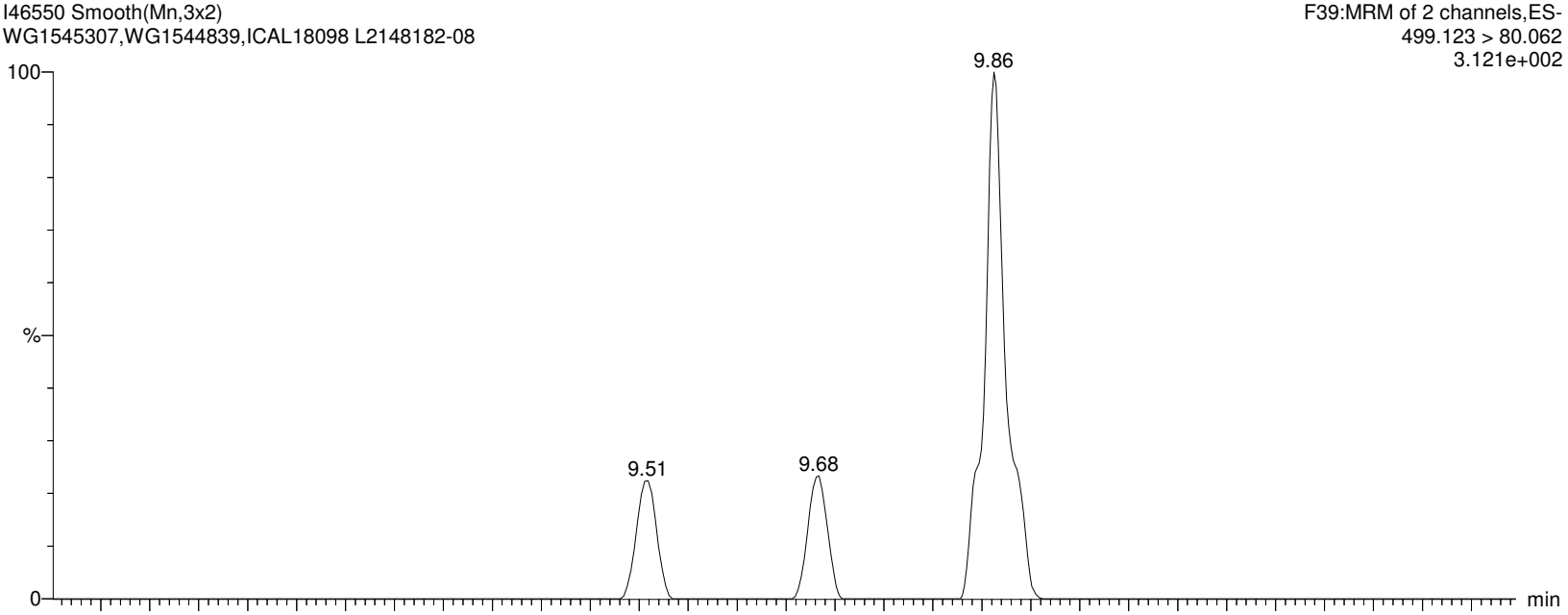


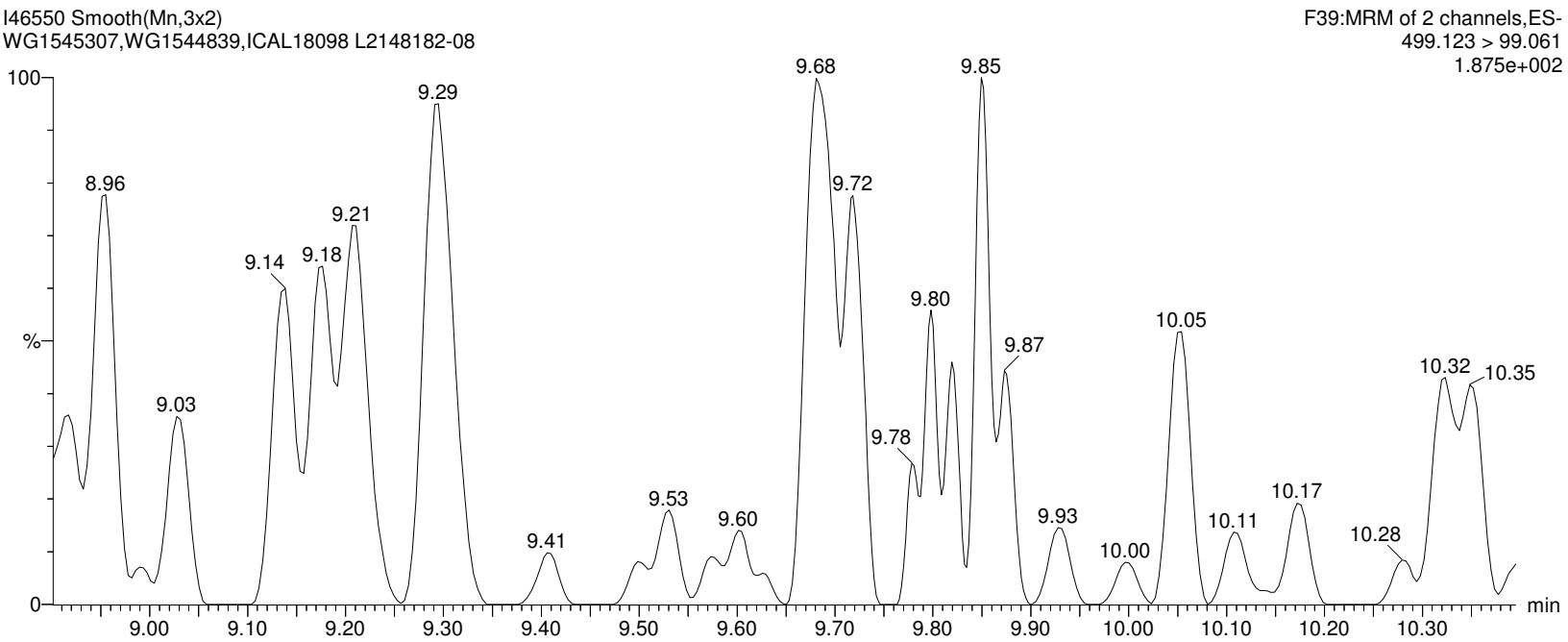
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:12 Eastern Daylight Time

Name: I46550
ID: L2148182-08
Date: 11-Sep-2021
Time: 19:44:30
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOS



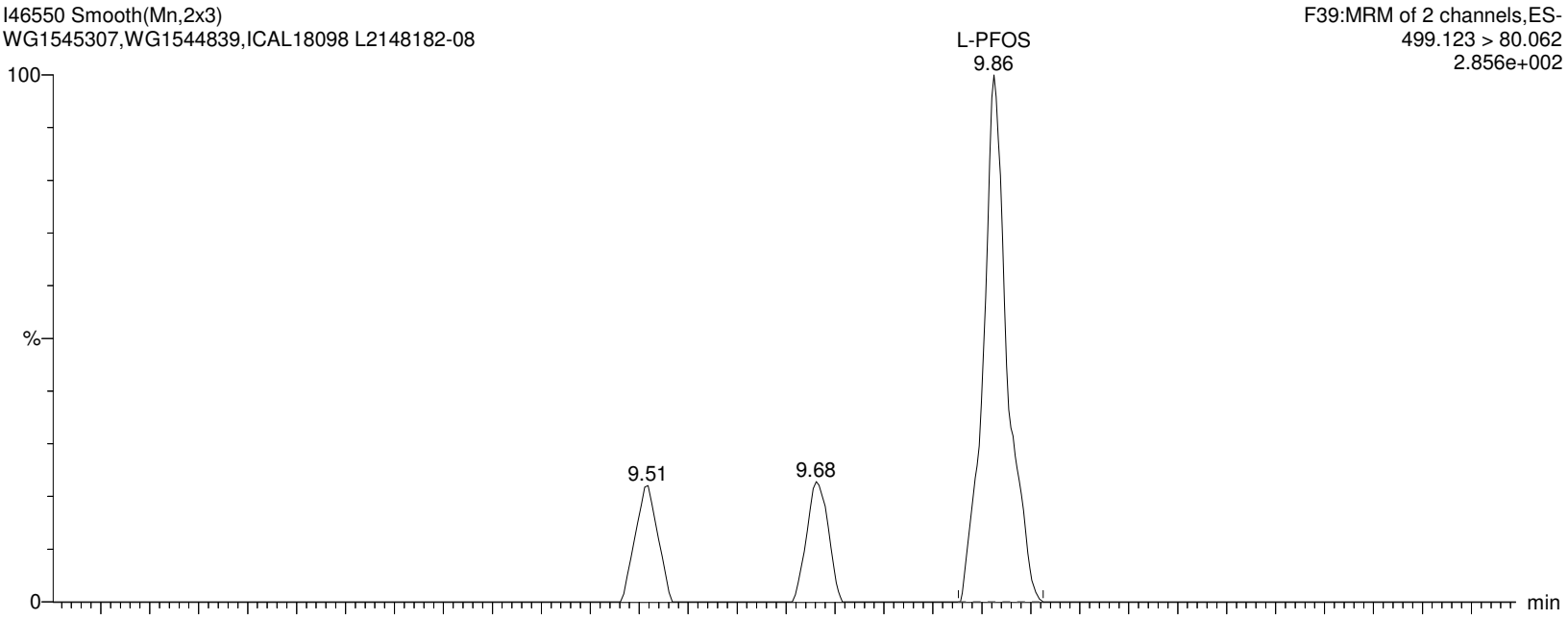


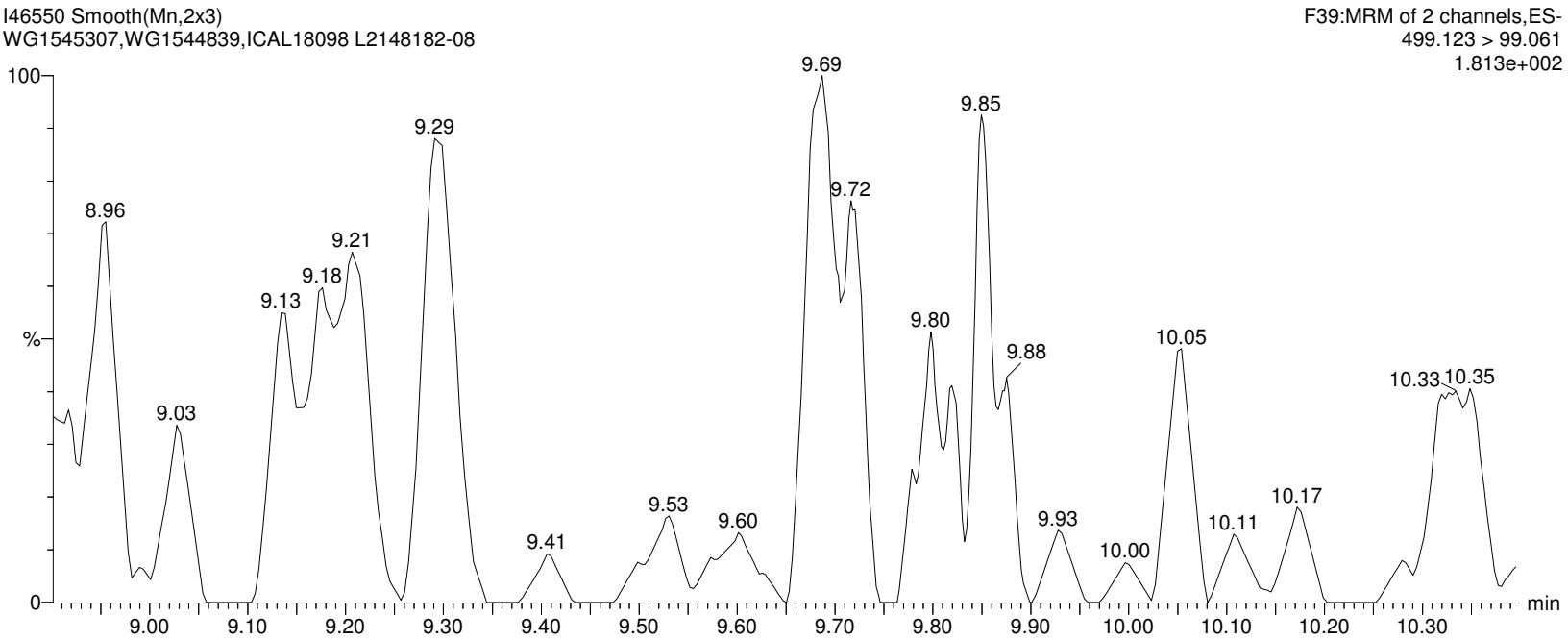
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:12 Eastern Daylight Time

Name: I46550
ID: L2148182-08
Date: 11-Sep-2021
Time: 19:44:30
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOS



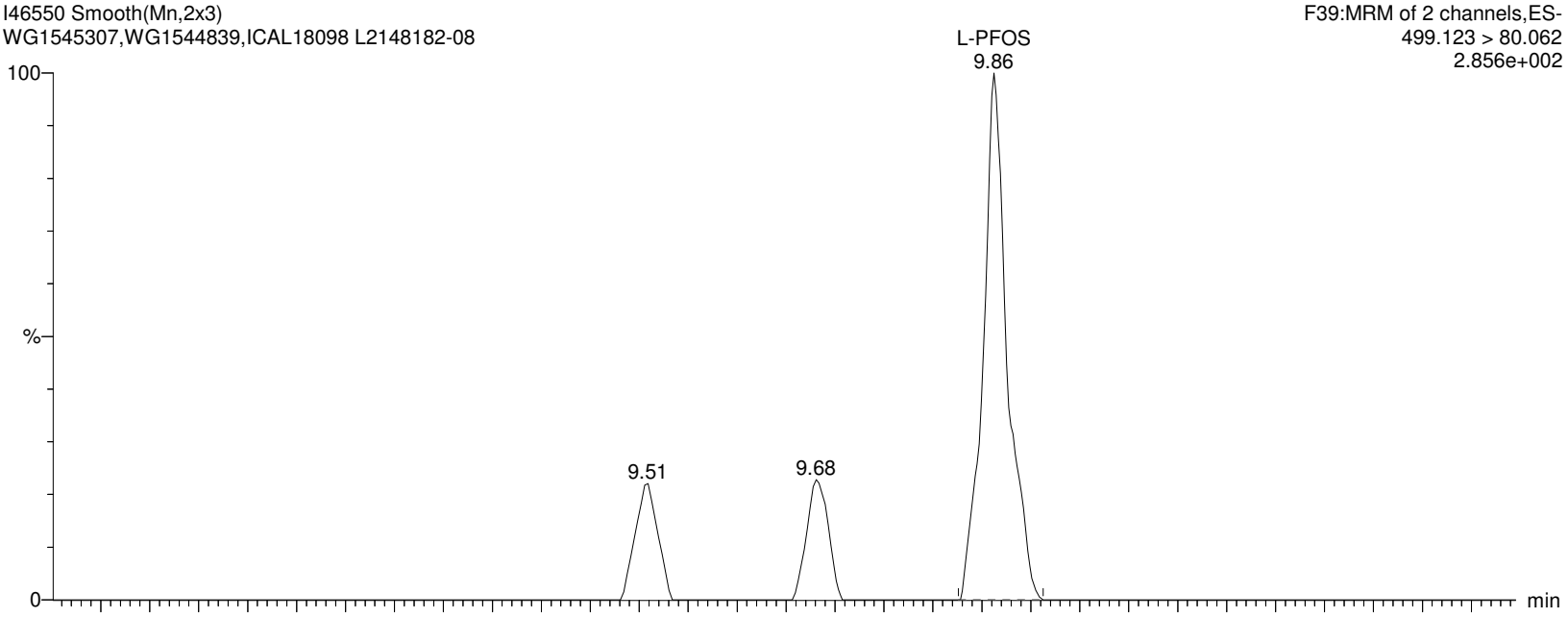


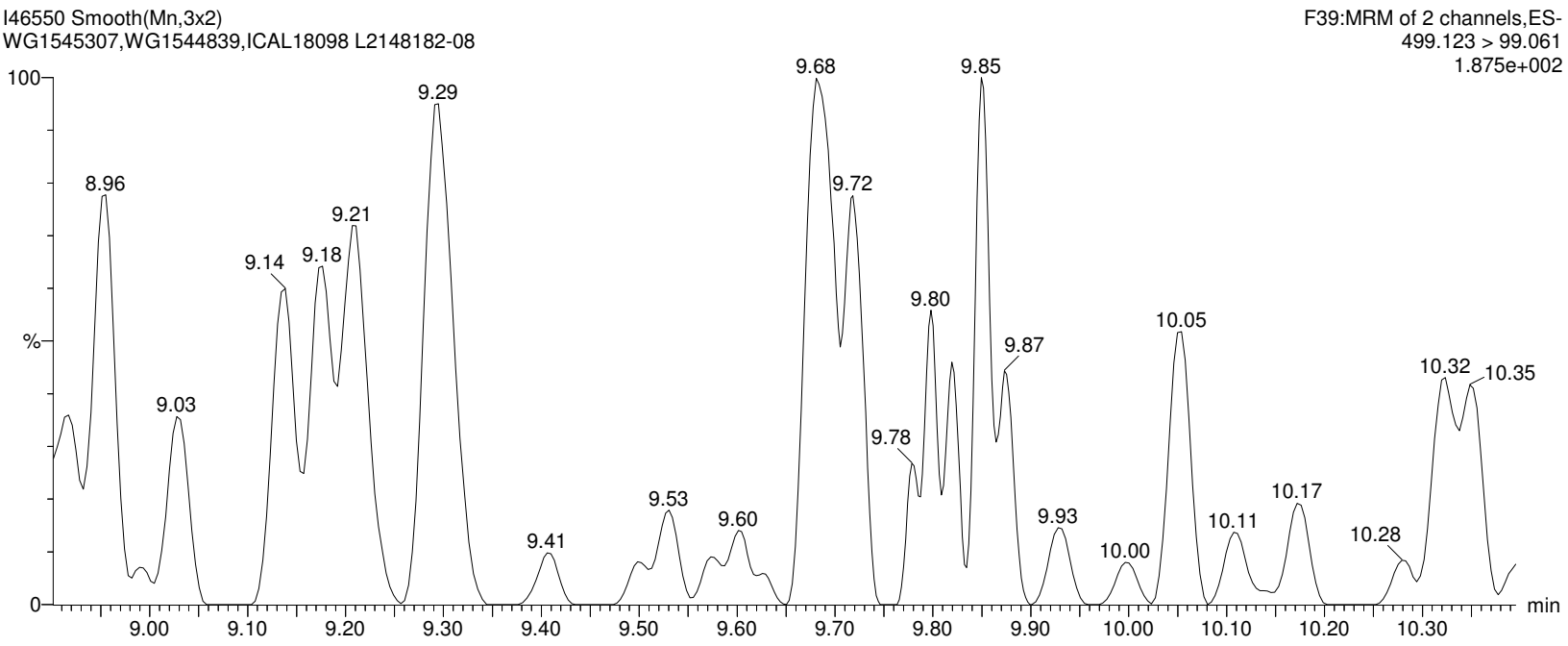
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:12 Eastern Daylight Time

Name: I46550
ID: L2148182-08
Date: 11-Sep-2021
Time: 19:44:30
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOS



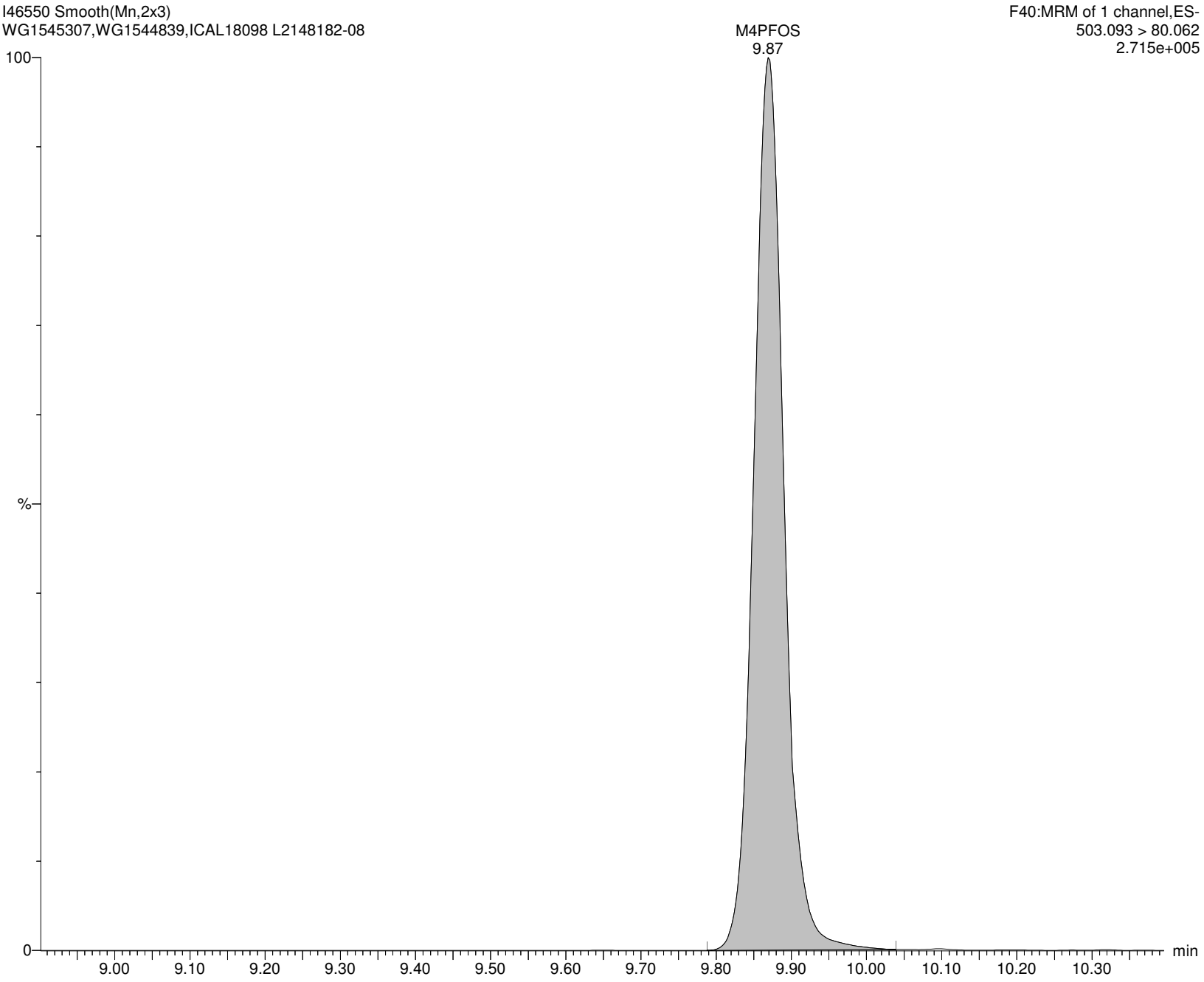


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:12 Eastern Daylight Time

Name: I46550
ID: L2148182-08
Date: 11-Sep-2021
Time: 19:44:30
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOS

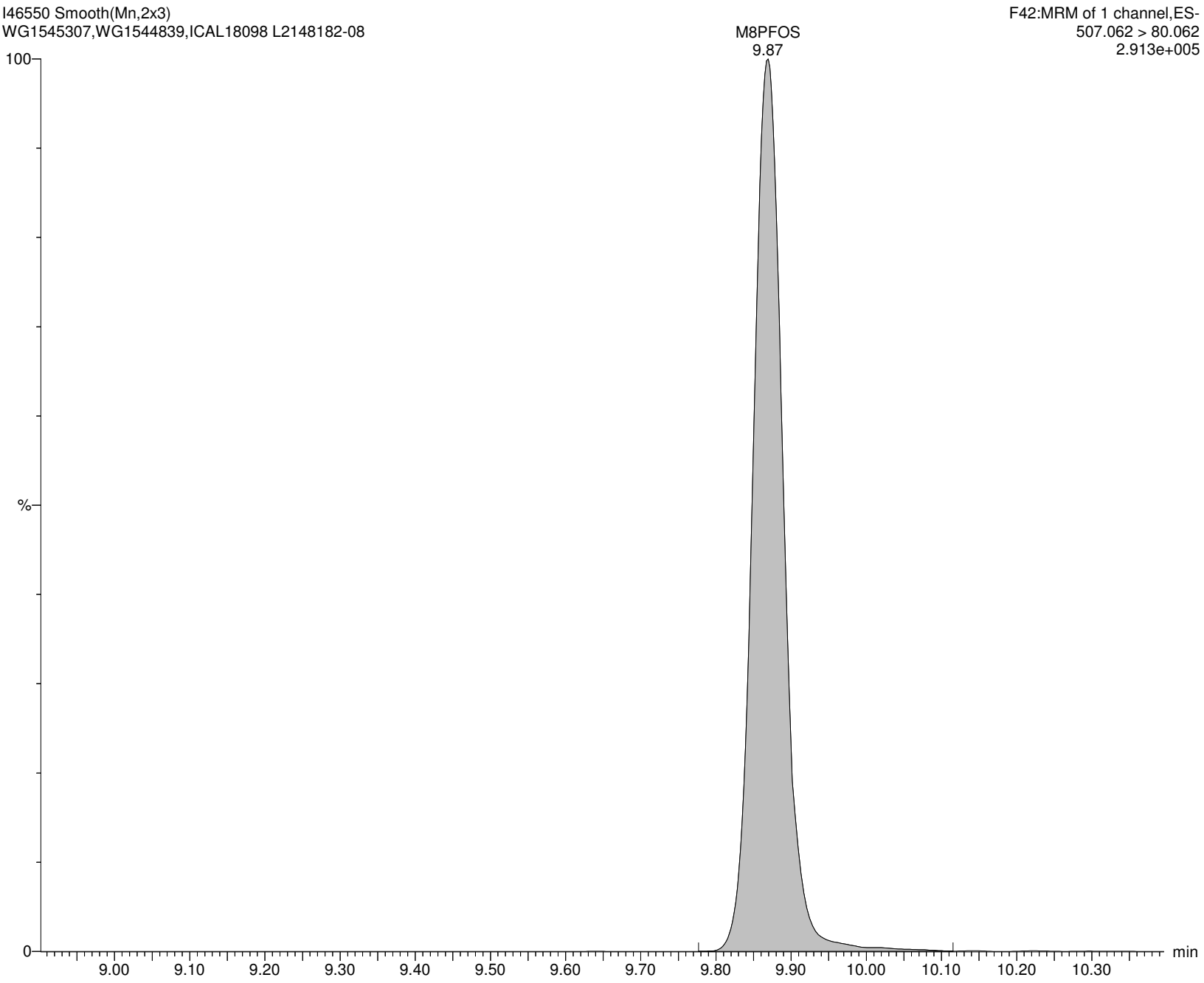


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:12 Eastern Daylight Time

Name: I46550
ID: L2148182-08
Date: 11-Sep-2021
Time: 19:44:30
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOS

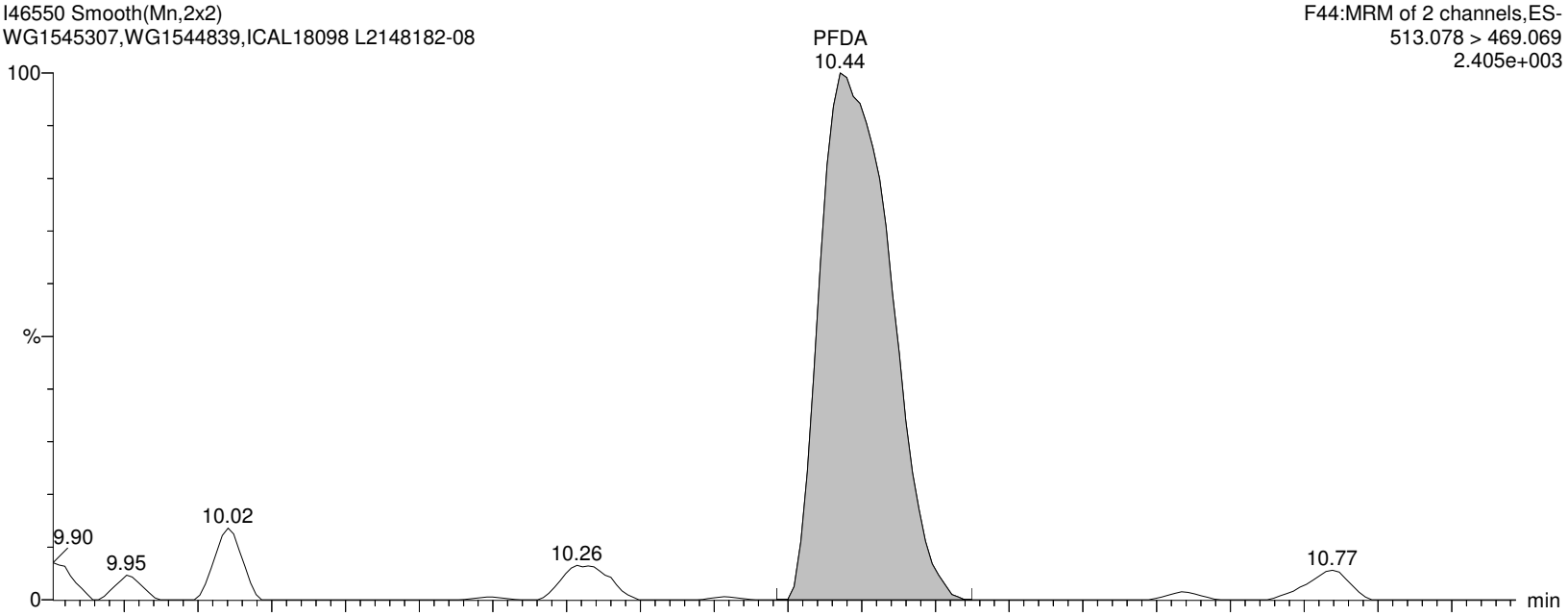


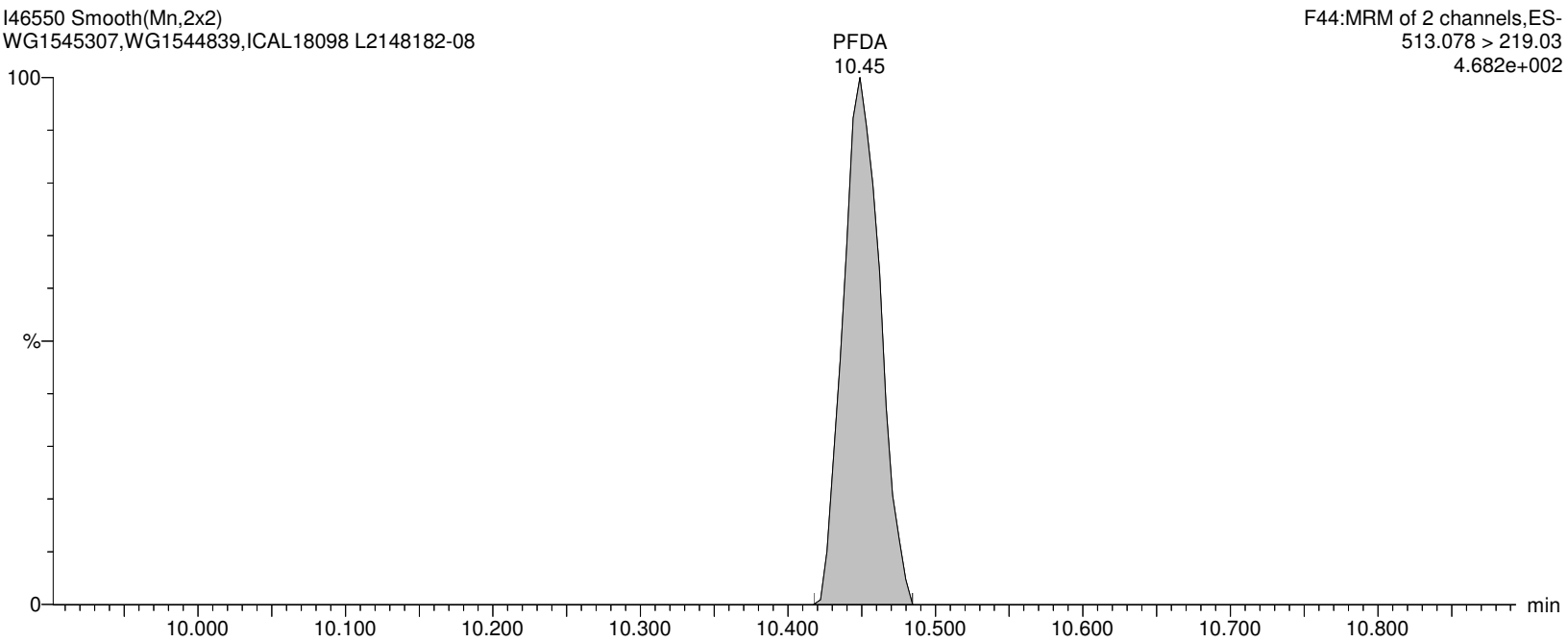
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:12 Eastern Daylight Time

Name: I46550
ID: L2148182-08
Date: 11-Sep-2021
Time: 19:44:30
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDA



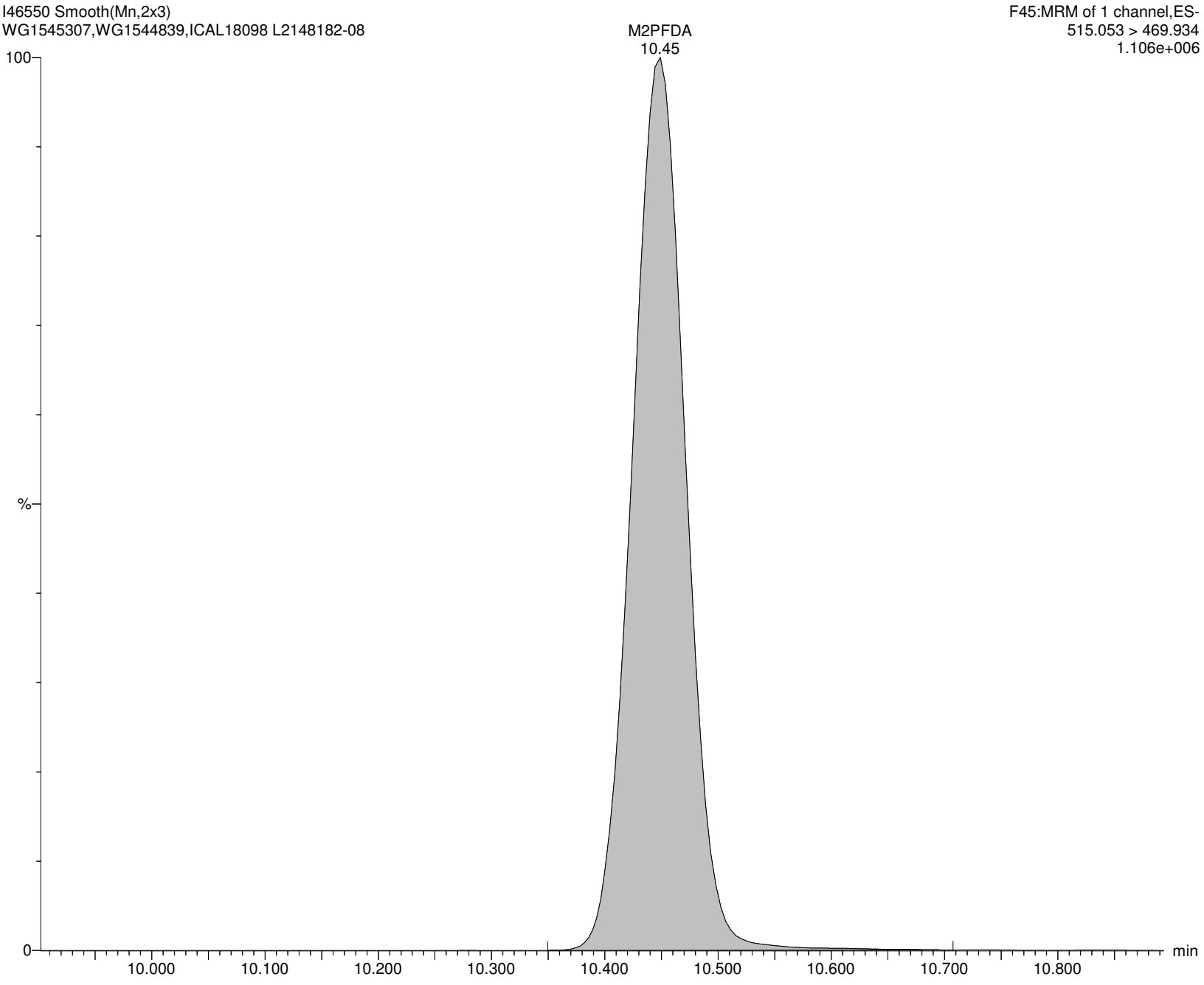


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:12 Eastern Daylight Time

Name: I46550
ID: L2148182-08
Date: 11-Sep-2021
Time: 19:44:30
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFDA

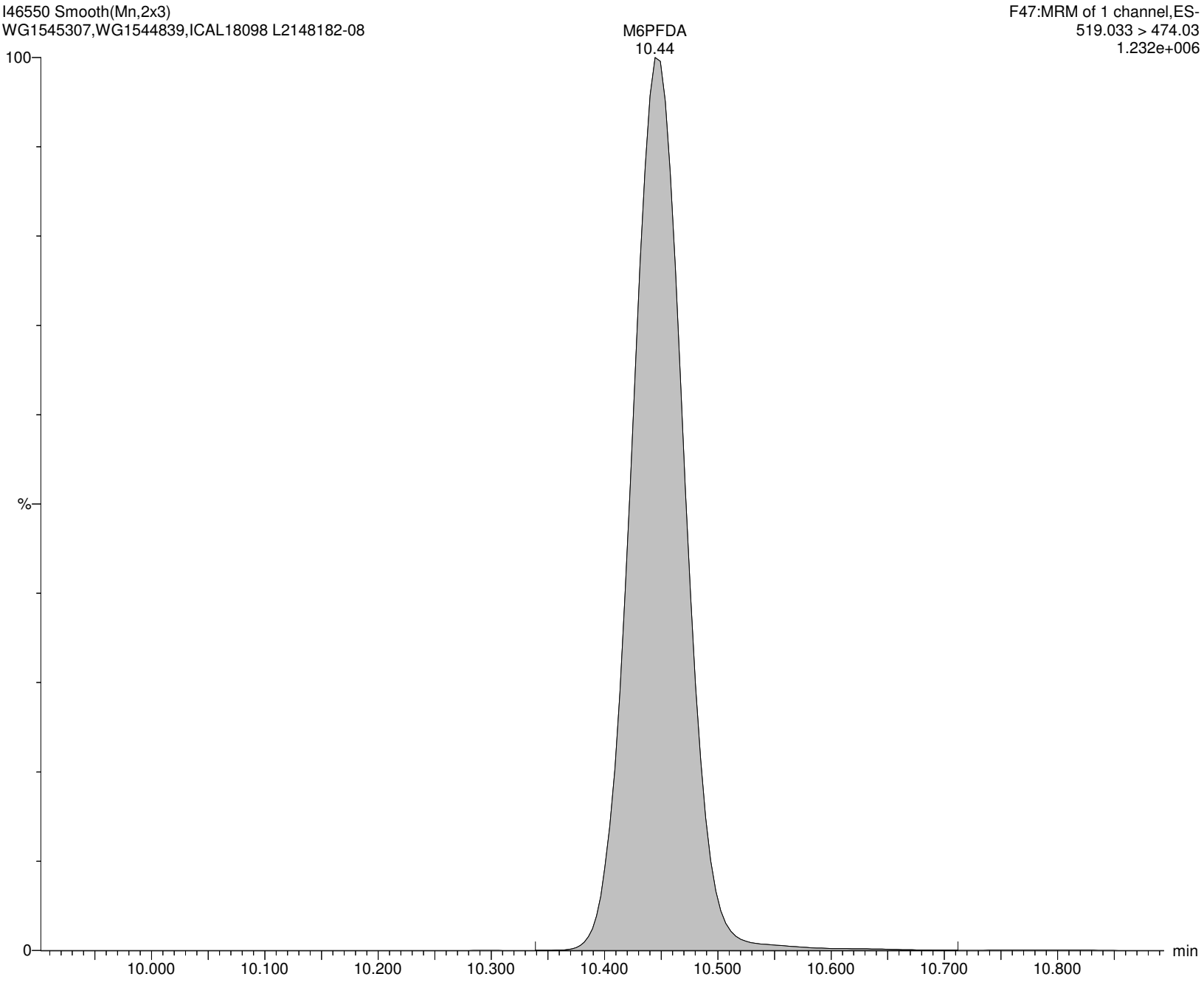


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:12 Eastern Daylight Time

Name: I46550
ID: L2148182-08
Date: 11-Sep-2021
Time: 19:44:30
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M6PFDA

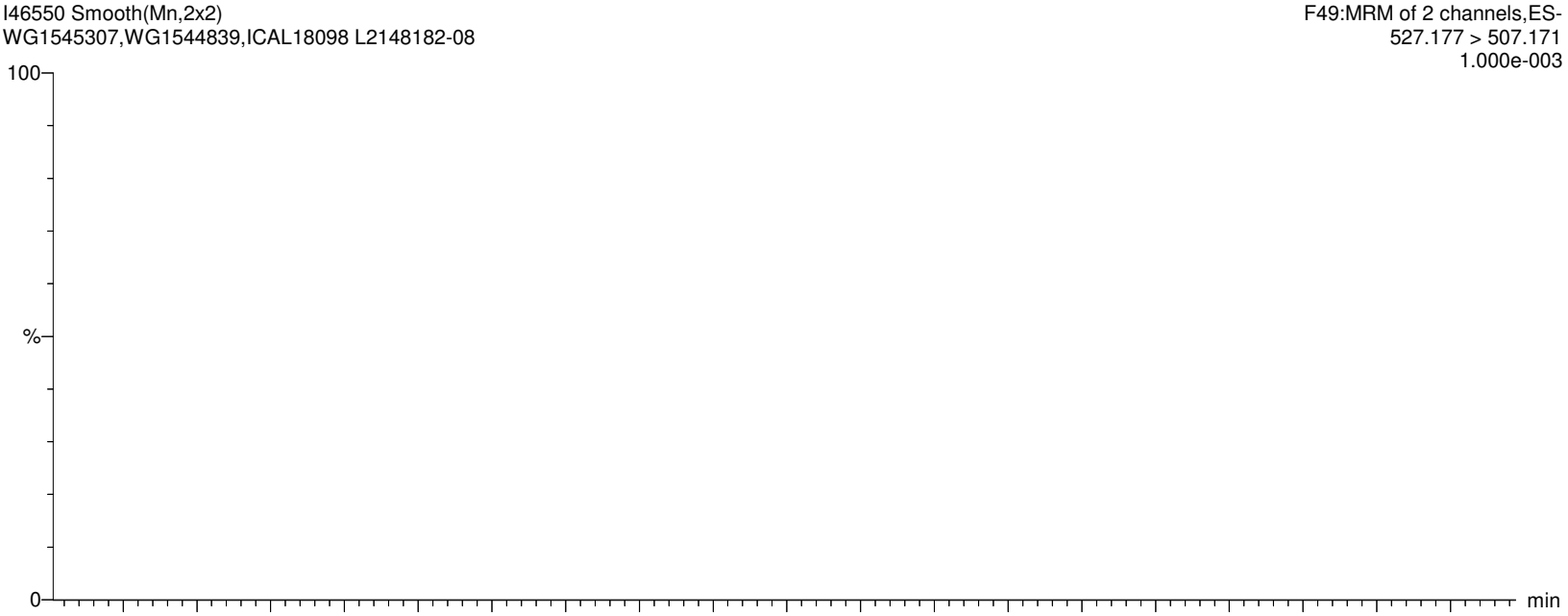


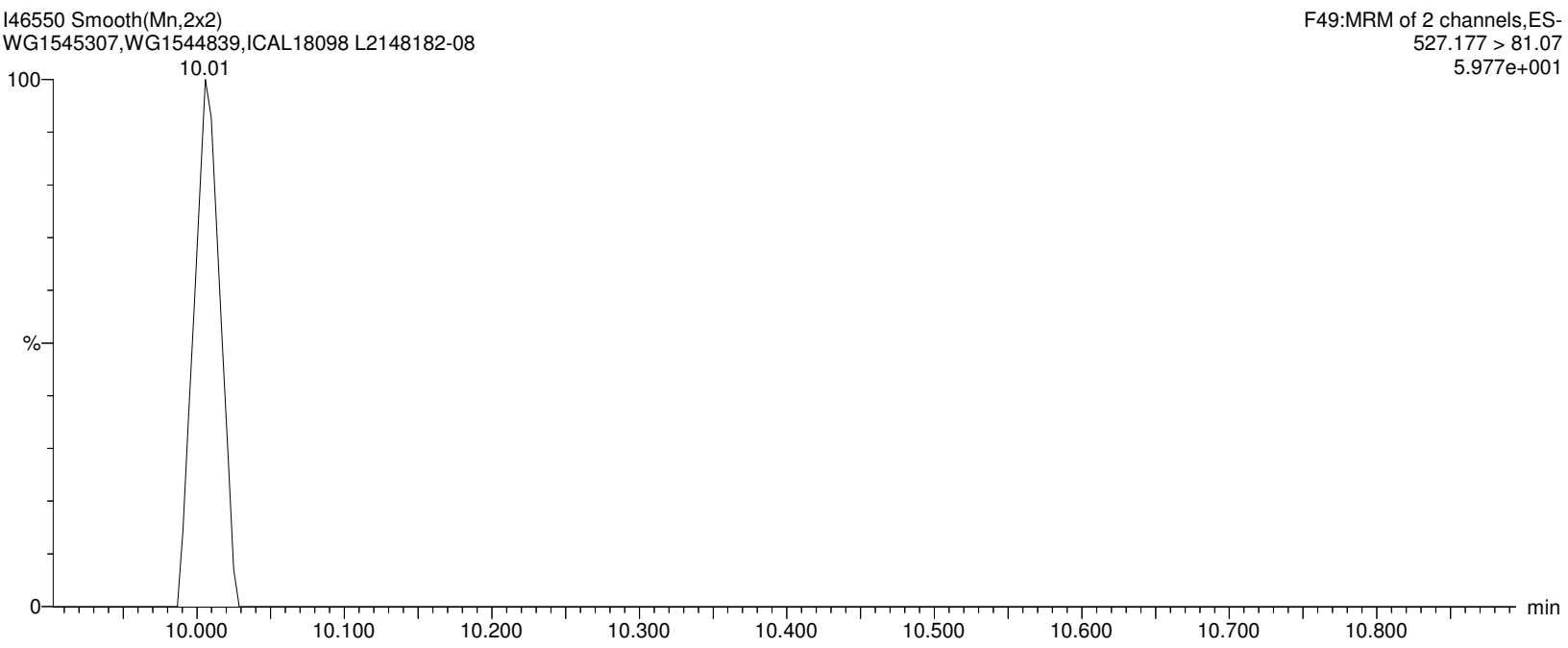
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:12 Eastern Daylight Time

Name: I46550
ID: L2148182-08
Date: 11-Sep-2021
Time: 19:44:30
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

8:2FTS



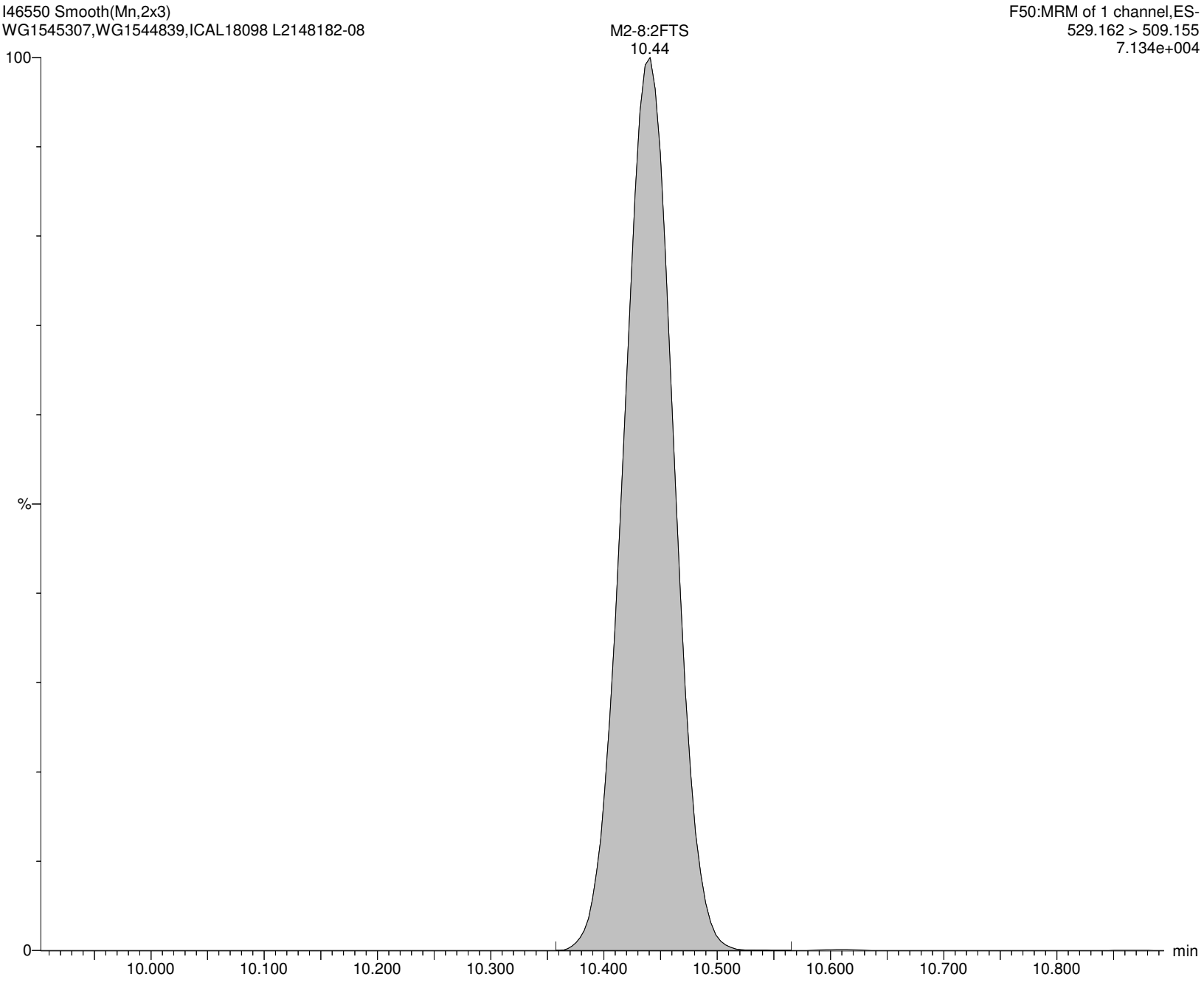


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:12 Eastern Daylight Time

Name: I46550
ID: L2148182-08
Date: 11-Sep-2021
Time: 19:44:30
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-8:2FTS

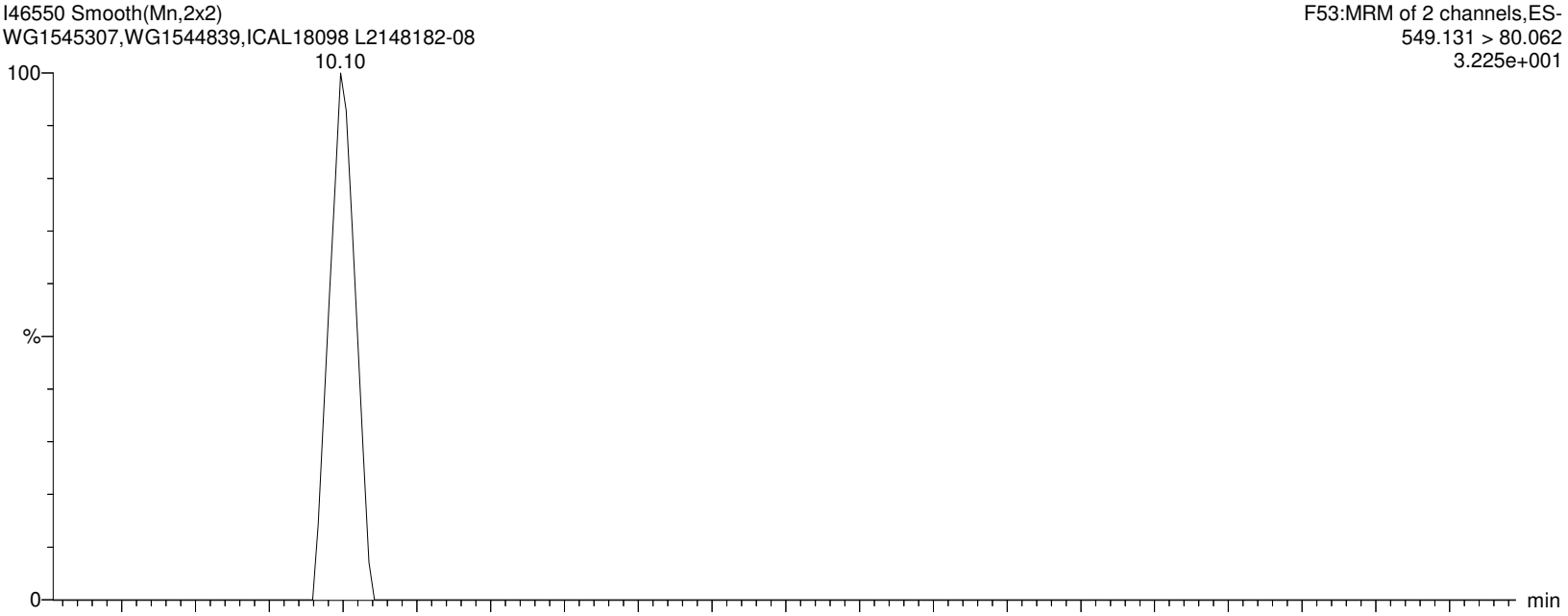


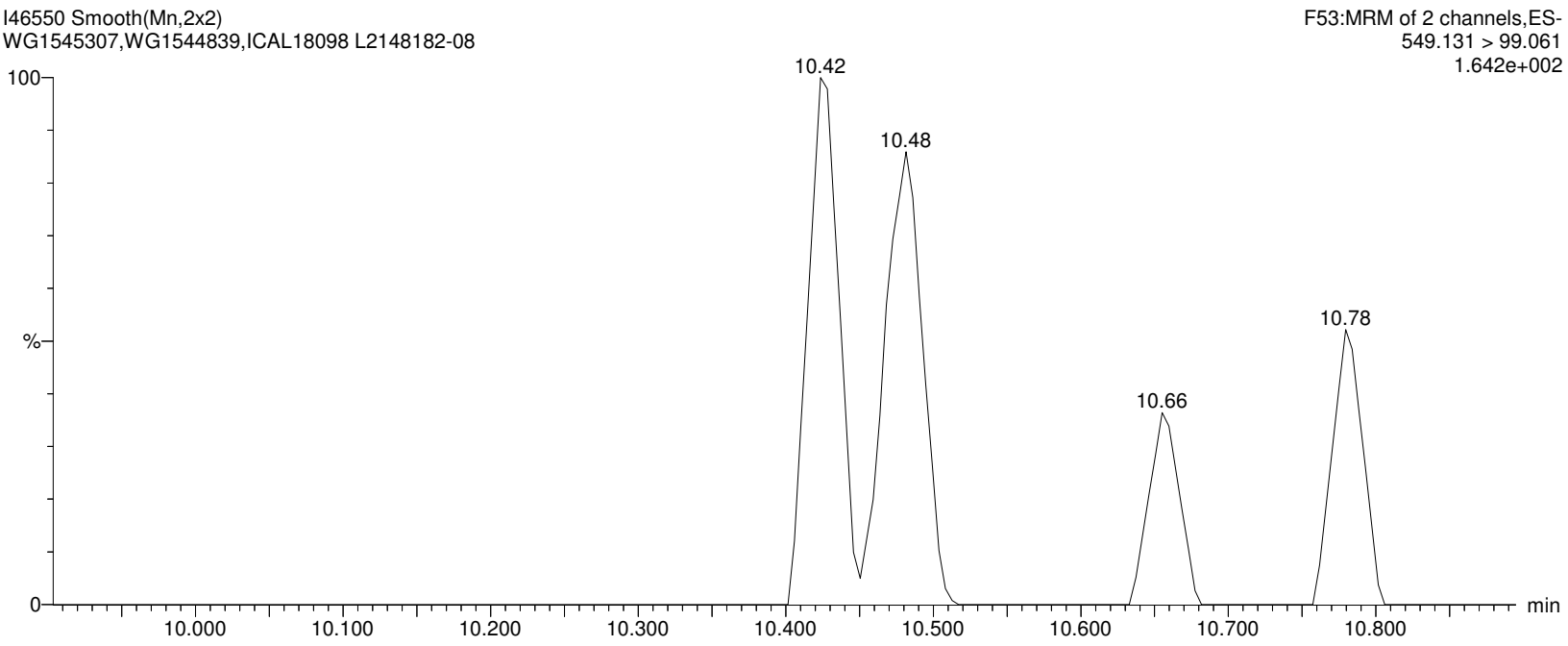
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:12 Eastern Daylight Time

Name: I46550
ID: L2148182-08
Date: 11-Sep-2021
Time: 19:44:30
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNS



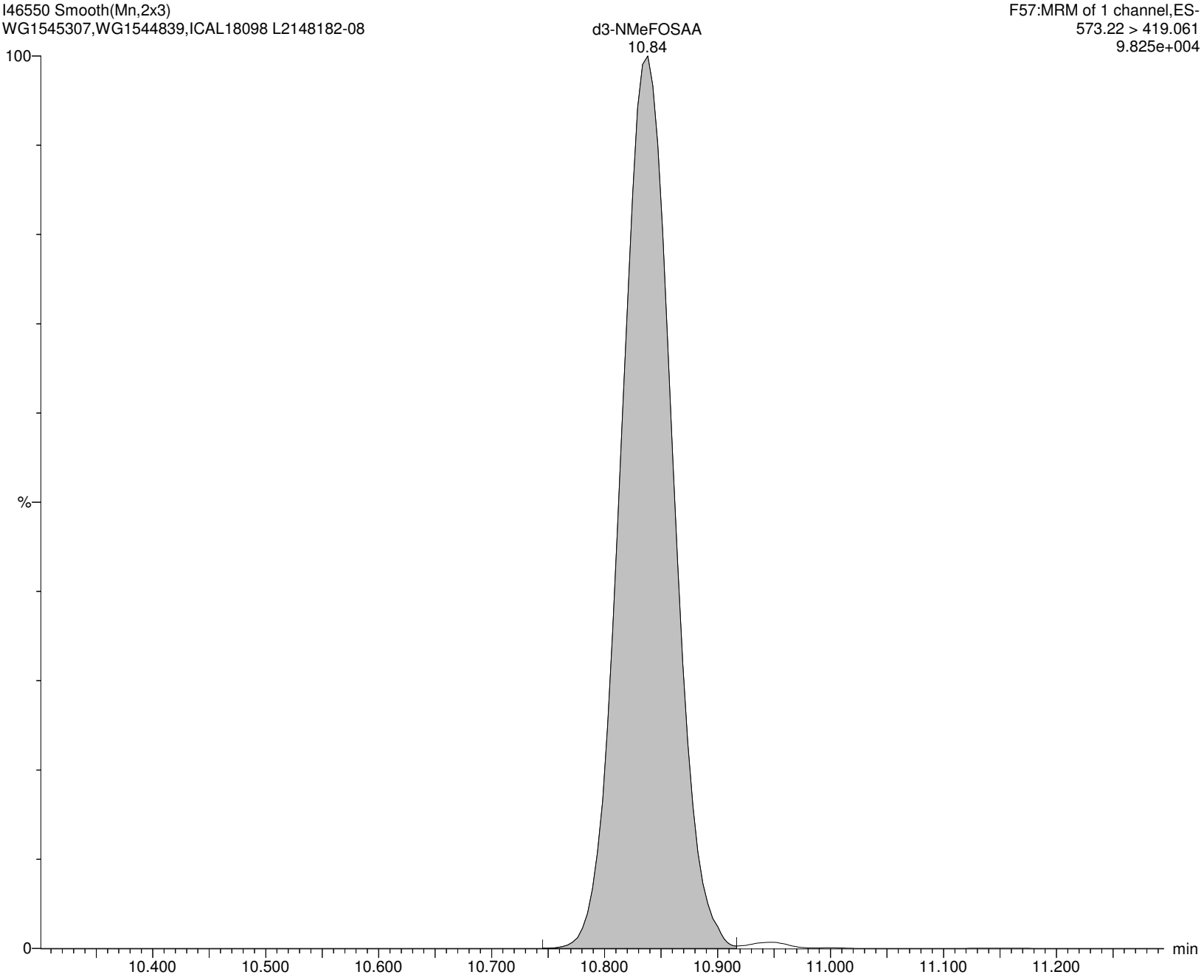


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:12 Eastern Daylight Time

Name: I46550
ID: L2148182-08
Date: 11-Sep-2021
Time: 19:44:30
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSAA

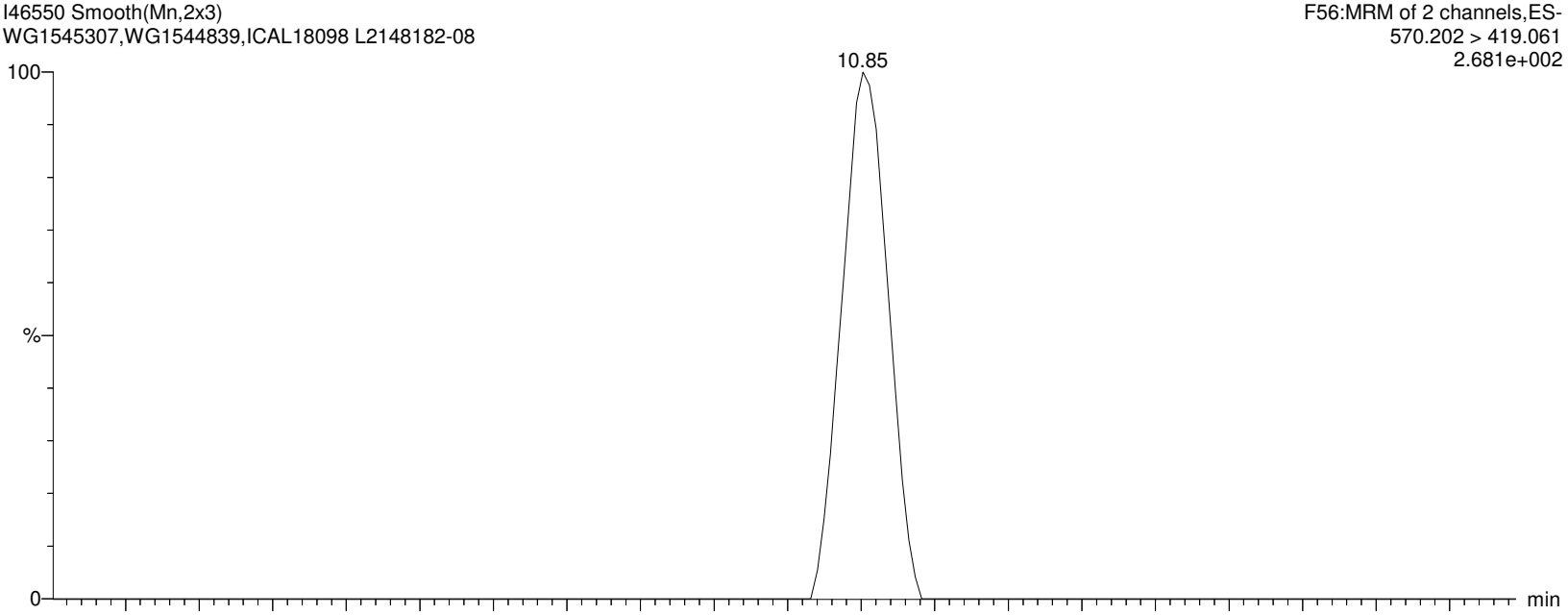


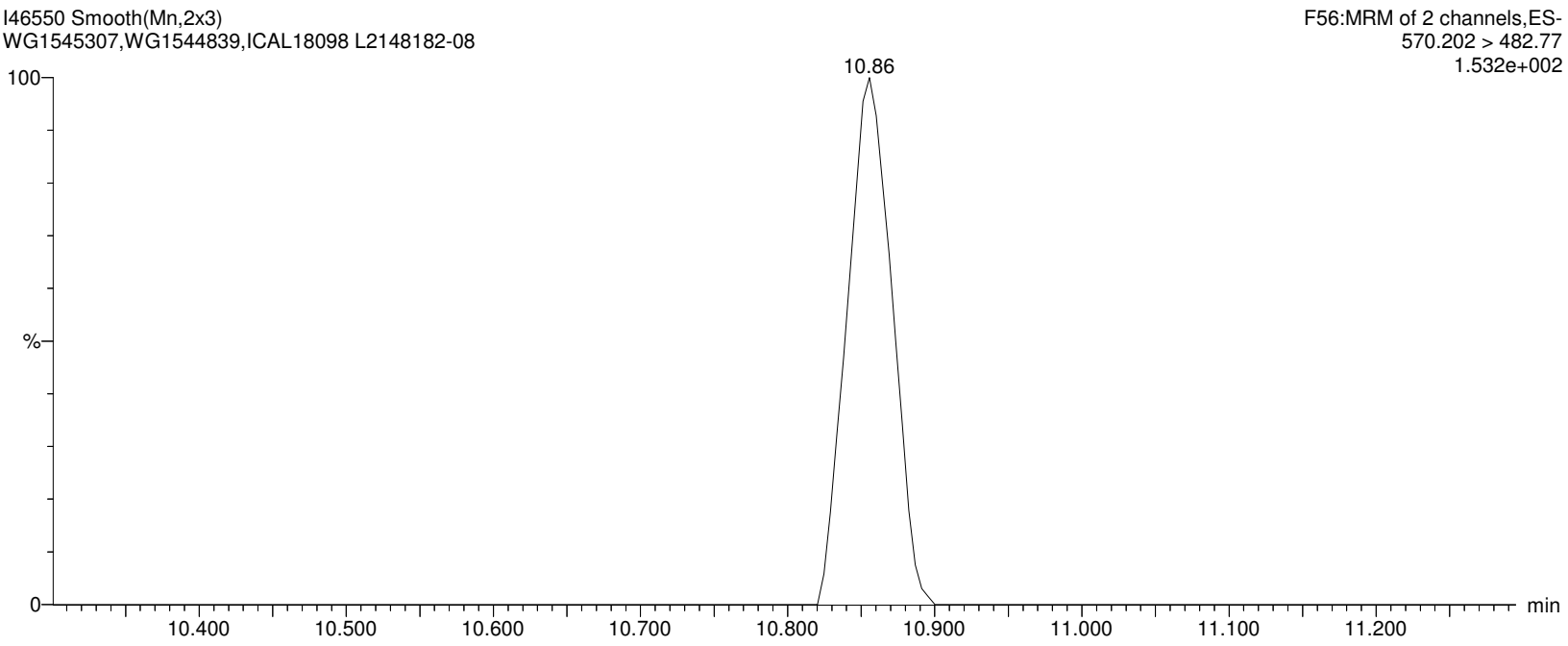
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:12 Eastern Daylight Time

Name: I46550
ID: L2148182-08
Date: 11-Sep-2021
Time: 19:44:30
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NMeFOSAA



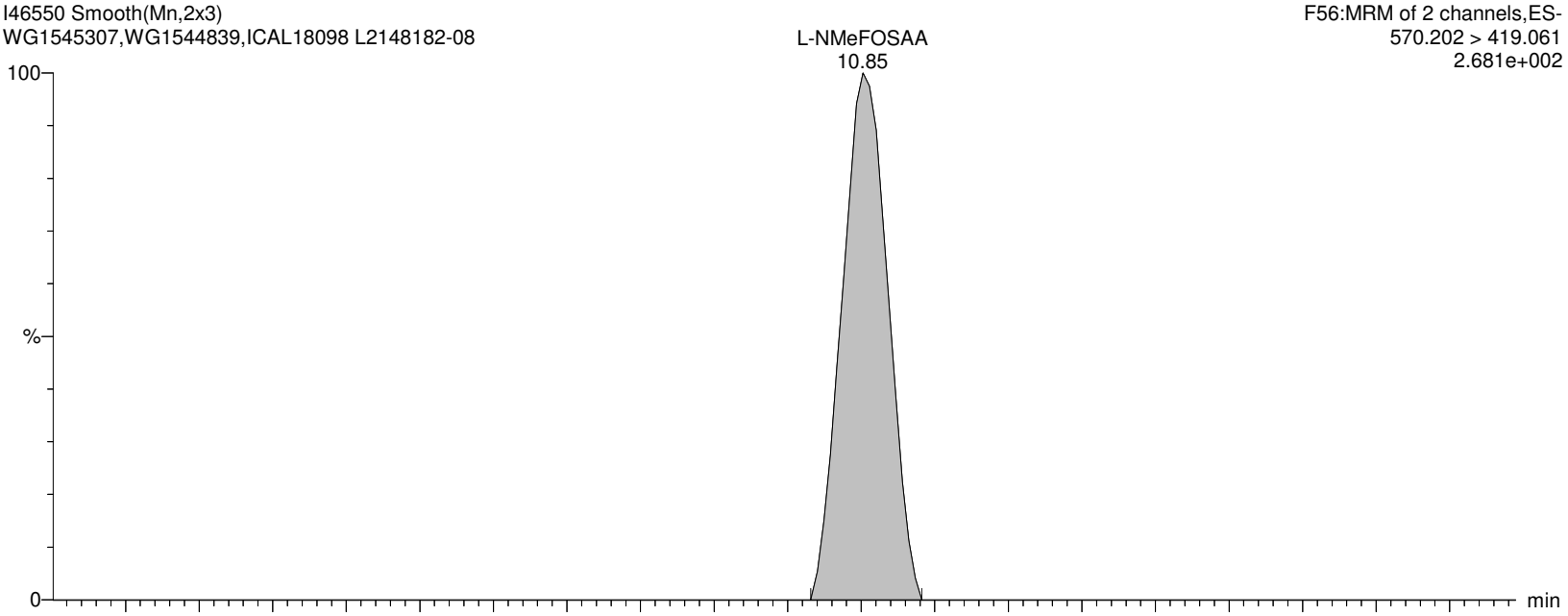


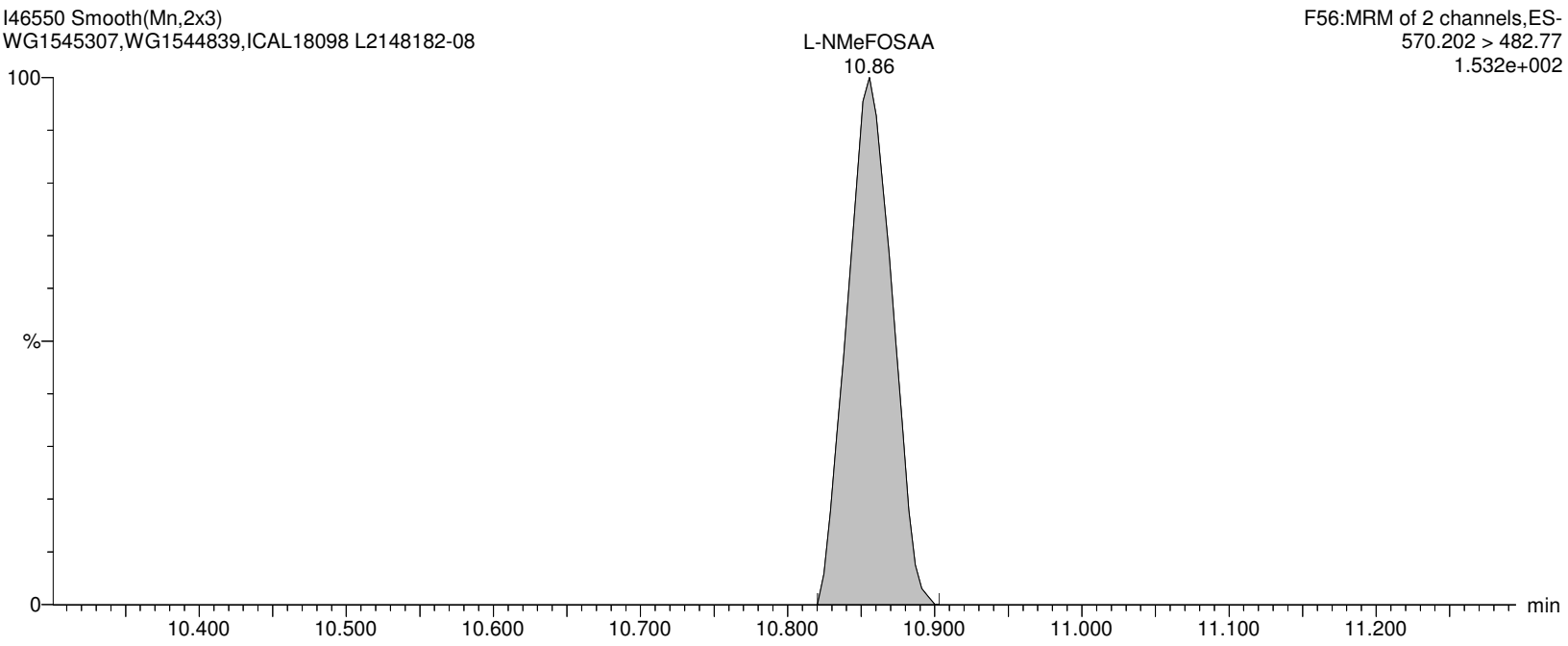
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:12 Eastern Daylight Time

Name: I46550
ID: L2148182-08
Date: 11-Sep-2021
Time: 19:44:30
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NMeFOSAA



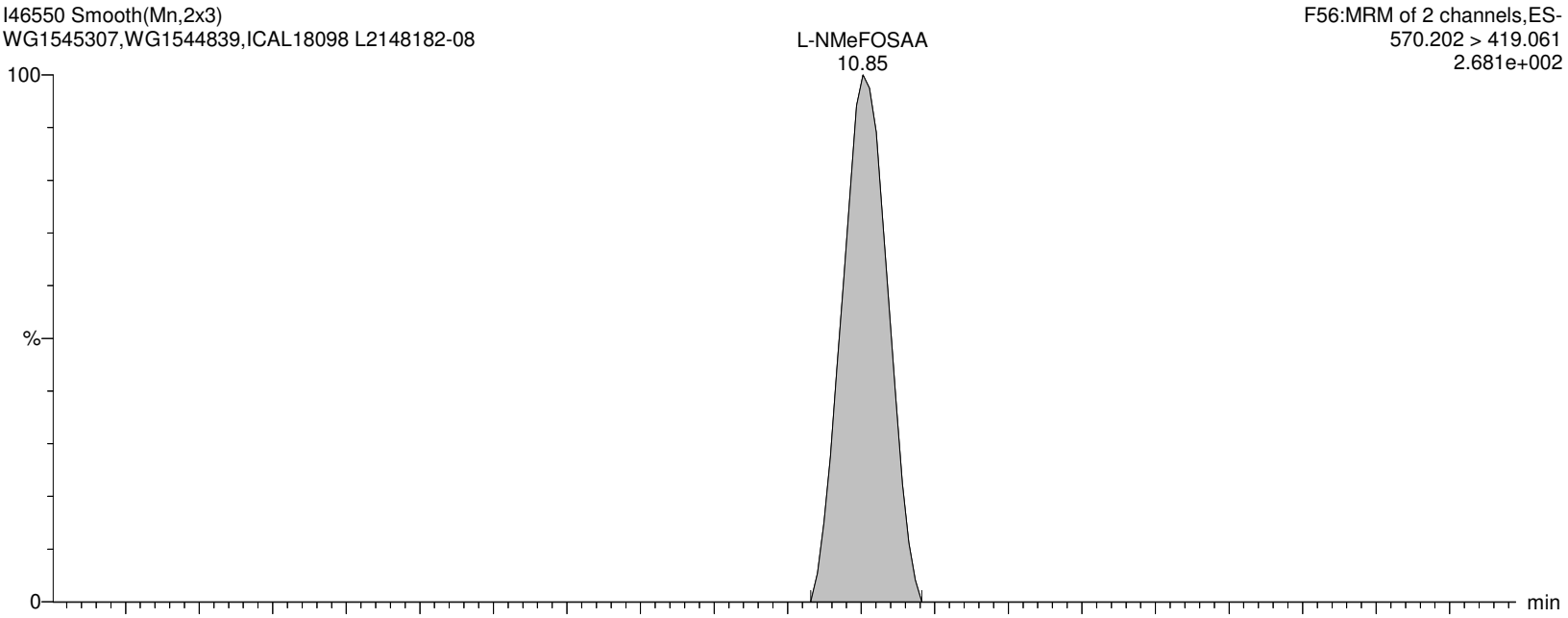


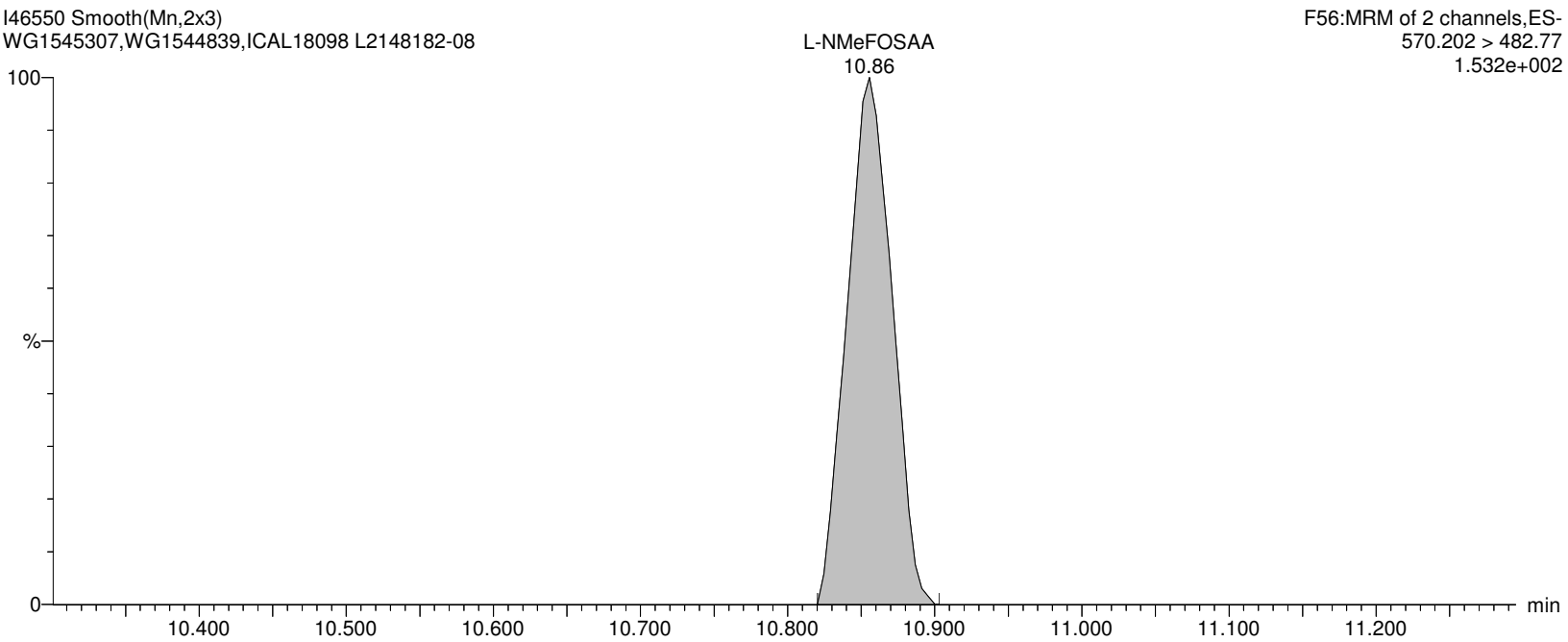
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:12 Eastern Daylight Time

Name: I46550
ID: L2148182-08
Date: 11-Sep-2021
Time: 19:44:30
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSAA



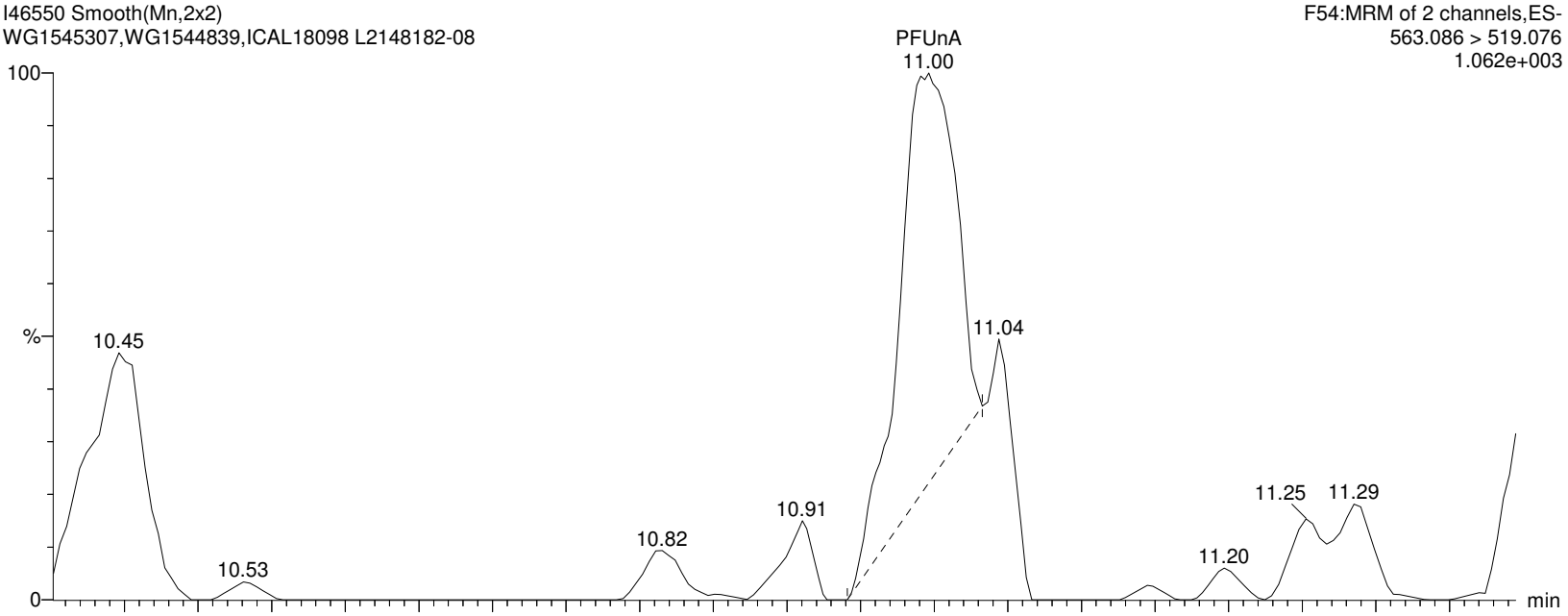


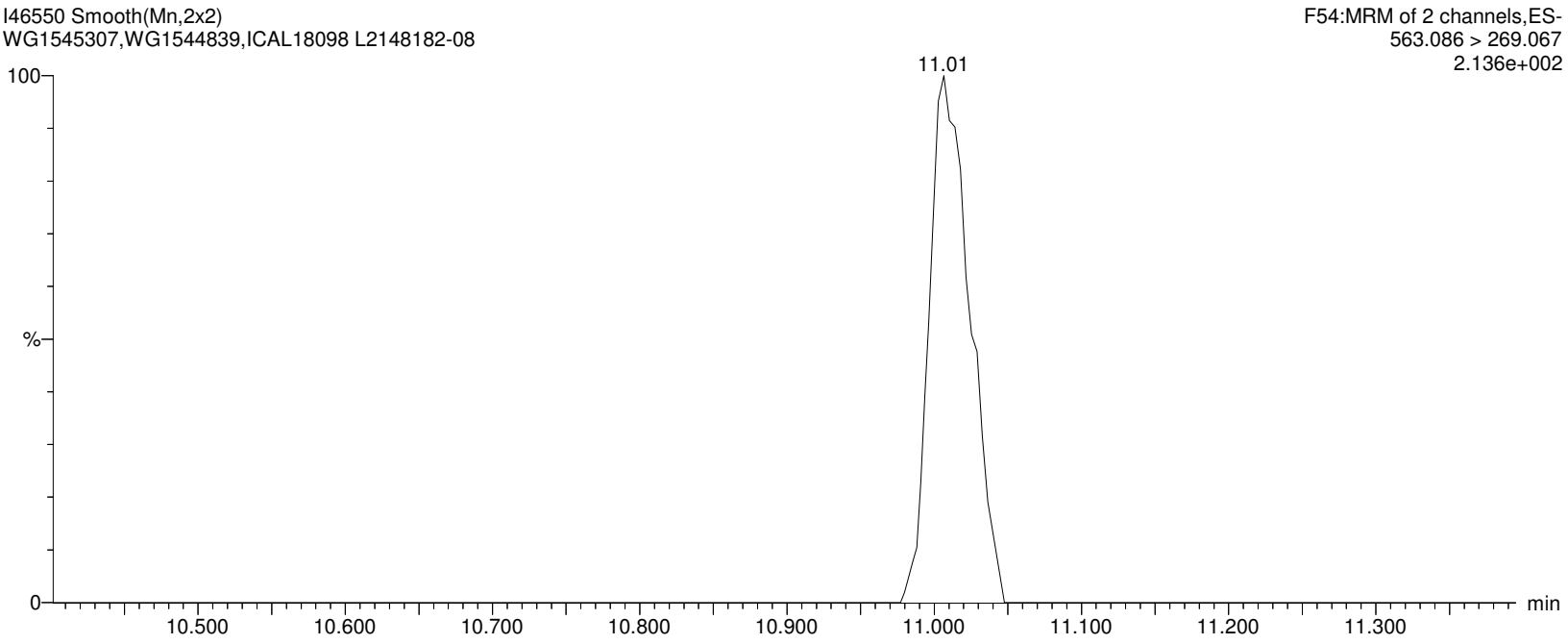
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:12 Eastern Daylight Time

Name: I46550
ID: L2148182-08
Date: 11-Sep-2021
Time: 19:44:30
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFUnA



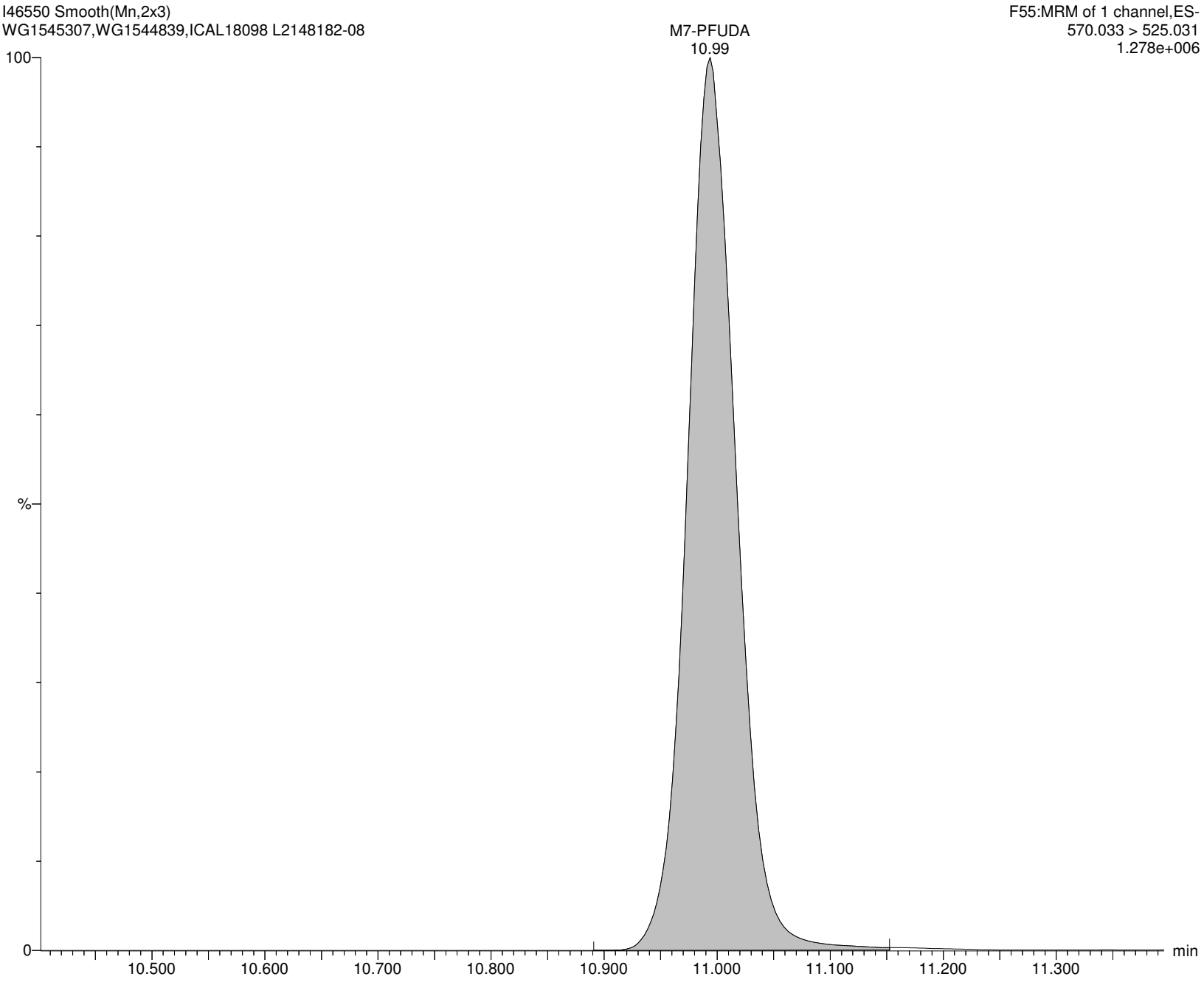


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:12 Eastern Daylight Time

Name: I46550
ID: L2148182-08
Date: 11-Sep-2021
Time: 19:44:30
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M7-PFUDA

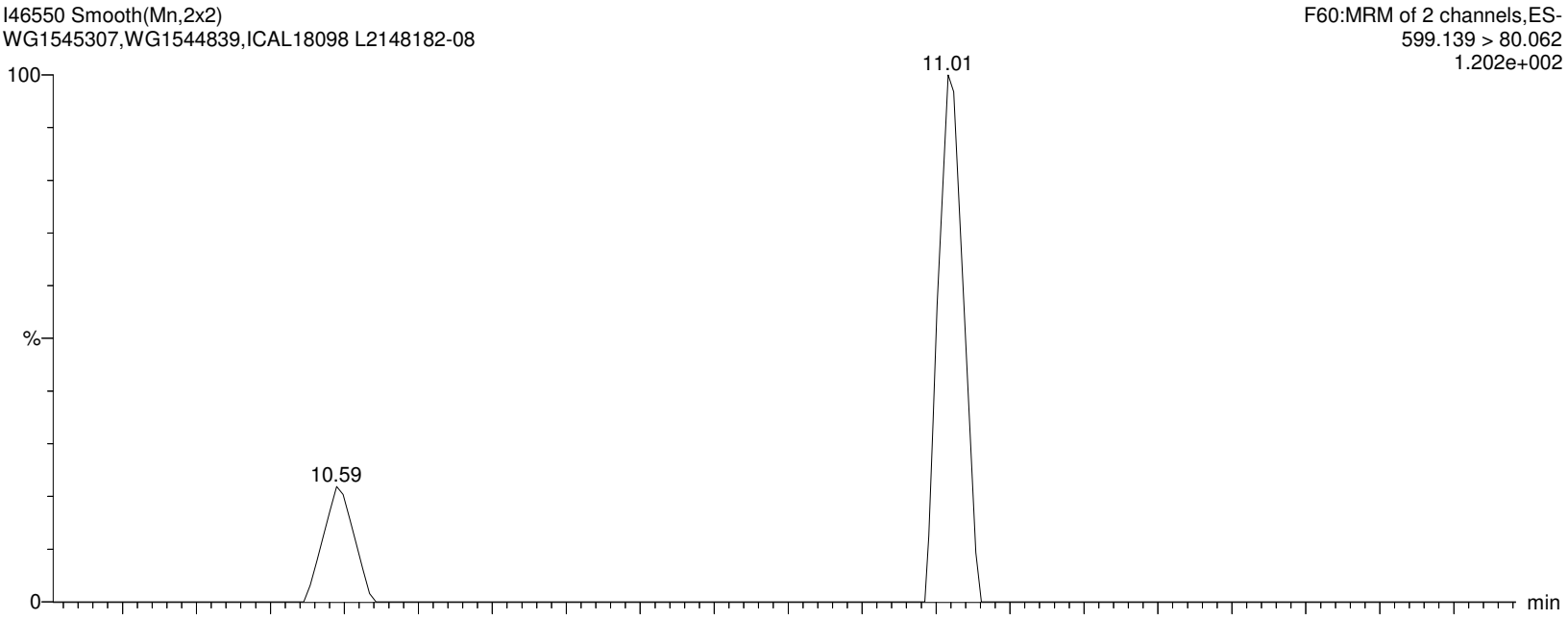


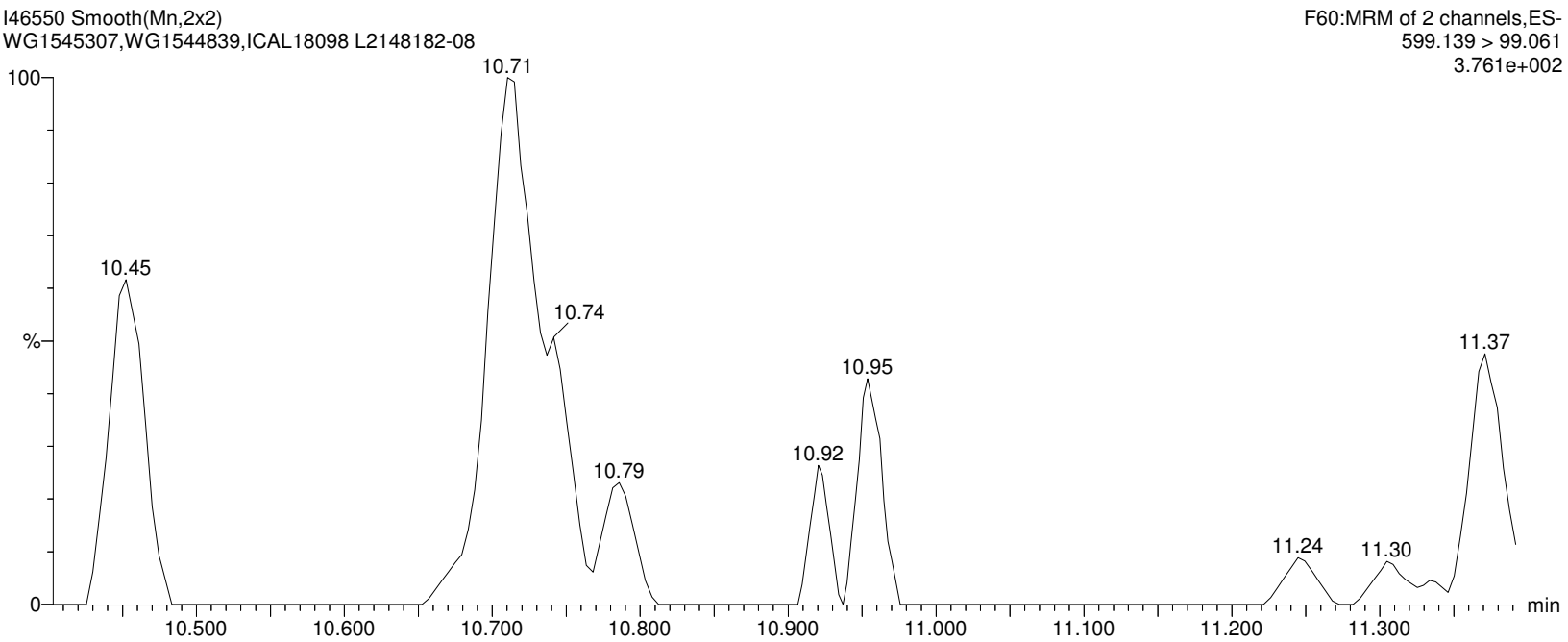
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:12 Eastern Daylight Time

Name: I46550
ID: L2148182-08
Date: 11-Sep-2021
Time: 19:44:30
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDS



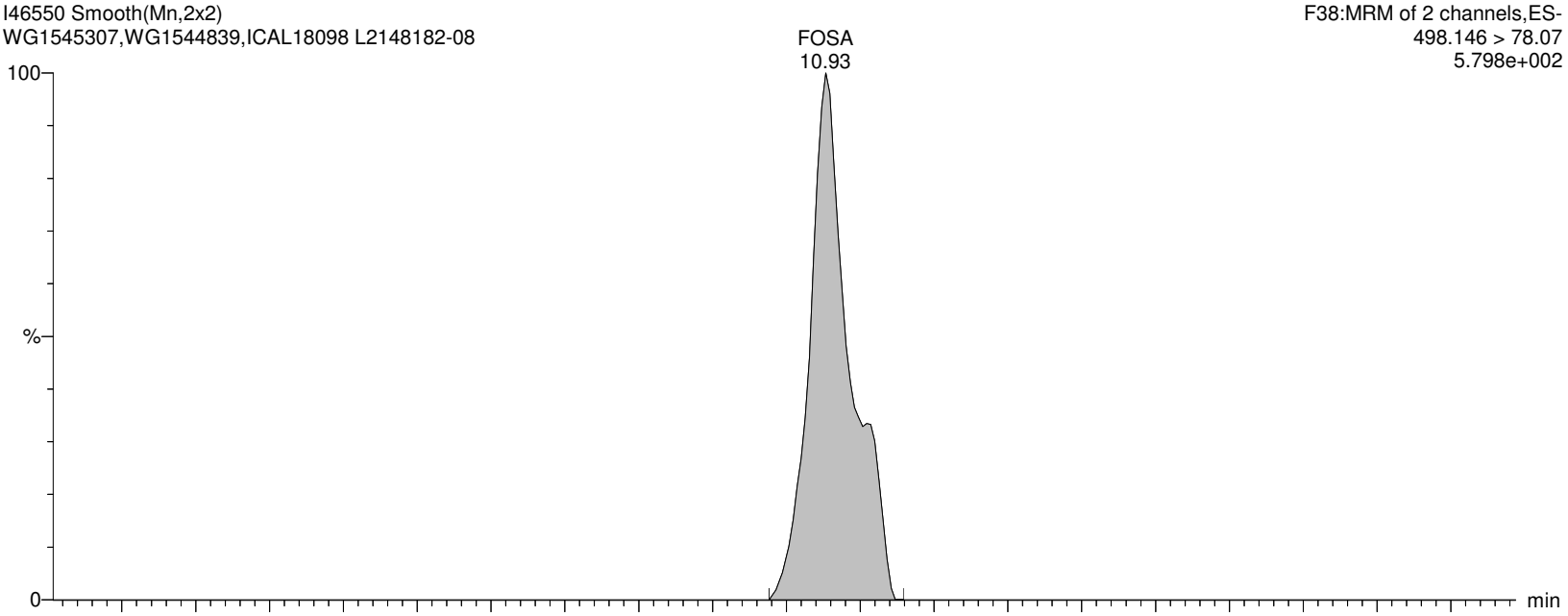


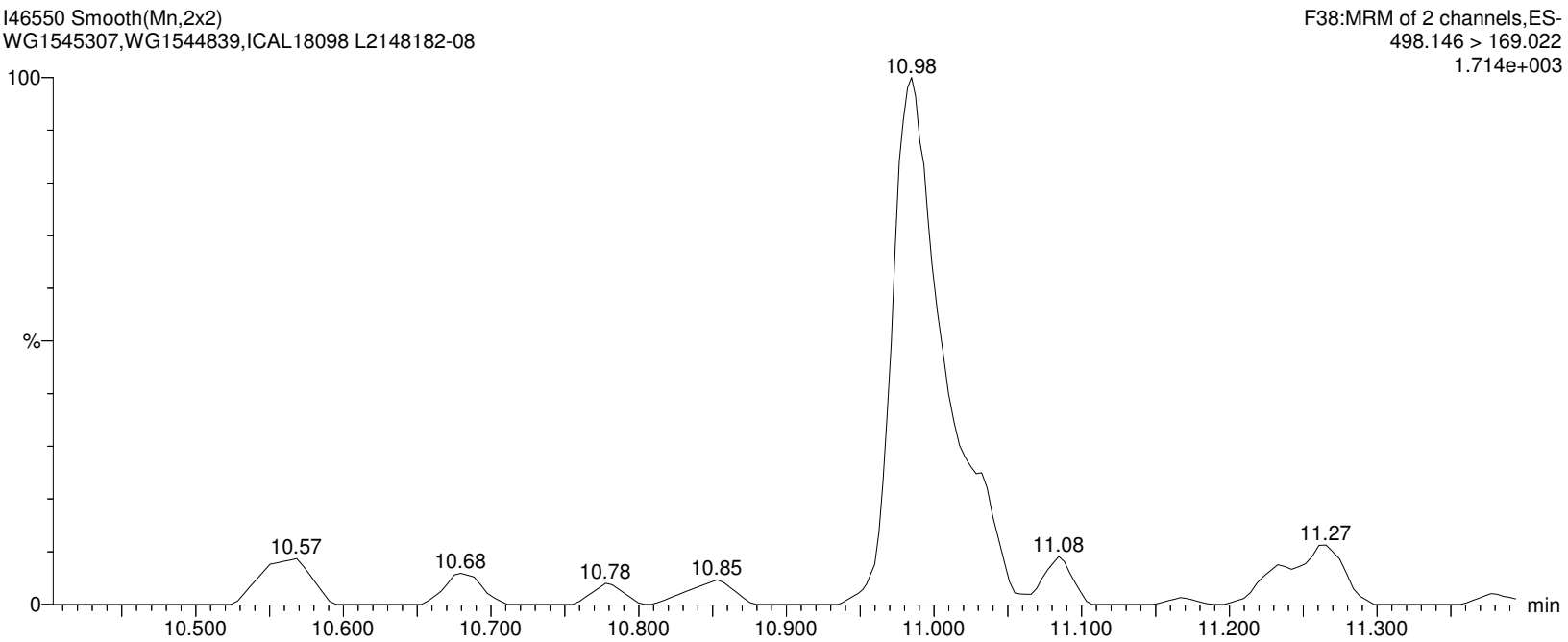
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:12 Eastern Daylight Time

Name: I46550
ID: L2148182-08
Date: 11-Sep-2021
Time: 19:44:30
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

FOSA



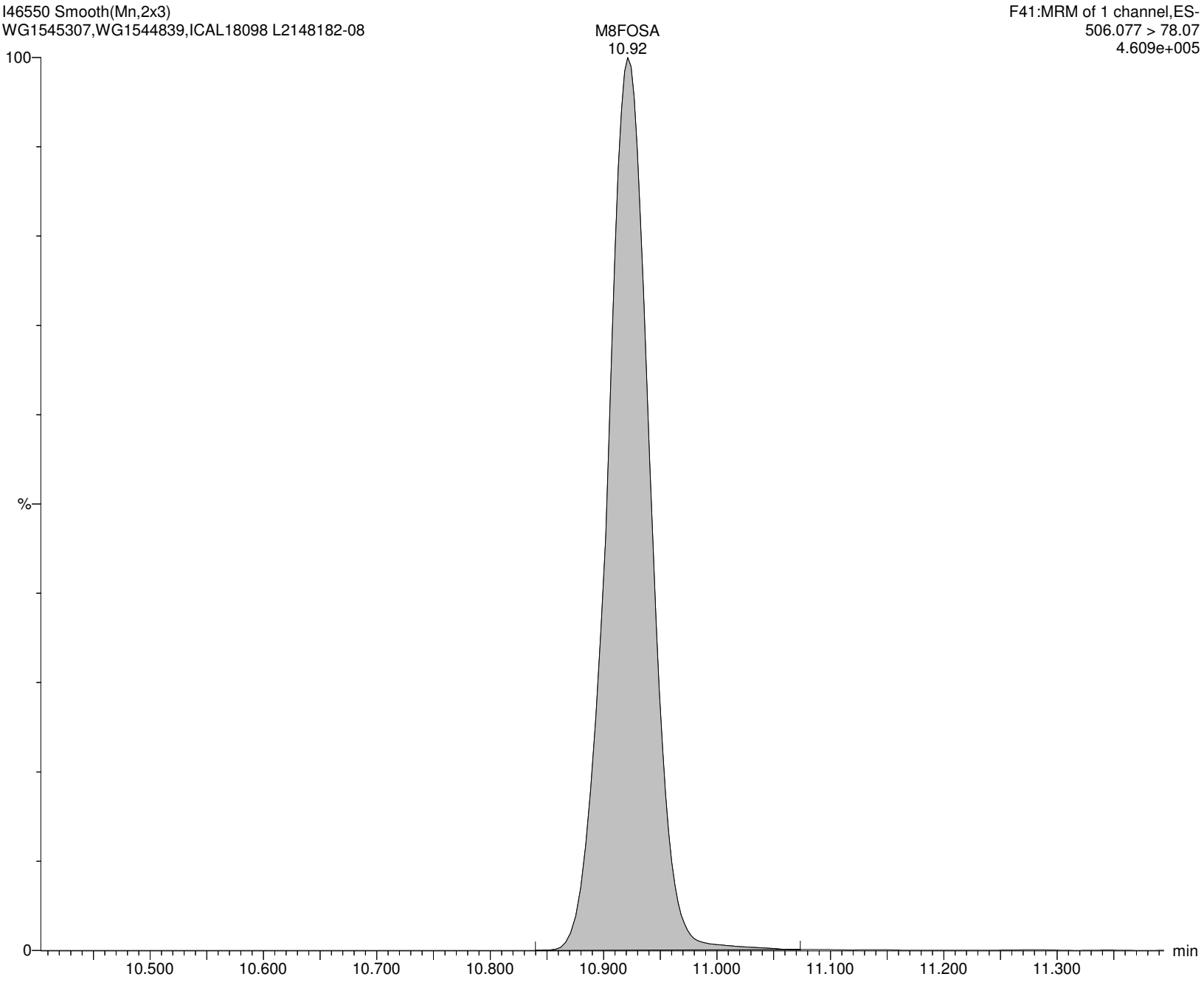


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:12 Eastern Daylight Time

Name: I46550
ID: L2148182-08
Date: 11-Sep-2021
Time: 19:44:30
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8FOSA

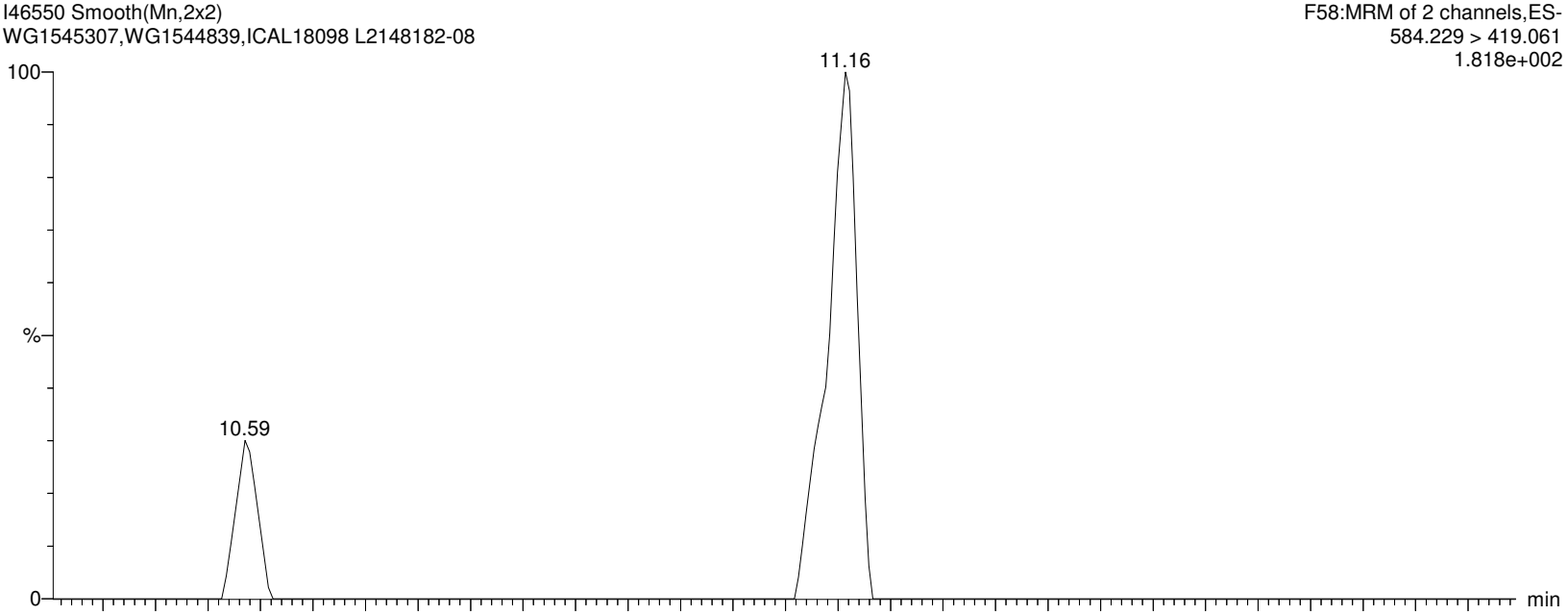


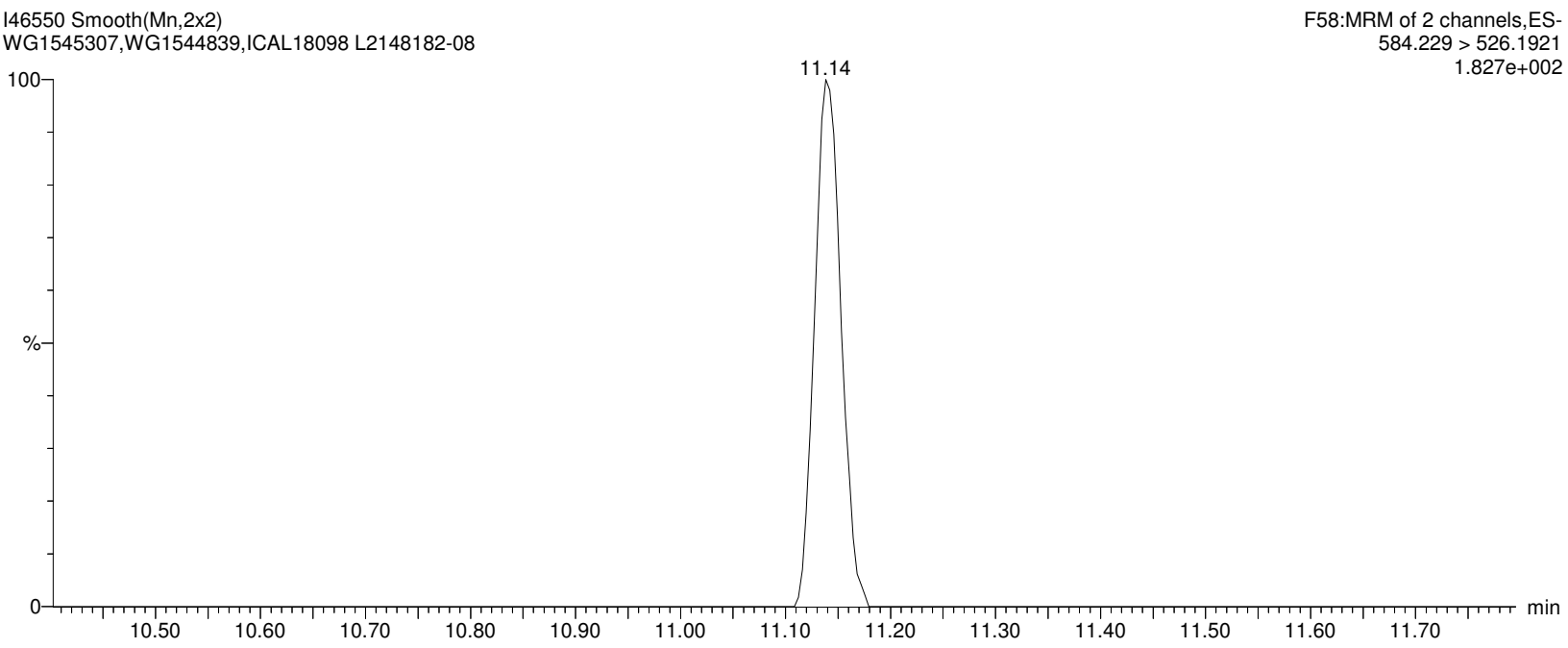
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:12 Eastern Daylight Time

Name: I46550
ID: L2148182-08
Date: 11-Sep-2021
Time: 19:44:30
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NEtFOSAA



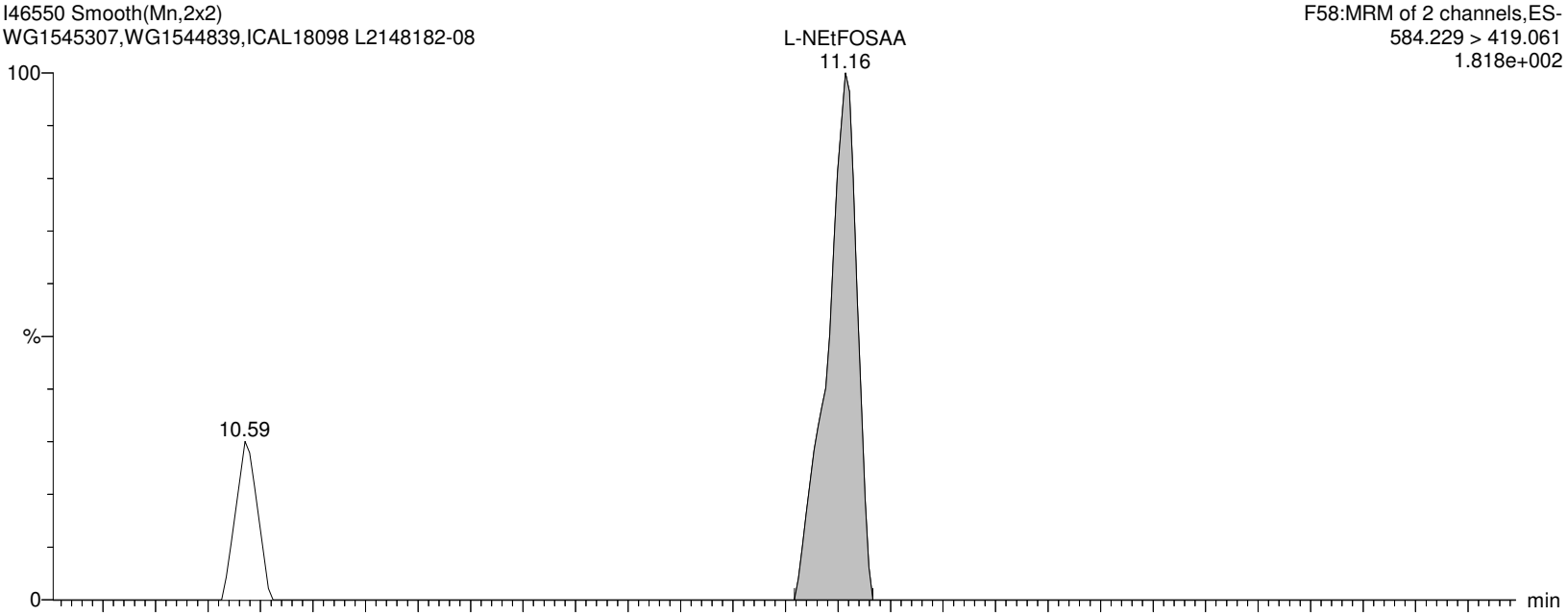


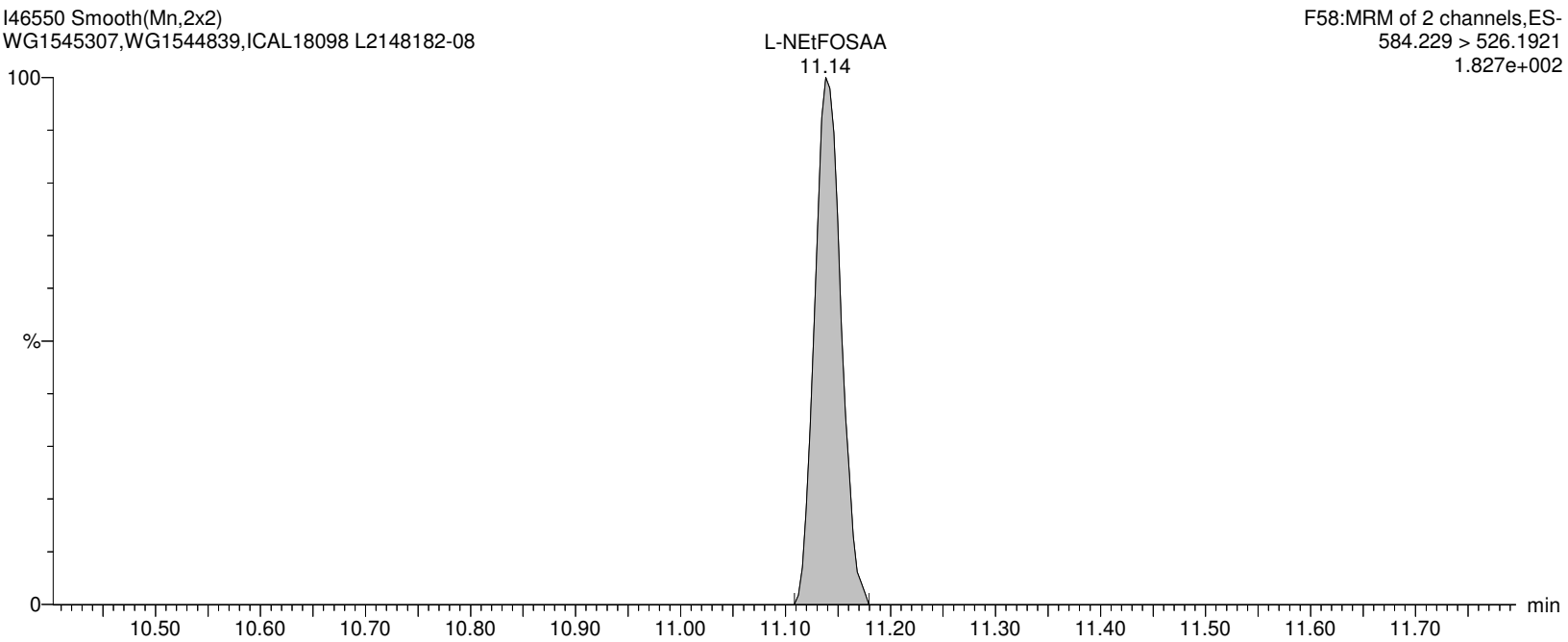
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:12 Eastern Daylight Time

Name: I46550
ID: L2148182-08
Date: 11-Sep-2021
Time: 19:44:30
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NEtFOSAA



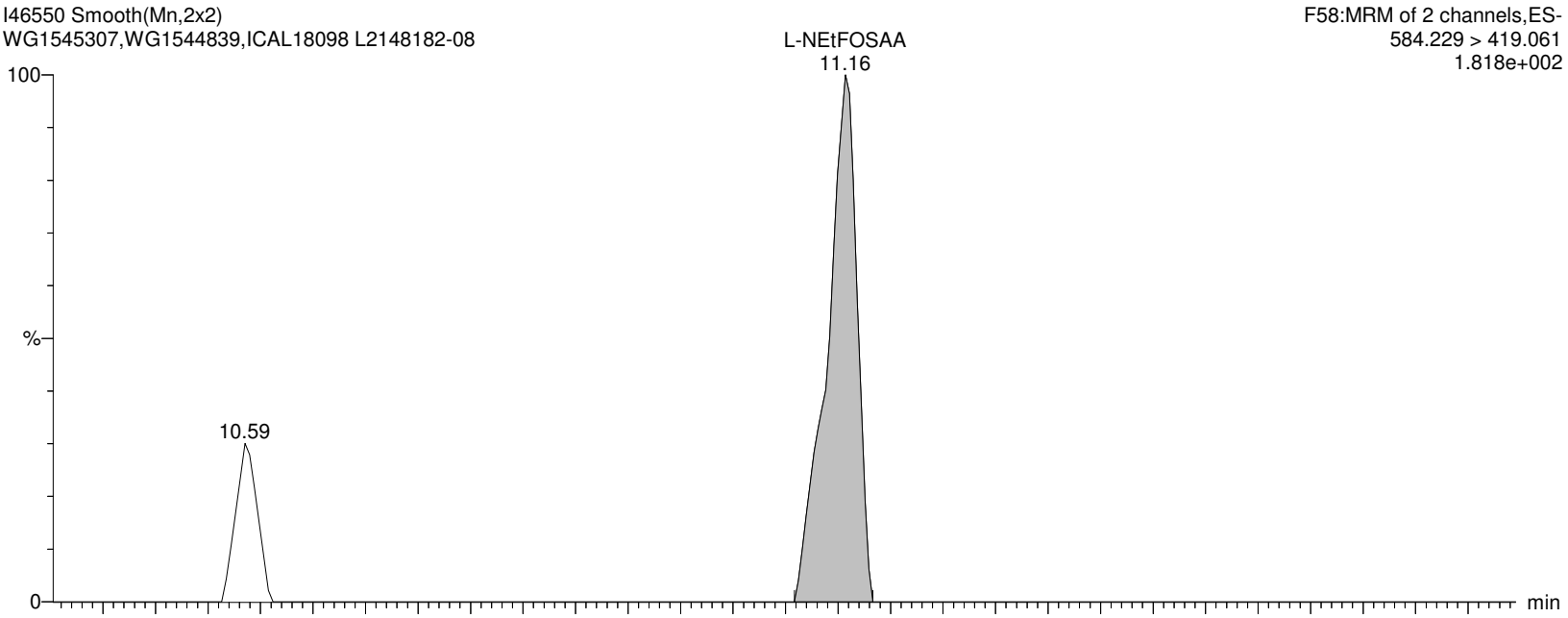


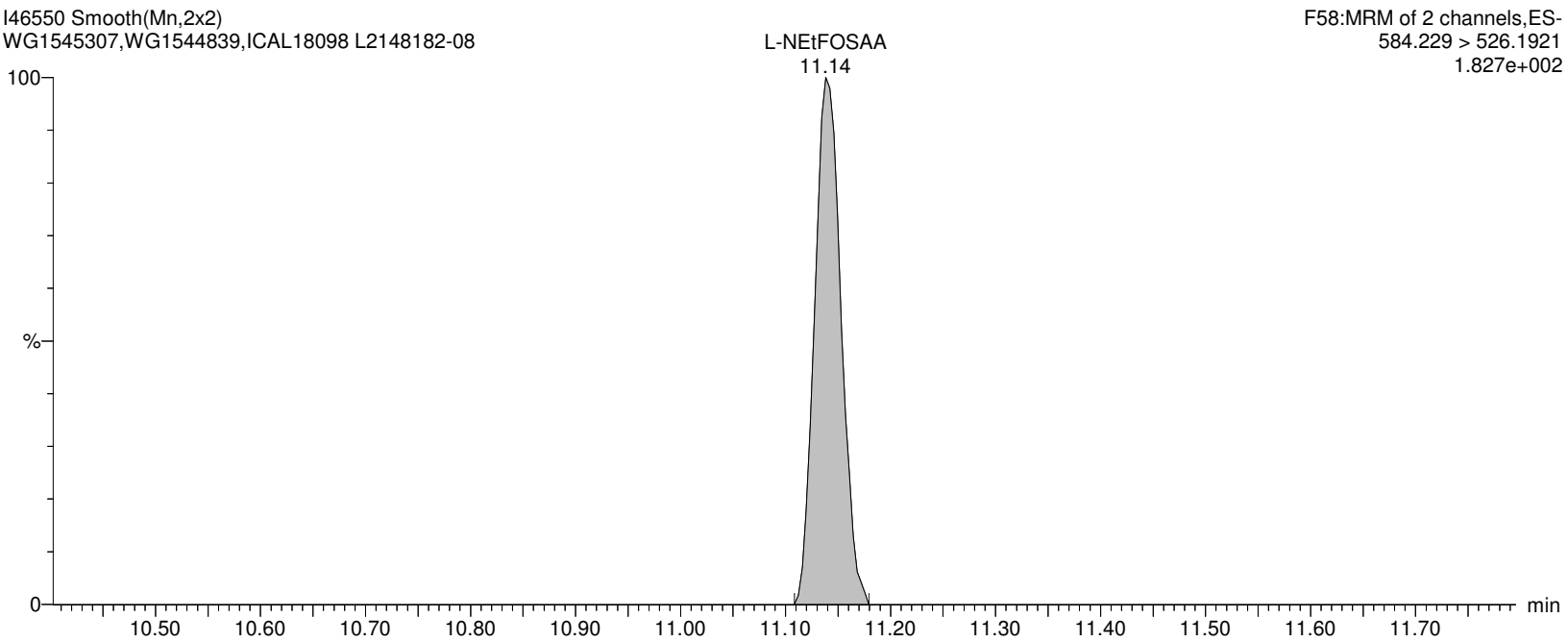
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:12 Eastern Daylight Time

Name: I46550
ID: L2148182-08
Date: 11-Sep-2021
Time: 19:44:30
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSAA



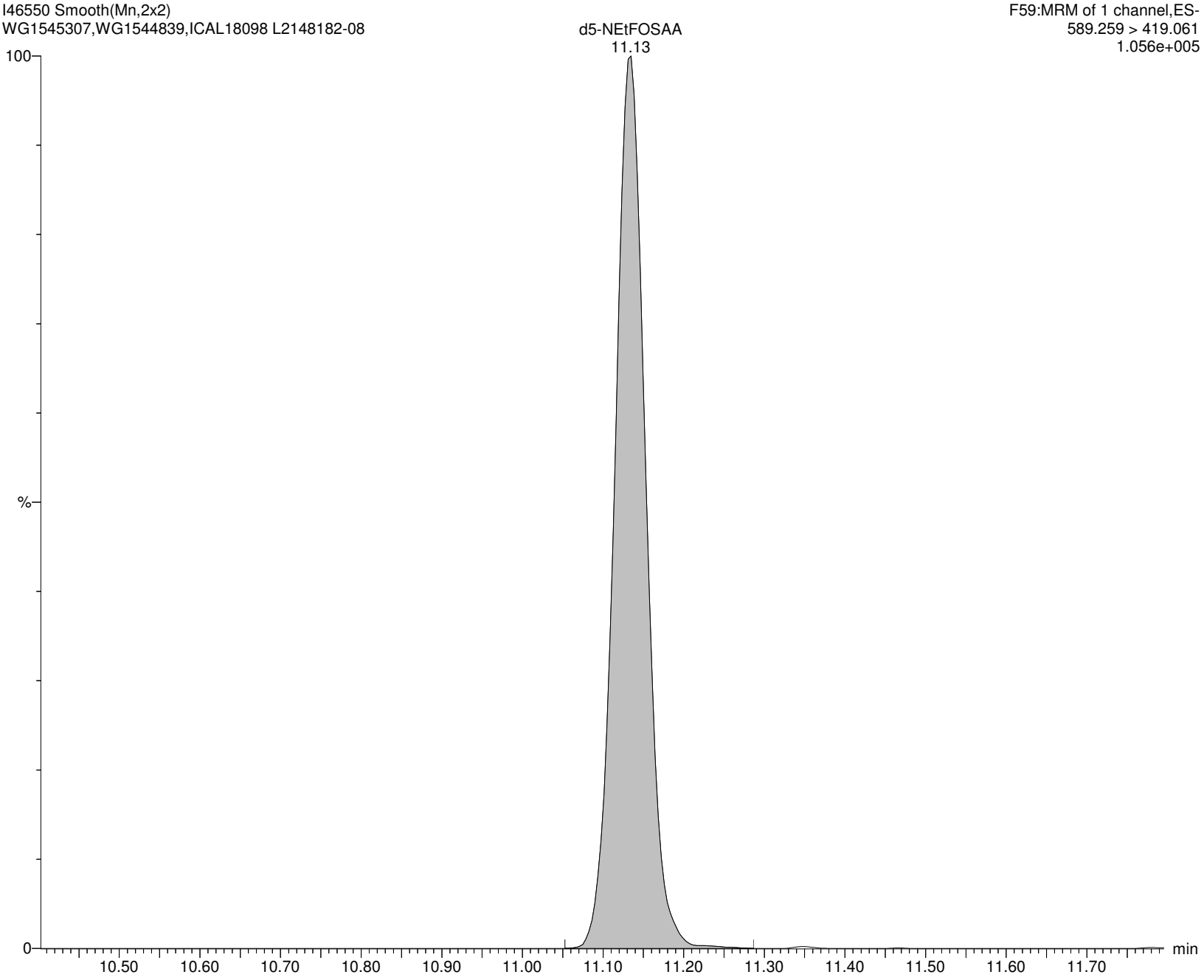


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:12 Eastern Daylight Time

Name: I46550
ID: L2148182-08
Date: 11-Sep-2021
Time: 19:44:30
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSAA

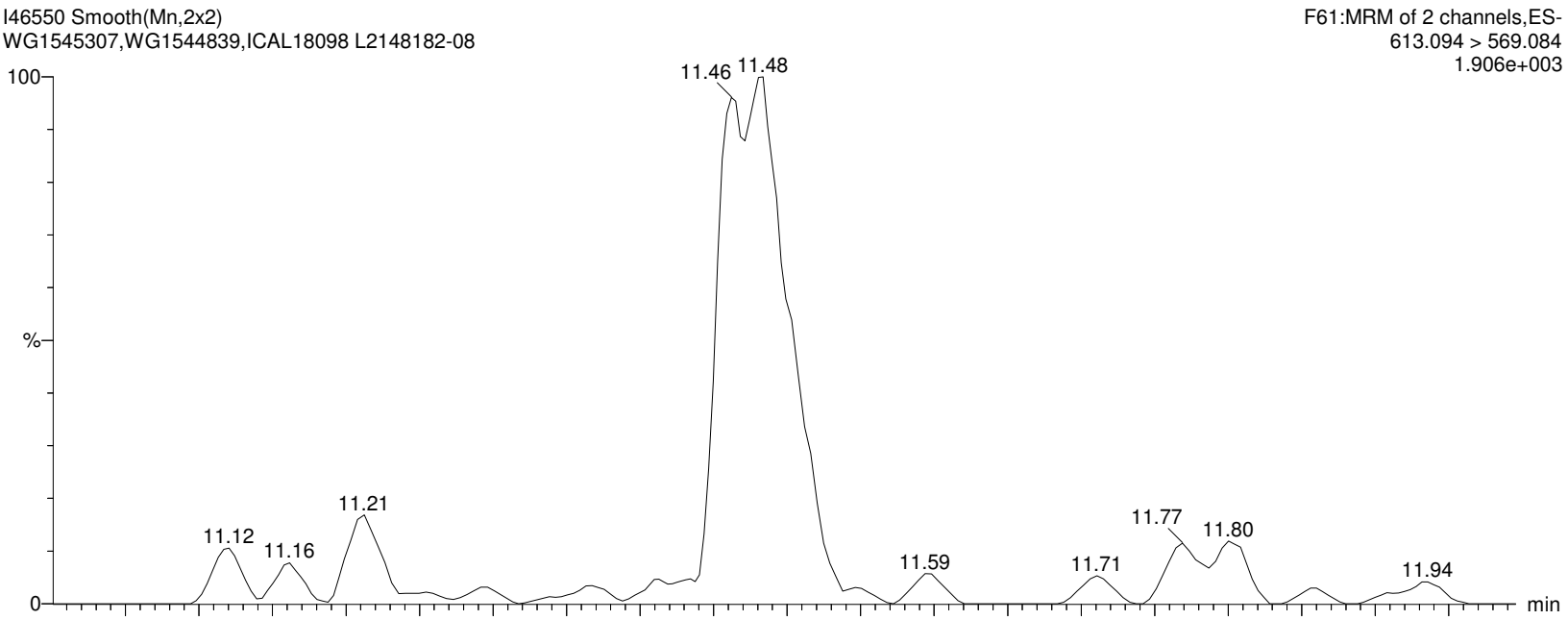


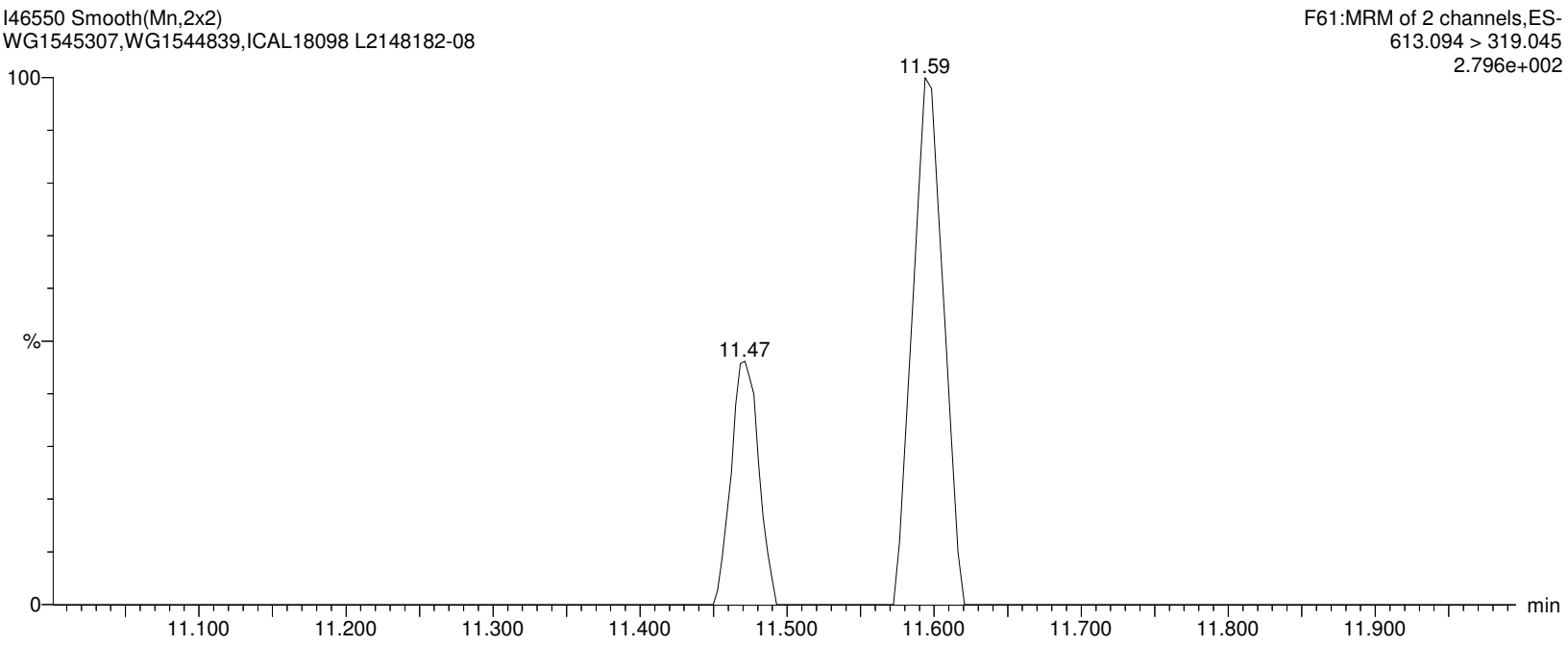
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:12 Eastern Daylight Time

Name: I46550
ID: L2148182-08
Date: 11-Sep-2021
Time: 19:44:30
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoA



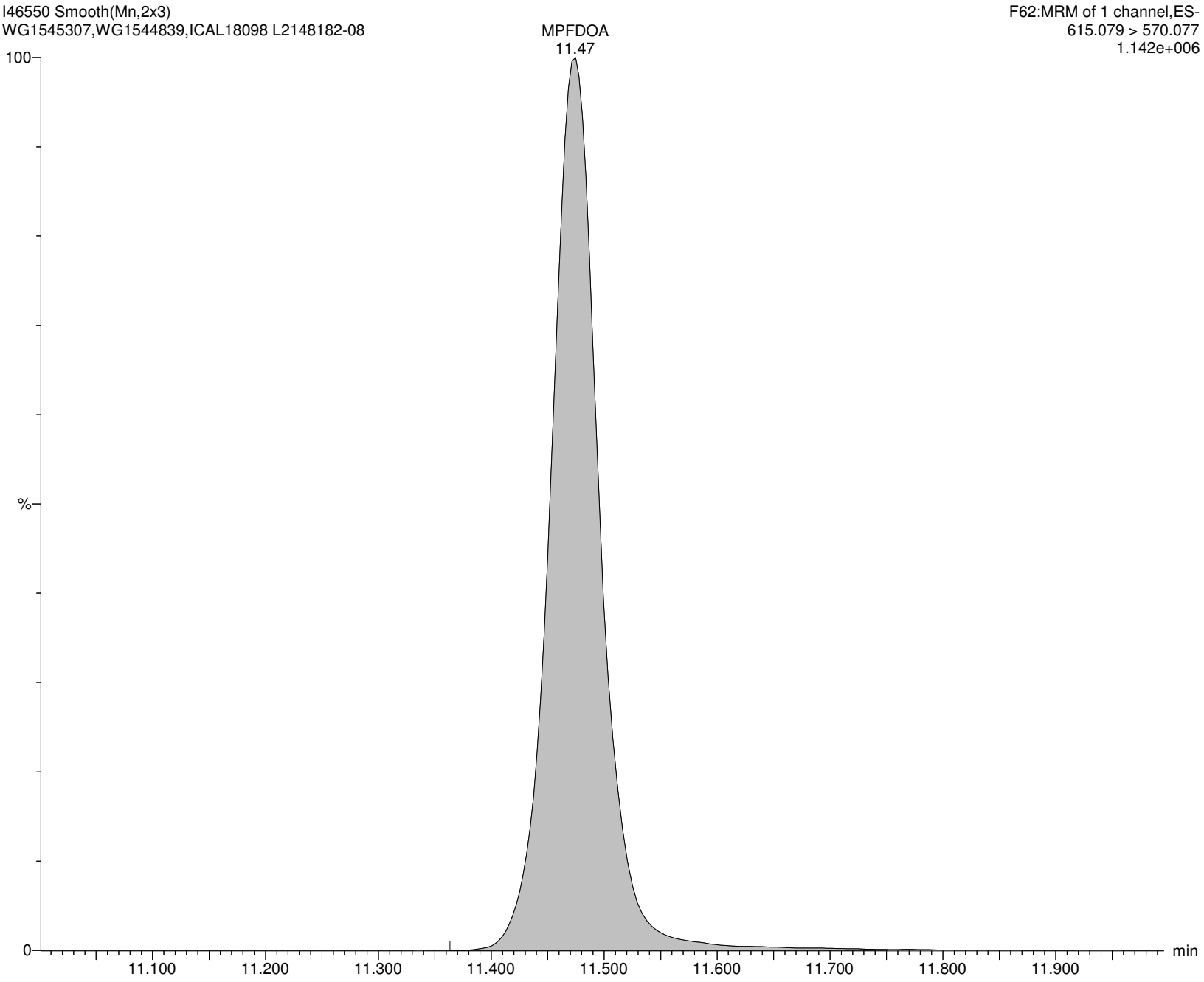


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:12 Eastern Daylight Time

Name: I46550
ID: L2148182-08
Date: 11-Sep-2021
Time: 19:44:30
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFDOA

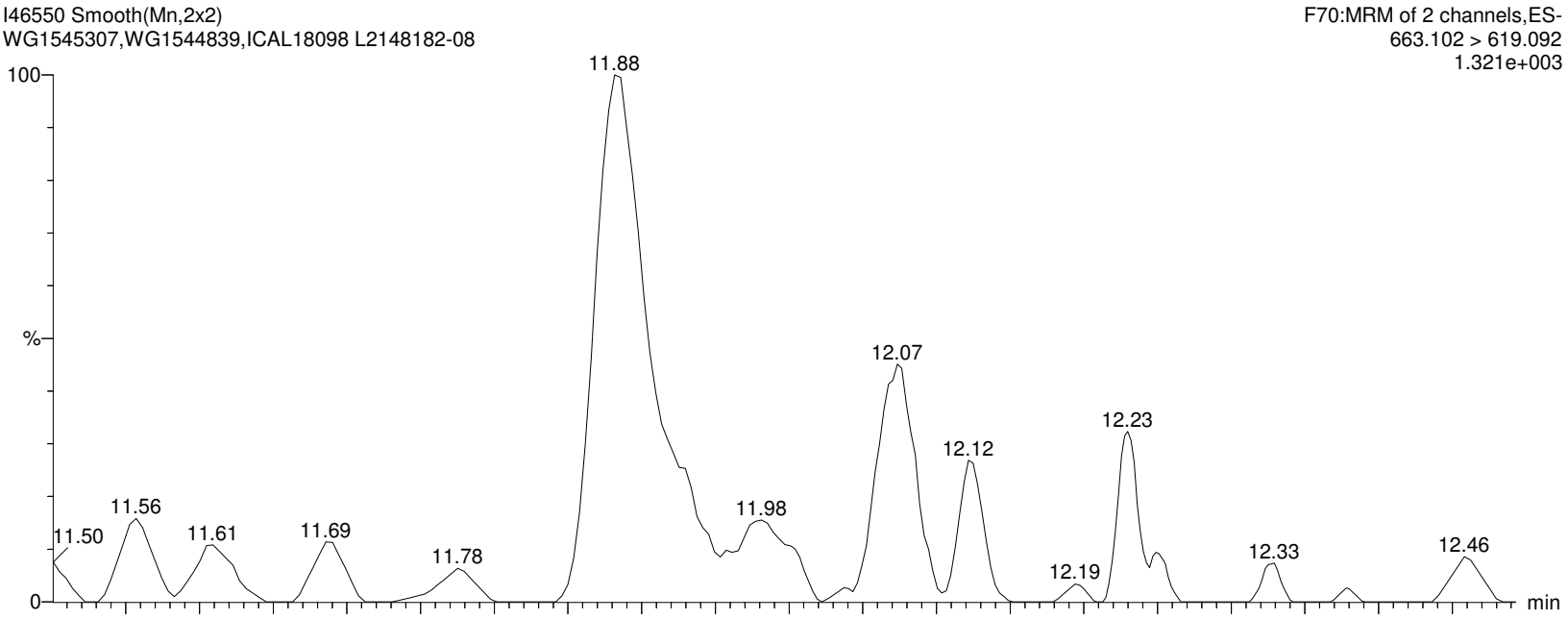


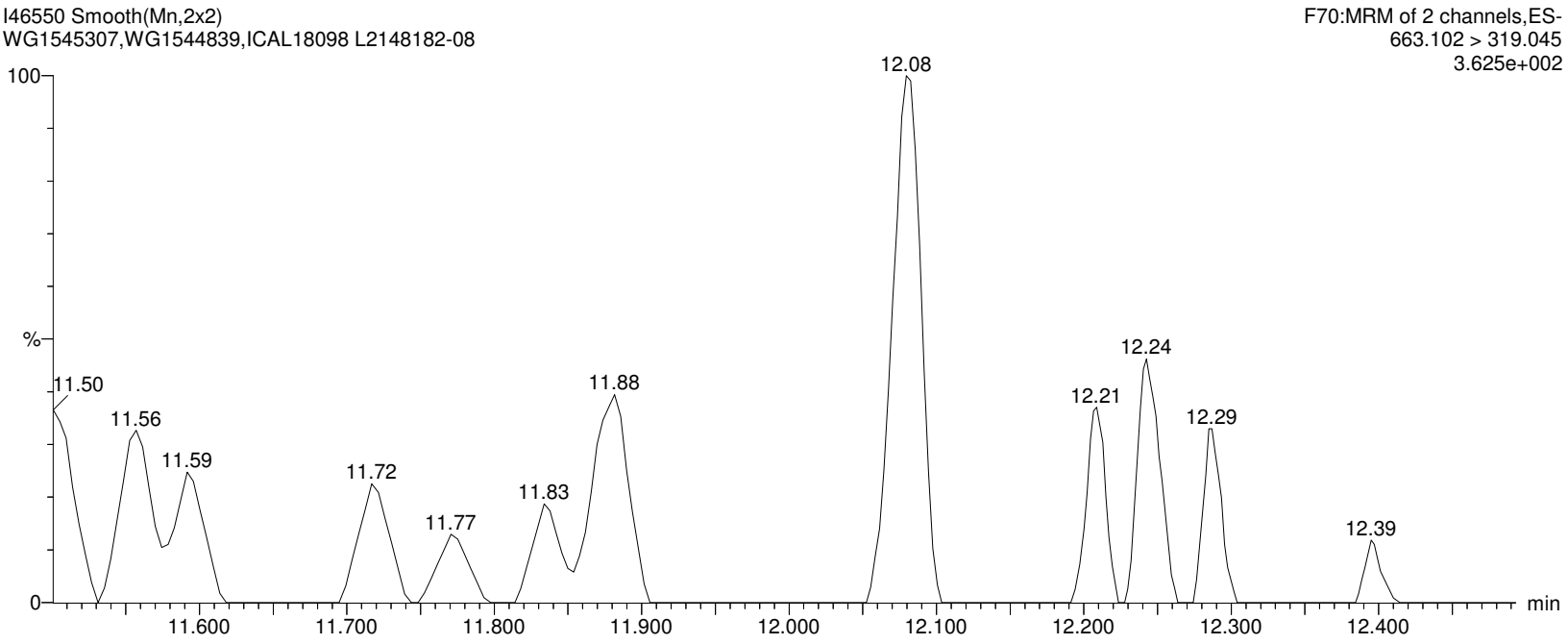
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:12 Eastern Daylight Time

Name: I46550
ID: L2148182-08
Date: 11-Sep-2021
Time: 19:44:30
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTrDA



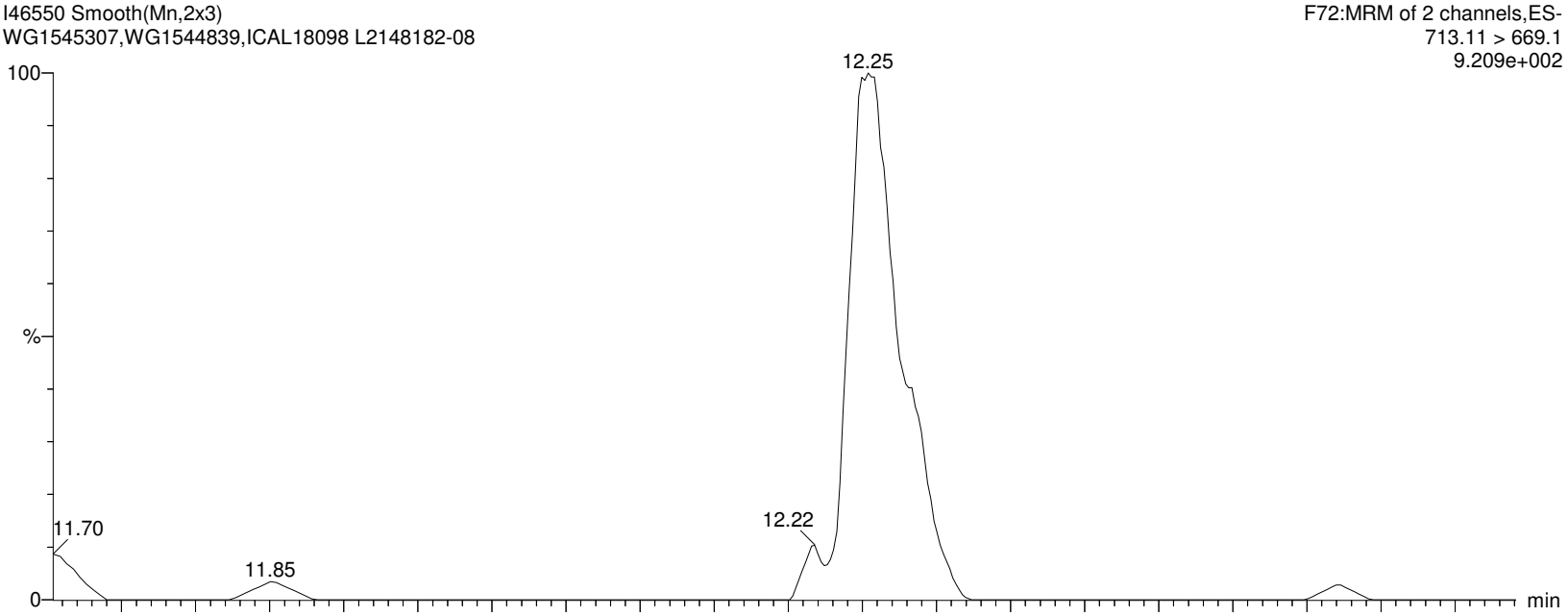


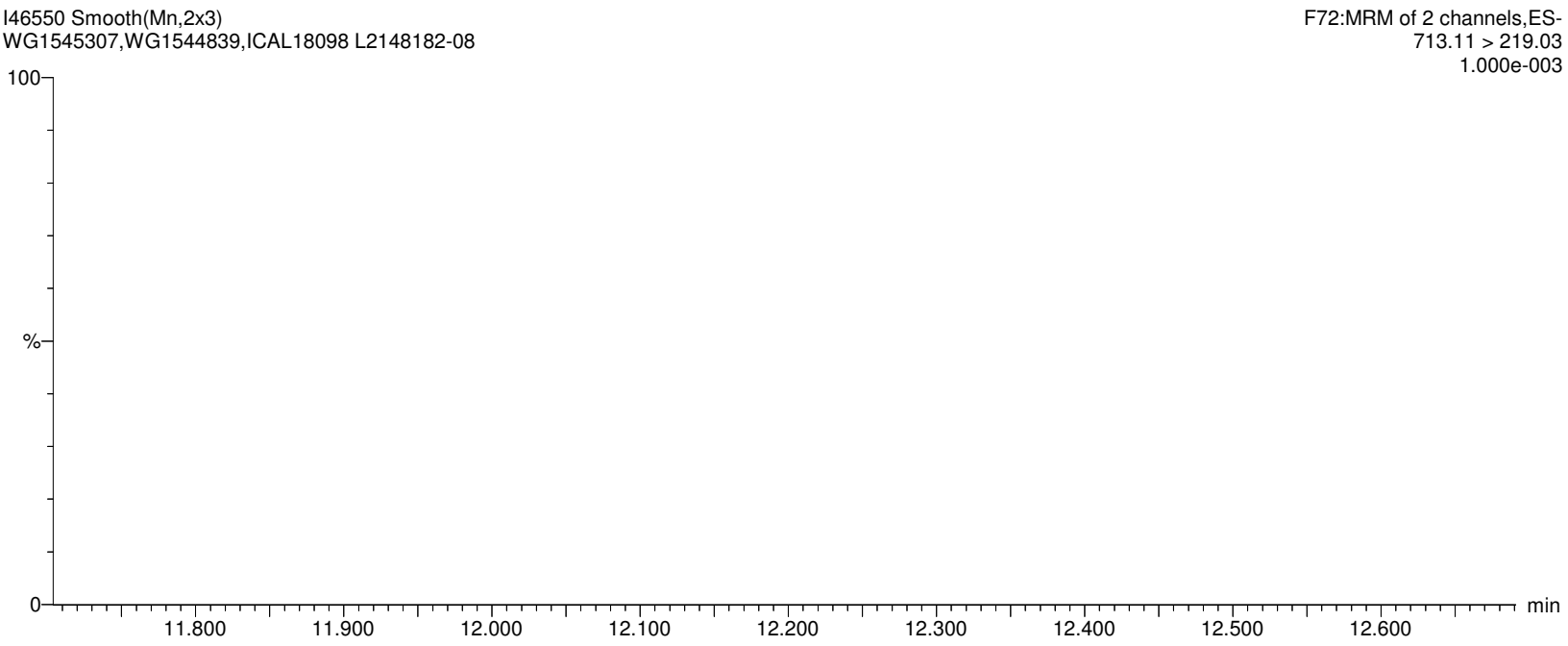
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:12 Eastern Daylight Time

Name: I46550
ID: L2148182-08
Date: 11-Sep-2021
Time: 19:44:30
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTA



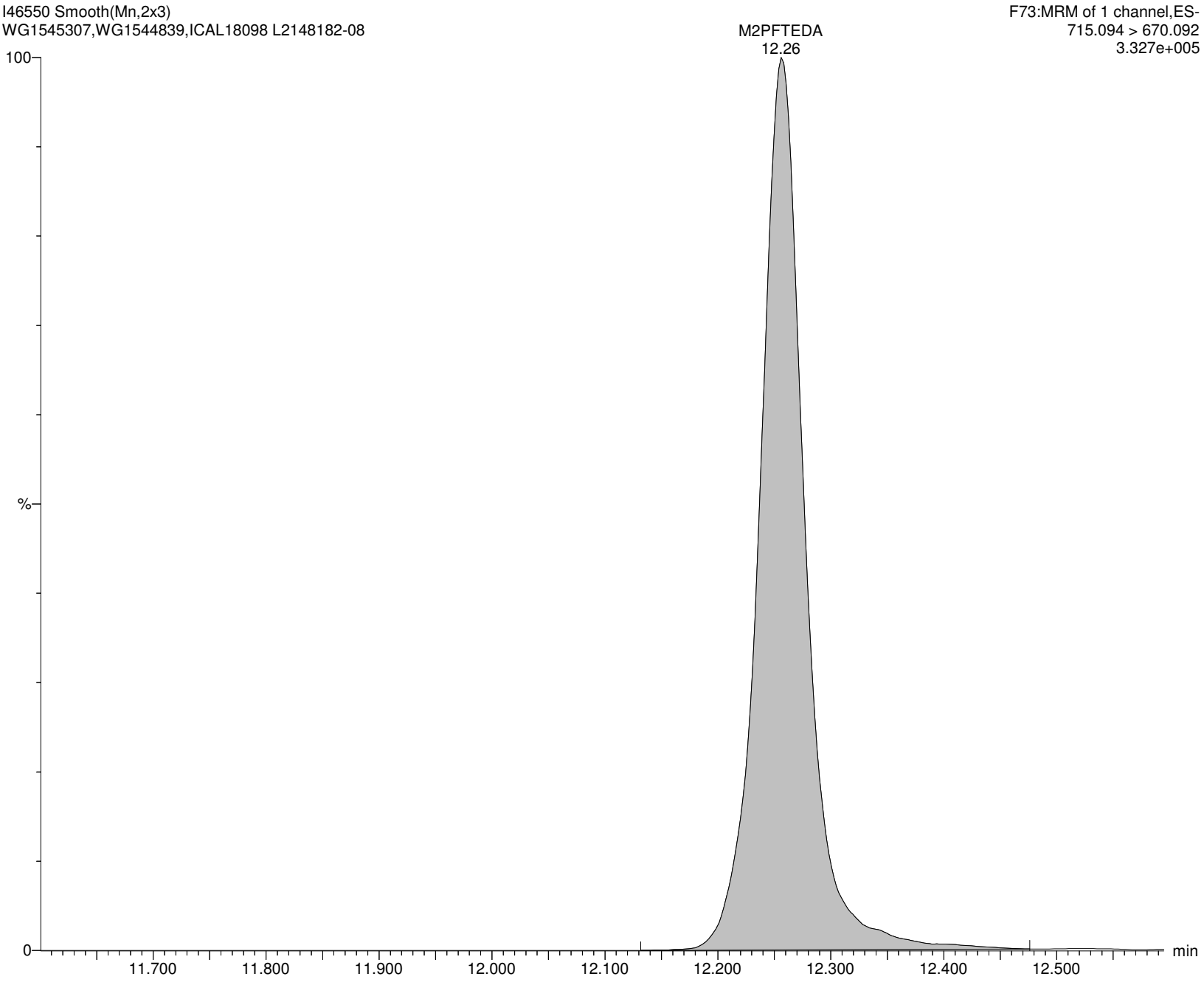


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:15:12 Eastern Daylight Time

Name: I46550
ID: L2148182-08
Date: 11-Sep-2021
Time: 19:44:30
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFTEDA



all concentration units in (ng/mL)

Semivolatiles Standards Data

Initial Calibration

Initial Calibration Summary
Form 6
Semivolatiles

Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

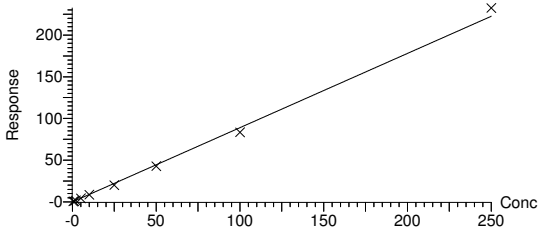
Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\MethDB\537ISO_Q_210625_TOP_RT.mdb 22 Jun 2021 09:28:25
Calibration: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

Compound name: PFBA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	1.969	57780.328	2503.404	0.487	97.4	0.867	1618		0.87
2	I42786	IA537STD-1	25-Jun-21	18:36:58	1.966	60023.031	5202.597	0.974	97.4	0.867	2613		0.85
3	I42787	IA537STD-2	25-Jun-21	18:53:32	1.969	60513.422	10011.021	1.859	92.9	0.827	6031		0.84
4	I42788	IA537STD-5	25-Jun-21	19:10:06	1.969	58136.680	24777.404	4.789	95.8	0.852	21541		0.88
5	I42789	IA537STD-10	25-Jun-21	19:26:39	1.974	54205.727	47227.559	9.790	97.9	0.871	2077		0.95
6	I42790	IA537STD-25	25-Jun-21	19:43:14	1.969	57145.898	114715.680	22.556	90.2	0.803	43396		0.81
7	I42791	IA537STD-50	25-Jun-21	19:59:48	1.971	55028.297	236504.828	48.293	96.6	0.860	87214		0.81
8	I42792	IA537STD-100	25-Jun-21	20:16:21	1.966	56827.293	473389.375	93.604	93.6	0.833	57726		0.81
9	I42793	IA537STD-250	25-Jun-21	20:32:55	1.971	48596.504	1129428.250	261.148	104.5	0.930	281096		0.71

Compound name: PFBA
Coefficient of Determination: R^2 = 0.997114
Calibration curve: 0.889954 * x
Response type: Internal Std (Ref 3), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

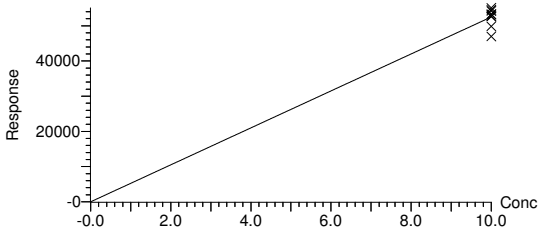
Client	: Soils Engineering Services, Inc.	Lab Number	: L2148182
Project Name	: GROSSINGERS	Project Number	: 9313:11
Instrument ID	: LCMS02	Ical Ref	: ICAL18098
Calibration dates	: 06/25/21 18:20 06/25/21 20:32		

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M3PFBA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	1.962		52649.926	10.029	100.3	5264.993	9955		0.86
2	I42786	IA537STD-1	25-Jun-21	18:36:58	1.965		55084.805	10.493	104.9	5508.480	30928		0.85
3	I42787	IA537STD-2	25-Jun-21	18:53:32	1.967		54195.488	10.323	103.2	5419.549	8023		0.84
4	I42788	IA537STD-5	25-Jun-21	19:10:06	1.967		53174.184	10.129	101.3	5317.418	21544		0.87
5	I42789	IA537STD-10	25-Jun-21	19:26:39	1.972		49840.660	9.494	94.9	4984.066	21839		0.94
6	I42790	IA537STD-25	25-Jun-21	19:43:14	1.967		54558.551	10.392	103.9	5455.855	19275		0.81
7	I42791	IA537STD-50	25-Jun-21	19:59:48	1.970		53345.297	10.161	101.6	5334.530	6943		0.80
8	I42792	IA537STD-100	25-Jun-21	20:16:21	1.965		52675.707	10.034	100.3	5267.571	35088		0.81
9	I42793	IA537STD-250	25-Jun-21	20:32:55	1.970		46961.406	8.945	89.5	4696.141	7126		0.71

Compound name: M3PFBA
Response Factor: 5249.84
RRF SD: 256.817, % Relative SD: 4.8919
Response type: External Std, Area
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

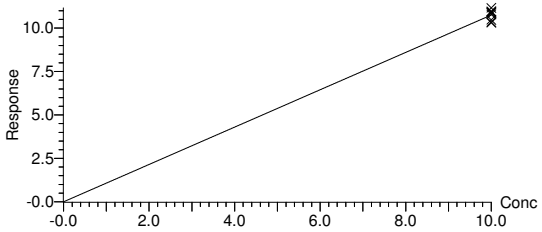
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: MPFBA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	1.963	52649.926	57780.328	10.206	102.1	1.097	44254		0.86
2	I42786	IA537STD-1	25-Jun-21	18:36:58	1.966	55084.805	60023.031	10.134	101.3	1.090	112943		0.84
3	I42787	IA537STD-2	25-Jun-21	18:53:32	1.966	54195.488	60513.422	10.384	103.8	1.117	62673		0.84
4	I42788	IA537STD-5	25-Jun-21	19:10:06	1.966	53174.184	58136.680	10.168	101.7	1.093	23841		0.87
5	I42789	IA537STD-10	25-Jun-21	19:26:39	1.973	49840.660	54205.727	10.115	101.1	1.088	39951		0.93
6	I42790	IA537STD-25	25-Jun-21	19:43:14	1.966	54558.551	57145.898	9.741	97.4	1.047	31272		0.81
7	I42791	IA537STD-50	25-Jun-21	19:59:48	1.968	53345.297	55028.297	9.594	95.9	1.032	18669		0.80
8	I42792	IA537STD-100	25-Jun-21	20:16:21	1.966	52675.707	56827.293	10.033	100.3	1.079	46464		0.81
9	I42793	IA537STD-250	25-Jun-21	20:32:55	1.970	46961.406	48596.504	9.624	96.2	1.035	12543		0.69

Compound name: MPFBA
Response Factor: 1.07524
RRF SD: 0.0300376, % Relative SD: 2.79356
Response type: Internal Std (Ref 2), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

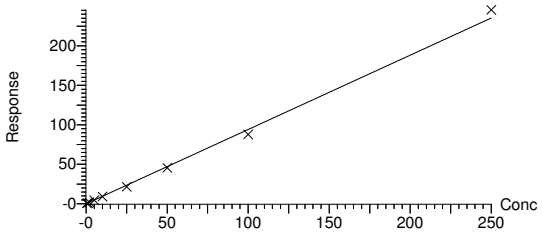
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFPeA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	4.850	65293.742	3001.893	0.489	97.7	0.920	461		0.91
2	I42786	IA537STD-1	25-Jun-21	18:36:58	4.850	66911.328	6365.286	1.011	101.1	0.951	1376		0.89
3	I42787	IA537STD-2	25-Jun-21	18:53:32	4.847	67487.727	11881.345	1.871	93.6	0.880	10568		0.88
4	I42788	IA537STD-5	25-Jun-21	19:10:06	4.852	64551.254	29487.203	4.855	97.1	0.914	11140		0.88
5	I42789	IA537STD-10	25-Jun-21	19:26:39	4.852	60132.316	55591.688	9.825	98.3	0.924	10596		0.96
6	I42790	IA537STD-25	25-Jun-21	19:43:14	4.843	62822.996	135278.266	22.885	91.5	0.861	22089		0.83
7	I42791	IA537STD-50	25-Jun-21	19:59:48	4.845	60026.988	272712.906	48.283	96.6	0.909	122857		0.82
8	I42792	IA537STD-100	25-Jun-21	20:16:21	4.845	61133.020	536881.625	93.334	93.3	0.878	135523		0.83
9	I42793	IA537STD-250	25-Jun-21	20:32:55	4.845	49834.328	1223624.250	260.948	104.4	0.982	124283		0.73

Compound name: PFPeA
Coefficient of Determination: R^2 = 0.997229
Calibration curve: 0.940946 * x
Response type: Internal Std (Ref 5), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

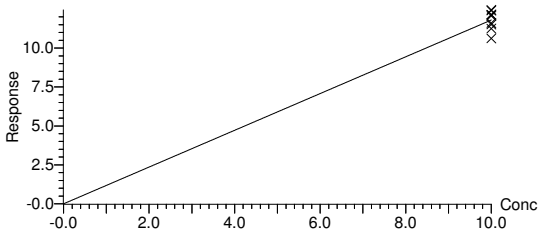
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M5PFPEA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	4.851	52649.926	65293.742	10.511	105.1	1.240	17174		0.82
2	I42786	IA537STD-1	25-Jun-21	18:36:58	4.851	55084.805	66911.328	10.295	102.9	1.215	14092		0.81
3	I42787	IA537STD-2	25-Jun-21	18:53:32	4.848	54195.488	67487.727	10.554	105.5	1.245	21059		0.81
4	I42788	IA537STD-5	25-Jun-21	19:10:06	4.851	53174.184	64551.254	10.289	102.9	1.214	25999		0.83
5	I42789	IA537STD-10	25-Jun-21	19:26:39	4.853	49840.660	60132.316	10.225	102.3	1.206	7455		0.91
6	I42790	IA537STD-25	25-Jun-21	19:43:14	4.844	54558.551	62822.996	9.759	97.6	1.151	9414		0.76
7	I42791	IA537STD-50	25-Jun-21	19:59:48	4.846	53345.297	60026.988	9.537	95.4	1.125	31033		0.74
8	I42792	IA537STD-100	25-Jun-21	20:16:21	4.846	52675.707	61133.020	9.836	98.4	1.161	12512		0.76
9	I42793	IA537STD-250	25-Jun-21	20:32:55	4.848	46961.406	49834.328	8.994	89.9	1.061	11342		0.64

Compound name: M5PFPEA
Response Factor: 1.17989
RRF SD: 0.0604607, % Relative SD: 5.12426
Response type: Internal Std (Ref 2), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

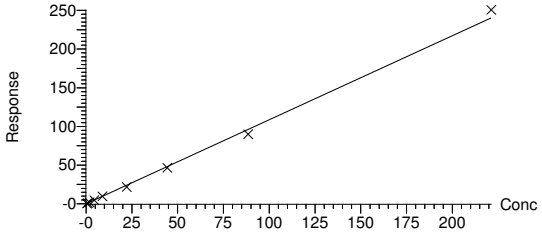
Client	: Soils Engineering Services, Inc.	Lab Number	: L2148182
Project Name	: GROSSINGERS	Project Number	: 9313:11
Instrument ID	: LCMS02	Ical Ref	: ICAL18098
Calibration dates	: 06/25/21 18:20 06/25/21 20:32		

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFBS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	5.515	13296.128	591.544	0.410	92.5	1.005	177	96	0.80
2	I42786	IA537STD-1	25-Jun-21	18:36:58	5.517	13529.566	1317.789	0.897	101.3	1.101	452	128	0.71
3	I42787	IA537STD-2	25-Jun-21	18:53:32	5.512	13649.750	2418.258	1.631	92.1	1.001	3213	223	0.72
4	I42788	IA537STD-5	25-Jun-21	19:10:06	5.515	13428.799	6288.119	4.310	97.4	1.058	1281	501	0.76
5	I42789	IA537STD-10	25-Jun-21	19:26:39	5.515	12248.645	11722.187	8.809	99.5	1.081	4074	1363	0.87
6	I42790	IA537STD-25	25-Jun-21	19:43:14	5.508	12737.235	27699.564	20.017	90.5	0.983	4410	4948	0.67
7	I42791	IA537STD-50	25-Jun-21	19:59:48	5.508	12077.166	56096.438	42.754	96.6	1.050	34347	2647	0.67
8	I42792	IA537STD-100	25-Jun-21	20:16:21	5.508	11898.238	107187.992	82.922	93.7	1.018	25445	15160	0.68
9	I42793	IA537STD-250	25-Jun-21	20:32:55	5.510	9269.692	232379.156	230.748	104.3	1.133	43501	17921	0.56

Compound name: PFBS
Coefficient of Determination: R^2 = 0.997270
Calibration curve: 1.08641 * x
Response type: Internal Std (Ref 7), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

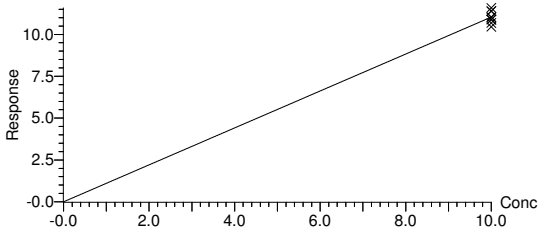
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M3PFBS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	5.513	12049.551	13296.128	10.001	100.0	1.103	2236		0.77
2	I42786	IA537STD-1	25-Jun-21	18:36:58	5.515	12436.962	13529.566	9.860	98.6	1.088	1902		0.72
3	I42787	IA537STD-2	25-Jun-21	18:53:32	5.510	11973.752	13649.750	10.332	103.3	1.140	4850		0.73
4	I42788	IA537STD-5	25-Jun-21	19:10:06	5.513	12188.990	13428.799	9.985	99.9	1.102	2158		0.77
5	I42789	IA537STD-10	25-Jun-21	19:26:39	5.513	11257.388	12248.645	9.862	98.6	1.088	3208		0.88
6	I42790	IA537STD-25	25-Jun-21	19:43:14	5.506	12191.913	12737.235	9.469	94.7	1.045	3893		0.67
7	I42791	IA537STD-50	25-Jun-21	19:59:48	5.508	11312.826	12077.166	9.676	96.8	1.068	914		0.65
8	I42792	IA537STD-100	25-Jun-21	20:16:21	5.508	10453.800	11898.238	10.316	103.2	1.138	9438		0.66
9	I42793	IA537STD-250	25-Jun-21	20:32:55	5.508	8001.944	9269.692	10.499	105.0	1.158	16203		0.57

Compound name: M3PFBS
Response Factor: 1.10333
RRF SD: 0.0367112, % Relative SD: 3.32732
Response type: Internal Std (Ref 32), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

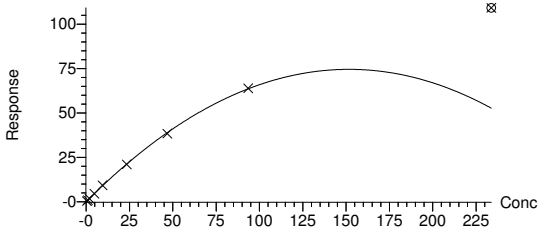
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: 4:2FTS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	6.674	4751.496	197.504	0.423	90.5	0.889	169	7	0.92
2	I42786	IA537STD-1	25-Jun-21	18:36:58	6.670	4848.491	448.143	0.943	100.8	0.989	93	40	1.03
3	I42787	IA537STD-2	25-Jun-21	18:53:32	6.666	4949.058	898.811	1.858	99.3	0.971	149	41	0.94
4	I42788	IA537STD-5	25-Jun-21	19:10:06	6.670	4876.582	2258.045	4.783	102.3	0.990	39070	69	0.97
5	I42789	IA537STD-10	25-Jun-21	19:26:39	6.674	4586.584	4269.456	9.779	104.6	0.996	331	349	1.12
6	I42790	IA537STD-25	25-Jun-21	19:43:14	6.662	4981.509	10485.229	23.169	99.1	0.900	175390	371	0.93
7	I42791	IA537STD-50	25-Jun-21	19:59:48	6.662	5423.619	20794.605	45.937	98.3	0.820	2194	473	0.92
8	I42792	IA537STD-100	25-Jun-21	20:16:21	6.662	6731.338	43008.996	94.237	100.8	0.683	3614	2224	0.90
9	I42793	IA537STD-250	25-Jun-21	20:32:55	6.658	9131.959	99727.539			0.467	7599	5887	0.88

Compound name: 4:2FTS
Coefficient of Determination: R^2 = 0.999676
Calibration curve: -0.00324274 * x^2 + 0.983598 * x
Response type: Internal Std (Ref 9), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

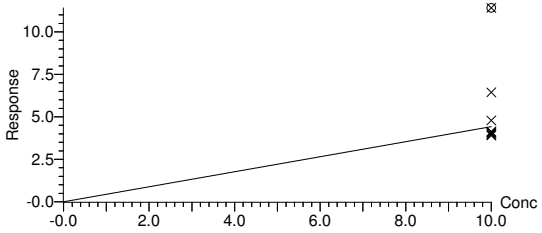
Client	: Soils Engineering Services, Inc.		Lab Number	: L2148182	
Project Name	: GROSSINGERS		Project Number	: 9313:11	
Instrument ID	: LCMS02		Ical Ref	: ICAL18098	
Calibration dates	: 06/25/21 18:20	06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M2-4:2FTS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	6.674	12049.551	4751.496	8.919	89.2	0.394	1039		0.92
2	I42786	IA537STD-1	25-Jun-21	18:36:58	6.674	12436.962	4848.491	8.818	88.2	0.390	395		0.92
3	I42787	IA537STD-2	25-Jun-21	18:53:32	6.666	11973.752	4949.058	9.349	93.5	0.413	600		0.93
4	I42788	IA537STD-5	25-Jun-21	19:10:06	6.670	12188.990	4876.582	9.049	90.5	0.400	1091		0.94
5	I42789	IA537STD-10	25-Jun-21	19:26:39	6.674	11257.388	4586.584	9.215	92.2	0.407	436		1.01
6	I42790	IA537STD-25	25-Jun-21	19:43:14	6.662	12191.913	4981.509	9.242	92.4	0.409	881		0.94
7	I42791	IA537STD-50	25-Jun-21	19:59:48	6.662	11312.826	5423.619	10.844	108.4	0.479	90583		0.90
8	I42792	IA537STD-100	25-Jun-21	20:16:21	6.662	10453.800	6731.338	14.564	145.6	0.644	1102		0.91
9	I42793	IA537STD-250	25-Jun-21	20:32:55	6.659	8001.944	9131.959	25.813	258.1	1.141	2041		0.89

Compound name: M2-4:2FTS
Response Factor: 0.442117
RRF SD: 0.0862327, % Relative SD: 19.5045
Response type: Internal Std (Ref 32), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

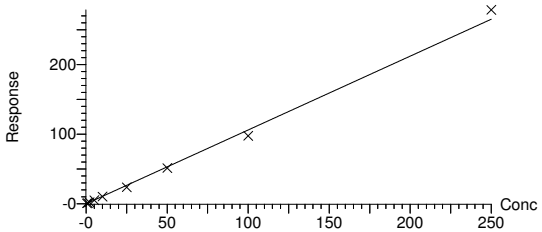
Quantify Compound Summary Report **MassLynx V4.2 SCN977**

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFHxA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	6.745	69092.836	4253.300	0.580	116.0	1.231	496	36	0.96
2	I42786	IA537STD-1	25-Jun-21	18:36:58	6.745	71767.094	8367.647	1.099	109.9	1.166	848	62	0.97
3	I42787	IA537STD-2	25-Jun-21	18:53:32	6.736	71122.000	14613.060	1.936	96.8	1.027	2847	138	1.02
4	I42788	IA537STD-5	25-Jun-21	19:10:06	6.740	68872.398	35119.141	4.806	96.1	1.020	4834	235	1.04
5	I42789	IA537STD-10	25-Jun-21	19:26:39	6.745	63598.234	65785.844	9.749	97.5	1.034	1598	308	1.04
6	I42790	IA537STD-25	25-Jun-21	19:43:14	6.735	66333.828	157728.188	22.410	89.6	0.951	12563	801	0.97
7	I42791	IA537STD-50	25-Jun-21	19:59:48	6.735	62021.500	317867.688	48.303	96.6	1.025	18733	2605	0.96
8	I42792	IA537STD-100	25-Jun-21	20:16:21	6.735	61755.355	602625.625	91.968	92.0	0.976	16100	2727	0.96
9	I42793	IA537STD-250	25-Jun-21	20:32:55	6.731	48768.344	1359090.750	262.649	105.1	1.115	49327	8392	0.96

Compound name: PFHxA
Coefficient of Determination: R^2 = 0.996112
Calibration curve: 1.06105 * x
Response type: Internal Std (Ref 11), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

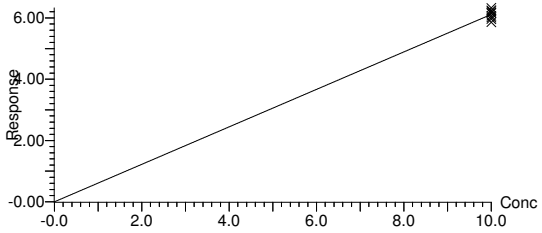
Quantify Compound Summary Report **MassLynx V4.2 SCN977**

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M5PFHxA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	6.746	111073.586	69092.836	10.173	101.7	0.622	5800		0.97
2	I42786	IA537STD-1	25-Jun-21	18:36:58	6.741	118228.344	71767.094	9.927	99.3	0.607	5247		1.03
3	I42787	IA537STD-2	25-Jun-21	18:53:32	6.737	112389.805	71122.000	10.349	103.5	0.633	2471		0.99
4	I42788	IA537STD-5	25-Jun-21	19:10:06	6.741	110228.664	68872.398	10.218	102.2	0.625	3257		1.00
5	I42789	IA537STD-10	25-Jun-21	19:26:39	6.746	103278.344	63598.234	10.071	100.7	0.616	1348		1.00
6	I42790	IA537STD-25	25-Jun-21	19:43:14	6.737	110312.555	66333.828	9.834	98.3	0.601	5301		0.93
7	I42791	IA537STD-50	25-Jun-21	19:59:48	6.732	105813.898	62021.500	9.586	95.9	0.586	12582		1.00
8	I42792	IA537STD-100	25-Jun-21	20:16:21	6.732	100008.320	61755.355	10.099	101.0	0.618	6891		1.01
9	I42793	IA537STD-250	25-Jun-21	20:32:55	6.732	81871.438	48768.344	9.742	97.4	0.596	4460		0.93

Compound name: M5PFHxA
Response Factor: 0.611458
RRF SD: 0.0150611, % Relative SD: 2.46314
Response type: Internal Std (Ref 23), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

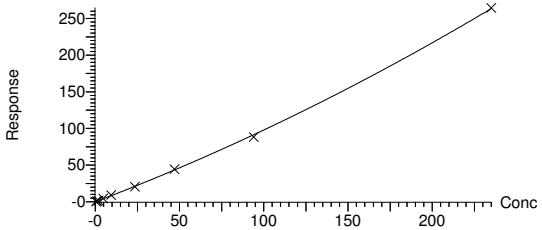
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFPeS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	7.075	15614.954	611.768	0.448	95.4	0.834	551	69	0.89
2	I42786	IA537STD-1	25-Jun-21	18:36:58	7.075	15923.893	1441.627	1.035	110.1	0.963	221	167	0.92
3	I42787	IA537STD-2	25-Jun-21	18:53:32	7.067	15851.401	2803.457	2.020	107.4	0.941	564	448	0.97
4	I42788	IA537STD-5	25-Jun-21	19:10:06	7.071	15344.866	6810.514	5.050	107.4	0.944	1405	913	0.98
5	I42789	IA537STD-10	25-Jun-21	19:26:39	7.075	14276.569	13139.021	10.404	110.7	0.979	2154	771	1.03
6	I42790	IA537STD-25	25-Jun-21	19:43:14	7.067	14892.317	30663.672	22.935	97.6	0.876	4779	1857	0.93
7	I42791	IA537STD-50	25-Jun-21	19:59:48	7.063	13709.874	61044.855	48.170	102.5	0.947	5062	2730	1.00
8	I42792	IA537STD-100	25-Jun-21	20:16:21	7.063	13095.640	115817.977	91.204	97.0	0.941	8676	3683	0.95
9	I42793	IA537STD-250	25-Jun-21	20:32:55	7.059	9182.548	242835.391	235.713	100.3	1.125	9895	10543	0.95

Compound name: PFPeS
Coefficient of Determination: R^2 = 0.999407
Calibration curve: 0.00105348 * x^2 + 0.873611 * x
Response type: Internal Std (Ref 18), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

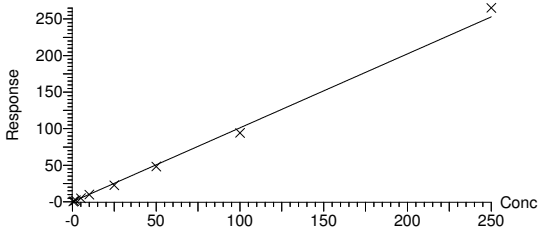
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFHpA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	8.025	104333.477	5086.468	0.482	96.4	0.975	1223	183	1.04
2	I42786	IA537STD-1	25-Jun-21	18:36:58	8.023	108293.328	10877.809	0.993	99.3	1.004	1556	71	1.15
3	I42787	IA537STD-2	25-Jun-21	18:53:32	8.021	107150.211	20255.795	1.868	93.4	0.945	3188	489	1.09
4	I42788	IA537STD-5	25-Jun-21	19:10:06	8.027	102990.773	50076.461	4.806	96.1	0.972	6695	1382	1.01
5	I42789	IA537STD-10	25-Jun-21	19:26:39	8.027	96549.680	94619.734	9.686	96.9	0.980	7212	1295	1.06
6	I42790	IA537STD-25	25-Jun-21	19:43:14	8.019	98716.922	224895.484	22.516	90.1	0.911	13304	3514	1.06
7	I42791	IA537STD-50	25-Jun-21	19:59:48	8.017	92801.453	449167.406	47.837	95.7	0.968	18775	5539	1.07
8	I42792	IA537STD-100	25-Jun-21	20:16:21	8.012	90321.172	851280.500	93.151	93.2	0.943	37541	13668	1.13
9	I42793	IA537STD-250	25-Jun-21	20:32:55	8.017	69738.391	1849842.625	262.162	104.9	1.061	38005	18596	1.08

Compound name: PFHpA
Coefficient of Determination: R^2 = 0.996645
Calibration curve: 1.0118 * x
Response type: Internal Std (Ref 14), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

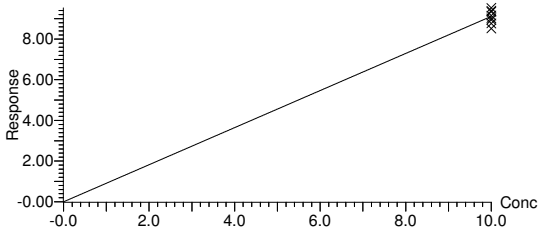
Quantify Compound Summary Report **MassLynx V4.2 SCN977**

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M4PFHpA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	8.025	111073.586	104333.477	10.304	103.0	0.939	5474		1.06
2	I42786	IA537STD-1	25-Jun-21	18:36:58	8.023	118228.344	108293.328	10.048	100.5	0.916	7325		1.10
3	I42787	IA537STD-2	25-Jun-21	18:53:32	8.021	112389.805	107150.211	10.458	104.6	0.953	10525		1.06
4	I42788	IA537STD-5	25-Jun-21	19:10:06	8.025	110228.664	102990.773	10.249	102.5	0.934	11261		1.05
5	I42789	IA537STD-10	25-Jun-21	19:26:39	8.025	103278.344	96549.680	10.255	102.5	0.935	7401		1.12
6	I42790	IA537STD-25	25-Jun-21	19:43:14	8.019	110312.555	98716.922	9.816	98.2	0.895	8711		1.04
7	I42791	IA537STD-50	25-Jun-21	19:59:48	8.015	105813.898	92801.453	9.620	96.2	0.877	5712		1.10
8	I42792	IA537STD-100	25-Jun-21	20:16:21	8.012	100008.320	90321.172	9.907	99.1	0.903	11666		1.12
9	I42793	IA537STD-250	25-Jun-21	20:32:55	8.015	81871.438	69738.391	9.344	93.4	0.852	5249		1.11

Compound name: M4PFHpA
Response Factor: 0.911634
RRF SD: 0.0330011, % Relative SD: 3.61999
Response type: Internal Std (Ref 23), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

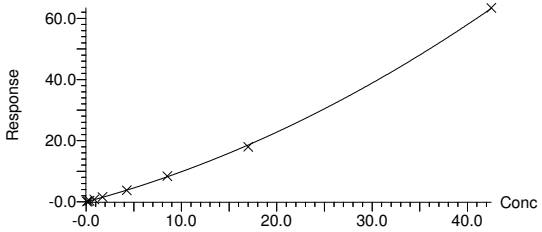
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: br-PFHxS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	7.956	15614.954	97.810	0.075	88.7	0.737	15	5	0.50
2	I42786	IA537STD-1	25-Jun-21	18:36:58	7.958	15923.893	250.435	0.189	111.1	0.925	20	5	0.50
3	I42787	IA537STD-2	25-Jun-21	18:53:32	7.956	15851.401	461.364	0.348	102.5	0.856	5	19	0.39
4	I42788	IA537STD-5	25-Jun-21	19:10:06	7.958	15344.866	1206.948	0.932	109.6	0.925	75	36	0.47
5	I42789	IA537STD-10	25-Jun-21	19:26:39	7.960	14276.569	2282.906	1.862	109.5	0.941	141	101	0.45
6	I42790	IA537STD-25	25-Jun-21	19:43:14	7.951	14892.317	5586.949	4.193	98.7	0.883	121	204	0.45
7	I42791	IA537STD-50	25-Jun-21	19:59:48	7.951	13709.874	11522.106	8.711	102.5	0.989	1050	301	0.41
8	I42792	IA537STD-100	25-Jun-21	20:16:21	7.949	13095.640	23558.871	16.559	97.4	1.058	1590	949	0.42
9	I42793	IA537STD-250	25-Jun-21	20:32:55	7.951	9182.548	58256.574	42.588	100.2	1.493	923	1184	0.42

Compound name: br-PFHxS
Coefficient of Determination: R^2 = 0.999607
Calibration curve: 0.0154938 * x^2 + 0.829815 * x
Response type: Internal Std (Ref 18), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

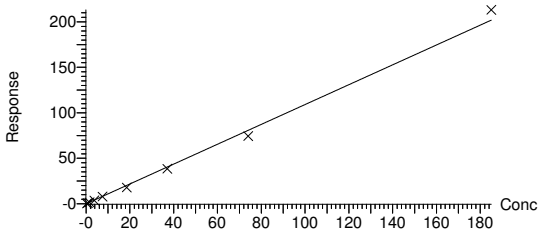
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: L-PFHxS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	8.194	15614.954	606.200	0.356	96.2	1.049	114	60	1.05
2	I42786	IA537STD-1	25-Jun-21	18:36:58	8.192	15923.893	1265.800	0.729	98.4	1.074	176	52	1.14
3	I42787	IA537STD-2	25-Jun-21	18:53:32	8.190	15851.401	2428.331	1.404	94.9	1.035	43	218	1.08
4	I42788	IA537STD-5	25-Jun-21	19:10:06	8.196	15344.866	5811.142	3.471	93.8	1.024	564	422	1.08
5	I42789	IA537STD-10	25-Jun-21	19:26:39	8.192	14276.569	11296.776	7.252	98.0	1.069	1145	1095	1.25
6	I42790	IA537STD-25	25-Jun-21	19:43:14	8.186	14892.317	26533.008	16.329	88.3	0.963	945	2242	1.13
7	I42791	IA537STD-50	25-Jun-21	19:59:48	8.181	13709.874	52627.758	35.181	95.1	1.037	7628	2910	1.18
8	I42792	IA537STD-100	25-Jun-21	20:16:21	8.181	13095.640	97342.688	68.125	92.1	1.004	10038	7825	1.10
9	I42793	IA537STD-250	25-Jun-21	20:32:55	8.181	9182.548	195719.125	195.344	105.6	1.152	4556	8020	1.22

Compound name: L-PFHxS
Coefficient of Determination: R^2 = 0.995527
Calibration curve: 1.09111 * x
Response type: Internal Std (Ref 18), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

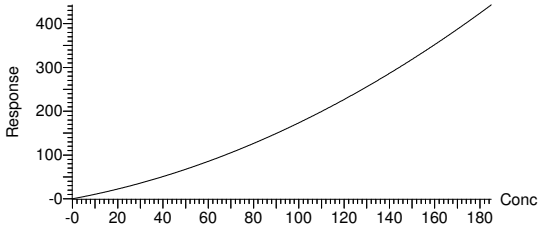
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFHxS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	ng/mL	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24		15614.954	704.010	0.431					
2	I42786	IA537STD-1	25-Jun-21	18:36:58		15923.893	1516.235	0.917					
3	I42787	IA537STD-2	25-Jun-21	18:53:32		15851.401	2889.695	1.752					
4	I42788	IA537STD-5	25-Jun-21	19:10:06		15344.866	7018.090	4.402					
5	I42789	IA537STD-10	25-Jun-21	19:26:39		14276.569	13579.682	9.114					
6	I42790	IA537STD-25	25-Jun-21	19:43:14		14892.317	32119.957	20.522					
7	I42791	IA537STD-50	25-Jun-21	19:59:48		13709.874	64149.864	43.892					
8	I42792	IA537STD-100	25-Jun-21	20:16:21		13095.640	120901.559	84.684					
9	I42793	IA537STD-250	25-Jun-21	20:32:55		9182.548	253975.699	237.932					

Compound name: PFHxS
Coefficient of Determination: 0.000000
Calibration curve: 0.960465 * x
Response type: Internal Std (Ref 18), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

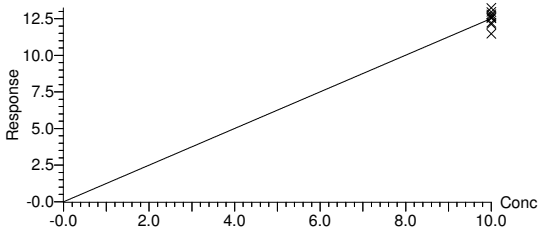
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M3PFHxS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	8.194	12049.551	15614.954	10.357	103.6	1.296	2493		1.01
2	I42786	IA537STD-1	25-Jun-21	18:36:58	8.190	12436.962	15923.893	10.233	102.3	1.280	4048		1.16
3	I42787	IA537STD-2	25-Jun-21	18:53:32	8.190	11973.752	15851.401	10.581	105.8	1.324	1240		1.04
4	I42788	IA537STD-5	25-Jun-21	19:10:06	8.194	12188.990	15344.866	10.062	100.6	1.259	4313		1.12
5	I42789	IA537STD-10	25-Jun-21	19:26:39	8.192	11257.388	14276.569	10.136	101.4	1.268	3665		1.17
6	I42790	IA537STD-25	25-Jun-21	19:43:14	8.186	12191.913	14892.317	9.763	97.6	1.221	871		1.07
7	I42791	IA537STD-50	25-Jun-21	19:59:48	8.182	11312.826	13709.874	9.686	96.9	1.212	5474		1.14
8	I42792	IA537STD-100	25-Jun-21	20:16:21	8.179	10453.800	13095.640	10.012	100.1	1.253	1917		1.10
9	I42793	IA537STD-250	25-Jun-21	20:32:55	8.182	8001.944	9182.548	9.171	91.7	1.148	892		1.16

Compound name: M3PFHxS
Response Factor: 1.25121
RRF SD: 0.0520216, % Relative SD: 4.15772
Response type: Internal Std (Ref 32), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

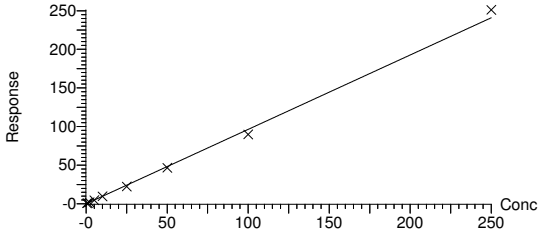
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: br-PFOA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	ng/mL	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24		117048.922							
2	I42786	IA537STD-1	25-Jun-21	18:36:58		120009.203							
3	I42787	IA537STD-2	25-Jun-21	18:53:32		118134.039							
4	I42788	IA537STD-5	25-Jun-21	19:10:06		114318.727							
5	I42789	IA537STD-10	25-Jun-21	19:26:39		105604.391							
6	I42790	IA537STD-25	25-Jun-21	19:43:14		109396.984							
7	I42791	IA537STD-50	25-Jun-21	19:59:48		103999.078							
8	I42792	IA537STD-100	25-Jun-21	20:16:21		101645.789						3	
9	I42793	IA537STD-250	25-Jun-21	20:32:55		79135.219							

Compound name: L-PFOA
Coefficient of Determination: R^2 = 0.997360
Calibration curve: 0.963664 * x
Response type: Internal Std (Ref 22), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

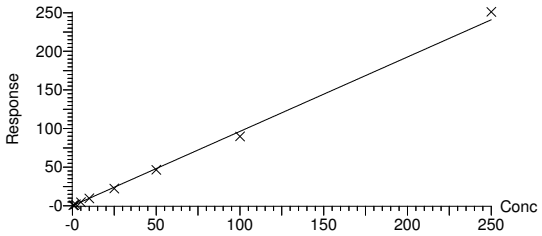
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: L-PFOA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	8.971	117048.922	5750.773	0.510	102.0	0.983	635	91	1.17
2	I42786	IA537STD-1	25-Jun-21	18:36:58	8.968	120009.203	12153.361	1.051	105.1	1.013	1235	179	1.16
3	I42787	IA537STD-2	25-Jun-21	18:53:32	8.968	118134.039	22186.348	1.949	97.4	0.939	2586	550	1.03
4	I42788	IA537STD-5	25-Jun-21	19:10:06	8.979	114318.727	53669.793	4.872	97.4	0.939	4288	761	1.11
5	I42789	IA537STD-10	25-Jun-21	19:26:39	8.975	105604.391	100361.336	9.862	98.6	0.950	6767	1988	1.14
6	I42790	IA537STD-25	25-Jun-21	19:43:14	8.960	109396.984	244078.813	23.153	92.6	0.892	16217	2806	1.08
7	I42791	IA537STD-50	25-Jun-21	19:59:48	8.956	103999.078	484990.219	48.392	96.8	0.933	20491	8010	1.13
8	I42792	IA537STD-100	25-Jun-21	20:16:21	8.956	101645.789	912100.938	93.117	93.1	0.897	41548	6481	1.08
9	I42793	IA537STD-250	25-Jun-21	20:32:55	8.960	79135.219	1987289.750	260.595	104.2	1.005	63804	8741	1.13

Compound name: L-PFOA
Coefficient of Determination: R^2 = 0.997360
Calibration curve: 0.963664 * x
Response type: Internal Std (Ref 22), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

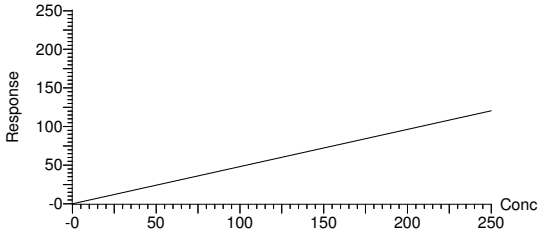
Client	: Soils Engineering Services, Inc.	Lab Number	: L2148182
Project Name	: GROSSINGERS	Project Number	: 9313:11
Instrument ID	: LCMS02	Ical Ref	: ICAL18098
Calibration dates	: 06/25/21 18:20 06/25/21 20:32		

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFOA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	ng/mL	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24		117048.922	5750.773	0.510					
2	I42786	IA537STD-1	25-Jun-21	18:36:58		120009.203	12153.361	1.051					
3	I42787	IA537STD-2	25-Jun-21	18:53:32		118134.039	22186.348	1.949					
4	I42788	IA537STD-5	25-Jun-21	19:10:06		114318.727	53669.793	4.872					
5	I42789	IA537STD-10	25-Jun-21	19:26:39		105604.391	100361.336	9.862					
6	I42790	IA537STD-25	25-Jun-21	19:43:14		109396.984	244078.813	23.153					
7	I42791	IA537STD-50	25-Jun-21	19:59:48		103999.078	484990.219	48.392					
8	I42792	IA537STD-100	25-Jun-21	20:16:21		101645.789	912100.938	93.117					
9	I42793	IA537STD-250	25-Jun-21	20:32:55		79135.219	1987289.750	260.595					

Compound name: PFOA
Coefficient of Determination: 0.000000
Calibration curve: 0.481832 * x
Response type: Internal Std (Ref 22), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

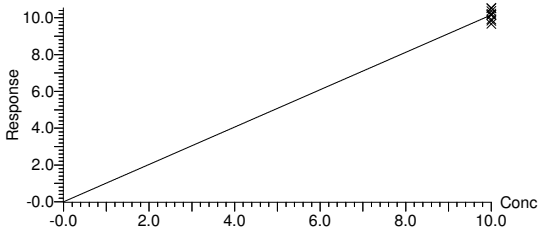
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M8PFOA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	8.972	111073.586	117048.922	10.380	103.8	1.054	6206		1.07
2	I42786	IA537STD-1	25-Jun-21	18:36:58	8.968	118228.344	120009.203	9.998	100.0	1.015	6715		1.07
3	I42787	IA537STD-2	25-Jun-21	18:53:32	8.965	112389.805	118134.039	10.353	103.5	1.051	9040		1.09
4	I42788	IA537STD-5	25-Jun-21	19:10:06	8.980	110228.664	114318.727	10.215	102.2	1.037	12253		1.04
5	I42789	IA537STD-10	25-Jun-21	19:26:39	8.976	103278.344	105604.391	10.072	100.7	1.023	10906		1.06
6	I42790	IA537STD-25	25-Jun-21	19:43:14	8.961	110312.555	109396.984	9.768	97.7	0.992	8224		1.04
7	I42791	IA537STD-50	25-Jun-21	19:59:48	8.957	105813.898	103999.078	9.681	96.8	0.983	4323		1.05
8	I42792	IA537STD-100	25-Jun-21	20:16:21	8.953	100008.320	101645.789	10.011	100.1	1.016	18727		1.13
9	I42793	IA537STD-250	25-Jun-21	20:32:55	8.961	81871.438	79135.219	9.521	95.2	0.967	14971		1.06

Compound name: M8PFOA
Response Factor: 1.01523
RRF SD: 0.0301597, % Relative SD: 2.97072
Response type: Internal Std (Ref 23), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

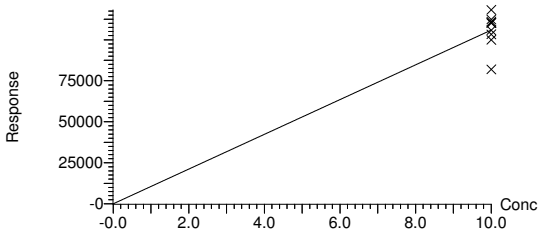
Client	: Soils Engineering Services, Inc.	Lab Number	: L2148182
Project Name	: GROSSINGERS	Project Number	: 9313:11
Instrument ID	: LCMS02	Ical Ref	: ICAL18098
Calibration dates	: 06/25/21 18:20 06/25/21 20:32		

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M2PFOA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	ng/mL	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	8.972		111073.586	10.487	104.9	11107.359	9263		1.13
2	I42786	IA537STD-1	25-Jun-21	18:36:58	8.968		118228.344	11.163	111.6	11822.834	8857		1.14
3	I42787	IA537STD-2	25-Jun-21	18:53:32	8.968		112389.805	10.612	106.1	11238.981	5225		1.04
4	I42788	IA537STD-5	25-Jun-21	19:10:06	8.979		110228.664	10.408	104.1	11022.866	8549		1.09
5	I42789	IA537STD-10	25-Jun-21	19:26:39	8.976		103278.344	9.751	97.5	10327.834	11787		1.12
6	I42790	IA537STD-25	25-Jun-21	19:43:14	8.960		110312.555	10.416	104.2	11031.255	6623		1.07
7	I42791	IA537STD-50	25-Jun-21	19:59:48	8.956		105813.898	9.991	99.9	10581.390	7362		1.09
8	I42792	IA537STD-100	25-Jun-21	20:16:21	8.956		100008.320	9.443	94.4	10000.832	7090		1.07
9	I42793	IA537STD-250	25-Jun-21	20:32:55	8.960		81871.438	7.730	77.3	8187.144	6763		1.11

Compound name: M2PFOA
Response Factor: 10591.2
RRF SD: 1047.64, % Relative SD: 9.89166
Response type: External Std, Area
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

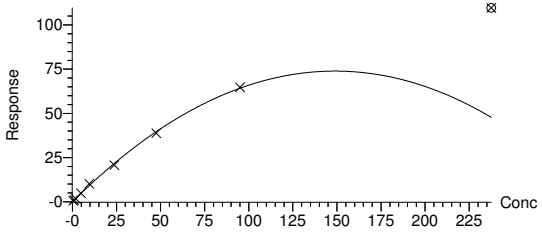
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: 6:2FTS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	8.935	5065.368	244.469	0.487	102.5	1.016	5673	54	1.00
2	I42786	IA537STD-1	25-Jun-21	18:36:58	8.931	4910.231	507.770	1.045	110.0	1.089	10777	25	1.06
3	I42787	IA537STD-2	25-Jun-21	18:53:32	8.927	5237.483	905.793	1.752	92.2	0.910	413	5248	1.11
4	I42788	IA537STD-5	25-Jun-21	19:10:06	8.938	4950.828	2405.176	4.977	104.8	1.023	305	12619	1.05
5	I42789	IA537STD-10	25-Jun-21	19:26:39	8.934	4655.965	4742.821	10.641	112.0	1.072	715	640	1.11
6	I42790	IA537STD-25	25-Jun-21	19:43:14	8.919	5135.331	10666.064	22.642	95.3	0.875	1010	387	1.13
7	I42791	IA537STD-50	25-Jun-21	19:59:48	8.915	5712.093	22157.408	46.256	97.4	0.817	4715	1103	1.16
8	I42792	IA537STD-100	25-Jun-21	20:16:21	8.915	6614.043	42839.574	96.526	101.6	0.682	3393	1789	1.10
9	I42793	IA537STD-250	25-Jun-21	20:32:55	8.919	8562.500	93903.438			0.462	9377	3875	1.11

Compound name: 6:2FTS
Coefficient of Determination: R^2 = 0.997963
Calibration curve: -0.00333368 * x^2 + 0.992804 * x
Response type: Internal Std (Ref 25), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

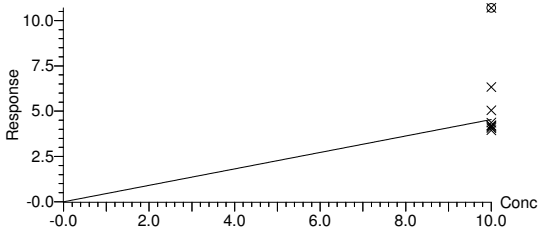
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M2-6:2FTS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	8.935	12049.551	5065.368	9.262	92.6	0.420	987		1.01
2	I42786	IA537STD-1	25-Jun-21	18:36:58	8.927	12436.962	4910.231	8.698	87.0	0.395	402		1.14
3	I42787	IA537STD-2	25-Jun-21	18:53:32	8.927	11973.752	5237.483	9.637	96.4	0.437	1437		1.07
4	I42788	IA537STD-5	25-Jun-21	19:10:06	8.939	12188.990	4950.828	8.949	89.5	0.406	788		1.07
5	I42789	IA537STD-10	25-Jun-21	19:26:39	8.935	11257.388	4655.965	9.112	91.1	0.414	4142		1.12
6	I42790	IA537STD-25	25-Jun-21	19:43:14	8.920	12191.913	5135.331	9.280	92.8	0.421	1796		1.14
7	I42791	IA537STD-50	25-Jun-21	19:59:48	8.916	11312.826	5712.093	11.124	111.2	0.505	826		1.10
8	I42792	IA537STD-100	25-Jun-21	20:16:21	8.916	10453.800	6614.043	13.939	139.4	0.633	1884		1.08
9	I42793	IA537STD-250	25-Jun-21	20:32:55	8.920	8001.944	8562.500	23.575	235.7	1.070	880		1.12

Compound name: M2-6:2FTS
Response Factor: 0.453898
RRF SD: 0.0796678, % Relative SD: 17.5519
Response type: Internal Std (Ref 32), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

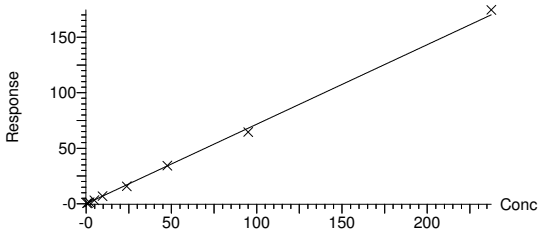
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFHpS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	9.069	13683.243	459.649	0.469	98.7	0.707	9336	186	1.12
2	I42786	IA537STD-1	25-Jun-21	18:36:58	9.069	14170.416	999.035	0.984	103.6	0.742	477	240	1.01
3	I42787	IA537STD-2	25-Jun-21	18:53:32	9.065	13979.718	1797.206	1.794	94.4	0.677	36673	197	0.97
4	I42788	IA537STD-5	25-Jun-21	19:10:06	9.077	13761.020	4491.080	4.555	95.9	0.687	994	338	1.08
5	I42789	IA537STD-10	25-Jun-21	19:26:39	9.073	12706.000	8693.948	9.551	100.5	0.720	1600	885	1.10
6	I42790	IA537STD-25	25-Jun-21	19:43:14	9.058	13242.184	20906.936	22.037	92.8	0.665	3025	7762	1.06
7	I42791	IA537STD-50	25-Jun-21	19:59:48	9.054	12124.383	41676.914	47.980	101.0	0.724	9934	3482	1.09
8	I42792	IA537STD-100	25-Jun-21	20:16:21	9.054	11908.705	76993.695	90.243	95.0	0.681	9453	19228	1.06
9	I42793	IA537STD-250	25-Jun-21	20:32:55	9.058	8703.244	151962.359	243.712	102.6	0.735	15852	10682	1.09

Compound name: PFHpS
Coefficient of Determination: R^2 = 0.998648
Calibration curve: 0.716437 * x
Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

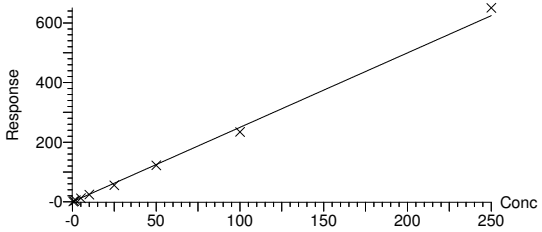
Client	: Soils Engineering Services, Inc.	Lab Number	: L2148182
Project Name	: GROSSINGERS	Project Number	: 9313:11
Instrument ID	: LCMS02	Ical Ref	: ICAL18098
Calibration dates	: 06/25/21 18:20 06/25/21 20:32		

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFNA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	9.735	34202.035	4109.642	0.481	96.2	2.403	556	55	1.02
2	I42786	IA537STD-1	25-Jun-21	18:36:58	9.728	35439.203	8675.071	0.980	98.0	2.448	1451	376	1.02
3	I42787	IA537STD-2	25-Jun-21	18:53:32	9.724	34813.086	16261.913	1.870	93.5	2.336	2694	2132	1.00
4	I42788	IA537STD-5	25-Jun-21	19:10:06	9.739	32891.797	40270.457	4.901	98.0	2.449	4076	2432	1.11
5	I42789	IA537STD-10	25-Jun-21	19:26:39	9.733	30742.088	75479.609	9.829	98.3	2.455	4897	2041	1.05
6	I42790	IA537STD-25	25-Jun-21	19:43:14	9.722	31982.266	178886.375	22.392	89.6	2.237	12831	2721	0.99
7	I42791	IA537STD-50	25-Jun-21	19:59:48	9.718	29163.150	355761.281	48.837	97.7	2.440	26325	6958	1.00
8	I42792	IA537STD-100	25-Jun-21	20:16:21	9.720	28294.178	662653.563	93.759	93.8	2.342	10767	8795	1.00
9	I42793	IA537STD-250	25-Jun-21	20:32:55	9.720	21506.293	1399159.250	260.450	104.2	2.602	80246	20754	1.02

Compound name: PFNA
Coefficient of Determination: R^2 = 0.997319
Calibration curve: 2.49791 * x
Response type: Internal Std (Ref 28), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

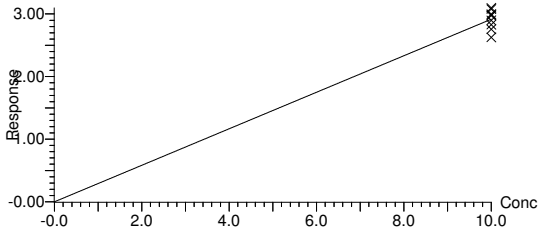
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M9PFNA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	9.733	111073.586	34202.035	10.559	105.6	0.308	236		1.14
2	I42786	IA537STD-1	25-Jun-21	18:36:58	9.726	118228.344	35439.203	10.279	102.8	0.300	1635		1.13
3	I42787	IA537STD-2	25-Jun-21	18:53:32	9.722	112389.805	34813.086	10.622	106.2	0.310	2634		1.05
4	I42788	IA537STD-5	25-Jun-21	19:10:06	9.739	110228.664	32891.797	10.232	102.3	0.298	2680		1.07
5	I42789	IA537STD-10	25-Jun-21	19:26:39	9.731	103278.344	30742.088	10.207	102.1	0.298	1590		1.14
6	I42790	IA537STD-25	25-Jun-21	19:43:14	9.720	110312.555	31982.266	9.942	99.4	0.290	3752		1.03
7	I42791	IA537STD-50	25-Jun-21	19:59:48	9.716	105813.898	29163.150	9.451	94.5	0.276	4085		1.07
8	I42792	IA537STD-100	25-Jun-21	20:16:21	9.718	100008.320	28294.178	9.701	97.0	0.283	1871		1.09
9	I42793	IA537STD-250	25-Jun-21	20:32:55	9.718	81871.438	21506.293	9.008	90.1	0.263	3534		1.05

Compound name: M9PFNA
Response Factor: 0.291624
RRF SD: 0.0154735, % Relative SD: 5.30595
Response type: Internal Std (Ref 23), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

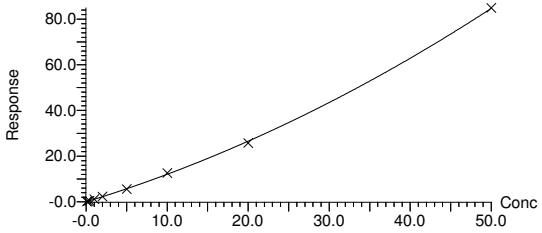
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: br-PFOS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	9.591	13683.243	131.361	0.089	88.6	0.960	10	9	0.64
2	I42786	IA537STD-1	25-Jun-21	18:36:58	9.601	14170.416	293.721	0.191	95.5	1.036	20	7	0.34
3	I42787	IA537STD-2	25-Jun-21	18:53:32	9.594	13979.718	623.385	0.410	102.5	1.115	23	19	0.37
4	I42788	IA537STD-5	25-Jun-21	19:10:06	9.608	13761.020	1596.691	1.059	105.9	1.160	17	36	0.43
5	I42789	IA537STD-10	25-Jun-21	19:26:39	9.604	12706.000	2968.046	2.108	105.4	1.168	199	46	0.39
6	I42790	IA537STD-25	25-Jun-21	19:43:14	9.591	13242.184	7354.622	4.863	97.3	1.111	220	105	0.39
7	I42791	IA537STD-50	25-Jun-21	19:59:48	9.587	12124.383	15331.979	10.448	104.5	1.265	852	166	0.40
8	I42792	IA537STD-100	25-Jun-21	20:16:21	9.587	11908.705	30614.676	19.467	97.3	1.285	1034	547	0.40
9	I42793	IA537STD-250	25-Jun-21	20:32:55	9.587	8703.244	73906.328	50.097	100.2	1.698	2766	321	0.40

Compound name: br-PFOS
Coefficient of Determination: R^2 = 0.999542
Calibration curve: 0.0122269 * x^2 + 1.08254 * x
Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

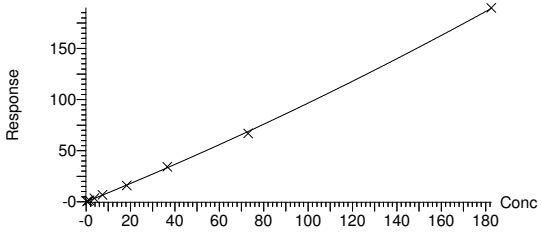
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: L-PFOS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	9.789	13683.243	434.108	0.360	98.7	0.869	77	89	1.17
2	I42786	IA537STD-1	25-Jun-21	18:36:58	9.783	14170.416	949.522	0.761	104.2	0.918	112	81	1.25
3	I42787	IA537STD-2	25-Jun-21	18:53:32	9.779	13979.718	1883.059	1.528	104.6	0.923	160	242	1.24
4	I42788	IA537STD-5	25-Jun-21	19:10:06	9.796	13761.020	4706.579	3.871	106.0	0.937	121	348	1.21
5	I42789	IA537STD-10	25-Jun-21	19:26:39	9.789	12706.000	8663.233	7.687	105.3	0.934	1341	528	1.09
6	I42790	IA537STD-25	25-Jun-21	19:43:14	9.776	13242.184	21186.035	17.863	97.9	0.877	1482	1020	1.18
7	I42791	IA537STD-50	25-Jun-21	19:59:48	9.772	12124.383	41579.559	37.580	103.0	0.940	5307	1503	1.20
8	I42792	IA537STD-100	25-Jun-21	20:16:21	9.776	11908.705	79784.016	71.168	97.5	0.918	6213	5019	1.15
9	I42793	IA537STD-250	25-Jun-21	20:32:55	9.774	8703.244	165170.141	182.960	100.3	1.040	13649	2568	1.24

Compound name: L-PFOS
Coefficient of Determination: R^2 = 0.999626
Calibration curve: 0.000857789 * x^2 + 0.880336 * x
Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

Client	: Soils Engineering Services, Inc.	Lab Number	: L2148182
Project Name	: GROSSINGERS	Project Number	: 9313:11
Instrument ID	: LCMS02	Ical Ref	: ICAL18098
Calibration dates	: 06/25/21 18:20 06/25/21 20:32		

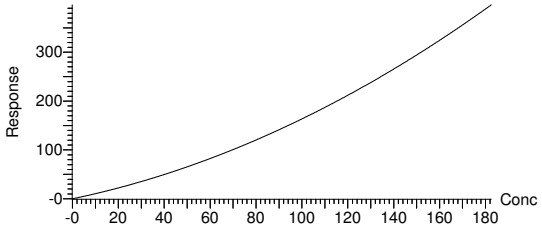
Quantify Compound Summary Report **MassLynx V4.2 SCN977**

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFOS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	ng/mL	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24		13683.243	565.469	0.449					
2	I42786	IA537STD-1	25-Jun-21	18:36:58		14170.416	1243.243	0.952					
3	I42787	IA537STD-2	25-Jun-21	18:53:32		13979.718	2506.444	1.938					
4	I42788	IA537STD-5	25-Jun-21	19:10:06		13761.020	6303.270	4.930					
5	I42789	IA537STD-10	25-Jun-21	19:26:39		12706.000	11631.279	9.795					
6	I42790	IA537STD-25	25-Jun-21	19:43:14		13242.184	28540.657	22.726					
7	I42791	IA537STD-50	25-Jun-21	19:59:48		12124.383	56911.538	48.028					
8	I42792	IA537STD-100	25-Jun-21	20:16:21		11908.705	110398.692	90.635					
9	I42793	IA537STD-250	25-Jun-21	20:32:55		8703.244	239076.469	233.057					

Compound name: PFOS
Coefficient of Determination: 0.000000
Calibration curve: 0.981436 * x
Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

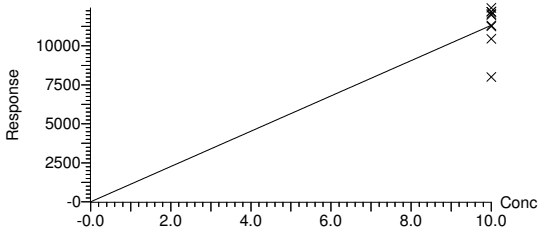
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M4PFOS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	9.790		12049.551	10.646	106.5	1204.955	2124		1.19
2	I42786	IA537STD-1	25-Jun-21	18:36:58	9.783		12436.962	10.988	109.9	1243.696	2402		1.17
3	I42787	IA537STD-2	25-Jun-21	18:53:32	9.779		11973.752	10.579	105.8	1197.375	3748		1.15
4	I42788	IA537STD-5	25-Jun-21	19:10:06	9.796		12188.990	10.769	107.7	1218.899	2119		1.10
5	I42789	IA537STD-10	25-Jun-21	19:26:39	9.787		11257.388	9.946	99.5	1125.739	564		1.13
6	I42790	IA537STD-25	25-Jun-21	19:43:14	9.777		12191.913	10.772	107.7	1219.191	2195		1.16
7	I42791	IA537STD-50	25-Jun-21	19:59:48	9.772		11312.826	9.995	99.9	1131.283	2954		1.15
8	I42792	IA537STD-100	25-Jun-21	20:16:21	9.774		10453.800	9.236	92.4	1045.380	1600		1.24
9	I42793	IA537STD-250	25-Jun-21	20:32:55	9.777		8001.944	7.070	70.7	800.194	4941		1.07

Compound name: M4PFOS
Response Factor: 1131.86
RRF SD: 139.133, % Relative SD: 12.2924
Response type: External Std, Area
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

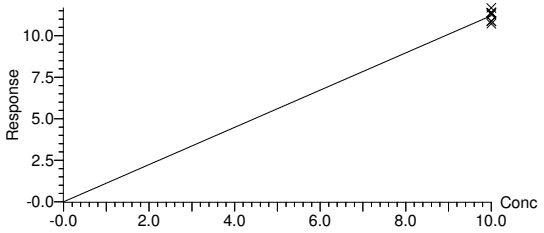
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M8PFOS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	9.790	12049.551	13683.243	10.134	101.3	1.136	1509		1.15
2	I42786	IA537STD-1	25-Jun-21	18:36:58	9.783	12436.962	14170.416	10.168	101.7	1.139	1036		1.14
3	I42787	IA537STD-2	25-Jun-21	18:53:32	9.779	11973.752	13979.718	10.419	104.2	1.168	2779		1.14
4	I42788	IA537STD-5	25-Jun-21	19:10:06	9.794	12188.990	13761.020	10.075	100.8	1.129	3735		1.16
5	I42789	IA537STD-10	25-Jun-21	19:26:39	9.788	11257.388	12706.000	10.073	100.7	1.129	3023		1.12
6	I42790	IA537STD-25	25-Jun-21	19:43:14	9.777	12191.913	13242.184	9.693	96.9	1.086	551		1.12
7	I42791	IA537STD-50	25-Jun-21	19:59:48	9.773	11312.826	12124.383	9.564	95.6	1.072	2798		1.13
8	I42792	IA537STD-100	25-Jun-21	20:16:21	9.773	10453.800	11908.705	10.166	101.7	1.139	1096		1.30
9	I42793	IA537STD-250	25-Jun-21	20:32:55	9.773	8001.944	8703.244	9.706	97.1	1.088	1722		1.24

Compound name: M8PFOS
Response Factor: 1.12054
RRF SD: 0.031466, % Relative SD: 2.80811
Response type: Internal Std (Ref 32), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

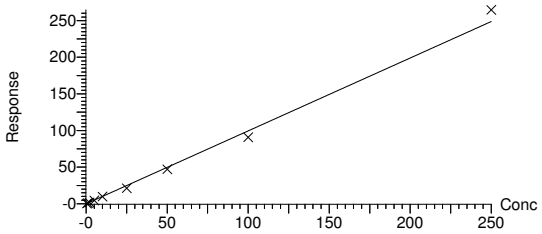
Client	: Soils Engineering Services, Inc.	Lab Number	: L2148182
Project Name	: GROSSINGERS	Project Number	: 9313:11
Instrument ID	: LCMS02	Ical Ref	: ICAL18098
Calibration dates	: 06/25/21 18:20 06/25/21 20:32		

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.3...	79924.469	3605.147	0.453	90.7	0.902	447	15398	1.16
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.3...	79652.055	7789.491	0.983	98.3	0.978	1387	734	1.04
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.3...	80191.836	14172.461	1.776	88.8	0.884	4245	1897	1.10
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.3...	77473.820	35901.637	4.657	93.1	0.927	3304	470	1.13
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.3...	68504.797	66732.914	9.789	97.9	0.974	1738	1060	1.13
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.3...	71215.531	151683.688	21.404	85.6	0.852	4254	4926	1.09
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.3...	63326.383	297775.000	47.254	94.5	0.940	7184	6682	1.04
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.3...	62172.027	564153.250	91.188	91.2	0.907	34822	10617	1.02
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.3...	43854.309	1160781.000	265.995	106.4	1.059	25739	10884	1.04

Compound name: PFDA
Coefficient of Determination: R^2 = 0.994093
Calibration curve: 0.995094 * x
Response type: Internal Std (Ref 36), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

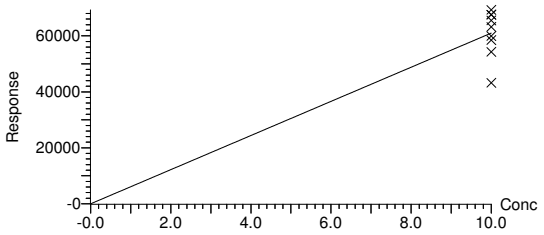
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M2PFDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.3...		67547.492	11.073	110.7	6754.749	14807		1.04
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.3...		69293.984	11.359	113.6	6929.398	6426		1.06
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.3...		67588.117	11.080	110.8	6758.812	5396		1.10
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.3...		65536.602	10.743	107.4	6553.660	1273		1.11
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.3...		59909.973	9.821	98.2	5990.997	8138		1.09
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.3...		63236.020	10.366	103.7	6323.602	4814		1.06
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.3...		58447.609	9.581	95.8	5844.761	2951		1.02
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.3...		54255.980	8.894	88.9	5425.598	3772		1.12
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.3...		43199.742	7.082	70.8	4319.974	5980		1.03

Compound name: M2PFDA
Response Factor: 6100.17
RRF SD: 829.667, % Relative SD: 13.6007
Response type: External Std, Area
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

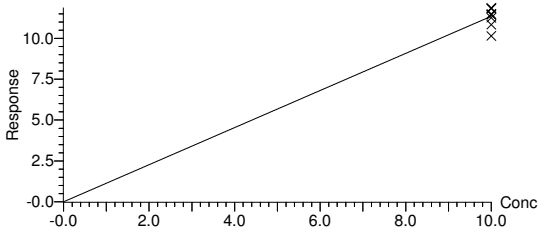
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M6PFDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.3...	67547.492	79924.469	10.424	104.2	1.183	6662		1.11
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.3...	69293.984	79652.055	10.127	101.3	1.149	2521		1.15
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.3...	67588.117	80191.836	10.453	104.5	1.186	6634		1.08
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.3...	65536.602	77473.820	10.415	104.1	1.182	10888		1.09
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.3...	59909.973	68504.797	10.074	100.7	1.143	6816		1.08
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.3...	63236.020	71215.531	9.922	99.2	1.126	5819		1.04
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.3...	58447.609	63326.383	9.546	95.5	1.083	5644		1.01
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.3...	54255.980	62172.027	10.096	101.0	1.146	2658		1.09
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.3...	43199.742	43854.309	8.944	89.4	1.015	2380		1.02

Compound name: M6PFDA
Response Factor: 1.13506
RRF SD: 0.0555603, % Relative SD: 4.89494
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

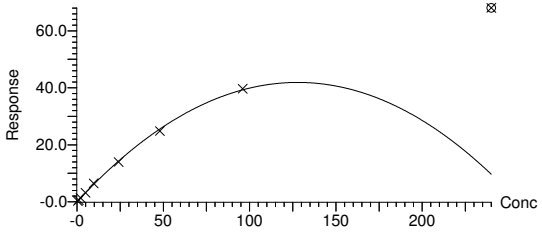
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: 8:2FTS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.3...	3925.273	106.662	0.415	86.5	0.566	15	7	1.88
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.3...	3878.385	231.603	0.914	95.3	0.622	64	4	1.03
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.3...	3835.543	534.472	2.144	111.7	0.726	64	2216	1.14
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.3...	3708.720	1176.766	4.937	102.8	0.661	204	5459	1.04
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.3...	3541.969	2311.956	10.381	108.1	0.680	58917	11458	1.04
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.3...	3753.307	5238.640	23.447	97.7	0.582	516	308	1.16
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.3...	3972.547	9868.733	46.282	96.4	0.518	643	449	1.16
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.3...	4532.261	17980.270	98.388	102.5	0.413	1243	450	1.14
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.3...	5270.703	35876.813			0.284	2782	954	1.21

Compound name: 8:2FTS
Coefficient of Determination: R^2 = 0.998596
Calibration curve: -0.0025629 * x^2 + 0.655376 * x
Response type: Internal Std (Ref 38), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

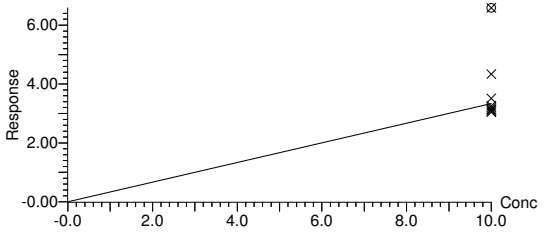
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M2-8:2FTS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.3...	12049.551	3925.273	9.763	97.6	0.326	89977		1.16
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.3...	12436.962	3878.385	9.346	93.5	0.312	1879		1.12
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.3...	11973.752	3835.543	9.600	96.0	0.320	325		1.12
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.3...	12188.990	3708.720	9.119	91.2	0.304	683		1.06
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.3...	11257.388	3541.969	9.429	94.3	0.315	421		1.05
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.3...	12191.913	3753.307	9.226	92.3	0.308	252		1.21
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.3...	11312.826	3972.547	10.524	105.2	0.351	683		1.19
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.3...	10453.800	4532.261	12.993	129.9	0.434	715		1.11
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.3...	8001.944	5270.703	19.740	197.4	0.659	193		1.01

Compound name: M2-8:2FTS
Response Factor: 0.333674
RRF SD: 0.0429157, % Relative SD: 12.8616
Response type: Internal Std (Ref 32), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

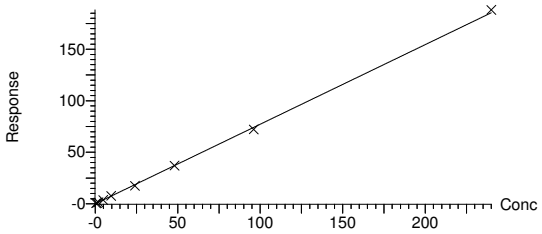
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFNS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.3...	13683.243	495.683	0.469	97.7	0.755	312	7460	1.37
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.3...	14170.416	1098.075	1.003	104.5	0.807	341	89	1.30
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.3...	13979.718	2045.322	1.894	98.6	0.762	455	158	1.19
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.3...	13761.020	5012.028	4.715	98.2	0.759	939	228	1.24
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.3...	12706.000	9750.897	9.934	103.5	0.799	3189	1083	1.21
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.3...	13242.184	23136.014	22.616	94.2	0.728	760	794	1.29
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.3...	12124.383	44891.246	47.928	99.9	0.771	1511	524	1.13
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.3...	11908.705	86062.797	93.550	97.4	0.753	8249	1585	1.26
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.3...	8703.244	163817.094	243.651	101.5	0.784	12140	11422	1.25

Compound name: PFNS
Coefficient of Determination: R^2 = 0.999474
Calibration curve: 0.772519 * x
Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

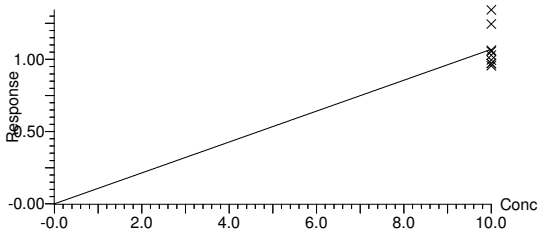
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: d3-NMeFOSAA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.7...	67547.492	6454.503	8.932	89.3	0.096	199		1.01
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.7...	69293.984	6727.265	9.075	90.7	0.097	818		1.04
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.7...	67588.117	6724.238	9.300	93.0	0.099	546		1.12
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.7...	65536.602	6968.504	9.939	99.4	0.106	740		1.09
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.7...	59909.973	6158.821	9.609	96.1	0.103	1270		1.00
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.7...	63236.020	6145.428	9.084	90.8	0.097	2438		1.15
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.7...	58447.609	6170.204	9.868	98.7	0.106	476		1.04
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.7...	54255.980	6755.718	11.639	116.4	0.125	354		1.07
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.7...	43199.742	5801.602	12.553	125.5	0.134	728		1.07

Compound name: d3-NMeFOSAA
Response Factor: 0.10698
RRF SD: 0.0134824, % Relative SD: 12.6027
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

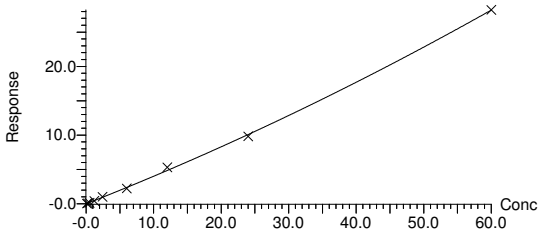
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: br-NMeFOSAA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.6...	6454.503	11.866	0.047	39.6	0.153	7	226	0.97
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.611	6727.265	44.039	0.169	70.4	0.273	5	1	1.04
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.611	6724.238	83.361	0.320	66.6	0.258	7	0	0.91
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.6...	6968.504	303.683	1.121	93.4	0.363	5285	34	0.47
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.6...	6158.821	618.896	2.572	107.2	0.419	17	24	0.45
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.6...	6145.428	1376.480	5.671	94.5	0.373	131	40	0.38
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.6...	6170.204	3275.380	13.100	109.2	0.442	269	169	0.38
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.6...	6755.718	6622.953	23.375	97.4	0.408	253	584	0.38
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.6...	5801.602	16379.358	60.058	100.1	0.471	616	241	0.40

Compound name: br-NMeFOSAA
Coefficient of Determination: R^2 = 0.997817
Calibration curve: 0.00138146 * x^2 + 0.387116 * x
Response type: Internal Std (Ref 40), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

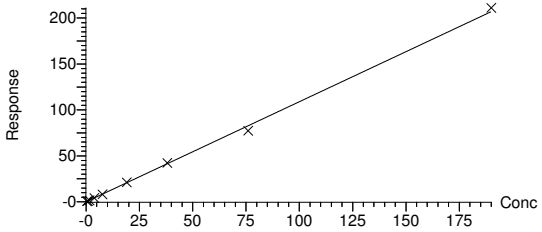
Client	: Soils Engineering Services, Inc.	Lab Number	: L2148182
Project Name	: GROSSINGERS	Project Number	: 9313:11
Instrument ID	: LCMS02	Ical Ref	: ICAL18098
Calibration dates	: 06/25/21 18:20 06/25/21 20:32		

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: L-NMeFOSAA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.7...	6454.503	270.845	0.385	101.4	1.104	122	1384	1.15
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.7...	6727.265	605.985	0.827	108.8	1.185	66	3	0.98
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.7...	6724.238	1084.172	1.480	97.4	1.061	98	3	0.99
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.7...	6968.504	2874.452	3.786	99.6	1.086	56747	320	1.10
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.7...	6158.821	5040.815	7.513	98.9	1.077	161	187	0.99
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.7...	6145.428	13007.754	19.429	102.3	1.114	1537	257	1.01
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.7...	6170.204	26162.020	38.921	102.4	1.116	2597	1056	1.02
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.7...	6755.718	52213.566	70.945	93.3	1.017	2405	3653	1.09
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.7...	5801.602	122470.563	193.773	102.0	1.111	5597	1401	1.10

Compound name: L-NMeFOSAA
Coefficient of Determination: R^2 = 0.998596
Calibration curve: 1.08941 * x
Response type: Internal Std (Ref 40), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

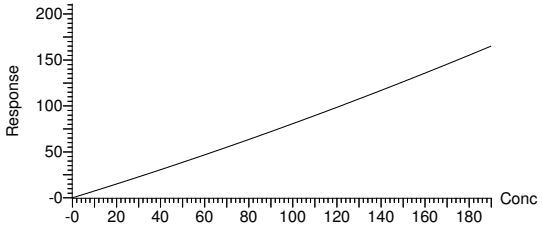
Client	: Soils Engineering Services, Inc.	Lab Number	: L2148182
Project Name	: GROSSINGERS	Project Number	: 9313:11
Instrument ID	: LCMS02	Ical Ref	: ICAL18098
Calibration dates	: 06/25/21 18:20 06/25/21 20:32		

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: NMeFOSAA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24		6454.503	282.711	0.433					
2	I42786	IA537STD-1	25-Jun-21	18:36:58		6727.265	650.024	0.996					
3	I42787	IA537STD-2	25-Jun-21	18:53:32		6724.238	1167.533	1.800					
4	I42788	IA537STD-5	25-Jun-21	19:10:06		6968.504	3178.135	4.908					
5	I42789	IA537STD-10	25-Jun-21	19:26:39		6158.821	5659.711	10.085					
6	I42790	IA537STD-25	25-Jun-21	19:43:14		6145.428	14384.234	25.101					
7	I42791	IA537STD-50	25-Jun-21	19:59:48		6170.204	29437.400	52.021					
8	I42792	IA537STD-100	25-Jun-21	20:16:21		6755.718	58836.519	94.320					
9	I42793	IA537STD-250	25-Jun-21	20:32:55		5801.602	138849.921	253.832					

Compound name: NMeFOSAA
Coefficient of Determination: 0.000000
Calibration curve: 0.738261 * x
Response type: Internal Std (Ref 40), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

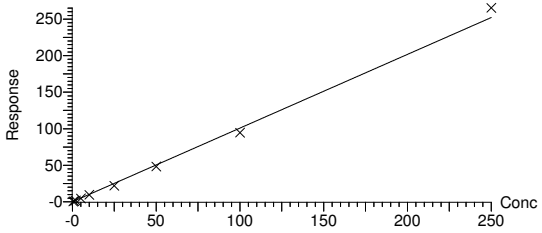
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFUnA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.8...	76090.648	3572.829	0.465	93.1	0.939	335	5585	1.10
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.8...	76785.906	6877.369	0.888	88.8	0.896	356	169	1.03
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.8...	80222.391	14313.150	1.769	88.4	0.892	1058	122	1.01
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.8...	73341.734	33939.934	4.588	91.8	0.926	2881	123	1.08
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.8...	65660.664	62085.160	9.374	93.7	0.946	1758	836	1.06
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.8...	66916.617	147100.984	21.793	87.2	0.879	7172	1596	1.08
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.8...	56071.520	270912.031	47.898	95.8	0.966	11863	2595	1.09
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.8...	53846.410	508632.875	93.644	93.6	0.945	6072	2023	1.07
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.8...	38025.676	1009106.625	263.082	105.2	1.062	18615	2460	1.13

Compound name: PFUnA
Coefficient of Determination: R^2 = 0.996012
Calibration curve: 1.00872 * x
Response type: Internal Std (Ref 45), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

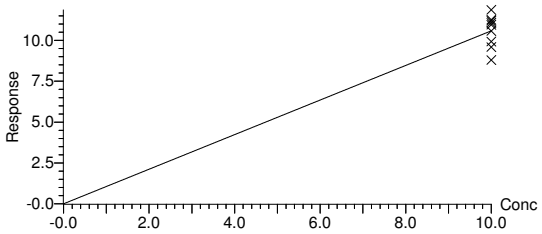
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M7-PFUDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.8...	67547.492	76090.648	10.642	106.4	1.126	2913		0.94
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.8...	69293.984	76785.906	10.468	104.7	1.108	4539		0.87
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.8...	67588.117	80222.391	11.213	112.1	1.187	7284		0.93
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.8...	65536.602	73341.734	10.572	105.7	1.119	6812		0.99
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.8...	59909.973	65660.664	10.354	103.5	1.096	5035		0.98
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.8...	63236.020	66916.617	9.997	100.0	1.058	5126		0.99
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.8...	58447.609	56071.520	9.063	90.6	0.959	961		0.99
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.8...	54255.980	53846.410	9.376	93.8	0.992	709		1.10
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.8...	43199.742	38025.676	8.316	83.2	0.880	1855		1.02

Compound name: M7-PFUDA
Response Factor: 1.05854
RRF SD: 0.0965846, % Relative SD: 9.12434
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

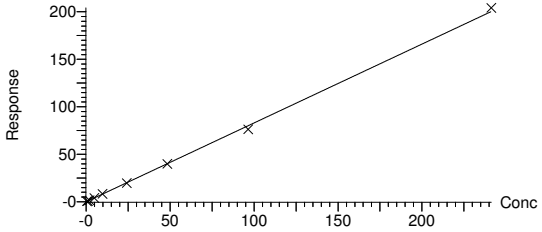
Quantify Compound Summary Report **MassLynx V4.2 SCN977**

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFDS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.9...	13683.243	547.455	0.482	99.9	0.829	225	68	0.95
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.9...	14170.416	1151.406	0.979	101.4	0.842	260	48	1.10
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.9...	13979.718	2273.890	1.959	101.5	0.843	138	155	1.12
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.8...	13761.020	5720.959	5.008	103.8	0.862	557	408	1.08
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.9...	12706.000	10644.902	10.092	104.6	0.868	460	204	1.06
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.8...	13242.184	25997.361	23.650	98.0	0.814	378	1075	0.99
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.8...	12124.383	48261.738	47.952	99.4	0.825	975	1049	1.02
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.8...	11908.705	90876.945	91.928	95.3	0.791	4617	2136	0.99
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.8...	8703.244	177675.359	245.927	101.9	0.846	5215	1763	0.92

Compound name: PFDS
Coefficient of Determination: R^2 = 0.999151
Calibration curve: 0.830118 * x
Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

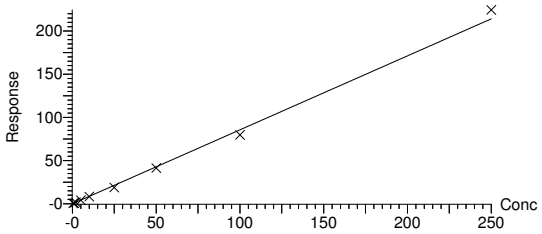
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: FOSA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.9...	40254.242	1780.814	0.517	103.3	0.885	695	1	1.43
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.9...	40751.004	3536.255	1.014	101.4	0.868	864	1	1.15
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.9...	41571.730	6795.874	1.909	95.5	0.817	1307	3	1.07
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.9...	40418.820	16896.797	4.883	97.7	0.836	2992	17	1.06
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.9...	37063.098	30501.354	9.613	96.1	0.823	4241	5	1.03
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.9...	39253.316	74130.430	22.059	88.2	0.755	5483	67	1.04
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.9...	35939.641	148919.859	48.399	96.8	0.829	2821	6	1.06
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.9...	34869.402	277525.875	92.965	93.0	0.796	2888	140	1.15
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.9...	26690.367	599006.688	262.142	104.9	0.898	19239	566	1.18

Compound name: FOSA
Coefficient of Determination: R^2 = 0.996461
Calibration curve: 0.856131 * x
Response type: Internal Std (Ref 48), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

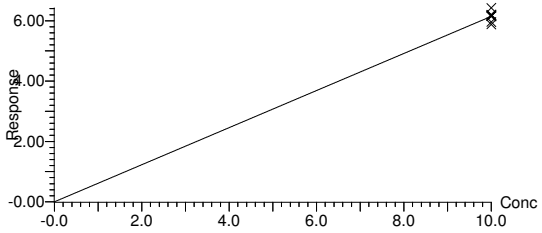
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M8FOSA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.9...	67547.492	40254.242	9.698	97.0	0.596	5098		1.11
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.9...	69293.984	40751.004	9.570	95.7	0.588	4106		1.07
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.9...	67588.117	41571.730	10.009	100.1	0.615	4113		1.04
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.9...	65536.602	40418.820	10.036	100.4	0.617	3649		1.09
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.9...	59909.973	37063.098	10.067	100.7	0.619	5643		1.09
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.9...	63236.020	39253.316	10.101	101.0	0.621	9155		1.09
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.9...	58447.609	35939.641	10.006	100.1	0.615	2923		1.11
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.9...	54255.980	34869.402	10.458	104.6	0.643	4617		1.09
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.9...	43199.742	26690.367	10.054	100.5	0.618	5245		1.22

Compound name: M8FOSA
Response Factor: 0.614517
RRF SD: 0.015448, % Relative SD: 2.51384
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

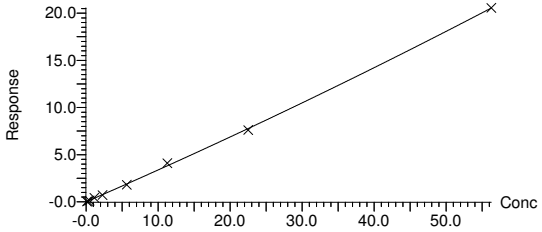
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: br-NEtFOSAA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.9...	5440.919	6.938	0.038	34.1	0.113	1	3	0.50
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.9...	5653.028	23.486	0.125	55.6	0.185	7	2	0.29
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.9...	5611.340	71.514	0.384	85.2	0.283	14	29	0.20
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.9...	5639.057	241.880	1.289	114.6	0.381	4	17	0.30
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.9...	5048.888	358.883	2.133	94.8	0.316	24	125	0.27
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.9...	5412.060	979.429	5.399	96.0	0.322	38	94	0.33
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.9...	5164.310	2118.469	12.095	107.5	0.365	117	58	0.32
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.9...	5407.669	4110.083	22.028	97.9	0.338	266	380	0.27
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.9...	4604.199	9468.212	56.294	100.1	0.366	536	194	0.28

Compound name: br-NEtFOSAA
Coefficient of Determination: R^2 = 0.997980
Calibration curve: 0.000591504 * x^2 + 0.332002 * x
Response type: Internal Std (Ref 52), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

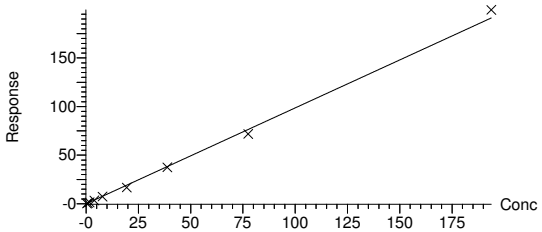
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: L-NEtFOSAA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.079	5440.919	193.366	0.360	93.0	0.917	38	17	0.76
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.071	5653.028	433.301	0.777	100.3	0.989	128	40	1.14
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.067	5611.340	810.152	1.463	94.4	0.931	214	236	1.10
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.056	5639.057	1969.687	3.541	91.4	0.901	39	130	1.13
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.071	5048.888	3691.560	7.411	95.6	0.943	297	935	1.01
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.064	5412.060	9140.418	17.119	88.4	0.872	571	816	1.03
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.056	5164.310	19402.119	38.082	98.3	0.970	1638	472	1.13
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.064	5407.669	38822.129	72.770	93.9	0.926	3703	3052	1.06
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.064	4604.199	91838.164	202.188	104.4	1.030	8528	1855	1.01

Compound name: L-NEtFOSAA
Coefficient of Determination: R^2 = 0.997028
Calibration curve: 0.986539 * x
Response type: Internal Std (Ref 52), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

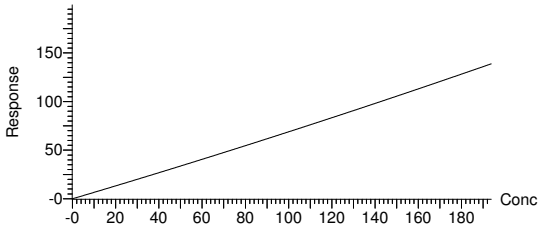
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: NEtFOSAA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24		5440.919	200.304	0.399					
2	I42786	IA537STD-1	25-Jun-21	18:36:58		5653.028	456.787	0.902					
3	I42787	IA537STD-2	25-Jun-21	18:53:32		5611.340	881.666	1.847					
4	I42788	IA537STD-5	25-Jun-21	19:10:06		5639.057	2211.567	4.830					
5	I42789	IA537STD-10	25-Jun-21	19:26:39		5048.888	4050.443	9.544					
6	I42790	IA537STD-25	25-Jun-21	19:43:14		5412.060	10119.847	22.518					
7	I42791	IA537STD-50	25-Jun-21	19:59:48		5164.310	21520.588	50.177					
8	I42792	IA537STD-100	25-Jun-21	20:16:21		5407.669	42932.212	94.799					
9	I42793	IA537STD-250	25-Jun-21	20:32:55		4604.199	101306.376	258.482					

Compound name: NEtFOSAA
Coefficient of Determination: 0.000000
Calibration curve: 0.65927 * x
Response type: Internal Std (Ref 52), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

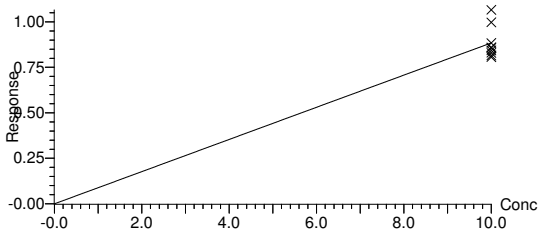
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: d5-NEtFOSAA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.068	67547.492	5440.919	9.111	91.1	0.081	720		1.13
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.064	69293.984	5653.028	9.228	92.3	0.082	938		1.18
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.056	67588.117	5611.340	9.391	93.9	0.083	132640		1.18
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.049	65536.602	5639.057	9.733	97.3	0.086	217		1.11
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.060	59909.973	5048.888	9.533	95.3	0.084	1083		1.13
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.053	63236.020	5412.060	9.681	96.8	0.086	1780		1.18
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.049	58447.609	5164.310	9.994	99.9	0.088	674		1.15
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.053	54255.980	5407.669	11.274	112.7	0.100	707		1.20
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.053	43199.742	4604.199	12.056	120.6	0.107	158		1.11

Compound name: d5-NEtFOSAA
Response Factor: 0.088407
RRF SD: 0.0088391, % Relative SD: 9.99818
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

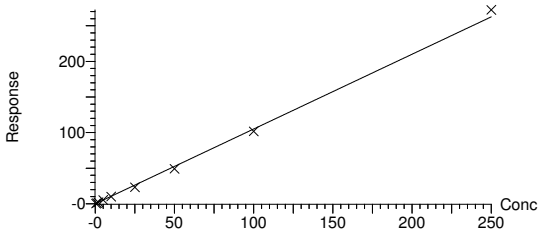
Quantify Compound Summary Report **MassLynx V4.2 SCN977**

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFDoA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.359	68461.047	3418.369	0.475	95.1	0.999	294	51	1.24
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.355	69430.047	7180.473	0.985	98.5	1.034	198	15	1.12
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.351	71550.625	14042.826	1.869	93.4	0.981	436	196	1.11
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.342	67262.703	35141.313	4.975	99.5	1.045	2071	414	1.09
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.351	62499.590	63969.898	9.747	97.5	1.024	2821	942	1.18
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.342	63264.074	148058.734	22.287	89.1	0.936	2802	888	1.26
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.342	57527.207	283617.938	46.949	93.9	0.986	9087	1014	1.08
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.347	56276.703	572604.563	96.893	96.9	1.017	14539	2471	1.18
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.342	44303.680	1206442.125	259.319	103.7	1.089	16654	3025	1.26

Compound name: PFDoA
Coefficient of Determination: R^2 = 0.997786
Calibration curve: 1.0501 * x
Response type: Internal Std (Ref 54), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

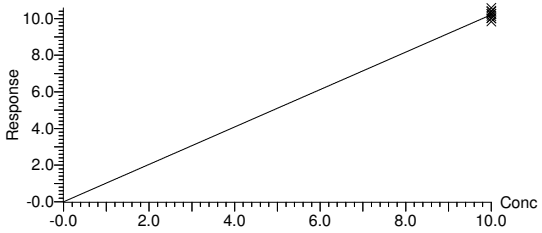
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: MPFDOA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.359	67547.492	68461.047	9.924	99.2	1.014	4367		1.10
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.355	69293.984	69430.047	9.811	98.1	1.002	5097		1.15
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.351	67588.117	71550.625	10.366	103.7	1.059	3080		1.07
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.343	65536.602	67262.703	10.050	100.5	1.026	4264		1.08
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.351	59909.973	62499.590	10.215	102.2	1.043	11848		1.18
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.347	63236.020	63264.074	9.796	98.0	1.000	4823		1.08
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.343	58447.609	57527.207	9.638	96.4	0.984	3828		1.07
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.347	54255.980	56276.703	10.157	101.6	1.037	1254		1.12
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.343	43199.742	44303.680	10.042	100.4	1.026	2155		1.18

Compound name: MPFDOA
Response Factor: 1.02124
RRF SD: 0.0234882, % Relative SD: 2.29997
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

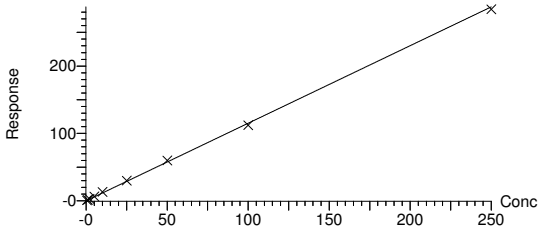
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFTrDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.762	44563.135	2755.652	0.537	107.4	1.237	199	19	1.23
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.762	45146.467	6329.835	1.218	121.8	1.402	562	107	1.16
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.757	46415.673	12725.419	2.381	119.0	1.371	1263	125	1.24
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.748	44077.904	28124.666	5.541	110.8	1.276	1079	287	1.24
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.766	40494.506	53646.340	11.504	115.0	1.325	2250	600	1.11
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.753	41707.902	124111.359	25.841	103.4	1.190	4576	1070	1.19
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.748	37965.024	227767.172	52.099	104.2	1.200	6885	1239	1.22
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.757	37883.815	424598.625	97.330	97.3	1.121	6995	1432	1.27
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.753	29512.287	839586.875	247.049	98.8	1.138	7327	2952	1.28

Compound name: PFTrDA
Coefficient of Determination: R^2 = 0.998498
Calibration curve: 1.15154 * x
Response type: Internal Std (Ref Multiple), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

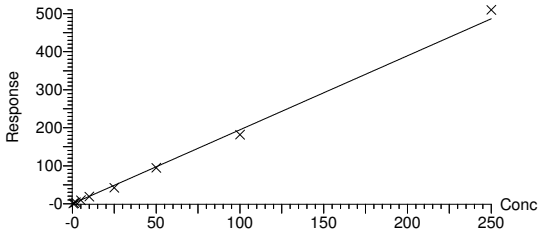
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFTA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	12.1...	20665.223	1845.434	0.459	91.7	1.786	159	70	1.18
2	I42786	IA537STD-1	25-Jun-21	18:36:58	12.117	20862.887	3935.938	0.969	96.9	1.887	377	229	1.13
3	I42787	IA537STD-2	25-Jun-21	18:53:32	12.113	21280.721	7788.385	1.880	94.0	1.830	768	67	1.21
4	I42788	IA537STD-5	25-Jun-21	19:10:06	12.1...	20893.105	19850.998	4.880	97.6	1.900	1951	189	1.33
5	I42789	IA537STD-10	25-Jun-21	19:26:39	12.119	18489.422	34582.781	9.607	96.1	1.870	1012	264	1.32
6	I42790	IA537STD-25	25-Jun-21	19:43:14	12.110	20151.729	85186.492	21.712	86.8	1.691	3412	620	1.19
7	I42791	IA537STD-50	25-Jun-21	19:59:48	12.1...	18402.840	174647.859	48.744	97.5	1.898	7843	788	1.35
8	I42792	IA537STD-100	25-Jun-21	20:16:21	12.116	19490.926	353807.813	93.234	93.2	1.815	5906	1440	1.22
9	I42793	IA537STD-250	25-Jun-21	20:32:55	12.110	14720.894	750971.313	262.016	104.8	2.041	11356	3471	1.25

Compound name: PFTA
Coefficient of Determination: R^2 = 0.996410
Calibration curve: 1.94698 * x
Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

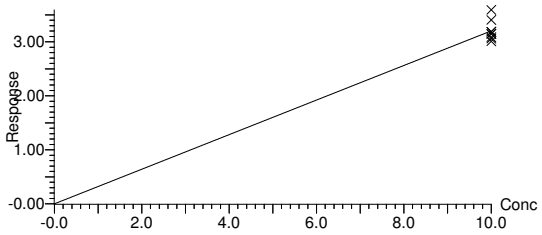
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M2PFTEDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	12.1...	67547.492	20665.223	9.551	95.5	0.306	1197		1.21
2	I42786	IA537STD-1	25-Jun-21	18:36:58	12.114	69293.984	20862.887	9.399	94.0	0.301	1326		1.30
3	I42787	IA537STD-2	25-Jun-21	18:53:32	12.114	67588.117	21280.721	9.830	98.3	0.315	678		1.30
4	I42788	IA537STD-5	25-Jun-21	19:10:06	12.1...	65536.602	20893.105	9.953	99.5	0.319	924		1.30
5	I42789	IA537STD-10	25-Jun-21	19:26:39	12.1...	59909.973	18489.422	9.635	96.3	0.309	846		1.34
6	I42790	IA537STD-25	25-Jun-21	19:43:14	12.110	63236.020	20151.729	9.949	99.5	0.319	733		1.17
7	I42791	IA537STD-50	25-Jun-21	19:59:48	12.1...	58447.609	18402.840	9.830	98.3	0.315	739		1.35
8	I42792	IA537STD-100	25-Jun-21	20:16:21	12.114	54255.980	19490.926	11.215	112.2	0.359	1663		1.34
9	I42793	IA537STD-250	25-Jun-21	20:32:55	12.111	43199.742	14720.894	10.638	106.4	0.341	875		1.25

Compound name: M2PFTEDA
Response Factor: 0.320315
RRF SD: 0.0184099, % Relative SD: 5.74744
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

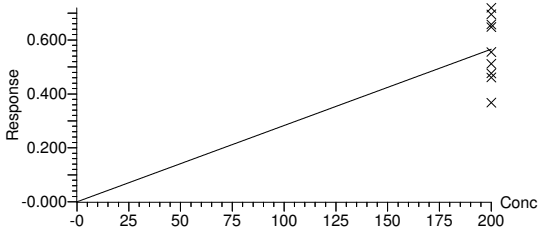
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M3HFPO-DA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	7.181	111073.586	7722.648	245.739	122.9	0.003	1737		0.78
2	I42786	IA537STD-1	25-Jun-21	18:36:58	7.177	118228.344	7775.602	232.451	116.2	0.003	22		0.86
3	I42787	IA537STD-2	25-Jun-21	18:53:32	7.169	112389.805	8082.584	254.180	127.1	0.004	62		0.94
4	I42788	IA537STD-5	25-Jun-21	19:10:06	7.173	110228.664	5644.199	180.978	90.5	0.003	599		0.94
5	I42789	IA537STD-10	25-Jun-21	19:26:39	7.177	103278.344	6695.212	229.126	114.6	0.003	498		0.99
6	I42790	IA537STD-25	25-Jun-21	19:43:14	7.169	110312.555	6123.891	196.210	98.1	0.003	1060		0.84
7	I42791	IA537STD-50	25-Jun-21	19:59:48	7.169	105813.898	4883.167	163.109	81.6	0.002	589		0.93
8	I42792	IA537STD-100	25-Jun-21	20:16:21	7.169	100008.320	4759.220	168.197	84.1	0.002	561		0.82
9	I42793	IA537STD-250	25-Jun-21	20:32:55	7.161	81871.438	3011.562	130.010	65.0	0.002	118		1.00

Compound name: M3HFPO-DA
Response Factor: 0.00282932
RRF SD: 0.000603846, % Relative SD: 21.3425
Response type: Internal Std (Ref 23), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

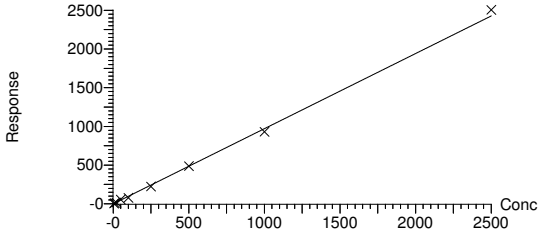
Quantify Compound Summary Report **MassLynx V4.2 SCN977**

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: HFPO-DA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	7.185	7722.648	162.536	4.335	86.7	0.842	21	25	0.64
2	I42786	IA537STD-1	25-Jun-21	18:36:58	7.185	7775.602	320.958	8.502	85.0	0.826	16	987	0.92
3	I42787	IA537STD-2	25-Jun-21	18:53:32	7.165	8082.584	681.072	17.356	86.8	0.843	54	3133	1.15
4	I42788	IA537STD-5	25-Jun-21	19:10:06	7.181	5644.199	1547.938	56.489	113.0	1.097	354	7332	0.74
5	I42789	IA537STD-10	25-Jun-21	19:26:39	7.177	6695.212	2584.031	79.496	79.5	0.772	652	708	1.02
6	I42790	IA537STD-25	25-Jun-21	19:43:14	7.177	6123.891	6836.687	229.948	92.0	0.893	829	44491	0.74
7	I42791	IA537STD-50	25-Jun-21	19:59:48	7.165	4883.167	11872.483	500.785	100.2	0.973	71	118002	1.11
8	I42792	IA537STD-100	25-Jun-21	20:16:21	7.161	4759.220	22121.635	957.398	95.7	0.930	187	2494	1.12
9	I42793	IA537STD-250	25-Jun-21	20:32:55	7.161	3011.562	37732.625	2580.692	103.2	1.002	420	14929	1.01

Compound name: HFPO-DA
Coefficient of Determination: R^2 = 0.997247
Calibration curve: 0.971 * x
Response type: Internal Std (Ref 58), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

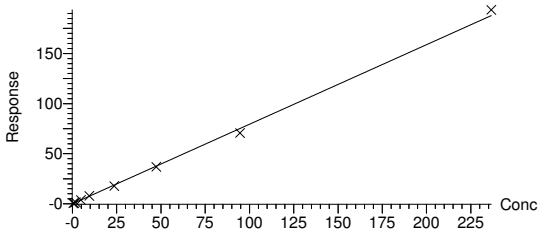
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: ADONA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	8.209	117048.922	4526.371	0.487	102.9	0.817	1292	5	1.02
2	I42786	IA537STD-1	25-Jun-21	18:36:58	8.207	120009.203	9538.166	1.001	105.8	0.840	1005	30	1.10
3	I42787	IA537STD-2	25-Jun-21	18:53:32	8.204	118134.039	18223.480	1.943	102.6	0.815	2539	58	1.09
4	I42788	IA537STD-5	25-Jun-21	19:10:06	8.211	114318.727	44903.980	4.946	104.5	0.830	4403	227	1.09
5	I42789	IA537STD-10	25-Jun-21	19:26:39	8.211	105604.391	82469.305	9.834	103.9	0.825	11332	415	1.03
6	I42790	IA537STD-25	25-Jun-21	19:43:14	8.202	109396.984	195044.625	22.451	94.9	0.754	7443	418	1.05
7	I42791	IA537STD-50	25-Jun-21	19:59:48	8.198	103999.078	383145.781	46.392	98.1	0.779	44109	347	1.08
8	I42792	IA537STD-100	25-Jun-21	20:16:21	8.196	101645.789	717194.563	88.850	93.9	0.746	60625	165	1.10
9	I42793	IA537STD-250	25-Jun-21	20:32:55	8.200	79135.219	1531728.125	243.737	103.0	0.818	33961	2656	1.04

Compound name: ADONA
Coefficient of Determination: R^2 = 0.998304
Calibration curve: 0.794129 * x
Response type: Internal Std (Ref 22), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

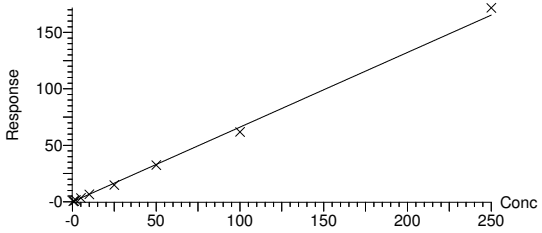
Quantify Compound Summary Report **MassLynx V4.2 SCN977**

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFHxDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	12.6...	31309.992	1170.889	0.566	113.1	0.748	303	30	1.06
2	I42786	IA537STD-1	25-Jun-21	18:36:58	12.6...	32678.559	2331.510	1.079	107.9	0.713	680	145	1.16
3	I42787	IA537STD-2	25-Jun-21	18:53:32	12.6...	30878.711	4329.224	2.121	106.0	0.701	713	188	1.22
4	I42788	IA537STD-5	25-Jun-21	19:10:06	12.6...	29730.592	10032.860	5.104	102.1	0.675	1715	461	1.24
5	I42789	IA537STD-10	25-Jun-21	19:26:39	12.6...	27849.500	18391.619	9.988	99.9	0.660	4203	165	1.16
6	I42790	IA537STD-25	25-Jun-21	19:43:14	12.6...	29074.736	43163.391	22.454	89.8	0.594	3710	589	1.19
7	I42791	IA537STD-50	25-Jun-21	19:59:48	12.6...	27467.535	89210.539	49.124	98.2	0.650	17993	3046	1.18
8	I42792	IA537STD-100	25-Jun-21	20:16:21	12.6...	27439.051	169409.922	93.383	93.4	0.617	22678	7542	1.29
9	I42793	IA537STD-250	25-Jun-21	20:32:55	12.6...	20593.246	353563.438	259.681	103.9	0.687	14272	2335	1.27

Compound name: PFHxDA
Coefficient of Determination: R^2 = 0.997372
Calibration curve: 0.661154 * x
Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

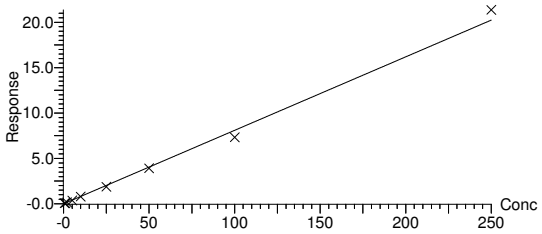
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFODA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	12.8...	31309.992	136.280	0.538	107.5	0.087	31	8	0.99
2	I42786	IA537STD-1	25-Jun-21	18:36:58	12.8...	32678.559	237.899	0.899	89.9	0.073	108	26	1.25
3	I42787	IA537STD-2	25-Jun-21	18:53:32	12.8...	30878.711	477.327	1.910	95.5	0.077	268	61	1.17
4	I42788	IA537STD-5	25-Jun-21	19:10:06	12.8...	29730.592	1124.569	4.673	93.5	0.076	463	106	1.11
5	I42789	IA537STD-10	25-Jun-21	19:26:39	12.8...	27849.500	2176.139	9.653	96.5	0.078	325	1986	1.08
6	I42790	IA537STD-25	25-Jun-21	19:43:14	12.8...	29074.736	5429.968	23.072	92.3	0.075	1594	418	1.22
7	I42791	IA537STD-50	25-Jun-21	19:59:48	12.8...	27467.535	10770.572	48.442	96.9	0.078	4671	163	1.10
8	I42792	IA537STD-100	25-Jun-21	20:16:21	12.8...	27439.051	20074.871	90.383	90.4	0.073	8549	902	1.19
9	I42793	IA537STD-250	25-Jun-21	20:32:55	12.8...	20593.246	43995.547	263.930	105.6	0.085	9275	2308	1.20

Compound name: PFODA
Coefficient of Determination: R^2 = 0.995426
Calibration curve: 0.0809461 * x
Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

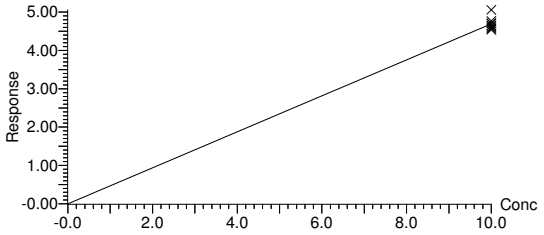
Client	: Soils Engineering Services, Inc.	Lab Number	: L2148182
Project Name	: GROSSINGERS	Project Number	: 9313:11
Instrument ID	: LCMS02	Ical Ref	: ICAL18098
Calibration dates	: 06/25/21 18:20 06/25/21 20:32		

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M2PFHxDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	12.6...	67547.492	31309.992	9.879	98.8	0.464	1097		1.22
2	I42786	IA537STD-1	25-Jun-21	18:36:58	12.6...	69293.984	32678.559	10.051	100.5	0.472	4898		1.27
3	I42787	IA537STD-2	25-Jun-21	18:53:32	12.6...	67588.117	30878.711	9.737	97.4	0.457	10539		1.24
4	I42788	IA537STD-5	25-Jun-21	19:10:06	12.6...	65536.602	29730.592	9.669	96.7	0.454	3747		1.23
5	I42789	IA537STD-10	25-Jun-21	19:26:39	12.6...	59909.973	27849.500	9.908	99.1	0.465	9660		1.13
6	I42790	IA537STD-25	25-Jun-21	19:43:14	12.6...	63236.020	29074.736	9.800	98.0	0.460	7418		1.33
7	I42791	IA537STD-50	25-Jun-21	19:59:48	12.6...	58447.609	27467.535	10.016	100.2	0.470	3637		1.34
8	I42792	IA537STD-100	25-Jun-21	20:16:21	12.6...	54255.980	27439.051	10.779	107.8	0.506	2093		1.28
9	I42793	IA537STD-250	25-Jun-21	20:32:55	12.6...	43199.742	20593.246	10.160	101.6	0.477	4230		1.27

Compound name: M2PFHxDA
Response Factor: 0.469184
RRF SD: 0.015536, % Relative SD: 3.31129
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

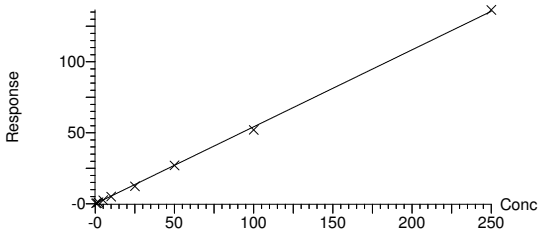
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFDoS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.758	13683.243	375.989	0.507	101.4	0.550	15	89	1.30
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.758	14170.416	697.559	0.908	90.8	0.492	92	51	1.28
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.753	13979.718	1448.578	1.911	95.6	0.518	291	48	1.07
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.744	13761.020	3535.880	4.739	94.8	0.514	163	184	1.20
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.762	12706.000	6439.758	9.347	93.5	0.507	526	250	1.14
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.749	13242.184	16264.090	22.652	90.6	0.491	1452	526	1.18
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.744	12124.383	32716.166	49.766	99.5	0.540	1345	925	1.18
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.753	11908.705	62039.379	96.081	96.1	0.521	4968	2047	1.20
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.749	8703.244	118862.656	251.882	100.8	0.546	8930	3279	1.23

Compound name: PFDoS
Coefficient of Determination: R^2 = 0.999541
Calibration curve: 0.54221 * x
Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: Null, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

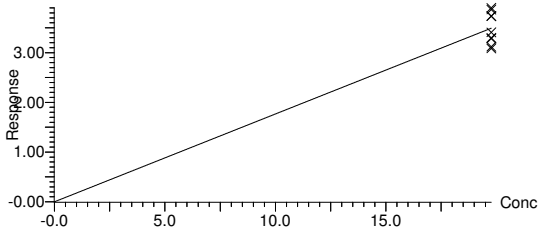
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M2D4-10:2FTS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.365	12049.551	4700.572	22.080	111.7	0.197	43		0.96
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.360	12436.962	4811.575	21.898	110.8	0.196	88067		1.02
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.356	11973.752	4470.213	21.131	106.9	0.189	594		1.00
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.344	12188.990	4553.490	21.145	107.0	0.189	200		1.13
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.356	11257.388	3838.715	19.301	97.6	0.173	554		1.03
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.352	12191.913	3802.153	17.651	89.3	0.158	137		1.04
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.344	11312.826	3728.490	18.655	94.4	0.167	69108		1.06
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.352	10453.800	3432.024	18.582	94.0	0.166	1034		1.02
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.348	8001.944	2467.232	17.452	88.3	0.156	195		1.03

Compound name: M2D4-10:2FTS
Response Factor: 0.176676
RRF SD: 0.0162199, % Relative SD: 9.18061
Response type: Internal Std (Ref 32), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

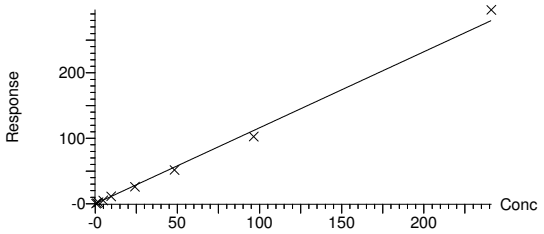
Client	: Soils Engineering Services, Inc.	Lab Number	: L2148182
Project Name	: GROSSINGERS	Project Number	: 9313:11
Instrument ID	: LCMS02	Ical Ref	: ICAL18098
Calibration dates	: 06/25/21 18:20 06/25/21 20:32		

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: 10:2FTS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.368	4700.572	108.013	0.391	81.2	0.942	43	1133	0.88
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.364	4811.575	303.909	1.075	111.5	1.295	46	39	1.08
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.360	4470.213	467.112	1.779	92.3	1.071	124	4032	0.98
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.352	4553.490	1144.272	4.278	88.7	1.031	182	144	1.04
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.364	3838.715	2202.544	9.767	101.3	1.176	281	170	0.95
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.356	3802.153	5018.338	22.467	93.2	1.083	584	138	1.01
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.352	3728.490	9724.066	44.396	92.1	1.070	675	575	1.03
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.356	3432.024	17801.447	88.294	91.6	1.064	1518	283	1.05
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.356	2467.232	36972.184	255.088	105.8	1.229	5993	5970	1.00

Compound name: 10:2FTS
Coefficient of Determination: R^2 = 0.995088
Calibration curve: 1.16117 * x
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

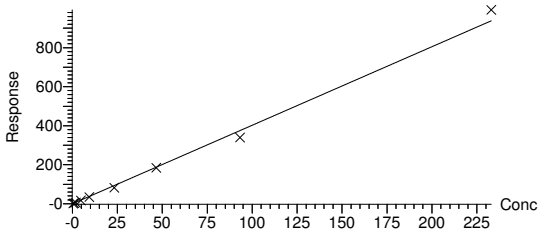
Client	: Soils Engineering Services, Inc.		Lab Number	: L2148182	
Project Name	: GROSSINGERS		Project Number	: 9313:11	
Instrument ID	: LCMS02		Ical Ref	: ICAL18098	
Calibration dates	: 06/25/21 18:20	06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: 9CL-PF3ONS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.1...	13683.243	2360.771	0.429	92.0	3.702	410	138	1.01
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.1...	14170.416	5046.062	0.885	94.9	3.821	593	203	1.02
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.1...	13979.718	9276.618	1.649	88.4	3.560	426	329	1.00
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.1...	13761.020	22868.756	4.129	88.6	3.566	2644	1276	1.04
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.1...	12706.000	44153.711	8.633	92.6	3.729	5679	2105	1.06
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.1...	13242.184	109916.461	20.621	88.5	3.562	7636	3017	0.99
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.1...	12124.383	223637.469	45.823	98.3	3.958	37365	4842	1.07
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.1...	11908.705	403948.031	84.268	90.4	3.640	69210	12623	1.00
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.1...	8703.244	864988.625	246.906	106.0	4.266	27034	35282	1.04

Compound name: 9CL-PF3ONS
Coefficient of Determination: R^2 = 0.994609
Calibration curve: 4.02529 * x
Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

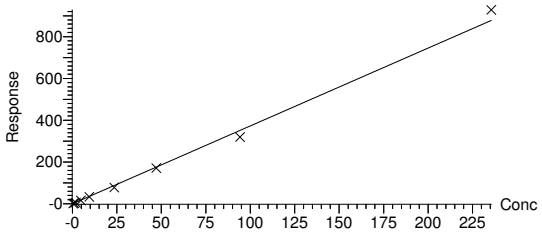
Client	: Soils Engineering Services, Inc.	Lab Number	: L2148182
Project Name	: GROSSINGERS	Project Number	: 9313:11
Instrument ID	: LCMS02	Ical Ref	: ICAL18098
Calibration dates	: 06/25/21 18:20 06/25/21 20:32		

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: 11CL-PFOUdS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.166	13683.243	2293.062	0.450	95.5	3.558	192	29	1.18
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.166	14170.416	4555.021	0.862	91.6	3.412	734	333	1.08
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.159	13979.718	8783.455	1.686	89.5	3.335	1424	467	1.10
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.151	13761.020	22431.322	4.374	92.9	3.461	2394	1541	1.01
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.163	12706.000	41805.063	8.828	93.7	3.493	3854	1387	1.09
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.155	13242.184	103975.141	21.067	89.5	3.334	982	1912	1.06
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.151	12124.383	207329.703	45.881	97.4	3.631	12337	2442	1.03
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.155	11908.705	379782.969	85.567	90.8	3.385	35409	8139	1.10
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.155	8703.244	807891.313	249.062	105.8	3.942	12198	14343	1.05

Compound name: 11CL-PFOUdS
Coefficient of Determination: R^2 = 0.995140
Calibration curve: 3.72704 * x
Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

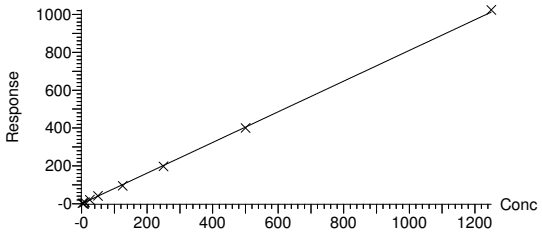
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: NMeFOSA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.579	83657.445	1694.156	2.501	100.0	0.810	602	130	1.06
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.575	84827.594	3744.141	5.451	109.0	0.883	203	423	1.10
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.571	88272.305	6808.878	9.526	95.3	0.771	784	459	1.04
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.562	81628.031	17646.762	26.697	106.8	0.865	2087	910	1.05
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.575	75450.023	31732.539	51.938	103.9	0.841	2618	721	1.03
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.566	78537.063	74670.383	117.412	93.9	0.761	5460	3001	1.02
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.562	75272.289	148760.438	244.057	97.6	0.791	6068	2103	1.01
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.571	69546.883	278953.844	495.330	99.1	0.802	3737	2991	1.00
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.566	53821.891	551148.125	1264.588	101.2	0.819	10565	2186	1.03

Compound name: NMeFOSA
Coefficient of Determination: R^2 = 0.999494
Calibration curve: 0.809767 * x
Response type: Internal Std (Ref 70), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

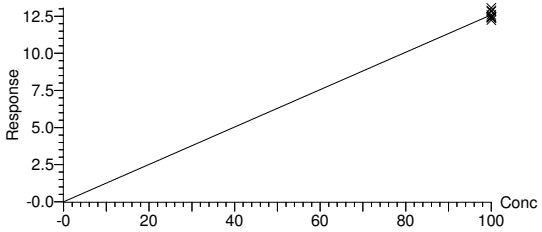
Client	: Soils Engineering Services, Inc.	Lab Number	: L2148182
Project Name	: GROSSINGERS	Project Number	: 9313:11
Instrument ID	: LCMS02	Ical Ref	: ICAL18098
Calibration dates	: 06/25/21 18:20 06/25/21 20:32		

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: d3-NMeFOSA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.575	67547.492	83657.445	98.370	98.4	0.124	3667		0.99
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.571	69293.984	84827.594	97.232	97.2	0.122	7161		1.01
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.562	67588.117	88272.305	103.734	103.7	0.131	6862		1.05
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.558	65536.602	81628.031	98.929	98.9	0.125	5583		0.99
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.567	59909.973	75450.023	100.030	100.0	0.126	2060		1.04
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.558	63236.020	78537.063	98.646	98.6	0.124	4190		1.04
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.554	58447.609	75272.289	102.291	102.3	0.129	2402		1.03
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.558	54255.980	69546.883	101.812	101.8	0.128	6435		1.09
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.558	43199.742	53821.891	98.957	99.0	0.125	6656		1.05

Compound name: d3-NMeFOSA
Response Factor: 0.125902
RRF SD: 0.00270259, % Relative SD: 2.14659
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

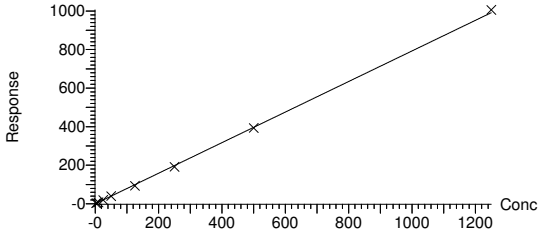
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: NEtFOSA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.884	92093.914	1943.885	2.661	106.5	0.844	564	32	0.97
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.880	96094.531	3999.420	5.248	105.0	0.832	298	14252	0.99
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.875	95391.789	7591.250	10.034	100.3	0.796	833	355	0.99
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.868	90216.102	17971.863	25.118	100.5	0.797	1491	256	1.00
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.880	84298.680	33987.125	50.835	101.7	0.806	4153	922	1.03
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.872	88626.391	82276.086	117.053	93.6	0.743	5976	1305	0.98
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.864	84060.742	161161.656	241.735	96.7	0.767	6504	4638	1.04
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.875	76341.086	300529.344	496.364	99.3	0.787	9549	3397	0.99
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.868	59915.379	602755.000	1268.452	101.5	0.805	7129	5377	1.07

Compound name: NEtFOSA
Coefficient of Determination: R^2 = 0.999472
Calibration curve: 0.793101 * x
Response type: Internal Std (Ref 72), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

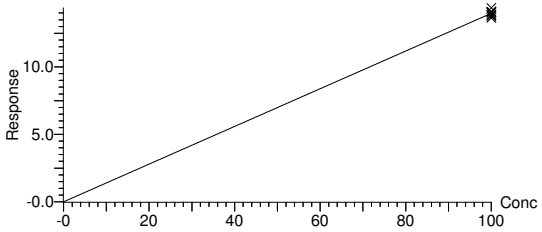
Client	: Soils Engineering Services, Inc.	Lab Number	: L2148182
Project Name	: GROSSINGERS	Project Number	: 9313:11
Instrument ID	: LCMS02	Ical Ref	: ICAL18098
Calibration dates	: 06/25/21 18:20 06/25/21 20:32		

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: d5-NEtFOSA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.872	67547.492	92093.914	97.548	97.5	0.136	12939		0.98
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.868	69293.984	96094.531	99.221	99.2	0.139	1184		1.00
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.864	67588.117	95391.789	100.981	101.0	0.141	6587		1.00
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.856	65536.602	90216.102	98.492	98.5	0.138	4237		1.03
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.868	59909.973	84298.680	100.675	100.7	0.141	8321		1.05
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.860	63236.020	88626.391	100.276	100.3	0.140	3515		1.00
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.852	58447.609	84060.742	102.902	102.9	0.144	4808		1.04
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.860	54255.980	76341.086	100.672	100.7	0.141	3161		1.07
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.856	43199.742	59915.379	99.233	99.2	0.139	2064		1.06

Compound name: d5-NEtFOSA
Response Factor: 0.139766
RRF SD: 0.00220161, % Relative SD: 1.57521
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

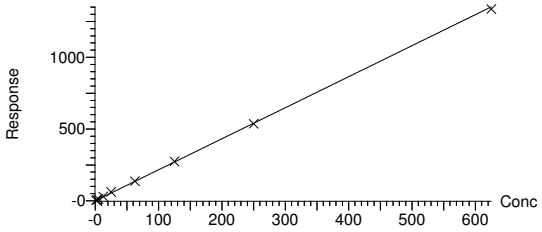
Quantify Compound Summary Report **MassLynx V4.2 SCN977**

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: NMeFOSE

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.581	72046.953	2205.656	1.416	113.2	2.449	253		1.06
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.581	73573.344	4490.516	2.822	112.9	2.441	476		0.98
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.573	71431.508	8401.424	5.438	108.8	2.352	661		1.04
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.564	67250.023	20790.119	14.294	114.4	2.473	1840		1.05
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.577	64554.102	39737.066	28.462	113.8	2.462	3730		1.01
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.568	65944.867	90417.305	63.397	101.4	2.194	3148		1.01
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.564	62904.902	172533.859	126.820	101.5	2.194	8029		1.01
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.573	53660.957	288050.750	248.204	99.3	2.147	4943		1.00
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.568	38671.402	516783.844	617.897	98.9	2.138	9074		1.04

Compound name: NMeFOSE
Coefficient of Determination: R^2 = 0.999074
Calibration curve: 2.16273 * x
Response type: Internal Std (Ref 74), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

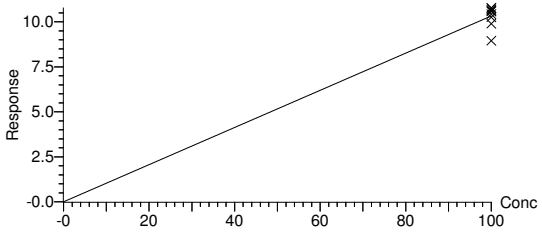
Client	: Soils Engineering Services, Inc.	Lab Number	: L2148182
Project Name	: GROSSINGERS	Project Number	: 9313:11
Instrument ID	: LCMS02	Ical Ref	: ICAL18098
Calibration dates	: 06/25/21 18:20 06/25/21 20:32		

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: d7-NMeFOSE

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.564	67547.492	72046.953	103.307	103.3	0.107	2233		1.06
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.564	69293.984	73573.344	102.837	102.8	0.106	2980		1.00
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.556	67588.117	71431.508	102.363	102.4	0.106	4504		1.04
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.547	65536.602	67250.023	99.388	99.4	0.103	3049		1.08
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.560	59909.973	64554.102	104.363	104.4	0.108	5425		1.03
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.551	63236.020	65944.867	101.004	101.0	0.104	2313		1.03
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.543	58447.609	62904.902	104.242	104.2	0.108	1671		1.12
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.551	54255.980	53660.957	95.793	95.8	0.099	2314		1.07
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.542	43199.742	38671.402	86.703	86.7	0.090	4601		1.21

Compound name: d7-NMeFOSE
Response Factor: 0.103247
RRF SD: 0.00585761, % Relative SD: 5.67341
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

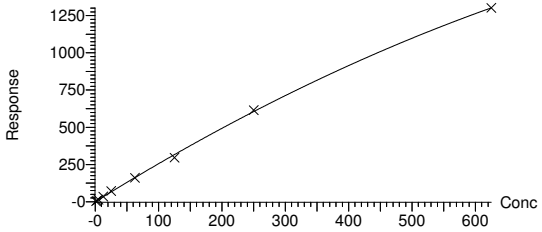
Quantify Compound Summary Report **MassLynx V4.2 SCN977**

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: NEtFOSE

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.869	69590.422	2387.140	1.296	103.7	2.744	185		1.00
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.865	68116.930	5013.218	2.783	111.3	2.944	366		1.03
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.861	69282.852	9777.091	5.340	106.8	2.822	1330		1.04
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.853	64579.359	23164.092	13.613	108.9	2.870	1948		1.05
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.869	60769.219	44471.941	27.910	111.6	2.927	2891		1.00
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.857	65592.391	105280.734	61.941	99.1	2.568	5092		1.02
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.849	66566.281	197116.844	116.490	93.2	2.369	9122		1.06
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.857	56152.844	345471.719	254.512	101.8	2.461	5273		1.09
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.853	48991.504	637641.313	624.967	100.0	2.082	13971		1.10

Compound name: NEtFOSE
Coefficient of Determination: R^2 = 0.998655
Calibration curve: -0.000903598 * x^2 + 2.64729 * x
Response type: Internal Std (Ref 76), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

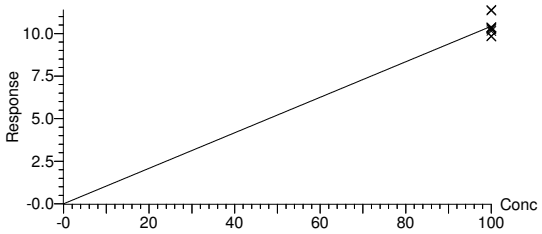
Client	: Soils Engineering Services, Inc.	Lab Number	: L2148182
Project Name	: GROSSINGERS	Project Number	: 9313:11
Instrument ID	: LCMS02	Ical Ref	: ICAL18098
Calibration dates	: 06/25/21 18:20 06/25/21 20:32		

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: d9-NEtFOSE

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.850	67547.492	69590.422	98.816	98.8	0.103	7494		1.01
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.846	69293.984	68116.930	94.286	94.3	0.098	3634		1.03
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.842	67588.117	69282.852	98.320	98.3	0.103	1930		1.03
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.834	65536.602	64579.359	94.514	94.5	0.099	3688		1.02
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.849	59909.973	60769.219	97.291	97.3	0.101	2033		0.99
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.838	63236.020	65592.391	99.490	99.5	0.104	4779		0.98
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.830	58447.609	66566.281	109.239	109.2	0.114	4972		1.01
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.838	54255.980	56152.844	99.269	99.3	0.103	5270		1.02
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.834	43199.742	48991.504	108.775	108.8	0.113	4265		0.95

Compound name: d9-NEtFOSE
Response Factor: 0.104259
RRF SD: 0.00567996, % Relative SD: 5.44796
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

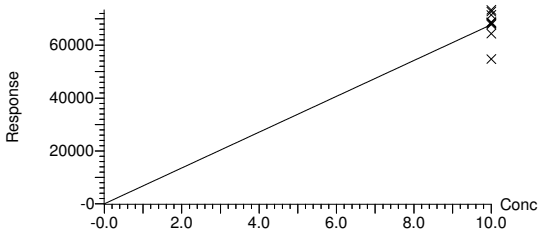
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M3PFPeA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	4.857		68445.523	10.098	101.0	6844.552	4532		2.10
2	I42786	IA537STD-1	25-Jun-21	18:36:58	4.857		72707.008	10.727	107.3	7270.701	12025		2.63
3	I42787	IA537STD-2	25-Jun-21	18:53:32	4.855		73385.523	10.827	108.3	7338.552	11526		2.58
4	I42788	IA537STD-5	25-Jun-21	19:10:06	4.857		71466.500	10.544	105.4	7146.650	7971		2.71
5	I42789	IA537STD-10	25-Jun-21	19:26:39	4.855		67810.570	10.004	100.0	6781.057	11060		2.32
6	I42790	IA537STD-25	25-Jun-21	19:43:14	4.850		68746.930	10.143	101.4	6874.693	16678		2.47
7	I42791	IA537STD-50	25-Jun-21	19:59:48	4.852		68342.992	10.083	100.8	6834.299	4195		2.28
8	I42792	IA537STD-100	25-Jun-21	20:16:21	4.852		64371.035	9.497	95.0	6437.104	5310		2.42
9	I42793	IA537STD-250	25-Jun-21	20:32:55	4.852		54745.551	8.077	80.8	5474.555	2584		2.33

Compound name: M3PFPeA
Response Factor: 6778.02
RRF SD: 561.807, % Relative SD: 8.28865
Response type: External Std, Area
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

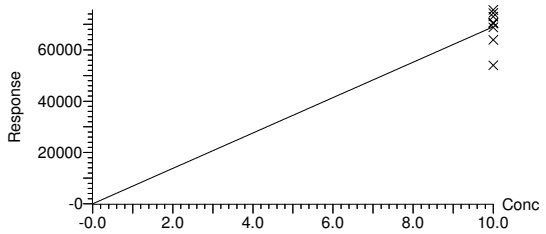
Client	: Soils Engineering Services, Inc.	Lab Number	: L2148182
Project Name	: GROSSINGERS	Project Number	: 9313:11
Instrument ID	: LCMS02	Ical Ref	: ICAL18098
Calibration dates	: 06/25/21 18:20 06/25/21 20:32		

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M2PFHxA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	6.745		70591.609	10.229	102.3	7059.161	6713		3.06
2	I42786	IA537STD-1	25-Jun-21	18:36:58	6.745		74346.078	10.774	107.7	7434.608	6615		2.53
3	I42787	IA537STD-2	25-Jun-21	18:53:32	6.736		75606.055	10.956	109.6	7560.605	6098		2.00
4	I42788	IA537STD-5	25-Jun-21	19:10:06	6.740		73031.016	10.583	105.8	7303.102	3214		2.08
5	I42789	IA537STD-10	25-Jun-21	19:26:39	6.745		70269.289	10.183	101.8	7026.929	15489		2.11
6	I42790	IA537STD-25	25-Jun-21	19:43:14	6.736		70536.602	10.222	102.2	7053.660	3482		1.96
7	I42791	IA537STD-50	25-Jun-21	19:59:48	6.736		68752.352	9.963	99.6	6875.235	7461		2.04
8	I42792	IA537STD-100	25-Jun-21	20:16:21	6.736		63918.813	9.263	92.6	6391.881	3719		2.16
9	I42793	IA537STD-250	25-Jun-21	20:32:55	6.731		54020.688	7.828	78.3	5402.069	2686		1.80

Compound name: M2PFHxA
Response Factor: 6900.81
RRF SD: 656.919, % Relative SD: 9.51945
Response type: External Std, Area
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

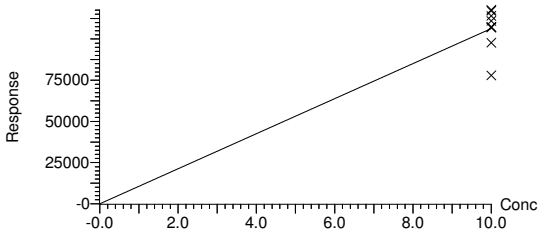
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M4PFOA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	8.972		110950.945	10.434	104.3	11095.095	19236		2.93
2	I42786	IA537STD-1	25-Jun-21	18:36:58	8.968		117678.711	11.067	110.7	11767.871	3605		2.97
3	I42787	IA537STD-2	25-Jun-21	18:53:32	8.968		117141.930	11.016	110.2	11714.193	11200		3.81
4	I42788	IA537STD-5	25-Jun-21	19:10:06	8.980		114072.773	10.728	107.3	11407.277	21028		4.53
5	I42789	IA537STD-10	25-Jun-21	19:26:39	8.976		107353.336	10.096	101.0	10735.334	7585		3.14
6	I42790	IA537STD-25	25-Jun-21	19:43:14	8.960		106945.133	10.057	100.6	10694.513	10959		2.27
7	I42791	IA537STD-50	25-Jun-21	19:59:48	8.957		107144.641	10.076	100.8	10714.464	11033		3.00
8	I42792	IA537STD-100	25-Jun-21	20:16:21	8.957		97760.406	9.194	91.9	9776.041	2911		1.47
9	I42793	IA537STD-250	25-Jun-21	20:32:55	8.960		77961.492	7.332	73.3	7796.149	5904		1.54

Compound name: M4PFOA
Response Factor: 10633.4
RRF SD: 1228.46, % Relative SD: 11.5528
Response type: External Std, Area
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

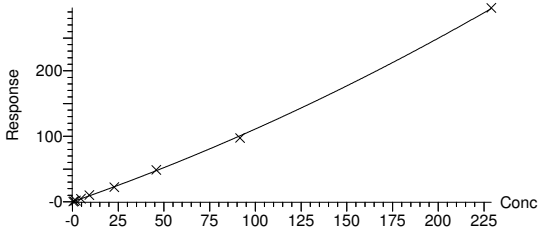
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFPrS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	3.318	13296.128	635.622	0.490	107.1	1.044	212	580	0.75
2	I42786	IA537STD-1	25-Jun-21	18:36:58	3.323	13529.566	1319.751	1.000	109.2	1.065	159	45	0.68
3	I42787	IA537STD-2	25-Jun-21	18:53:32	3.323	13649.750	2526.121	1.895	103.4	1.010	253	414	0.99
4	I42788	IA537STD-5	25-Jun-21	19:10:06	3.320	13428.799	6401.600	4.860	106.1	1.041	915	797	0.89
5	I42789	IA537STD-10	25-Jun-21	19:26:39	3.323	12248.645	12486.402	10.314	112.6	1.113	30208	253	1.08
6	I42790	IA537STD-25	25-Jun-21	19:43:14	3.320	12737.235	28557.262	22.312	97.4	0.979	33247	689	1.01
7	I42791	IA537STD-50	25-Jun-21	19:59:48	3.323	12077.166	58672.797	46.784	102.1	1.061	3297	11050	1.00
8	I42792	IA537STD-100	25-Jun-21	20:16:21	3.320	11898.238	116164.953	89.046	97.2	1.066	31729	40809	1.01
9	I42793	IA537STD-250	25-Jun-21	20:32:55	3.320	9269.692	274485.594	229.649	100.3	1.293	45015	160124	0.98

Compound name: PFPrS
Coefficient of Determination: R^2 = 0.999414
Calibration curve: 0.00137254 * x^2 + 0.974207 * x
Response type: Internal Std (Ref 7), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

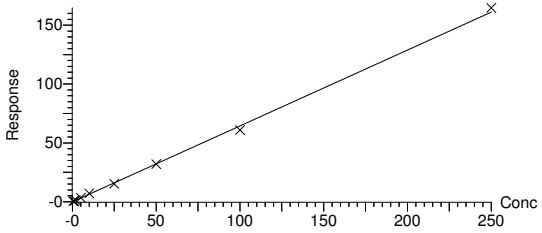
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFMPA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	3.305	57780.328	1991.337	0.535	107.0	0.689	313		0.60
2	I42786	IA537STD-1	25-Jun-21	18:36:58	3.305	60023.031	4253.703	1.100	110.0	0.709	1154		0.96
3	I42787	IA537STD-2	25-Jun-21	18:53:32	3.305	60513.422	7947.105	2.038	101.9	0.657	16313		1.10
4	I42788	IA537STD-5	25-Jun-21	19:10:06	3.305	58136.680	19739.205	5.270	105.4	0.679	10706		1.09
5	I42789	IA537STD-10	25-Jun-21	19:26:39	3.307	54205.727	38296.465	10.965	109.7	0.707	7665		1.15
6	I42790	IA537STD-25	25-Jun-21	19:43:14	3.302	57145.898	87505.352	23.766	95.1	0.613	29444		1.09
7	I42791	IA537STD-50	25-Jun-21	19:59:48	3.302	55028.297	176292.797	49.722	99.4	0.641	32595		1.08
8	I42792	IA537STD-100	25-Jun-21	20:16:21	3.300	56827.293	345994.313	94.496	94.5	0.609	70412		1.10
9	I42793	IA537STD-250	25-Jun-21	20:32:55	3.297	48596.504	800346.125	255.608	102.2	0.659	223927		1.04

Compound name: PFMPA
Coefficient of Determination: R^2 = 0.998550
Calibration curve: 0.644315 * x
Response type: Internal Std (Ref 3), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

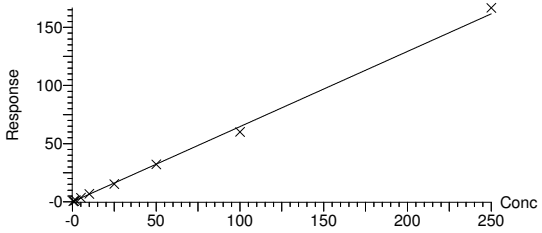
Client	: Soils Engineering Services, Inc.	Lab Number	: L2148182
Project Name	: GROSSINGERS	Project Number	: 9313:11
Instrument ID	: LCMS02	Ical Ref	: ICAL18098
Calibration dates	: 06/25/21 18:20 06/25/21 20:32		

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFMBA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	5.567	65293.742	2185.185	0.518	103.5	0.669	1122		1.11
2	I42786	IA537STD-1	25-Jun-21	18:36:58	5.567	66911.328	4617.612	1.068	106.8	0.690	2121		1.14
3	I42787	IA537STD-2	25-Jun-21	18:53:32	5.562	67487.727	8805.560	2.018	100.9	0.652	12395		1.09
4	I42788	IA537STD-5	25-Jun-21	19:10:06	5.567	64551.254	21989.371	5.270	105.4	0.681	4716		1.15
5	I42789	IA537STD-10	25-Jun-21	19:26:39	5.569	60132.316	40825.941	10.503	105.0	0.679	164578		1.16
6	I42790	IA537STD-25	25-Jun-21	19:43:14	5.555	62822.996	96113.078	23.667	94.7	0.612	277184		1.10
7	I42791	IA537STD-50	25-Jun-21	19:59:48	5.558	60026.988	192846.172	49.698	99.4	0.643	33051		1.10
8	I42792	IA537STD-100	25-Jun-21	20:16:21	5.560	61133.020	366831.594	92.824	92.8	0.600	1464199		1.11
9	I42793	IA537STD-250	25-Jun-21	20:32:55	5.558	49834.328	830936.375	257.935	103.2	0.667	3279777		1.10

Compound name: PFMBA
Coefficient of Determination: R^2 = 0.997908
Calibration curve: 0.64644 * x
Response type: Internal Std (Ref 5), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

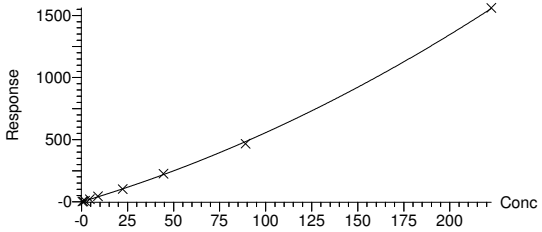
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFEESA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	6.259	15614.954	3276.106	0.475	106.8	4.715	801	27	1.18
2	I42786	IA537STD-1	25-Jun-21	18:36:58	6.261	15923.893	7136.023	1.014	113.9	5.035	833	19	2.07
3	I42787	IA537STD-2	25-Jun-21	18:53:32	6.255	15851.401	13141.892	1.872	105.2	4.658	2652	149	1.23
4	I42788	IA537STD-5	25-Jun-21	19:10:06	6.261	15344.866	33306.844	4.862	109.3	4.878	7496	298	2.45
5	I42789	IA537STD-10	25-Jun-21	19:26:39	6.263	14276.569	62824.078	9.735	109.4	4.944	12672	96	2.53
6	I42790	IA537STD-25	25-Jun-21	19:43:14	6.252	14892.317	152006.172	21.895	98.4	4.587	3051	46	2.82
7	I42791	IA537STD-50	25-Jun-21	19:59:48	6.253	13709.874	309059.031	45.653	102.6	5.066	16682	446	3.74
8	I42792	IA537STD-100	25-Jun-21	20:16:21	6.252	13095.640	612222.750	86.394	97.1	5.253	13758	1907	3.30
9	I42793	IA537STD-250	25-Jun-21	20:32:55	6.255	9182.548	1433684.875	223.067	100.3	7.017	24870	188	2.32

Compound name: PFEESA
Coefficient of Determination: R^2 = 0.999514
Calibration curve: 0.0116194 * x^2 + 4.4074 * x
Response type: Internal Std (Ref 18), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

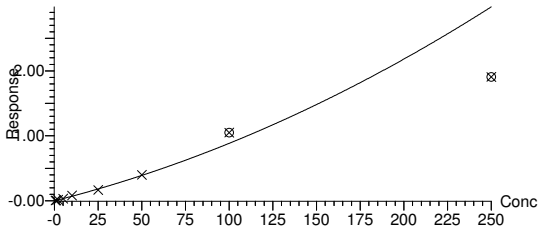
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148182
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: NFDHA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	6.528	69092.836	35.005	0.745	149.0	0.010	3		0.98
2	I42786	IA537STD-1	25-Jun-21	18:36:58	6.531	71767.094	49.020	1.004	100.4	0.007	8		0.94
3	I42787	IA537STD-2	25-Jun-21	18:53:32	6.515	71122.000	95.191	1.961	98.1	0.007	1321	39	0.93
4	I42788	IA537STD-5	25-Jun-21	19:10:06	6.522	68872.398	221.501	4.675	93.5	0.006	2887	4	0.94
5	I42789	IA537STD-10	25-Jun-21	19:26:39	6.522	63598.234	520.781	11.659	116.6	0.008	329	10	1.27
6	I42790	IA537STD-25	25-Jun-21	19:43:14	6.512	66333.828	1091.324	22.689	90.8	0.007	16	2	1.00
7	I42791	IA537STD-50	25-Jun-21	19:59:48	6.512	62021.500	2465.451	50.767	101.5	0.008	352	8	1.21
8	I42792	IA537STD-100	25-Jun-21	20:16:21	6.512	61755.355	6489.599	114.830	114.8	0.011	1438	24	2.02
9	I42793	IA537STD-250	25-Jun-21	20:32:55	6.505	48768.344	9292.991	181.150	72.5	0.008	28	32	1.86

Compound name: NFDHA
Coefficient of Determination: R^2 = 0.992404
Calibration curve: 2.06235e-005 * x^2 + 0.0067832 * x
Response type: Internal Std (Ref 11), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



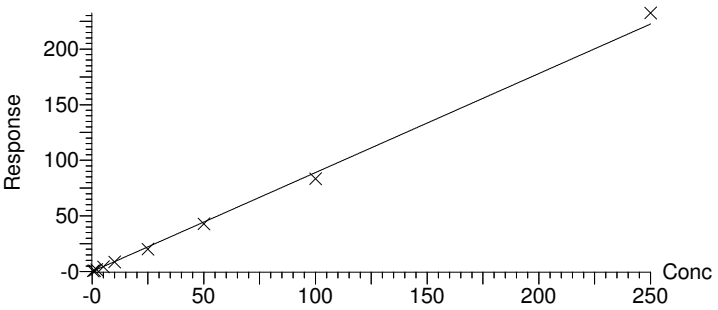
Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\MethDB\537ISO_Q_210625_TOP_RT.mdb 22 Jun 2021 09:28:25
Calibration: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

Compound name: PFBA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	1.969	57780.328	2503.404	0.487	97.4	0.867	1618		0.87
2	I42786	IA537STD-1	25-Jun-21	18:36:58	1.966	60023.031	5202.597	0.974	97.4	0.867	2613		0.85
3	I42787	IA537STD-2	25-Jun-21	18:53:32	1.969	60513.422	10011.021	1.859	92.9	0.827	6031		0.84
4	I42788	IA537STD-5	25-Jun-21	19:10:06	1.969	58136.680	24777.404	4.789	95.8	0.852	21541		0.88
5	I42789	IA537STD-10	25-Jun-21	19:26:39	1.974	54205.727	47227.559	9.790	97.9	0.871	2077		0.95
6	I42790	IA537STD-25	25-Jun-21	19:43:14	1.969	57145.898	114715.680	22.556	90.2	0.803	43396		0.81
7	I42791	IA537STD-50	25-Jun-21	19:59:48	1.971	55028.297	236504.828	48.293	96.6	0.860	87214		0.81
8	I42792	IA537STD-100	25-Jun-21	20:16:21	1.966	56827.293	473389.375	93.604	93.6	0.833	57726		0.81
9	I42793	IA537STD-250	25-Jun-21	20:32:55	1.971	48596.504	1129428.250	261.148	104.5	0.930	281096		0.71

Compound name: PFBA
Coefficient of Determination: R^2 = 0.997114
Calibration curve: 0.889954 * x
Response type: Internal Std (Ref 3), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



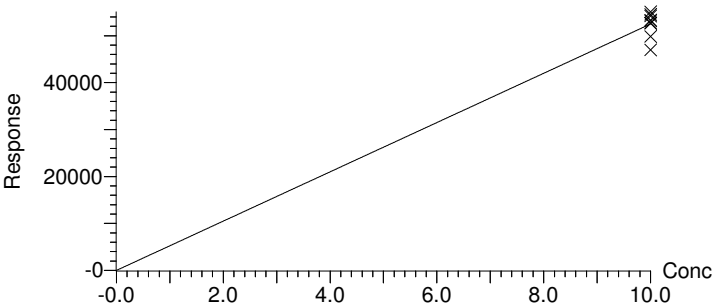
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M3PFBA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	1.962		52649.926	10.029	100.3	5264.993	9955		0.86
2	I42786	IA537STD-1	25-Jun-21	18:36:58	1.965		55084.805	10.493	104.9	5508.480	30928		0.85
3	I42787	IA537STD-2	25-Jun-21	18:53:32	1.967		54195.488	10.323	103.2	5419.549	8023		0.84
4	I42788	IA537STD-5	25-Jun-21	19:10:06	1.967		53174.184	10.129	101.3	5317.418	21544		0.87
5	I42789	IA537STD-10	25-Jun-21	19:26:39	1.972		49840.660	9.494	94.9	4984.066	21839		0.94
6	I42790	IA537STD-25	25-Jun-21	19:43:14	1.967		54558.551	10.392	103.9	5455.855	19275		0.81
7	I42791	IA537STD-50	25-Jun-21	19:59:48	1.970		53345.297	10.161	101.6	5334.530	6943		0.80
8	I42792	IA537STD-100	25-Jun-21	20:16:21	1.965		52675.707	10.034	100.3	5267.571	35088		0.81
9	I42793	IA537STD-250	25-Jun-21	20:32:55	1.970		46961.406	8.945	89.5	4696.141	7126		0.71

Compound name: M3PFBA
Response Factor: 5249.84
RRF SD: 256.817, % Relative SD: 4.8919
Response type: External Std, Area
Curve type: RF



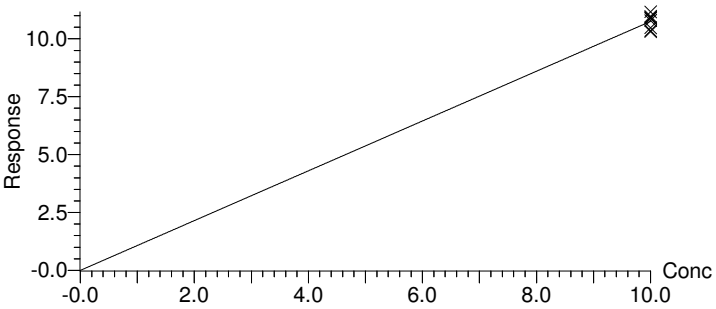
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: MPFBA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	1.963	52649.926	57780.328	10.206	102.1	1.097	44254		0.86
2	I42786	IA537STD-1	25-Jun-21	18:36:58	1.966	55084.805	60023.031	10.134	101.3	1.090	112943		0.84
3	I42787	IA537STD-2	25-Jun-21	18:53:32	1.966	54195.488	60513.422	10.384	103.8	1.117	62673		0.84
4	I42788	IA537STD-5	25-Jun-21	19:10:06	1.966	53174.184	58136.680	10.168	101.7	1.093	23841		0.87
5	I42789	IA537STD-10	25-Jun-21	19:26:39	1.973	49840.660	54205.727	10.115	101.1	1.088	39951		0.93
6	I42790	IA537STD-25	25-Jun-21	19:43:14	1.966	54558.551	57145.898	9.741	97.4	1.047	31272		0.81
7	I42791	IA537STD-50	25-Jun-21	19:59:48	1.968	53345.297	55028.297	9.594	95.9	1.032	18669		0.80
8	I42792	IA537STD-100	25-Jun-21	20:16:21	1.966	52675.707	56827.293	10.033	100.3	1.079	46464		0.81
9	I42793	IA537STD-250	25-Jun-21	20:32:55	1.970	46961.406	48596.504	9.624	96.2	1.035	12543		0.69

Compound name: MPFBA
Response Factor: 1.07524
RRF SD: 0.0300376, % Relative SD: 2.79356
Response type: Internal Std (Ref 2), Area * (IS Conc. / IS Area)
Curve type: RF



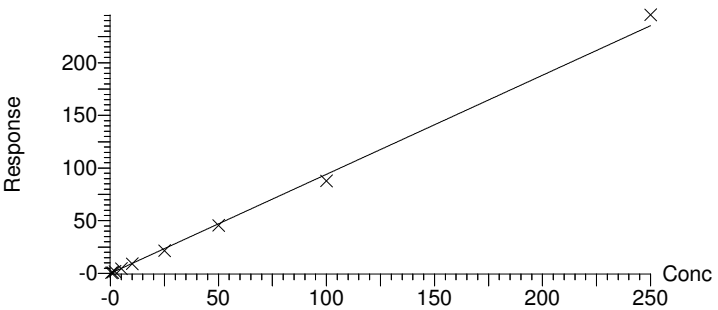
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFPeA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	4.850	65293.742	3001.893	0.489	97.7	0.920	461		0.91
2	I42786	IA537STD-1	25-Jun-21	18:36:58	4.850	66911.328	6365.286	1.011	101.1	0.951	1376		0.89
3	I42787	IA537STD-2	25-Jun-21	18:53:32	4.847	67487.727	11881.345	1.871	93.6	0.880	10568		0.88
4	I42788	IA537STD-5	25-Jun-21	19:10:06	4.852	64551.254	29487.203	4.855	97.1	0.914	11140		0.88
5	I42789	IA537STD-10	25-Jun-21	19:26:39	4.852	60132.316	55591.688	9.825	98.3	0.924	10596		0.96
6	I42790	IA537STD-25	25-Jun-21	19:43:14	4.843	62822.996	135278.266	22.885	91.5	0.861	22089		0.83
7	I42791	IA537STD-50	25-Jun-21	19:59:48	4.845	60026.988	272712.906	48.283	96.6	0.909	122857		0.82
8	I42792	IA537STD-100	25-Jun-21	20:16:21	4.845	61133.020	536881.625	93.334	93.3	0.878	135523		0.83
9	I42793	IA537STD-250	25-Jun-21	20:32:55	4.845	49834.328	1223624.250	260.948	104.4	0.982	124283		0.73

Compound name: PFPeA
Coefficient of Determination: R^2 = 0.997229
Calibration curve: 0.940946 * x
Response type: Internal Std (Ref 5), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



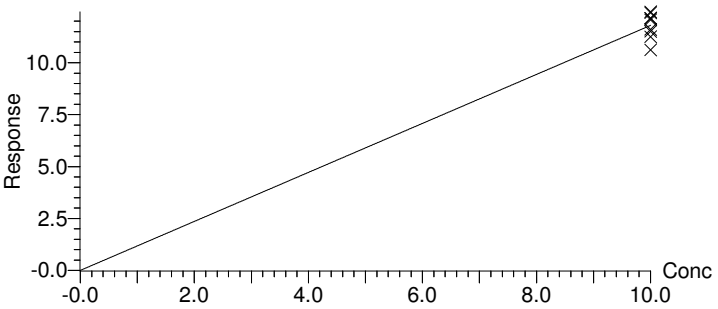
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M5PFPEA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	4.851	52649.926	65293.742	10.511	105.1	1.240	17174		0.82
2	I42786	IA537STD-1	25-Jun-21	18:36:58	4.851	55084.805	66911.328	10.295	102.9	1.215	14092		0.81
3	I42787	IA537STD-2	25-Jun-21	18:53:32	4.848	54195.488	67487.727	10.554	105.5	1.245	21059		0.81
4	I42788	IA537STD-5	25-Jun-21	19:10:06	4.851	53174.184	64551.254	10.289	102.9	1.214	25999		0.83
5	I42789	IA537STD-10	25-Jun-21	19:26:39	4.853	49840.660	60132.316	10.225	102.3	1.206	7455		0.91
6	I42790	IA537STD-25	25-Jun-21	19:43:14	4.844	54558.551	62822.996	9.759	97.6	1.151	9414		0.76
7	I42791	IA537STD-50	25-Jun-21	19:59:48	4.846	53345.297	60026.988	9.537	95.4	1.125	31033		0.74
8	I42792	IA537STD-100	25-Jun-21	20:16:21	4.846	52675.707	61133.020	9.836	98.4	1.161	12512		0.76
9	I42793	IA537STD-250	25-Jun-21	20:32:55	4.848	46961.406	49834.328	8.994	89.9	1.061	11342		0.64

Compound name: M5PFPEA
Response Factor: 1.17989
RRF SD: 0.0604607, % Relative SD: 5.12426
Response type: Internal Std (Ref 2), Area * (IS Conc. / IS Area)
Curve type: RF



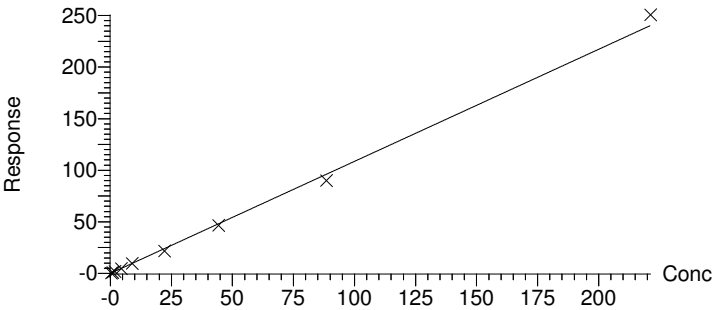
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFBS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	5.515	13296.128	591.544	0.410	92.5	1.005	177	96	0.80
2	I42786	IA537STD-1	25-Jun-21	18:36:58	5.517	13529.566	1317.789	0.897	101.3	1.101	452	128	0.71
3	I42787	IA537STD-2	25-Jun-21	18:53:32	5.512	13649.750	2418.258	1.631	92.1	1.001	3213	223	0.72
4	I42788	IA537STD-5	25-Jun-21	19:10:06	5.515	13428.799	6288.119	4.310	97.4	1.058	1281	501	0.76
5	I42789	IA537STD-10	25-Jun-21	19:26:39	5.515	12248.645	11722.187	8.809	99.5	1.081	4074	1363	0.87
6	I42790	IA537STD-25	25-Jun-21	19:43:14	5.508	12737.235	27699.564	20.017	90.5	0.983	4410	4948	0.67
7	I42791	IA537STD-50	25-Jun-21	19:59:48	5.508	12077.166	56096.438	42.754	96.6	1.050	34347	2647	0.67
8	I42792	IA537STD-100	25-Jun-21	20:16:21	5.508	11898.238	107187.992	82.922	93.7	1.018	25445	15160	0.68
9	I42793	IA537STD-250	25-Jun-21	20:32:55	5.510	9269.692	232379.156	230.748	104.3	1.133	43501	17921	0.56

Compound name: PFBS
Coefficient of Determination: R^2 = 0.997270
Calibration curve: 1.08641 * x
Response type: Internal Std (Ref 7), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



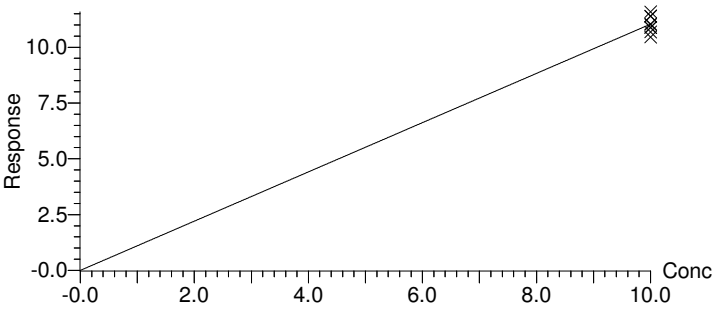
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M3PFBS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	5.513	12049.551	13296.128	10.001	100.0	1.103	2236		0.77
2	I42786	IA537STD-1	25-Jun-21	18:36:58	5.515	12436.962	13529.566	9.860	98.6	1.088	1902		0.72
3	I42787	IA537STD-2	25-Jun-21	18:53:32	5.510	11973.752	13649.750	10.332	103.3	1.140	4850		0.73
4	I42788	IA537STD-5	25-Jun-21	19:10:06	5.513	12188.990	13428.799	9.985	99.9	1.102	2158		0.77
5	I42789	IA537STD-10	25-Jun-21	19:26:39	5.513	11257.388	12248.645	9.862	98.6	1.088	3208		0.88
6	I42790	IA537STD-25	25-Jun-21	19:43:14	5.506	12191.913	12737.235	9.469	94.7	1.045	3893		0.67
7	I42791	IA537STD-50	25-Jun-21	19:59:48	5.508	11312.826	12077.166	9.676	96.8	1.068	914		0.65
8	I42792	IA537STD-100	25-Jun-21	20:16:21	5.508	10453.800	11898.238	10.316	103.2	1.138	9438		0.66
9	I42793	IA537STD-250	25-Jun-21	20:32:55	5.508	8001.944	9269.692	10.499	105.0	1.158	16203		0.57

Compound name: M3PFBS
Response Factor: 1.10333
RRF SD: 0.0367112, % Relative SD: 3.32732
Response type: Internal Std (Ref 32), Area * (IS Conc. / IS Area)
Curve type: RF



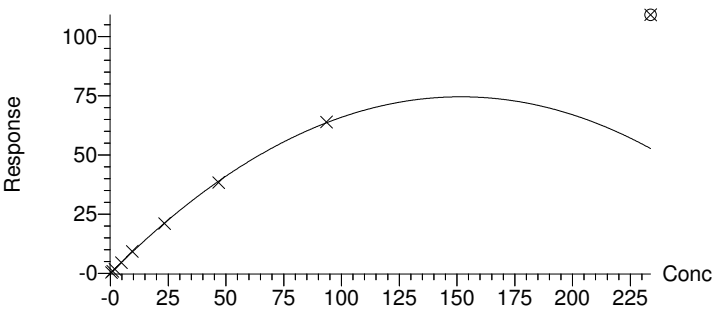
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: 4:2FTS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	6.674	4751.496	197.504	0.423	90.5	0.889	169	7	0.92
2	I42786	IA537STD-1	25-Jun-21	18:36:58	6.670	4848.491	448.143	0.943	100.8	0.989	93	40	1.03
3	I42787	IA537STD-2	25-Jun-21	18:53:32	6.666	4949.058	898.811	1.858	99.3	0.971	149	41	0.94
4	I42788	IA537STD-5	25-Jun-21	19:10:06	6.670	4876.582	2258.045	4.783	102.3	0.990	39070	69	0.97
5	I42789	IA537STD-10	25-Jun-21	19:26:39	6.674	4586.584	4269.456	9.779	104.6	0.996	331	349	1.12
6	I42790	IA537STD-25	25-Jun-21	19:43:14	6.662	4981.509	10485.229	23.169	99.1	0.900	175390	371	0.93
7	I42791	IA537STD-50	25-Jun-21	19:59:48	6.662	5423.619	20794.605	45.937	98.3	0.820	2194	473	0.92
8	I42792	IA537STD-100	25-Jun-21	20:16:21	6.662	6731.338	43008.996	94.237	100.8	0.683	3614	2224	0.90
9	I42793	IA537STD-250	25-Jun-21	20:32:55	6.658	9131.959	99727.539			0.467	7599	5887	0.88

Compound name: 4:2FTS
Coefficient of Determination: R^2 = 0.999676
Calibration curve: -0.00324274 * x^2 + 0.983598 * x
Response type: Internal Std (Ref 9), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



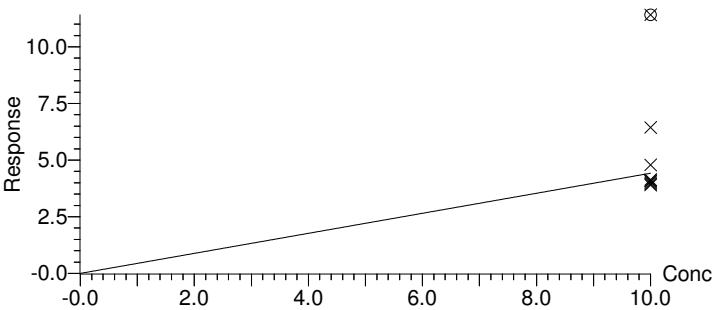
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M2-4:2FTS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	6.674	12049.551	4751.496	8.919	89.2	0.394	1039		0.92
2	I42786	IA537STD-1	25-Jun-21	18:36:58	6.674	12436.962	4848.491	8.818	88.2	0.390	395		0.92
3	I42787	IA537STD-2	25-Jun-21	18:53:32	6.666	11973.752	4949.058	9.349	93.5	0.413	600		0.93
4	I42788	IA537STD-5	25-Jun-21	19:10:06	6.670	12188.990	4876.582	9.049	90.5	0.400	1091		0.94
5	I42789	IA537STD-10	25-Jun-21	19:26:39	6.674	11257.388	4586.584	9.215	92.2	0.407	436		1.01
6	I42790	IA537STD-25	25-Jun-21	19:43:14	6.662	12191.913	4981.509	9.242	92.4	0.409	881		0.94
7	I42791	IA537STD-50	25-Jun-21	19:59:48	6.662	11312.826	5423.619	10.844	108.4	0.479	90583		0.90
8	I42792	IA537STD-100	25-Jun-21	20:16:21	6.662	10453.800	6731.338	14.564	145.6	0.644	1102		0.91
9	I42793	IA537STD-250	25-Jun-21	20:32:55	6.659	8001.944	9131.959	25.813	258.1	1.141	2041		0.89

Compound name: M2-4:2FTS
Response Factor: 0.442117
RRF SD: 0.0862327, % Relative SD: 19.5045
Response type: Internal Std (Ref 32), Area * (IS Conc. / IS Area)
Curve type: RF



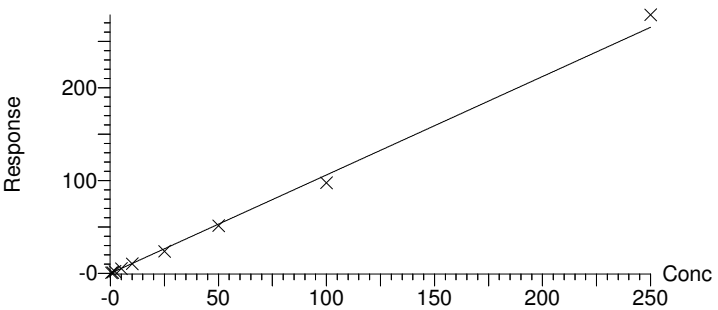
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFHxA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	6.745	69092.836	4253.300	0.580	116.0	1.231	496	36	0.96
2	I42786	IA537STD-1	25-Jun-21	18:36:58	6.745	71767.094	8367.647	1.099	109.9	1.166	848	62	0.97
3	I42787	IA537STD-2	25-Jun-21	18:53:32	6.736	71122.000	14613.060	1.936	96.8	1.027	2847	138	1.02
4	I42788	IA537STD-5	25-Jun-21	19:10:06	6.740	68872.398	35119.141	4.806	96.1	1.020	4834	235	1.04
5	I42789	IA537STD-10	25-Jun-21	19:26:39	6.745	63598.234	65785.844	9.749	97.5	1.034	1598	308	1.04
6	I42790	IA537STD-25	25-Jun-21	19:43:14	6.735	66333.828	157728.188	22.410	89.6	0.951	12563	801	0.97
7	I42791	IA537STD-50	25-Jun-21	19:59:48	6.735	62021.500	317867.688	48.303	96.6	1.025	18733	2605	0.96
8	I42792	IA537STD-100	25-Jun-21	20:16:21	6.735	61755.355	602625.625	91.968	92.0	0.976	16100	2727	0.96
9	I42793	IA537STD-250	25-Jun-21	20:32:55	6.731	48768.344	1359090.750	262.649	105.1	1.115	49327	8392	0.96

Compound name: PFHxA
Coefficient of Determination: R^2 = 0.996112
Calibration curve: 1.06105 * x
Response type: Internal Std (Ref 11), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



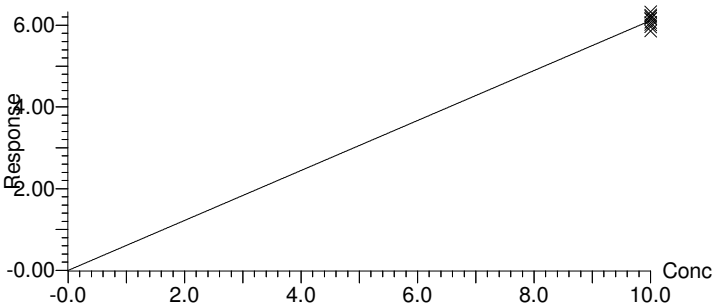
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M5PFHxA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	6.746	111073.586	69092.836	10.173	101.7	0.622	5800		0.97
2	I42786	IA537STD-1	25-Jun-21	18:36:58	6.741	118228.344	71767.094	9.927	99.3	0.607	5247		1.03
3	I42787	IA537STD-2	25-Jun-21	18:53:32	6.737	112389.805	71122.000	10.349	103.5	0.633	2471		0.99
4	I42788	IA537STD-5	25-Jun-21	19:10:06	6.741	110228.664	68872.398	10.218	102.2	0.625	3257		1.00
5	I42789	IA537STD-10	25-Jun-21	19:26:39	6.746	103278.344	63598.234	10.071	100.7	0.616	1348		1.00
6	I42790	IA537STD-25	25-Jun-21	19:43:14	6.737	110312.555	66333.828	9.834	98.3	0.601	5301		0.93
7	I42791	IA537STD-50	25-Jun-21	19:59:48	6.732	105813.898	62021.500	9.586	95.9	0.586	12582		1.00
8	I42792	IA537STD-100	25-Jun-21	20:16:21	6.732	100008.320	61755.355	10.099	101.0	0.618	6891		1.01
9	I42793	IA537STD-250	25-Jun-21	20:32:55	6.732	81871.438	48768.344	9.742	97.4	0.596	4460		0.93

Compound name: M5PFHxA
Response Factor: 0.611458
RRF SD: 0.0150611, % Relative SD: 2.46314
Response type: Internal Std (Ref 23), Area * (IS Conc. / IS Area)
Curve type: RF



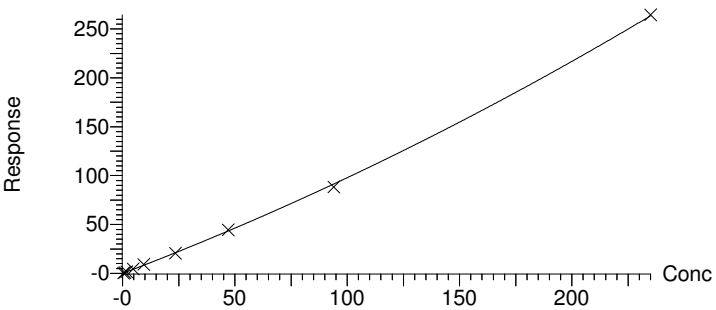
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFPeS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	7.075	15614.954	611.768	0.448	95.4	0.834	551	69	0.89
2	I42786	IA537STD-1	25-Jun-21	18:36:58	7.075	15923.893	1441.627	1.035	110.1	0.963	221	167	0.92
3	I42787	IA537STD-2	25-Jun-21	18:53:32	7.067	15851.401	2803.457	2.020	107.4	0.941	564	448	0.97
4	I42788	IA537STD-5	25-Jun-21	19:10:06	7.071	15344.866	6810.514	5.050	107.4	0.944	1405	913	0.98
5	I42789	IA537STD-10	25-Jun-21	19:26:39	7.075	14276.569	13139.021	10.404	110.7	0.979	2154	771	1.03
6	I42790	IA537STD-25	25-Jun-21	19:43:14	7.067	14892.317	30663.672	22.935	97.6	0.876	4779	1857	0.93
7	I42791	IA537STD-50	25-Jun-21	19:59:48	7.063	13709.874	61044.855	48.170	102.5	0.947	5062	2730	1.00
8	I42792	IA537STD-100	25-Jun-21	20:16:21	7.063	13095.640	115817.977	91.204	97.0	0.941	8676	3683	0.95
9	I42793	IA537STD-250	25-Jun-21	20:32:55	7.059	9182.548	242835.391	235.713	100.3	1.125	9895	10543	0.95

Compound name: PFPeS
Coefficient of Determination: R^2 = 0.999407
Calibration curve: 0.00105348 * x^2 + 0.873611 * x
Response type: Internal Std (Ref 18), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



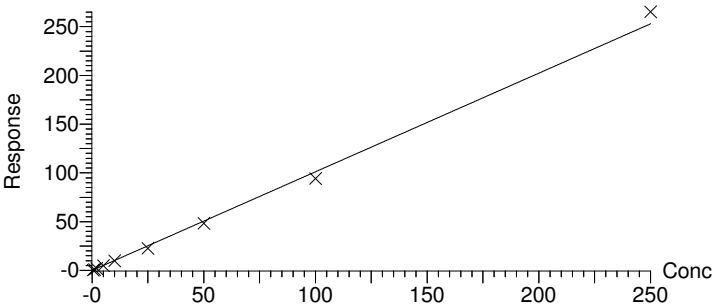
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFHpA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	8.025	104333.477	5086.468	0.482	96.4	0.975	1223	183	1.04
2	I42786	IA537STD-1	25-Jun-21	18:36:58	8.023	108293.328	10877.809	0.993	99.3	1.004	1556	71	1.15
3	I42787	IA537STD-2	25-Jun-21	18:53:32	8.021	107150.211	20255.795	1.868	93.4	0.945	3188	489	1.09
4	I42788	IA537STD-5	25-Jun-21	19:10:06	8.027	102990.773	50076.461	4.806	96.1	0.972	6695	1382	1.01
5	I42789	IA537STD-10	25-Jun-21	19:26:39	8.027	96549.680	94619.734	9.686	96.9	0.980	7212	1295	1.06
6	I42790	IA537STD-25	25-Jun-21	19:43:14	8.019	98716.922	224895.484	22.516	90.1	0.911	13304	3514	1.06
7	I42791	IA537STD-50	25-Jun-21	19:59:48	8.017	92801.453	449167.406	47.837	95.7	0.968	18775	5539	1.07
8	I42792	IA537STD-100	25-Jun-21	20:16:21	8.012	90321.172	851280.500	93.151	93.2	0.943	37541	13668	1.13
9	I42793	IA537STD-250	25-Jun-21	20:32:55	8.017	69738.391	1849842.625	262.162	104.9	1.061	38005	18596	1.08

Compound name: PFHpA
Coefficient of Determination: R^2 = 0.996645
Calibration curve: 1.0118 * x
Response type: Internal Std (Ref 14), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



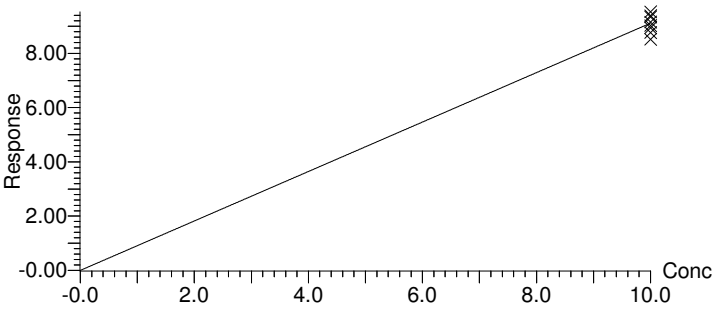
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M4PFHpA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	8.025	111073.586	104333.477	10.304	103.0	0.939	5474		1.06
2	I42786	IA537STD-1	25-Jun-21	18:36:58	8.023	118228.344	108293.328	10.048	100.5	0.916	7325		1.10
3	I42787	IA537STD-2	25-Jun-21	18:53:32	8.021	112389.805	107150.211	10.458	104.6	0.953	10525		1.06
4	I42788	IA537STD-5	25-Jun-21	19:10:06	8.025	110228.664	102990.773	10.249	102.5	0.934	11261		1.05
5	I42789	IA537STD-10	25-Jun-21	19:26:39	8.025	103278.344	96549.680	10.255	102.5	0.935	7401		1.12
6	I42790	IA537STD-25	25-Jun-21	19:43:14	8.019	110312.555	98716.922	9.816	98.2	0.895	8711		1.04
7	I42791	IA537STD-50	25-Jun-21	19:59:48	8.015	105813.898	92801.453	9.620	96.2	0.877	5712		1.10
8	I42792	IA537STD-100	25-Jun-21	20:16:21	8.012	100008.320	90321.172	9.907	99.1	0.903	11666		1.12
9	I42793	IA537STD-250	25-Jun-21	20:32:55	8.015	81871.438	69738.391	9.344	93.4	0.852	5249		1.11

Compound name: M4PFHpA
Response Factor: 0.911634
RRF SD: 0.0330011, % Relative SD: 3.61999
Response type: Internal Std (Ref 23), Area * (IS Conc. / IS Area)
Curve type: RF



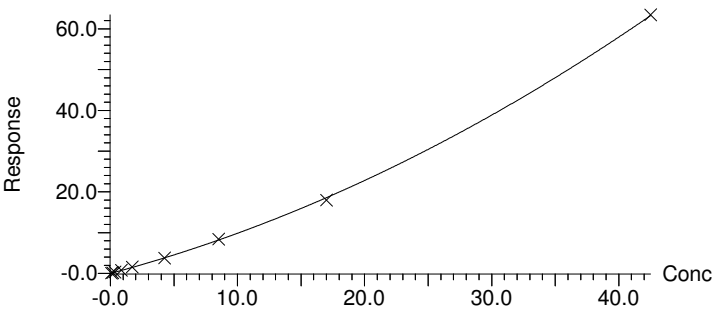
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: br-PFHxS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	7.956	15614.954	97.810	0.075	88.7	0.737	15	5	0.50
2	I42786	IA537STD-1	25-Jun-21	18:36:58	7.958	15923.893	250.435	0.189	111.1	0.925	20	5	0.50
3	I42787	IA537STD-2	25-Jun-21	18:53:32	7.956	15851.401	461.364	0.348	102.5	0.856	5	19	0.39
4	I42788	IA537STD-5	25-Jun-21	19:10:06	7.958	15344.866	1206.948	0.932	109.6	0.925	75	36	0.47
5	I42789	IA537STD-10	25-Jun-21	19:26:39	7.960	14276.569	2282.906	1.862	109.5	0.941	141	101	0.45
6	I42790	IA537STD-25	25-Jun-21	19:43:14	7.951	14892.317	5586.949	4.193	98.7	0.883	121	204	0.45
7	I42791	IA537STD-50	25-Jun-21	19:59:48	7.951	13709.874	11522.106	8.711	102.5	0.989	1050	301	0.41
8	I42792	IA537STD-100	25-Jun-21	20:16:21	7.949	13095.640	23558.871	16.559	97.4	1.058	1590	949	0.42
9	I42793	IA537STD-250	25-Jun-21	20:32:55	7.951	9182.548	58256.574	42.588	100.2	1.493	923	1184	0.42

Compound name: br-PFHxS
Coefficient of Determination: R^2 = 0.999607
Calibration curve: 0.0154938 * x^2 + 0.829815 * x
Response type: Internal Std (Ref 18), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



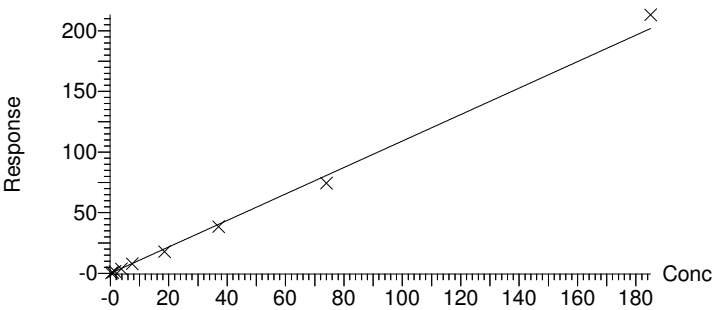
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: L-PFHxS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	8.194	15614.954	606.200	0.356	96.2	1.049	114	60	1.05
2	I42786	IA537STD-1	25-Jun-21	18:36:58	8.192	15923.893	1265.800	0.729	98.4	1.074	176	52	1.14
3	I42787	IA537STD-2	25-Jun-21	18:53:32	8.190	15851.401	2428.331	1.404	94.9	1.035	43	218	1.08
4	I42788	IA537STD-5	25-Jun-21	19:10:06	8.196	15344.866	5811.142	3.471	93.8	1.024	564	422	1.08
5	I42789	IA537STD-10	25-Jun-21	19:26:39	8.192	14276.569	11296.776	7.252	98.0	1.069	1145	1095	1.25
6	I42790	IA537STD-25	25-Jun-21	19:43:14	8.186	14892.317	26533.008	16.329	88.3	0.963	945	2242	1.13
7	I42791	IA537STD-50	25-Jun-21	19:59:48	8.181	13709.874	52627.758	35.181	95.1	1.037	7628	2910	1.18
8	I42792	IA537STD-100	25-Jun-21	20:16:21	8.181	13095.640	97342.688	68.125	92.1	1.004	10038	7825	1.10
9	I42793	IA537STD-250	25-Jun-21	20:32:55	8.181	9182.548	195719.125	195.344	105.6	1.152	4556	8020	1.22

Compound name: L-PFHxS
Coefficient of Determination: R^2 = 0.995527
Calibration curve: 1.09111 * x
Response type: Internal Std (Ref 18), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



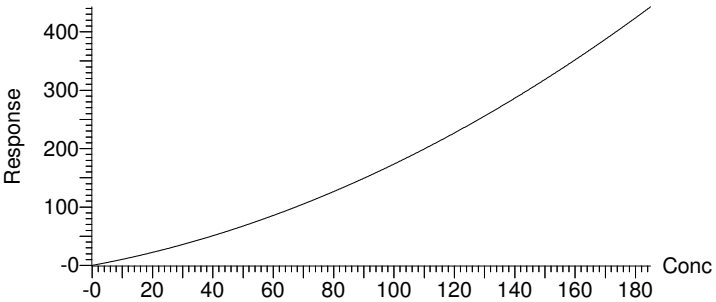
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFHxS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	ng/mL	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24		15614.954	704.010	0.431					
2	I42786	IA537STD-1	25-Jun-21	18:36:58		15923.893	1516.235	0.917					
3	I42787	IA537STD-2	25-Jun-21	18:53:32		15851.401	2889.695	1.752					
4	I42788	IA537STD-5	25-Jun-21	19:10:06		15344.866	7018.090	4.402					
5	I42789	IA537STD-10	25-Jun-21	19:26:39		14276.569	13579.682	9.114					
6	I42790	IA537STD-25	25-Jun-21	19:43:14		14892.317	32119.957	20.522					
7	I42791	IA537STD-50	25-Jun-21	19:59:48		13709.874	64149.864	43.892					
8	I42792	IA537STD-100	25-Jun-21	20:16:21		13095.640	120901.559	84.684					
9	I42793	IA537STD-250	25-Jun-21	20:32:55		9182.548	253975.699	237.932					

Compound name: PFHxS
Coefficient of Determination: 0.000000
Calibration curve: 0.960465 * x
Response type: Internal Std (Ref 18), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



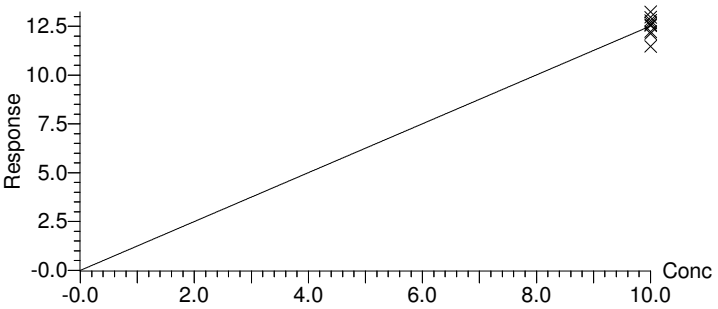
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M3PFHxS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	8.194	12049.551	15614.954	10.357	103.6	1.296	2493		1.01
2	I42786	IA537STD-1	25-Jun-21	18:36:58	8.190	12436.962	15923.893	10.233	102.3	1.280	4048		1.16
3	I42787	IA537STD-2	25-Jun-21	18:53:32	8.190	11973.752	15851.401	10.581	105.8	1.324	1240		1.04
4	I42788	IA537STD-5	25-Jun-21	19:10:06	8.194	12188.990	15344.866	10.062	100.6	1.259	4313		1.12
5	I42789	IA537STD-10	25-Jun-21	19:26:39	8.192	11257.388	14276.569	10.136	101.4	1.268	3665		1.17
6	I42790	IA537STD-25	25-Jun-21	19:43:14	8.186	12191.913	14892.317	9.763	97.6	1.221	871		1.07
7	I42791	IA537STD-50	25-Jun-21	19:59:48	8.182	11312.826	13709.874	9.686	96.9	1.212	5474		1.14
8	I42792	IA537STD-100	25-Jun-21	20:16:21	8.179	10453.800	13095.640	10.012	100.1	1.253	1917		1.10
9	I42793	IA537STD-250	25-Jun-21	20:32:55	8.182	8001.944	9182.548	9.171	91.7	1.148	892		1.16

Compound name: M3PFHxS
Response Factor: 1.25121
RRF SD: 0.0520216, % Relative SD: 4.15772
Response type: Internal Std (Ref 32), Area * (IS Conc. / IS Area)
Curve type: RF



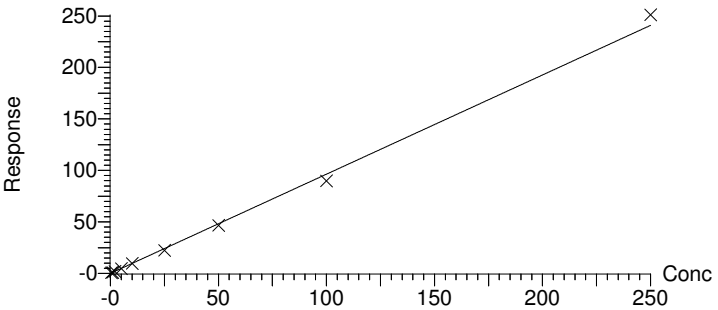
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: br-PFOA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	ng/mL	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24		117048.922							
2	I42786	IA537STD-1	25-Jun-21	18:36:58		120009.203							
3	I42787	IA537STD-2	25-Jun-21	18:53:32		118134.039							
4	I42788	IA537STD-5	25-Jun-21	19:10:06		114318.727							
5	I42789	IA537STD-10	25-Jun-21	19:26:39		105604.391							
6	I42790	IA537STD-25	25-Jun-21	19:43:14		109396.984							
7	I42791	IA537STD-50	25-Jun-21	19:59:48		103999.078							
8	I42792	IA537STD-100	25-Jun-21	20:16:21		101645.789						3	
9	I42793	IA537STD-250	25-Jun-21	20:32:55		79135.219							

Compound name: L-PFOA
Coefficient of Determination: R^2 = 0.997360
Calibration curve: 0.963664 * x
Response type: Internal Std (Ref 22), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



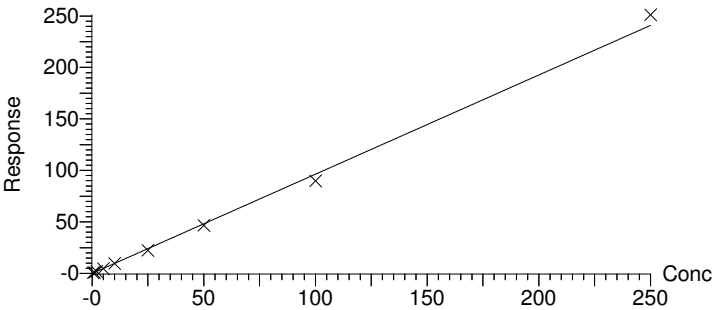
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: L-PFOA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	8.971	117048.922	5750.773	0.510	102.0	0.983	635	91	1.17
2	I42786	IA537STD-1	25-Jun-21	18:36:58	8.968	120009.203	12153.361	1.051	105.1	1.013	1235	179	1.16
3	I42787	IA537STD-2	25-Jun-21	18:53:32	8.968	118134.039	22186.348	1.949	97.4	0.939	2586	550	1.03
4	I42788	IA537STD-5	25-Jun-21	19:10:06	8.979	114318.727	53669.793	4.872	97.4	0.939	4288	761	1.11
5	I42789	IA537STD-10	25-Jun-21	19:26:39	8.975	105604.391	100361.336	9.862	98.6	0.950	6767	1988	1.14
6	I42790	IA537STD-25	25-Jun-21	19:43:14	8.960	109396.984	244078.813	23.153	92.6	0.892	16217	2806	1.08
7	I42791	IA537STD-50	25-Jun-21	19:59:48	8.956	103999.078	484990.219	48.392	96.8	0.933	20491	8010	1.13
8	I42792	IA537STD-100	25-Jun-21	20:16:21	8.956	101645.789	912100.938	93.117	93.1	0.897	41548	6481	1.08
9	I42793	IA537STD-250	25-Jun-21	20:32:55	8.960	79135.219	1987289.750	260.595	104.2	1.005	63804	8741	1.13

Compound name: L-PFOA
Coefficient of Determination: R^2 = 0.997360
Calibration curve: 0.963664 * x
Response type: Internal Std (Ref 22), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



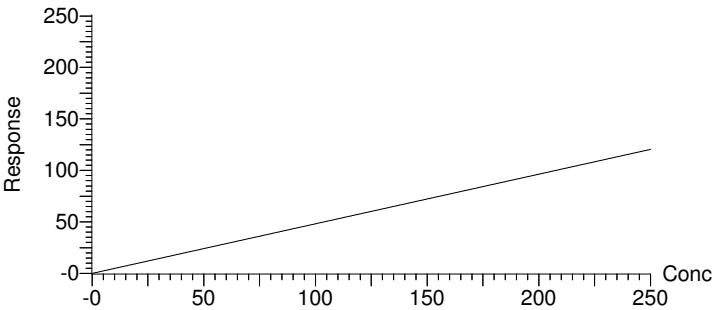
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFOA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	ng/mL	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24		117048.922	5750.773	0.510					
2	I42786	IA537STD-1	25-Jun-21	18:36:58		120009.203	12153.361	1.051					
3	I42787	IA537STD-2	25-Jun-21	18:53:32		118134.039	22186.348	1.949					
4	I42788	IA537STD-5	25-Jun-21	19:10:06		114318.727	53669.793	4.872					
5	I42789	IA537STD-10	25-Jun-21	19:26:39		105604.391	100361.336	9.862					
6	I42790	IA537STD-25	25-Jun-21	19:43:14		109396.984	244078.813	23.153					
7	I42791	IA537STD-50	25-Jun-21	19:59:48		103999.078	484990.219	48.392					
8	I42792	IA537STD-100	25-Jun-21	20:16:21		101645.789	912100.938	93.117					
9	I42793	IA537STD-250	25-Jun-21	20:32:55		79135.219	1987289.750	260.595					

Compound name: PFOA
Coefficient of Determination: 0.000000
Calibration curve: 0.481832 * x
Response type: Internal Std (Ref 22), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



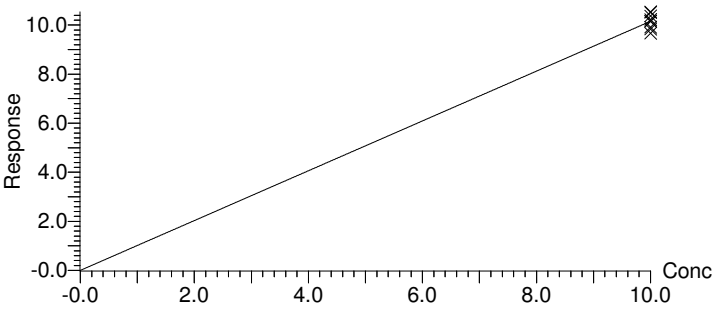
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M8PFOA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	8.972	111073.586	117048.922	10.380	103.8	1.054	6206		1.07
2	I42786	IA537STD-1	25-Jun-21	18:36:58	8.968	118228.344	120009.203	9.998	100.0	1.015	6715		1.07
3	I42787	IA537STD-2	25-Jun-21	18:53:32	8.965	112389.805	118134.039	10.353	103.5	1.051	9040		1.09
4	I42788	IA537STD-5	25-Jun-21	19:10:06	8.980	110228.664	114318.727	10.215	102.2	1.037	12253		1.04
5	I42789	IA537STD-10	25-Jun-21	19:26:39	8.976	103278.344	105604.391	10.072	100.7	1.023	10906		1.06
6	I42790	IA537STD-25	25-Jun-21	19:43:14	8.961	110312.555	109396.984	9.768	97.7	0.992	8224		1.04
7	I42791	IA537STD-50	25-Jun-21	19:59:48	8.957	105813.898	103999.078	9.681	96.8	0.983	4323		1.05
8	I42792	IA537STD-100	25-Jun-21	20:16:21	8.953	100008.320	101645.789	10.011	100.1	1.016	18727		1.13
9	I42793	IA537STD-250	25-Jun-21	20:32:55	8.961	81871.438	79135.219	9.521	95.2	0.967	14971		1.06

Compound name: M8PFOA
Response Factor: 1.01523
RRF SD: 0.0301597, % Relative SD: 2.97072
Response type: Internal Std (Ref 23), Area * (IS Conc. / IS Area)
Curve type: RF



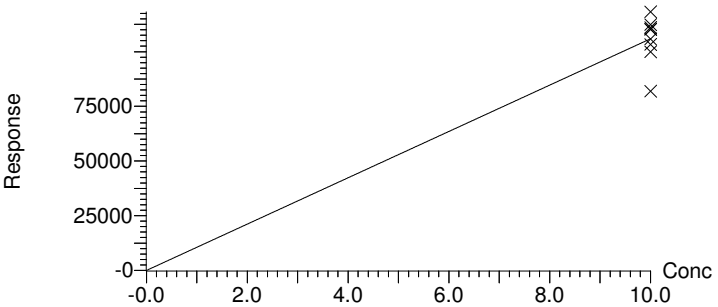
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M2PFOA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	ng/mL	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	8.972		111073.586	10.487	104.9	11107.359	9263		1.13
2	I42786	IA537STD-1	25-Jun-21	18:36:58	8.968		118228.344	11.163	111.6	11822.834	8857		1.14
3	I42787	IA537STD-2	25-Jun-21	18:53:32	8.968		112389.805	10.612	106.1	11238.981	5225		1.04
4	I42788	IA537STD-5	25-Jun-21	19:10:06	8.979		110228.664	10.408	104.1	11022.866	8549		1.09
5	I42789	IA537STD-10	25-Jun-21	19:26:39	8.976		103278.344	9.751	97.5	10327.834	11787		1.12
6	I42790	IA537STD-25	25-Jun-21	19:43:14	8.960		110312.555	10.416	104.2	11031.255	6623		1.07
7	I42791	IA537STD-50	25-Jun-21	19:59:48	8.956		105813.898	9.991	99.9	10581.390	7362		1.09
8	I42792	IA537STD-100	25-Jun-21	20:16:21	8.956		100008.320	9.443	94.4	10000.832	7090		1.07
9	I42793	IA537STD-250	25-Jun-21	20:32:55	8.960		81871.438	7.730	77.3	8187.144	6763		1.11

Compound name: M2PFOA
Response Factor: 10591.2
RRF SD: 1047.64, % Relative SD: 9.89166
Response type: External Std, Area
Curve type: RF



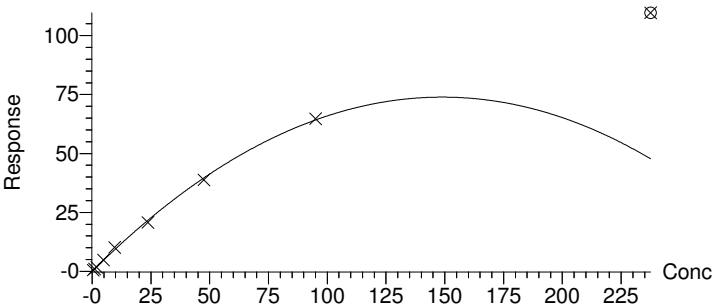
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: 6:2FTS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	8.935	5065.368	244.469	0.487	102.5	1.016	5673	54	1.00
2	I42786	IA537STD-1	25-Jun-21	18:36:58	8.931	4910.231	507.770	1.045	110.0	1.089	10777	25	1.06
3	I42787	IA537STD-2	25-Jun-21	18:53:32	8.927	5237.483	905.793	1.752	92.2	0.910	413	5248	1.11
4	I42788	IA537STD-5	25-Jun-21	19:10:06	8.938	4950.828	2405.176	4.977	104.8	1.023	305	12619	1.05
5	I42789	IA537STD-10	25-Jun-21	19:26:39	8.934	4655.965	4742.821	10.641	112.0	1.072	715	640	1.11
6	I42790	IA537STD-25	25-Jun-21	19:43:14	8.919	5135.331	10666.064	22.642	95.3	0.875	1010	387	1.13
7	I42791	IA537STD-50	25-Jun-21	19:59:48	8.915	5712.093	22157.408	46.256	97.4	0.817	4715	1103	1.16
8	I42792	IA537STD-100	25-Jun-21	20:16:21	8.915	6614.043	42839.574	96.526	101.6	0.682	3393	1789	1.10
9	I42793	IA537STD-250	25-Jun-21	20:32:55	8.919	8562.500	93903.438			0.462	9377	3875	1.11

Compound name: 6:2FTS
Coefficient of Determination: R^2 = 0.997963
Calibration curve: -0.00333368 * x^2 + 0.992804 * x
Response type: Internal Std (Ref 25), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



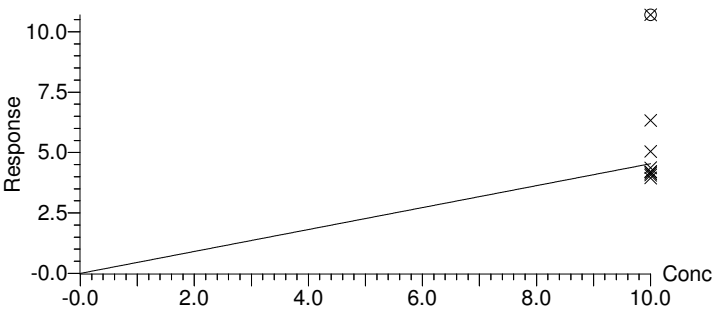
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M2-6:2FTS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	8.935	12049.551	5065.368	9.262	92.6	0.420	987		1.01
2	I42786	IA537STD-1	25-Jun-21	18:36:58	8.927	12436.962	4910.231	8.698	87.0	0.395	402		1.14
3	I42787	IA537STD-2	25-Jun-21	18:53:32	8.927	11973.752	5237.483	9.637	96.4	0.437	1437		1.07
4	I42788	IA537STD-5	25-Jun-21	19:10:06	8.939	12188.990	4950.828	8.949	89.5	0.406	788		1.07
5	I42789	IA537STD-10	25-Jun-21	19:26:39	8.935	11257.388	4655.965	9.112	91.1	0.414	4142		1.12
6	I42790	IA537STD-25	25-Jun-21	19:43:14	8.920	12191.913	5135.331	9.280	92.8	0.421	1796		1.14
7	I42791	IA537STD-50	25-Jun-21	19:59:48	8.916	11312.826	5712.093	11.124	111.2	0.505	826		1.10
8	I42792	IA537STD-100	25-Jun-21	20:16:21	8.916	10453.800	6614.043	13.939	139.4	0.633	1884		1.08
9	I42793	IA537STD-250	25-Jun-21	20:32:55	8.920	8001.944	8562.500	23.575	235.7	1.070	880		1.12

Compound name: M2-6:2FTS
Response Factor: 0.453898
RRF SD: 0.0796678, % Relative SD: 17.5519
Response type: Internal Std (Ref 32), Area * (IS Conc. / IS Area)
Curve type: RF



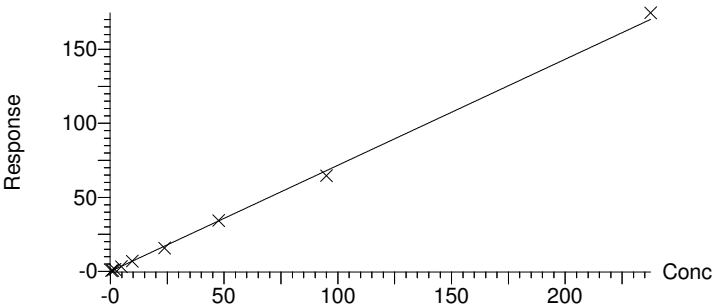
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFHpS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	9.069	13683.243	459.649	0.469	98.7	0.707	9336	186	1.12
2	I42786	IA537STD-1	25-Jun-21	18:36:58	9.069	14170.416	999.035	0.984	103.6	0.742	477	240	1.01
3	I42787	IA537STD-2	25-Jun-21	18:53:32	9.065	13979.718	1797.206	1.794	94.4	0.677	36673	197	0.97
4	I42788	IA537STD-5	25-Jun-21	19:10:06	9.077	13761.020	4491.080	4.555	95.9	0.687	994	338	1.08
5	I42789	IA537STD-10	25-Jun-21	19:26:39	9.073	12706.000	8693.948	9.551	100.5	0.720	1600	885	1.10
6	I42790	IA537STD-25	25-Jun-21	19:43:14	9.058	13242.184	20906.936	22.037	92.8	0.665	3025	7762	1.06
7	I42791	IA537STD-50	25-Jun-21	19:59:48	9.054	12124.383	41676.914	47.980	101.0	0.724	9934	3482	1.09
8	I42792	IA537STD-100	25-Jun-21	20:16:21	9.054	11908.705	76993.695	90.243	95.0	0.681	9453	19228	1.06
9	I42793	IA537STD-250	25-Jun-21	20:32:55	9.058	8703.244	151962.359	243.712	102.6	0.735	15852	10682	1.09

Compound name: PFHpS
Coefficient of Determination: R^2 = 0.998648
Calibration curve: 0.716437 * x
Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



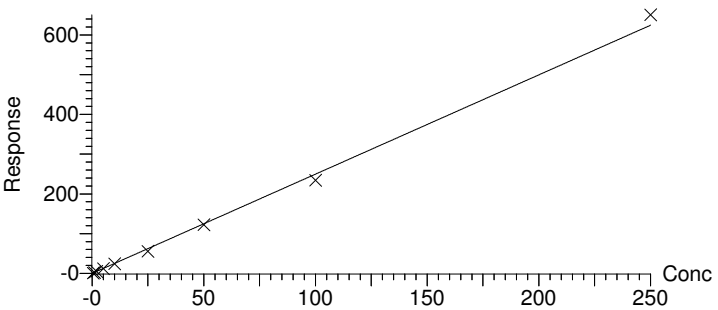
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFNA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	9.735	34202.035	4109.642	0.481	96.2	2.403	556	55	1.02
2	I42786	IA537STD-1	25-Jun-21	18:36:58	9.728	35439.203	8675.071	0.980	98.0	2.448	1451	376	1.02
3	I42787	IA537STD-2	25-Jun-21	18:53:32	9.724	34813.086	16261.913	1.870	93.5	2.336	2694	2132	1.00
4	I42788	IA537STD-5	25-Jun-21	19:10:06	9.739	32891.797	40270.457	4.901	98.0	2.449	4076	2432	1.11
5	I42789	IA537STD-10	25-Jun-21	19:26:39	9.733	30742.088	75479.609	9.829	98.3	2.455	4897	2041	1.05
6	I42790	IA537STD-25	25-Jun-21	19:43:14	9.722	31982.266	178886.375	22.392	89.6	2.237	12831	2721	0.99
7	I42791	IA537STD-50	25-Jun-21	19:59:48	9.718	29163.150	355761.281	48.837	97.7	2.440	26325	6958	1.00
8	I42792	IA537STD-100	25-Jun-21	20:16:21	9.720	28294.178	662653.563	93.759	93.8	2.342	10767	8795	1.00
9	I42793	IA537STD-250	25-Jun-21	20:32:55	9.720	21506.293	1399159.250	260.450	104.2	2.602	80246	20754	1.02

Compound name: PFNA
Coefficient of Determination: R^2 = 0.997319
Calibration curve: 2.49791 * x
Response type: Internal Std (Ref 28), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



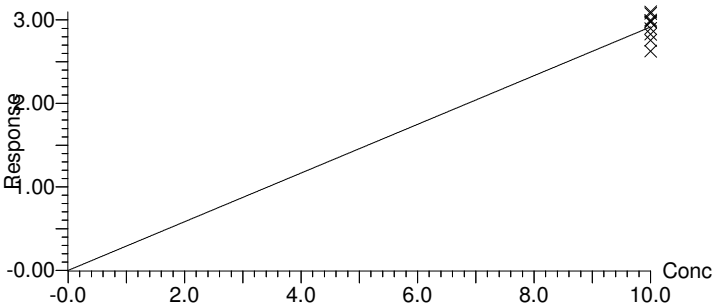
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M9PFNA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	9.733	111073.586	34202.035	10.559	105.6	0.308	236		1.14
2	I42786	IA537STD-1	25-Jun-21	18:36:58	9.726	118228.344	35439.203	10.279	102.8	0.300	1635		1.13
3	I42787	IA537STD-2	25-Jun-21	18:53:32	9.722	112389.805	34813.086	10.622	106.2	0.310	2634		1.05
4	I42788	IA537STD-5	25-Jun-21	19:10:06	9.739	110228.664	32891.797	10.232	102.3	0.298	2680		1.07
5	I42789	IA537STD-10	25-Jun-21	19:26:39	9.731	103278.344	30742.088	10.207	102.1	0.298	1590		1.14
6	I42790	IA537STD-25	25-Jun-21	19:43:14	9.720	110312.555	31982.266	9.942	99.4	0.290	3752		1.03
7	I42791	IA537STD-50	25-Jun-21	19:59:48	9.716	105813.898	29163.150	9.451	94.5	0.276	4085		1.07
8	I42792	IA537STD-100	25-Jun-21	20:16:21	9.718	100008.320	28294.178	9.701	97.0	0.283	1871		1.09
9	I42793	IA537STD-250	25-Jun-21	20:32:55	9.718	81871.438	21506.293	9.008	90.1	0.263	3534		1.05

Compound name: M9PFNA
Response Factor: 0.291624
RRF SD: 0.0154735, % Relative SD: 5.30595
Response type: Internal Std (Ref 23), Area * (IS Conc. / IS Area)
Curve type: RF



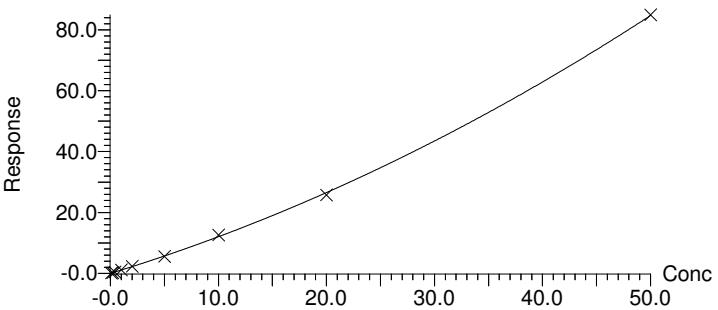
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: br-PFOS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	9.591	13683.243	131.361	0.089	88.6	0.960	10	9	0.64
2	I42786	IA537STD-1	25-Jun-21	18:36:58	9.601	14170.416	293.721	0.191	95.5	1.036	20	7	0.34
3	I42787	IA537STD-2	25-Jun-21	18:53:32	9.594	13979.718	623.385	0.410	102.5	1.115	23	19	0.37
4	I42788	IA537STD-5	25-Jun-21	19:10:06	9.608	13761.020	1596.691	1.059	105.9	1.160	17	36	0.43
5	I42789	IA537STD-10	25-Jun-21	19:26:39	9.604	12706.000	2968.046	2.108	105.4	1.168	199	46	0.39
6	I42790	IA537STD-25	25-Jun-21	19:43:14	9.591	13242.184	7354.622	4.863	97.3	1.111	220	105	0.39
7	I42791	IA537STD-50	25-Jun-21	19:59:48	9.587	12124.383	15331.979	10.448	104.5	1.265	852	166	0.40
8	I42792	IA537STD-100	25-Jun-21	20:16:21	9.587	11908.705	30614.676	19.467	97.3	1.285	1034	547	0.40
9	I42793	IA537STD-250	25-Jun-21	20:32:55	9.587	8703.244	73906.328	50.097	100.2	1.698	2766	321	0.40

Compound name: br-PFOS
Coefficient of Determination: R^2 = 0.999542
Calibration curve: 0.0122269 * x^2 + 1.08254 * x
Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



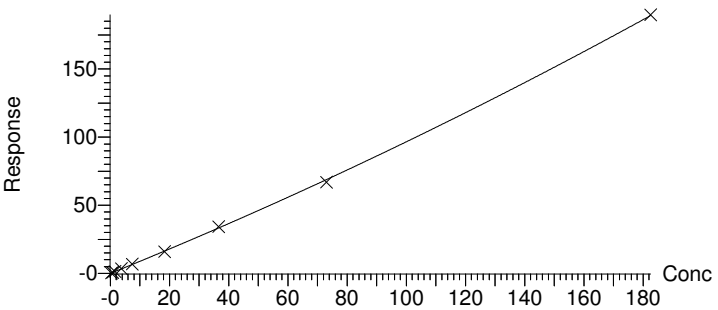
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: L-PFOS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	9.789	13683.243	434.108	0.360	98.7	0.869	77	89	1.17
2	I42786	IA537STD-1	25-Jun-21	18:36:58	9.783	14170.416	949.522	0.761	104.2	0.918	112	81	1.25
3	I42787	IA537STD-2	25-Jun-21	18:53:32	9.779	13979.718	1883.059	1.528	104.6	0.923	160	242	1.24
4	I42788	IA537STD-5	25-Jun-21	19:10:06	9.796	13761.020	4706.579	3.871	106.0	0.937	121	348	1.21
5	I42789	IA537STD-10	25-Jun-21	19:26:39	9.789	12706.000	8663.233	7.687	105.3	0.934	1341	528	1.09
6	I42790	IA537STD-25	25-Jun-21	19:43:14	9.776	13242.184	21186.035	17.863	97.9	0.877	1482	1020	1.18
7	I42791	IA537STD-50	25-Jun-21	19:59:48	9.772	12124.383	41579.559	37.580	103.0	0.940	5307	1503	1.20
8	I42792	IA537STD-100	25-Jun-21	20:16:21	9.776	11908.705	79784.016	71.168	97.5	0.918	6213	5019	1.15
9	I42793	IA537STD-250	25-Jun-21	20:32:55	9.774	8703.244	165170.141	182.960	100.3	1.040	13649	2568	1.24

Compound name: L-PFOS
Coefficient of Determination: R^2 = 0.999626
Calibration curve: 0.000857789 * x^2 + 0.880336 * x
Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



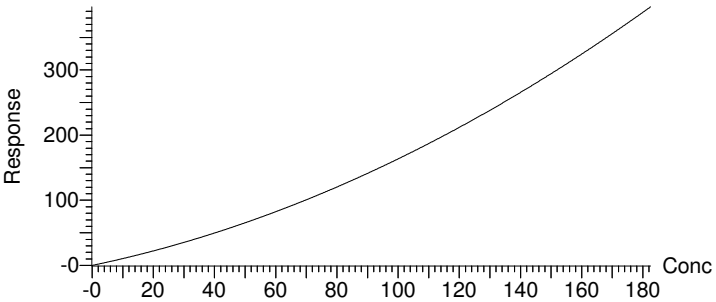
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFOS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	ng/mL	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24		13683.243	565.469	0.449					
2	I42786	IA537STD-1	25-Jun-21	18:36:58		14170.416	1243.243	0.952					
3	I42787	IA537STD-2	25-Jun-21	18:53:32		13979.718	2506.444	1.938					
4	I42788	IA537STD-5	25-Jun-21	19:10:06		13761.020	6303.270	4.930					
5	I42789	IA537STD-10	25-Jun-21	19:26:39		12706.000	11631.279	9.795					
6	I42790	IA537STD-25	25-Jun-21	19:43:14		13242.184	28540.657	22.726					
7	I42791	IA537STD-50	25-Jun-21	19:59:48		12124.383	56911.538	48.028					
8	I42792	IA537STD-100	25-Jun-21	20:16:21		11908.705	110398.692	90.635					
9	I42793	IA537STD-250	25-Jun-21	20:32:55		8703.244	239076.469	233.057					

Compound name: PFOS
Coefficient of Determination: 0.000000
Calibration curve: 0.981436 * x
Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



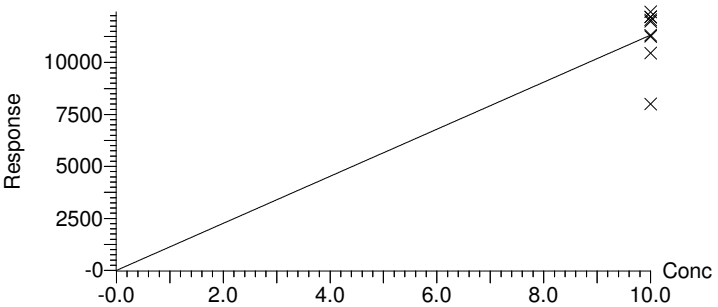
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M4PFOS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	9.790		12049.551	10.646	106.5	1204.955	2124		1.19
2	I42786	IA537STD-1	25-Jun-21	18:36:58	9.783		12436.962	10.988	109.9	1243.696	2402		1.17
3	I42787	IA537STD-2	25-Jun-21	18:53:32	9.779		11973.752	10.579	105.8	1197.375	3748		1.15
4	I42788	IA537STD-5	25-Jun-21	19:10:06	9.796		12188.990	10.769	107.7	1218.899	2119		1.10
5	I42789	IA537STD-10	25-Jun-21	19:26:39	9.787		11257.388	9.946	99.5	1125.739	564		1.13
6	I42790	IA537STD-25	25-Jun-21	19:43:14	9.777		12191.913	10.772	107.7	1219.191	2195		1.16
7	I42791	IA537STD-50	25-Jun-21	19:59:48	9.772		11312.826	9.995	99.9	1131.283	2954		1.15
8	I42792	IA537STD-100	25-Jun-21	20:16:21	9.774		10453.800	9.236	92.4	1045.380	1600		1.24
9	I42793	IA537STD-250	25-Jun-21	20:32:55	9.777		8001.944	7.070	70.7	800.194	4941		1.07

Compound name: M4PFOS
Response Factor: 1131.86
RRF SD: 139.133, % Relative SD: 12.2924
Response type: External Std, Area
Curve type: RF



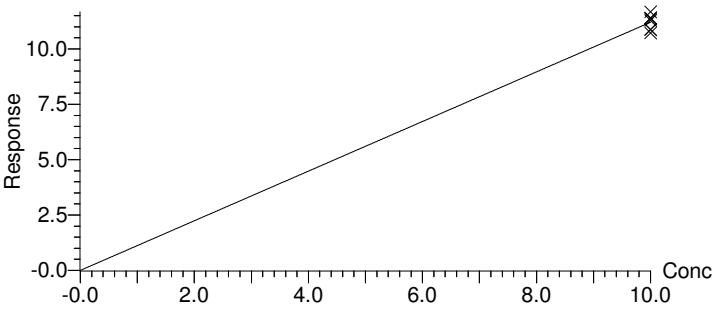
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M8PFOS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	9.790	12049.551	13683.243	10.134	101.3	1.136	1509		1.15
2	I42786	IA537STD-1	25-Jun-21	18:36:58	9.783	12436.962	14170.416	10.168	101.7	1.139	1036		1.14
3	I42787	IA537STD-2	25-Jun-21	18:53:32	9.779	11973.752	13979.718	10.419	104.2	1.168	2779		1.14
4	I42788	IA537STD-5	25-Jun-21	19:10:06	9.794	12188.990	13761.020	10.075	100.8	1.129	3735		1.16
5	I42789	IA537STD-10	25-Jun-21	19:26:39	9.788	11257.388	12706.000	10.073	100.7	1.129	3023		1.12
6	I42790	IA537STD-25	25-Jun-21	19:43:14	9.777	12191.913	13242.184	9.693	96.9	1.086	551		1.12
7	I42791	IA537STD-50	25-Jun-21	19:59:48	9.773	11312.826	12124.383	9.564	95.6	1.072	2798		1.13
8	I42792	IA537STD-100	25-Jun-21	20:16:21	9.773	10453.800	11908.705	10.166	101.7	1.139	1096		1.30
9	I42793	IA537STD-250	25-Jun-21	20:32:55	9.773	8001.944	8703.244	9.706	97.1	1.088	1722		1.24

Compound name: M8PFOS
Response Factor: 1.12054
RRF SD: 0.031466, % Relative SD: 2.80811
Response type: Internal Std (Ref 32), Area * (IS Conc. / IS Area)
Curve type: RF



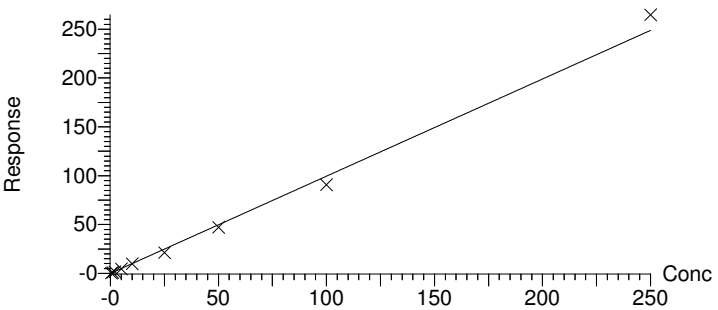
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.3...	79924.469	3605.147	0.453	90.7	0.902	447	15398	1.16
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.3...	79652.055	7789.491	0.983	98.3	0.978	1387	734	1.04
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.3...	80191.836	14172.461	1.776	88.8	0.884	4245	1897	1.10
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.3...	77473.820	35901.637	4.657	93.1	0.927	3304	470	1.13
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.3...	68504.797	66732.914	9.789	97.9	0.974	1738	1060	1.13
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.3...	71215.531	151683.688	21.404	85.6	0.852	4254	4926	1.09
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.3...	63326.383	297775.000	47.254	94.5	0.940	7184	6682	1.04
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.3...	62172.027	564153.250	91.188	91.2	0.907	34822	10617	1.02
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.3...	43854.309	1160781.000	265.995	106.4	1.059	25739	10884	1.04

Compound name: PFDA
Coefficient of Determination: R^2 = 0.994093
Calibration curve: 0.995094 * x
Response type: Internal Std (Ref 36), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



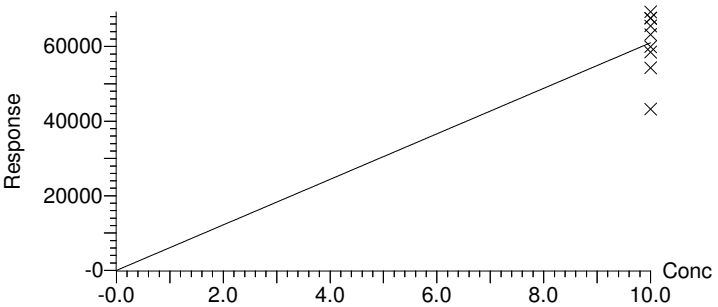
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M2PFDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.3...		67547.492	11.073	110.7	6754.749	14807		1.04
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.3...		69293.984	11.359	113.6	6929.398	6426		1.06
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.3...		67588.117	11.080	110.8	6758.812	5396		1.10
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.3...		65536.602	10.743	107.4	6553.660	1273		1.11
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.3...		59909.973	9.821	98.2	5990.997	8138		1.09
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.3...		63236.020	10.366	103.7	6323.602	4814		1.06
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.3...		58447.609	9.581	95.8	5844.761	2951		1.02
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.3...		54255.980	8.894	88.9	5425.598	3772		1.12
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.3...		43199.742	7.082	70.8	4319.974	5980		1.03

Compound name: M2PFDA
Response Factor: 6100.17
RRF SD: 829.667, % Relative SD: 13.6007
Response type: External Std, Area
Curve type: RF



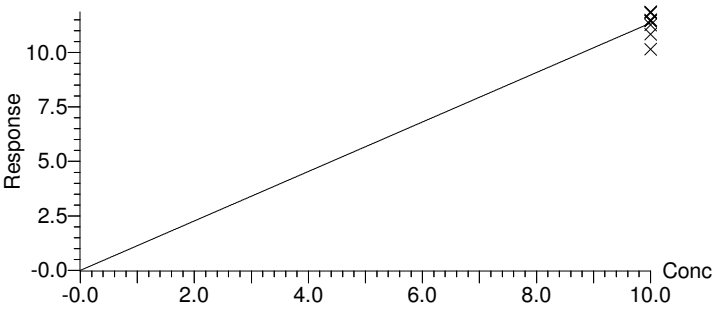
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M6PFDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.3...	67547.492	79924.469	10.424	104.2	1.183	6662		1.11
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.3...	69293.984	79652.055	10.127	101.3	1.149	2521		1.15
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.3...	67588.117	80191.836	10.453	104.5	1.186	6634		1.08
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.3...	65536.602	77473.820	10.415	104.1	1.182	10888		1.09
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.3...	59909.973	68504.797	10.074	100.7	1.143	6816		1.08
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.3...	63236.020	71215.531	9.922	99.2	1.126	5819		1.04
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.3...	58447.609	63326.383	9.546	95.5	1.083	5644		1.01
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.3...	54255.980	62172.027	10.096	101.0	1.146	2658		1.09
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.3...	43199.742	43854.309	8.944	89.4	1.015	2380		1.02

Compound name: M6PFDA
Response Factor: 1.13506
RRF SD: 0.0555603, % Relative SD: 4.89494
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



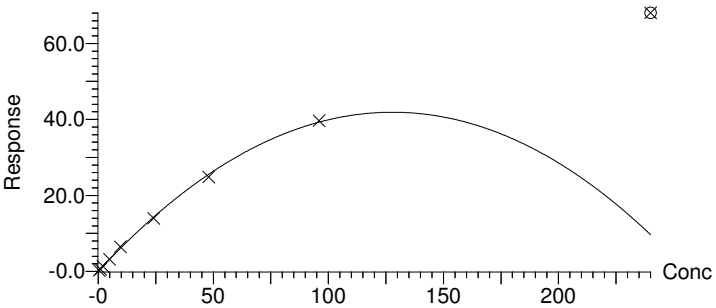
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: 8:2FTS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.3...	3925.273	106.662	0.415	86.5	0.566	15	7	1.88
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.3...	3878.385	231.603	0.914	95.3	0.622	64	4	1.03
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.3...	3835.543	534.472	2.144	111.7	0.726	64	2216	1.14
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.3...	3708.720	1176.766	4.937	102.8	0.661	204	5459	1.04
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.3...	3541.969	2311.956	10.381	108.1	0.680	58917	11458	1.04
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.3...	3753.307	5238.640	23.447	97.7	0.582	516	308	1.16
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.3...	3972.547	9868.733	46.282	96.4	0.518	643	449	1.16
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.3...	4532.261	17980.270	98.388	102.5	0.413	1243	450	1.14
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.3...	5270.703	35876.813			0.284	2782	954	1.21

Compound name: 8:2FTS
Coefficient of Determination: R^2 = 0.998596
Calibration curve: -0.0025629 * x^2 + 0.655376 * x
Response type: Internal Std (Ref 38), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



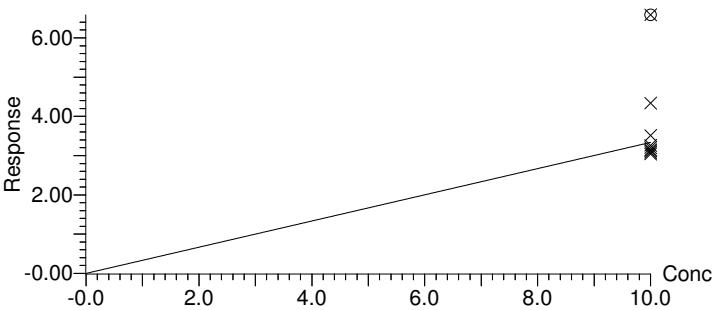
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M2-8:2FTS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.3...	12049.551	3925.273	9.763	97.6	0.326	89977		1.16
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.3...	12436.962	3878.385	9.346	93.5	0.312	1879		1.12
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.3...	11973.752	3835.543	9.600	96.0	0.320	325		1.12
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.3...	12188.990	3708.720	9.119	91.2	0.304	683		1.06
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.3...	11257.388	3541.969	9.429	94.3	0.315	421		1.05
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.3...	12191.913	3753.307	9.226	92.3	0.308	252		1.21
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.3...	11312.826	3972.547	10.524	105.2	0.351	683		1.19
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.3...	10453.800	4532.261	12.993	129.9	0.434	715		1.11
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.3...	8001.944	5270.703	19.740	197.4	0.659	193		1.01

Compound name: M2-8:2FTS
Response Factor: 0.333674
RRF SD: 0.0429157, % Relative SD: 12.8616
Response type: Internal Std (Ref 32), Area * (IS Conc. / IS Area)
Curve type: RF



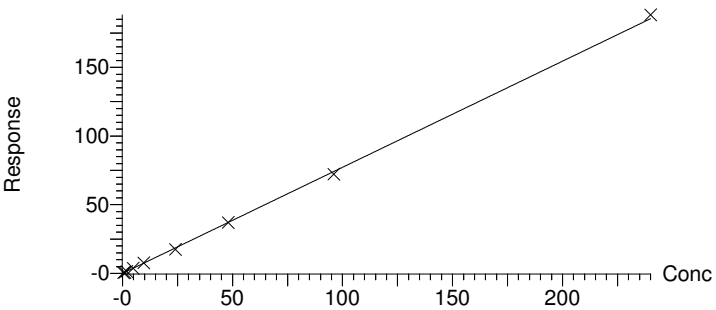
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFNS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.3...	13683.243	495.683	0.469	97.7	0.755	312	7460	1.37
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.3...	14170.416	1098.075	1.003	104.5	0.807	341	89	1.30
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.3...	13979.718	2045.322	1.894	98.6	0.762	455	158	1.19
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.3...	13761.020	5012.028	4.715	98.2	0.759	939	228	1.24
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.3...	12706.000	9750.897	9.934	103.5	0.799	3189	1083	1.21
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.3...	13242.184	23136.014	22.616	94.2	0.728	760	794	1.29
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.3...	12124.383	44891.246	47.928	99.9	0.771	1511	524	1.13
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.3...	11908.705	86062.797	93.550	97.4	0.753	8249	1585	1.26
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.3...	8703.244	163817.094	243.651	101.5	0.784	12140	11422	1.25

Compound name: PFNS
Coefficient of Determination: R^2 = 0.999474
Calibration curve: 0.772519 * x
Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



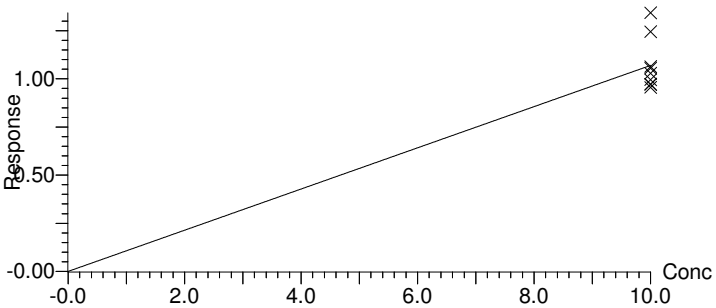
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: d3-NMeFOSAA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.7...	67547.492	6454.503	8.932	89.3	0.096	199		1.01
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.7...	69293.984	6727.265	9.075	90.7	0.097	818		1.04
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.7...	67588.117	6724.238	9.300	93.0	0.099	546		1.12
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.7...	65536.602	6968.504	9.939	99.4	0.106	740		1.09
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.7...	59909.973	6158.821	9.609	96.1	0.103	1270		1.00
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.7...	63236.020	6145.428	9.084	90.8	0.097	2438		1.15
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.7...	58447.609	6170.204	9.868	98.7	0.106	476		1.04
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.7...	54255.980	6755.718	11.639	116.4	0.125	354		1.07
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.7...	43199.742	5801.602	12.553	125.5	0.134	728		1.07

Compound name: d3-NMeFOSAA
Response Factor: 0.10698
RRF SD: 0.0134824, % Relative SD: 12.6027
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



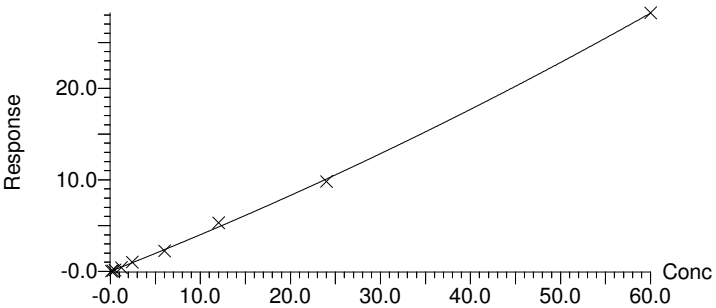
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: br-NMeFOSAA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.6...	6454.503	11.866	0.047	39.6	0.153	7	226	0.97
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.611	6727.265	44.039	0.169	70.4	0.273	5	1	1.04
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.611	6724.238	83.361	0.320	66.6	0.258	7	0	0.91
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.6...	6968.504	303.683	1.121	93.4	0.363	5285	34	0.47
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.6...	6158.821	618.896	2.572	107.2	0.419	17	24	0.45
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.6...	6145.428	1376.480	5.671	94.5	0.373	131	40	0.38
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.6...	6170.204	3275.380	13.100	109.2	0.442	269	169	0.38
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.6...	6755.718	6622.953	23.375	97.4	0.408	253	584	0.38
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.6...	5801.602	16379.358	60.058	100.1	0.471	616	241	0.40

Compound name: br-NMeFOSAA
Coefficient of Determination: R^2 = 0.997817
Calibration curve: 0.00138146 * x^2 + 0.387116 * x
Response type: Internal Std (Ref 40), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



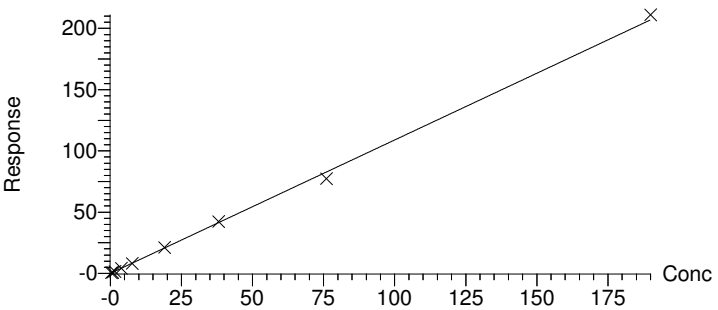
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: L-NMeFOSAA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.7...	6454.503	270.845	0.385	101.4	1.104	122	1384	1.15
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.7...	6727.265	605.985	0.827	108.8	1.185	66	3	0.98
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.7...	6724.238	1084.172	1.480	97.4	1.061	98	3	0.99
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.7...	6968.504	2874.452	3.786	99.6	1.086	56747	320	1.10
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.7...	6158.821	5040.815	7.513	98.9	1.077	161	187	0.99
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.7...	6145.428	13007.754	19.429	102.3	1.114	1537	257	1.01
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.7...	6170.204	26162.020	38.921	102.4	1.116	2597	1056	1.02
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.7...	6755.718	52213.566	70.945	93.3	1.017	2405	3653	1.09
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.7...	5801.602	122470.563	193.773	102.0	1.111	5597	1401	1.10

Compound name: L-NMeFOSAA
Coefficient of Determination: R^2 = 0.998596
Calibration curve: 1.08941 * x
Response type: Internal Std (Ref 40), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



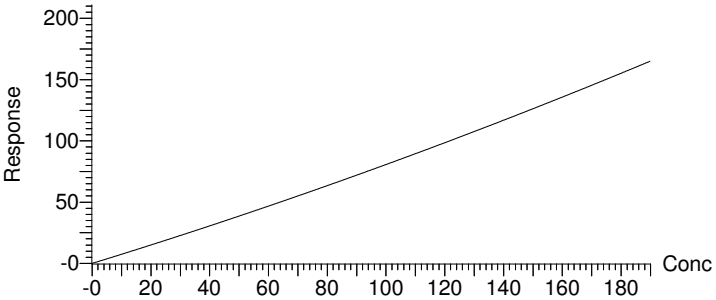
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: NMeFOSAA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24		6454.503	282.711	0.433					
2	I42786	IA537STD-1	25-Jun-21	18:36:58		6727.265	650.024	0.996					
3	I42787	IA537STD-2	25-Jun-21	18:53:32		6724.238	1167.533	1.800					
4	I42788	IA537STD-5	25-Jun-21	19:10:06		6968.504	3178.135	4.908					
5	I42789	IA537STD-10	25-Jun-21	19:26:39		6158.821	5659.711	10.085					
6	I42790	IA537STD-25	25-Jun-21	19:43:14		6145.428	14384.234	25.101					
7	I42791	IA537STD-50	25-Jun-21	19:59:48		6170.204	29437.400	52.021					
8	I42792	IA537STD-100	25-Jun-21	20:16:21		6755.718	58836.519	94.320					
9	I42793	IA537STD-250	25-Jun-21	20:32:55		5801.602	138849.921	253.832					

Compound name: NMeFOSAA
Coefficient of Determination: 0.000000
Calibration curve: 0.738261 * x
Response type: Internal Std (Ref 40), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



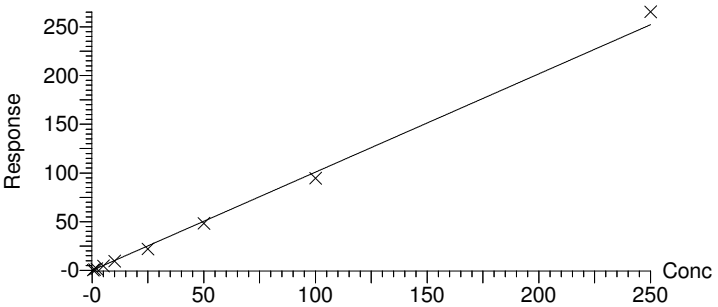
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFUnA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.8...	76090.648	3572.829	0.465	93.1	0.939	335	5585	1.10
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.8...	76785.906	6877.369	0.888	88.8	0.896	356	169	1.03
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.8...	80222.391	14313.150	1.769	88.4	0.892	1058	122	1.01
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.8...	73341.734	33939.934	4.588	91.8	0.926	2881	123	1.08
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.8...	65660.664	62085.160	9.374	93.7	0.946	1758	836	1.06
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.8...	66916.617	147100.984	21.793	87.2	0.879	7172	1596	1.08
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.8...	56071.520	270912.031	47.898	95.8	0.966	11863	2595	1.09
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.8...	53846.410	508632.875	93.644	93.6	0.945	6072	2023	1.07
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.8...	38025.676	1009106.625	263.082	105.2	1.062	18615	2460	1.13

Compound name: PFUnA
Coefficient of Determination: R^2 = 0.996012
Calibration curve: 1.00872 * x
Response type: Internal Std (Ref 45), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



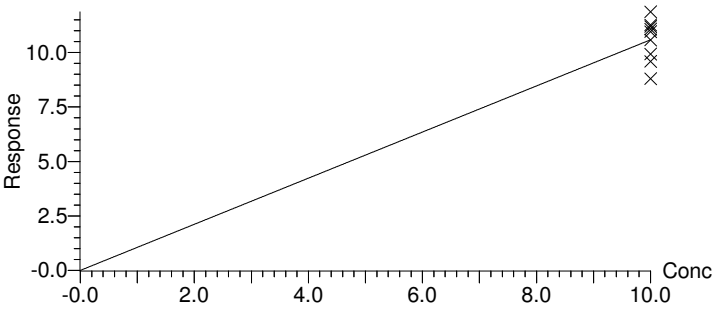
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M7-PFUDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.8...	67547.492	76090.648	10.642	106.4	1.126	2913		0.94
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.8...	69293.984	76785.906	10.468	104.7	1.108	4539		0.87
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.8...	67588.117	80222.391	11.213	112.1	1.187	7284		0.93
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.8...	65536.602	73341.734	10.572	105.7	1.119	6812		0.99
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.8...	59909.973	65660.664	10.354	103.5	1.096	5035		0.98
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.8...	63236.020	66916.617	9.997	100.0	1.058	5126		0.99
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.8...	58447.609	56071.520	9.063	90.6	0.959	961		0.99
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.8...	54255.980	53846.410	9.376	93.8	0.992	709		1.10
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.8...	43199.742	38025.676	8.316	83.2	0.880	1855		1.02

Compound name: M7-PFUDA
Response Factor: 1.05854
RRF SD: 0.0965846, % Relative SD: 9.12434
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



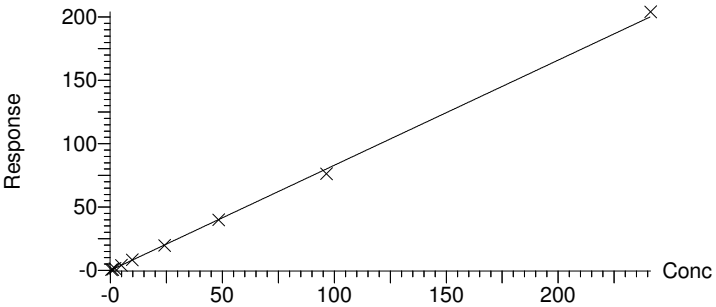
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFDS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.9...	13683.243	547.455	0.482	99.9	0.829	225	68	0.95
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.9...	14170.416	1151.406	0.979	101.4	0.842	260	48	1.10
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.9...	13979.718	2273.890	1.959	101.5	0.843	138	155	1.12
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.8...	13761.020	5720.959	5.008	103.8	0.862	557	408	1.08
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.9...	12706.000	10644.902	10.092	104.6	0.868	460	204	1.06
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.8...	13242.184	25997.361	23.650	98.0	0.814	378	1075	0.99
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.8...	12124.383	48261.738	47.952	99.4	0.825	975	1049	1.02
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.8...	11908.705	90876.945	91.928	95.3	0.791	4617	2136	0.99
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.8...	8703.244	177675.359	245.927	101.9	0.846	5215	1763	0.92

Compound name: PFDS
Coefficient of Determination: R^2 = 0.999151
Calibration curve: 0.830118 * x
Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



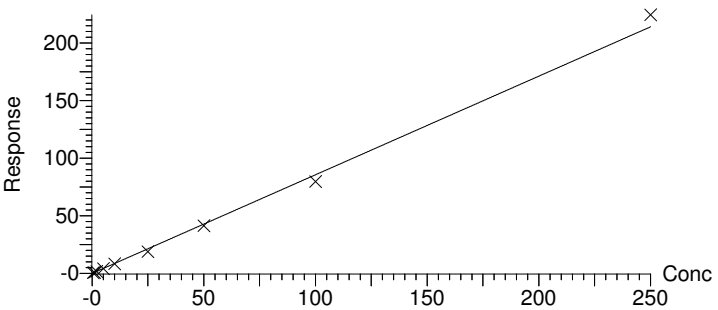
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: FOSA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.9...	40254.242	1780.814	0.517	103.3	0.885	695	1	1.43
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.9...	40751.004	3536.255	1.014	101.4	0.868	864	1	1.15
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.9...	41571.730	6795.874	1.909	95.5	0.817	1307	3	1.07
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.9...	40418.820	16896.797	4.883	97.7	0.836	2992	17	1.06
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.9...	37063.098	30501.354	9.613	96.1	0.823	4241	5	1.03
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.9...	39253.316	74130.430	22.059	88.2	0.755	5483	67	1.04
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.9...	35939.641	148919.859	48.399	96.8	0.829	2821	6	1.06
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.9...	34869.402	277525.875	92.965	93.0	0.796	2888	140	1.15
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.9...	26690.367	599006.688	262.142	104.9	0.898	19239	566	1.18

Compound name: FOSA
Coefficient of Determination: R^2 = 0.996461
Calibration curve: 0.856131 * x
Response type: Internal Std (Ref 48), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



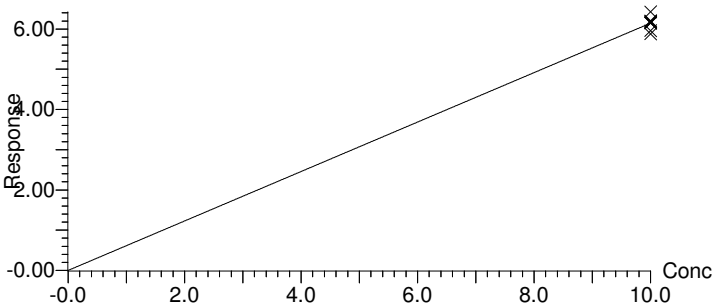
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M8FOSA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.9...	67547.492	40254.242	9.698	97.0	0.596	5098		1.11
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.9...	69293.984	40751.004	9.570	95.7	0.588	4106		1.07
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.9...	67588.117	41571.730	10.009	100.1	0.615	4113		1.04
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.9...	65536.602	40418.820	10.036	100.4	0.617	3649		1.09
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.9...	59909.973	37063.098	10.067	100.7	0.619	5643		1.09
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.9...	63236.020	39253.316	10.101	101.0	0.621	9155		1.09
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.9...	58447.609	35939.641	10.006	100.1	0.615	2923		1.11
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.9...	54255.980	34869.402	10.458	104.6	0.643	4617		1.09
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.9...	43199.742	26690.367	10.054	100.5	0.618	5245		1.22

Compound name: M8FOSA
Response Factor: 0.614517
RRF SD: 0.015448, % Relative SD: 2.51384
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



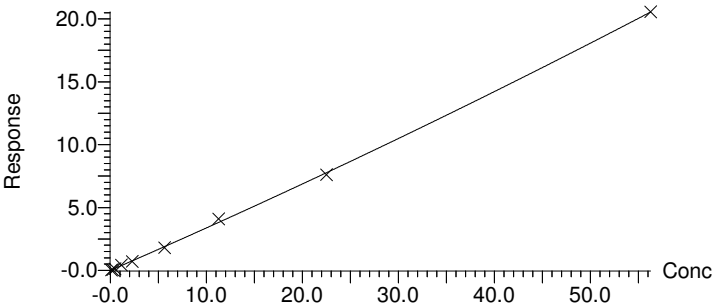
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: br-NEtFOSAA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.9...	5440.919	6.938	0.038	34.1	0.113	1	3	0.50
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.9...	5653.028	23.486	0.125	55.6	0.185	7	2	0.29
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.9...	5611.340	71.514	0.384	85.2	0.283	14	29	0.20
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.9...	5639.057	241.880	1.289	114.6	0.381	4	17	0.30
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.9...	5048.888	358.883	2.133	94.8	0.316	24	125	0.27
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.9...	5412.060	979.429	5.399	96.0	0.322	38	94	0.33
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.9...	5164.310	2118.469	12.095	107.5	0.365	117	58	0.32
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.9...	5407.669	4110.083	22.028	97.9	0.338	266	380	0.27
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.9...	4604.199	9468.212	56.294	100.1	0.366	536	194	0.28

Compound name: br-NEtFOSAA
Coefficient of Determination: R^2 = 0.997980
Calibration curve: 0.000591504 * x^2 + 0.332002 * x
Response type: Internal Std (Ref 52), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



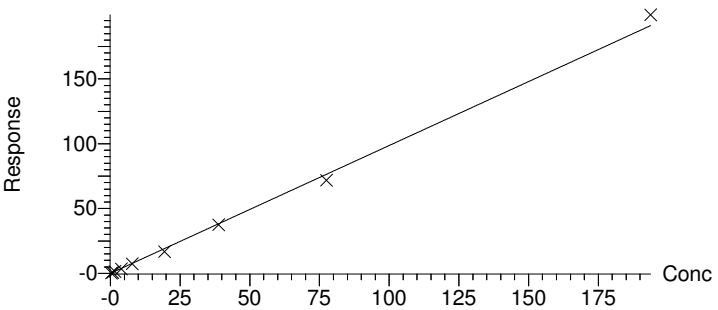
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: L-NEtFOSAA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.079	5440.919	193.366	0.360	93.0	0.917	38	17	0.76
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.071	5653.028	433.301	0.777	100.3	0.989	128	40	1.14
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.067	5611.340	810.152	1.463	94.4	0.931	214	236	1.10
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.056	5639.057	1969.687	3.541	91.4	0.901	39	130	1.13
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.071	5048.888	3691.560	7.411	95.6	0.943	297	935	1.01
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.064	5412.060	9140.418	17.119	88.4	0.872	571	816	1.03
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.056	5164.310	19402.119	38.082	98.3	0.970	1638	472	1.13
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.064	5407.669	38822.129	72.770	93.9	0.926	3703	3052	1.06
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.064	4604.199	91838.164	202.188	104.4	1.030	8528	1855	1.01

Compound name: L-NEtFOSAA
Coefficient of Determination: R^2 = 0.997028
Calibration curve: 0.986539 * x
Response type: Internal Std (Ref 52), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



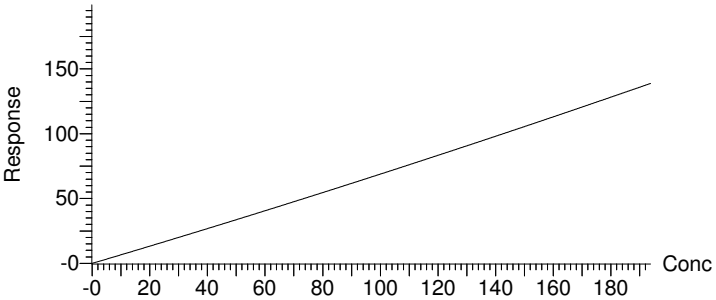
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: NEtFOSAA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24		5440.919	200.304	0.399					
2	I42786	IA537STD-1	25-Jun-21	18:36:58		5653.028	456.787	0.902					
3	I42787	IA537STD-2	25-Jun-21	18:53:32		5611.340	881.666	1.847					
4	I42788	IA537STD-5	25-Jun-21	19:10:06		5639.057	2211.567	4.830					
5	I42789	IA537STD-10	25-Jun-21	19:26:39		5048.888	4050.443	9.544					
6	I42790	IA537STD-25	25-Jun-21	19:43:14		5412.060	10119.847	22.518					
7	I42791	IA537STD-50	25-Jun-21	19:59:48		5164.310	21520.588	50.177					
8	I42792	IA537STD-100	25-Jun-21	20:16:21		5407.669	42932.212	94.799					
9	I42793	IA537STD-250	25-Jun-21	20:32:55		4604.199	101306.376	258.482					

Compound name: NEtFOSAA
Coefficient of Determination: 0.000000
Calibration curve: 0.65927 * x
Response type: Internal Std (Ref 52), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



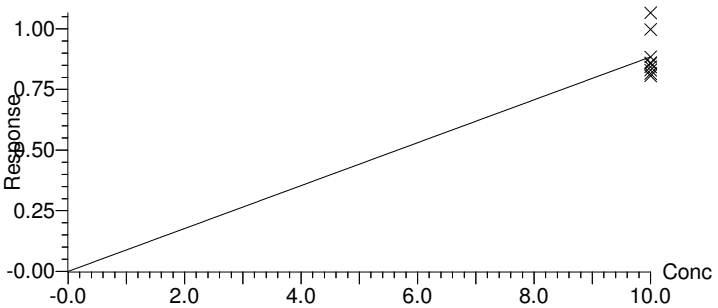
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: d5-NEtFOSAA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.068	67547.492	5440.919	9.111	91.1	0.081	720		1.13
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.064	69293.984	5653.028	9.228	92.3	0.082	938		1.18
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.056	67588.117	5611.340	9.391	93.9	0.083	132640		1.18
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.049	65536.602	5639.057	9.733	97.3	0.086	217		1.11
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.060	59909.973	5048.888	9.533	95.3	0.084	1083		1.13
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.053	63236.020	5412.060	9.681	96.8	0.086	1780		1.18
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.049	58447.609	5164.310	9.994	99.9	0.088	674		1.15
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.053	54255.980	5407.669	11.274	112.7	0.100	707		1.20
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.053	43199.742	4604.199	12.056	120.6	0.107	158		1.11

Compound name: d5-NEtFOSAA
Response Factor: 0.088407
RRF SD: 0.0088391, % Relative SD: 9.99818
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



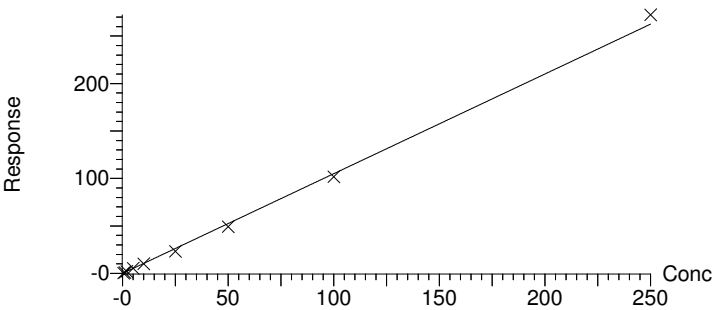
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFDoA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.359	68461.047	3418.369	0.475	95.1	0.999	294	51	1.24
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.355	69430.047	7180.473	0.985	98.5	1.034	198	15	1.12
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.351	71550.625	14042.826	1.869	93.4	0.981	436	196	1.11
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.342	67262.703	35141.313	4.975	99.5	1.045	2071	414	1.09
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.351	62499.590	63969.898	9.747	97.5	1.024	2821	942	1.18
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.342	63264.074	148058.734	22.287	89.1	0.936	2802	888	1.26
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.342	57527.207	283617.938	46.949	93.9	0.986	9087	1014	1.08
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.347	56276.703	572604.563	96.893	96.9	1.017	14539	2471	1.18
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.342	44303.680	1206442.125	259.319	103.7	1.089	16654	3025	1.26

Compound name: PFDoA
Coefficient of Determination: R^2 = 0.997786
Calibration curve: 1.0501 * x
Response type: Internal Std (Ref 54), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



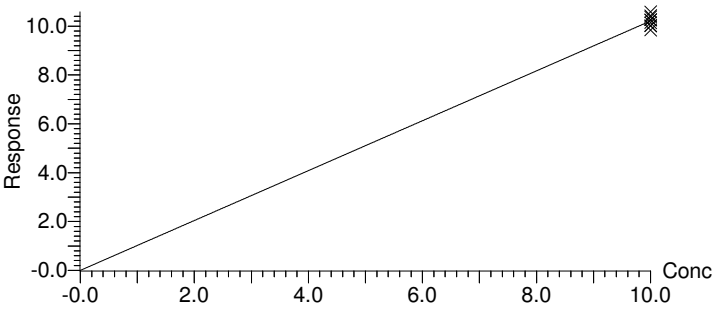
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: MPFDOA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.359	67547.492	68461.047	9.924	99.2	1.014	4367		1.10
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.355	69293.984	69430.047	9.811	98.1	1.002	5097		1.15
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.351	67588.117	71550.625	10.366	103.7	1.059	3080		1.07
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.343	65536.602	67262.703	10.050	100.5	1.026	4264		1.08
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.351	59909.973	62499.590	10.215	102.2	1.043	11848		1.18
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.347	63236.020	63264.074	9.796	98.0	1.000	4823		1.08
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.343	58447.609	57527.207	9.638	96.4	0.984	3828		1.07
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.347	54255.980	56276.703	10.157	101.6	1.037	1254		1.12
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.343	43199.742	44303.680	10.042	100.4	1.026	2155		1.18

Compound name: MPFDOA
Response Factor: 1.02124
RRF SD: 0.0234882, % Relative SD: 2.29997
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



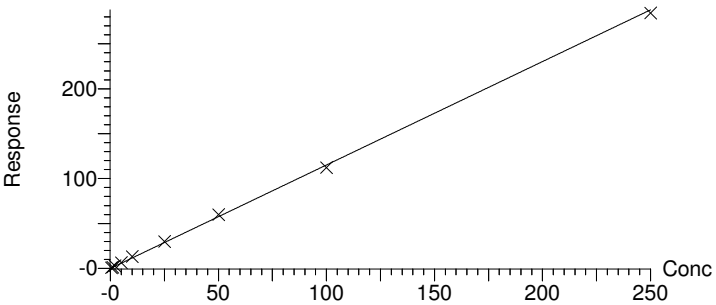
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFTrDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.762	44563.135	2755.652	0.537	107.4	1.237	199	19	1.23
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.762	45146.467	6329.835	1.218	121.8	1.402	562	107	1.16
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.757	46415.673	12725.419	2.381	119.0	1.371	1263	125	1.24
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.748	44077.904	28124.666	5.541	110.8	1.276	1079	287	1.24
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.766	40494.506	53646.340	11.504	115.0	1.325	2250	600	1.11
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.753	41707.902	124111.359	25.841	103.4	1.190	4576	1070	1.19
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.748	37965.024	227767.172	52.099	104.2	1.200	6885	1239	1.22
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.757	37883.815	424598.625	97.330	97.3	1.121	6995	1432	1.27
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.753	29512.287	839586.875	247.049	98.8	1.138	7327	2952	1.28

Compound name: PFTrDA
Coefficient of Determination: R^2 = 0.998498
Calibration curve: 1.15154 * x
Response type: Internal Std (Ref Multiple), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



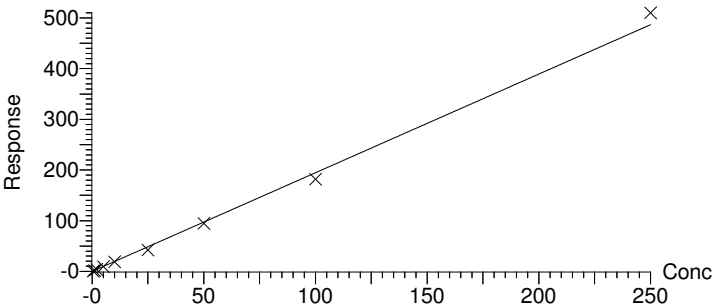
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFTA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	12.1...	20665.223	1845.434	0.459	91.7	1.786	159	70	1.18
2	I42786	IA537STD-1	25-Jun-21	18:36:58	12.117	20862.887	3935.938	0.969	96.9	1.887	377	229	1.13
3	I42787	IA537STD-2	25-Jun-21	18:53:32	12.113	21280.721	7788.385	1.880	94.0	1.830	768	67	1.21
4	I42788	IA537STD-5	25-Jun-21	19:10:06	12.1...	20893.105	19850.998	4.880	97.6	1.900	1951	189	1.33
5	I42789	IA537STD-10	25-Jun-21	19:26:39	12.119	18489.422	34582.781	9.607	96.1	1.870	1012	264	1.32
6	I42790	IA537STD-25	25-Jun-21	19:43:14	12.110	20151.729	85186.492	21.712	86.8	1.691	3412	620	1.19
7	I42791	IA537STD-50	25-Jun-21	19:59:48	12.1...	18402.840	174647.859	48.744	97.5	1.898	7843	788	1.35
8	I42792	IA537STD-100	25-Jun-21	20:16:21	12.116	19490.926	353807.813	93.234	93.2	1.815	5906	1440	1.22
9	I42793	IA537STD-250	25-Jun-21	20:32:55	12.110	14720.894	750971.313	262.016	104.8	2.041	11356	3471	1.25

Compound name: PFTA
Coefficient of Determination: R^2 = 0.996410
Calibration curve: 1.94698 * x
Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



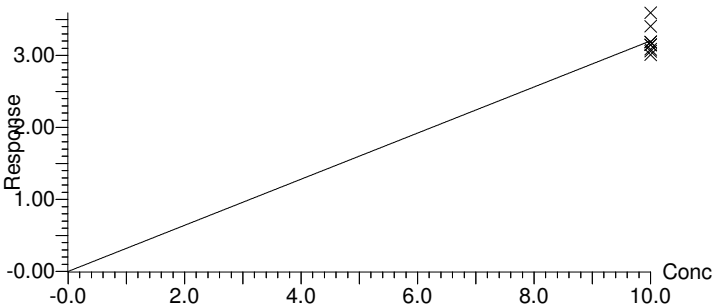
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M2PFTEDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	12.1...	67547.492	20665.223	9.551	95.5	0.306	1197		1.21
2	I42786	IA537STD-1	25-Jun-21	18:36:58	12.114	69293.984	20862.887	9.399	94.0	0.301	1326		1.30
3	I42787	IA537STD-2	25-Jun-21	18:53:32	12.114	67588.117	21280.721	9.830	98.3	0.315	678		1.30
4	I42788	IA537STD-5	25-Jun-21	19:10:06	12.1...	65536.602	20893.105	9.953	99.5	0.319	924		1.30
5	I42789	IA537STD-10	25-Jun-21	19:26:39	12.1...	59909.973	18489.422	9.635	96.3	0.309	846		1.34
6	I42790	IA537STD-25	25-Jun-21	19:43:14	12.110	63236.020	20151.729	9.949	99.5	0.319	733		1.17
7	I42791	IA537STD-50	25-Jun-21	19:59:48	12.1...	58447.609	18402.840	9.830	98.3	0.315	739		1.35
8	I42792	IA537STD-100	25-Jun-21	20:16:21	12.114	54255.980	19490.926	11.215	112.2	0.359	1663		1.34
9	I42793	IA537STD-250	25-Jun-21	20:32:55	12.111	43199.742	14720.894	10.638	106.4	0.341	875		1.25

Compound name: M2PFTEDA
Response Factor: 0.320315
RRF SD: 0.0184099, % Relative SD: 5.74744
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



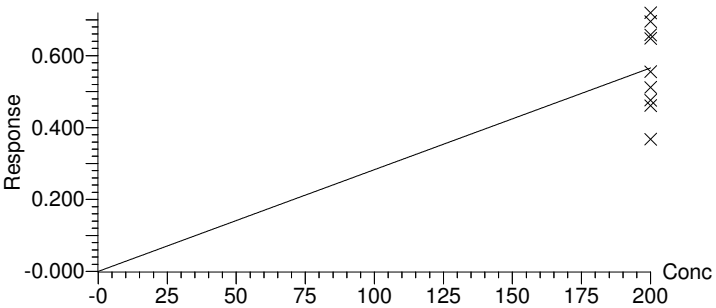
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M3HFPO-DA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	7.181	111073.586	7722.648	245.739	122.9	0.003	1737		0.78
2	I42786	IA537STD-1	25-Jun-21	18:36:58	7.177	118228.344	7775.602	232.451	116.2	0.003	22		0.86
3	I42787	IA537STD-2	25-Jun-21	18:53:32	7.169	112389.805	8082.584	254.180	127.1	0.004	62		0.94
4	I42788	IA537STD-5	25-Jun-21	19:10:06	7.173	110228.664	5644.199	180.978	90.5	0.003	599		0.94
5	I42789	IA537STD-10	25-Jun-21	19:26:39	7.177	103278.344	6695.212	229.126	114.6	0.003	498		0.99
6	I42790	IA537STD-25	25-Jun-21	19:43:14	7.169	110312.555	6123.891	196.210	98.1	0.003	1060		0.84
7	I42791	IA537STD-50	25-Jun-21	19:59:48	7.169	105813.898	4883.167	163.109	81.6	0.002	589		0.93
8	I42792	IA537STD-100	25-Jun-21	20:16:21	7.169	100008.320	4759.220	168.197	84.1	0.002	561		0.82
9	I42793	IA537STD-250	25-Jun-21	20:32:55	7.161	81871.438	3011.562	130.010	65.0	0.002	118		1.00

Compound name: M3HFPO-DA
Response Factor: 0.00282932
RRF SD: 0.000603846, % Relative SD: 21.3425
Response type: Internal Std (Ref 23), Area * (IS Conc. / IS Area)
Curve type: RF



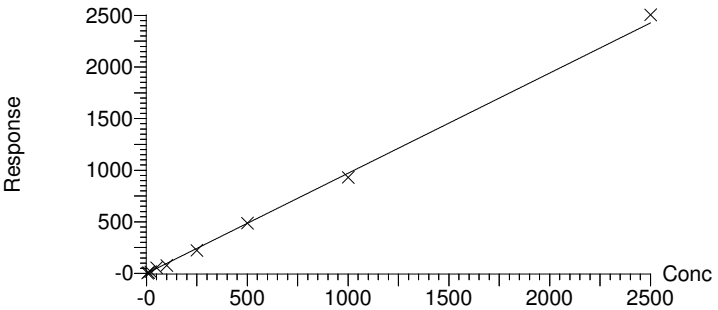
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: HFPO-DA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	7.185	7722.648	162.536	4.335	86.7	0.842	21	25	0.64
2	I42786	IA537STD-1	25-Jun-21	18:36:58	7.185	7775.602	320.958	8.502	85.0	0.826	16	987	0.92
3	I42787	IA537STD-2	25-Jun-21	18:53:32	7.165	8082.584	681.072	17.356	86.8	0.843	54	3133	1.15
4	I42788	IA537STD-5	25-Jun-21	19:10:06	7.181	5644.199	1547.938	56.489	113.0	1.097	354	7332	0.74
5	I42789	IA537STD-10	25-Jun-21	19:26:39	7.177	6695.212	2584.031	79.496	79.5	0.772	652	708	1.02
6	I42790	IA537STD-25	25-Jun-21	19:43:14	7.177	6123.891	6836.687	229.948	92.0	0.893	829	44491	0.74
7	I42791	IA537STD-50	25-Jun-21	19:59:48	7.165	4883.167	11872.483	500.785	100.2	0.973	71	118002	1.11
8	I42792	IA537STD-100	25-Jun-21	20:16:21	7.161	4759.220	22121.635	957.398	95.7	0.930	187	2494	1.12
9	I42793	IA537STD-250	25-Jun-21	20:32:55	7.161	3011.562	37732.625	2580.692	103.2	1.002	420	14929	1.01

Compound name: HFPO-DA
Coefficient of Determination: R^2 = 0.997247
Calibration curve: 0.971 * x
Response type: Internal Std (Ref 58), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



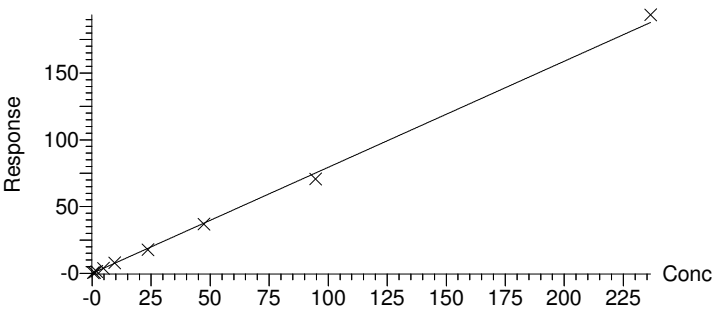
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: ADONA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	8.209	117048.922	4526.371	0.487	102.9	0.817	1292	5	1.02
2	I42786	IA537STD-1	25-Jun-21	18:36:58	8.207	120009.203	9538.166	1.001	105.8	0.840	1005	30	1.10
3	I42787	IA537STD-2	25-Jun-21	18:53:32	8.204	118134.039	18223.480	1.943	102.6	0.815	2539	58	1.09
4	I42788	IA537STD-5	25-Jun-21	19:10:06	8.211	114318.727	44903.980	4.946	104.5	0.830	4403	227	1.09
5	I42789	IA537STD-10	25-Jun-21	19:26:39	8.211	105604.391	82469.305	9.834	103.9	0.825	11332	415	1.03
6	I42790	IA537STD-25	25-Jun-21	19:43:14	8.202	109396.984	195044.625	22.451	94.9	0.754	7443	418	1.05
7	I42791	IA537STD-50	25-Jun-21	19:59:48	8.198	103999.078	383145.781	46.392	98.1	0.779	44109	347	1.08
8	I42792	IA537STD-100	25-Jun-21	20:16:21	8.196	101645.789	717194.563	88.850	93.9	0.746	60625	165	1.10
9	I42793	IA537STD-250	25-Jun-21	20:32:55	8.200	79135.219	1531728.125	243.737	103.0	0.818	33961	2656	1.04

Compound name: ADONA
Coefficient of Determination: R^2 = 0.998304
Calibration curve: 0.794129 * x
Response type: Internal Std (Ref 22), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



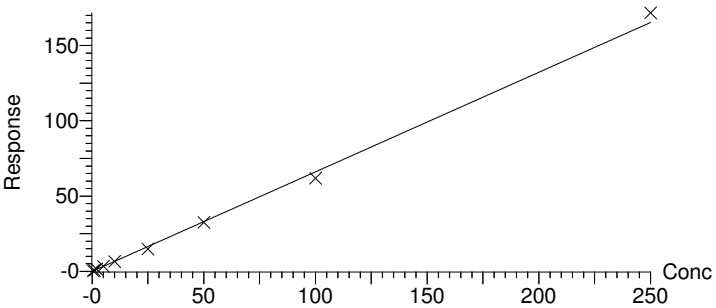
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFHxDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	12.6...	31309.992	1170.889	0.566	113.1	0.748	303	30	1.06
2	I42786	IA537STD-1	25-Jun-21	18:36:58	12.6...	32678.559	2331.510	1.079	107.9	0.713	680	145	1.16
3	I42787	IA537STD-2	25-Jun-21	18:53:32	12.6...	30878.711	4329.224	2.121	106.0	0.701	713	188	1.22
4	I42788	IA537STD-5	25-Jun-21	19:10:06	12.6...	29730.592	10032.860	5.104	102.1	0.675	1715	461	1.24
5	I42789	IA537STD-10	25-Jun-21	19:26:39	12.6...	27849.500	18391.619	9.988	99.9	0.660	4203	165	1.16
6	I42790	IA537STD-25	25-Jun-21	19:43:14	12.6...	29074.736	43163.391	22.454	89.8	0.594	3710	589	1.19
7	I42791	IA537STD-50	25-Jun-21	19:59:48	12.6...	27467.535	89210.539	49.124	98.2	0.650	17993	3046	1.18
8	I42792	IA537STD-100	25-Jun-21	20:16:21	12.6...	27439.051	169409.922	93.383	93.4	0.617	22678	7542	1.29
9	I42793	IA537STD-250	25-Jun-21	20:32:55	12.6...	20593.246	353563.438	259.681	103.9	0.687	14272	2335	1.27

Compound name: PFHxDA
Coefficient of Determination: R^2 = 0.997372
Calibration curve: 0.661154 * x
Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



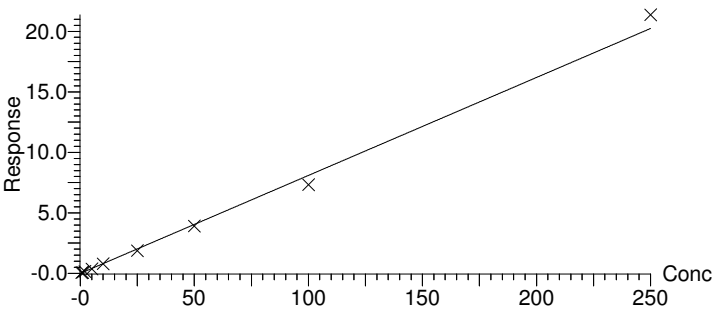
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFODA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	12.8...	31309.992	136.280	0.538	107.5	0.087	31	8	0.99
2	I42786	IA537STD-1	25-Jun-21	18:36:58	12.8...	32678.559	237.899	0.899	89.9	0.073	108	26	1.25
3	I42787	IA537STD-2	25-Jun-21	18:53:32	12.8...	30878.711	477.327	1.910	95.5	0.077	268	61	1.17
4	I42788	IA537STD-5	25-Jun-21	19:10:06	12.8...	29730.592	1124.569	4.673	93.5	0.076	463	106	1.11
5	I42789	IA537STD-10	25-Jun-21	19:26:39	12.8...	27849.500	2176.139	9.653	96.5	0.078	325	1986	1.08
6	I42790	IA537STD-25	25-Jun-21	19:43:14	12.8...	29074.736	5429.968	23.072	92.3	0.075	1594	418	1.22
7	I42791	IA537STD-50	25-Jun-21	19:59:48	12.8...	27467.535	10770.572	48.442	96.9	0.078	4671	163	1.10
8	I42792	IA537STD-100	25-Jun-21	20:16:21	12.8...	27439.051	20074.871	90.383	90.4	0.073	8549	902	1.19
9	I42793	IA537STD-250	25-Jun-21	20:32:55	12.8...	20593.246	43995.547	263.930	105.6	0.085	9275	2308	1.20

Compound name: PFODA
Coefficient of Determination: R^2 = 0.995426
Calibration curve: 0.0809461 * x
Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



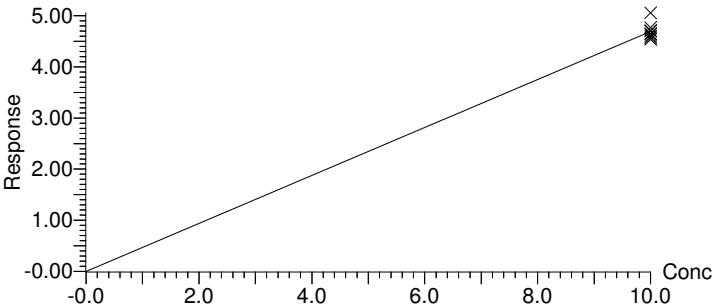
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M2PFHxDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	12.6...	67547.492	31309.992	9.879	98.8	0.464	1097		1.22
2	I42786	IA537STD-1	25-Jun-21	18:36:58	12.6...	69293.984	32678.559	10.051	100.5	0.472	4898		1.27
3	I42787	IA537STD-2	25-Jun-21	18:53:32	12.6...	67588.117	30878.711	9.737	97.4	0.457	10539		1.24
4	I42788	IA537STD-5	25-Jun-21	19:10:06	12.6...	65536.602	29730.592	9.669	96.7	0.454	3747		1.23
5	I42789	IA537STD-10	25-Jun-21	19:26:39	12.6...	59909.973	27849.500	9.908	99.1	0.465	9660		1.13
6	I42790	IA537STD-25	25-Jun-21	19:43:14	12.6...	63236.020	29074.736	9.800	98.0	0.460	7418		1.33
7	I42791	IA537STD-50	25-Jun-21	19:59:48	12.6...	58447.609	27467.535	10.016	100.2	0.470	3637		1.34
8	I42792	IA537STD-100	25-Jun-21	20:16:21	12.6...	54255.980	27439.051	10.779	107.8	0.506	2093		1.28
9	I42793	IA537STD-250	25-Jun-21	20:32:55	12.6...	43199.742	20593.246	10.160	101.6	0.477	4230		1.27

Compound name: M2PFHxDA
Response Factor: 0.469184
RRF SD: 0.015536, % Relative SD: 3.31129
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



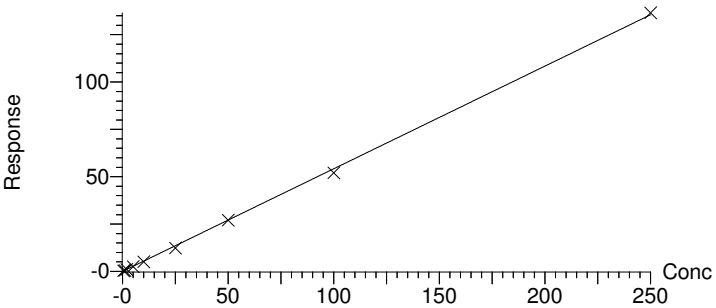
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFDoS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.758	13683.243	375.989	0.507	101.4	0.550	15	89	1.30
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.758	14170.416	697.559	0.908	90.8	0.492	92	51	1.28
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.753	13979.718	1448.578	1.911	95.6	0.518	291	48	1.07
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.744	13761.020	3535.880	4.739	94.8	0.514	163	184	1.20
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.762	12706.000	6439.758	9.347	93.5	0.507	526	250	1.14
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.749	13242.184	16264.090	22.652	90.6	0.491	1452	526	1.18
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.744	12124.383	32716.166	49.766	99.5	0.540	1345	925	1.18
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.753	11908.705	62039.379	96.081	96.1	0.521	4968	2047	1.20
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.749	8703.244	118862.656	251.882	100.8	0.546	8930	3279	1.23

Compound name: PFDoS
Coefficient of Determination: R^2 = 0.999541
Calibration curve: 0.54221 * x
Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: Null, Axis trans: None



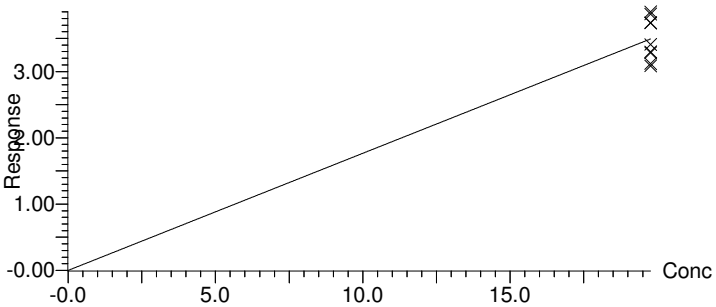
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M2D4-10:2FTS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.365	12049.551	4700.572	22.080	111.7	0.197	43		0.96
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.360	12436.962	4811.575	21.898	110.8	0.196	88067		1.02
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.356	11973.752	4470.213	21.131	106.9	0.189	594		1.00
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.344	12188.990	4553.490	21.145	107.0	0.189	200		1.13
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.356	11257.388	3838.715	19.301	97.6	0.173	554		1.03
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.352	12191.913	3802.153	17.651	89.3	0.158	137		1.04
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.344	11312.826	3728.490	18.655	94.4	0.167	69108		1.06
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.352	10453.800	3432.024	18.582	94.0	0.166	1034		1.02
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.348	8001.944	2467.232	17.452	88.3	0.156	195		1.03

Compound name: M2D4-10:2FTS
Response Factor: 0.176676
RRF SD: 0.0162199, % Relative SD: 9.18061
Response type: Internal Std (Ref 32), Area * (IS Conc. / IS Area)
Curve type: RF



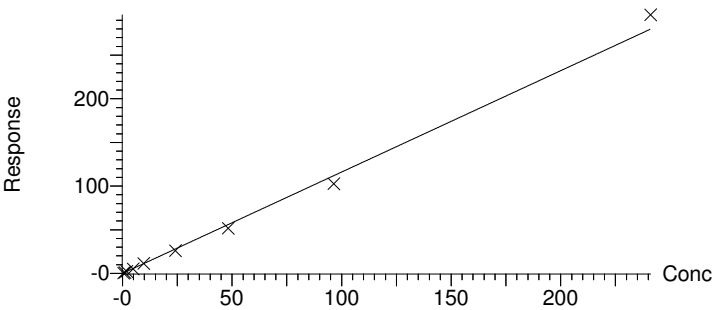
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: 10:2FTS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.368	4700.572	108.013	0.391	81.2	0.942	43	1133	0.88
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.364	4811.575	303.909	1.075	111.5	1.295	46	39	1.08
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.360	4470.213	467.112	1.779	92.3	1.071	124	4032	0.98
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.352	4553.490	1144.272	4.278	88.7	1.031	182	144	1.04
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.364	3838.715	2202.544	9.767	101.3	1.176	281	170	0.95
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.356	3802.153	5018.338	22.467	93.2	1.083	584	138	1.01
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.352	3728.490	9724.066	44.396	92.1	1.070	675	575	1.03
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.356	3432.024	17801.447	88.294	91.6	1.064	1518	283	1.05
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.356	2467.232	36972.184	255.088	105.8	1.229	5993	5970	1.00

Compound name: 10:2FTS
Coefficient of Determination: R^2 = 0.995088
Calibration curve: 1.16117 * x
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



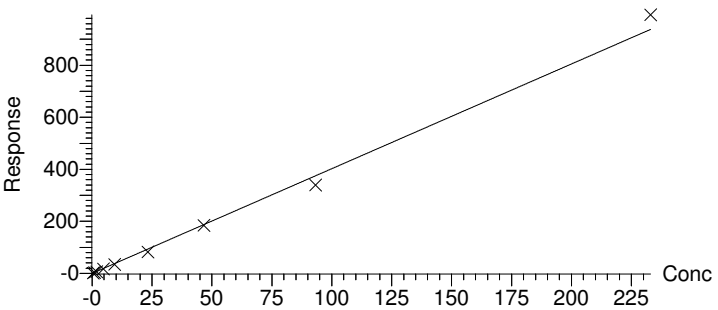
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: 9CL-PF3ONS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.1...	13683.243	2360.771	0.429	92.0	3.702	410	138	1.01
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.1...	14170.416	5046.062	0.885	94.9	3.821	593	203	1.02
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.1...	13979.718	9276.618	1.649	88.4	3.560	426	329	1.00
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.1...	13761.020	22868.756	4.129	88.6	3.566	2644	1276	1.04
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.1...	12706.000	44153.711	8.633	92.6	3.729	5679	2105	1.06
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.1...	13242.184	109916.461	20.621	88.5	3.562	7636	3017	0.99
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.1...	12124.383	223637.469	45.823	98.3	3.958	37365	4842	1.07
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.1...	11908.705	403948.031	84.268	90.4	3.640	69210	12623	1.00
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.1...	8703.244	864988.625	246.906	106.0	4.266	27034	35282	1.04

Compound name: 9CL-PF3ONS
Coefficient of Determination: R^2 = 0.994609
Calibration curve: 4.02529 * x
Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



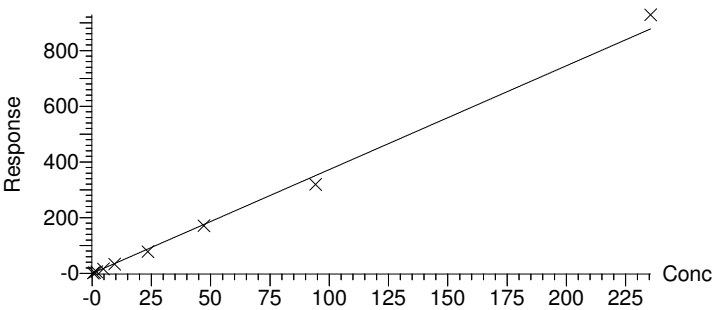
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: 11CL-PFOUdS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.166	13683.243	2293.062	0.450	95.5	3.558	192	29	1.18
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.166	14170.416	4555.021	0.862	91.6	3.412	734	333	1.08
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.159	13979.718	8783.455	1.686	89.5	3.335	1424	467	1.10
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.151	13761.020	22431.322	4.374	92.9	3.461	2394	1541	1.01
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.163	12706.000	41805.063	8.828	93.7	3.493	3854	1387	1.09
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.155	13242.184	103975.141	21.067	89.5	3.334	982	1912	1.06
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.151	12124.383	207329.703	45.881	97.4	3.631	12337	2442	1.03
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.155	11908.705	379782.969	85.567	90.8	3.385	35409	8139	1.10
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.155	8703.244	807891.313	249.062	105.8	3.942	12198	14343	1.05

Compound name: 11CL-PFOUdS
Coefficient of Determination: R^2 = 0.995140
Calibration curve: 3.72704 * x
Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



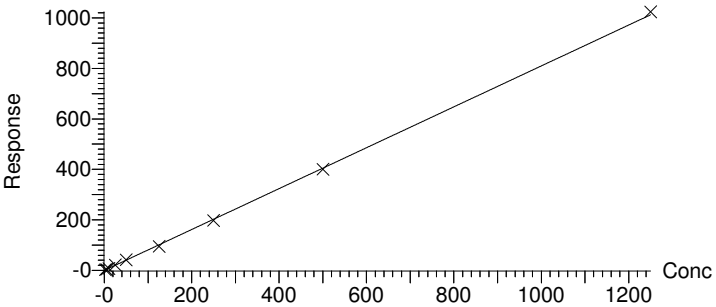
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: NMeFOSA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.579	83657.445	1694.156	2.501	100.0	0.810	602	130	1.06
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.575	84827.594	3744.141	5.451	109.0	0.883	203	423	1.10
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.571	88272.305	6808.878	9.526	95.3	0.771	784	459	1.04
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.562	81628.031	17646.762	26.697	106.8	0.865	2087	910	1.05
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.575	75450.023	31732.539	51.938	103.9	0.841	2618	721	1.03
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.566	78537.063	74670.383	117.412	93.9	0.761	5460	3001	1.02
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.562	75272.289	148760.438	244.057	97.6	0.791	6068	2103	1.01
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.571	69546.883	278953.844	495.330	99.1	0.802	3737	2991	1.00
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.566	53821.891	551148.125	1264.588	101.2	0.819	10565	2186	1.03

Compound name: NMeFOSA
Coefficient of Determination: R^2 = 0.999494
Calibration curve: 0.809767 * x
Response type: Internal Std (Ref 70), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



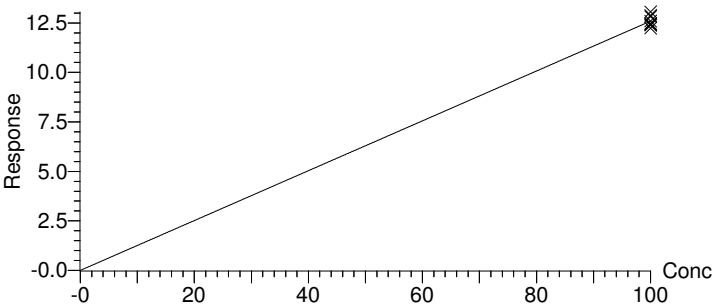
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: d3-NMeFOSA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.575	67547.492	83657.445	98.370	98.4	0.124	3667		0.99
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.571	69293.984	84827.594	97.232	97.2	0.122	7161		1.01
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.562	67588.117	88272.305	103.734	103.7	0.131	6862		1.05
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.558	65536.602	81628.031	98.929	98.9	0.125	5583		0.99
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.567	59909.973	75450.023	100.030	100.0	0.126	2060		1.04
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.558	63236.020	78537.063	98.646	98.6	0.124	4190		1.04
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.554	58447.609	75272.289	102.291	102.3	0.129	2402		1.03
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.558	54255.980	69546.883	101.812	101.8	0.128	6435		1.09
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.558	43199.742	53821.891	98.957	99.0	0.125	6656		1.05

Compound name: d3-NMeFOSA
Response Factor: 0.125902
RRF SD: 0.00270259, % Relative SD: 2.14659
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



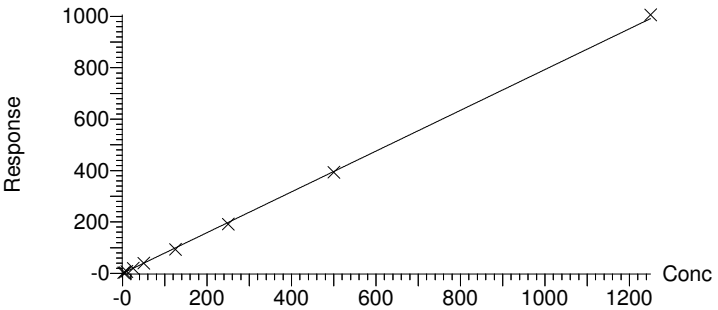
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: NEtFOSA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.884	92093.914	1943.885	2.661	106.5	0.844	564	32	0.97
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.880	96094.531	3999.420	5.248	105.0	0.832	298	14252	0.99
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.875	95391.789	7591.250	10.034	100.3	0.796	833	355	0.99
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.868	90216.102	17971.863	25.118	100.5	0.797	1491	256	1.00
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.880	84298.680	33987.125	50.835	101.7	0.806	4153	922	1.03
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.872	88626.391	82276.086	117.053	93.6	0.743	5976	1305	0.98
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.864	84060.742	161161.656	241.735	96.7	0.767	6504	4638	1.04
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.875	76341.086	300529.344	496.364	99.3	0.787	9549	3397	0.99
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.868	59915.379	602755.000	1268.452	101.5	0.805	7129	5377	1.07

Compound name: NEtFOSA
Coefficient of Determination: R^2 = 0.999472
Calibration curve: 0.793101 * x
Response type: Internal Std (Ref 72), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



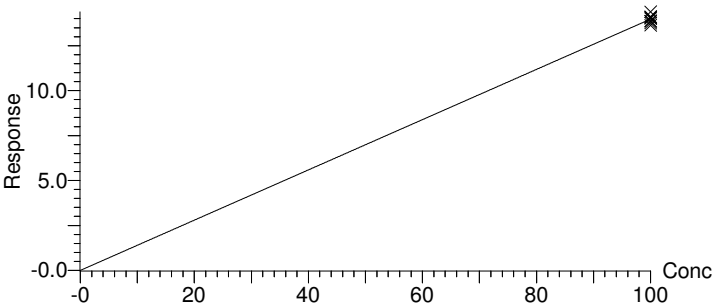
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: d5-NEtFOSA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.872	67547.492	92093.914	97.548	97.5	0.136	12939		0.98
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.868	69293.984	96094.531	99.221	99.2	0.139	1184		1.00
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.864	67588.117	95391.789	100.981	101.0	0.141	6587		1.00
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.856	65536.602	90216.102	98.492	98.5	0.138	4237		1.03
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.868	59909.973	84298.680	100.675	100.7	0.141	8321		1.05
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.860	63236.020	88626.391	100.276	100.3	0.140	3515		1.00
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.852	58447.609	84060.742	102.902	102.9	0.144	4808		1.04
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.860	54255.980	76341.086	100.672	100.7	0.141	3161		1.07
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.856	43199.742	59915.379	99.233	99.2	0.139	2064		1.06

Compound name: d5-NEtFOSA
Response Factor: 0.139766
RRF SD: 0.00220161, % Relative SD: 1.57521
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



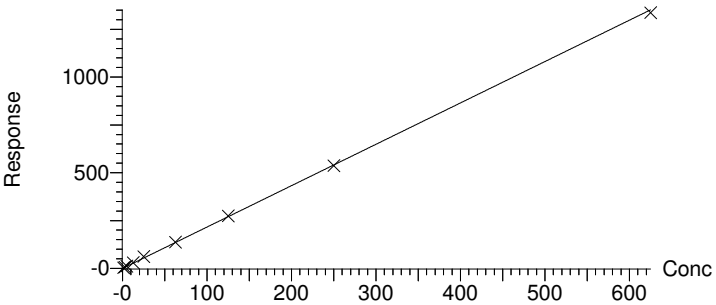
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: NMeFOSE

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.581	72046.953	2205.656	1.416	113.2	2.449	253		1.06
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.581	73573.344	4490.516	2.822	112.9	2.441	476		0.98
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.573	71431.508	8401.424	5.438	108.8	2.352	661		1.04
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.564	67250.023	20790.119	14.294	114.4	2.473	1840		1.05
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.577	64554.102	39737.066	28.462	113.8	2.462	3730		1.01
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.568	65944.867	90417.305	63.397	101.4	2.194	3148		1.01
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.564	62904.902	172533.859	126.820	101.5	2.194	8029		1.01
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.573	53660.957	288050.750	248.204	99.3	2.147	4943		1.00
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.568	38671.402	516783.844	617.897	98.9	2.138	9074		1.04

Compound name: NMeFOSE
Coefficient of Determination: R^2 = 0.999074
Calibration curve: 2.16273 * x
Response type: Internal Std (Ref 74), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



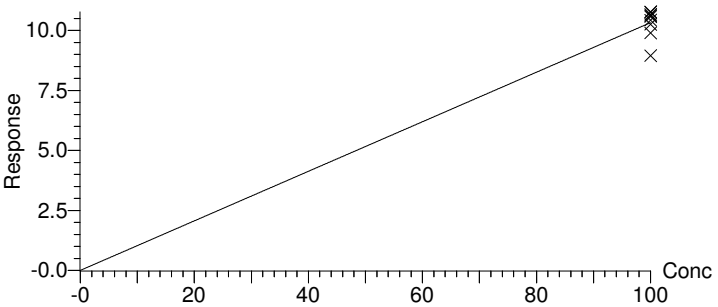
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: d7-NMeFOSE

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.564	67547.492	72046.953	103.307	103.3	0.107	2233		1.06
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.564	69293.984	73573.344	102.837	102.8	0.106	2980		1.00
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.556	67588.117	71431.508	102.363	102.4	0.106	4504		1.04
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.547	65536.602	67250.023	99.388	99.4	0.103	3049		1.08
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.560	59909.973	64554.102	104.363	104.4	0.108	5425		1.03
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.551	63236.020	65944.867	101.004	101.0	0.104	2313		1.03
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.543	58447.609	62904.902	104.242	104.2	0.108	1671		1.12
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.551	54255.980	53660.957	95.793	95.8	0.099	2314		1.07
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.542	43199.742	38671.402	86.703	86.7	0.090	4601		1.21

Compound name: d7-NMeFOSE
Response Factor: 0.103247
RRF SD: 0.00585761, % Relative SD: 5.67341
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



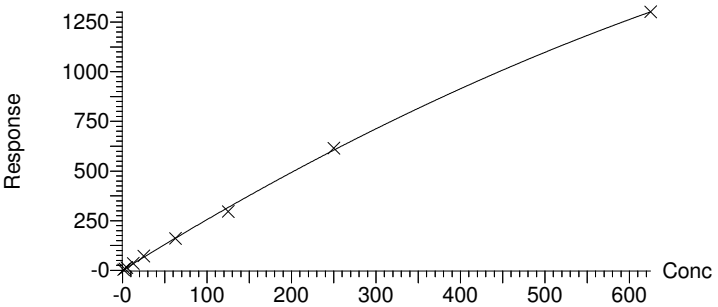
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: NEtFOSE

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.869	69590.422	2387.140	1.296	103.7	2.744	185		1.00
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.865	68116.930	5013.218	2.783	111.3	2.944	366		1.03
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.861	69282.852	9777.091	5.340	106.8	2.822	1330		1.04
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.853	64579.359	23164.092	13.613	108.9	2.870	1948		1.05
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.869	60769.219	44471.941	27.910	111.6	2.927	2891		1.00
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.857	65592.391	105280.734	61.941	99.1	2.568	5092		1.02
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.849	66566.281	197116.844	116.490	93.2	2.369	9122		1.06
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.857	56152.844	345471.719	254.512	101.8	2.461	5273		1.09
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.853	48991.504	637641.313	624.967	100.0	2.082	13971		1.10

Compound name: NEtFOSE
Coefficient of Determination: R^2 = 0.998655
Calibration curve: -0.000903598 * x^2 + 2.64729 * x
Response type: Internal Std (Ref 76), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



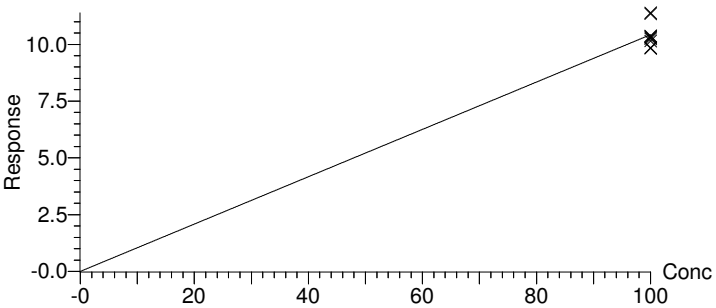
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: d9-NEtFOSE

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.850	67547.492	69590.422	98.816	98.8	0.103	7494		1.01
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.846	69293.984	68116.930	94.286	94.3	0.098	3634		1.03
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.842	67588.117	69282.852	98.320	98.3	0.103	1930		1.03
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.834	65536.602	64579.359	94.514	94.5	0.099	3688		1.02
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.849	59909.973	60769.219	97.291	97.3	0.101	2033		0.99
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.838	63236.020	65592.391	99.490	99.5	0.104	4779		0.98
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.830	58447.609	66566.281	109.239	109.2	0.114	4972		1.01
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.838	54255.980	56152.844	99.269	99.3	0.103	5270		1.02
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.834	43199.742	48991.504	108.775	108.8	0.113	4265		0.95

Compound name: d9-NEtFOSE
Response Factor: 0.104259
RRF SD: 0.00567996, % Relative SD: 5.44796
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



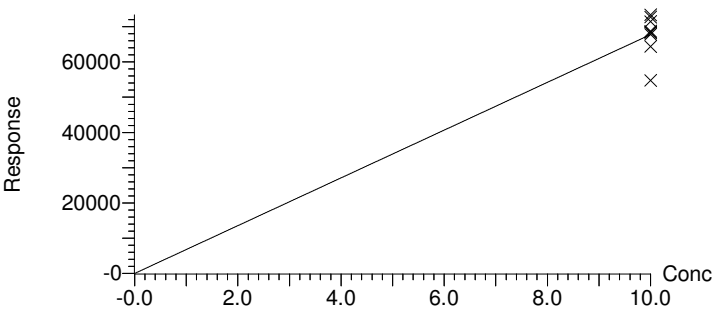
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M3PFPeA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	4.857		68445.523	10.098	101.0	6844.552	4532		2.10
2	I42786	IA537STD-1	25-Jun-21	18:36:58	4.857		72707.008	10.727	107.3	7270.701	12025		2.63
3	I42787	IA537STD-2	25-Jun-21	18:53:32	4.855		73385.523	10.827	108.3	7338.552	11526		2.58
4	I42788	IA537STD-5	25-Jun-21	19:10:06	4.857		71466.500	10.544	105.4	7146.650	7971		2.71
5	I42789	IA537STD-10	25-Jun-21	19:26:39	4.855		67810.570	10.004	100.0	6781.057	11060		2.32
6	I42790	IA537STD-25	25-Jun-21	19:43:14	4.850		68746.930	10.143	101.4	6874.693	16678		2.47
7	I42791	IA537STD-50	25-Jun-21	19:59:48	4.852		68342.992	10.083	100.8	6834.299	4195		2.28
8	I42792	IA537STD-100	25-Jun-21	20:16:21	4.852		64371.035	9.497	95.0	6437.104	5310		2.42
9	I42793	IA537STD-250	25-Jun-21	20:32:55	4.852		54745.551	8.077	80.8	5474.555	2584		2.33

Compound name: M3PFPeA
Response Factor: 6778.02
RRF SD: 561.807, % Relative SD: 8.28865
Response type: External Std, Area
Curve type: RF



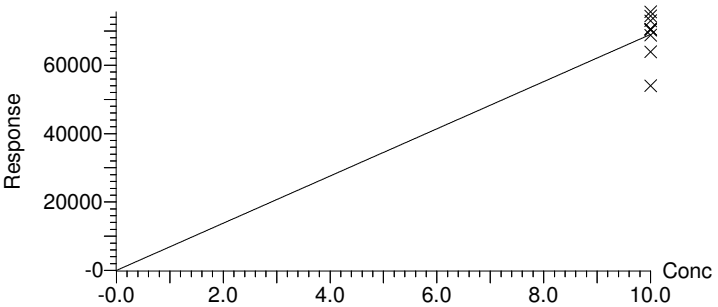
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M2PFHxA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	6.745		70591.609	10.229	102.3	7059.161	6713		3.06
2	I42786	IA537STD-1	25-Jun-21	18:36:58	6.745		74346.078	10.774	107.7	7434.608	6615		2.53
3	I42787	IA537STD-2	25-Jun-21	18:53:32	6.736		75606.055	10.956	109.6	7560.605	6098		2.00
4	I42788	IA537STD-5	25-Jun-21	19:10:06	6.740		73031.016	10.583	105.8	7303.102	3214		2.08
5	I42789	IA537STD-10	25-Jun-21	19:26:39	6.745		70269.289	10.183	101.8	7026.929	15489		2.11
6	I42790	IA537STD-25	25-Jun-21	19:43:14	6.736		70536.602	10.222	102.2	7053.660	3482		1.96
7	I42791	IA537STD-50	25-Jun-21	19:59:48	6.736		68752.352	9.963	99.6	6875.235	7461		2.04
8	I42792	IA537STD-100	25-Jun-21	20:16:21	6.736		63918.813	9.263	92.6	6391.881	3719		2.16
9	I42793	IA537STD-250	25-Jun-21	20:32:55	6.731		54020.688	7.828	78.3	5402.069	2686		1.80

Compound name: M2PFHxA
Response Factor: 6900.81
RRF SD: 656.919, % Relative SD: 9.51945
Response type: External Std, Area
Curve type: RF



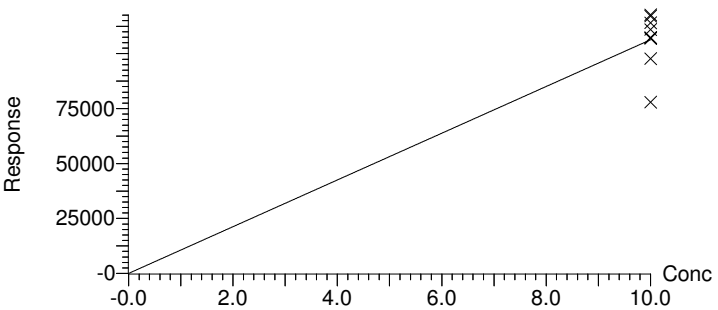
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M4PFOA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	8.972		110950.945	10.434	104.3	11095.095	19236		2.93
2	I42786	IA537STD-1	25-Jun-21	18:36:58	8.968		117678.711	11.067	110.7	11767.871	3605		2.97
3	I42787	IA537STD-2	25-Jun-21	18:53:32	8.968		117141.930	11.016	110.2	11714.193	11200		3.81
4	I42788	IA537STD-5	25-Jun-21	19:10:06	8.980		114072.773	10.728	107.3	11407.277	21028		4.53
5	I42789	IA537STD-10	25-Jun-21	19:26:39	8.976		107353.336	10.096	101.0	10735.334	7585		3.14
6	I42790	IA537STD-25	25-Jun-21	19:43:14	8.960		106945.133	10.057	100.6	10694.513	10959		2.27
7	I42791	IA537STD-50	25-Jun-21	19:59:48	8.957		107144.641	10.076	100.8	10714.464	11033		3.00
8	I42792	IA537STD-100	25-Jun-21	20:16:21	8.957		97760.406	9.194	91.9	9776.041	2911		1.47
9	I42793	IA537STD-250	25-Jun-21	20:32:55	8.960		77961.492	7.332	73.3	7796.149	5904		1.54

Compound name: M4PFOA
Response Factor: 10633.4
RRF SD: 1228.46, % Relative SD: 11.5528
Response type: External Std, Area
Curve type: RF



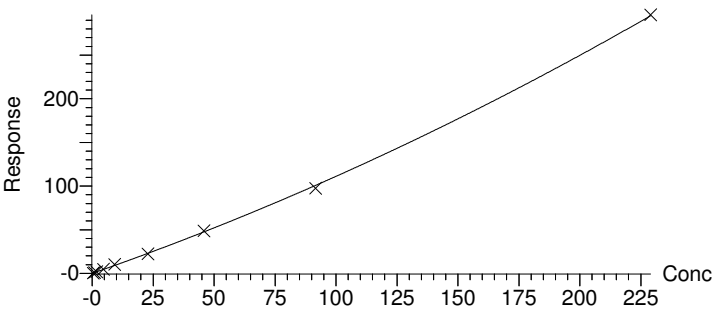
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFPrS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	3.318	13296.128	635.622	0.490	107.1	1.044	212	580	0.75
2	I42786	IA537STD-1	25-Jun-21	18:36:58	3.323	13529.566	1319.751	1.000	109.2	1.065	159	45	0.68
3	I42787	IA537STD-2	25-Jun-21	18:53:32	3.323	13649.750	2526.121	1.895	103.4	1.010	253	414	0.99
4	I42788	IA537STD-5	25-Jun-21	19:10:06	3.320	13428.799	6401.600	4.860	106.1	1.041	915	797	0.89
5	I42789	IA537STD-10	25-Jun-21	19:26:39	3.323	12248.645	12486.402	10.314	112.6	1.113	30208	253	1.08
6	I42790	IA537STD-25	25-Jun-21	19:43:14	3.320	12737.235	28557.262	22.312	97.4	0.979	33247	689	1.01
7	I42791	IA537STD-50	25-Jun-21	19:59:48	3.323	12077.166	58672.797	46.784	102.1	1.061	3297	11050	1.00
8	I42792	IA537STD-100	25-Jun-21	20:16:21	3.320	11898.238	116164.953	89.046	97.2	1.066	31729	40809	1.01
9	I42793	IA537STD-250	25-Jun-21	20:32:55	3.320	9269.692	274485.594	229.649	100.3	1.293	45015	160124	0.98

Compound name: PFPrS
Coefficient of Determination: R^2 = 0.999414
Calibration curve: 0.00137254 * x^2 + 0.974207 * x
Response type: Internal Std (Ref 7), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



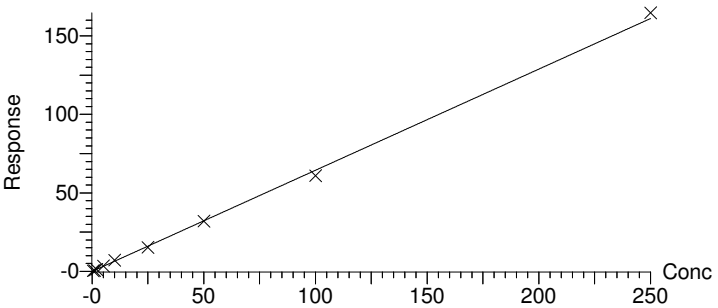
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFMPA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	3.305	57780.328	1991.337	0.535	107.0	0.689	313		0.60
2	I42786	IA537STD-1	25-Jun-21	18:36:58	3.305	60023.031	4253.703	1.100	110.0	0.709	1154		0.96
3	I42787	IA537STD-2	25-Jun-21	18:53:32	3.305	60513.422	7947.105	2.038	101.9	0.657	16313		1.10
4	I42788	IA537STD-5	25-Jun-21	19:10:06	3.305	58136.680	19739.205	5.270	105.4	0.679	10706		1.09
5	I42789	IA537STD-10	25-Jun-21	19:26:39	3.307	54205.727	38296.465	10.965	109.7	0.707	7665		1.15
6	I42790	IA537STD-25	25-Jun-21	19:43:14	3.302	57145.898	87505.352	23.766	95.1	0.613	29444		1.09
7	I42791	IA537STD-50	25-Jun-21	19:59:48	3.302	55028.297	176292.797	49.722	99.4	0.641	32595		1.08
8	I42792	IA537STD-100	25-Jun-21	20:16:21	3.300	56827.293	345994.313	94.496	94.5	0.609	70412		1.10
9	I42793	IA537STD-250	25-Jun-21	20:32:55	3.297	48596.504	800346.125	255.608	102.2	0.659	223927		1.04

Compound name: PFMPA
Coefficient of Determination: R^2 = 0.998550
Calibration curve: 0.644315 * x
Response type: Internal Std (Ref 3), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



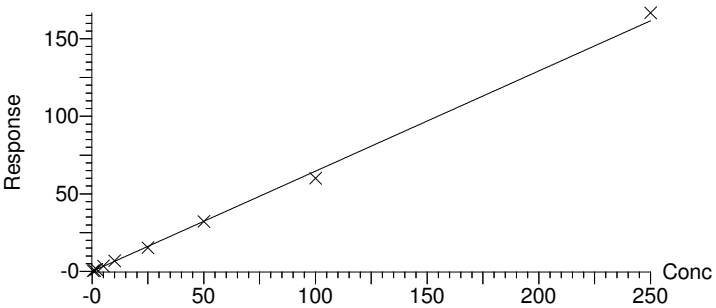
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFMBA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	5.567	65293.742	2185.185	0.518	103.5	0.669	1122		1.11
2	I42786	IA537STD-1	25-Jun-21	18:36:58	5.567	66911.328	4617.612	1.068	106.8	0.690	2121		1.14
3	I42787	IA537STD-2	25-Jun-21	18:53:32	5.562	67487.727	8805.560	2.018	100.9	0.652	12395		1.09
4	I42788	IA537STD-5	25-Jun-21	19:10:06	5.567	64551.254	21989.371	5.270	105.4	0.681	4716		1.15
5	I42789	IA537STD-10	25-Jun-21	19:26:39	5.569	60132.316	40825.941	10.503	105.0	0.679	164578		1.16
6	I42790	IA537STD-25	25-Jun-21	19:43:14	5.555	62822.996	96113.078	23.667	94.7	0.612	277184		1.10
7	I42791	IA537STD-50	25-Jun-21	19:59:48	5.558	60026.988	192846.172	49.698	99.4	0.643	33051		1.10
8	I42792	IA537STD-100	25-Jun-21	20:16:21	5.560	61133.020	366831.594	92.824	92.8	0.600	1464199		1.11
9	I42793	IA537STD-250	25-Jun-21	20:32:55	5.558	49834.328	830936.375	257.935	103.2	0.667	3279777		1.10

Compound name: PFMBA
Coefficient of Determination: R^2 = 0.997908
Calibration curve: 0.64644 * x
Response type: Internal Std (Ref 5), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



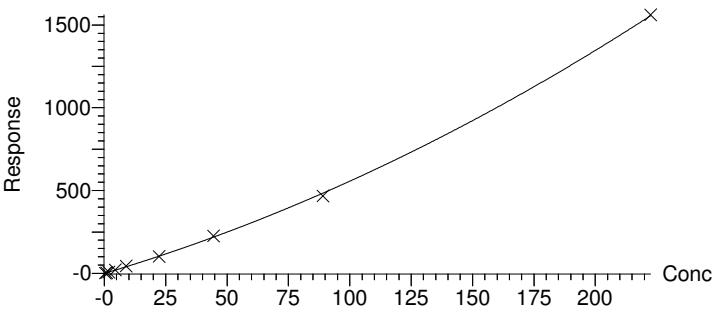
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFEESA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	6.259	15614.954	3276.106	0.475	106.8	4.715	801	27	1.18
2	I42786	IA537STD-1	25-Jun-21	18:36:58	6.261	15923.893	7136.023	1.014	113.9	5.035	833	19	2.07
3	I42787	IA537STD-2	25-Jun-21	18:53:32	6.255	15851.401	13141.892	1.872	105.2	4.658	2652	149	1.23
4	I42788	IA537STD-5	25-Jun-21	19:10:06	6.261	15344.866	33306.844	4.862	109.3	4.878	7496	298	2.45
5	I42789	IA537STD-10	25-Jun-21	19:26:39	6.263	14276.569	62824.078	9.735	109.4	4.944	12672	96	2.53
6	I42790	IA537STD-25	25-Jun-21	19:43:14	6.252	14892.317	152006.172	21.895	98.4	4.587	3051	46	2.82
7	I42791	IA537STD-50	25-Jun-21	19:59:48	6.253	13709.874	309059.031	45.653	102.6	5.066	16682	446	3.74
8	I42792	IA537STD-100	25-Jun-21	20:16:21	6.252	13095.640	612222.750	86.394	97.1	5.253	13758	1907	3.30
9	I42793	IA537STD-250	25-Jun-21	20:32:55	6.255	9182.548	1433684.875	223.067	100.3	7.017	24870	188	2.32

Compound name: PFEESA
Coefficient of Determination: R^2 = 0.999514
Calibration curve: 0.0116194 * x^2 + 4.4074 * x
Response type: Internal Std (Ref 18), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



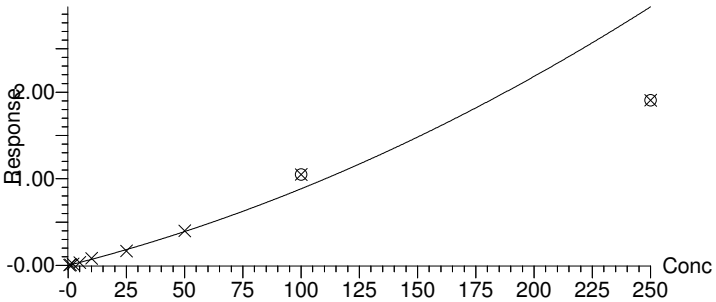
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: NFDHA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	6.528	69092.836	35.005	0.745	149.0	0.010	3		0.98
2	I42786	IA537STD-1	25-Jun-21	18:36:58	6.531	71767.094	49.020	1.004	100.4	0.007	8		0.94
3	I42787	IA537STD-2	25-Jun-21	18:53:32	6.515	71122.000	95.191	1.961	98.1	0.007	1321	39	0.93
4	I42788	IA537STD-5	25-Jun-21	19:10:06	6.522	68872.398	221.501	4.675	93.5	0.006	2887	4	0.94
5	I42789	IA537STD-10	25-Jun-21	19:26:39	6.522	63598.234	520.781	11.659	116.6	0.008	329	10	1.27
6	I42790	IA537STD-25	25-Jun-21	19:43:14	6.512	66333.828	1091.324	22.689	90.8	0.007	16	2	1.00
7	I42791	IA537STD-50	25-Jun-21	19:59:48	6.512	62021.500	2465.451	50.767	101.5	0.008	352	8	1.21
8	I42792	IA537STD-100	25-Jun-21	20:16:21	6.512	61755.355	6489.599	114.830	114.8	0.011	1438	24	2.02
9	I42793	IA537STD-250	25-Jun-21	20:32:55	6.505	48768.344	9292.991	181.150	72.5	0.008	28	32	1.86

Compound name: NFDHA
Coefficient of Determination: R^2 = 0.992404
Calibration curve: 2.06235e-005 * x^2 + 0.0067832 * x
Response type: Internal Std (Ref 11), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\MethDB\537ISO_Q_210625_TOP_RT.mdb 22 Jun 2021 09:28:25
Calibration: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

ID: IA537STD-.5
Name: I42785
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	1.97	213.032 > 169.022	2503		0.487		na	97.4
2	M3PFBA	INT STD	1.96	216.009 > 171.999	52650		10.029		na	100.3
3	MPFBA	INT STD	1.96	217.001 > 171.999	57780		10.206		na	102.1
4	PFPeA	2706-90-3	4.85	263.039 > 219.03	3002		0.489		na	97.7
5	M5PFPEA	INT STD	4.85	268.001 > 222.999	65294		10.511		na	105.1
6	PFBS	375-73-5	5.51	299.092 > 80.062	592		0.410	1.87	NO	92.5
7	M3PFBS	INT STD	5.51	302.069 > 80.062	13296		10.001		na	100.0
8	4:2FTS	757124-72-4	6.67	327.146 > 307.139	198		0.423	2.18	NO	90.5
9	M2-4:2FTS	INT STD	6.67	329.13 > 309.124	4751		8.919		na	89.2
10	PFHxA	307-24-4	6.74	313.047 > 269.037	4253		0.580	14.28	NO	116.0
11	M5PFHxA	INT STD	6.75	318.009 > 273.007	69093		10.173		na	101.7
12	PFPeS	2706-91-4	7.07	349.1 > 80.062	612		0.448	1.91	NO	95.4
13	PFHpA	375-85-9	8.03	363.055 > 319.045	5086		0.482	5.32	NO	96.4
14	M4PFHpA	INT STD	8.03	367.025 > 322.022	104333		10.304		na	103.0
15	br-PFHxS	355-46-4	7.96	399.107 > 80.062	98	M5,M7	0.075	1.72	NO	88.7
16	L-PFHxS	355-46-4	8.19	399.107 > 80.062	606		0.356	1.77	NO	96.2
17	PFHxS	355-46-4		399.107 > 80.062	704		0.431		na	
18	M3PFHxS	INT STD	8.19	402.084 > 80.062	15615		10.357		na	103.6
19	br-PFOA	335-67-1		413.063 > 369.053			ND		YES	
20	L-PFOA	335-67-1	8.97	413.063 > 369.053	5751		0.510	9.57	NO	102.0
21	PFOA	335-67-1		413.063 > 369.053	5751		0.510		na	
22	M8PFOA	INT STD	8.97	421.002 > 376.	117049		10.380		na	103.8
23	M2PFOA	INT STD	8.97	415.048 > 370.045	111074		10.487		na	104.9
24	6:2FTS	27619-97-2	8.93	427.161 > 407.155	244		0.487	4.83	NO	102.5
25	M2-6:2FTS	INT STD	8.93	429.146 > 409.14	5065		9.262		na	92.6
26	PFHpS	375-92-8	9.07	449.115 > 80.062	460		0.469	1.21	NO	98.7
27	PFNA	375-95-1	9.73	463.071 > 419.061	4110		0.481	3.87	NO	96.2
28	M9PFNA	INT STD	9.73	472.002 > 427.	34202		10.559		na	105.6
29	br-PFOS	1763-23-1	9.59	499.123 > 80.062	131	M5,M7	0.089	2.77	NO	88.6
30	L-PFOS	1763-23-1	9.79	499.123 > 80.062	434	M7	0.360	1.65	NO	98.7
31	PFOS	1763-23-1		499.123 > 80.062	565		0.449		na	
32	M4PFOS	INT STD	9.79	503.093 > 80.062	12050		10.646		na	106.5
33	M8PFOS	INT STD	9.79	507.062 > 80.062	13683		10.134		na	101.3
34	PFDA	335-76-2	10.36	513.078 > 469.069	3605		0.453	5.42	NO	90.7
35	M2PFDA	INT STD	10.36	515.053 > 469.934	67547		11.073		na	110.7
36	M6PFDA	INT STD	10.36	519.033 > 474.03	79924		10.424		na	104.2
37	8:2FTS	39108-34-4	10.34	527.177 > 507.171	107	M7	0.415	5.22	NO	86.5
38	M2-8:2FTS	INT STD	10.35	529.162 > 509.155	3925		9.763		na	97.6
39	PFNS	68259-12-1	10.39	549.131 > 80.062	496		0.469	1.55	NO	97.7

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

ID: IA537STD-.5
Name: I42785
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.77	573.22 > 419.061	6455		8.932		na	89.3
41	br-NMeFOSAA		10.62	570.202 > 419.061	12		0.047	1.21	NO	39.6
42	L-NMeFOSAA		10.77	570.202 > 419.061	271		0.385	3.41	NO	101.4
43	NMeFOSAA	2355-31-9		570.202 > 419.061	283		0.433		na	
44	PFUnA	2058-94-8	10.89	563.086 > 519.076	3573	M7	0.465	13.18	NO	93.1
45	M7-PFUDA	INT STD	10.89	570.033 > 525.031	76091		10.642		na	106.4
46	PFDS	335-77-3	10.91	599.139 > 80.062	547	M4	0.482	1.57	NO	99.9
47	FOSA	754-91-6	10.95	498.146 > 78.07	1781	M7	0.517	141.76	NO	103.3
48	M8FOSA	INT STD	10.96	506.077 > 78.07	40254		9.698		na	97.0
49	br-NEtFOSAA		10.94	584.229 > 419.061	7	M5,M7	0.038	0.27	YES	34.1
50	L-NEtFOSAA		11.08	584.229 > 419.061	193		0.360	1.16	NO	93.0
51	NEtFOSAA	2991-50-6		584.229 > 419.061	200		0.399		na	
52	d5-NEtFOSAA	INT STD	11.07	589.259 > 419.061	5441		9.111		na	91.1
53	PFDoA	307-55-1	11.36	613.094 > 569.084	3418	M4	0.475	17.80	NO	95.1
54	MPFDOA	INT STD	11.36	615.079 > 570.077	68461		9.924		na	99.2
55	PFTrDA	72629-94-8	11.76	663.102 > 619.092	2756		0.537	11.94	NO	107.4
56	PFTA	376-06-7	12.12	713.11 > 669.1	1845		0.459	9.07	NO	91.7
57	M2PFTEDA	INT STD	12.12	715.094 > 670.092	20665		9.551		na	95.5
58	M3HFPO-DA	INT STD	7.18	287.02 > 169.022	7723		245.739		na	122.9
59	HFPO-DA	13252-13-6	7.19	285.035 > 169.022	163		4.335	5.63	YES	86.7
60	ADONA	958445-44-8	8.21	377.06 > 251.028	4526	M7	0.487	43.48	NO	102.9
61	PFHxDA		12.64	813.122 > 769.116	1171	M4,M7	0.566	25.20	NO	113.1
62	PFODA		12.87	913.411 > 869.131	136		0.538	24.72	NO	107.5
63	M2PFHxDA		12.64	815.102 > 770.108	31310		9.879		na	98.8
64	PFDoS		11.76	699.154 > 80.062	376		0.507	2.79	NO	101.4
65	M2D4-10:2FTS		11.36	633.201 > 612.189	4701	M4	22.080		na	111.7
66	10:2FTS		11.37	627.192 > 607.186	108	M2,M7	0.391	2.02	NO	81.2
67	9CL-PF3ONS		10.14	530.862 > 350.843	2361		0.429	2.51	NO	92.0
68	11CL-PFOUdS		11.17	630.862 > 450.854	2293		0.450	3.21	NO	95.5
69	NMeFOSA		11.58	512.163 > 169.022	1694		2.501	1.55	NO	100.0
70	d3-NMeFOSA		11.58	515.183 > 169.022	83657		98.370		na	98.4
71	NEtFOSA		11.88	526.192 > 169.022	1944		2.661	5.76	NO	106.5
72	d5-NEtFOSA		11.87	531.222 > 169.022	92094		97.548		na	97.5
73	NMeFOSE		11.58	615.8 > 59.045	2206		1.416		na	113.2
74	d7-NMeFOSE		11.56	622.84 > 59.045	72047		103.307		na	103.3
75	NEtFOSE		11.87	629.862 > 59.045	2387		1.296		na	103.7
76	d9-NEtFOSE		11.85	638.734 > 59.045	69590		98.816		na	98.8
77	M3PFPeA		4.86	266.017 > 222.007	68446		10.098		na	101.0
78	M2PFHxA		6.75	315.032 > 270.03	70592		10.229		na	102.3
79	M4PFOA		8.97	417.032 > 372.03	110951		10.434		na	104.3
80	PFPrS	423-41-6	3.32	249.084 > 80.062	636		0.490	3.19	NO	107.1
81	PFMPA		3.30	229.032 > 85.006	1991		0.535		na	107.0
82	PFMBA		5.57	279.042 > 85.006	2185		0.518		na	103.5

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

ID: IA537STD-.5
Name: I42785
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
83	PFEESA		6.26	315.093 > 135.013	3276		0.475	22.94	NO	106.8
84	NFDHA		6.53	295.032 > 201.027	35		0.745		YES	149.0

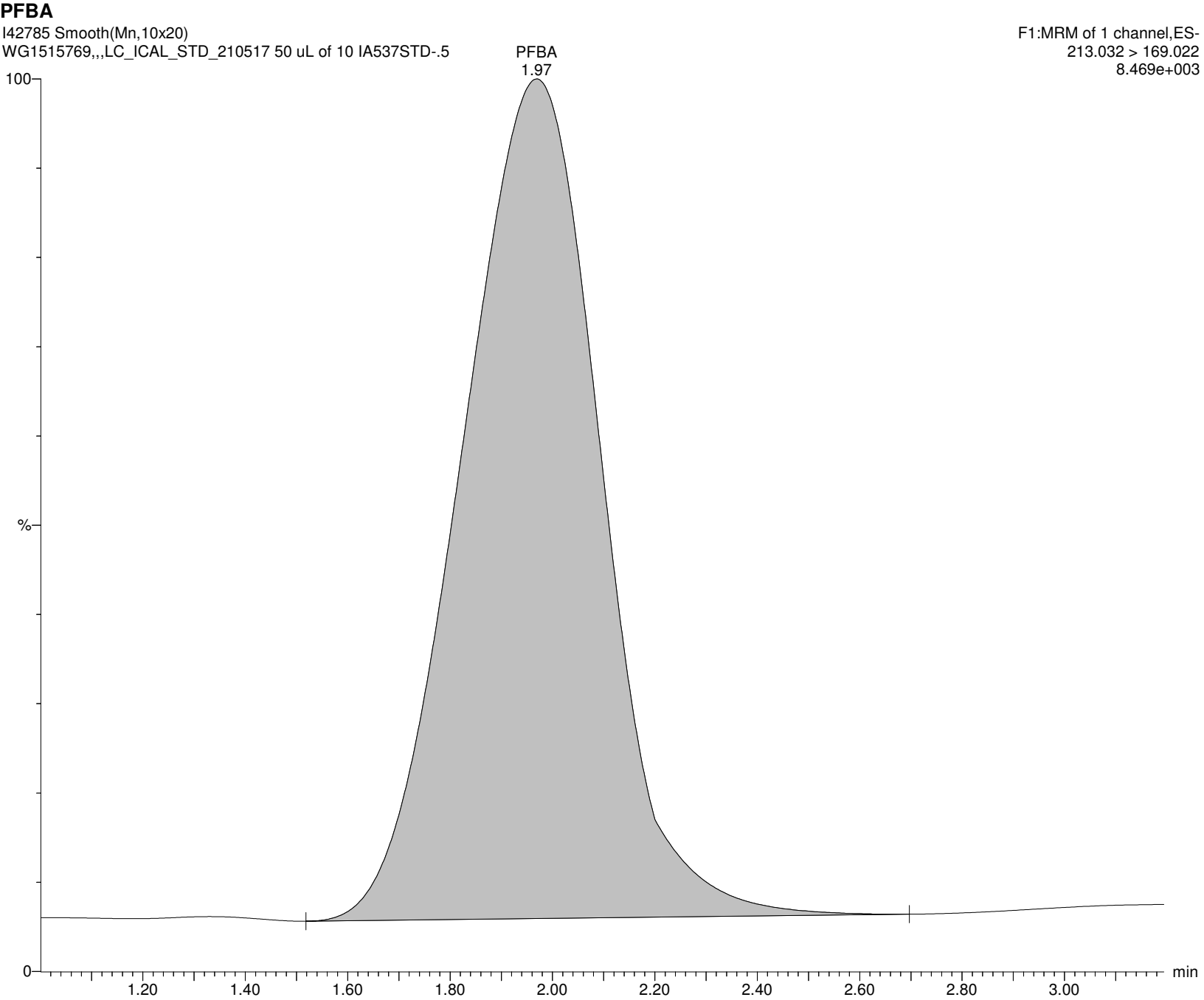
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\MethDB\537ISO_Q_210625_TOP_RT.mdb 22 Jun 2021 09:28:25
Calibration: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBA

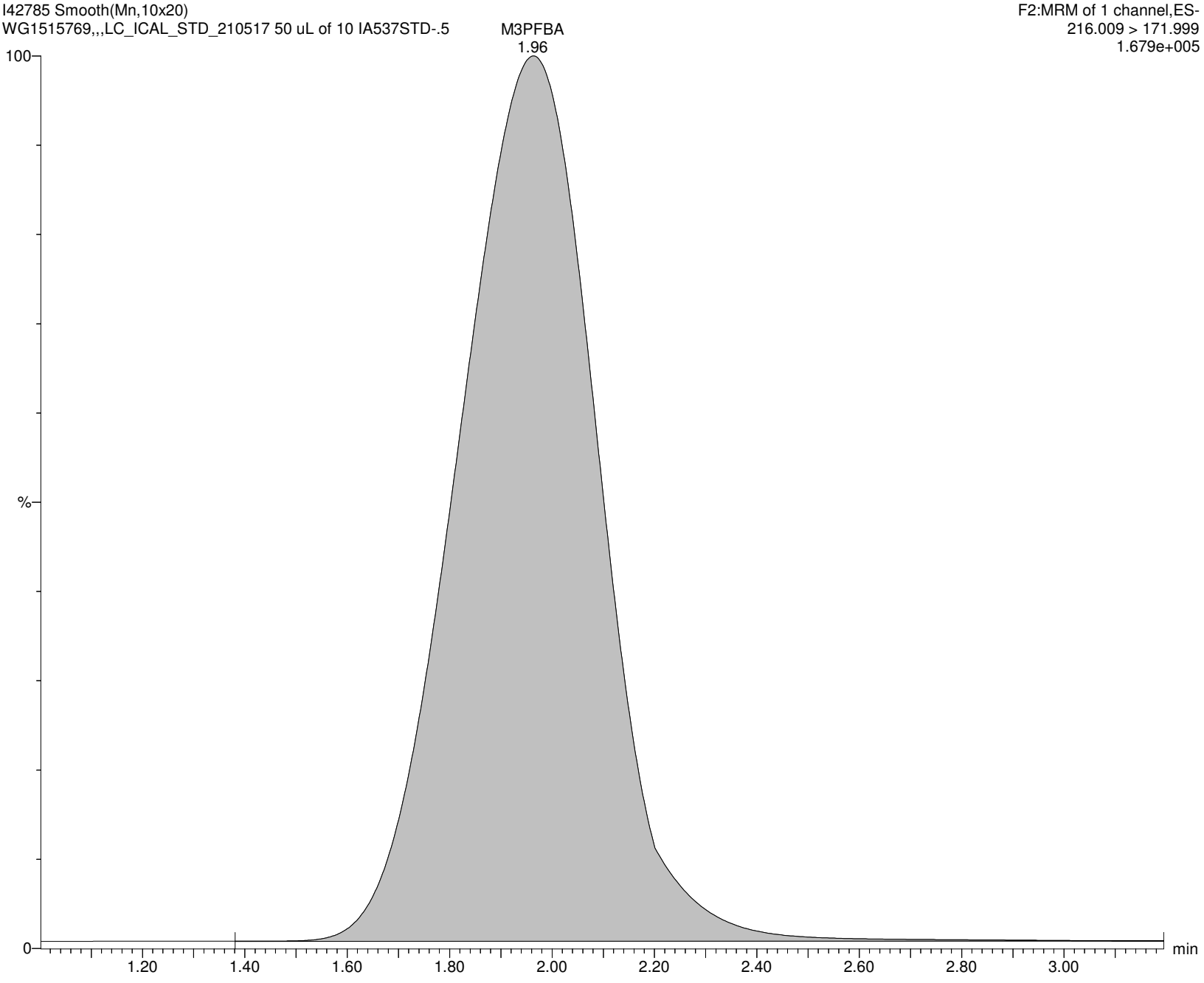


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBA

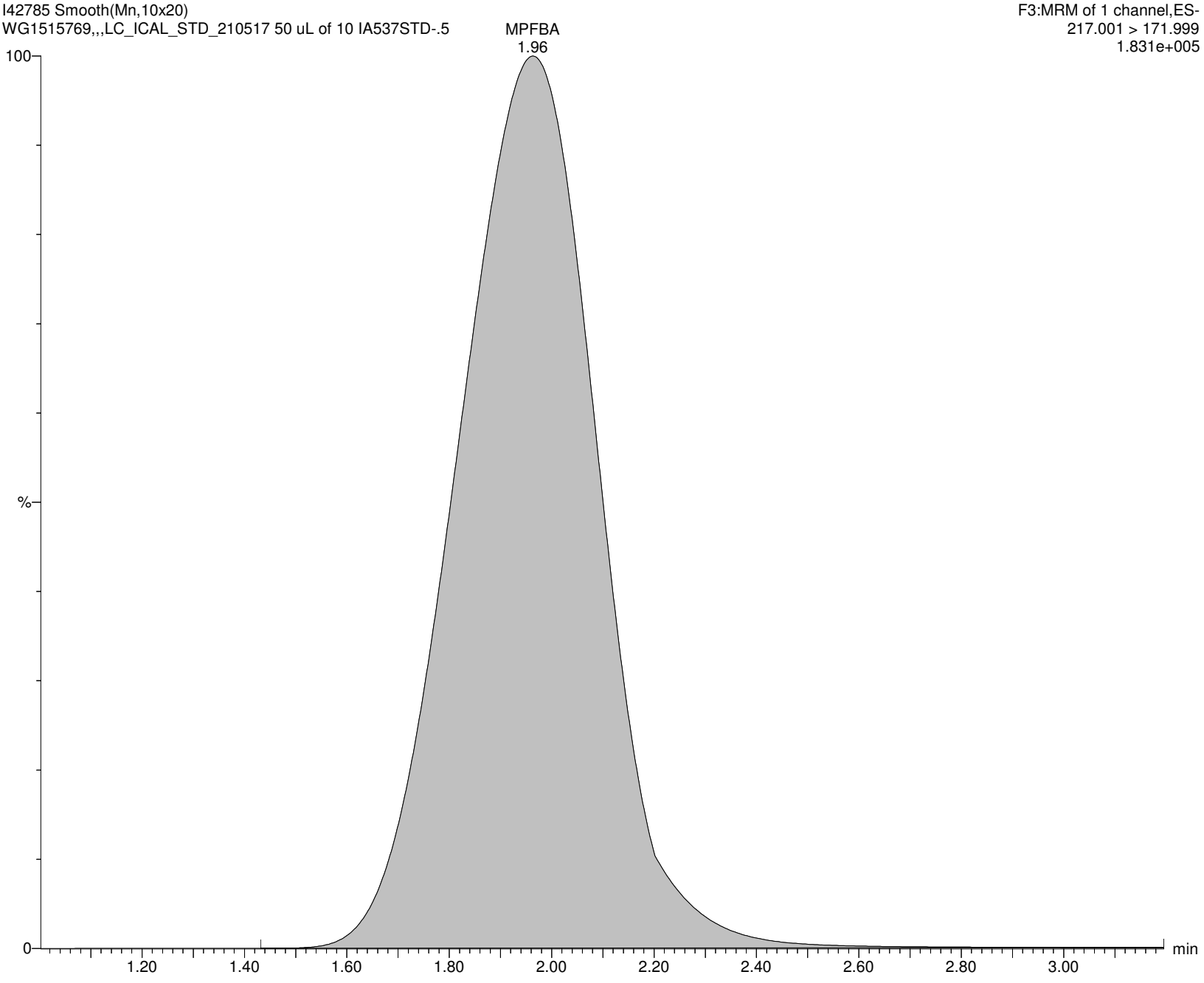


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFBA

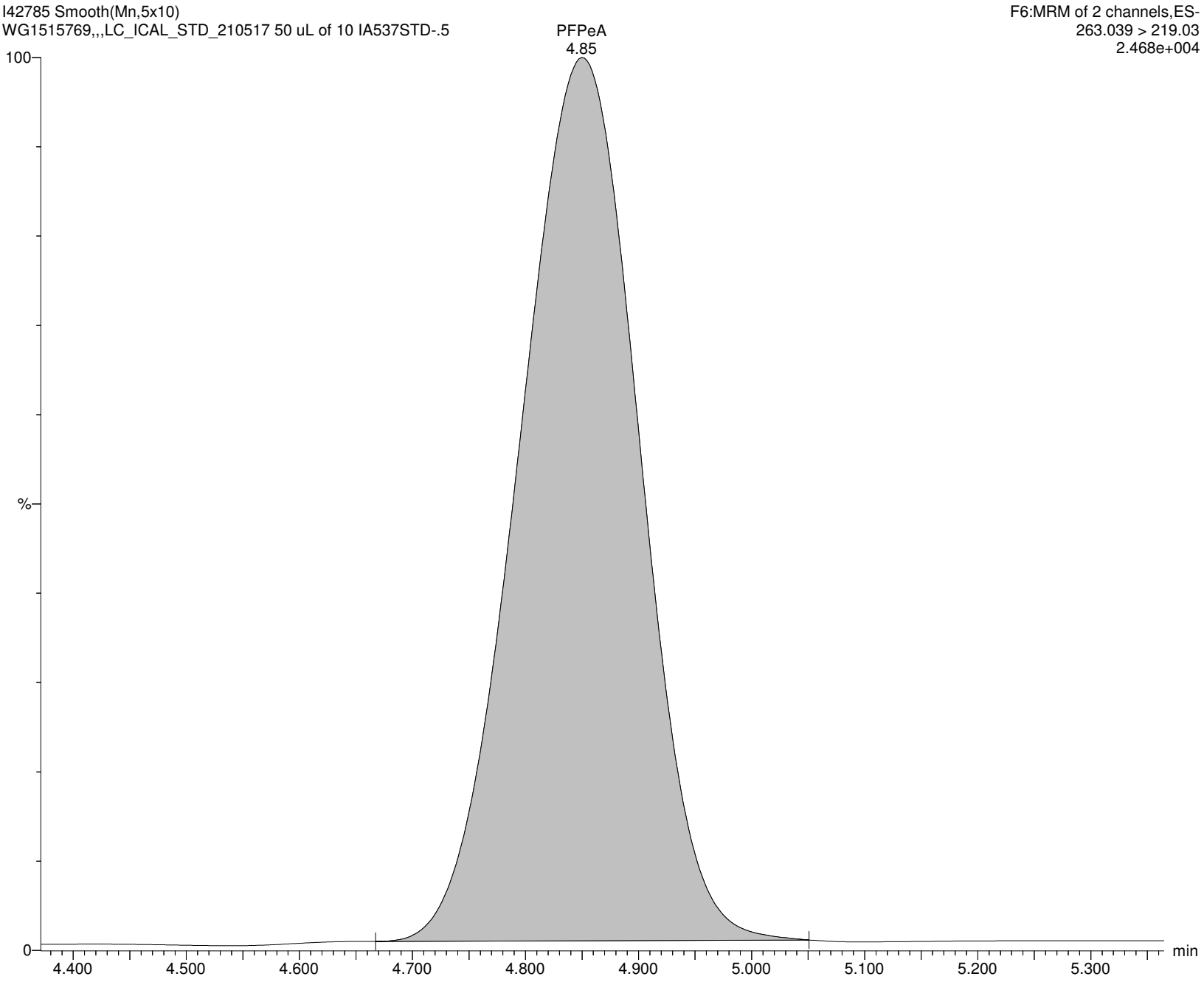


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeA

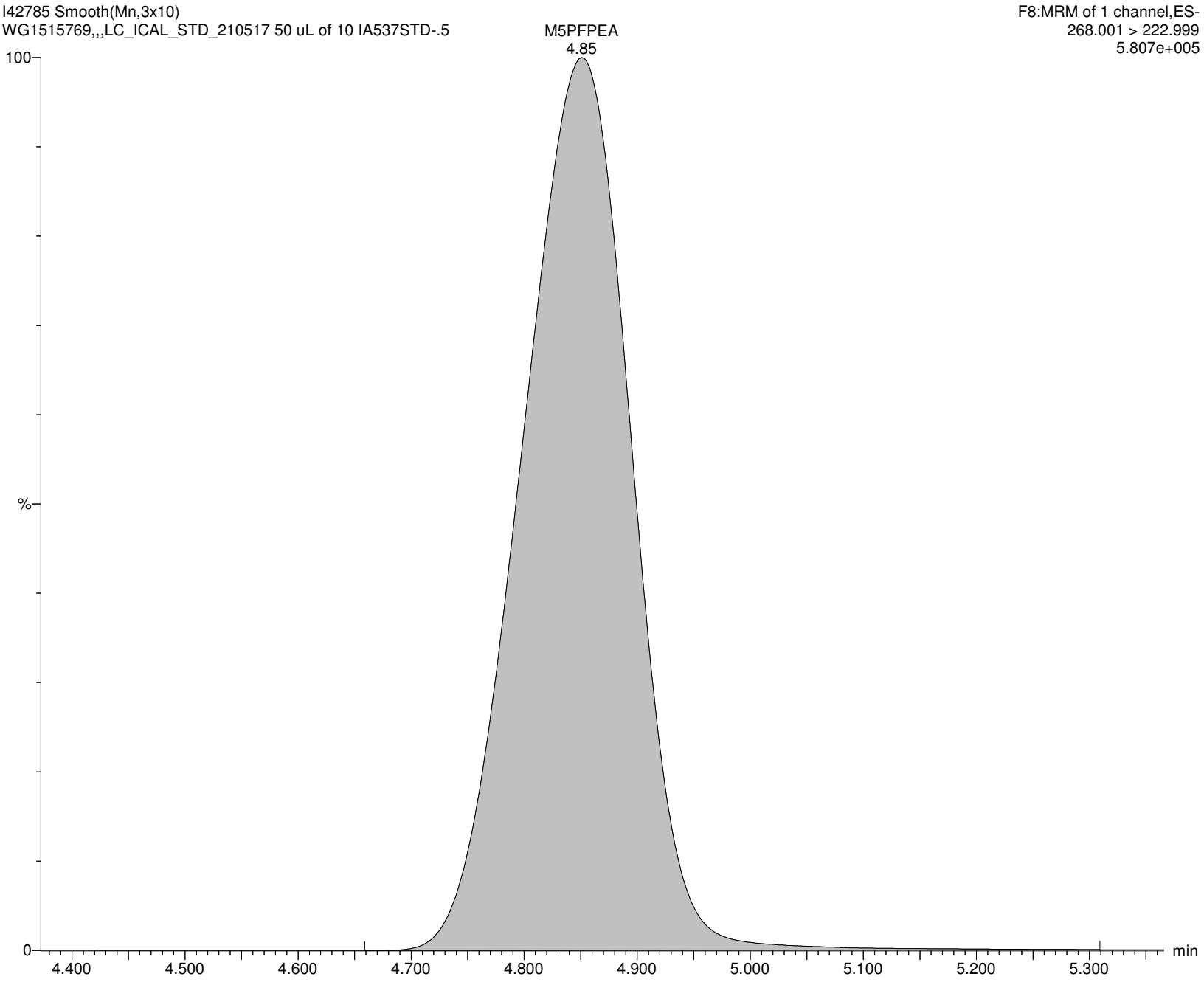


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFPEA

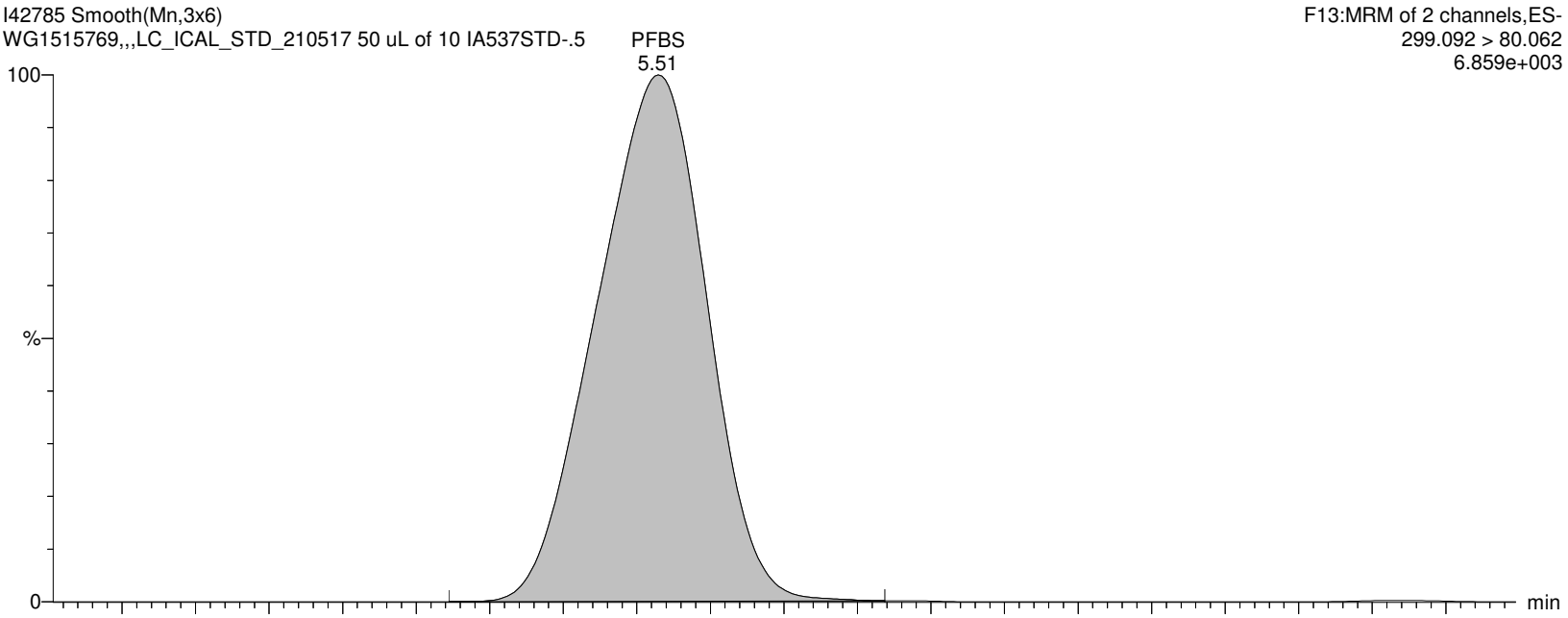


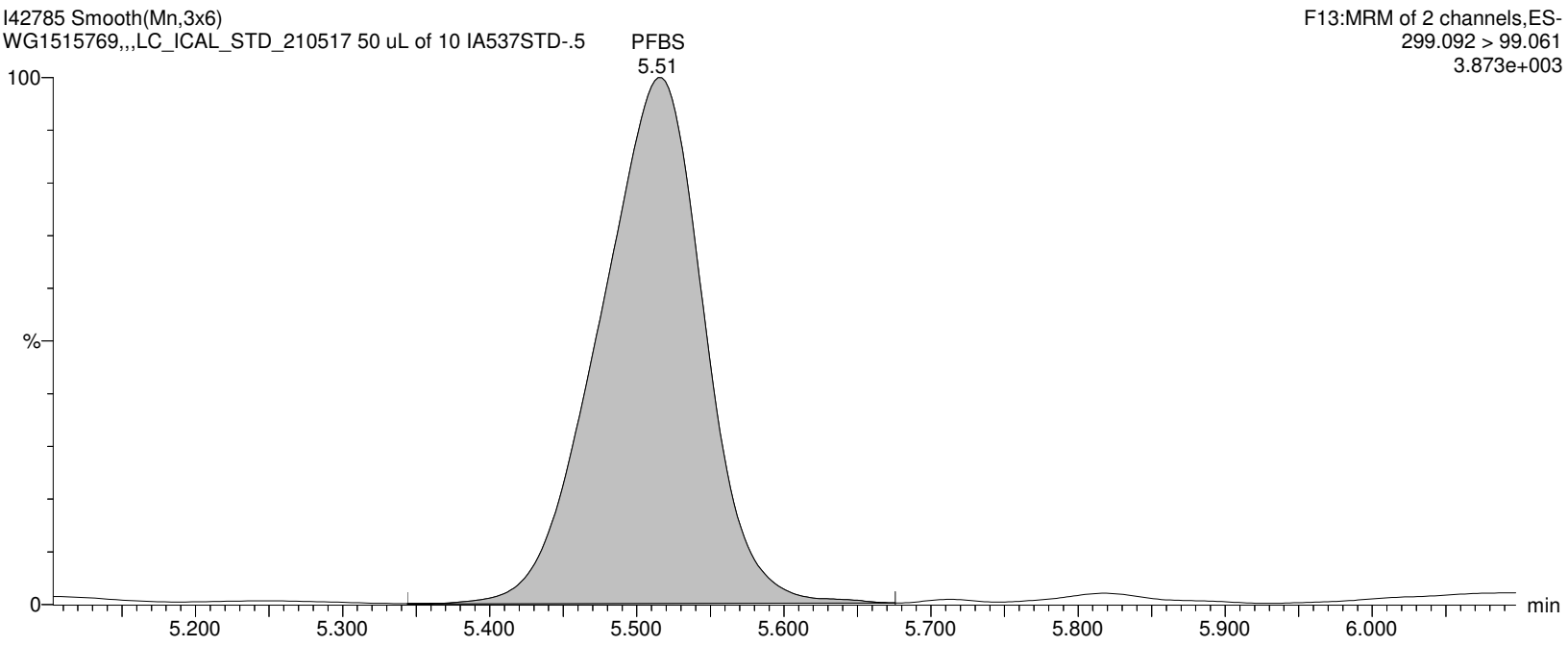
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBS



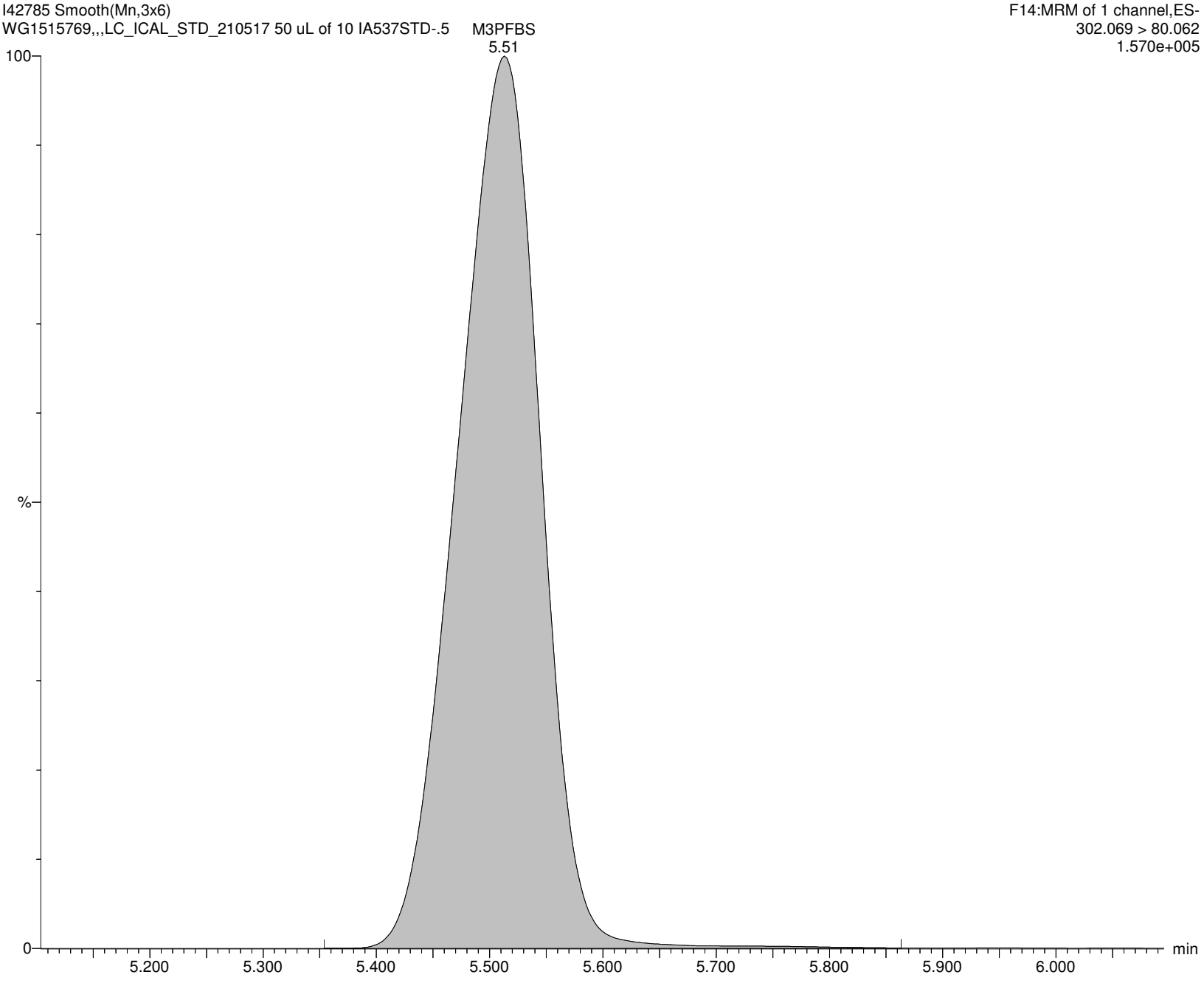


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBS

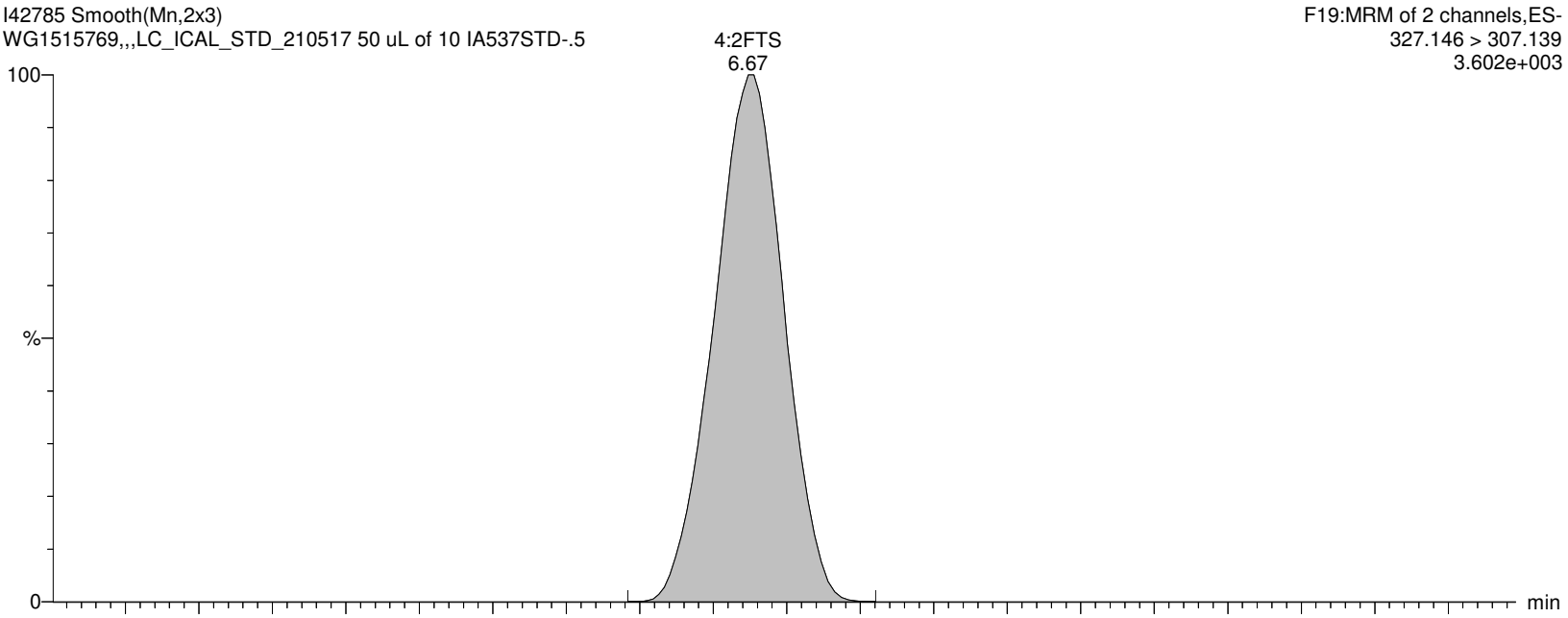


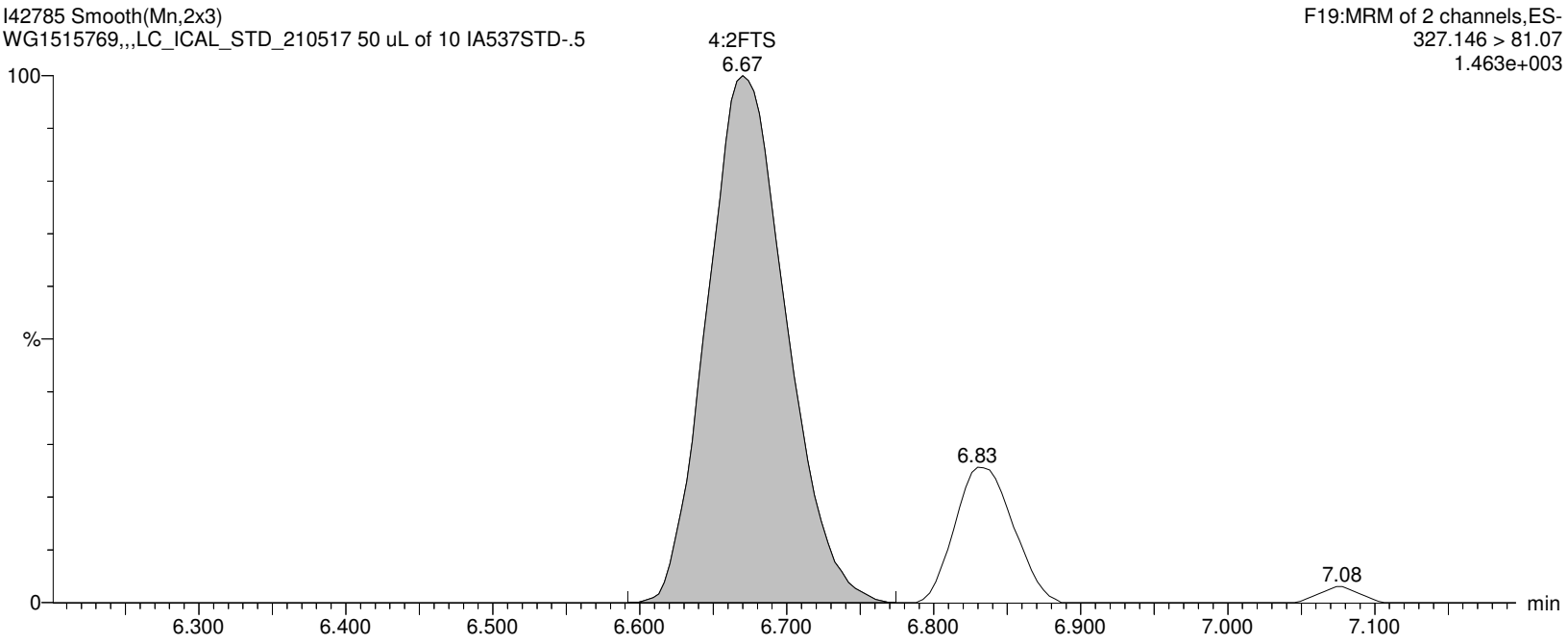
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

4:2FTS



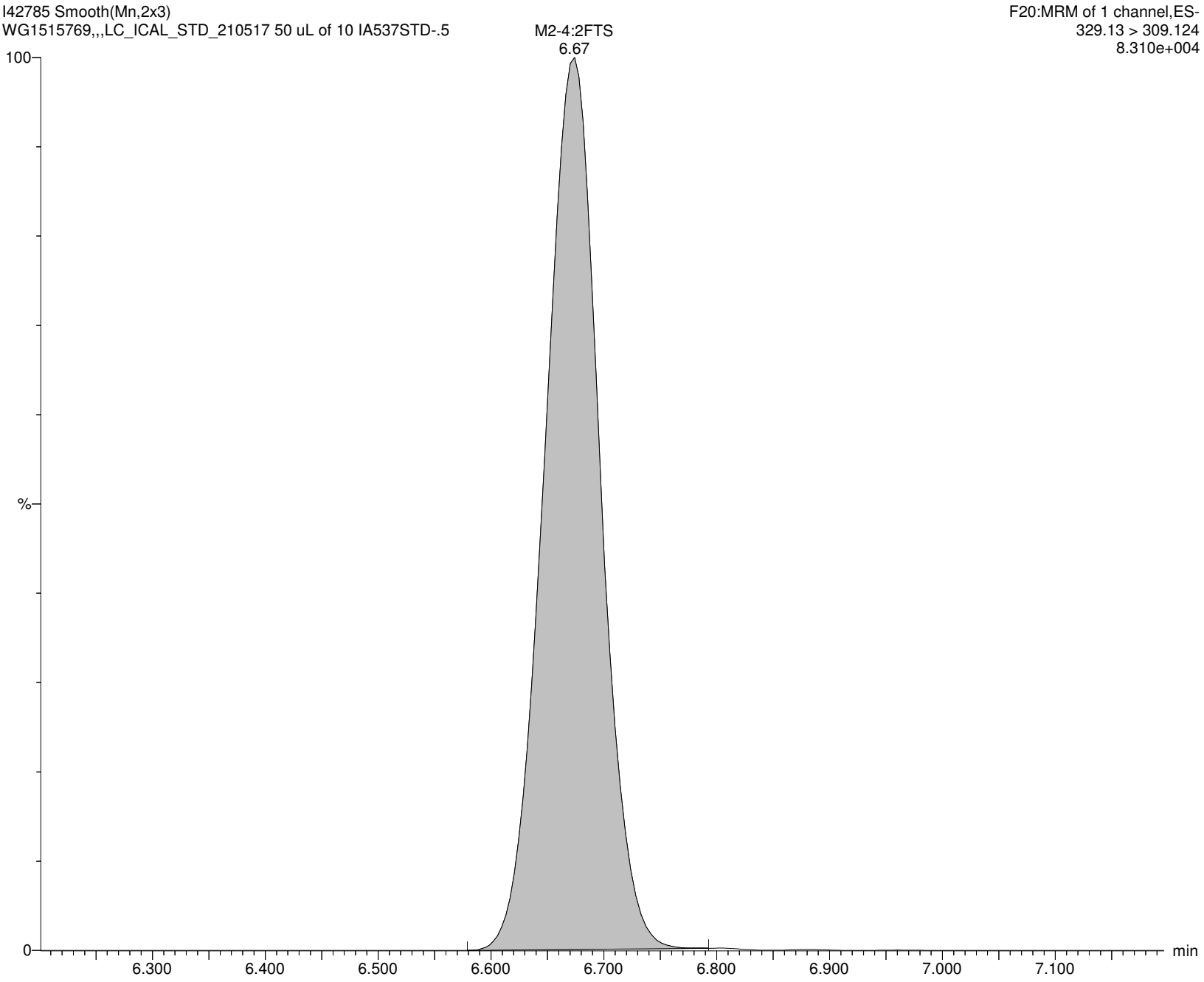


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-4:2FTS

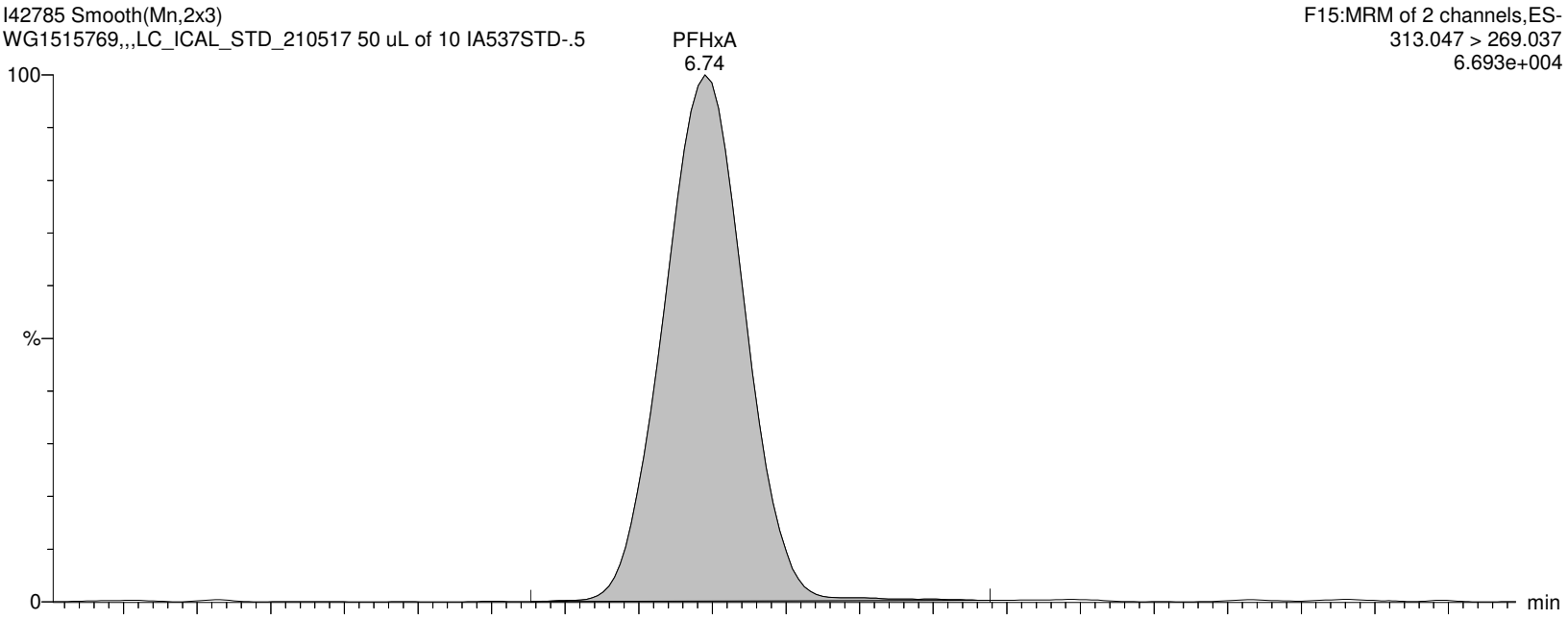


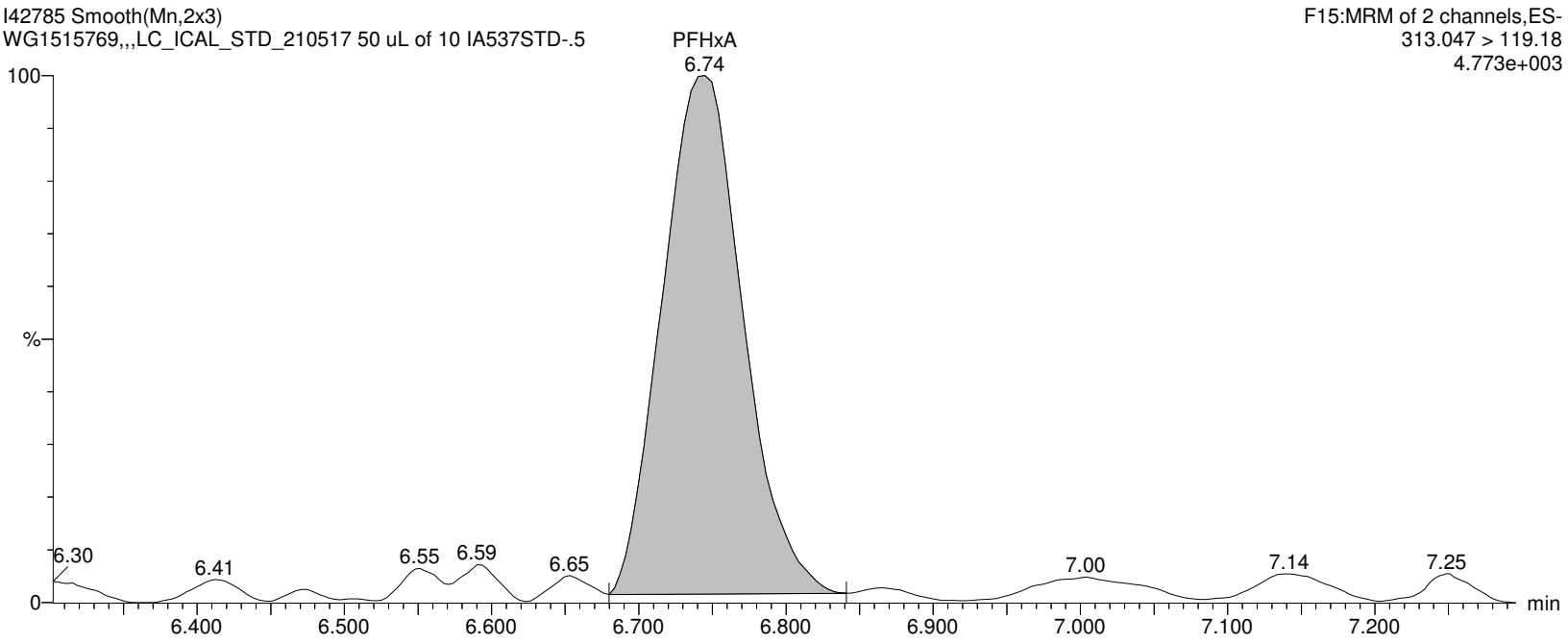
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxA



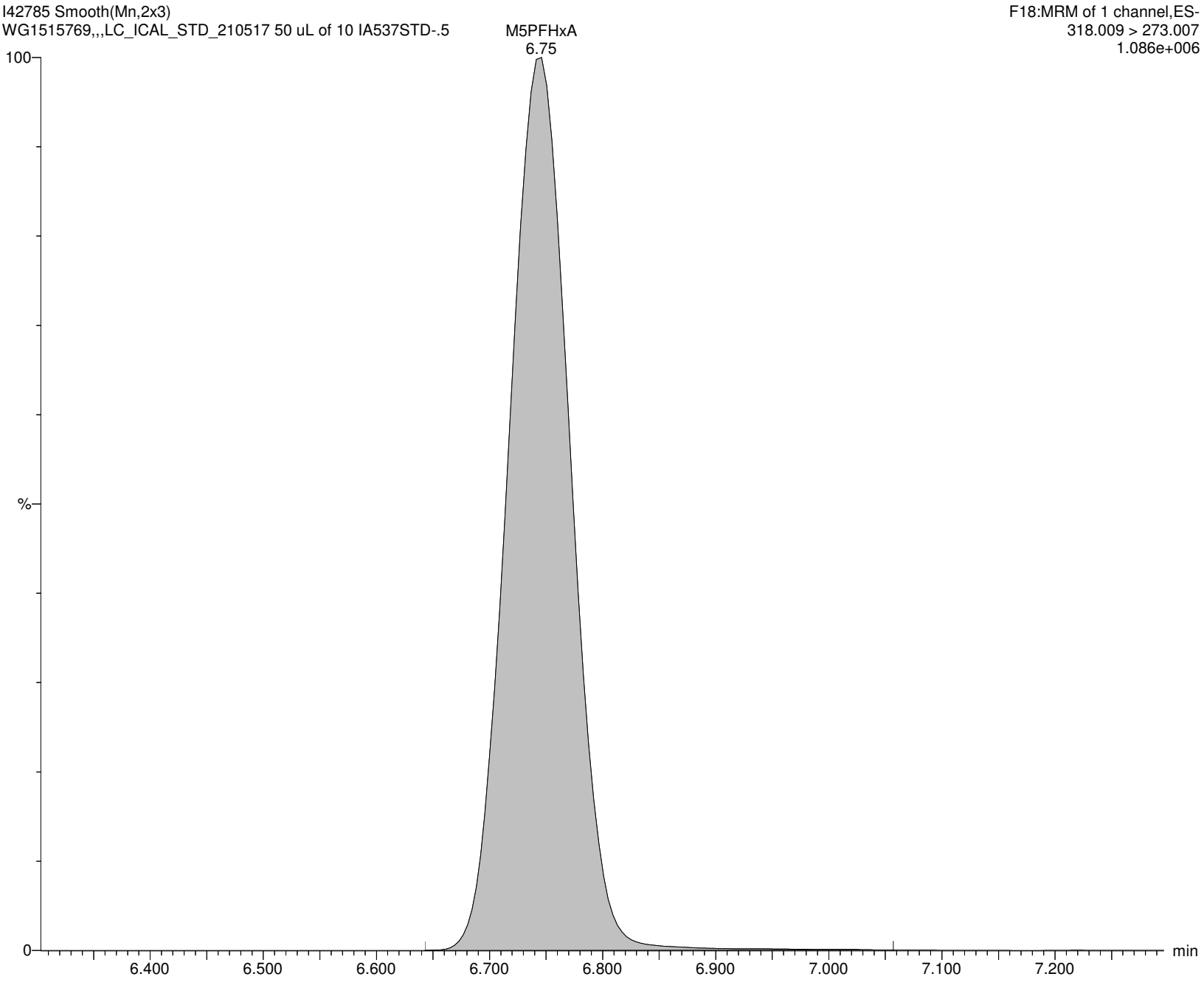


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFHxA

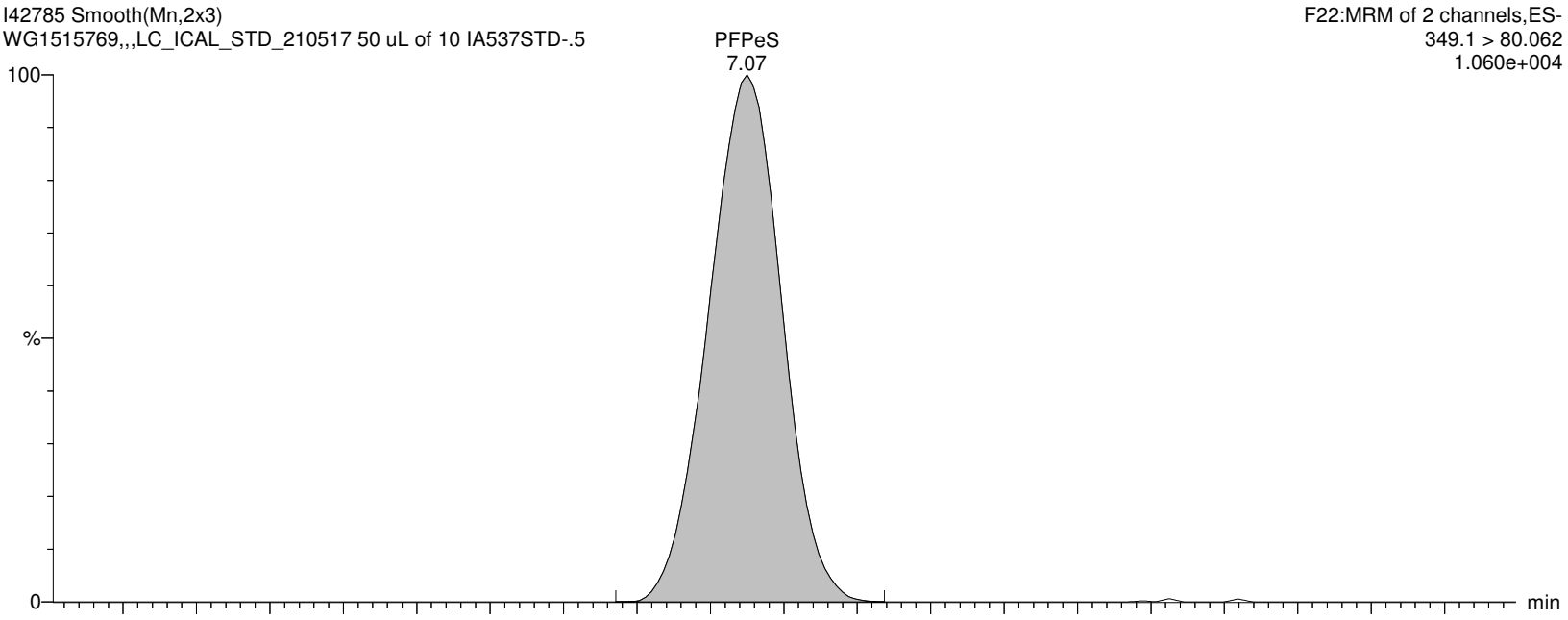


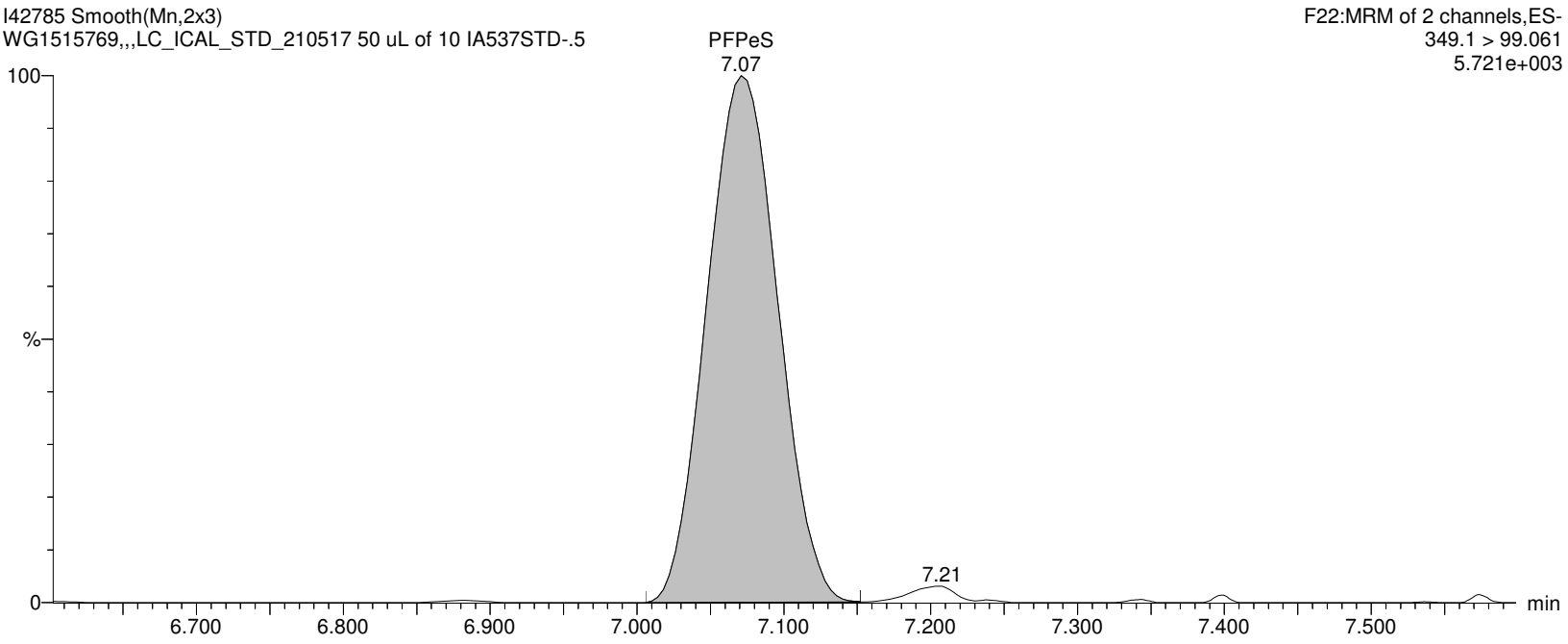
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeS



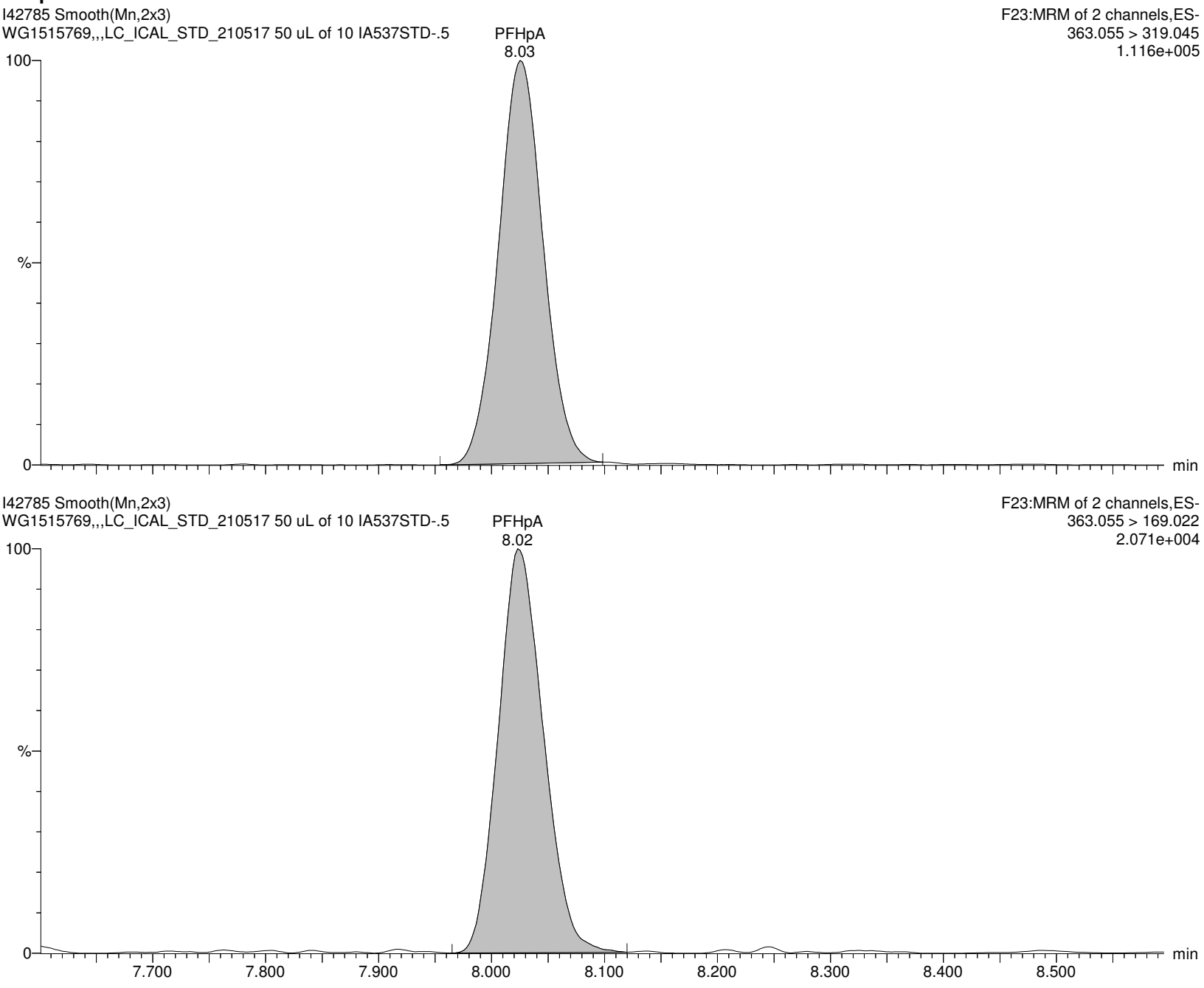


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpA

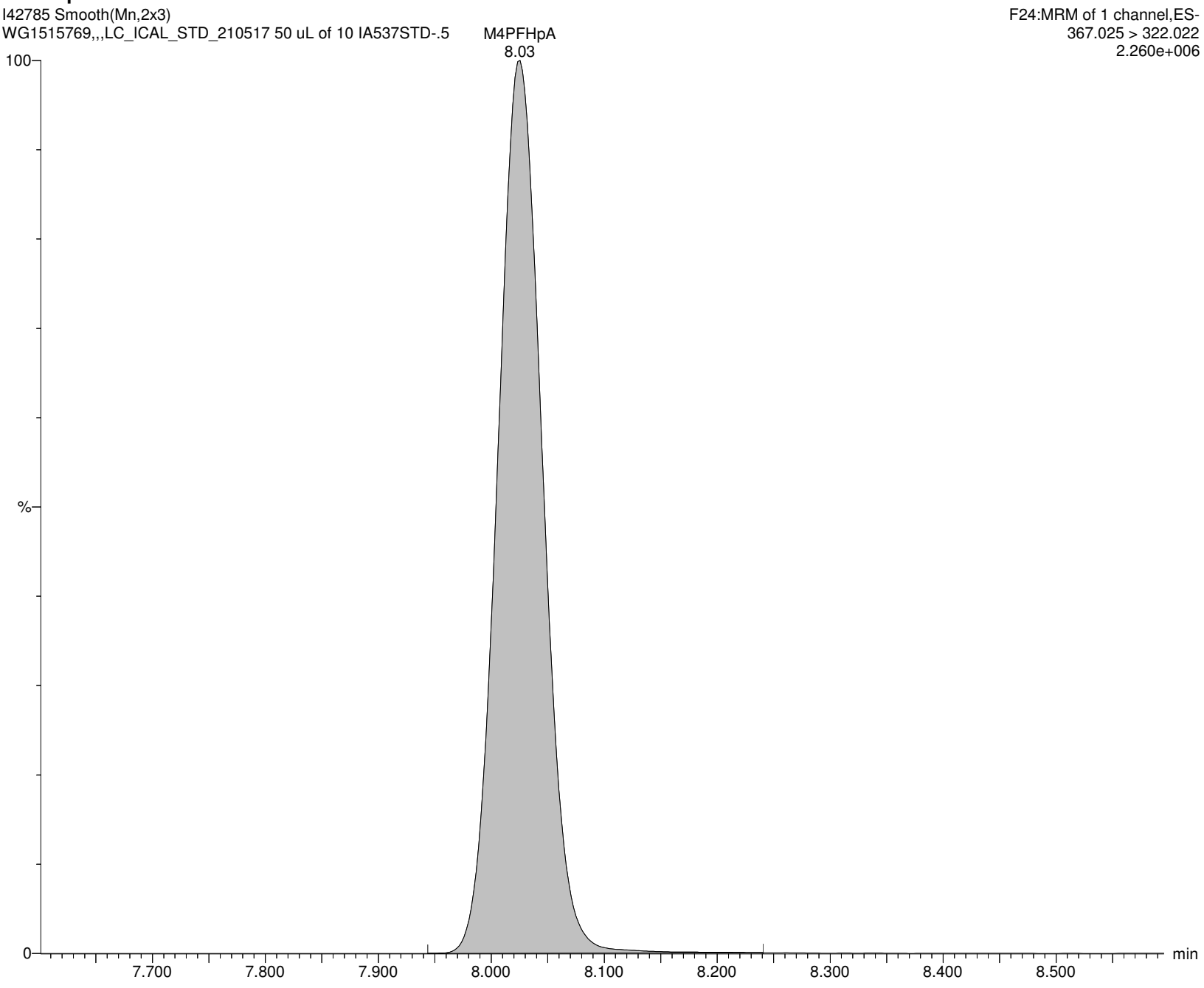


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFHpA

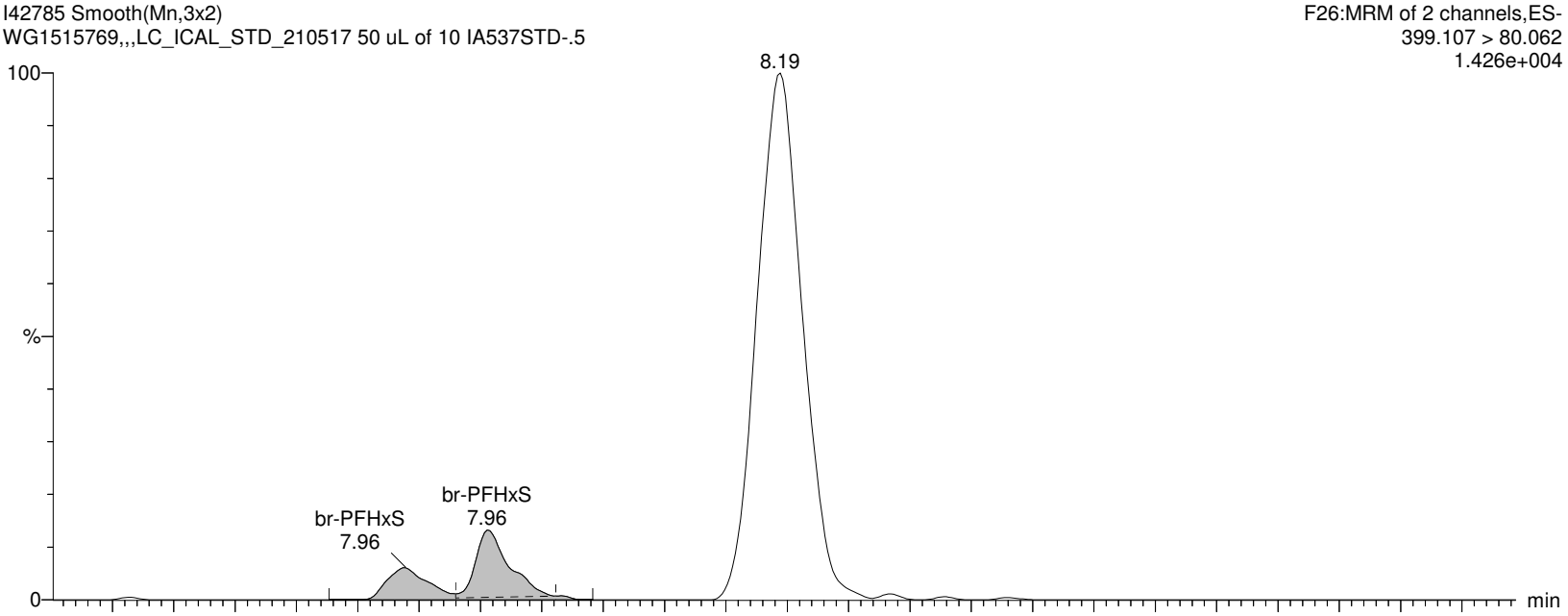


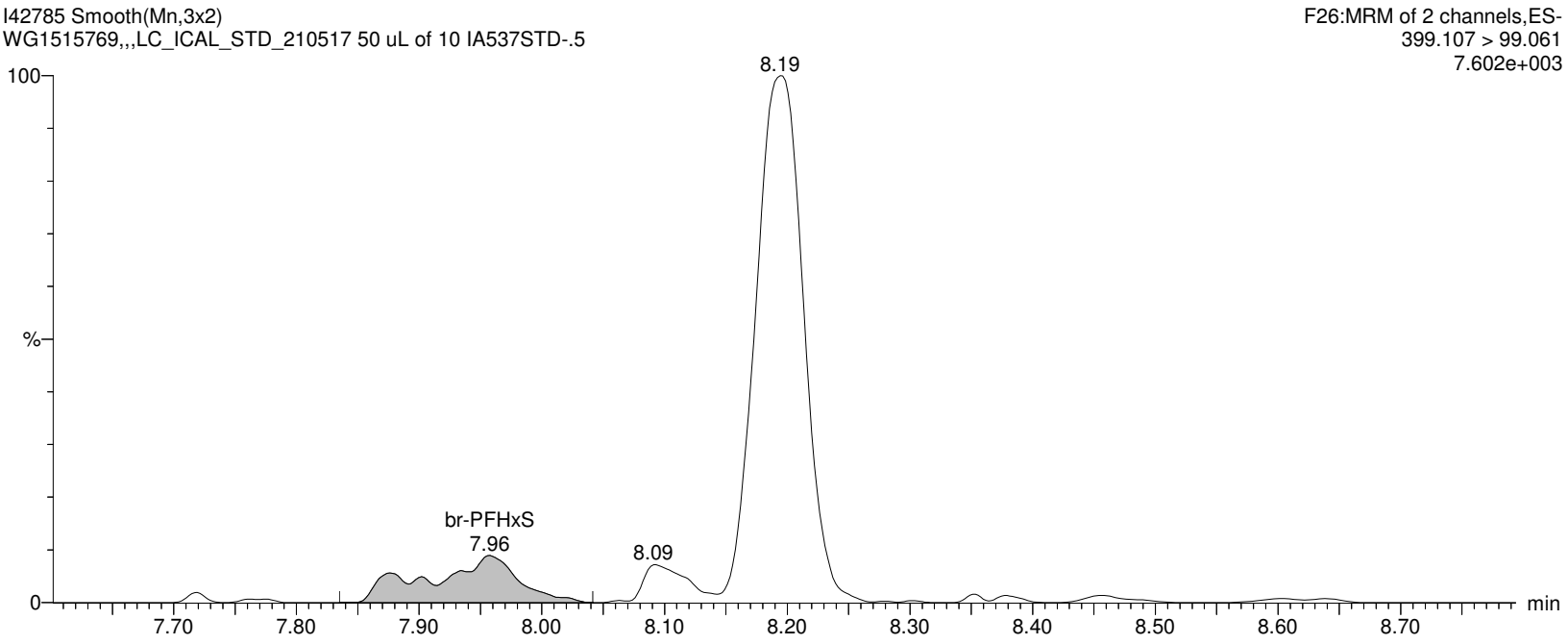
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFHxS



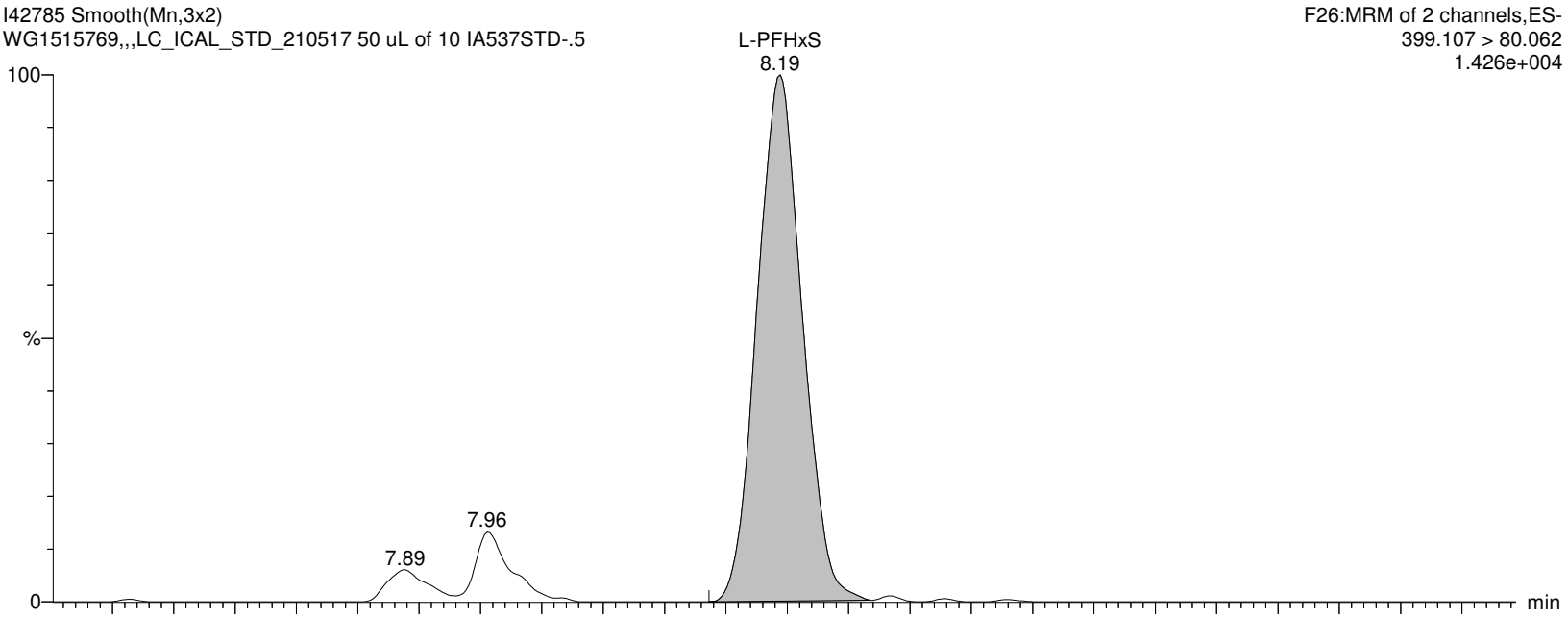


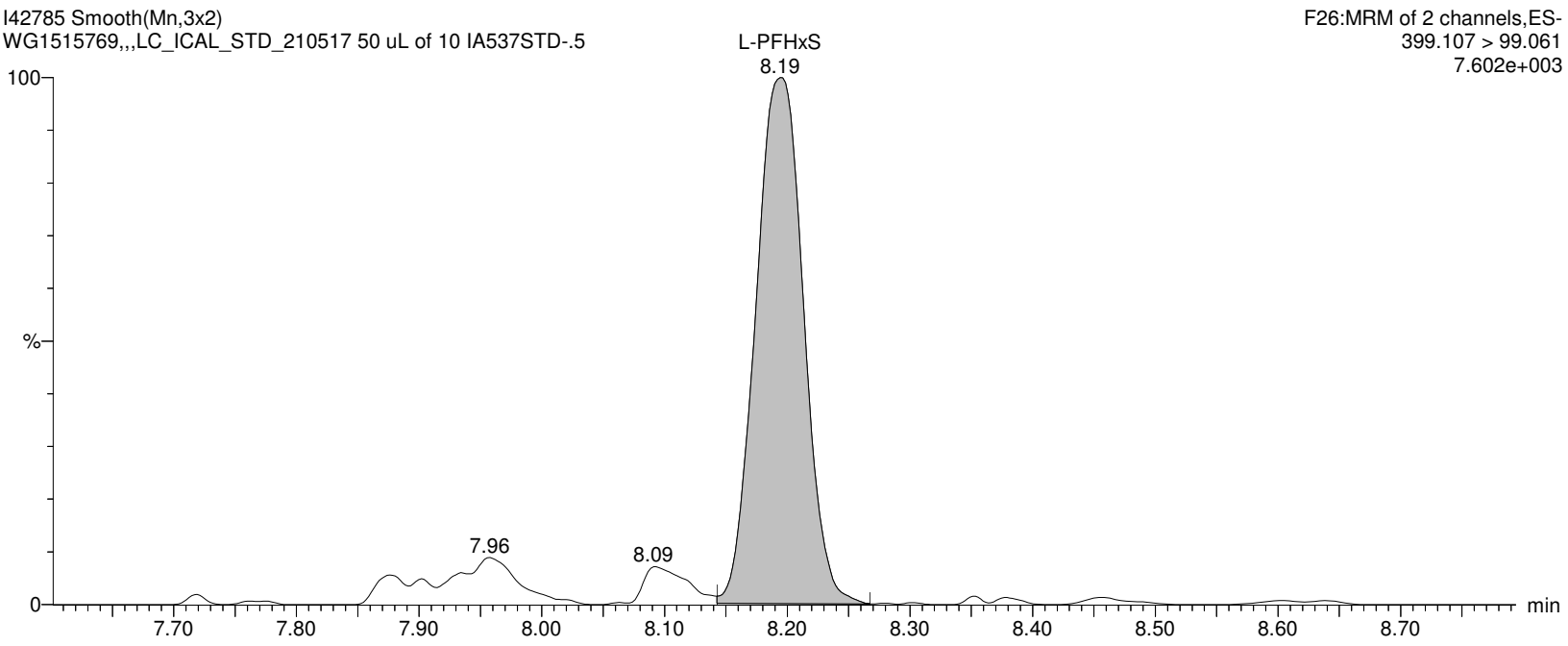
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFHxS



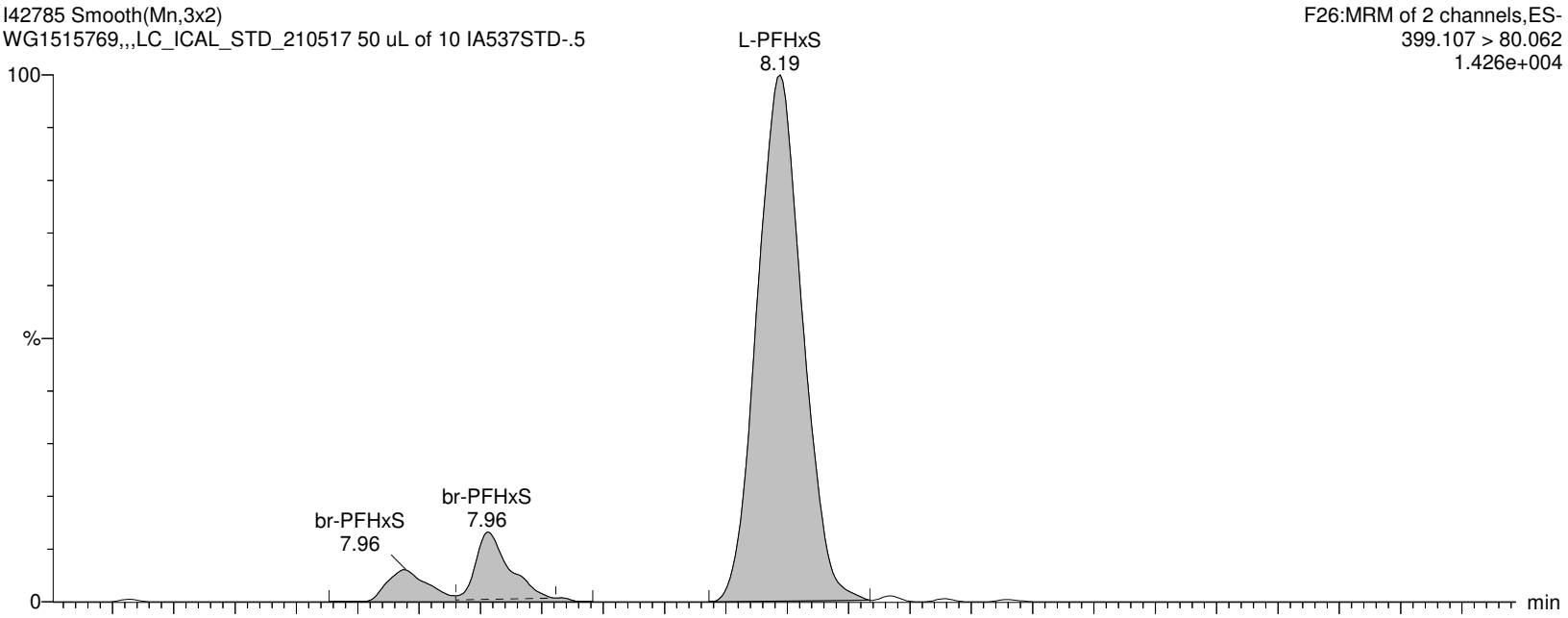


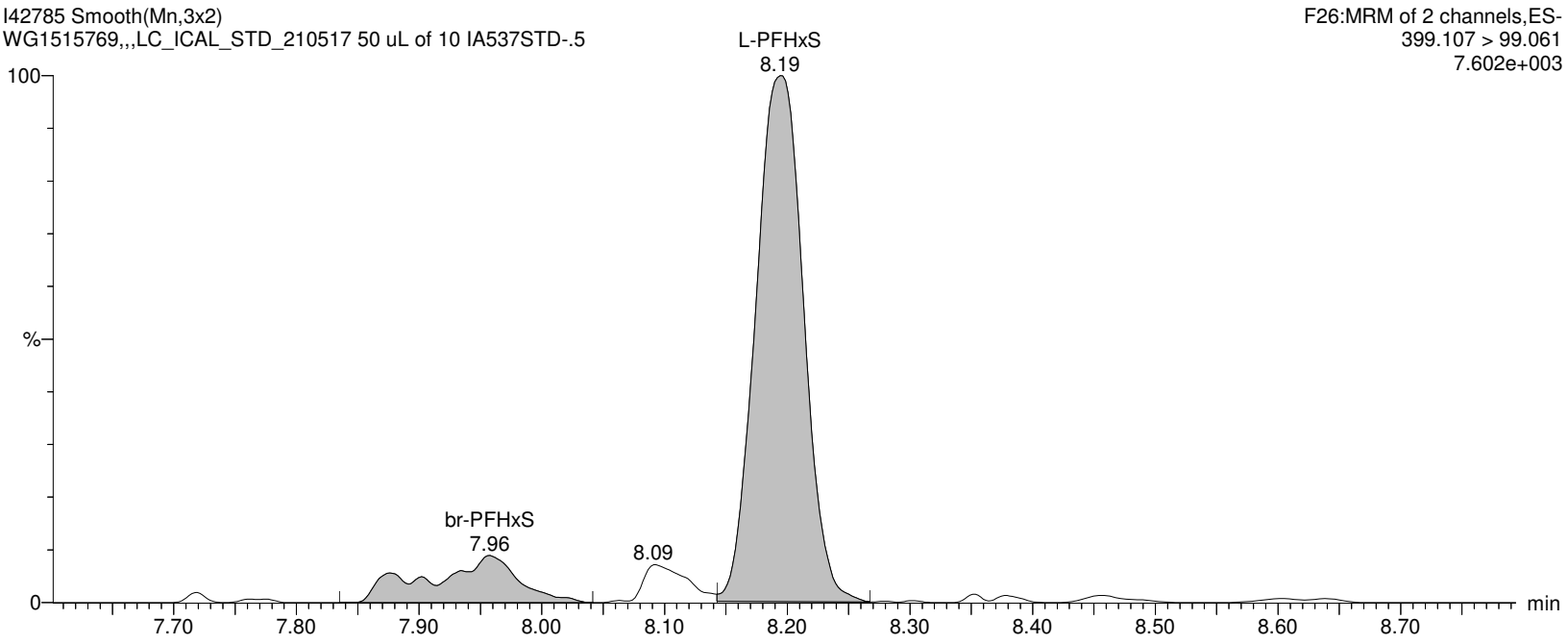
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxS



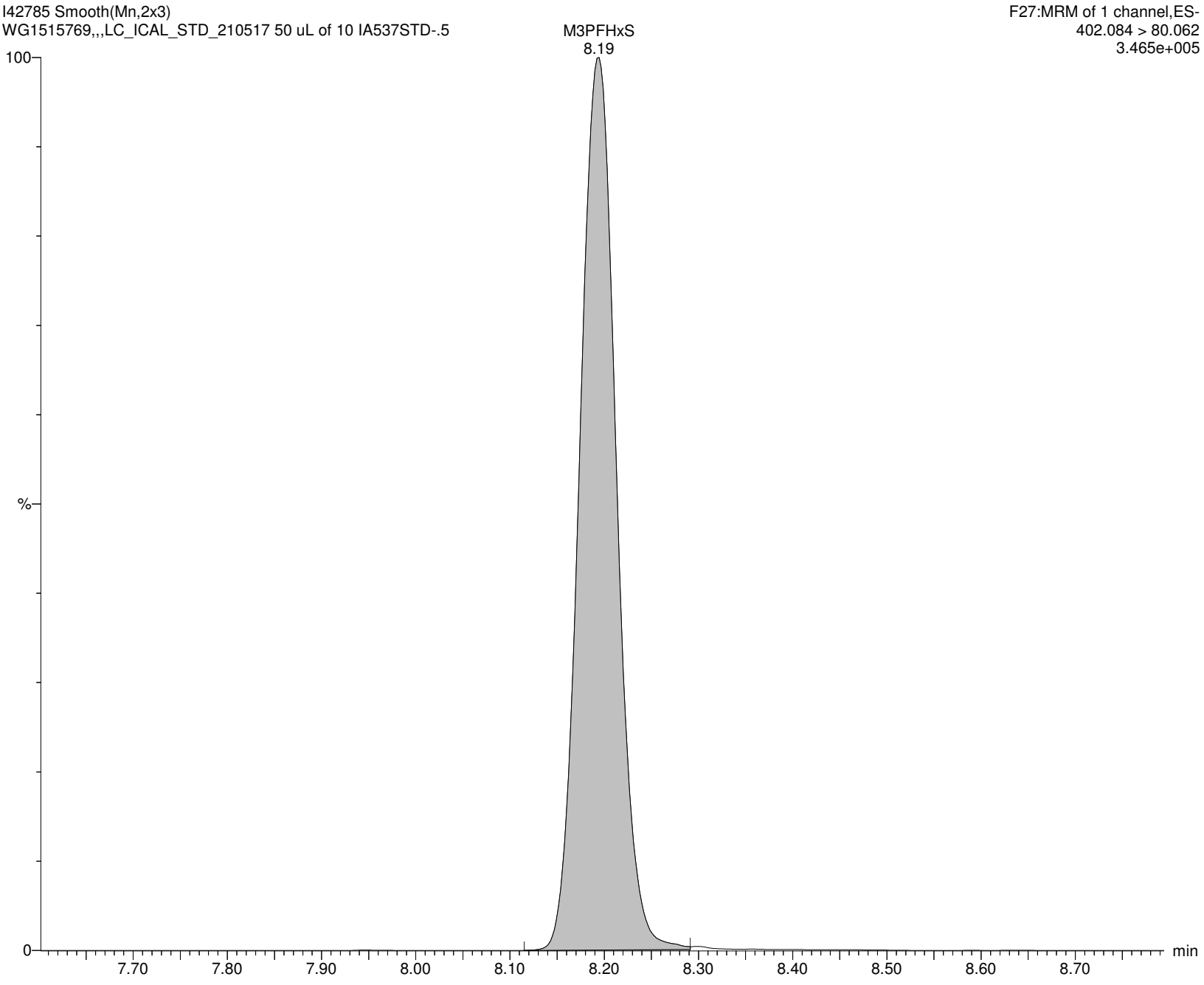


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFHxS

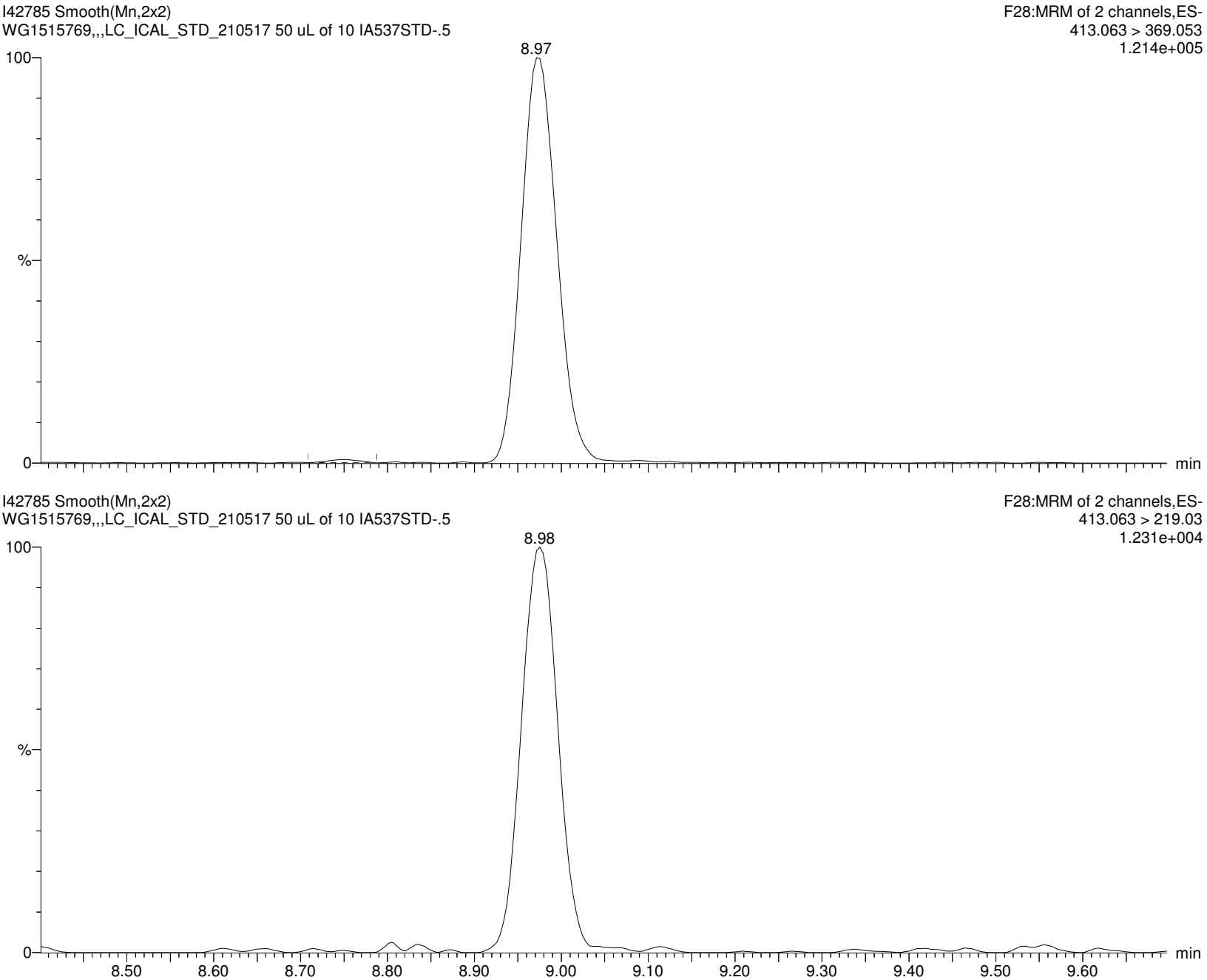


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOA

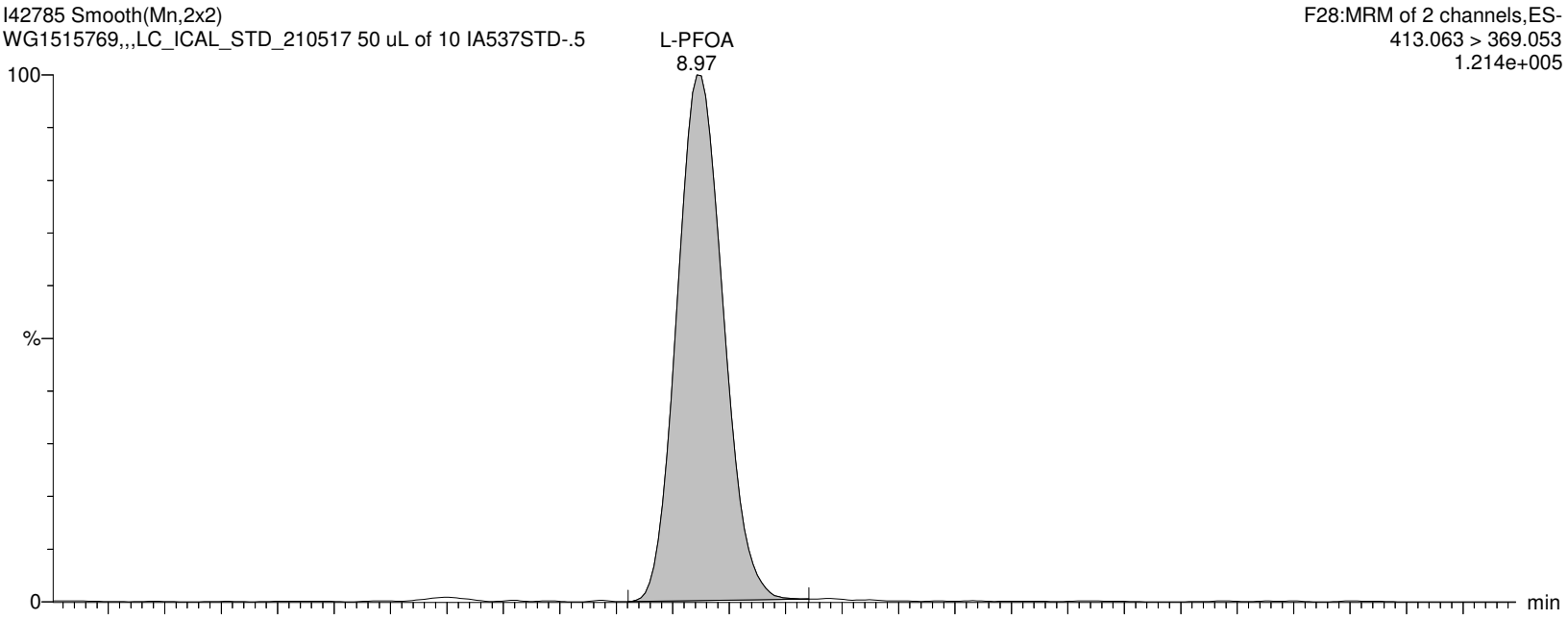


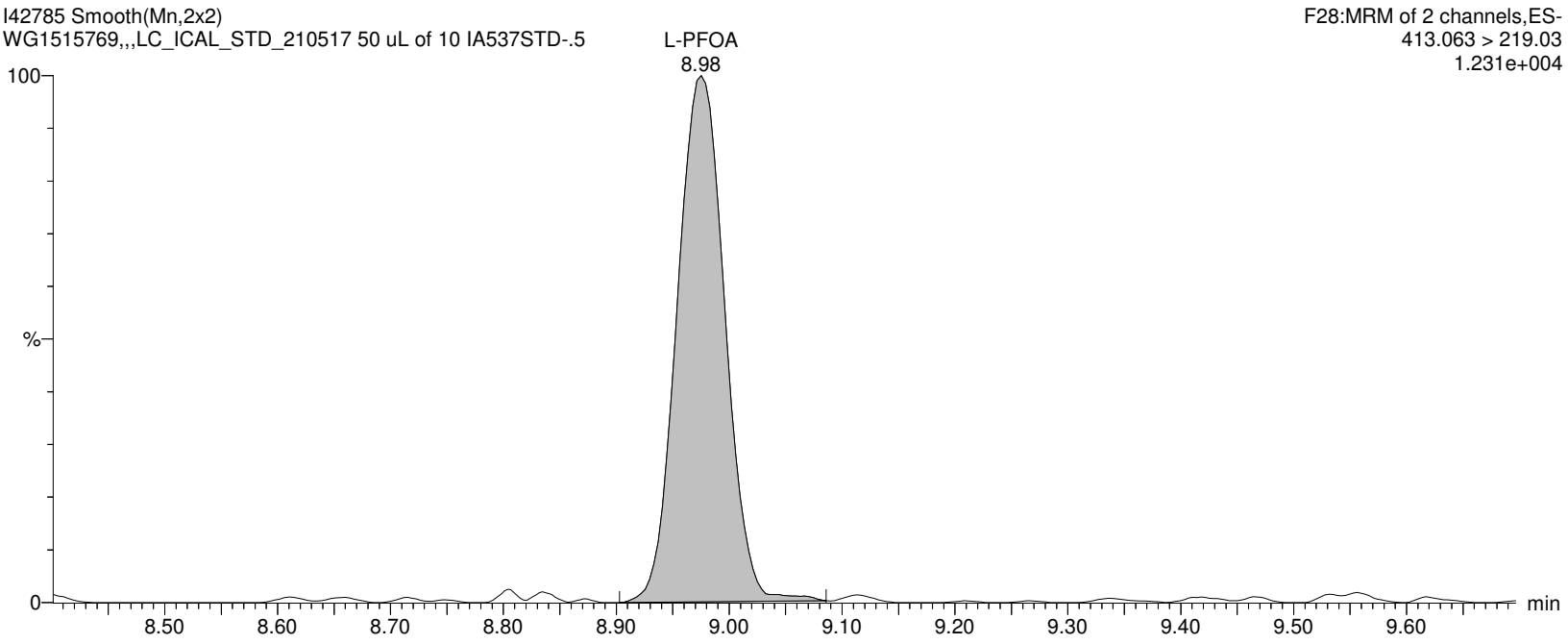
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOA



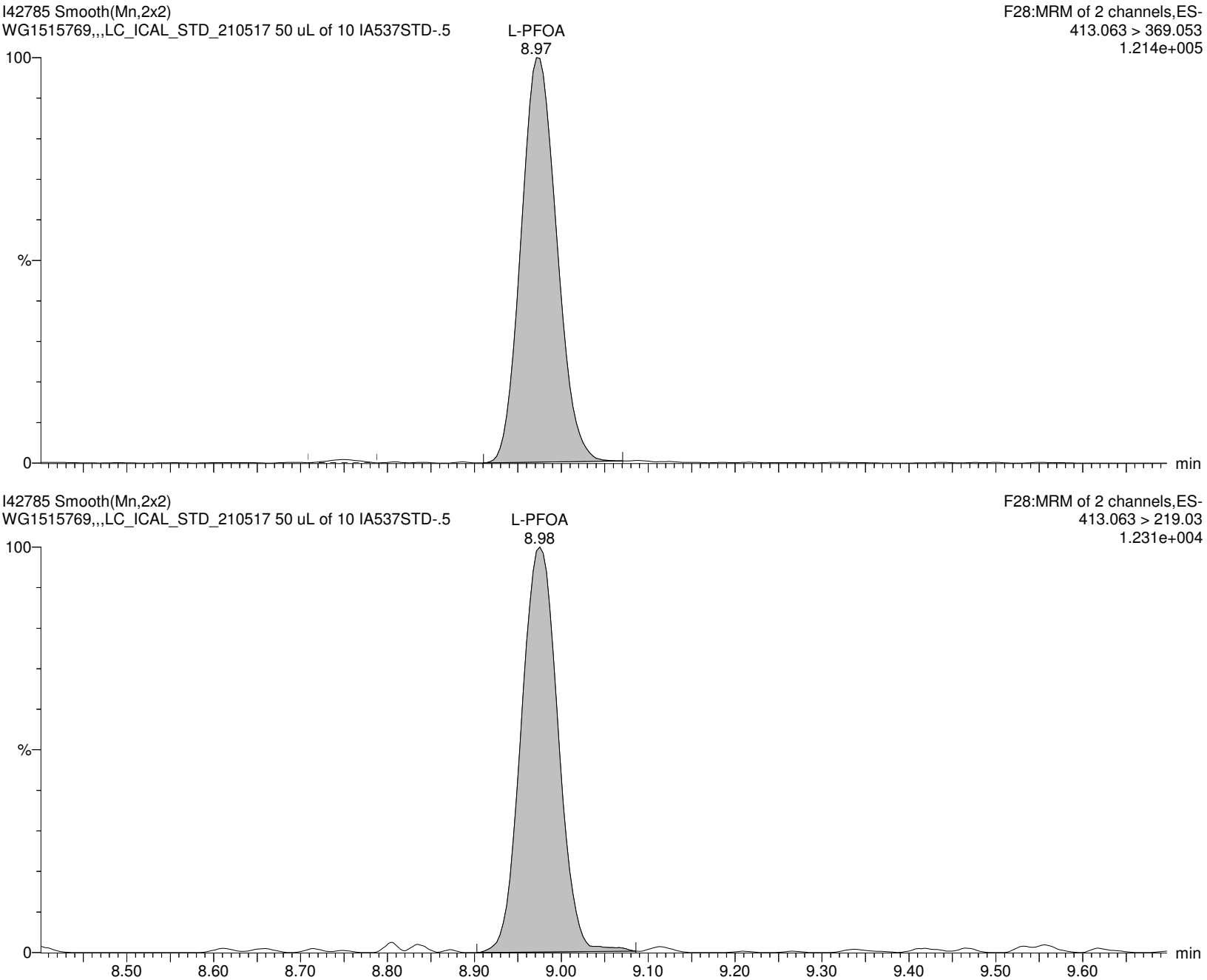


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOA

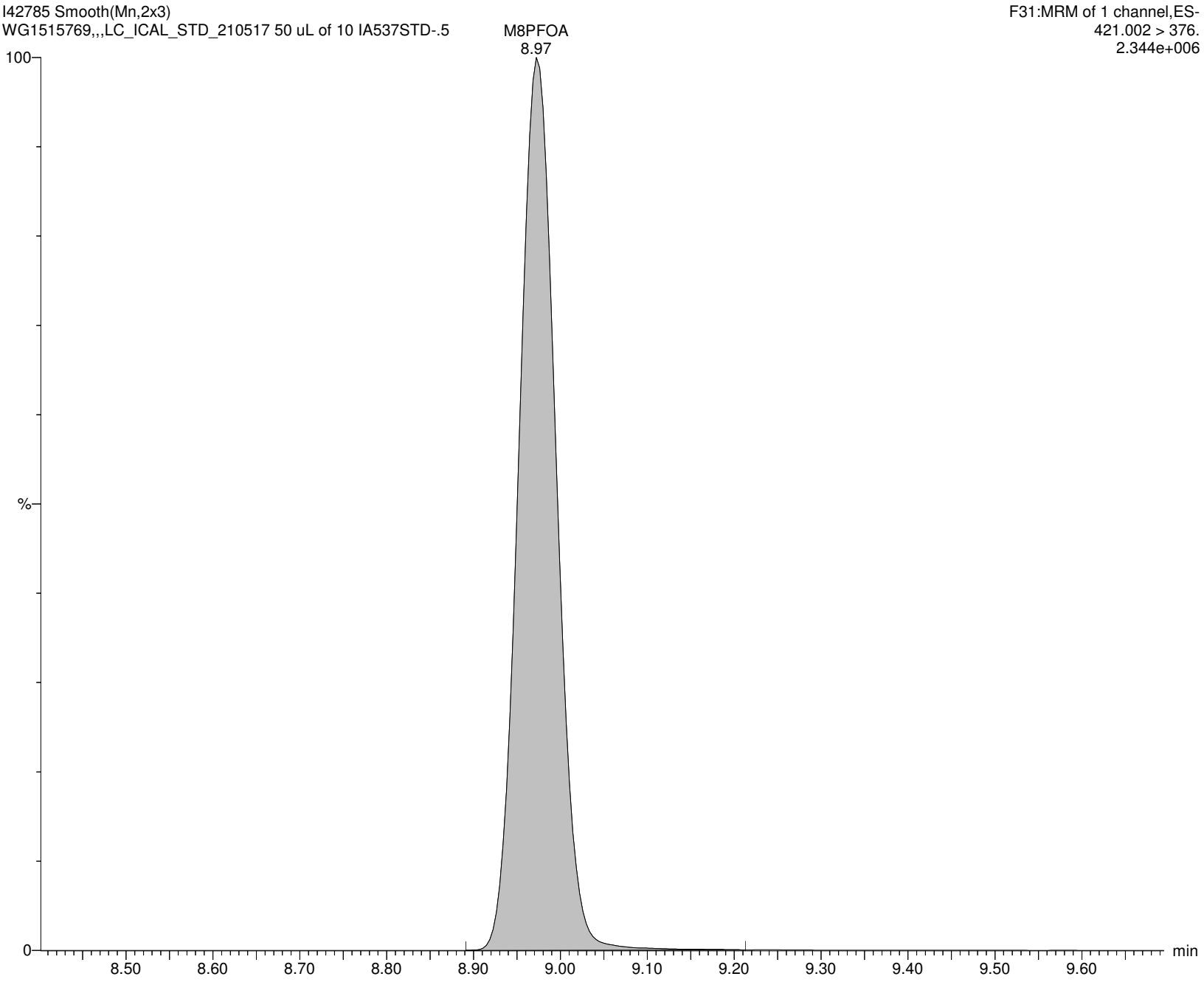


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOA

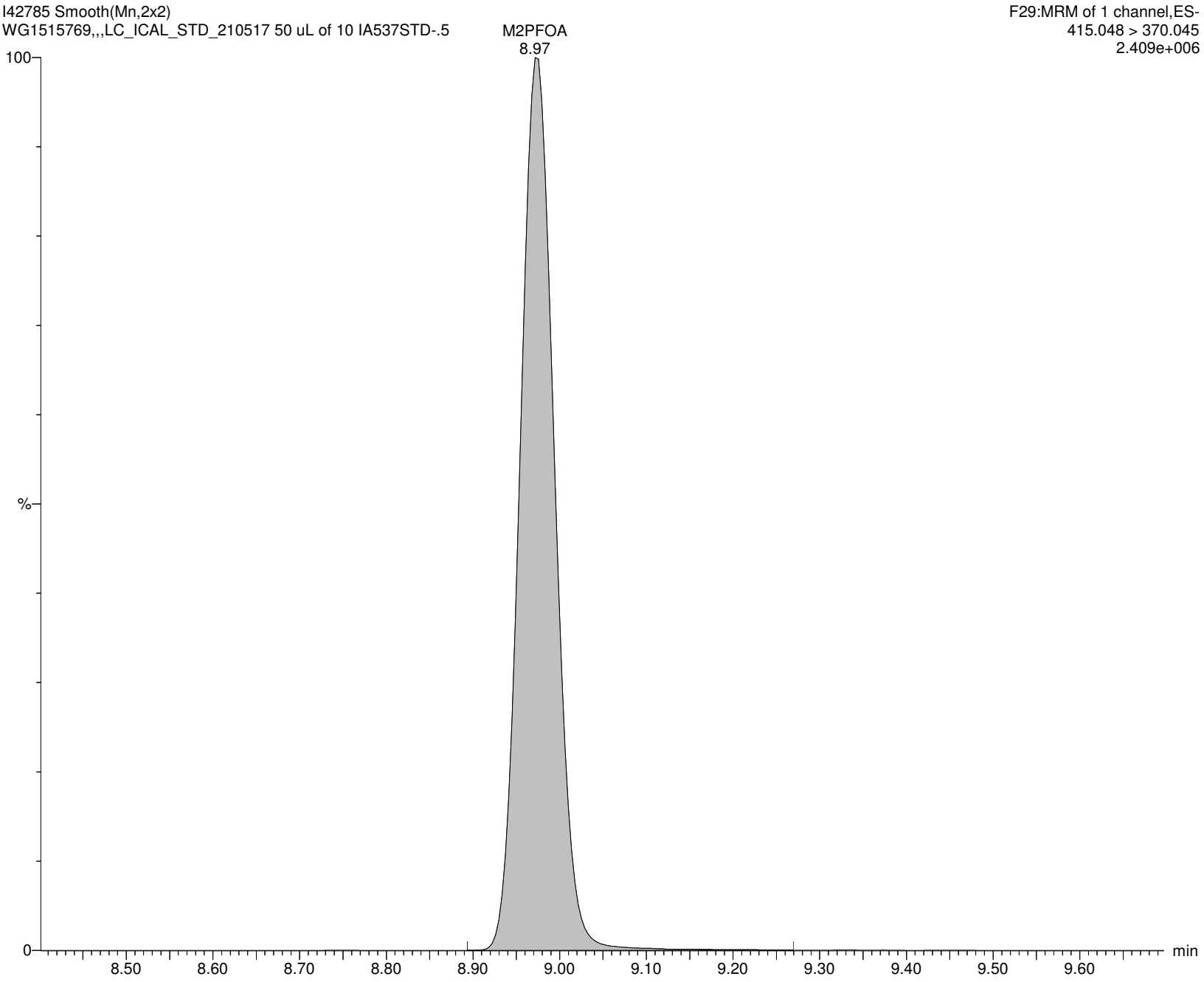


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFOA

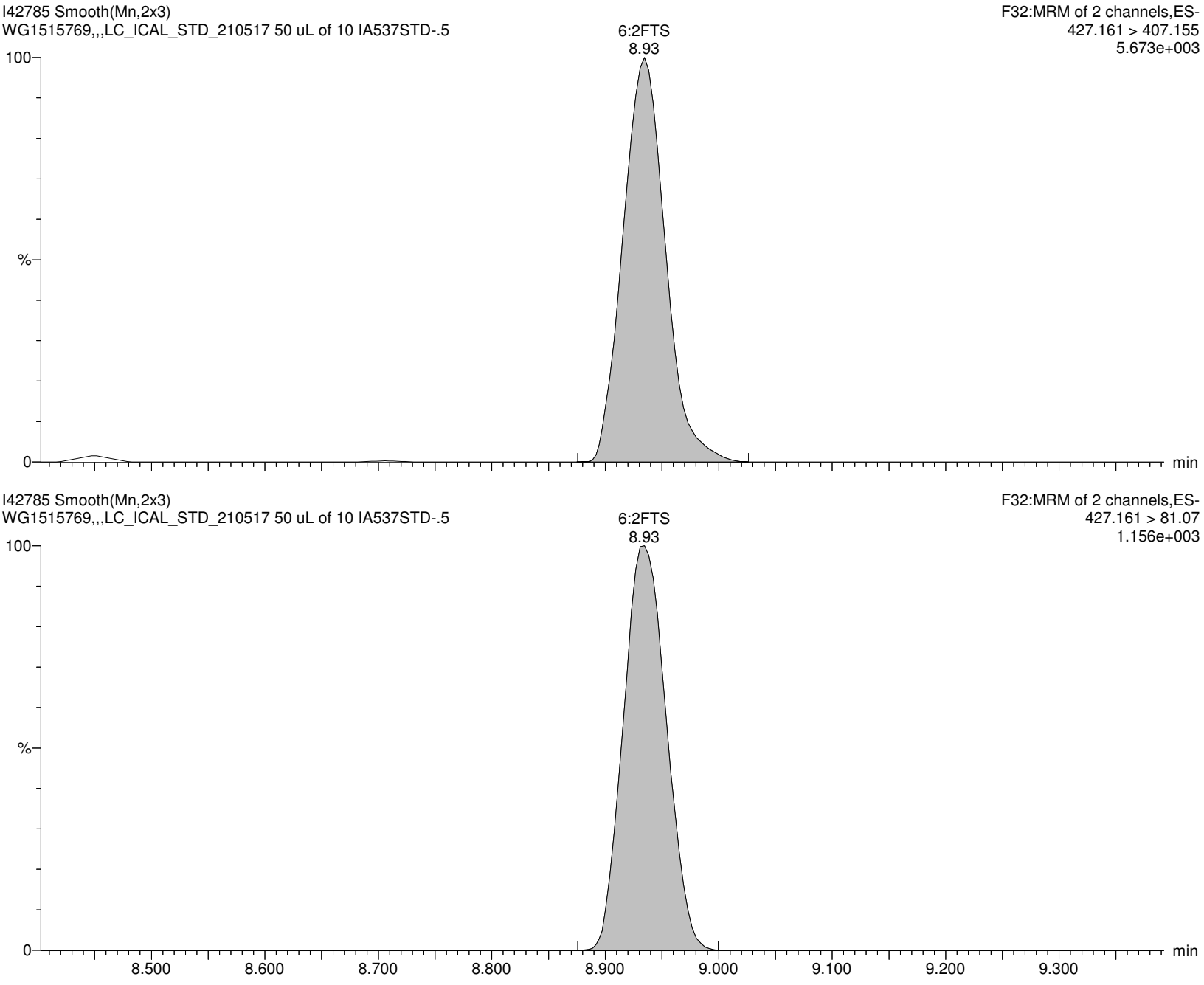


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

6:2FTS

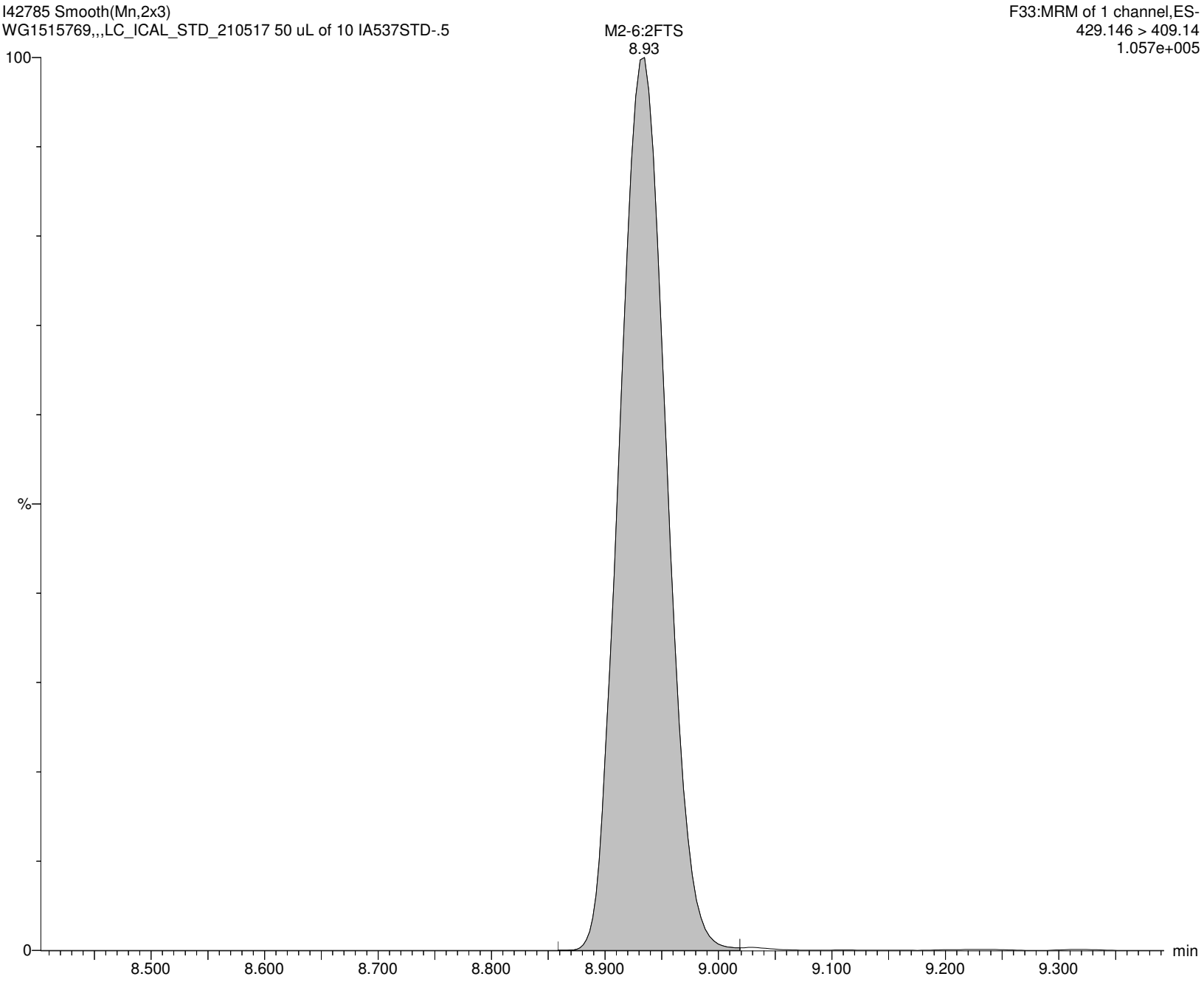


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-6:2FTS

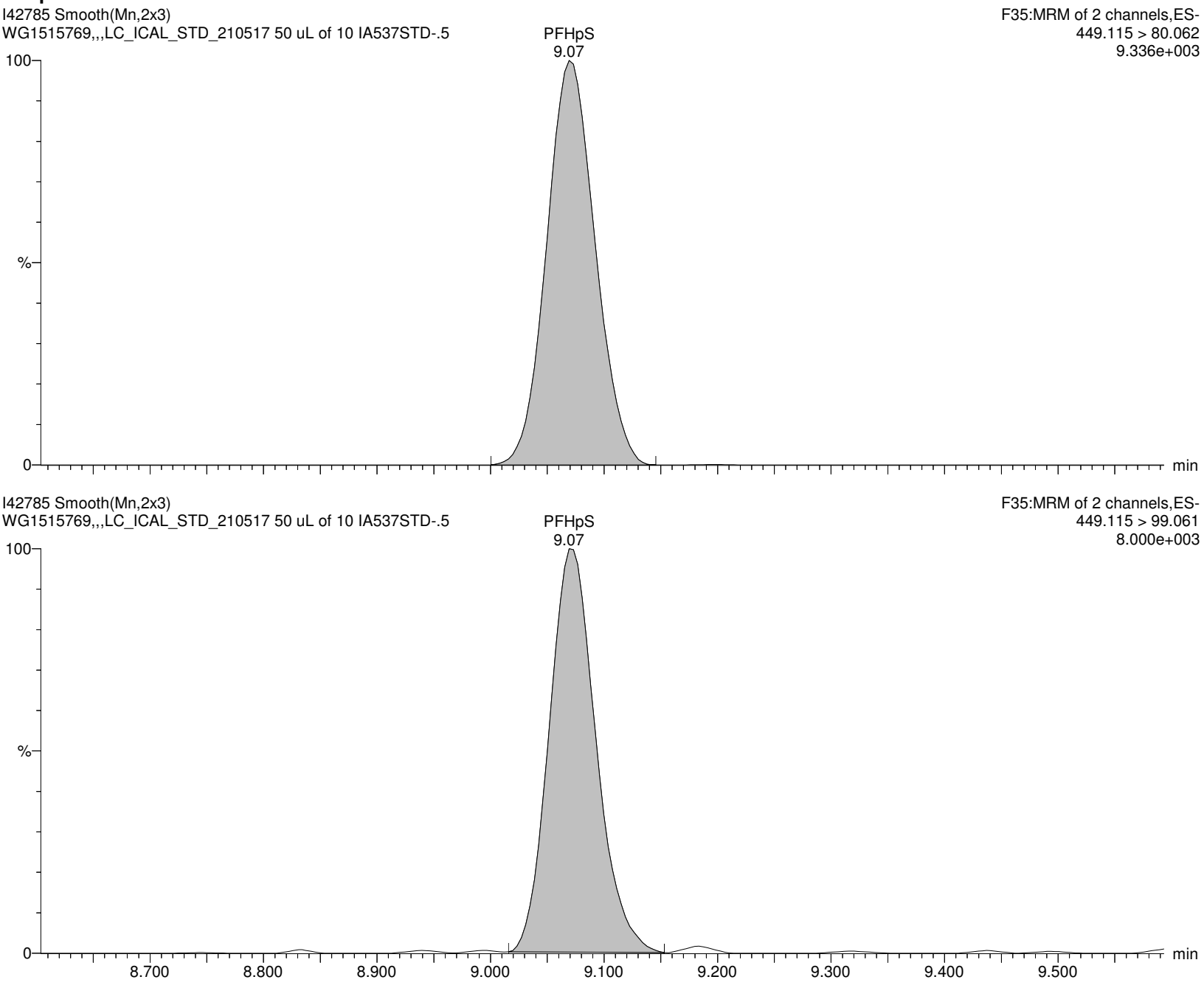


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpS

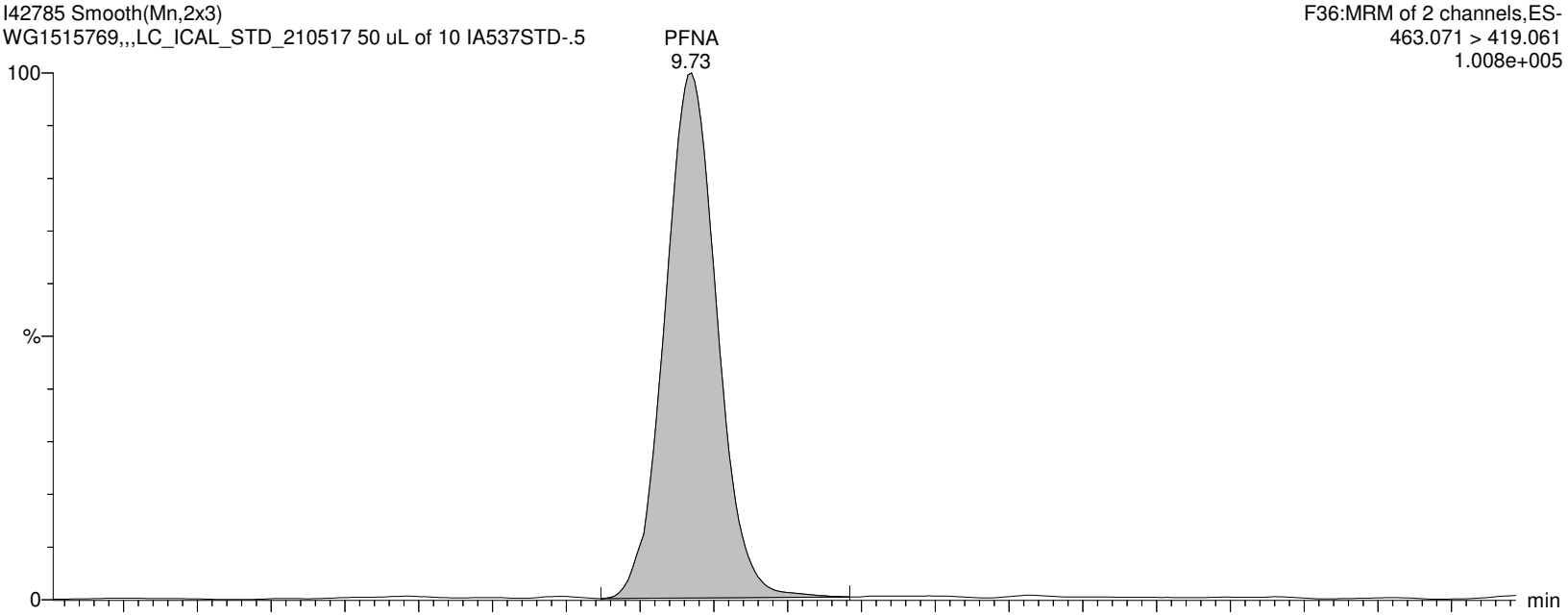


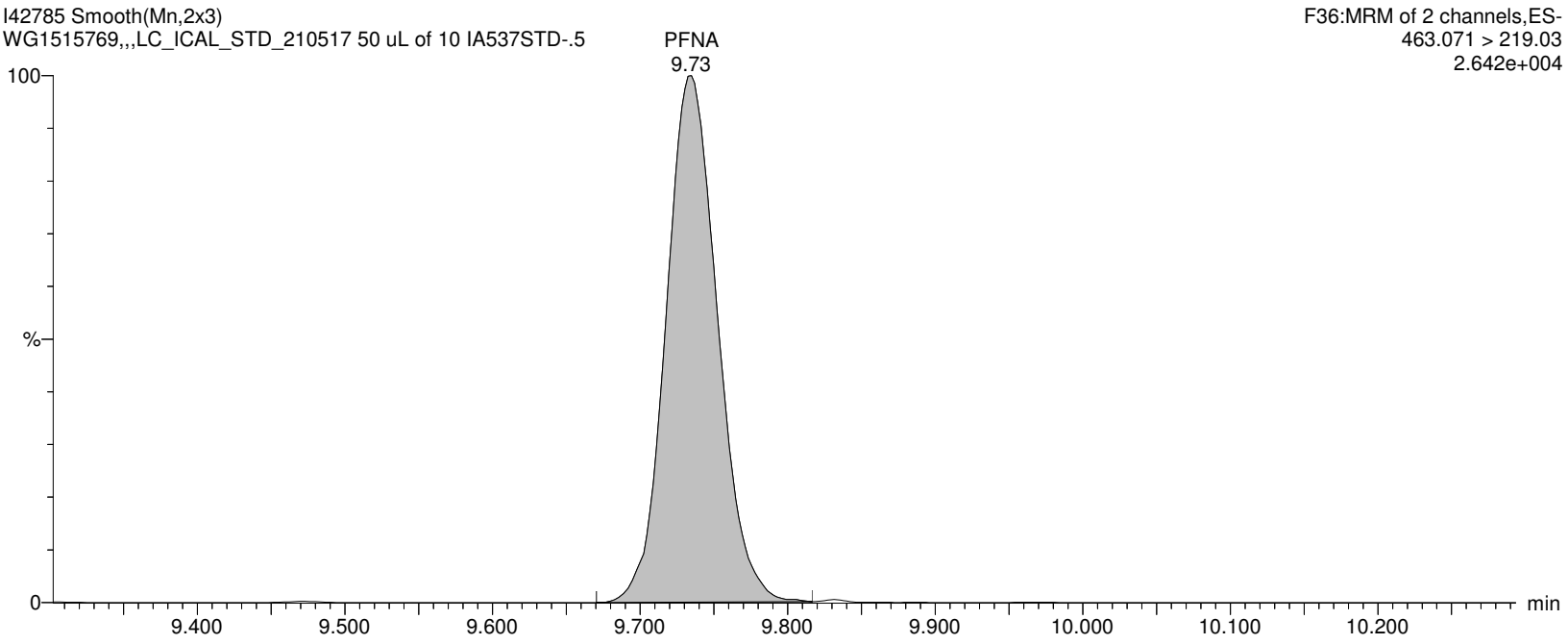
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNA



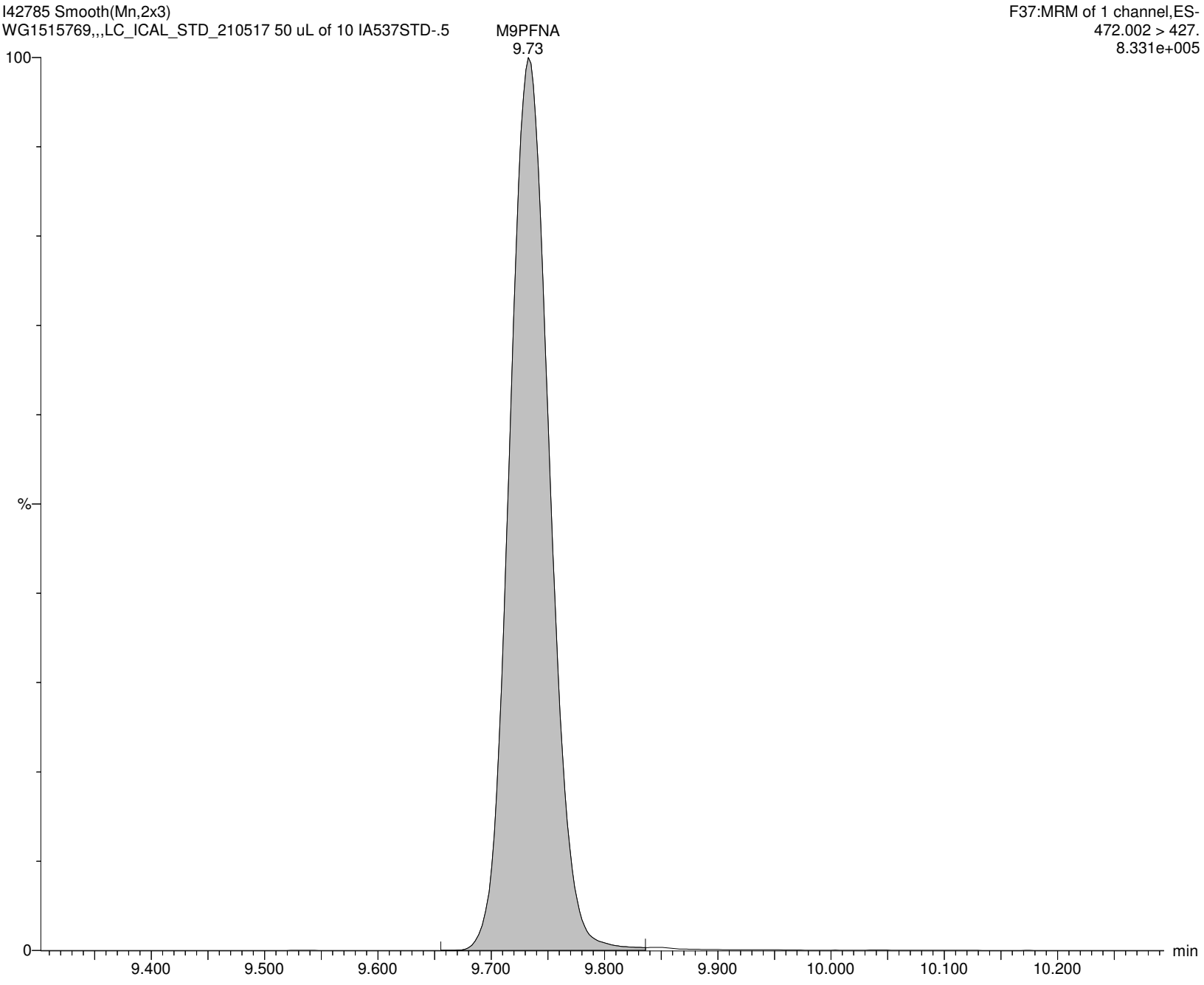


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M9PFNA

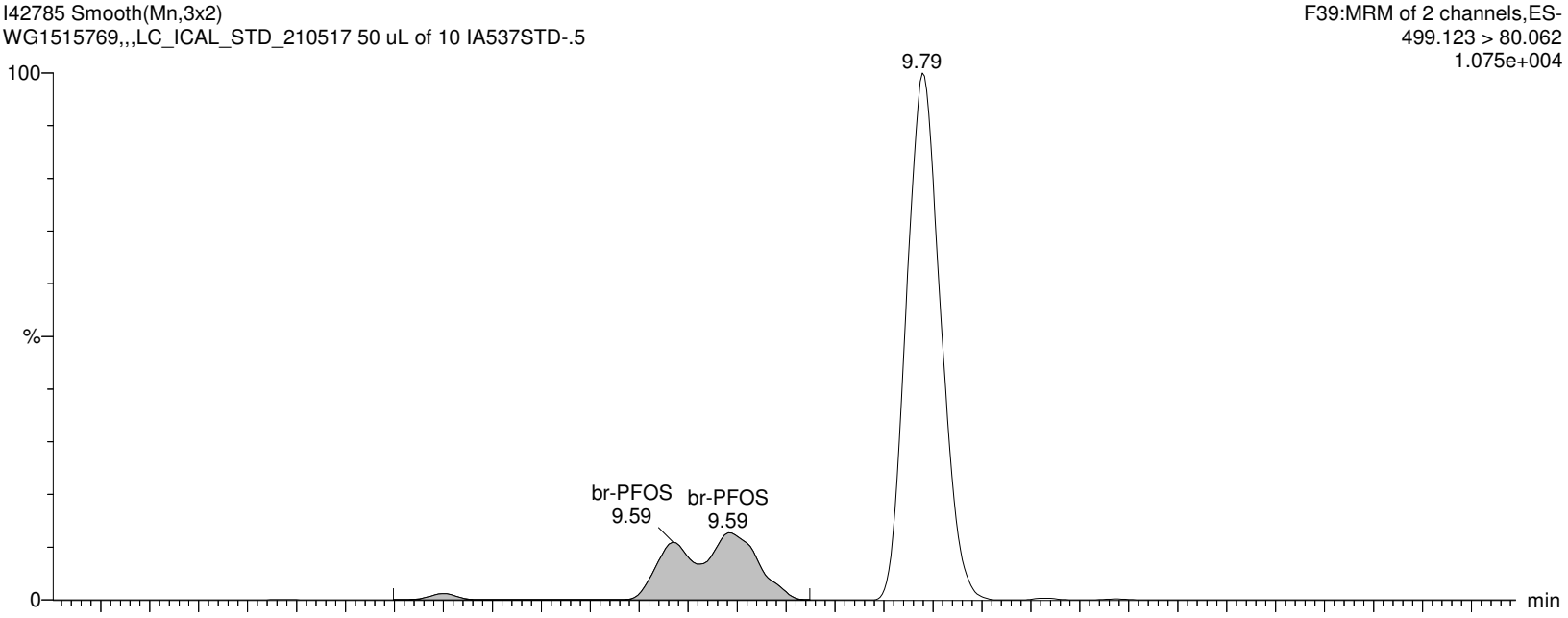


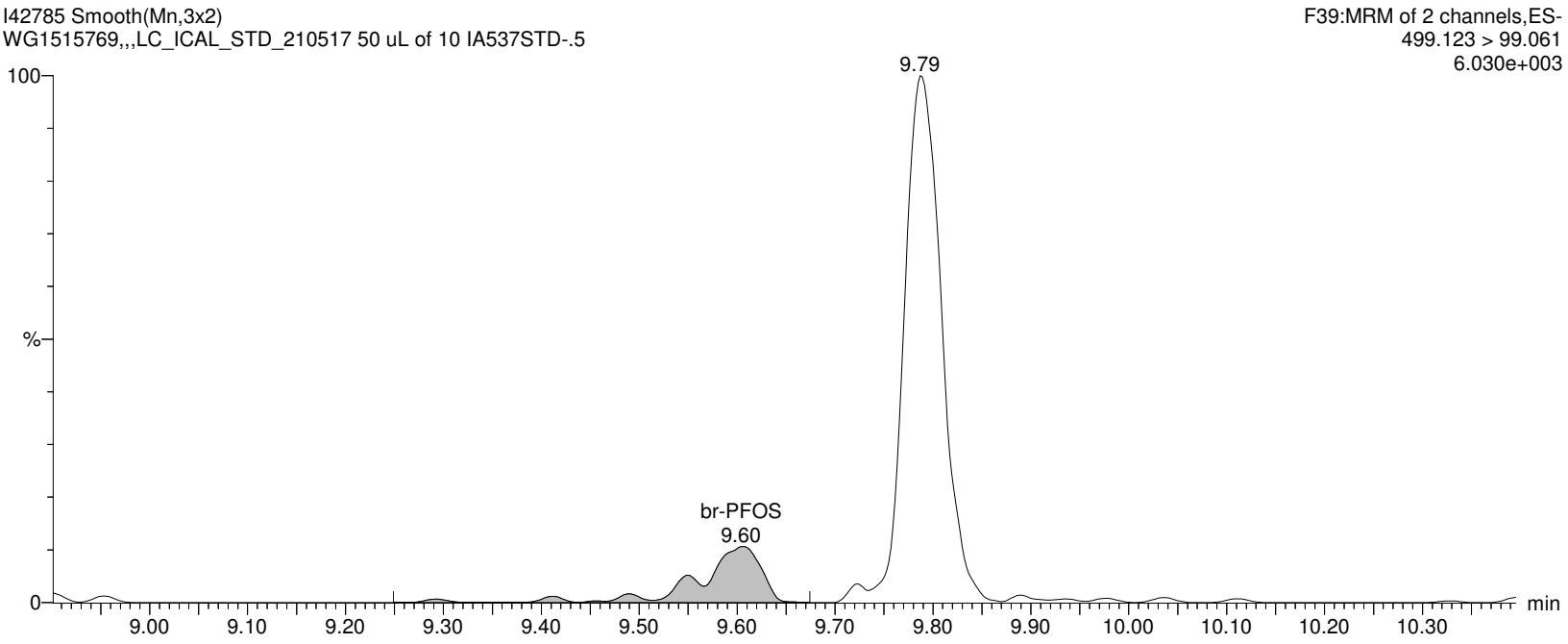
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOS



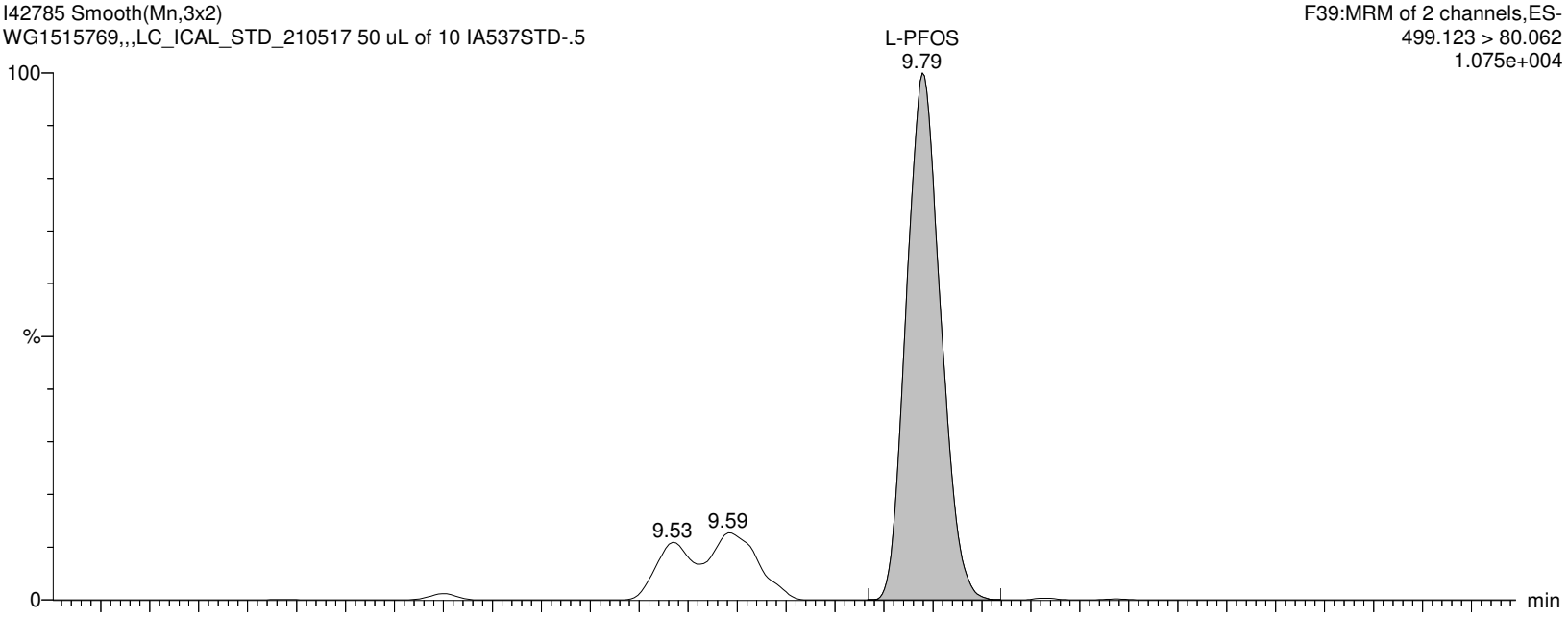


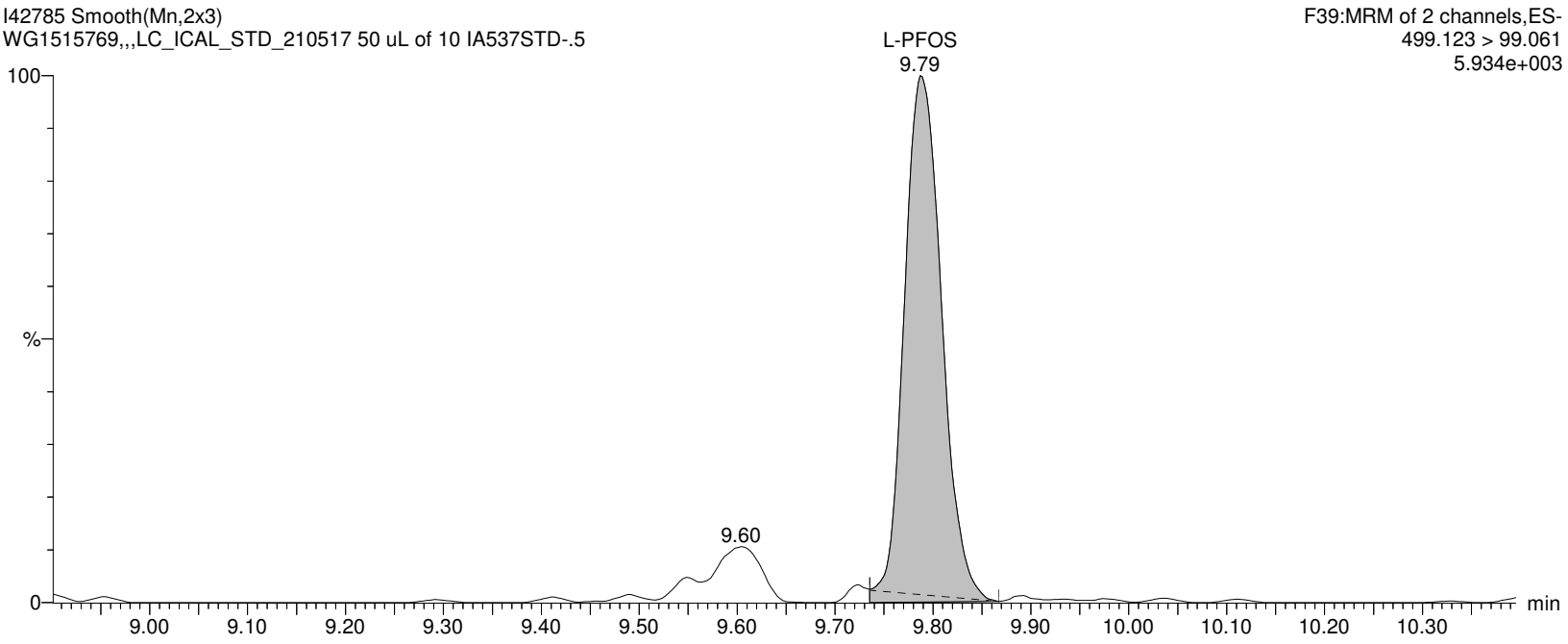
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOS



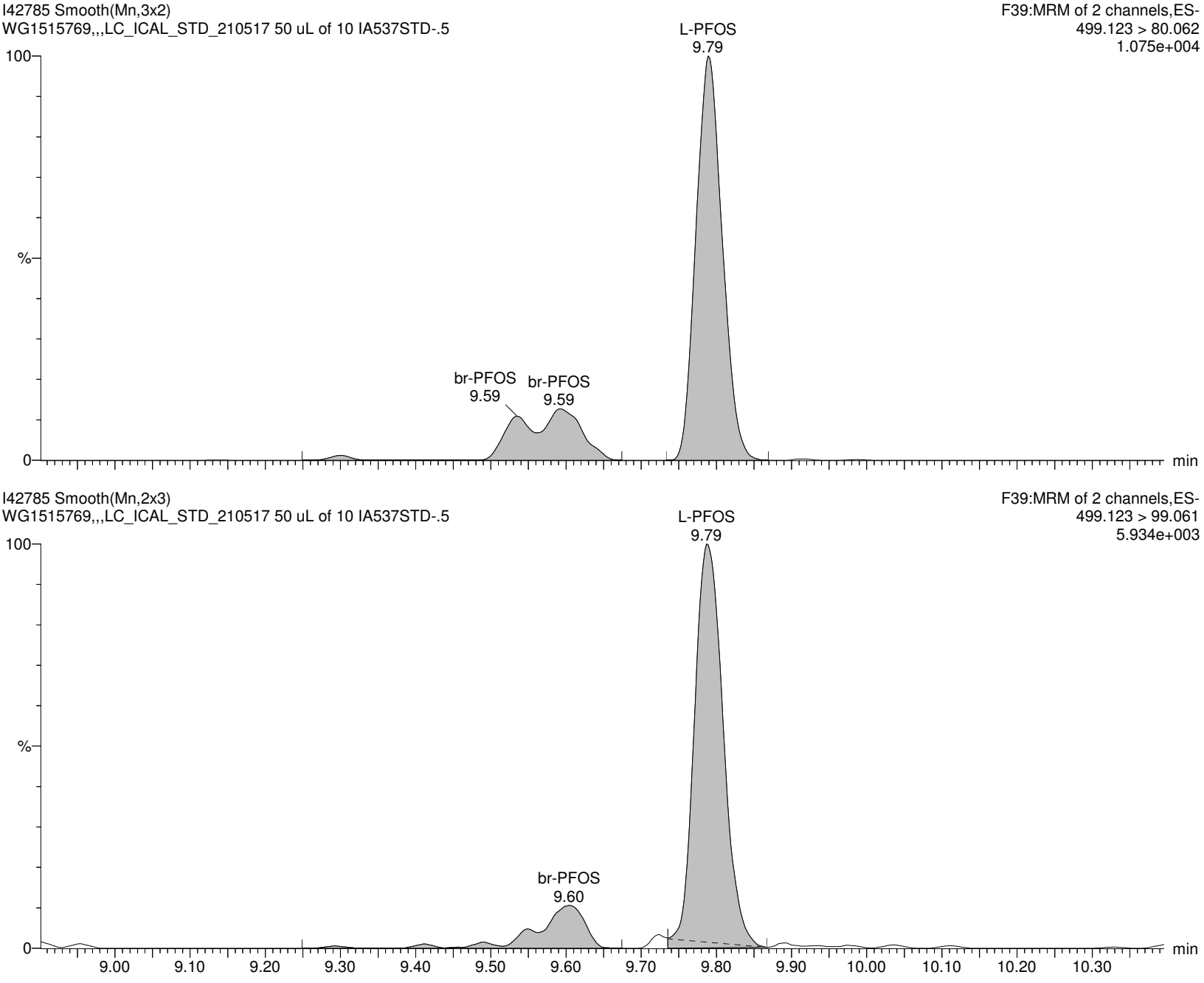


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOS

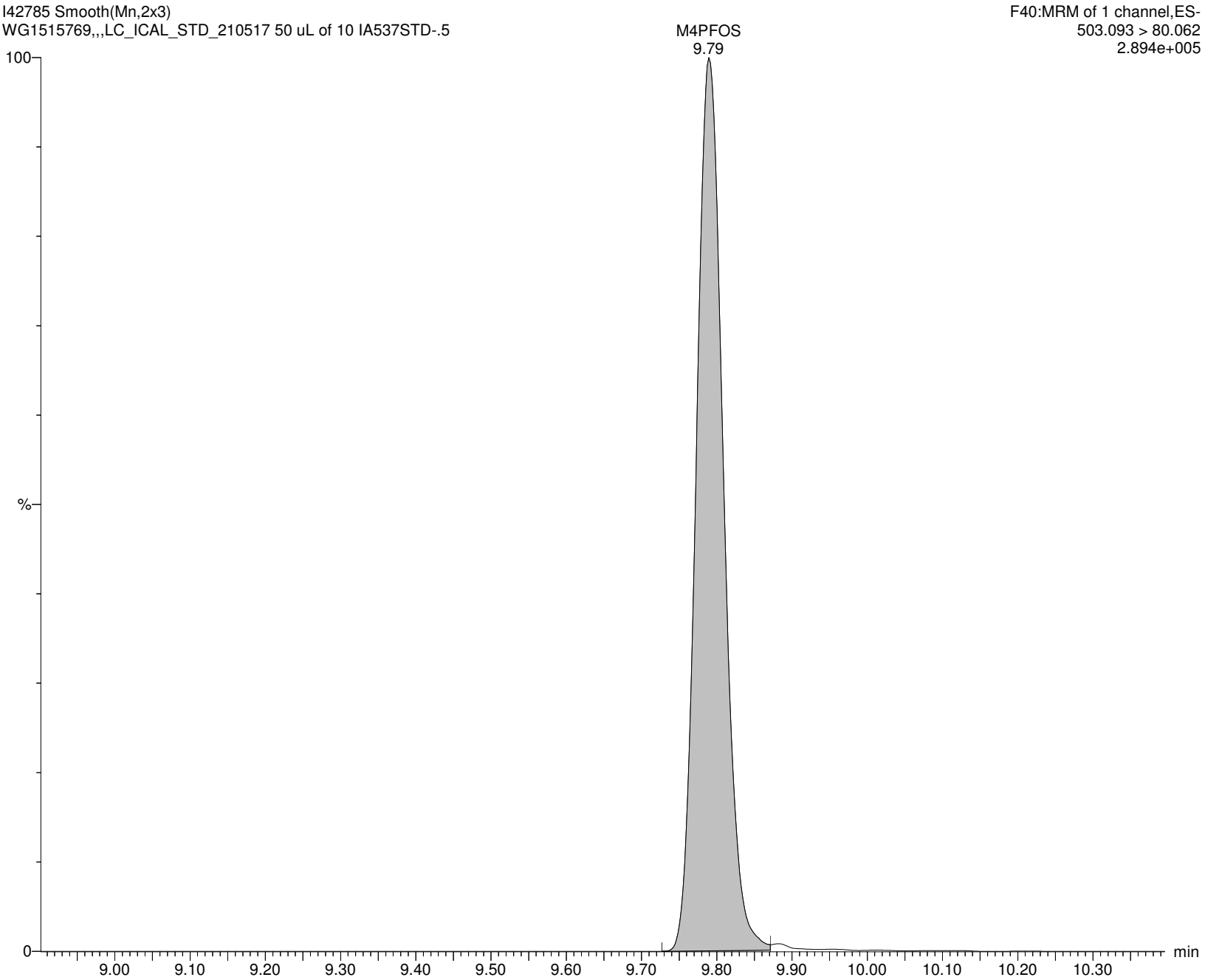


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOS

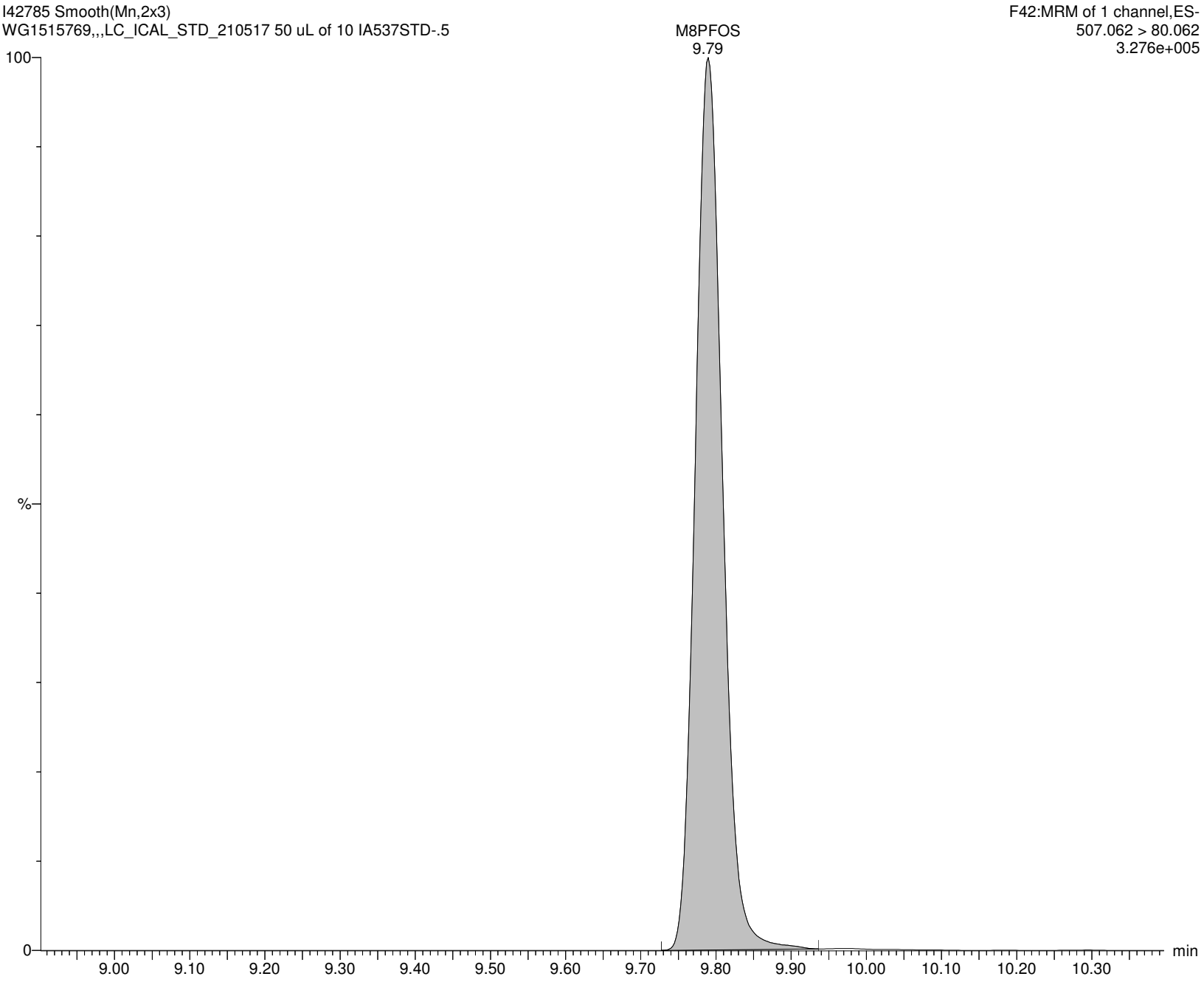


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOS

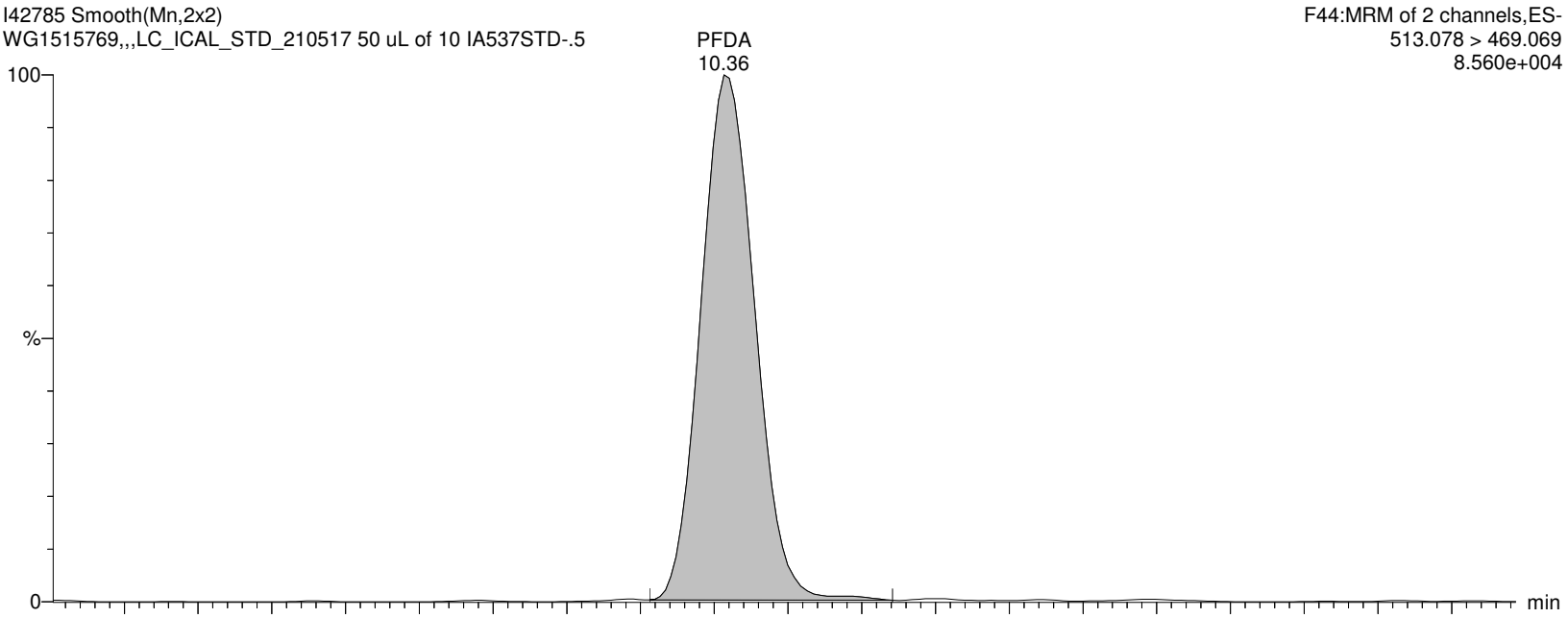


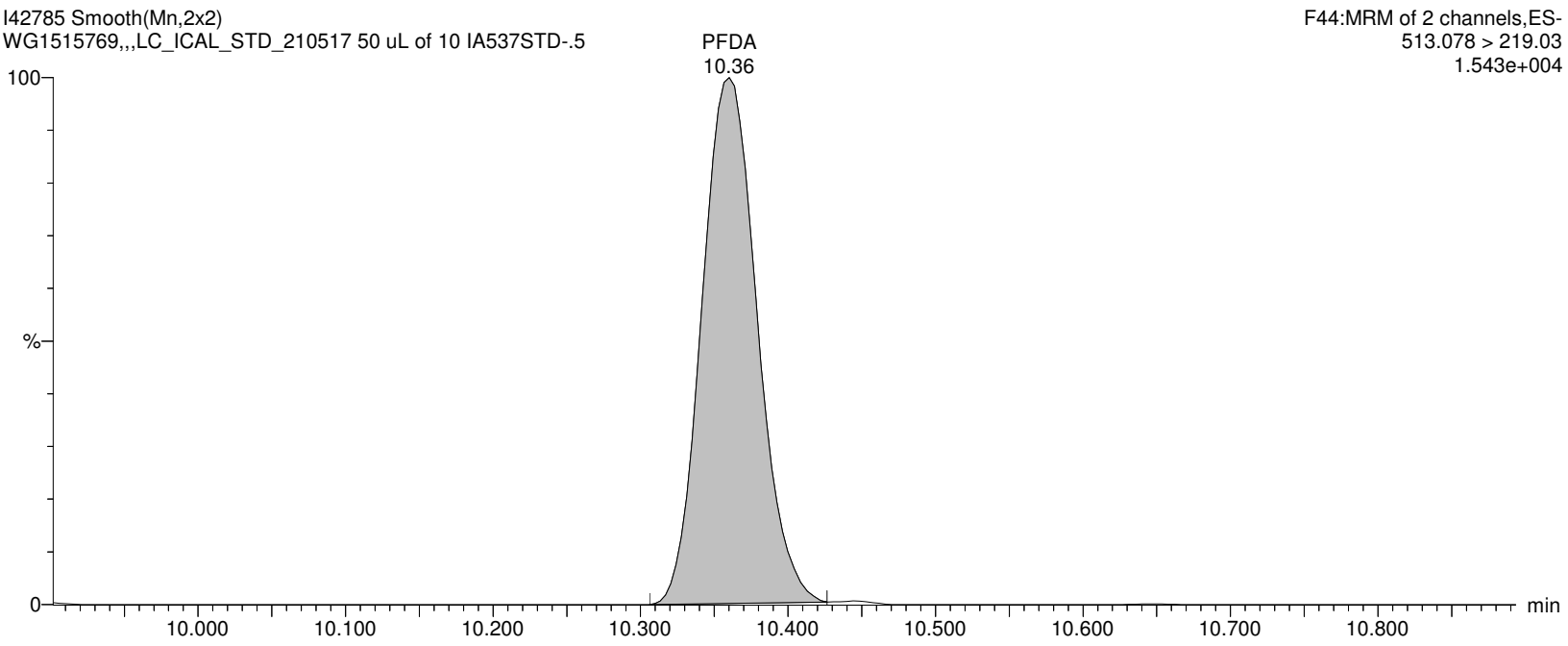
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDA



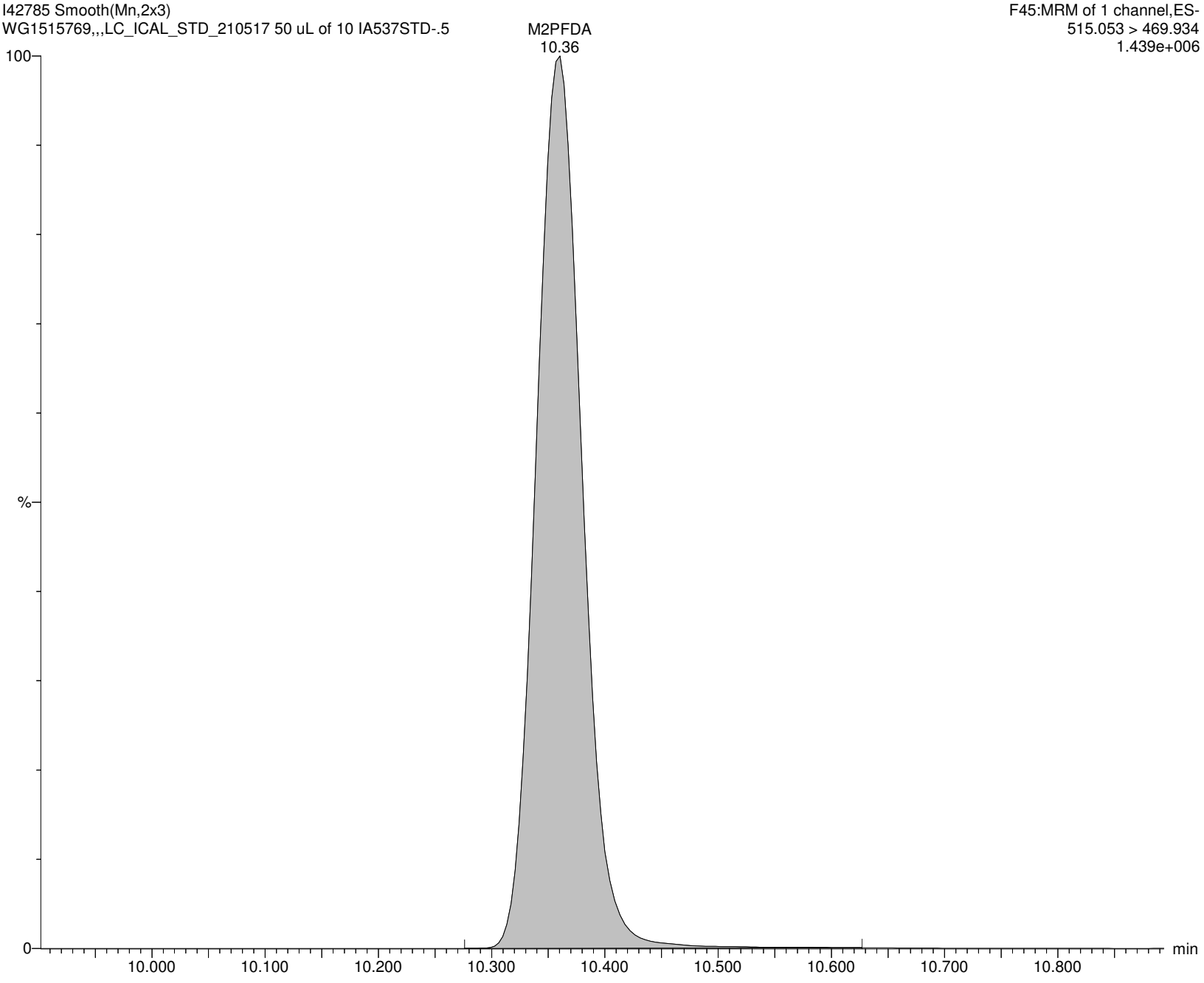


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFDA

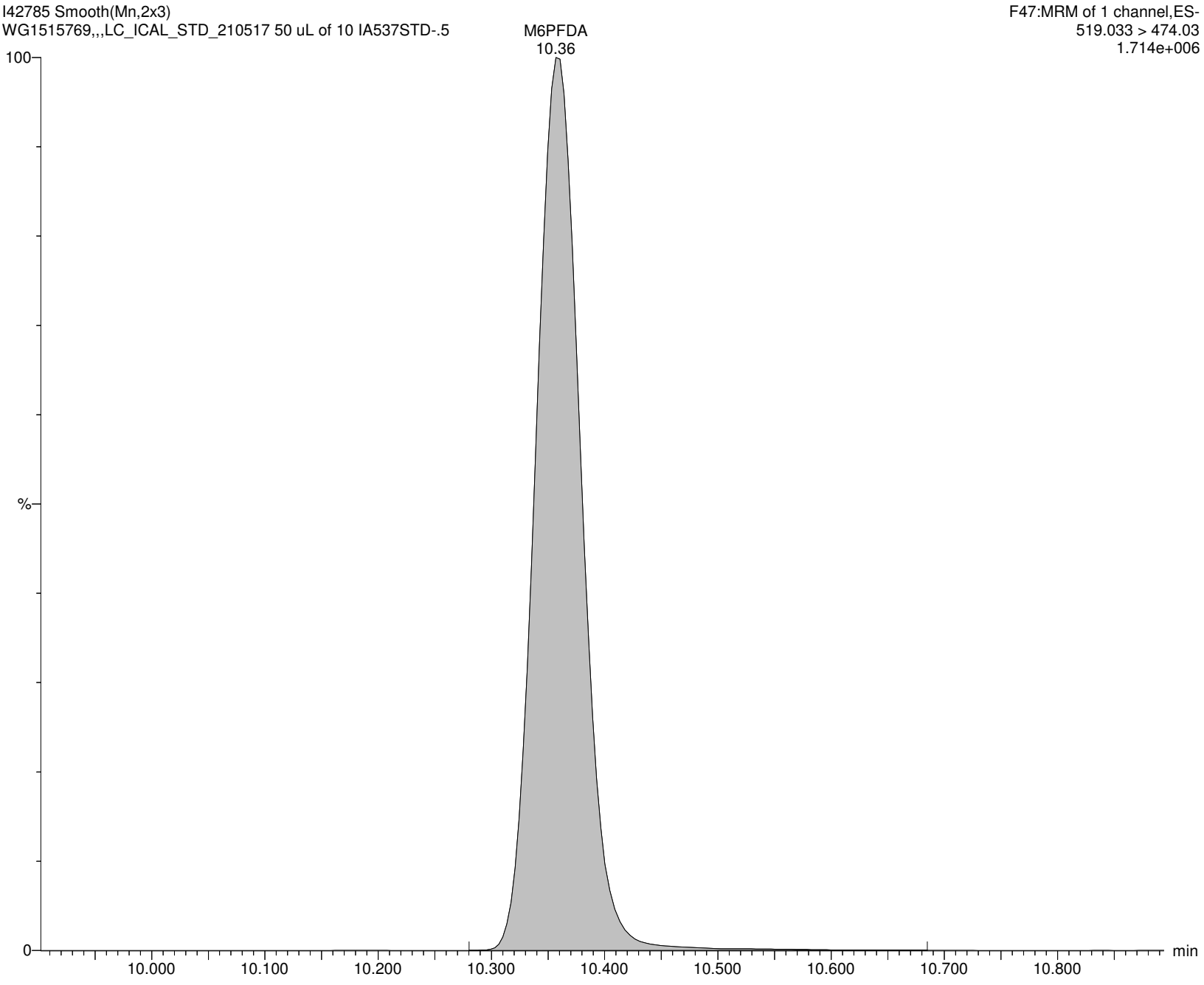


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M6PFDA

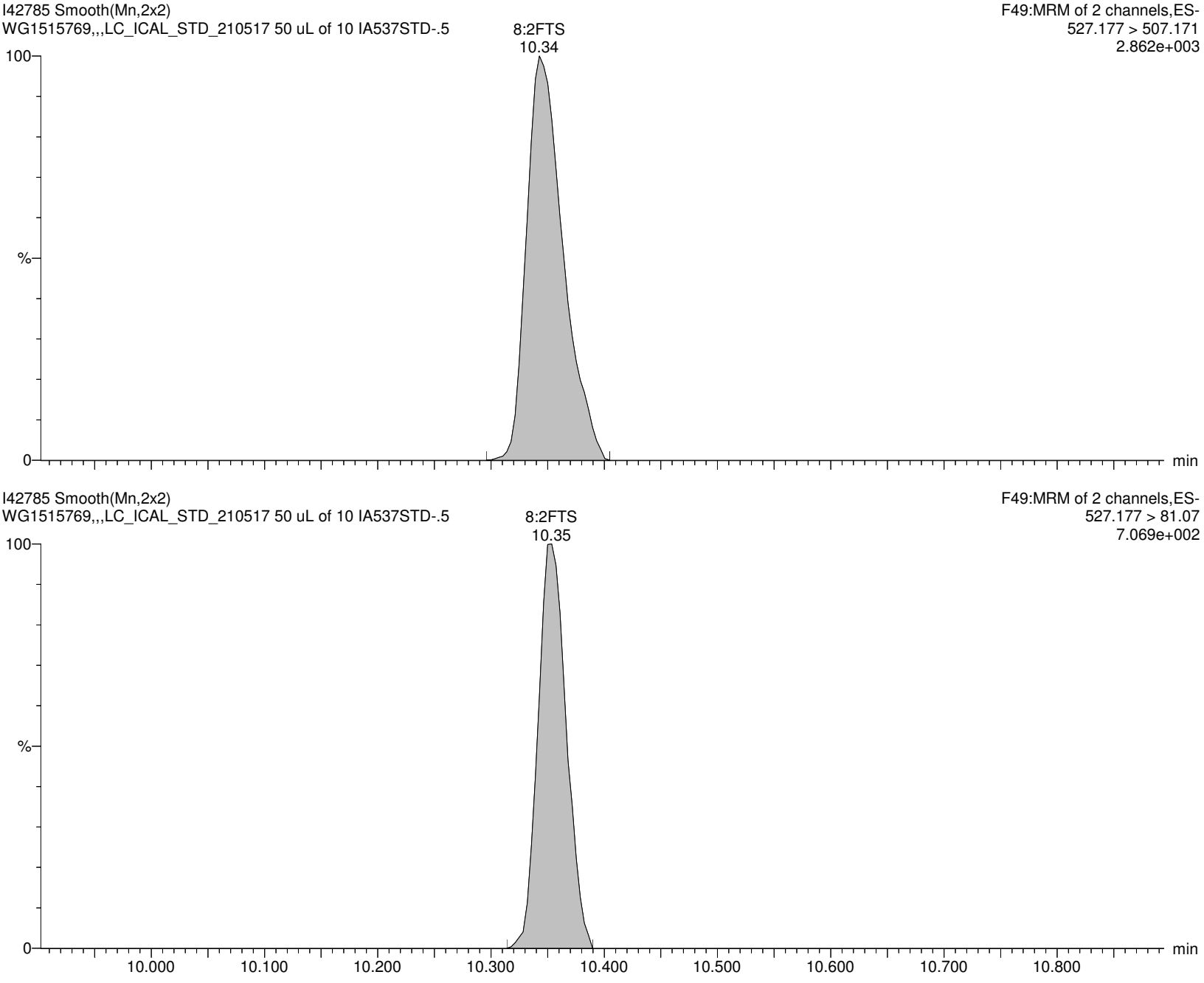


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

8:2FTS

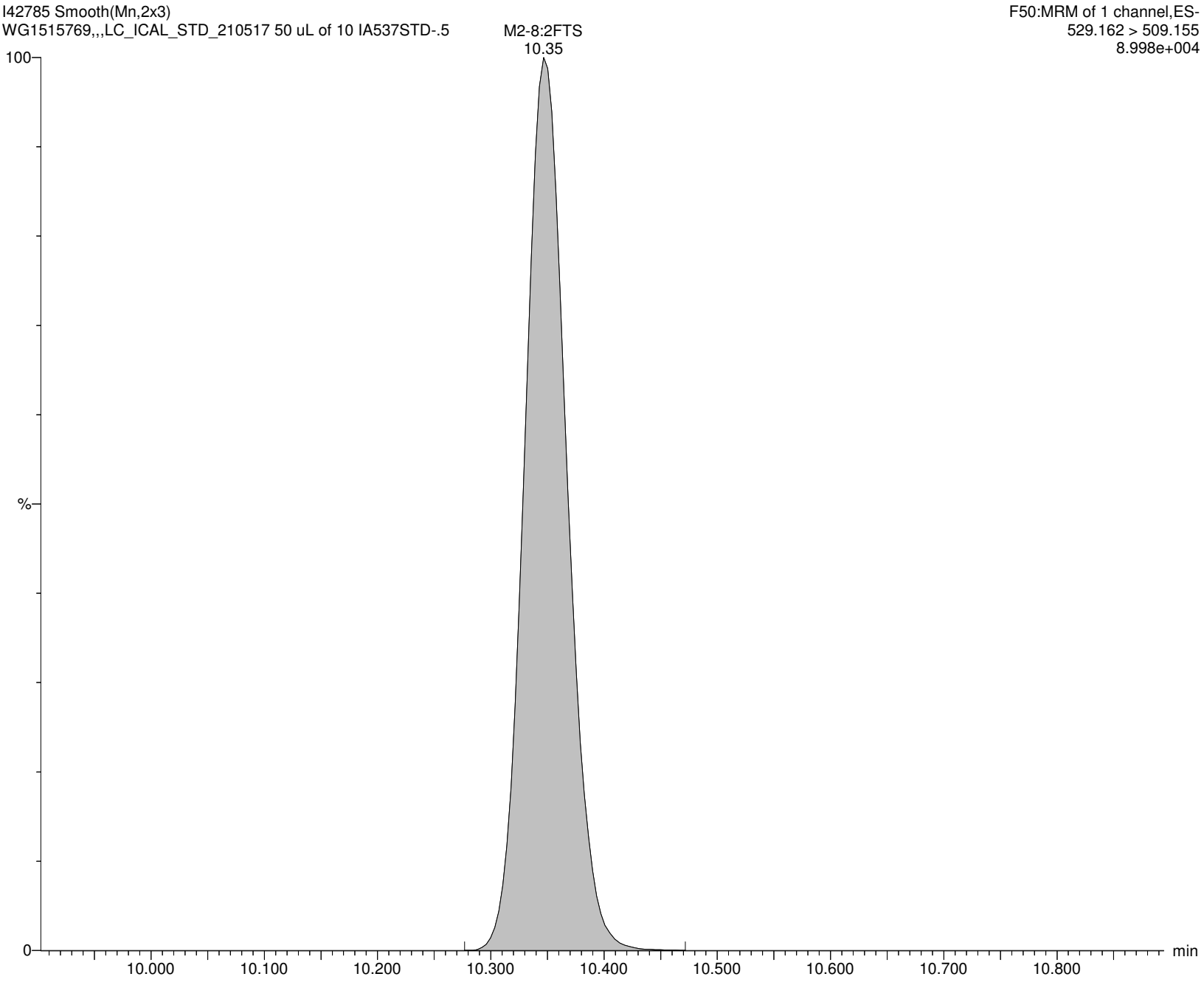


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-8:2FTS

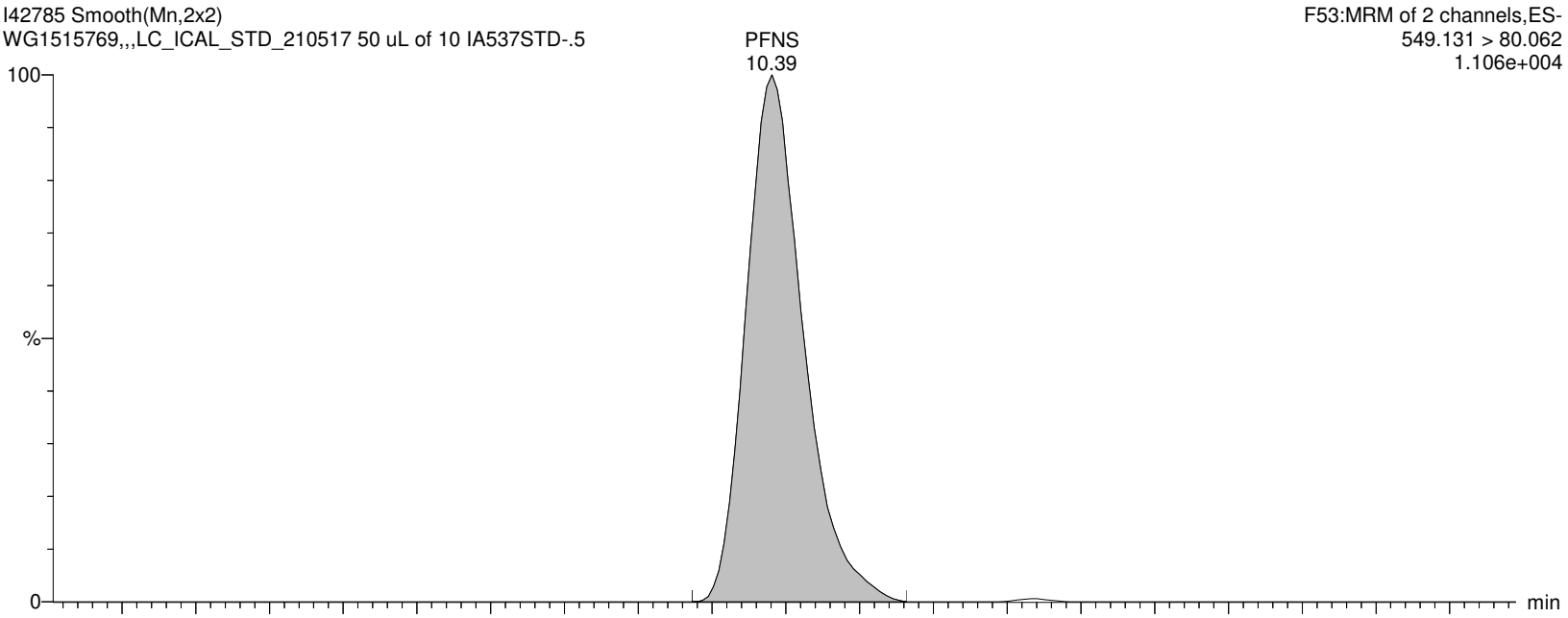


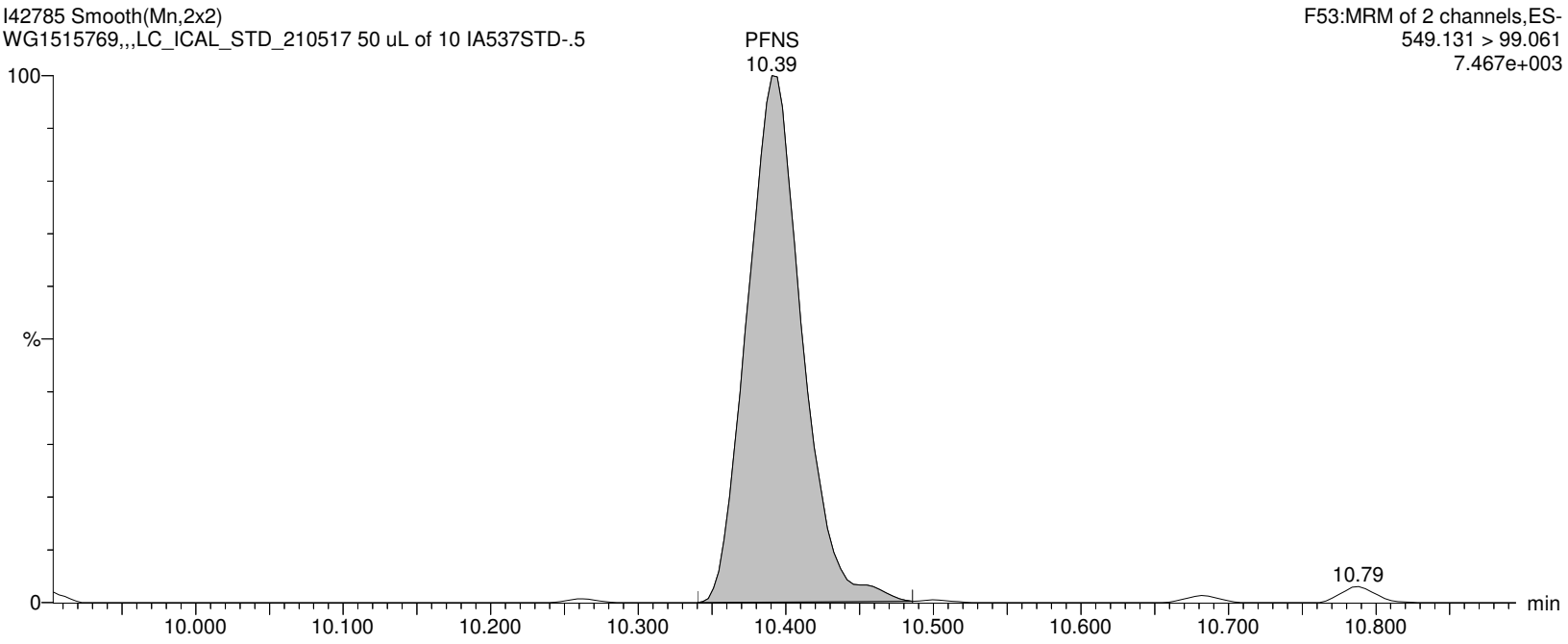
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNS



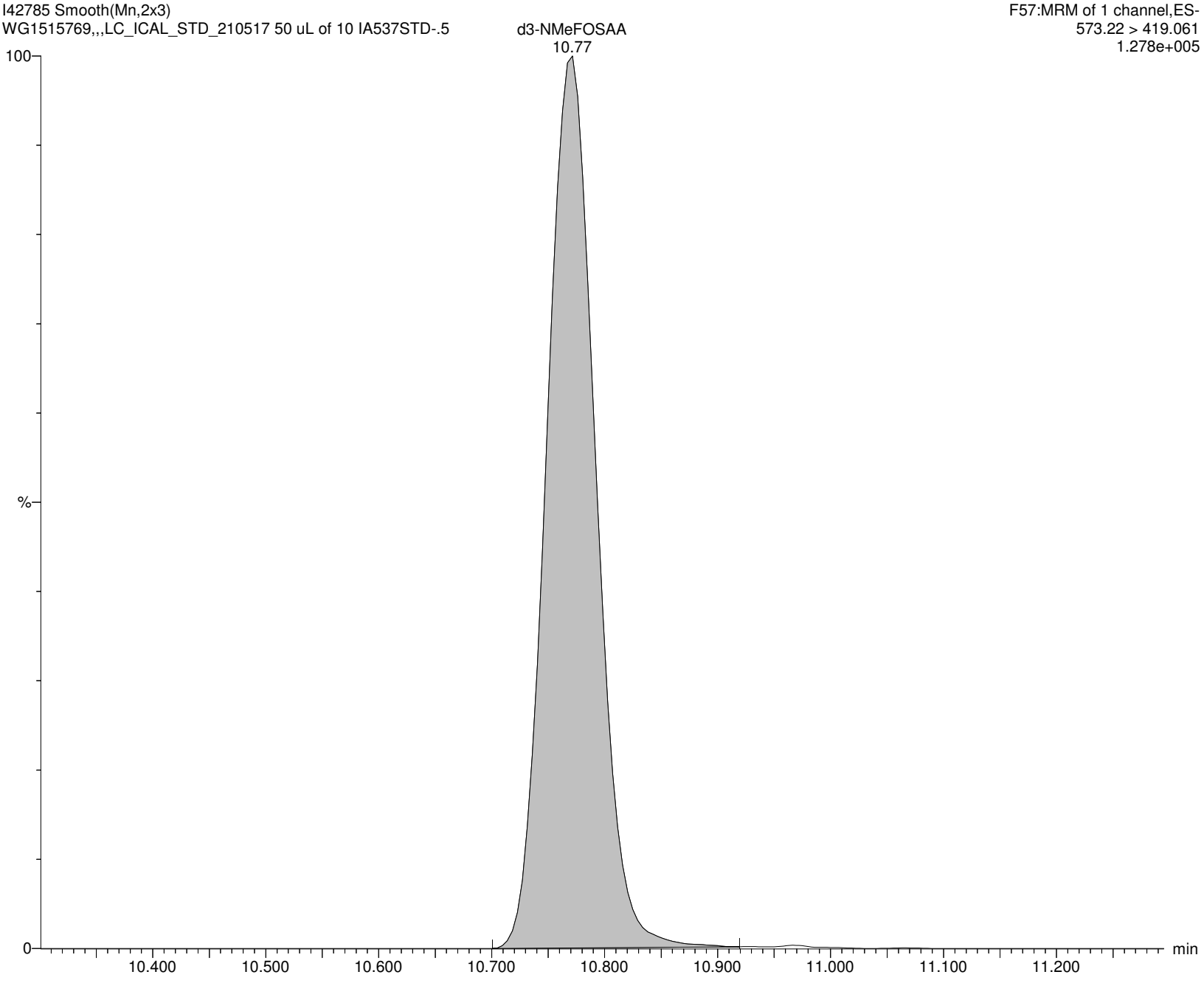


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSAA

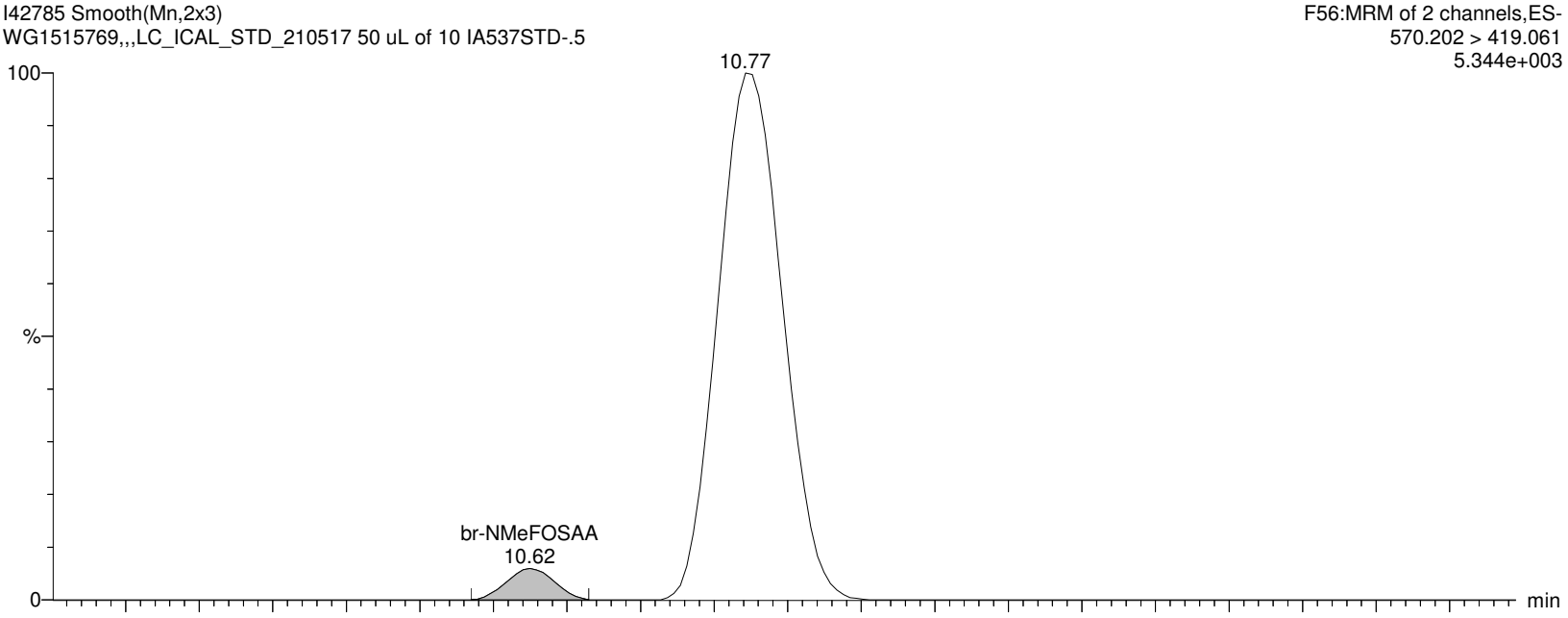


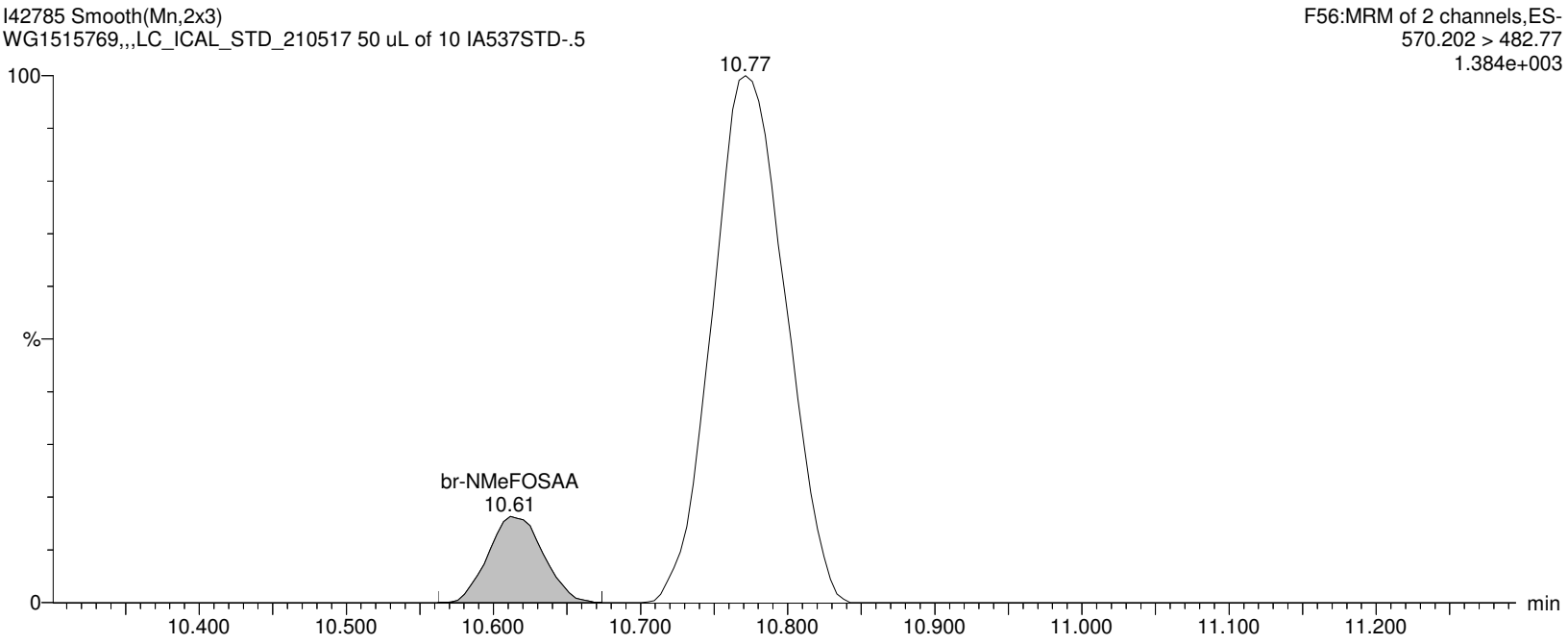
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NMeFOSAA



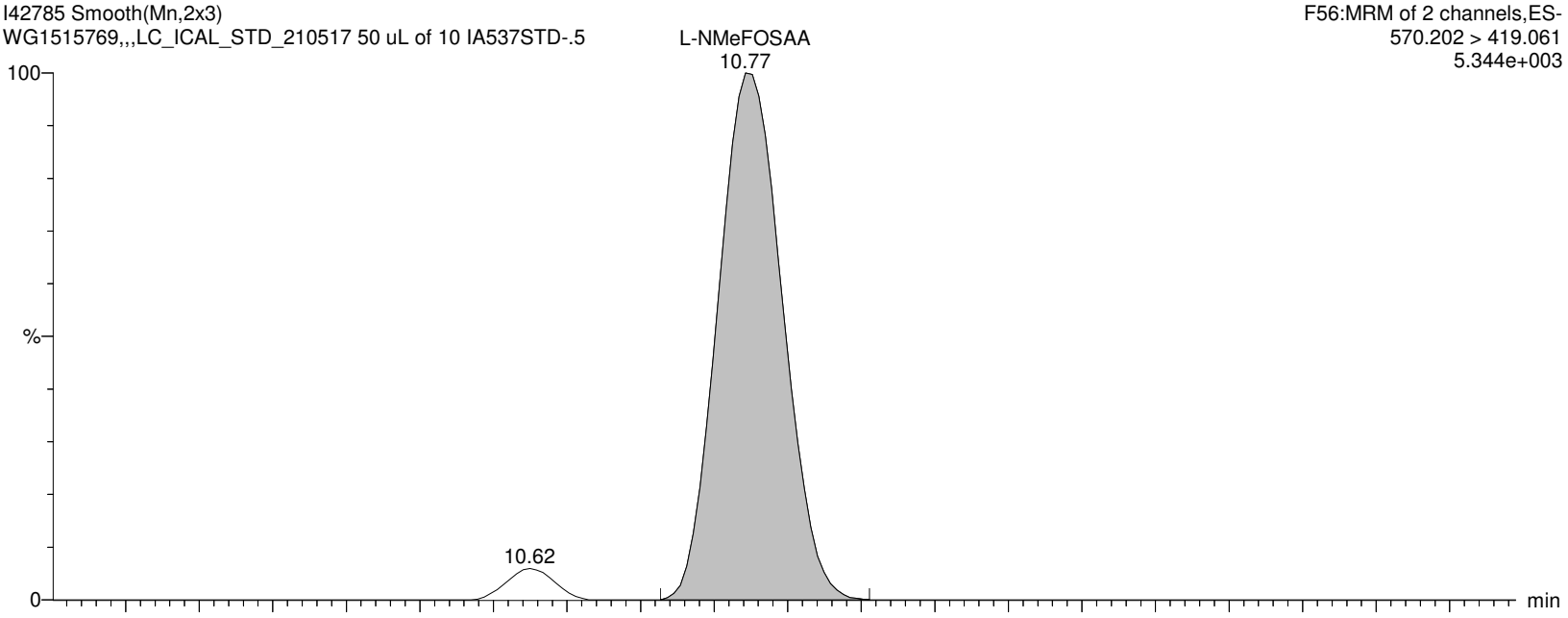


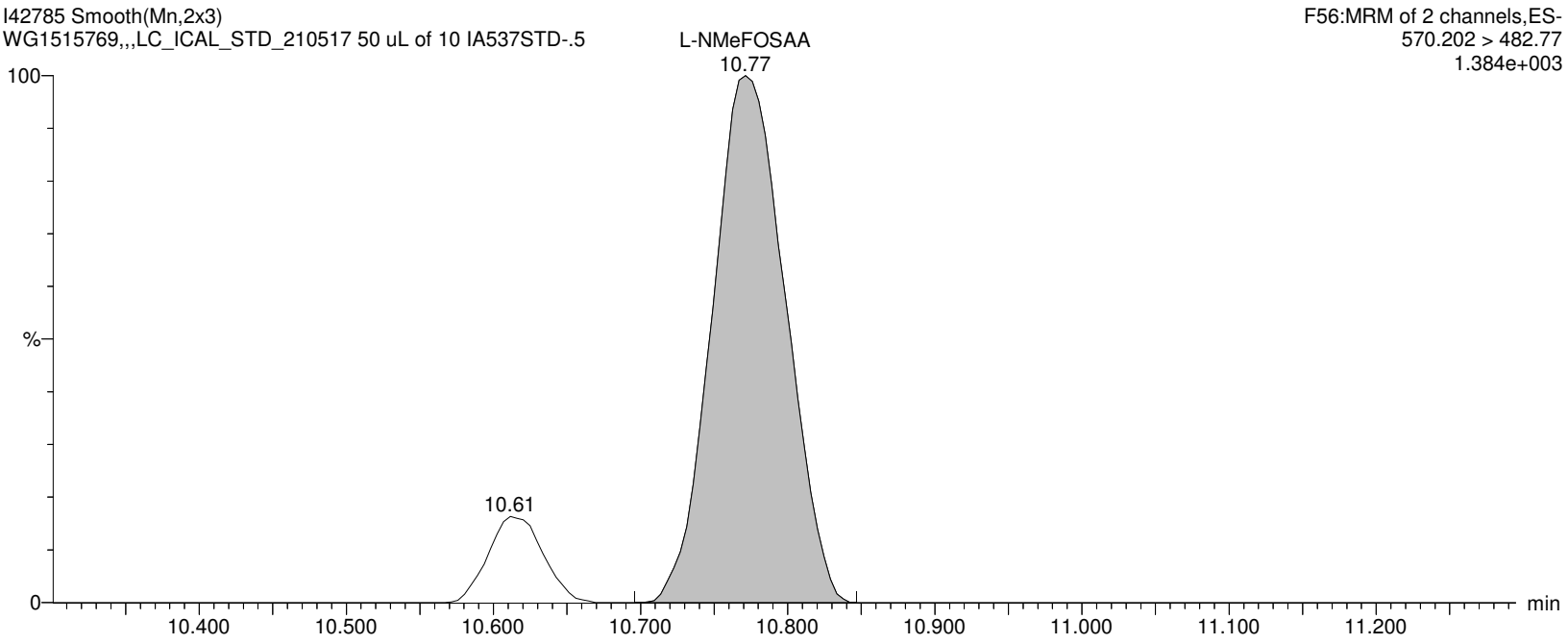
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NMeFOSAA



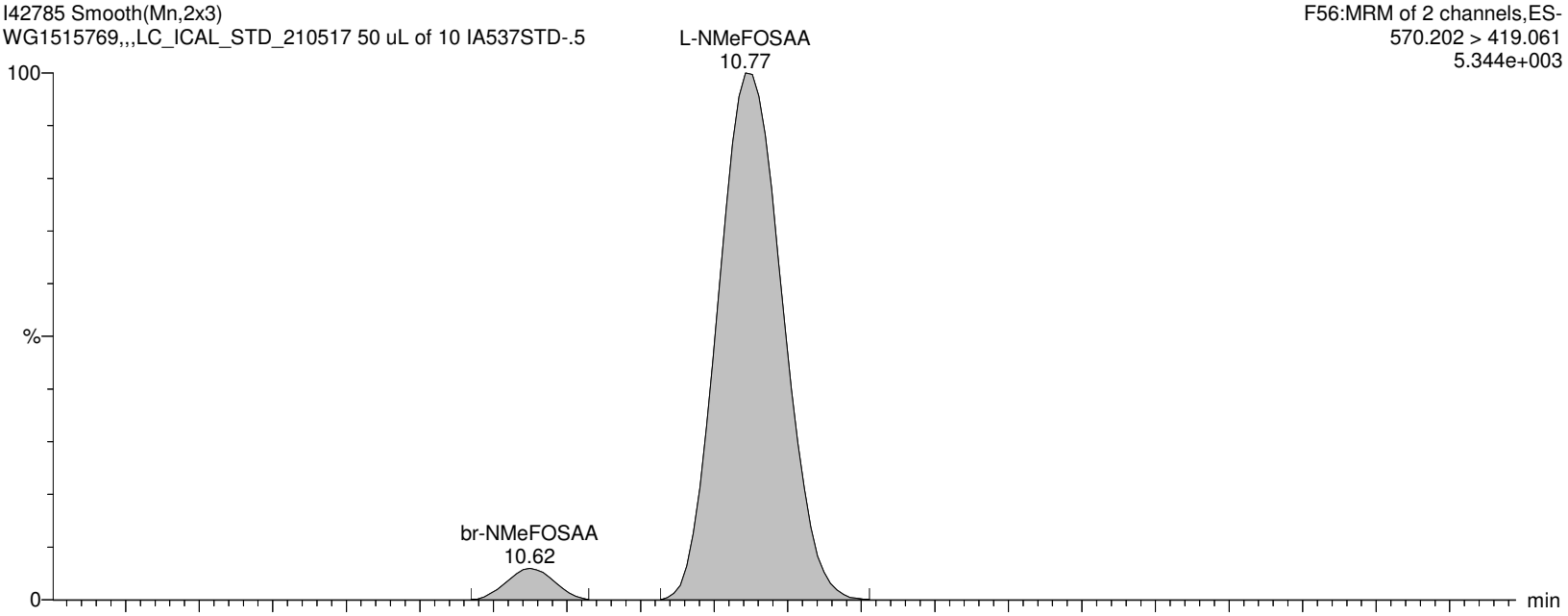


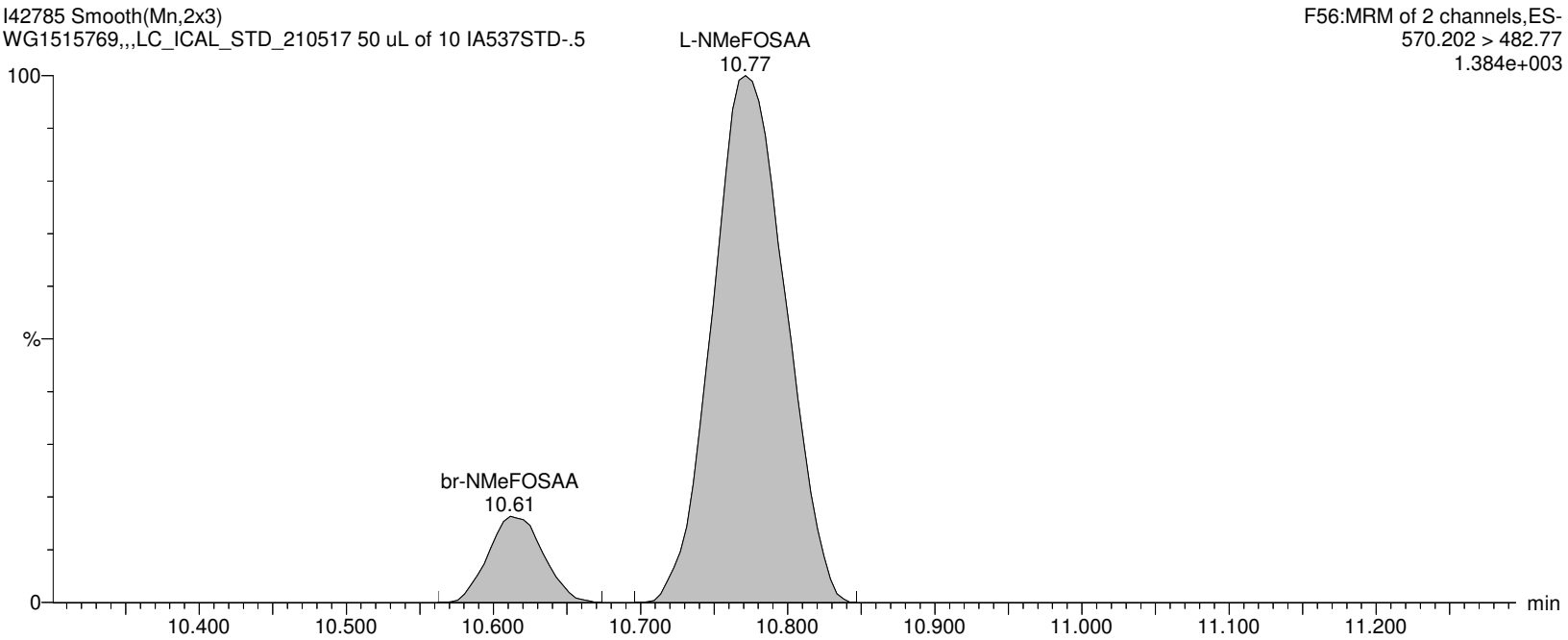
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSAA



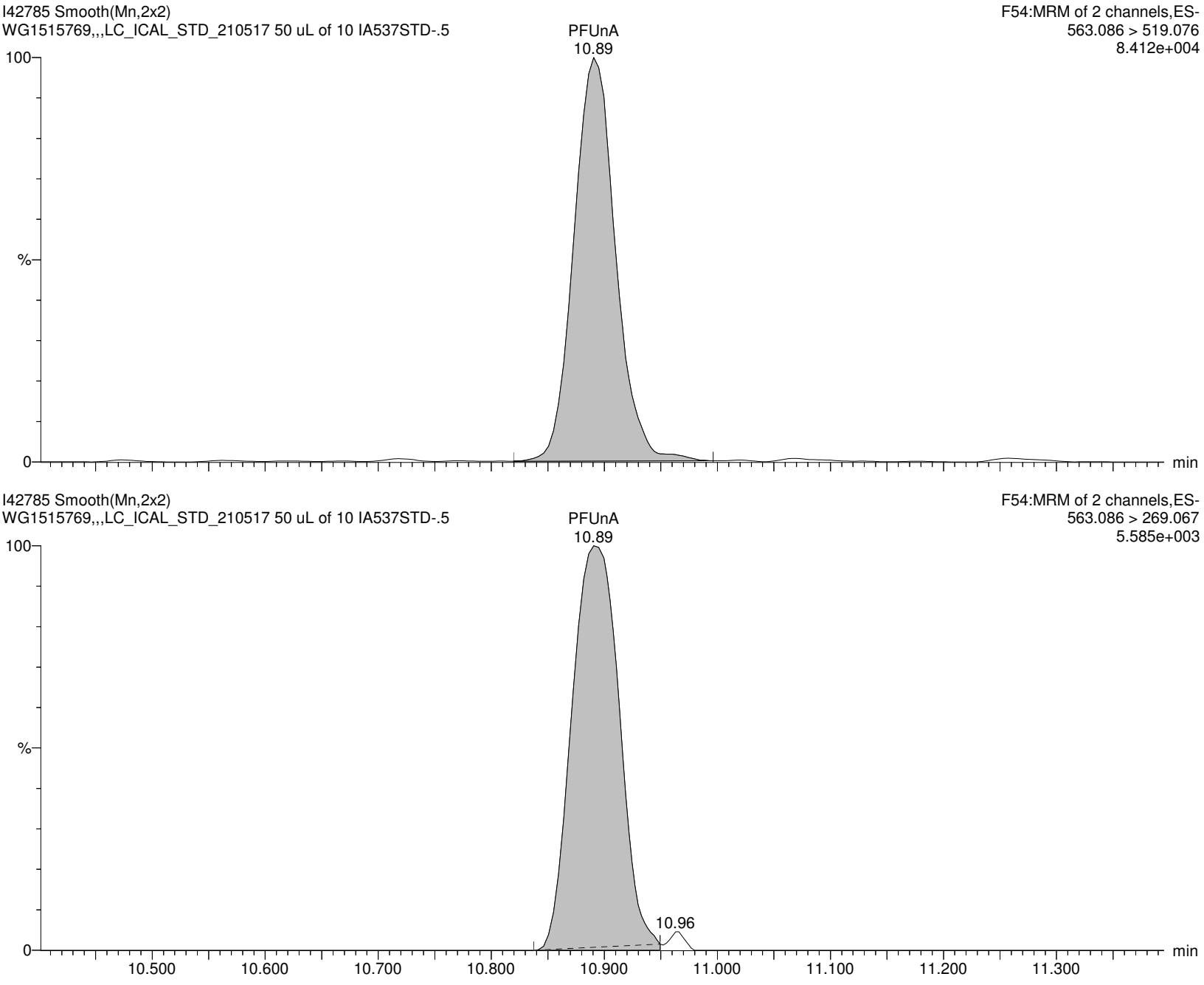


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFUnA

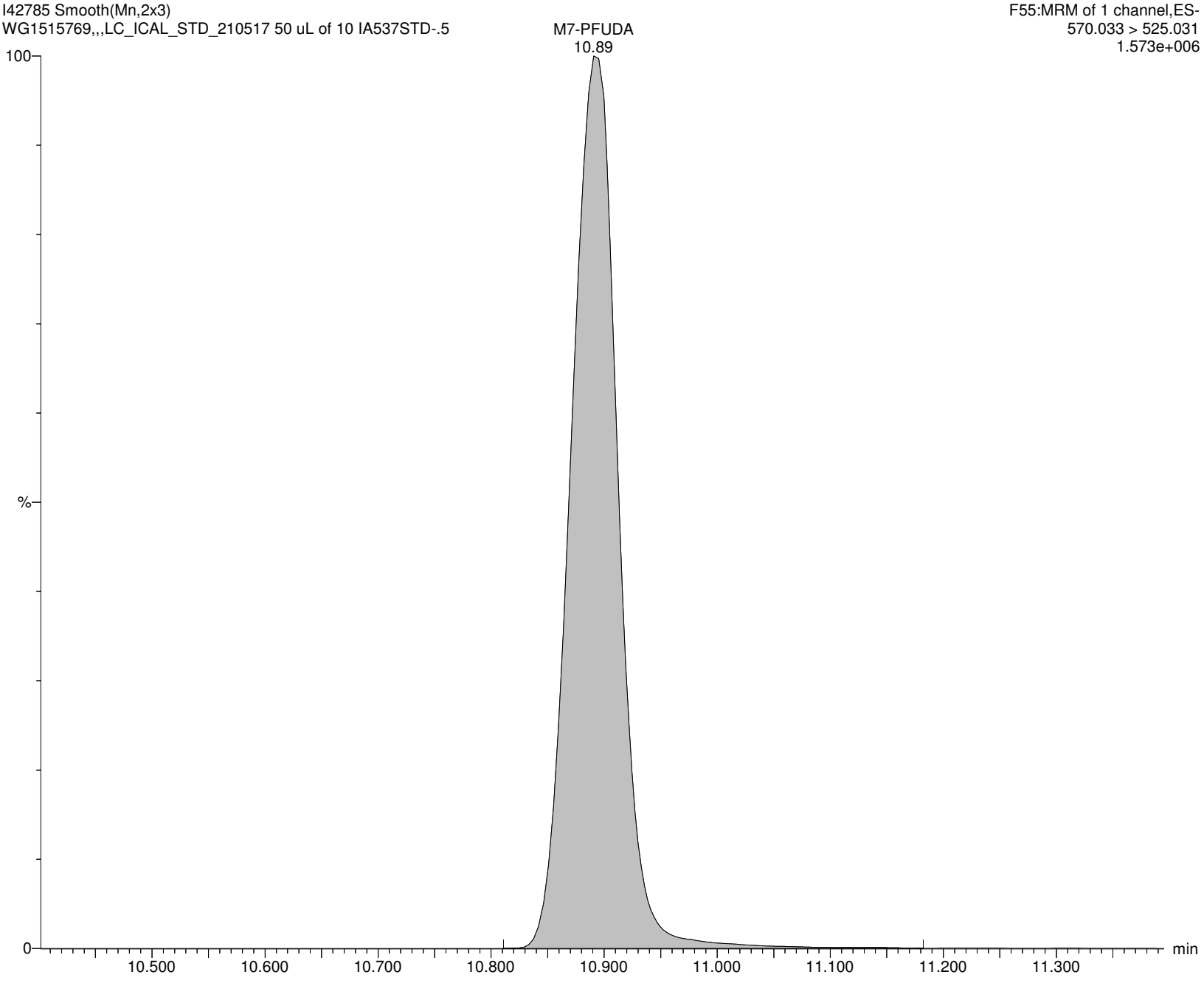


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M7-PFUDA

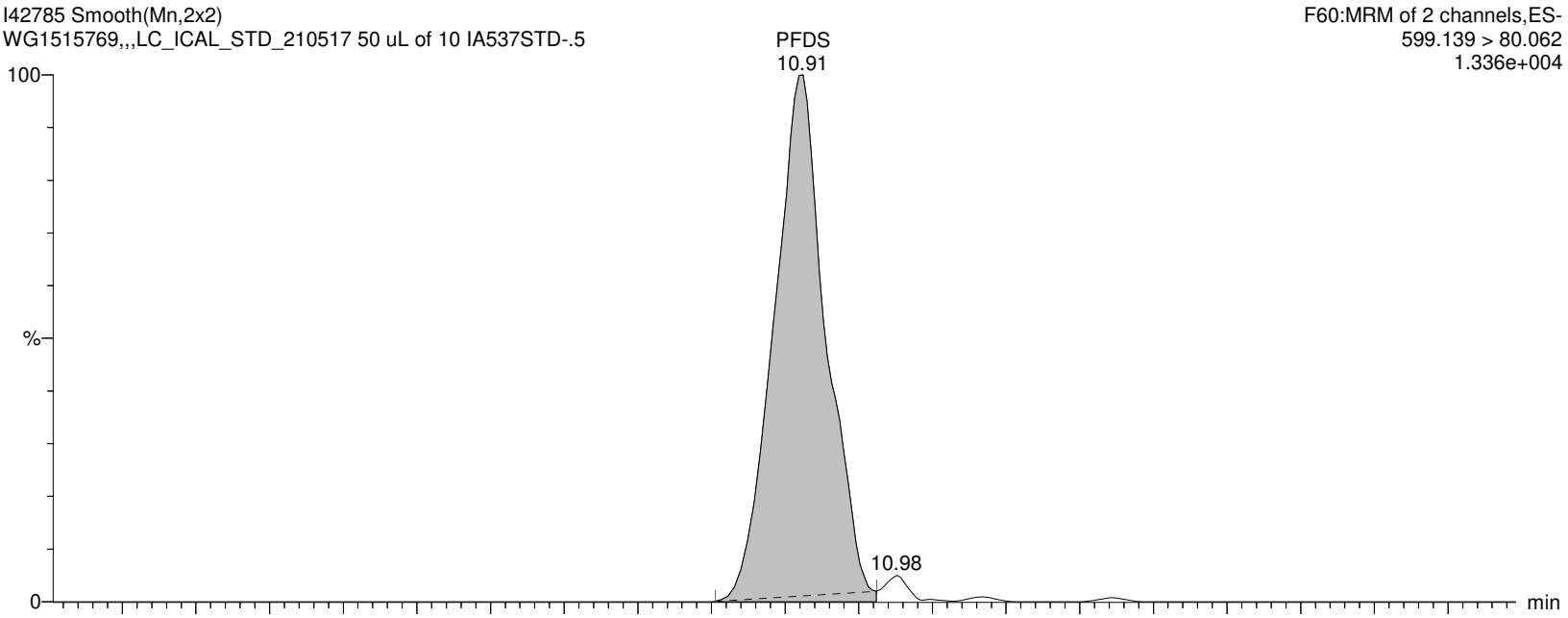


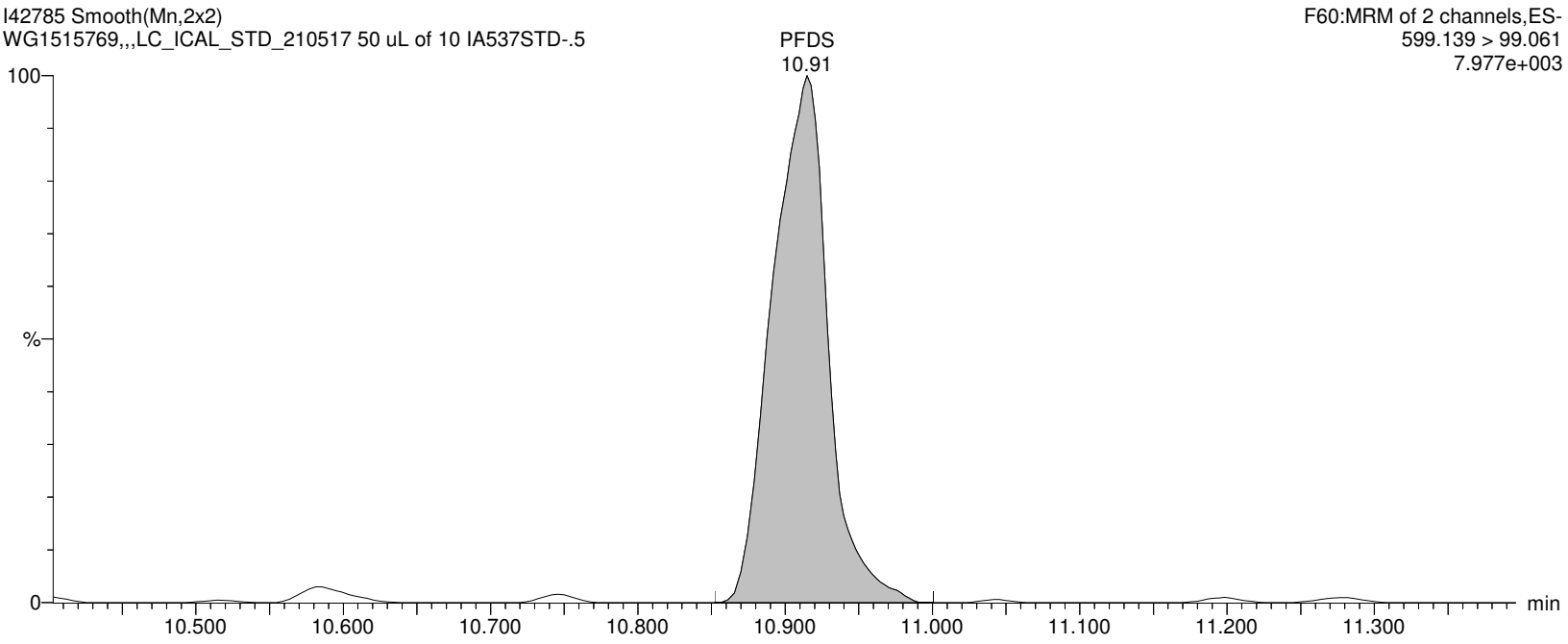
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDS



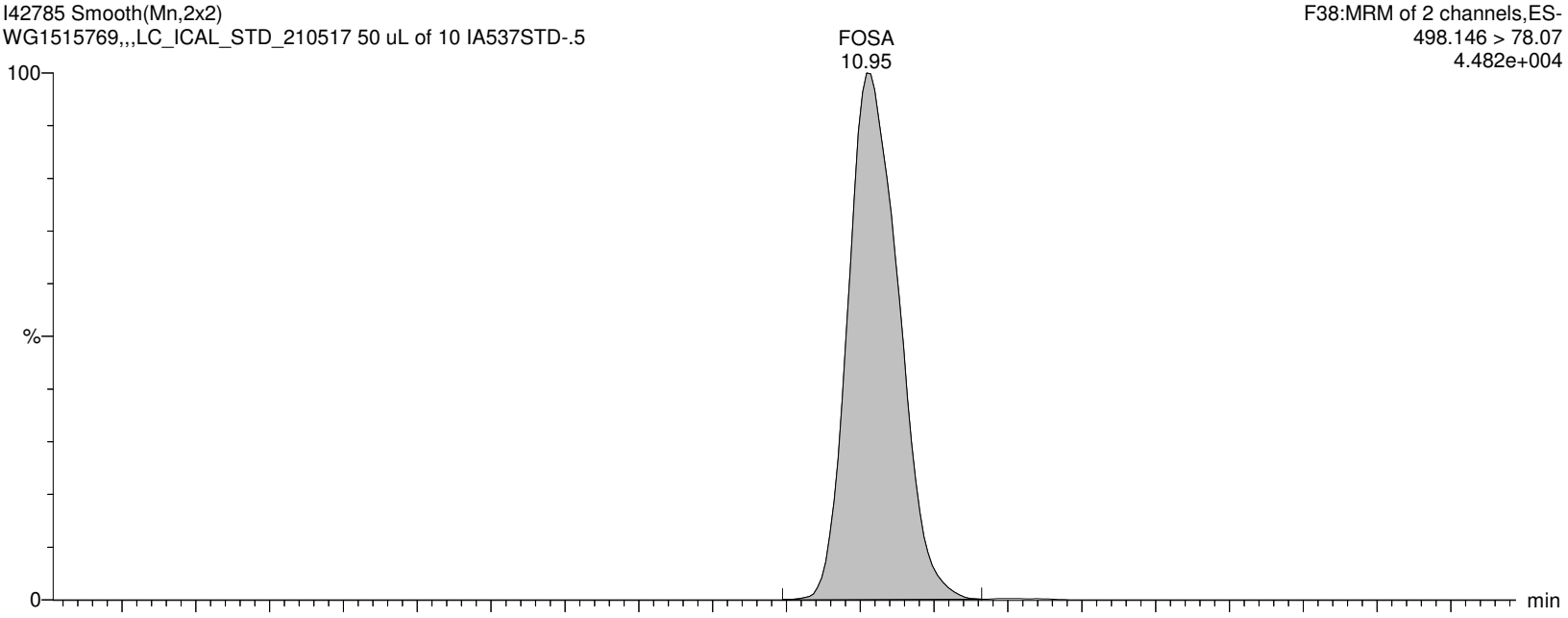


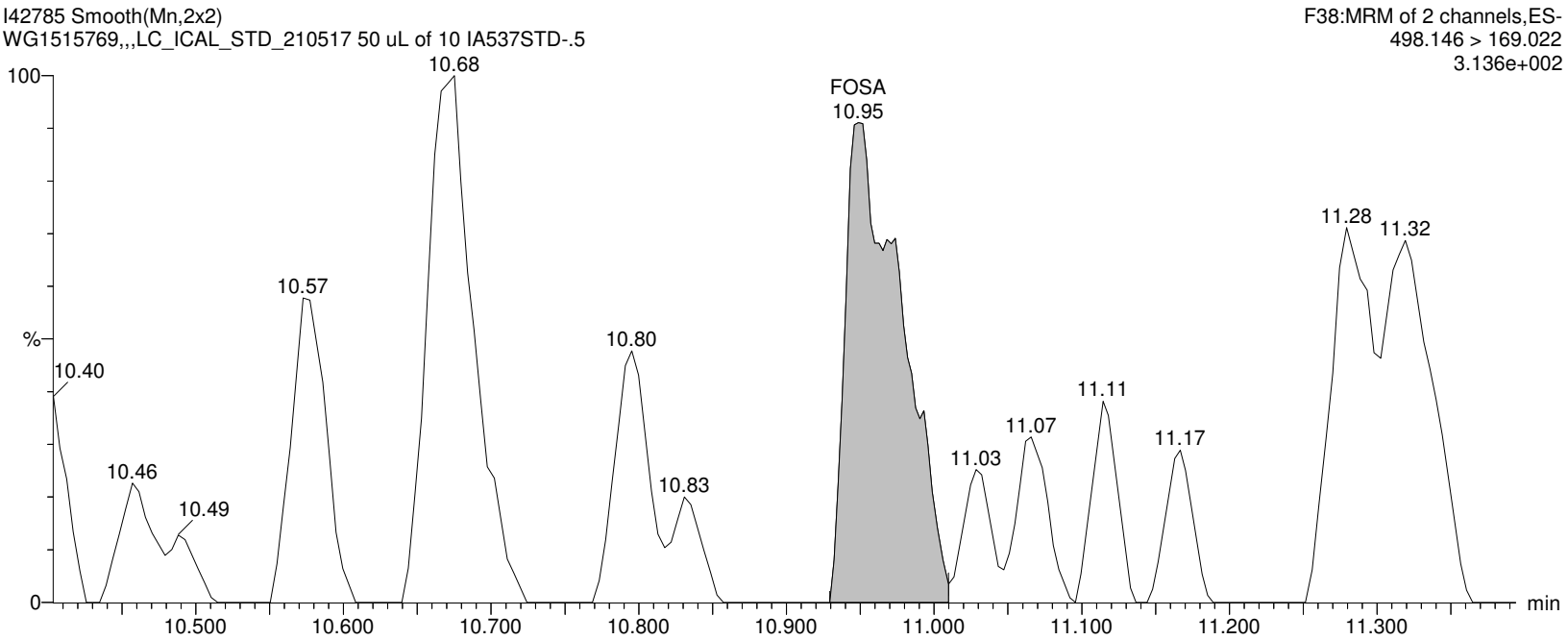
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

FOSA



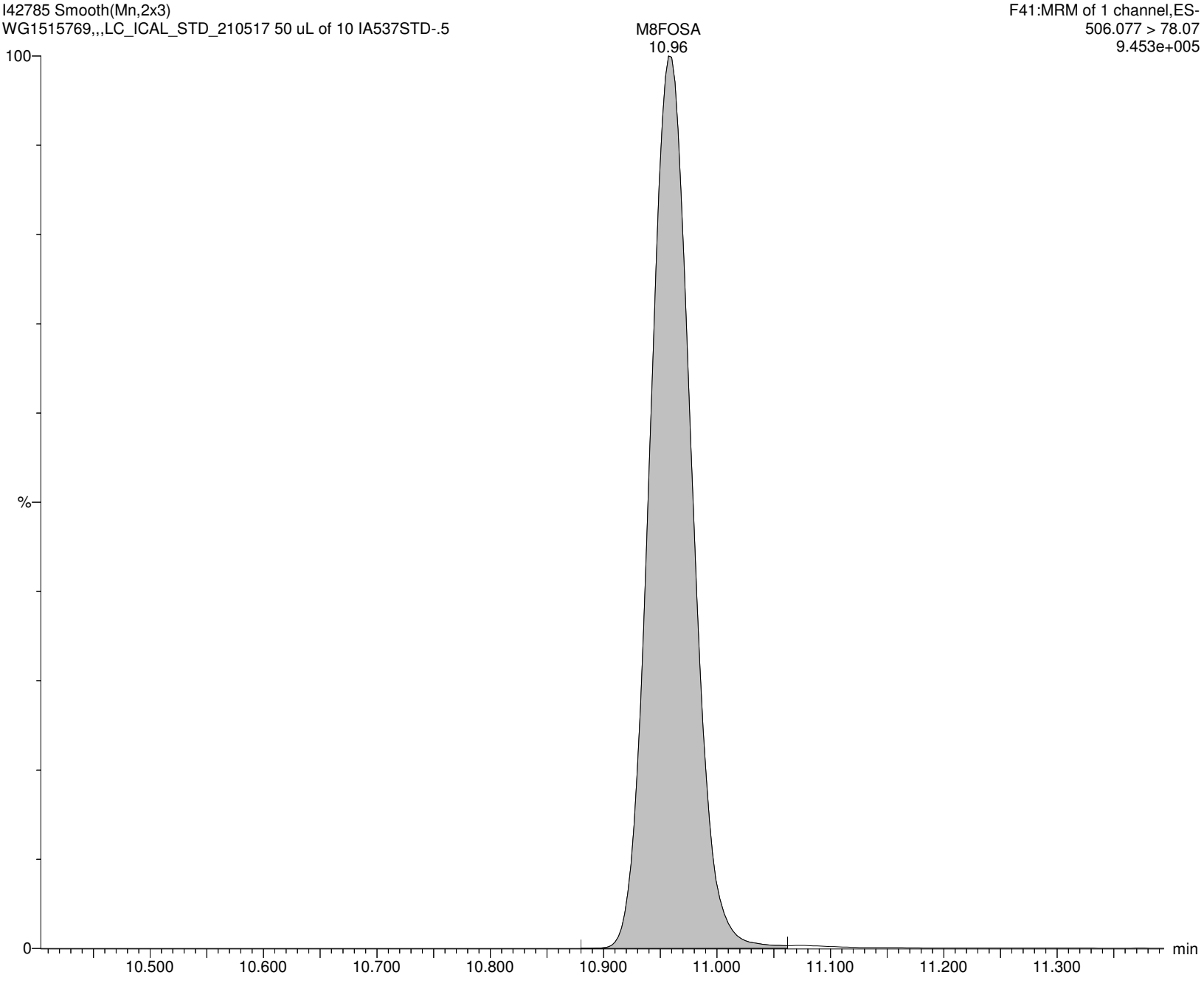


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8FOSA

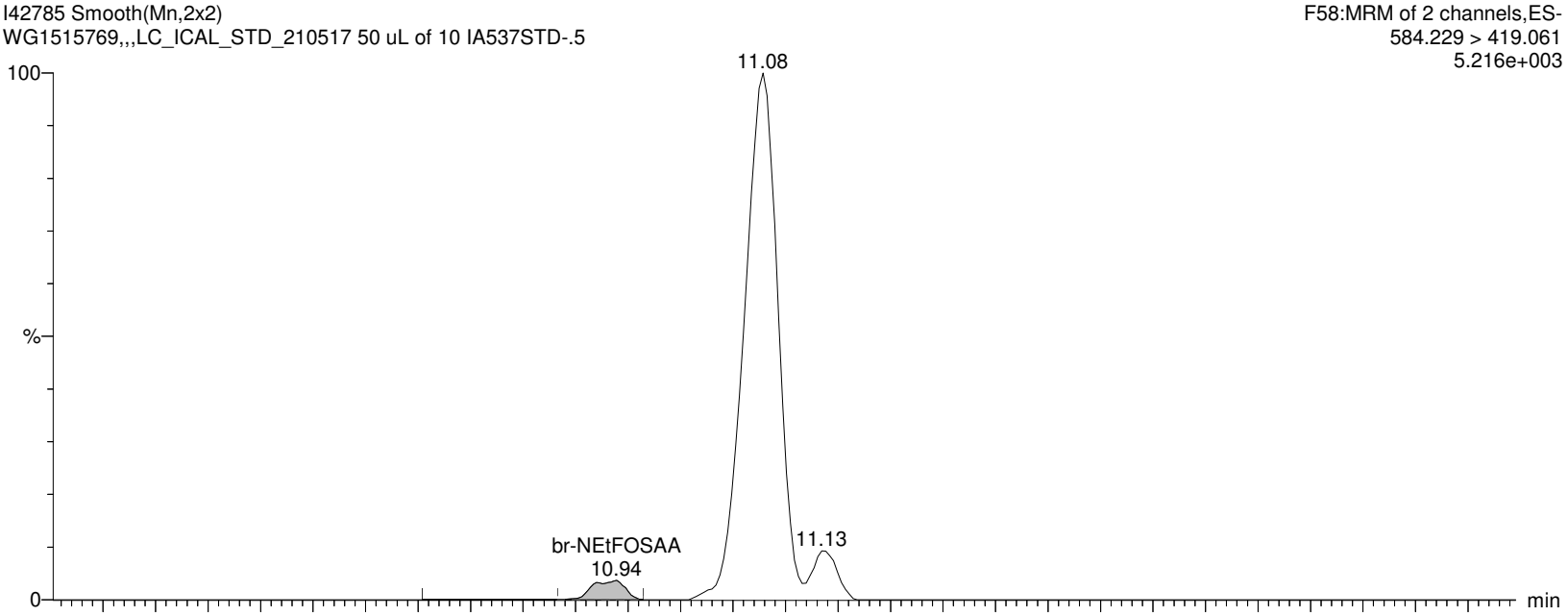


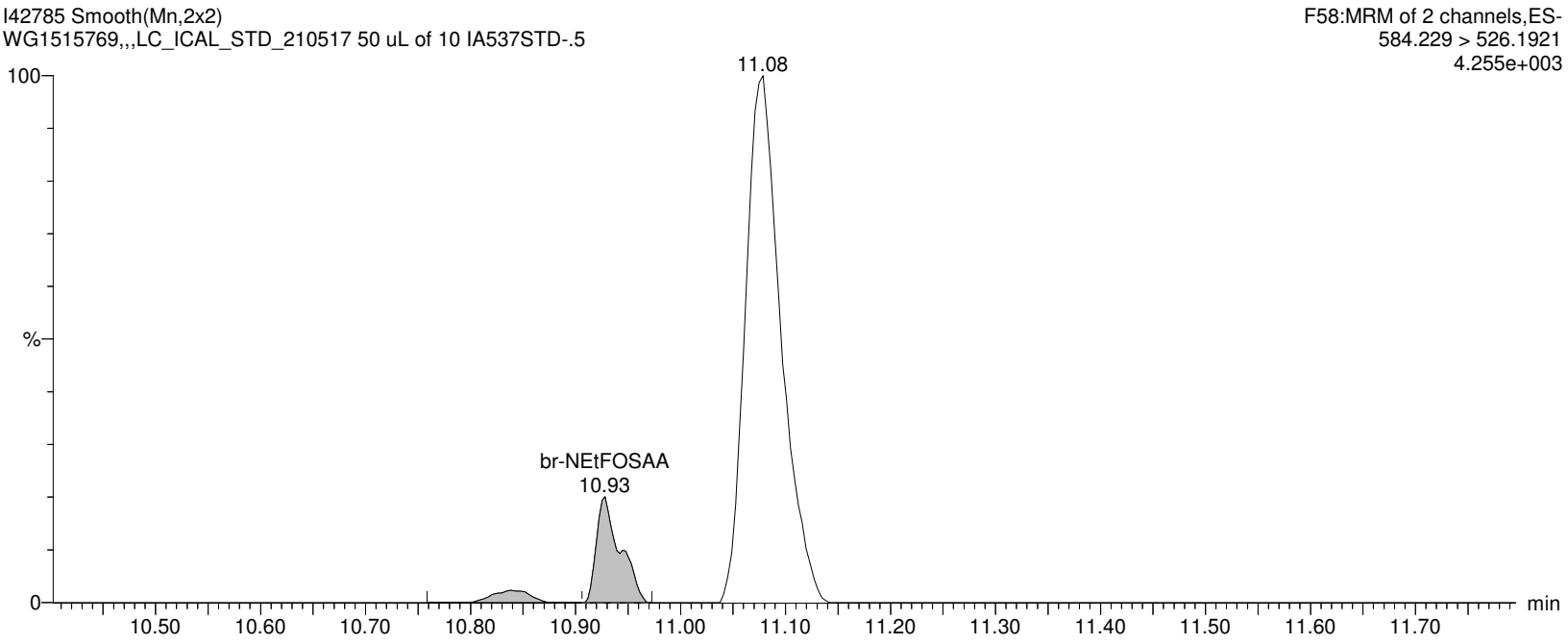
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NEtFOSAA



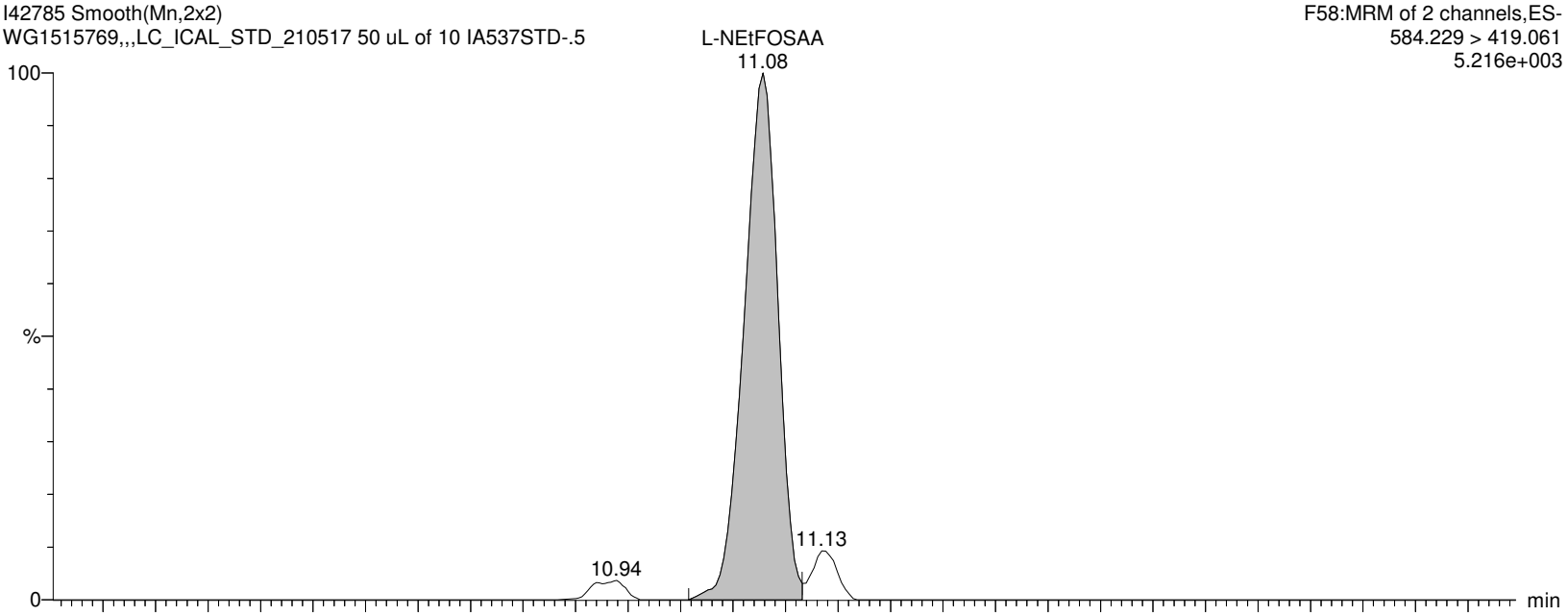


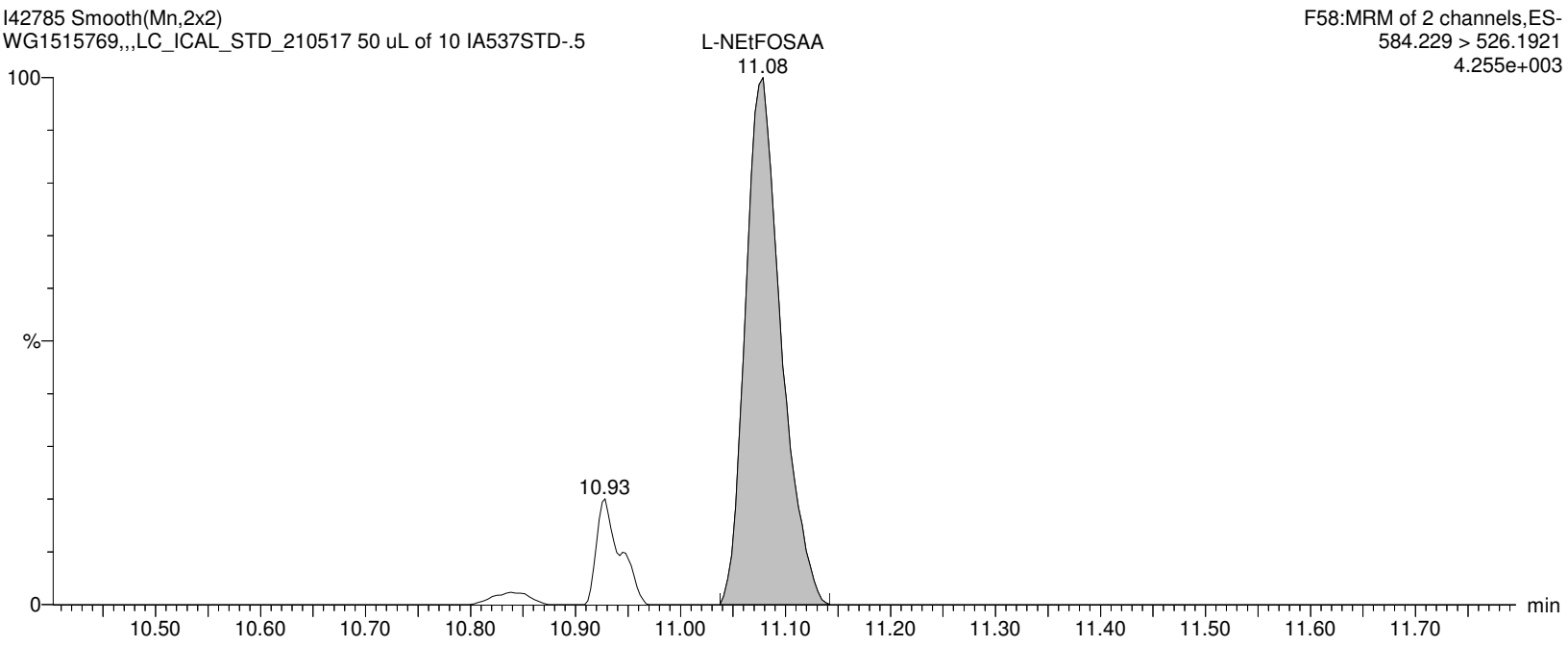
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NEtFOSAA



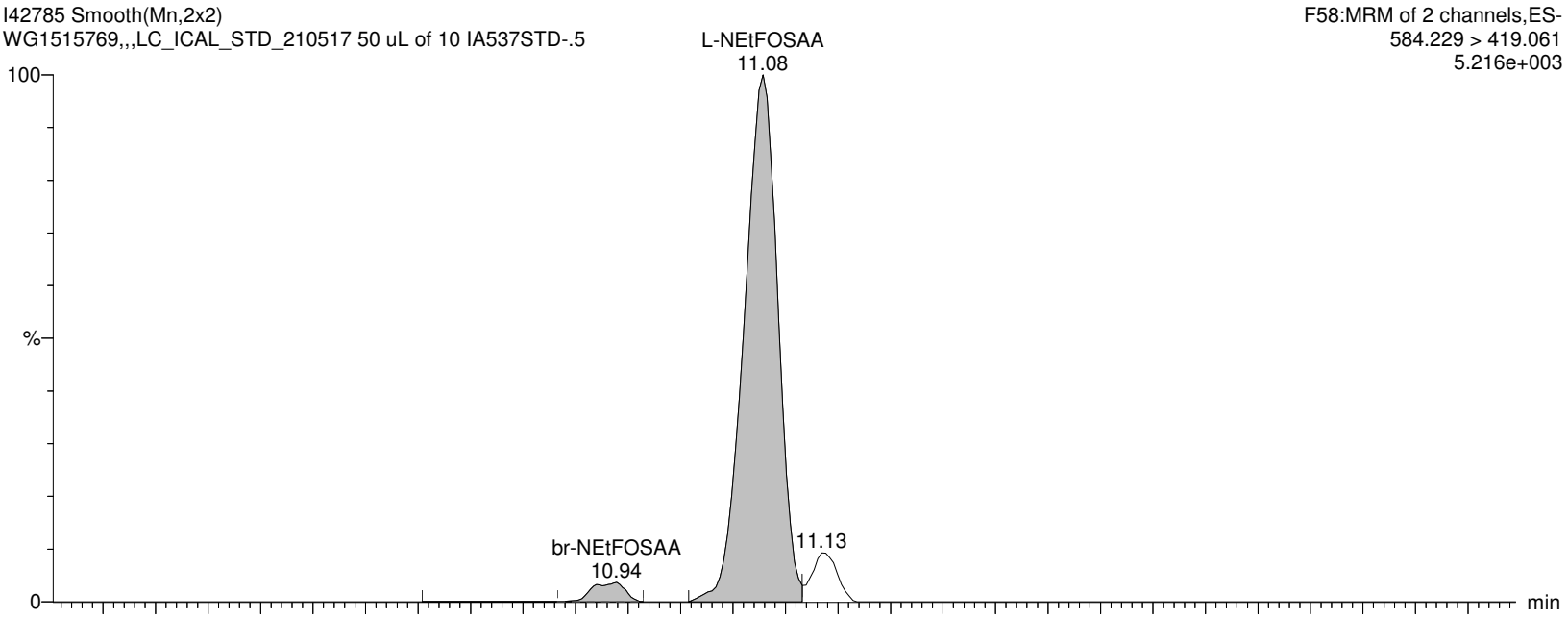


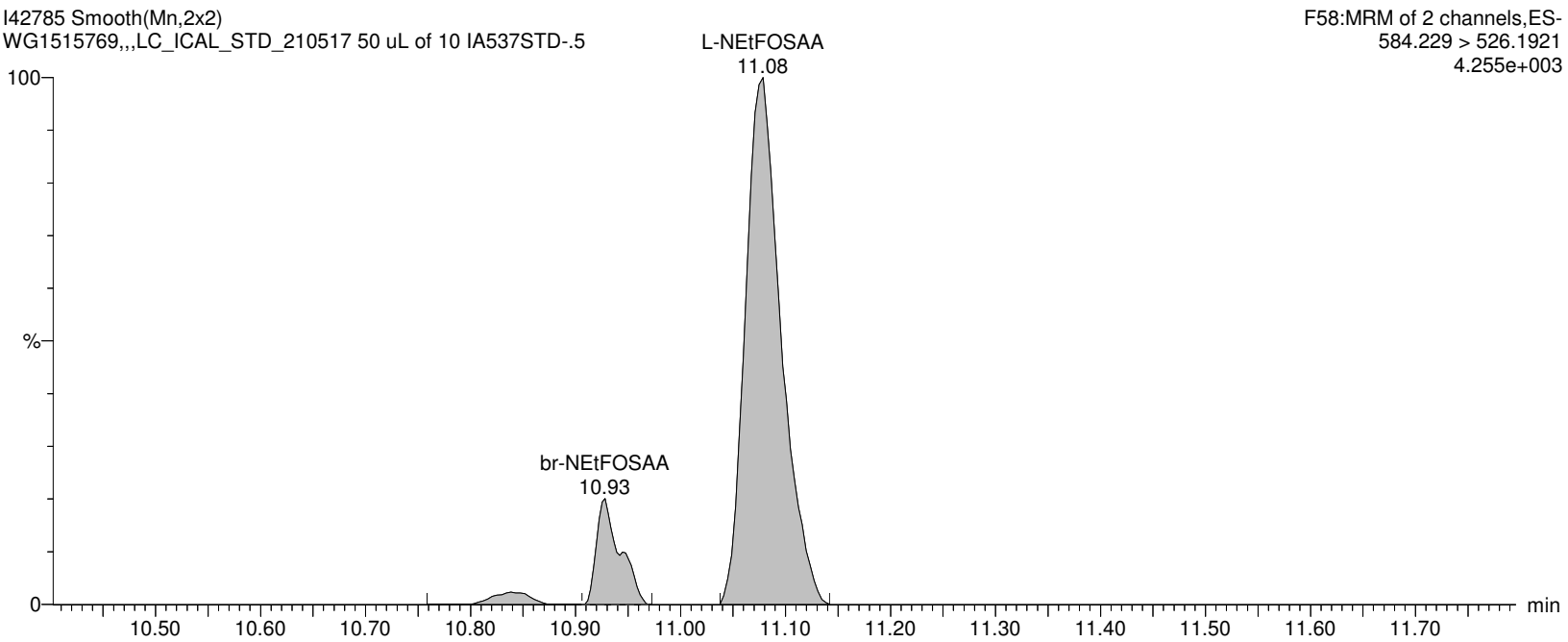
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSAA



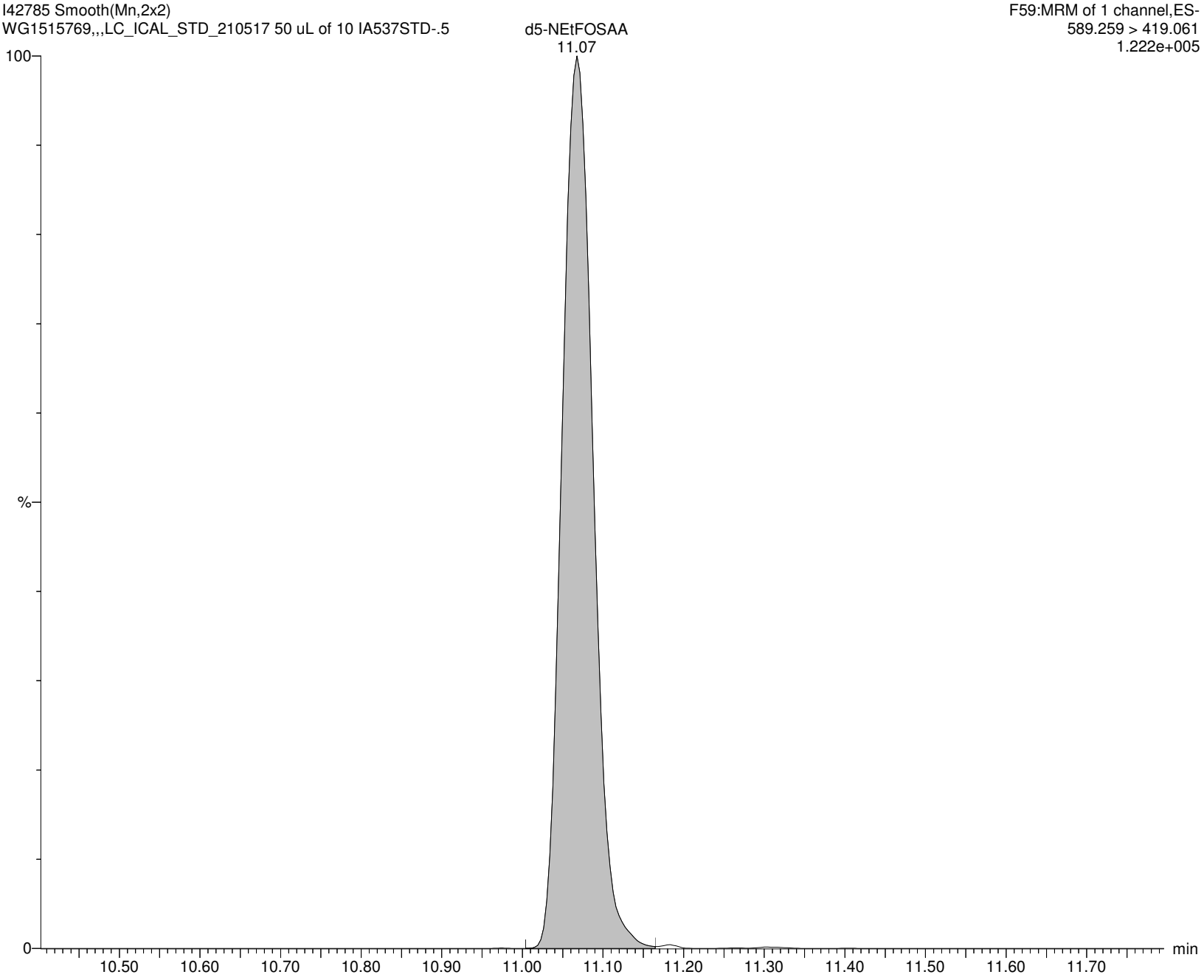


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSAA

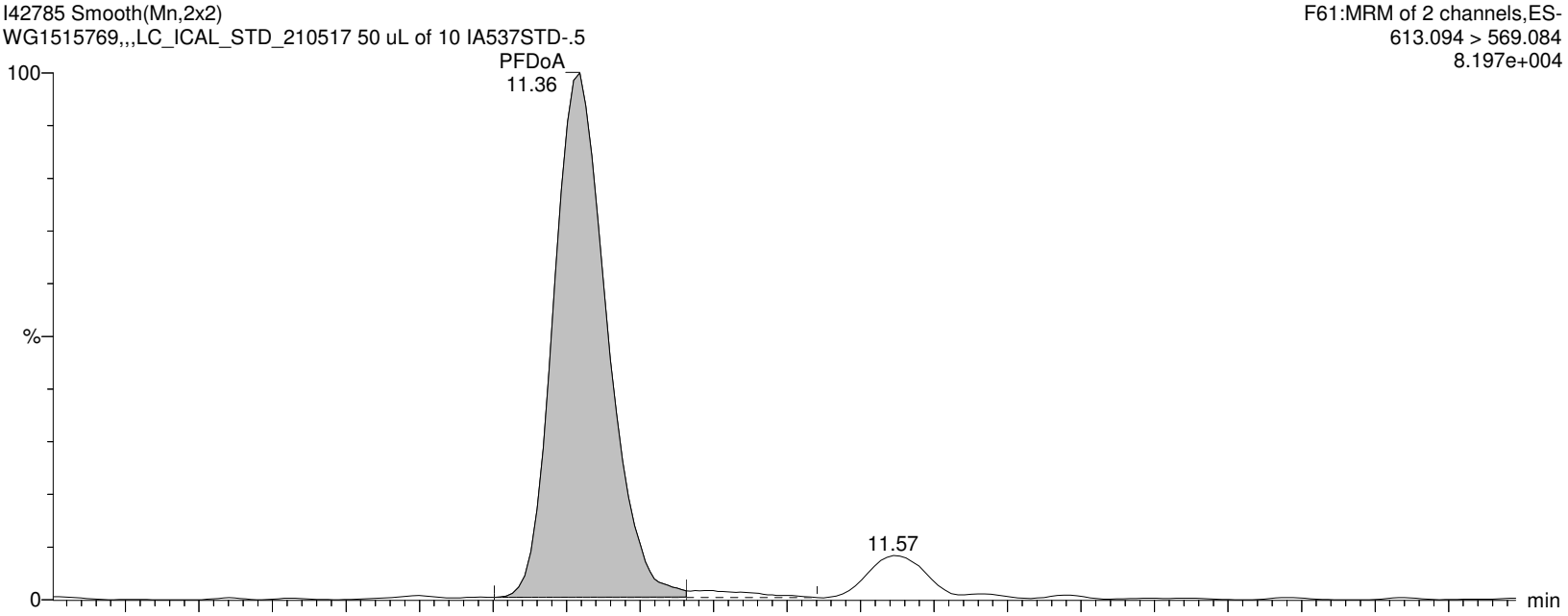


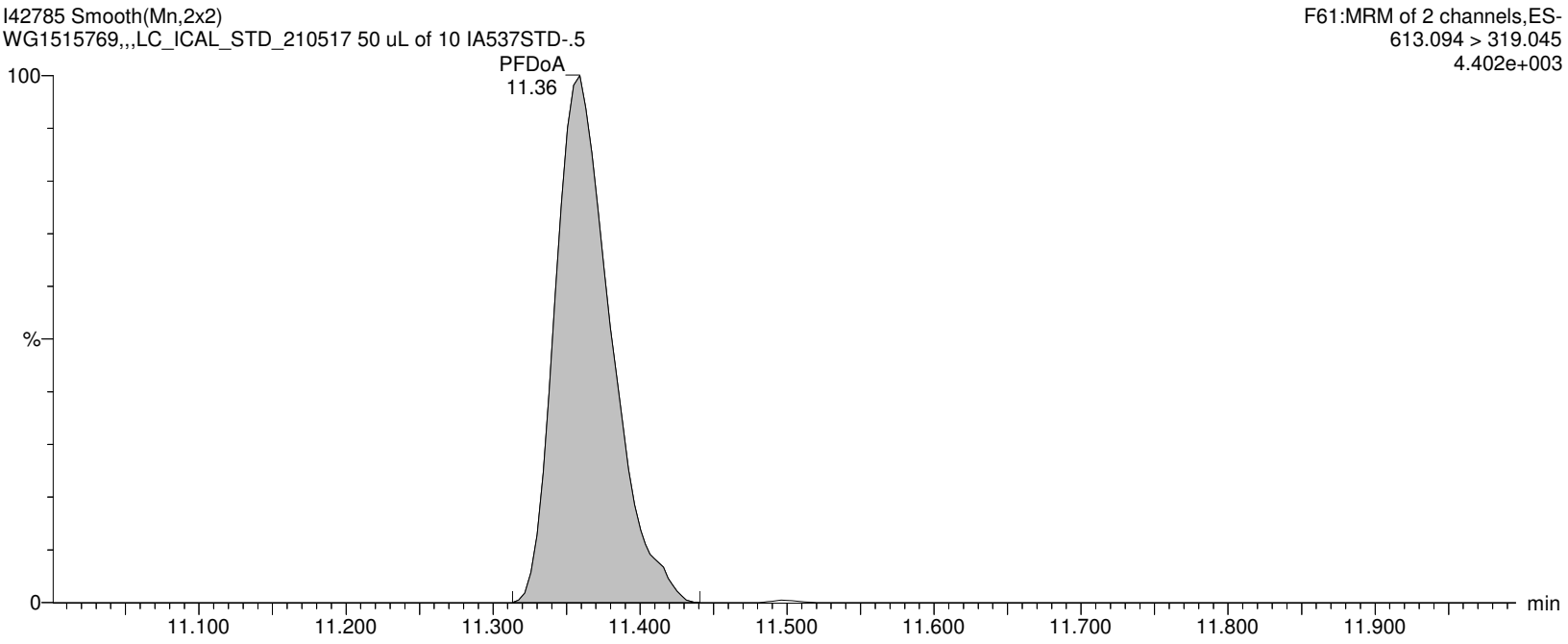
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoA



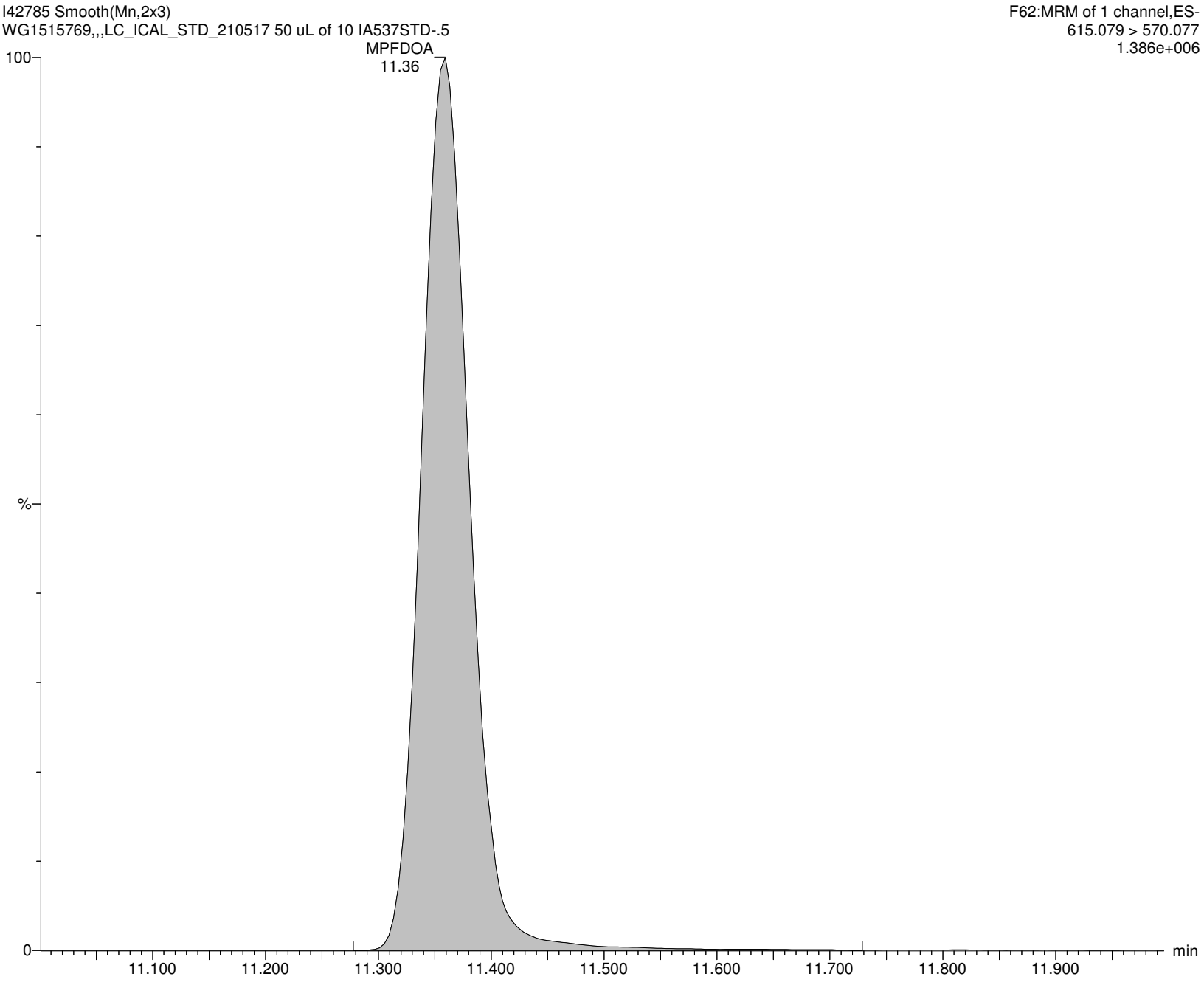


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFDOA

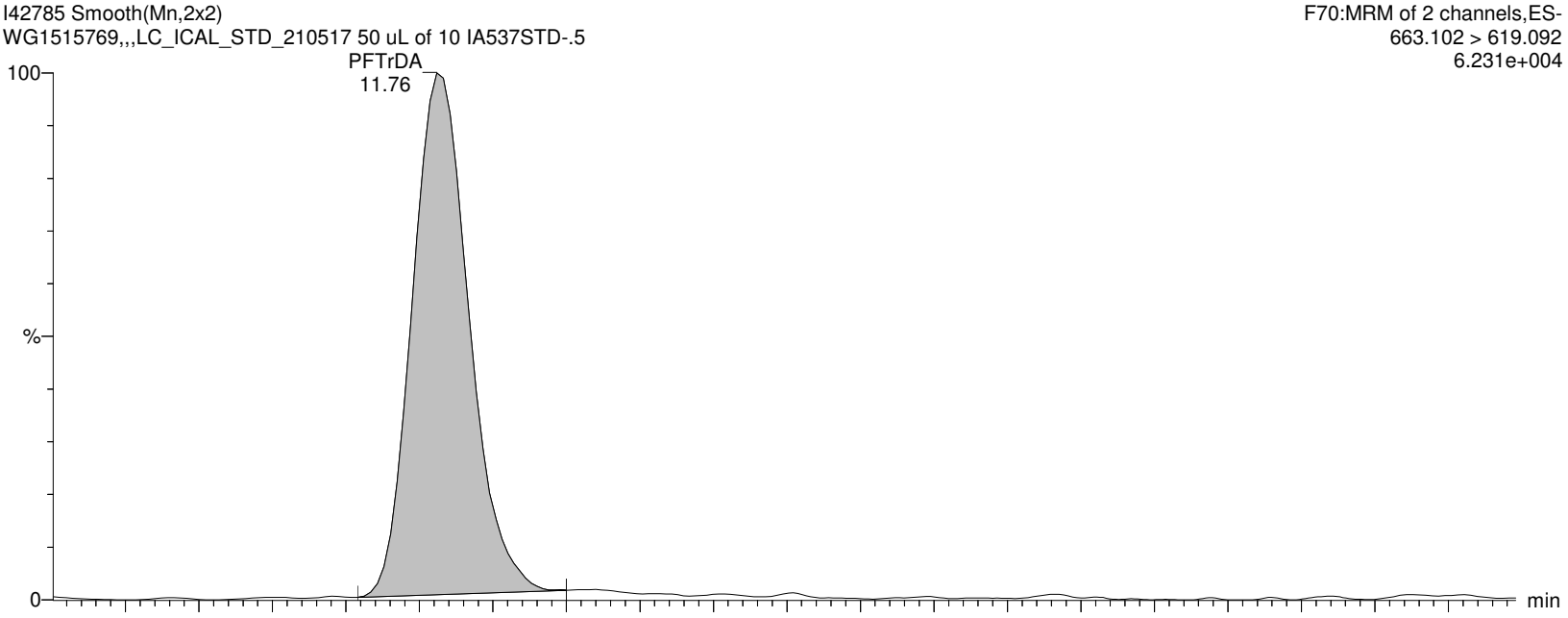


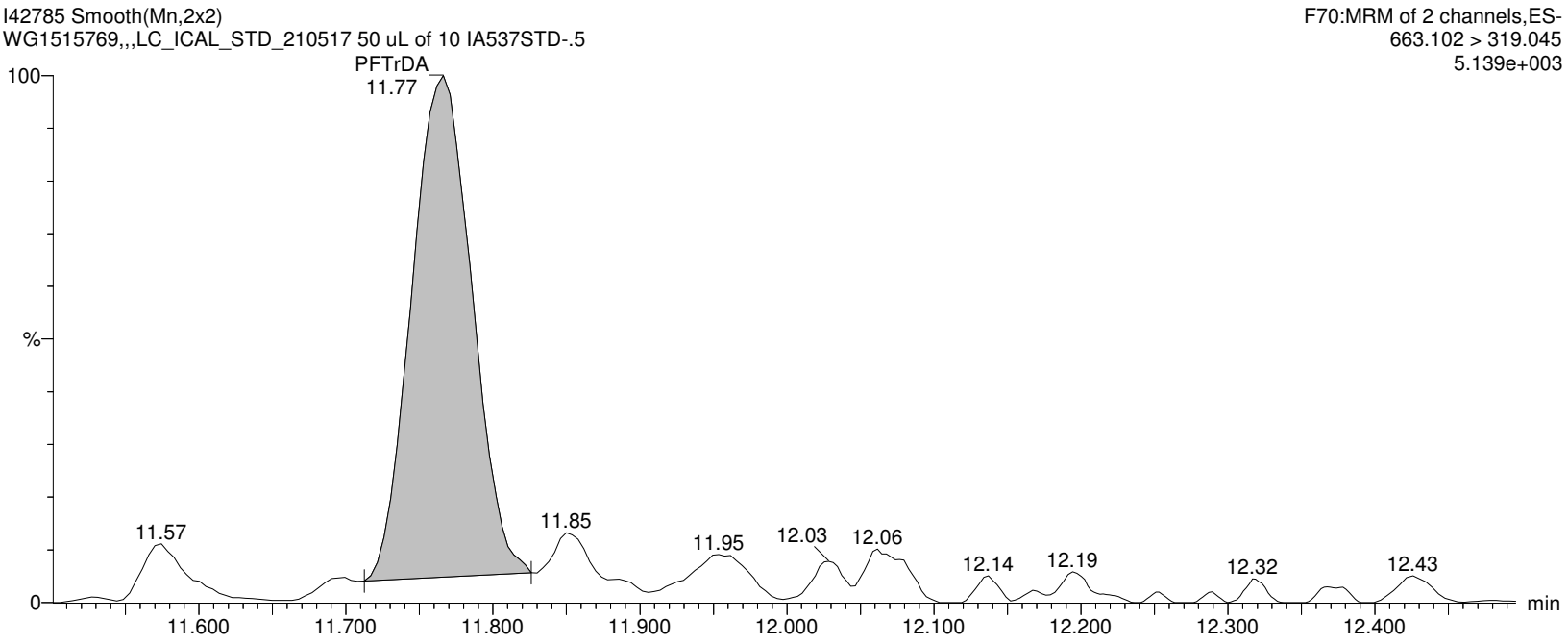
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTrDA



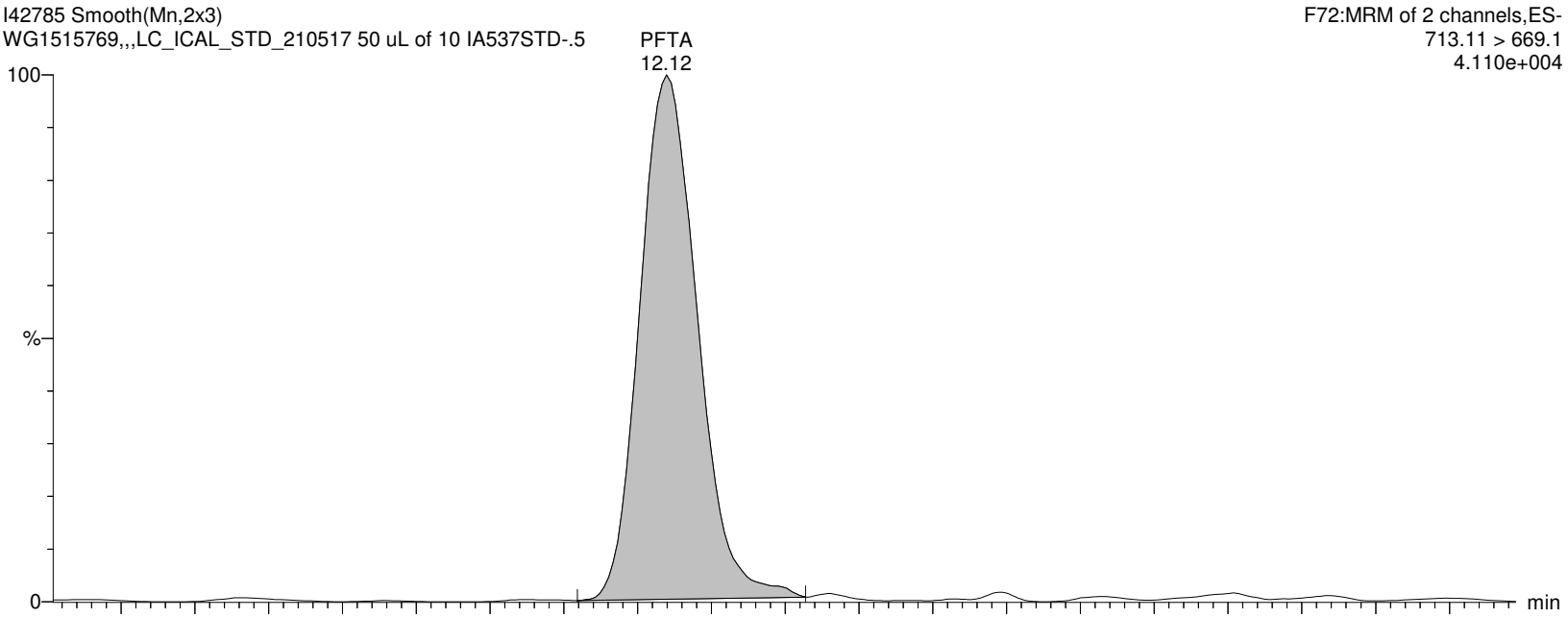


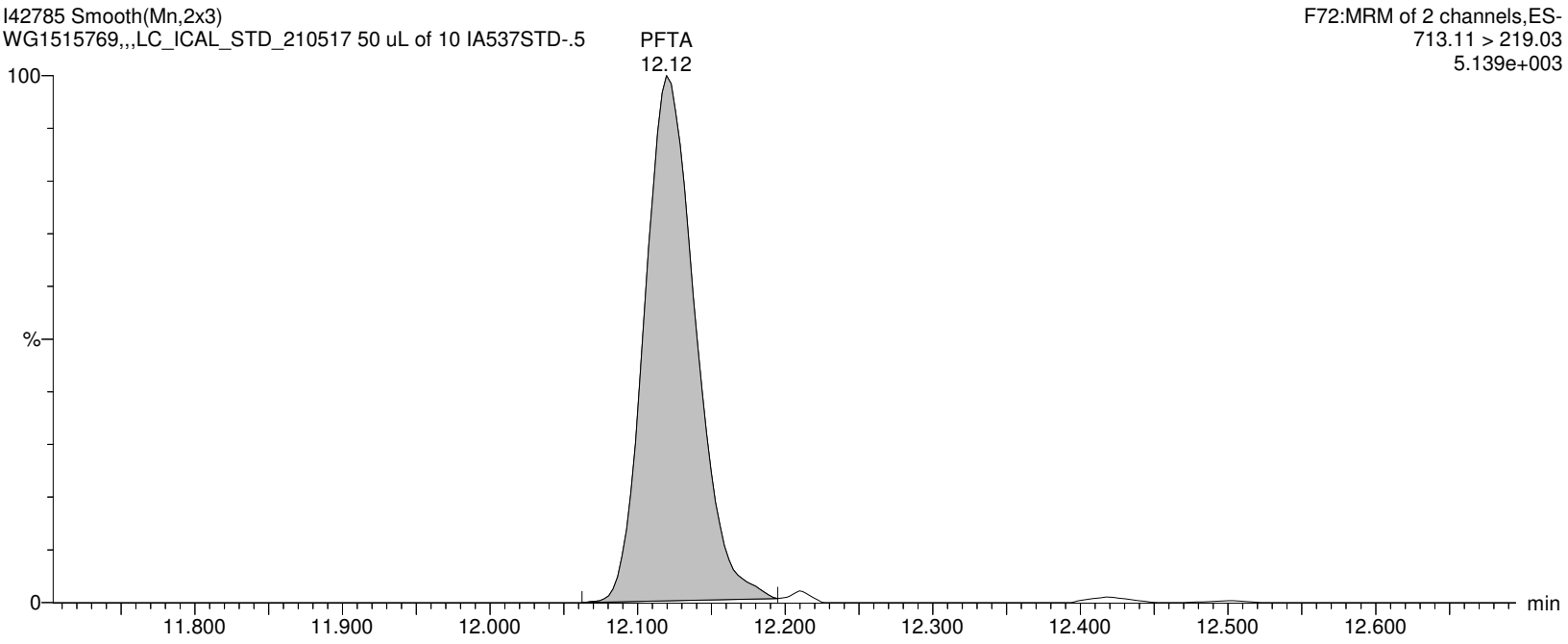
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTA



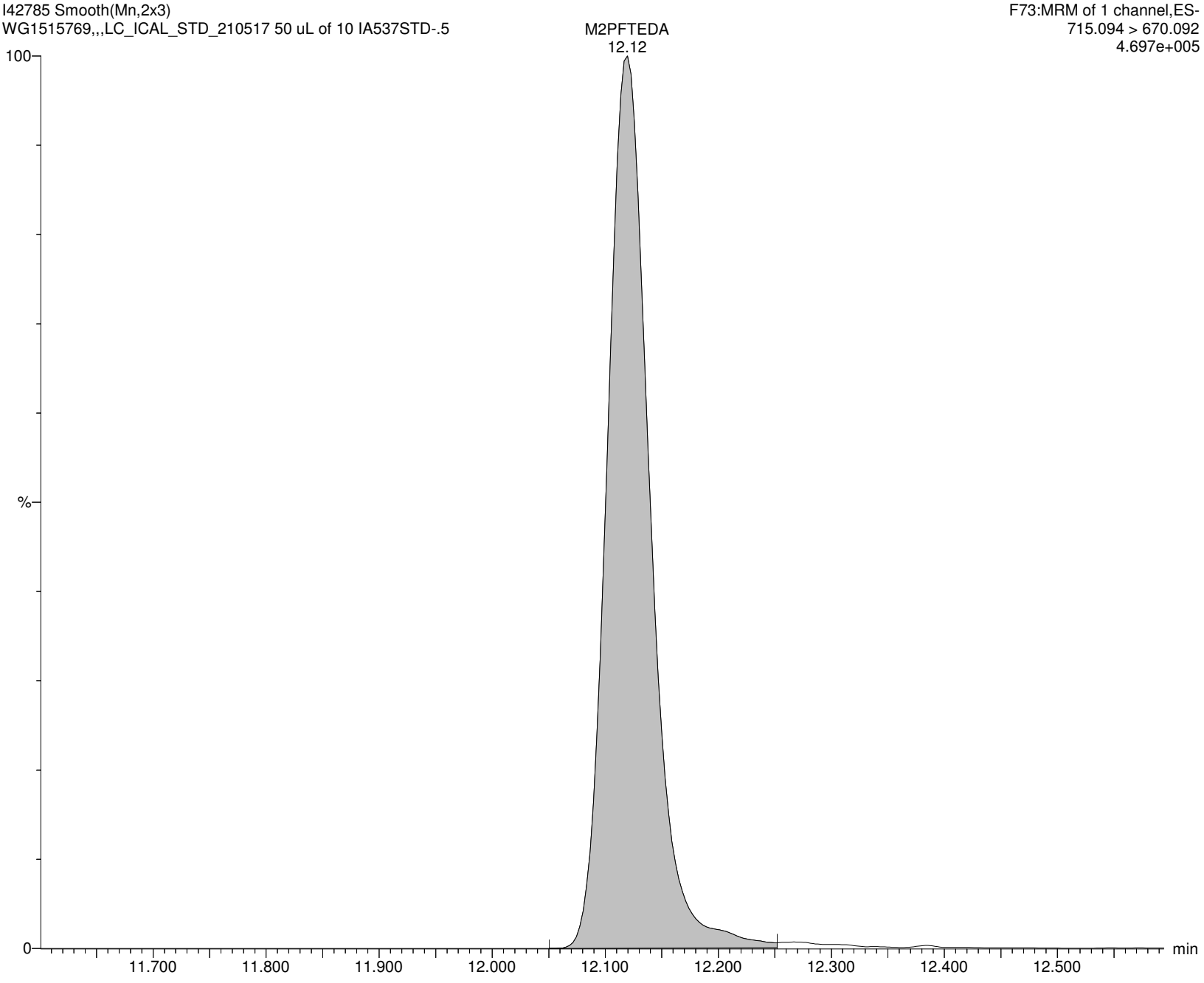


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFTEDA

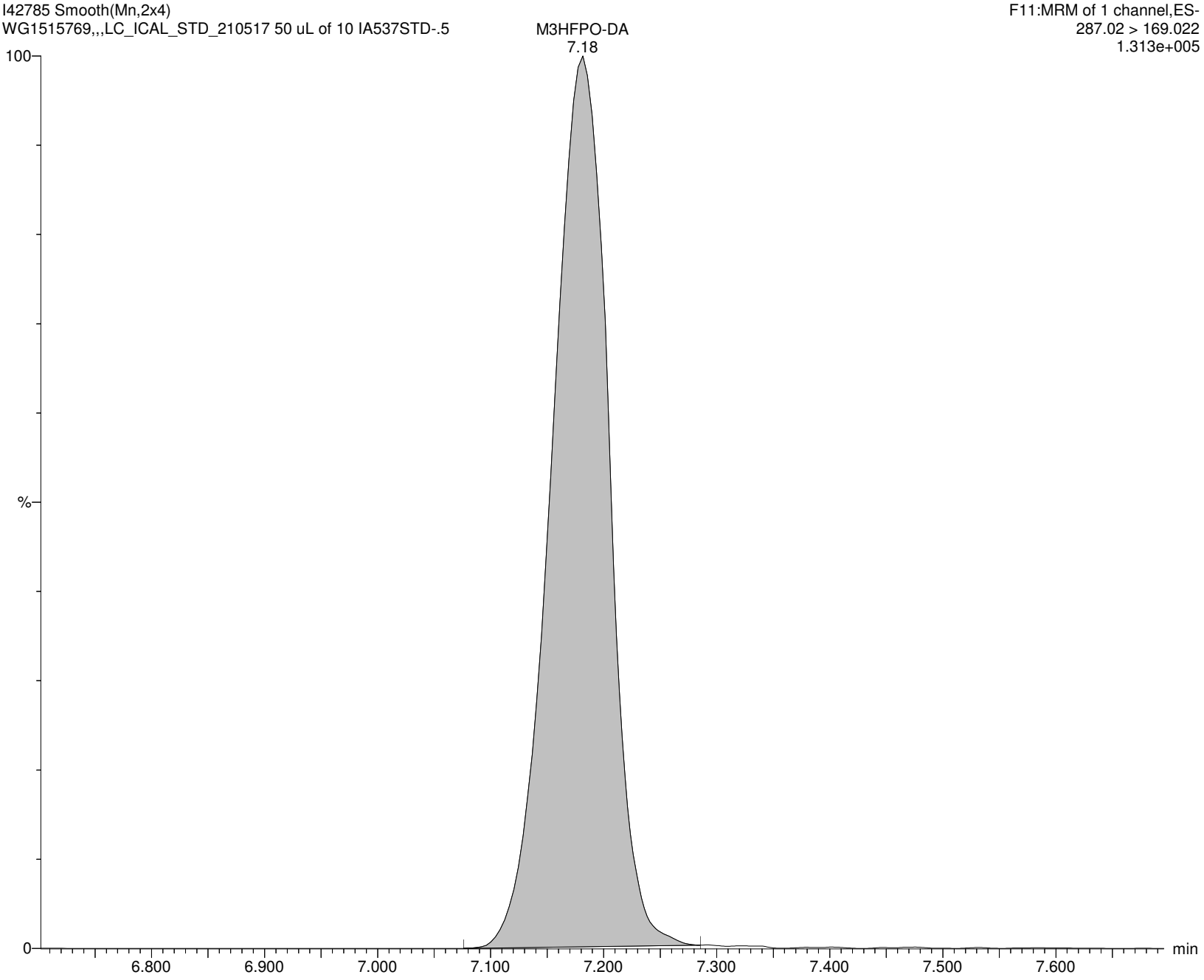


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3HFPO-DA

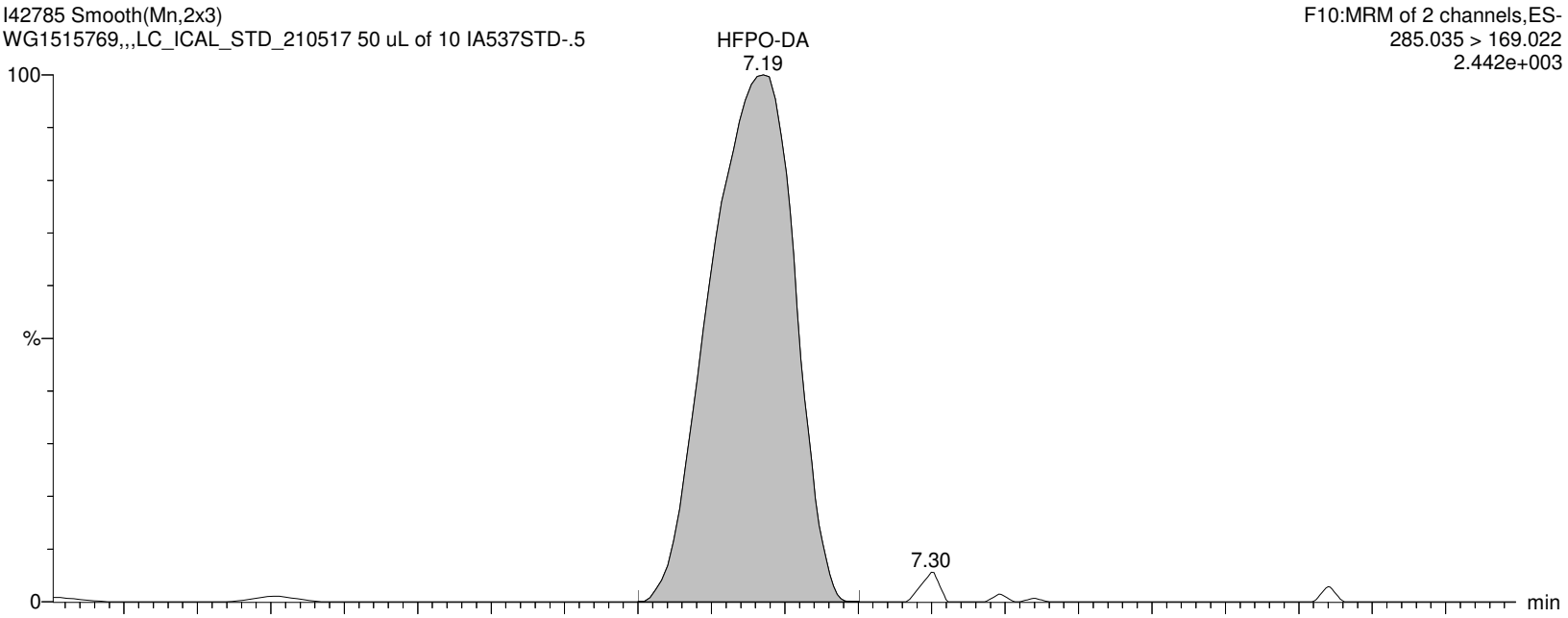


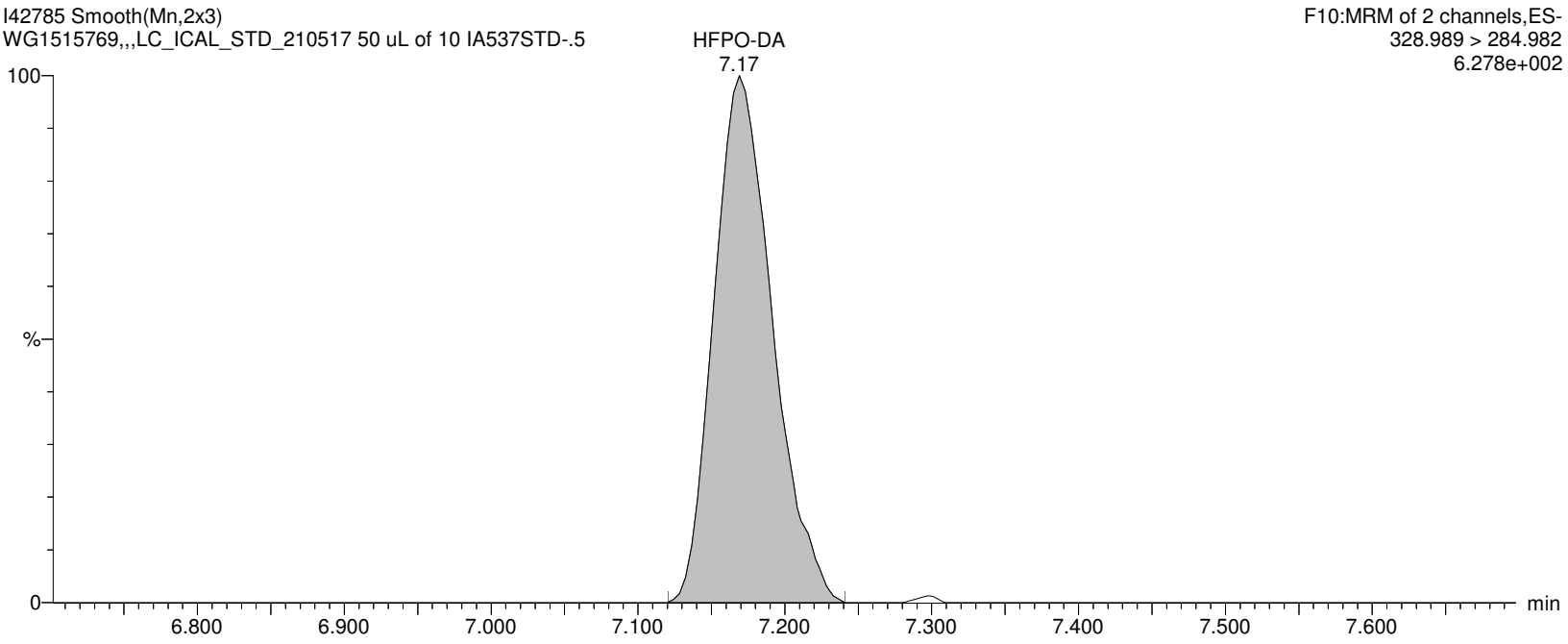
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

HFPO-DA



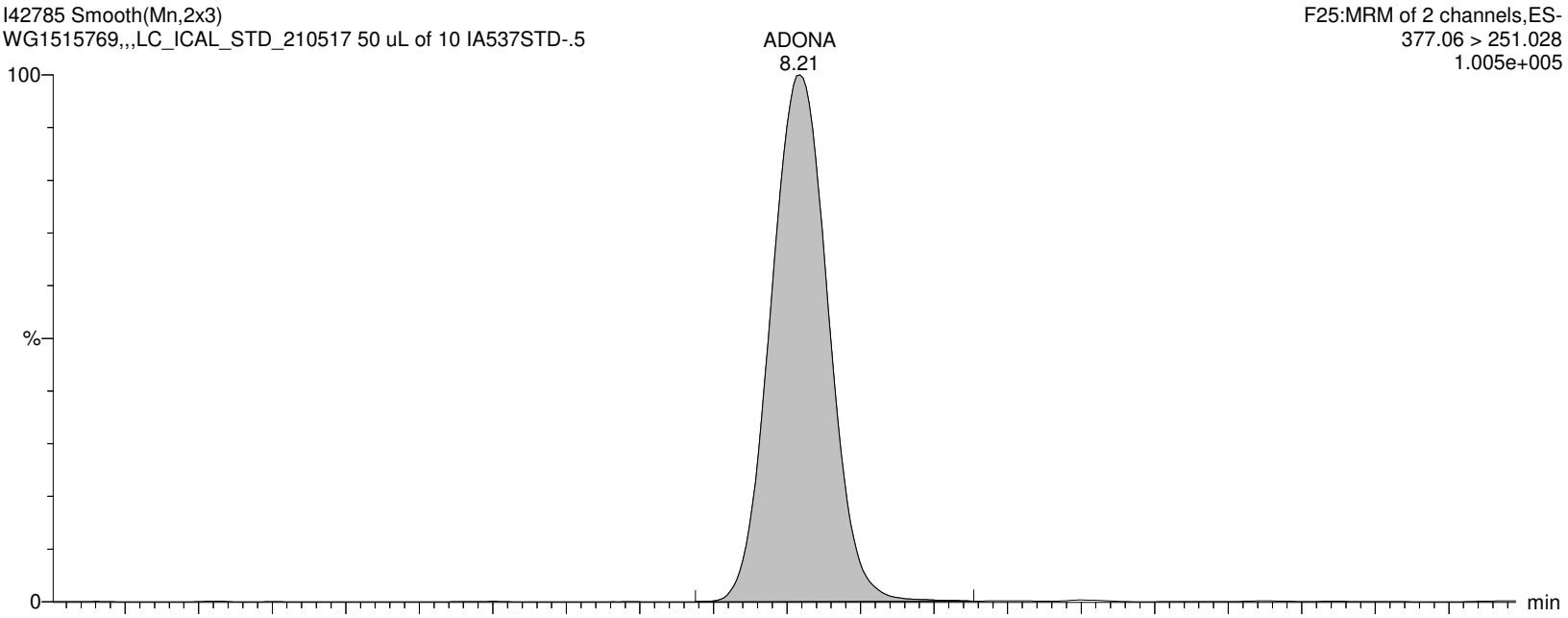


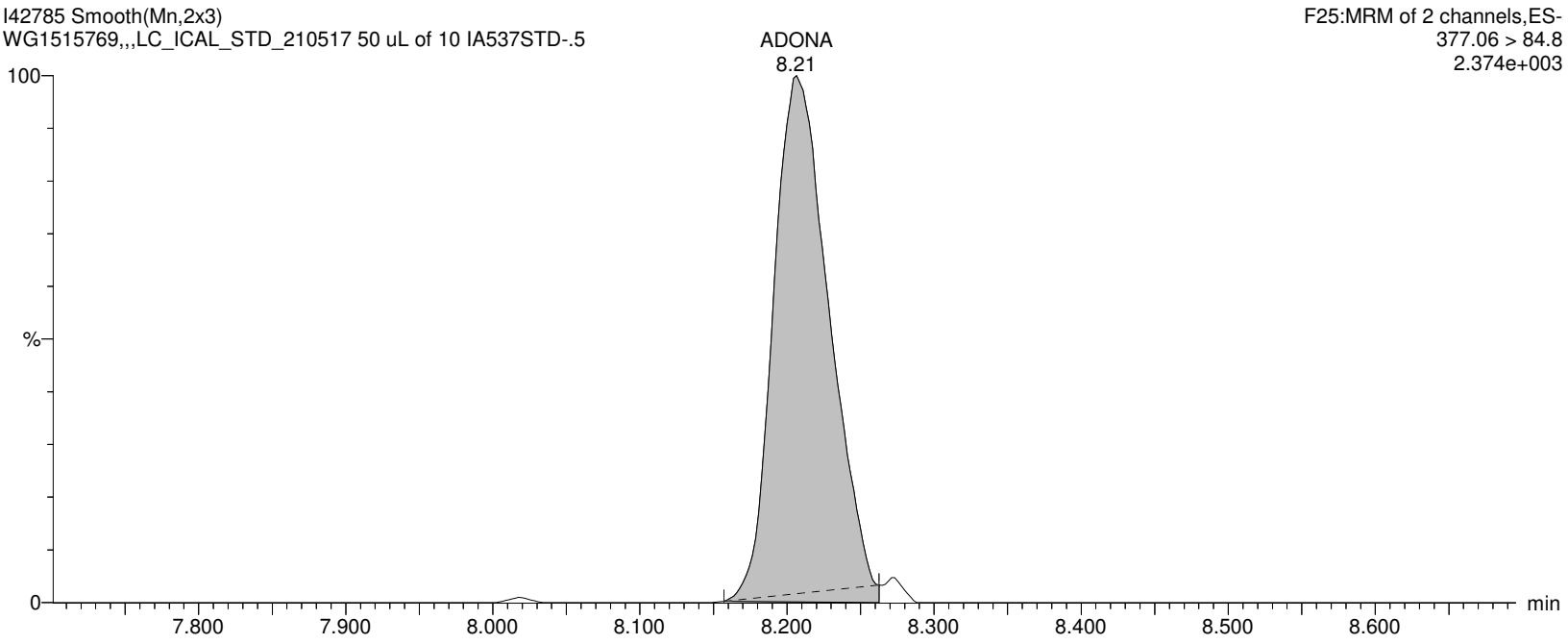
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

ADONA

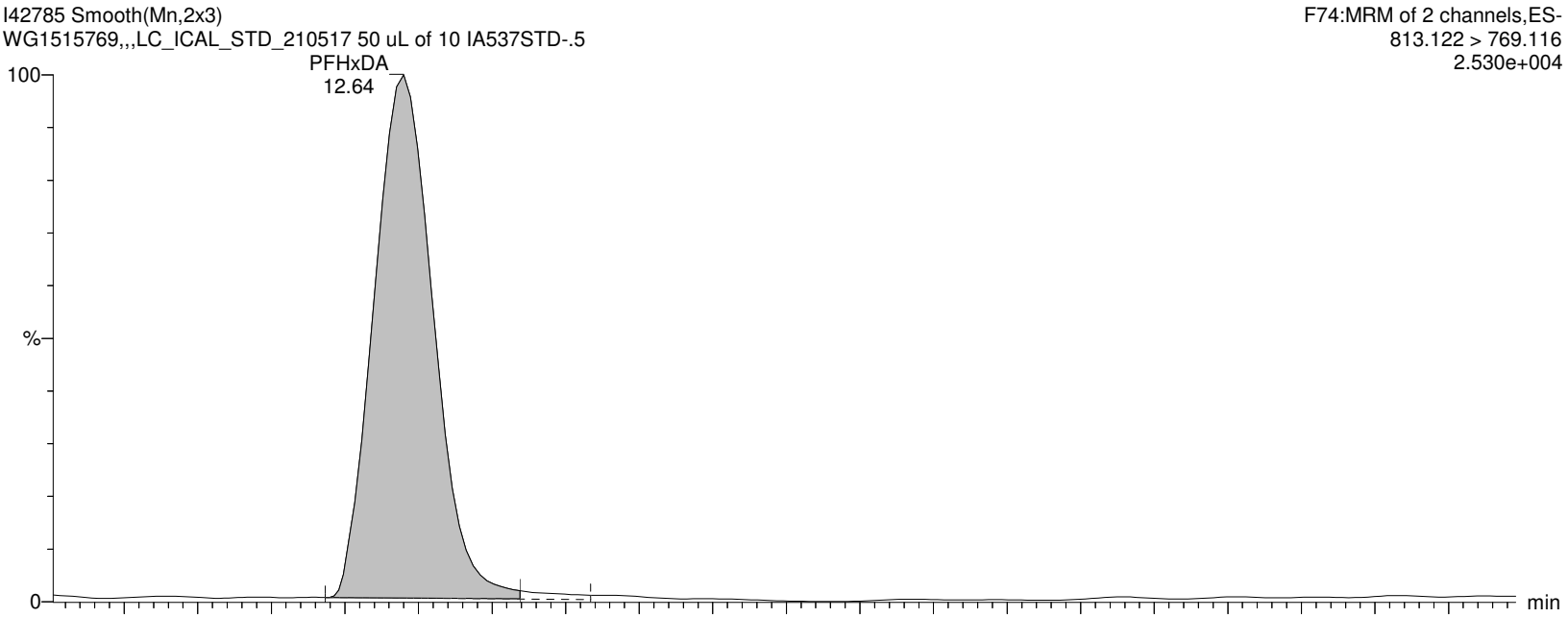


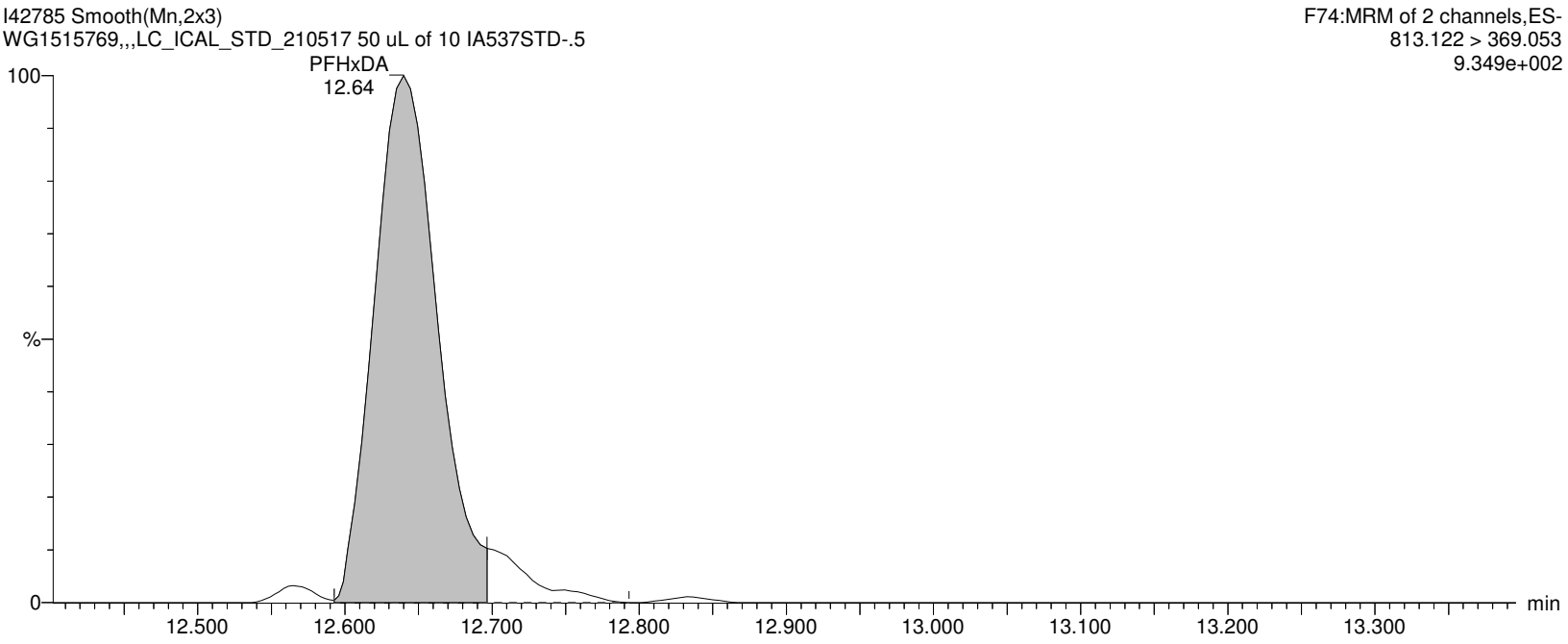


all concentration units in (ng/mL)

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxDA



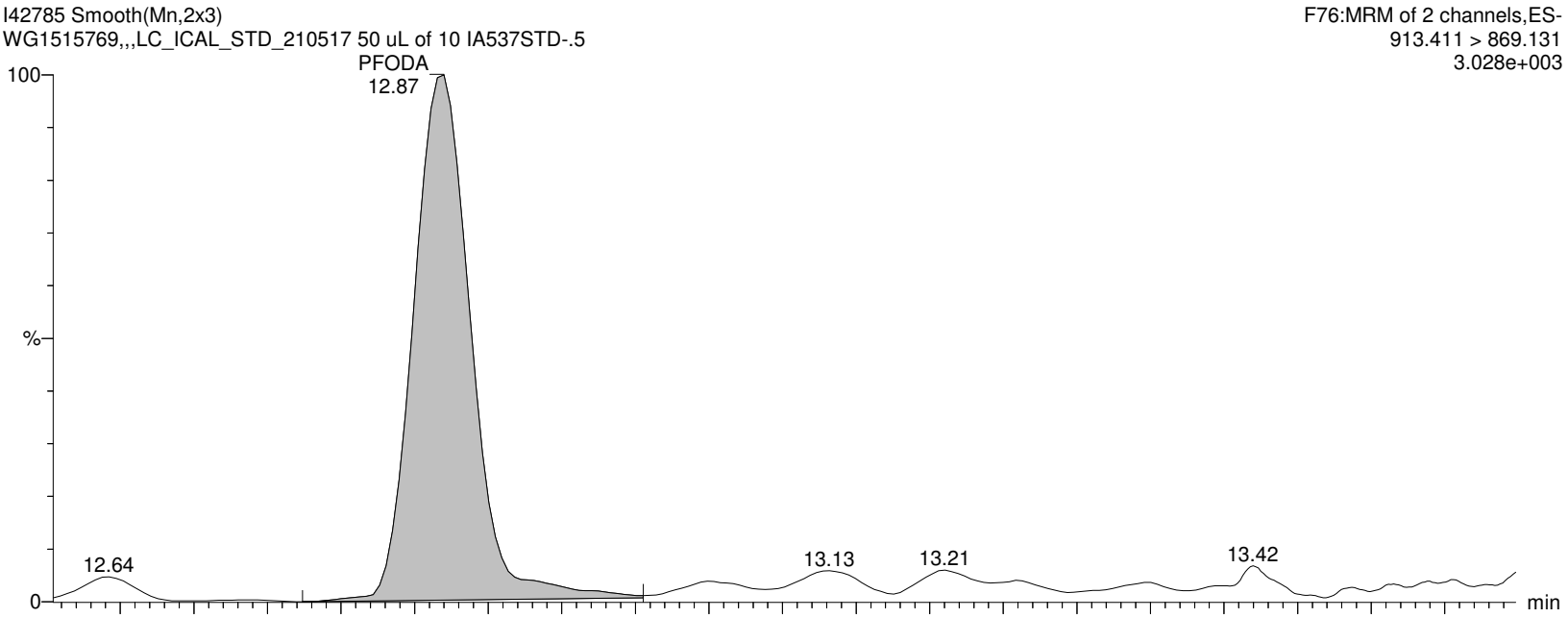


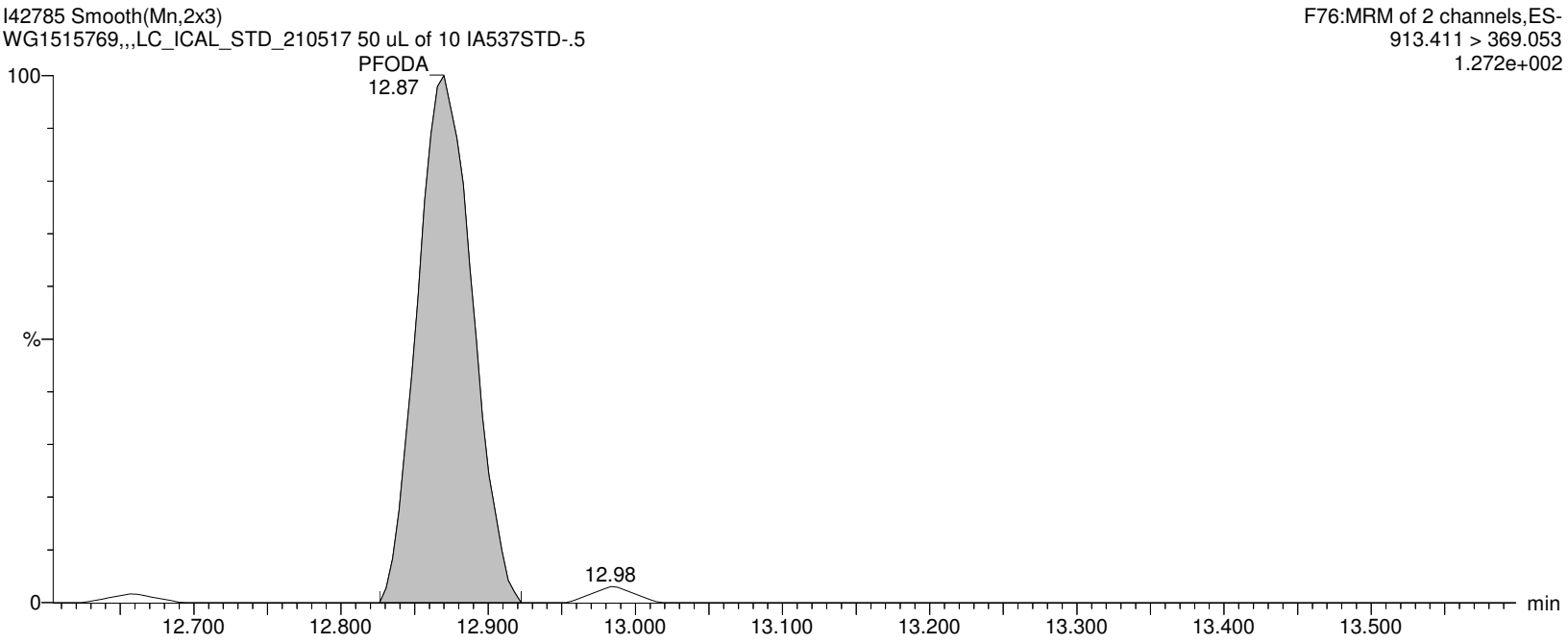
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFODA



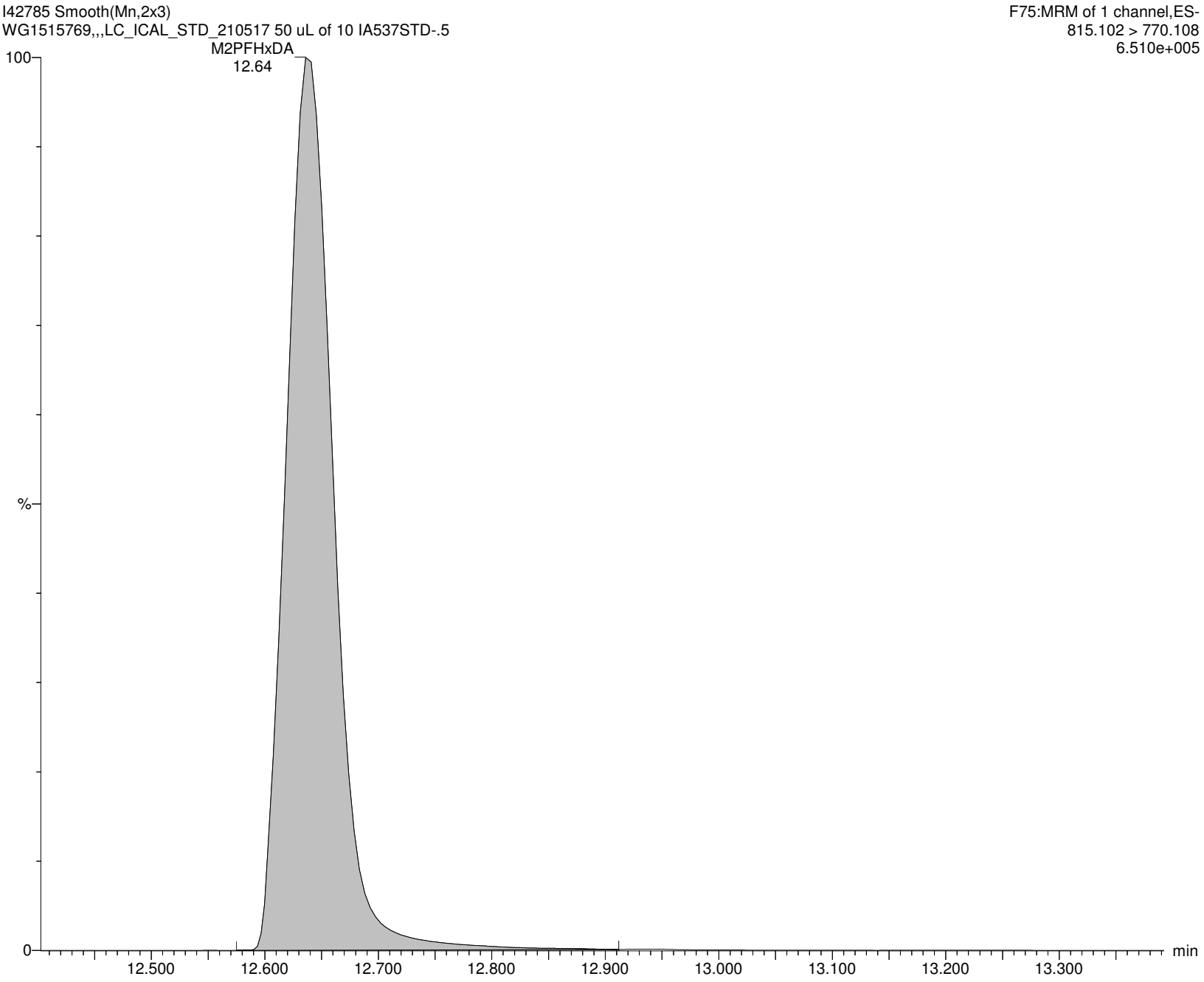


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFHxDA

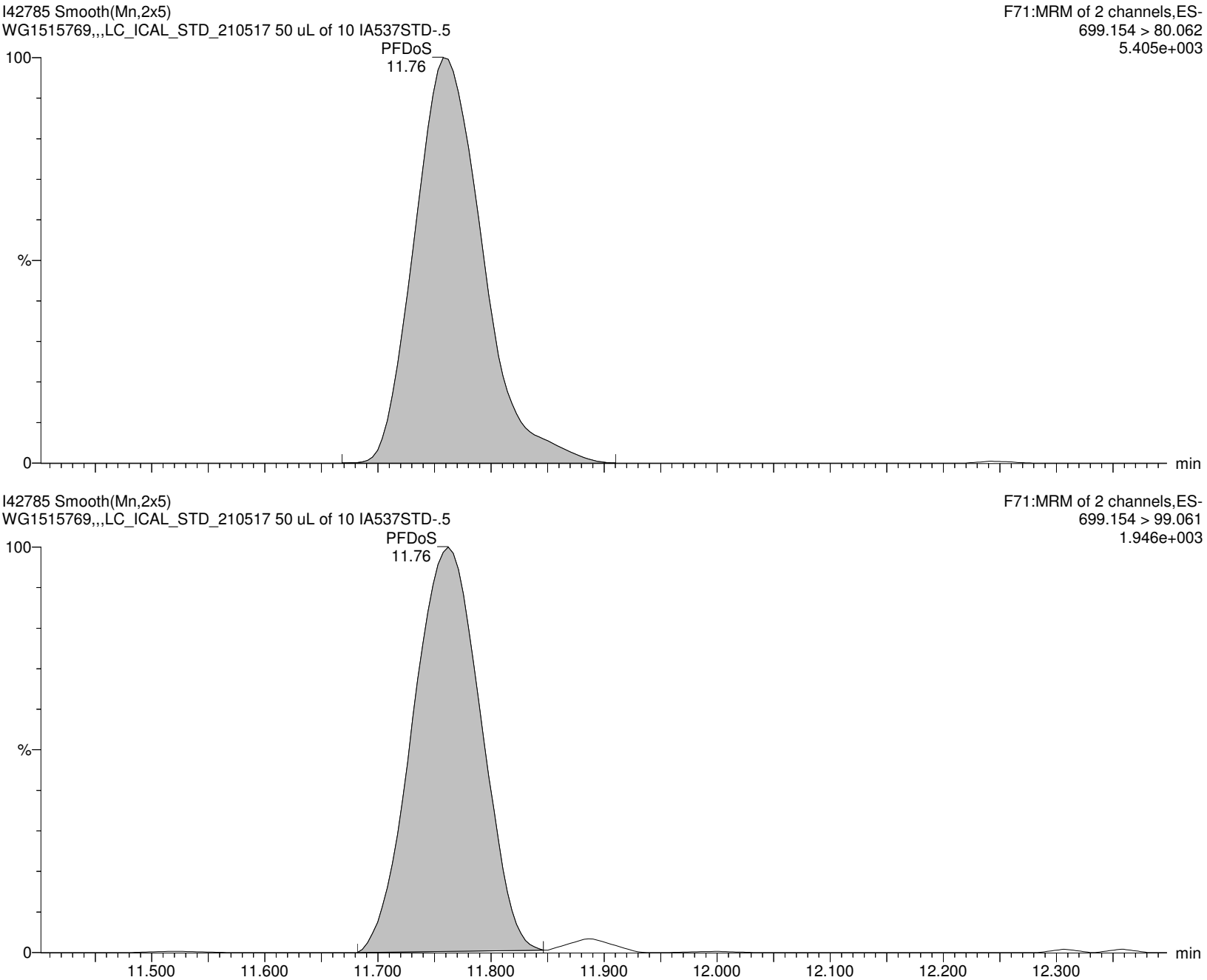


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoS

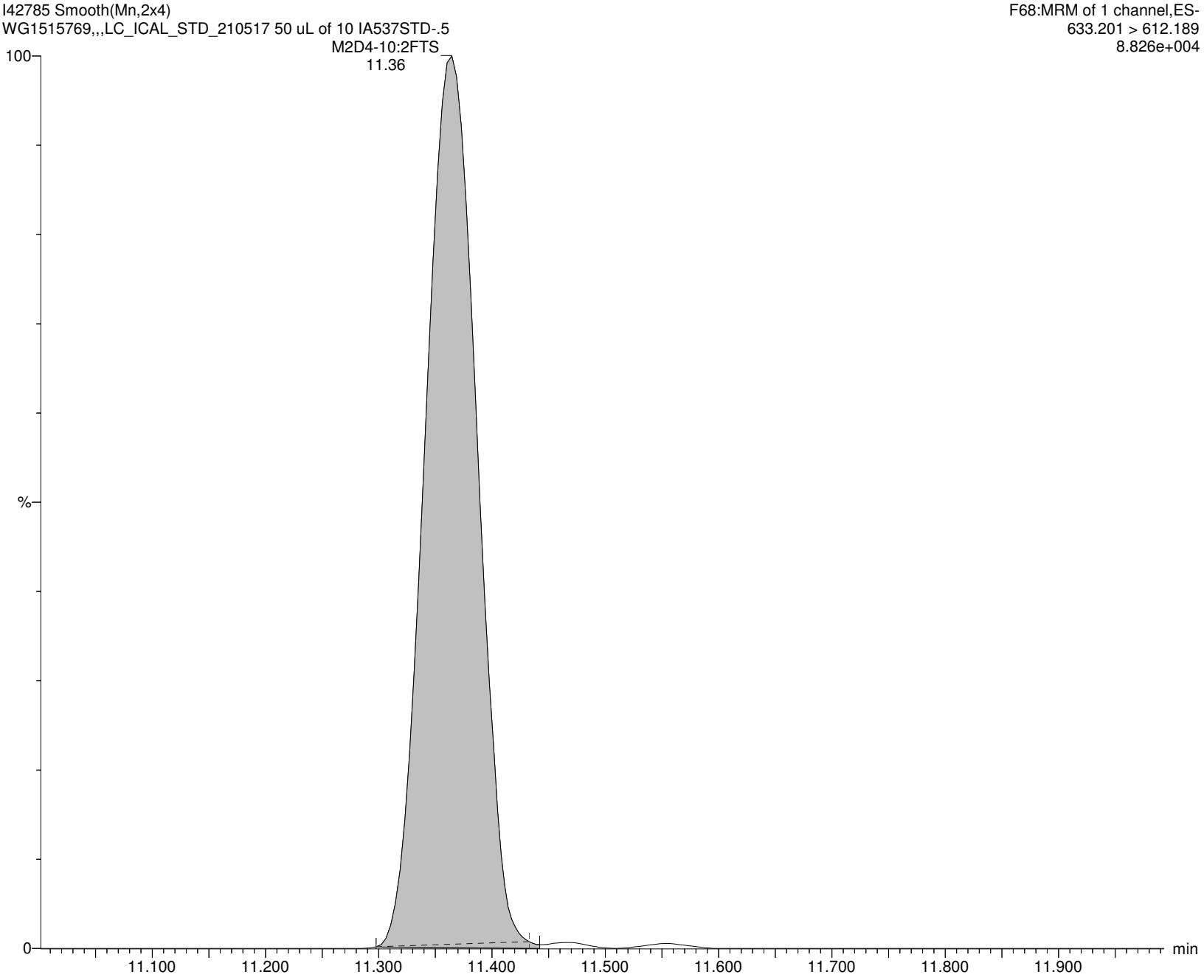


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2D4-10:2FTS

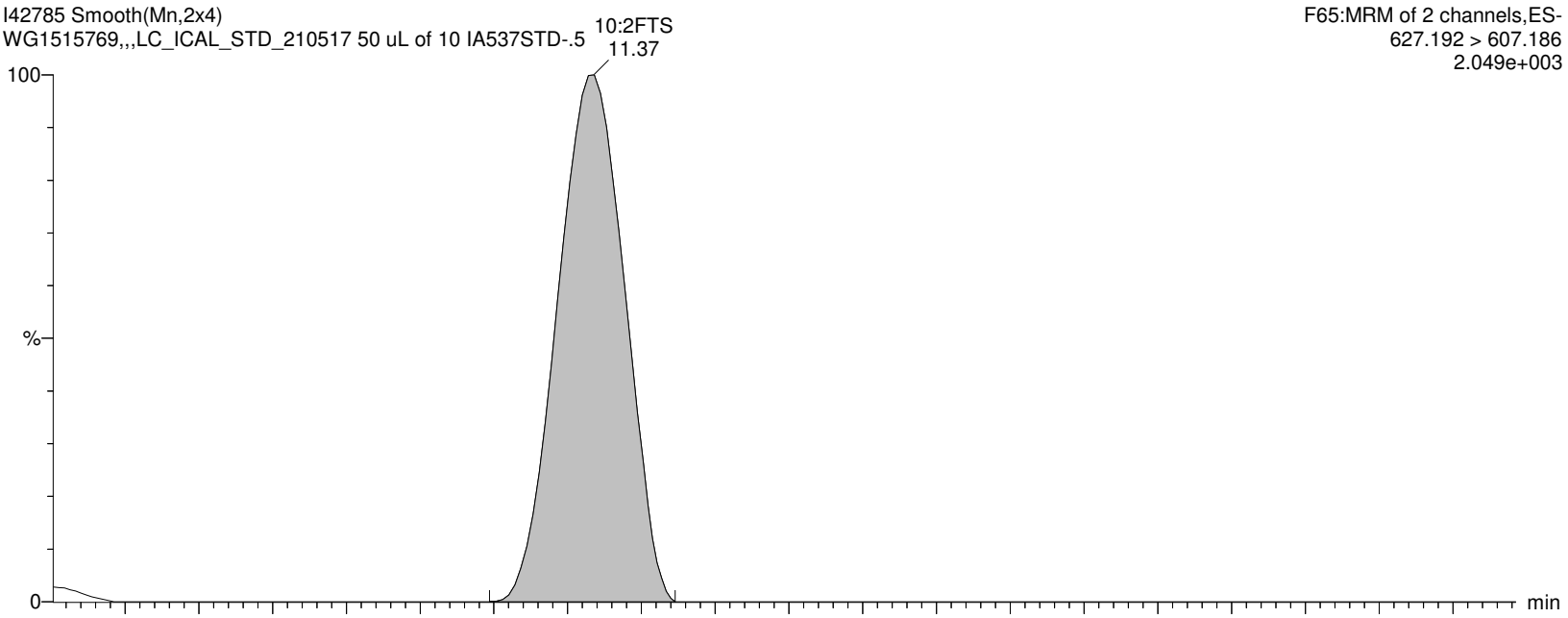


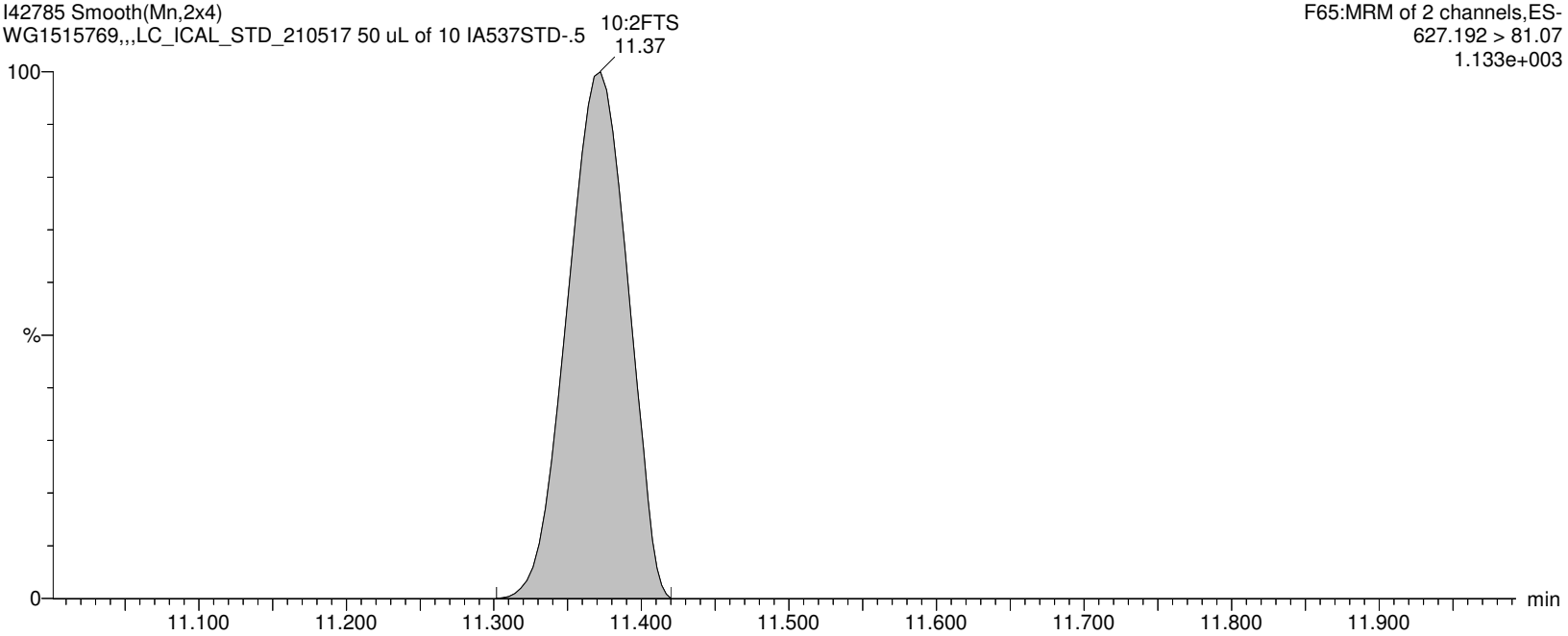
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

10:2FTS



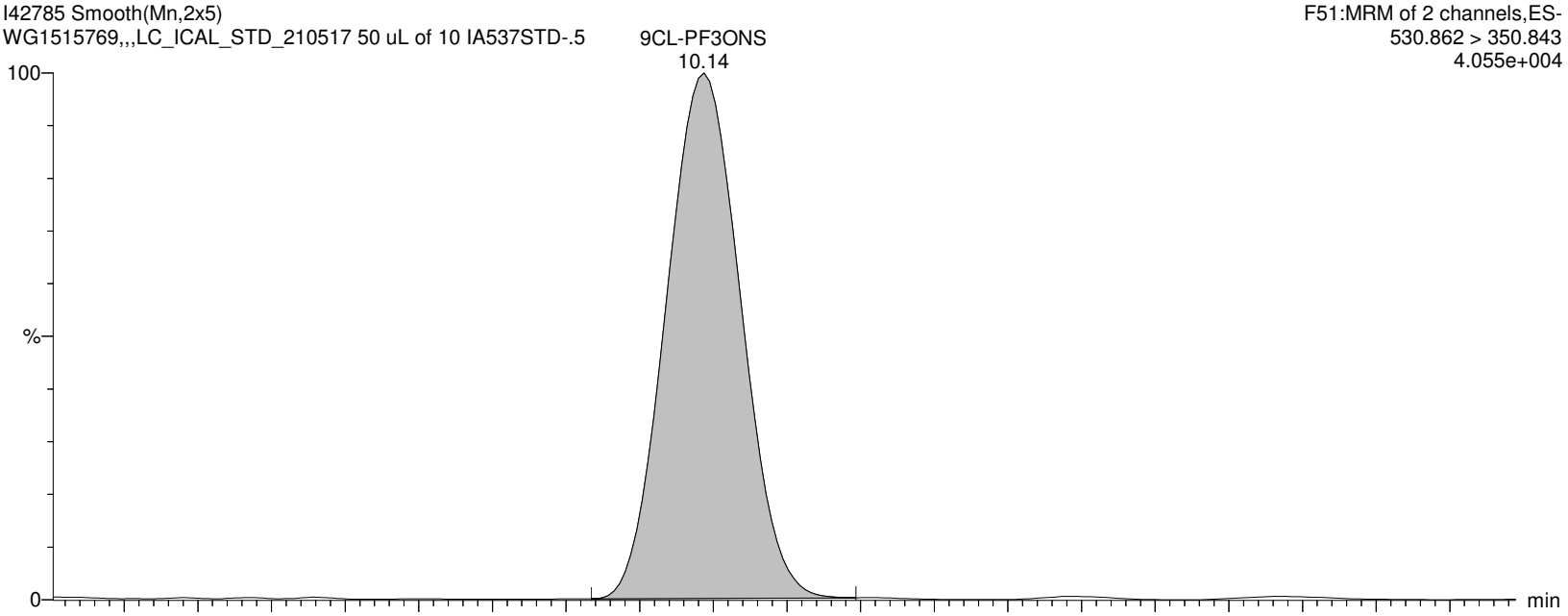


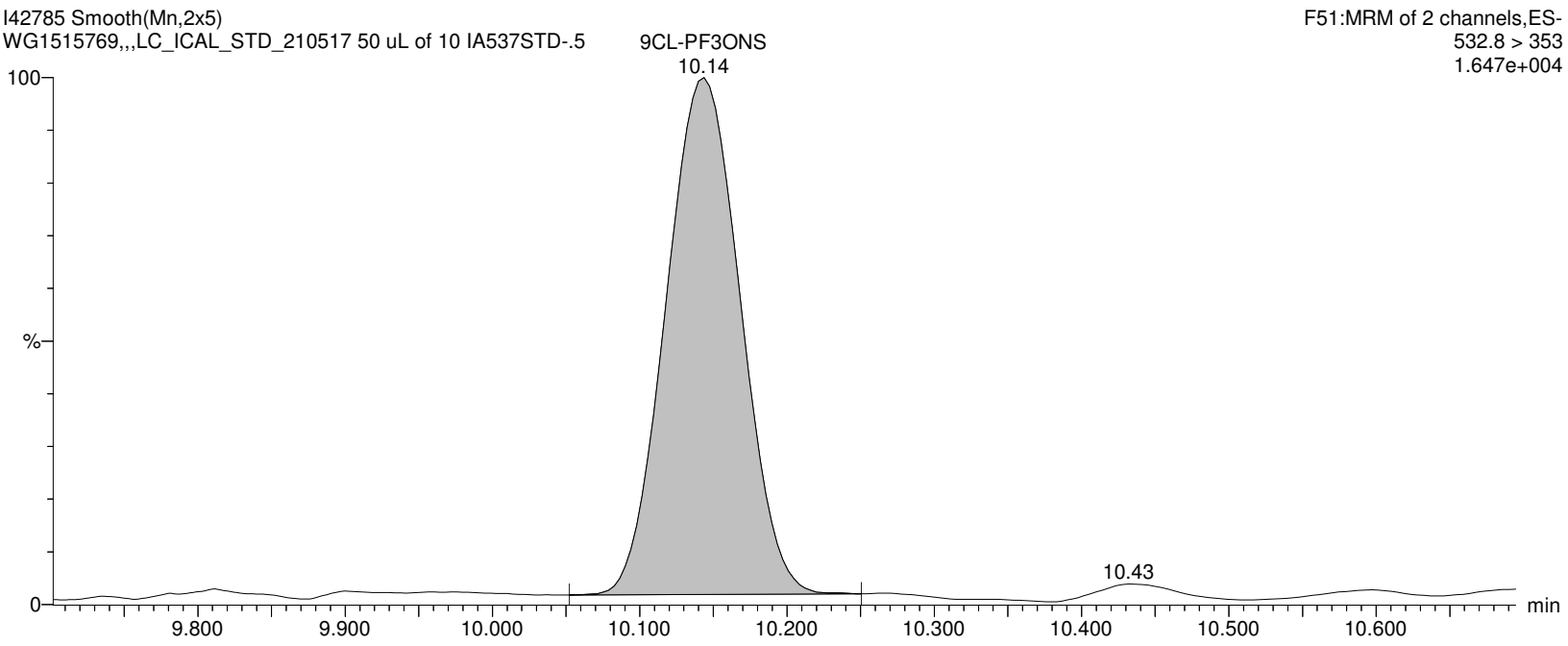
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

9CL-PF3ONS



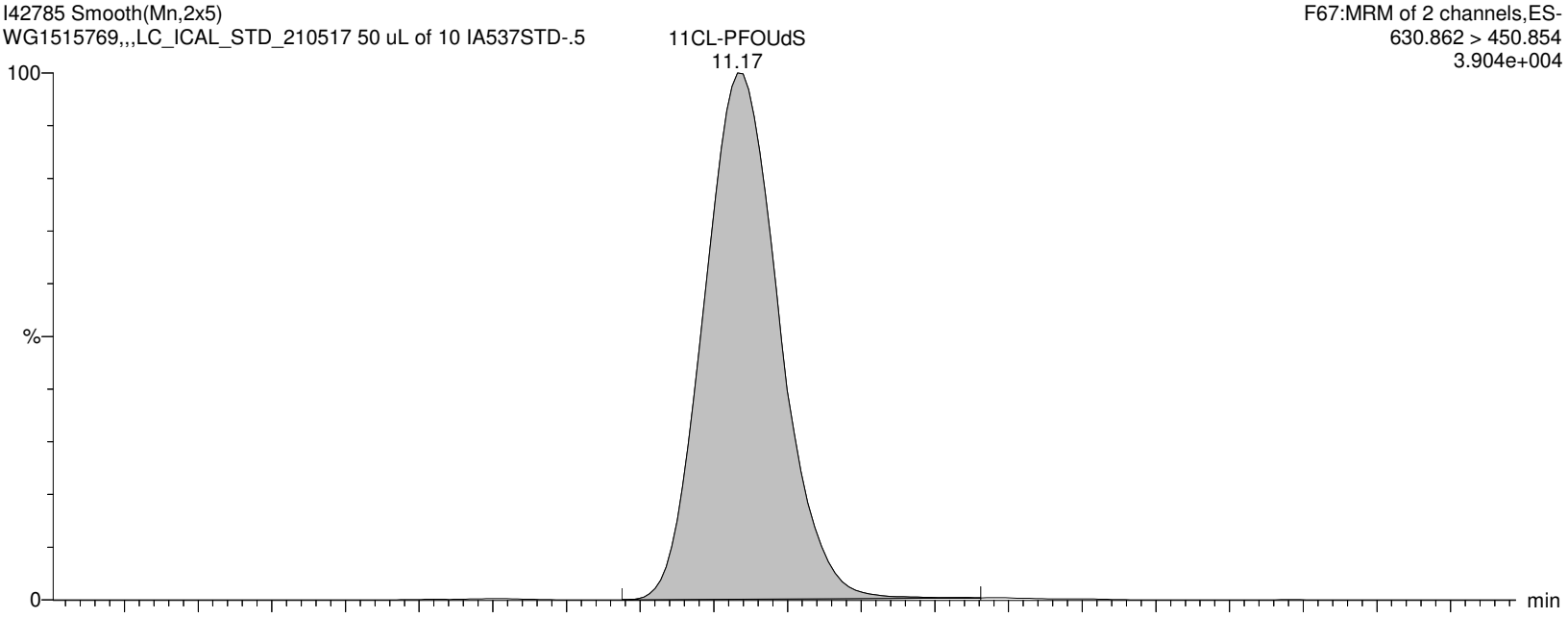


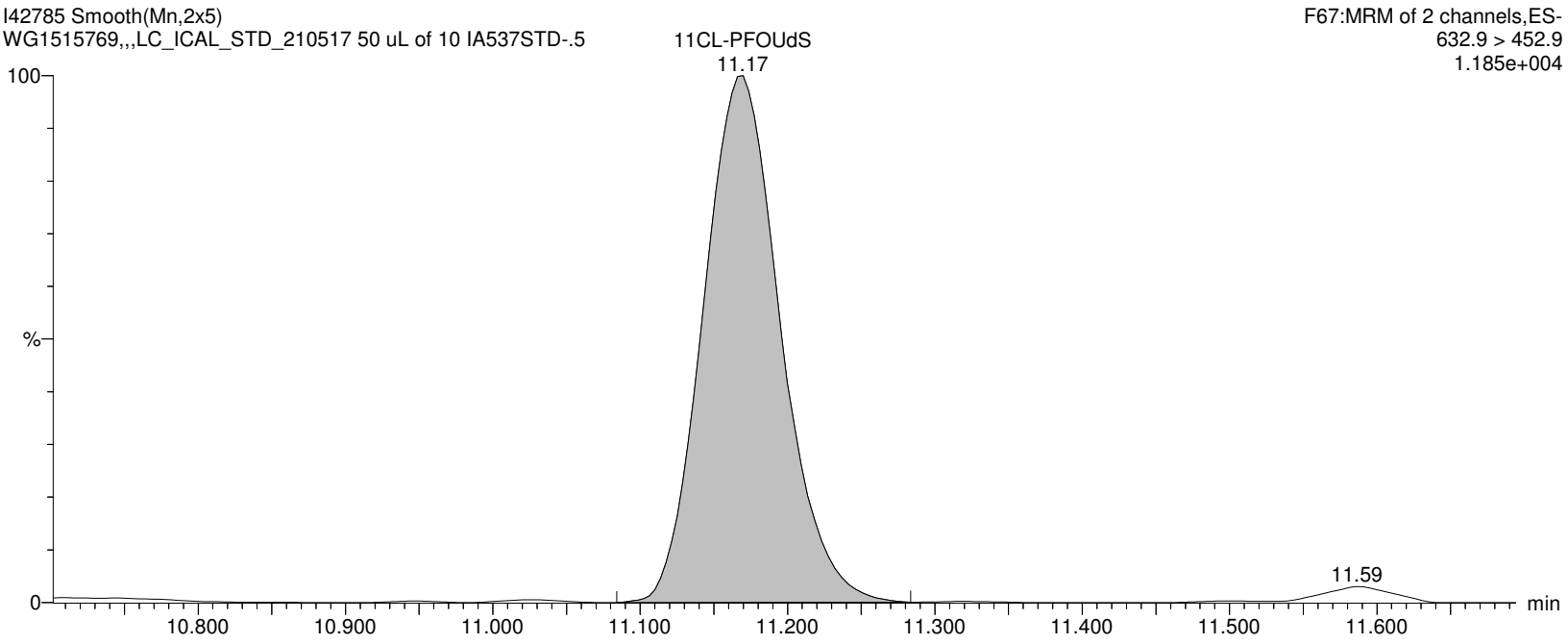
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

11CL-PFOUdS



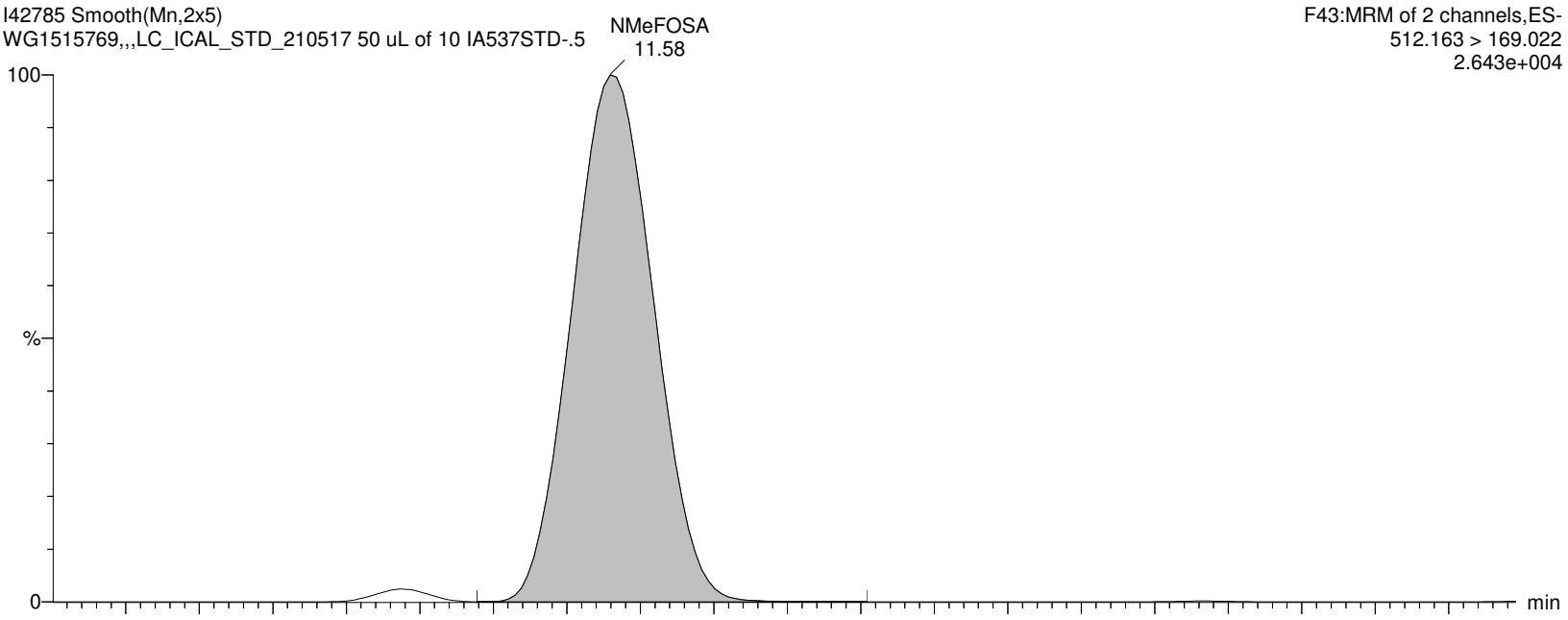


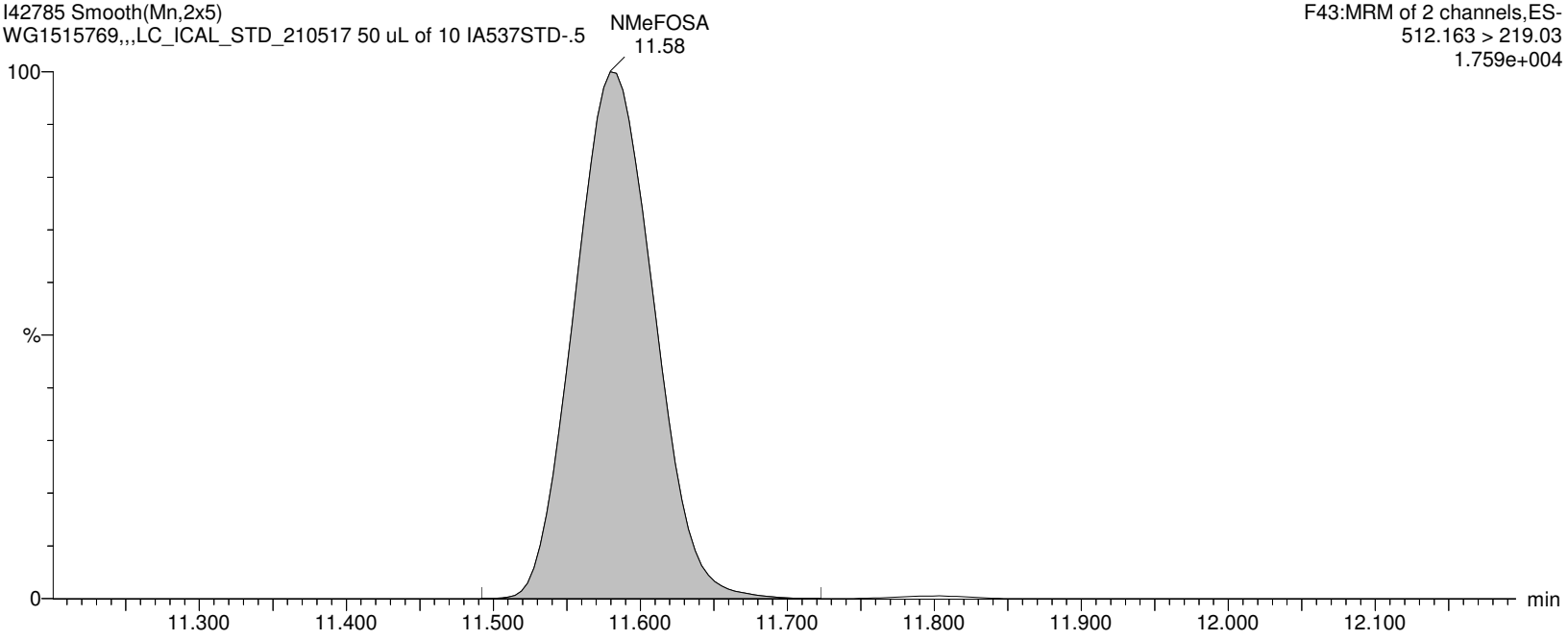
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSA



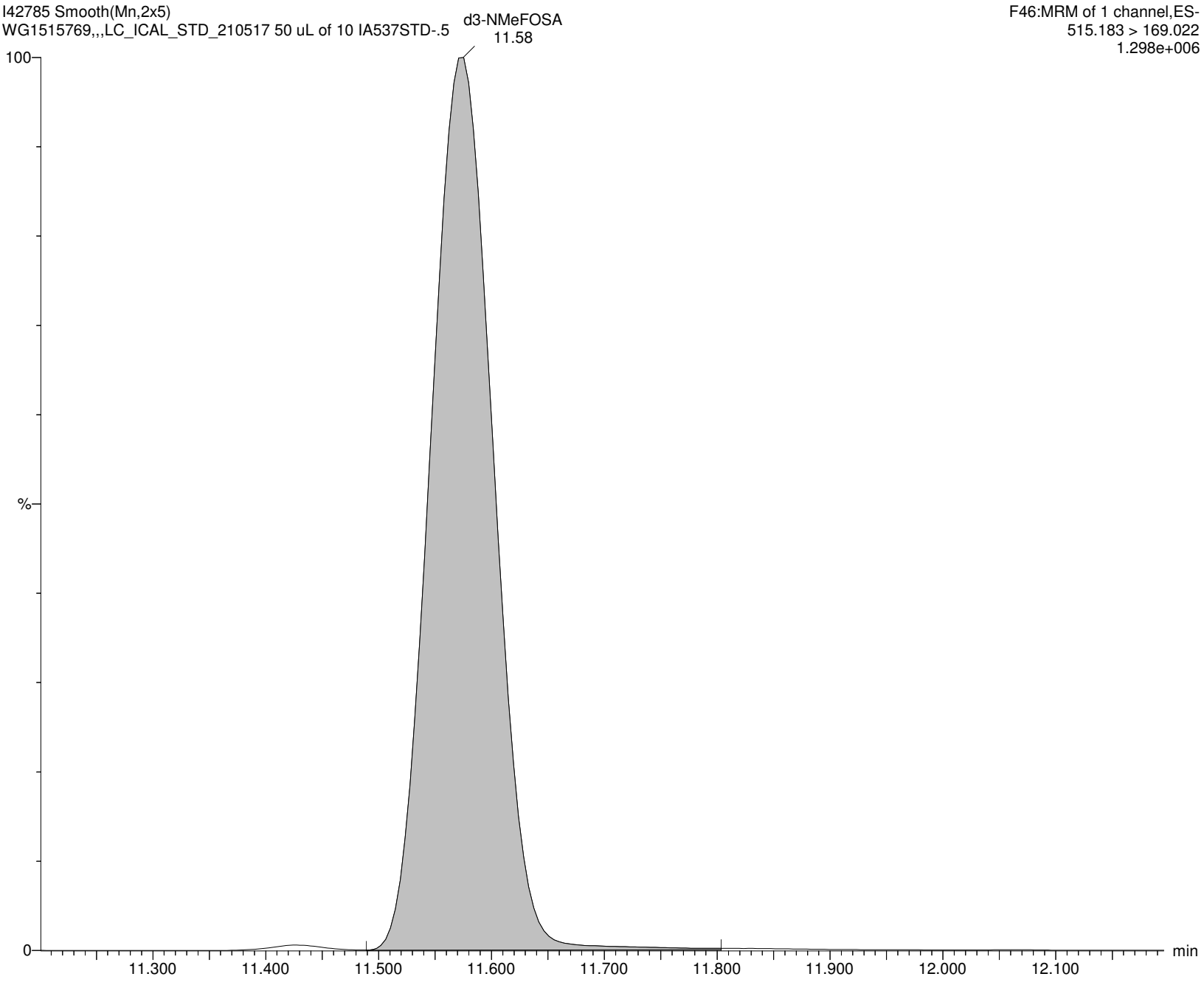


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSA

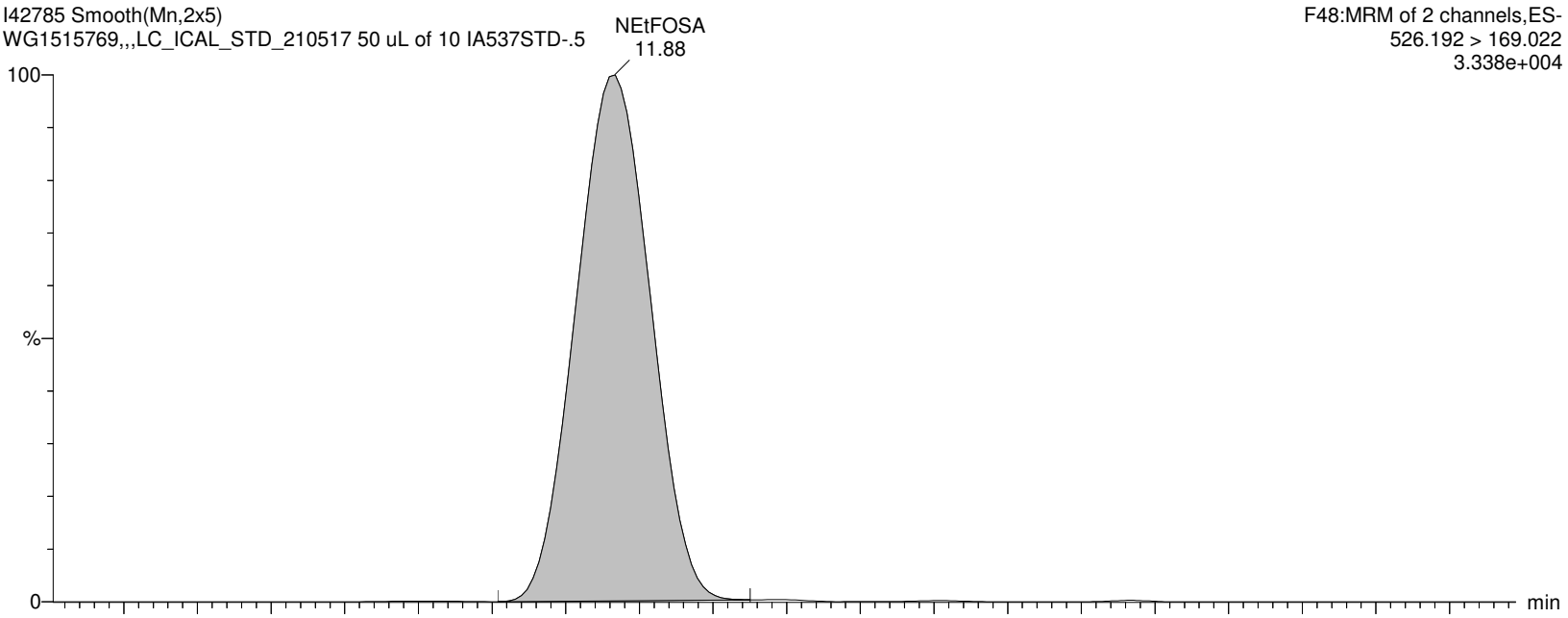


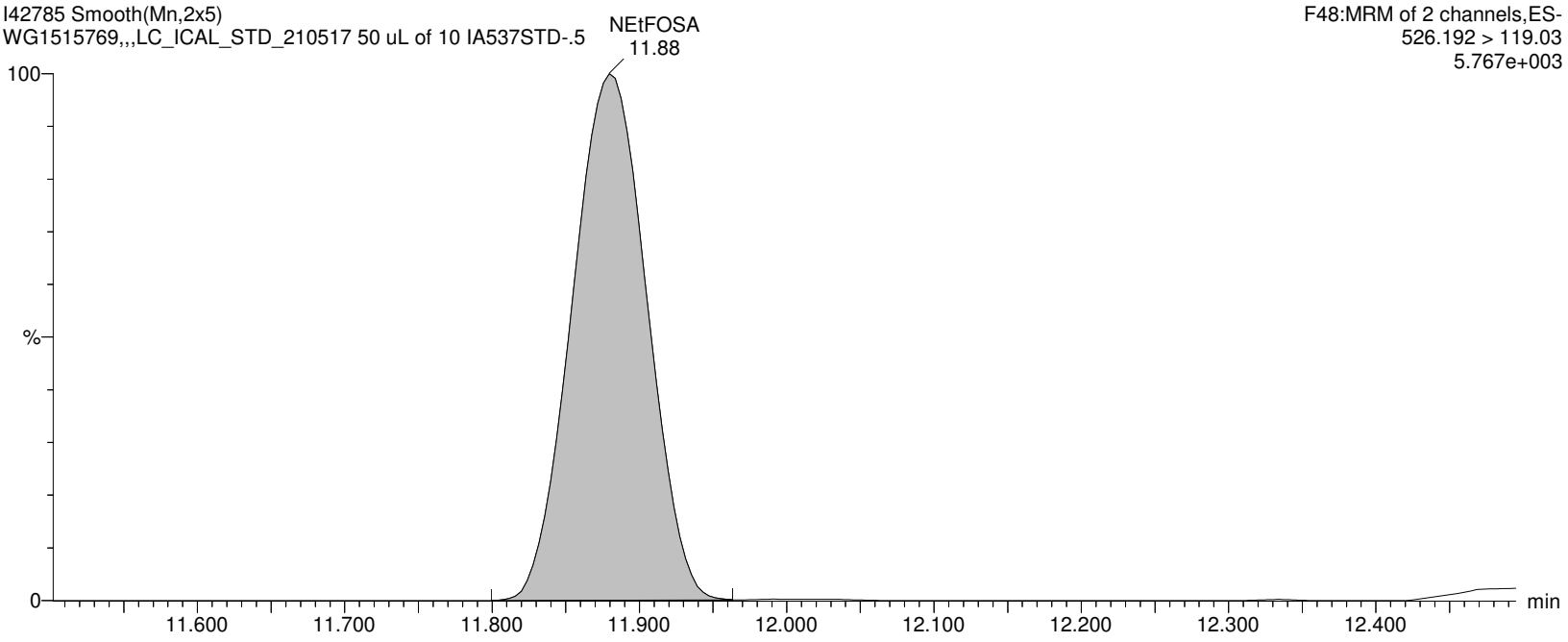
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSA



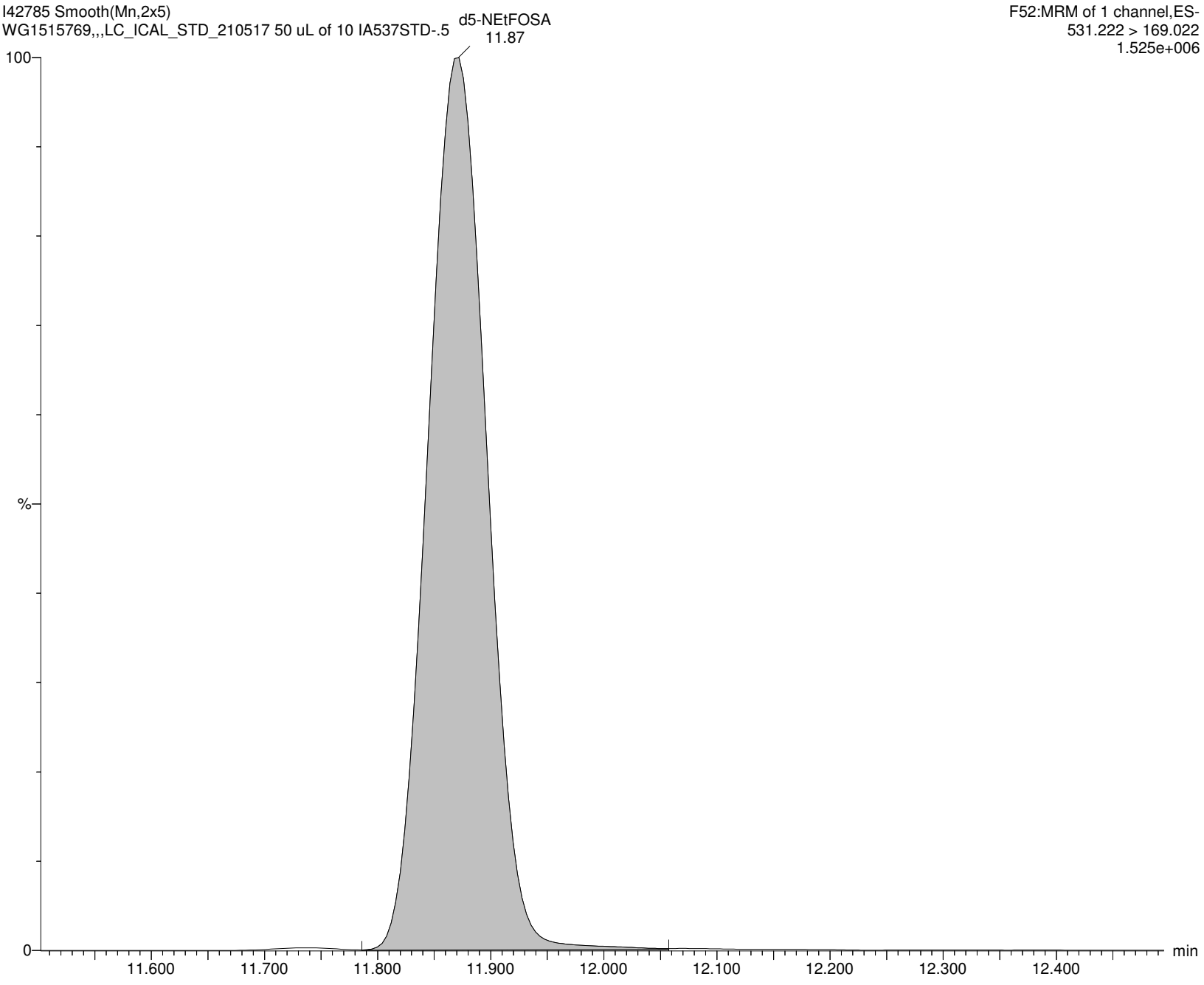


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSA

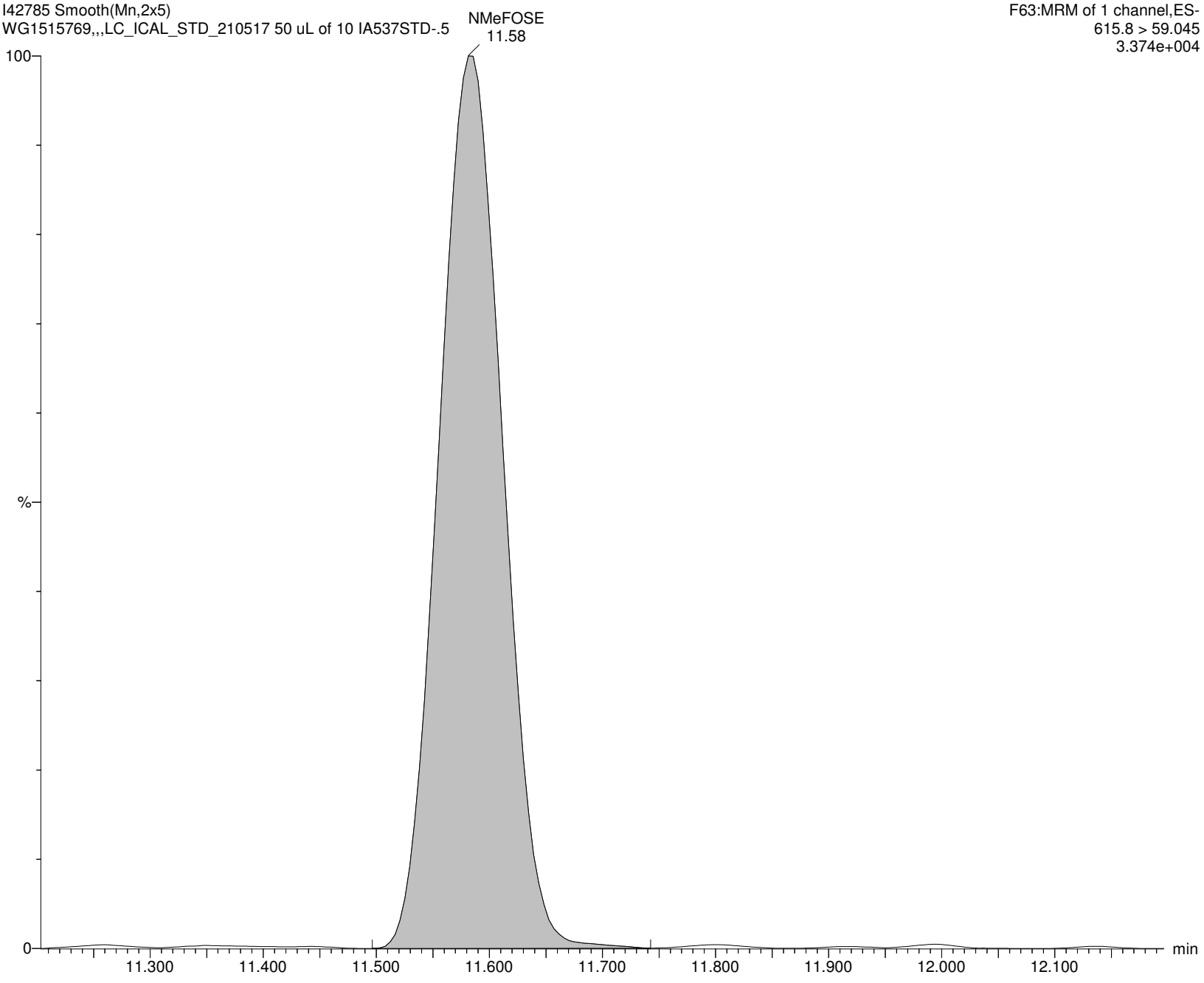


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSE

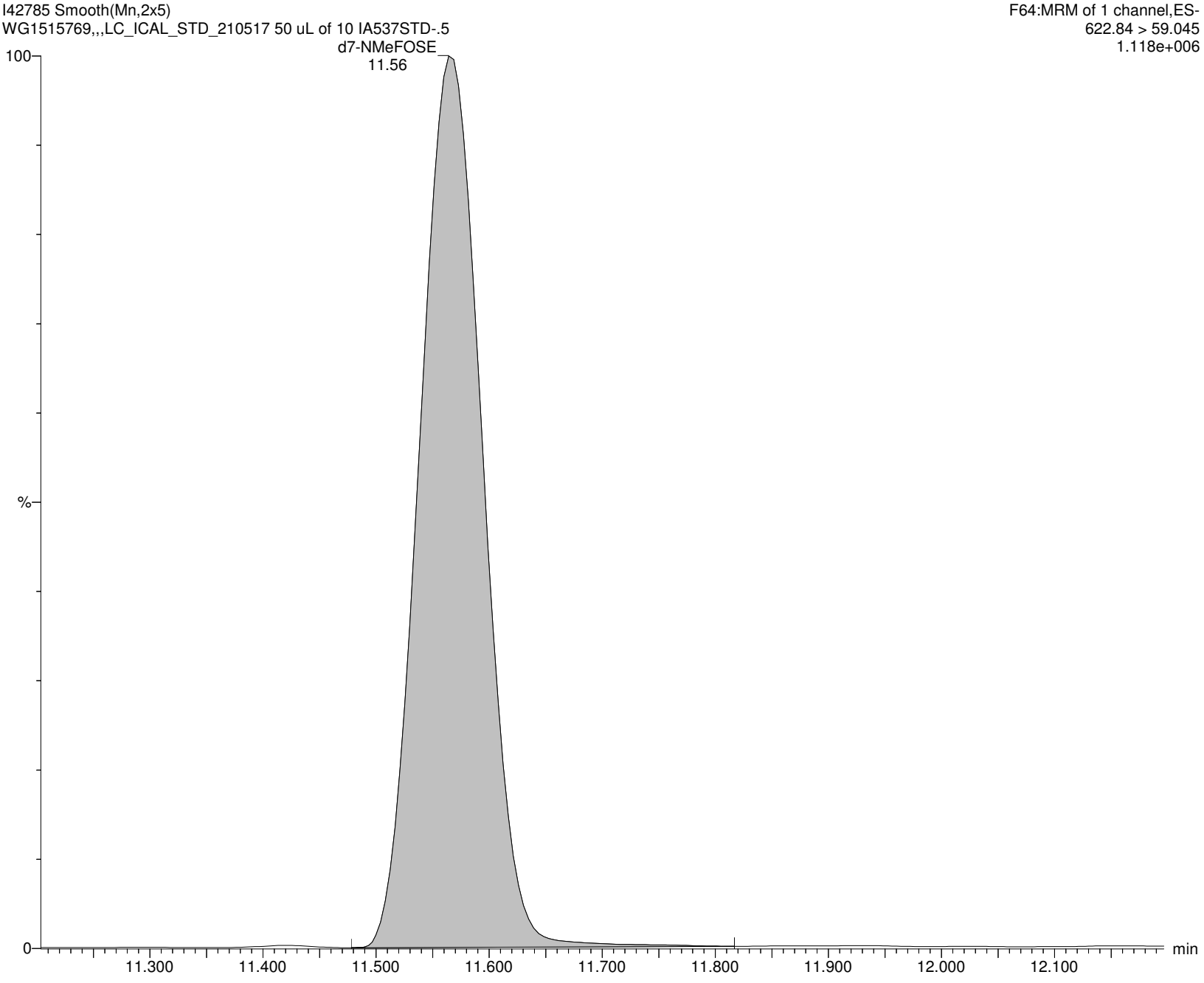


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d7-NMeFOSE

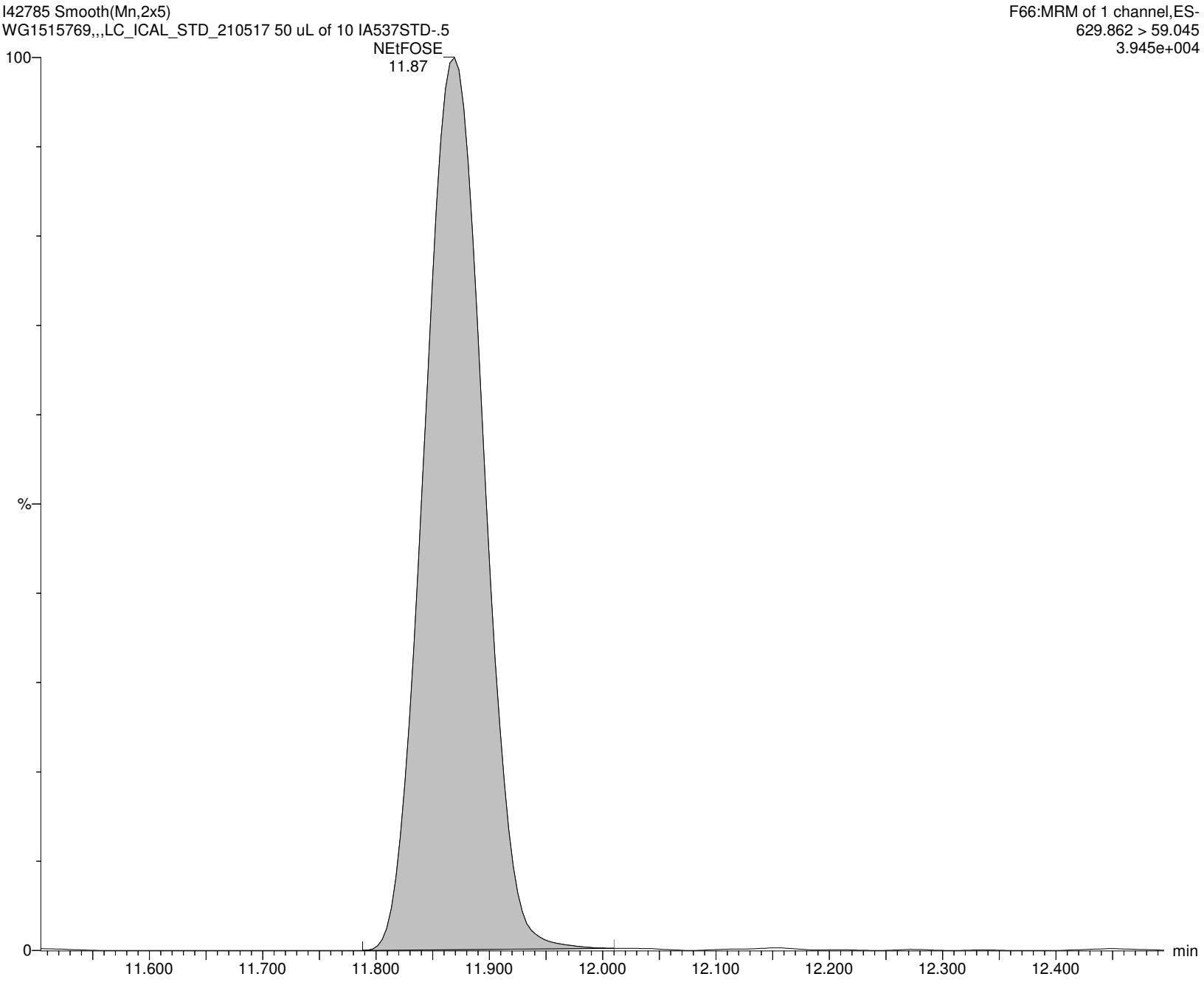


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSE

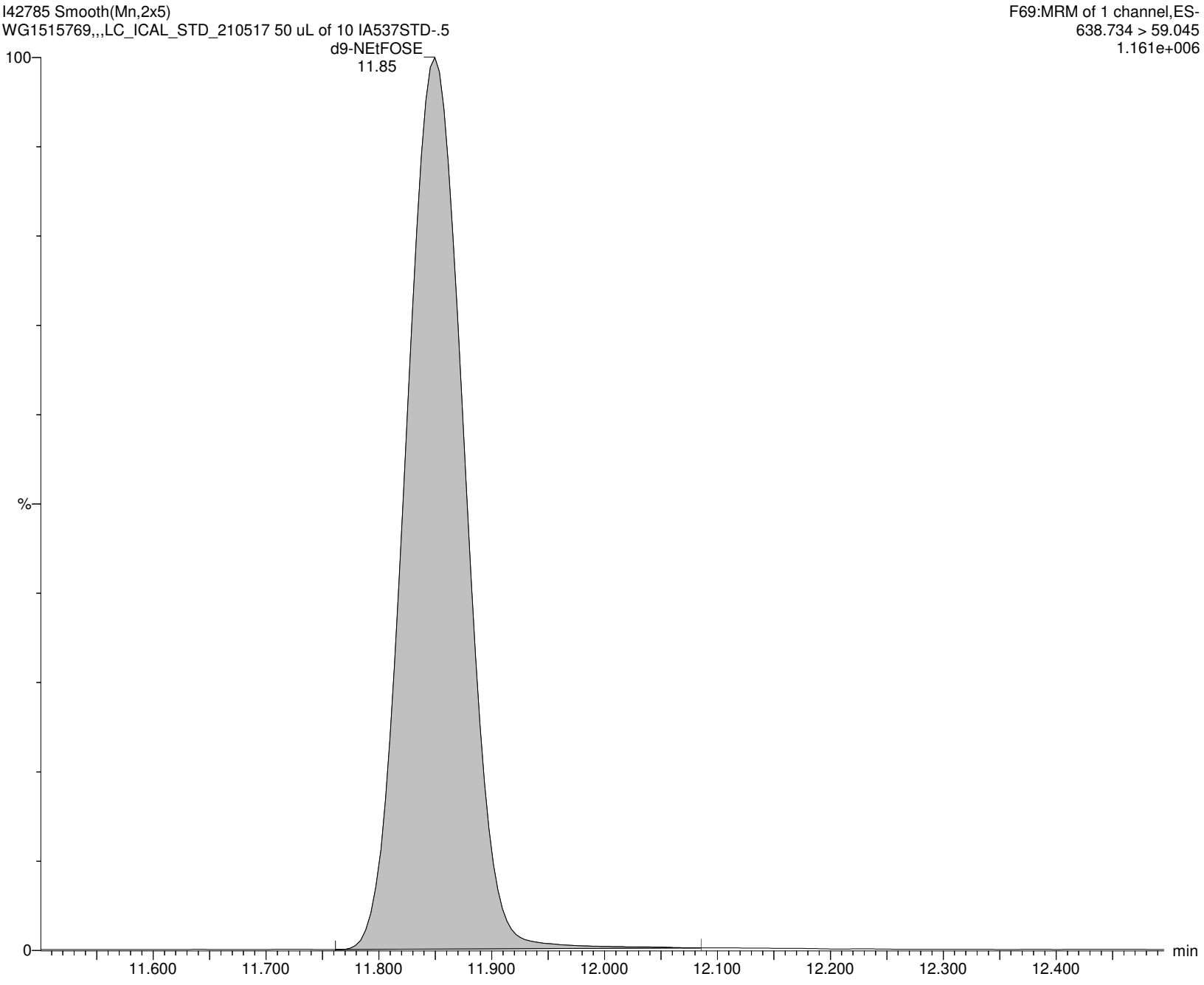


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d9-NEtFOSE

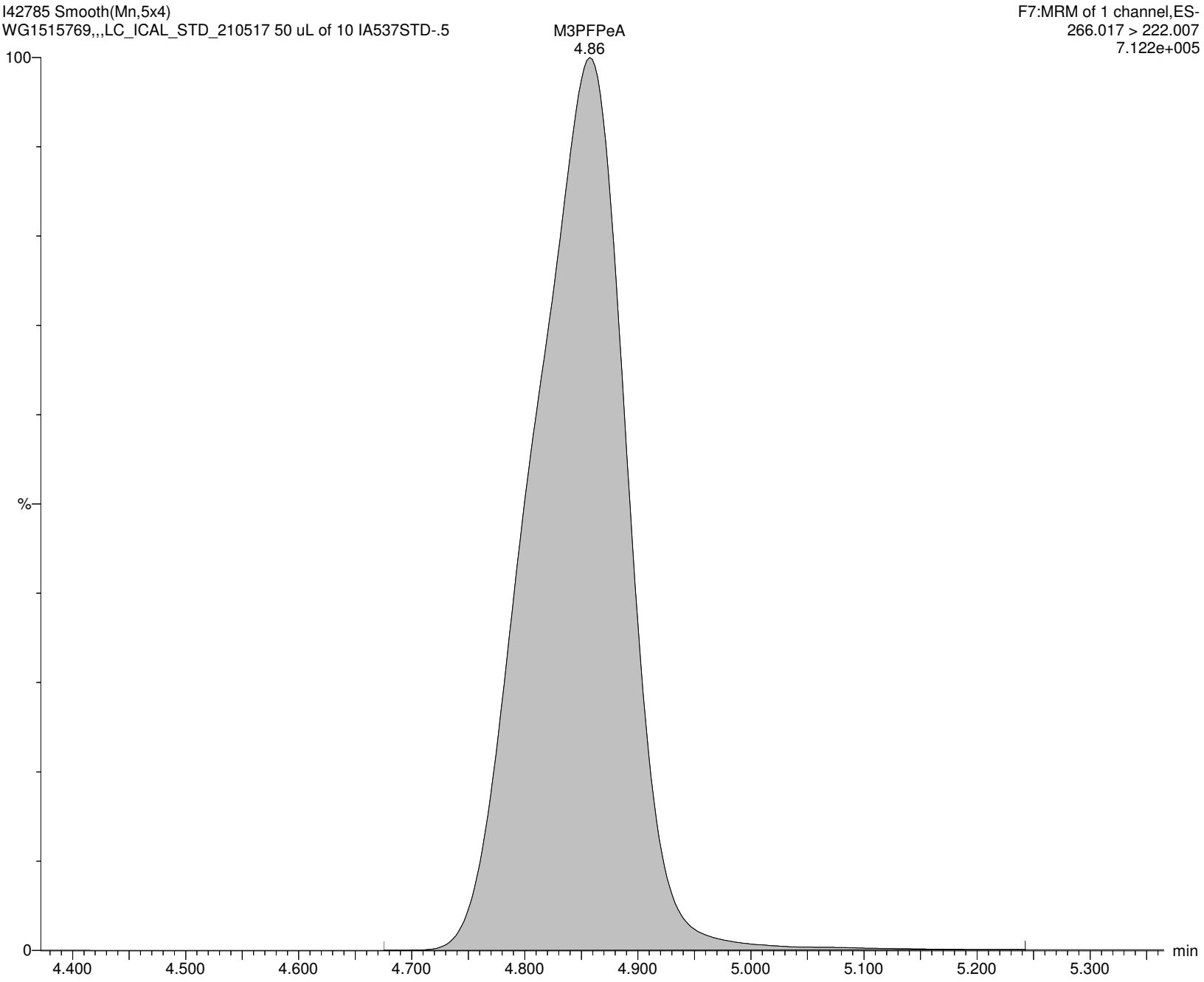


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFPeA

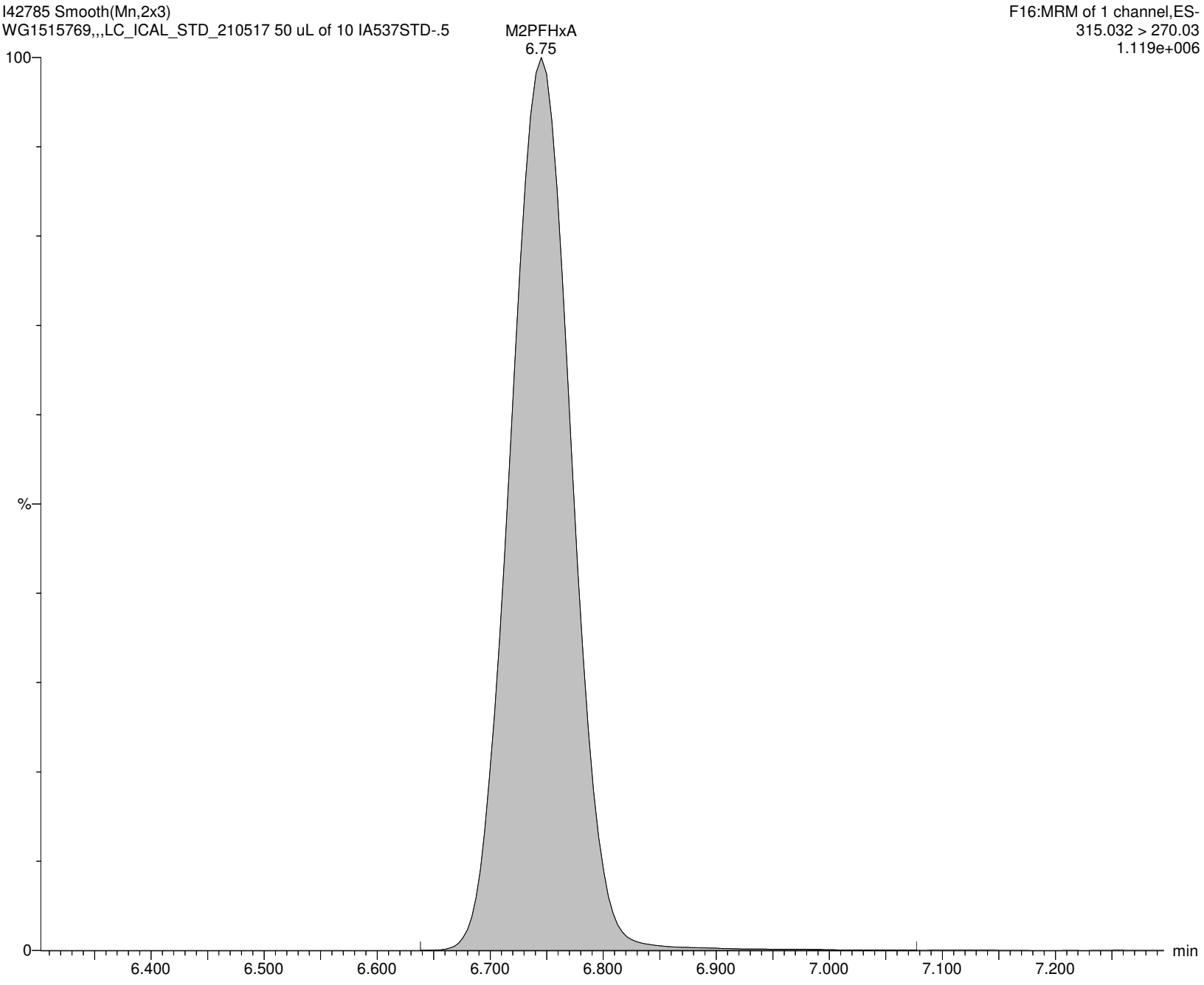


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFHxA

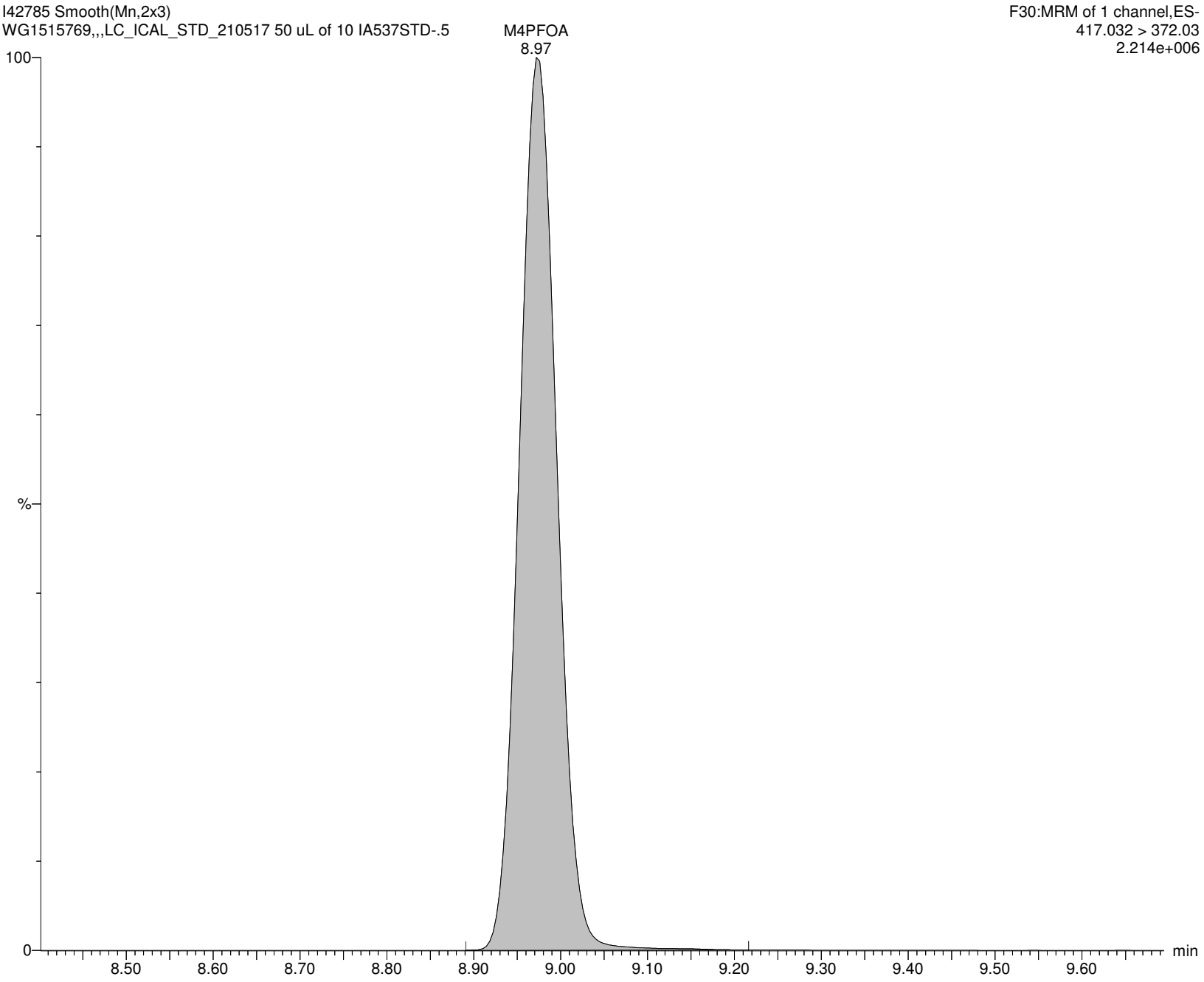


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOA

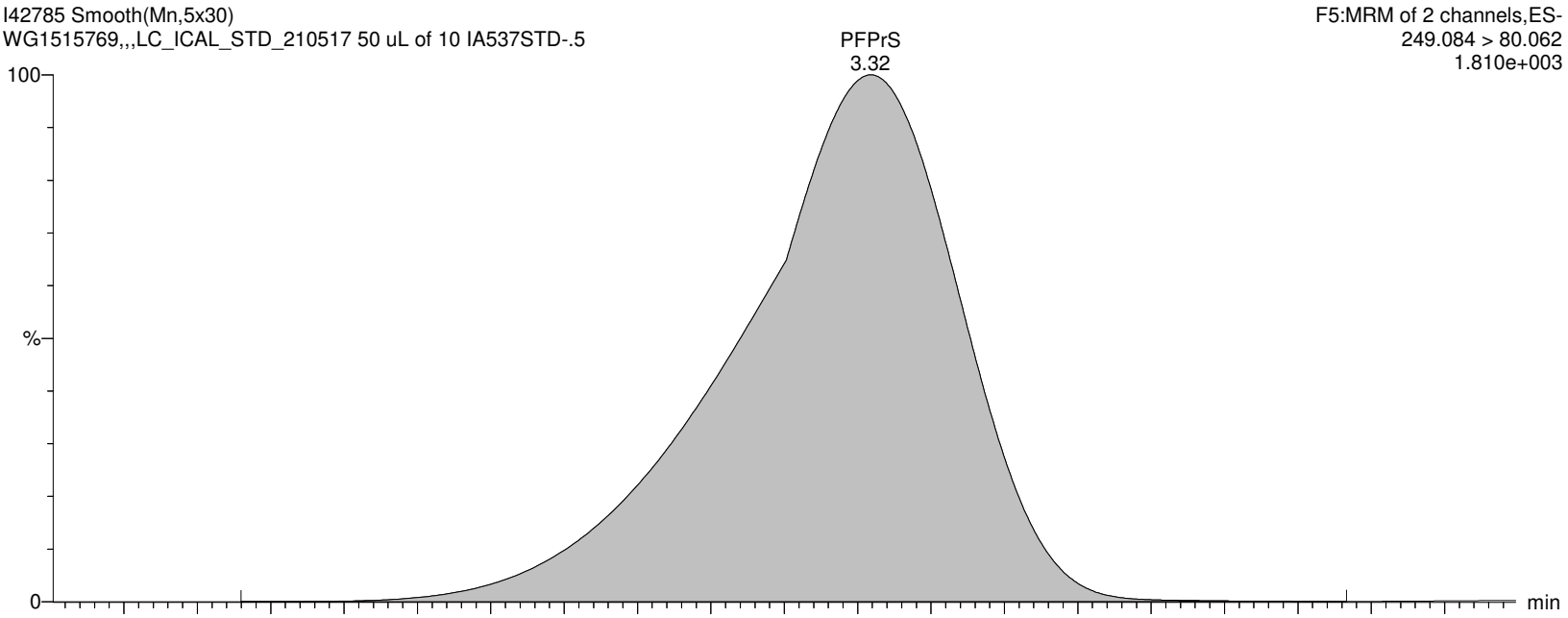


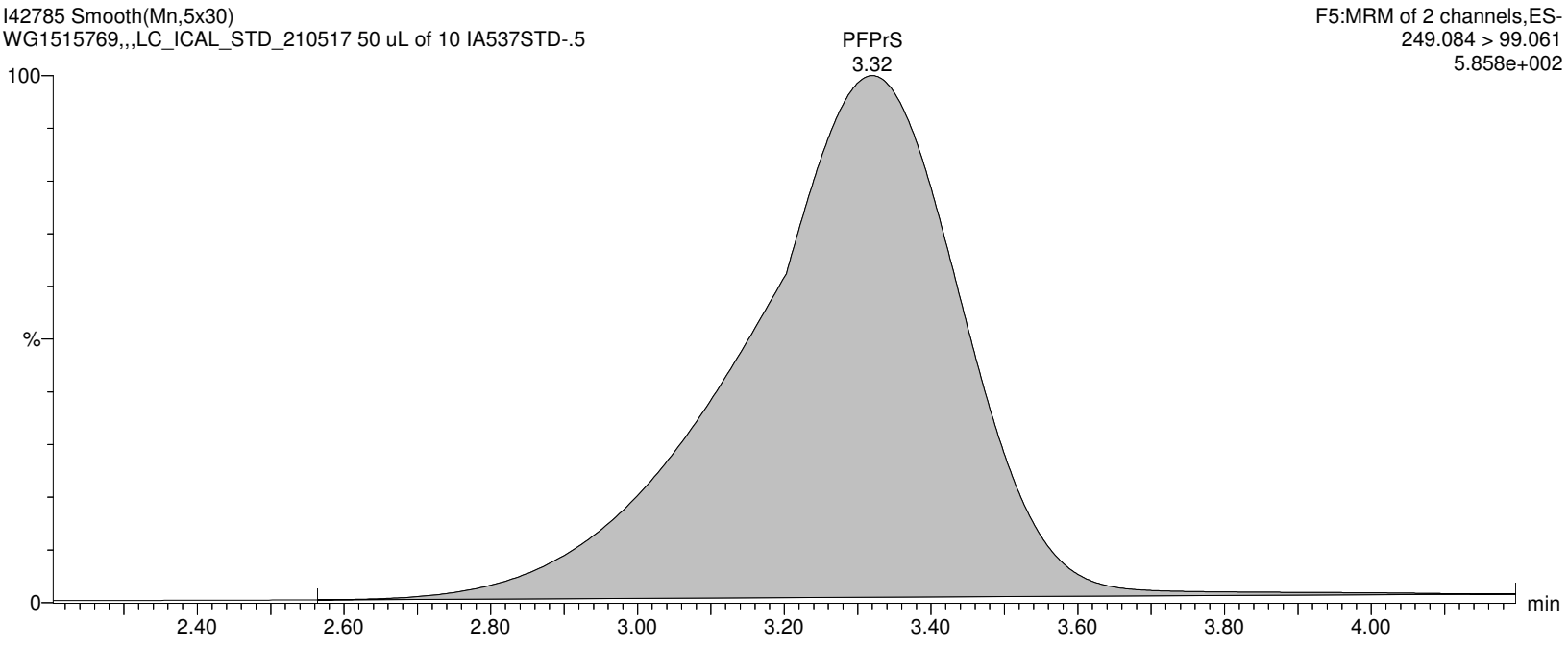
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPrS



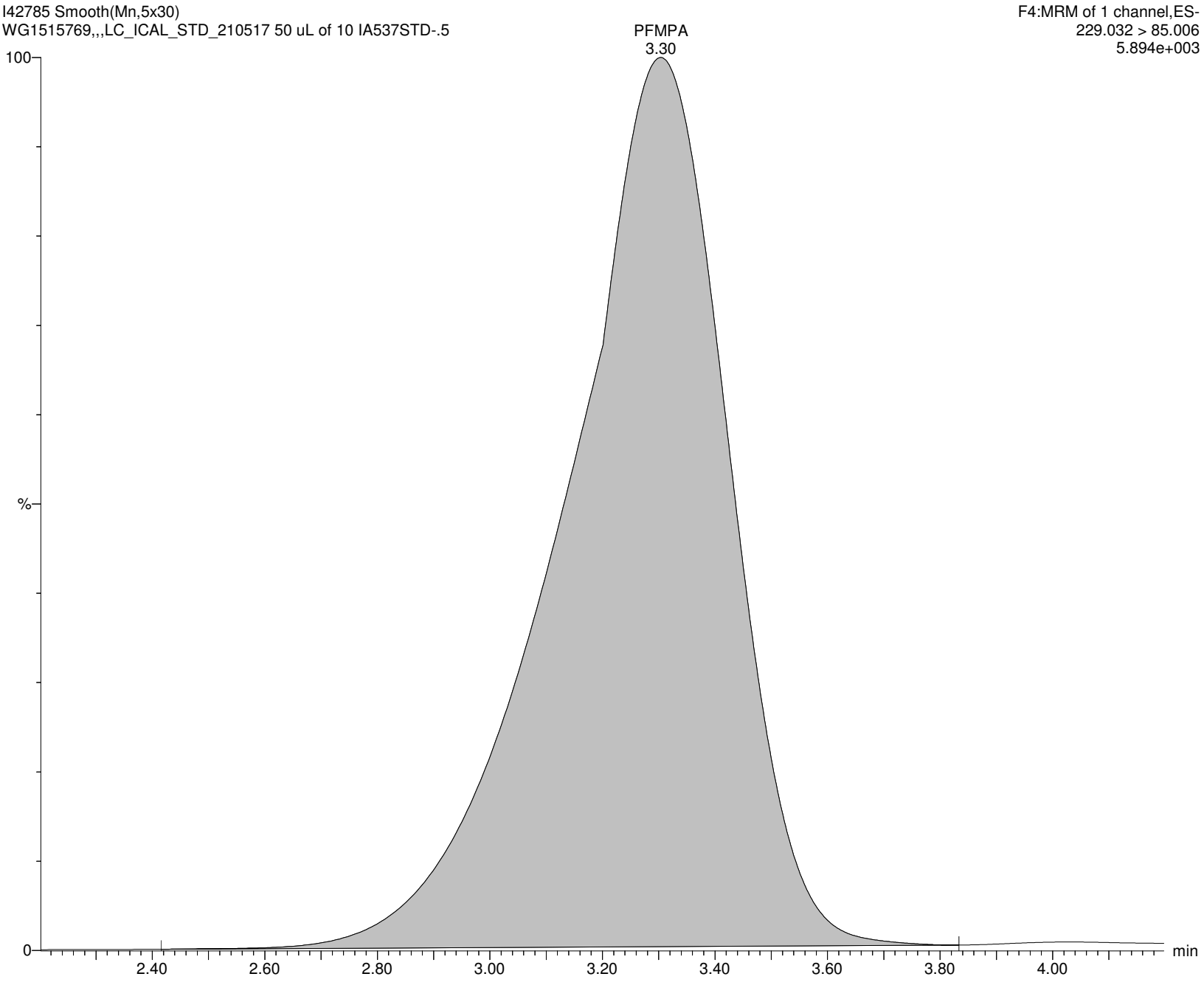


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFMPA

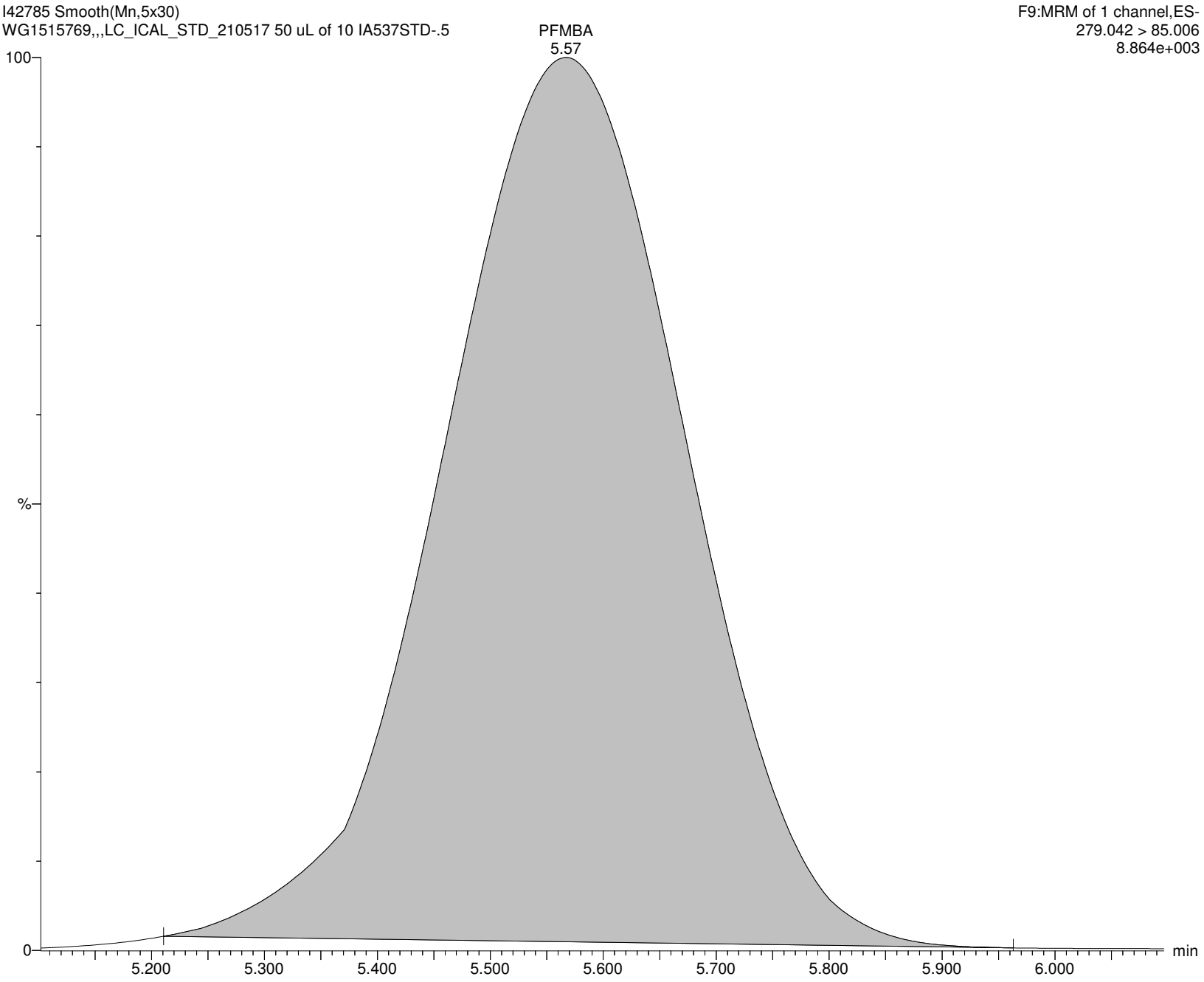


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFMBA

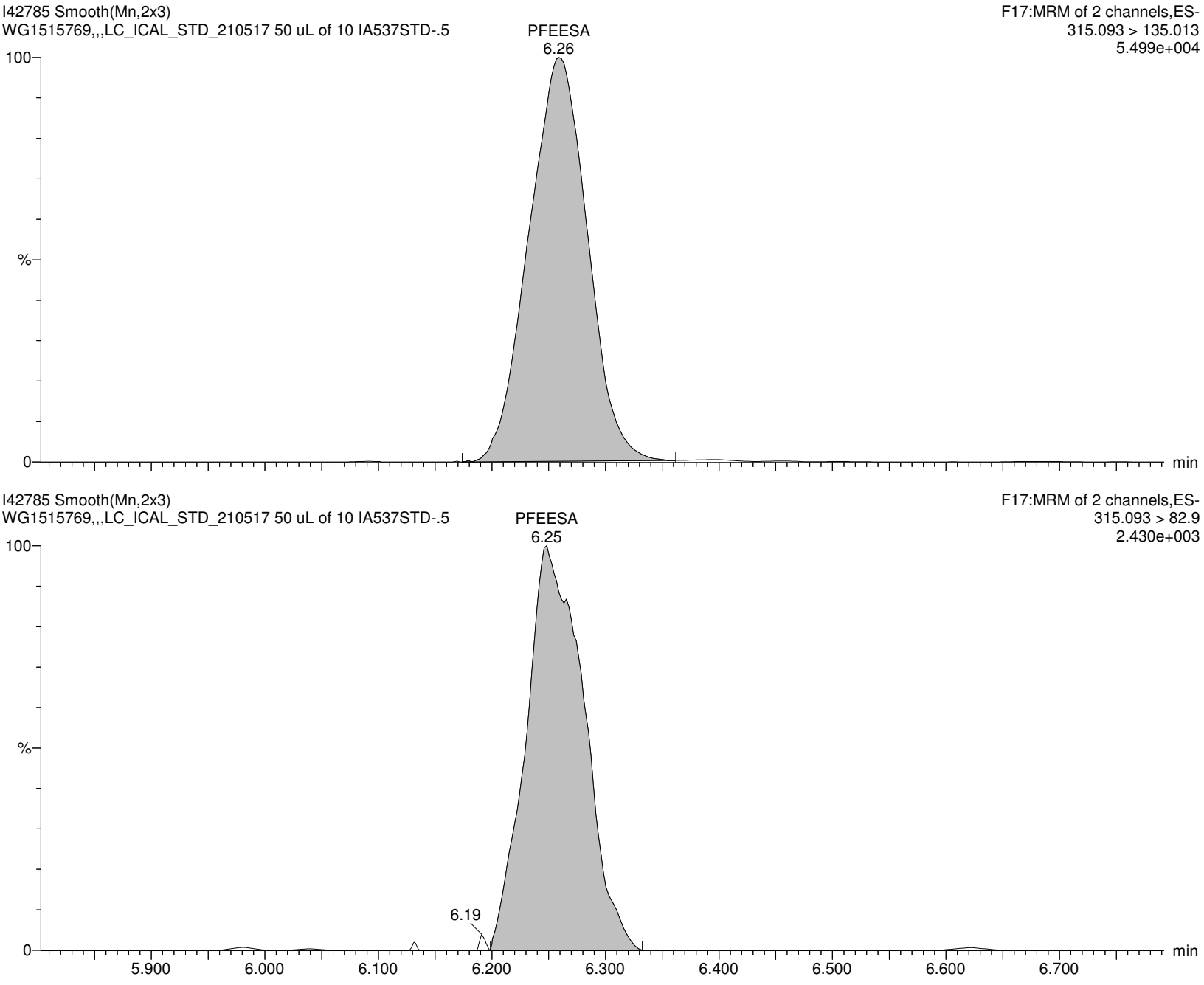


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFEESA

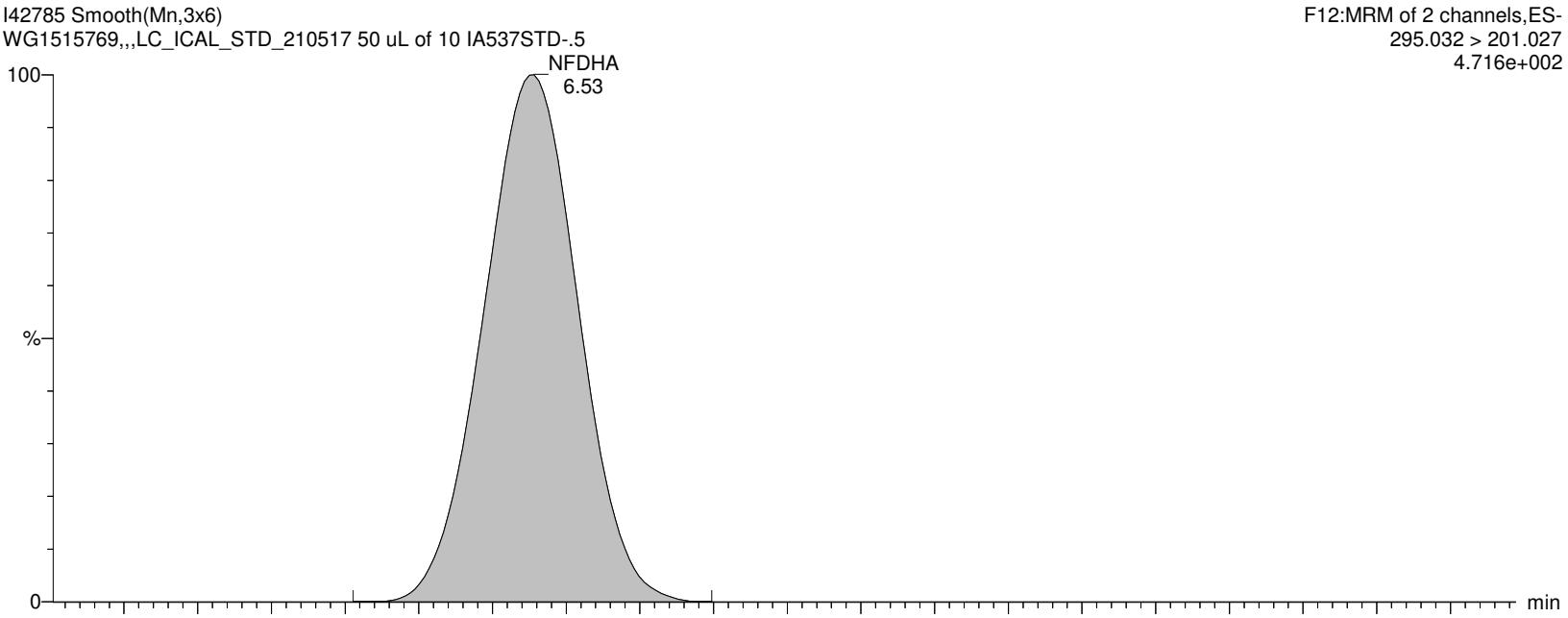


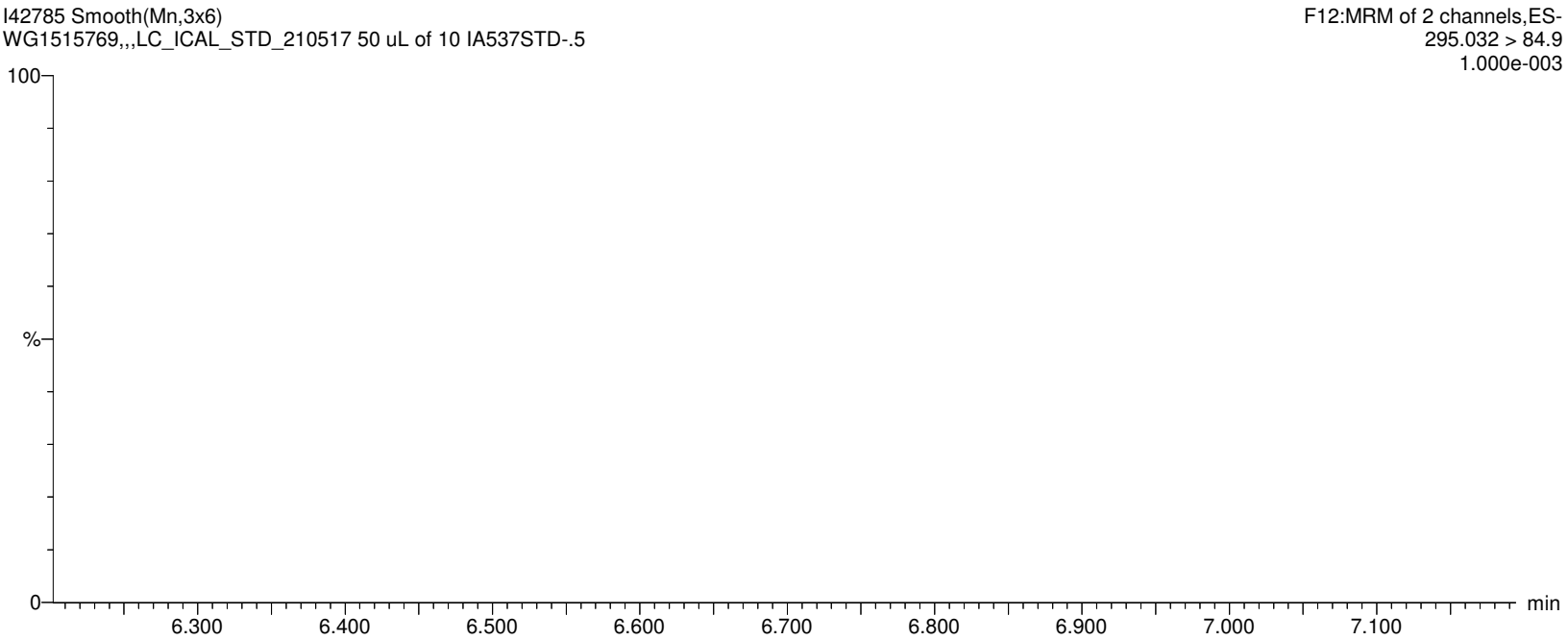
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NFDHA





all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\MethDB\537ISO_Q_210625_TOP_RT.mdb 22 Jun 2021 09:28:25
Calibration: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

ID: IA537STD-1
Name: I42786
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	1.97	213.032 > 169.022	5203		0.974		na	97.4
2	M3PFBA	INT STD	1.96	216.009 > 171.999	55085		10.493		na	104.9
3	MPFBA	INT STD	1.97	217.001 > 171.999	60023		10.134		na	101.3
4	PFPeA	2706-90-3	4.85	263.039 > 219.03	6365		1.011		na	101.1
5	M5PFPEA	INT STD	4.85	268.001 > 222.999	66911		10.295		na	102.9
6	PFBS	375-73-5	5.52	299.092 > 80.062	1318		0.897	2.08	NO	101.3
7	M3PFBS	INT STD	5.52	302.069 > 80.062	13530		9.860		na	98.6
8	4:2FTS	757124-72-4	6.67	327.146 > 307.139	448		0.943	2.18	NO	100.8
9	M2-4:2FTS	INT STD	6.67	329.13 > 309.124	4848		8.818		na	88.2
10	PFHxA	307-24-4	6.74	313.047 > 269.037	8368		1.099	15.07	NO	109.9
11	M5PFHxA	INT STD	6.74	318.009 > 273.007	71767		9.927		na	99.3
12	PFPeS	2706-91-4	7.07	349.1 > 80.062	1442		1.035	2.21	NO	110.1
13	PFHpA	375-85-9	8.02	363.055 > 319.045	10878		0.993	5.70	NO	99.3
14	M4PFHpA	INT STD	8.02	367.025 > 322.022	108293		10.048		na	100.5
15	br-PFHxS	355-46-4	7.96	399.107 > 80.062	250	M5,M7	0.189	1.95	NO	111.1
16	L-PFHxS	355-46-4	8.19	399.107 > 80.062	1266		0.729	1.59	NO	98.4
17	PFHxS	355-46-4		399.107 > 80.062	1516		0.917		na	
18	M3PFHxS	INT STD	8.19	402.084 > 80.062	15924		10.233		na	102.3
19	br-PFOA	335-67-1		413.063 > 369.053			ND		YES	
20	L-PFOA	335-67-1	8.97	413.063 > 369.053	12153		1.051	9.47	NO	105.1
21	PFOA	335-67-1		413.063 > 369.053	12153		1.051		na	
22	M8PFOA	INT STD	8.97	421.002 > 376.	120009		9.998		na	100.0
23	M2PFOA	INT STD	8.97	415.048 > 370.045	118228		11.163		na	111.6
24	6:2FTS	27619-97-2	8.93	427.161 > 407.155	508		1.045	3.92	NO	110.0
25	M2-6:2FTS	INT STD	8.93	429.146 > 409.14	4910		8.698		na	87.0
26	PFHpS	375-92-8	9.07	449.115 > 80.062	999		0.984	1.13	NO	103.6
27	PFNA	375-95-1	9.73	463.071 > 419.061	8675		0.980	3.87	NO	98.0
28	M9PFNA	INT STD	9.73	472.002 > 427.	35439		10.279		na	102.8
29	br-PFOS	1763-23-1	9.60	499.123 > 80.062	294	M5,M7	0.191	4.79	NO	95.5
30	L-PFOS	1763-23-1	9.78	499.123 > 80.062	950		0.761	1.90	NO	104.2
31	PFOS	1763-23-1		499.123 > 80.062	1243		0.952		na	
32	M4PFOS	INT STD	9.78	503.093 > 80.062	12437		10.988		na	109.9
33	M8PFOS	INT STD	9.78	507.062 > 80.062	14170		10.168		na	101.7
34	PFDA	335-76-2	10.35	513.078 > 469.069	7789		0.983	5.26	NO	98.3
35	M2PFDA	INT STD	10.35	515.053 > 469.934	69294		11.359		na	113.6
36	M6PFDA	INT STD	10.35	519.033 > 474.03	79652		10.127		na	101.3
37	8:2FTS	39108-34-4	10.34	527.177 > 507.171	232		0.914	6.97	NO	95.3
38	M2-8:2FTS	INT STD	10.34	529.162 > 509.155	3878		9.346		na	93.5
39	PFNS	68259-12-1	10.38	549.131 > 80.062	1098	M7	1.003	1.53	NO	104.5

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

ID: IA537STD-1
Name: I42786
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.77	573.22 > 419.061	6727		9.075		na	90.7
41	br-NMeFOSAA		10.61	570.202 > 419.061	44	M5,M7	0.169	0.92	NO	70.4
42	L-NMeFOSAA		10.77	570.202 > 419.061	606		0.827	2.97	NO	108.8
43	NMeFOSAA	2355-31-9		570.202 > 419.061	650		0.996		na	
44	PFUnA	2058-94-8	10.89	563.086 > 519.076	6877		0.888	8.33	NO	88.8
45	M7-PFUDA	INT STD	10.89	570.033 > 525.031	76786		10.468		na	104.7
46	PFDS	335-77-3	10.91	599.139 > 80.062	1151		0.979	1.67	NO	101.4
47	FOSA	754-91-6	10.95	498.146 > 78.07	3536	M7	1.014	244.30	YES	101.4
48	M8FOSA	INT STD	10.95	506.077 > 78.07	40751		9.570		na	95.7
49	br-NEtFOSAA		10.94	584.229 > 419.061	23	M5,M7	0.125	0.58	NO	55.6
50	L-NEtFOSAA		11.07	584.229 > 419.061	433		0.777	1.13	NO	100.3
51	NEtFOSAA	2991-50-6		584.229 > 419.061	457		0.902		na	
52	d5-NEtFOSAA	INT STD	11.06	589.259 > 419.061	5653		9.228		na	92.3
53	PFDoA	307-55-1	11.35	613.094 > 569.084	7180		0.985	17.00	NO	98.5
54	MPFDOA	INT STD	11.35	615.079 > 570.077	69430		9.811		na	98.1
55	PFTrDA	72629-94-8	11.76	663.102 > 619.092	6330		1.218	11.36	NO	121.8
56	PFTA	376-06-7	12.12	713.11 > 669.1	3936		0.969	10.01	NO	96.9
57	M2PFTEDA	INT STD	12.11	715.094 > 670.092	20863		9.399		na	94.0
58	M3HFPO-DA	INT STD	7.18	287.02 > 169.022	7776		232.451		na	116.2
59	HFPO-DA	13252-13-6	7.19	285.035 > 169.022	321		8.502	6.74	YES	85.0
60	ADONA	958445-44-8	8.21	377.06 > 251.028	9538		1.001	41.78	NO	105.8
61	PFHxDA		12.64	813.122 > 769.116	2332		1.079	24.49	NO	107.9
62	PFODA		12.86	913.411 > 869.131	238		0.899	20.42	NO	89.9
63	M2PFHxDA		12.63	815.102 > 770.108	32679		10.051		na	100.5
64	PFDoS		11.76	699.154 > 80.062	698		0.908	2.27	NO	90.8
65	M2D4-10:2FTS		11.36	633.201 > 612.189	4812	M4	21.898		na	110.8
66	10:2FTS		11.36	627.192 > 607.186	304	M2,M7	1.075	2.09	NO	111.5
67	9CL-PF3ONS		10.14	530.862 > 350.843	5046		0.885	2.73	NO	94.9
68	11CL-PFOUdS		11.17	630.862 > 450.854	4555		0.862	3.00	NO	91.6
69	NMeFOSA		11.58	512.163 > 169.022	3744		5.451	1.63	NO	109.0
70	d3-NMeFOSA		11.57	515.183 > 169.022	84828		97.232		na	97.2
71	NEtFOSA		11.88	526.192 > 169.022	3999		5.248	4.75	NO	105.0
72	d5-NEtFOSA		11.87	531.222 > 169.022	96095		99.221		na	99.2
73	NMeFOSE		11.58	615.8 > 59.045	4491		2.822		na	112.9
74	d7-NMeFOSE		11.56	622.84 > 59.045	73573		102.837		na	102.8
75	NEtFOSE		11.87	629.862 > 59.045	5013		2.783		na	111.3
76	d9-NEtFOSE		11.85	638.734 > 59.045	68117		94.286		na	94.3
77	M3PFPeA		4.86	266.017 > 222.007	72707		10.727		na	107.3
78	M2PFHxA		6.75	315.032 > 270.03	74346		10.774		na	107.7
79	M4PFOA		8.97	417.032 > 372.03	117679		11.067		na	110.7
80	PFPrS	423-41-6	3.32	249.084 > 80.062	1320		1.000	3.06	NO	109.2
81	PFMPA		3.30	229.032 > 85.006	4254		1.100		na	110.0
82	PFMBA		5.57	279.042 > 85.006	4618		1.068		na	106.8

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

ID: IA537STD-1
Name: I42786
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
83	PFEESA		6.26	315.093 > 135.013	7136		1.014	22.29	NO	113.9
84	NFDHA		6.53	295.032 > 201.027	49		1.004		YES	100.4

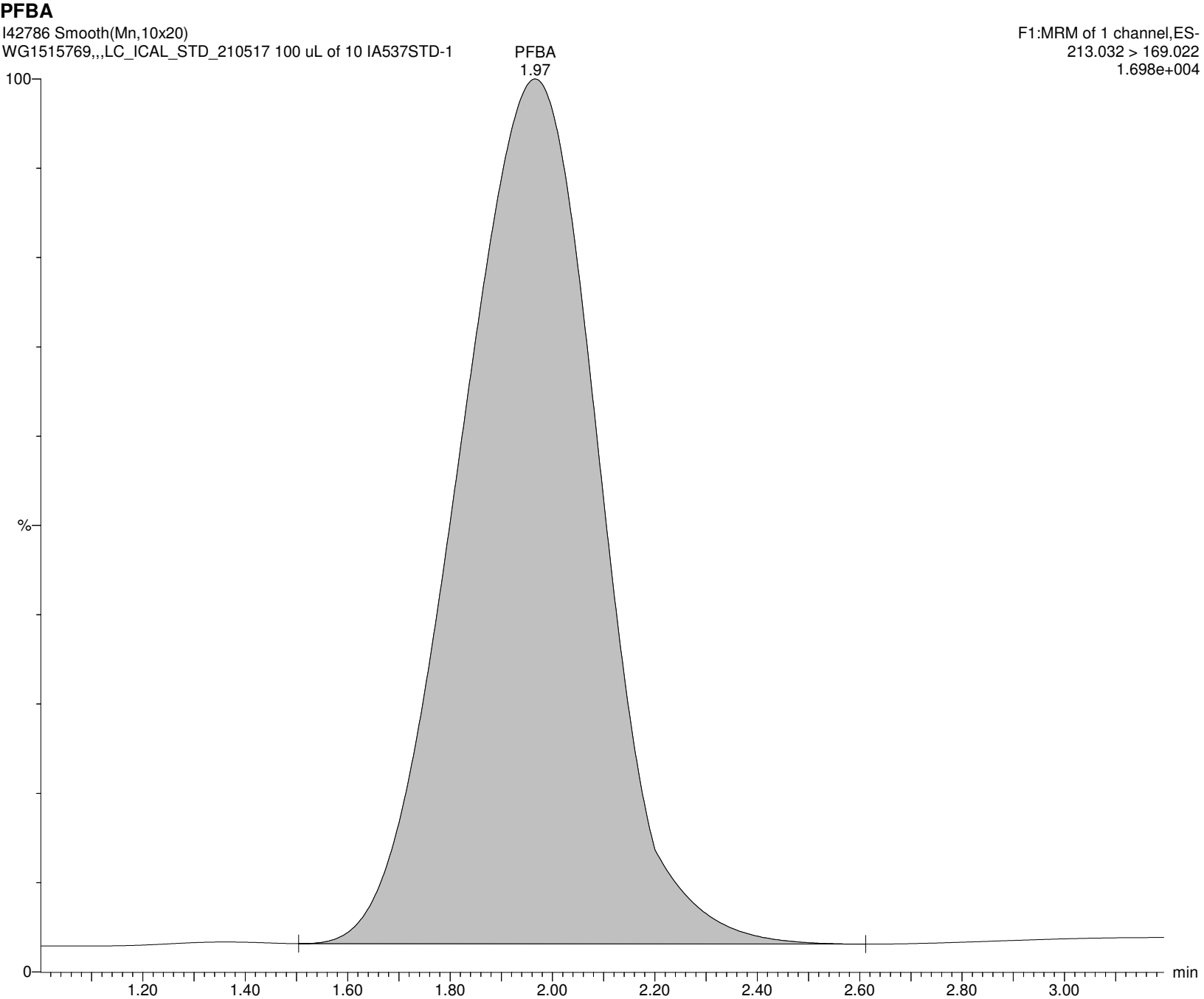
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\MethDB\537ISO_Q_210625_TOP_RT.mdb 22 Jun 2021 09:28:25
Calibration: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBA

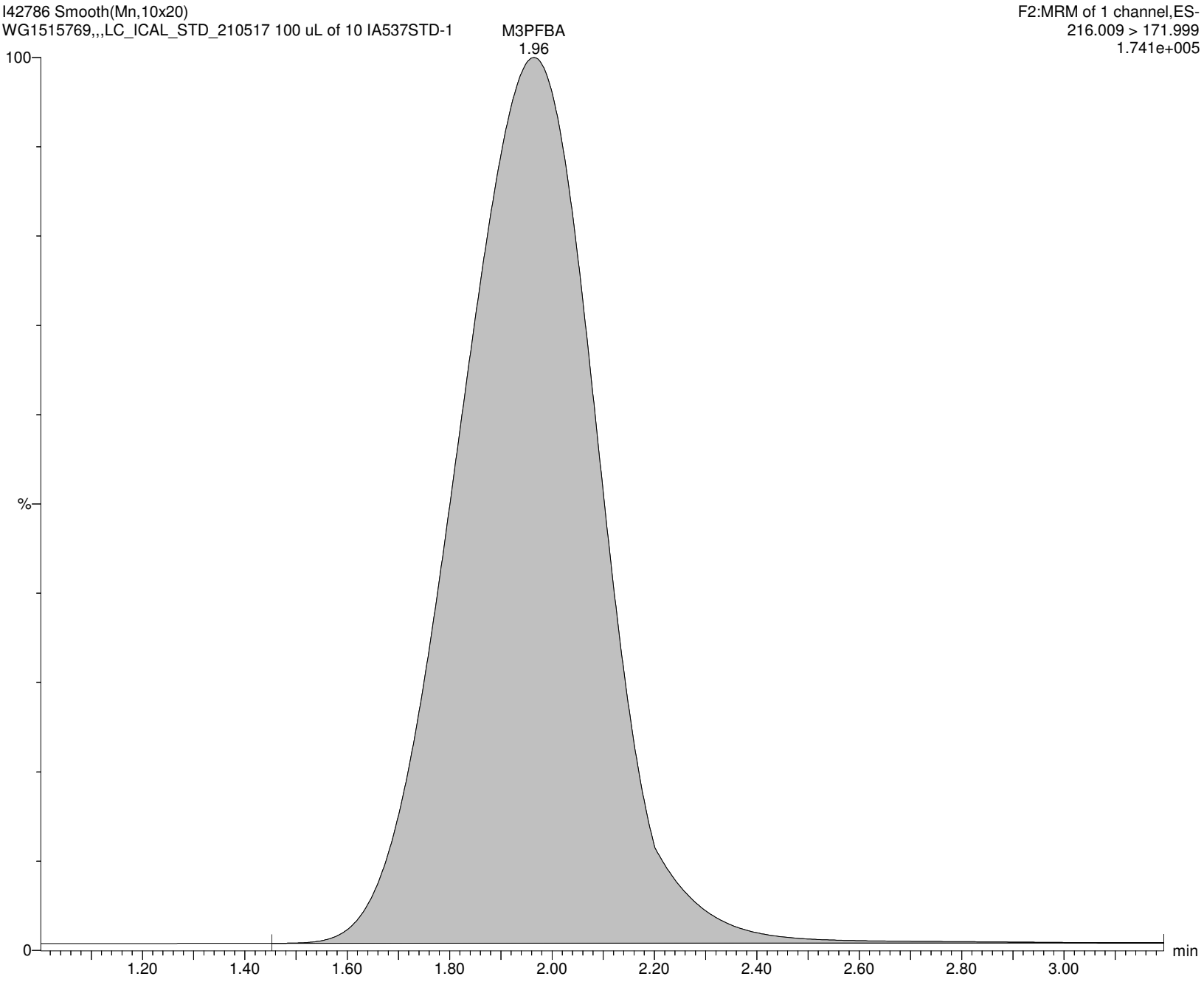


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBA

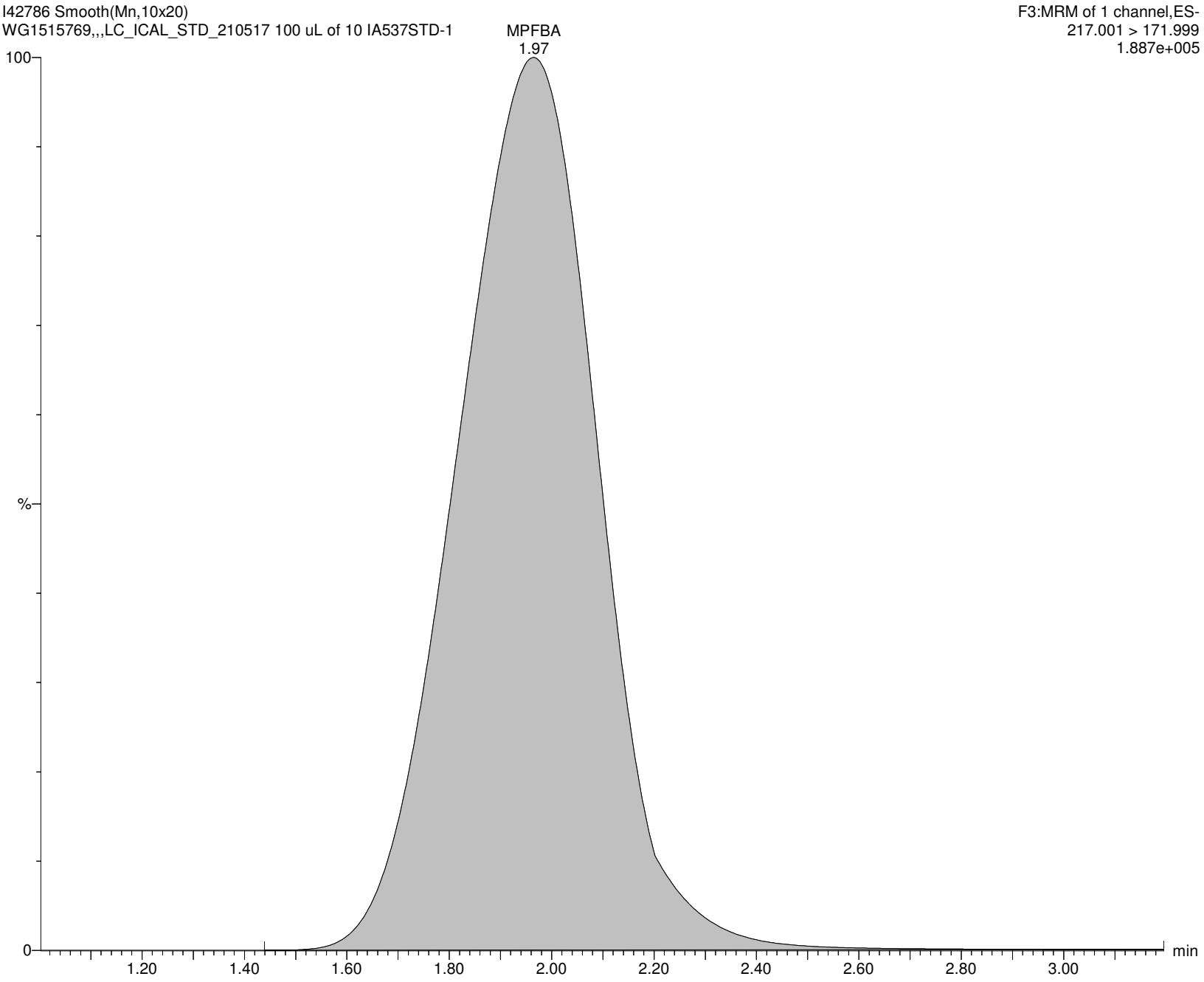


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFBA

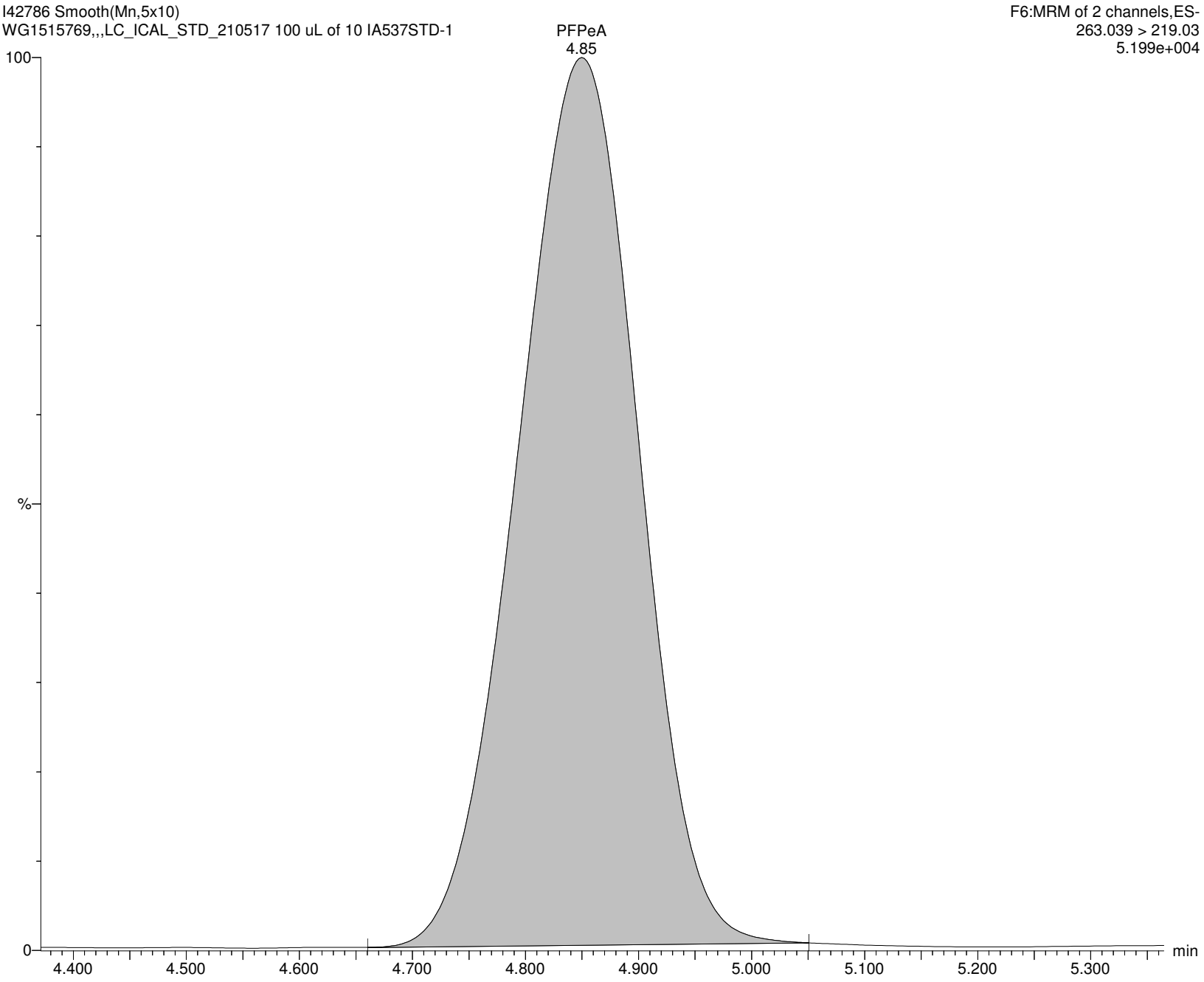


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeA

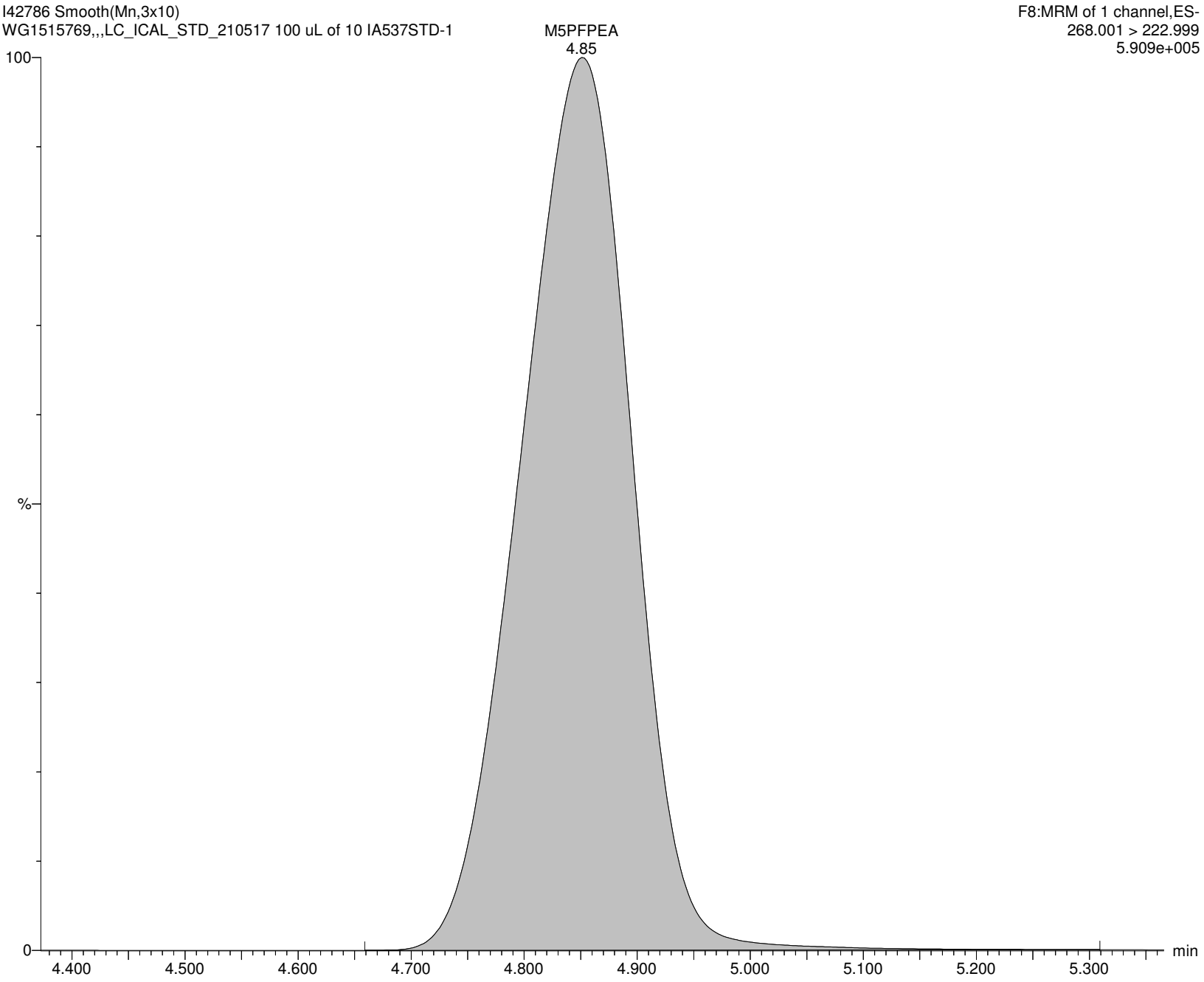


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFPEA

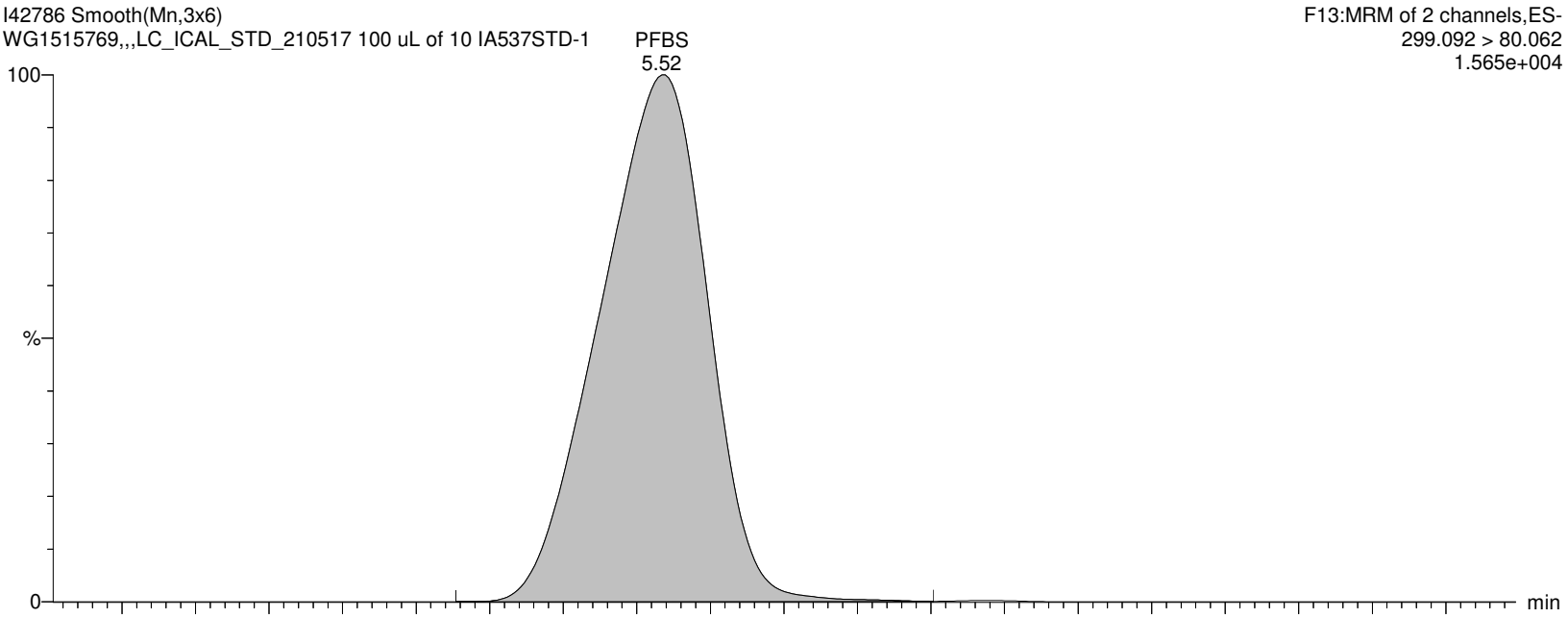


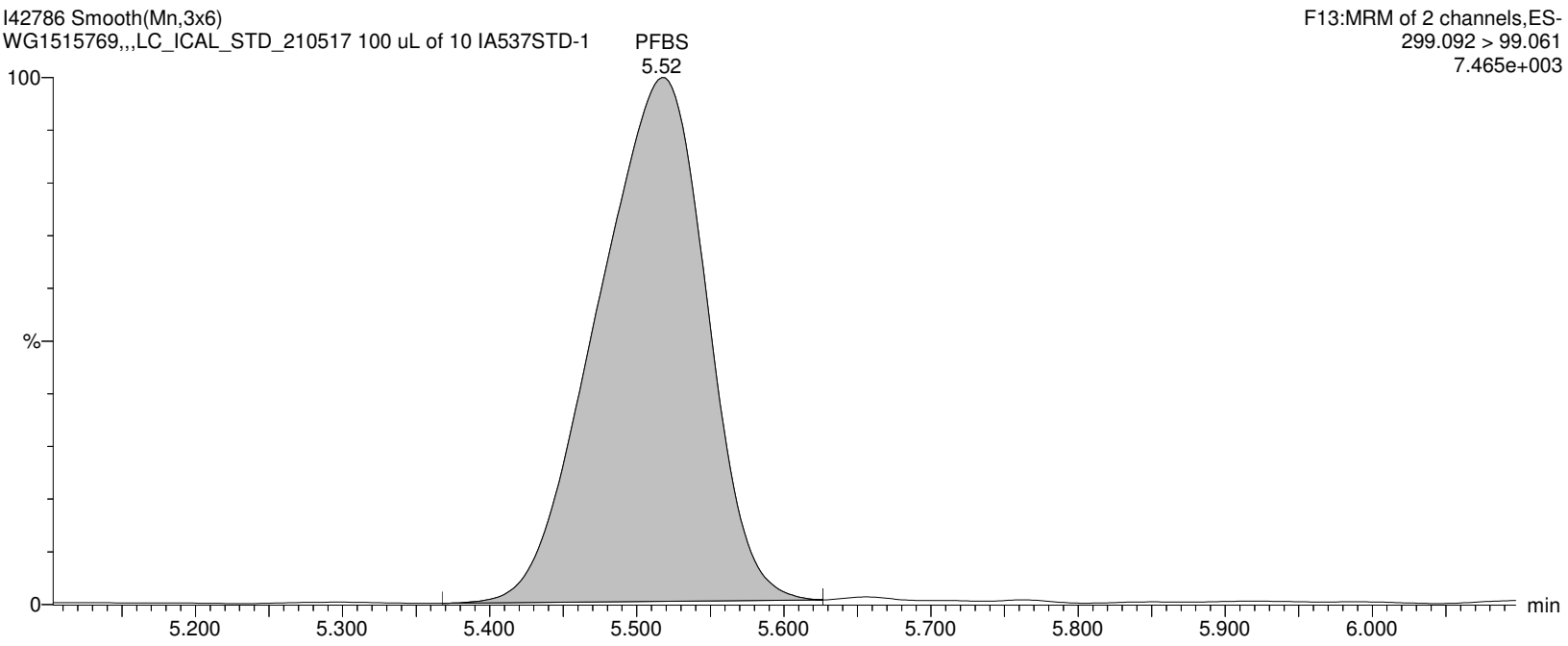
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBS



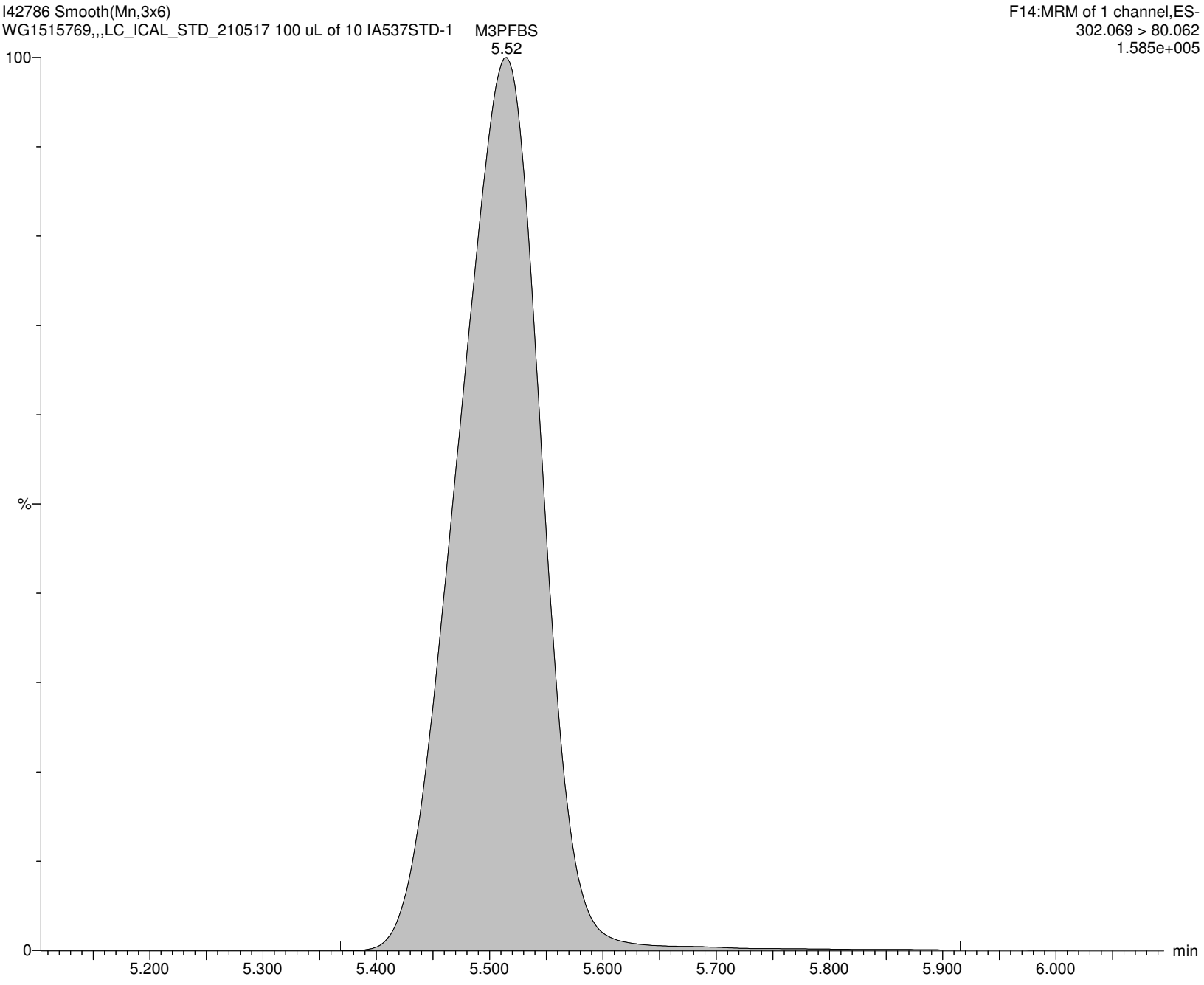


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBS

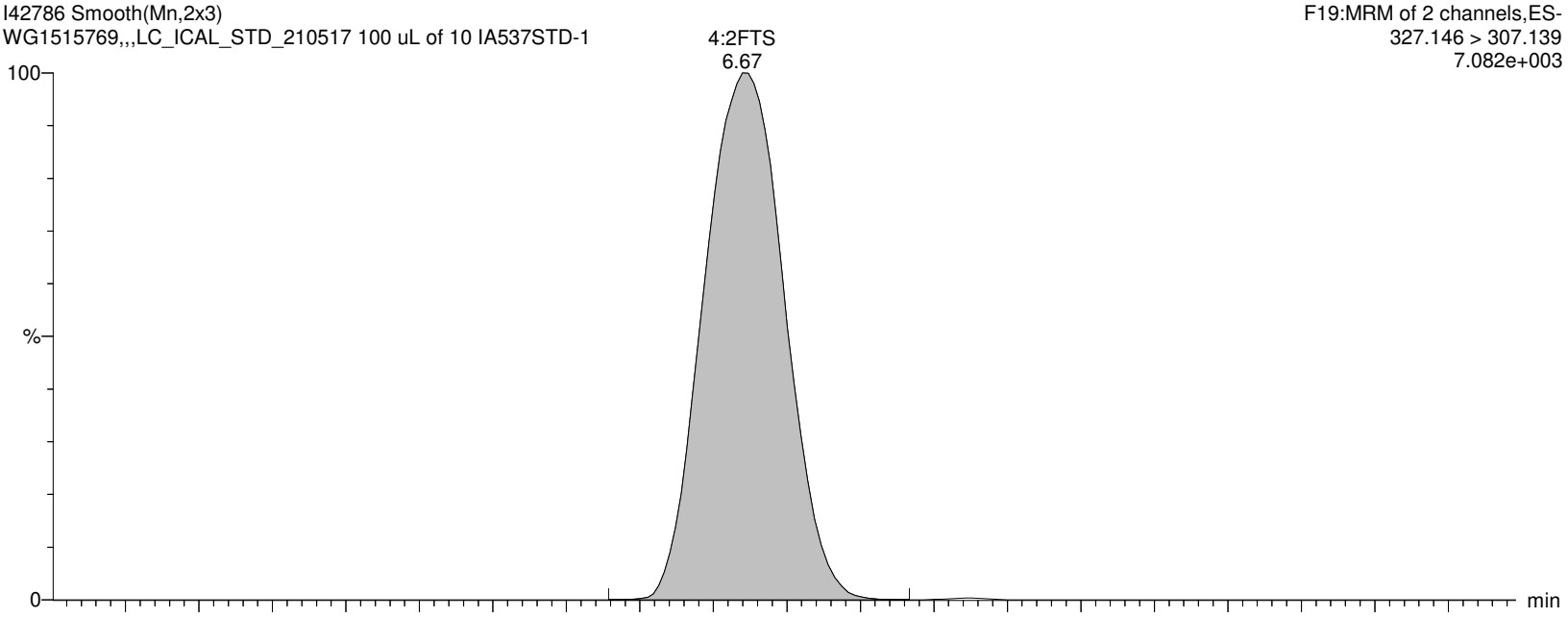


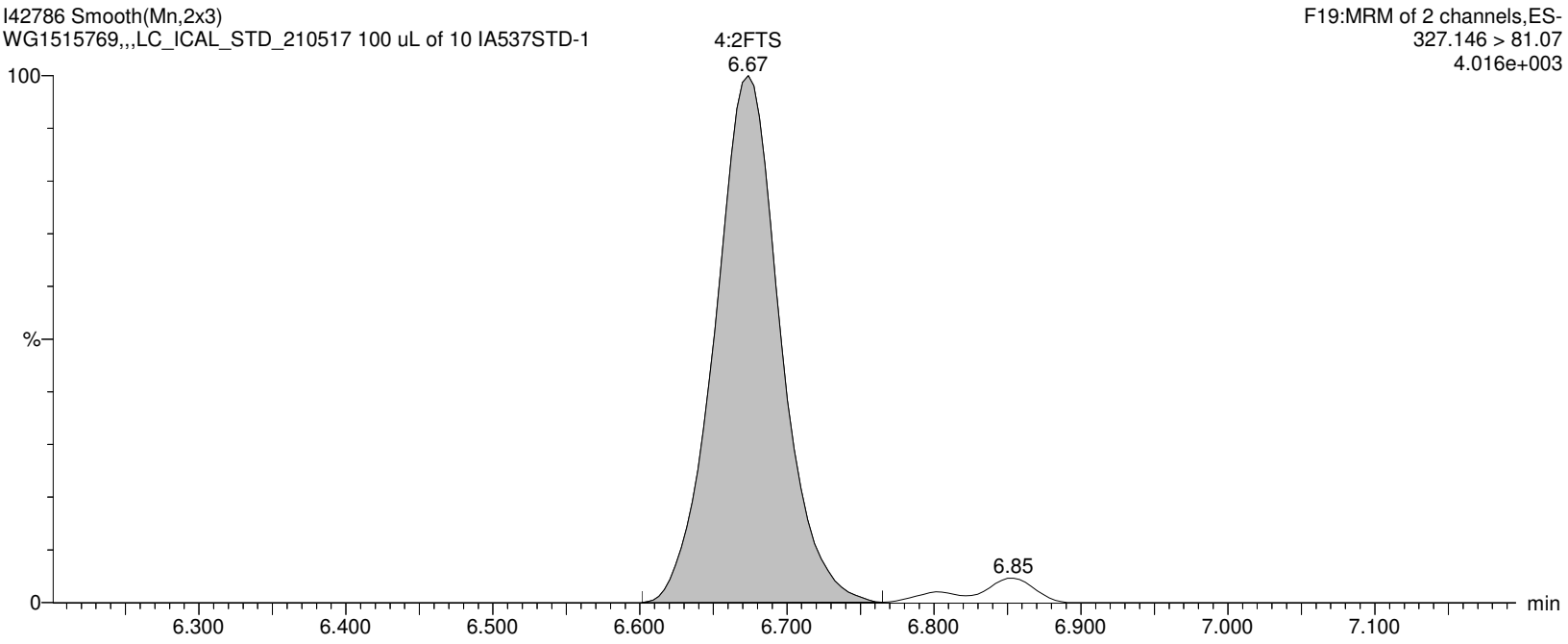
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

4:2FTS



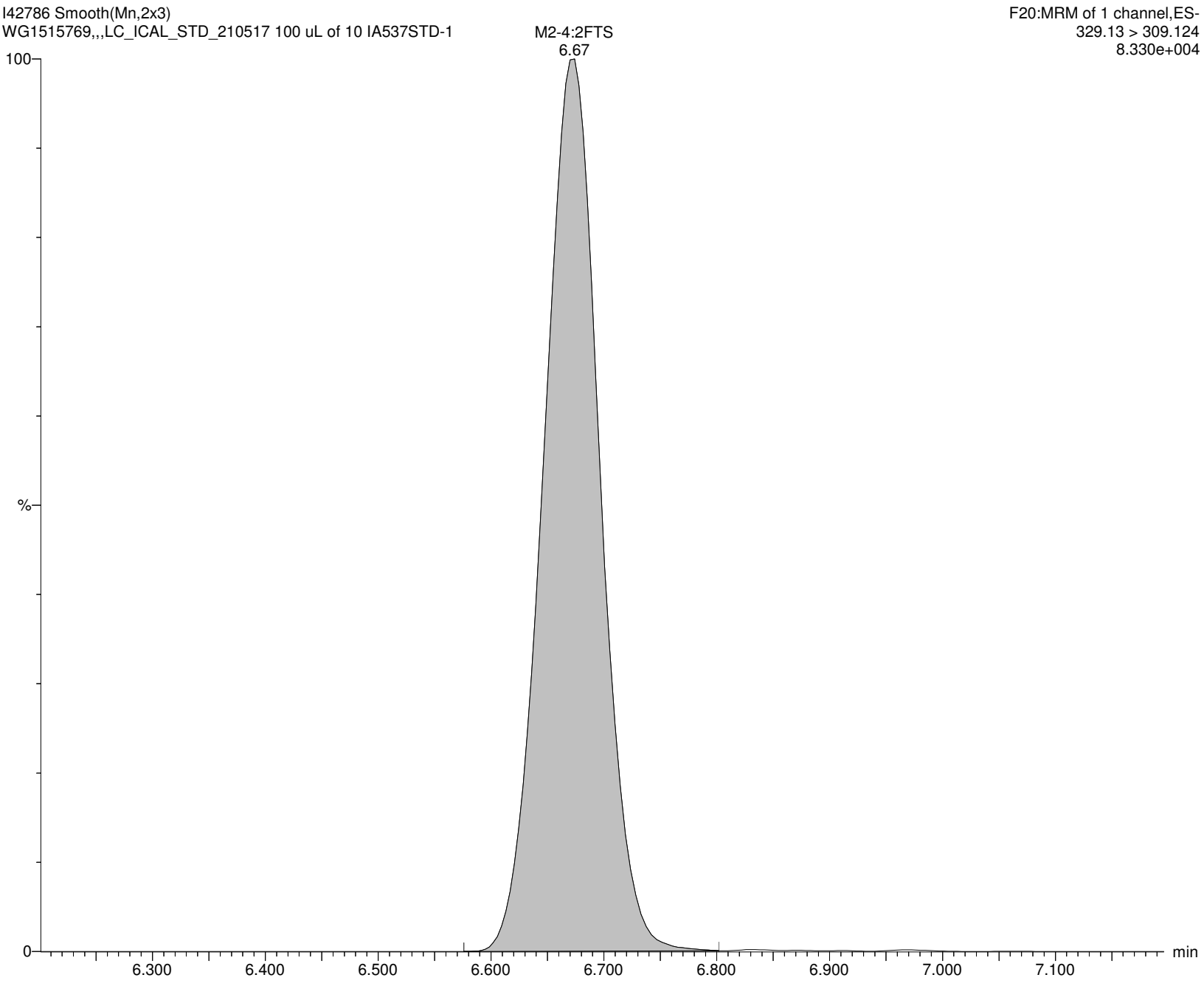


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-4:2FTS

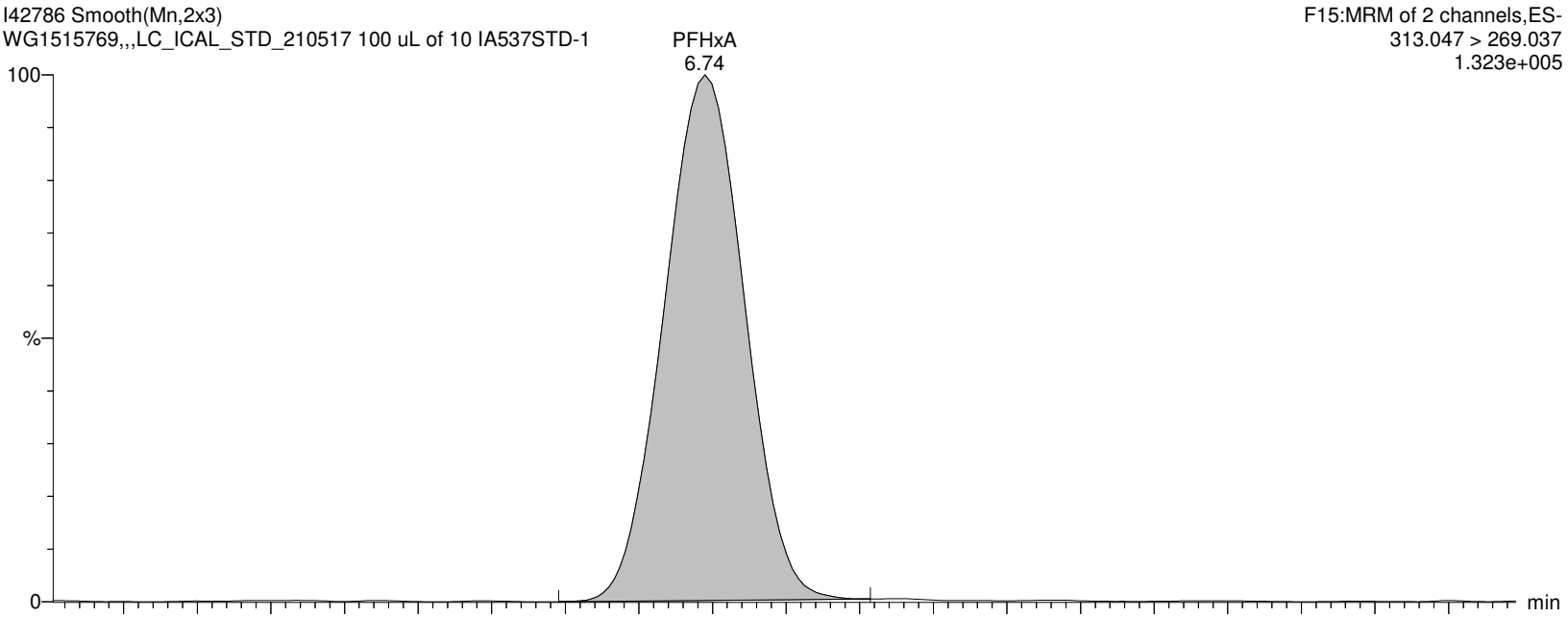


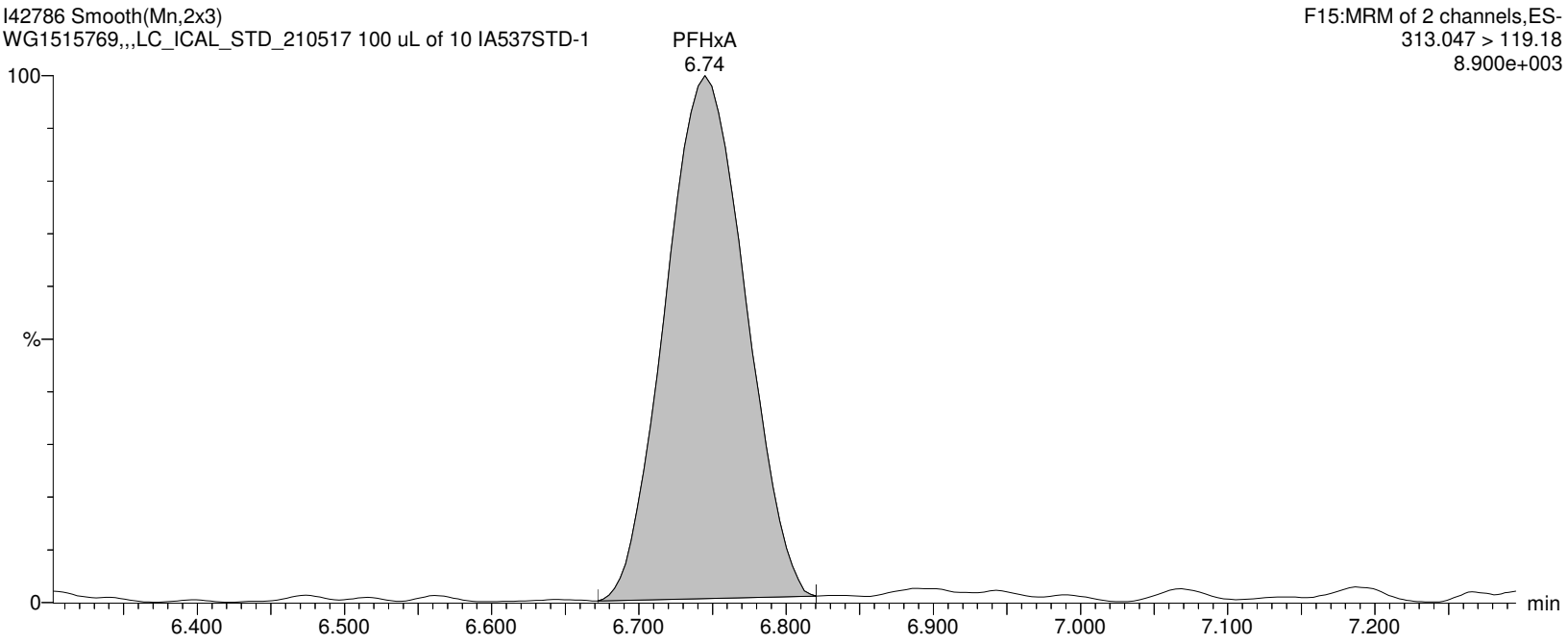
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxA



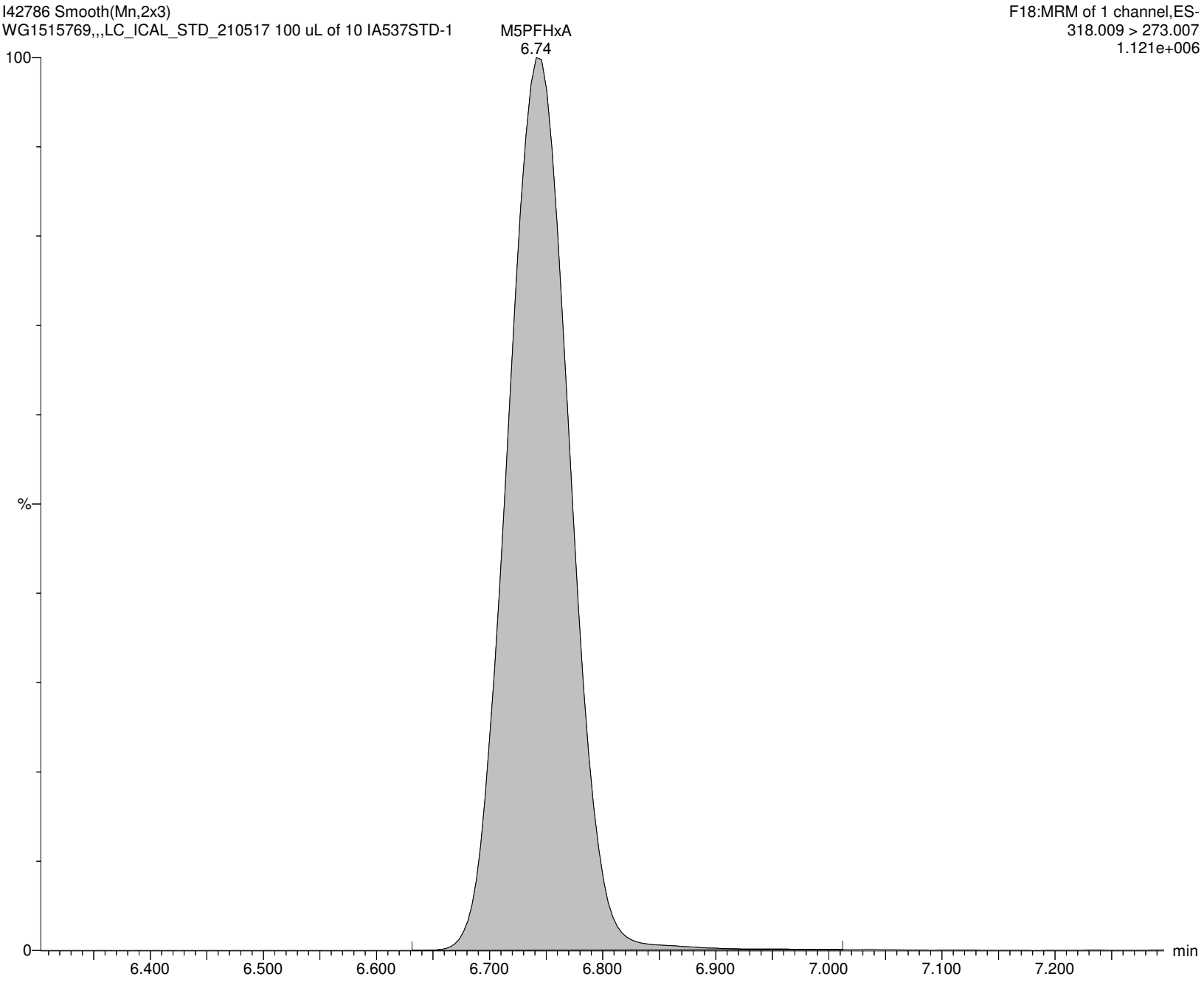


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFHxA

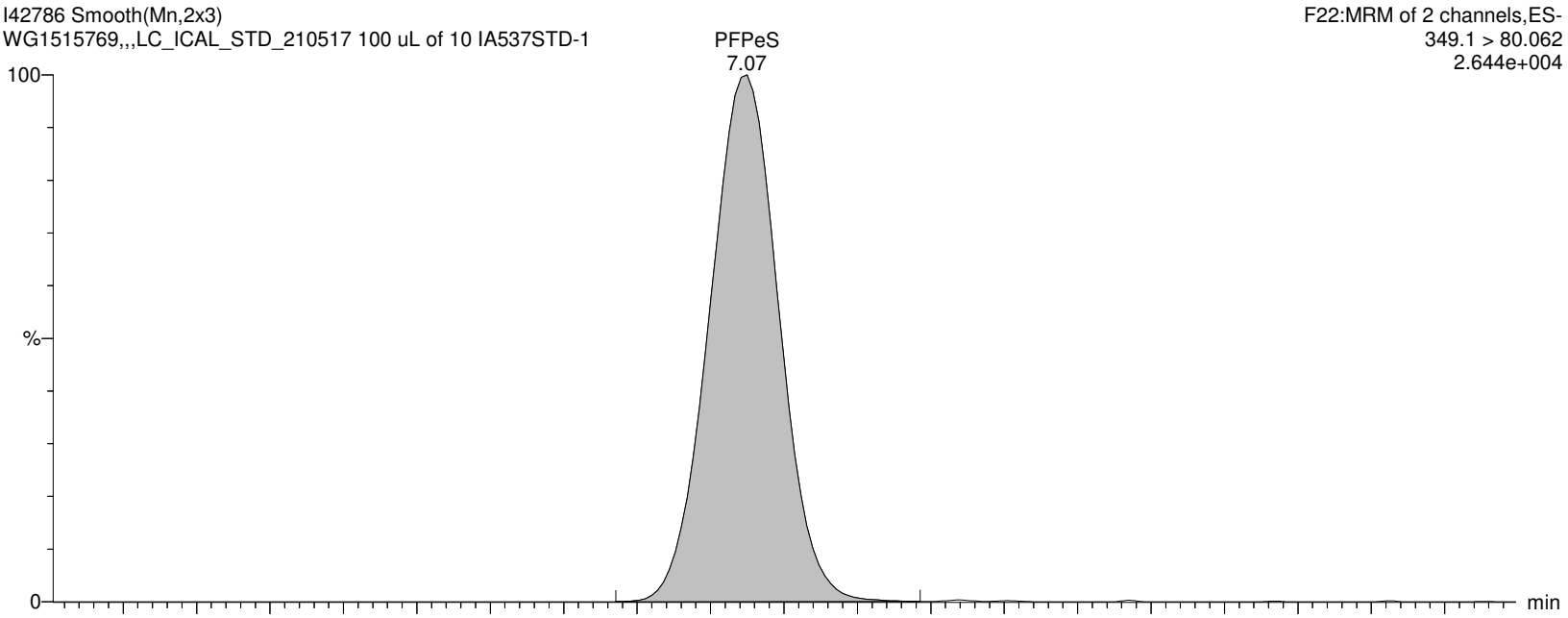


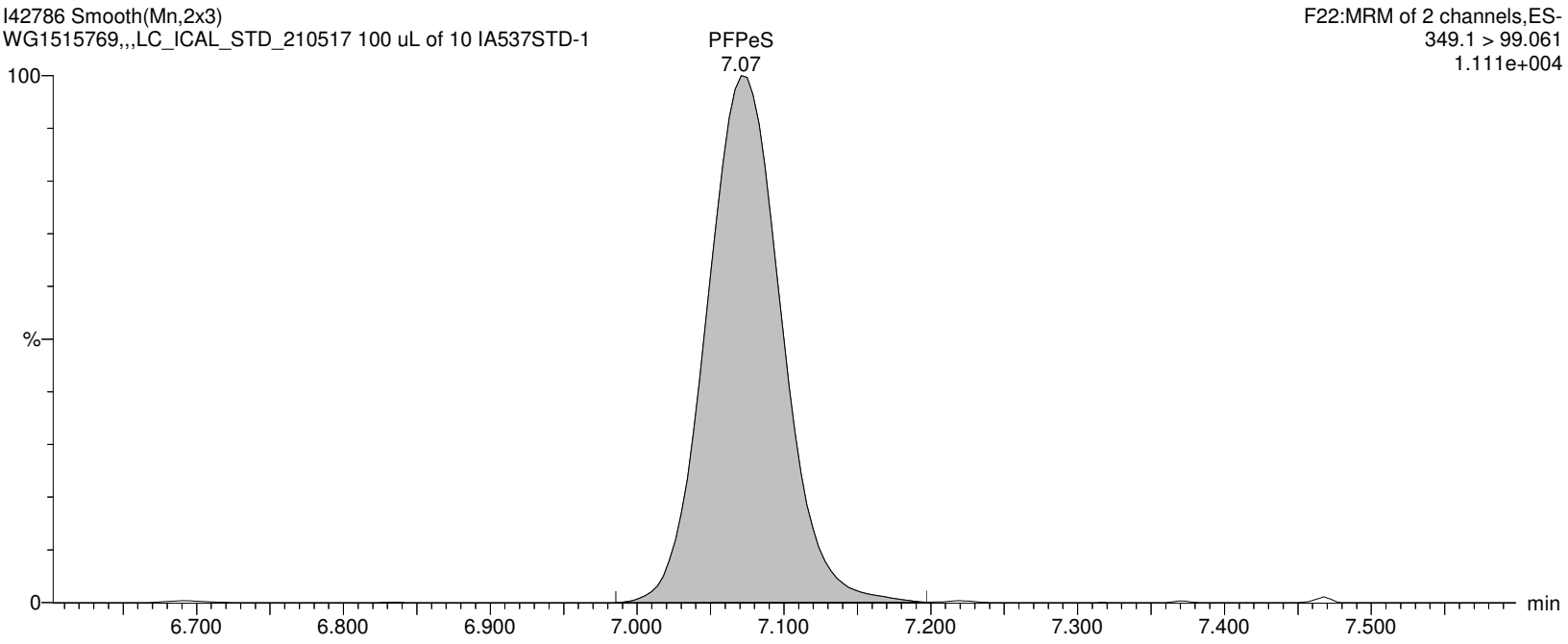
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeS



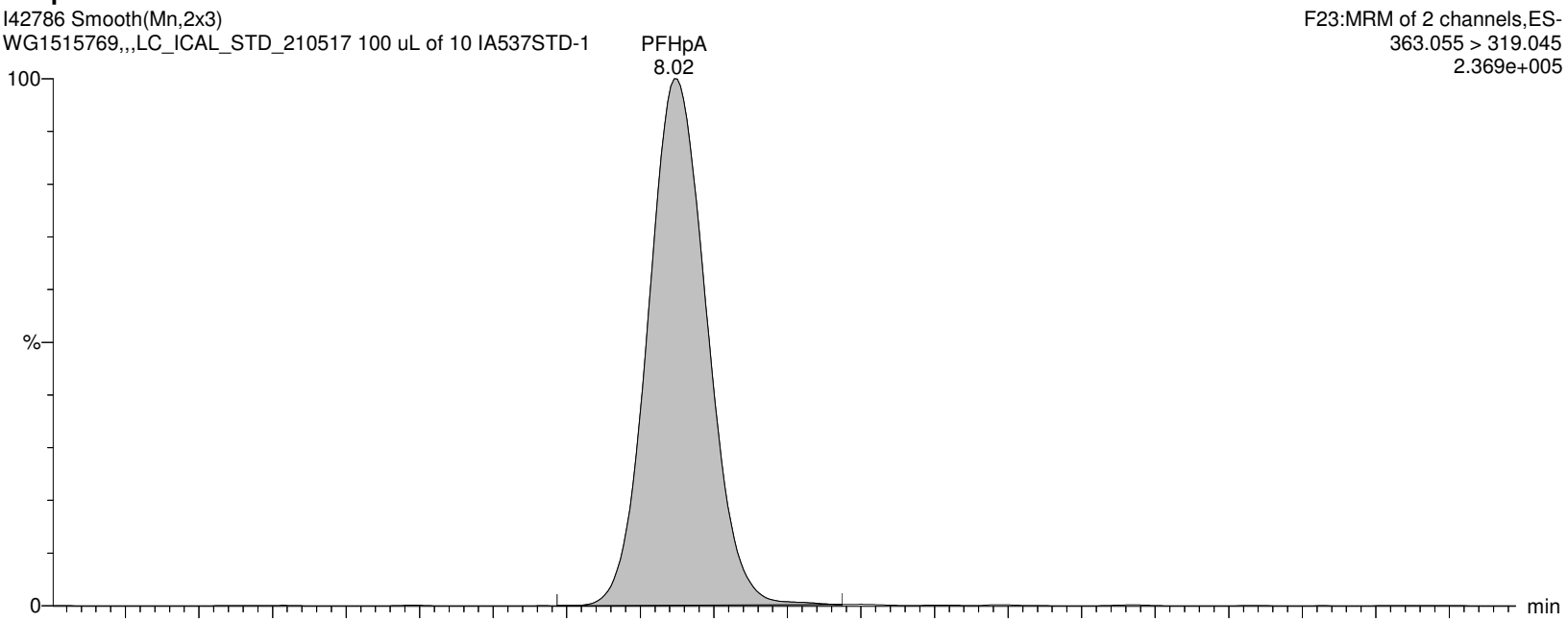


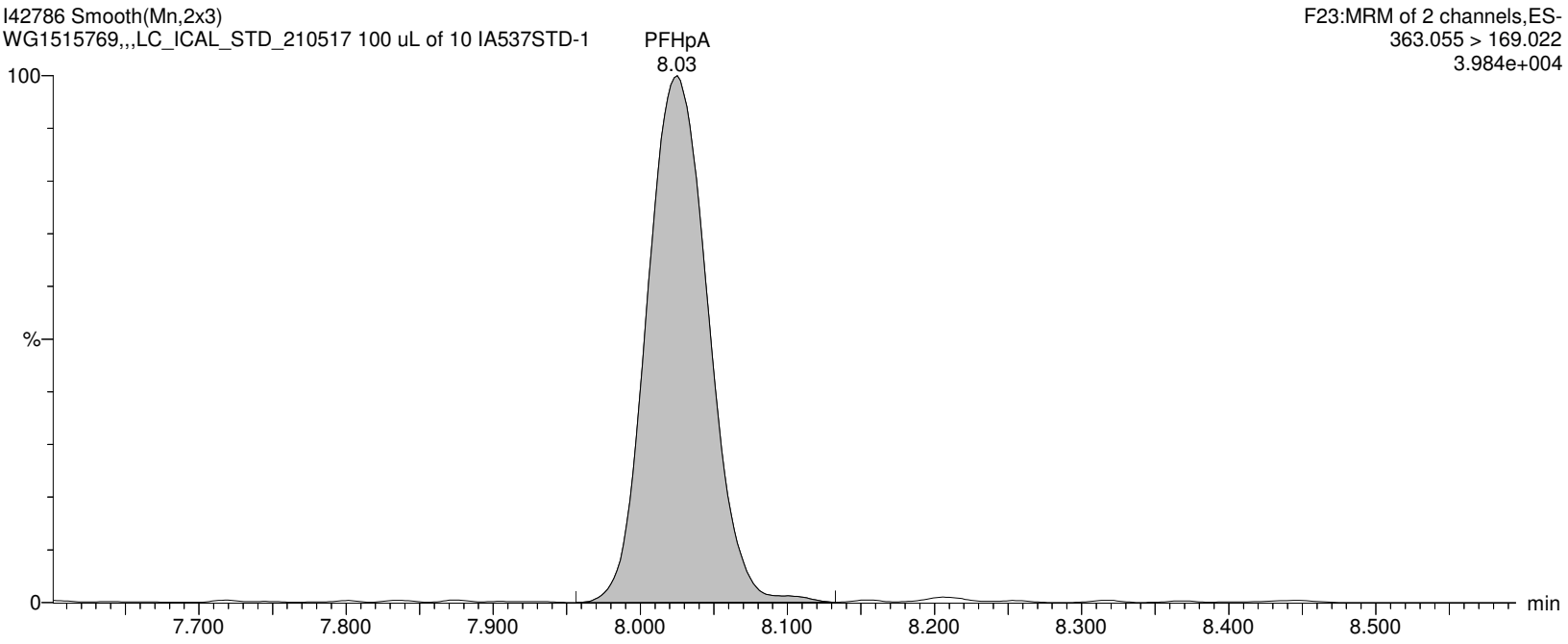
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpA



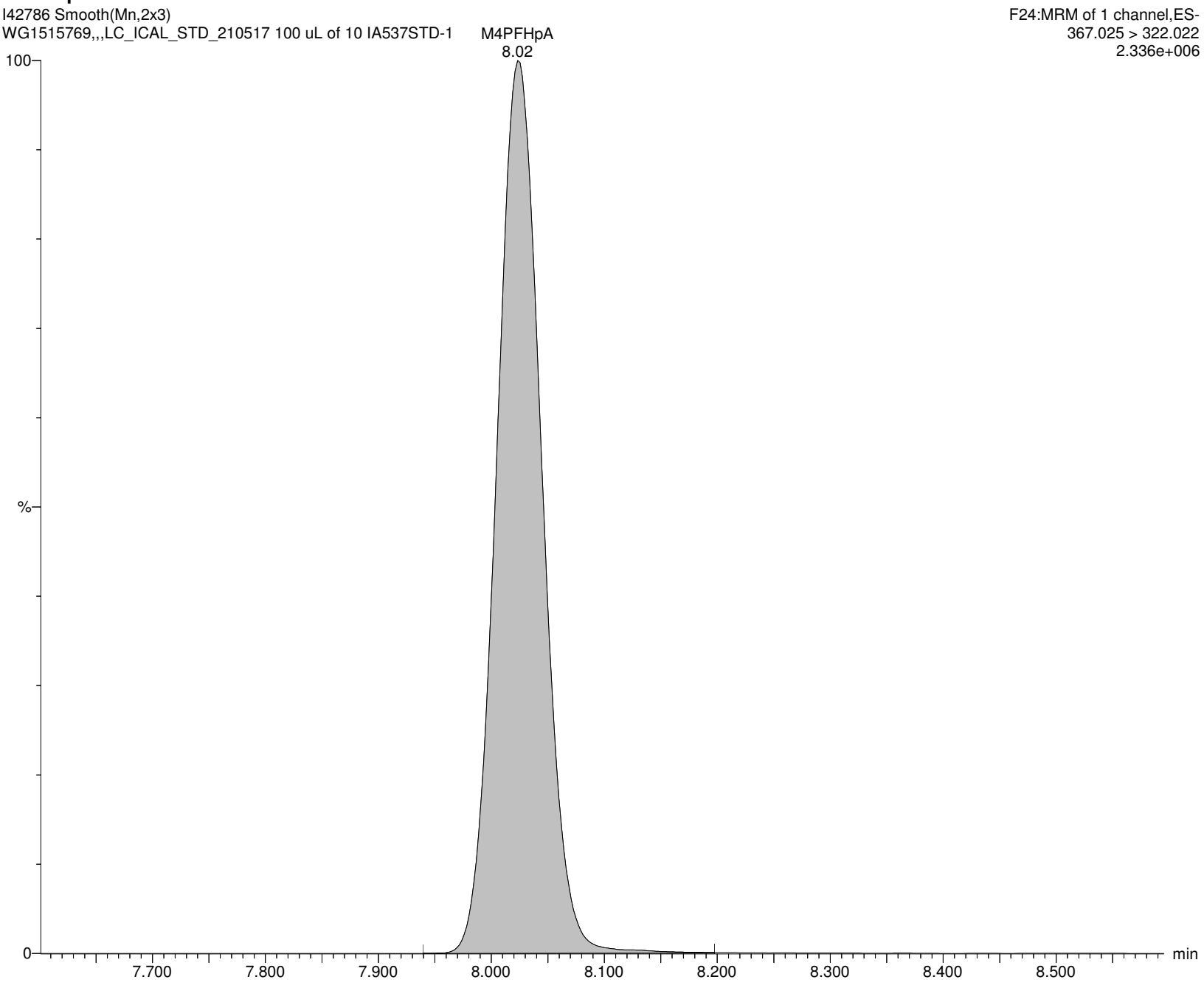


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFHpA

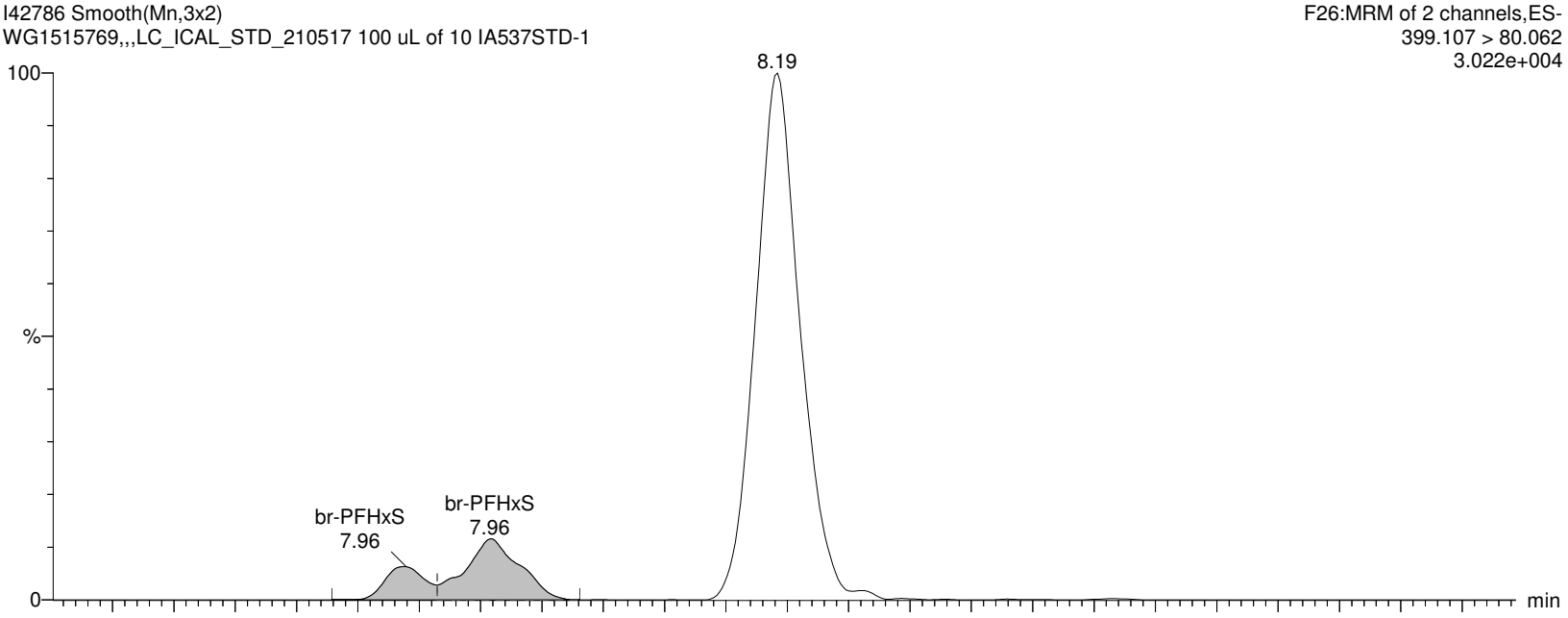


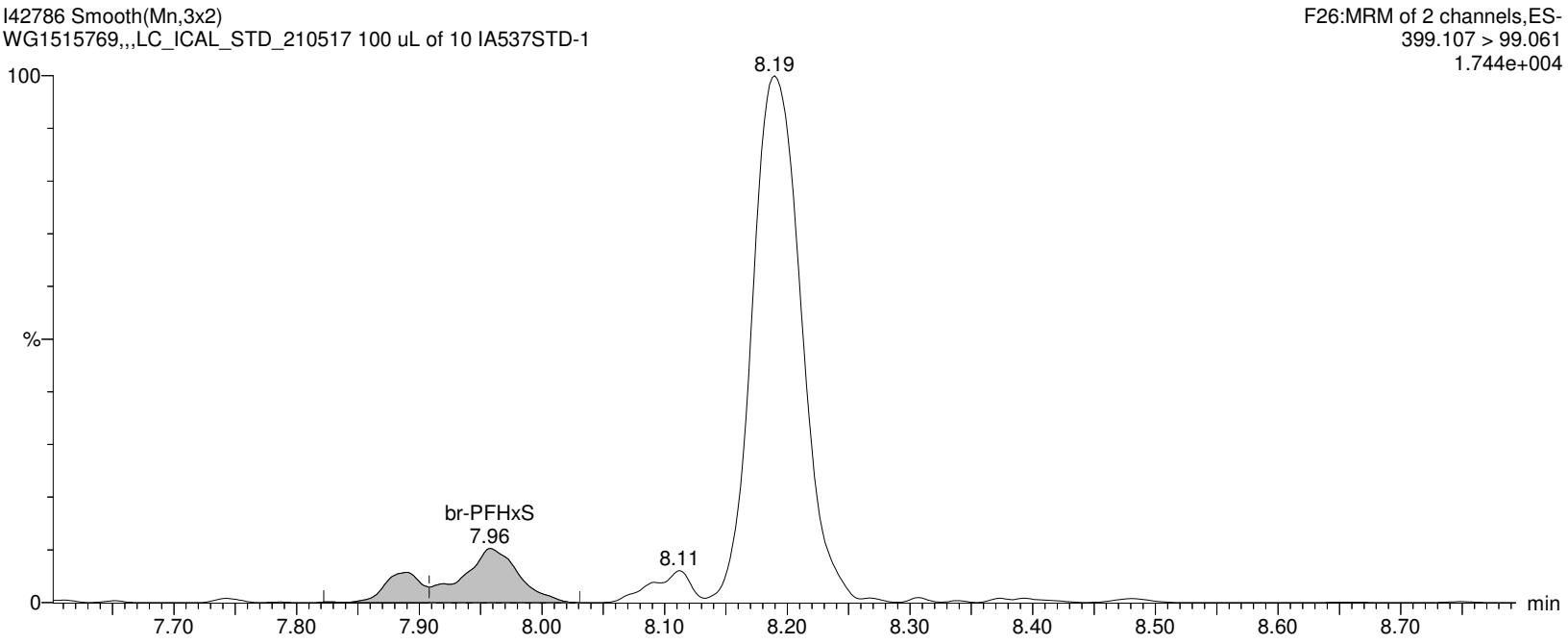
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFHxS



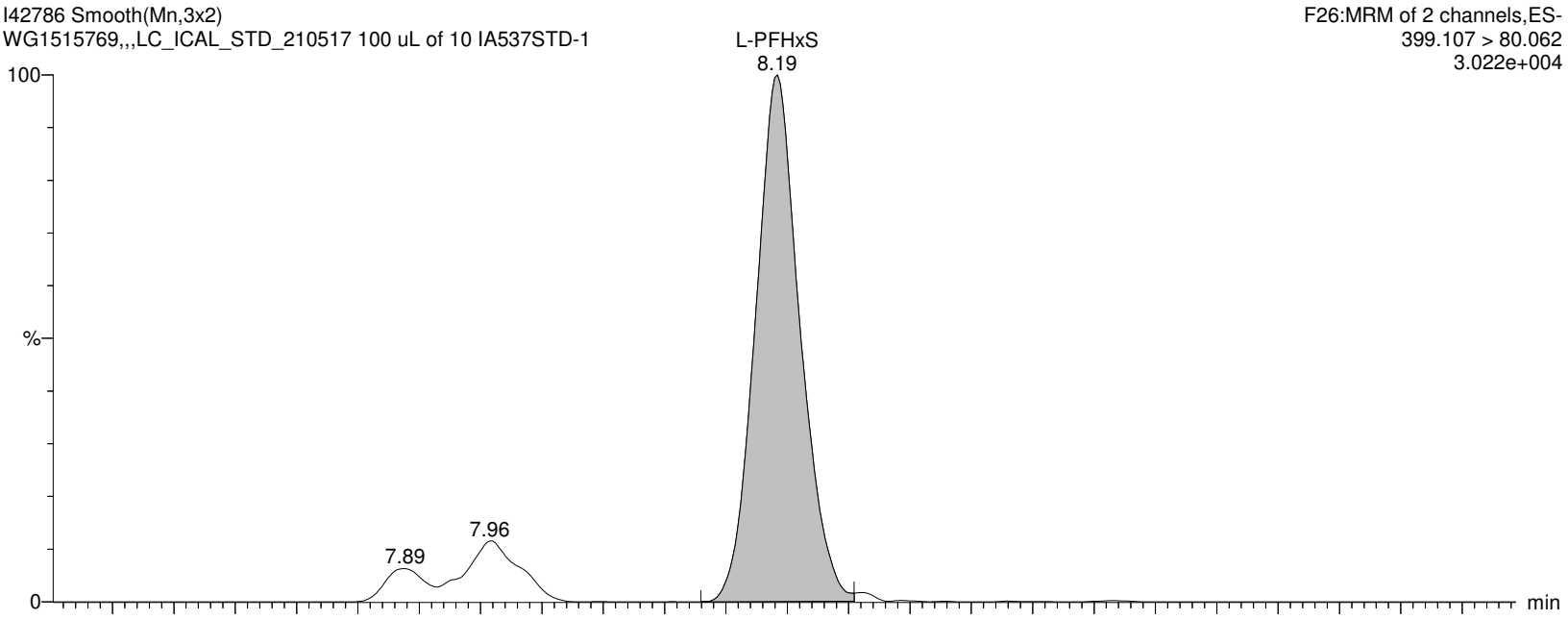


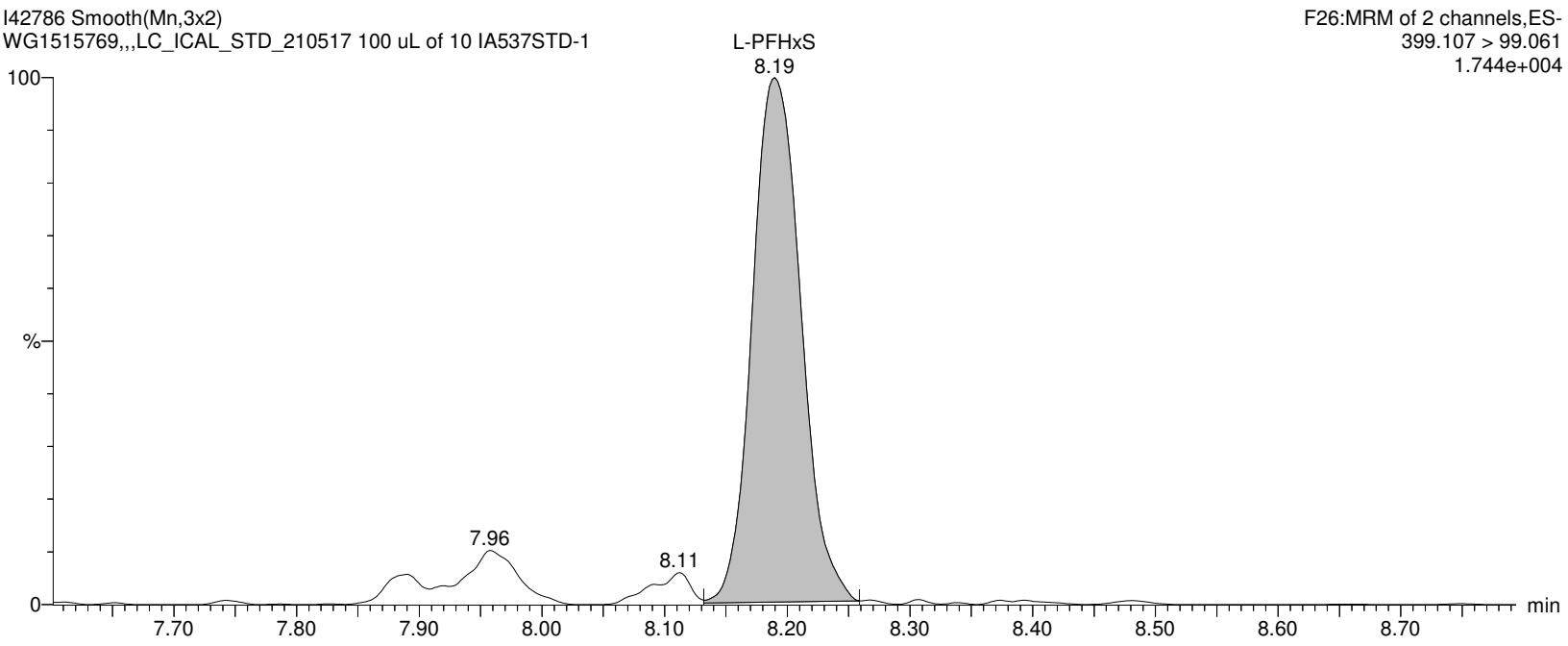
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFHxS



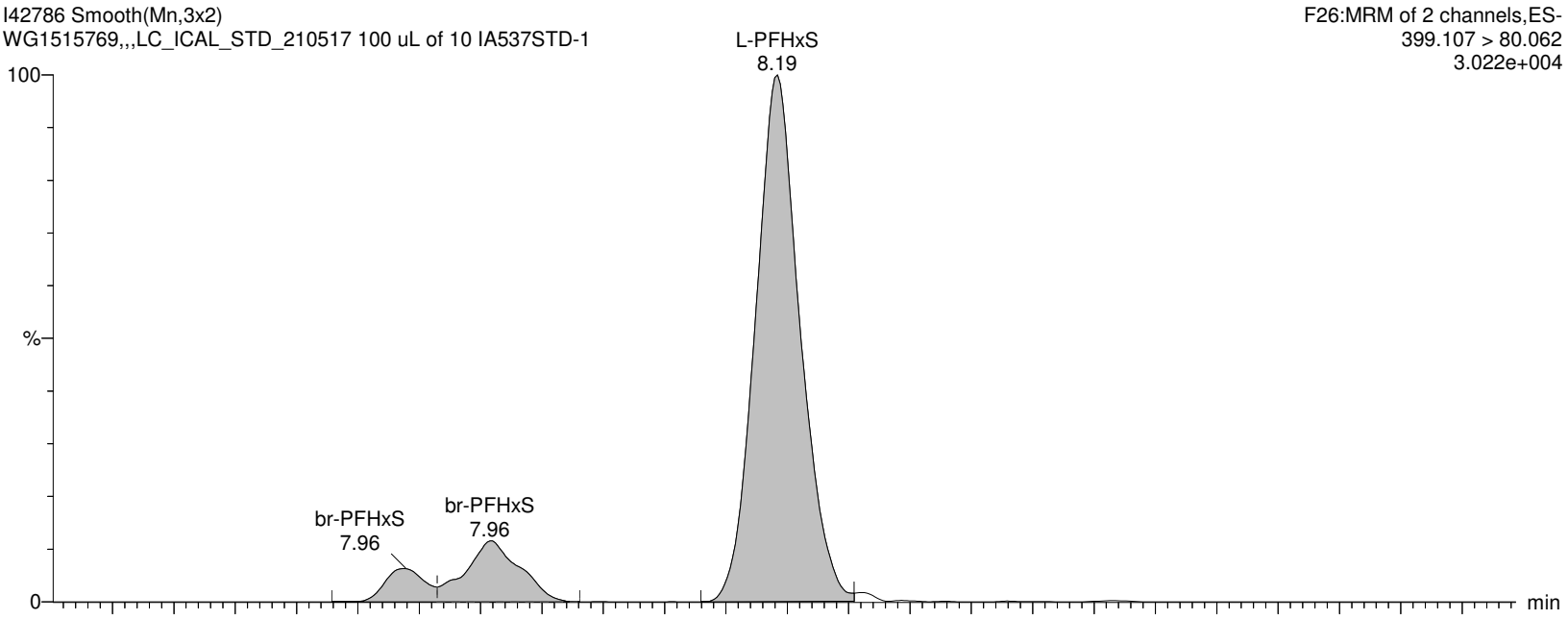


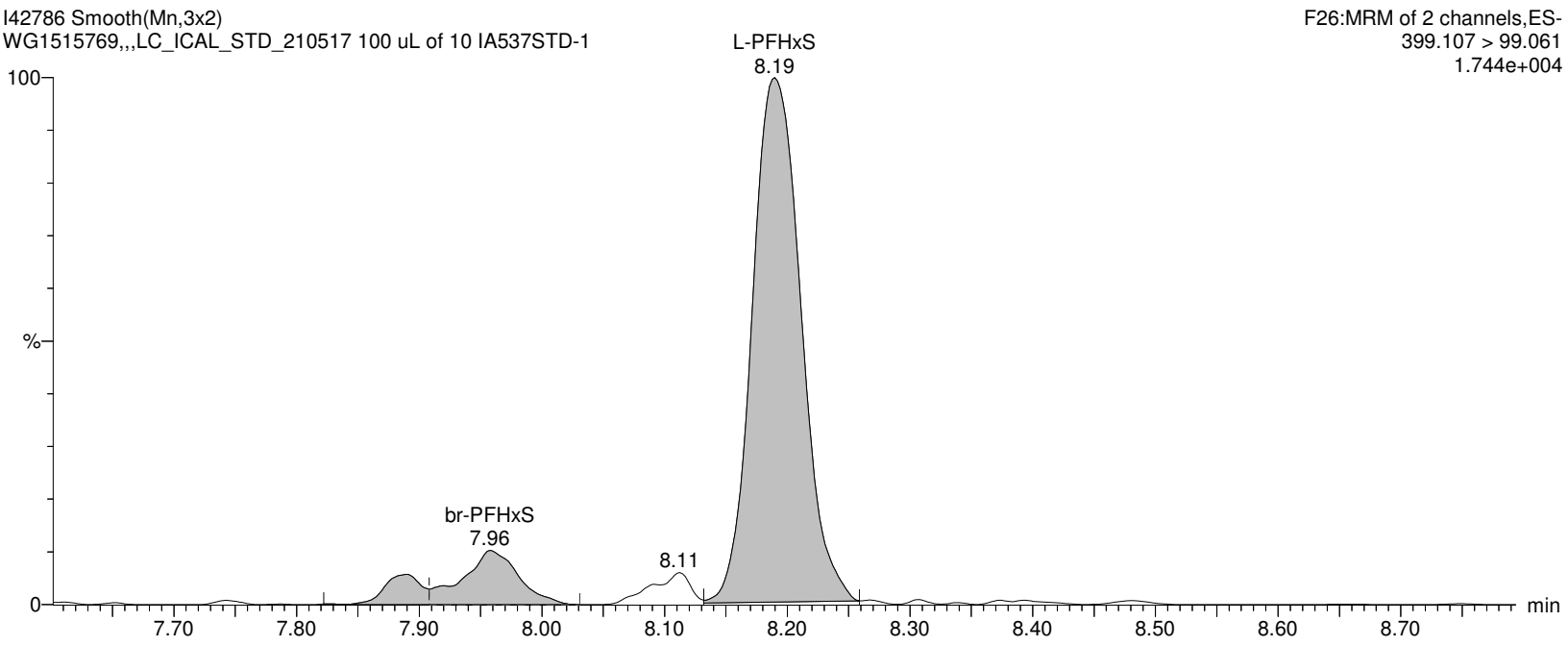
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxS



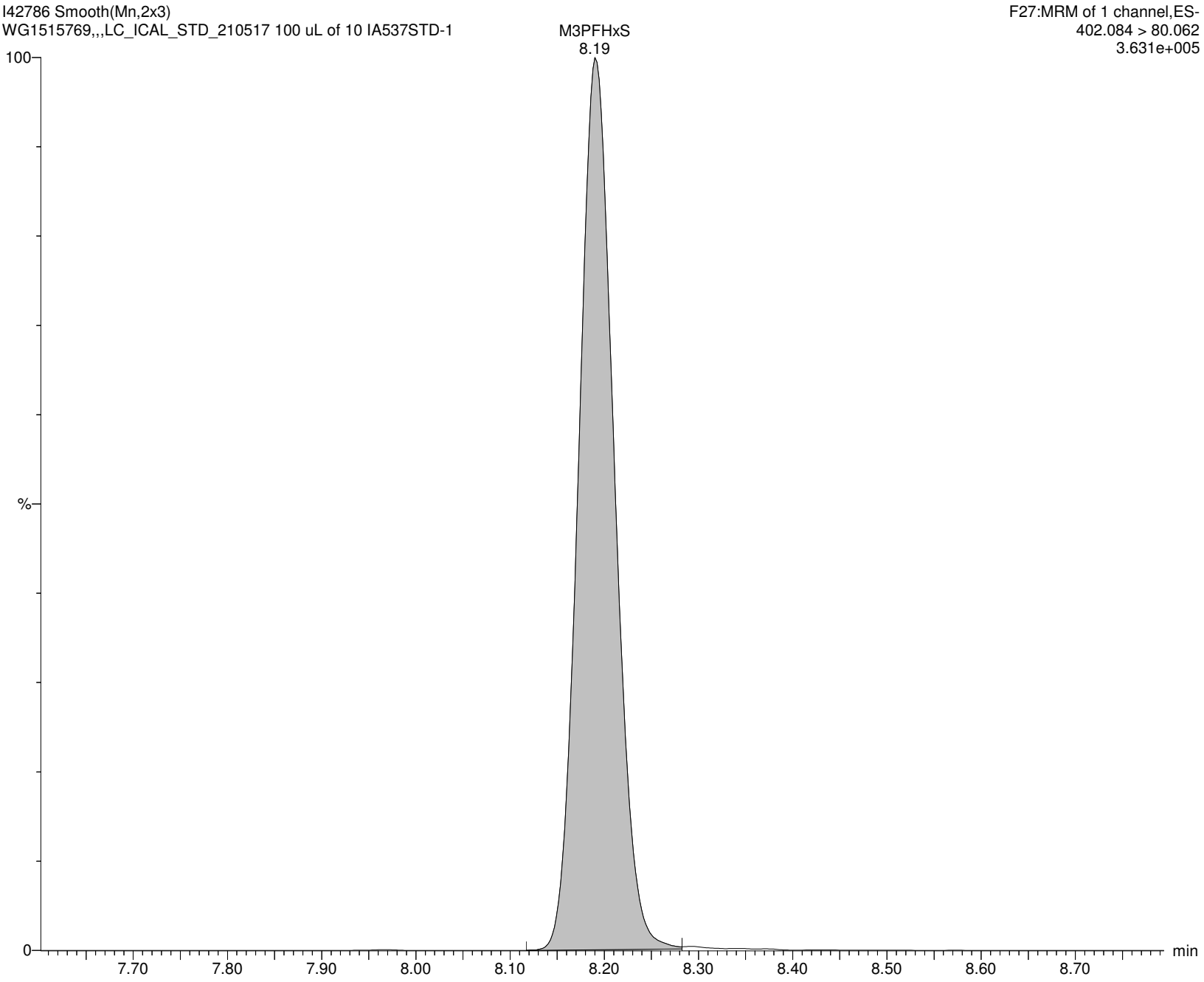


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFHxS

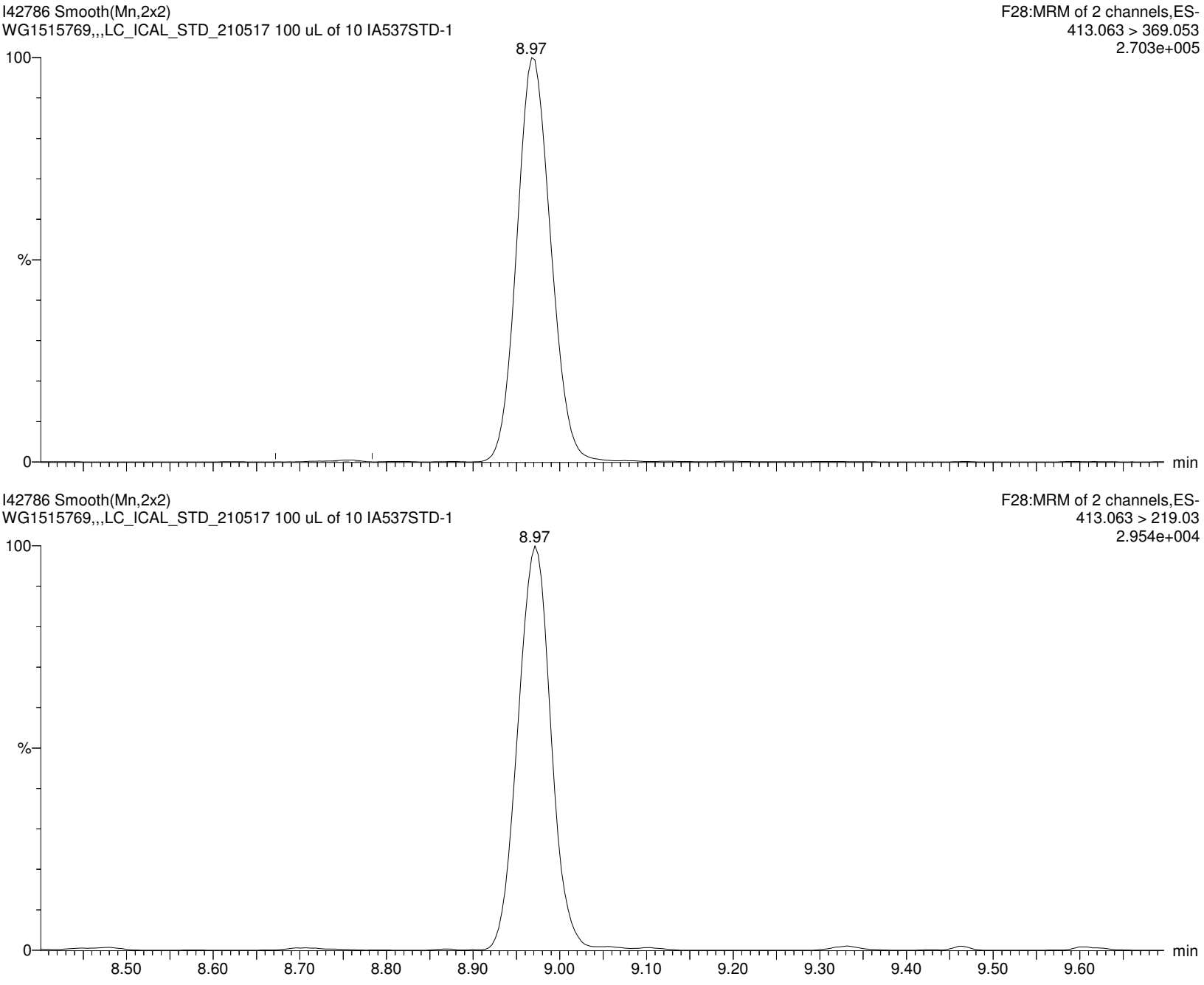


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOA

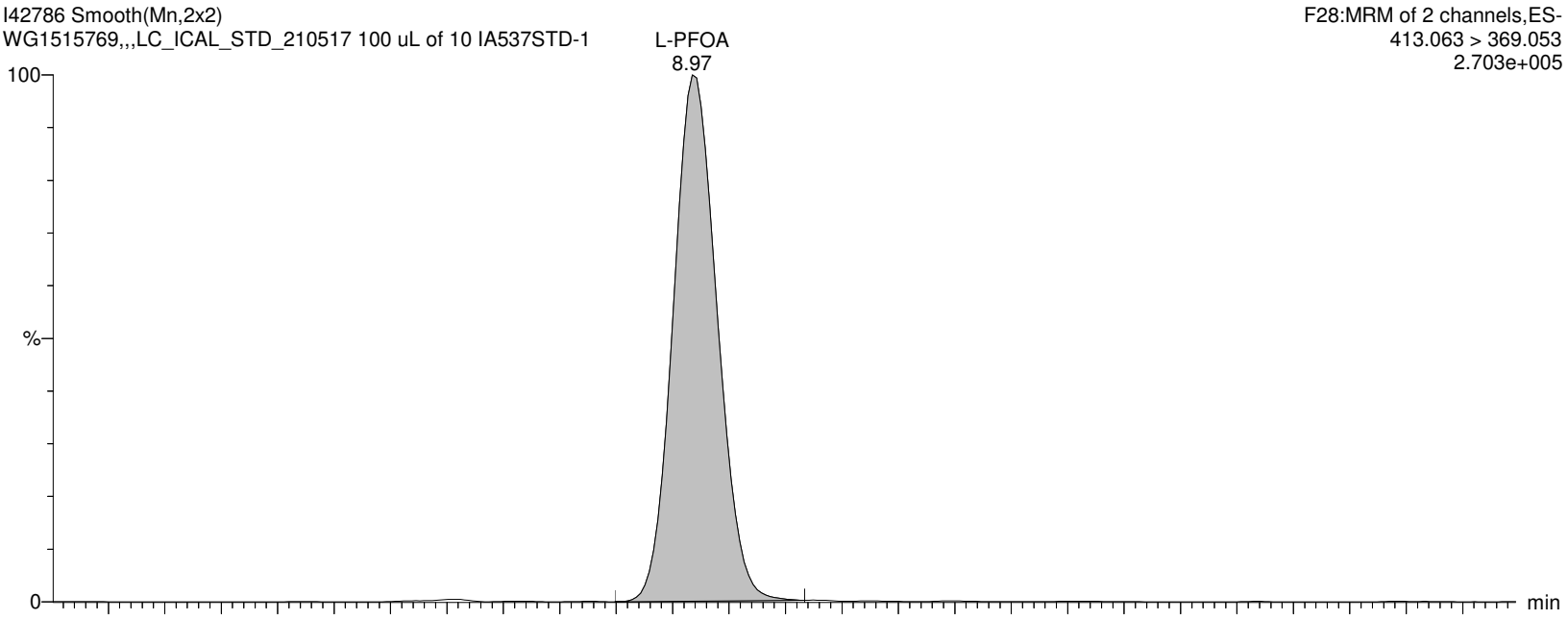


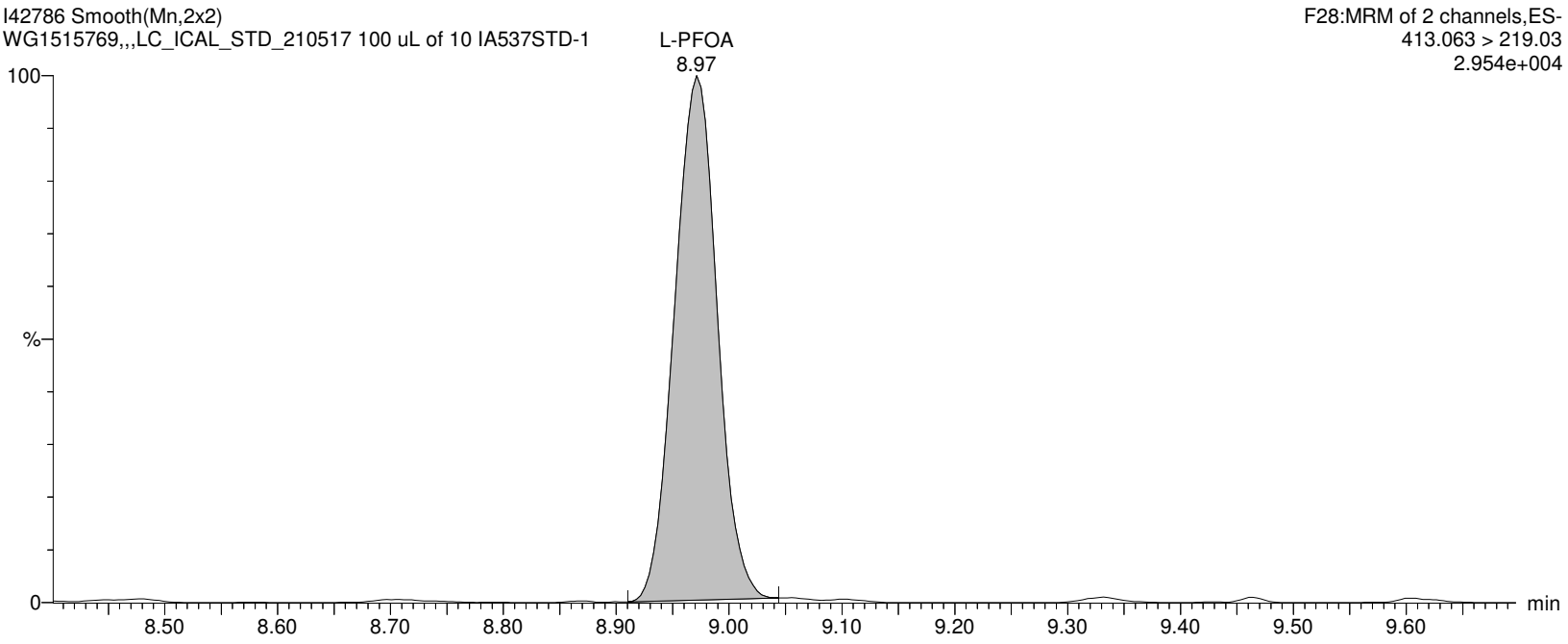
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOA



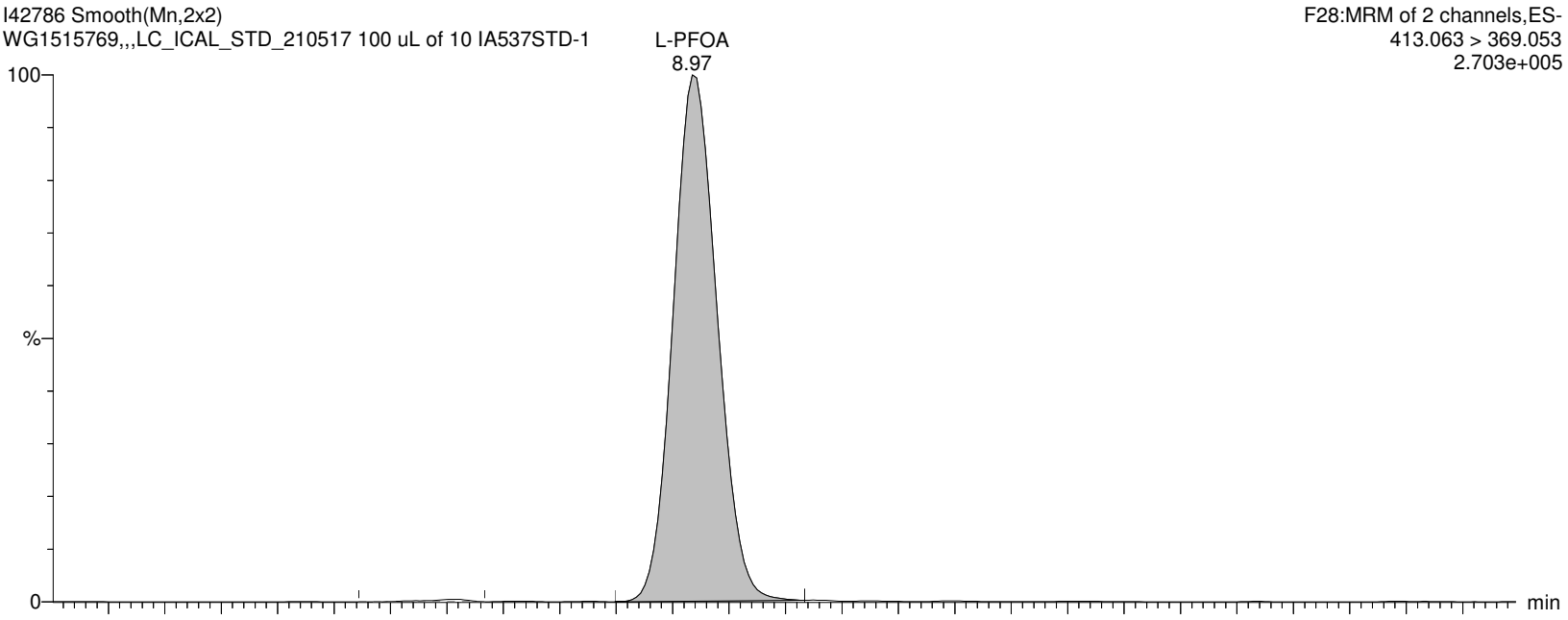


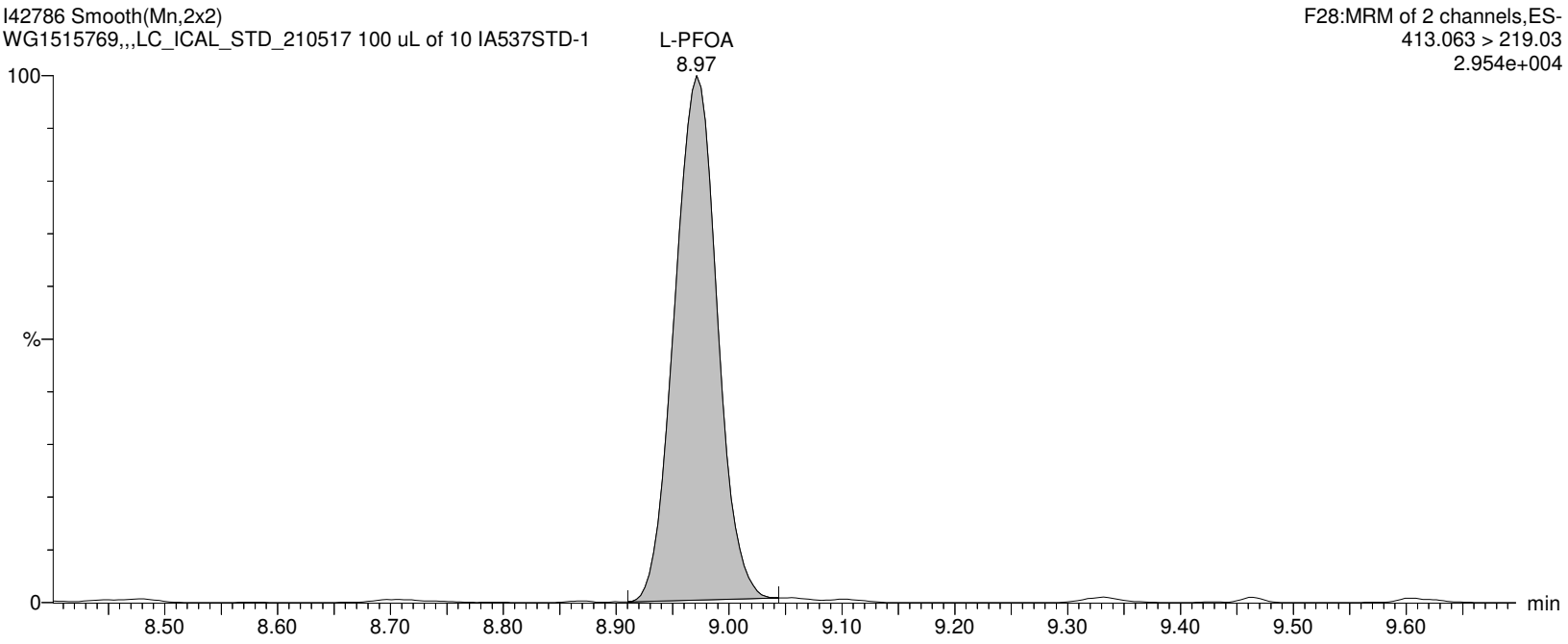
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOA



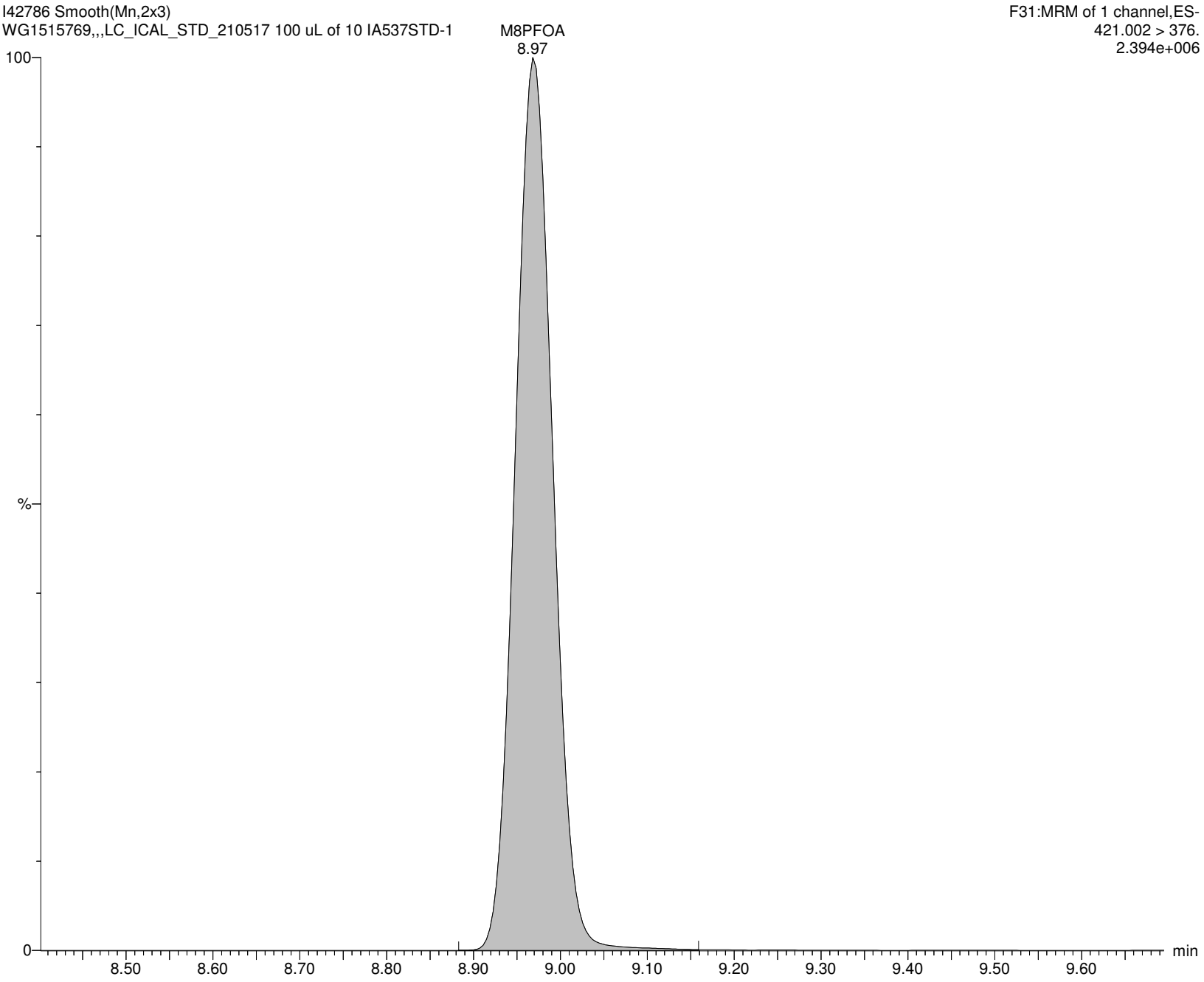


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOA

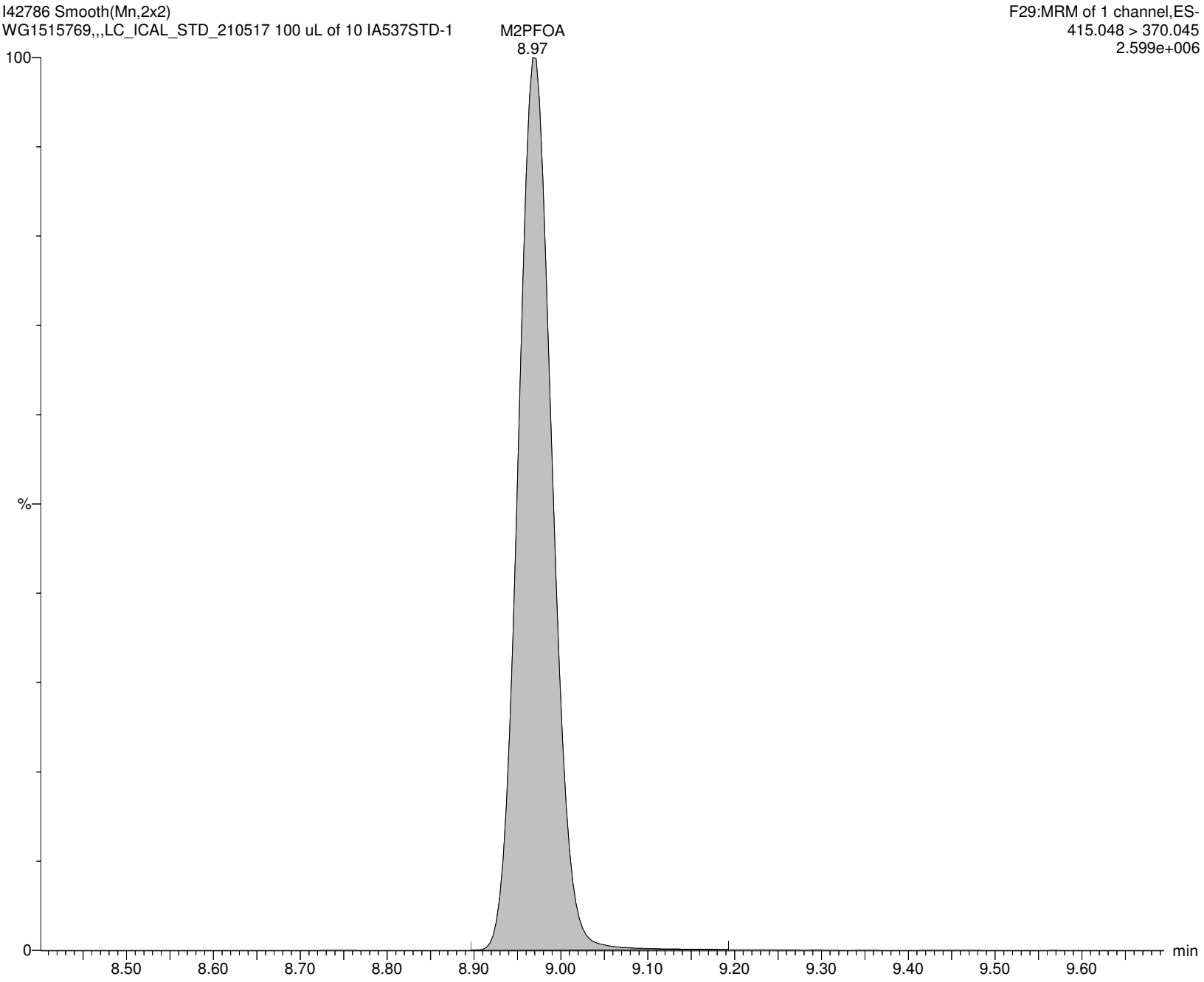


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFOA

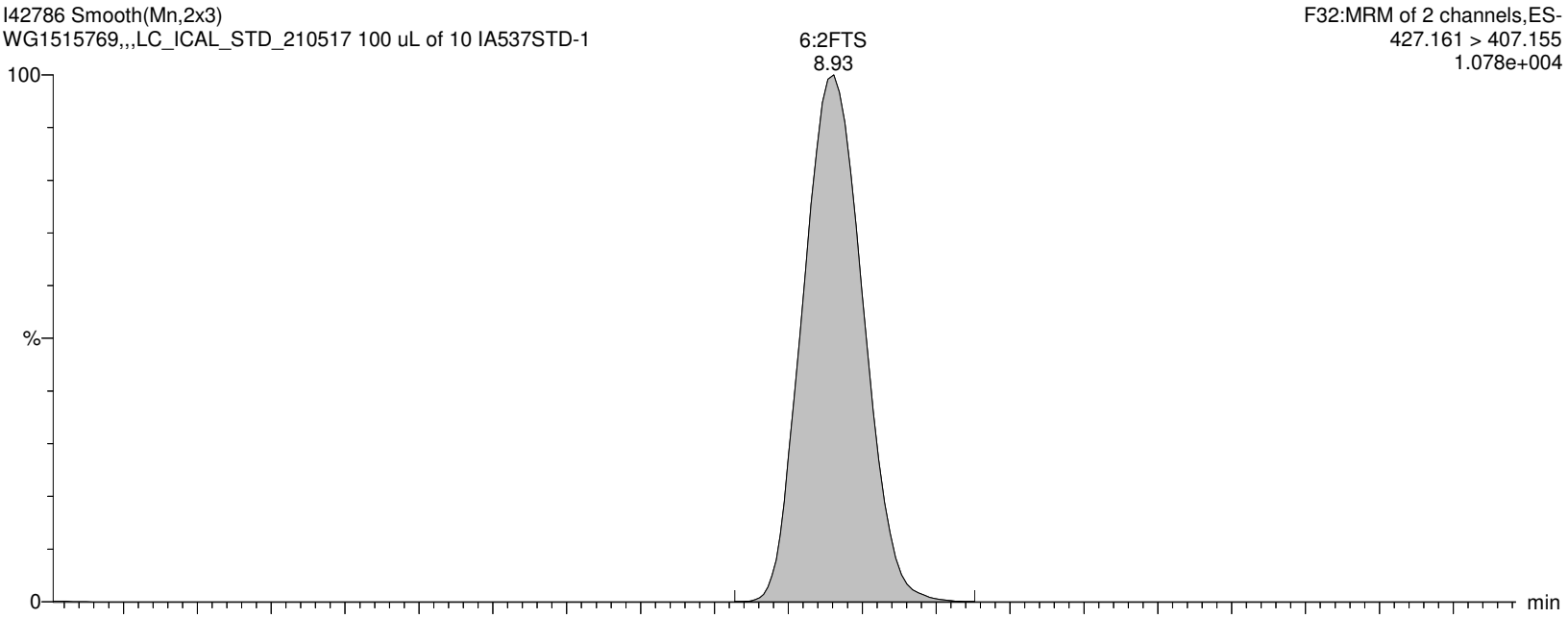


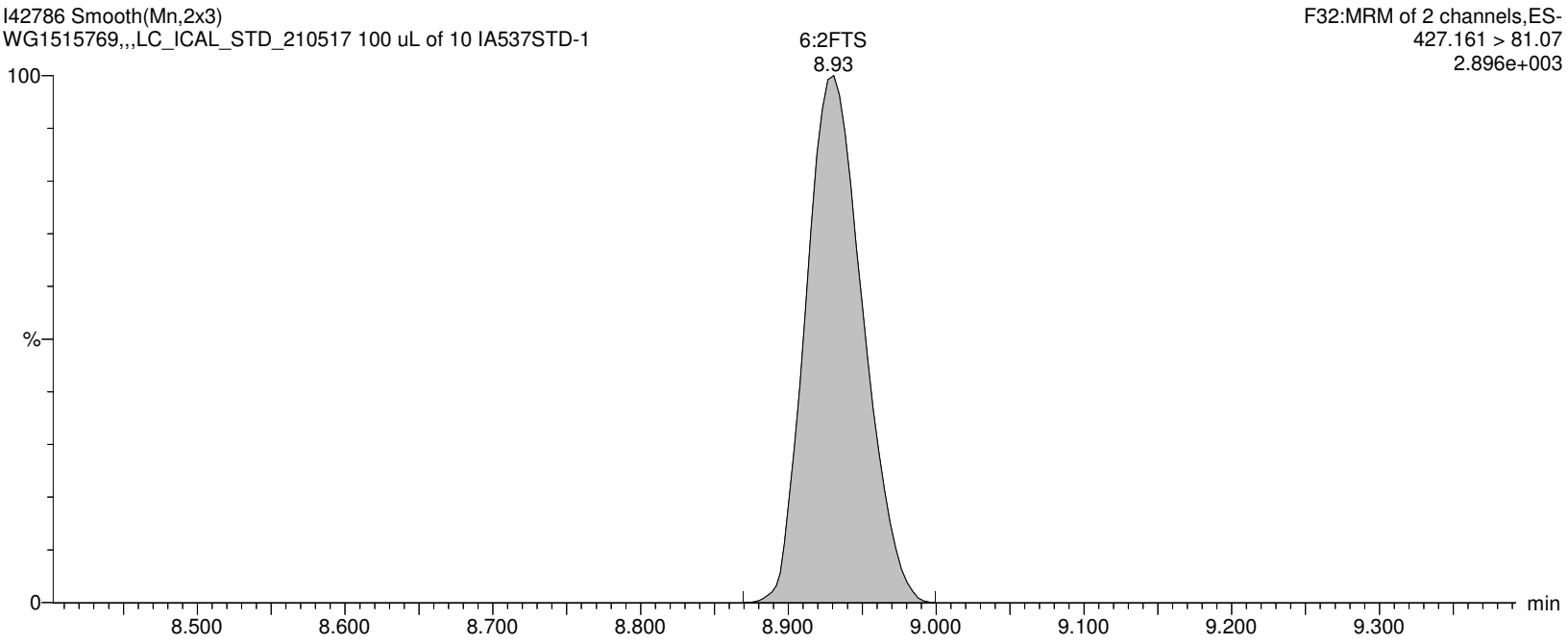
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

6:2FTS



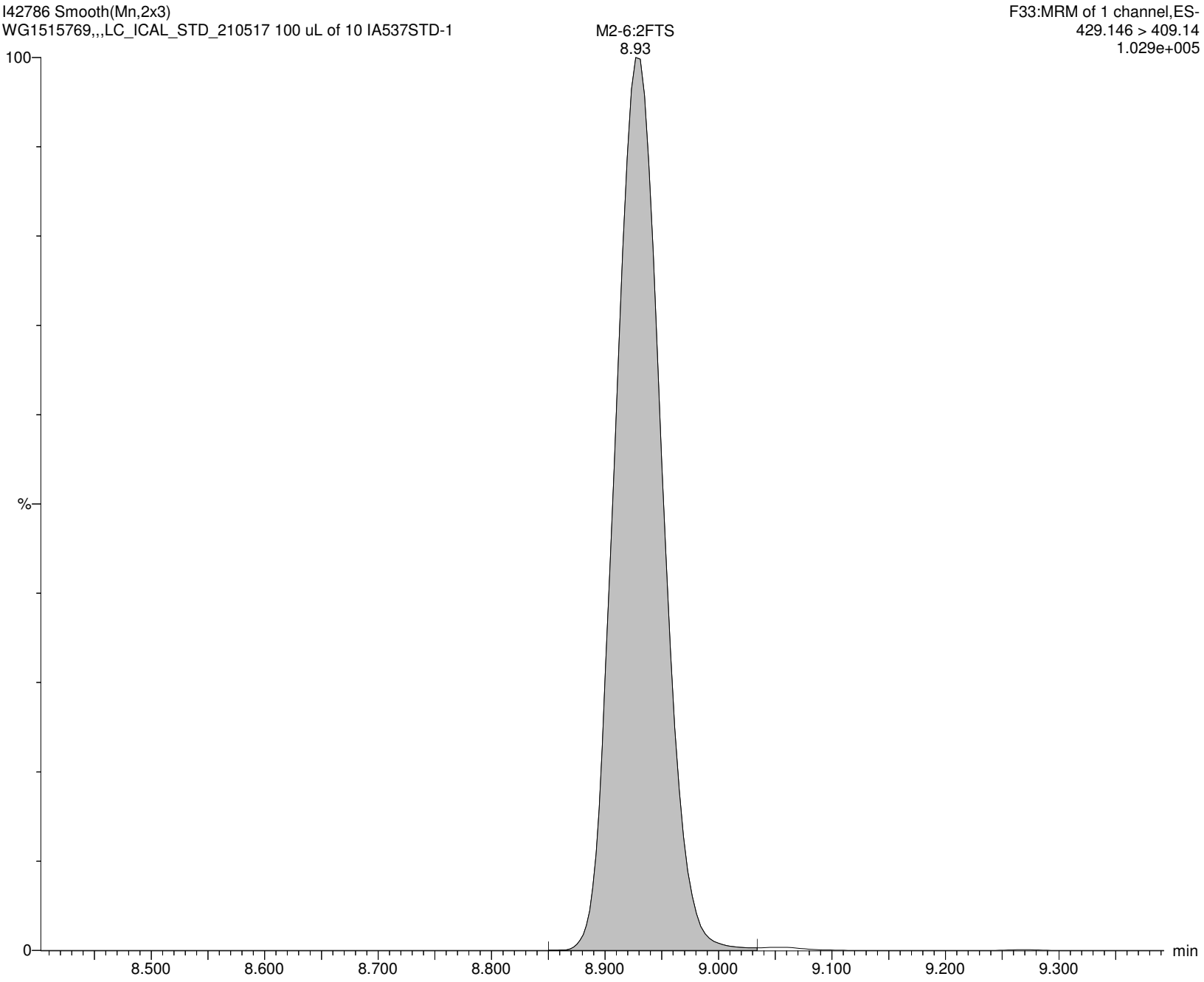


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-6:2FTS

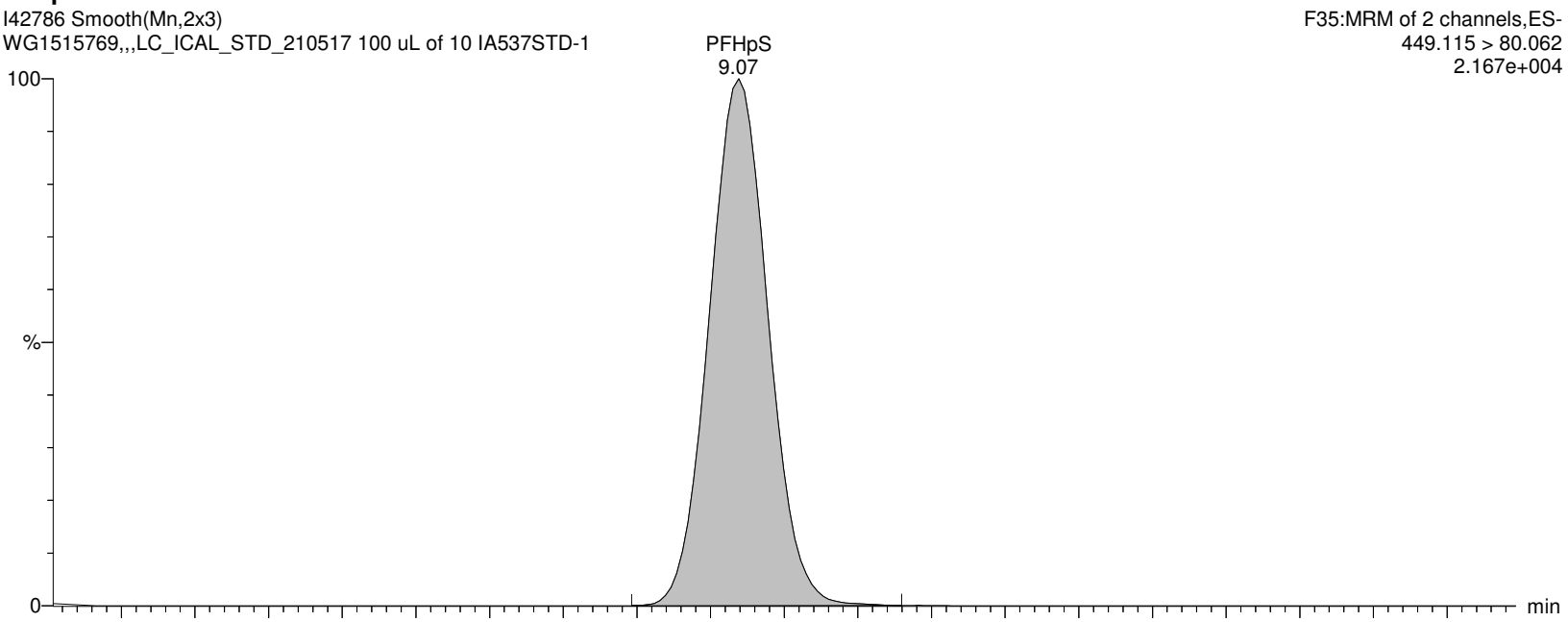


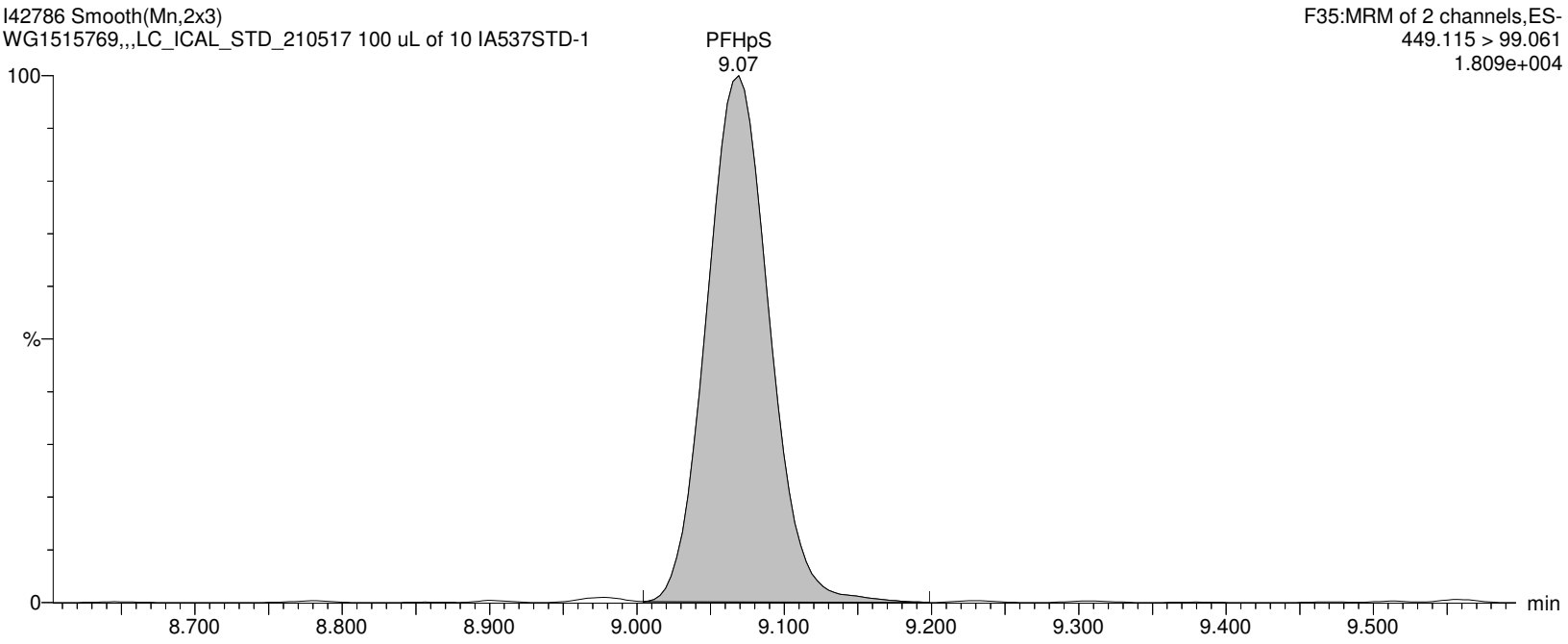
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpS



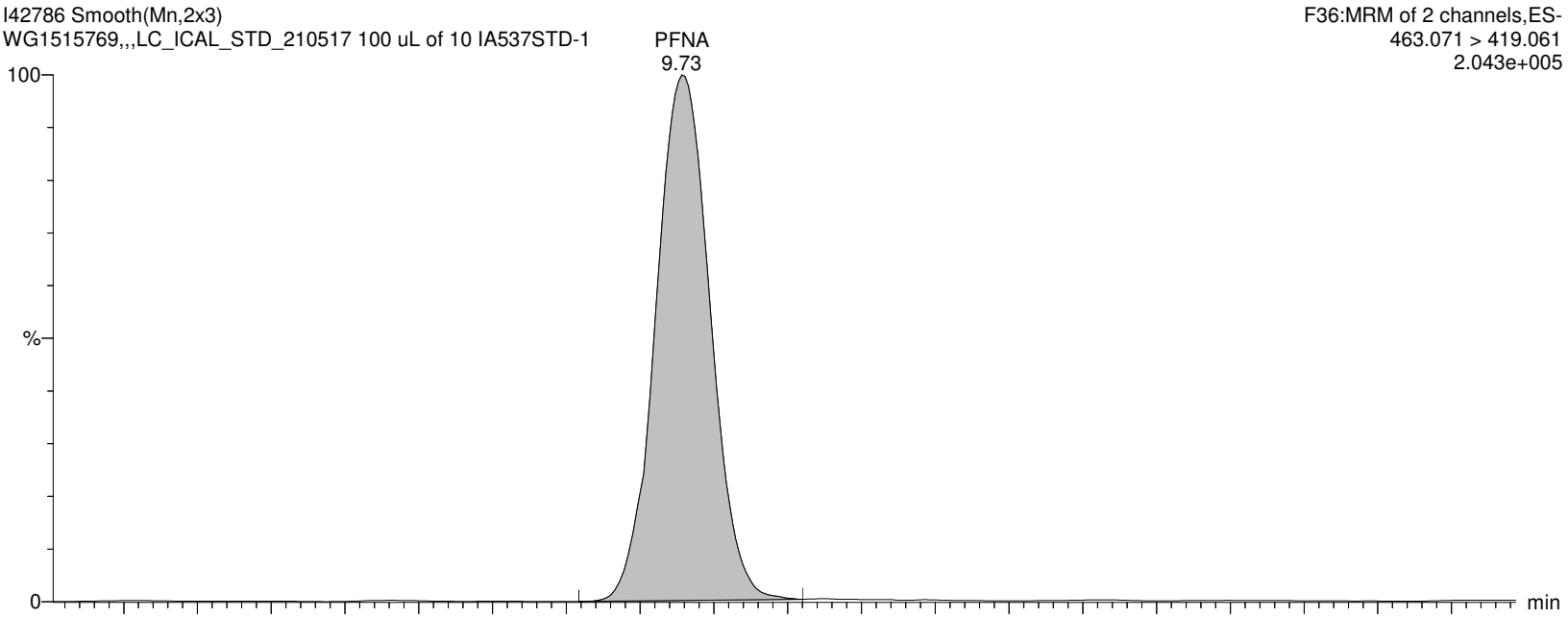


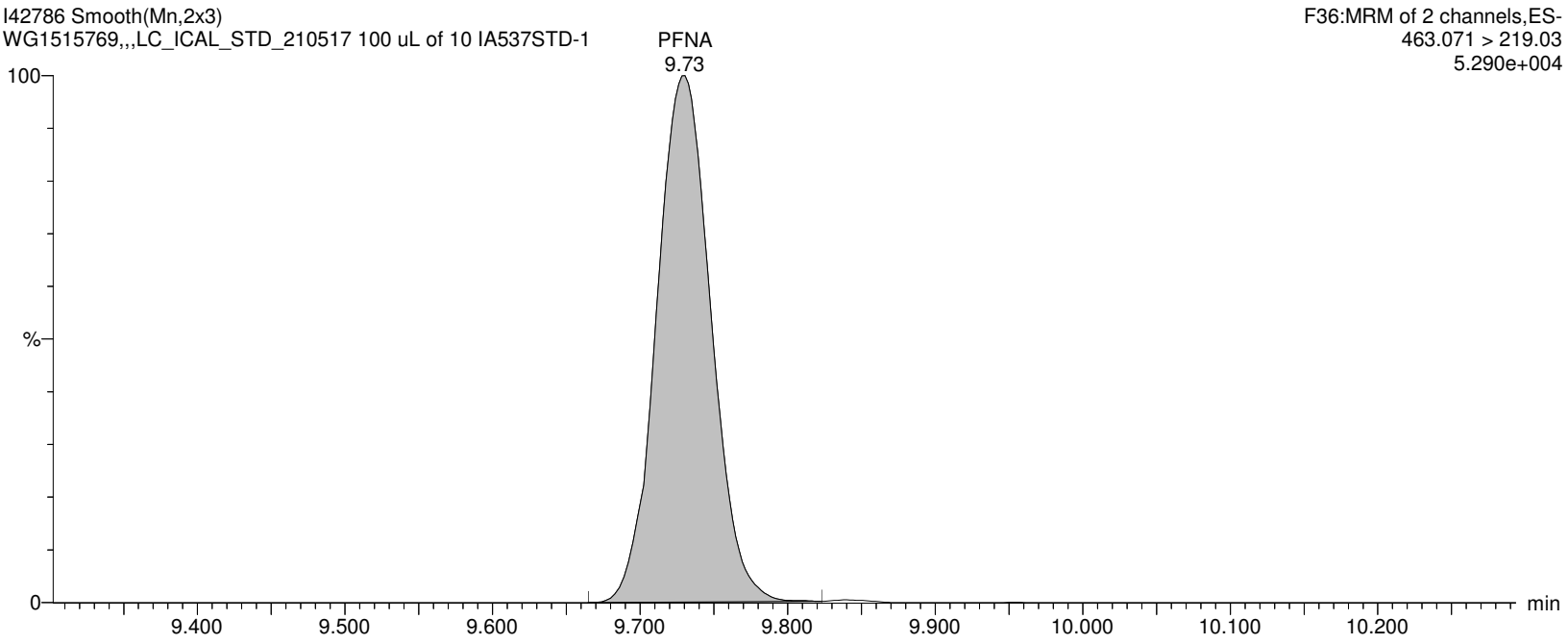
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNA



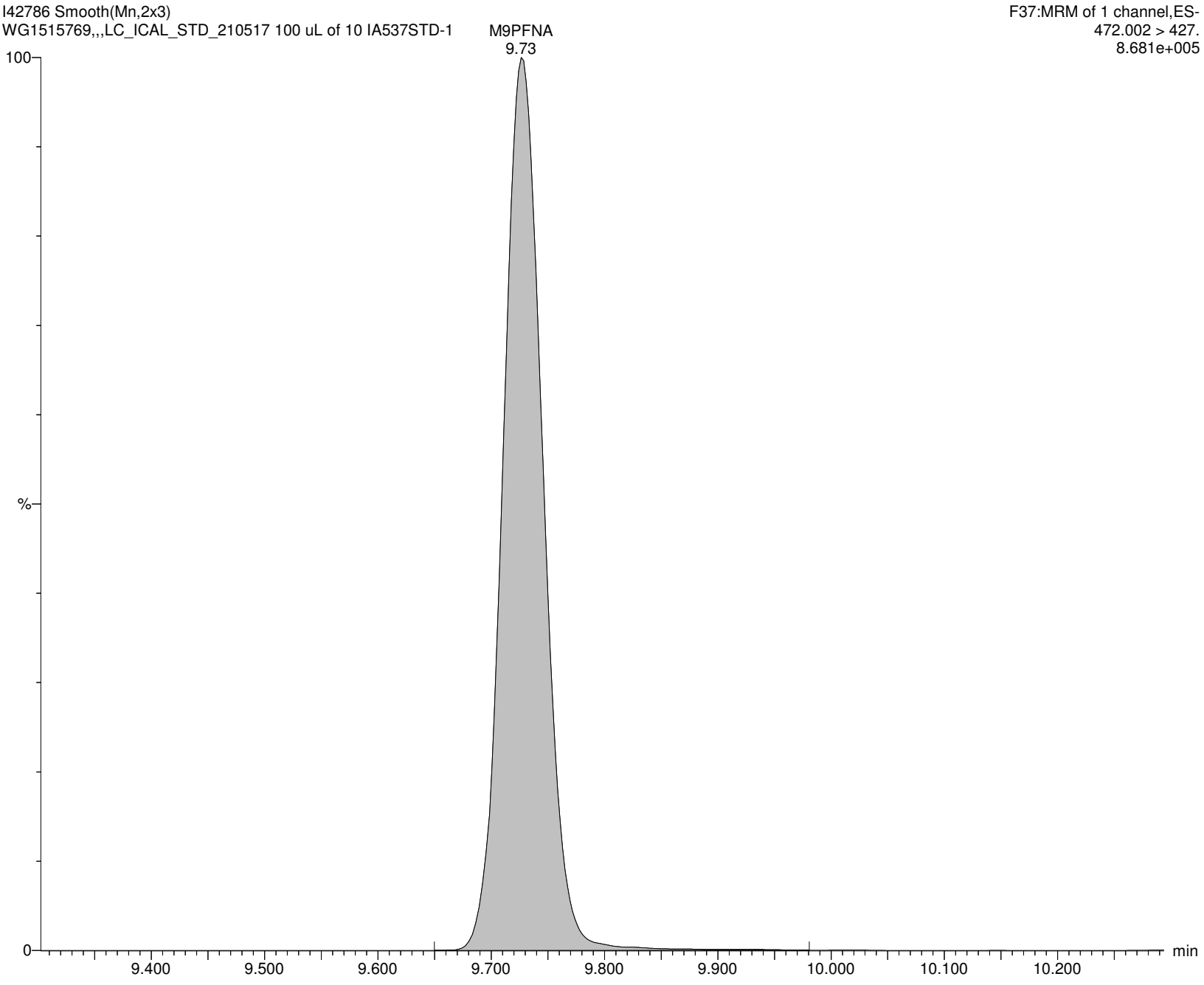


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M9PFNA

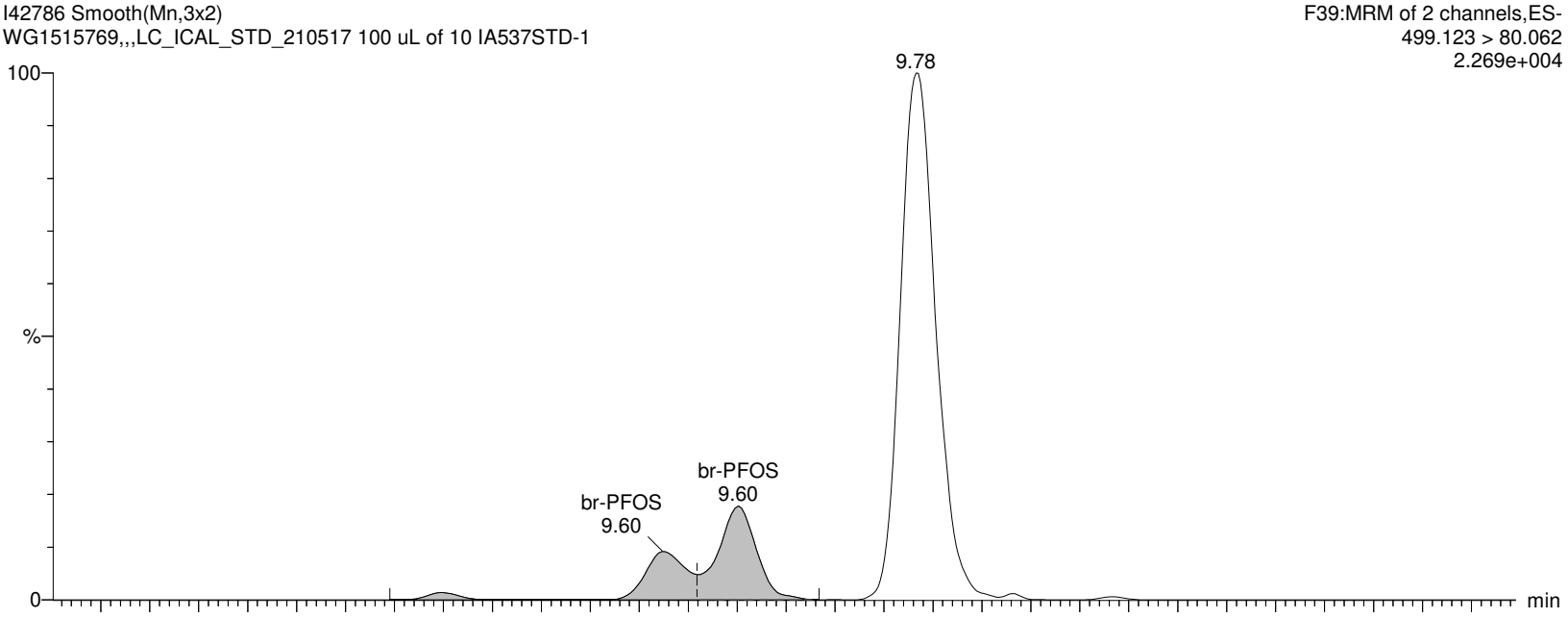


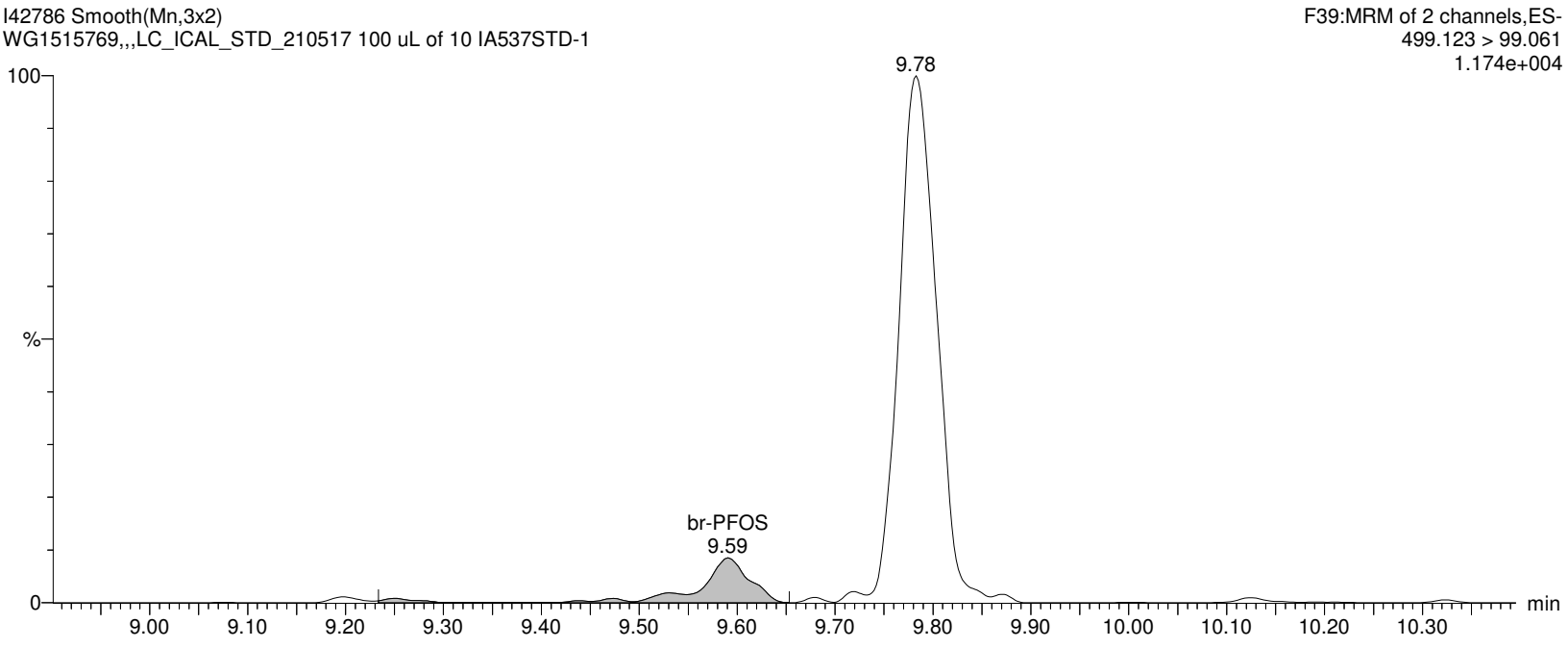
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOS



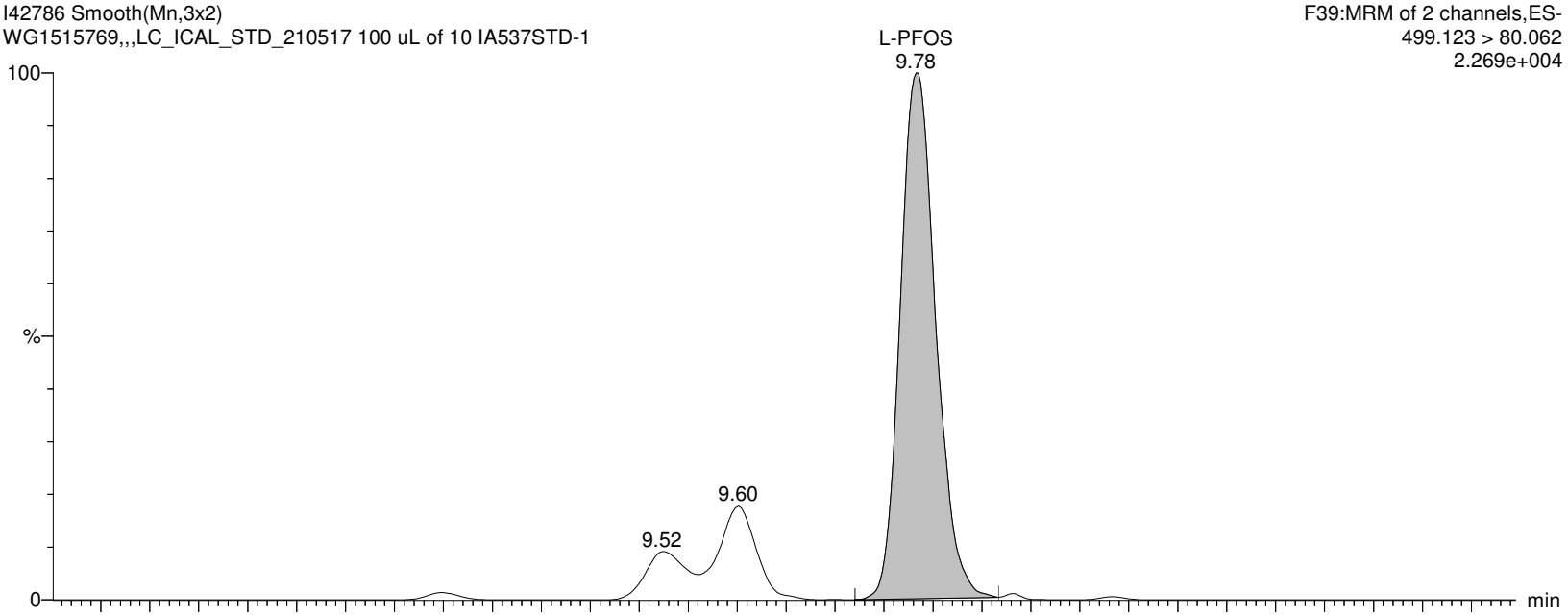


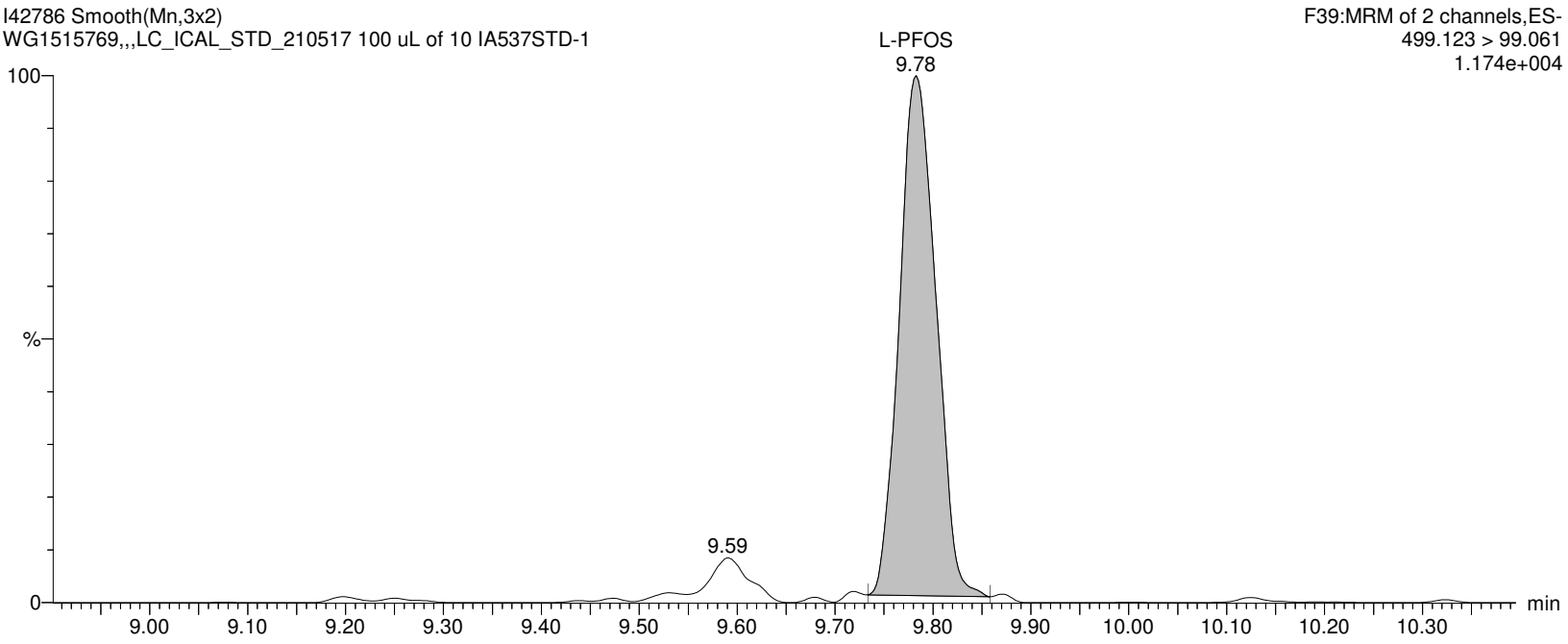
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOS



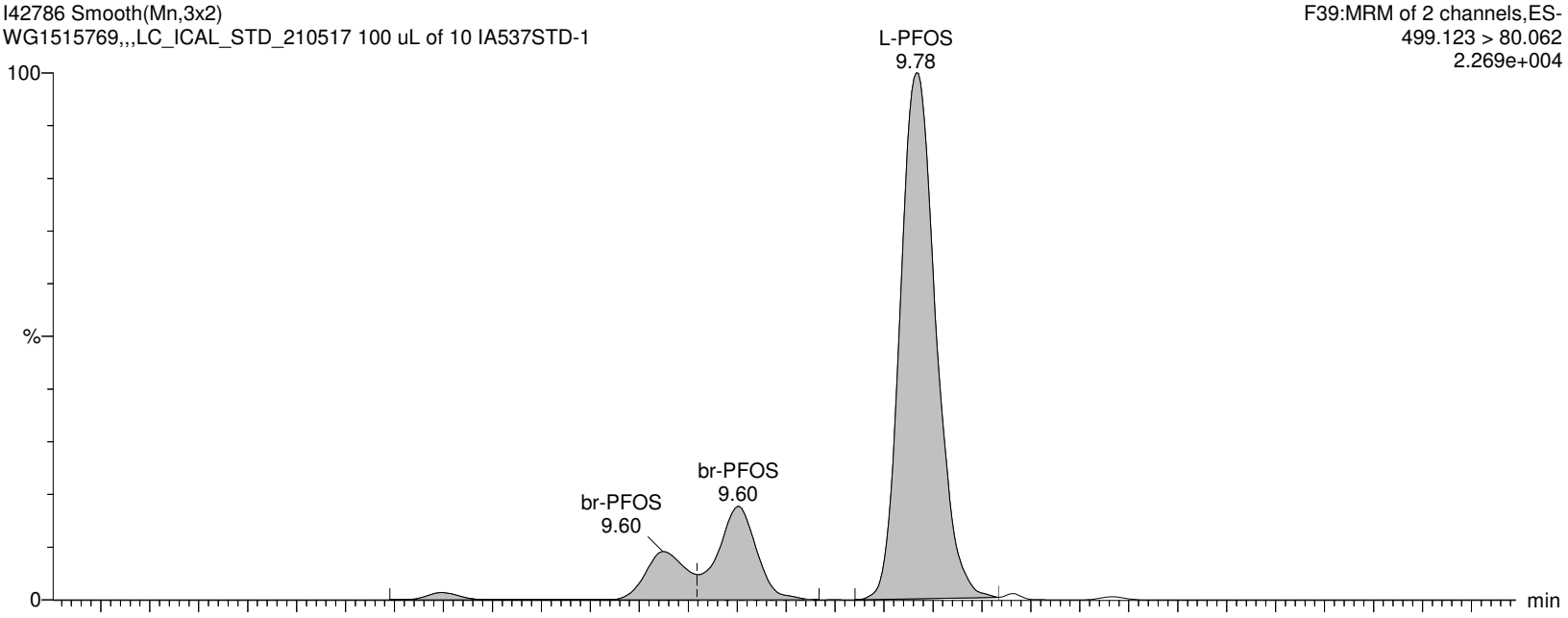


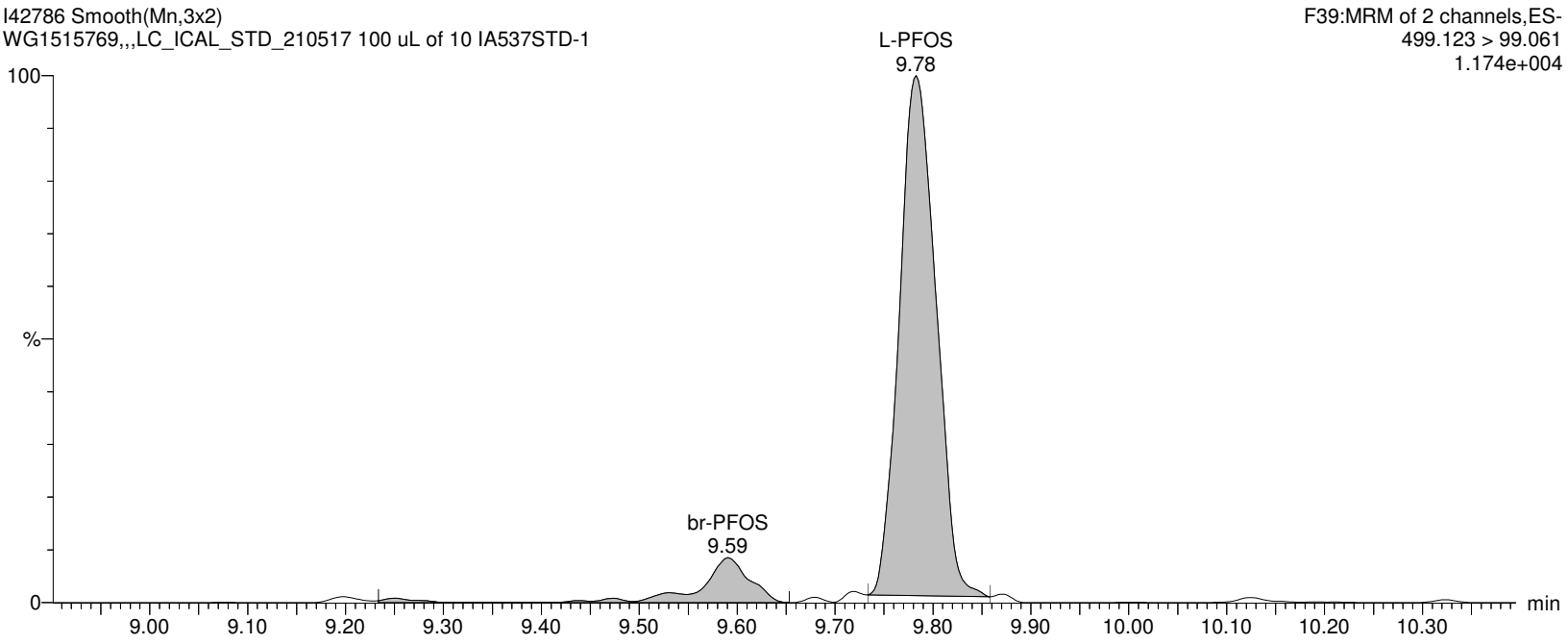
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOS



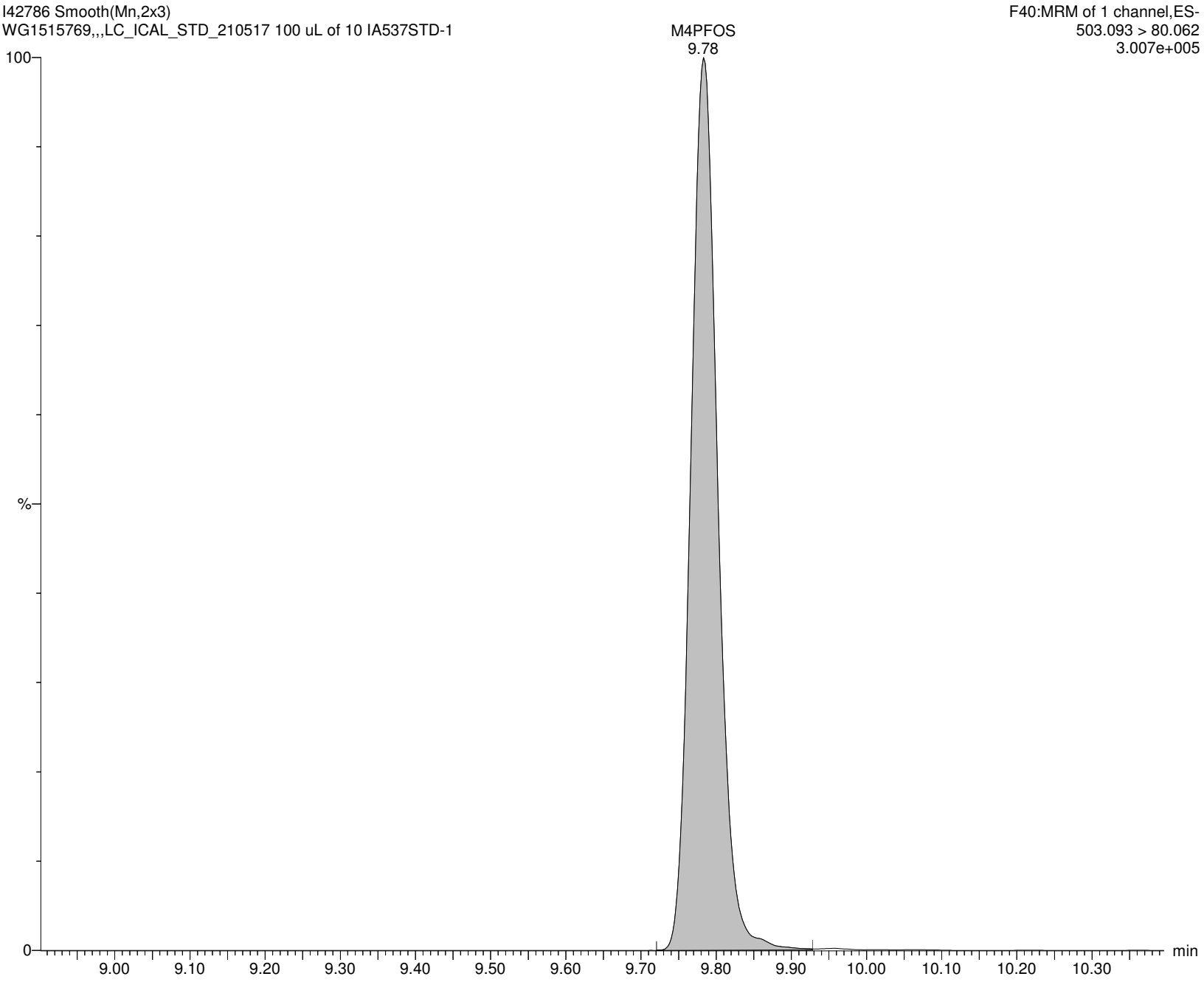


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOS

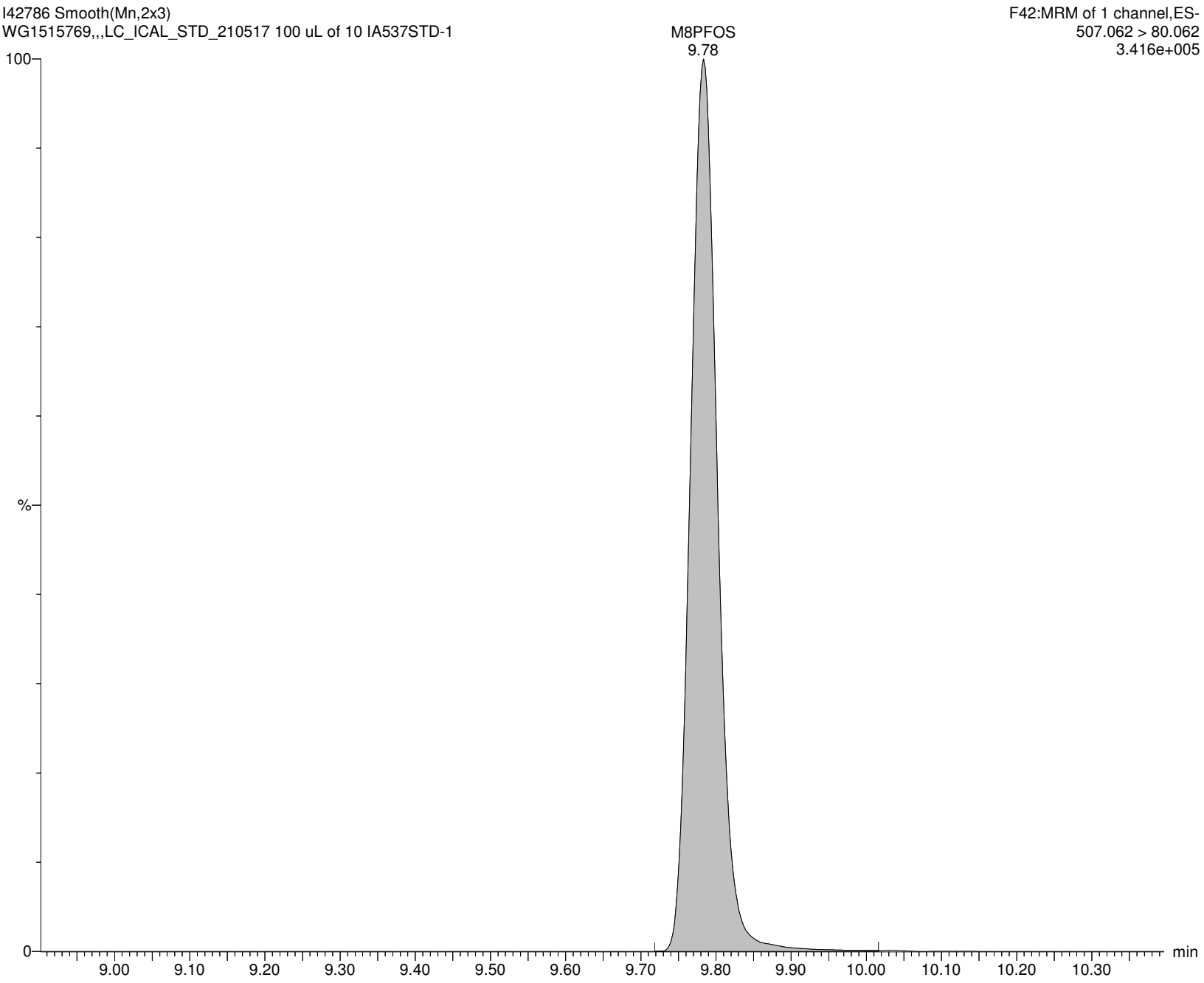


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOS

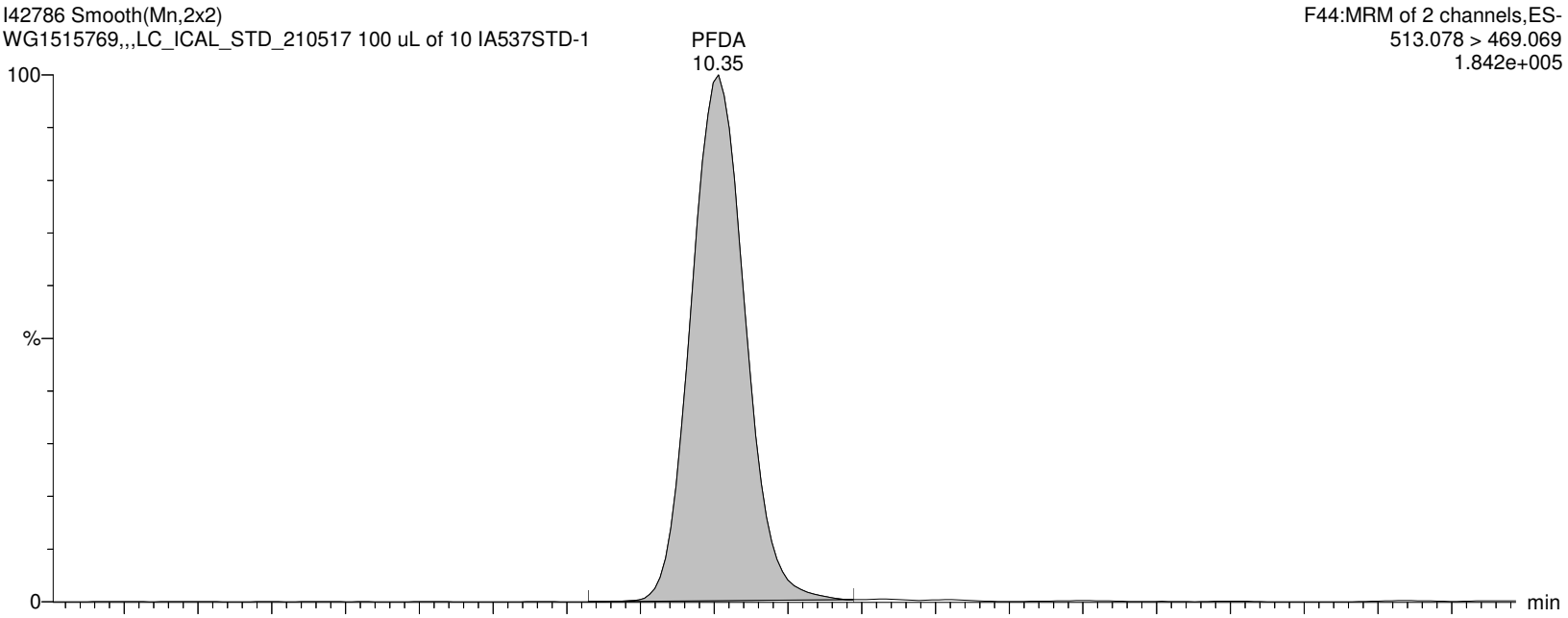


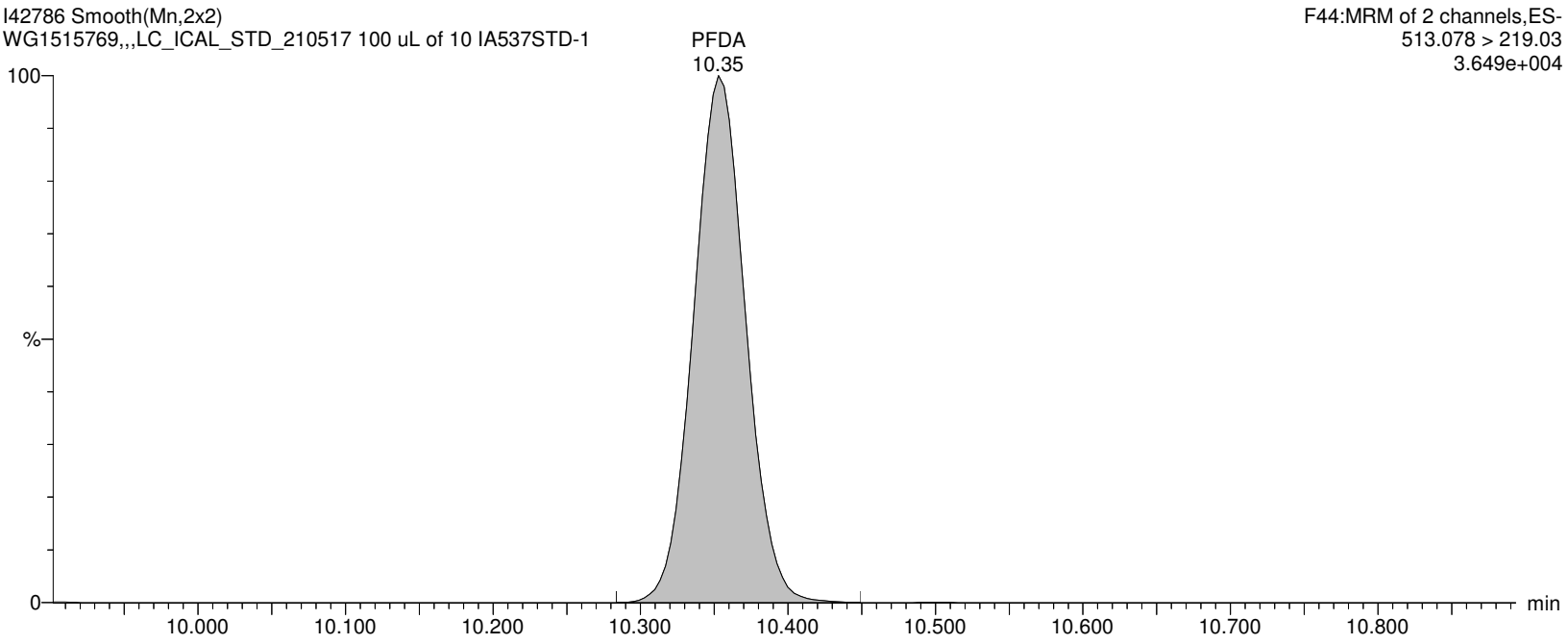
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDA



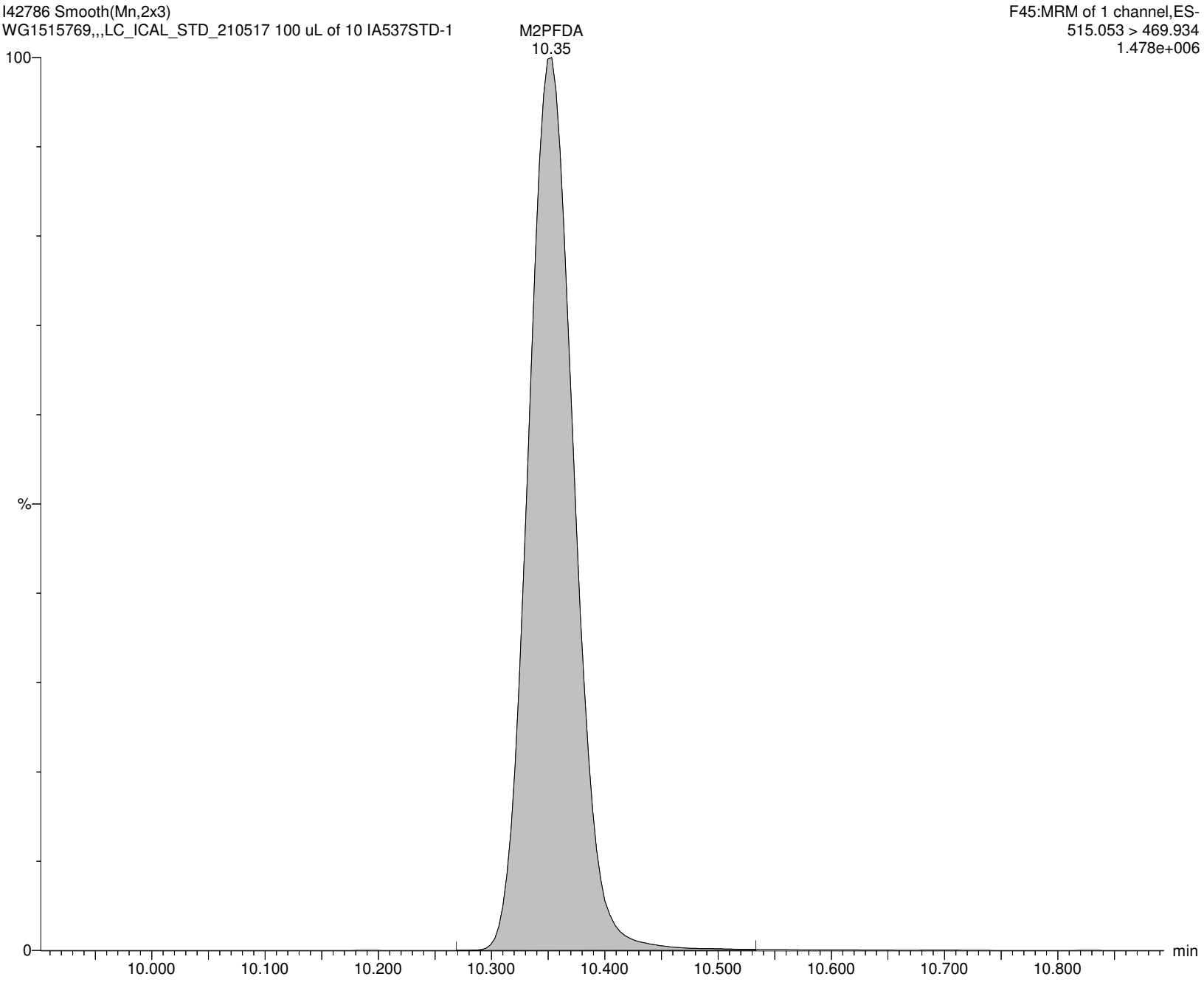


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFDA

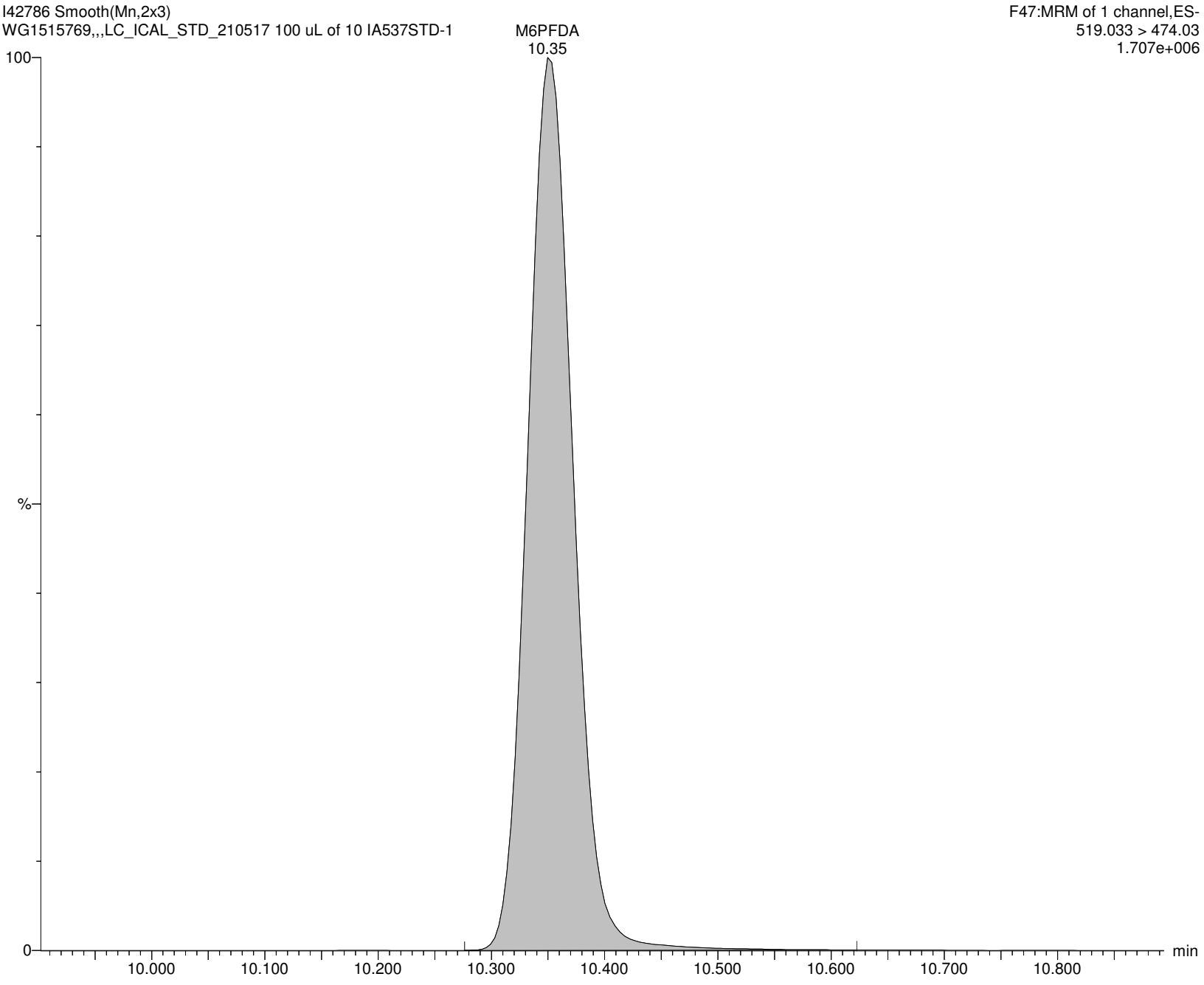


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M6PFDA

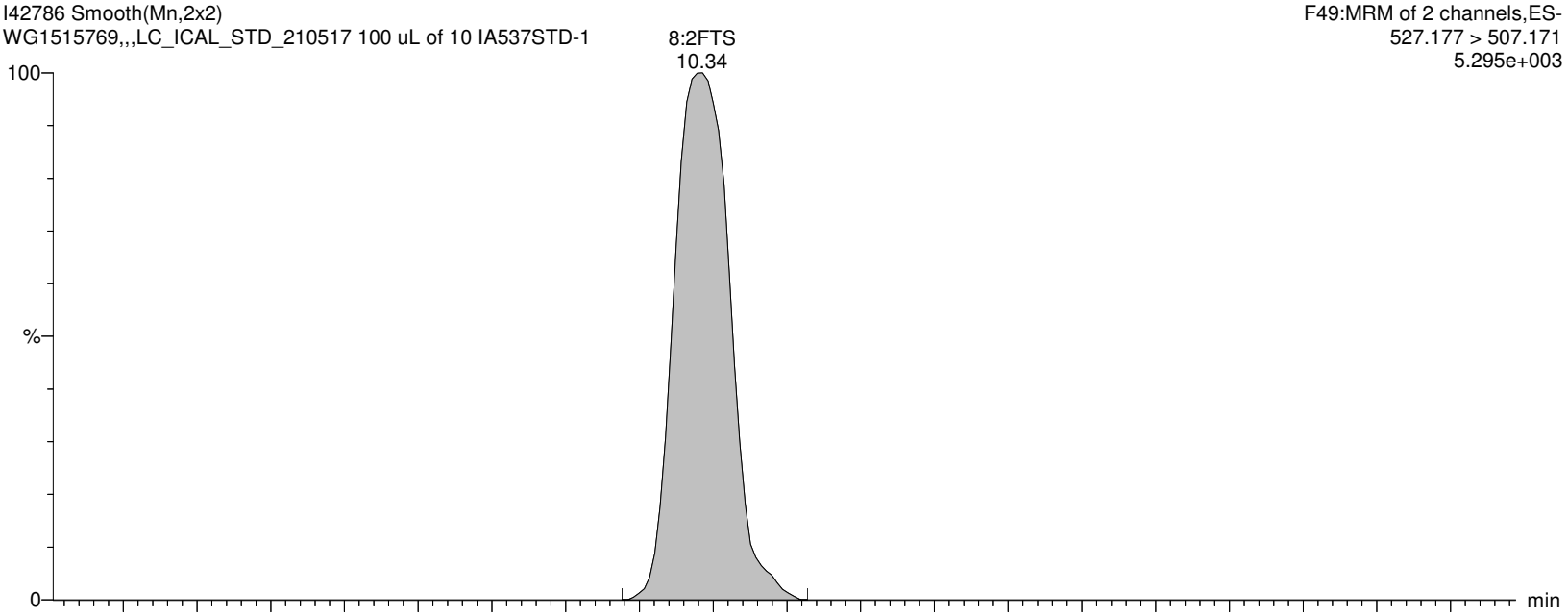


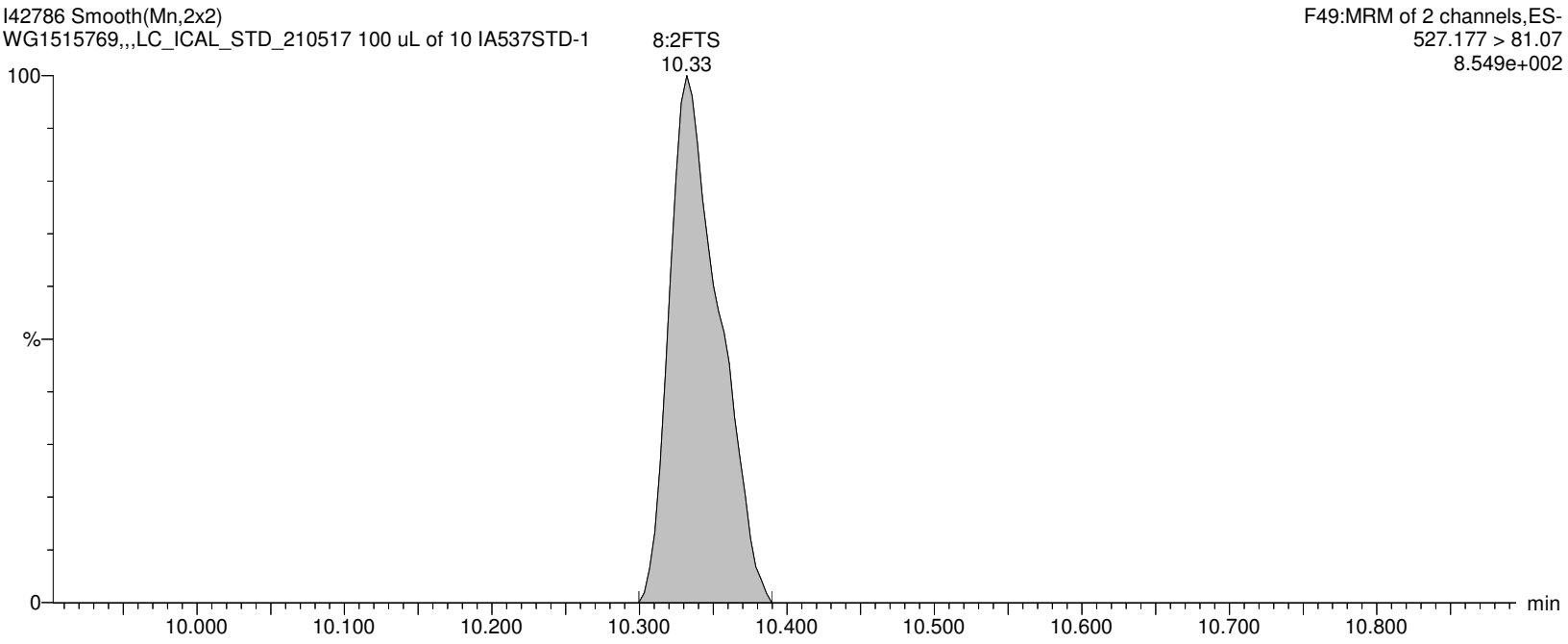
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

8:2FTS



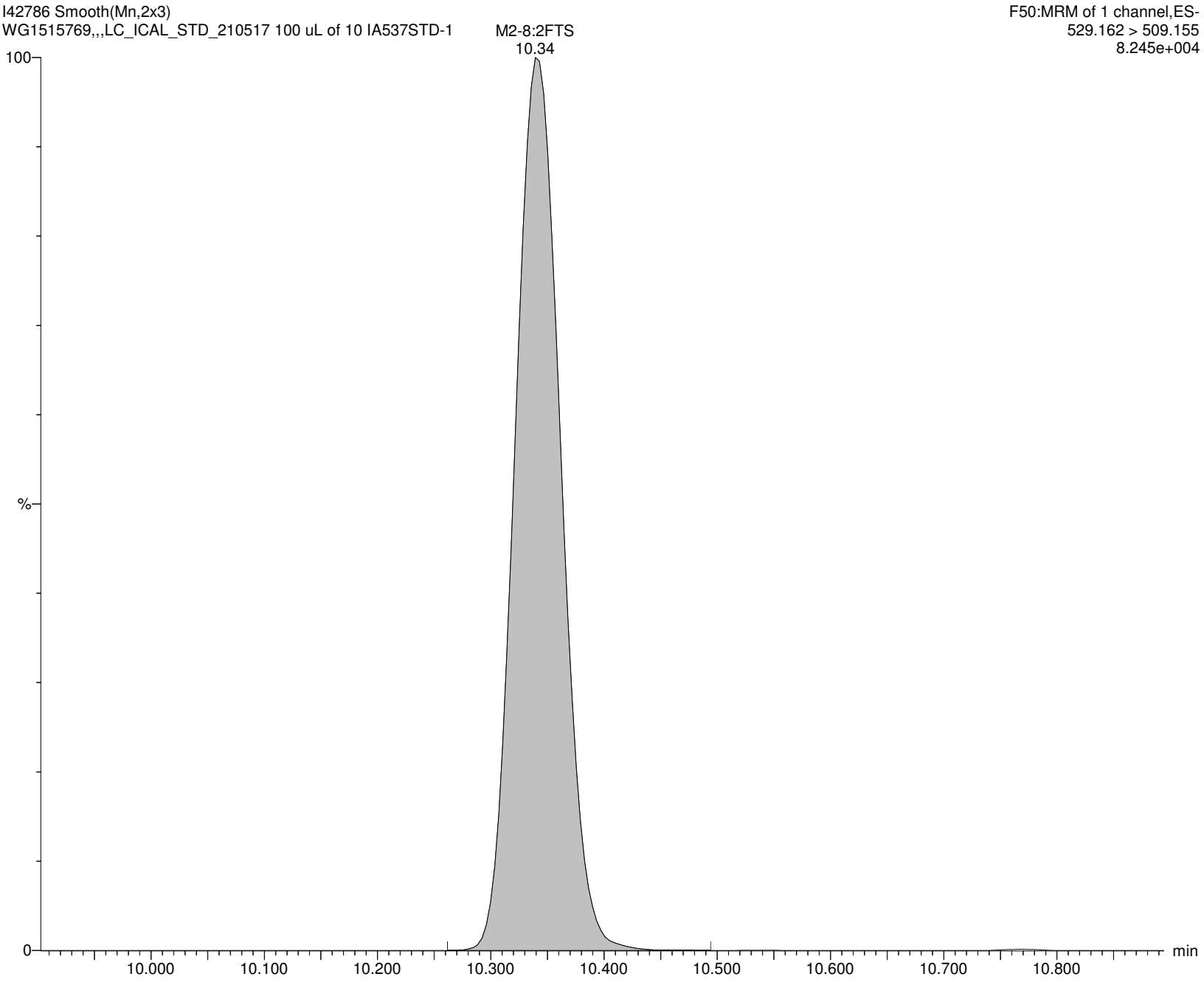


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-8:2FTS

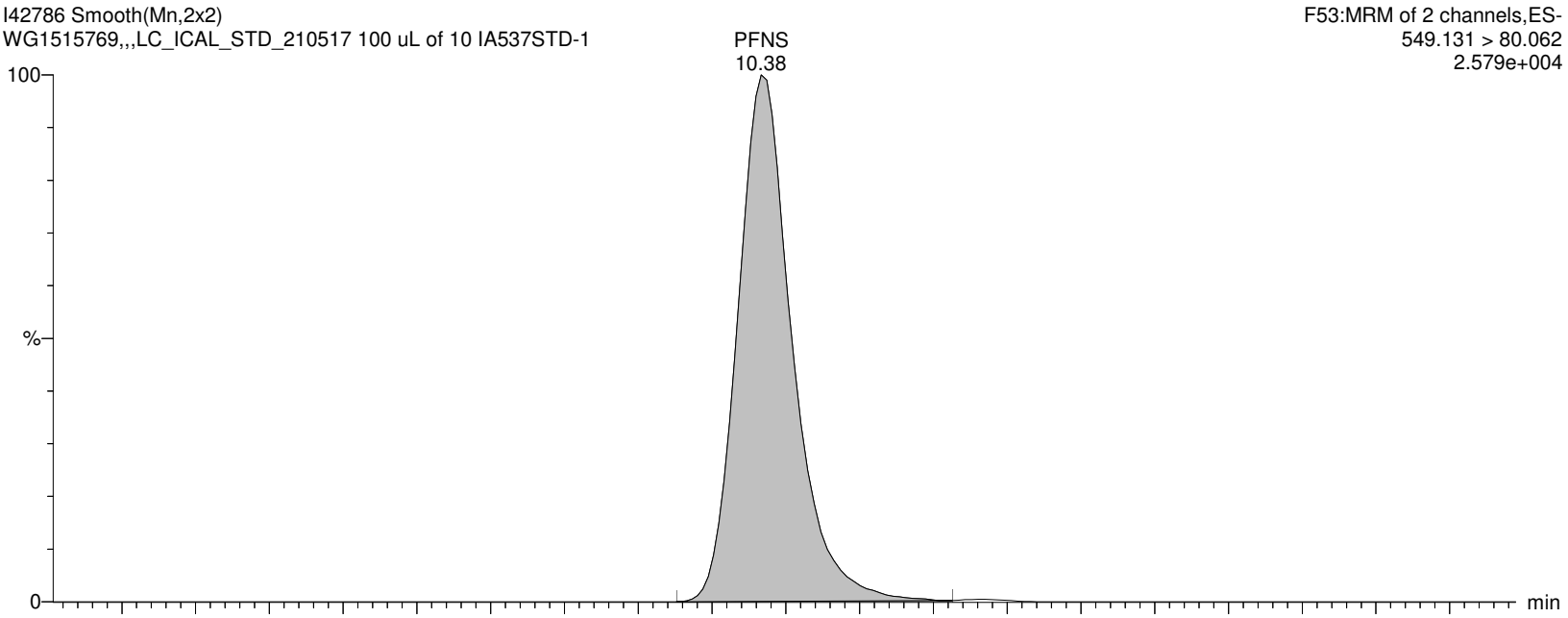


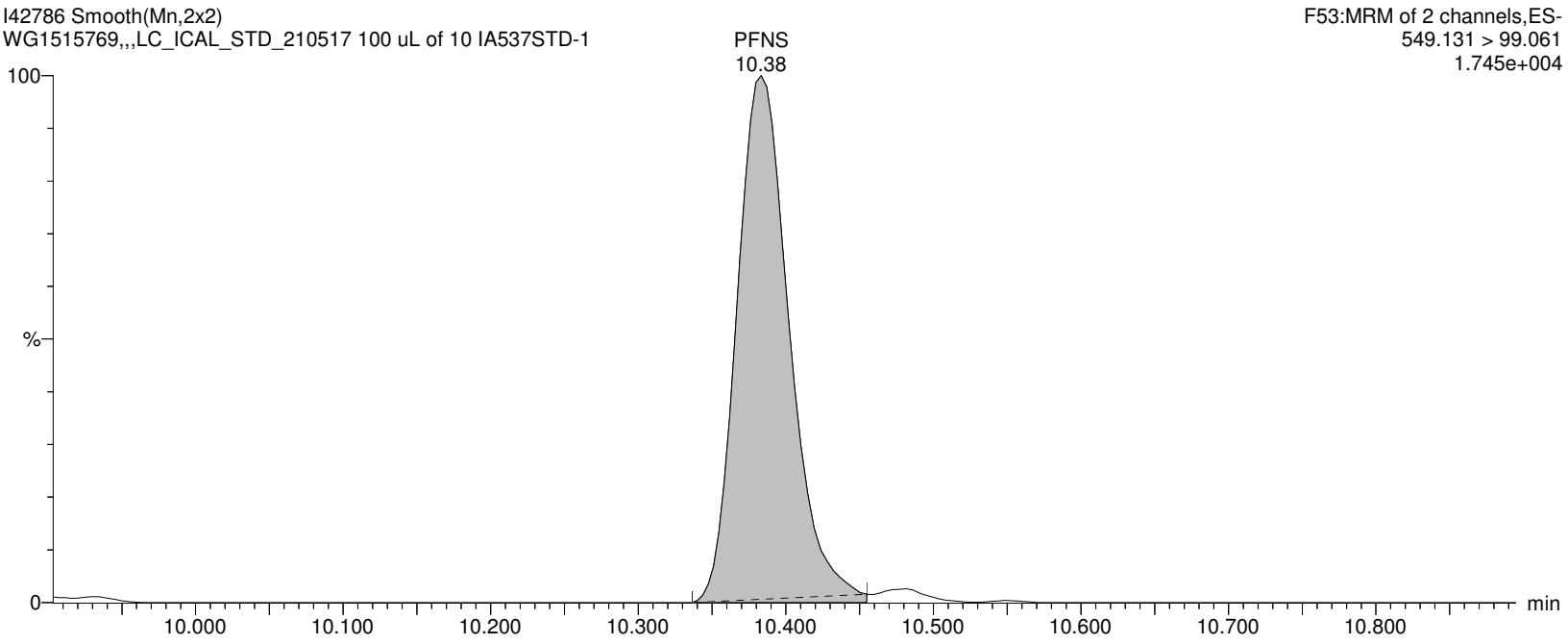
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNS



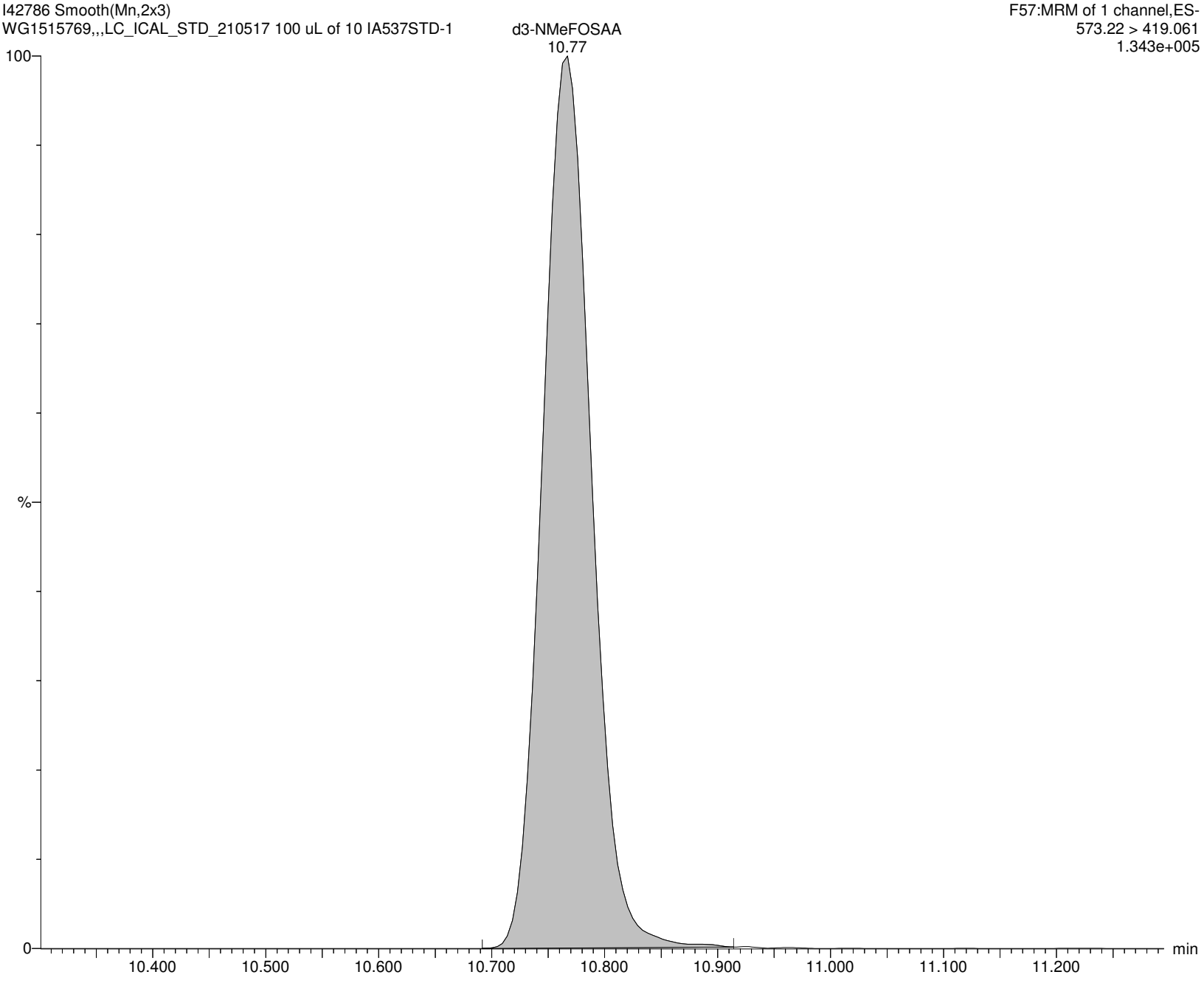


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSAA

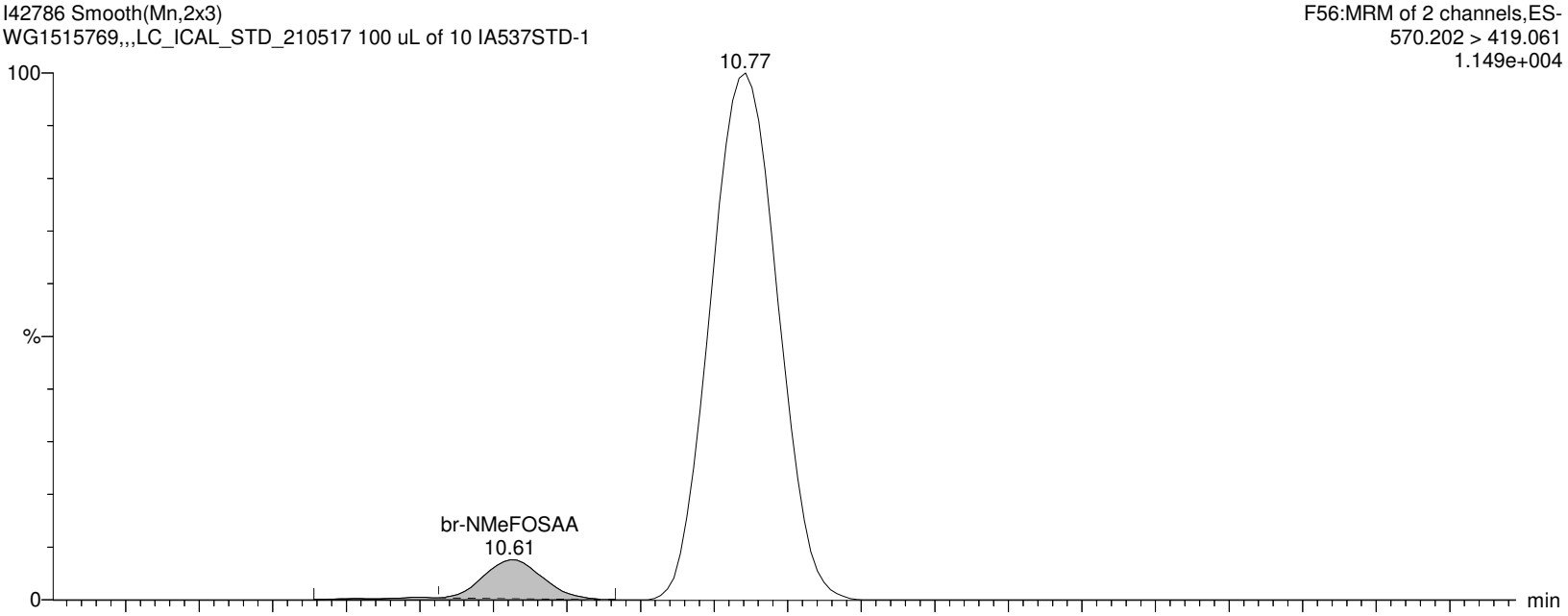


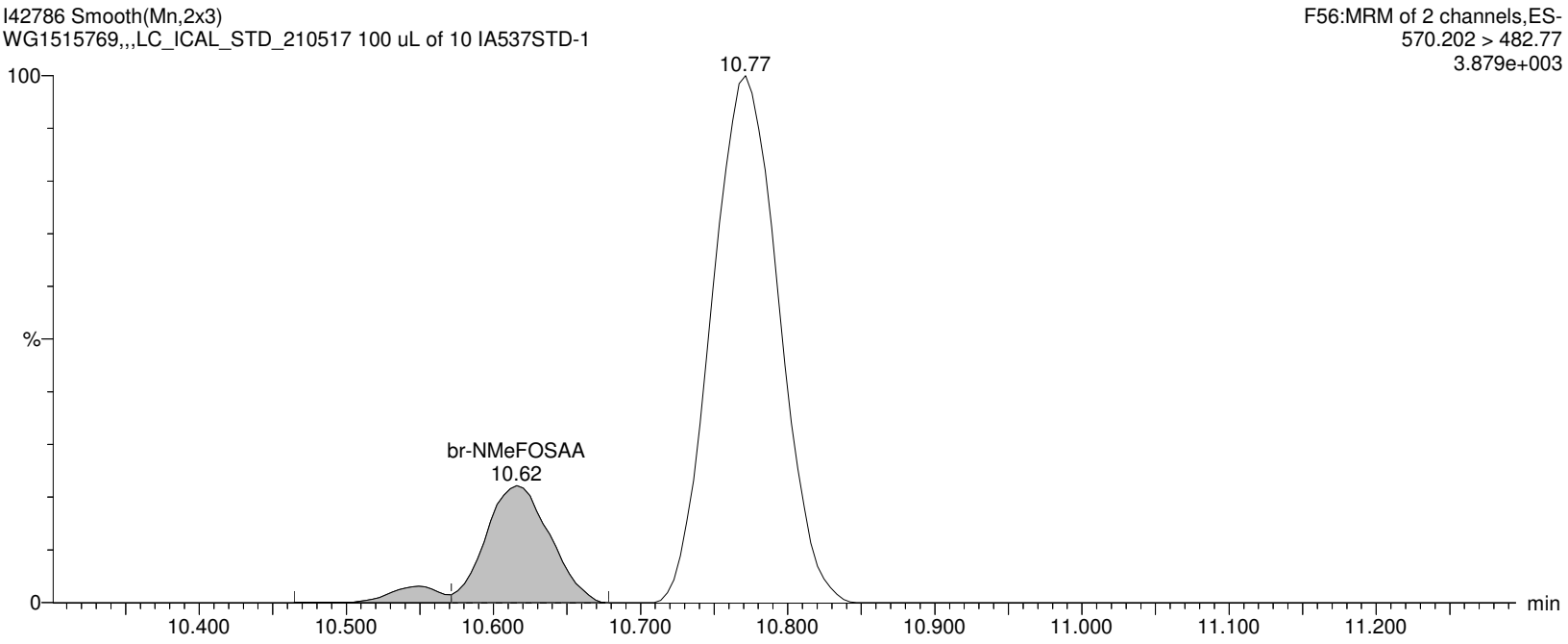
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NMeFOSAA



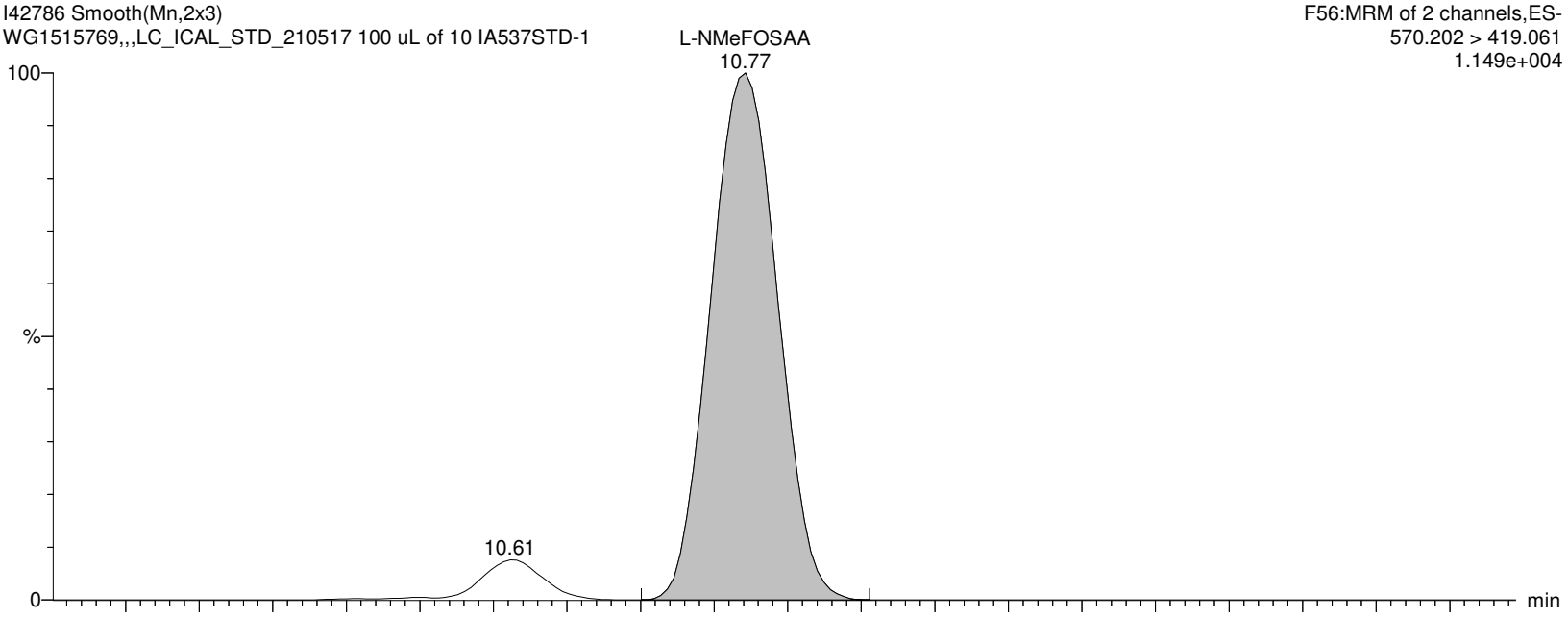


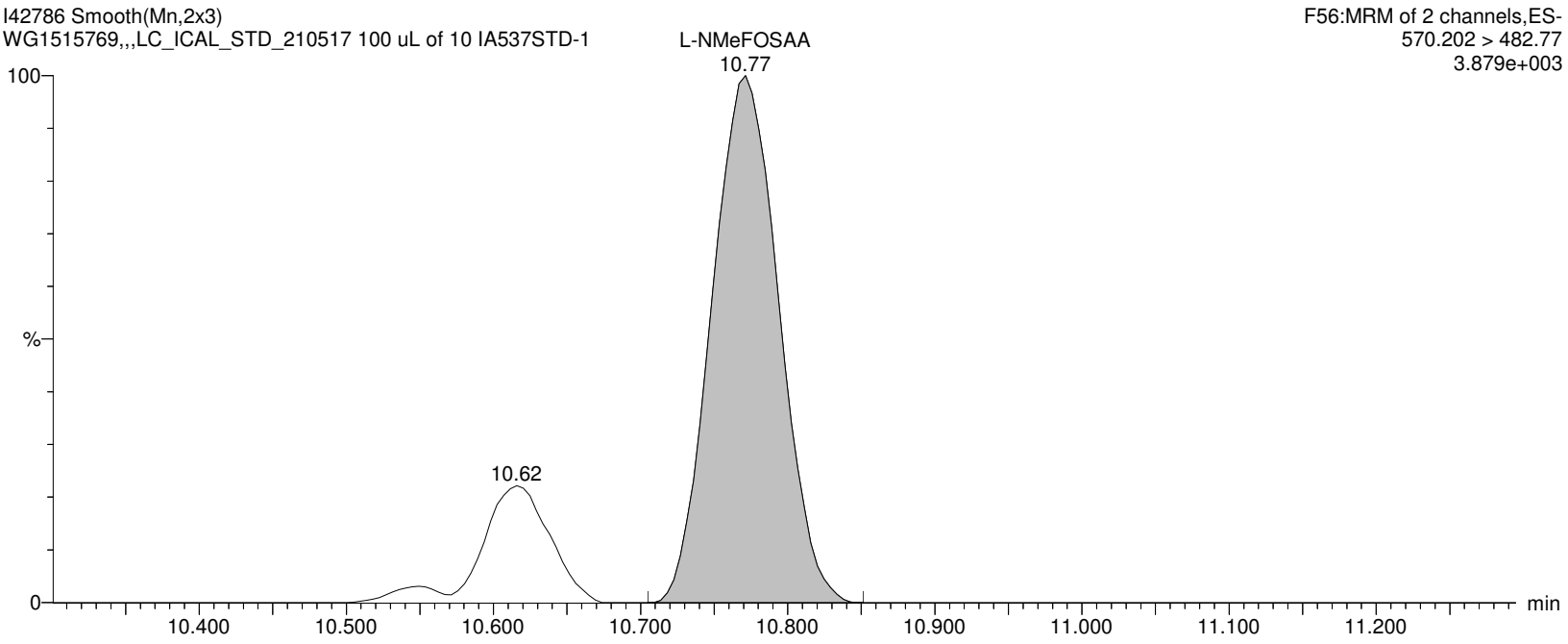
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NMeFOSAA



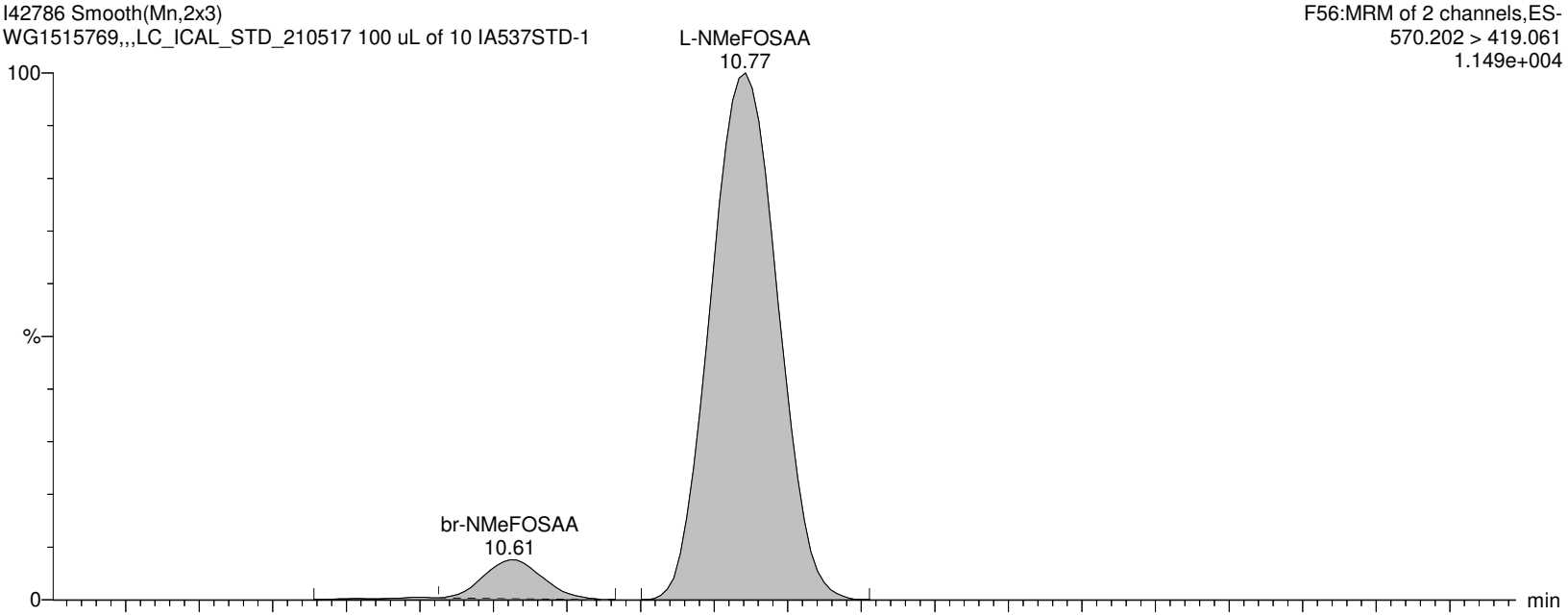


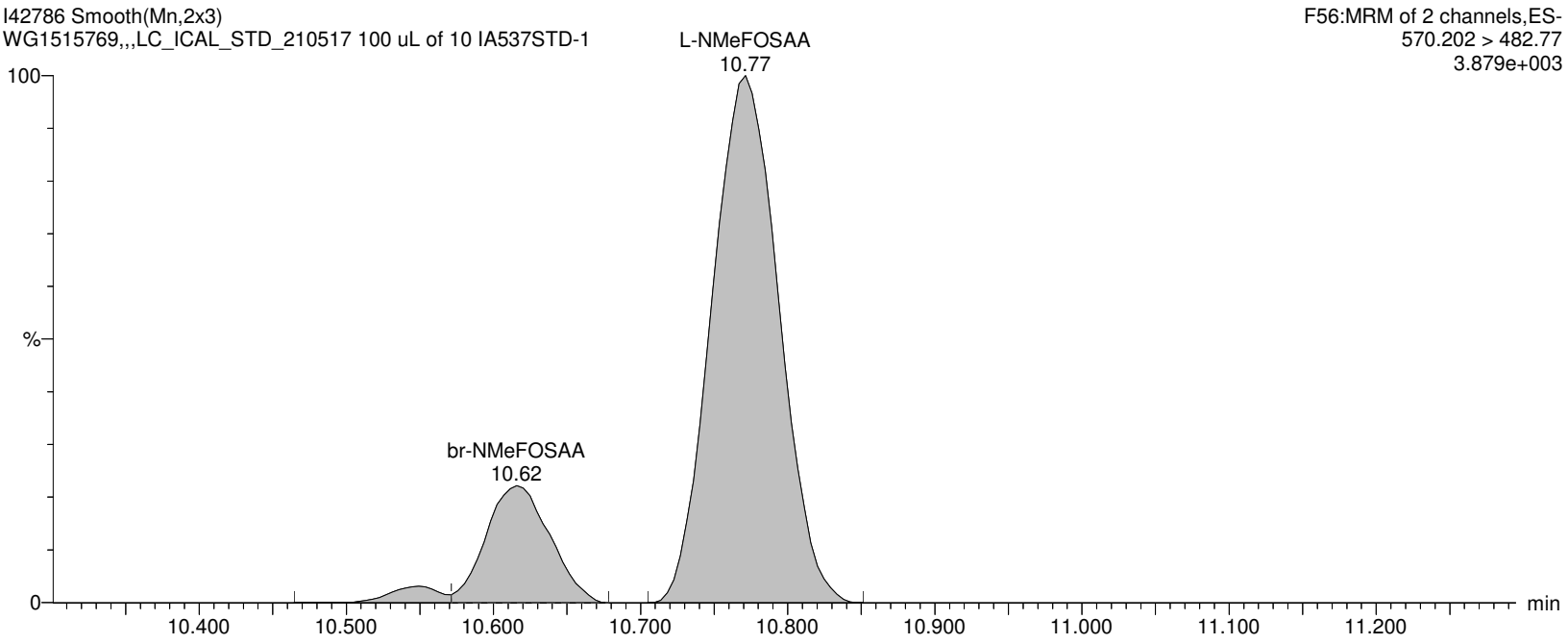
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSAA



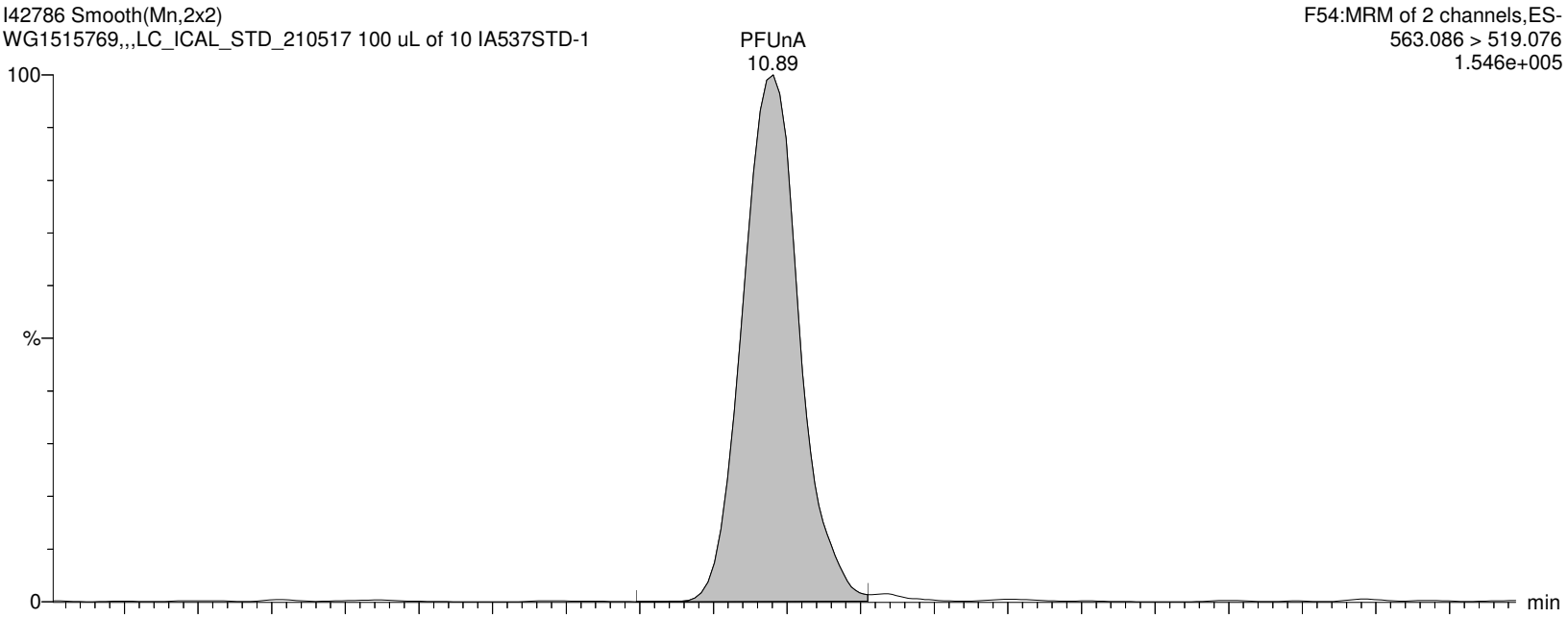


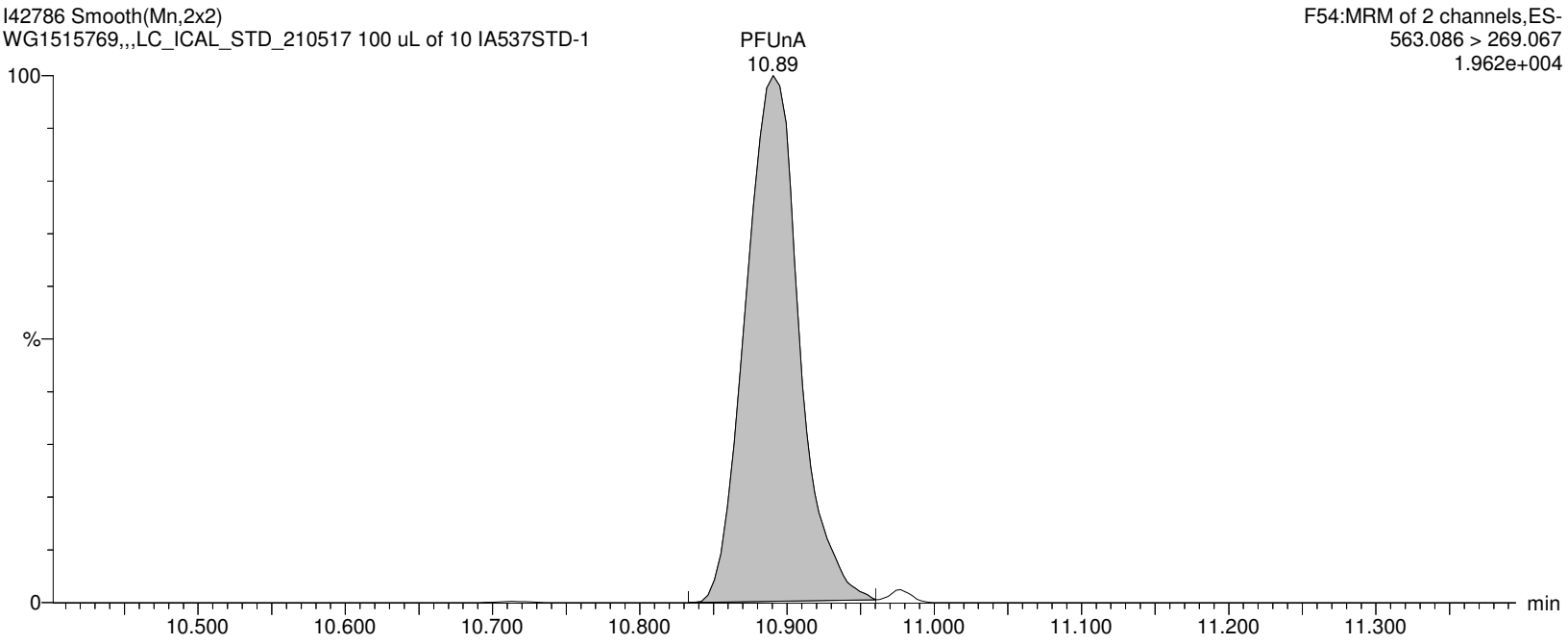
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFUnA



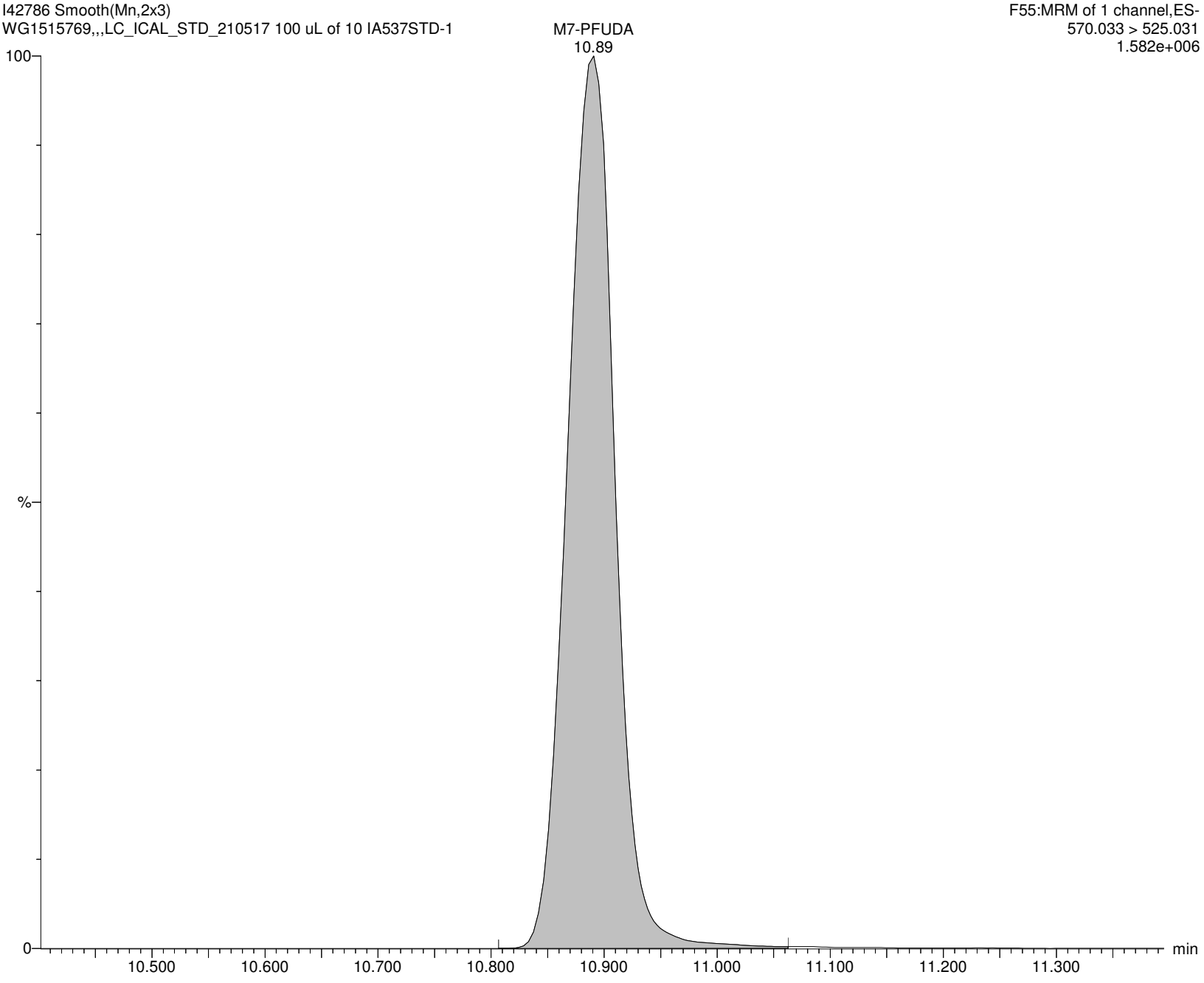


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M7-PFUDA

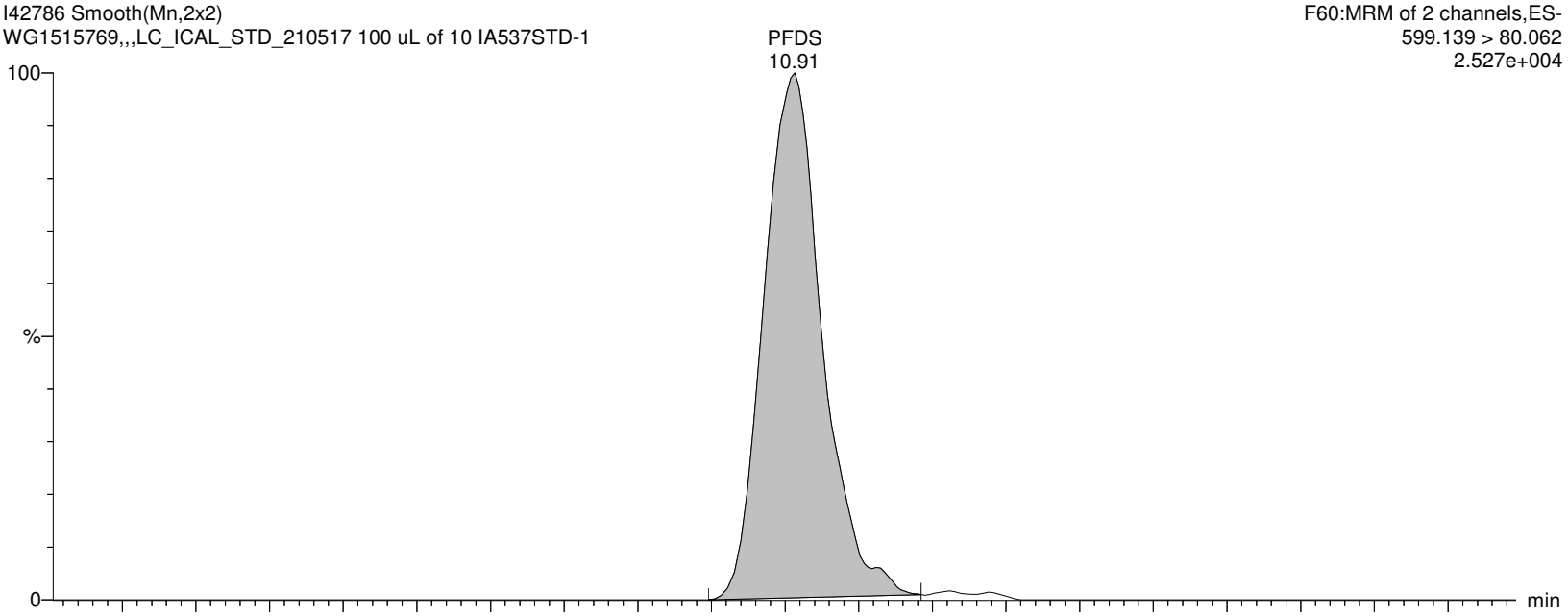


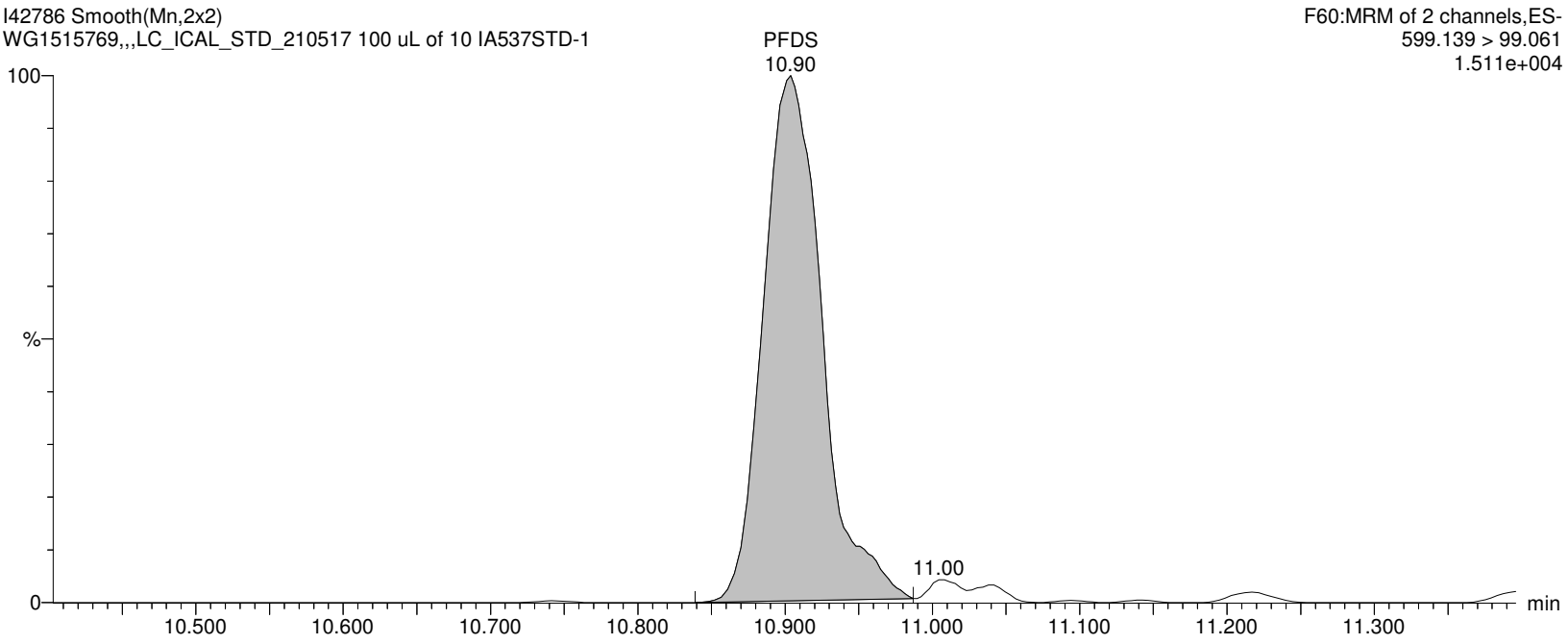
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDS



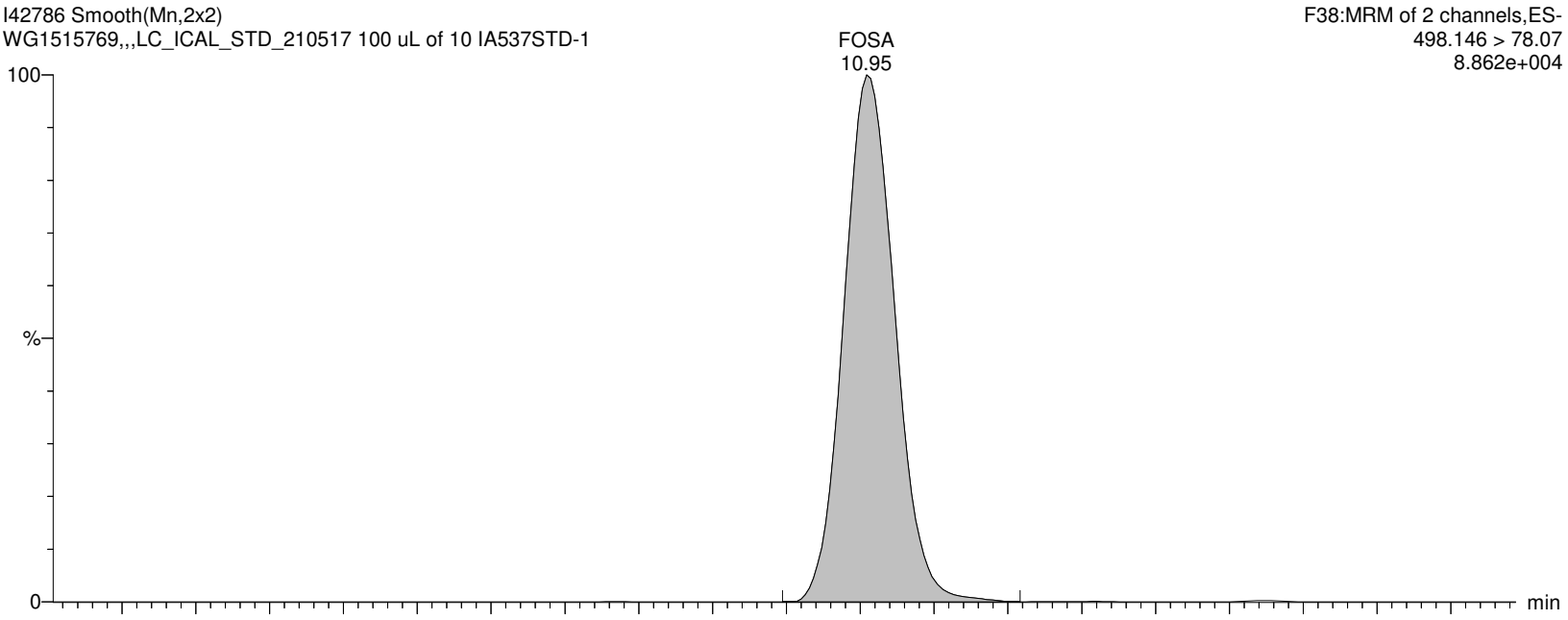


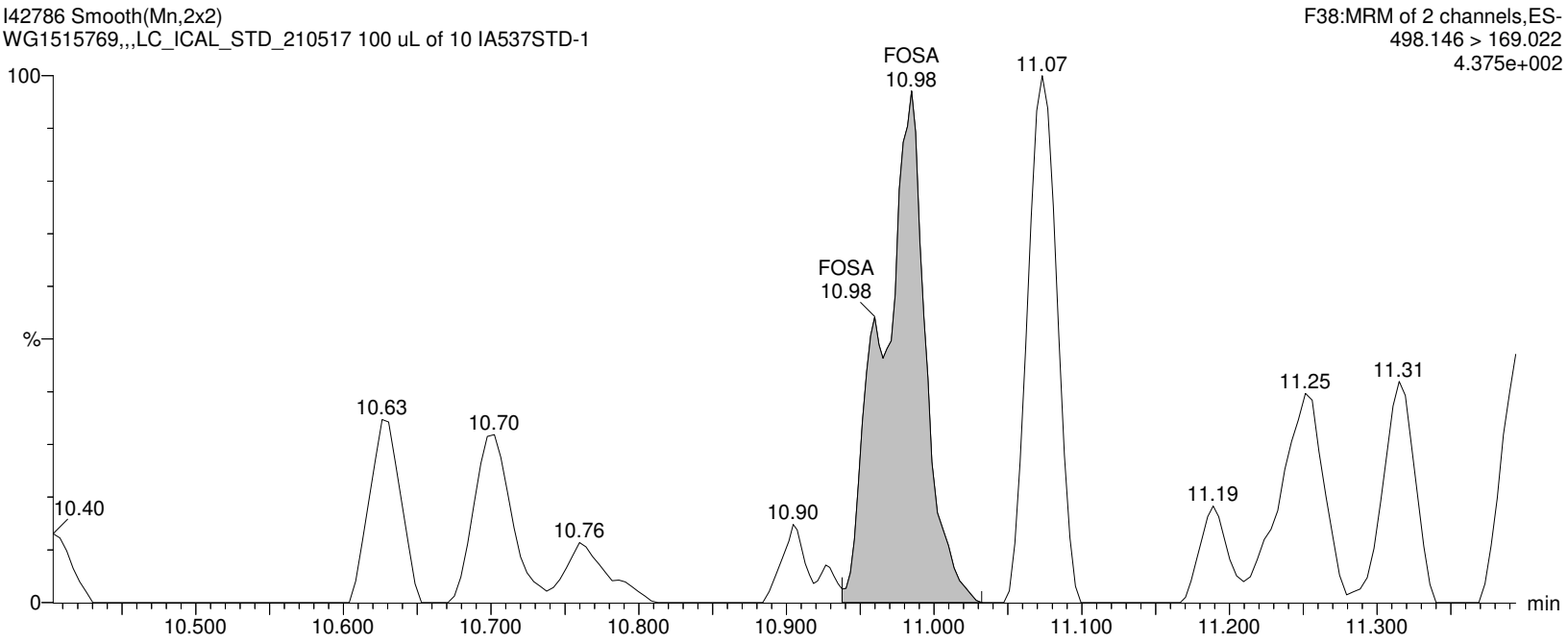
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

FOSA



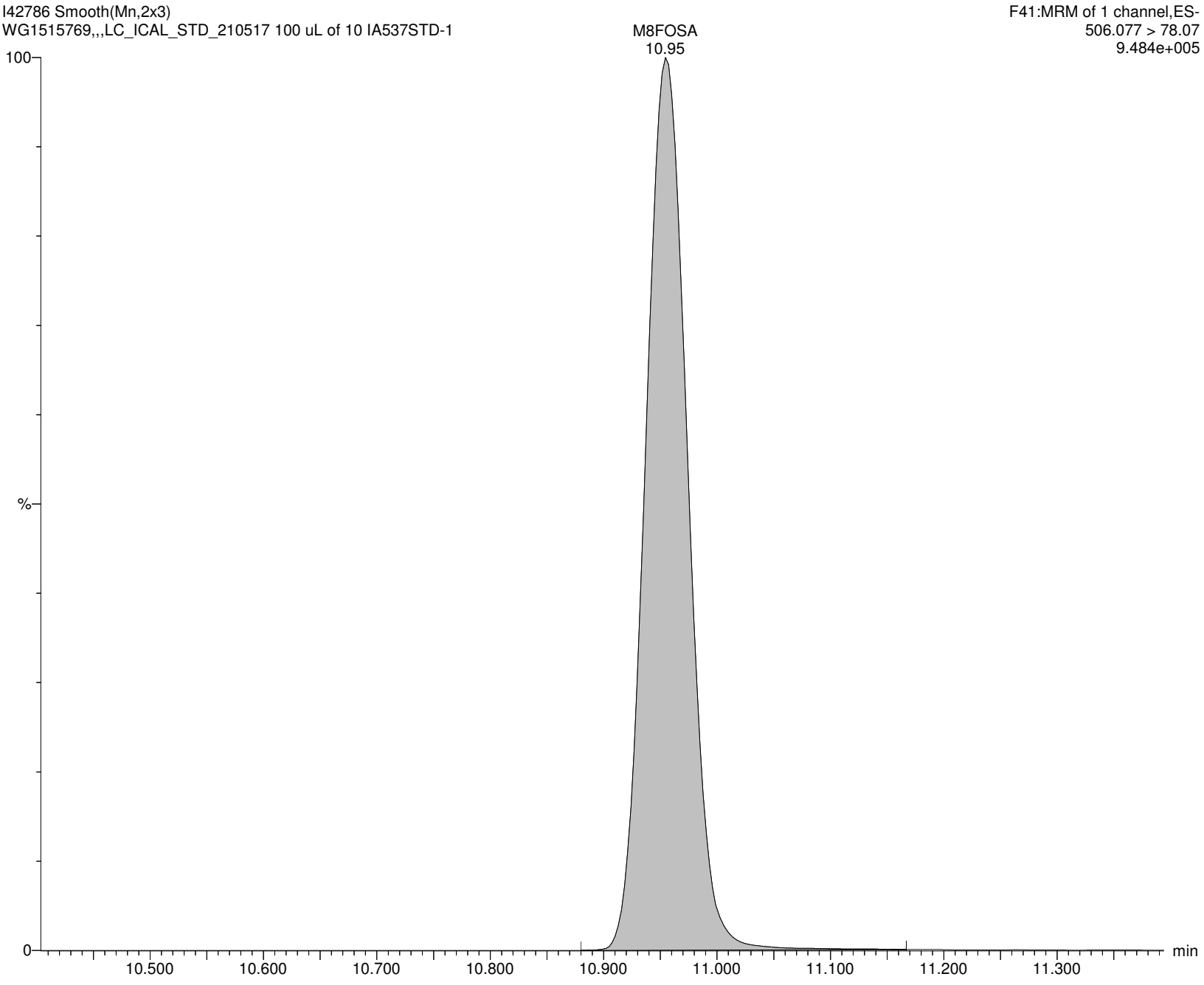


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8FOSA

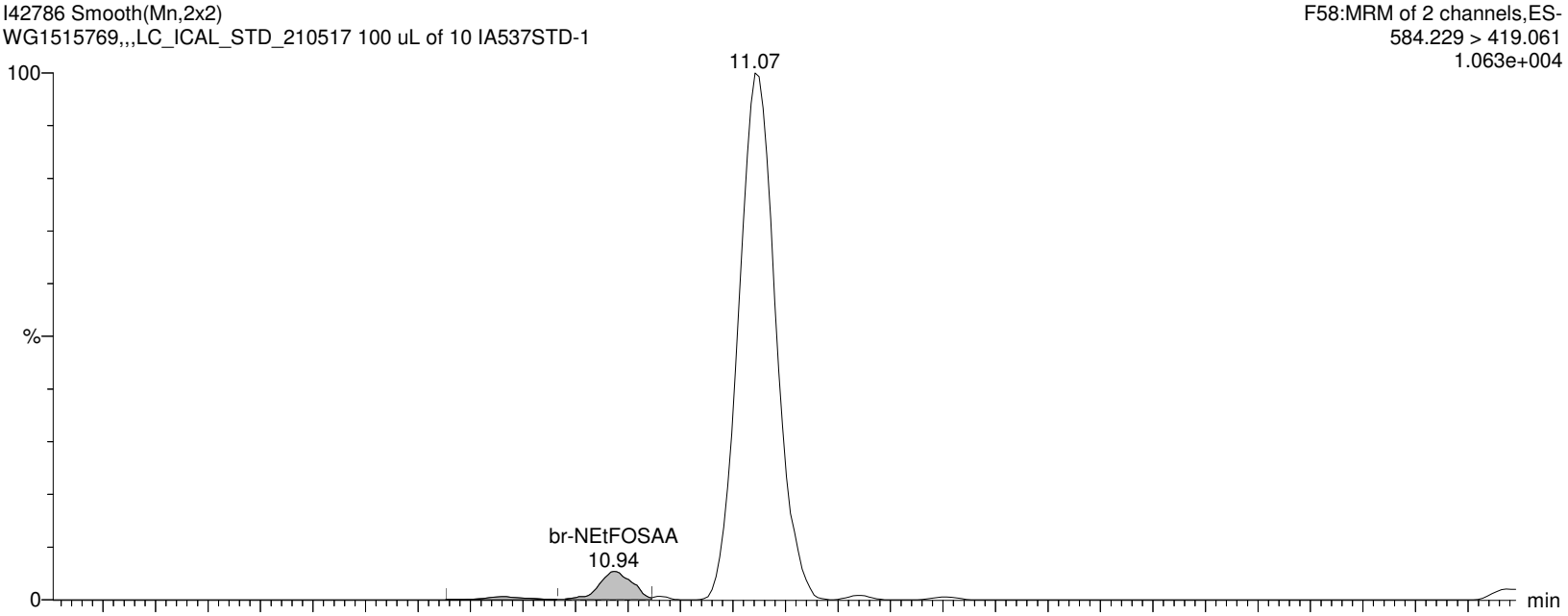


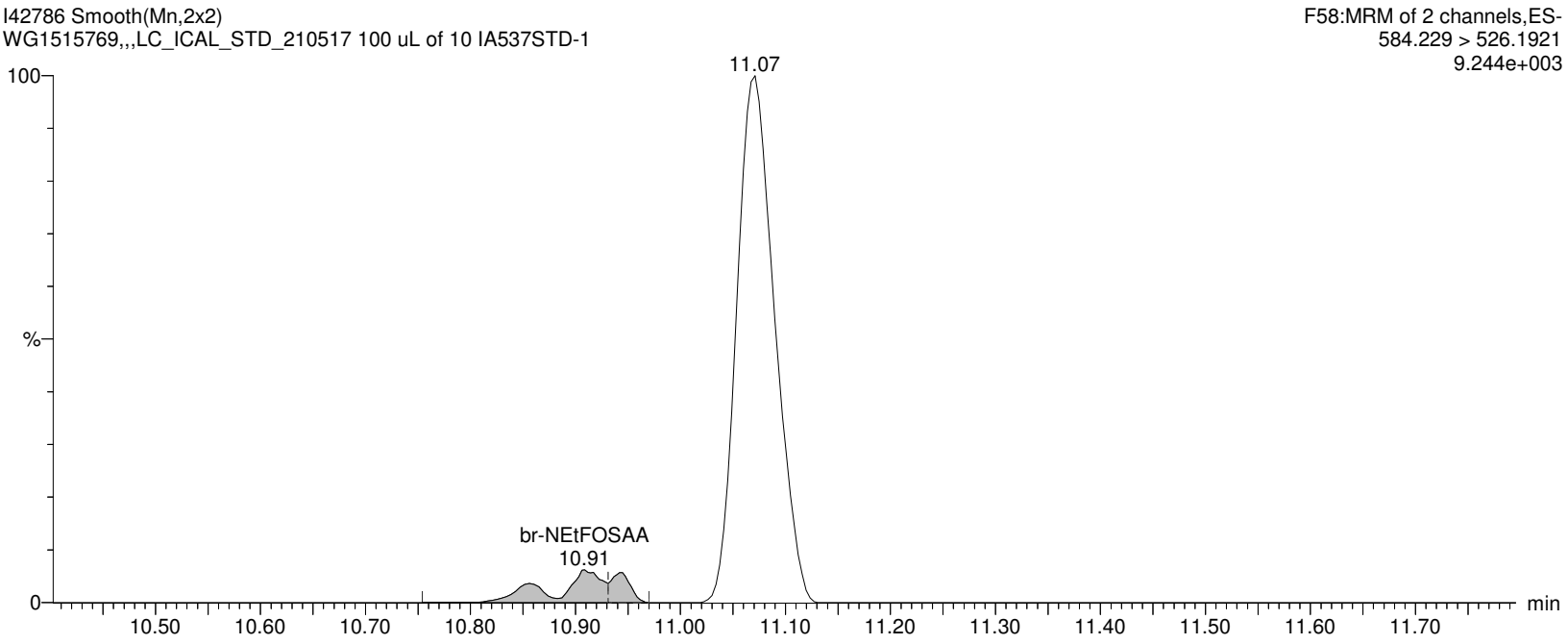
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NEtFOSAA



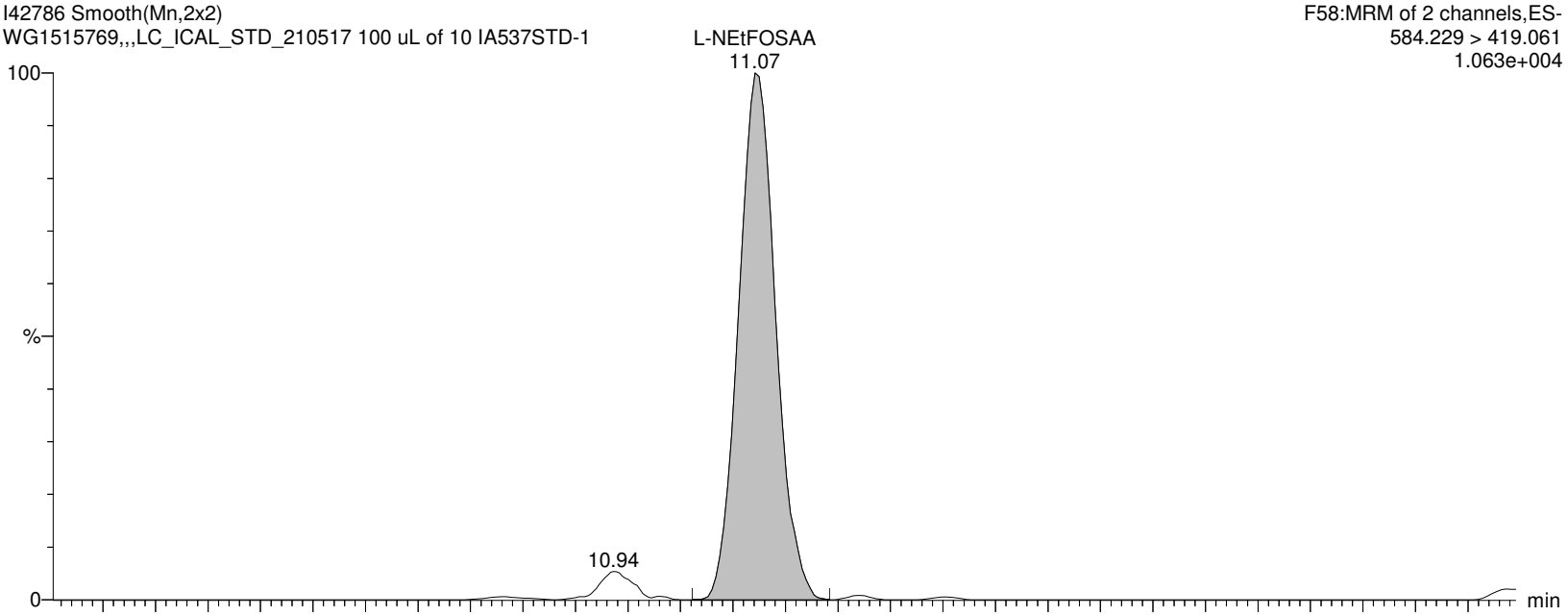


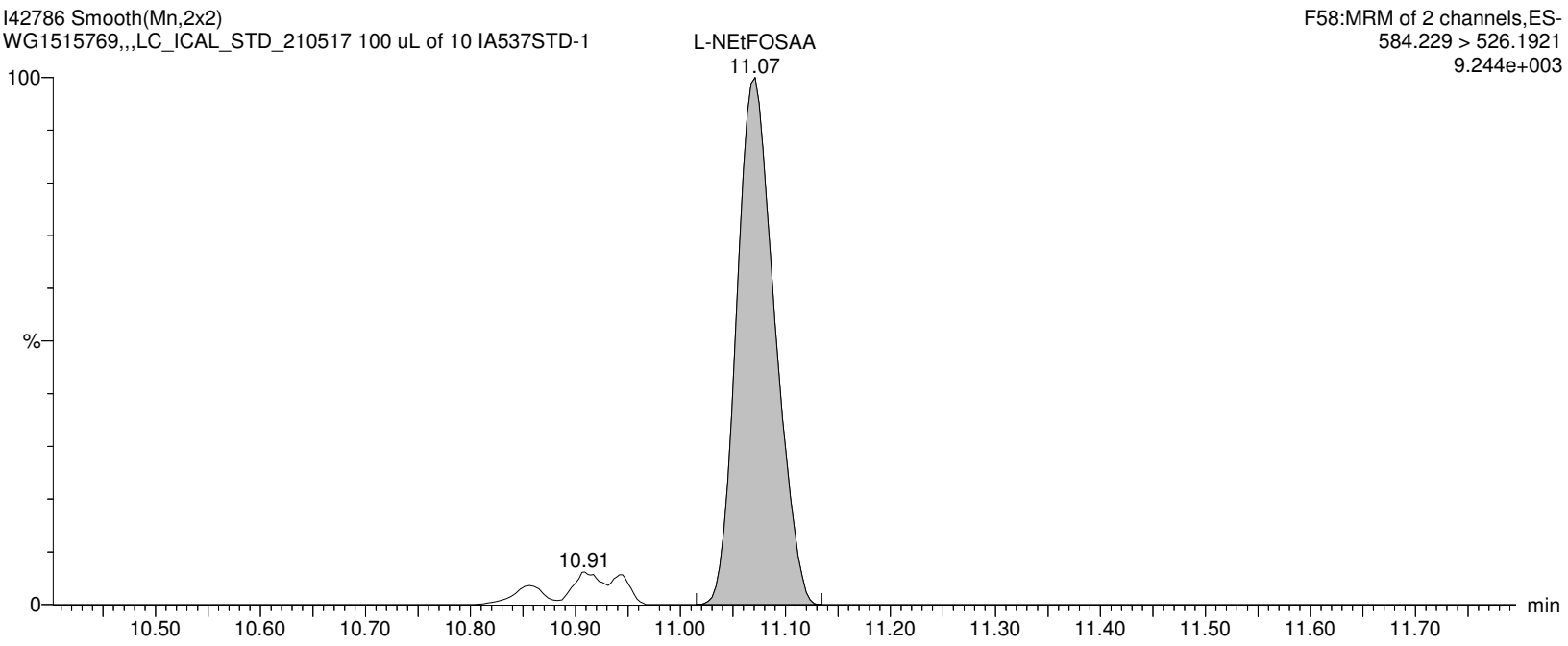
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NEtFOSAA



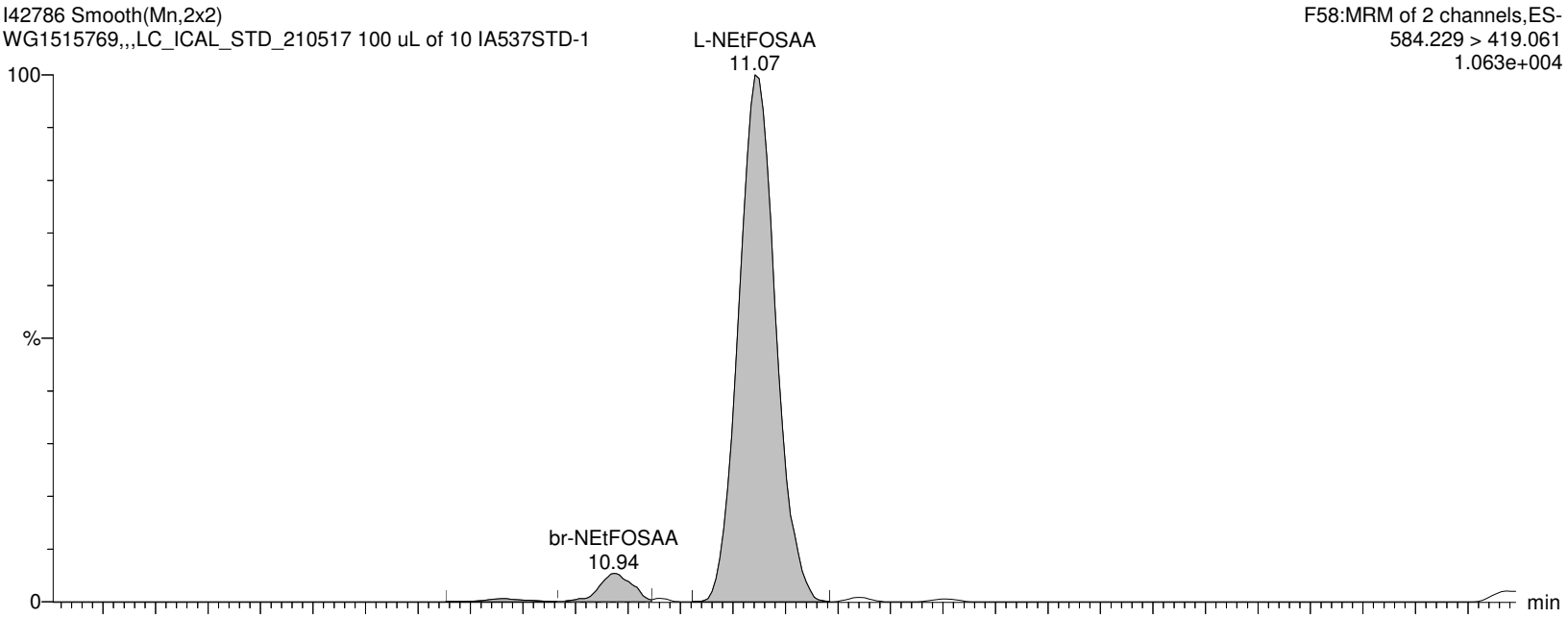


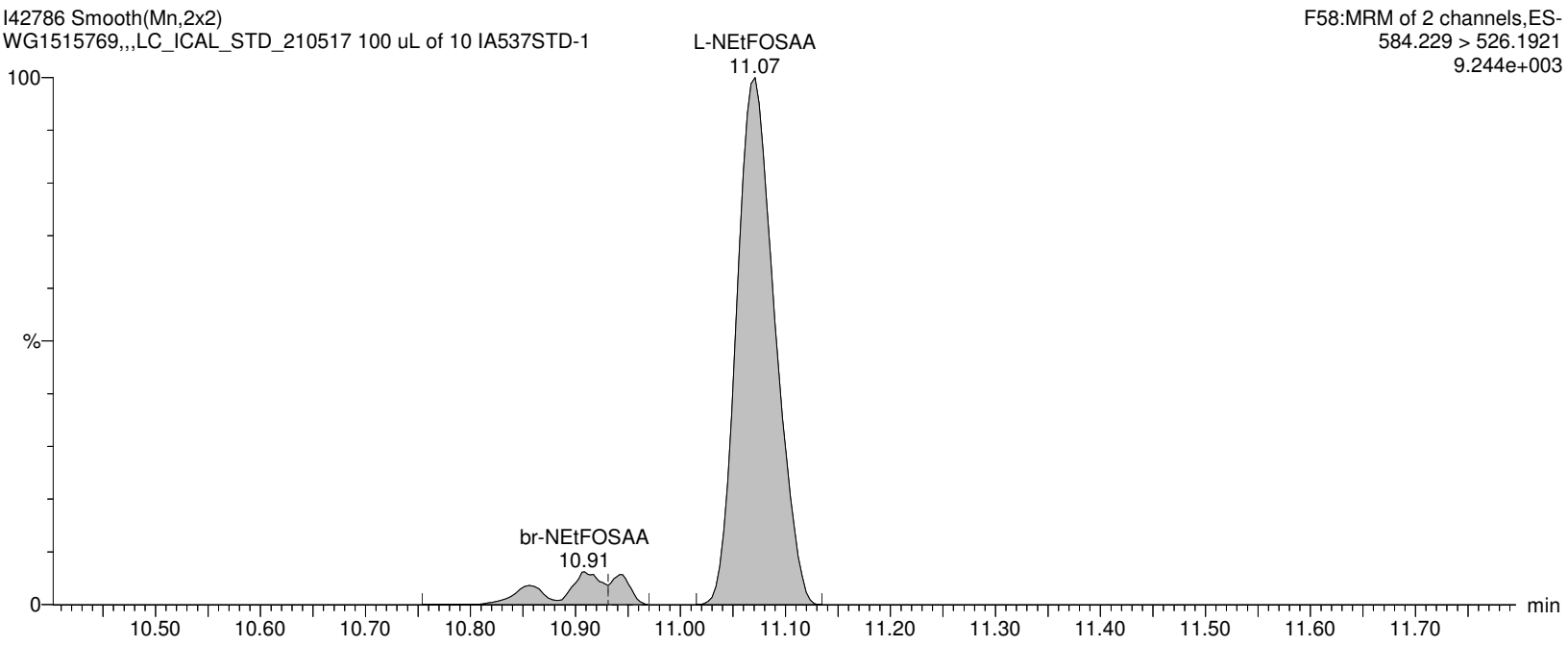
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSAA



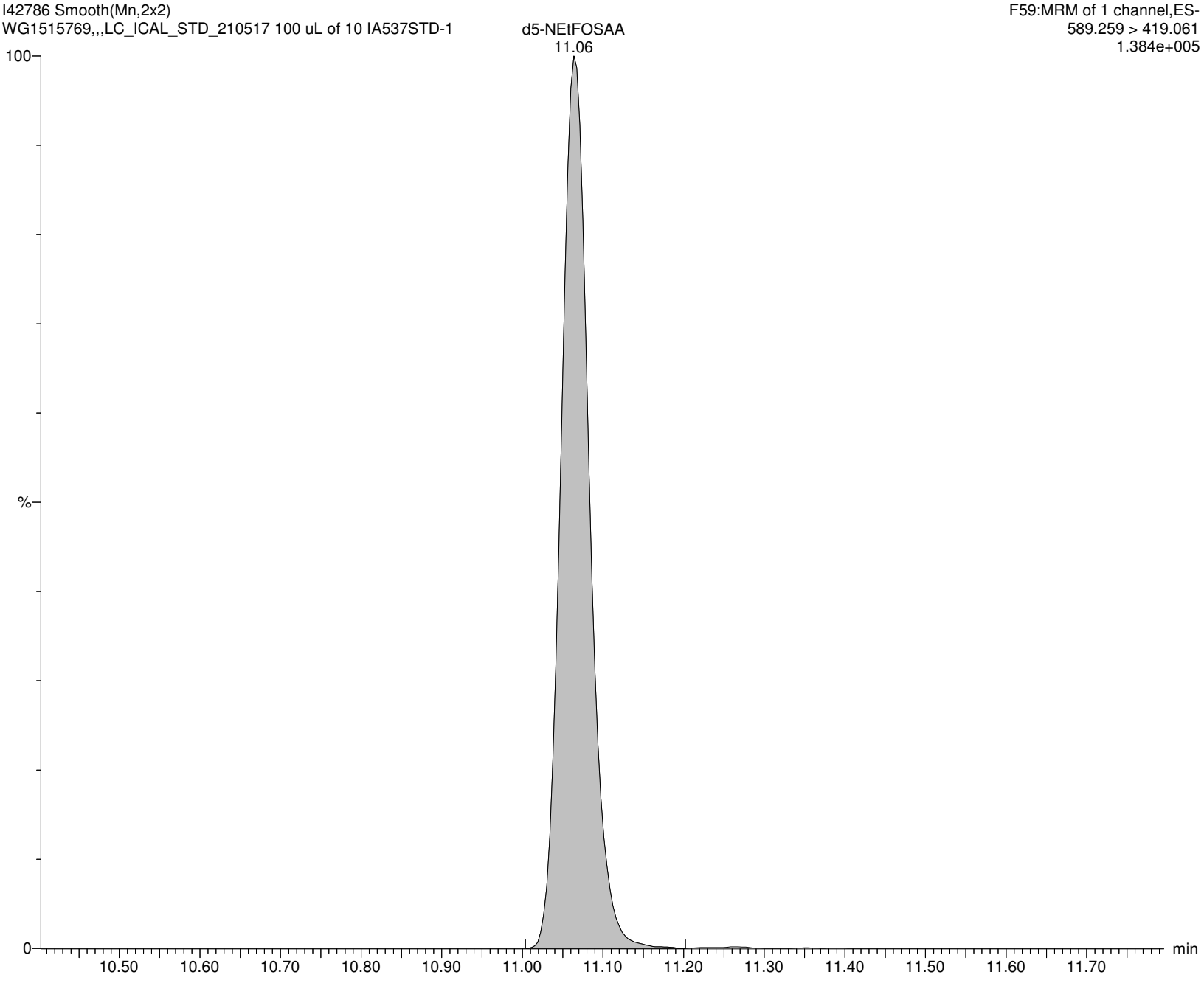


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSAA

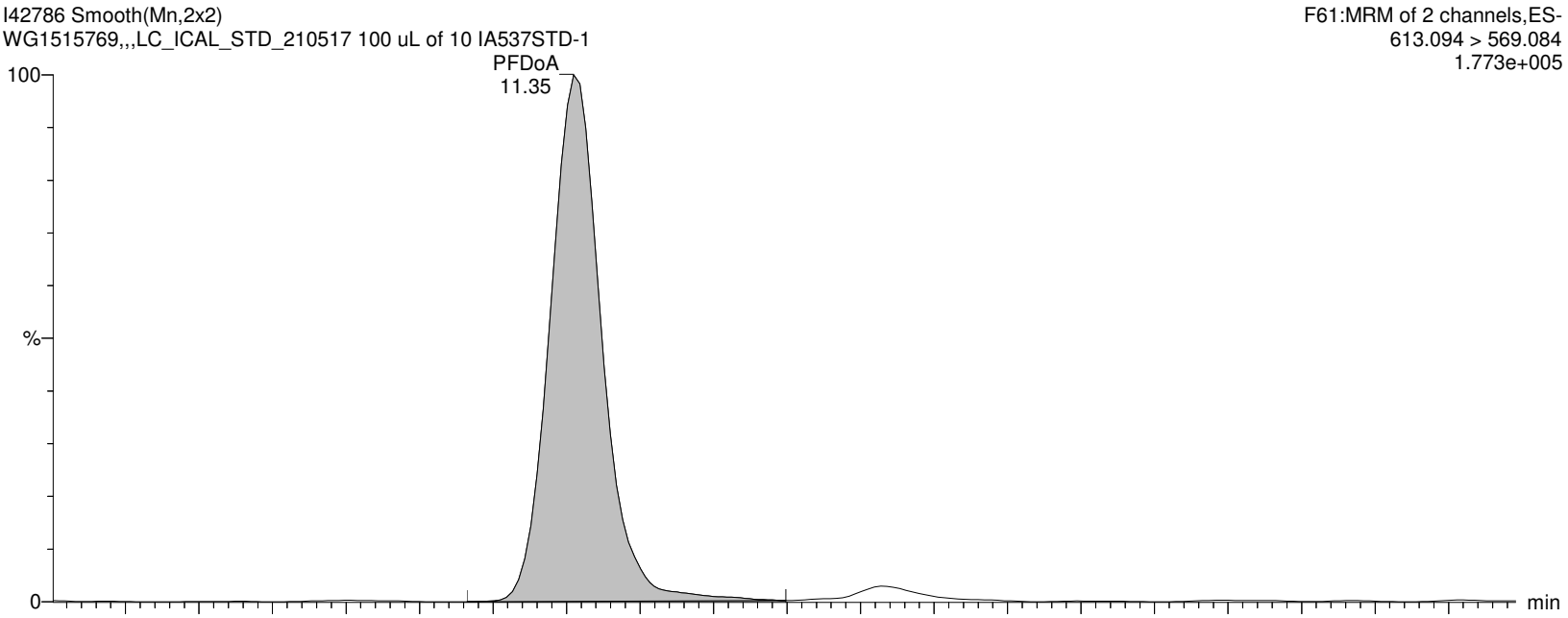


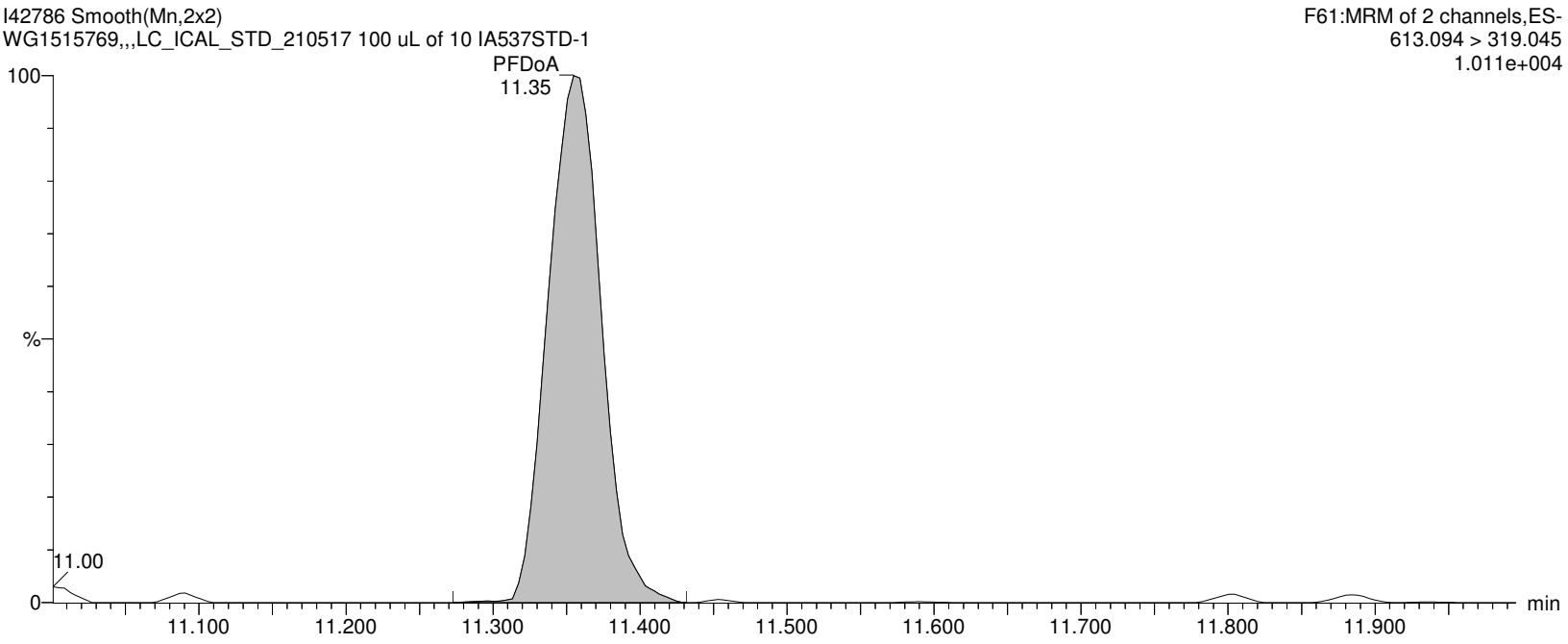
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoA



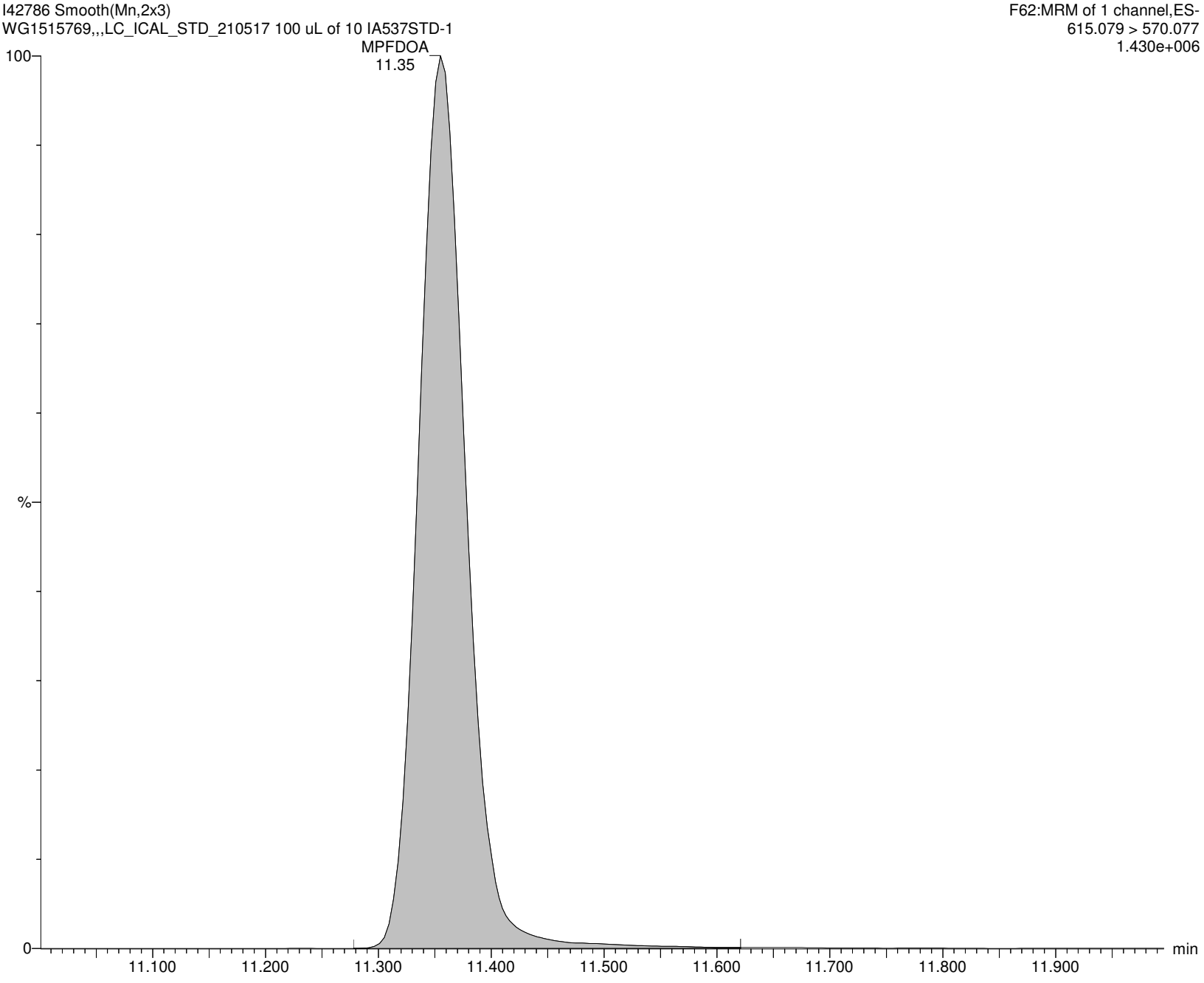


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFDOA

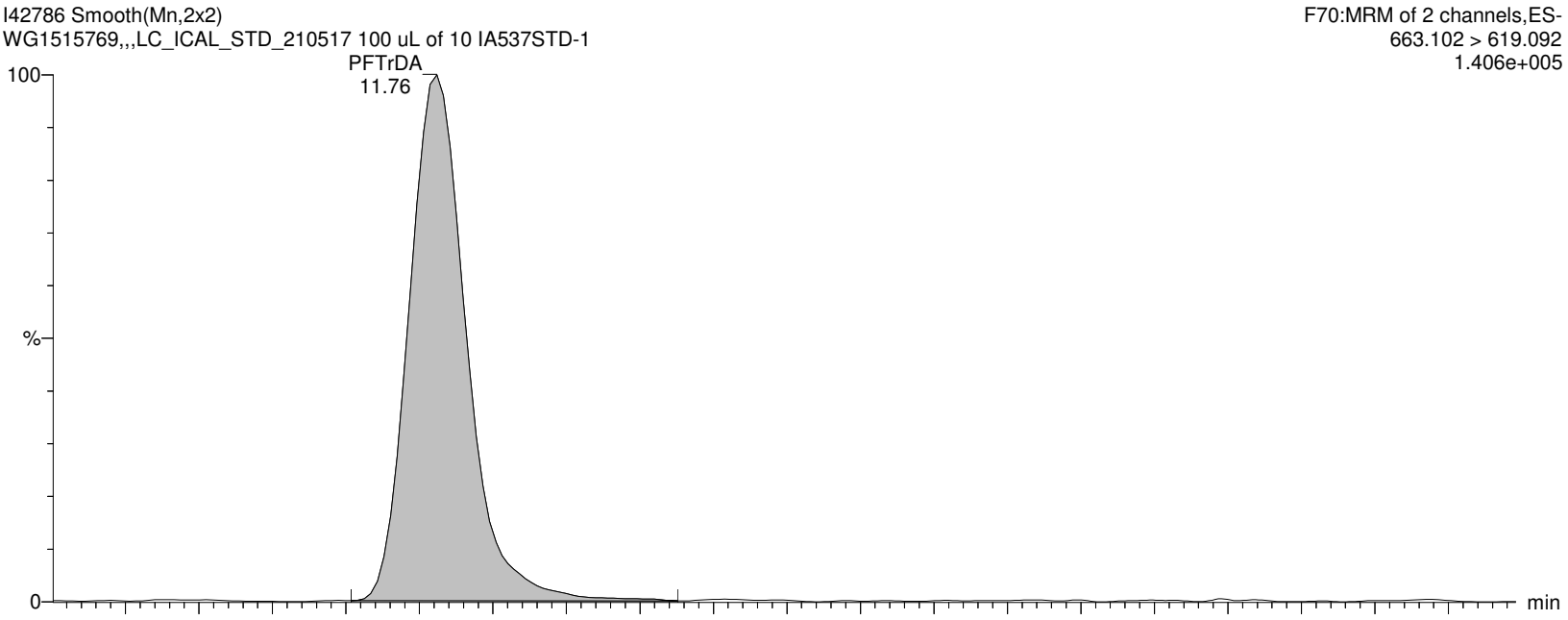


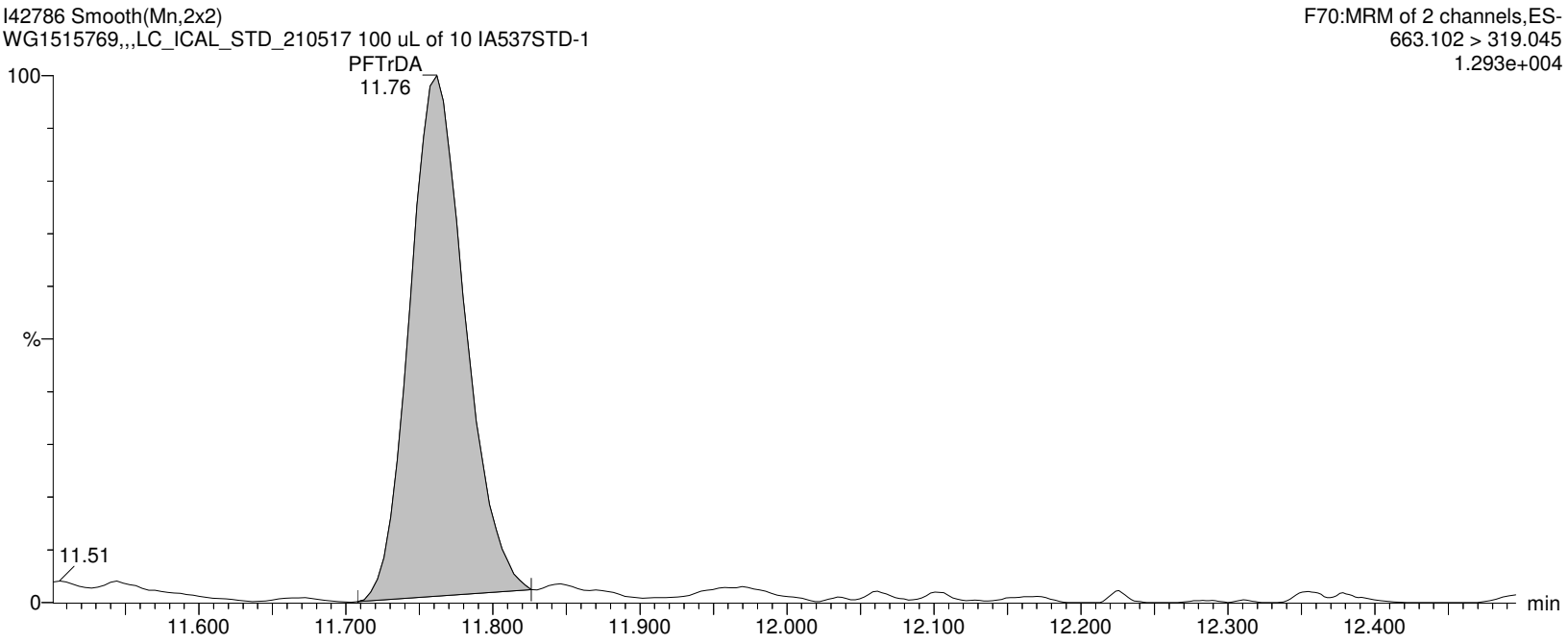
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTrDA



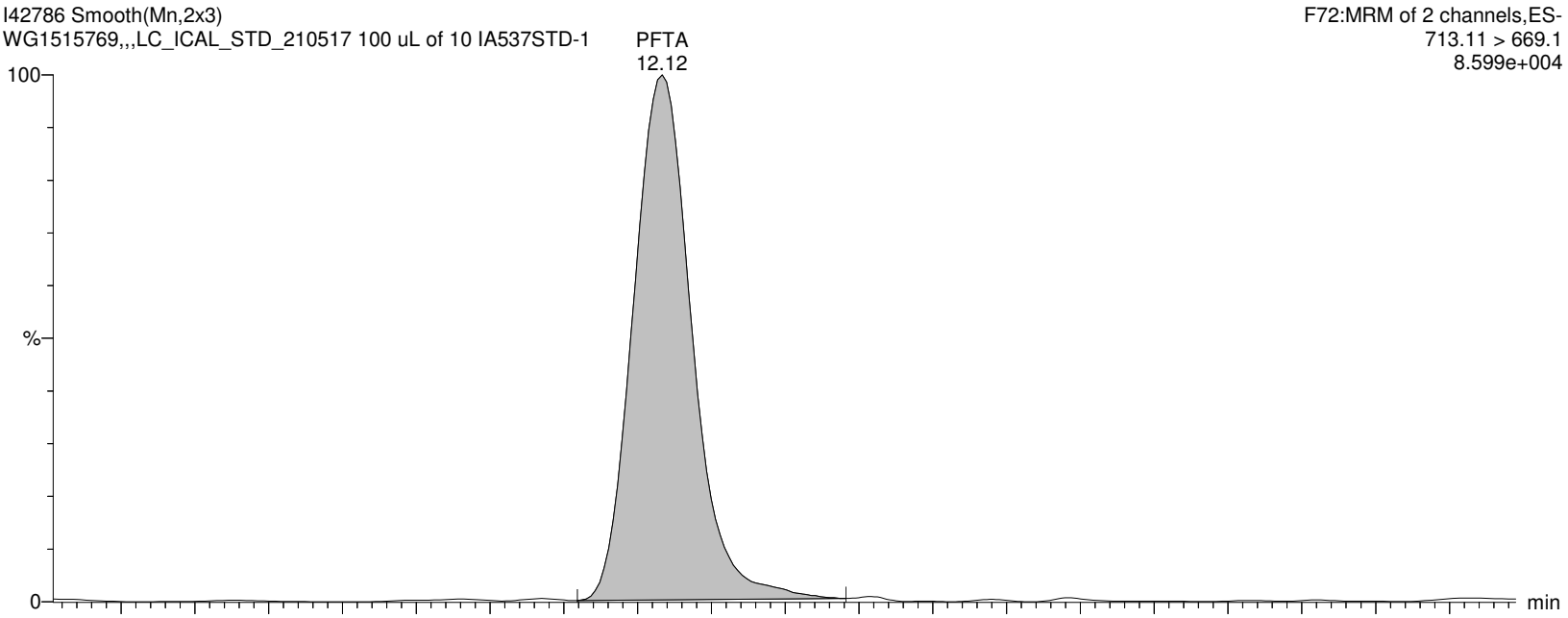


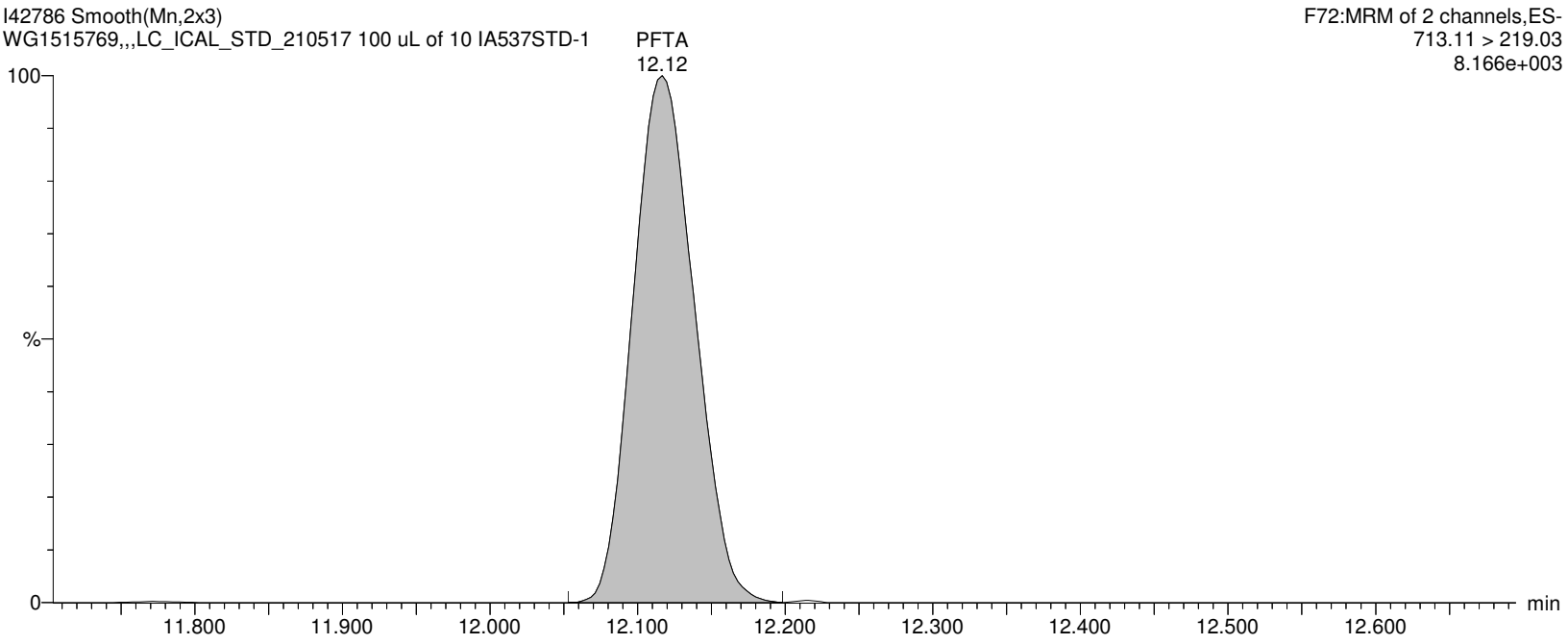
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTA



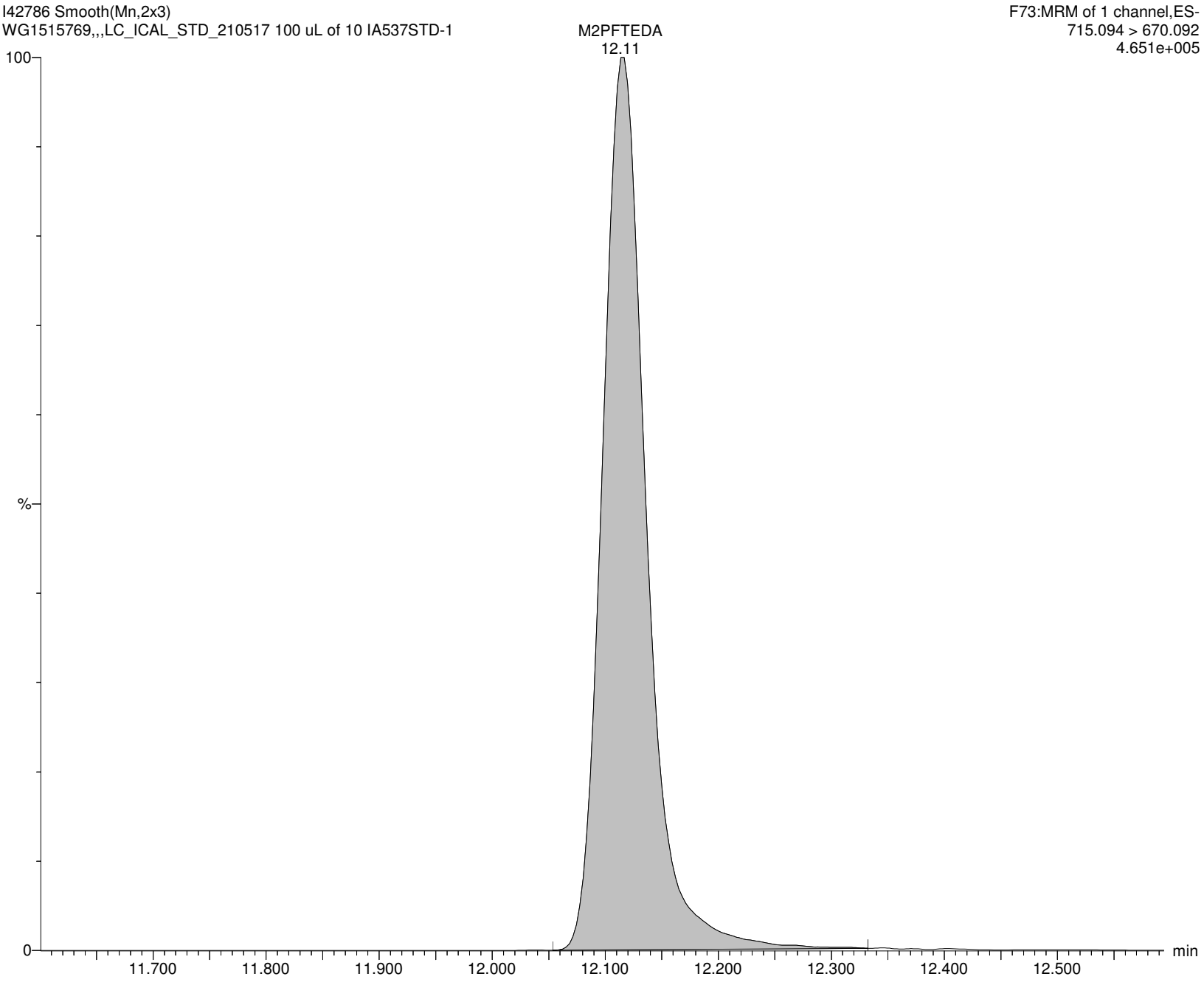


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFTEDA

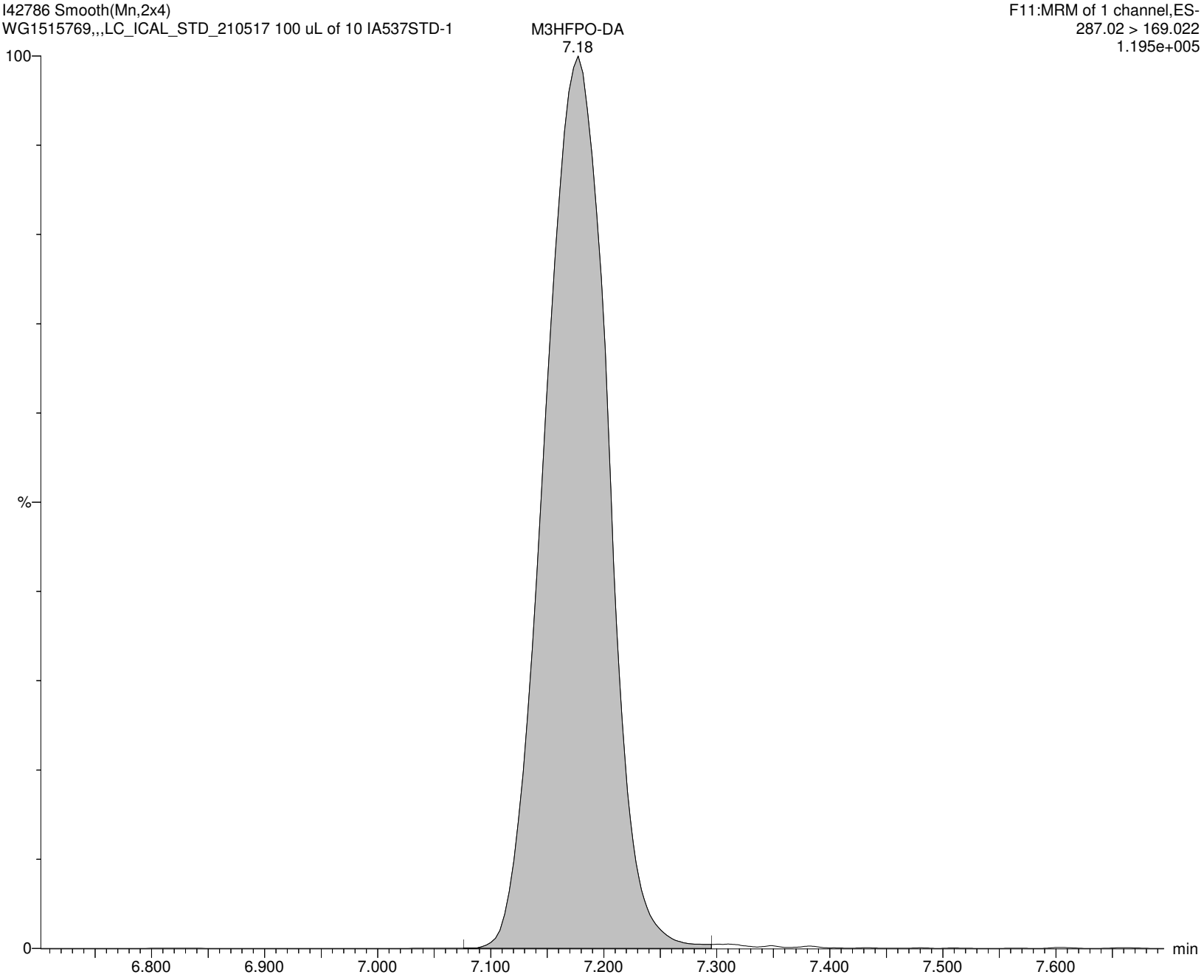


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3HFPO-DA

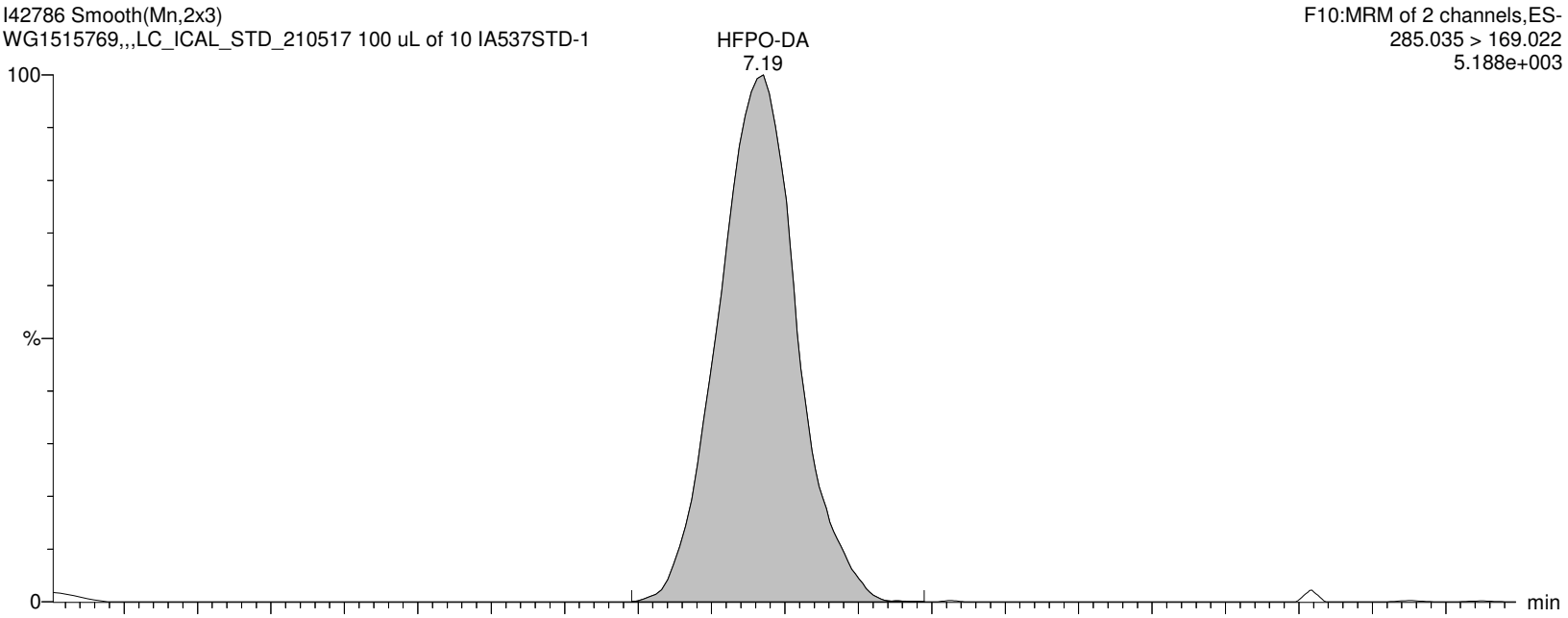


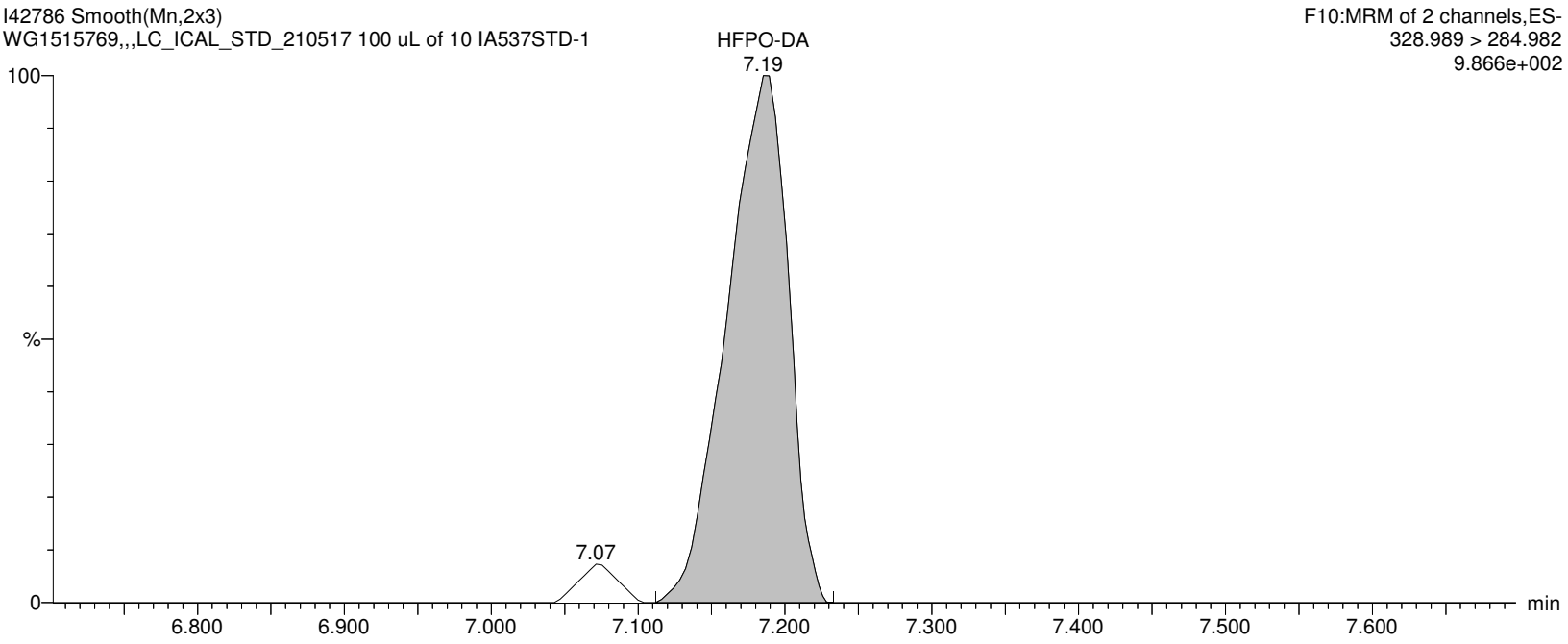
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

HFPO-DA



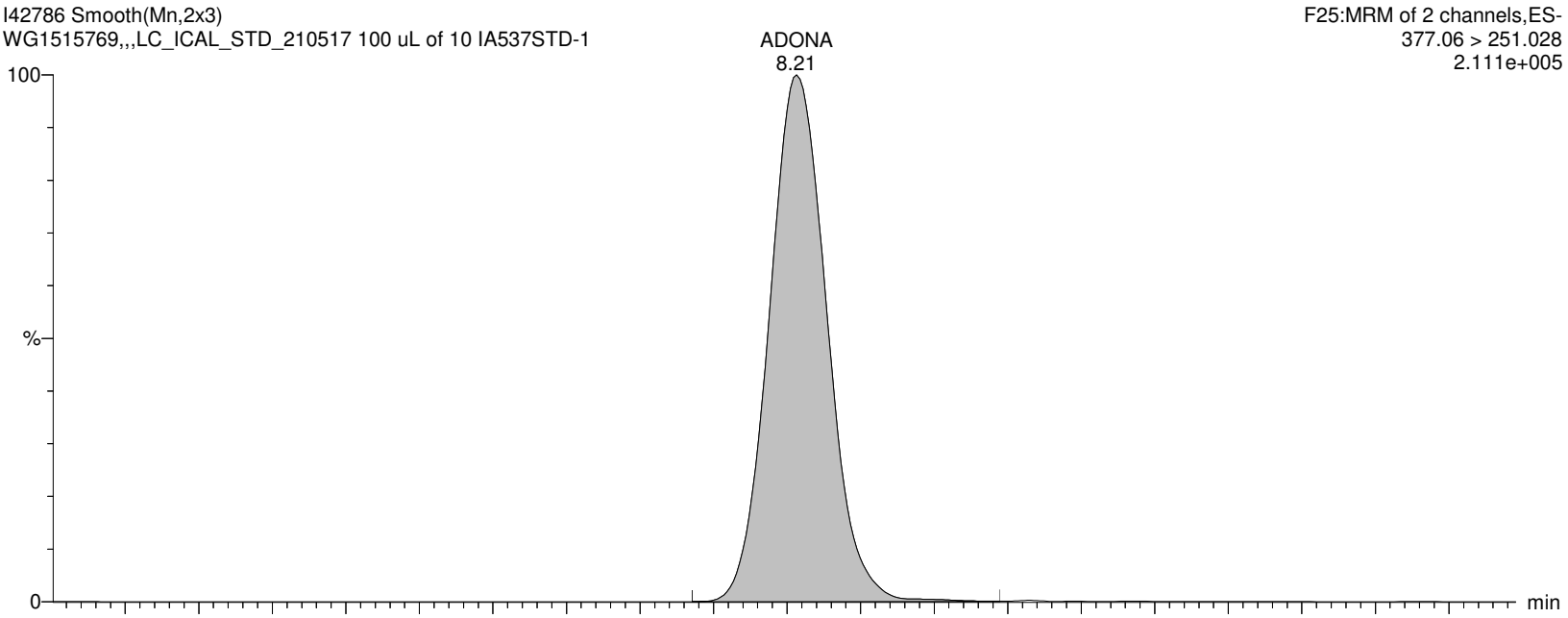


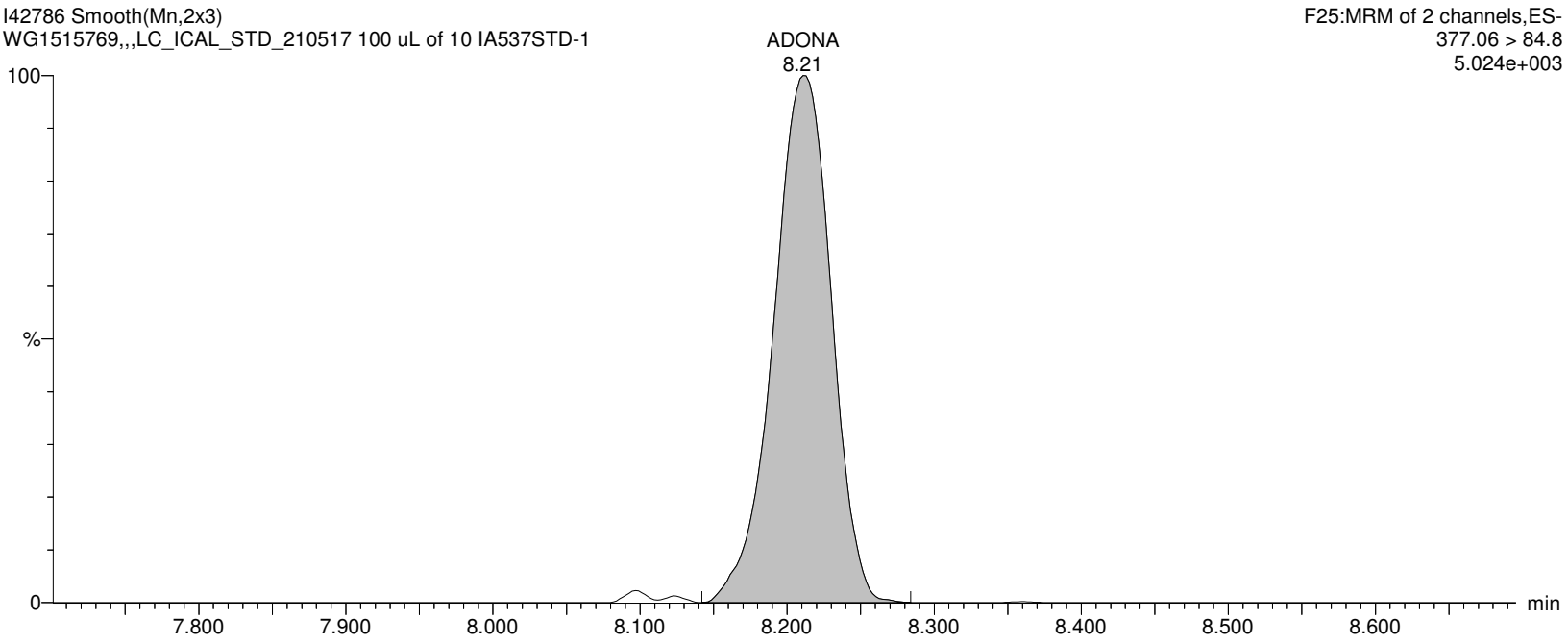
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

ADONA



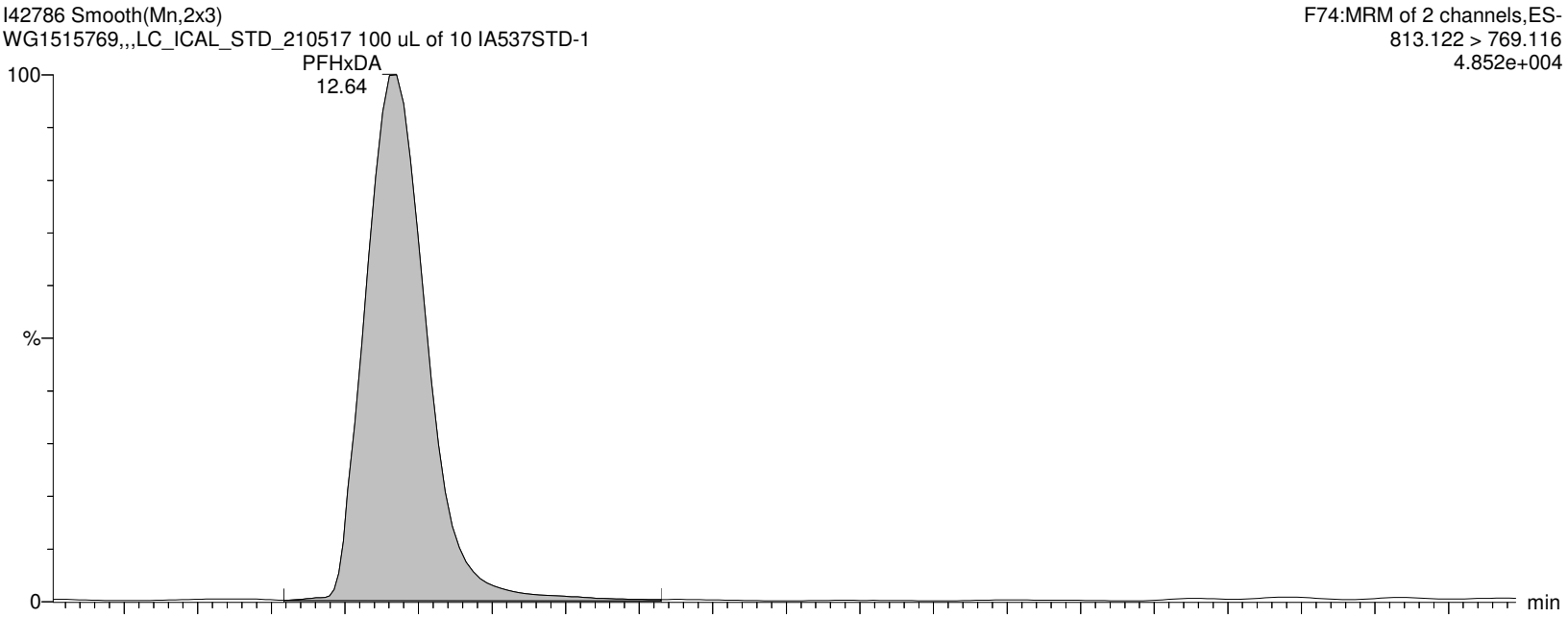


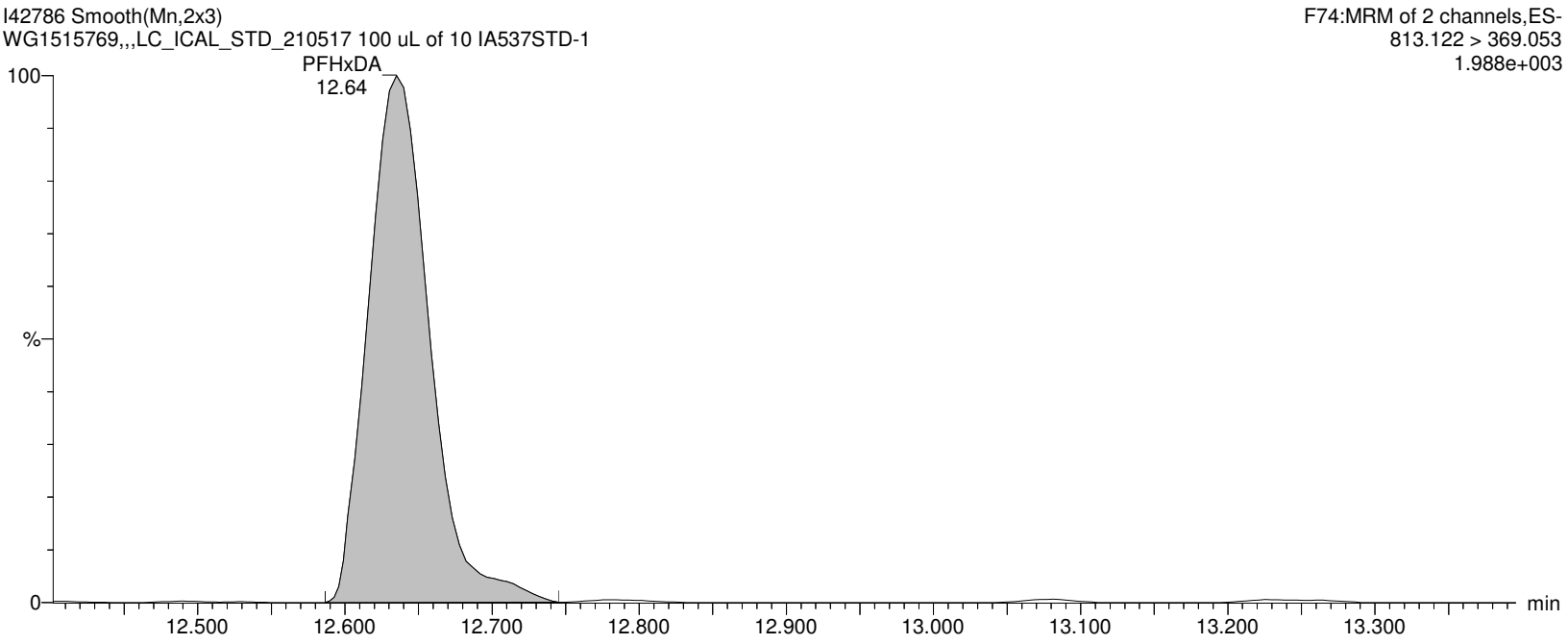
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxDA



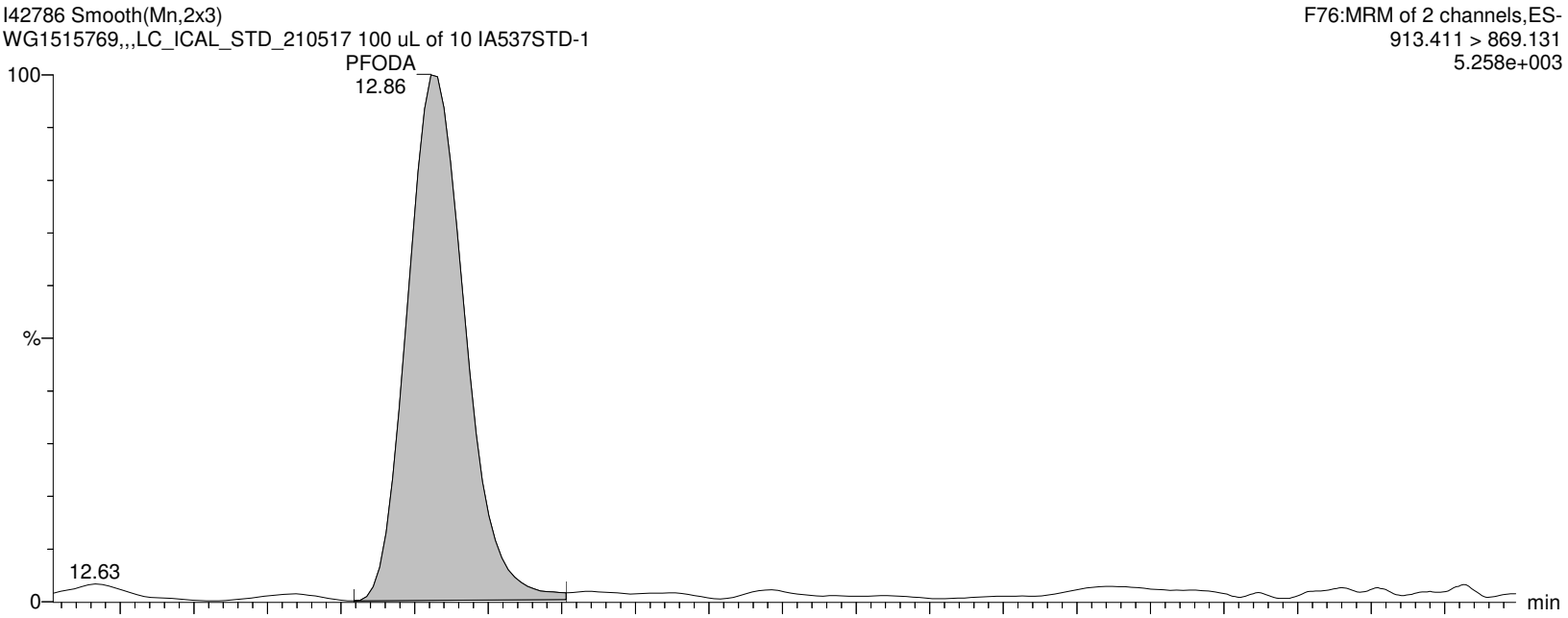


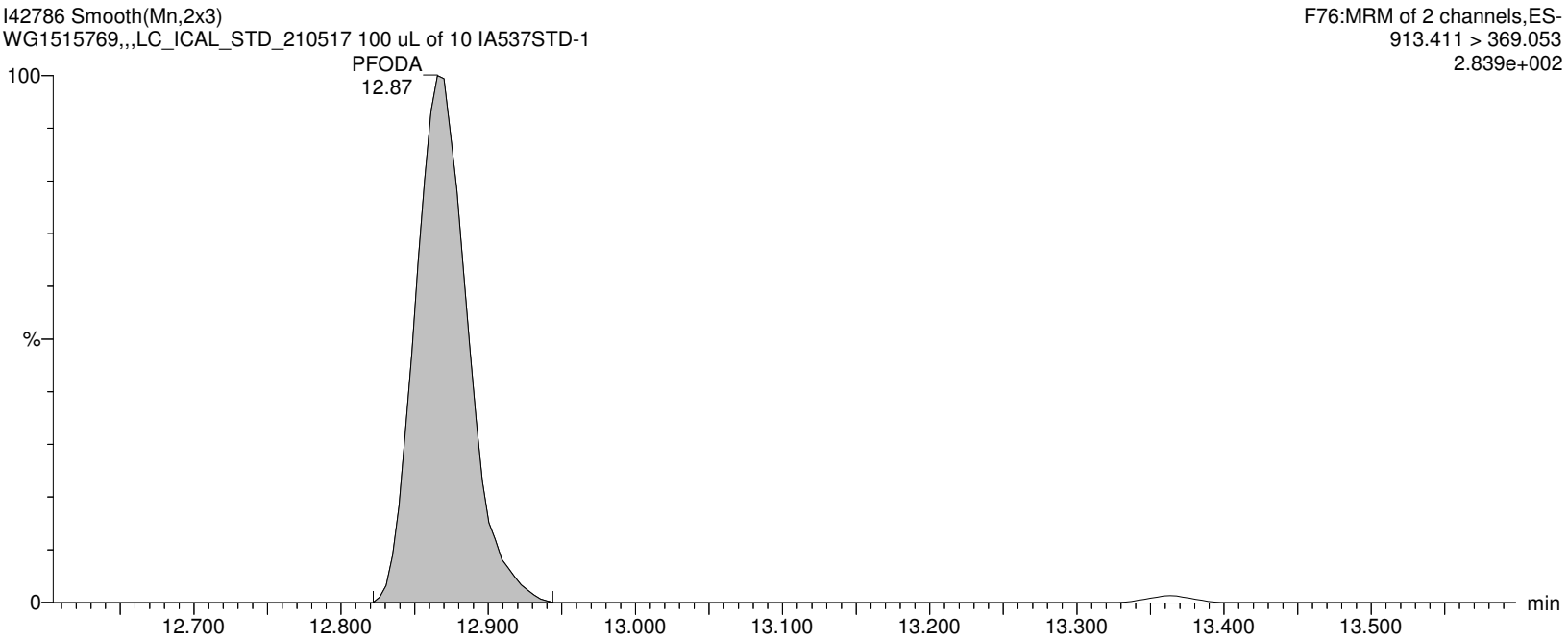
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFODA



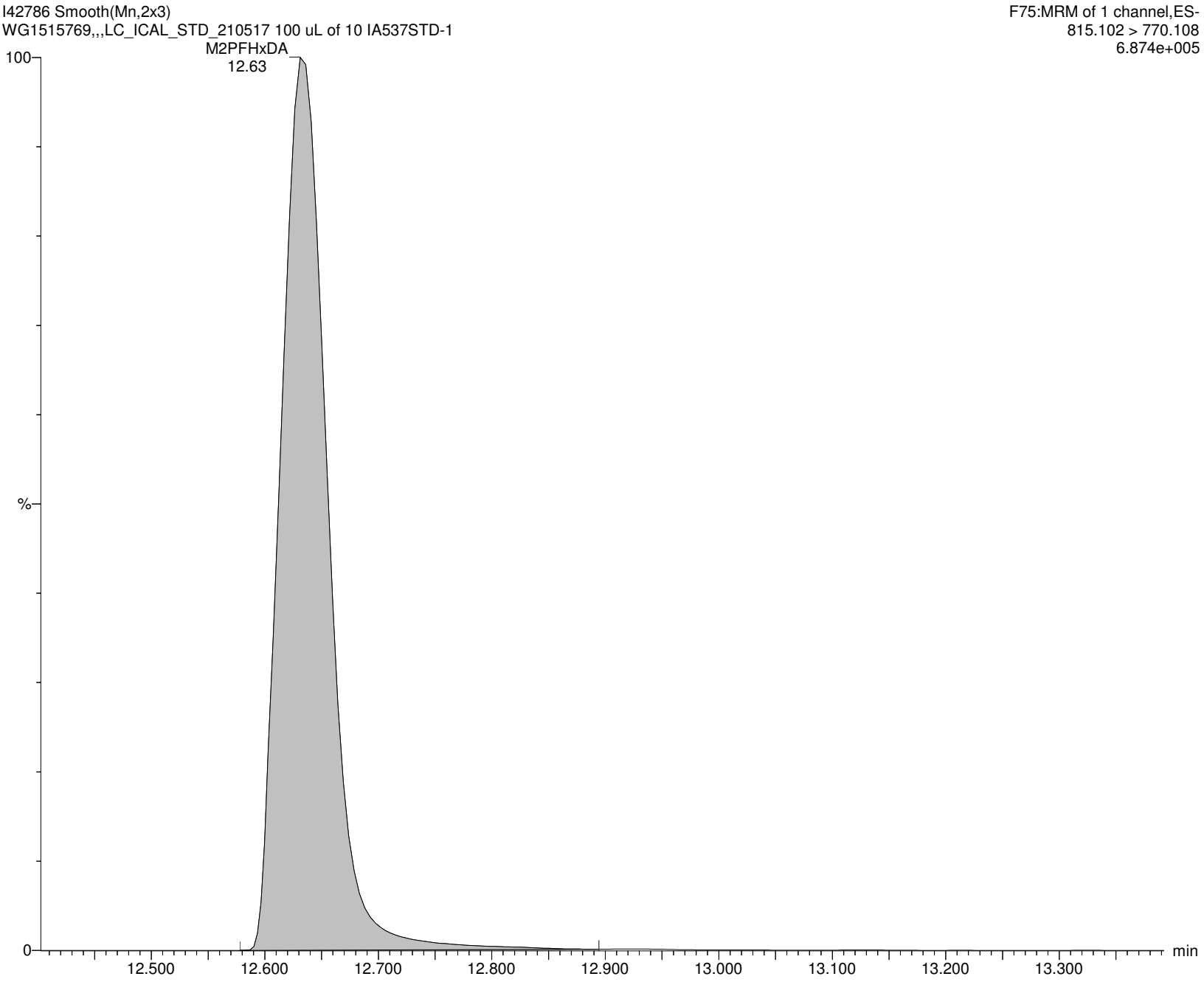


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFHxDA

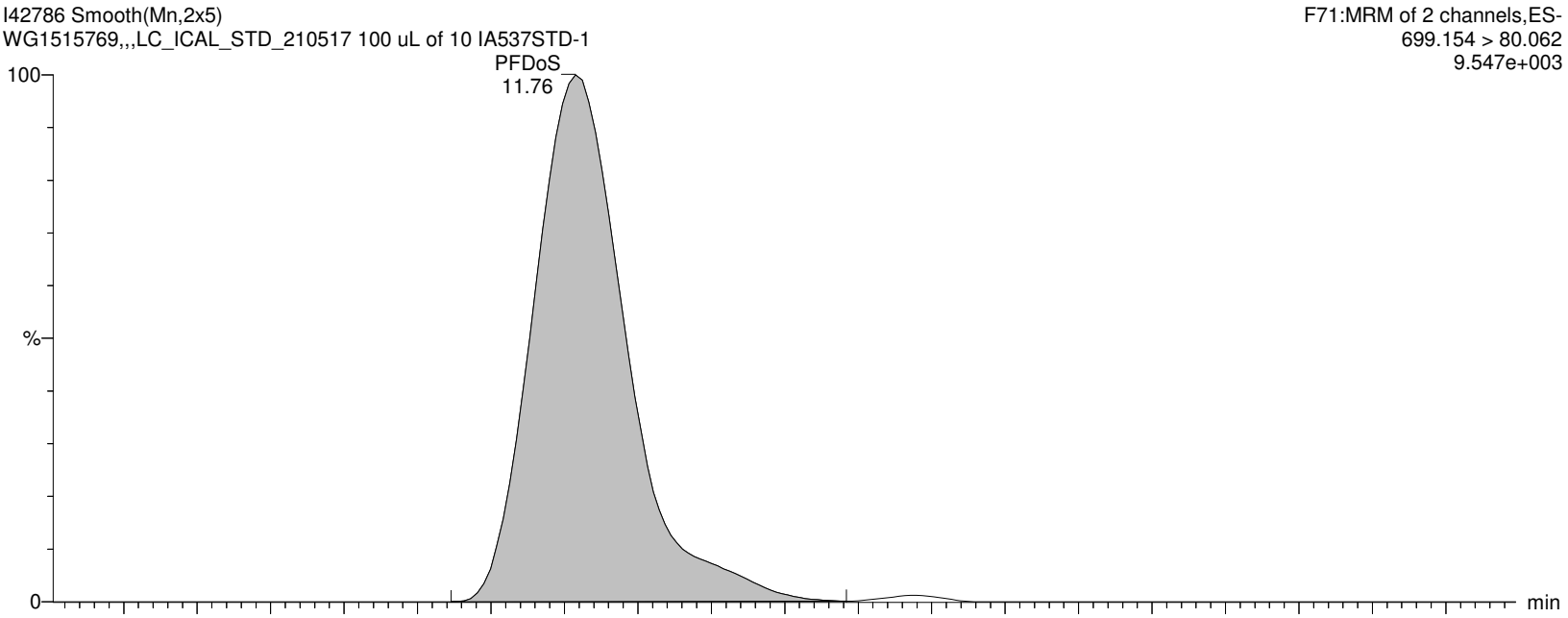


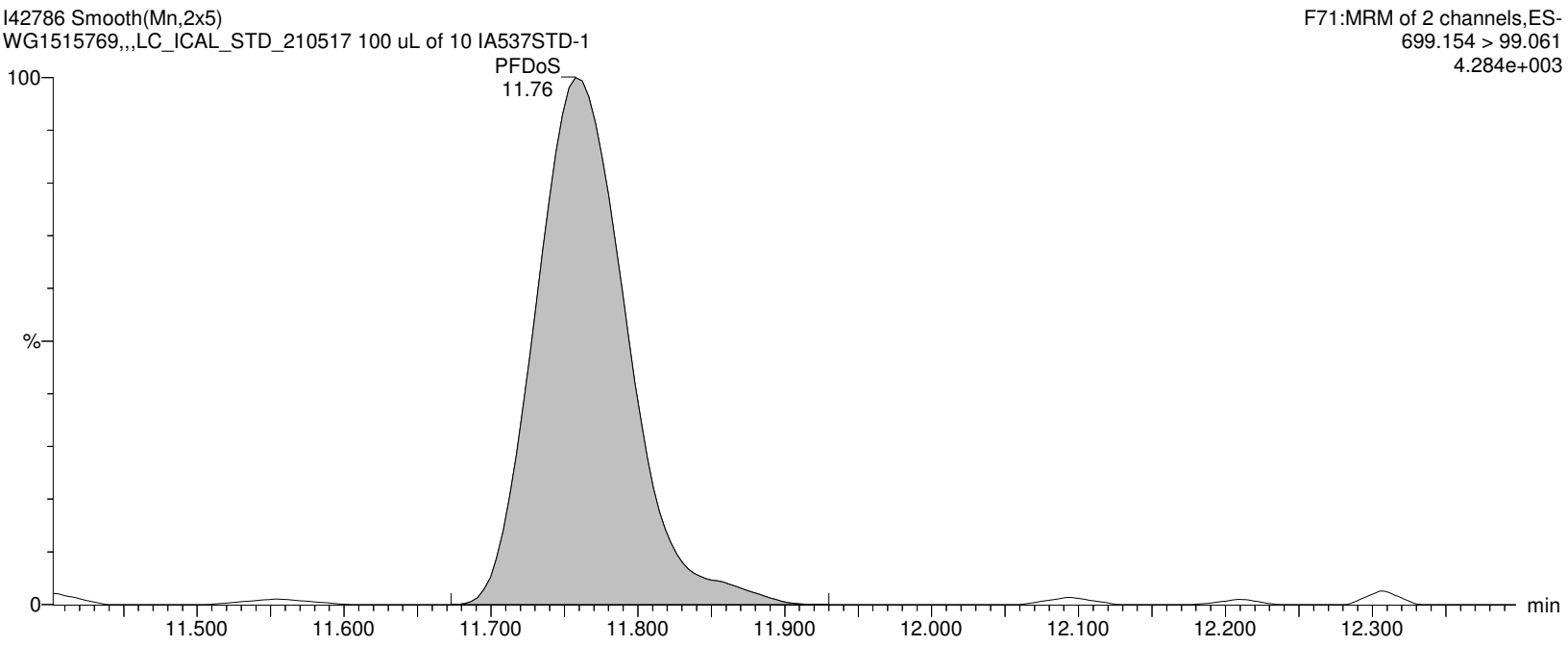
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoS



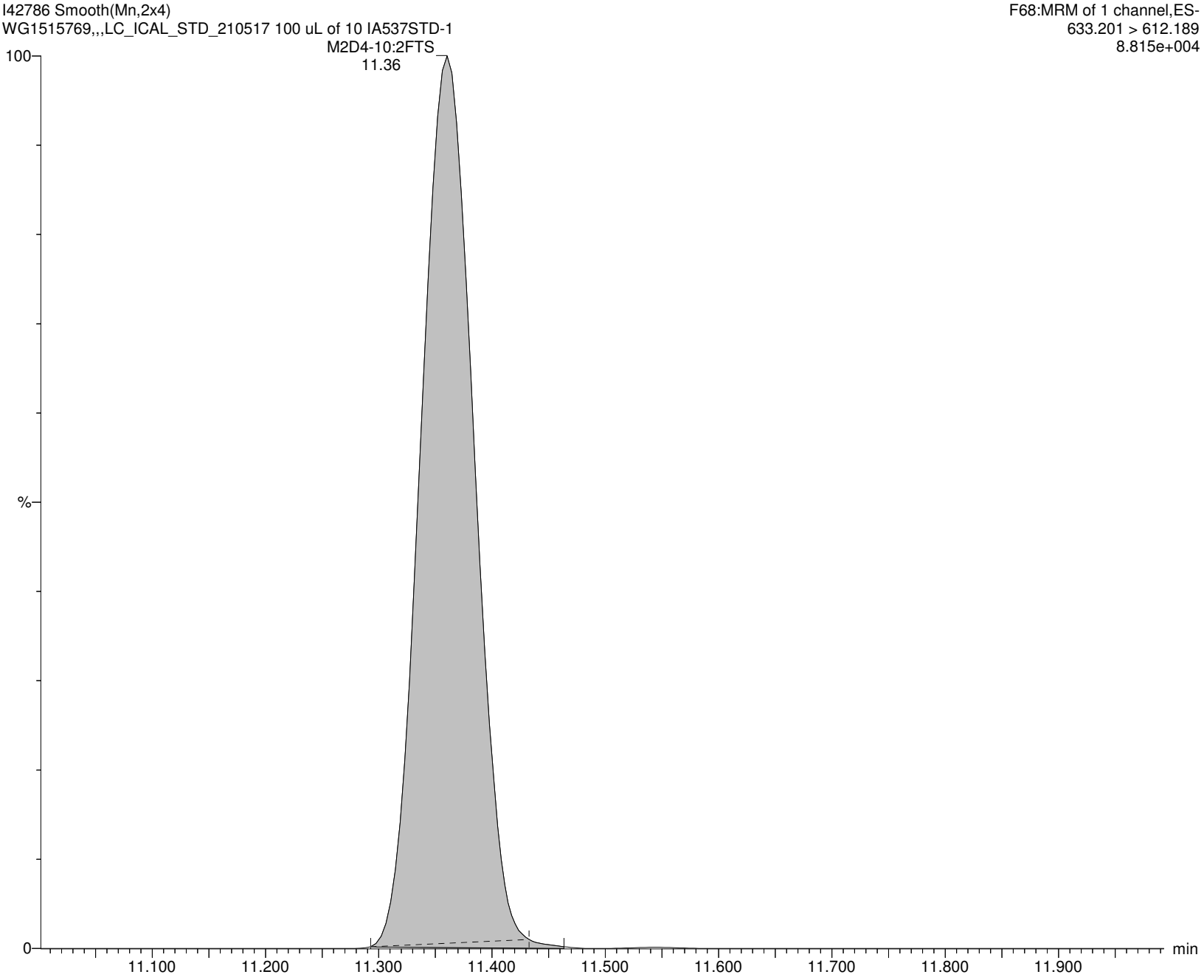


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2D4-10:2FTS

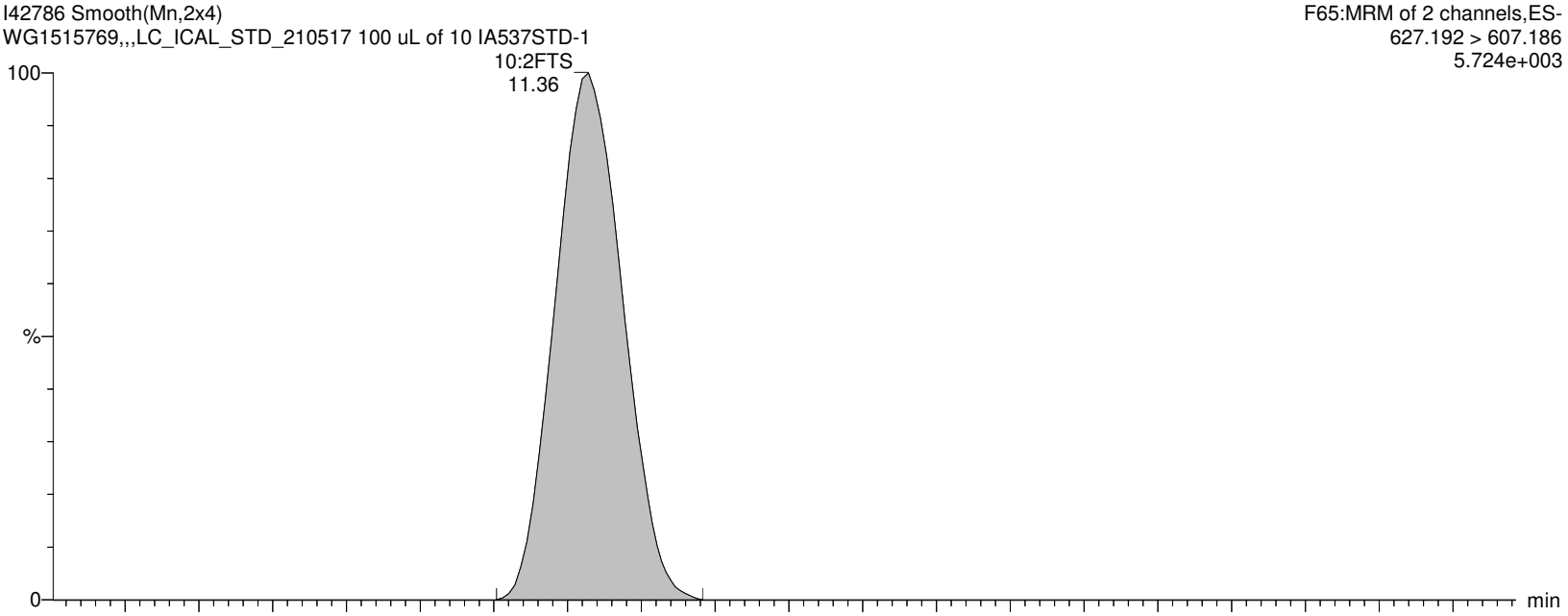


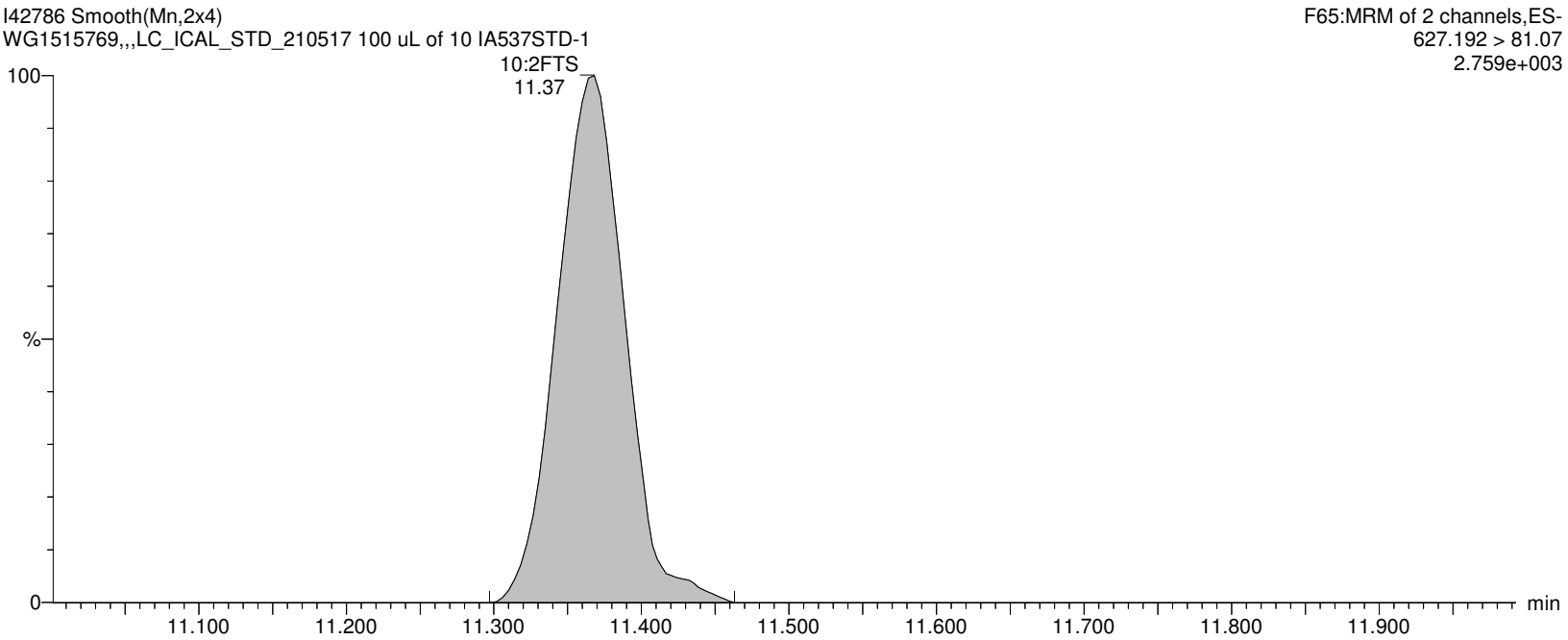
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

10:2FTS



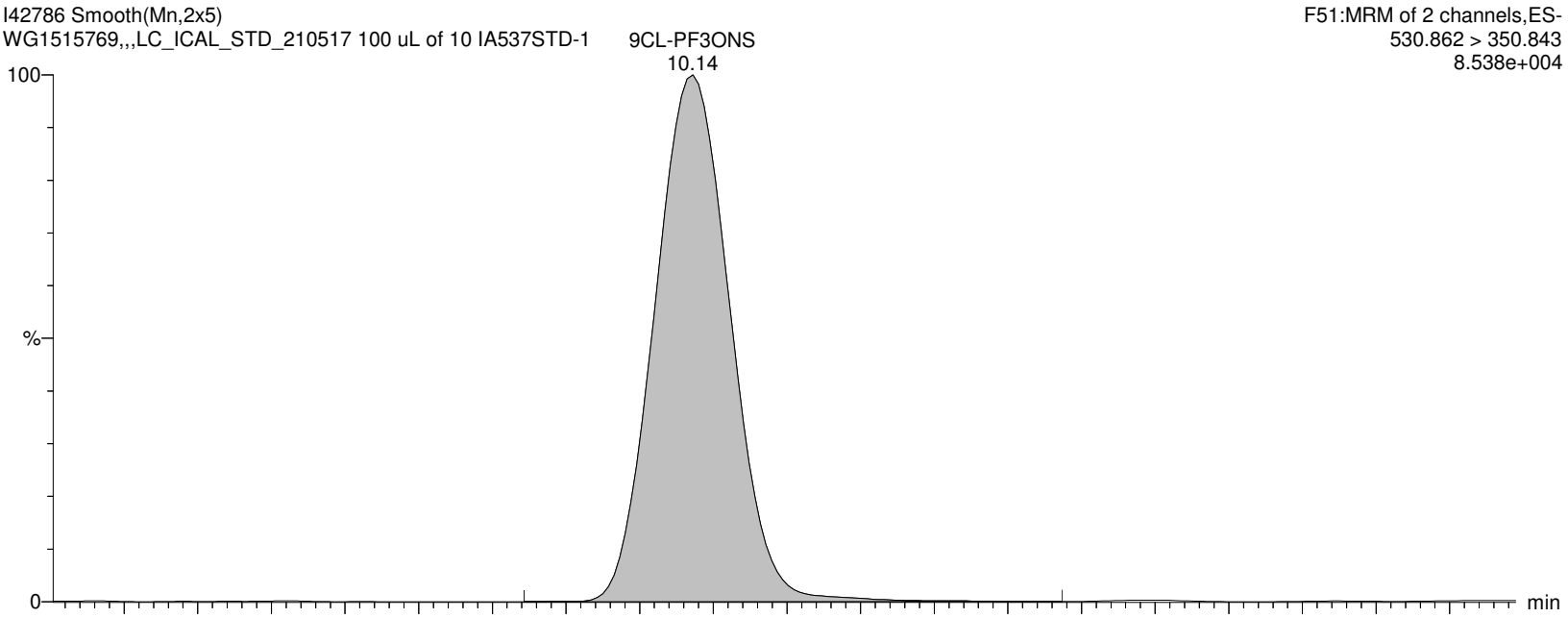


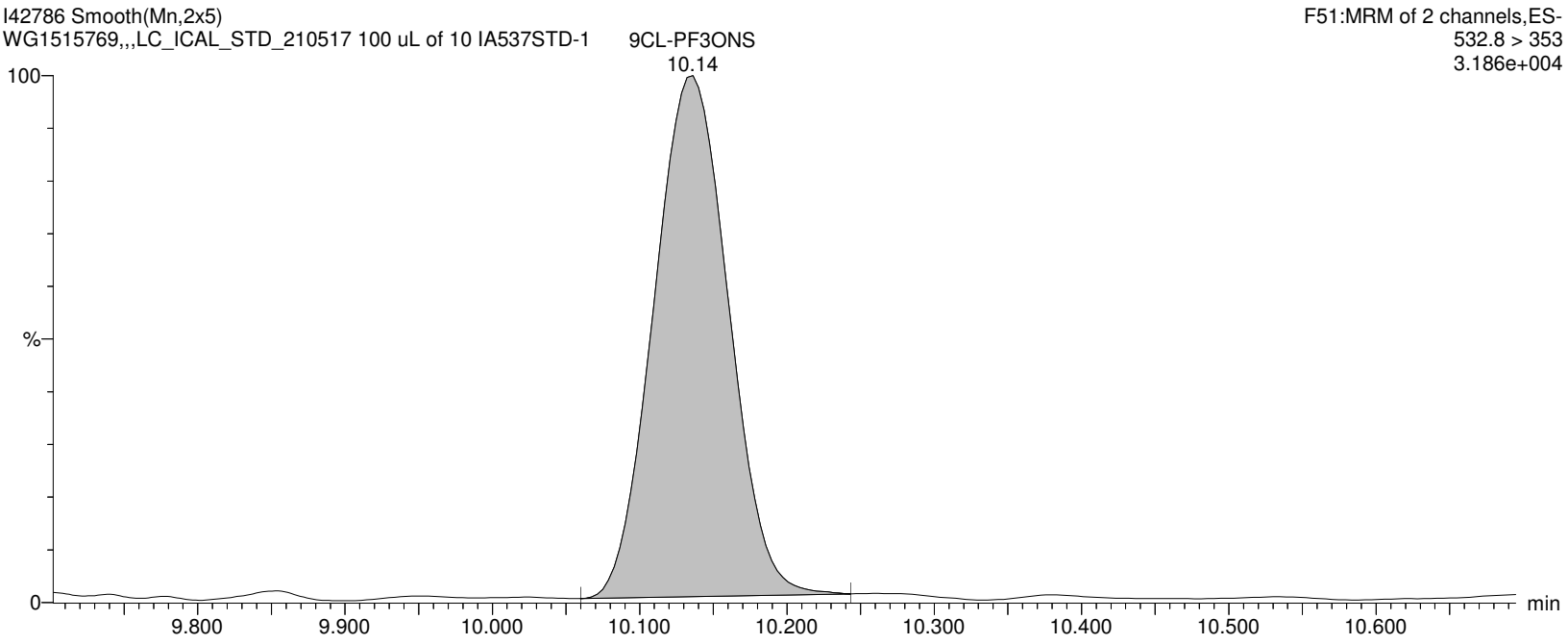
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

9CL-PF3ONS



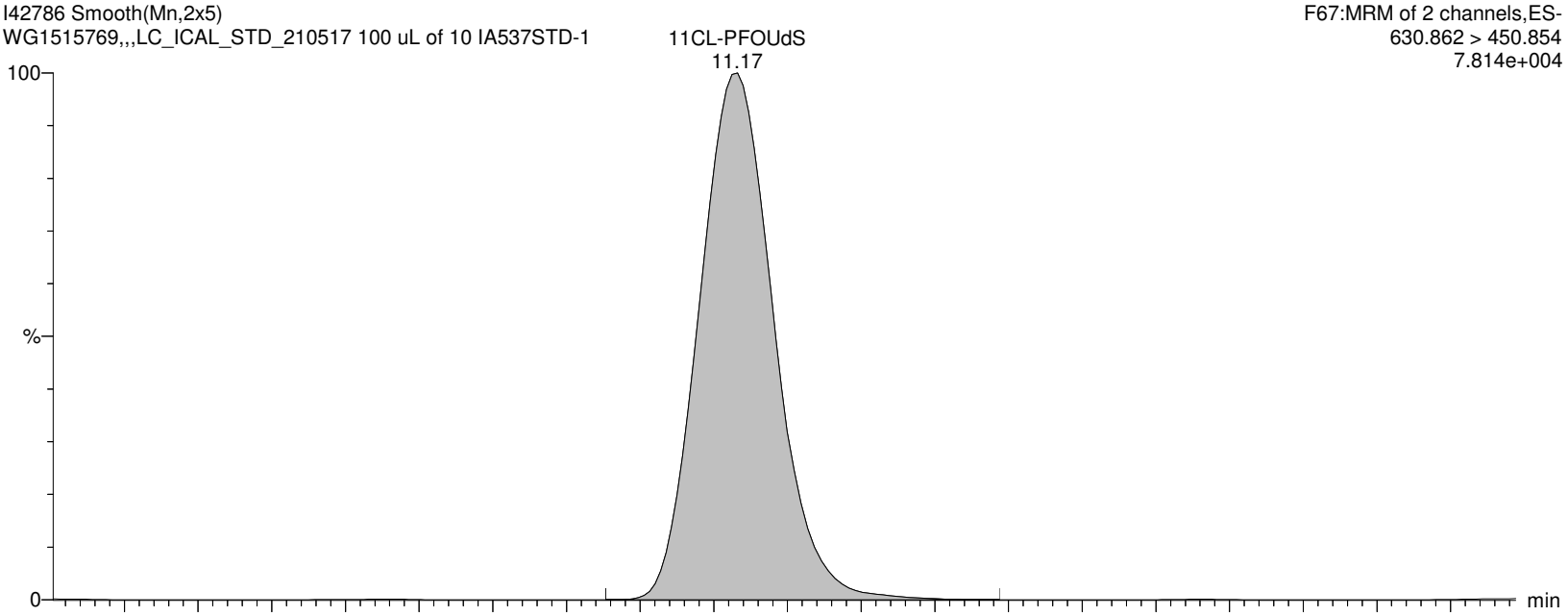


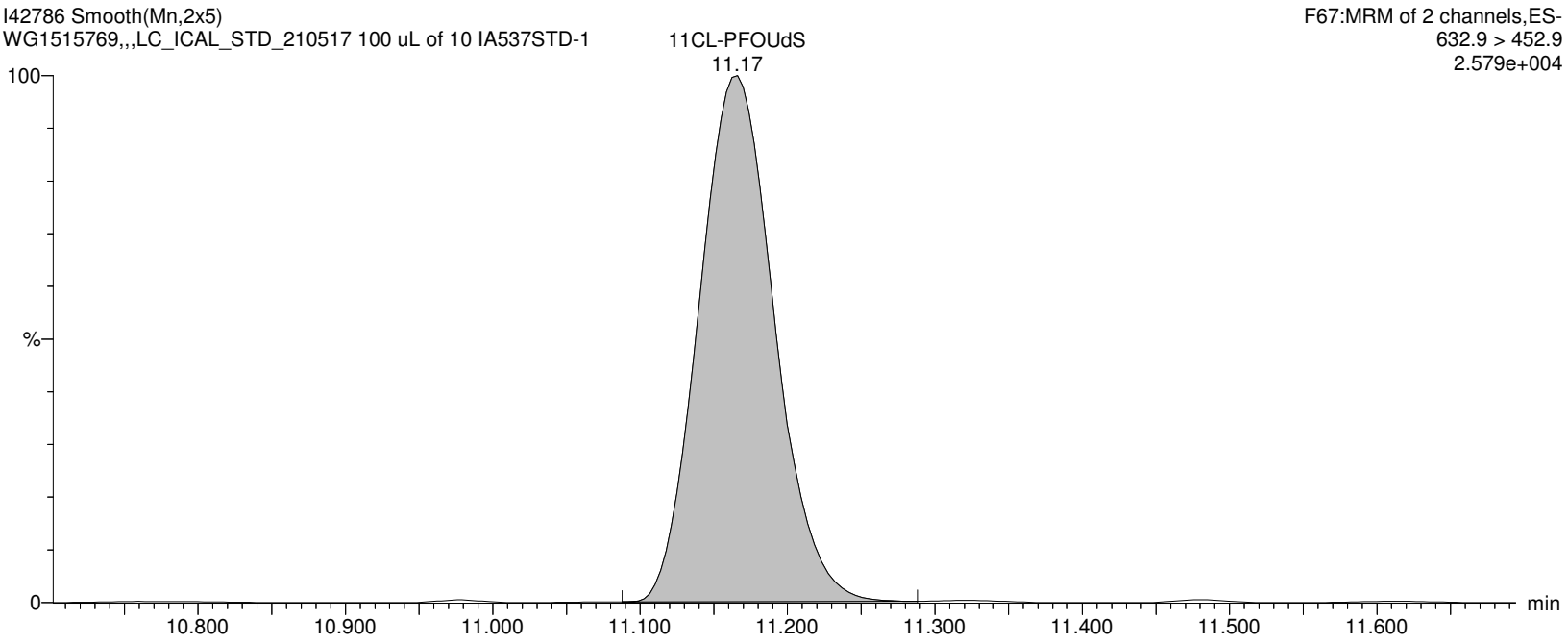
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

11CL-PFOUdS



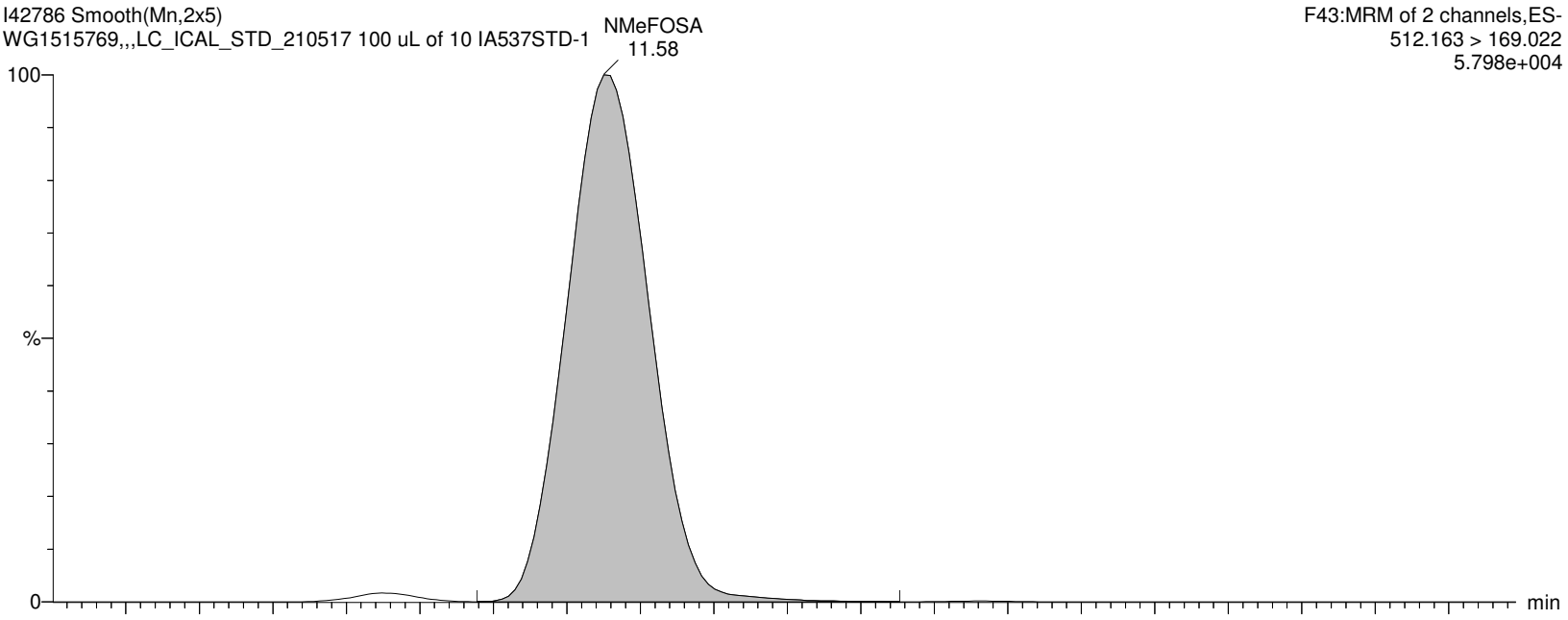


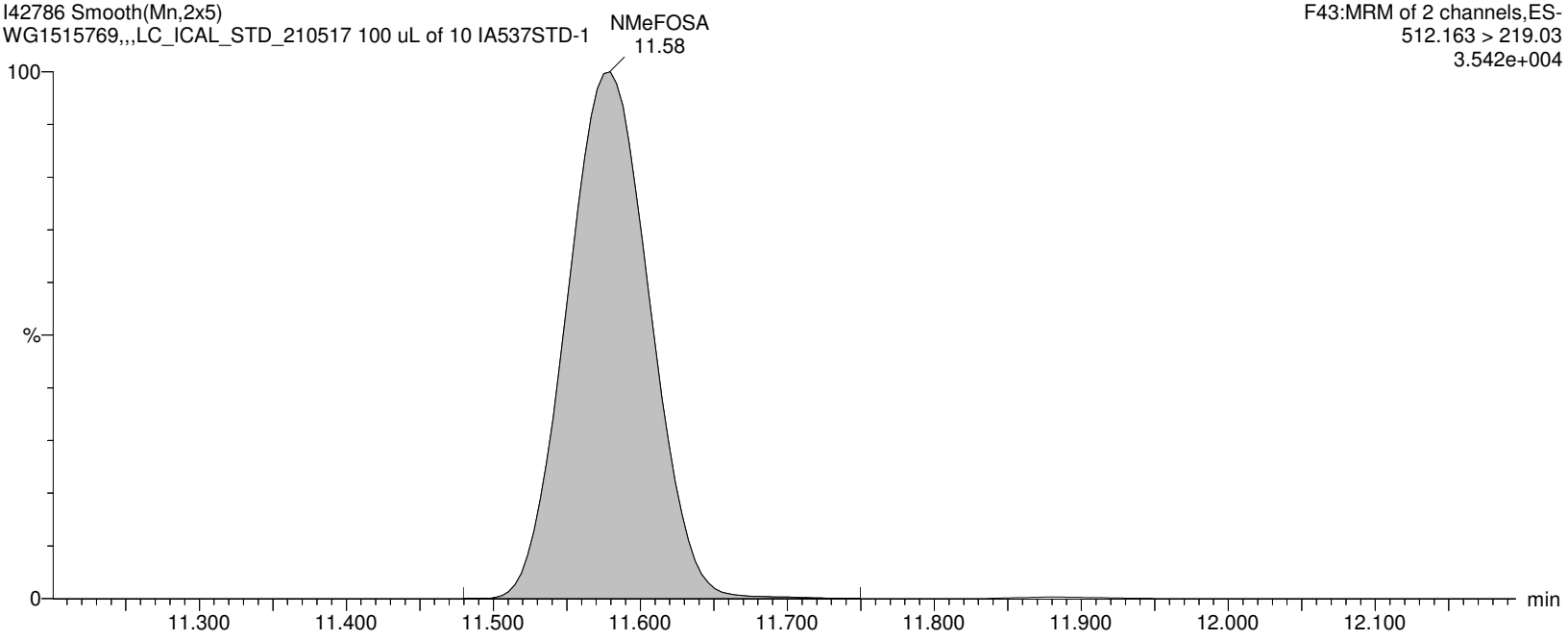
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSA



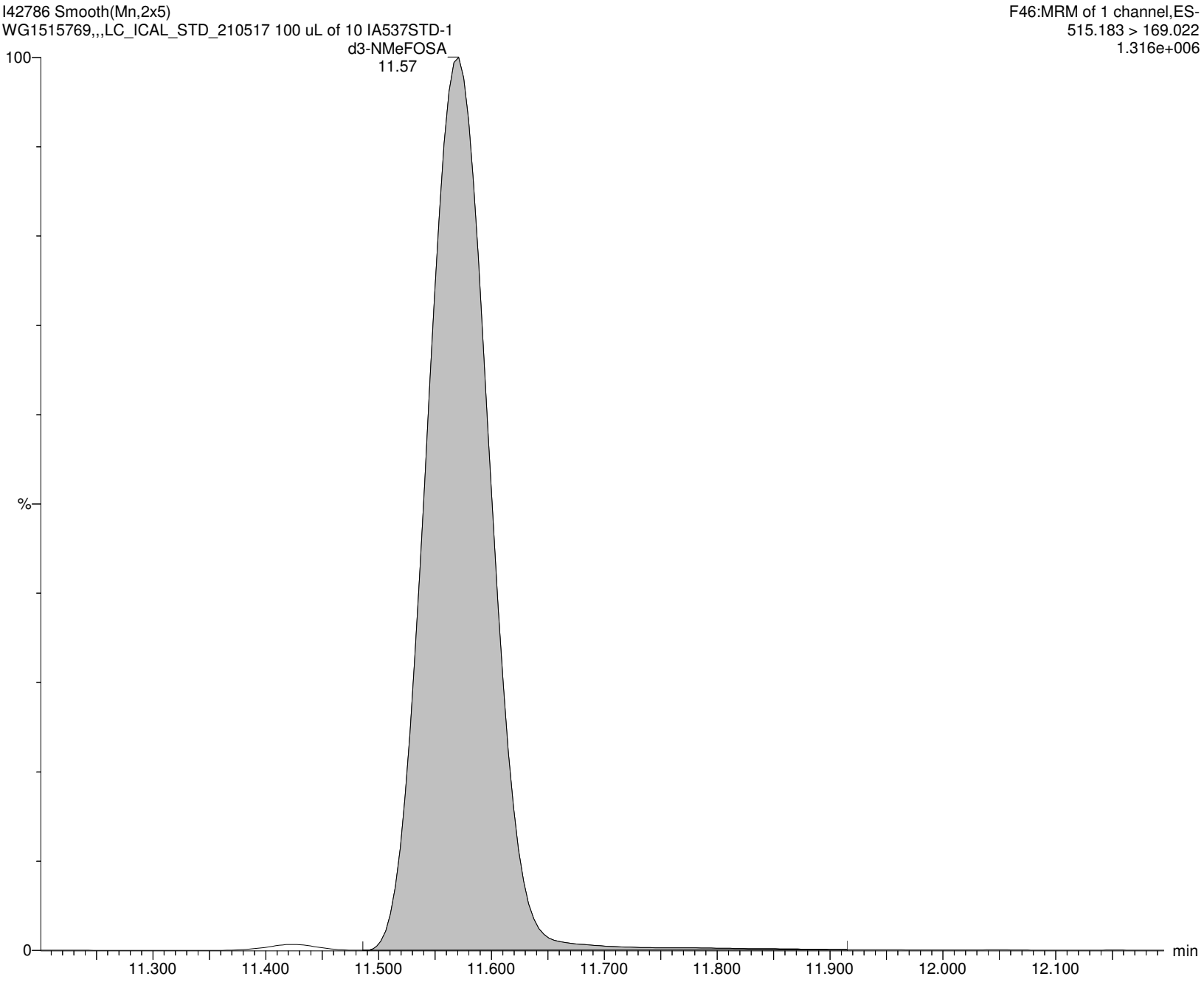


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSA

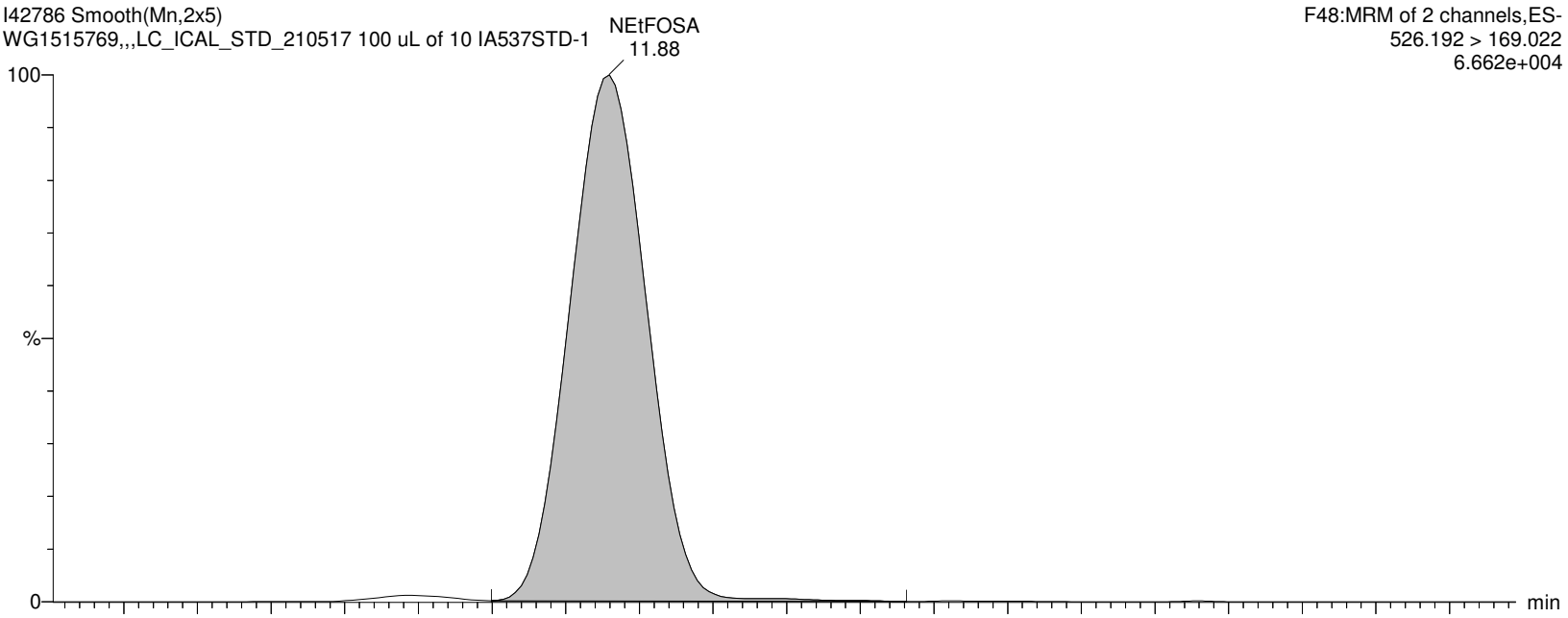


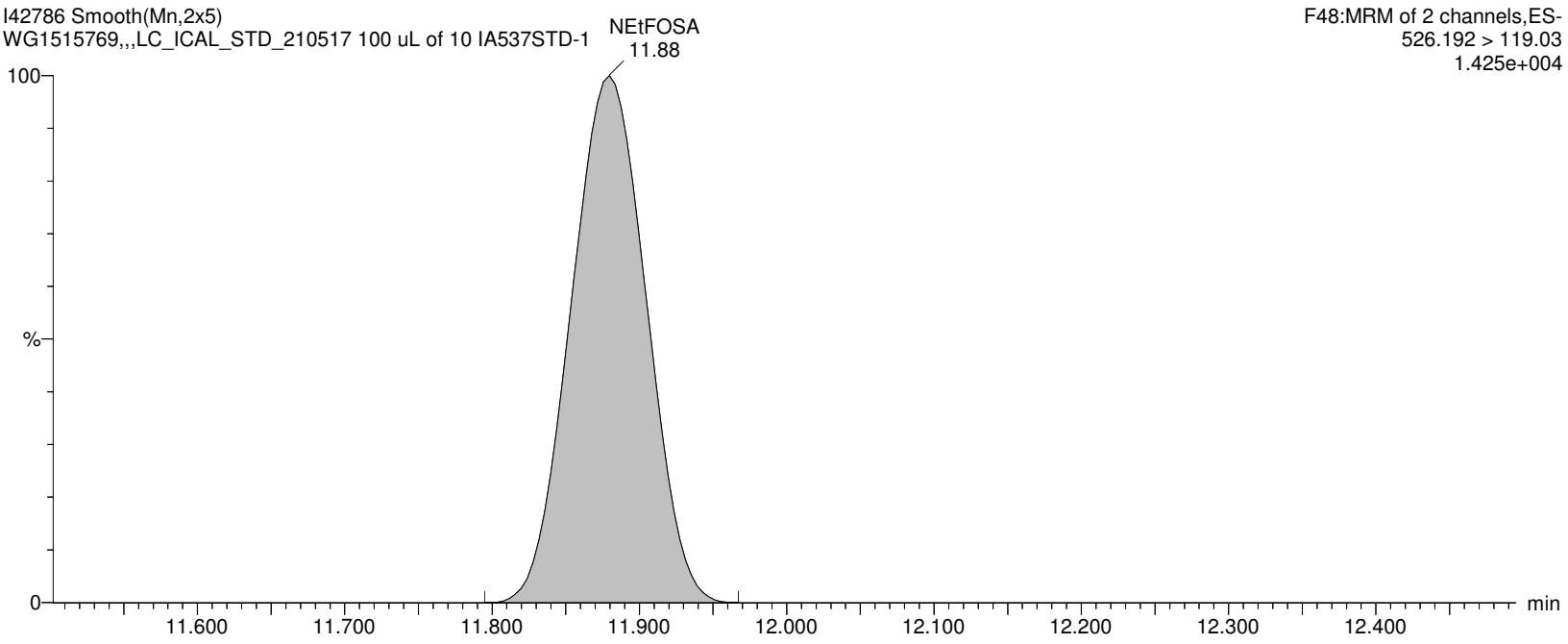
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSA



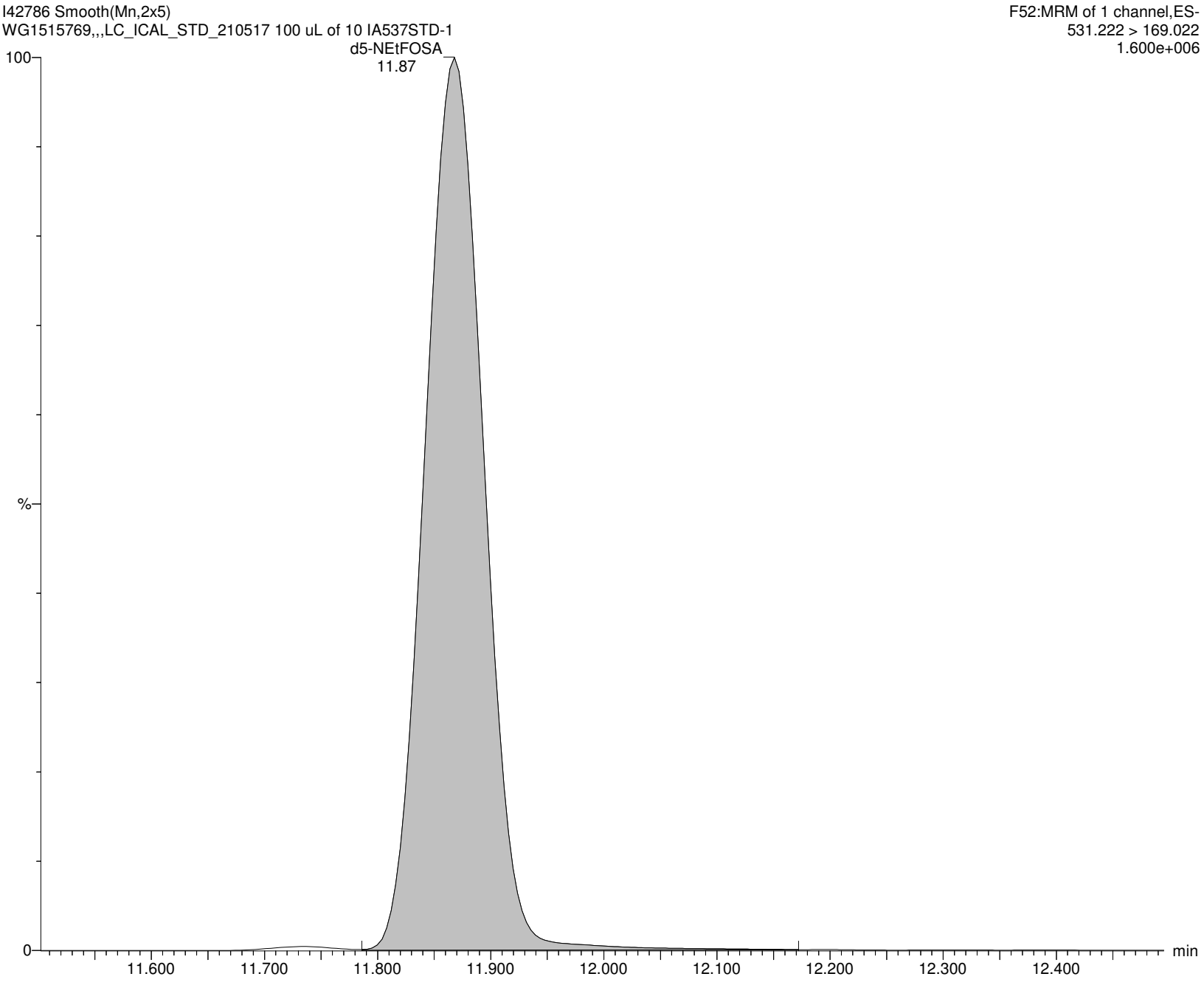


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSA

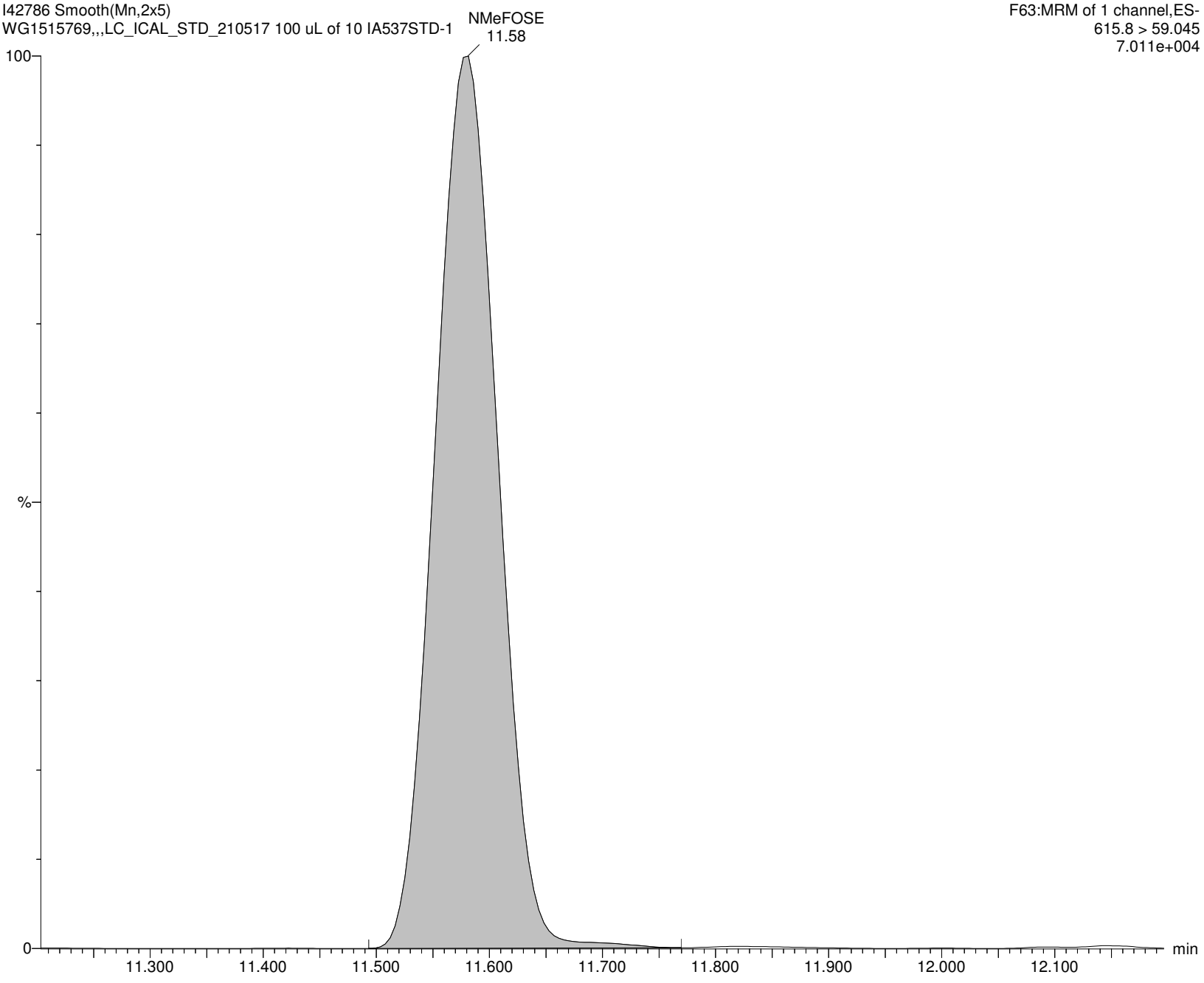


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSE

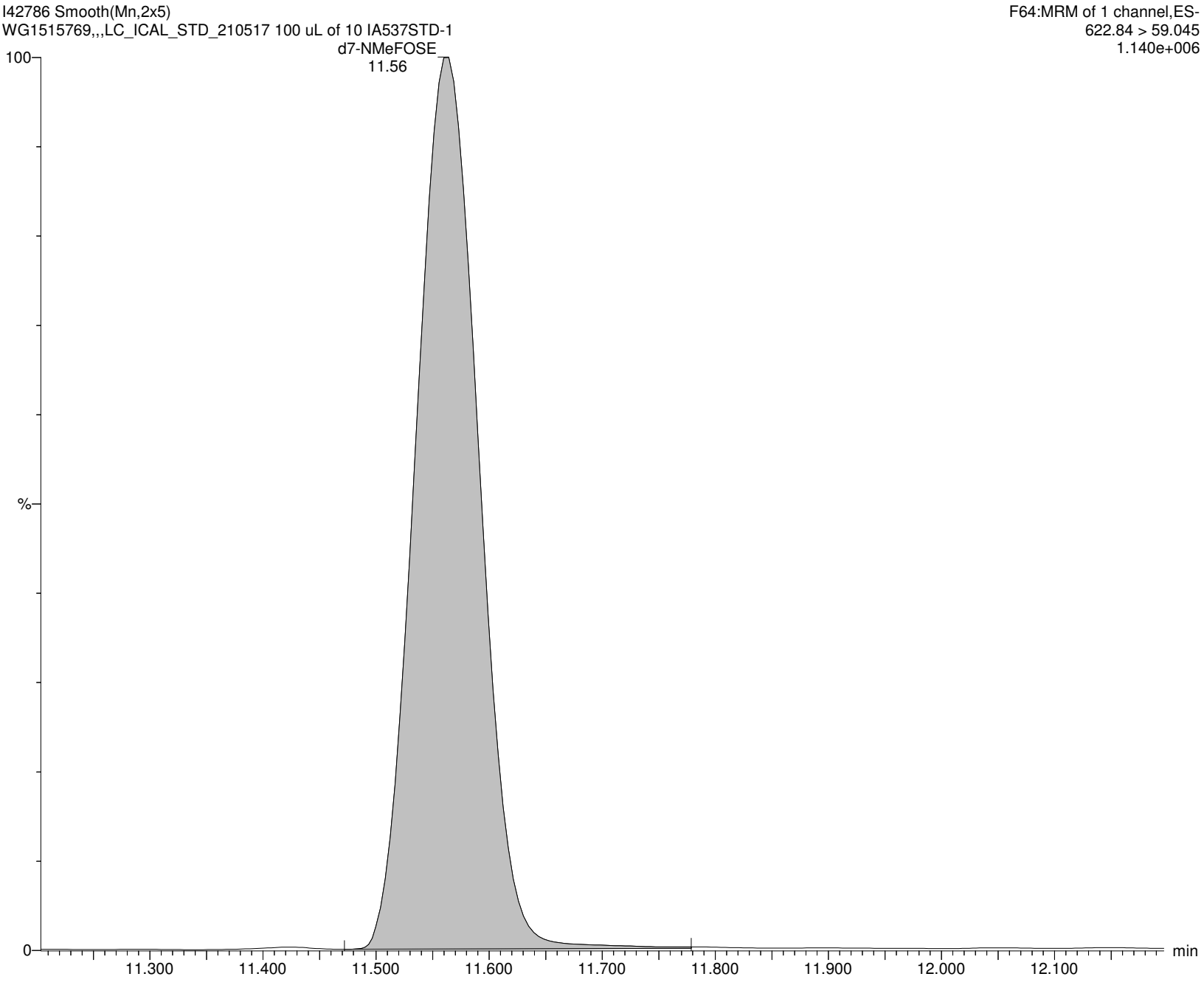


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d7-NMeFOSE

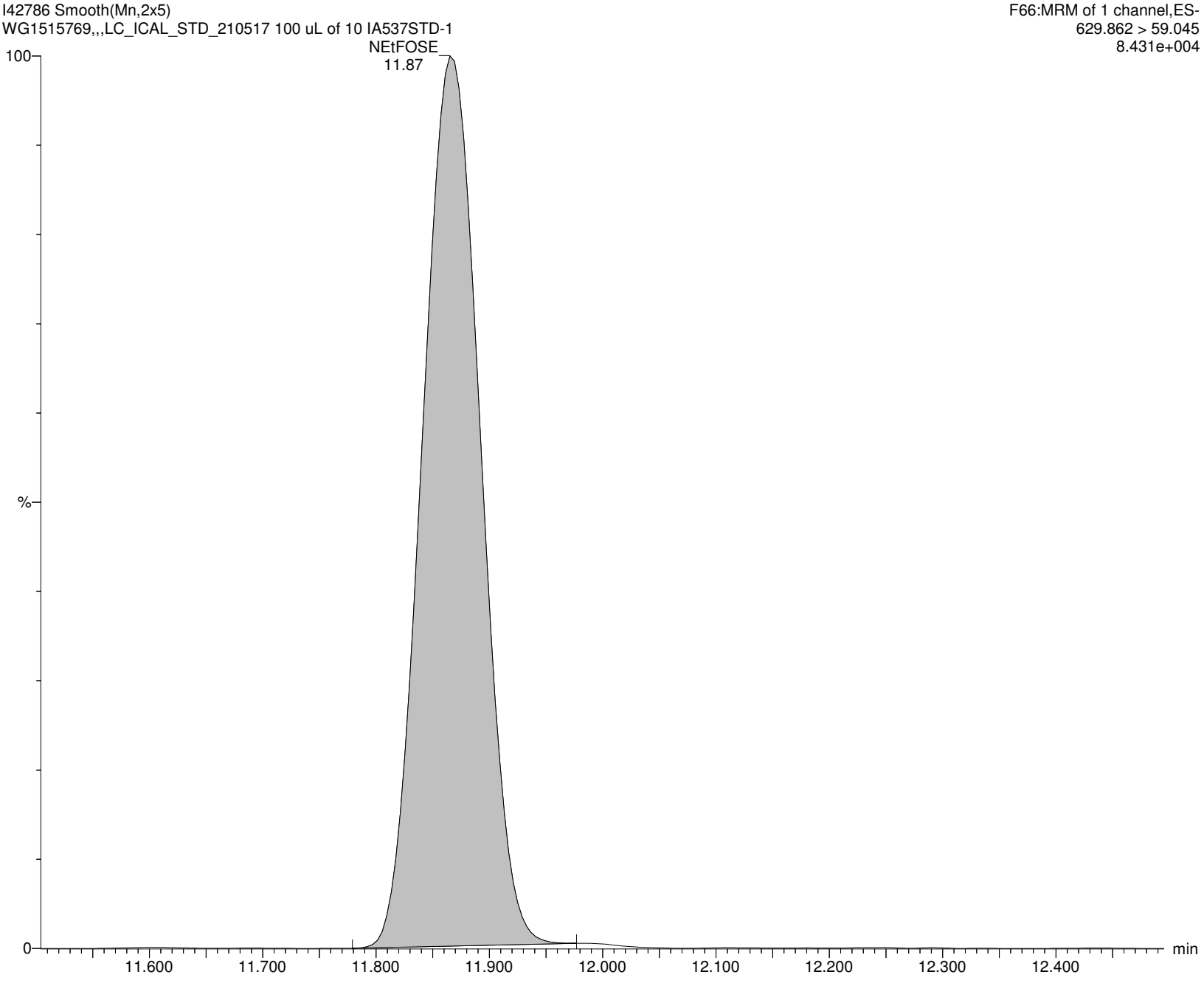


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSE

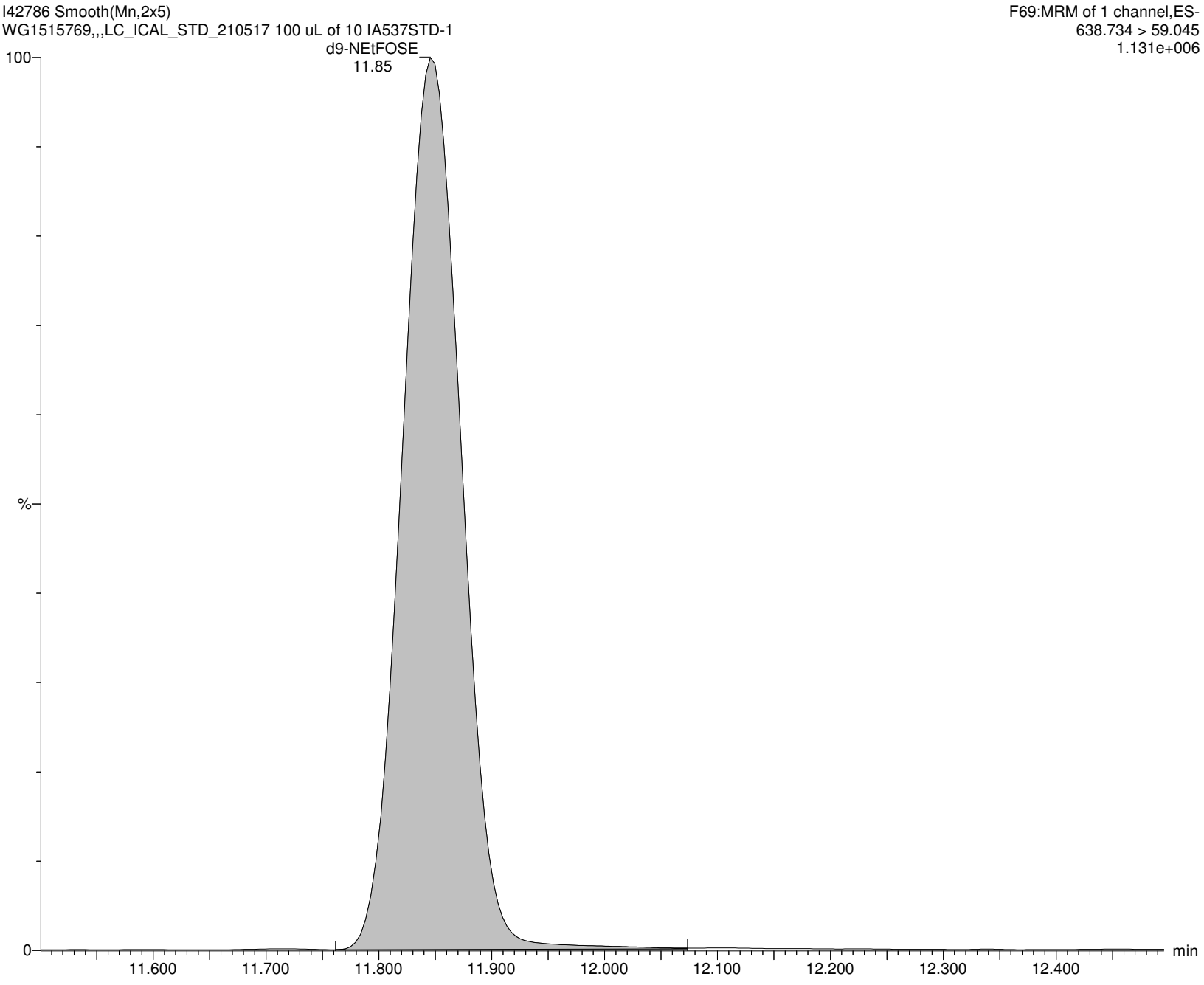


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d9-NEtFOSE

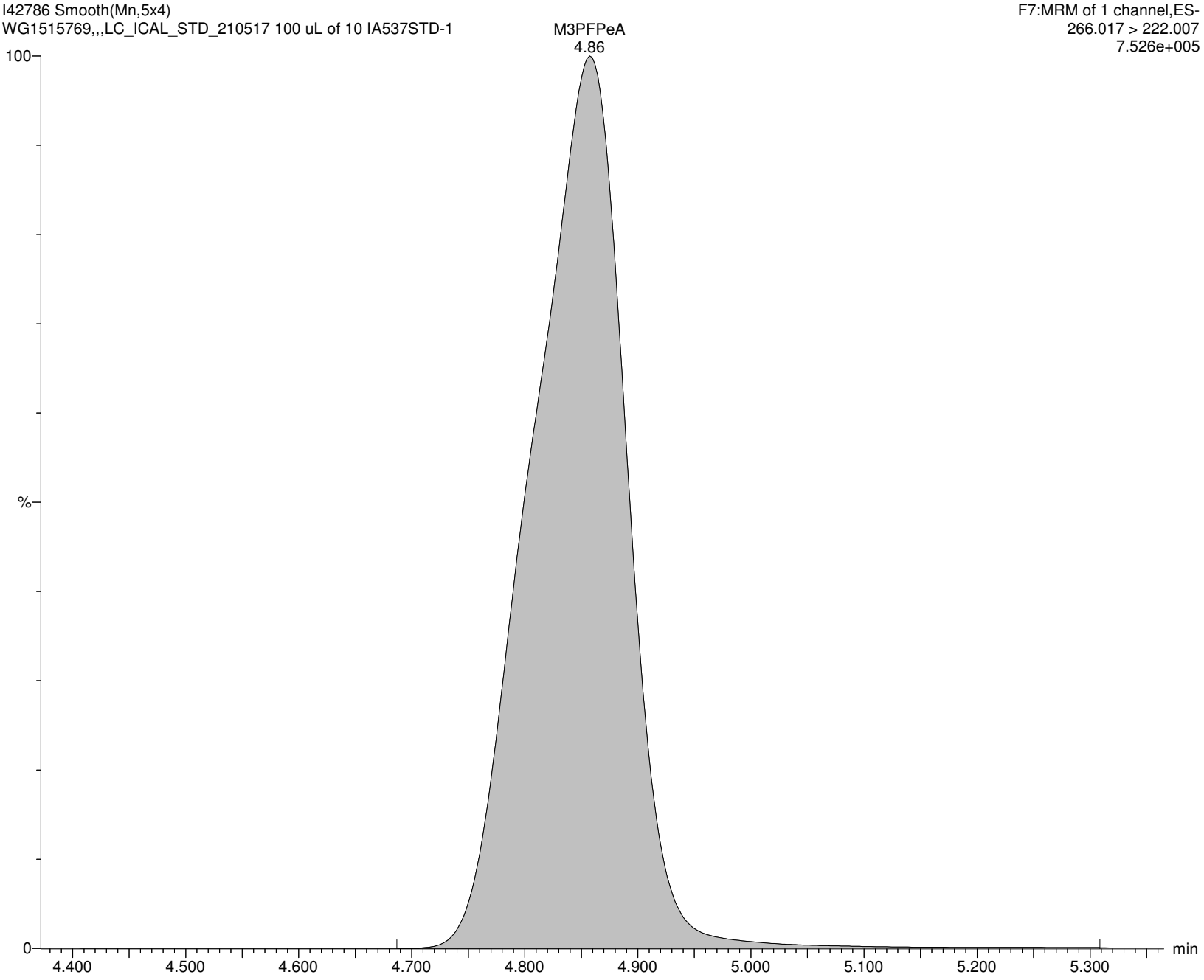


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFPeA

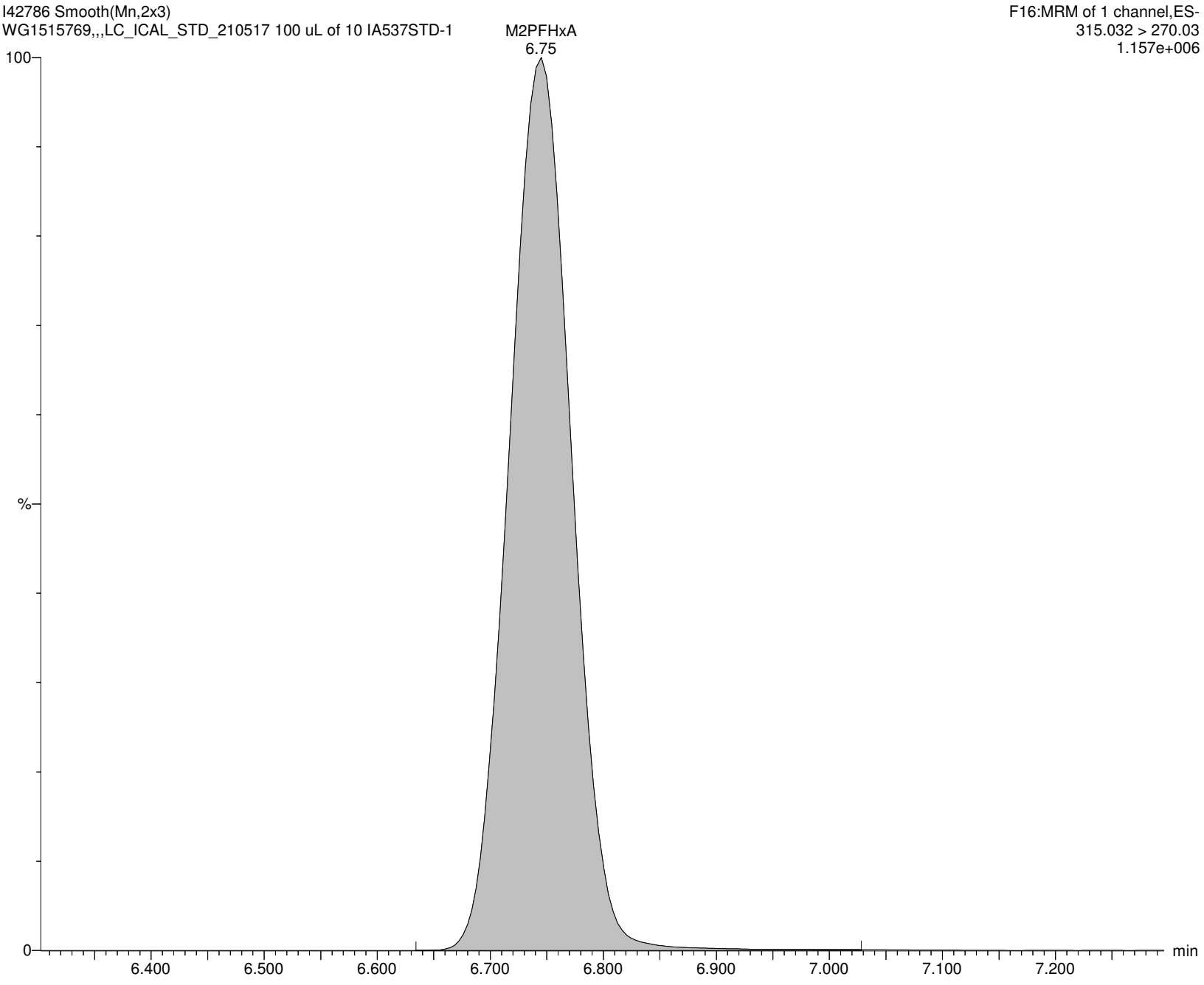


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFHxA

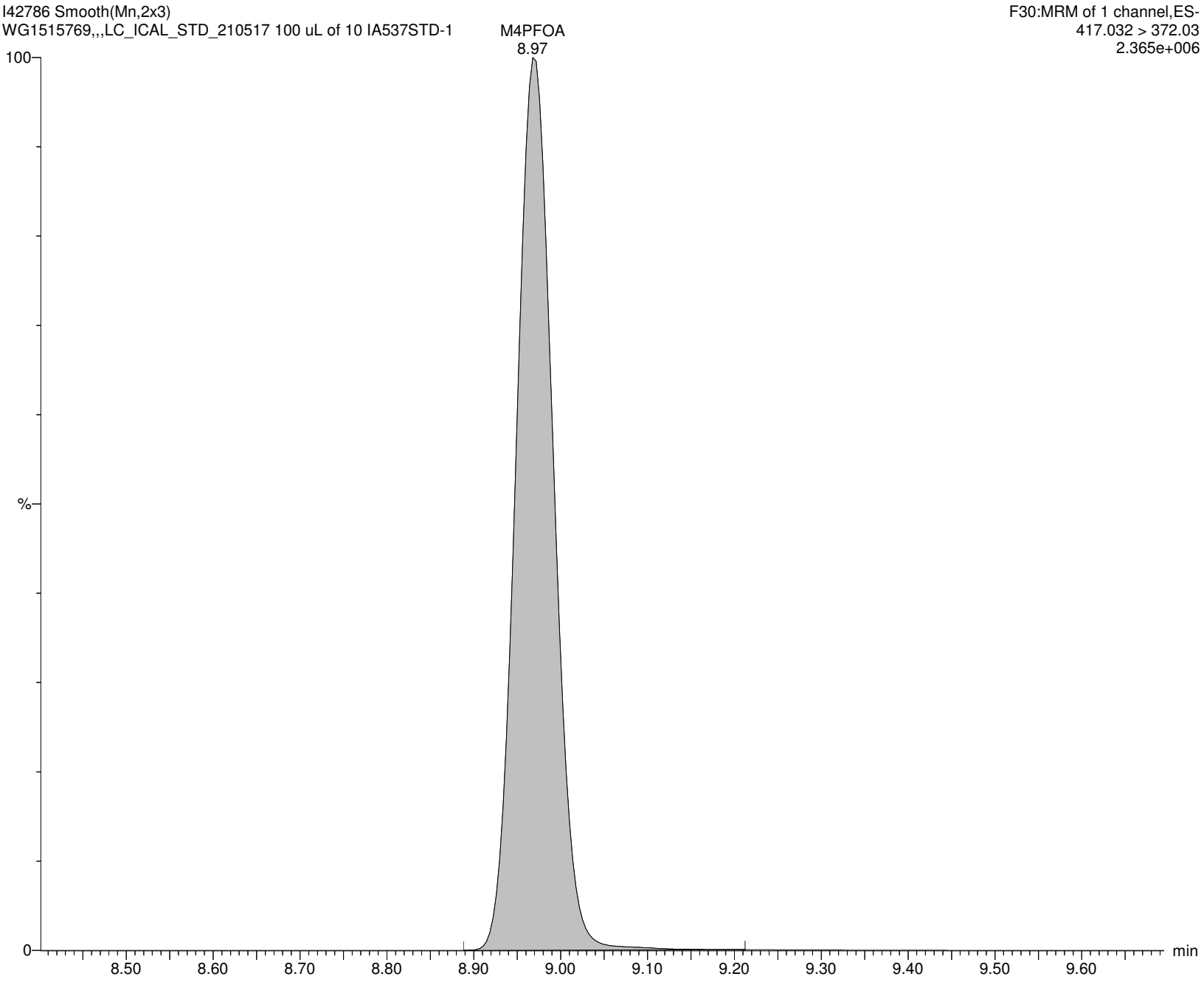


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOA

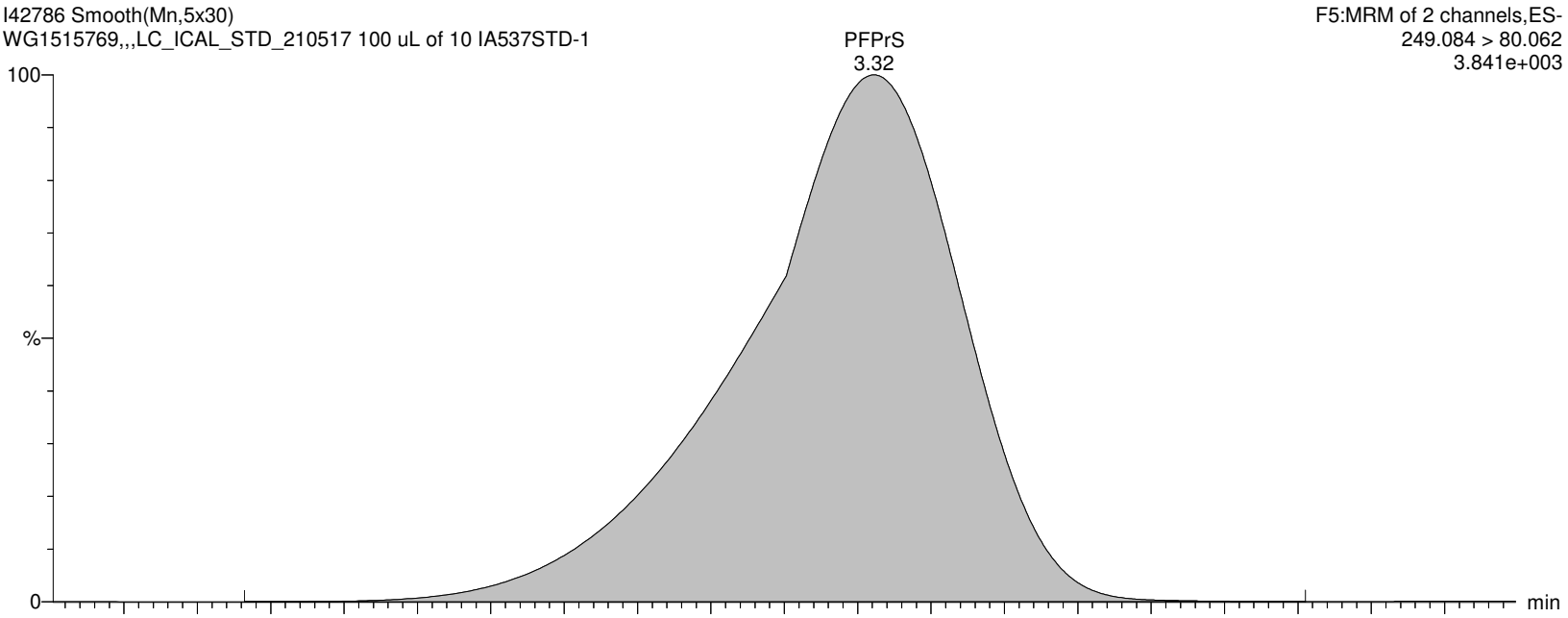


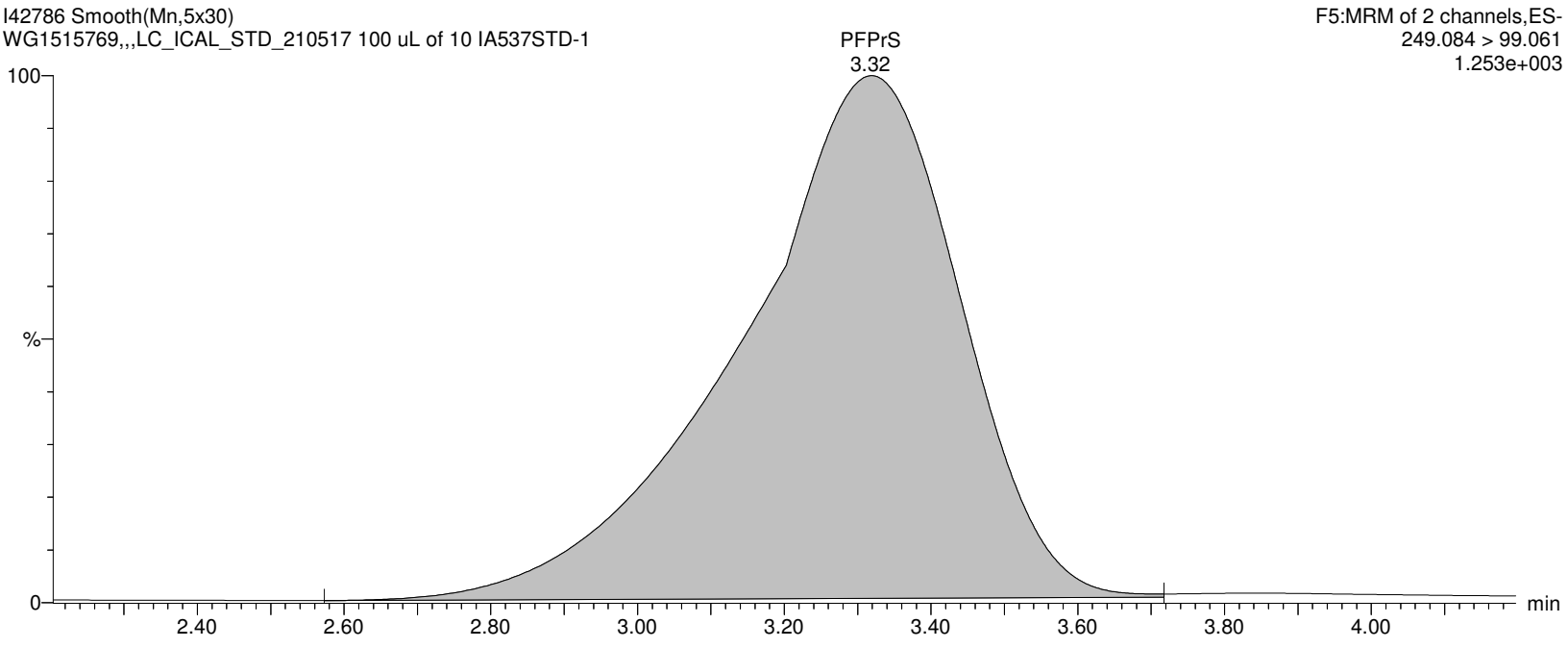
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPrS



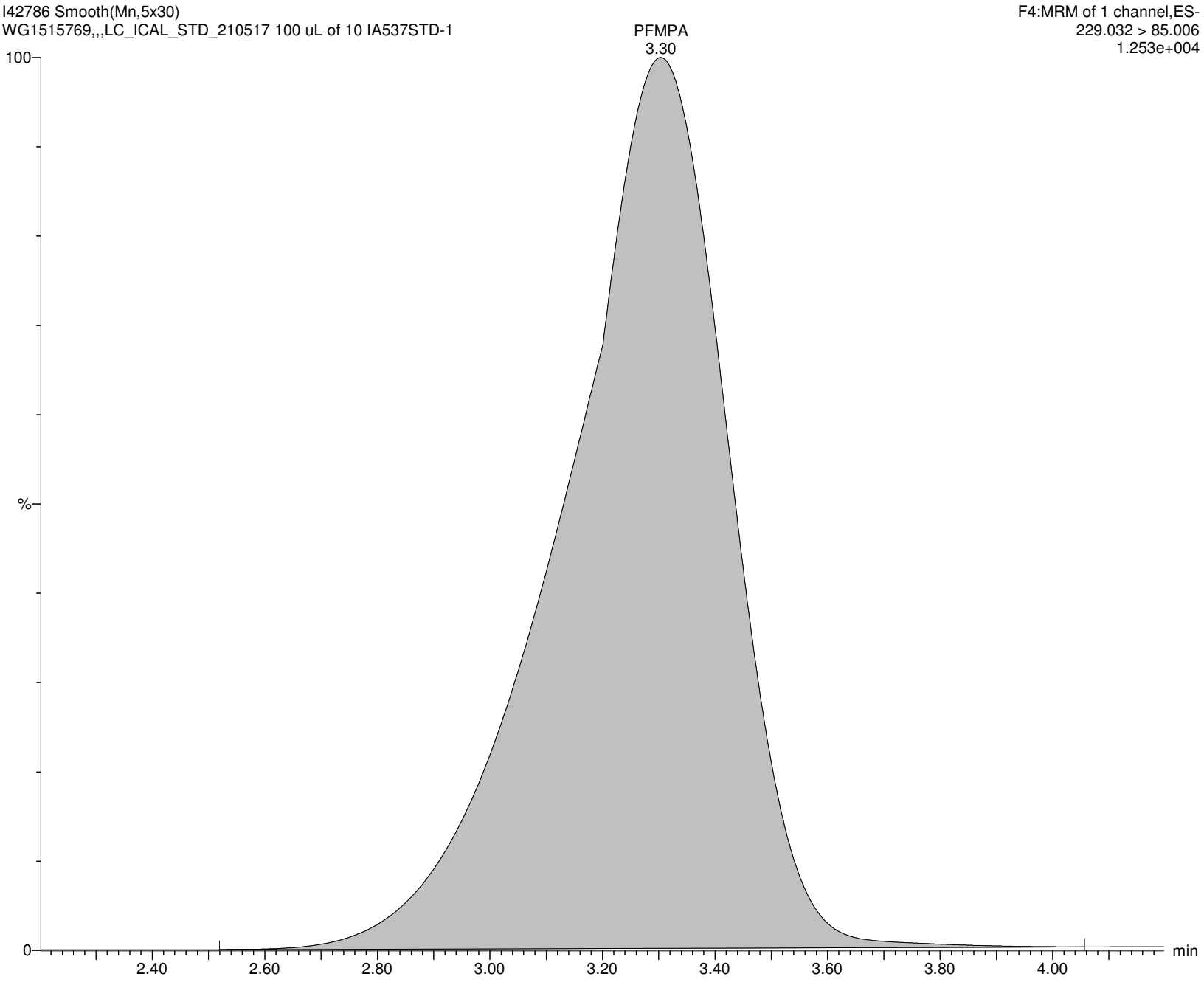


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFMPA

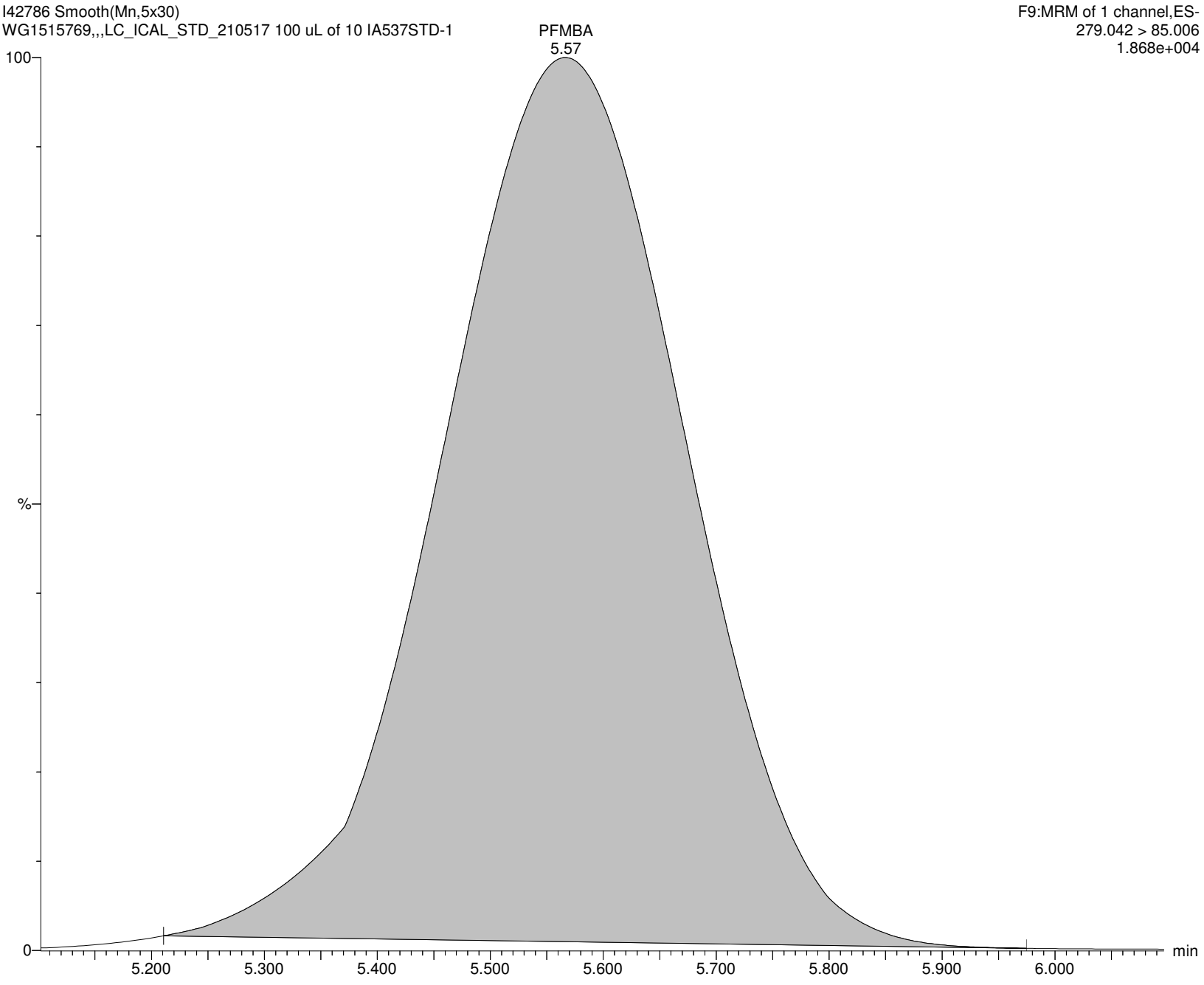


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFMBA

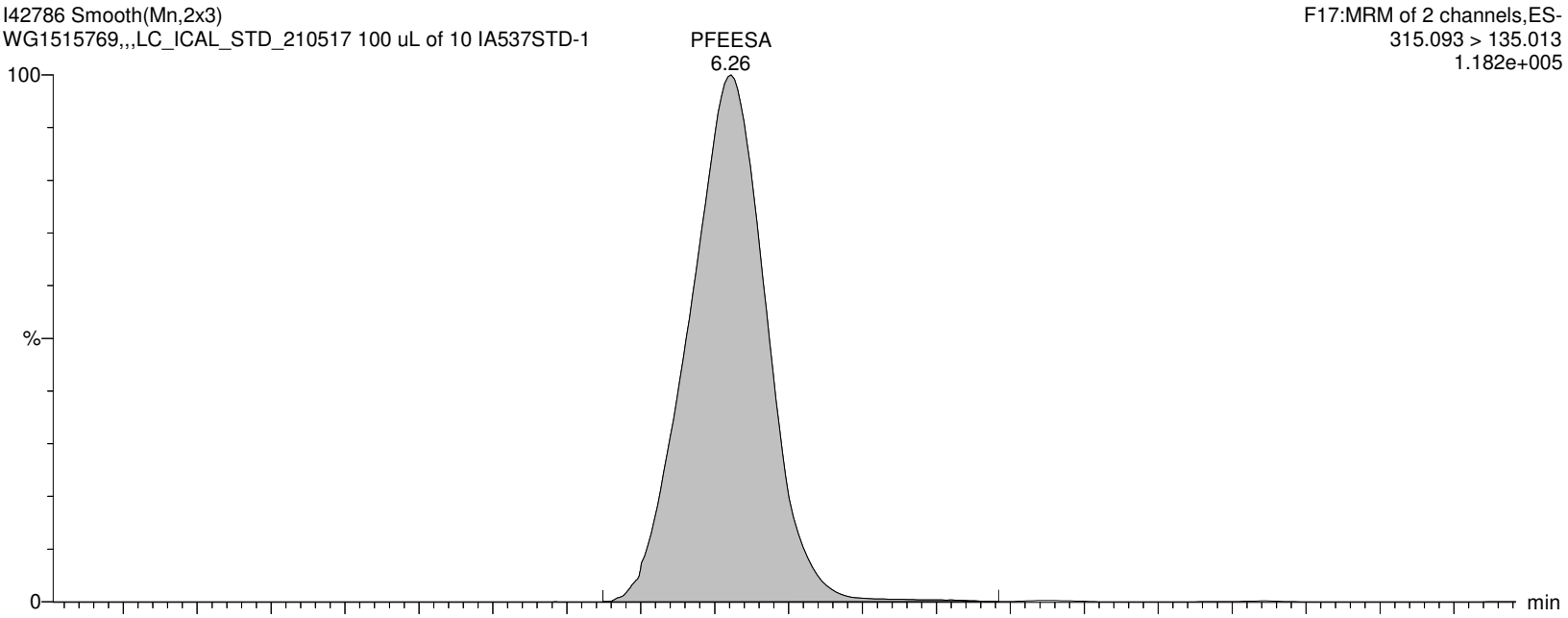


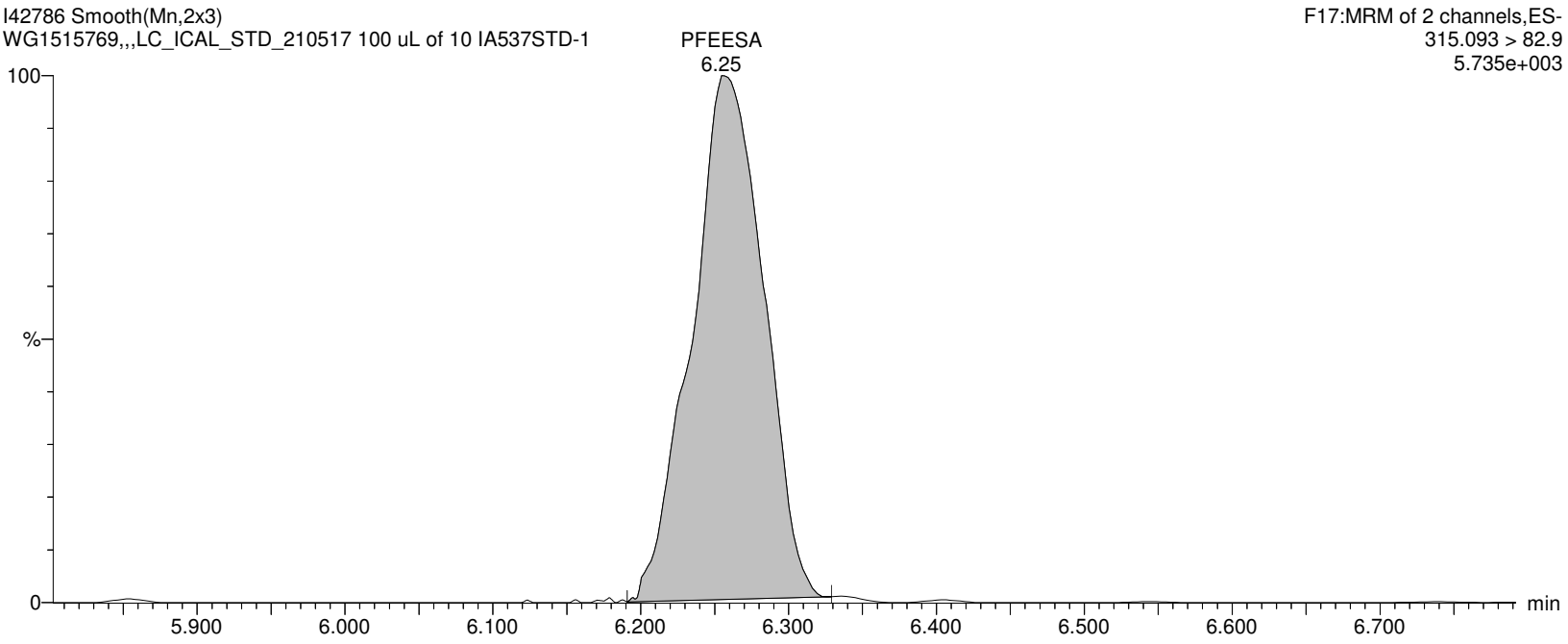
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFEESA



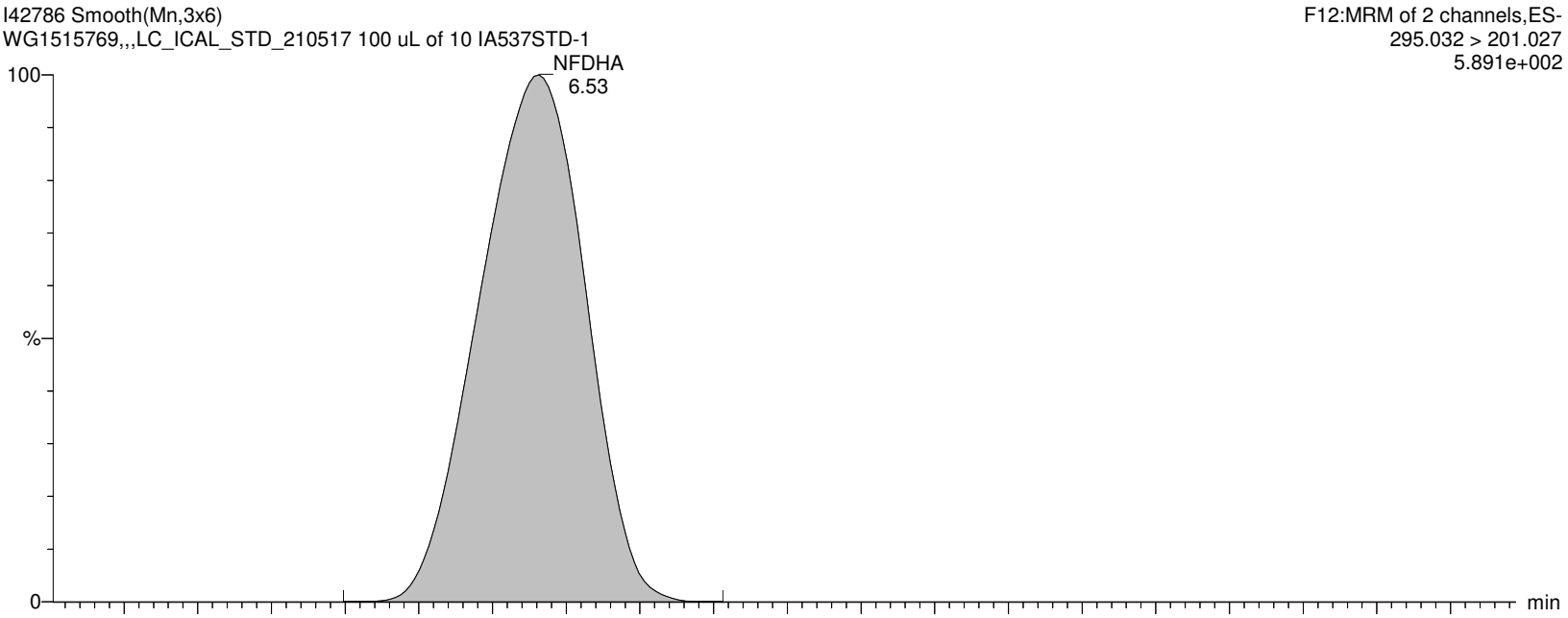


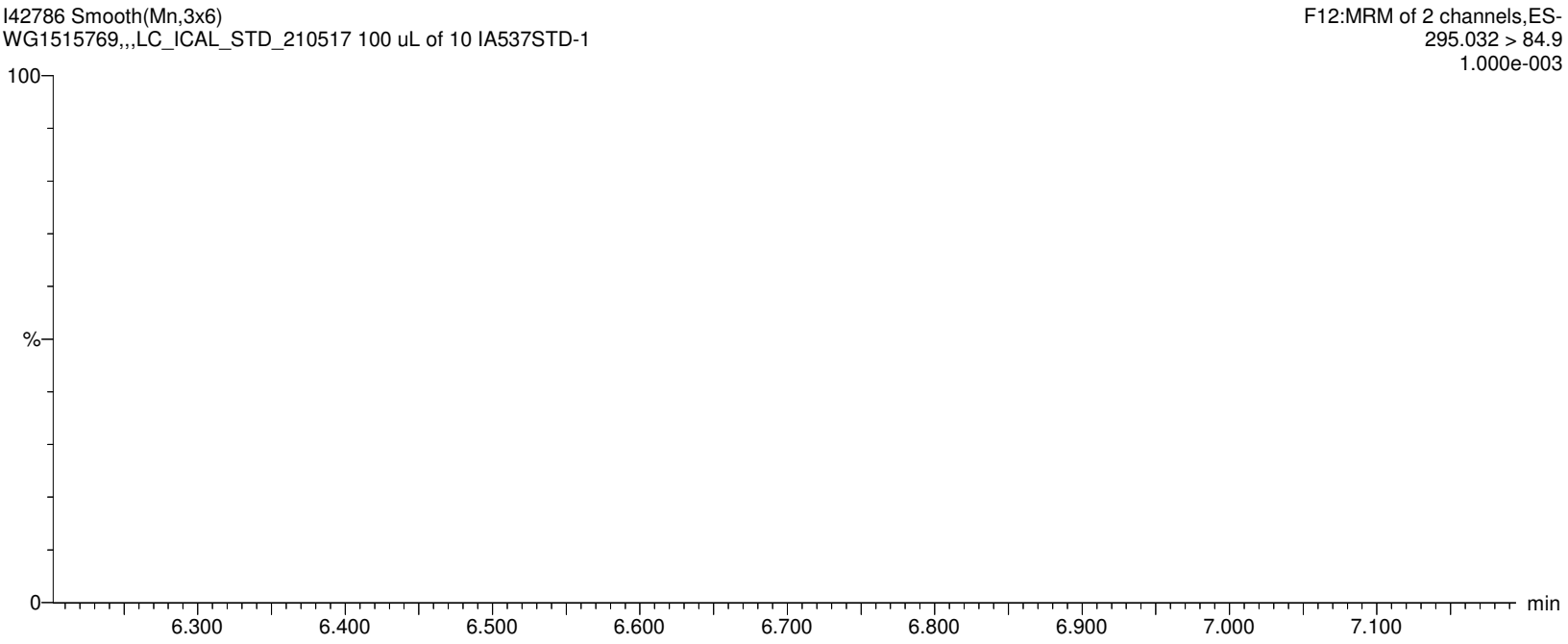
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NFDHA





all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\MethDB\537ISO_Q_210625_TOP_RT.mdb 22 Jun 2021 09:28:25
Calibration: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

ID: IA537STD-2
Name: I42787
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	1.97	213.032 > 169.022	10011		1.859		na	92.9
2	M3PFBA	INT STD	1.97	216.009 > 171.999	54195		10.323		na	103.2
3	MPFBA	INT STD	1.97	217.001 > 171.999	60513		10.384		na	103.8
4	PFPeA	2706-90-3	4.85	263.039 > 219.03	11881		1.871		na	93.6
5	M5PFPEA	INT STD	4.85	268.001 > 222.999	67488		10.554		na	105.5
6	PFBS	375-73-5	5.51	299.092 > 80.062	2418		1.631	1.80	NO	92.1
7	M3PFBS	INT STD	5.51	302.069 > 80.062	13650		10.332		na	103.3
8	4:2FTS	757124-72-4	6.67	327.146 > 307.139	899		1.858	2.69	NO	99.3
9	M2-4:2FTS	INT STD	6.67	329.13 > 309.124	4949		9.349		na	93.5
10	PFHxA	307-24-4	6.74	313.047 > 269.037	14613		1.936	14.86	NO	96.8
11	M5PFHxA	INT STD	6.74	318.009 > 273.007	71122		10.349		na	103.5
12	PFPeS	2706-91-4	7.07	349.1 > 80.062	2803		2.020	2.27	NO	107.4
13	PFHpA	375-85-9	8.02	363.055 > 319.045	20256		1.868	5.54	NO	93.4
14	M4PFHpA	INT STD	8.02	367.025 > 322.022	107150		10.458		na	104.6
15	br-PFHxS	355-46-4	7.96	399.107 > 80.062	461	M5,M7	0.348	2.65	NO	102.5
16	L-PFHxS	355-46-4	8.19	399.107 > 80.062	2428		1.404	1.72	NO	94.9
17	PFHxS	355-46-4		399.107 > 80.062	2890		1.752		na	
18	M3PFHxS	INT STD	8.19	402.084 > 80.062	15851		10.581		na	105.8
19	br-PFOA	335-67-1		413.063 > 369.053			ND		YES	
20	L-PFOA	335-67-1	8.97	413.063 > 369.053	22186		1.949	8.68	NO	97.4
21	PFOA	335-67-1		413.063 > 369.053	22186		1.949		na	
22	M8PFOA	INT STD	8.96	421.002 > 376.	118134		10.353		na	103.5
23	M2PFOA	INT STD	8.97	415.048 > 370.045	112390		10.612		na	106.1
24	6:2FTS	27619-97-2	8.93	427.161 > 407.155	906		1.752	3.80	NO	92.2
25	M2-6:2FTS	INT STD	8.93	429.146 > 409.14	5237		9.637		na	96.4
26	PFHpS	375-92-8	9.07	449.115 > 80.062	1797		1.794	1.01	NO	94.4
27	PFNA	375-95-1	9.72	463.071 > 419.061	16262		1.870	3.82	NO	93.5
28	M9PFNA	INT STD	9.72	472.002 > 427.	34813		10.622		na	106.2
29	br-PFOS	1763-23-1	9.59	499.123 > 80.062	623	M5,M7	0.410	4.15	NO	102.5
30	L-PFOS	1763-23-1	9.78	499.123 > 80.062	1883	M7	1.528	1.67	NO	104.6
31	PFOS	1763-23-1		499.123 > 80.062	2506		1.938		na	
32	M4PFOS	INT STD	9.78	503.093 > 80.062	11974		10.579		na	105.8
33	M8PFOS	INT STD	9.78	507.062 > 80.062	13980		10.419		na	104.2
34	PFDA	335-76-2	10.35	513.078 > 469.069	14172		1.776	5.42	NO	88.8
35	M2PFDA	INT STD	10.35	515.053 > 469.934	67588		11.080		na	110.8
36	M6PFDA	INT STD	10.35	519.033 > 474.03	80192		10.453		na	104.5
37	8:2FTS	39108-34-4	10.34	527.177 > 507.171	534		2.144	5.61	NO	111.7
38	M2-8:2FTS	INT STD	10.34	529.162 > 509.155	3836		9.600		na	96.0
39	PFNS	68259-12-1	10.38	549.131 > 80.062	2045		1.894	1.42	NO	98.6

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

ID: IA537STD-2
Name: I42787
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.76	573.22 > 419.061	6724		9.300		na	93.0
41	br-NMeFOSAA		10.61	570.202 > 419.061	83	M5,M7	0.320	1.00	NO	66.6
42	L-NMeFOSAA		10.77	570.202 > 419.061	1084		1.480	2.52	NO	97.4
43	NMeFOSAA	2355-31-9		570.202 > 419.061	1168		1.800		na	
44	PFUnA	2058-94-8	10.88	563.086 > 519.076	14313		1.769	9.35	NO	88.4
45	M7-PFUDA	INT STD	10.88	570.033 > 525.031	80222		11.213		na	112.1
46	PFDS	335-77-3	10.90	599.139 > 80.062	2274		1.959	1.66	NO	101.5
47	FOSA	754-91-6	10.95	498.146 > 78.07	6796	M7	1.909	352.06	YES	95.5
48	M8FOSA	INT STD	10.95	506.077 > 78.07	41572		10.009		na	100.1
49	br-NEtFOSAA		10.92	584.229 > 419.061	72	M5,M7	0.384	0.54	NO	85.2
50	L-NEtFOSAA		11.07	584.229 > 419.061	810		1.463	1.19	NO	94.4
51	NEtFOSAA	2991-50-6		584.229 > 419.061	882		1.847		na	
52	d5-NEtFOSAA	INT STD	11.06	589.259 > 419.061	5611		9.391		na	93.9
53	PFDoA	307-55-1	11.35	613.094 > 569.084	14043		1.869	19.18	NO	93.4
54	MPFDOA	INT STD	11.35	615.079 > 570.077	71551		10.366		na	103.7
55	PFTrDA	72629-94-8	11.76	663.102 > 619.092	12725		2.381	12.81	NO	119.0
56	PFTA	376-06-7	12.11	713.11 > 669.1	7788		1.880	8.99	NO	94.0
57	M2PFTEDA	INT STD	12.11	715.094 > 670.092	21281		9.830		na	98.3
58	M3HFPO-DA	INT STD	7.17	287.02 > 169.022	8083		254.180		na	127.1
59	HFPO-DA	13252-13-6	7.16	285.035 > 169.022	681		17.356	4.69	NO	86.8
60	ADONA	958445-44-8	8.20	377.06 > 251.028	18223		1.943	43.73	NO	102.6
61	PFHxDA		12.63	813.122 > 769.116	4329		2.121	22.15	NO	106.0
62	PFODA		12.86	913.411 > 869.131	477	M4	1.910	23.12	NO	95.5
63	M2PFHxDA		12.63	815.102 > 770.108	30879		9.737		na	97.4
64	PFDoS		11.75	699.154 > 80.062	1449		1.911	2.36	NO	95.6
65	M2D4-10:2FTS		11.36	633.201 > 612.189	4470	M4	21.131		na	106.9
66	10:2FTS		11.36	627.192 > 607.186	467	M2,M7	1.779	2.08	NO	92.3
67	9CL-PF3ONS		10.13	530.862 > 350.843	9277		1.649	2.63	NO	88.4
68	11CL-PFOUdS		11.16	630.862 > 450.854	8783		1.686	3.06	NO	89.5
69	NMeFOSA		11.57	512.163 > 169.022	6809		9.526	1.62	NO	95.3
70	d3-NMeFOSA		11.56	515.183 > 169.022	88272		103.734		na	103.7
71	NEtFOSA		11.88	526.192 > 169.022	7591		10.034	4.79	NO	100.3
72	d5-NEtFOSA		11.86	531.222 > 169.022	95392		100.981		na	101.0
73	NMeFOSE		11.57	615.8 > 59.045	8401		5.438		na	108.8
74	d7-NMeFOSE		11.56	622.84 > 59.045	71432		102.363		na	102.4
75	NEtFOSE		11.86	629.862 > 59.045	9777		5.340		na	106.8
76	d9-NEtFOSE		11.84	638.734 > 59.045	69283		98.320		na	98.3
77	M3PFPeA		4.85	266.017 > 222.007	73386		10.827		na	108.3
78	M2PFHxA		6.74	315.032 > 270.03	75606		10.956		na	109.6
79	M4PFOA		8.97	417.032 > 372.03	117142		11.016		na	110.2
80	PFPrS	423-41-6	3.32	249.084 > 80.062	2526		1.895	3.12	NO	103.4
81	PFMPA		3.30	229.032 > 85.006	7947		2.038		na	101.9
82	PFMBA		5.56	279.042 > 85.006	8806		2.018		na	100.9

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

ID: IA537STD-2
Name: I42787
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
83	PFEESA		6.25	315.093 > 135.013	13142		1.872	19.90	NO	105.2
84	NFDHA		6.52	295.032 > 201.027	95		1.961	43.49	NO	98.1

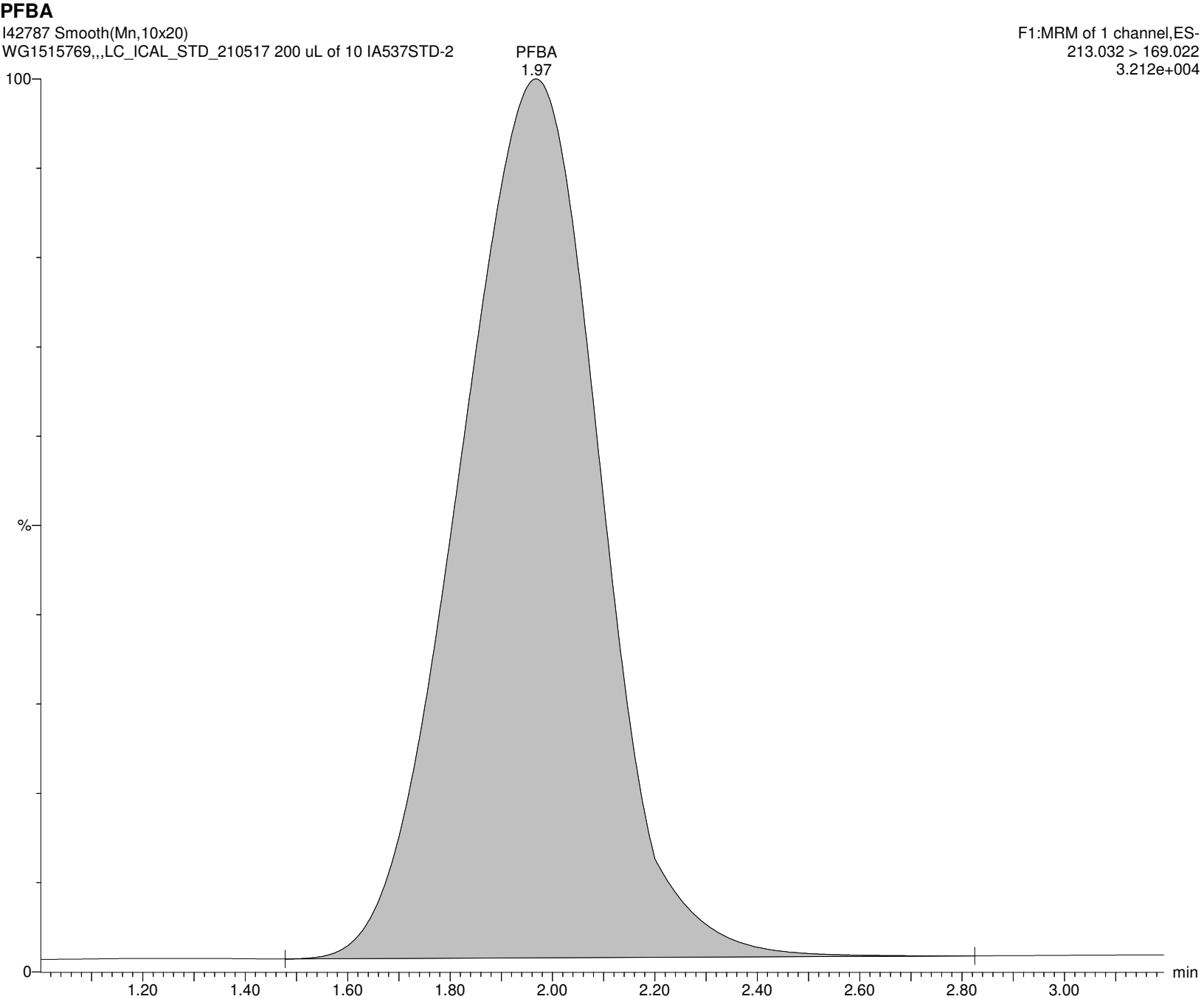
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\MethDB\537ISO_Q_210625_TOP_RT.mdb 22 Jun 2021 09:28:25
Calibration: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBA

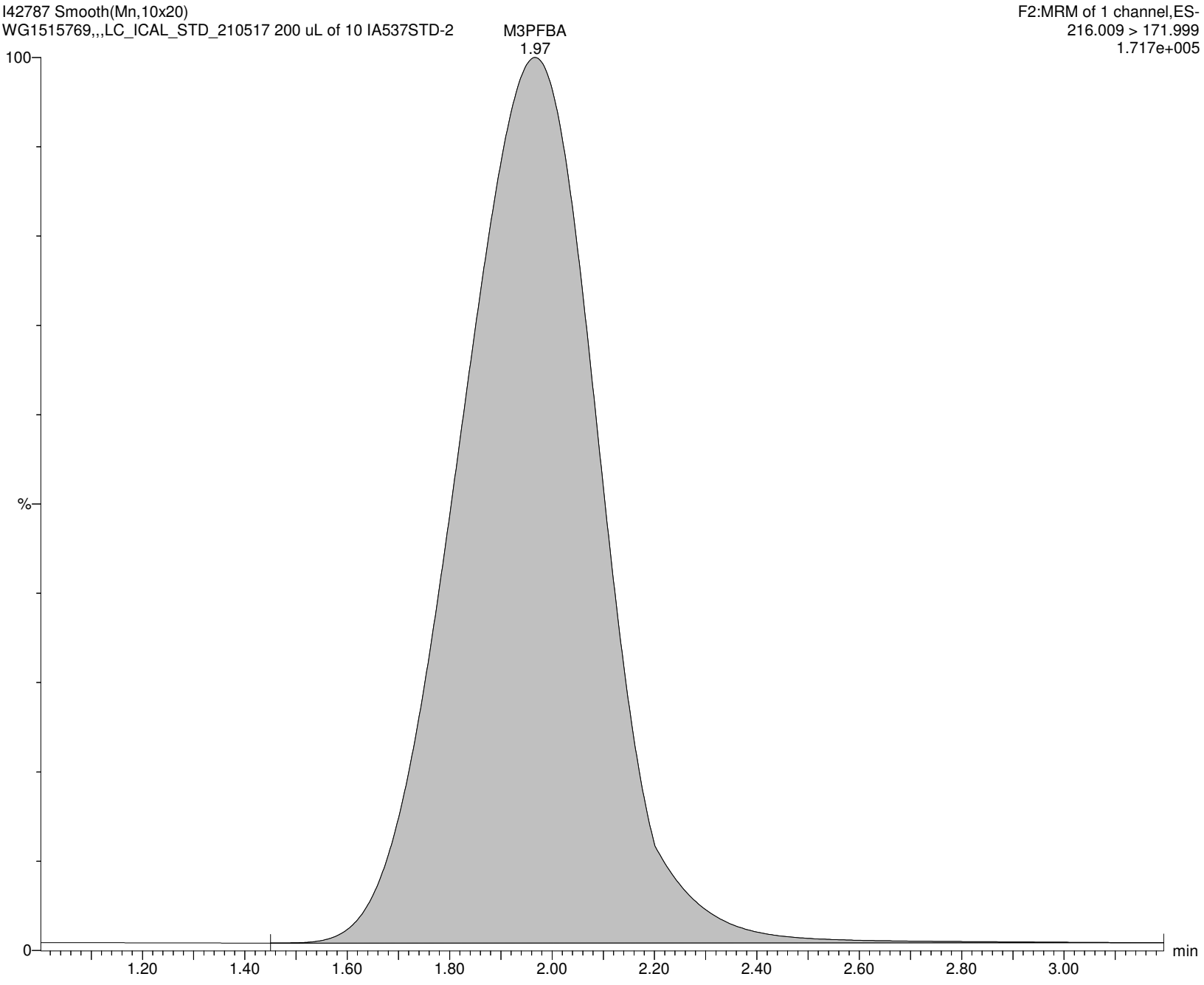


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBA

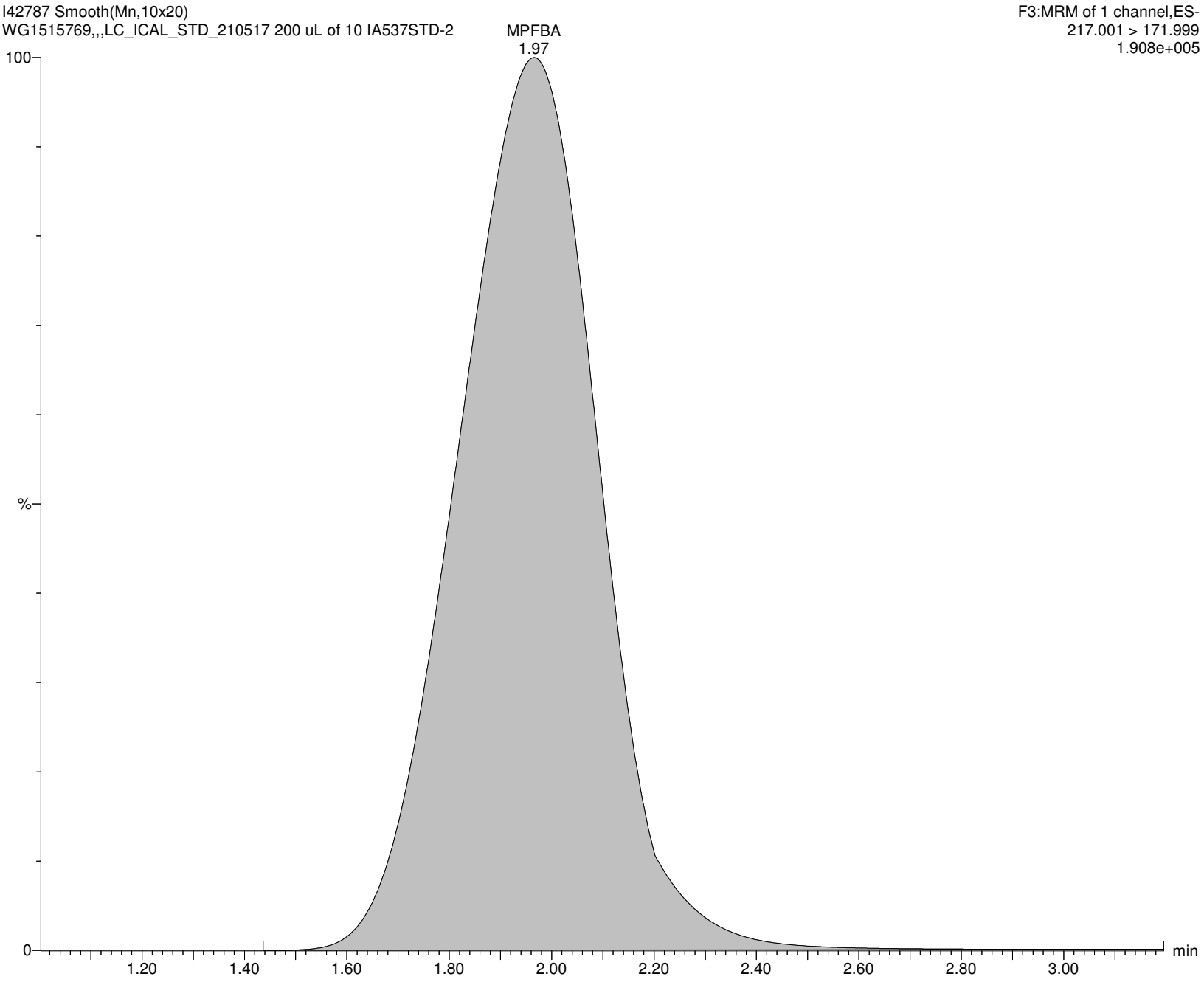


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFBA

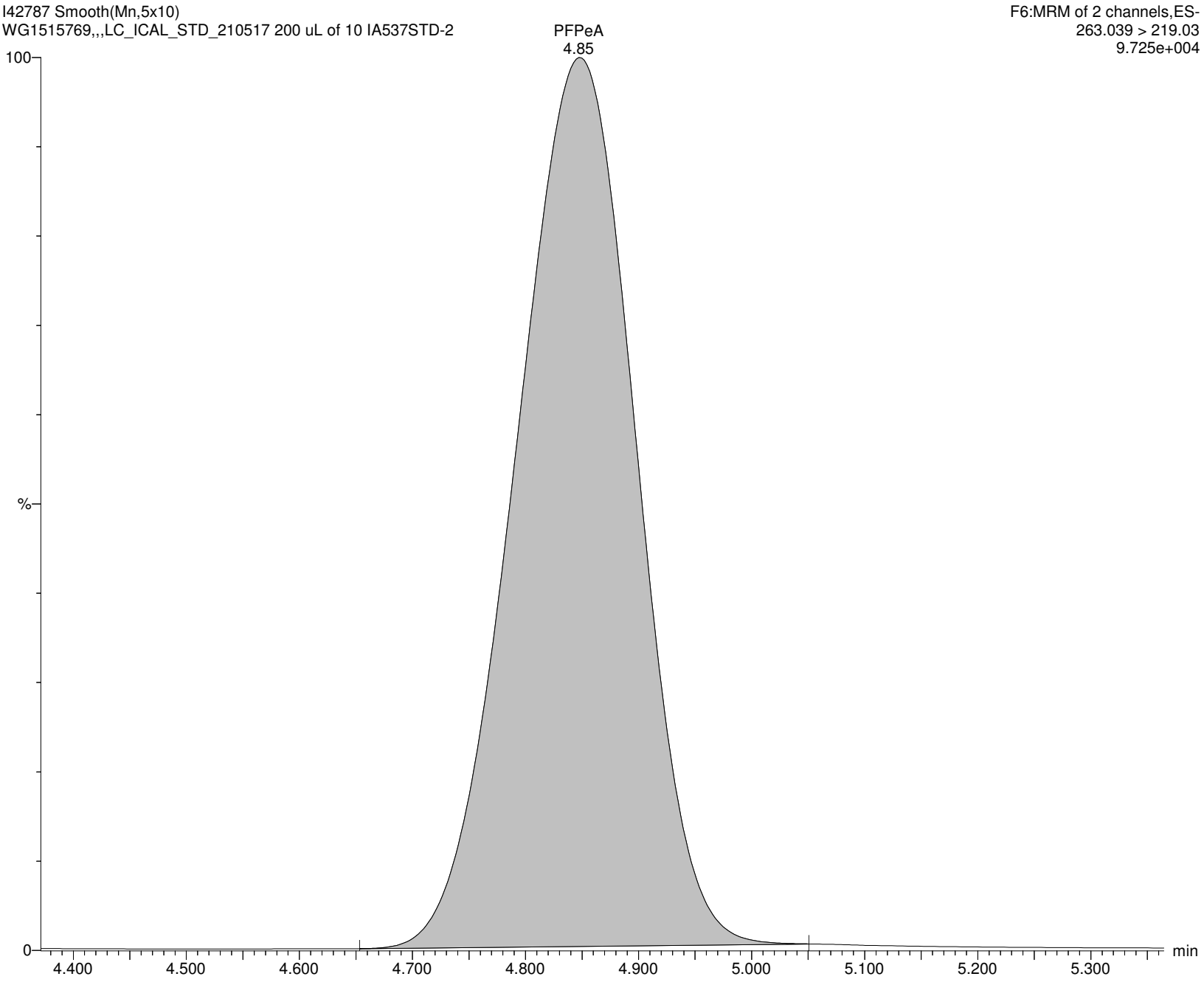


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeA

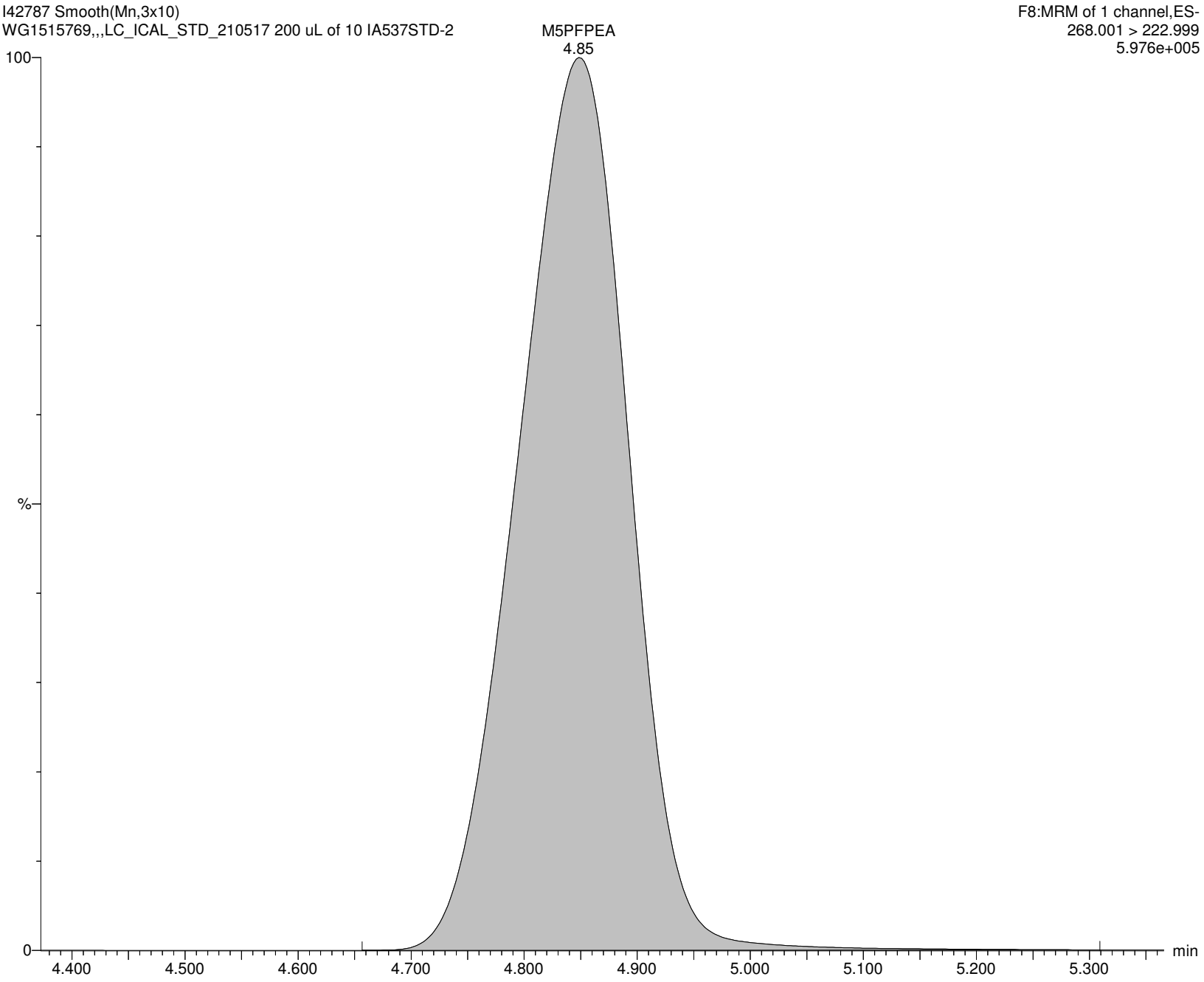


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFPEA

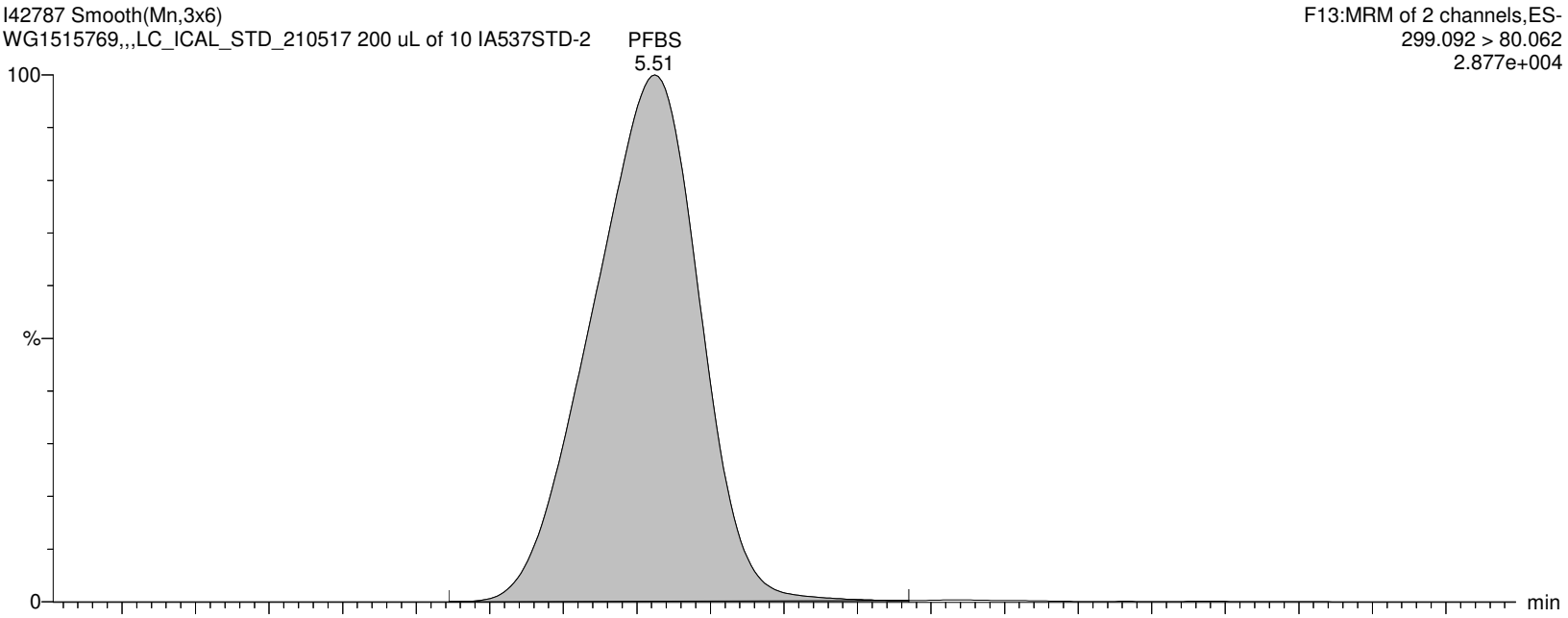


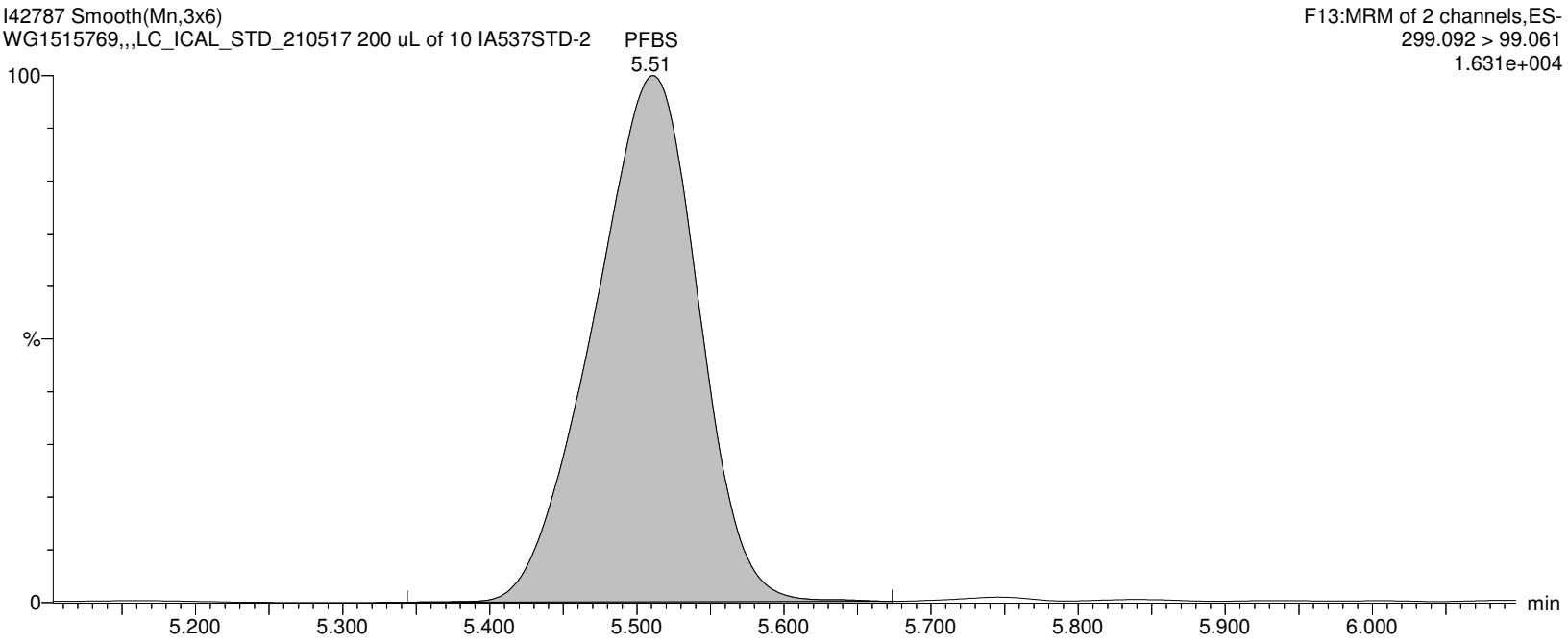
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBS



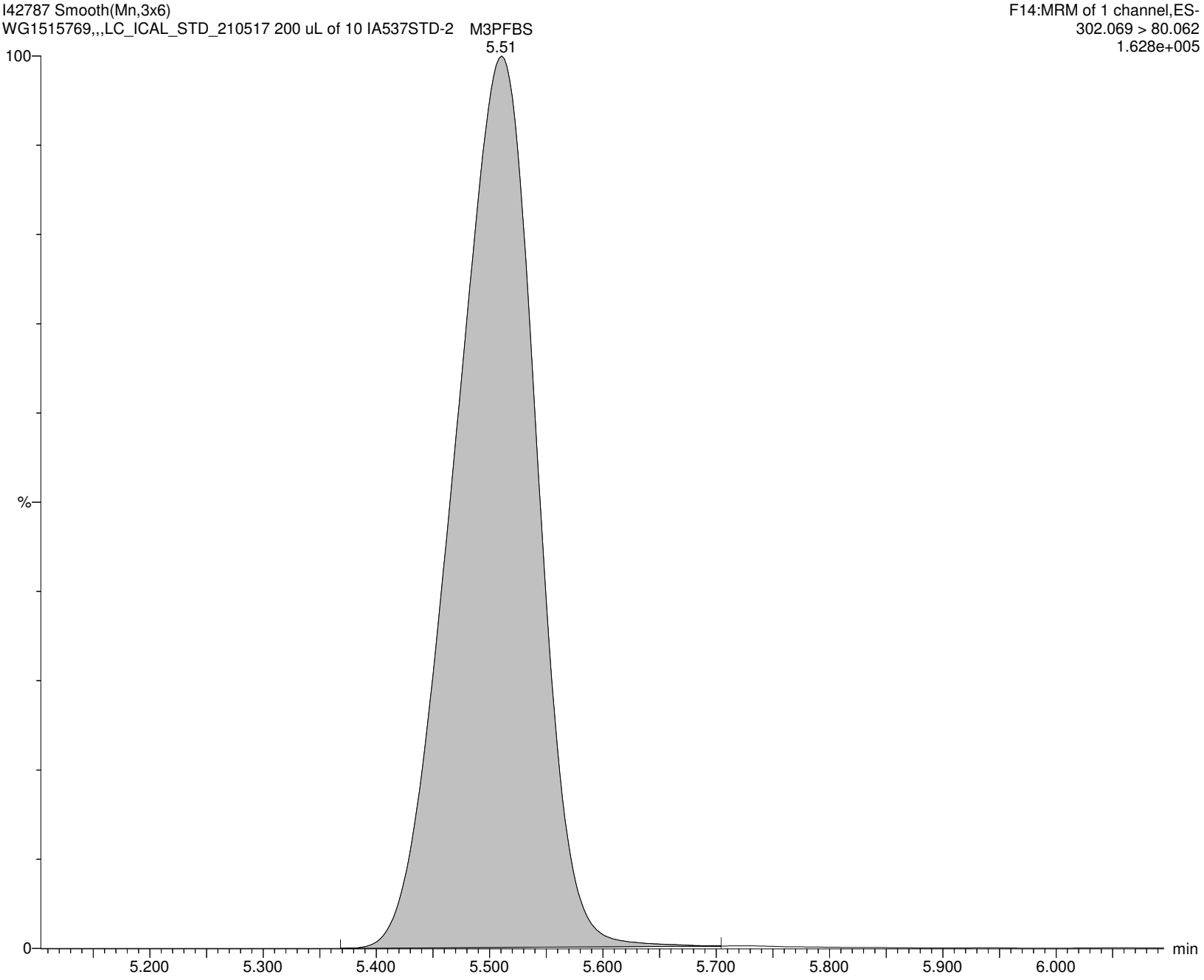


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBS

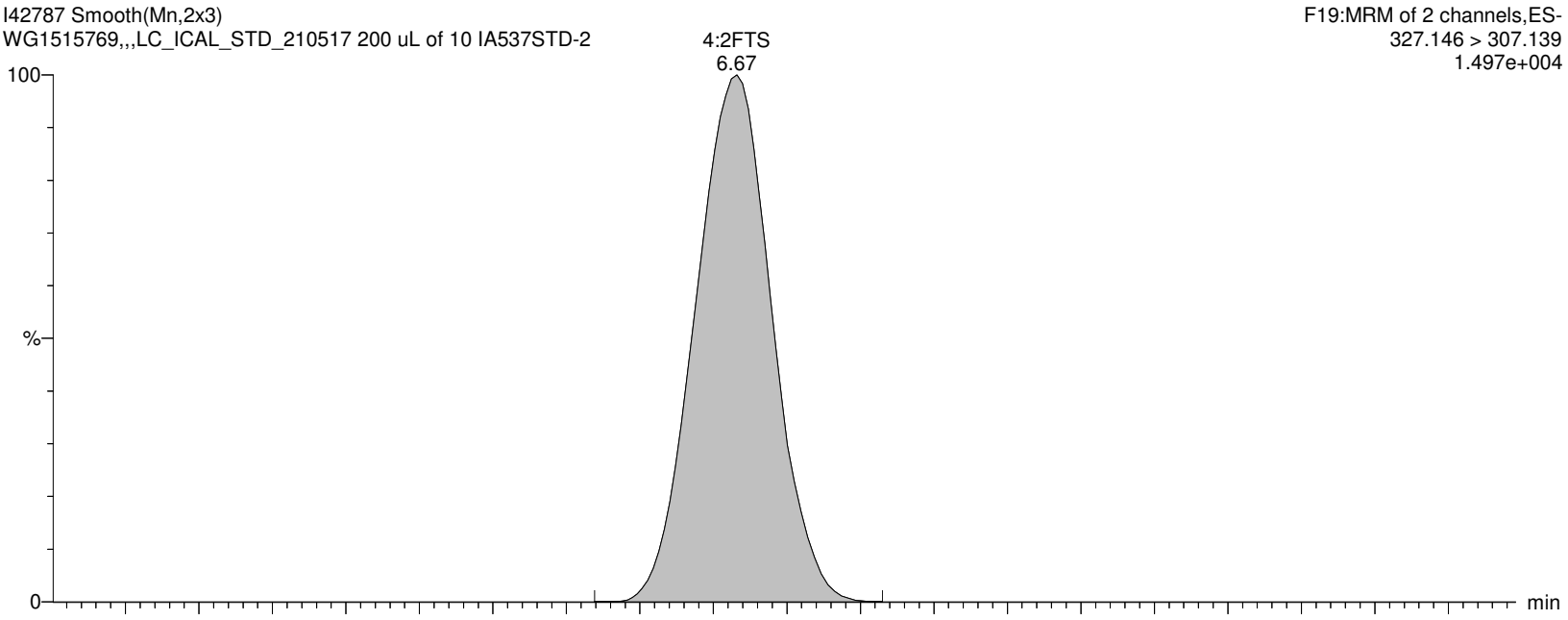


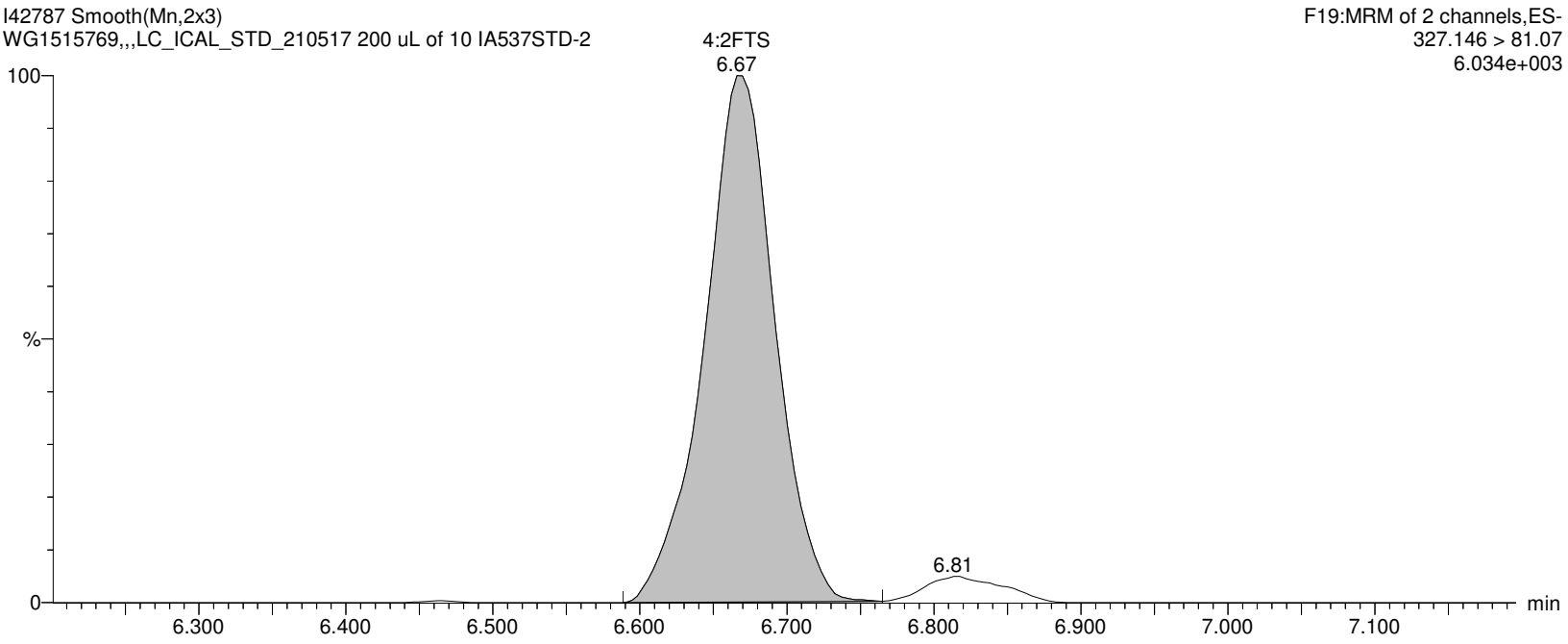
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

4:2FTS



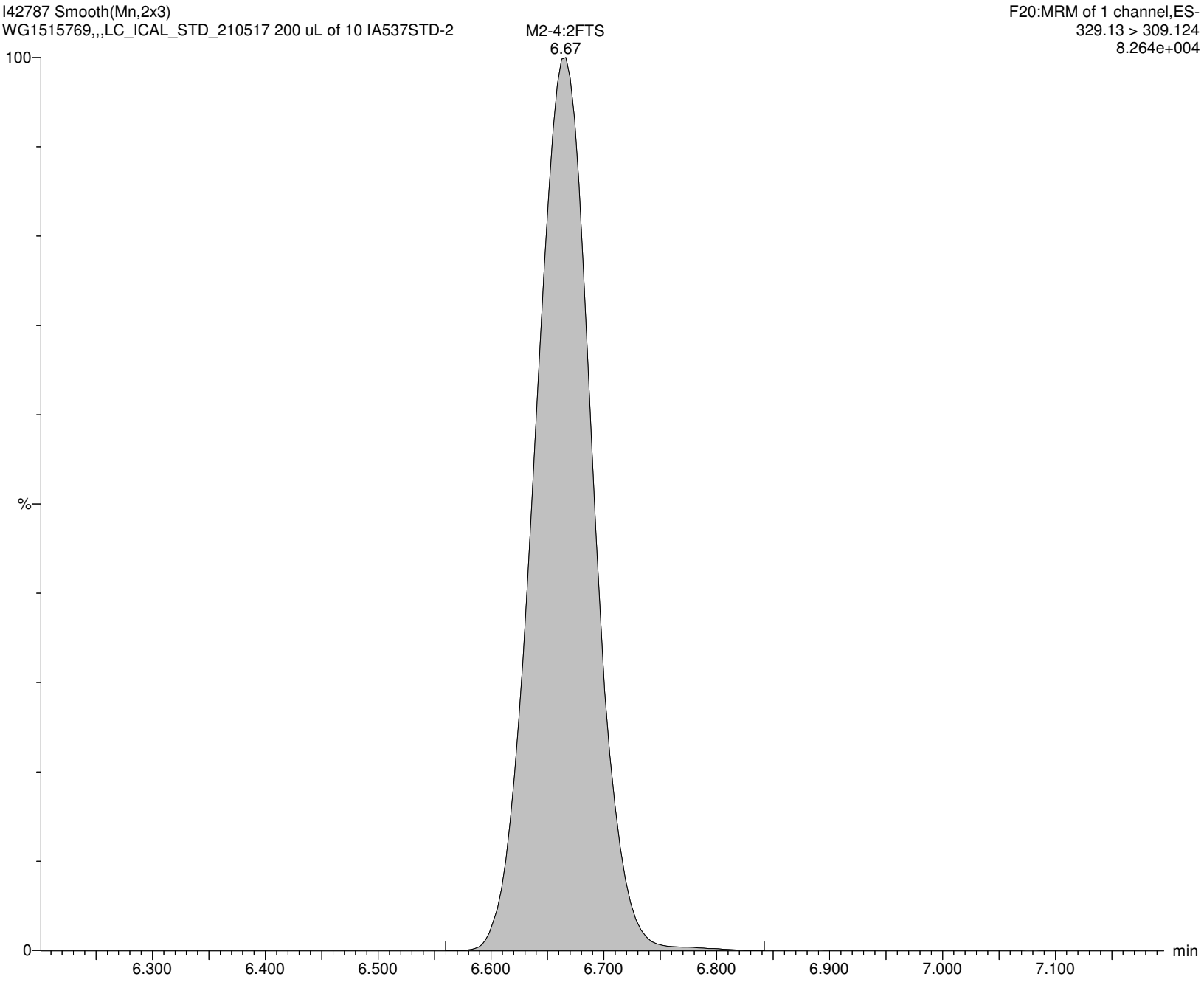


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-4:2FTS

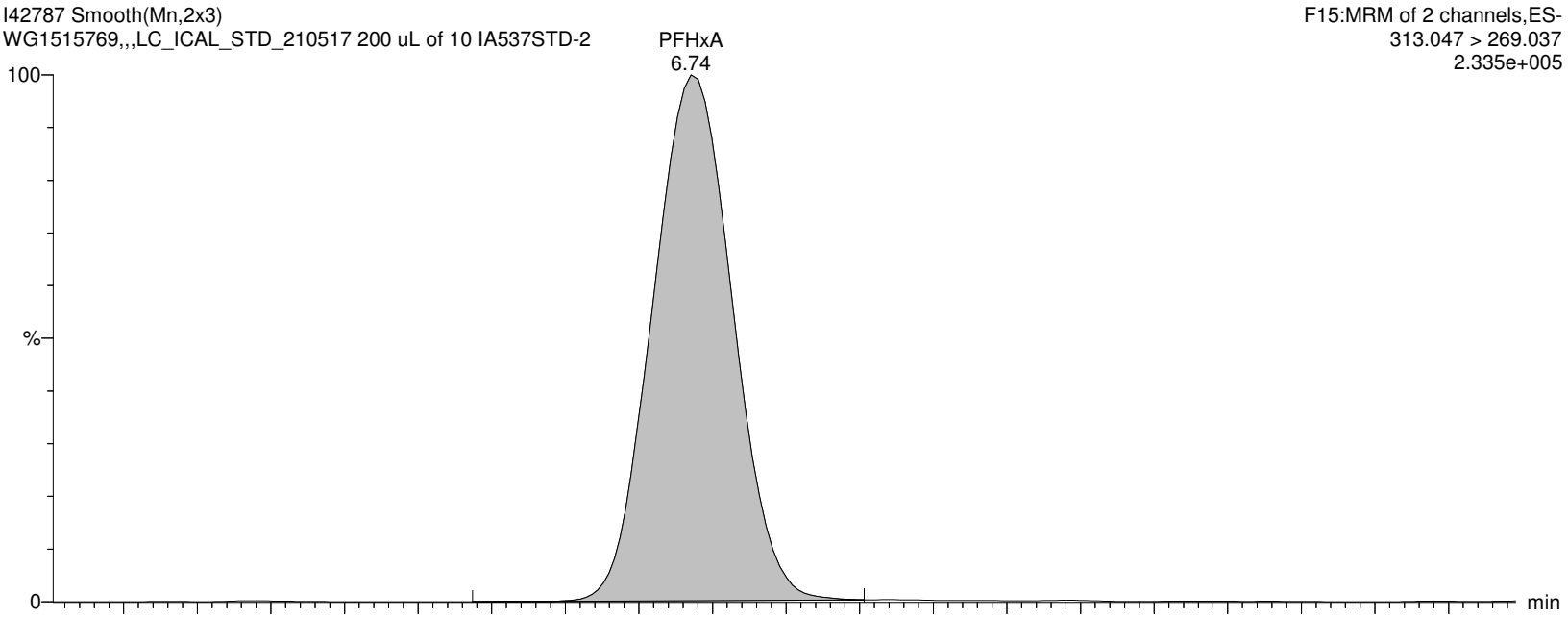


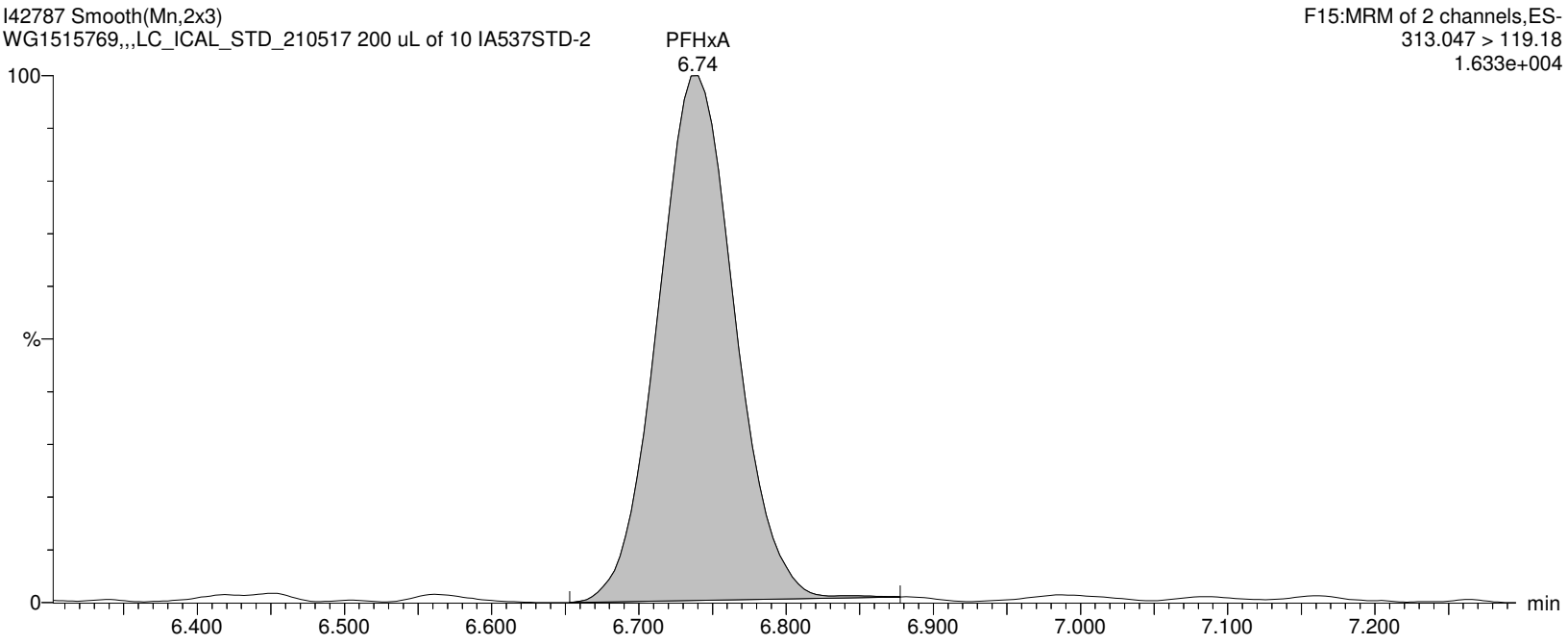
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxA



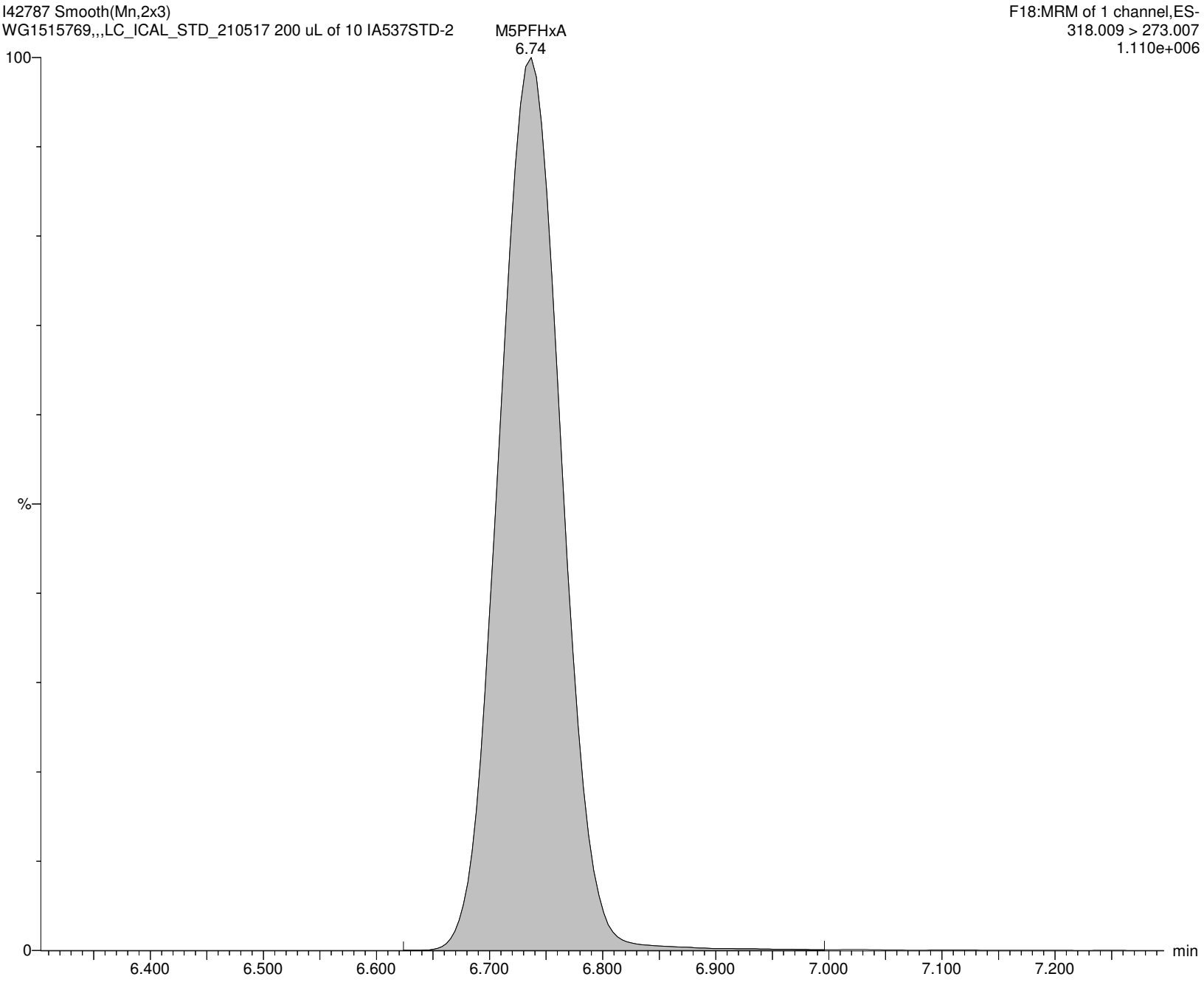


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFHxA

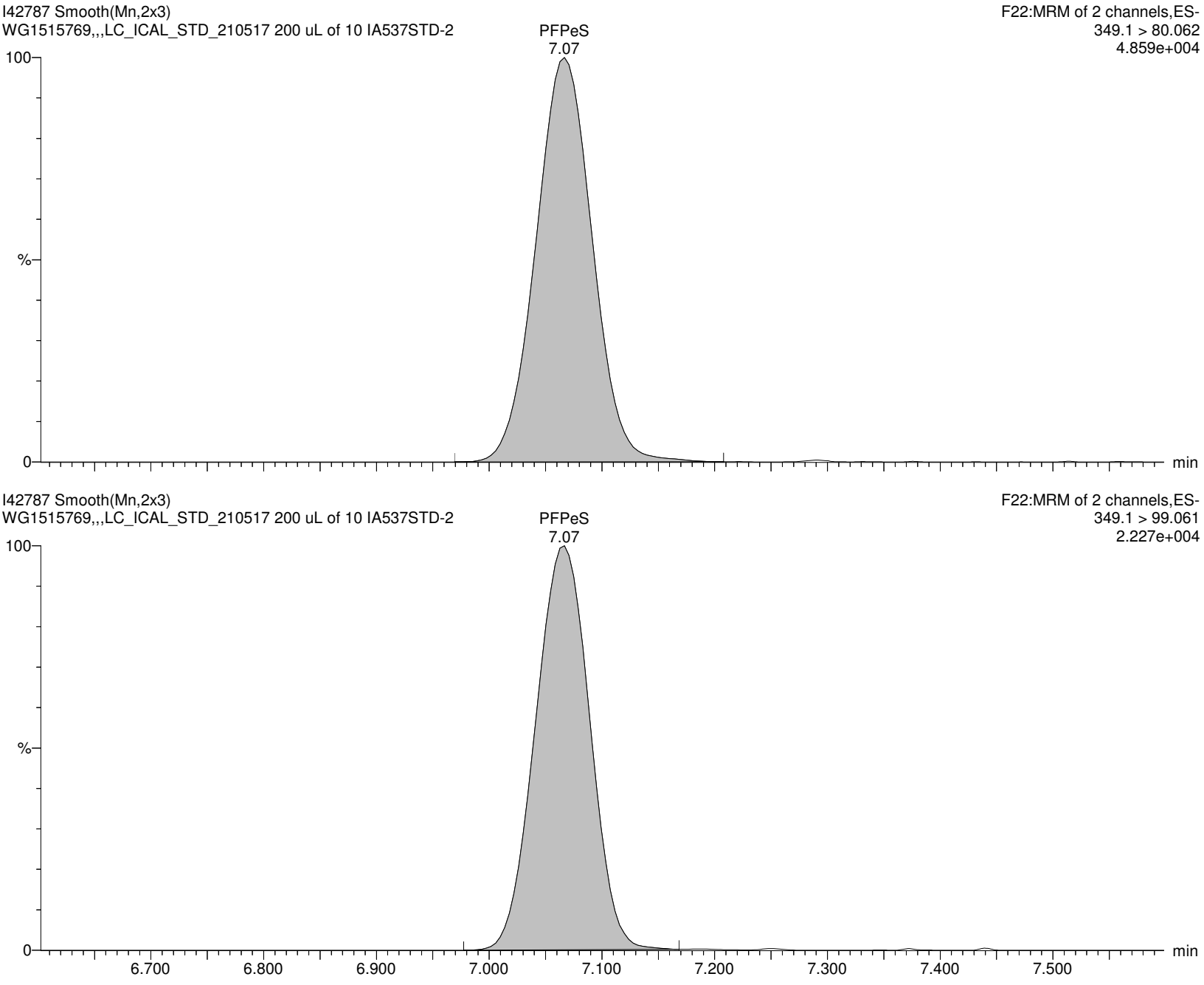


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeS

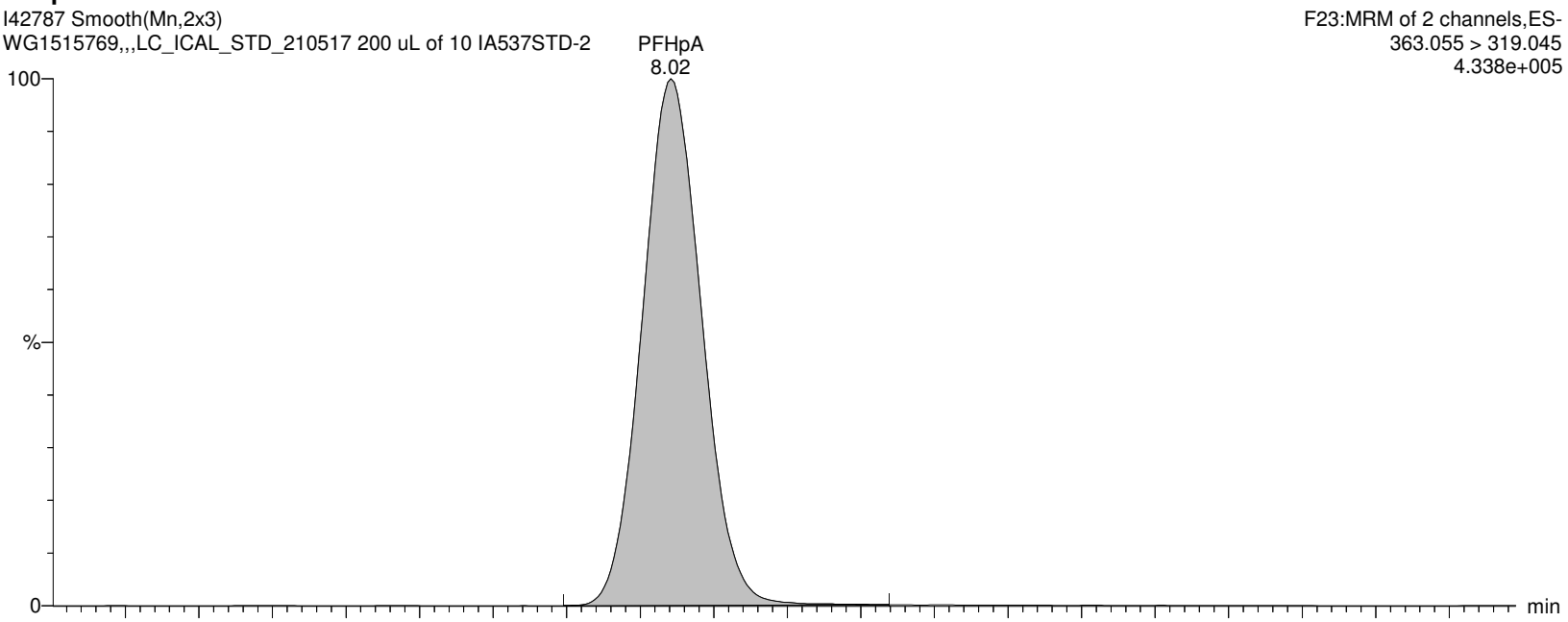


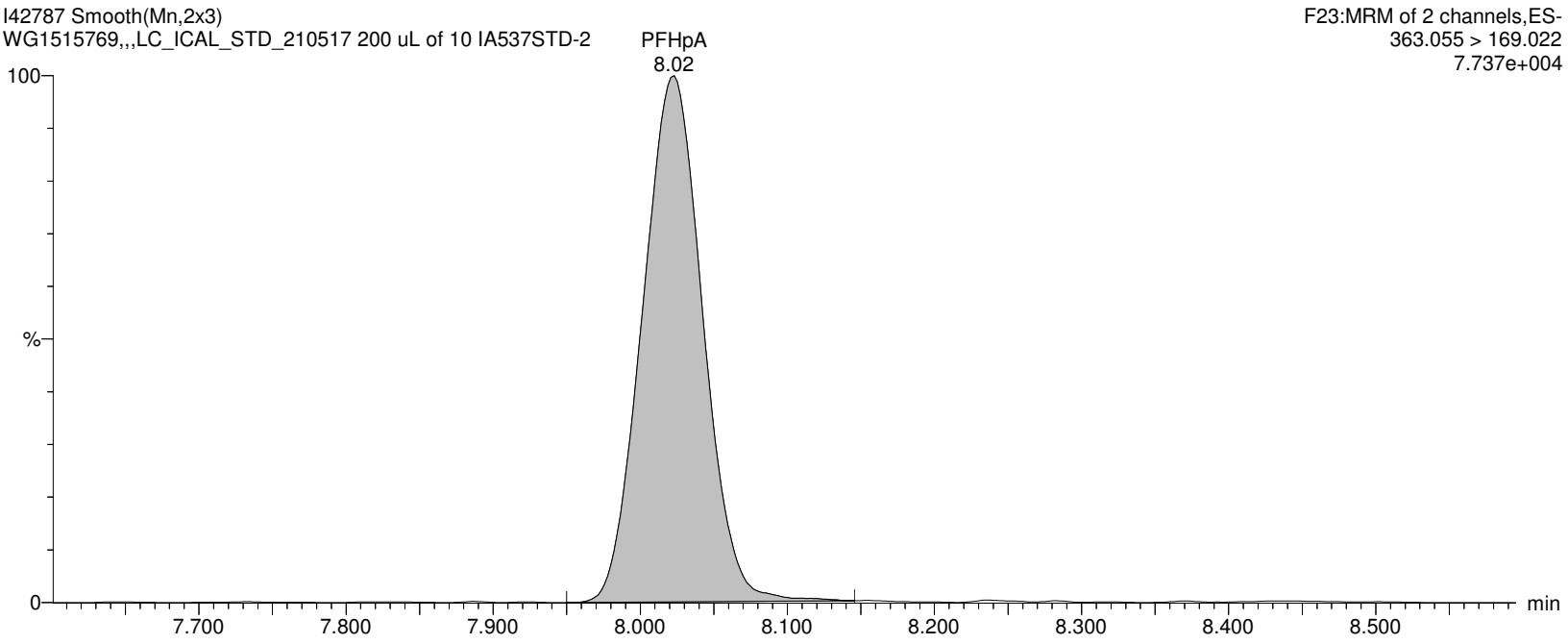
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpA



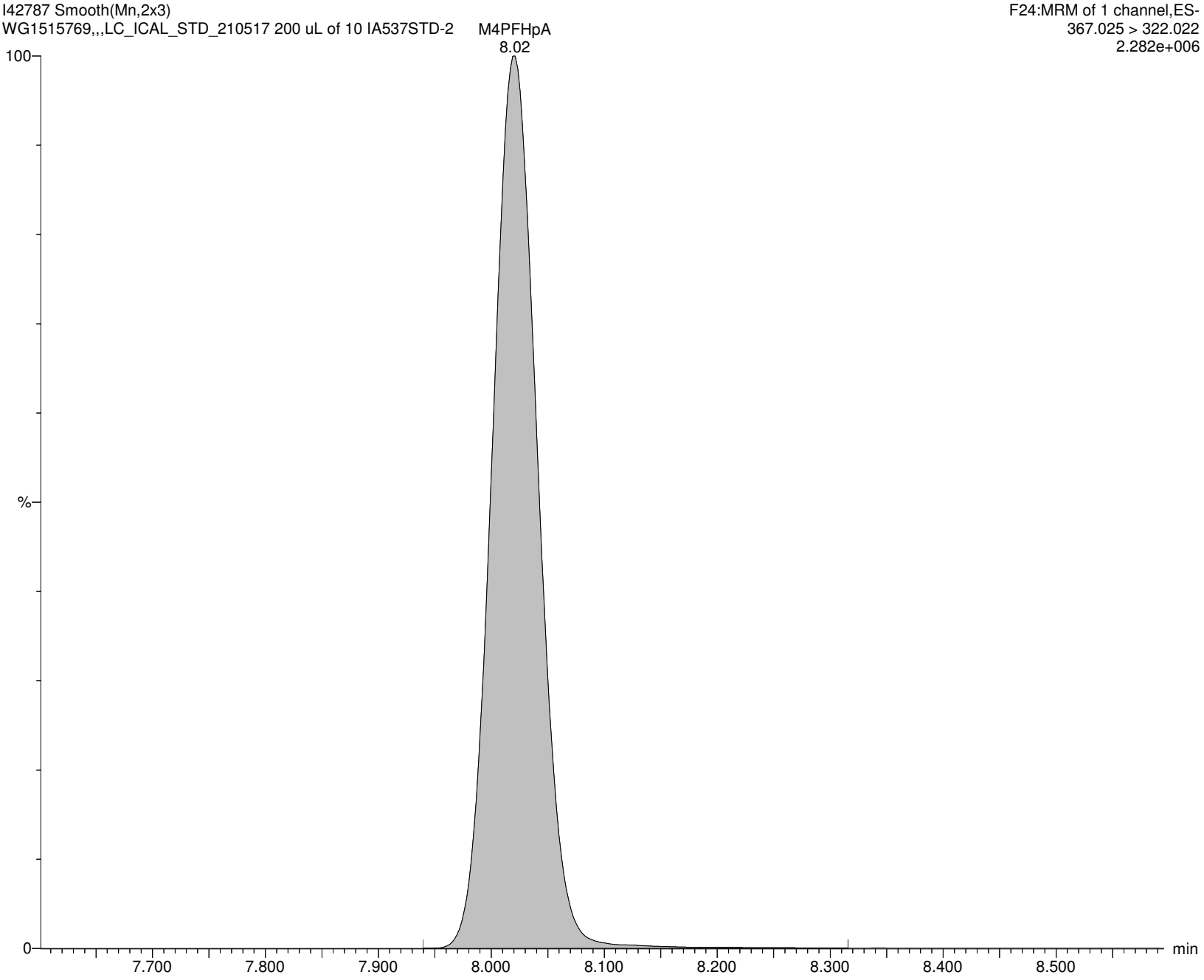


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFHpA

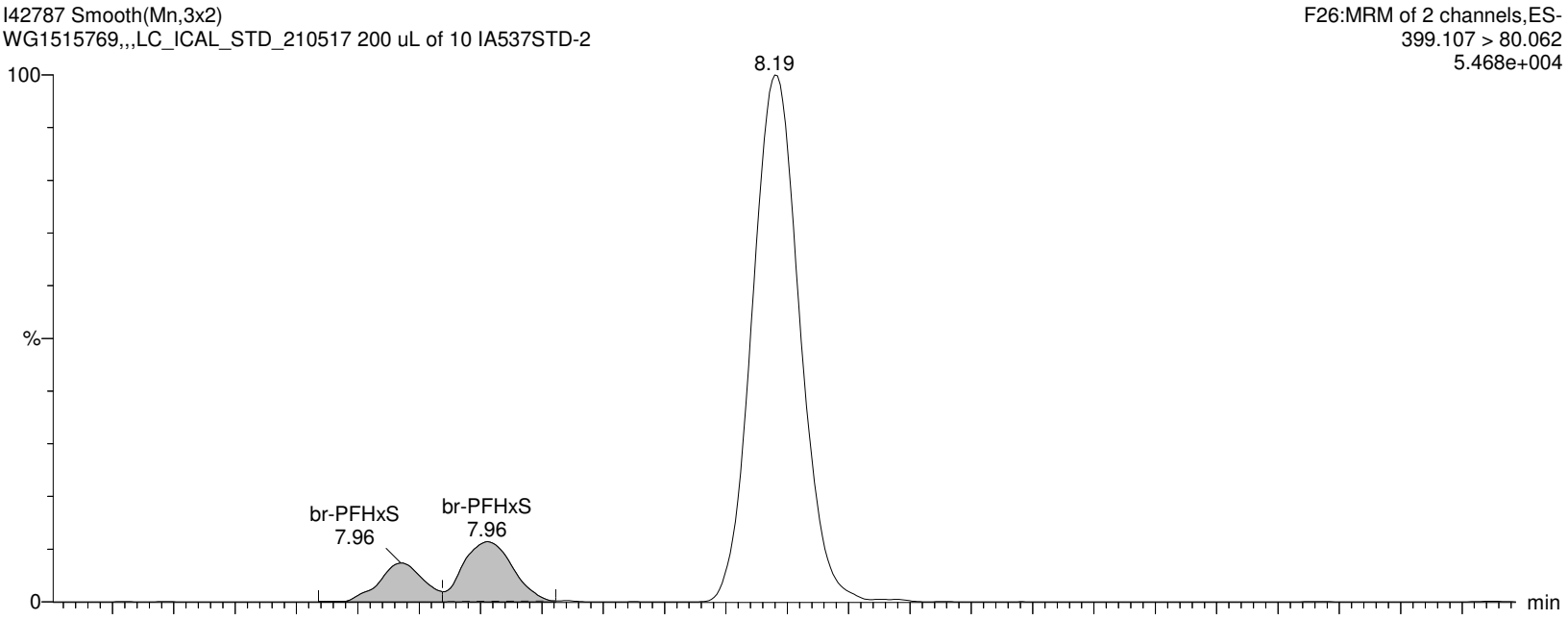


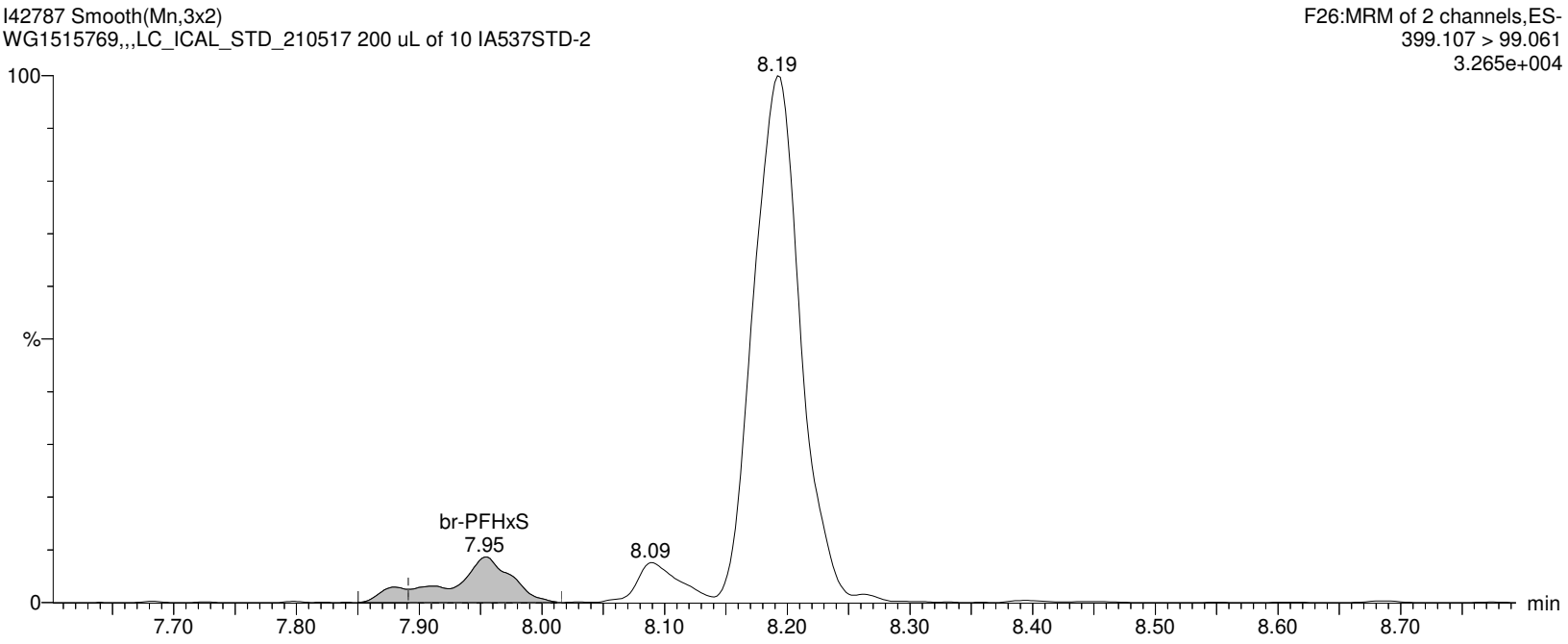
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFHxS



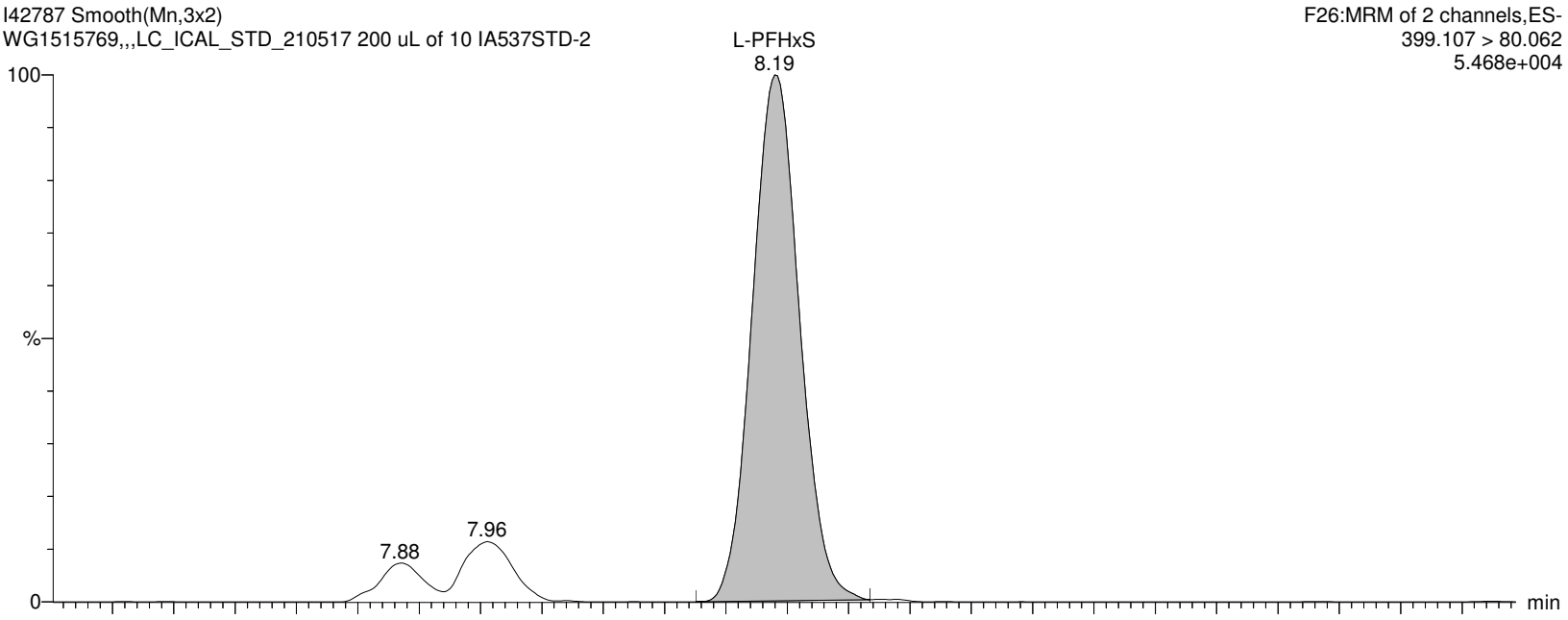


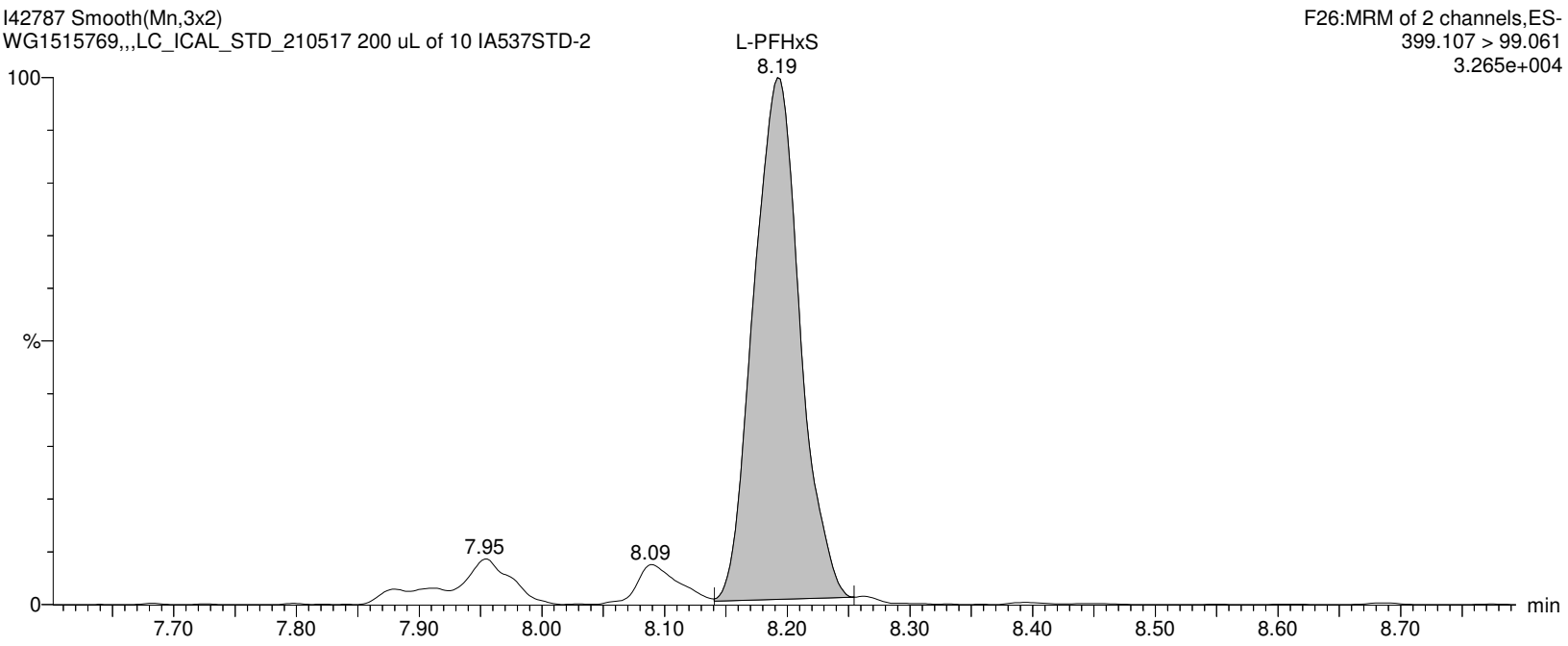
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFHxS



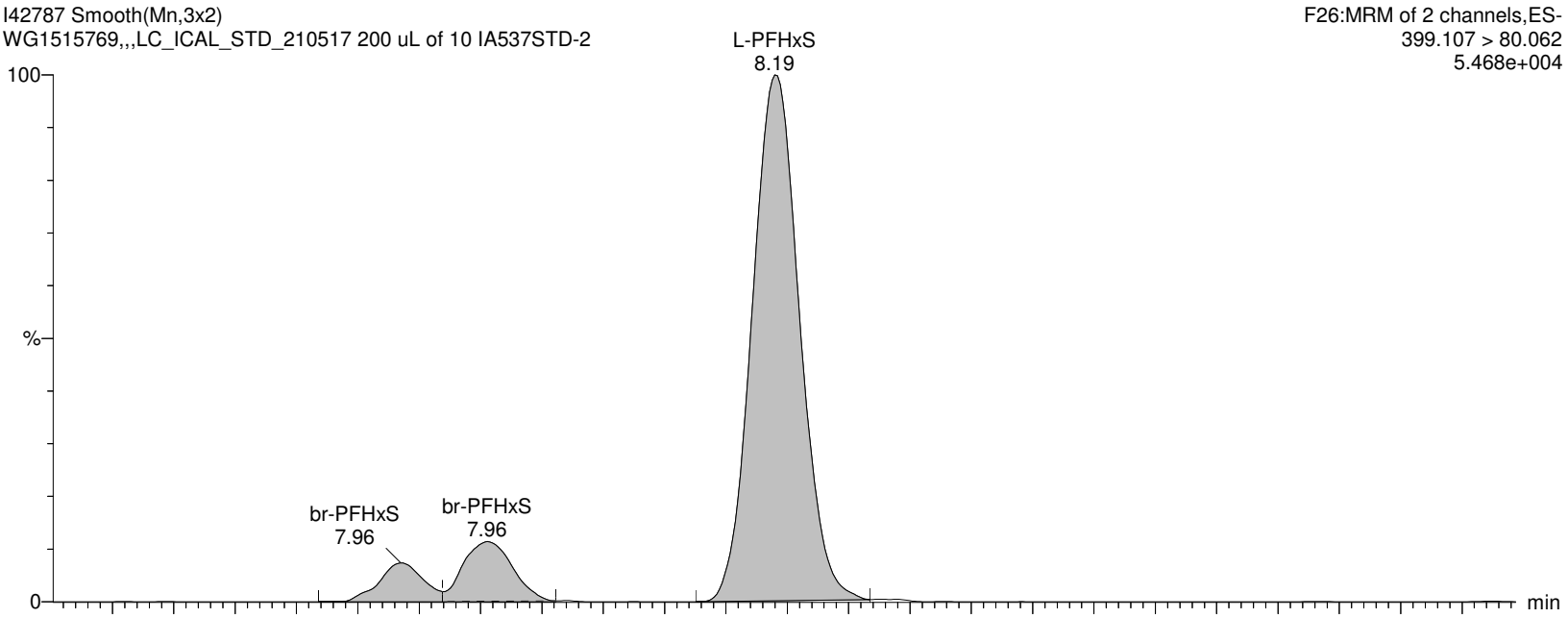


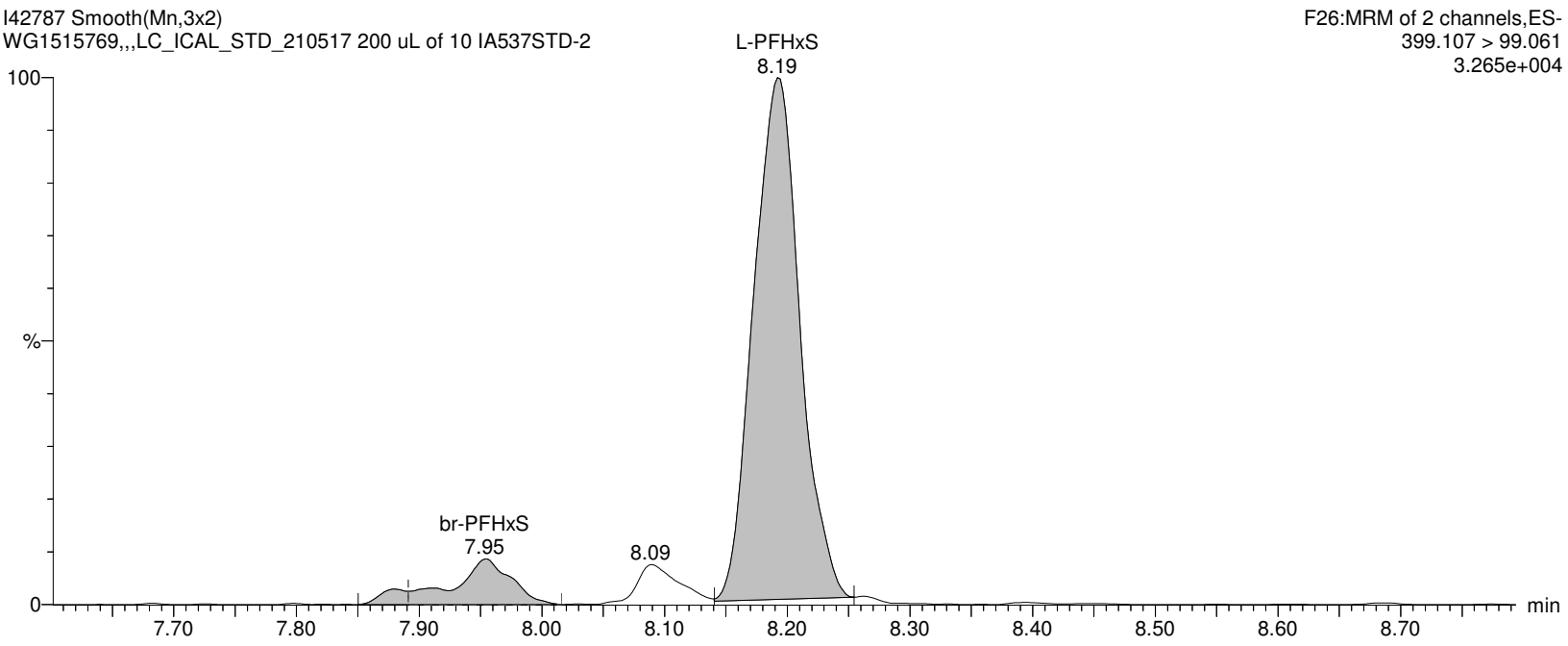
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxS



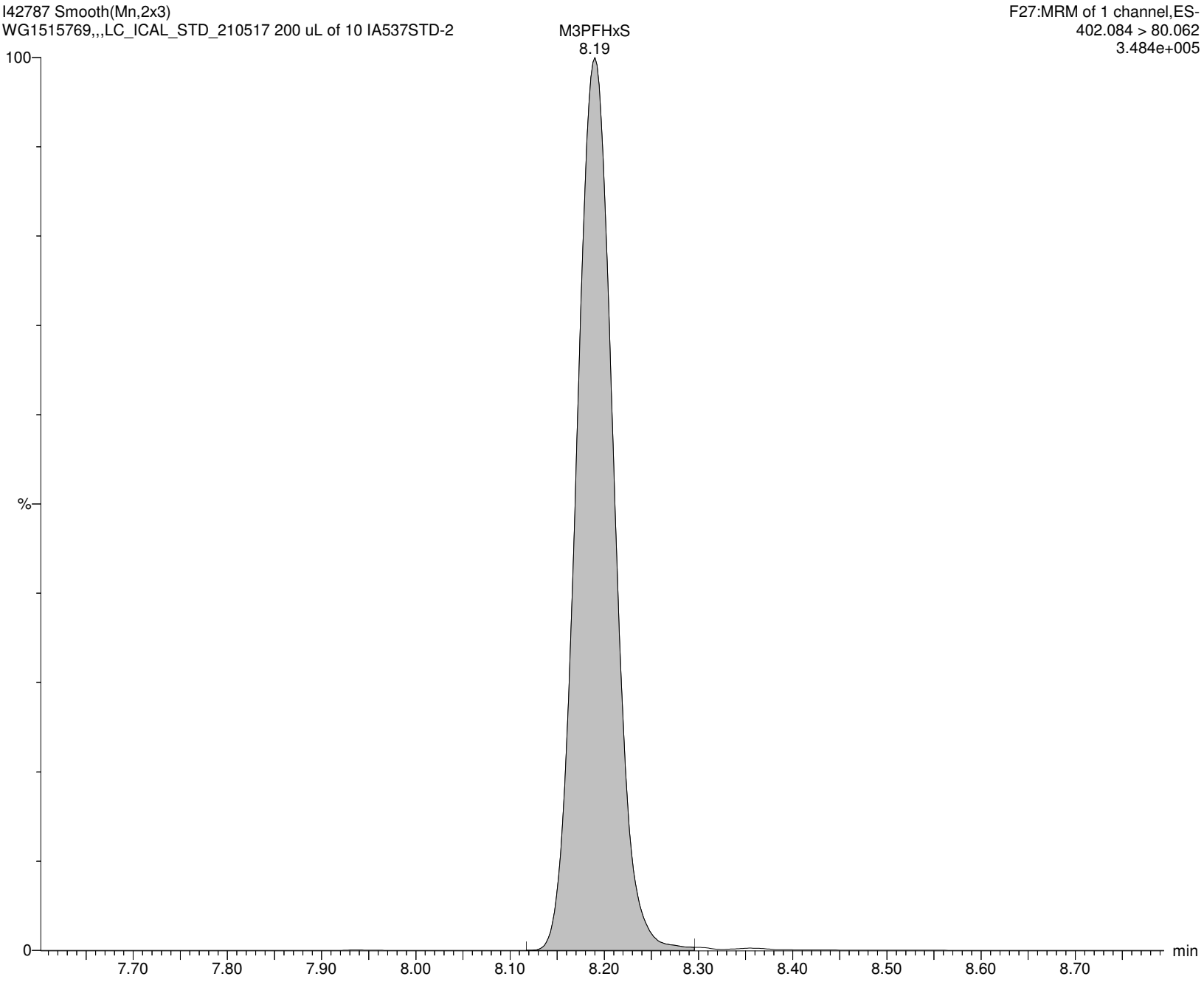


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFHxS

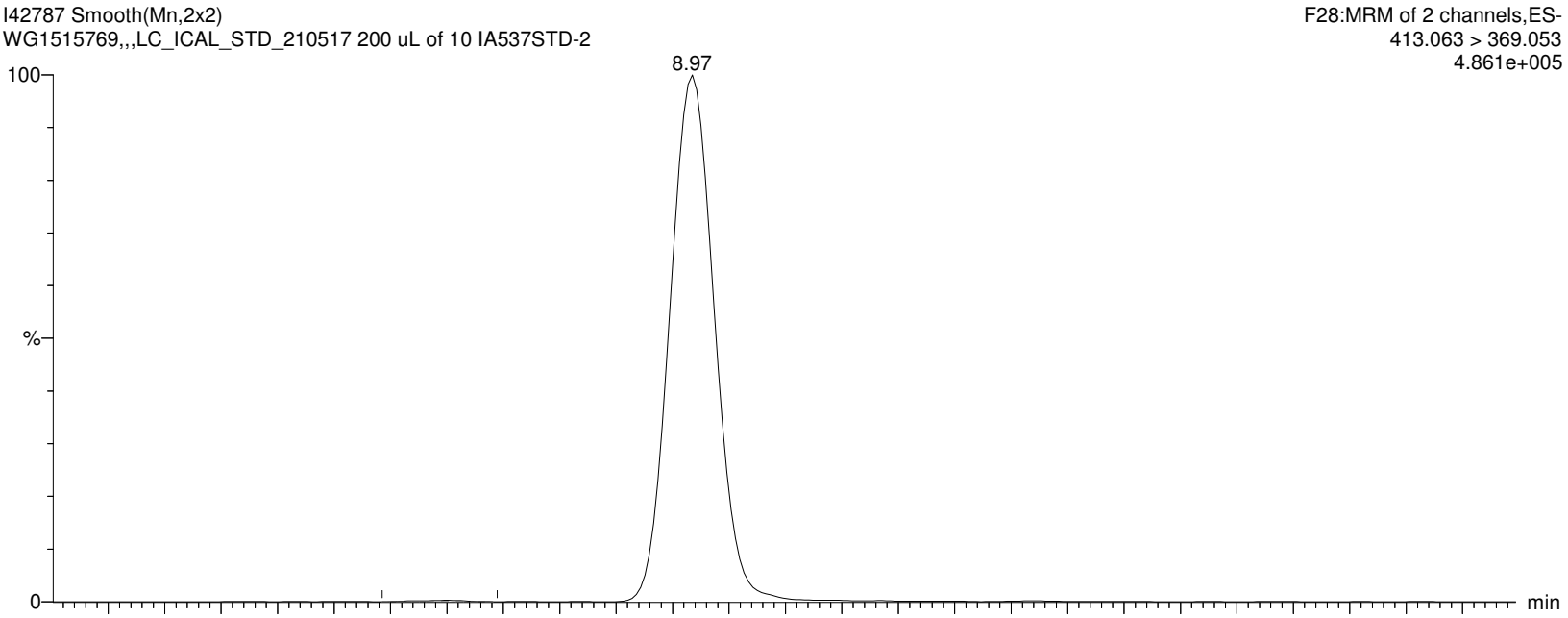


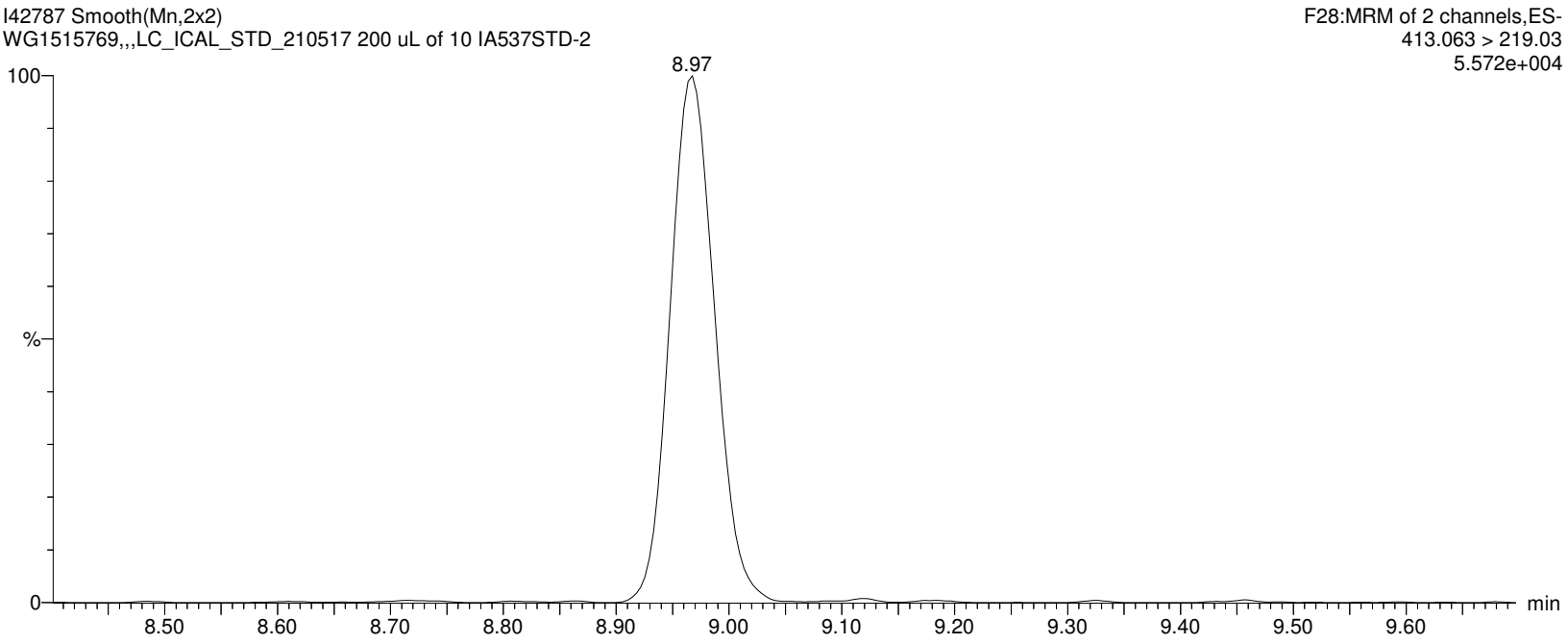
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOA



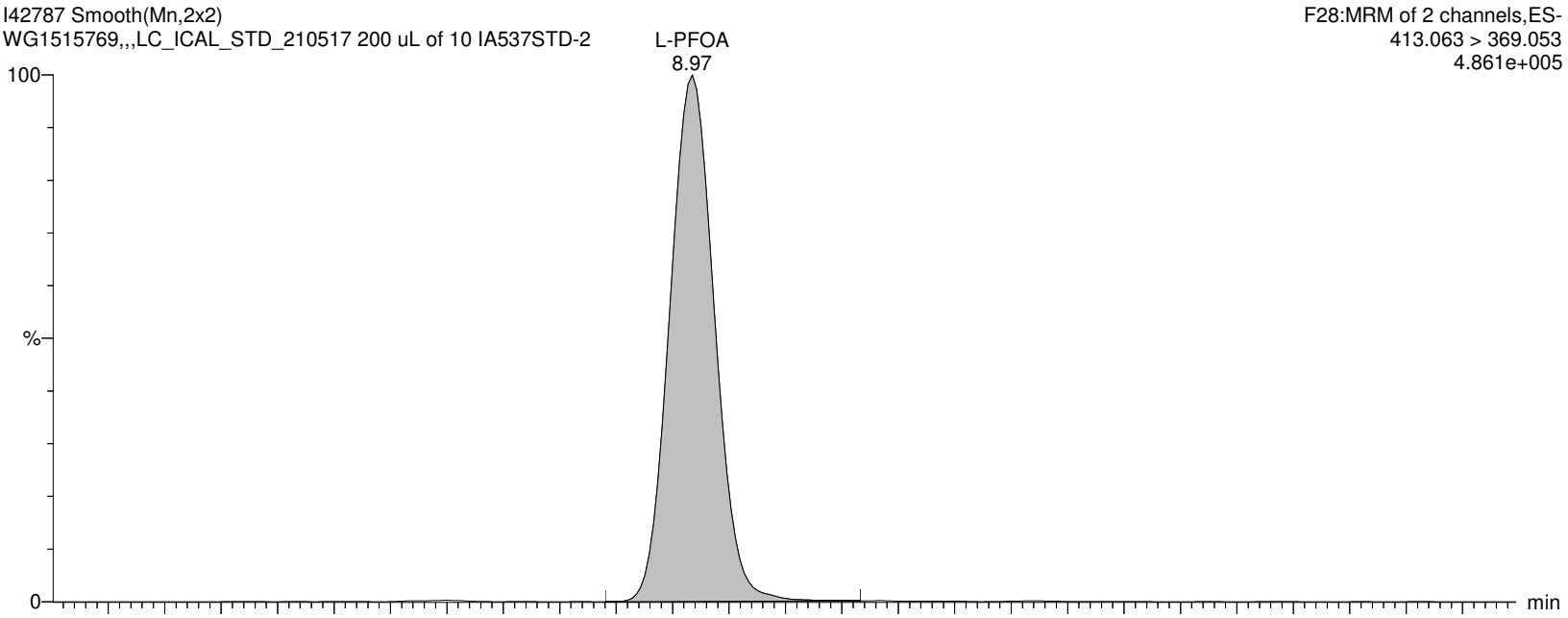


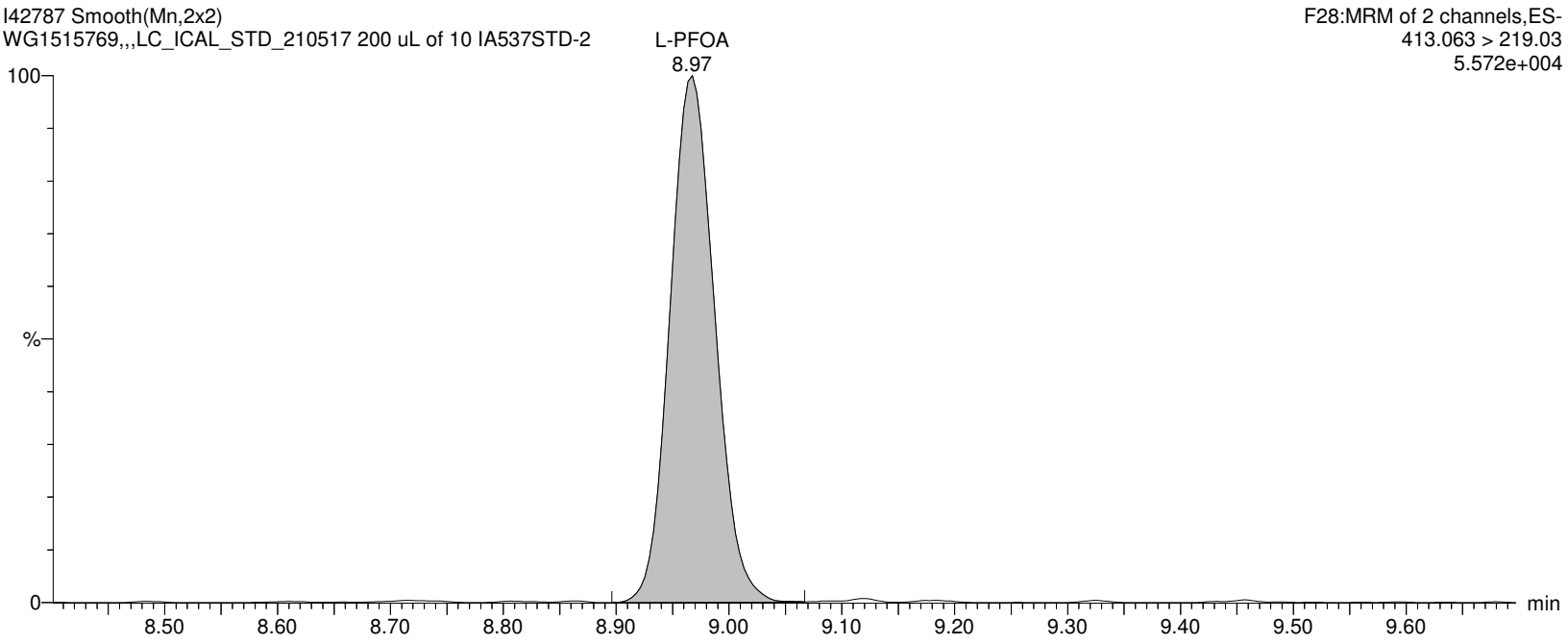
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOA



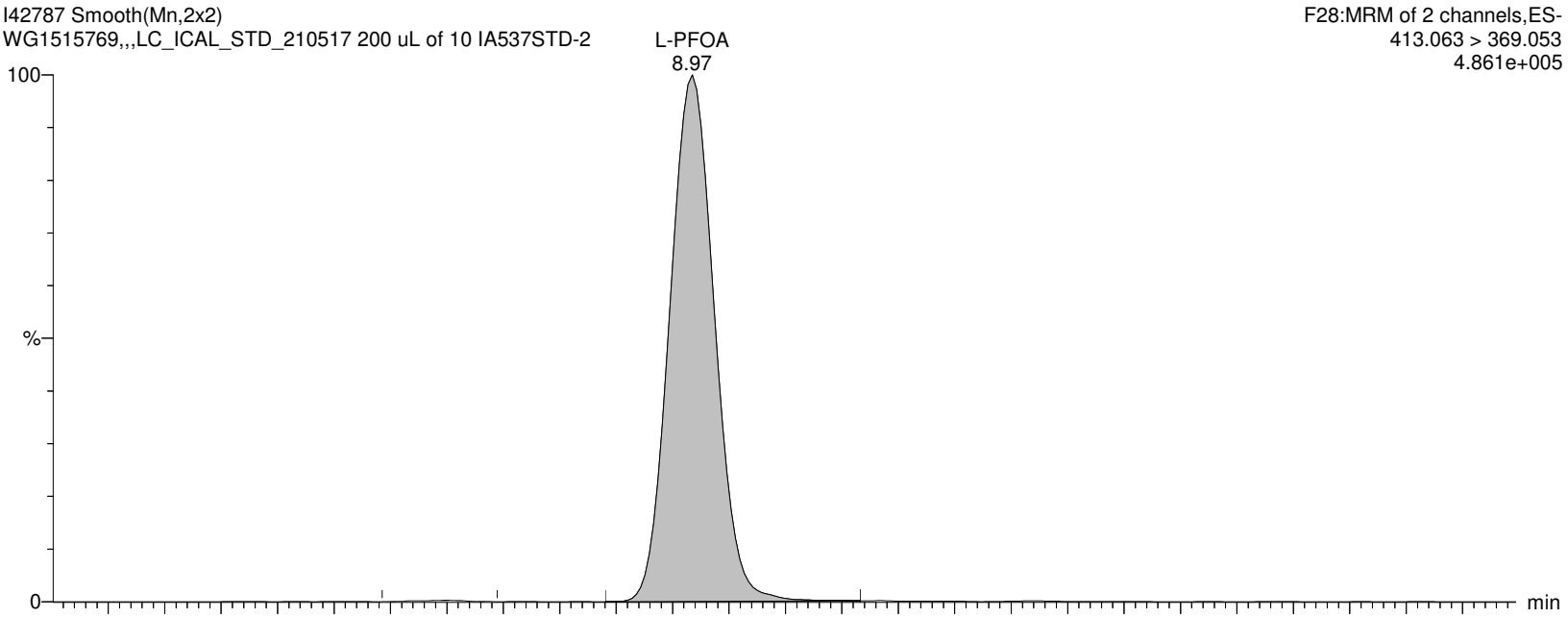


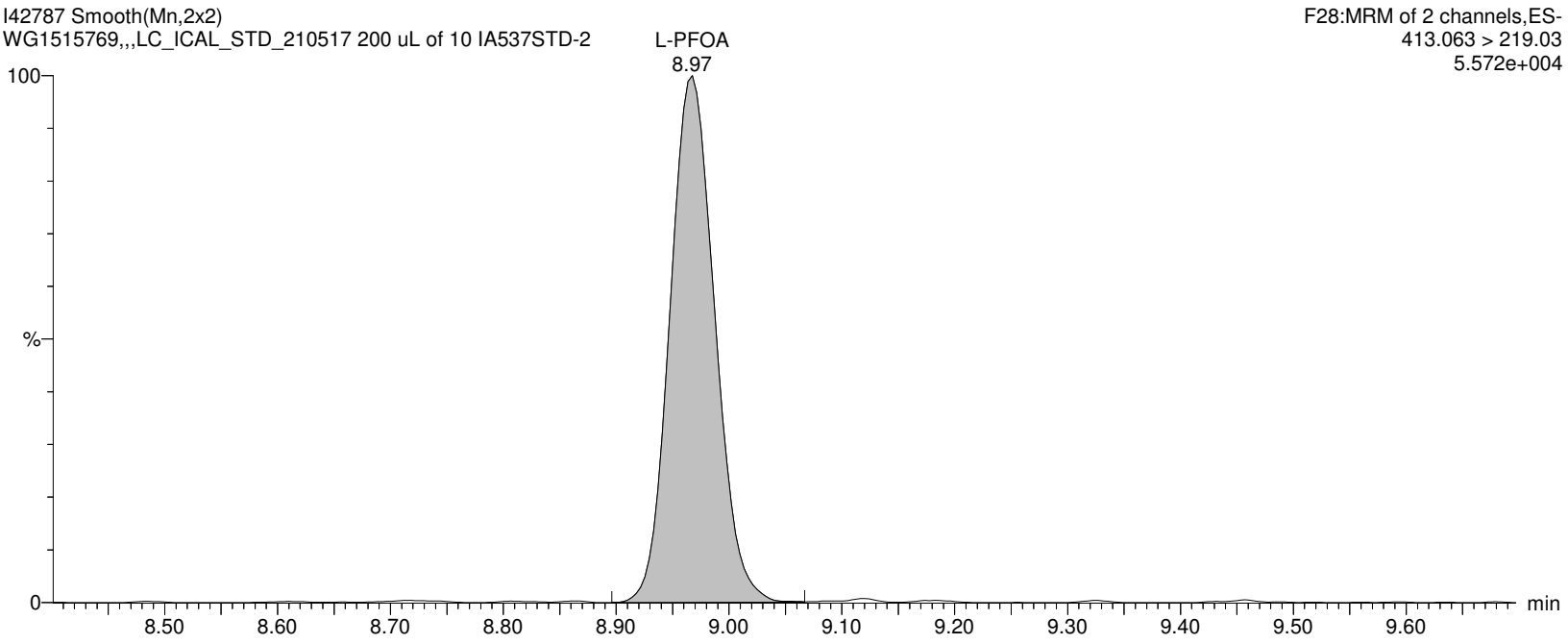
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOA



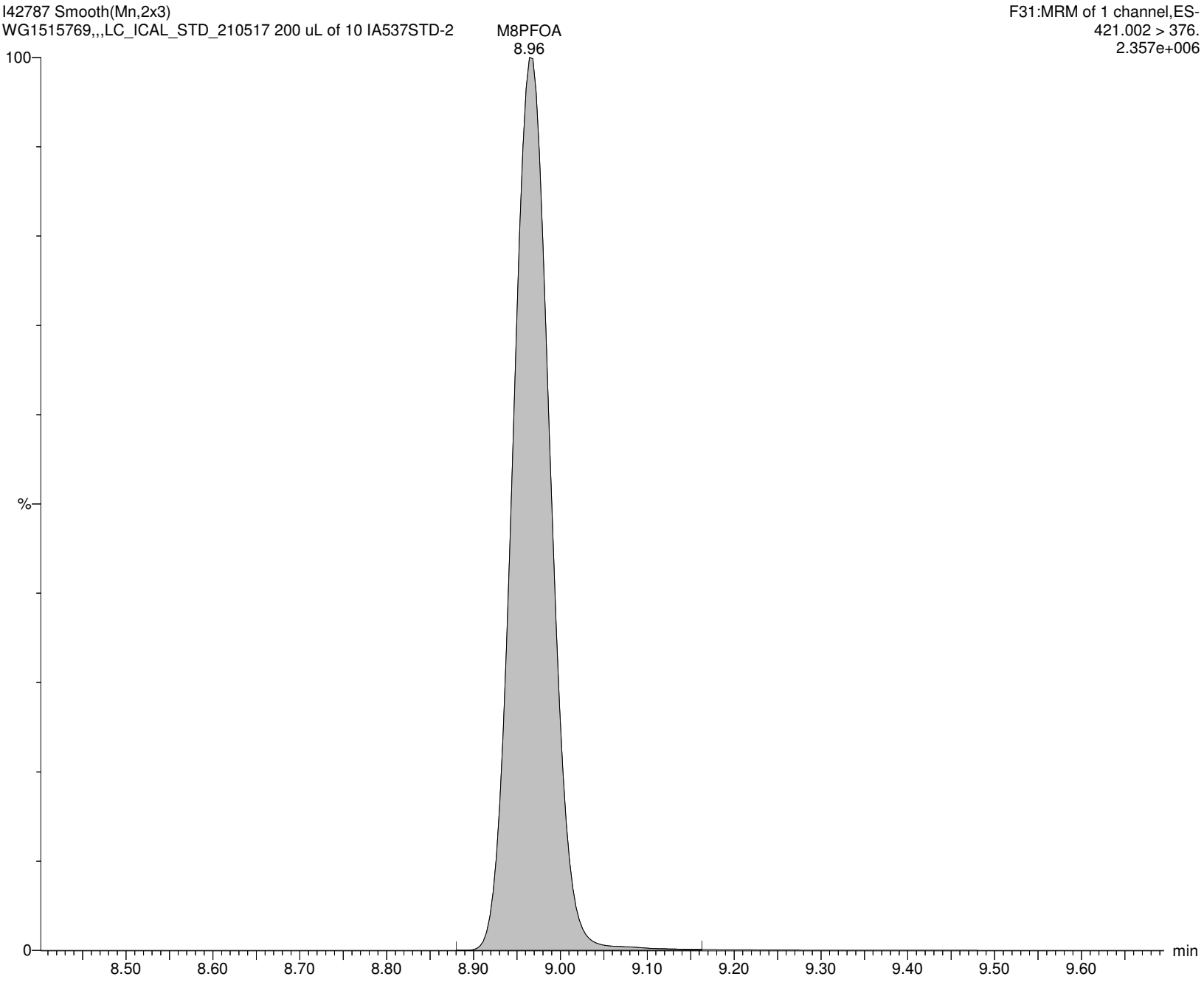


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOA

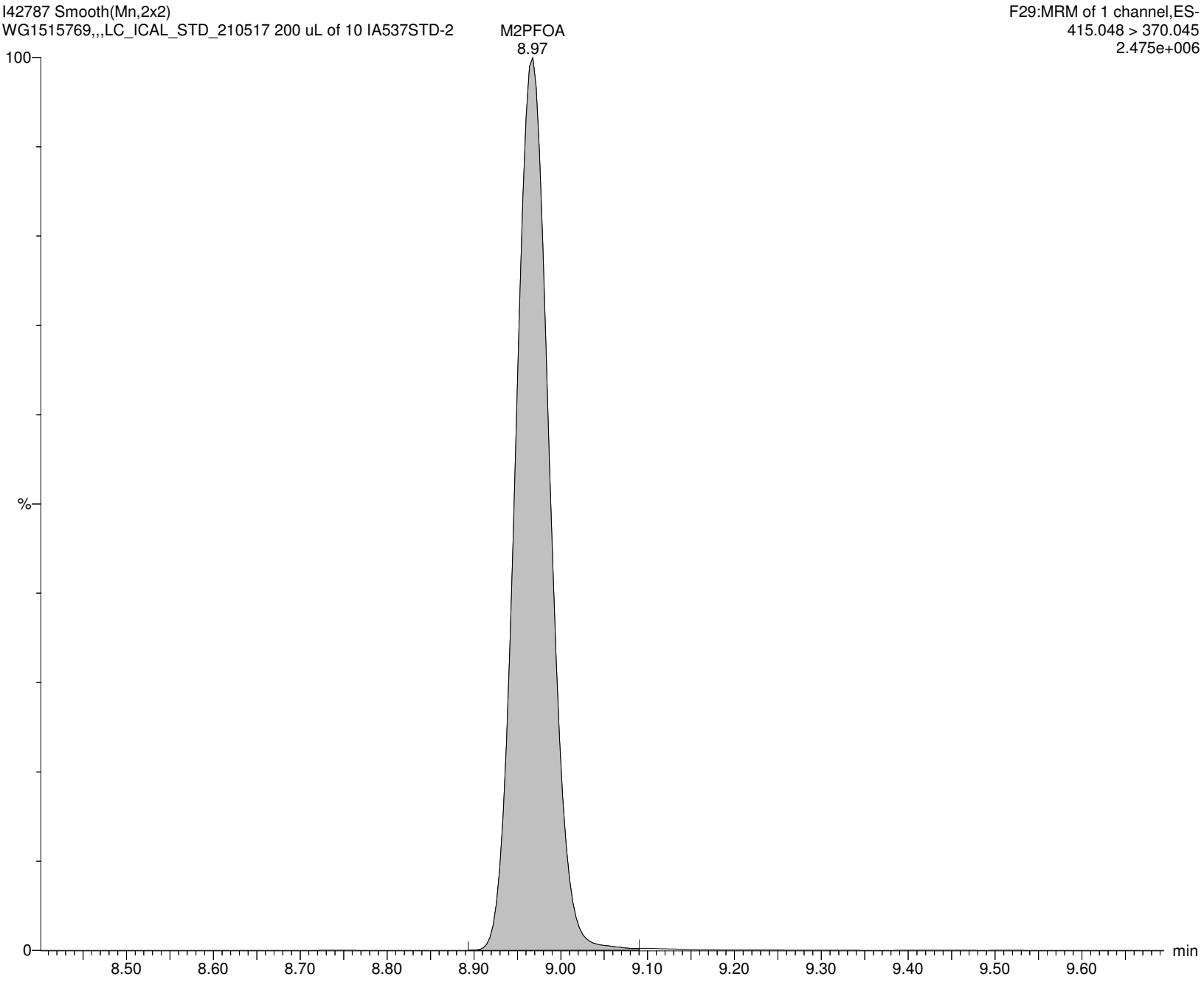


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFOA

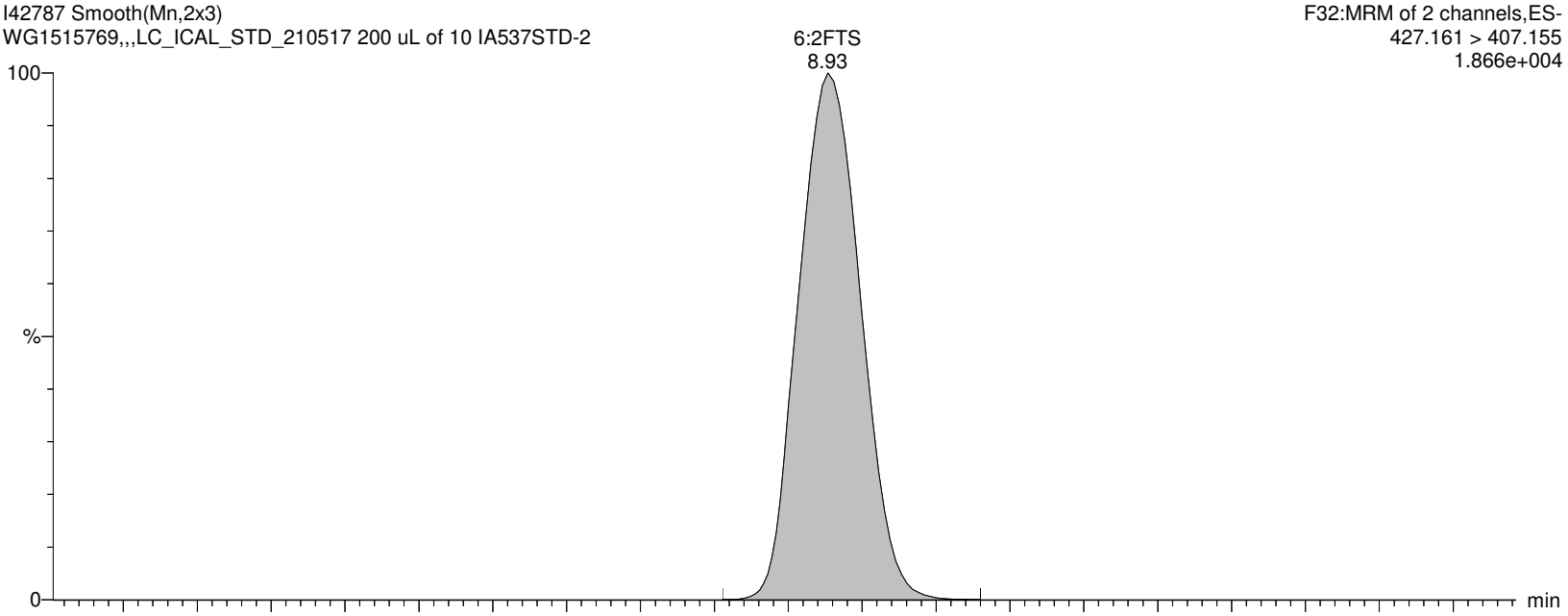


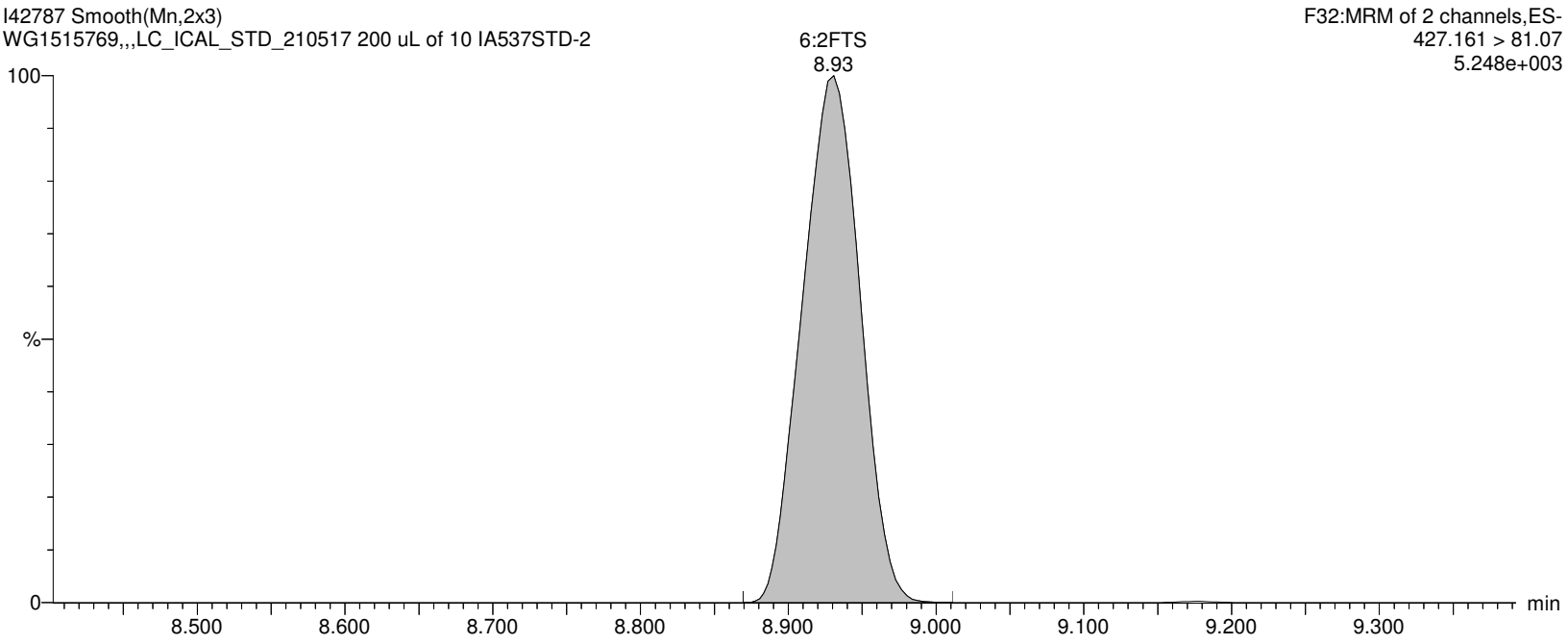
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

6:2FTS



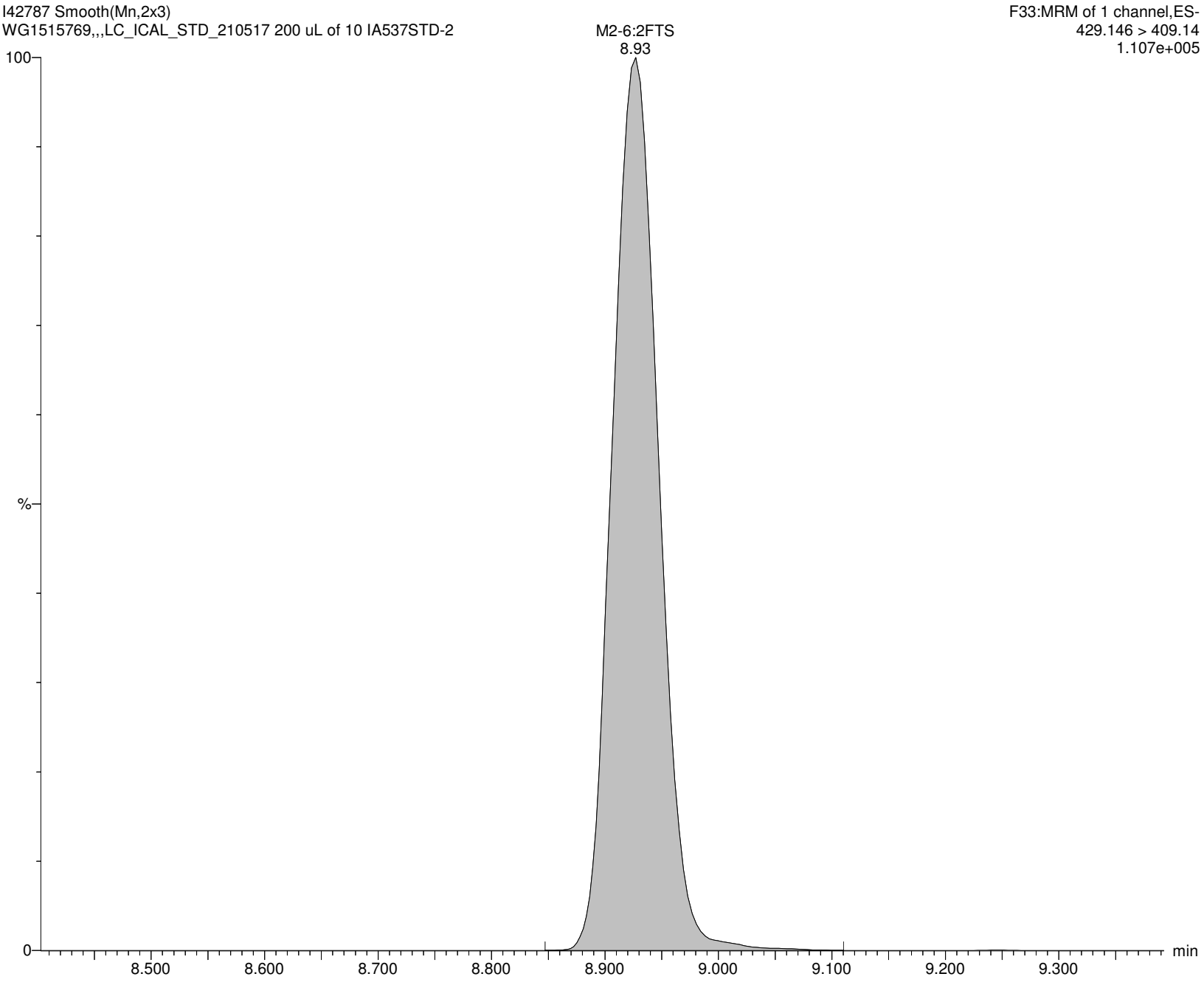


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-6:2FTS

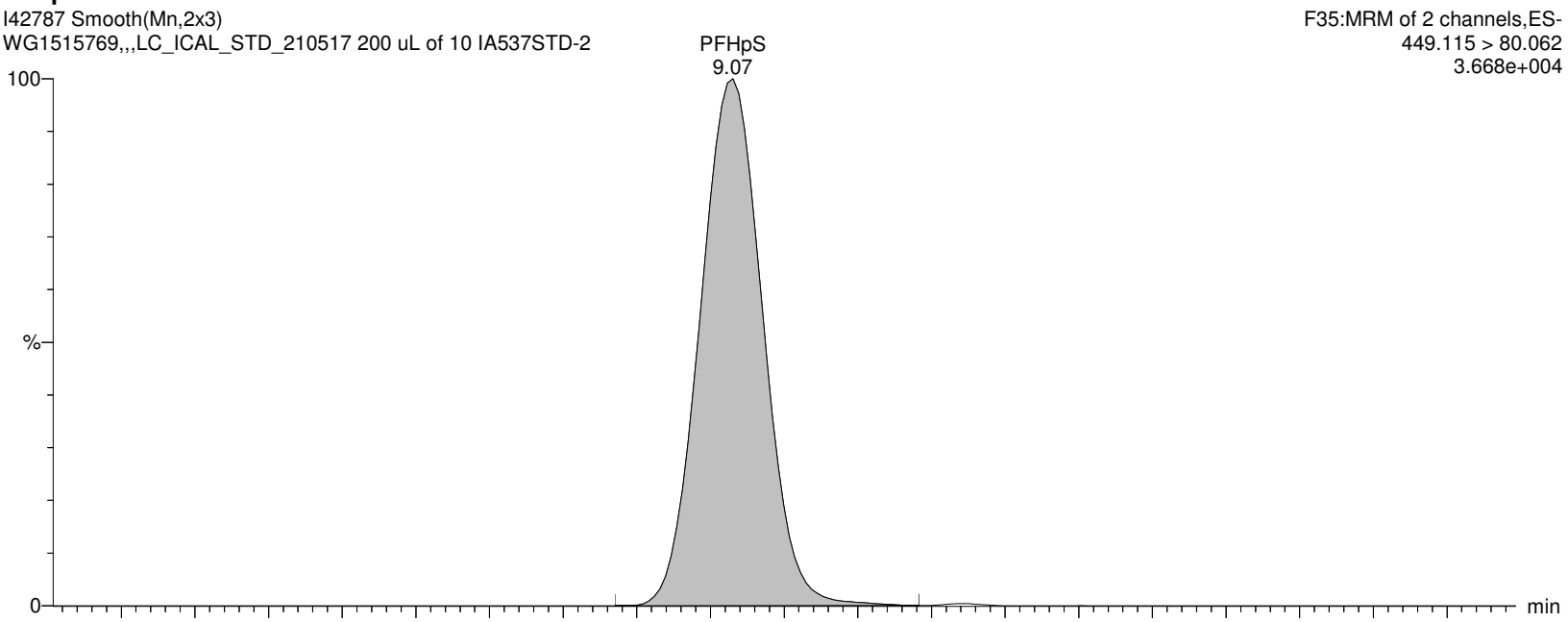


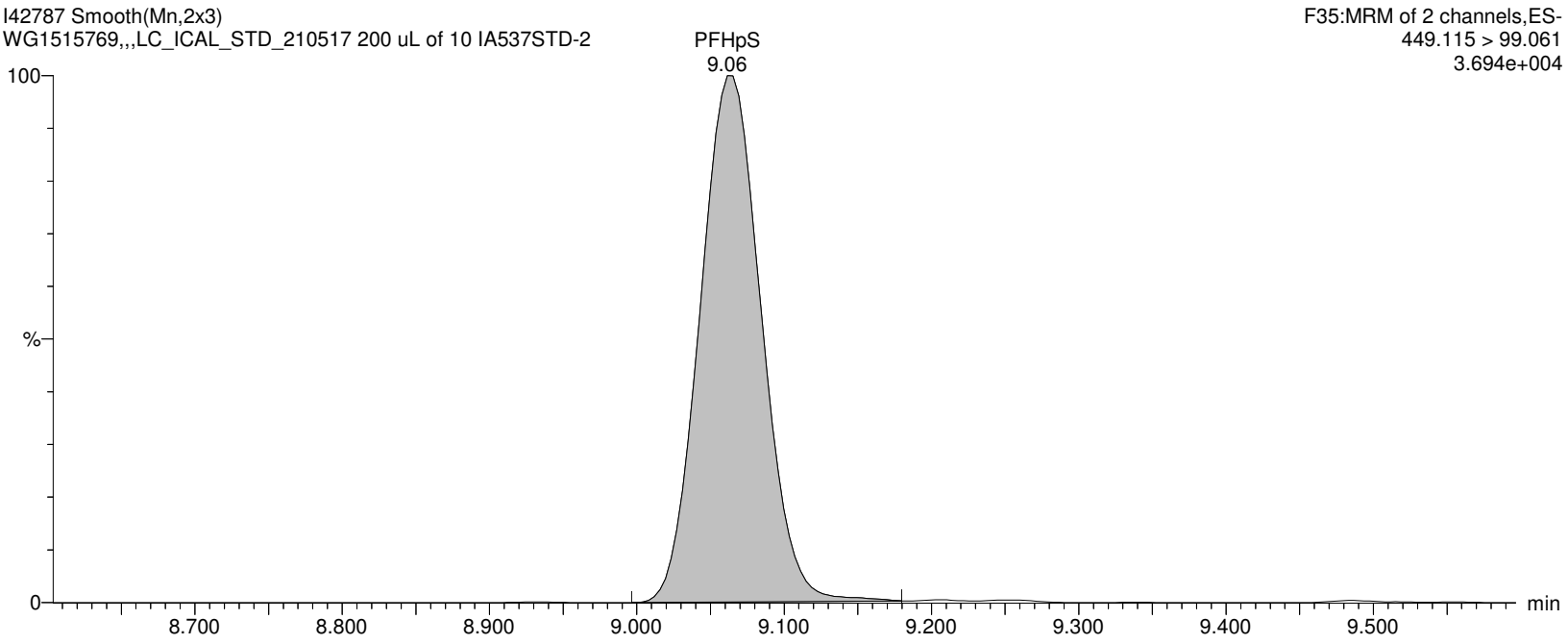
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpS



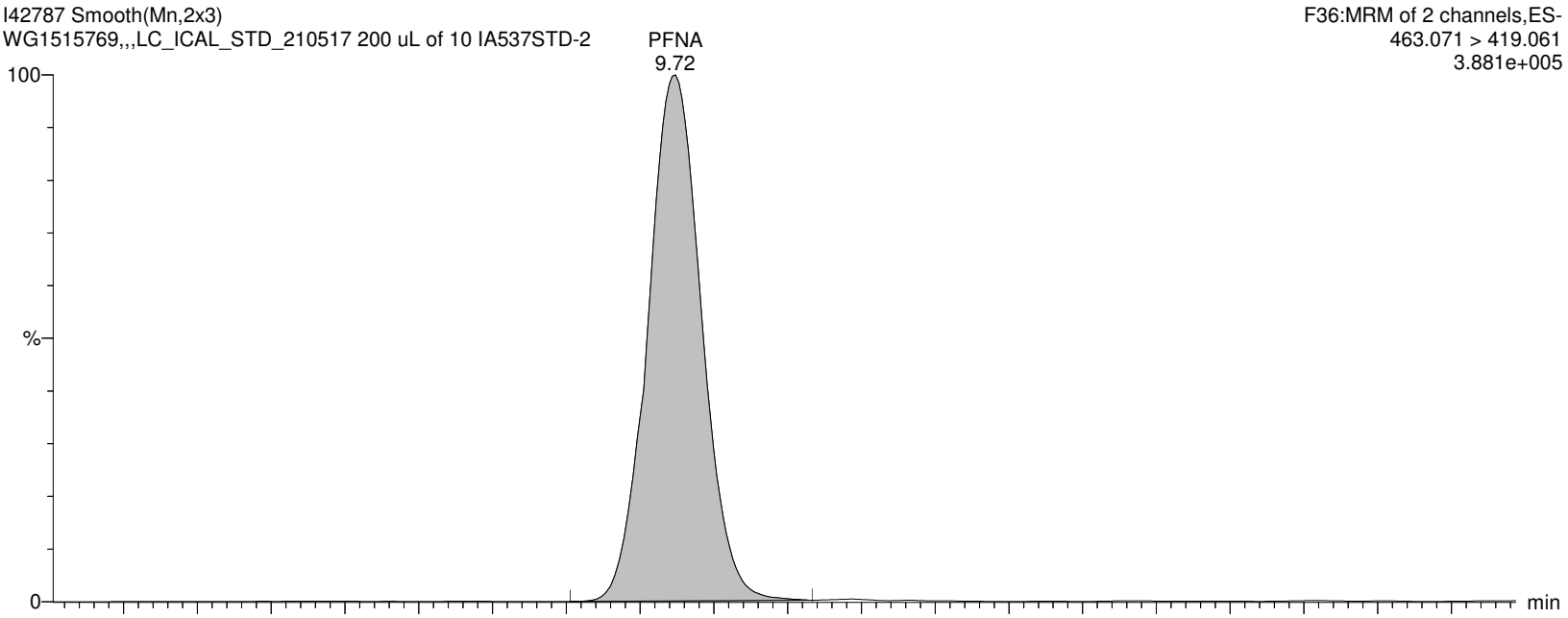


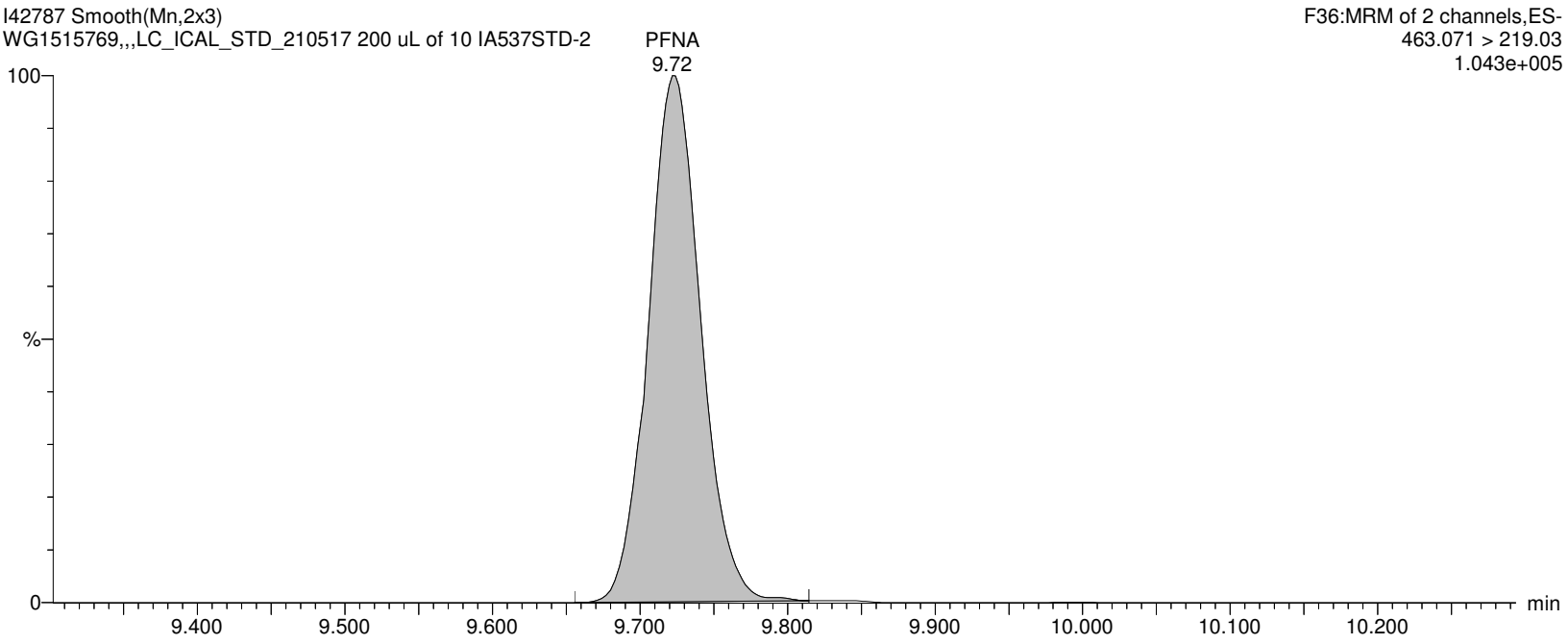
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNA



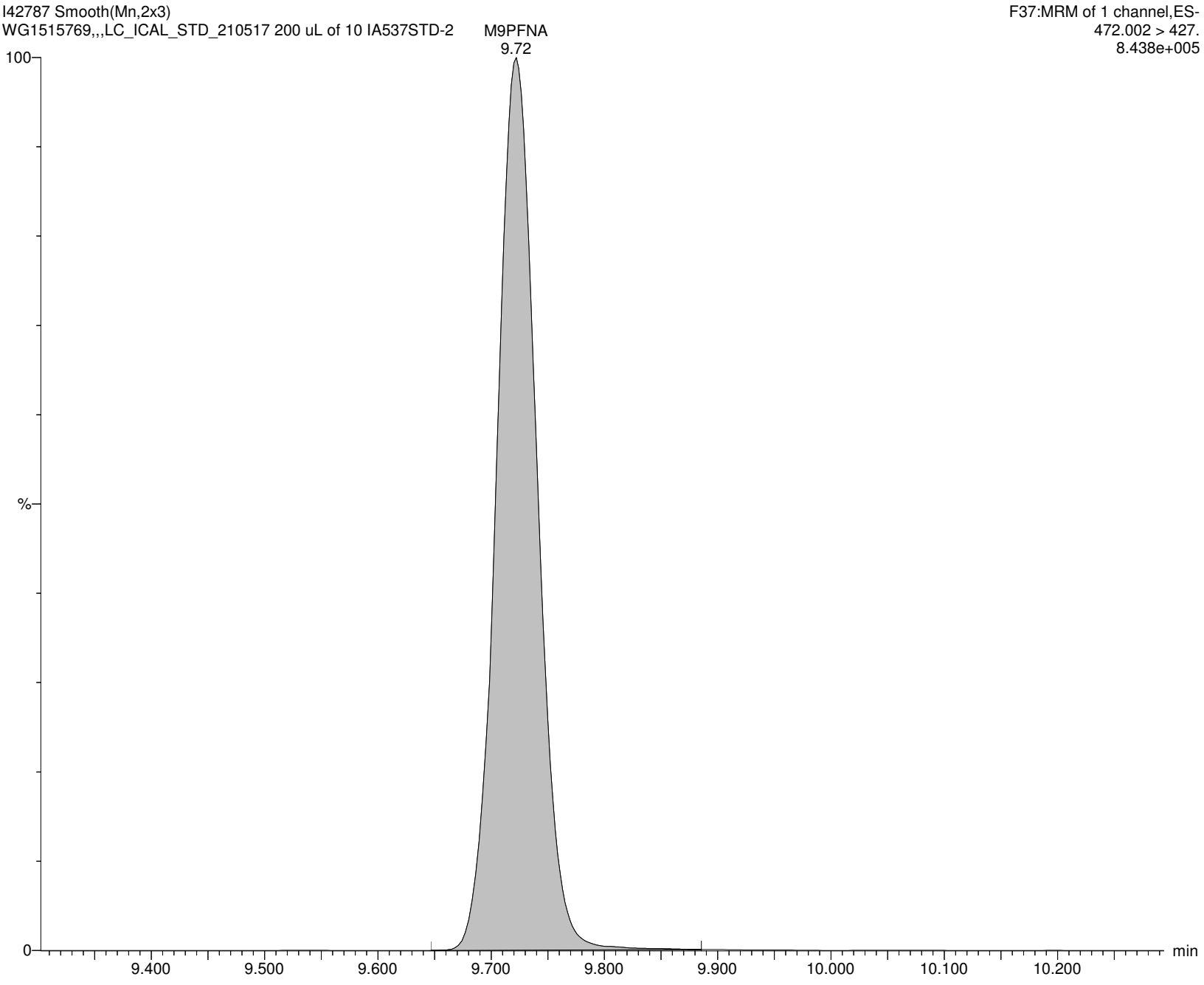


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M9PFNA

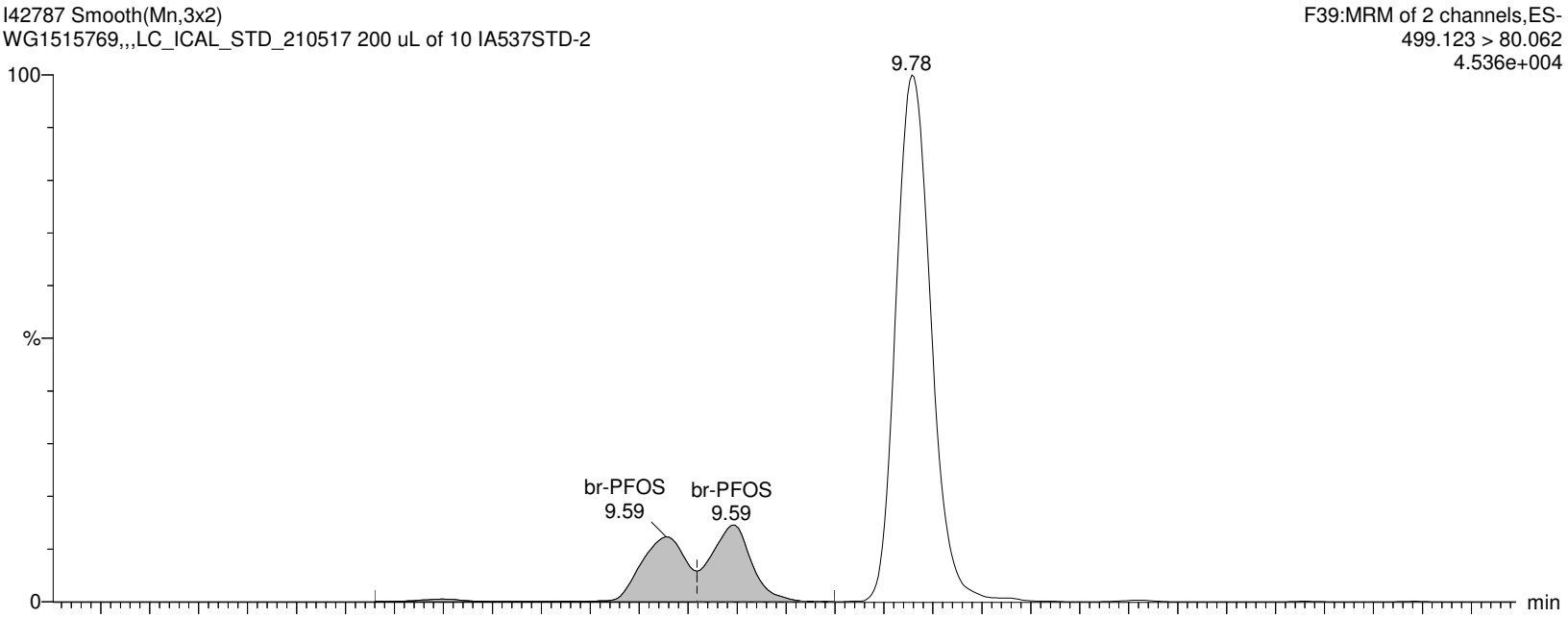


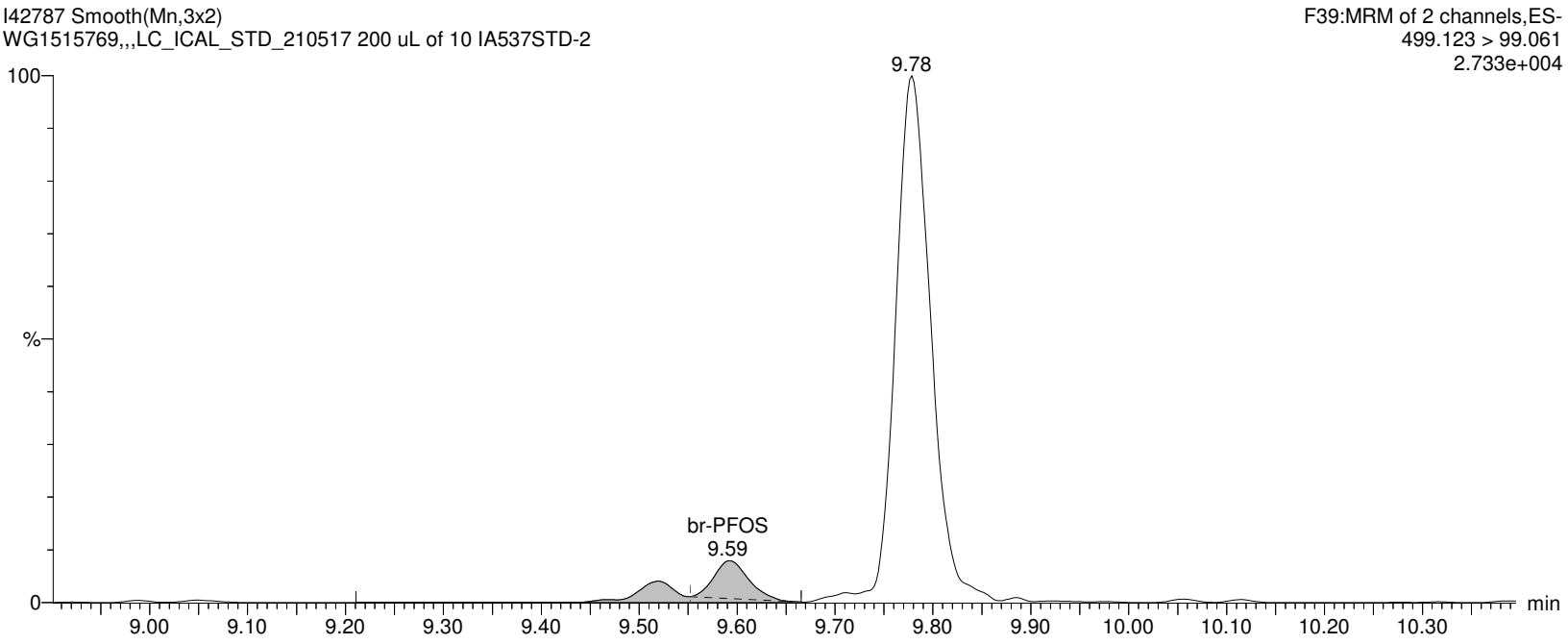
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOS



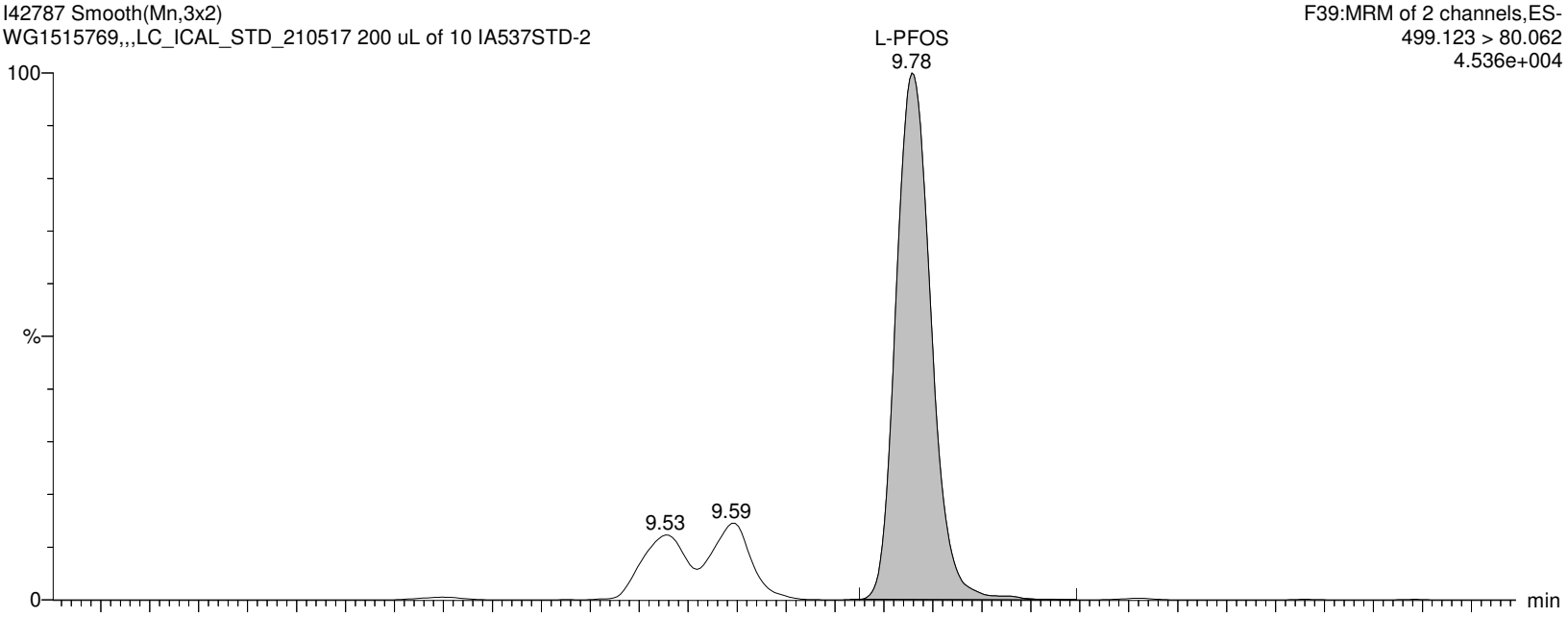


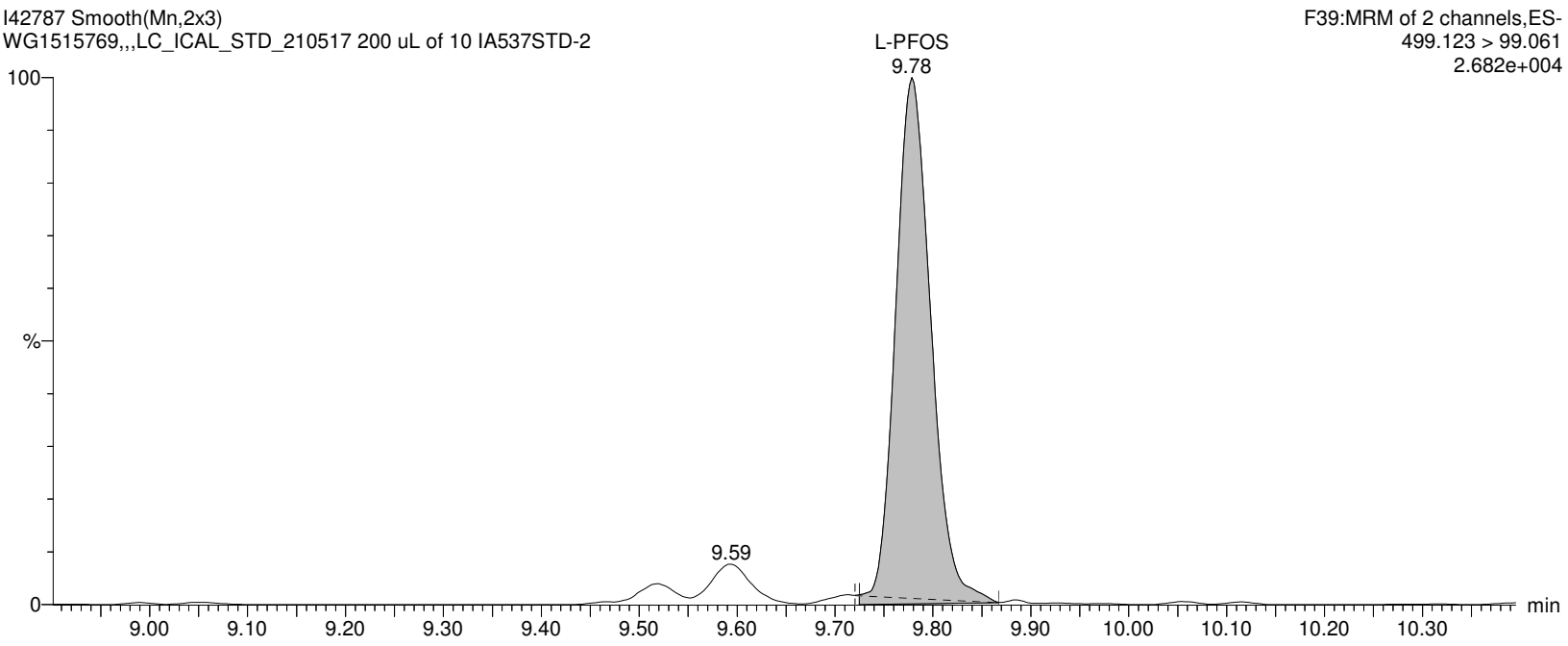
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOS



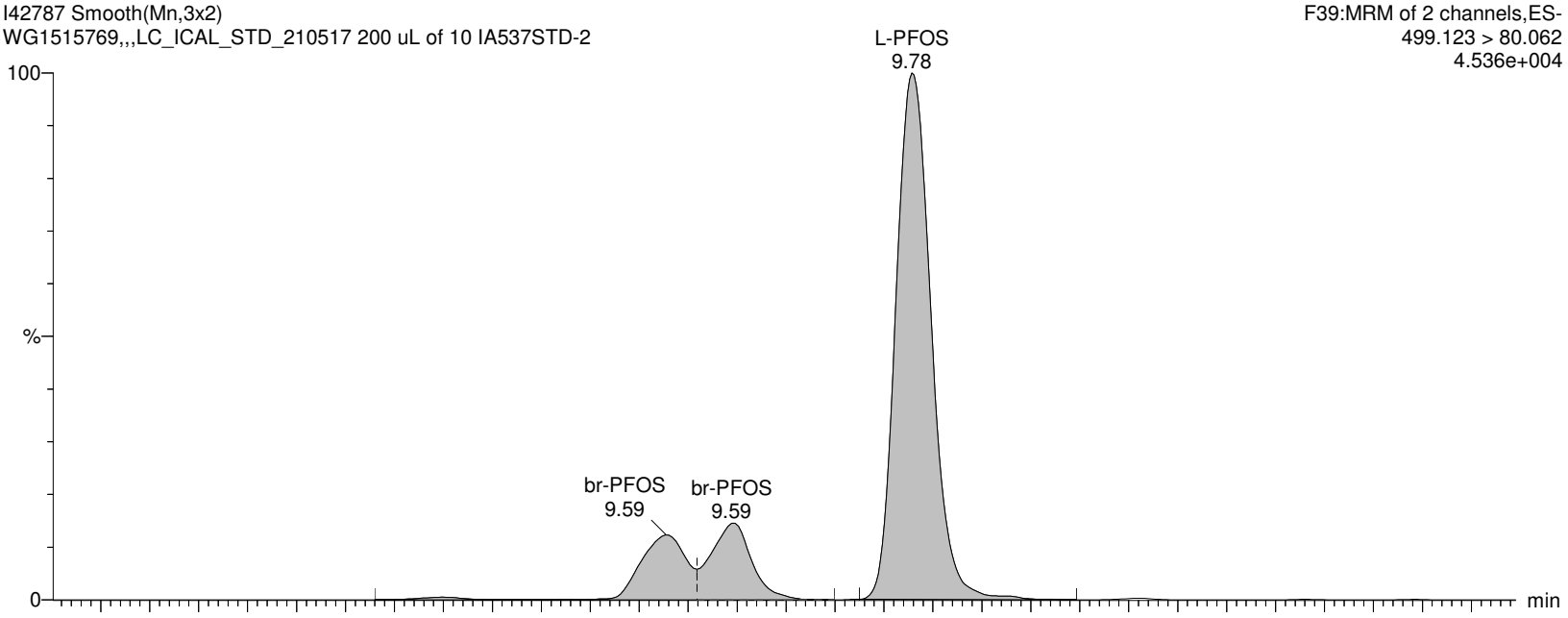


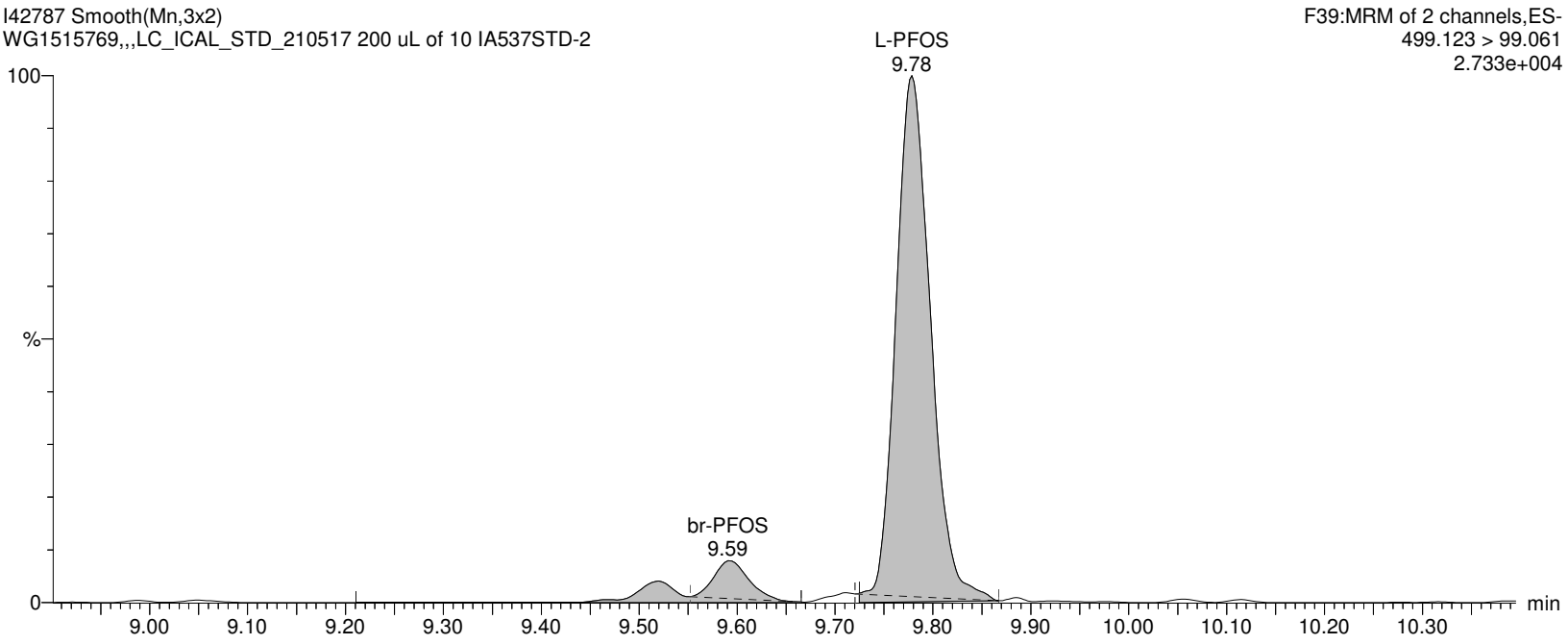
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOS



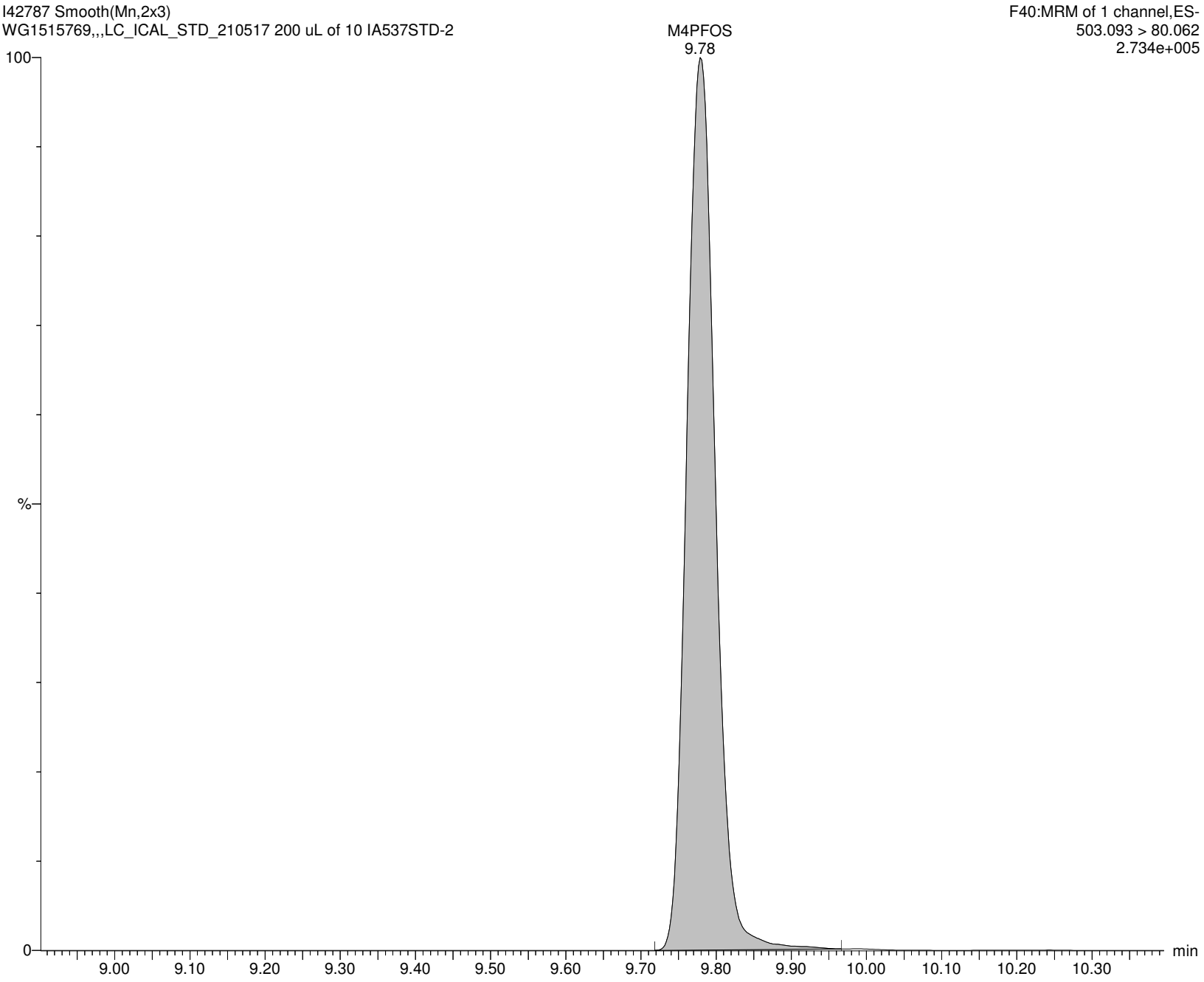


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOS

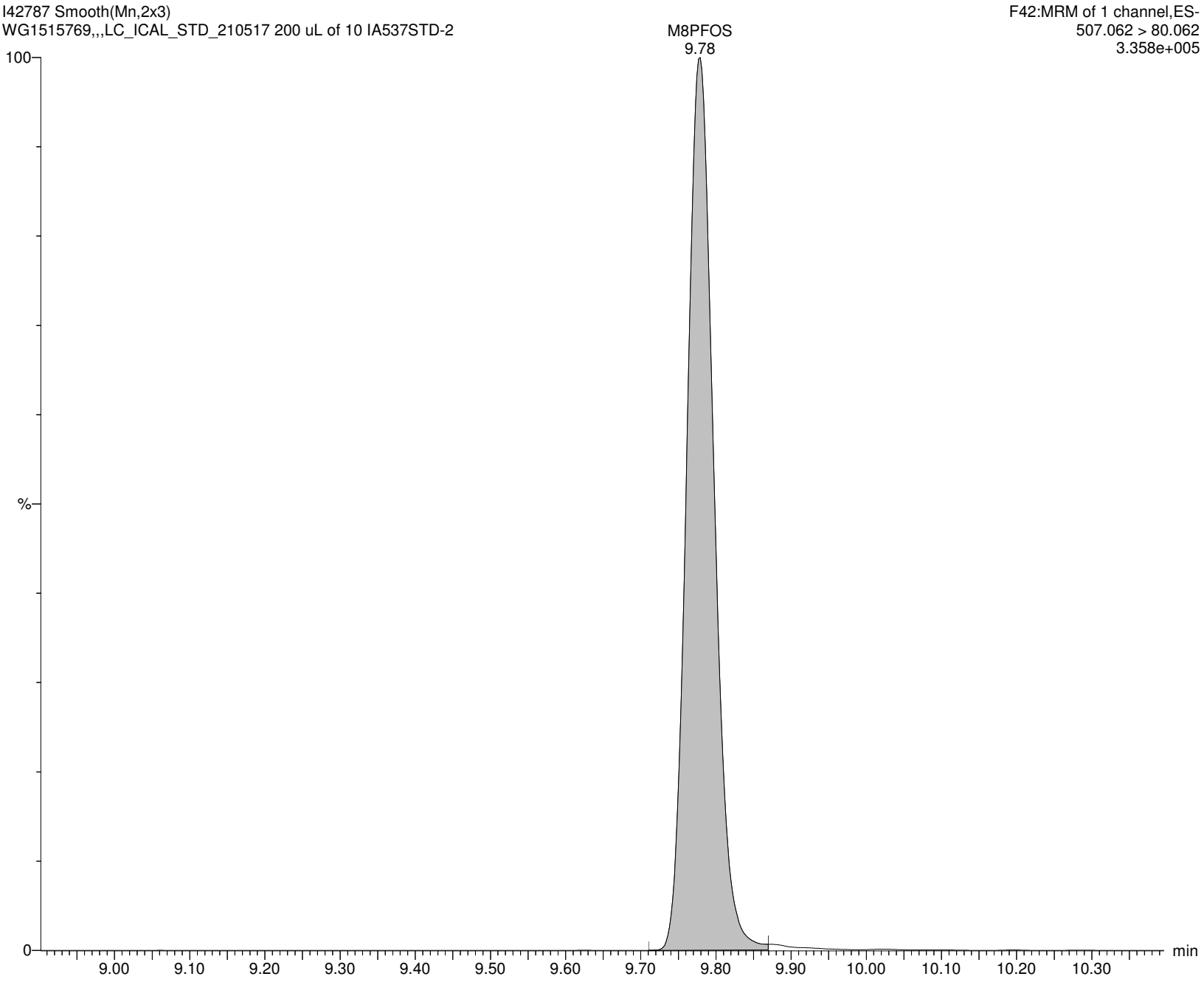


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOS

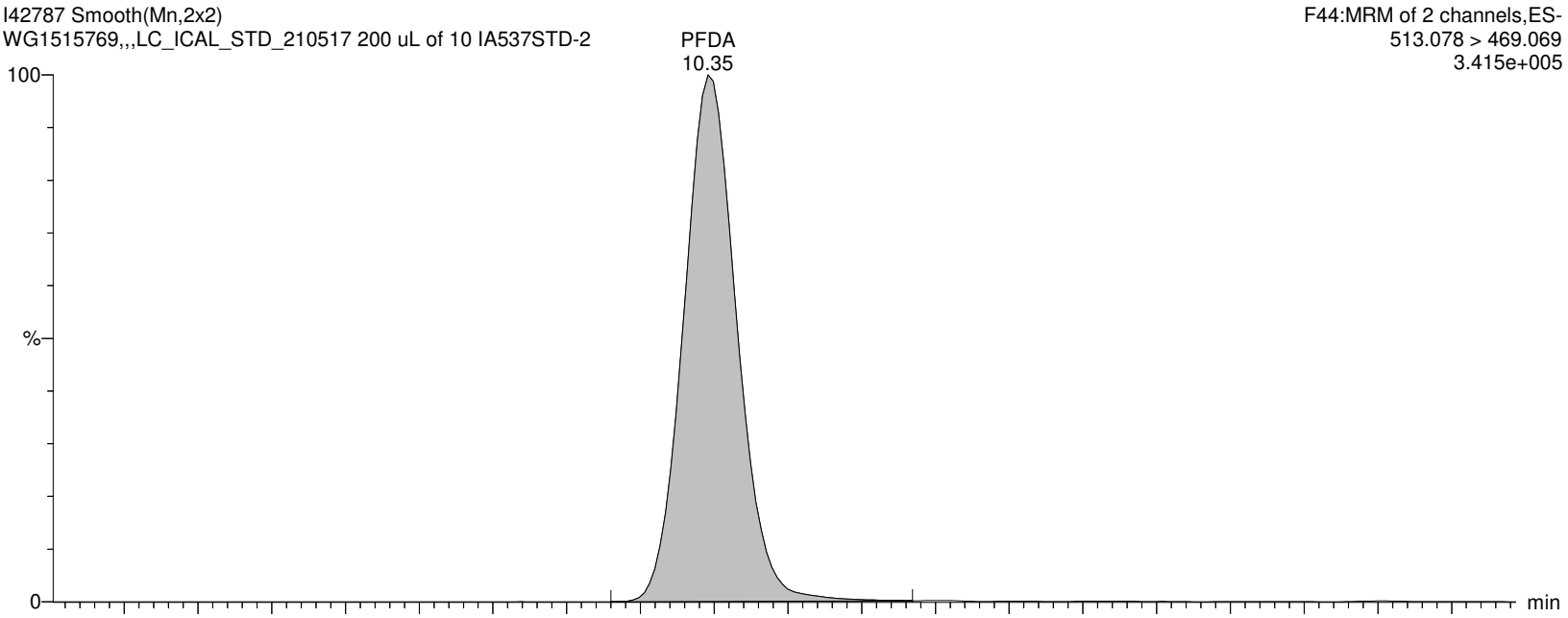


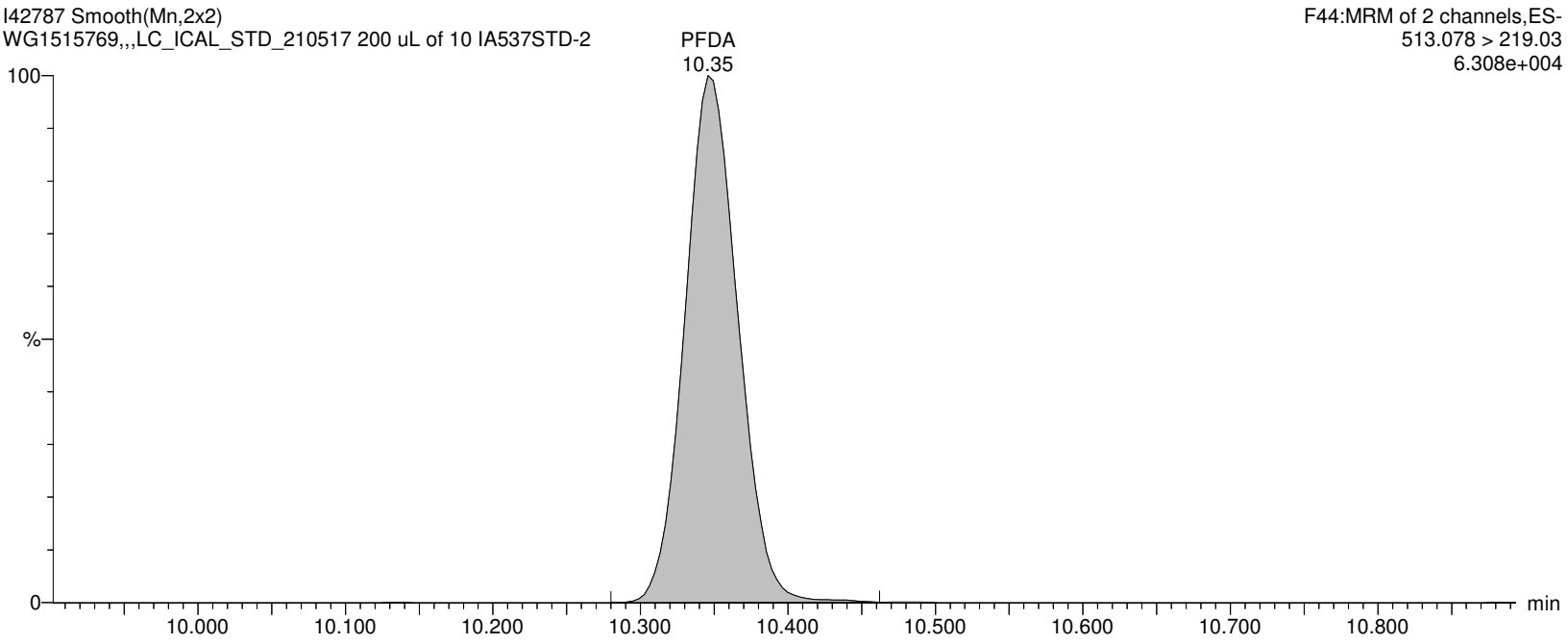
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDA



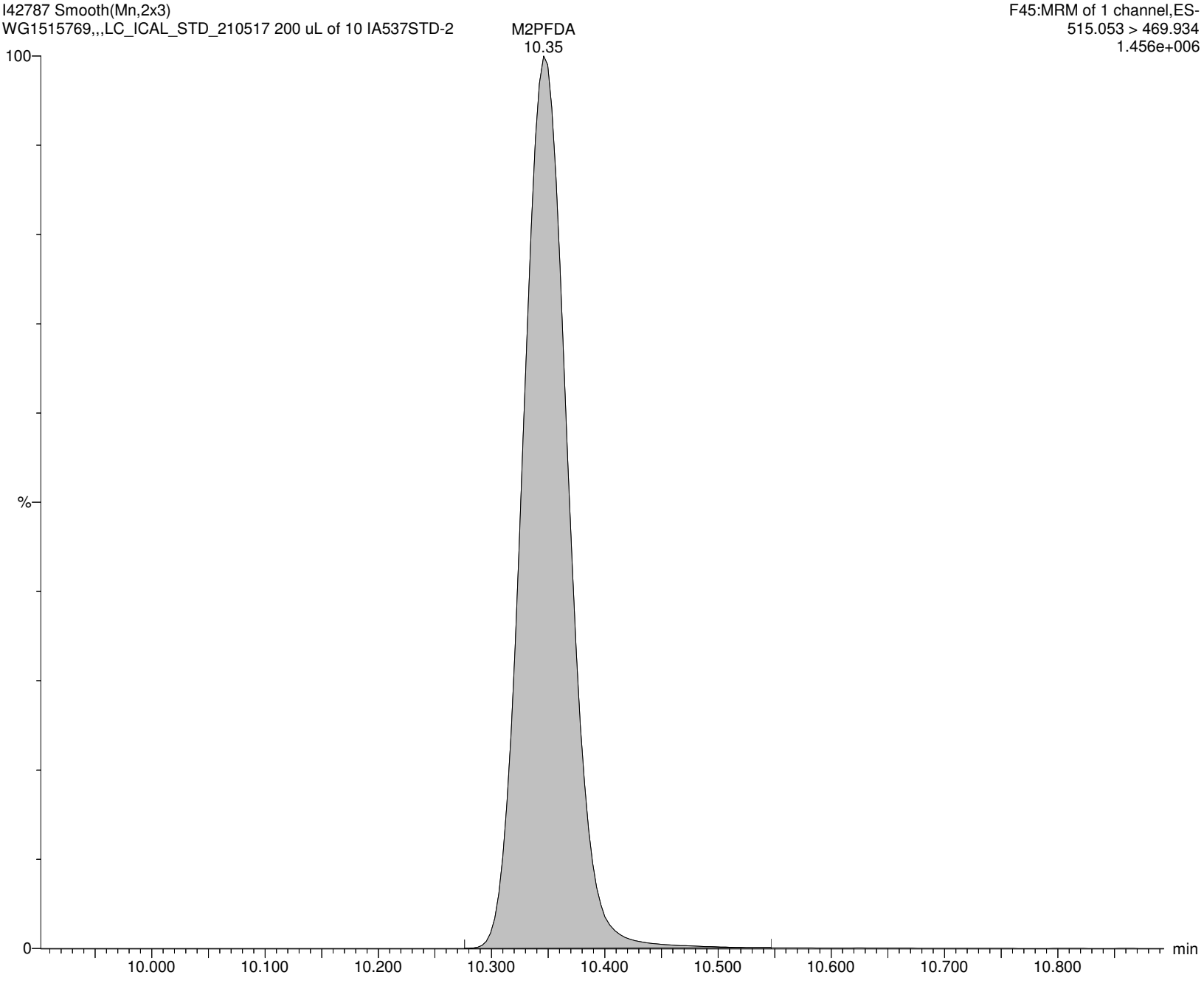


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFDA

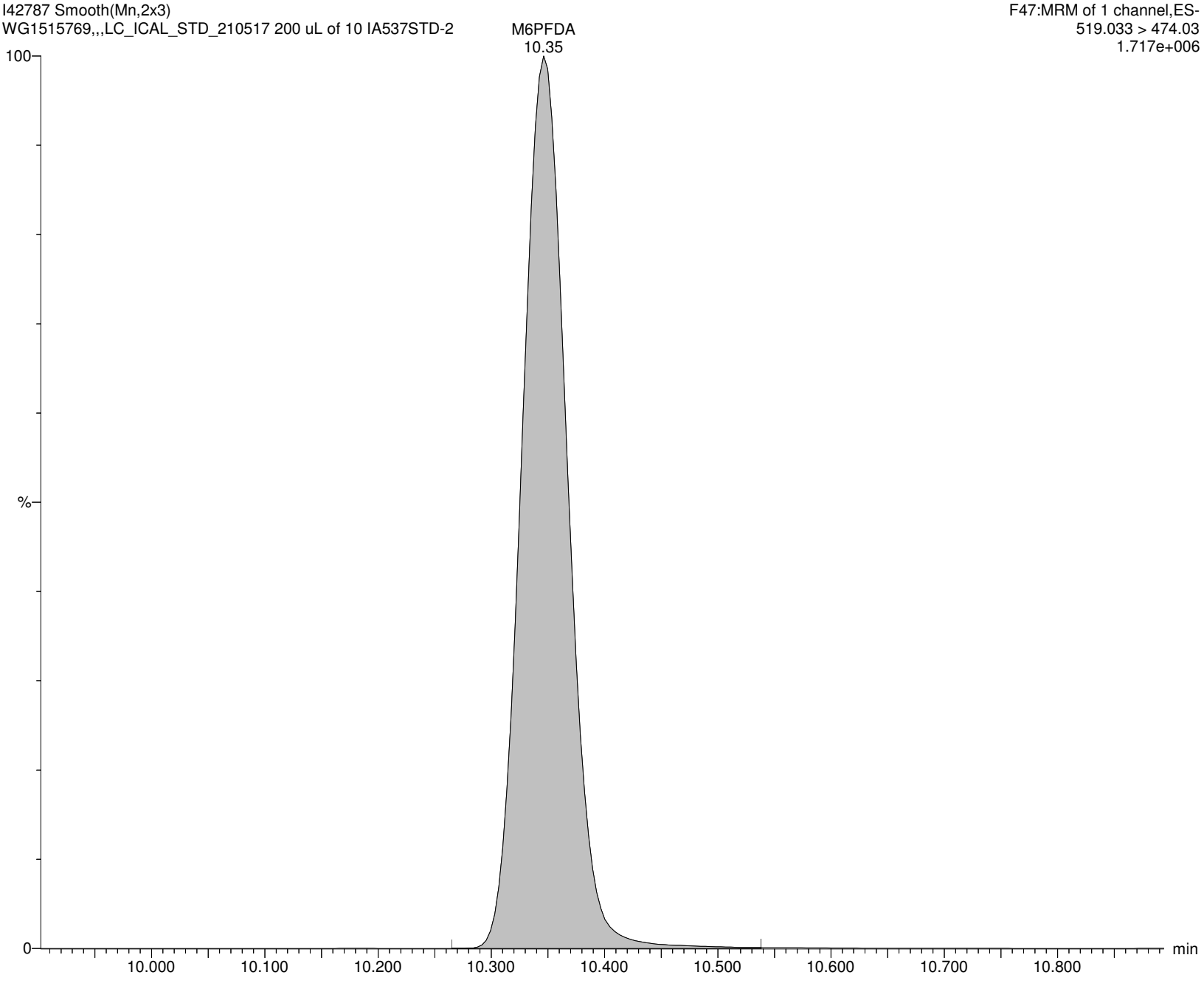


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M6PFDA

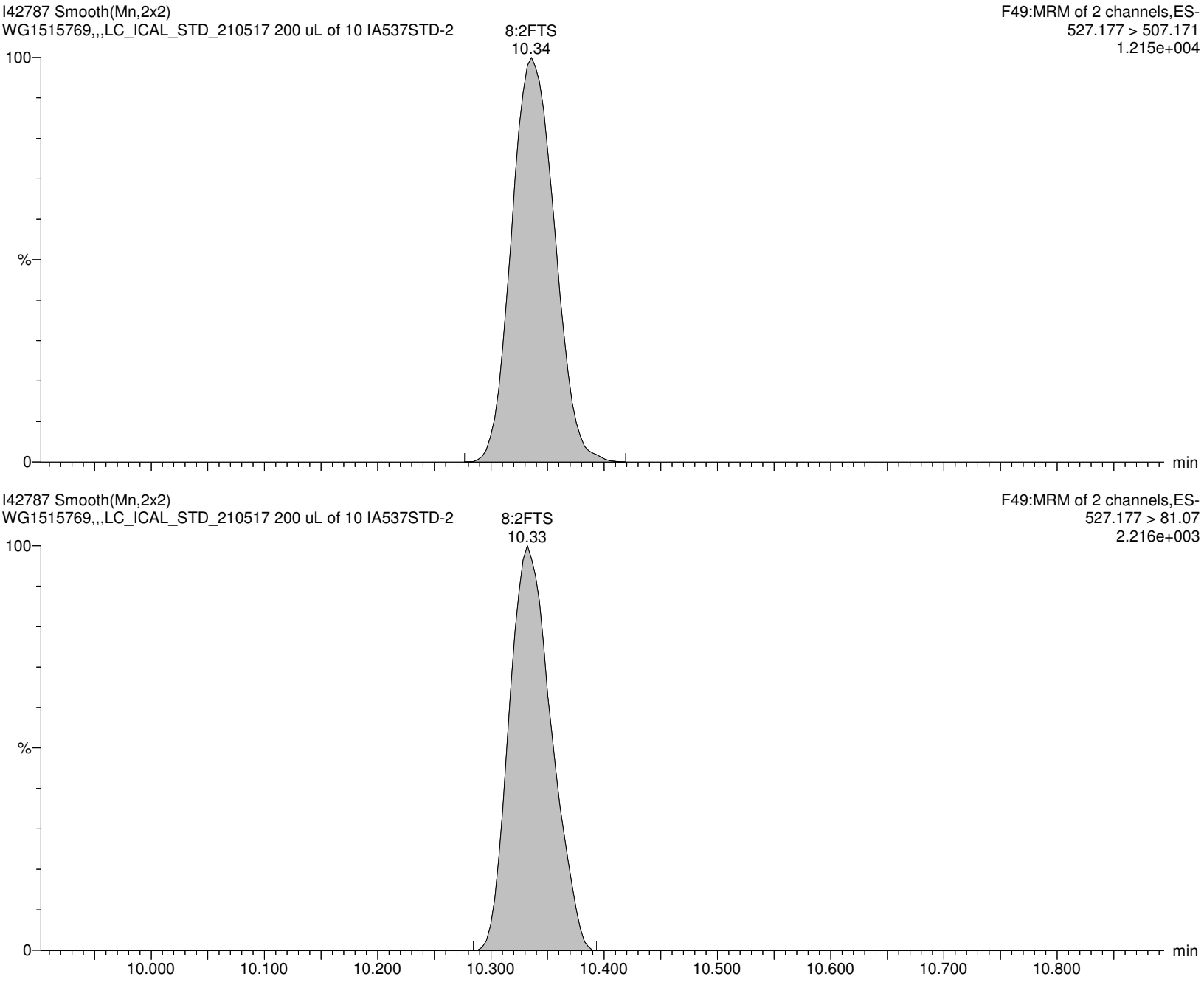


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

8:2FTS

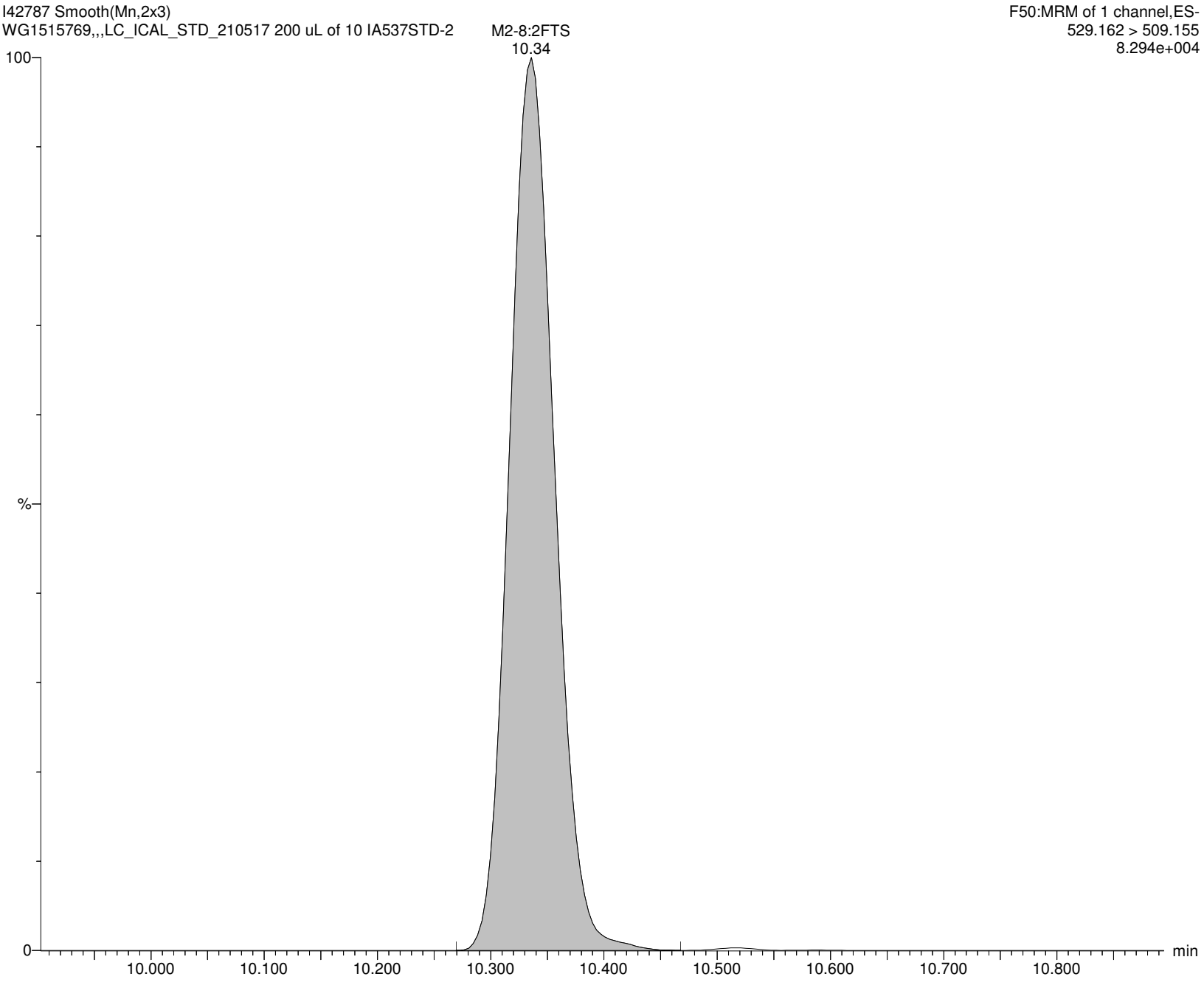


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-8:2FTS

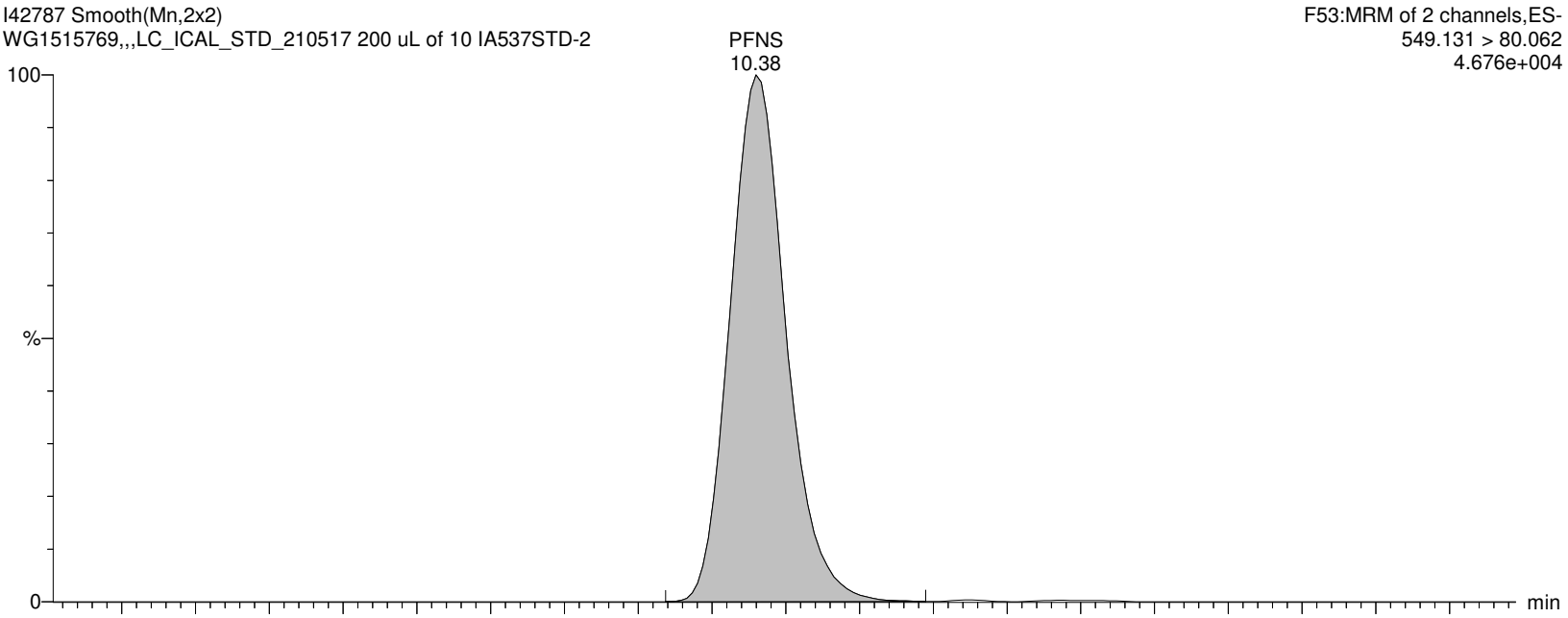


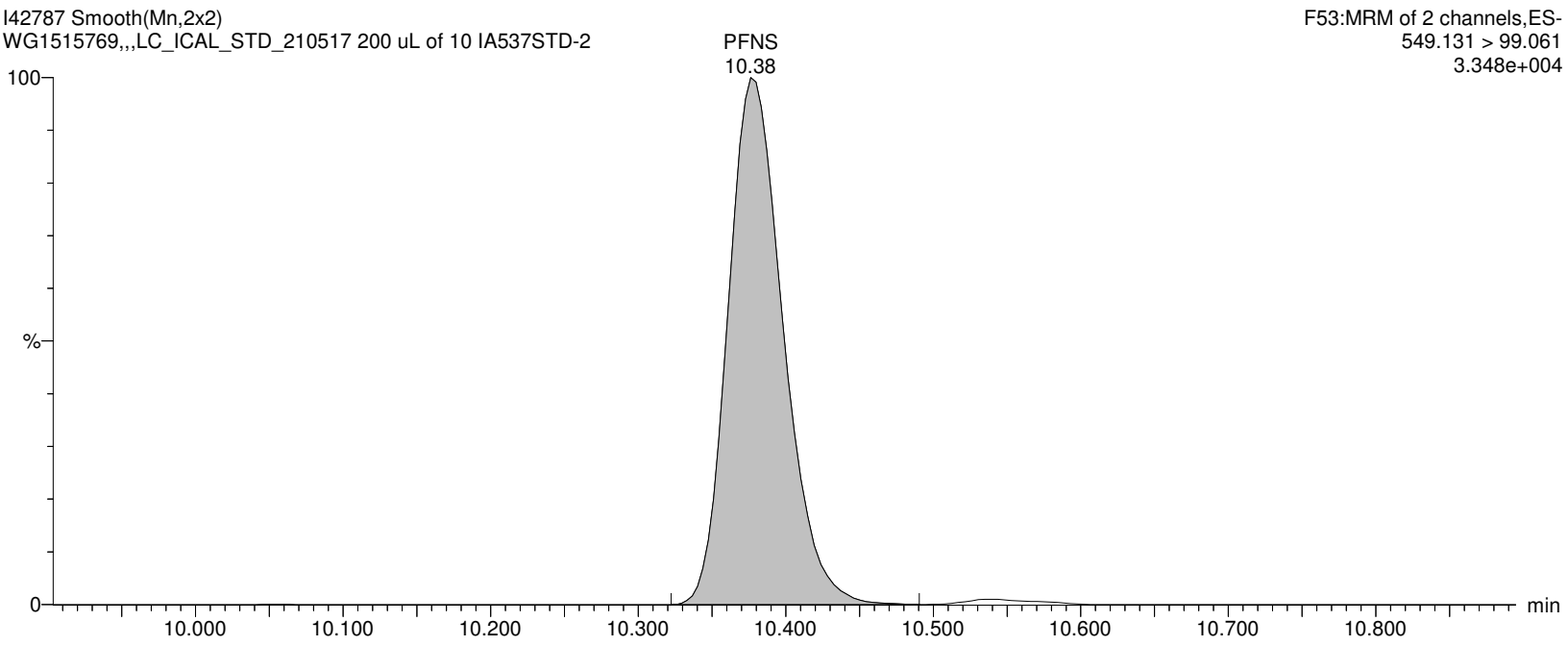
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNS



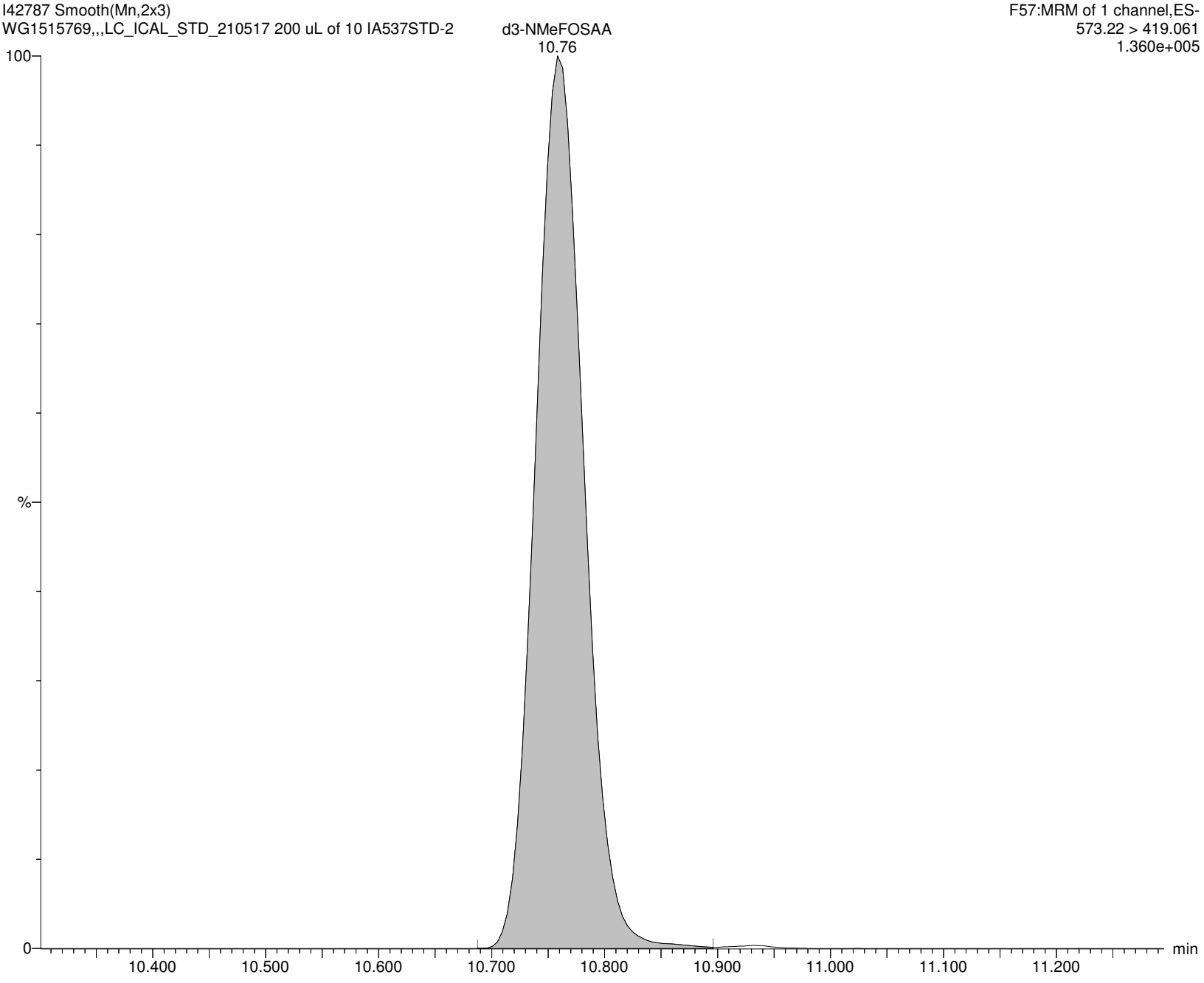


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSAA

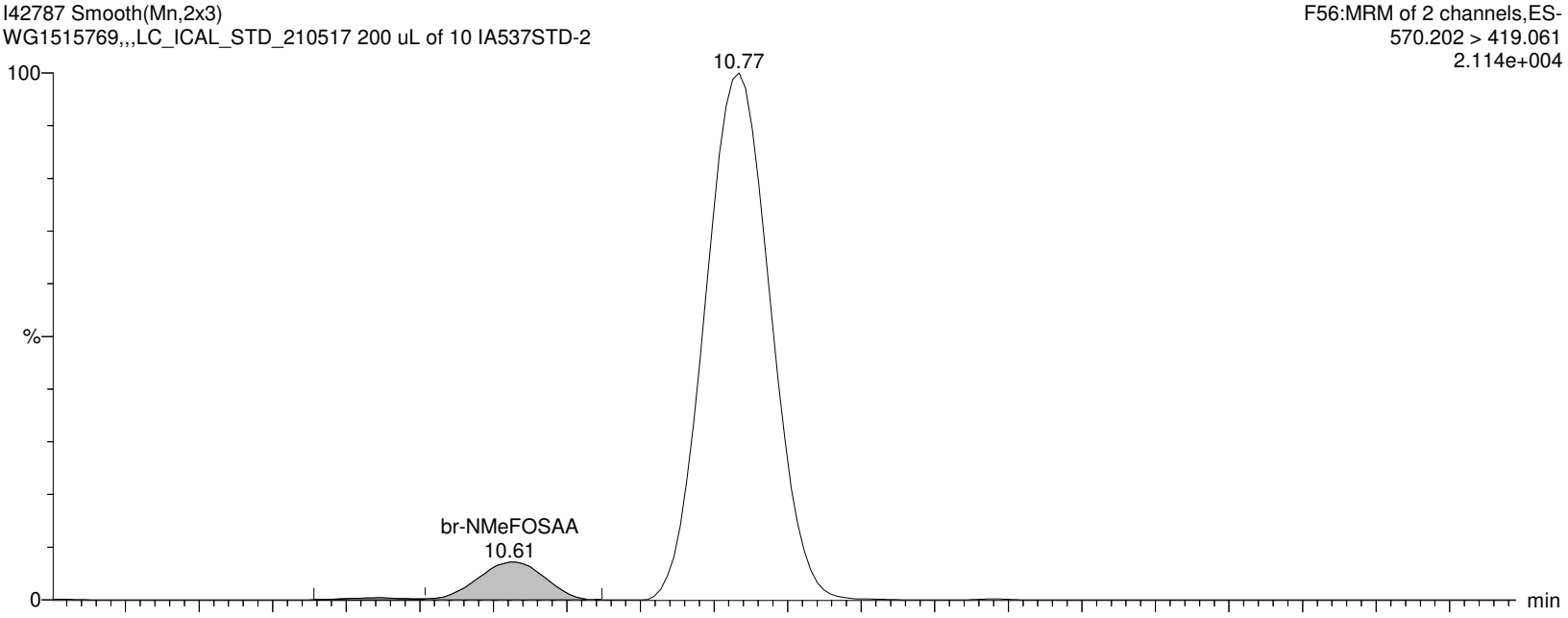


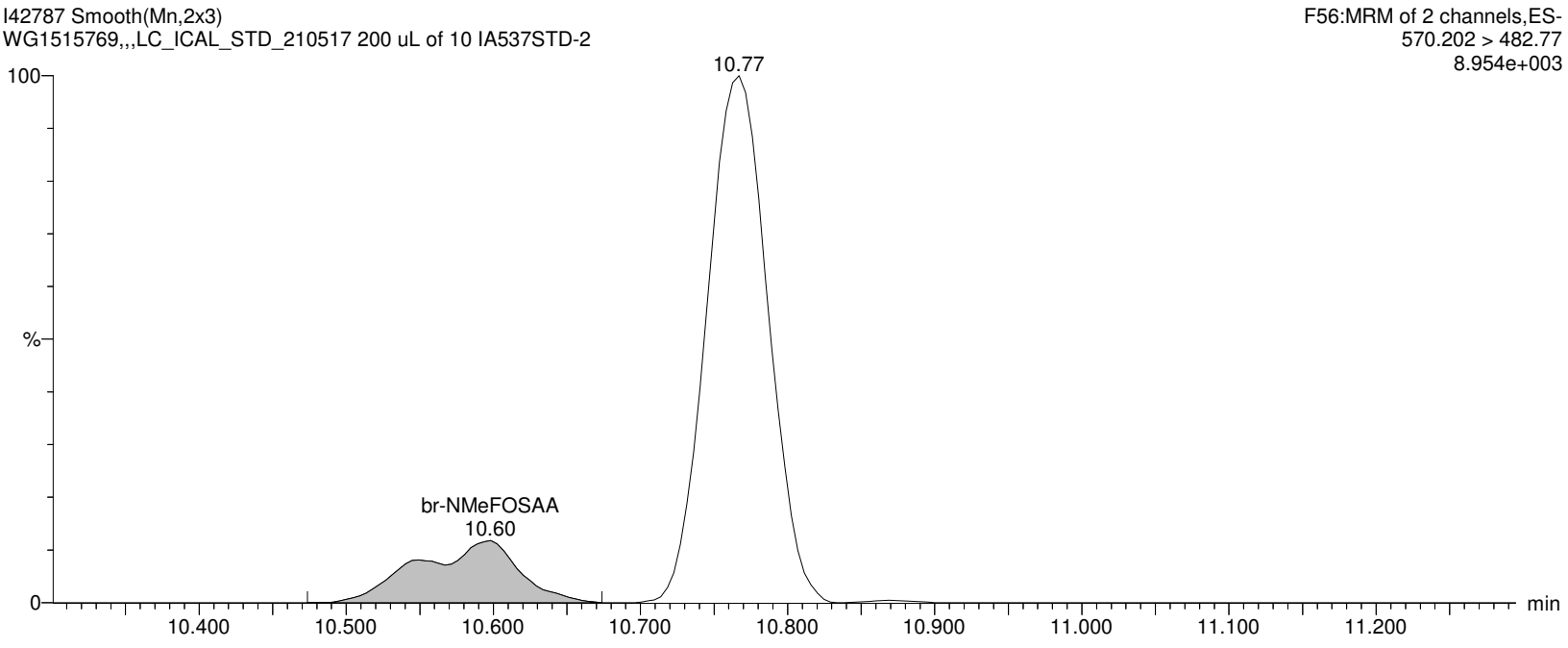
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NMeFOSAA



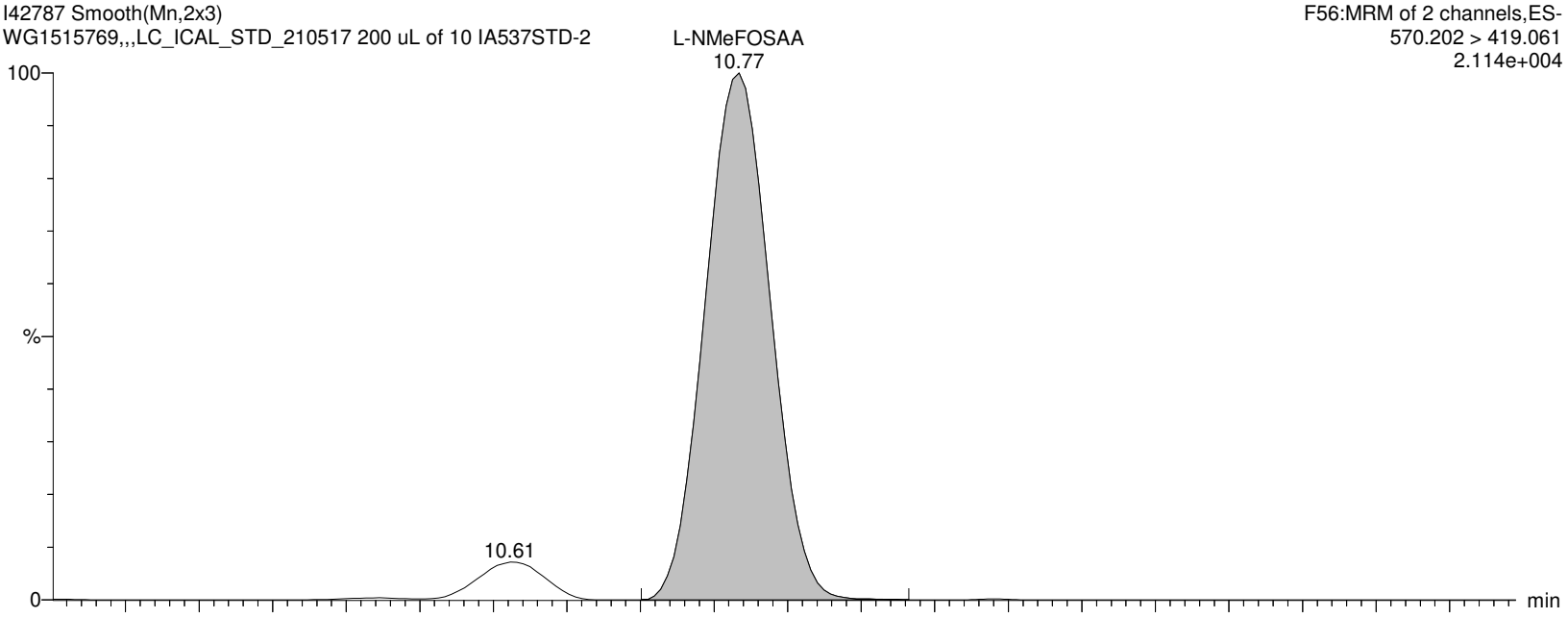


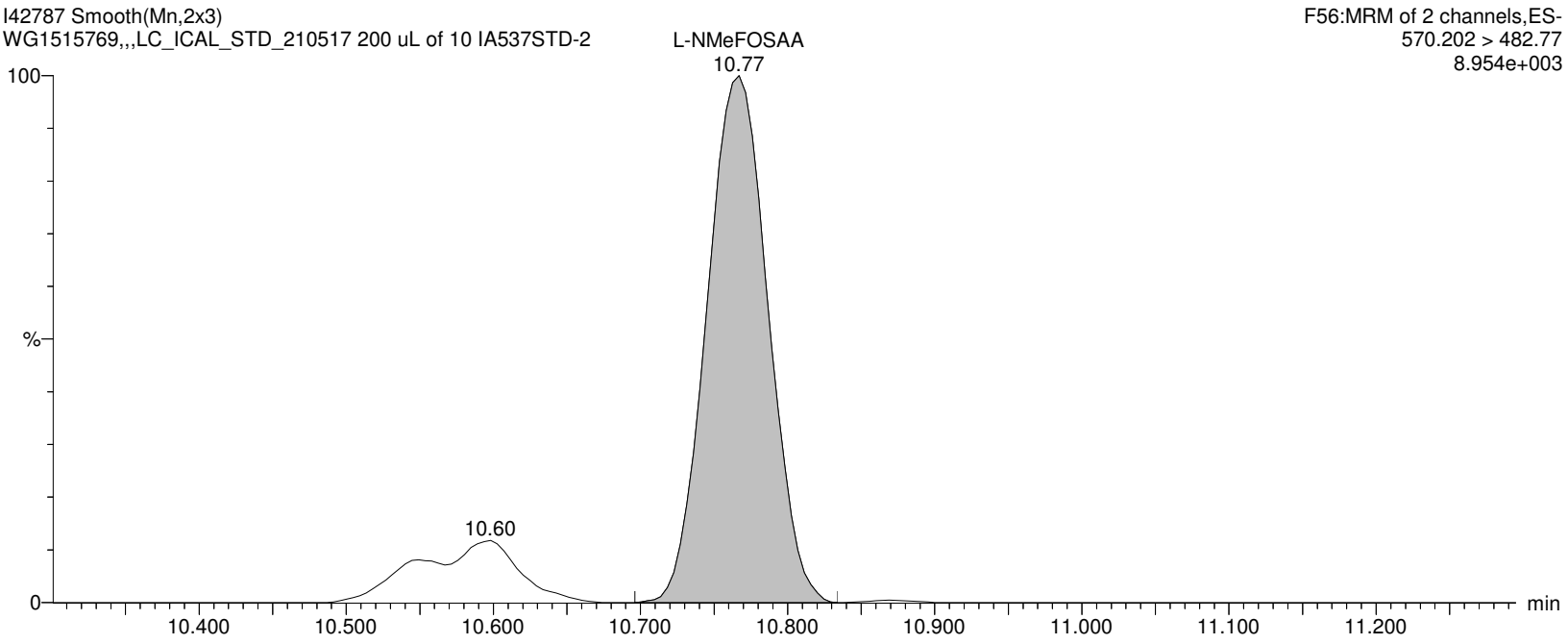
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NMeFOSAA



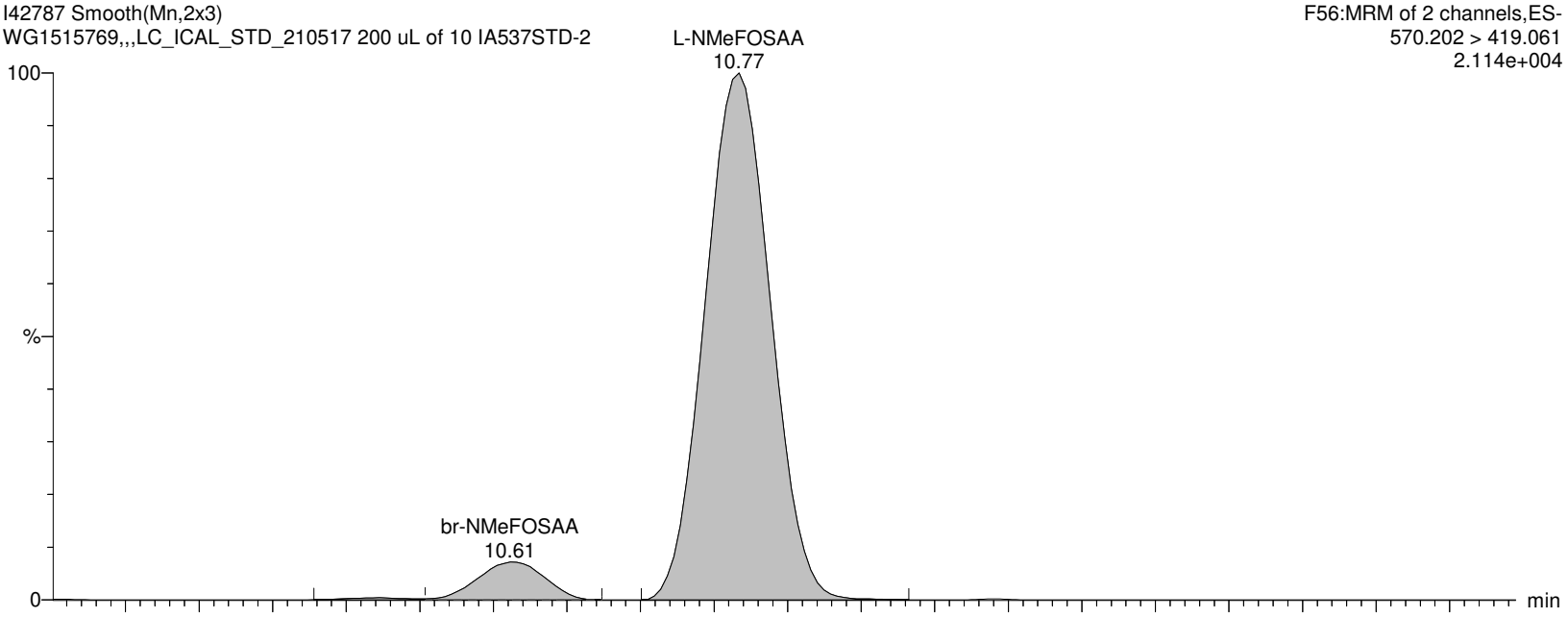


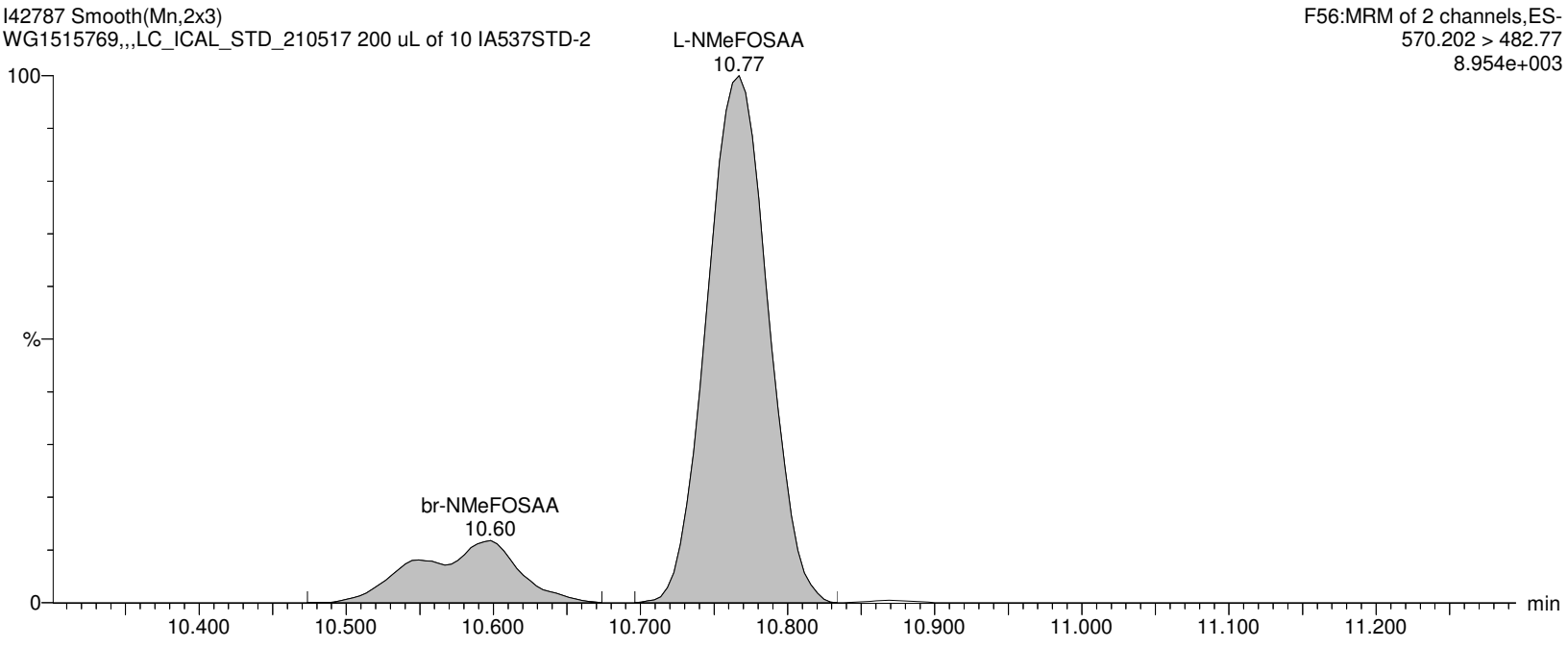
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSAA



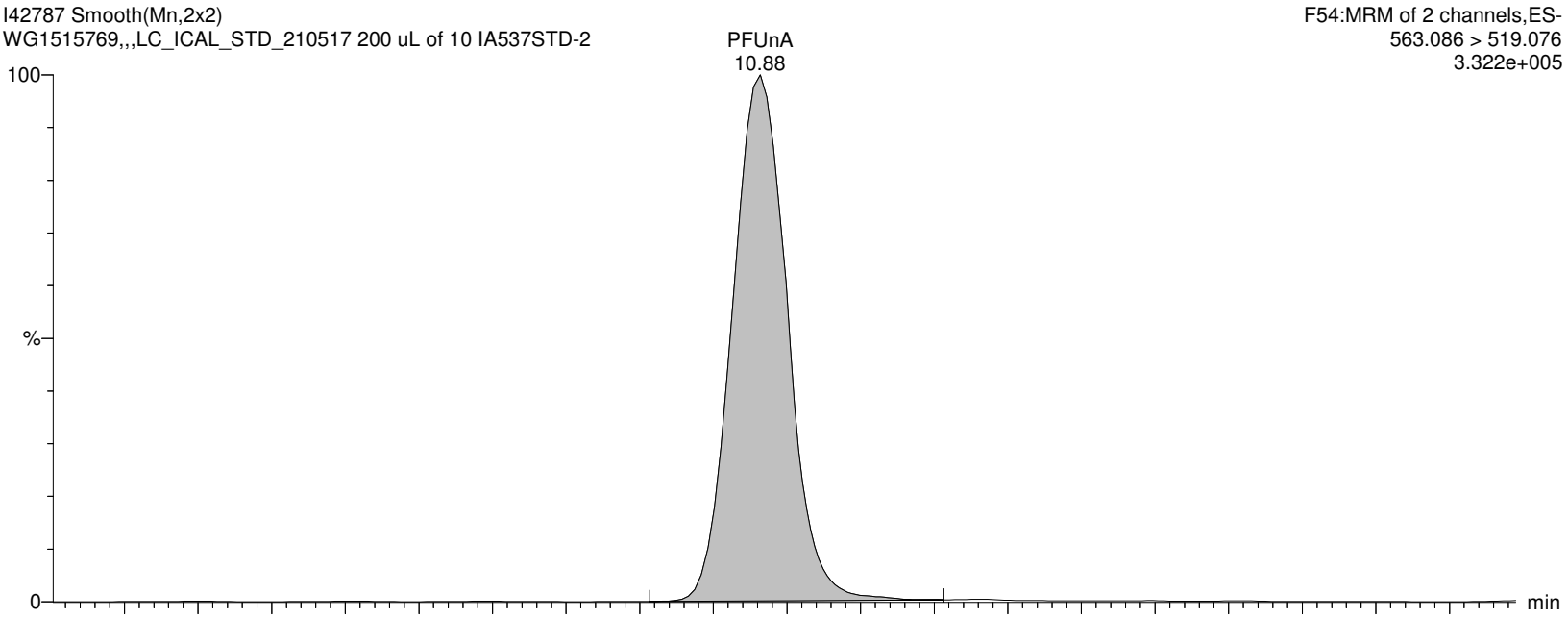


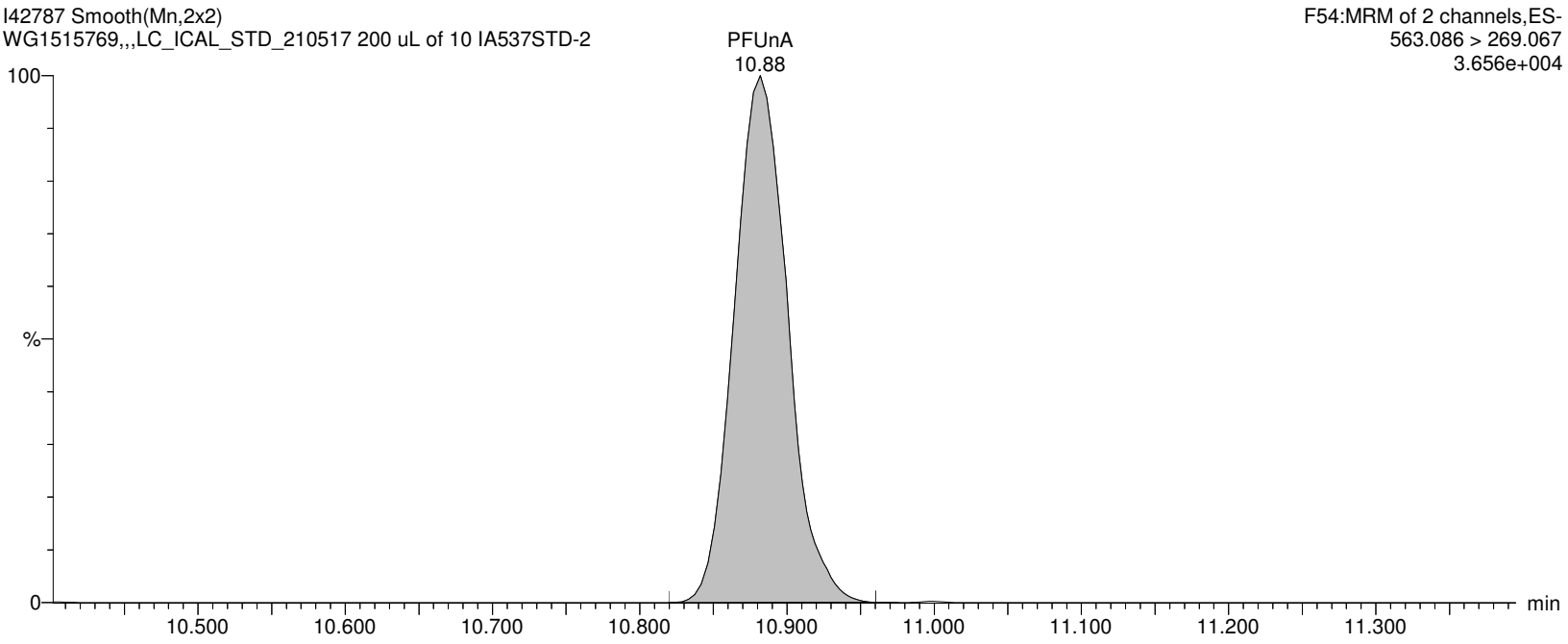
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFUnA



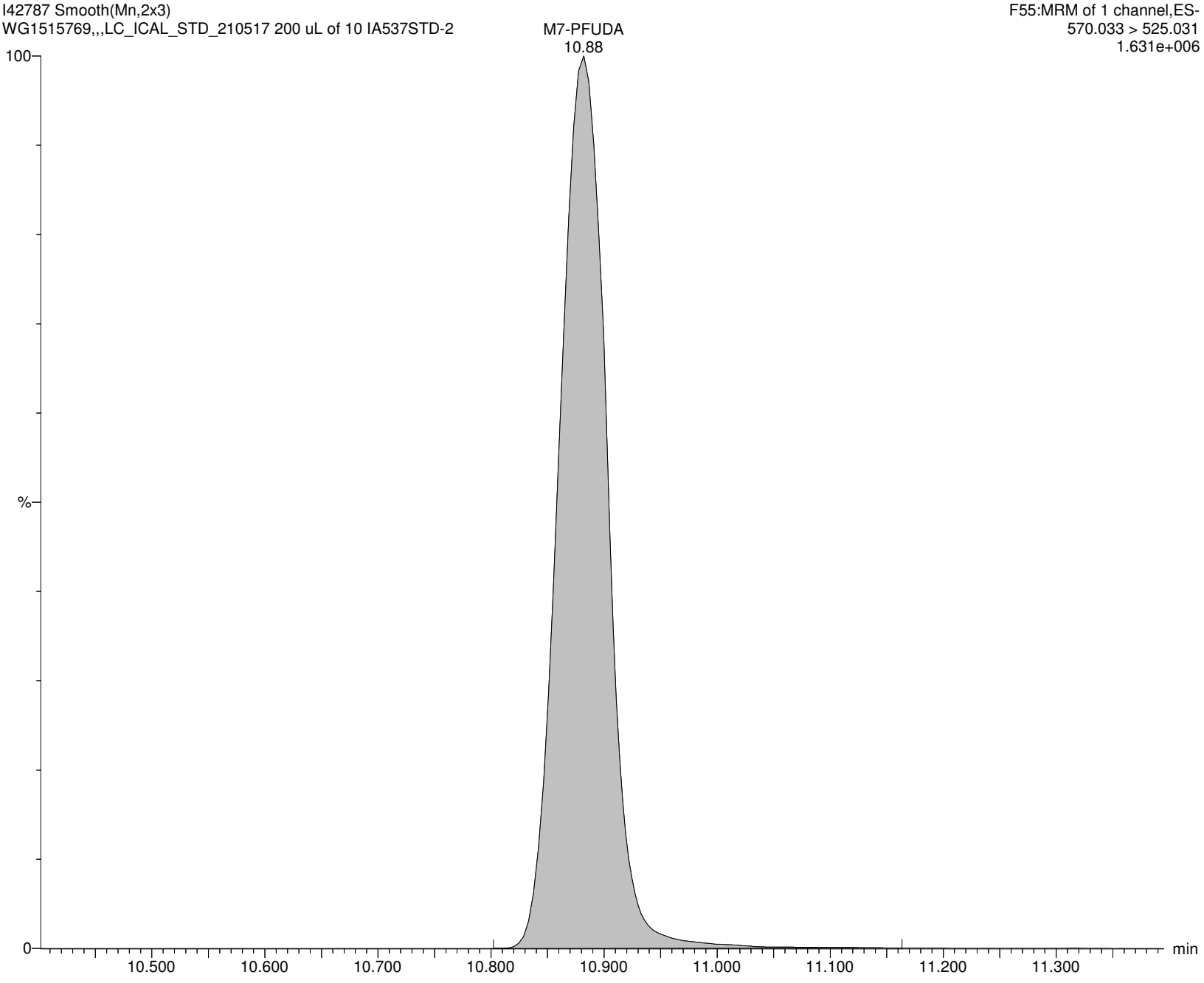


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M7-PFUDA

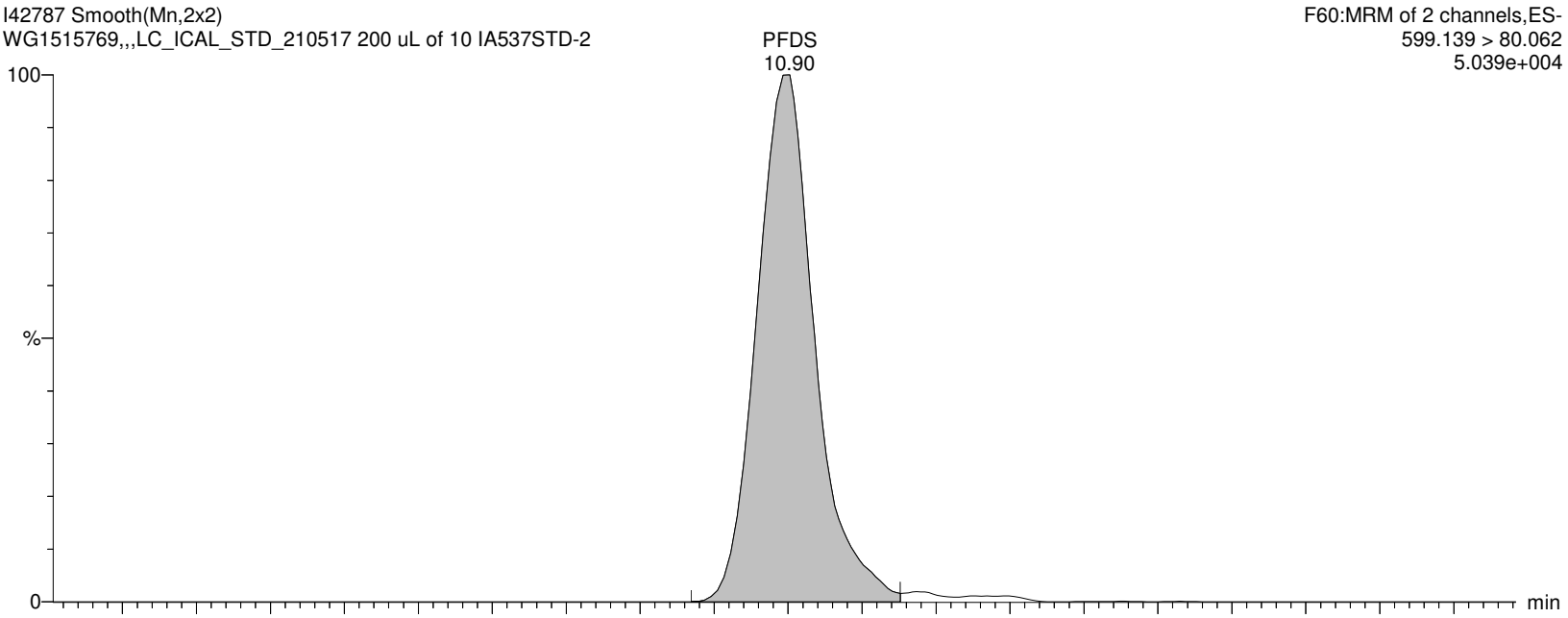


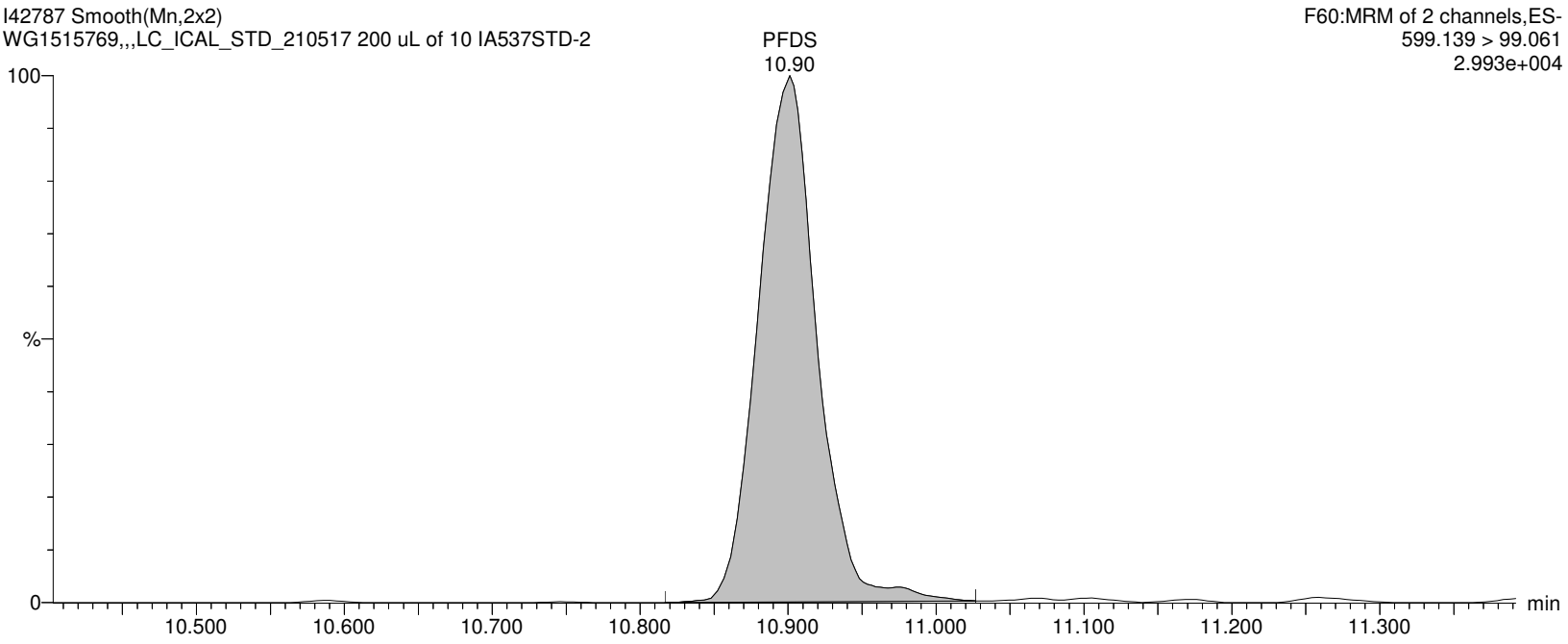
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDS



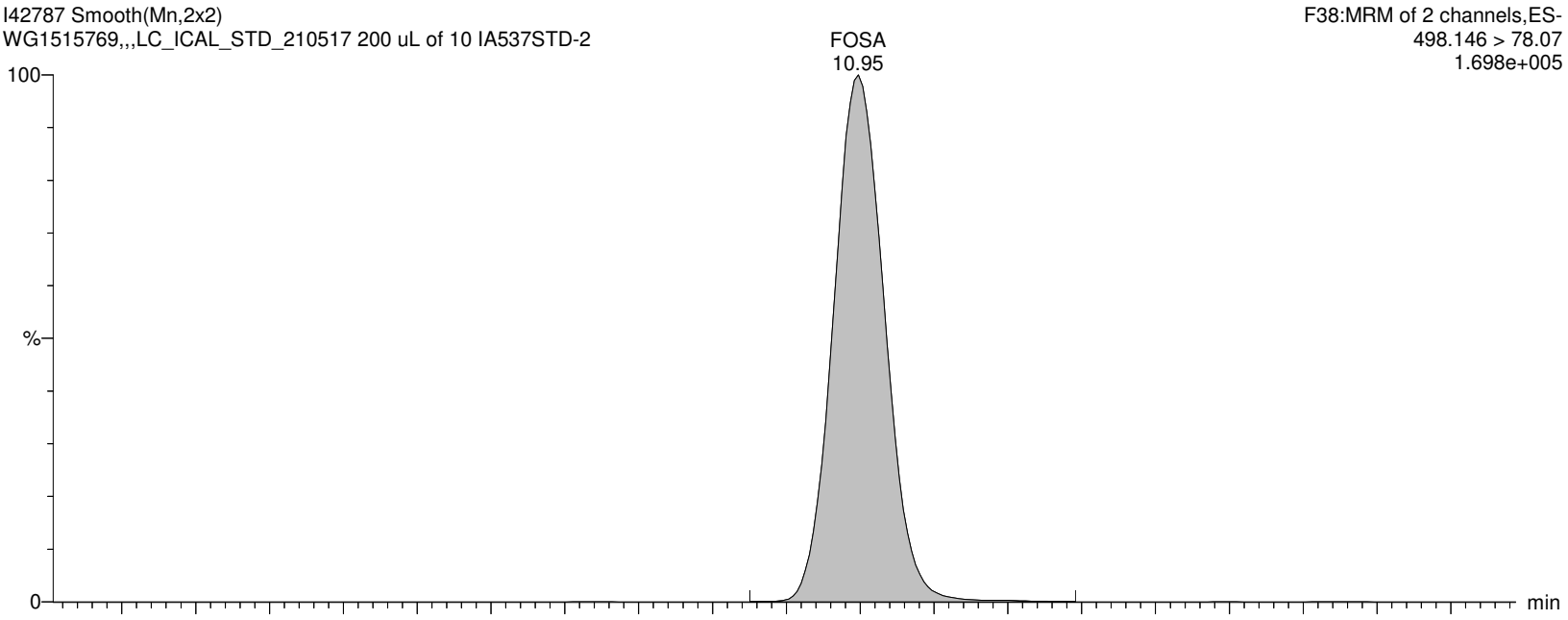


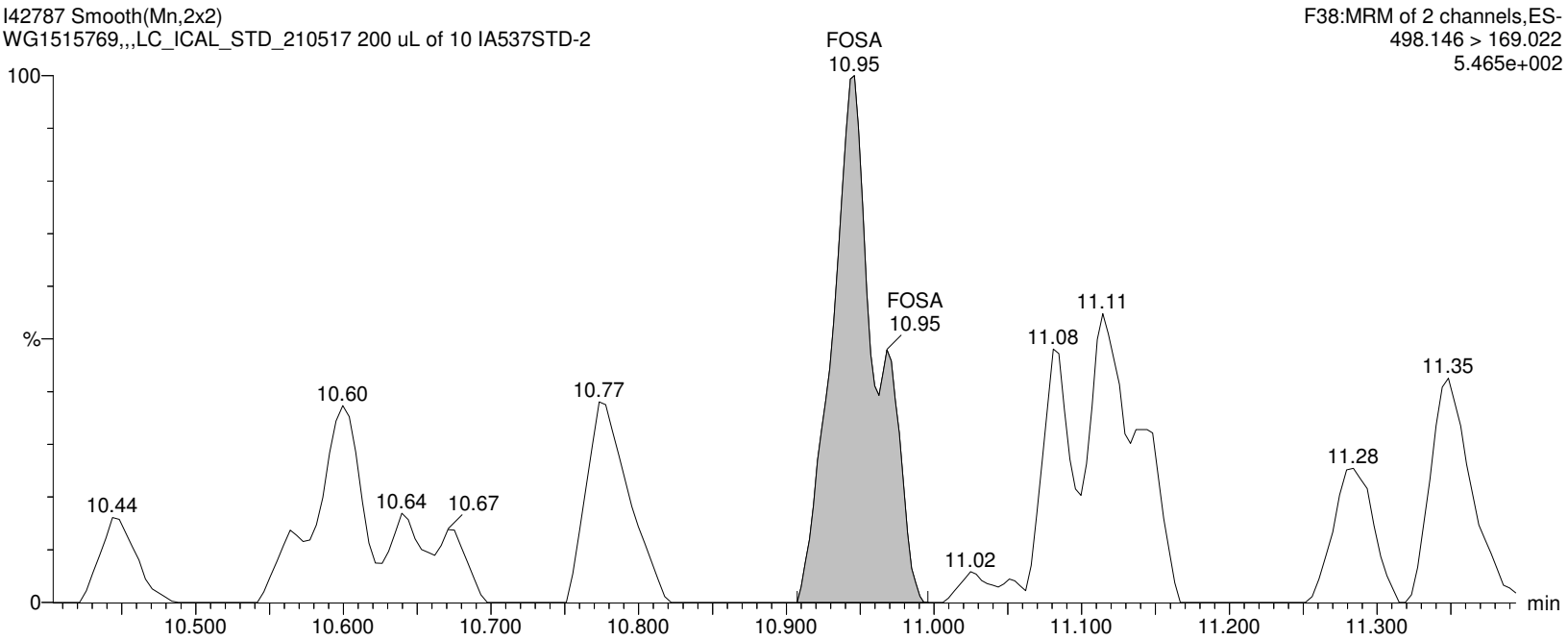
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

FOSA



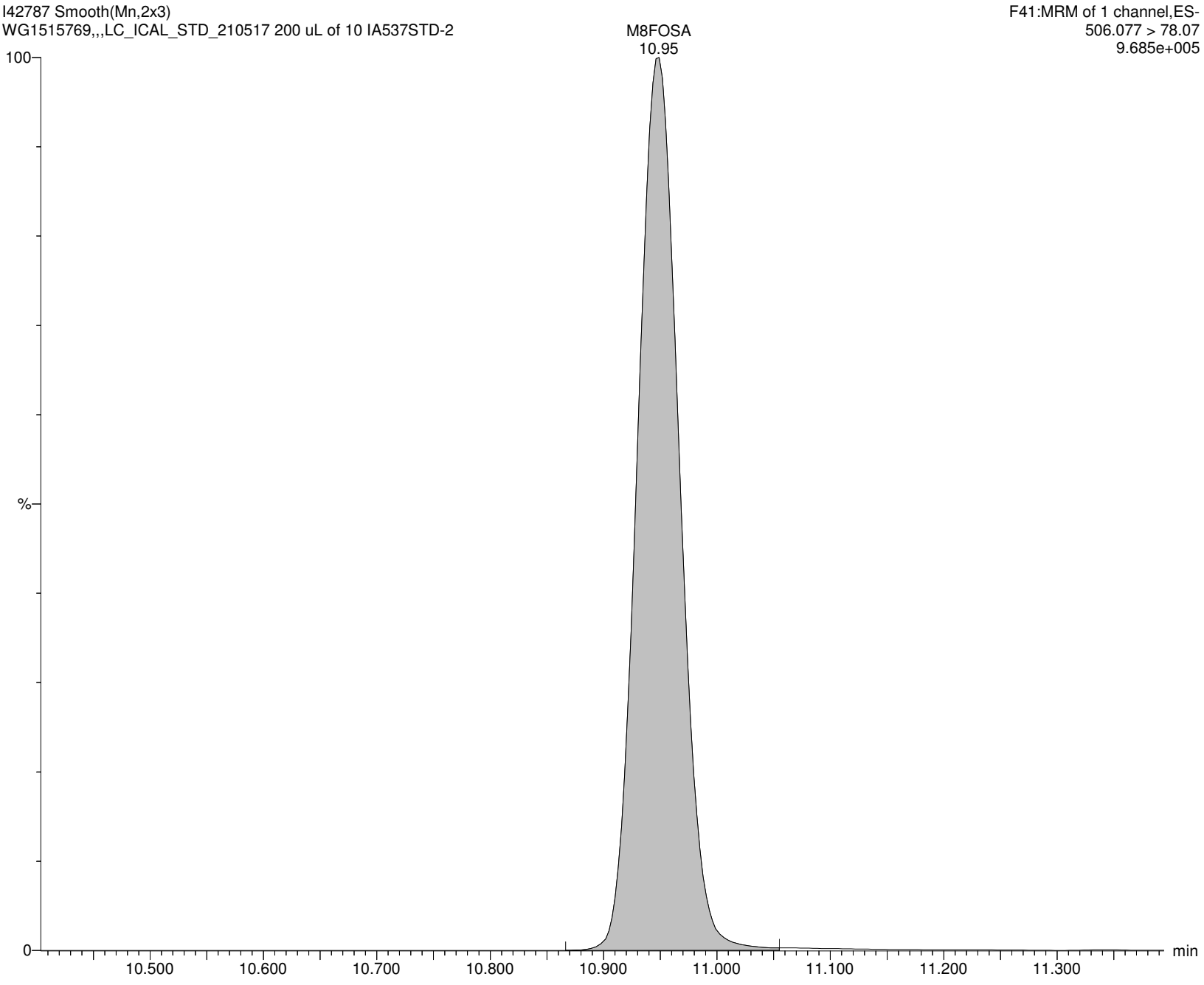


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

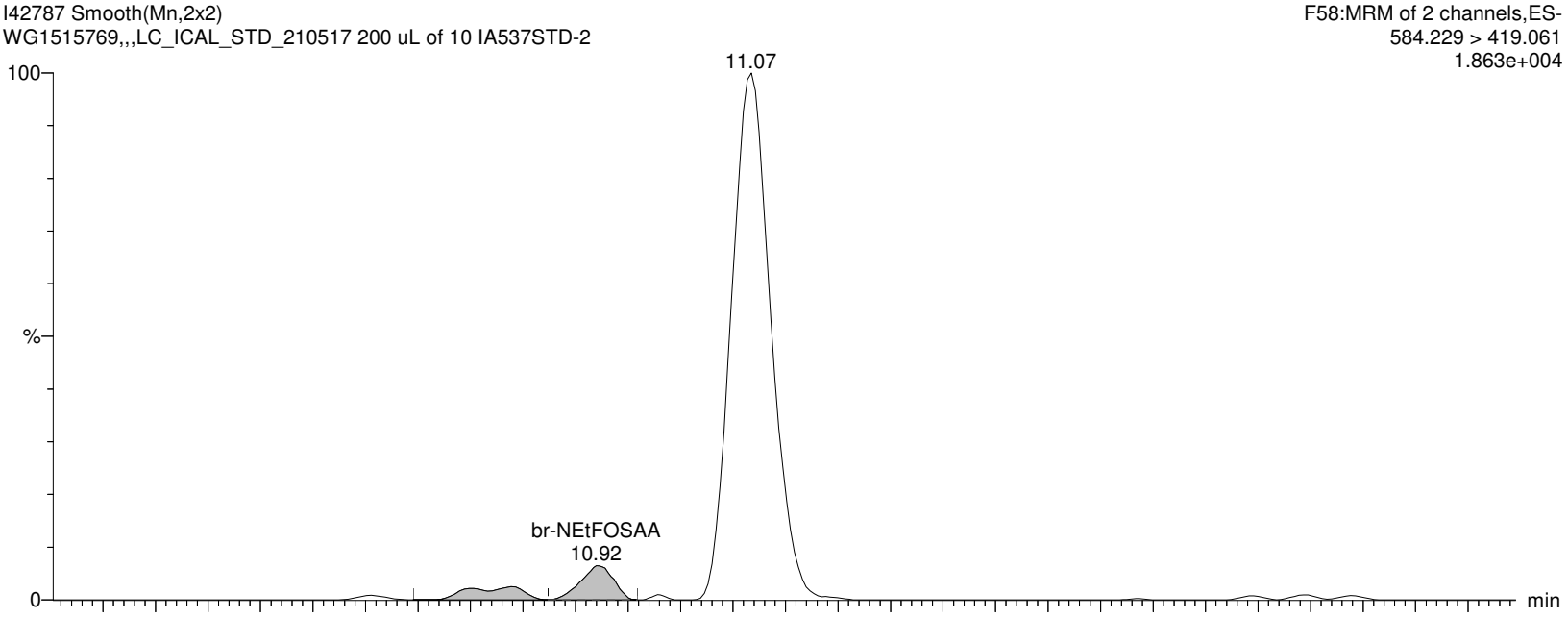
M8FOSA

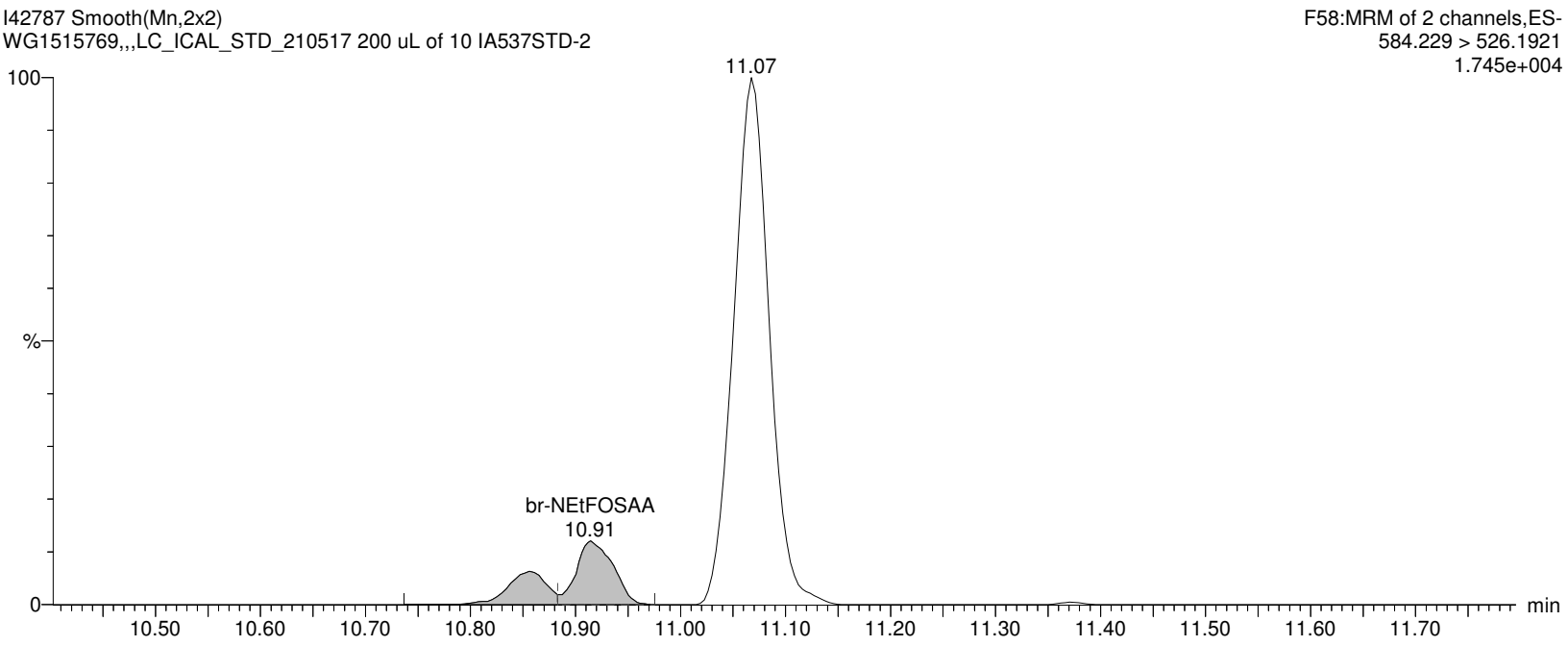


all concentration units in (ng/mL)

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NEtFOSAA

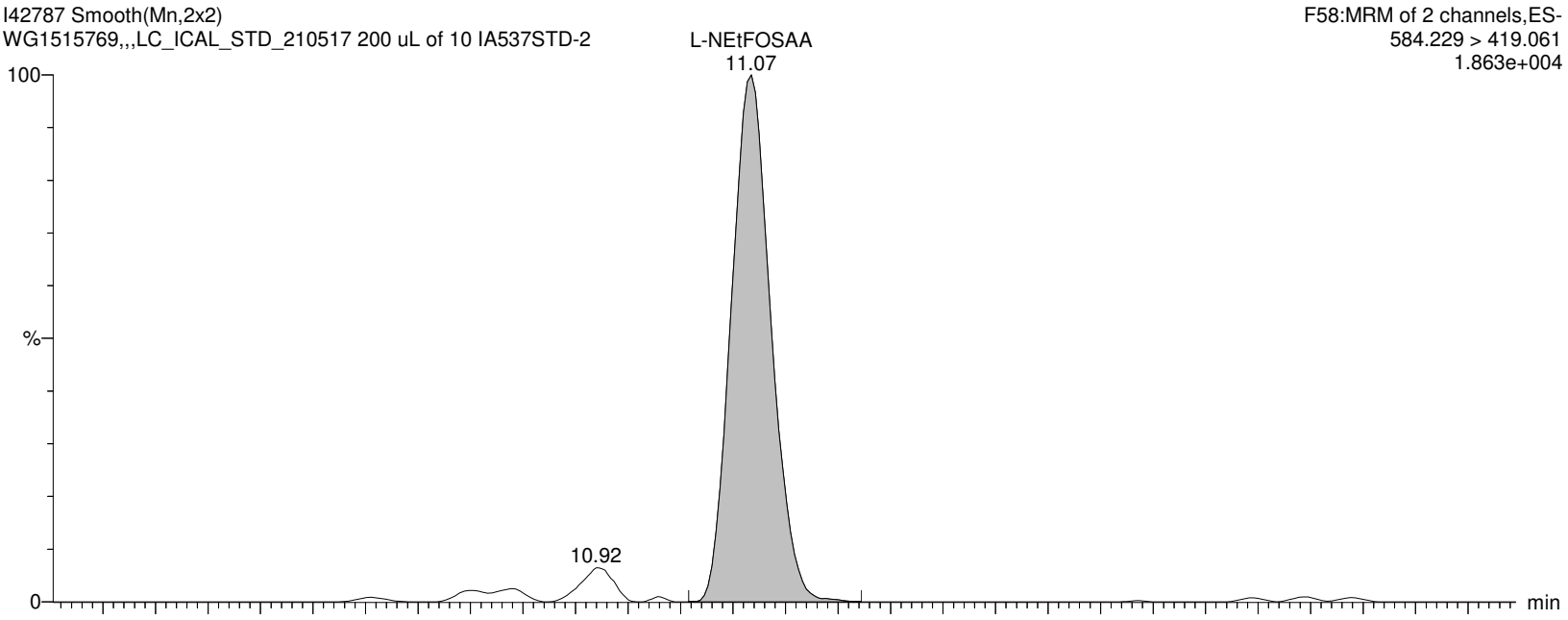


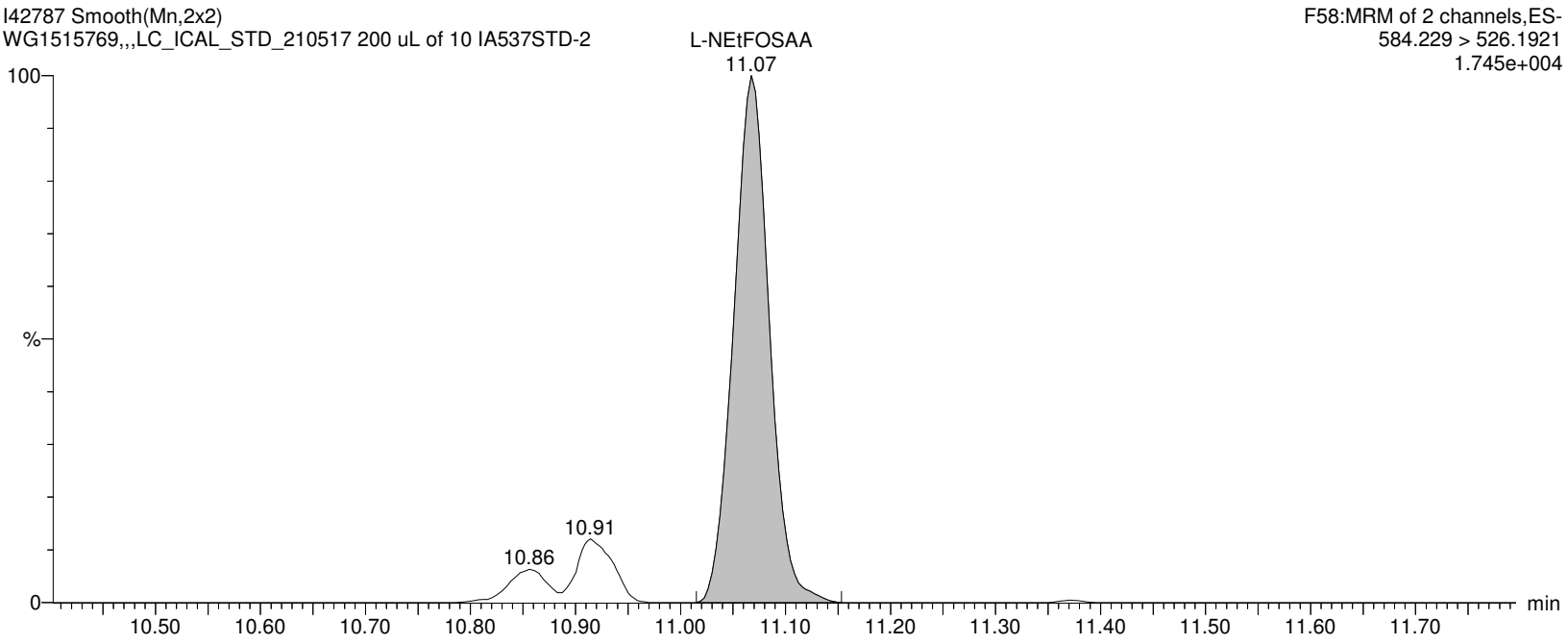


Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NEtFOSAA



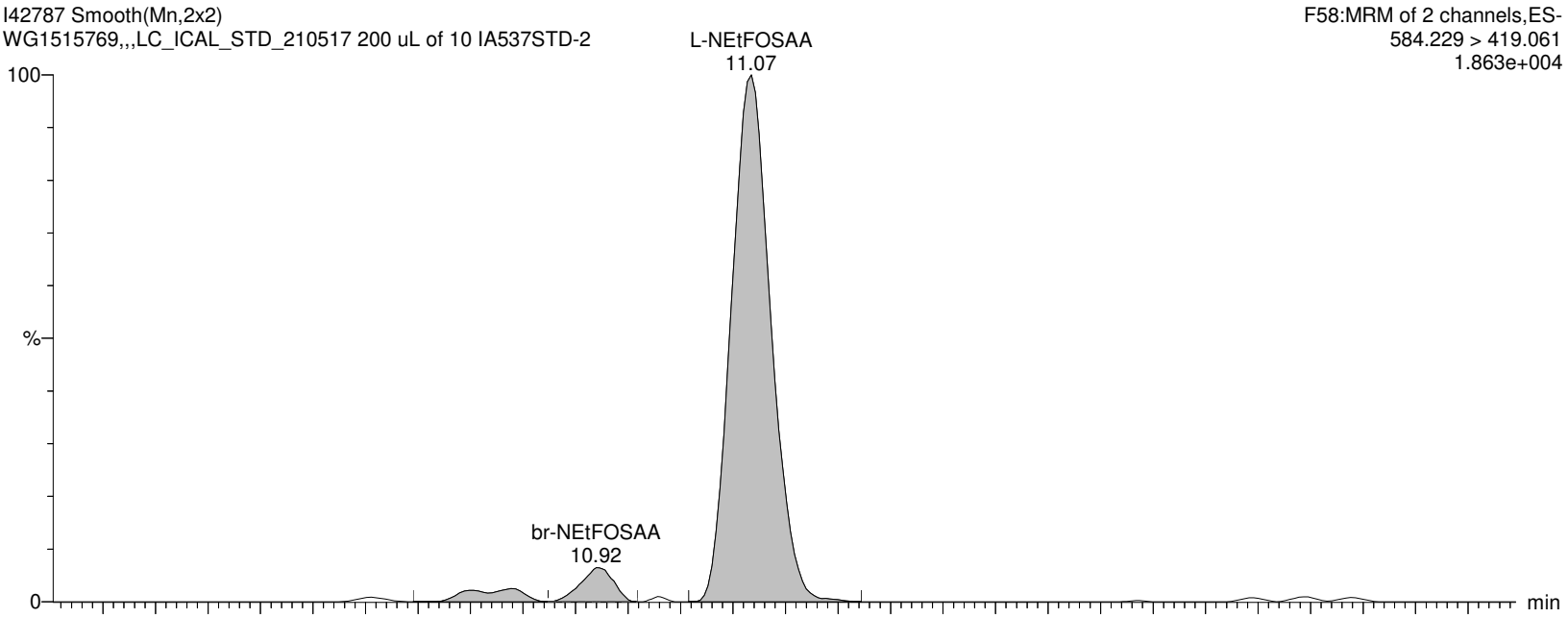


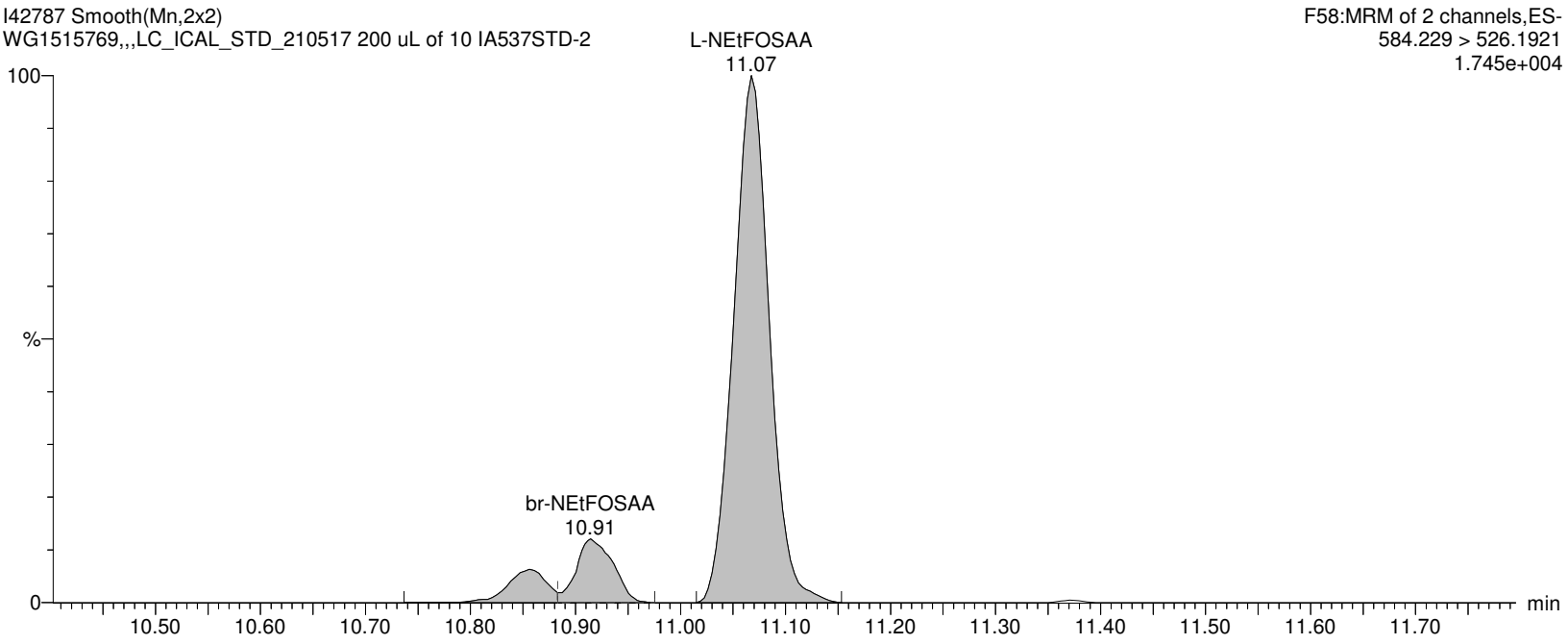
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSAA



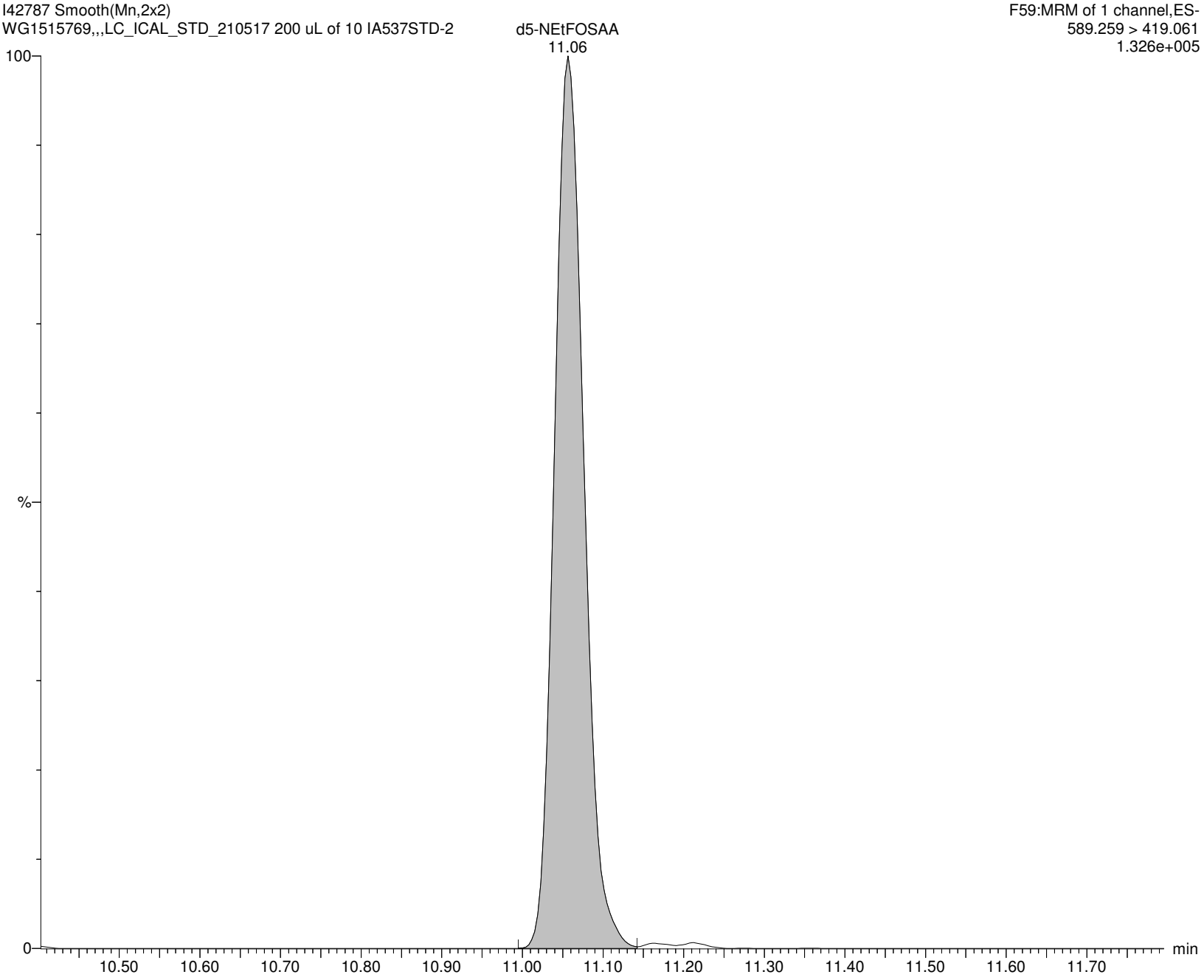


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSAA

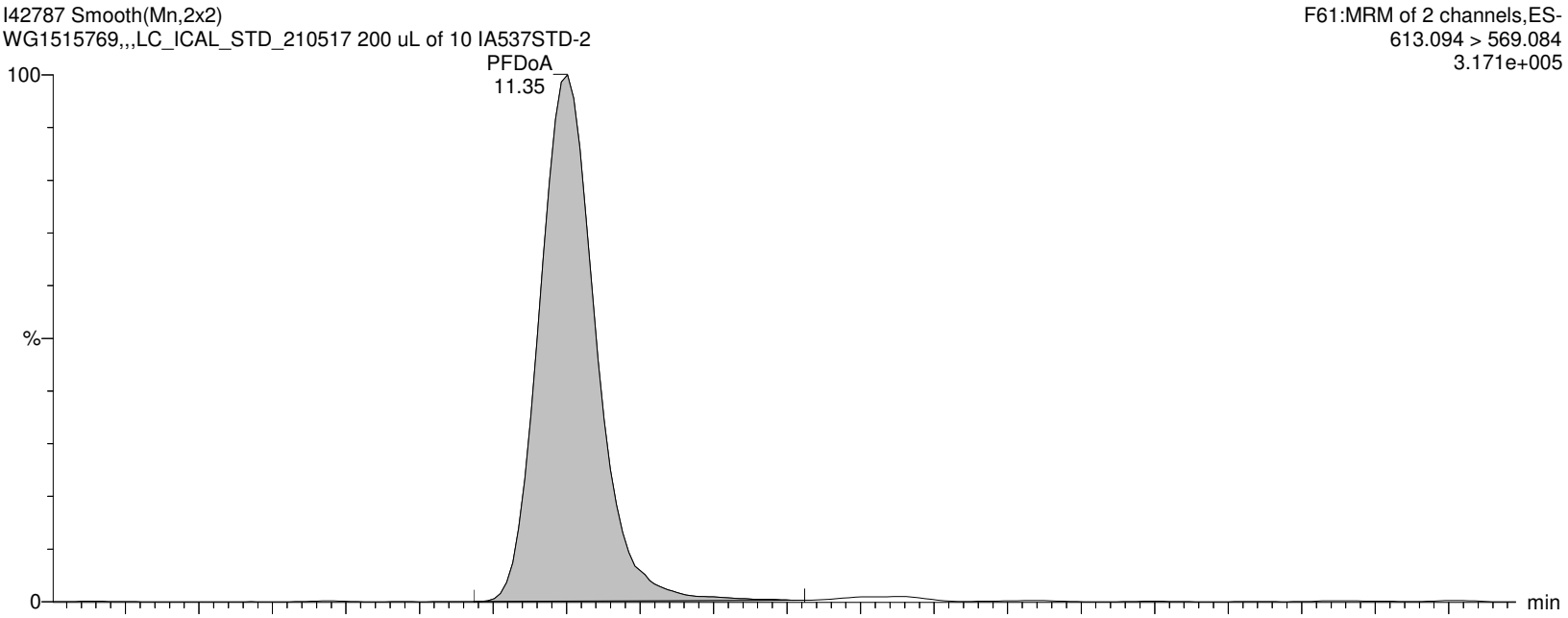


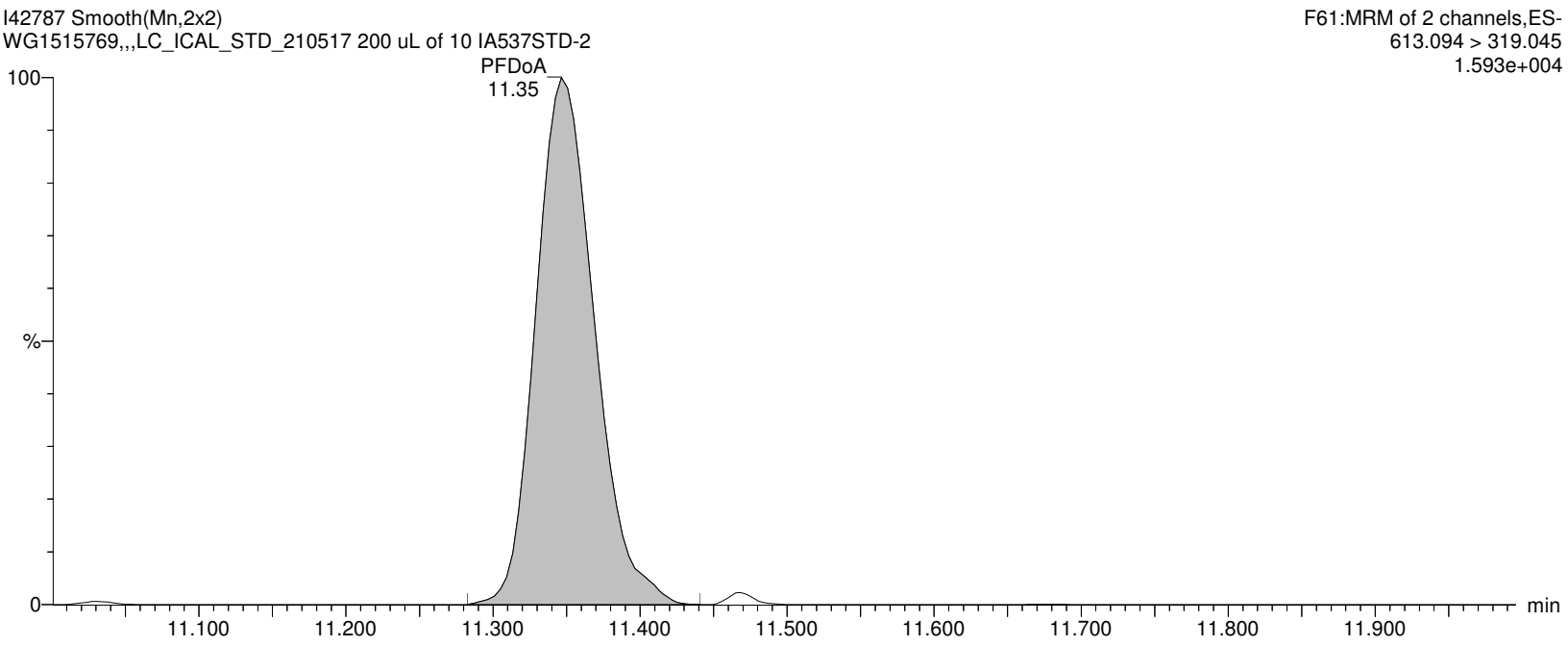
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoA



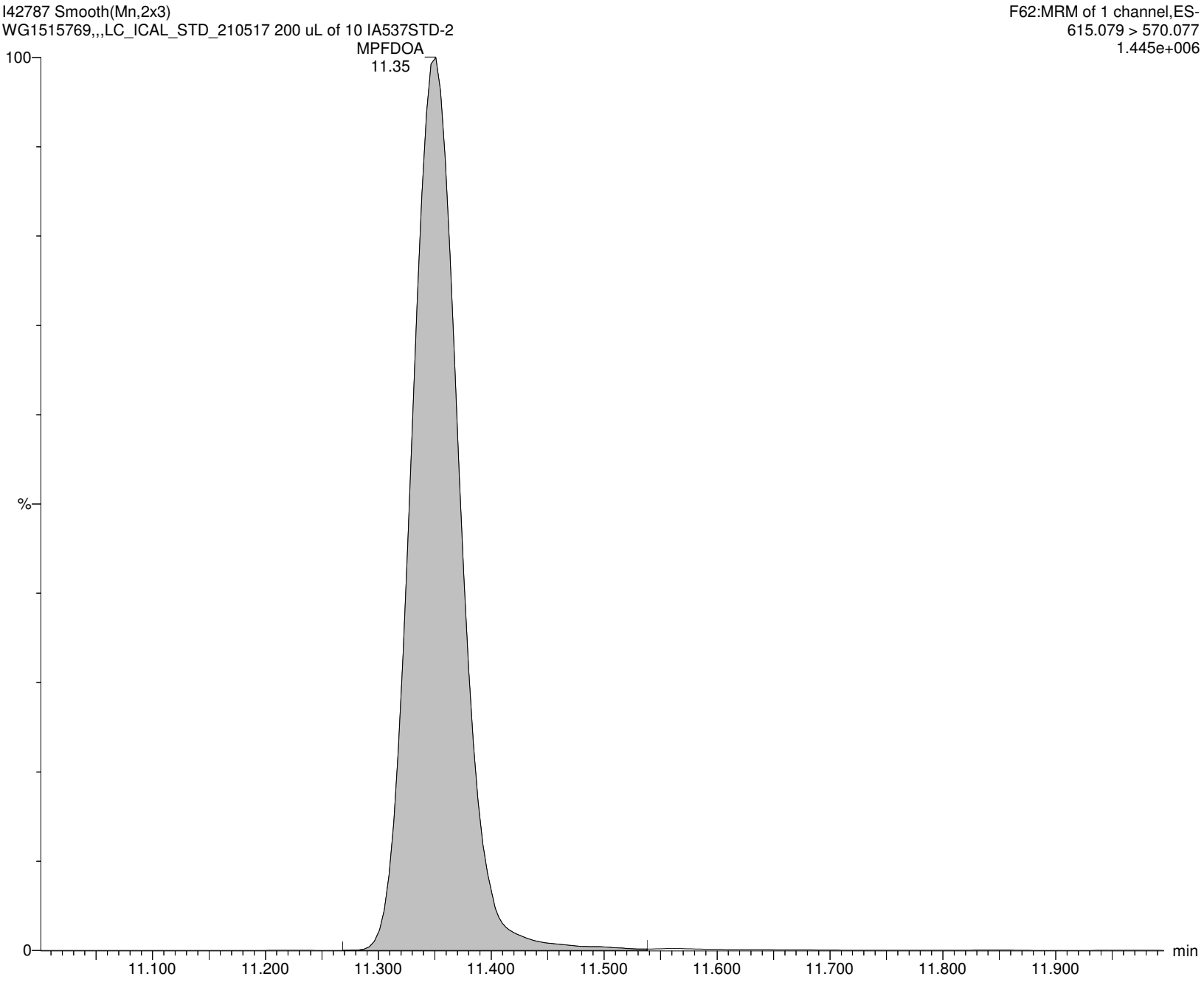


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFDOA

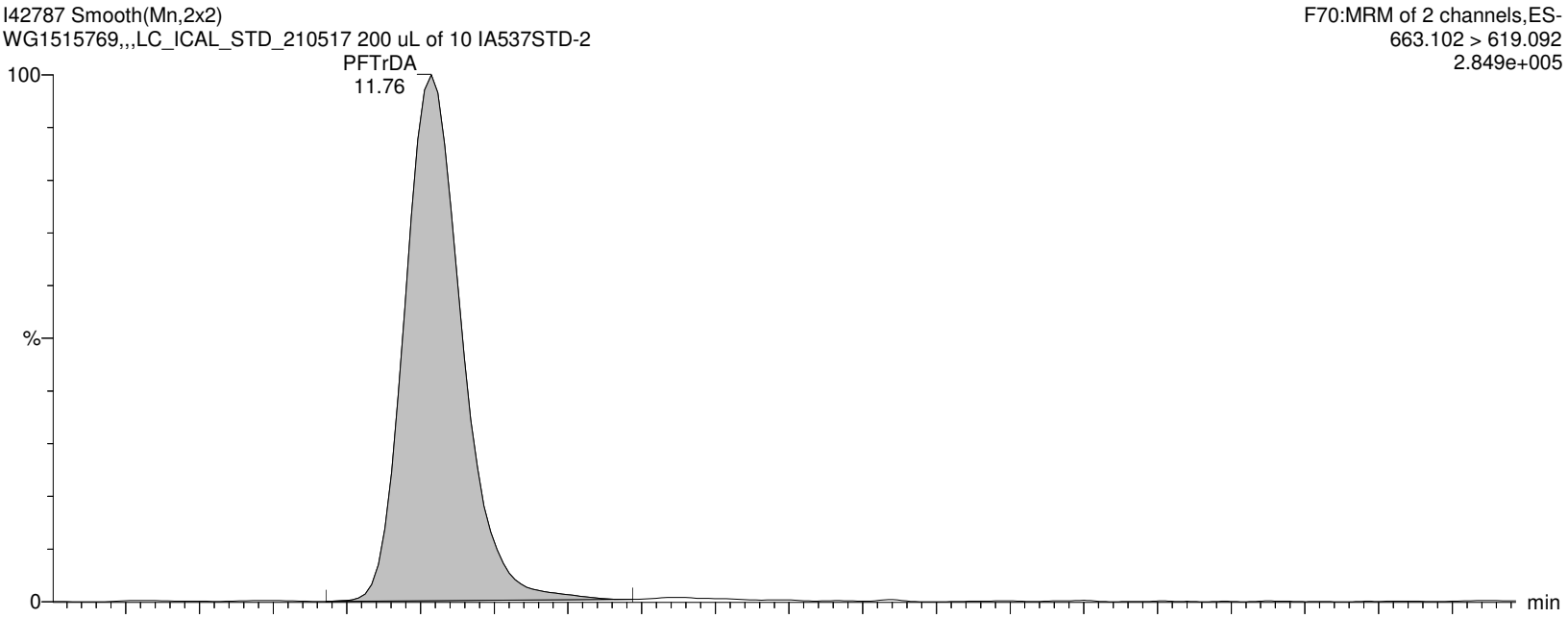


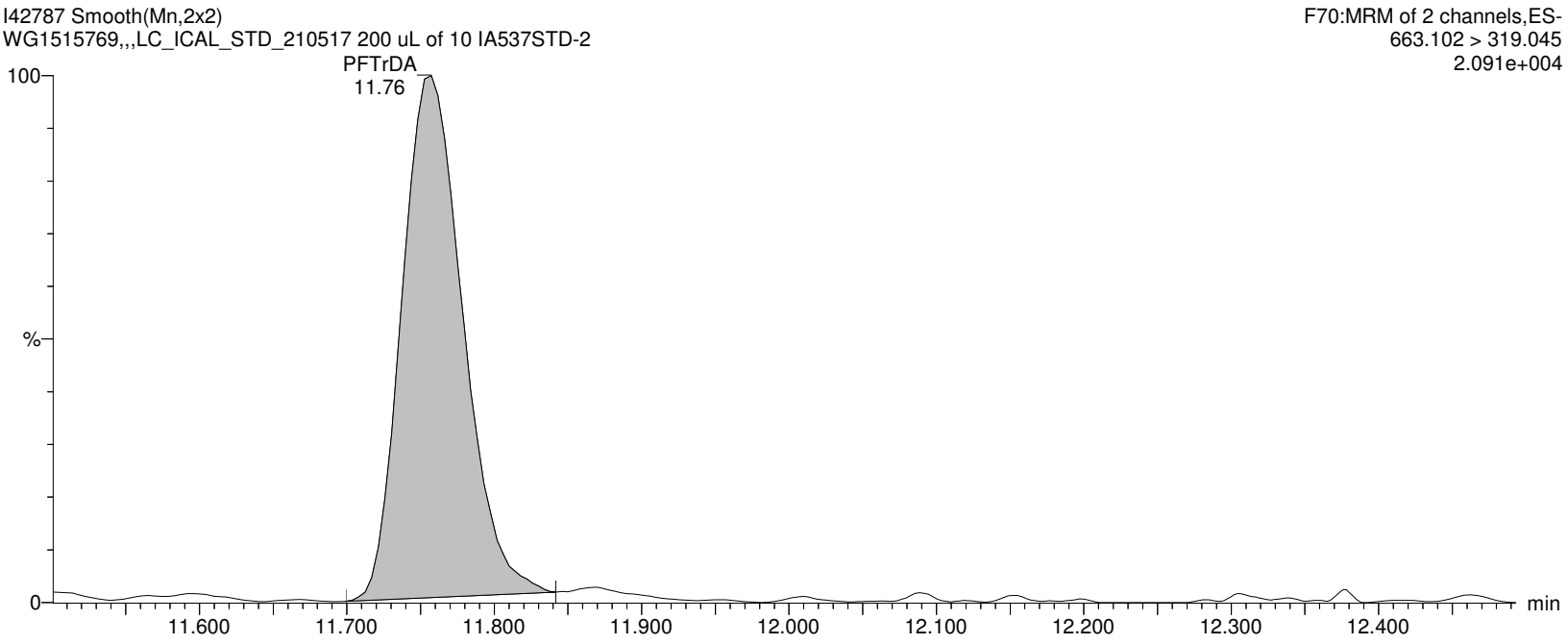
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTrDA



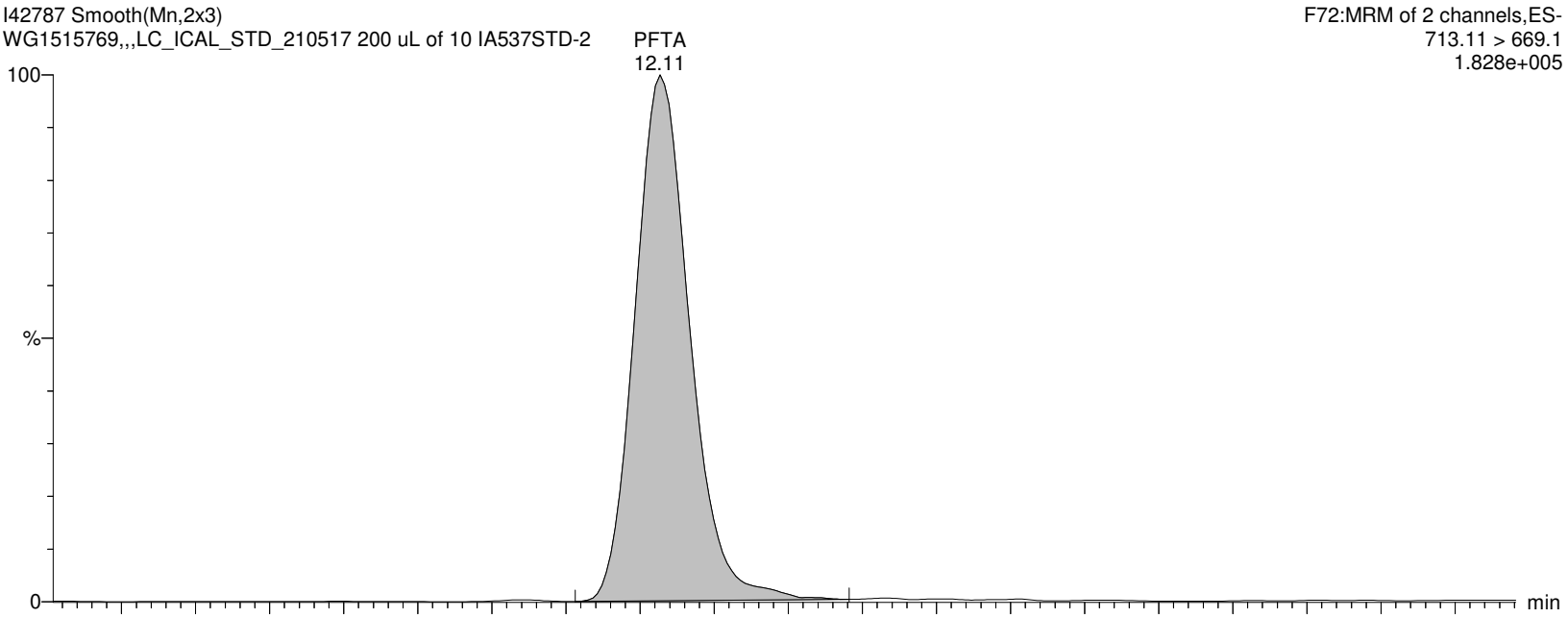


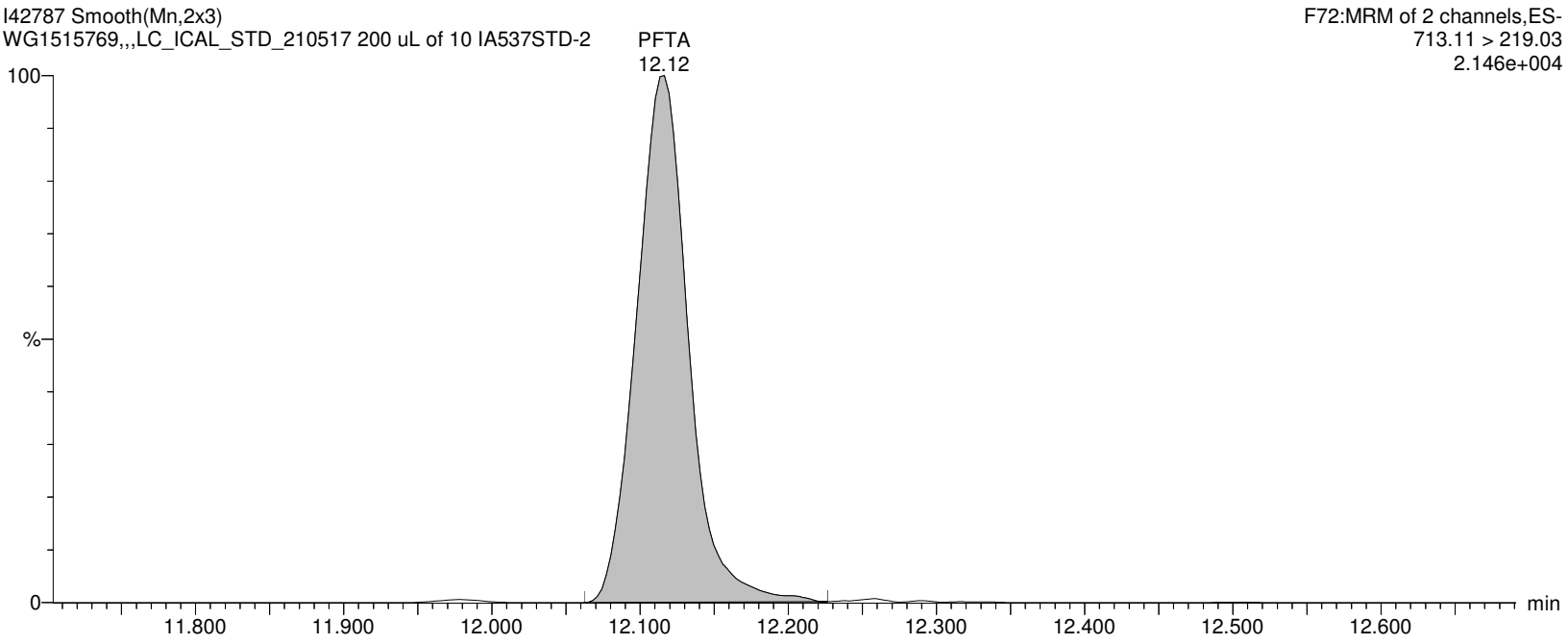
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTA



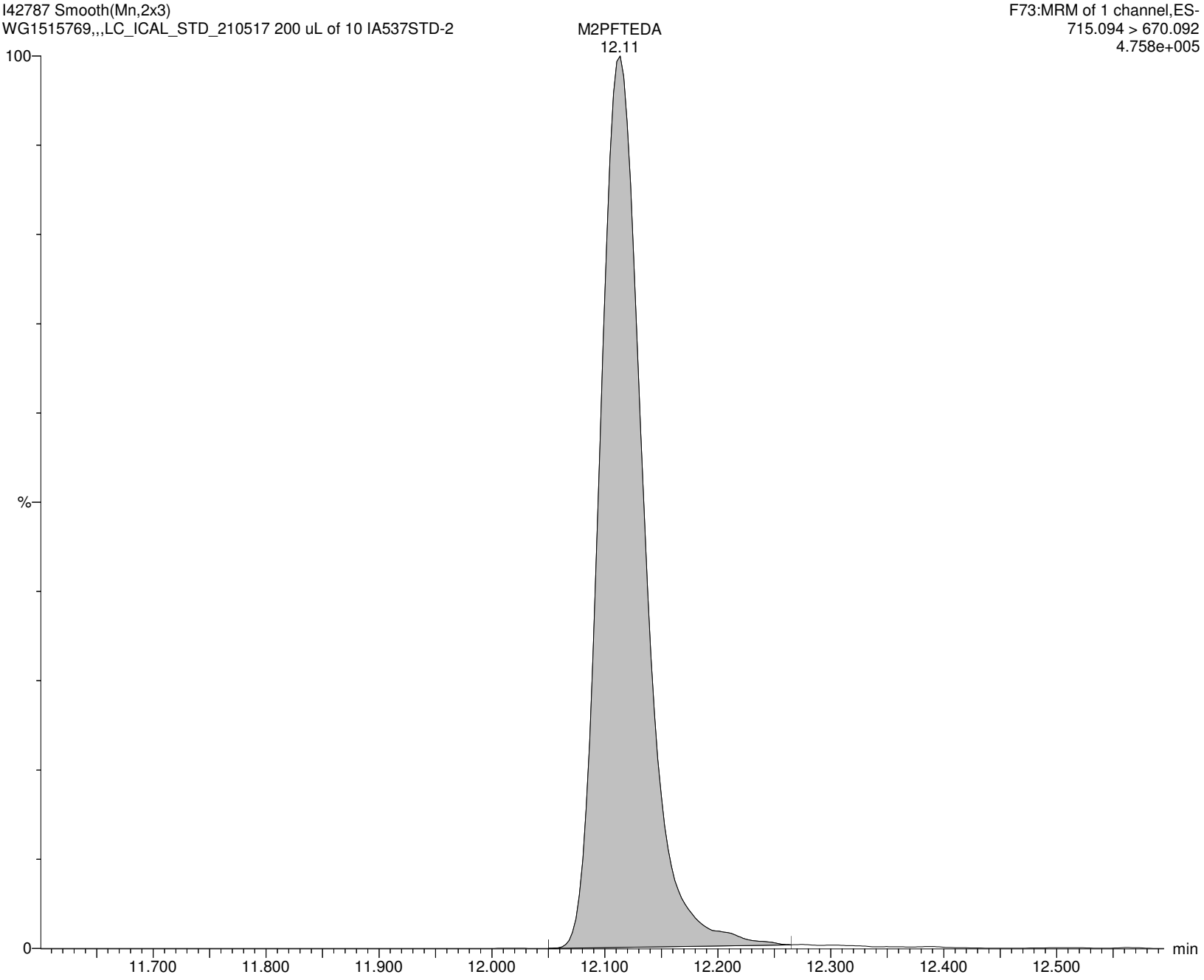


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFTEDA

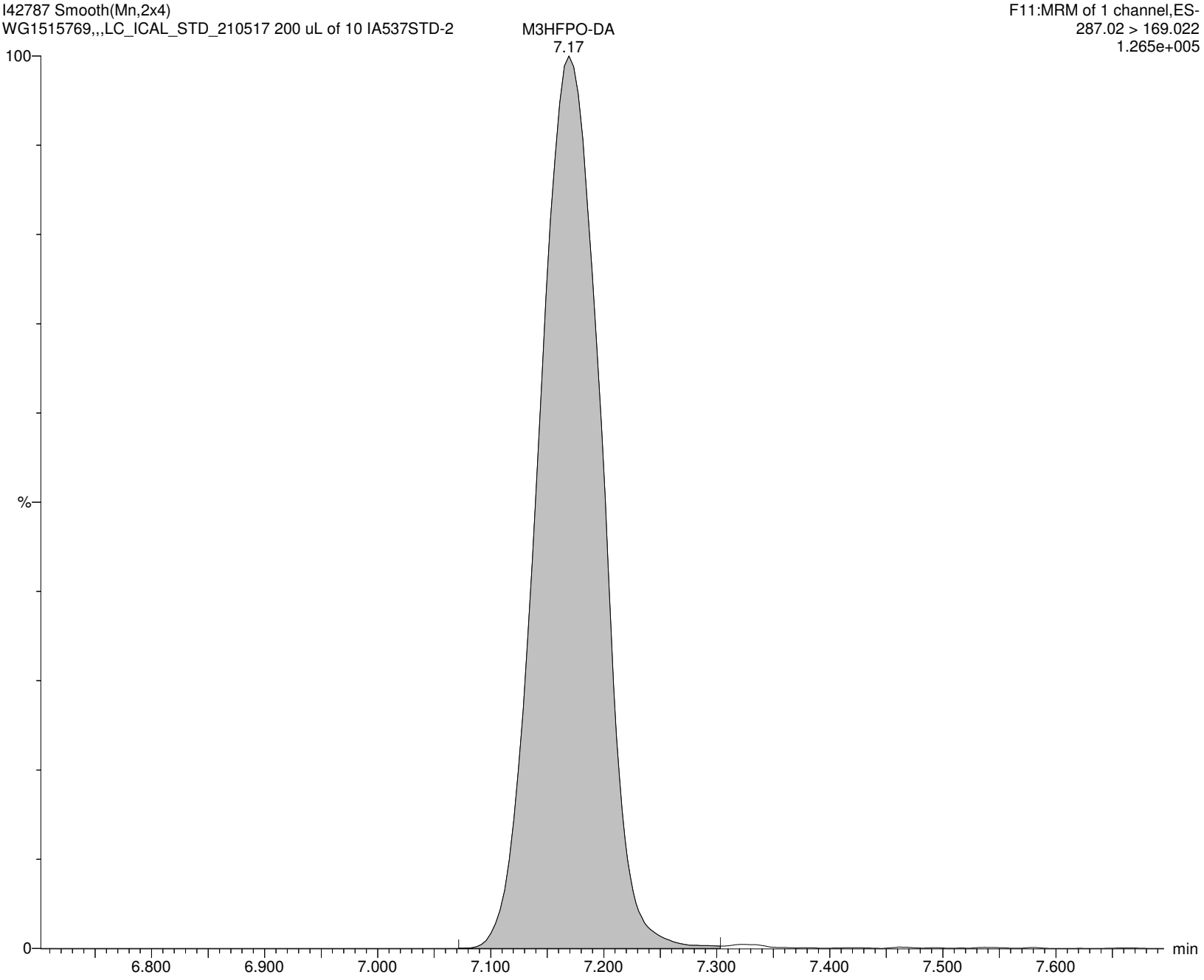


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3HFPO-DA

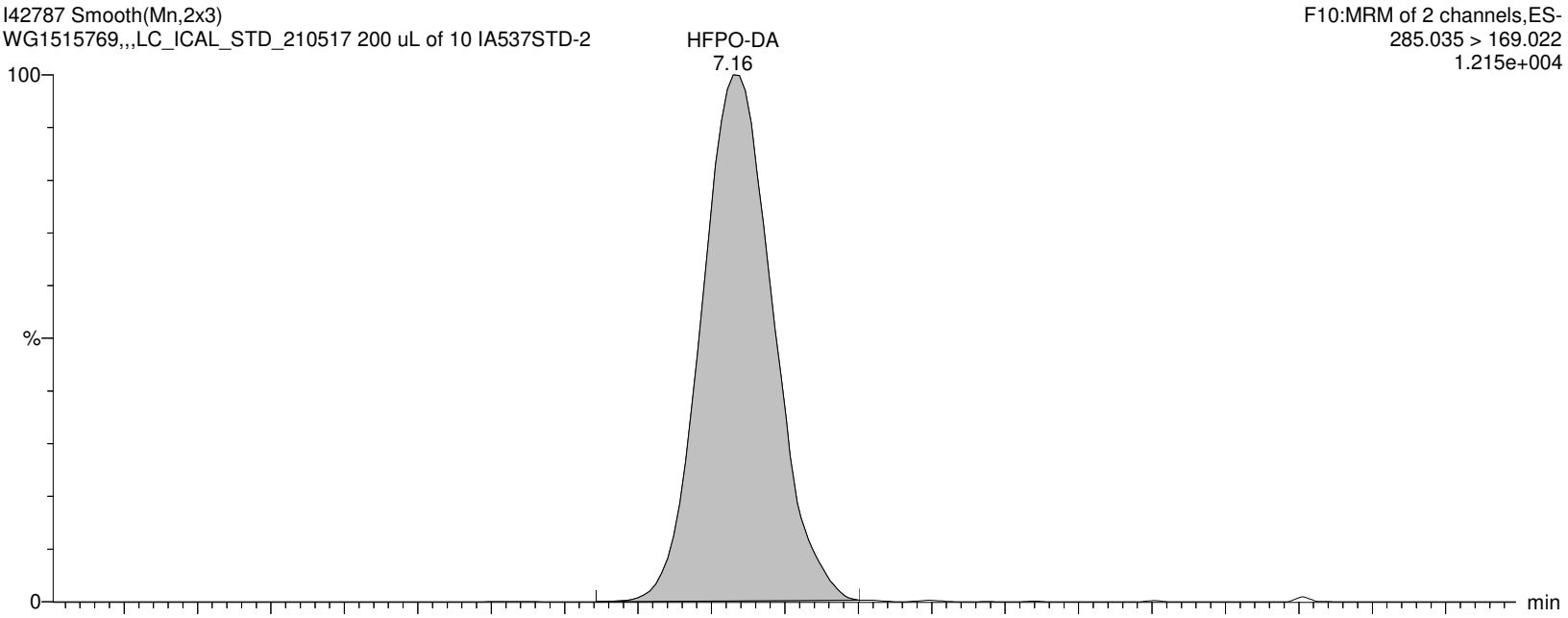


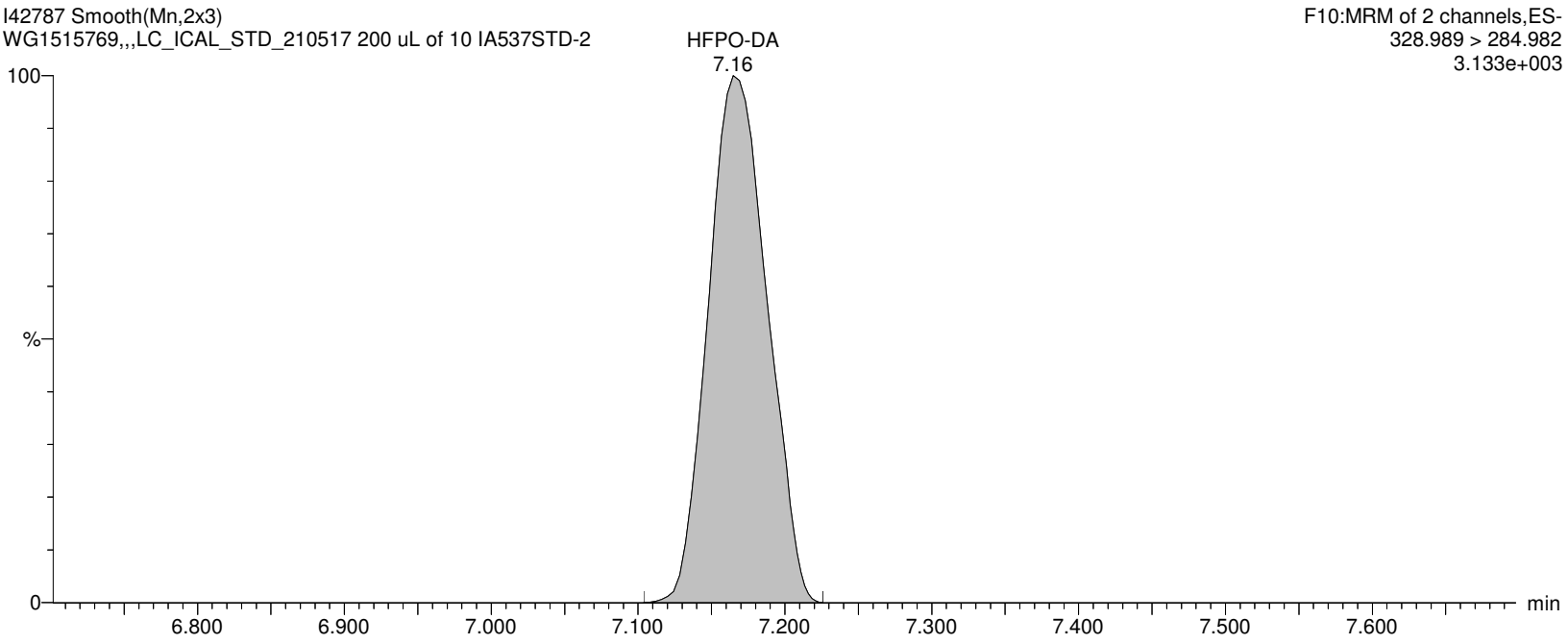
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

HFPO-DA



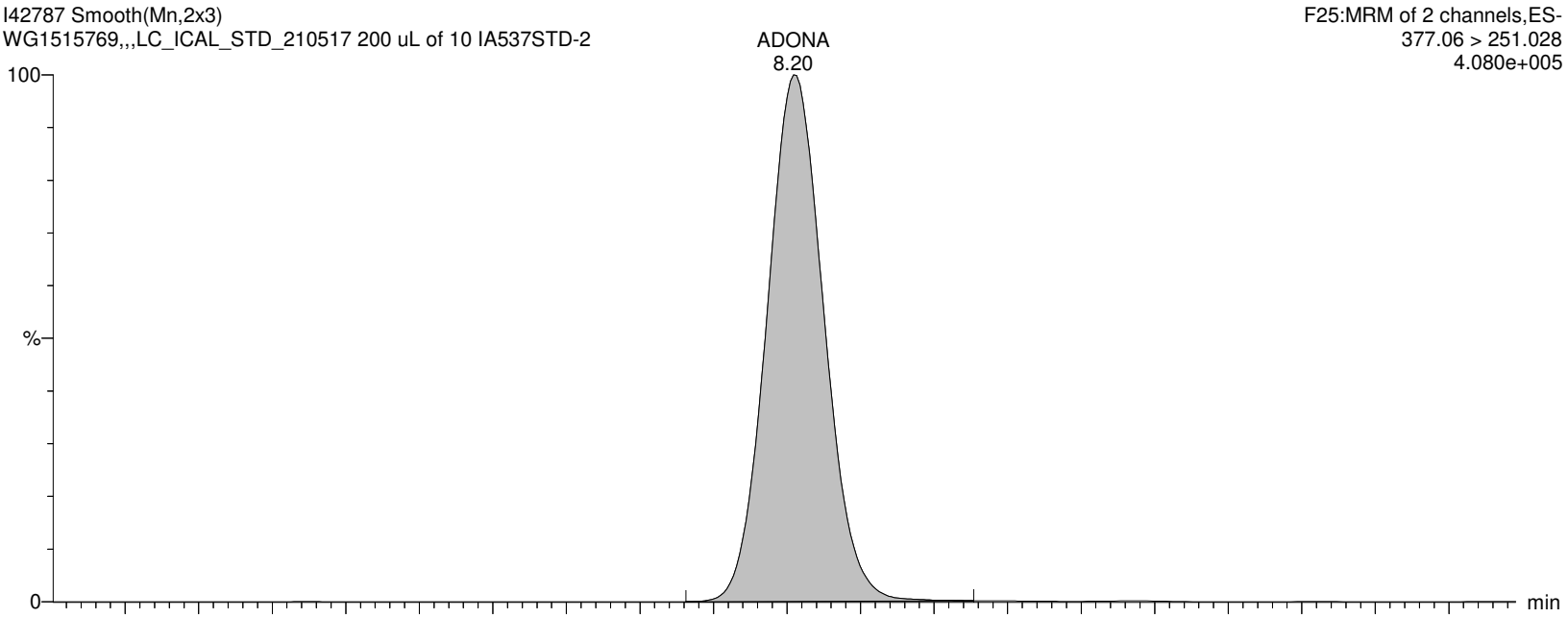


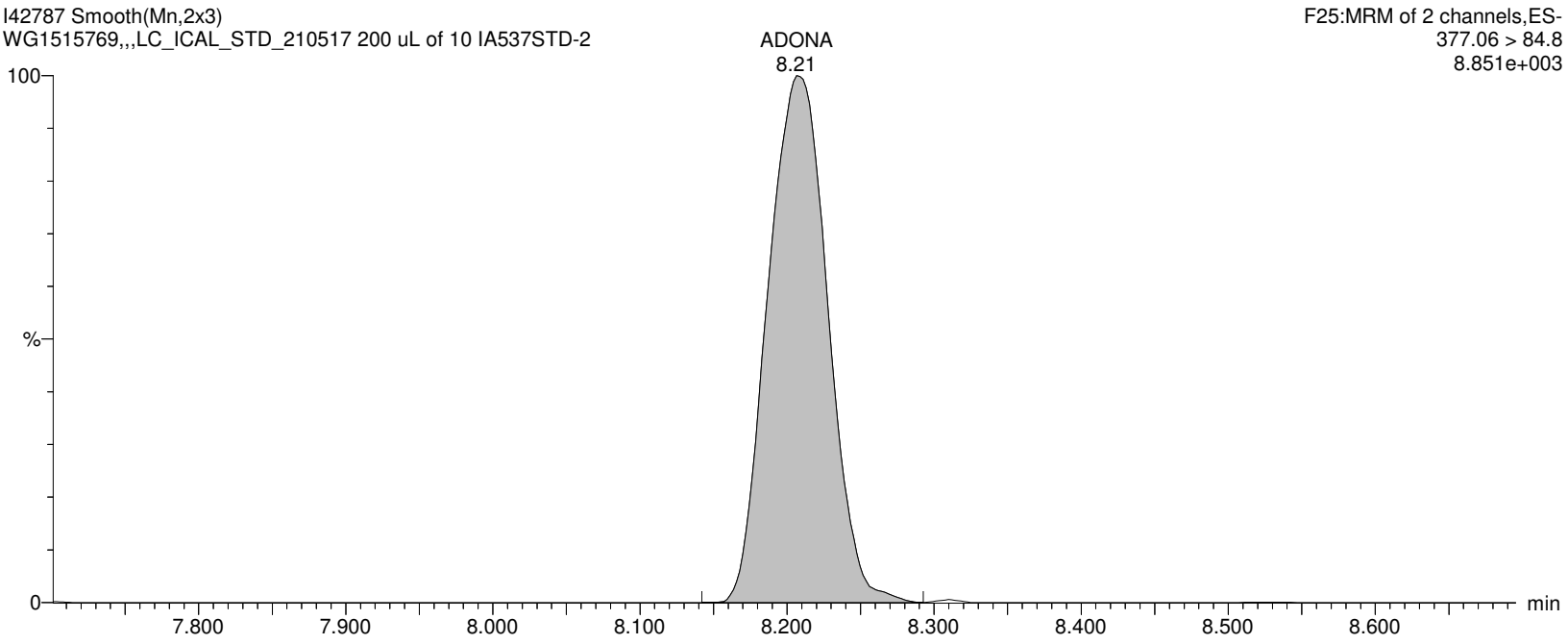
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

ADONA



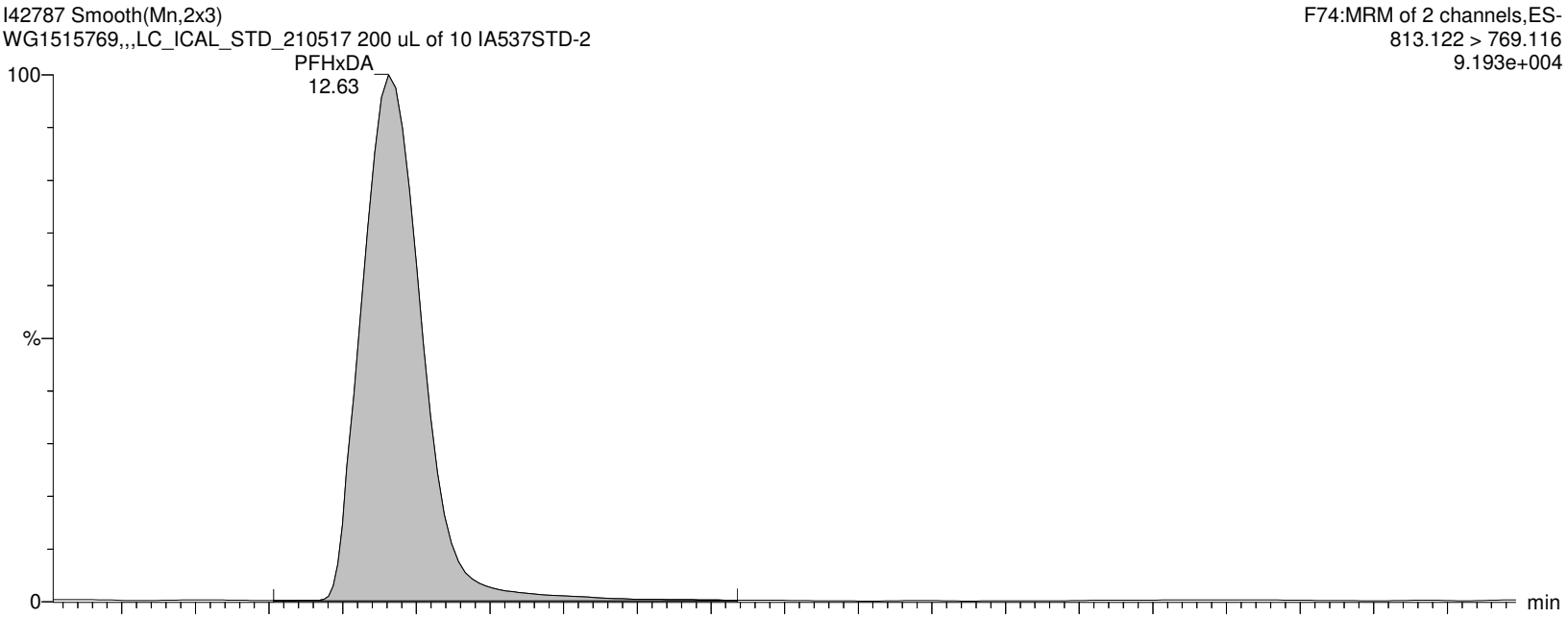


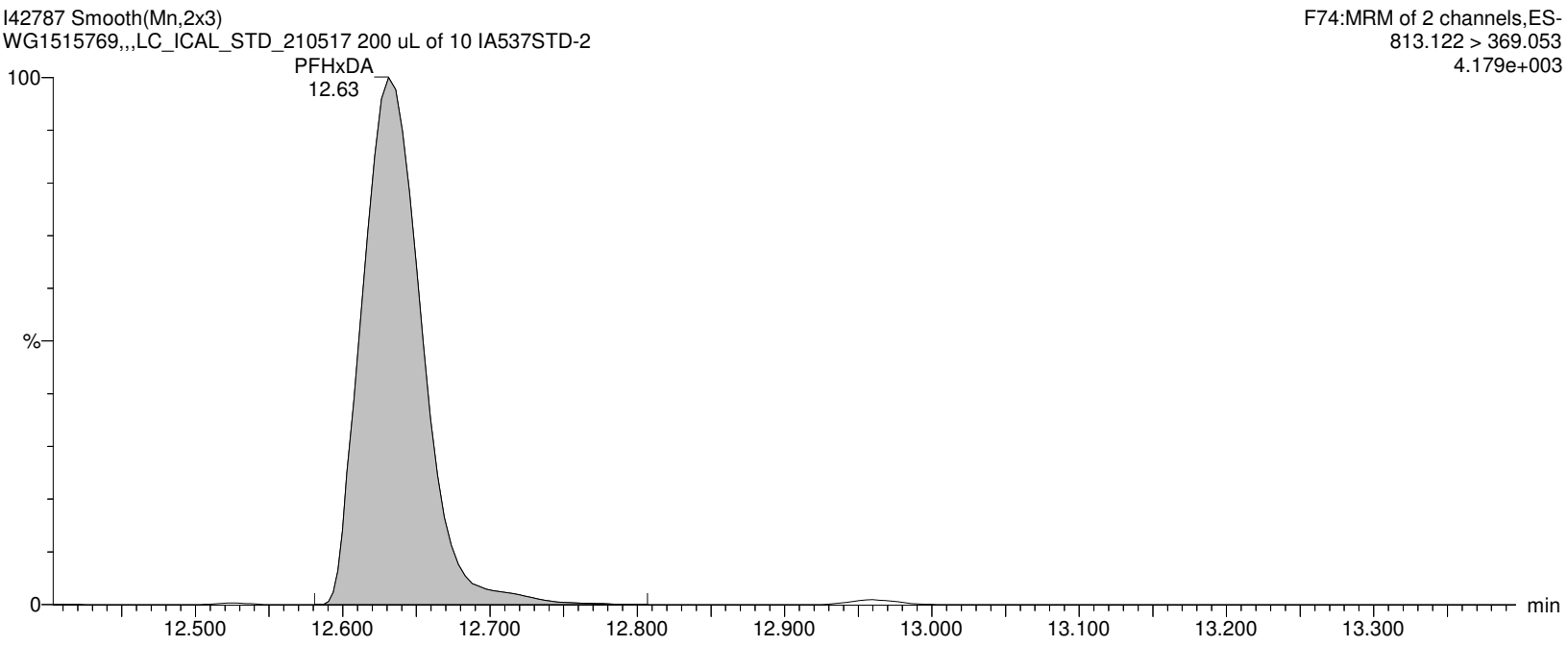
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxDA



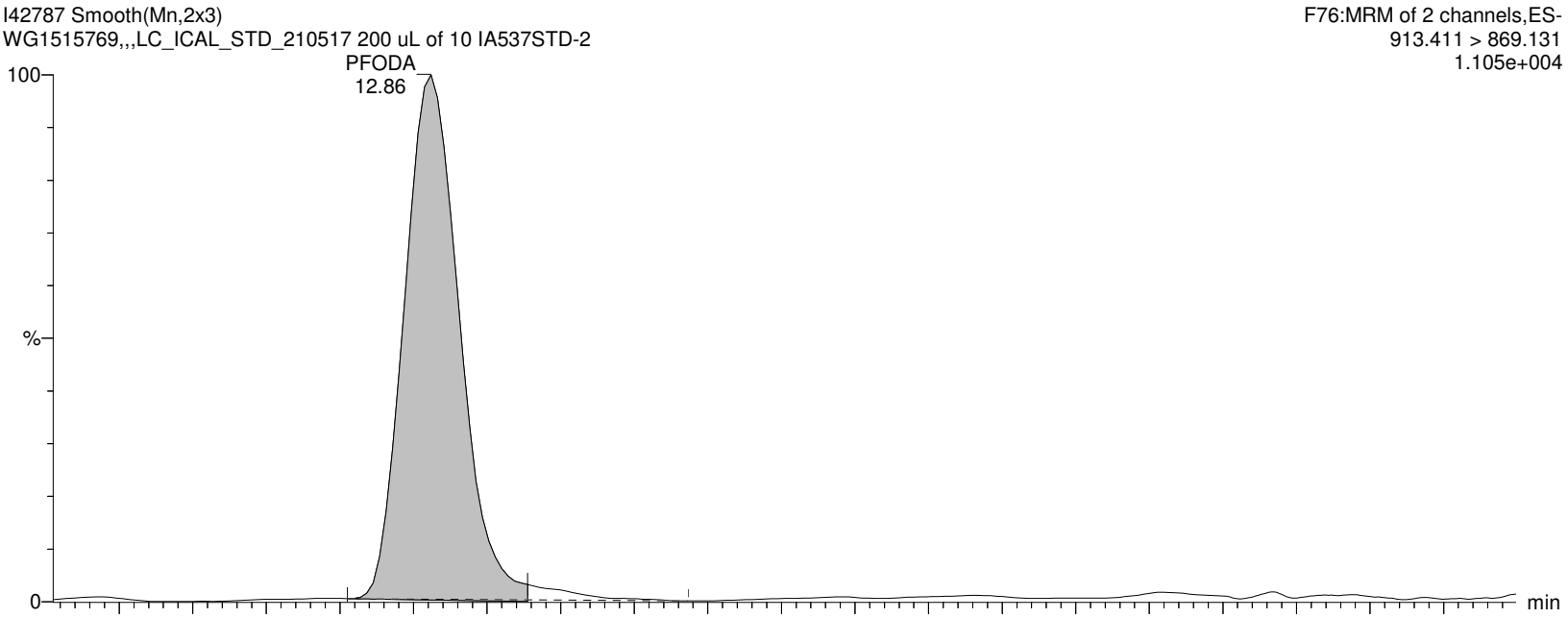


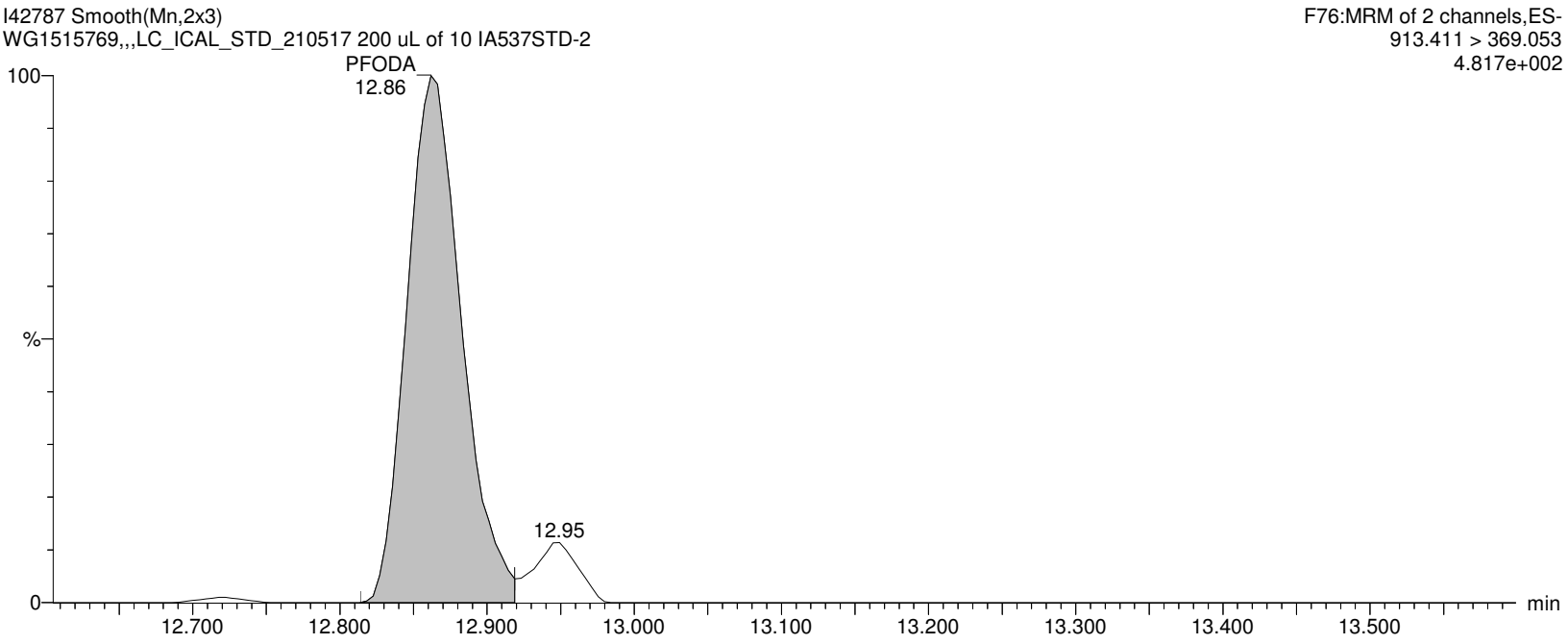
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFODA



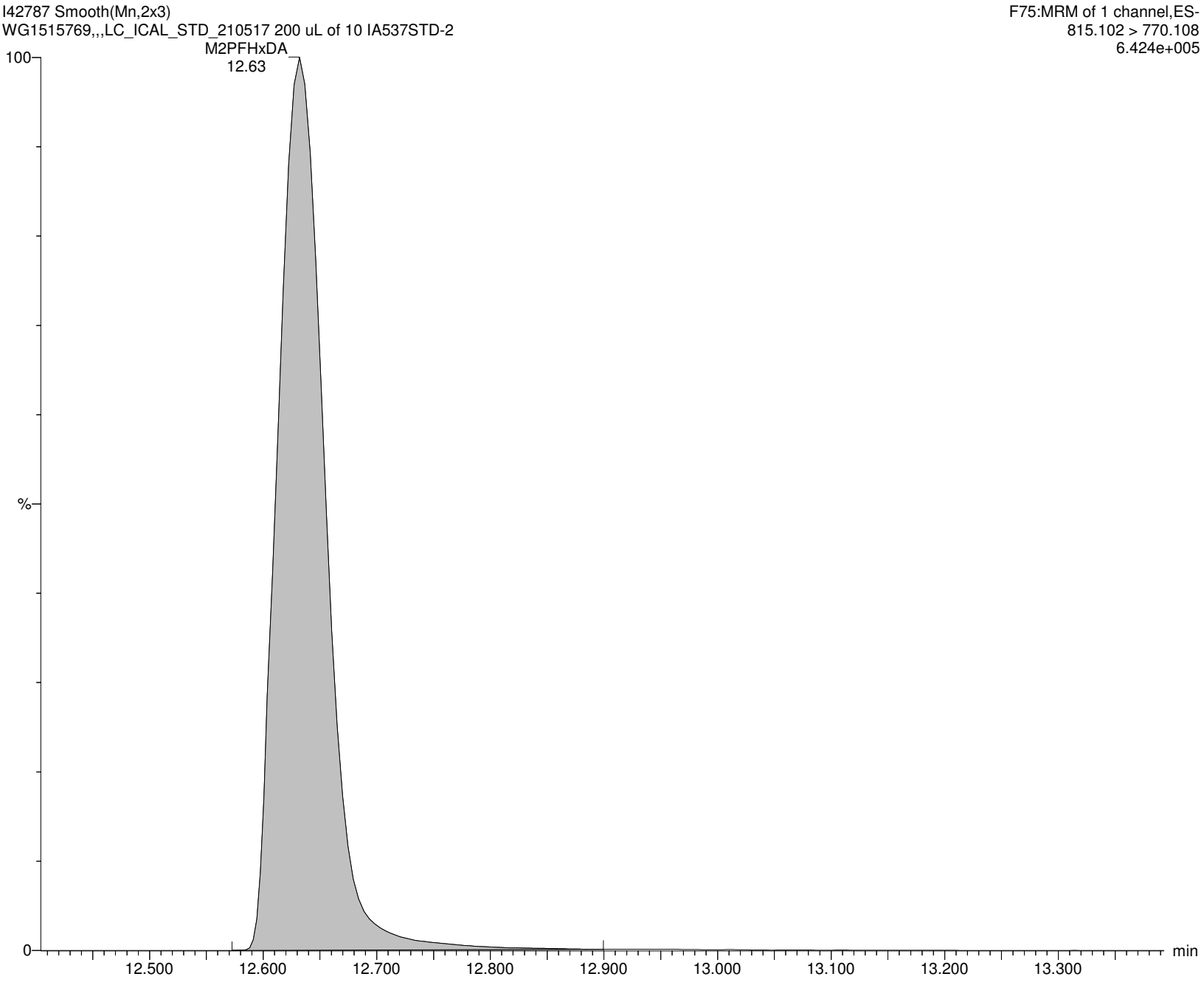


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFHxDA

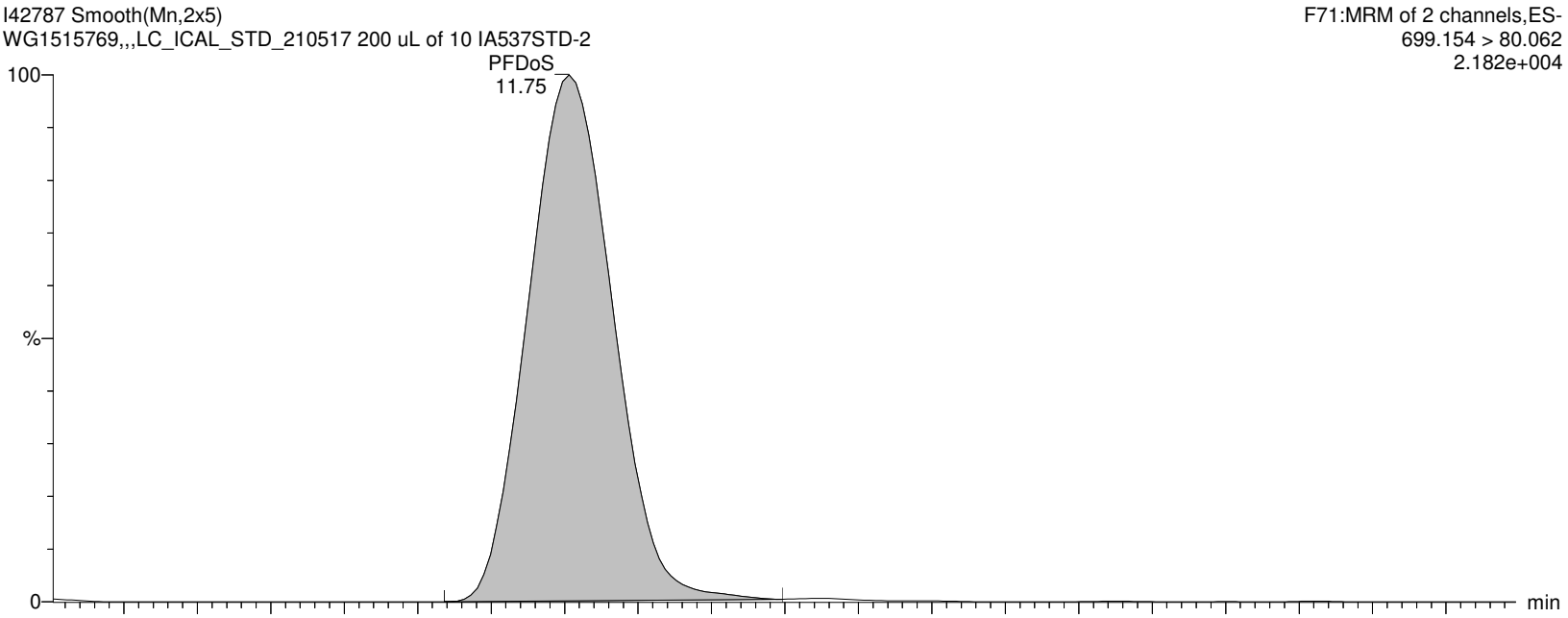


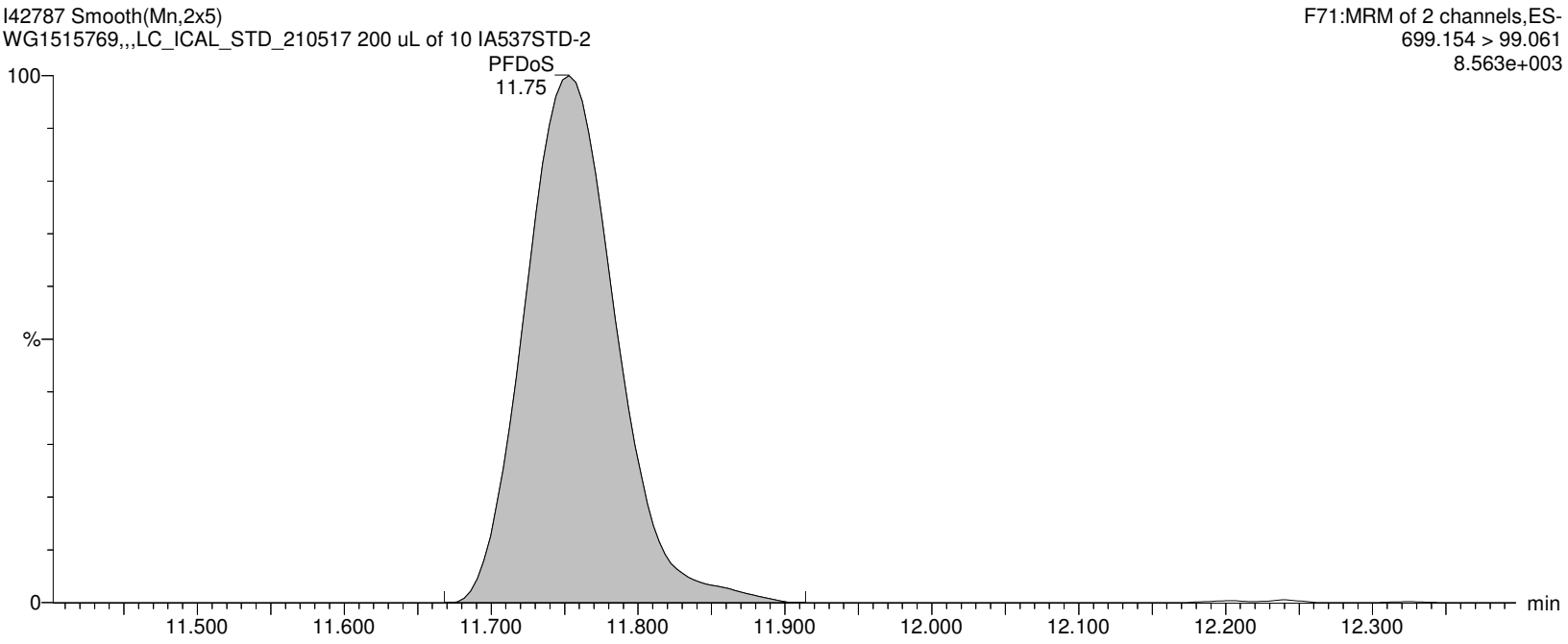
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoS



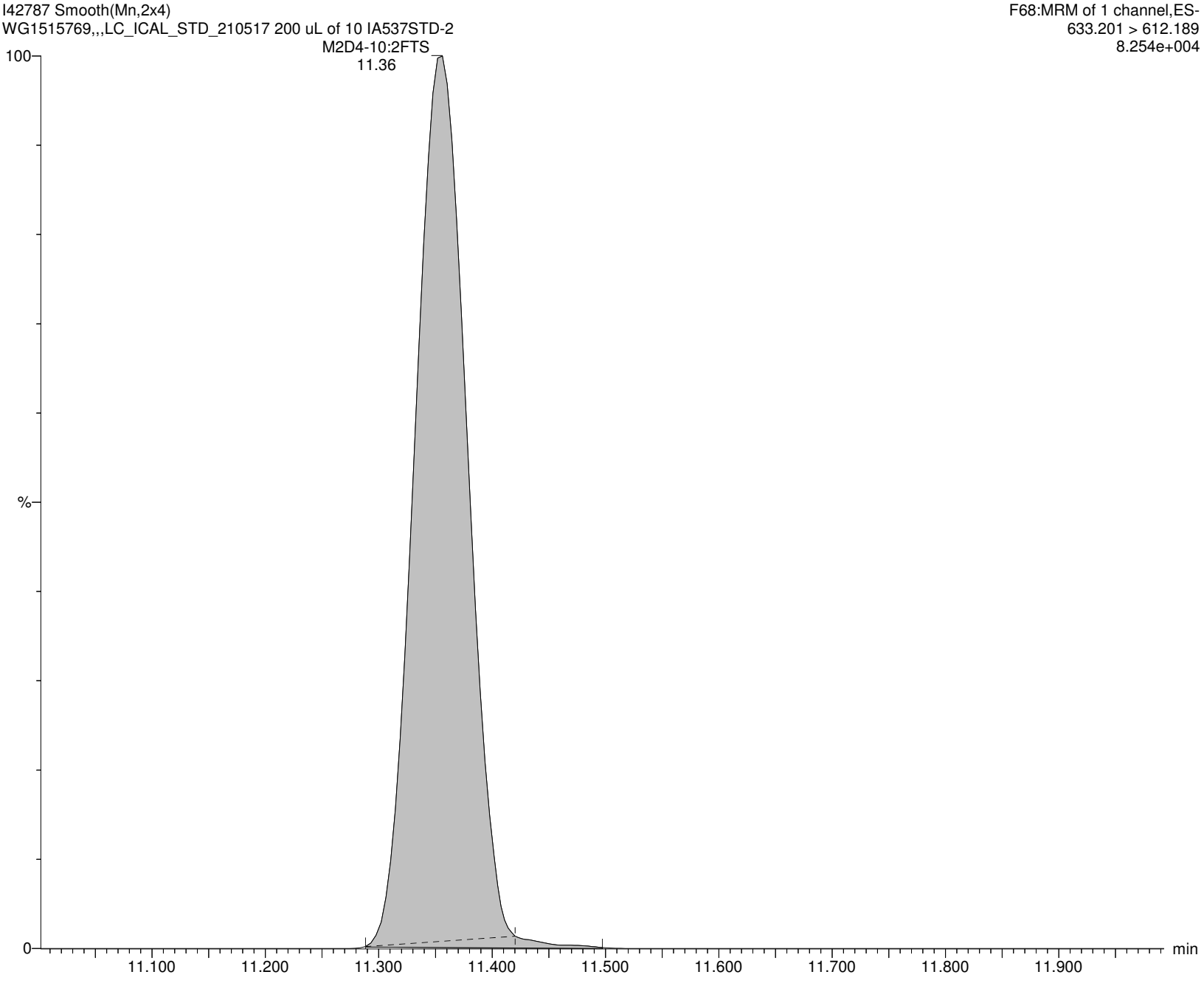


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2D4-10:2FTS

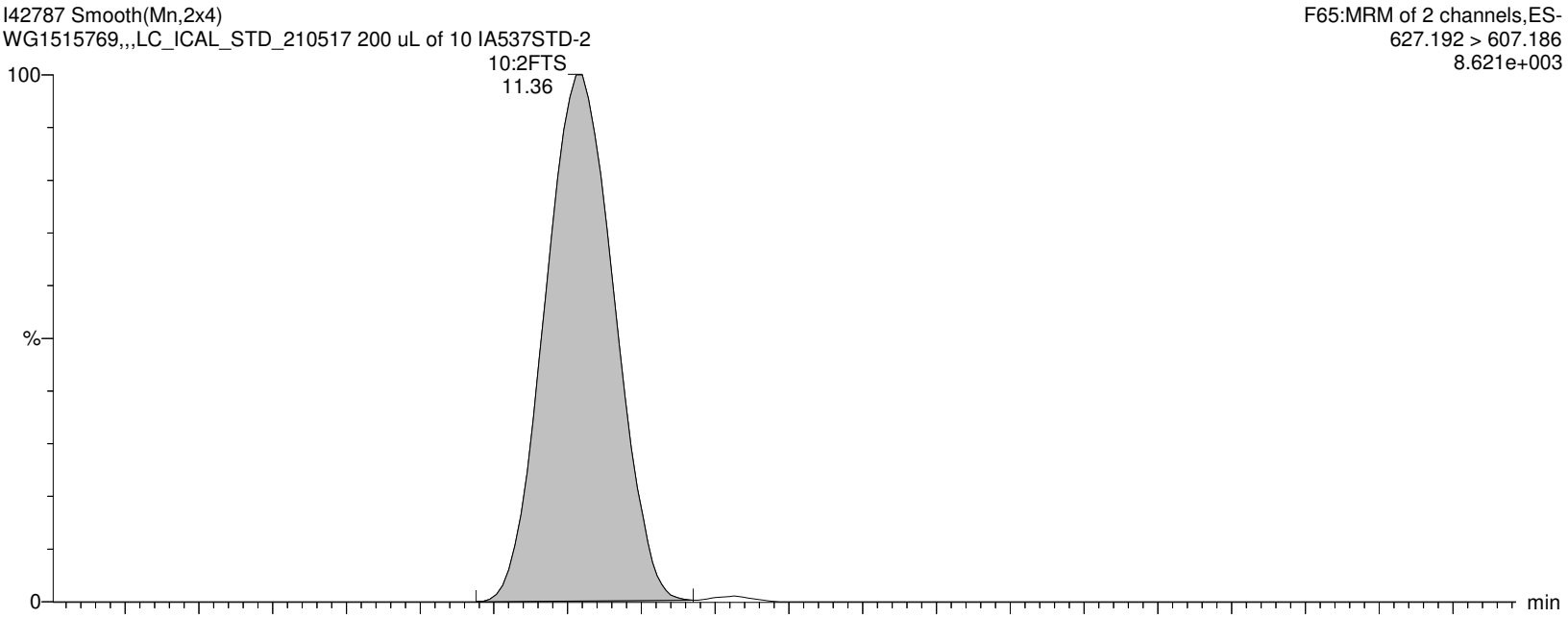


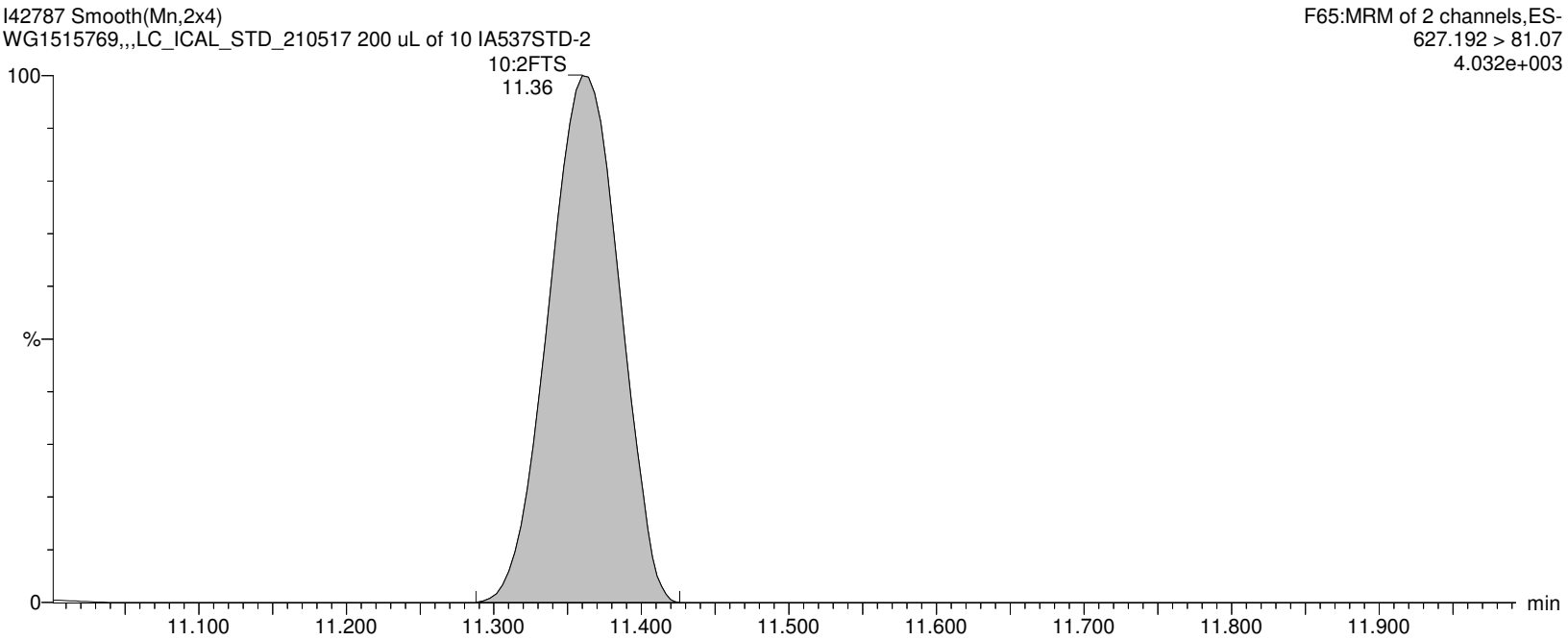
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

10:2FTS



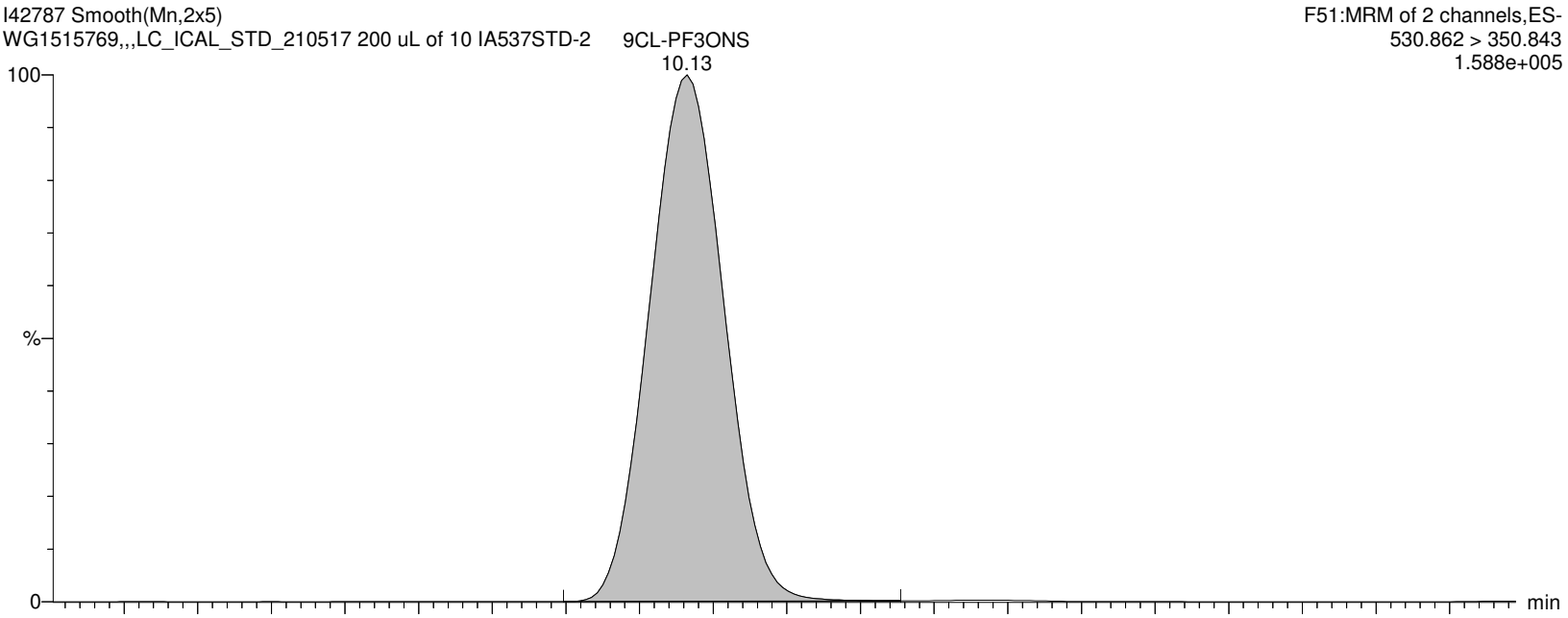


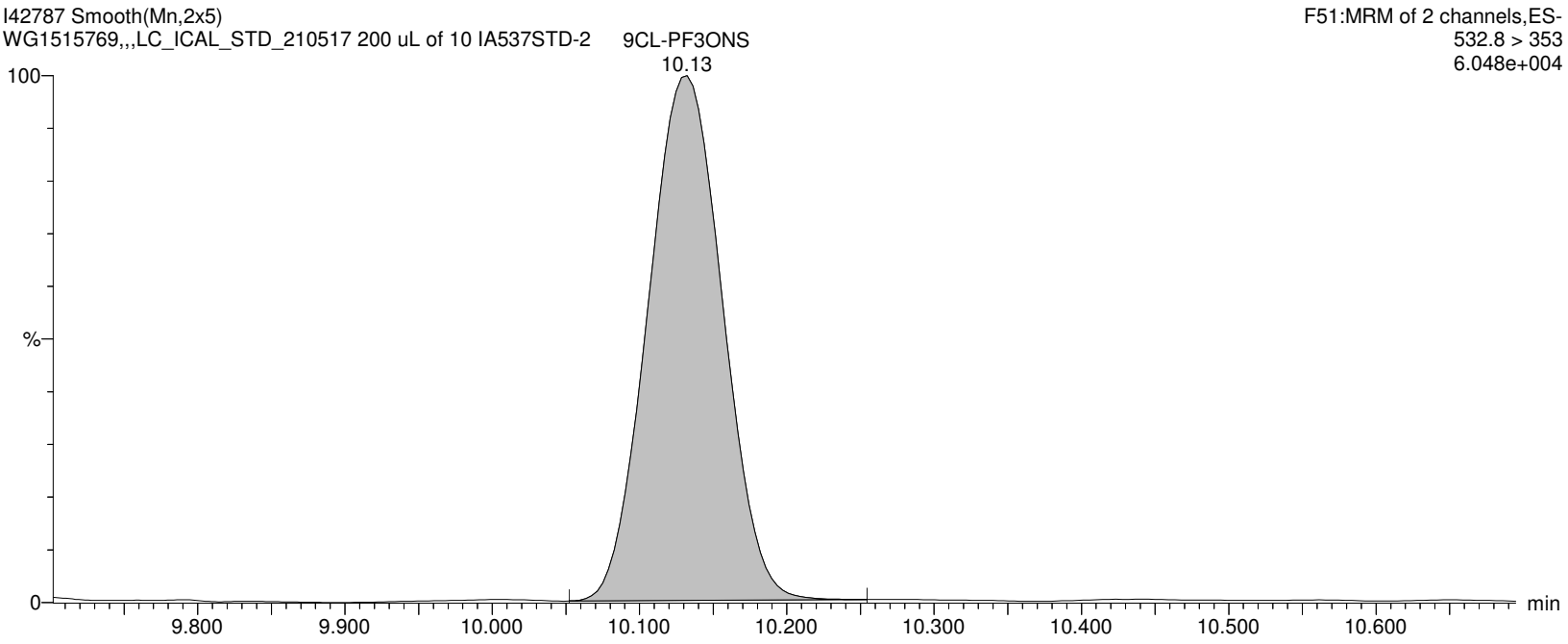
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

9CL-PF3ONS



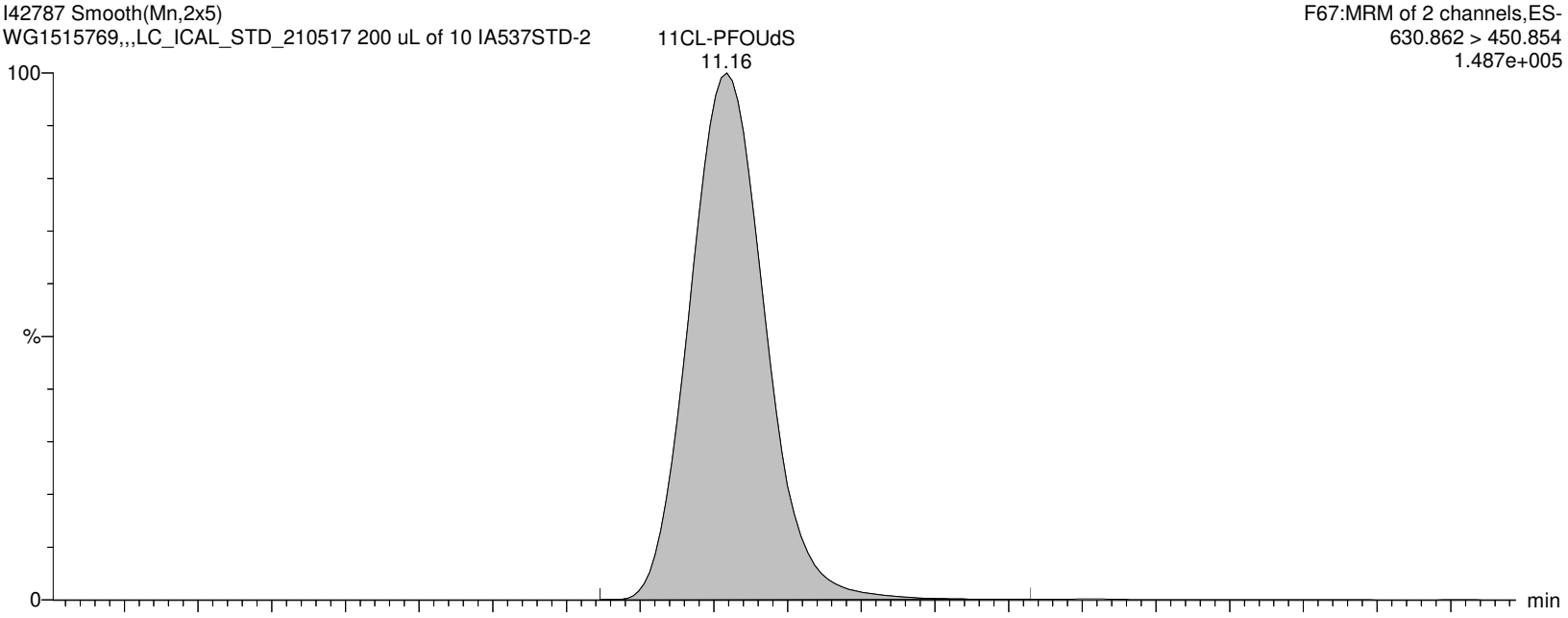


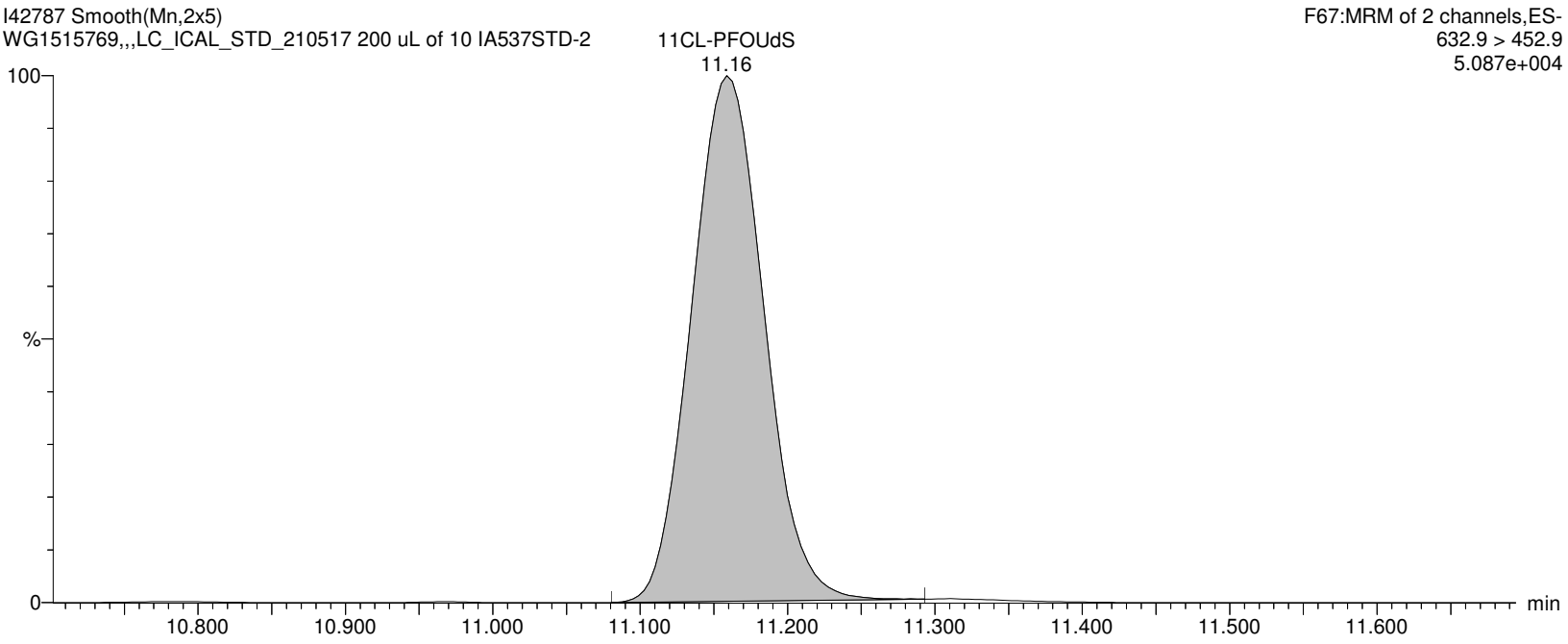
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

11CL-PFOUdS



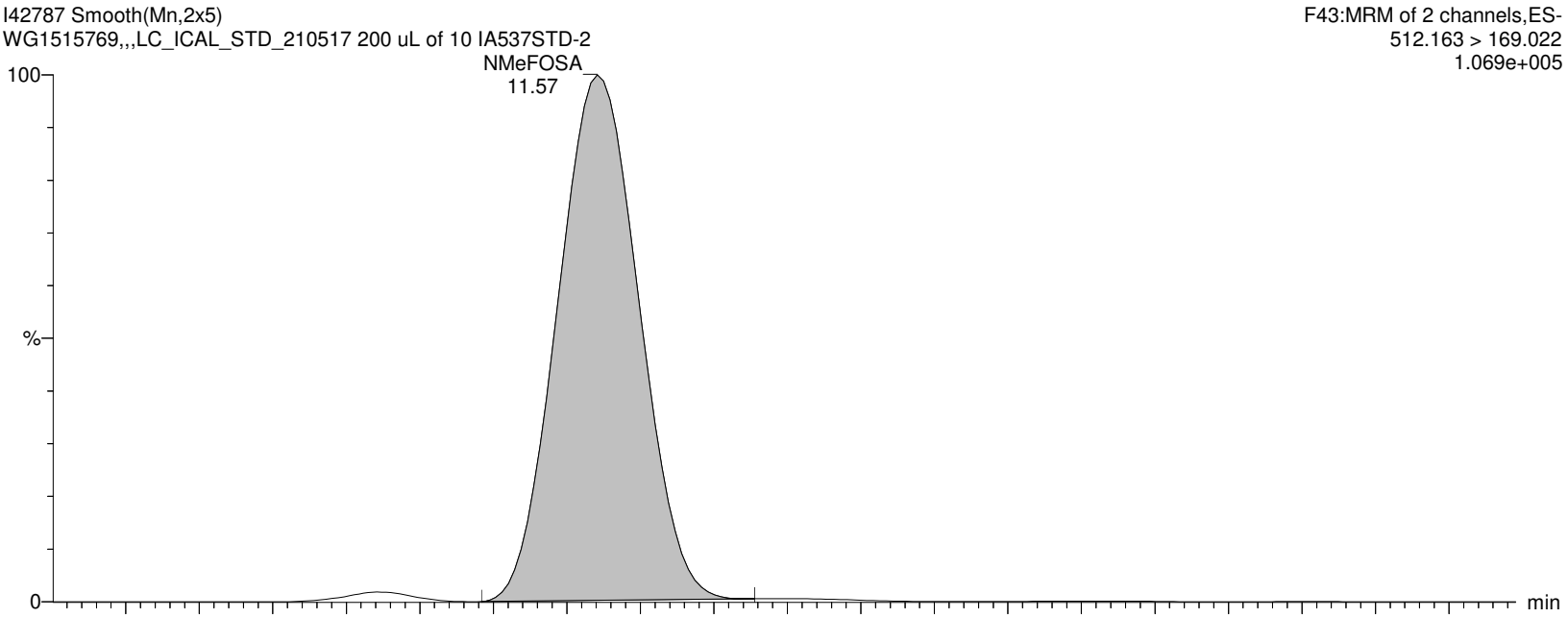


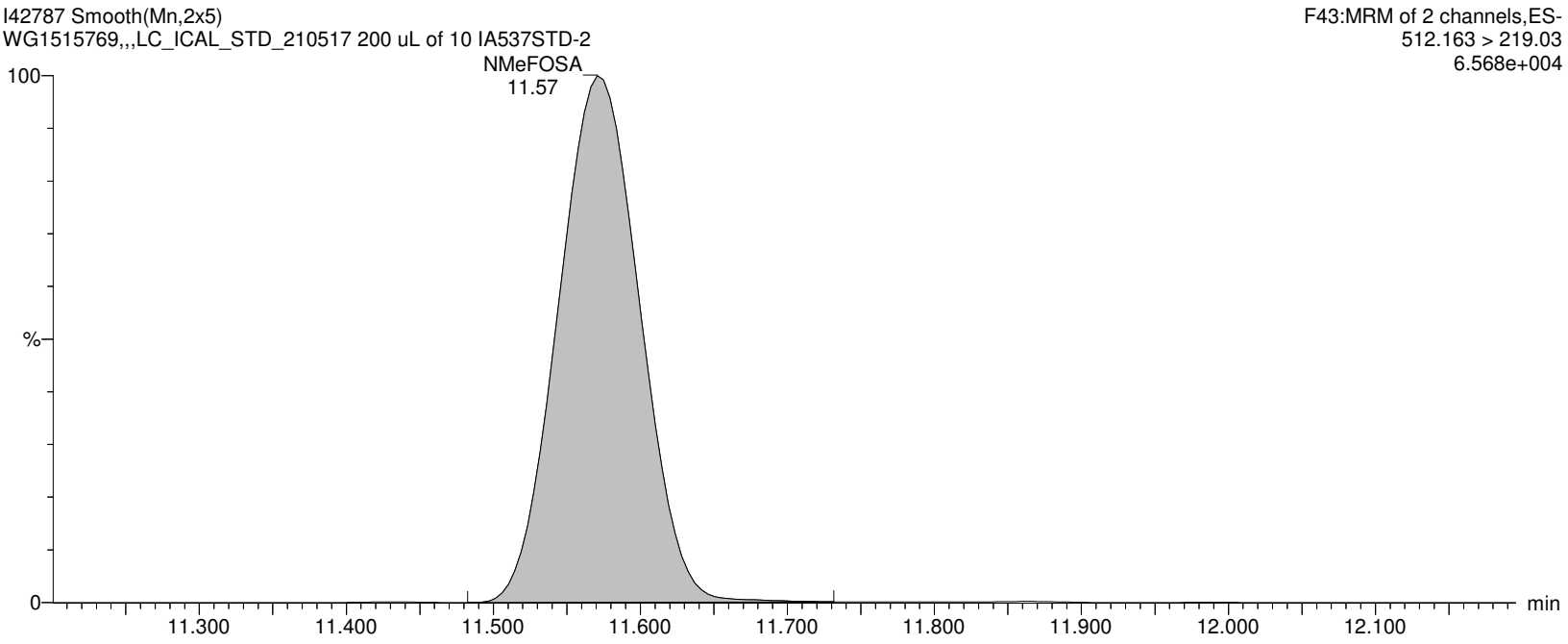
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSA



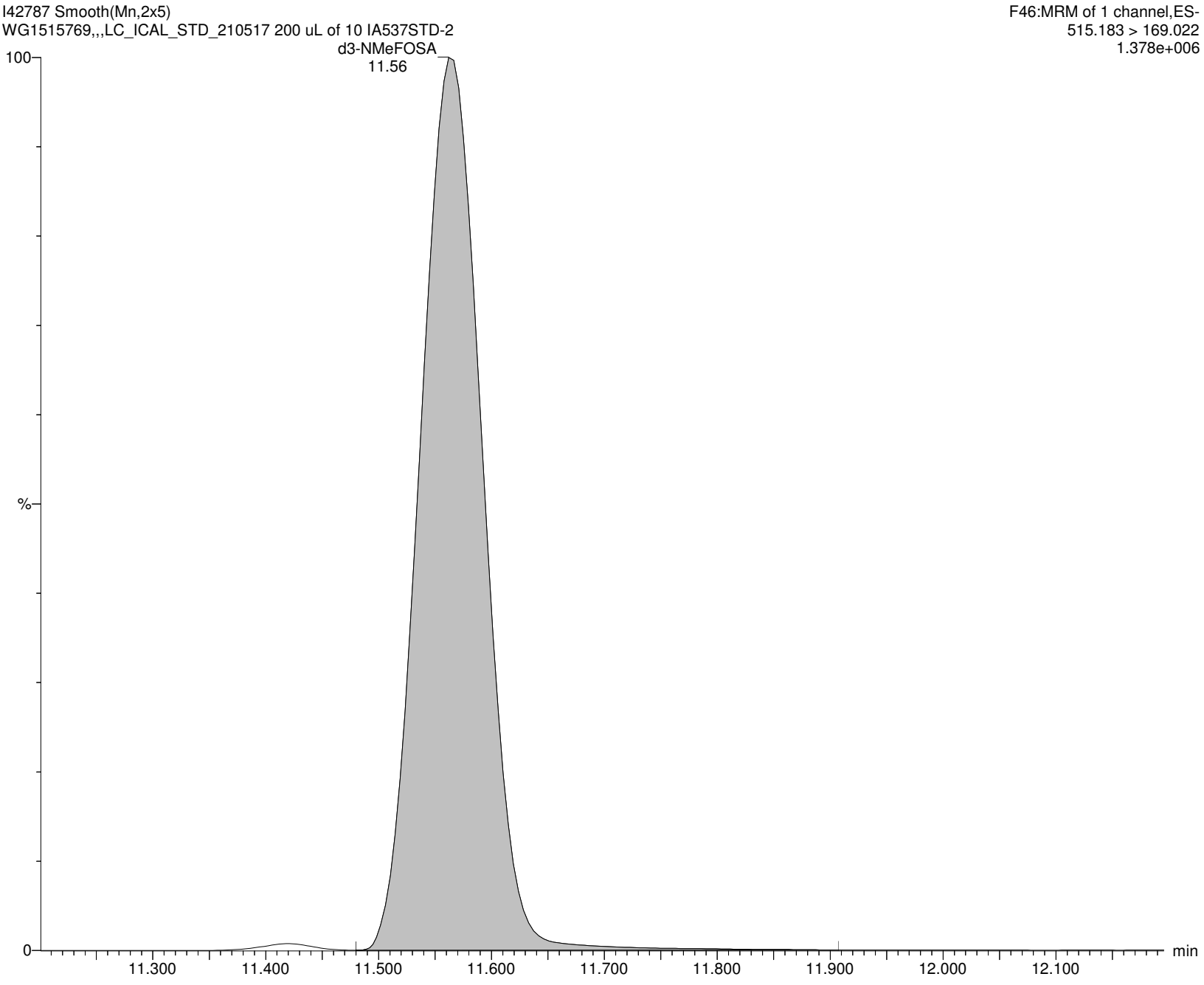


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSA

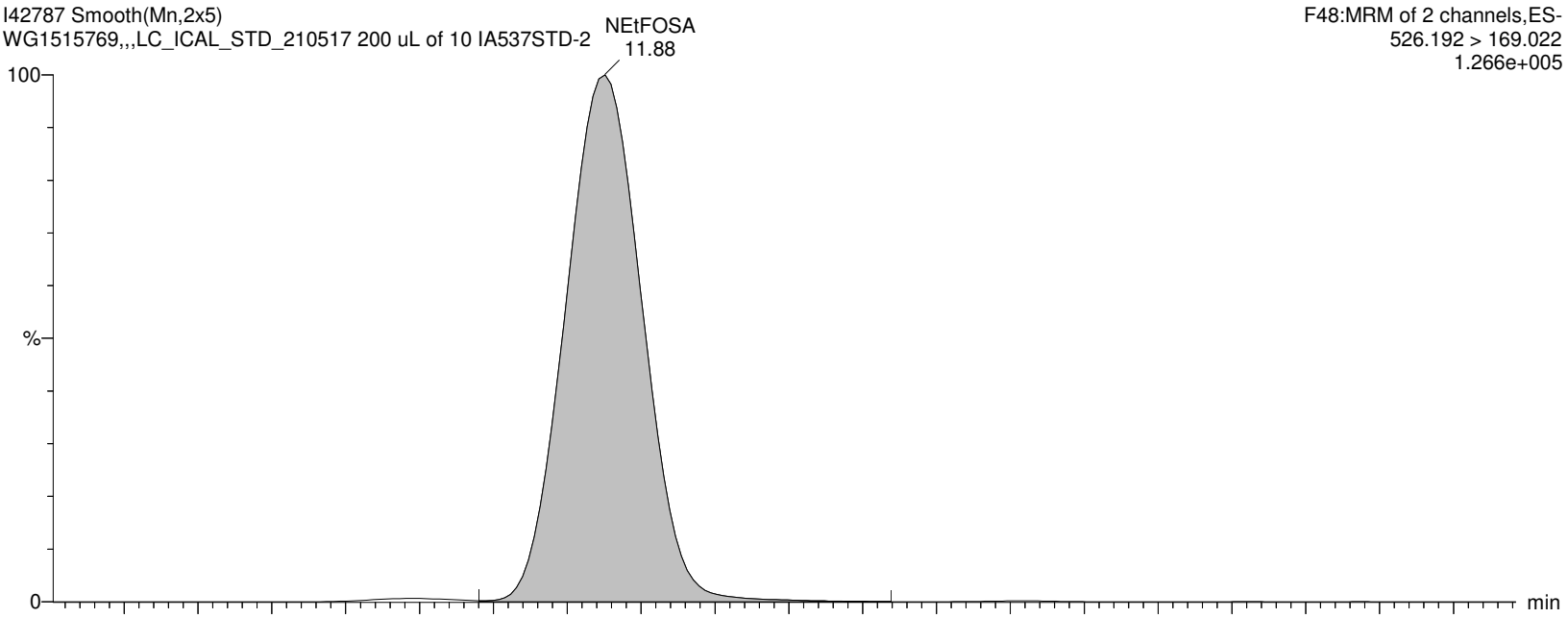


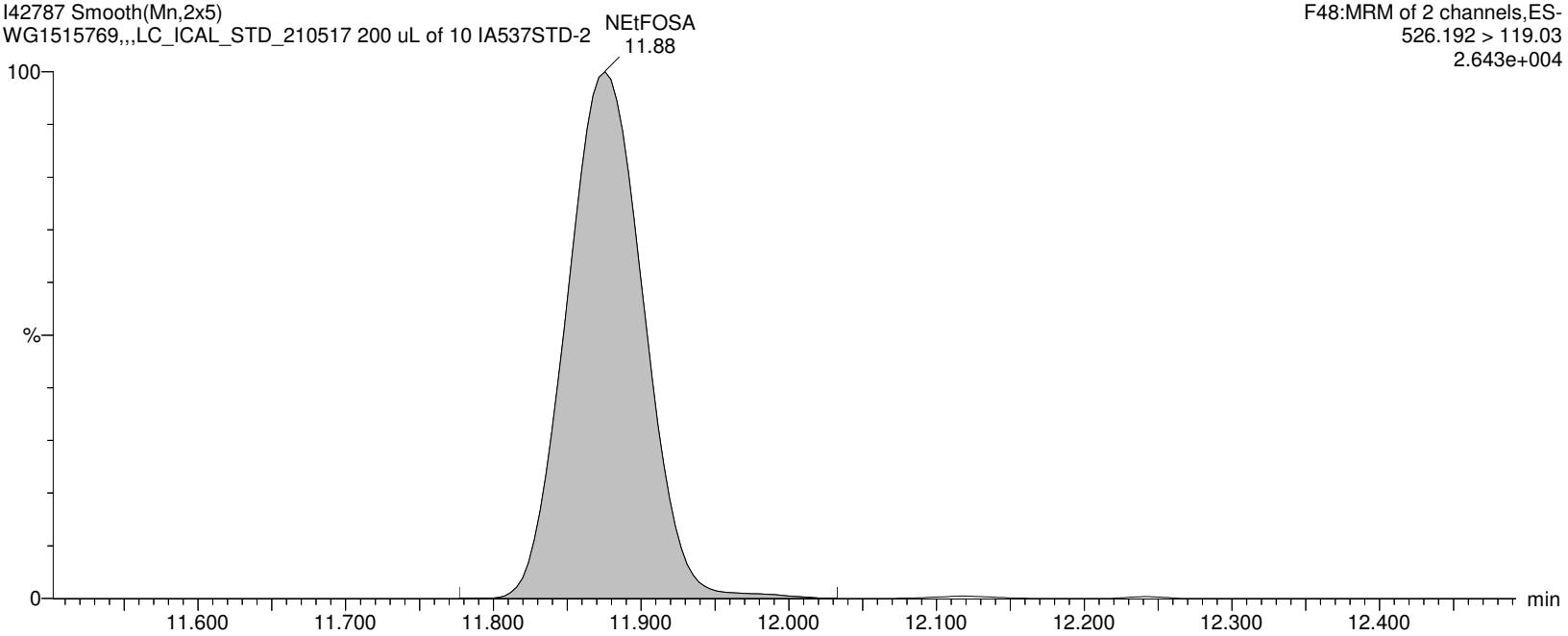
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSA



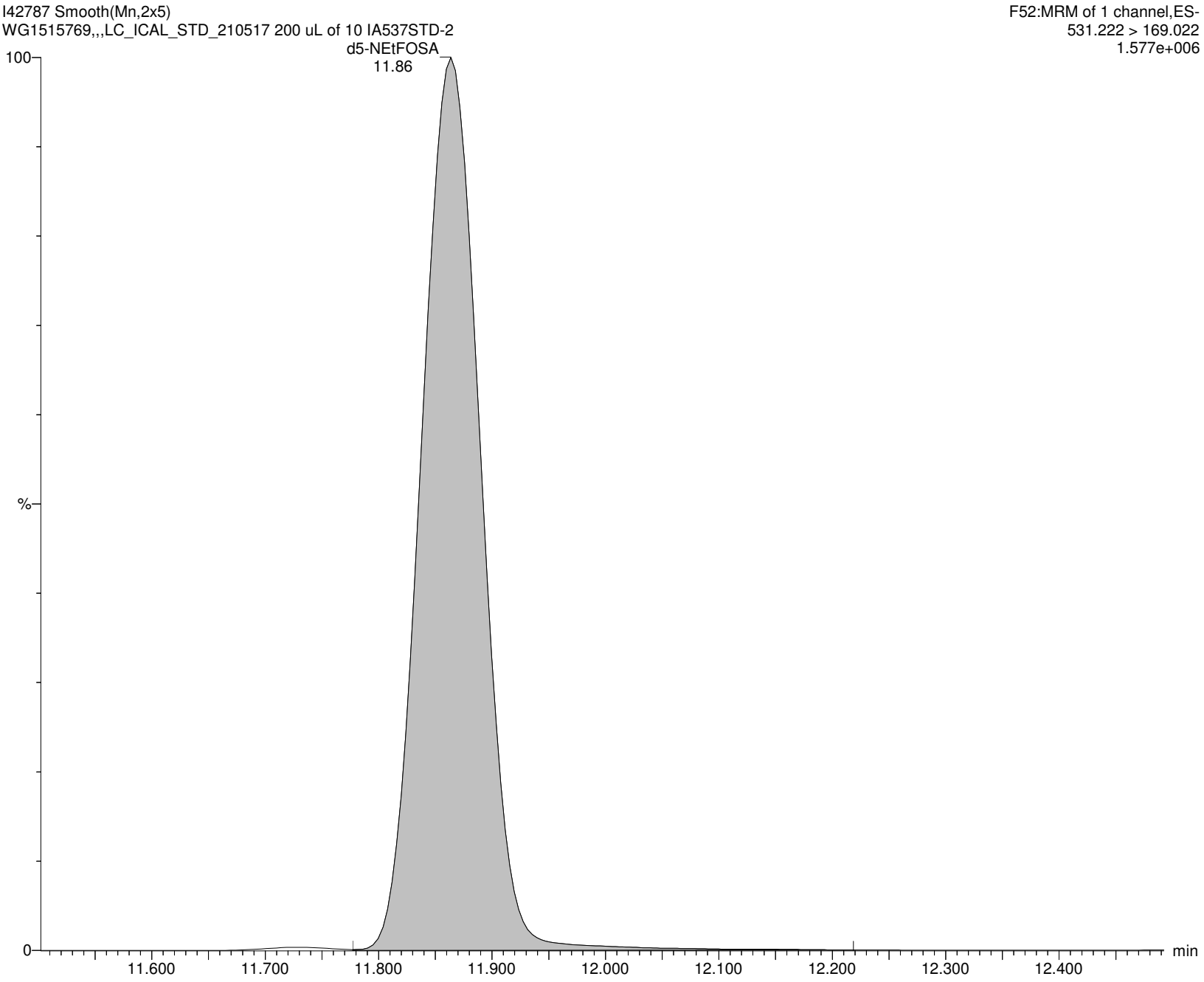


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSA

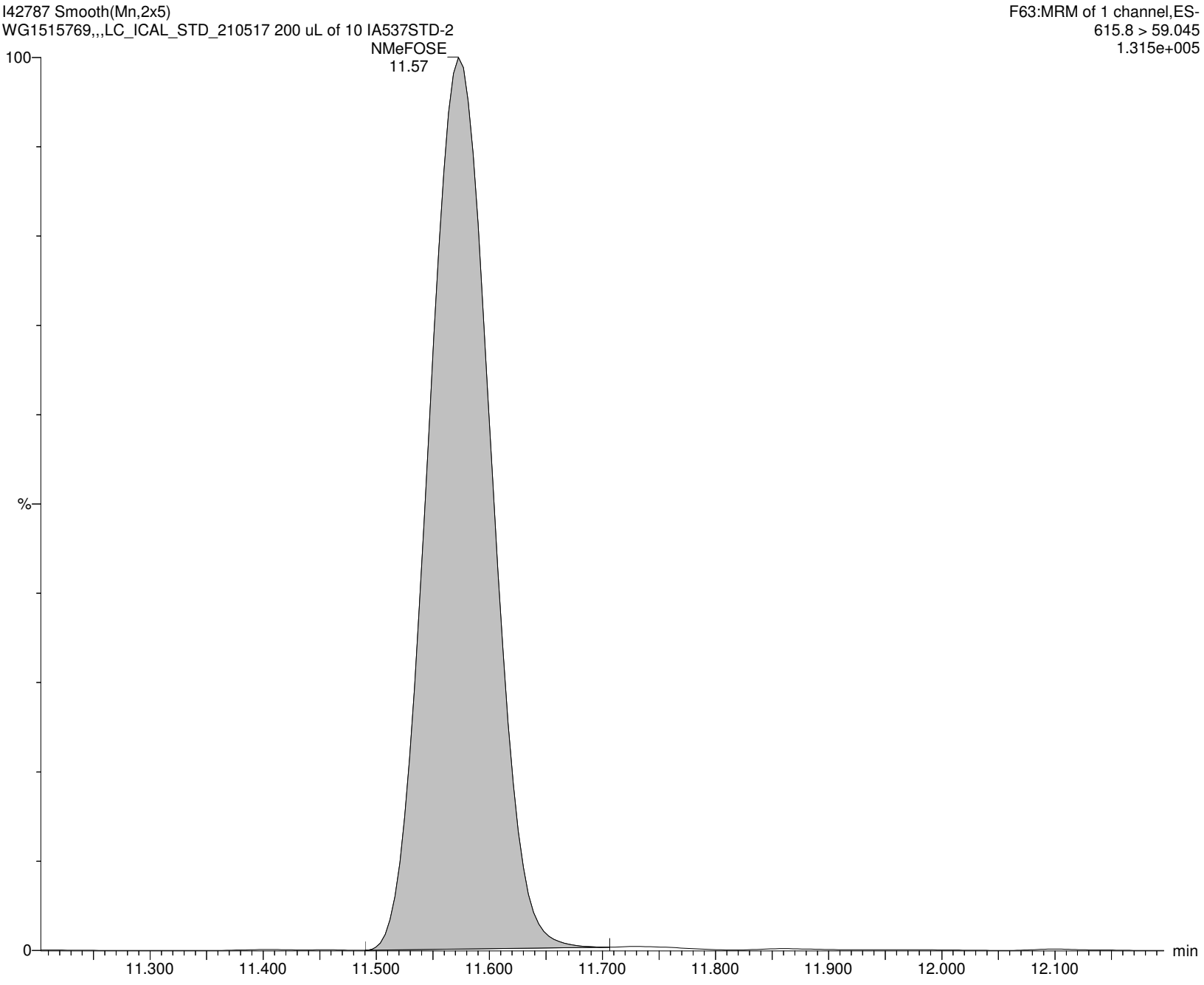


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSE

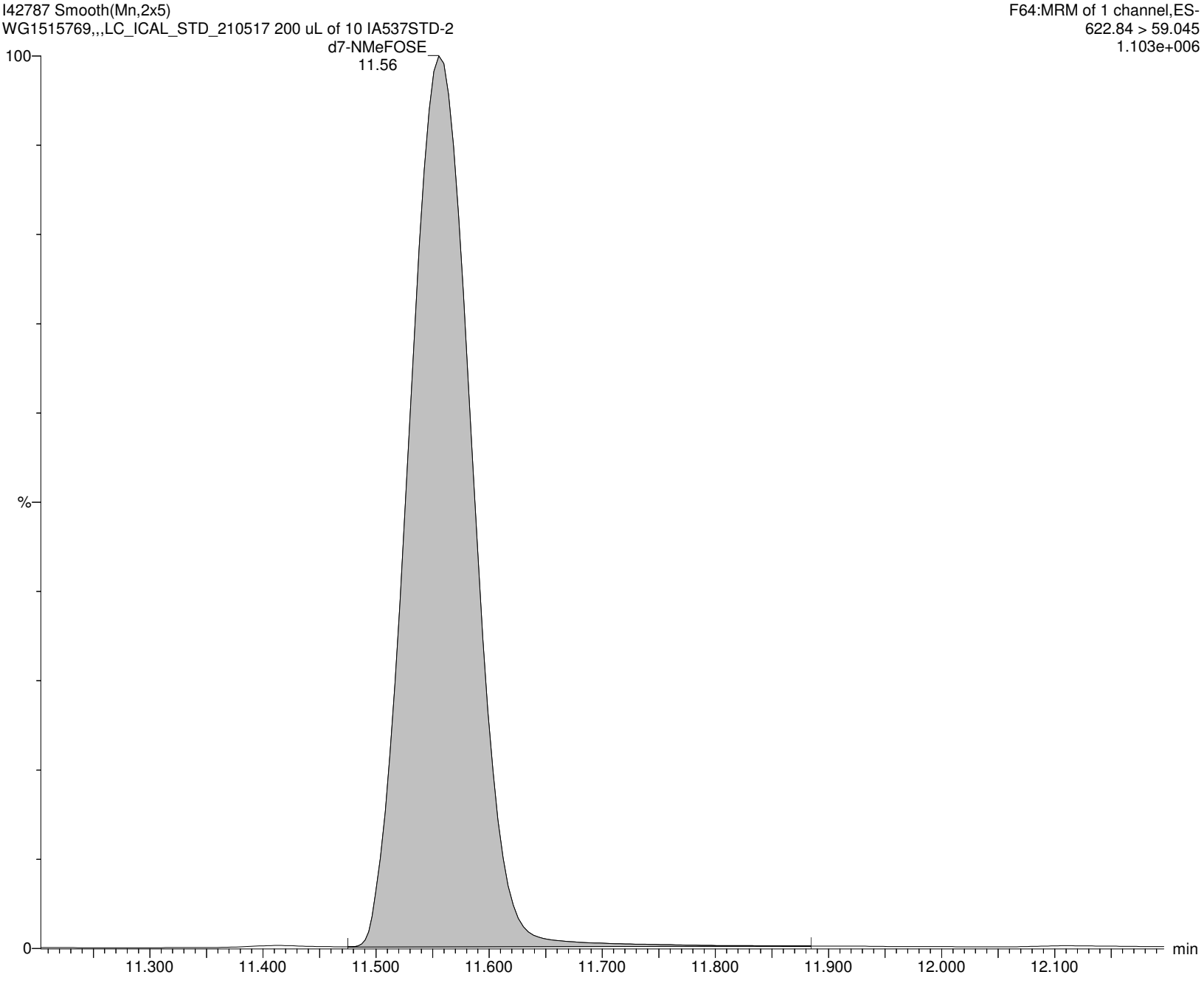


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d7-NMeFOSE

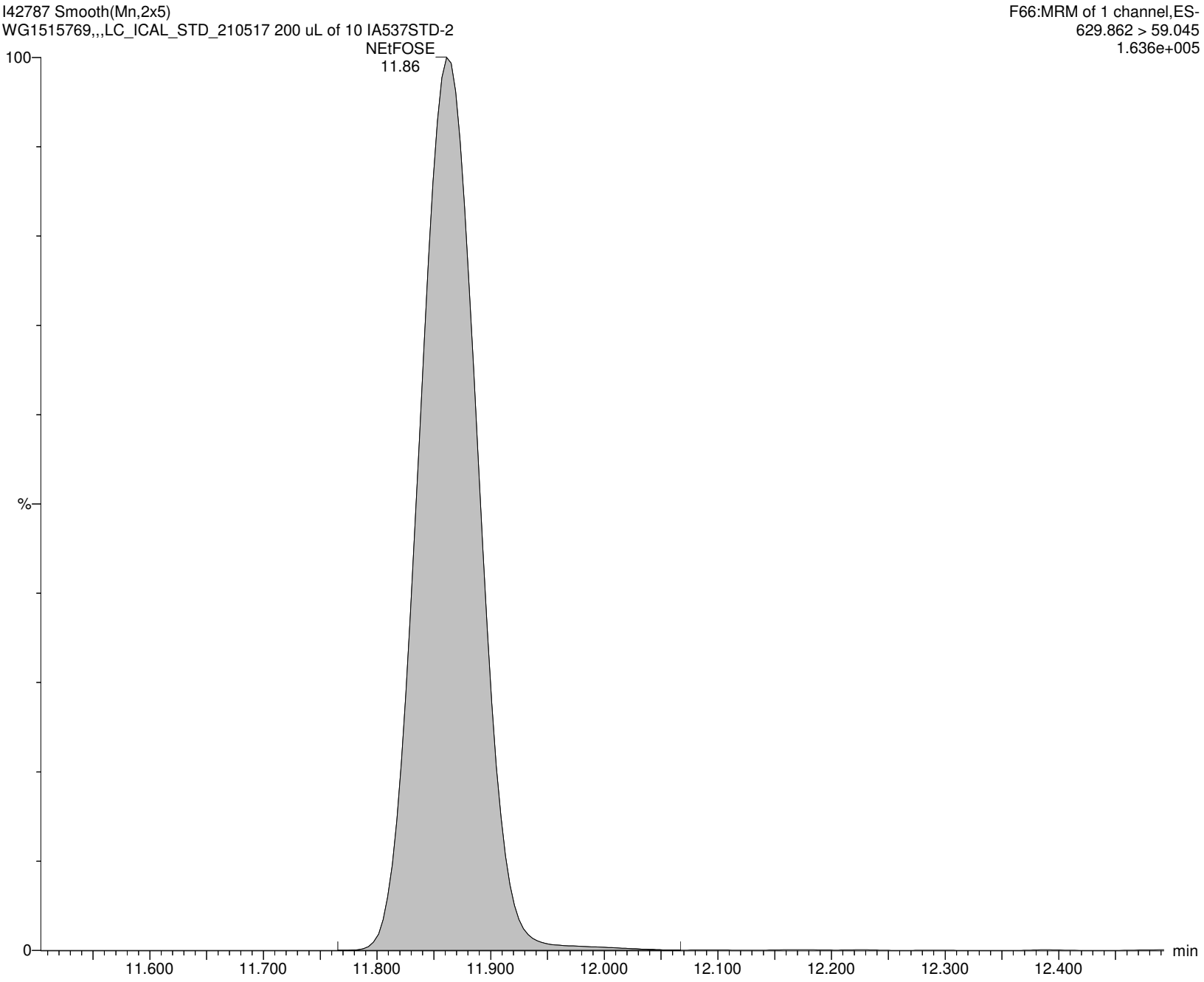


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSE

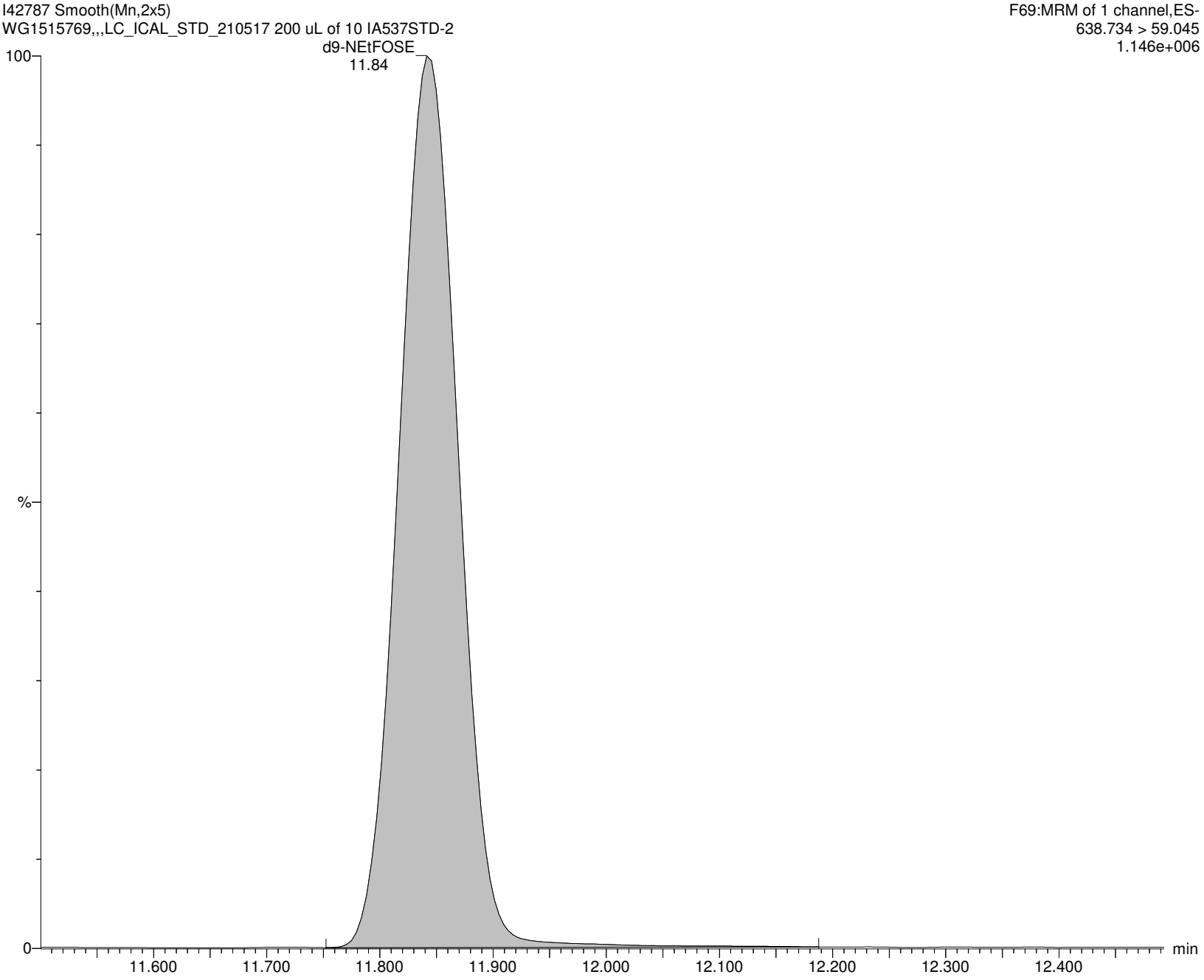


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d9-NEtFOSE

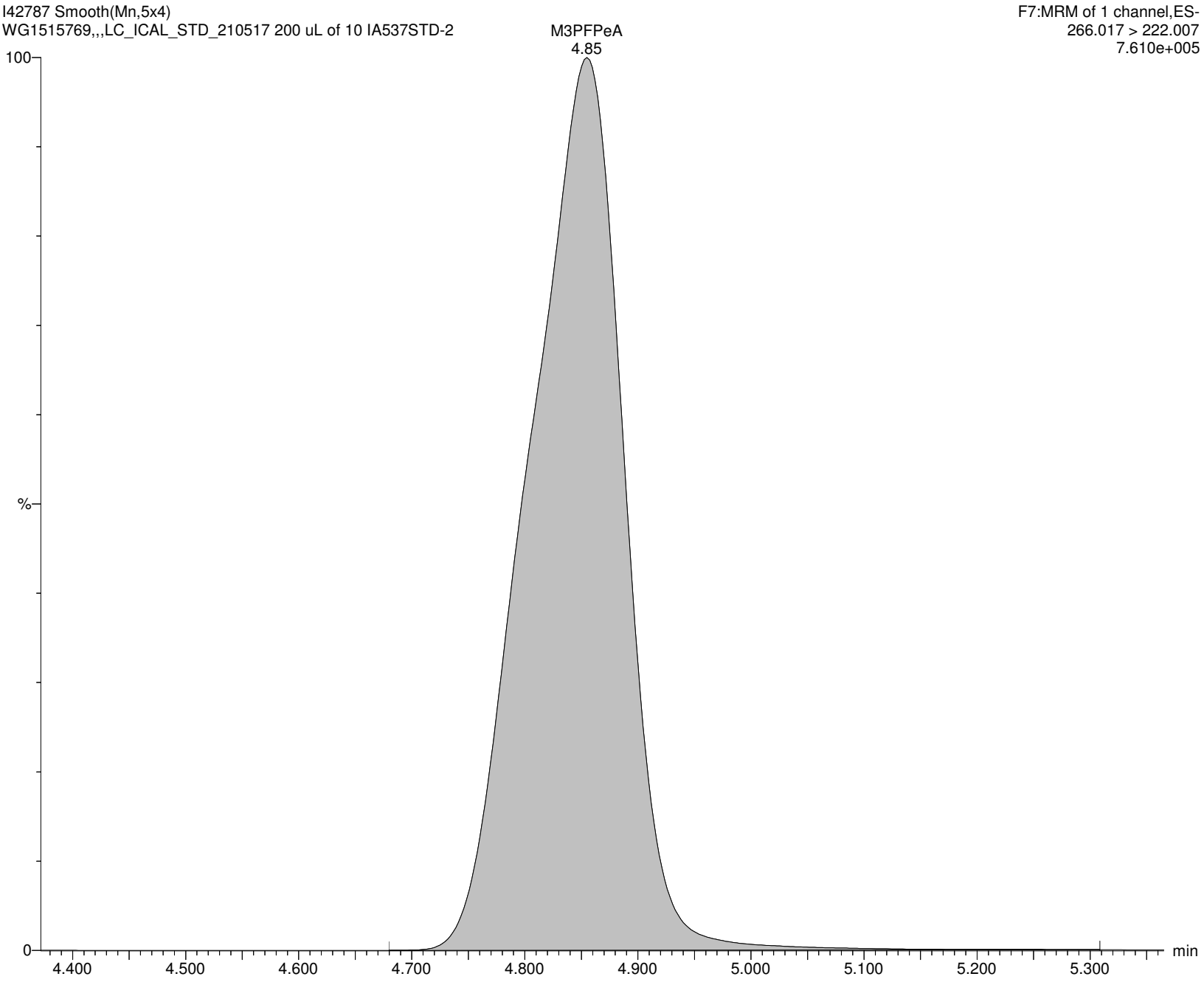


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFPeA

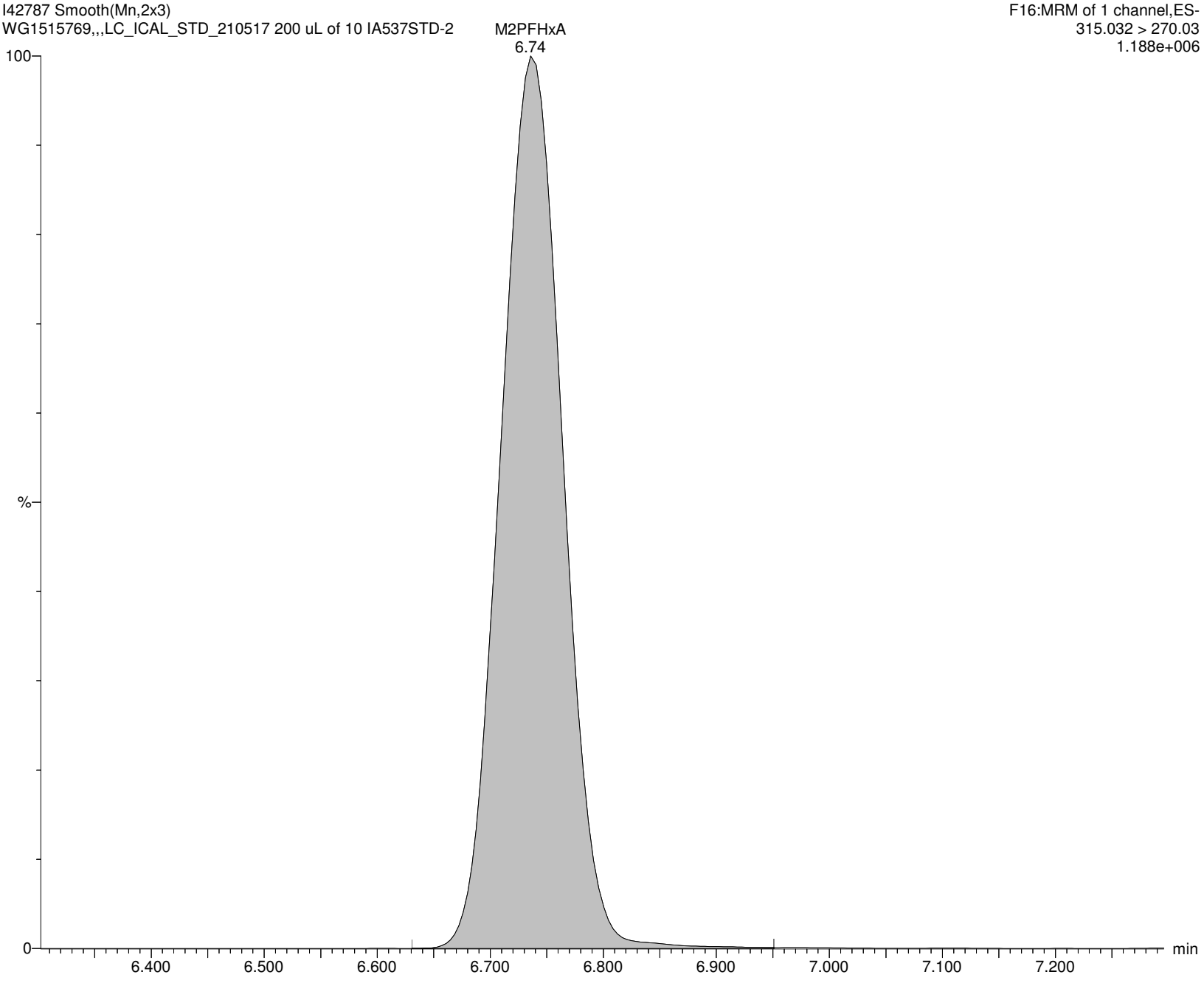


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFHxA

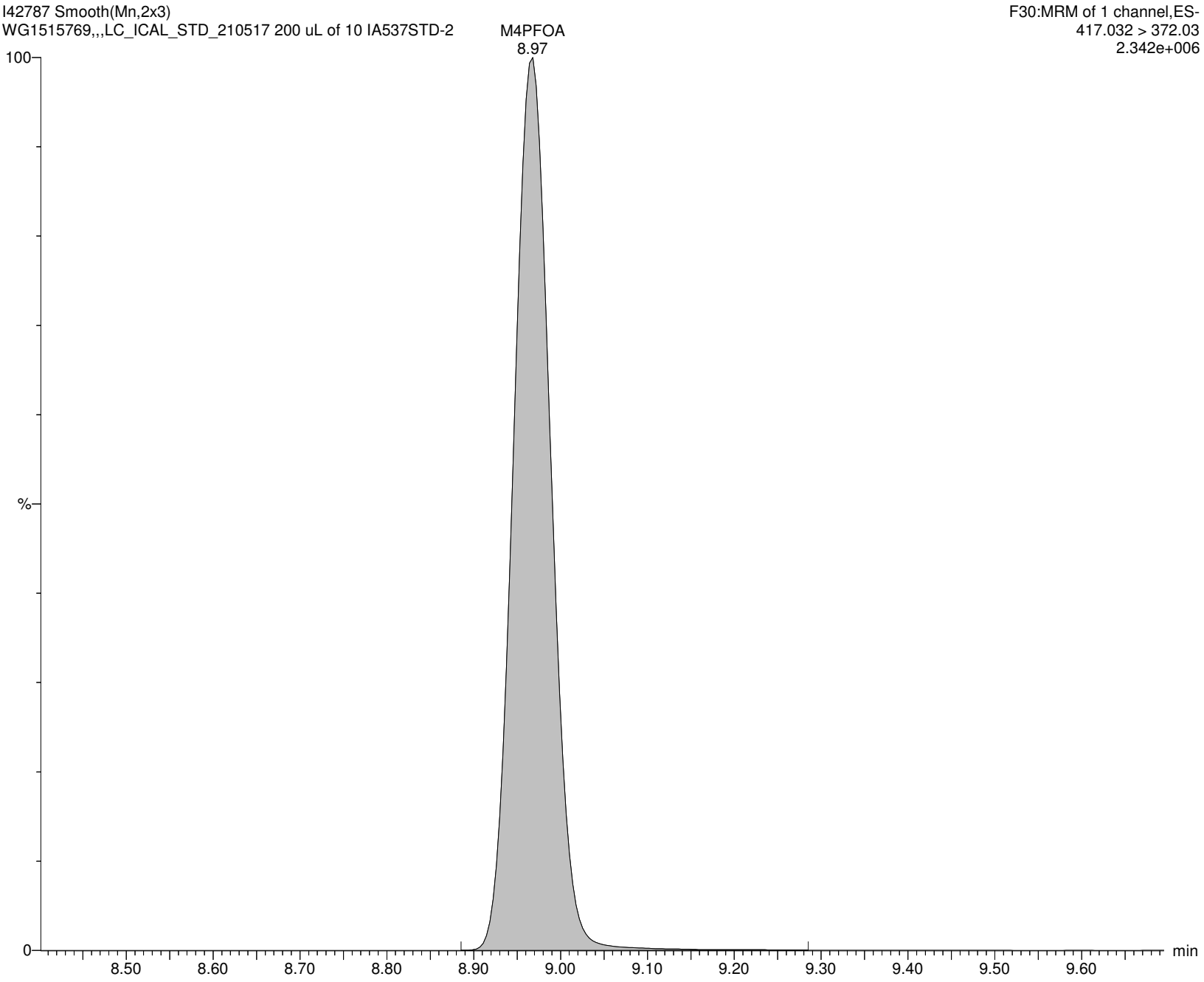


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOA

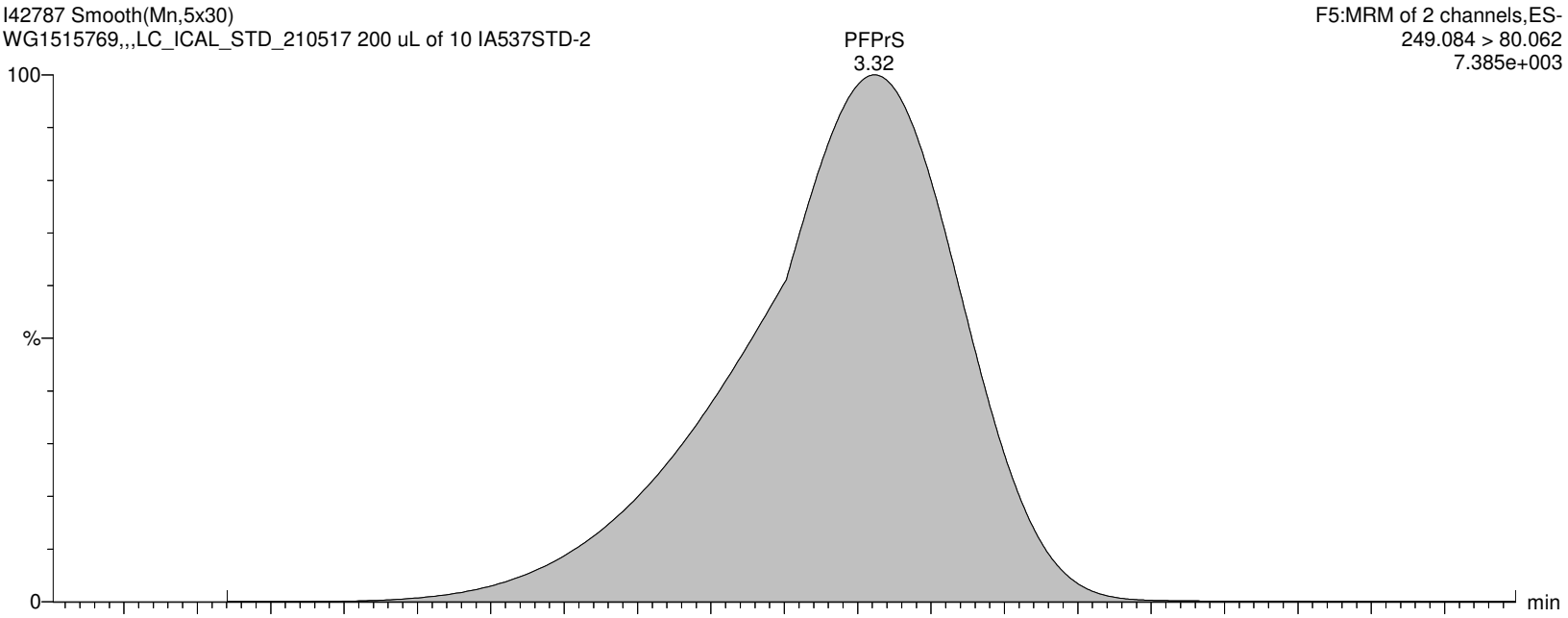


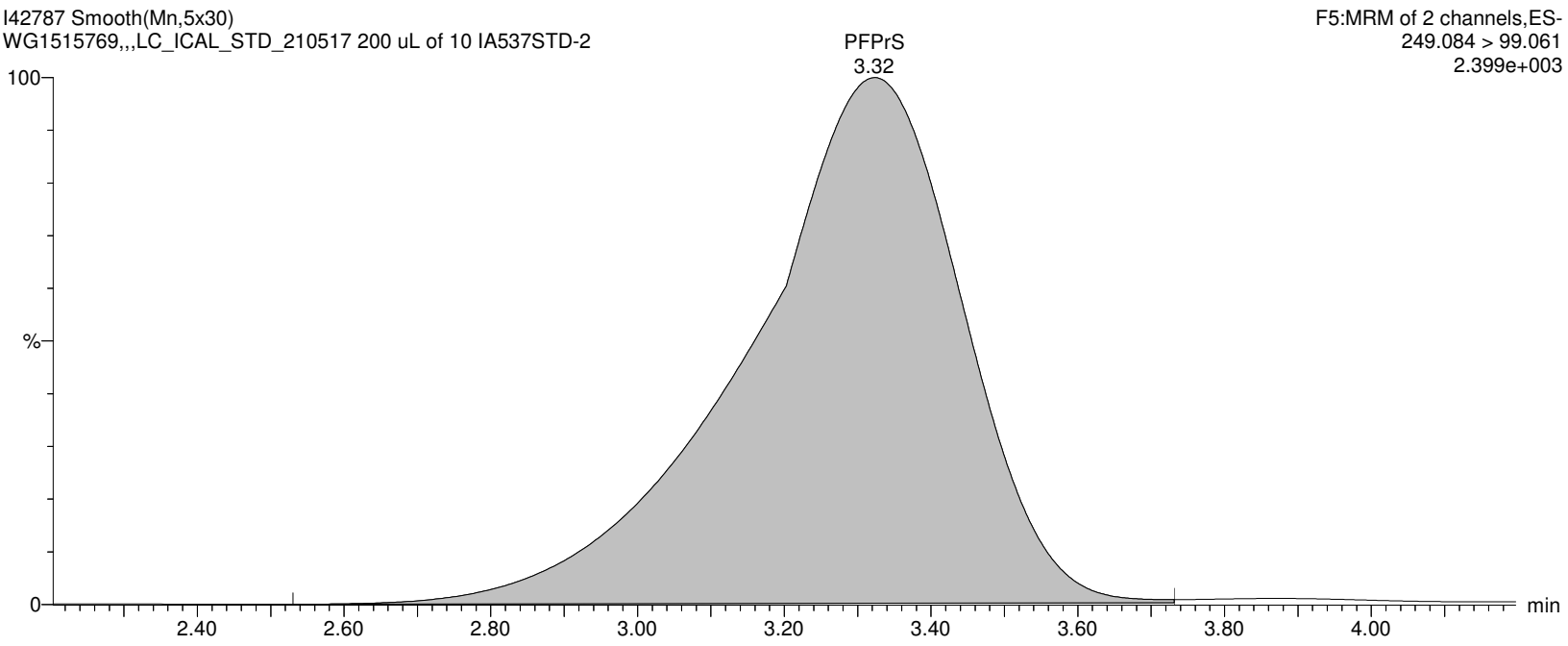
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPrS



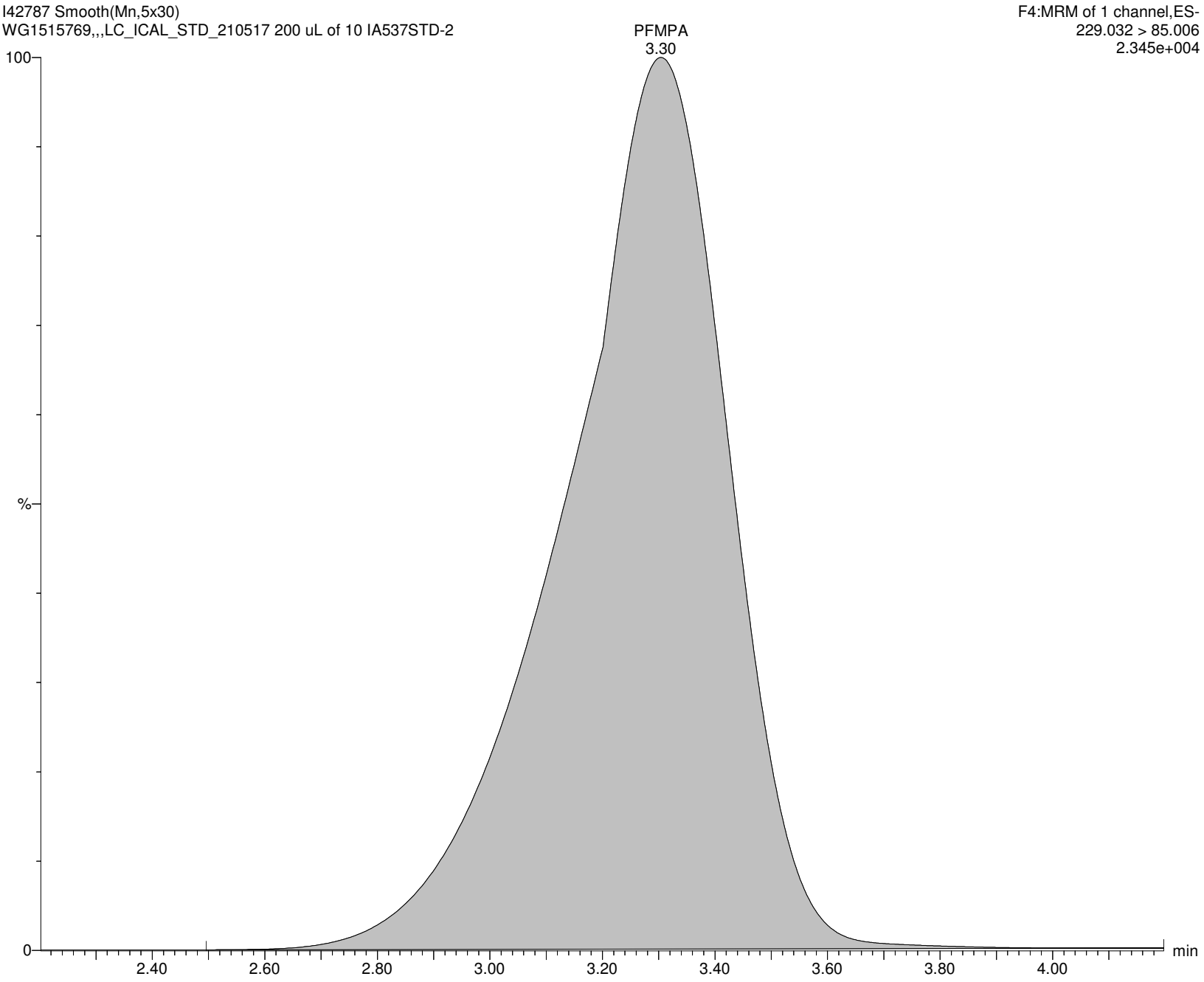


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFMPA

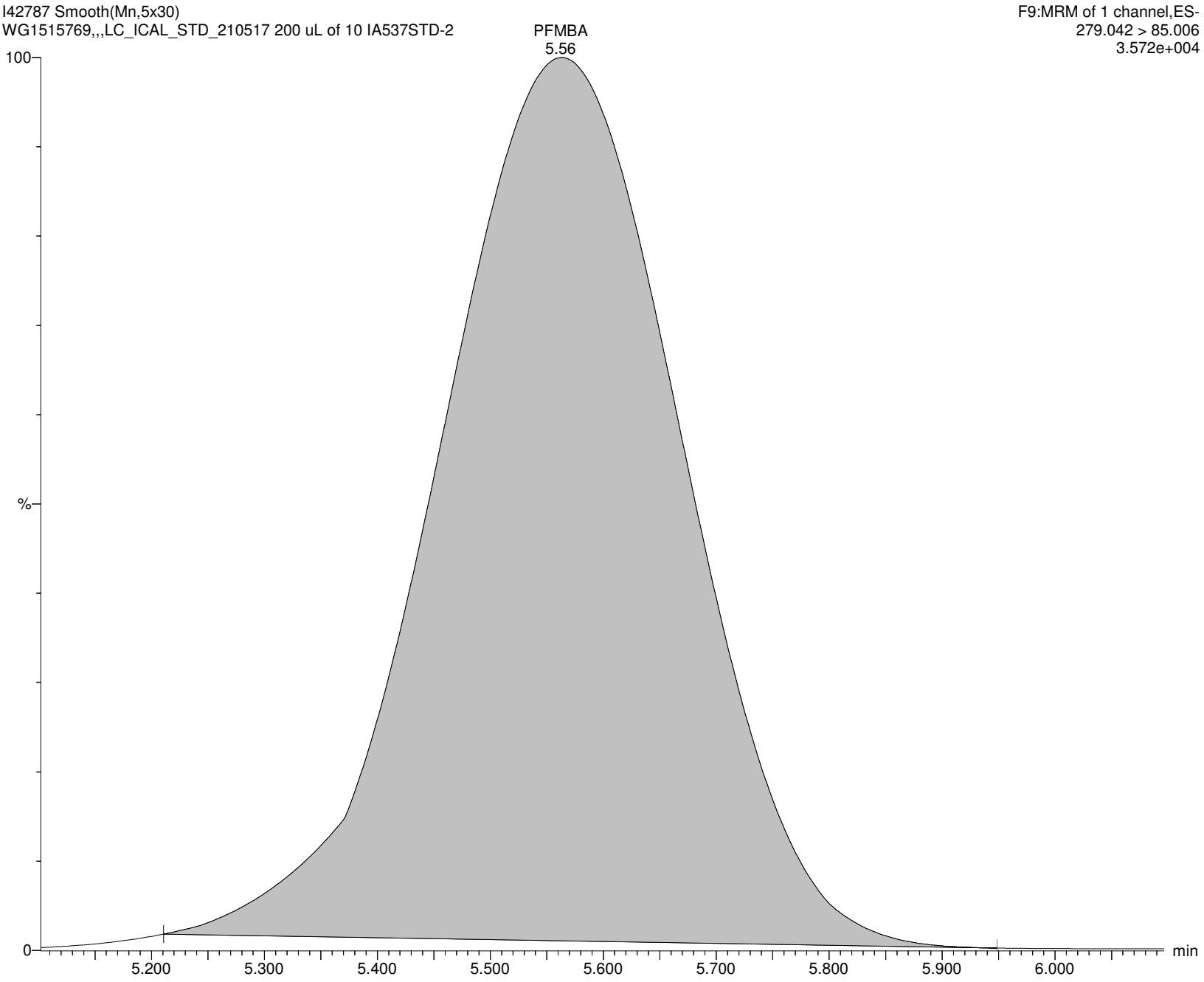


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFMBA

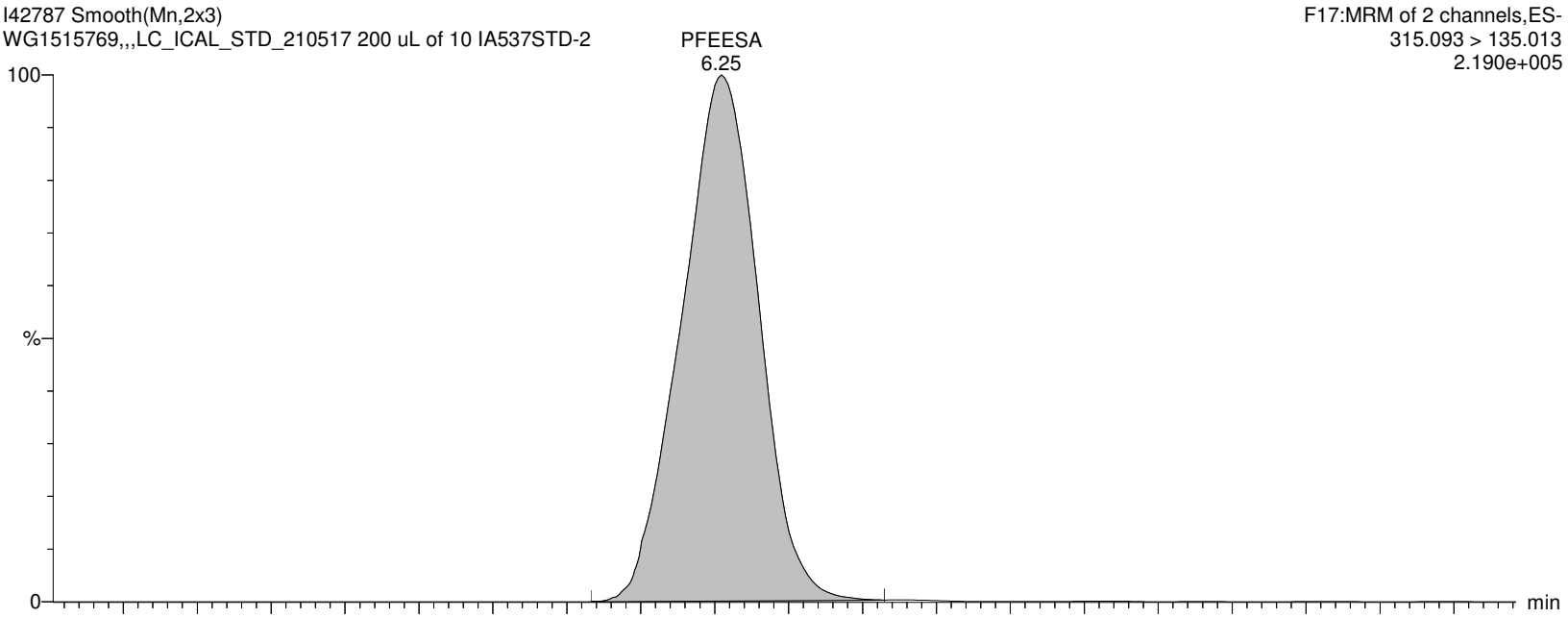


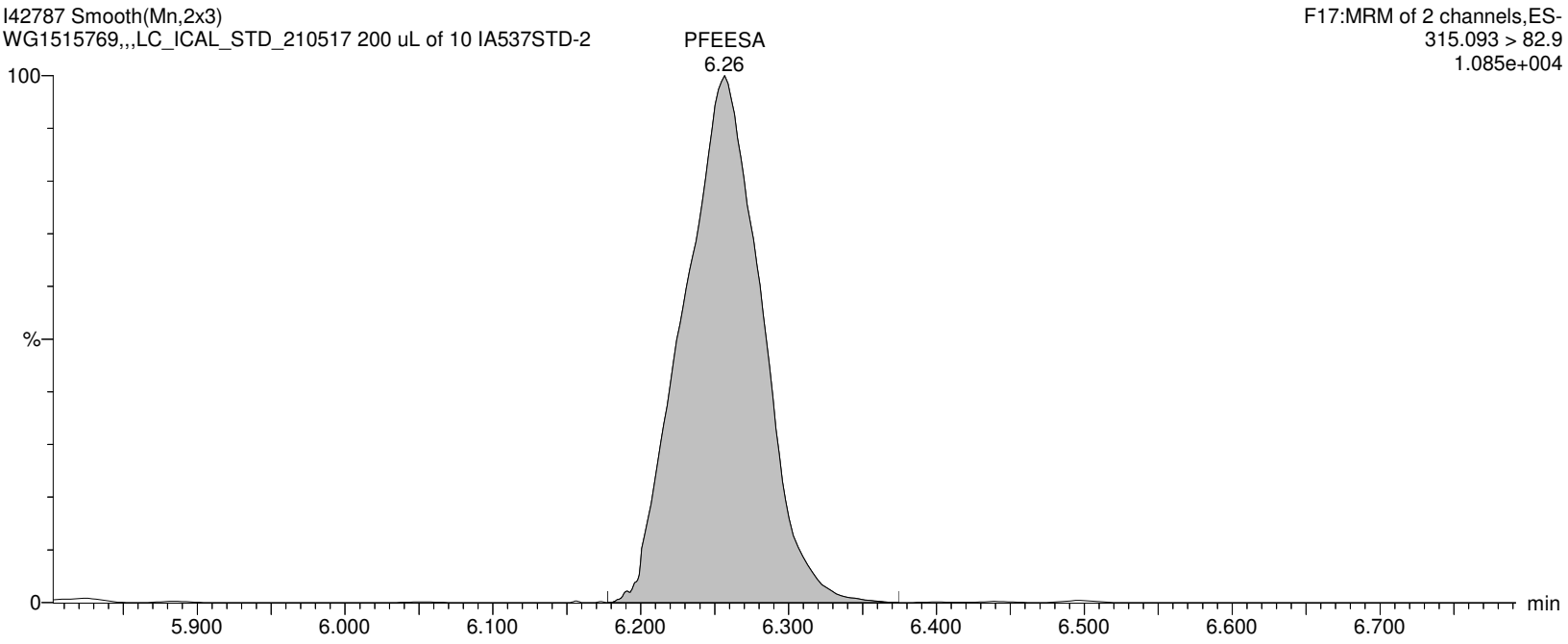
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFEESA



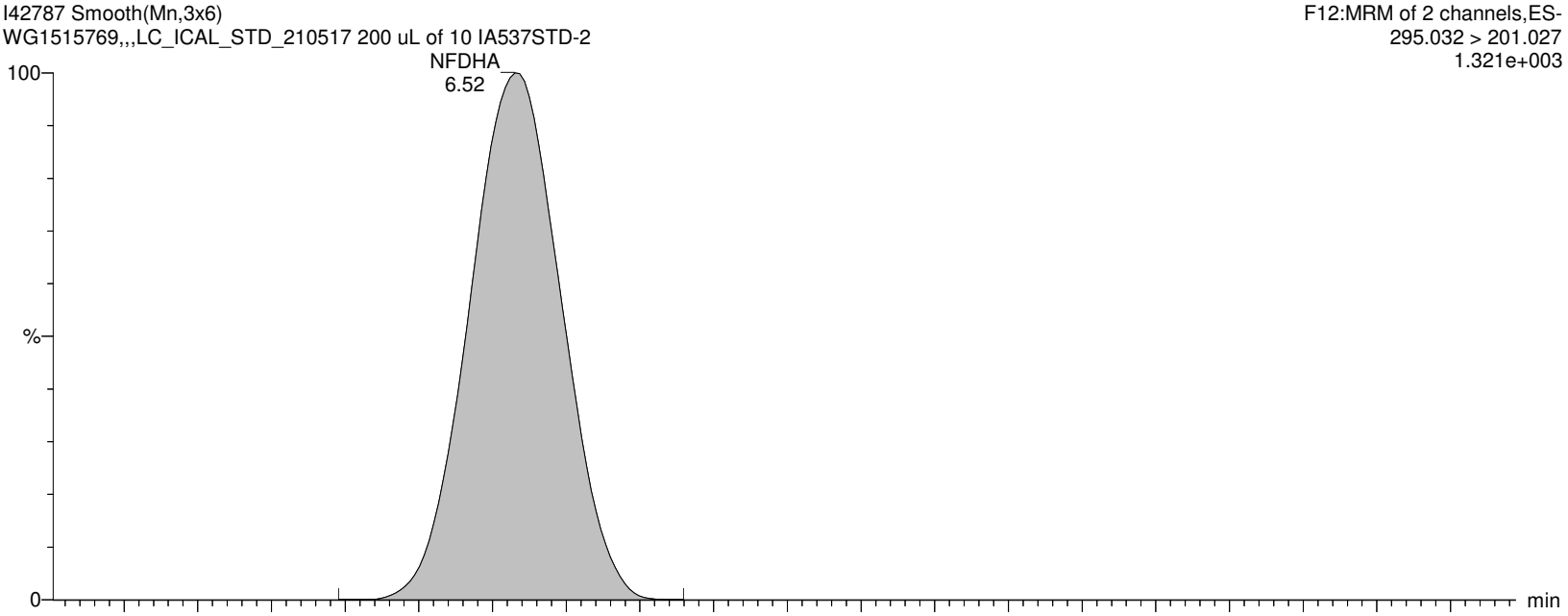


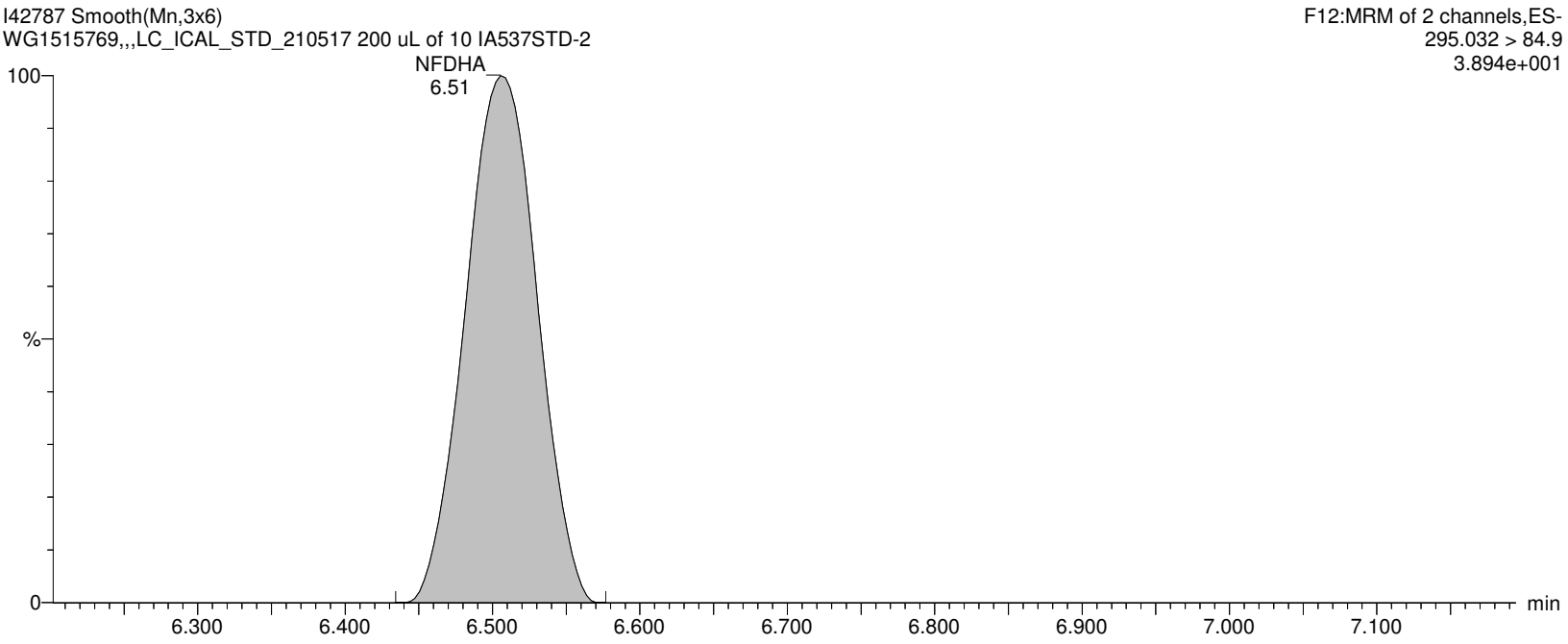
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NFDHA





all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\MethDB\537ISO_Q_210625_TOP_RT.mdb 22 Jun 2021 09:28:25
Calibration: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

ID: IA537STD-5
Name: I42788
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	1.97	213.032 > 169.022	24777		4.789		na	95.8
2	M3PFBA	INT STD	1.97	216.009 > 171.999	53174		10.129		na	101.3
3	MPFBA	INT STD	1.97	217.001 > 171.999	58137		10.168		na	101.7
4	PFPeA	2706-90-3	4.85	263.039 > 219.03	29487		4.855		na	97.1
5	M5PFPEA	INT STD	4.85	268.001 > 222.999	64551		10.289		na	102.9
6	PFBS	375-73-5	5.51	299.092 > 80.062	6288		4.310	2.00	NO	97.4
7	M3PFBS	INT STD	5.51	302.069 > 80.062	13429		9.985		na	99.9
8	4:2FTS	757124-72-4	6.67	327.146 > 307.139	2258		4.783	2.58	NO	102.3
9	M2-4:2FTS	INT STD	6.67	329.13 > 309.124	4877		9.049		na	90.5
10	PFHxA	307-24-4	6.74	313.047 > 269.037	35119		4.806	15.89	NO	96.1
11	M5PFHxA	INT STD	6.74	318.009 > 273.007	68872		10.218		na	102.2
12	PFPeS	2706-91-4	7.07	349.1 > 80.062	6811		5.050	2.28	NO	107.4
13	PFHpA	375-85-9	8.03	363.055 > 319.045	50076		4.806	5.51	NO	96.1
14	M4PFHpA	INT STD	8.03	367.025 > 322.022	102991		10.249		na	102.5
15	br-PFHxS	355-46-4	7.96	399.107 > 80.062	1207	M5,M7	0.932	2.52	NO	109.6
16	L-PFHxS	355-46-4	8.20	399.107 > 80.062	5811		3.471	1.57	NO	93.8
17	PFHxS	355-46-4		399.107 > 80.062	7018		4.402		na	
18	M3PFHxS	INT STD	8.19	402.084 > 80.062	15345		10.062		na	100.6
19	br-PFOA	335-67-1		413.063 > 369.053			ND		YES	
20	L-PFOA	335-67-1	8.98	413.063 > 369.053	53670		4.872	8.89	NO	97.4
21	PFOA	335-67-1		413.063 > 369.053	53670		4.872		na	
22	M8PFOA	INT STD	8.98	421.002 > 376.	114319		10.215		na	102.2
23	M2PFOA	INT STD	8.98	415.048 > 370.045	110229		10.408		na	104.1
24	6:2FTS	27619-97-2	8.94	427.161 > 407.155	2405		4.977	4.01	NO	104.8
25	M2-6:2FTS	INT STD	8.94	429.146 > 409.14	4951		8.949		na	89.5
26	PFHpS	375-92-8	9.08	449.115 > 80.062	4491		4.555	1.07	NO	95.9
27	PFNA	375-95-1	9.74	463.071 > 419.061	40270		4.901	3.91	NO	98.0
28	M9PFNA	INT STD	9.74	472.002 > 427.	32892		10.232		na	102.3
29	br-PFOS	1763-23-1	9.61	499.123 > 80.062	1597	M5,M7	1.059	4.17	NO	105.9
30	L-PFOS	1763-23-1	9.80	499.123 > 80.062	4707		3.871	1.77	NO	106.0
31	PFOS	1763-23-1		499.123 > 80.062	6303		4.930		na	
32	M4PFOS	INT STD	9.80	503.093 > 80.062	12189		10.769		na	107.7
33	M8PFOS	INT STD	9.79	507.062 > 80.062	13761		10.075		na	100.8
34	PFDA	335-76-2	10.35	513.078 > 469.069	35902		4.657	5.48	NO	93.1
35	M2PFDA	INT STD	10.35	515.053 > 469.934	65537		10.743		na	107.4
36	M6PFDA	INT STD	10.35	519.033 > 474.03	77474		10.415		na	104.1
37	8:2FTS	39108-34-4	10.34	527.177 > 507.171	1177	M7	4.937	5.15	NO	102.8
38	M2-8:2FTS	INT STD	10.34	529.162 > 509.155	3709		9.119		na	91.2
39	PFNS	68259-12-1	10.38	549.131 > 80.062	5012		4.715	1.39	NO	98.2

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

ID: IA537STD-5
Name: I42788
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.75	573.22 > 419.061	6969		9.939		na	99.4
41	br-NMeFOSAA		10.61	570.202 > 419.061	304	M5,M7	1.121	1.77	NO	93.4
42	L-NMeFOSAA		10.76	570.202 > 419.061	2874		3.786	2.37	NO	99.6
43	NMeFOSAA	2355-31-9		570.202 > 419.061	3178		4.908		na	
44	PFUnA	2058-94-8	10.87	563.086 > 519.076	33940		4.588	10.12	NO	91.8
45	M7-PFUDA	INT STD	10.87	570.033 > 525.031	73342		10.572		na	105.7
46	PFDS	335-77-3	10.89	599.139 > 80.062	5721		5.008	1.75	NO	103.8
47	FOSA	754-91-6	10.94	498.146 > 78.07	16897		4.883	121.10	NO	97.7
48	M8FOSA	INT STD	10.94	506.077 > 78.07	40419		10.036		na	100.4
49	br-NEtFOSAA		10.91	584.229 > 419.061	242	M5,M7	1.289	0.67	NO	114.6
50	L-NEtFOSAA		11.06	584.229 > 419.061	1970		3.541	1.16	NO	91.4
51	NEtFOSAA	2991-50-6		584.229 > 419.061	2212		4.830		na	
52	d5-NEtFOSAA	INT STD	11.05	589.259 > 419.061	5639		9.733		na	97.3
53	PFDoA	307-55-1	11.34	613.094 > 569.084	35141		4.975	19.53	NO	99.5
54	MPFDOA	INT STD	11.34	615.079 > 570.077	67263		10.050		na	100.5
55	PFTrDA	72629-94-8	11.75	663.102 > 619.092	28125		5.541	10.83	NO	110.8
56	PFTA	376-06-7	12.11	713.11 > 669.1	19851		4.880	9.20	NO	97.6
57	M2PFTEDA	INT STD	12.11	715.094 > 670.092	20893		9.953		na	99.5
58	M3HFPO-DA	INT STD	7.17	287.02 > 169.022	5644		180.978		na	90.5
59	HFPO-DA	13252-13-6	7.18	285.035 > 169.022	1548		56.489	4.36	NO	113.0
60	ADONA	958445-44-8	8.21	377.06 > 251.028	44904		4.946	41.59	NO	104.5
61	PFHxDA		12.63	813.122 > 769.116	10033		5.104	21.25	NO	102.1
62	PFODA		12.86	913.411 > 869.131	1125	M4	4.673	21.99	NO	93.5
63	M2PFHxDA		12.63	815.102 > 770.108	29731		9.669		na	96.7
64	PFDoS		11.74	699.154 > 80.062	3536		4.739	2.35	NO	94.8
65	M2D4-10:2FTS		11.34	633.201 > 612.189	4553	M4	21.145		na	107.0
66	10:2FTS		11.35	627.192 > 607.186	1144	M2,M7	4.278	1.84	NO	88.7
67	9CL-PF3ONS		10.14	530.862 > 350.843	22869		4.129	2.62	NO	88.6
68	11CL-PFOUdS		11.15	630.862 > 450.854	22431		4.374	3.10	NO	92.9
69	NMeFOSA		11.56	512.163 > 169.022	17647		26.697	1.60	NO	106.8
70	d3-NMeFOSA		11.56	515.183 > 169.022	81628		98.929		na	98.9
71	NEtFOSA		11.87	526.192 > 169.022	17972		25.118	4.70	NO	100.5
72	d5-NEtFOSA		11.86	531.222 > 169.022	90216		98.492		na	98.5
73	NMeFOSE		11.56	615.8 > 59.045	20790		14.294		na	114.4
74	d7-NMeFOSE		11.55	622.84 > 59.045	67250		99.388		na	99.4
75	NEtFOSE		11.85	629.862 > 59.045	23164		13.613		na	108.9
76	d9-NEtFOSE		11.83	638.734 > 59.045	64579		94.514		na	94.5
77	M3PFPeA		4.86	266.017 > 222.007	71467		10.544		na	105.4
78	M2PFHxA		6.74	315.032 > 270.03	73031		10.583		na	105.8
79	M4PFOA		8.98	417.032 > 372.03	114073		10.728		na	107.3
80	PFPrS	423-41-6	3.32	249.084 > 80.062	6402		4.860	2.92	NO	106.1
81	PFMPA		3.30	229.032 > 85.006	19739		5.270		na	105.4
82	PFMBA		5.57	279.042 > 85.006	21989		5.270		na	105.4

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

ID: IA537STD-5
Name: I42788
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
83	PFEESA		6.26	315.093 > 135.013	33307		4.862	21.30	NO	109.3
84	NFDHA		6.52	295.032 > 201.027	222		4.675	38.05	NO	93.5

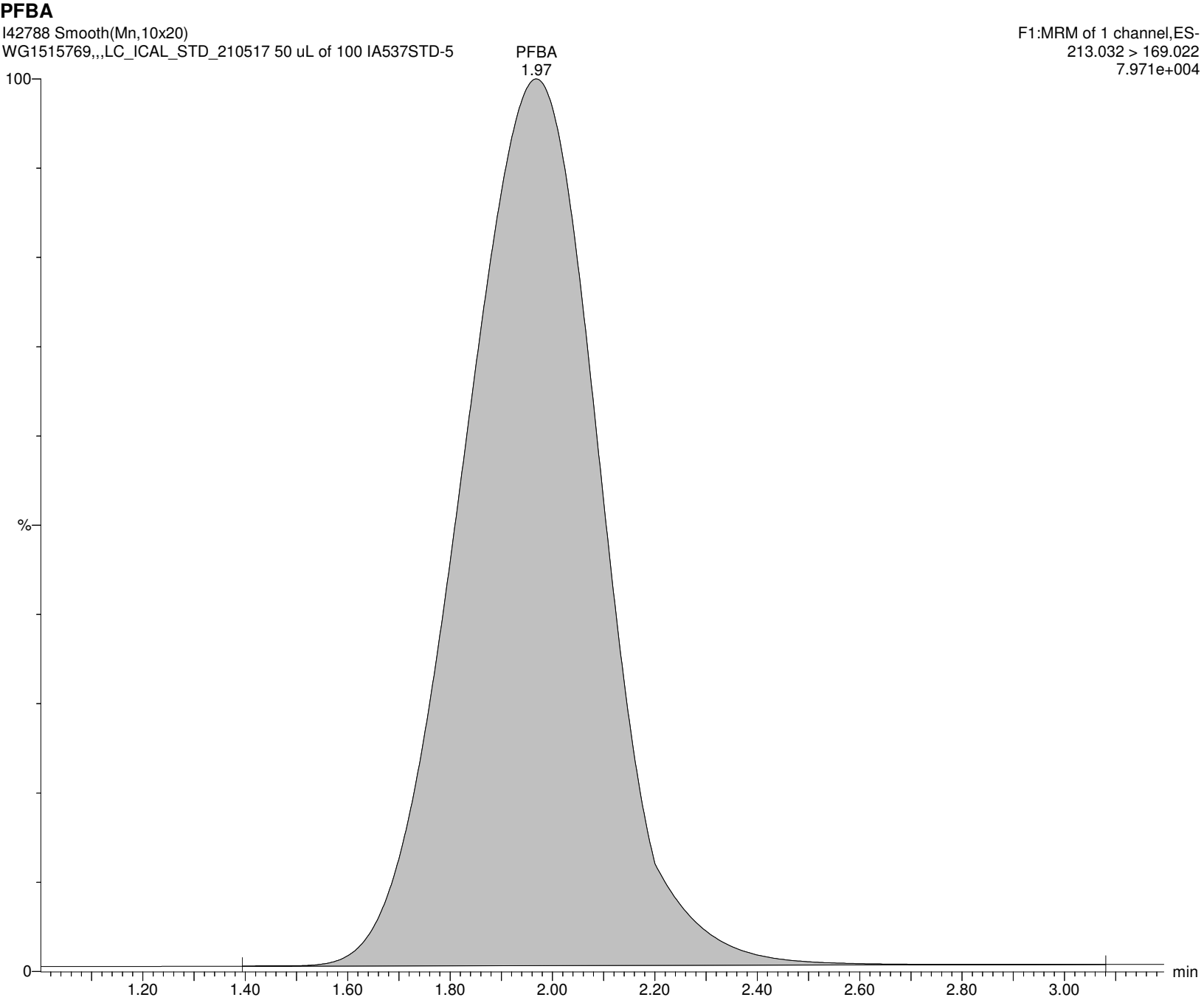
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\MethDB\537ISO_Q_210625_TOP_RT.mdb 22 Jun 2021 09:28:25
Calibration: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBA

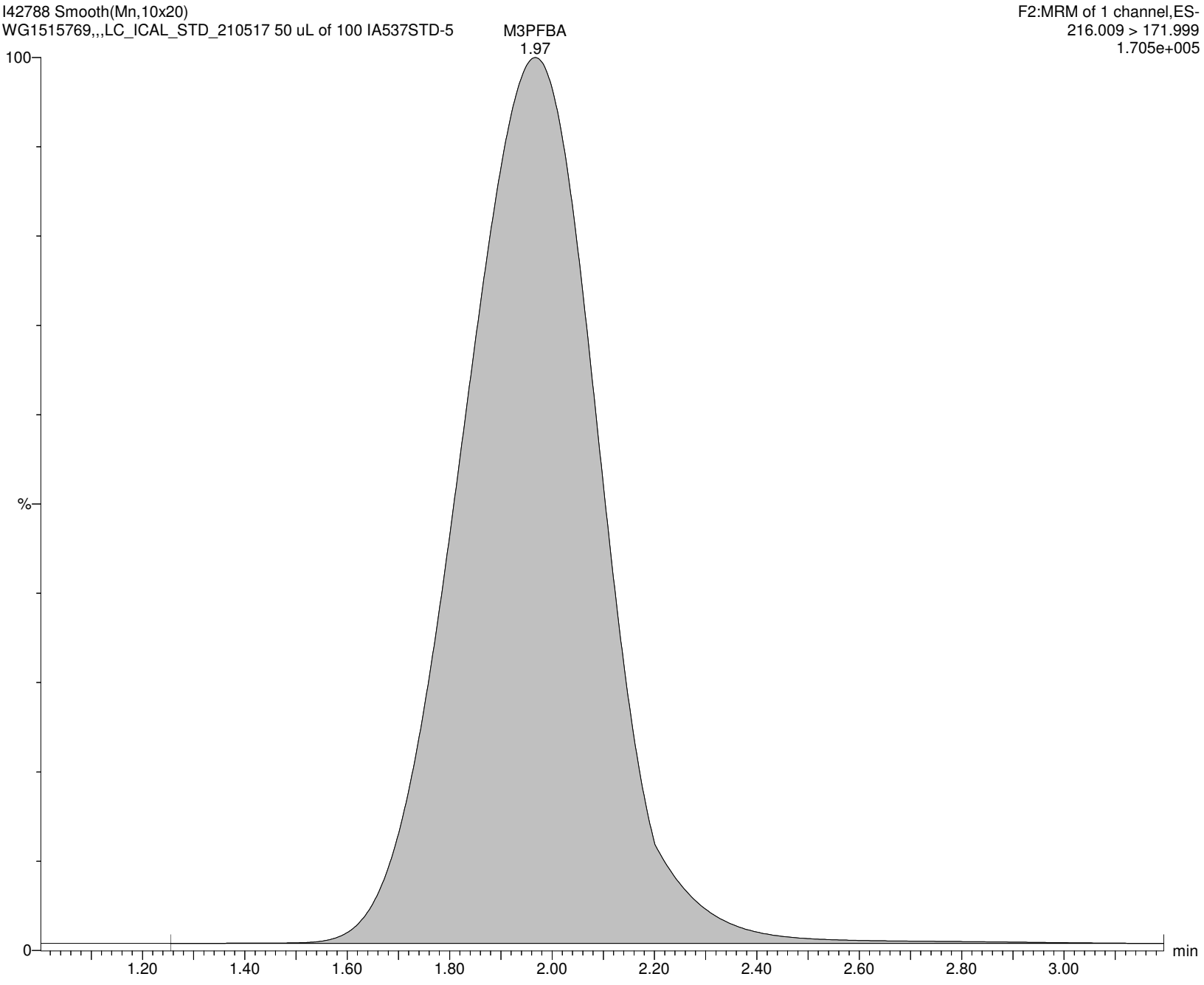


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBA

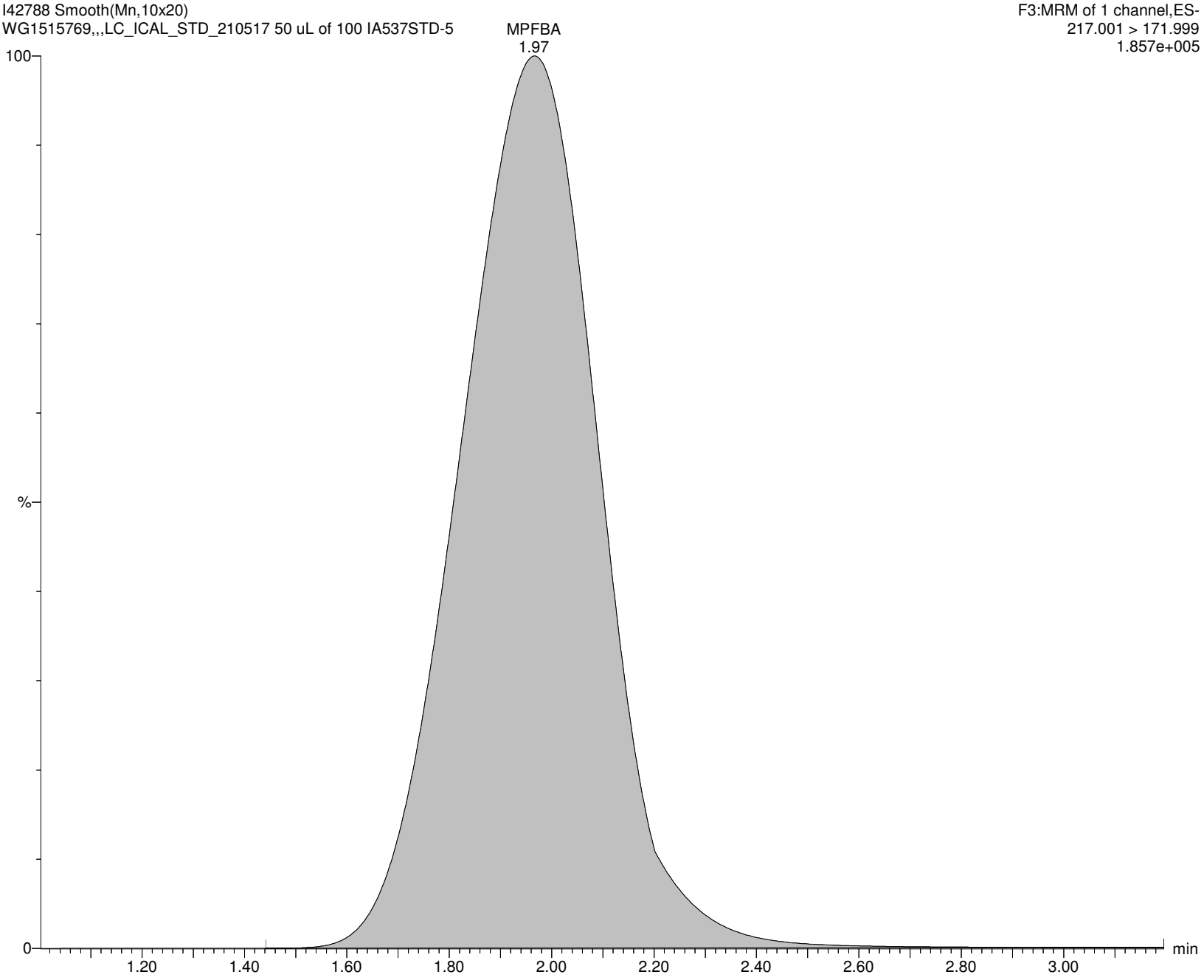


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFBA

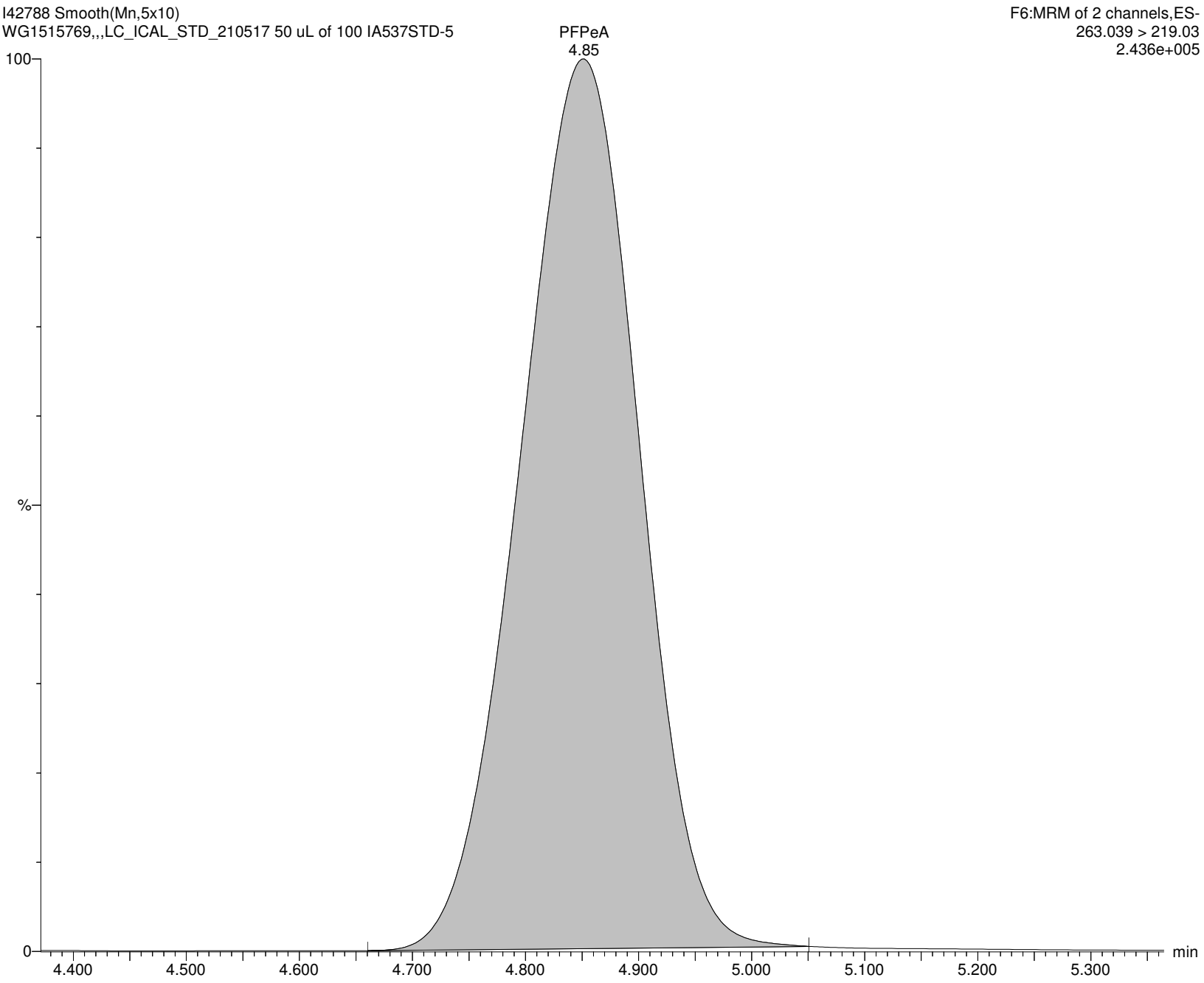


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeA

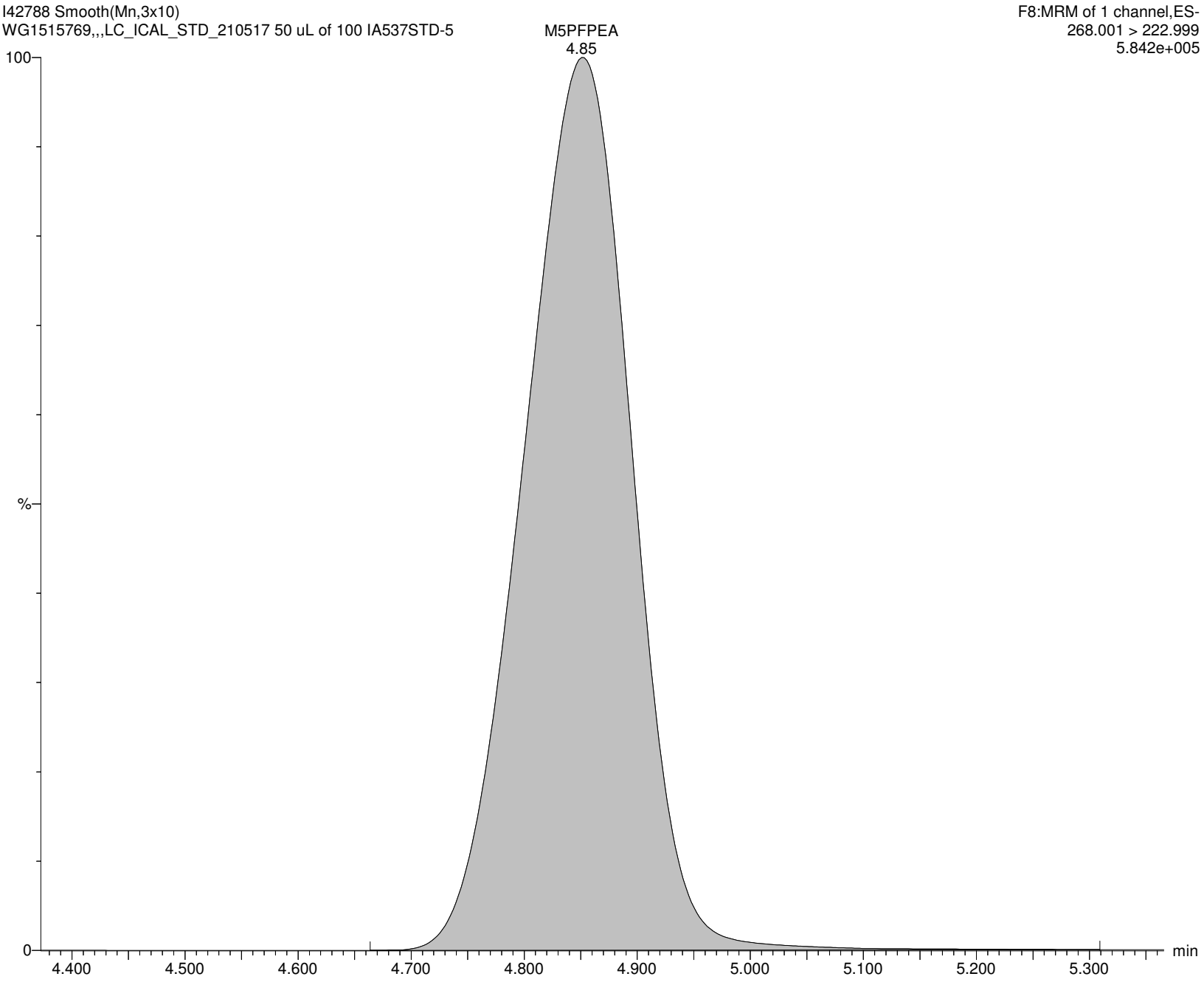


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFPEA

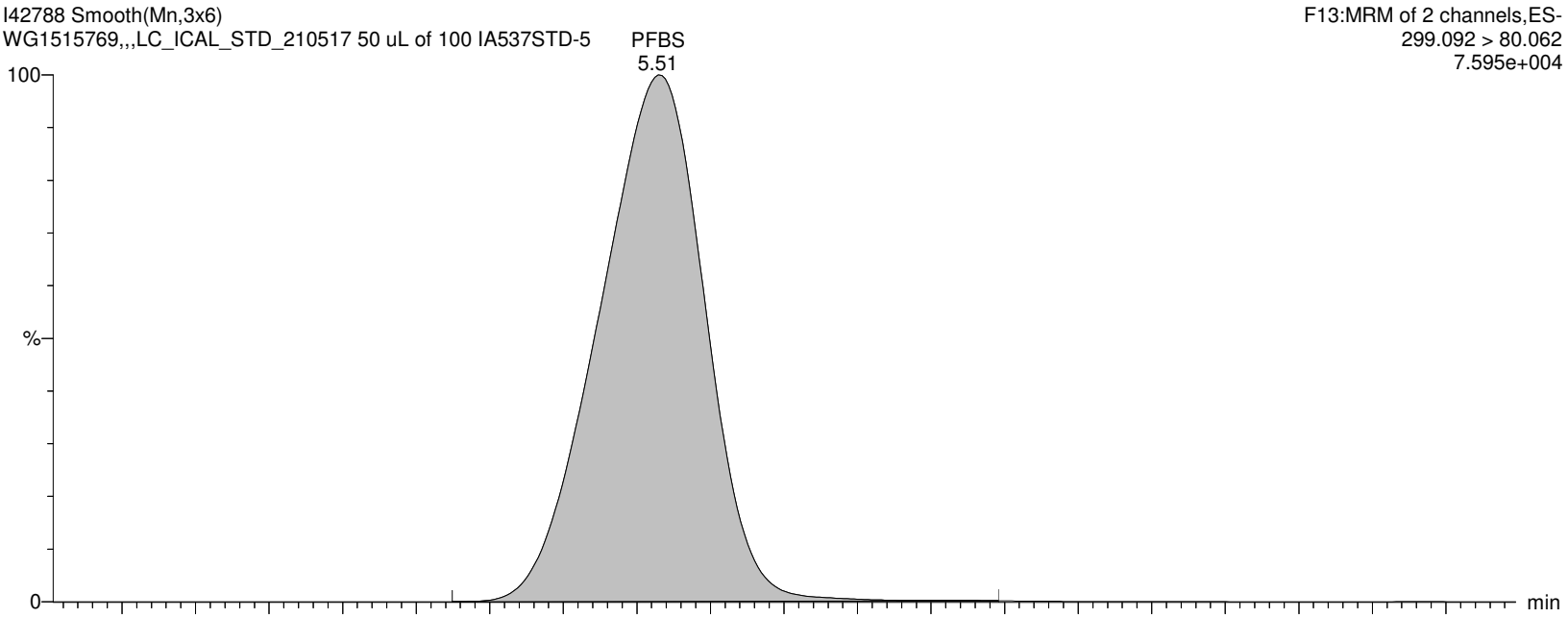


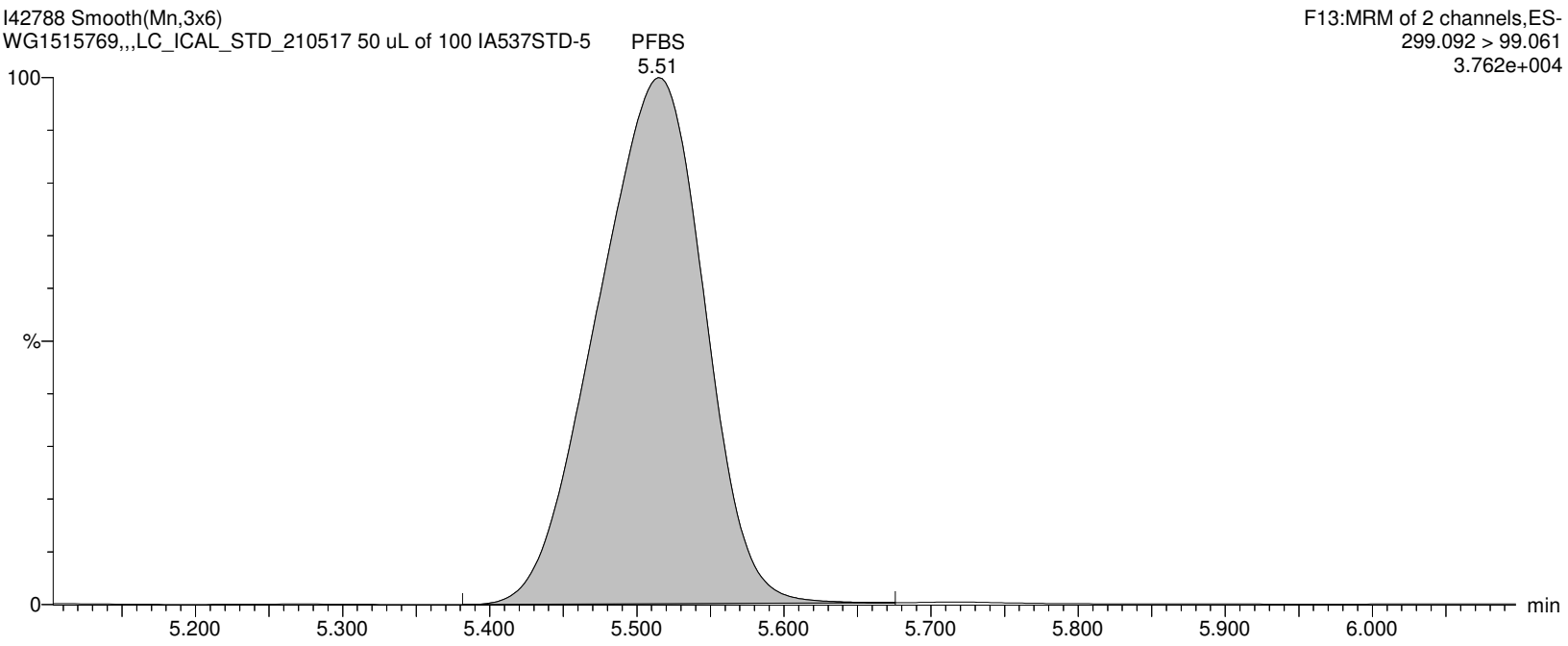
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBS



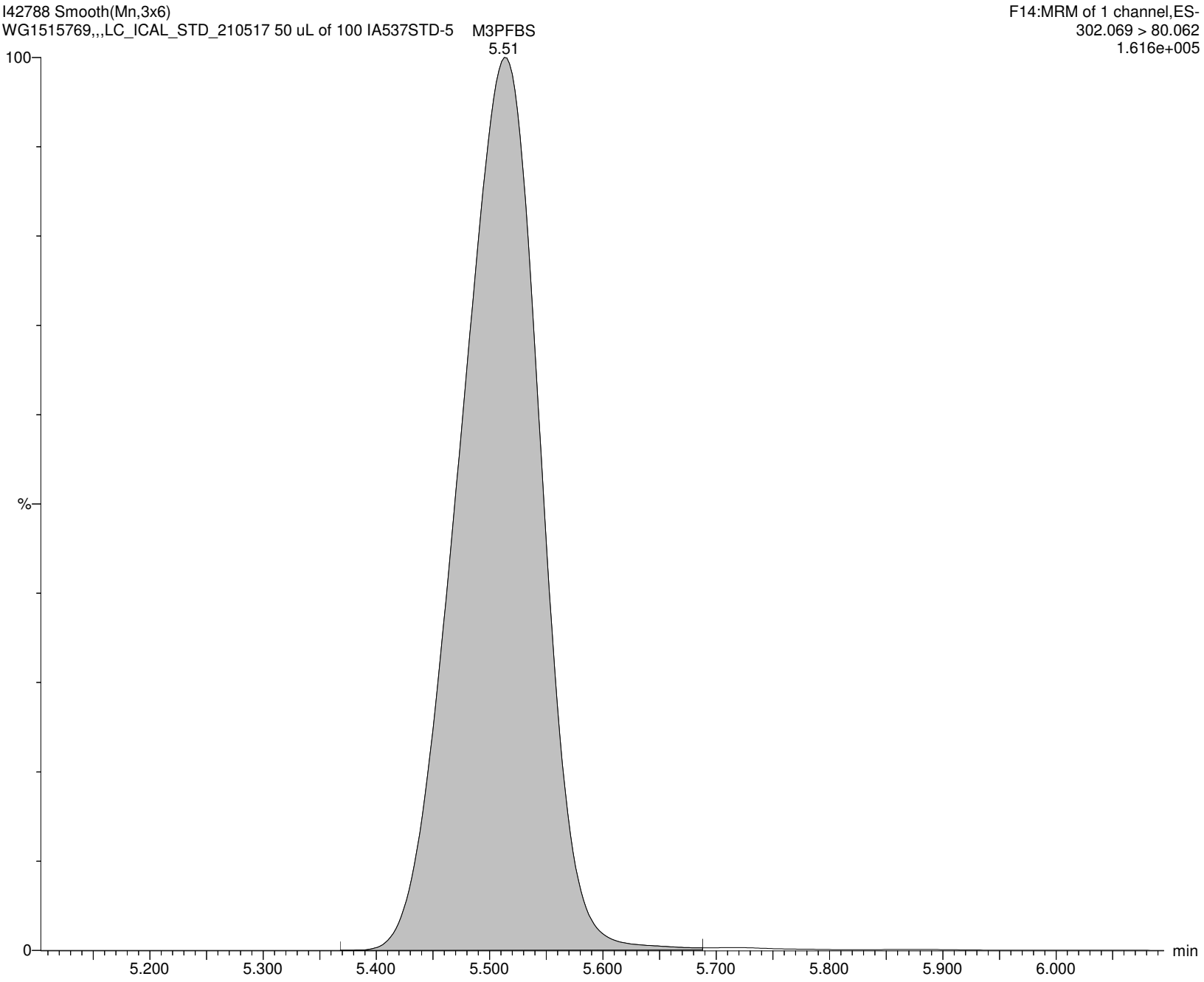


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBS

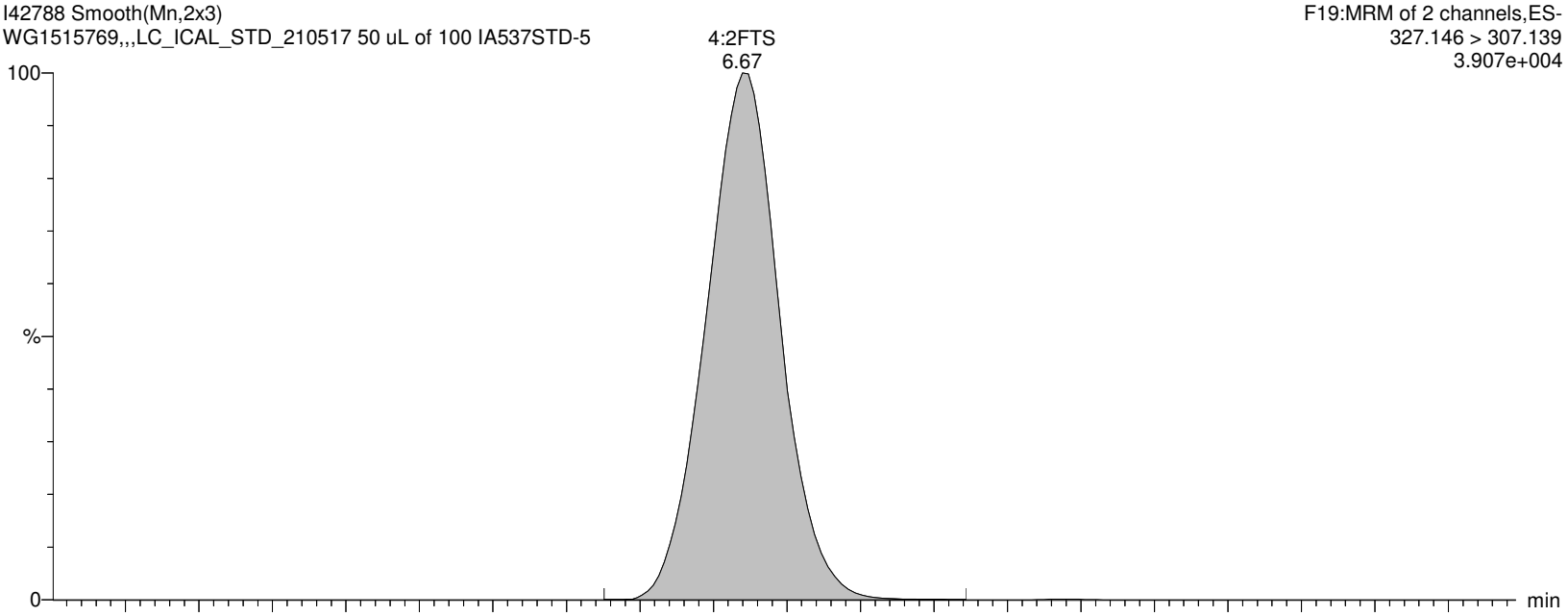


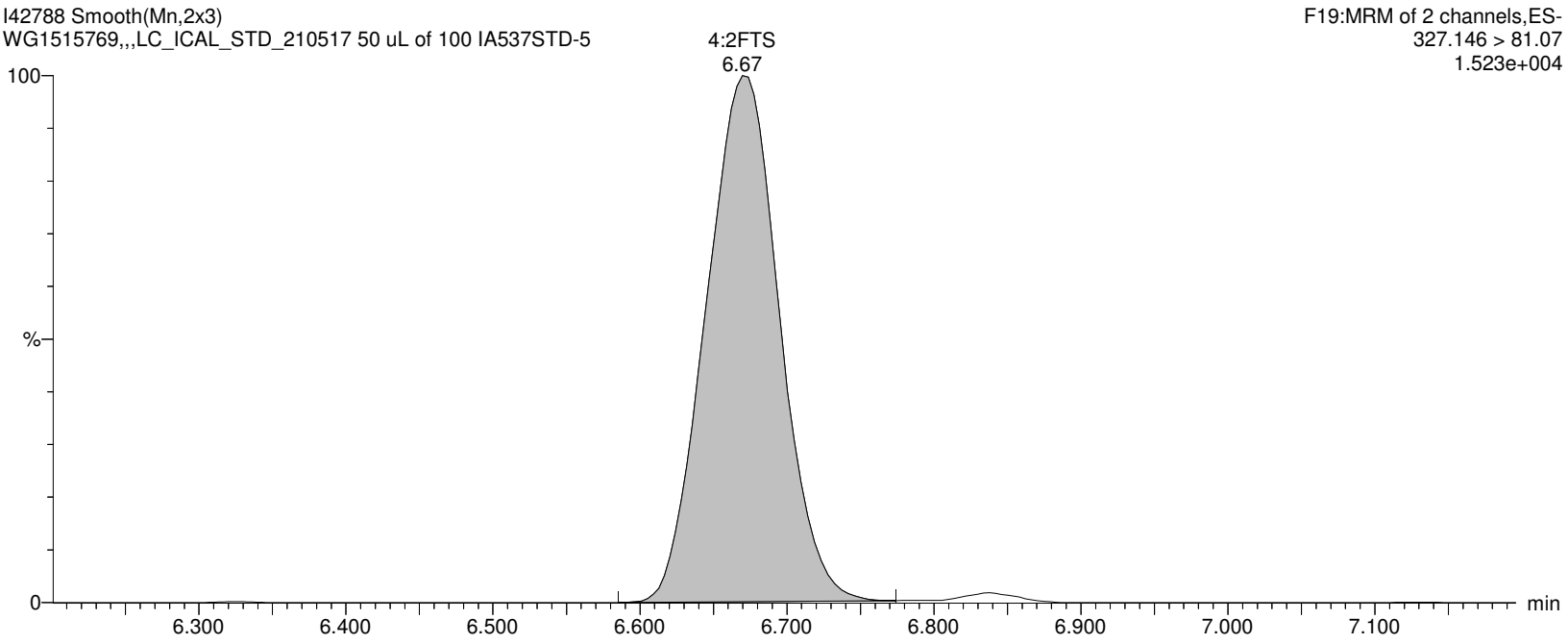
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

4:2FTS



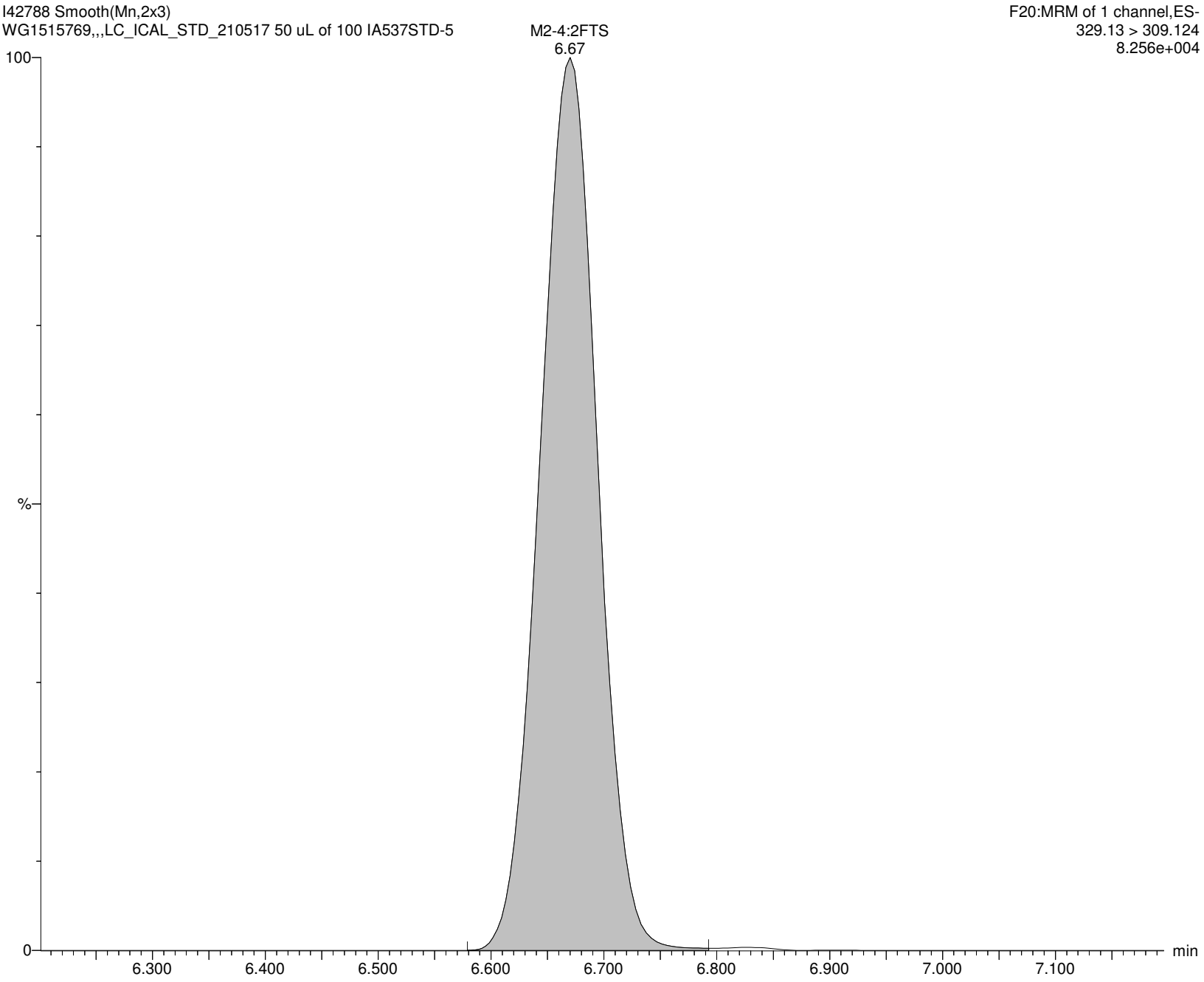


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-4:2FTS

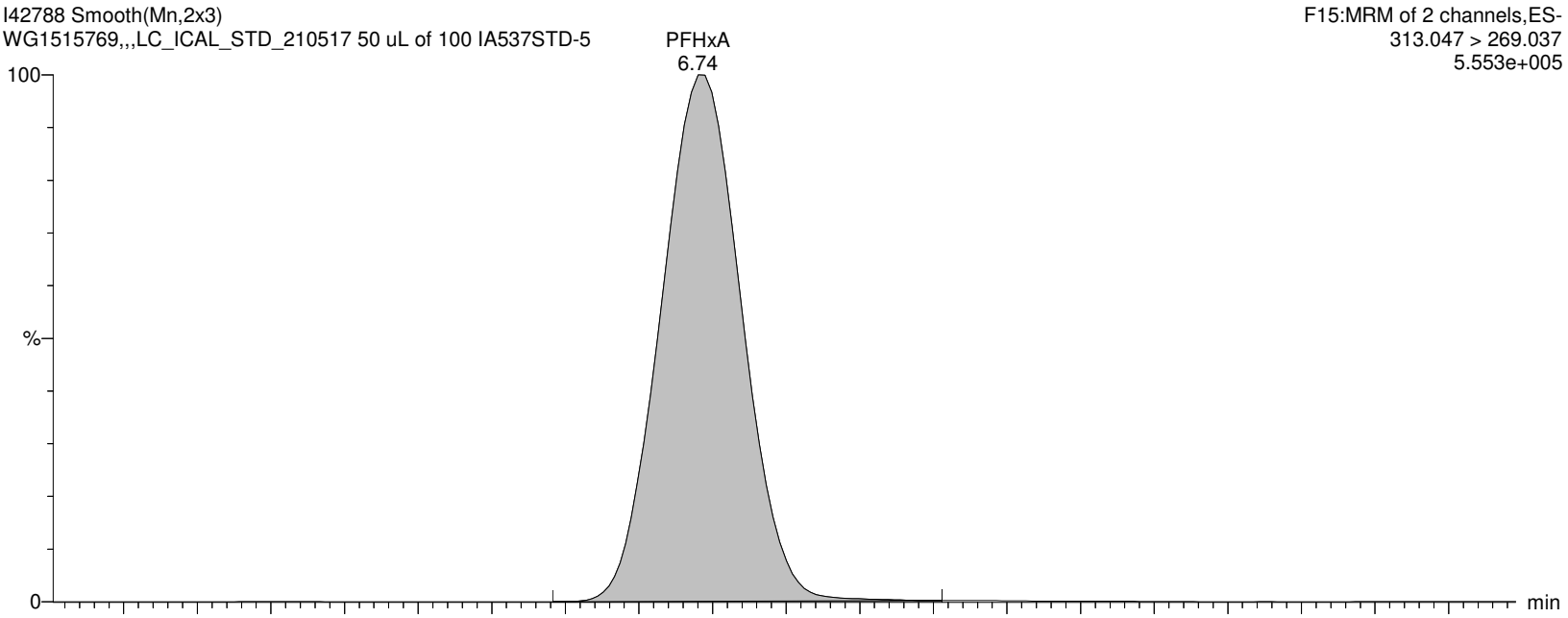


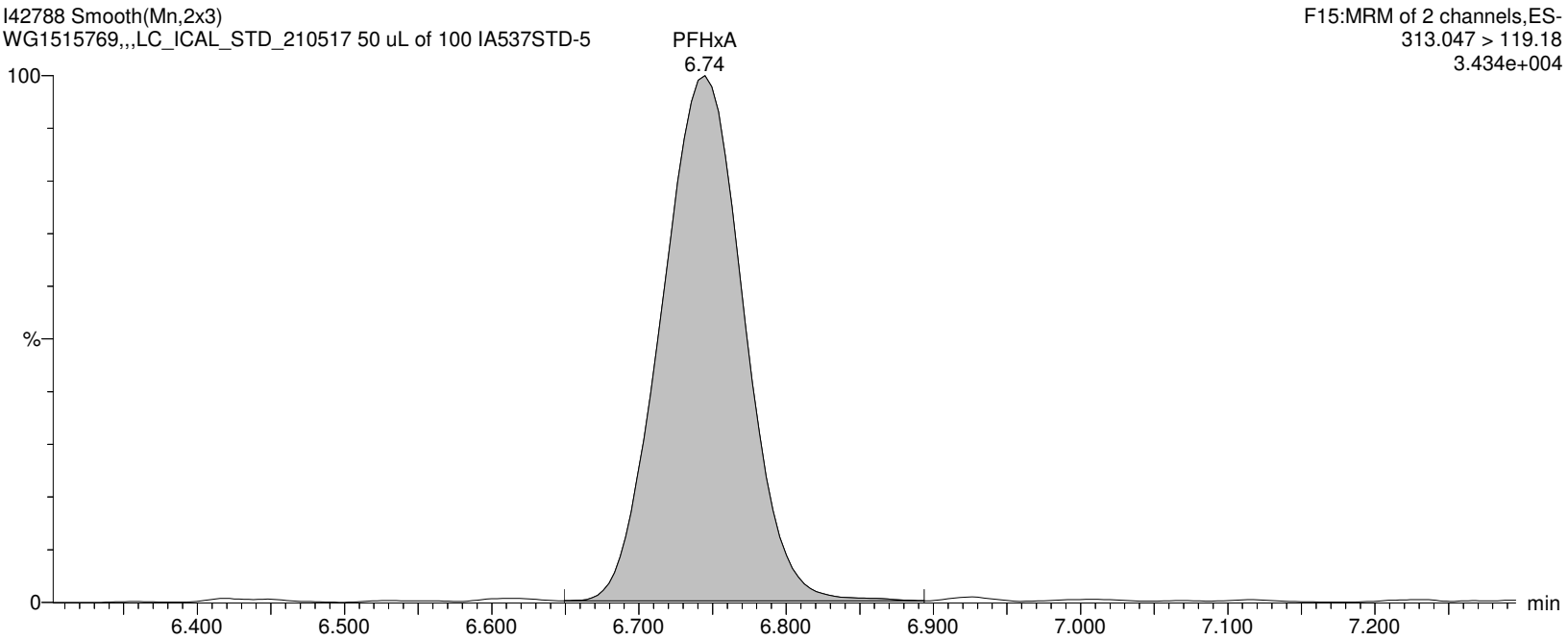
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxA



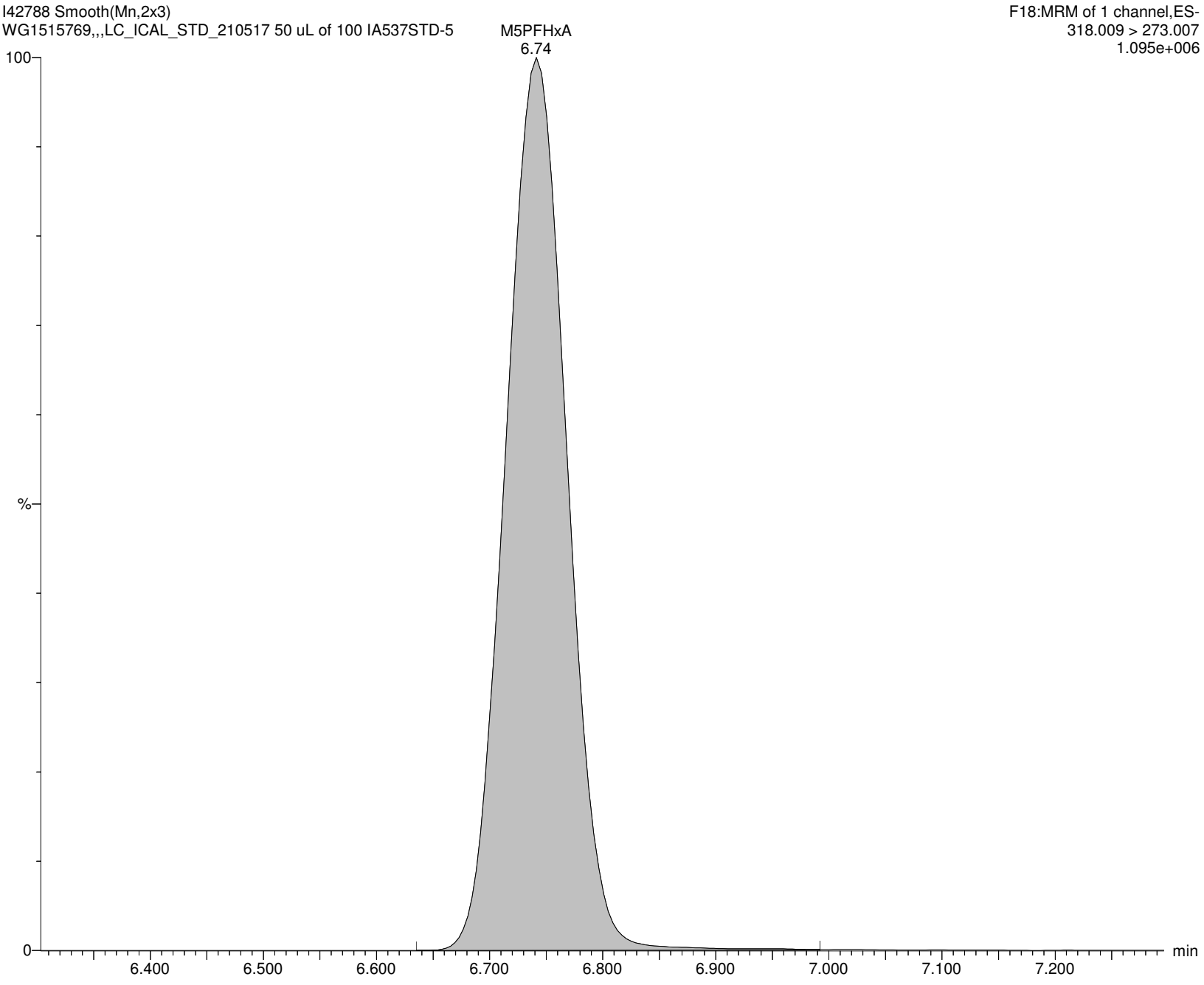


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFHxA

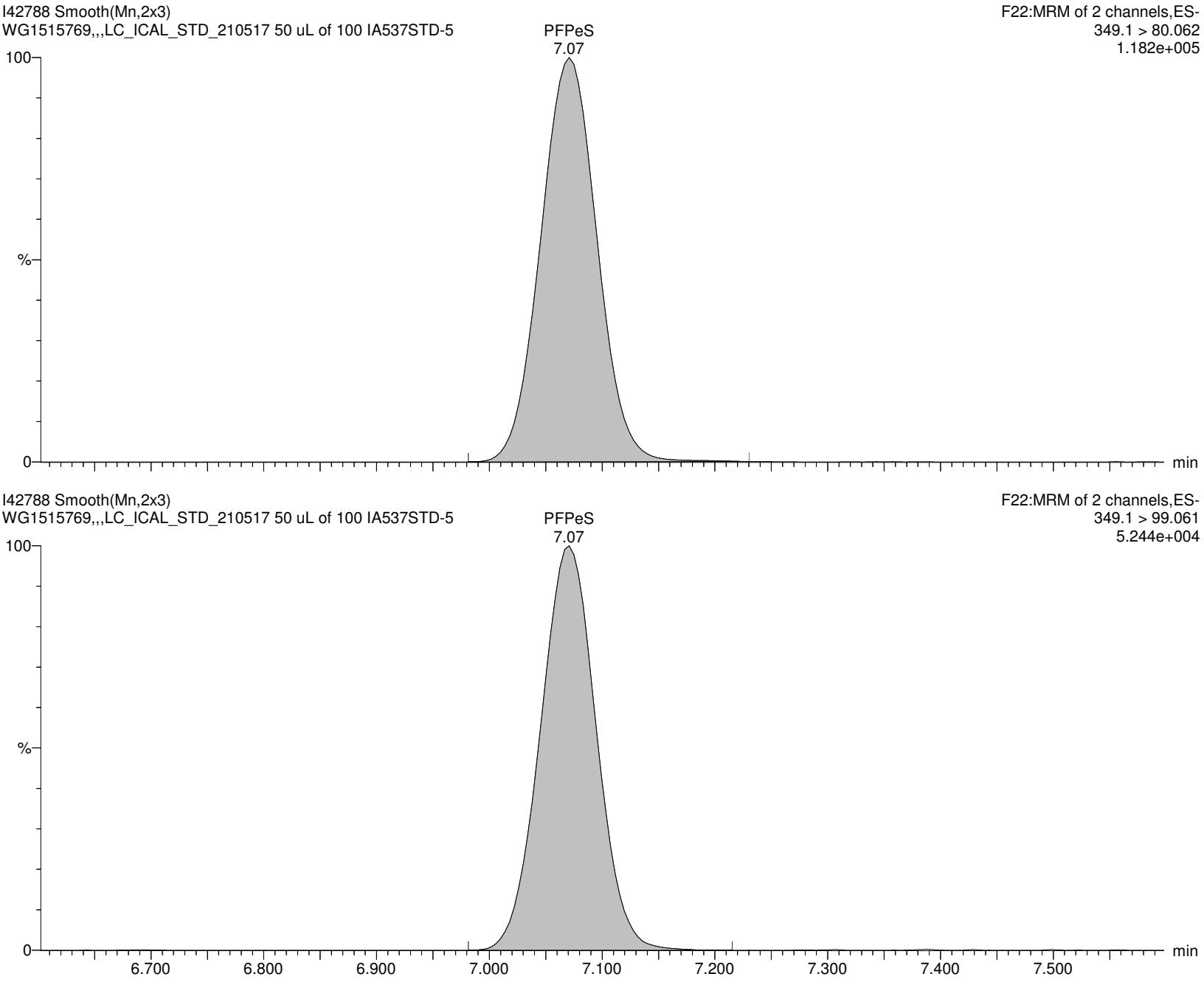


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeS

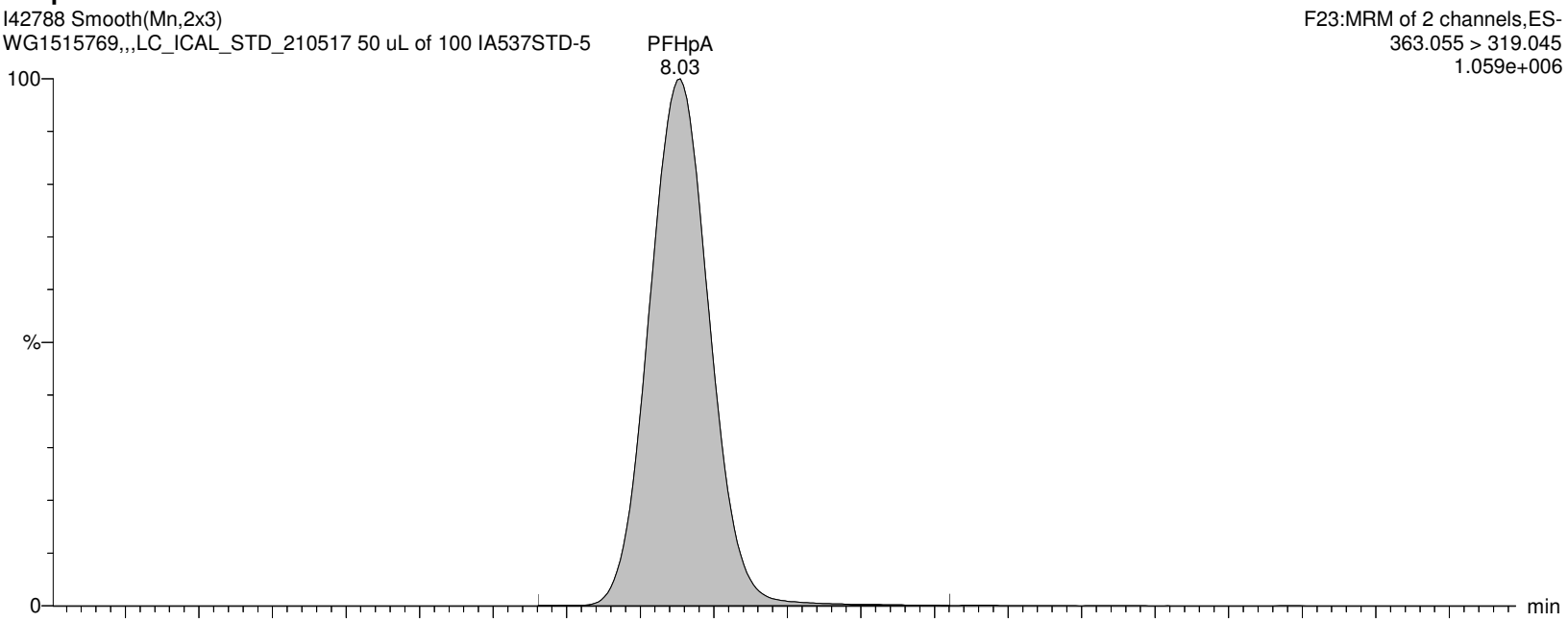


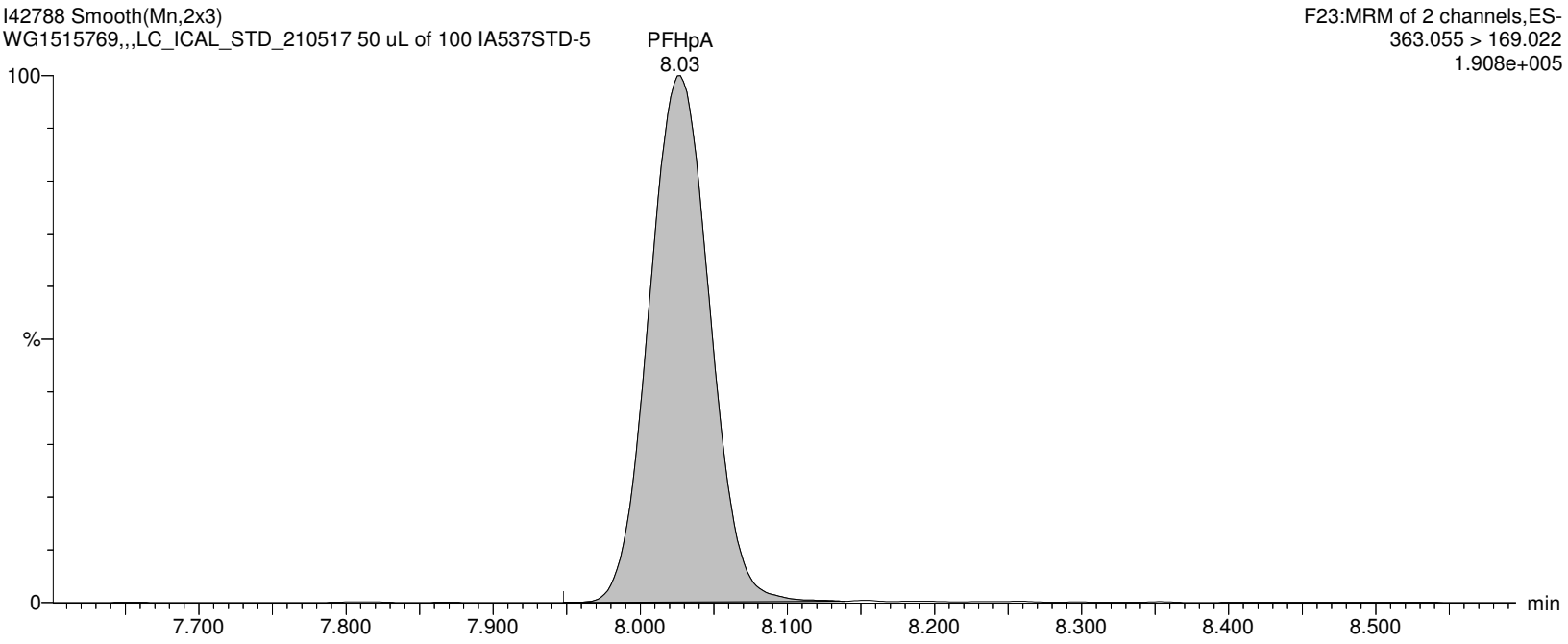
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpA



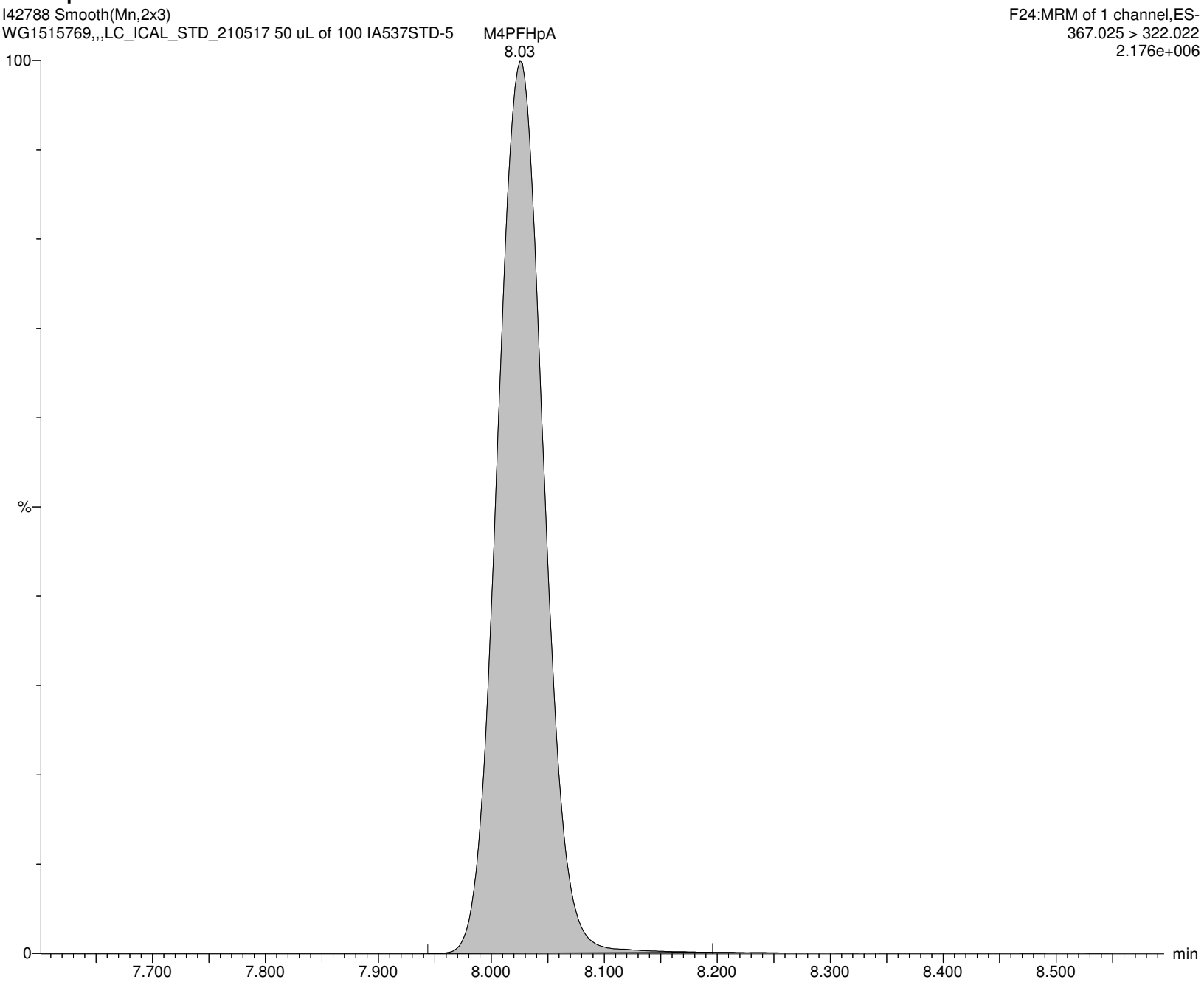


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFHpA

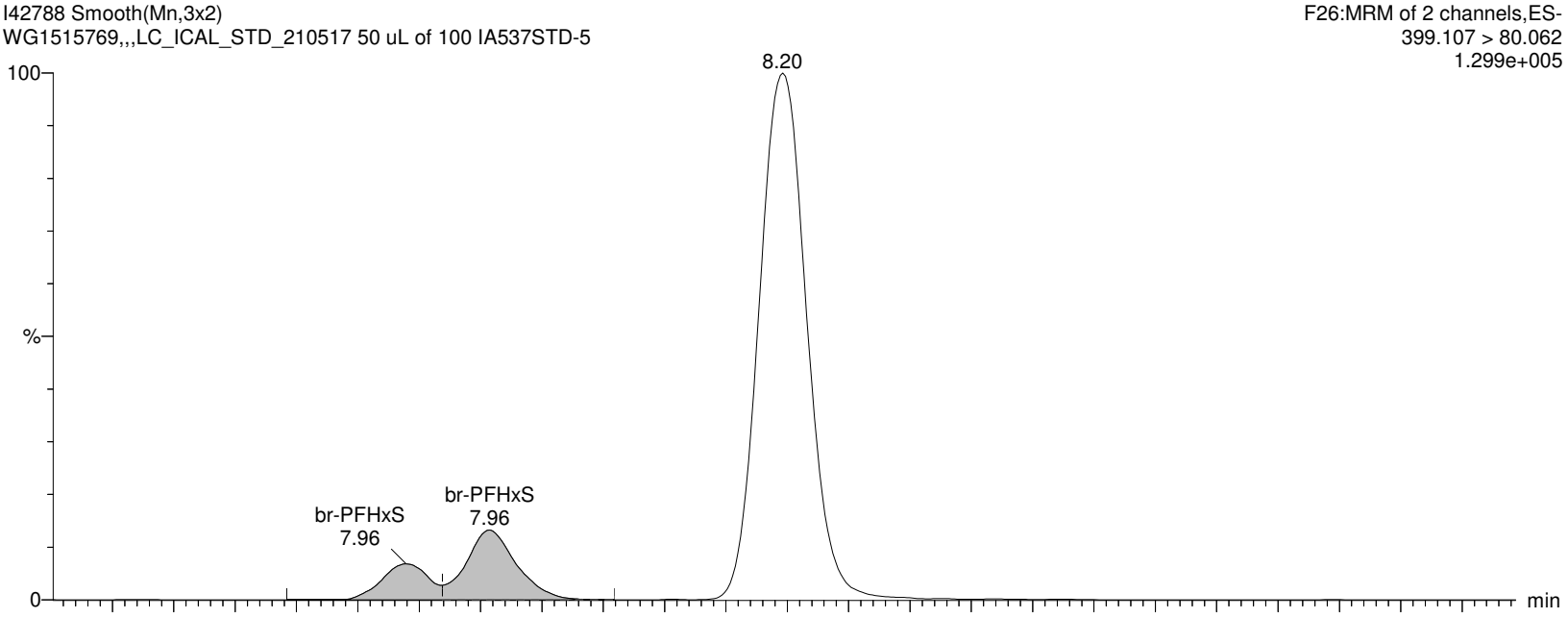


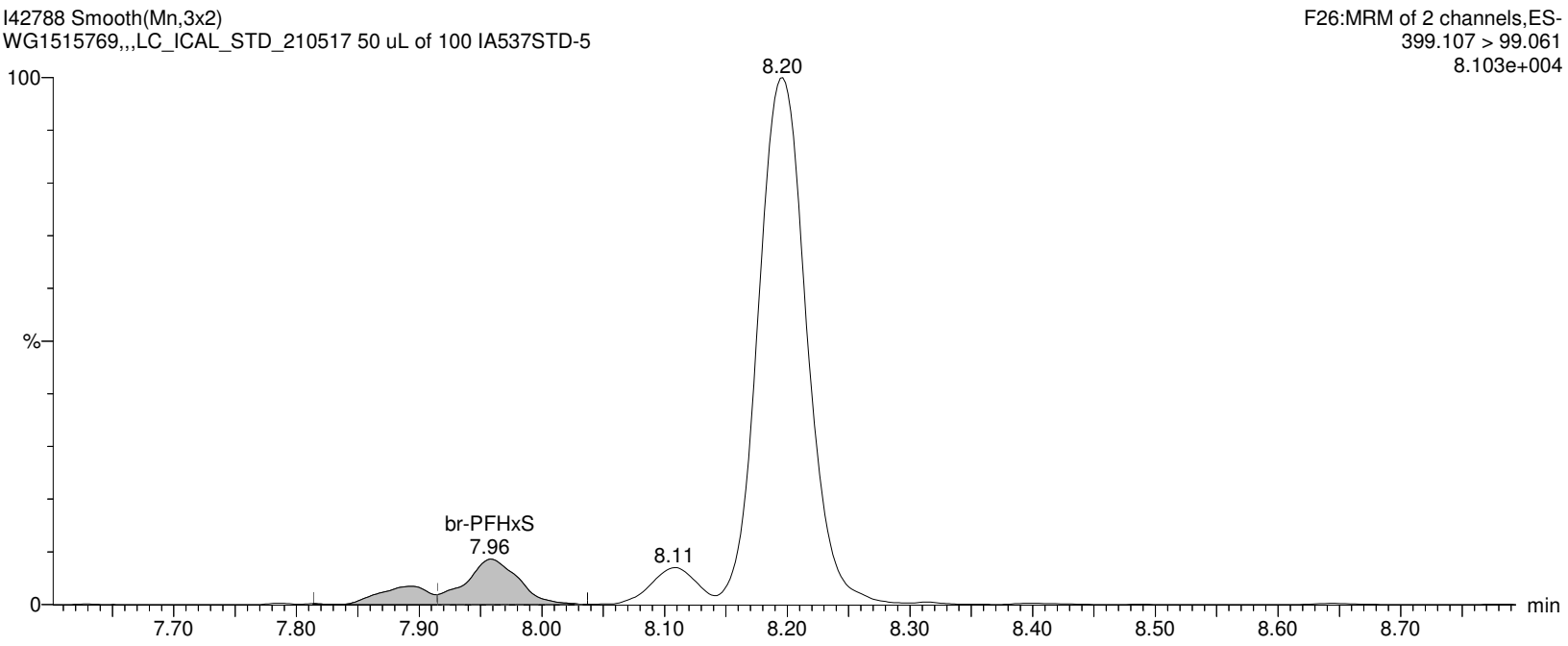
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFHxS



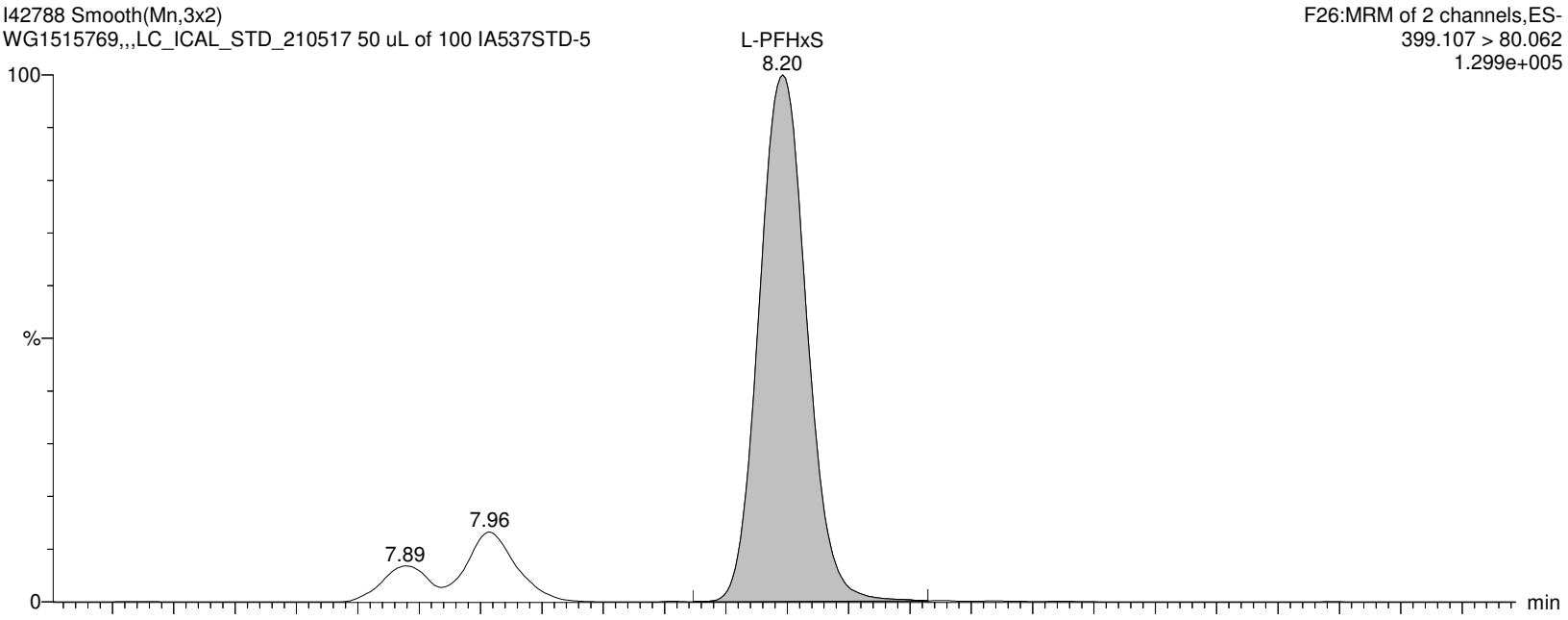


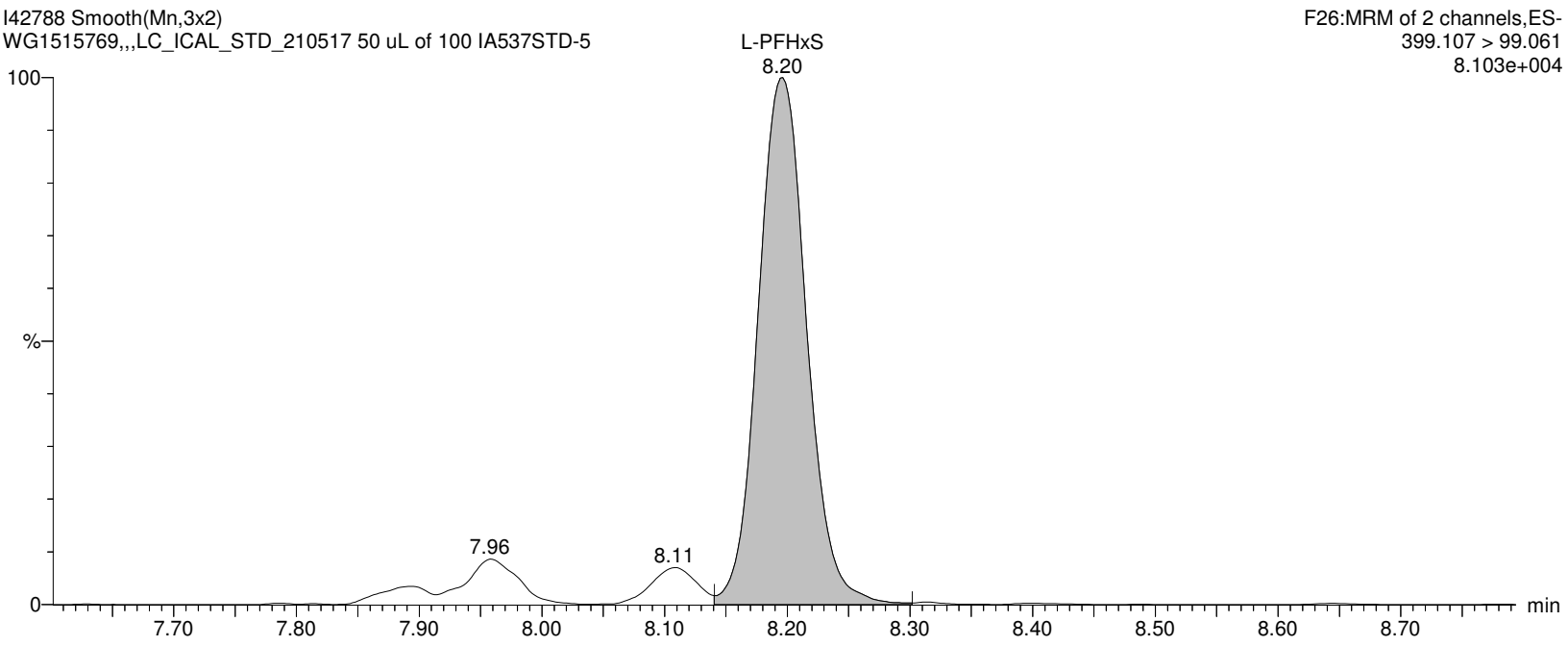
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFHxS



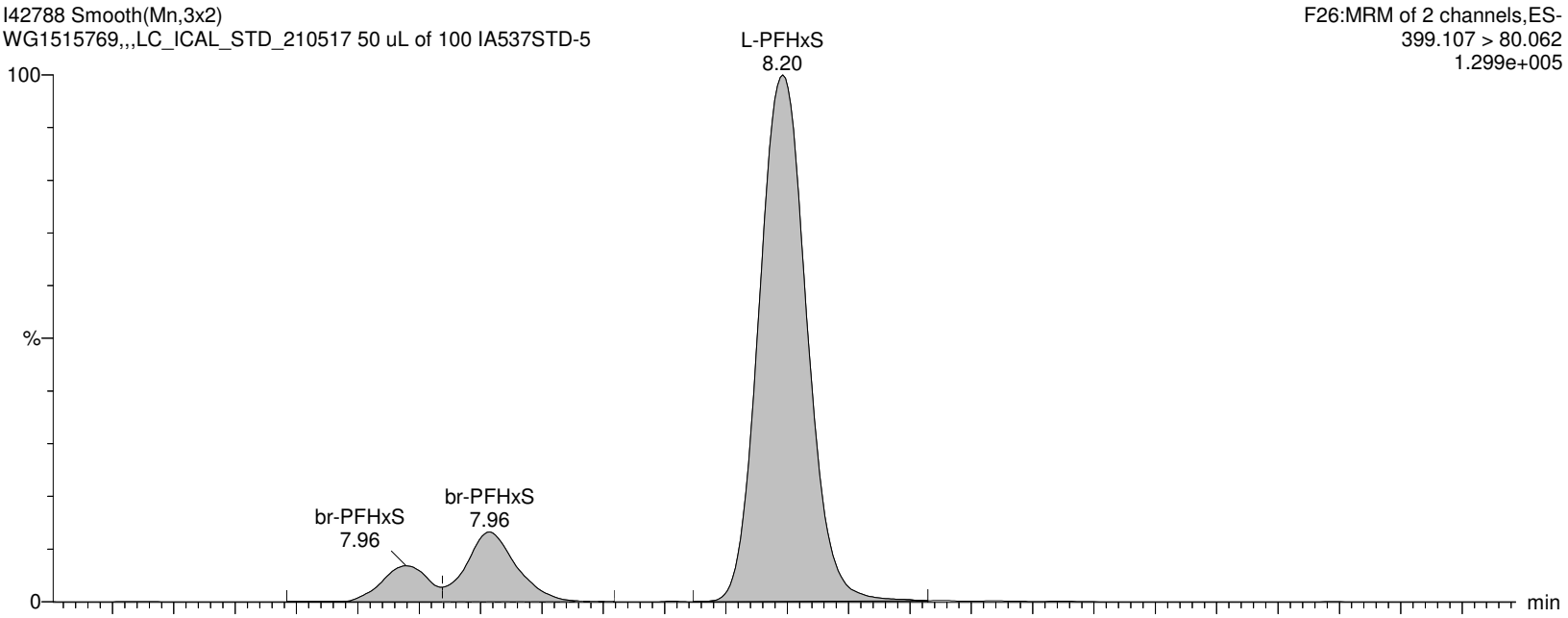


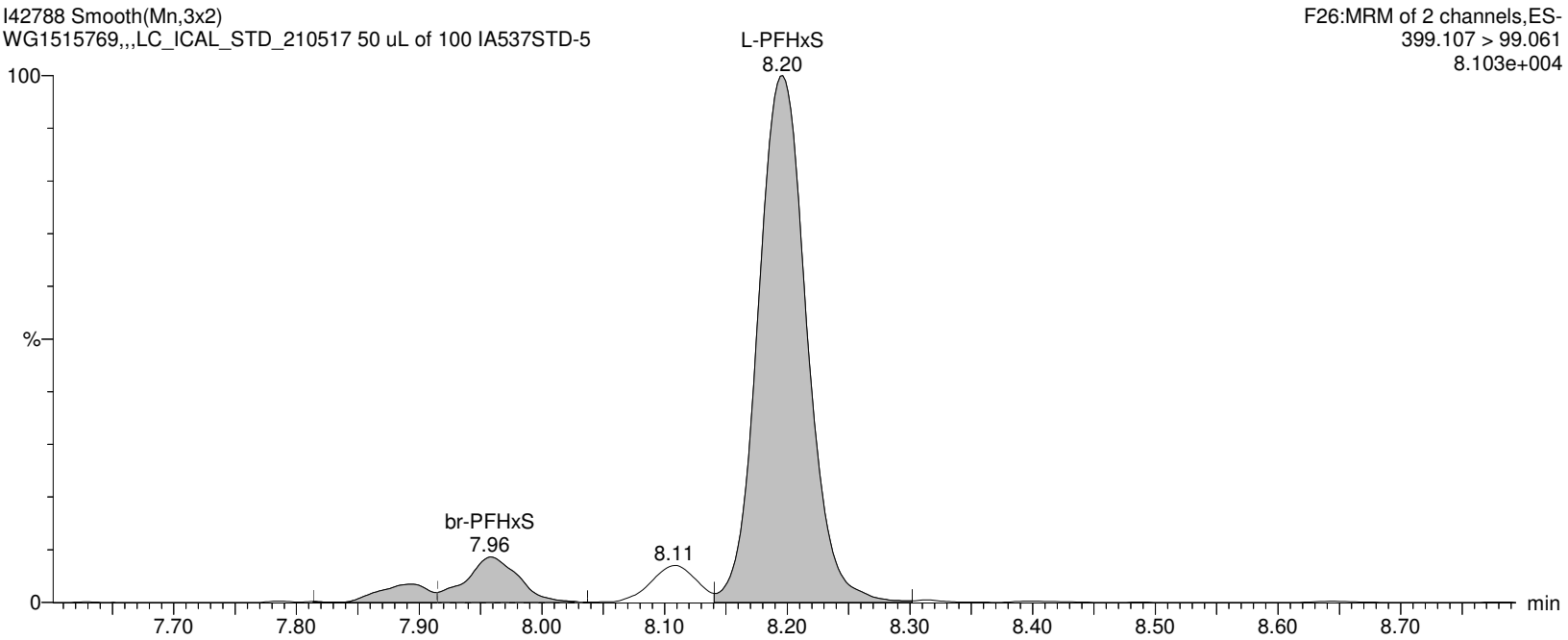
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxS



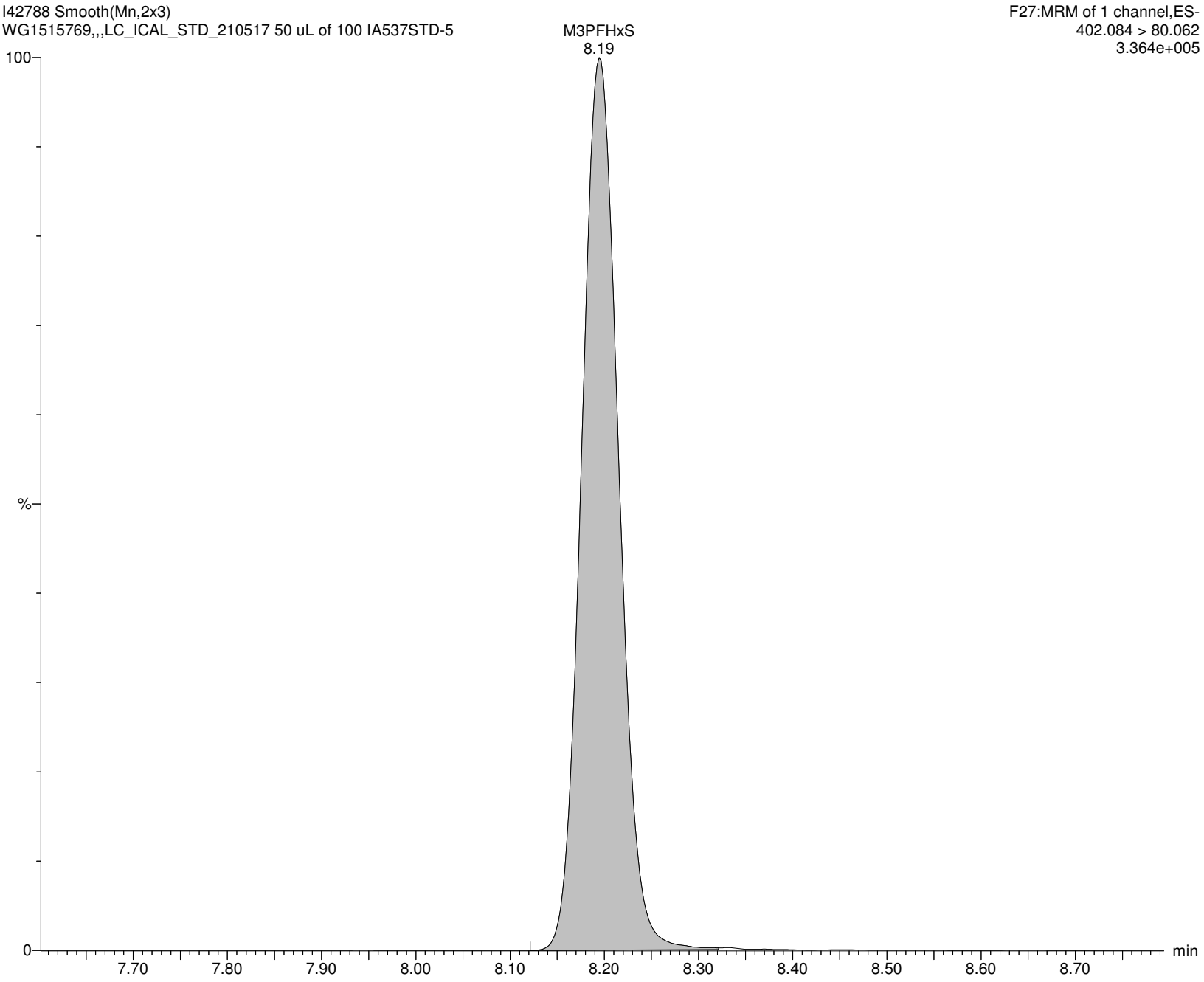


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFHxS

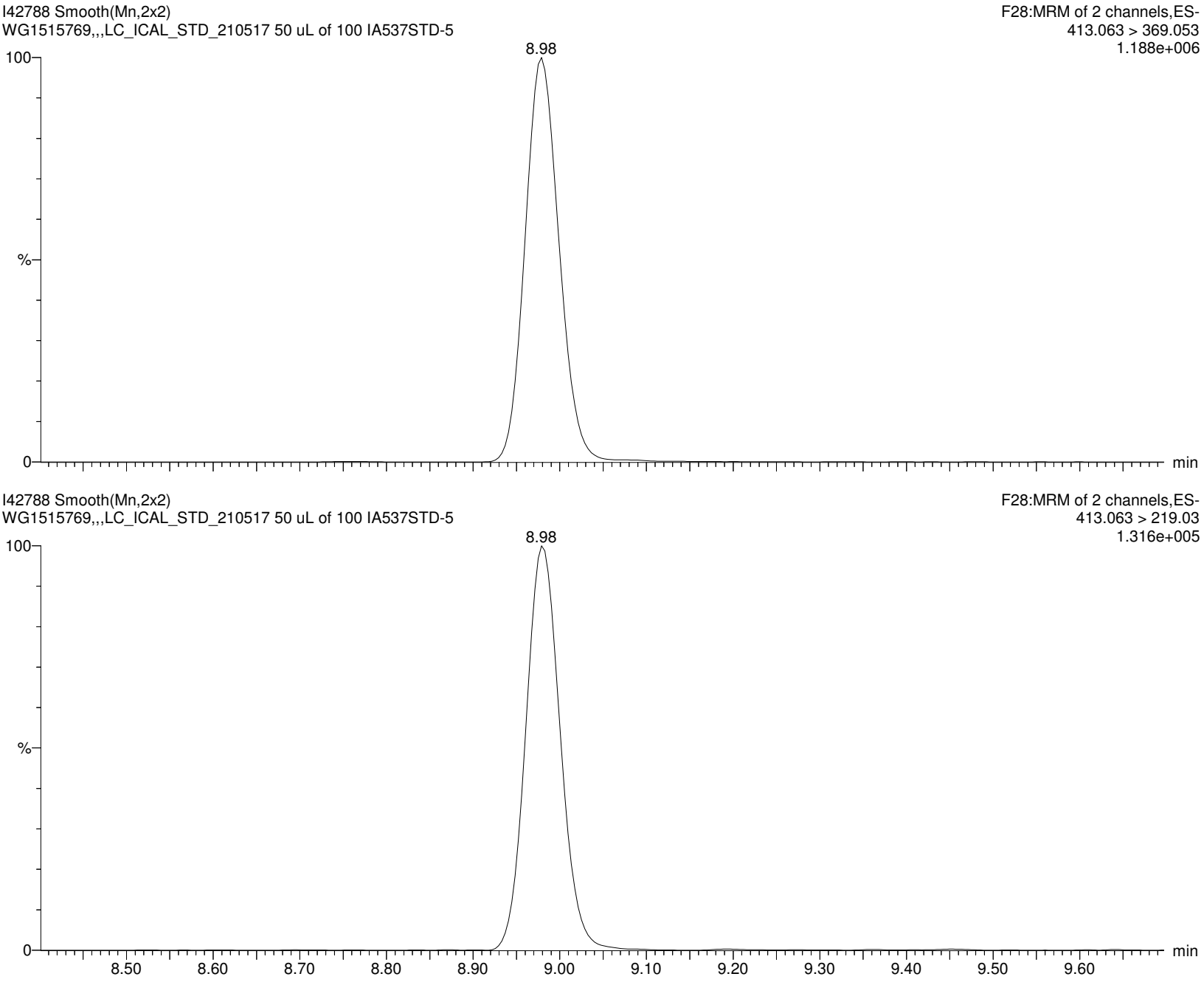


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOA

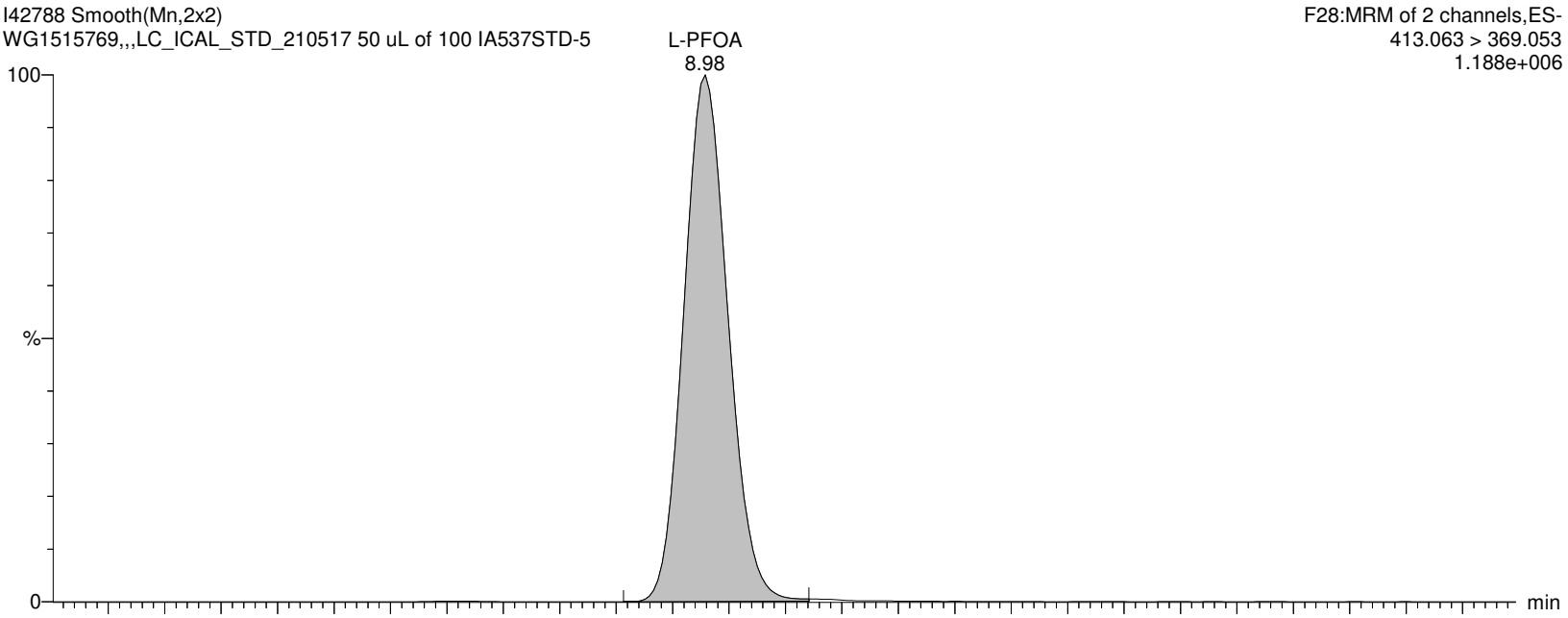


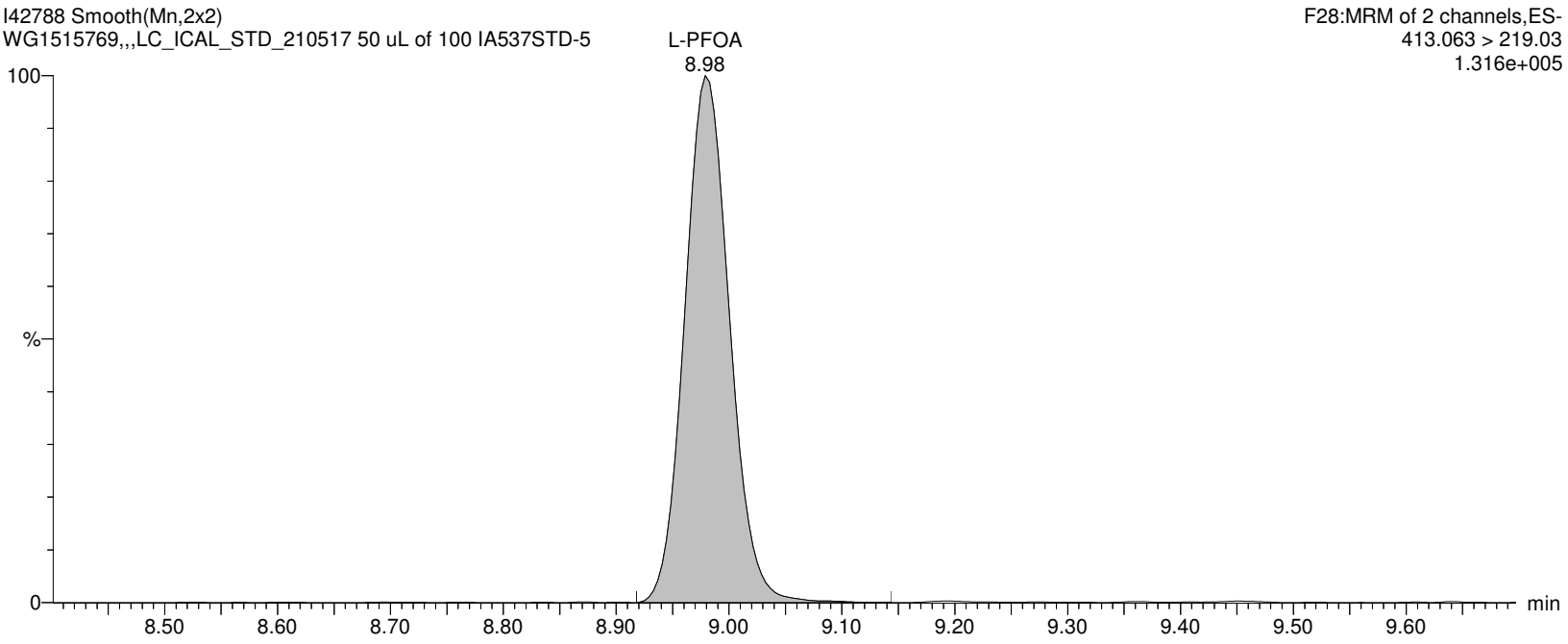
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOA



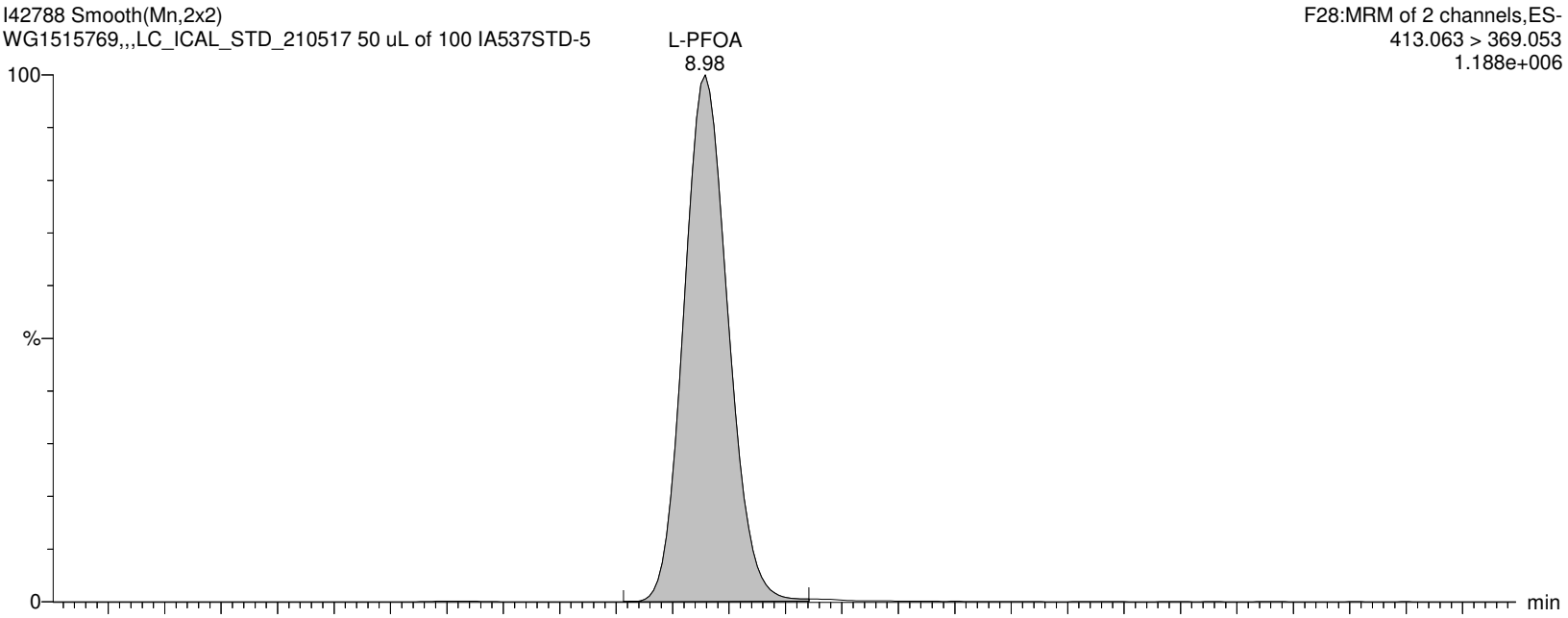


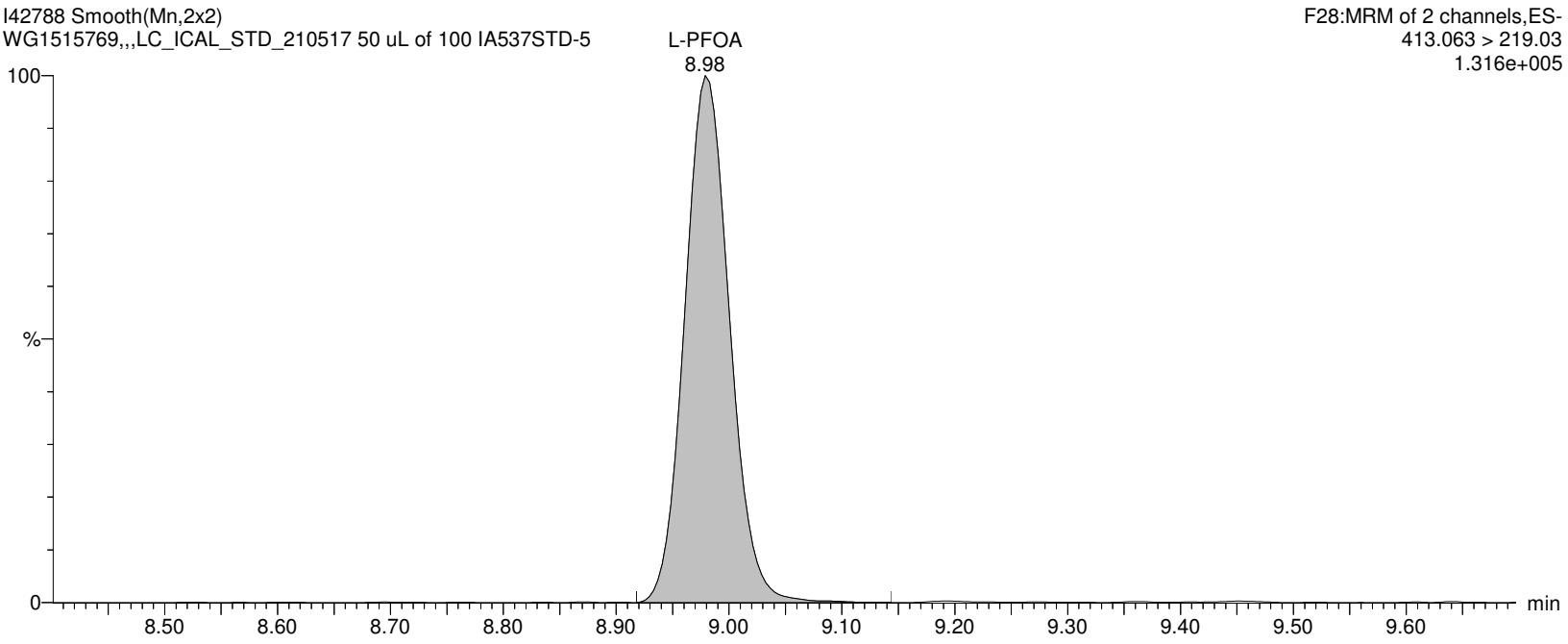
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOA



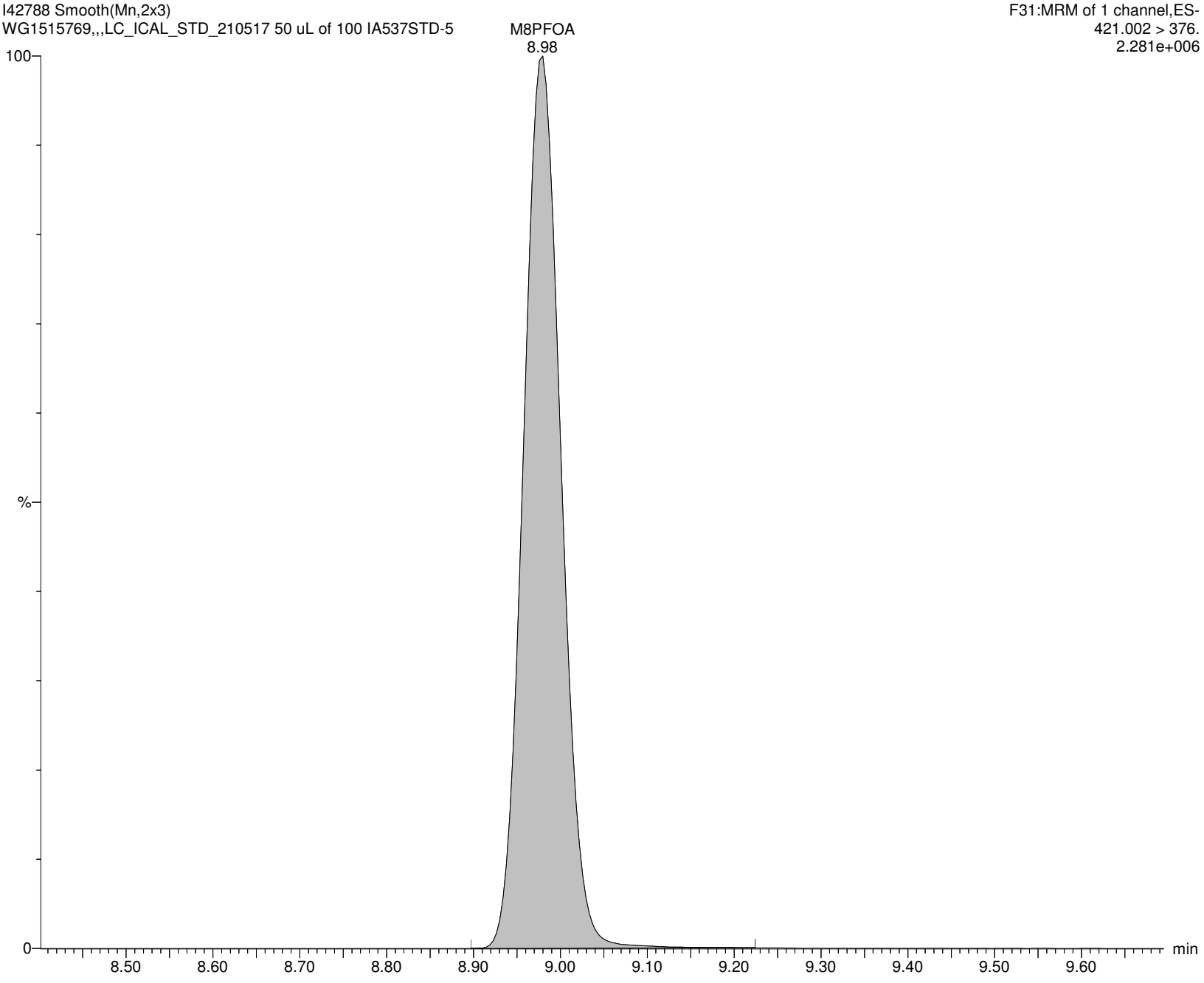


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOA

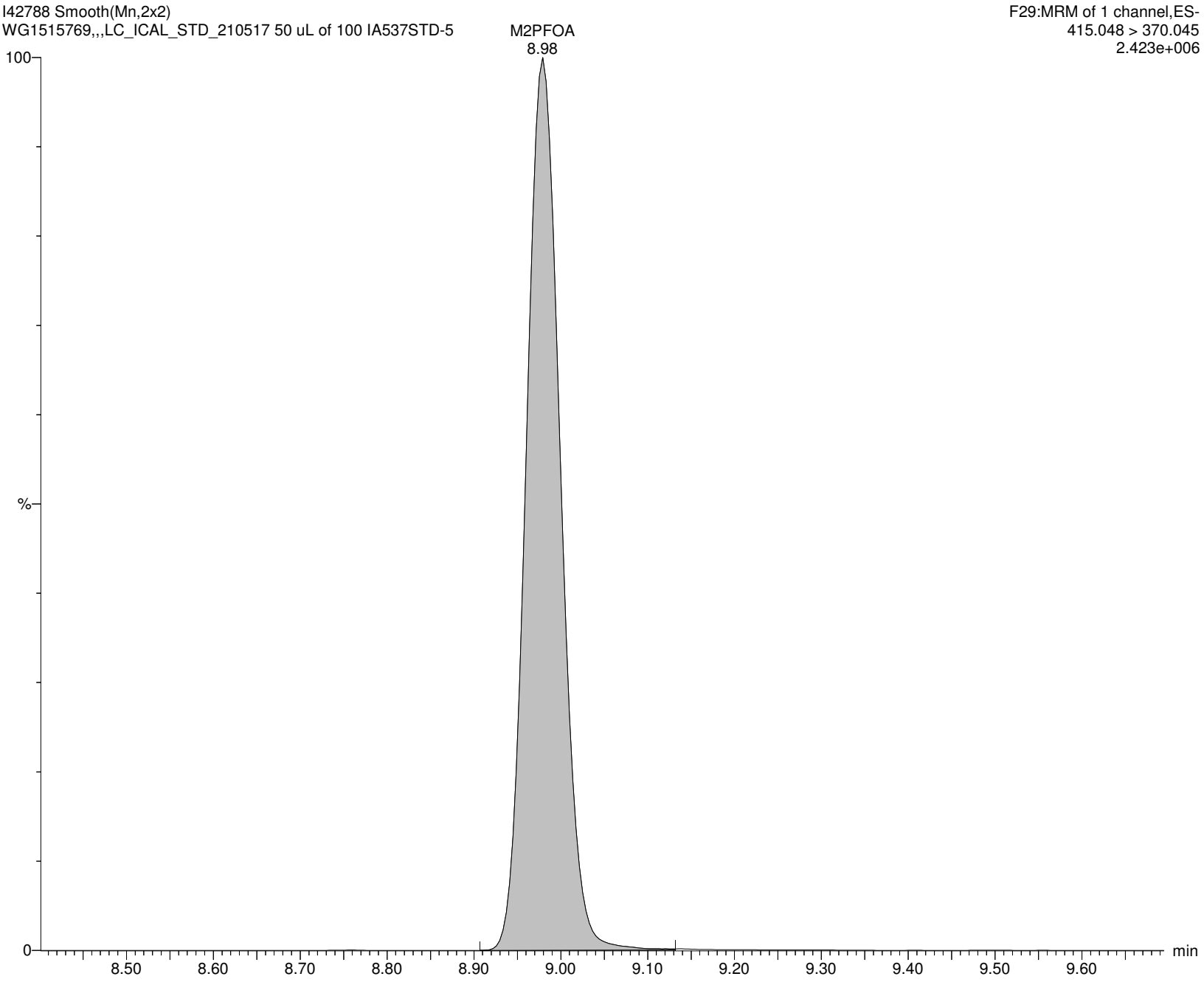


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFOA

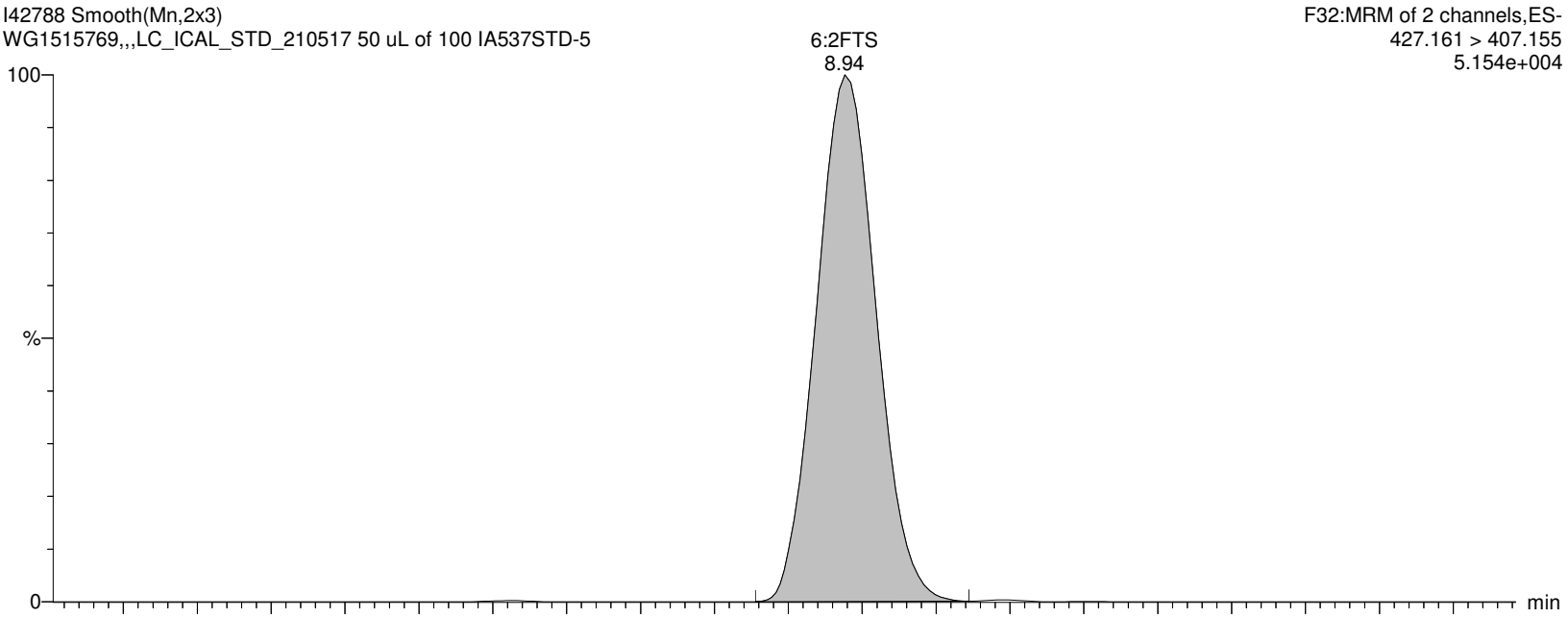


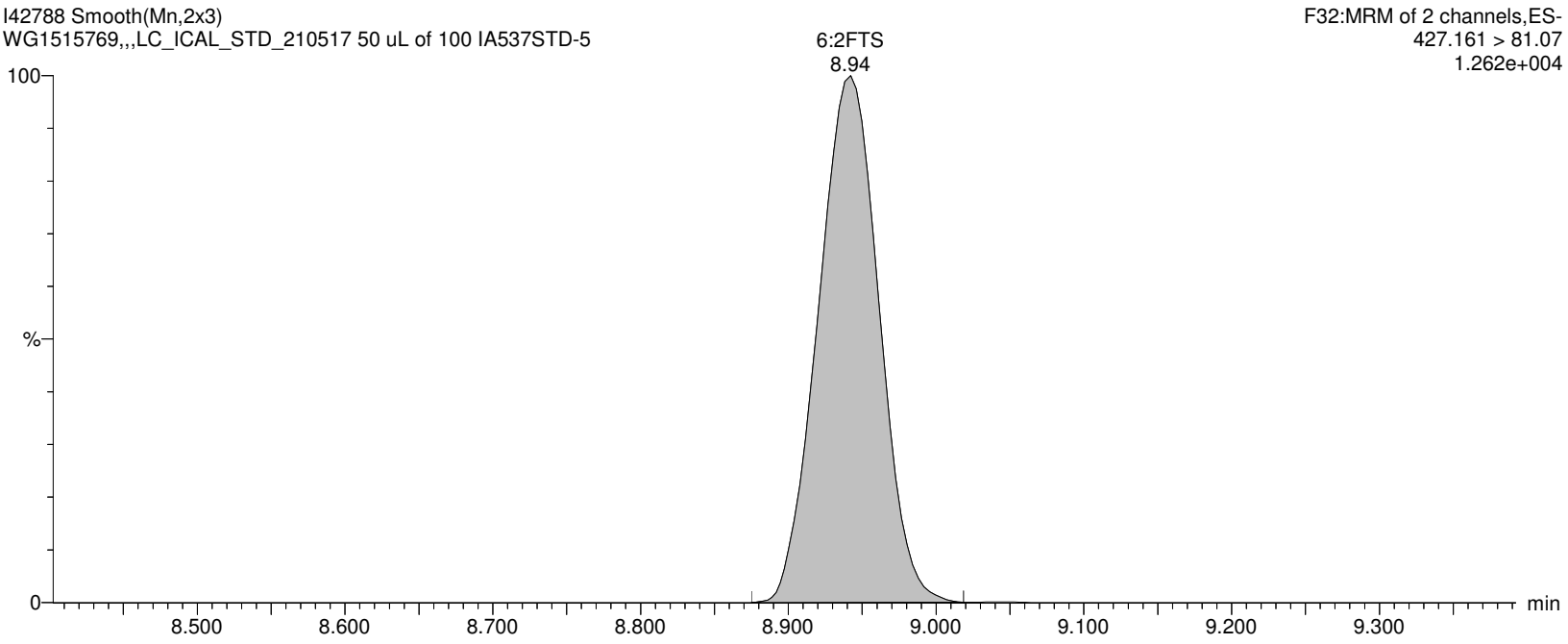
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

6:2FTS



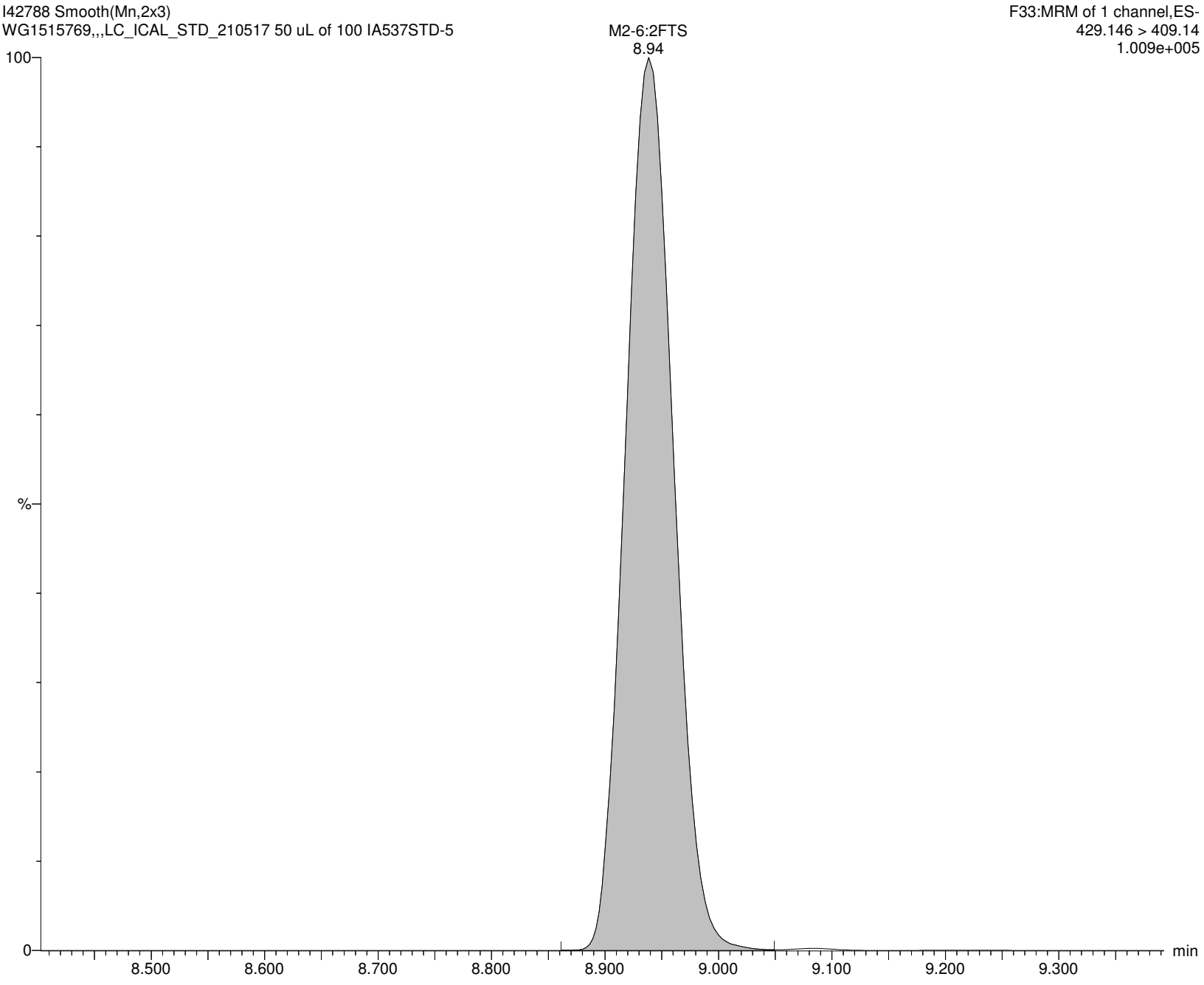


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-6:2FTS

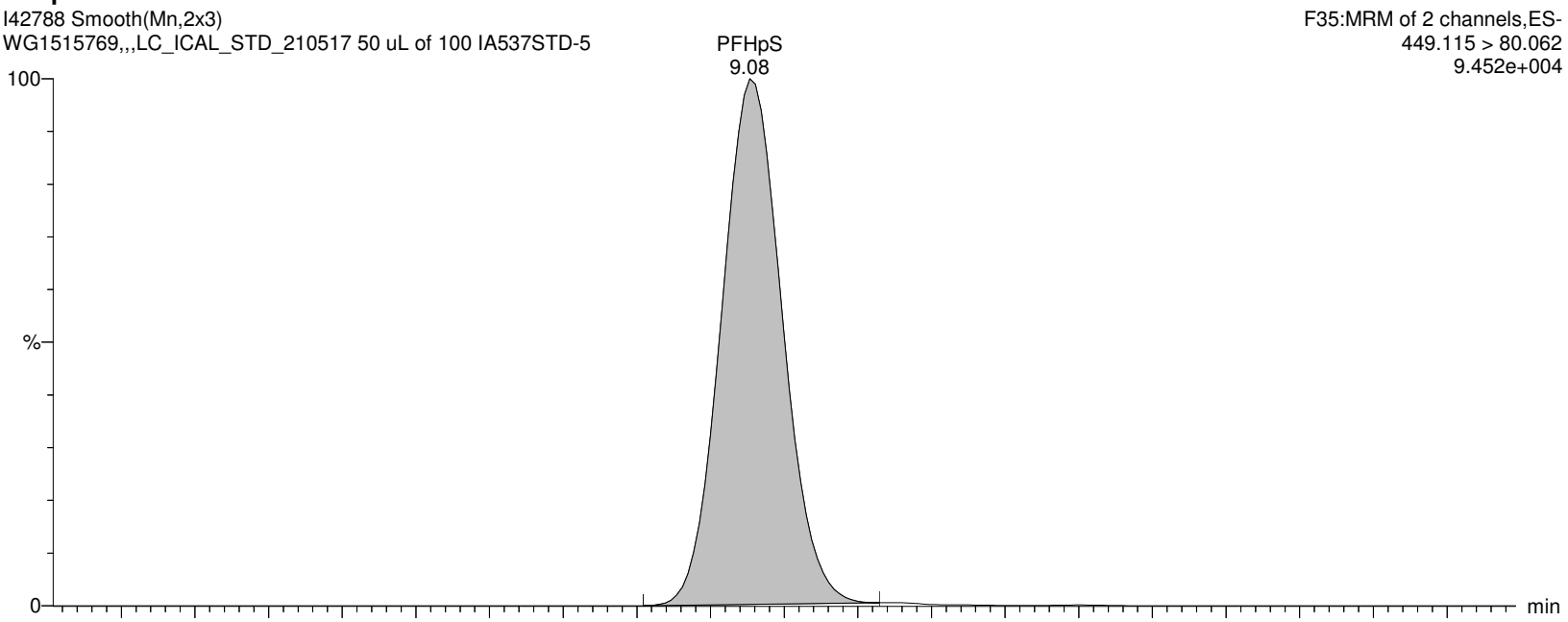


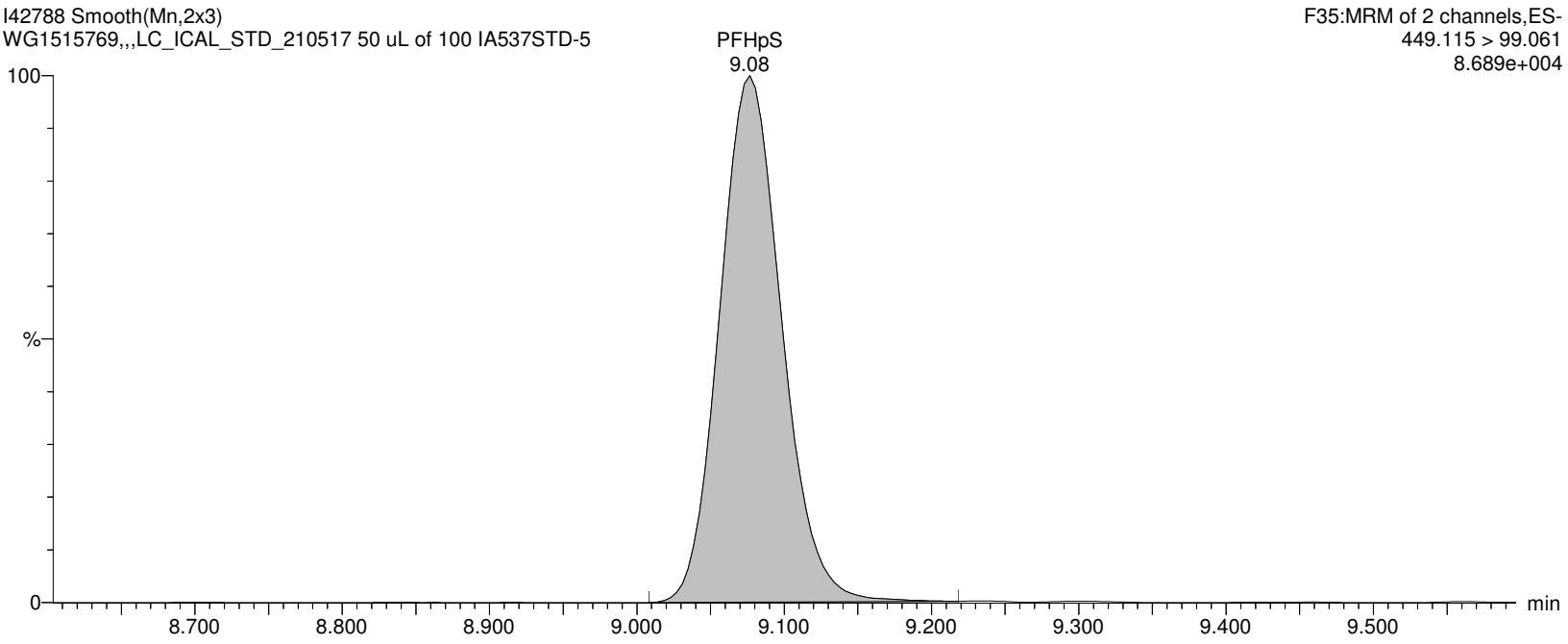
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpS



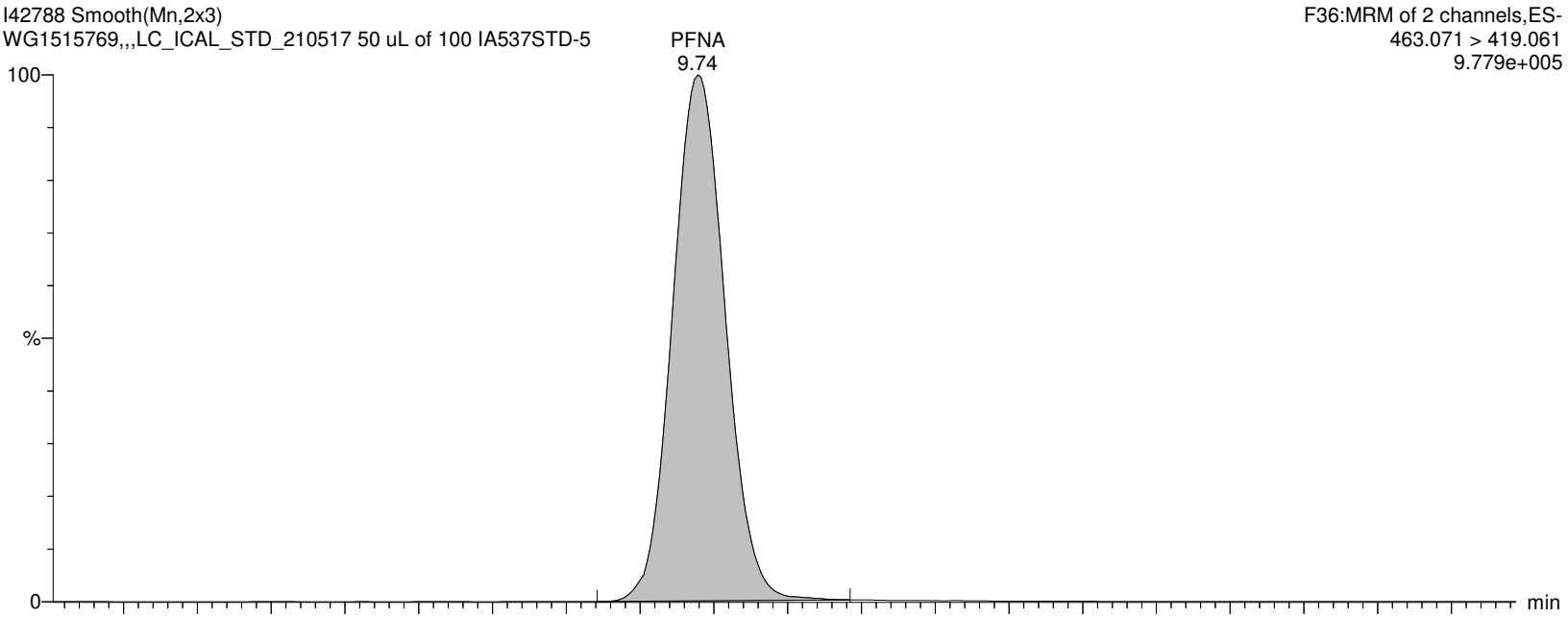


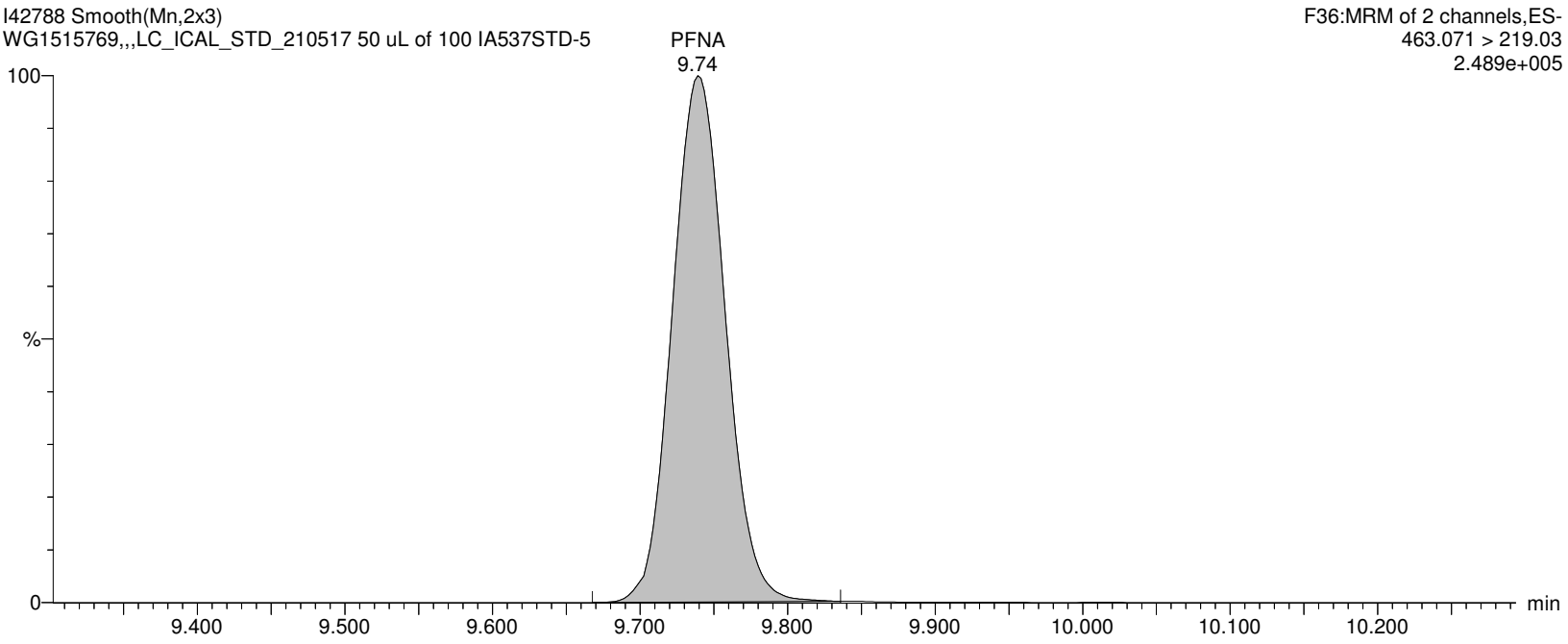
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNA



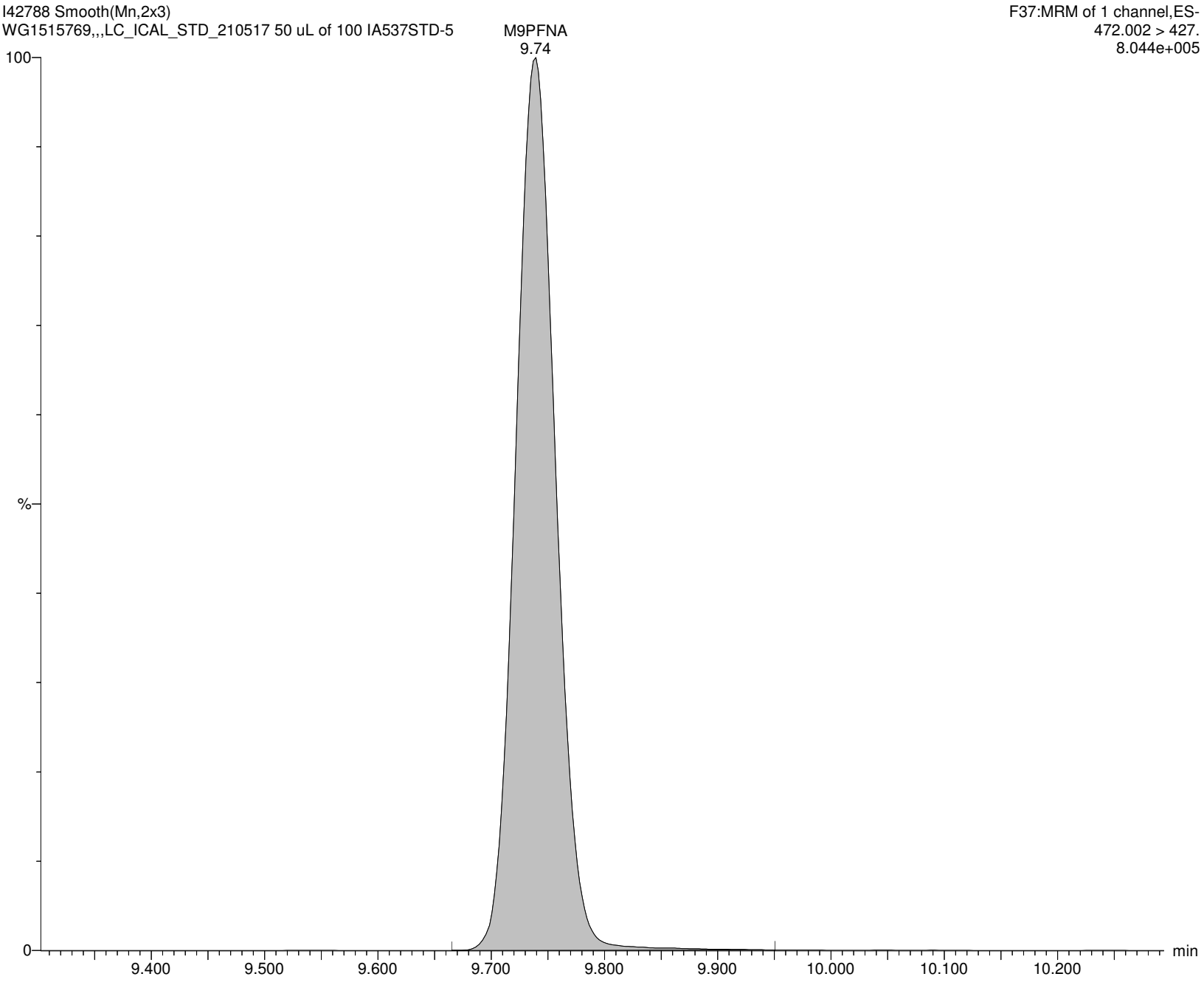


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M9PFNA

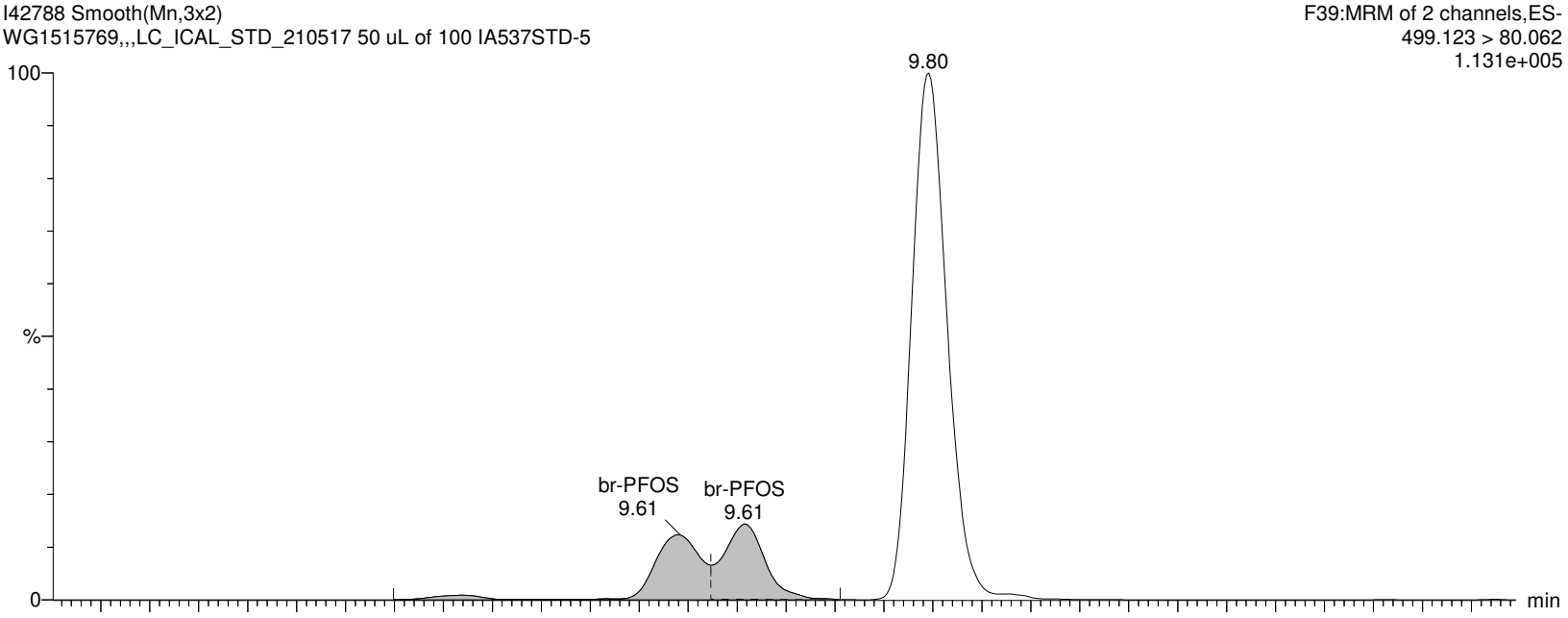


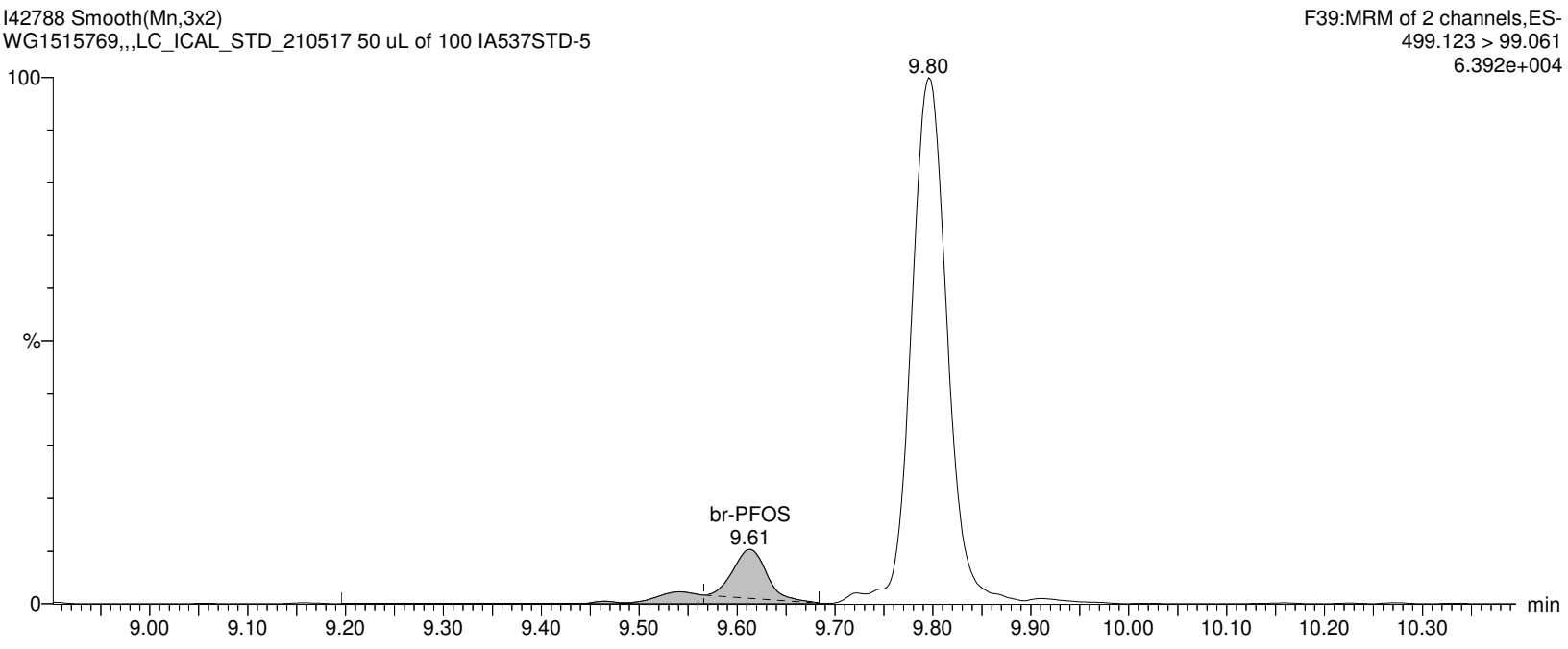
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOS



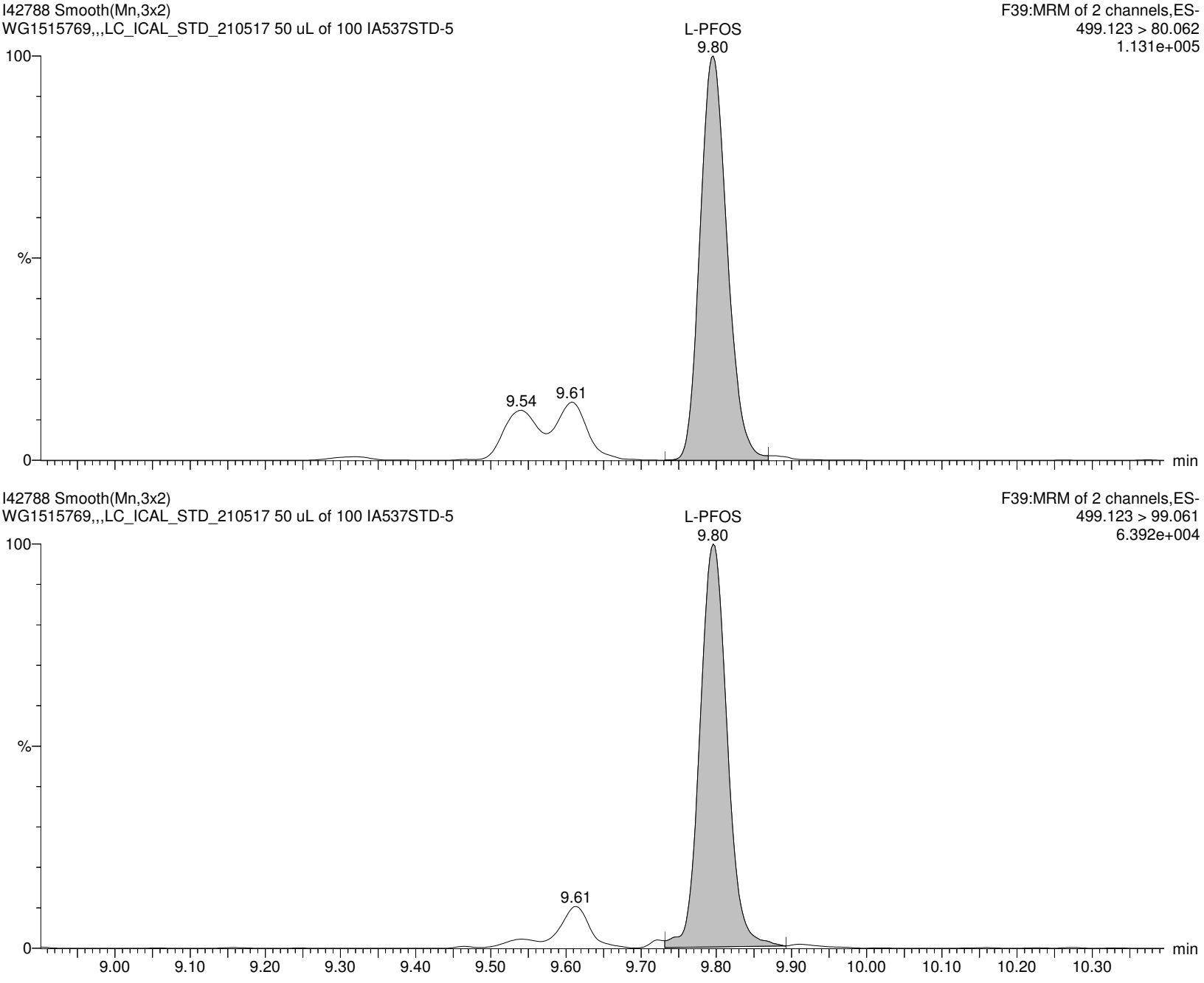


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOS

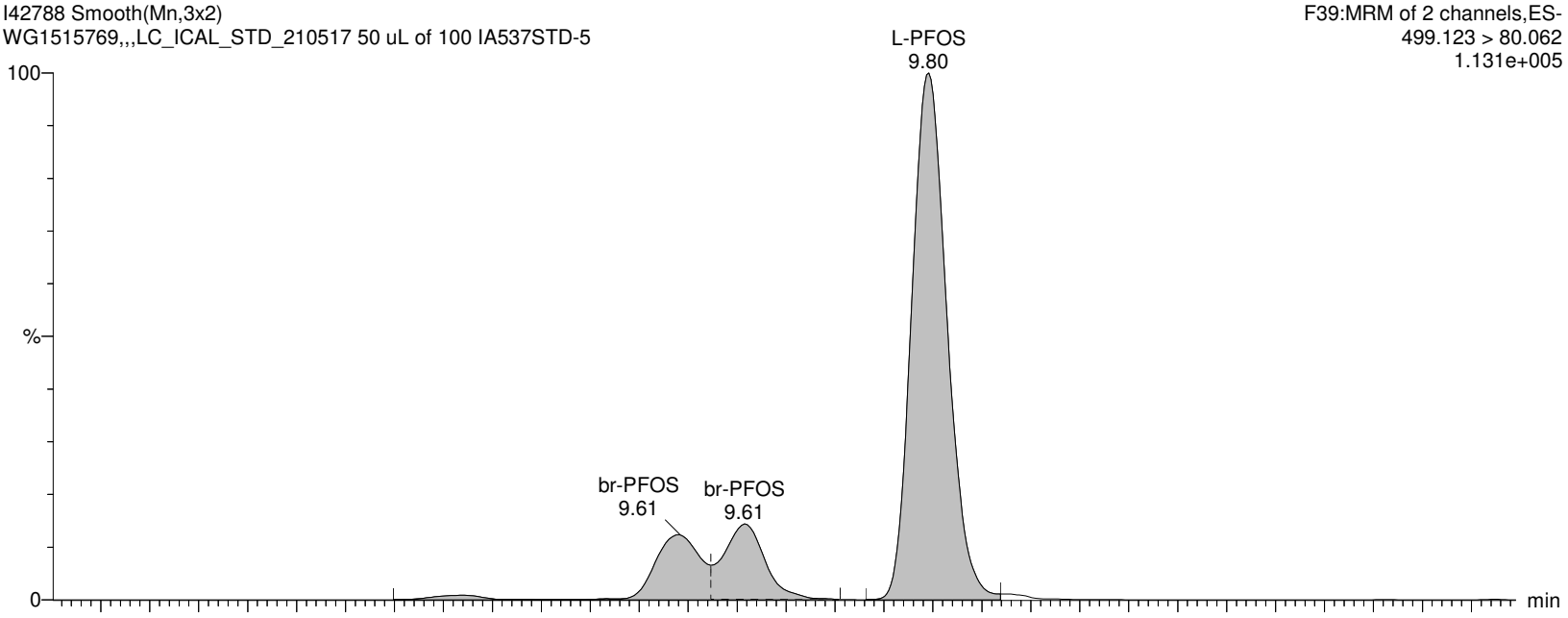


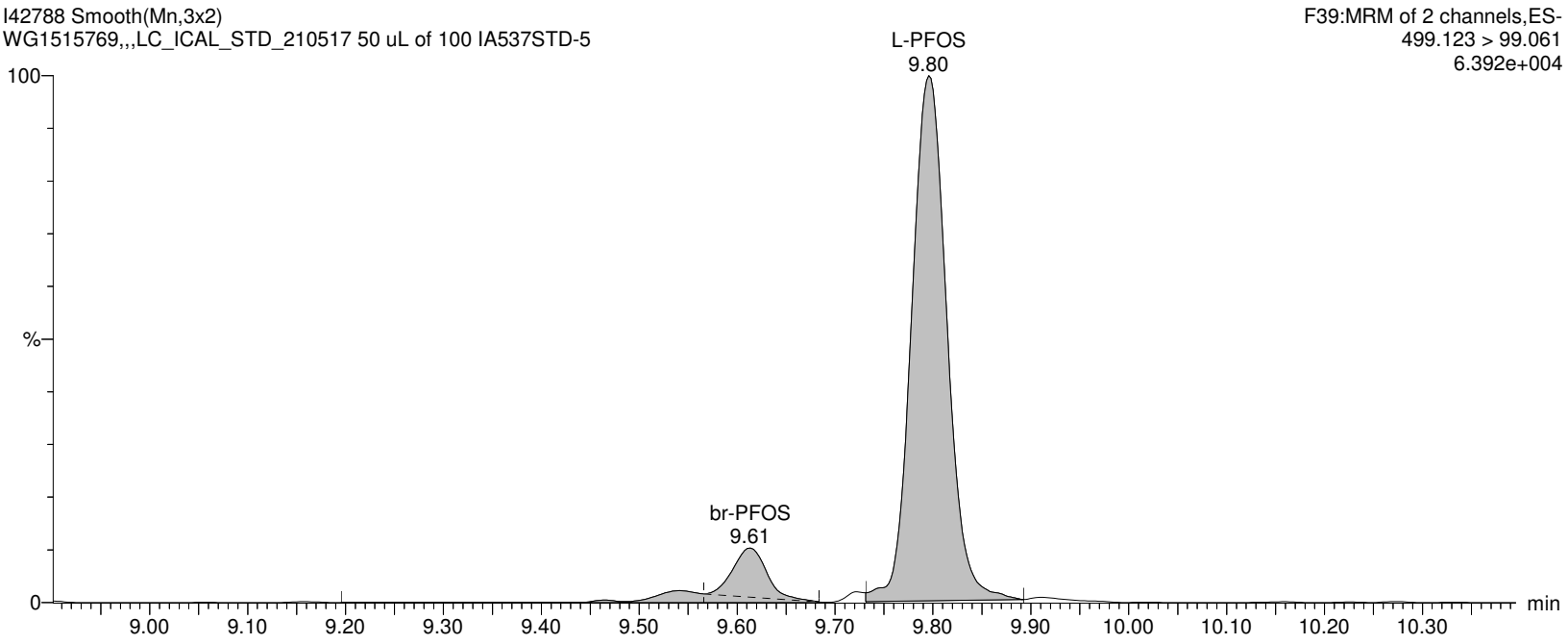
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOS



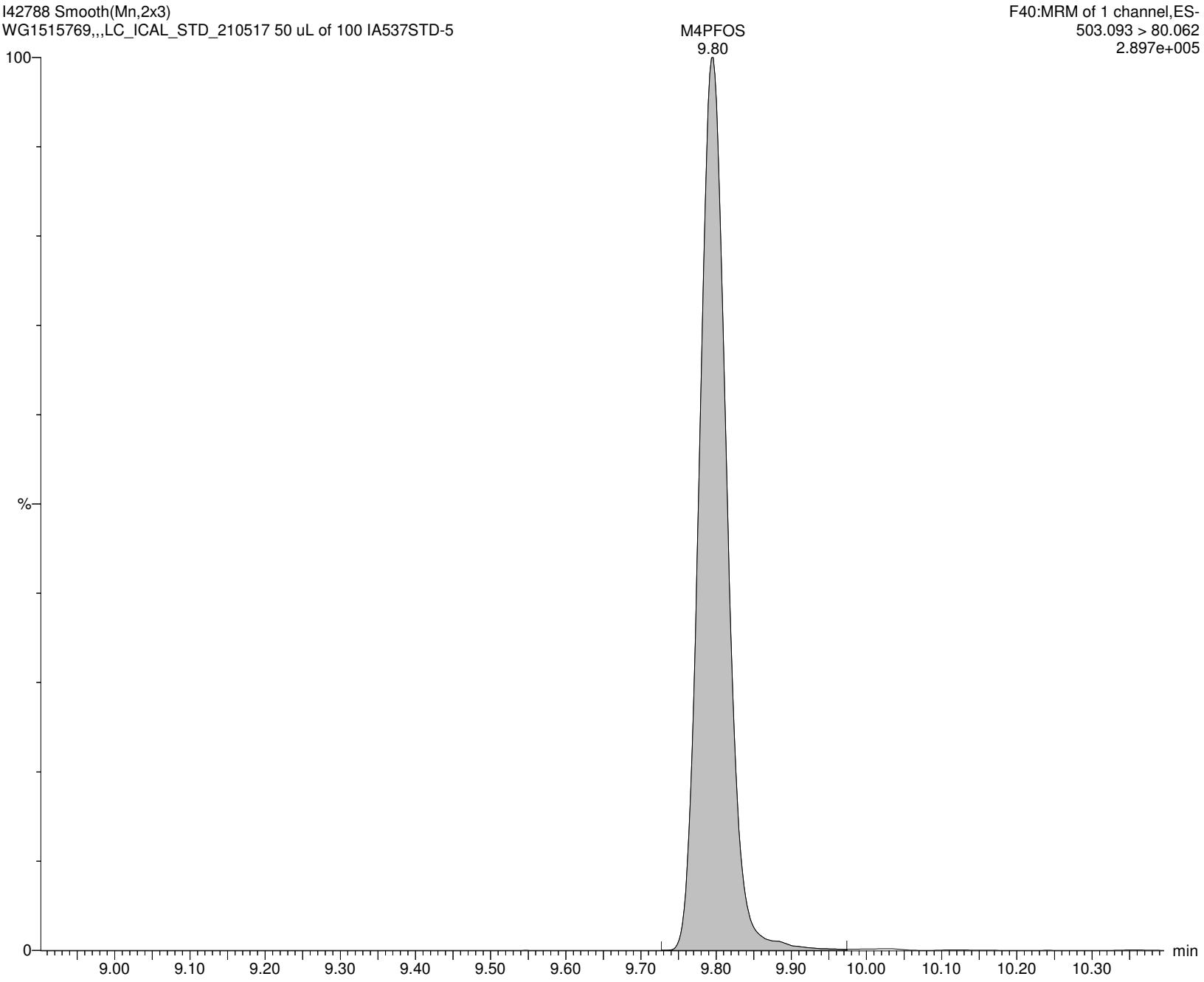


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOS

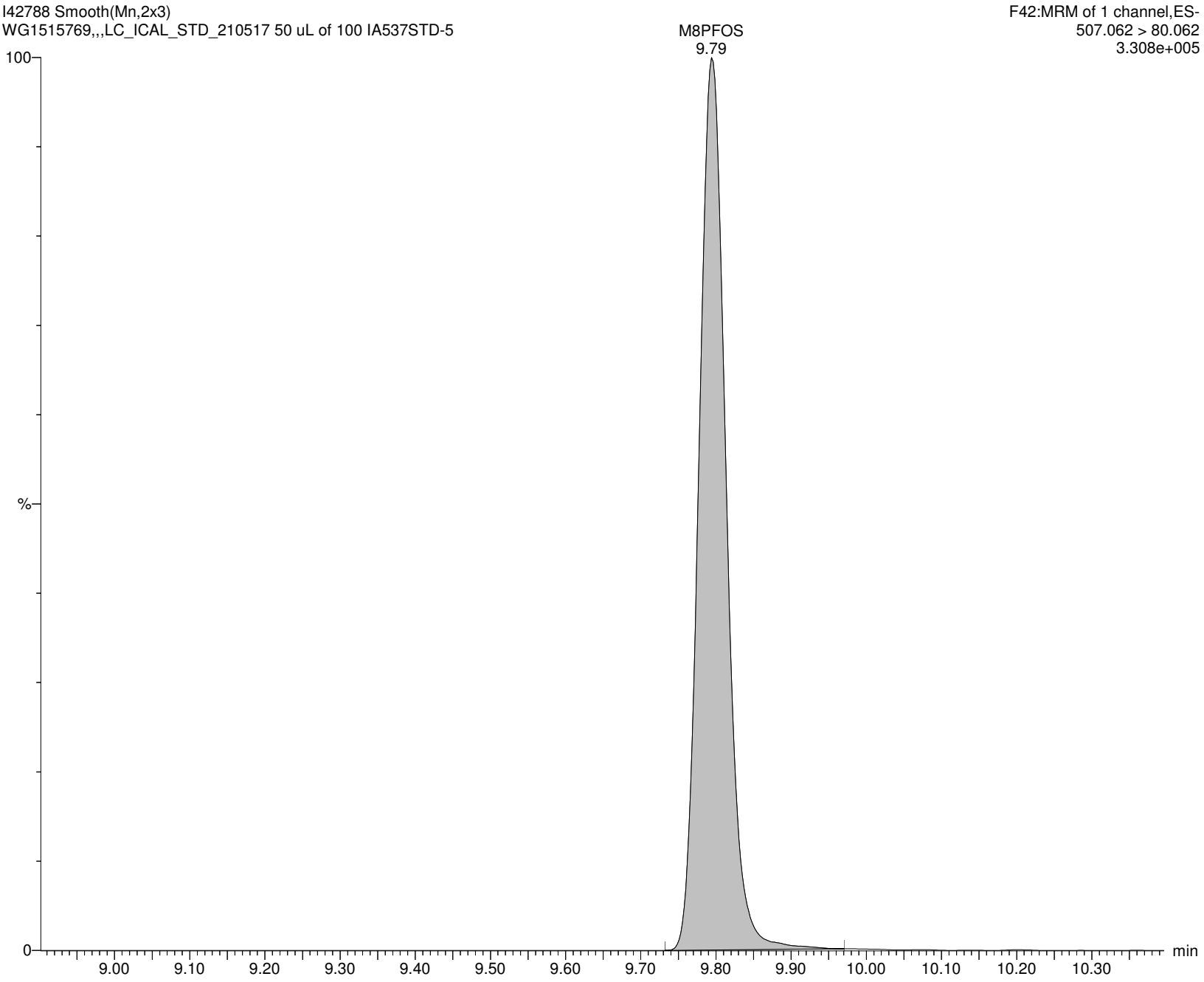


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOS

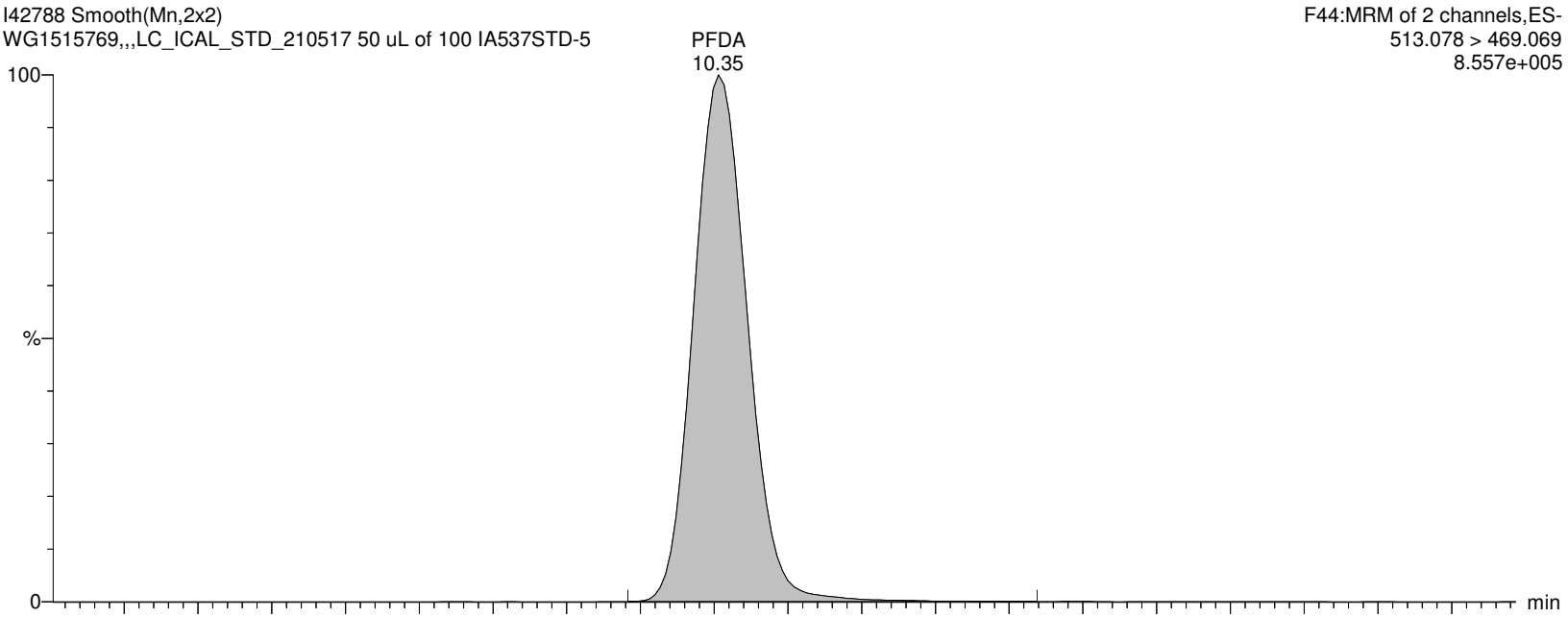


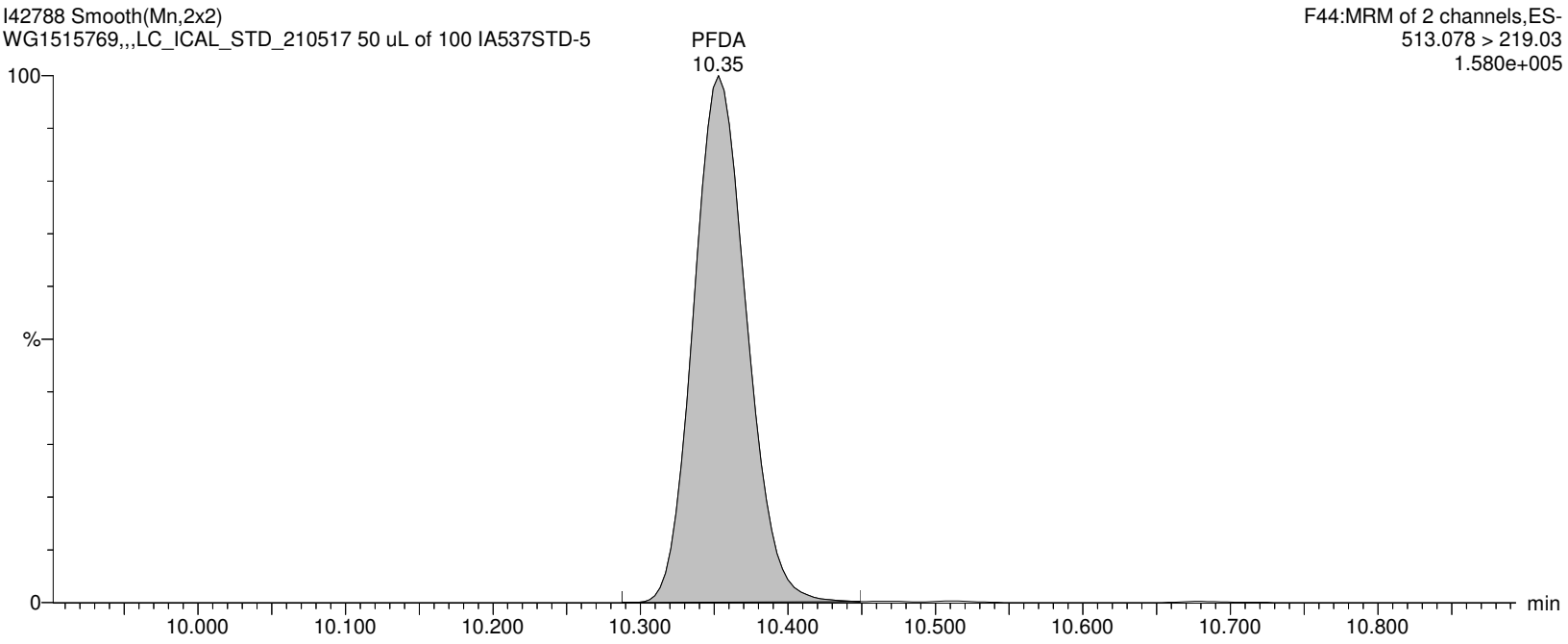
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDA



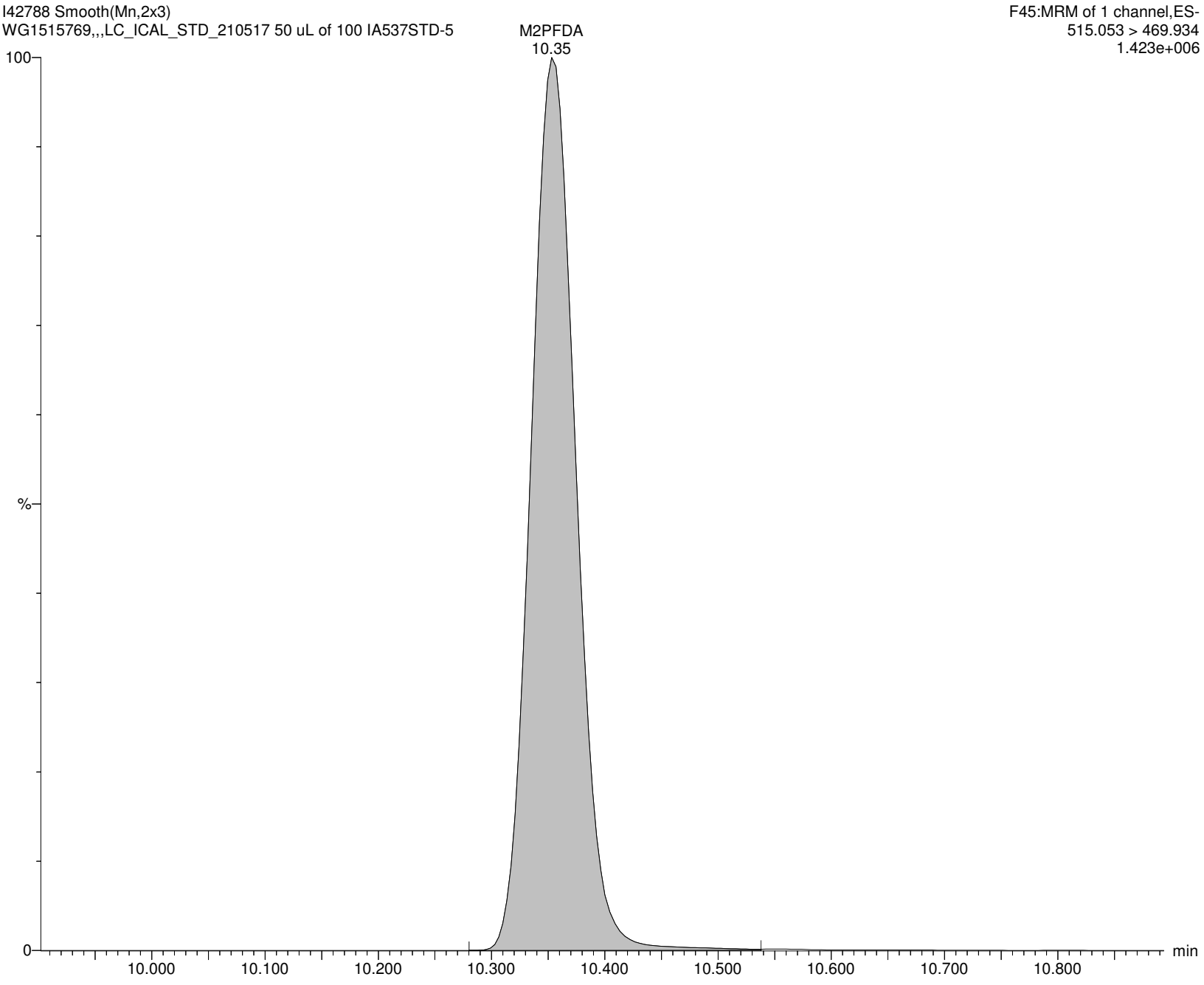


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFDA

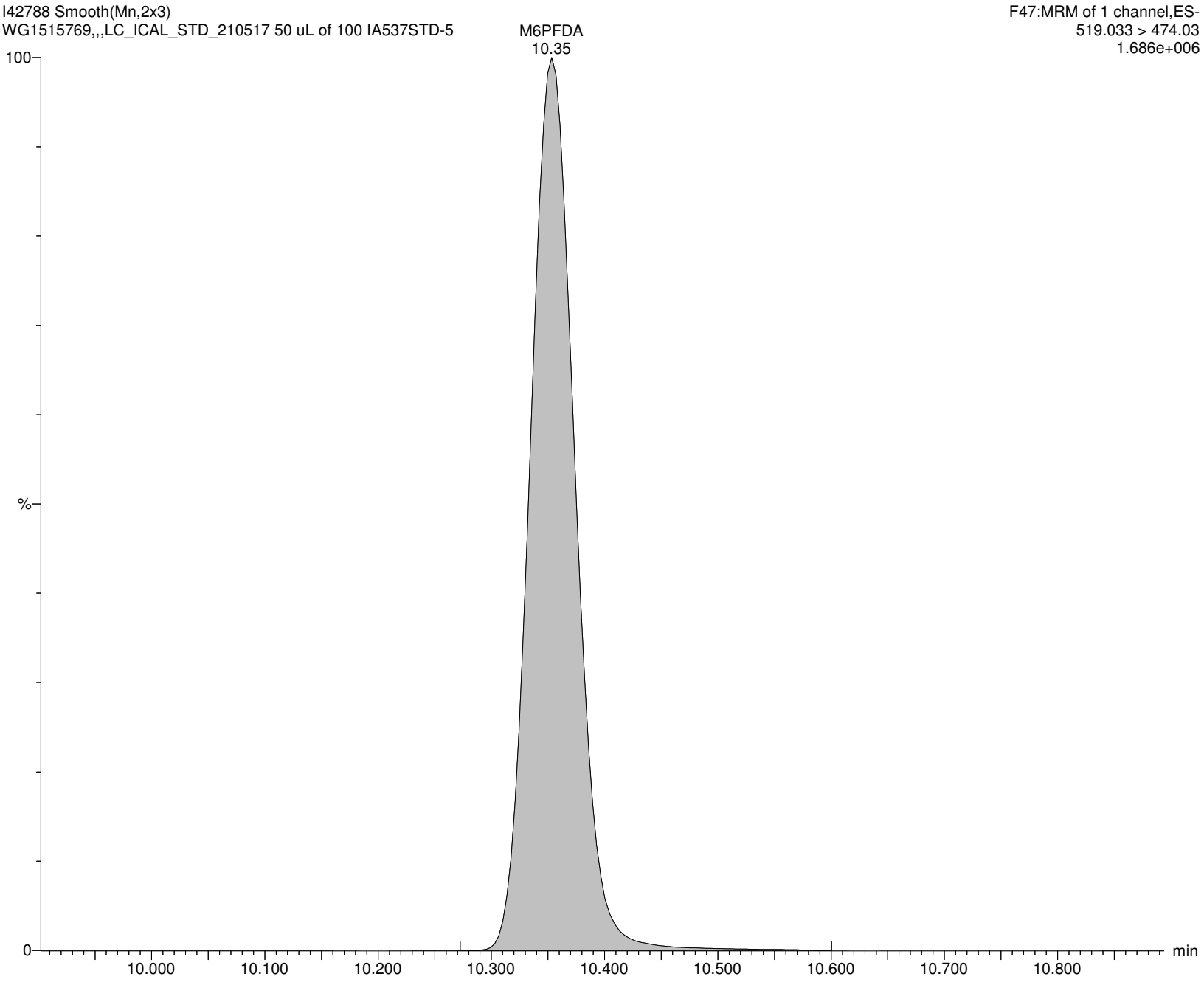


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M6PFDA

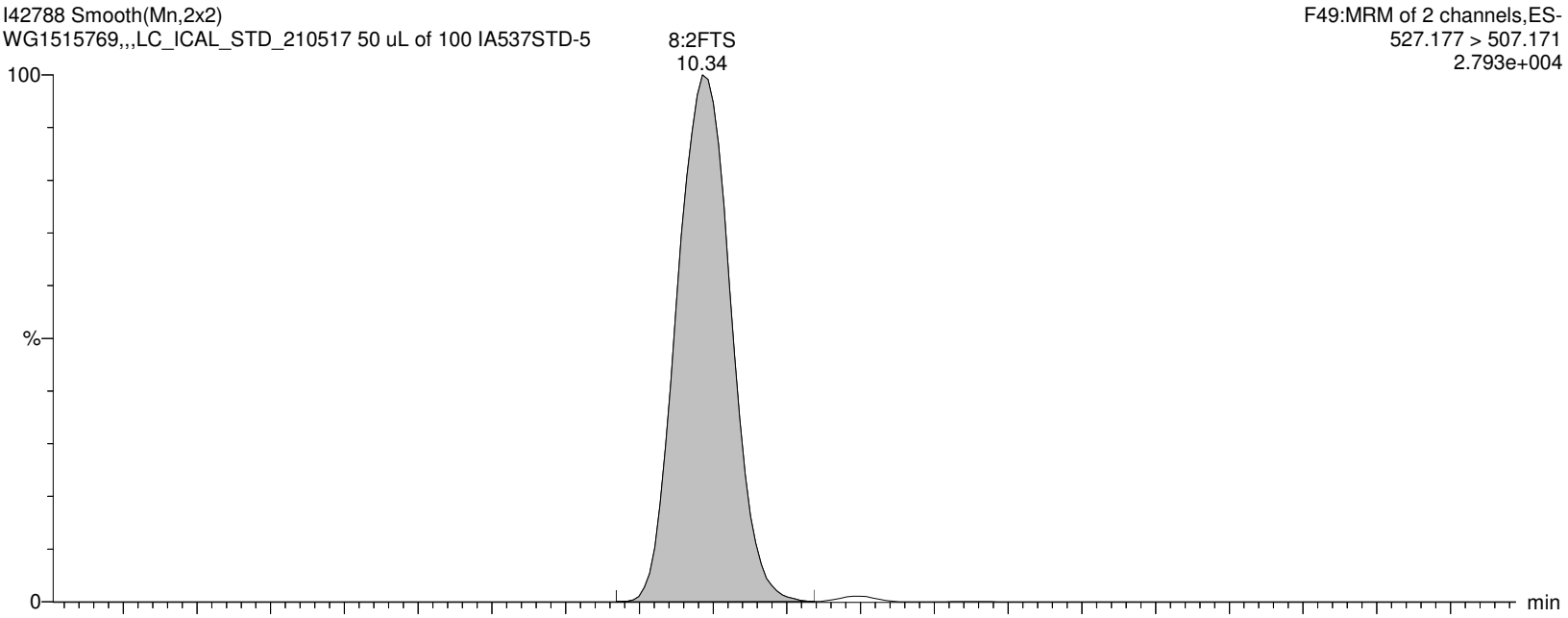


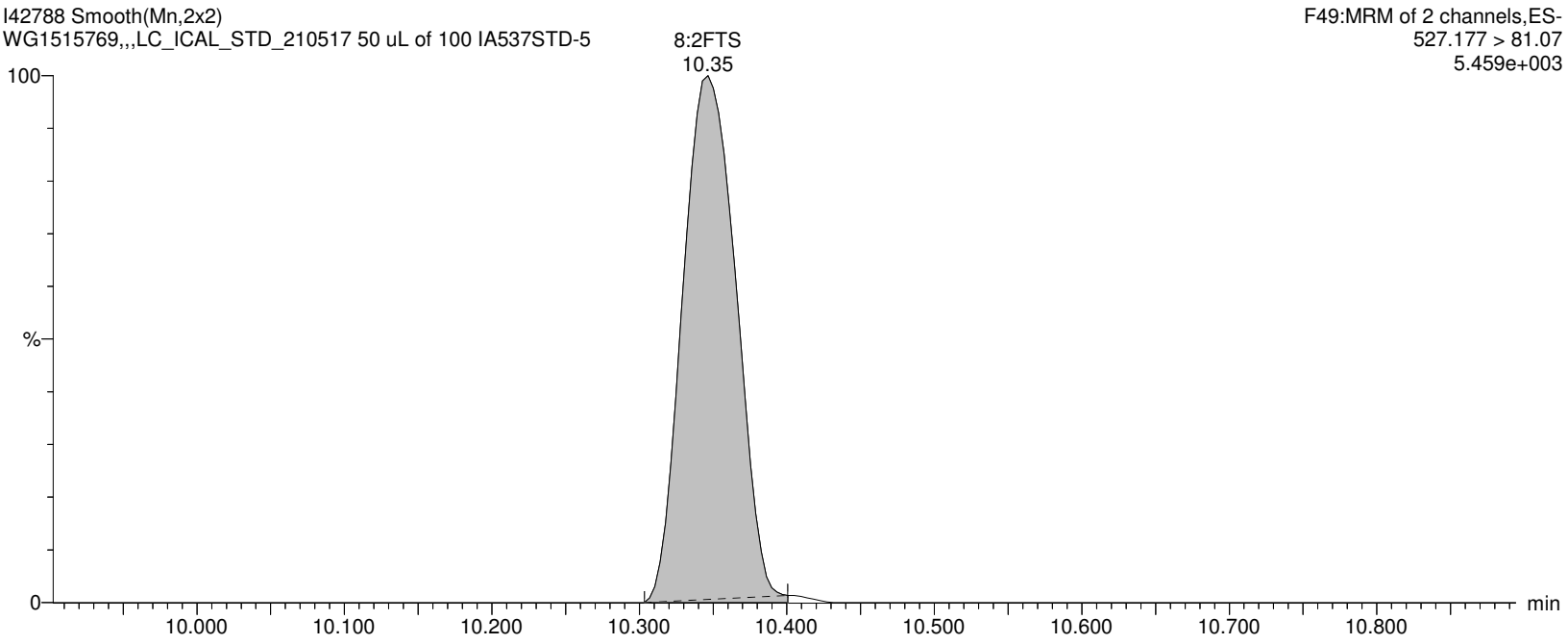
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

8:2FTS



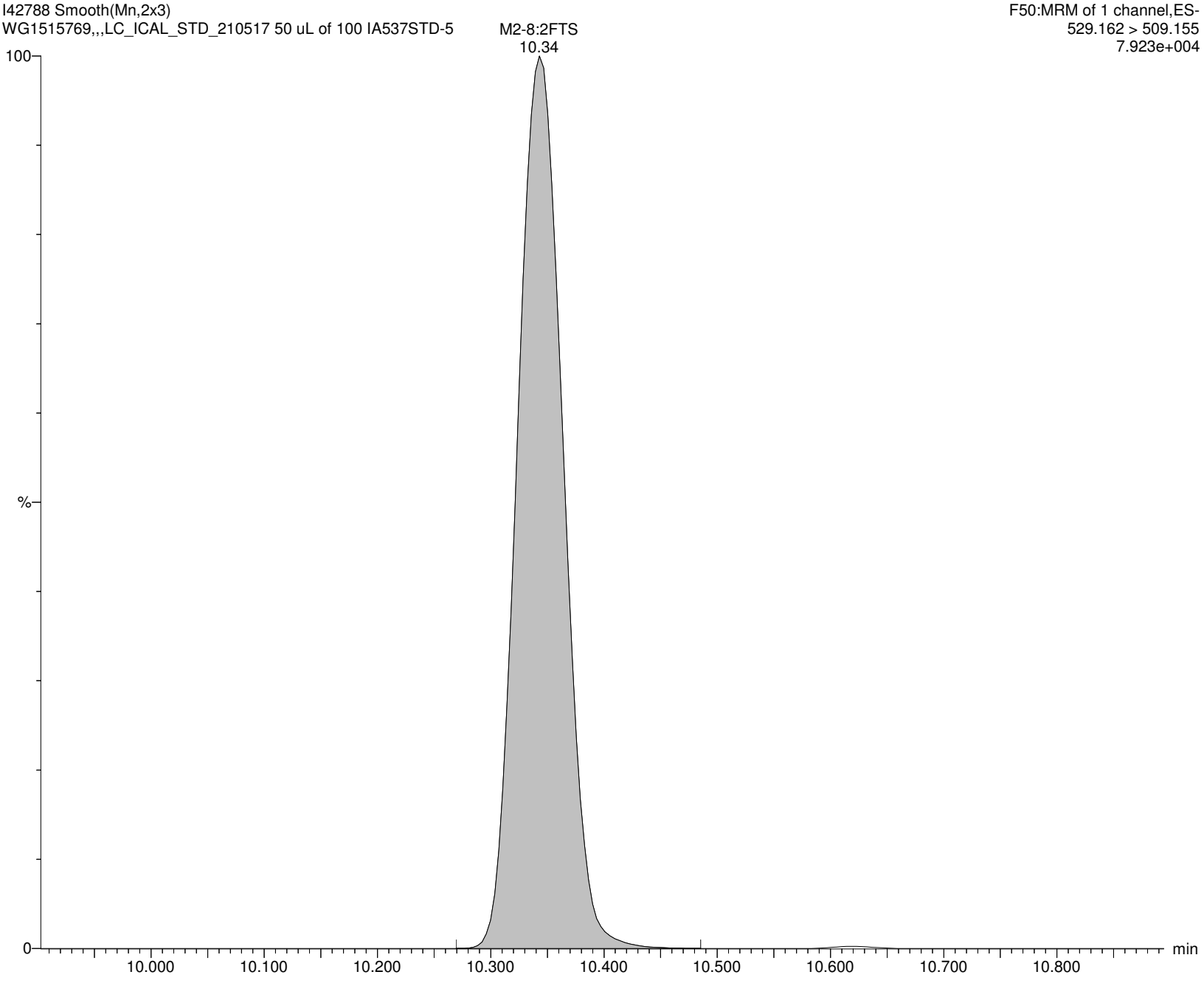


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-8:2FTS

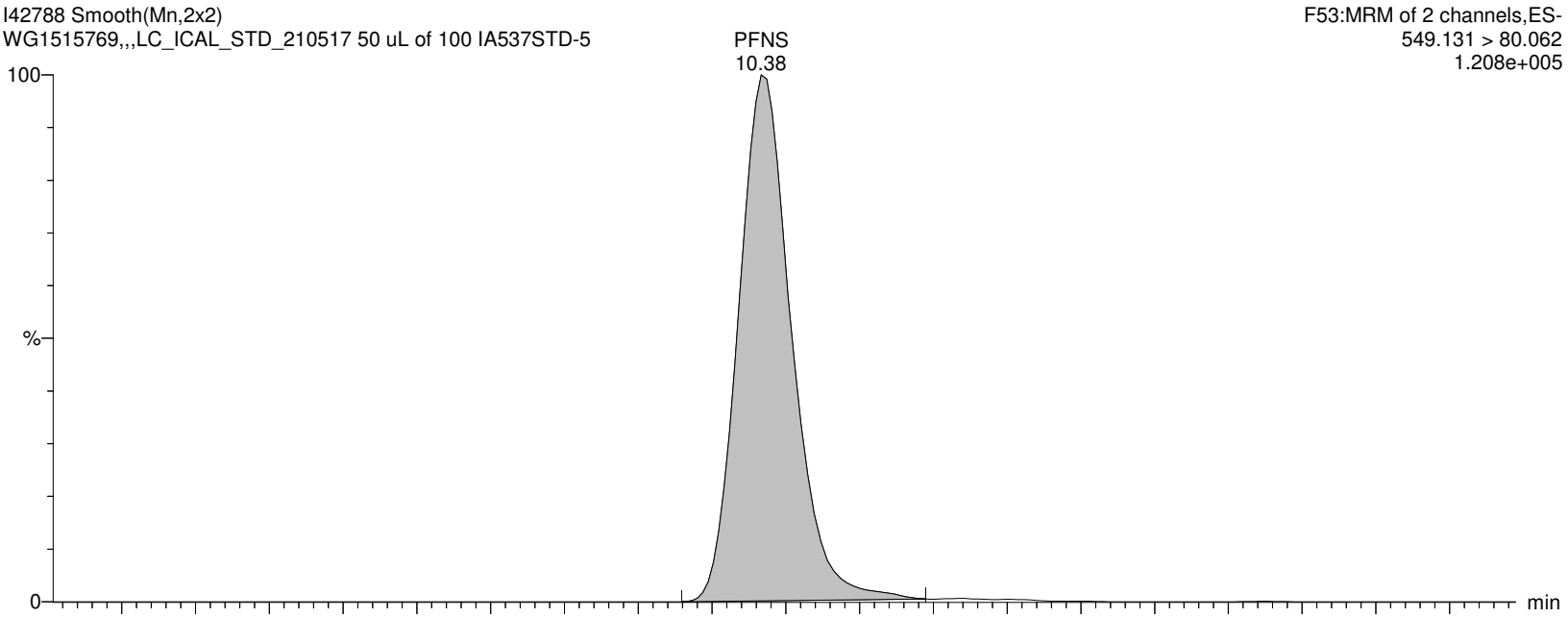


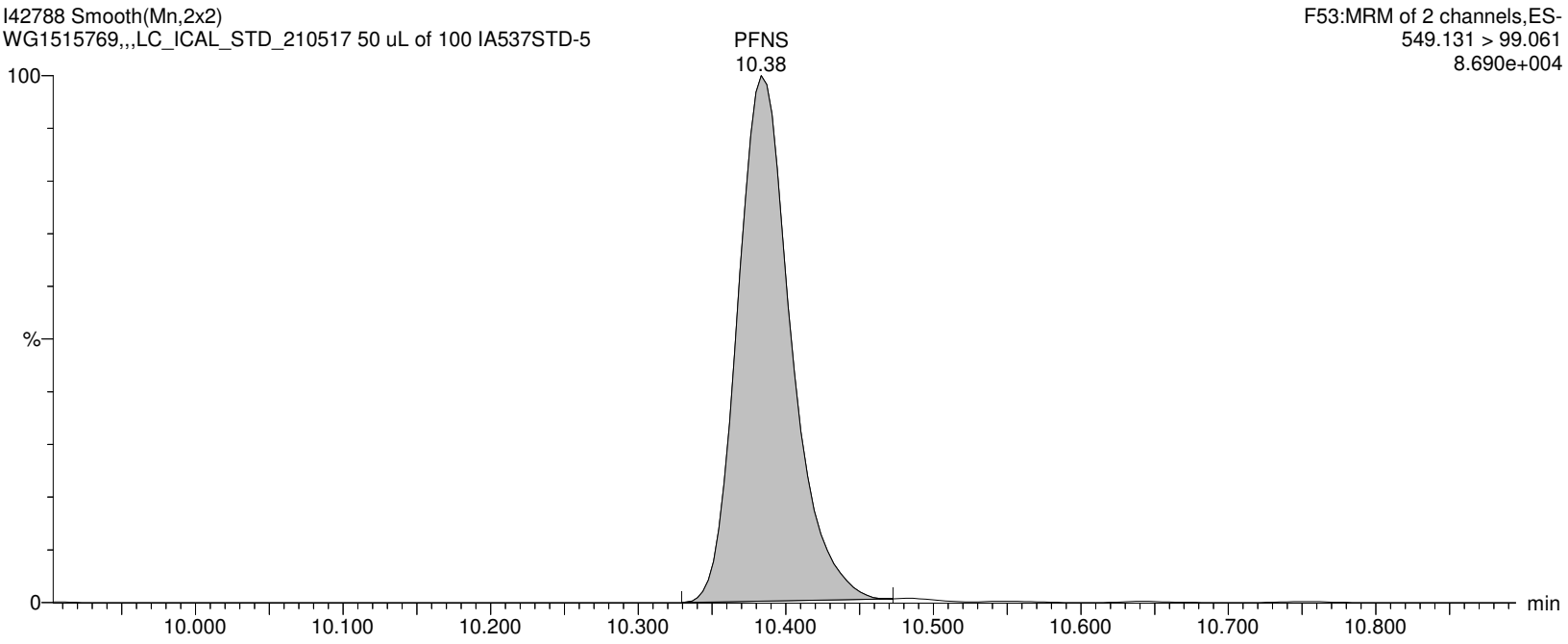
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNS



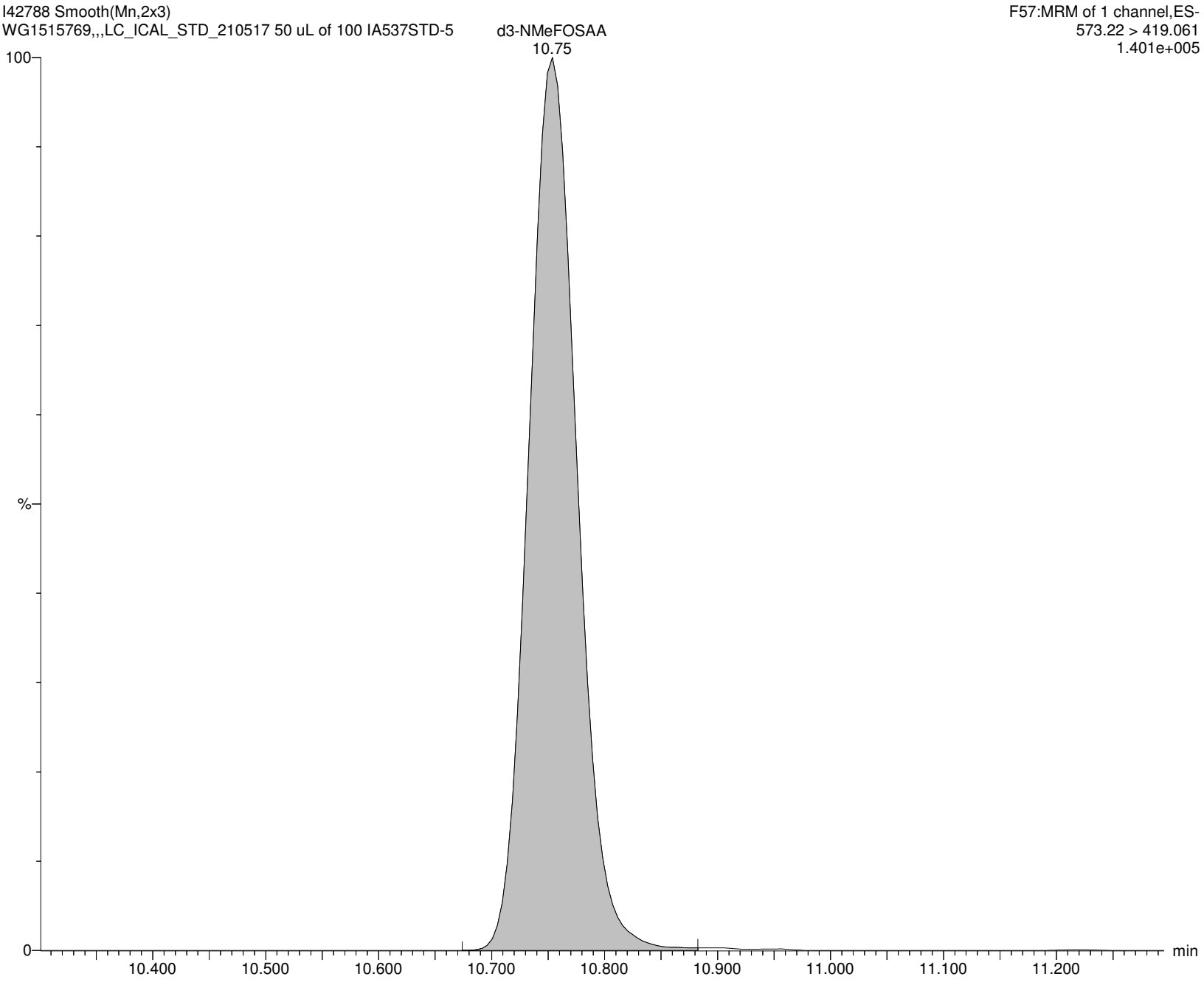


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSAA

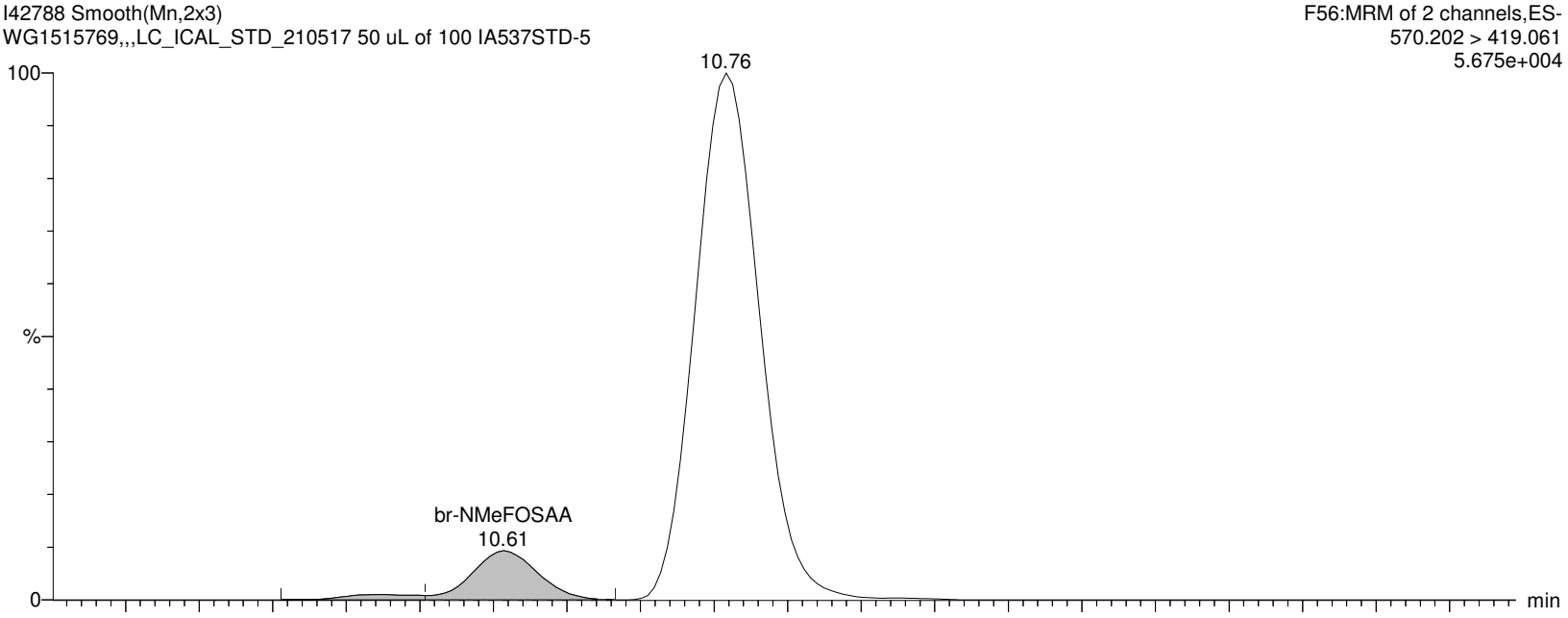


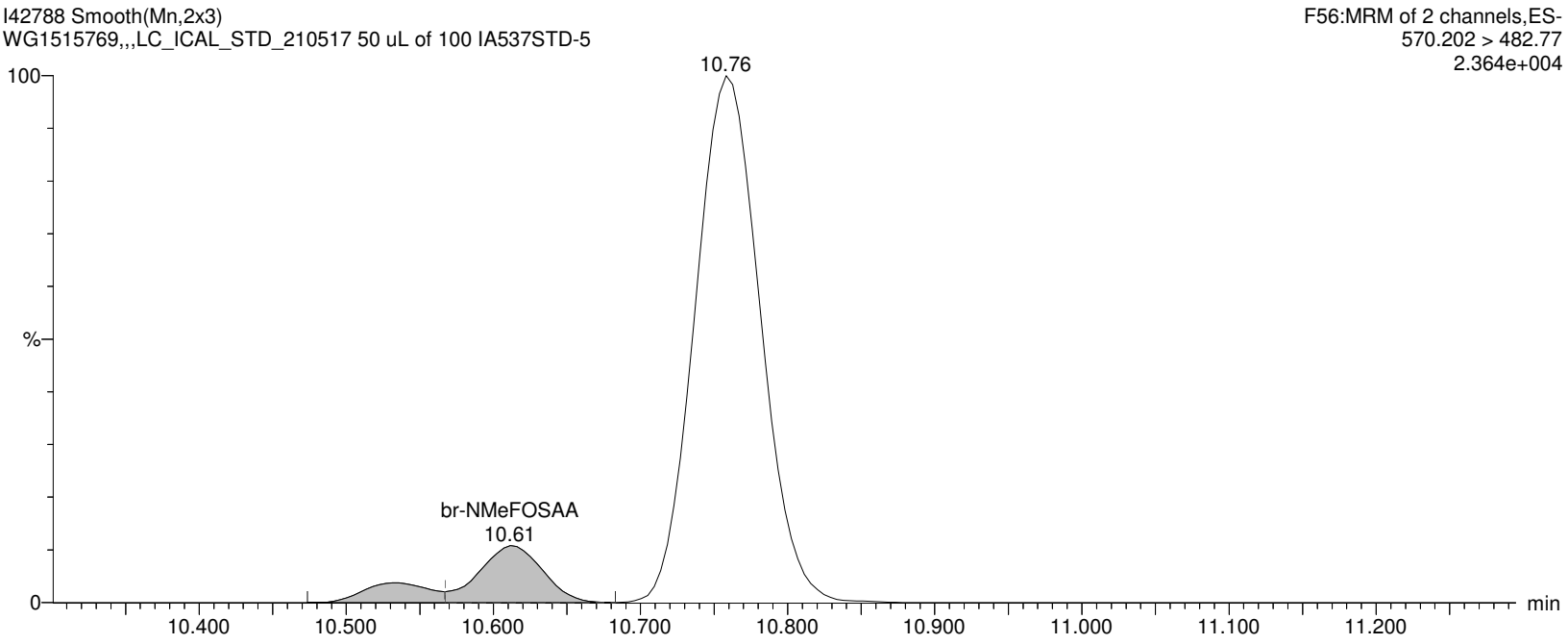
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NMeFOSAA



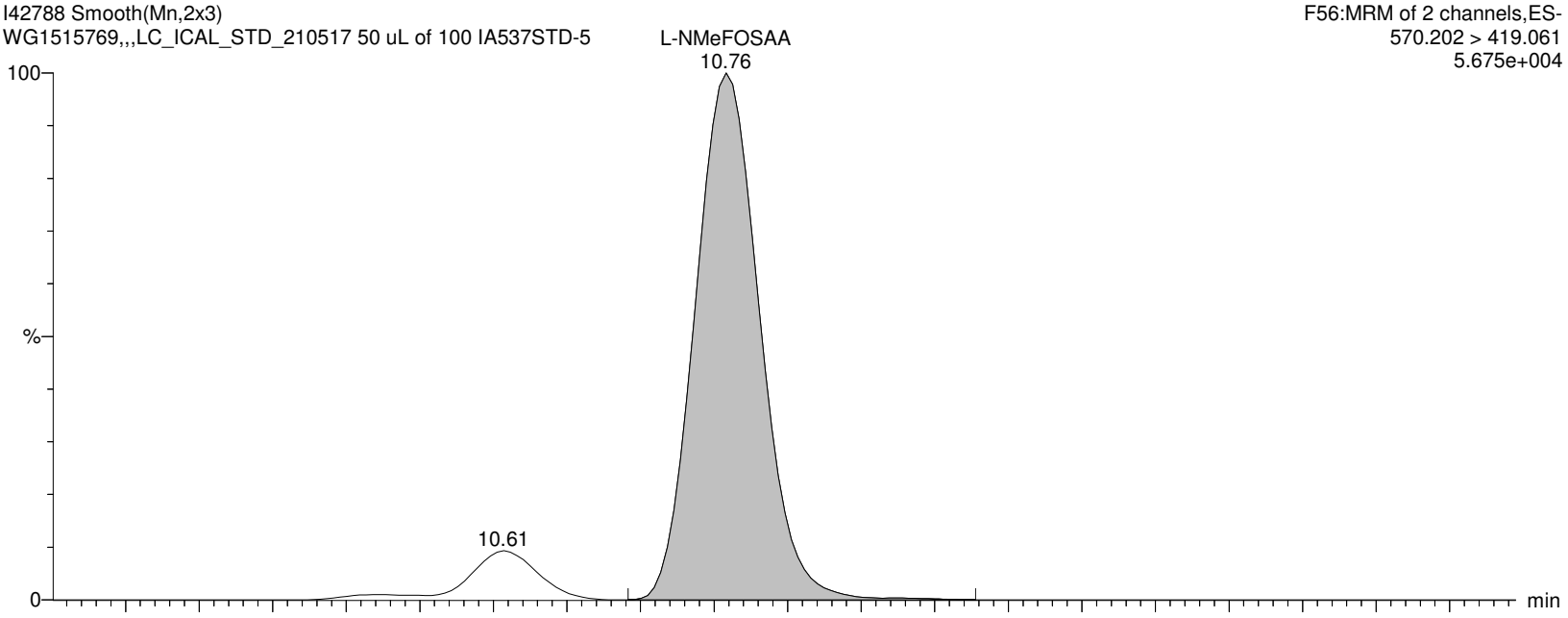


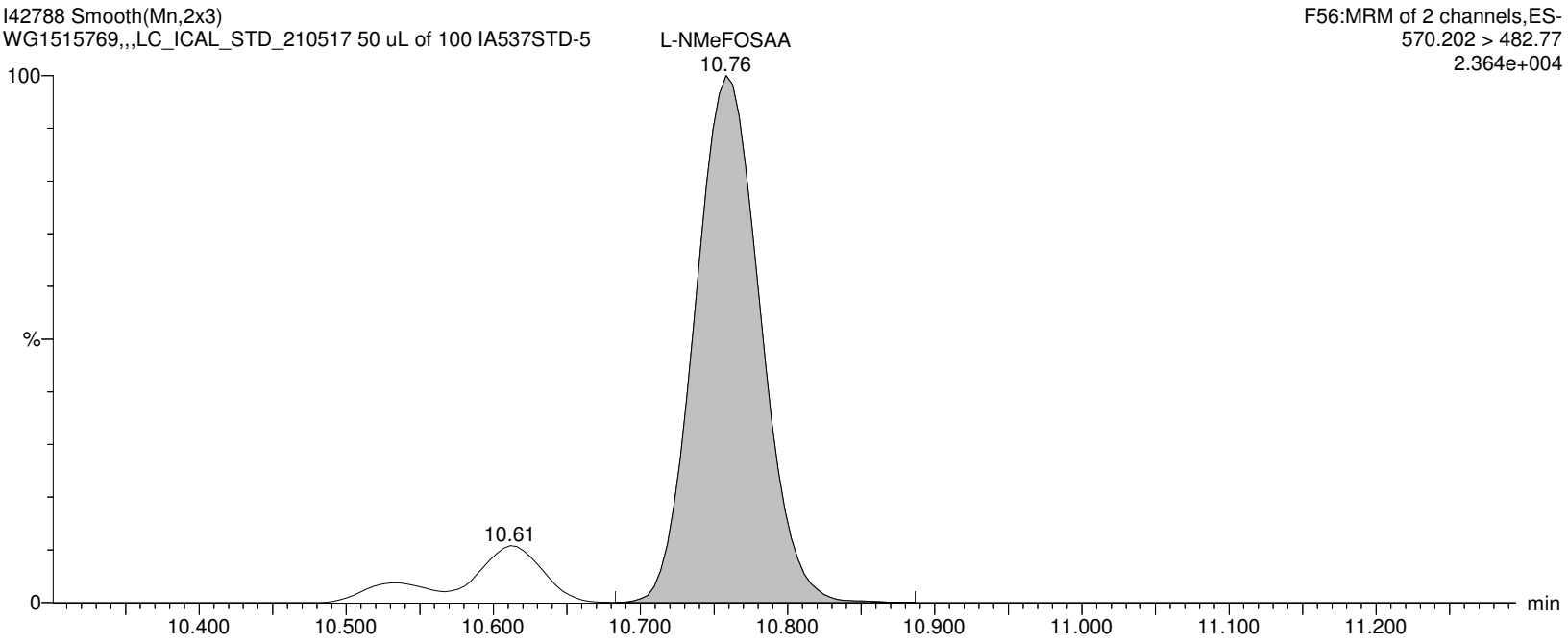
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NMeFOSAA



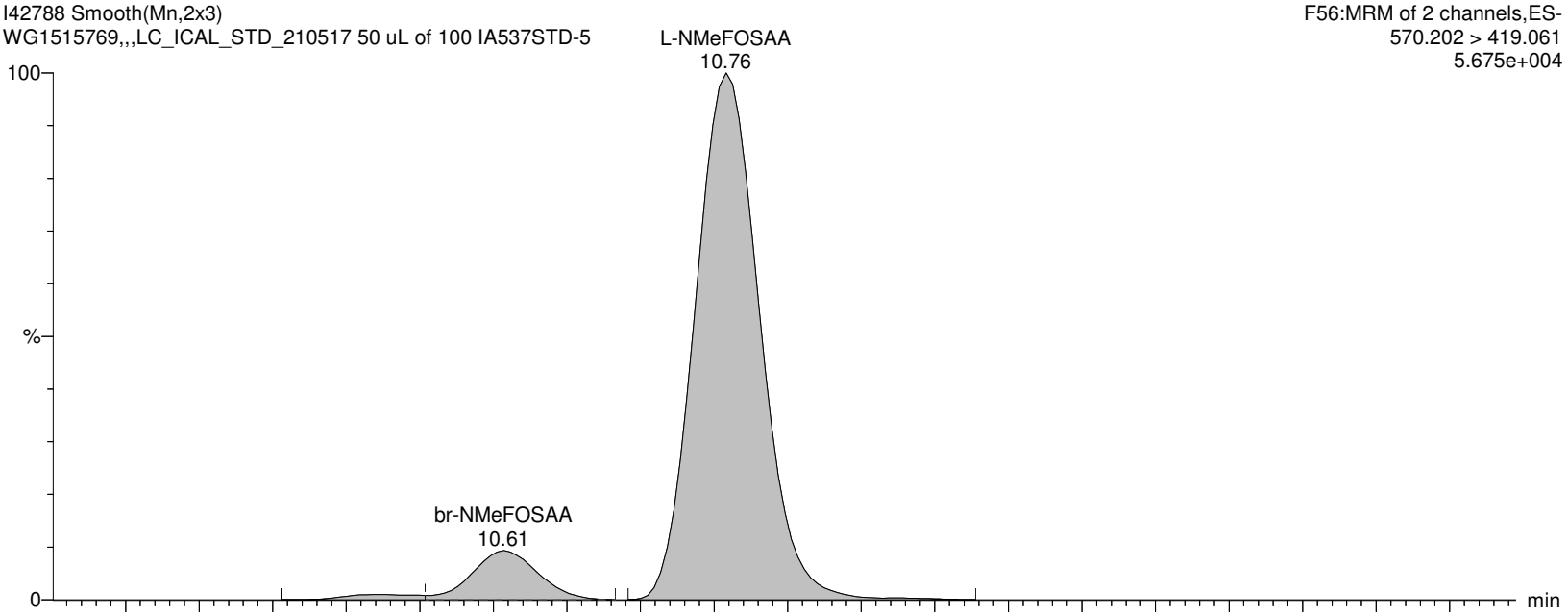


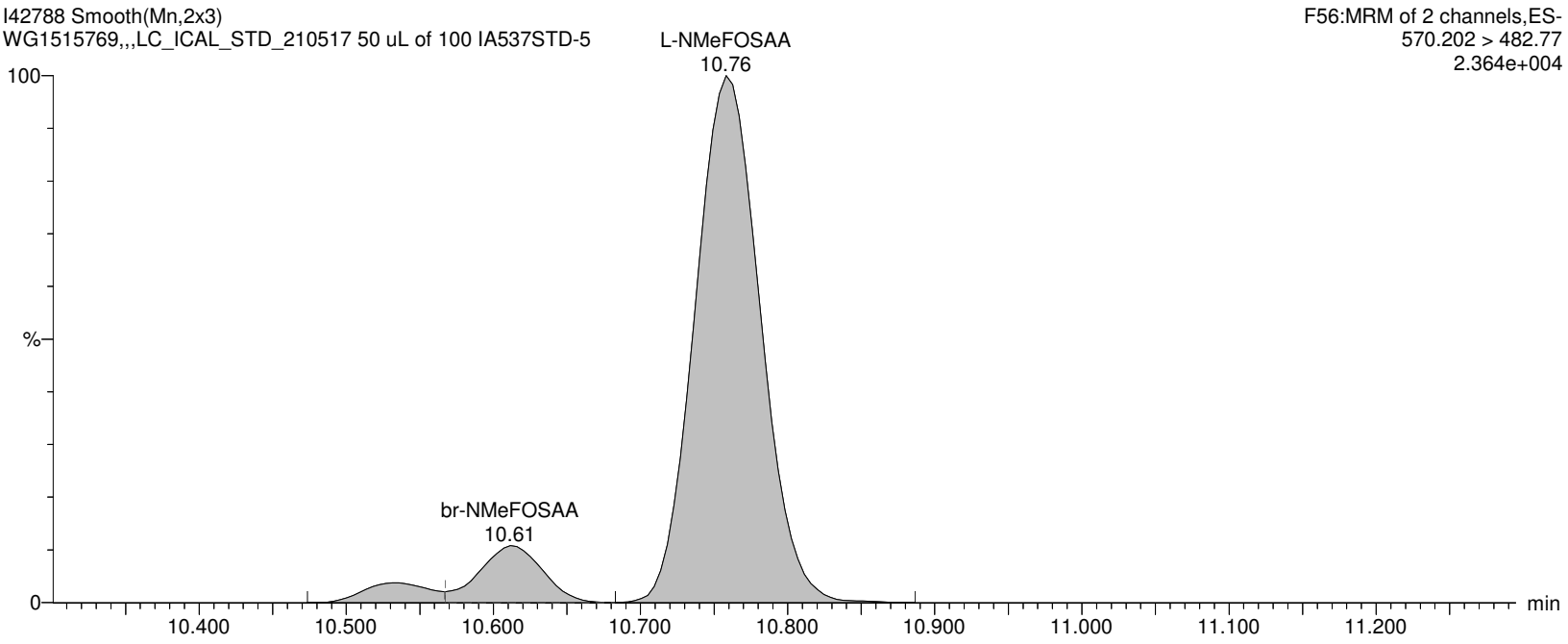
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSAA



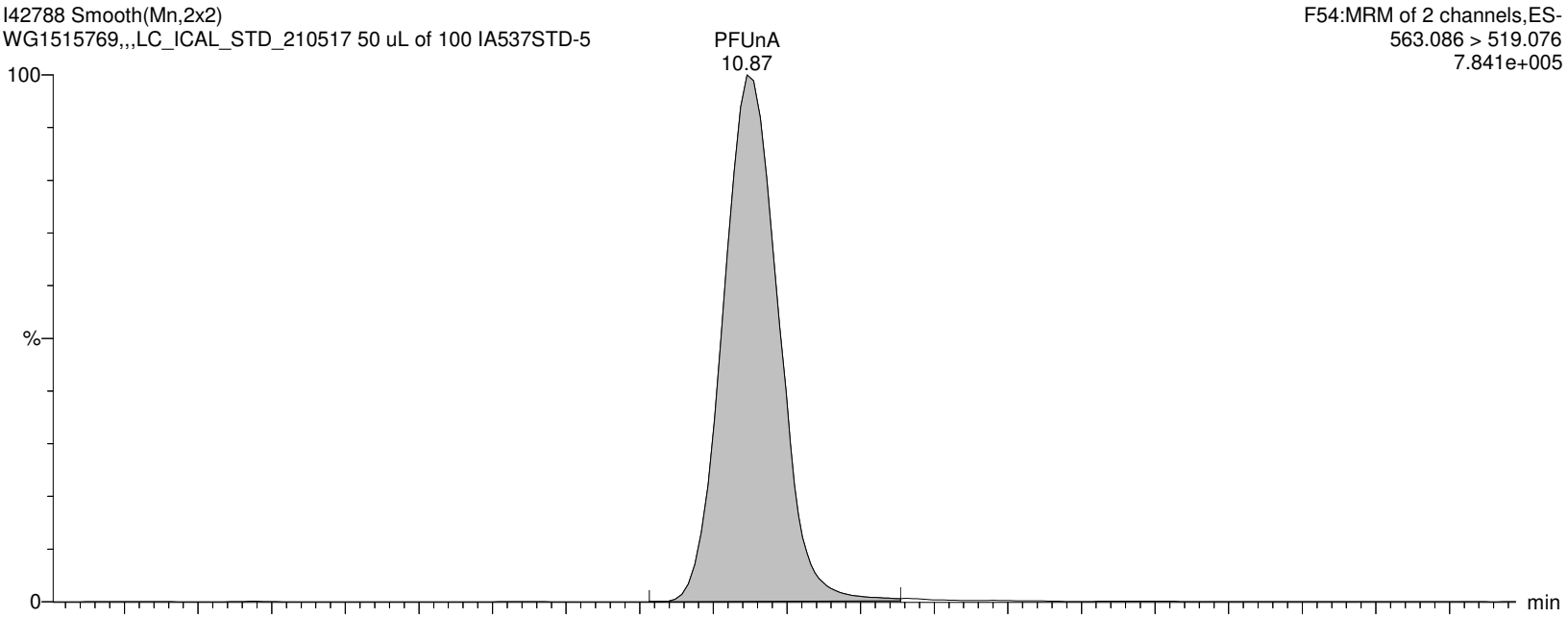


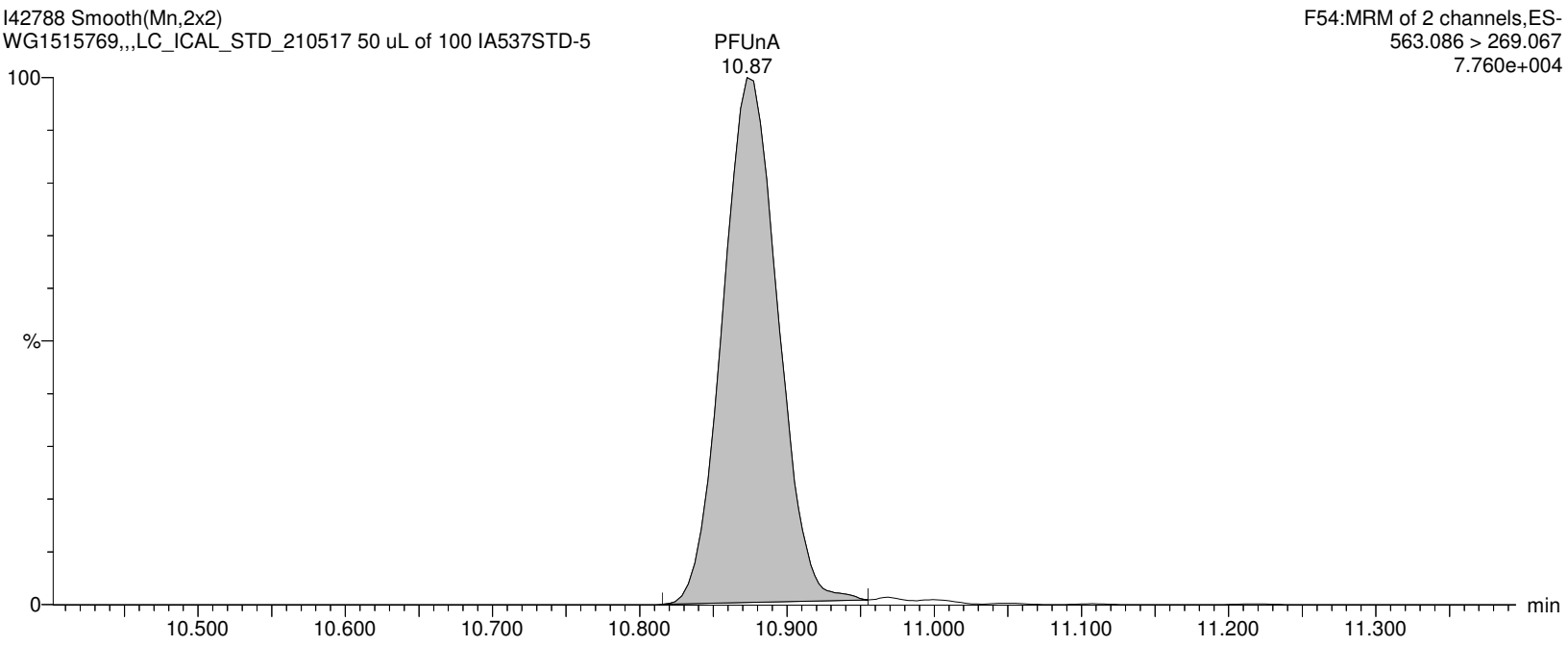
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFUnA



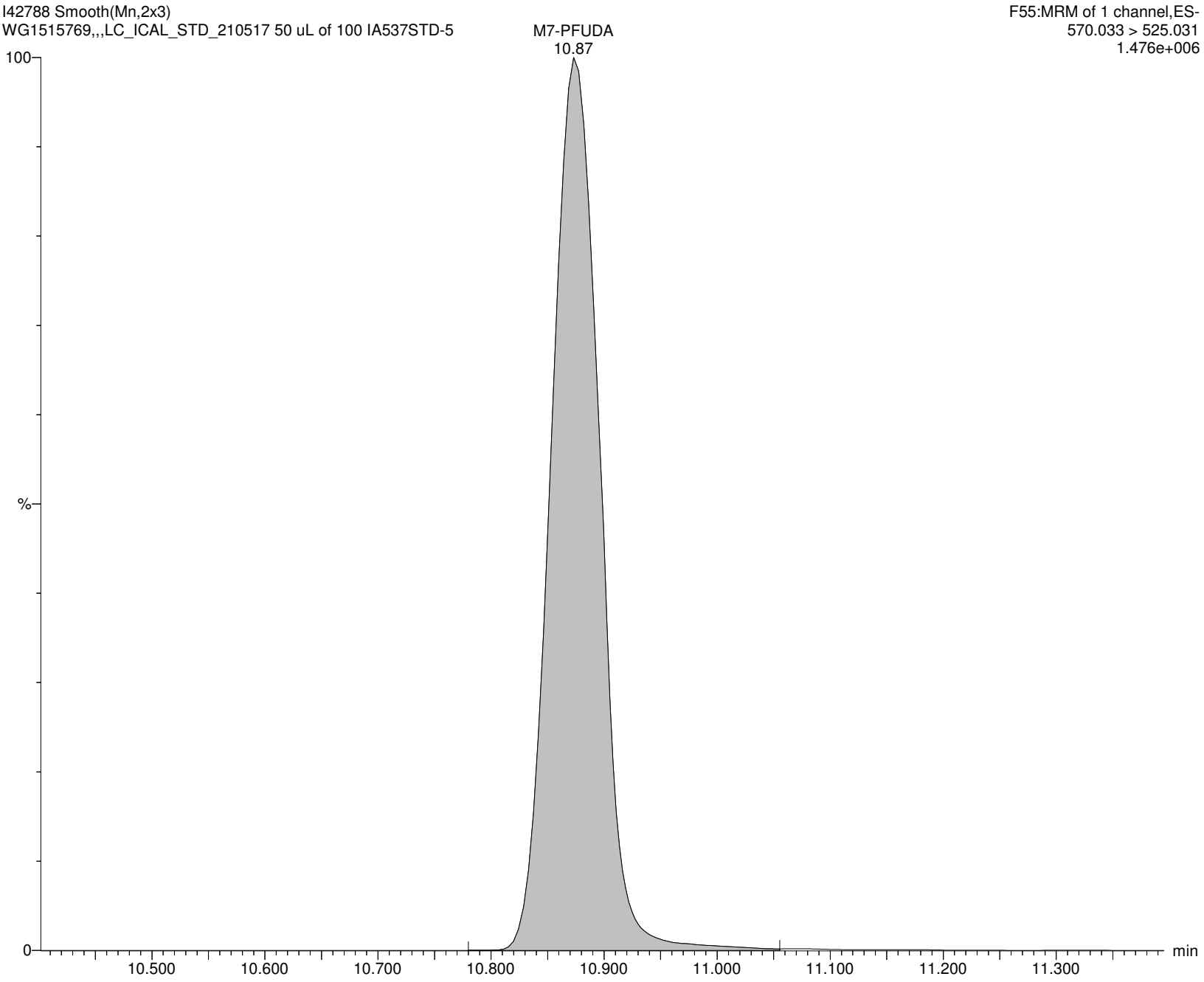


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M7-PFUDA

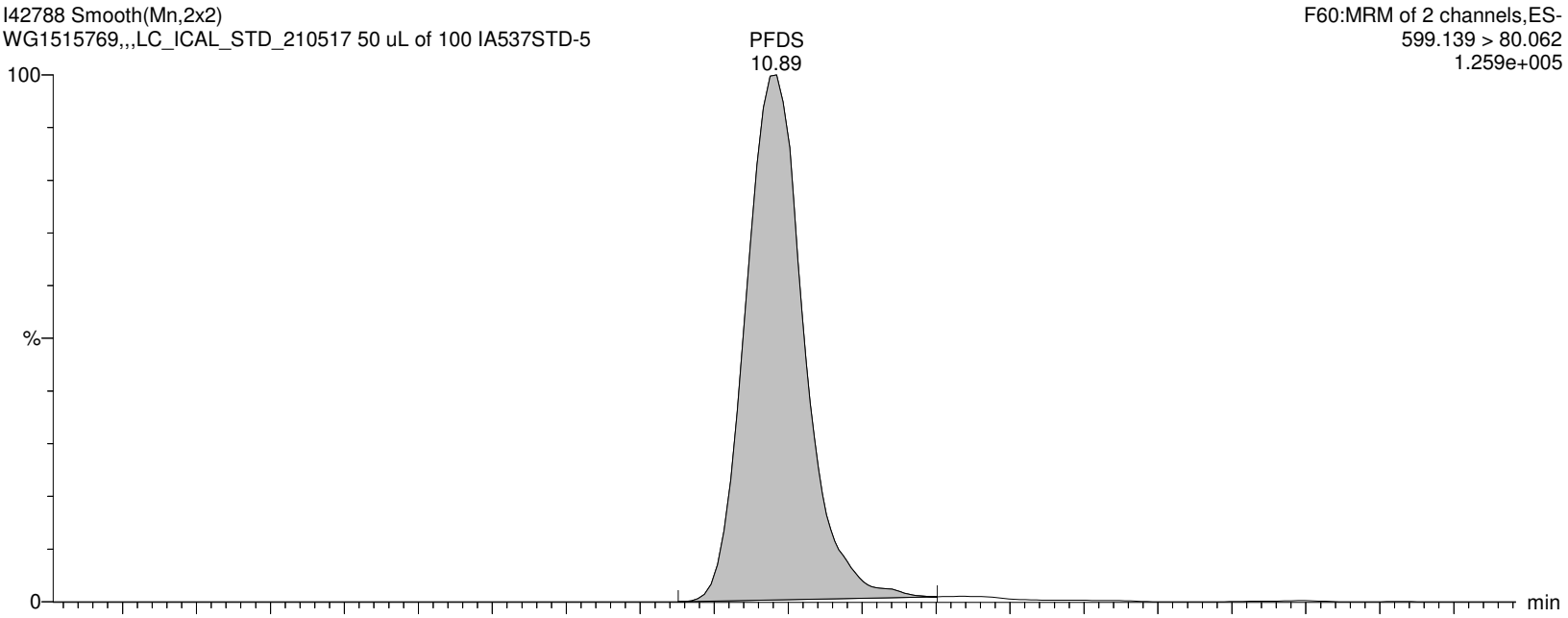


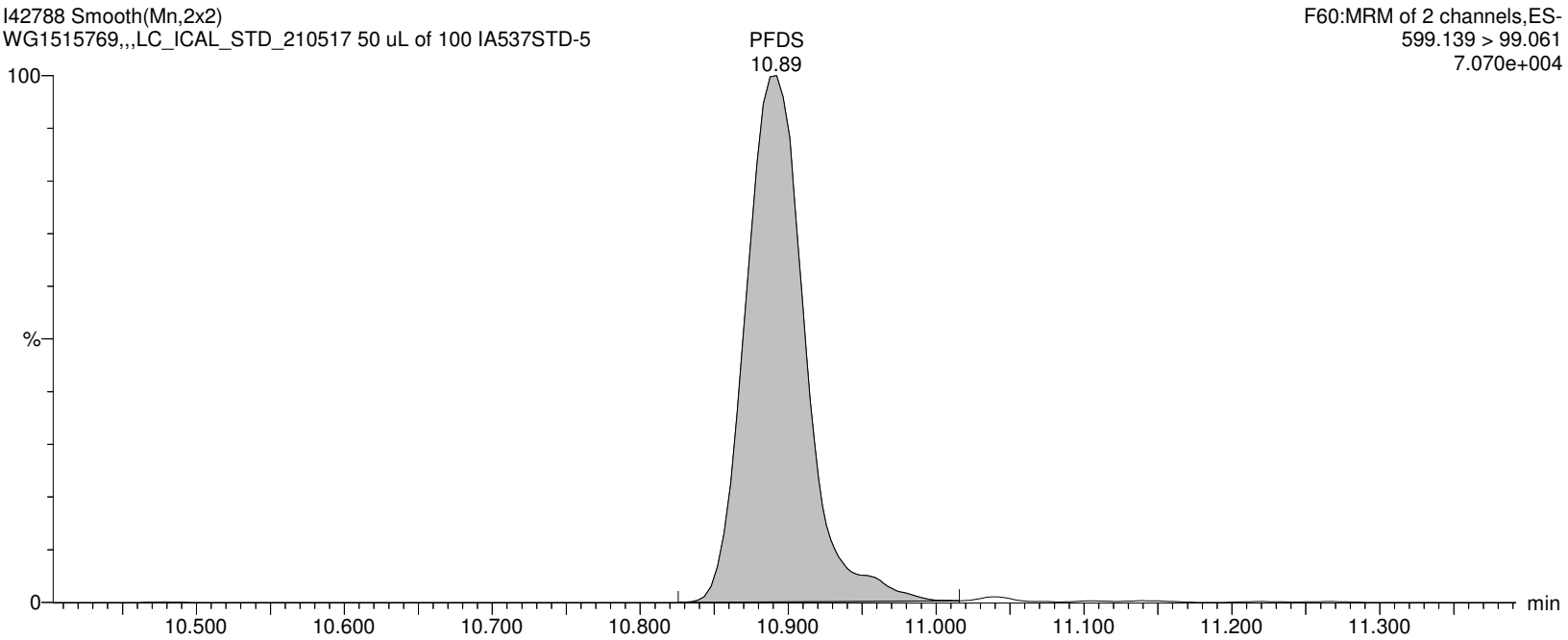
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDS



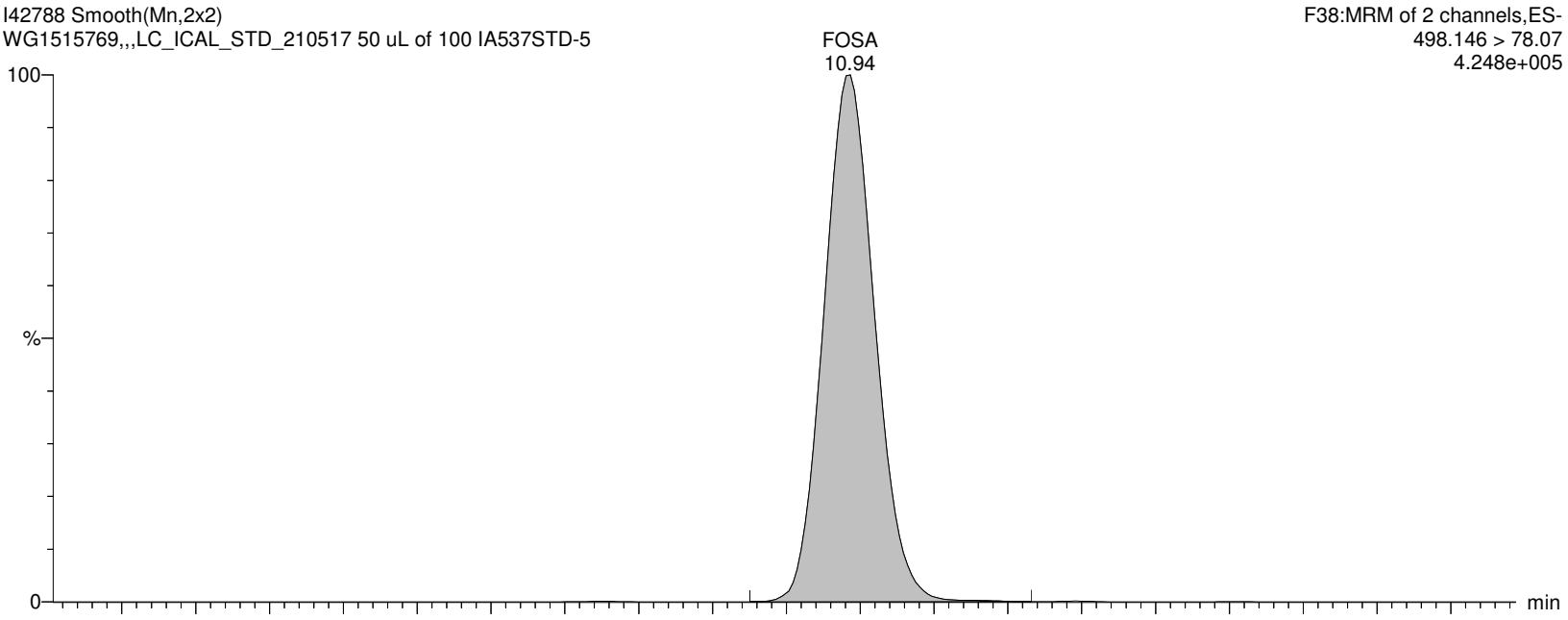


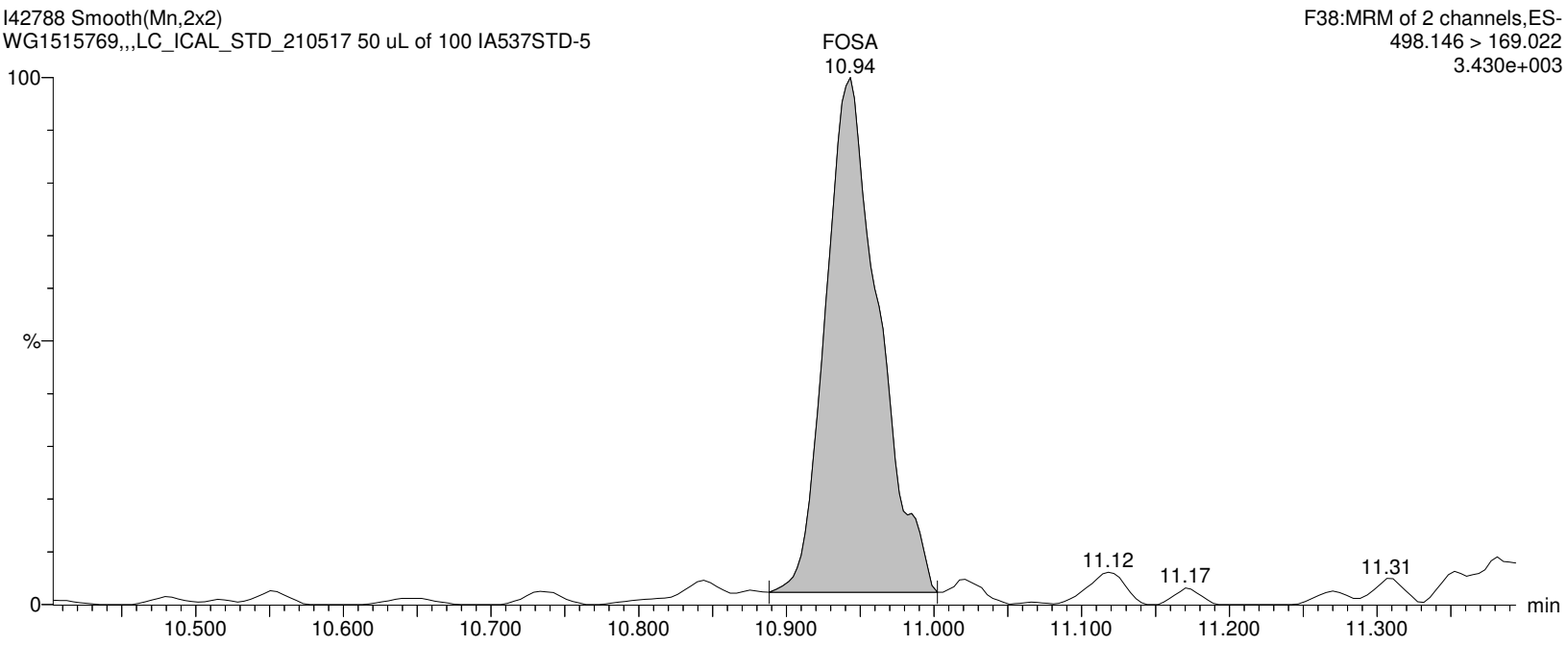
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

FOSA



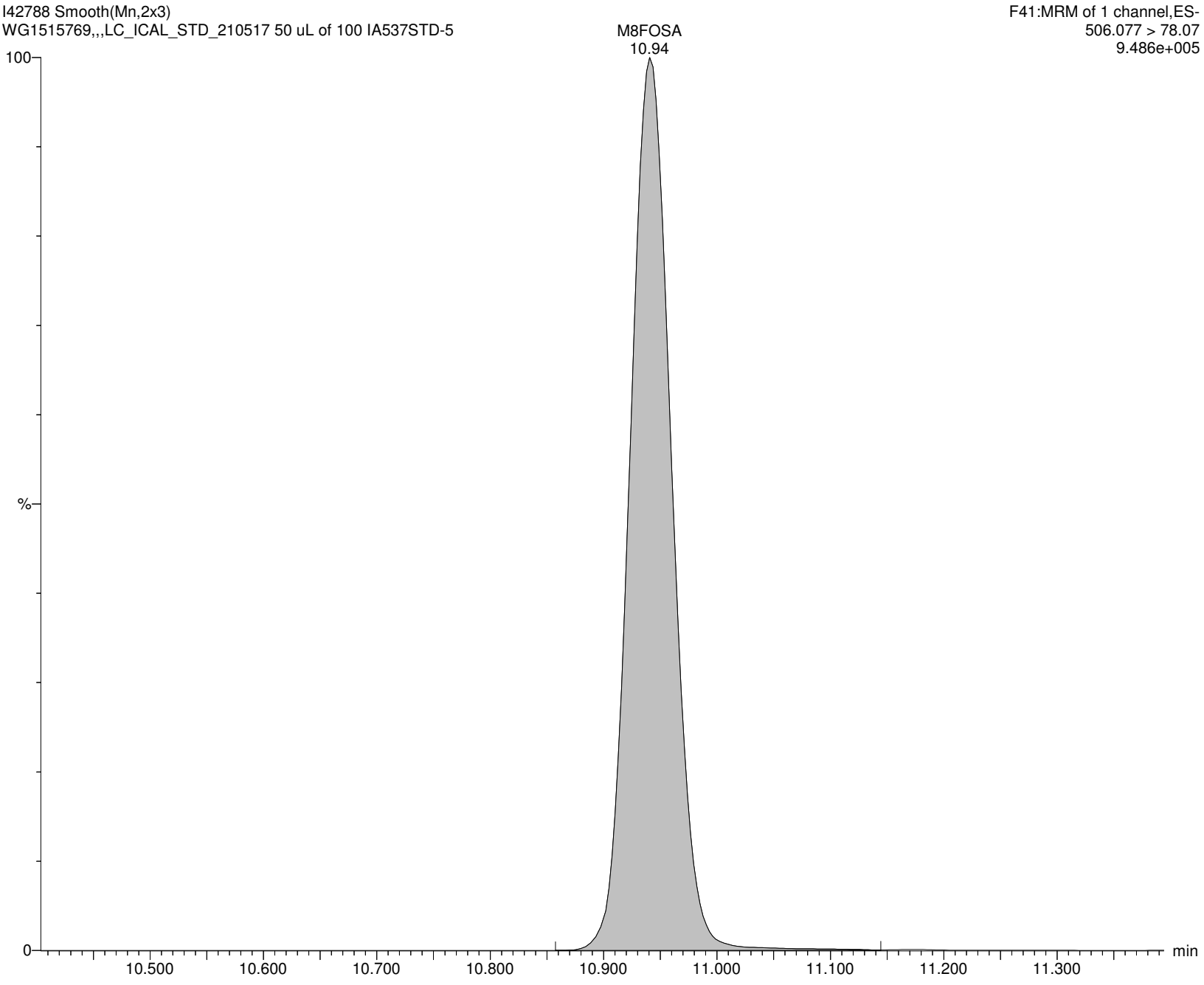


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8FOSA

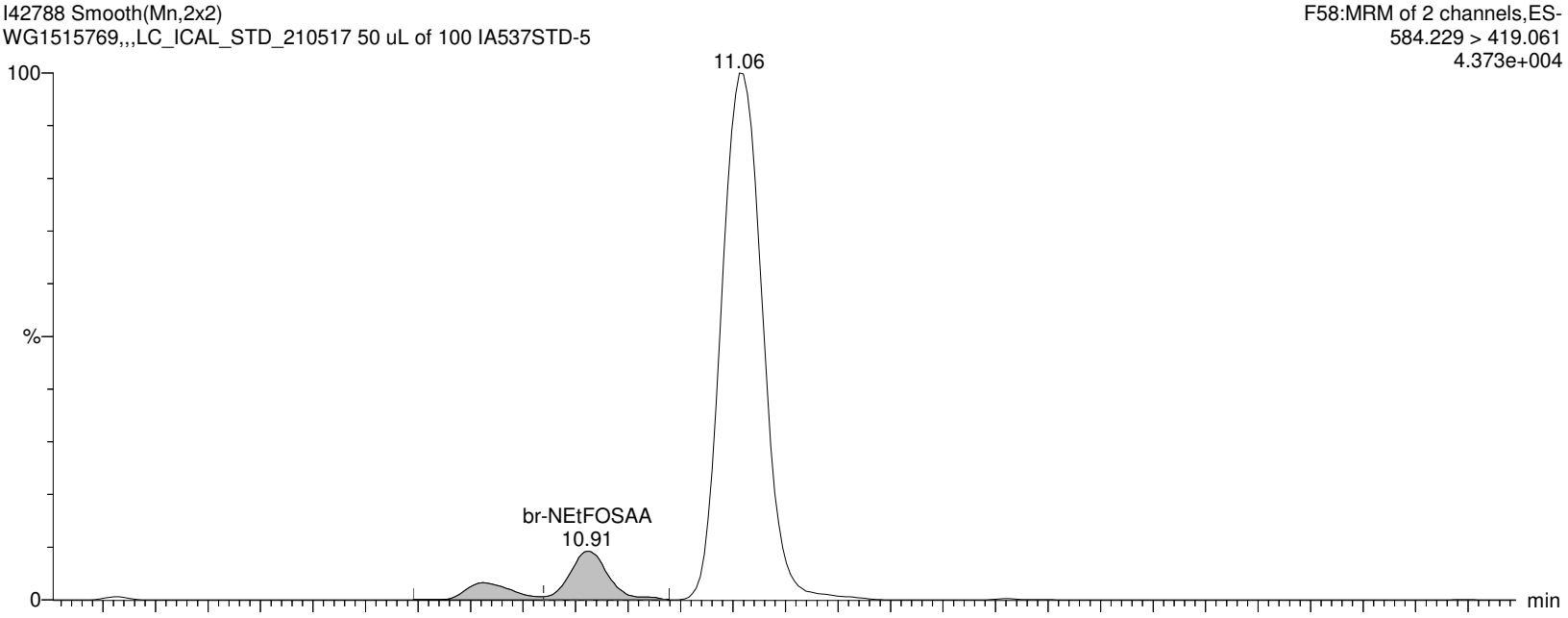


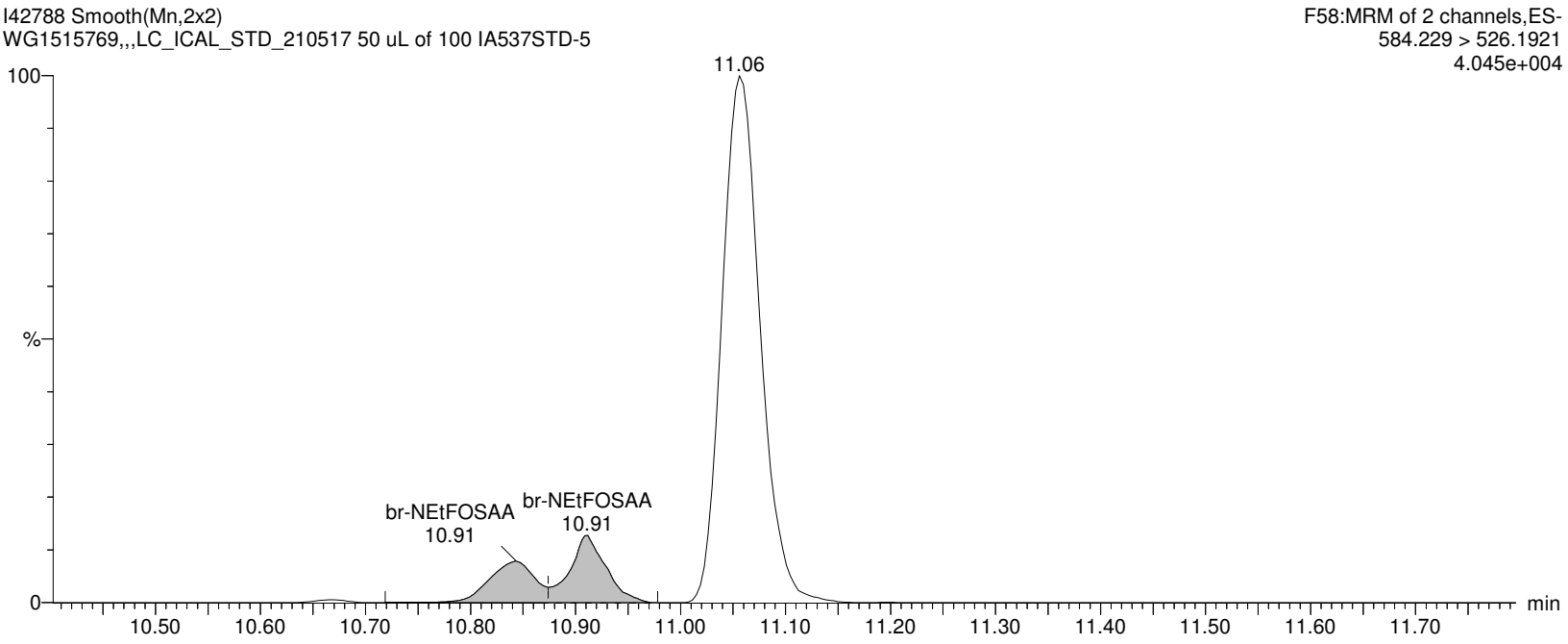
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NEtFOSAA



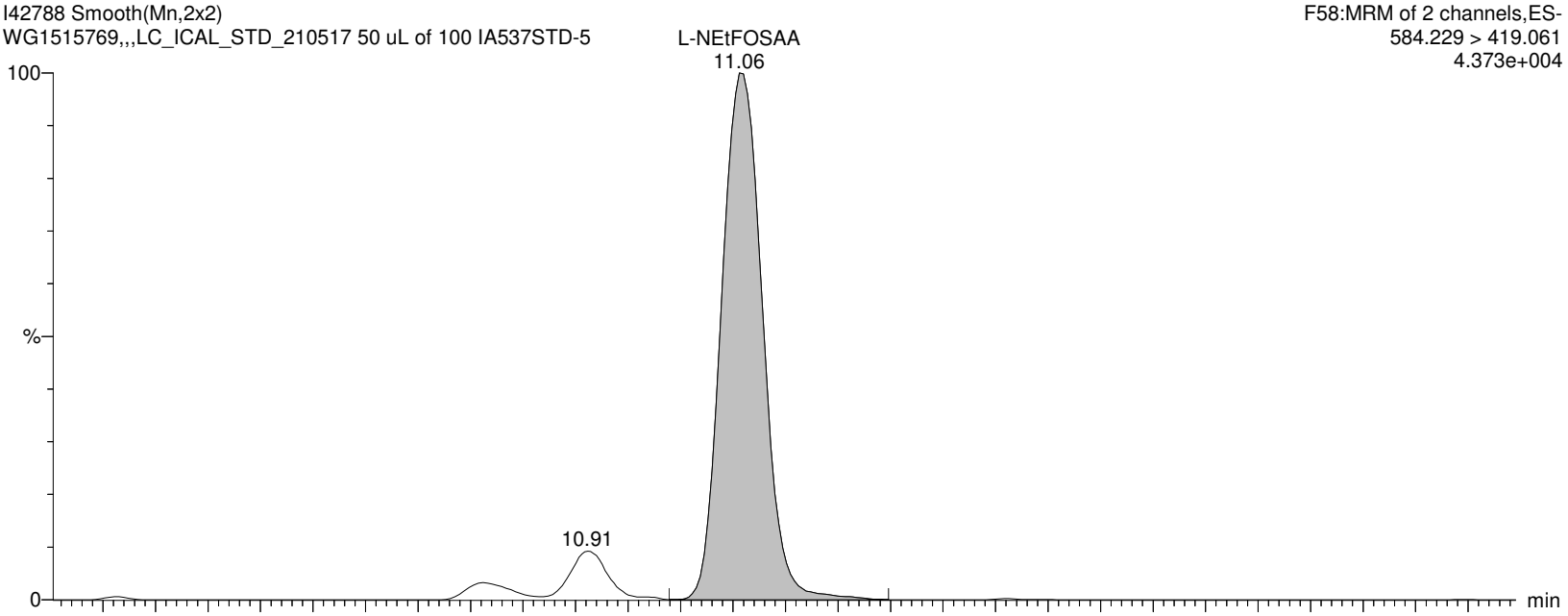


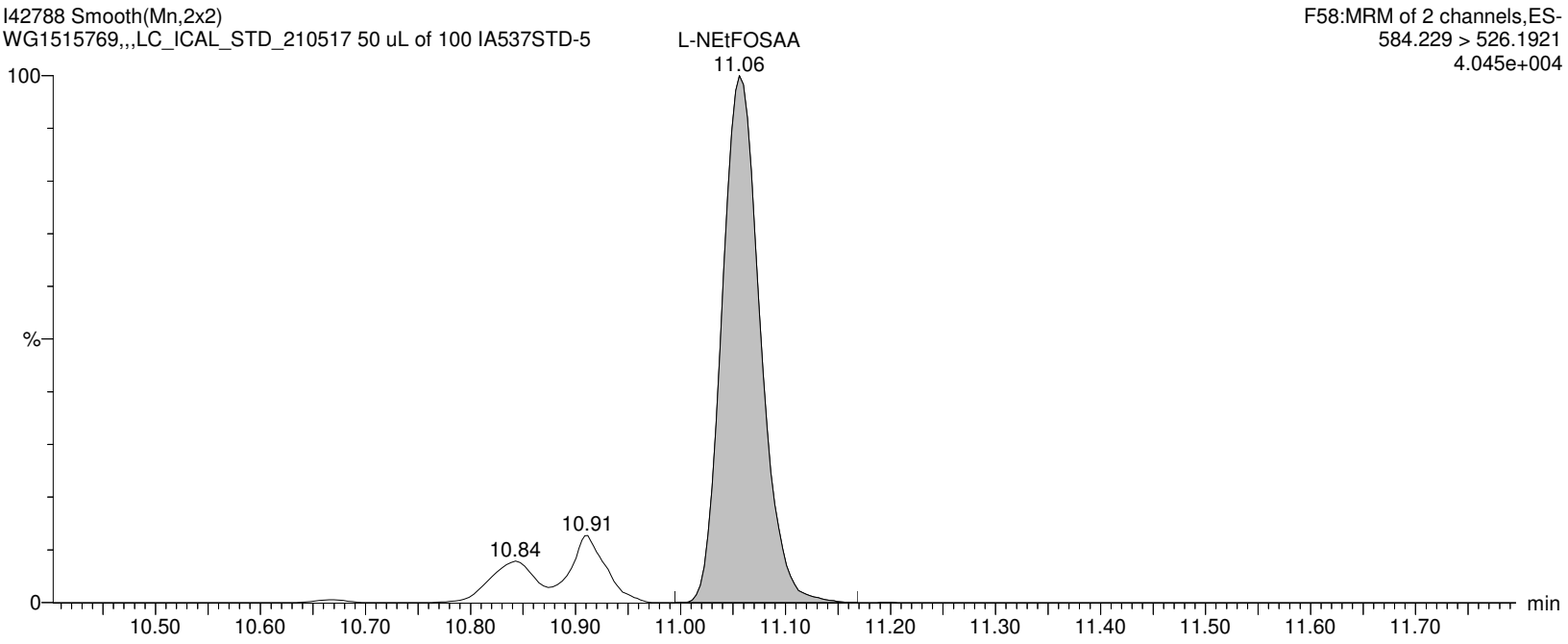
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NEtFOSAA



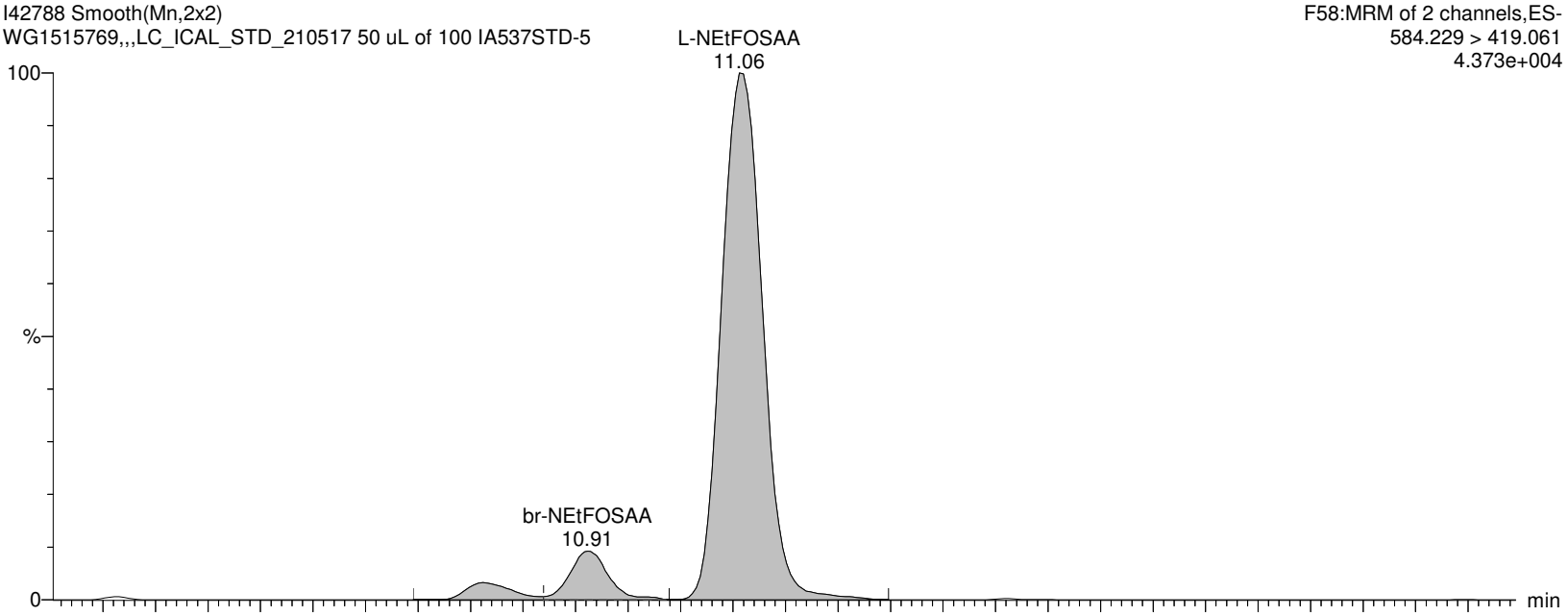


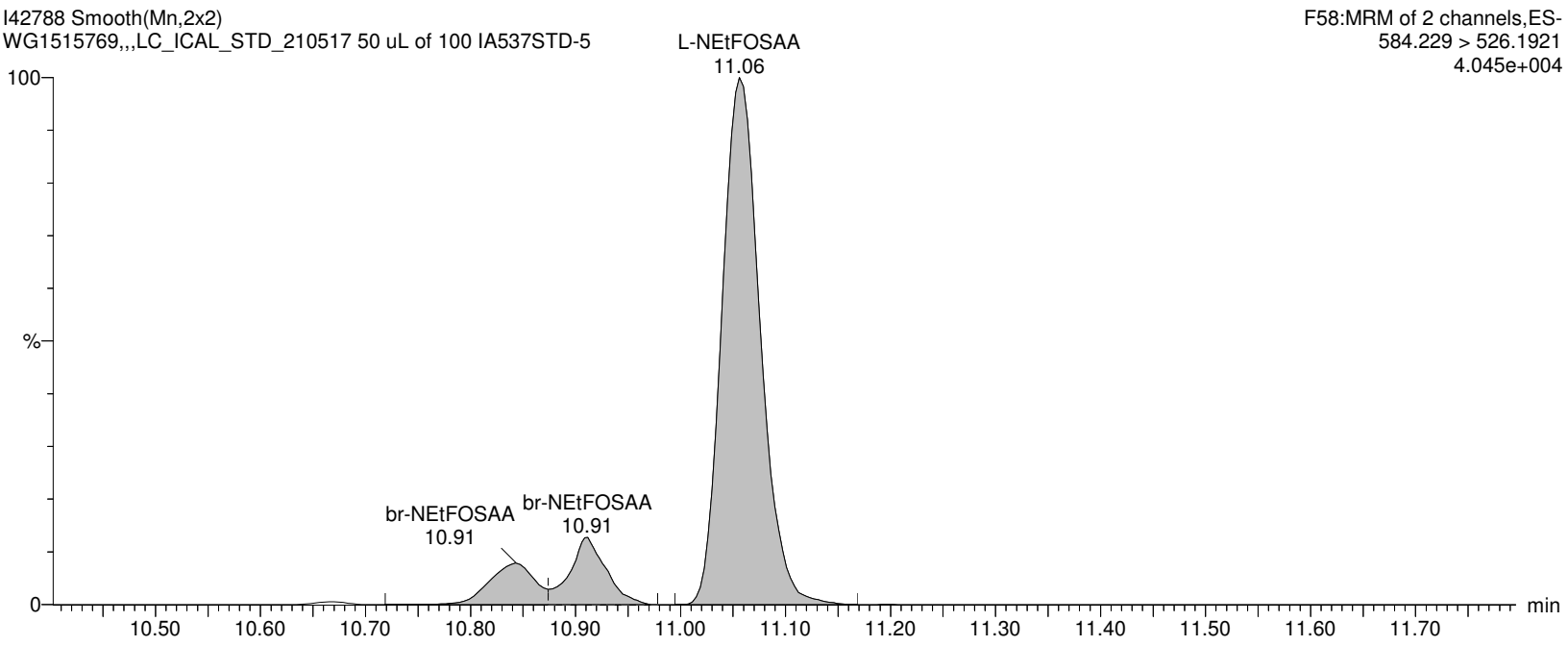
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSAA



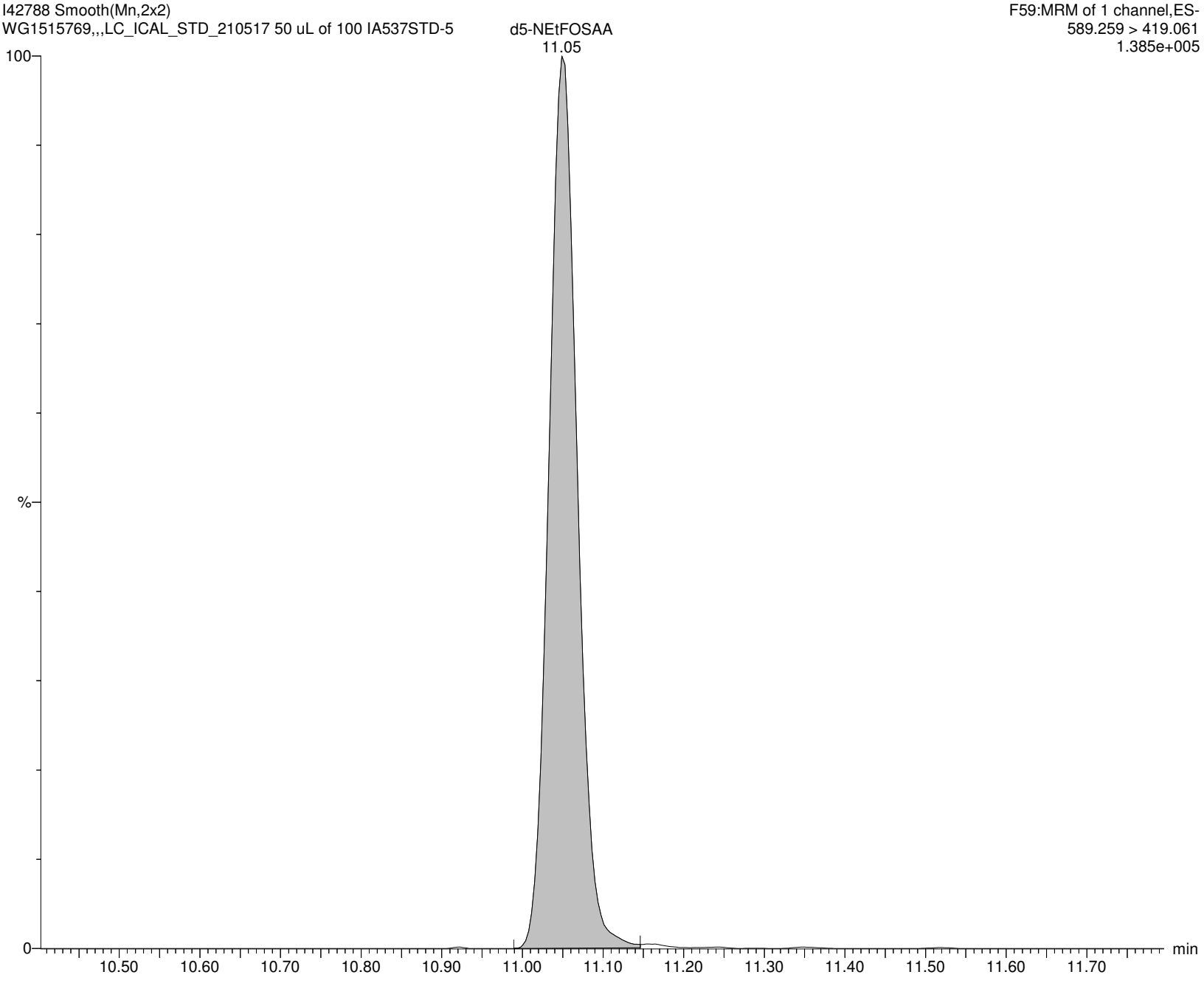


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSAA

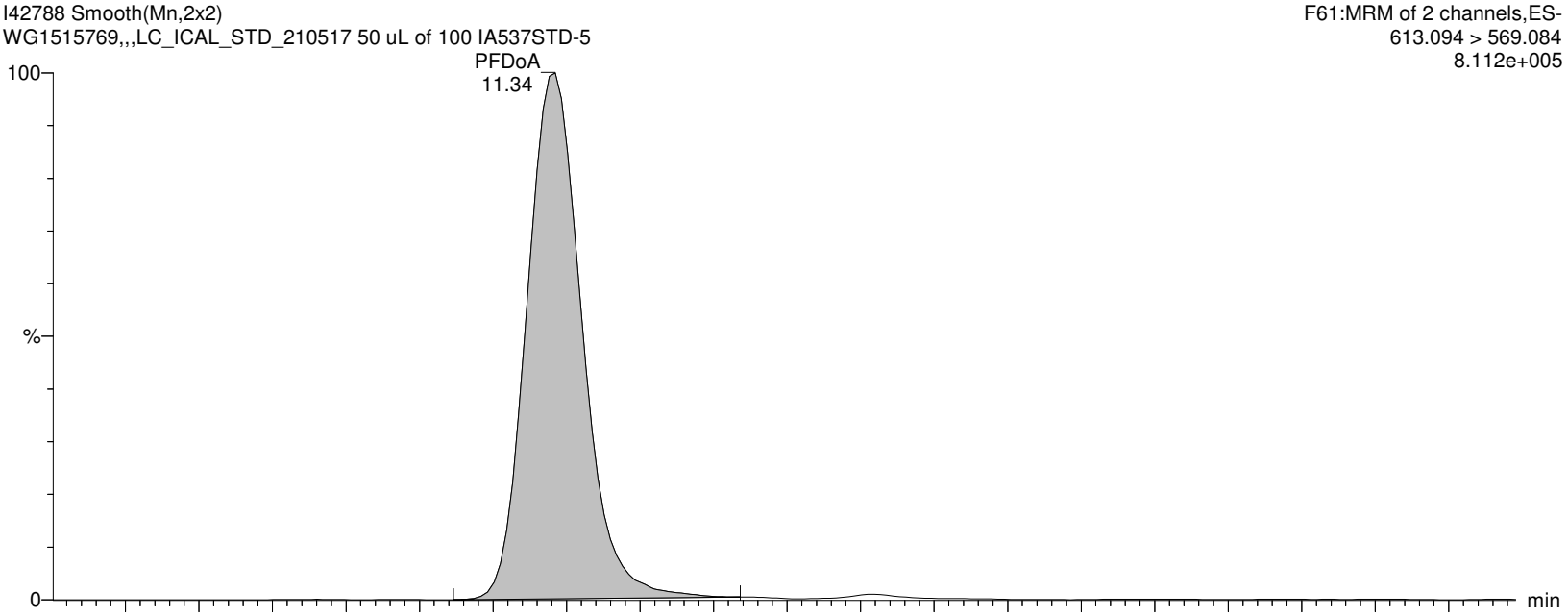


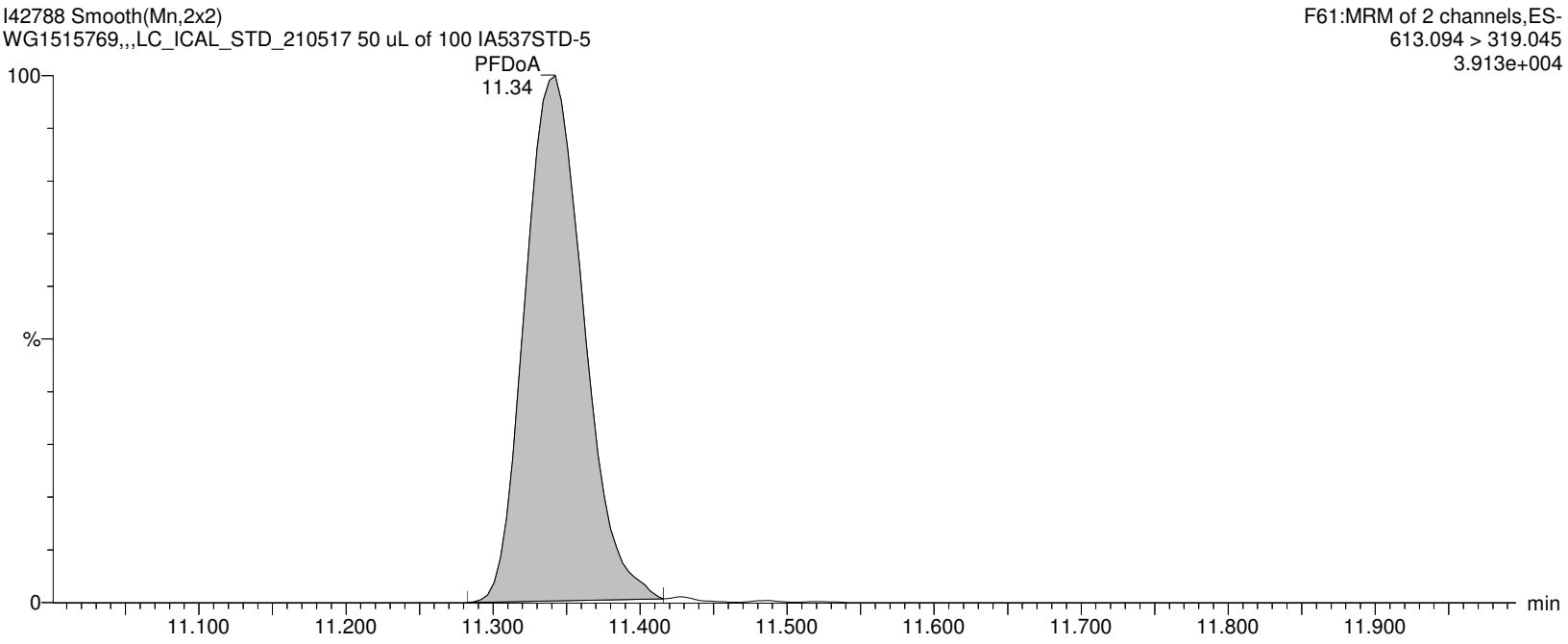
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoA



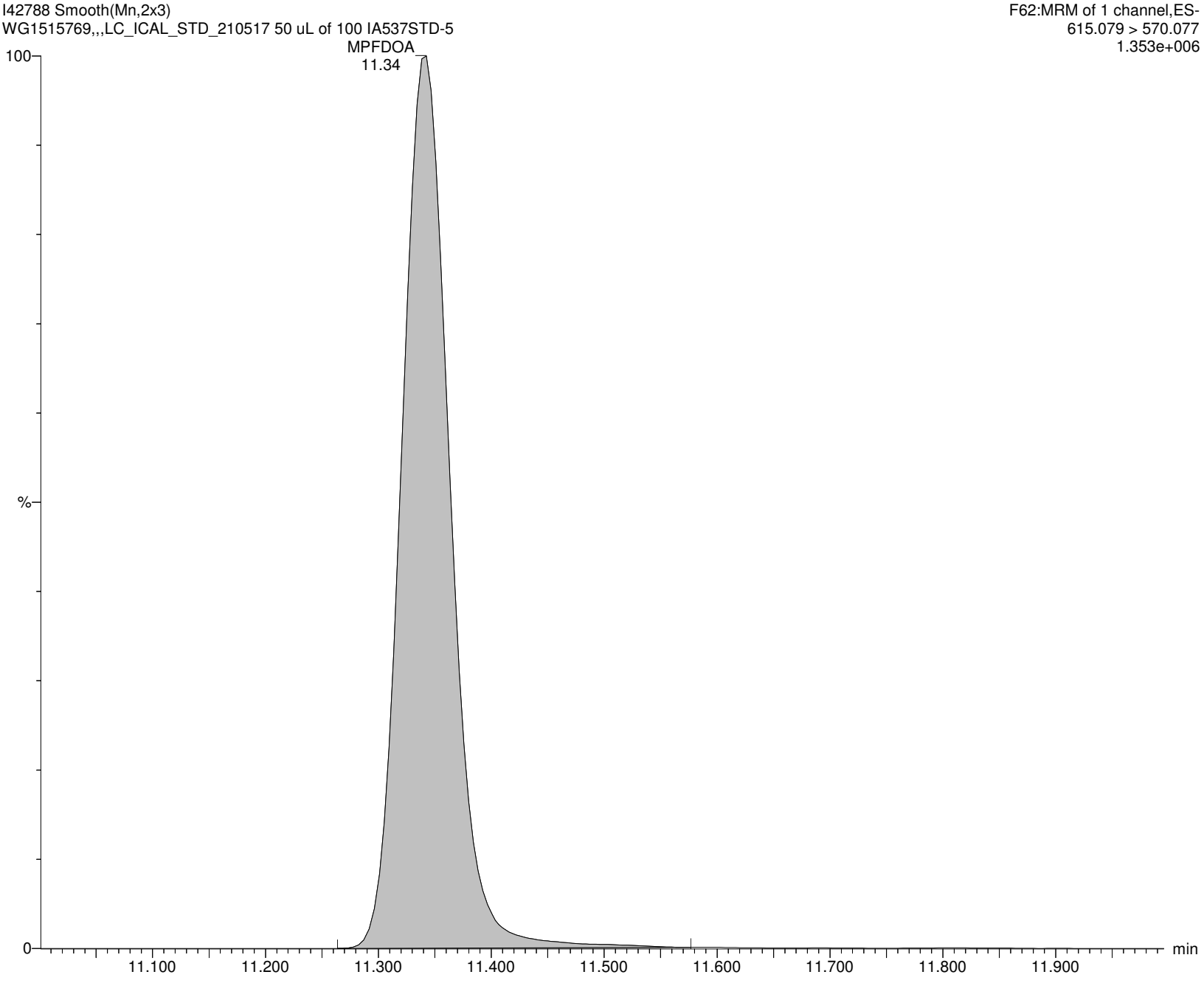


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFDOA

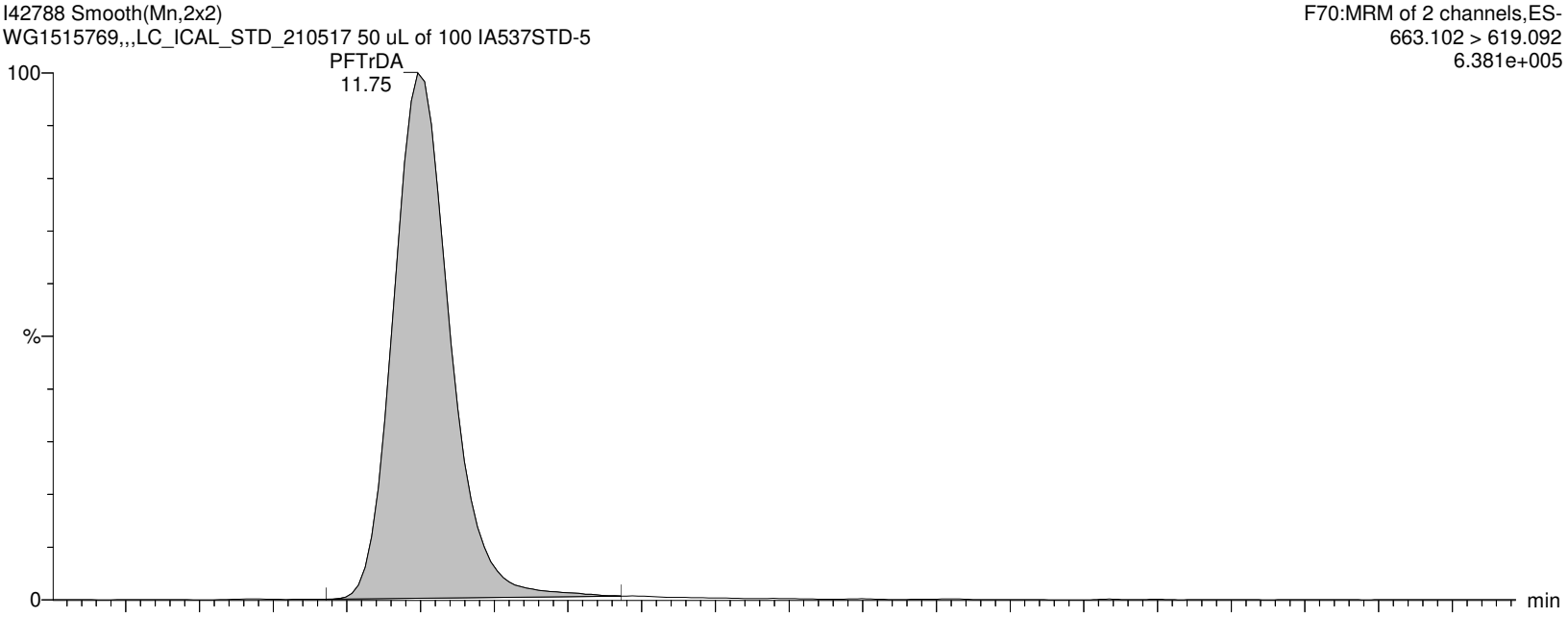


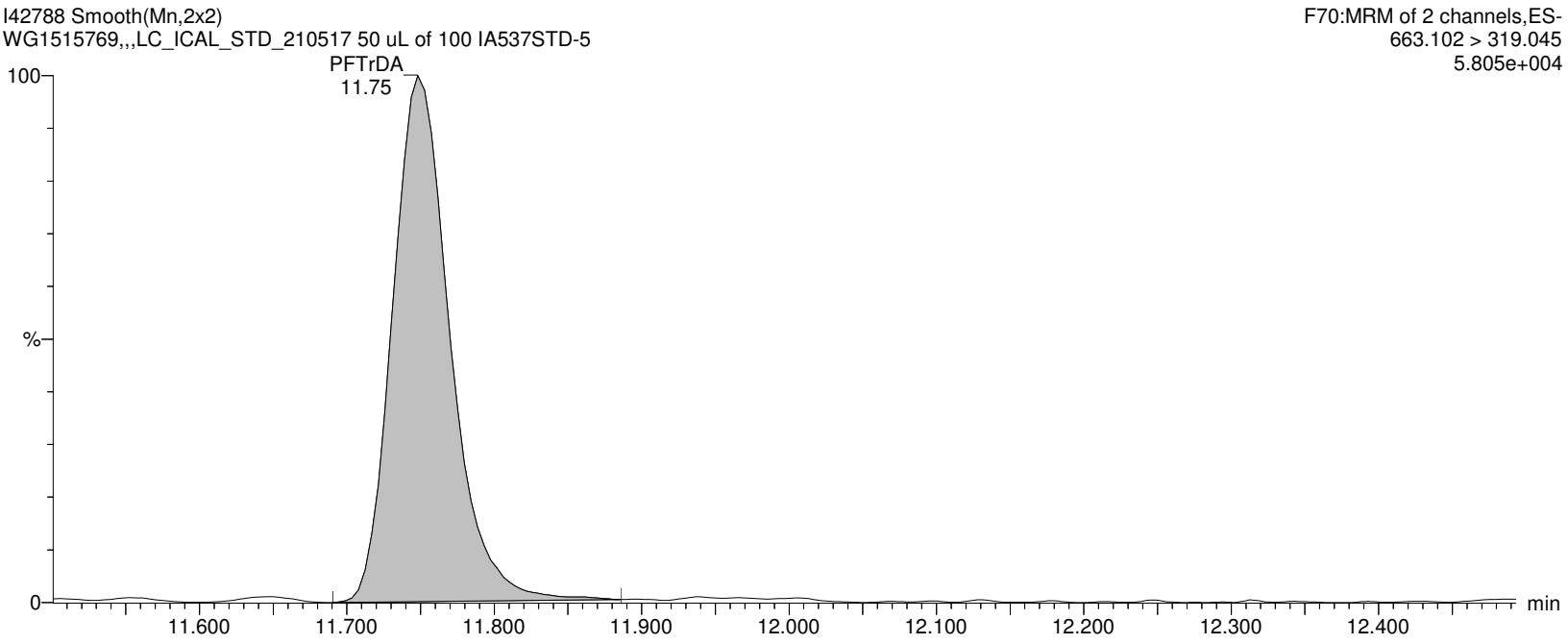
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTrDA



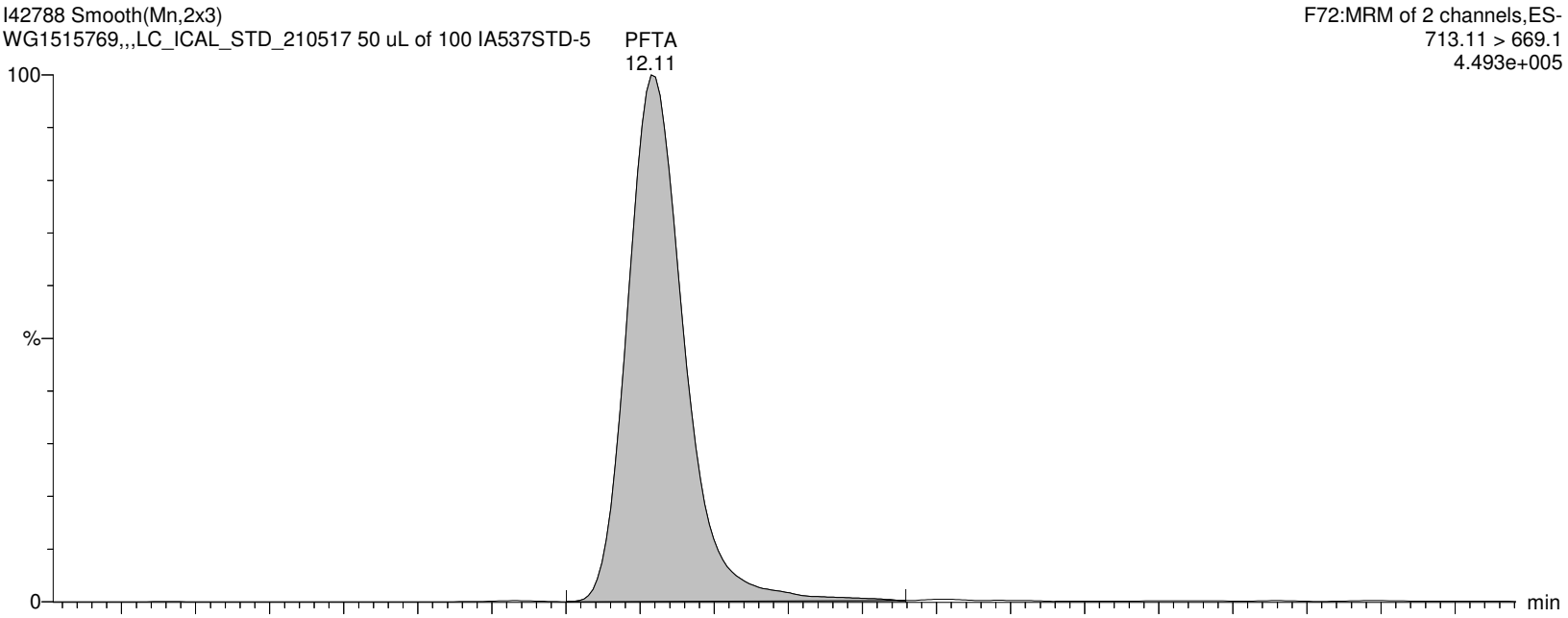


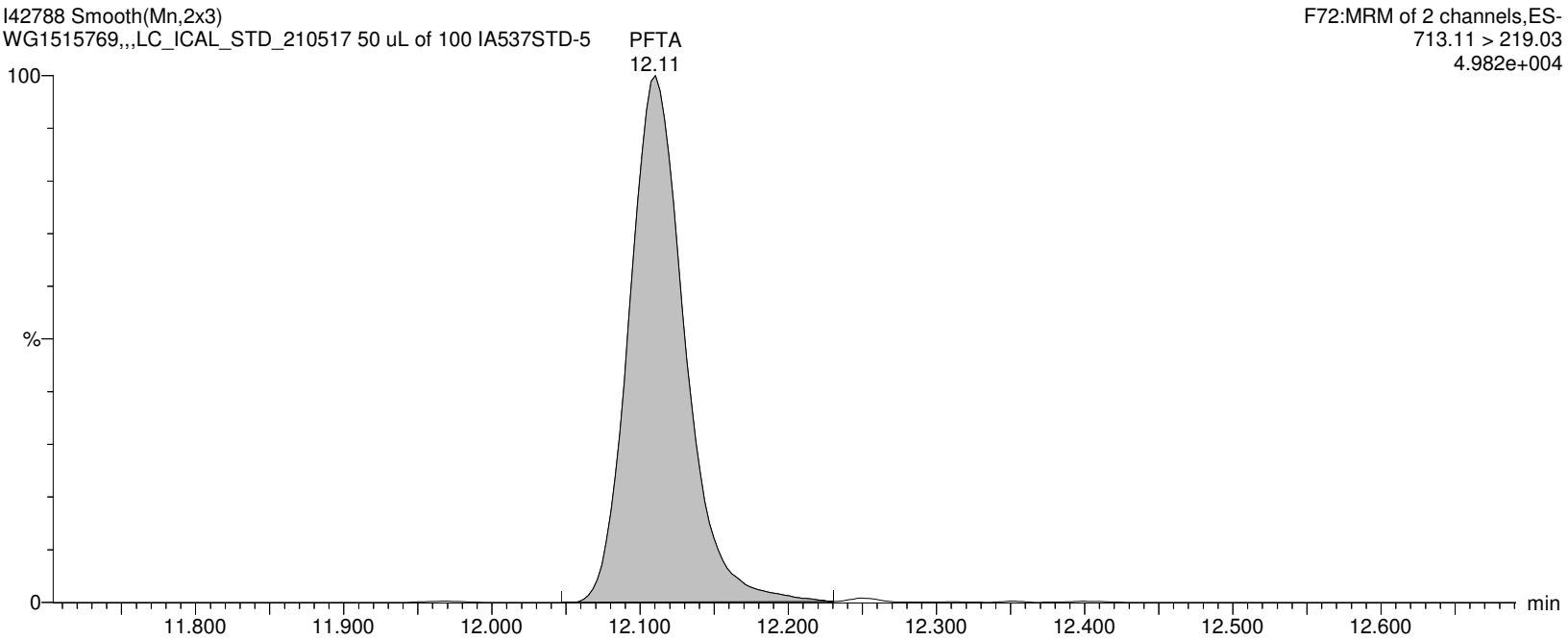
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTA



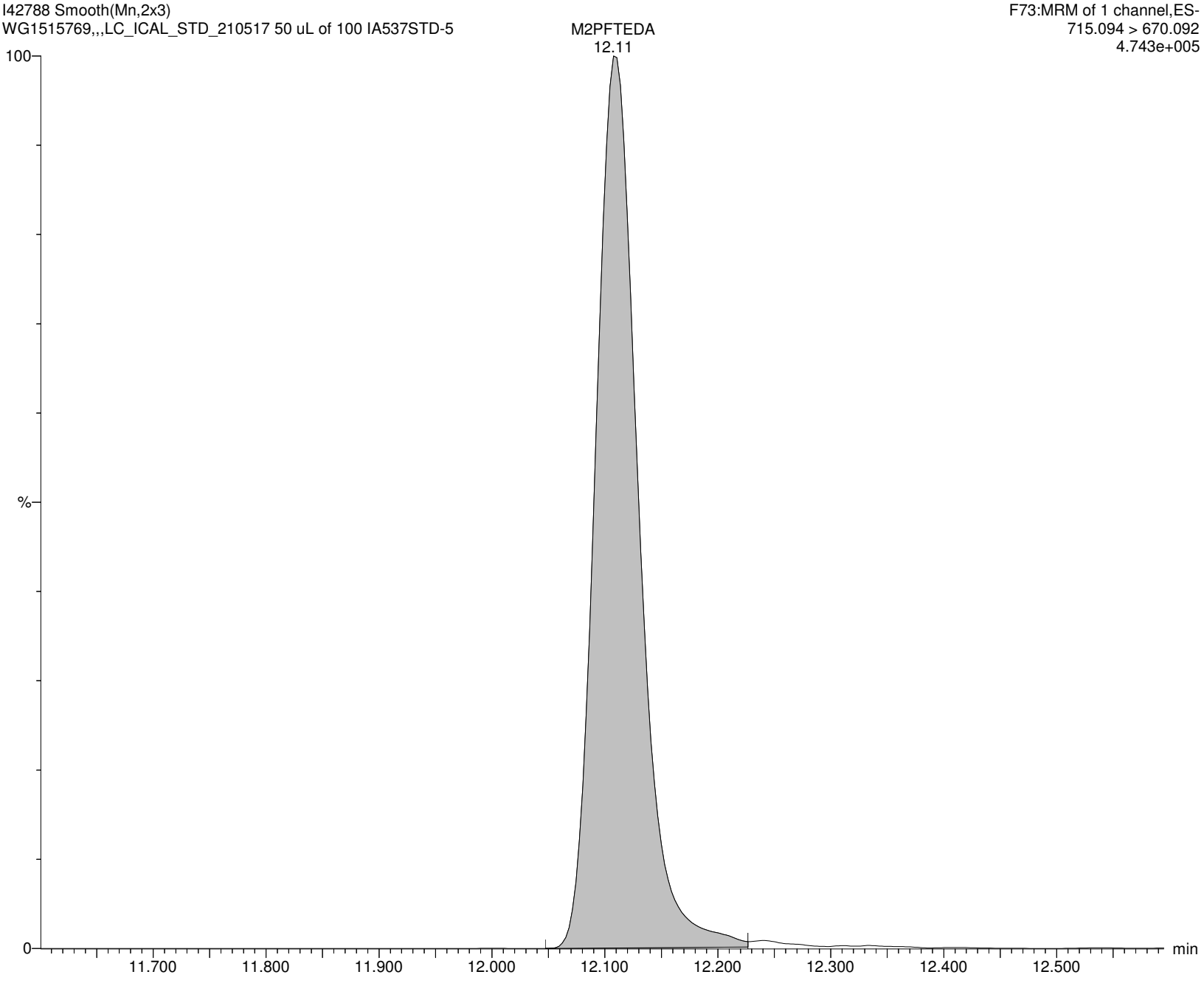


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFTEDA

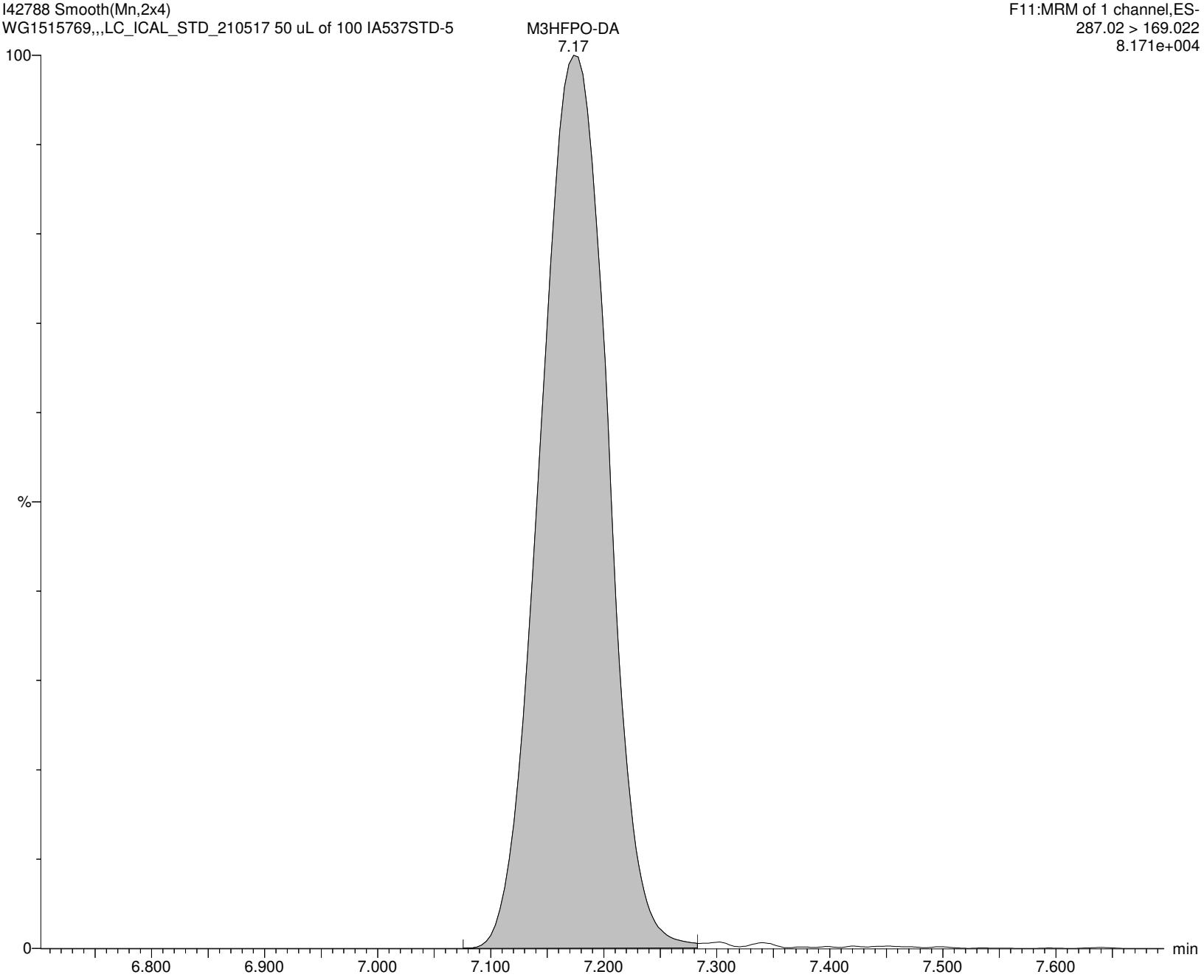


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3HFPO-DA

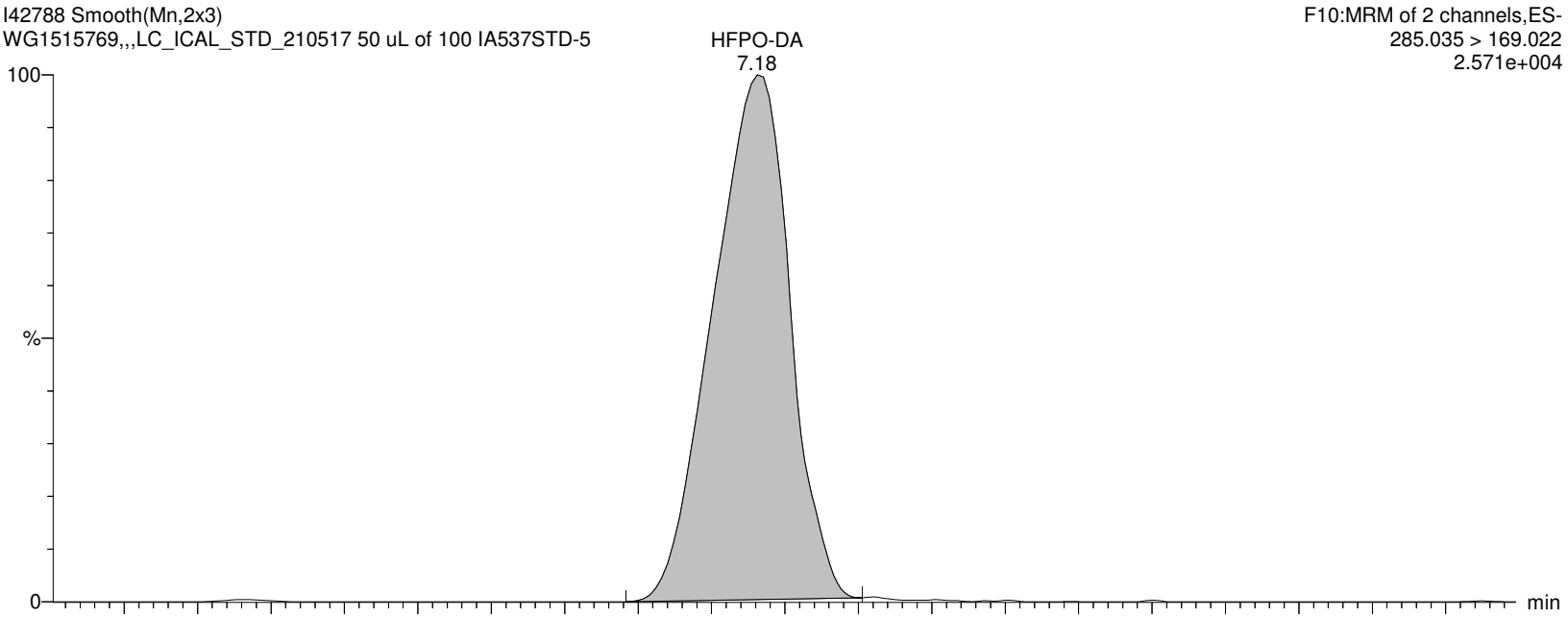


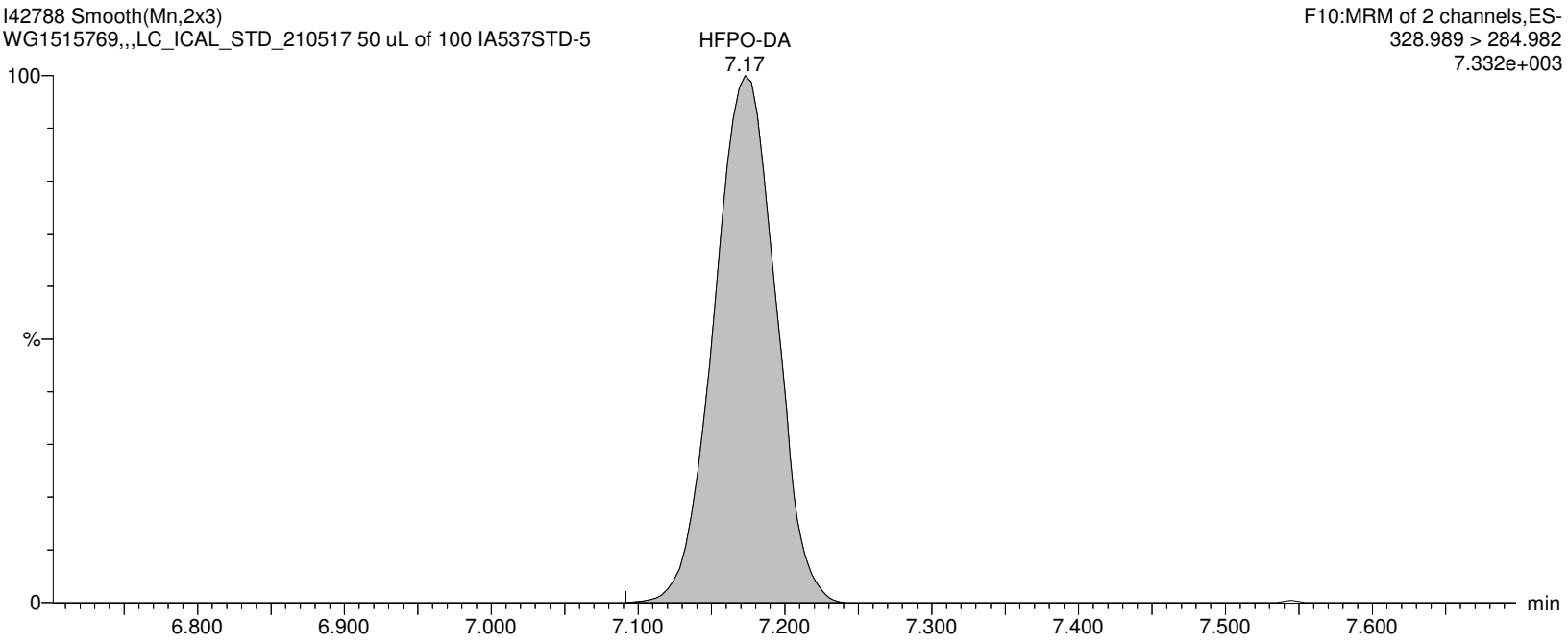
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

HFPO-DA



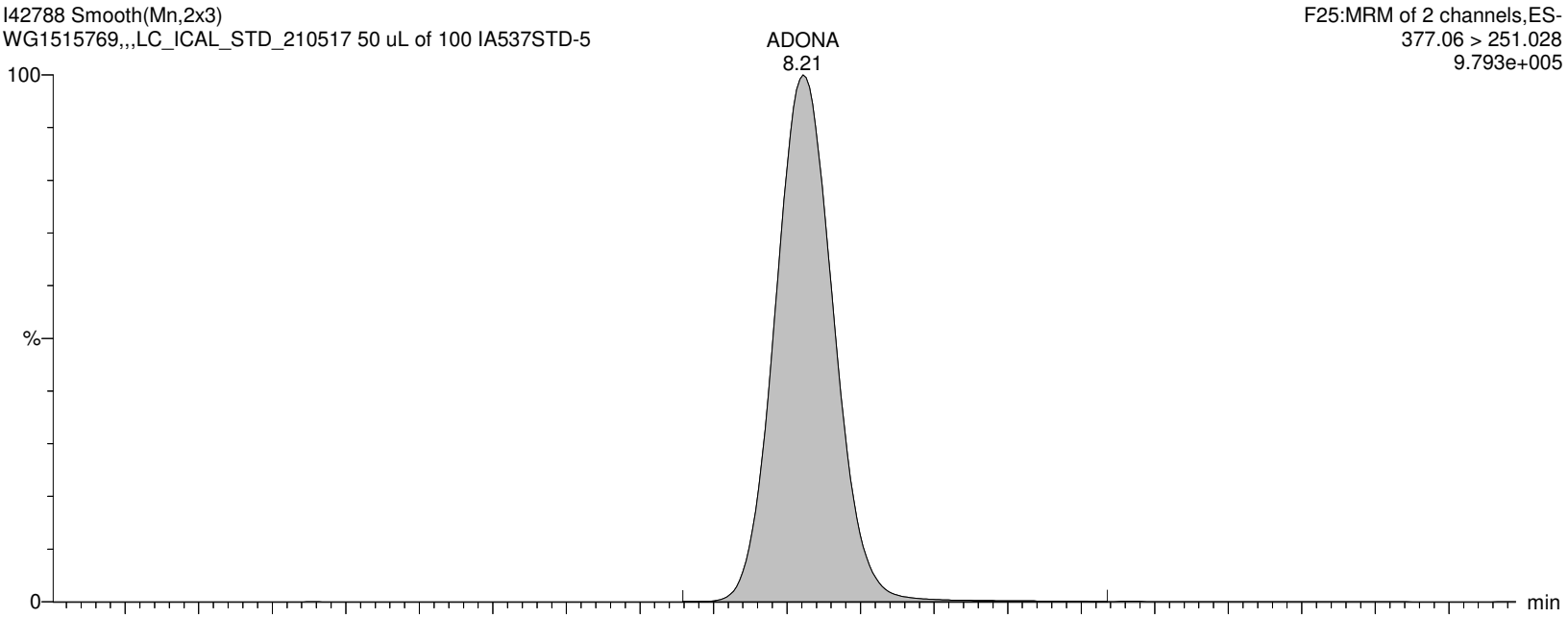


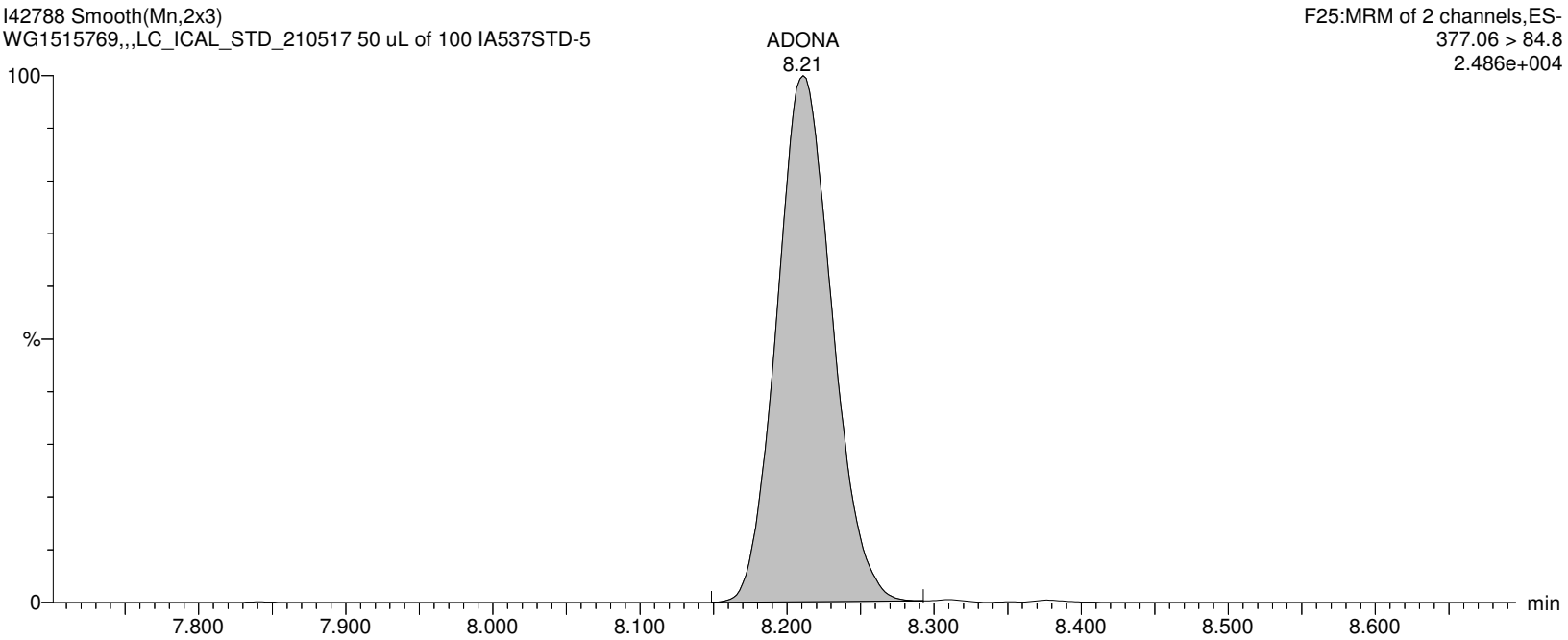
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

ADONA



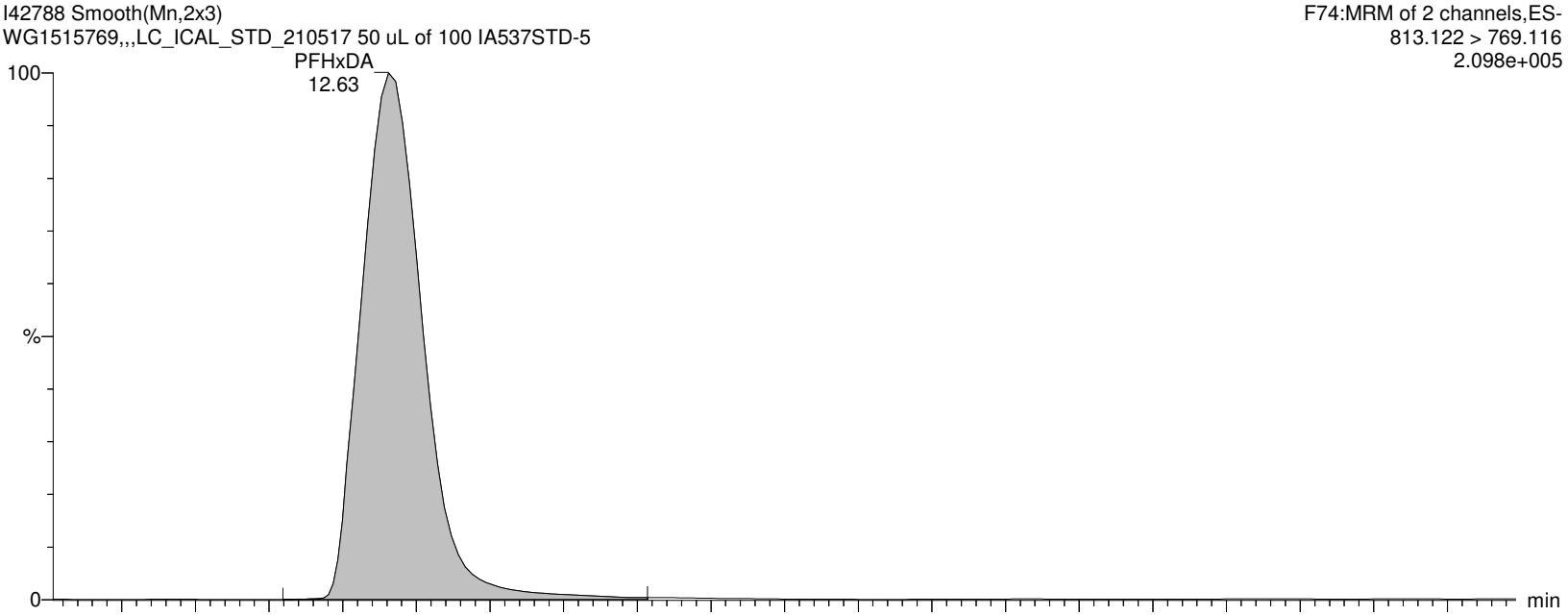


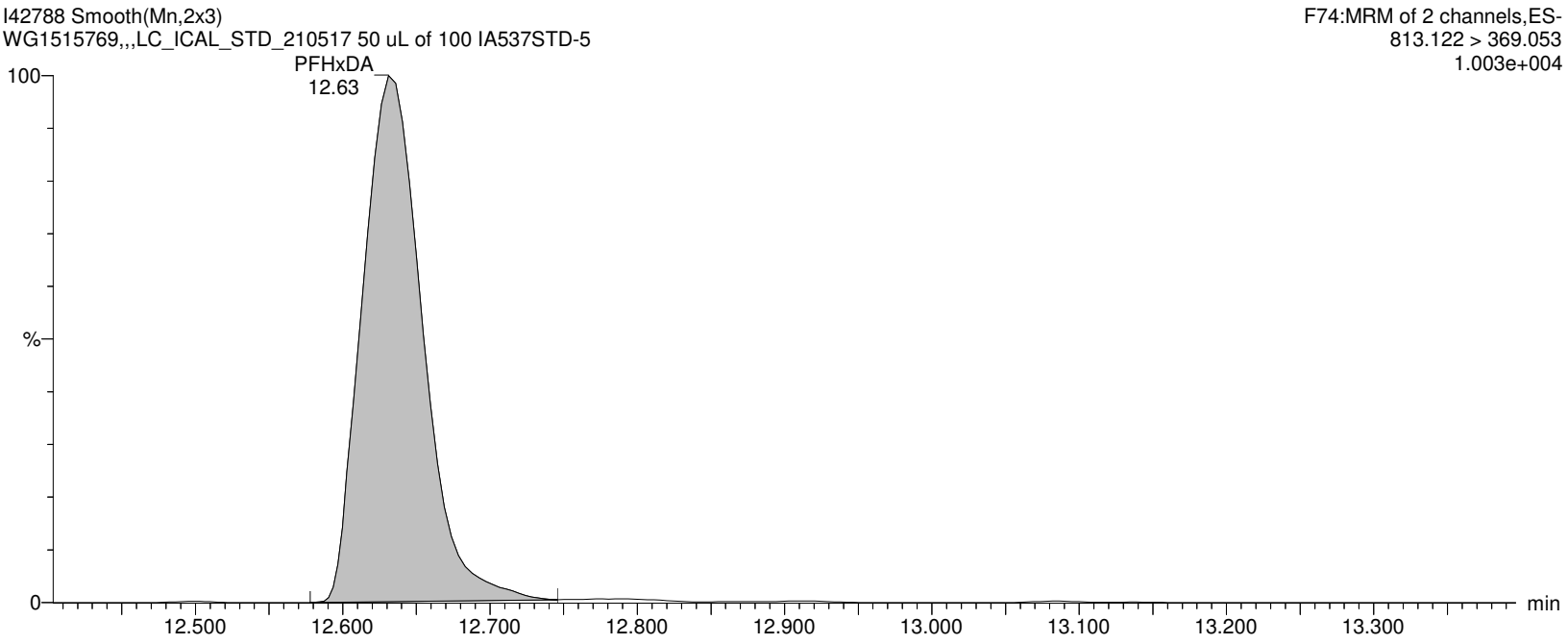
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxDA



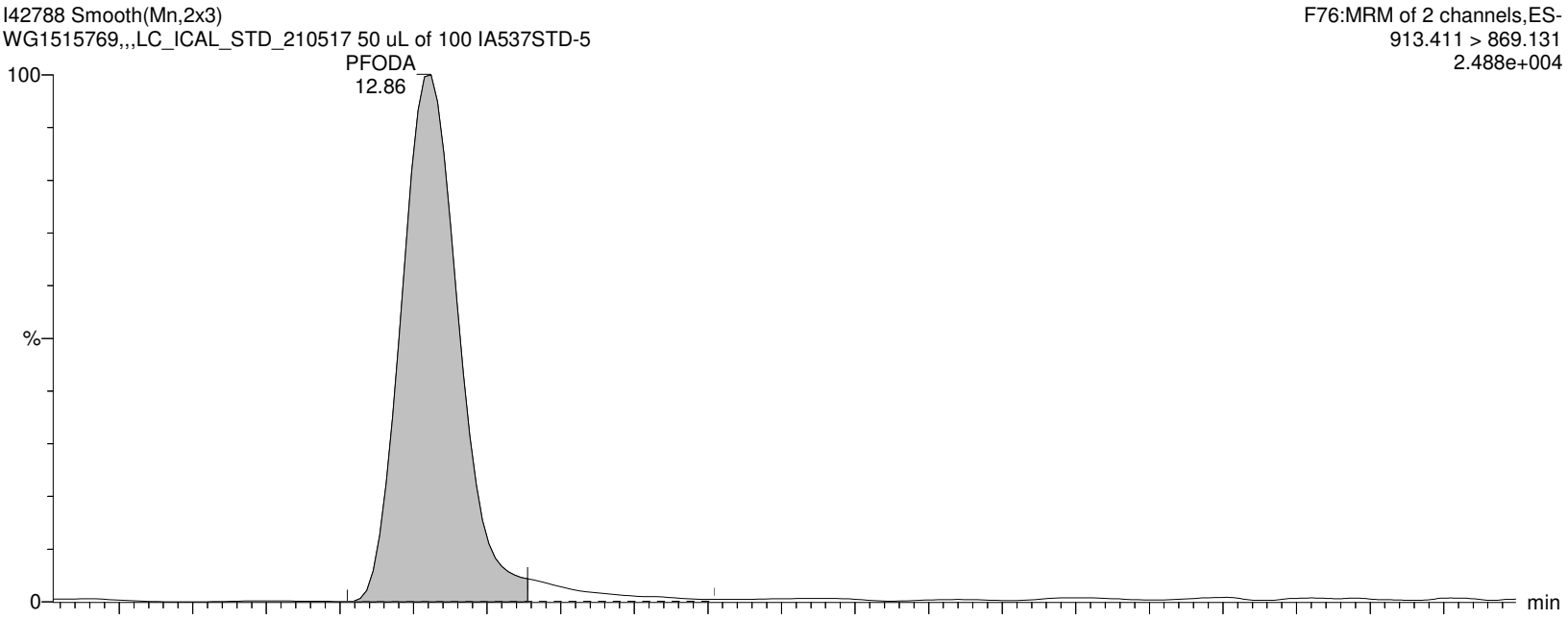


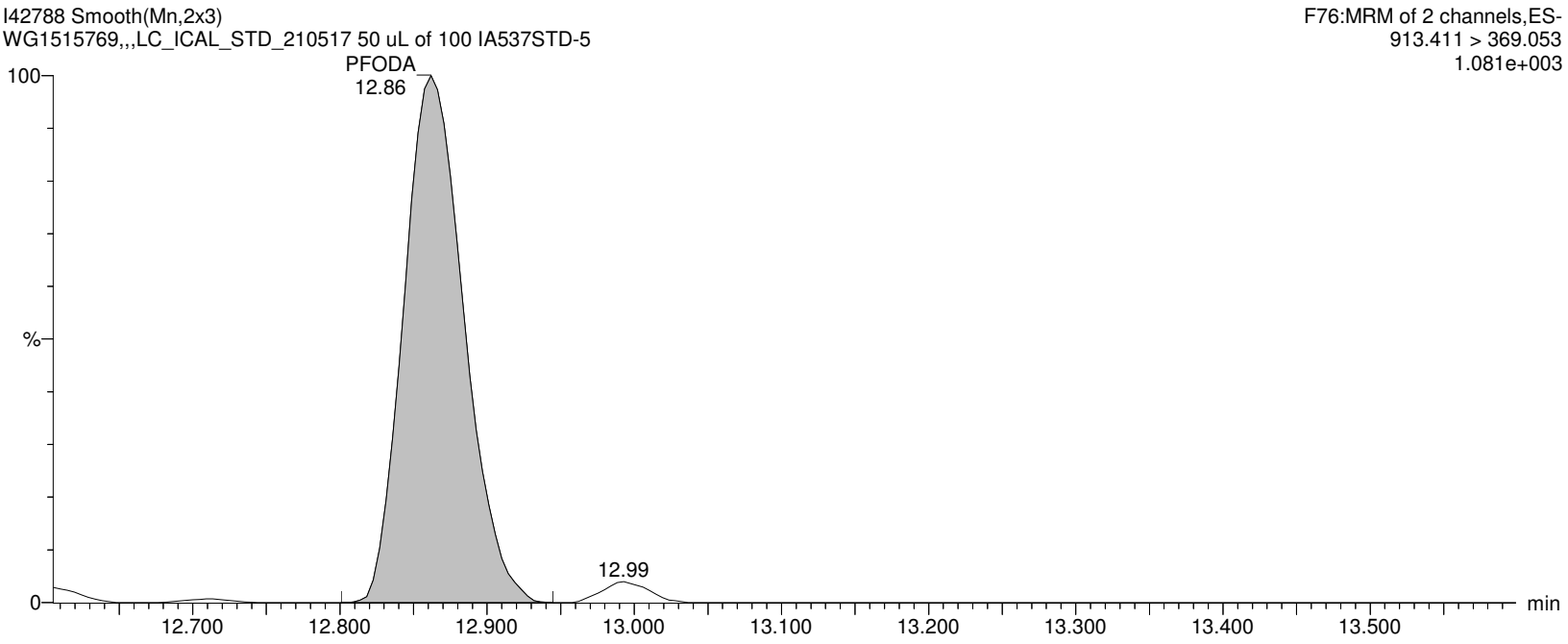
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFODA



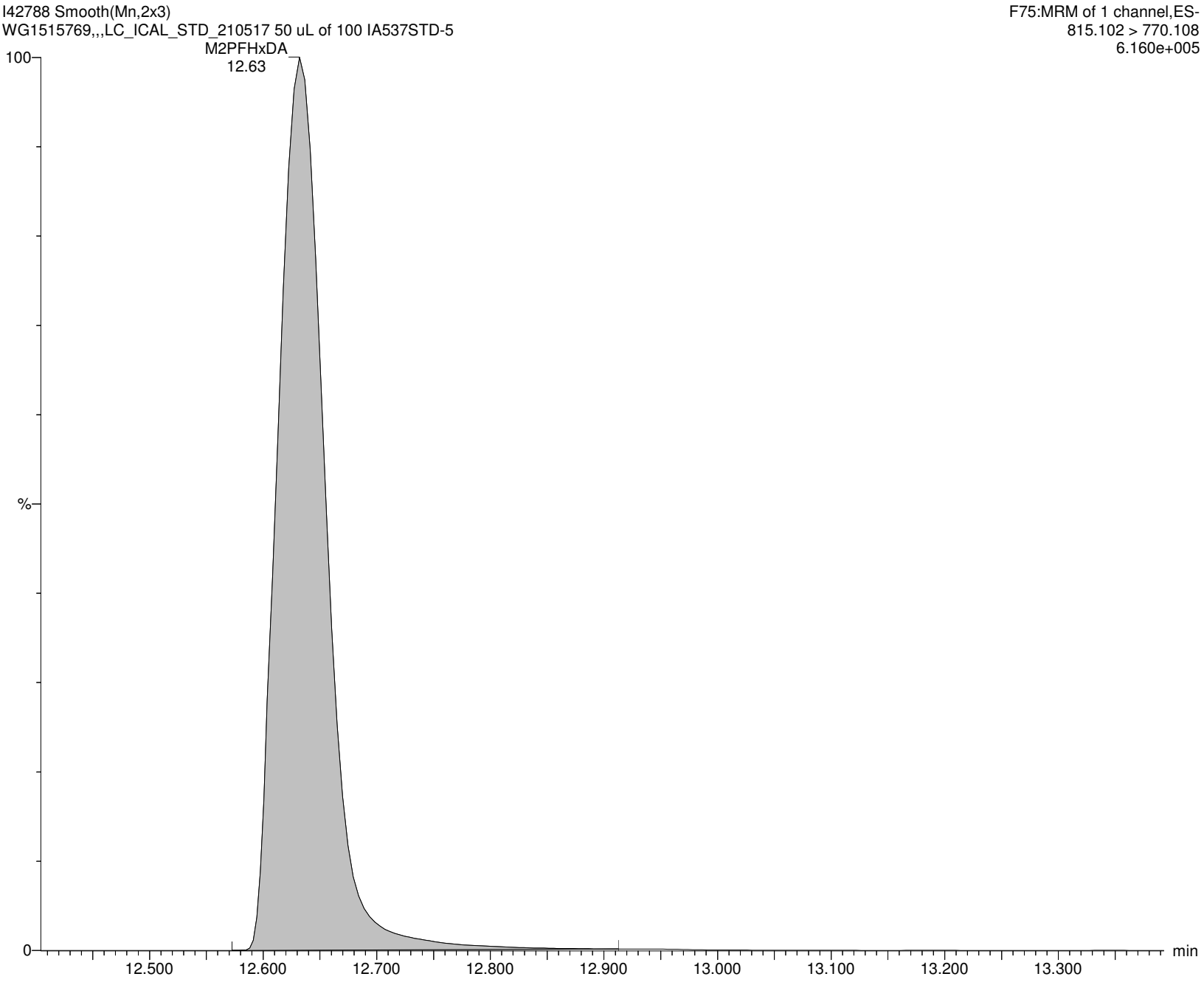


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFHxDA

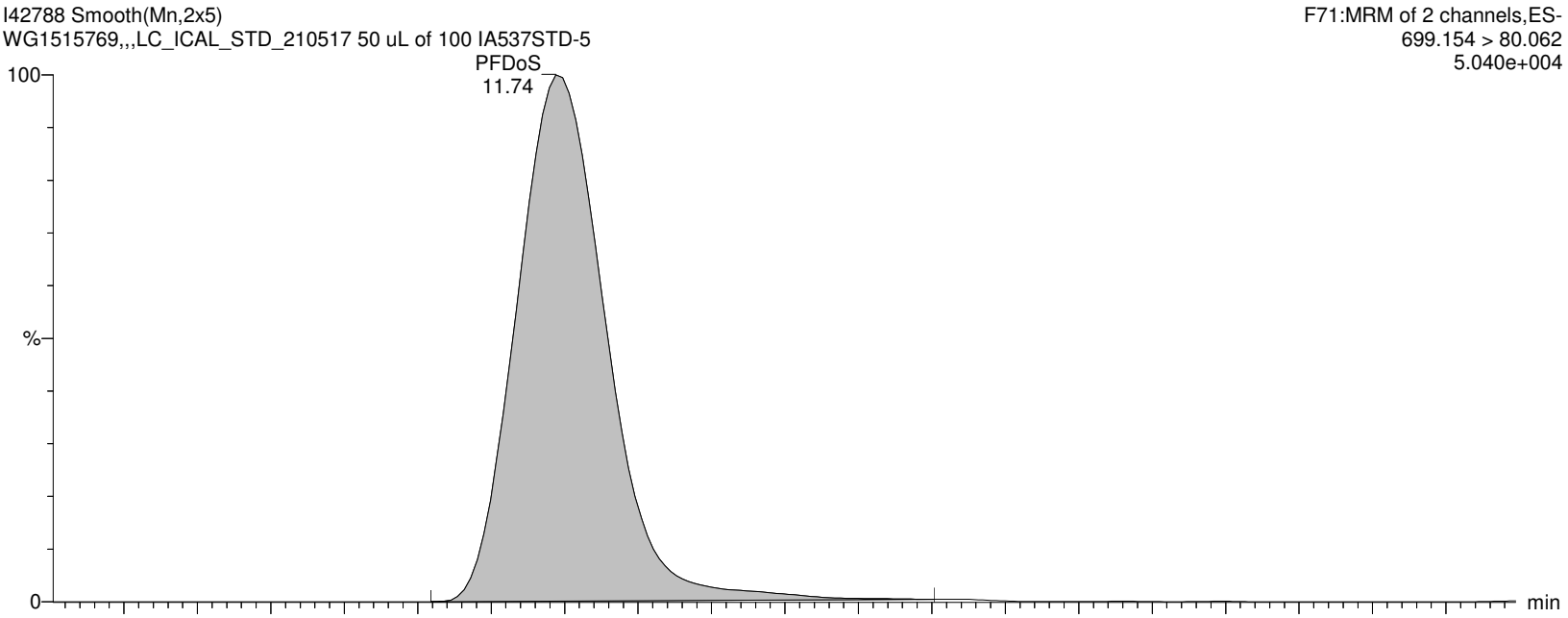


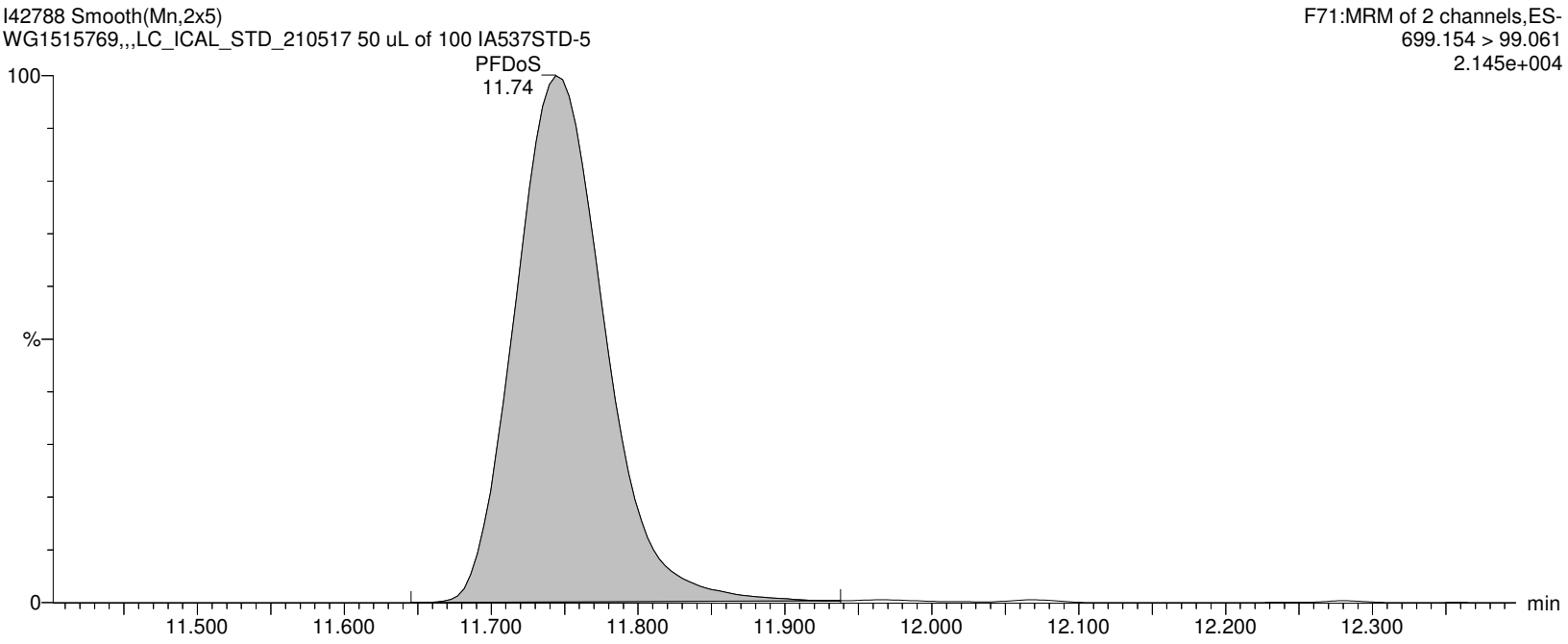
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoS



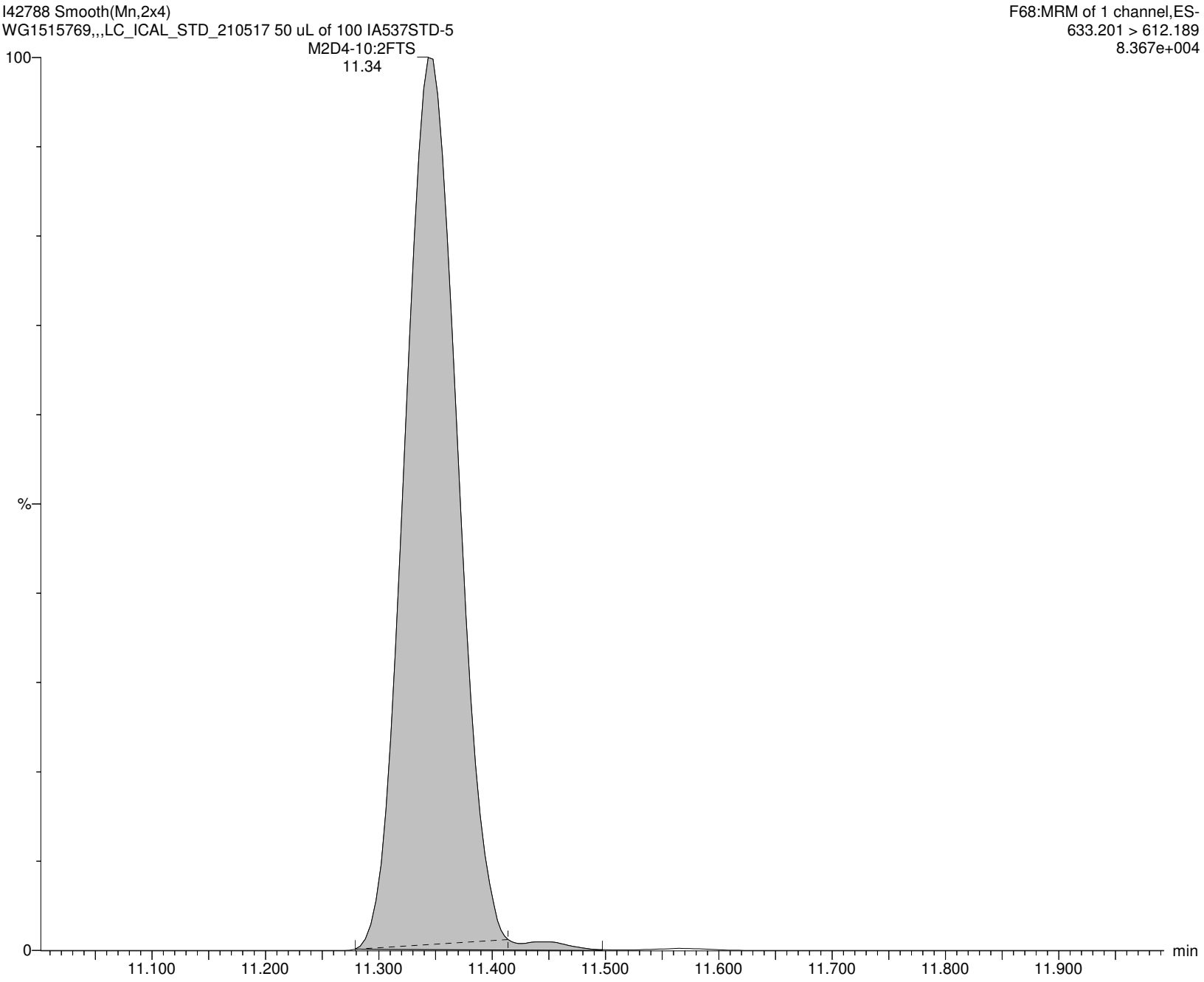


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2D4-10:2FTS

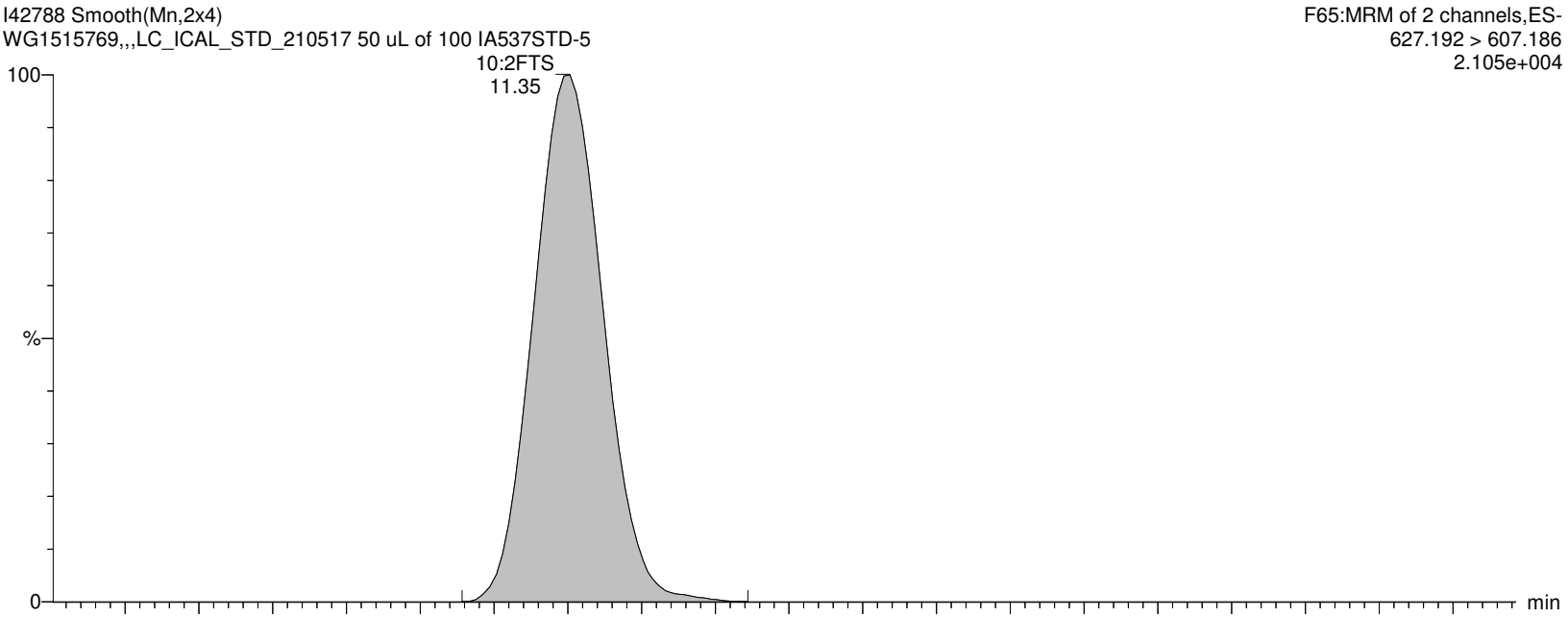


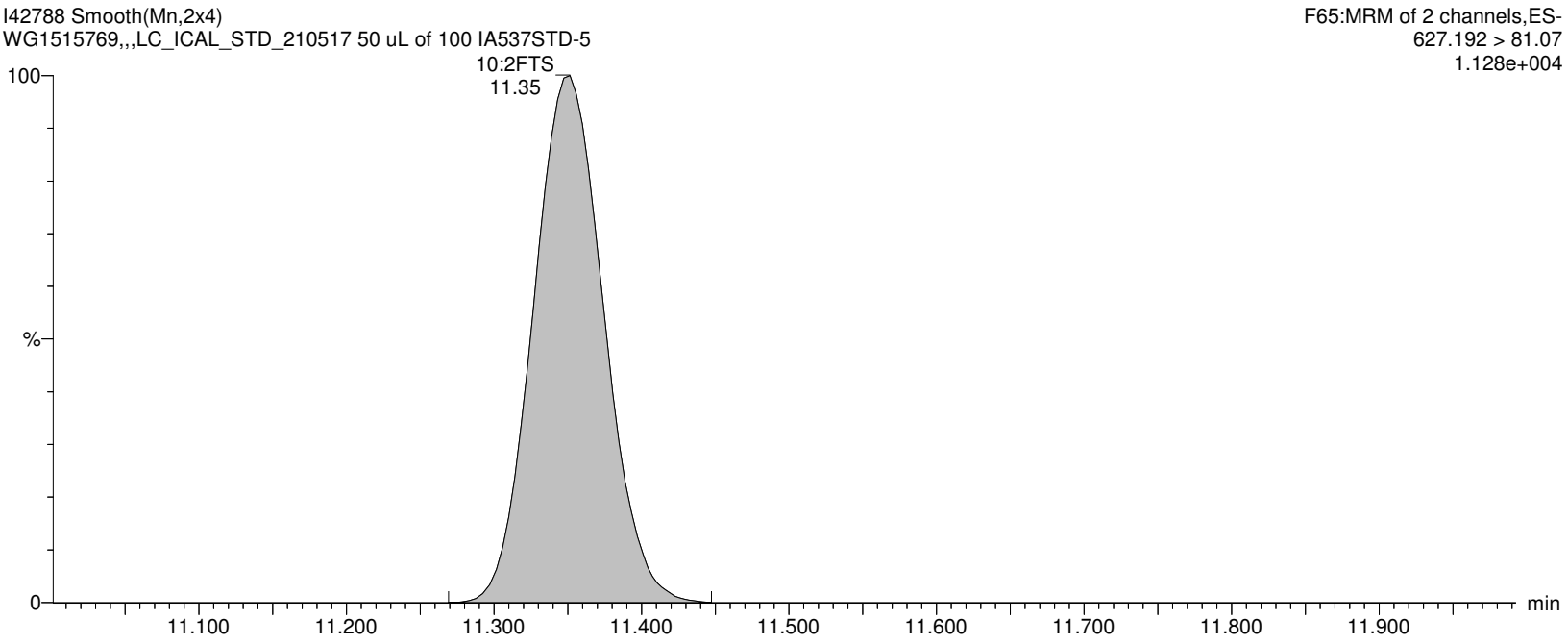
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

10:2FTS



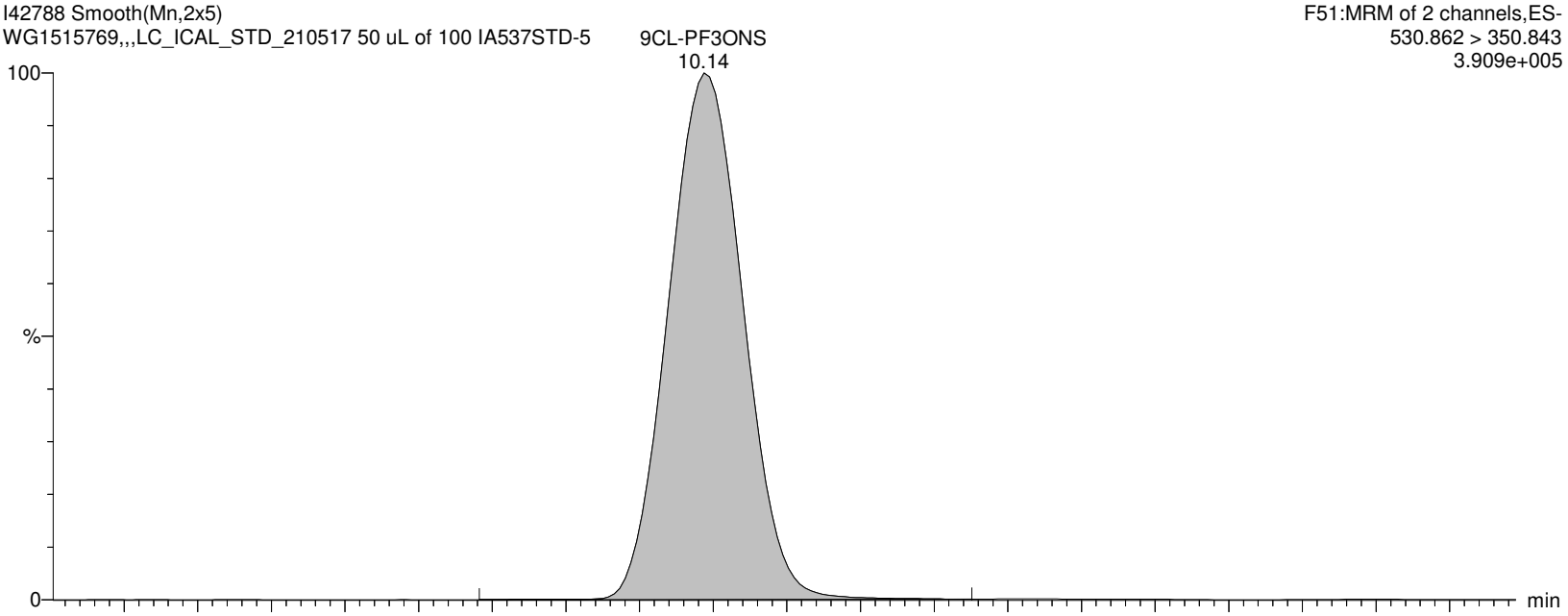


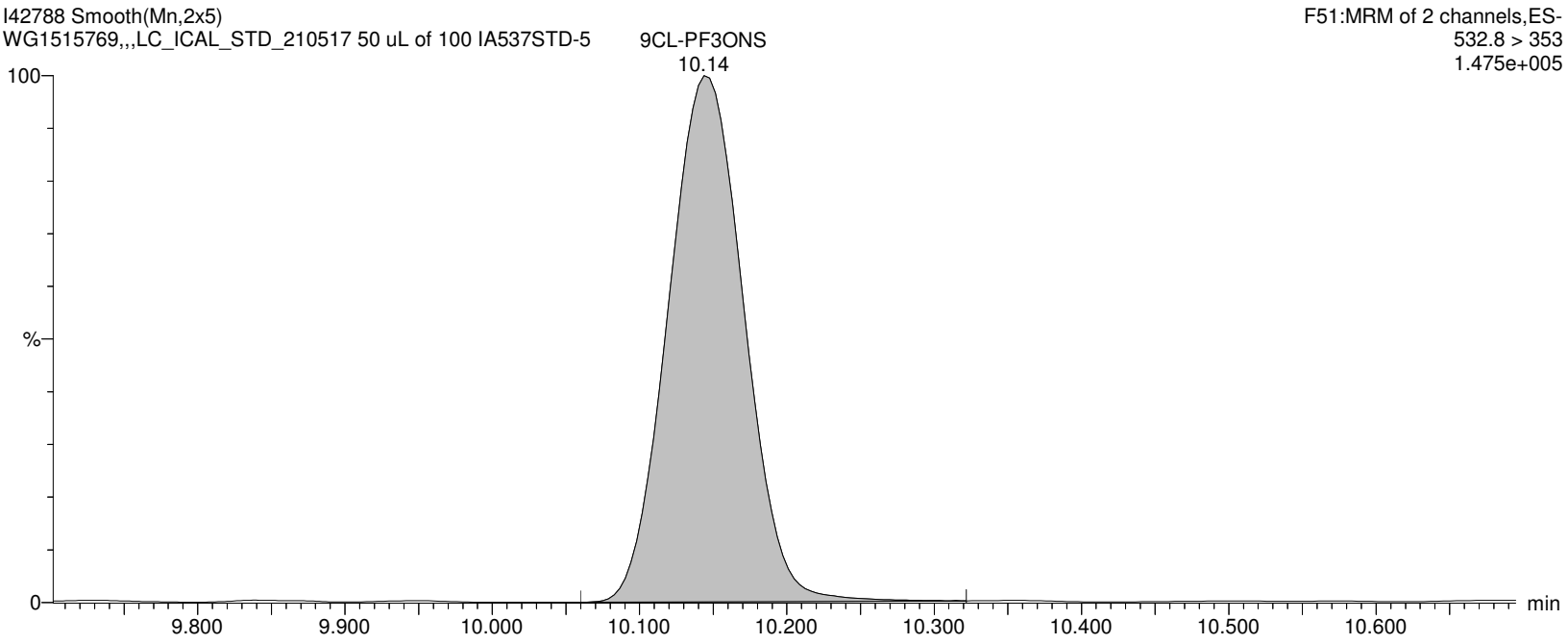
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

9CL-PF3ONS



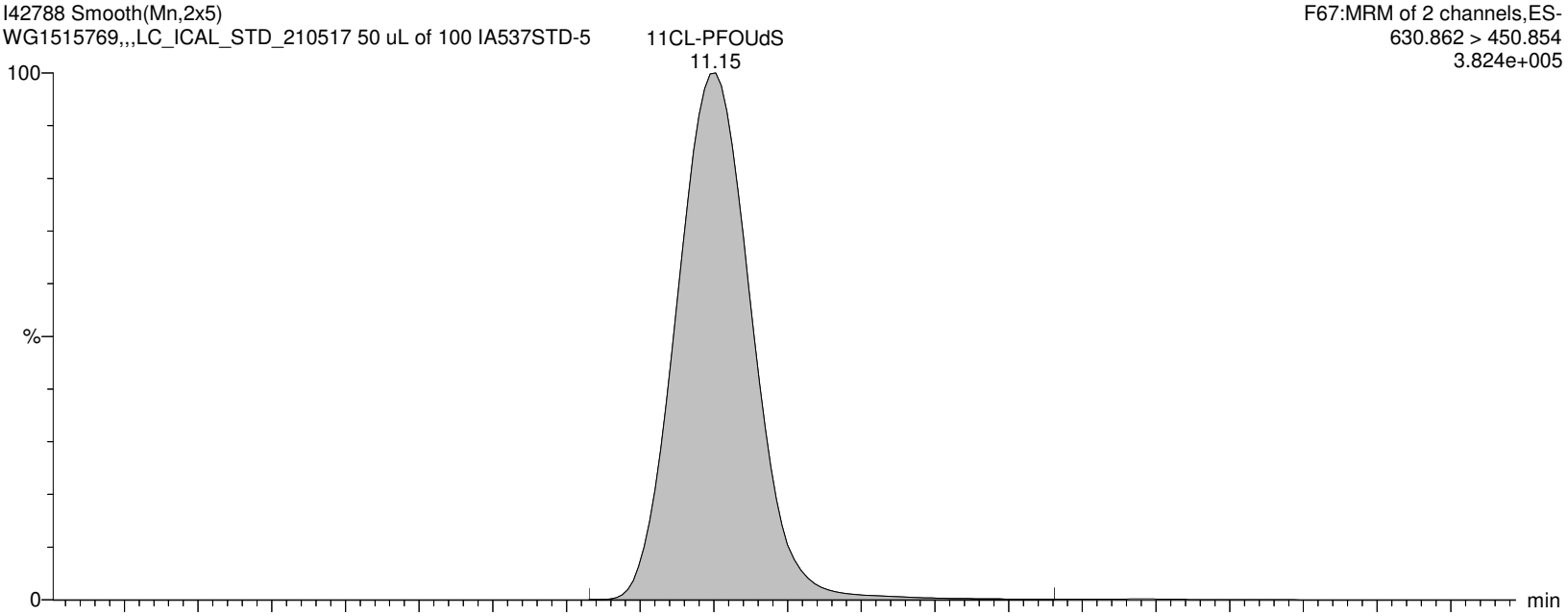


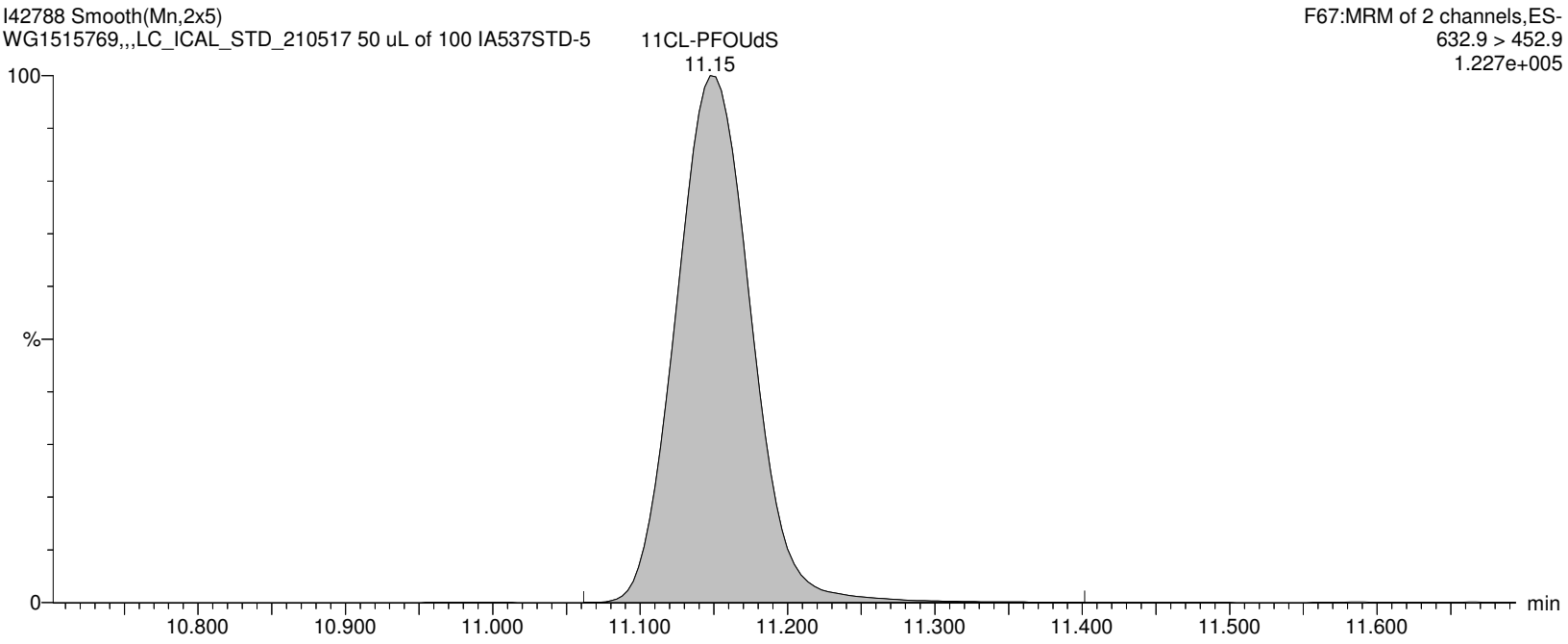
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

11CL-PFOUdS



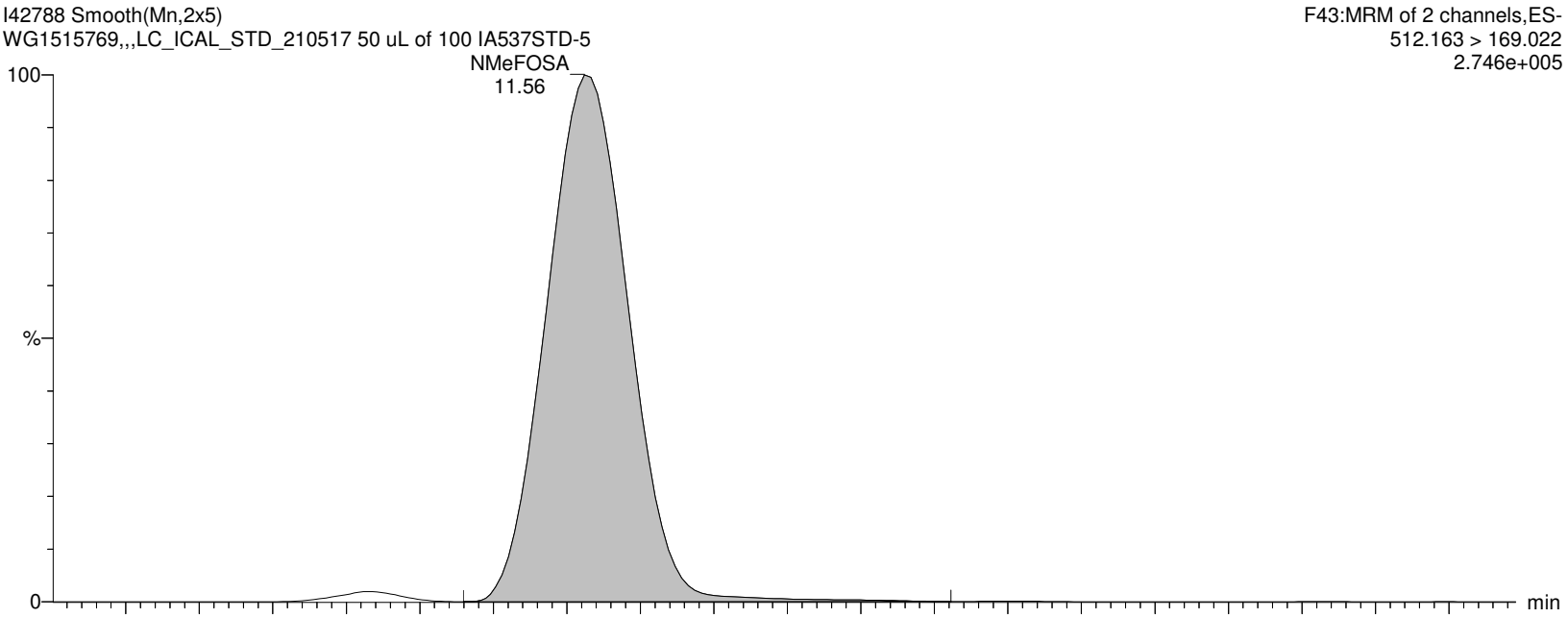


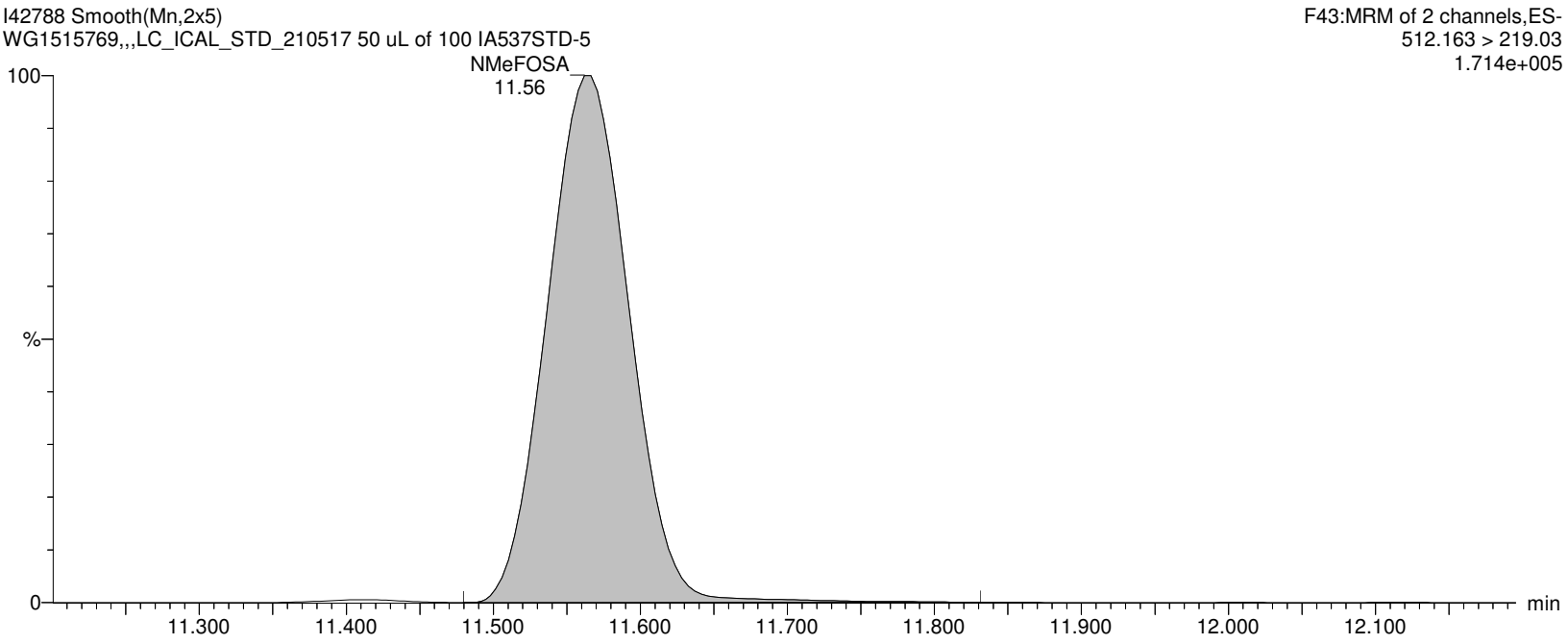
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSA



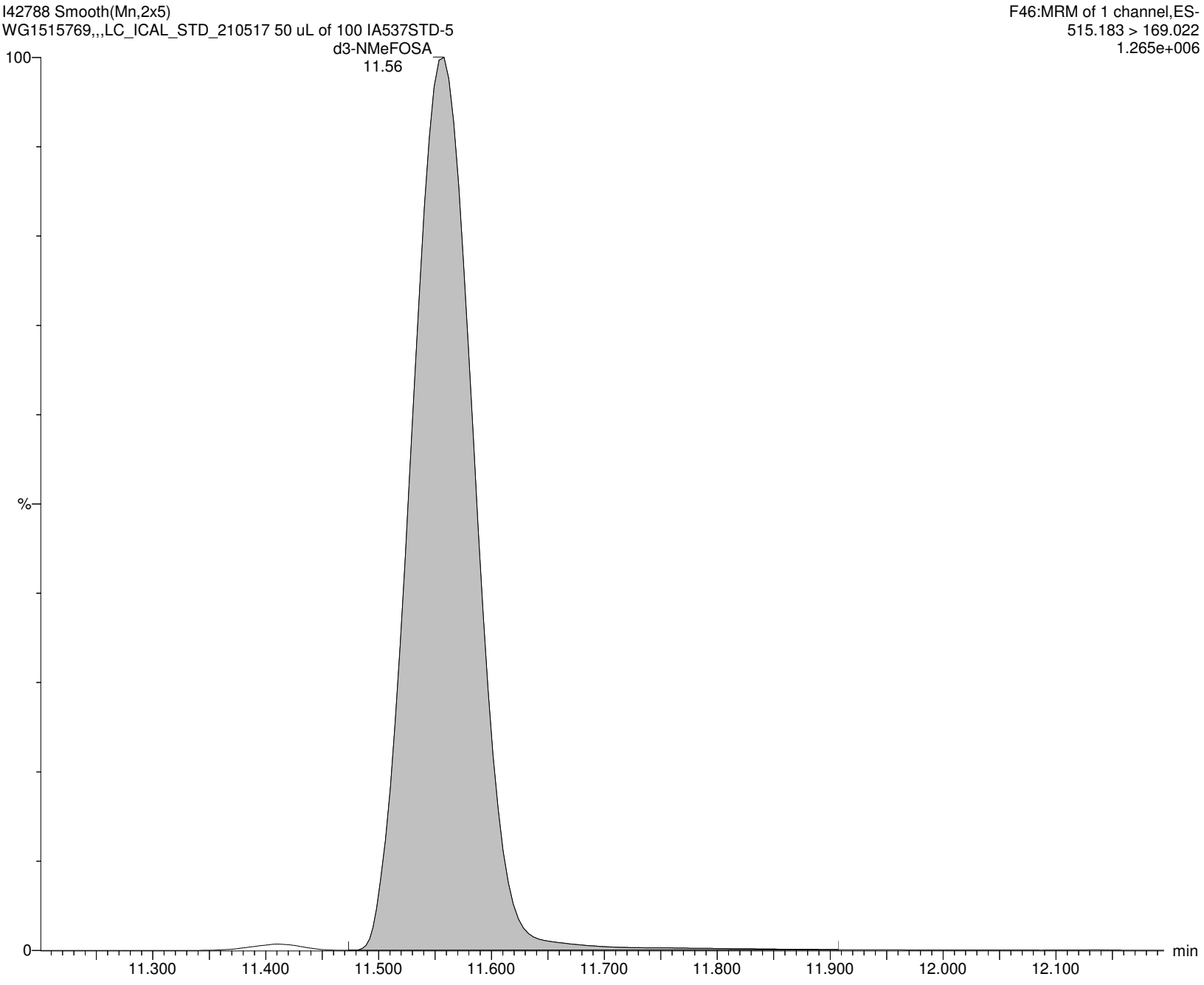


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSA

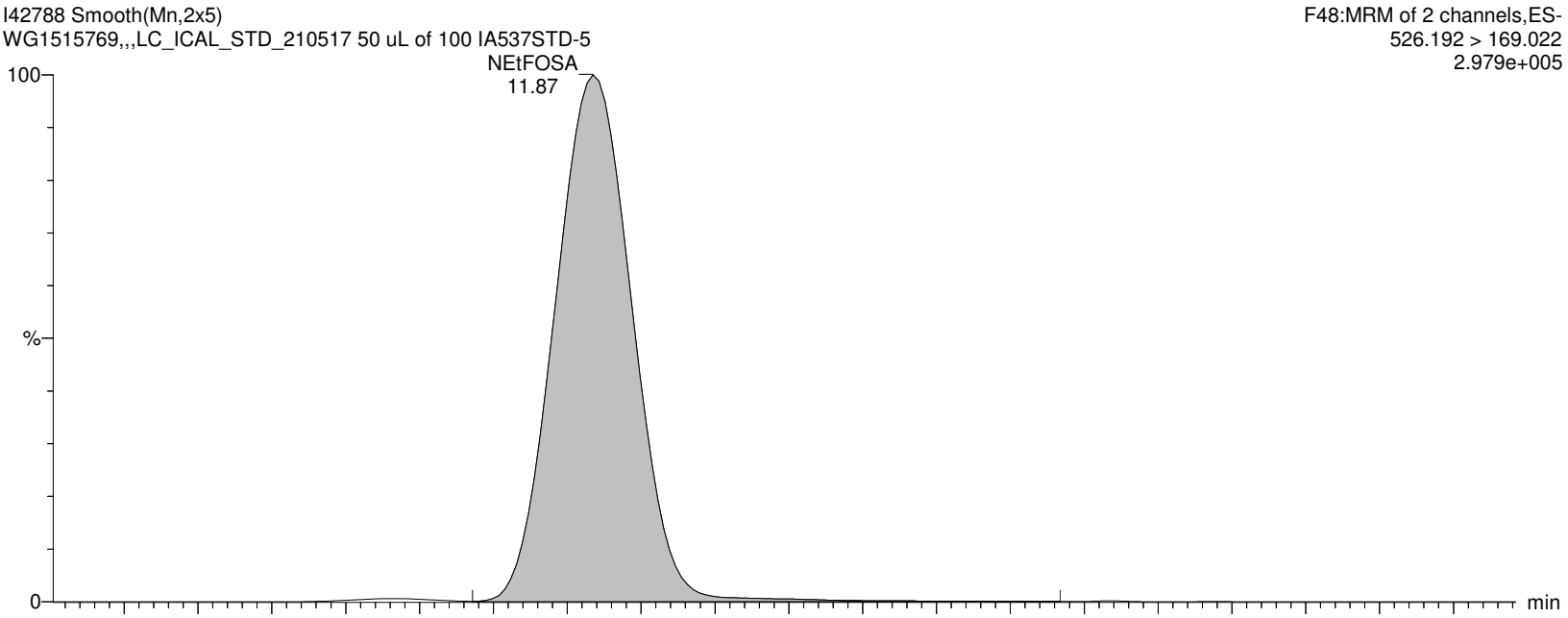


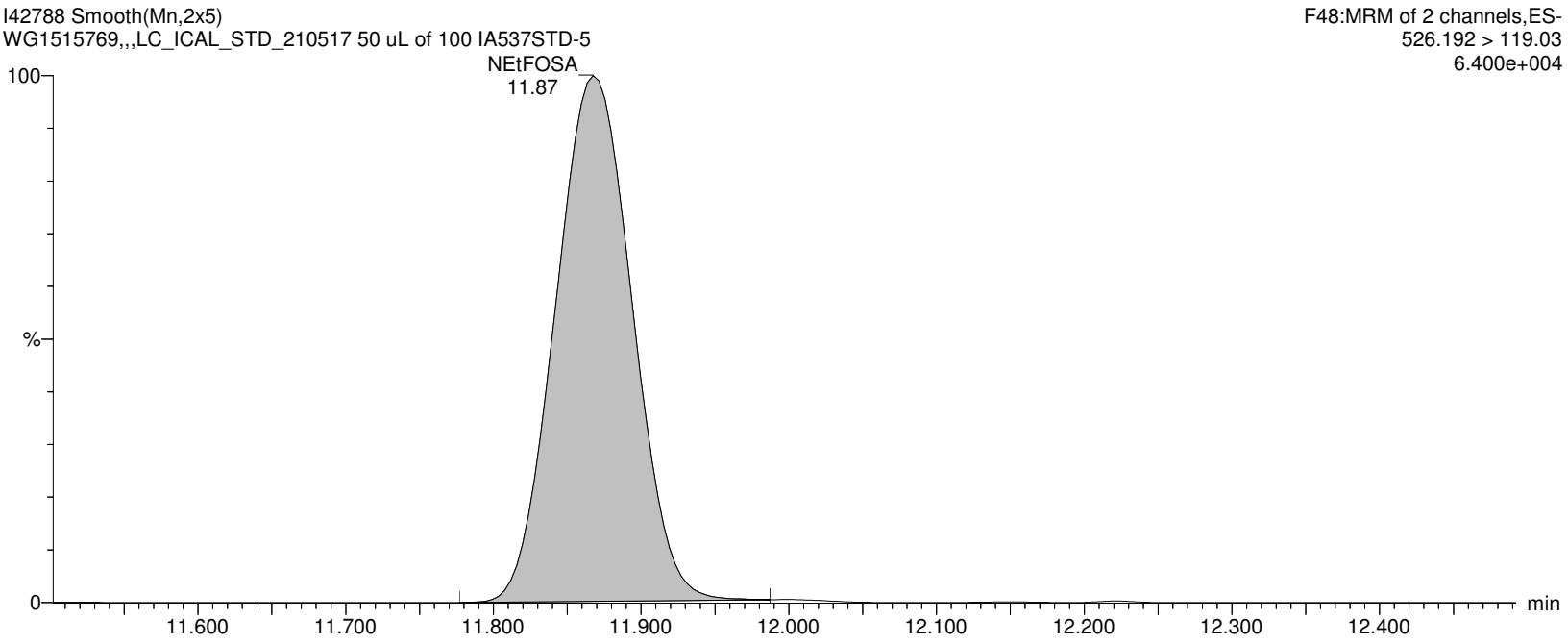
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSA



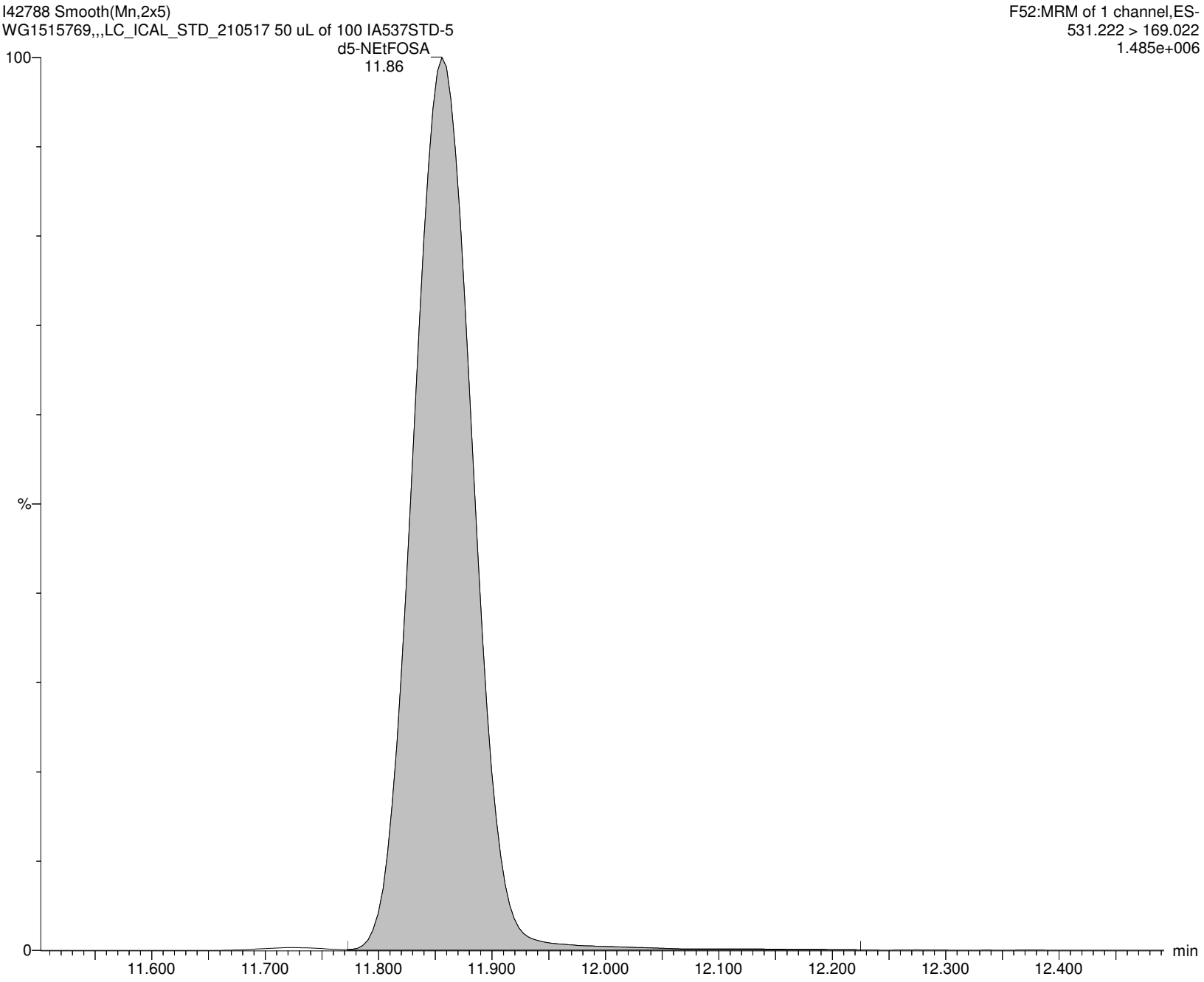


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSA

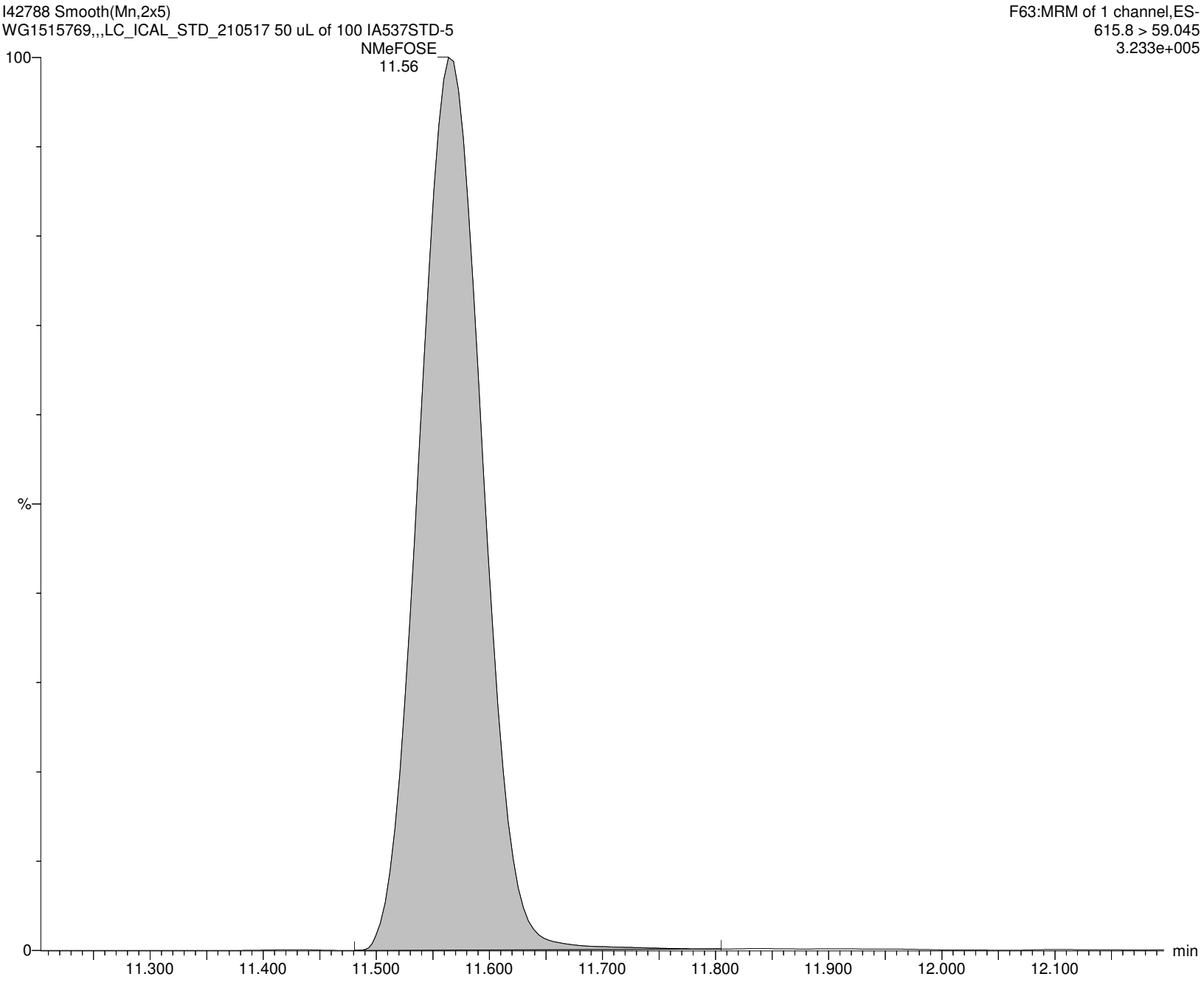


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSE

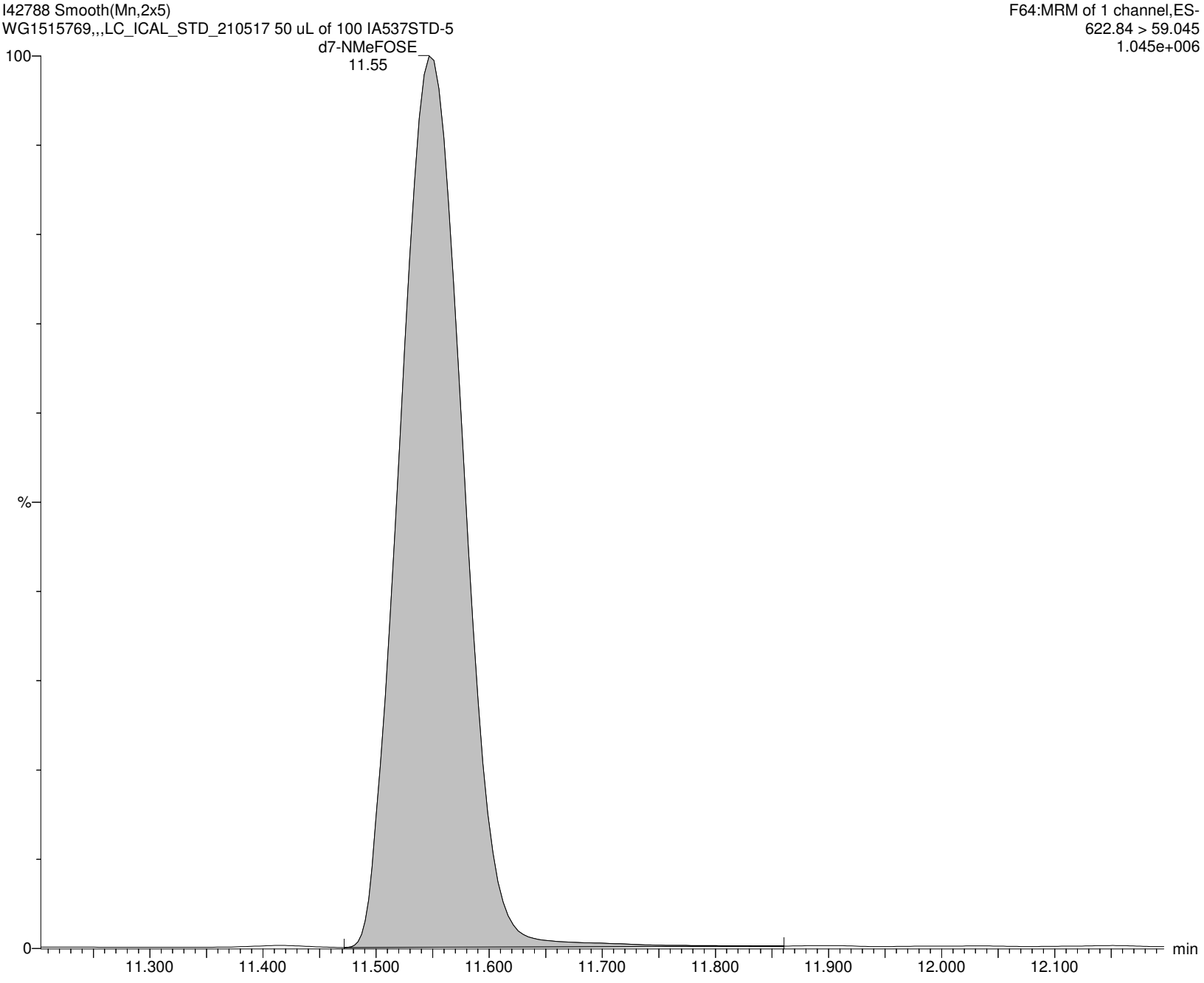


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d7-NMeFOSE

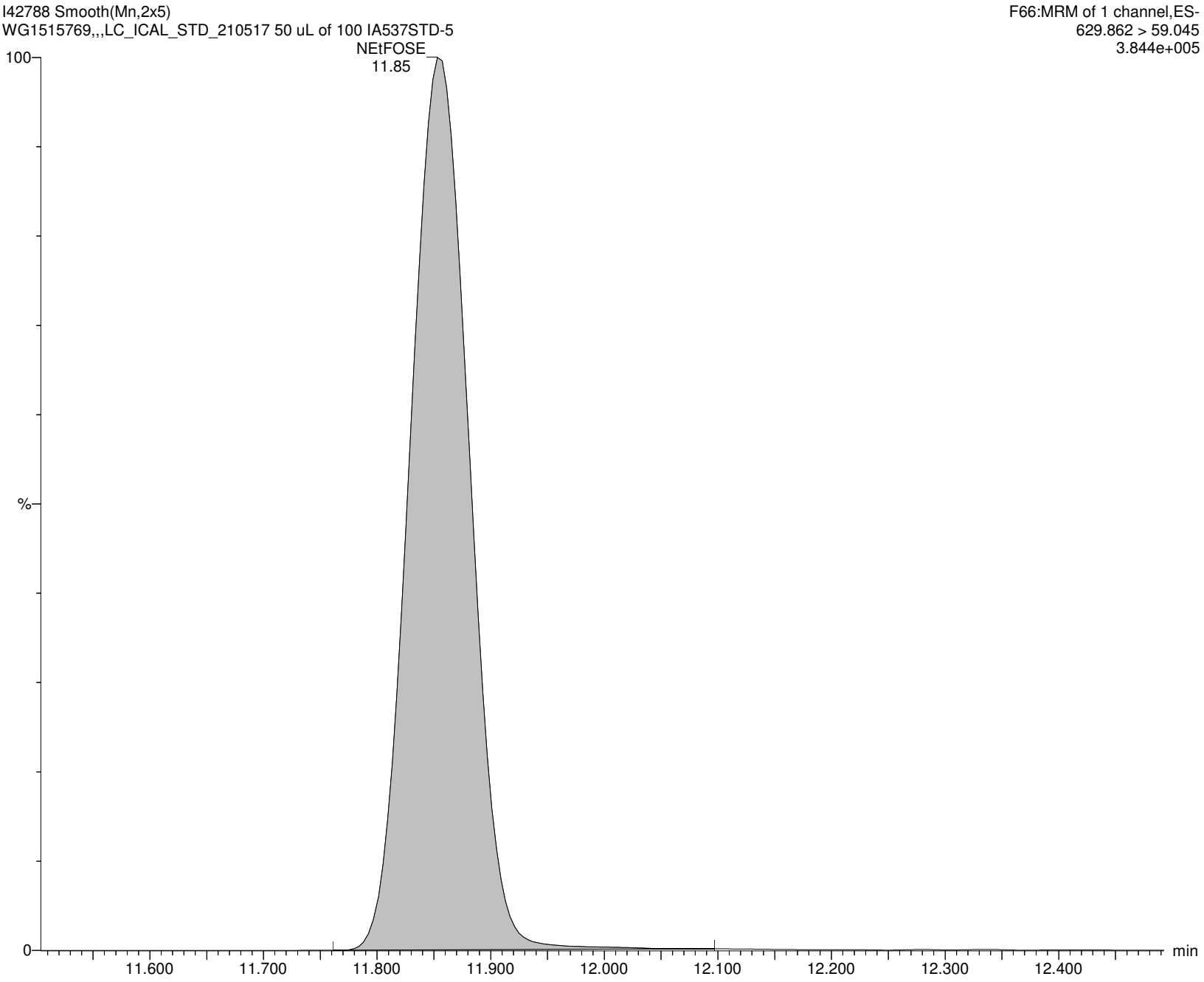


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSE

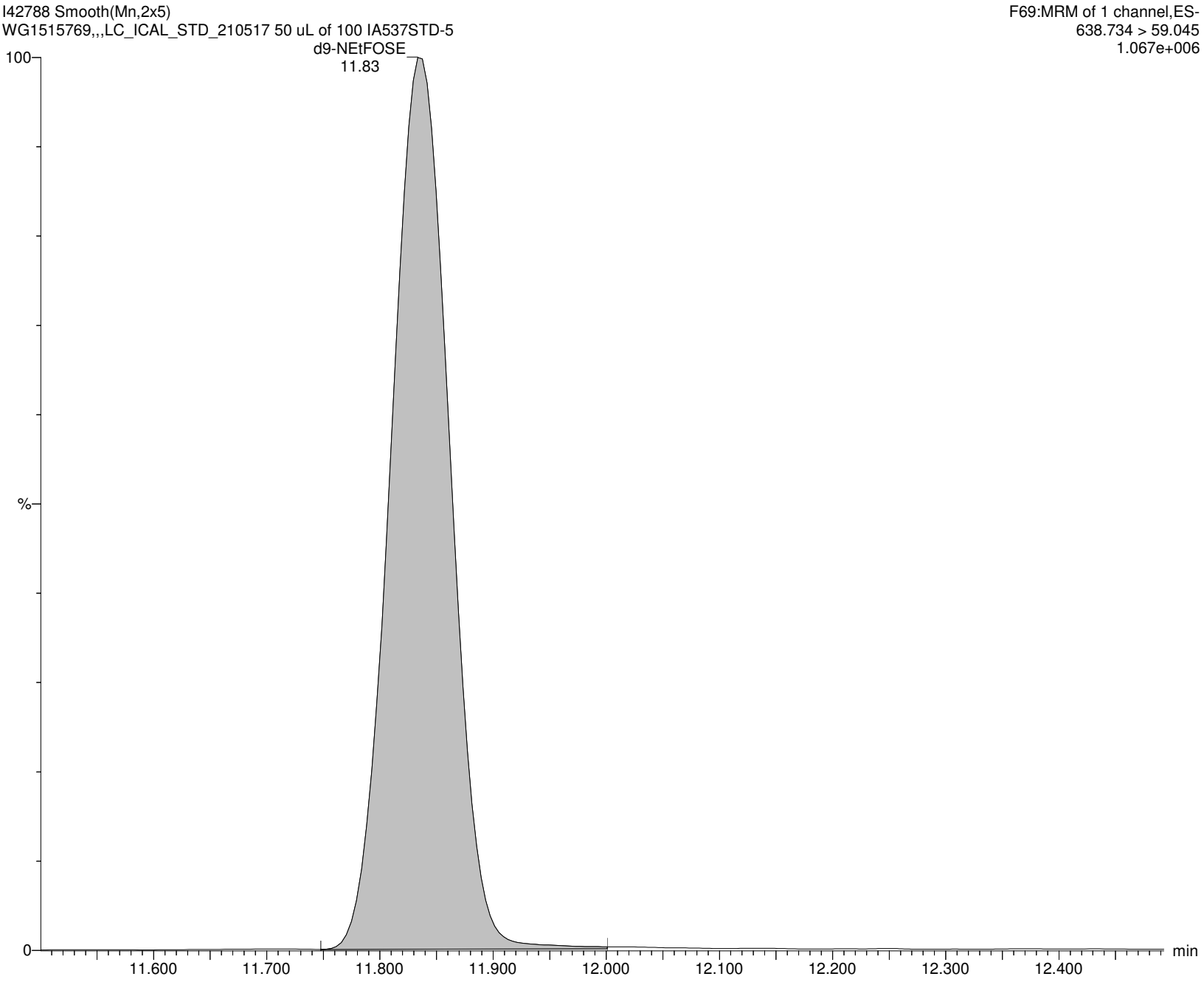


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d9-NEtFOSE

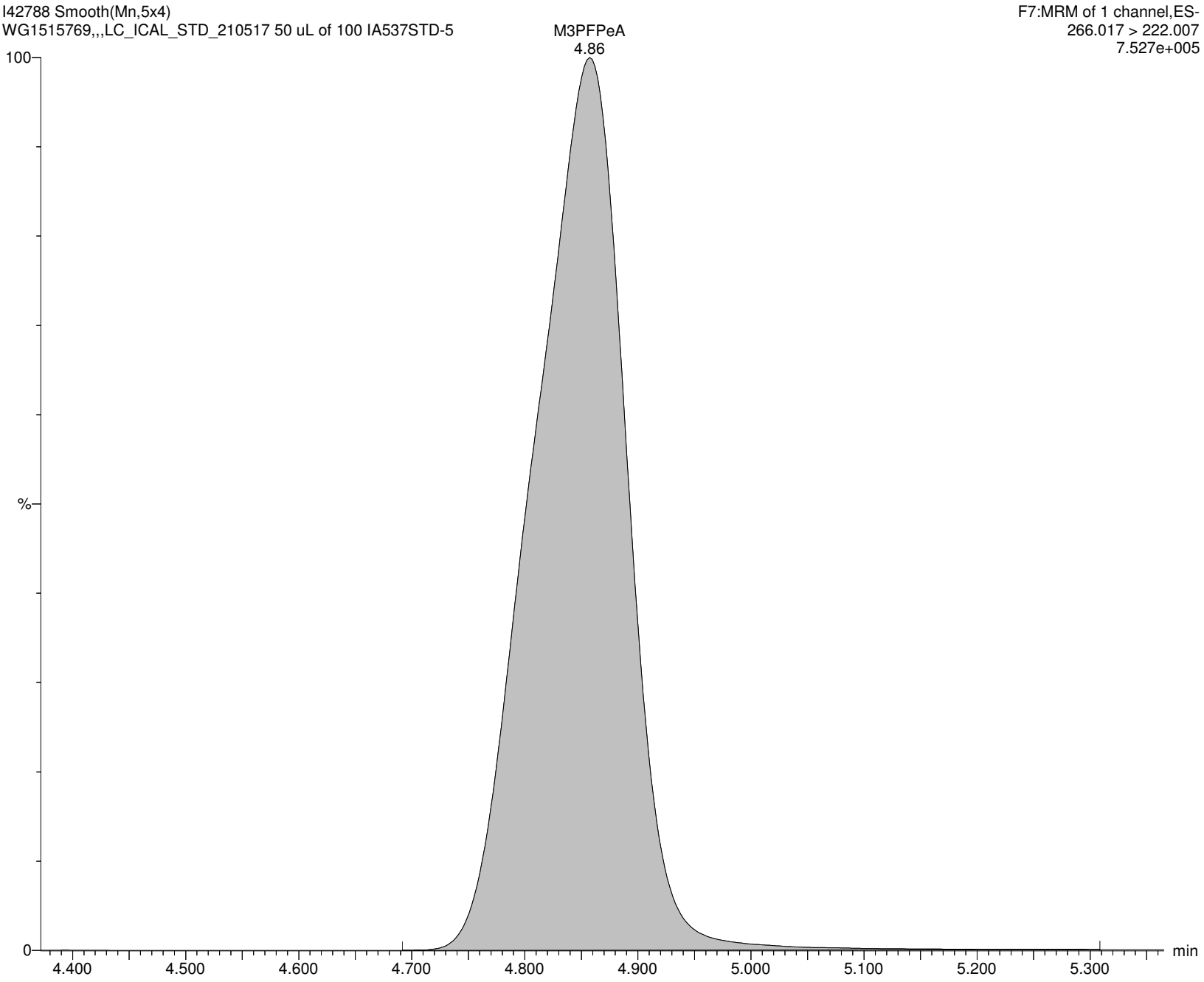


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFPeA

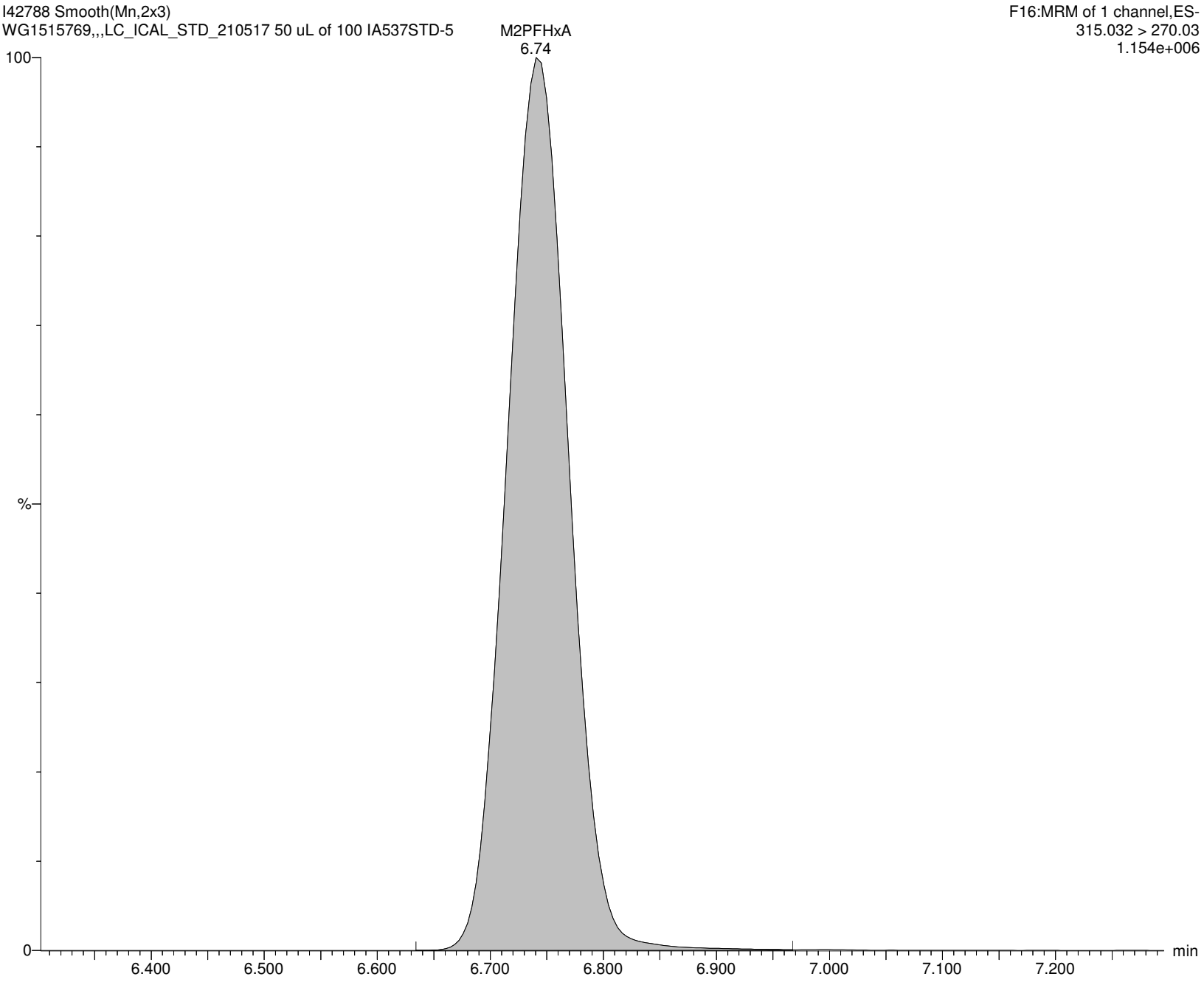


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFHxA

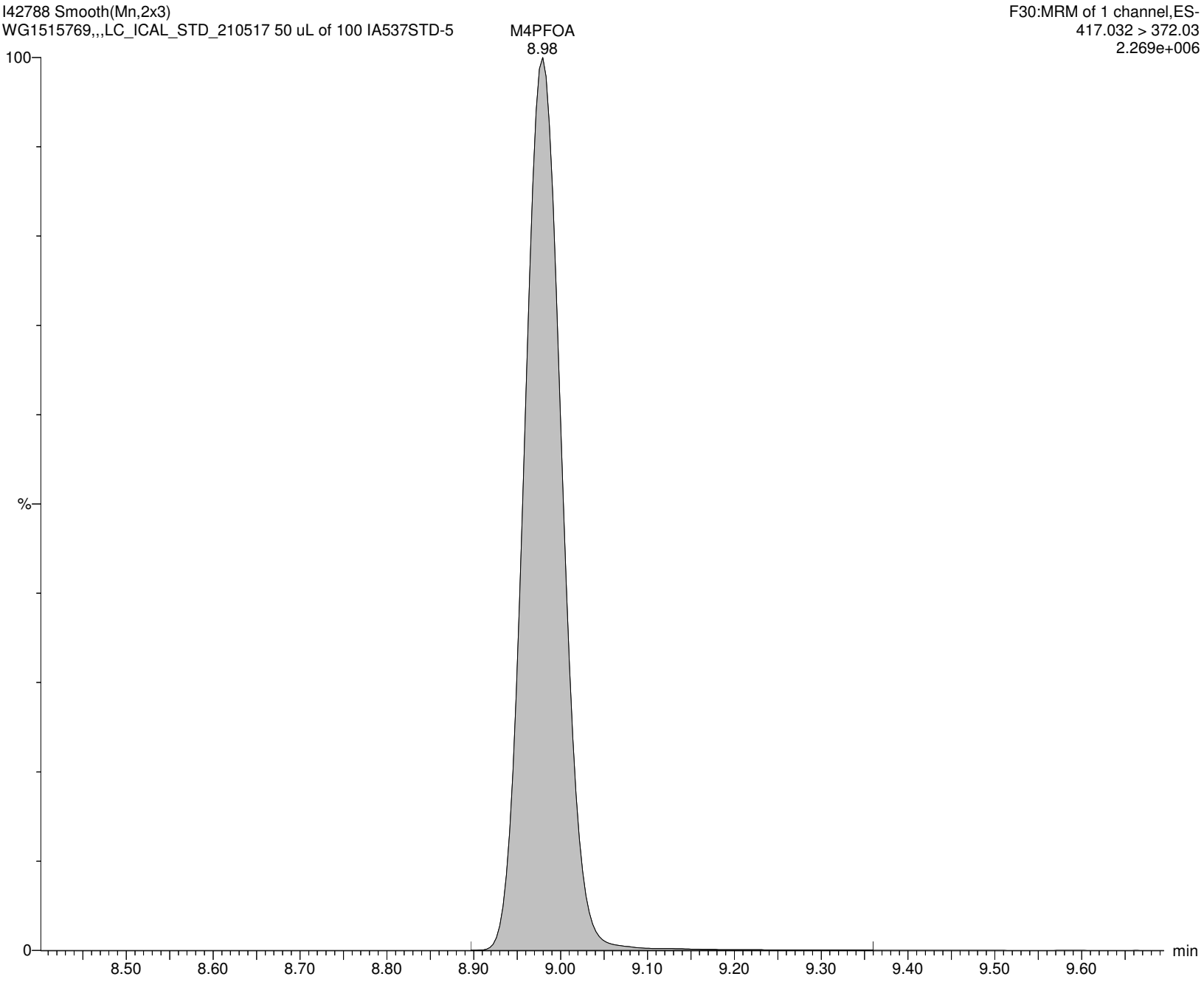


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOA

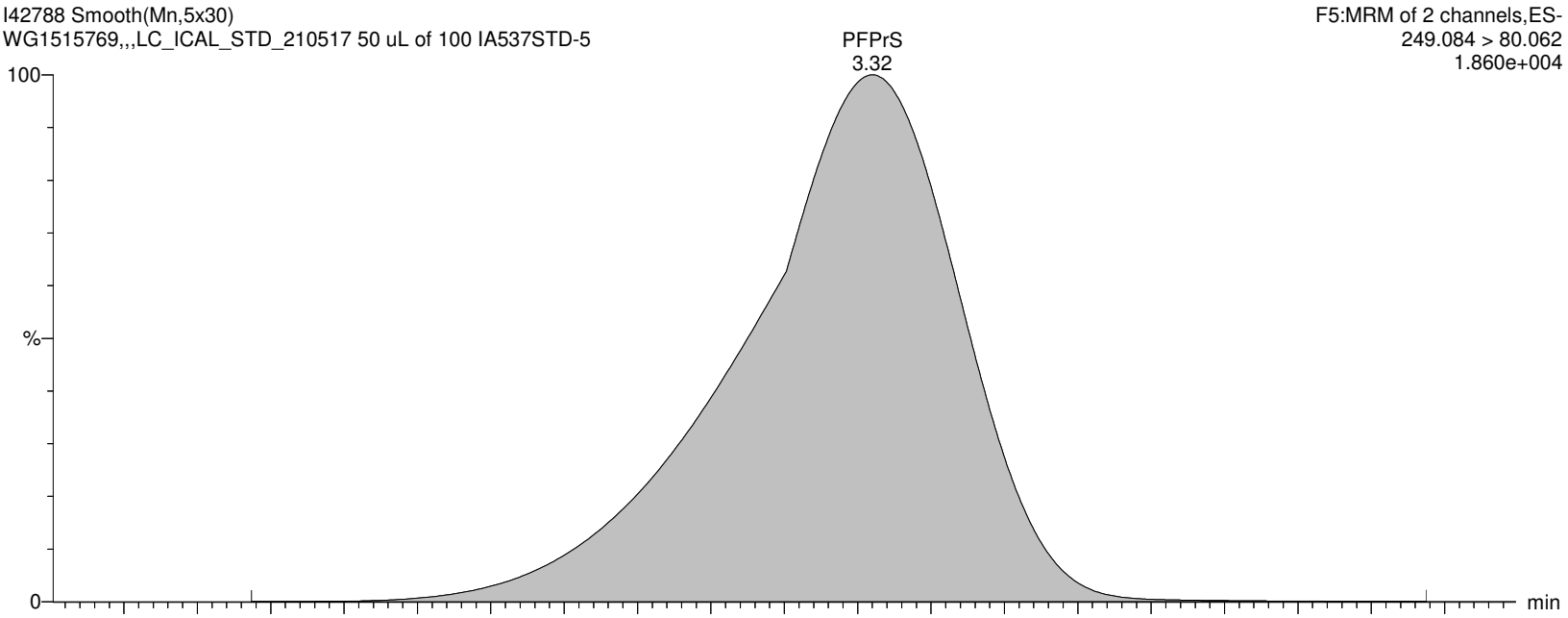


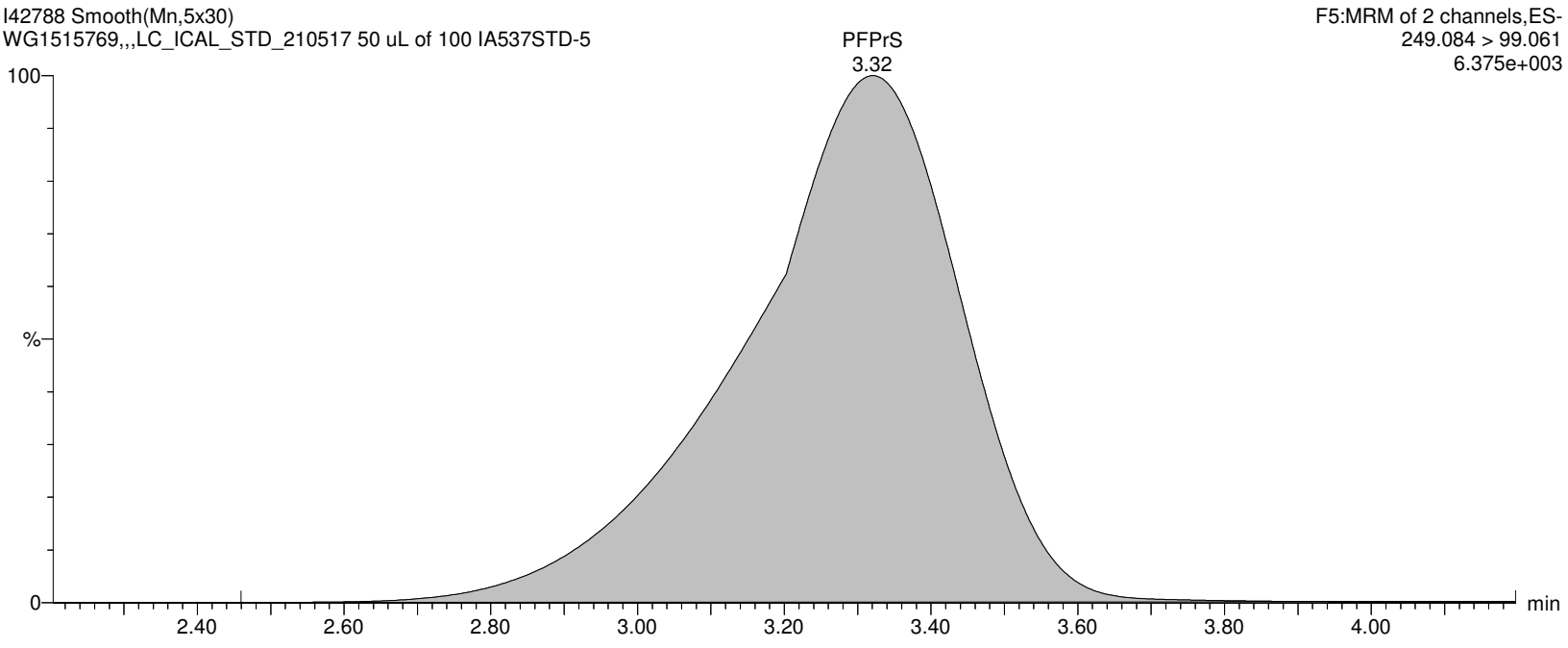
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPrS



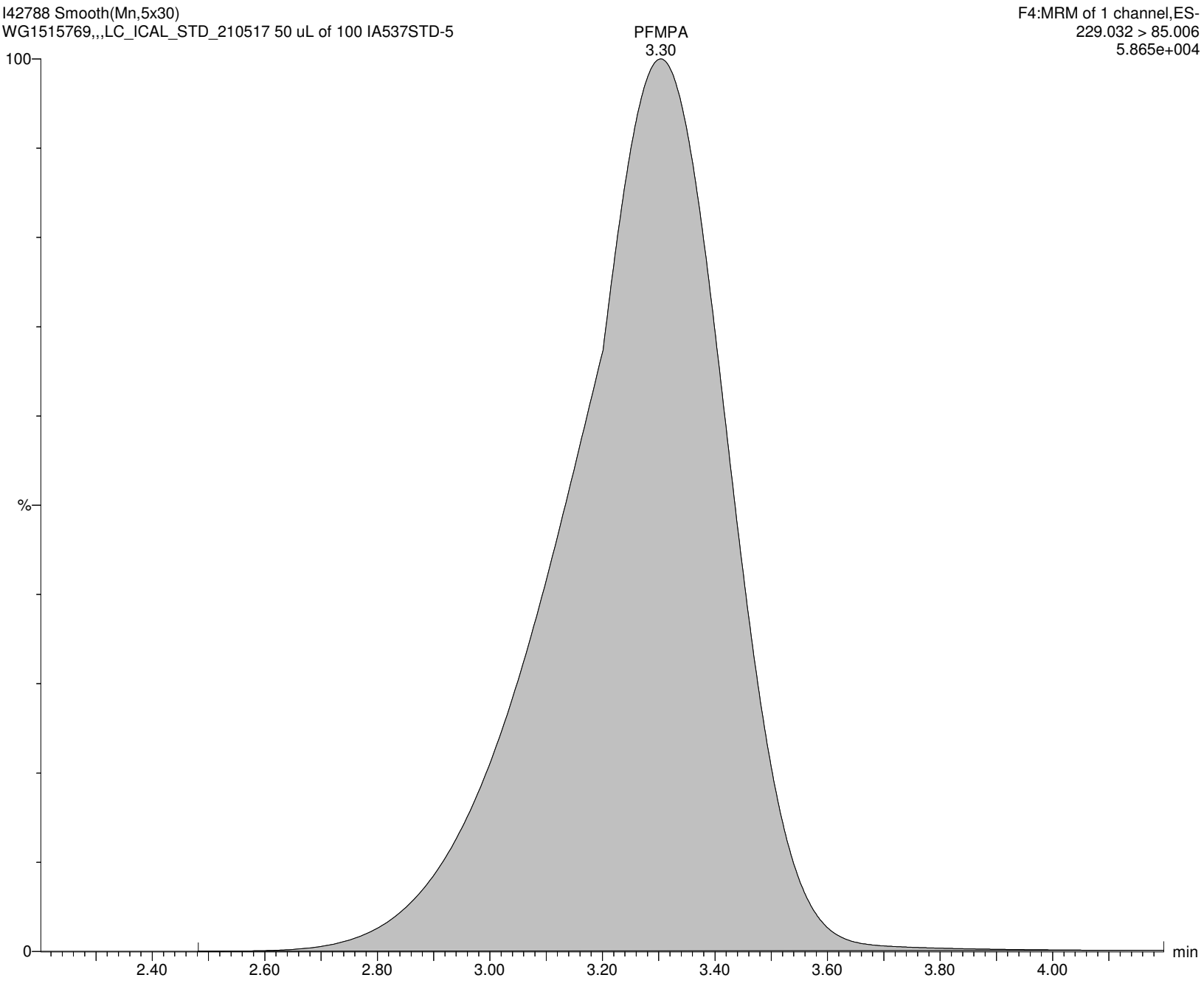


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFMPA

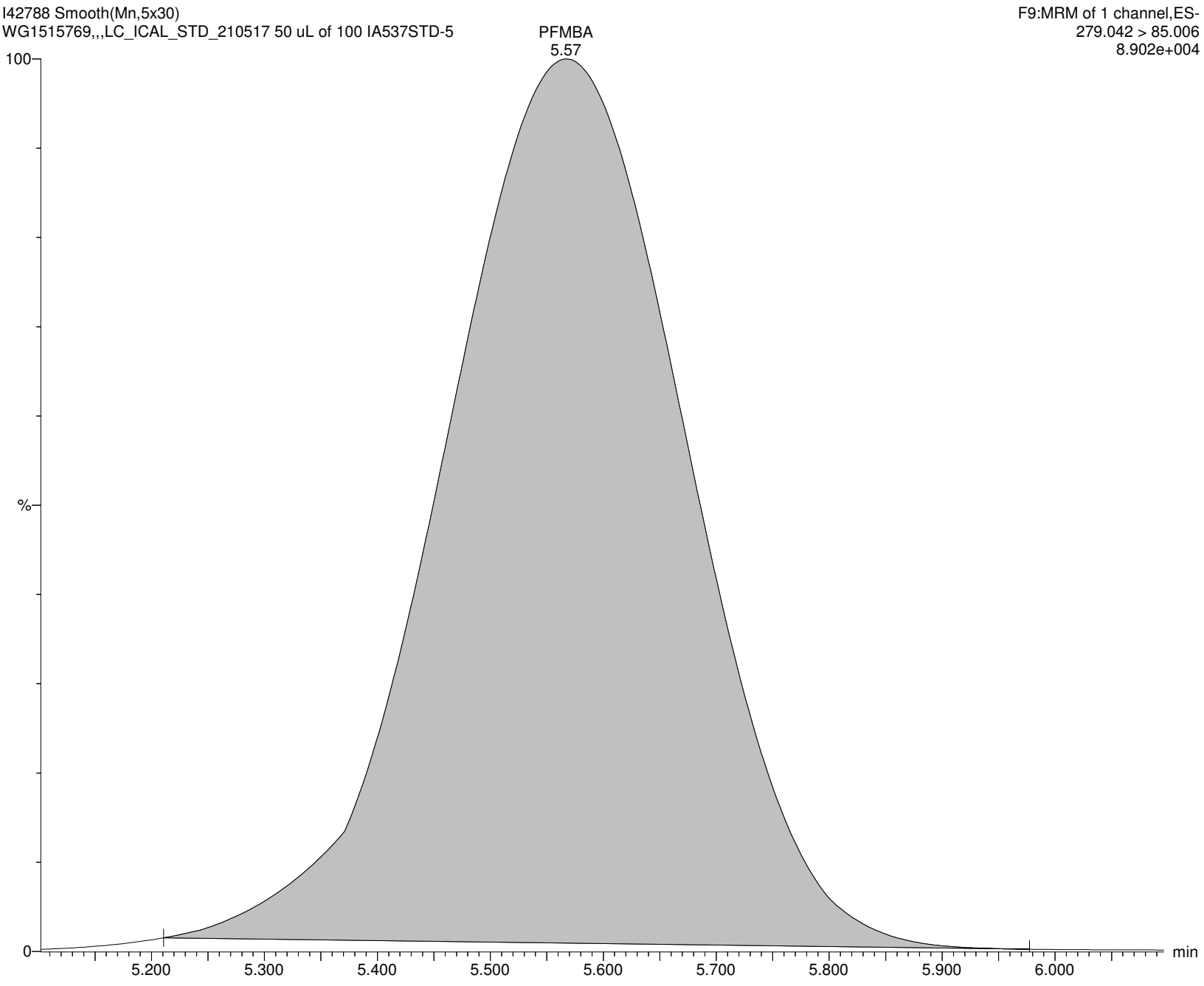


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFMBA

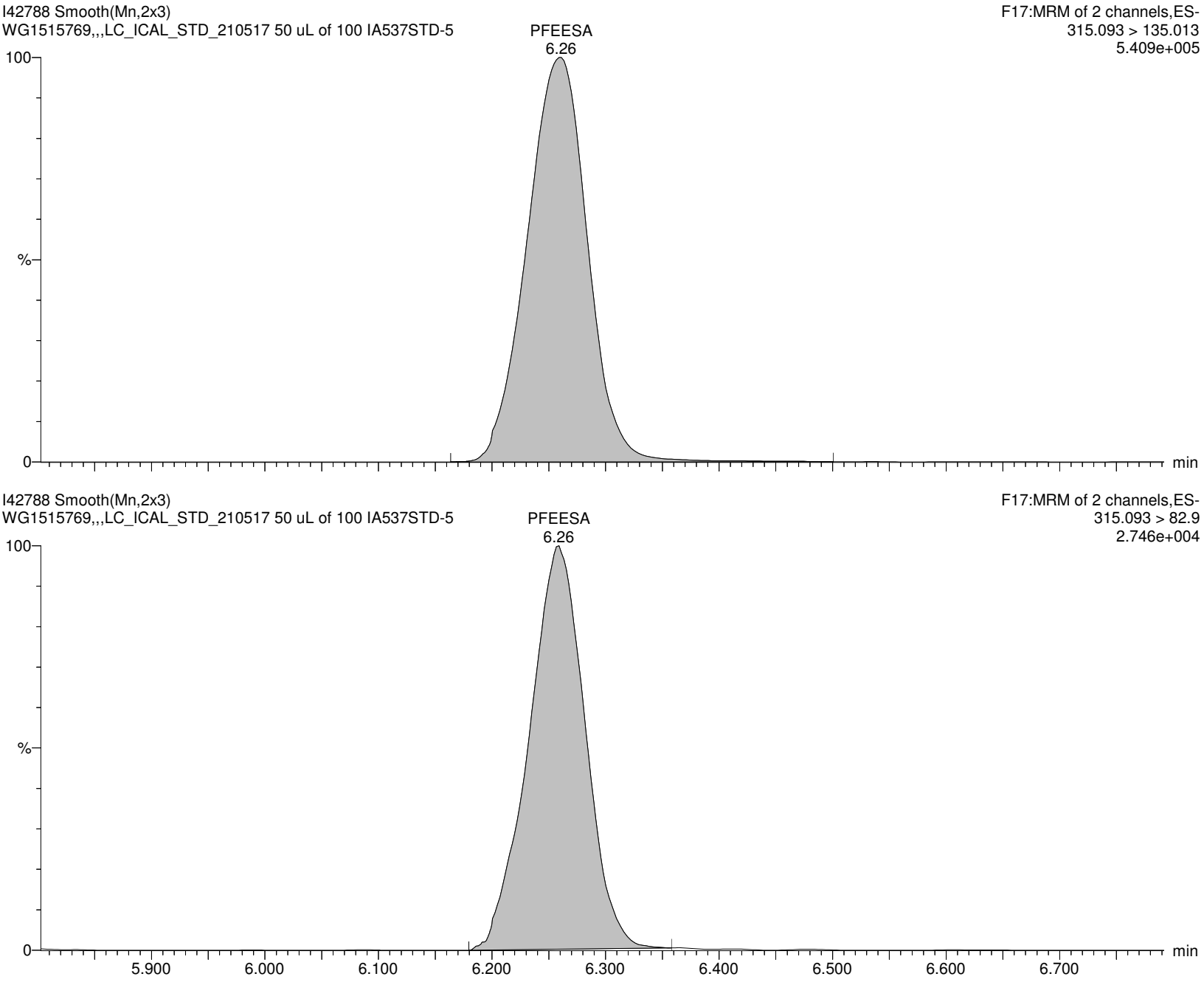


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFEESA

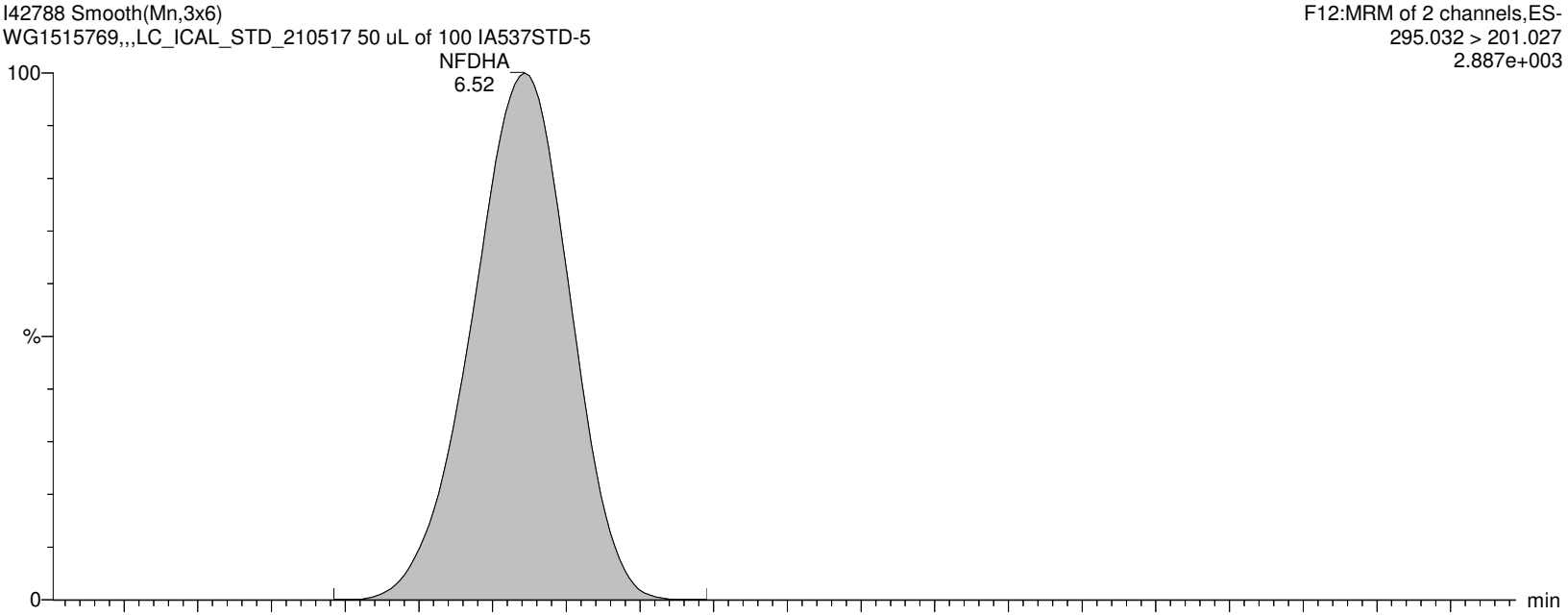


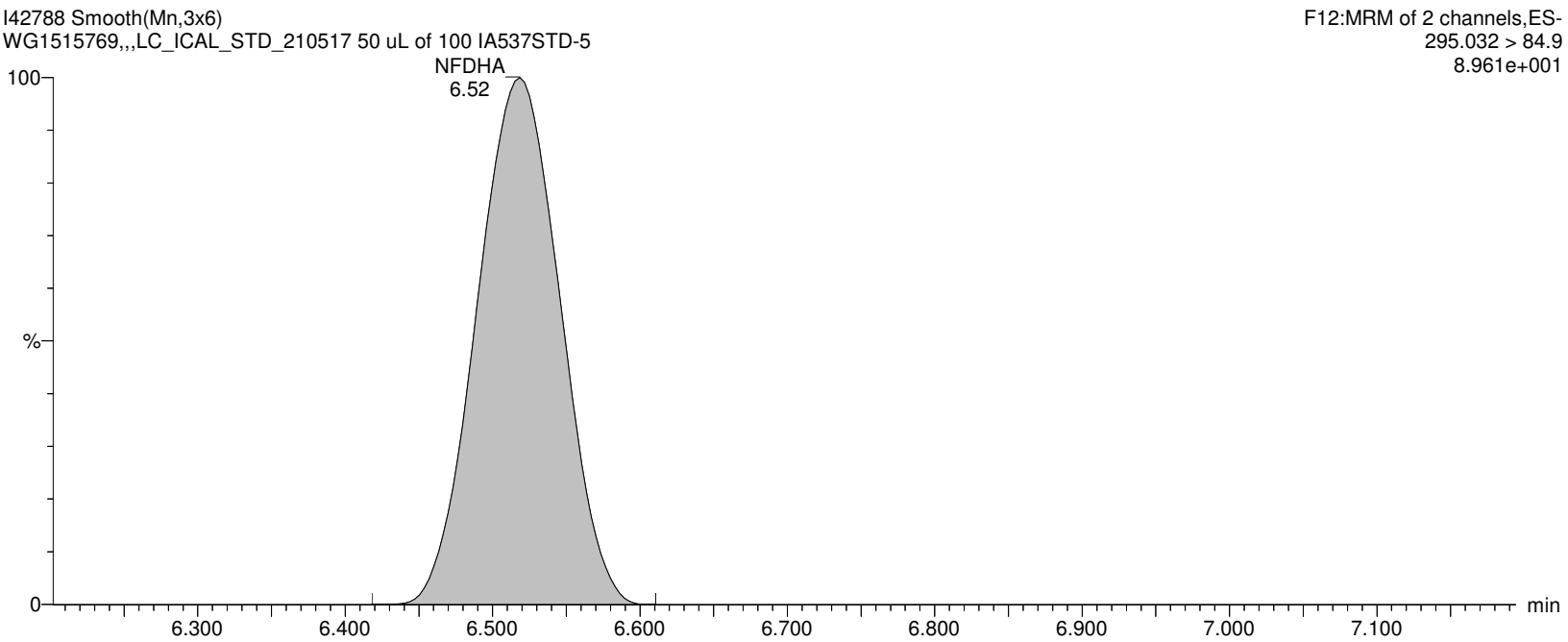
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NFDHA





all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\MethDB\537ISO_Q_210625_TOP_RT.mdb 22 Jun 2021 09:28:25
Calibration: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

ID: IA537STD-10
Name: I42789
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	1.97	213.032 > 169.022	47228		9.790		na	97.9
2	M3PFBA	INT STD	1.97	216.009 > 171.999	49841		9.494		na	94.9
3	MPFBA	INT STD	1.97	217.001 > 171.999	54206		10.115		na	101.1
4	PFPeA	2706-90-3	4.85	263.039 > 219.03	55592		9.825		na	98.3
5	M5PFPEA	INT STD	4.85	268.001 > 222.999	60132		10.225		na	102.3
6	PFBS	375-73-5	5.51	299.092 > 80.062	11722		8.809	1.95	NO	99.5
7	M3PFBS	INT STD	5.51	302.069 > 80.062	12249		9.862		na	98.6
8	4:2FTS	757124-72-4	6.67	327.146 > 307.139	4269		9.779	2.54	NO	104.6
9	M2-4:2FTS	INT STD	6.67	329.13 > 309.124	4587		9.215		na	92.2
10	PFHxA	307-24-4	6.74	313.047 > 269.037	65786		9.749	15.95	NO	97.5
11	M5PFHxA	INT STD	6.75	318.009 > 273.007	63598		10.071		na	100.7
12	PFPeS	2706-91-4	7.07	349.1 > 80.062	13139		10.404	2.37	NO	110.7
13	PFHpA	375-85-9	8.03	363.055 > 319.045	94620		9.686	5.65	NO	96.9
14	M4PFHpA	INT STD	8.03	367.025 > 322.022	96550		10.255		na	102.5
15	br-PFHxS	355-46-4	7.96	399.107 > 80.062	2283	M5,M7	1.862	2.11	NO	109.5
16	L-PFHxS	355-46-4	8.19	399.107 > 80.062	11297		7.252	1.66	NO	98.0
17	PFHxS	355-46-4		399.107 > 80.062	13580		9.114		na	
18	M3PFHxS	INT STD	8.19	402.084 > 80.062	14277		10.136		na	101.4
19	br-PFOA	335-67-1		413.063 > 369.053			ND		YES	
20	L-PFOA	335-67-1	8.98	413.063 > 369.053	100361		9.862	8.68	NO	98.6
21	PFOA	335-67-1		413.063 > 369.053	100361		9.862		na	
22	M8PFOA	INT STD	8.98	421.002 > 376.	105604		10.072		na	100.7
23	M2PFOA	INT STD	8.98	415.048 > 370.045	103278		9.751		na	97.5
24	6:2FTS	27619-97-2	8.93	427.161 > 407.155	4743		10.641	4.11	NO	112.0
25	M2-6:2FTS	INT STD	8.93	429.146 > 409.14	4656		9.112		na	91.1
26	PFHpS	375-92-8	9.07	449.115 > 80.062	8694		9.551	1.09	NO	100.5
27	PFNA	375-95-1	9.73	463.071 > 419.061	75480		9.829	3.89	NO	98.3
28	M9PFNA	INT STD	9.73	472.002 > 427.	30742		10.207		na	102.1
29	br-PFOS	1763-23-1	9.60	499.123 > 80.062	2968	M5,M7	2.108	4.42	NO	105.4
30	L-PFOS	1763-23-1	9.79	499.123 > 80.062	8663		7.687	1.72	NO	105.3
31	PFOS	1763-23-1		499.123 > 80.062	11631		9.795		na	
32	M4PFOS	INT STD	9.79	503.093 > 80.062	11257		9.946		na	99.5
33	M8PFOS	INT STD	9.79	507.062 > 80.062	12706		10.073		na	100.7
34	PFDA	335-76-2	10.35	513.078 > 469.069	66733		9.789	5.68	NO	97.9
35	M2PFDA	INT STD	10.35	515.053 > 469.934	59910		9.821		na	98.2
36	M6PFDA	INT STD	10.35	519.033 > 474.03	68505		10.074		na	100.7
37	8:2FTS	39108-34-4	10.34	527.177 > 507.171	2312		10.381	5.02	NO	108.1
38	M2-8:2FTS	INT STD	10.34	529.162 > 509.155	3542		9.429		na	94.3
39	PFNS	68259-12-1	10.39	549.131 > 80.062	9751		9.934	1.45	NO	103.5

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

ID: IA537STD-10
Name: I42789
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.77	573.22 > 419.061	6159		9.609		na	96.1
41	br-NMeFOSAA		10.62	570.202 > 419.061	619	M5,M7	2.572	1.46	NO	107.2
42	L-NMeFOSAA		10.77	570.202 > 419.061	5041		7.513	2.38	NO	98.9
43	NMeFOSAA	2355-31-9		570.202 > 419.061	5660		10.085		na	
44	PFUnA	2058-94-8	10.89	563.086 > 519.076	62085		9.374	9.98	NO	93.7
45	M7-PFUDA	INT STD	10.89	570.033 > 525.031	65661		10.354		na	103.5
46	PFDS	335-77-3	10.90	599.139 > 80.062	10645		10.092	1.63	NO	104.6
47	FOSA	754-91-6	10.95	498.146 > 78.07	30501		9.613	114.64	NO	96.1
48	M8FOSA	INT STD	10.95	506.077 > 78.07	37063		10.067		na	100.7
49	br-NEtFOSAA		10.93	584.229 > 419.061	359	M5,M7	2.133	0.52	NO	94.8
50	L-NEtFOSAA		11.07	584.229 > 419.061	3692		7.411	1.17	NO	95.6
51	NEtFOSAA	2991-50-6		584.229 > 419.061	4050		9.544		na	
52	d5-NEtFOSAA	INT STD	11.06	589.259 > 419.061	5049		9.533		na	95.3
53	PFDoA	307-55-1	11.35	613.094 > 569.084	63970		9.747	19.12	NO	97.5
54	MPFDOA	INT STD	11.35	615.079 > 570.077	62500		10.215		na	102.2
55	PFTrDA	72629-94-8	11.77	663.102 > 619.092	53646		11.504	11.19	NO	115.0
56	PFTA	376-06-7	12.12	713.11 > 669.1	34583		9.607	8.67	NO	96.1
57	M2PFTEDA	INT STD	12.12	715.094 > 670.092	18489		9.635		na	96.3
58	M3HFPO-DA	INT STD	7.18	287.02 > 169.022	6695		229.126		na	114.6
59	HFPO-DA	13252-13-6	7.18	285.035 > 169.022	2584		79.496	3.42	NO	79.5
60	ADONA	958445-44-8	8.21	377.06 > 251.028	82469		9.834	40.53	NO	103.9
61	PFHxDA		12.64	813.122 > 769.116	18392		9.988	21.73	NO	99.9
62	PFODA		12.86	913.411 > 869.131	2176	M4	9.653	25.35	NO	96.5
63	M2PFHxDA		12.64	815.102 > 770.108	27850		9.908		na	99.1
64	PFDoS		11.76	699.154 > 80.062	6440	M4,M7	9.347	2.19	NO	93.5
65	M2D4-10:2FTS		11.36	633.201 > 612.189	3839	M4	19.301		na	97.6
66	10:2FTS		11.36	627.192 > 607.186	2203	M2,M7	9.767	1.89	NO	101.3
67	9CL-PF3ONS		10.14	530.862 > 350.843	44154		8.633	2.57	NO	92.6
68	11CL-PFOUdS		11.16	630.862 > 450.854	41805		8.828	3.03	NO	93.7
69	NMeFOSA		11.57	512.163 > 169.022	31733		51.938	1.60	NO	103.9
70	d3-NMeFOSA		11.57	515.183 > 169.022	75450		100.030		na	100.0
71	NEtFOSA		11.88	526.192 > 169.022	33987		50.835	4.74	NO	101.7
72	d5-NEtFOSA		11.87	531.222 > 169.022	84299		100.675		na	100.7
73	NMeFOSE		11.58	615.8 > 59.045	39737		28.462		na	113.8
74	d7-NMeFOSE		11.56	622.84 > 59.045	64554		104.363		na	104.4
75	NEtFOSE		11.87	629.862 > 59.045	44472		27.910		na	111.6
76	d9-NEtFOSE		11.85	638.734 > 59.045	60769		97.291		na	97.3
77	M3PFPeA		4.85	266.017 > 222.007	67811		10.004		na	100.0
78	M2PFHxA		6.74	315.032 > 270.03	70269		10.183		na	101.8
79	M4PFOA		8.98	417.032 > 372.03	107353		10.096		na	101.0
80	PFPrS	423-41-6	3.32	249.084 > 80.062	12486		10.314	2.87	NO	112.6
81	PFMPA		3.31	229.032 > 85.006	38296		10.965		na	109.7
82	PFMBA		5.57	279.042 > 85.006	40826		10.503		na	105.0

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

ID: IA537STD-10
Name: I42789
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
83	PFEESA		6.26	315.093 > 135.013	62824		9.735	21.14	NO	109.4
84	NFDHA		6.52	295.032 > 201.027	521		11.659	32.71	NO	116.6

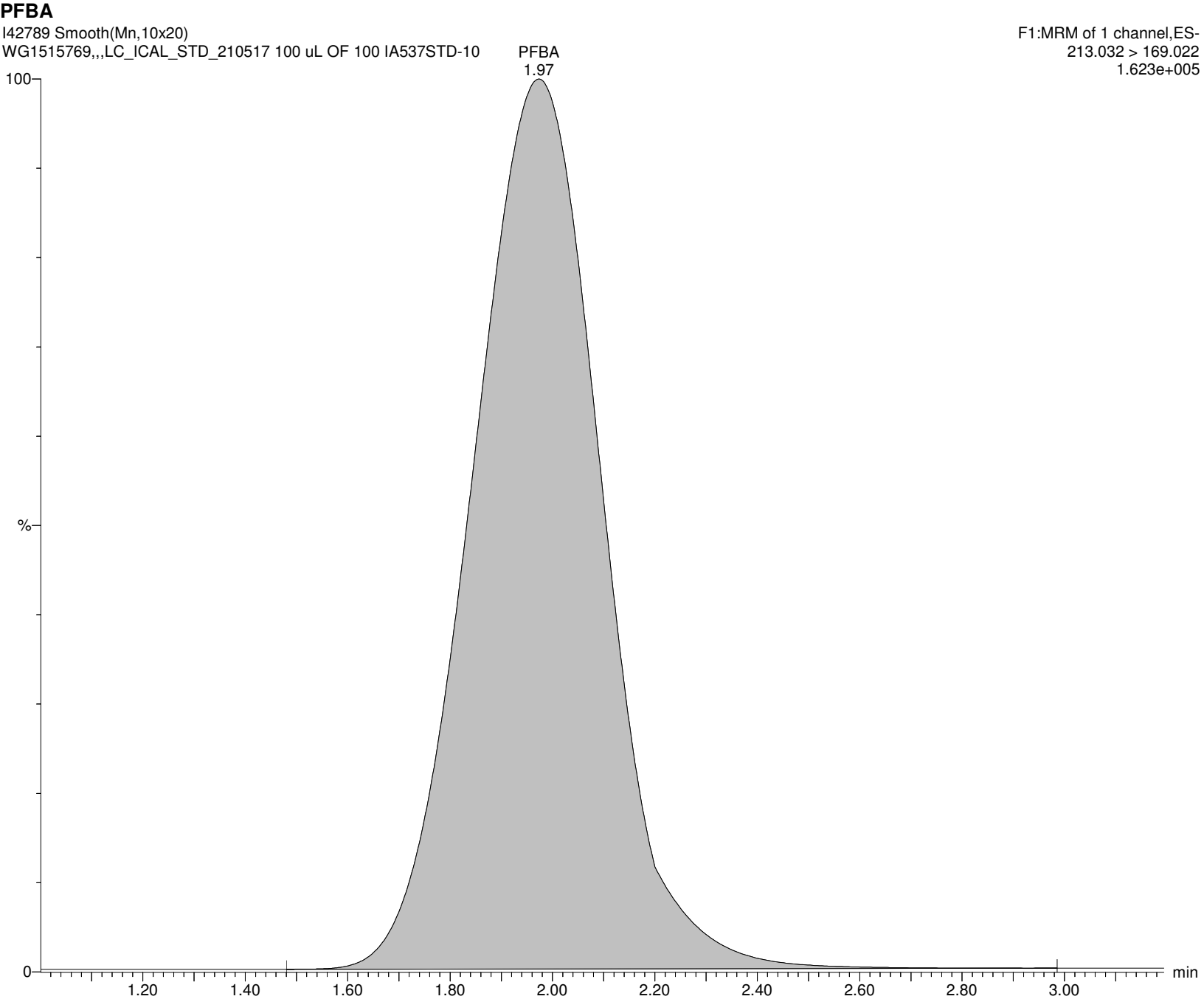
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\MethDB\537ISO_Q_210625_TOP_RT.mdb 22 Jun 2021 09:28:25
Calibration: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBA

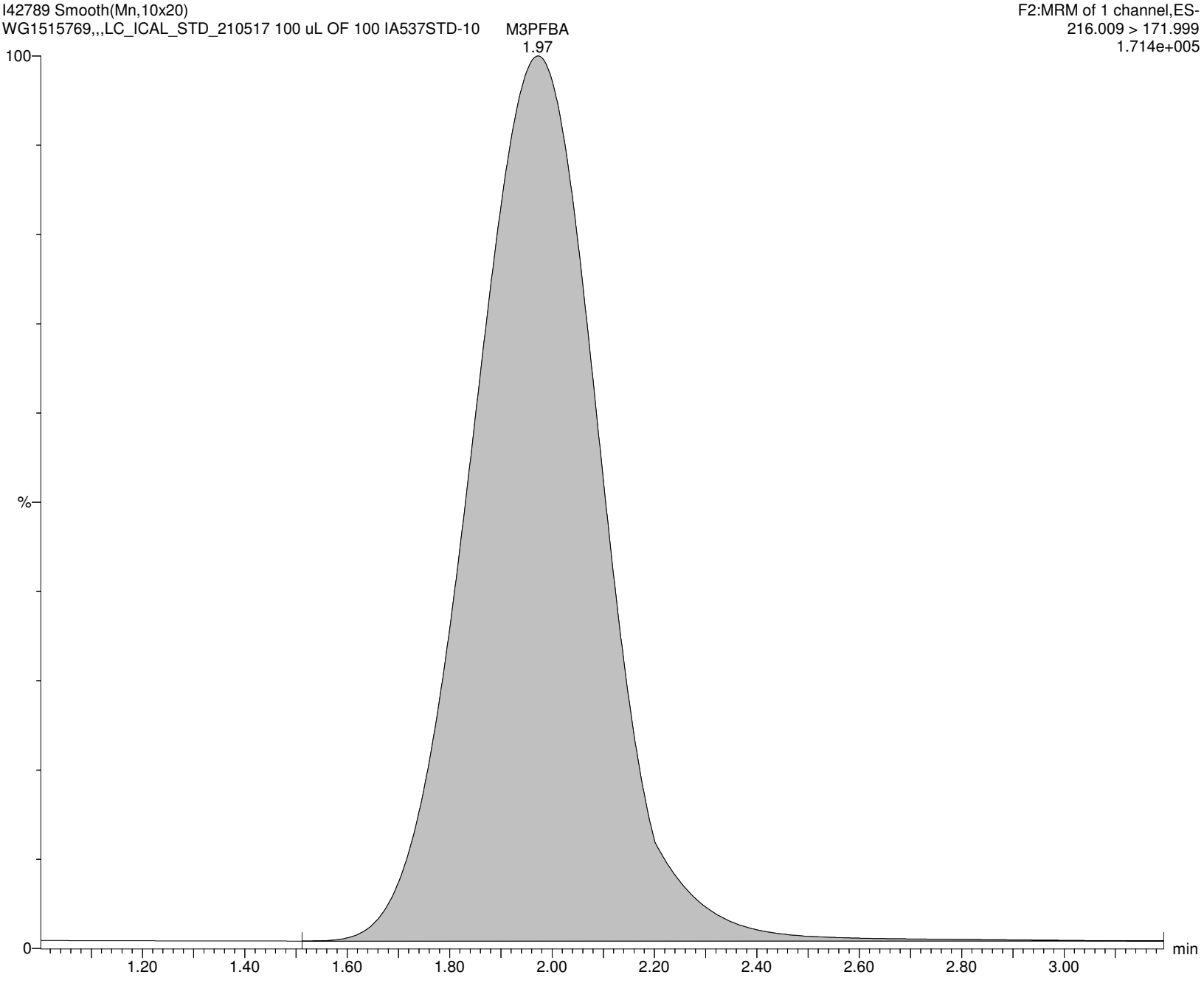


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBA

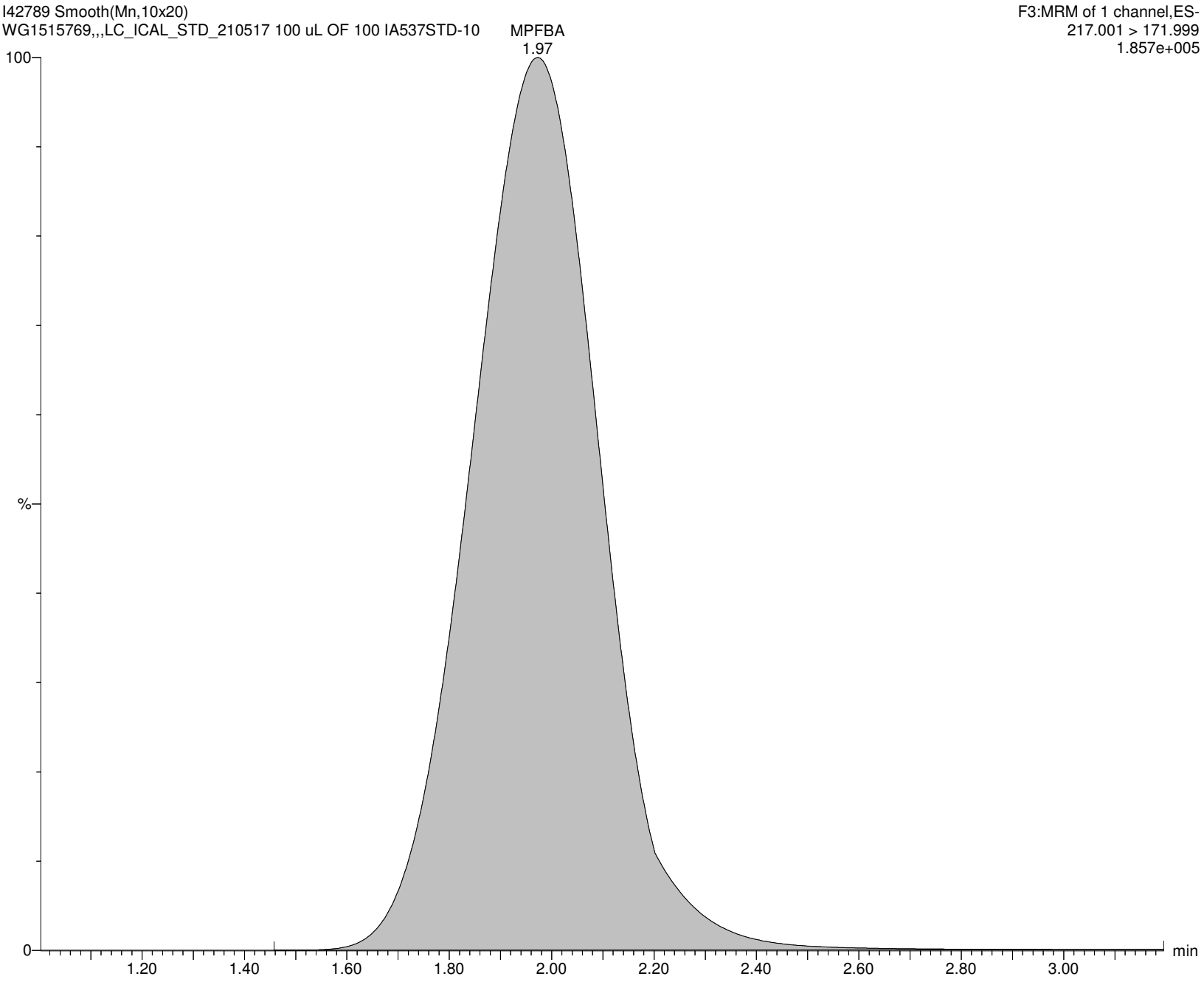


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFBA

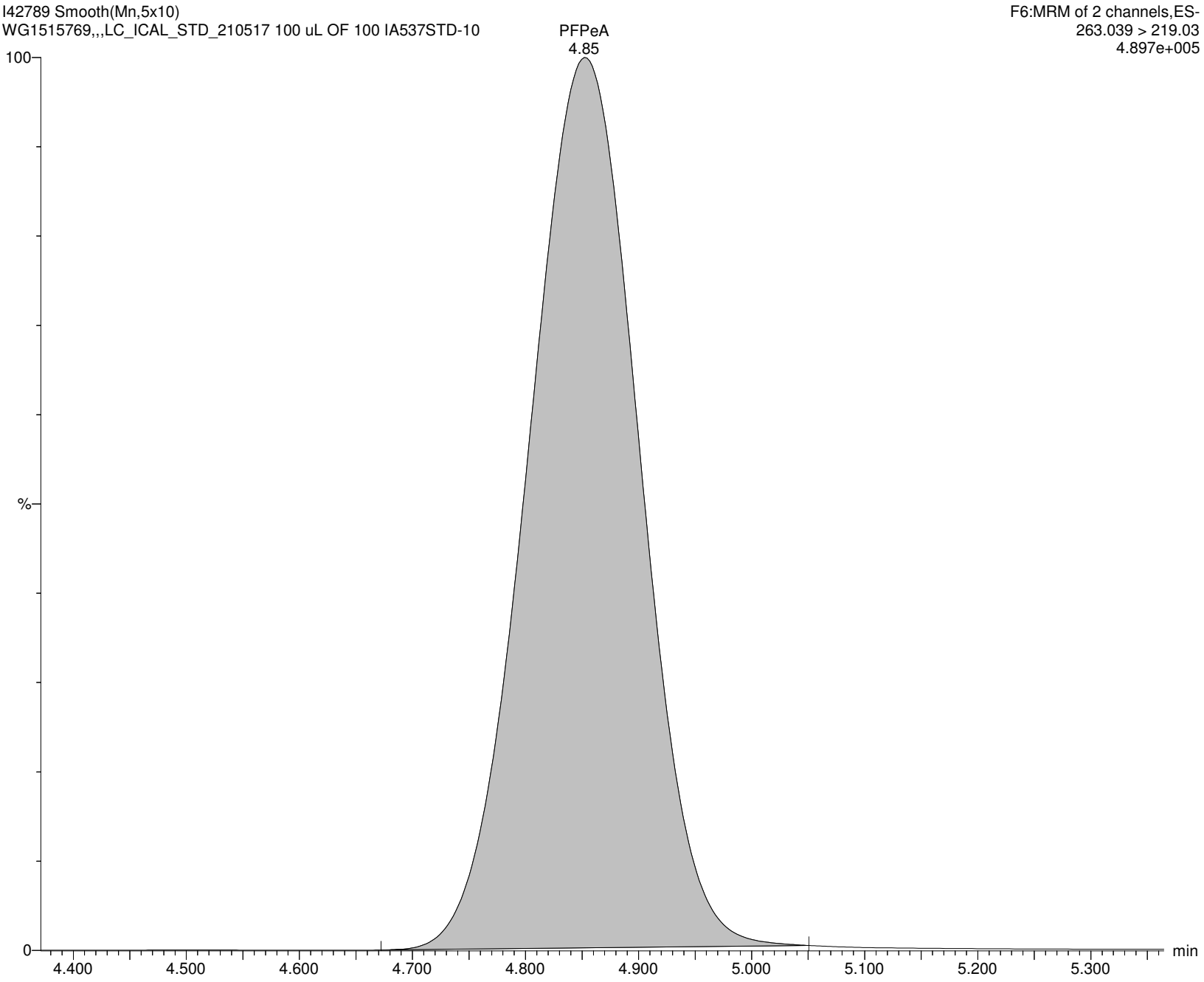


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeA

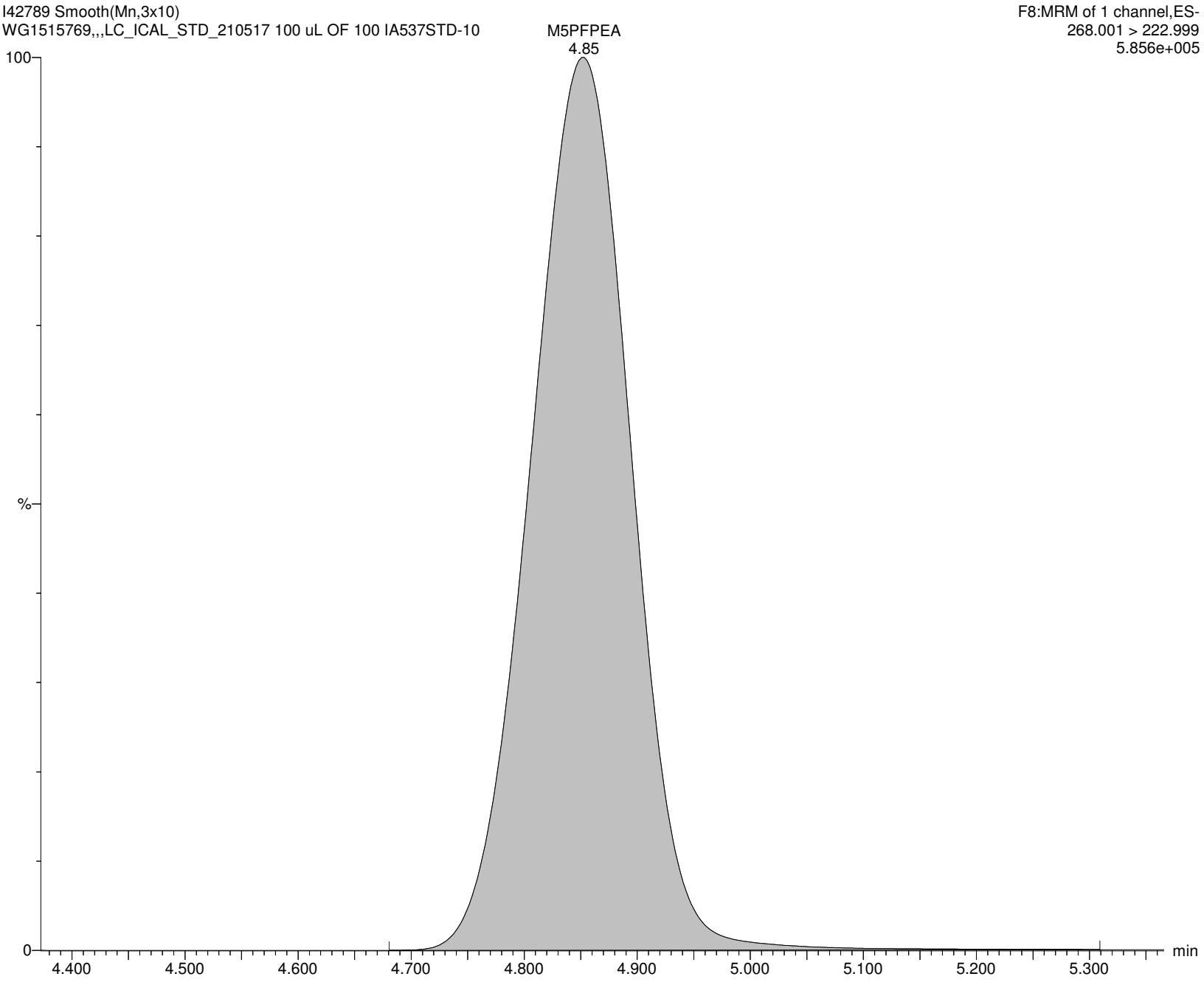


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFPEA

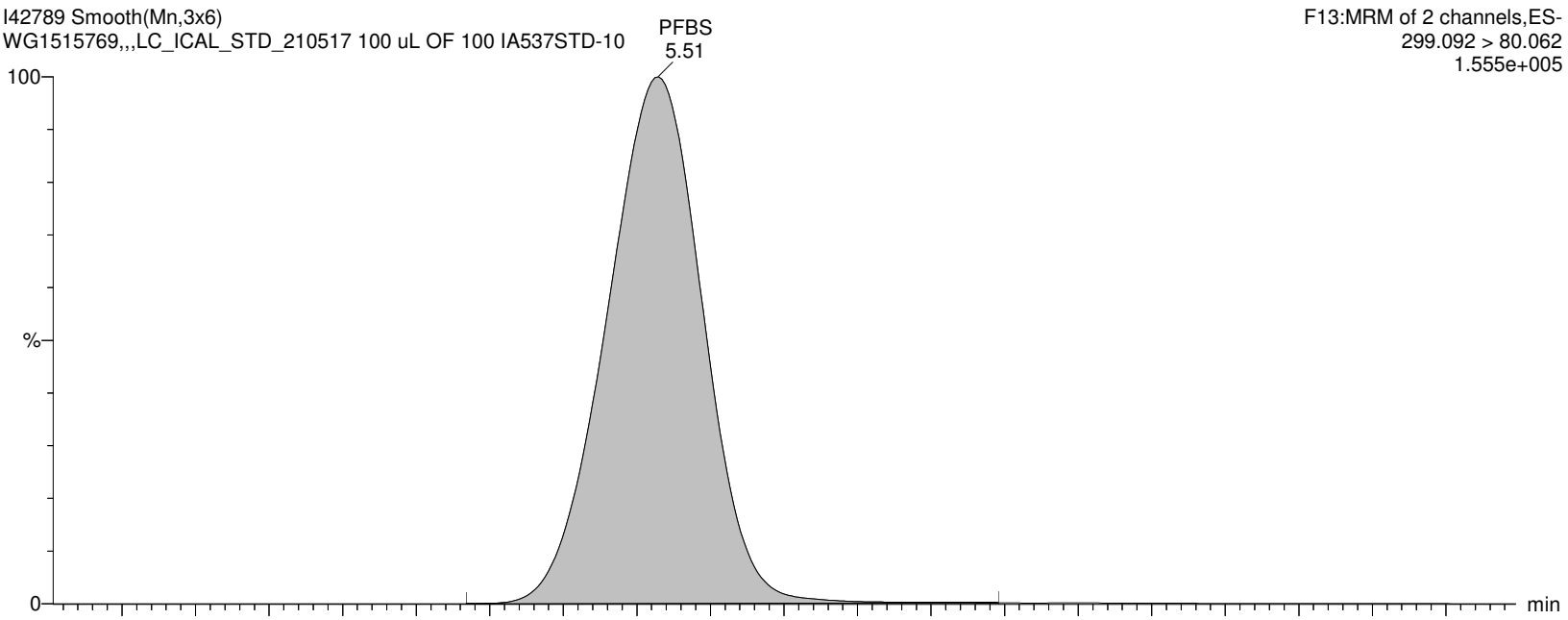


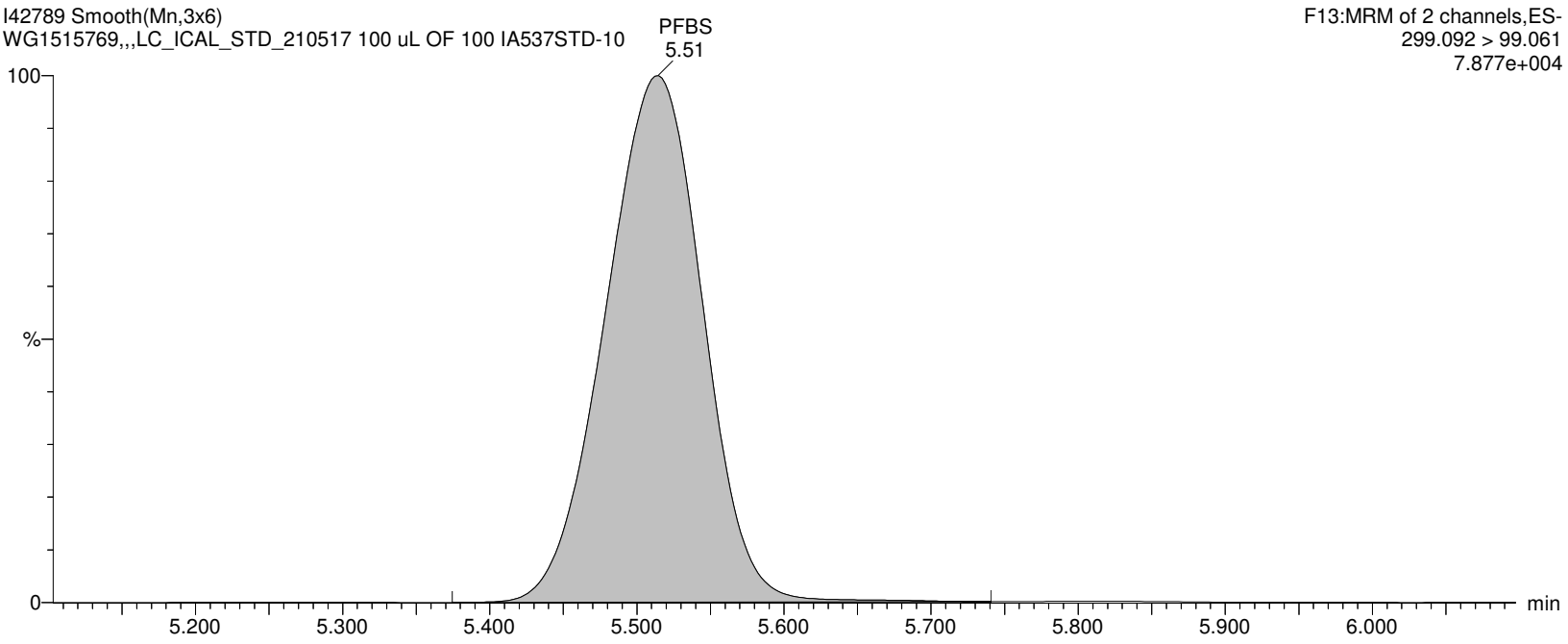
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBS



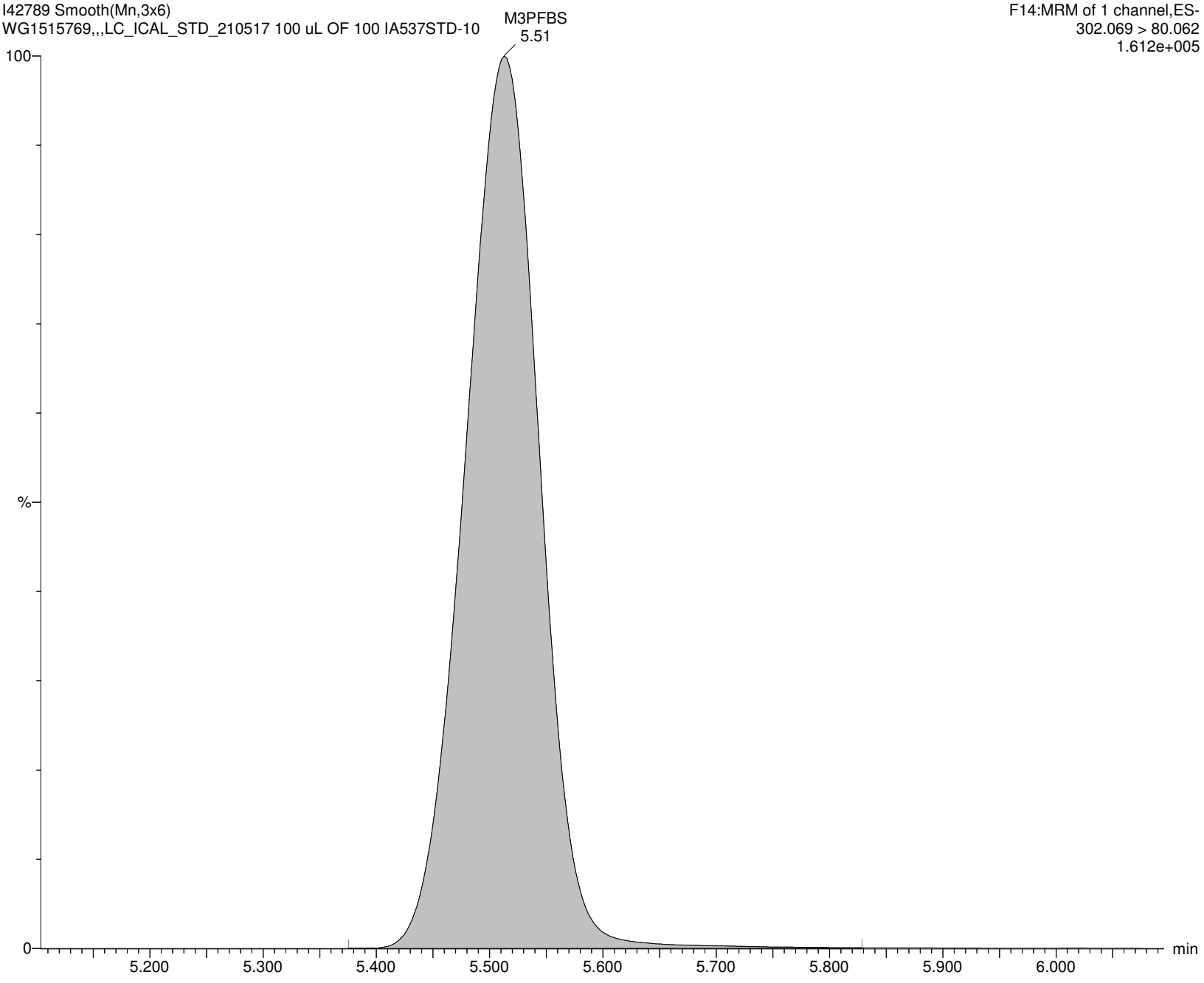


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBS

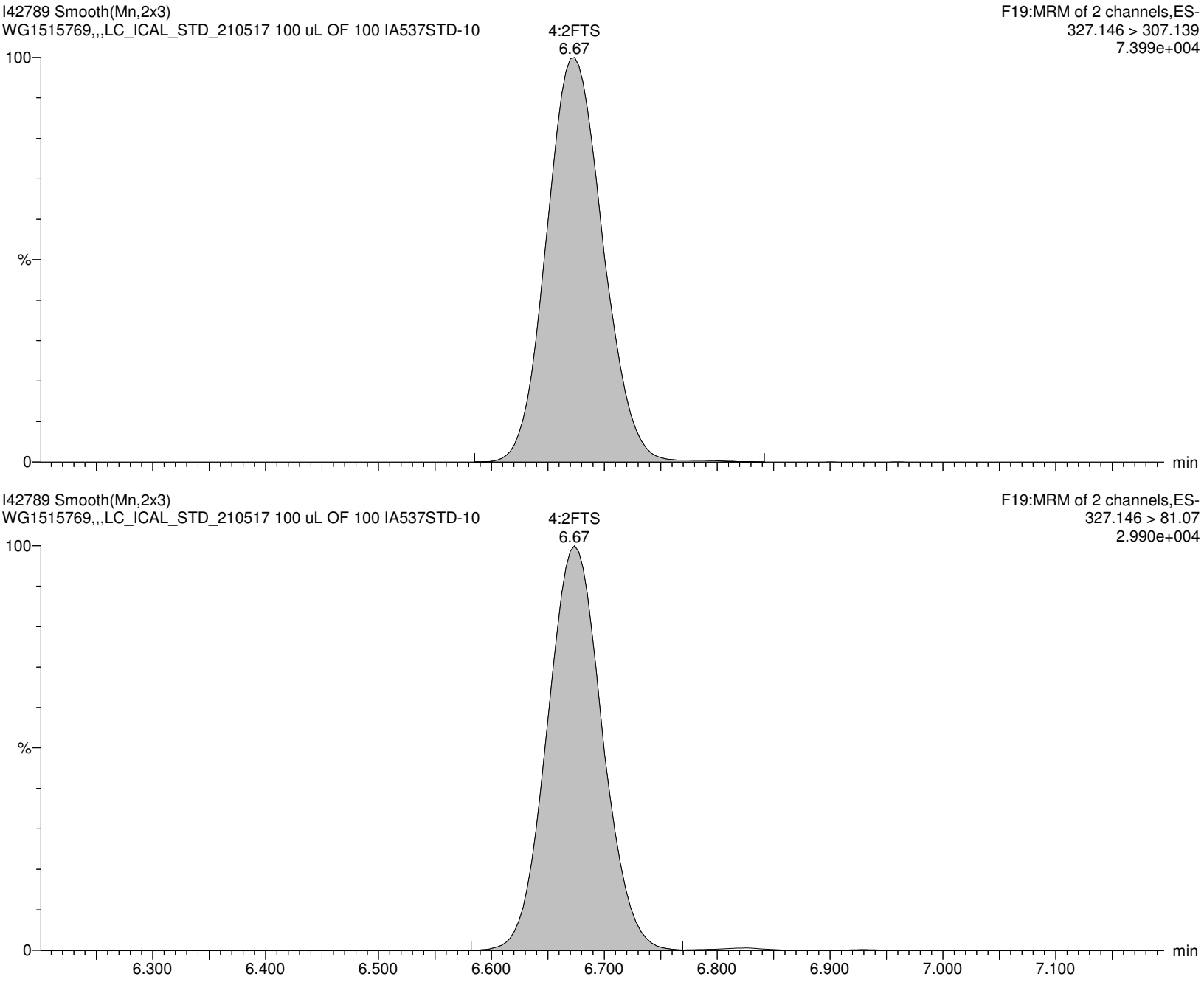


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

4:2FTS

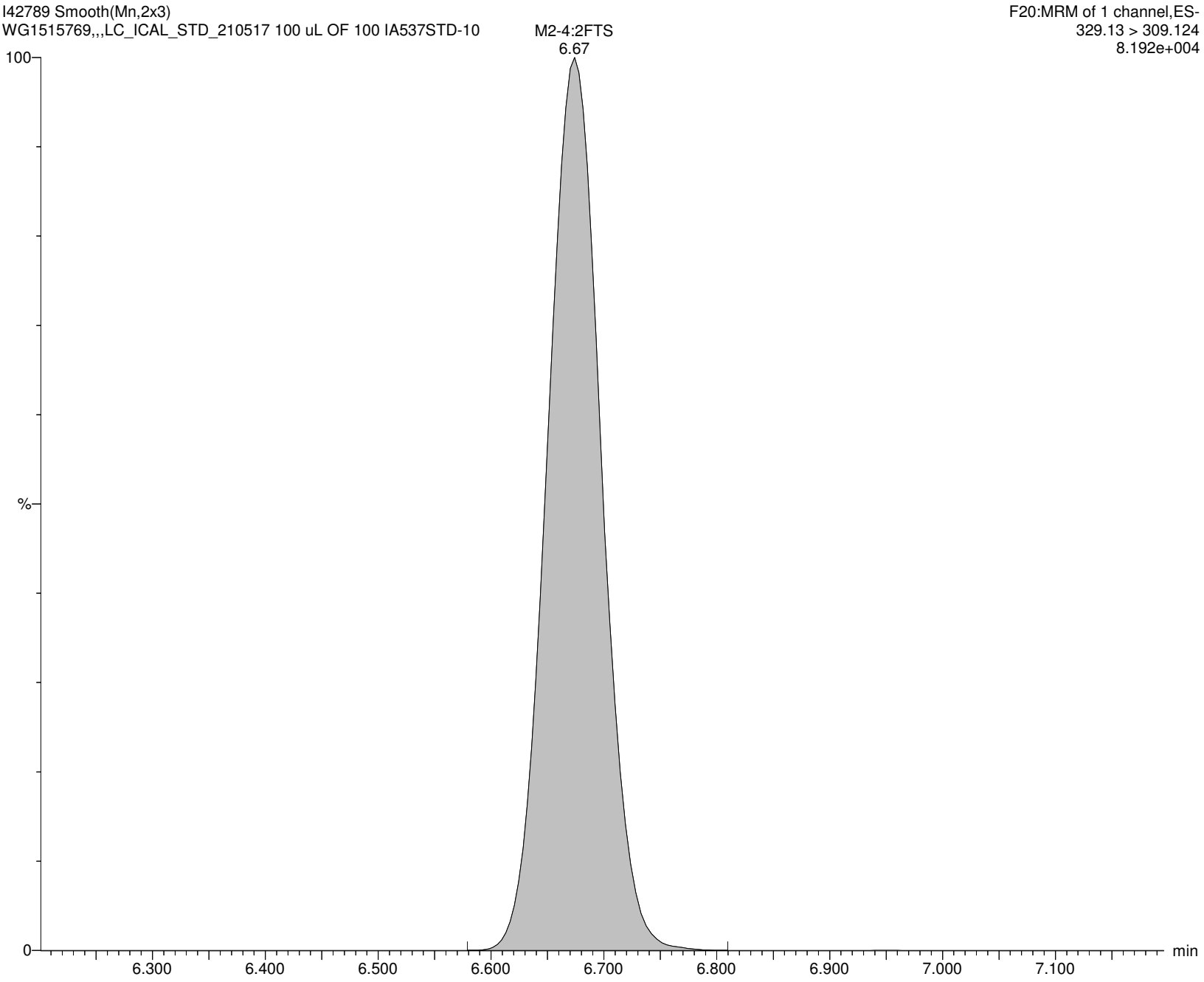


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-4:2FTS

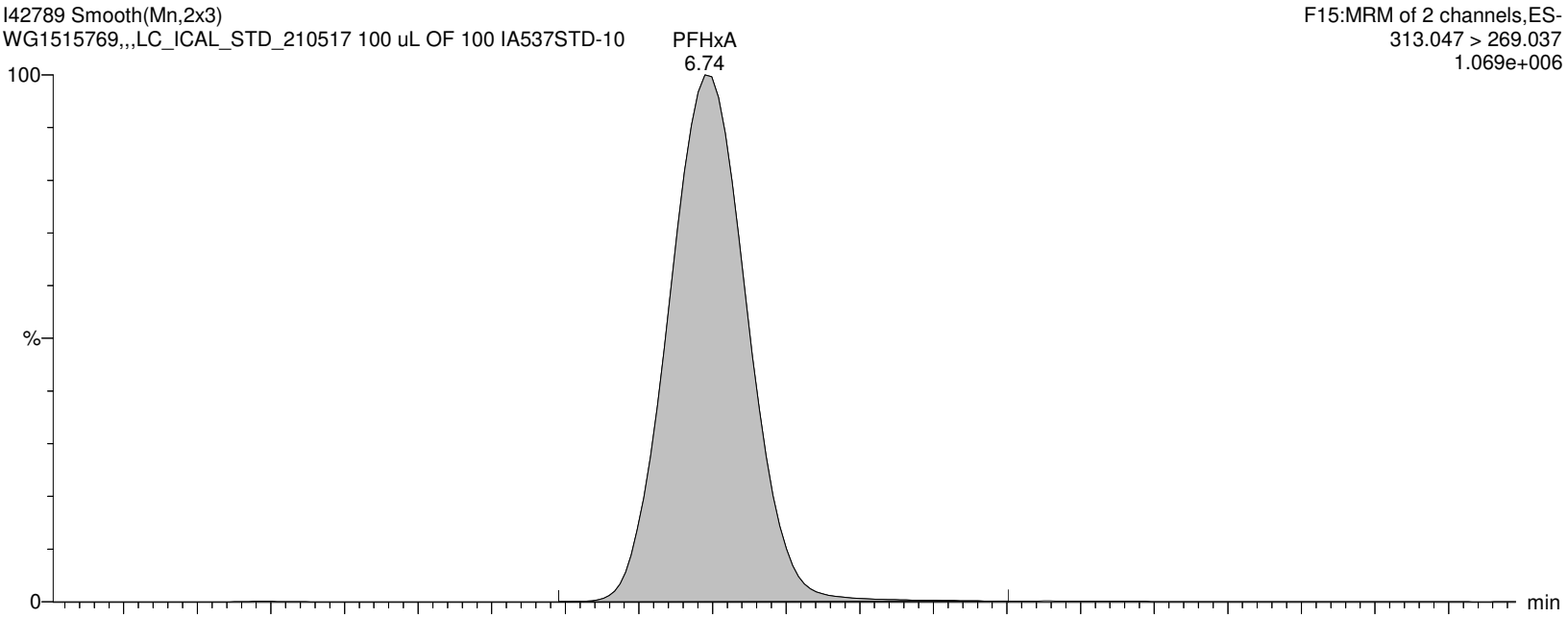


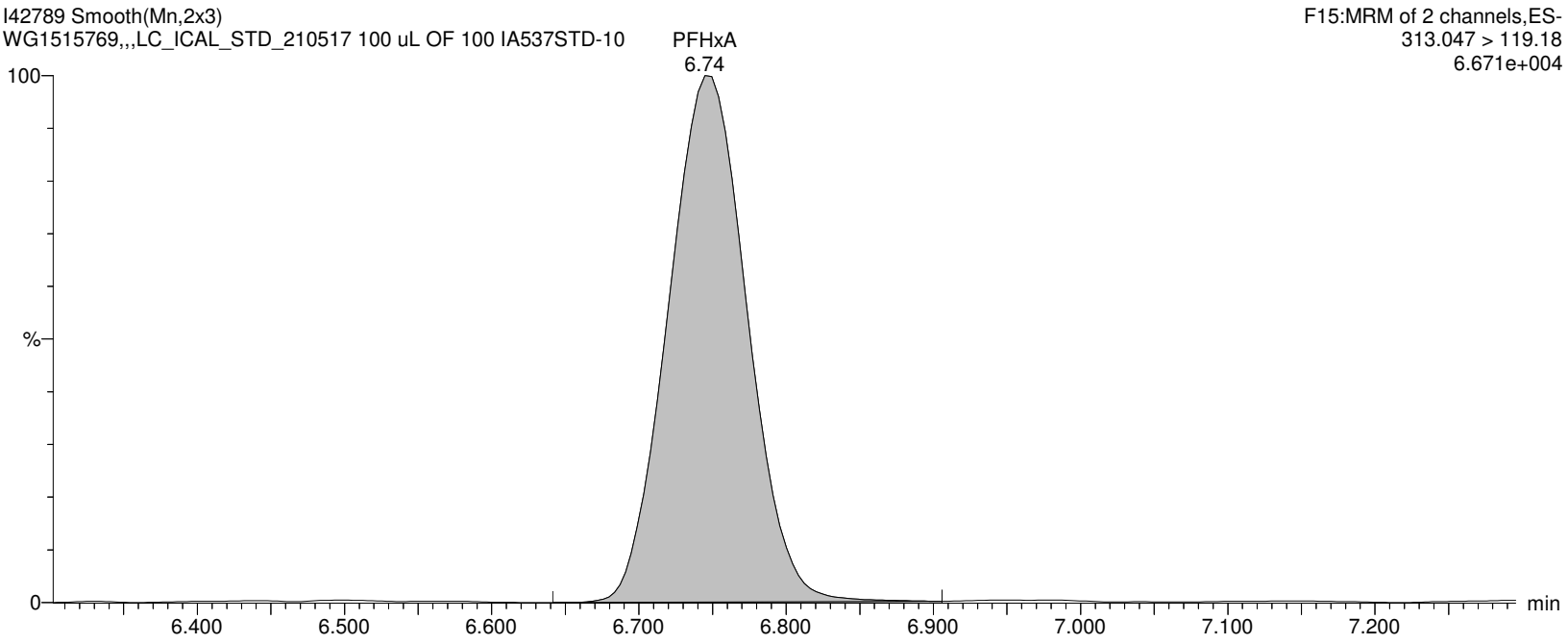
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxA



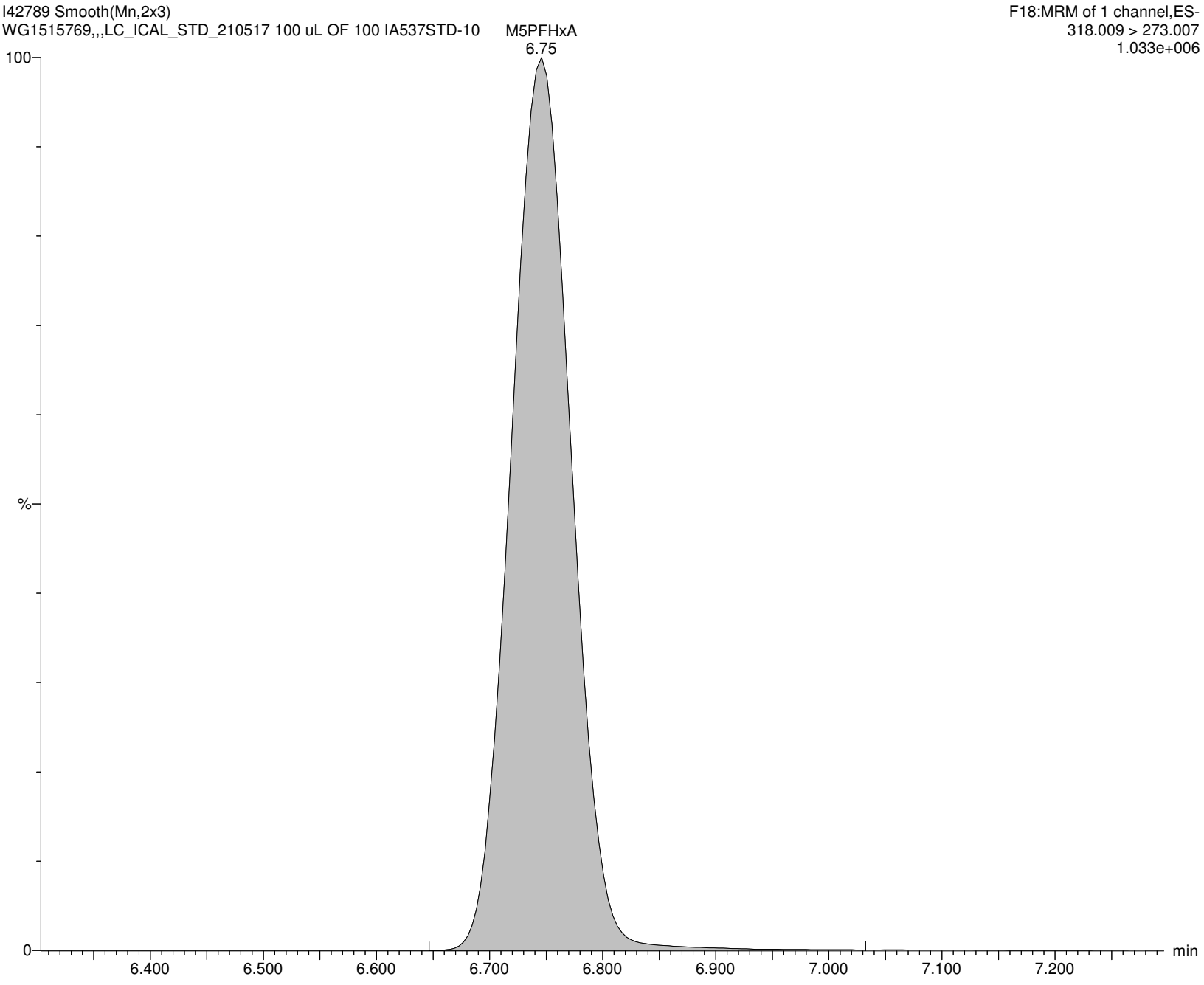


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFHxA

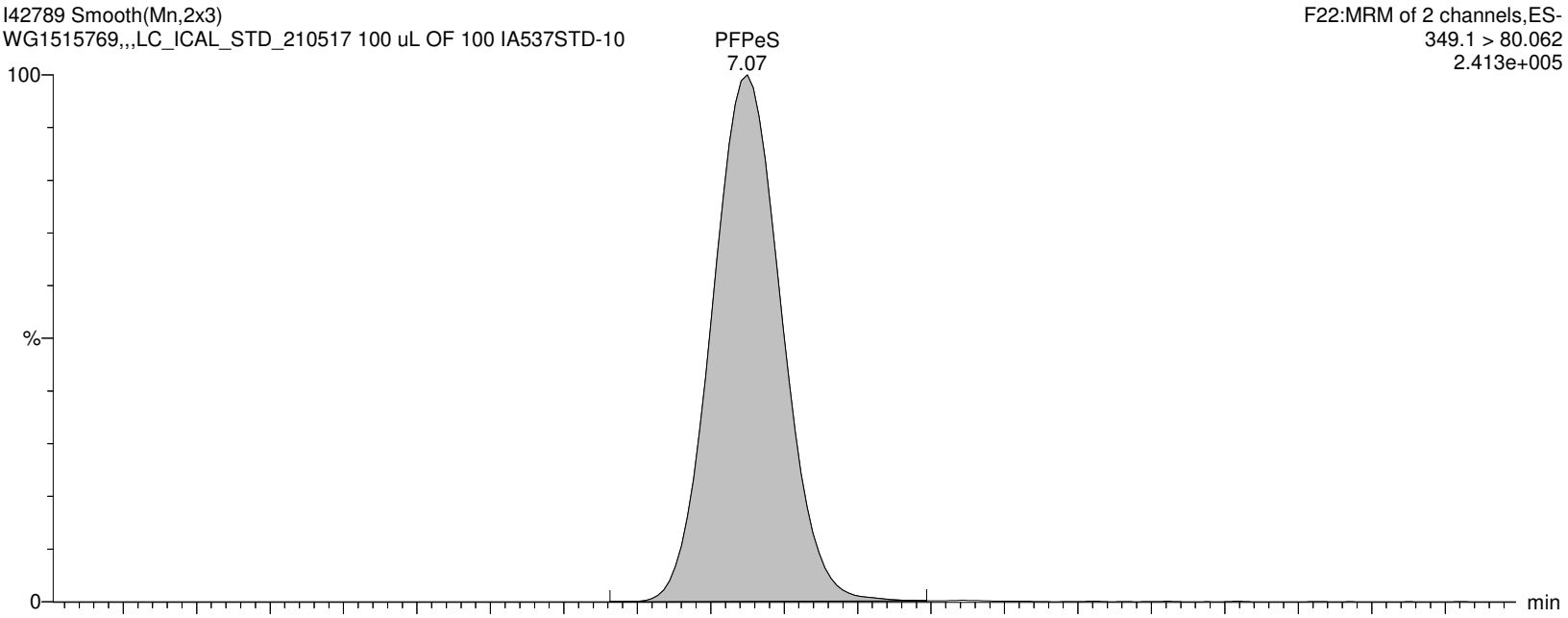


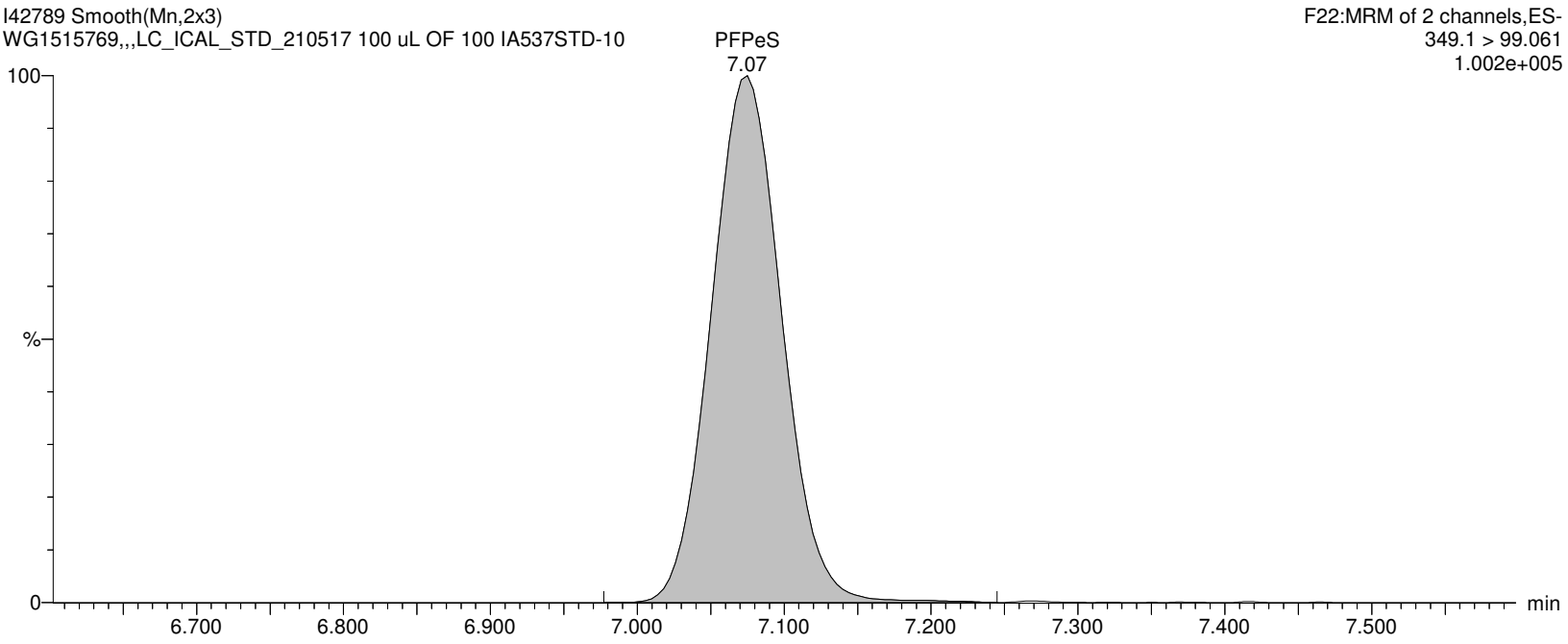
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeS



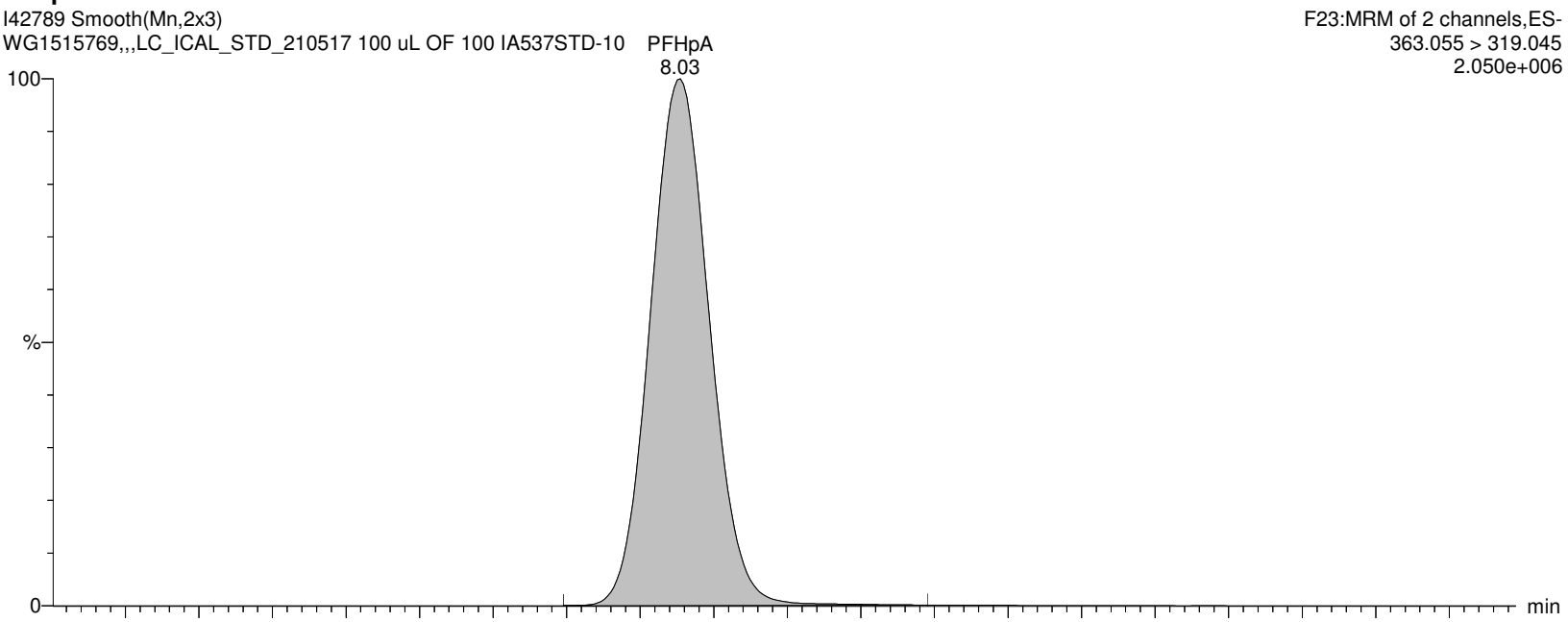


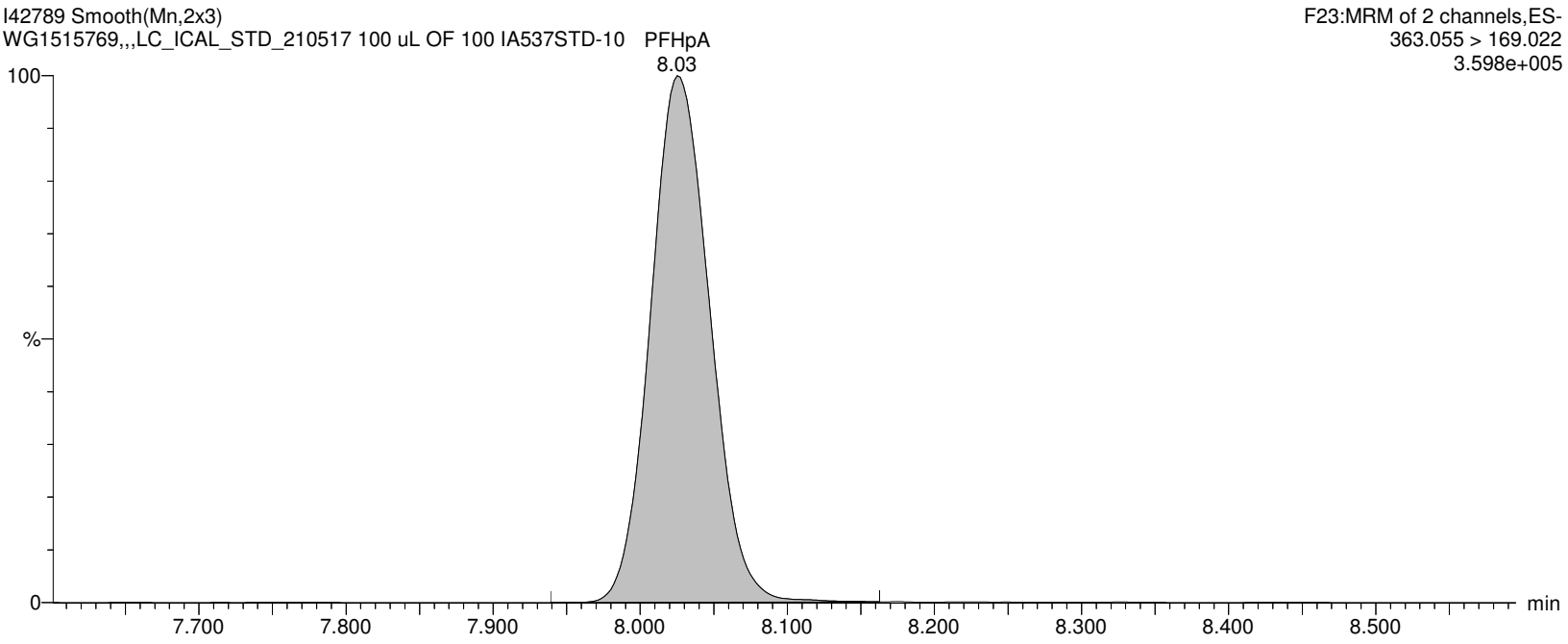
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpA



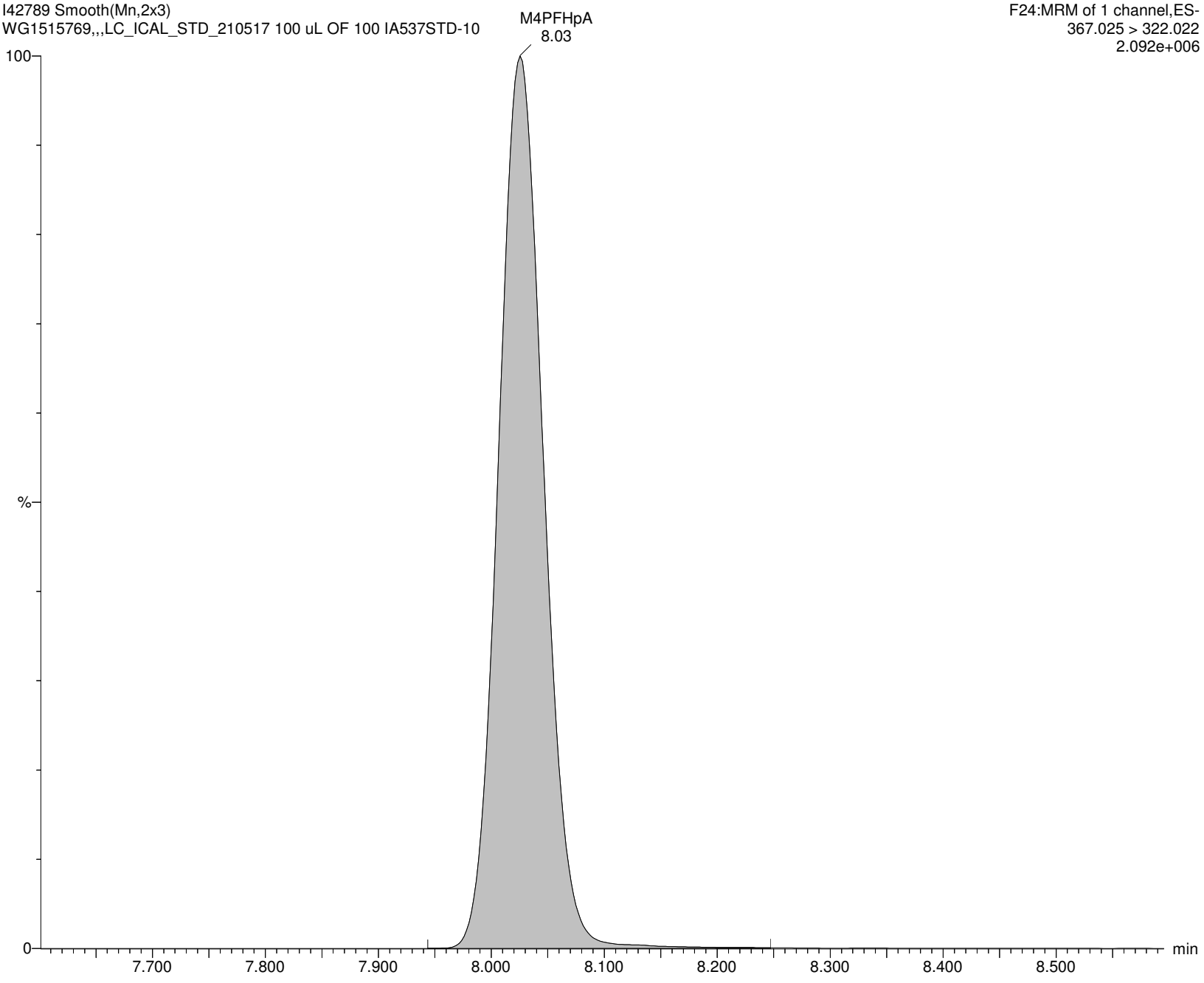


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFHpA

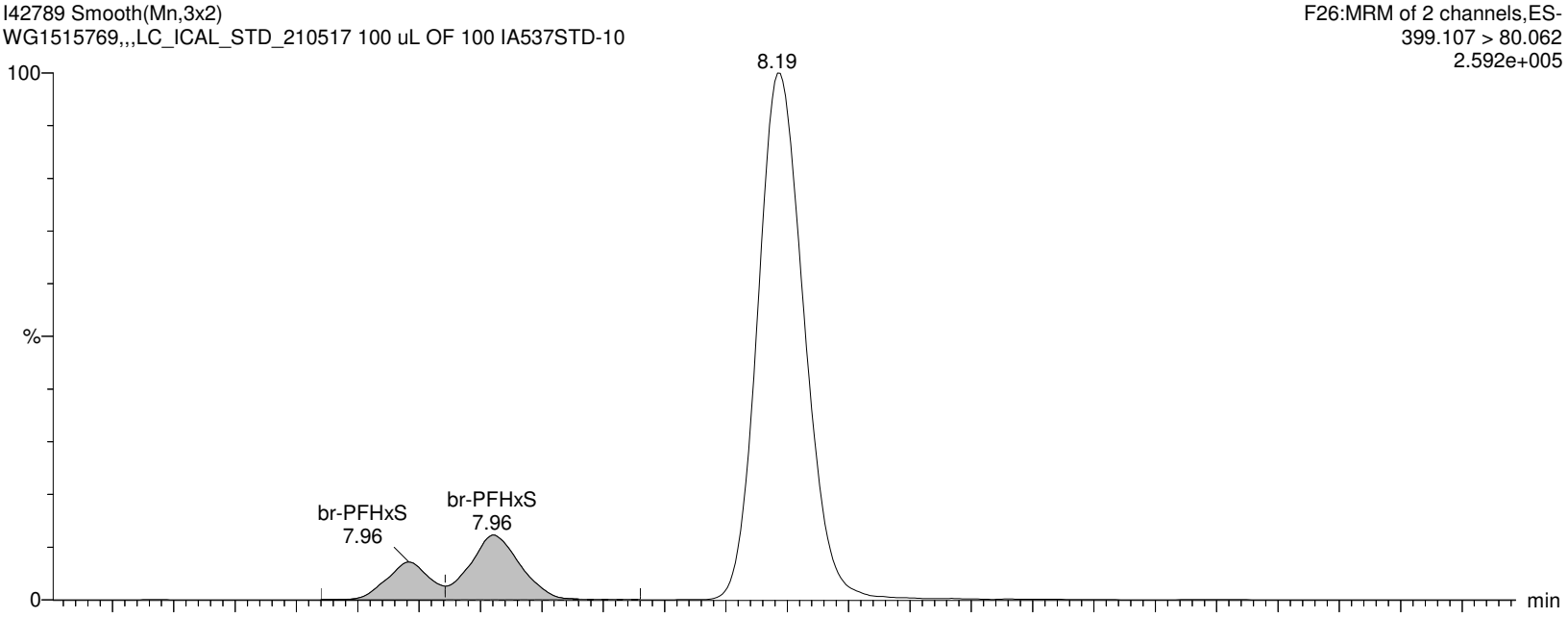


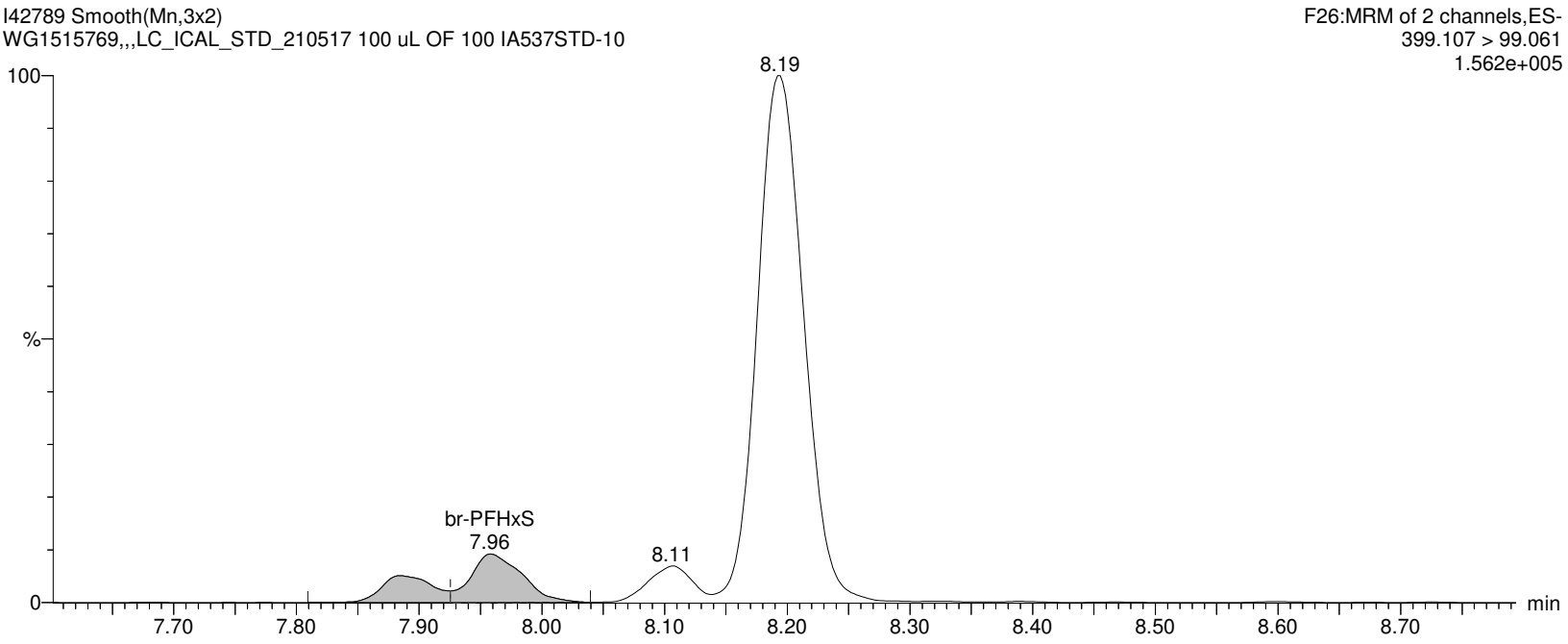
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFHxS



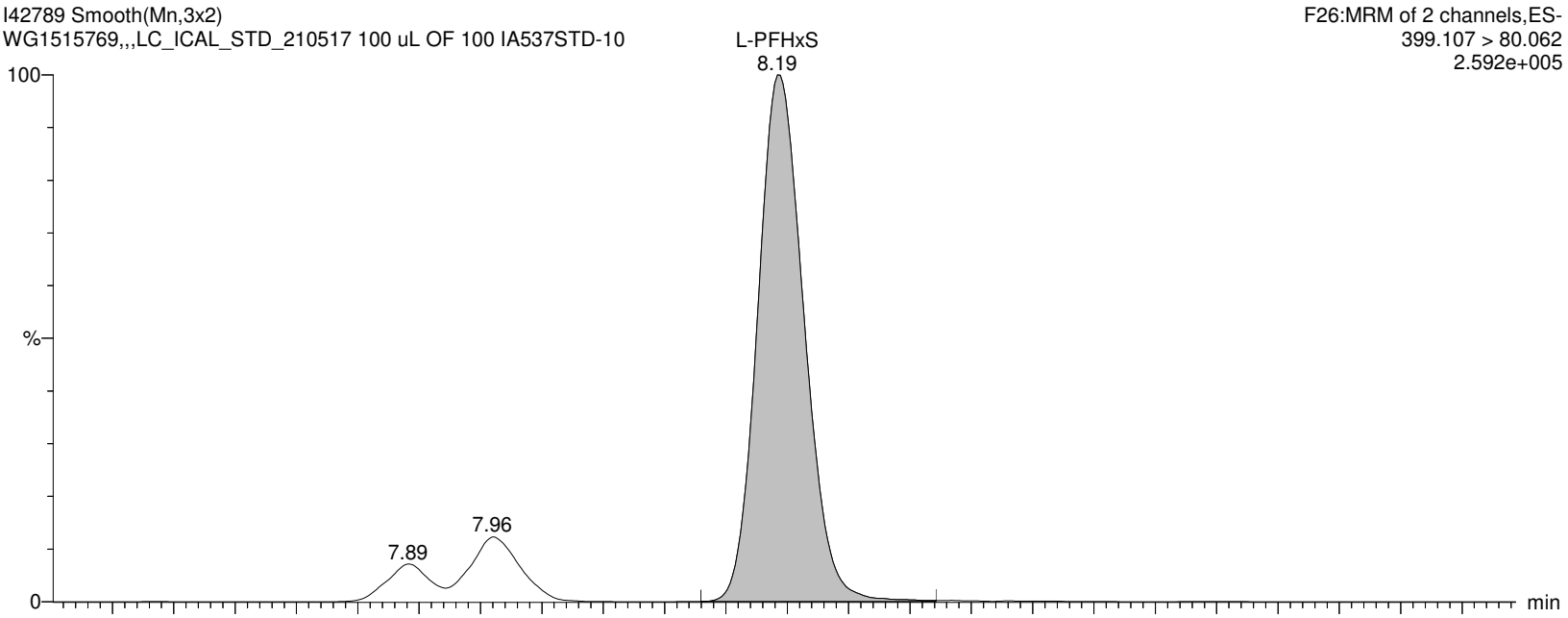


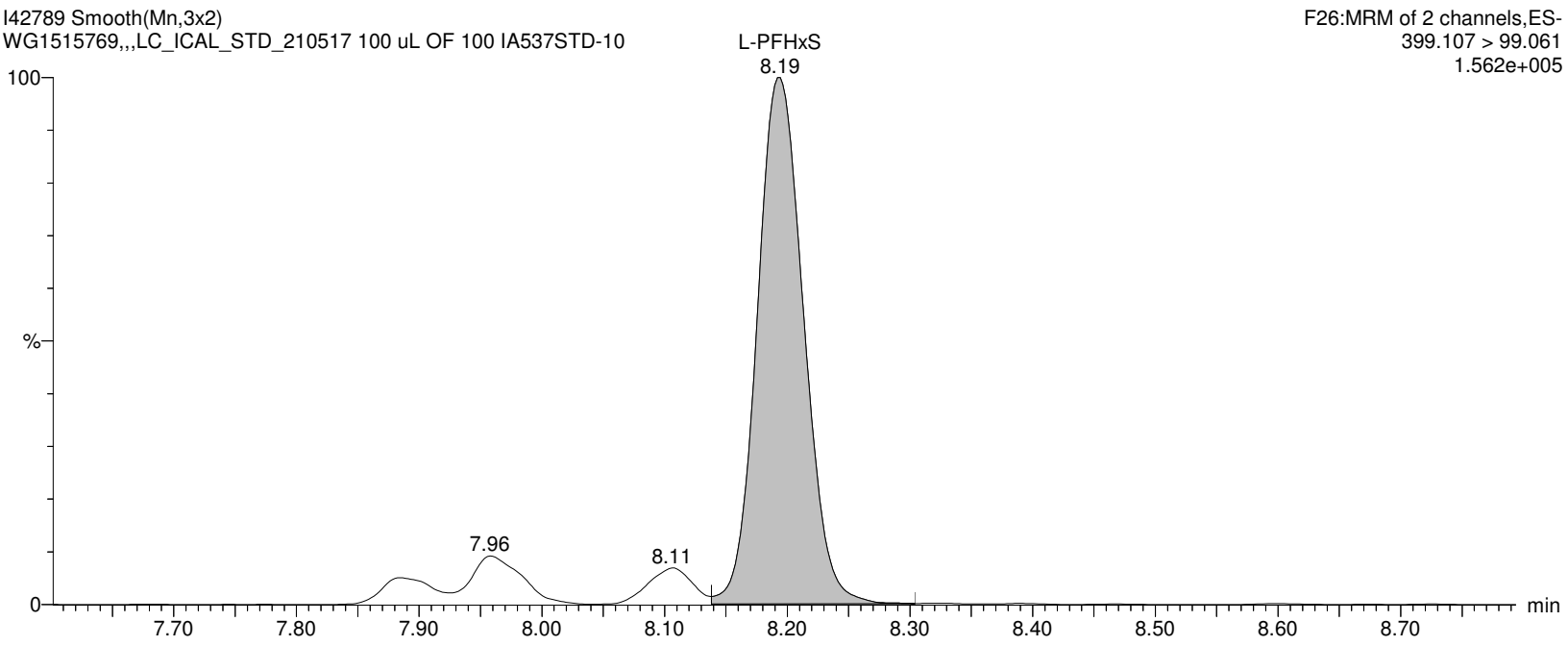
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFHxS



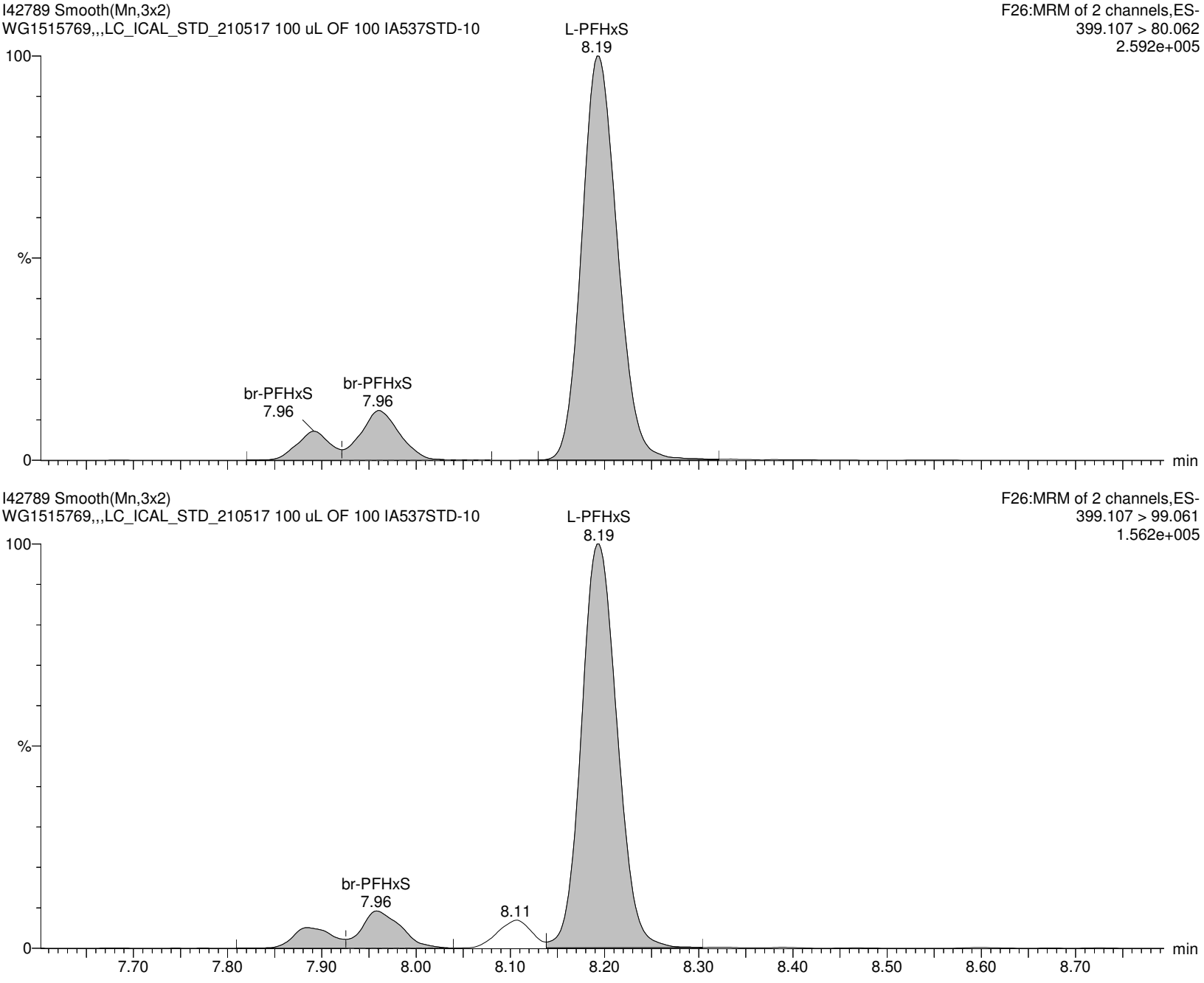


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxS

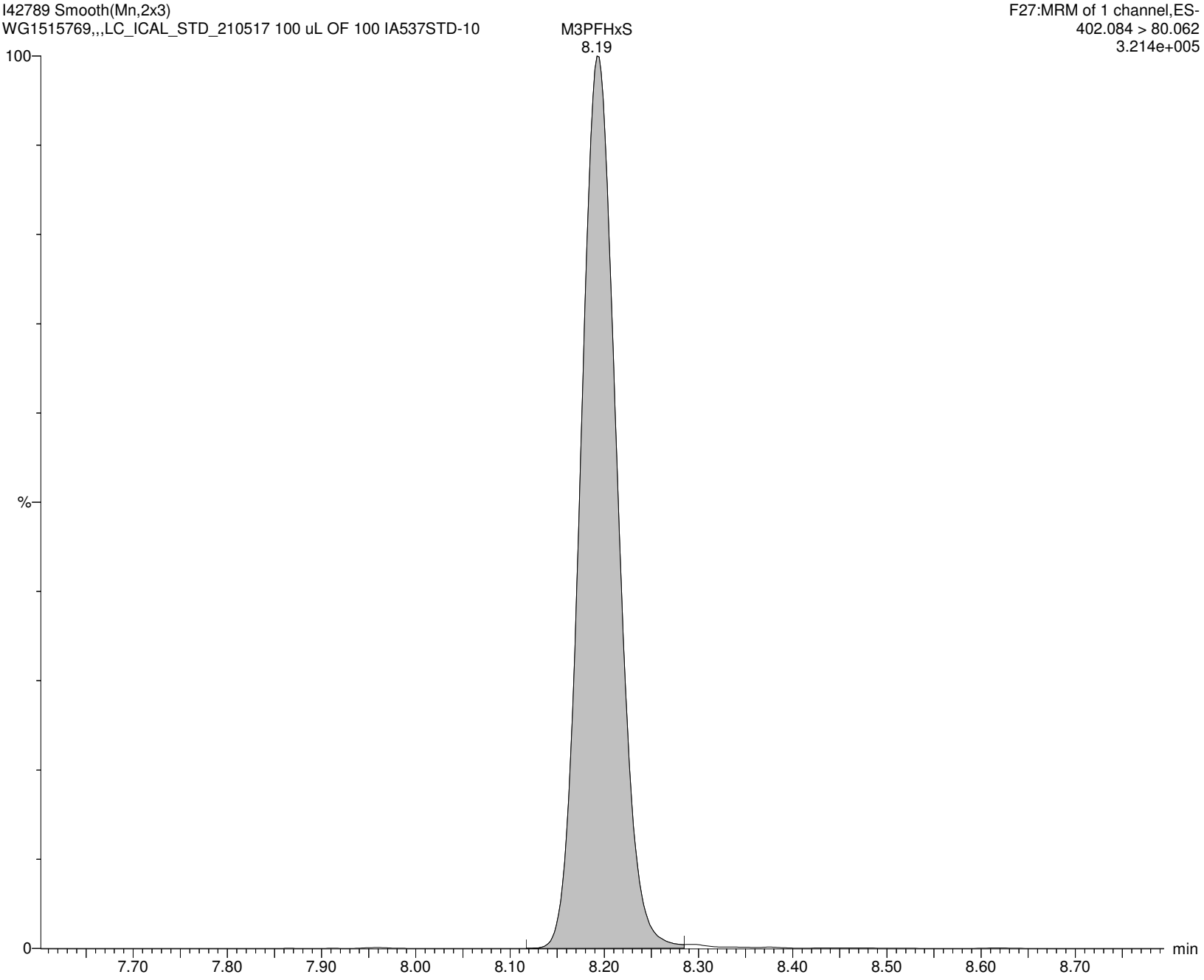


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFHxS

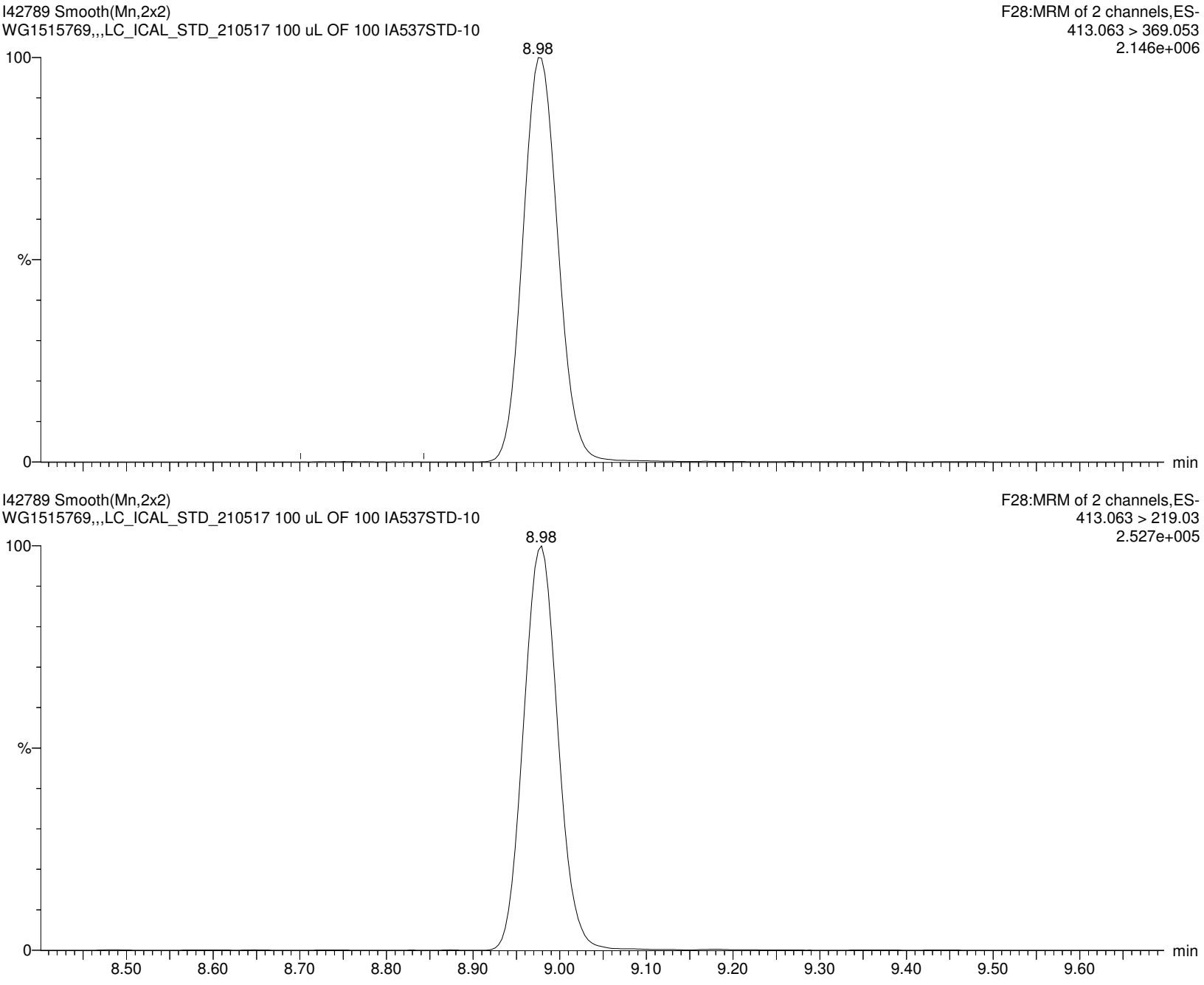


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOA

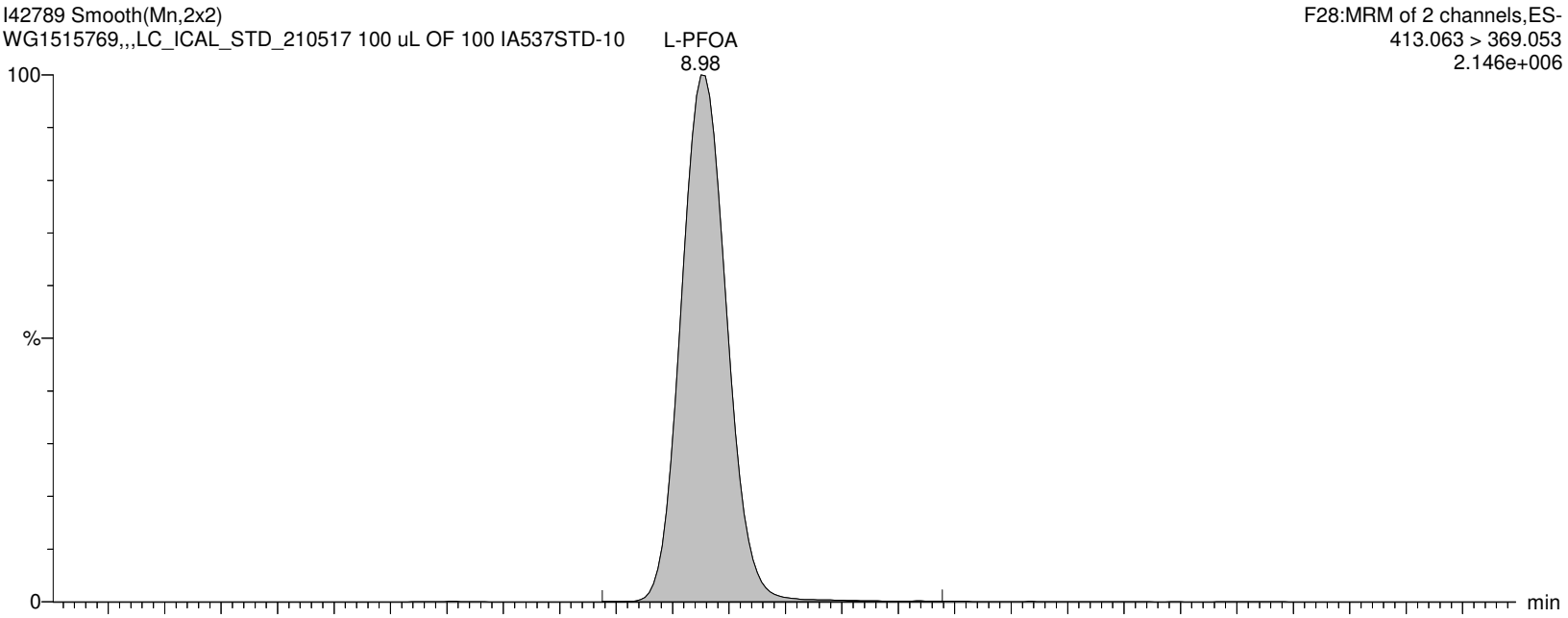


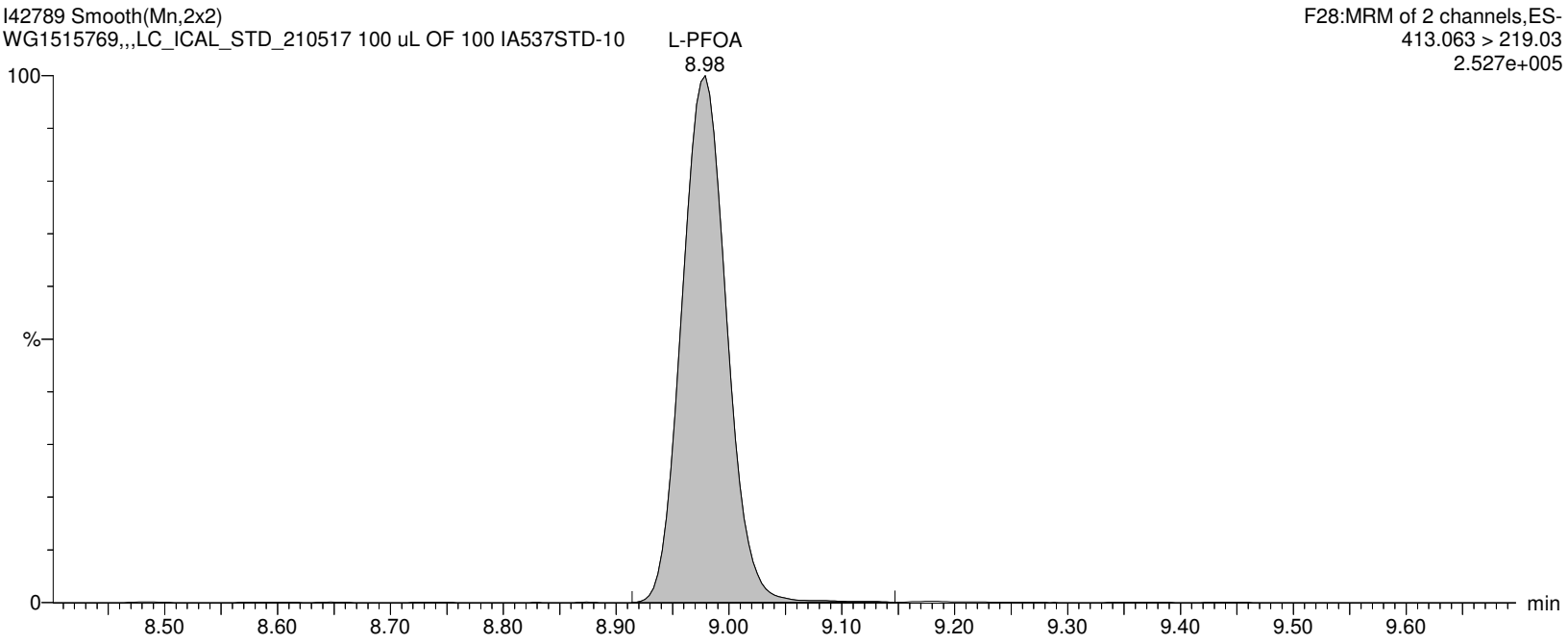
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOA



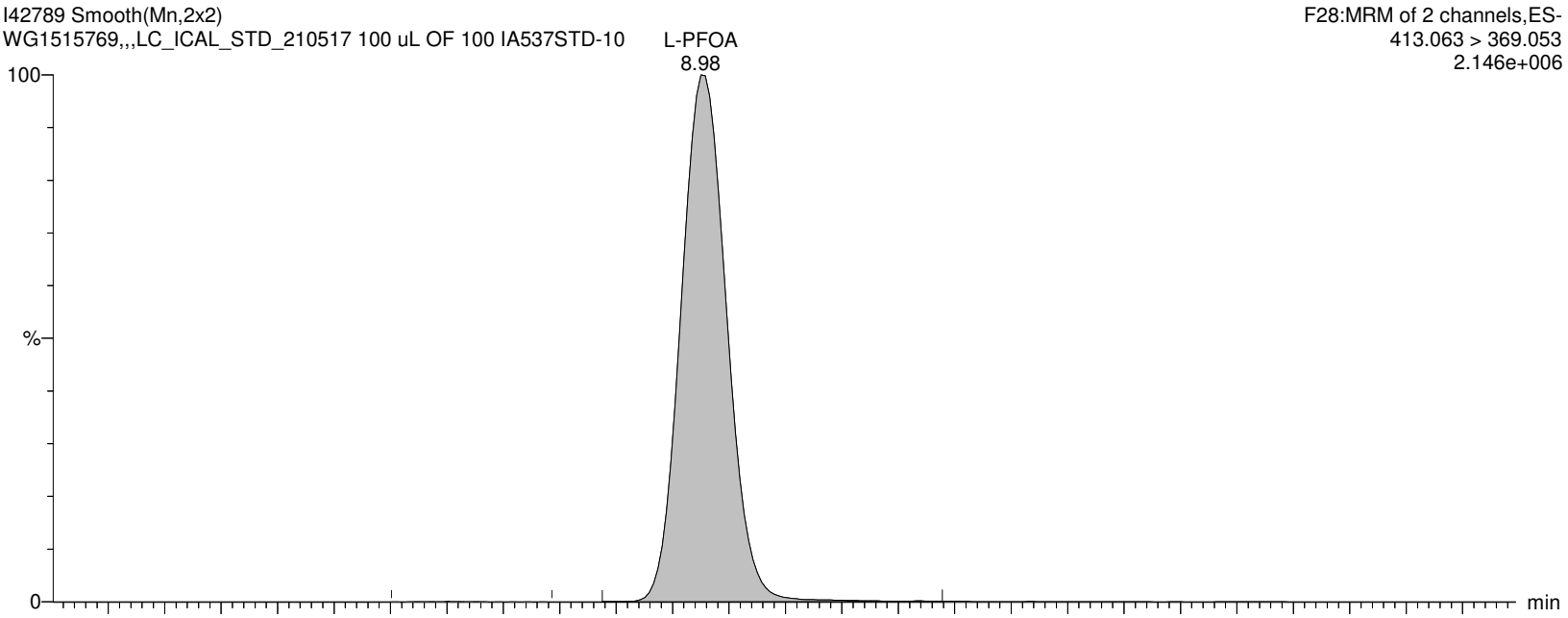


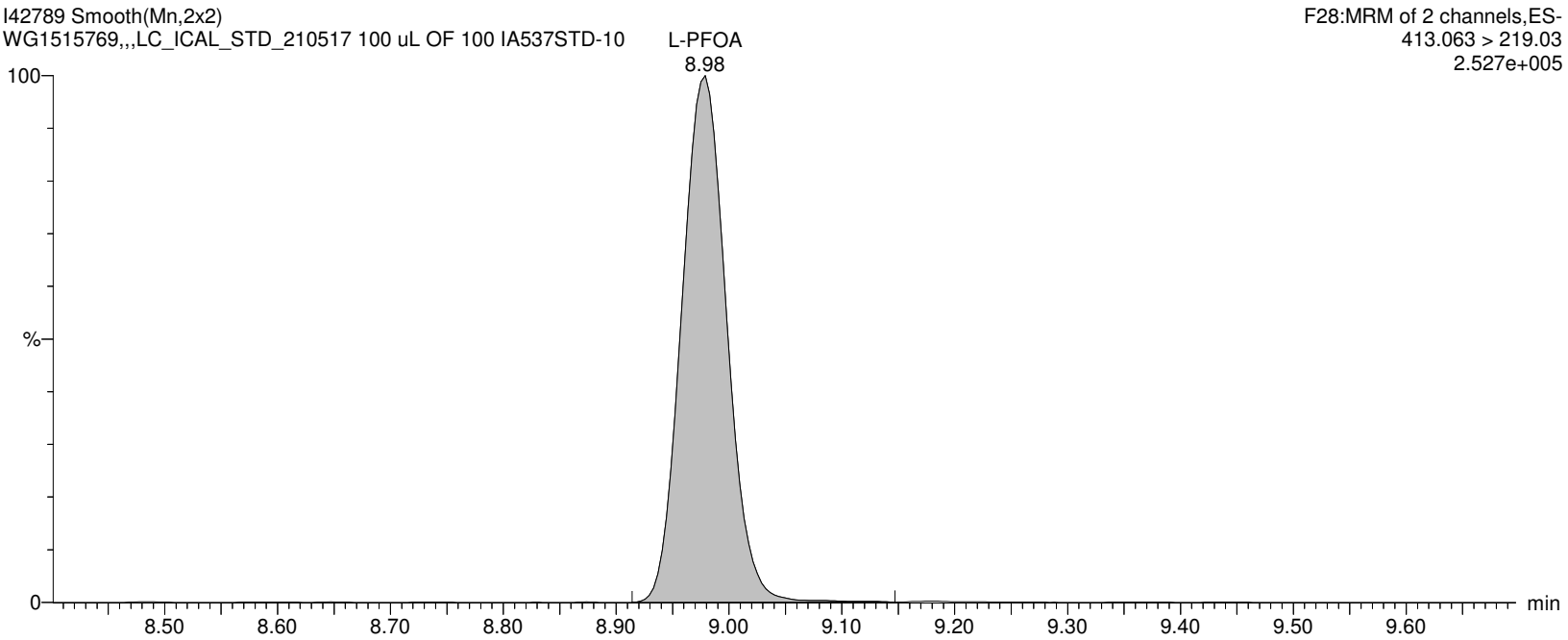
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOA



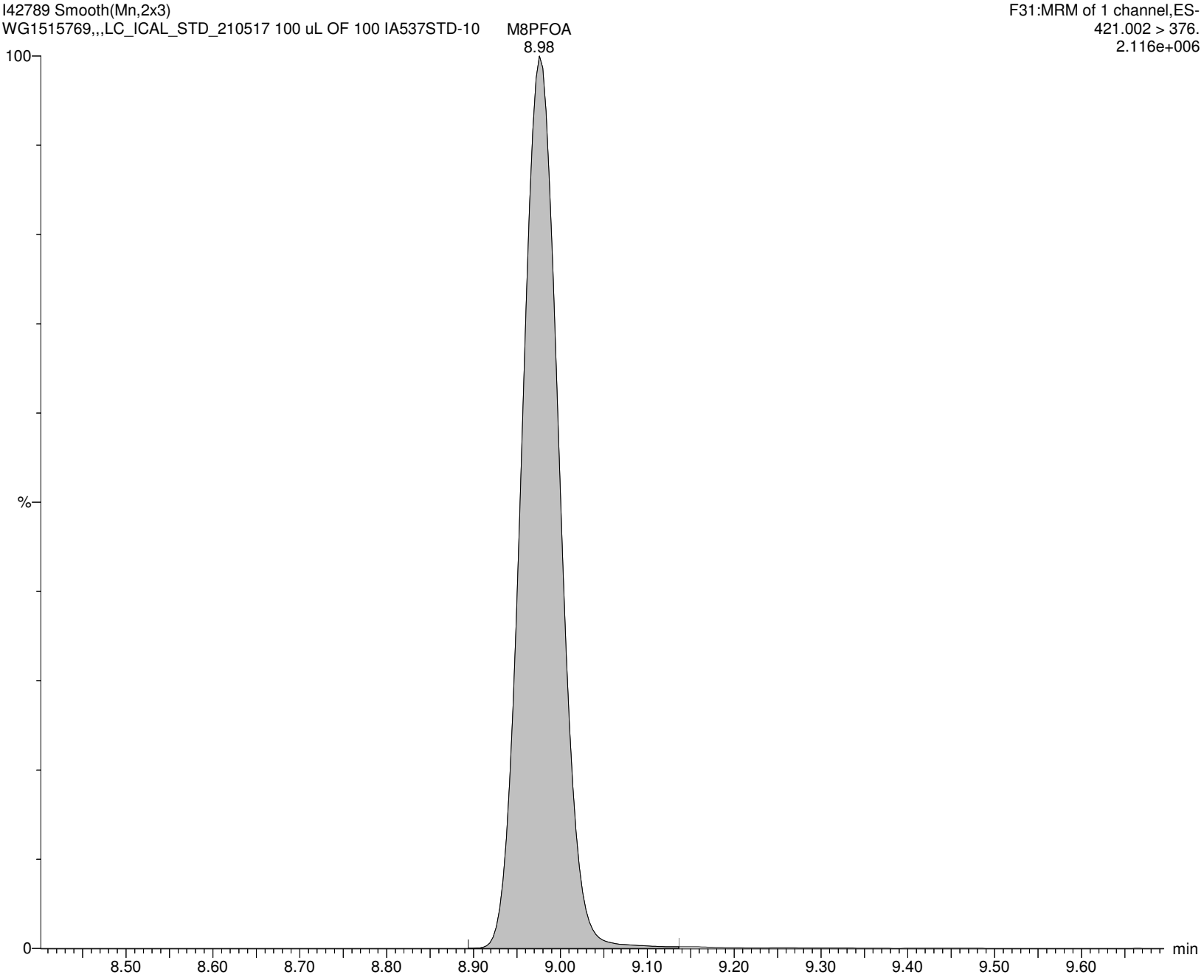


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOA

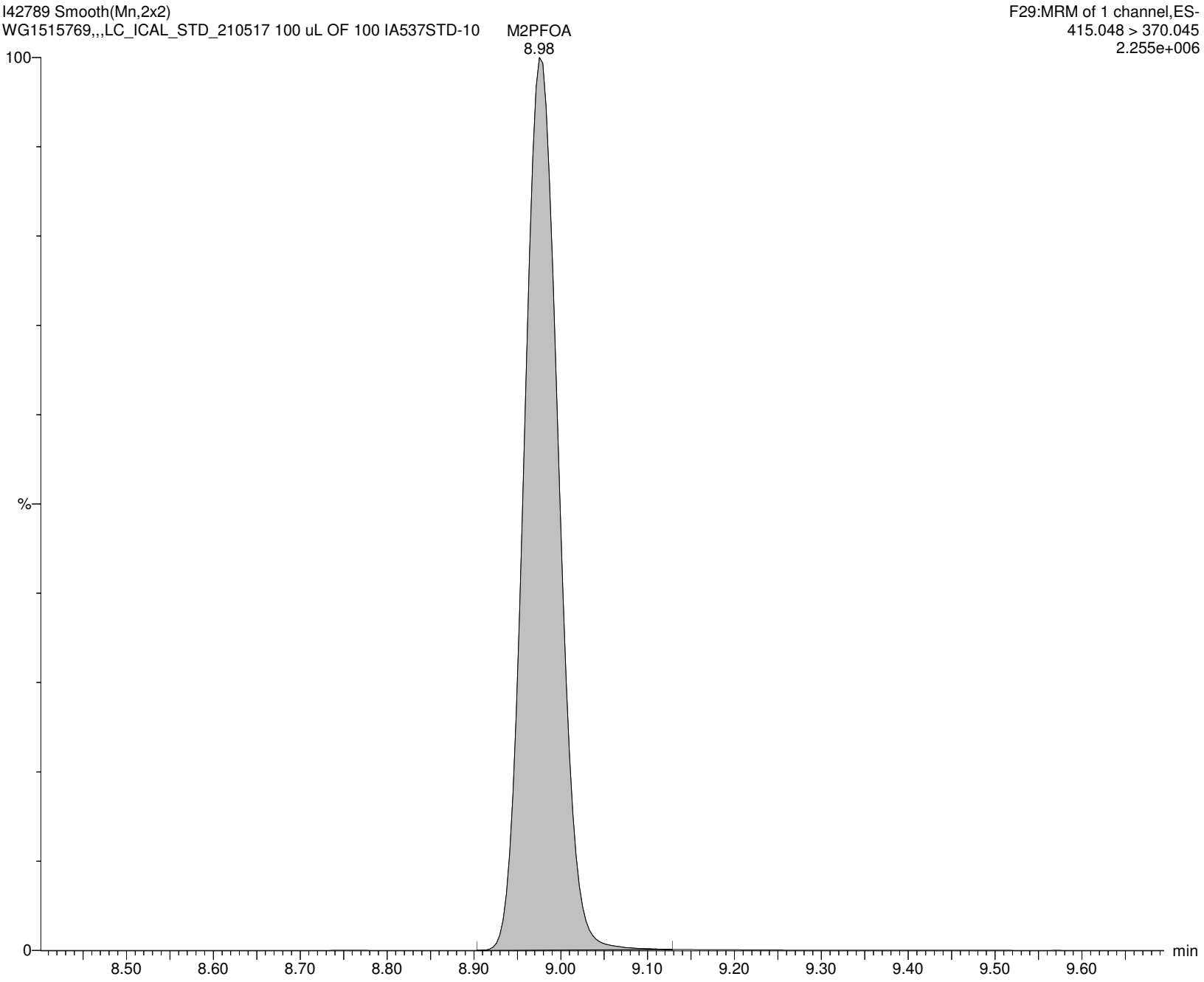


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFOA

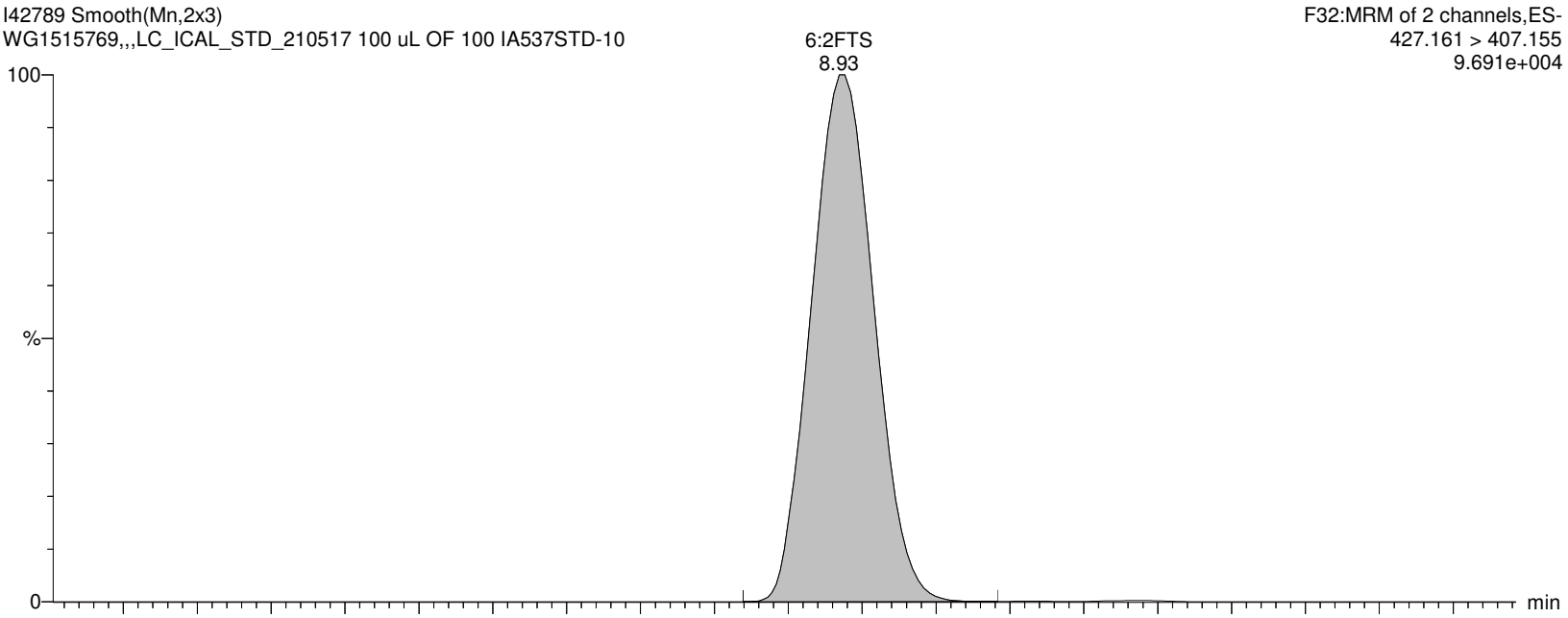


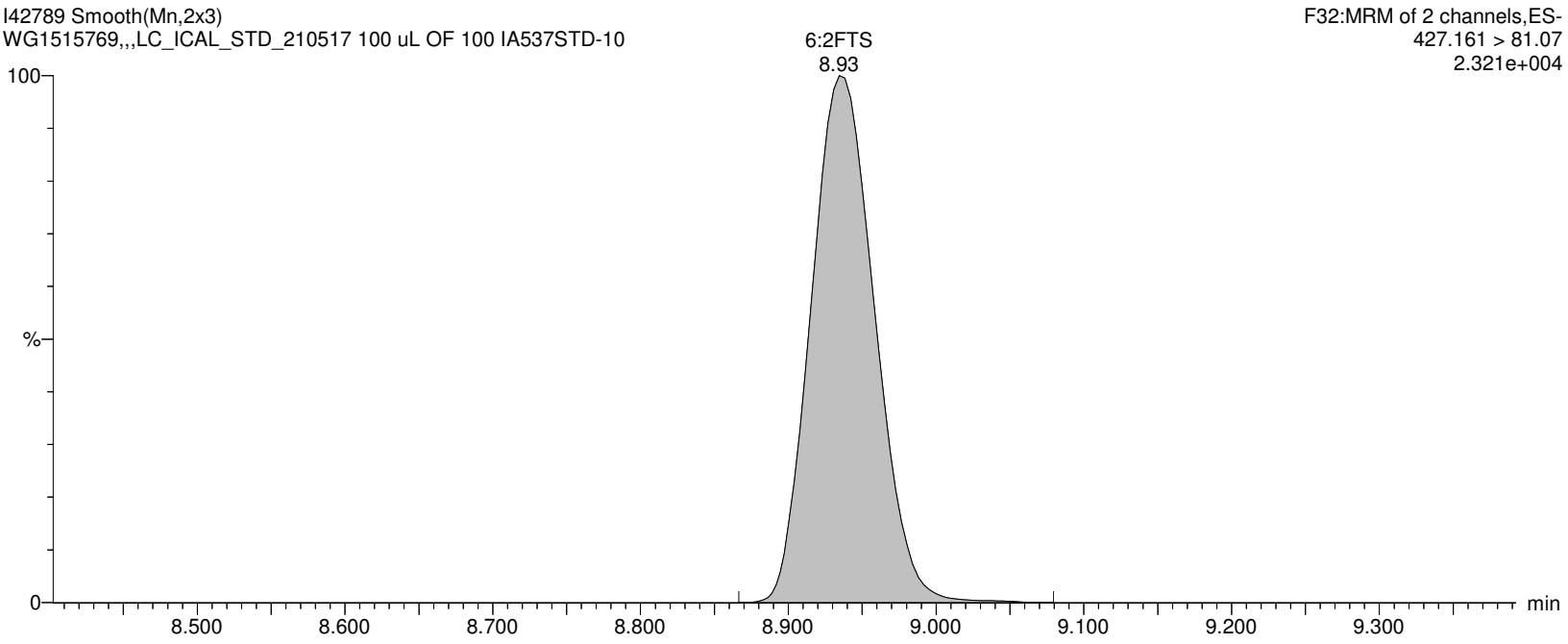
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

6:2FTS



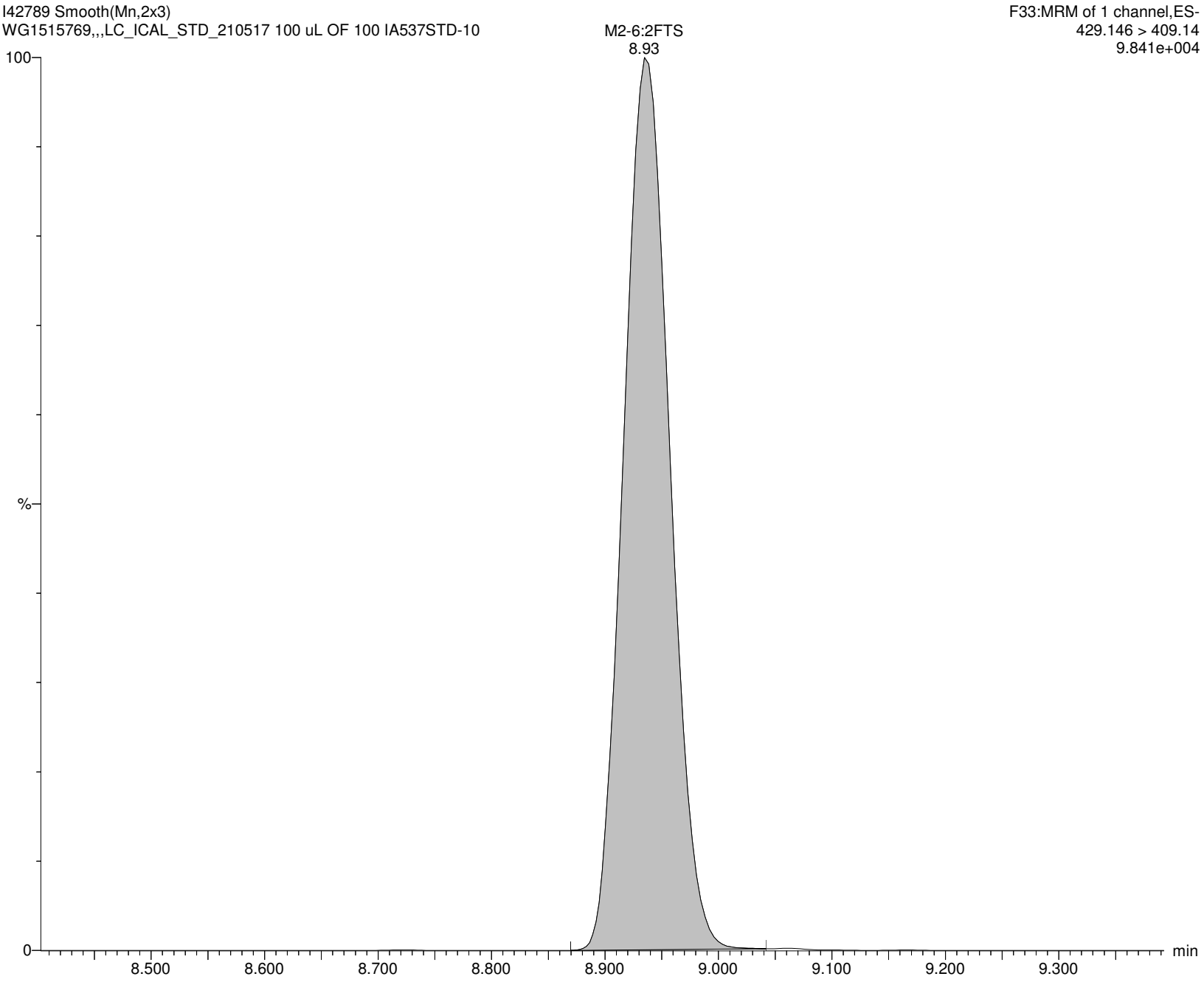


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-6:2FTS

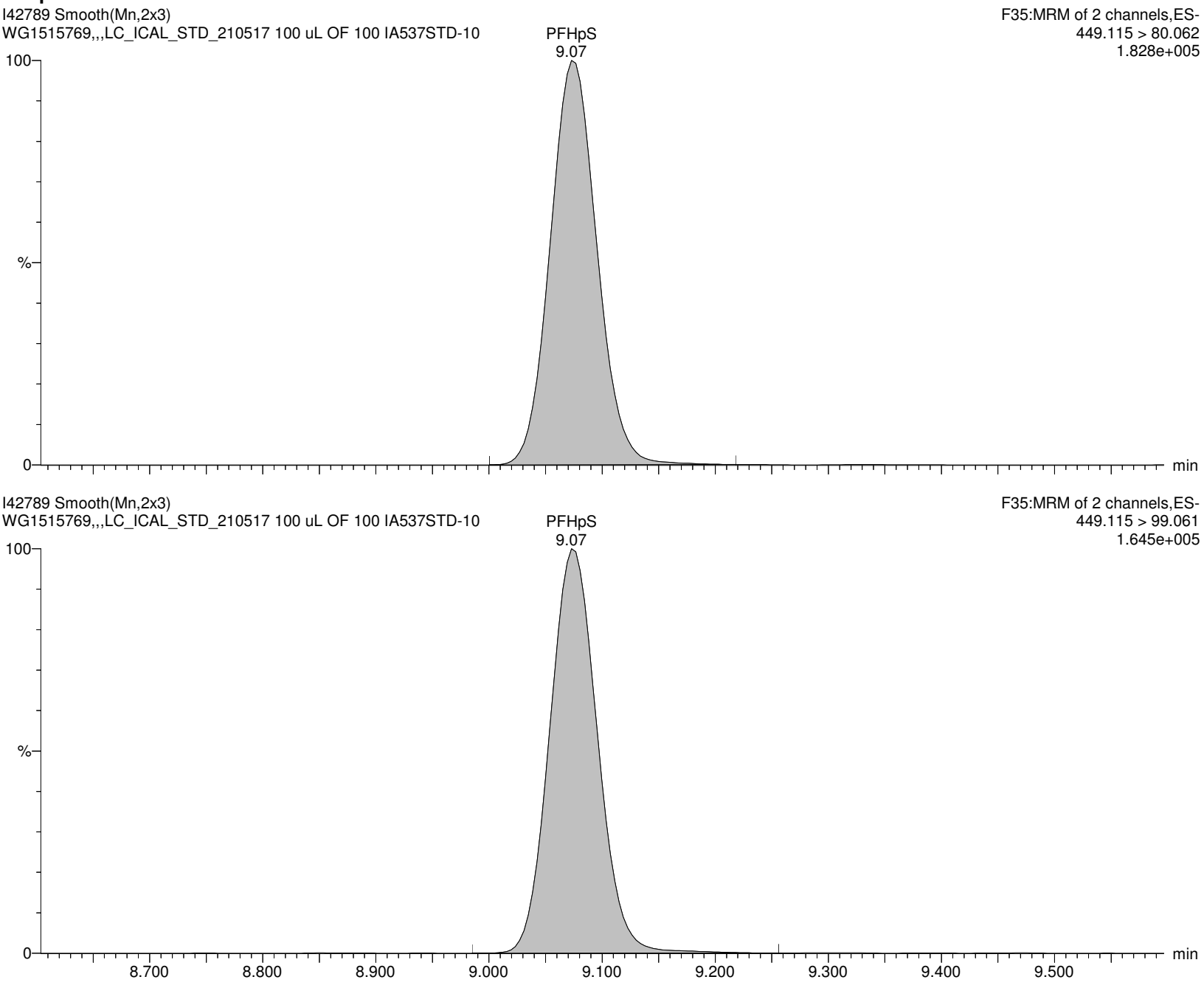


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpS

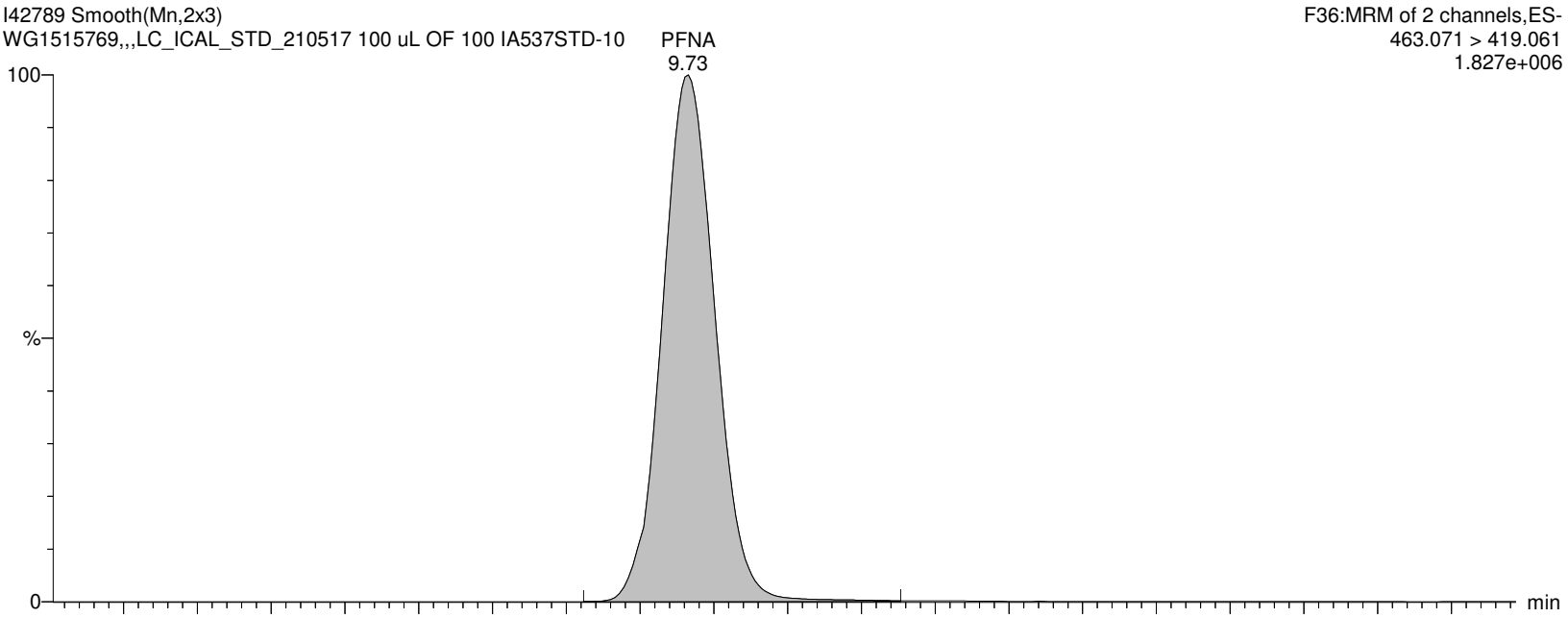


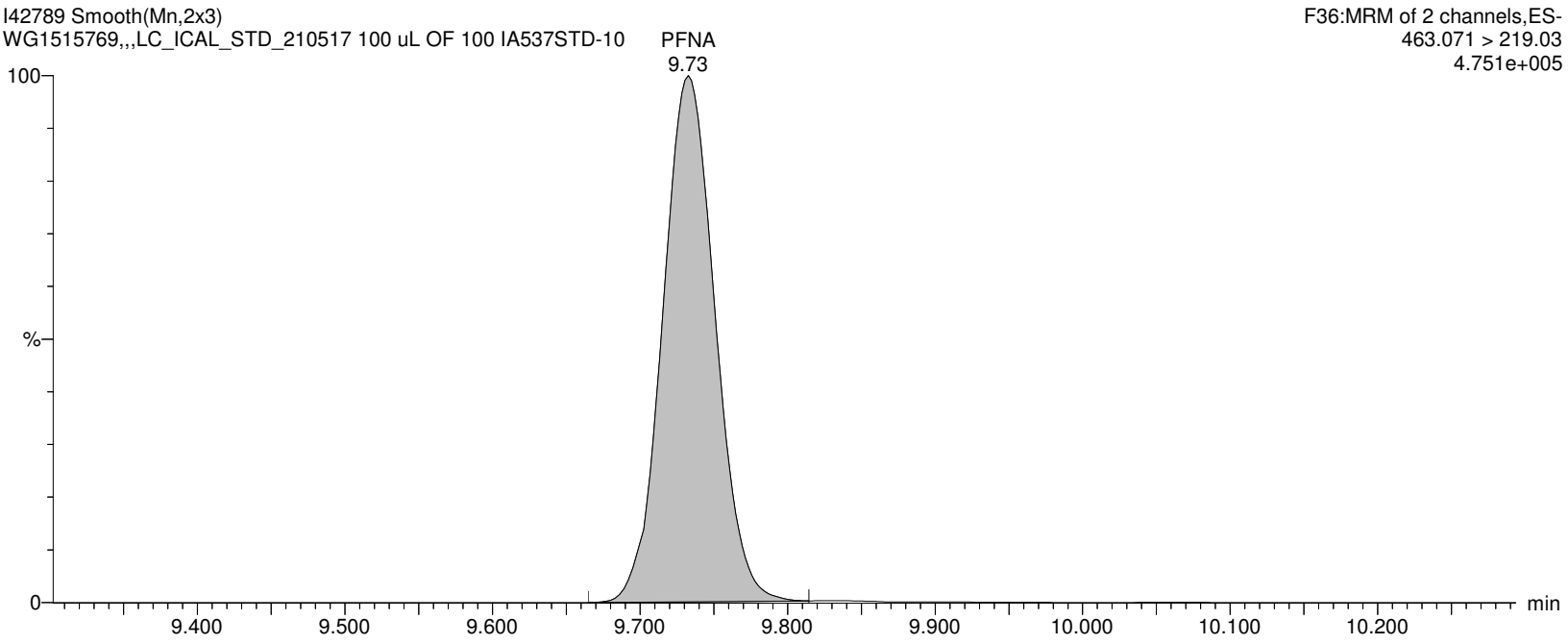
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNA



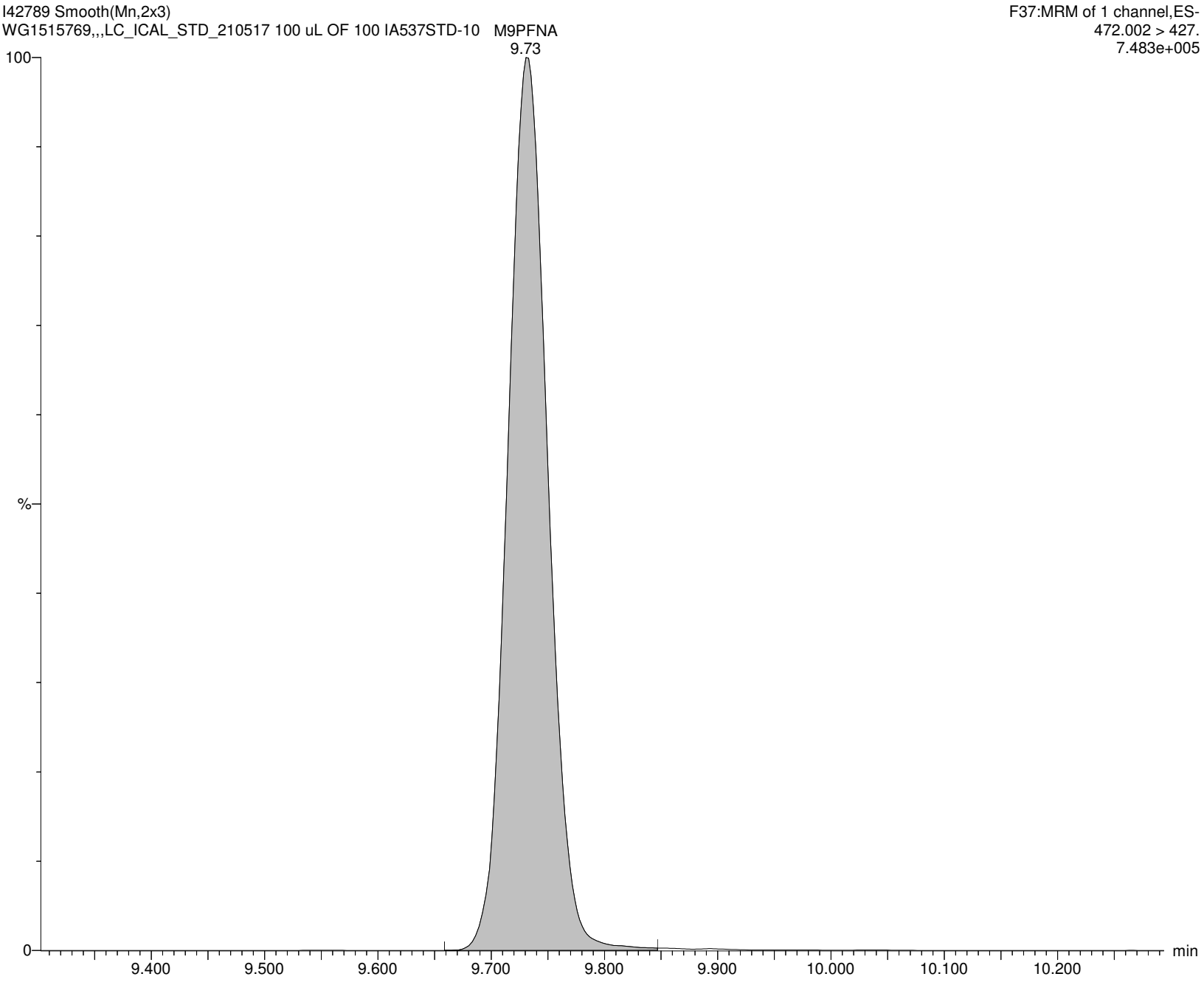


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M9PFNA

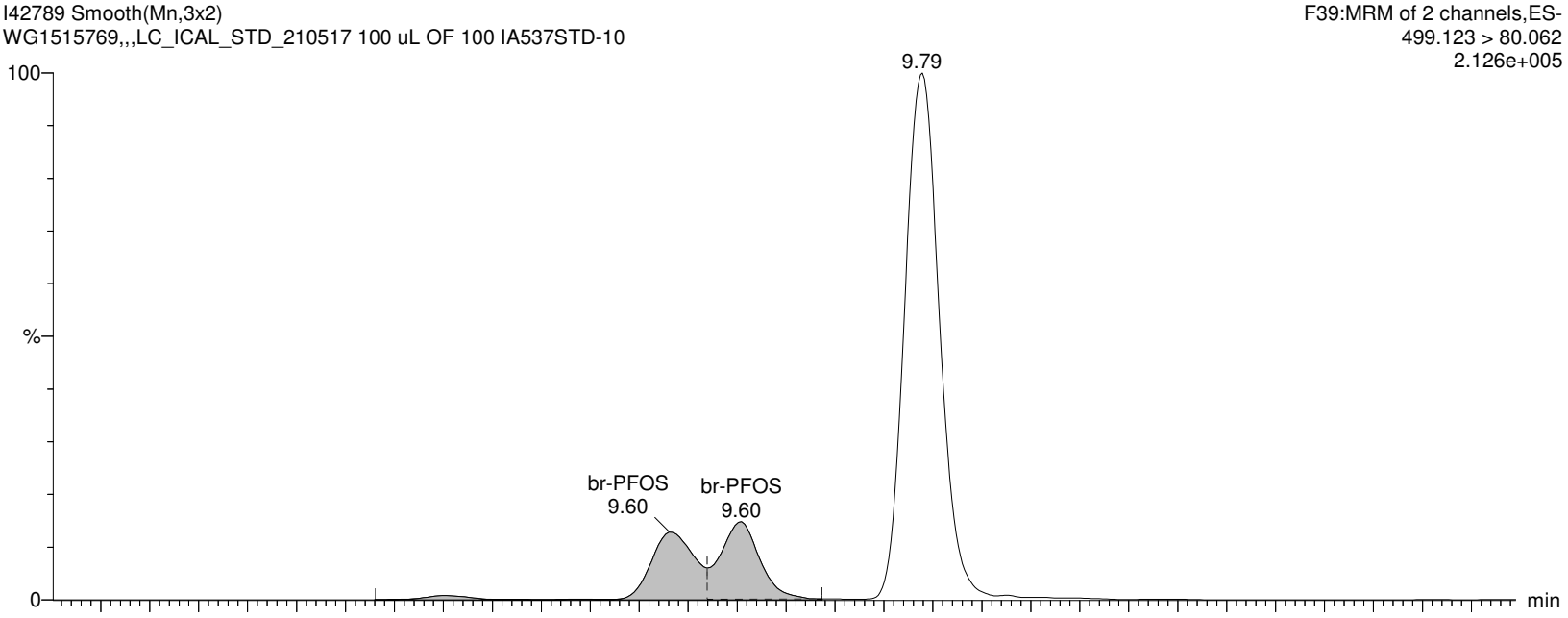


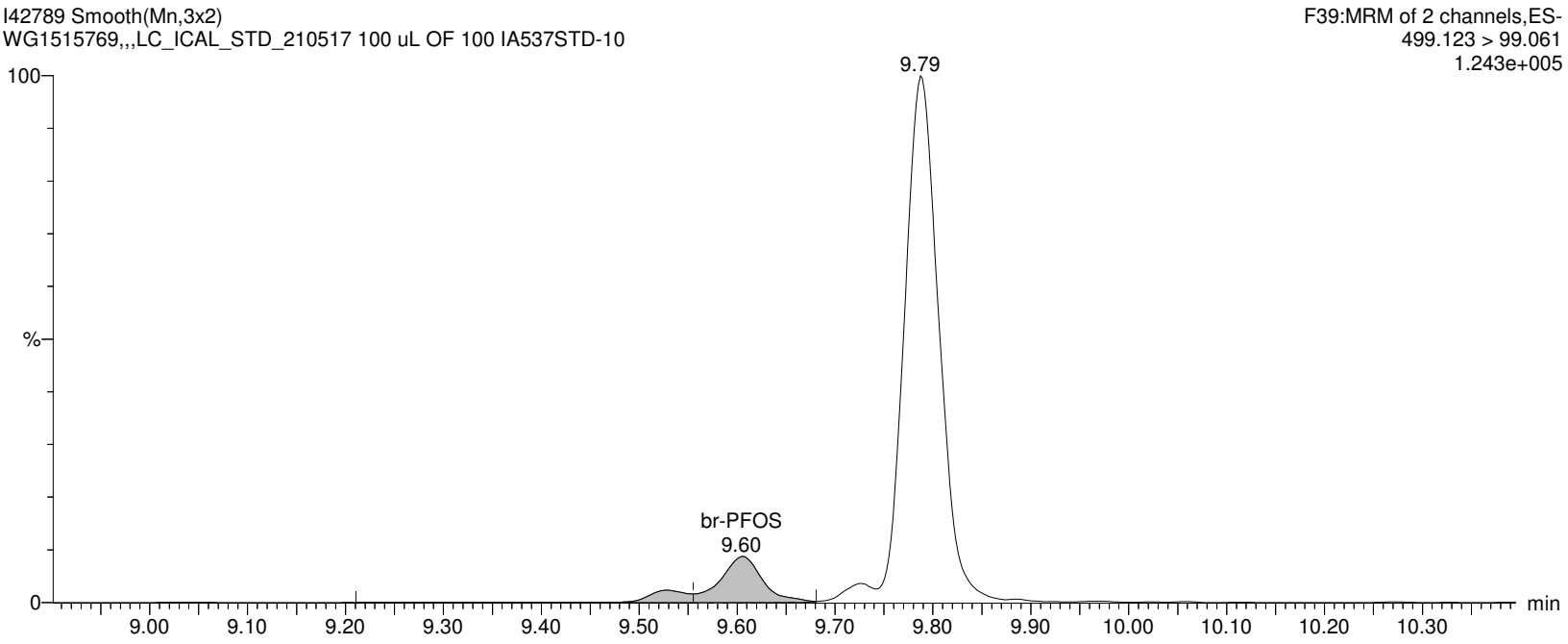
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOS



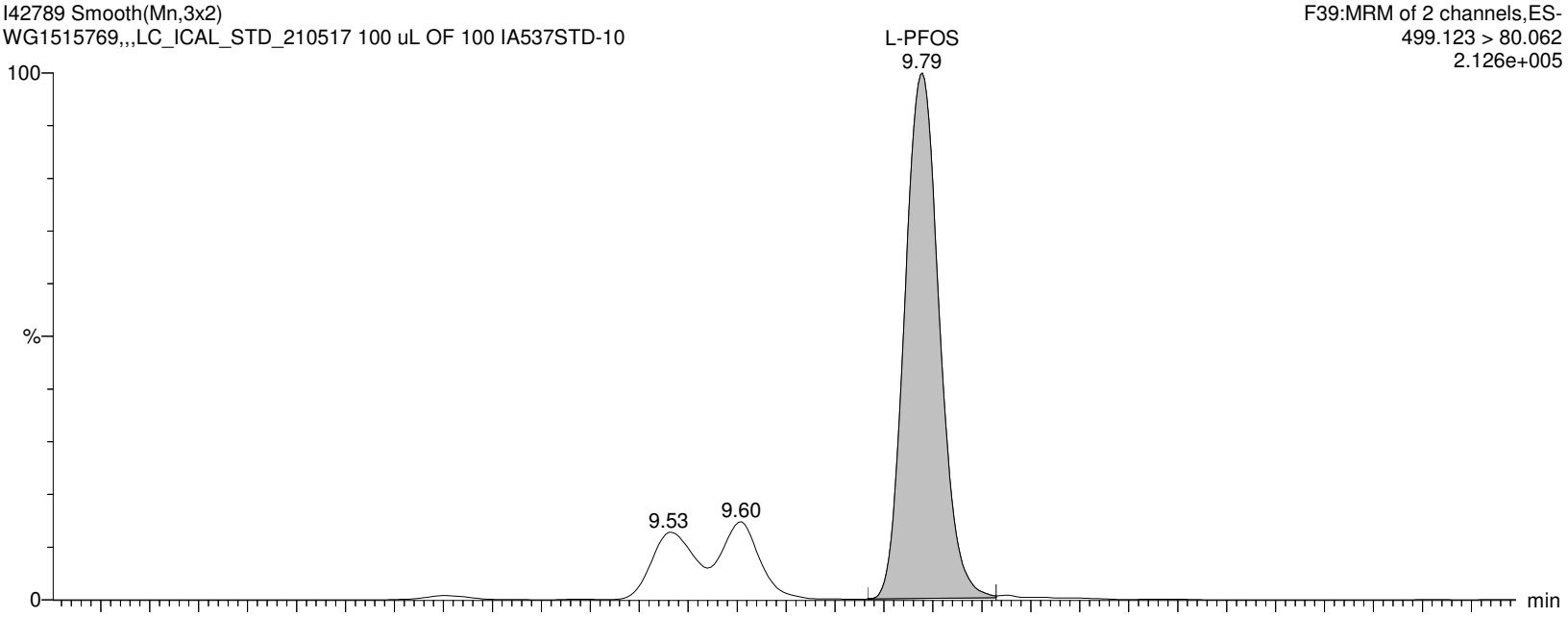


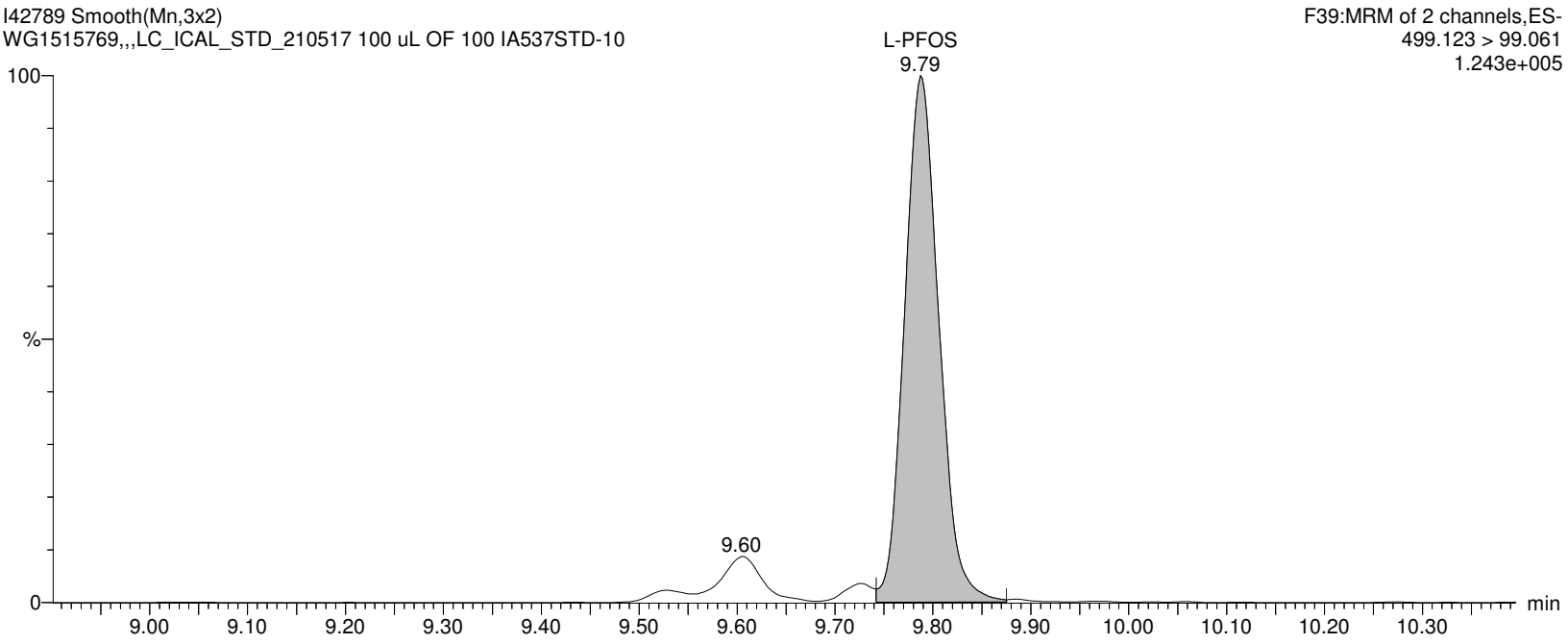
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOS



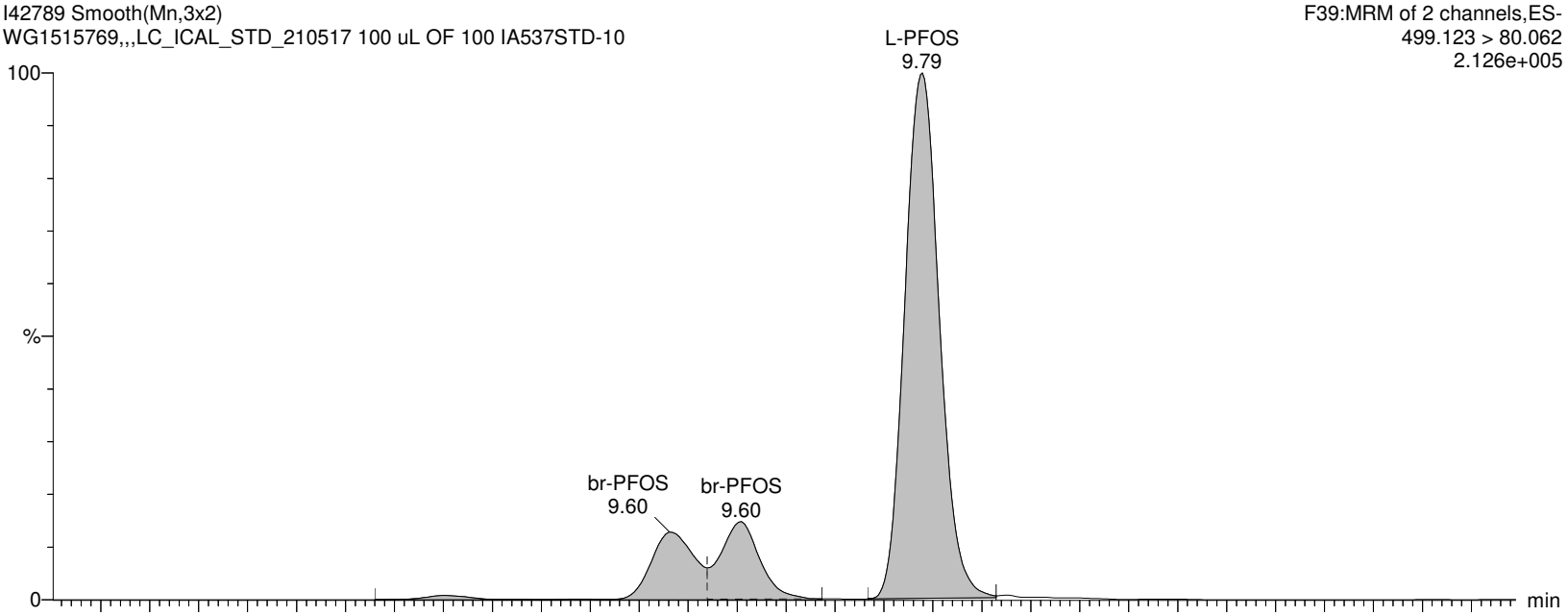


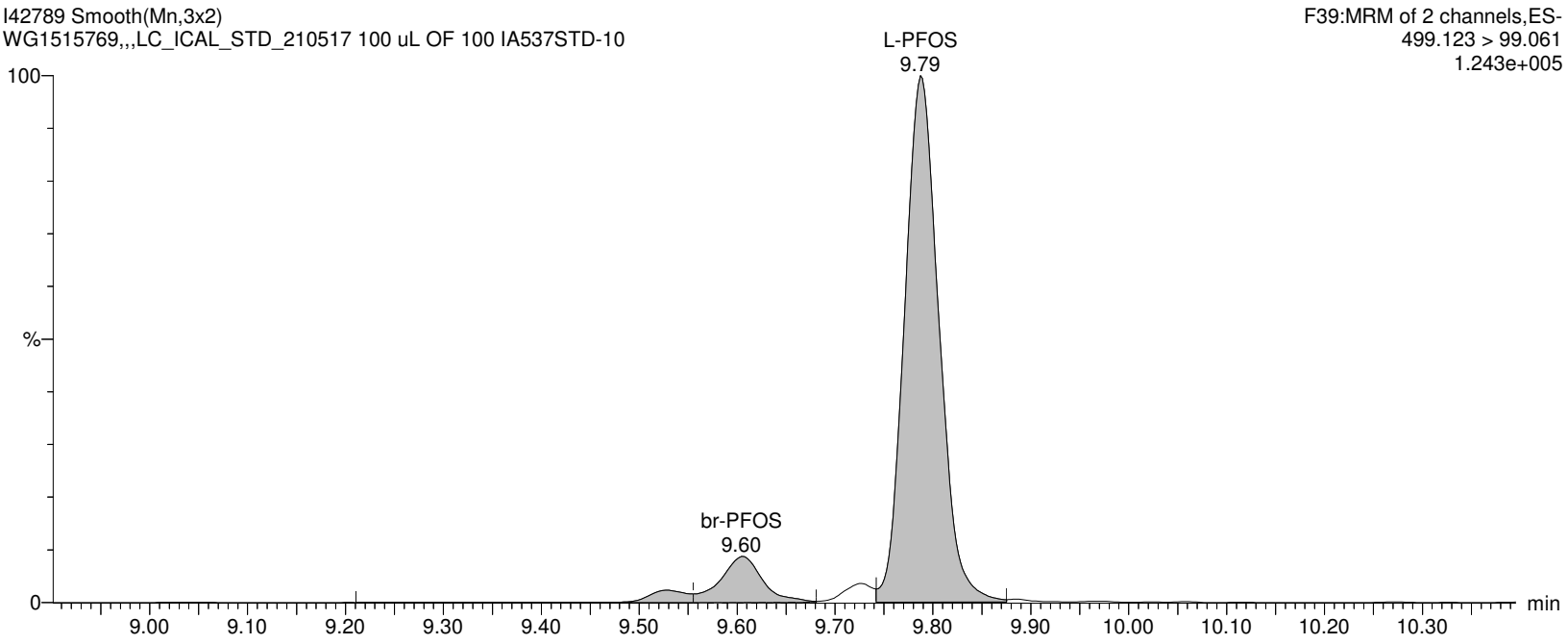
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOS



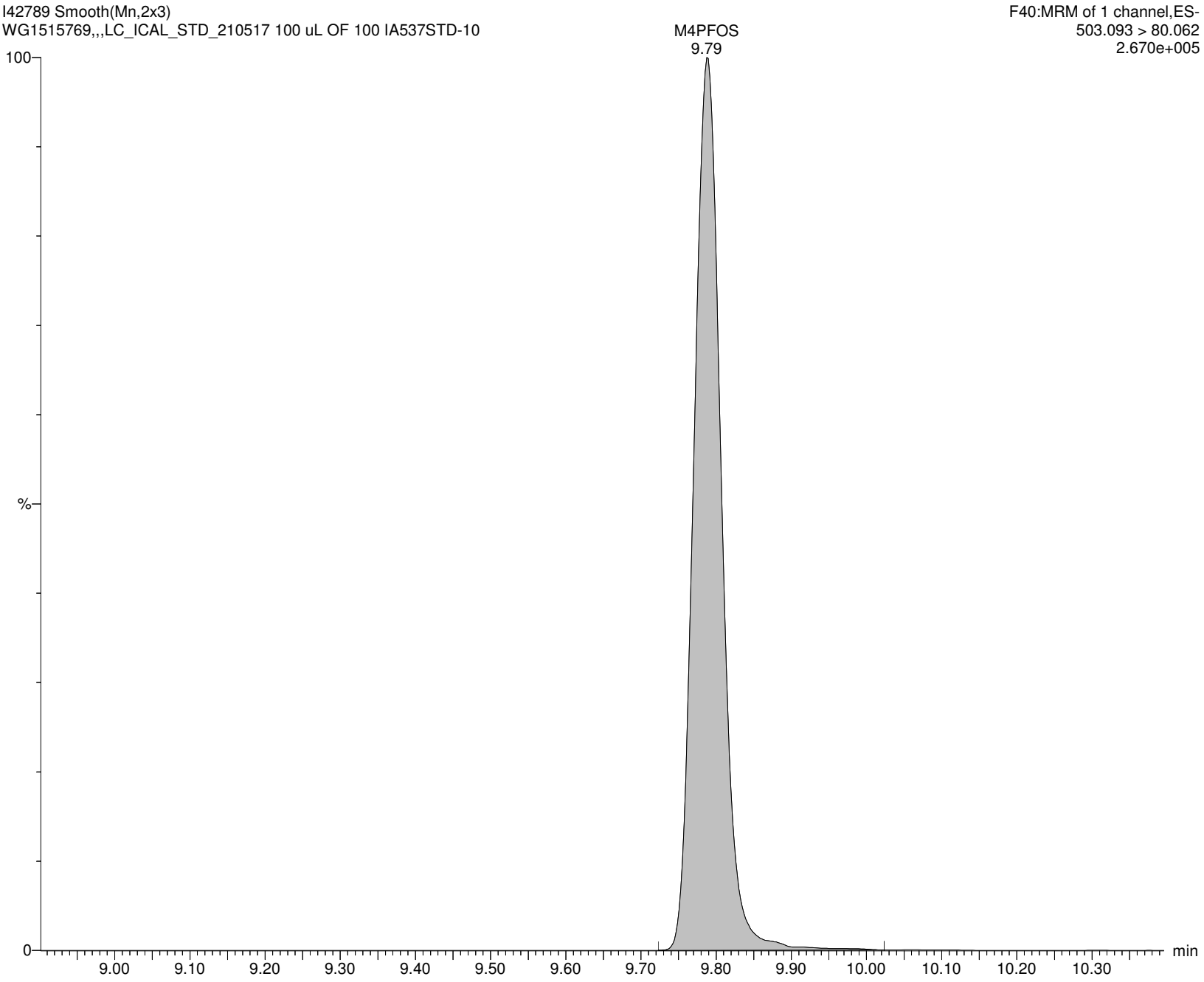


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOS

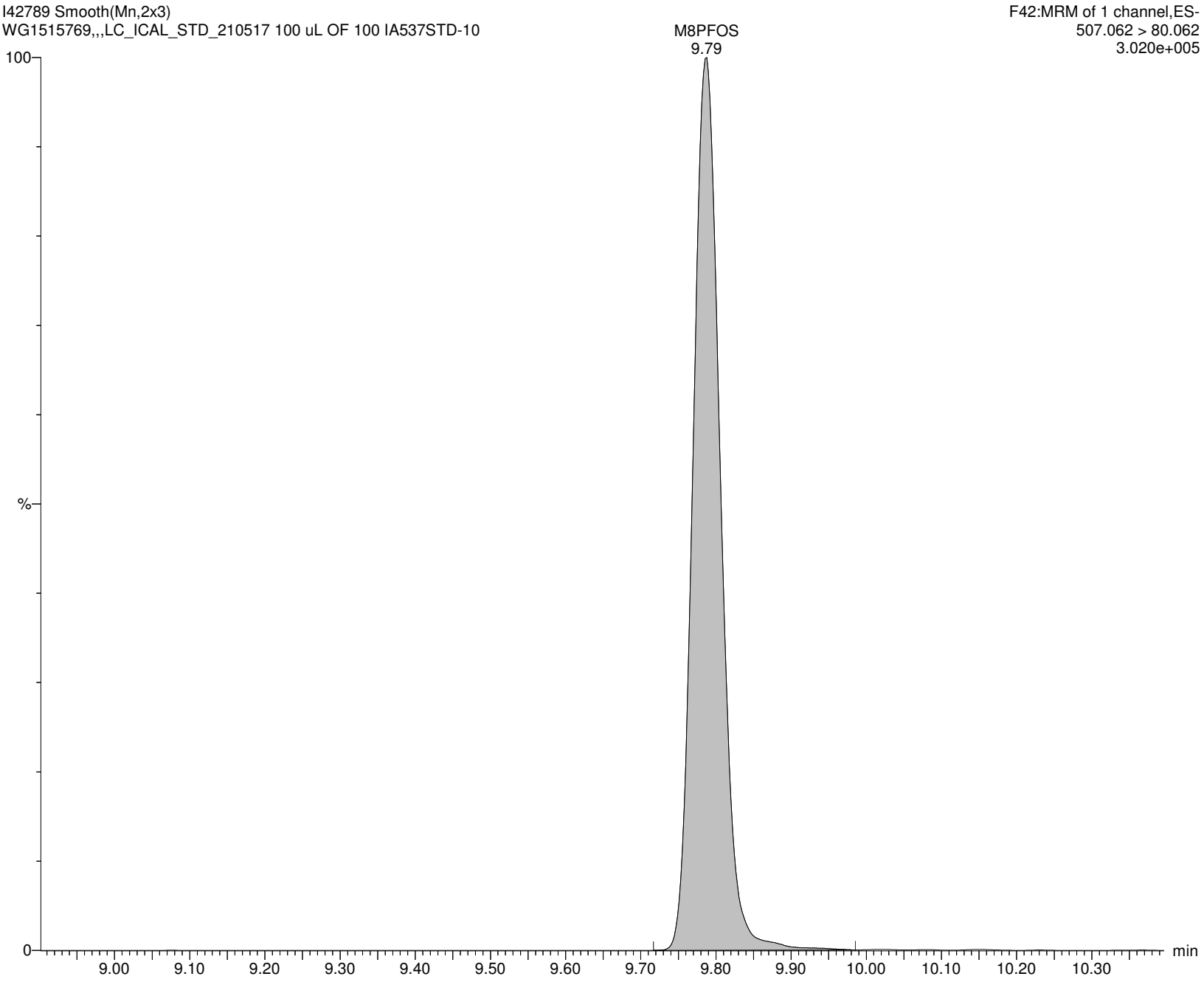


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOS

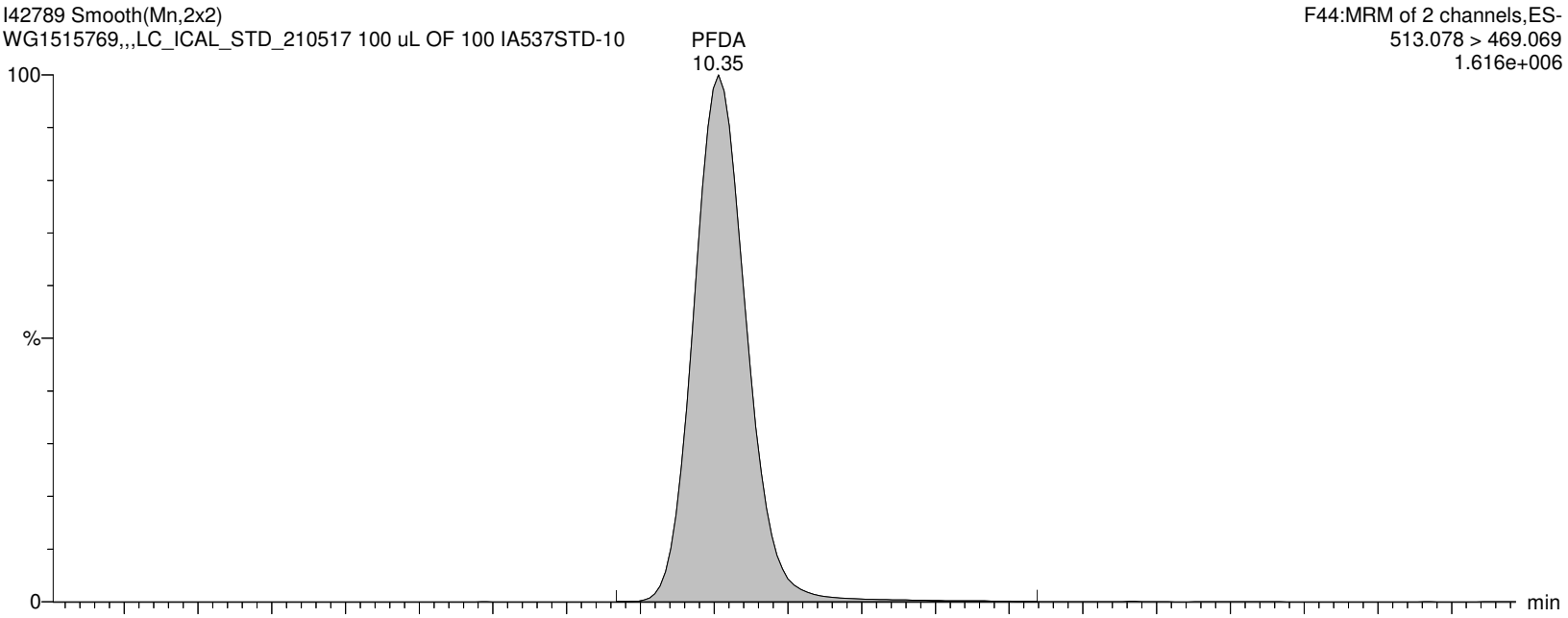


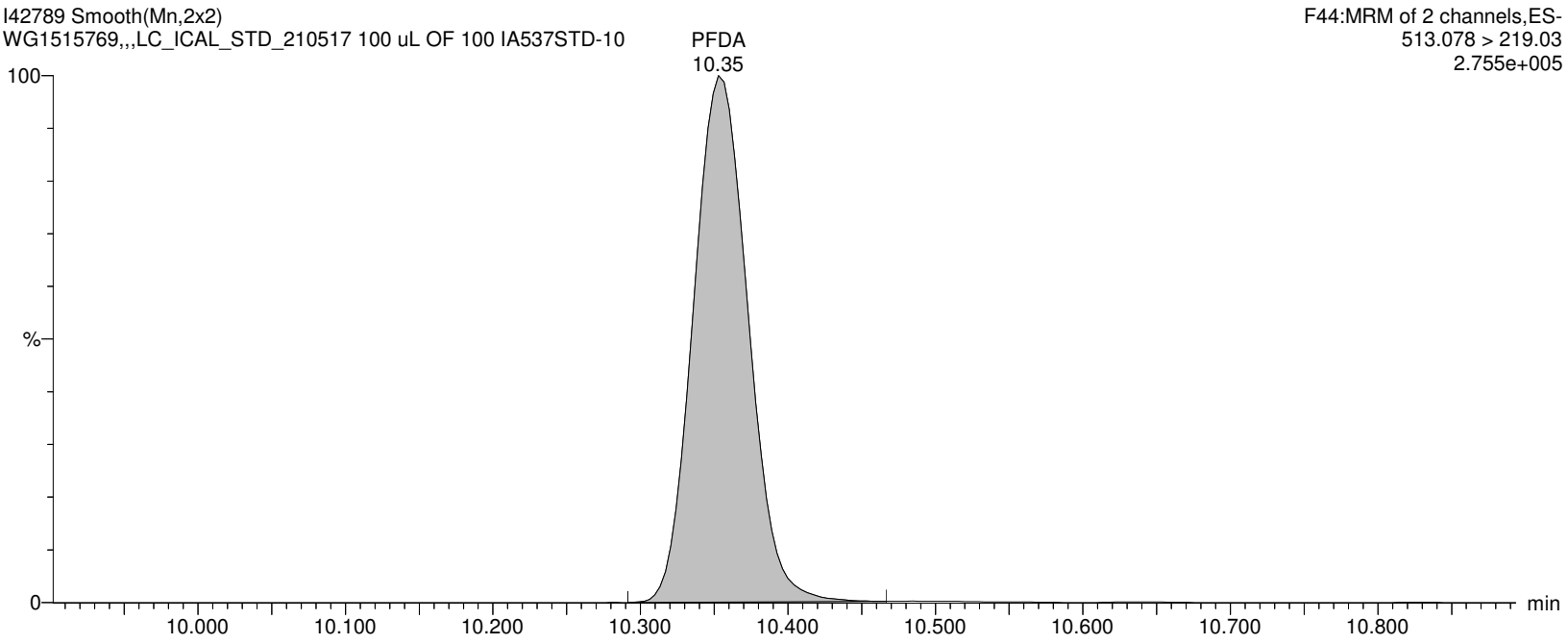
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDA



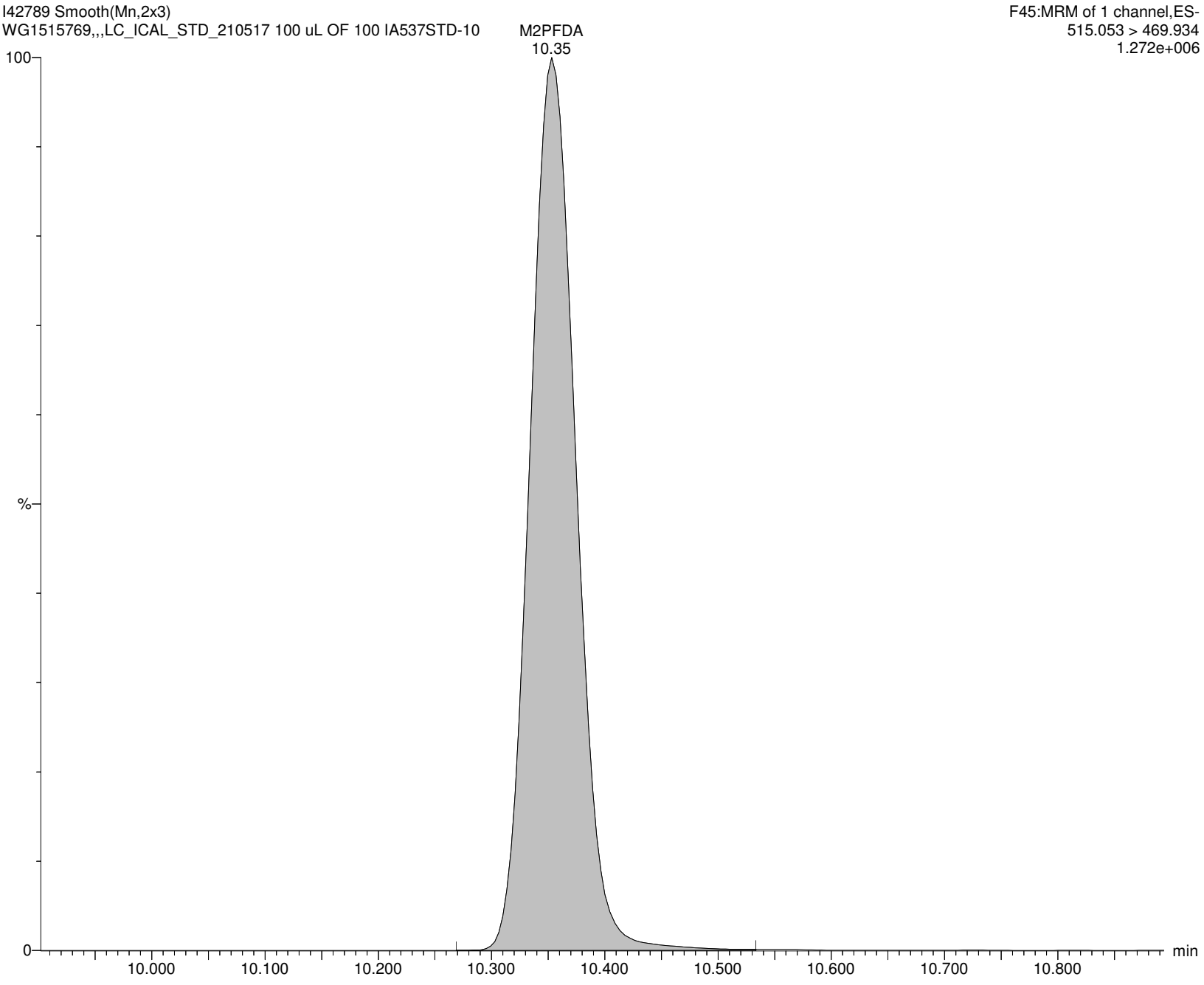


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFDA

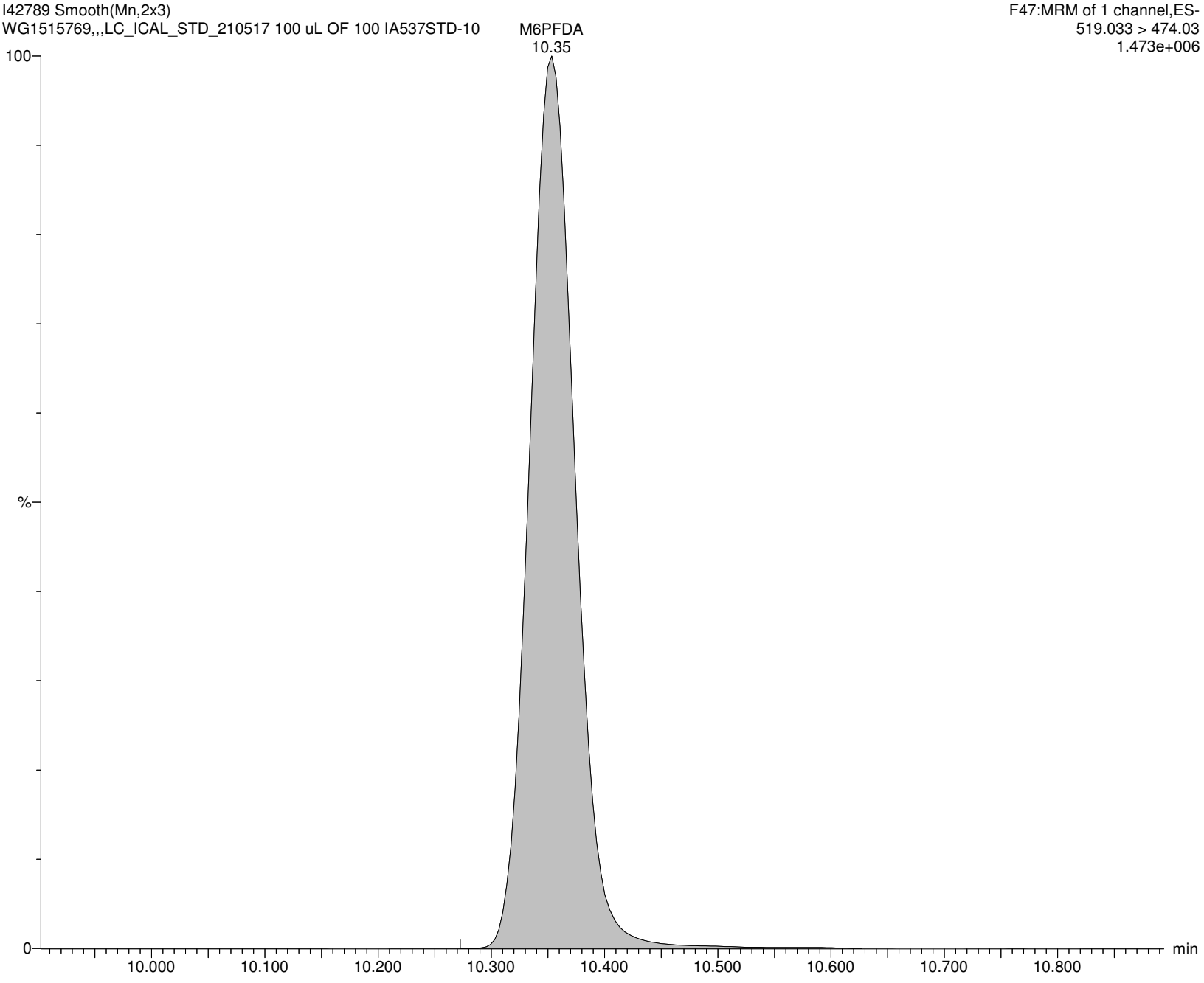


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M6PFDA

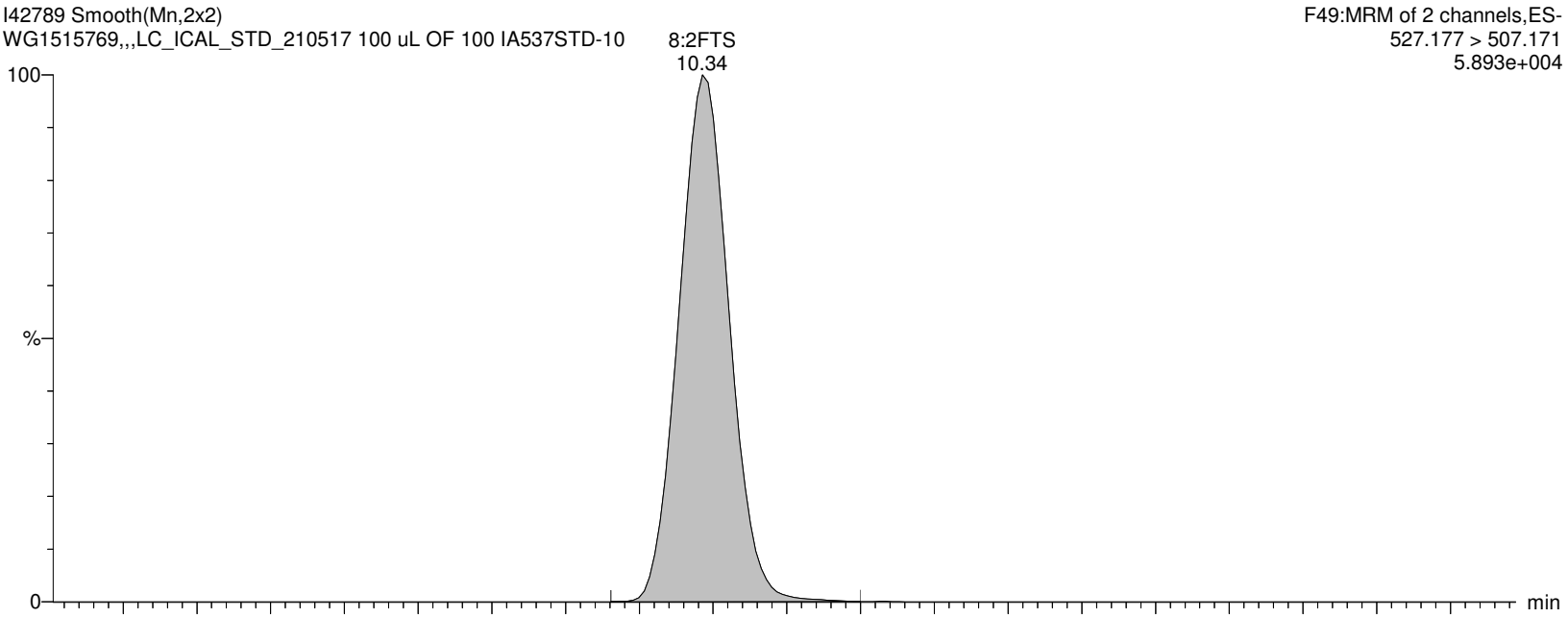


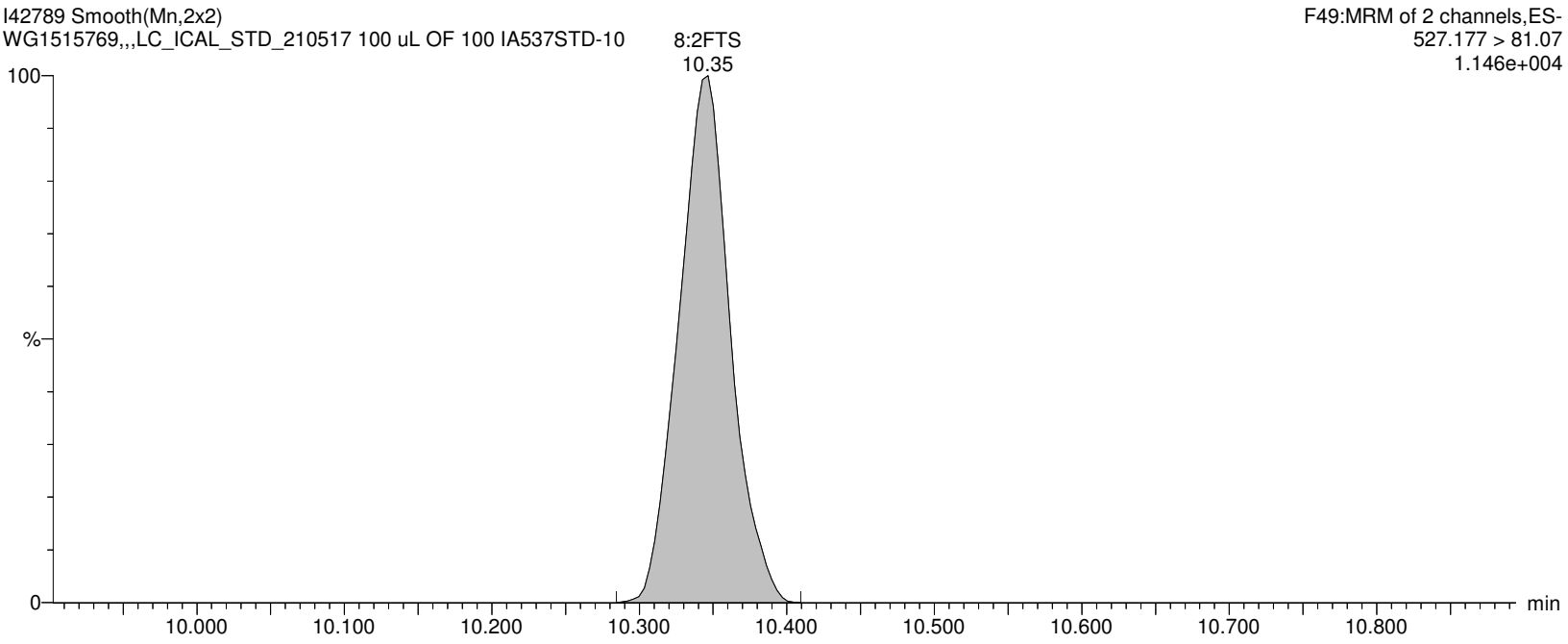
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

8:2FTS



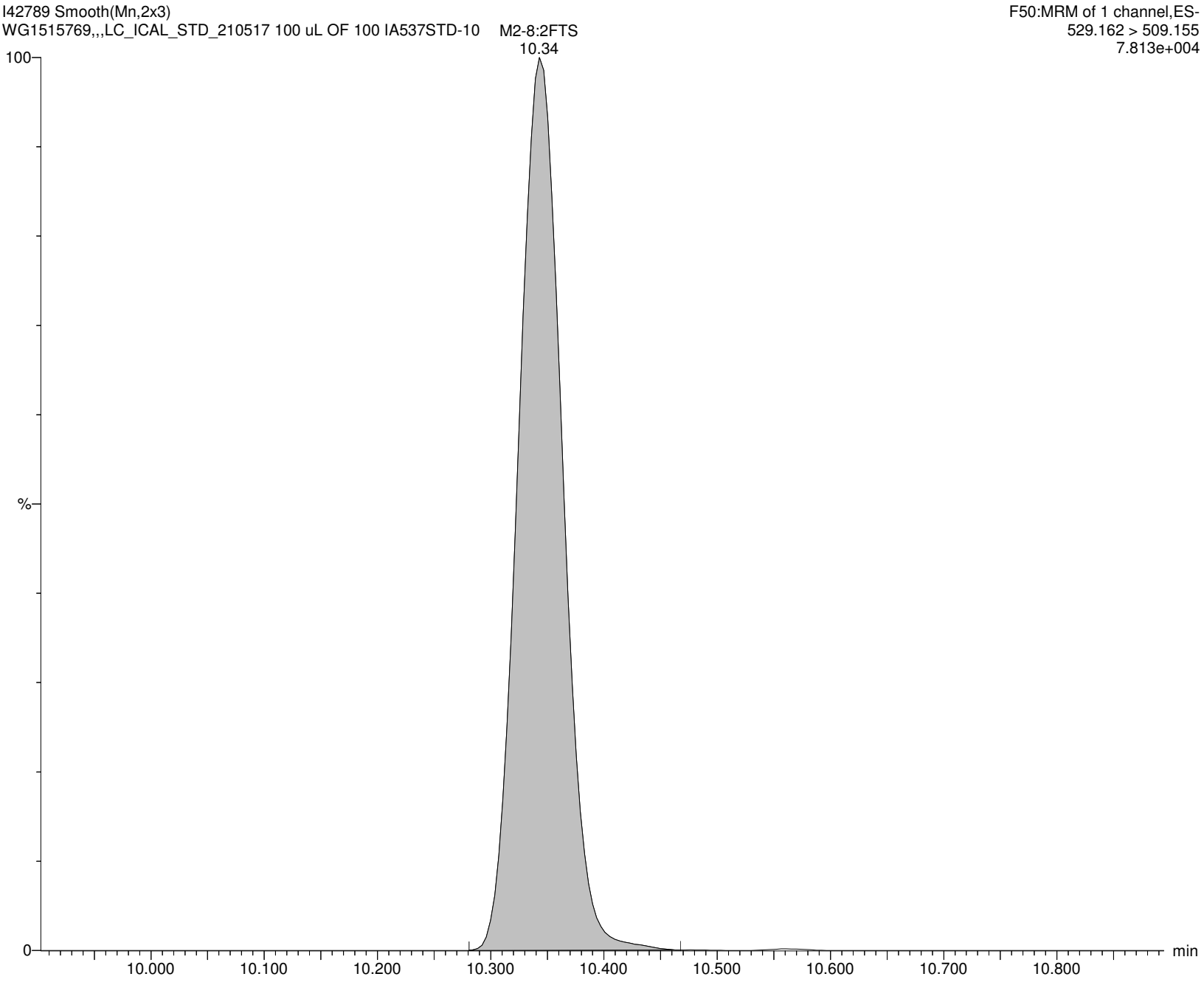


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-8:2FTS

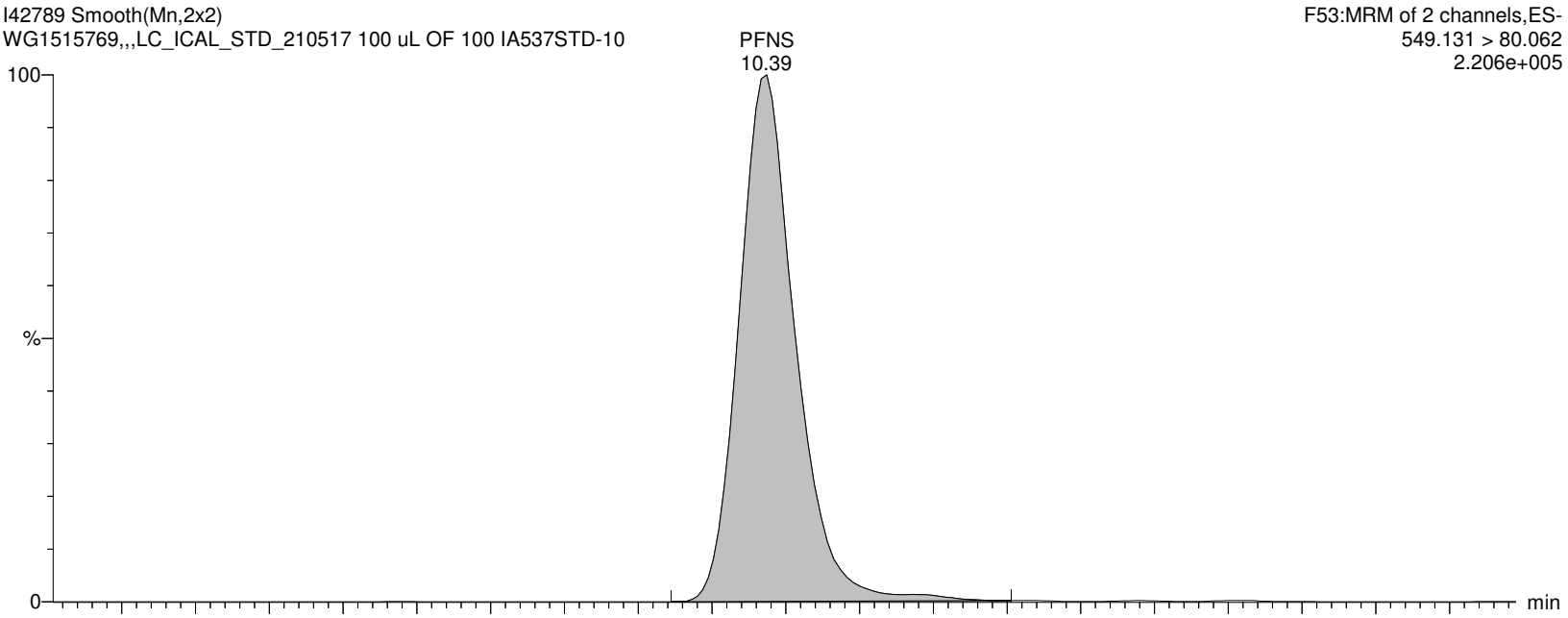


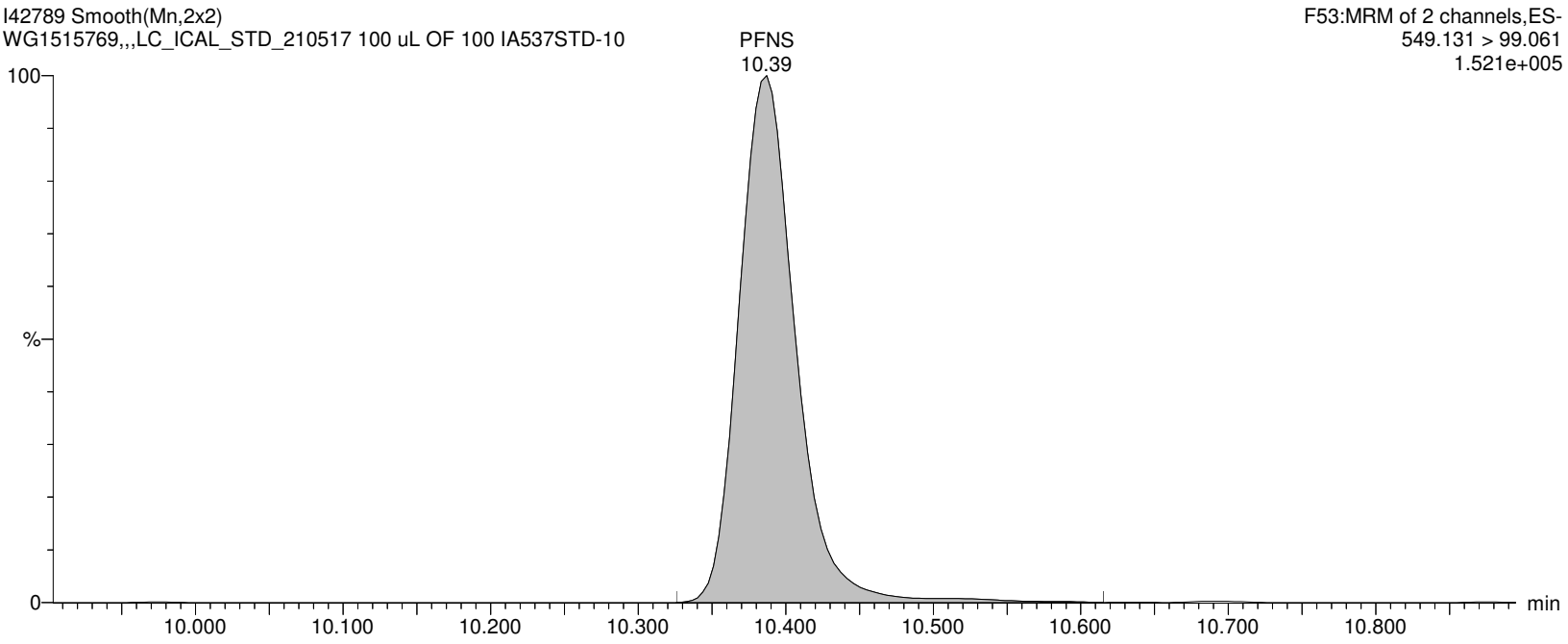
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNS



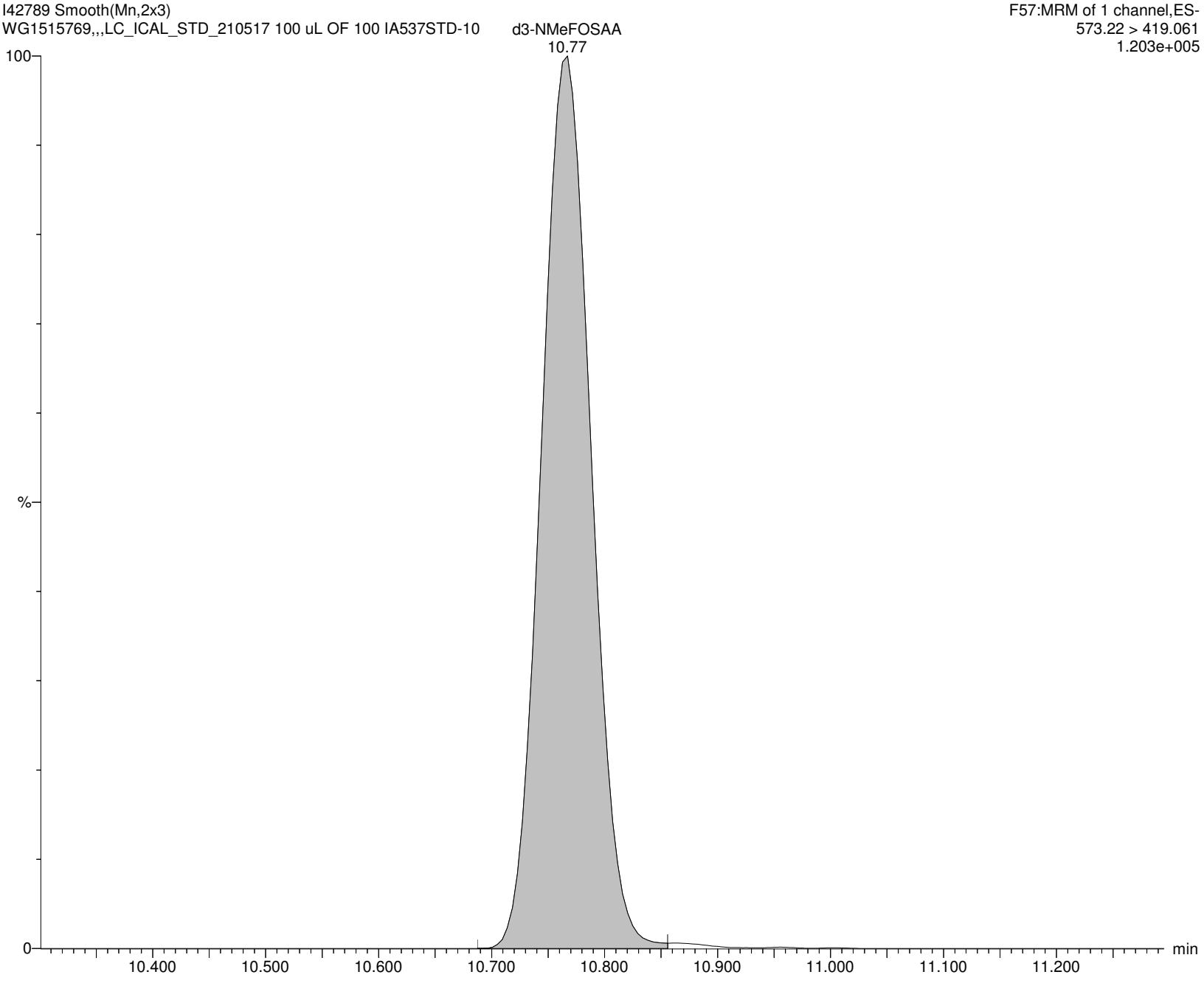


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSAA

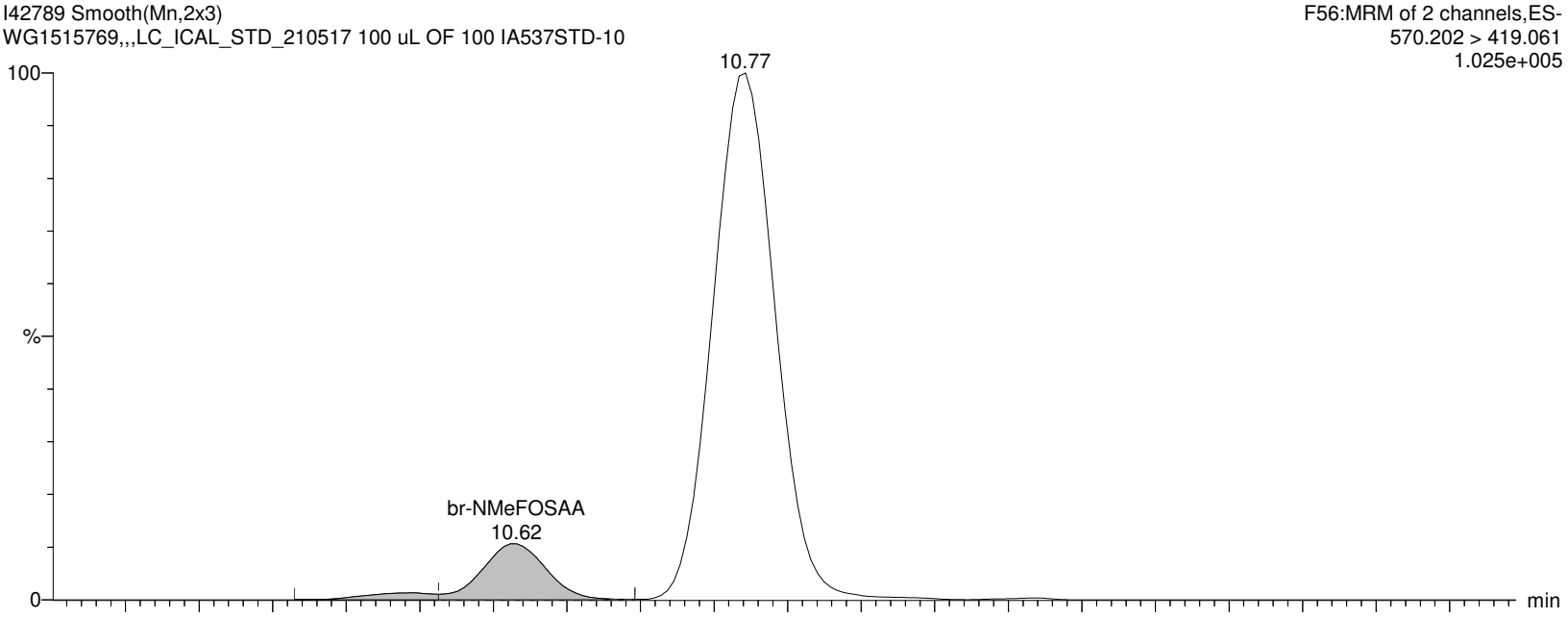


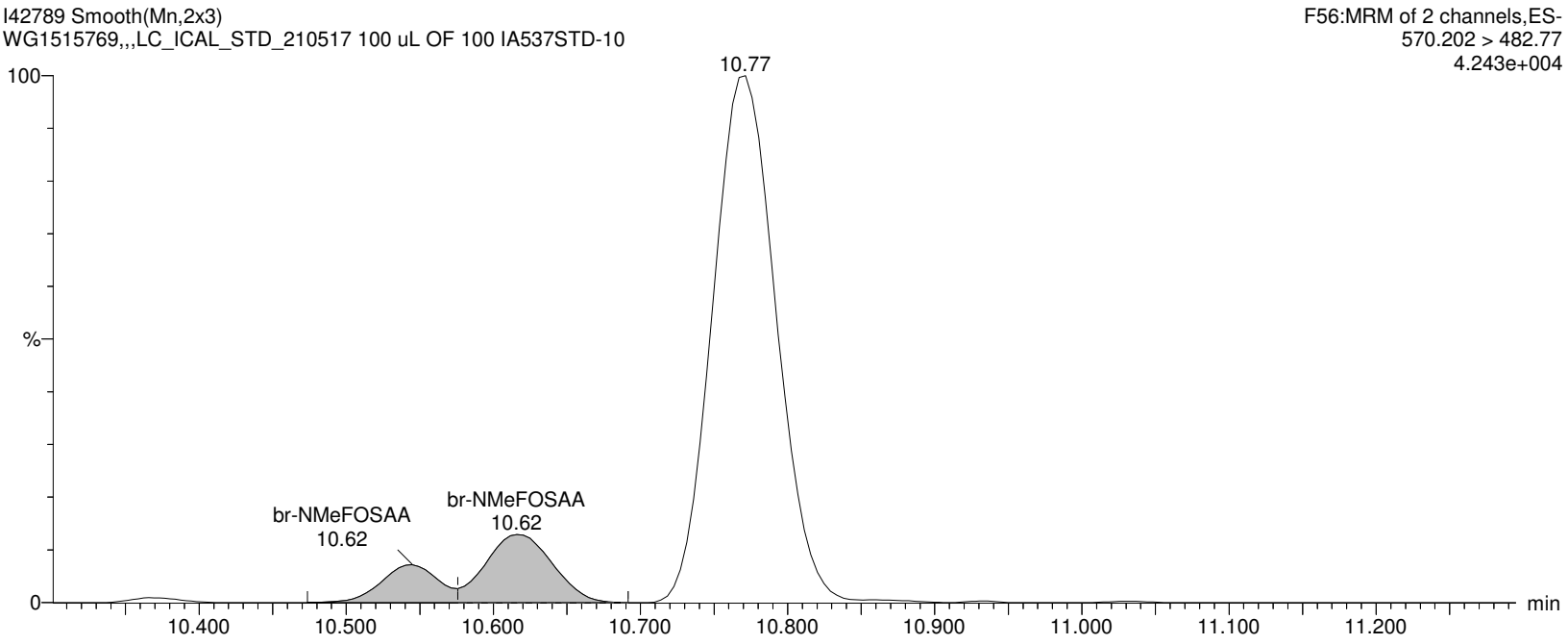
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NMeFOSAA



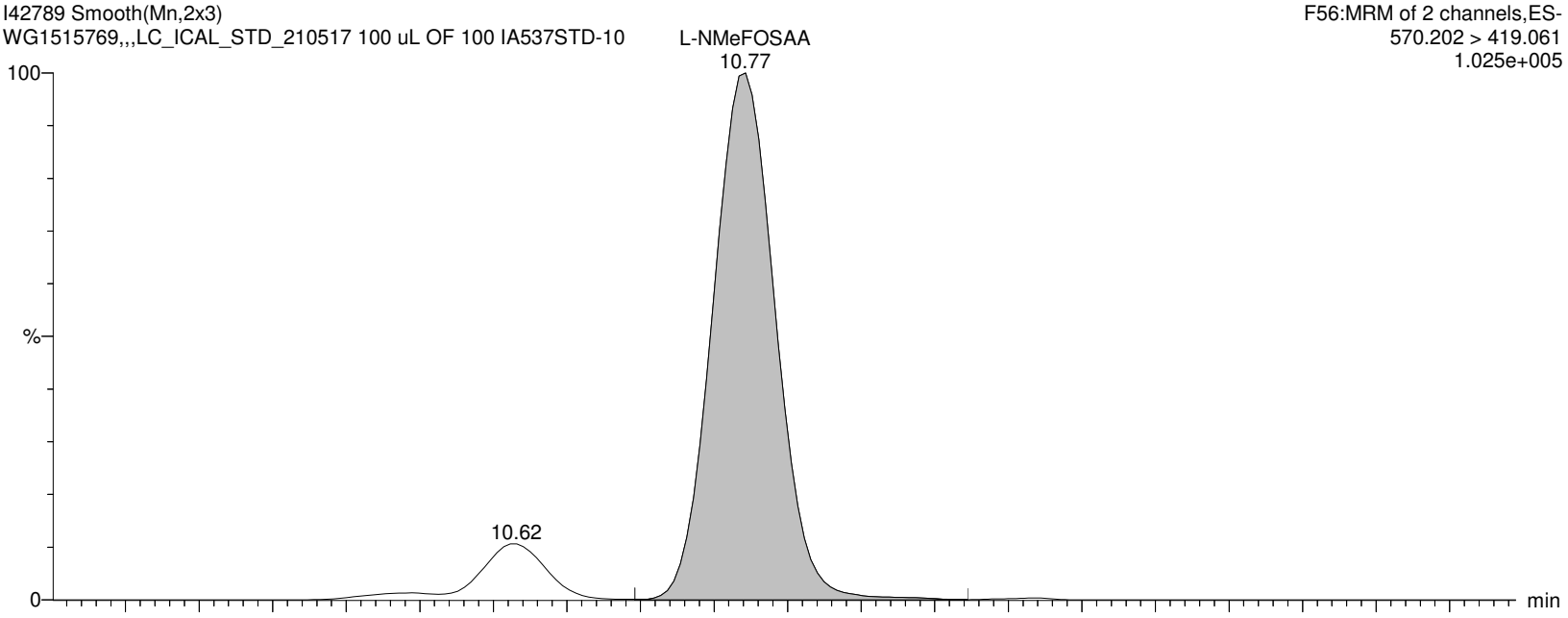


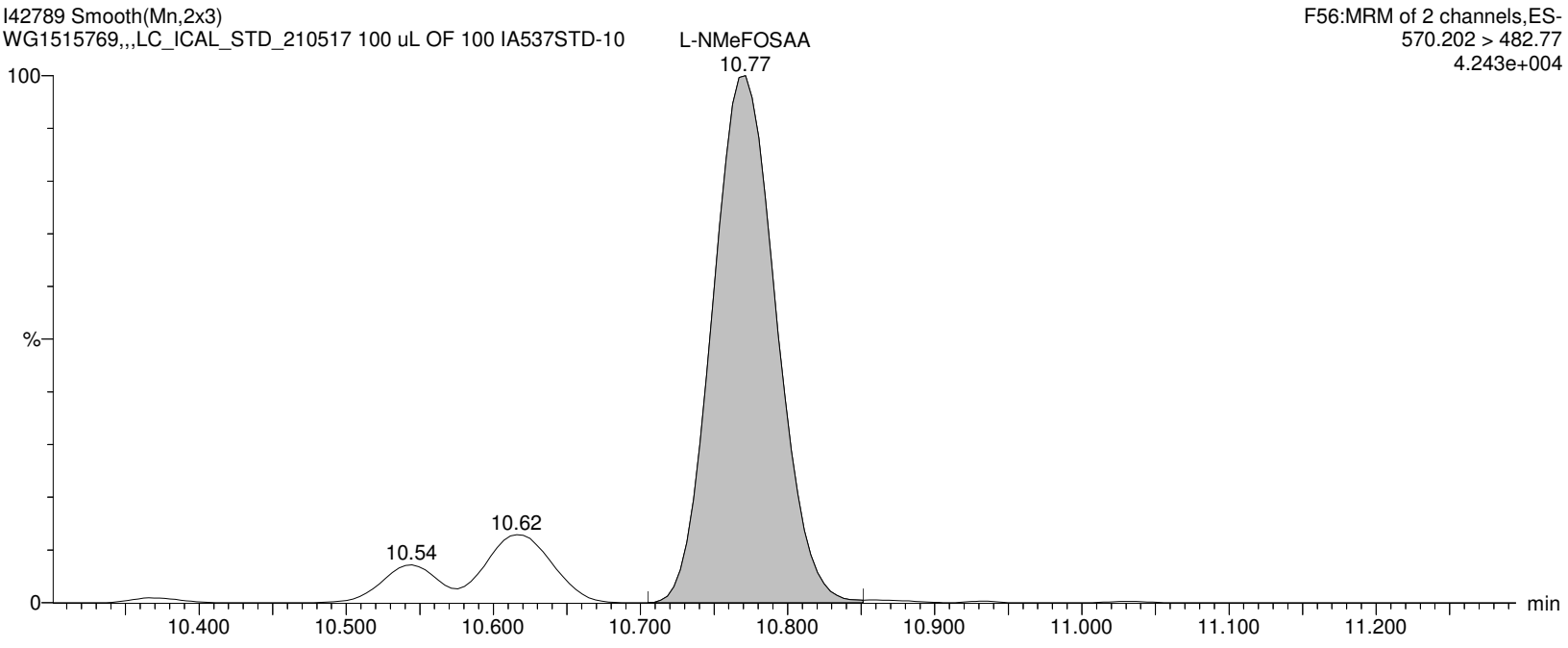
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NMeFOSAA



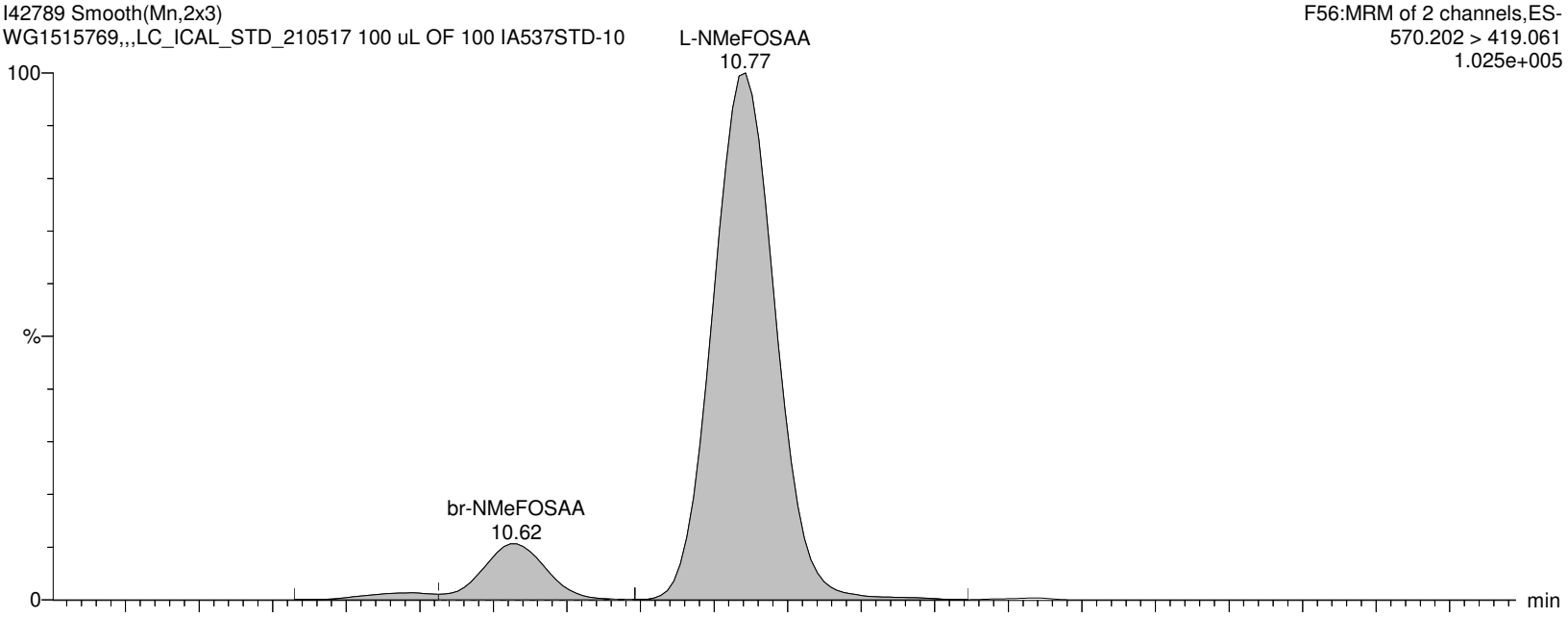


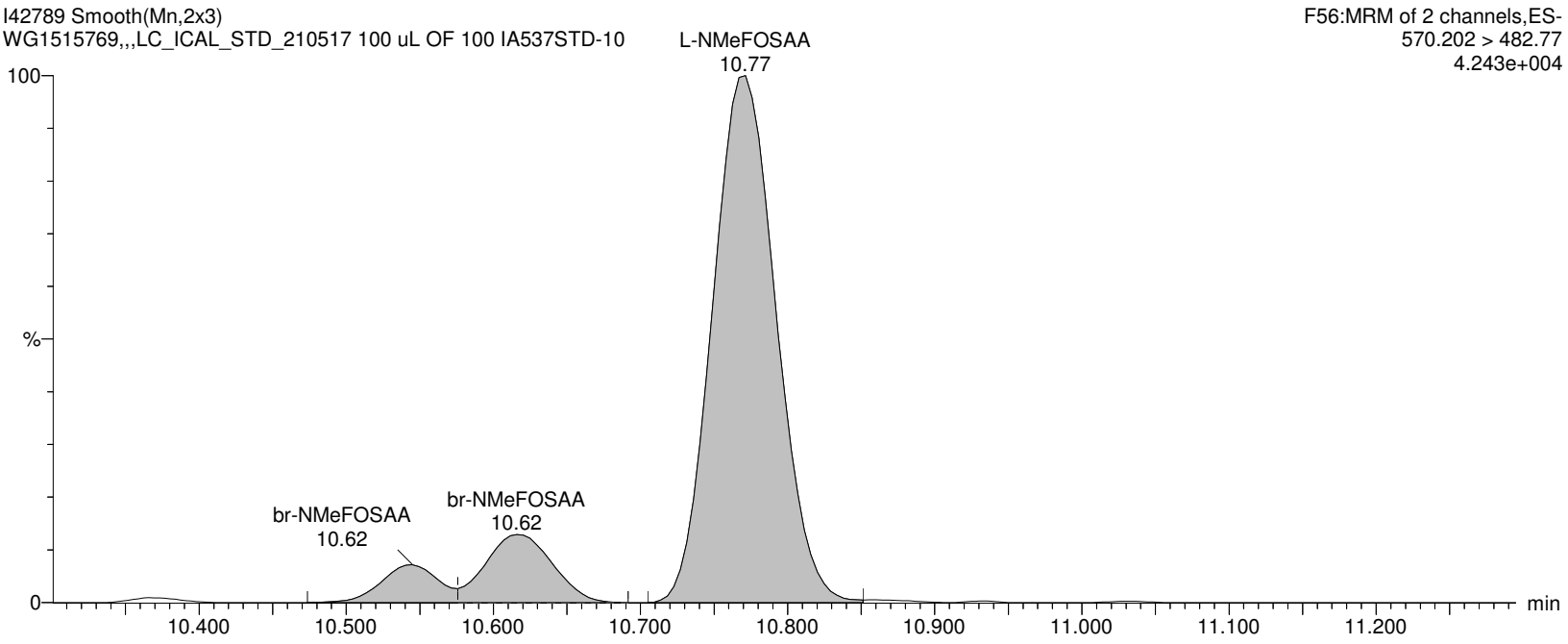
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSAA



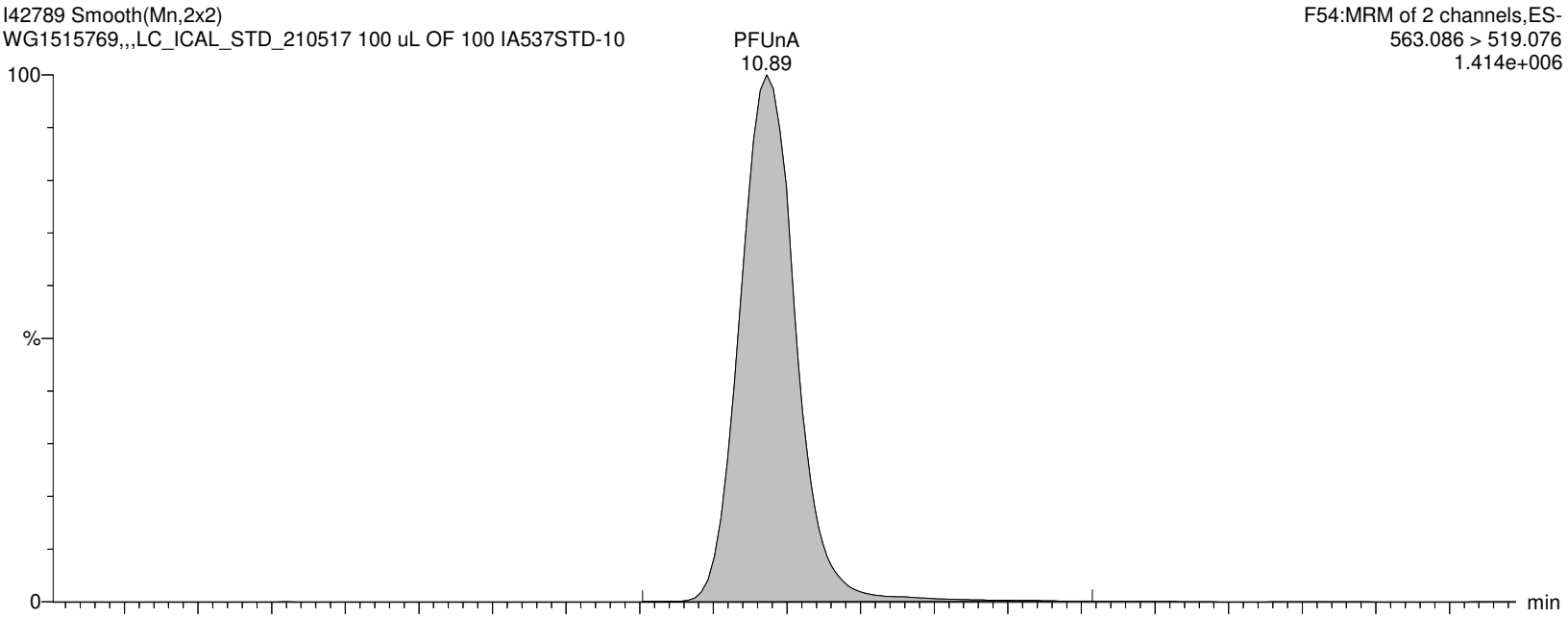


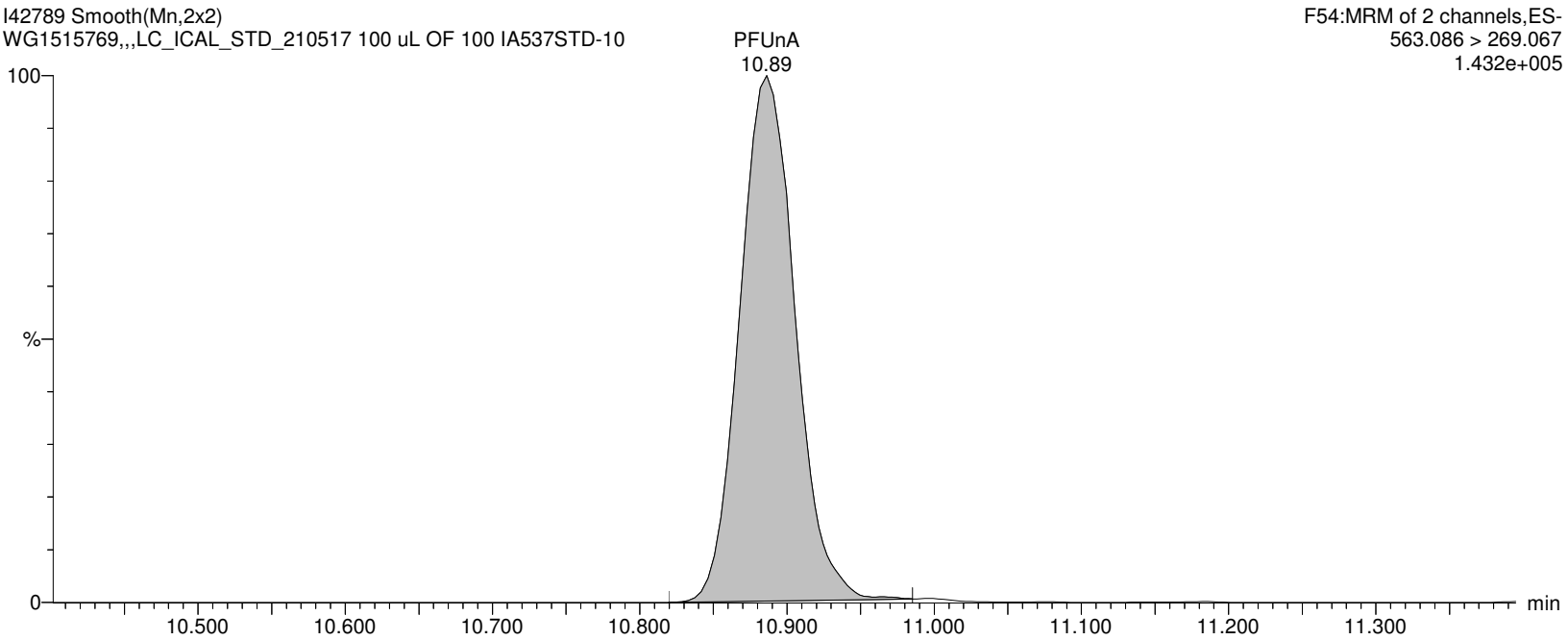
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFUnA



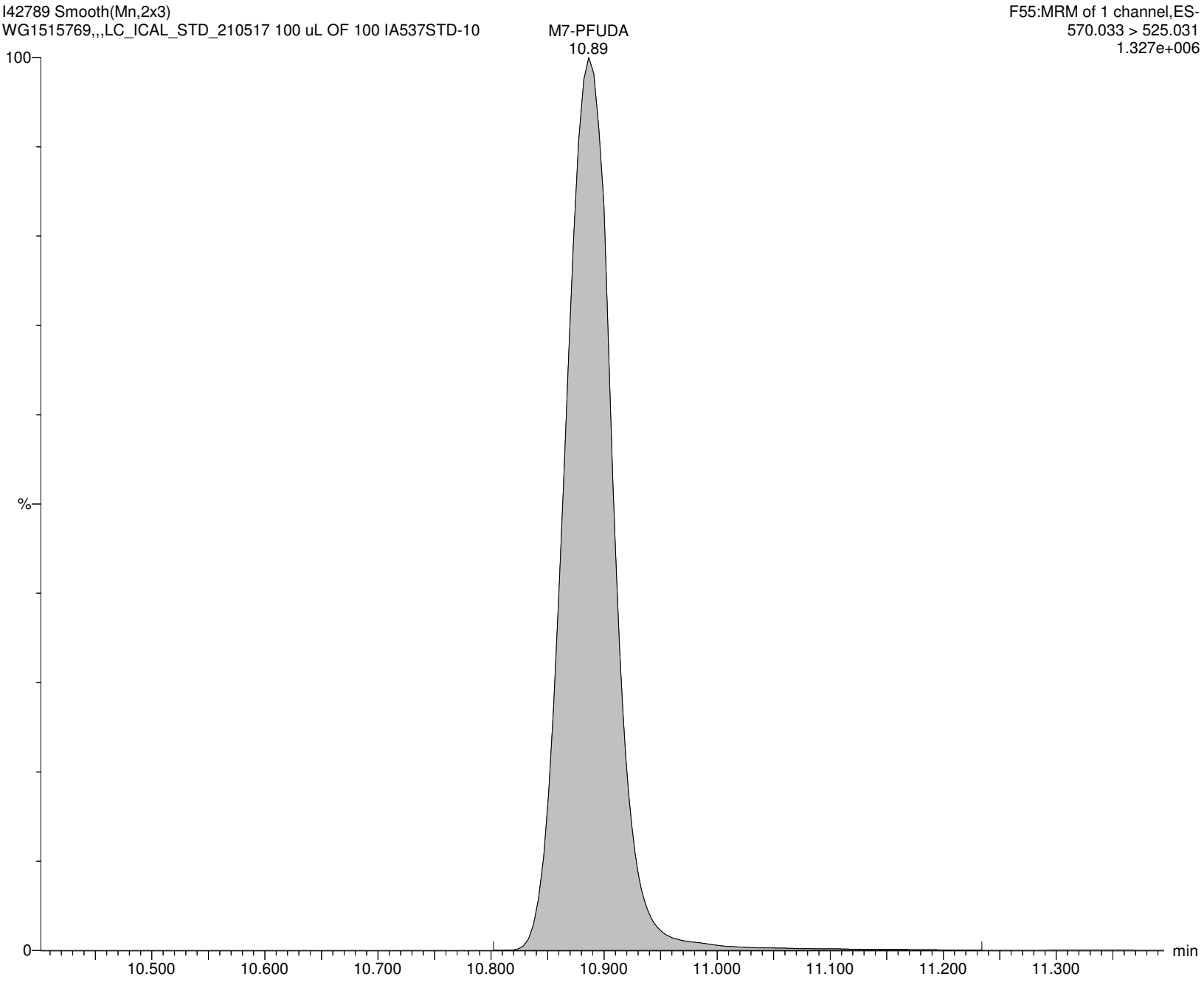


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M7-PFUDA

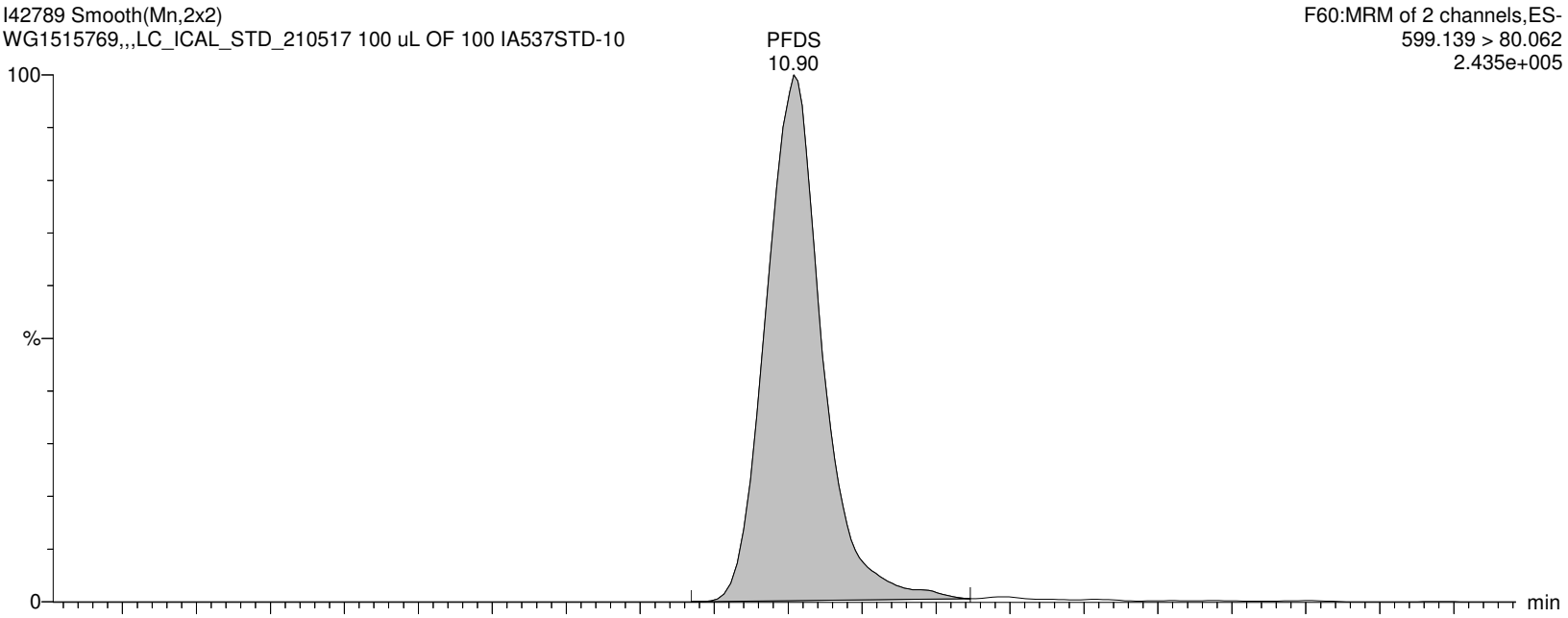


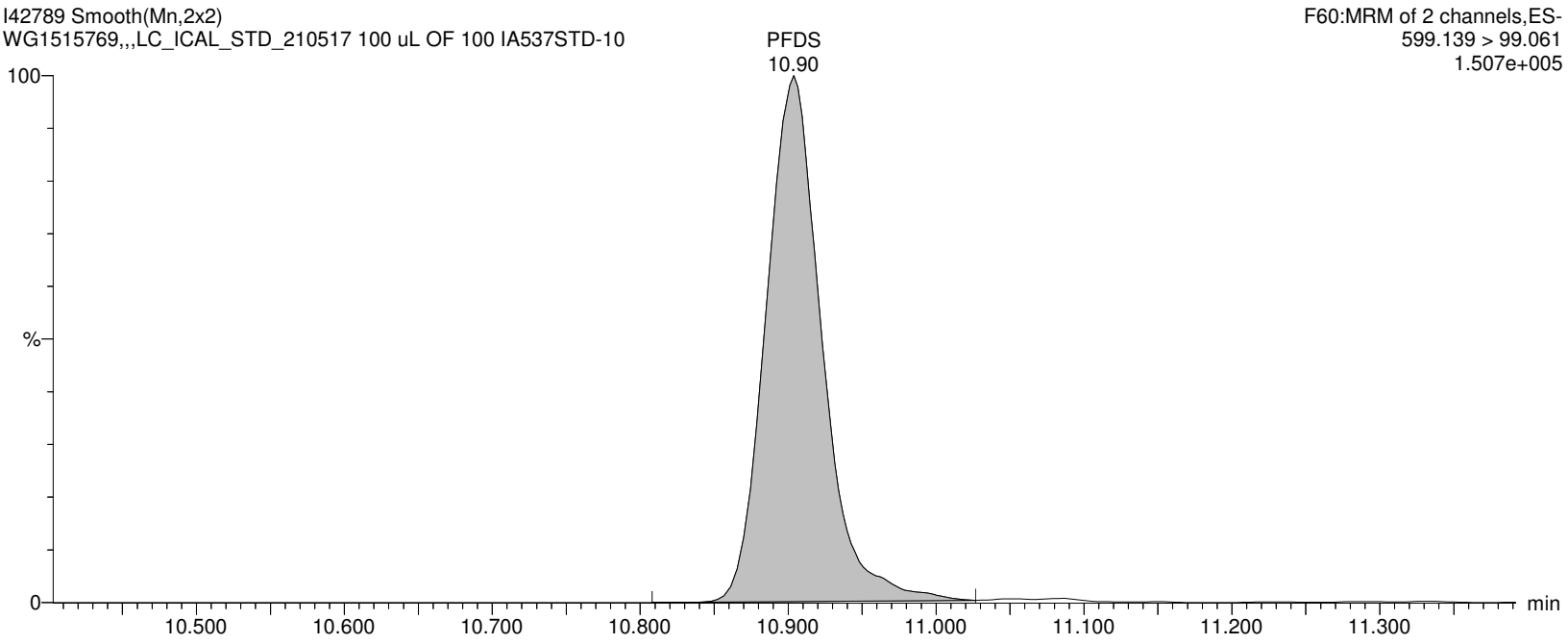
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDS



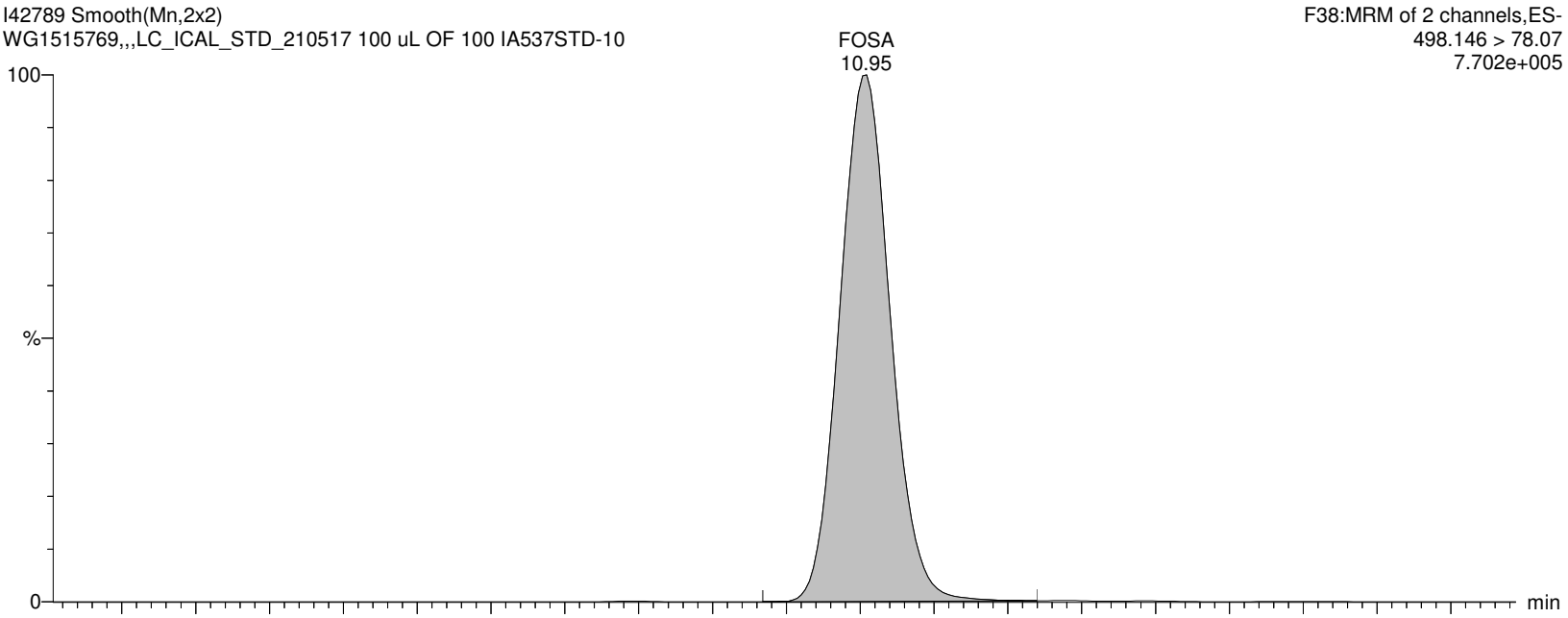


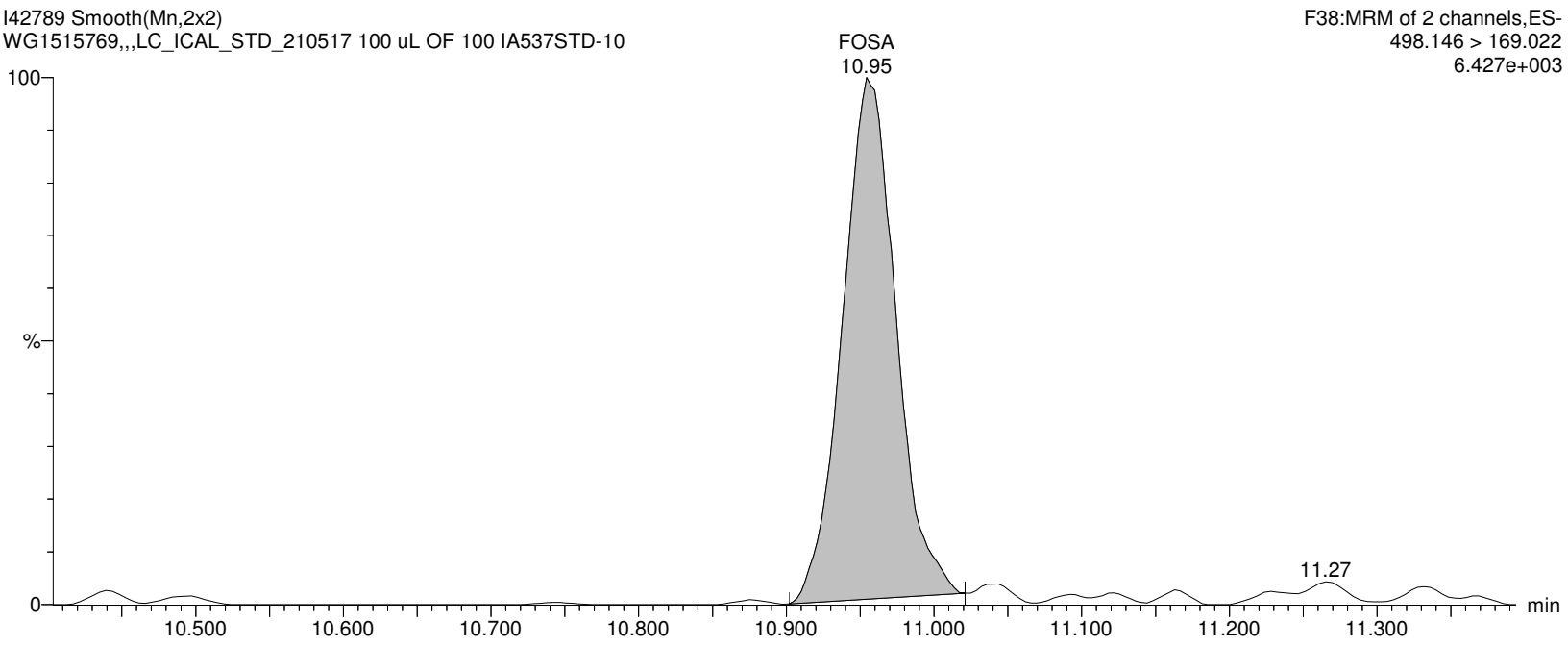
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

FOSA



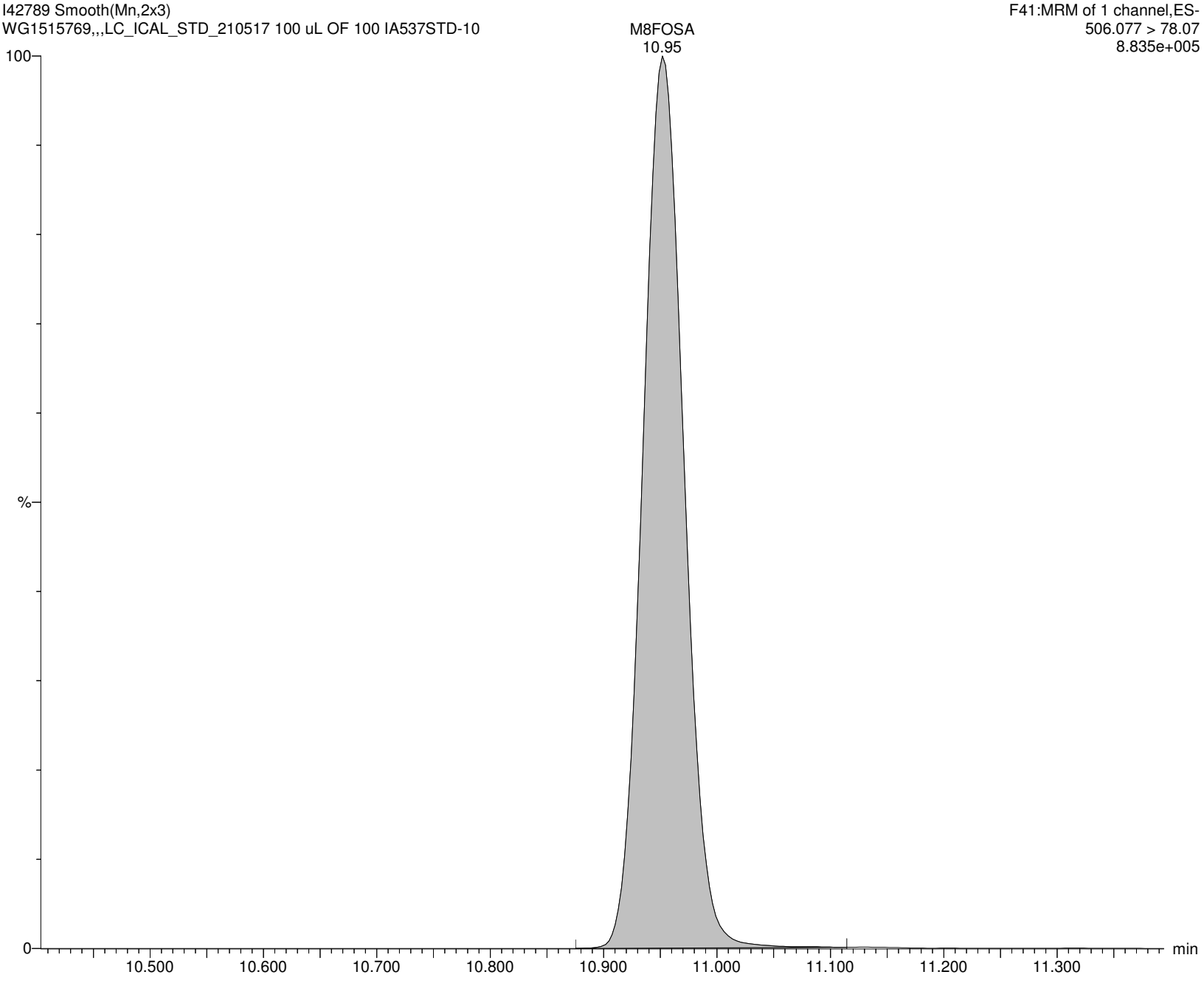


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8FOSA

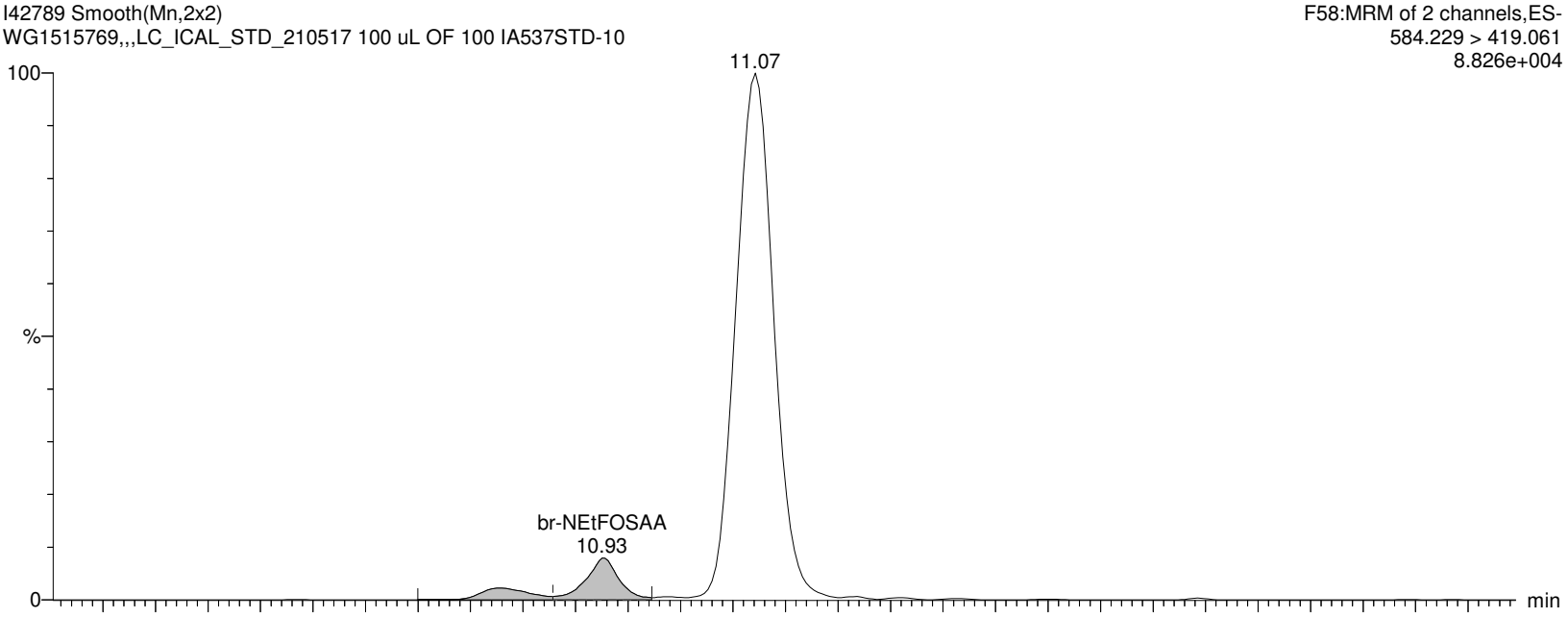


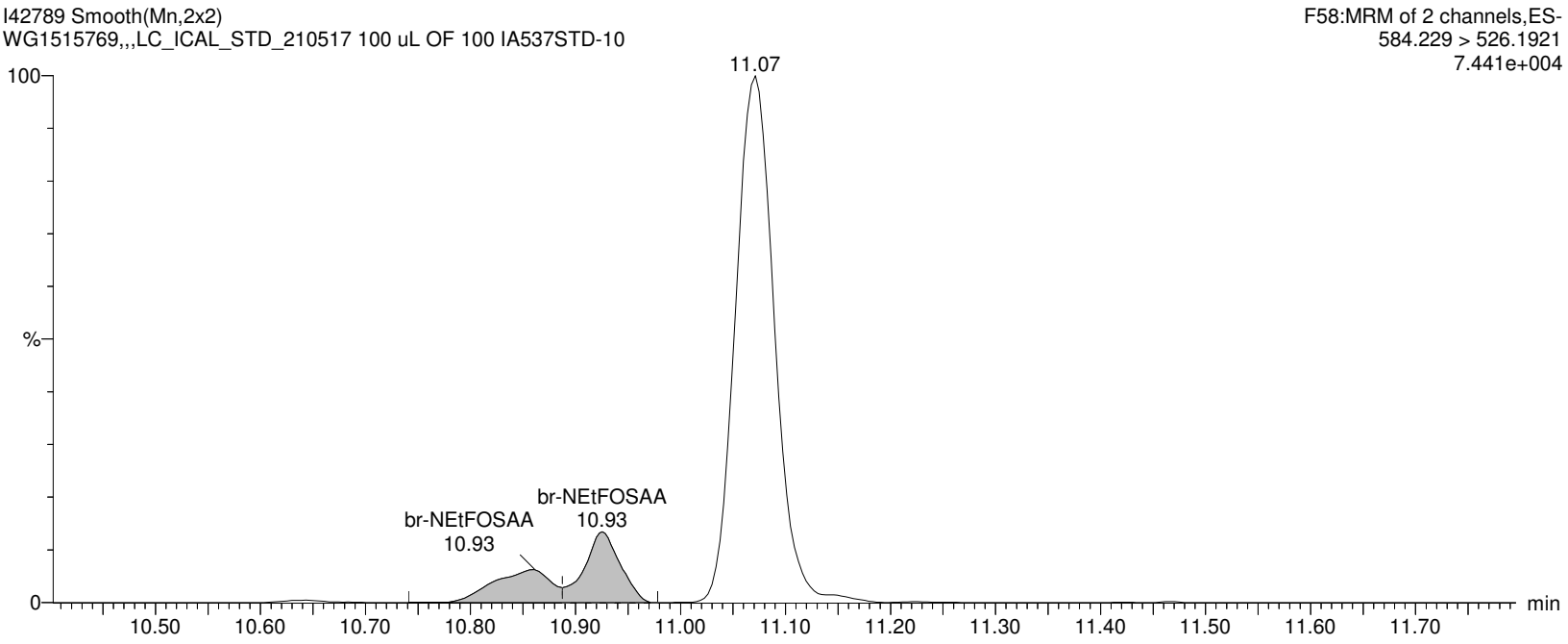
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NEtFOSAA



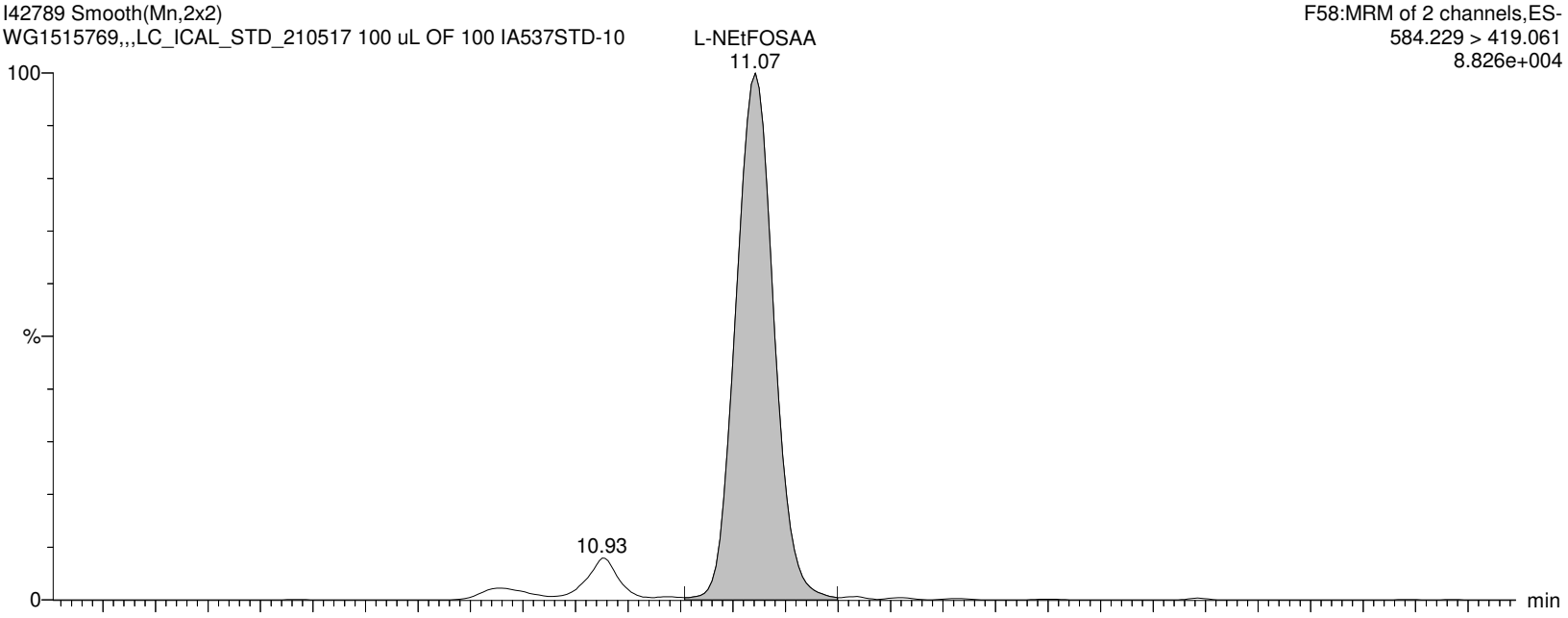


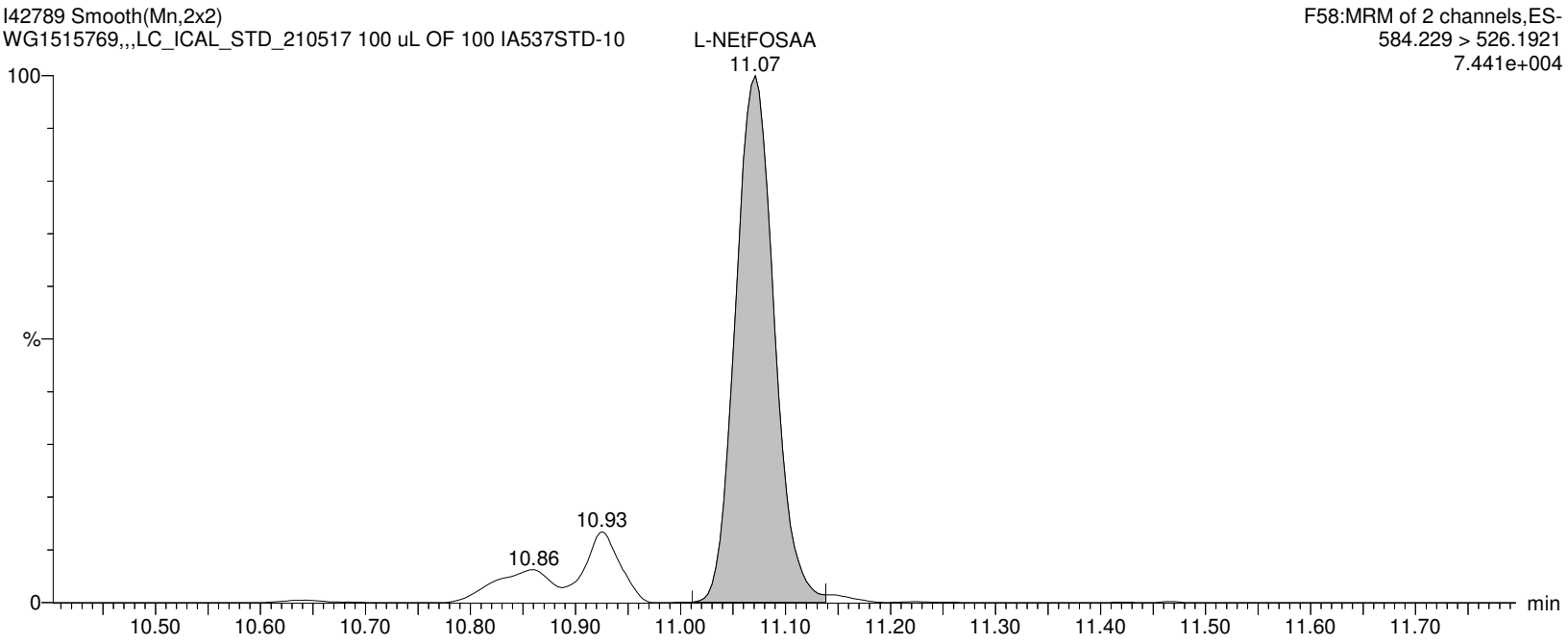
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NEtFOSAA



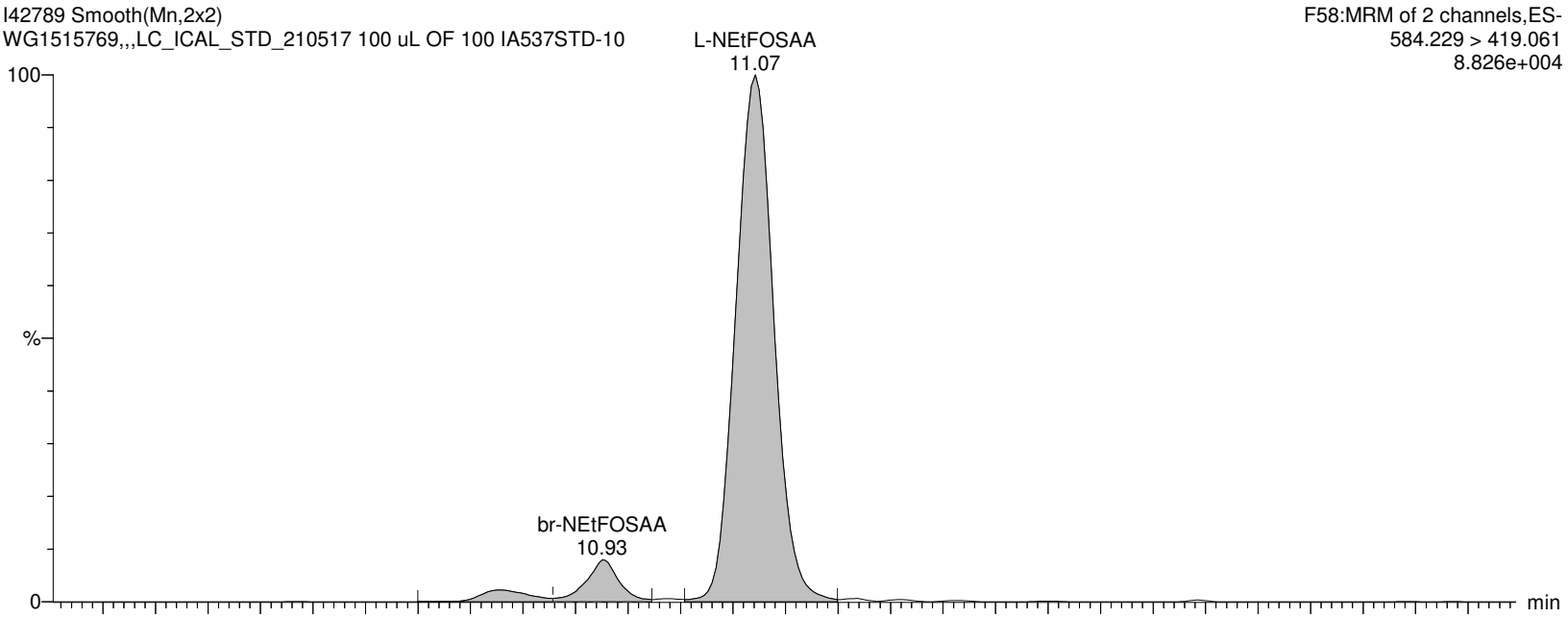


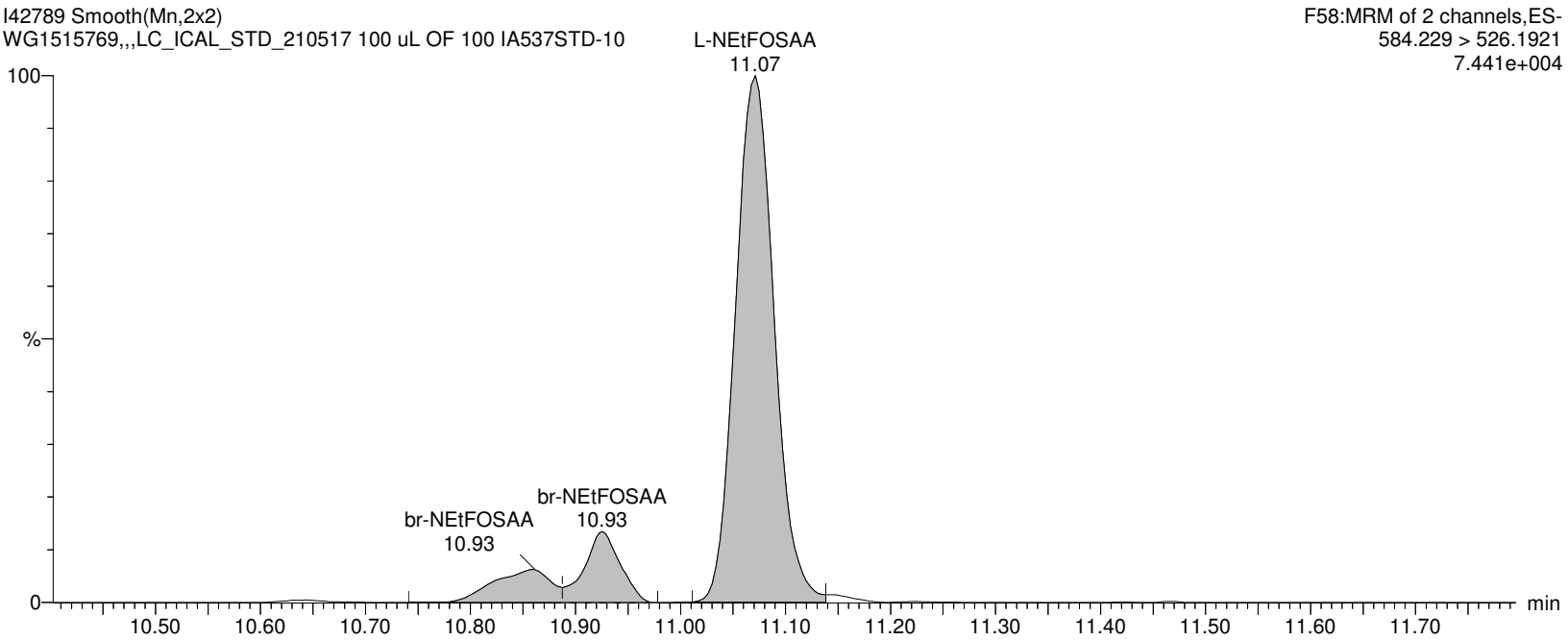
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSAA



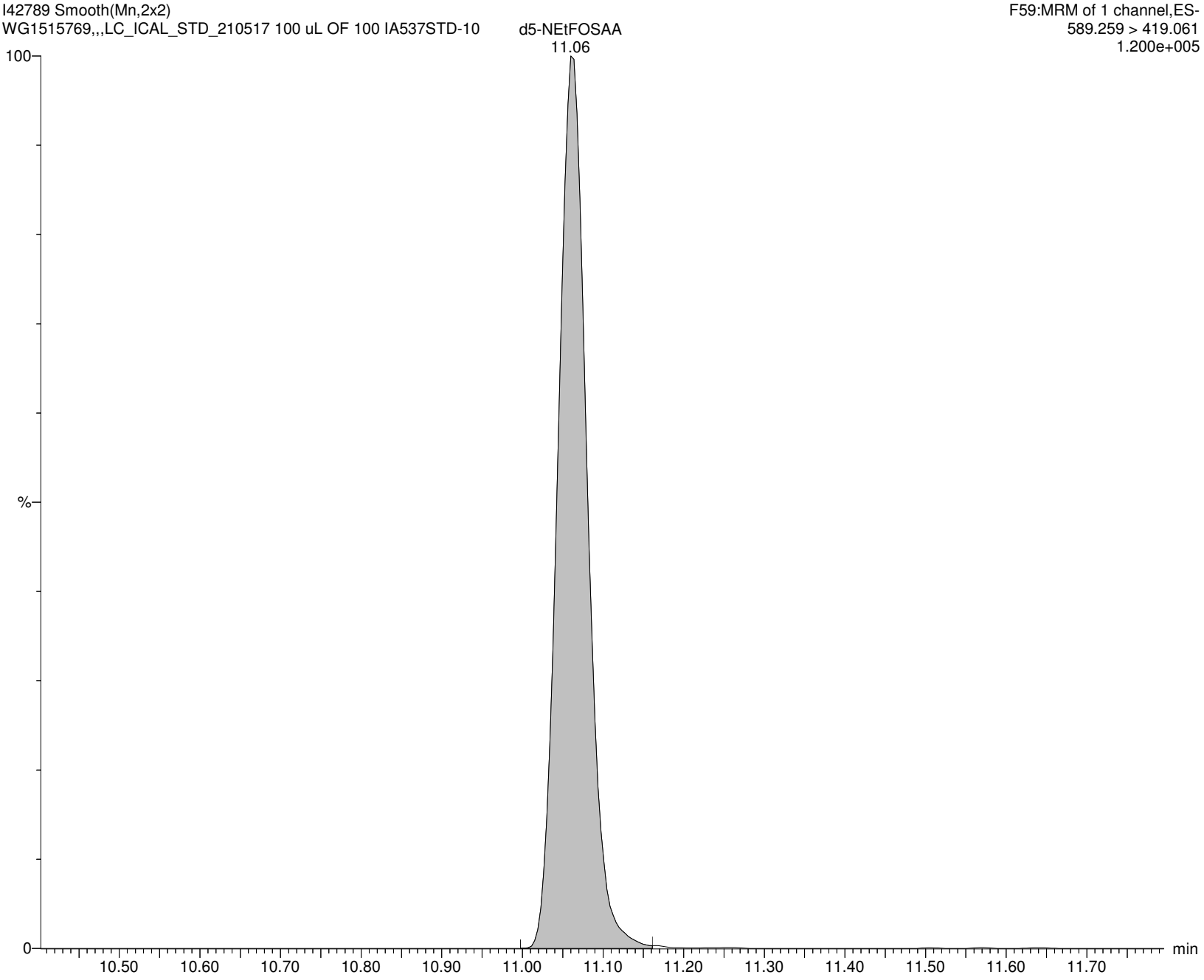


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSAA

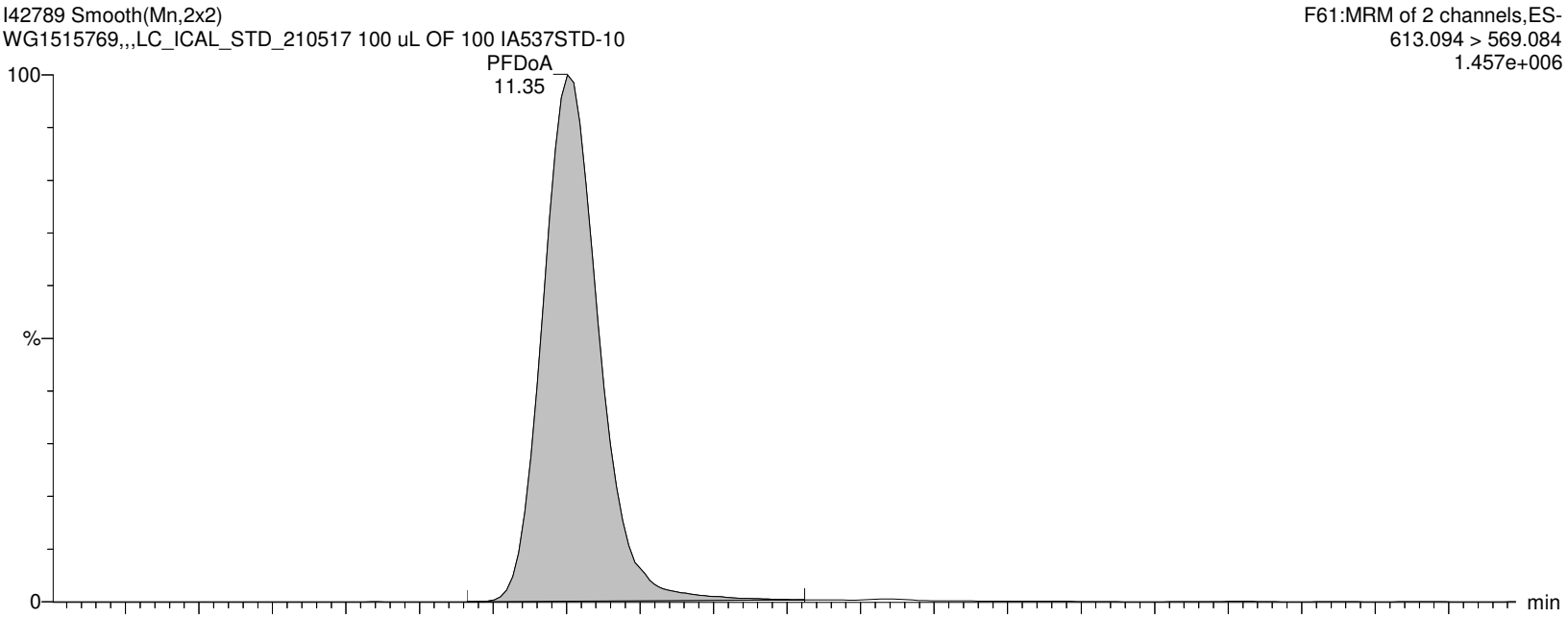


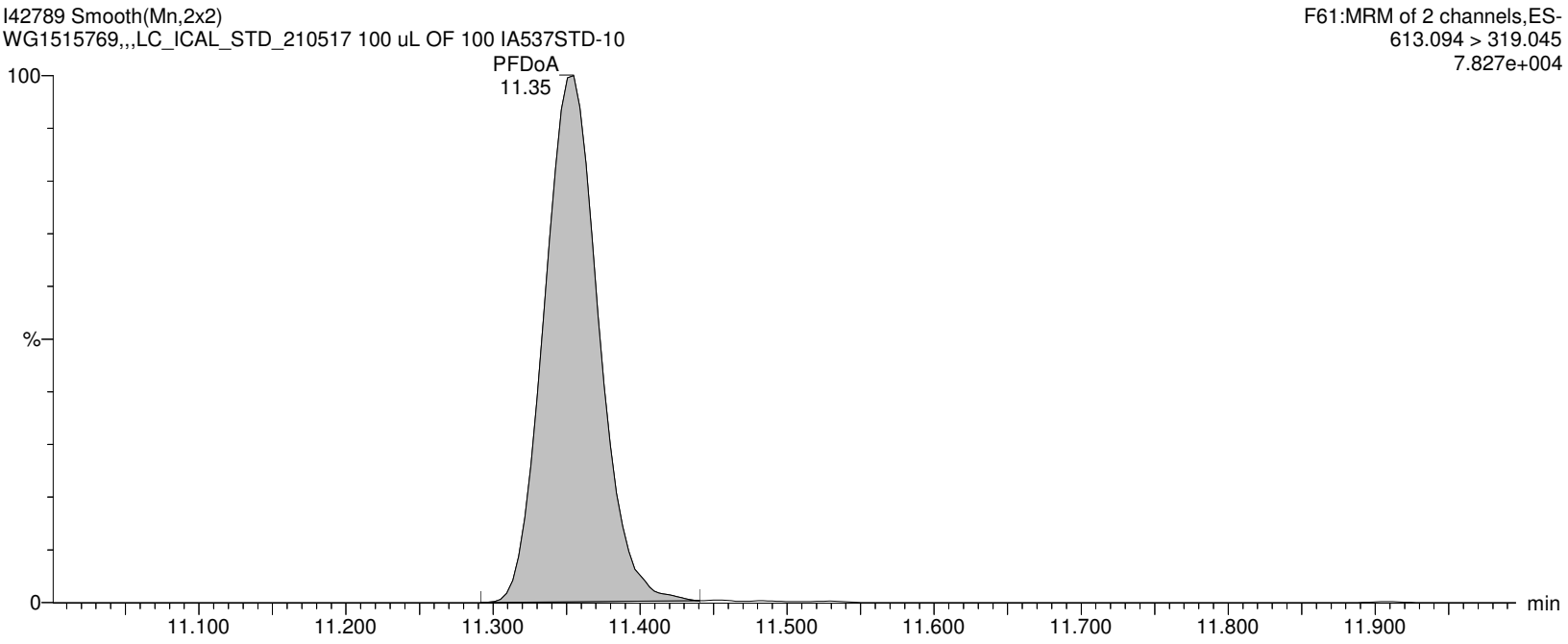
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoA



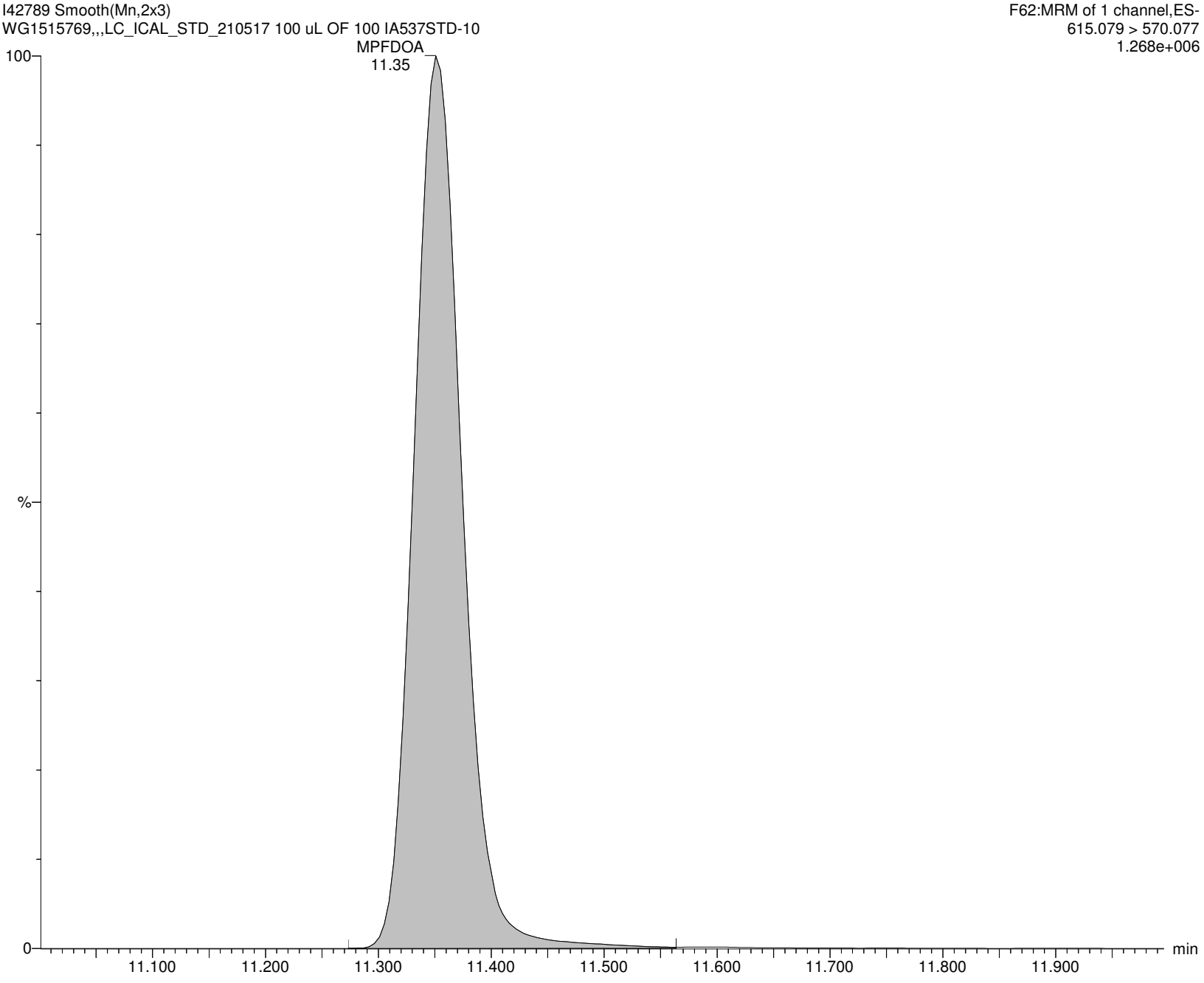


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFDOA

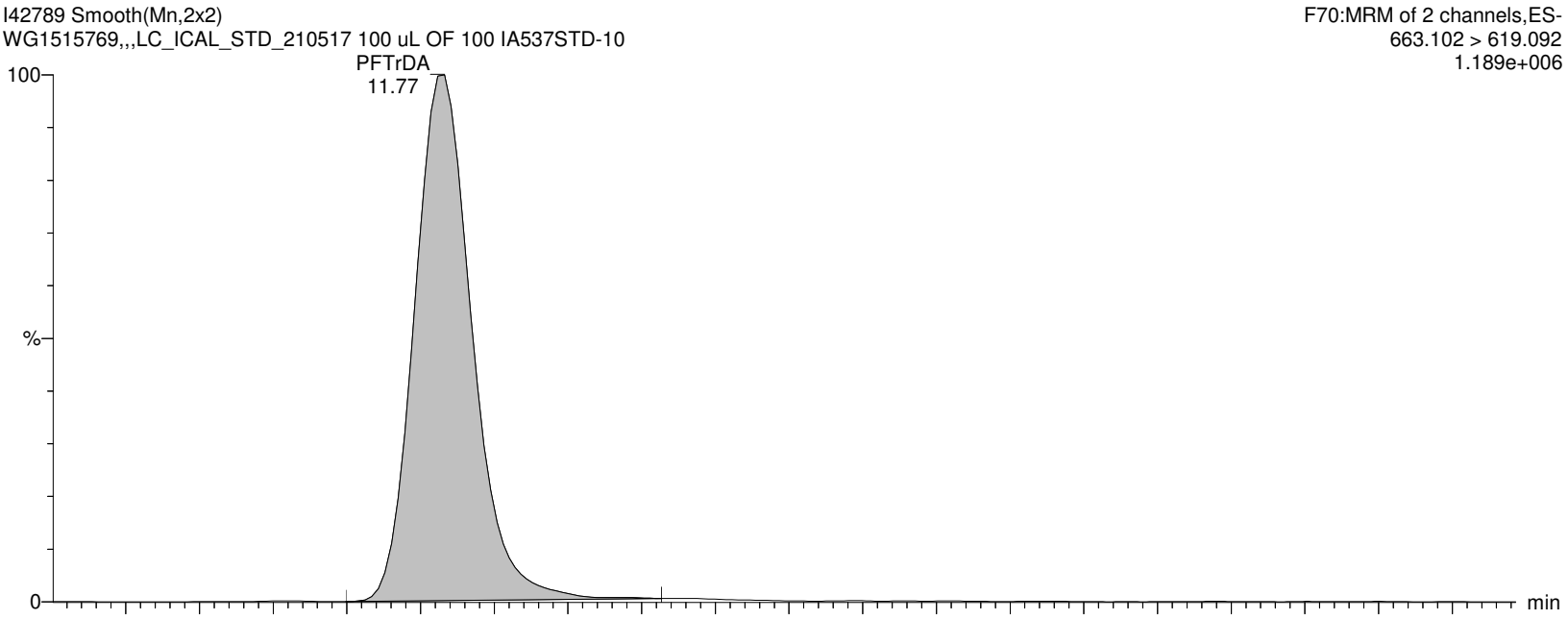


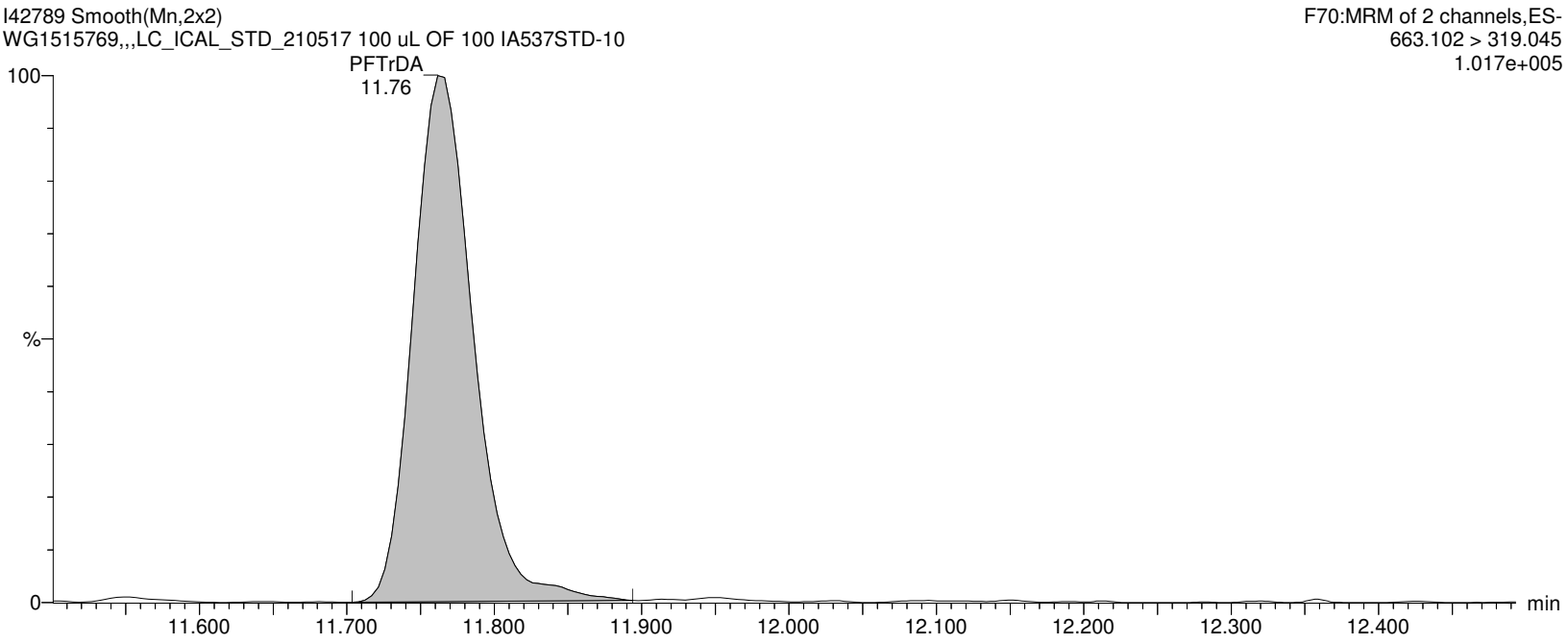
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTrDA



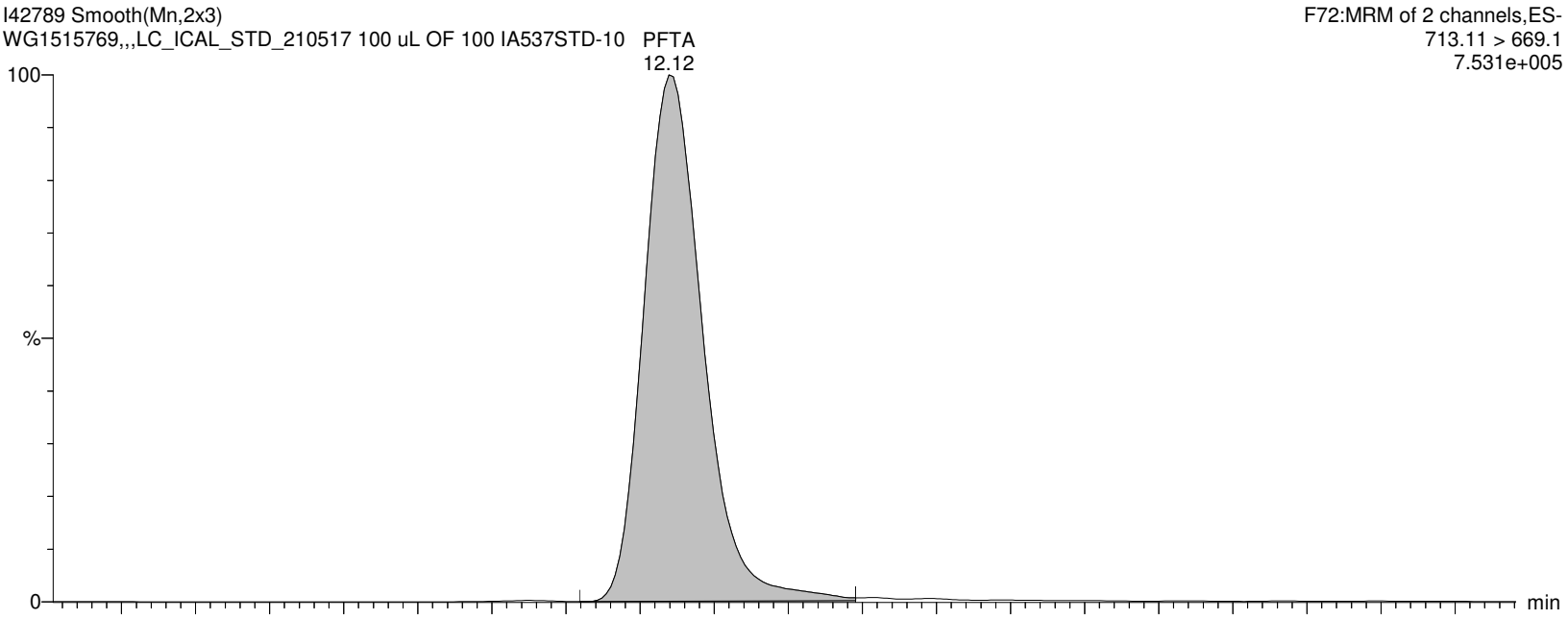


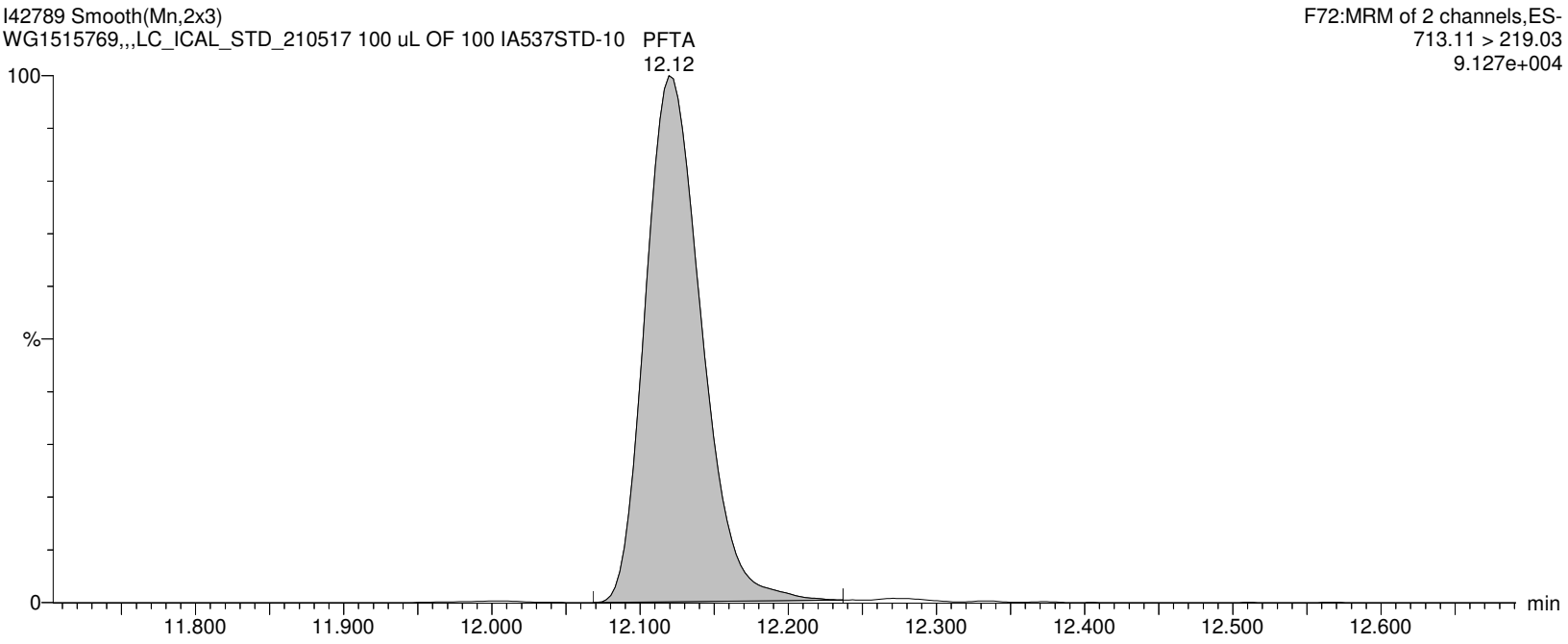
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTA



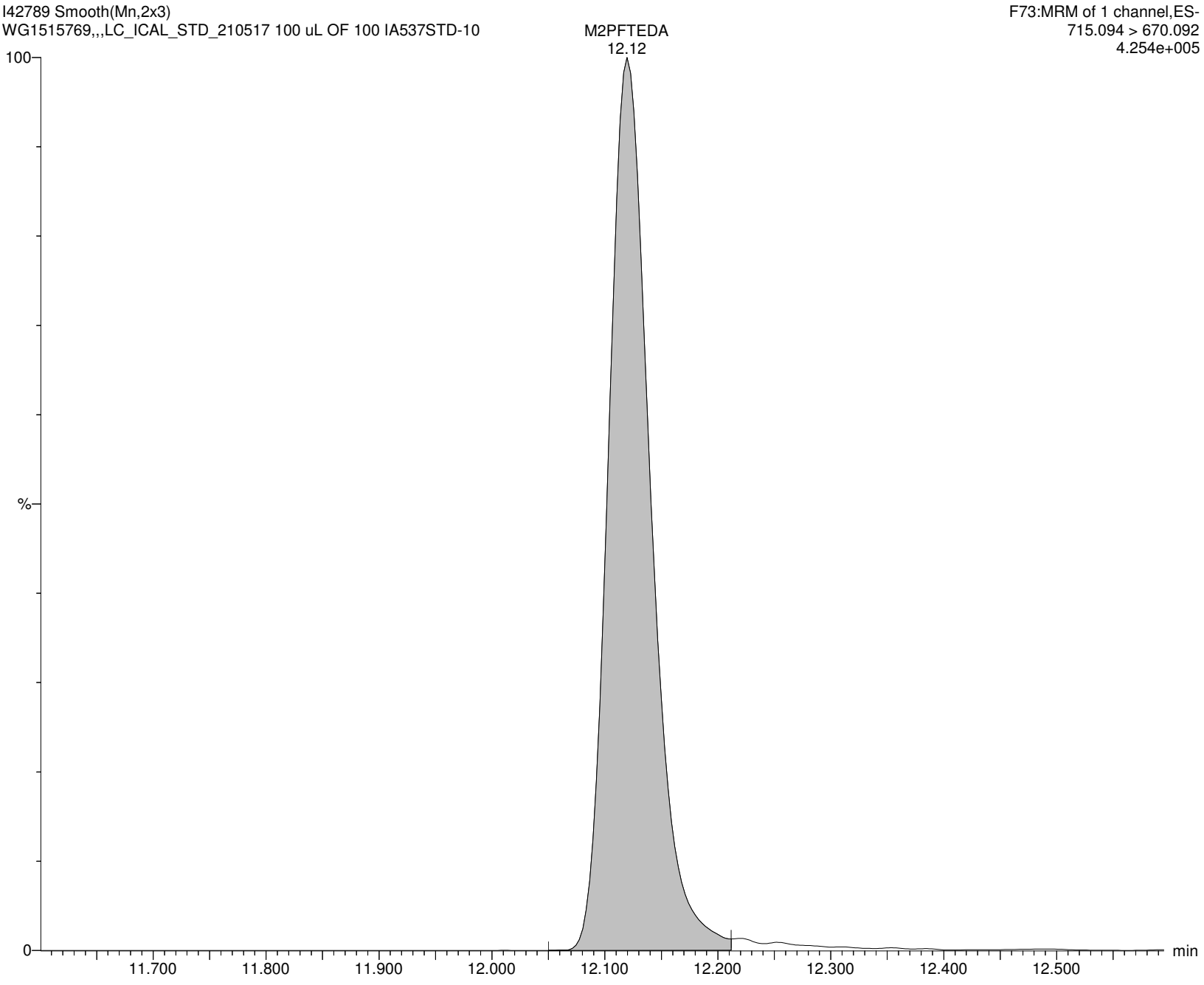


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFTEDA

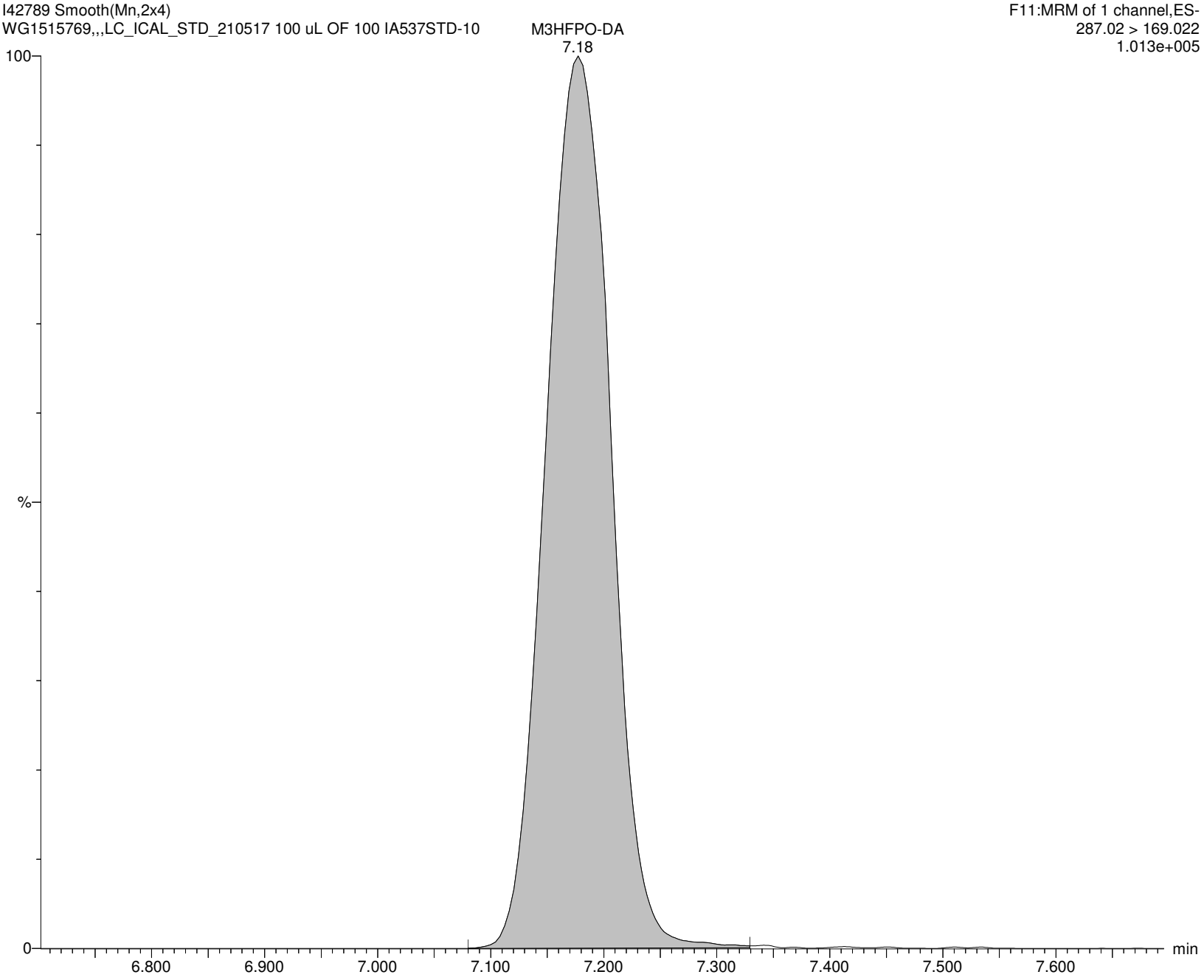


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3HFPO-DA

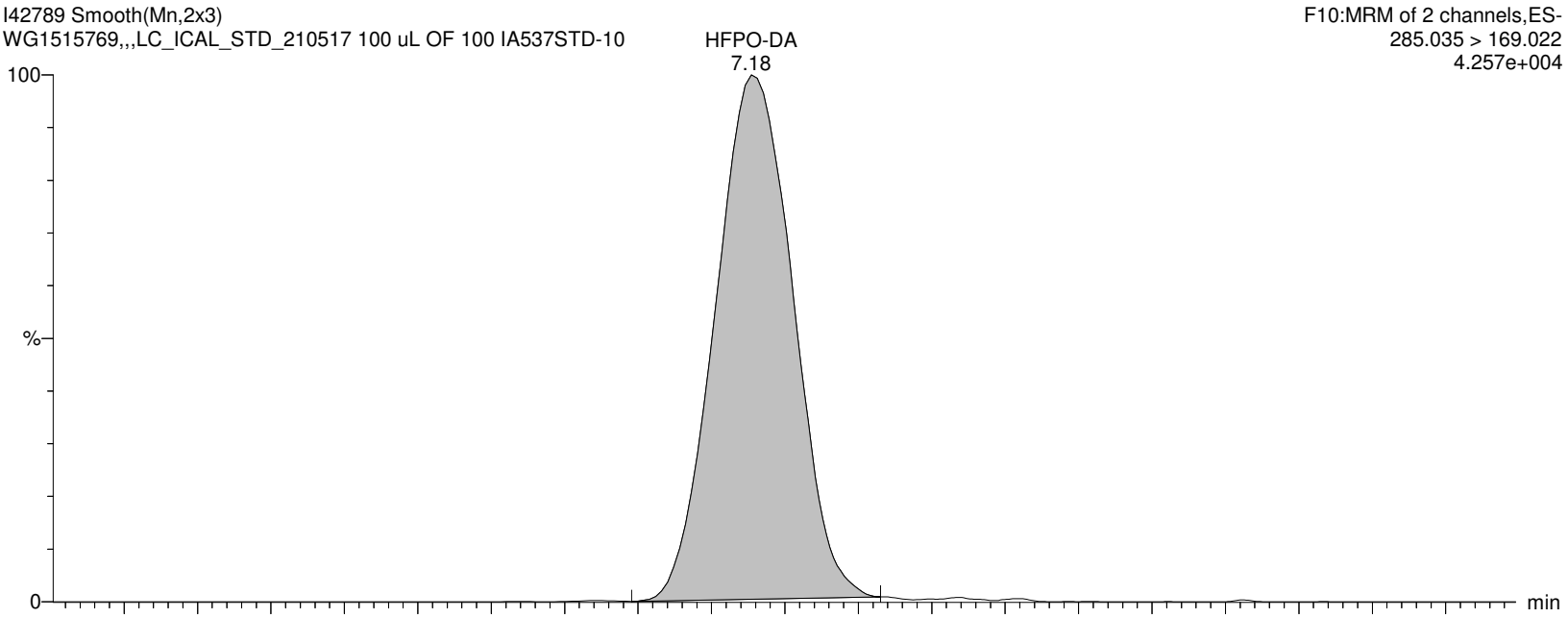


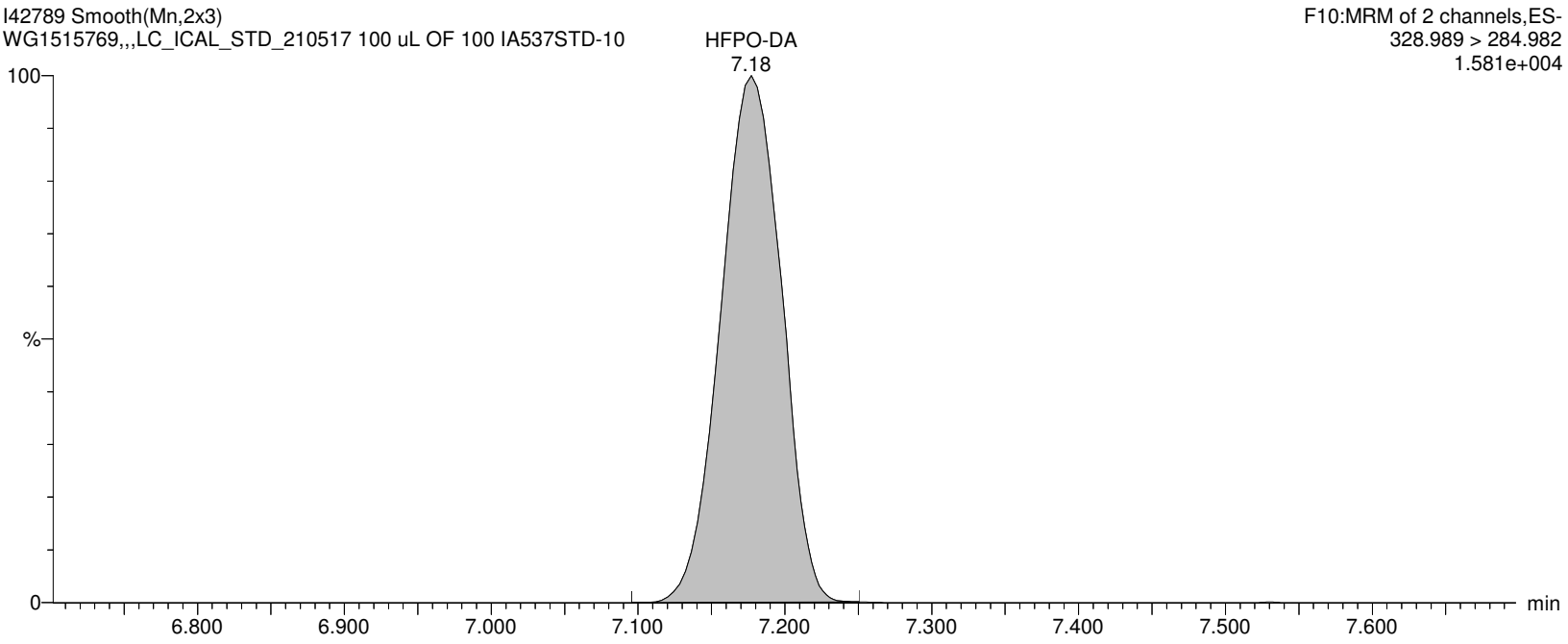
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

HFPO-DA



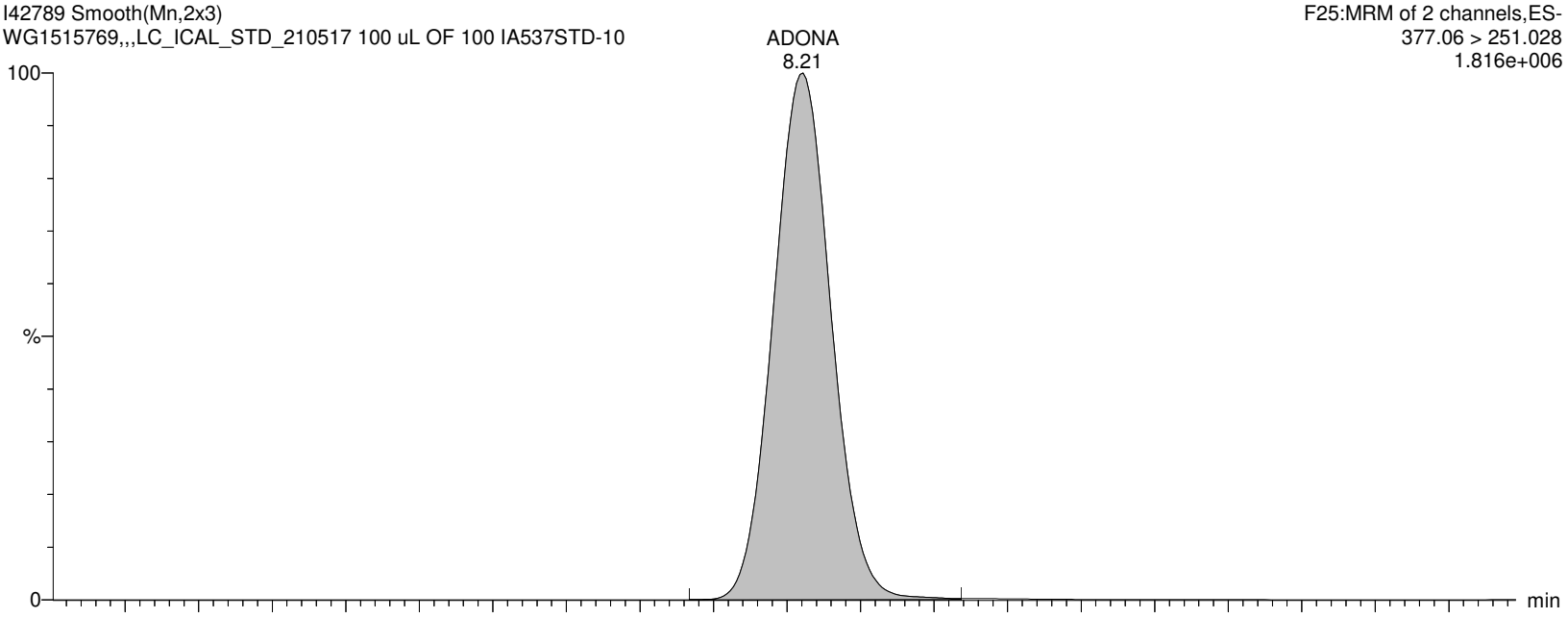


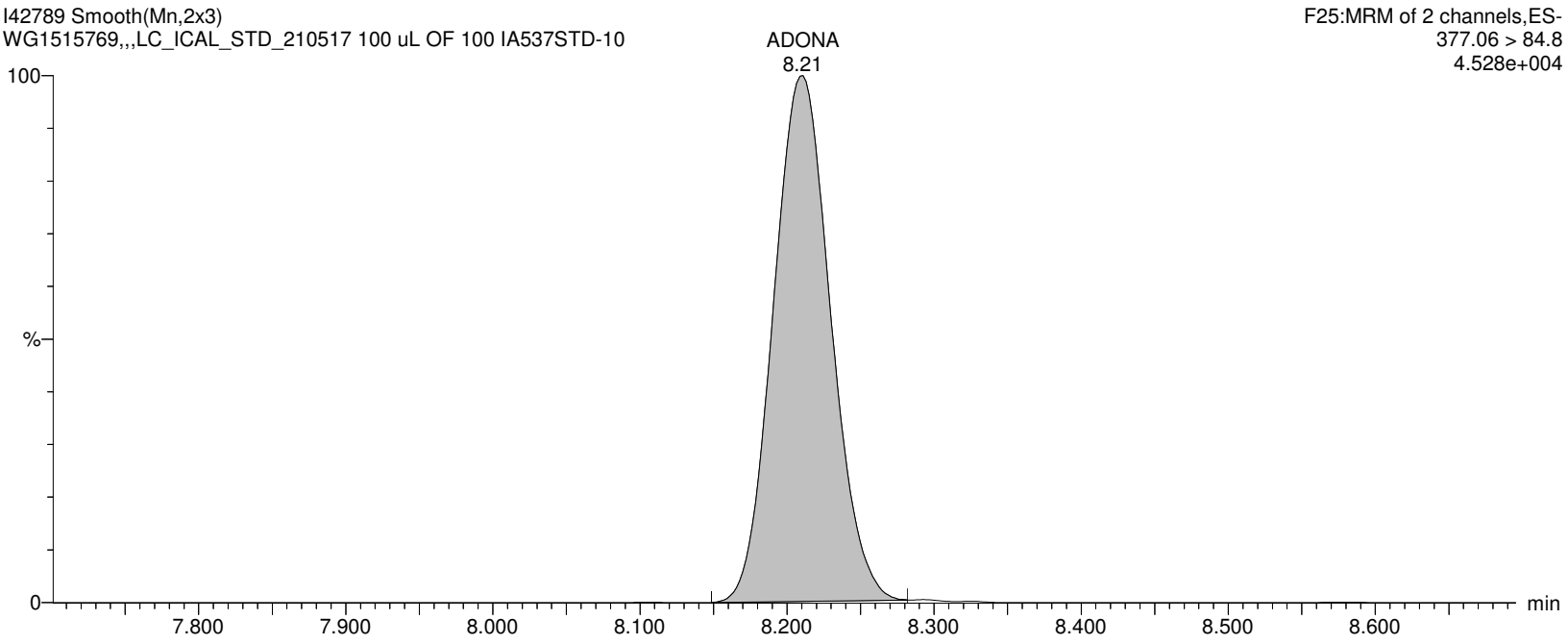
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

ADONA



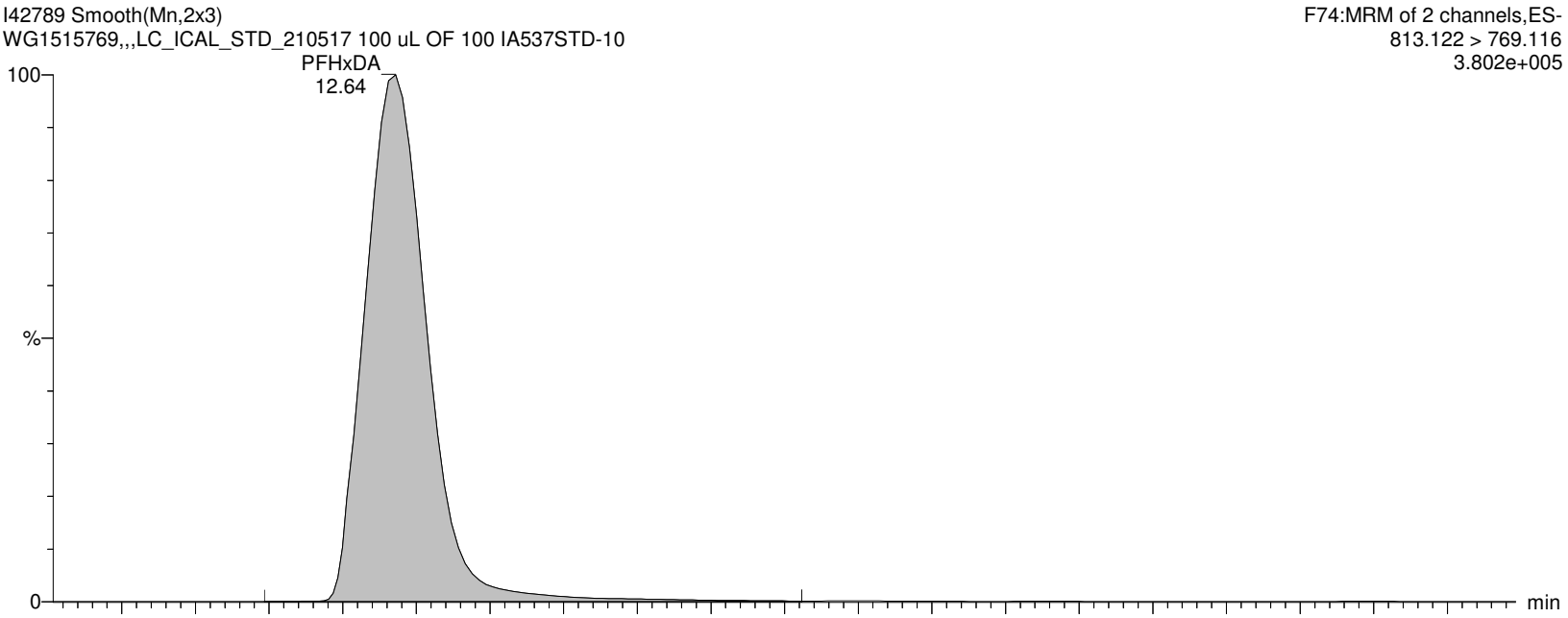


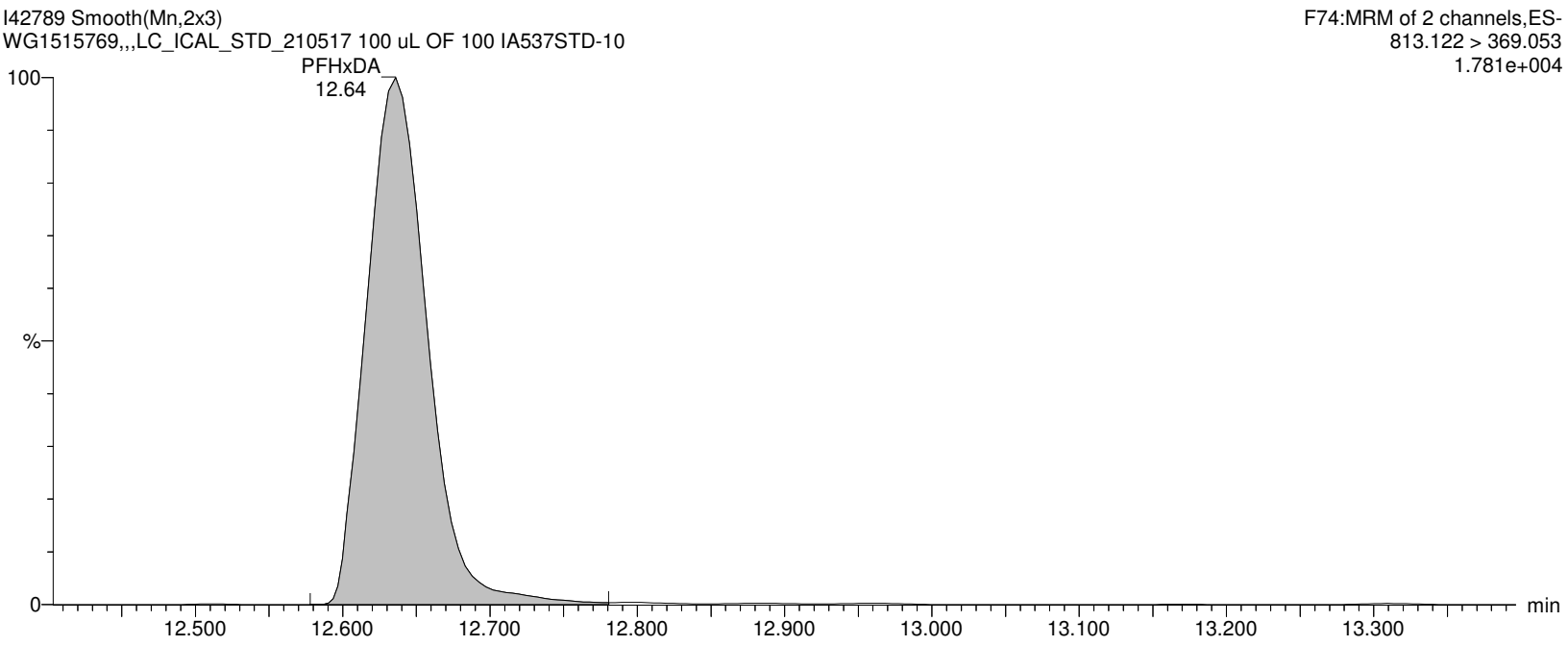
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxDA



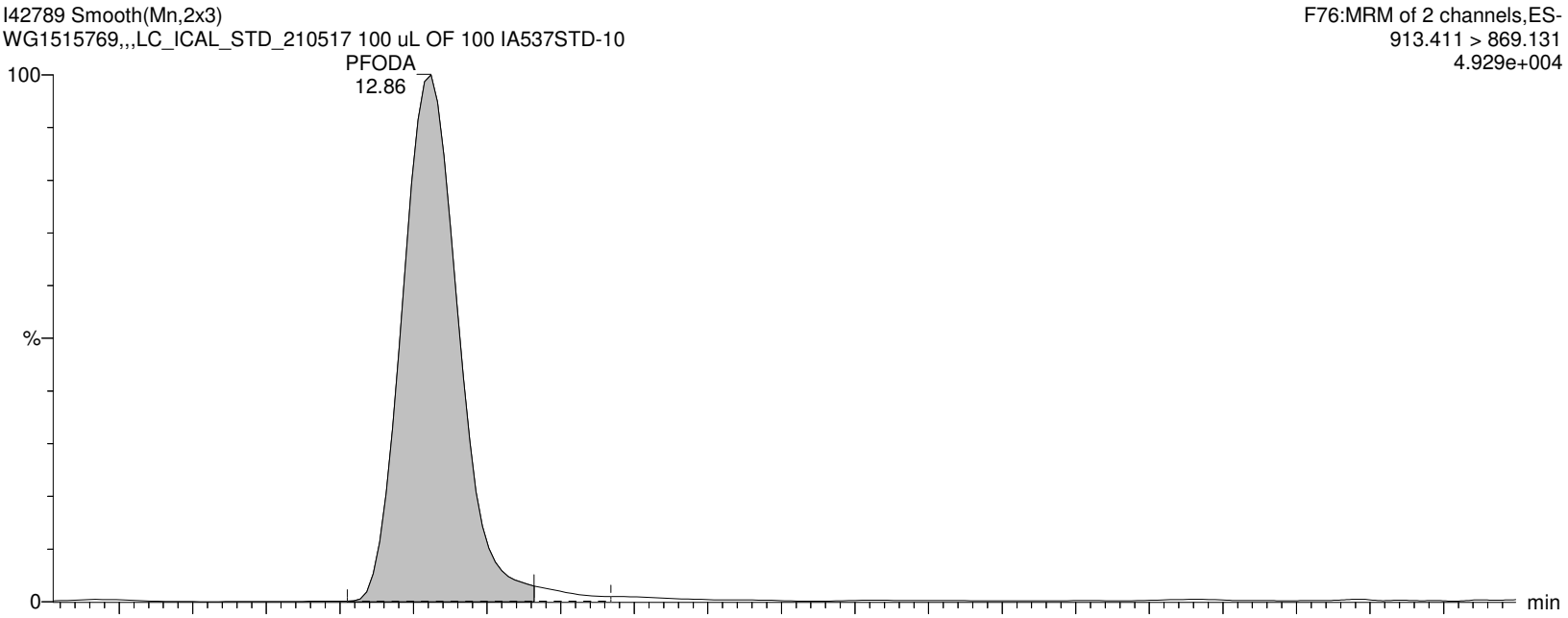


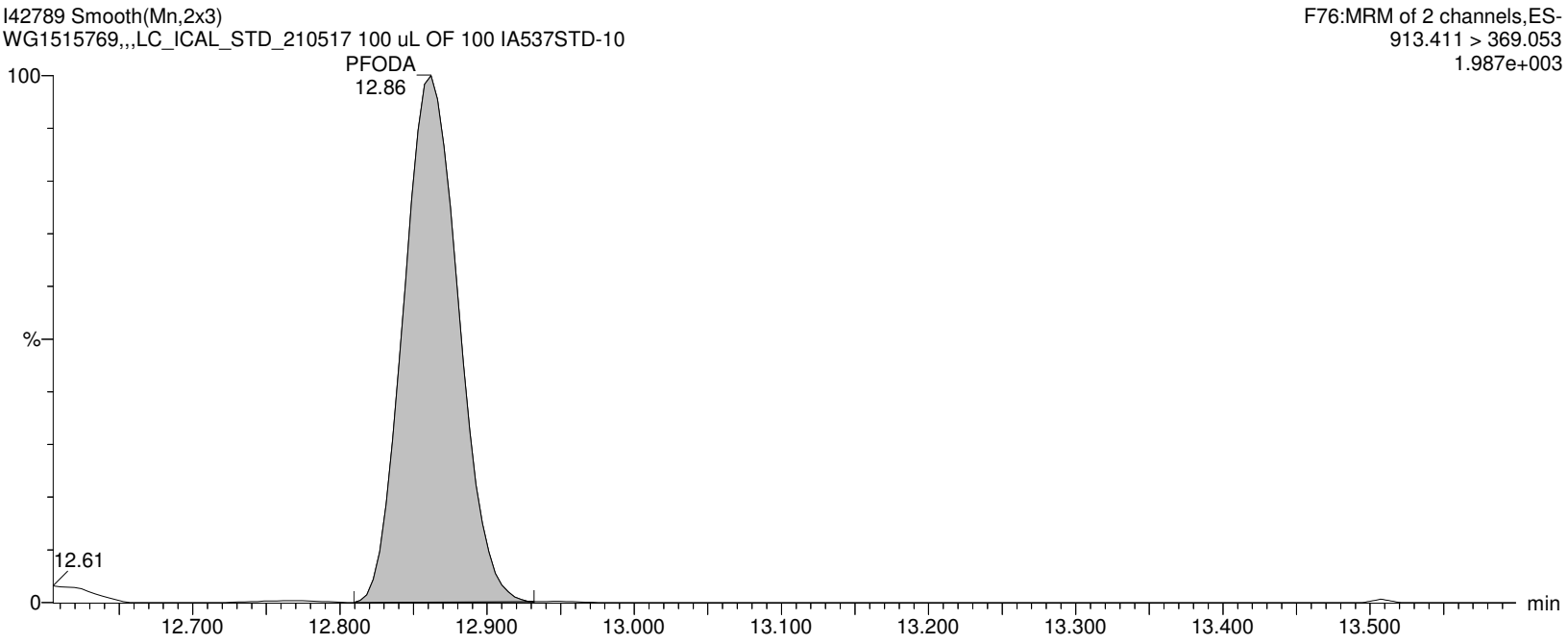
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFODA



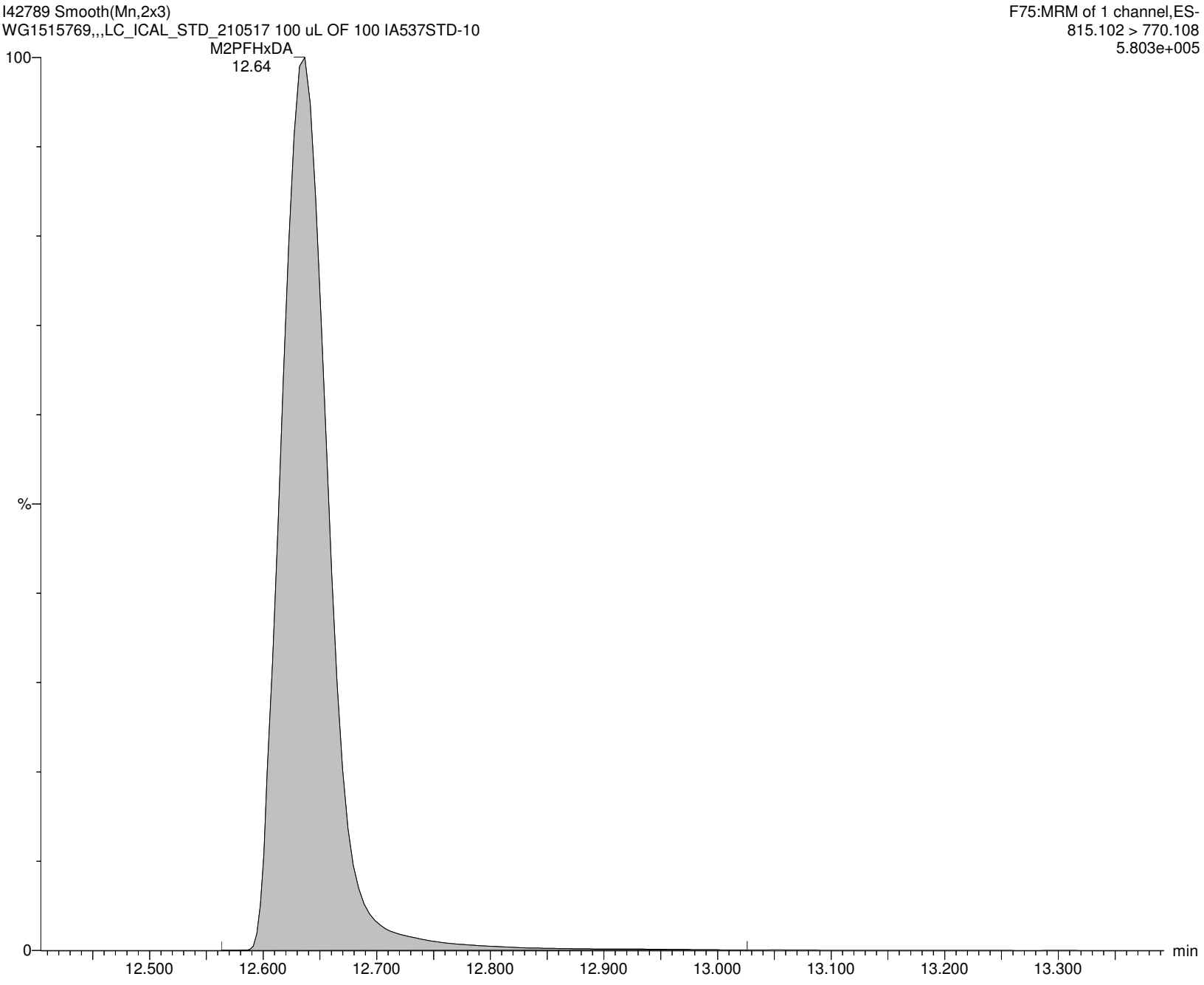


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFHxDA

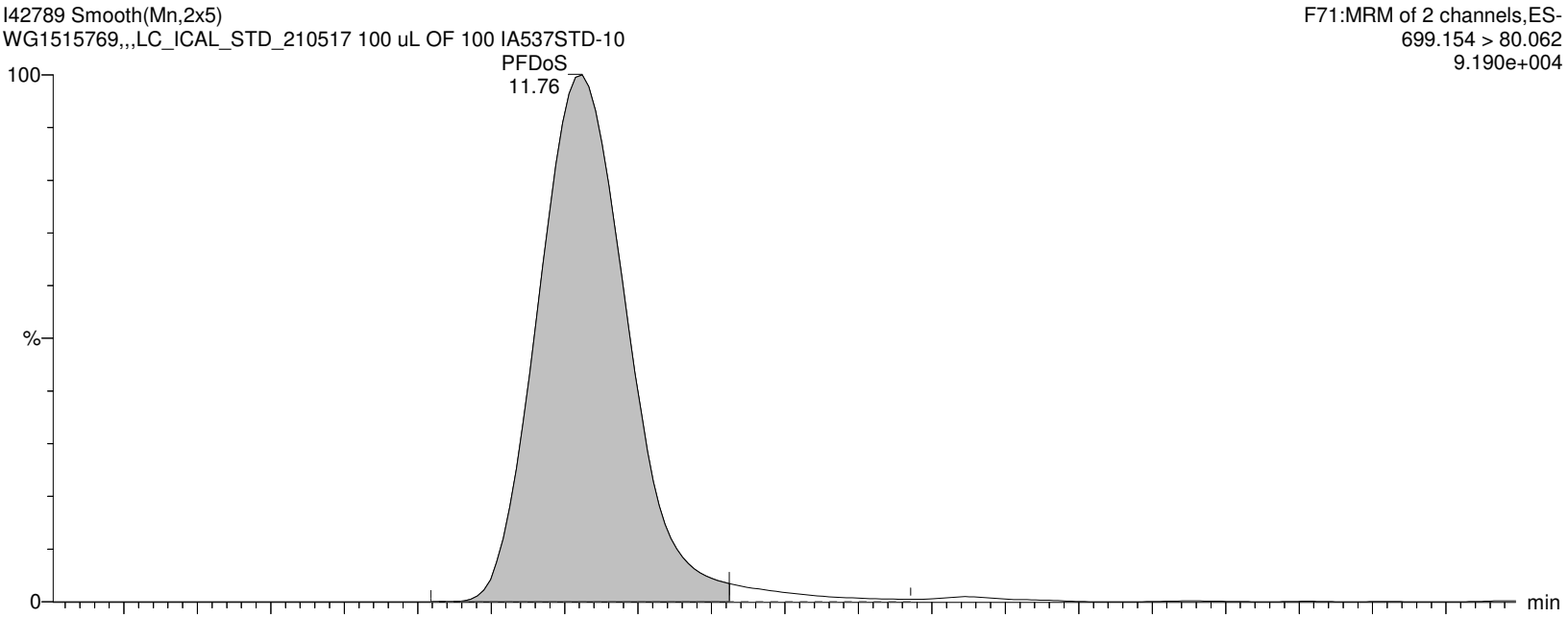


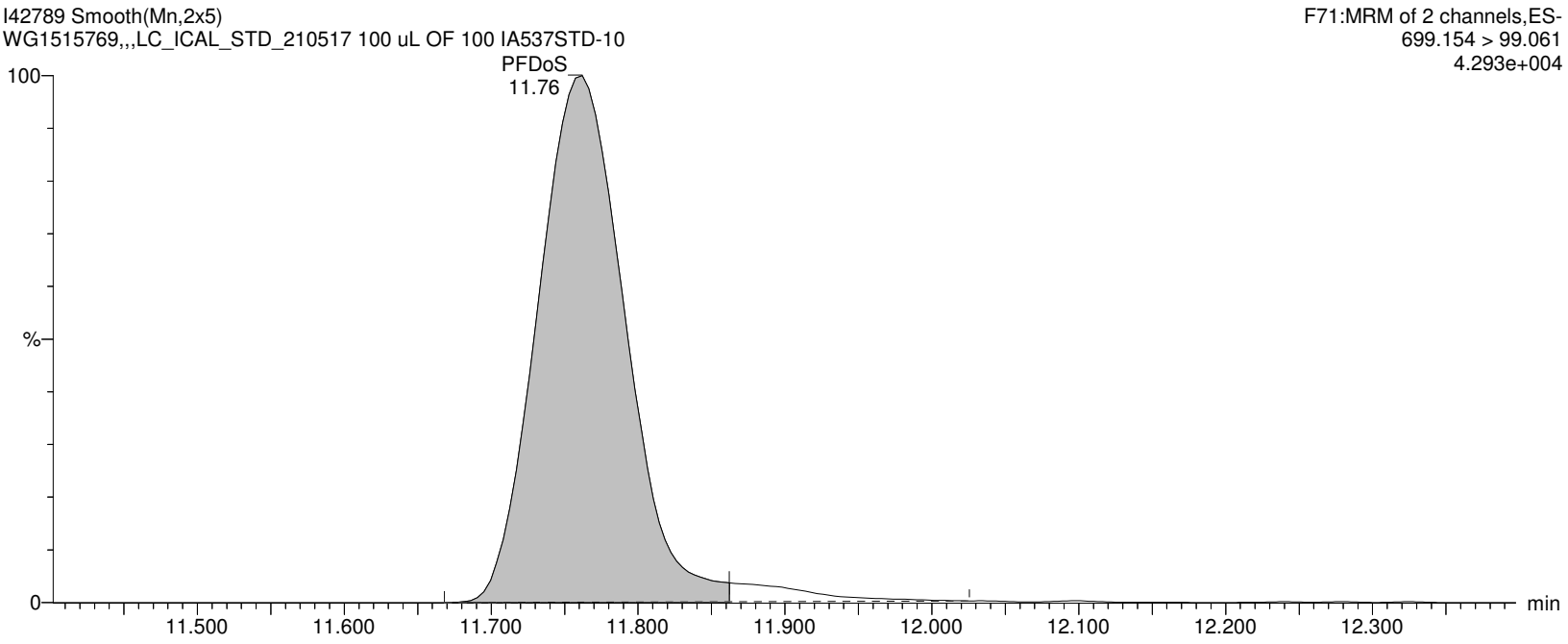
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoS



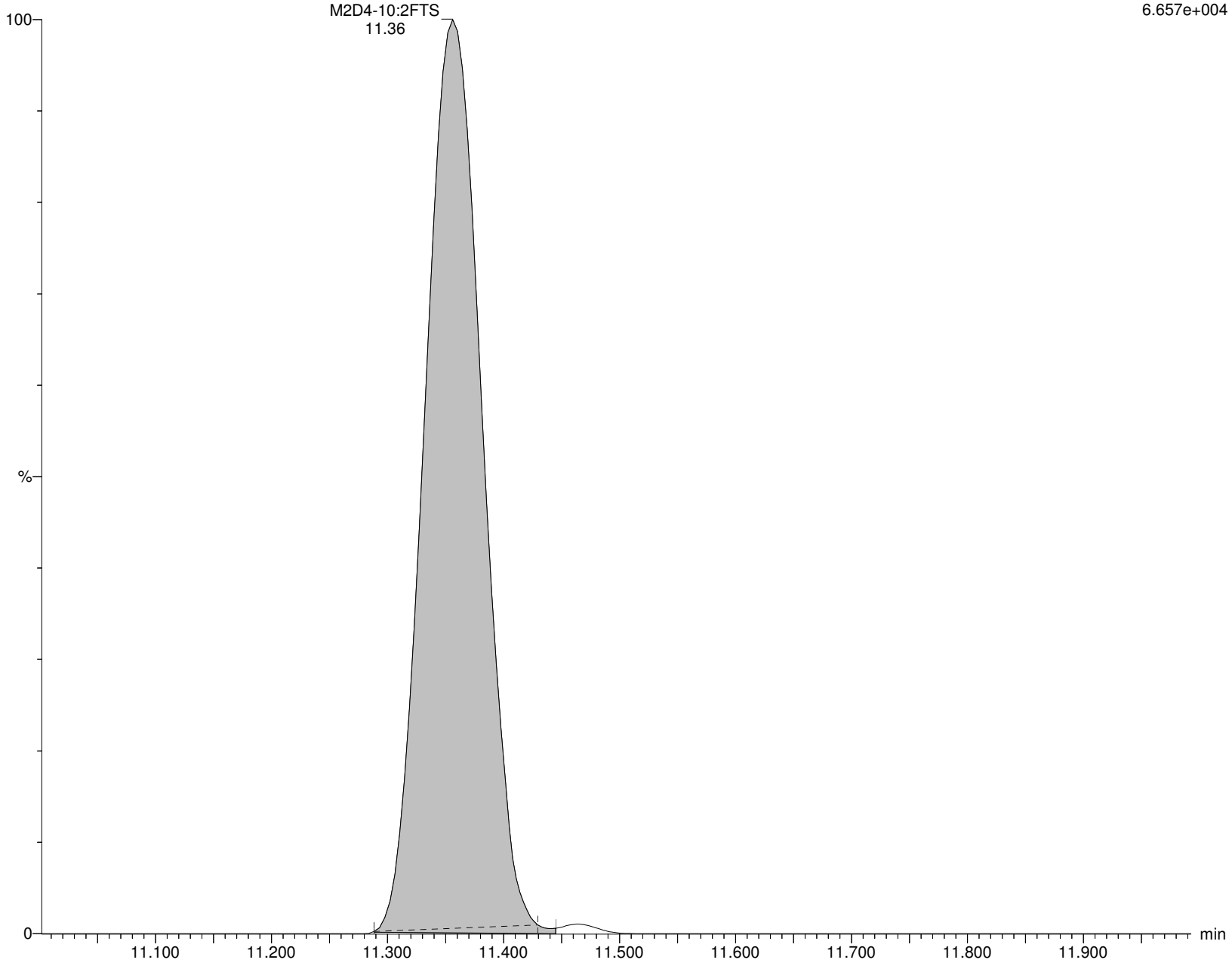


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2D4-10:2FTS

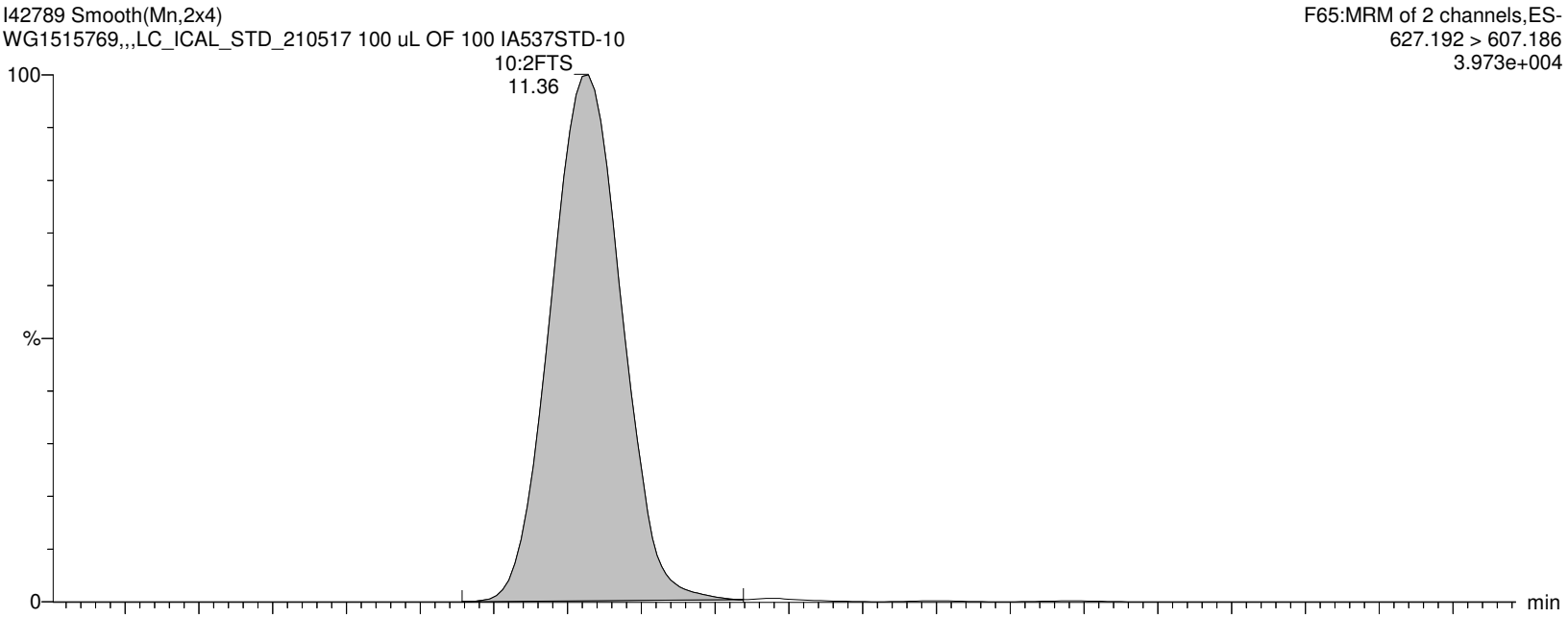


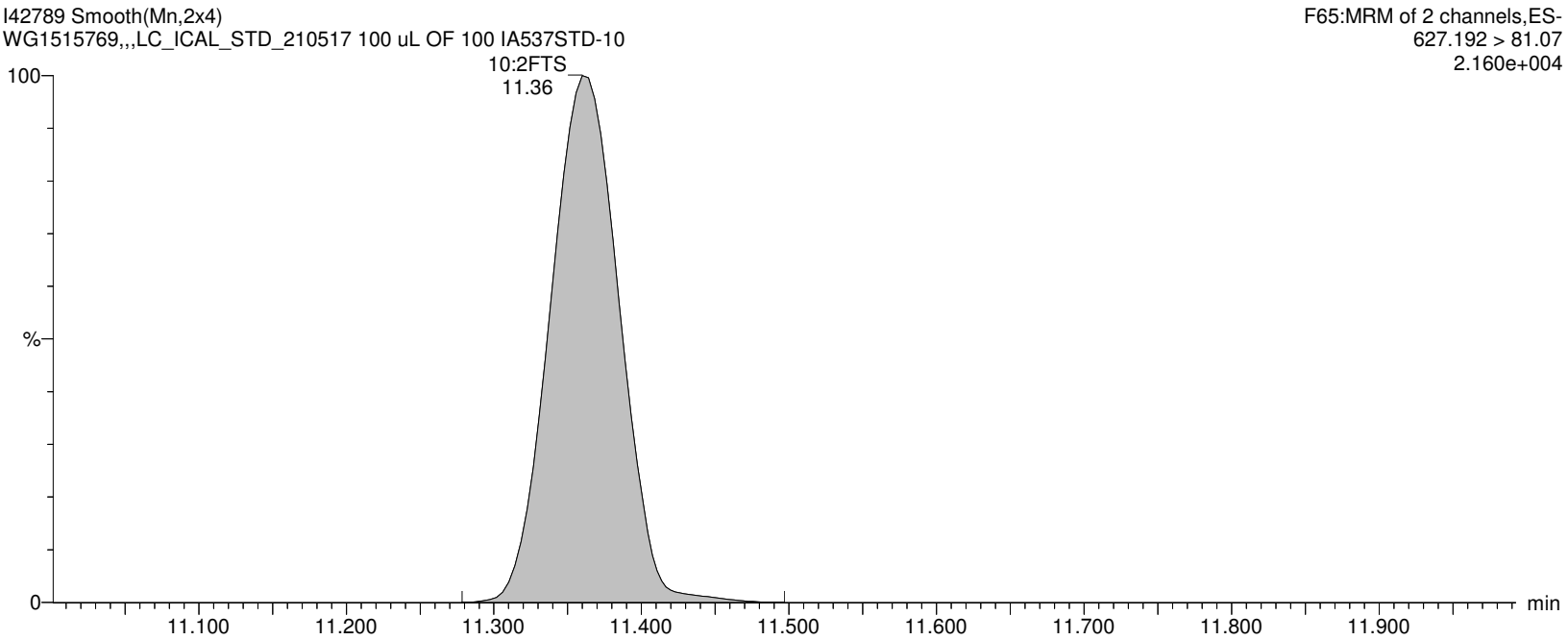
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

10:2FTS



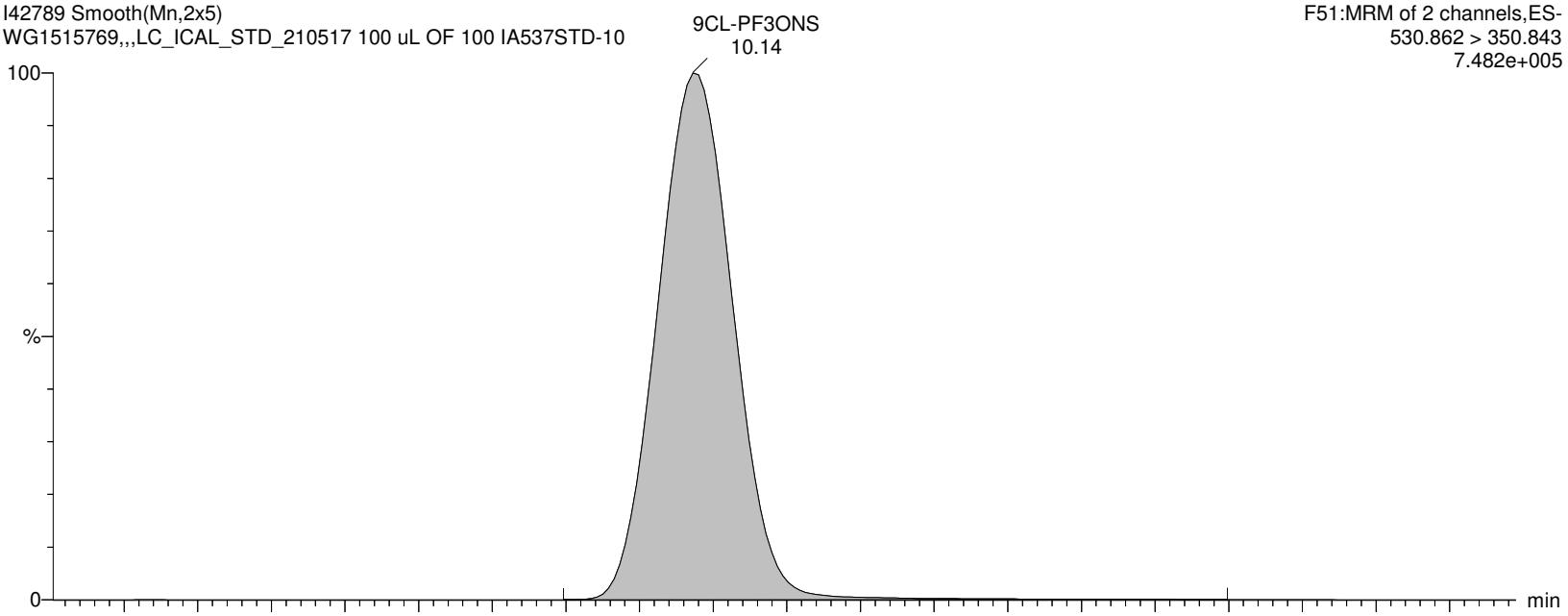


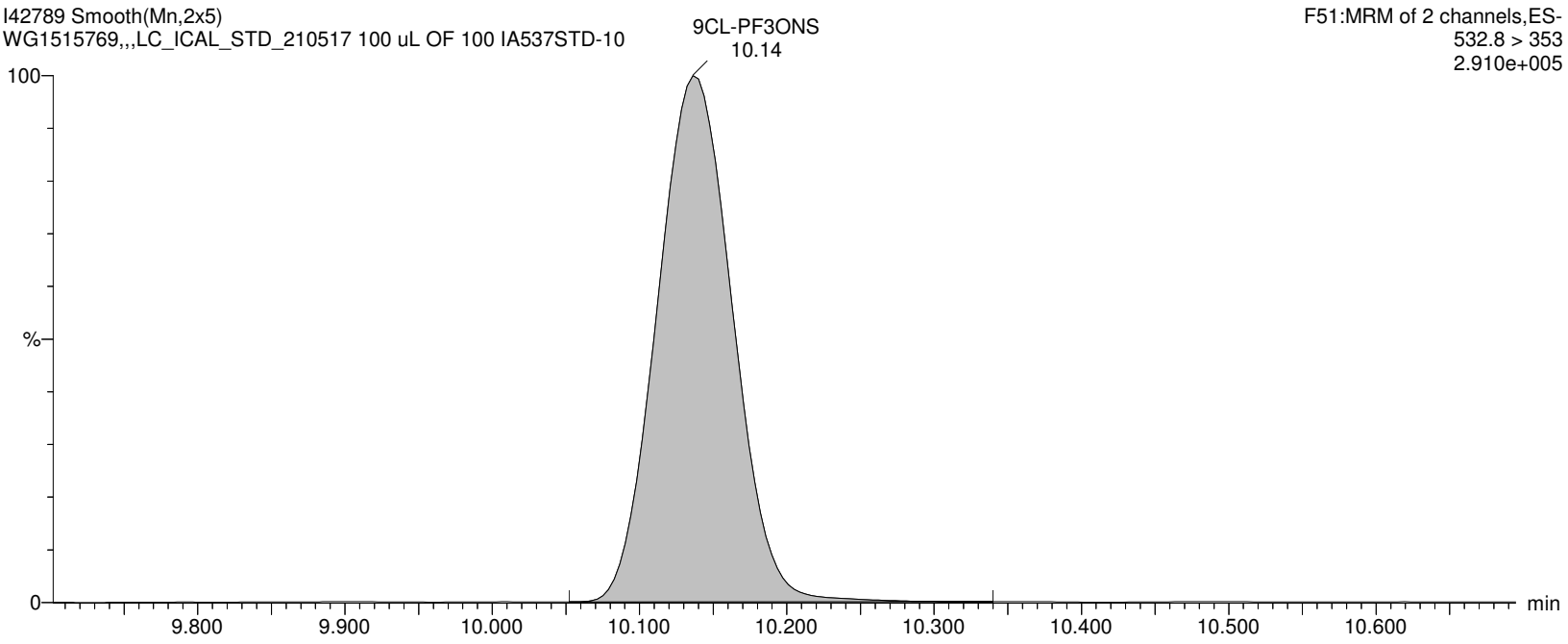
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

9CL-PF3ONS



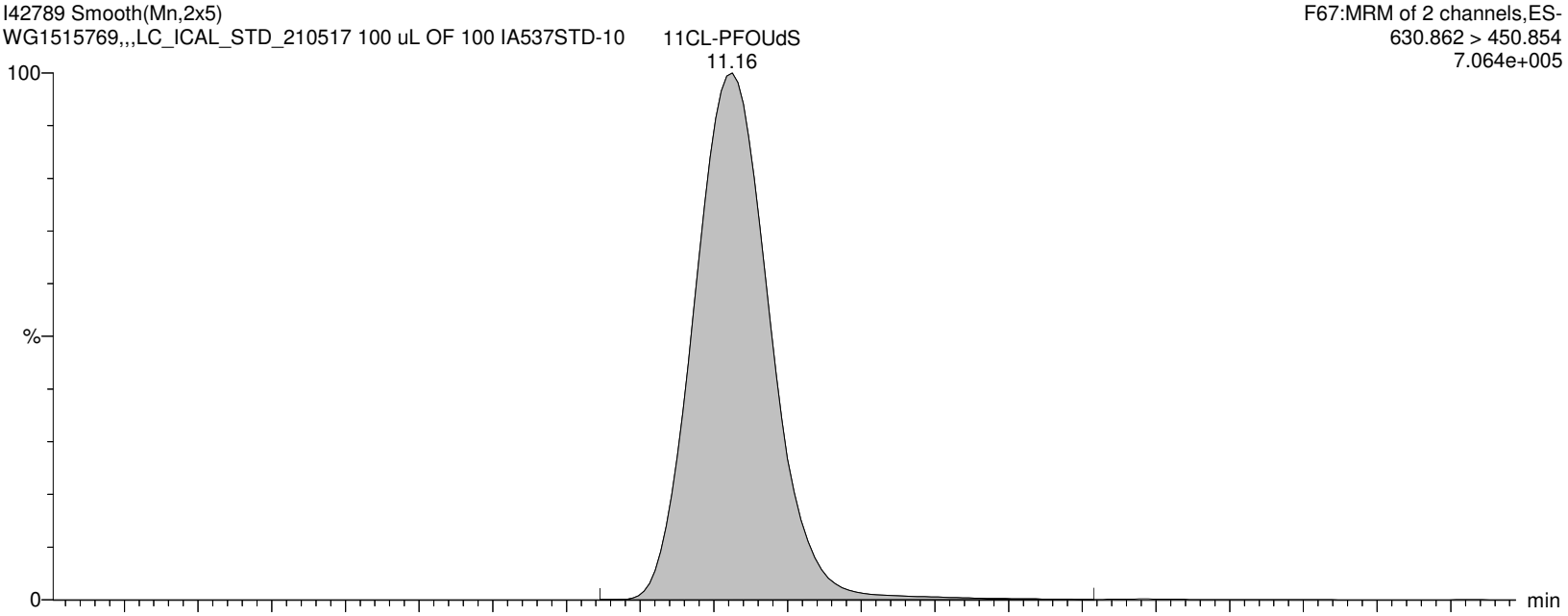


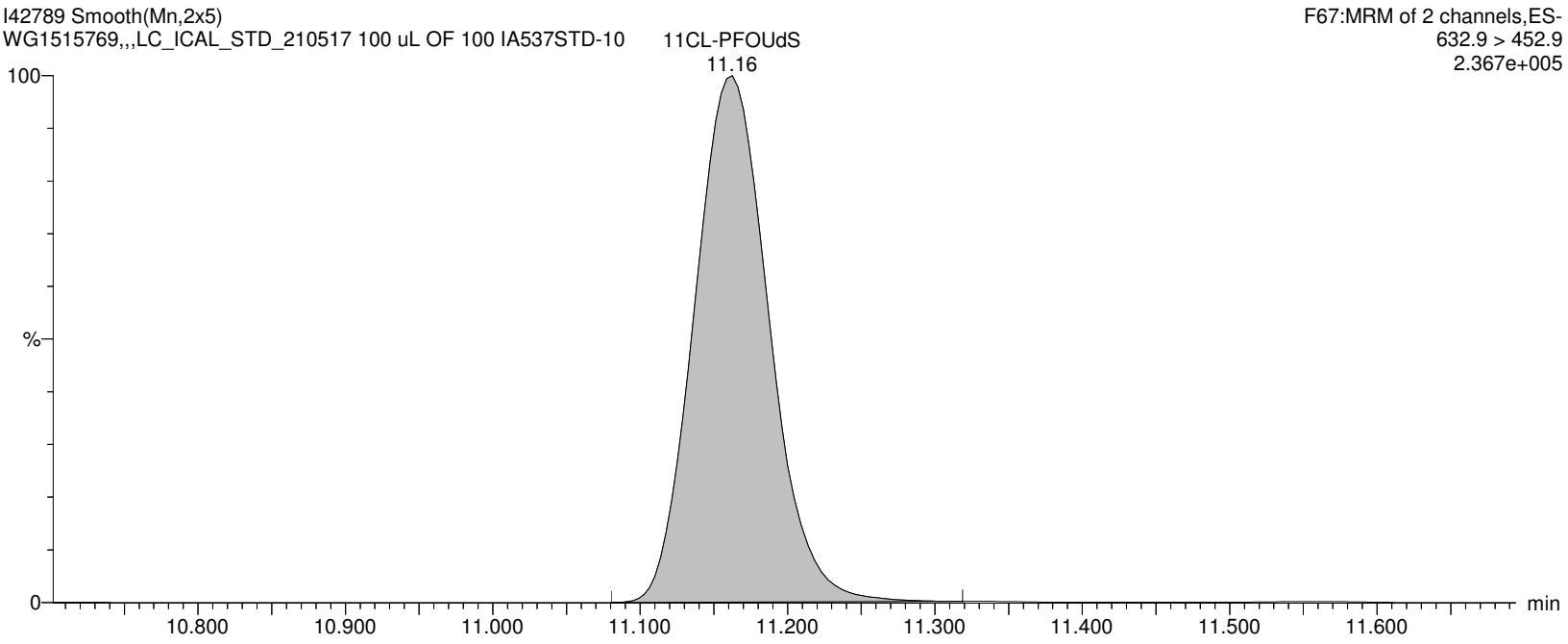
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

11CL-PFOUdS



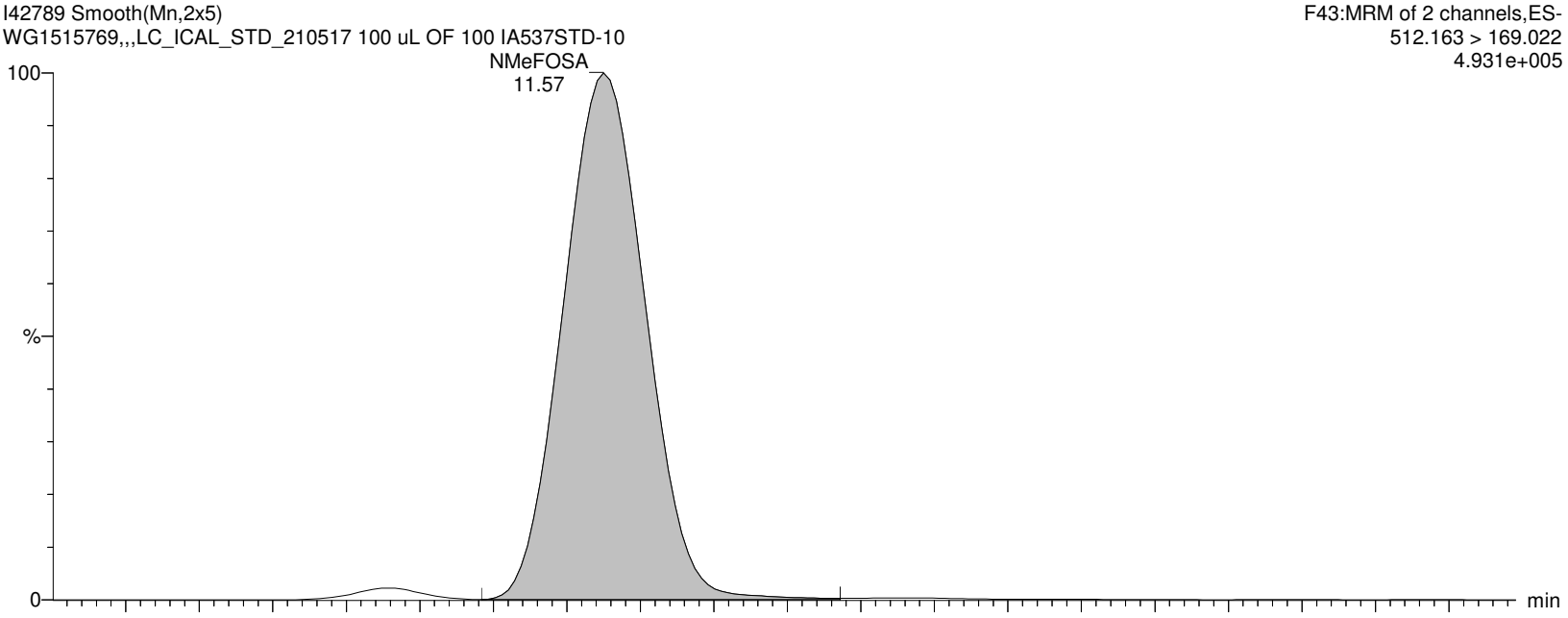


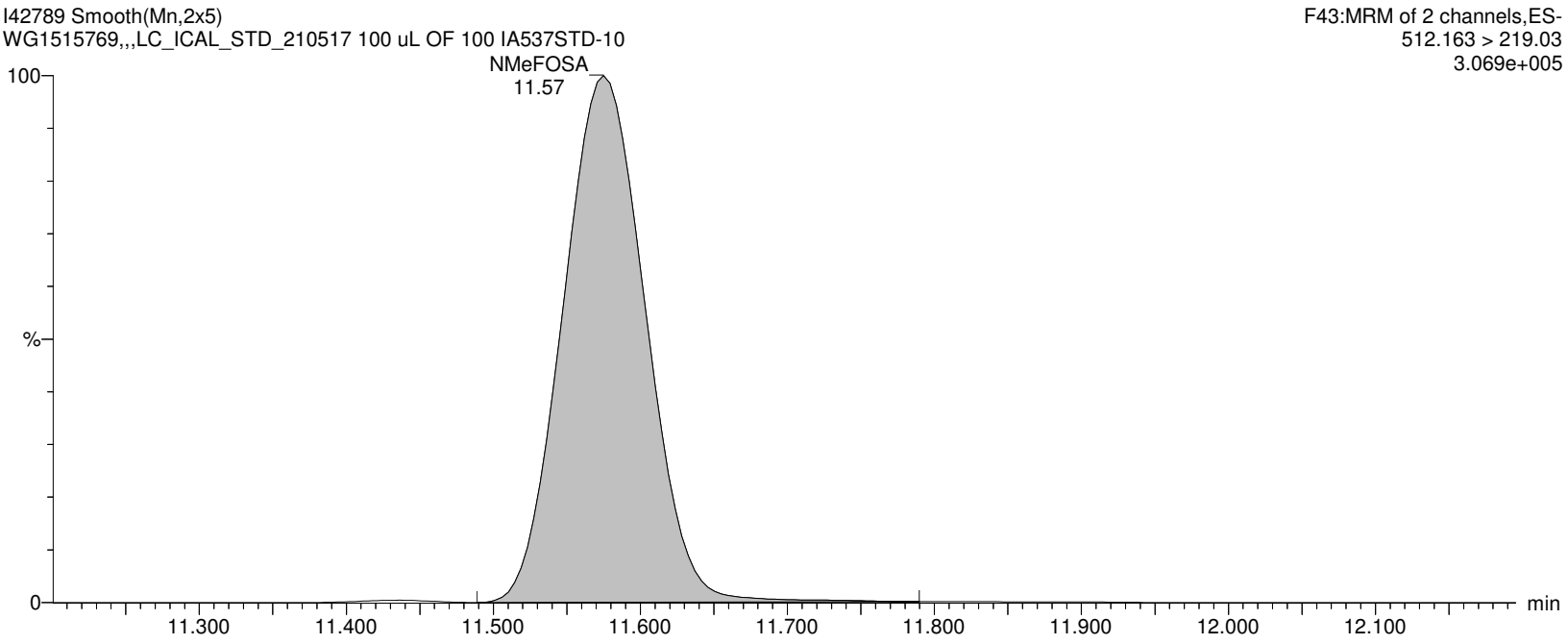
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSA



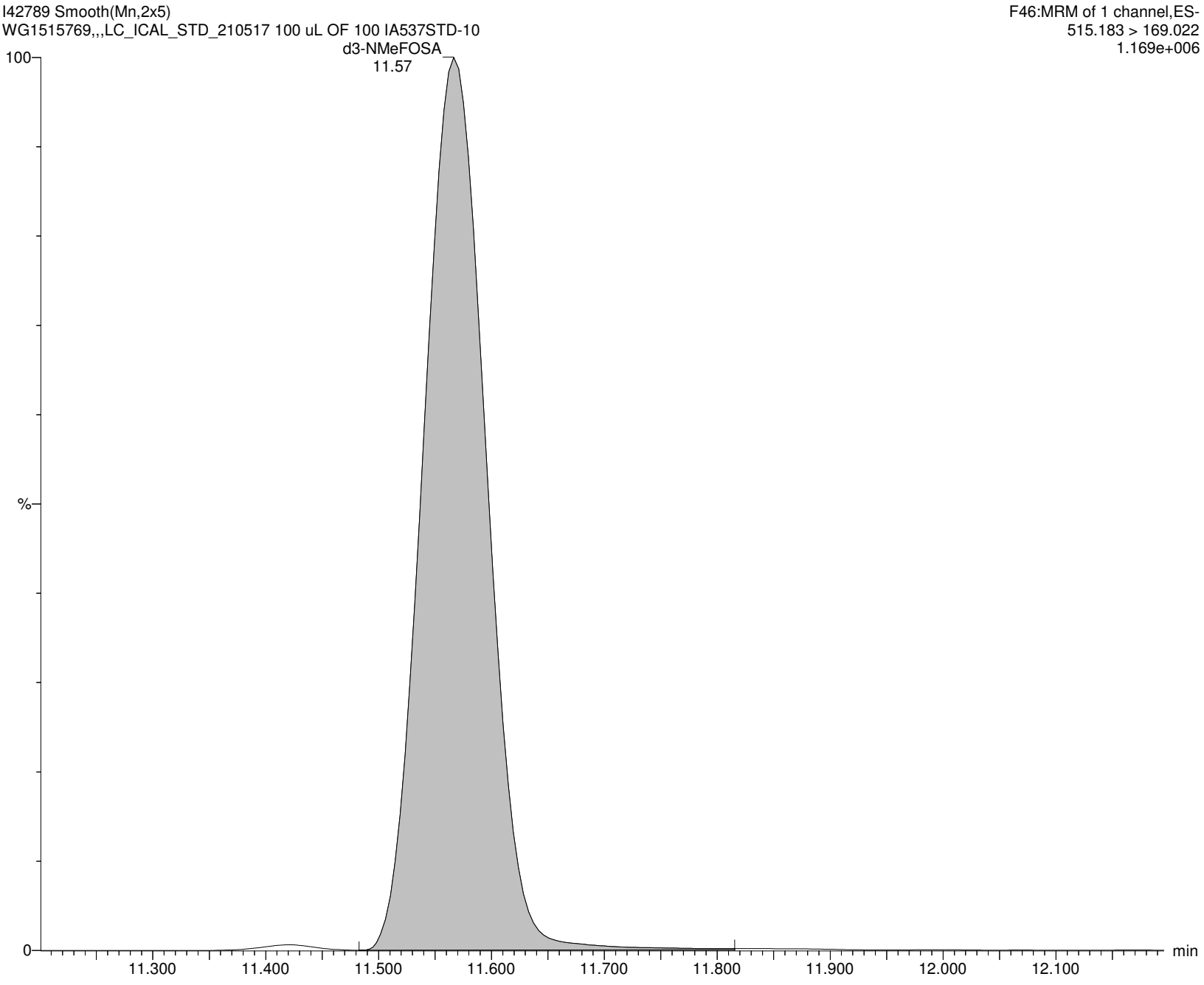


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSA

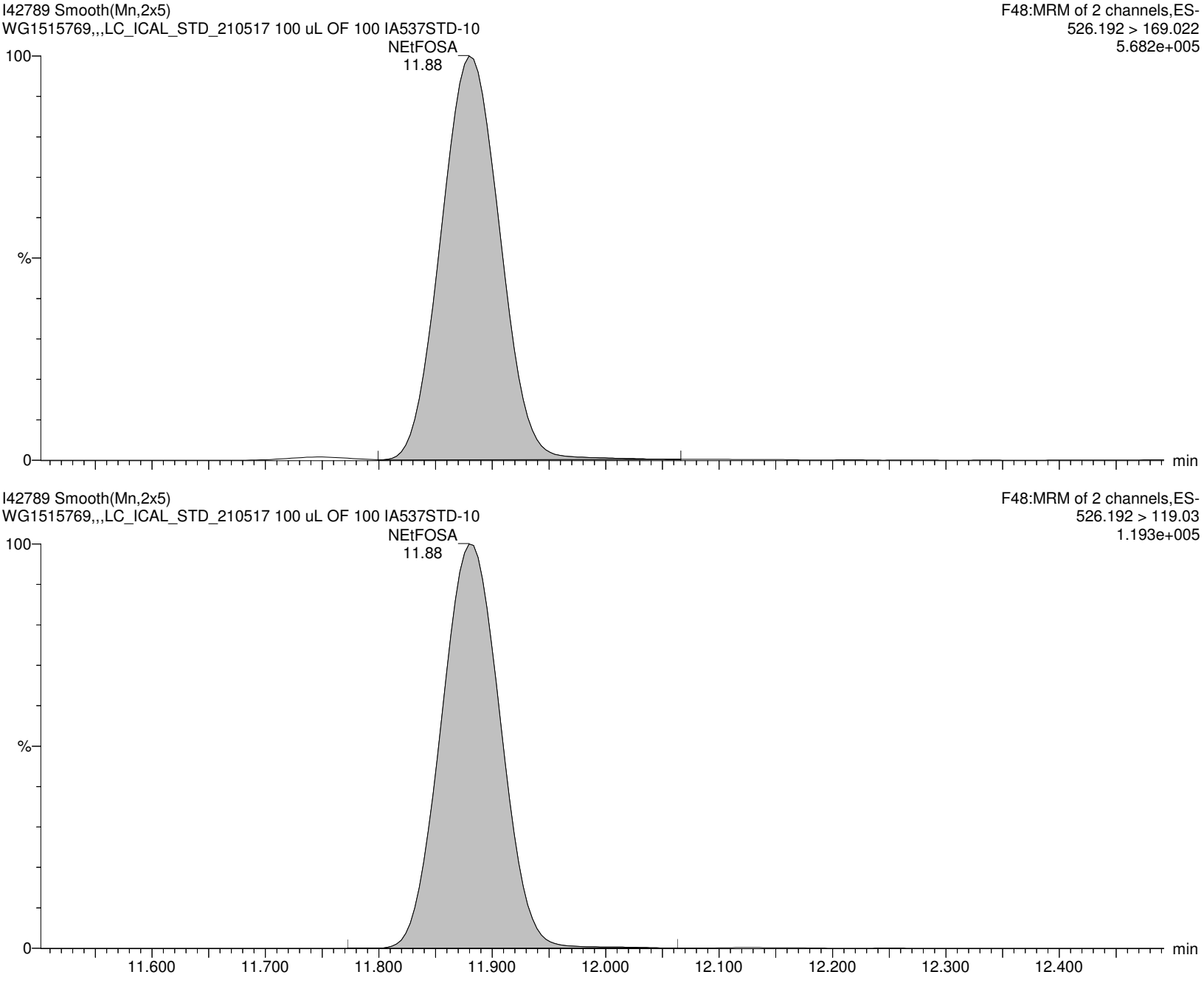


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSA

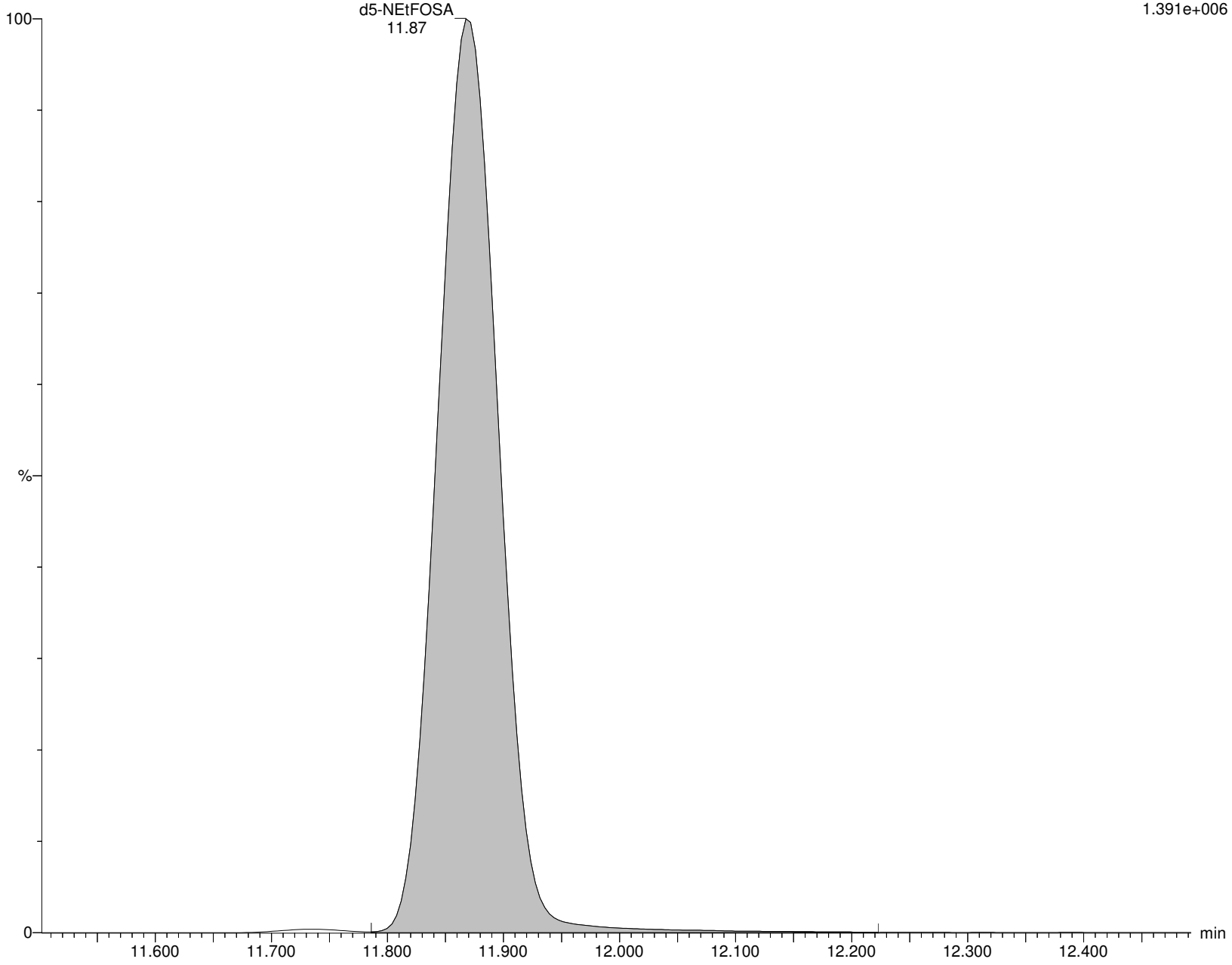


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSA

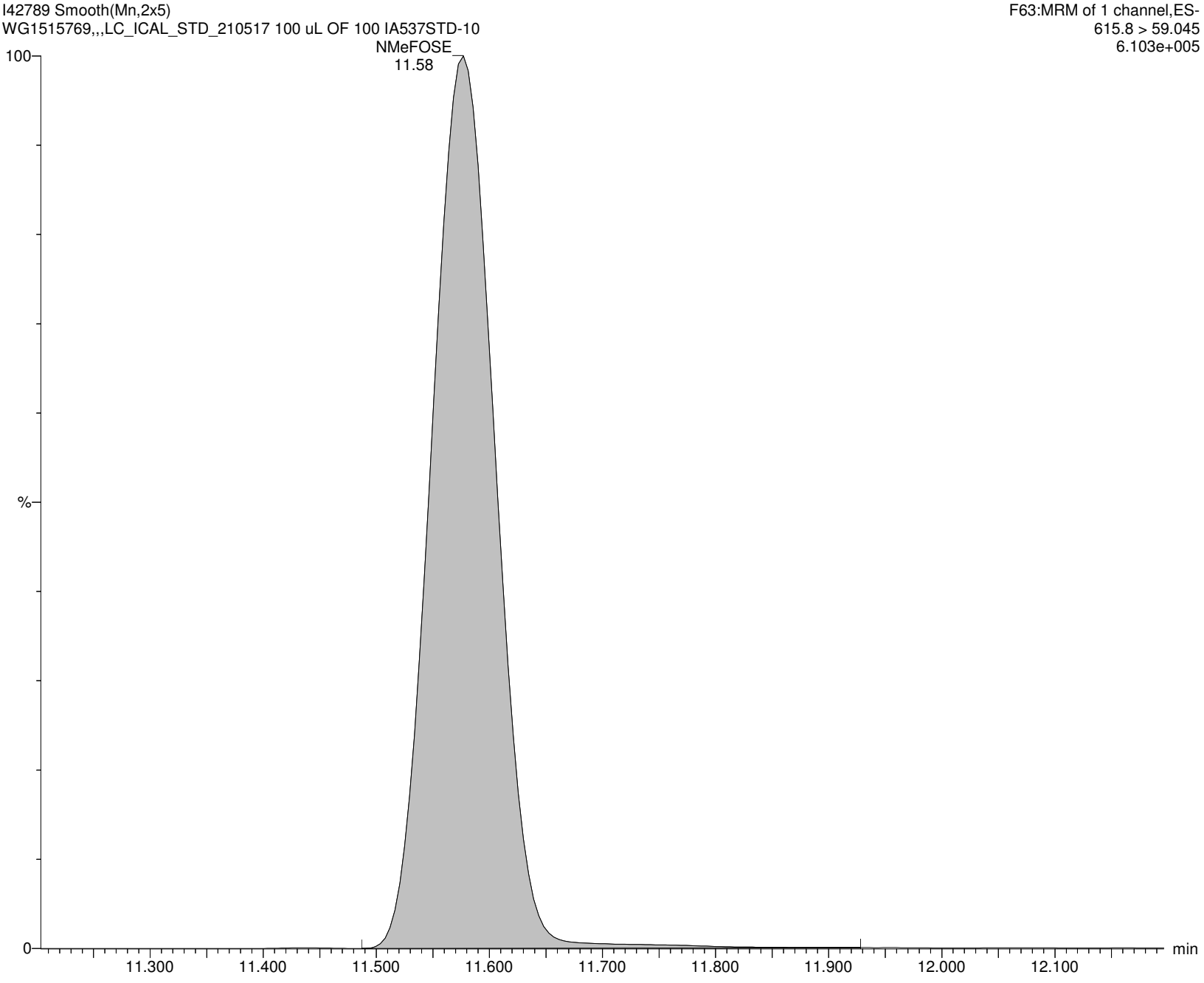


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSE

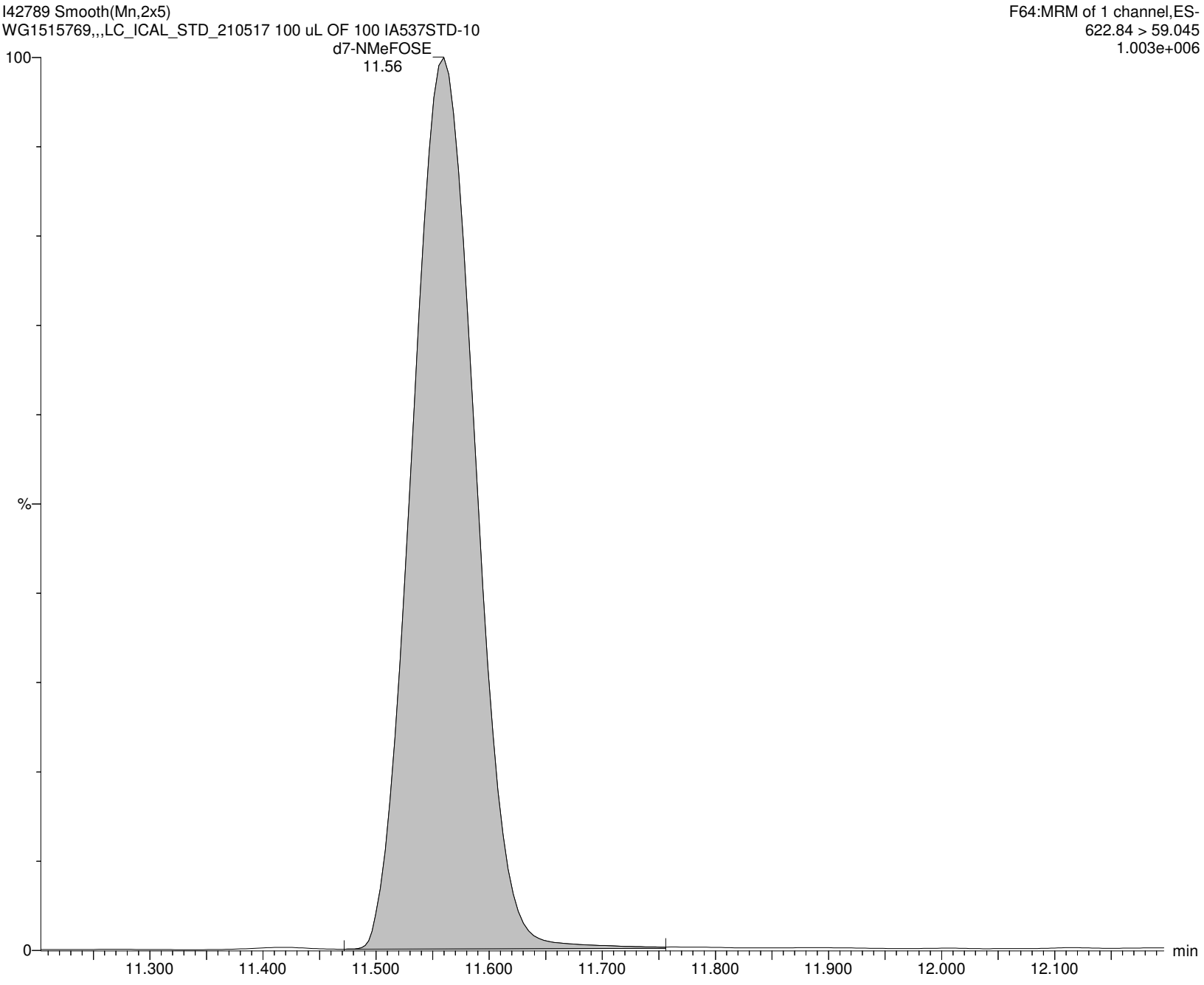


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d7-NMeFOSE

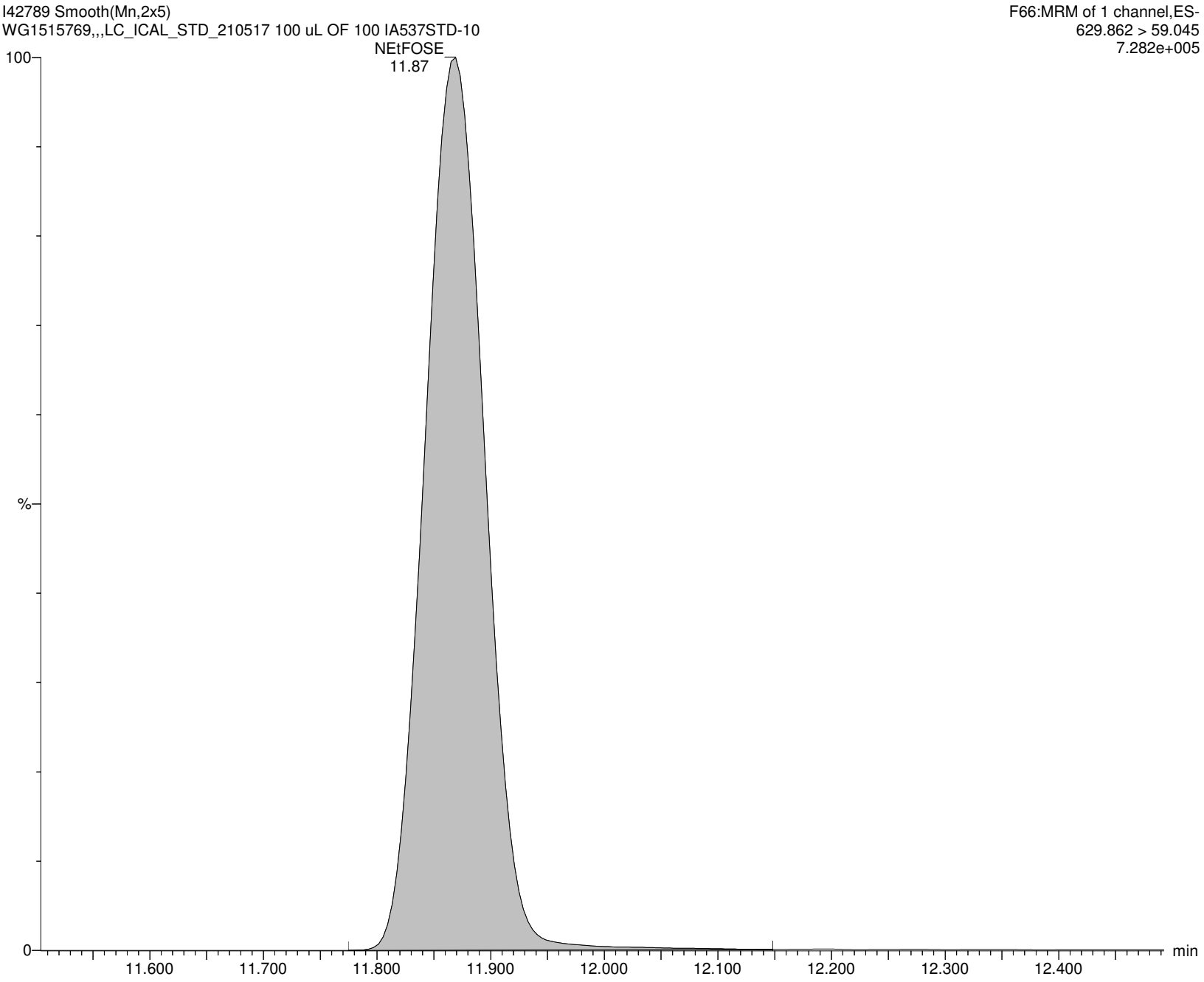


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSE

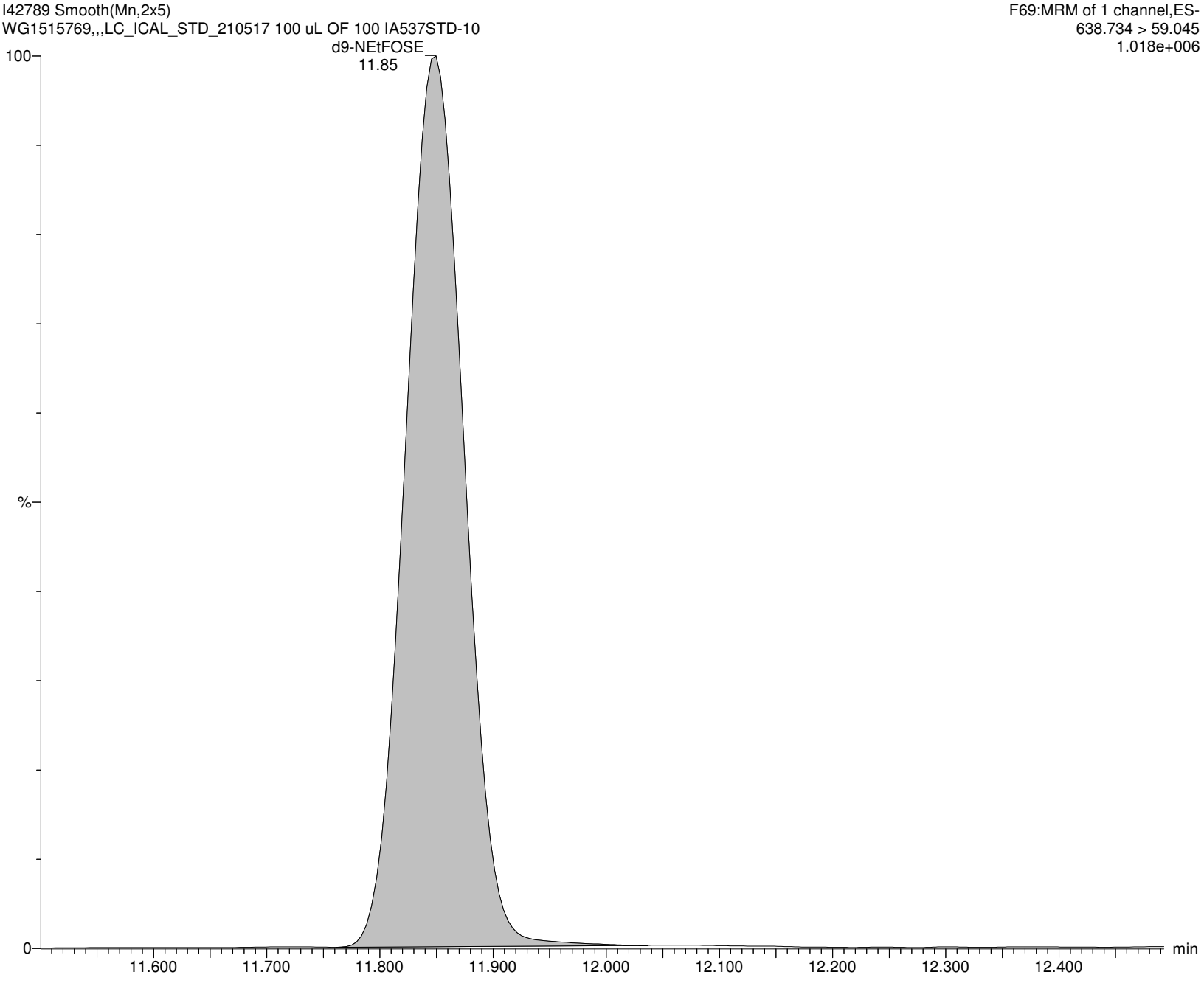


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d9-NEtFOSE

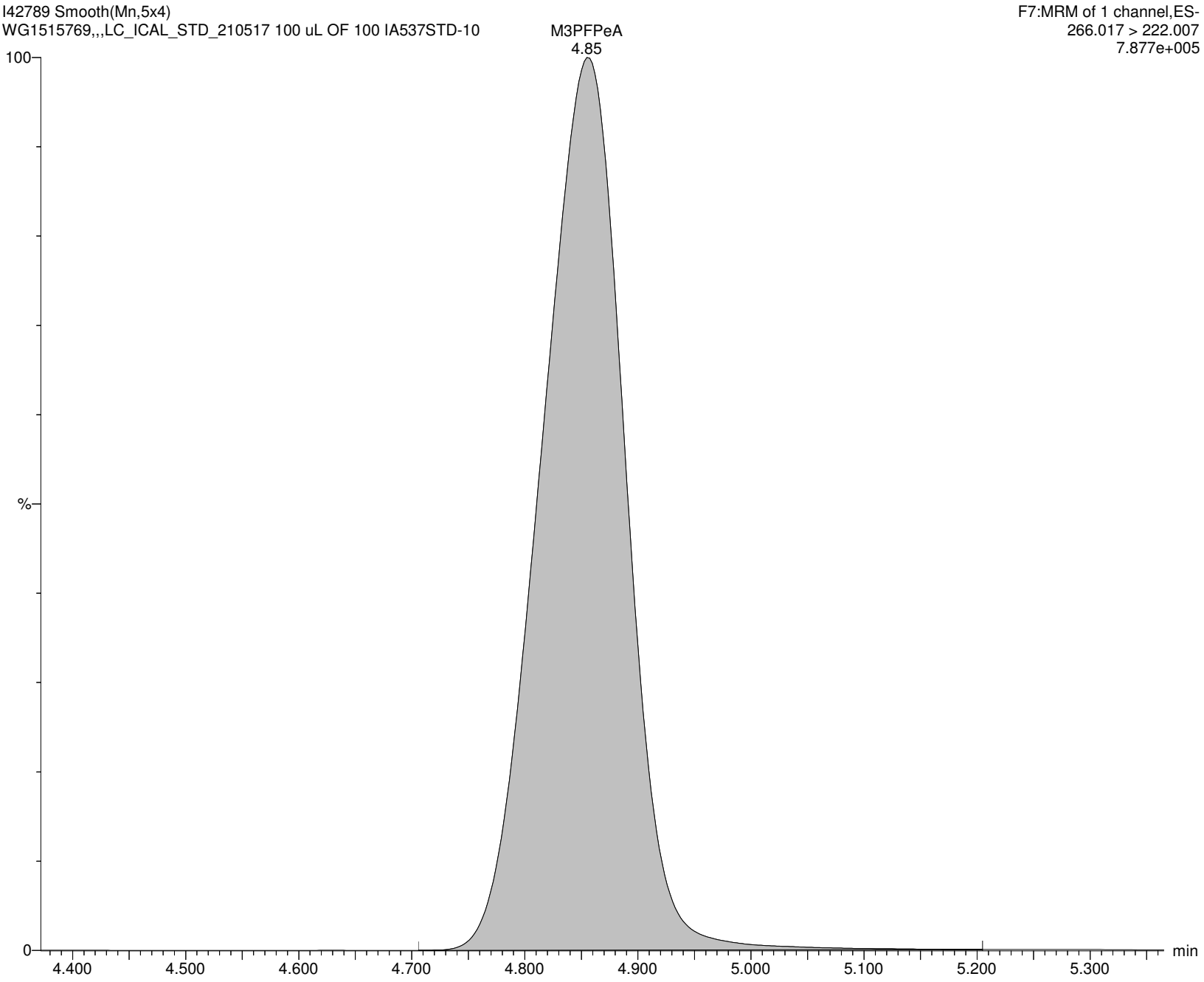


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFPeA

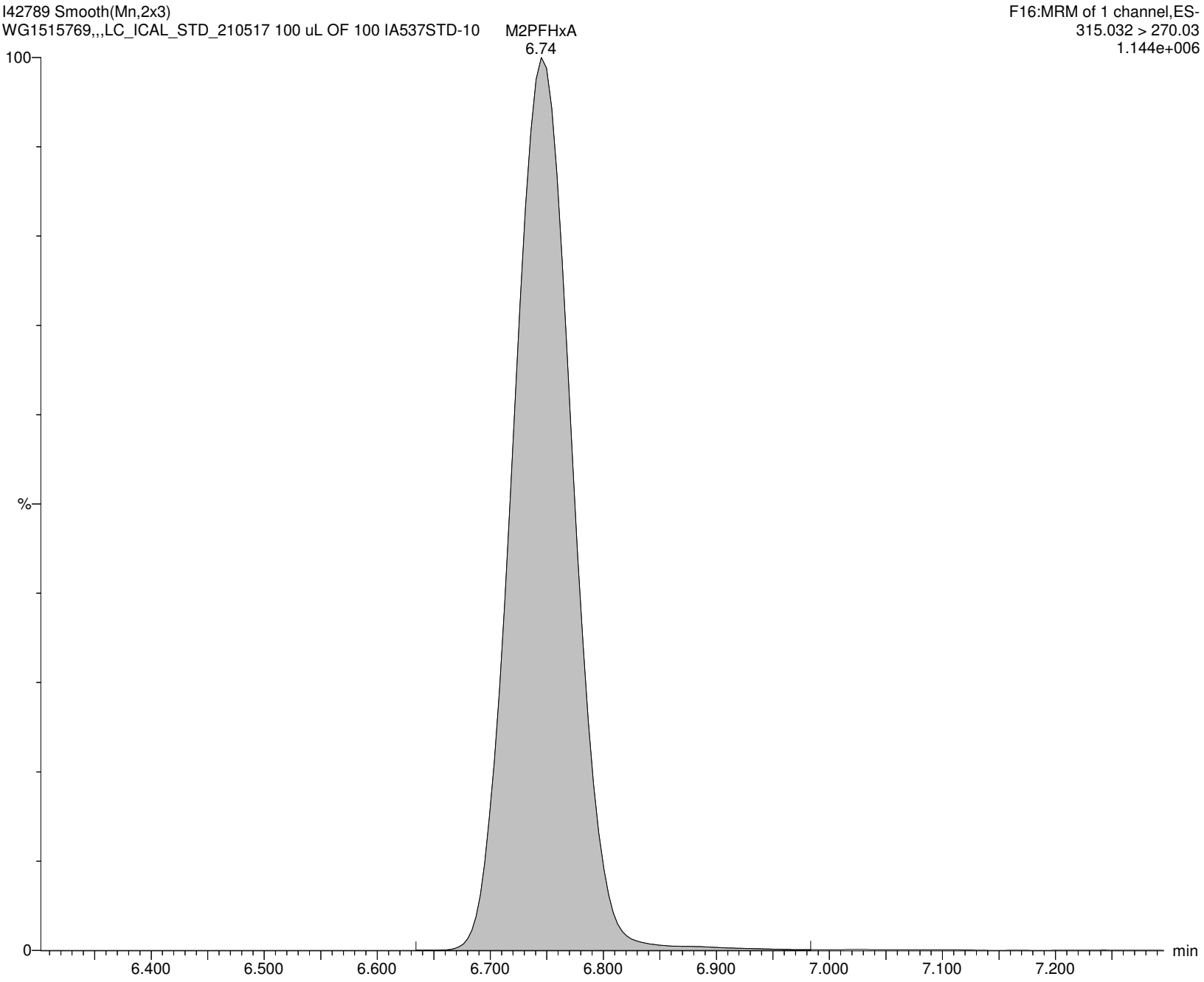


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFHxA

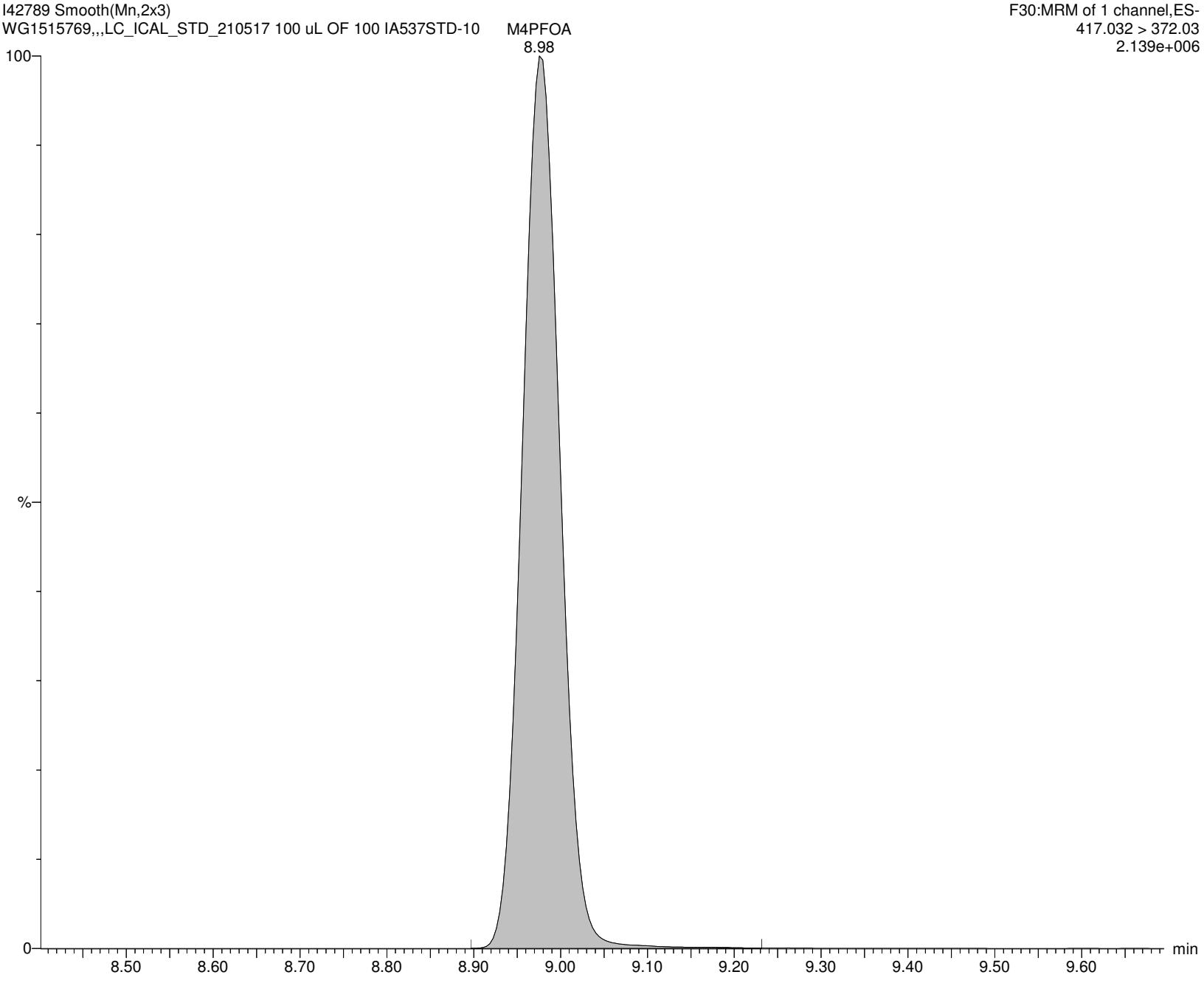


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOA

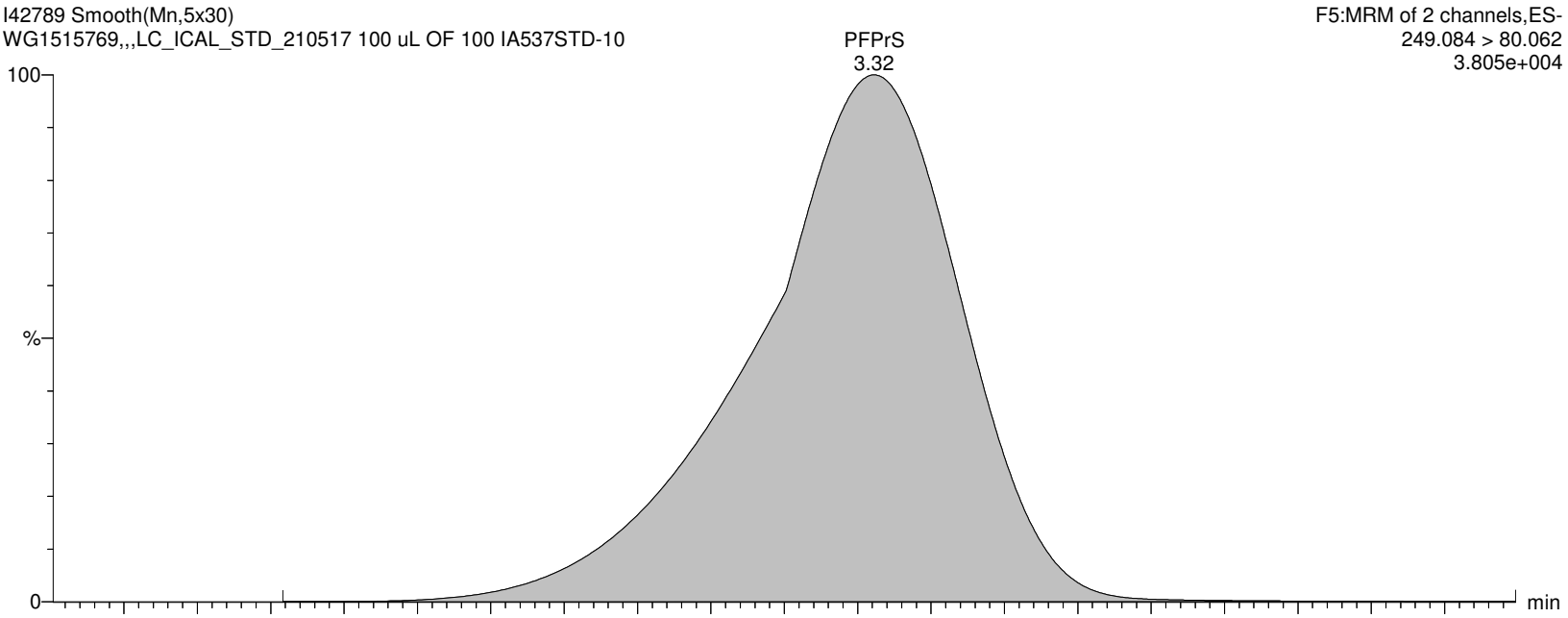


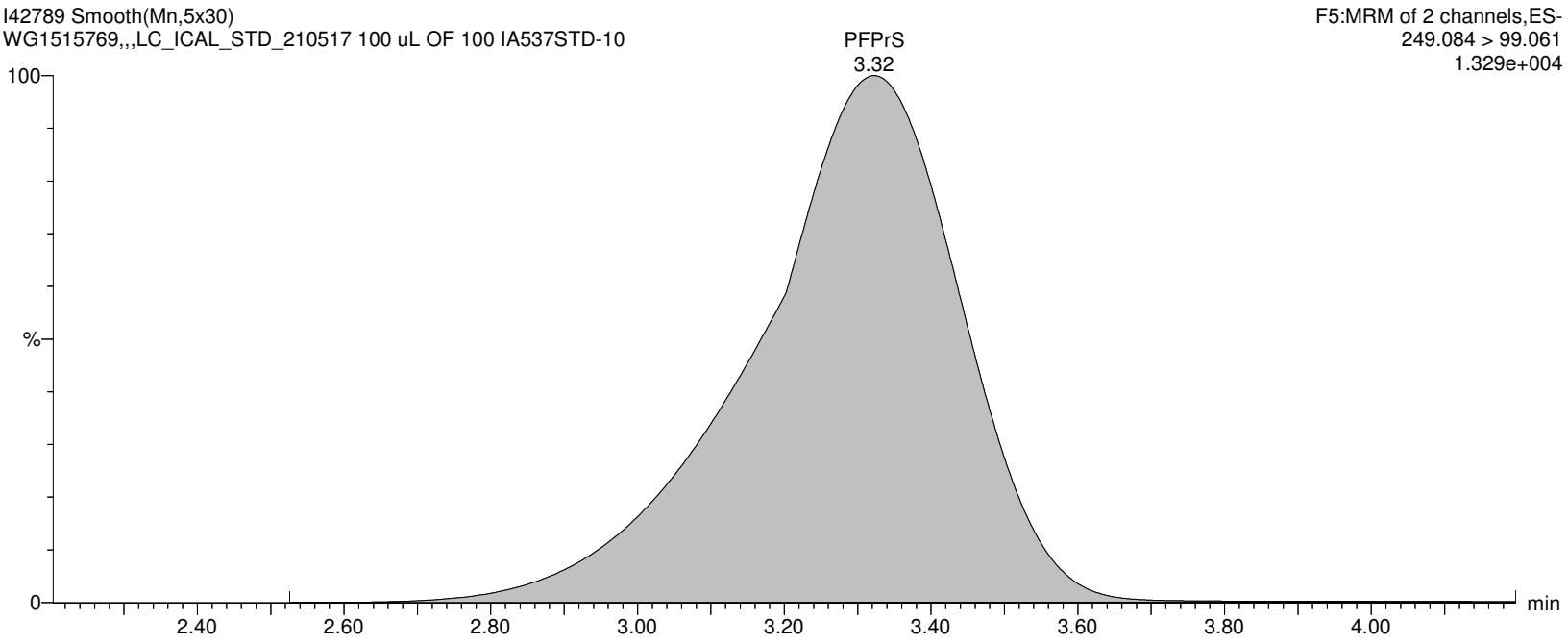
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPrS



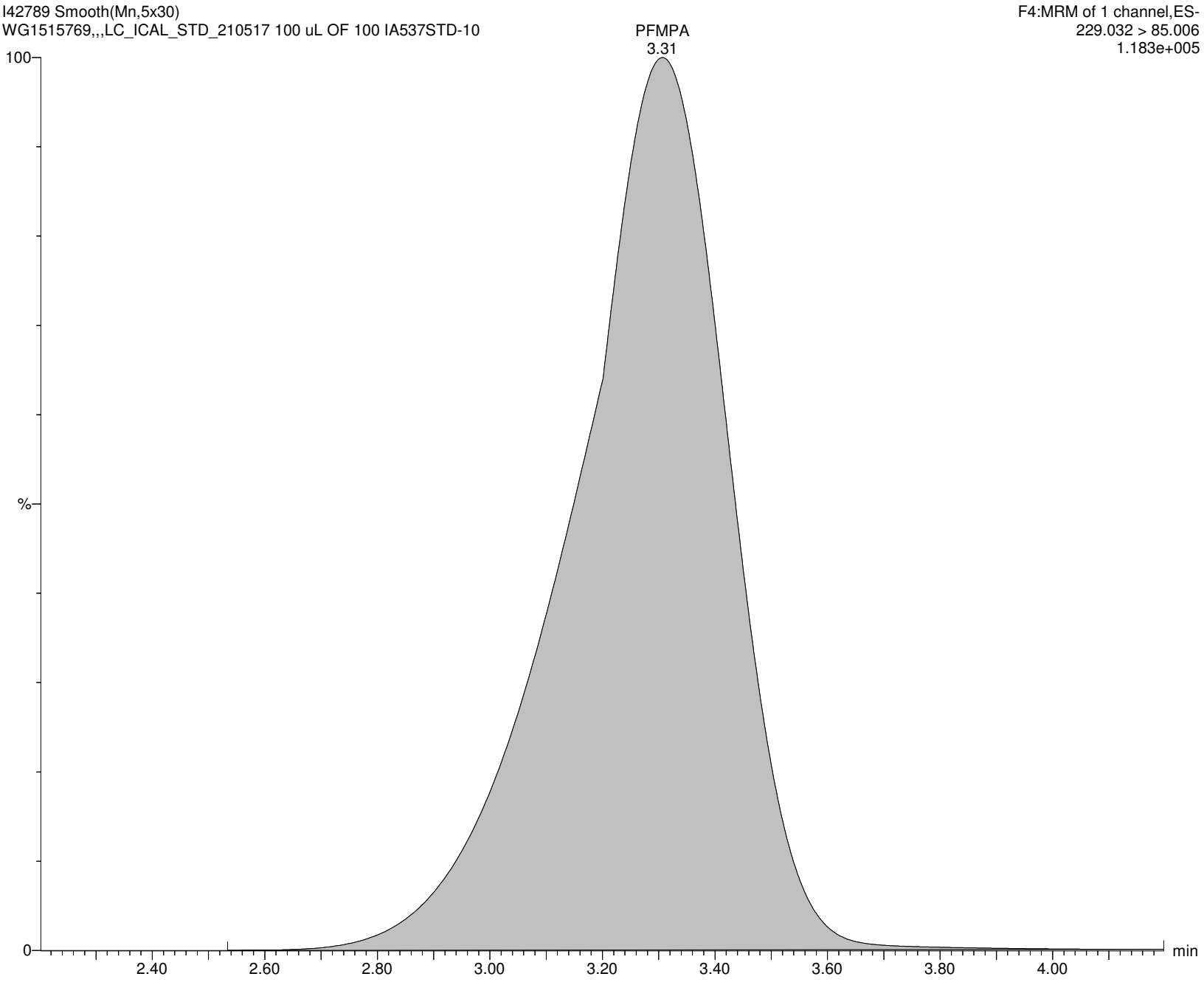


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFMPA

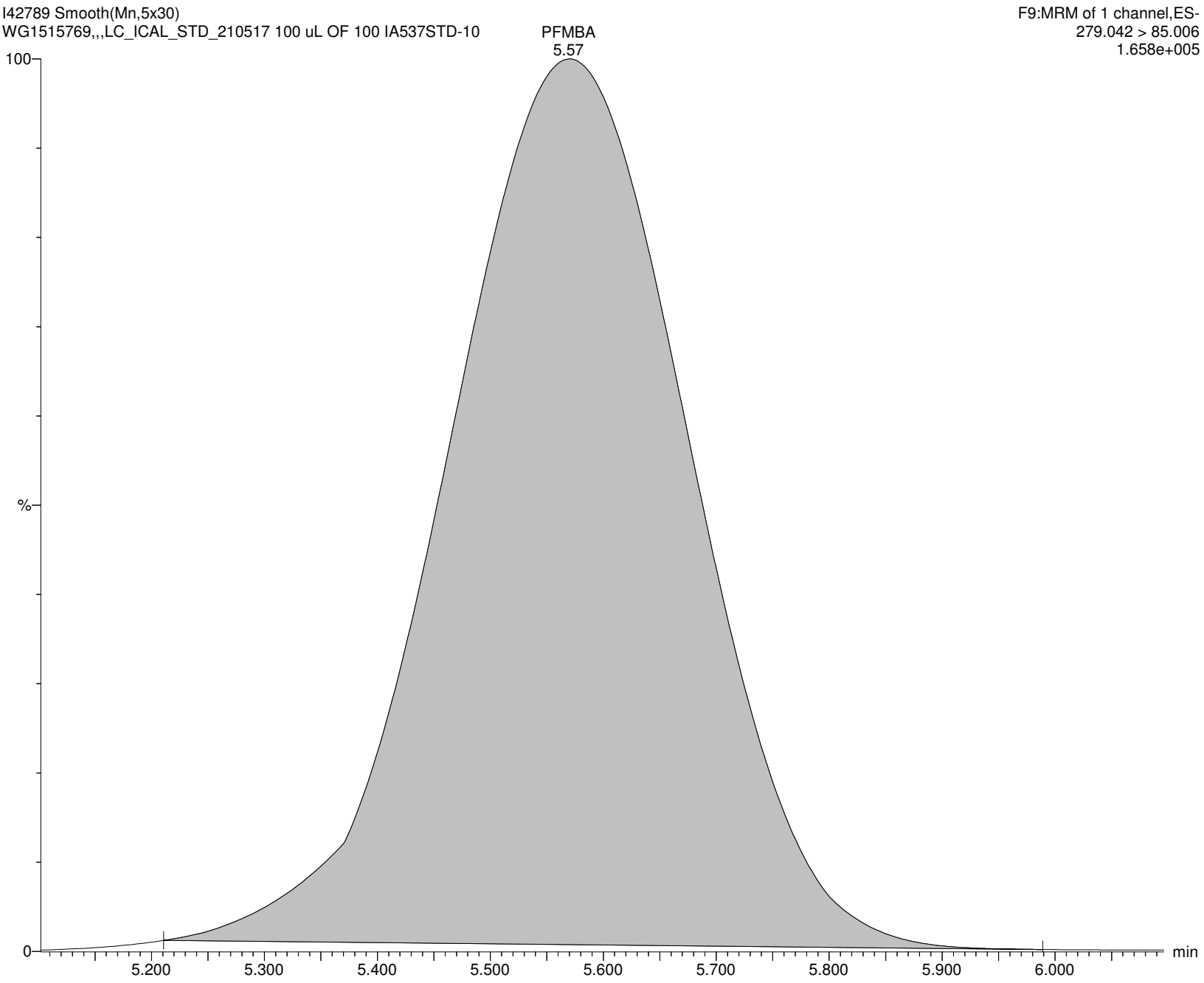


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFMBA

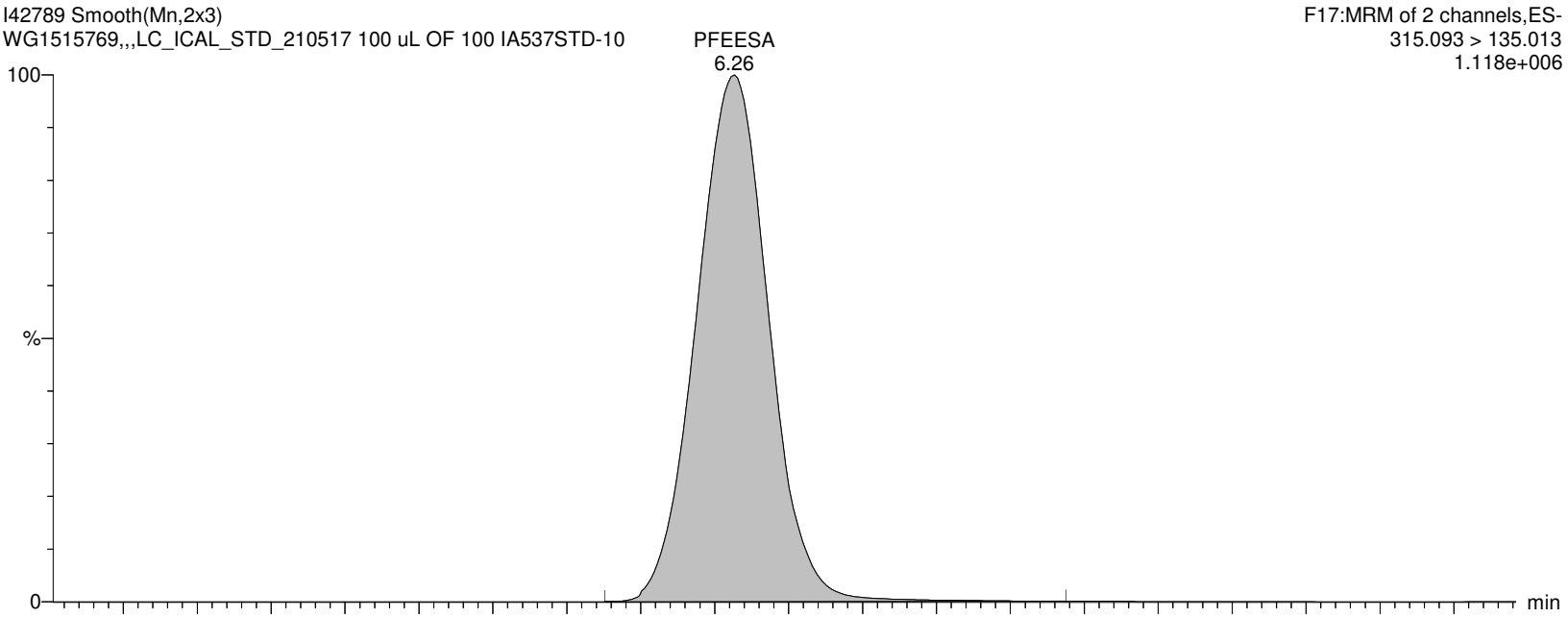


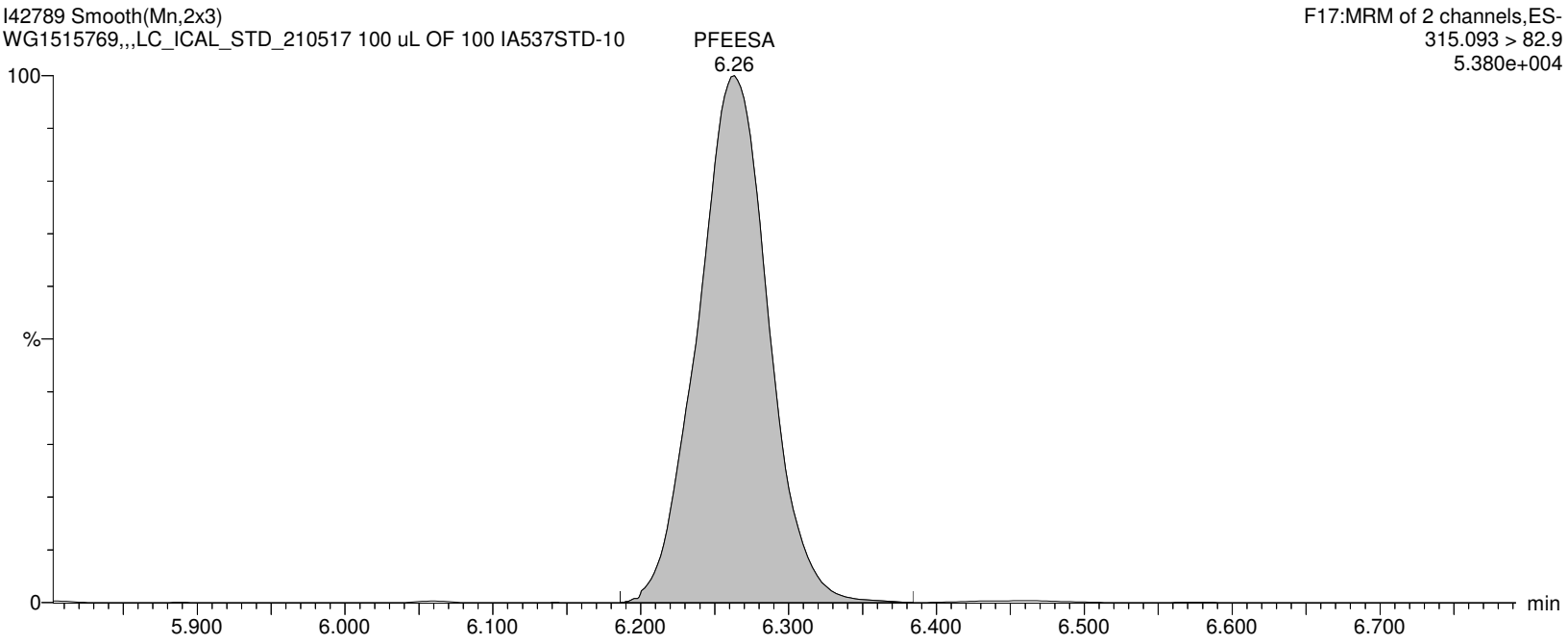
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFEESA



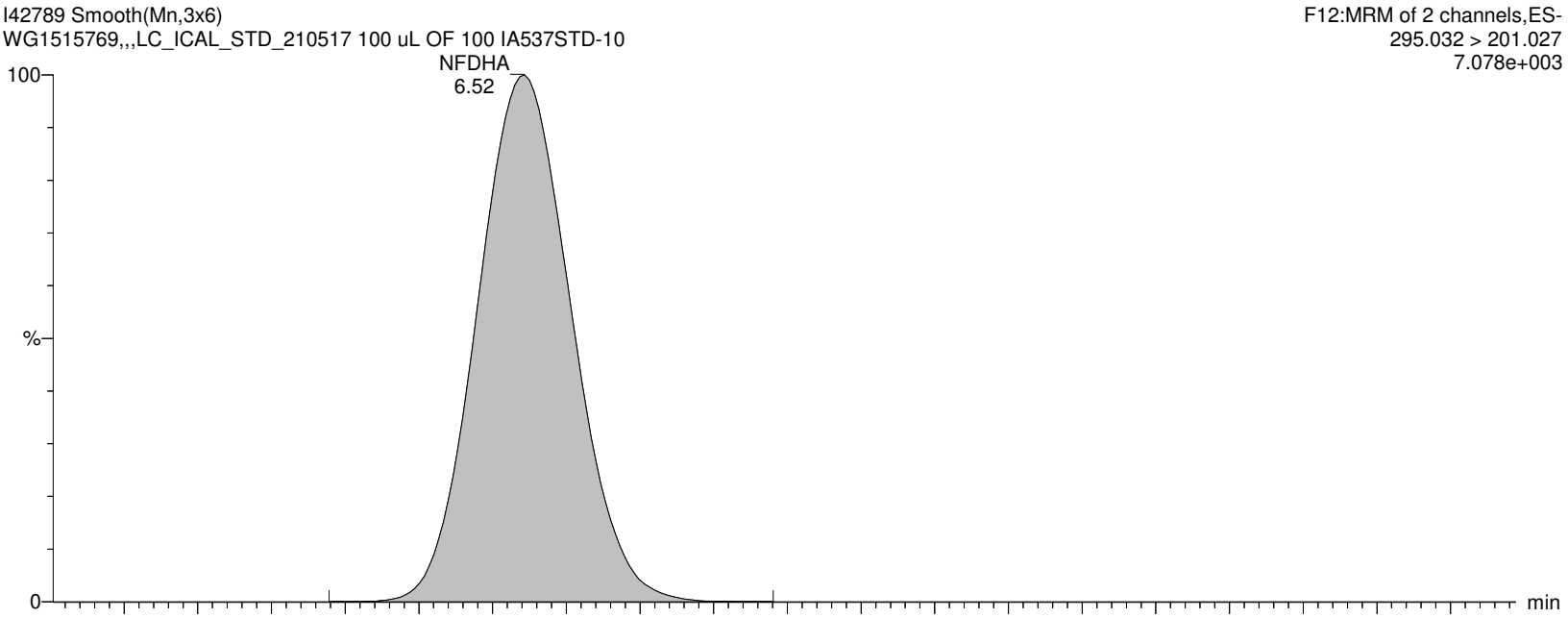


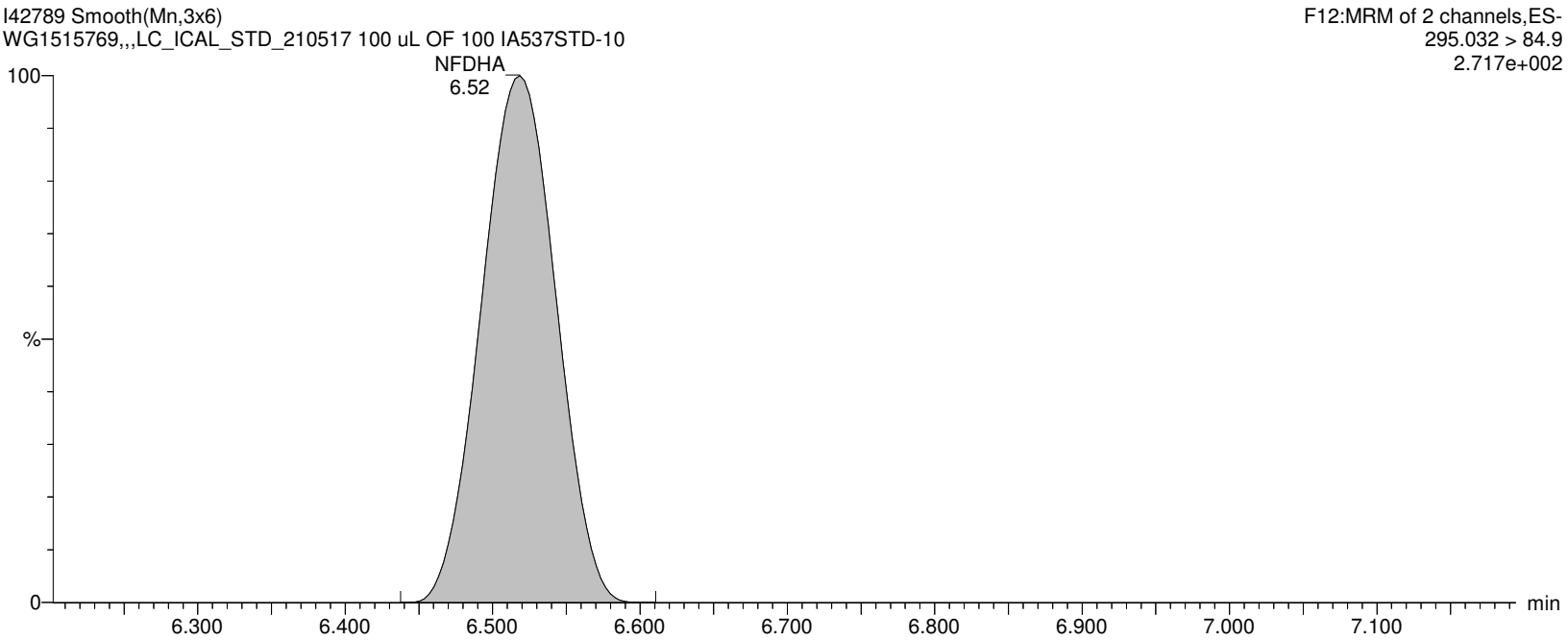
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NFDHA





all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\MethDB\537ISO_Q_210625_TOP_RT.mdb 22 Jun 2021 09:28:25
Calibration: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

ID: IA537STD-25
Name: I42790
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	1.97	213.032 > 169.022	114716		22.556		na	90.2
2	M3PFBA	INT STD	1.97	216.009 > 171.999	54559		10.392		na	103.9
3	MPFBA	INT STD	1.97	217.001 > 171.999	57146		9.741		na	97.4
4	PFPeA	2706-90-3	4.84	263.039 > 219.03	135278		22.885		na	91.5
5	M5PFPEA	INT STD	4.84	268.001 > 222.999	62823		9.759		na	97.6
6	PFBS	375-73-5	5.51	299.092 > 80.062	27700		20.017	1.93	NO	90.5
7	M3PFBS	INT STD	5.51	302.069 > 80.062	12737		9.469		na	94.7
8	4:2FTS	757124-72-4	6.66	327.146 > 307.139	10485		23.169	2.53	NO	99.1
9	M2-4:2FTS	INT STD	6.66	329.13 > 309.124	4982		9.242		na	92.4
10	PFHxA	307-24-4	6.74	313.047 > 269.037	157728		22.410	15.95	NO	89.6
11	M5PFHxA	INT STD	6.74	318.009 > 273.007	66334		9.834		na	98.3
12	PFPeS	2706-91-4	7.07	349.1 > 80.062	30664		22.935	2.27	NO	97.6
13	PFHpA	375-85-9	8.02	363.055 > 319.045	224895		22.516	5.63	NO	90.1
14	M4PFHpA	INT STD	8.02	367.025 > 322.022	98717		9.816		na	98.2
15	br-PFHxS	355-46-4	7.95	399.107 > 80.062	5587	M5,M7	4.193	2.24	NO	98.7
16	L-PFHxS	355-46-4	8.19	399.107 > 80.062	26533		16.329	1.63	NO	88.3
17	PFHxS	355-46-4		399.107 > 80.062	32120		20.522		na	
18	M3PFHxS	INT STD	8.19	402.084 > 80.062	14892		9.763		na	97.6
19	br-PFOA	335-67-1		413.063 > 369.053			ND		YES	
20	L-PFOA	335-67-1	8.96	413.063 > 369.053	244079		23.153	8.87	NO	92.6
21	PFOA	335-67-1		413.063 > 369.053	244079		23.153		na	
22	M8PFOA	INT STD	8.96	421.002 > 376.	109397		9.768		na	97.7
23	M2PFOA	INT STD	8.96	415.048 > 370.045	110313		10.416		na	104.2
24	6:2FTS	27619-97-2	8.92	427.161 > 407.155	10666		22.642	3.66	NO	95.3
25	M2-6:2FTS	INT STD	8.92	429.146 > 409.14	5135		9.280		na	92.8
26	PFHpS	375-92-8	9.06	449.115 > 80.062	20907		22.037	1.10	NO	92.8
27	PFNA	375-95-1	9.72	463.071 > 419.061	178886		22.392	3.89	NO	89.6
28	M9PFNA	INT STD	9.72	472.002 > 427.	31982		9.942		na	99.4
29	br-PFOS	1763-23-1	9.59	499.123 > 80.062	7355	M5,M7	4.863	4.07	NO	97.3
30	L-PFOS	1763-23-1	9.78	499.123 > 80.062	21186		17.863	1.77	NO	97.9
31	PFOS	1763-23-1		499.123 > 80.062	28541		22.726		na	
32	M4PFOS	INT STD	9.78	503.093 > 80.062	12192		10.772		na	107.7
33	M8PFOS	INT STD	9.78	507.062 > 80.062	13242		9.693		na	96.9
34	PFDA	335-76-2	10.34	513.078 > 469.069	151684		21.404	5.41	NO	85.6
35	M2PFDA	INT STD	10.34	515.053 > 469.934	63236		10.366		na	103.7
36	M6PFDA	INT STD	10.34	519.033 > 474.03	71216		9.922		na	99.2
37	8:2FTS	39108-34-4	10.33	527.177 > 507.171	5239		23.447	4.37	NO	97.7
38	M2-8:2FTS	INT STD	10.33	529.162 > 509.155	3753		9.226		na	92.3
39	PFNS	68259-12-1	10.37	549.131 > 80.062	23136		22.616	1.48	NO	94.2

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

ID: IA537STD-25
Name: I42790
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.75	573.22 > 419.061	6145		9.084		na	90.8
41	br-NMeFOSAA		10.61	570.202 > 419.061	1376	M5,M7	5.671	1.16	NO	94.5
42	L-NMeFOSAA		10.76	570.202 > 419.061	13008		19.429	2.50	NO	102.3
43	NMeFOSAA	2355-31-9		570.202 > 419.061	14384		25.101		na	
44	PFUnA	2058-94-8	10.88	563.086 > 519.076	147101		21.793	9.70	NO	87.2
45	M7-PFUDA	INT STD	10.88	570.033 > 525.031	66917		9.997		na	100.0
46	PFDS	335-77-3	10.90	599.139 > 80.062	25997		23.650	1.74	NO	98.0
47	FOSA	754-91-6	10.95	498.146 > 78.07	74130		22.059	115.61	NO	88.2
48	M8FOSA	INT STD	10.94	506.077 > 78.07	39253		10.101		na	101.0
49	br-NEtFOSAA		10.91	584.229 > 419.061	979	M5,M7	5.399	0.60	NO	96.0
50	L-NEtFOSAA		11.06	584.229 > 419.061	9140		17.119	1.18	NO	88.4
51	NEtFOSAA	2991-50-6		584.229 > 419.061	10120		22.518		na	
52	d5-NEtFOSAA	INT STD	11.05	589.259 > 419.061	5412		9.681		na	96.8
53	PFDoA	307-55-1	11.34	613.094 > 569.084	148059		22.287	18.26	NO	89.1
54	MPFDOA	INT STD	11.35	615.079 > 570.077	63264		9.796		na	98.0
55	PFTrDA	72629-94-8	11.75	663.102 > 619.092	124111		25.841	11.33	NO	103.4
56	PFTA	376-06-7	12.11	713.11 > 669.1	85186		21.712	8.88	NO	86.8
57	M2PFTEDA	INT STD	12.11	715.094 > 670.092	20152		9.949		na	99.5
58	M3HFPO-DA	INT STD	7.17	287.02 > 169.022	6124		196.210		na	98.1
59	HFPO-DA	13252-13-6	7.18	285.035 > 169.022	6837		229.948	3.05	NO	92.0
60	ADONA	958445-44-8	8.20	377.06 > 251.028	195045		22.451	40.57	NO	94.9
61	PFHxDA		12.63	813.122 > 769.116	43163		22.454	22.01	NO	89.8
62	PFODA		12.86	913.411 > 869.131	5430	M4	23.072	23.90	NO	92.3
63	M2PFHxDA		12.63	815.102 > 770.108	29075		9.800		na	98.0
64	PFDoS		11.75	699.154 > 80.062	16264		22.652	2.26	NO	90.6
65	M2D4-10:2FTS		11.35	633.201 > 612.189	3802	M4	17.651		na	89.3
66	10:2FTS		11.36	627.192 > 607.186	5018	M2,M7	22.467	2.02	NO	93.2
67	9CL-PF3ONS		10.13	530.862 > 350.843	109916		20.621	2.61	NO	88.5
68	11CL-PFOUdS		11.15	630.862 > 450.854	103975		21.067	3.08	NO	89.5
69	NMeFOSA		11.57	512.163 > 169.022	74670		117.412	1.61	NO	93.9
70	d3-NMeFOSA		11.56	515.183 > 169.022	78537		98.646		na	98.6
71	NEtFOSA		11.87	526.192 > 169.022	82276		117.053	4.83	NO	93.6
72	d5-NEtFOSA		11.86	531.222 > 169.022	88626		100.276		na	100.3
73	NMeFOSE		11.57	615.8 > 59.045	90417		63.397		na	101.4
74	d7-NMeFOSE		11.55	622.84 > 59.045	65945		101.004		na	101.0
75	NEtFOSE		11.86	629.862 > 59.045	105281		61.941		na	99.1
76	d9-NEtFOSE		11.84	638.734 > 59.045	65592		99.490		na	99.5
77	M3PFPeA		4.85	266.017 > 222.007	68747		10.143		na	101.4
78	M2PFHxA		6.74	315.032 > 270.03	70537		10.222		na	102.2
79	M4PFOA		8.96	417.032 > 372.03	106945		10.057		na	100.6
80	PFPrS	423-41-6	3.32	249.084 > 80.062	28557		22.312	2.89	NO	97.4
81	PFMPA		3.30	229.032 > 85.006	87505		23.766		na	95.1
82	PFMBA		5.56	279.042 > 85.006	96113		23.667		na	94.7

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

ID: IA537STD-25
Name: I42790
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
83	PFEESA		6.25	315.093 > 135.013	152006		21.895	21.05	NO	98.4
84	NFDHA		6.51	295.032 > 201.027	1091		22.689	45.64	NO	90.8

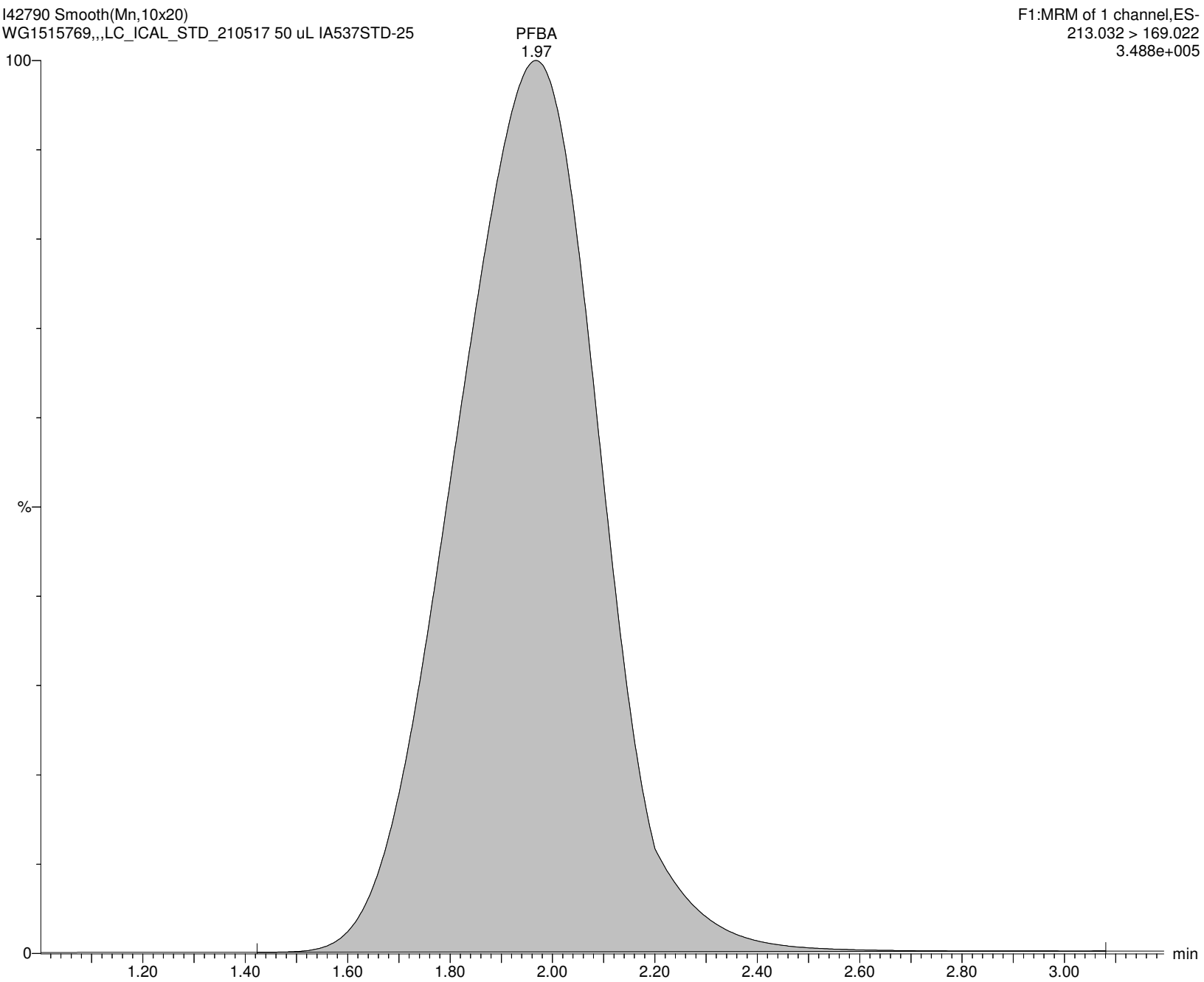
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\MethDB\537ISO_Q_210625_TOP_RT.mdb 22 Jun 2021 09:28:25
Calibration: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBA

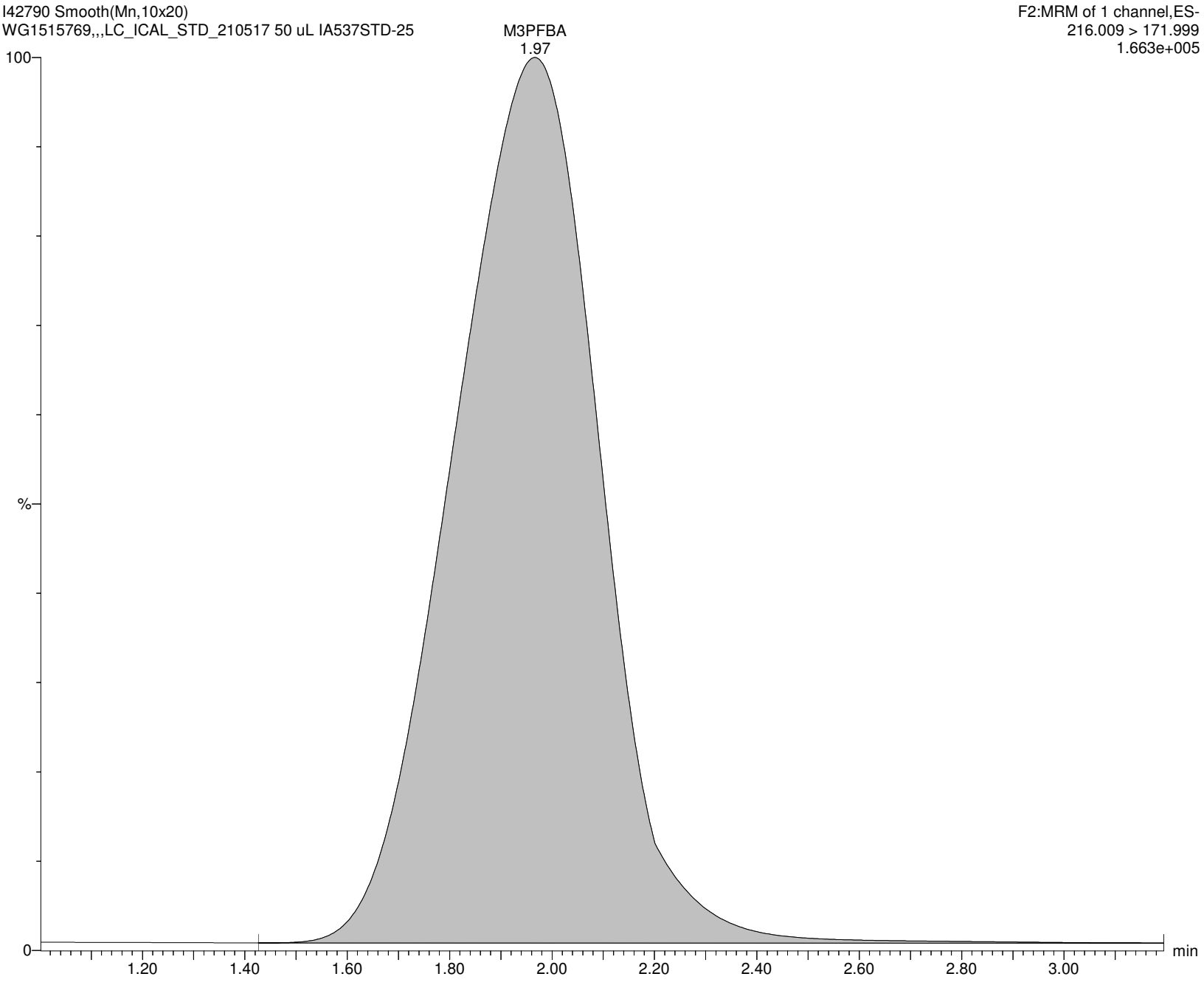


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBA

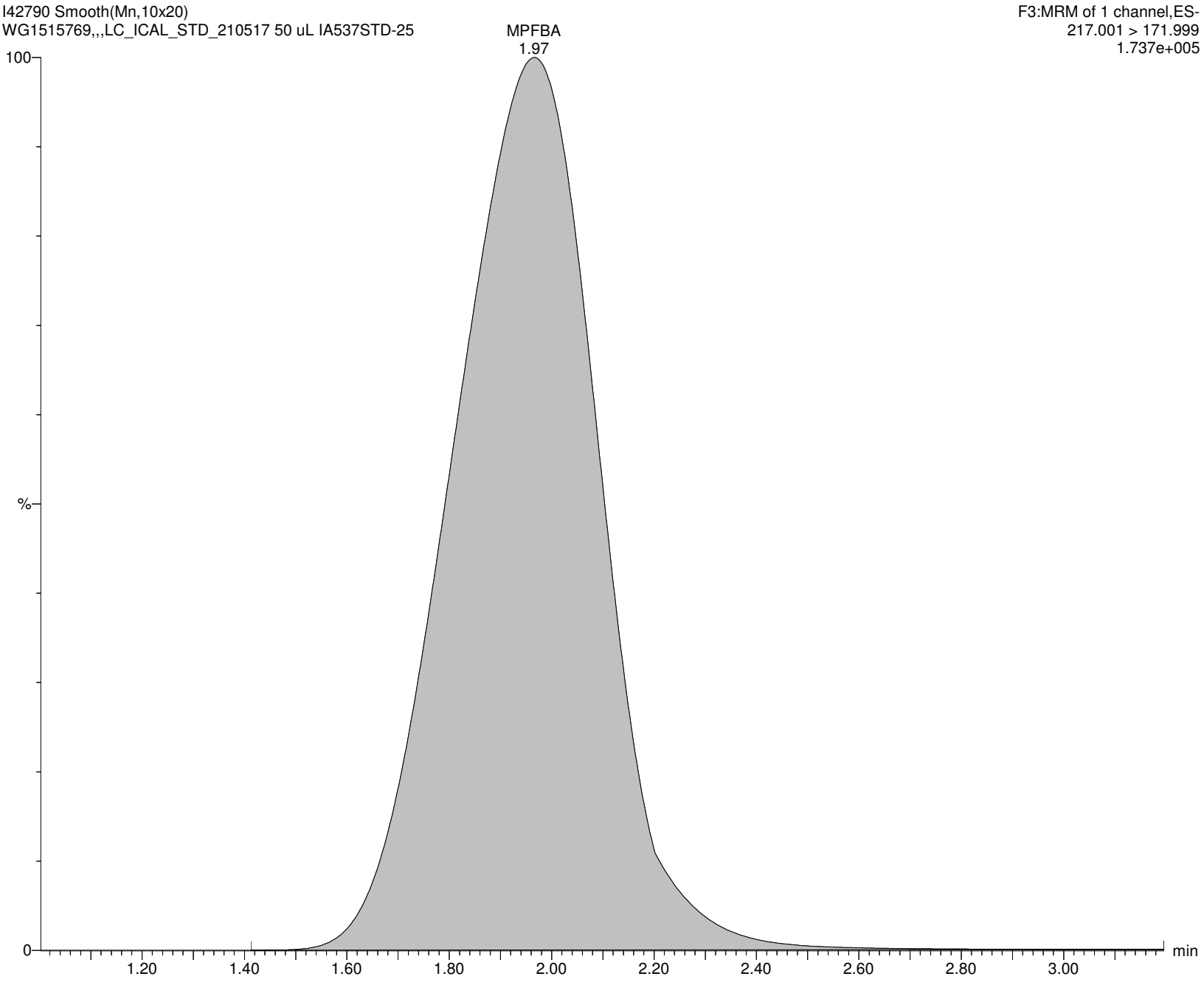


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFBA

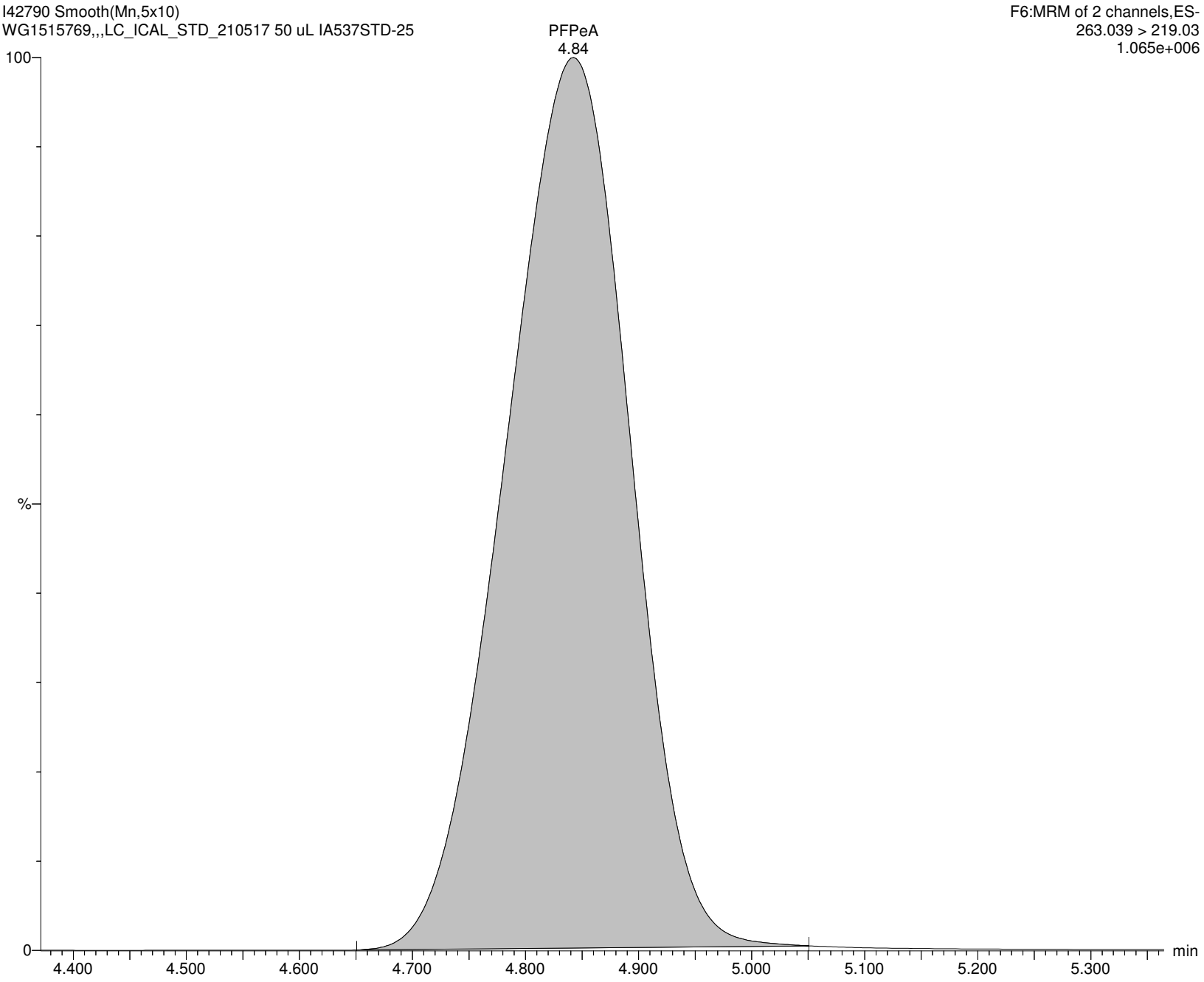


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeA

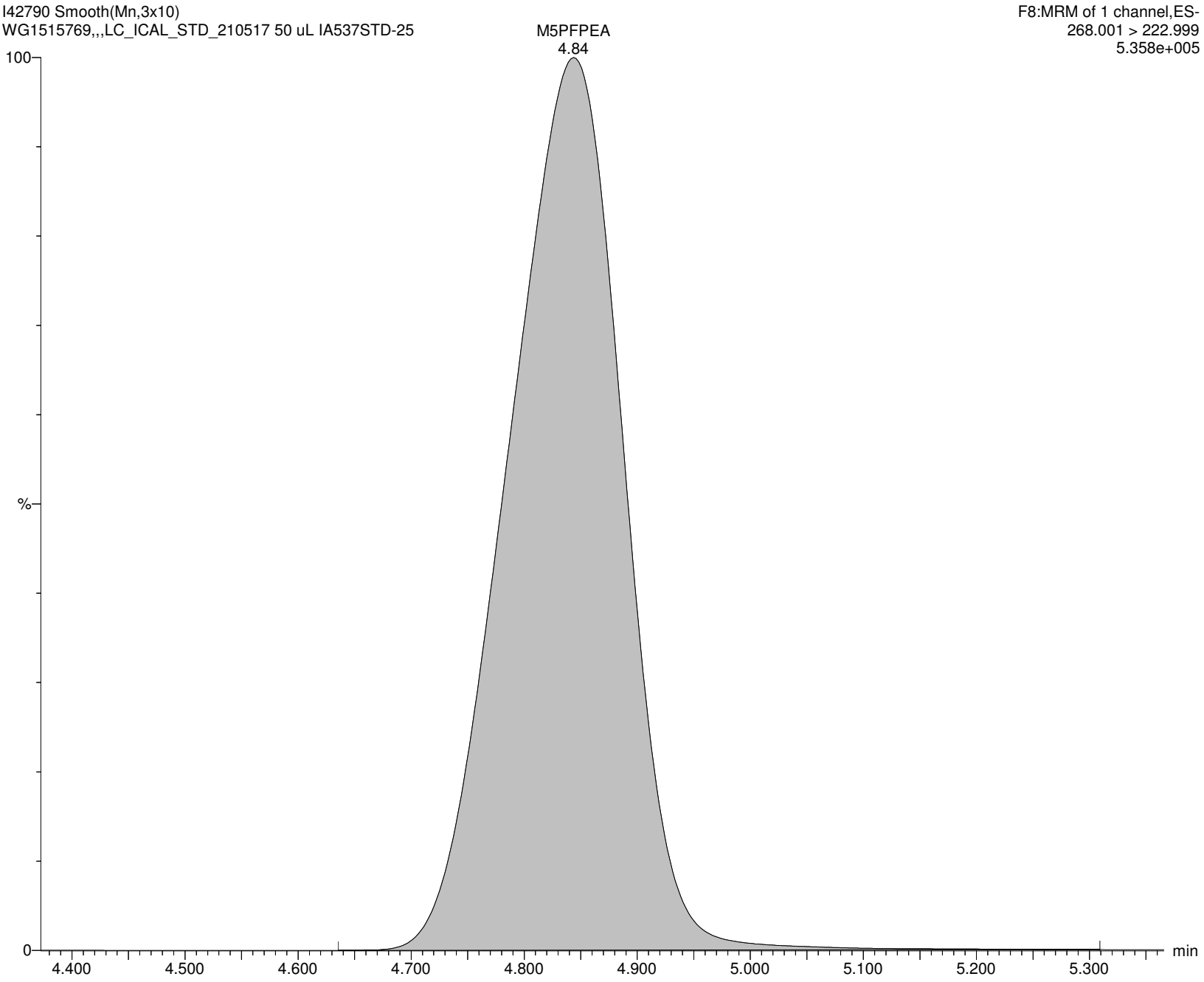


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFPEA

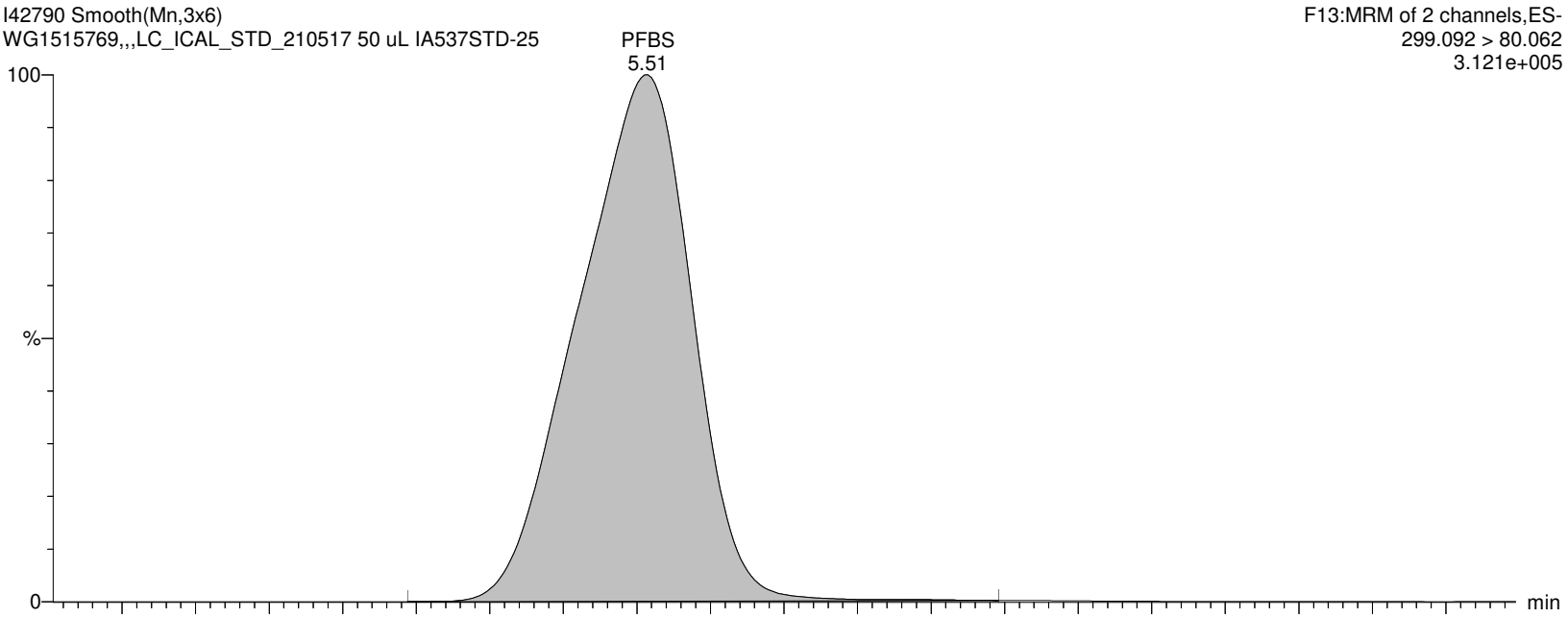


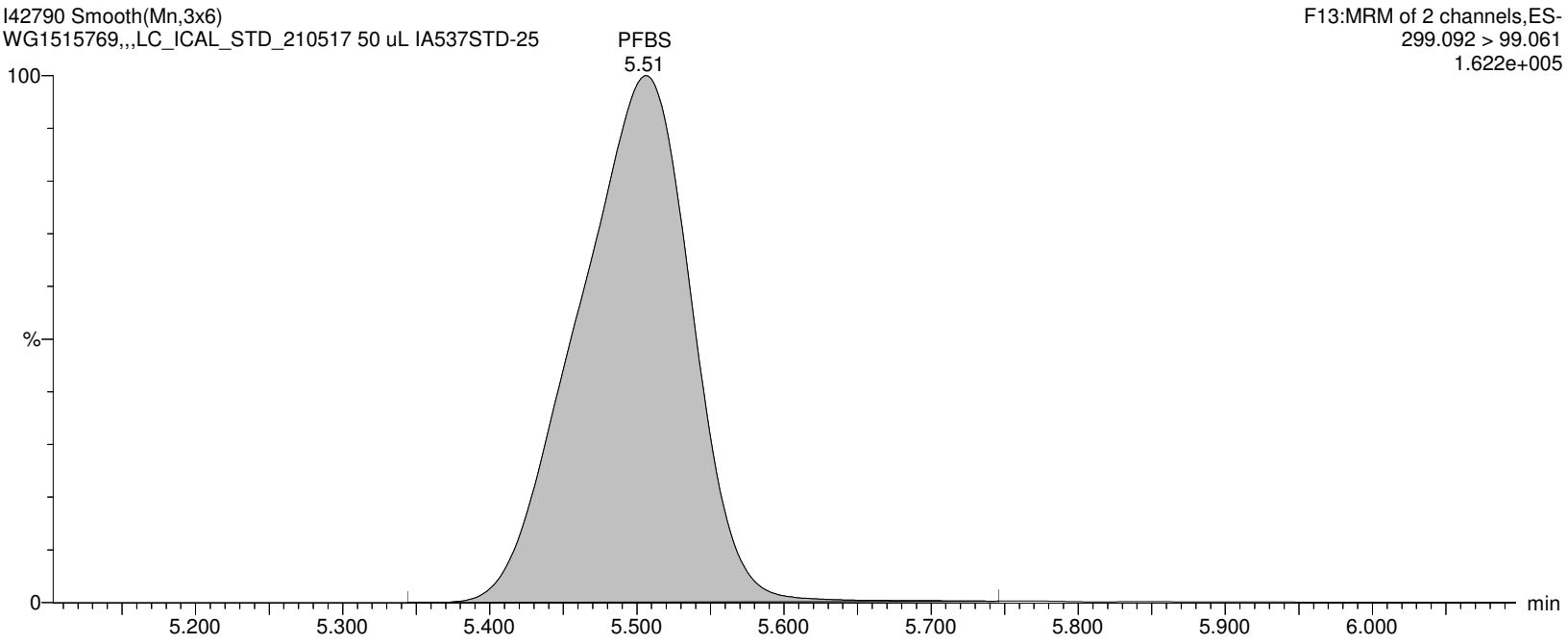
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBS



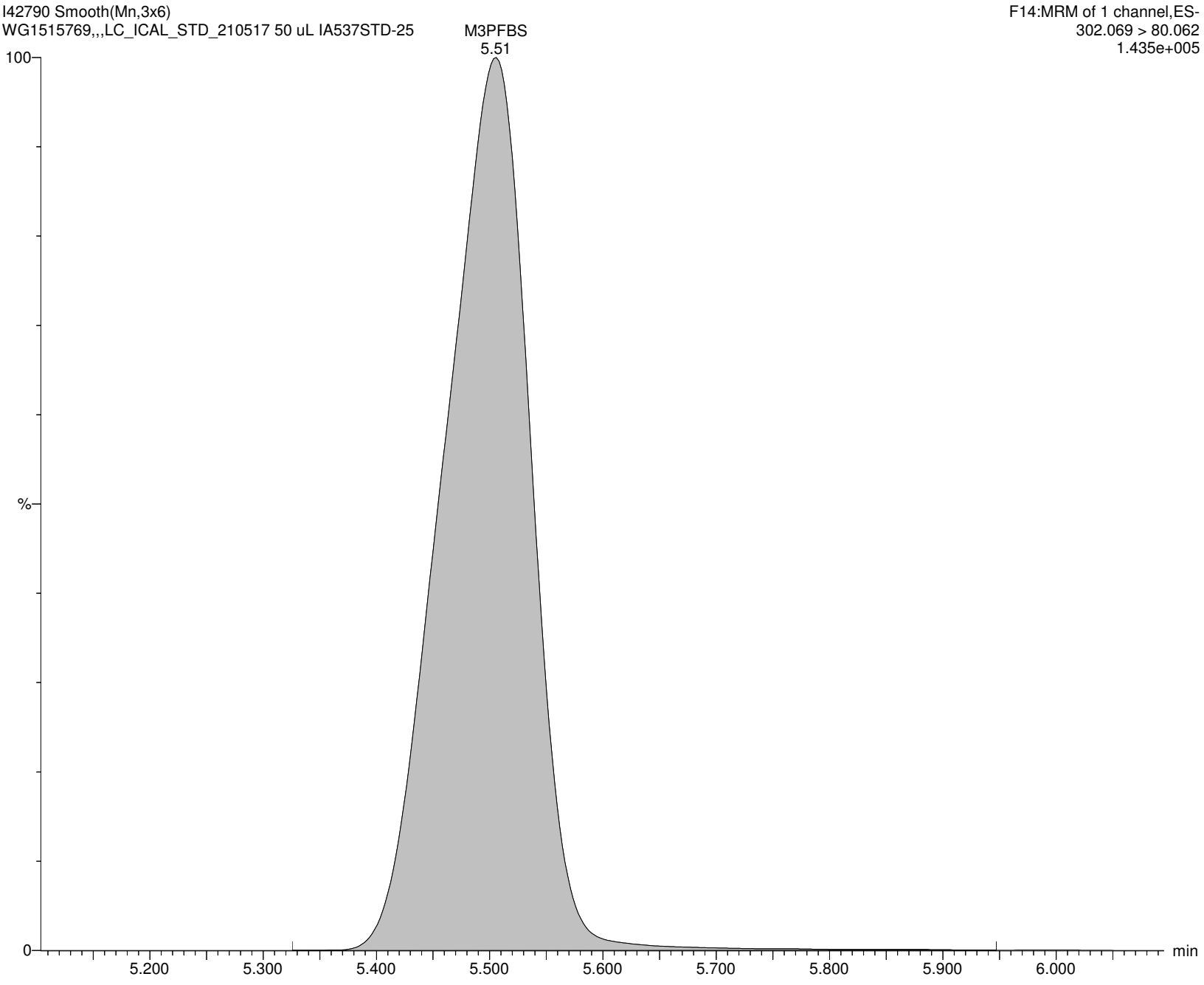


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBS

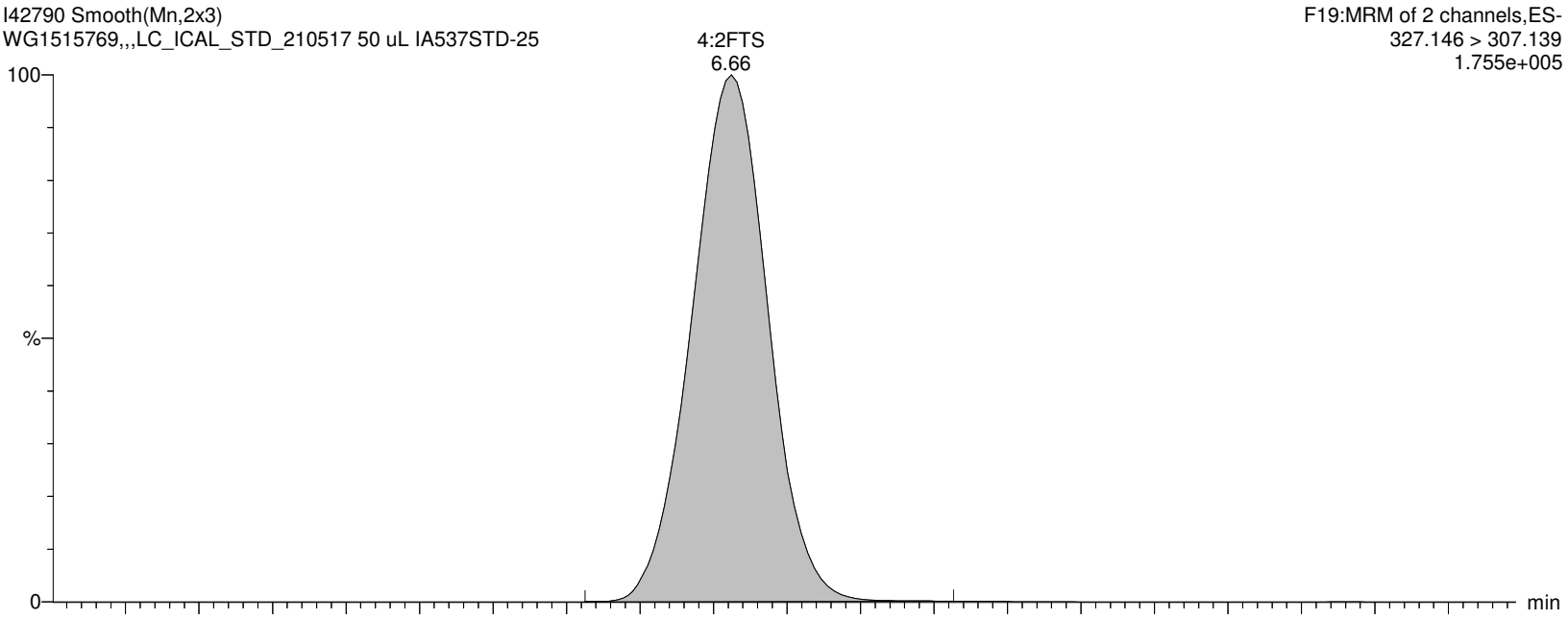


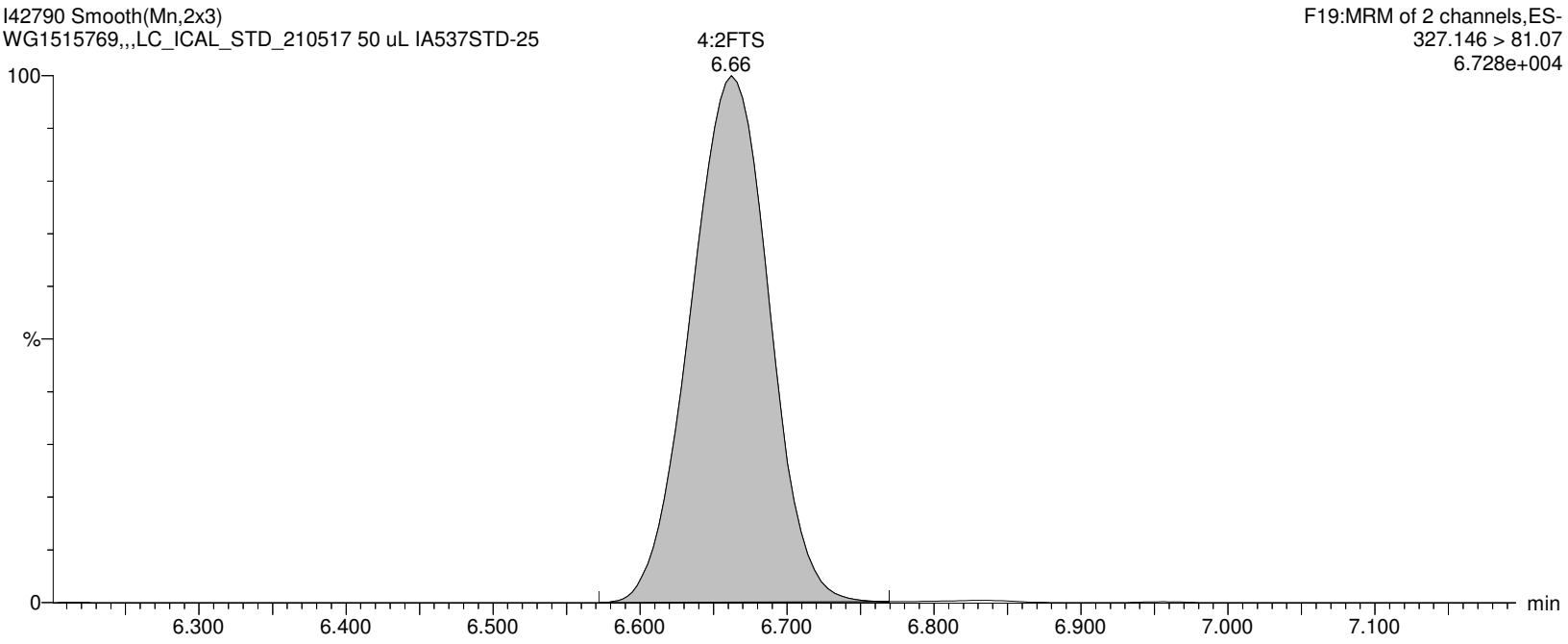
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

4:2FTS



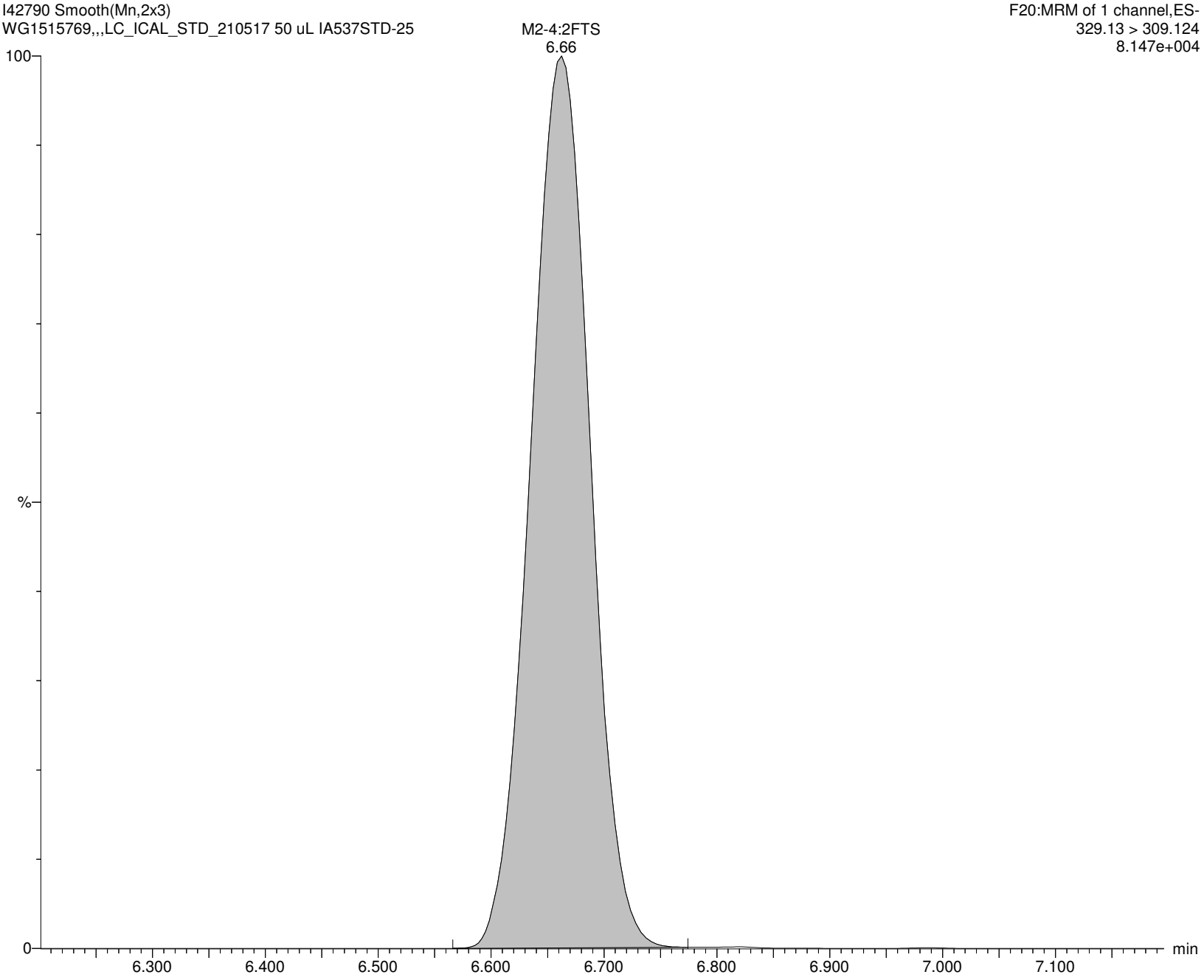


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-4:2FTS

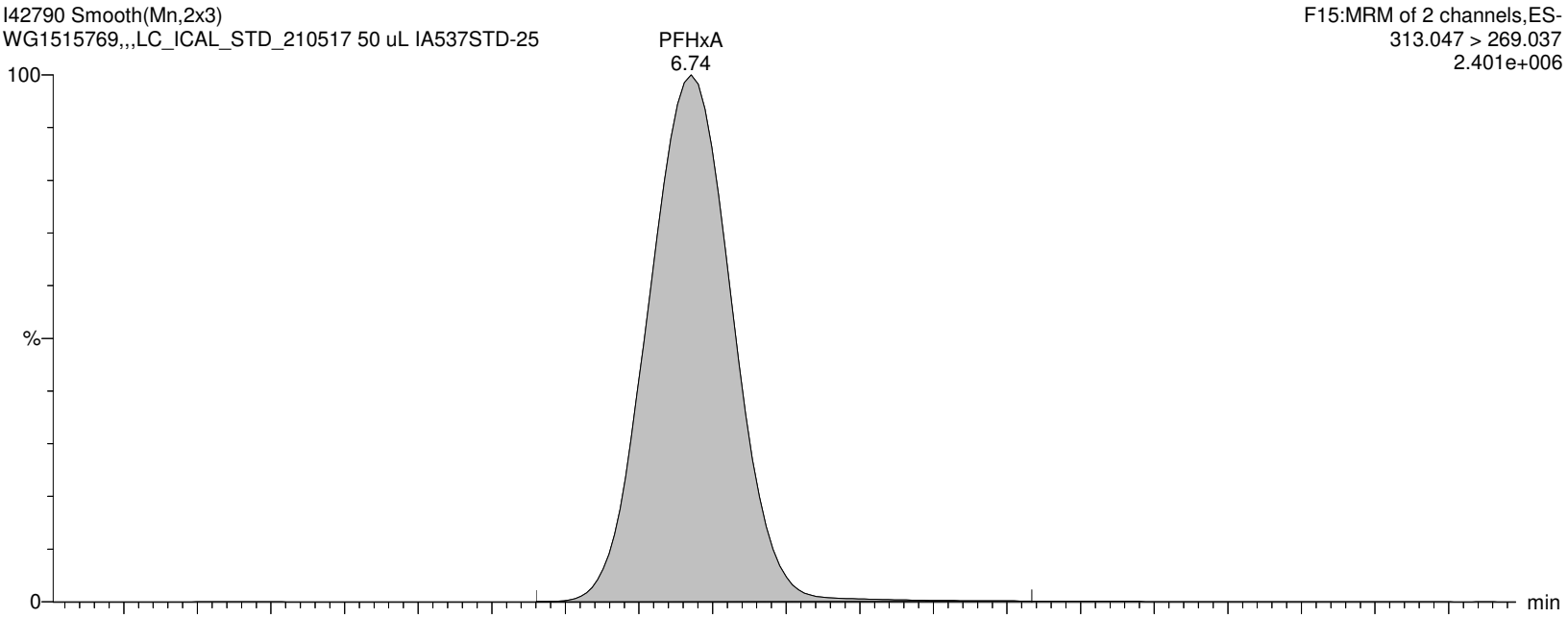


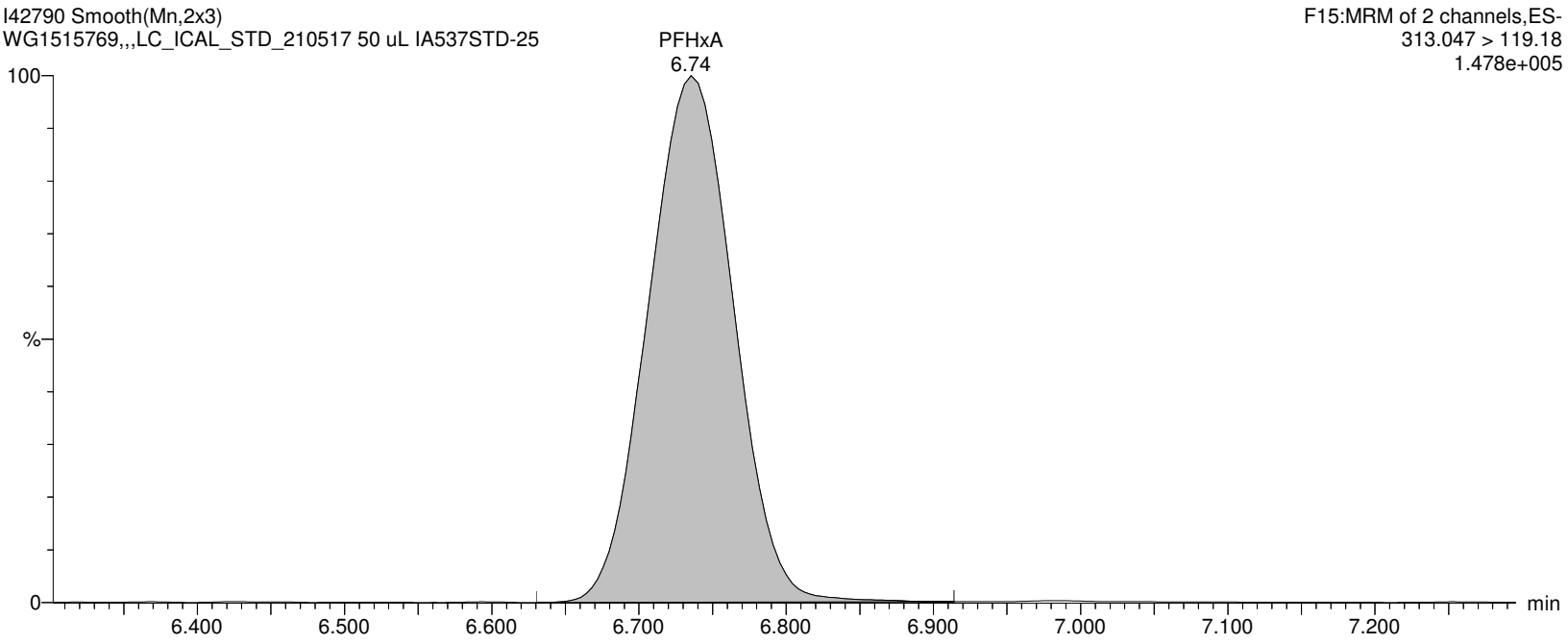
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxA



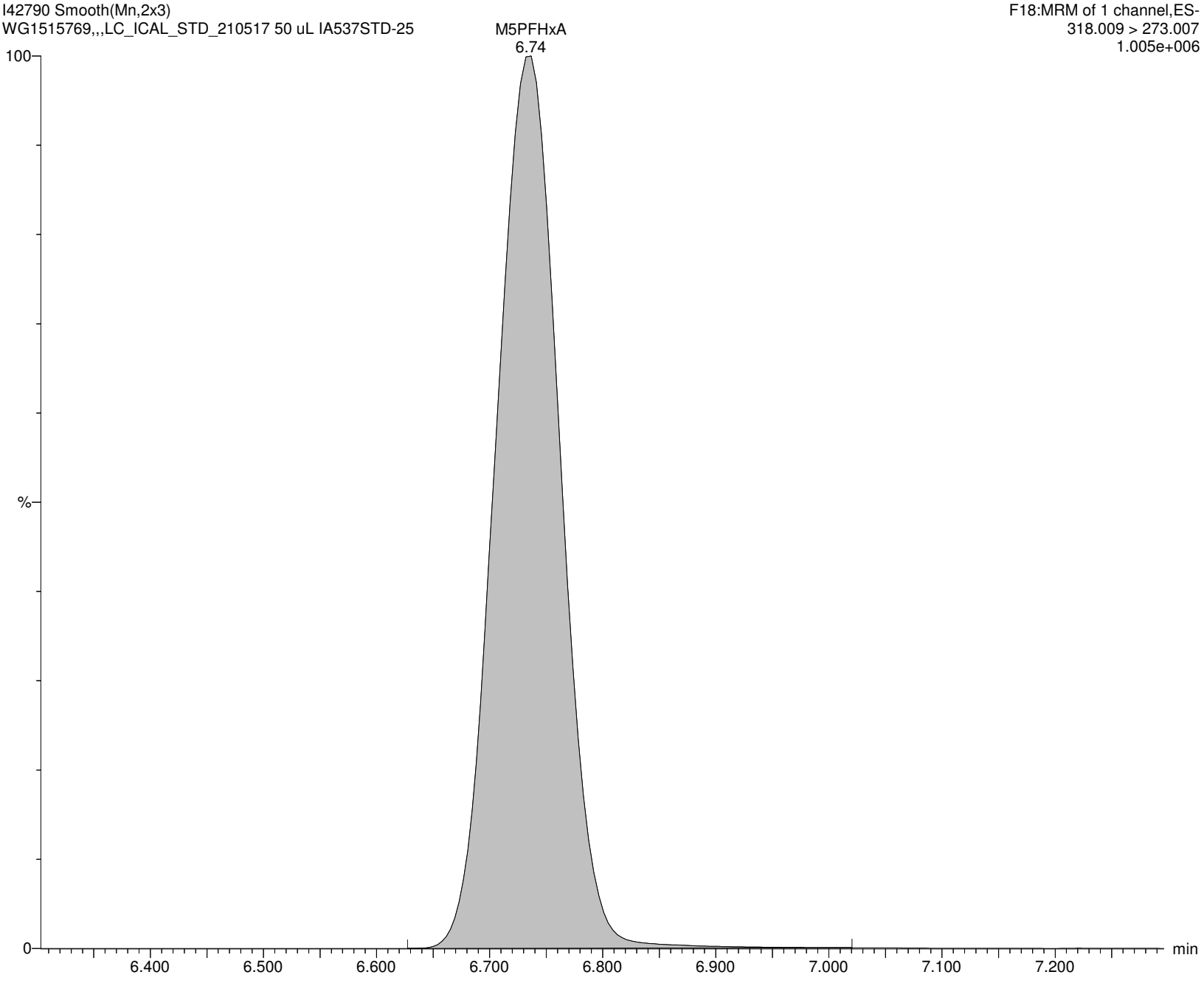


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFHxA

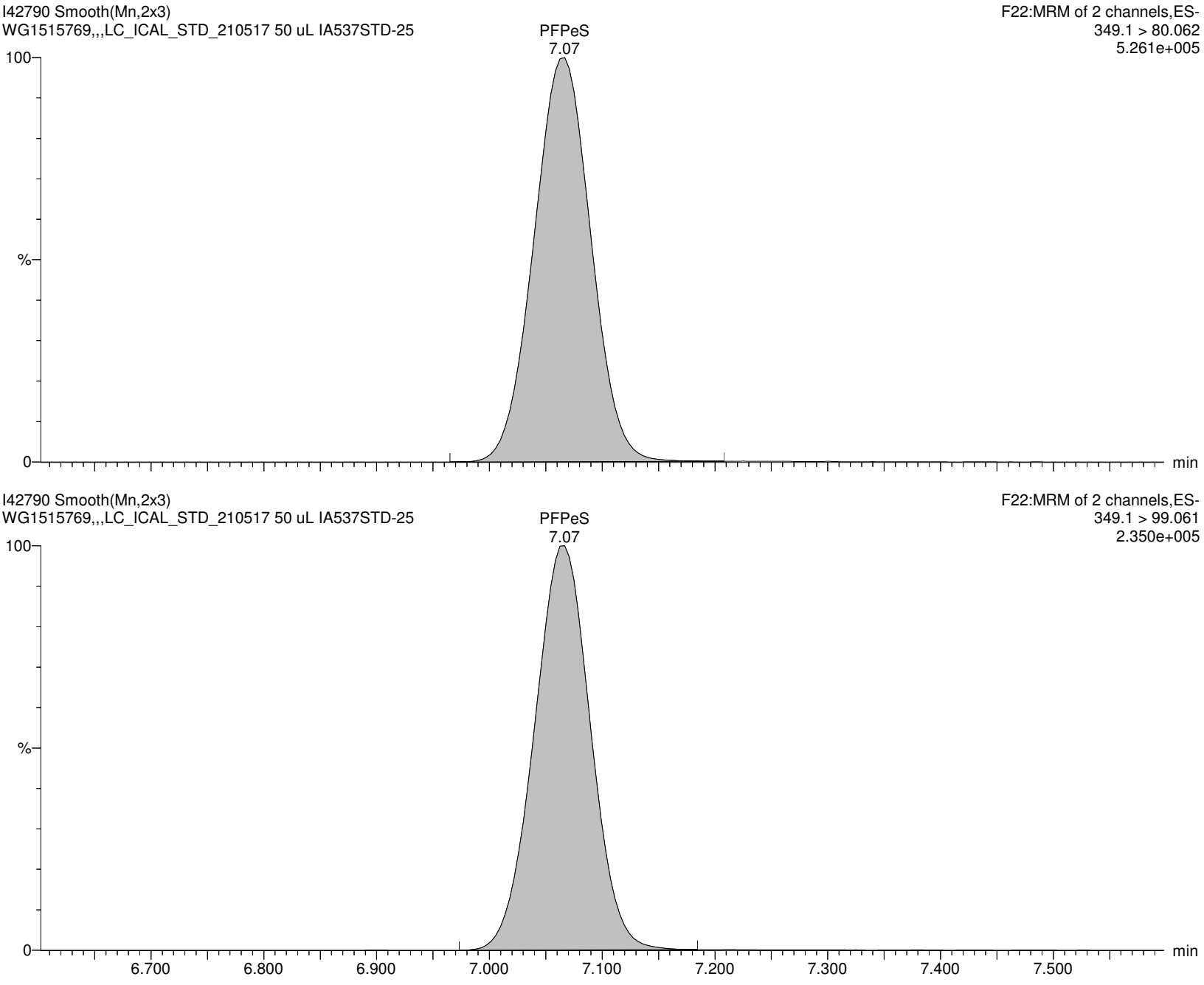


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeS

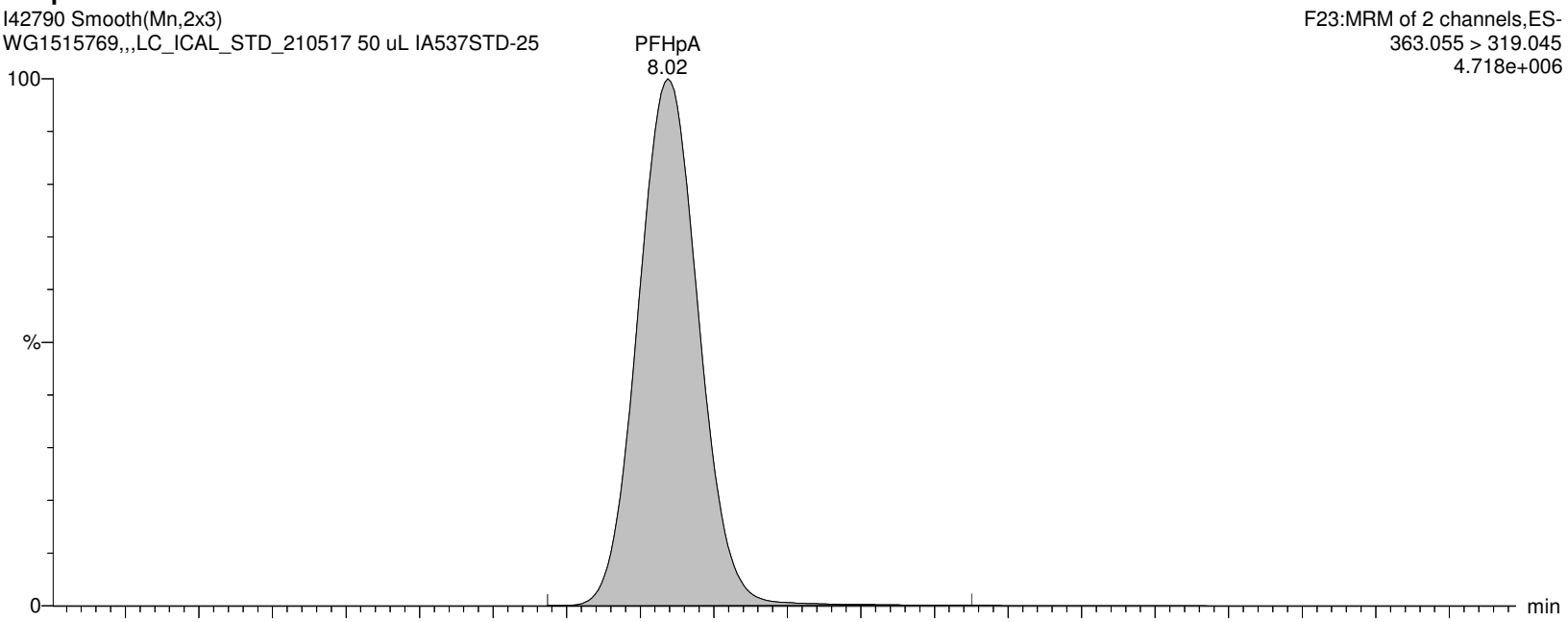


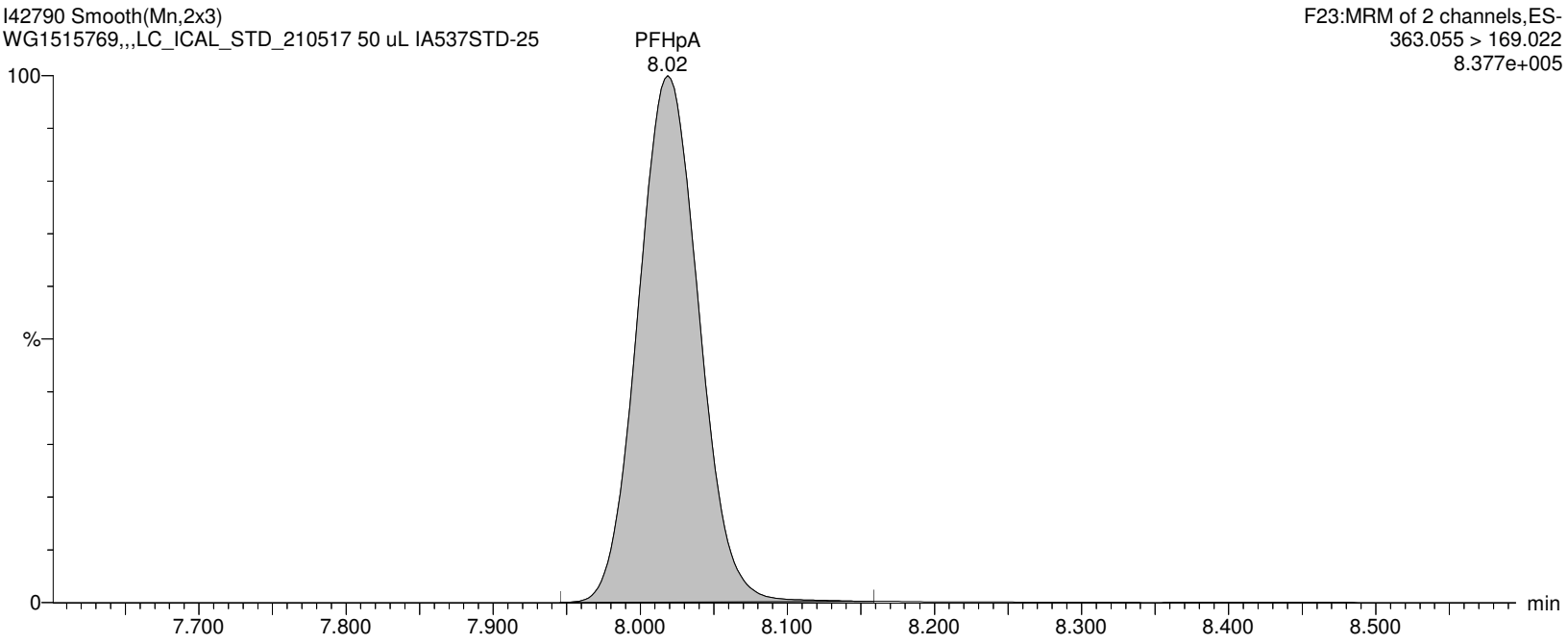
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpA



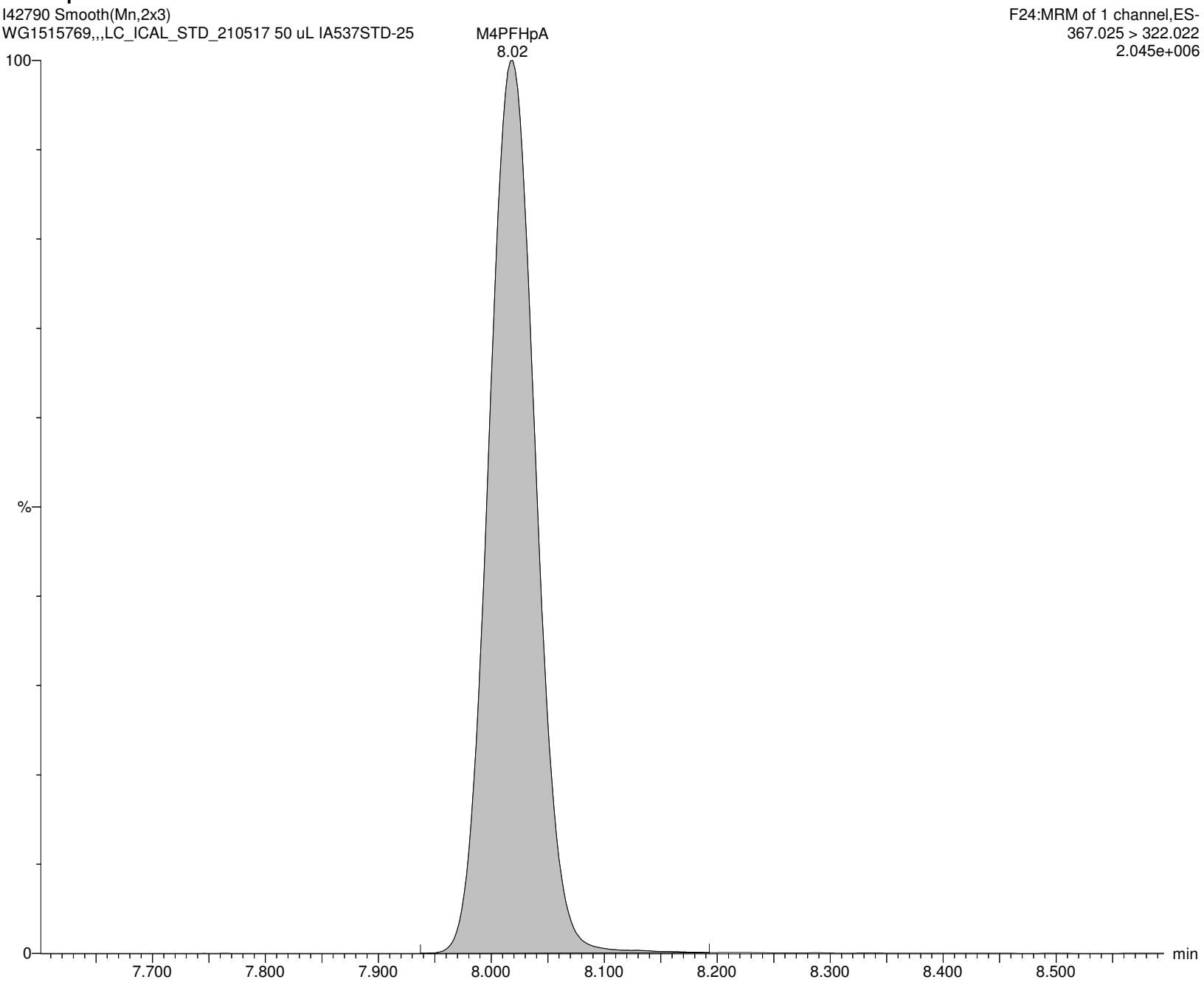


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFHpA

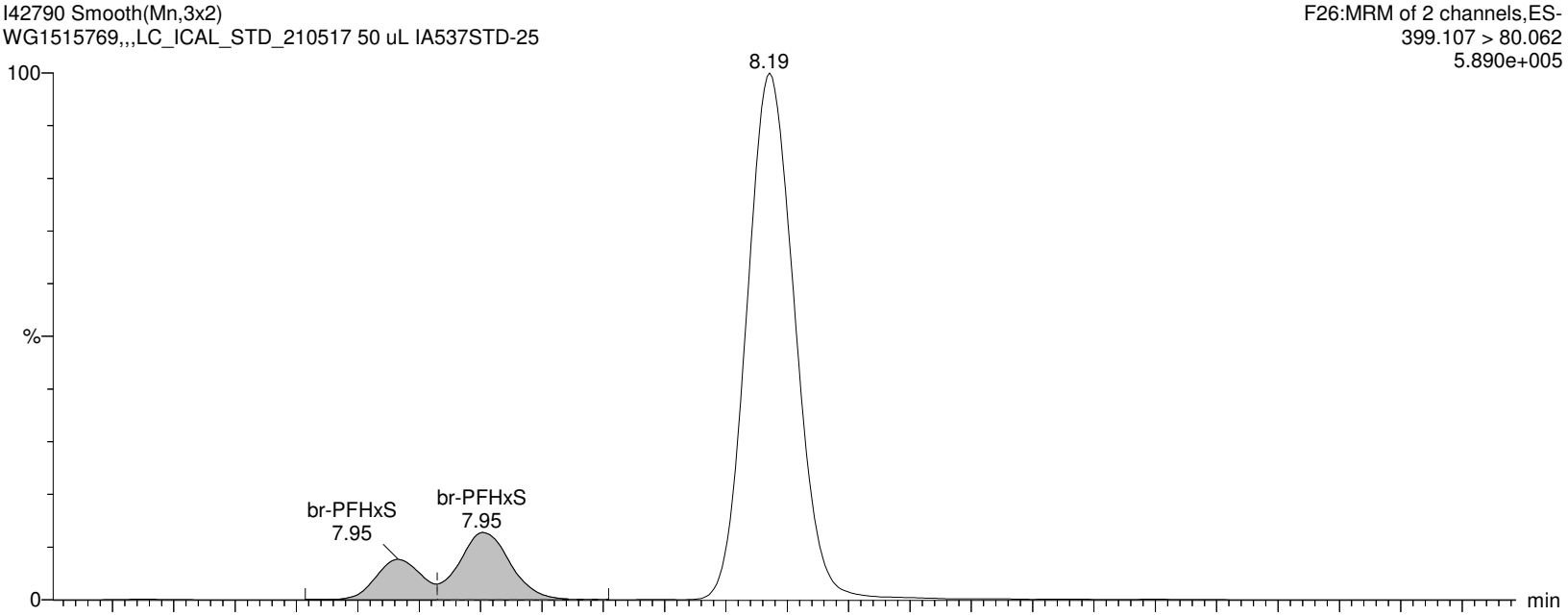


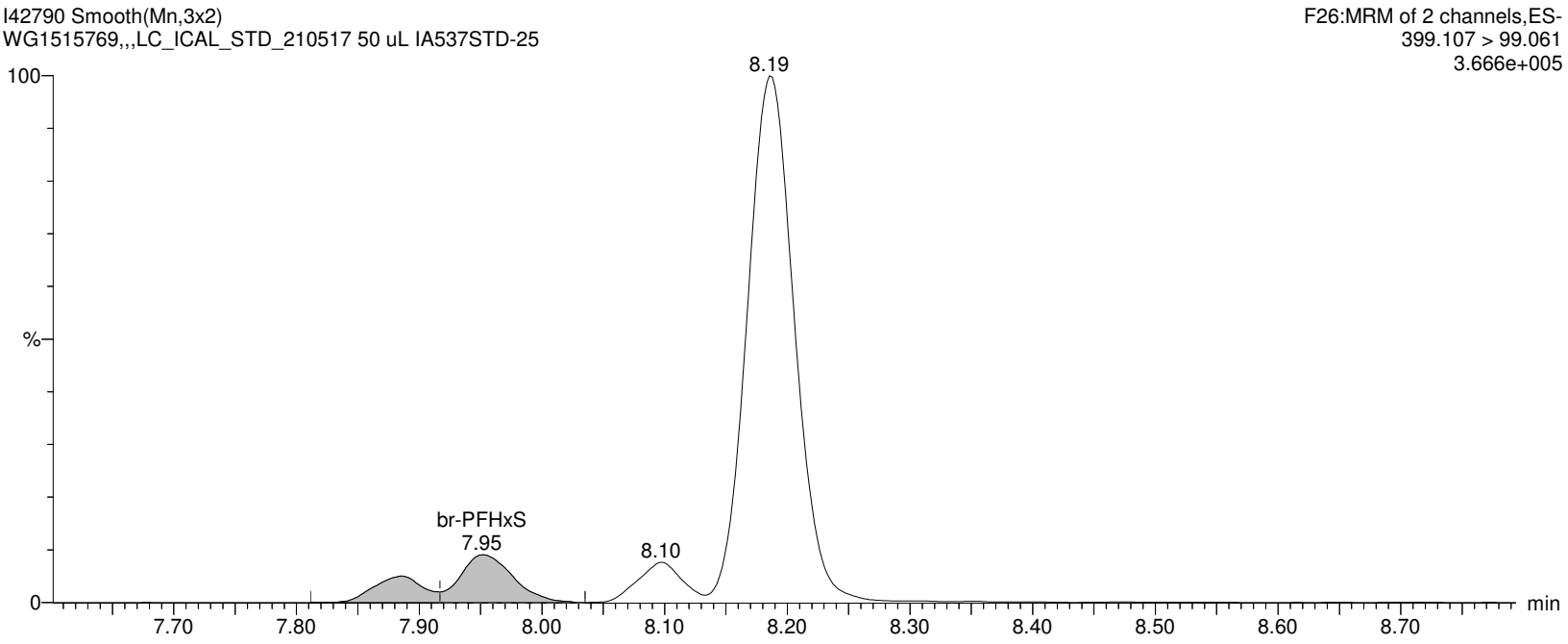
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFHxS



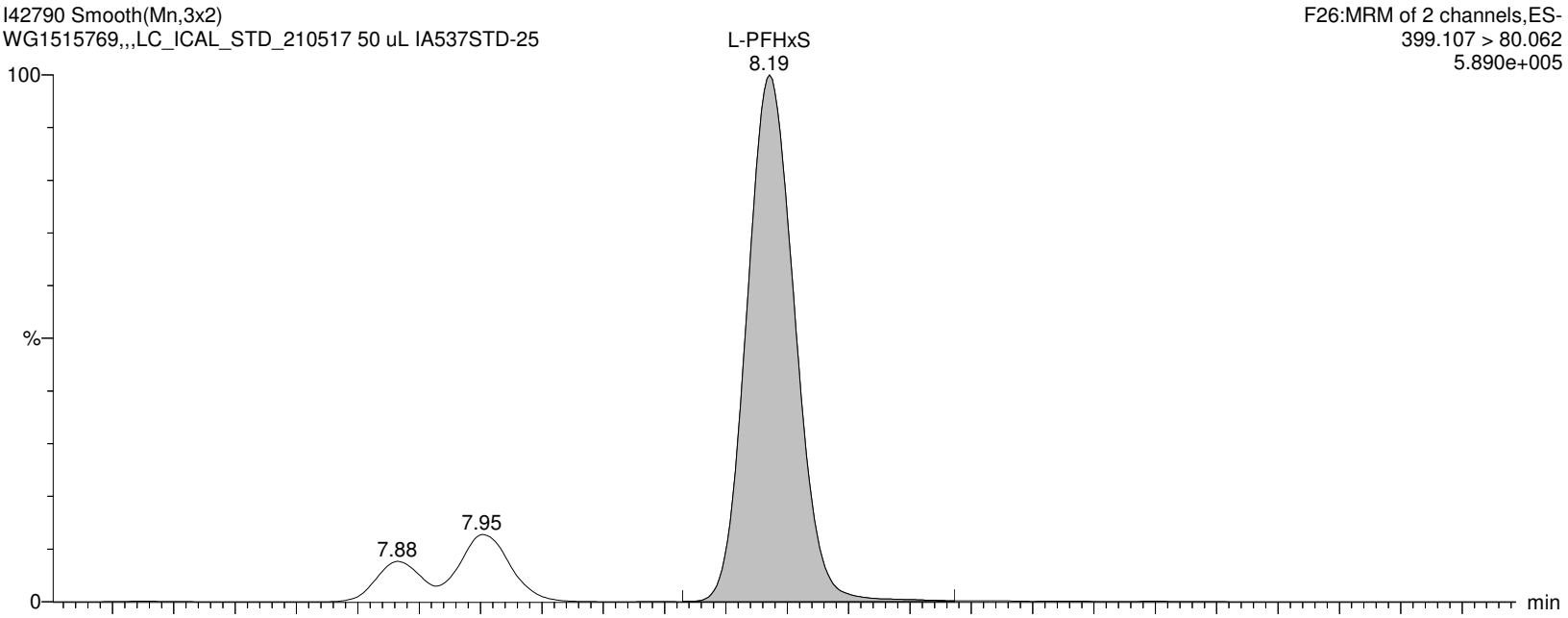


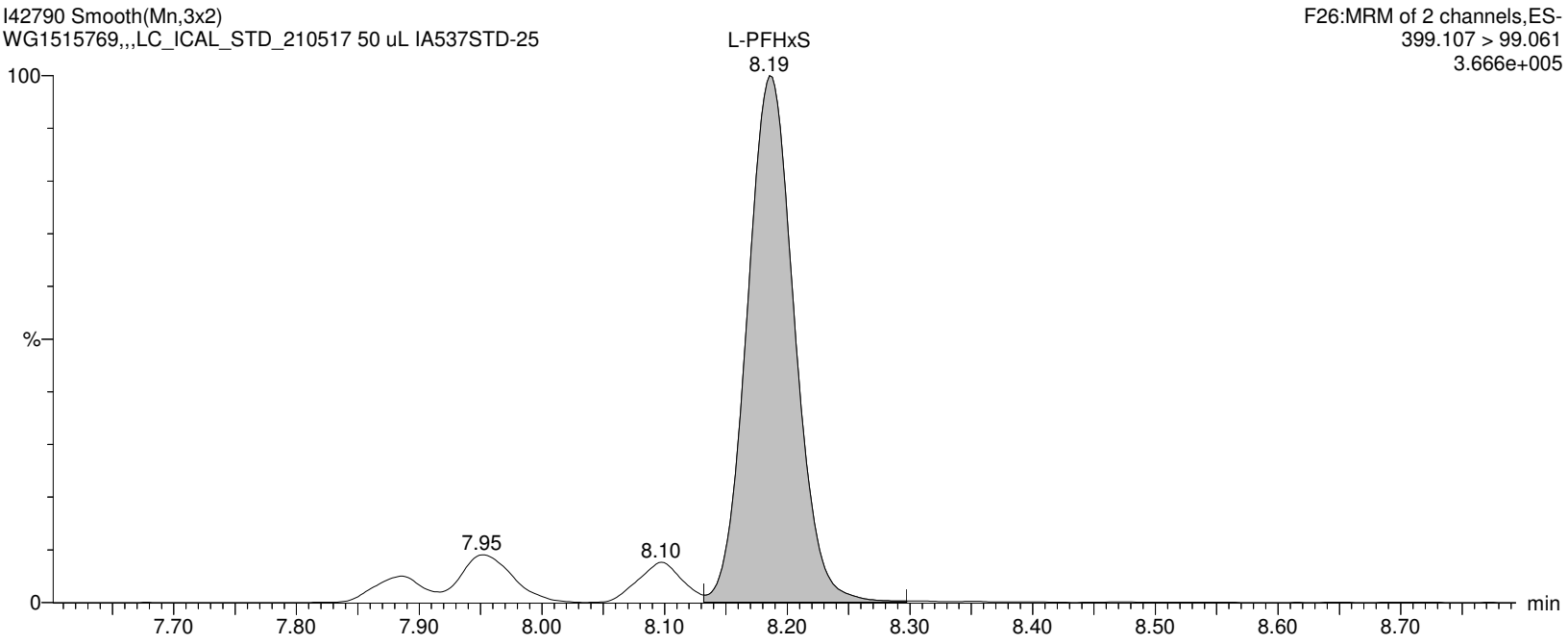
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFHxS



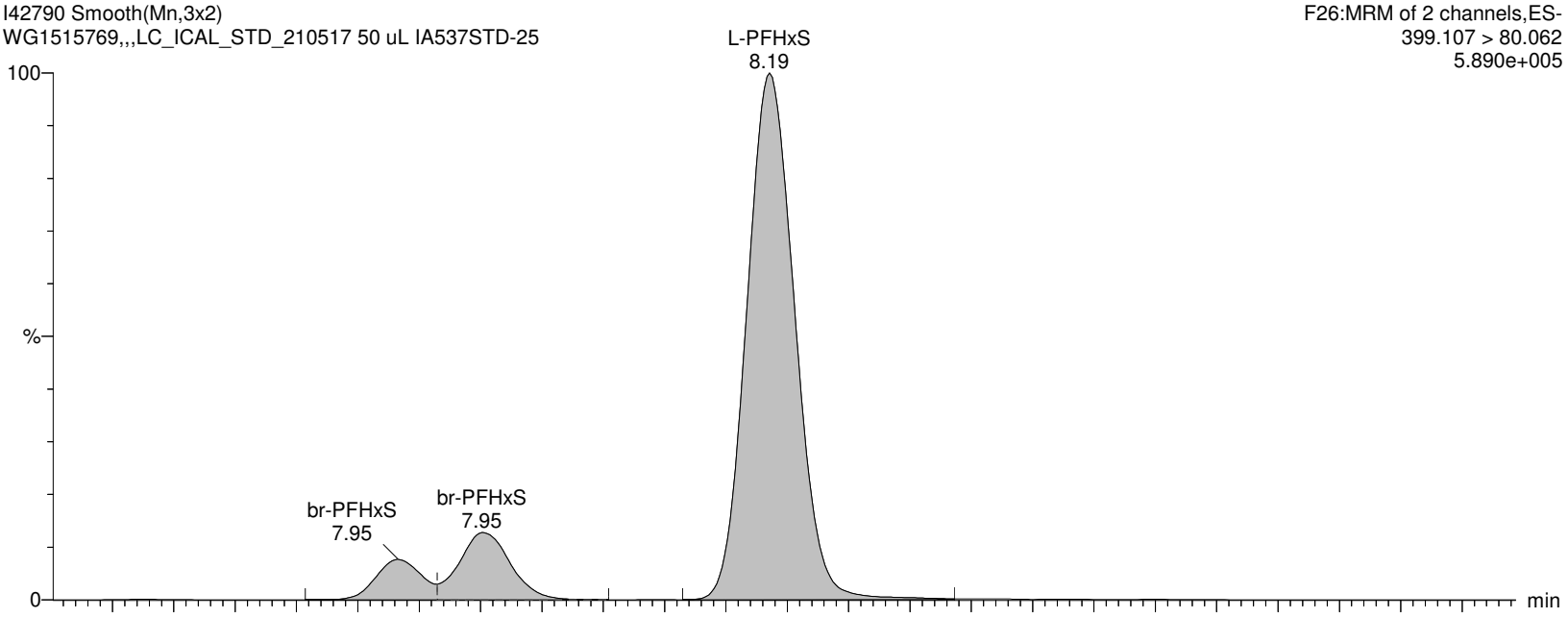


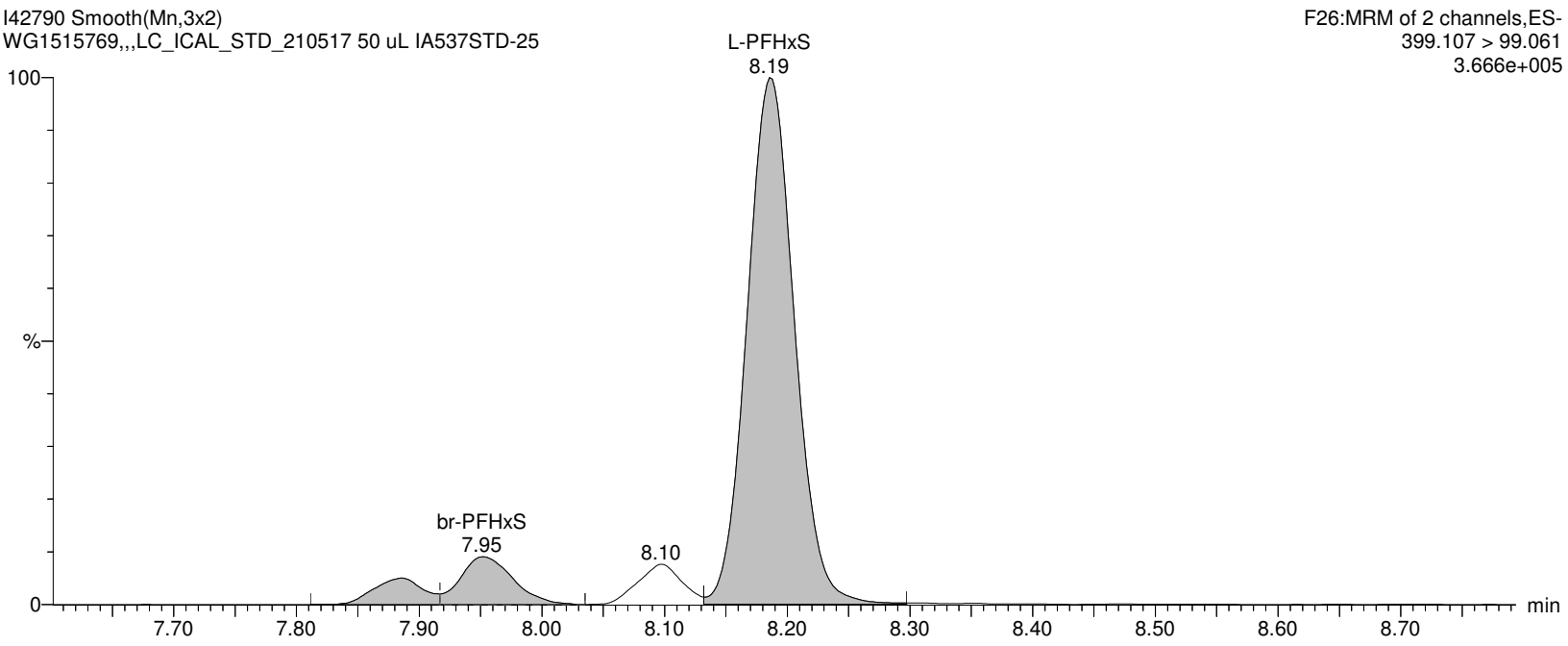
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxS



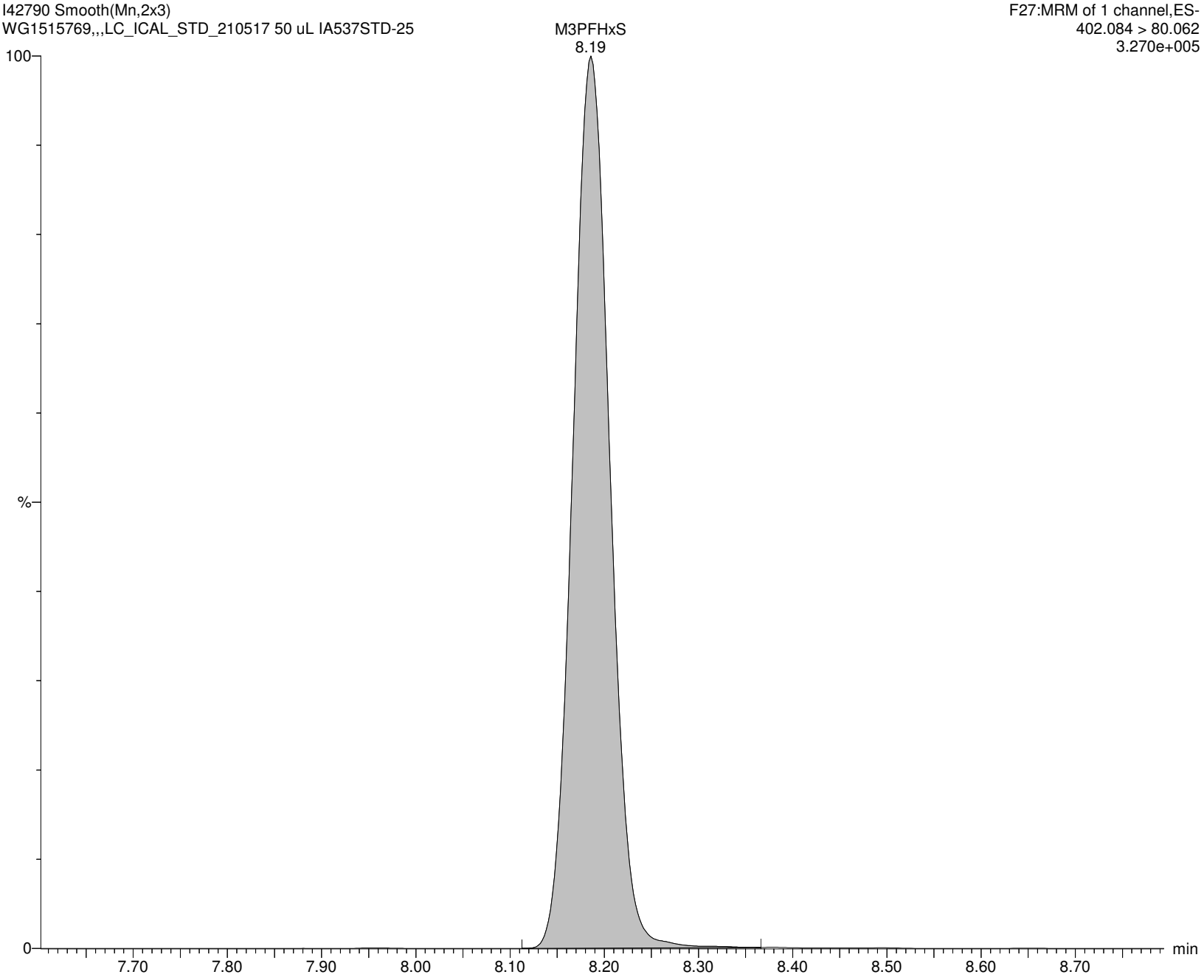


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFHxS

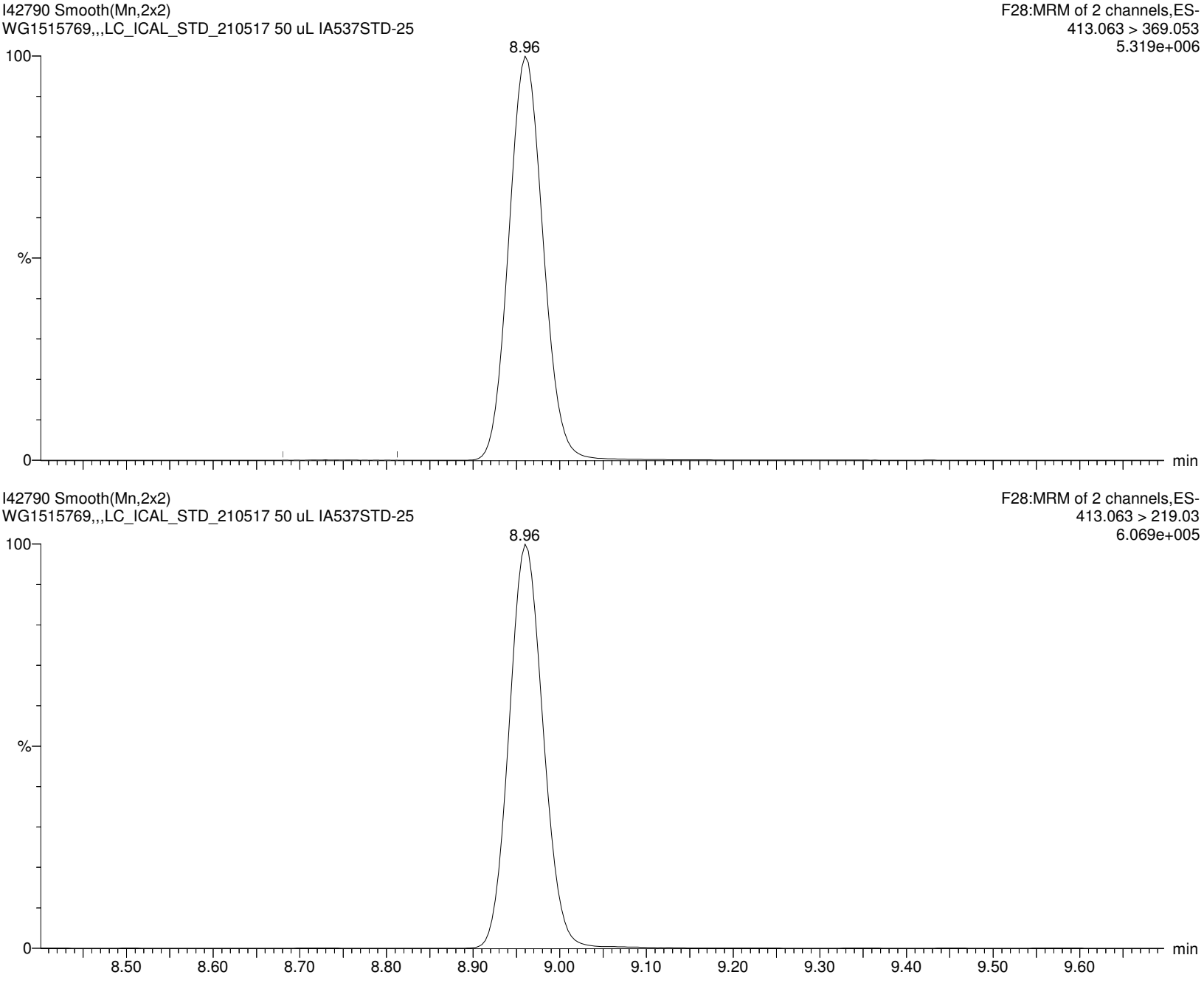


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOA

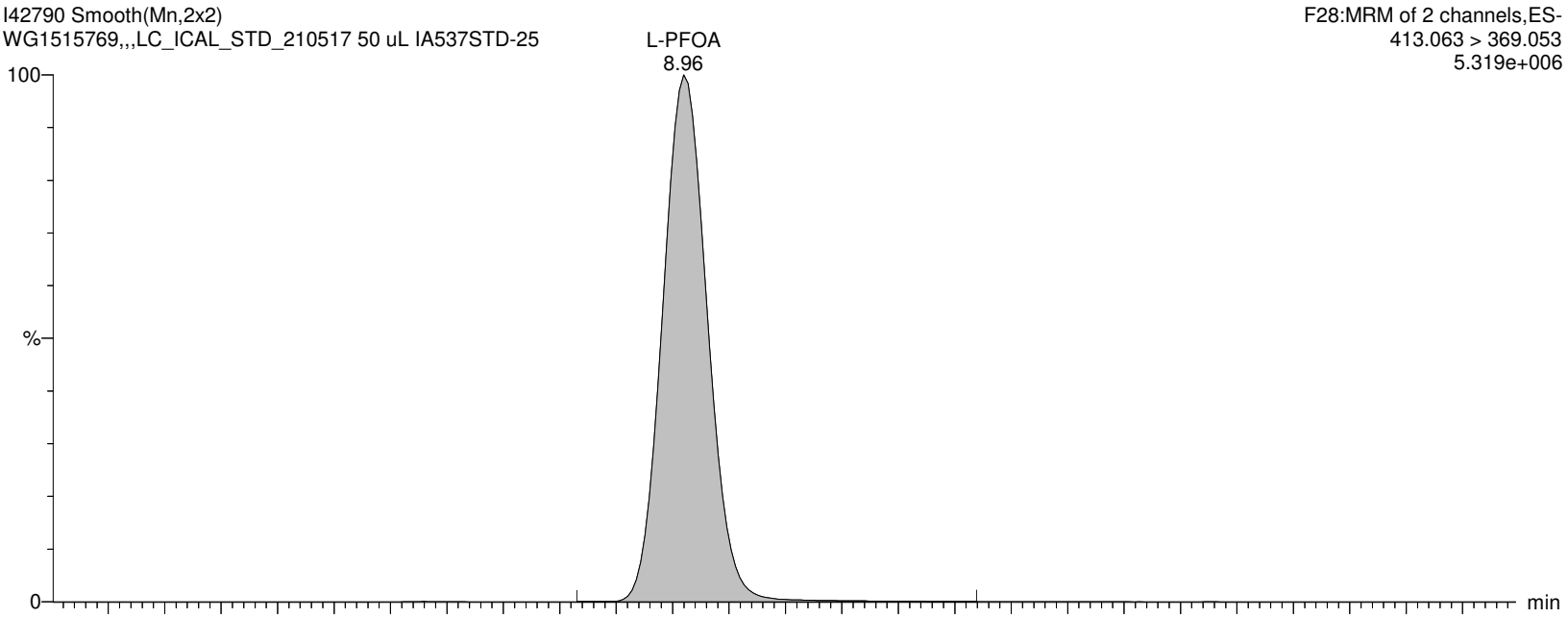


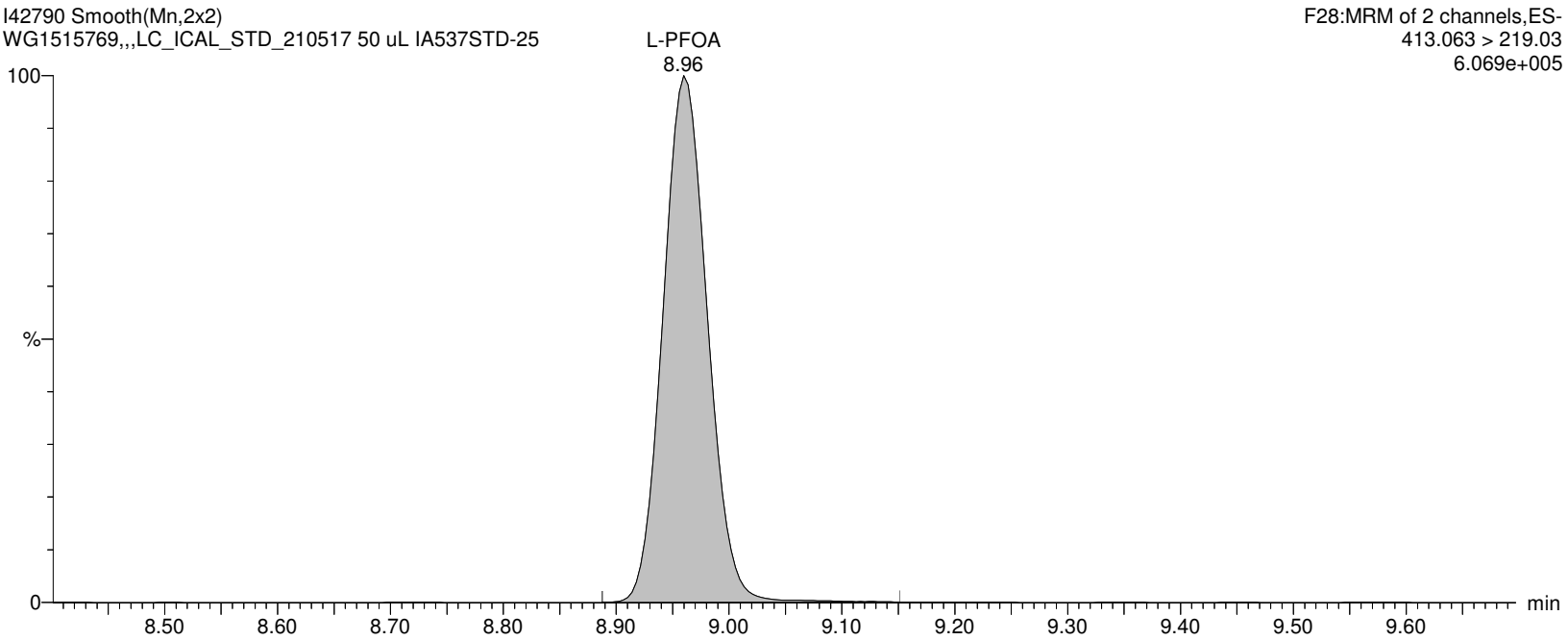
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOA



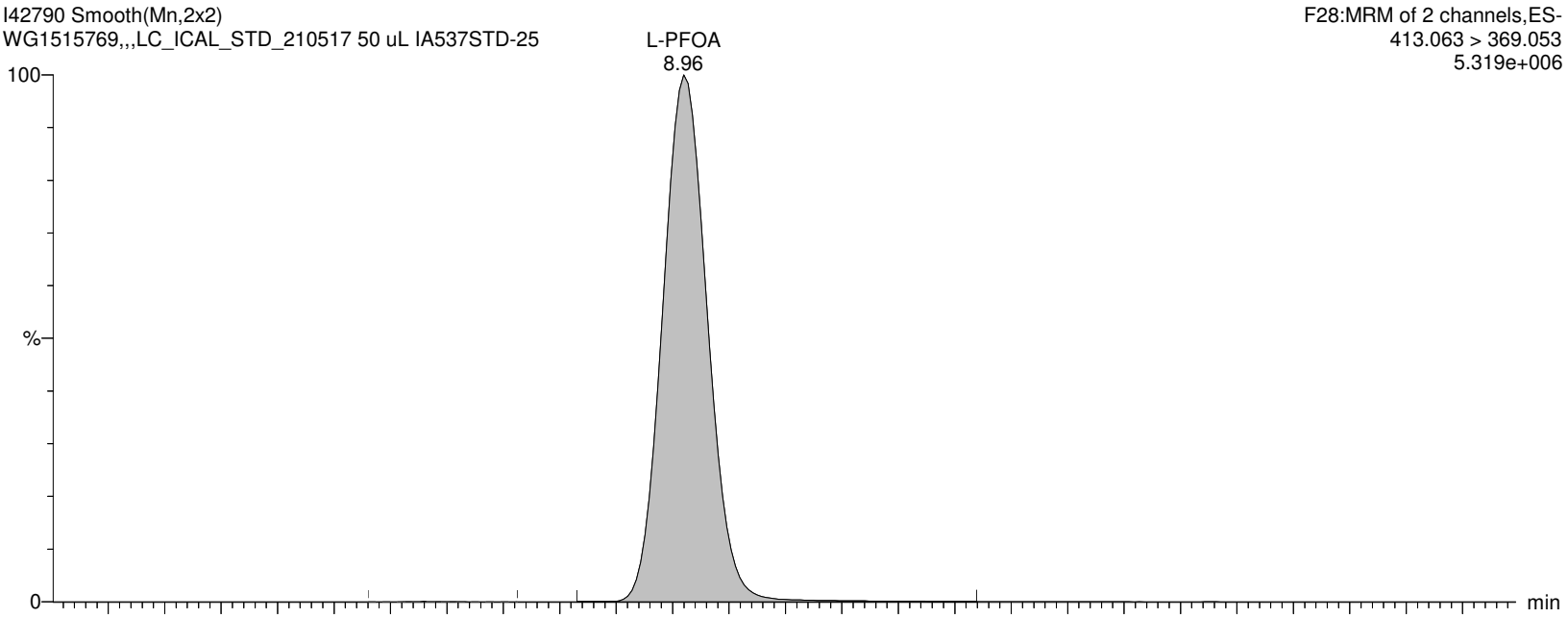


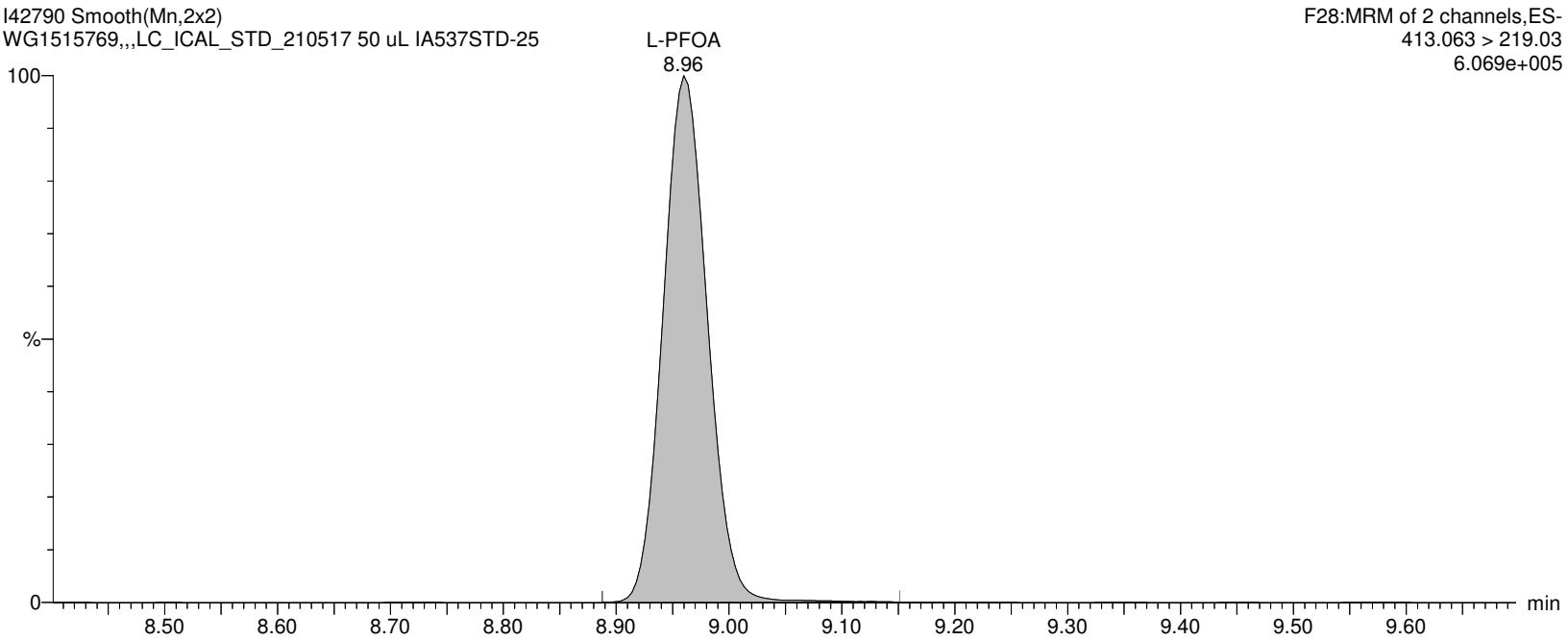
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOA



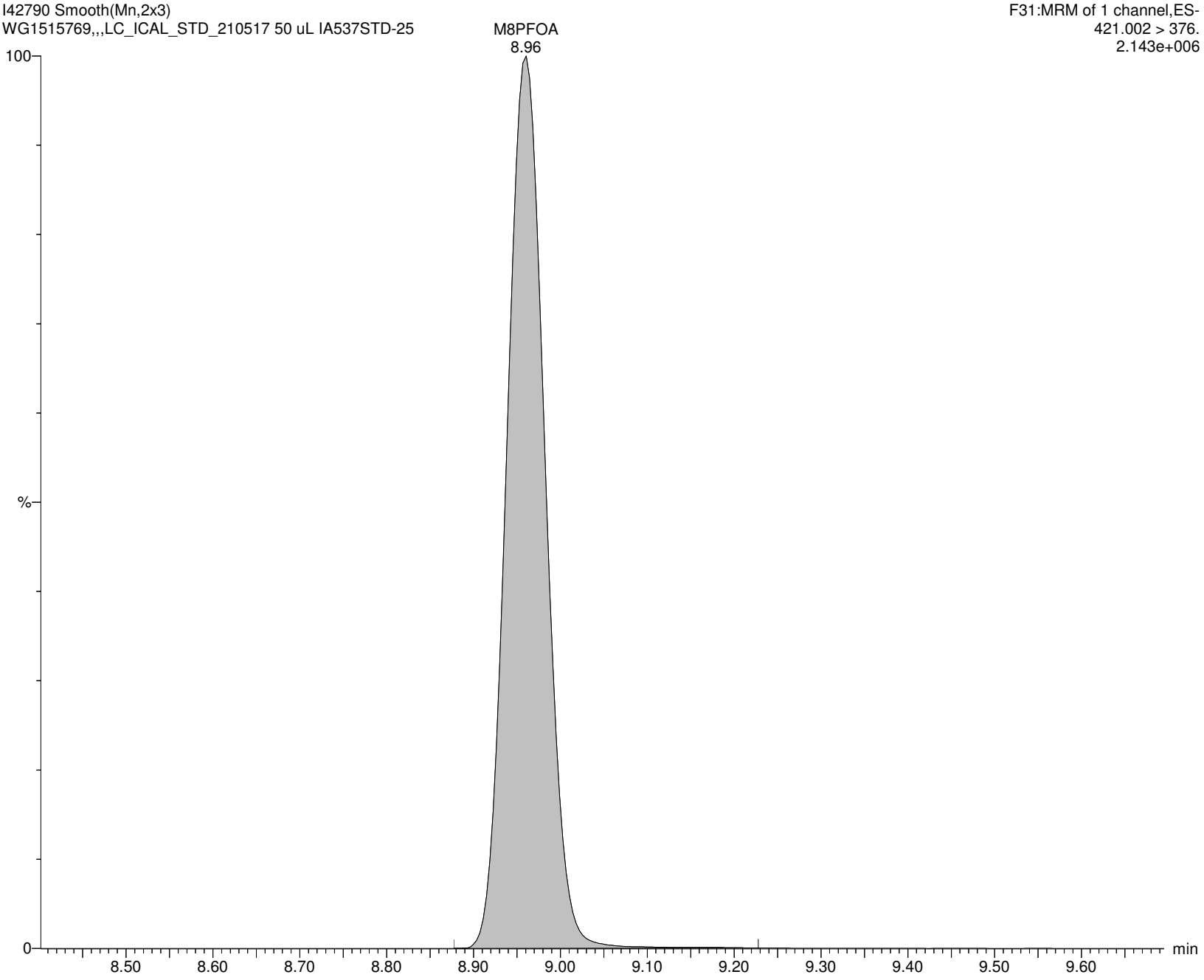


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOA

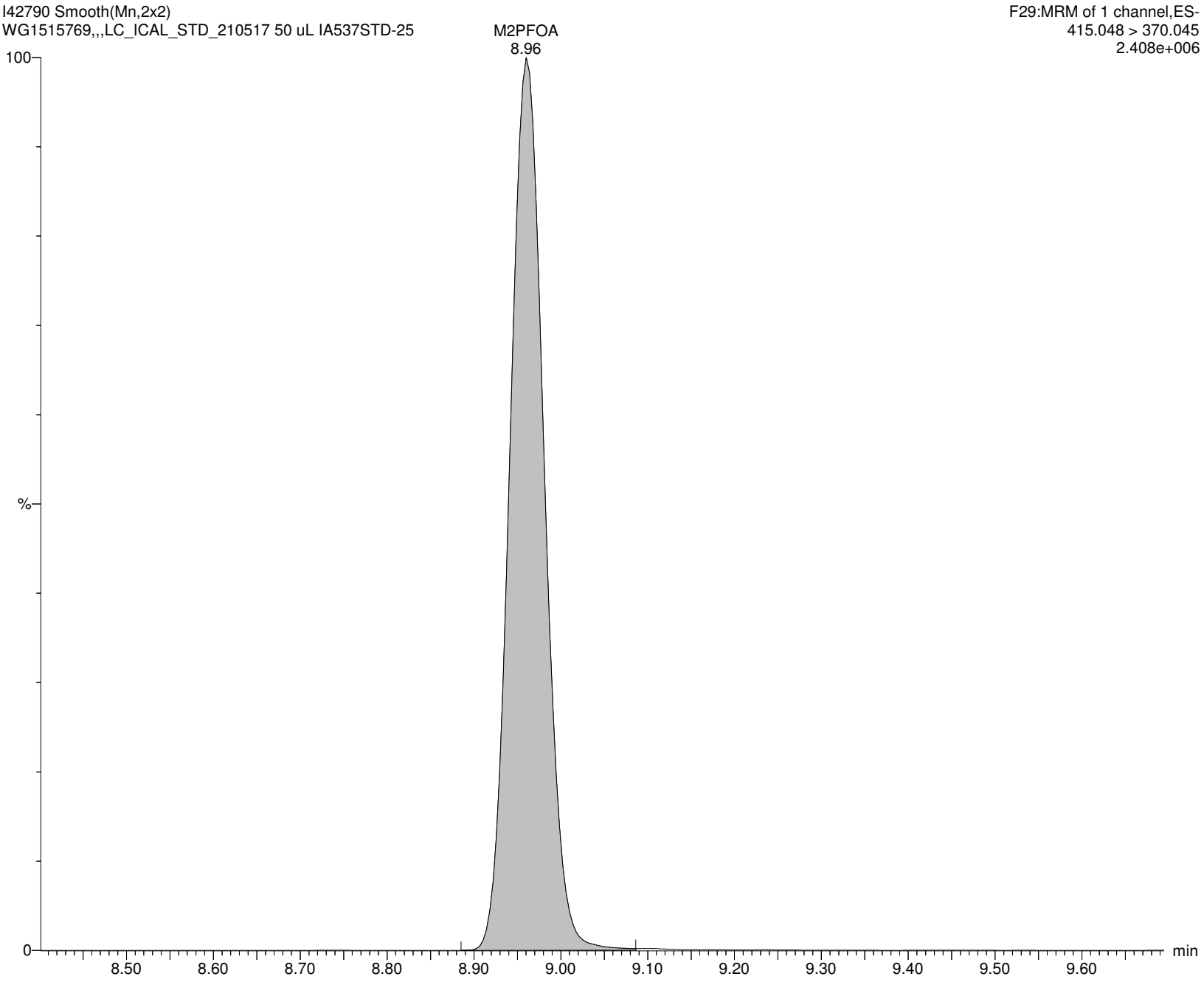


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFOA

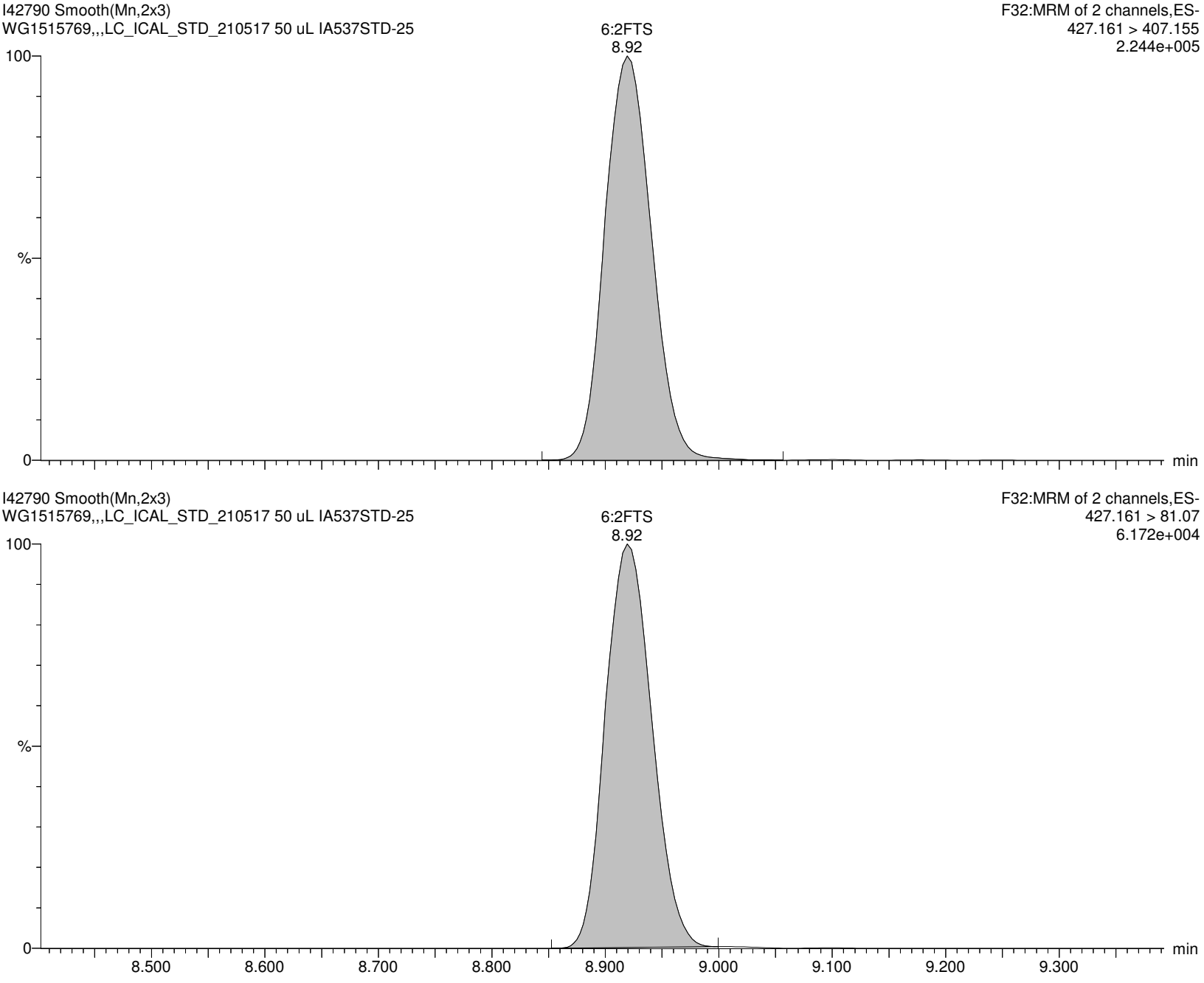


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

6:2FTS

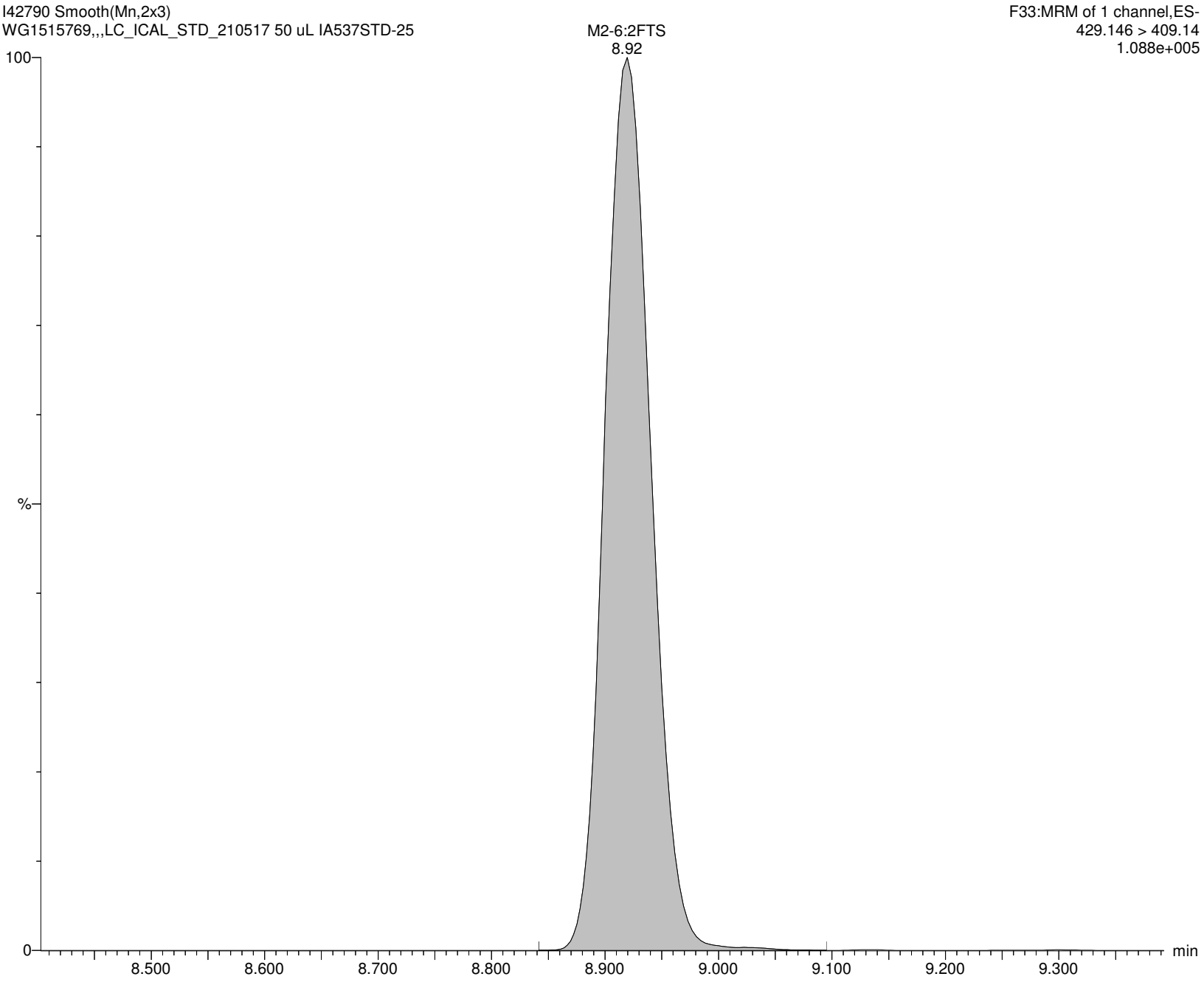


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-6:2FTS

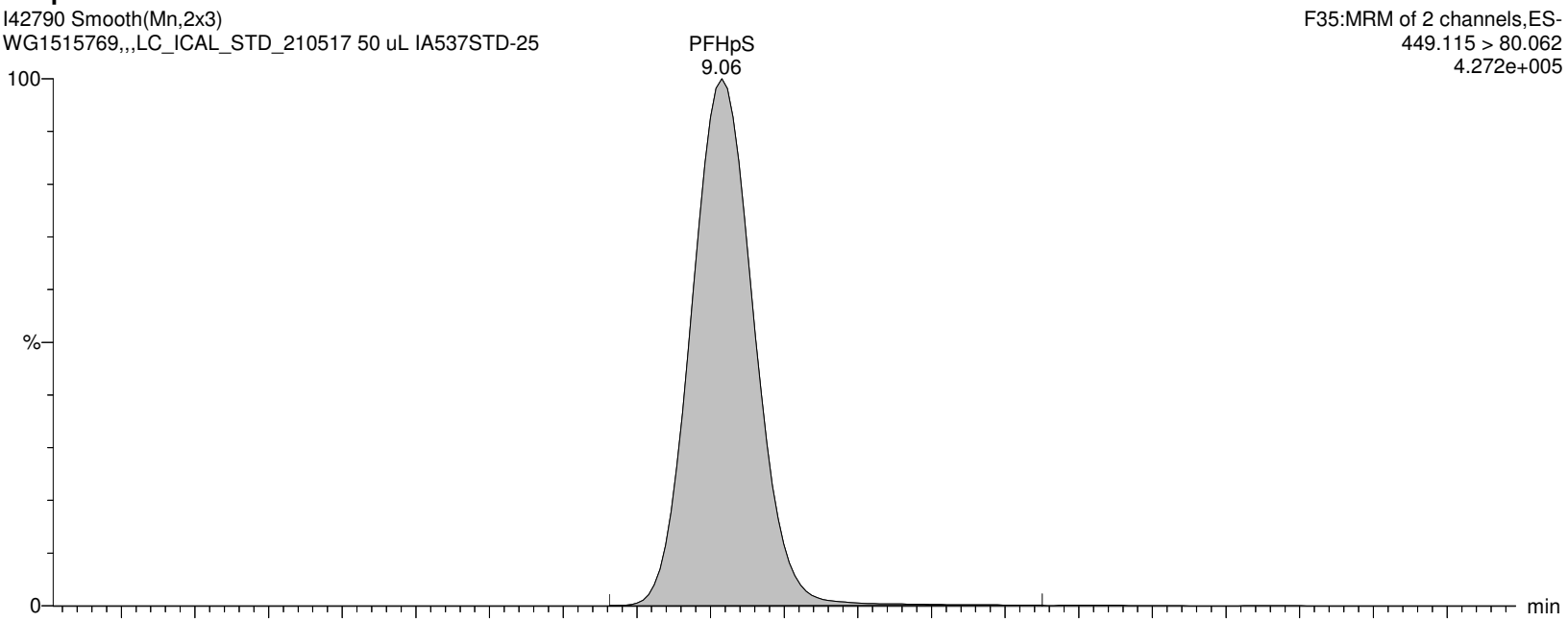


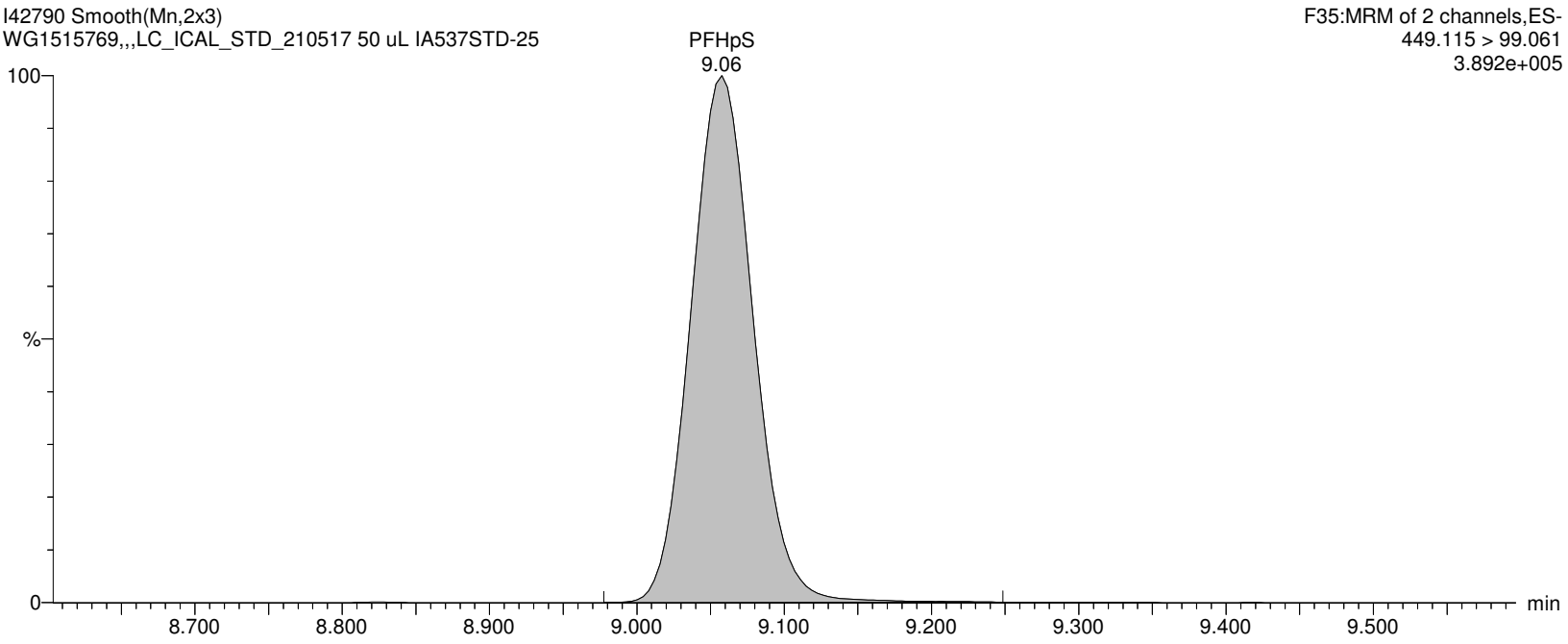
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpS



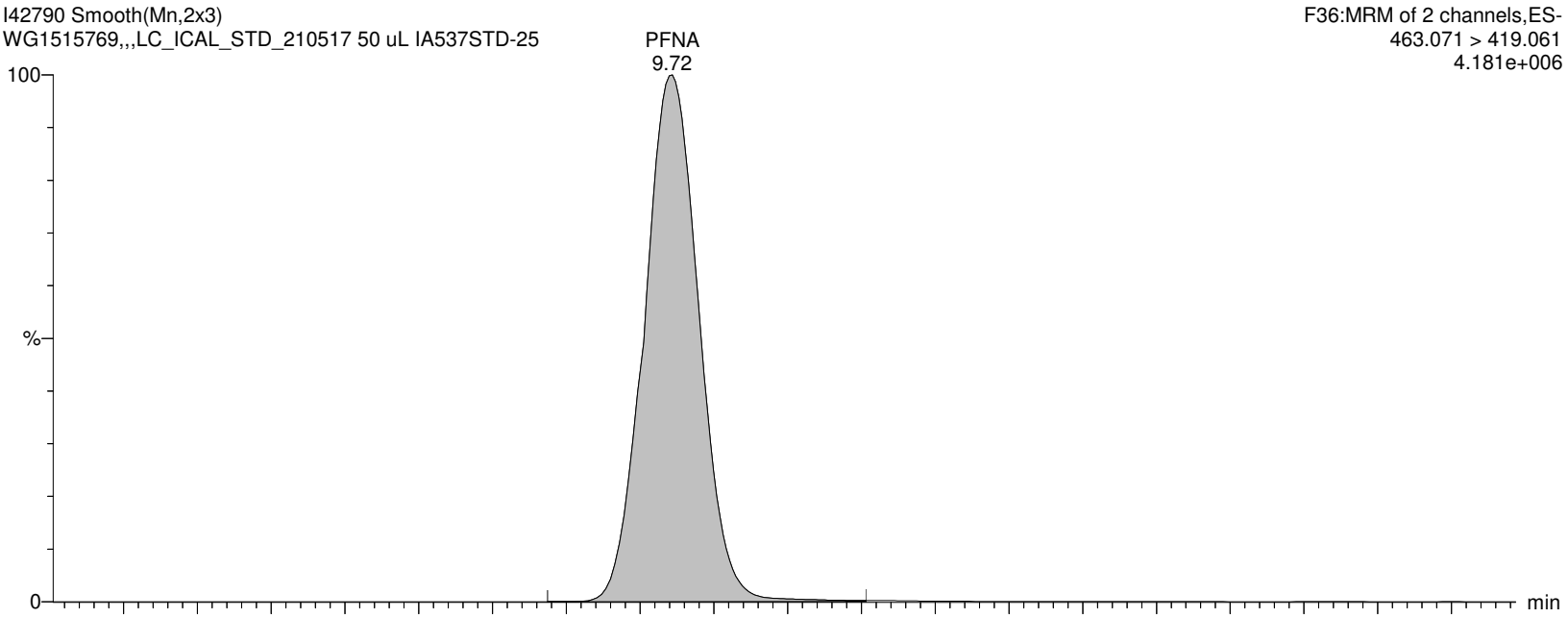


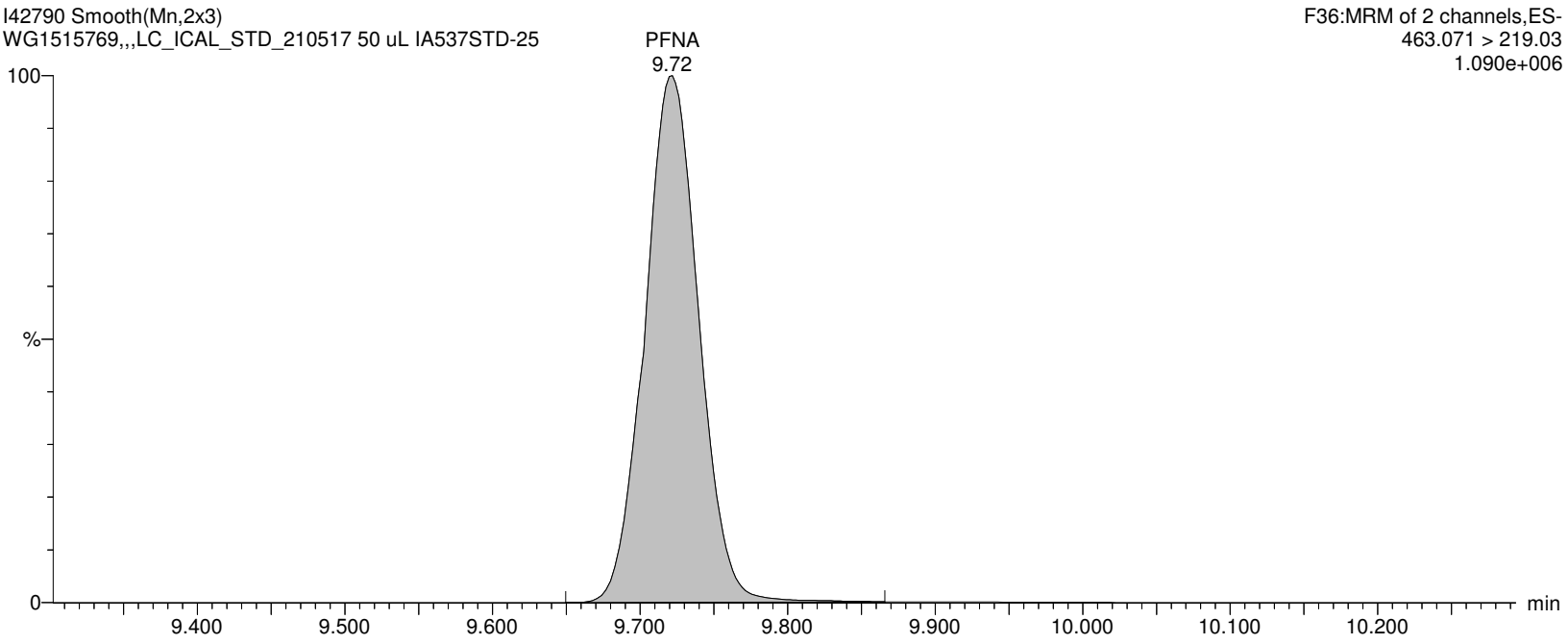
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNA



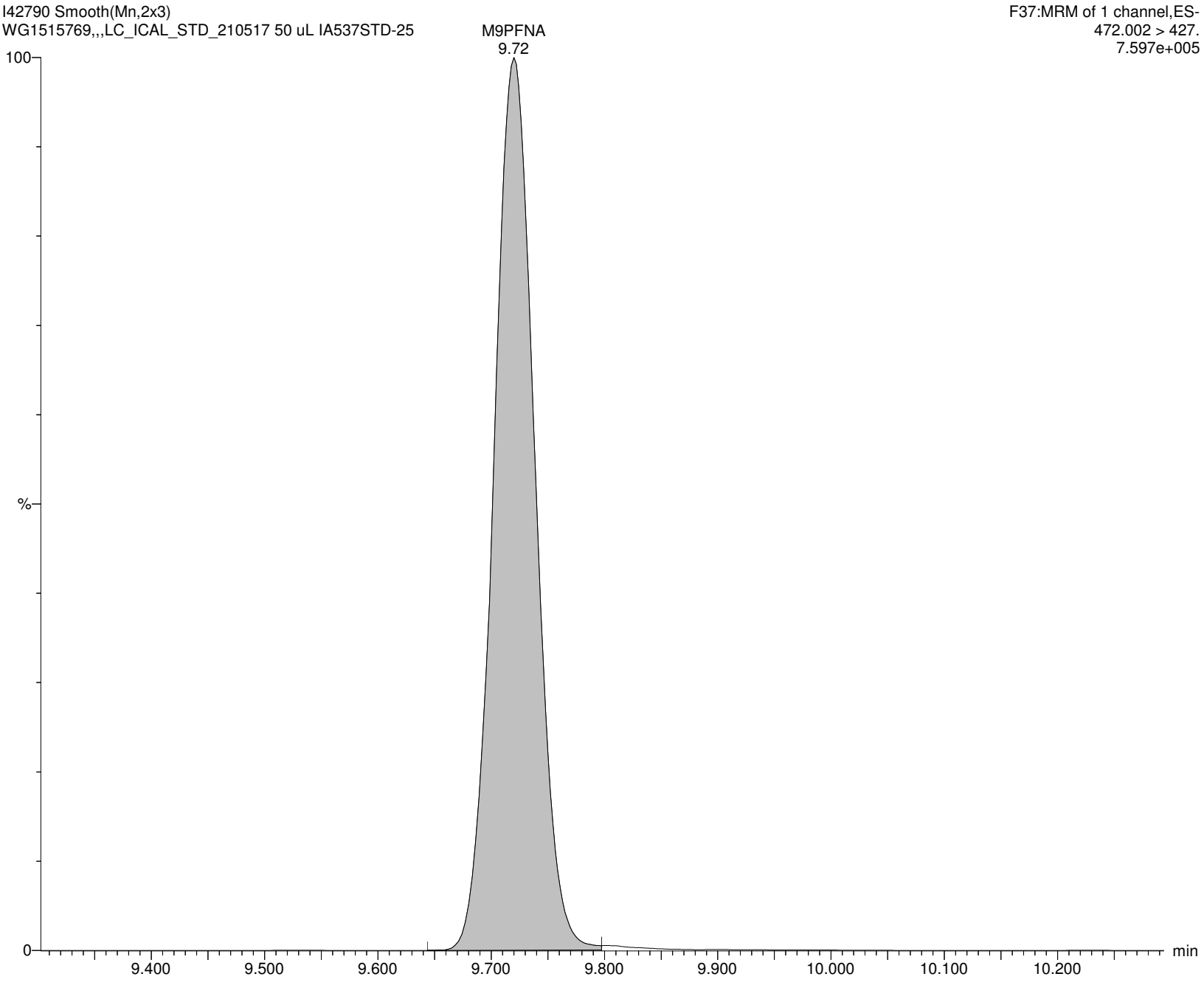


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M9PFNA

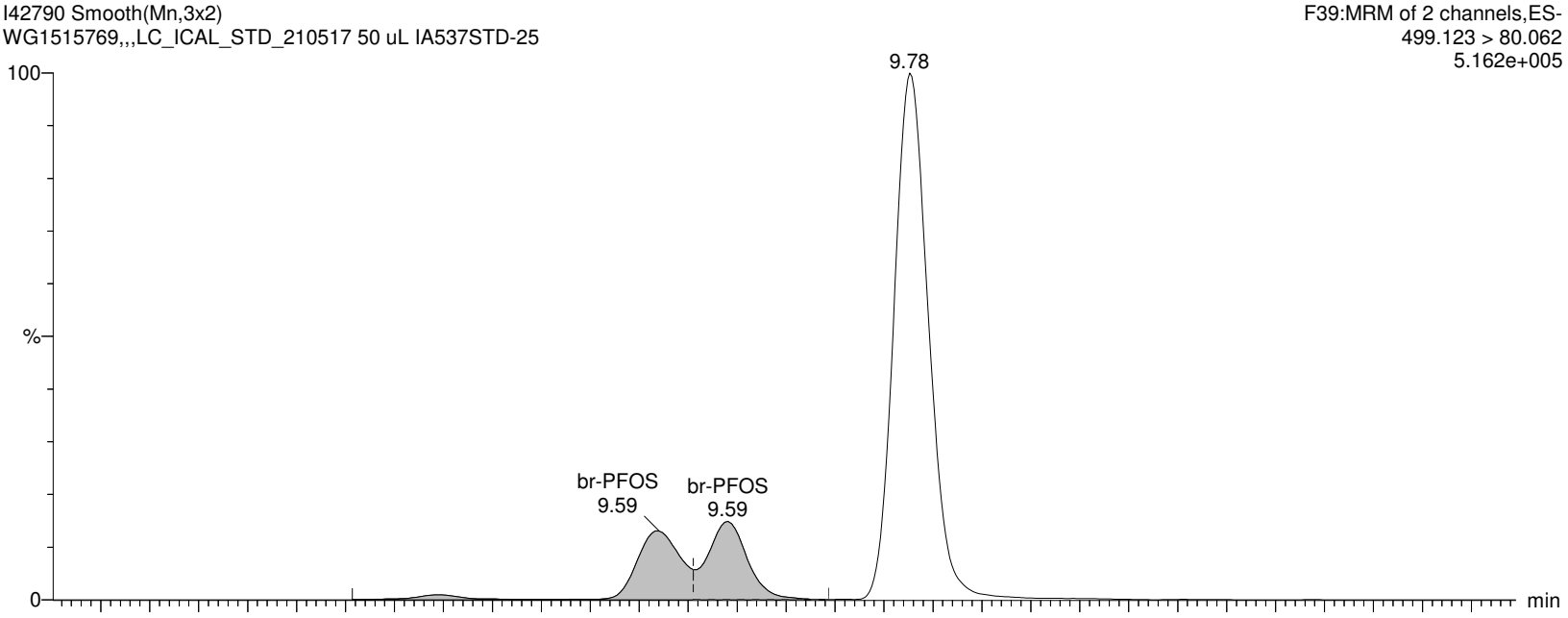


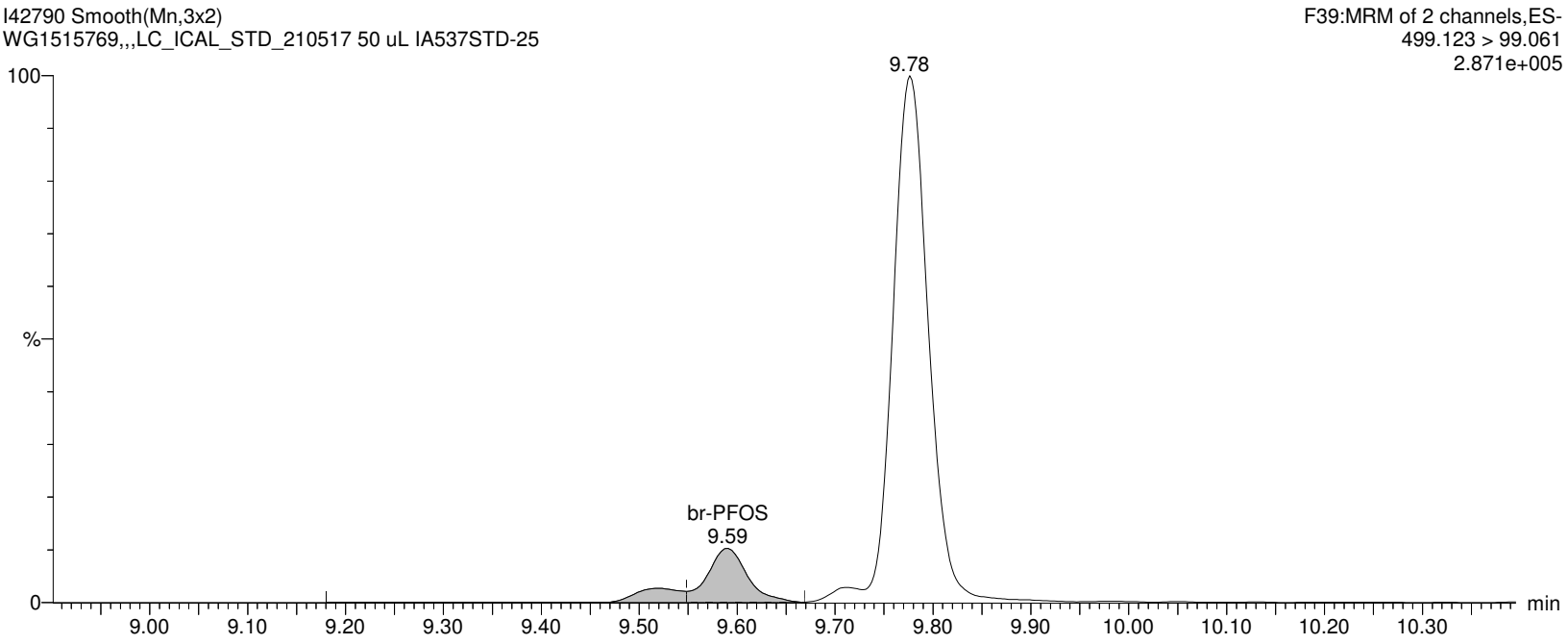
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOS



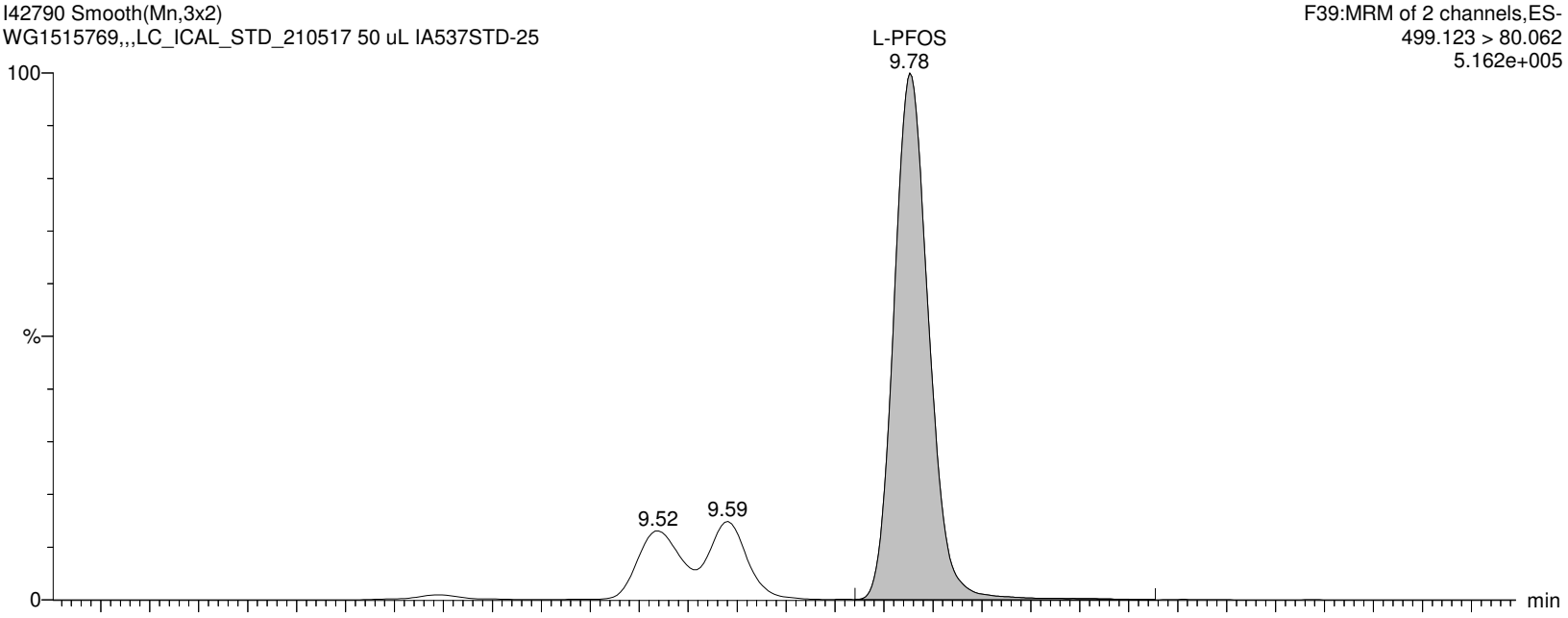


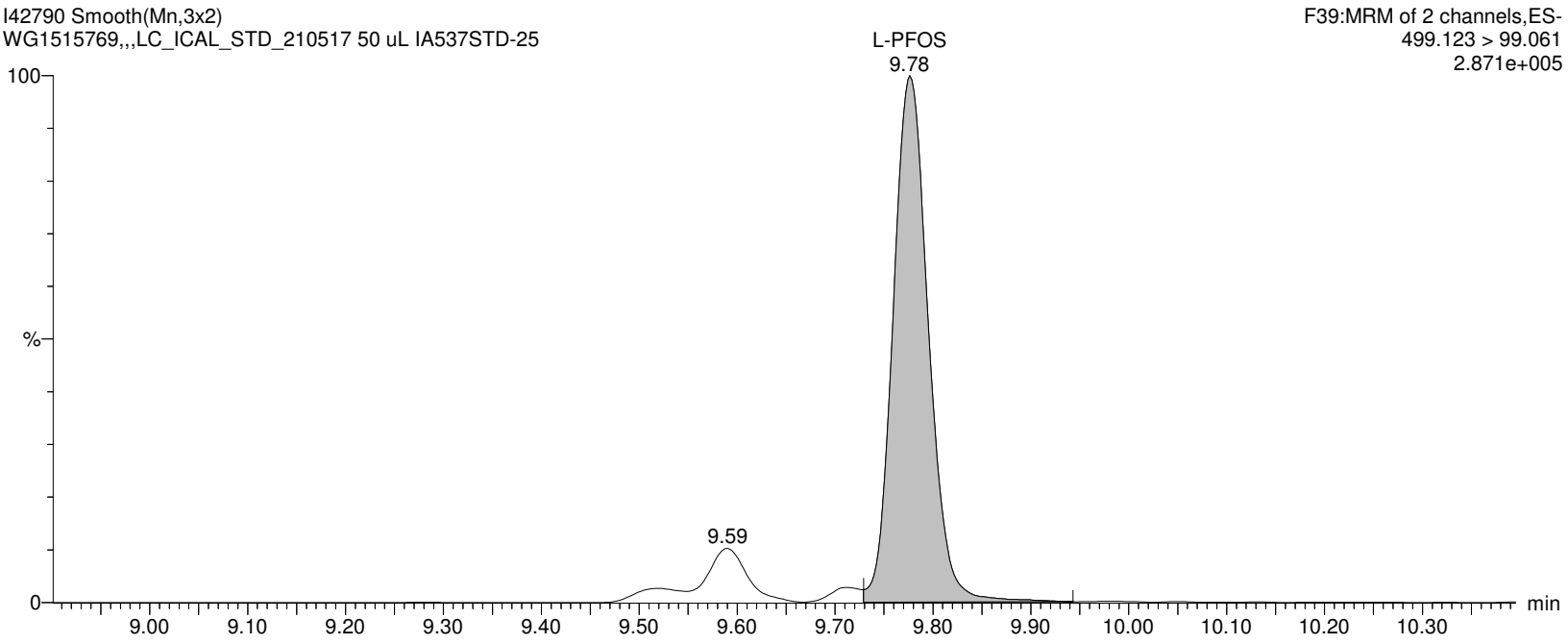
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOS



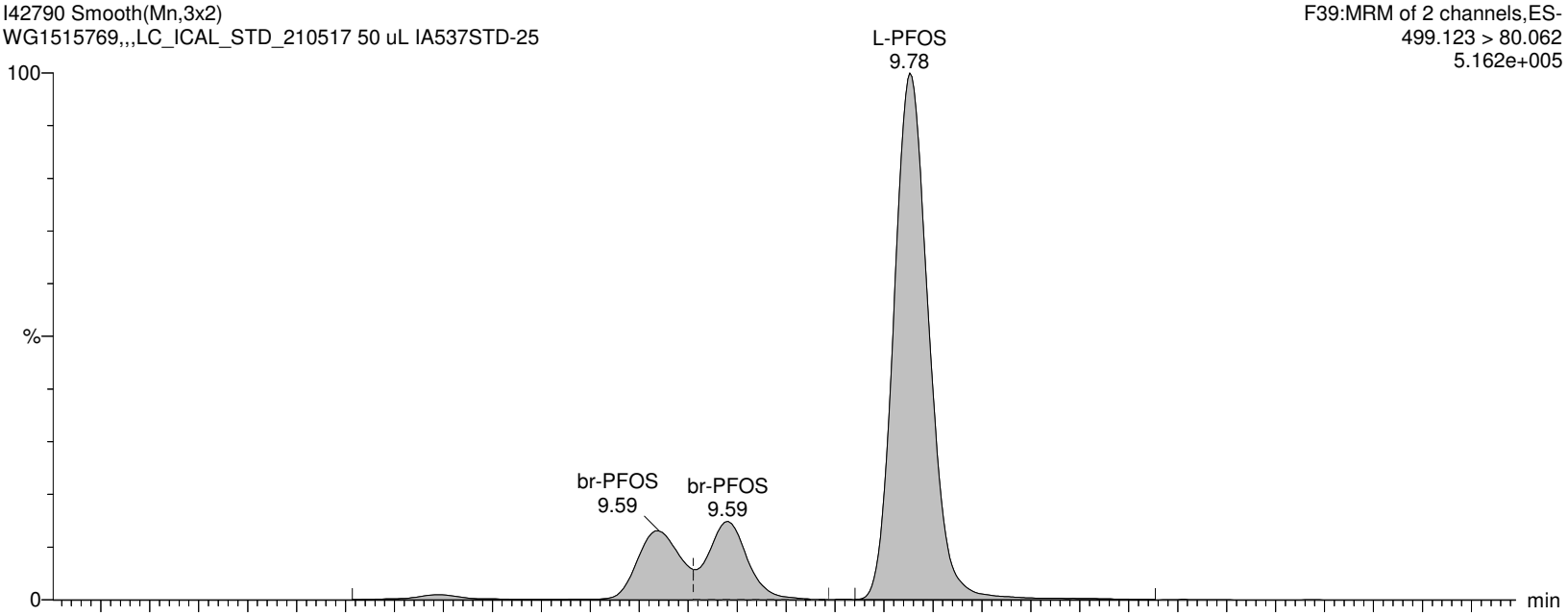


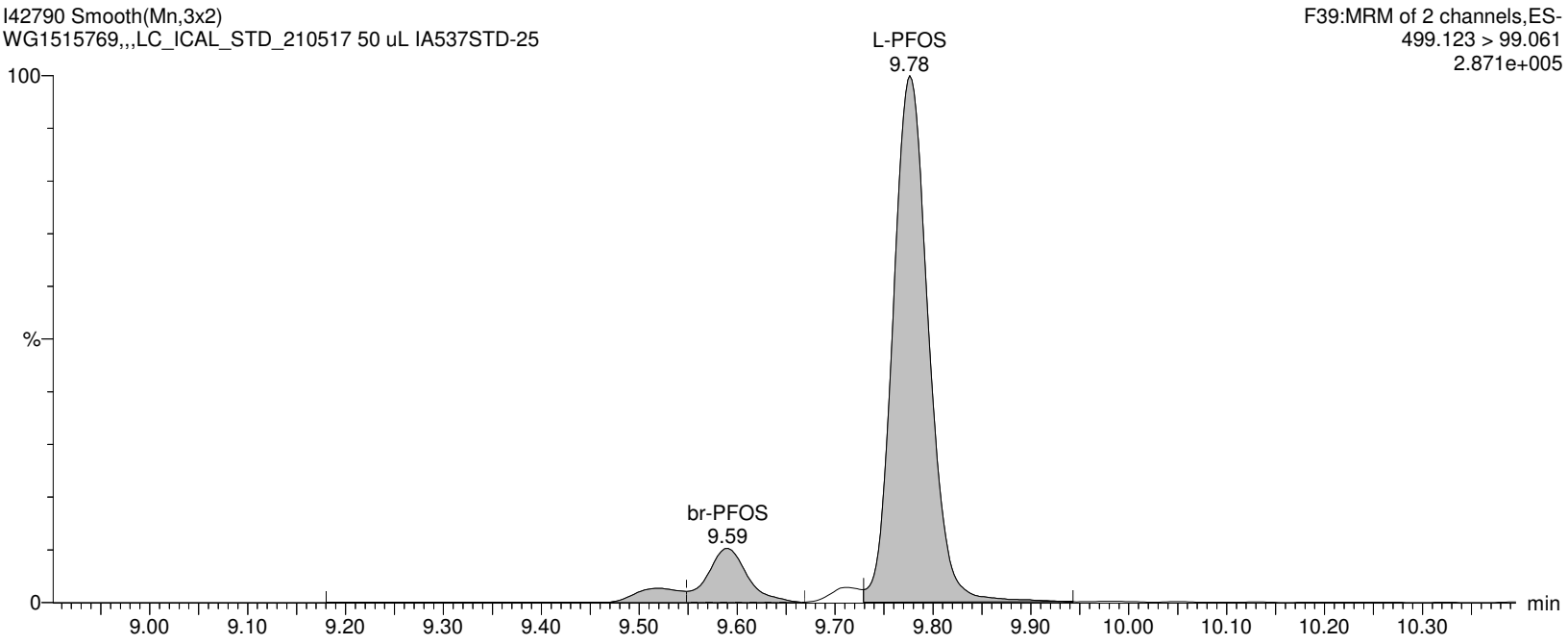
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOS



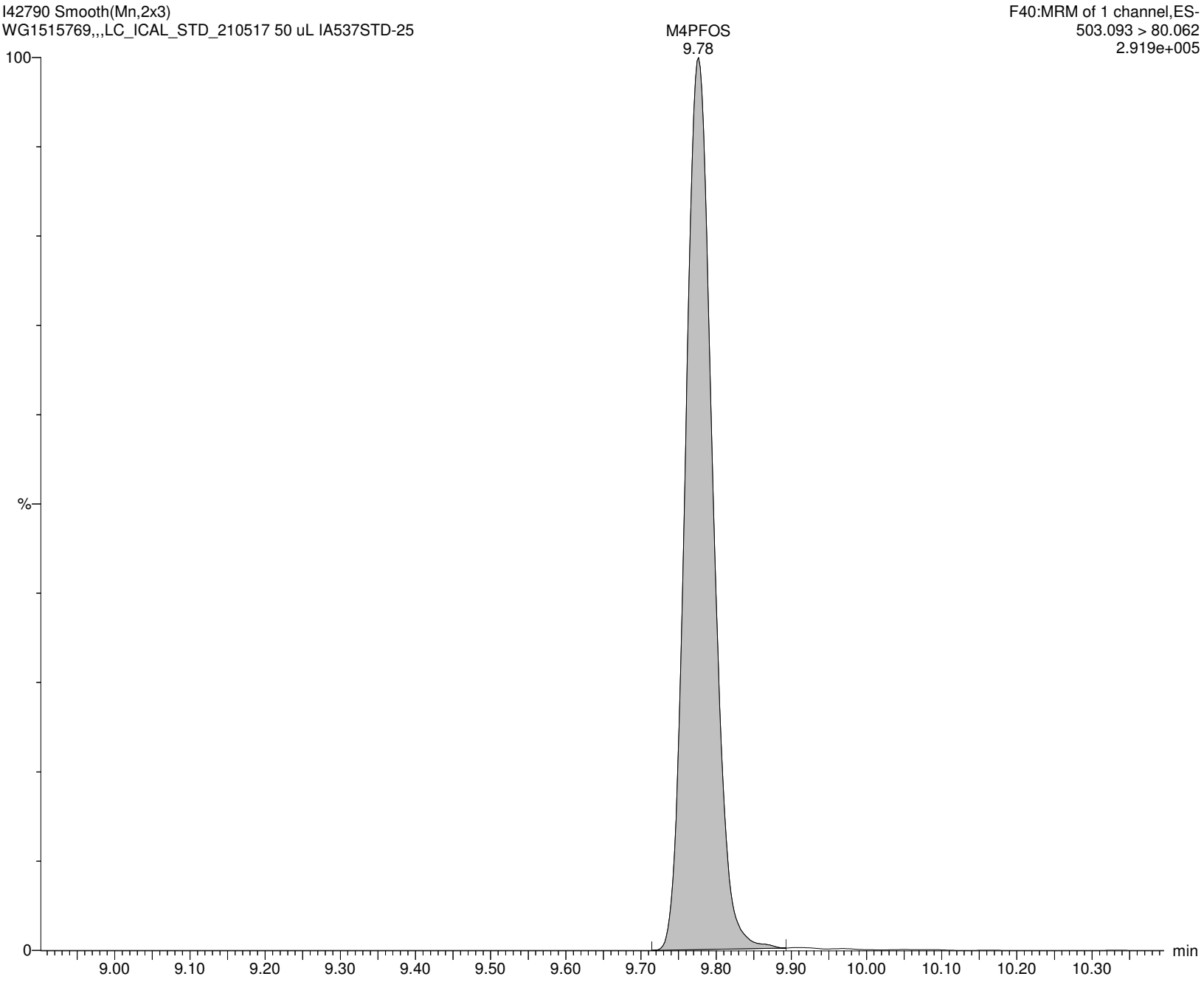


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOS

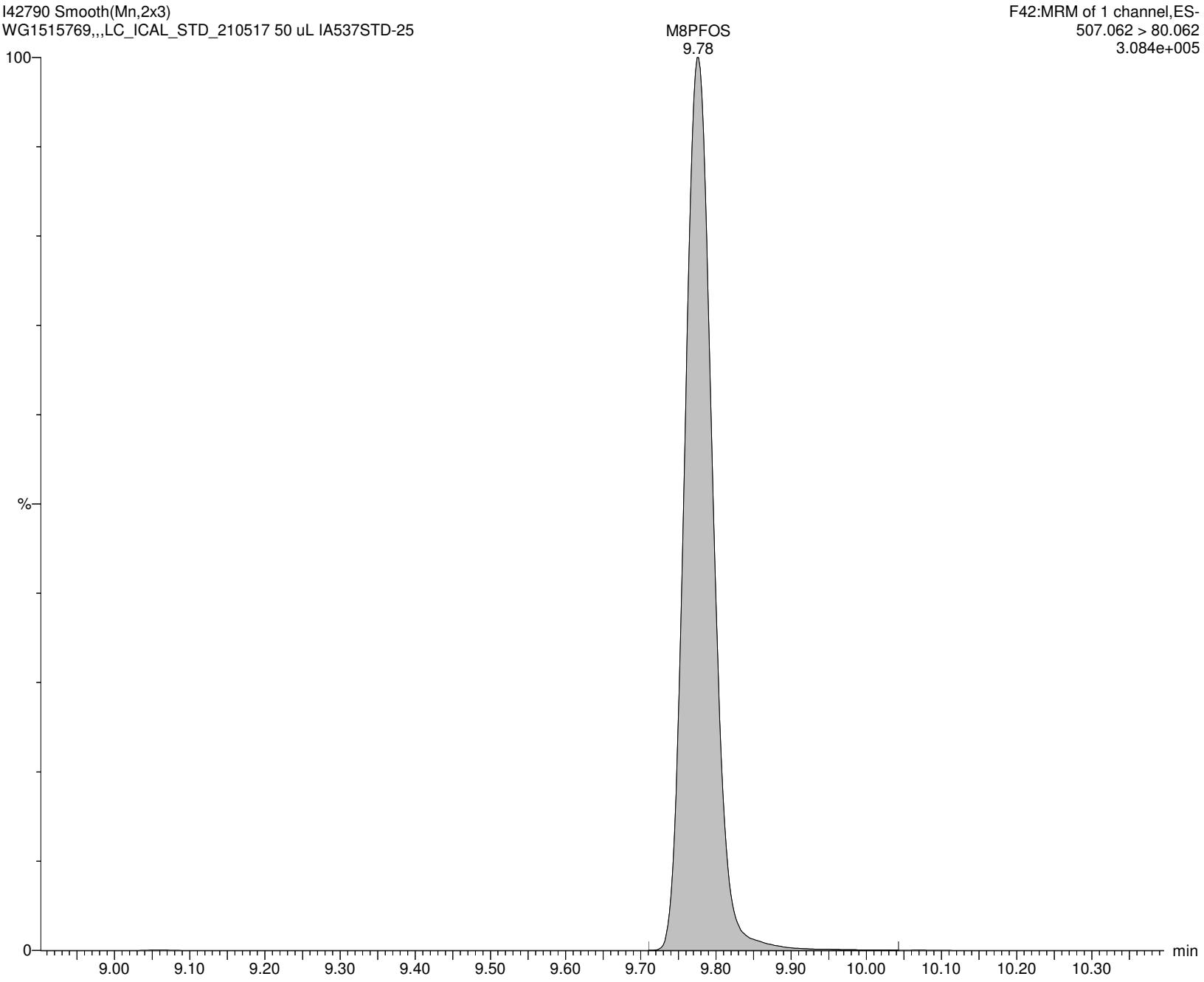


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOS

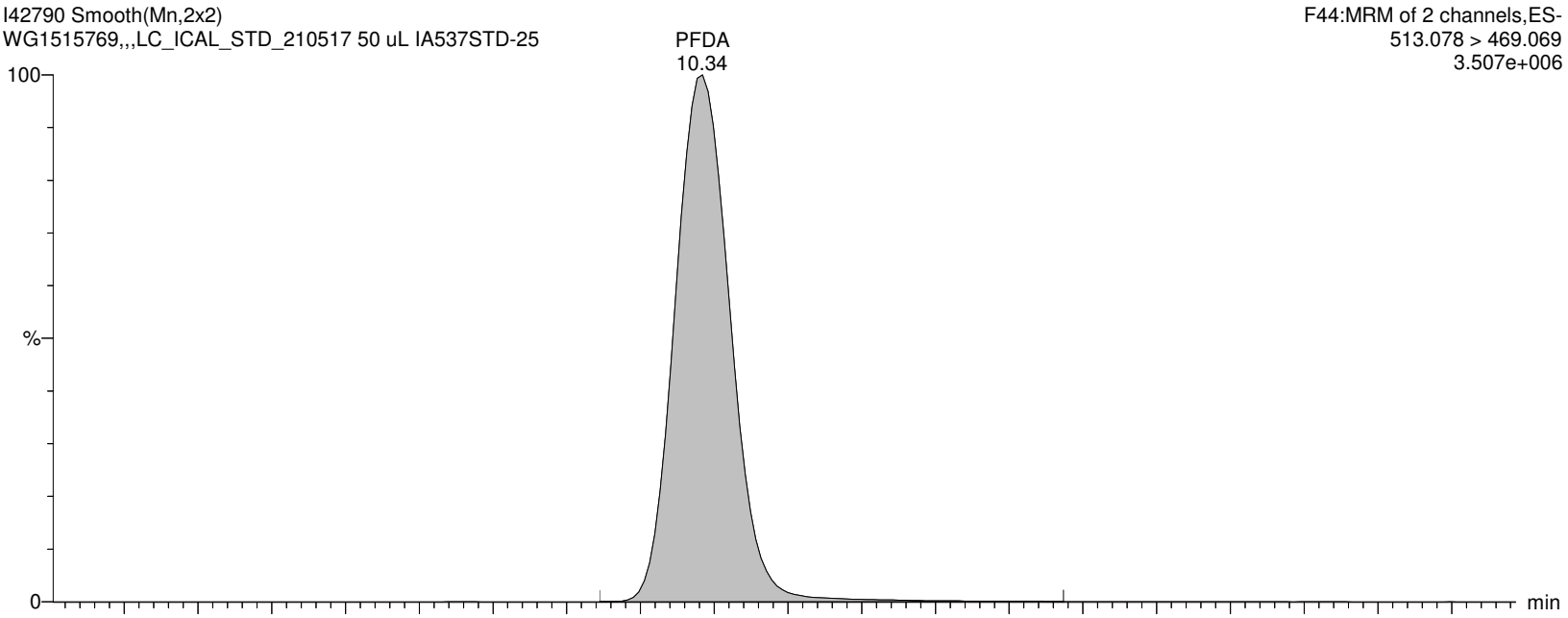


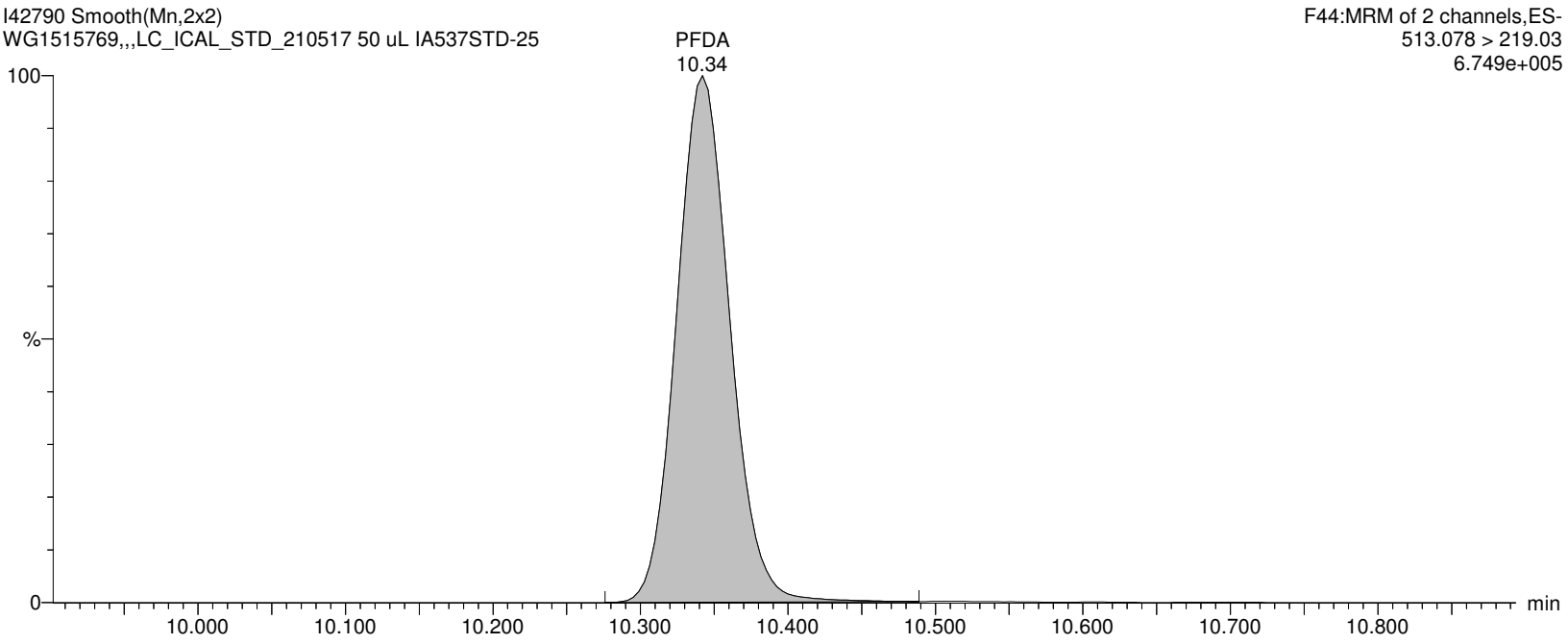
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDA



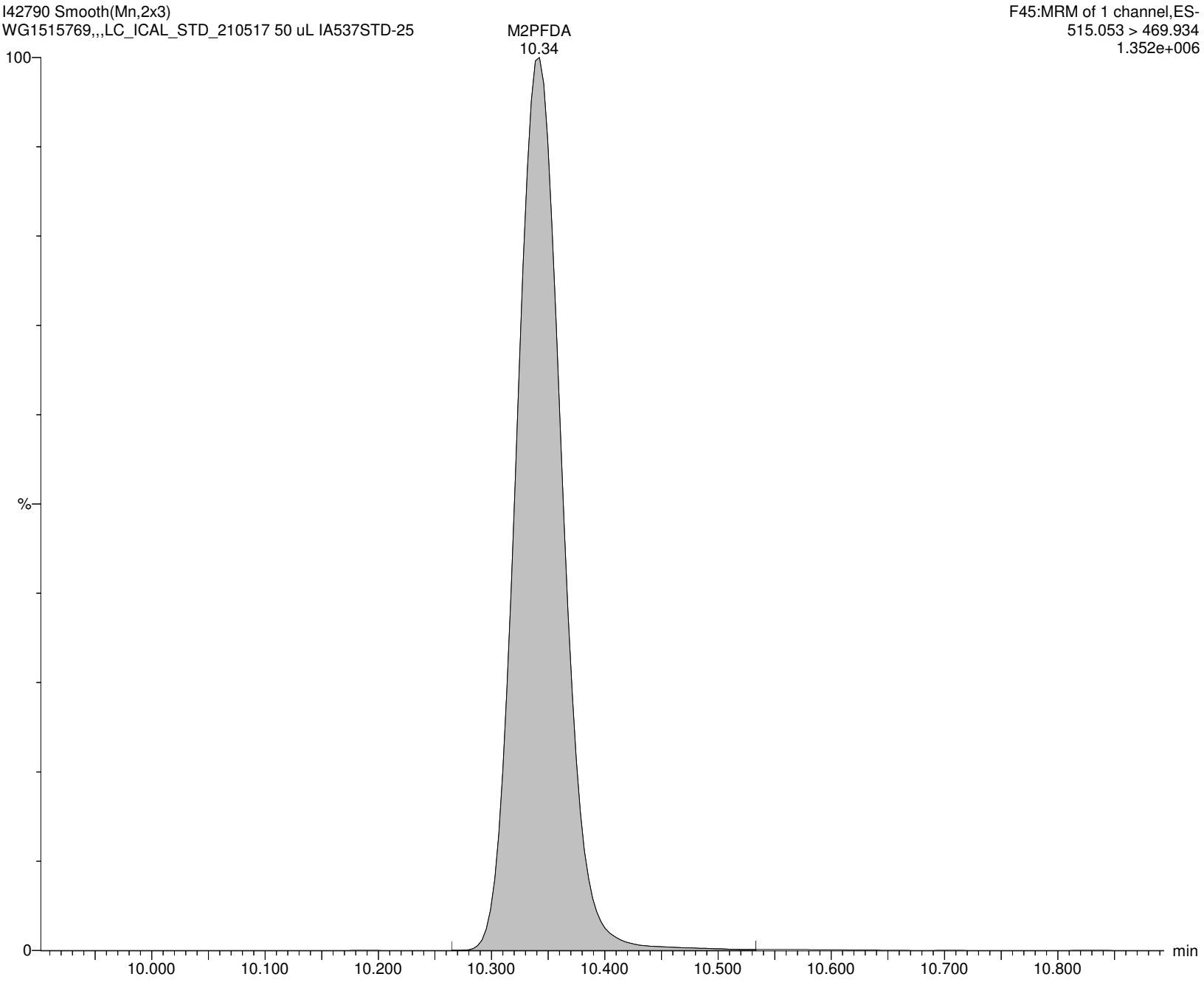


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFDA

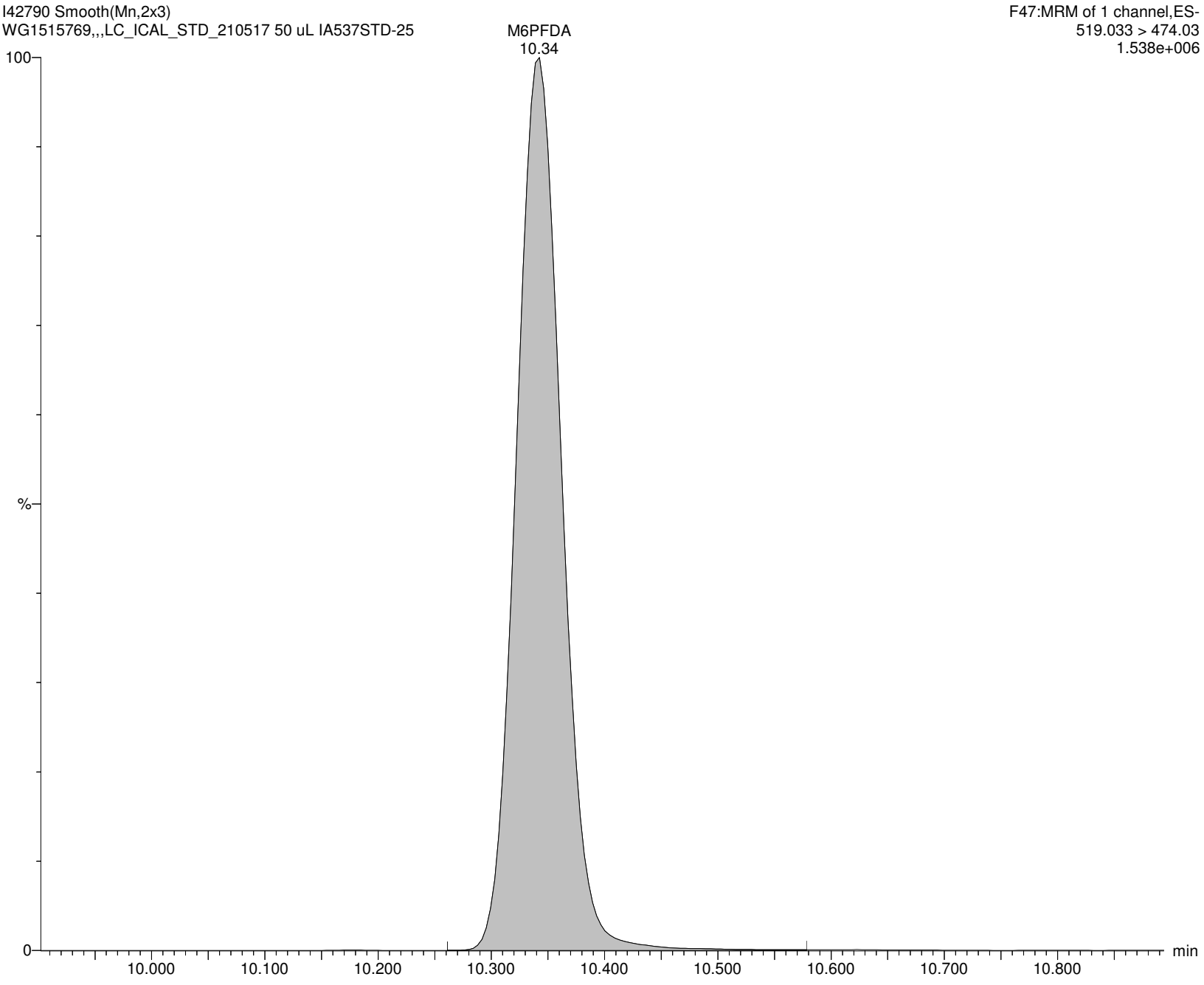


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M6PFDA

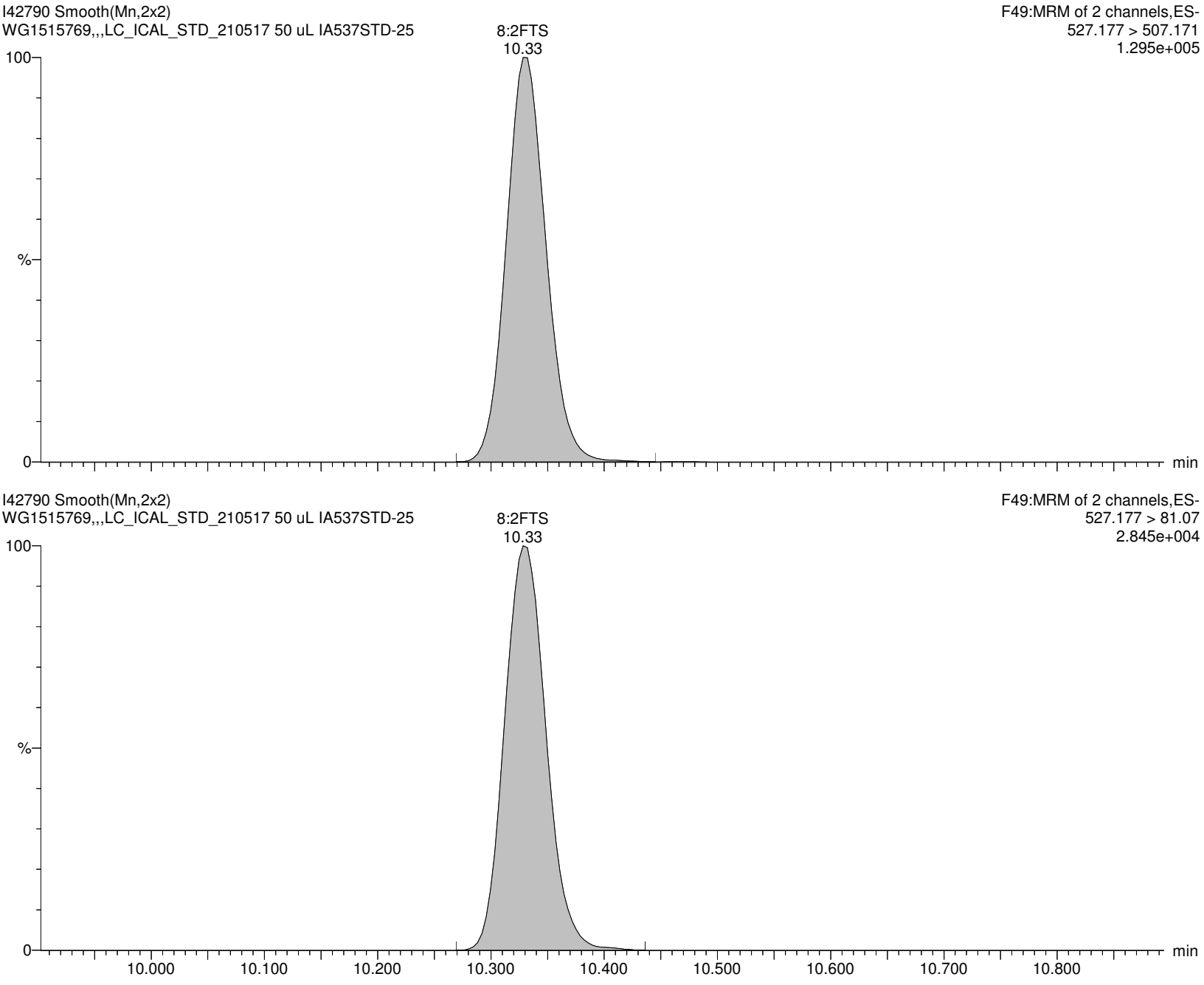


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

8:2FTS

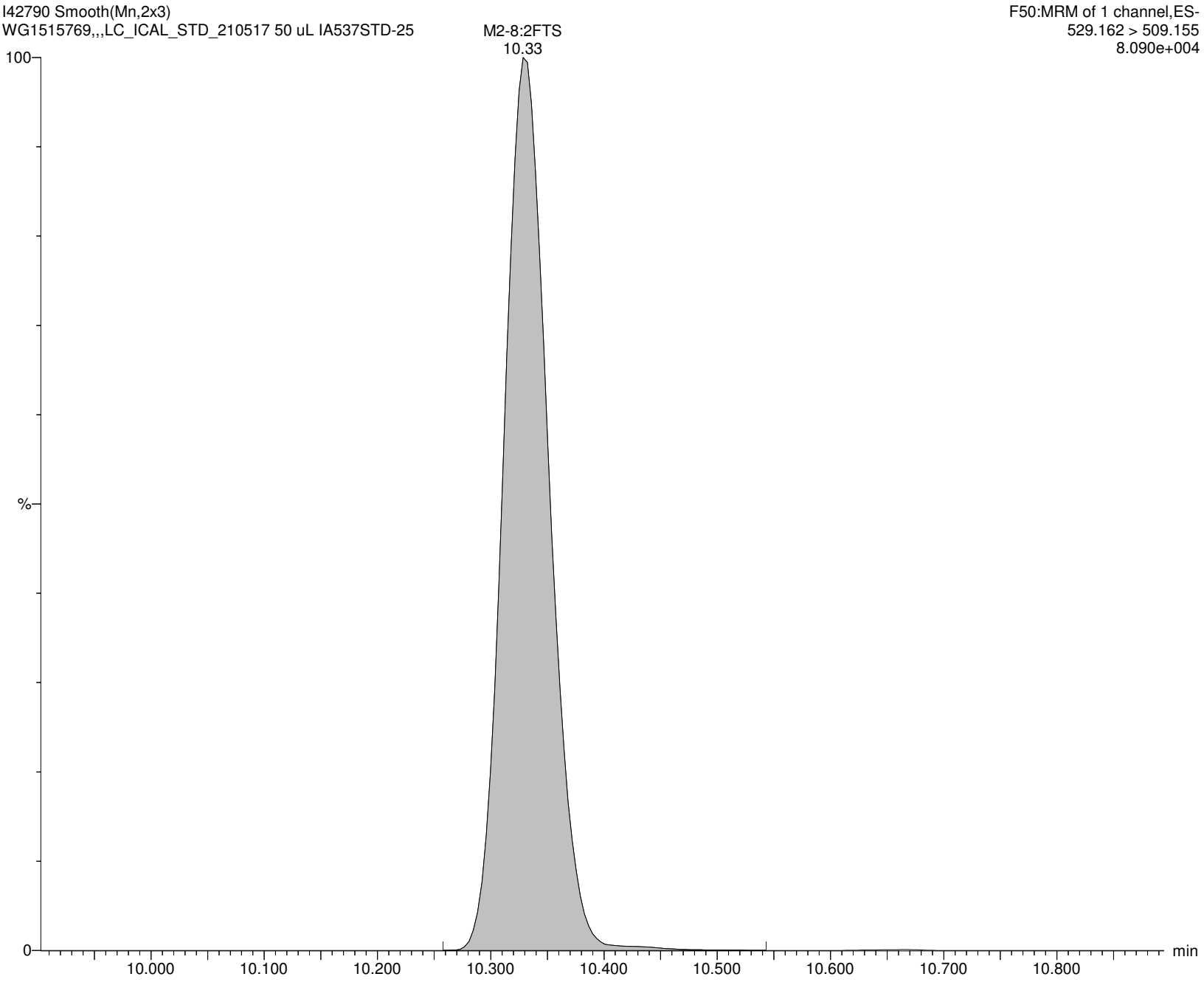


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-8:2FTS

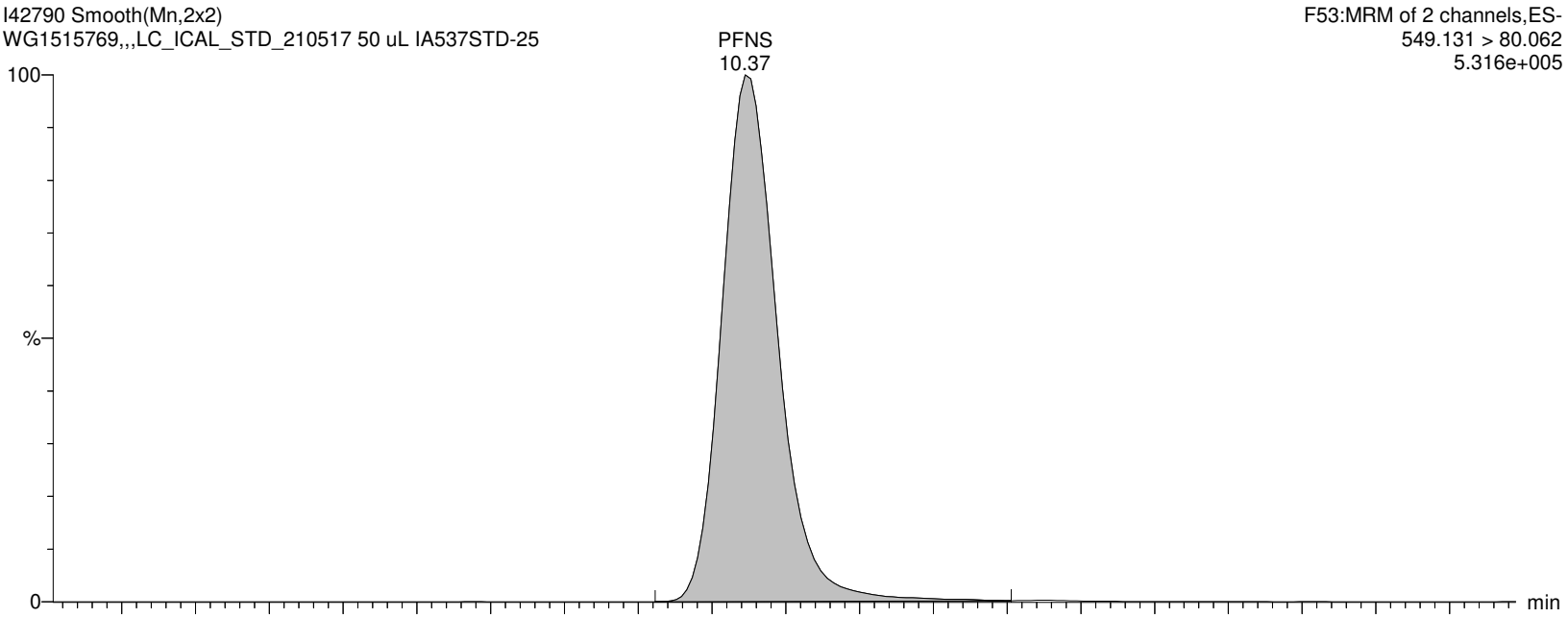


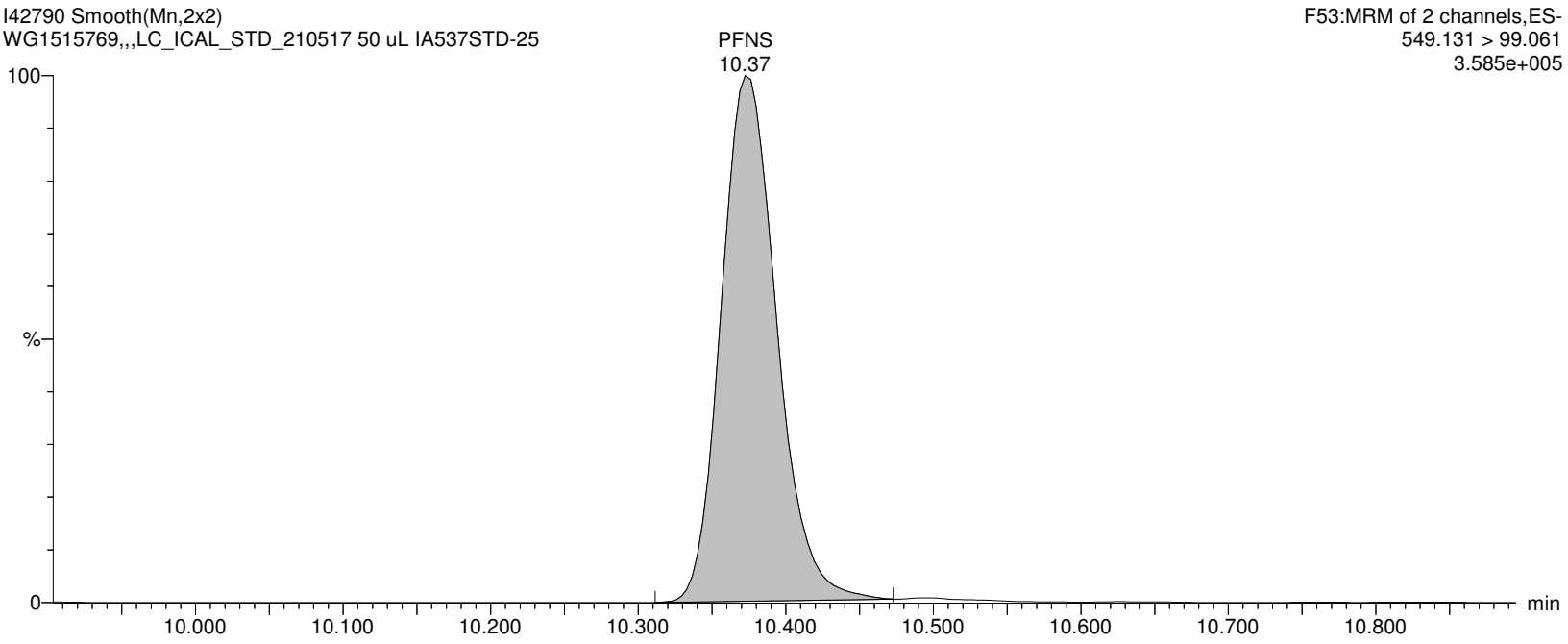
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNS



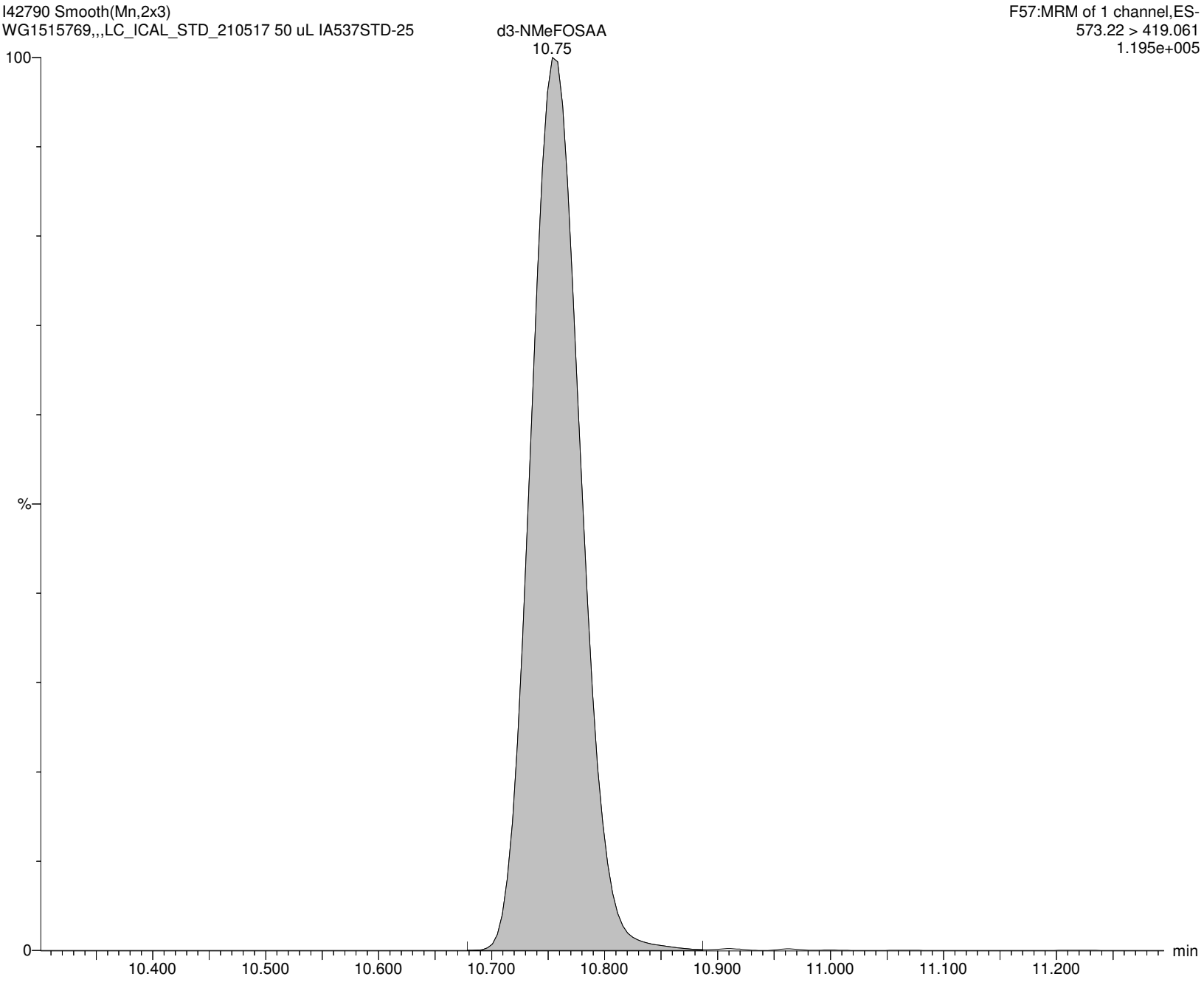


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSAA

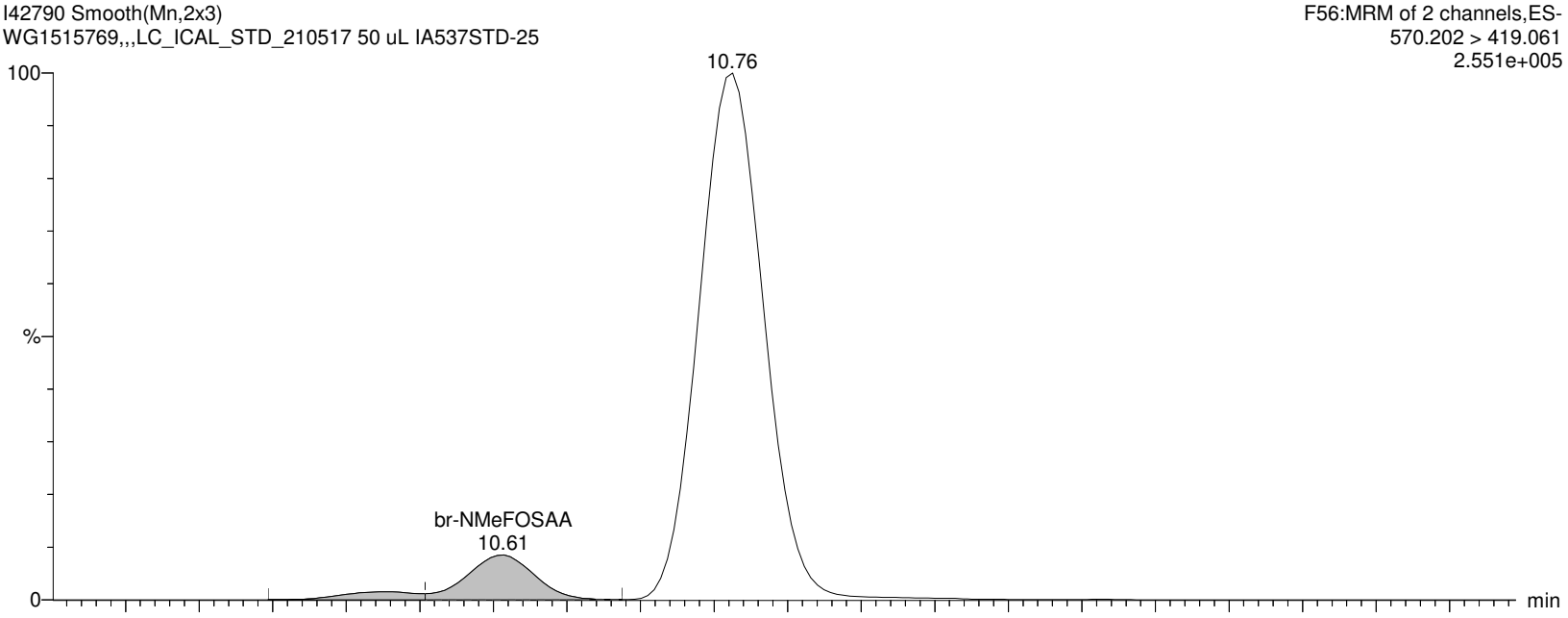


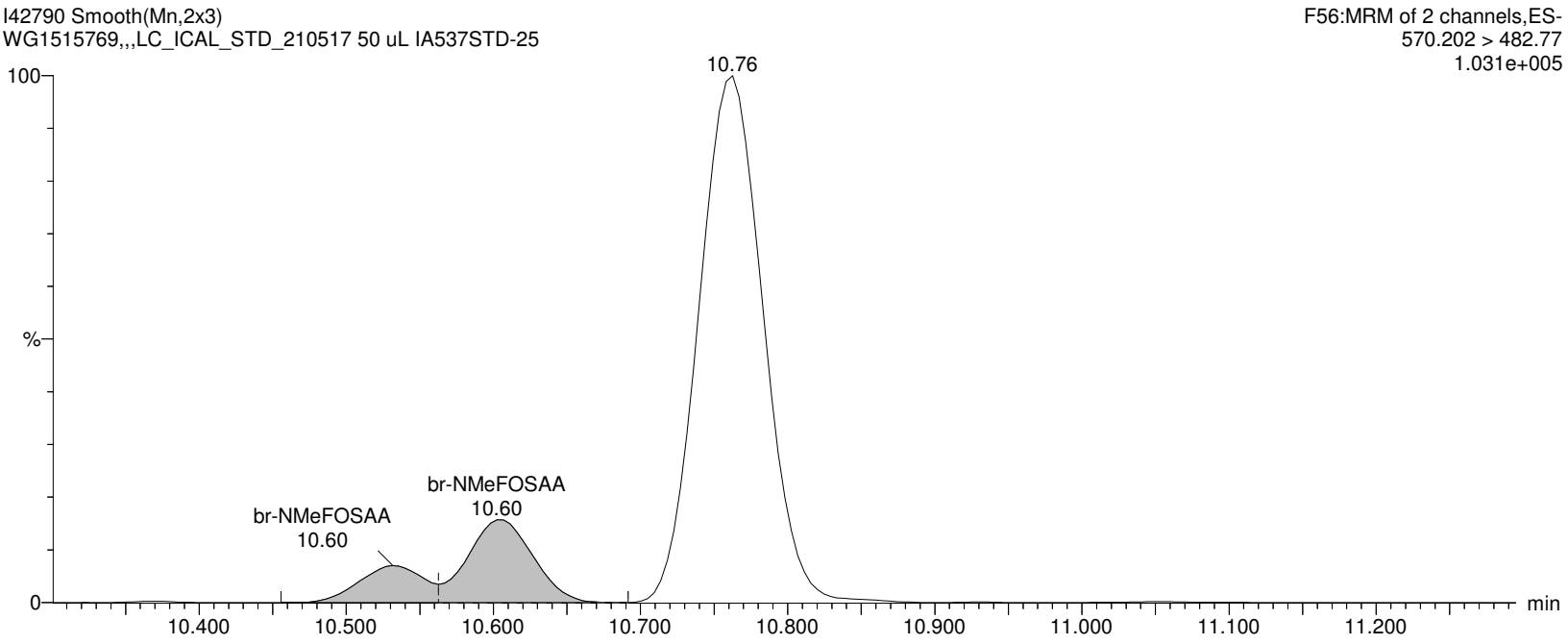
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NMeFOSAA



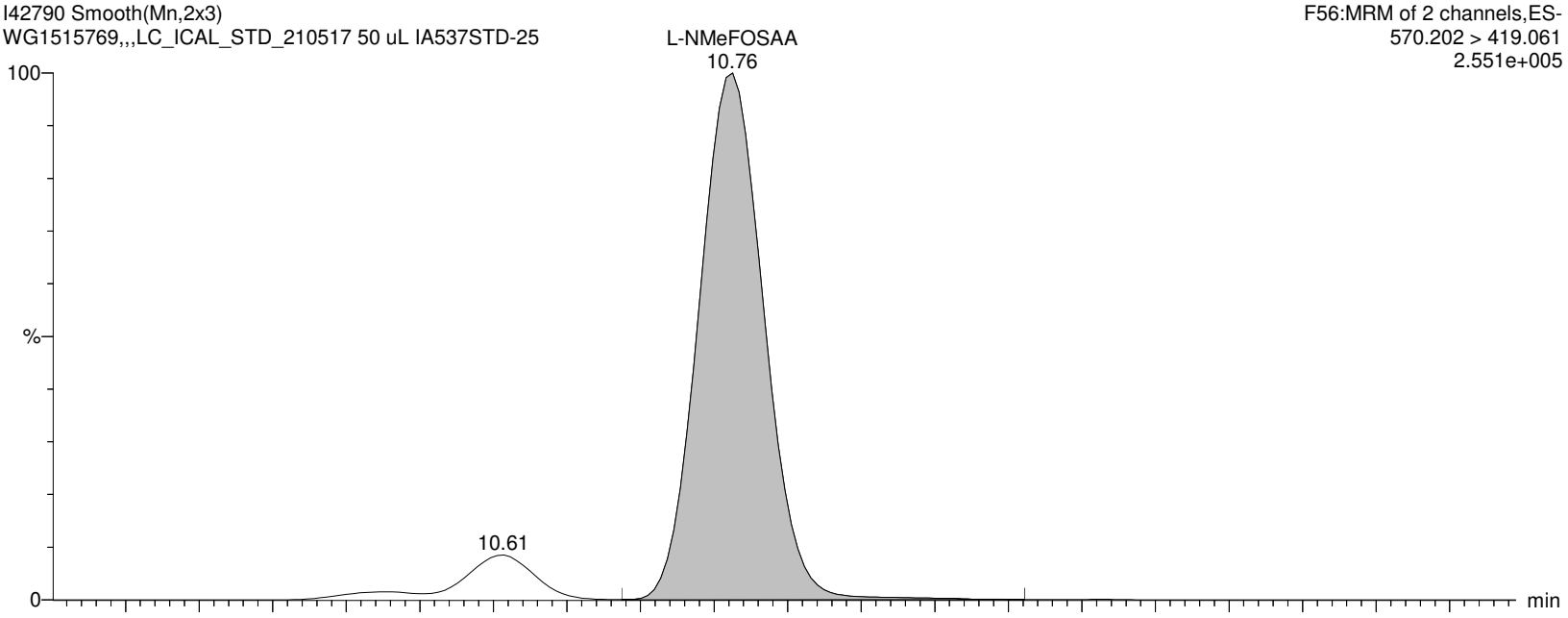


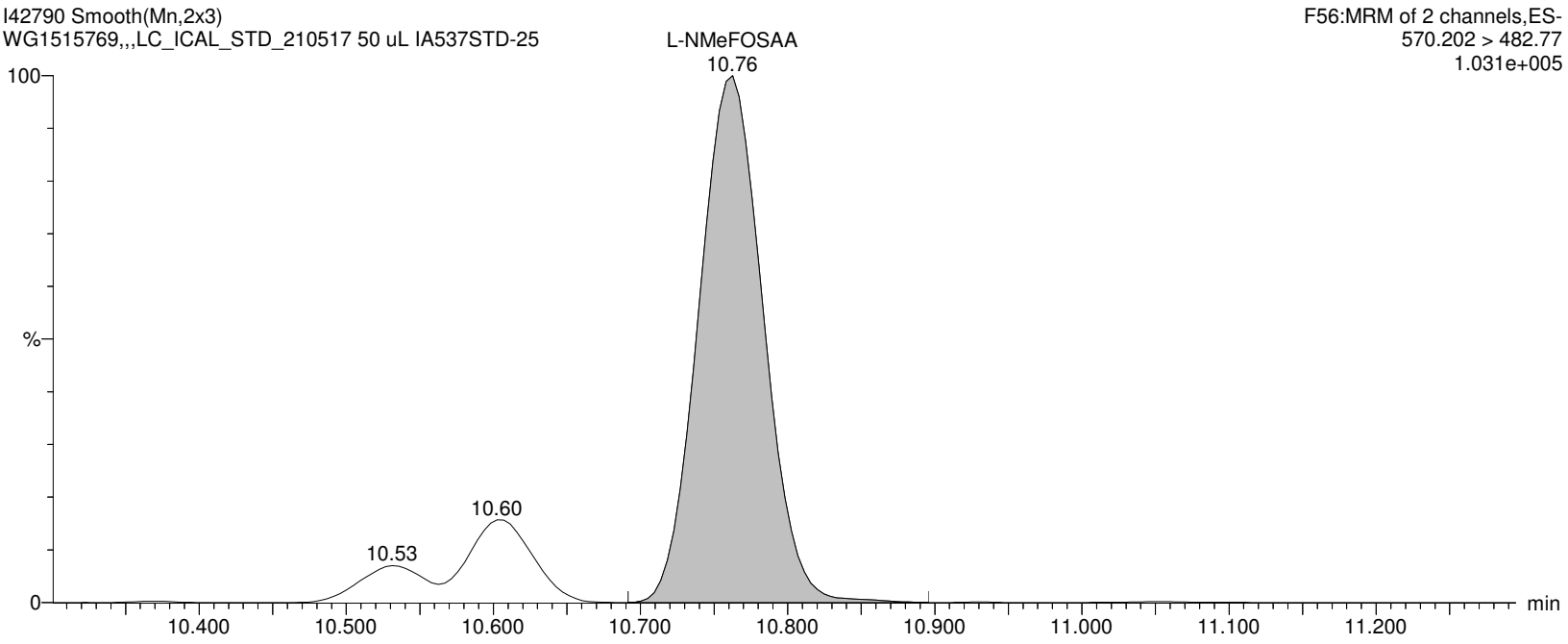
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NMeFOSAA



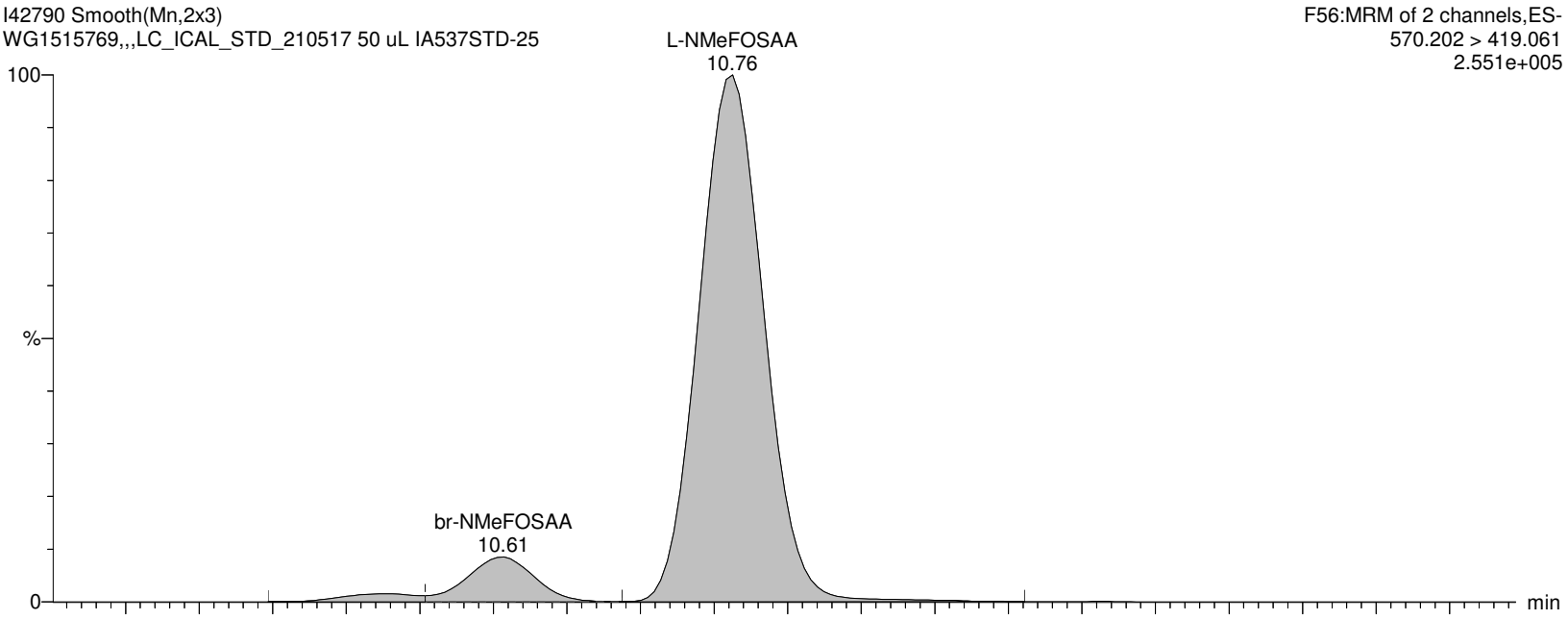


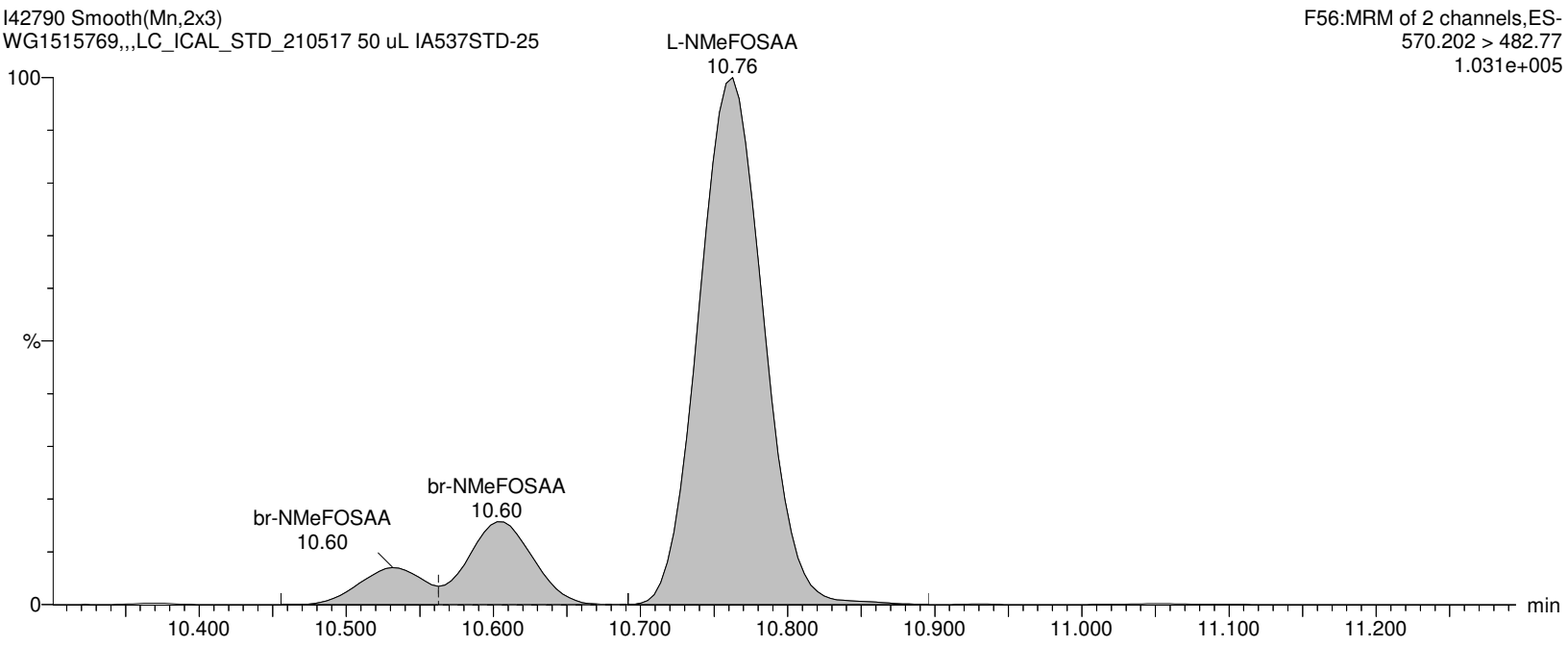
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSAA



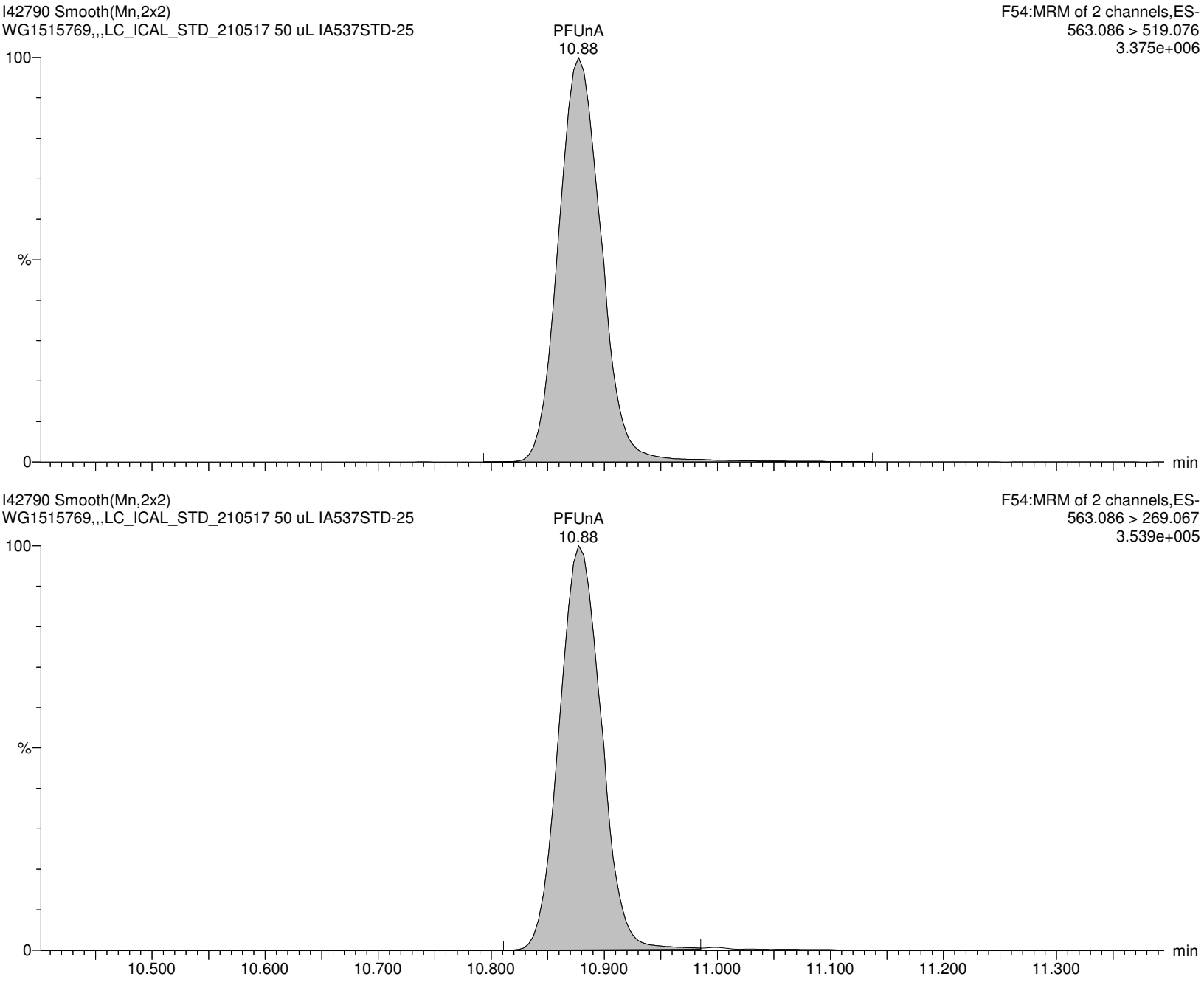


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFUnA

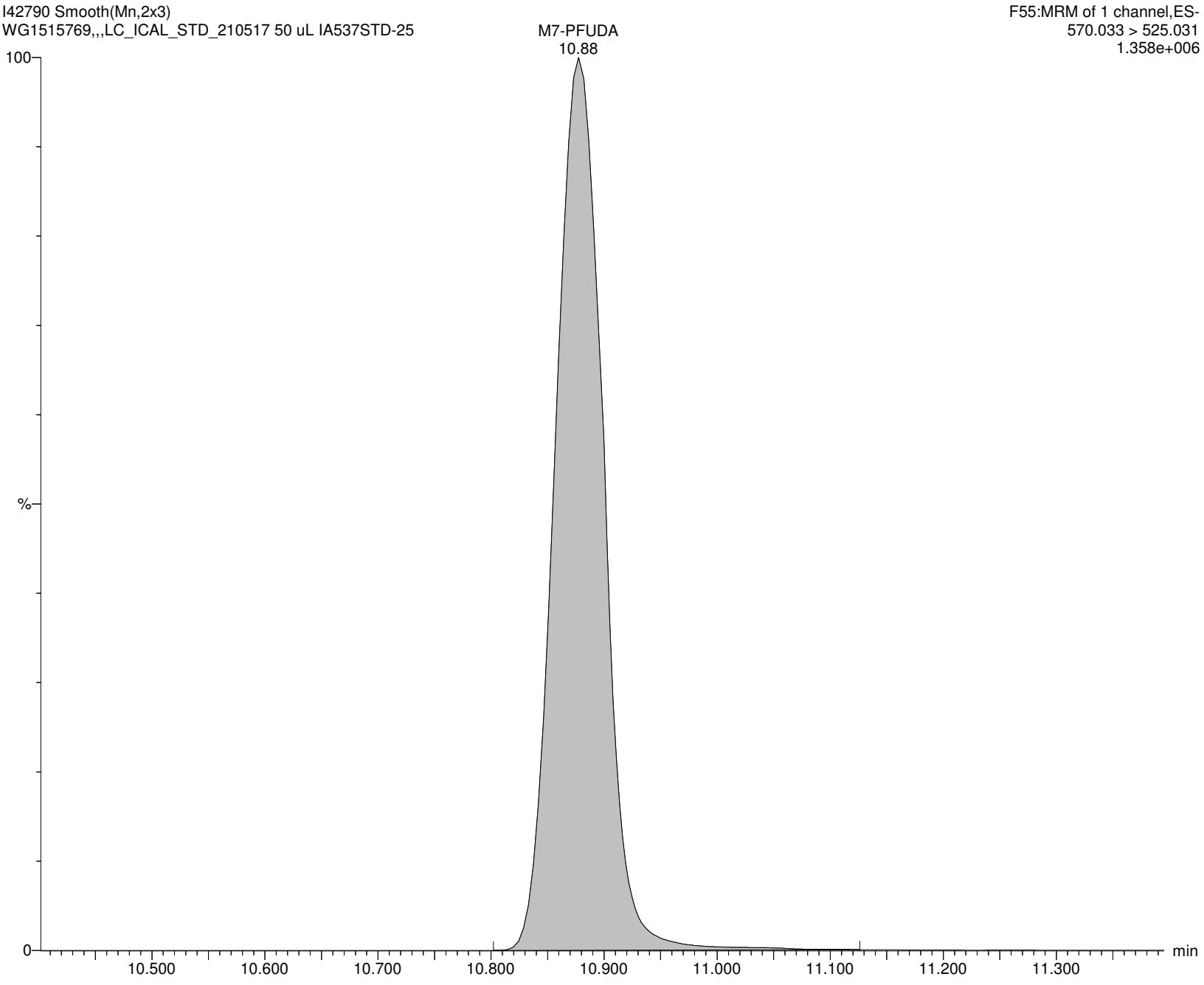


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M7-PFUDA

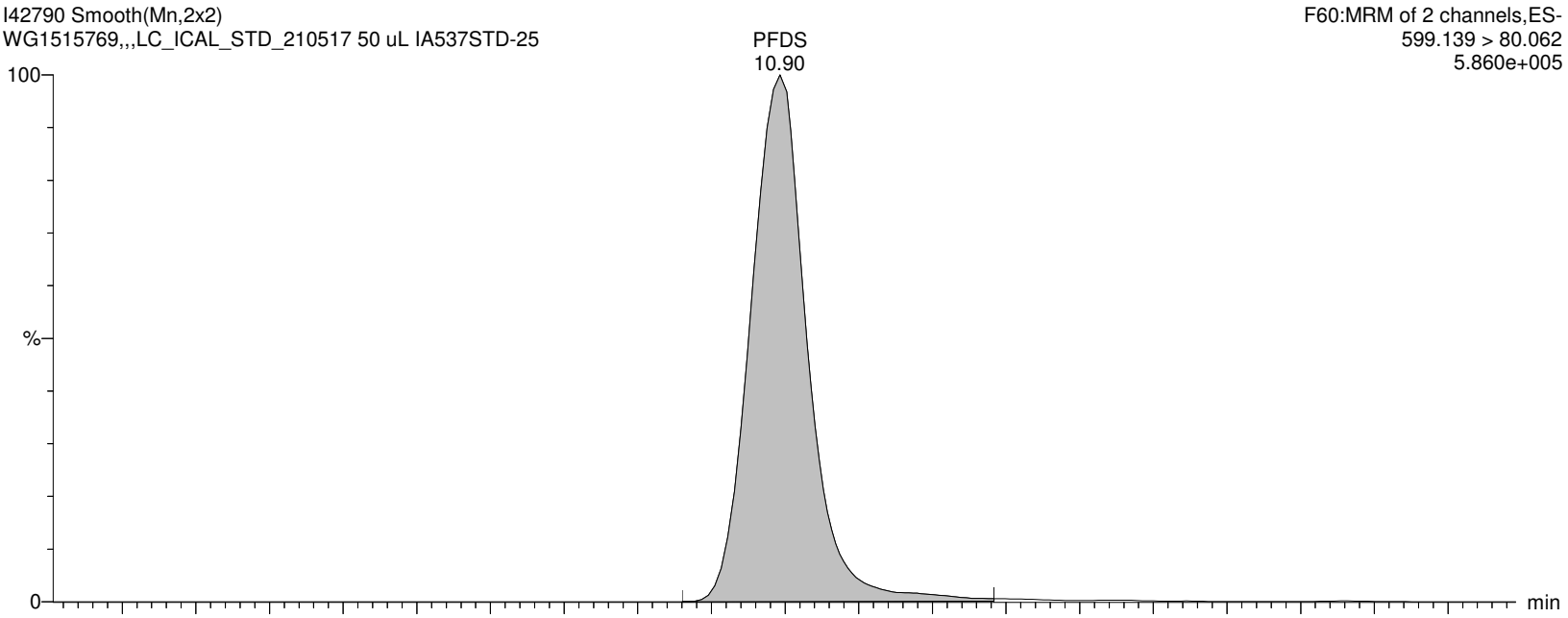


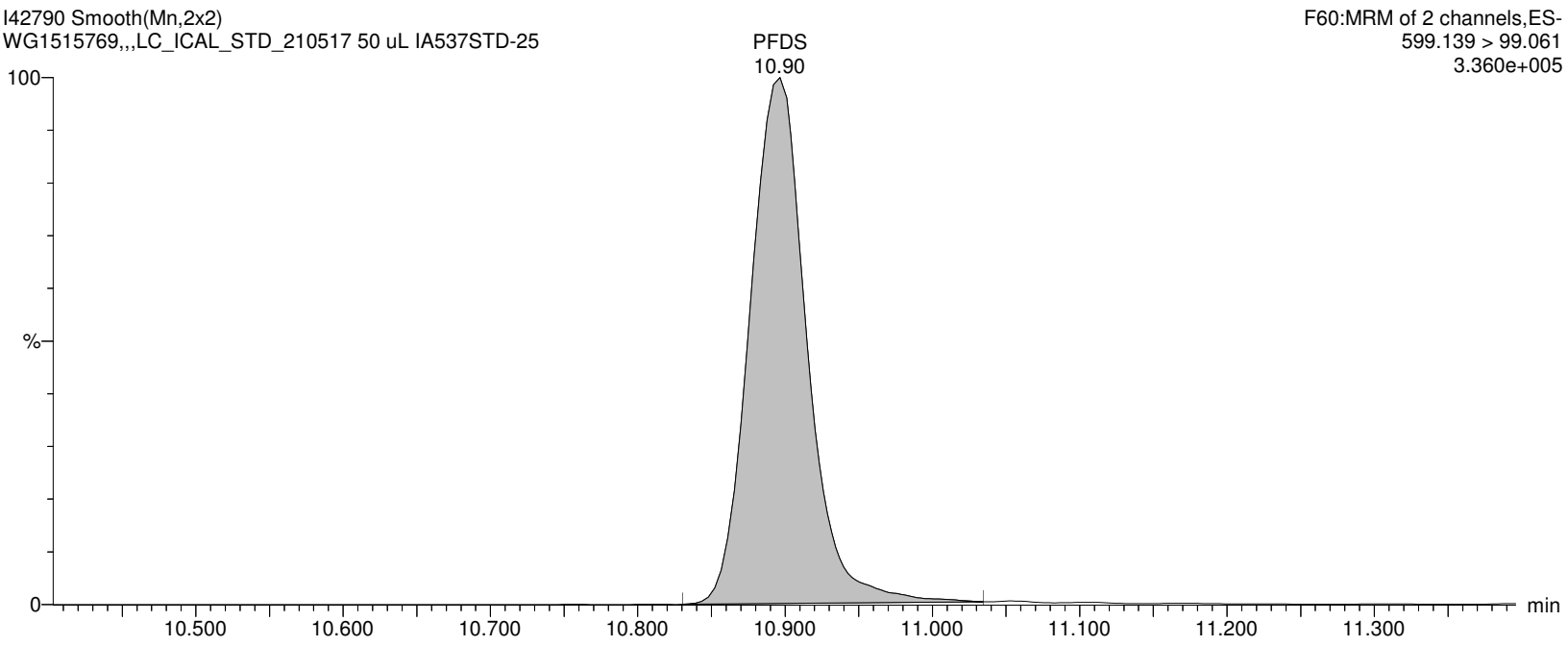
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDS



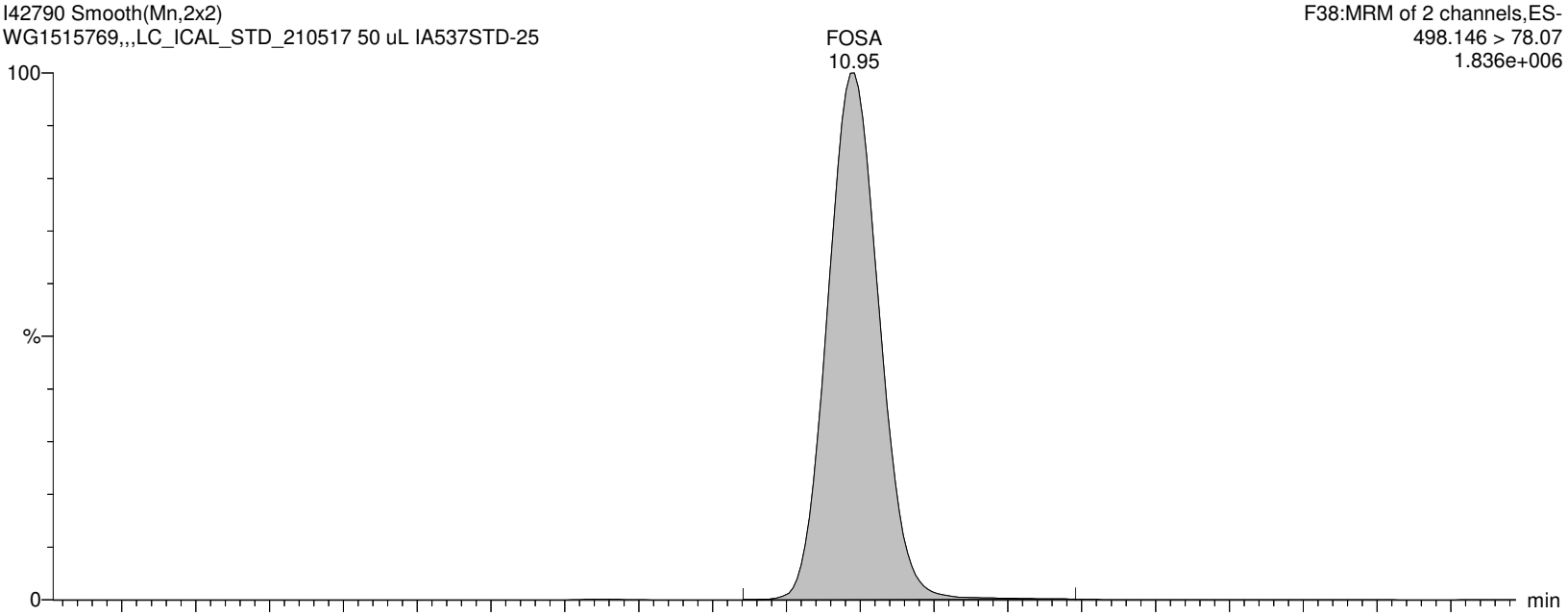


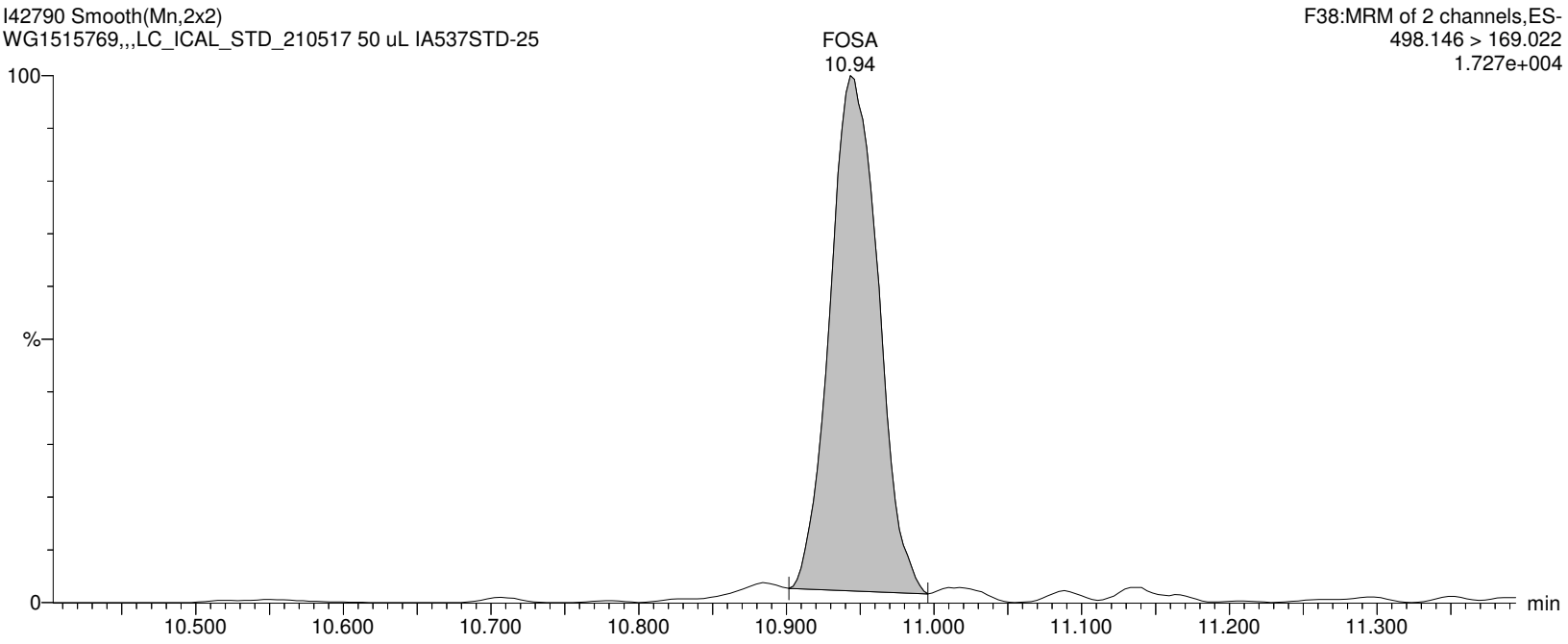
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

FOSA



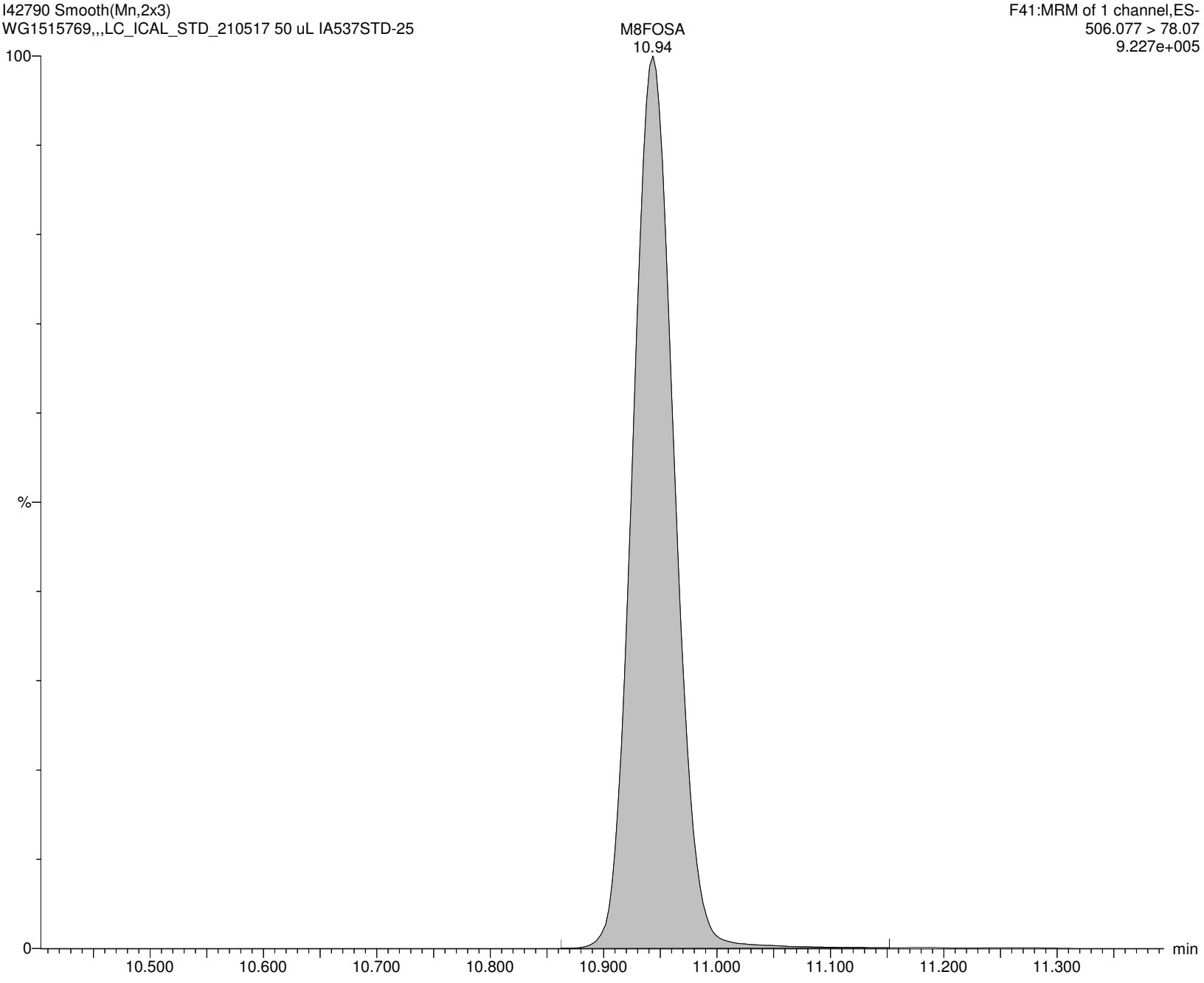


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8FOSA

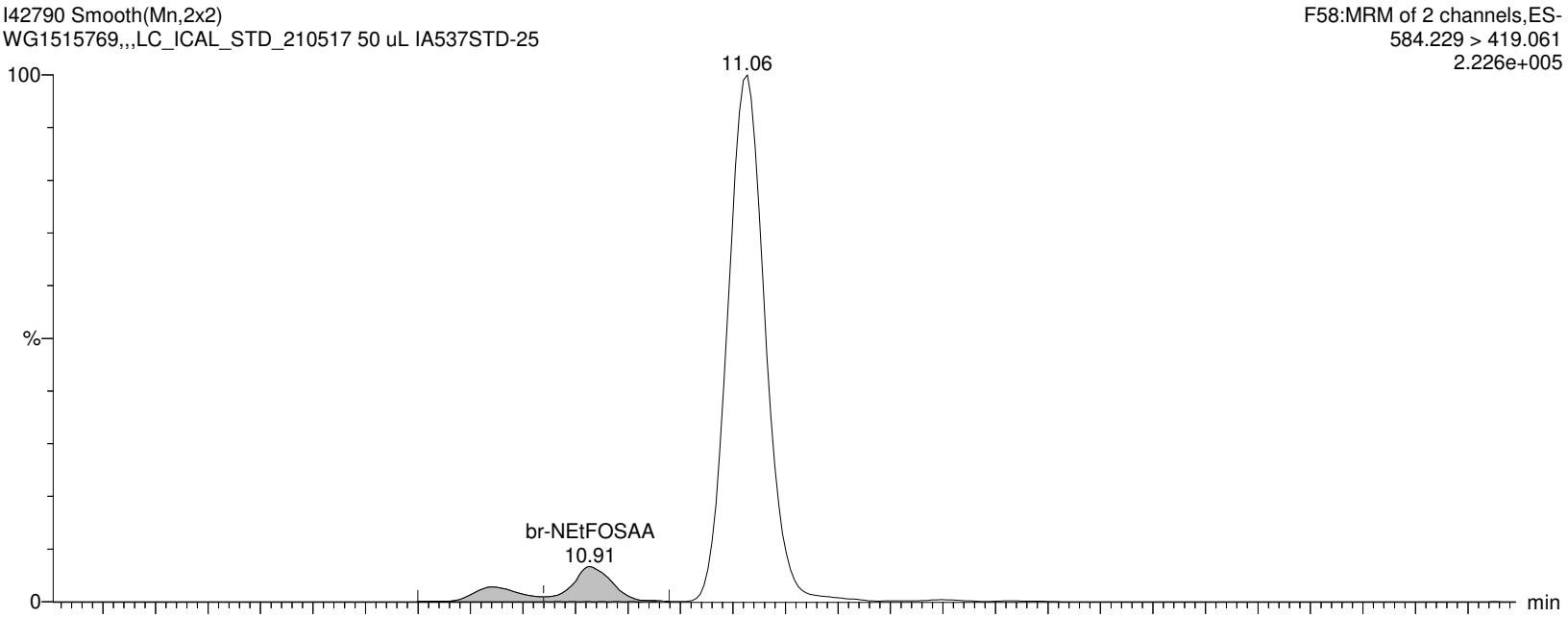


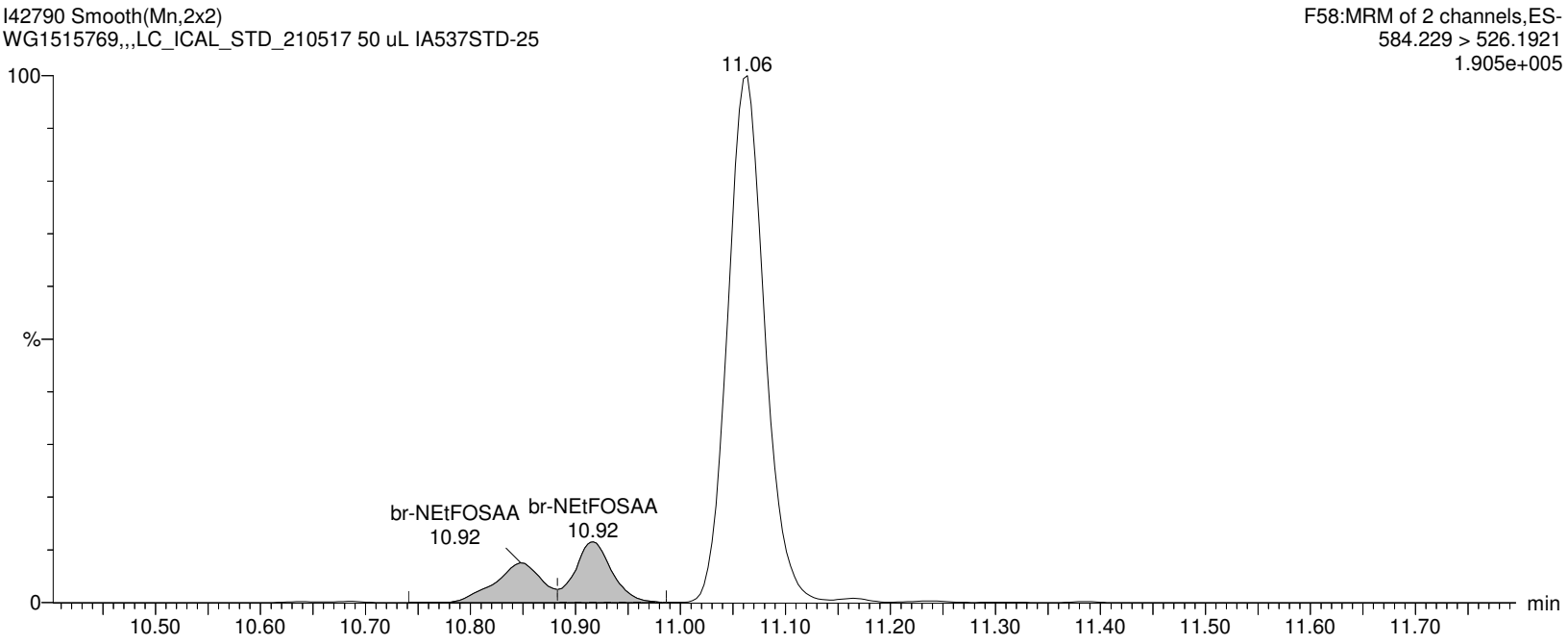
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NEtFOSAA



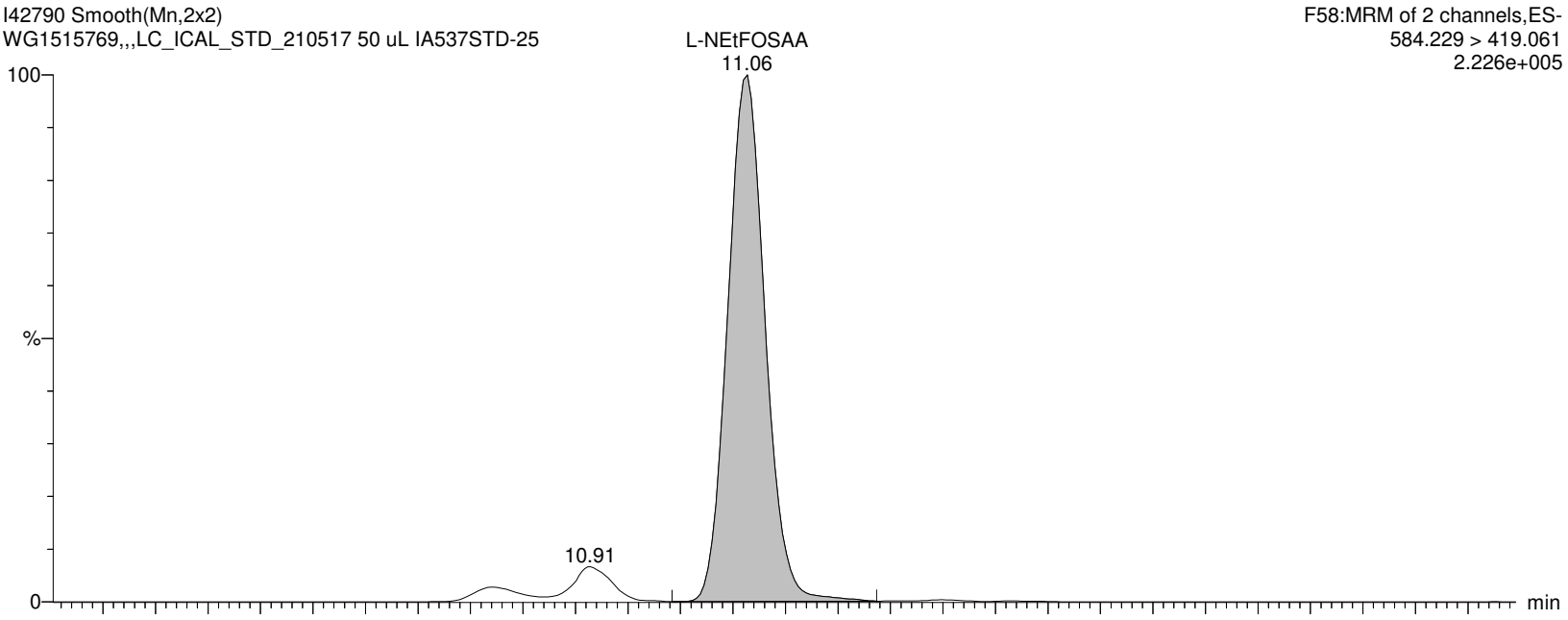


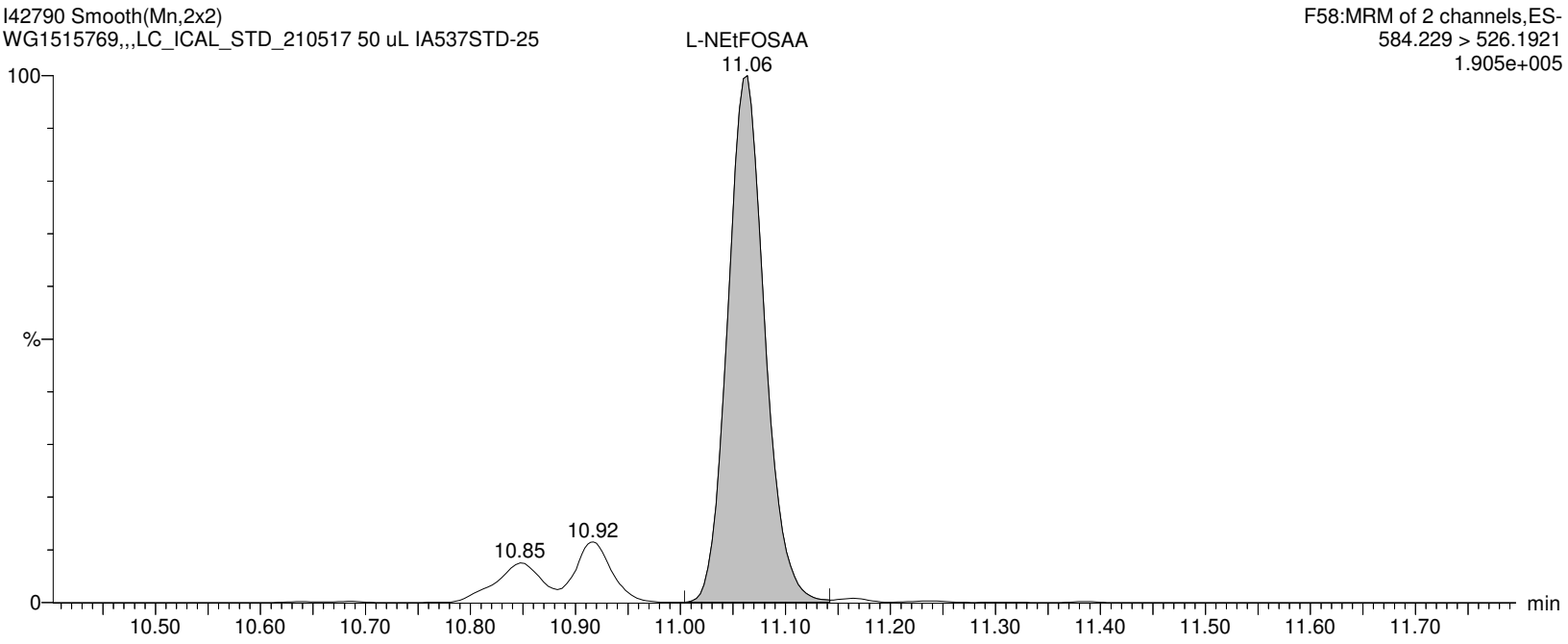
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NEtFOSAA



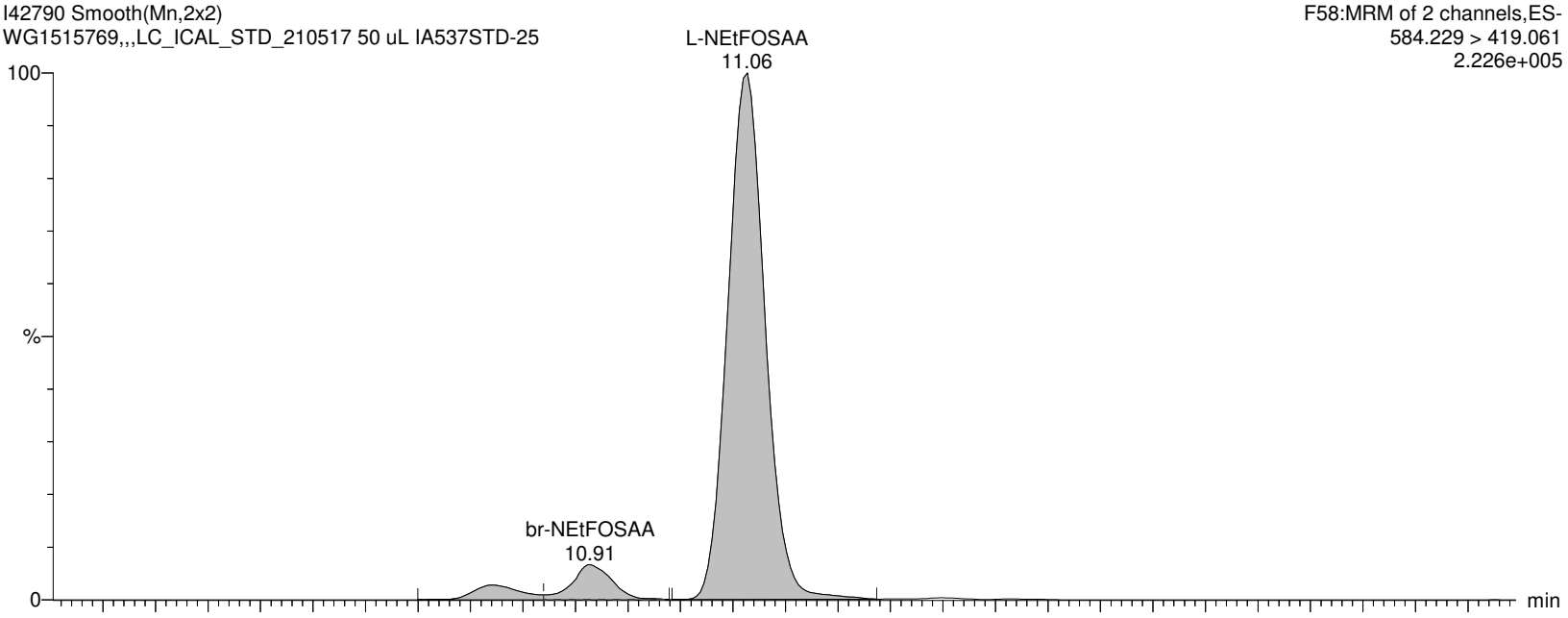


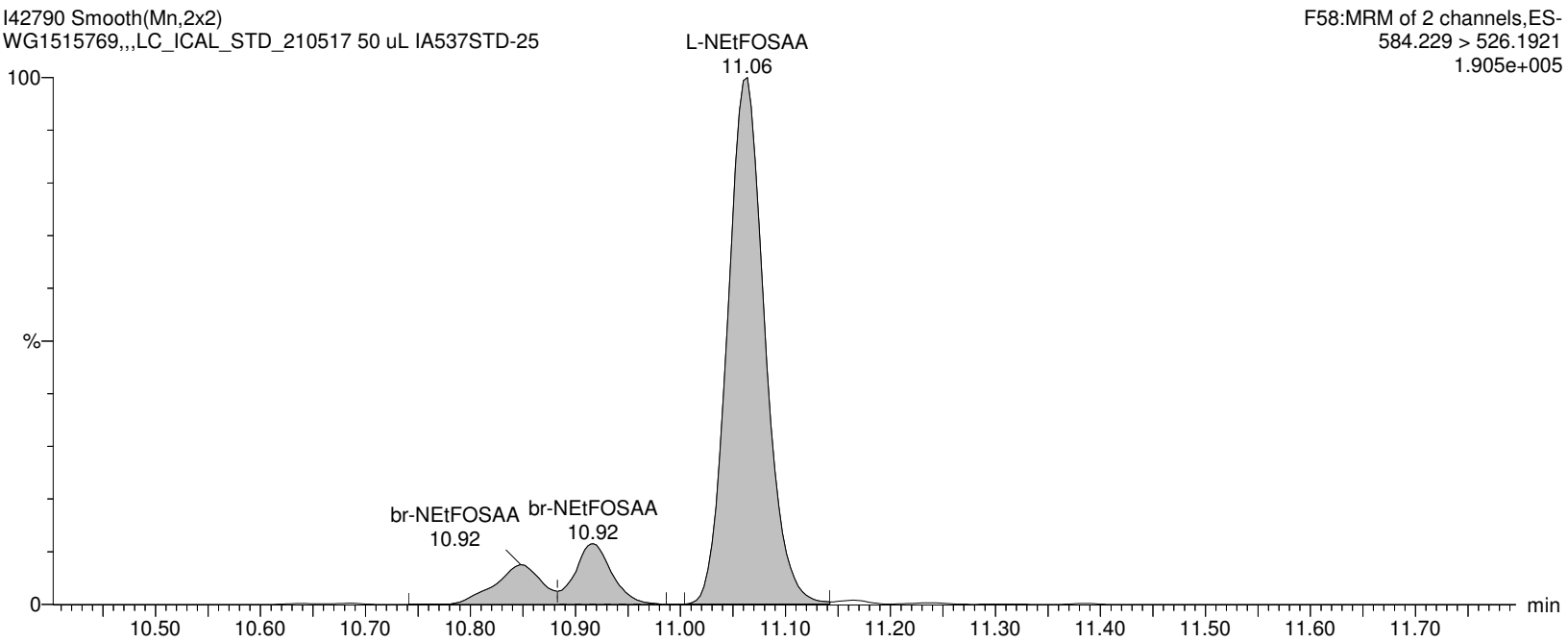
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSAA



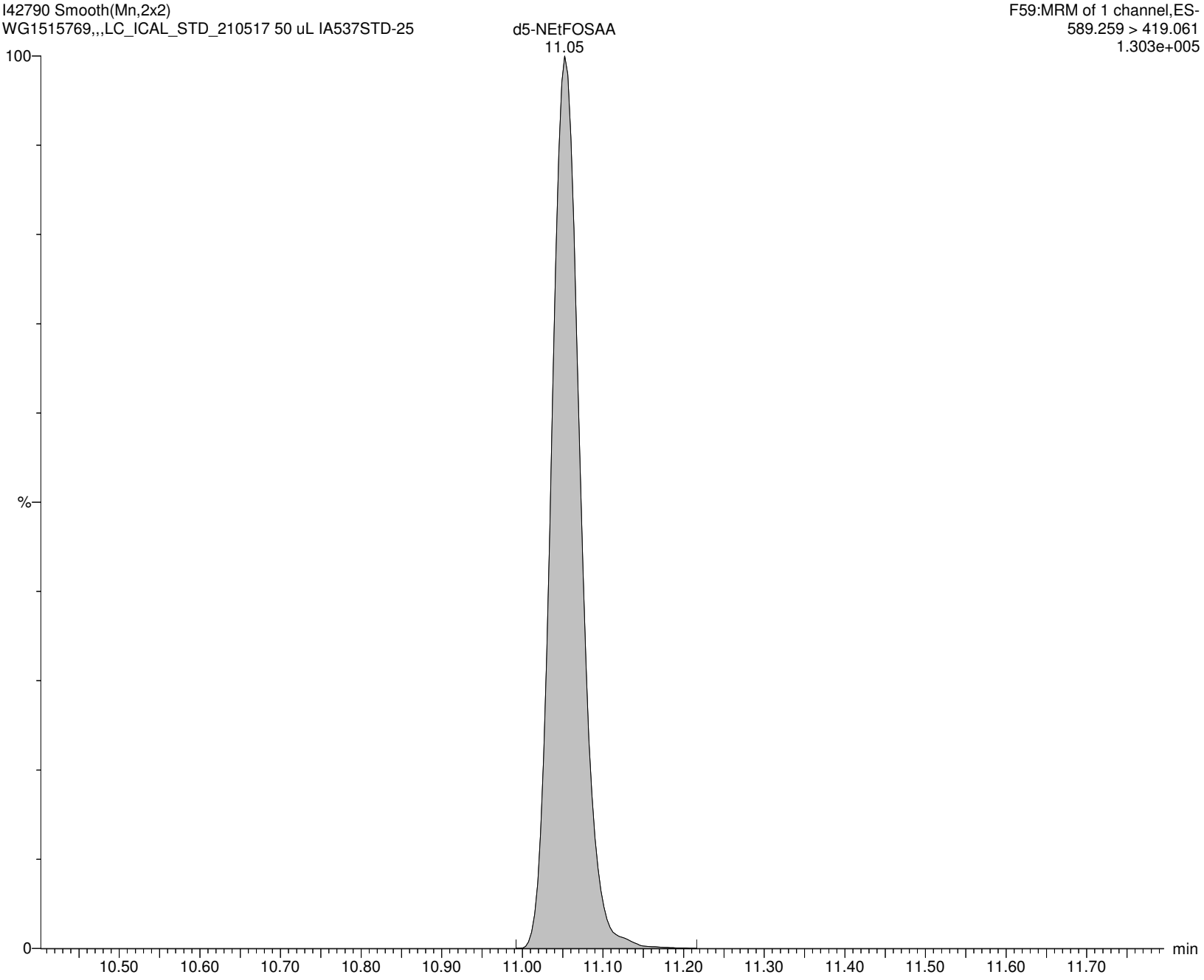


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSAA

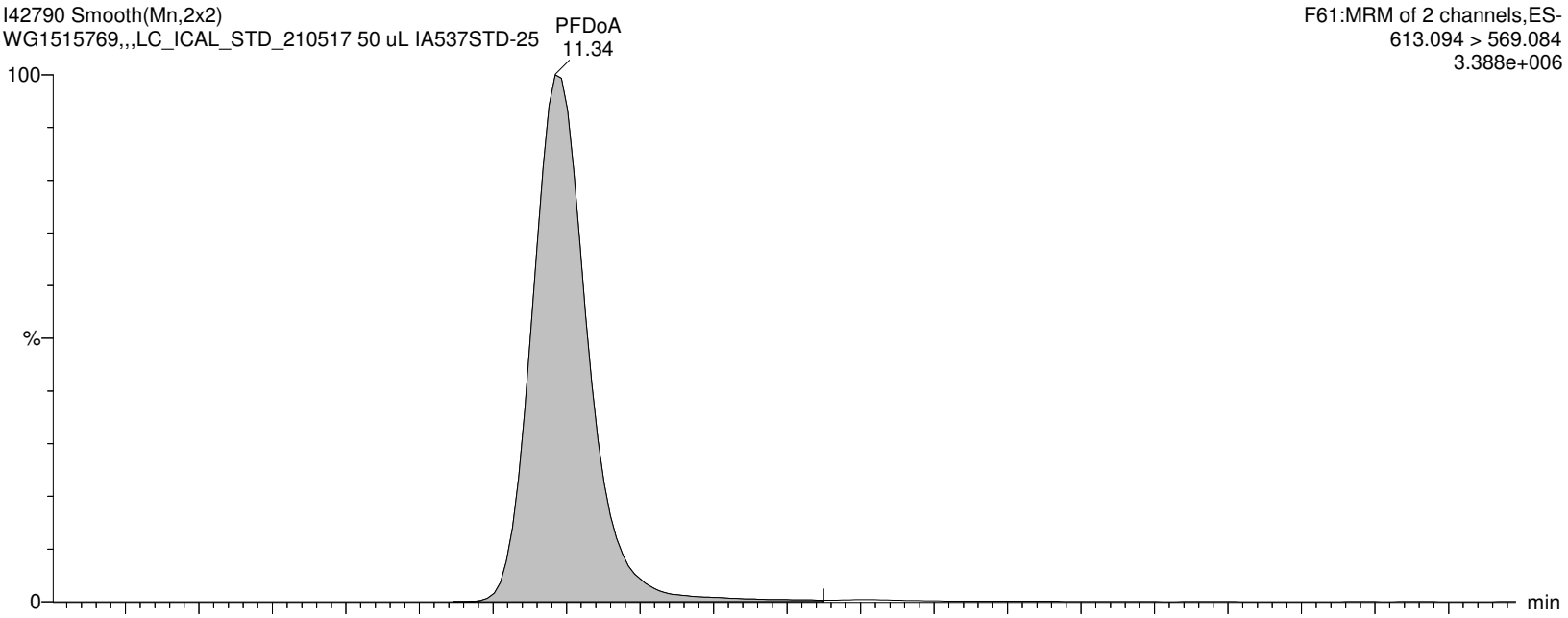


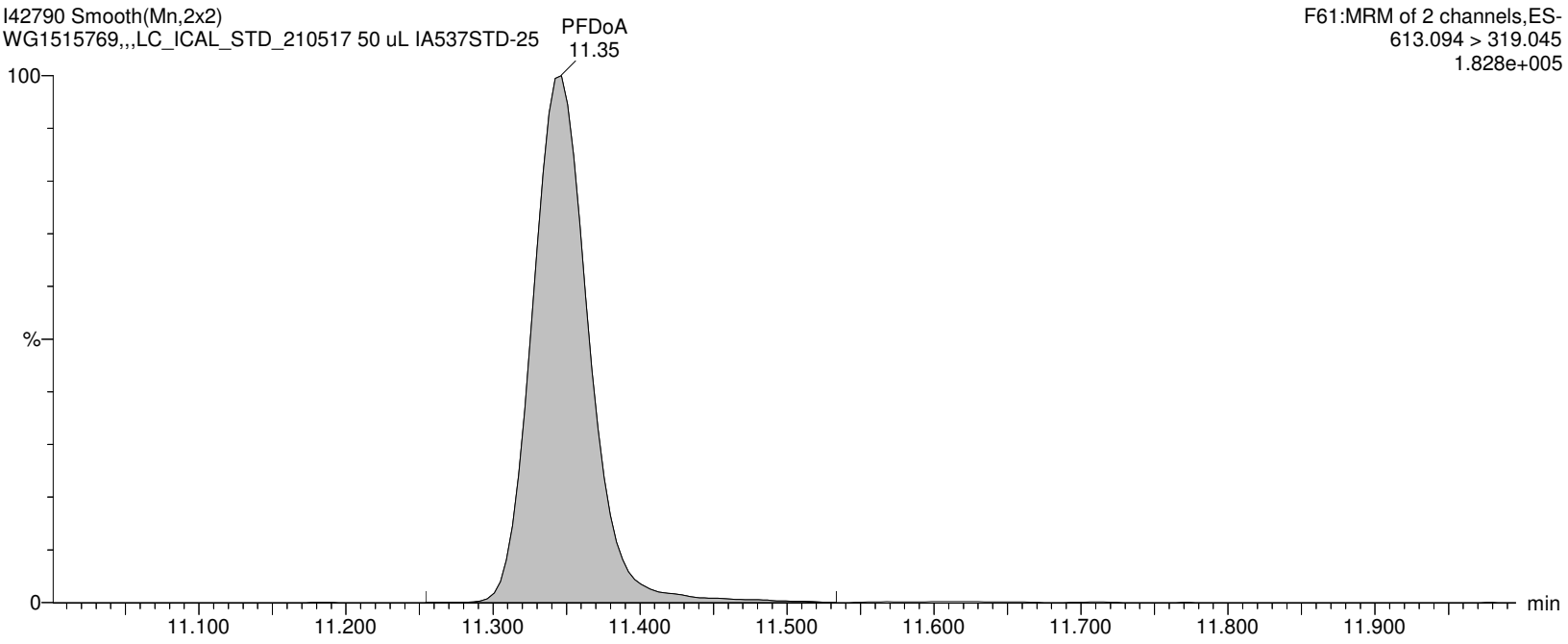
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoA



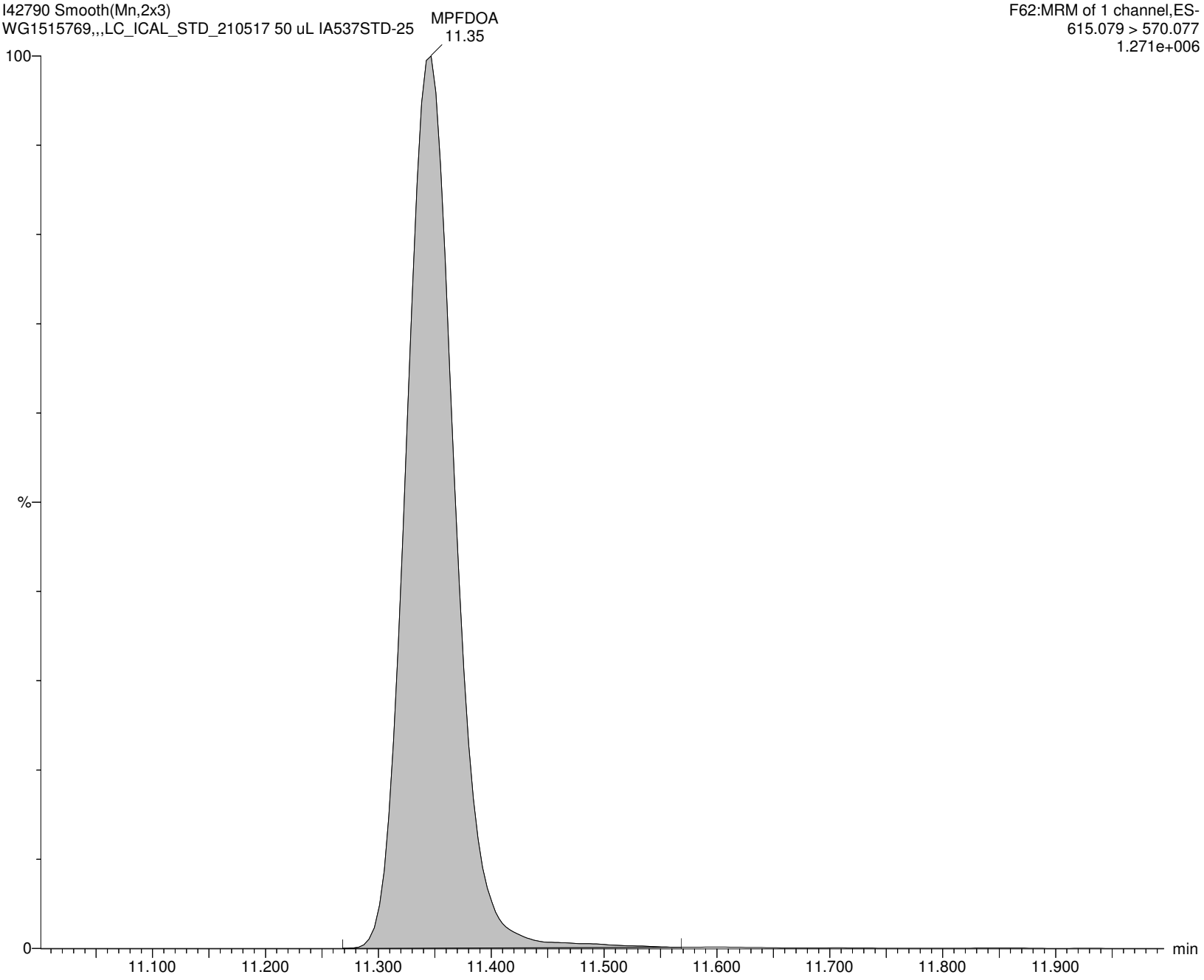


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFDOA

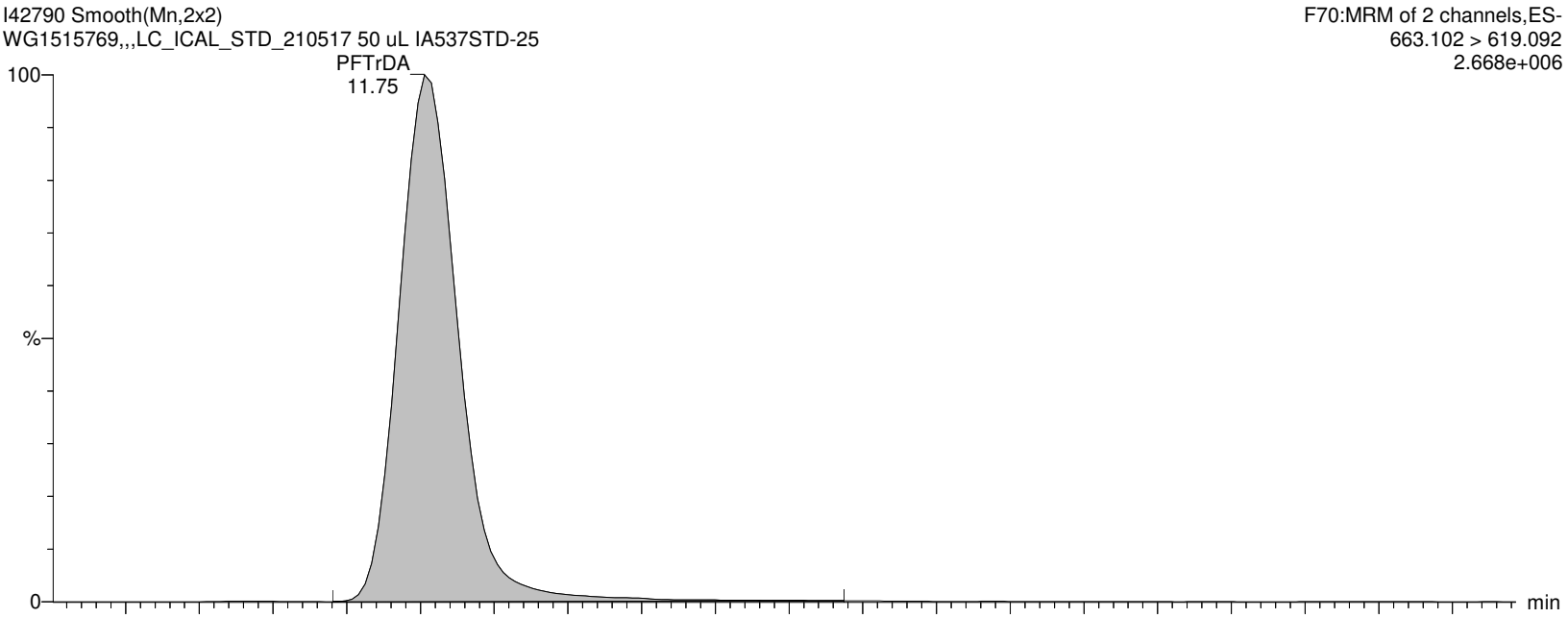


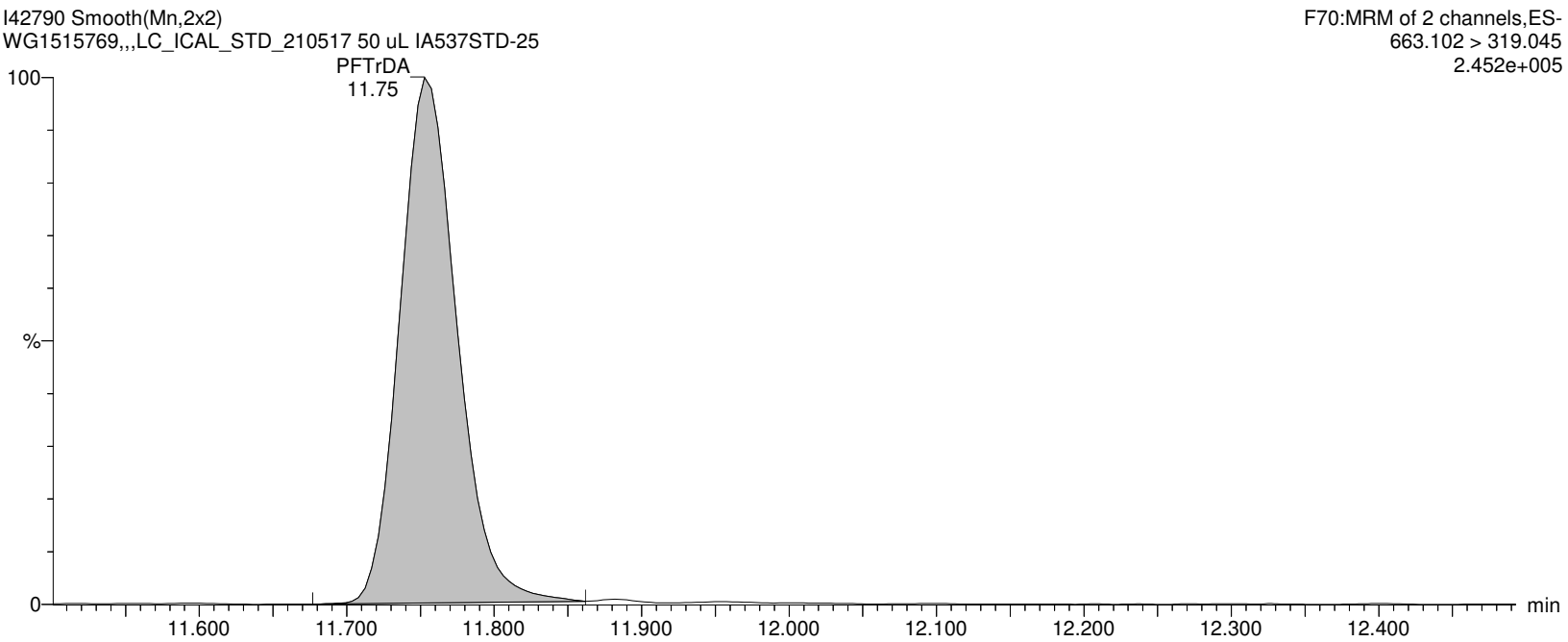
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTrDA



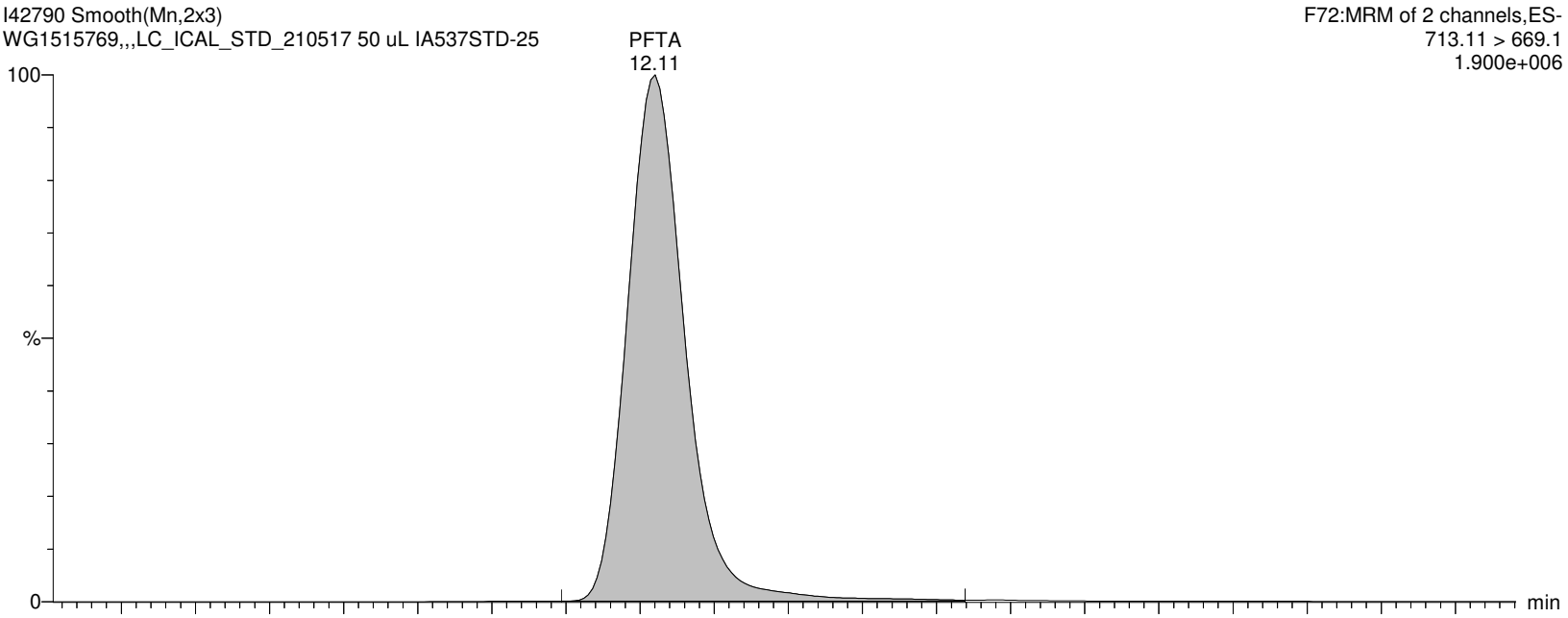


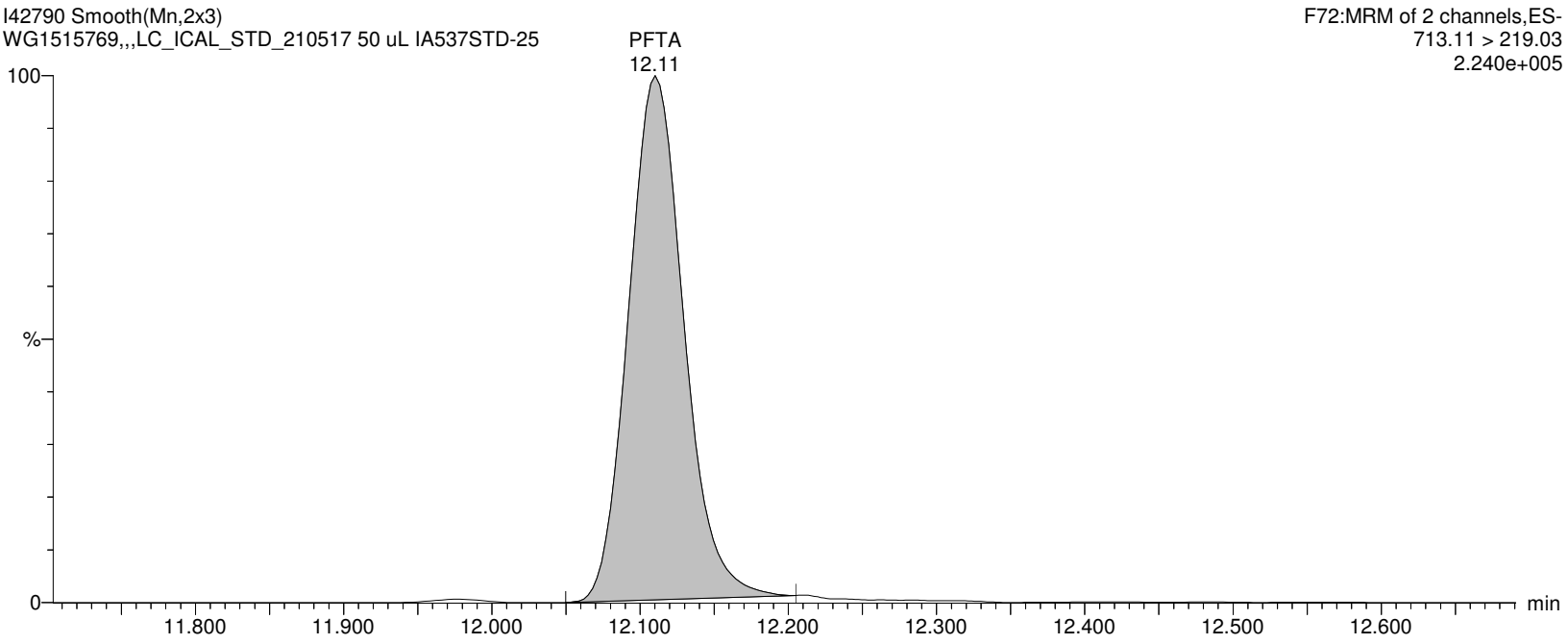
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTA



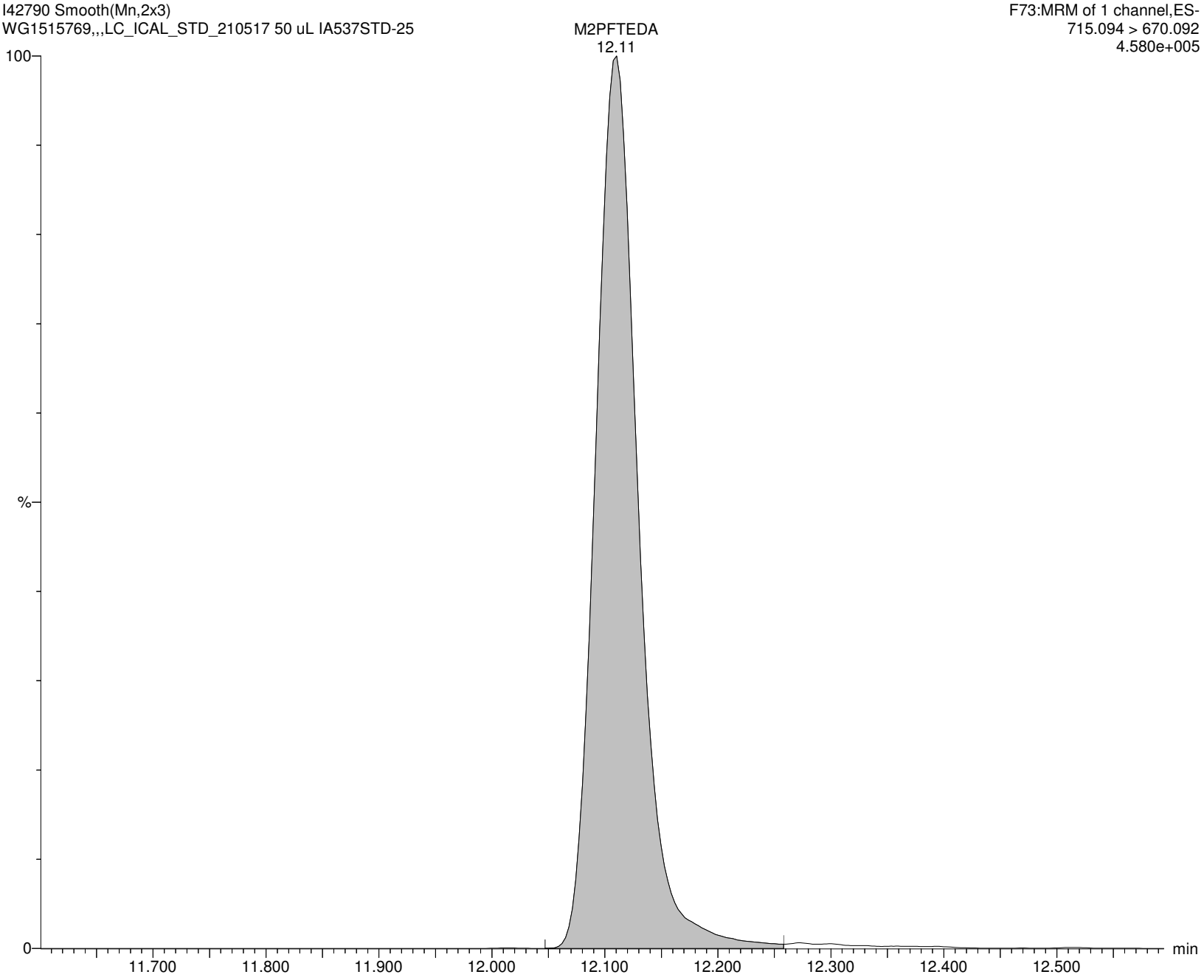


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFTEDA

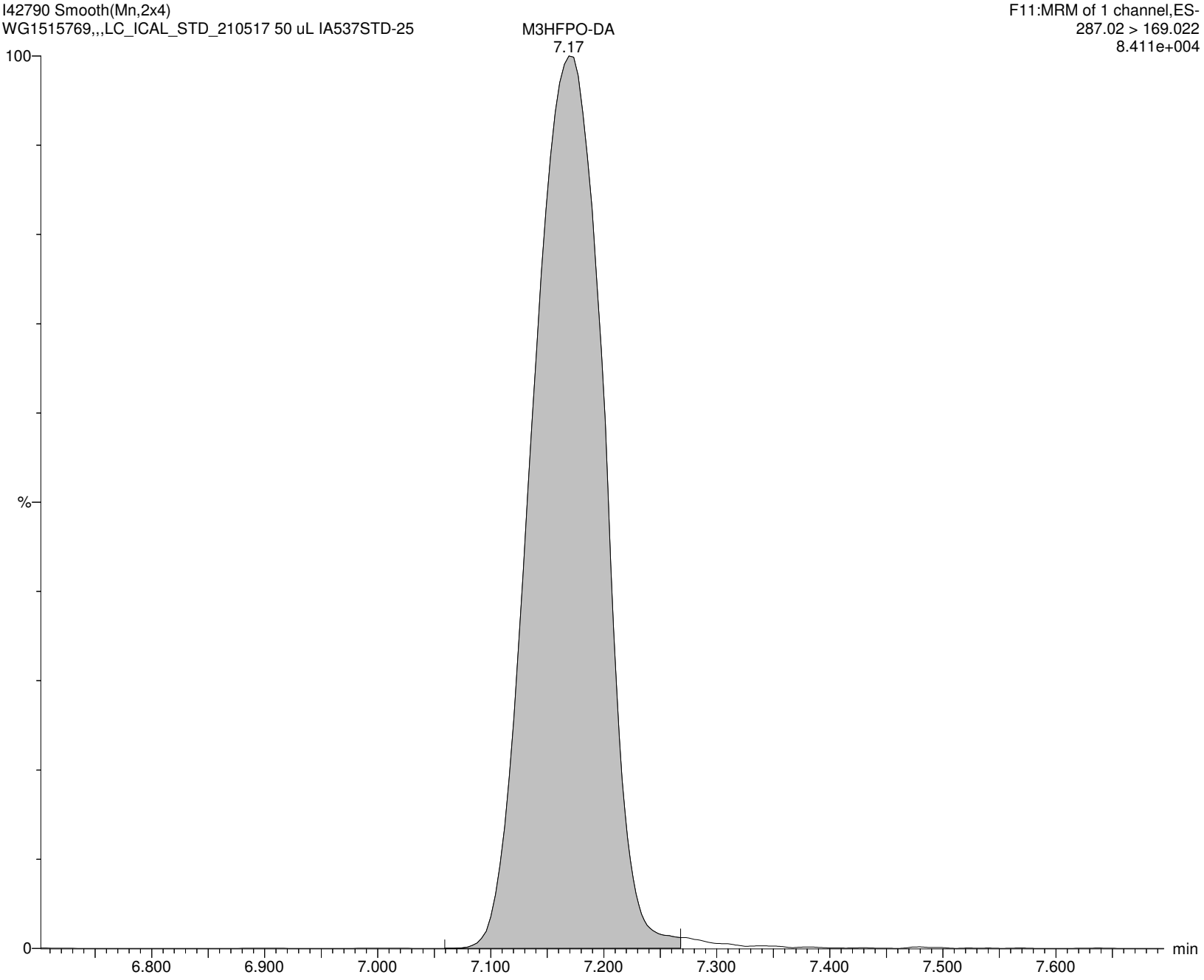


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3HFPO-DA

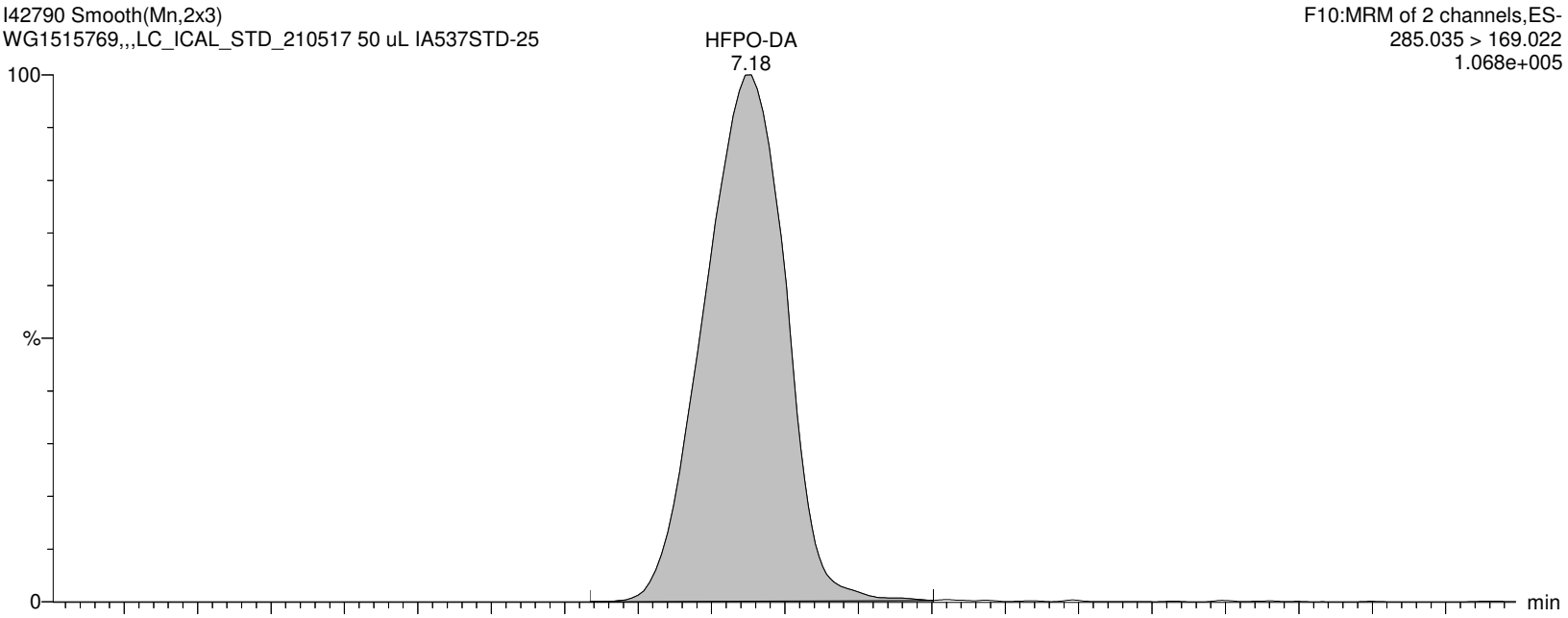


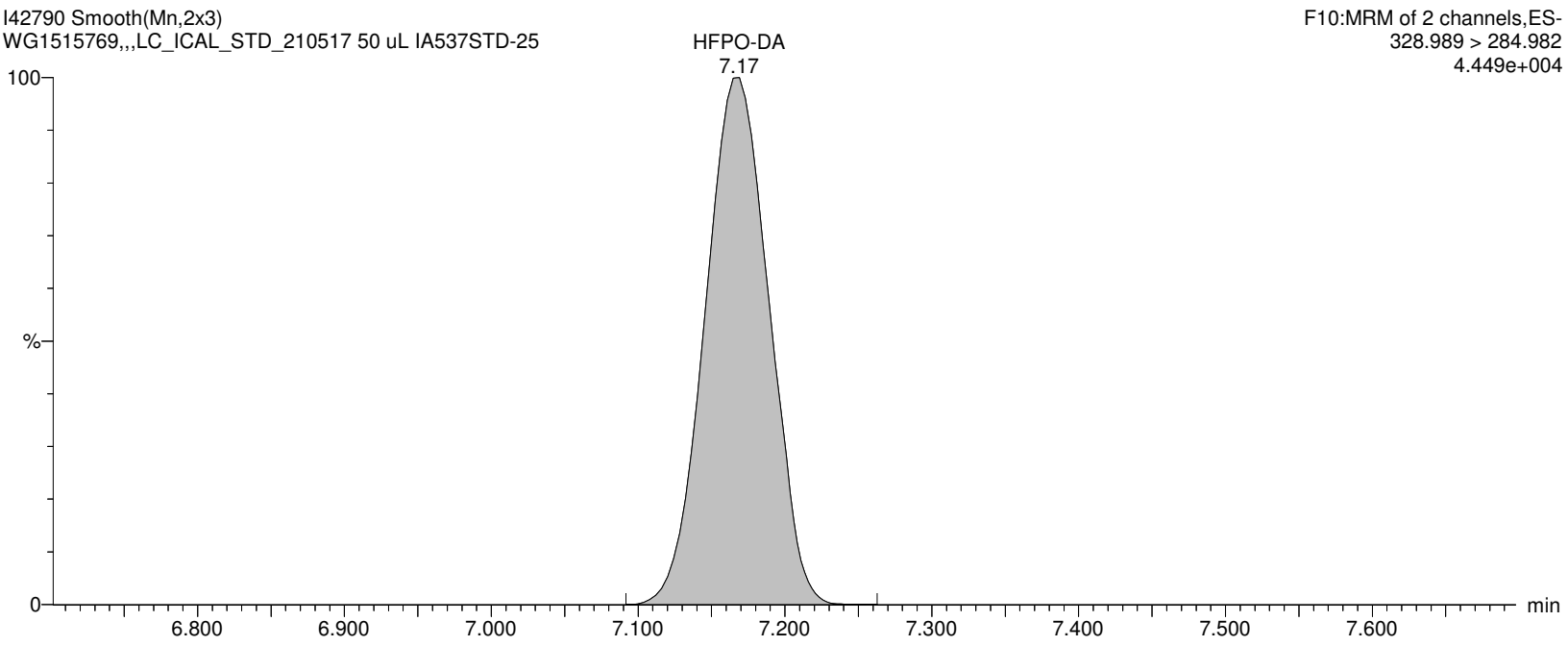
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

HFPO-DA



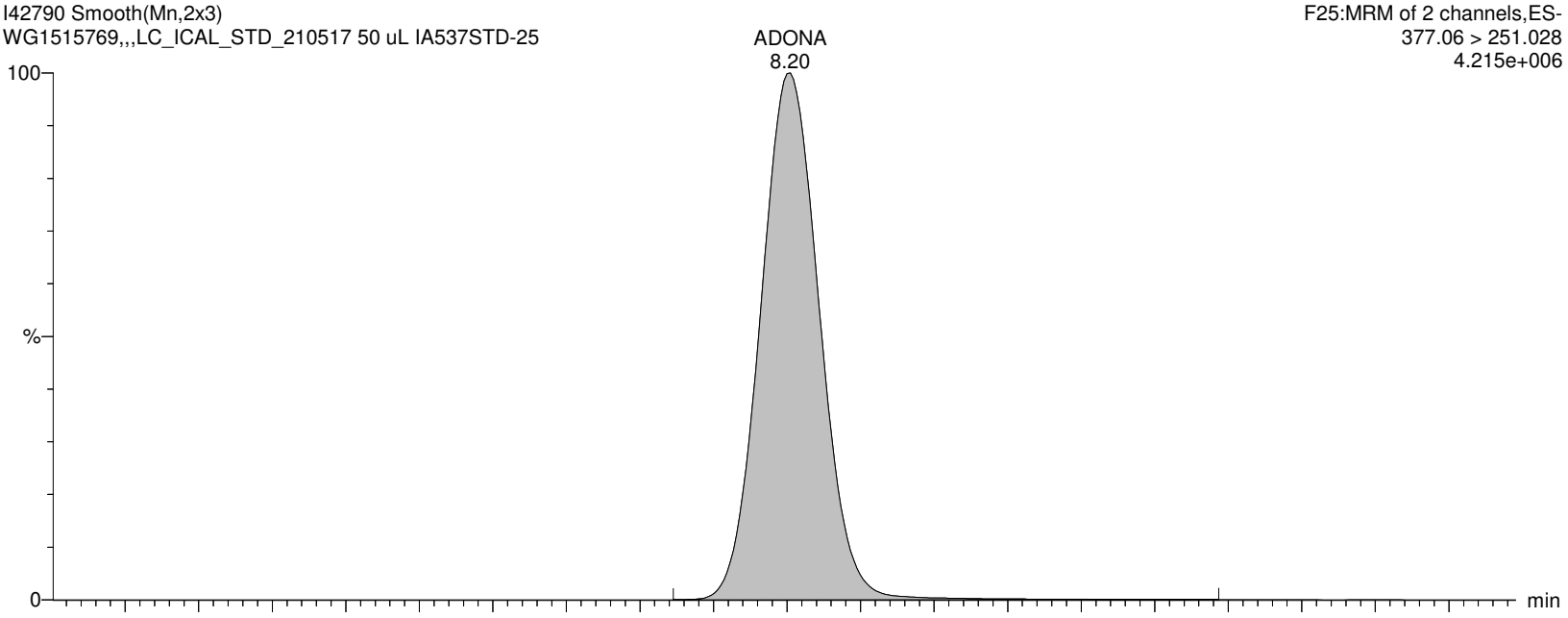


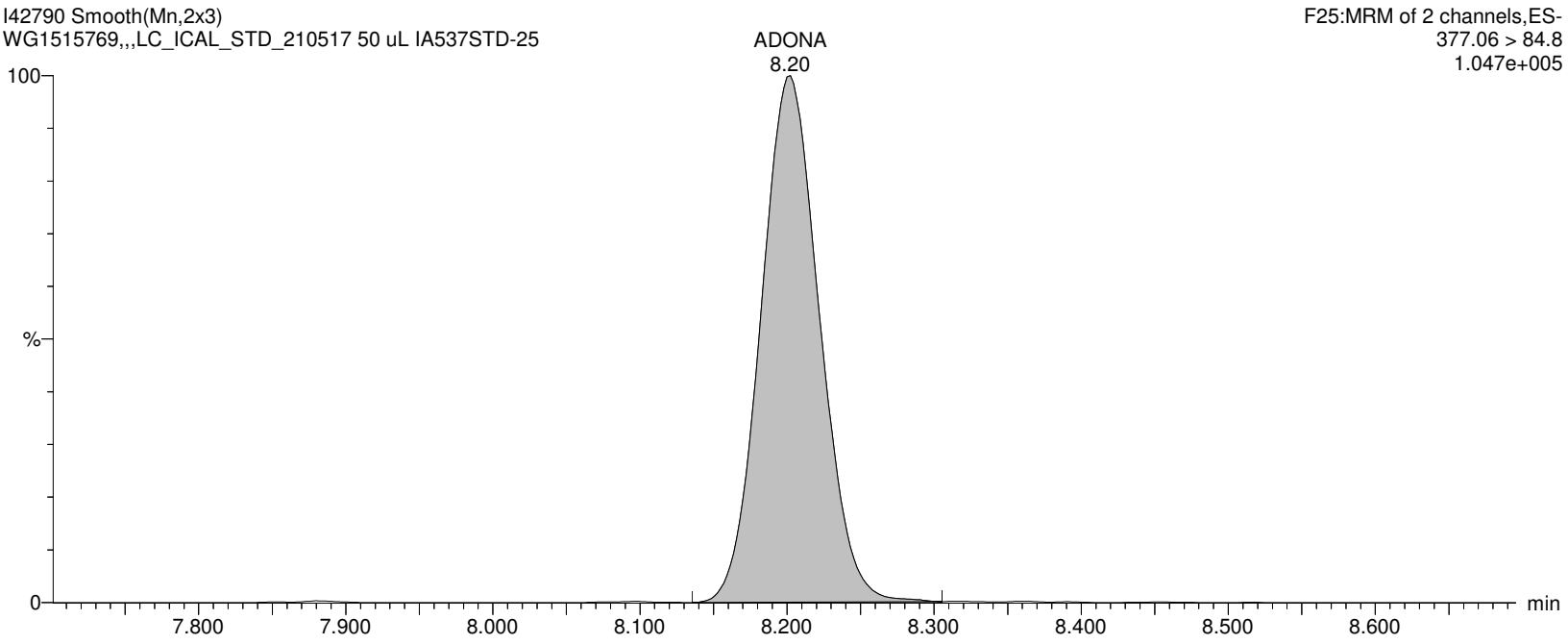
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

ADONA



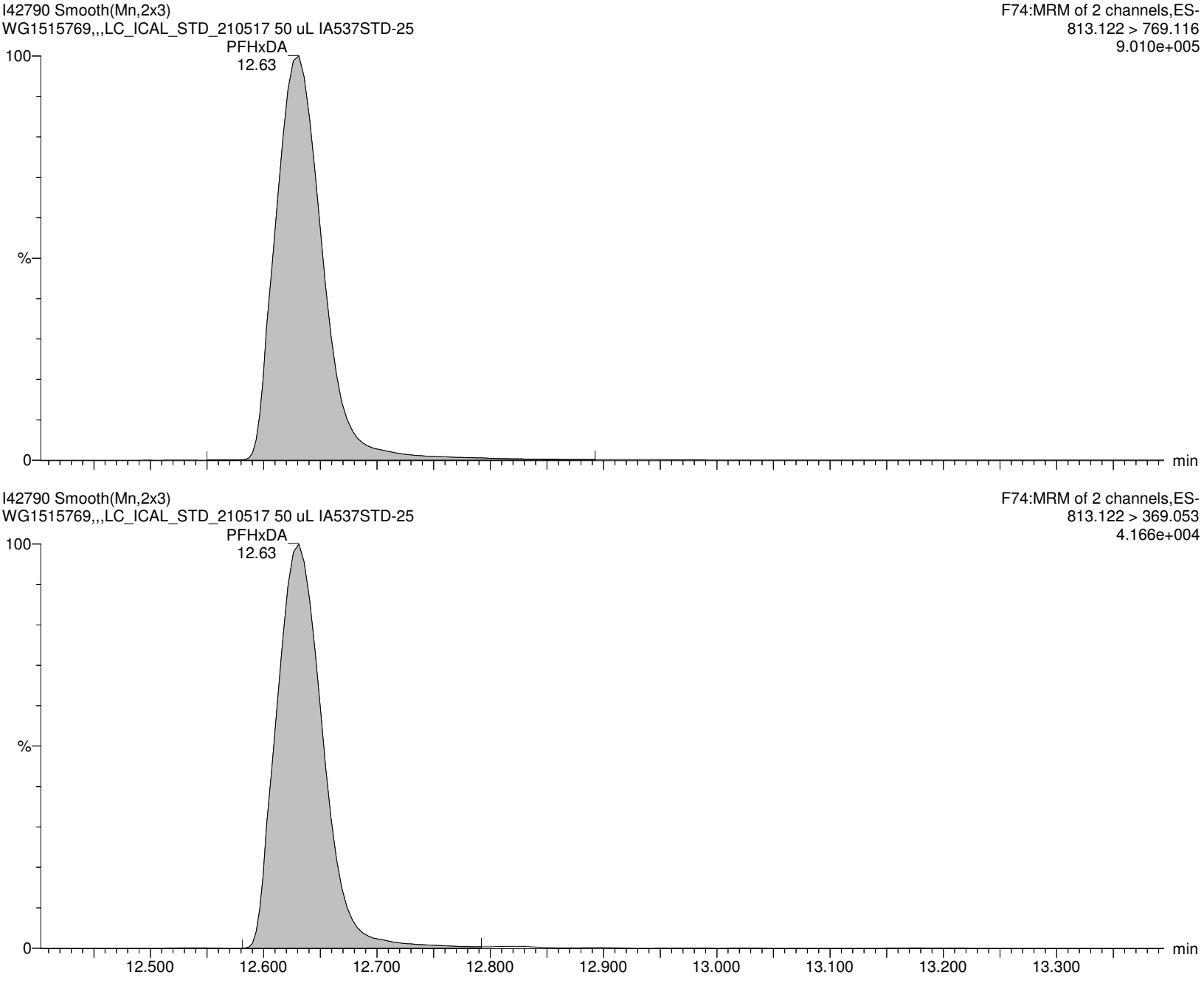


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxDA

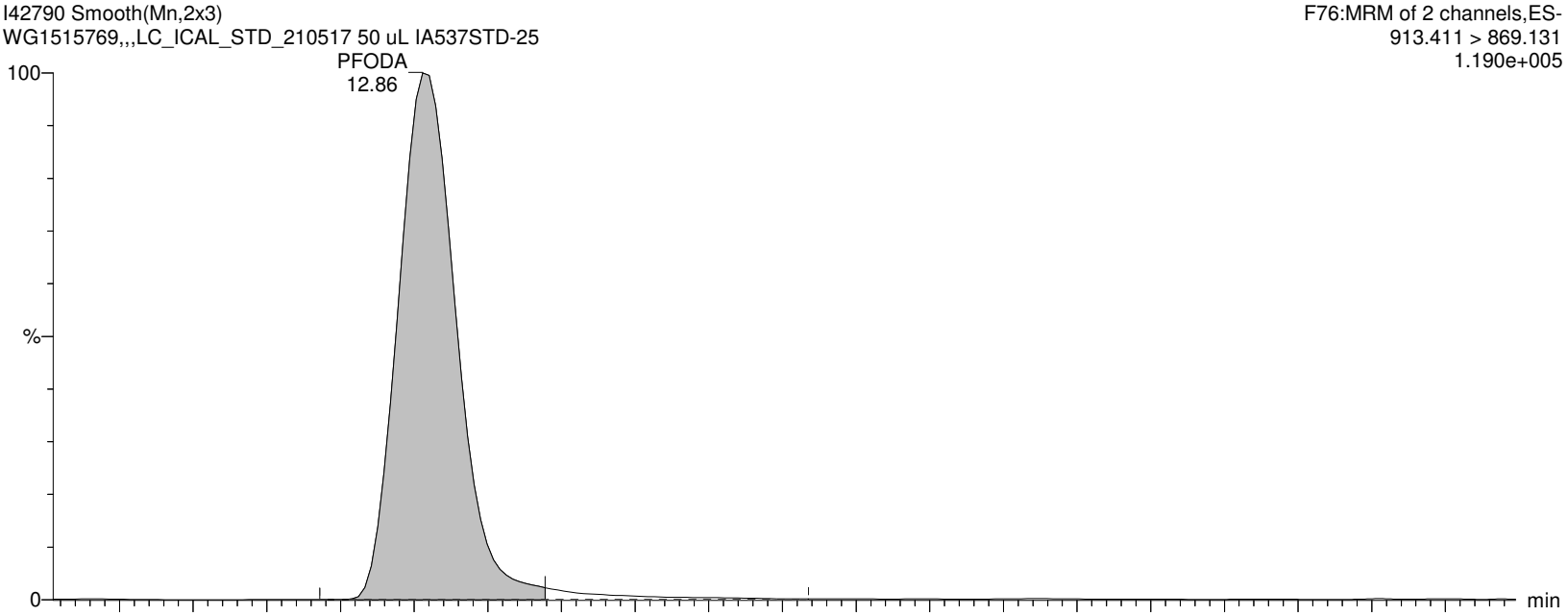


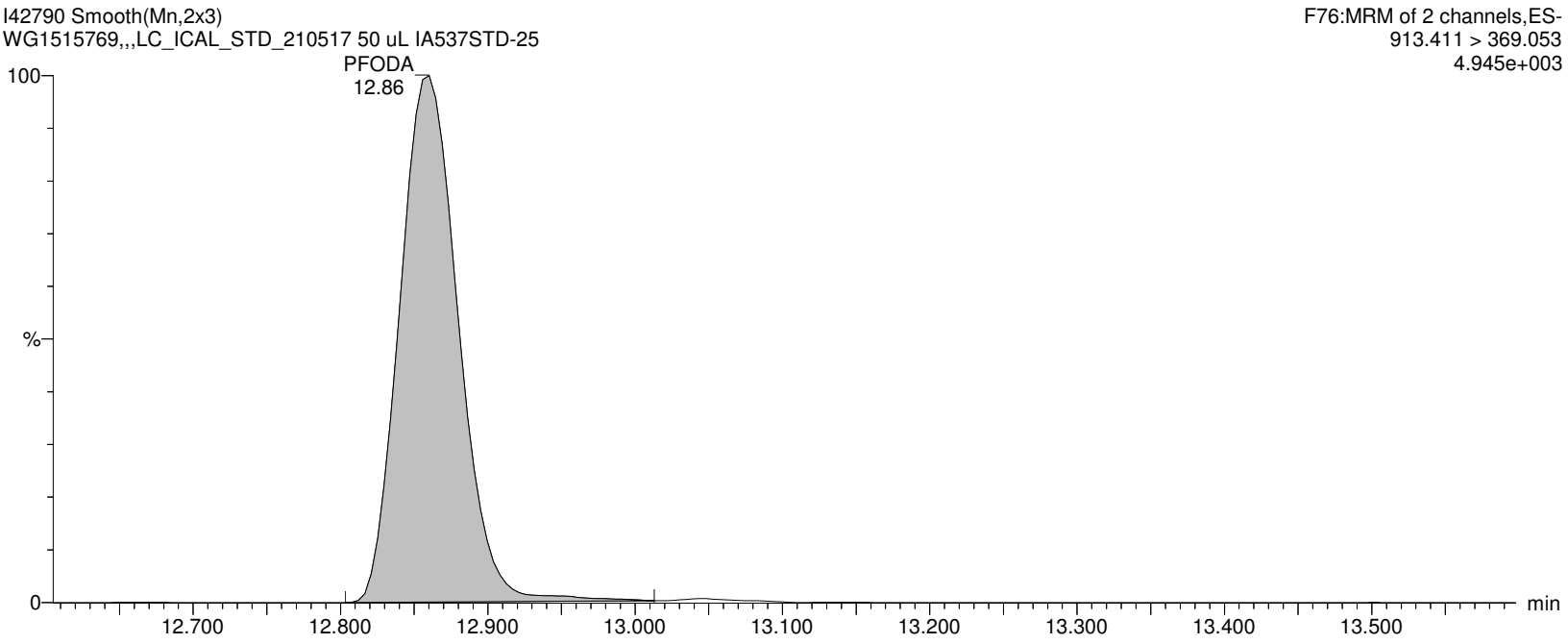
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFODA



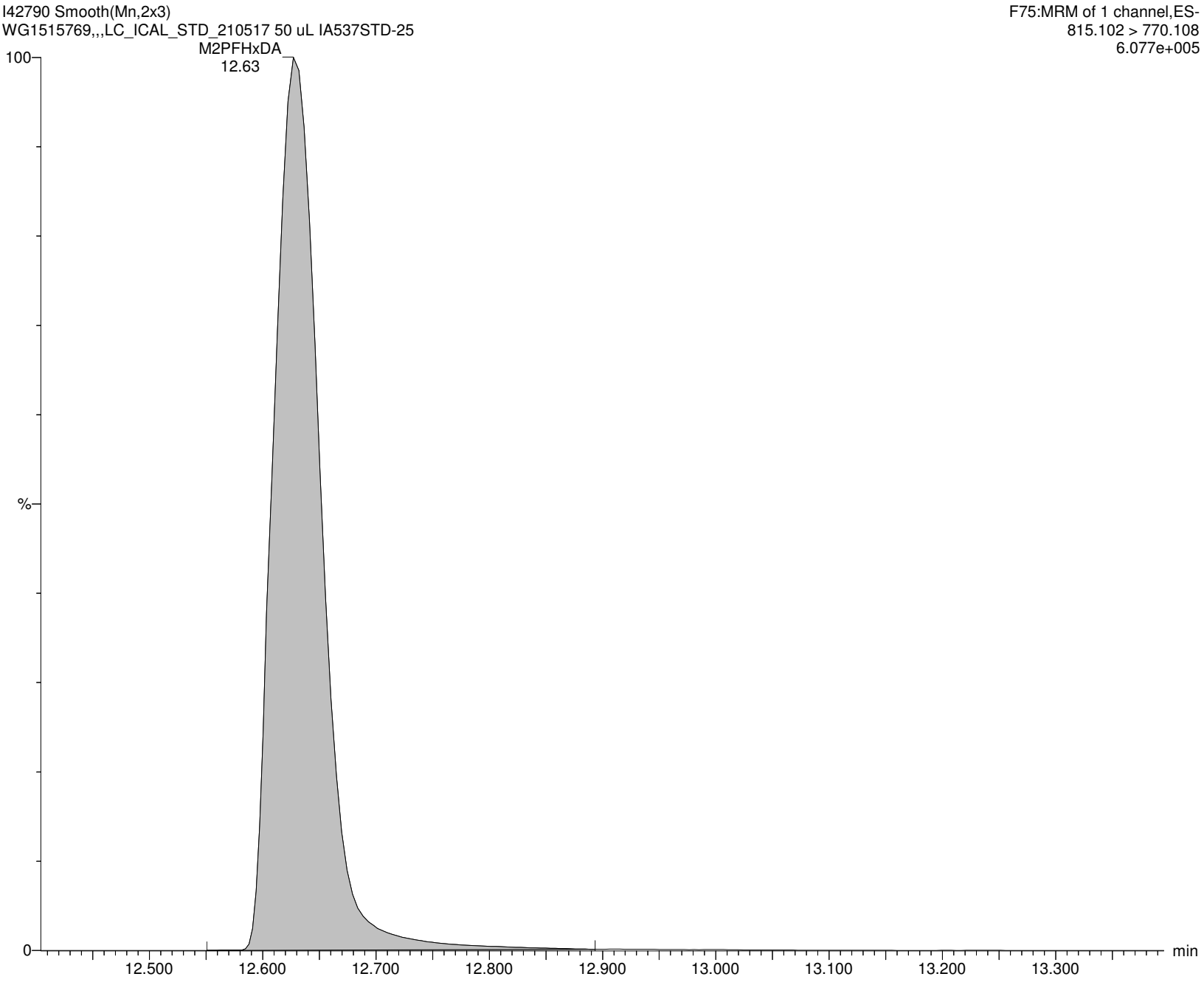


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFHxDA

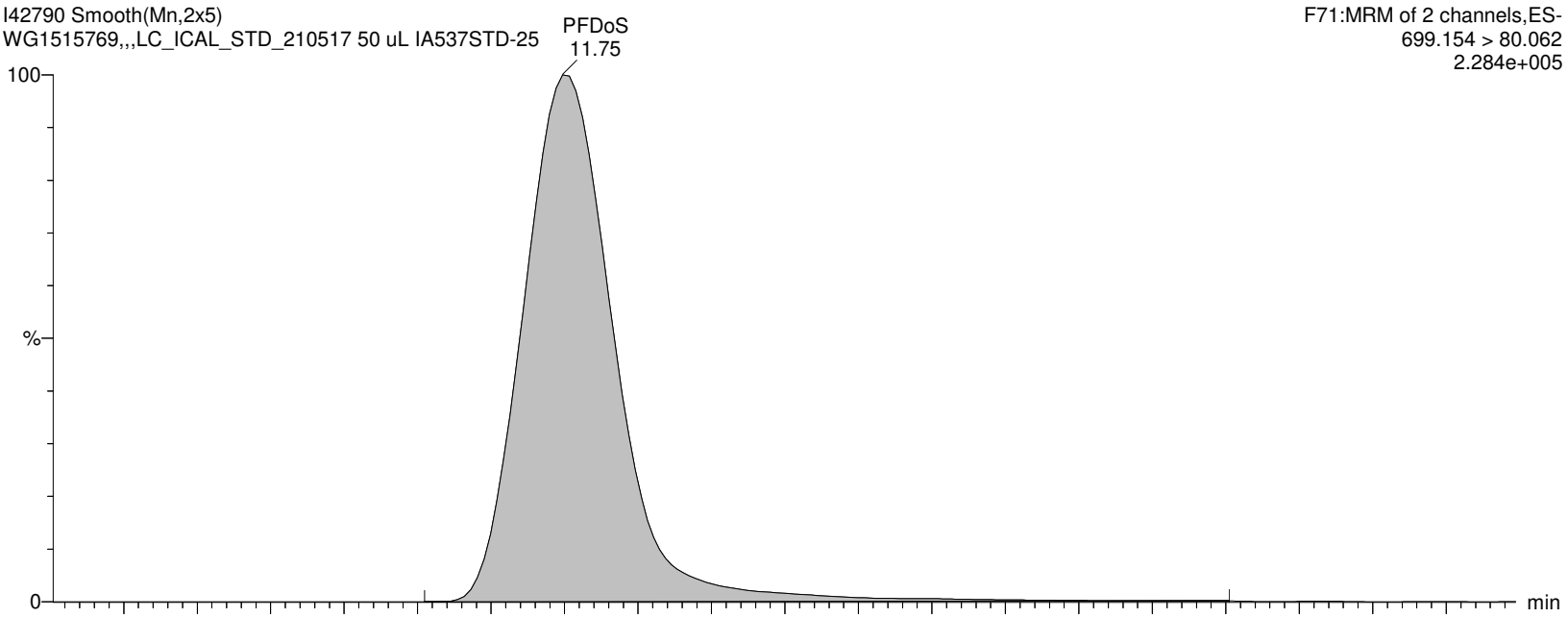


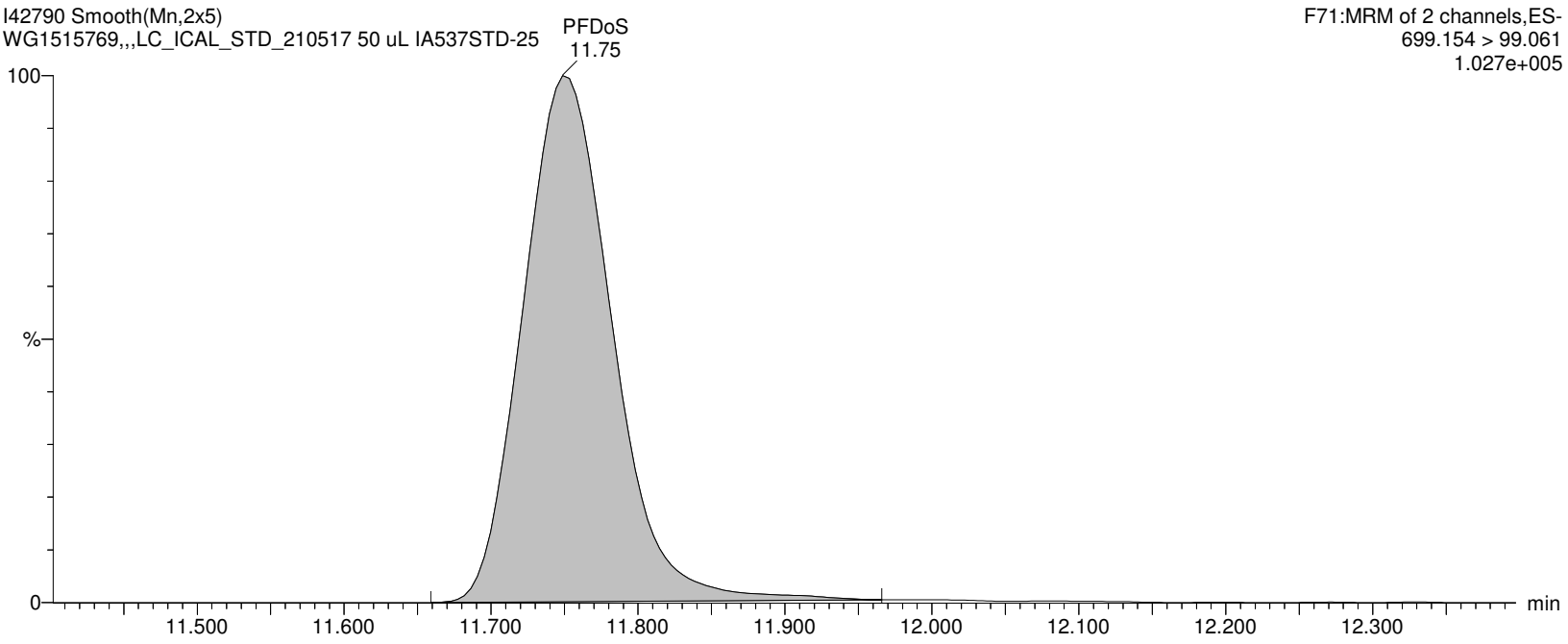
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoS



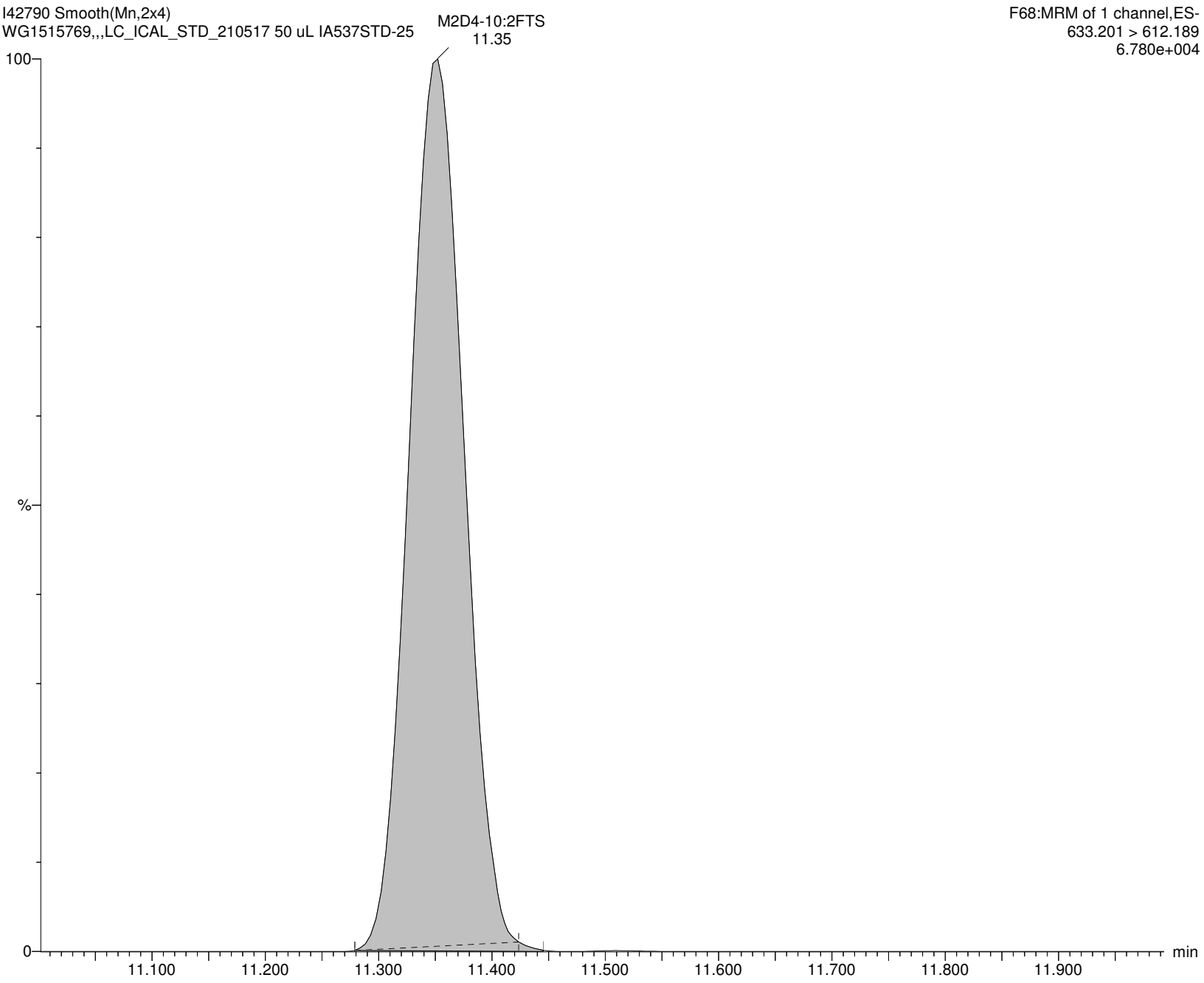


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2D4-10:2FTS

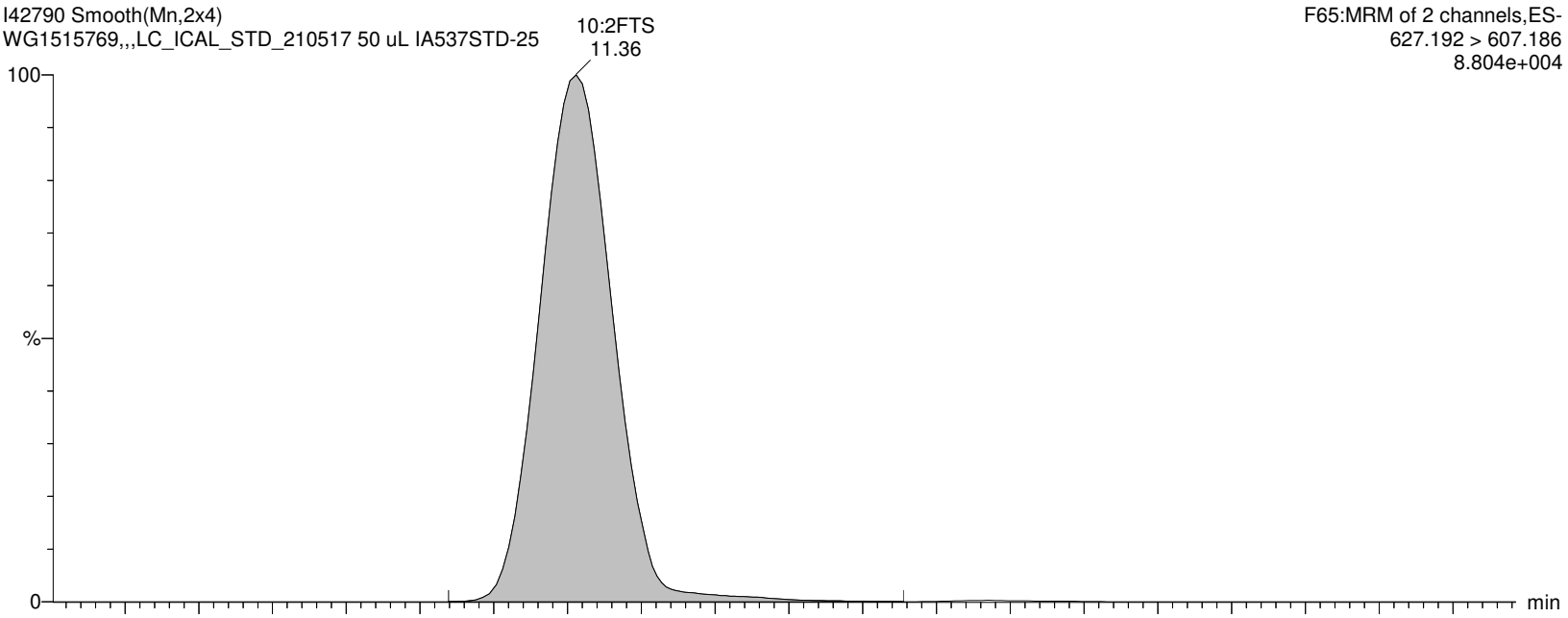


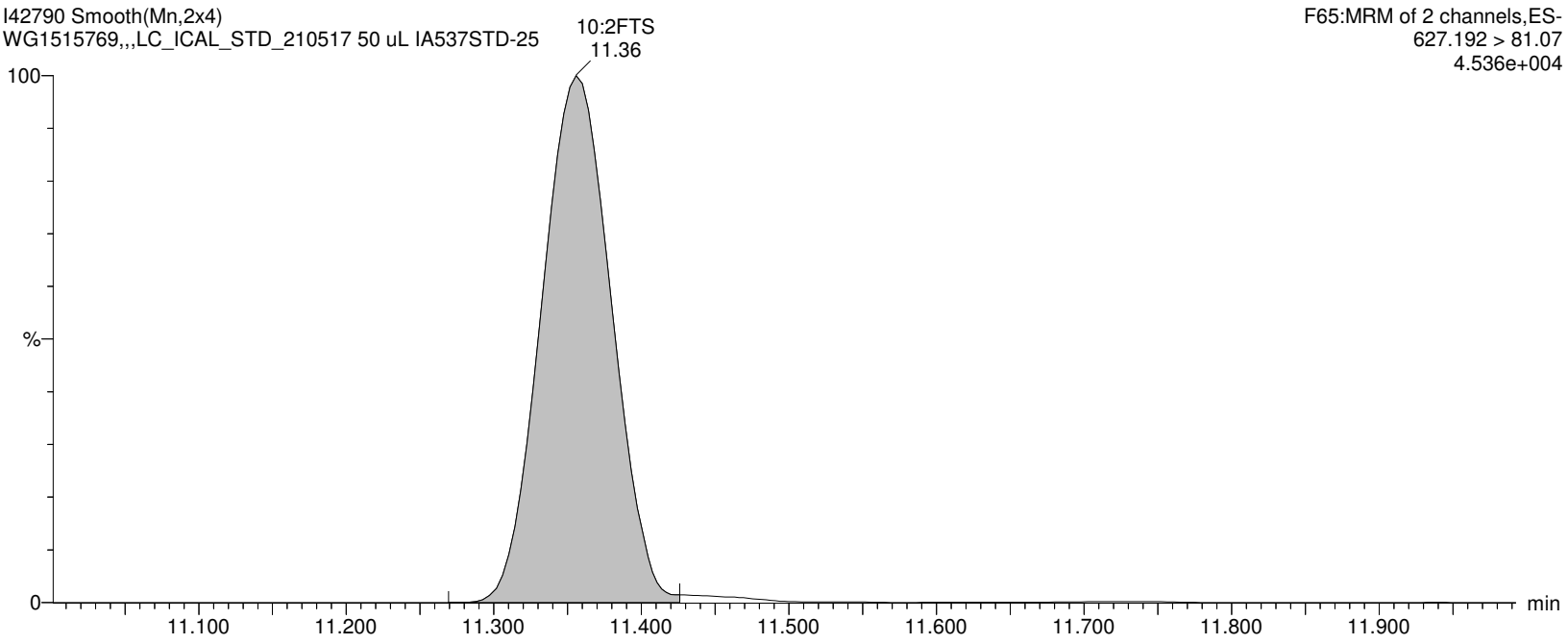
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

10:2FTS



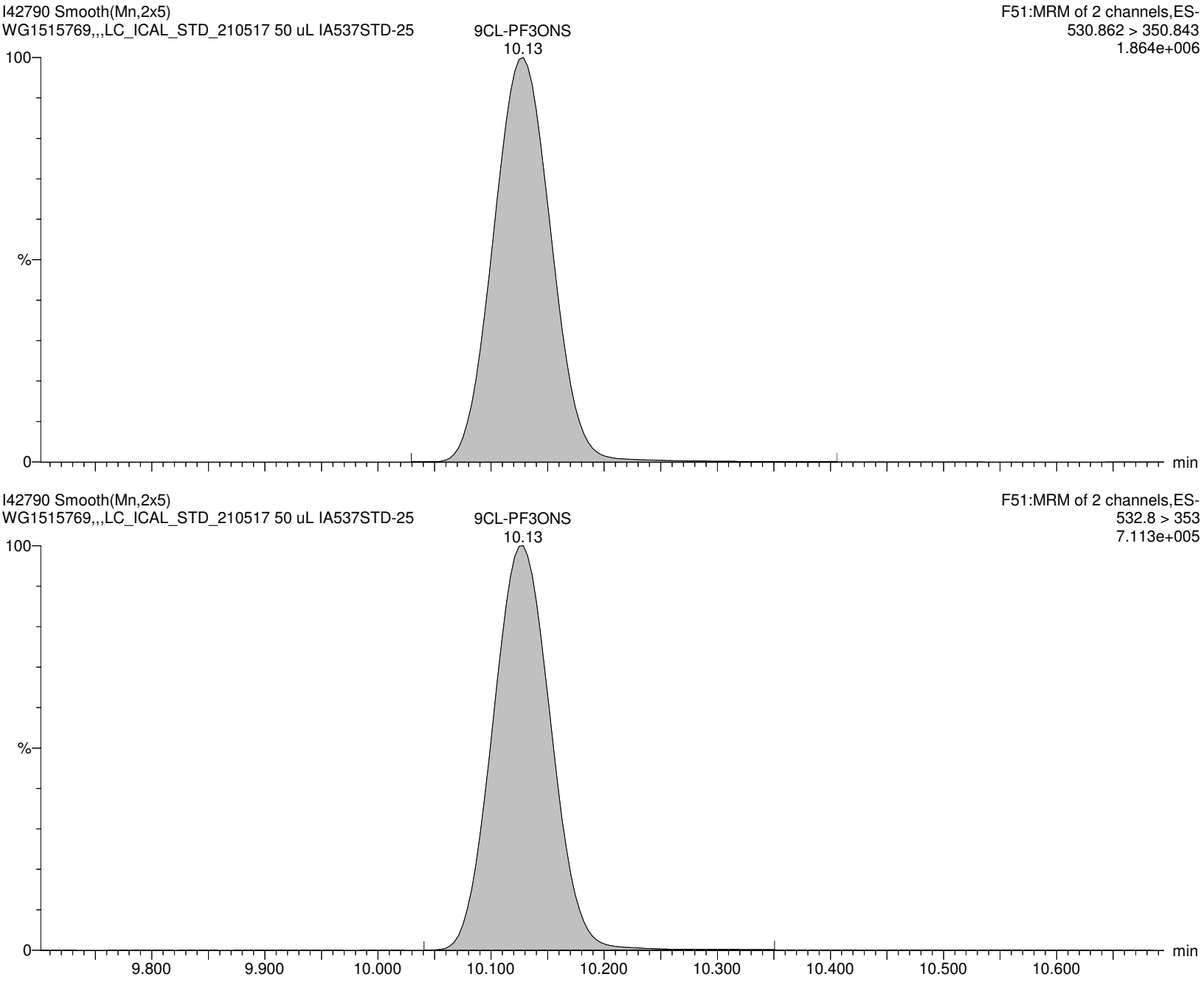


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

9CL-PF3ONS

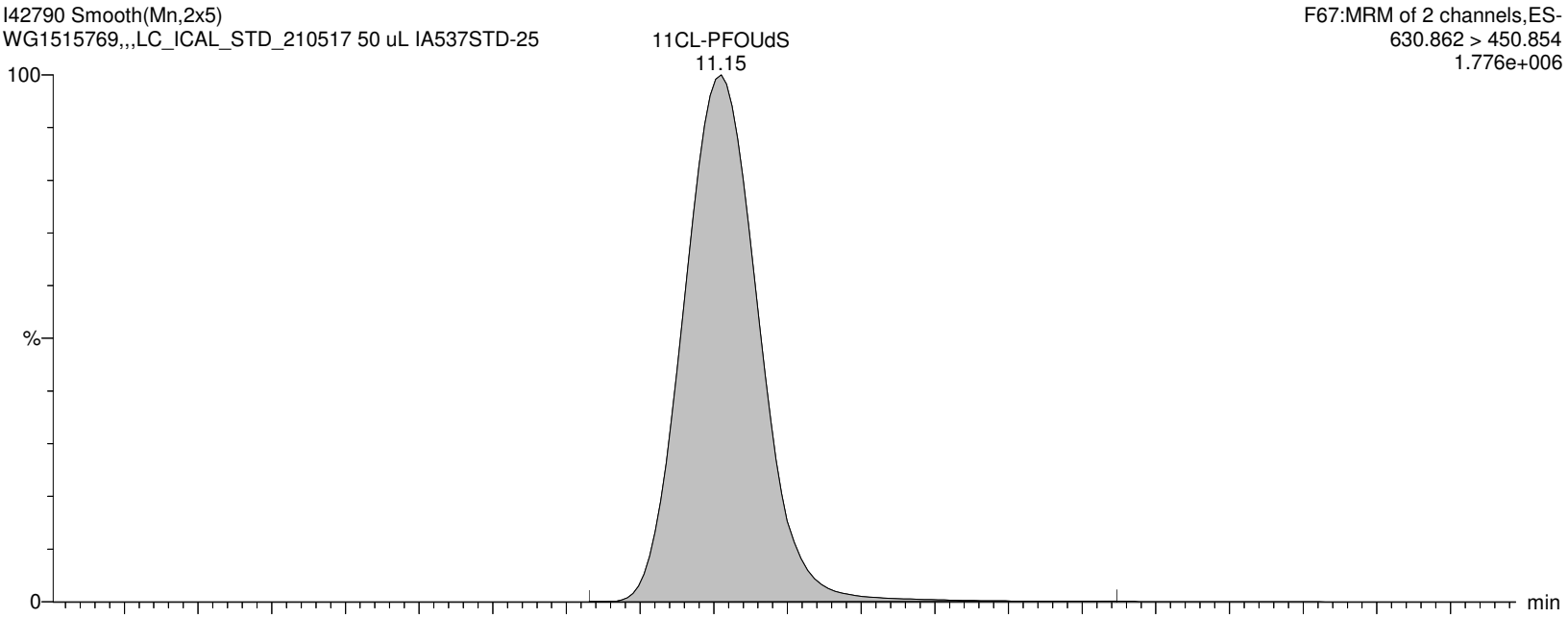


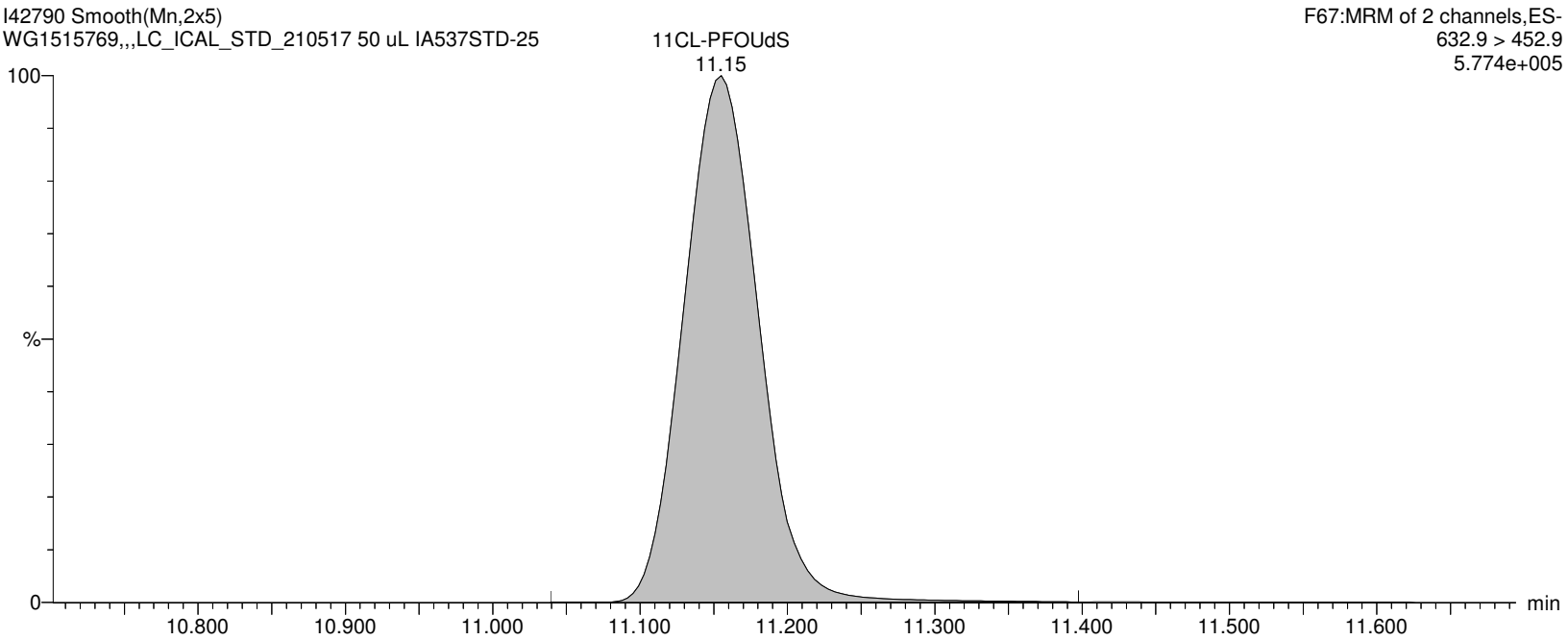
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

11CL-PFOUdS



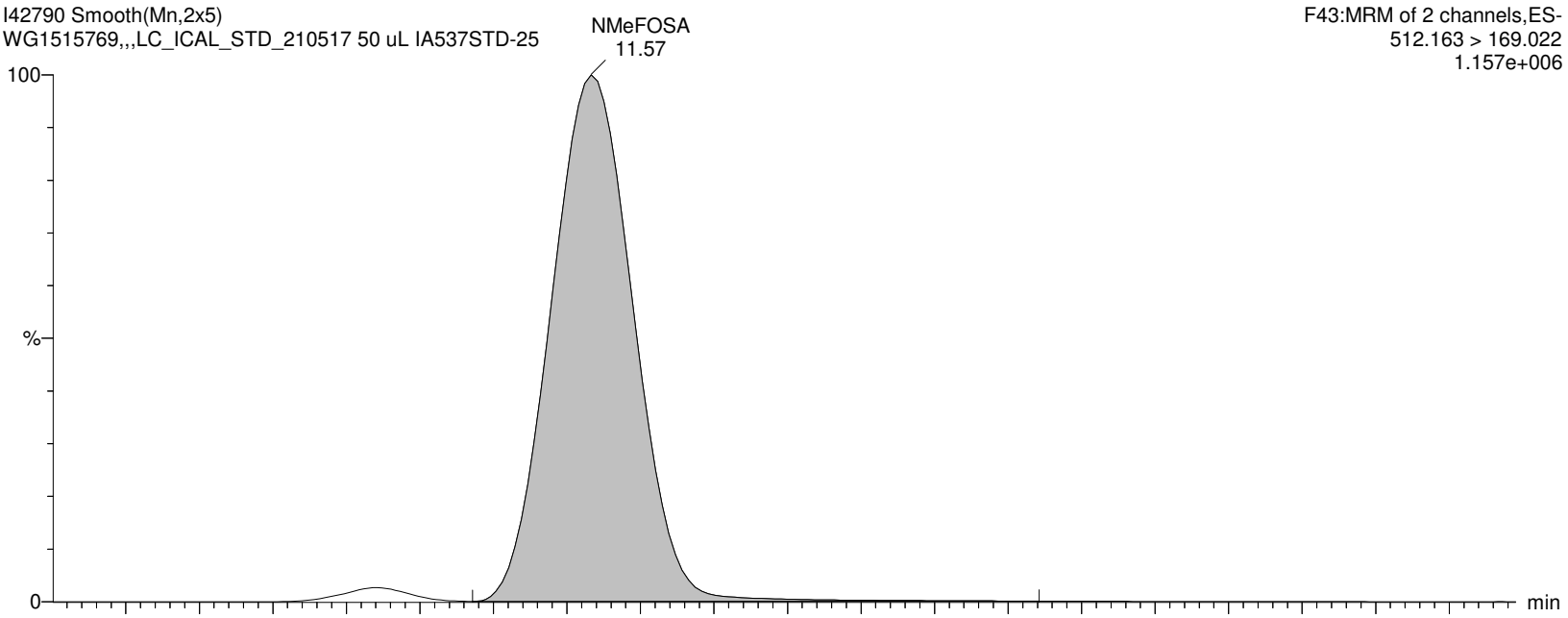


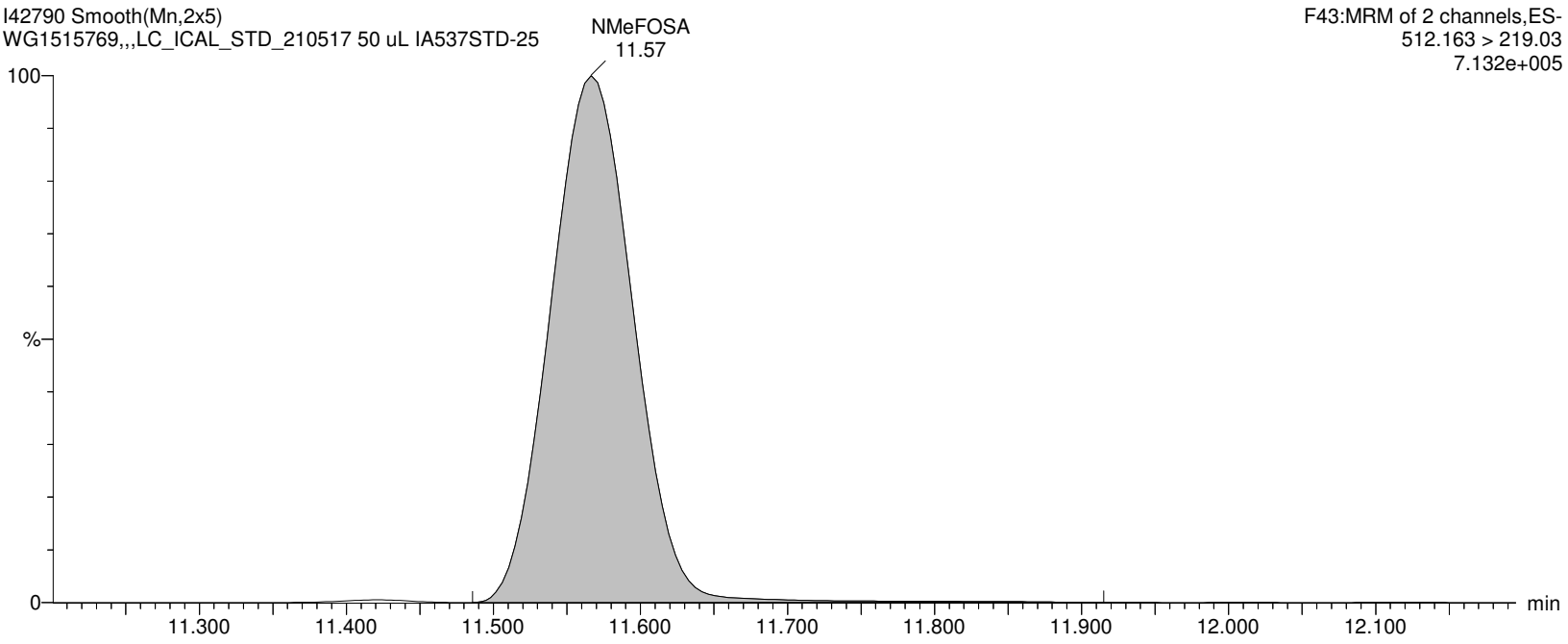
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSA



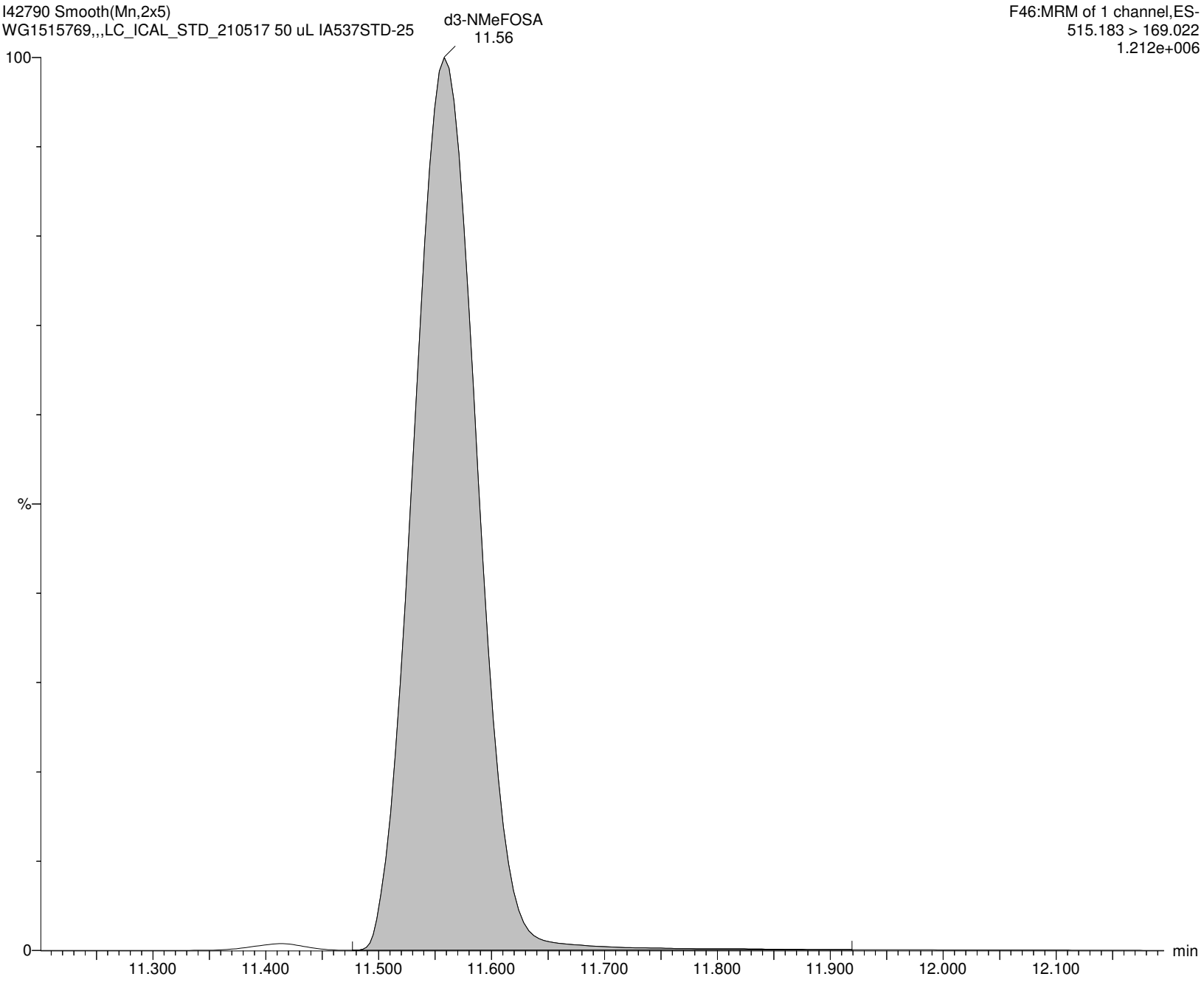


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSA

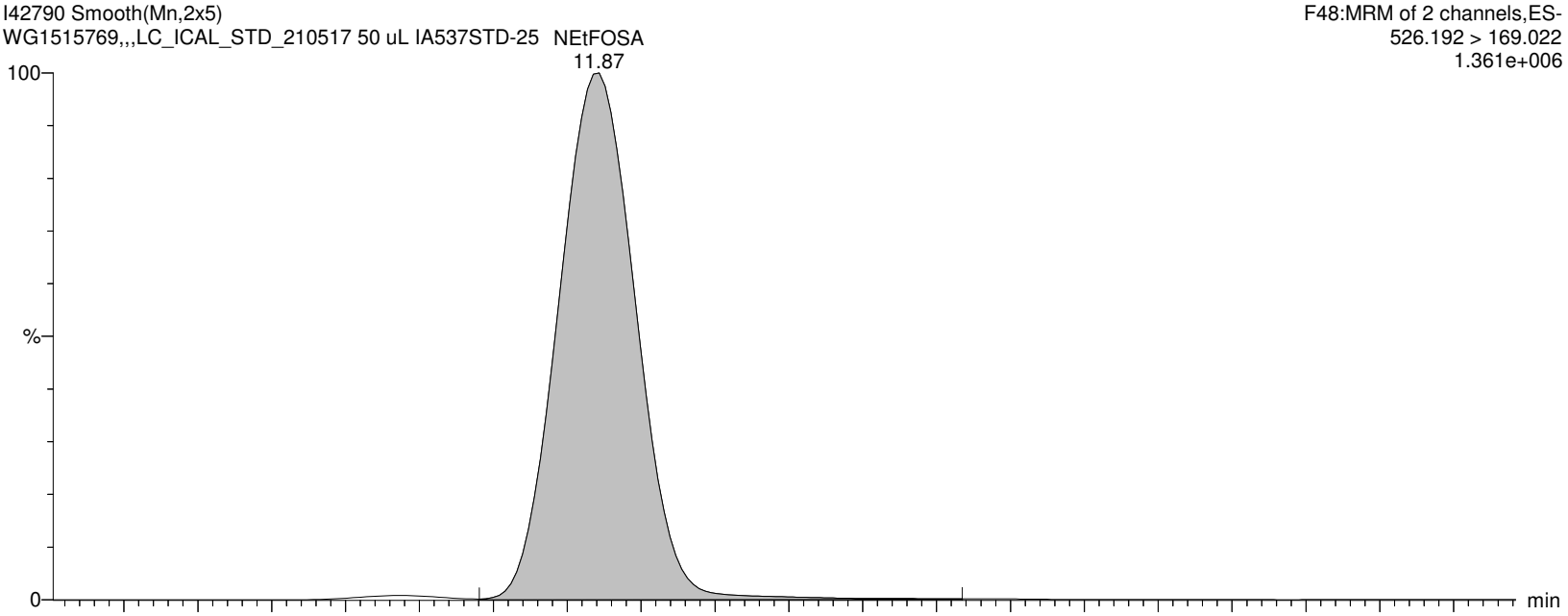


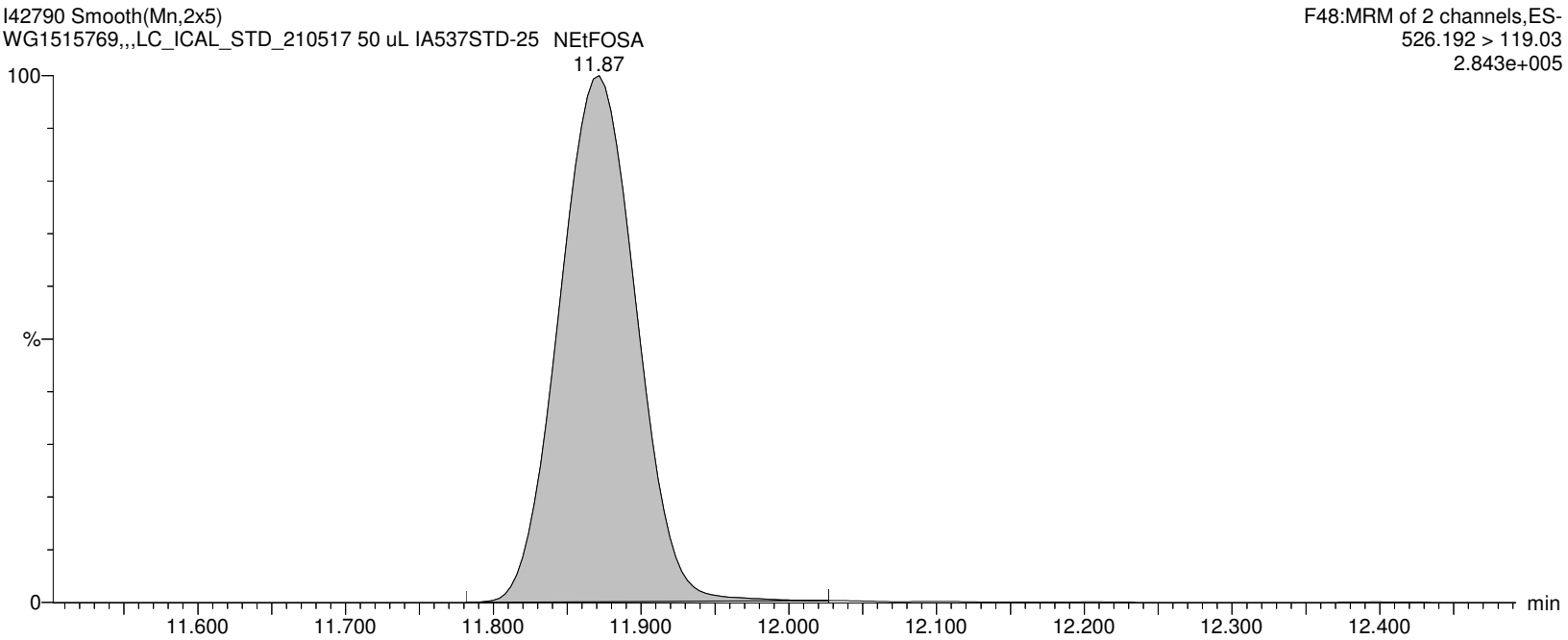
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSA



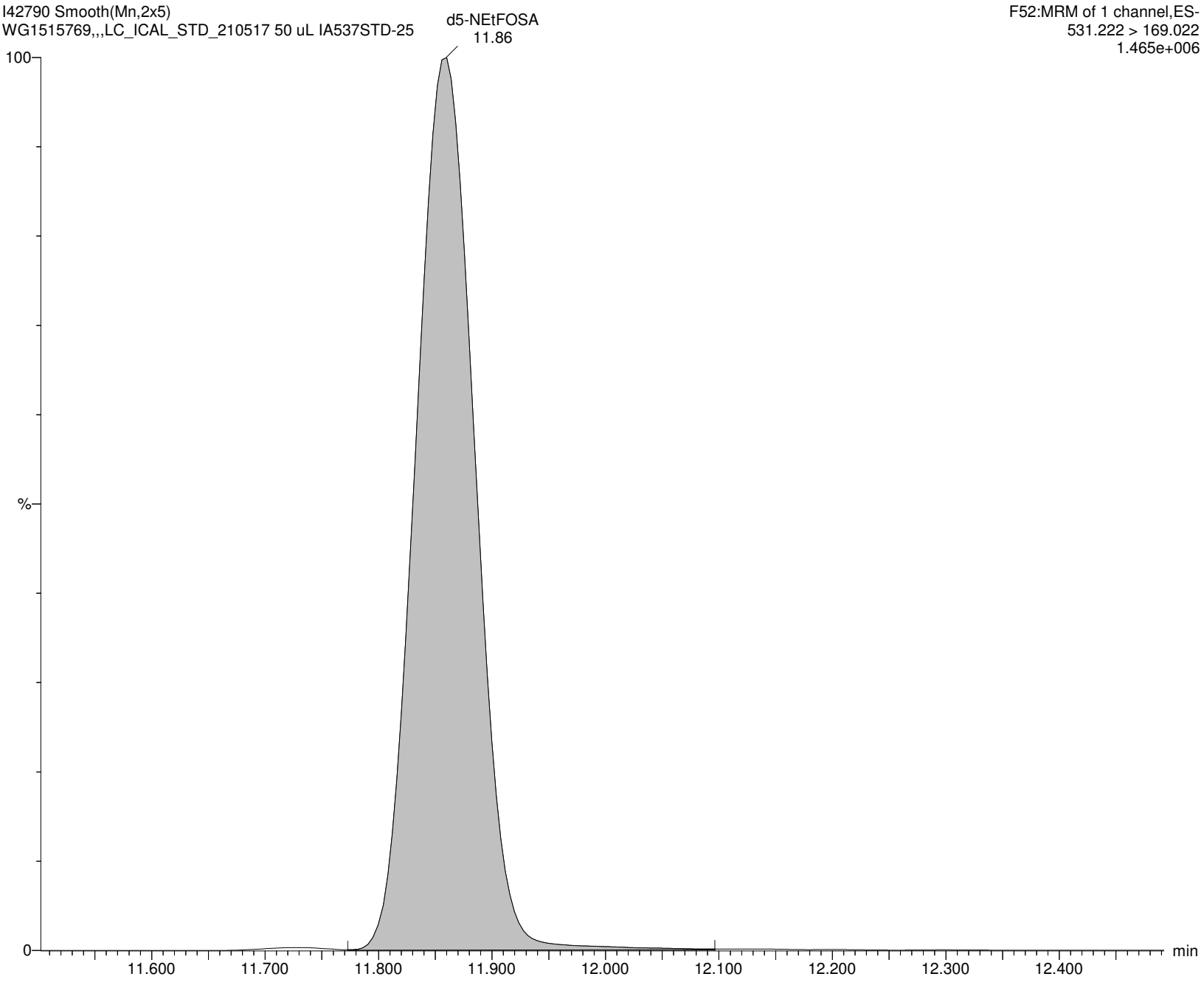


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSA

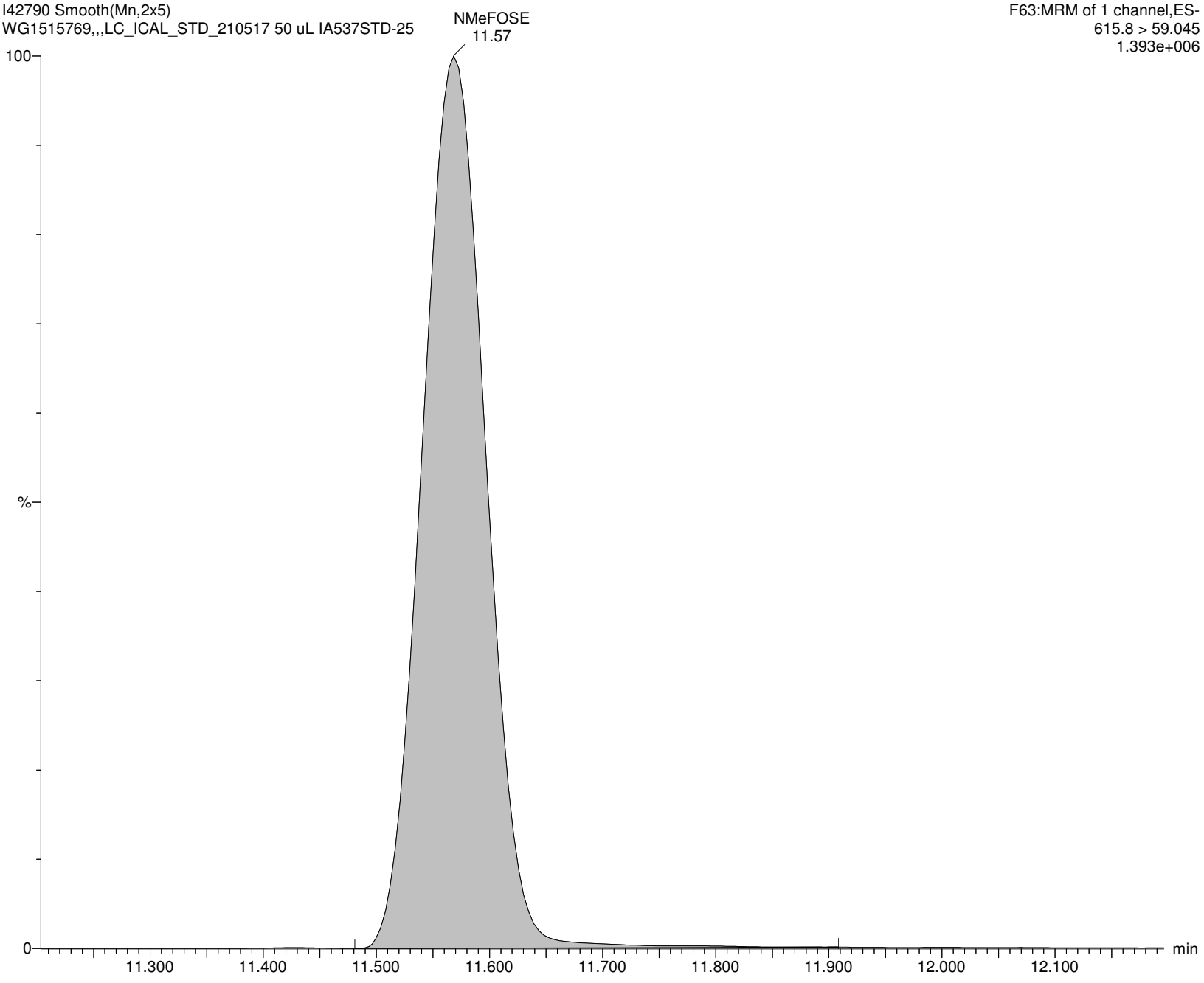


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSE

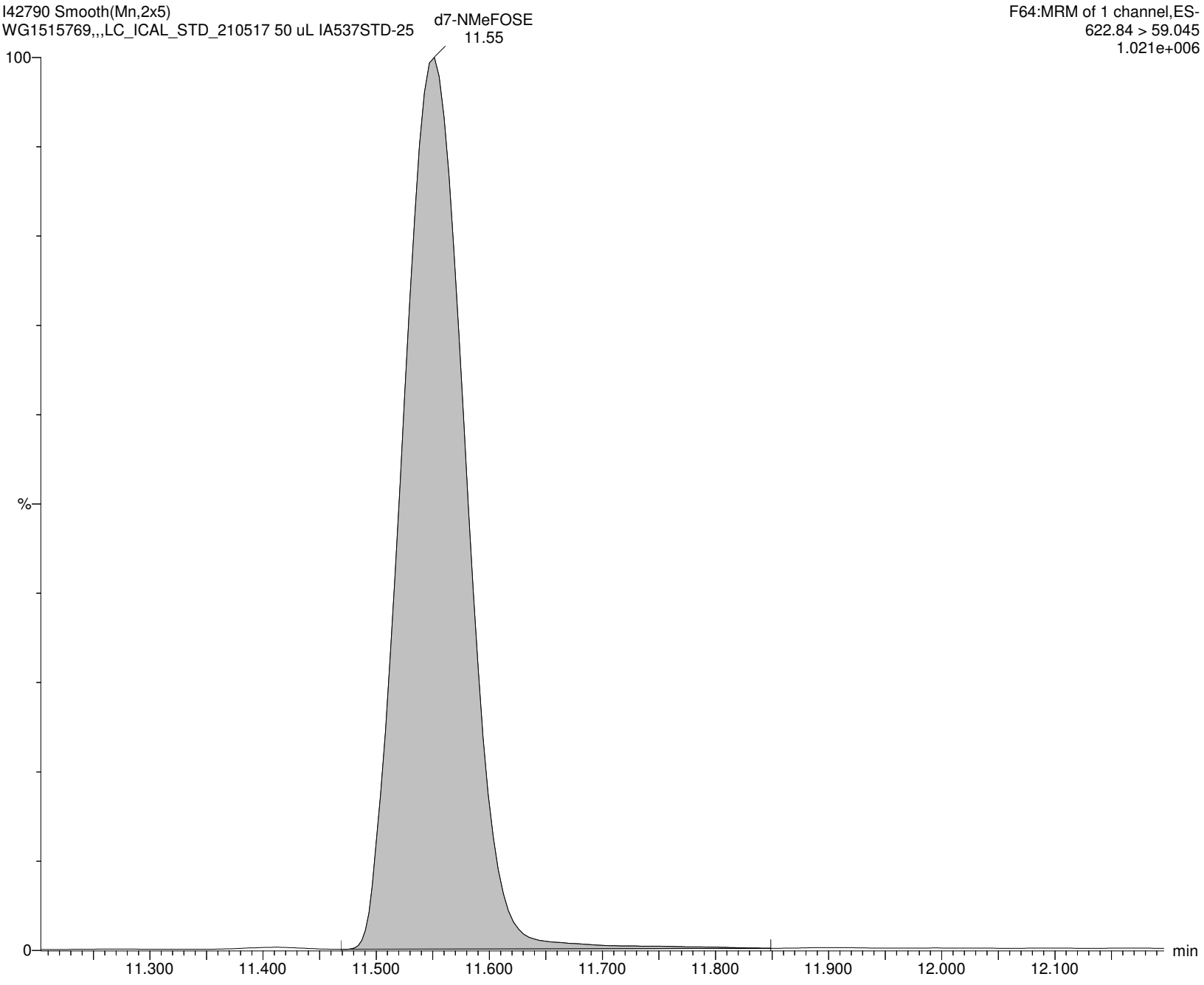


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d7-NMeFOSE

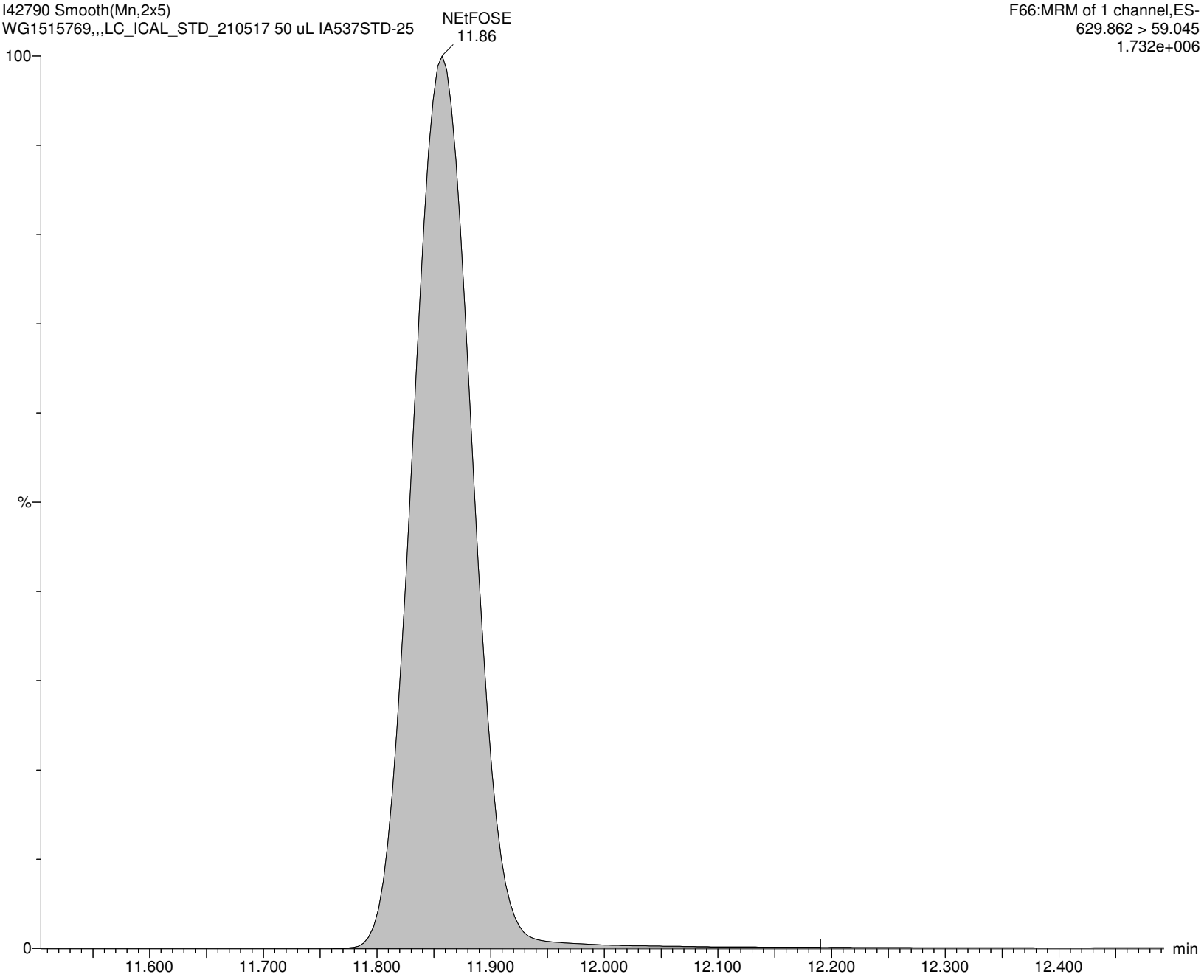


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSE

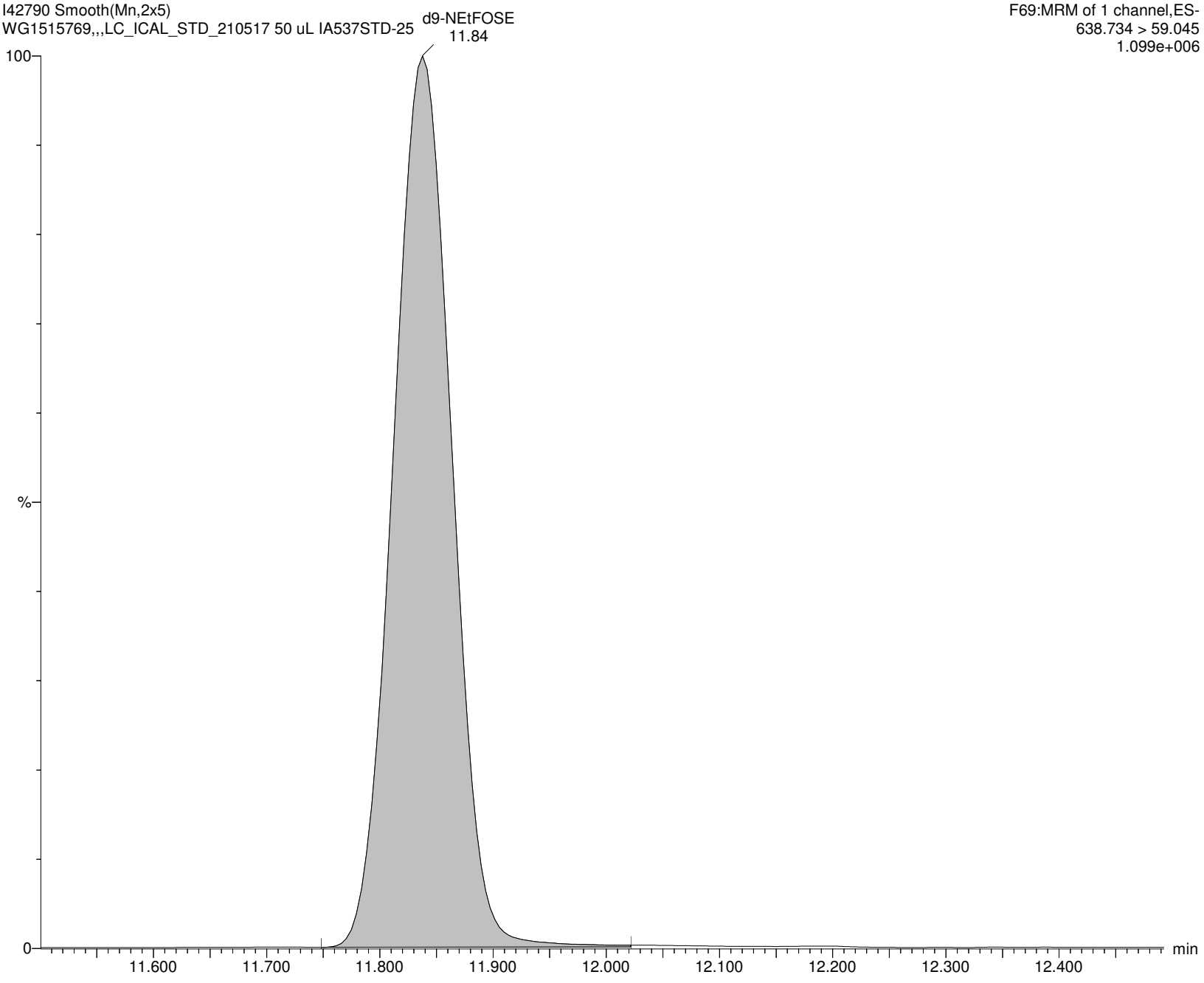


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d9-NEtFOSE

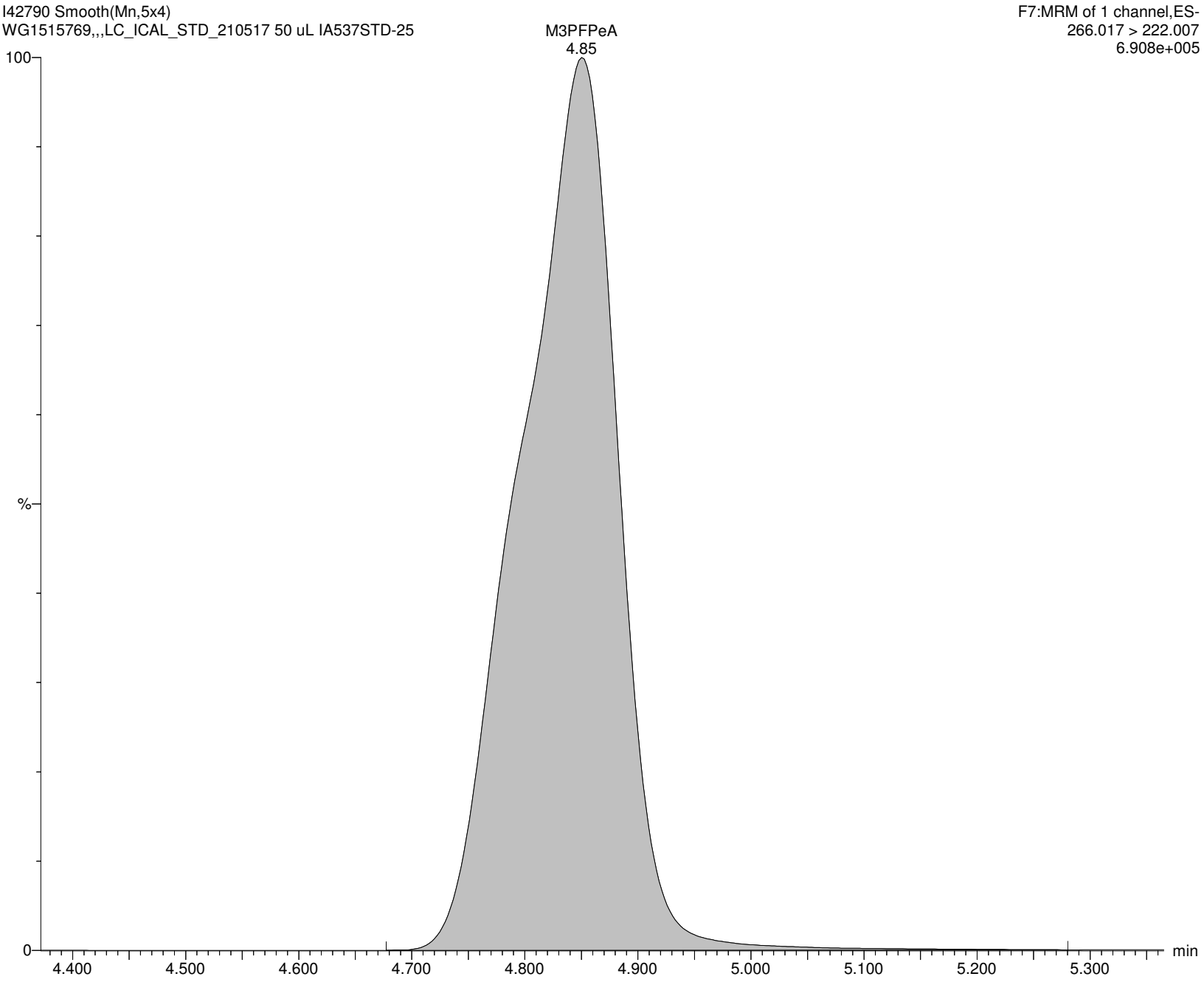


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFPeA

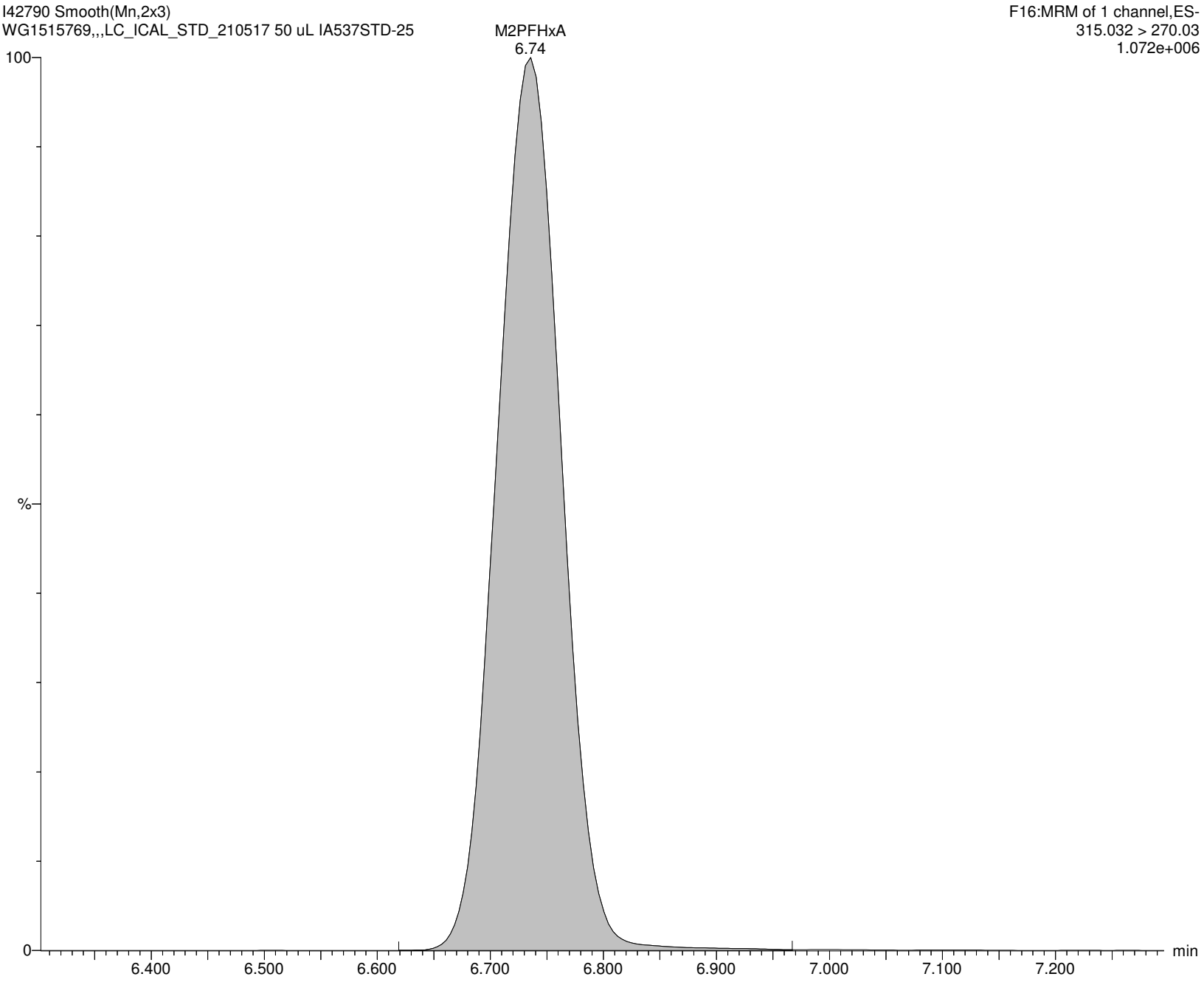


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFHxA

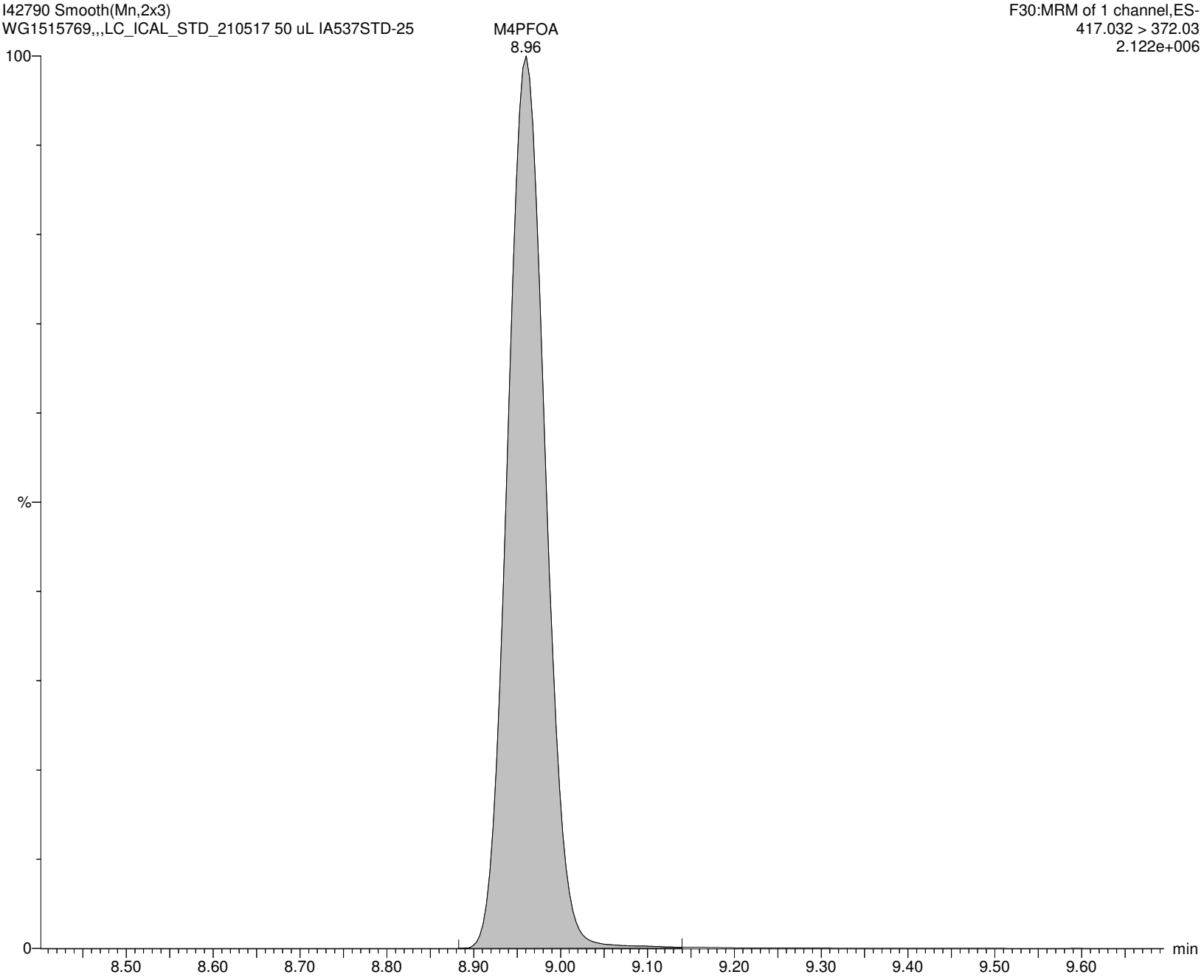


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOA

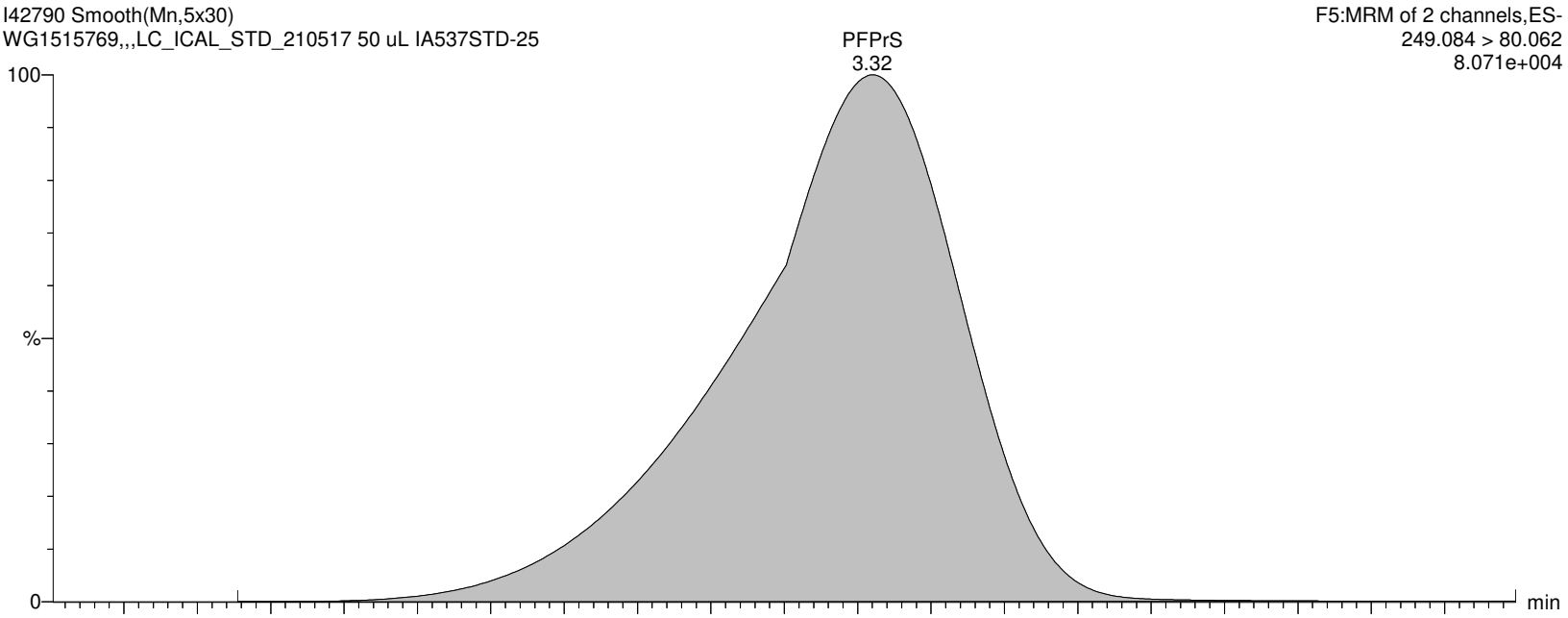


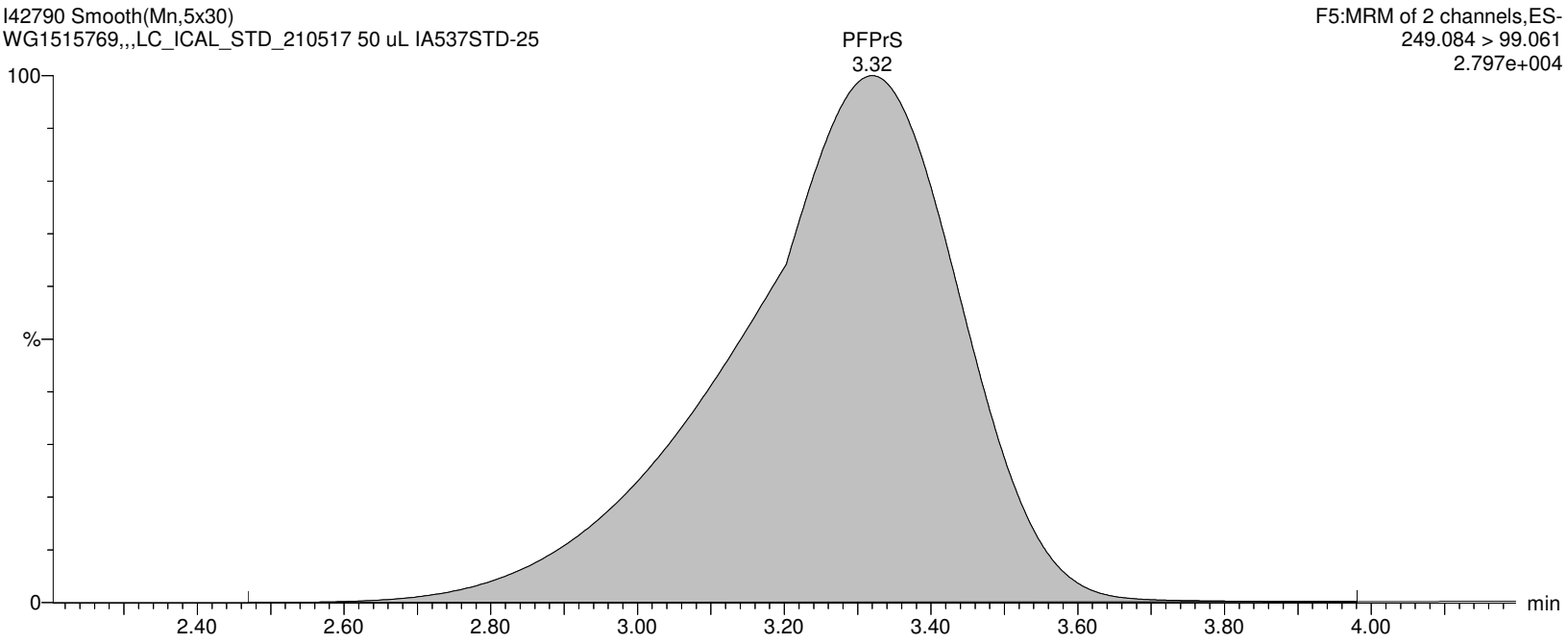
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPrS



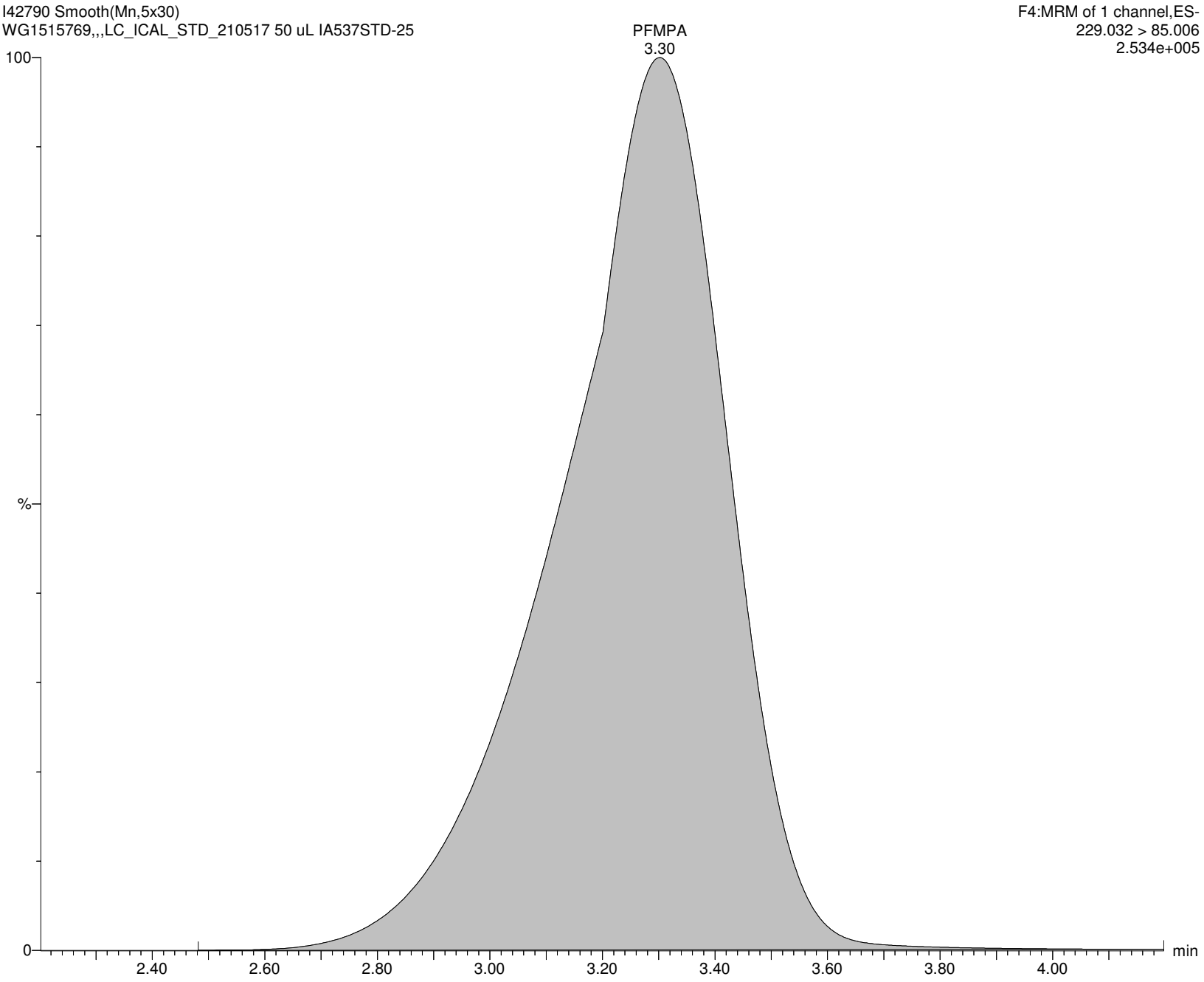


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFMPA

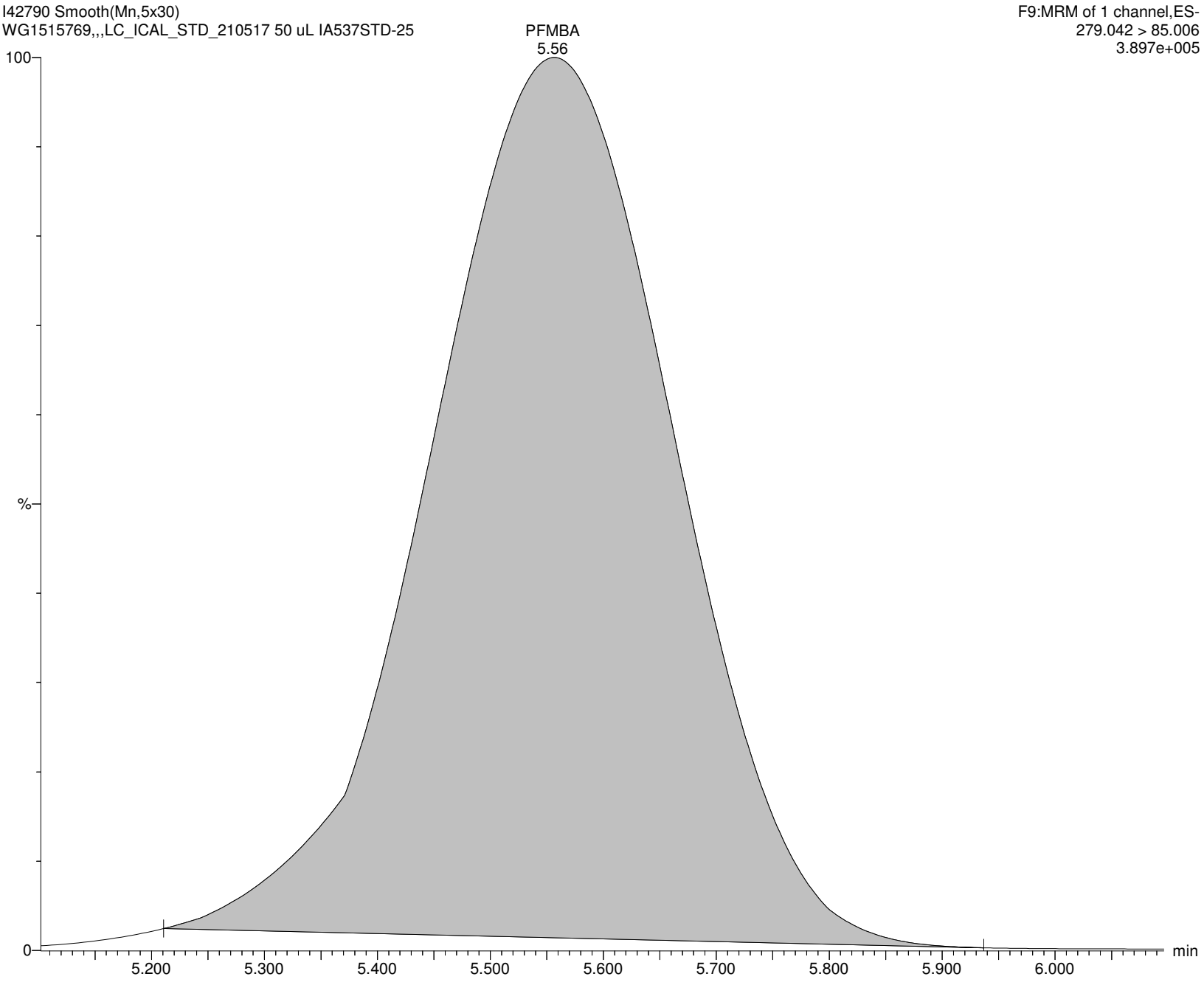


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFMBA

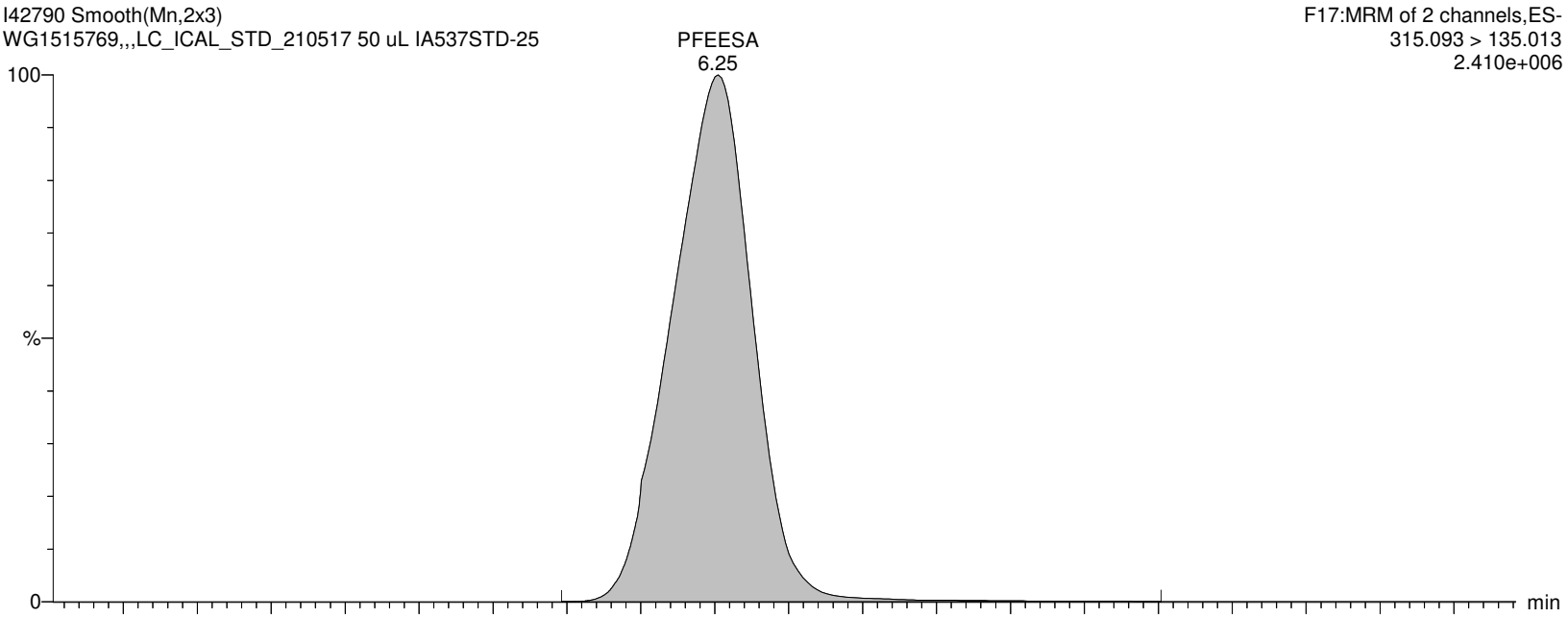


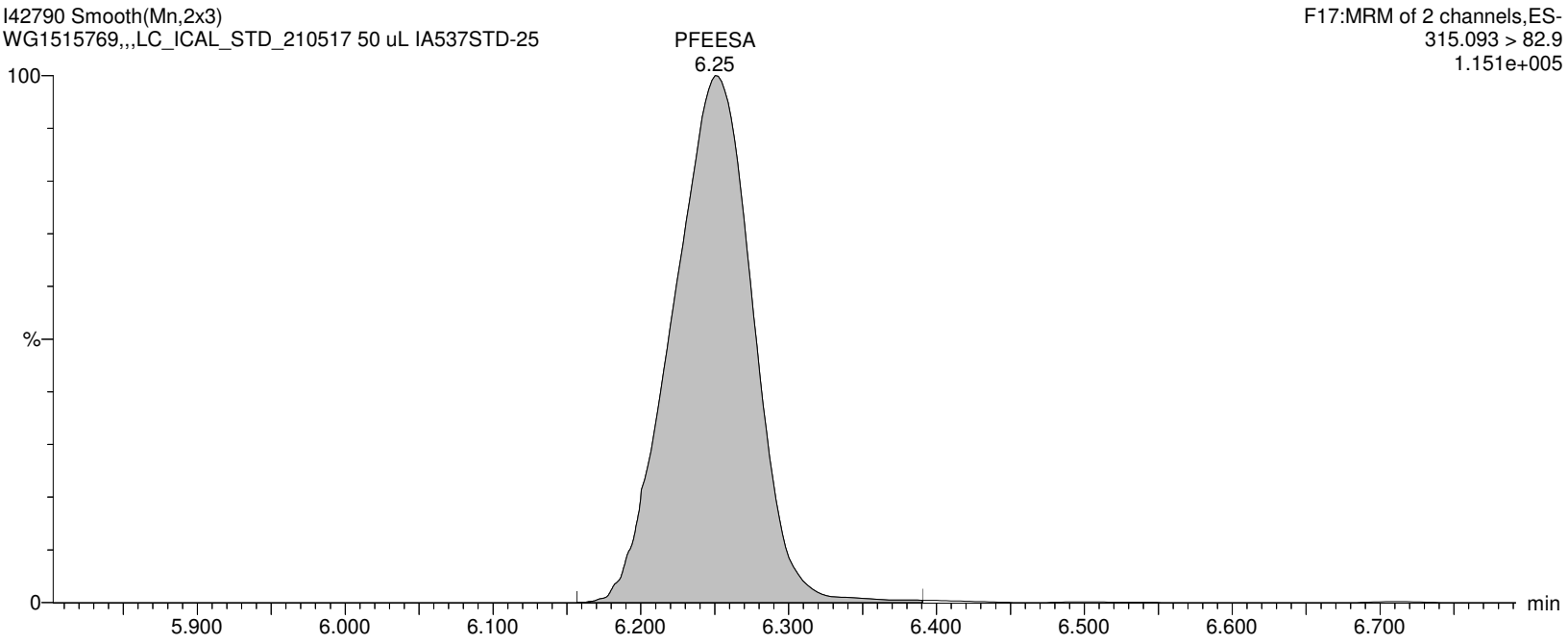
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFEESA



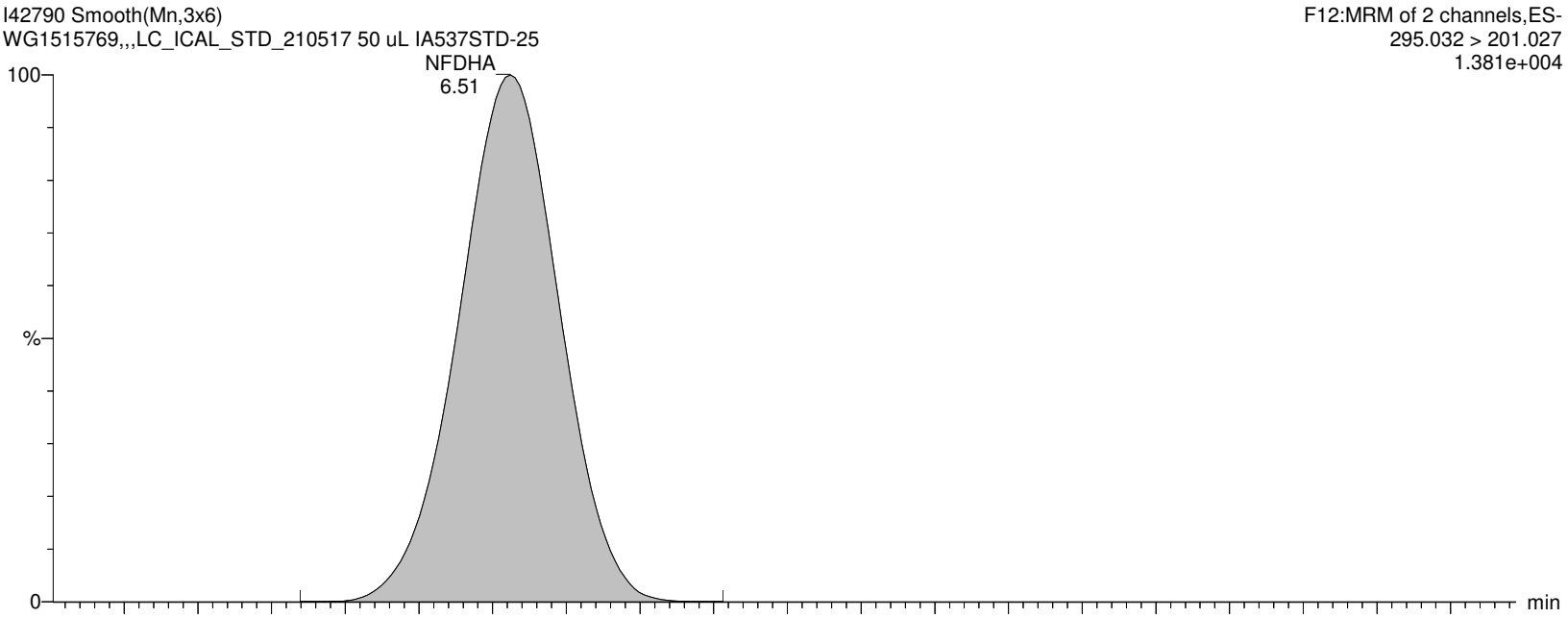


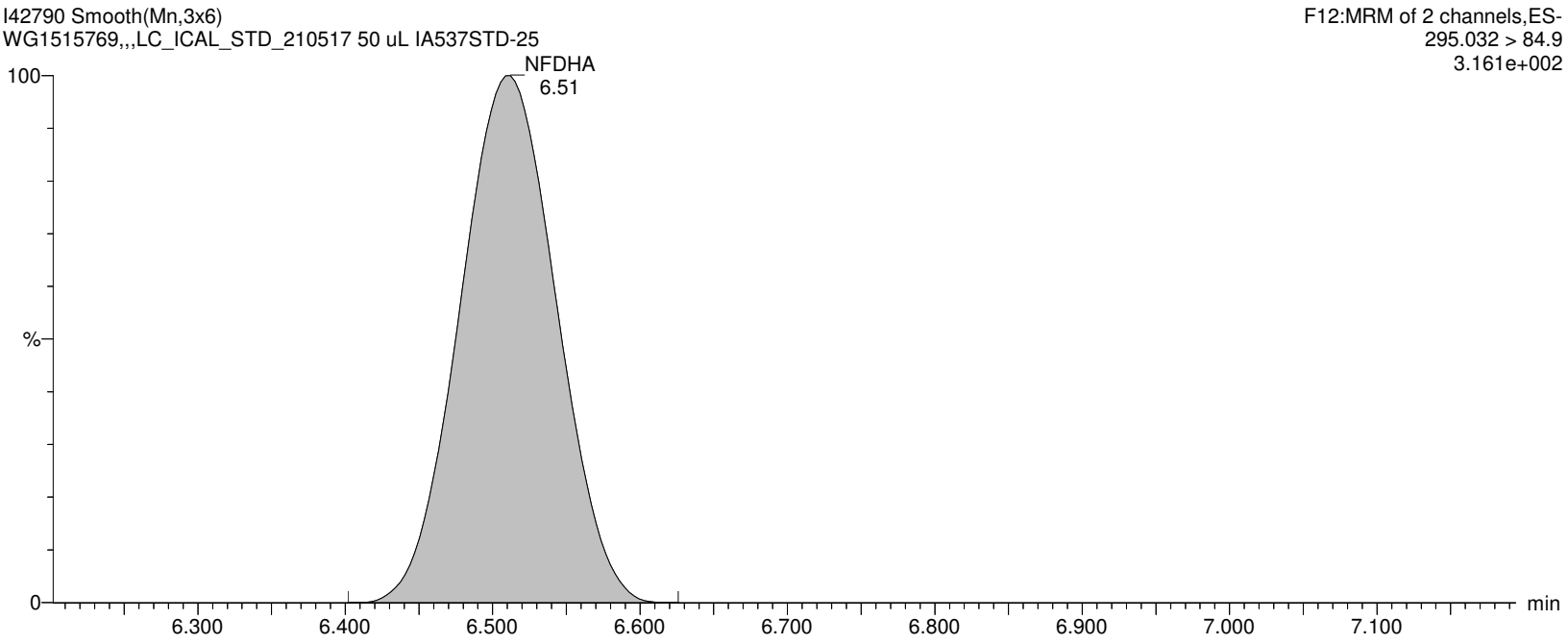
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NFDHA





all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\MethDB\537ISO_Q_210625_TOP_RT.mdb 22 Jun 2021 09:28:25
Calibration: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

ID: IA537STD-50
Name: I42791
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	1.97	213.032 > 169.022	236505		48.293		na	96.6
2	M3PFBA	INT STD	1.97	216.009 > 171.999	53345		10.161		na	101.6
3	MPFBA	INT STD	1.97	217.001 > 171.999	55028		9.594		na	95.9
4	PFPeA	2706-90-3	4.84	263.039 > 219.03	272713		48.283		na	96.6
5	M5PFPEA	INT STD	4.85	268.001 > 222.999	60027		9.537		na	95.4
6	PFBS	375-73-5	5.51	299.092 > 80.062	56096		42.754	1.92	NO	96.6
7	M3PFBS	INT STD	5.51	302.069 > 80.062	12077		9.676		na	96.8
8	4:2FTS	757124-72-4	6.66	327.146 > 307.139	20795		45.937	2.52	NO	98.3
9	M2-4:2FTS	INT STD	6.66	329.13 > 309.124	5424		10.844		na	108.4
10	PFHxA	307-24-4	6.74	313.047 > 269.037	317868		48.303	16.42	NO	96.6
11	M5PFHxA	INT STD	6.73	318.009 > 273.007	62022		9.586		na	95.9
12	PFPeS	2706-91-4	7.06	349.1 > 80.062	61045		48.170	2.25	NO	102.5
13	PFHpA	375-85-9	8.02	363.055 > 319.045	449167		47.837	5.62	NO	95.7
14	M4PFHpA	INT STD	8.01	367.025 > 322.022	92801		9.620		na	96.2
15	br-PFHxS	355-46-4	7.95	399.107 > 80.062	11522	M5,M7	8.711	2.18	NO	102.5
16	L-PFHxS	355-46-4	8.18	399.107 > 80.062	52628		35.181	1.67	NO	95.1
17	PFHxS	355-46-4		399.107 > 80.062	64150		43.892		na	
18	M3PFHxS	INT STD	8.18	402.084 > 80.062	13710		9.686		na	96.9
19	br-PFOA	335-67-1		413.063 > 369.053			ND		YES	
20	L-PFOA	335-67-1	8.96	413.063 > 369.053	484990		48.392	8.88	NO	96.8
21	PFOA	335-67-1		413.063 > 369.053	484990		48.392		na	
22	M8PFOA	INT STD	8.96	421.002 > 376.	103999		9.681		na	96.8
23	M2PFOA	INT STD	8.96	415.048 > 370.045	105814		9.991		na	99.9
24	6:2FTS	27619-97-2	8.92	427.161 > 407.155	22157		46.256	3.69	NO	97.4
25	M2-6:2FTS	INT STD	8.92	429.146 > 409.14	5712		11.124		na	111.2
26	PFHpS	375-92-8	9.05	449.115 > 80.062	41677		47.980	1.11	NO	101.0
27	PFNA	375-95-1	9.72	463.071 > 419.061	355761		48.837	3.89	NO	97.7
28	M9PFNA	INT STD	9.72	472.002 > 427.	29163		9.451		na	94.5
29	br-PFOS	1763-23-1	9.59	499.123 > 80.062	15332	M5,M7	10.448	4.13	NO	104.5
30	L-PFOS	1763-23-1	9.77	499.123 > 80.062	41580		37.580	1.76	NO	103.0
31	PFOS	1763-23-1		499.123 > 80.062	56912		48.028		na	
32	M4PFOS	INT STD	9.77	503.093 > 80.062	11313		9.995		na	99.9
33	M8PFOS	INT STD	9.77	507.062 > 80.062	12124		9.564		na	95.6
34	PFDA	335-76-2	10.34	513.078 > 469.069	297775		47.254	5.56	NO	94.5
35	M2PFDA	INT STD	10.34	515.053 > 469.934	58448		9.581		na	95.8
36	M6PFDA	INT STD	10.34	519.033 > 474.03	63326		9.546		na	95.5
37	8:2FTS	39108-34-4	10.32	527.177 > 507.171	9869		46.282	4.85	NO	96.4
38	M2-8:2FTS	INT STD	10.33	529.162 > 509.155	3973		10.524		na	105.2
39	PFNS	68259-12-1	10.37	549.131 > 80.062	44891		47.928	1.42	NO	99.9

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

ID: IA537STD-50
Name: I42791
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.75	573.22 > 419.061	6170		9.868		na	98.7
41	br-NMeFOSAA		10.60	570.202 > 419.061	3275	M5,M7	13.100	1.24	NO	109.2
42	L-NMeFOSAA		10.76	570.202 > 419.061	26162		38.921	2.38	NO	102.4
43	NMeFOSAA	2355-31-9		570.202 > 419.061	29437		52.021		na	
44	PFUnA	2058-94-8	10.87	563.086 > 519.076	270912		47.898	9.52	NO	95.8
45	M7-PFUDA	INT STD	10.87	570.033 > 525.031	56072		9.063		na	90.6
46	PFDS	335-77-3	10.89	599.139 > 80.062	48262		47.952	1.66	NO	99.4
47	FOSA	754-91-6	10.94	498.146 > 78.07	148920		48.399	123.71	NO	96.8
48	M8FOSA	INT STD	10.94	506.077 > 78.07	35940		10.006		na	100.1
49	br-NEtFOSAA		10.91	584.229 > 419.061	2118	M5,M7	12.095	0.61	NO	107.5
50	L-NEtFOSAA		11.06	584.229 > 419.061	19402		38.082	1.24	NO	98.3
51	NEtFOSAA	2991-50-6		584.229 > 419.061	21521		50.177		na	
52	d5-NEtFOSAA	INT STD	11.05	589.259 > 419.061	5164		9.994		na	99.9
53	PFDoA	307-55-1	11.34	613.094 > 569.084	283618		46.949	18.11	NO	93.9
54	MPFDOA	INT STD	11.34	615.079 > 570.077	57527		9.638		na	96.4
55	PFTrDA	72629-94-8	11.75	663.102 > 619.092	227767		52.099	11.00	NO	104.2
56	PFTA	376-06-7	12.10	713.11 > 669.1	174648		48.744	9.00	NO	97.5
57	M2PFTEDA	INT STD	12.10	715.094 > 670.092	18403		9.830		na	98.3
58	M3HFPO-DA	INT STD	7.17	287.02 > 169.022	4883		163.109		na	81.6
59	HFPO-DA	13252-13-6	7.16	285.035 > 169.022	11872		500.785	2.00	NO	100.2
60	ADONA	958445-44-8	8.20	377.06 > 251.028	383146		46.392	41.02	NO	98.1
61	PFHxDA		12.63	813.122 > 769.116	89211		49.124	22.05	NO	98.2
62	PFODA		12.86	913.411 > 869.131	10771	M4	48.442	21.53	NO	96.9
63	M2PFHxDA		12.63	815.102 > 770.108	27468		10.016		na	100.2
64	PFDoS		11.74	699.154 > 80.062	32716		49.766	2.21	NO	99.5
65	M2D4-10:2FTS		11.34	633.201 > 612.189	3728	M4	18.655		na	94.4
66	10:2FTS		11.35	627.192 > 607.186	9724	M2,M7	44.396	2.04	NO	92.1
67	9CL-PF3ONS		10.12	530.862 > 350.843	223637		45.823	2.69	NO	98.3
68	11CL-PFOUdS		11.15	630.862 > 450.854	207330		45.881	3.02	NO	97.4
69	NMeFOSA		11.56	512.163 > 169.022	148760		244.057	1.63	NO	97.6
70	d3-NMeFOSA		11.55	515.183 > 169.022	75272		102.291		na	102.3
71	NEtFOSA		11.86	526.192 > 169.022	161162		241.735	4.81	NO	96.7
72	d5-NEtFOSA		11.85	531.222 > 169.022	84061		102.902		na	102.9
73	NMeFOSE		11.56	615.8 > 59.045	172534		126.820		na	101.5
74	d7-NMeFOSE		11.54	622.84 > 59.045	62905		104.242		na	104.2
75	NEtFOSE		11.85	629.862 > 59.045	197117		116.490		na	93.2
76	d9-NEtFOSE		11.83	638.734 > 59.045	66566		109.239		na	109.2
77	M3PFPeA		4.85	266.017 > 222.007	68343		10.083		na	100.8
78	M2PFHxA		6.74	315.032 > 270.03	68752		9.963		na	99.6
79	M4PFOA		8.96	417.032 > 372.03	107145		10.076		na	100.8
80	PFPrS	423-41-6	3.32	249.084 > 80.062	58673		46.784	2.90	NO	102.1
81	PFMPA		3.30	229.032 > 85.006	176293		49.722		na	99.4
82	PFMBA		5.56	279.042 > 85.006	192846		49.698		na	99.4

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

ID: IA537STD-50
Name: I42791
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
83	PFEESA		6.25	315.093 > 135.013	309059		45.653	20.58	NO	102.6
84	NFDHA		6.51	295.032 > 201.027	2465		50.767	45.84	NO	101.5

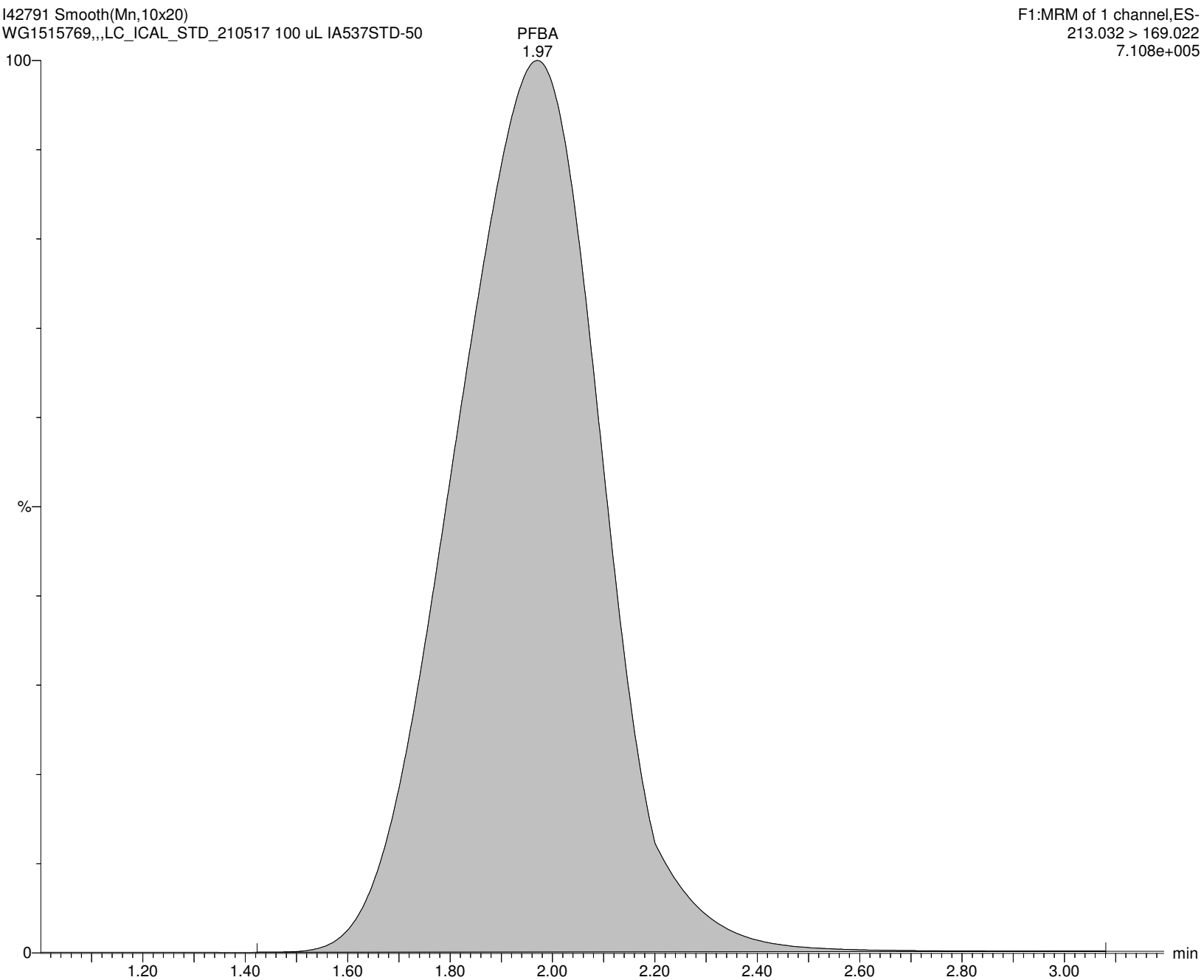
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\MethDB\537ISO_Q_210625_TOP_RT.mdb 22 Jun 2021 09:28:25
Calibration: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBA

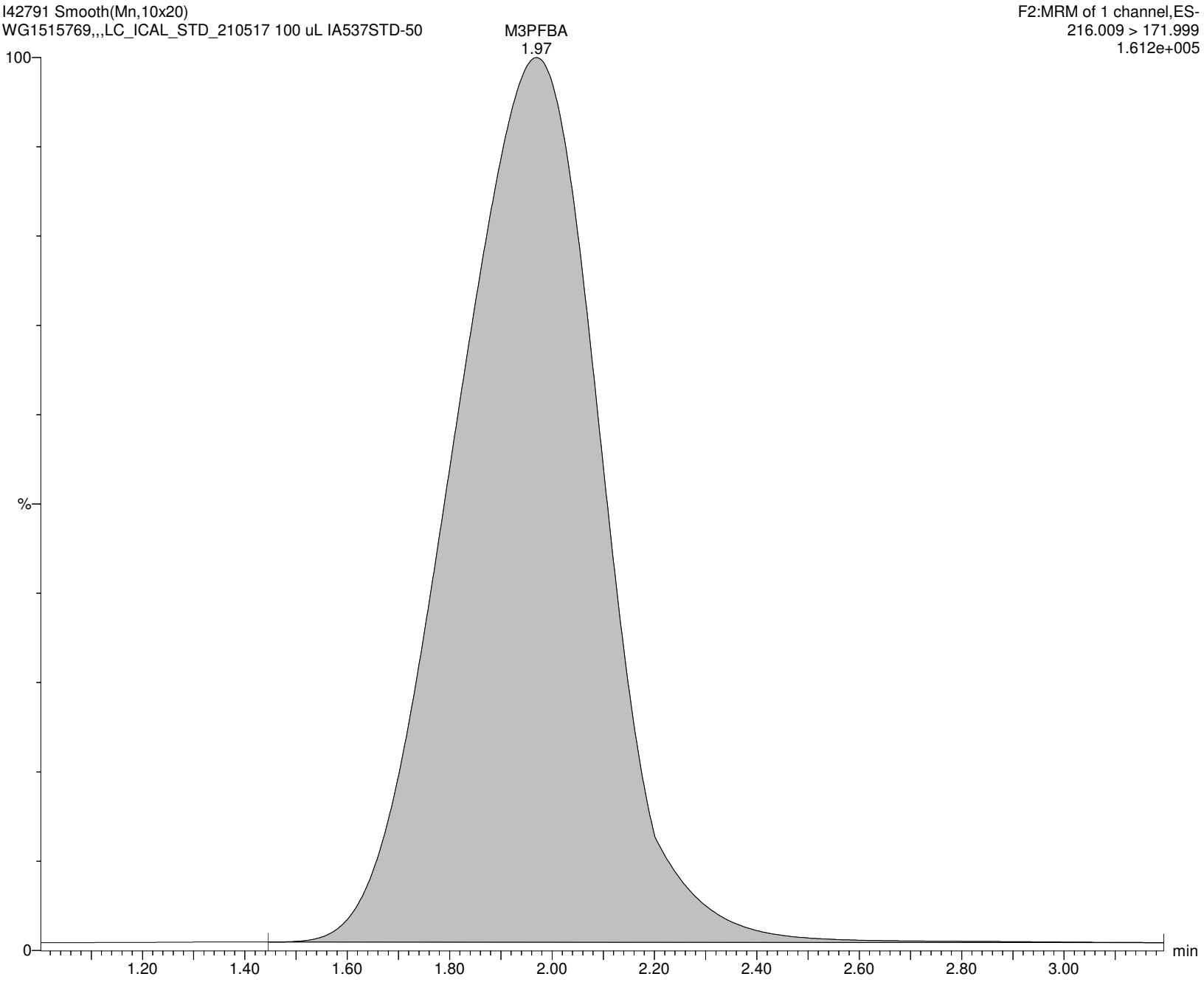


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBA

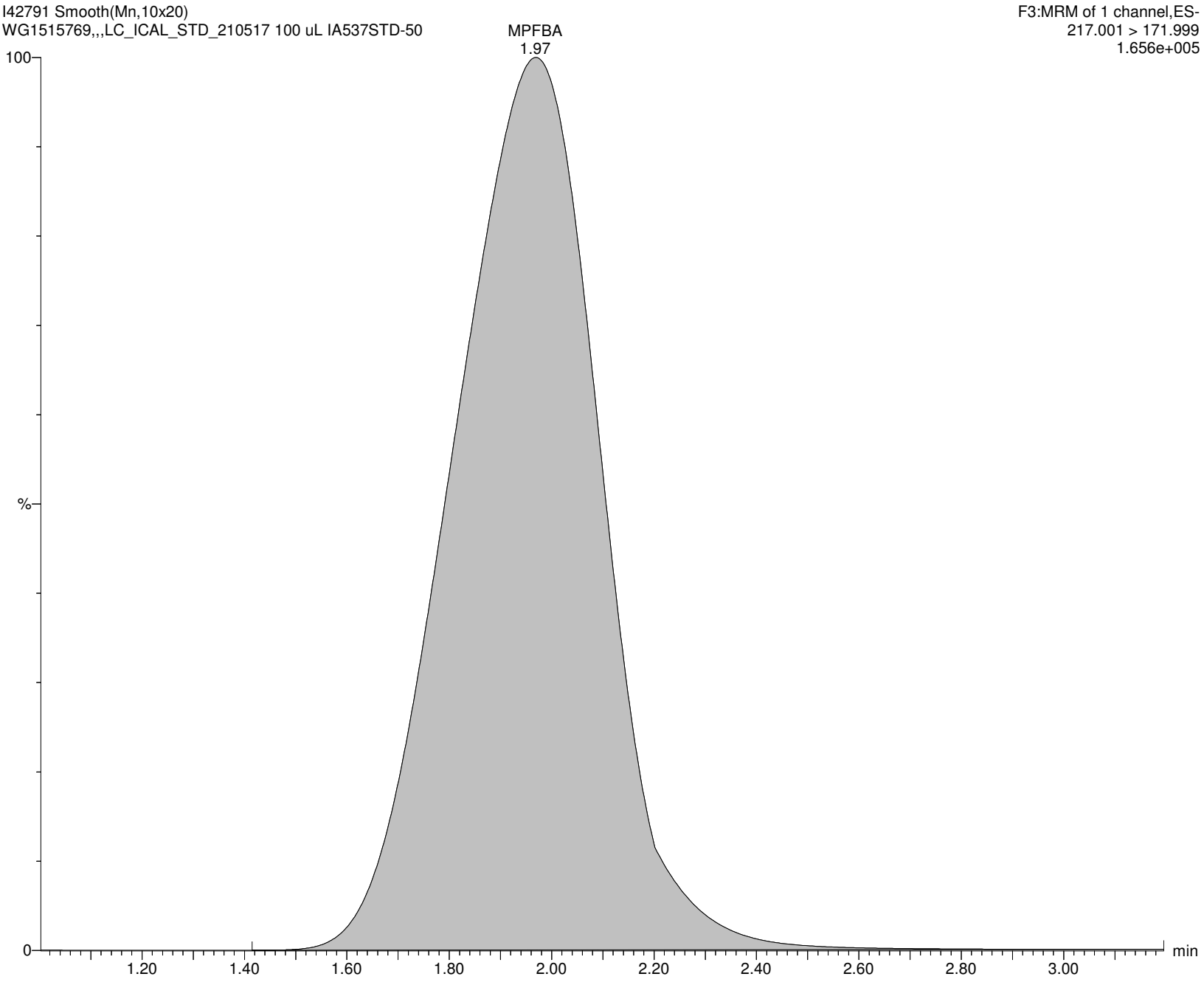


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFBA

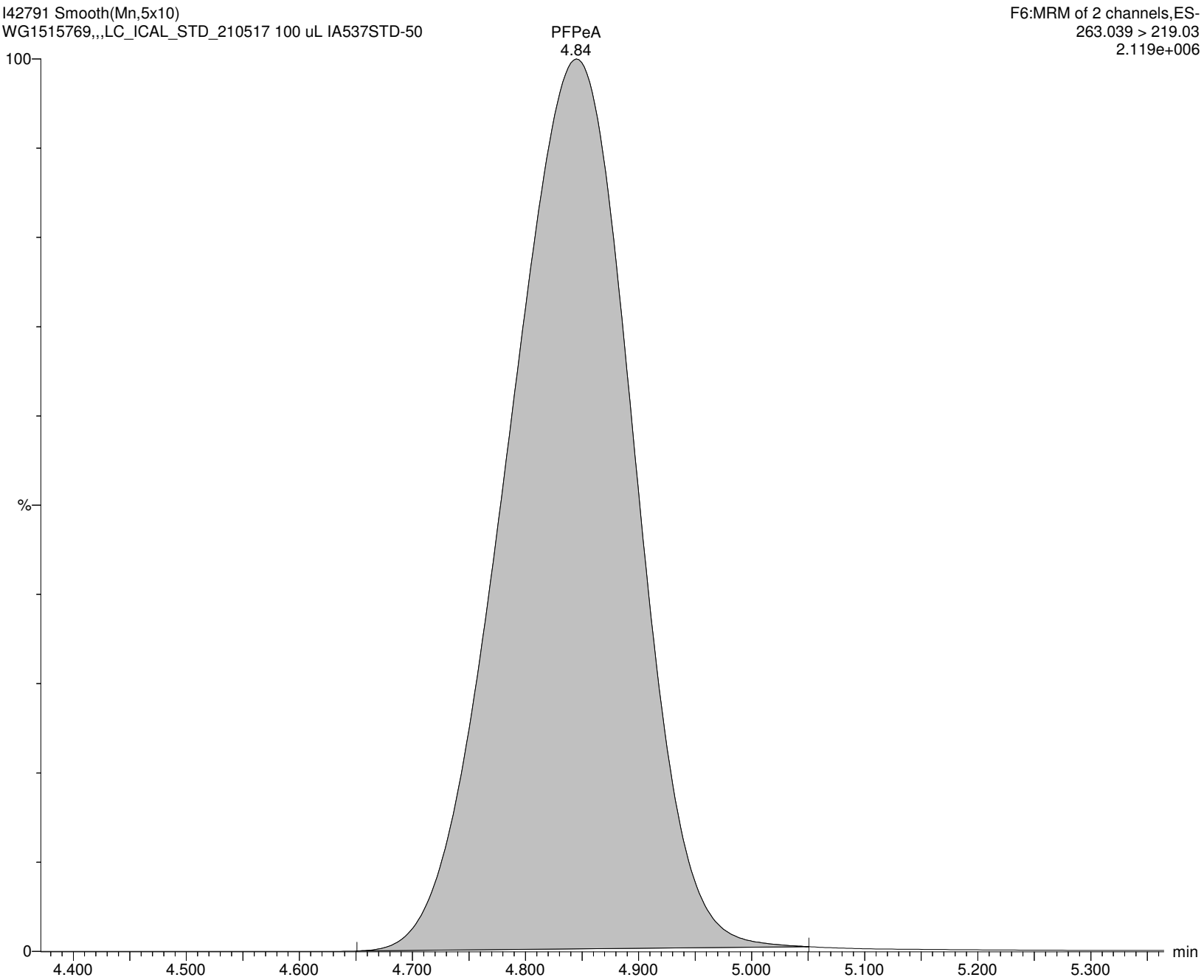


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeA

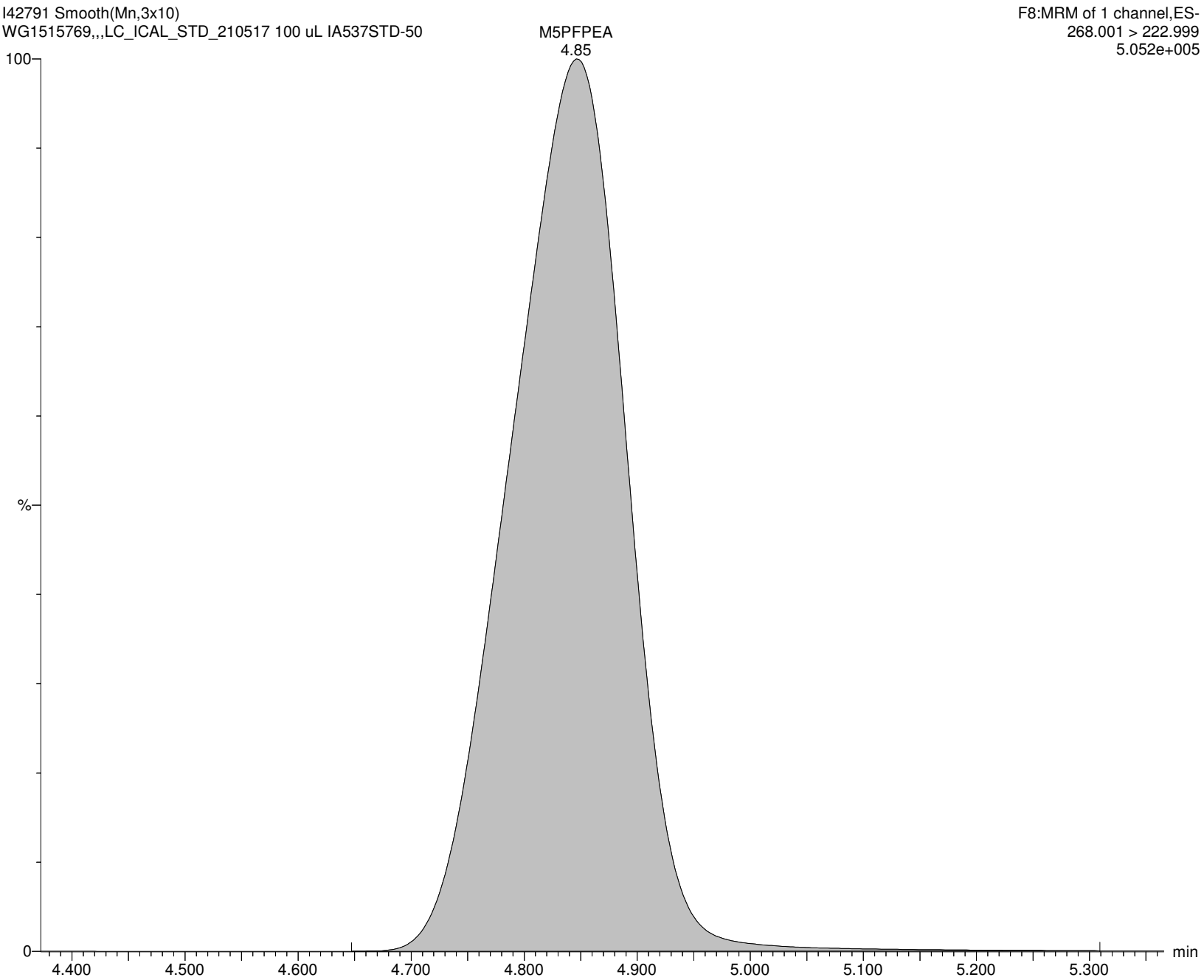


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFPEA

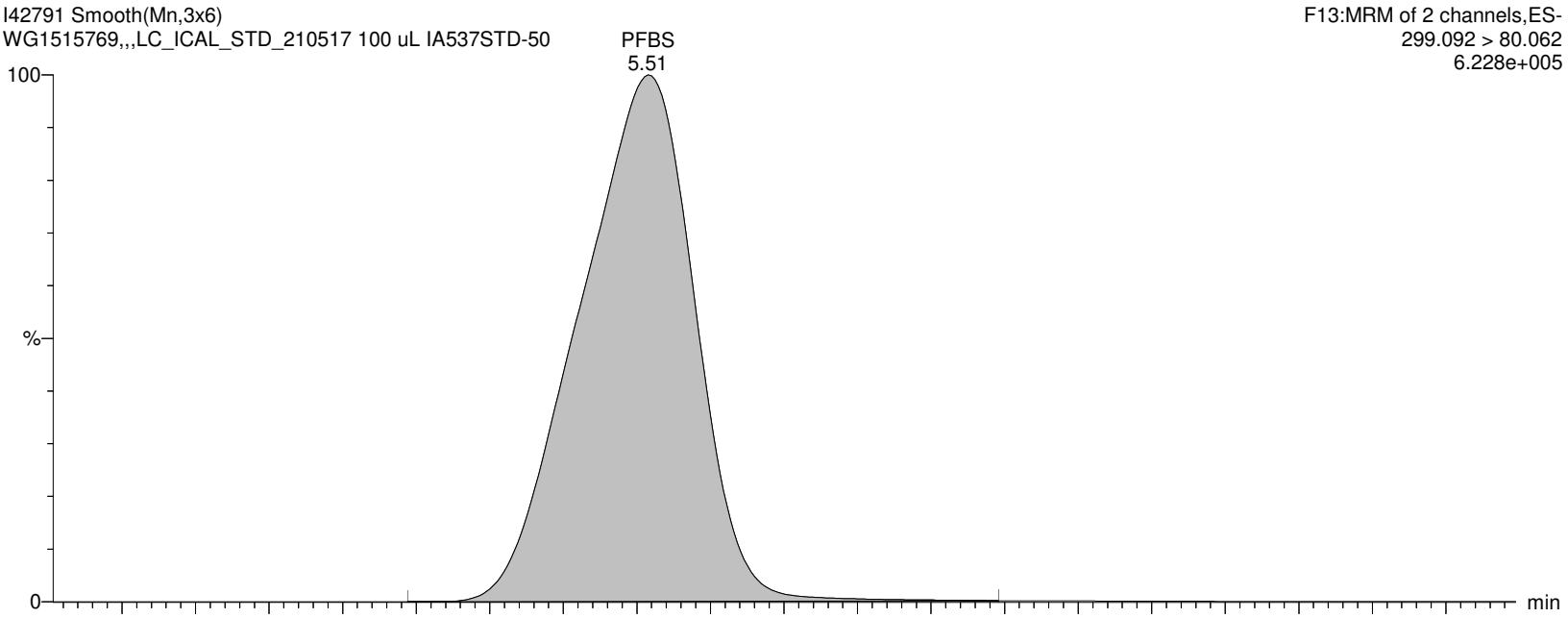


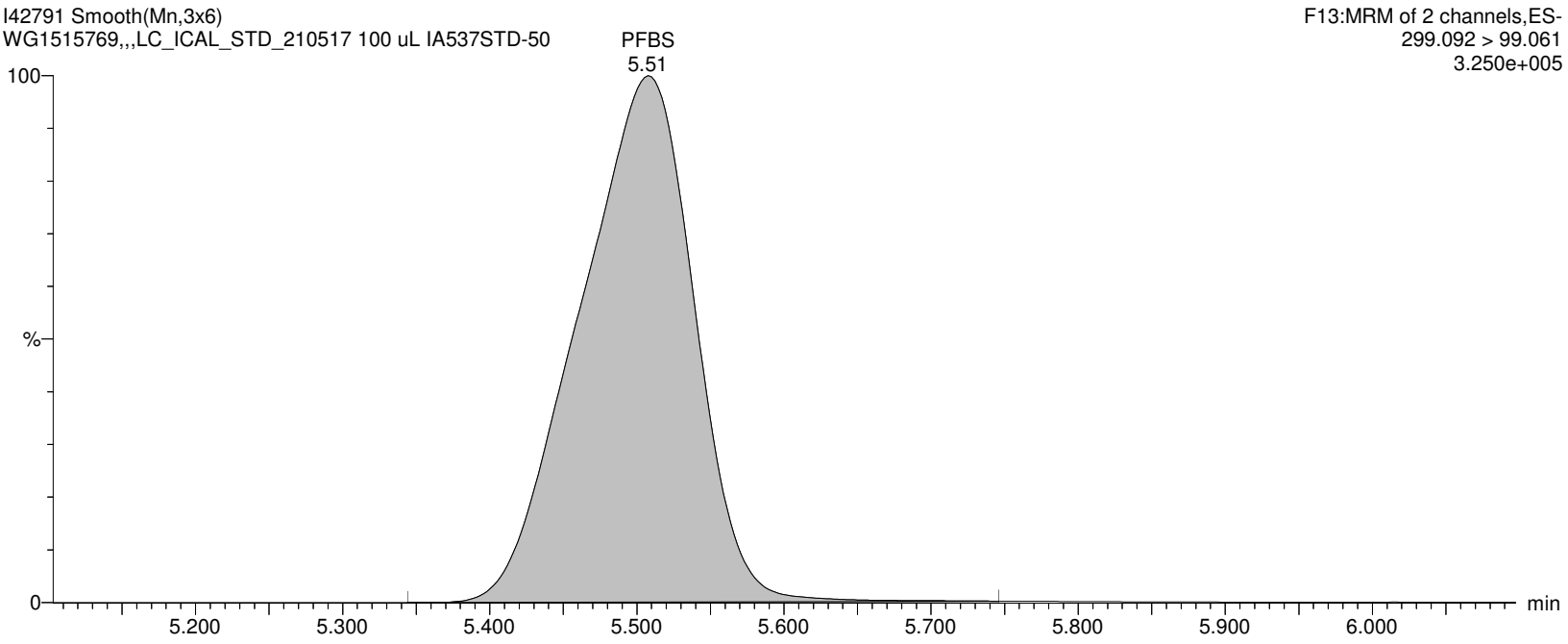
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBS



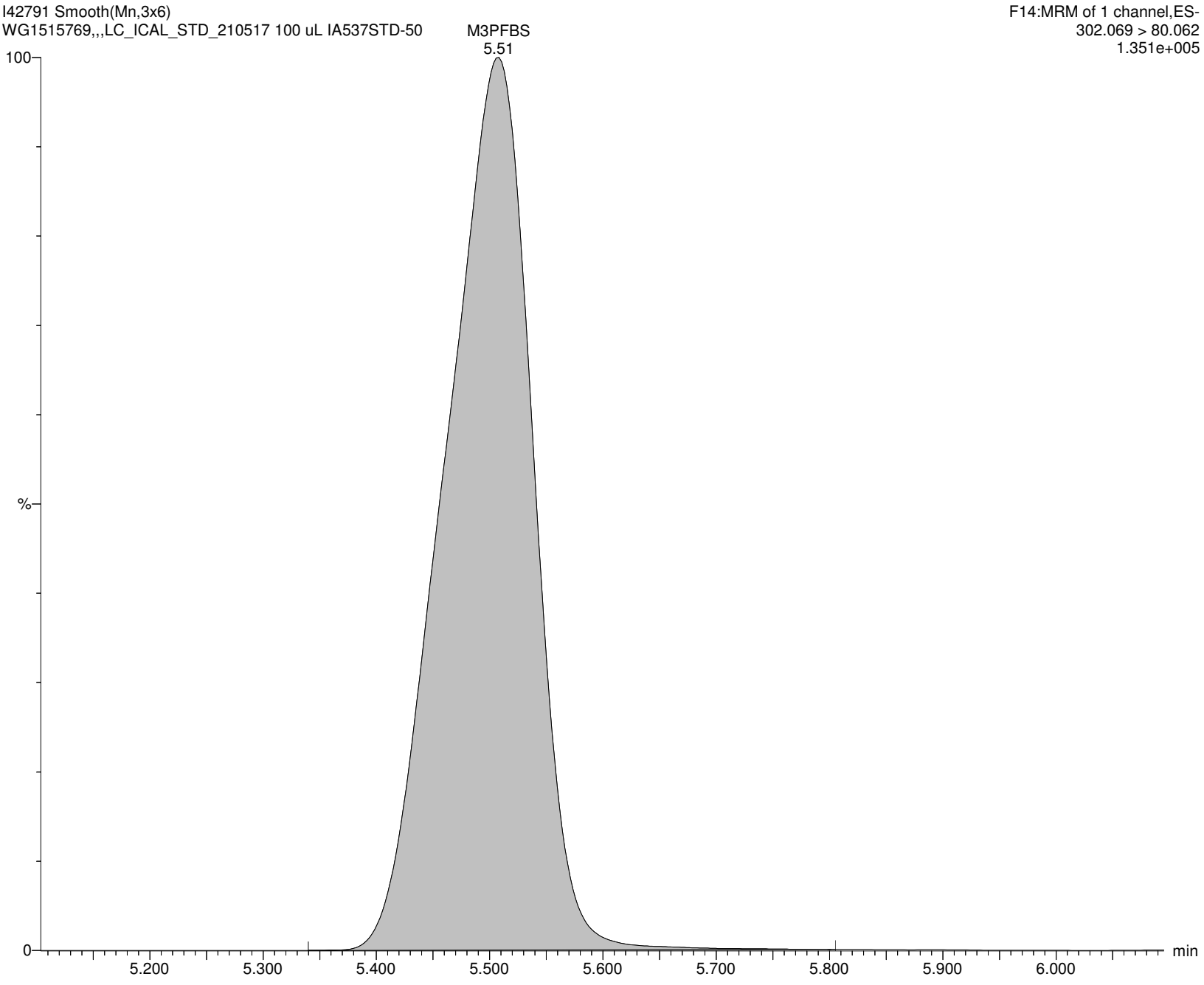


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBS

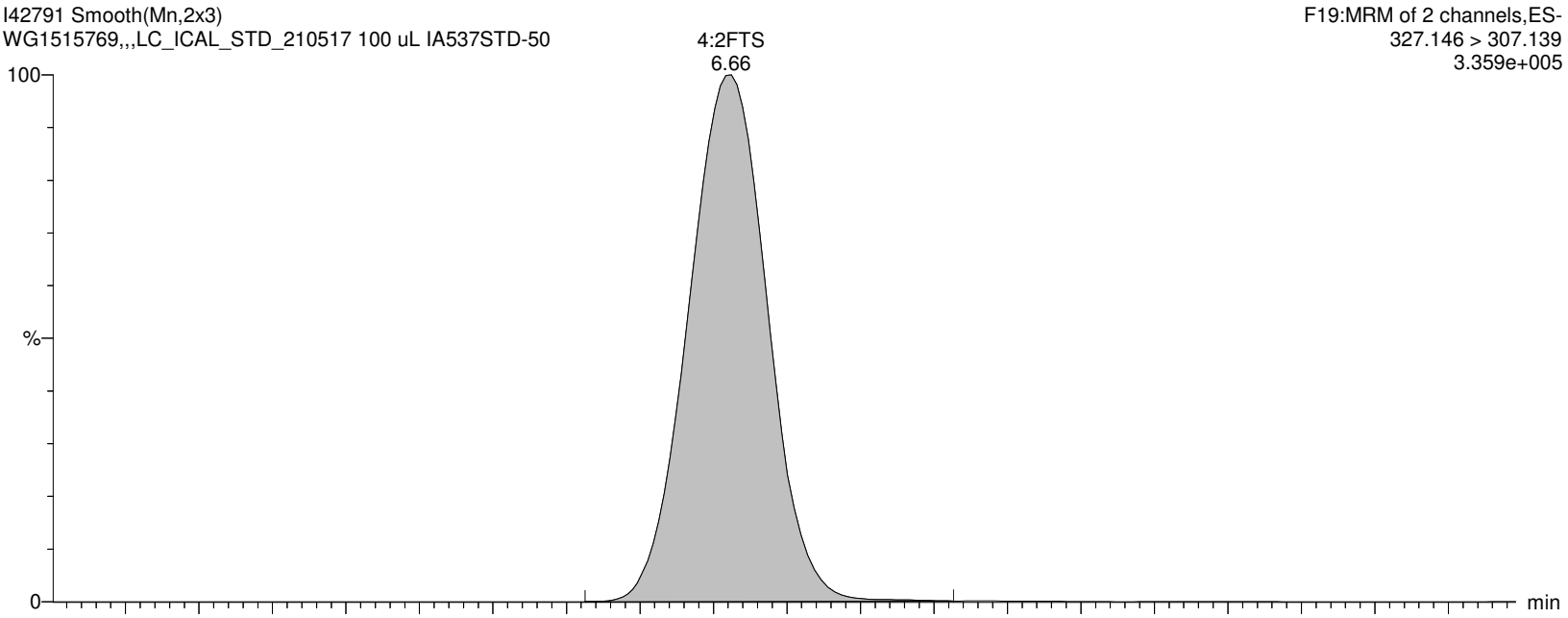


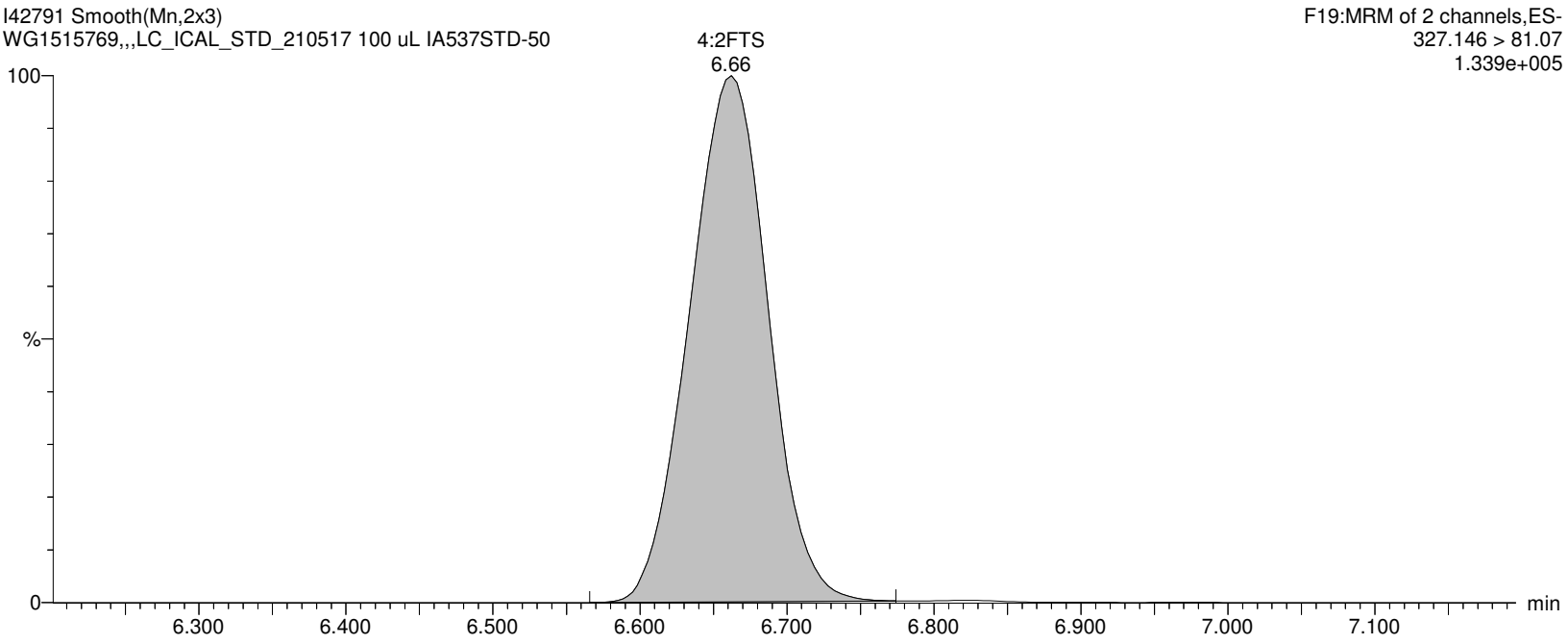
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

4:2FTS



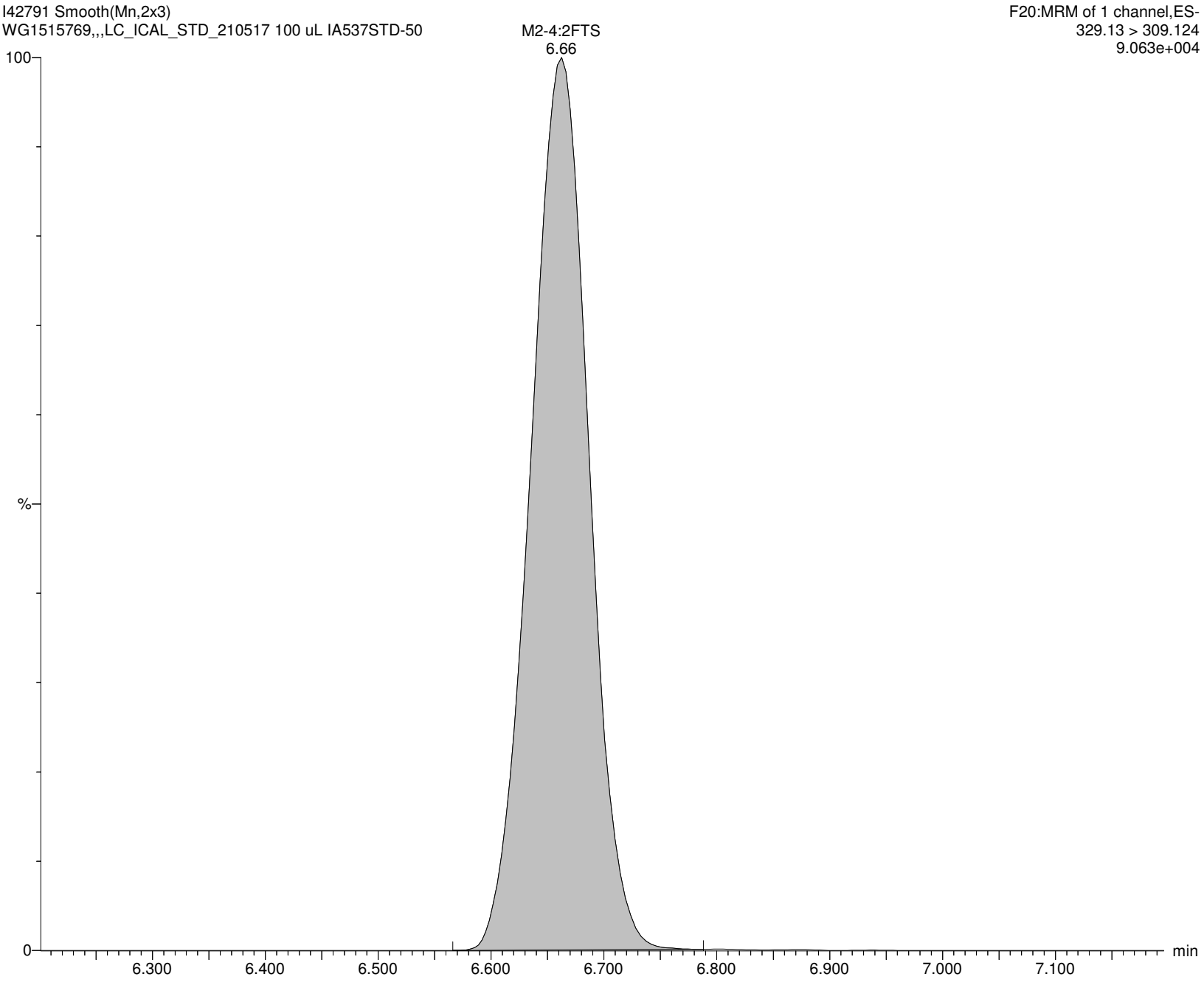


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-4:2FTS

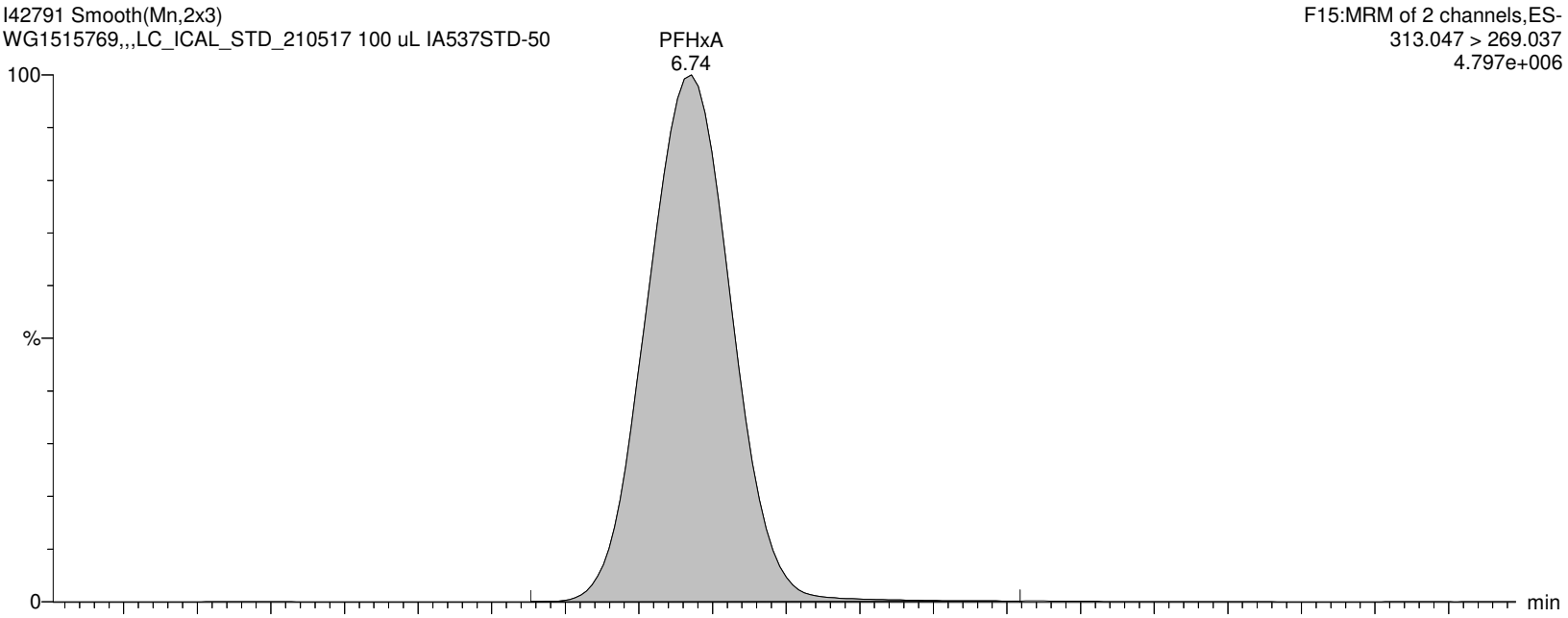


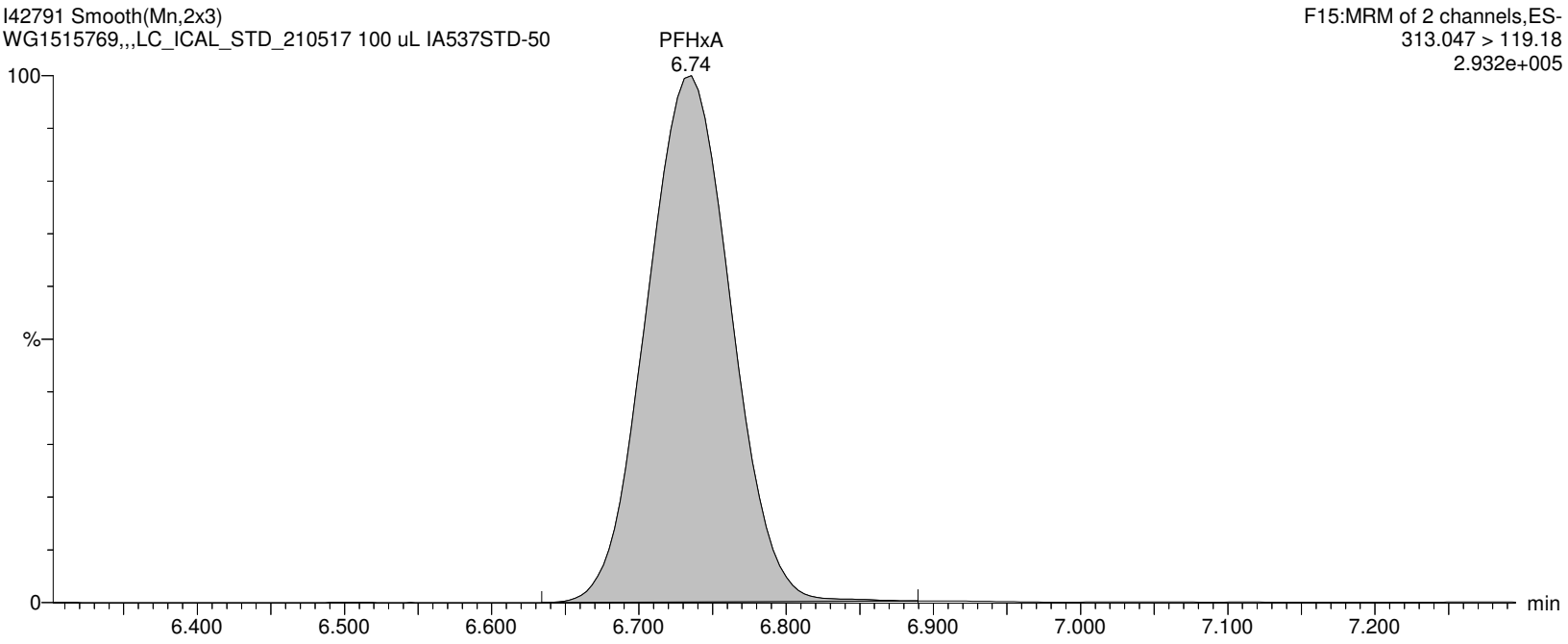
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxA



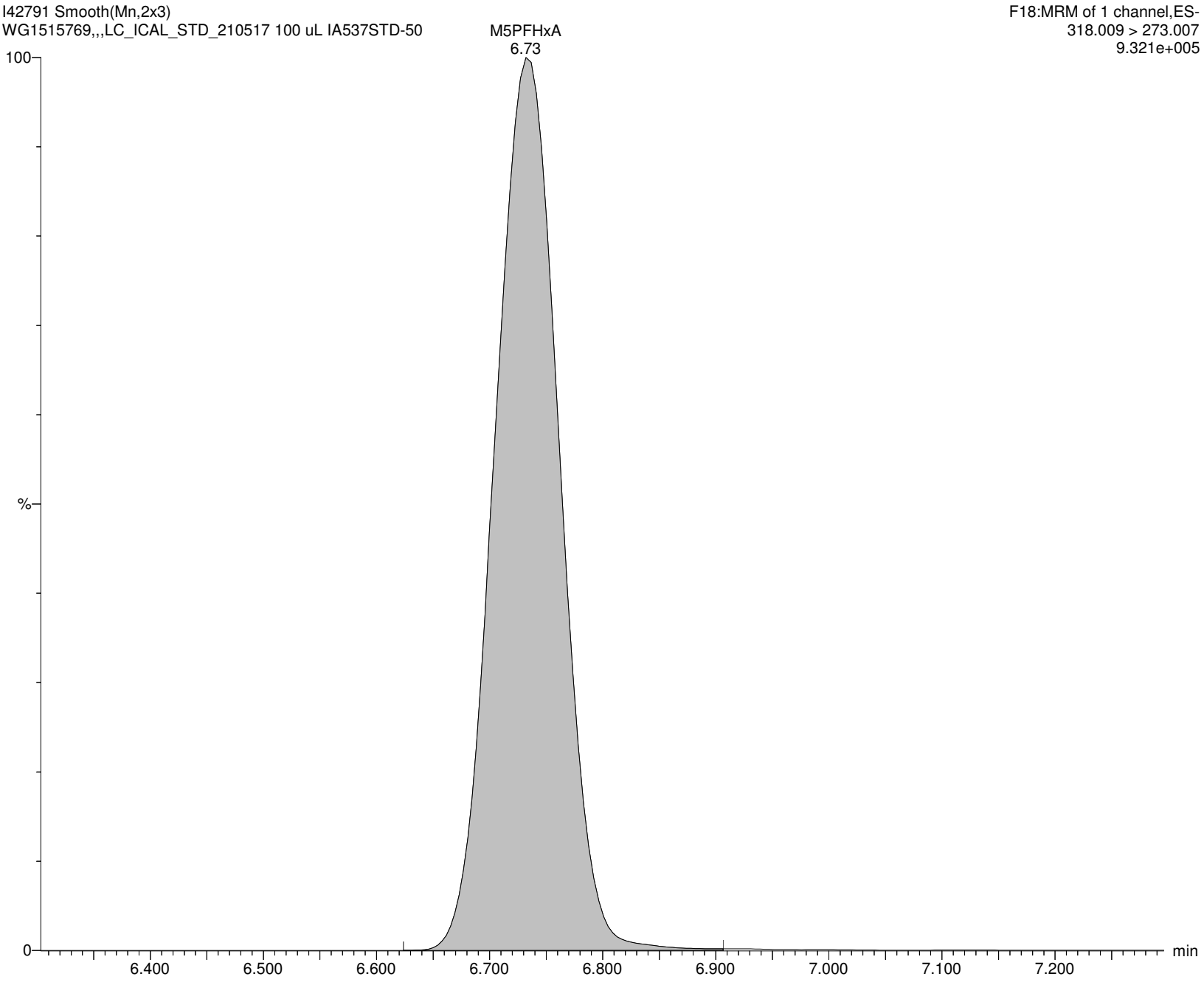


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFHxA

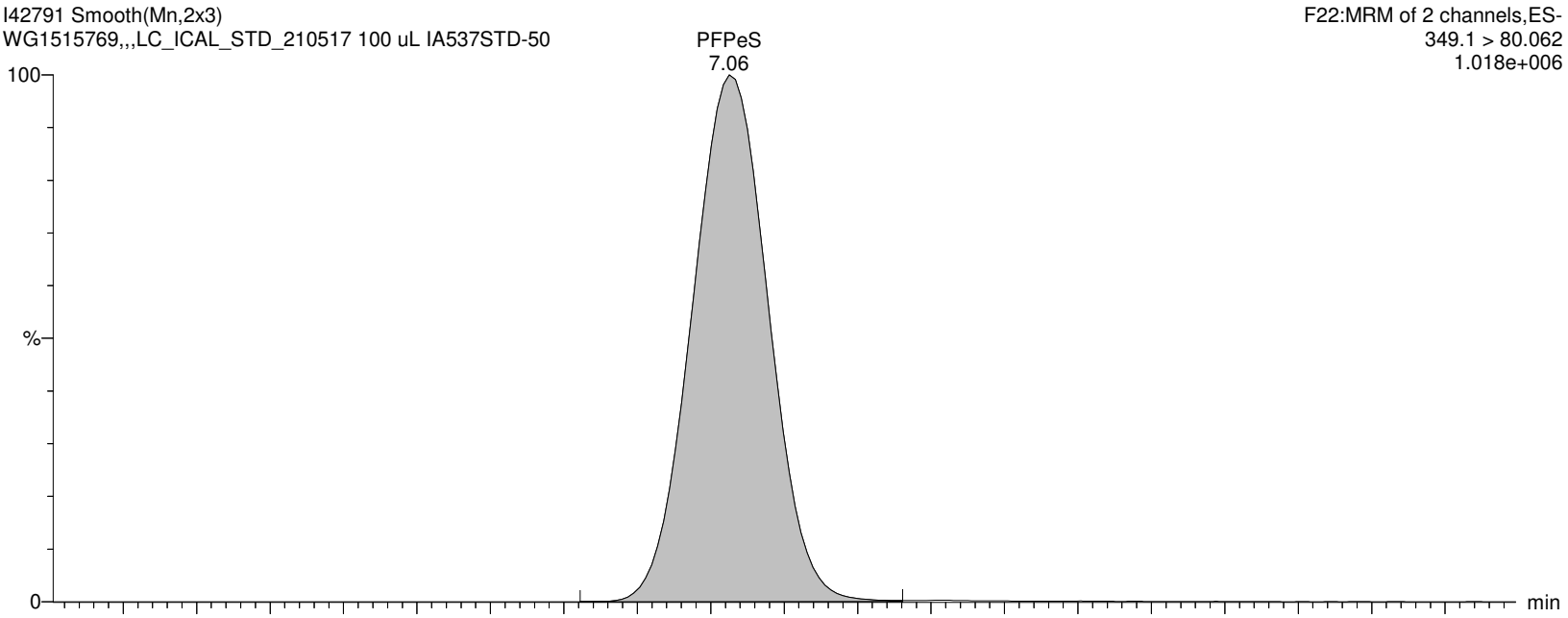


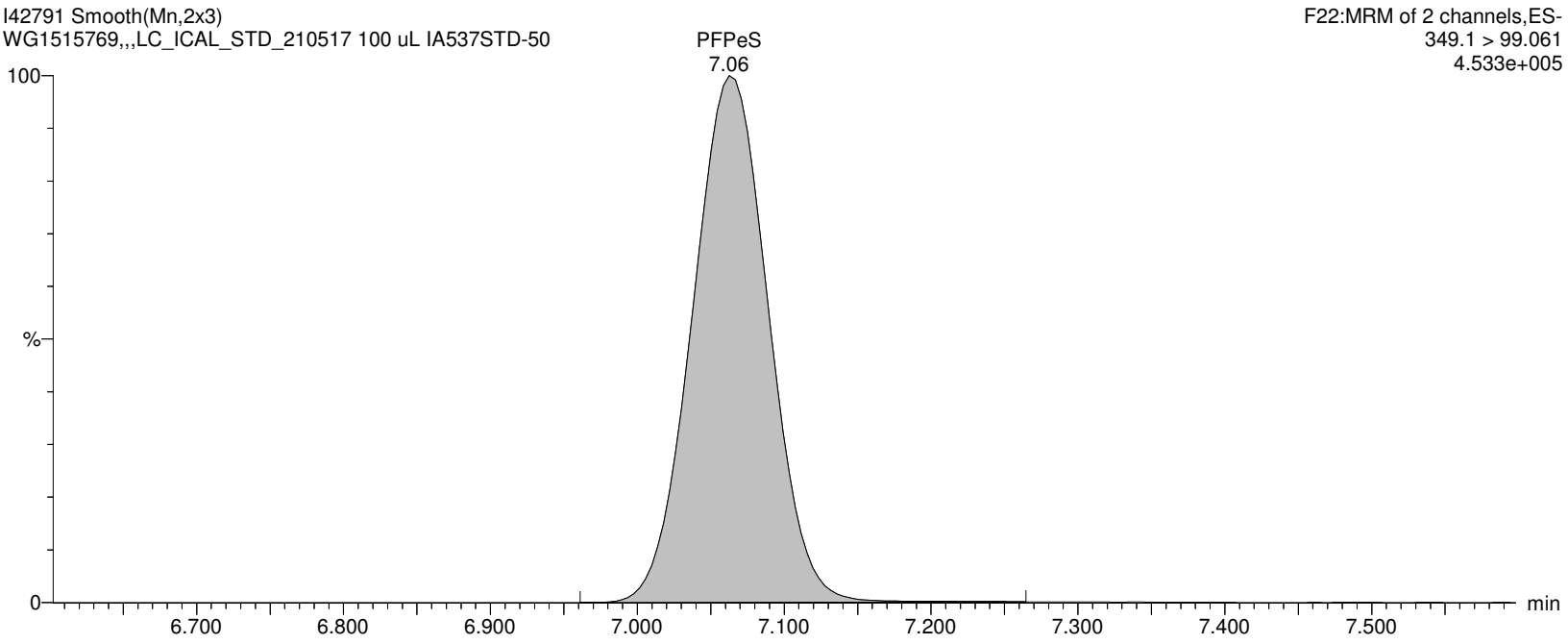
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeS



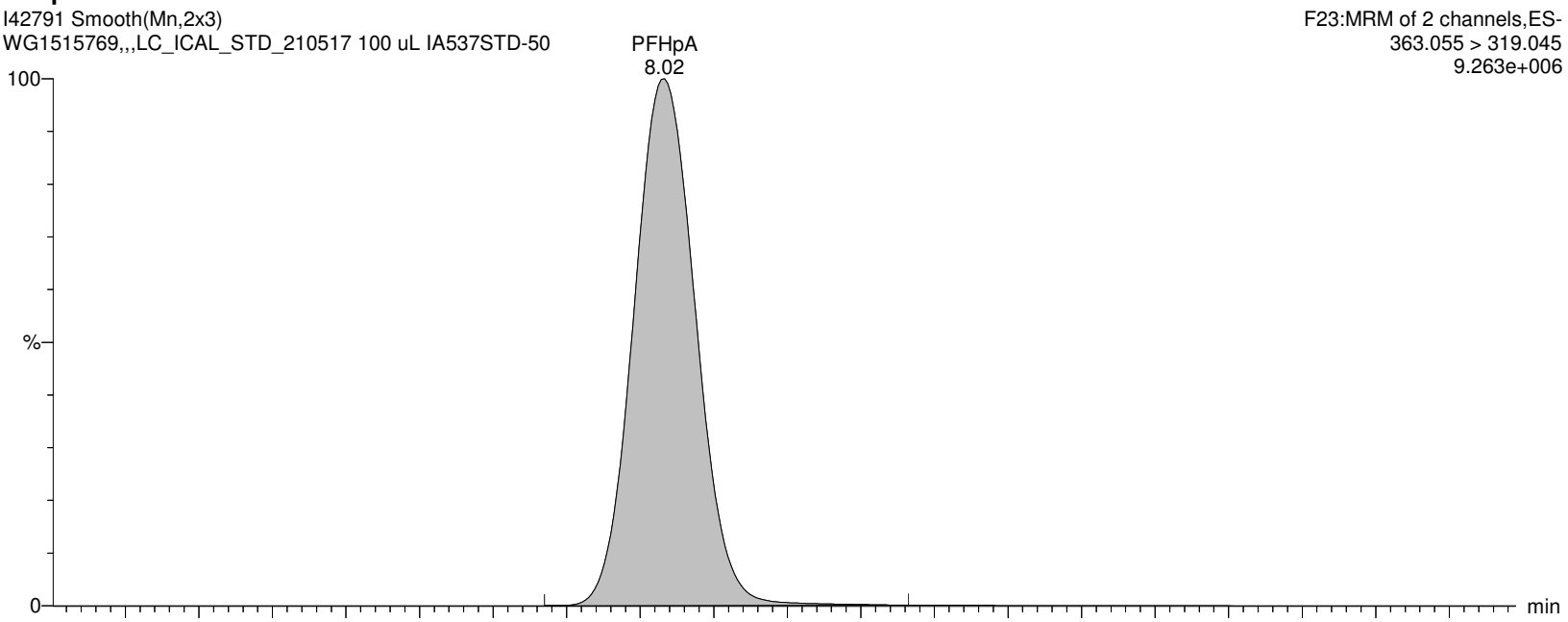


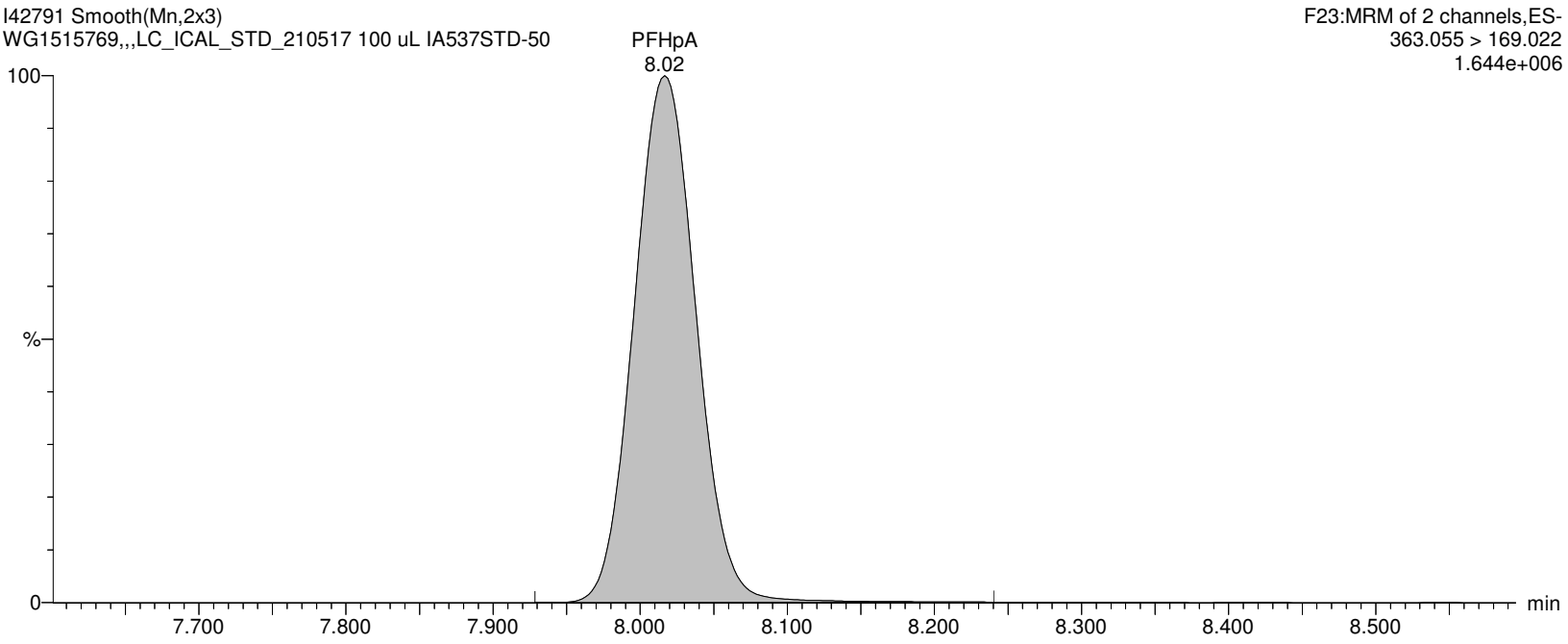
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpA



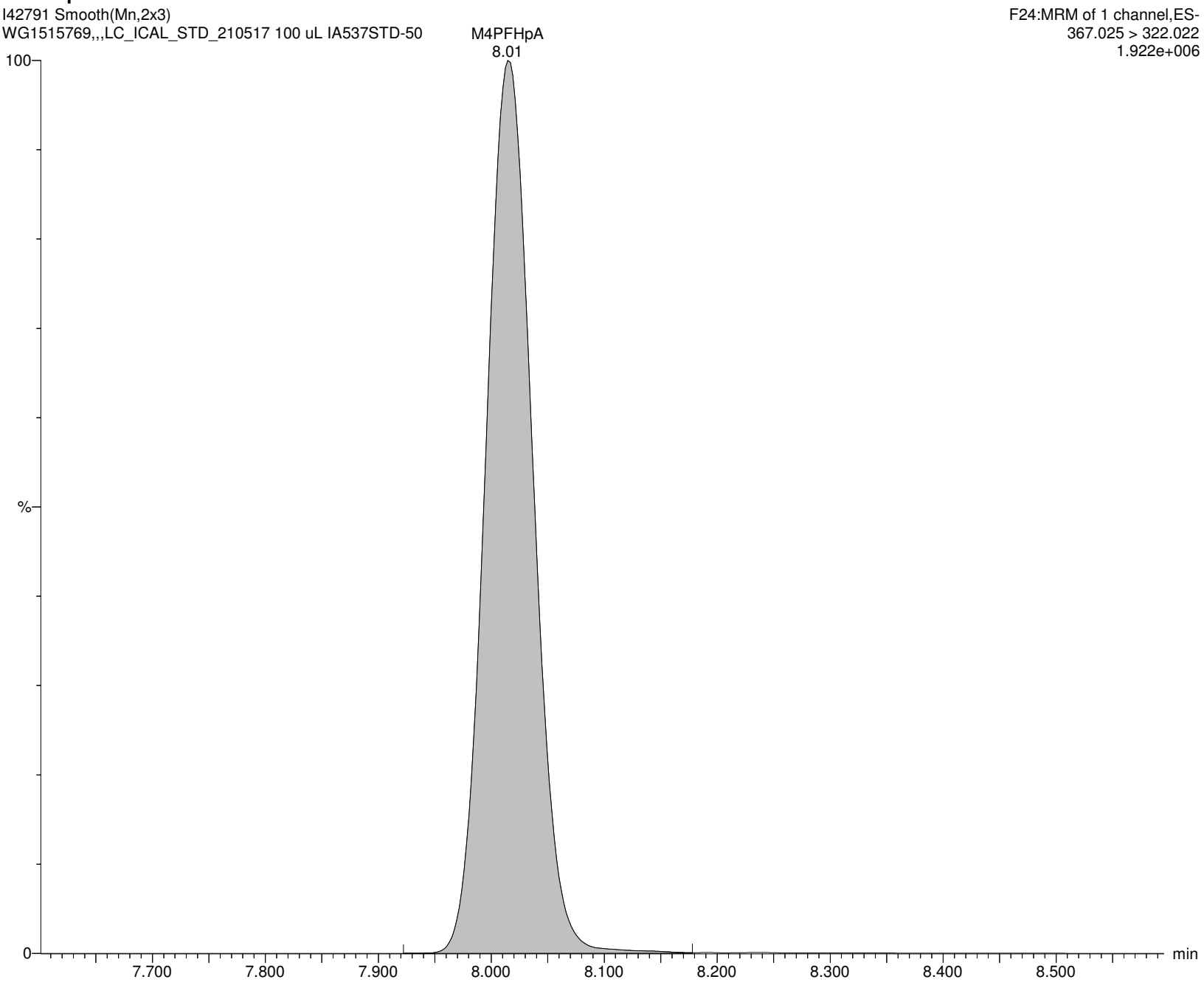


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFHpA

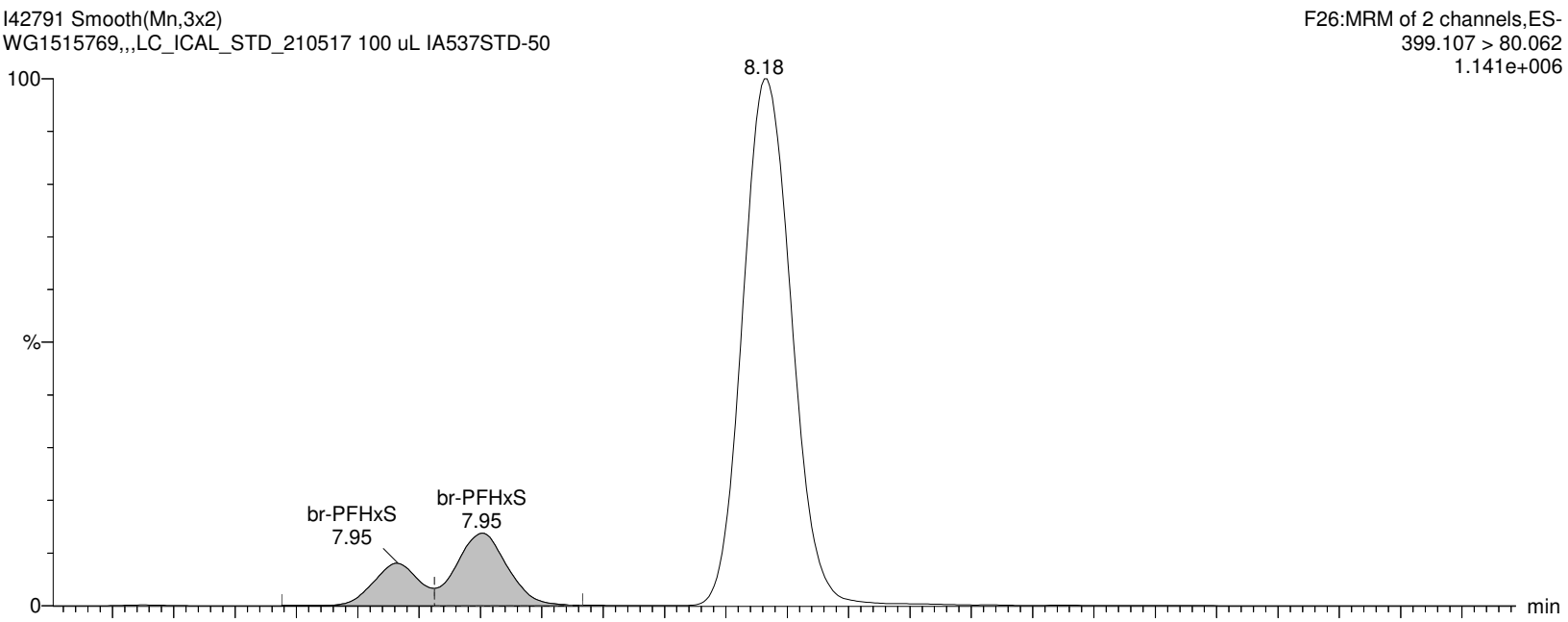


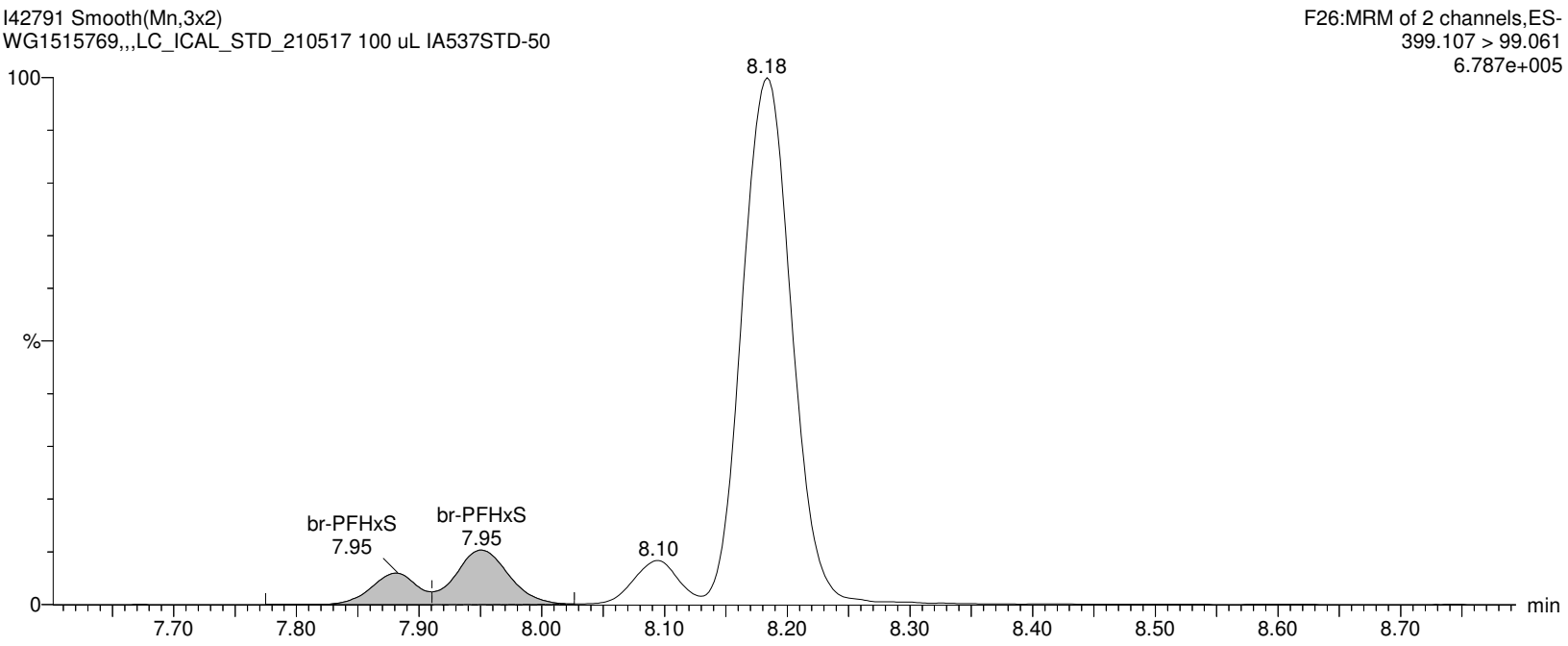
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFHxS



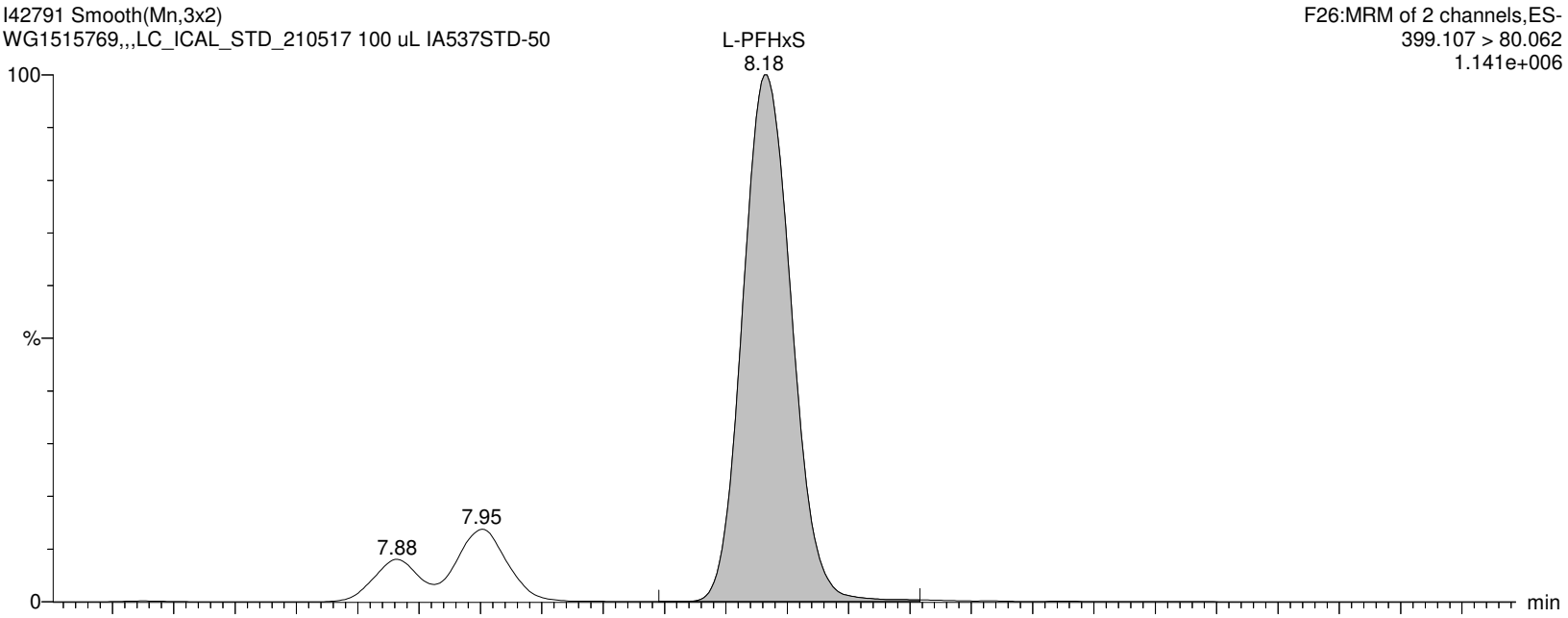


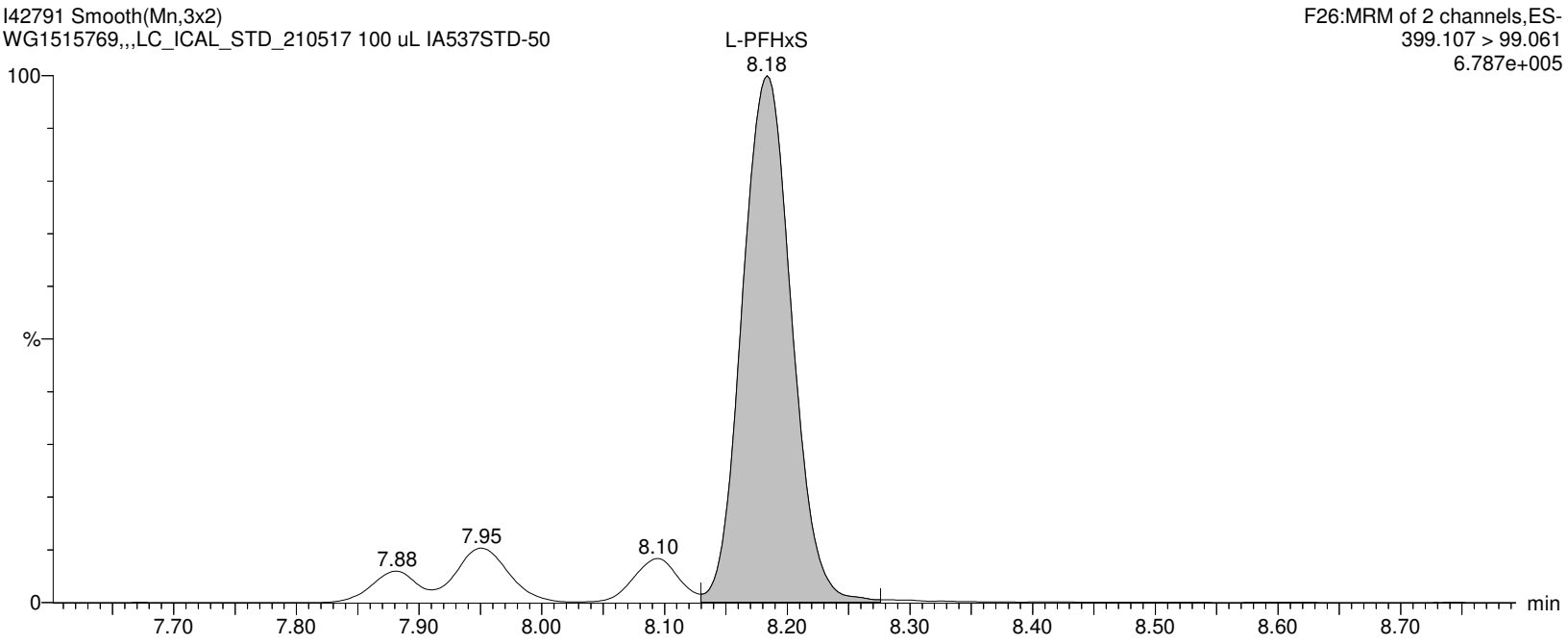
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFHxS



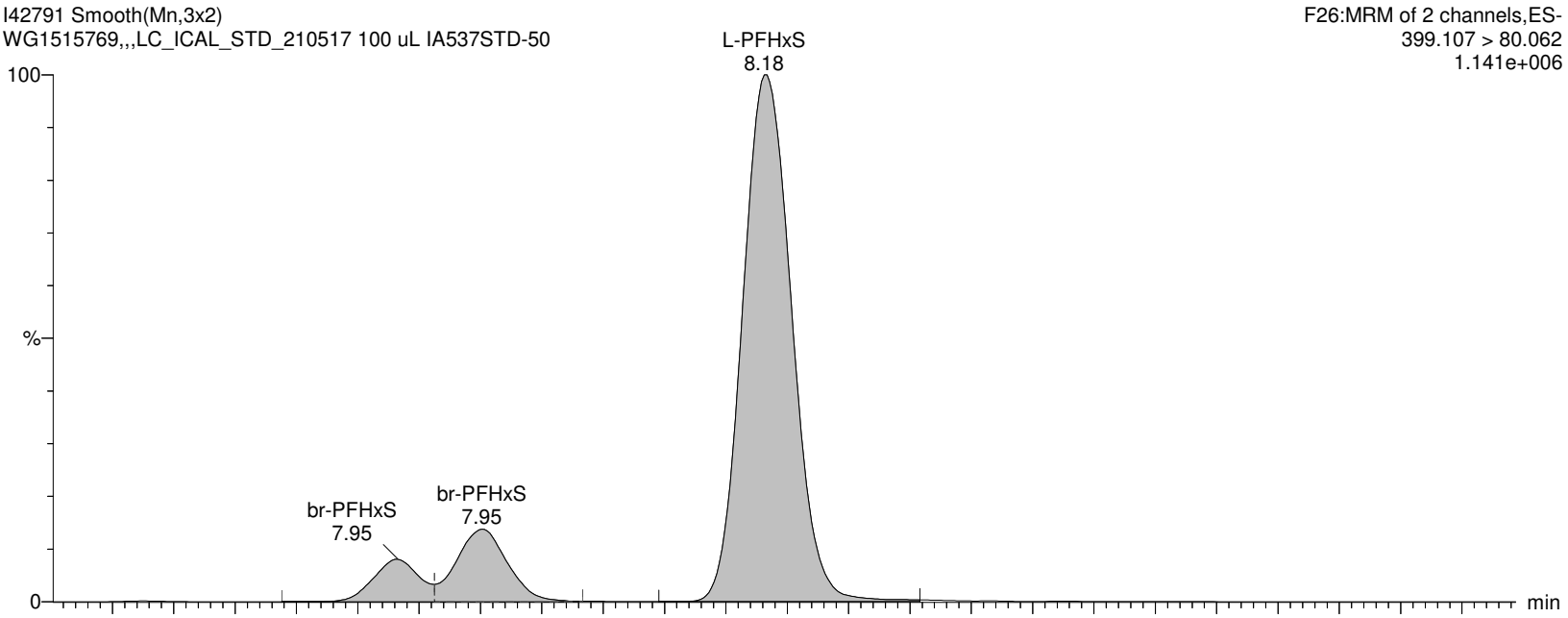


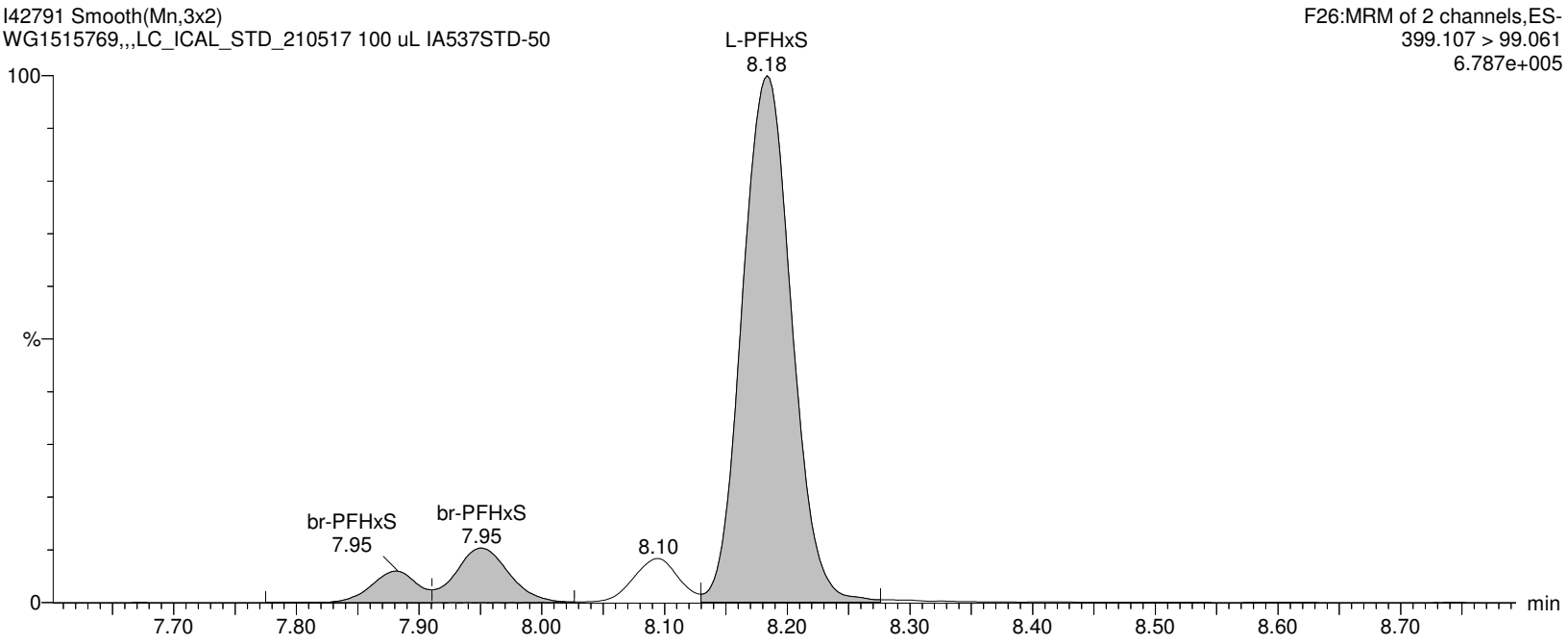
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxS



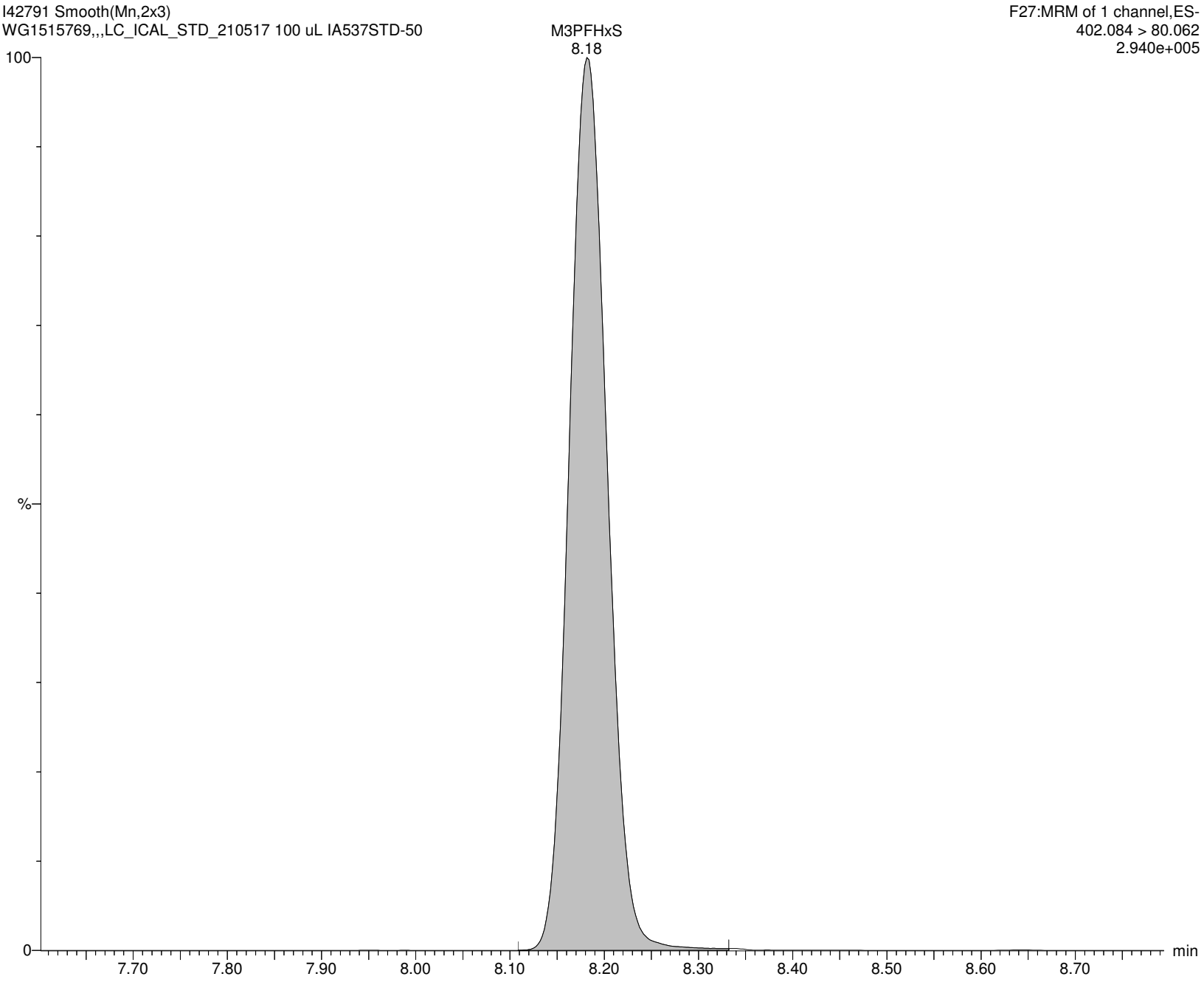


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFHxS

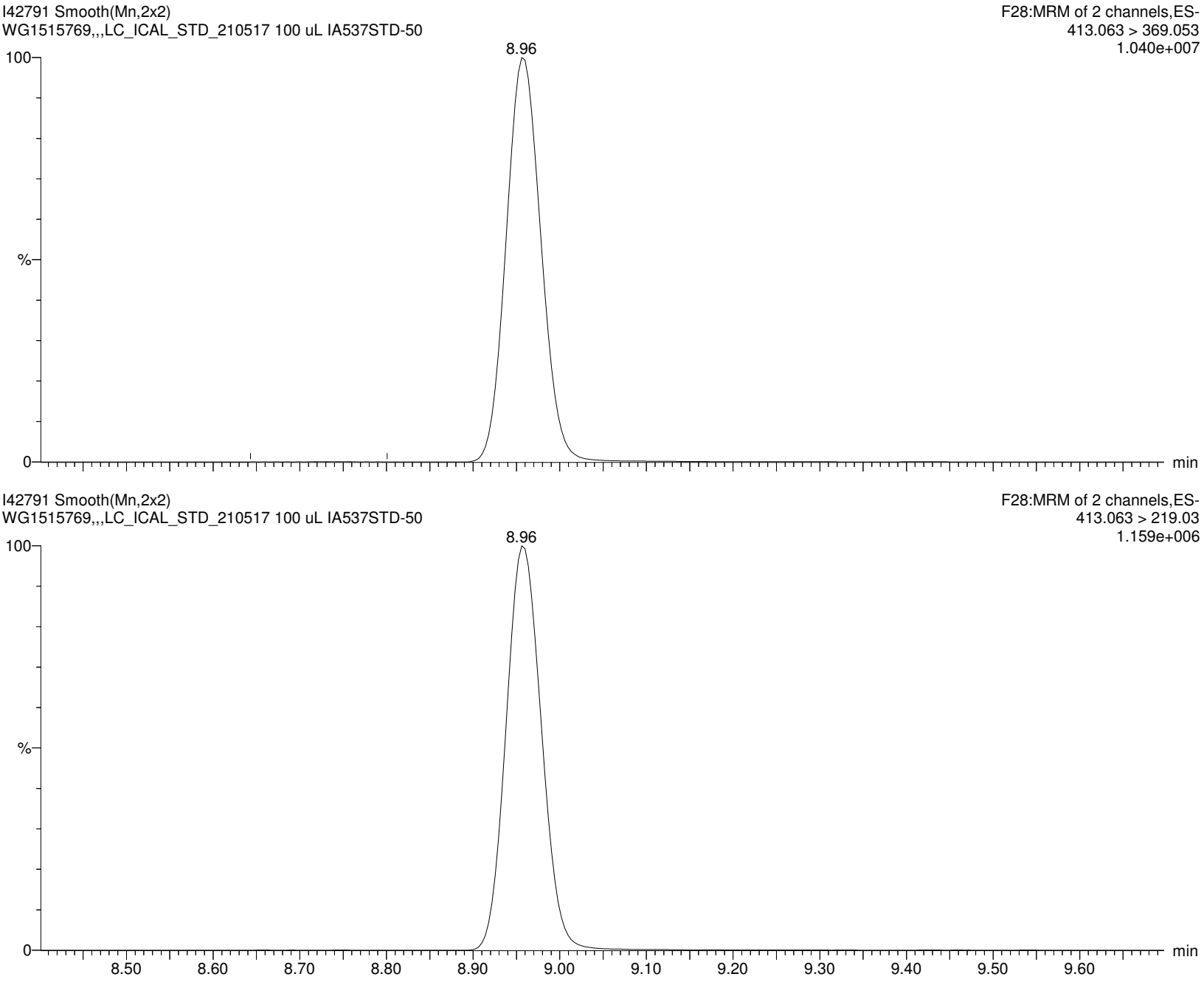


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOA

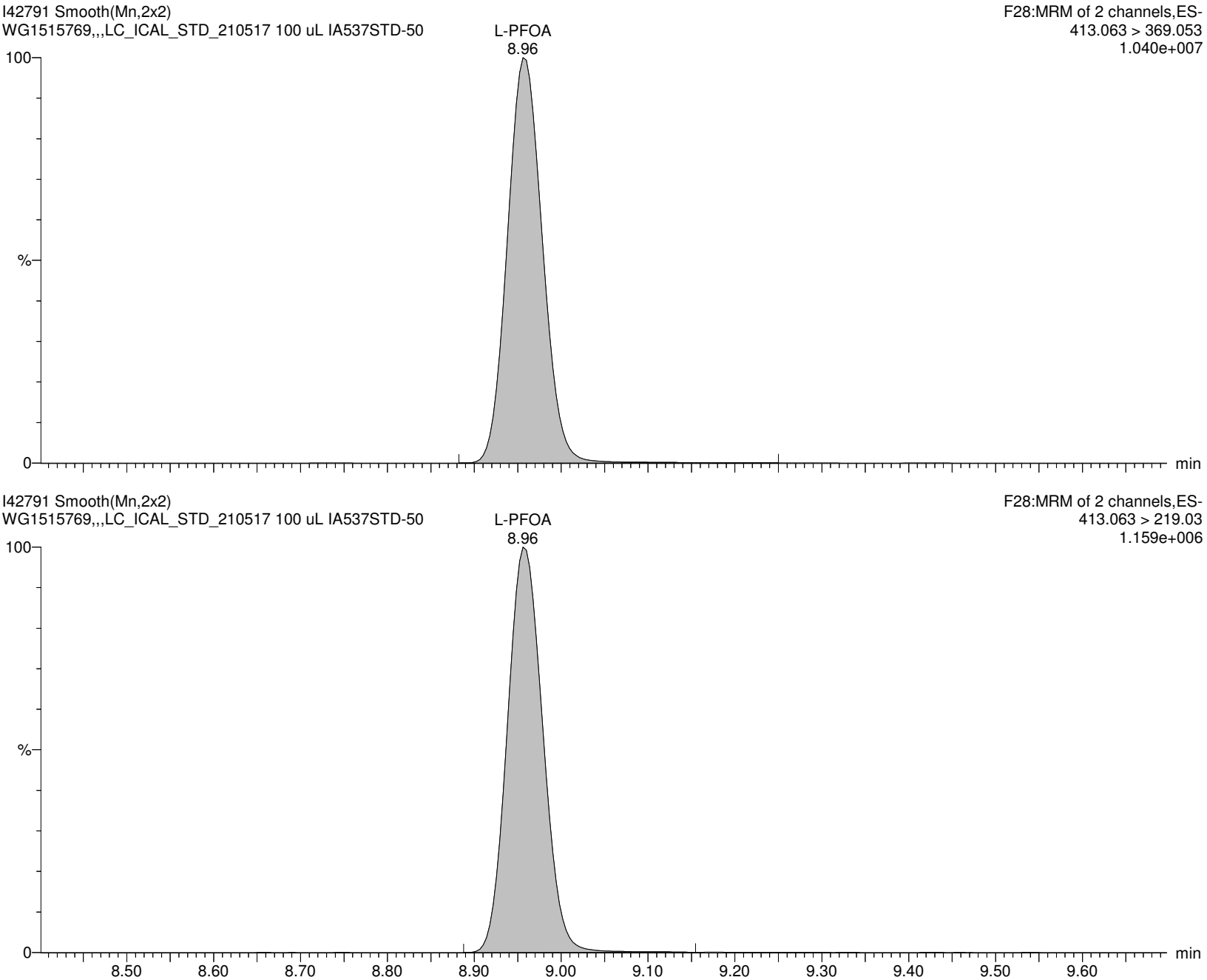


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOA

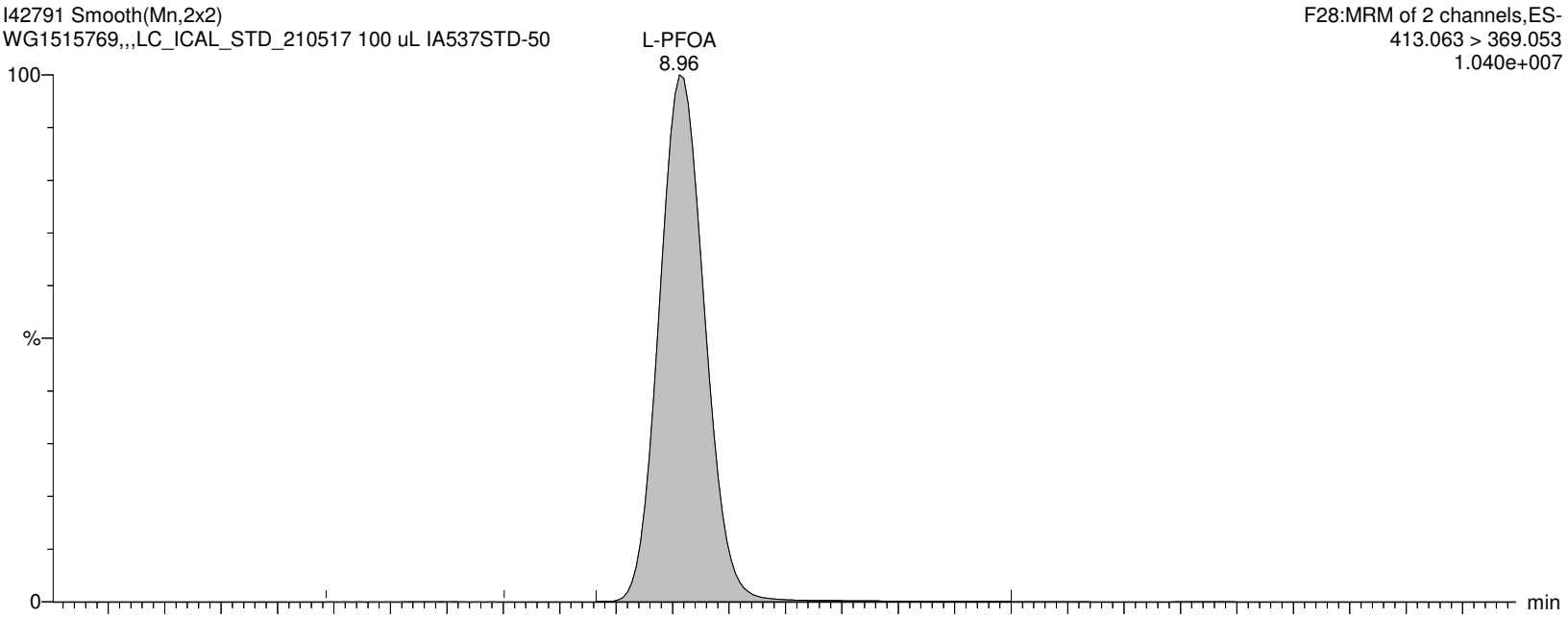


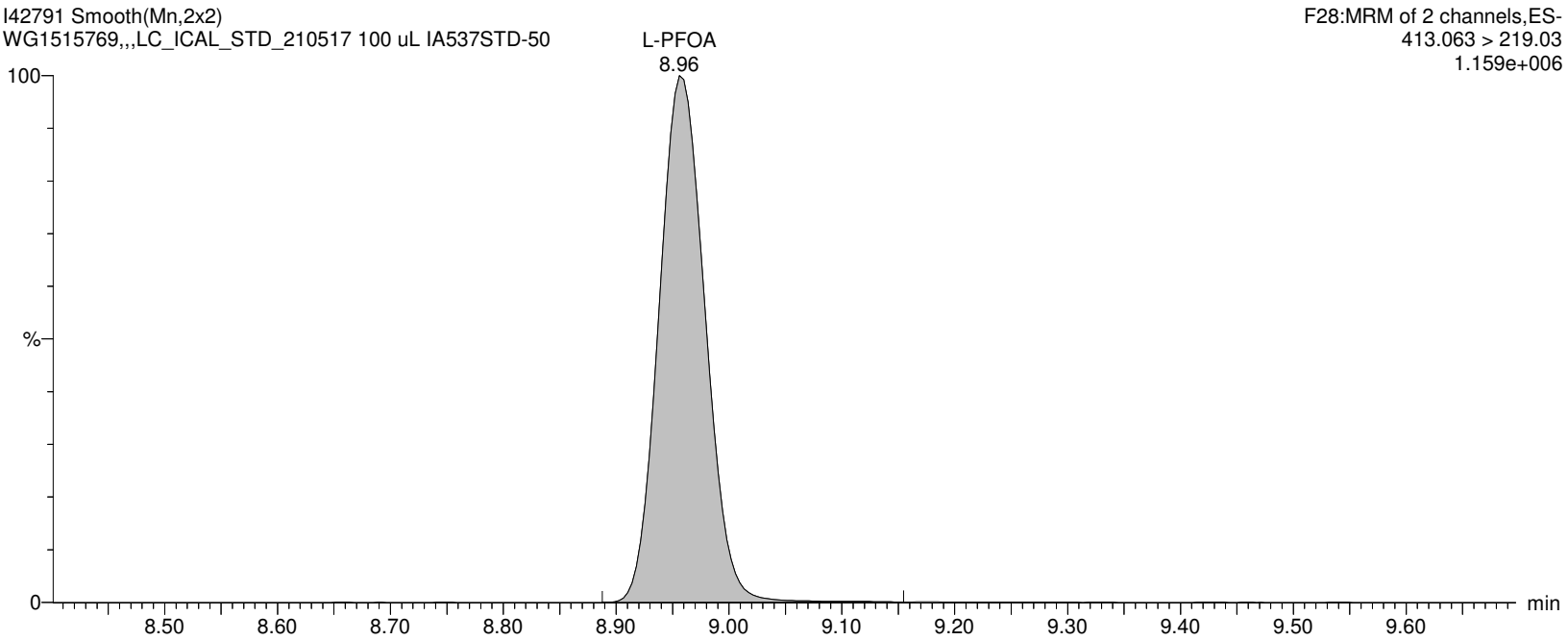
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOA



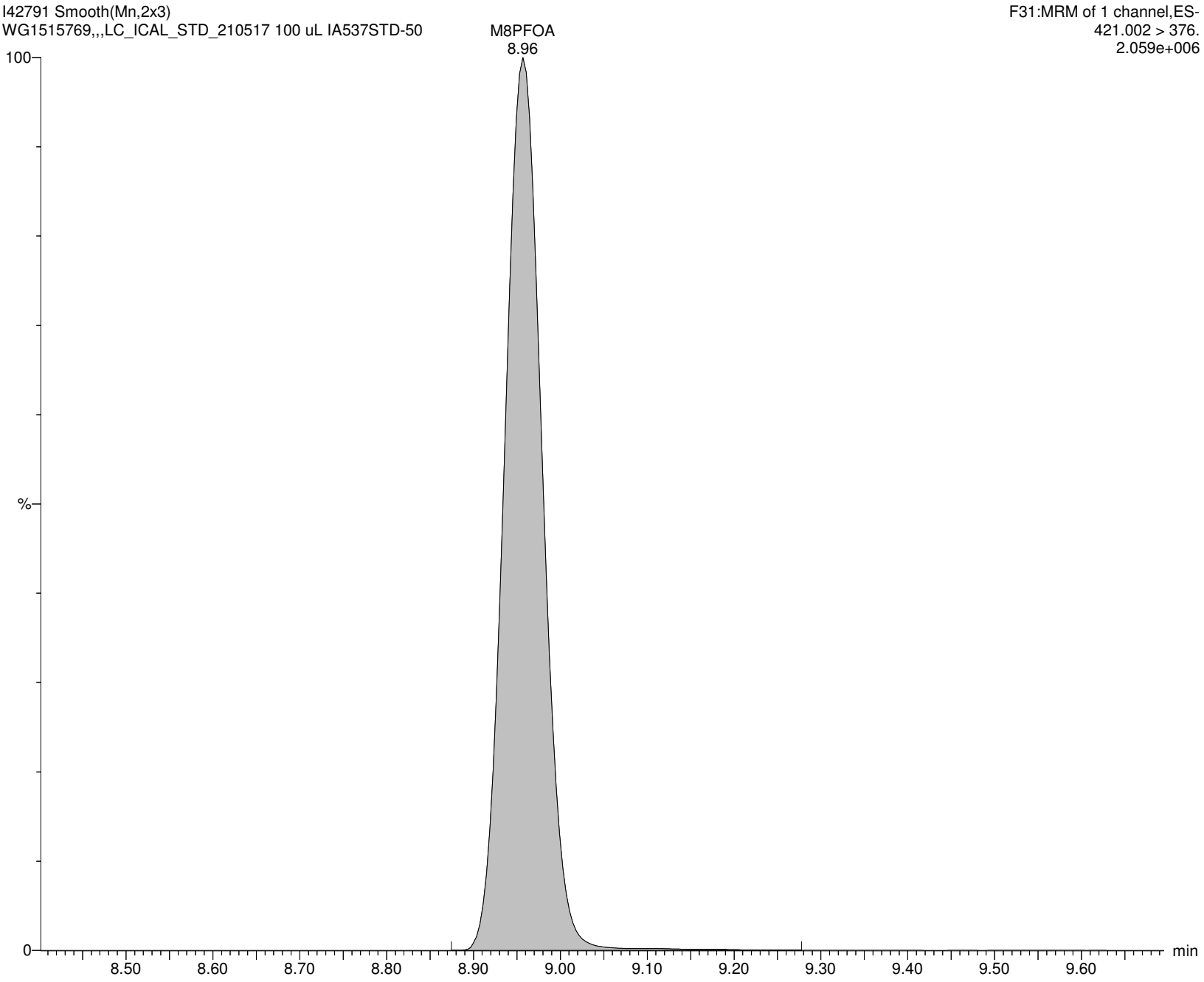


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOA

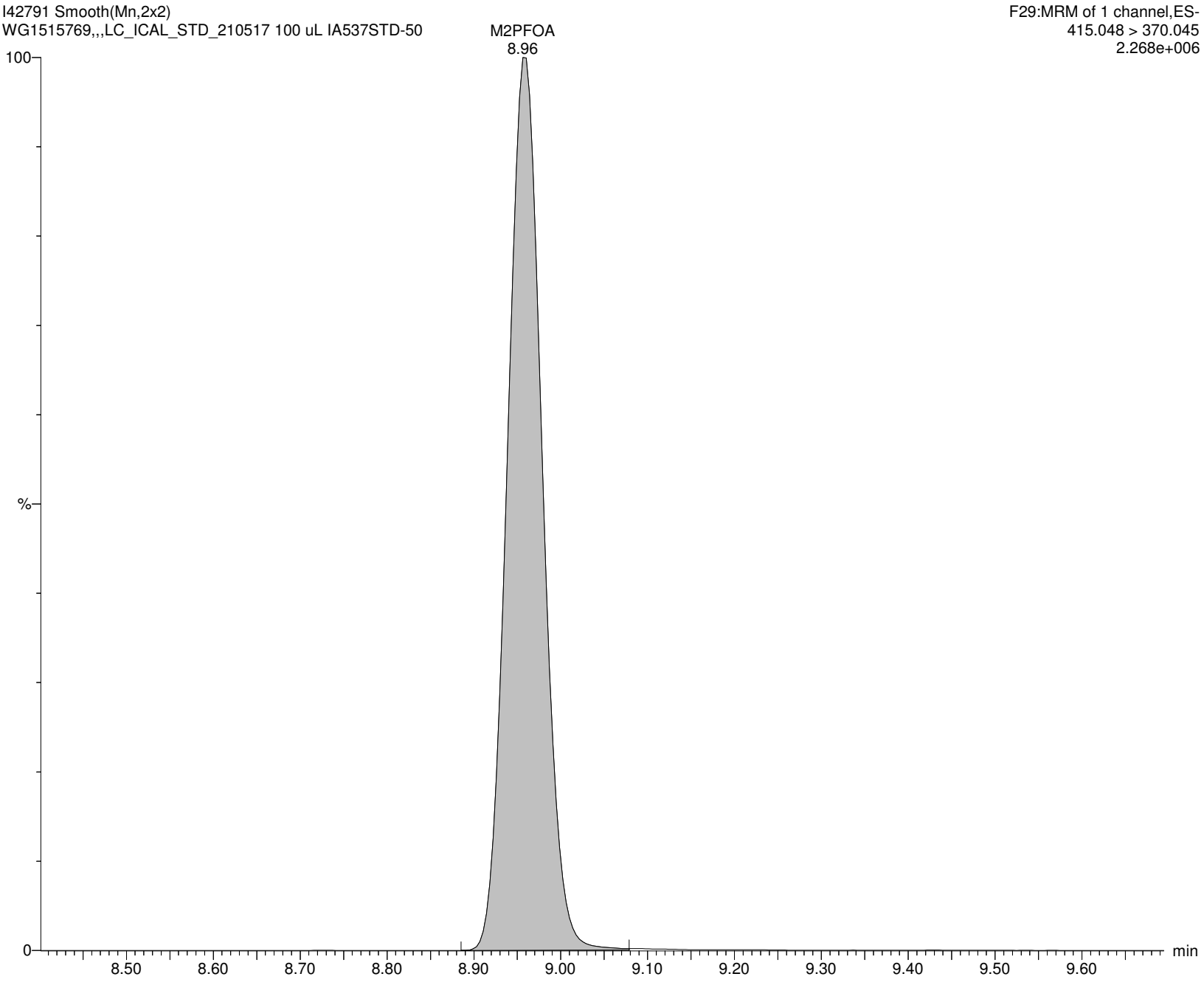


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFOA

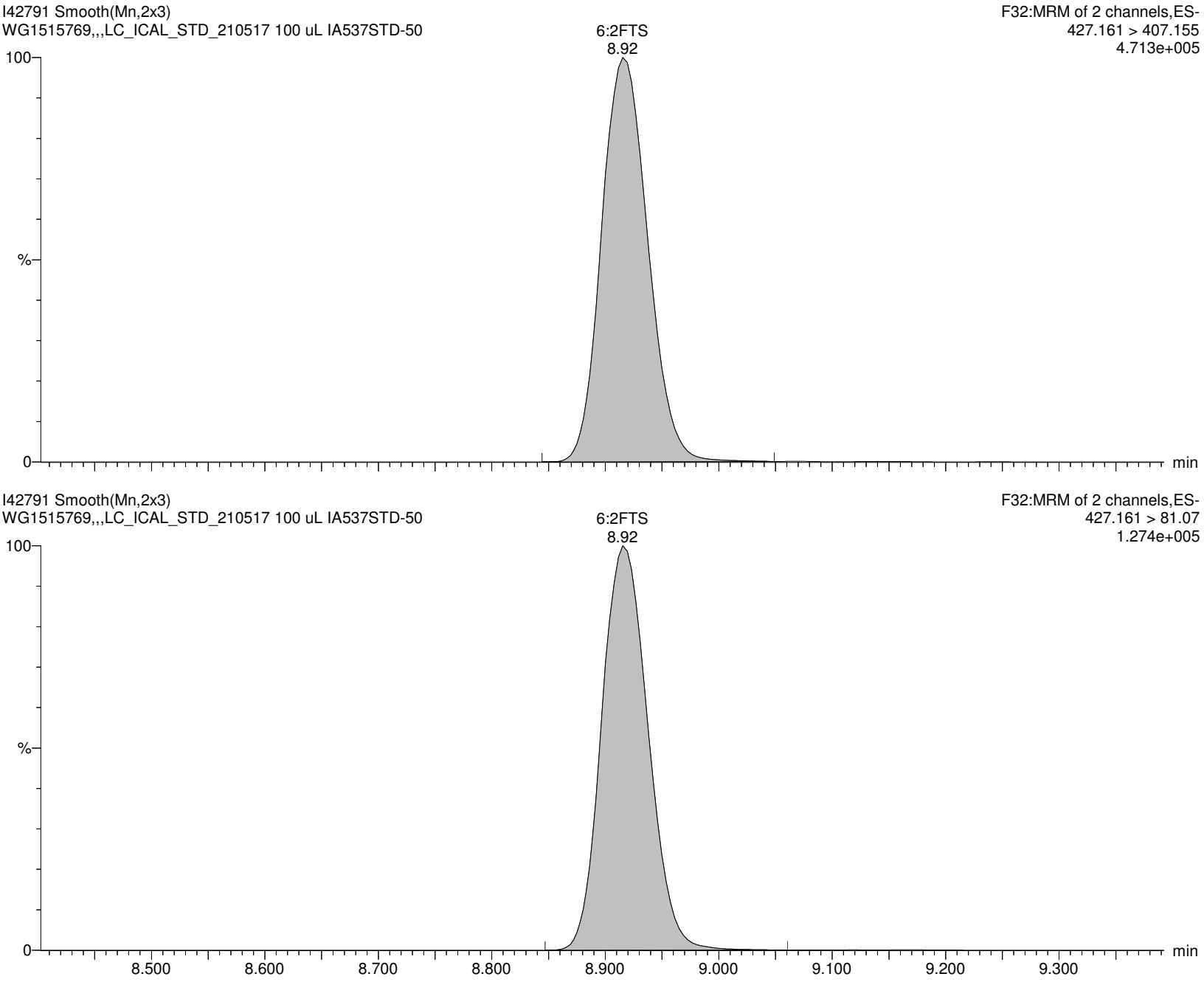


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

6:2FTS

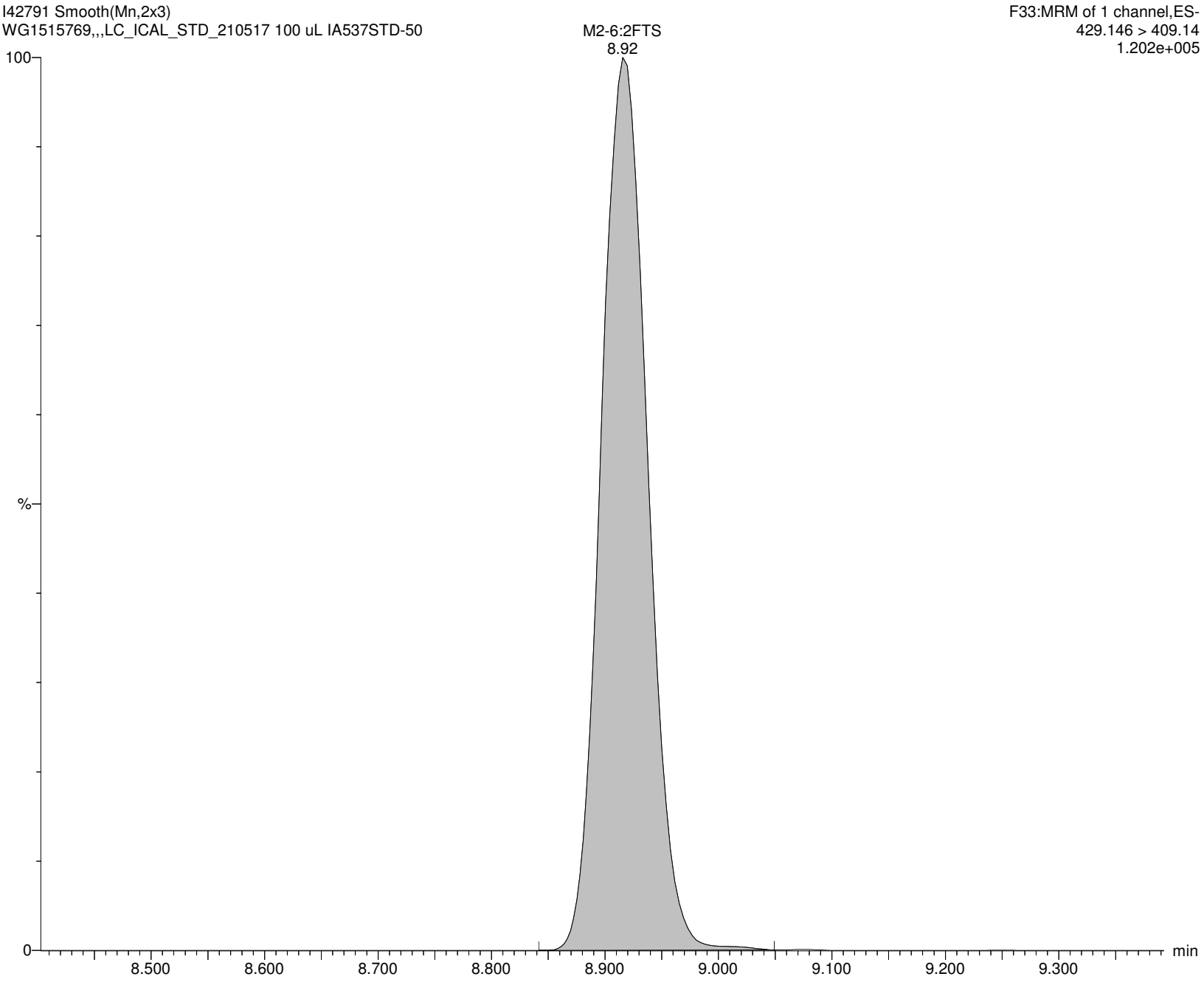


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-6:2FTS

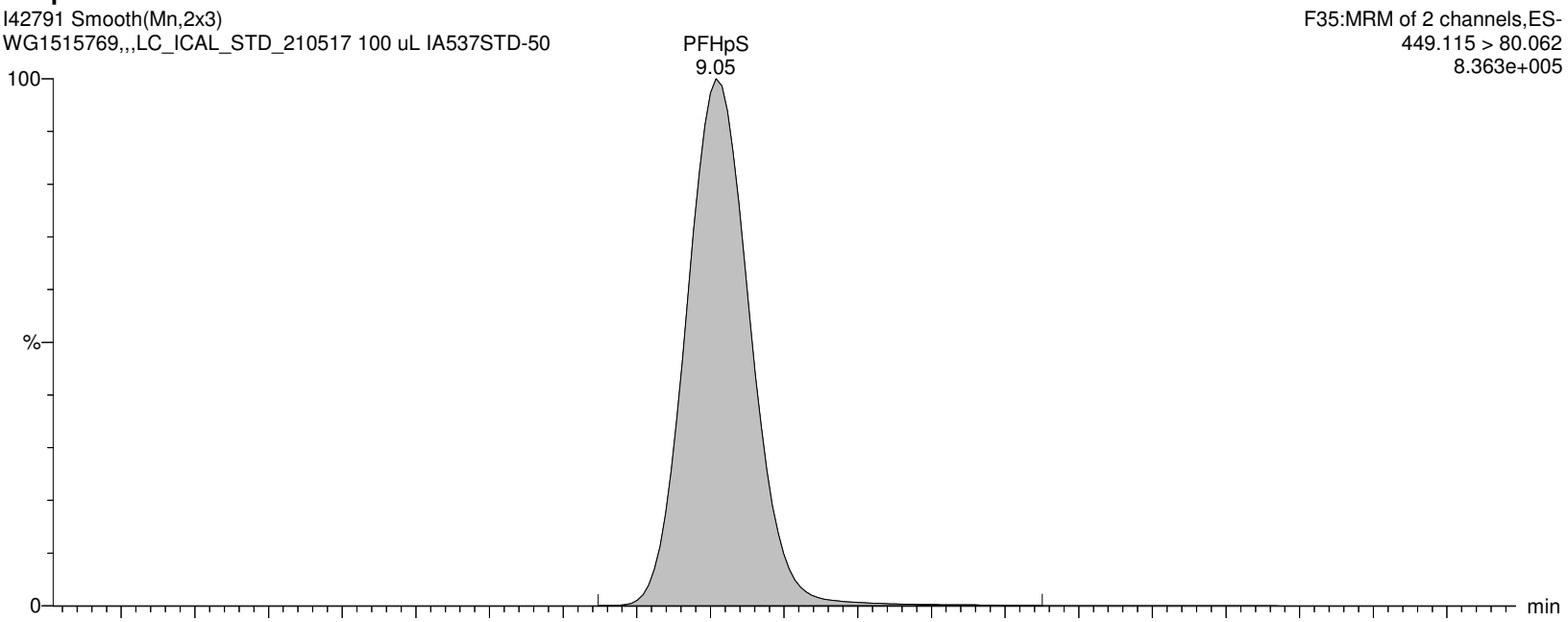


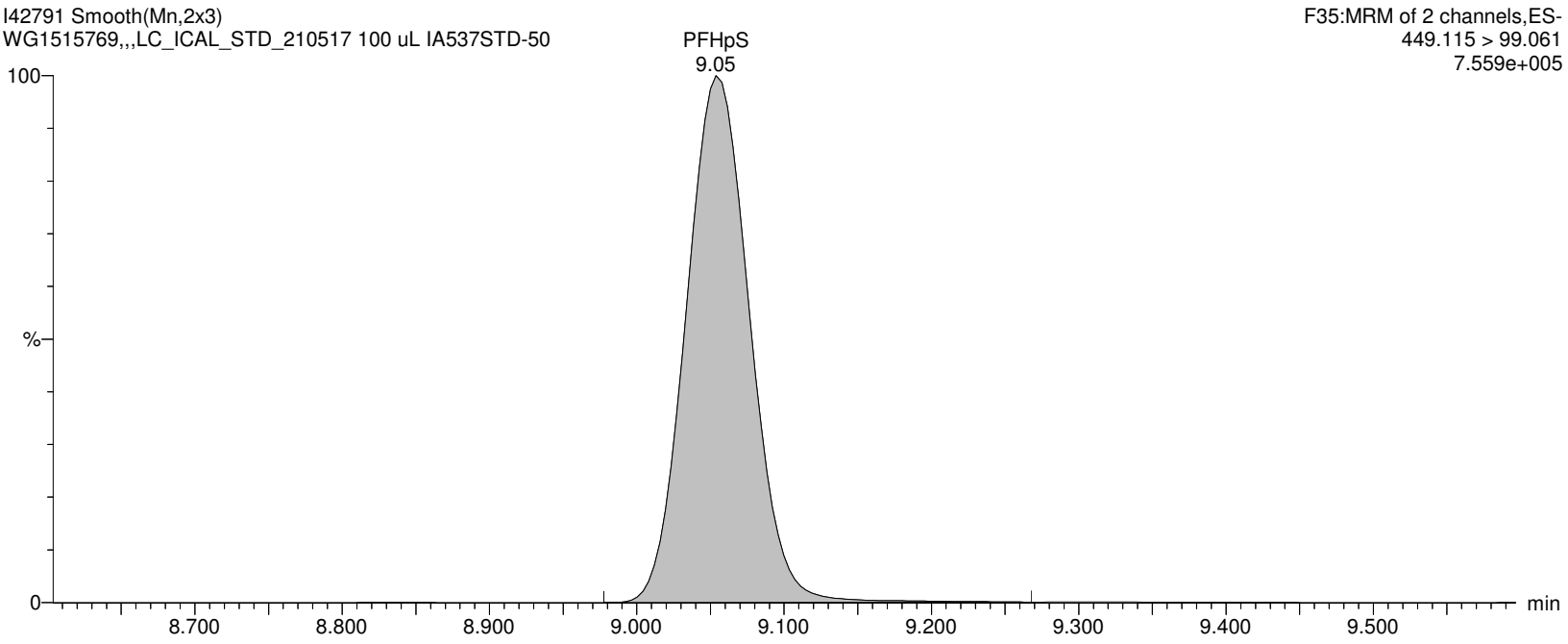
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpS



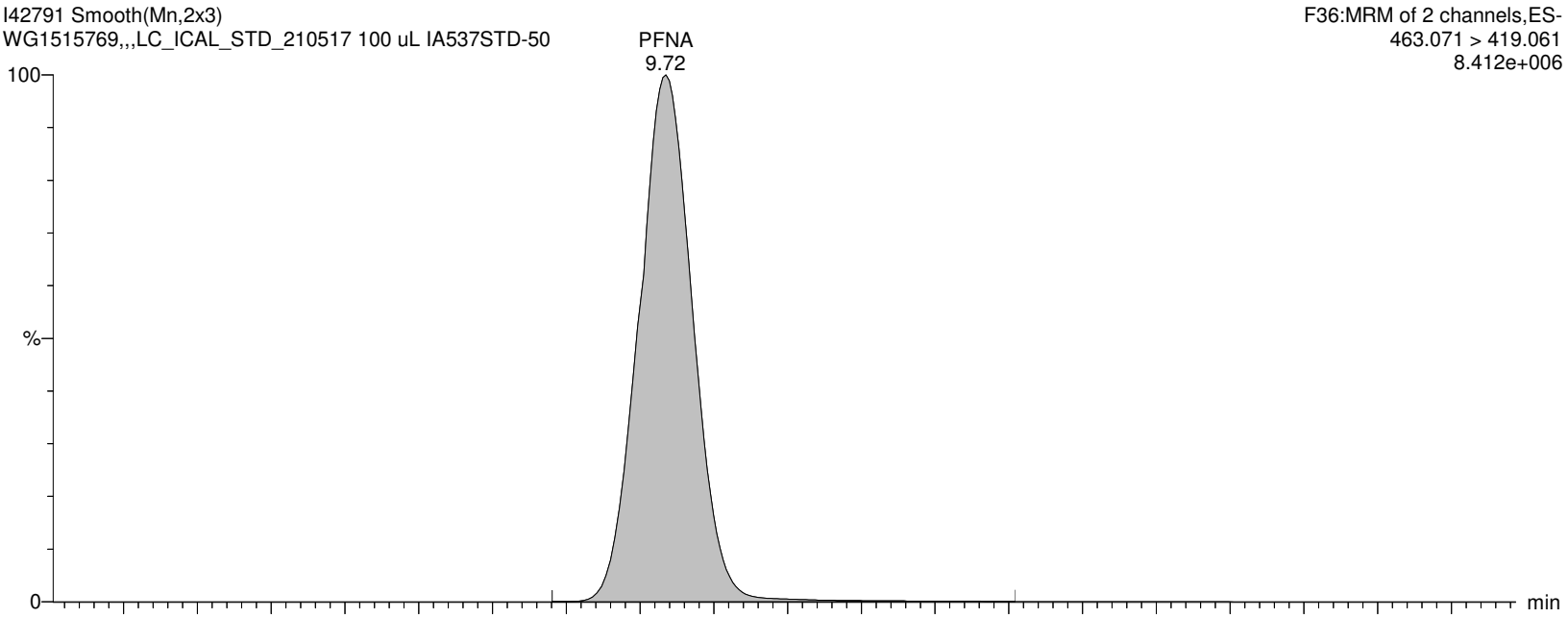


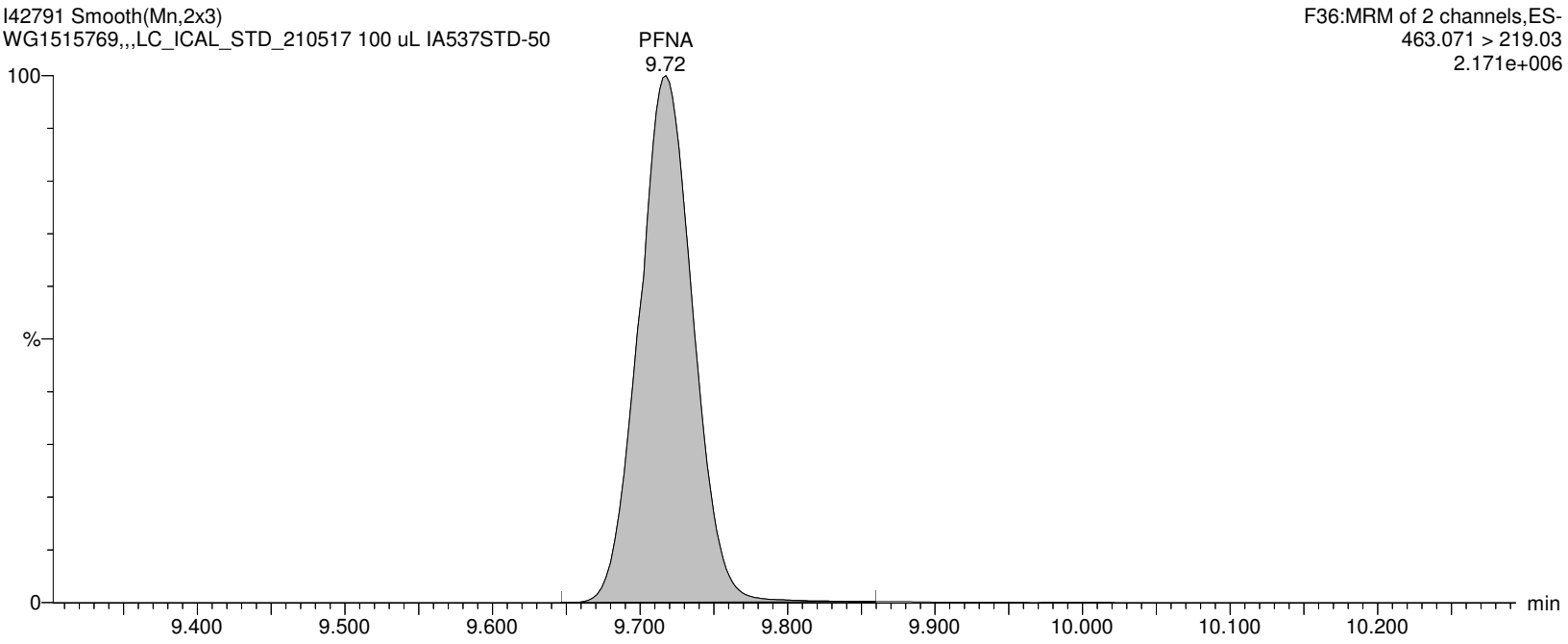
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNA



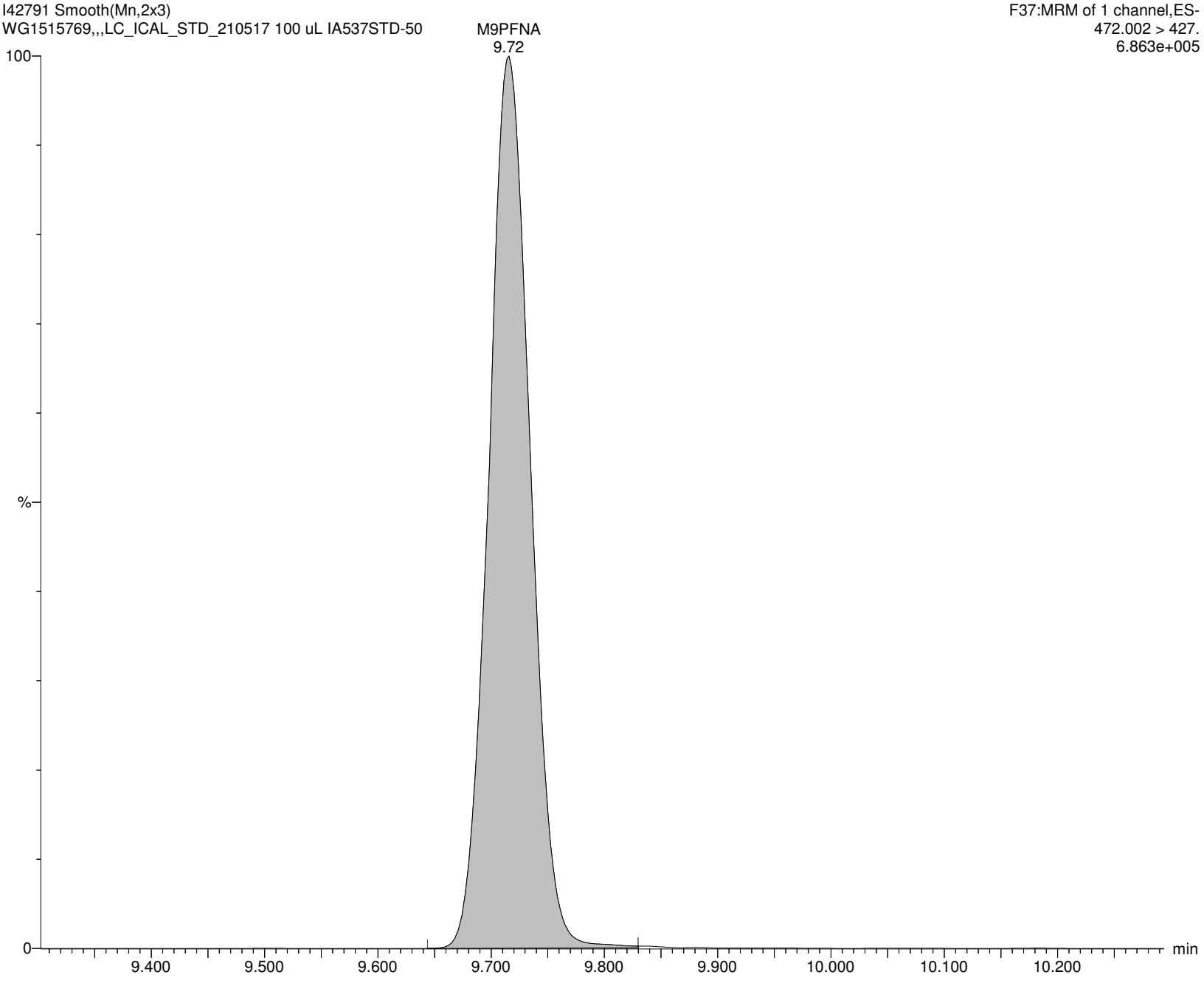


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M9PFNA

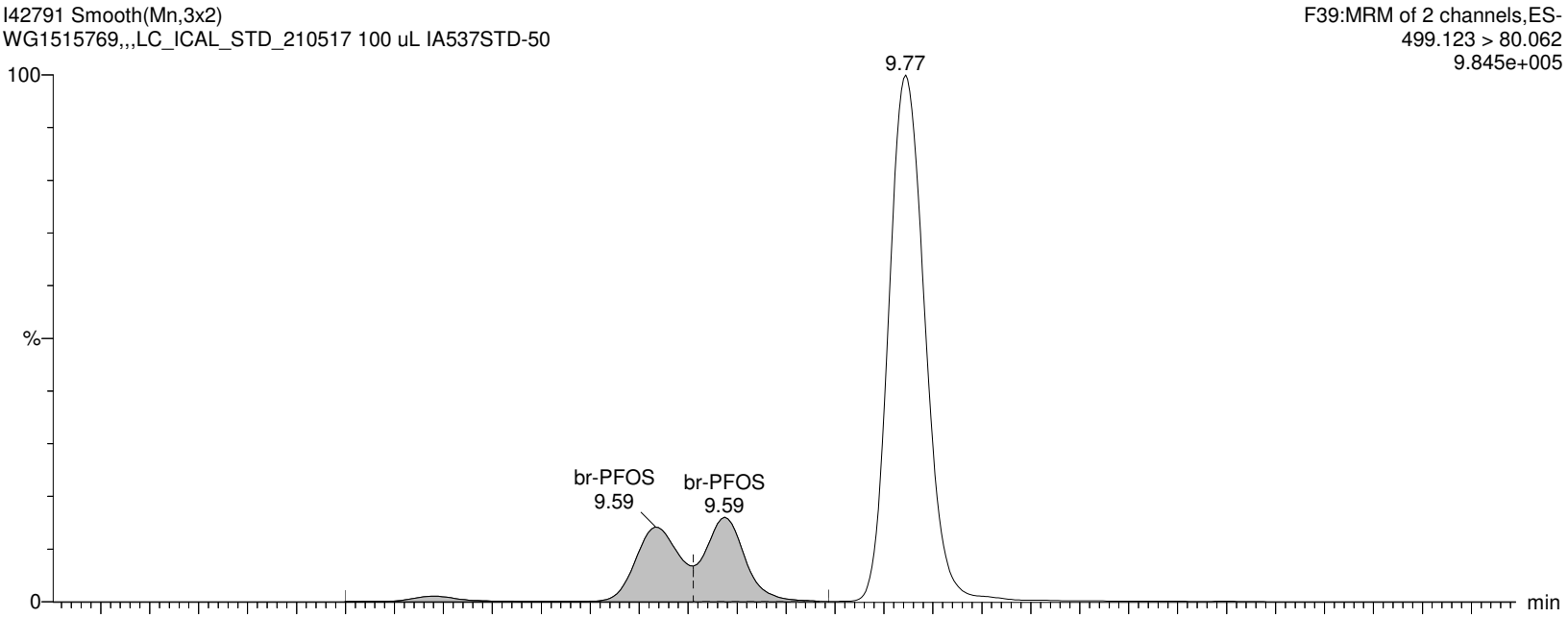


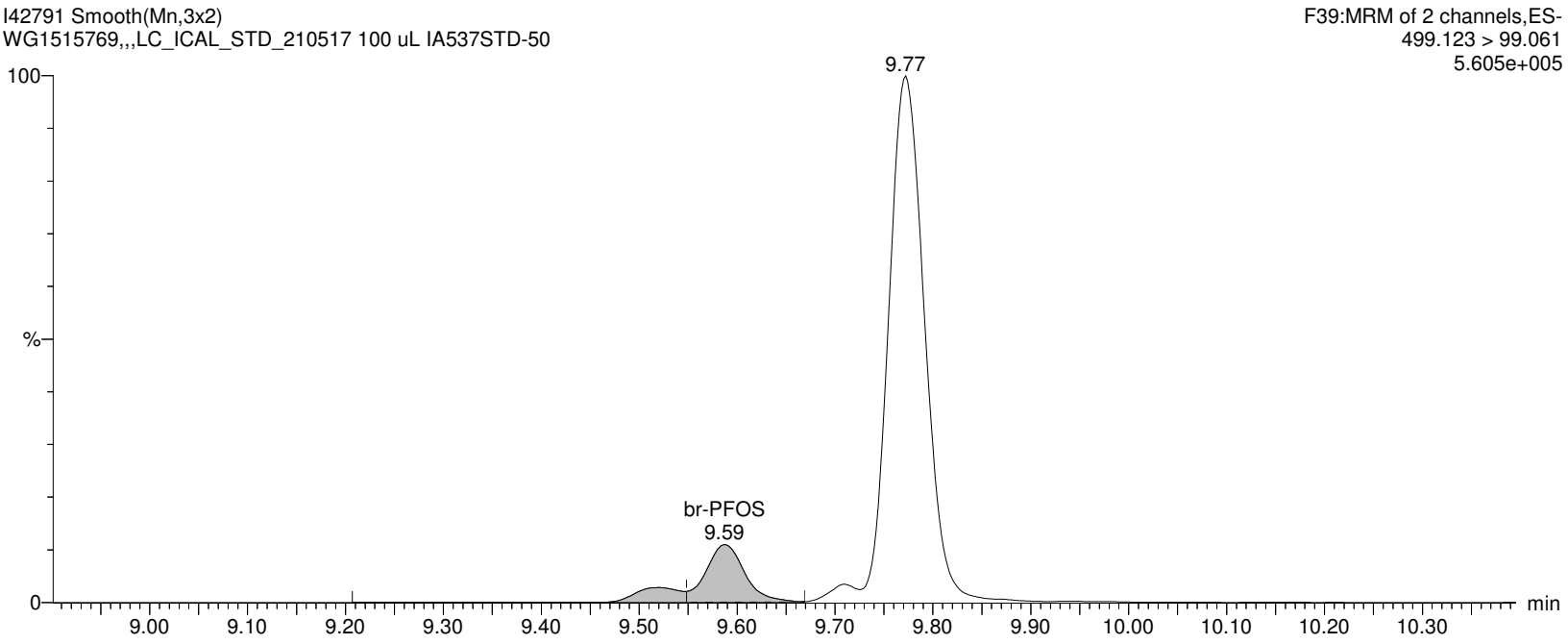
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOS



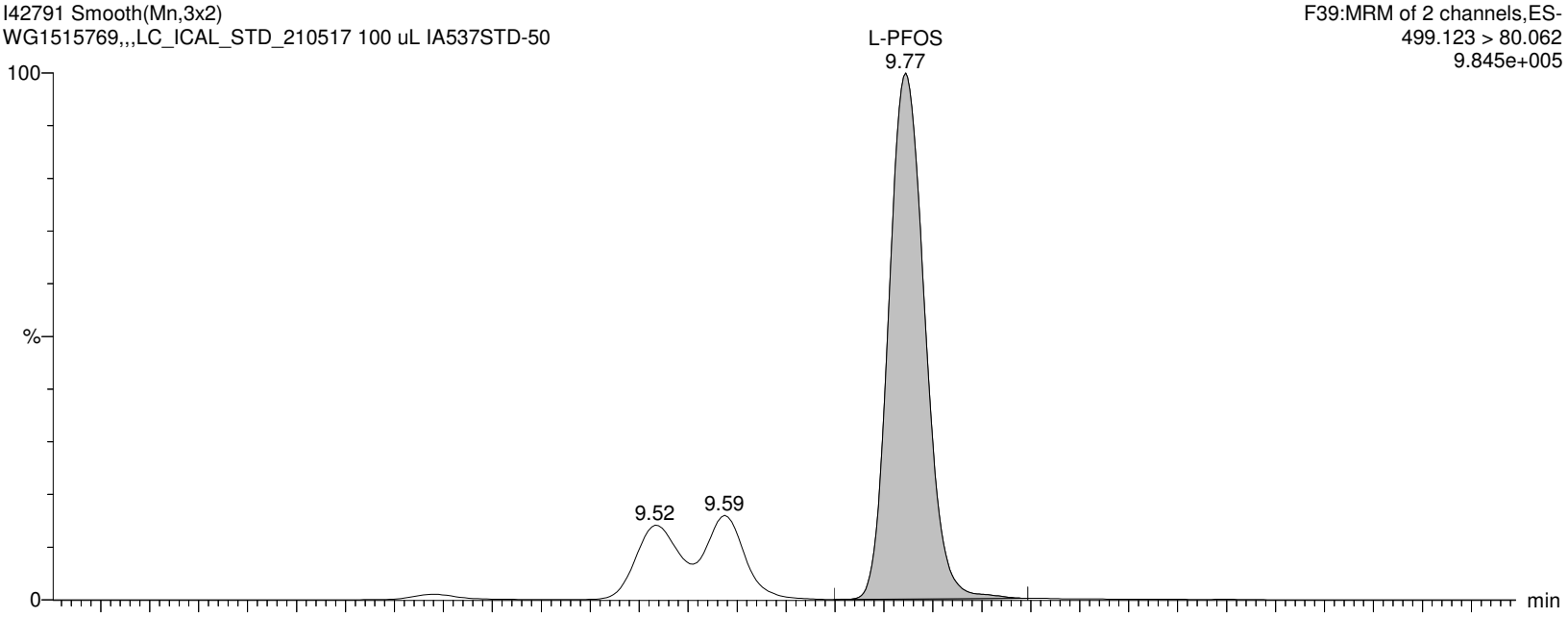


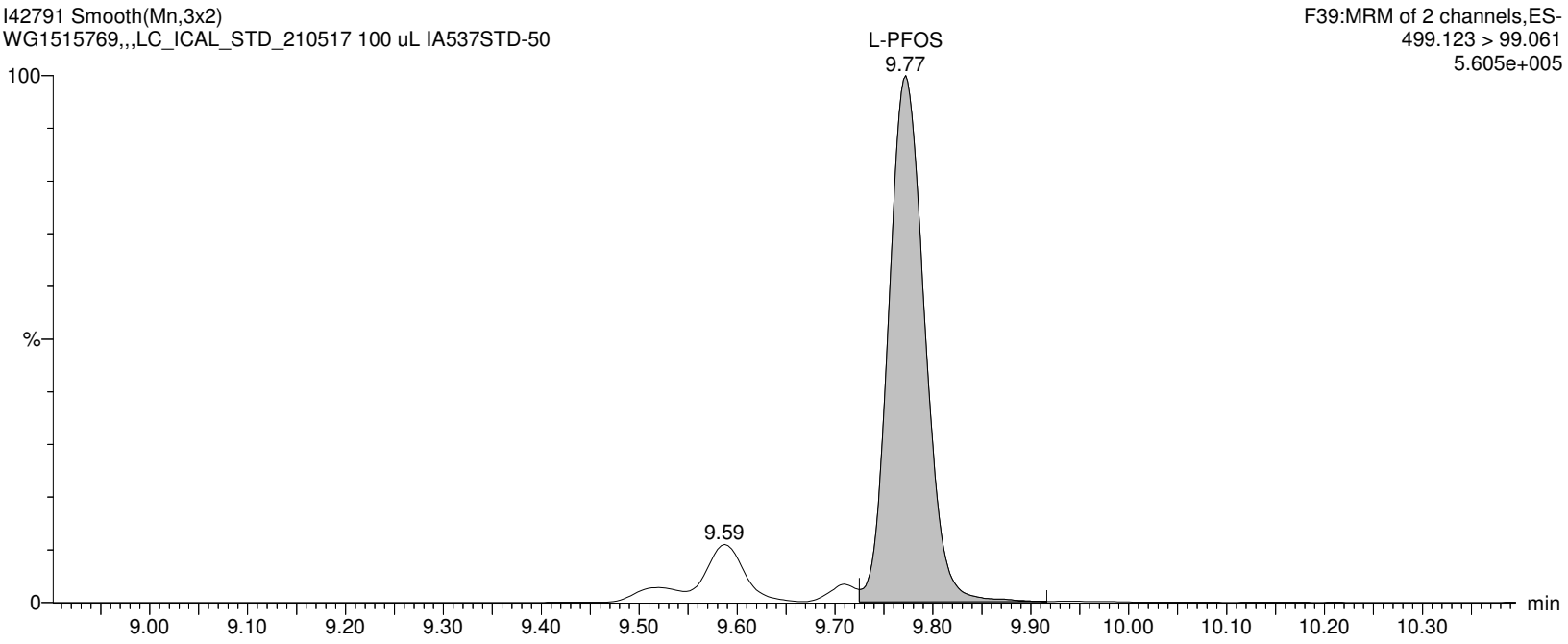
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOS



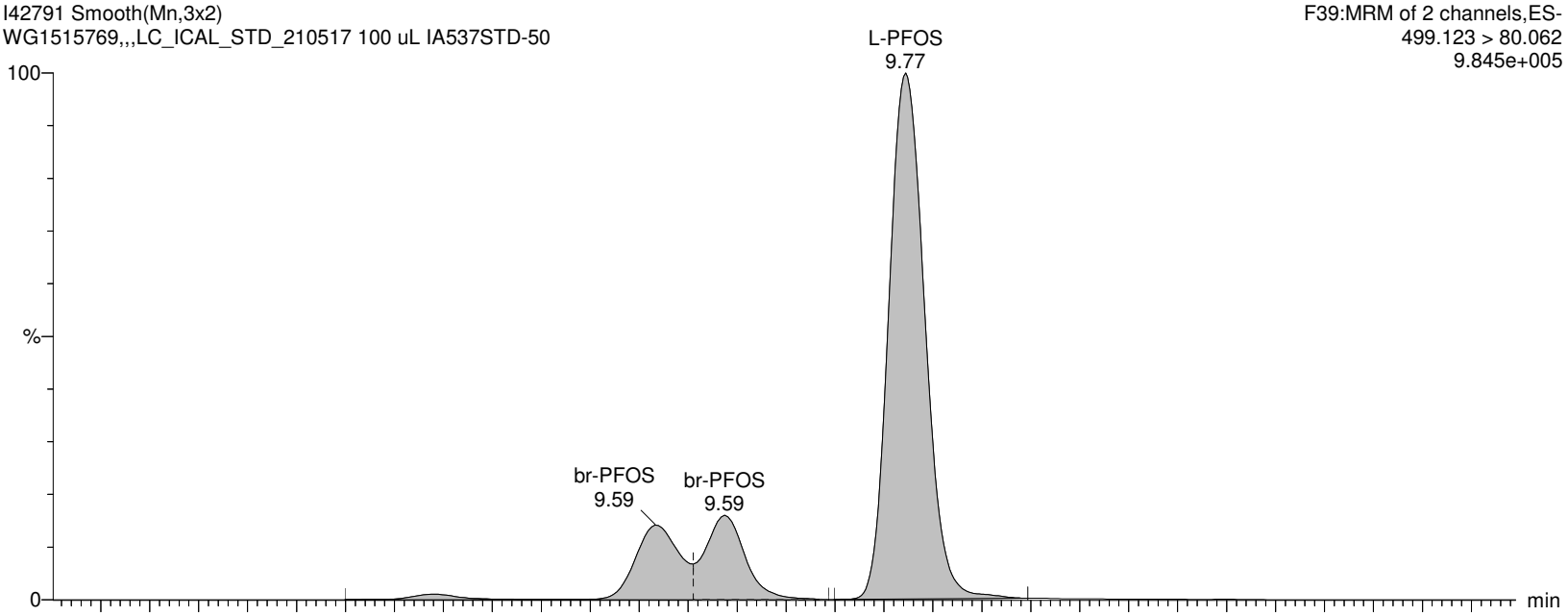


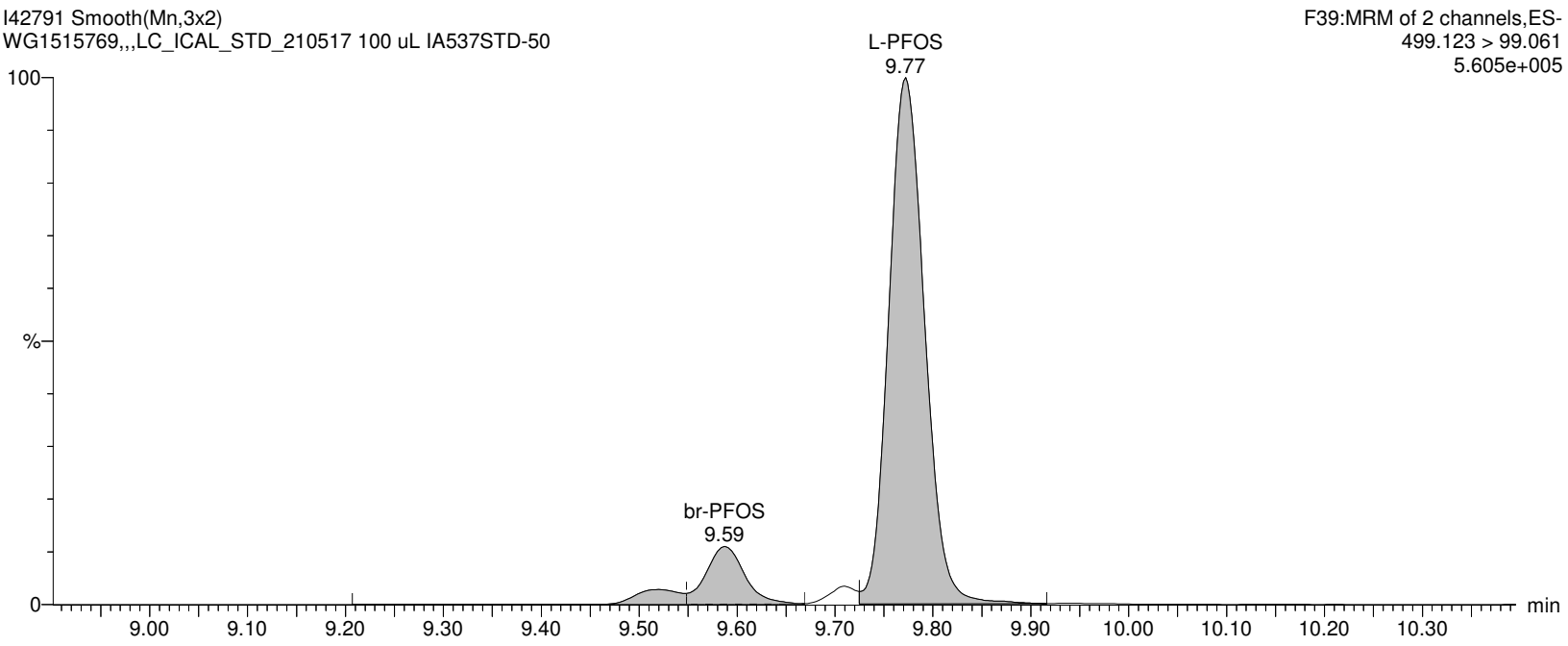
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOS



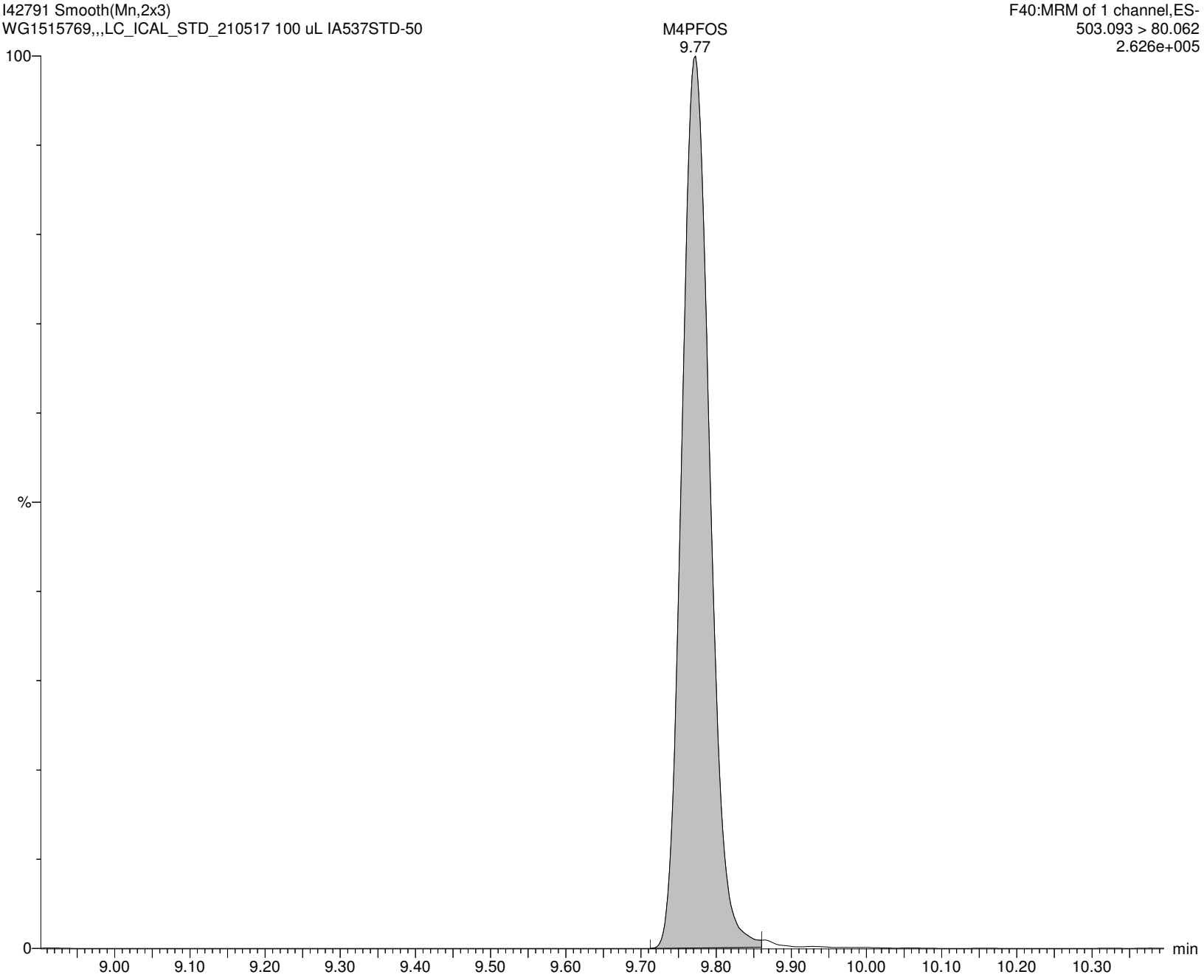


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOS

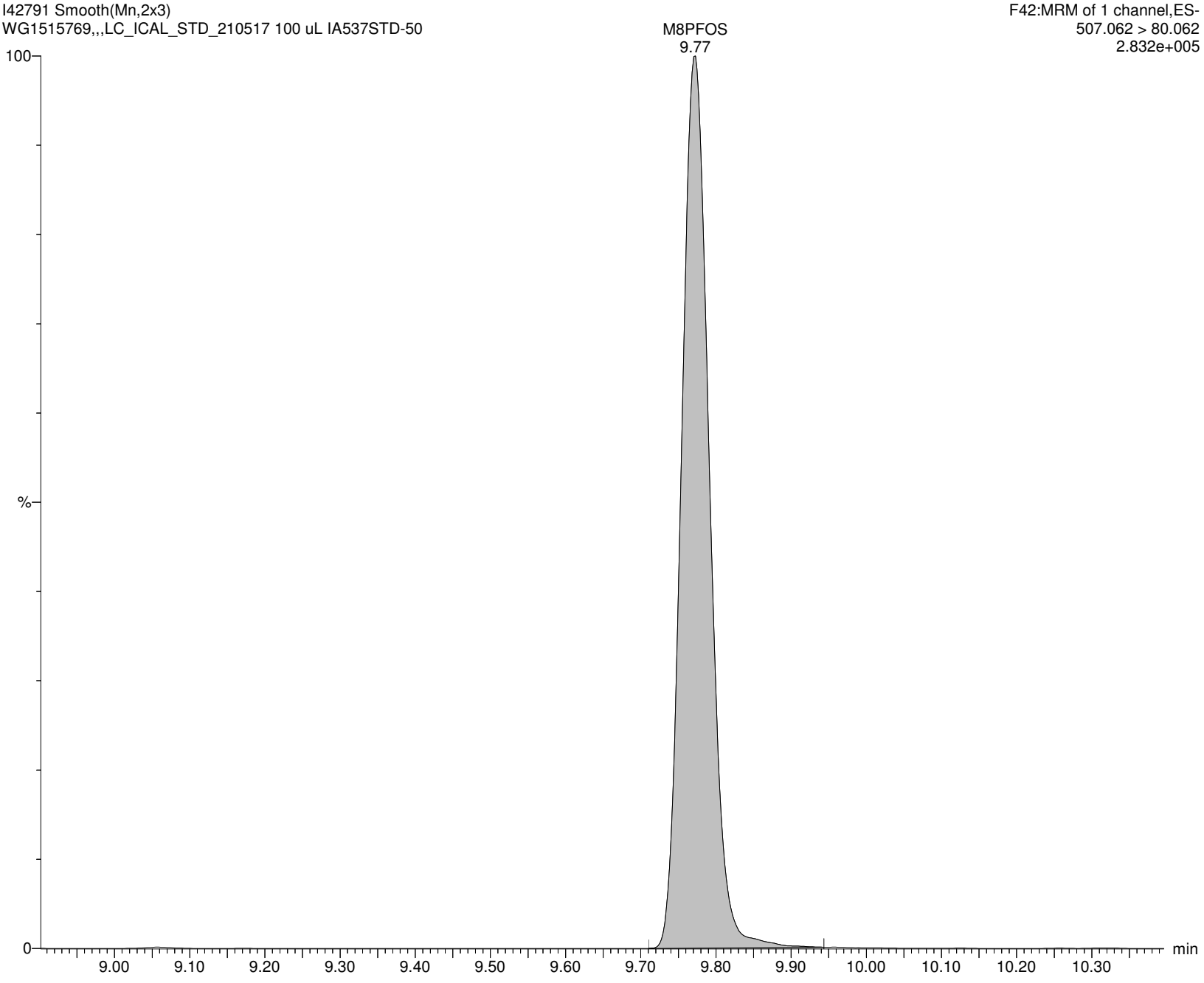


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOS

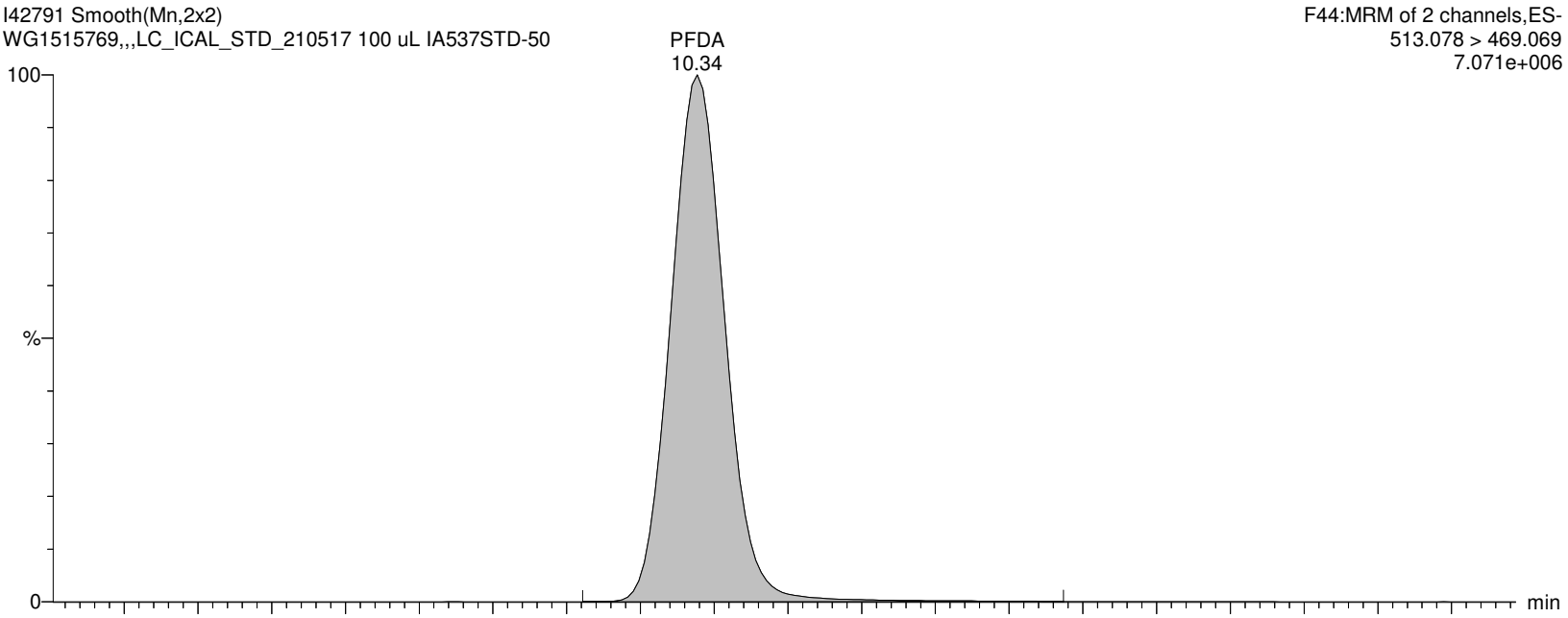


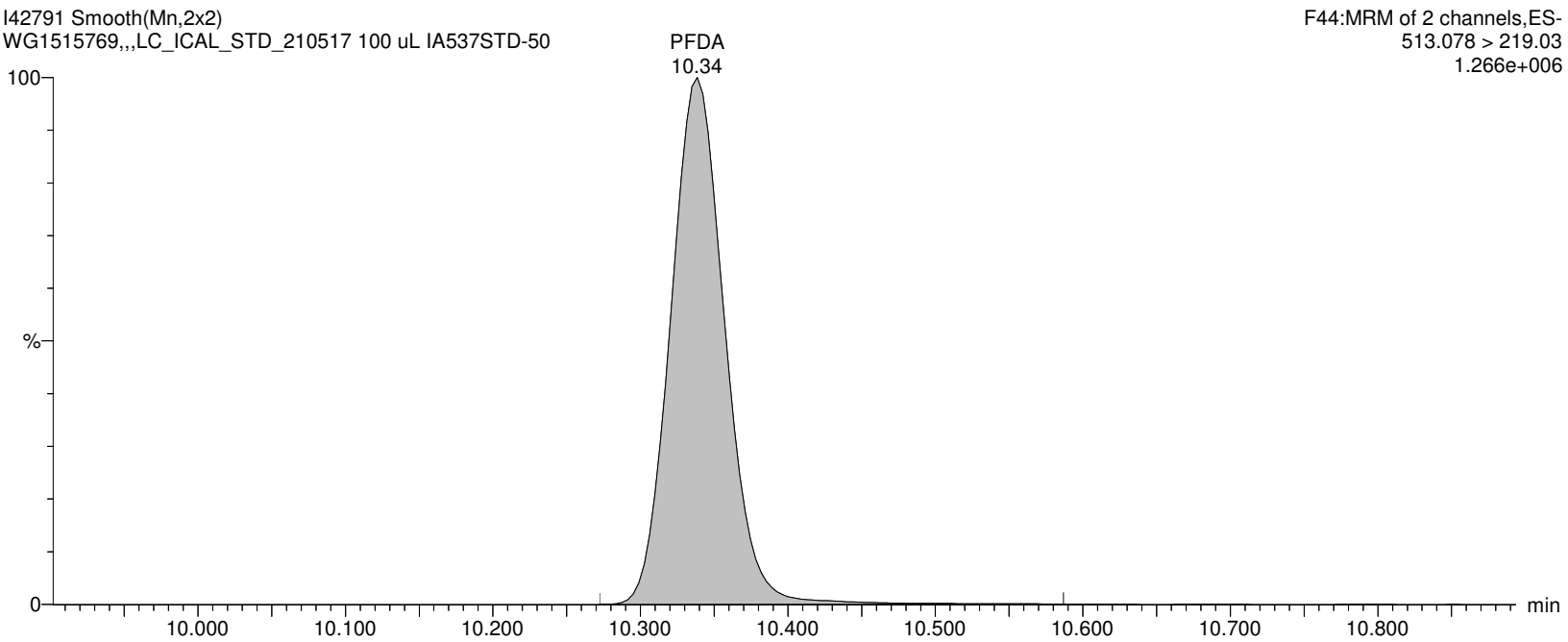
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDA



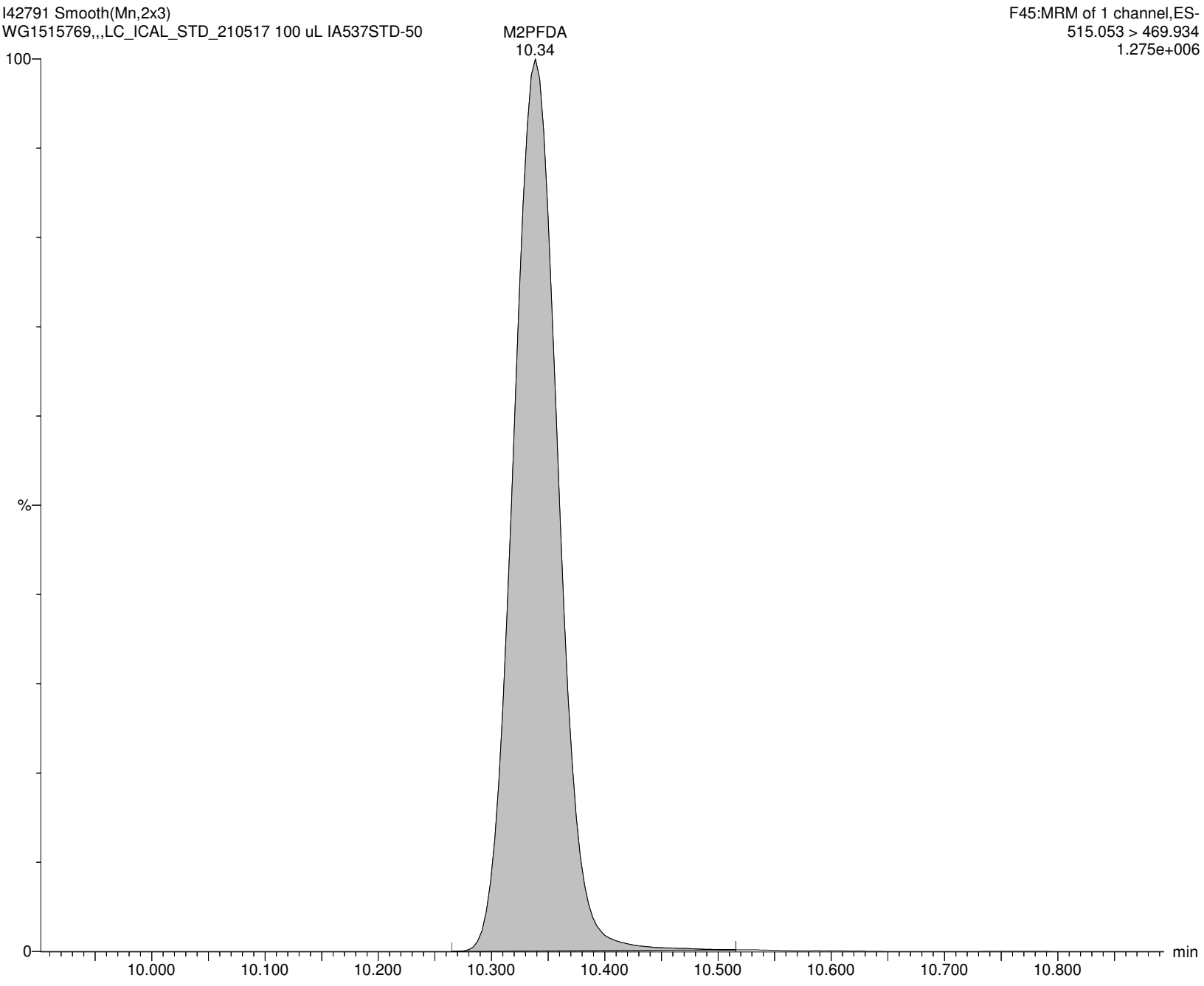


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFDA

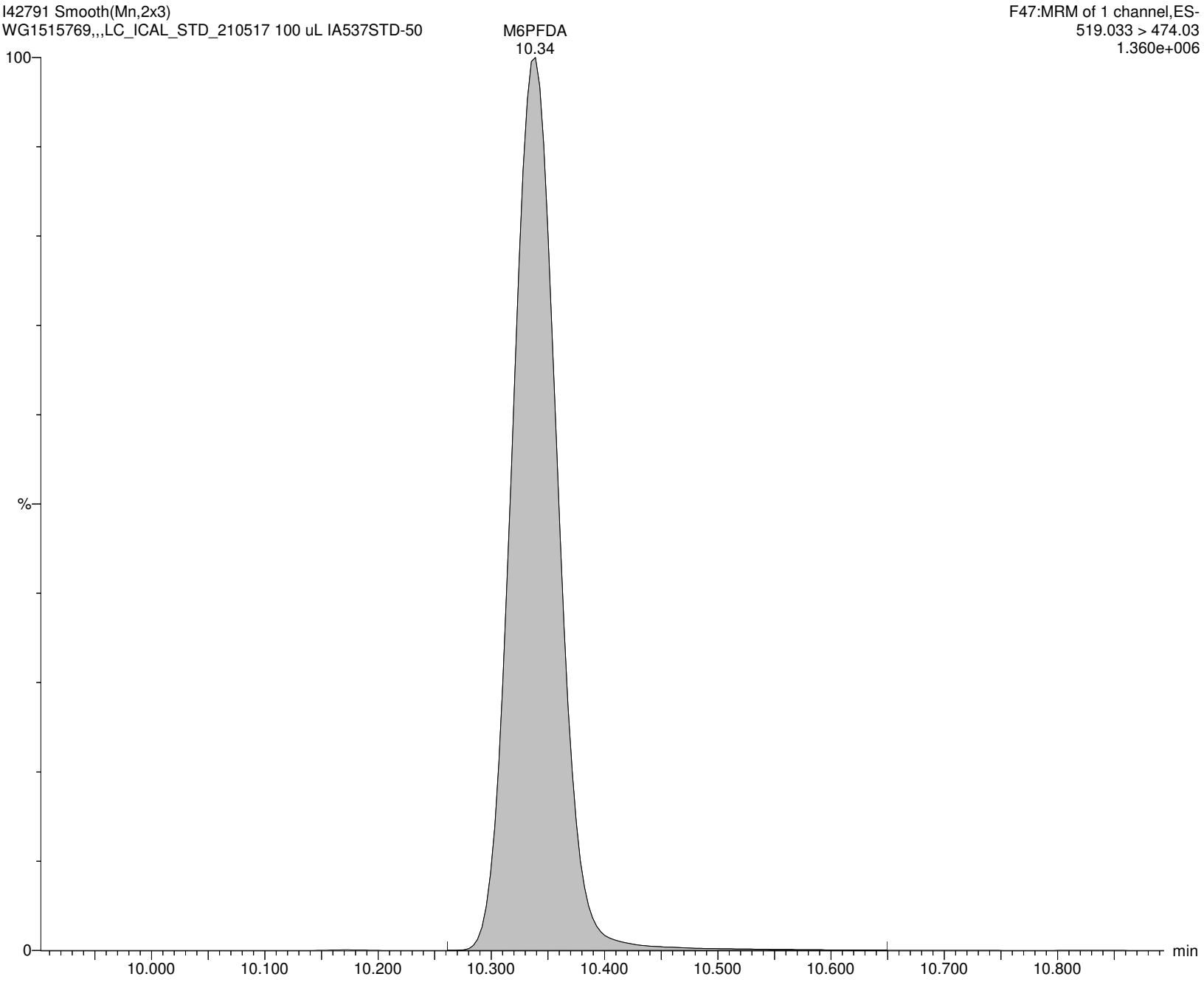


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M6PFDA

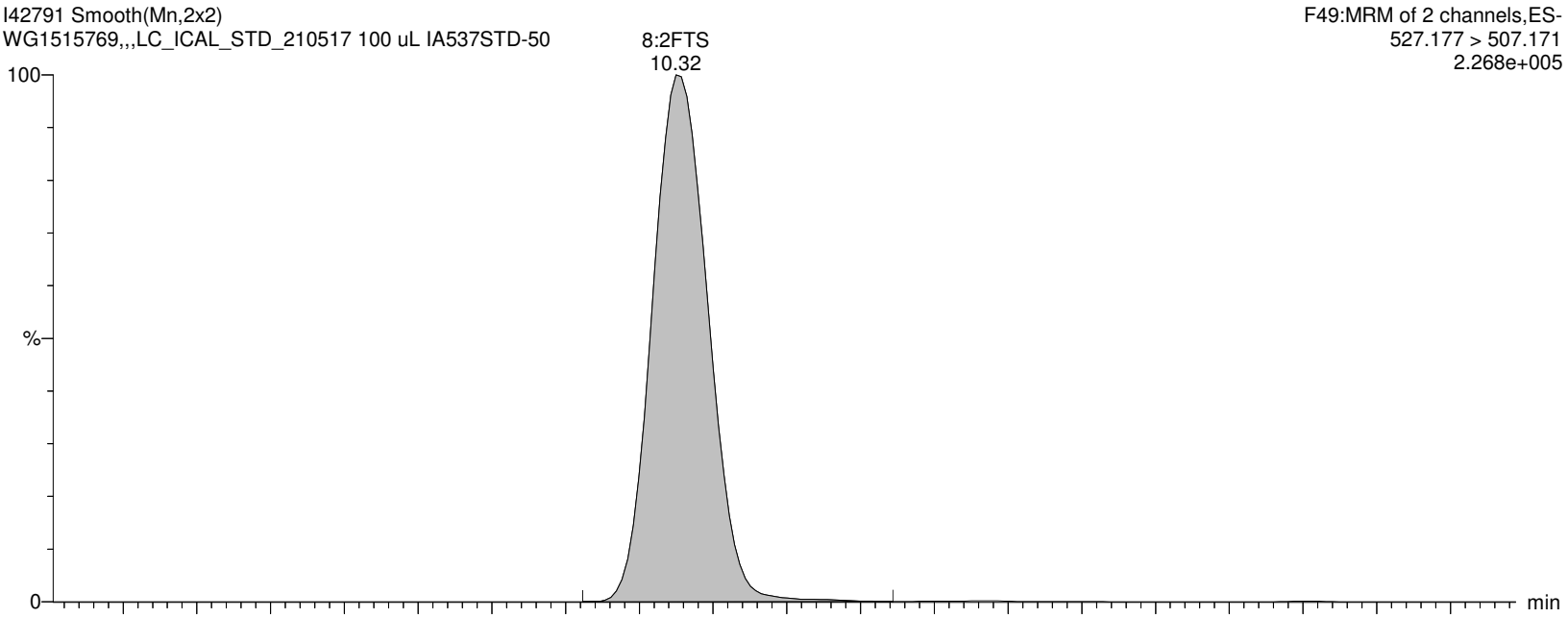


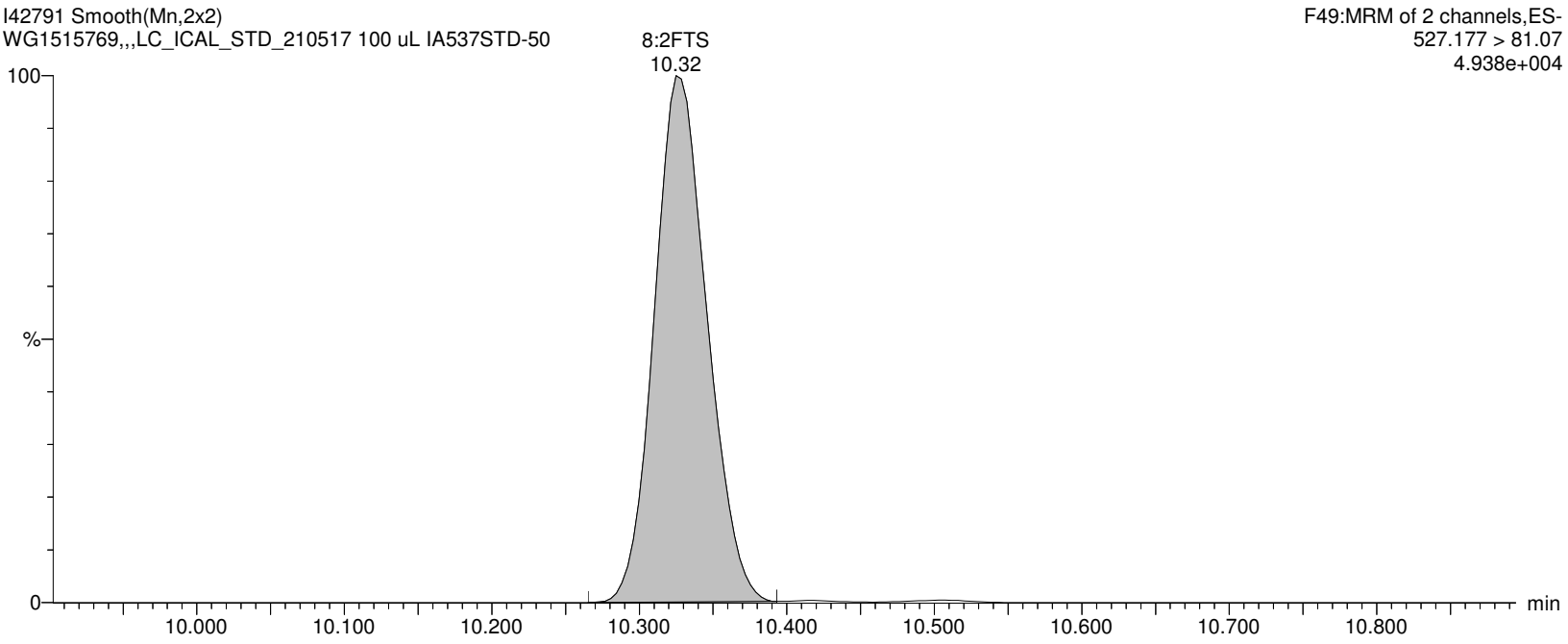
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

8:2FTS



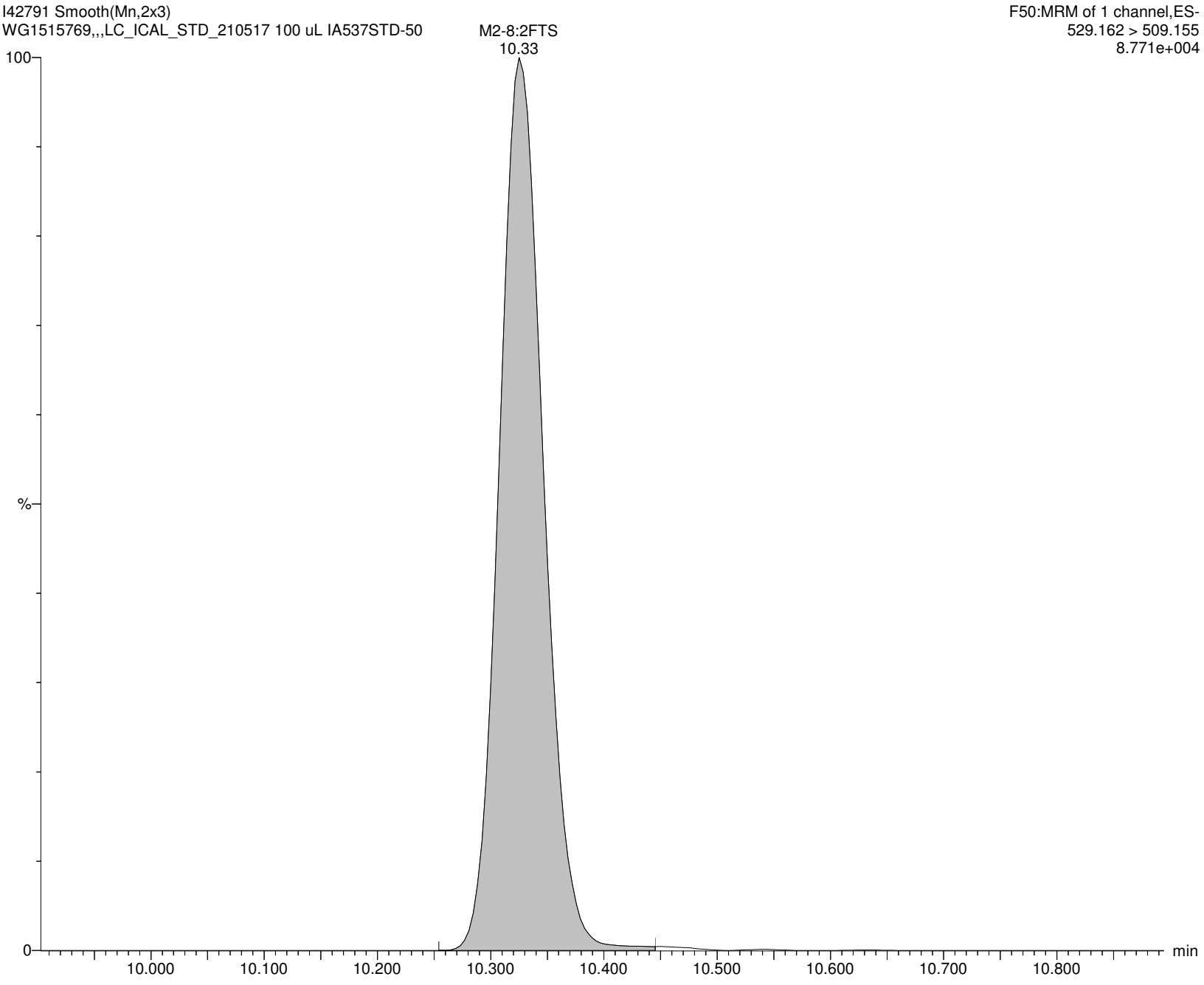


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-8:2FTS

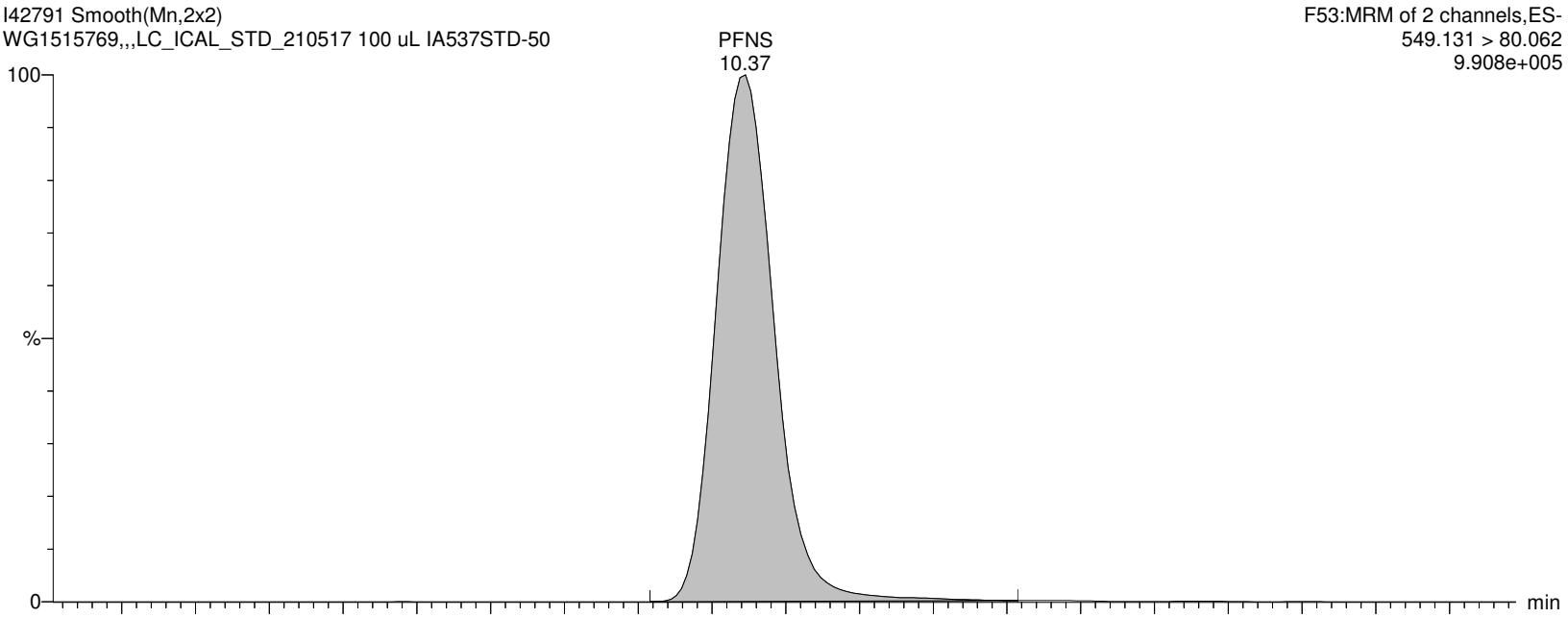


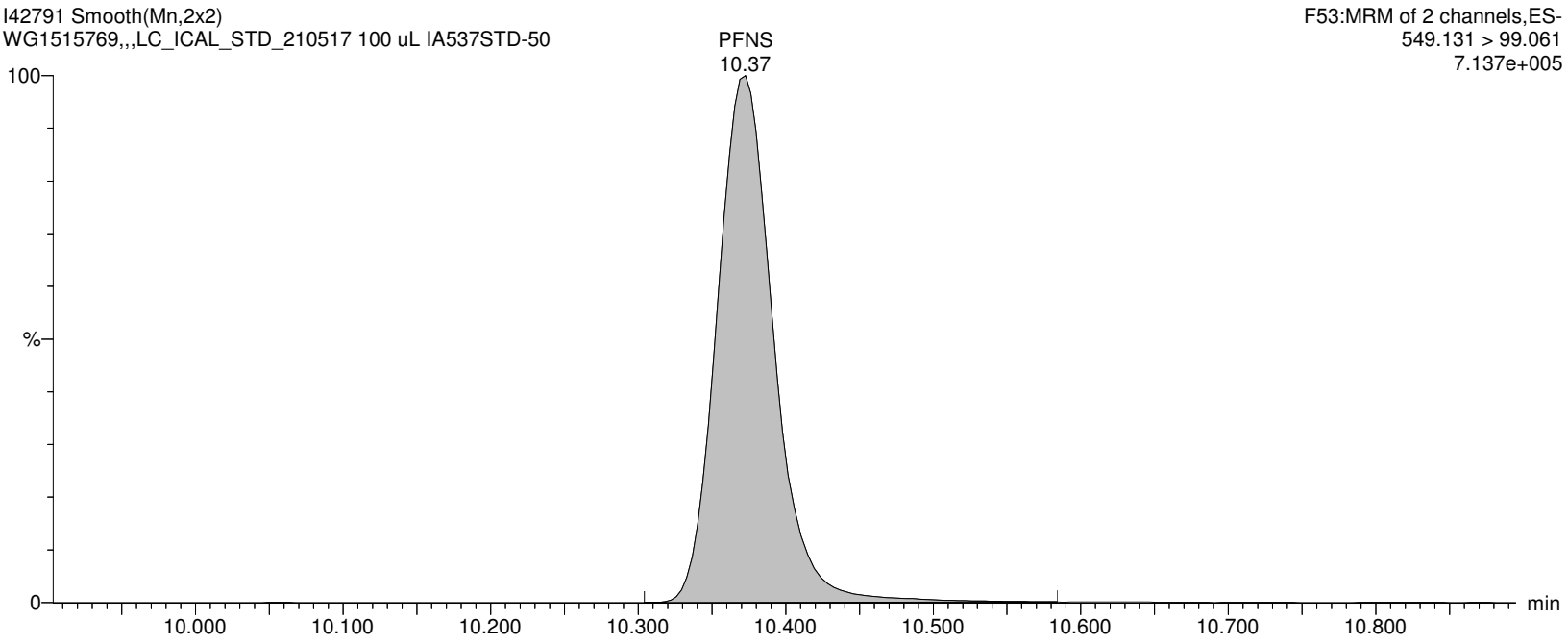
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNS



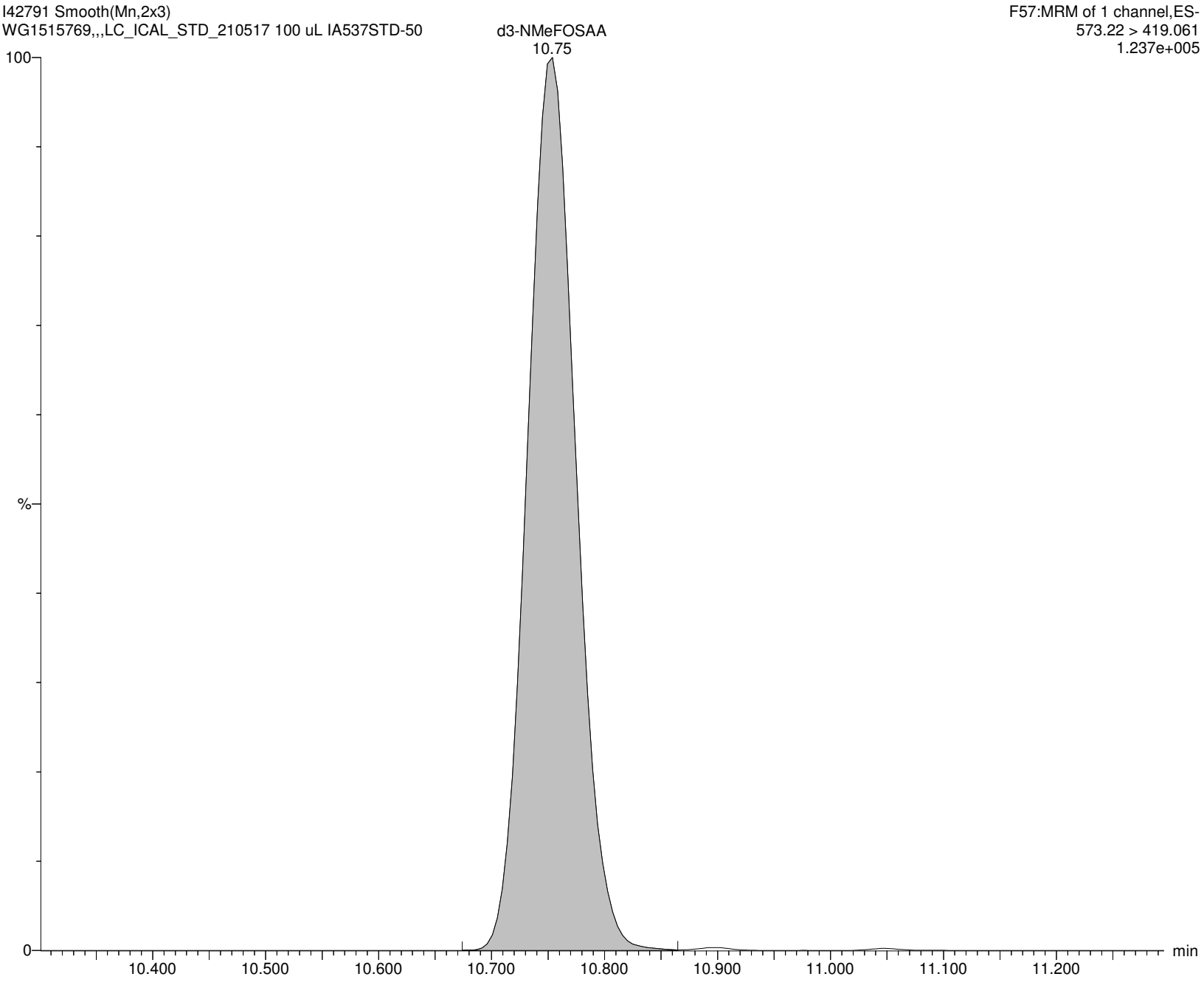


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSAA

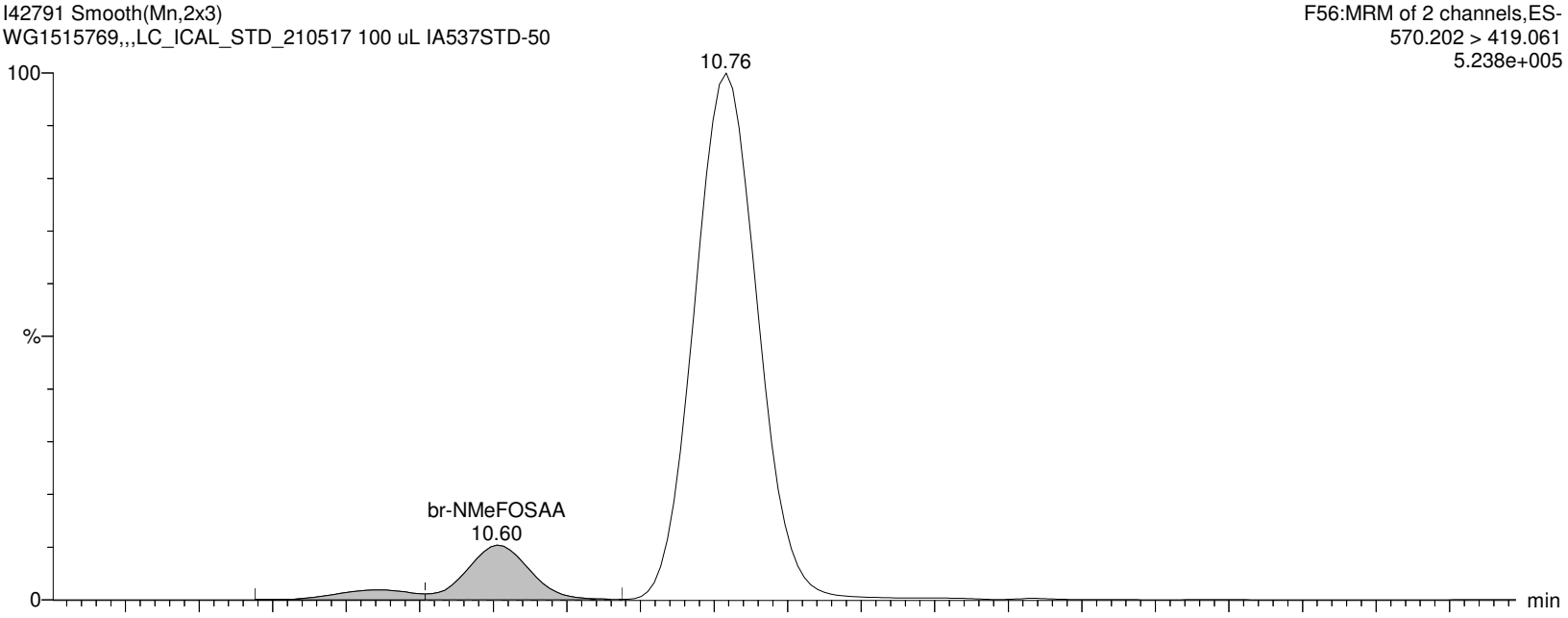


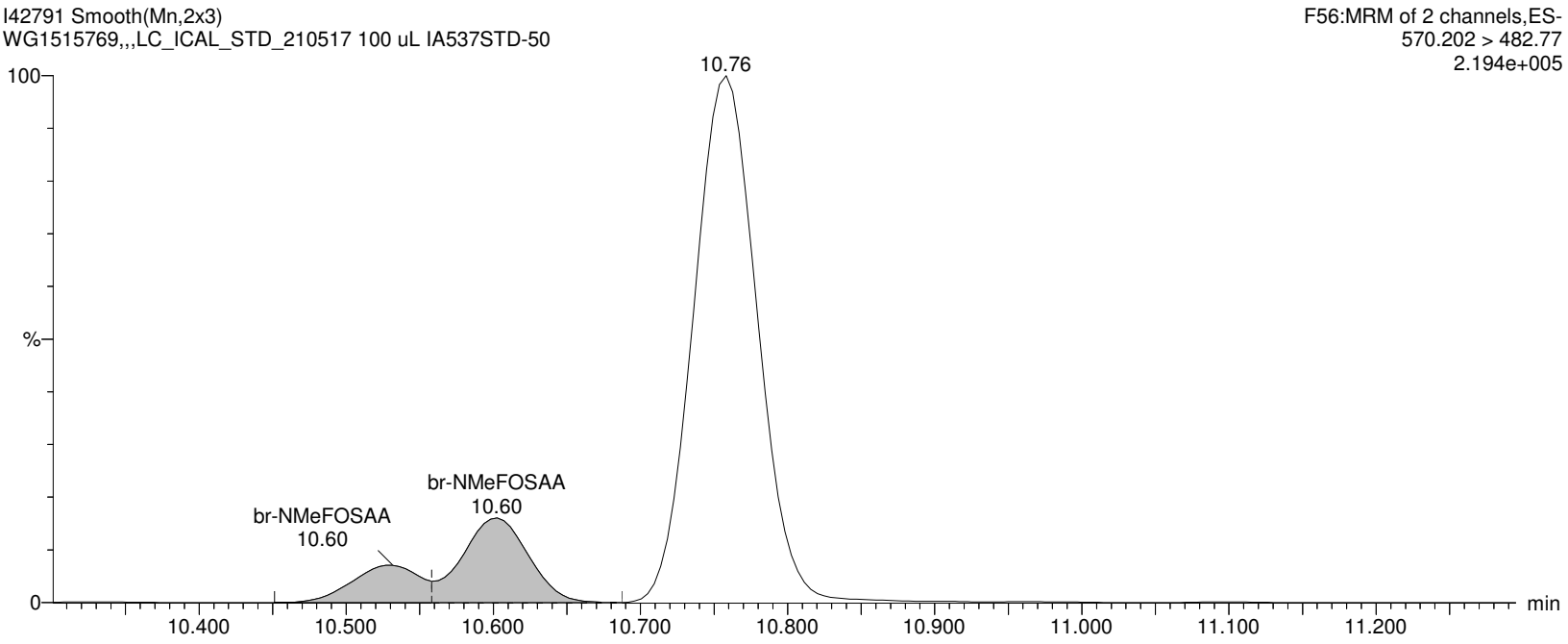
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NMeFOSAA



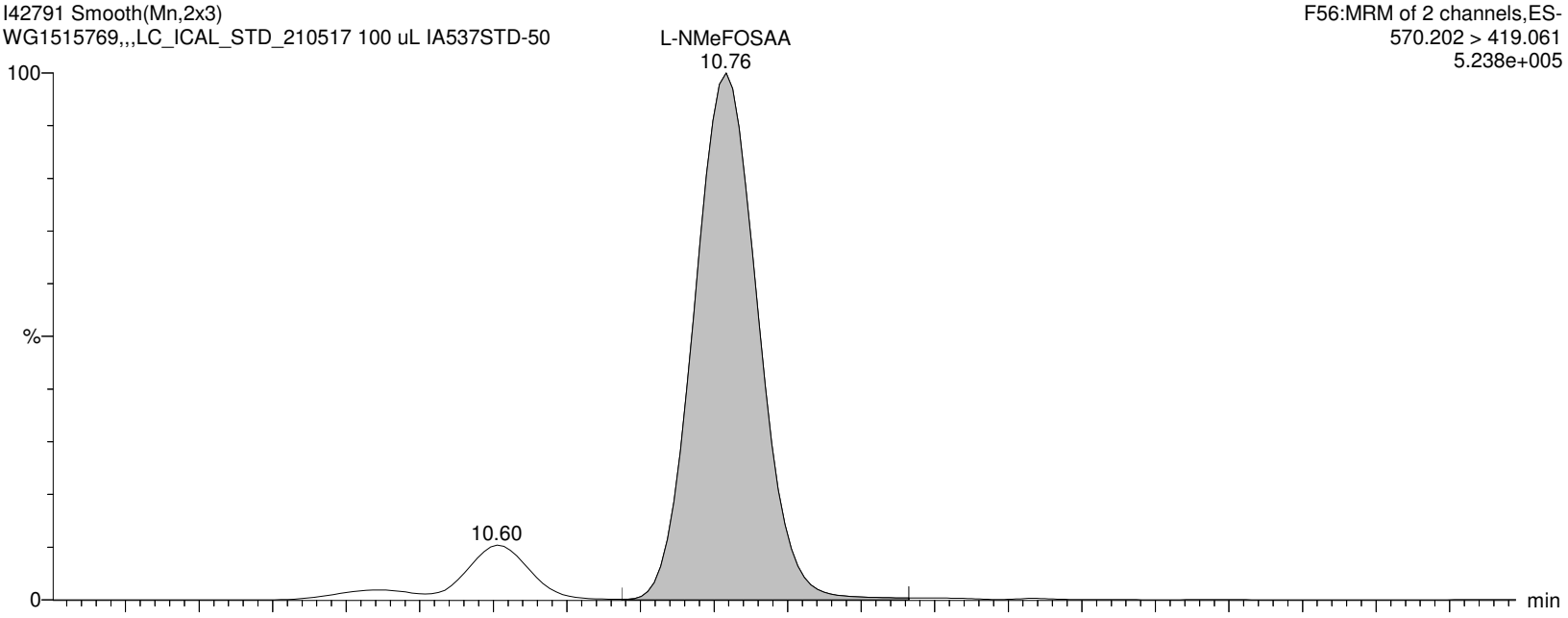


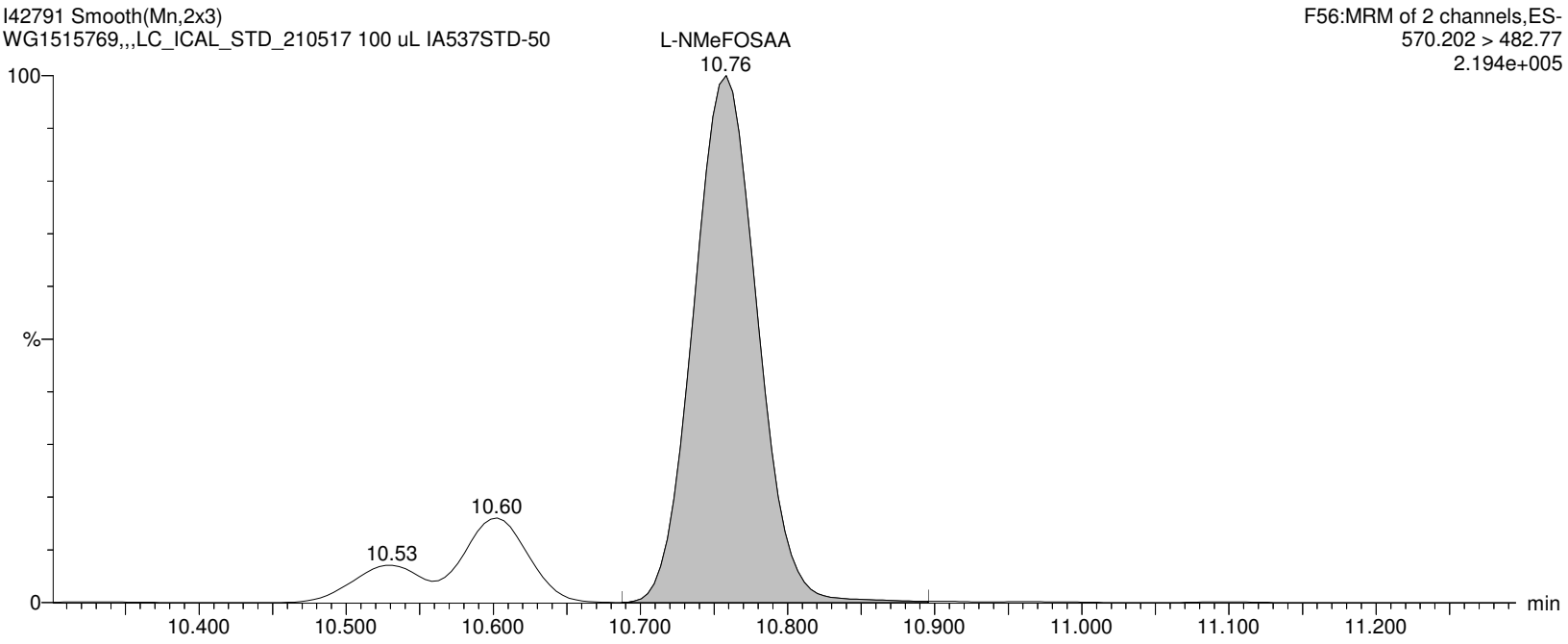
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NMeFOSAA

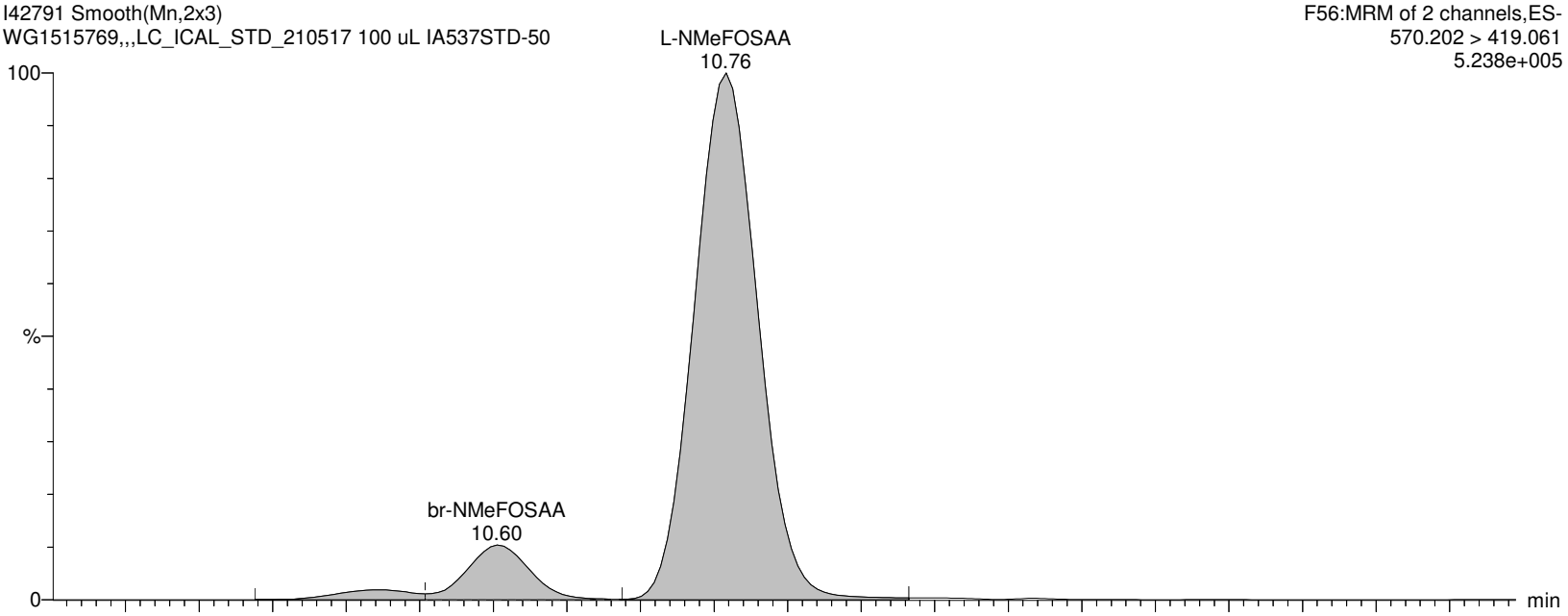


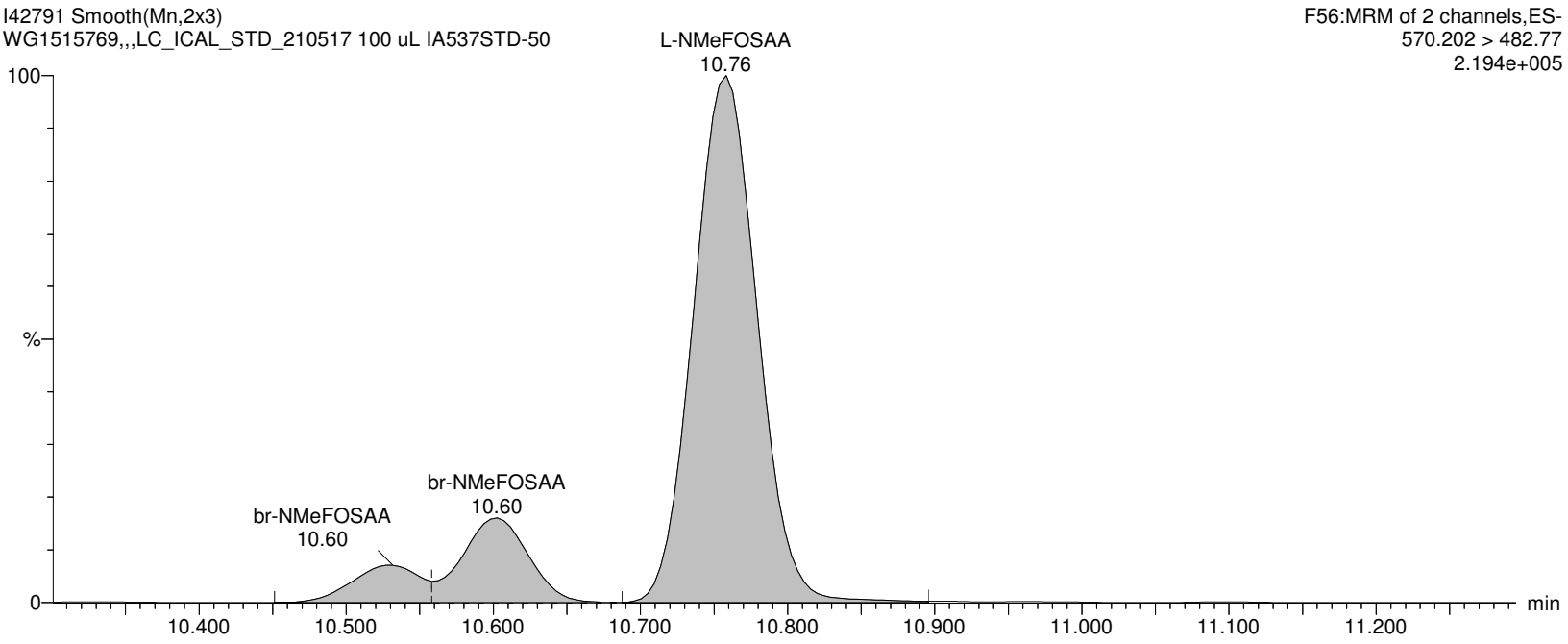


all concentration units in (ng/mL)

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSAA



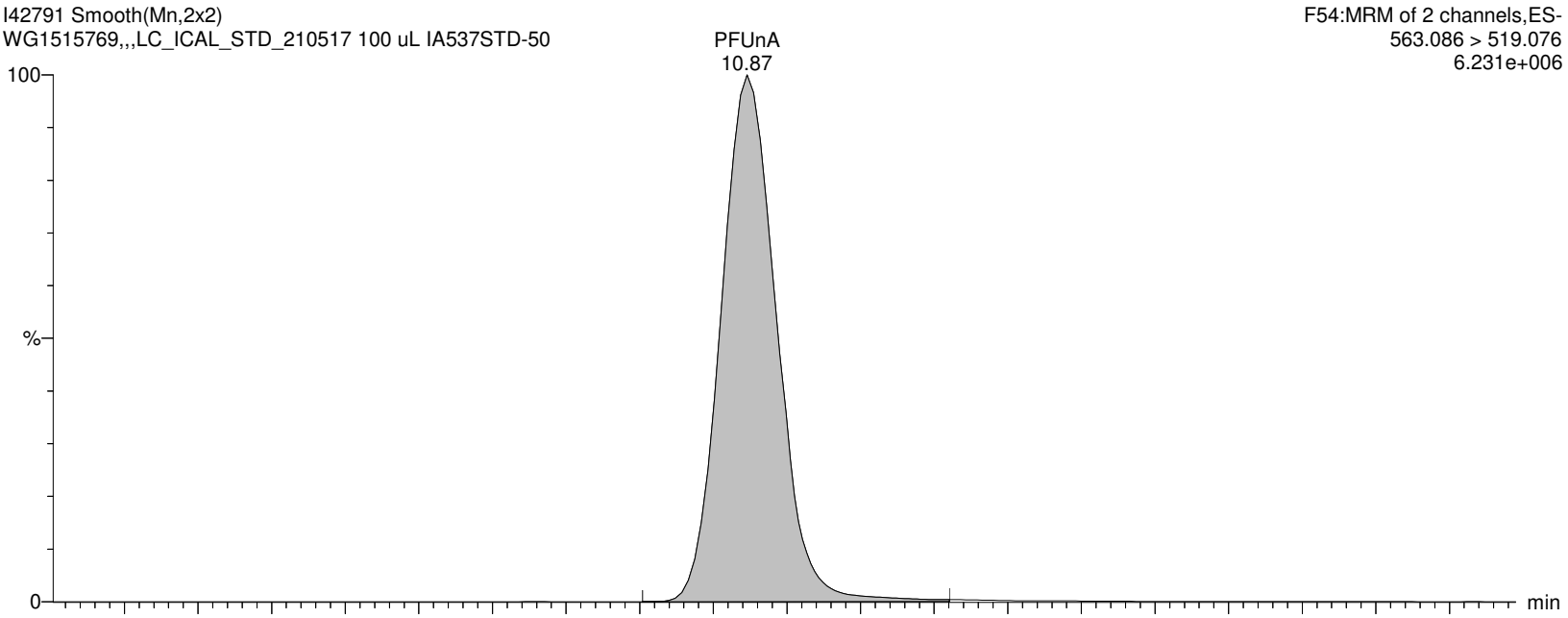


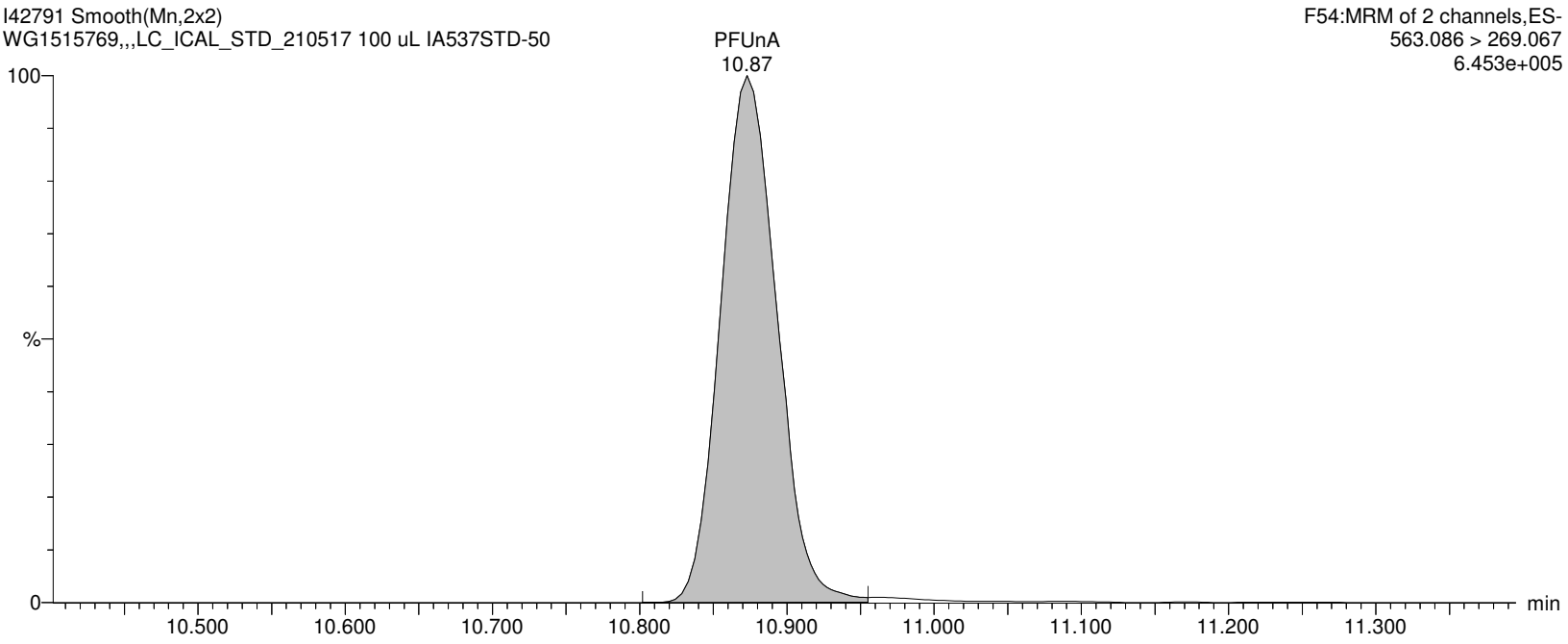
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFUnA



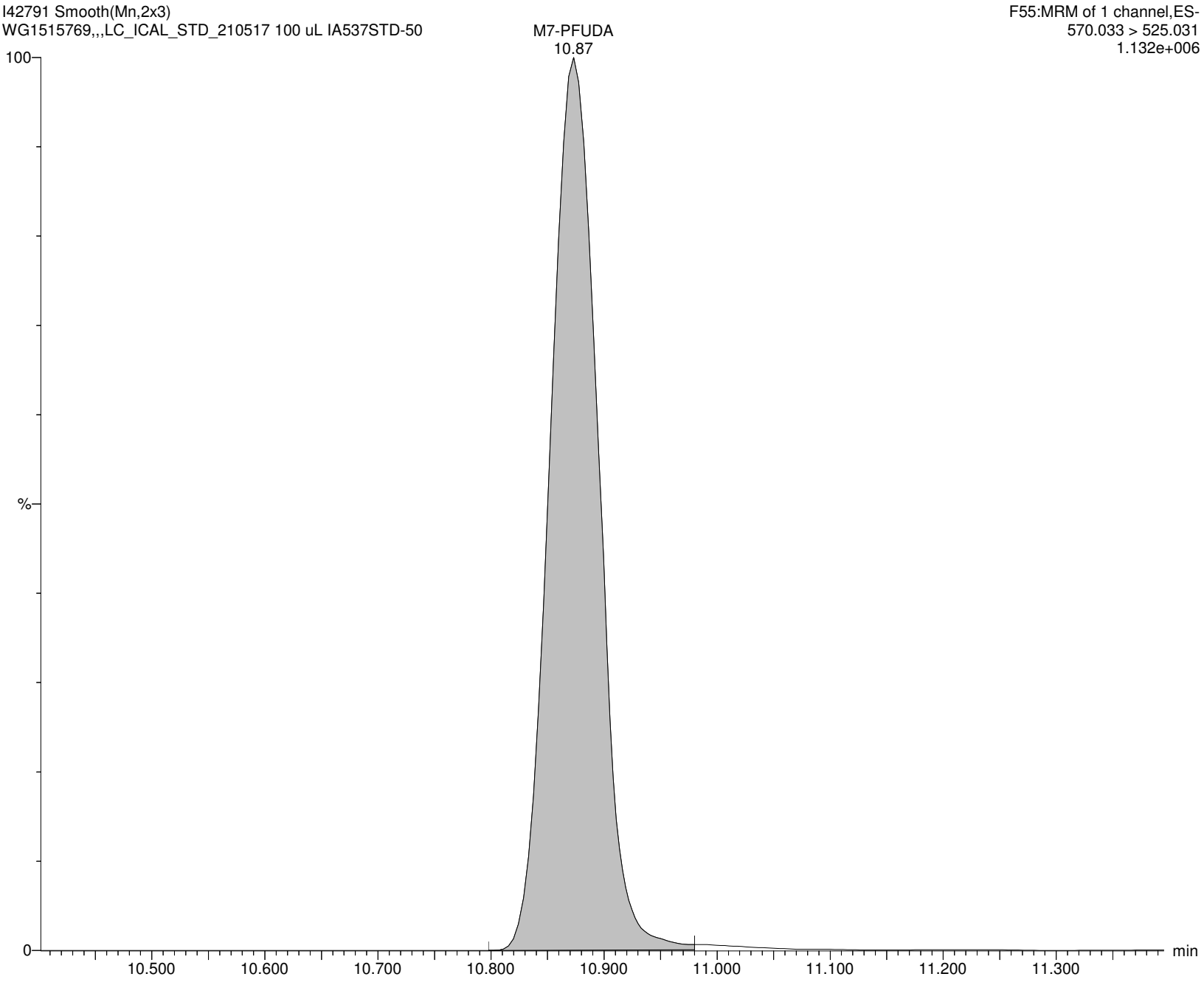


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M7-PFUDA

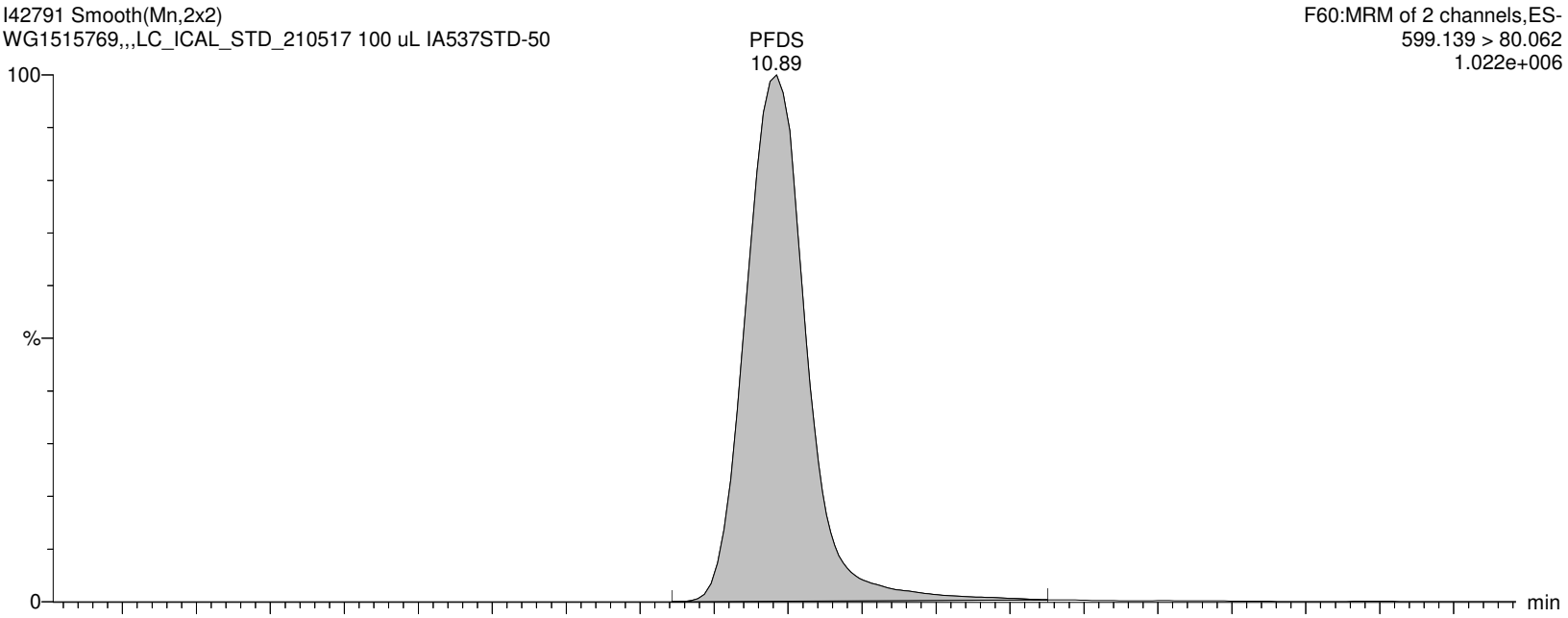


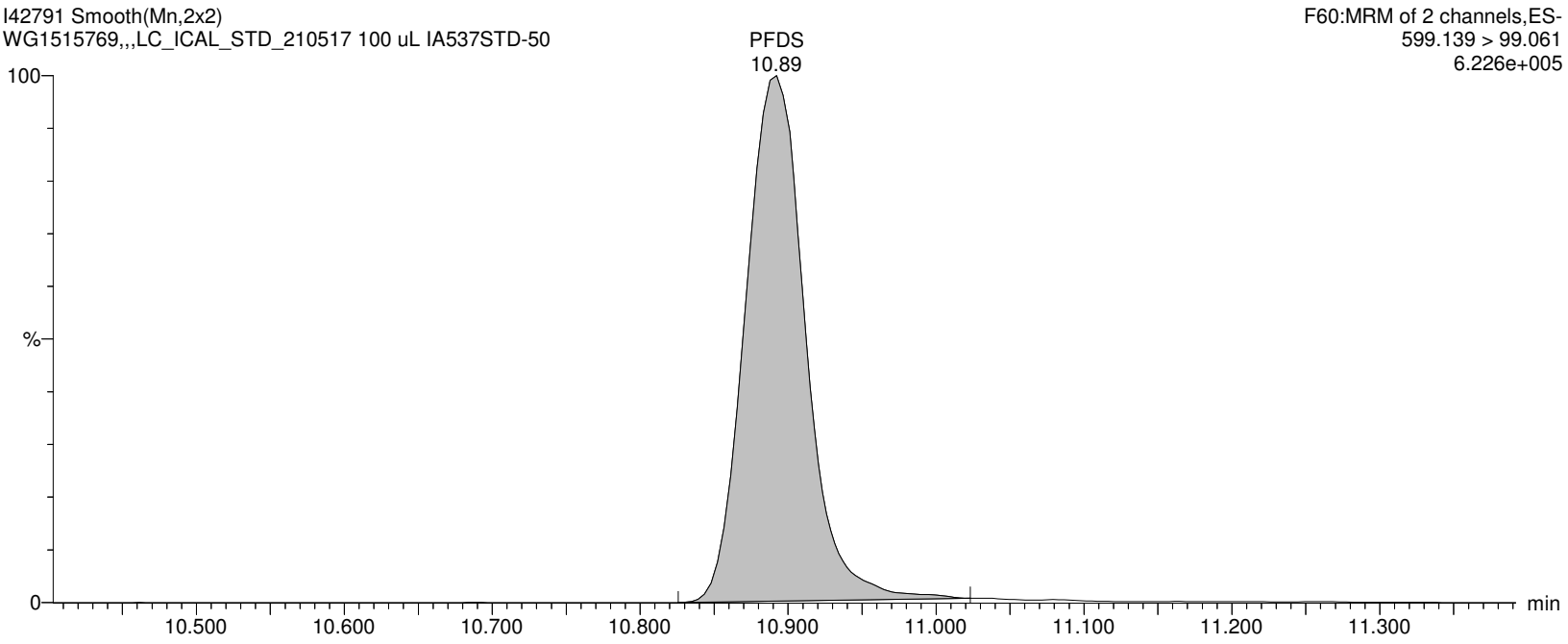
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDS



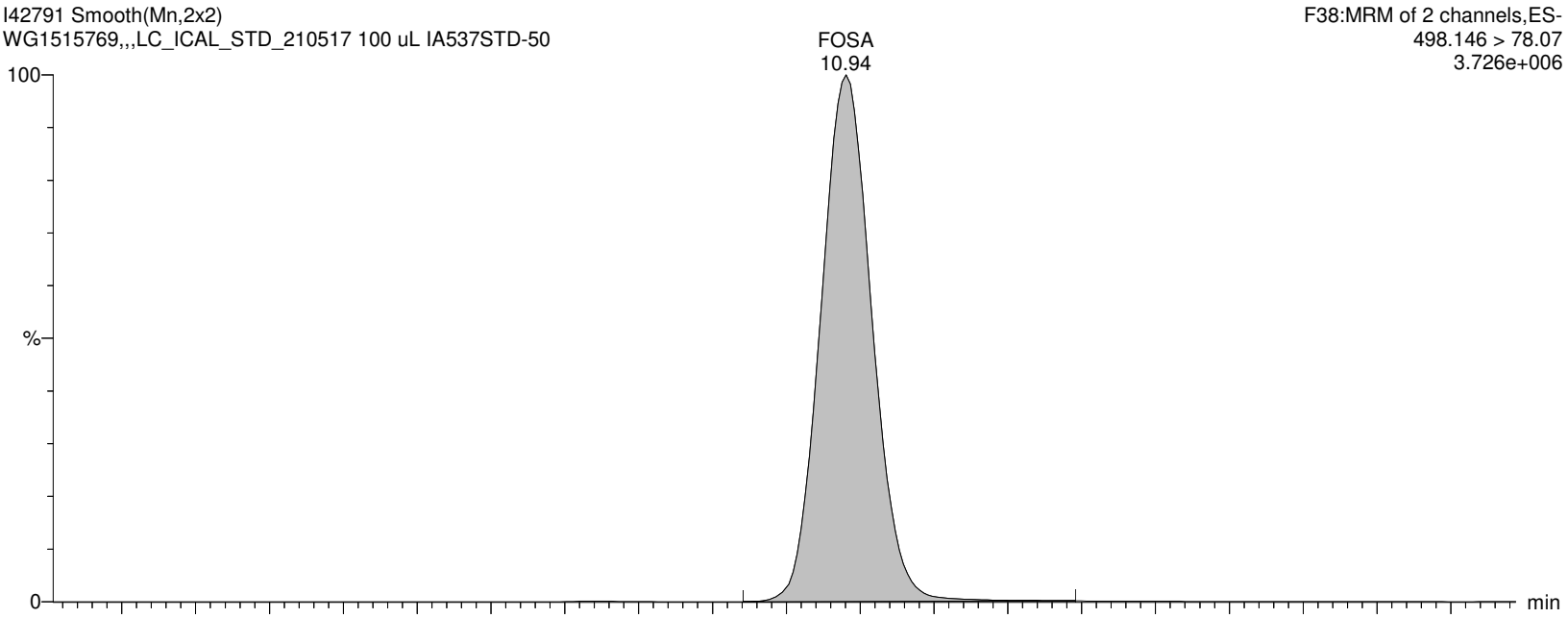


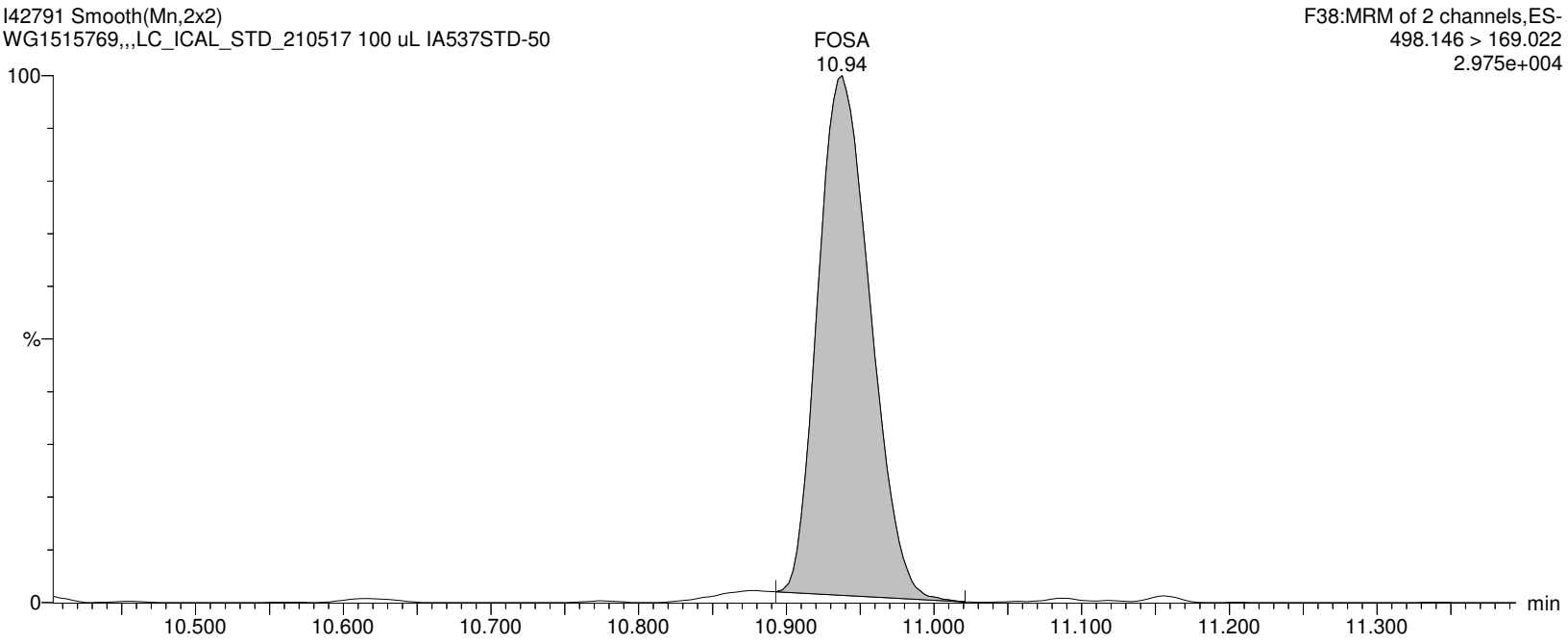
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

FOSA



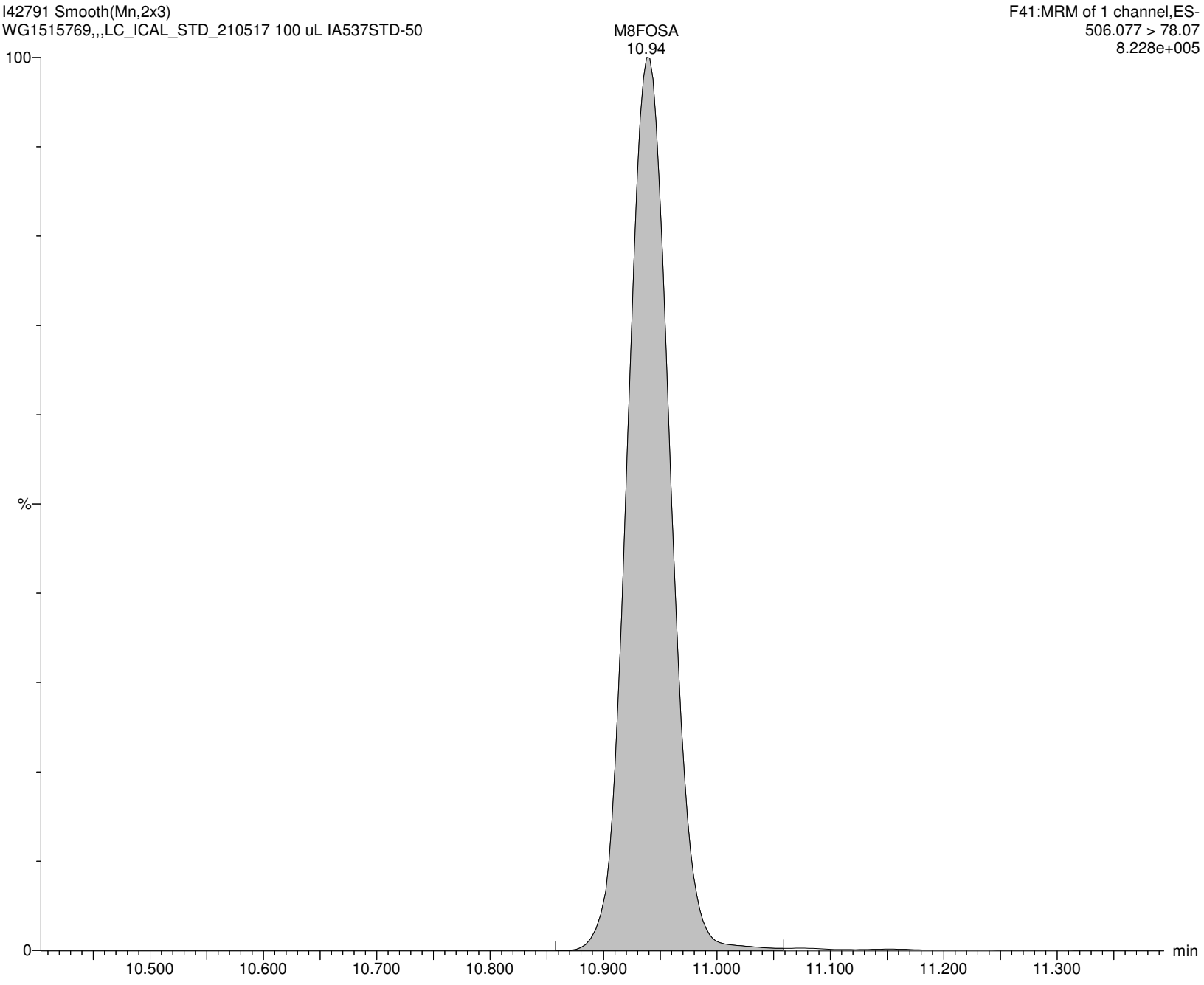


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8FOSA

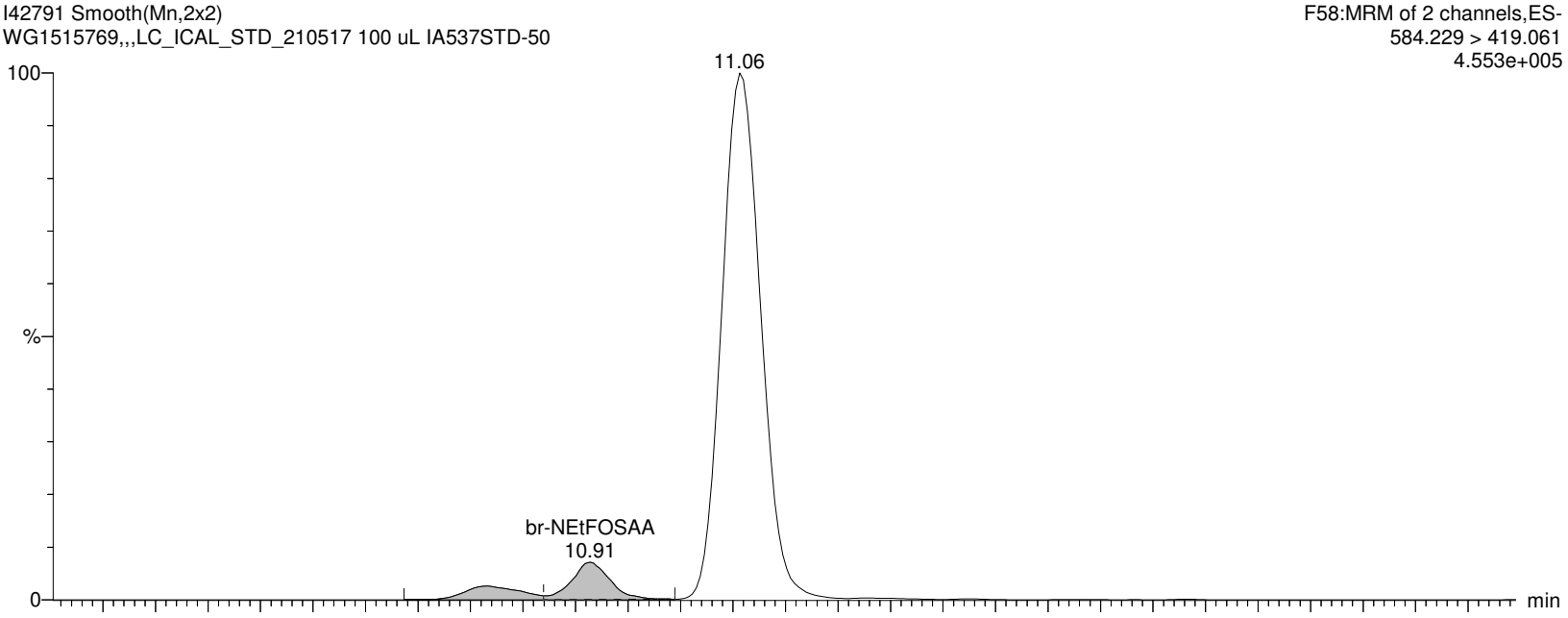


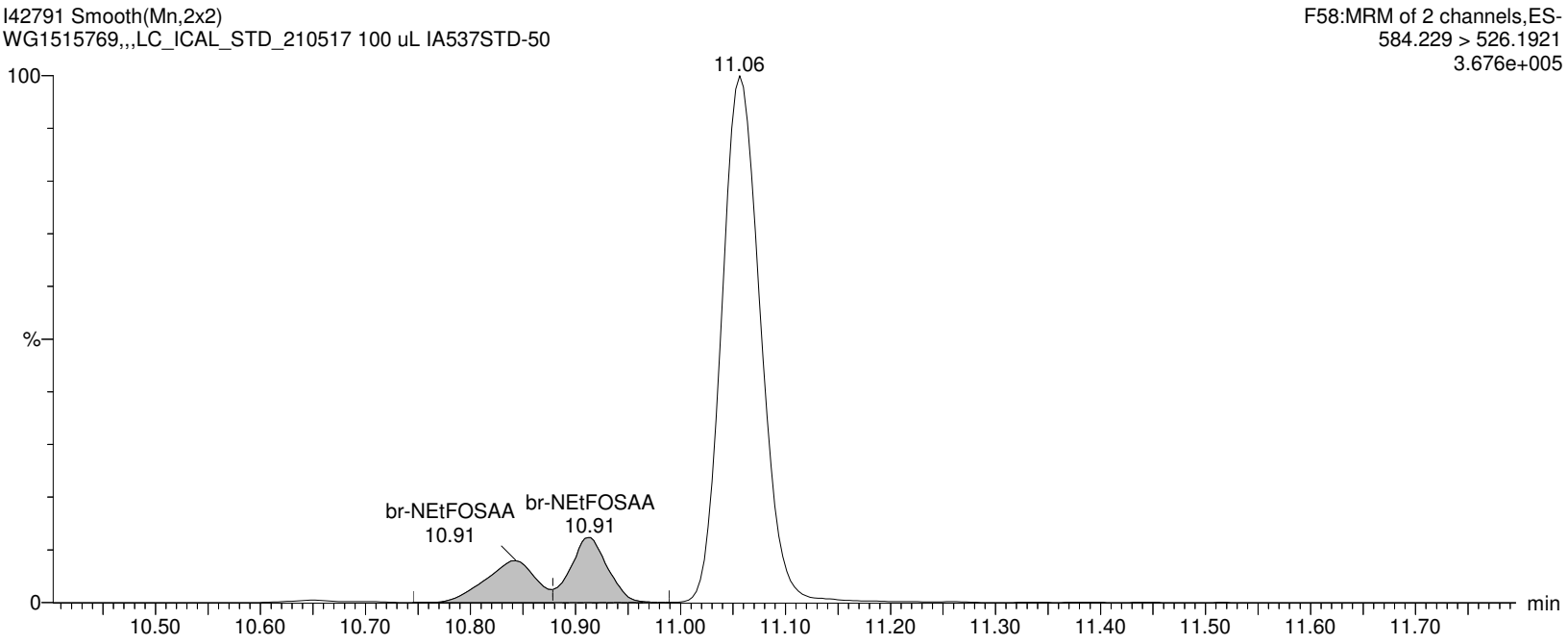
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NEtFOSAA



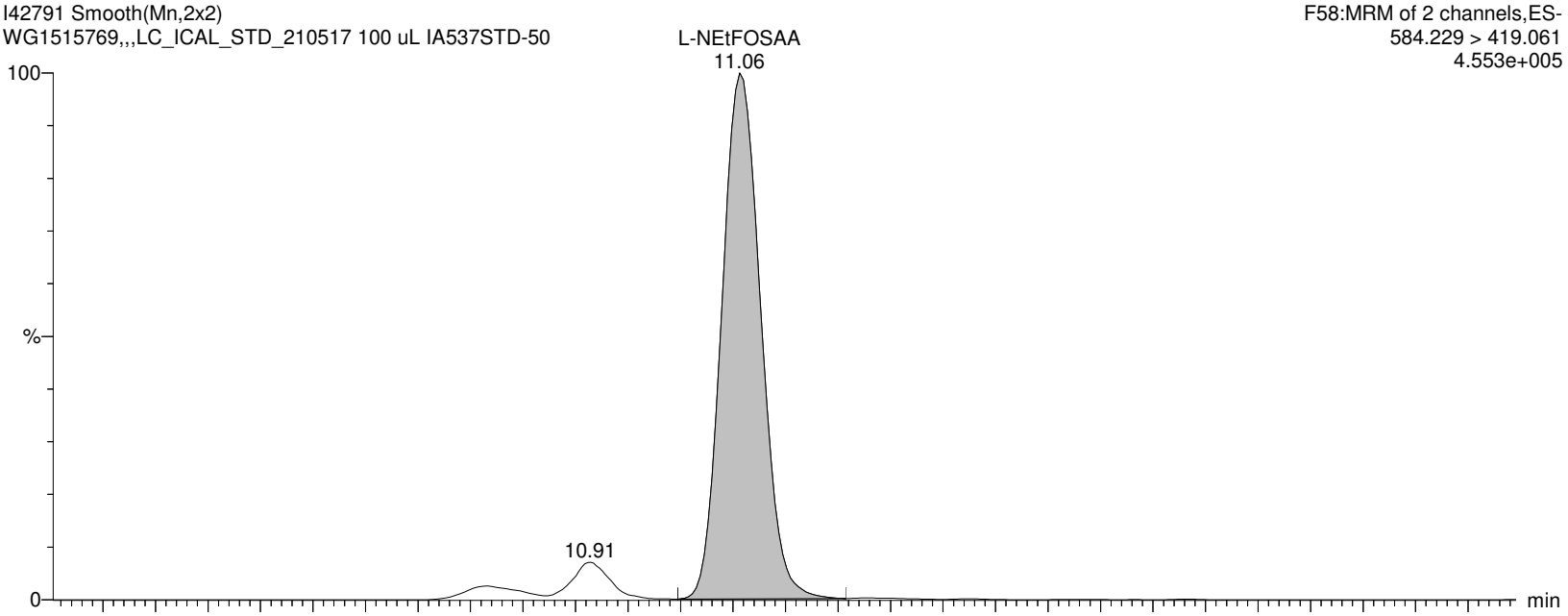


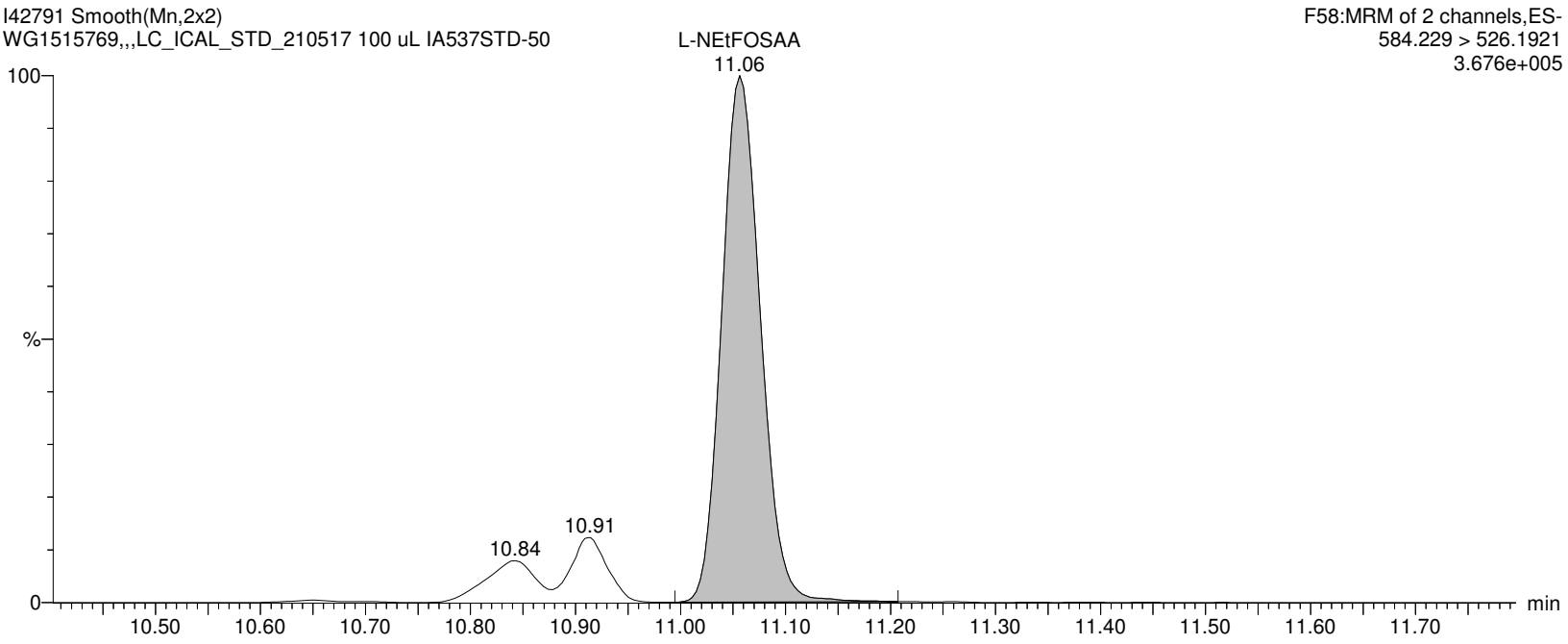
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NEtFOSAA



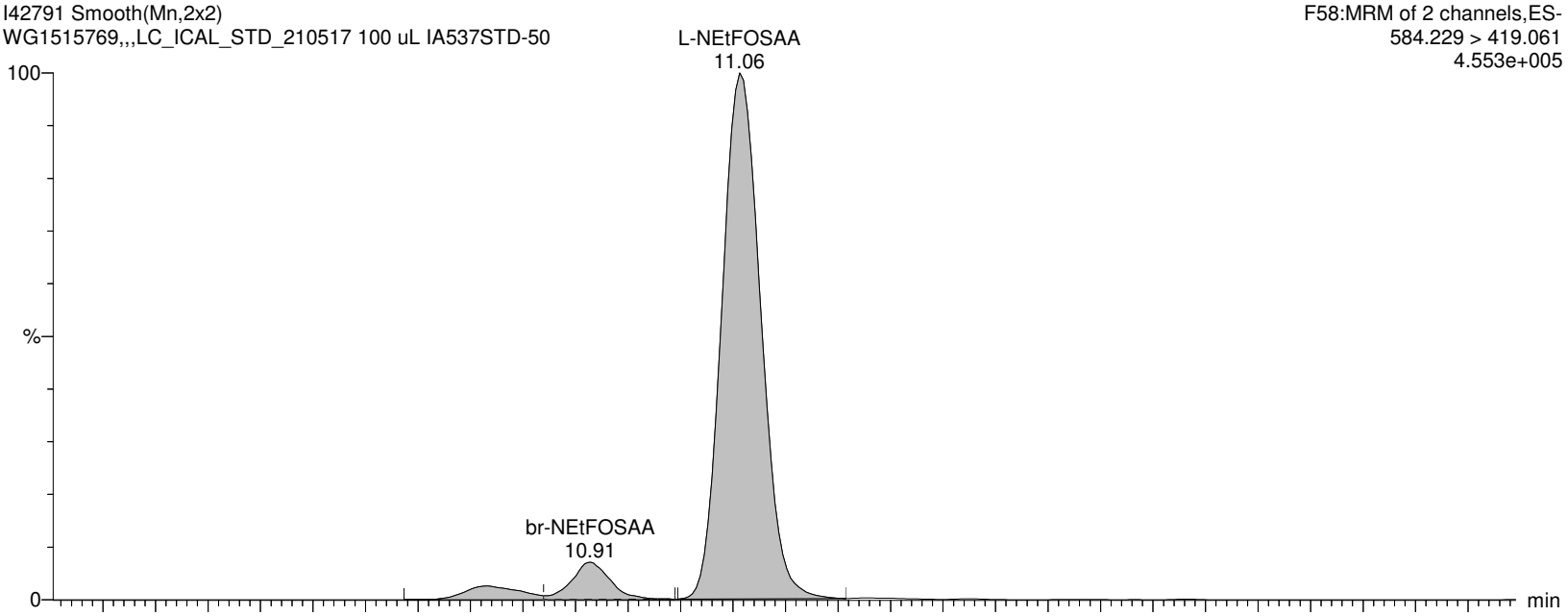


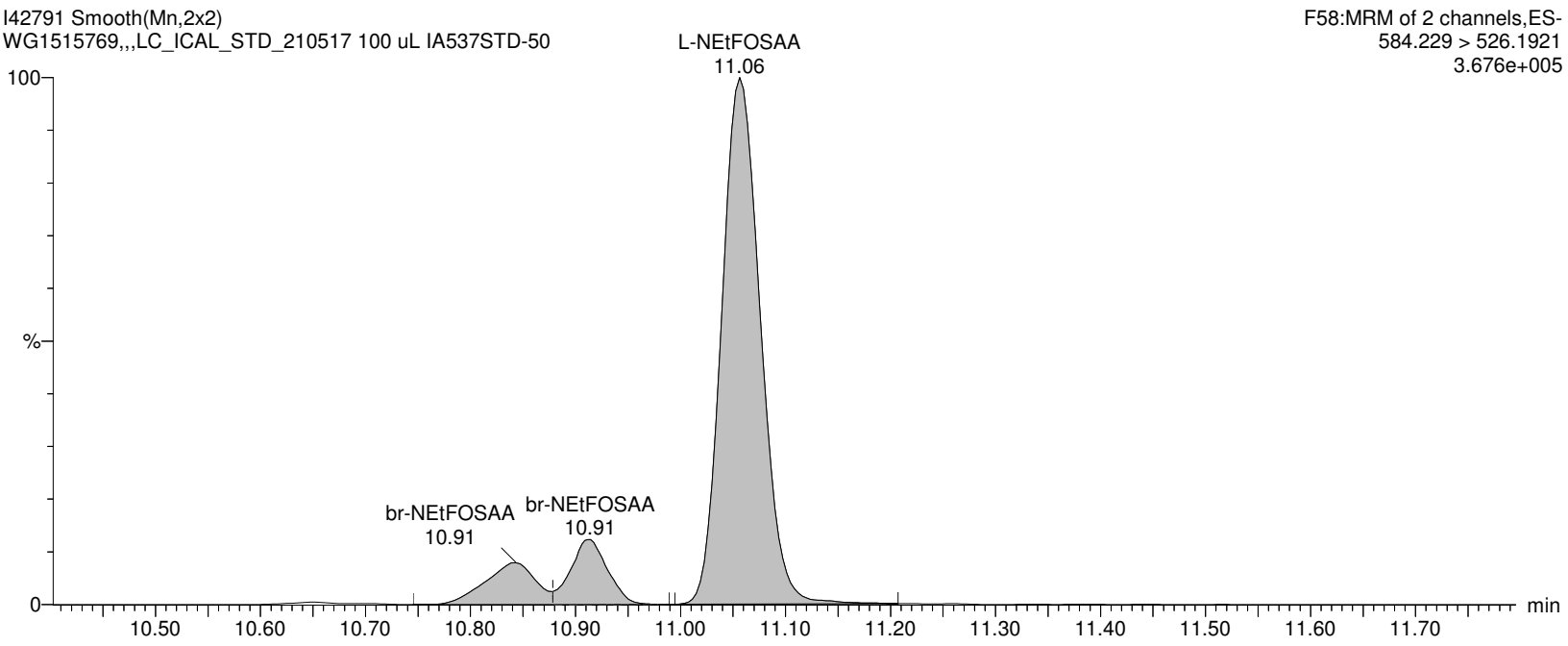
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSAA



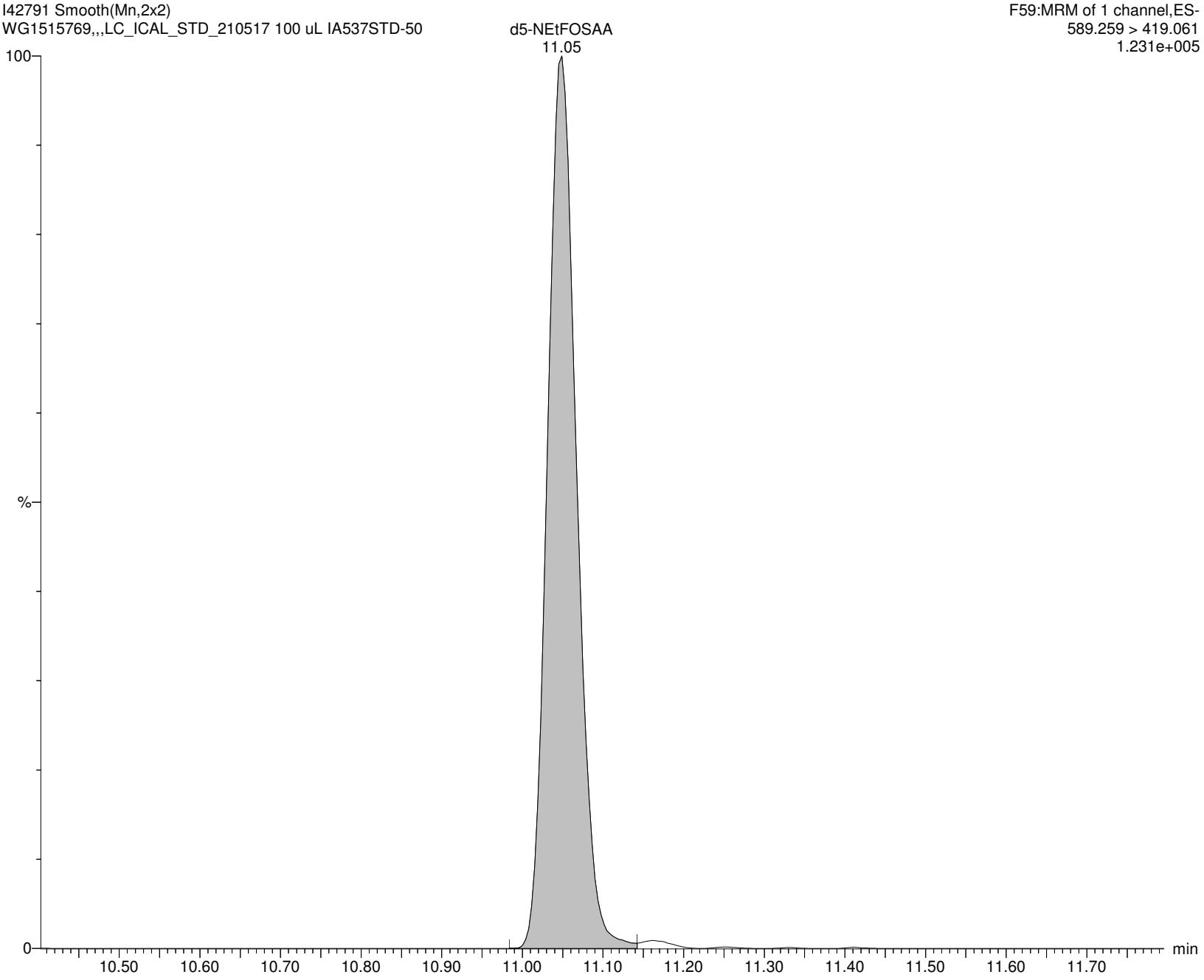


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSAA

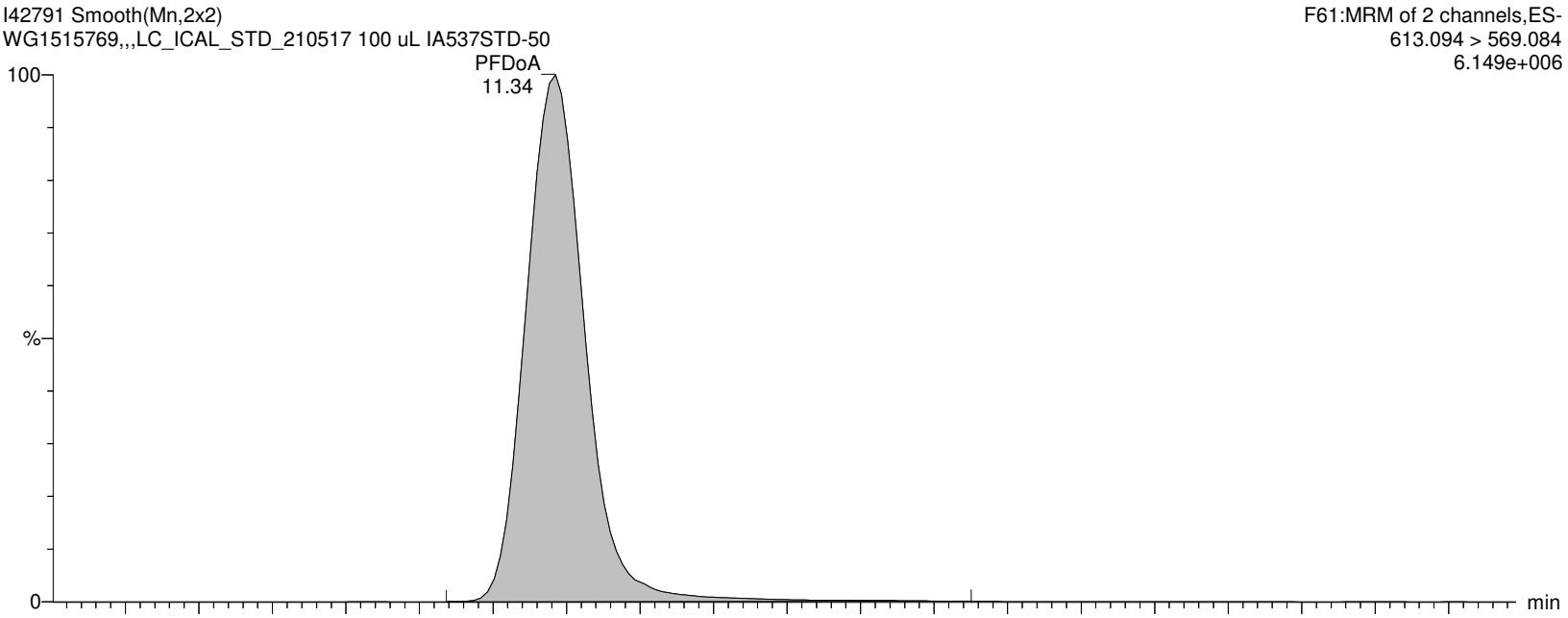


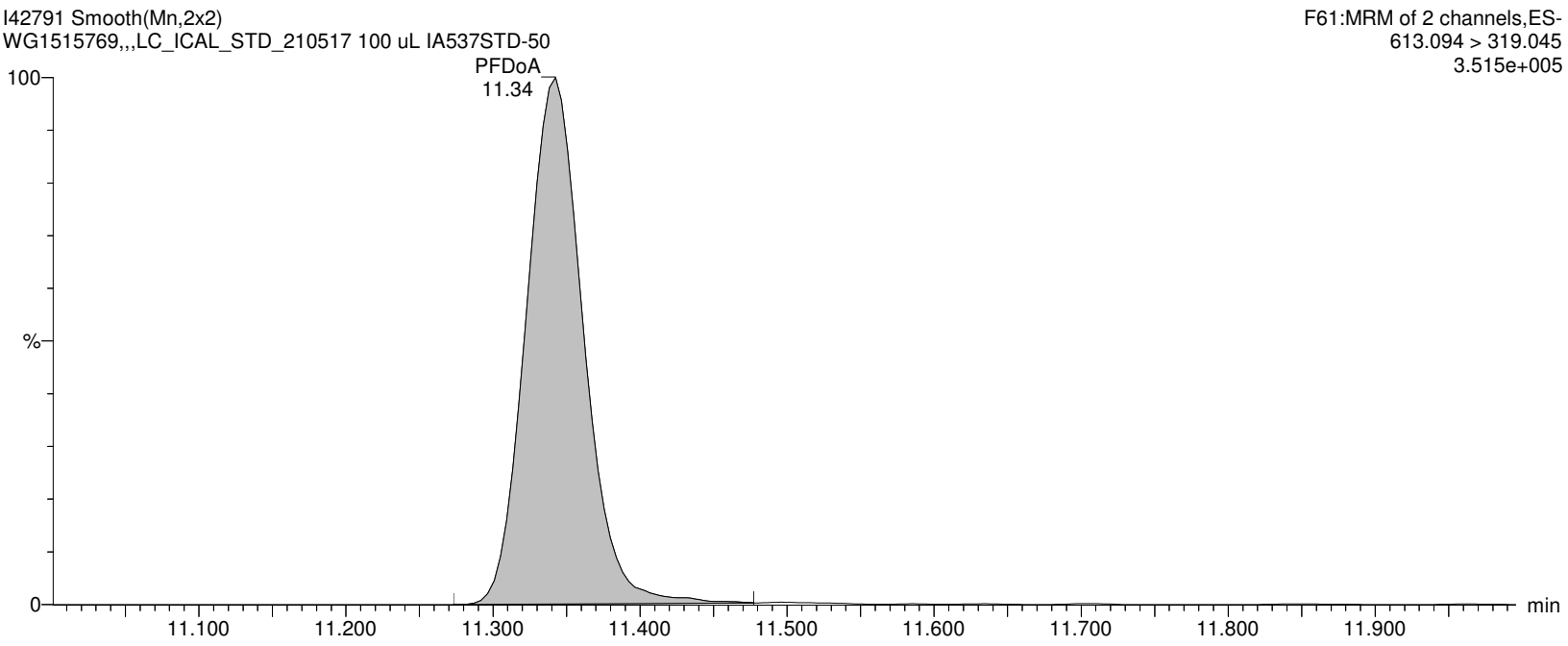
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoA



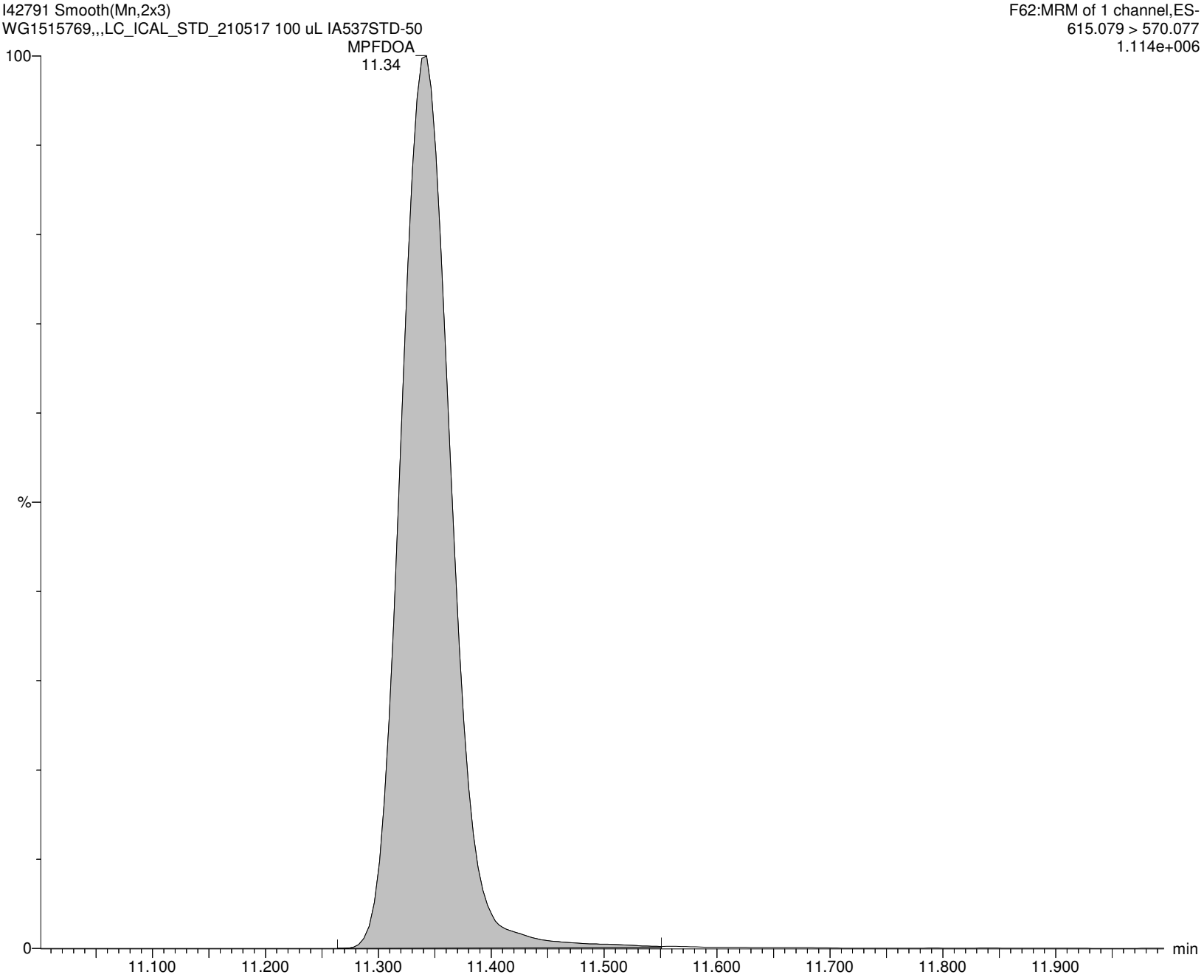


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFDOA

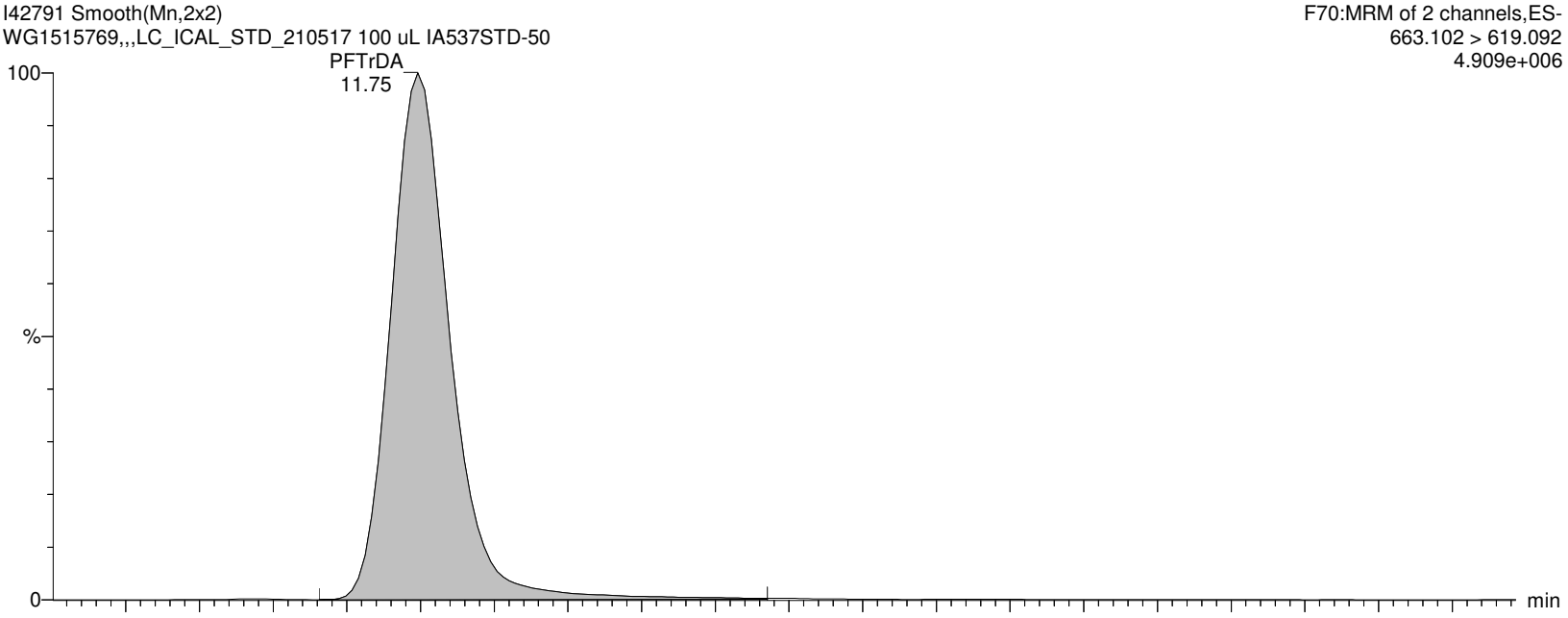


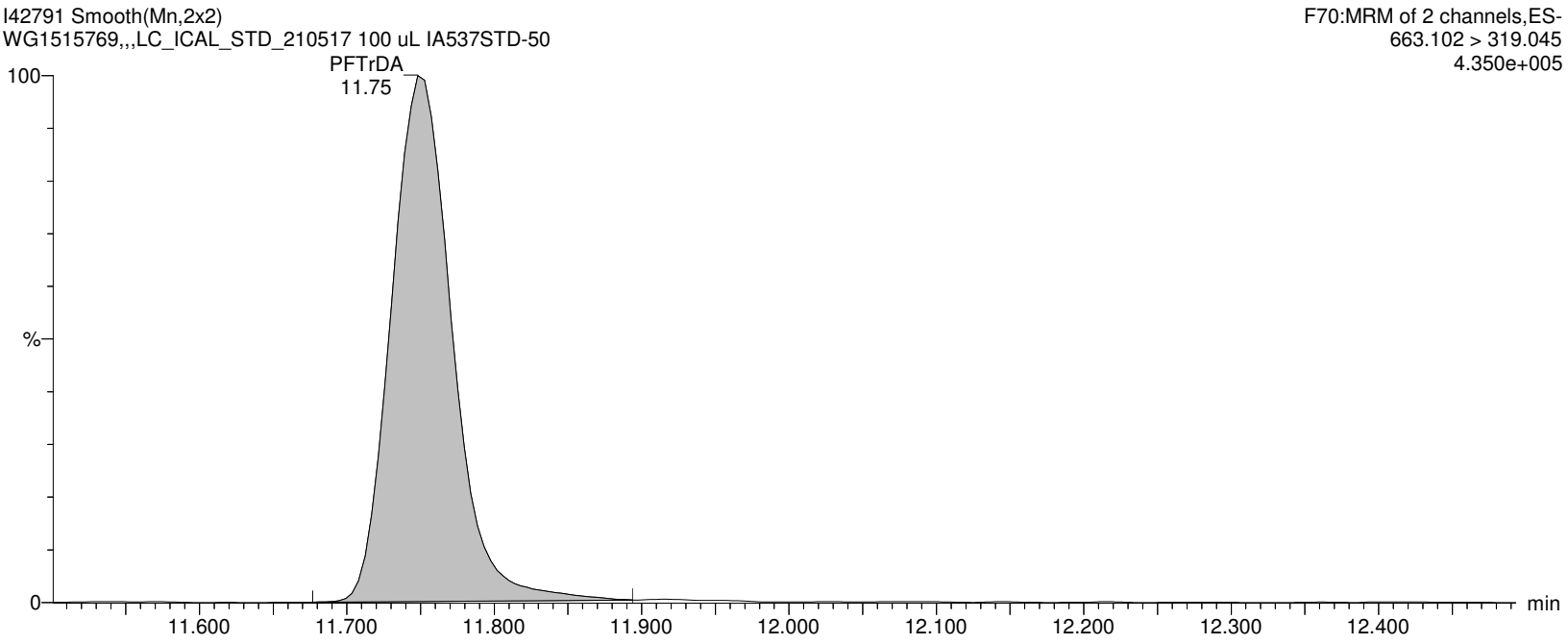
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTrDA



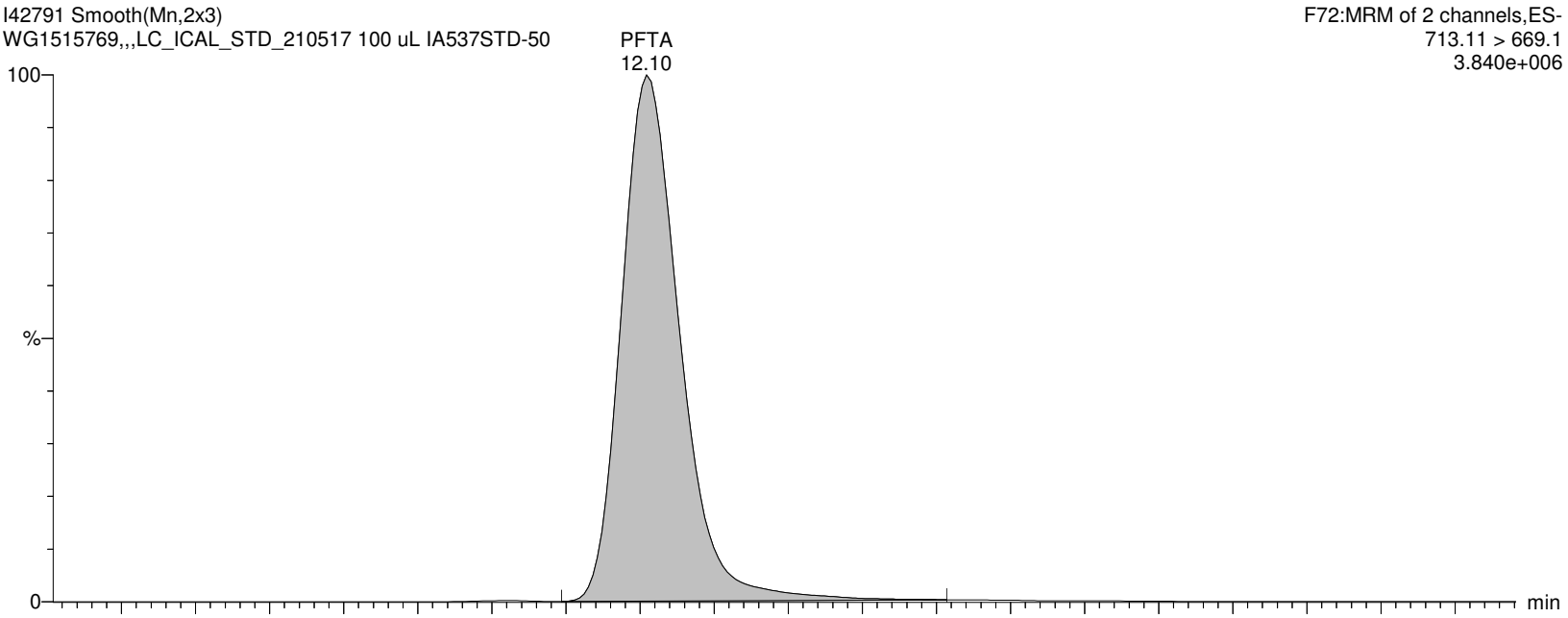


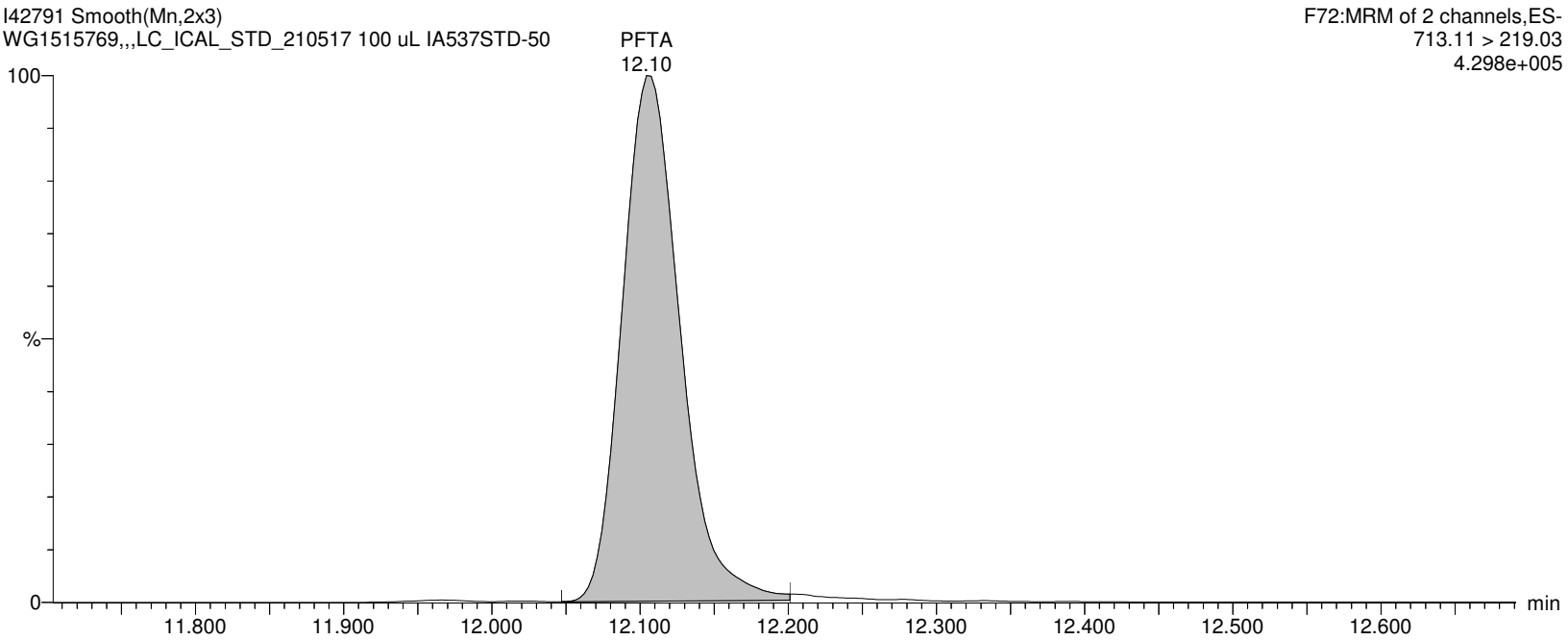
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTA



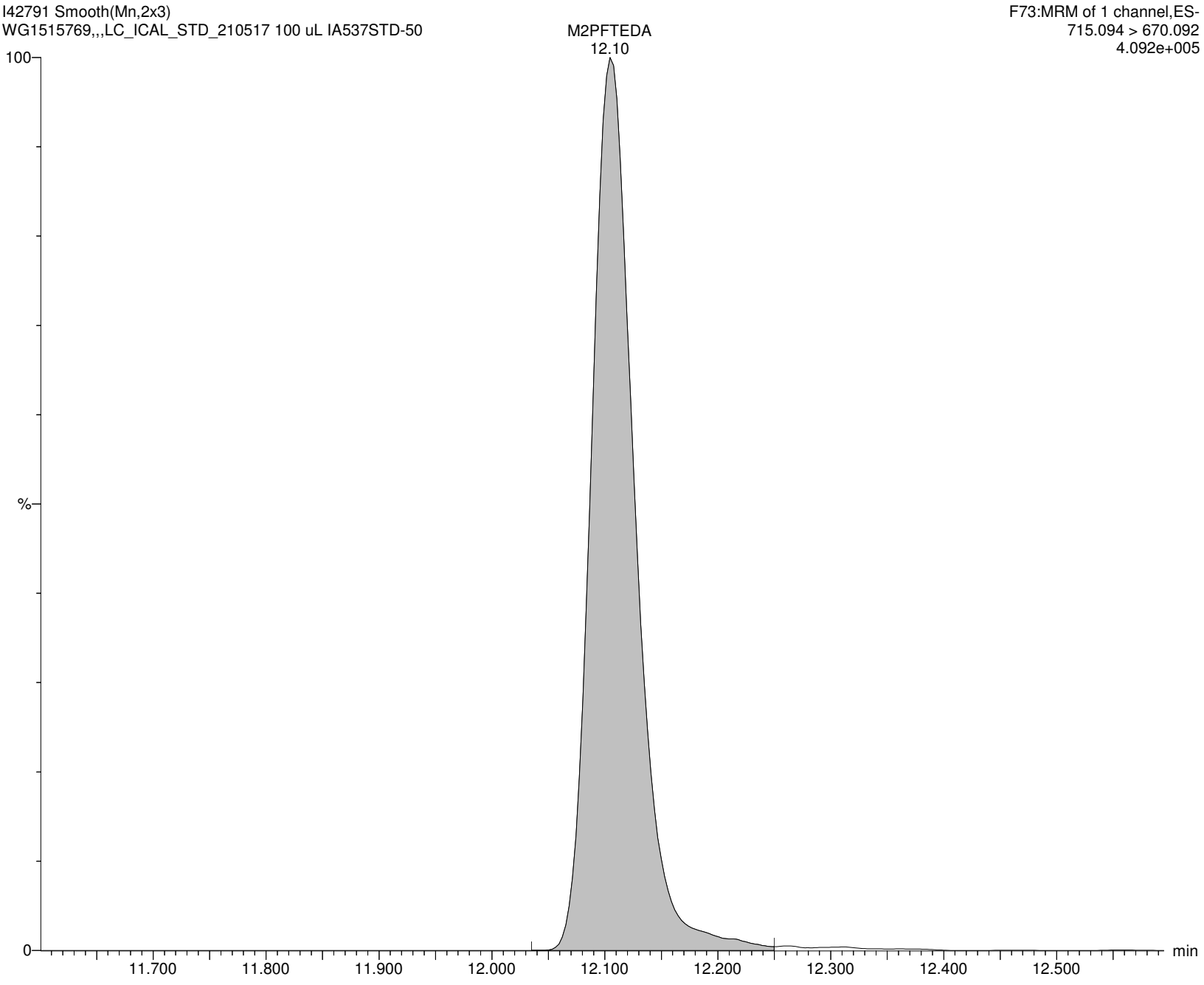


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFTEDA

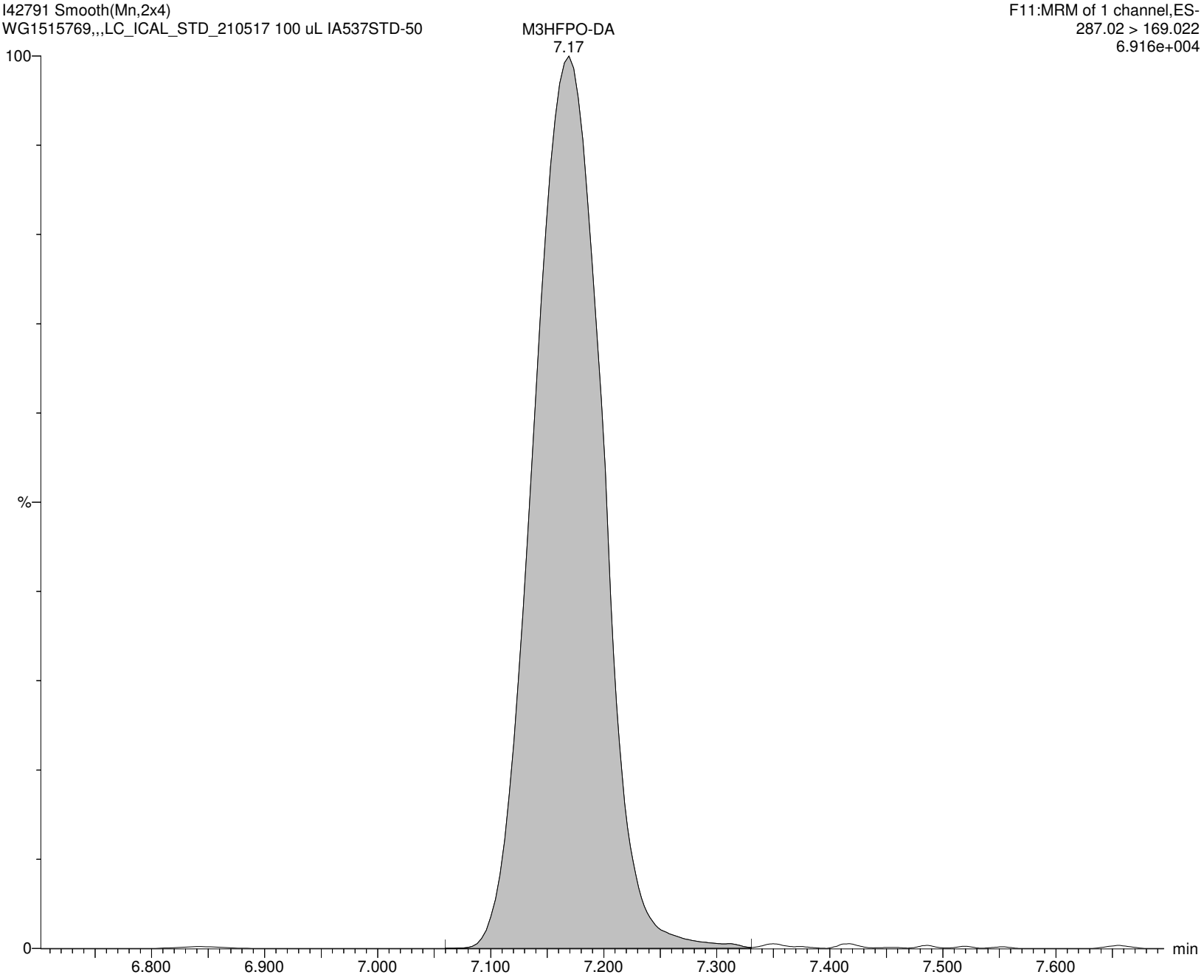


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3HFPO-DA

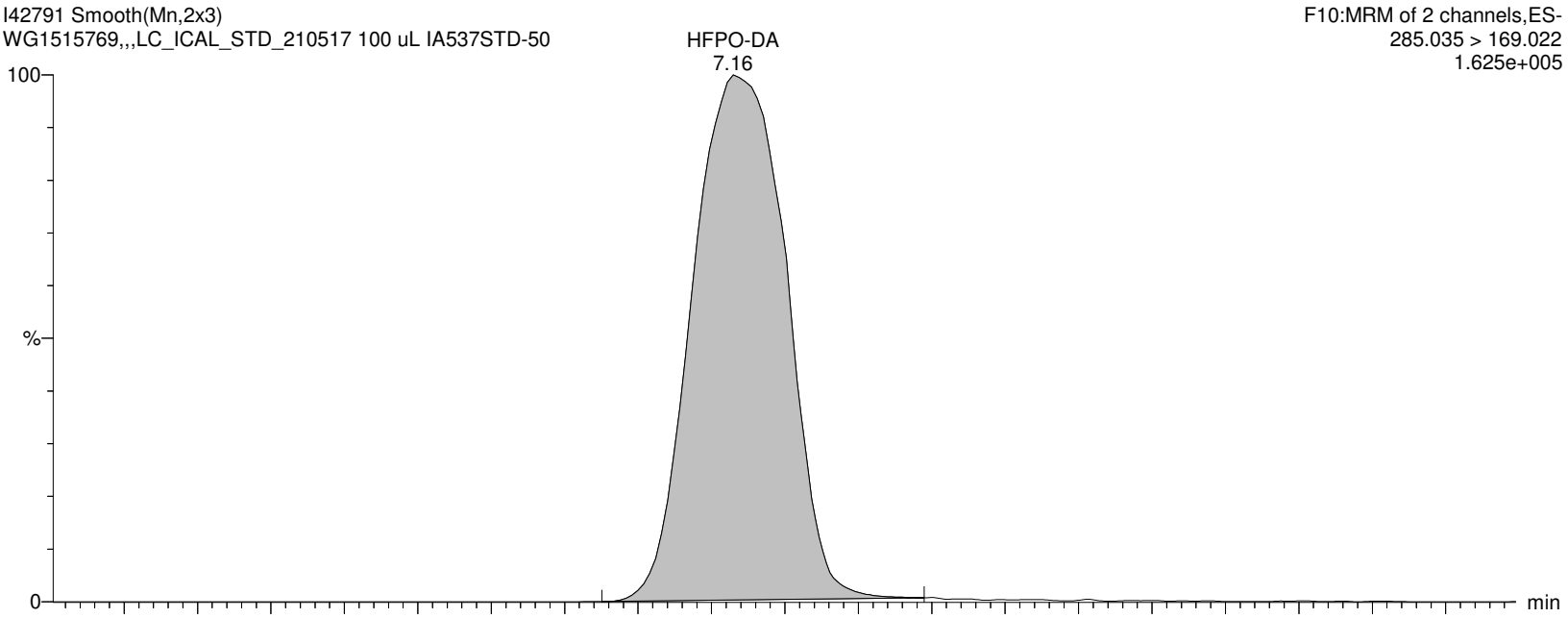


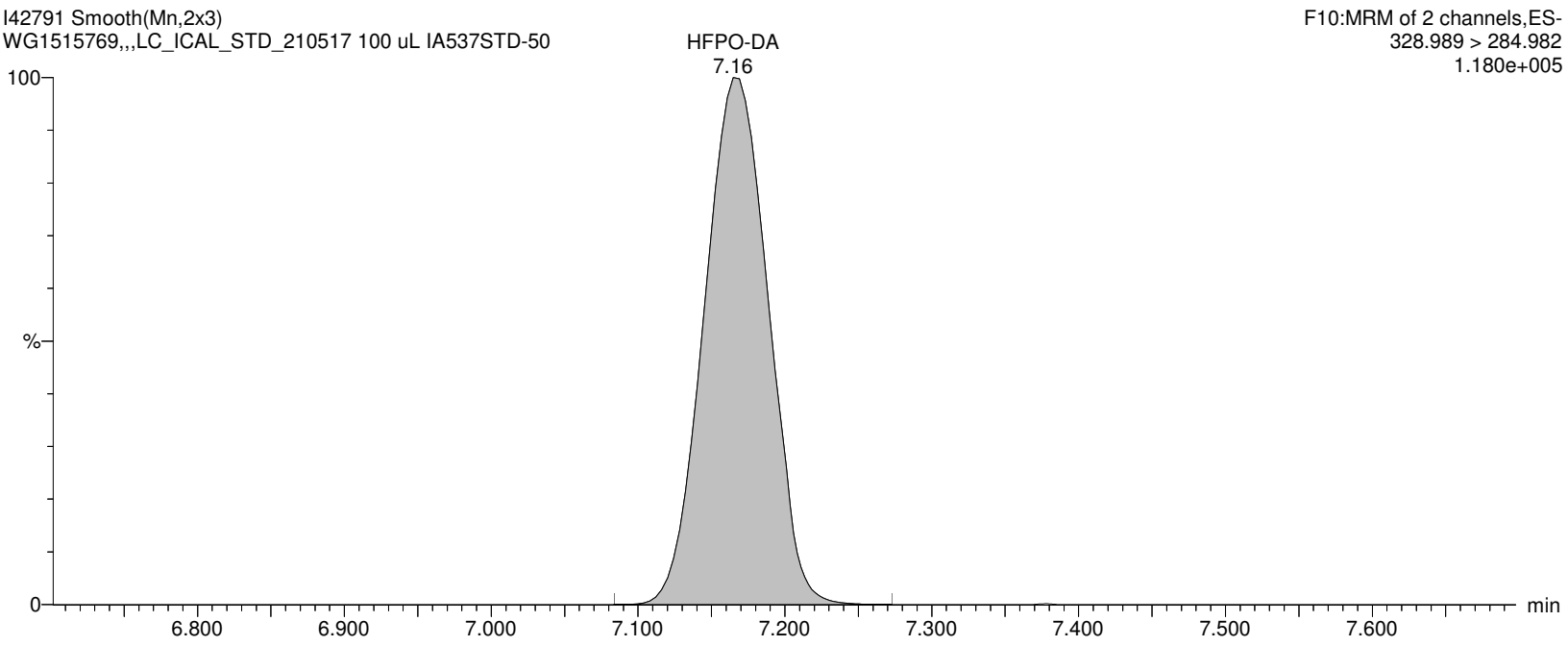
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

HFPO-DA



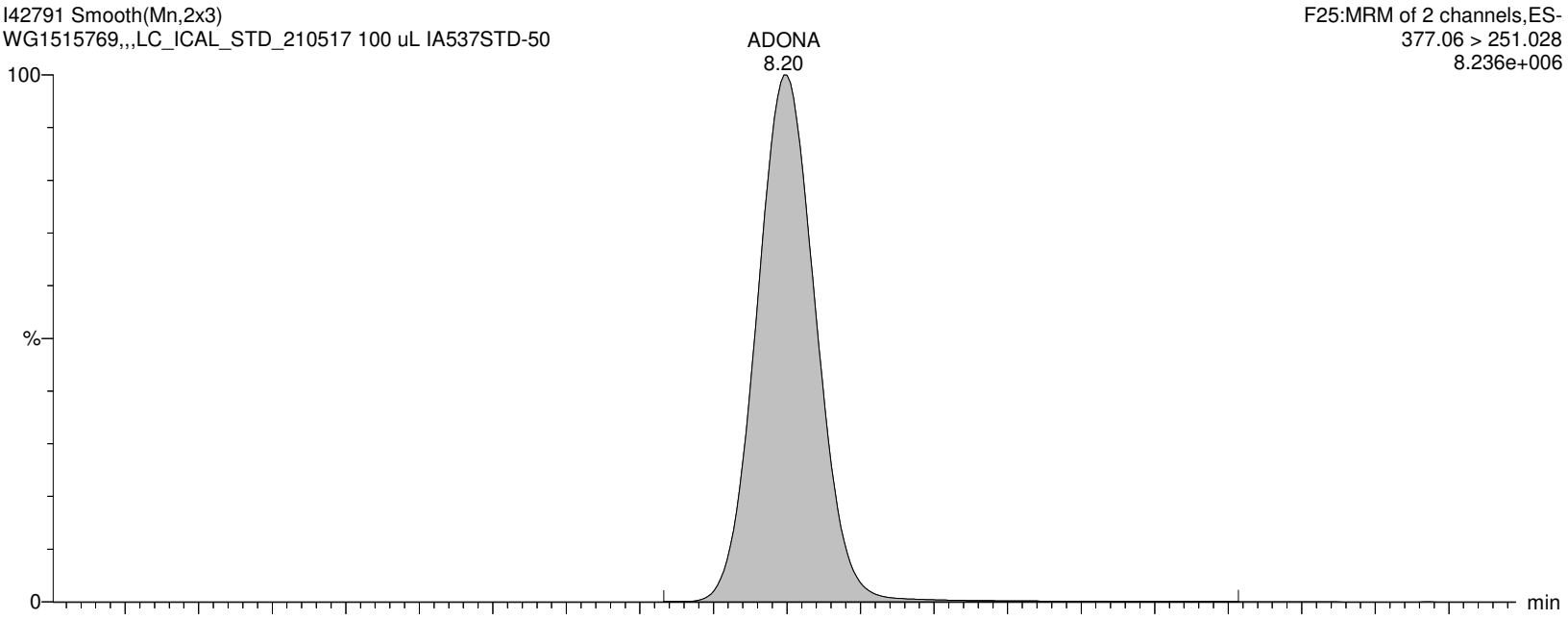


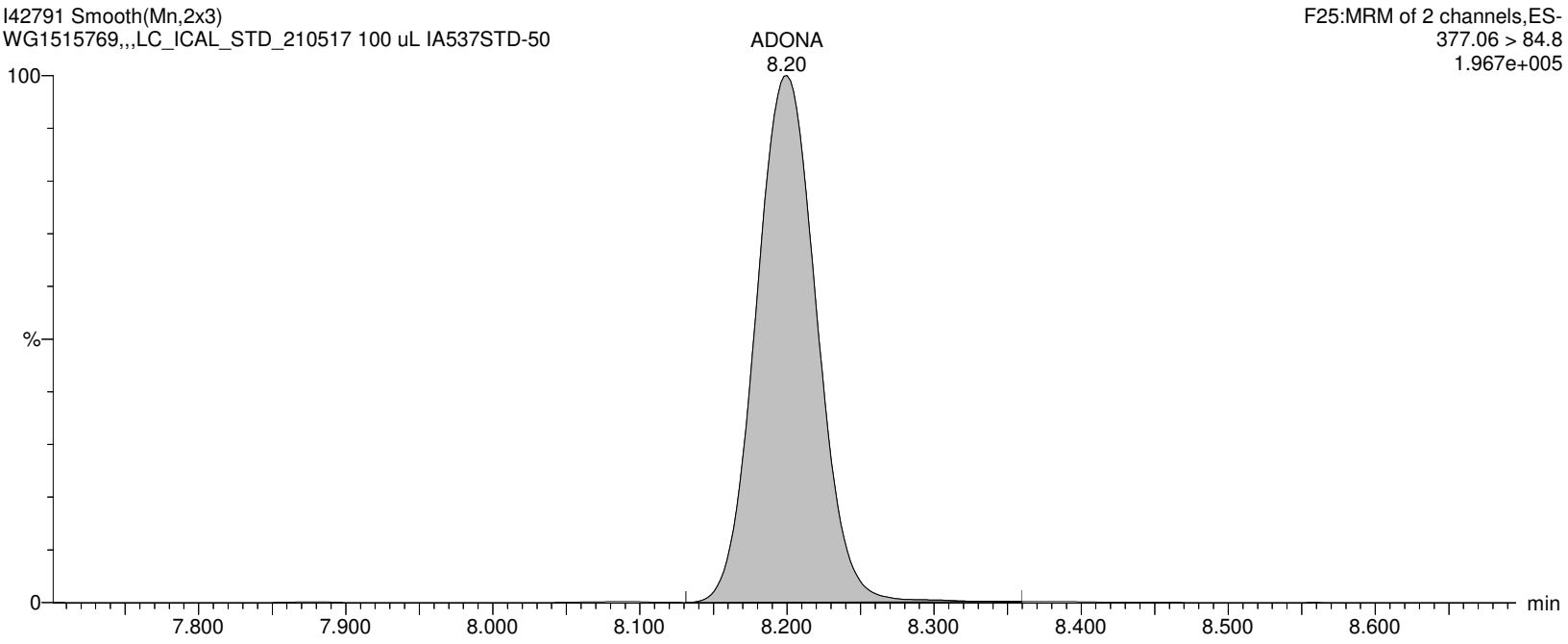
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

ADONA



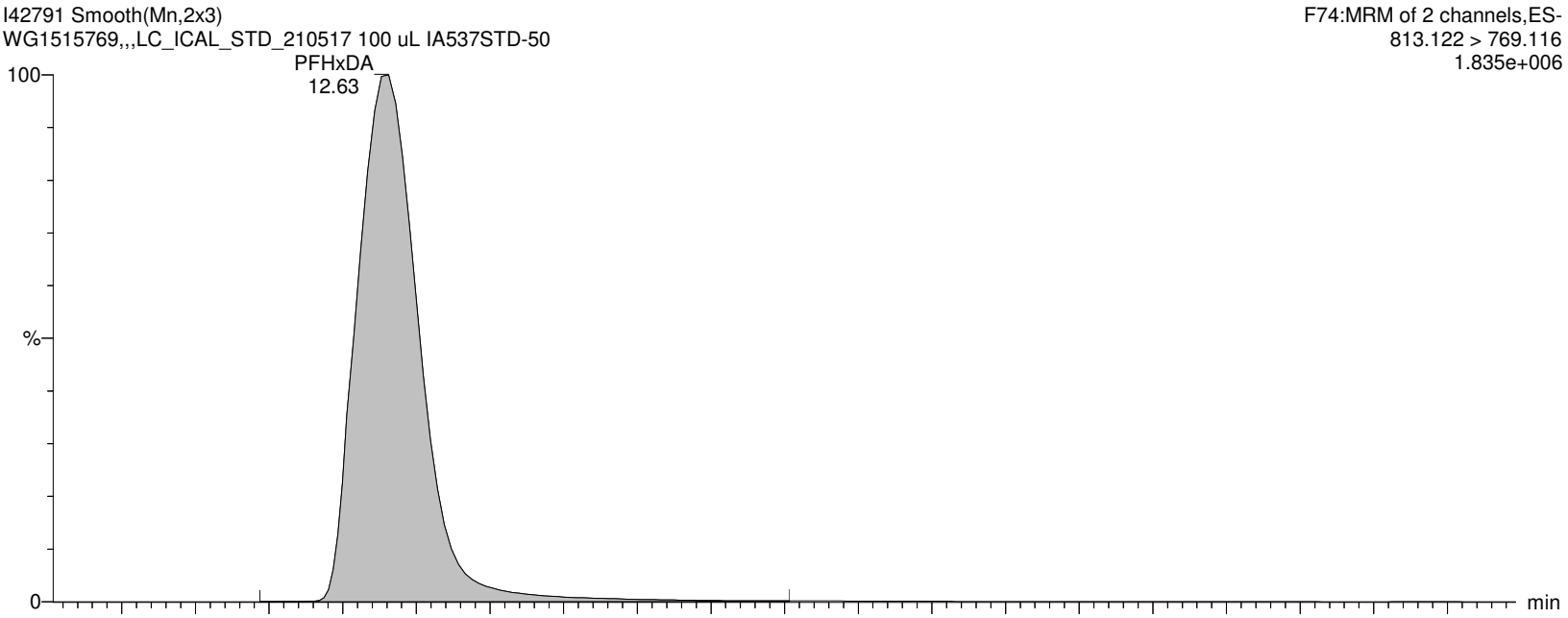


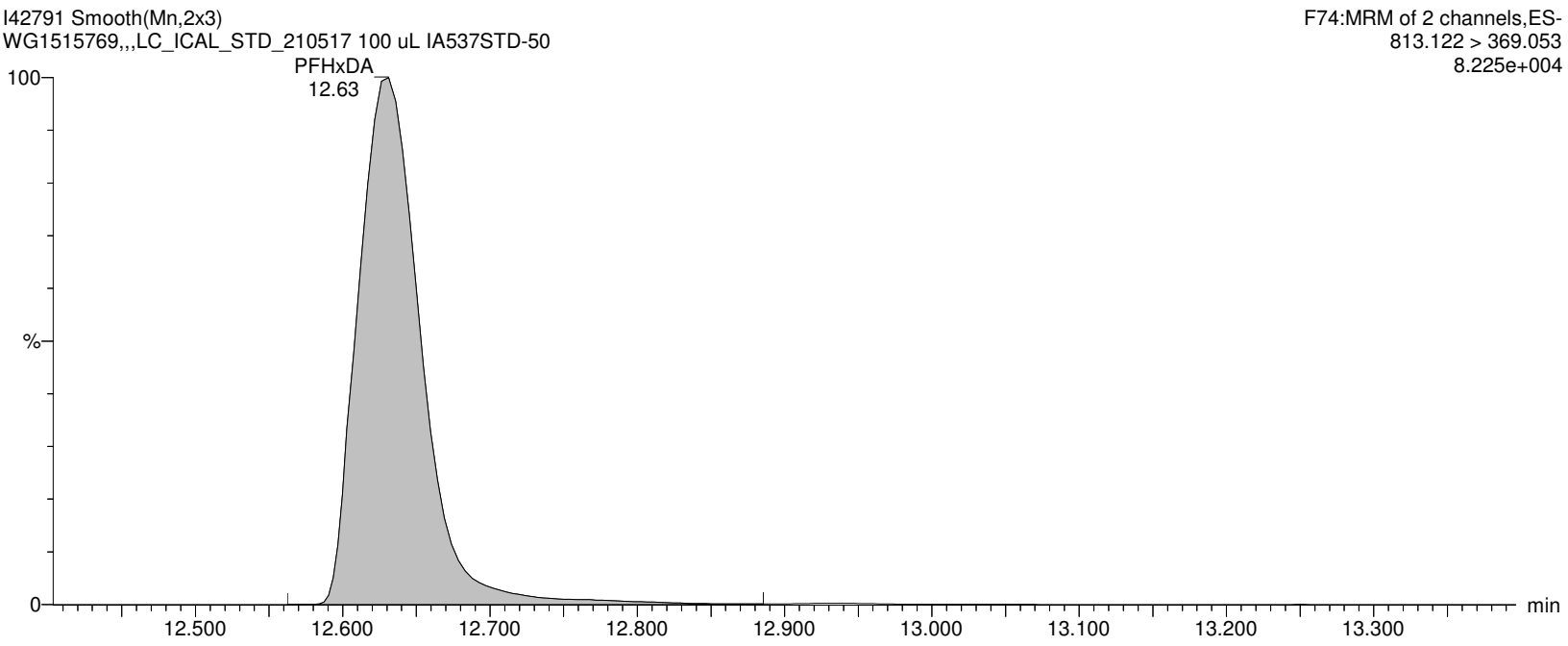
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxDA



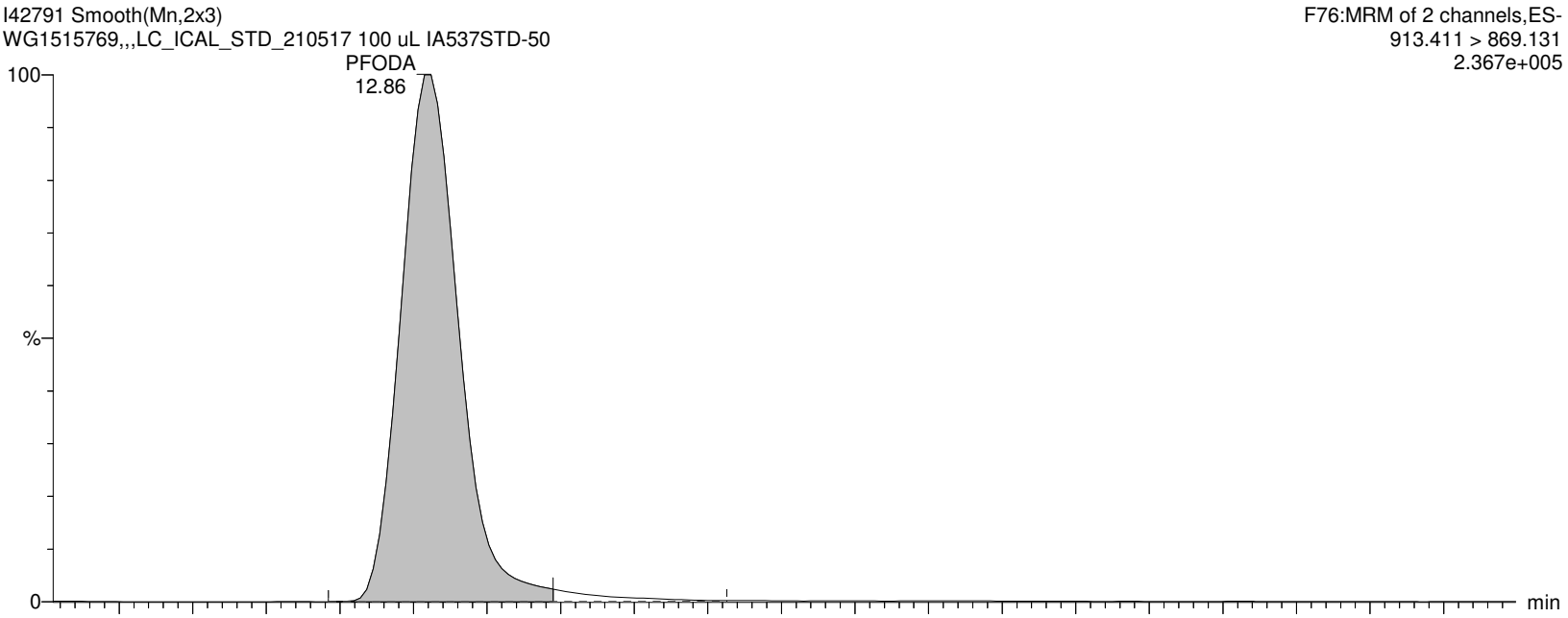


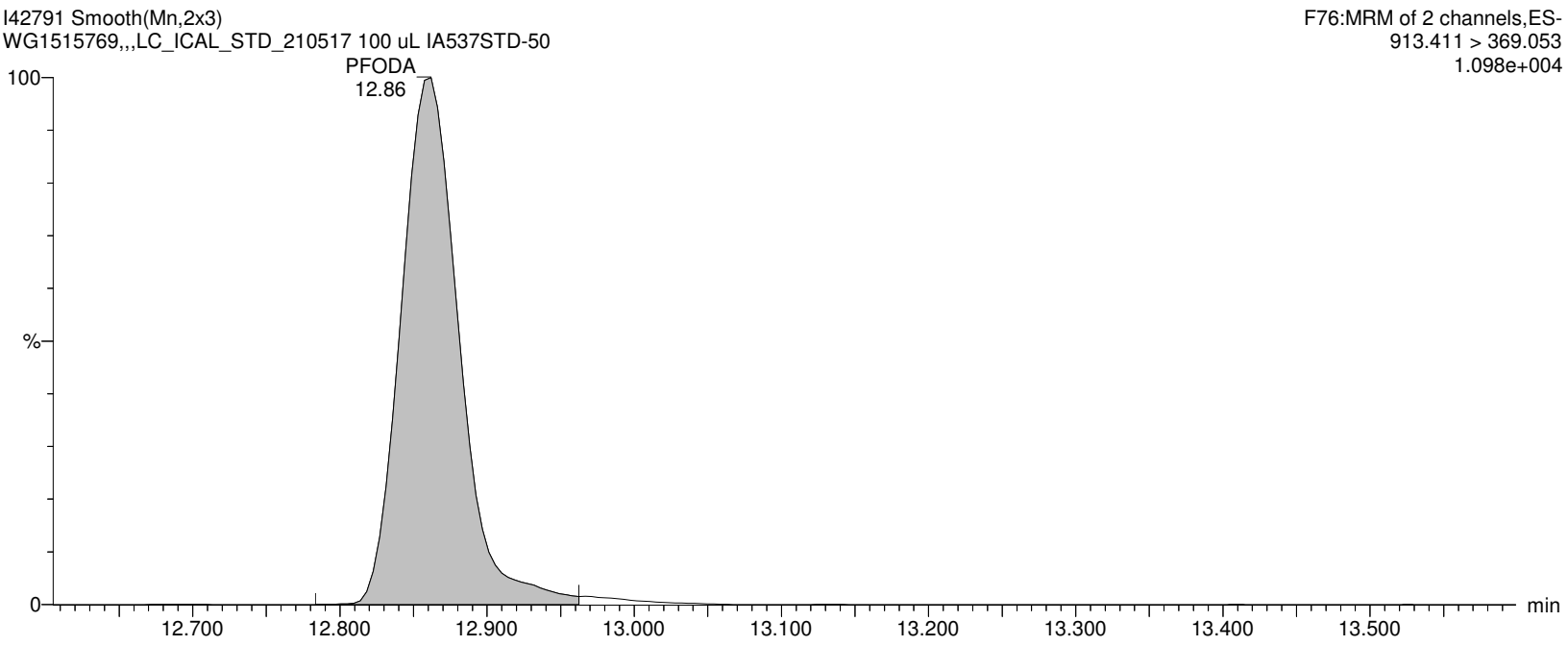
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFODA



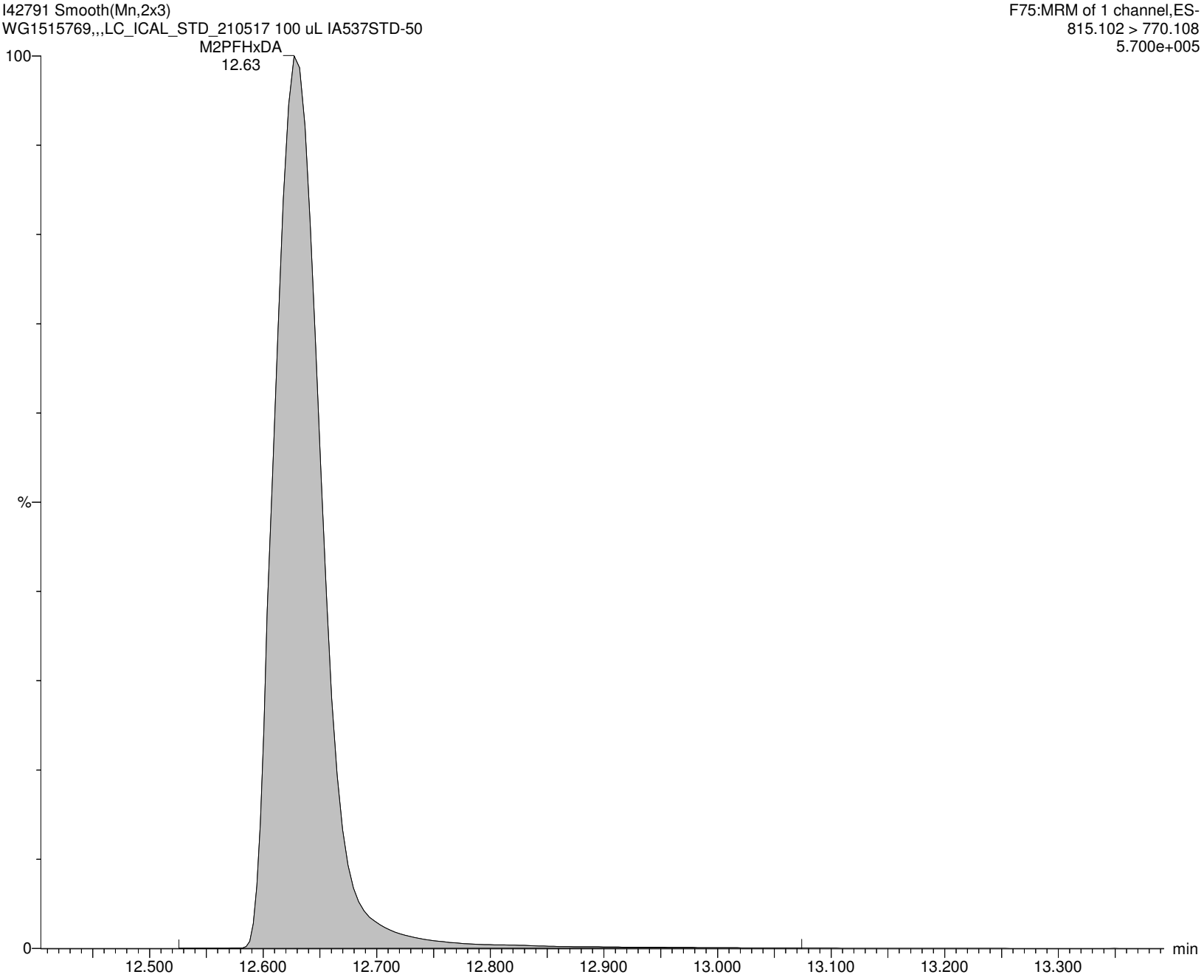


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFHxDA

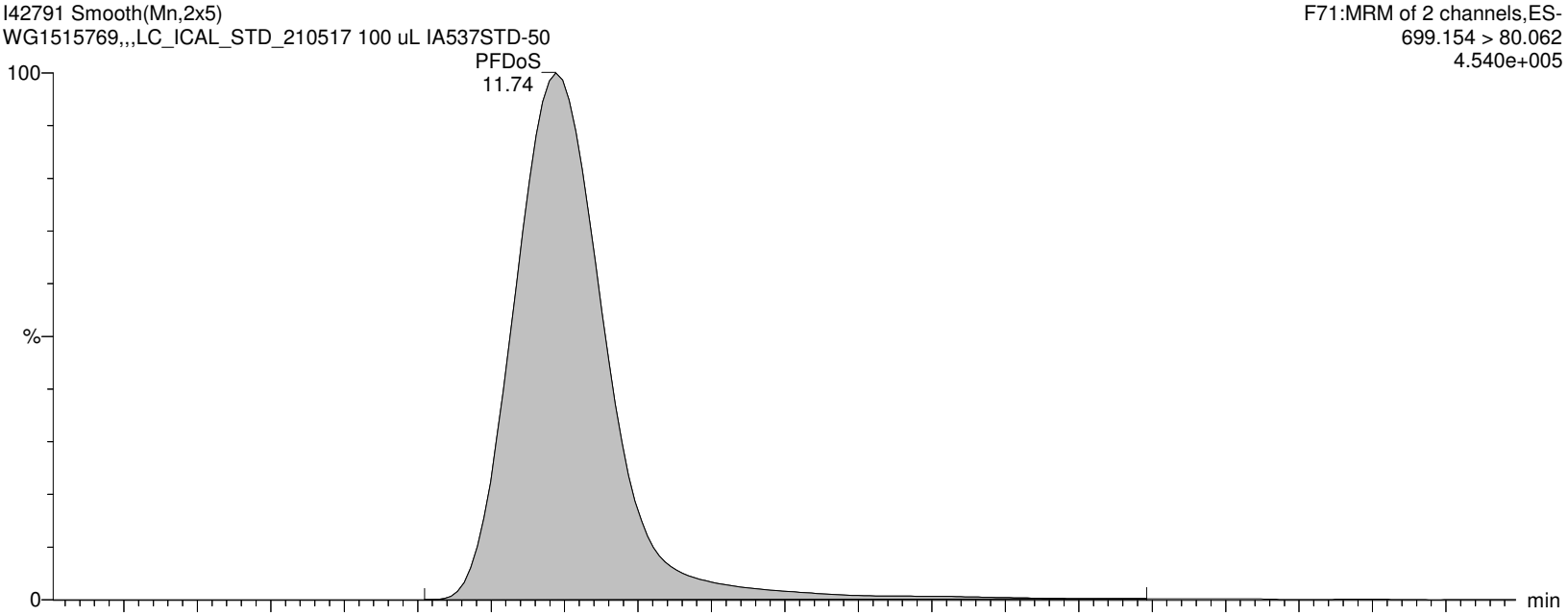


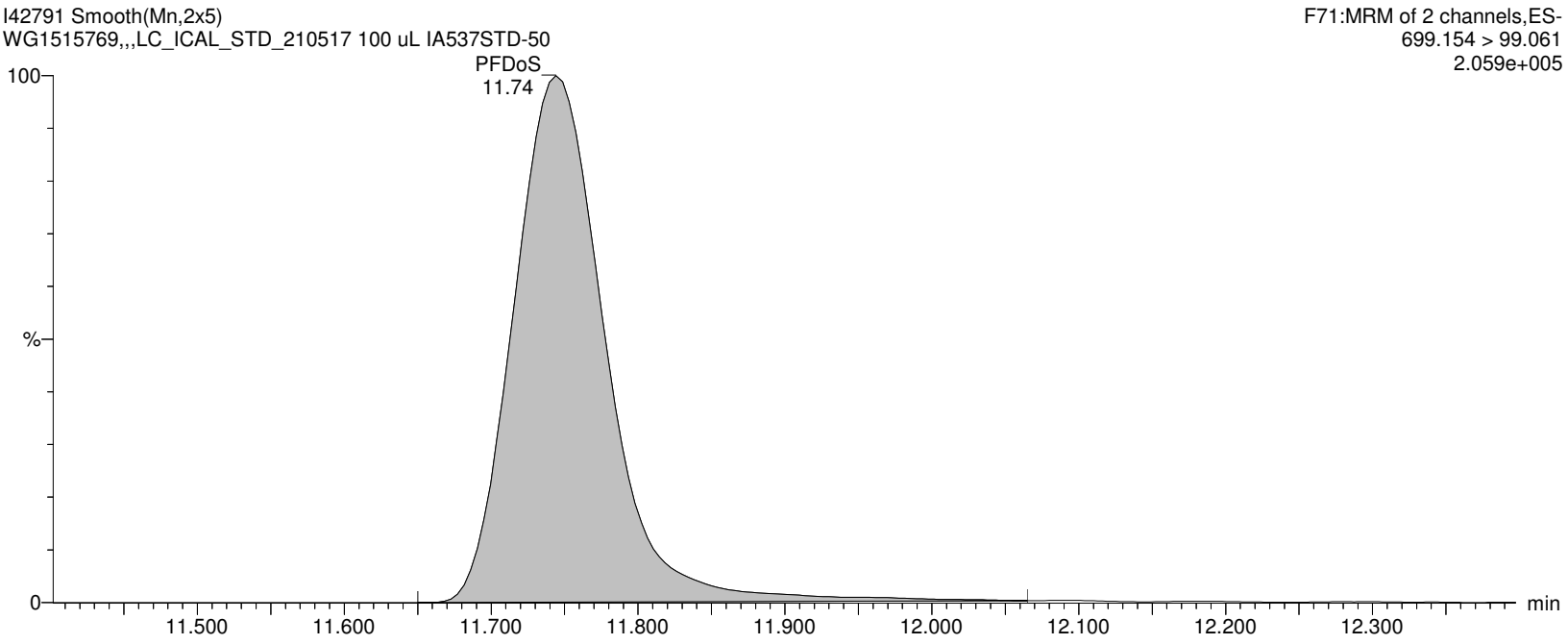
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoS



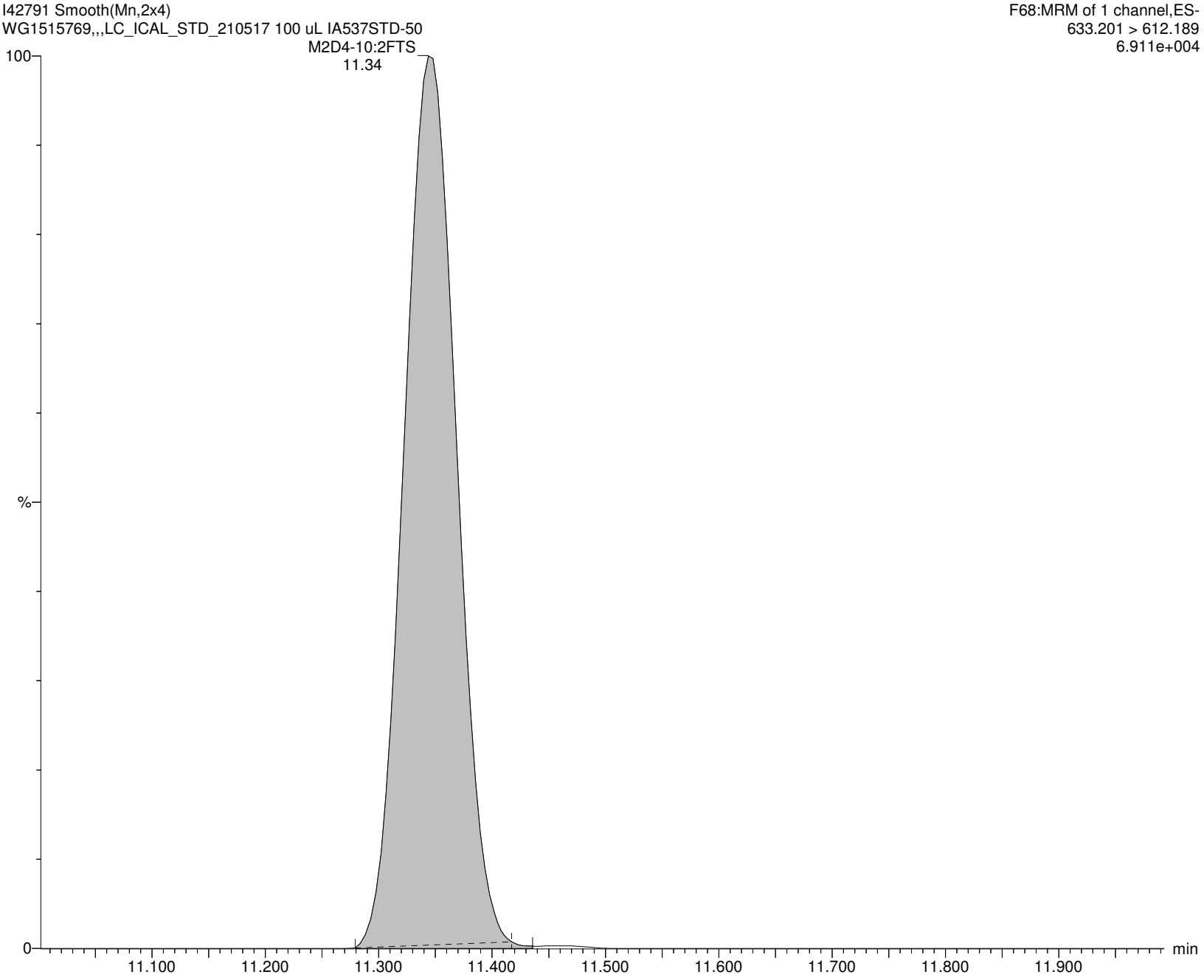


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2D4-10:2FTS

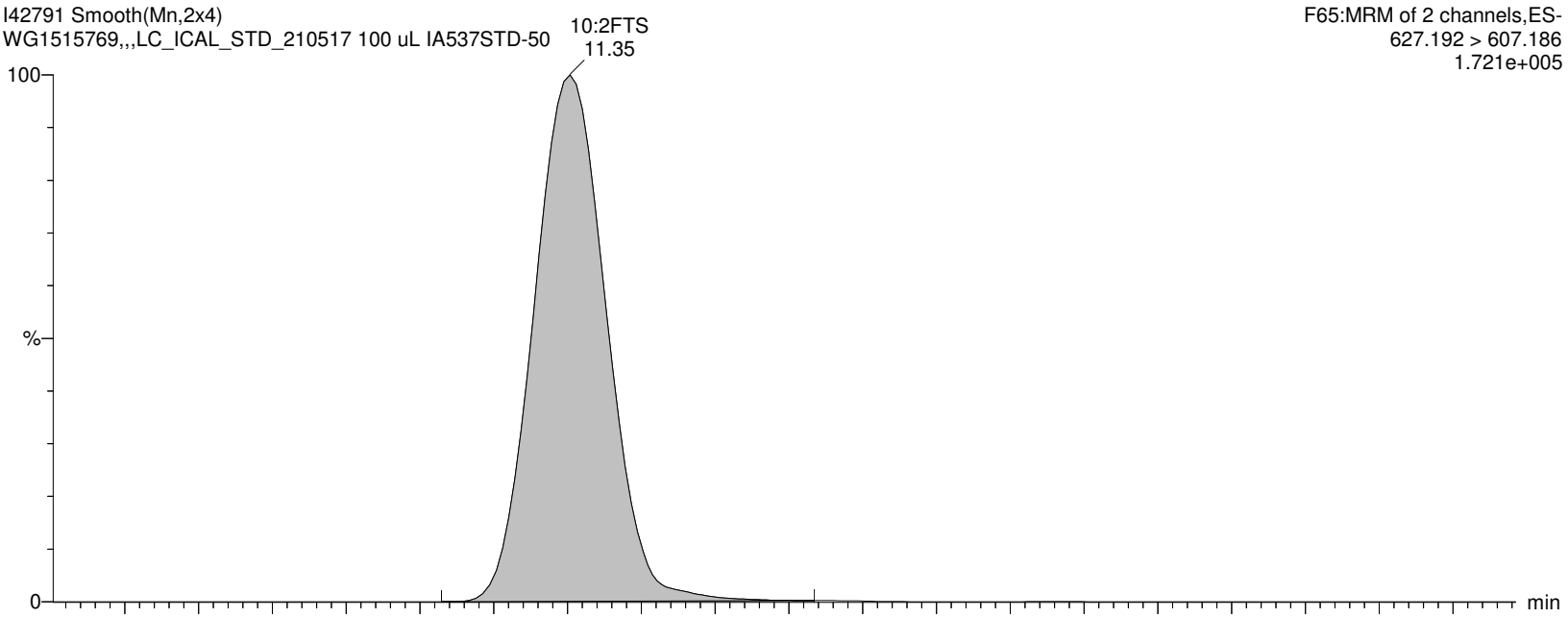


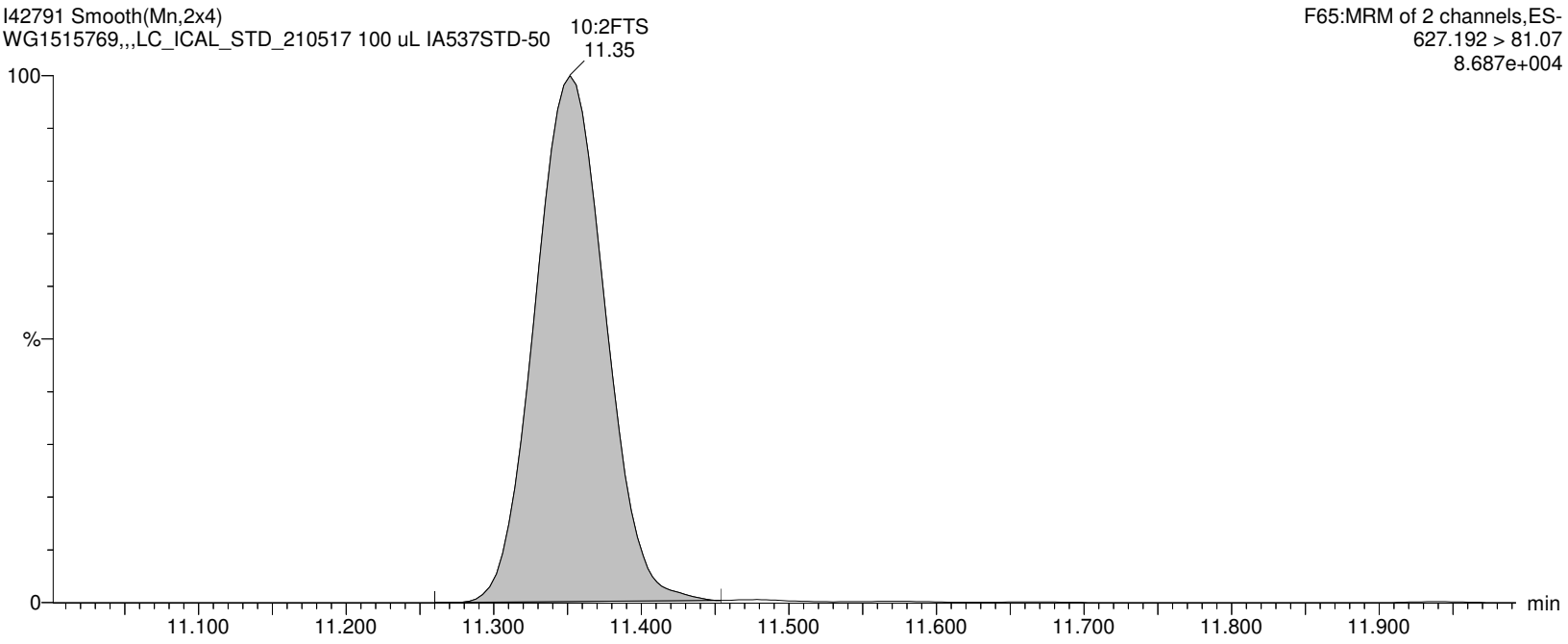
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

10:2FTS



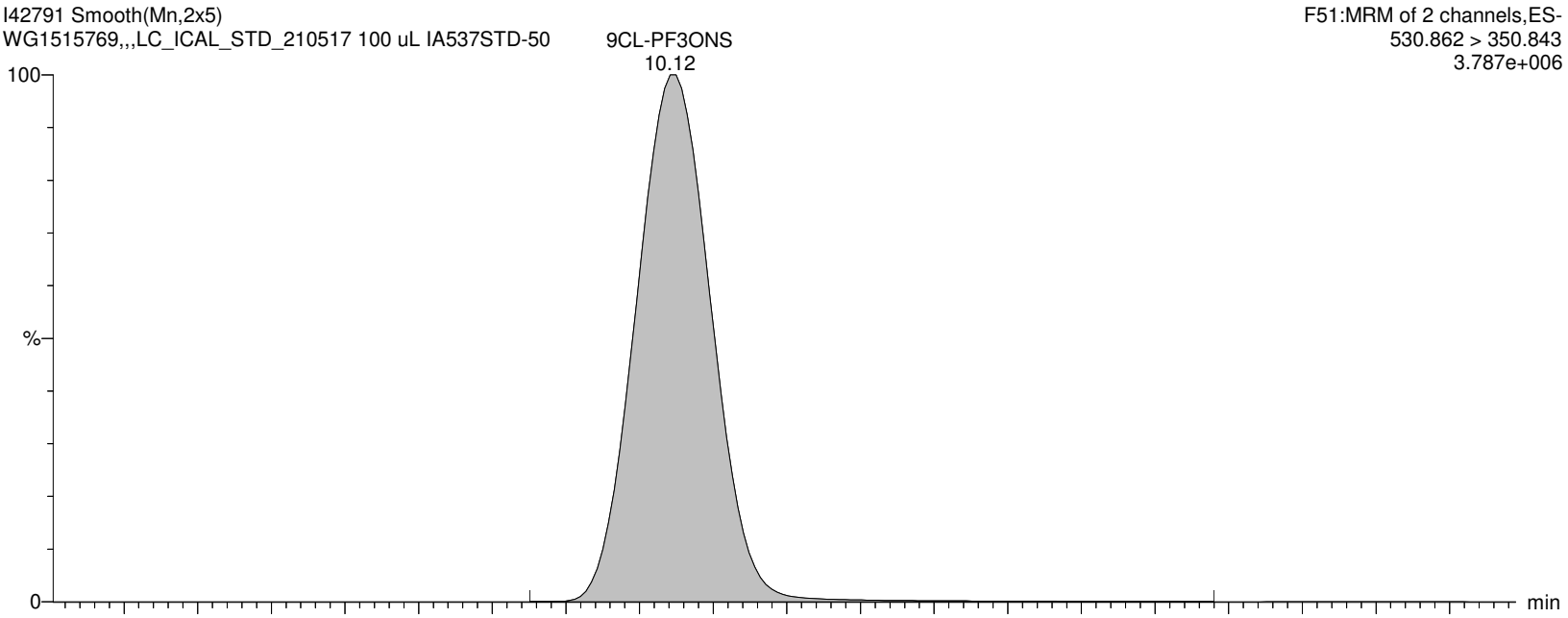


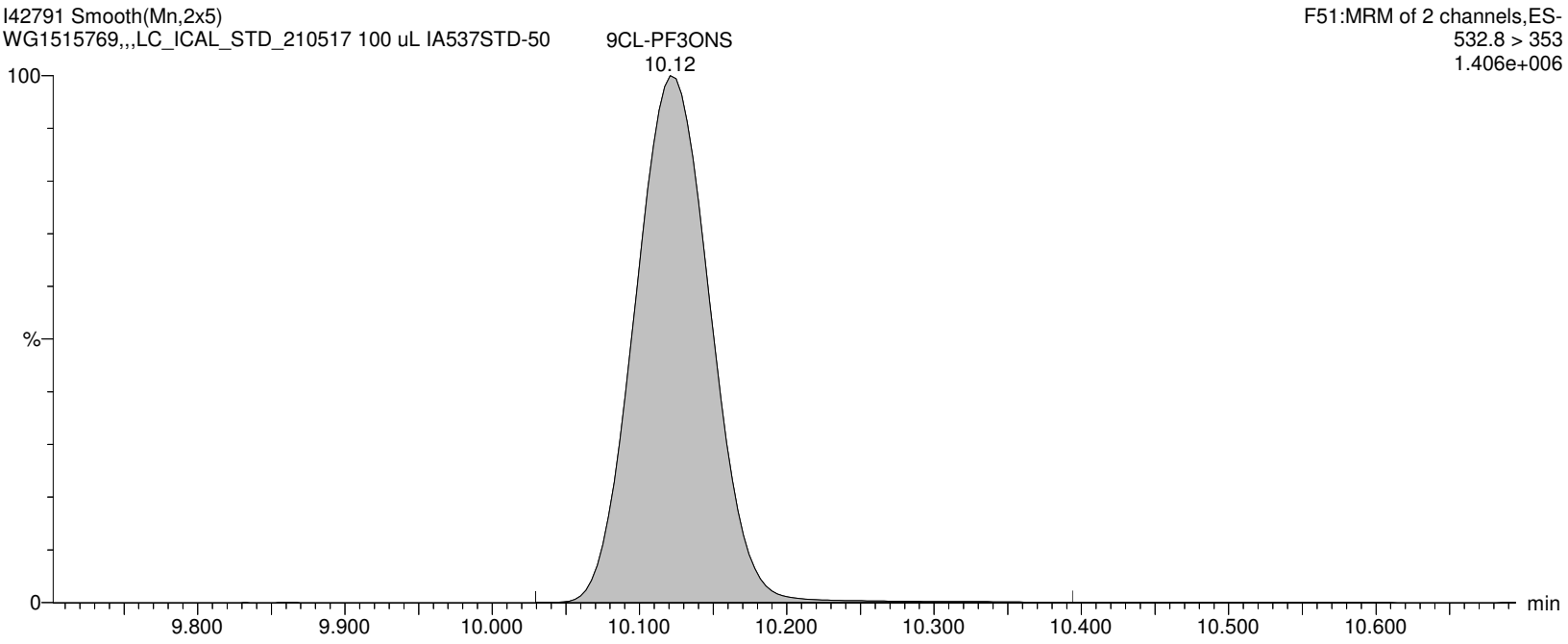
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

9CL-PF3ONS



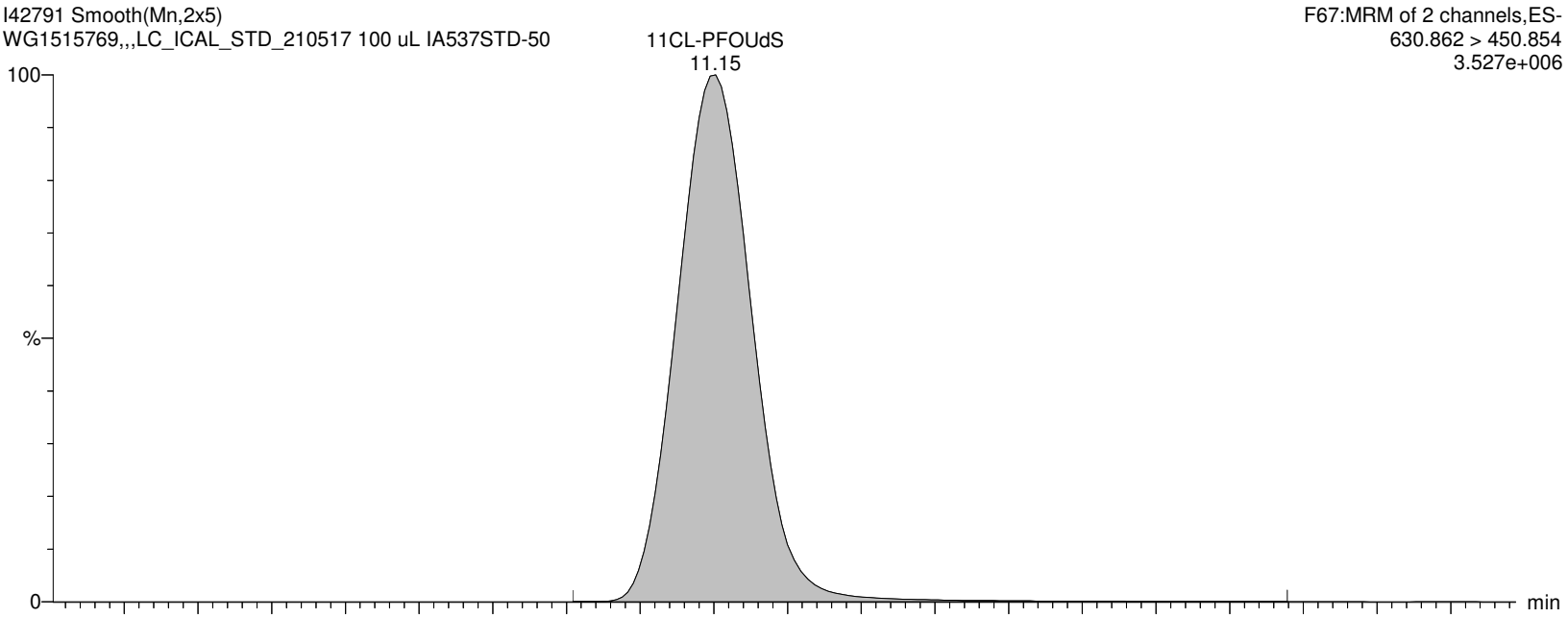


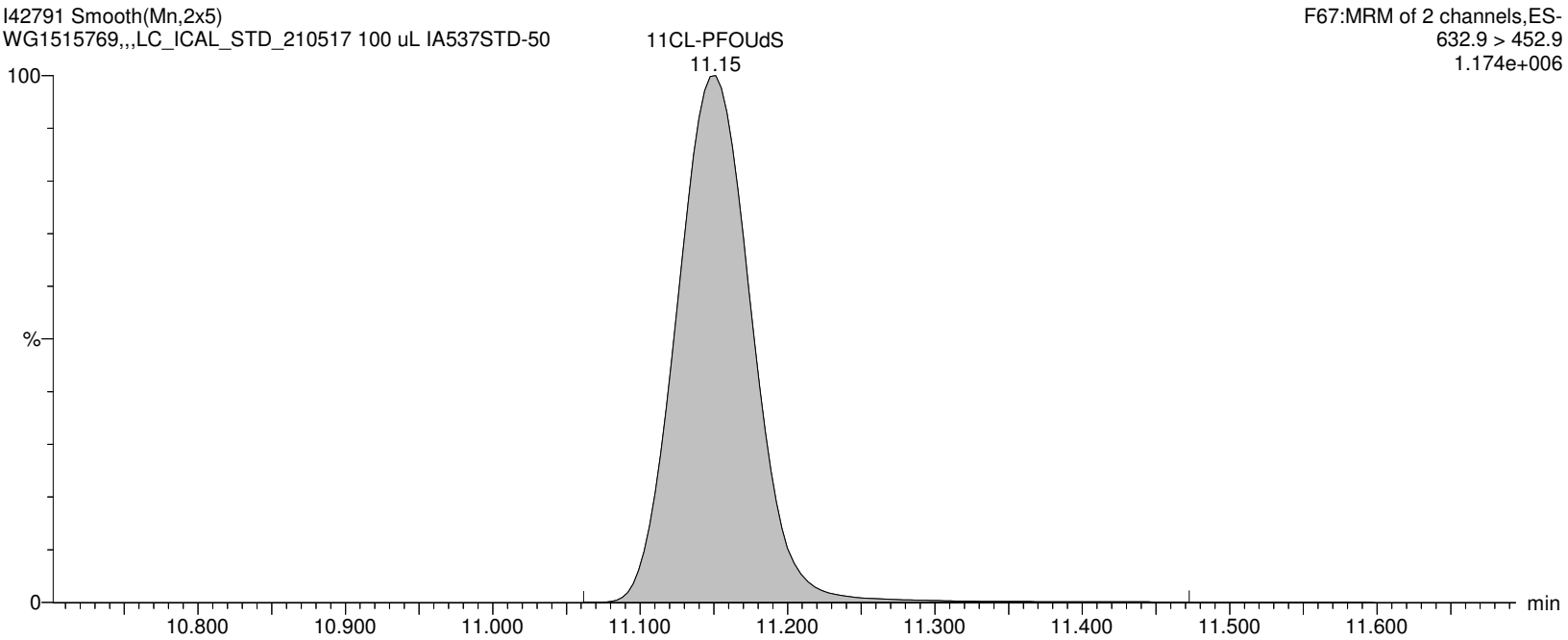
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

11CL-PFOUdS



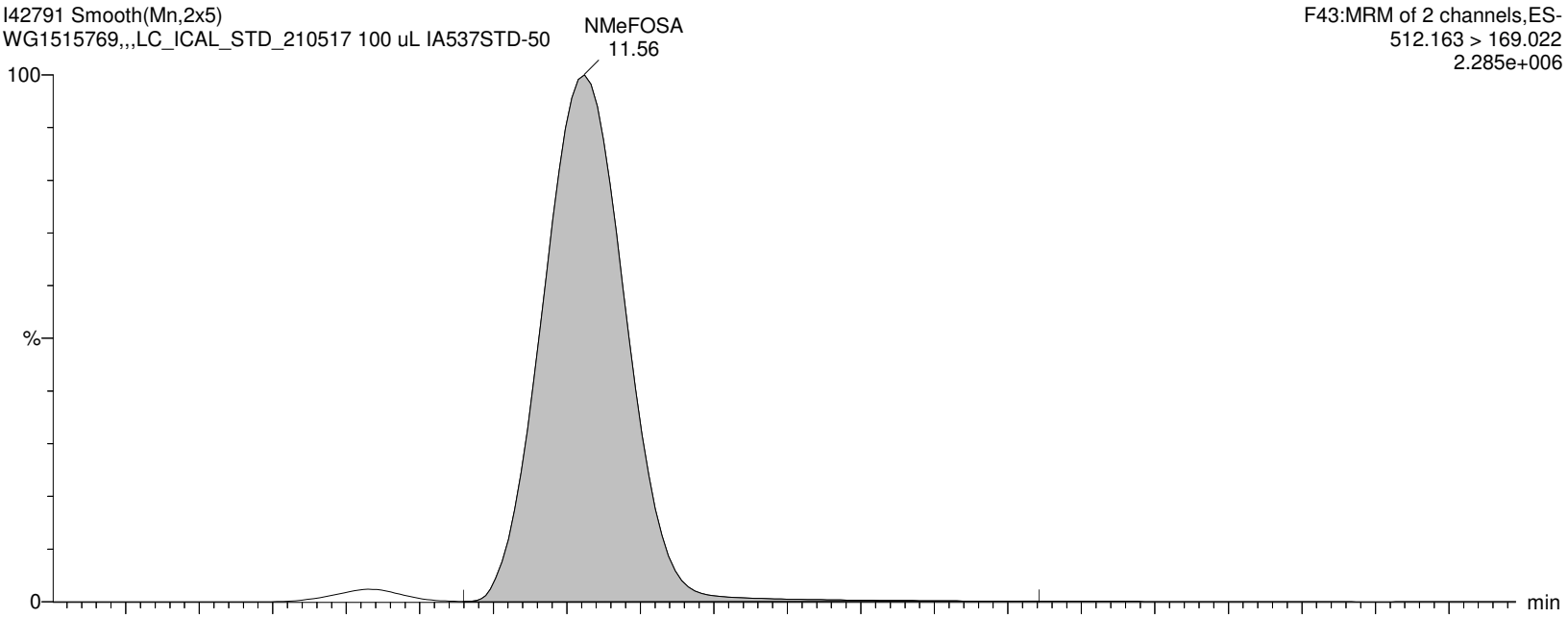


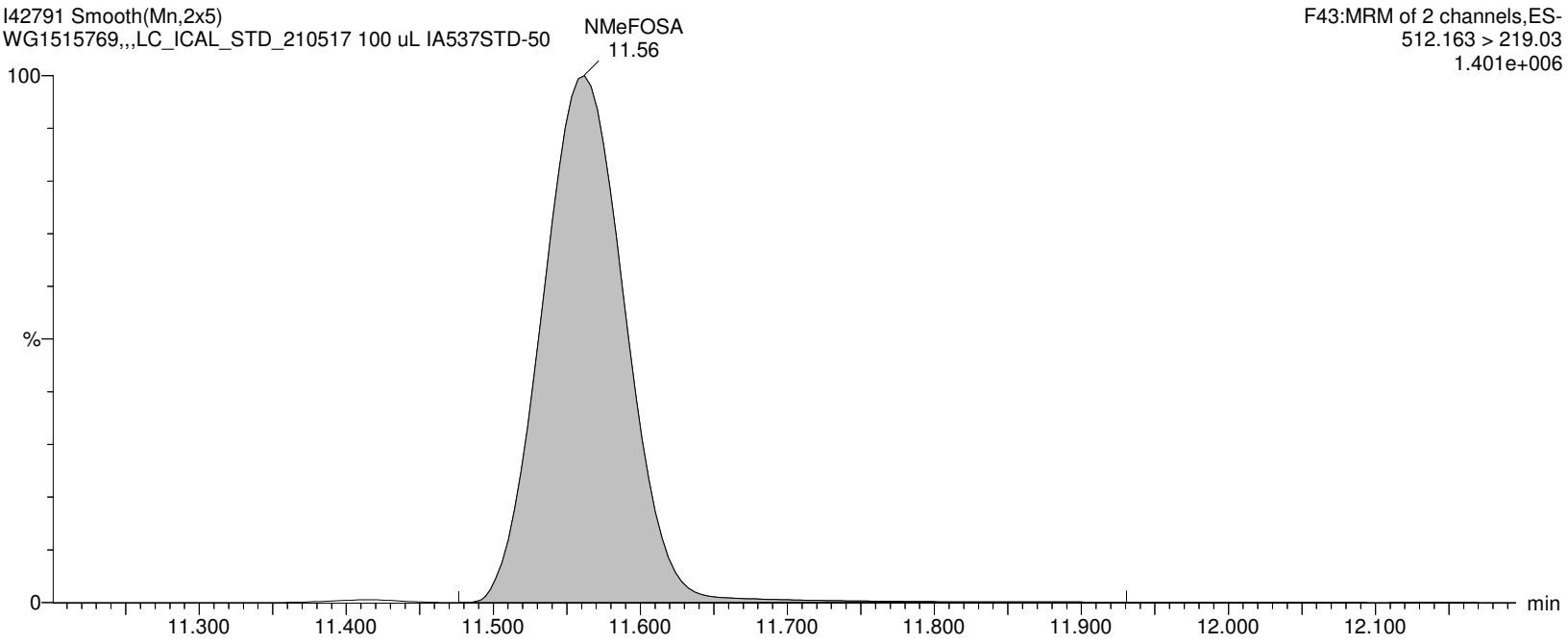
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSA



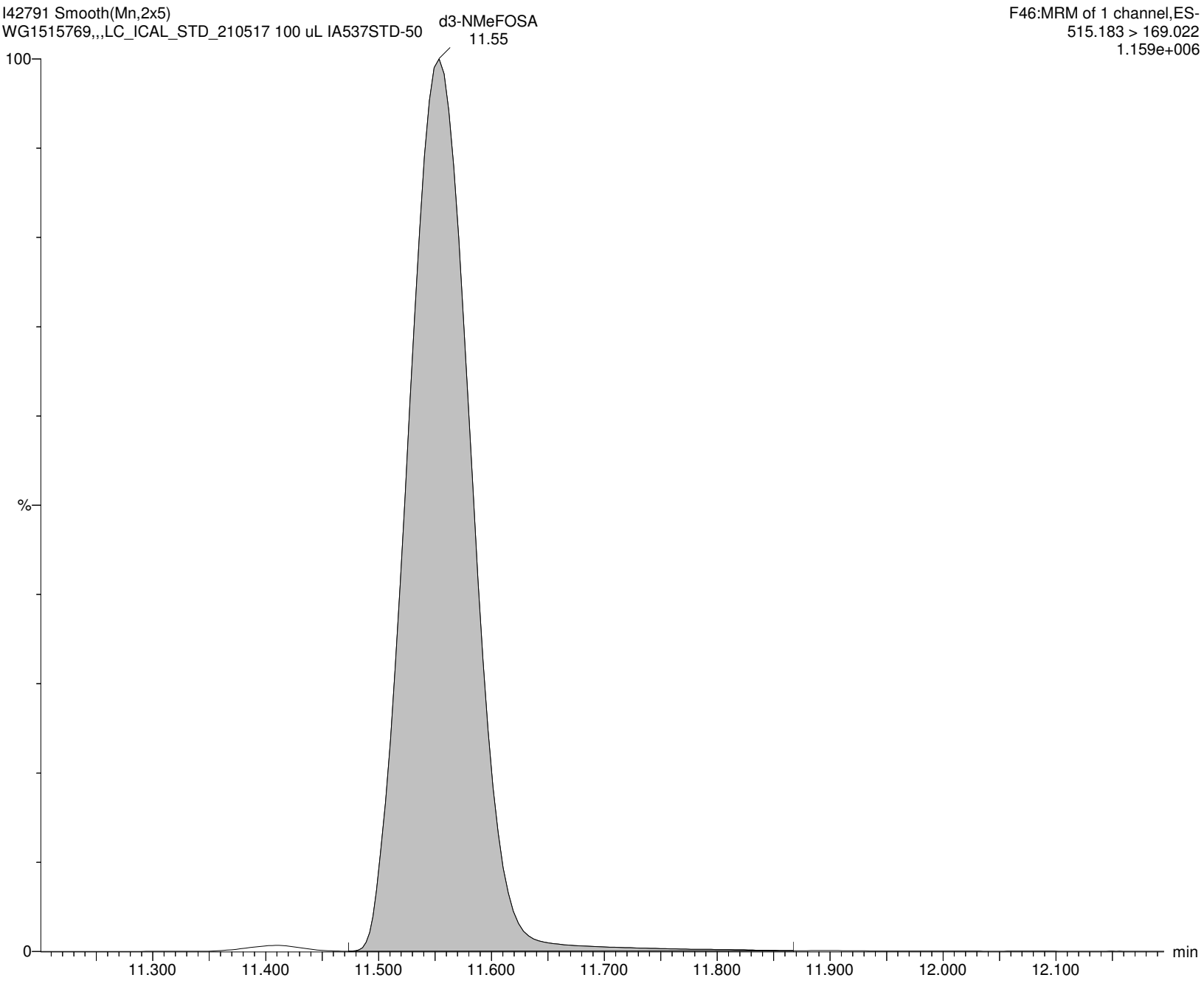


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSA

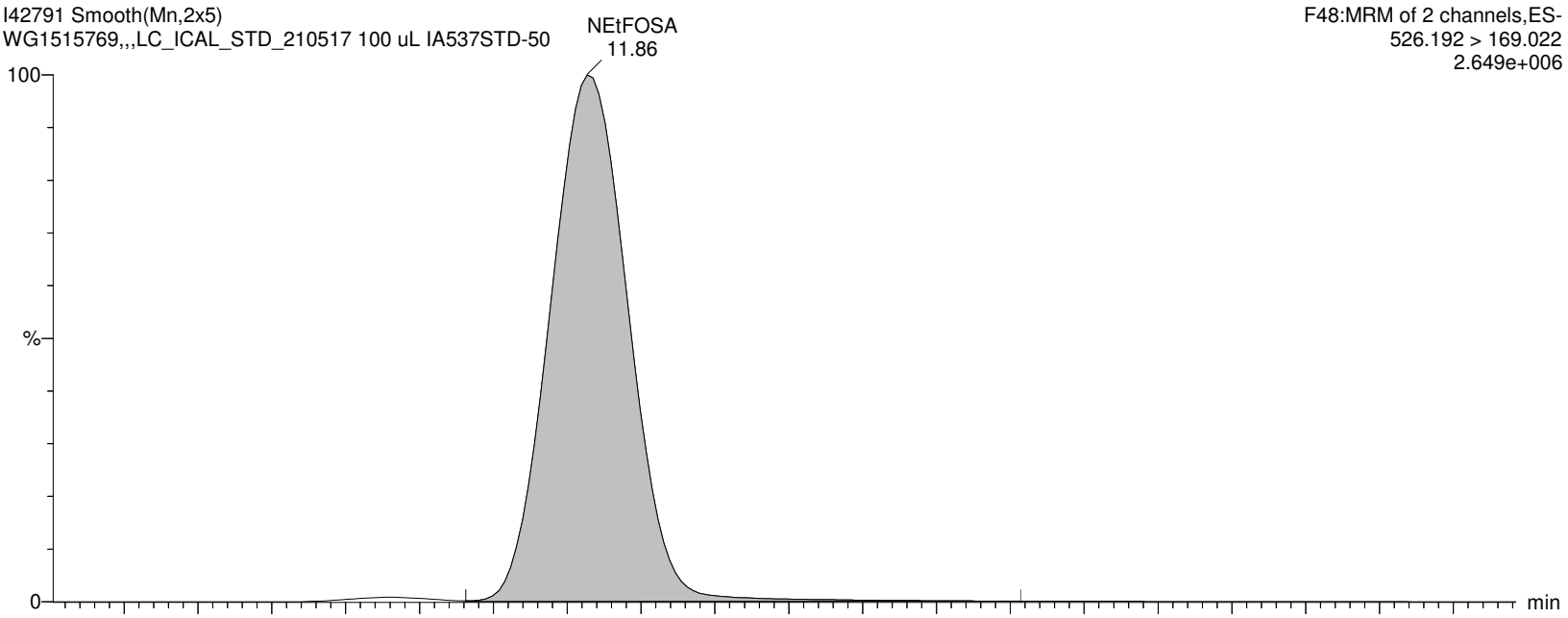


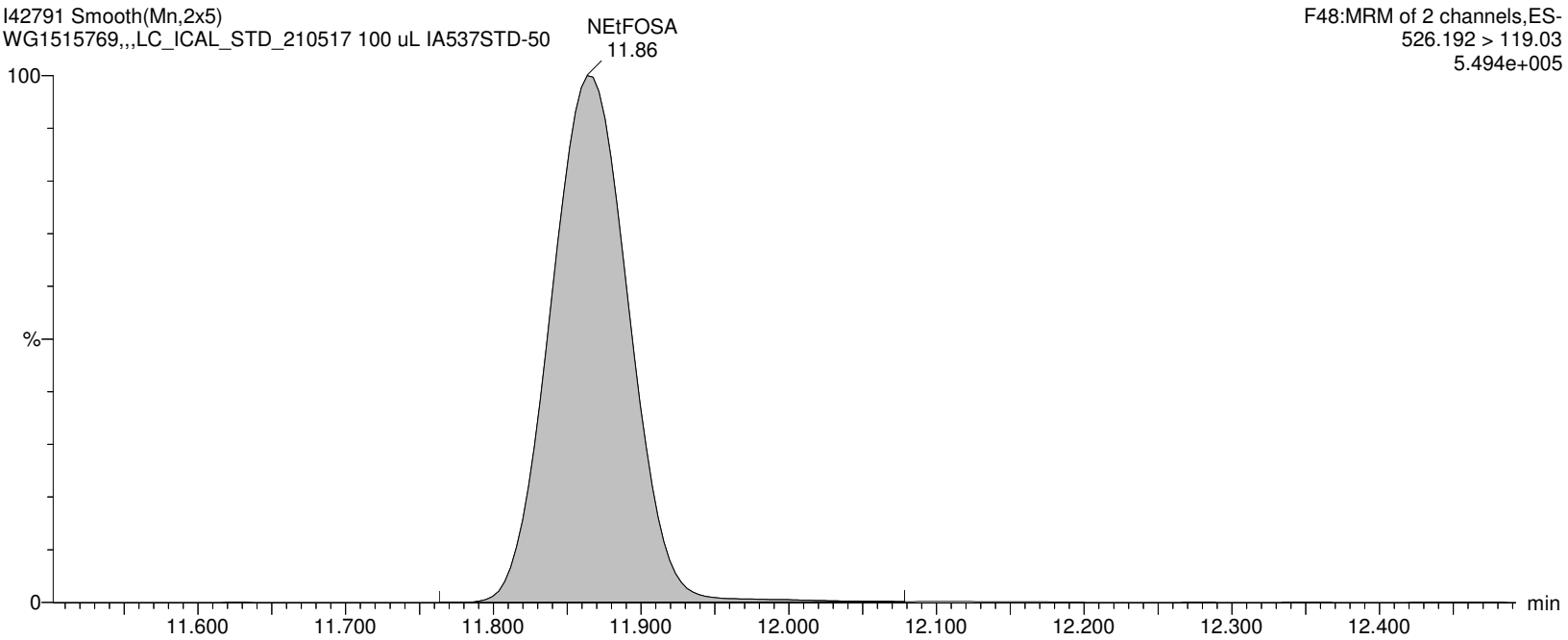
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSA



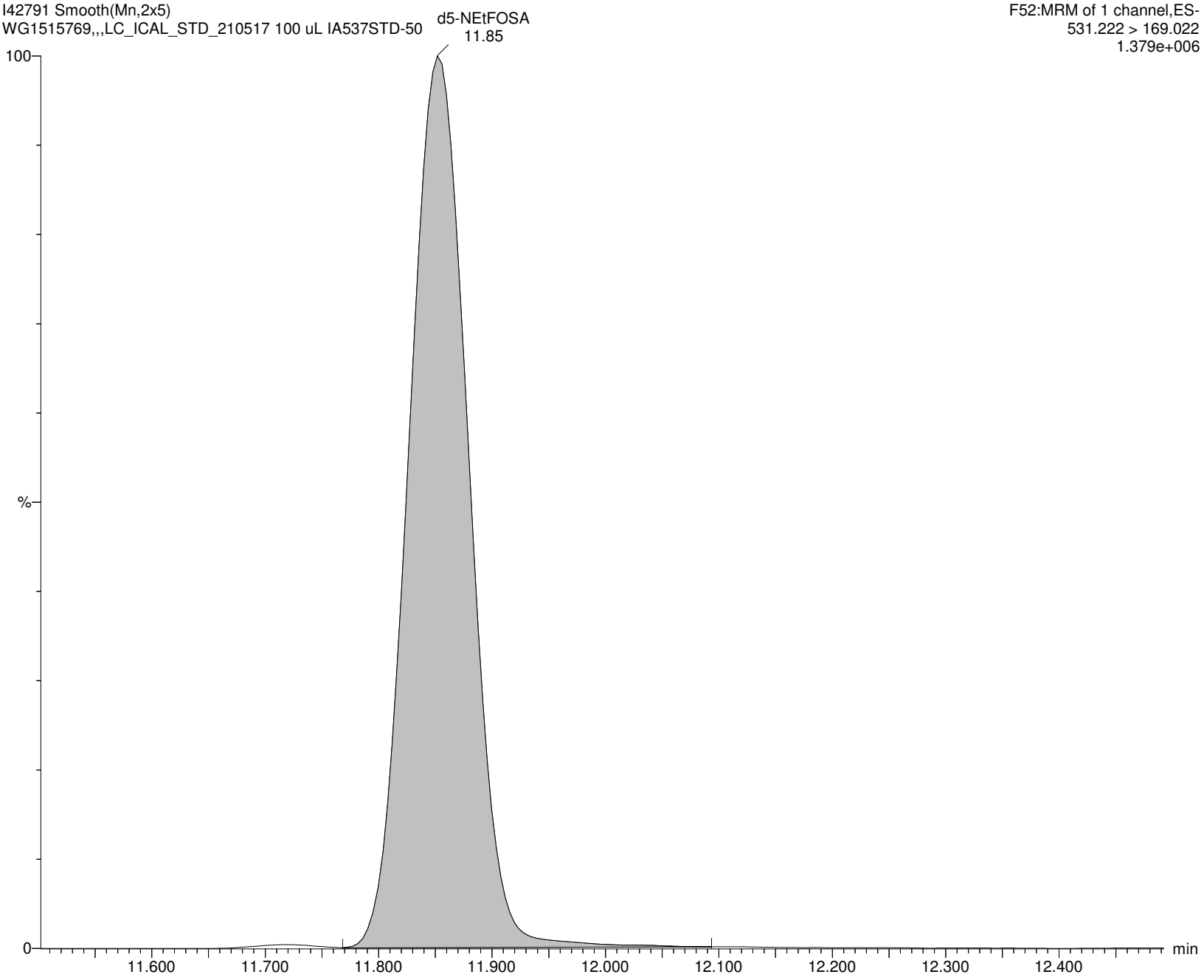


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSA

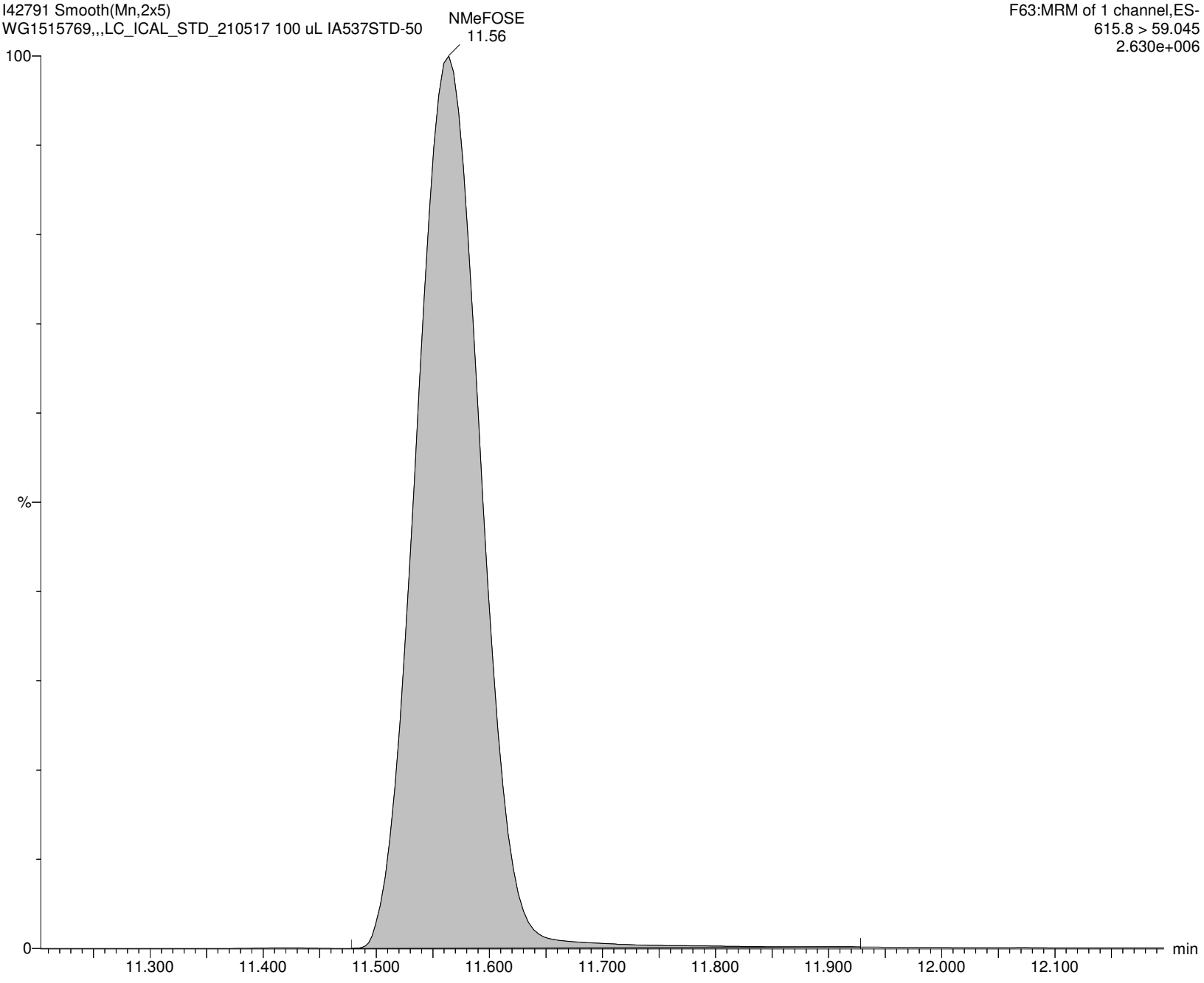


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSE

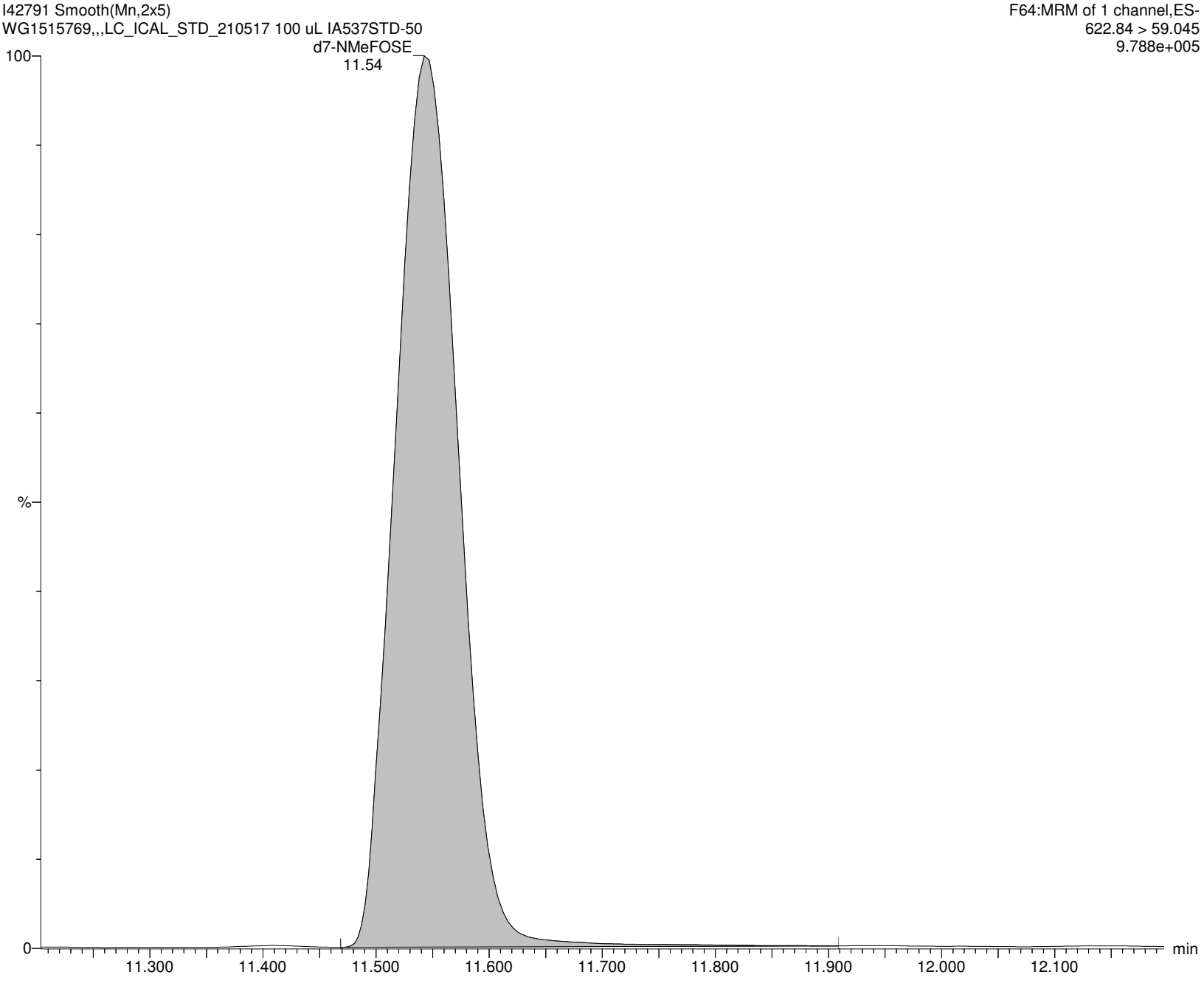


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d7-NMeFOSE

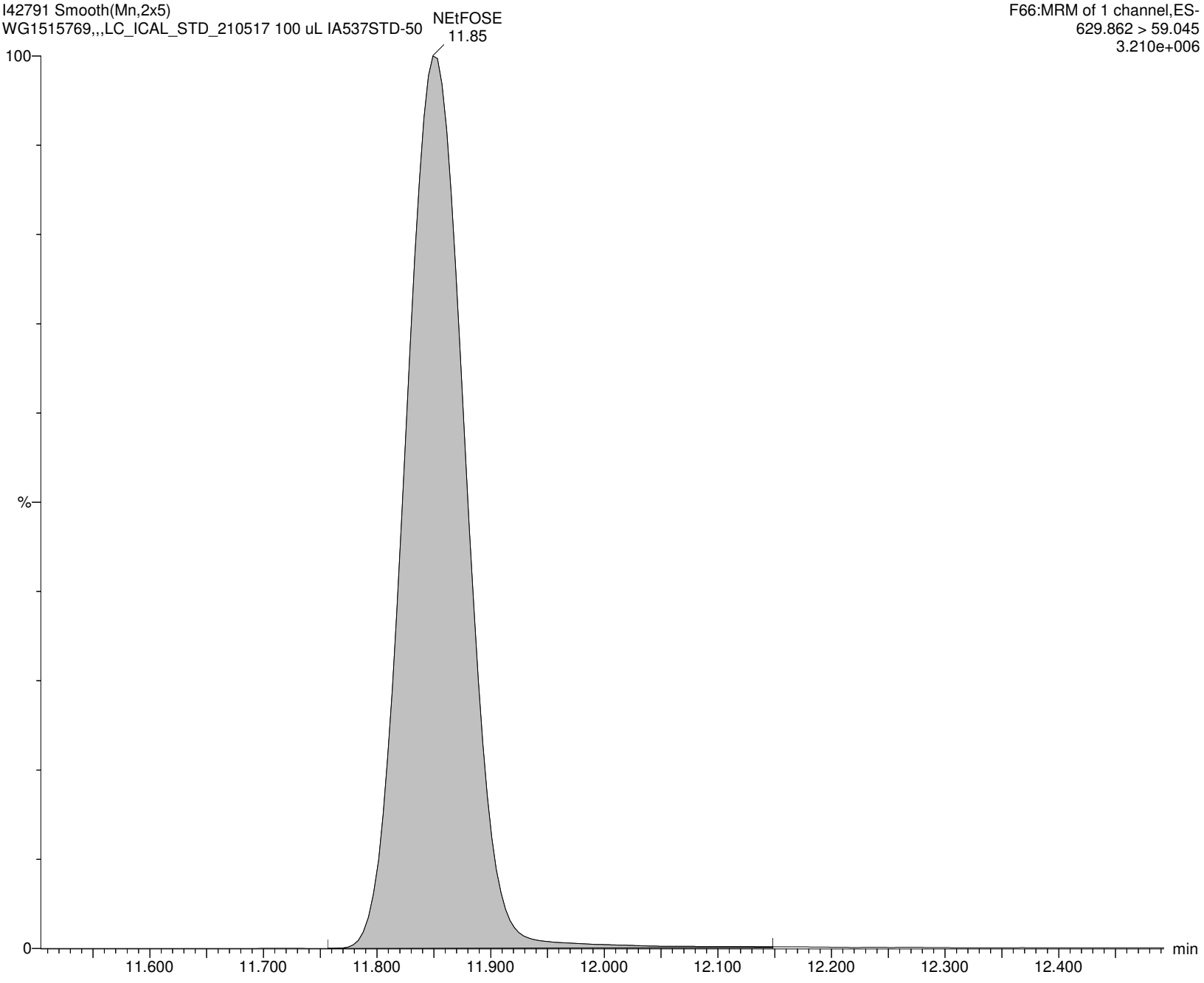


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSE

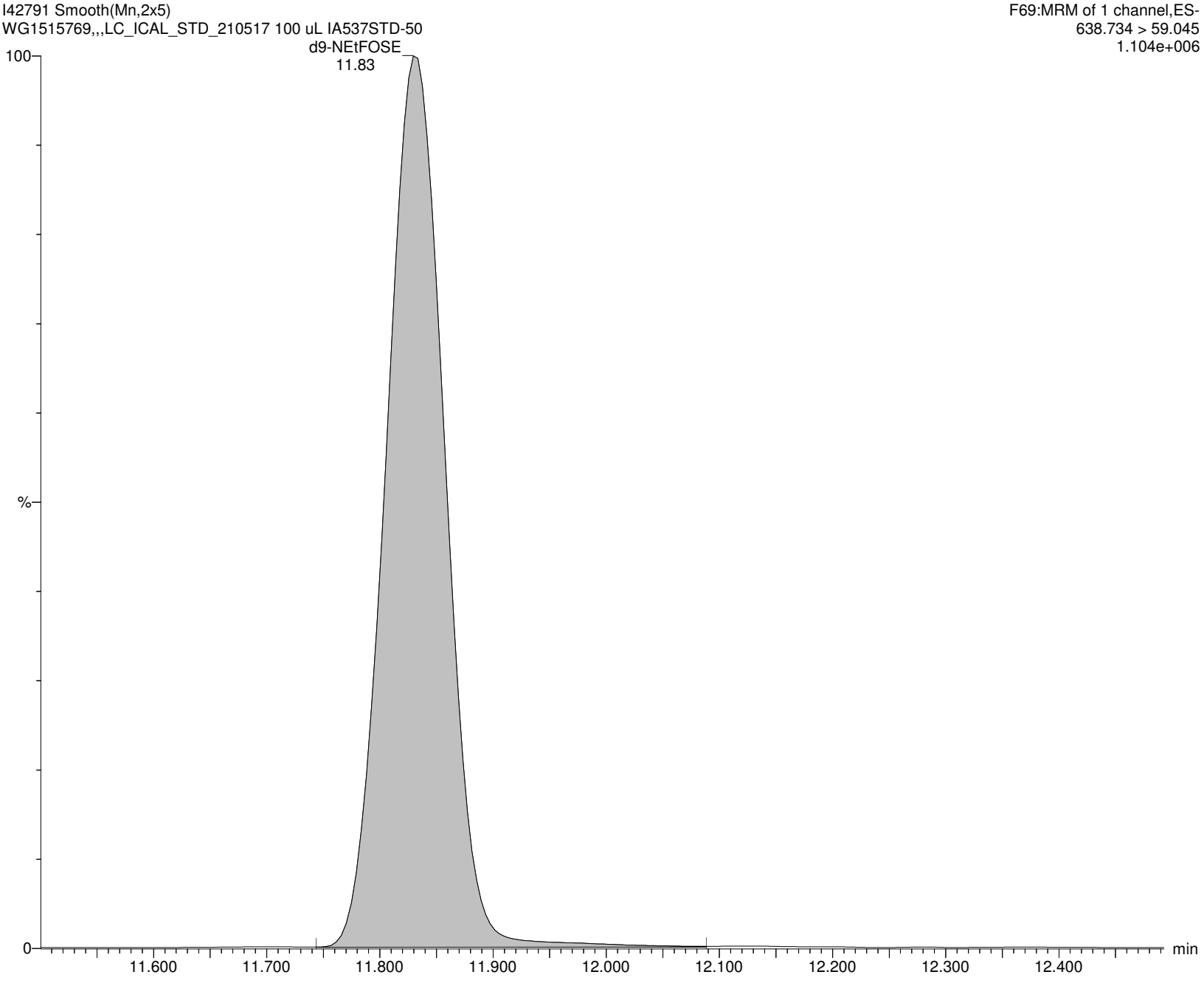


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d9-NEtFOSE

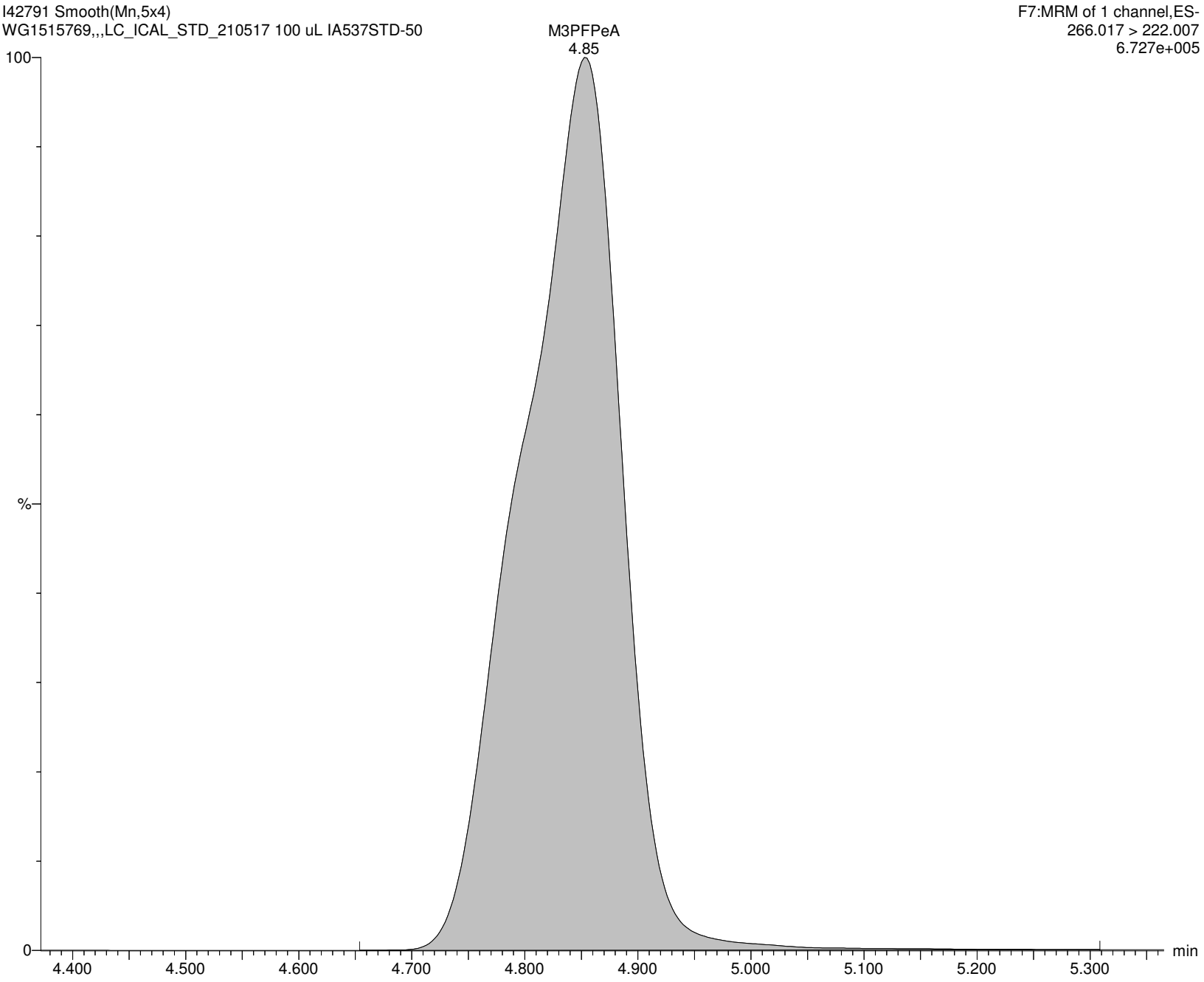


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFPeA

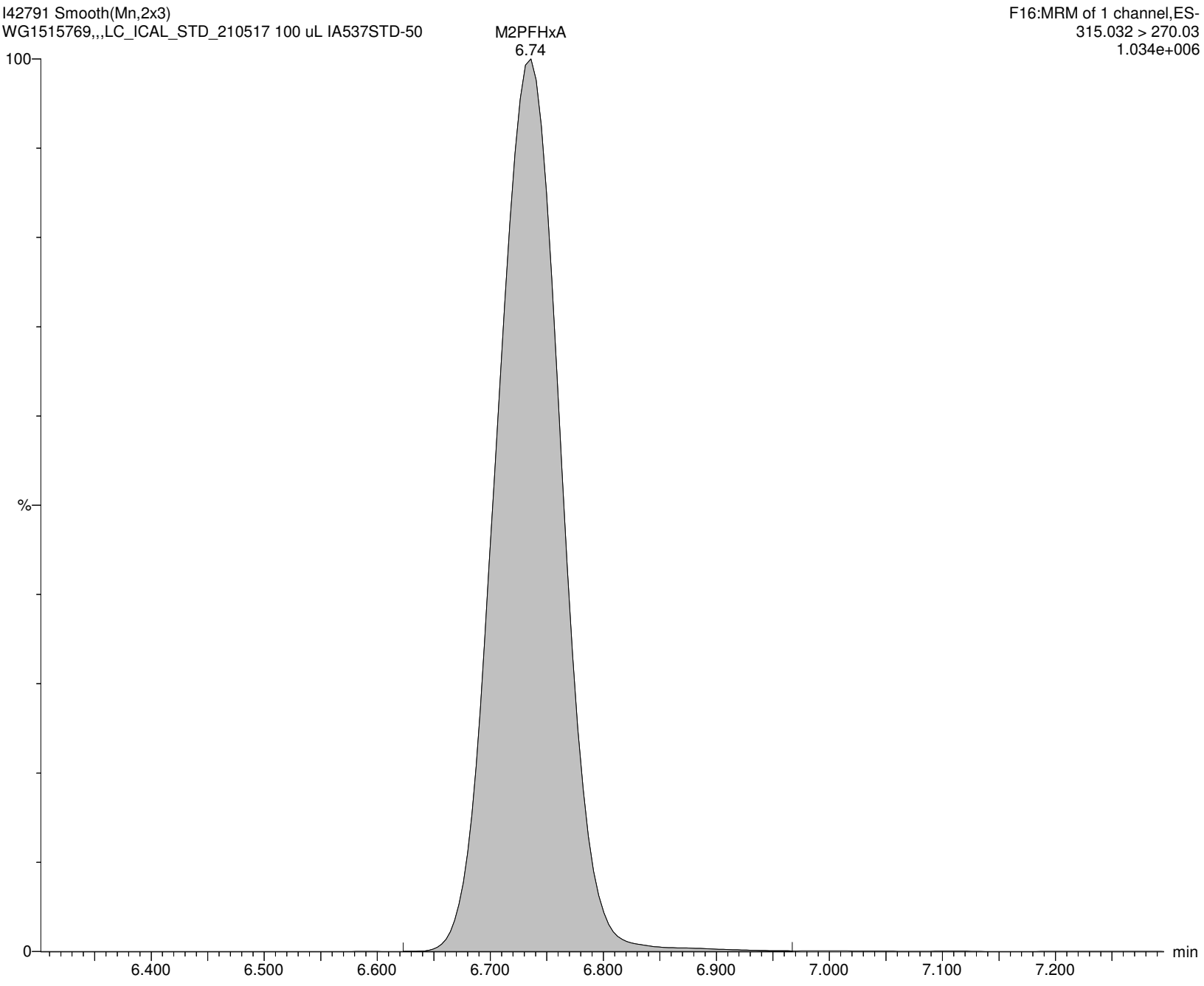


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFHxA

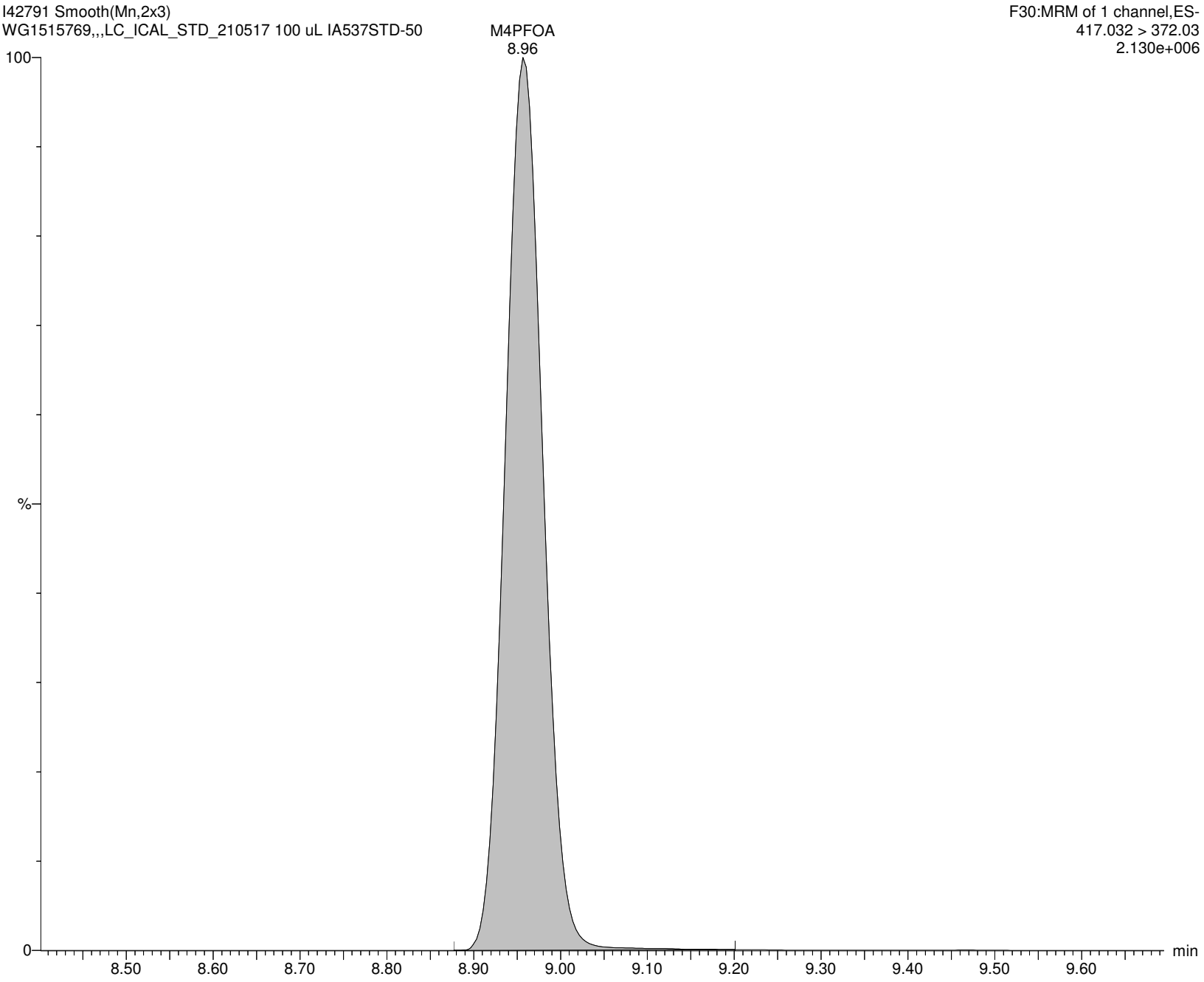


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOA

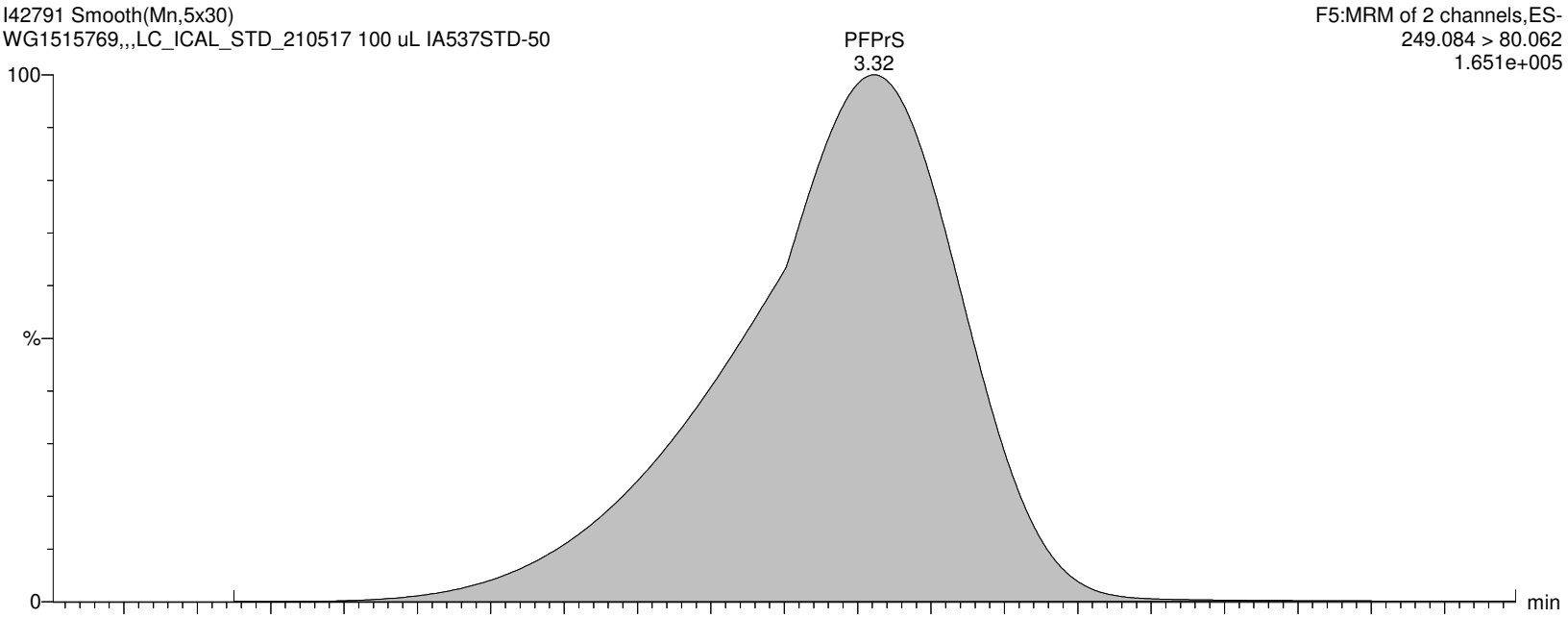


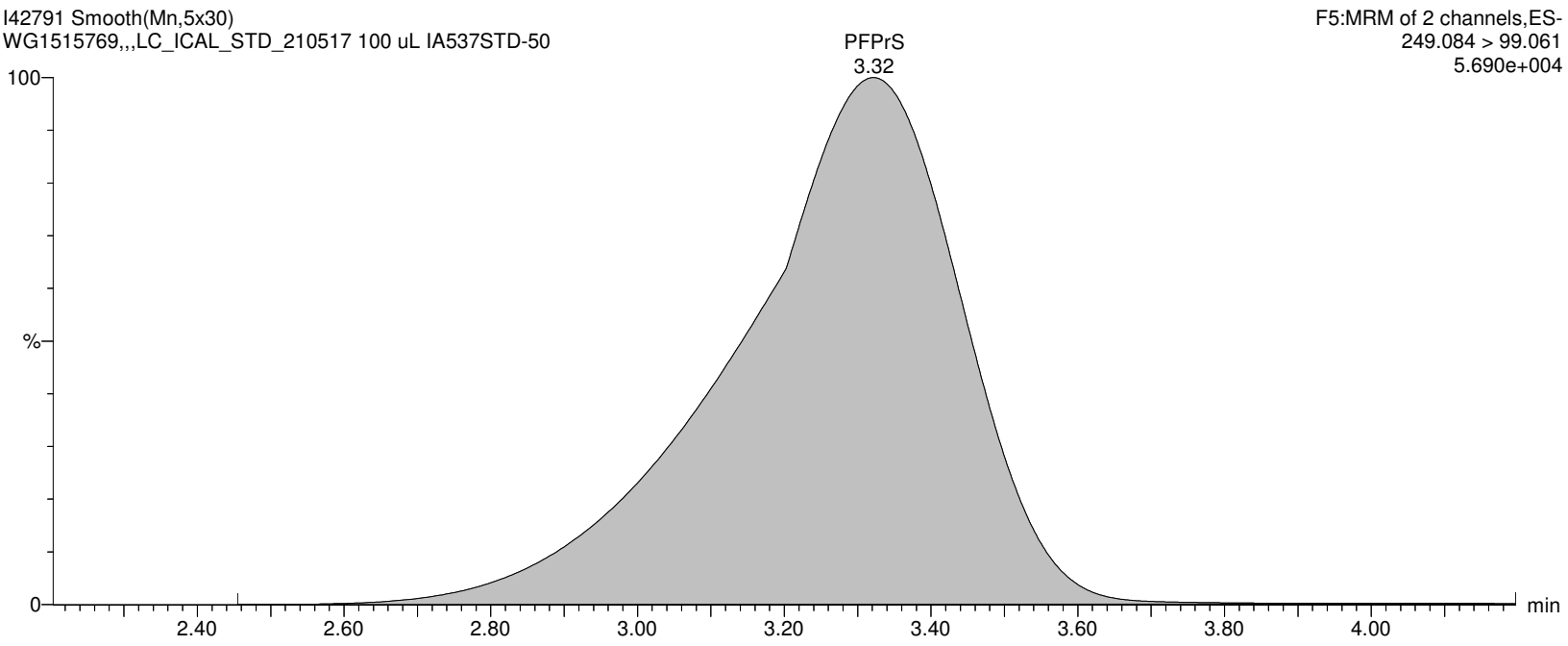
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPrS



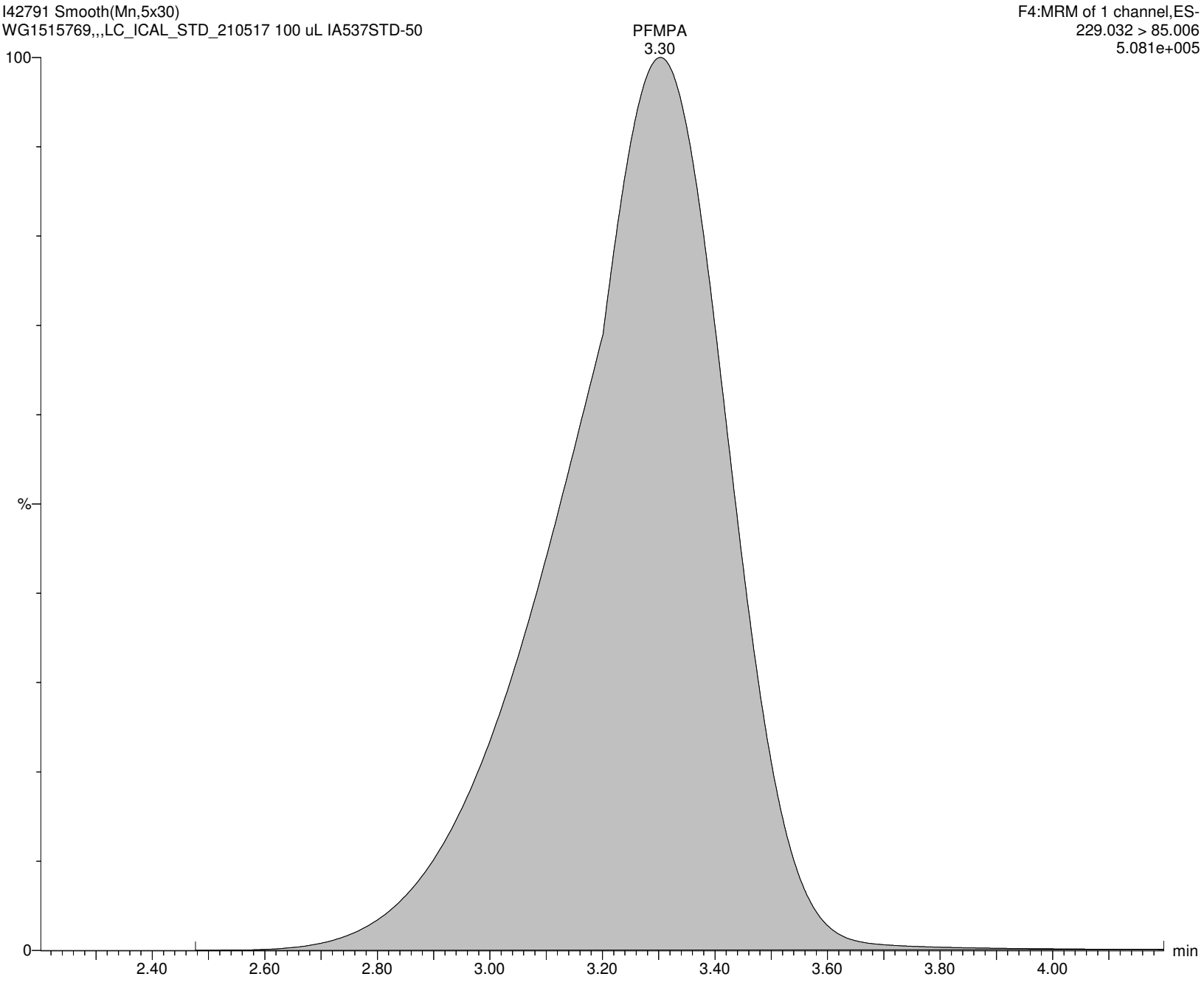


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFMPA

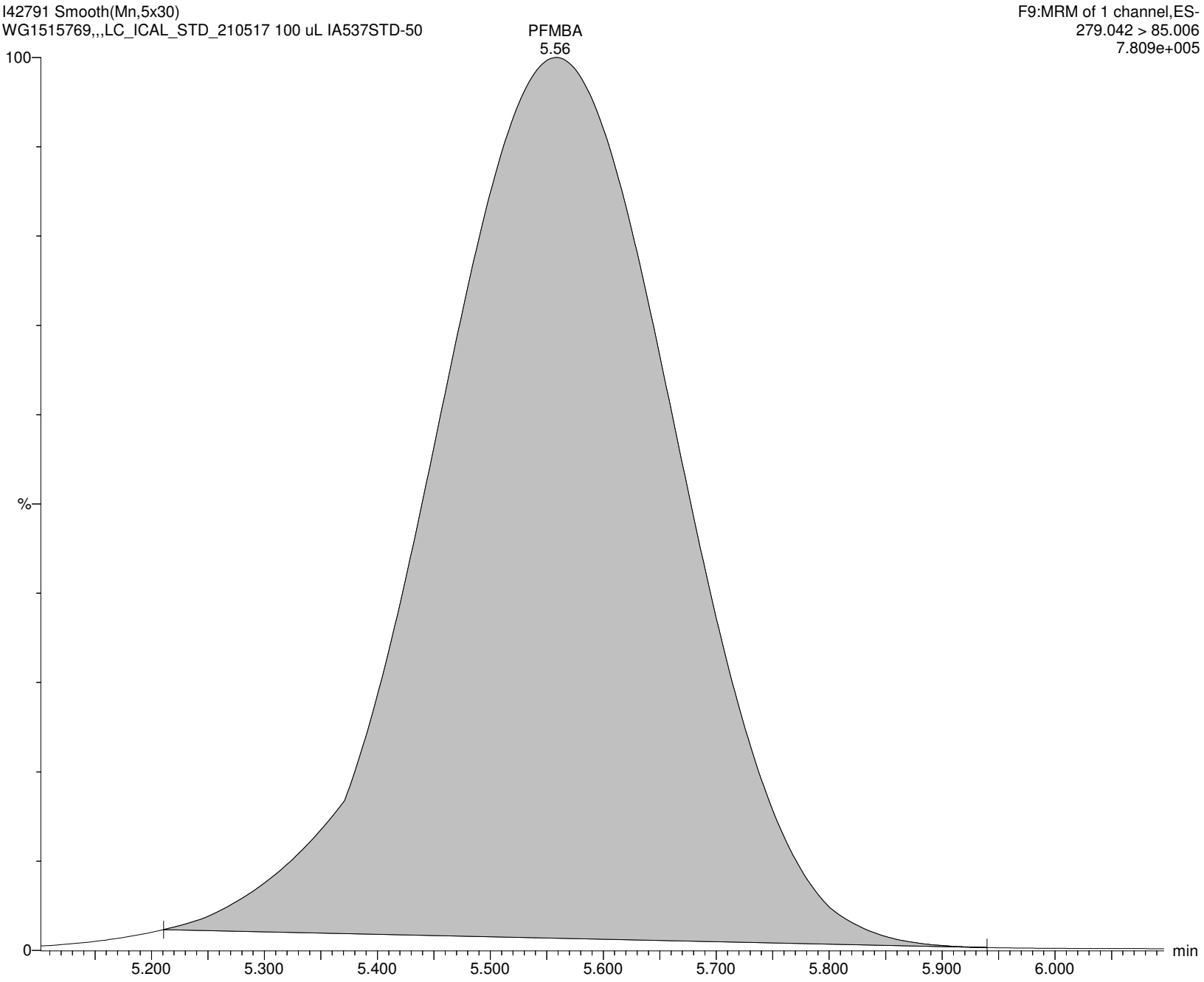


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFMBA

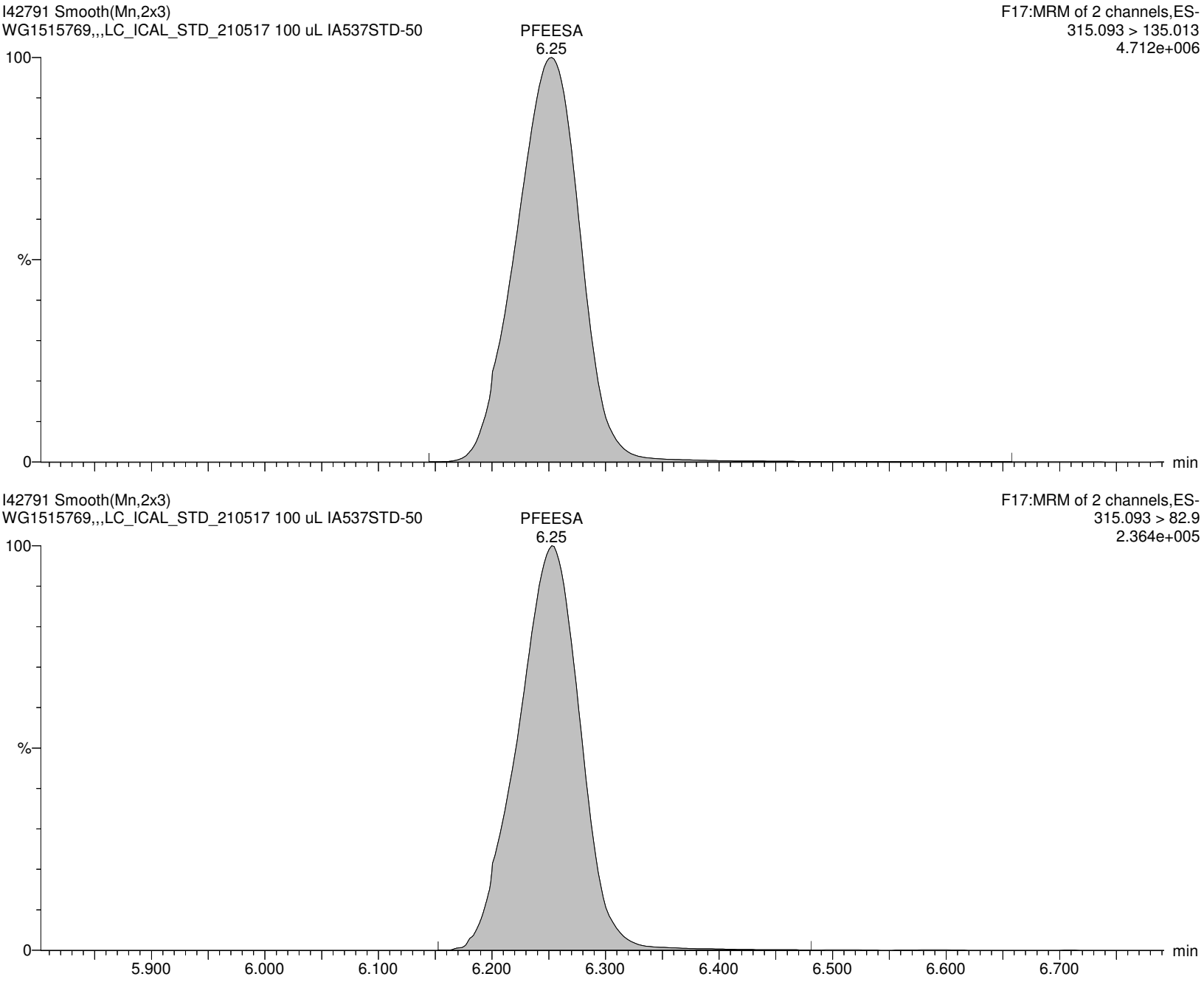


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFEESA

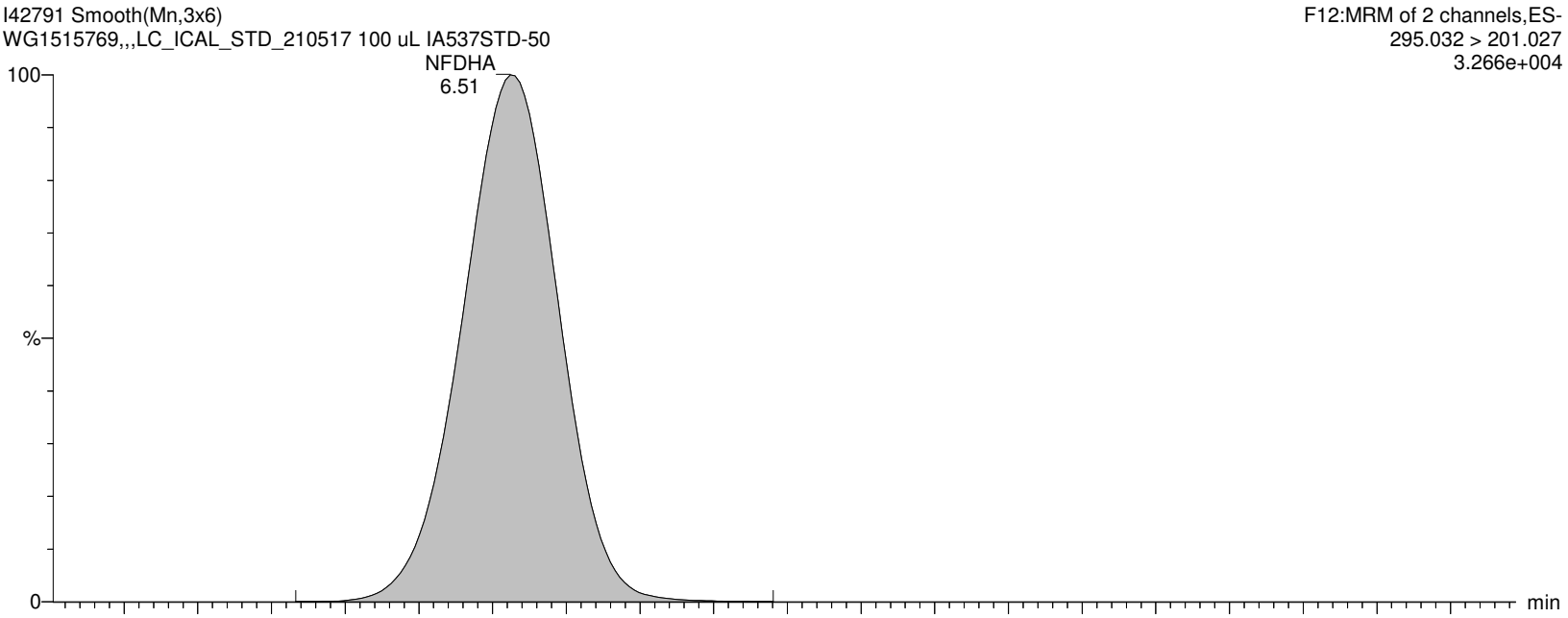


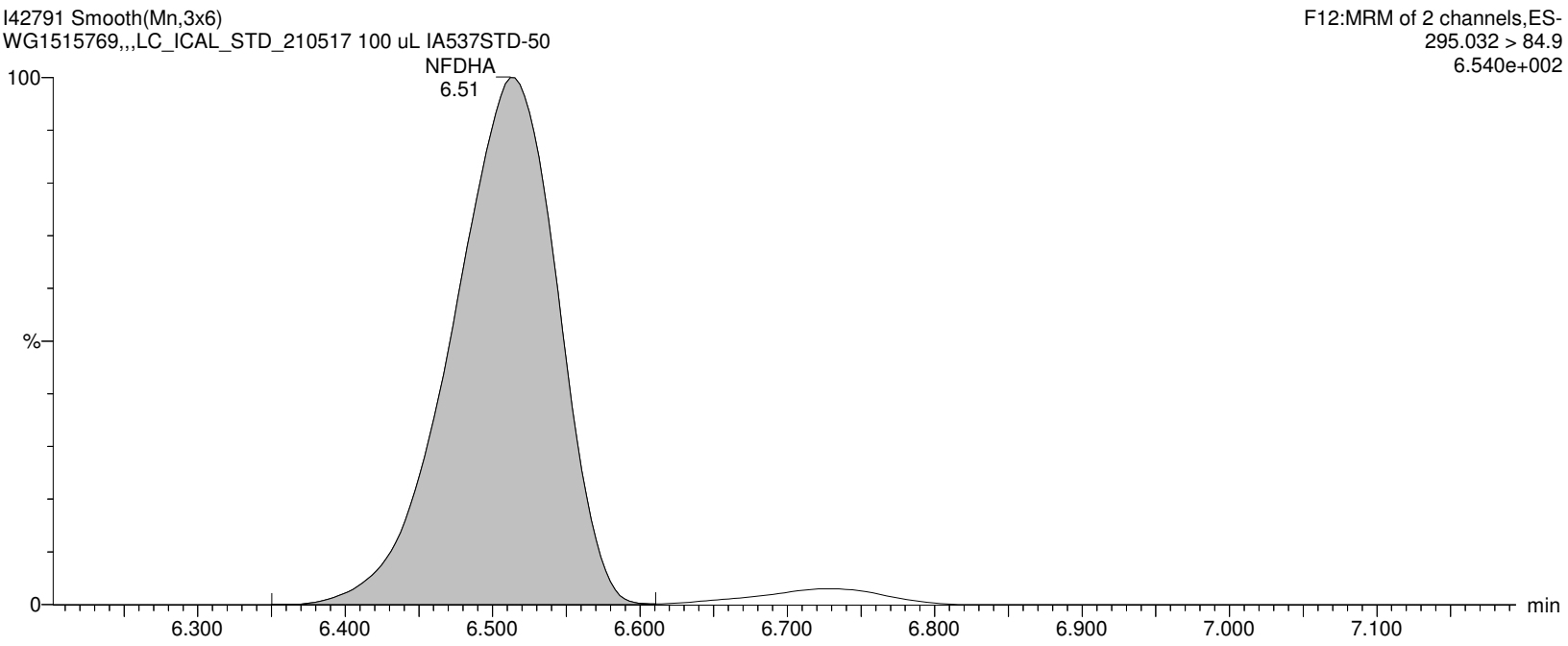
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NFDHA





all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\MethDB\537ISO_Q_210625_TOP_RT.mdb 22 Jun 2021 09:28:25
Calibration: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

ID: IA537STD-100
Name: I42792
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	1.97	213.032 > 169.022	473389		93.604		na	93.6
2	M3PFBA	INT STD	1.96	216.009 > 171.999	52676		10.034		na	100.3
3	MPFBA	INT STD	1.97	217.001 > 171.999	56827		10.033		na	100.3
4	PFPeA	2706-90-3	4.84	263.039 > 219.03	536882		93.334		na	93.3
5	M5PFPEA	INT STD	4.85	268.001 > 222.999	61133		9.836		na	98.4
6	PFBS	375-73-5	5.51	299.092 > 80.062	107188		82.922	1.92	NO	93.7
7	M3PFBS	INT STD	5.51	302.069 > 80.062	11898		10.316		na	103.2
8	4:2FTS	757124-72-4	6.66	327.146 > 307.139	43009		94.237	2.54	NO	100.8
9	M2-4:2FTS	INT STD	6.66	329.13 > 309.124	6731		14.564		na	145.6
10	PFHxA	307-24-4	6.74	313.047 > 269.037	602626		91.968	16.13	NO	92.0
11	M5PFHxA	INT STD	6.73	318.009 > 273.007	61755		10.099		na	101.0
12	PFPeS	2706-91-4	7.06	349.1 > 80.062	115818		91.204	2.29	NO	97.0
13	PFHpA	375-85-9	8.01	363.055 > 319.045	851281		93.151	5.55	NO	93.2
14	M4PFHpA	INT STD	8.01	367.025 > 322.022	90321		9.907		na	99.1
15	br-PFHxS	355-46-4	7.95	399.107 > 80.062	23559	M5,M7	16.559	2.15	NO	97.4
16	L-PFHxS	355-46-4	8.18	399.107 > 80.062	97343		68.125	1.64	NO	92.1
17	PFHxS	355-46-4		399.107 > 80.062	120902		84.684		na	
18	M3PFHxS	INT STD	8.18	402.084 > 80.062	13096		10.012		na	100.1
19	br-PFOA	335-67-1		413.063 > 369.053			ND	0.00	NO	
20	L-PFOA	335-67-1	8.96	413.063 > 369.053	912101		93.117	8.68	NO	93.1
21	PFOA	335-67-1		413.063 > 369.053	912101		93.117		na	
22	M8PFOA	INT STD	8.95	421.002 > 376.	101646		10.011		na	100.1
23	M2PFOA	INT STD	8.96	415.048 > 370.045	100008		9.443		na	94.4
24	6:2FTS	27619-97-2	8.92	427.161 > 407.155	42840		96.526	3.78	NO	101.6
25	M2-6:2FTS	INT STD	8.92	429.146 > 409.14	6614		13.939		na	139.4
26	PFHpS	375-92-8	9.05	449.115 > 80.062	76994		90.243	1.11	NO	95.0
27	PFNA	375-95-1	9.72	463.071 > 419.061	662654		93.759	3.84	NO	93.8
28	M9PFNA	INT STD	9.72	472.002 > 427.	28294		9.701		na	97.0
29	br-PFOS	1763-23-1	9.59	499.123 > 80.062	30615	M5,M7	19.467	4.17	NO	97.3
30	L-PFOS	1763-23-1	9.78	499.123 > 80.062	79784		71.168	1.80	NO	97.5
31	PFOS	1763-23-1		499.123 > 80.062	110399		90.635		na	
32	M4PFOS	INT STD	9.77	503.093 > 80.062	10454		9.236		na	92.4
33	M8PFOS	INT STD	9.77	507.062 > 80.062	11909		10.166		na	101.7
34	PFDA	335-76-2	10.34	513.078 > 469.069	564153		91.188	5.45	NO	91.2
35	M2PFDA	INT STD	10.34	515.053 > 469.934	54256		8.894		na	88.9
36	M6PFDA	INT STD	10.34	519.033 > 474.03	62172		10.096		na	101.0
37	8:2FTS	39108-34-4	10.33	527.177 > 507.171	17980		98.388	4.94	NO	102.5
38	M2-8:2FTS	INT STD	10.33	529.162 > 509.155	4532		12.993		na	129.9
39	PFNS	68259-12-1	10.37	549.131 > 80.062	86063		93.550	1.44	NO	97.4

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

ID: IA537STD-100
Name: I42792
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.75	573.22 > 419.061	6756		11.639		na	116.4
41	br-NMeFOSAA		10.60	570.202 > 419.061	6623	M5,M7	23.375	1.22	NO	97.4
42	L-NMeFOSAA		10.76	570.202 > 419.061	52214		70.945	2.45	NO	93.3
43	NMeFOSAA	2355-31-9		570.202 > 419.061	58837		94.320		na	
44	PFUnA	2058-94-8	10.88	563.086 > 519.076	508633		93.644	9.76	NO	93.6
45	M7-PFUDA	INT STD	10.87	570.033 > 525.031	53846		9.376		na	93.8
46	PFDS	335-77-3	10.90	599.139 > 80.062	90877		91.928	1.71	NO	95.3
47	FOSA	754-91-6	10.94	498.146 > 78.07	277526		92.965	120.27	NO	93.0
48	M8FOSA	INT STD	10.94	506.077 > 78.07	34869		10.458		na	104.6
49	br-NEtFOSAA		10.92	584.229 > 419.061	4110	M5,M7	22.028	0.62	NO	97.9
50	L-NEtFOSAA		11.06	584.229 > 419.061	38822		72.770	1.21	NO	93.9
51	NEtFOSAA	2991-50-6		584.229 > 419.061	42932		94.799		na	
52	d5-NEtFOSAA	INT STD	11.05	589.259 > 419.061	5408		11.274		na	112.7
53	PFDoA	307-55-1	11.35	613.094 > 569.084	572605		96.893	19.65	NO	96.9
54	MPFDOA	INT STD	11.35	615.079 > 570.077	56277		10.157		na	101.6
55	PFTrDA	72629-94-8	11.76	663.102 > 619.092	424599		97.330	11.03	NO	97.3
56	PFTA	376-06-7	12.12	713.11 > 669.1	353808		93.234	9.18	NO	93.2
57	M2PFTEDA	INT STD	12.11	715.094 > 670.092	19491		11.215		na	112.2
58	M3HFPO-DA	INT STD	7.17	287.02 > 169.022	4759		168.197		na	84.1
59	HFPO-DA	13252-13-6	7.16	285.035 > 169.022	22122		957.398	1.43	YES	95.7
60	ADONA	958445-44-8	8.20	377.06 > 251.028	717195		88.850	41.15	NO	93.9
61	PFHxDA		12.63	813.122 > 769.116	169410		93.383	22.47	NO	93.4
62	PFODA		12.86	913.411 > 869.131	20075	M4	90.383	23.14	NO	90.4
63	M2PFHxDA		12.63	815.102 > 770.108	27439		10.779		na	107.8
64	PFDoS		11.75	699.154 > 80.062	62039		96.081	2.26	NO	96.1
65	M2D4-10:2FTS		11.35	633.201 > 612.189	3432	M4	18.582		na	94.0
66	10:2FTS		11.36	627.192 > 607.186	17801	M2,M7	88.294	2.03	NO	91.6
67	9CL-PF3ONS		10.13	530.862 > 350.843	403948		84.268	2.62	NO	90.4
68	11CL-PFOUdS		11.15	630.862 > 450.854	379783		85.567	3.00	NO	90.8
69	NMeFOSA		11.57	512.163 > 169.022	278954		495.330	1.65	NO	99.1
70	d3-NMeFOSA		11.56	515.183 > 169.022	69547		101.812		na	101.8
71	NEtFOSA		11.88	526.192 > 169.022	300529		496.364	4.78	NO	99.3
72	d5-NEtFOSA		11.86	531.222 > 169.022	76341		100.672		na	100.7
73	NMeFOSE		11.57	615.8 > 59.045	288051		248.204		na	99.3
74	d7-NMeFOSE		11.55	622.84 > 59.045	53661		95.793		na	95.8
75	NEtFOSE		11.86	629.862 > 59.045	345472		254.512		na	101.8
76	d9-NEtFOSE		11.84	638.734 > 59.045	56153		99.269		na	99.3
77	M3PFPeA		4.85	266.017 > 222.007	64371		9.497		na	95.0
78	M2PFHxA		6.74	315.032 > 270.03	63919		9.263		na	92.6
79	M4PFOA		8.96	417.032 > 372.03	97760		9.194		na	91.9
80	PFPrS	423-41-6	3.32	249.084 > 80.062	116165		89.046	2.92	NO	97.2
81	PFMPA		3.30	229.032 > 85.006	345994		94.496		na	94.5
82	PFMBA		5.56	279.042 > 85.006	366832		92.824		na	92.8

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

ID: IA537STD-100
Name: I42792
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
83	PFEESA		6.25	315.093 > 135.013	612223		86.394	20.90	NO	97.1
84	NFDHA		6.51	295.032 > 201.027	6490		114.830	55.38	NO	114.8

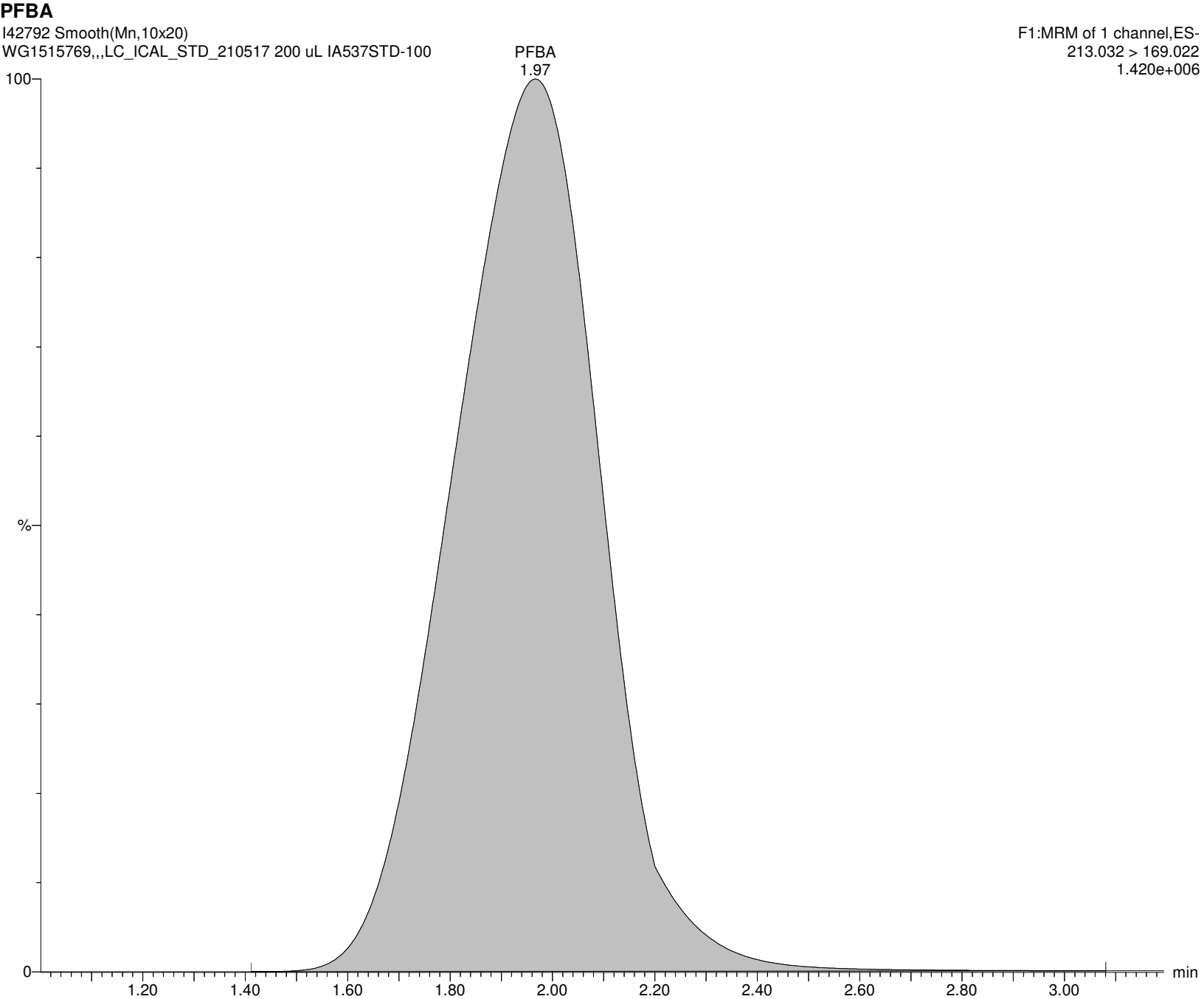
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\MethDB\537ISO_Q_210625_TOP_RT.mdb 22 Jun 2021 09:28:25
Calibration: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBA

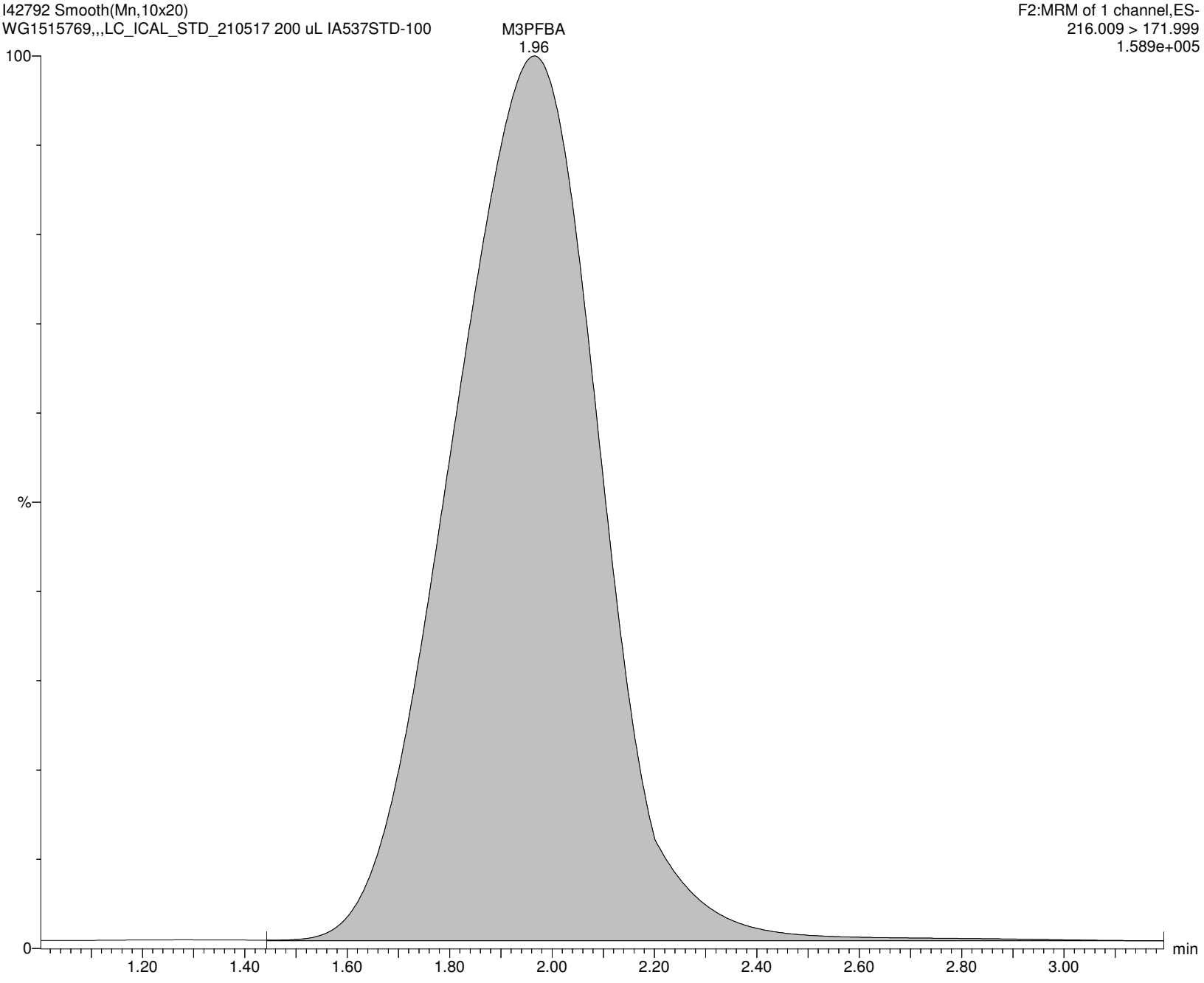


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBA

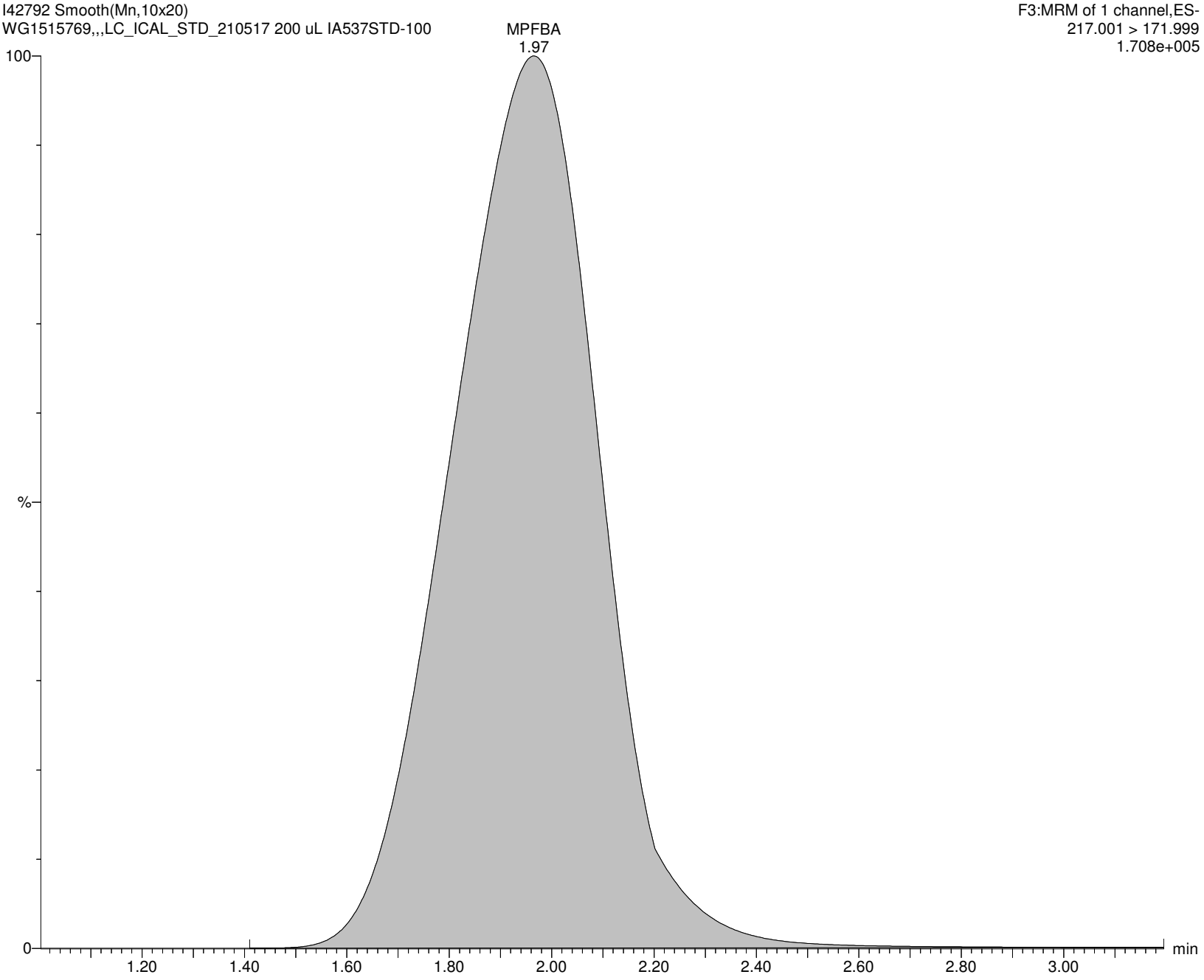


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFBA

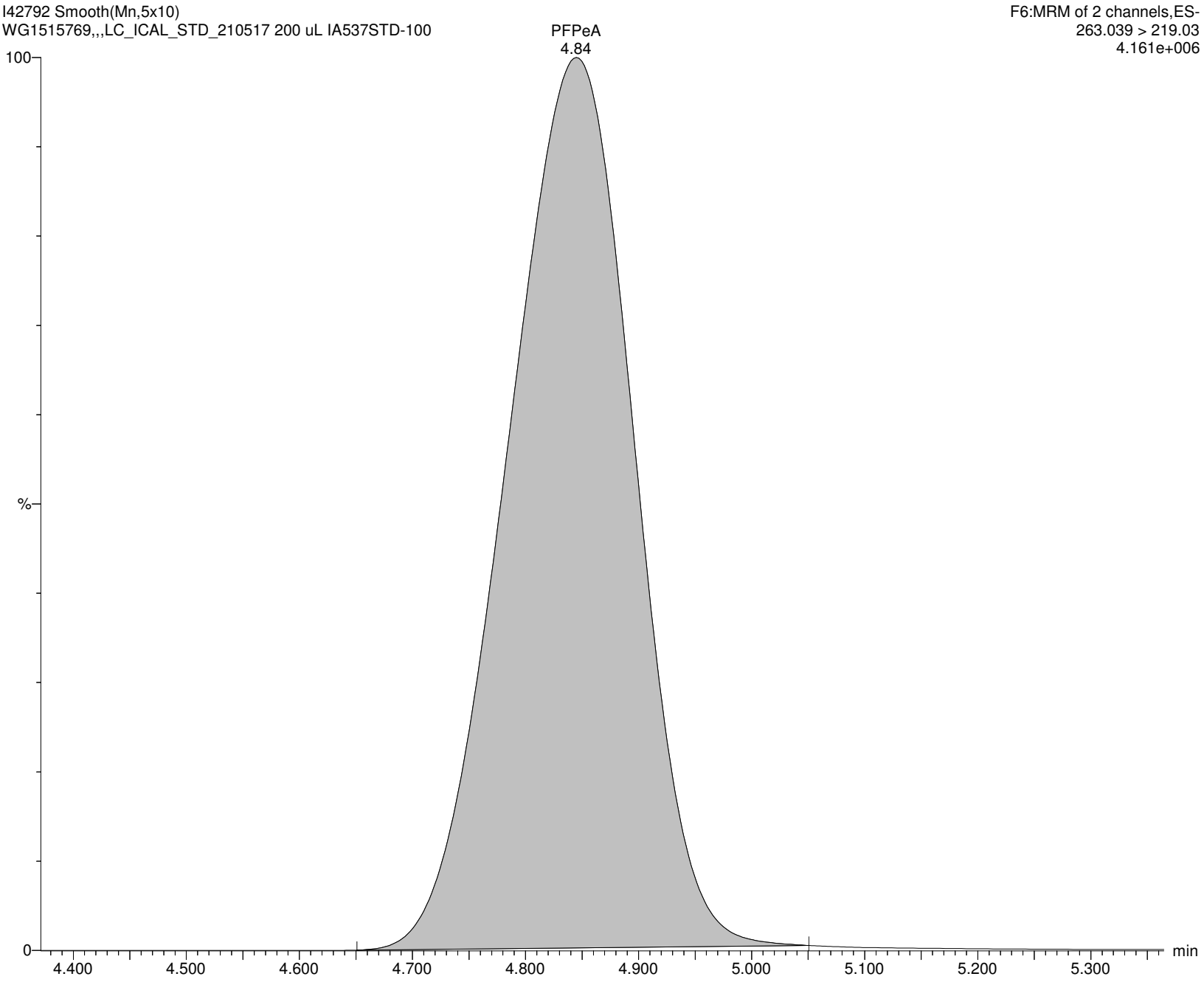


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeA

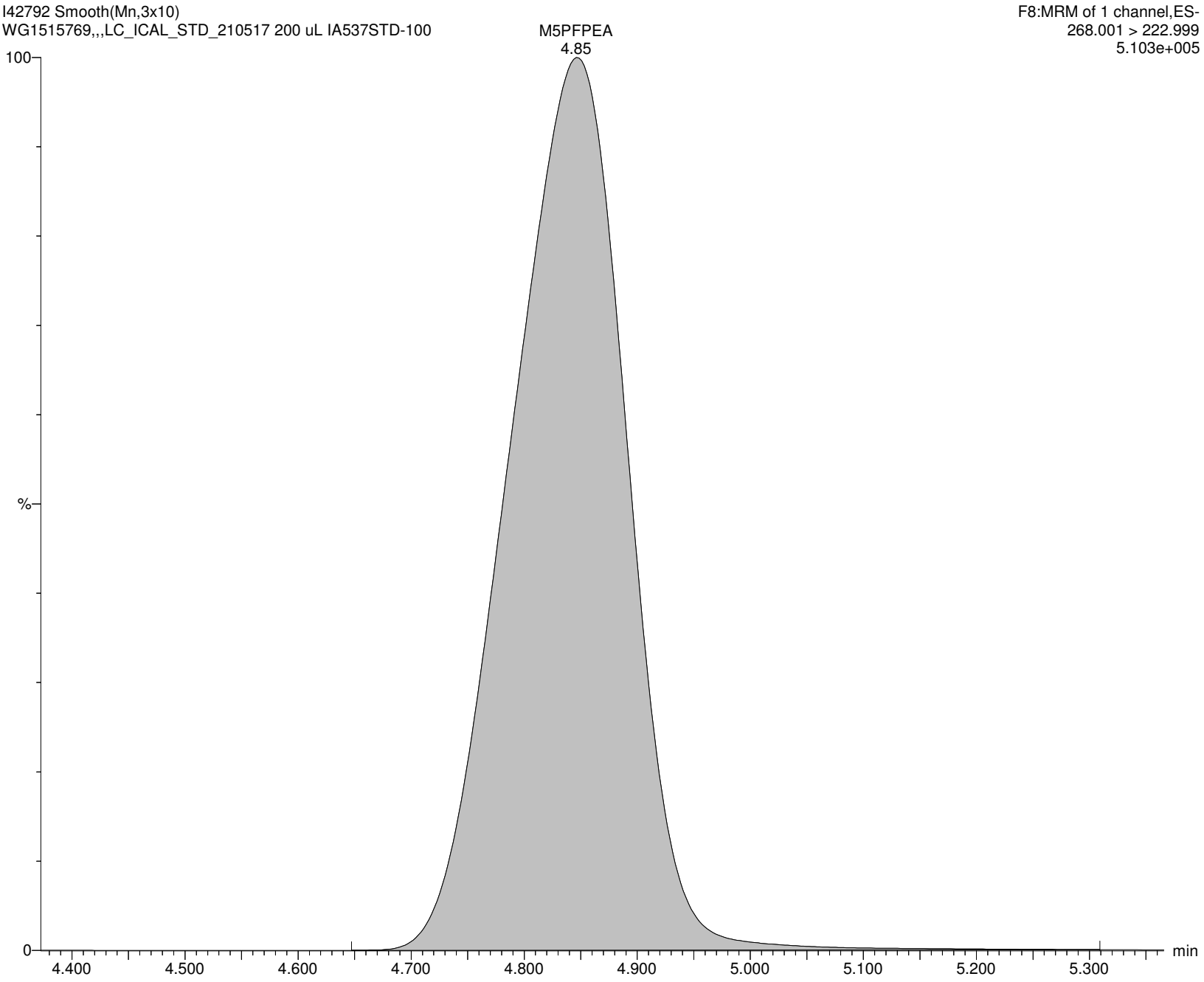


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFPEA

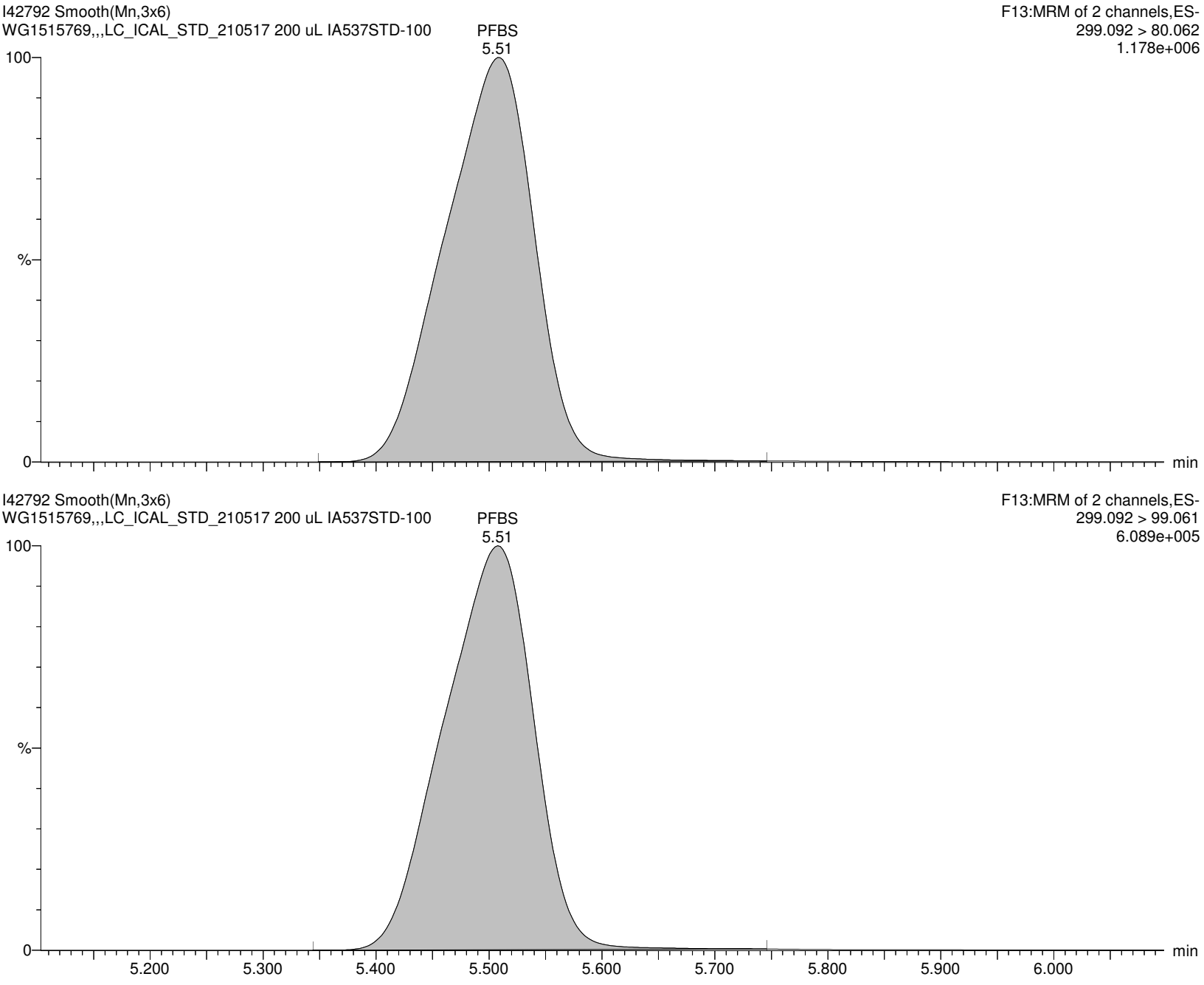


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBS

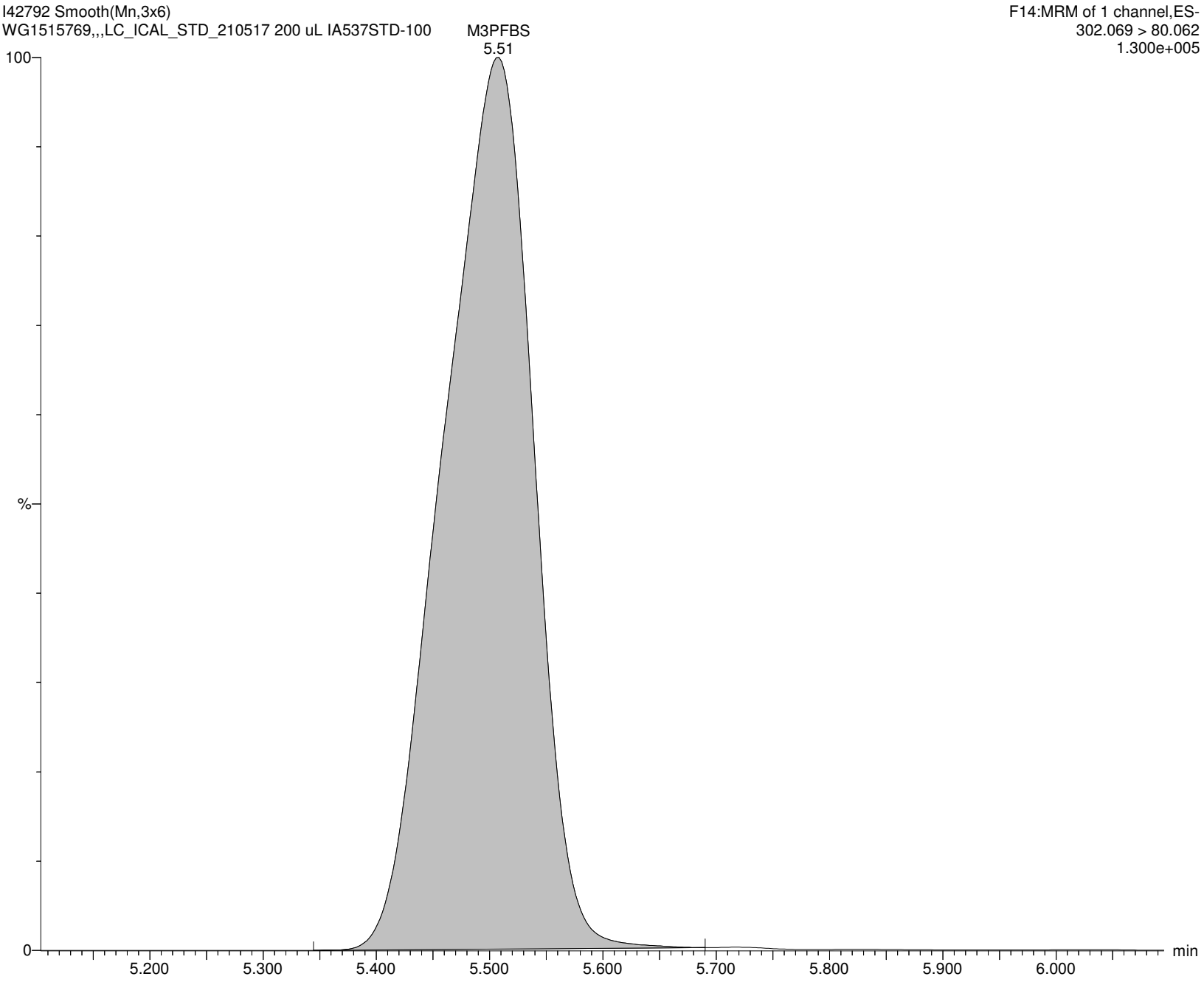


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBS

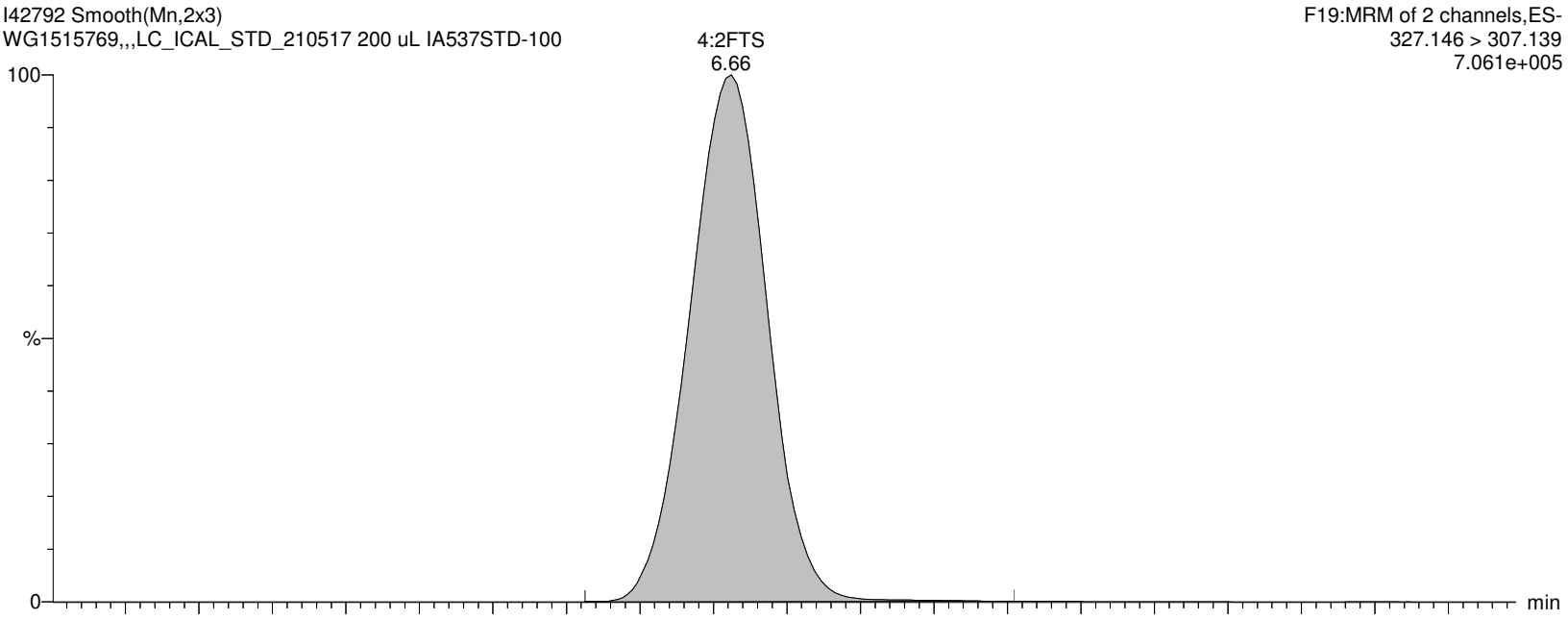


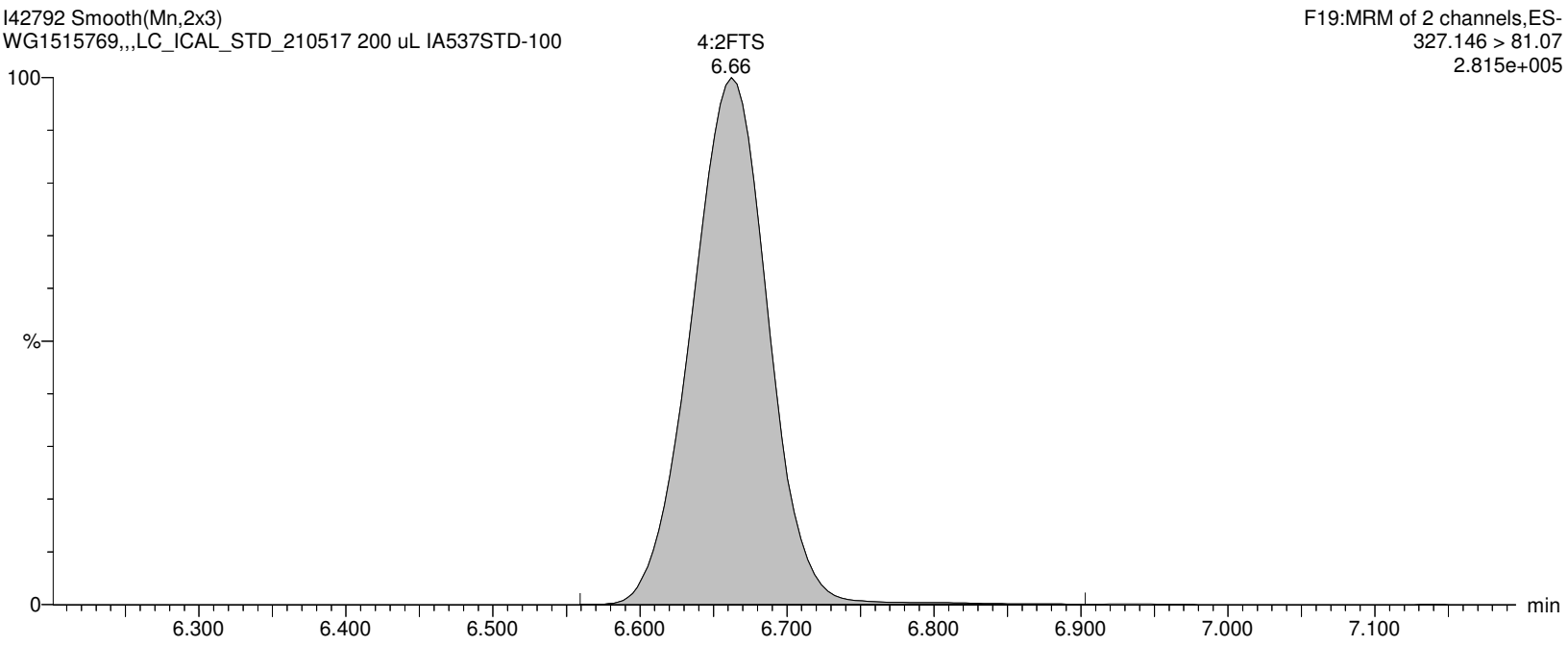
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

4:2FTS



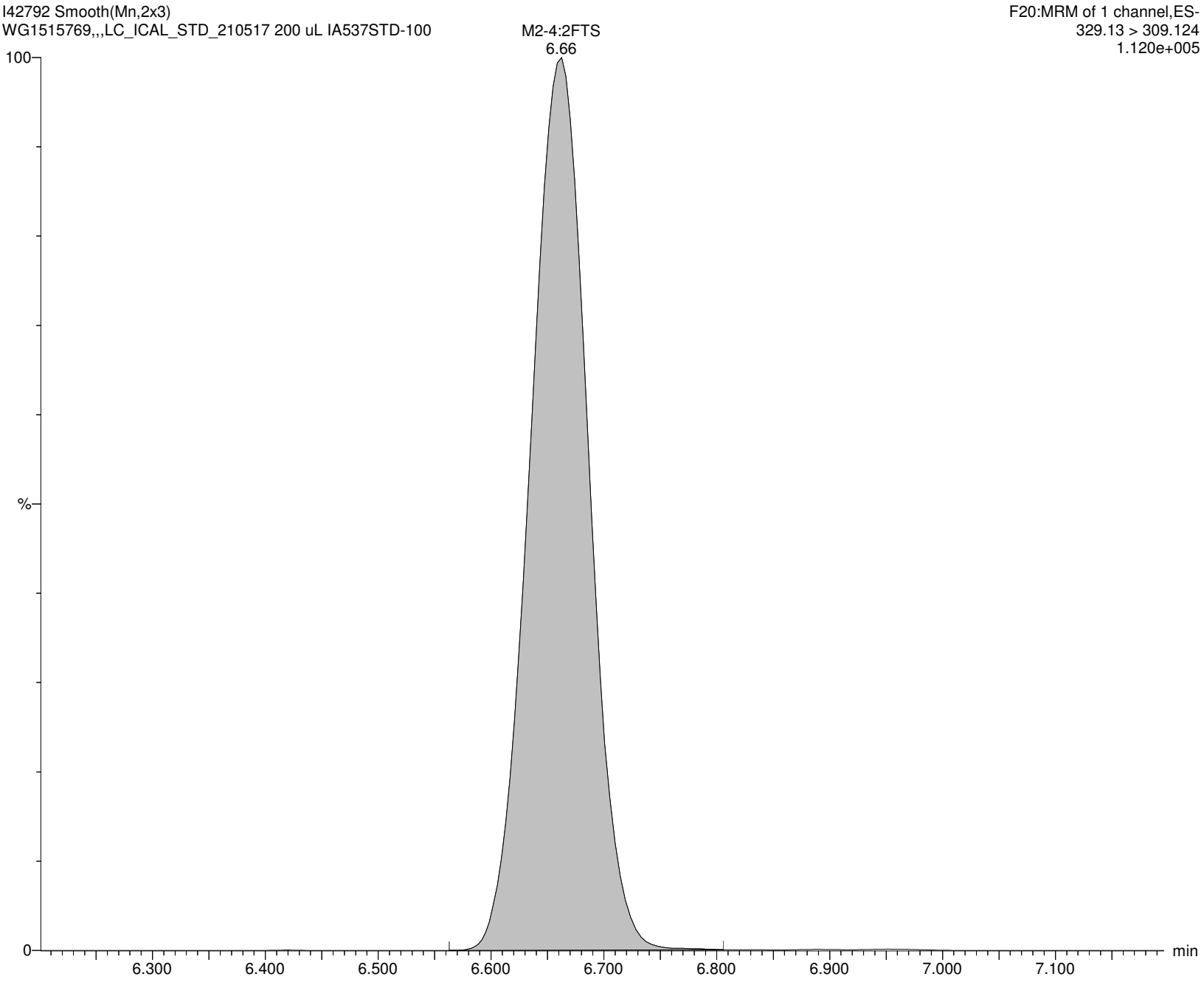


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-4:2FTS

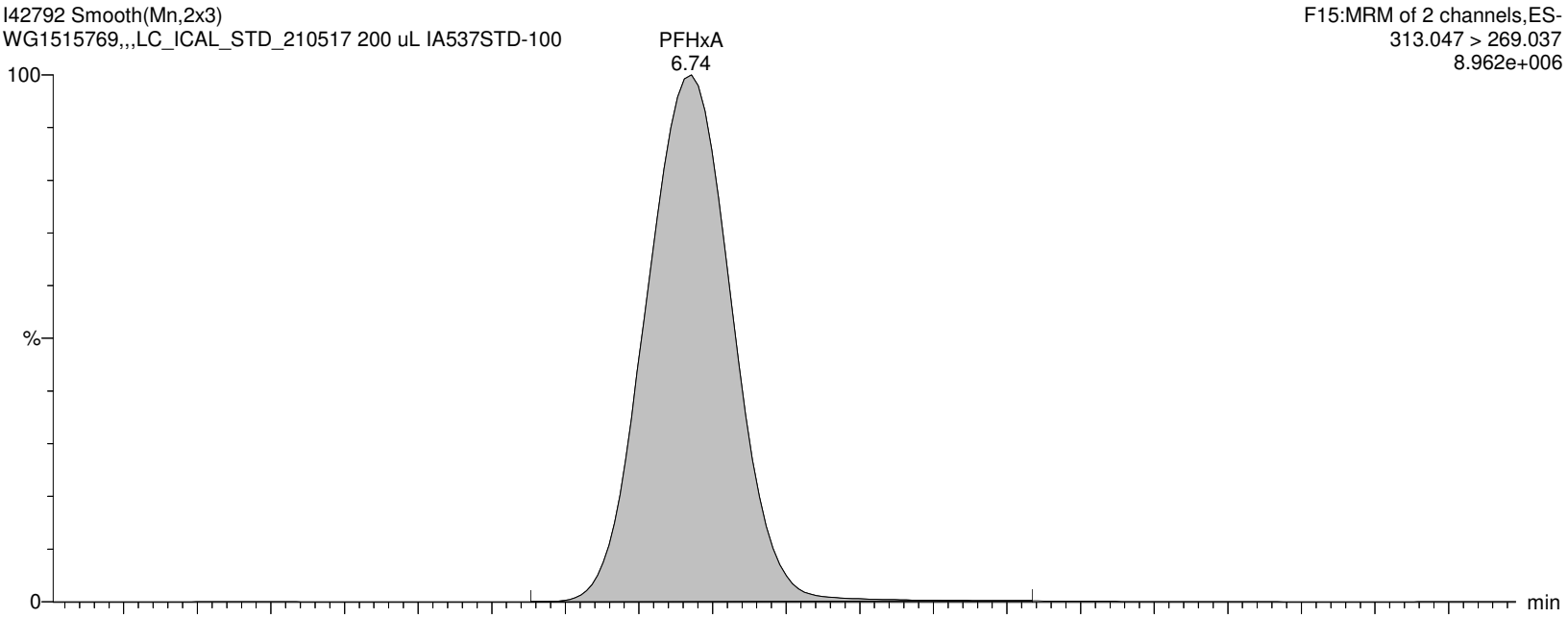


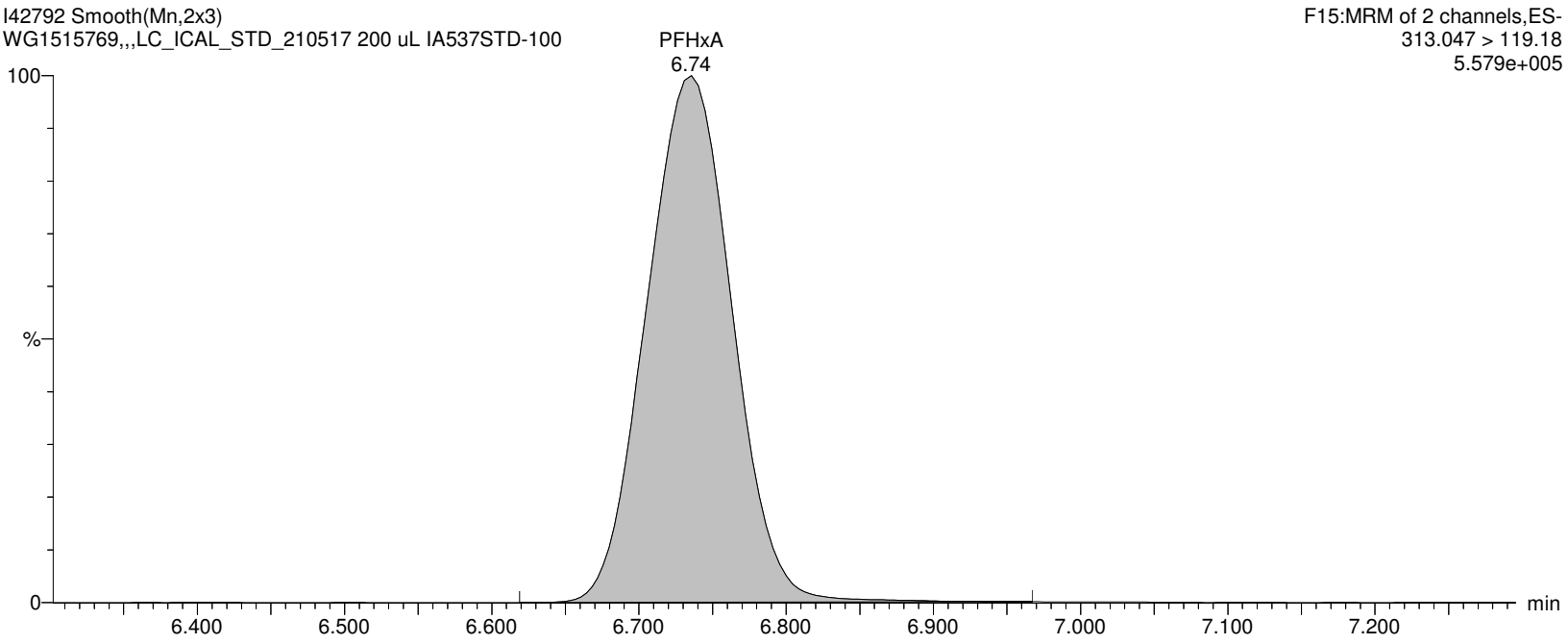
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxA



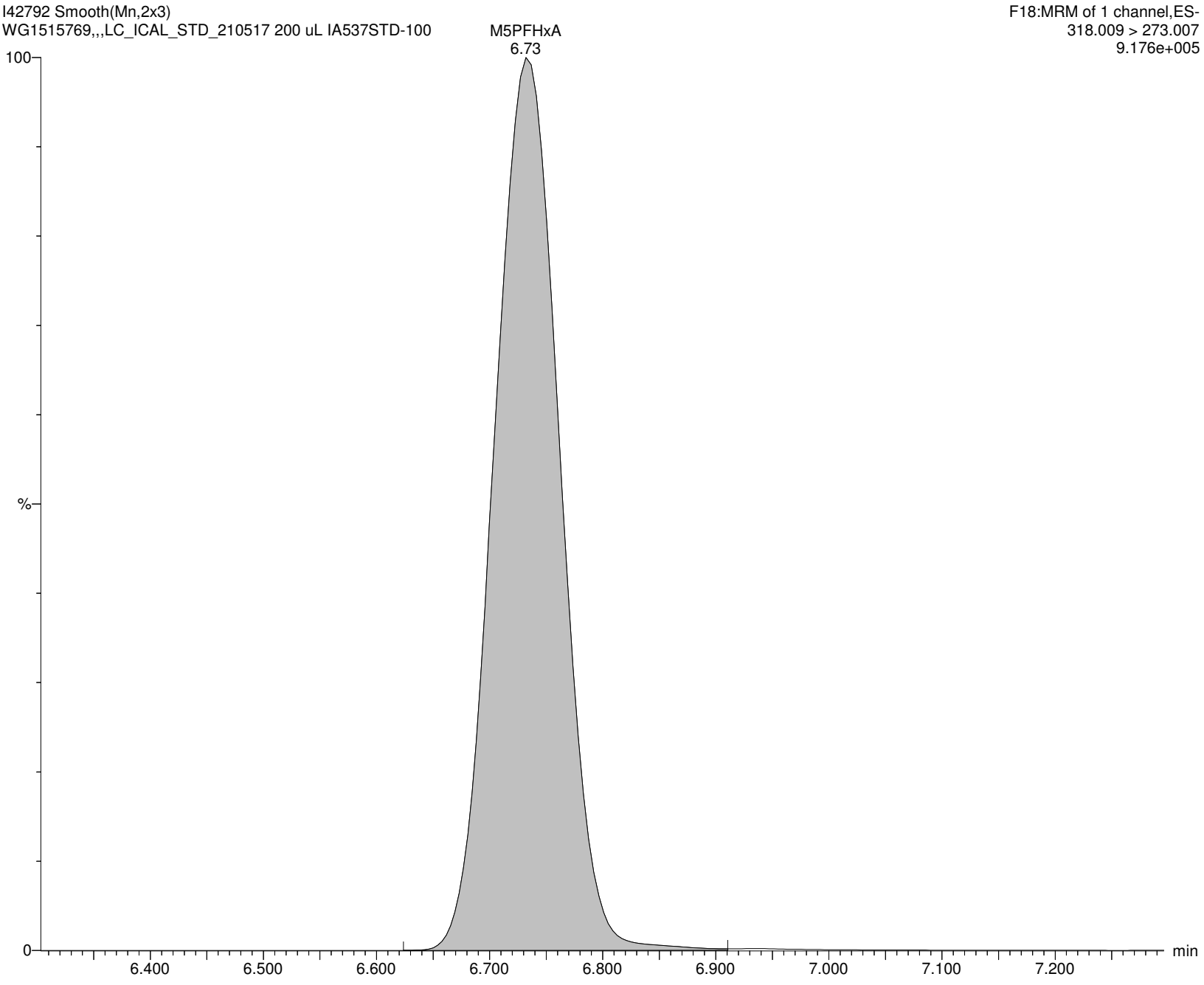


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFHxA

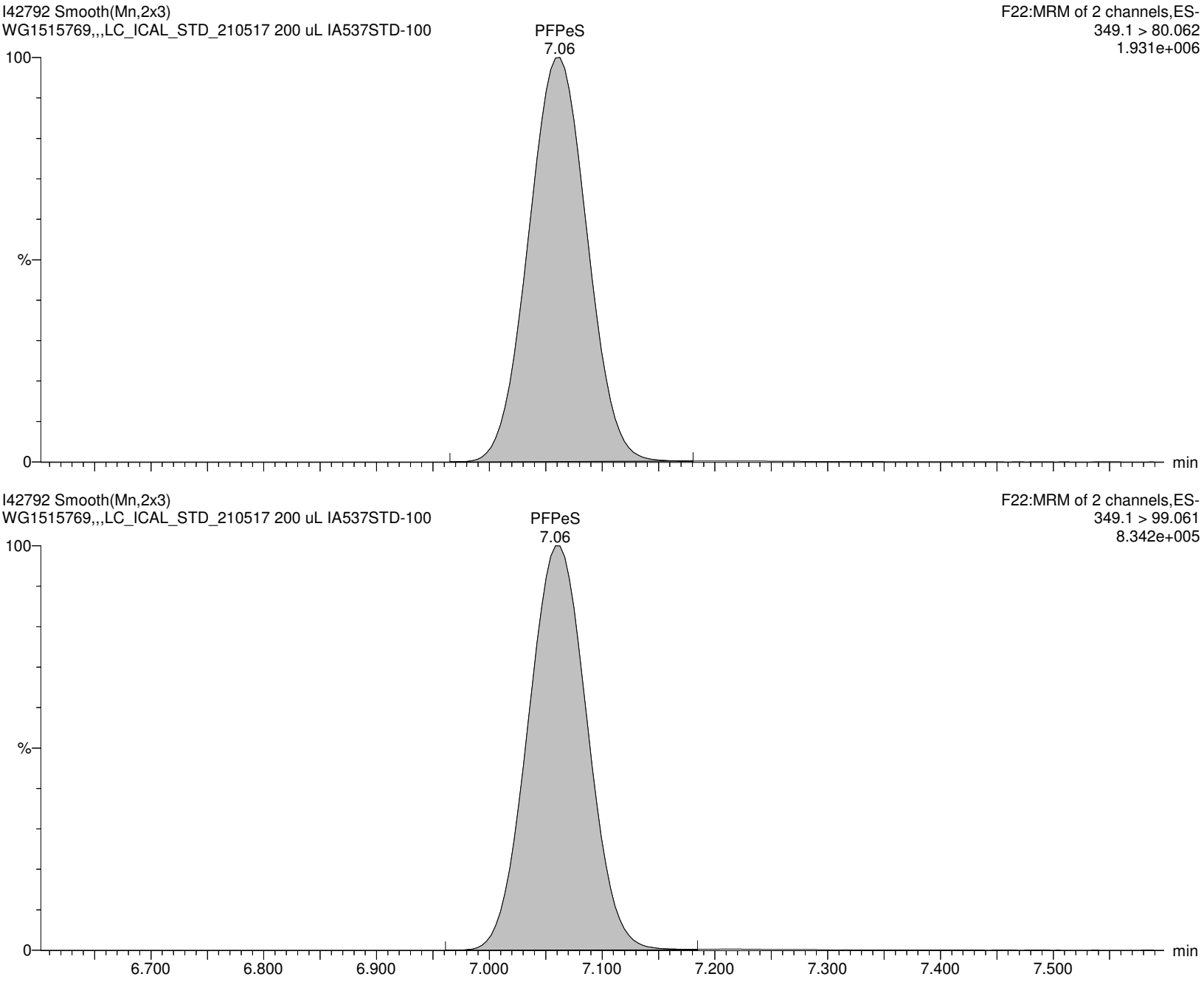


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeS

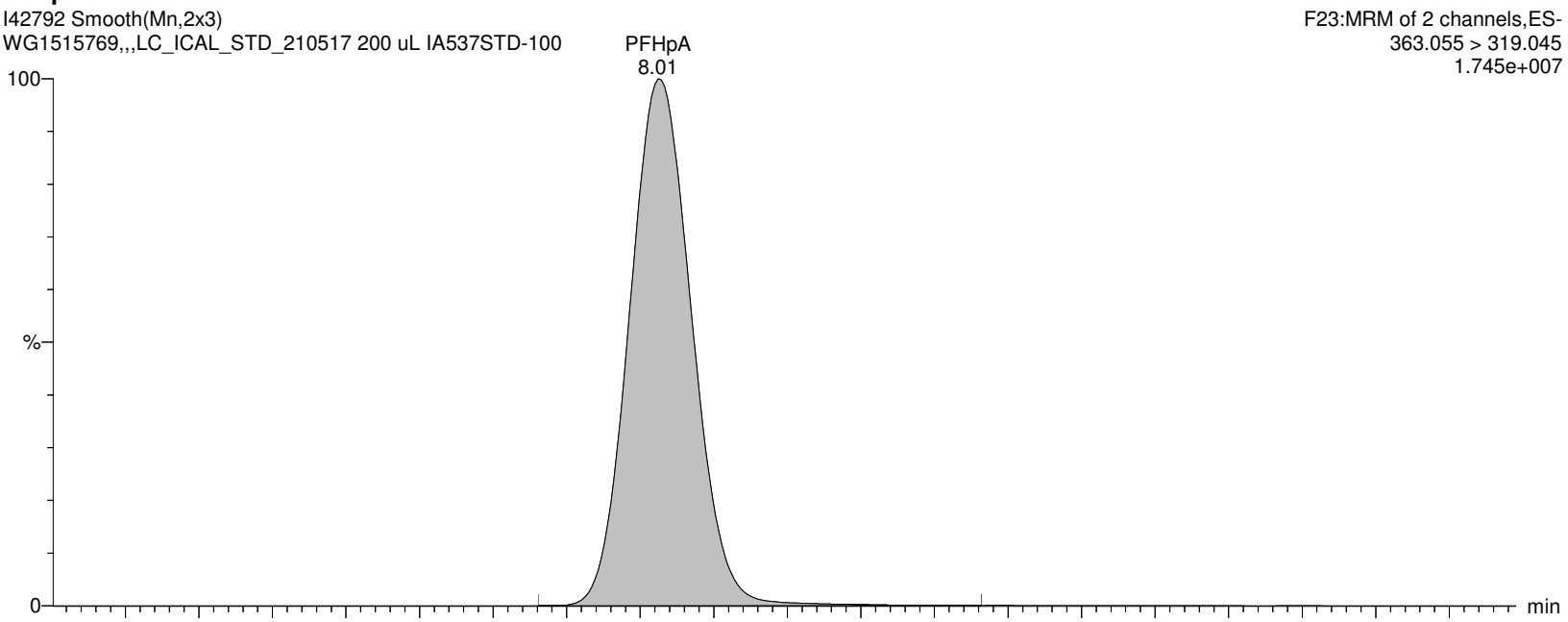


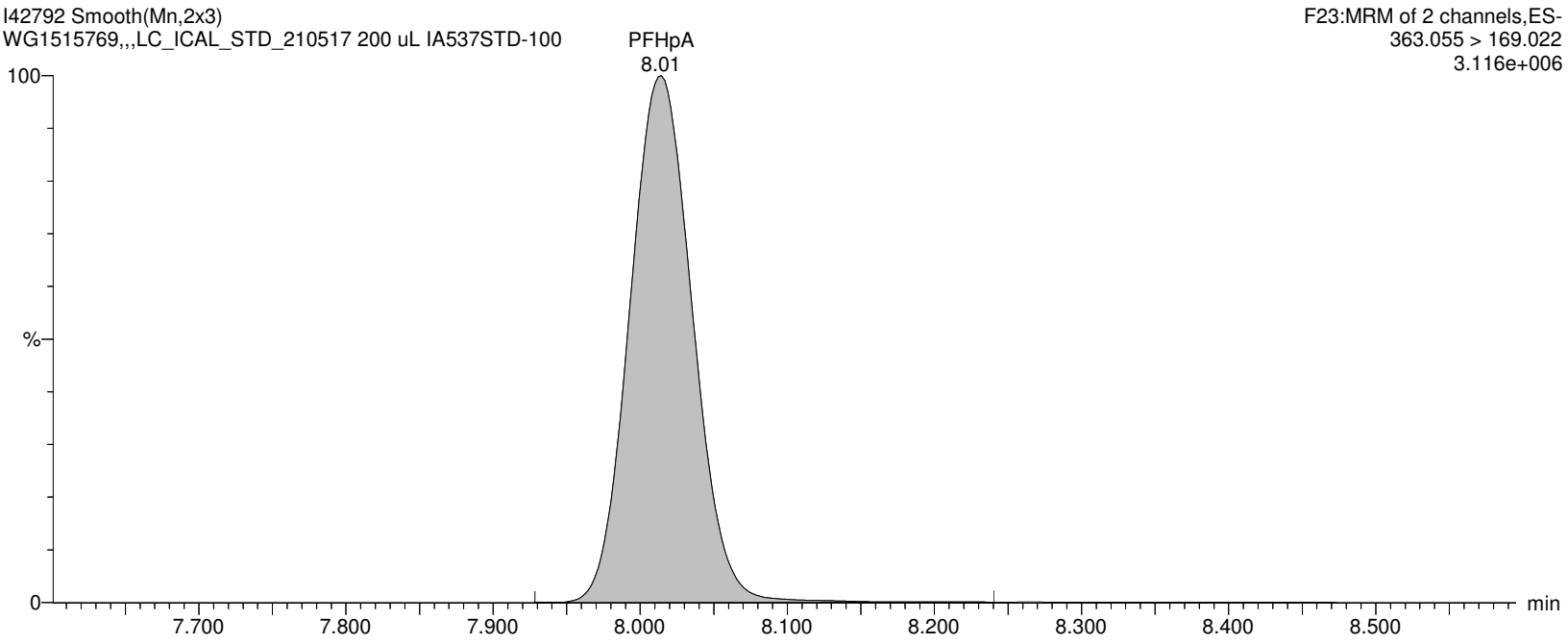
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpA



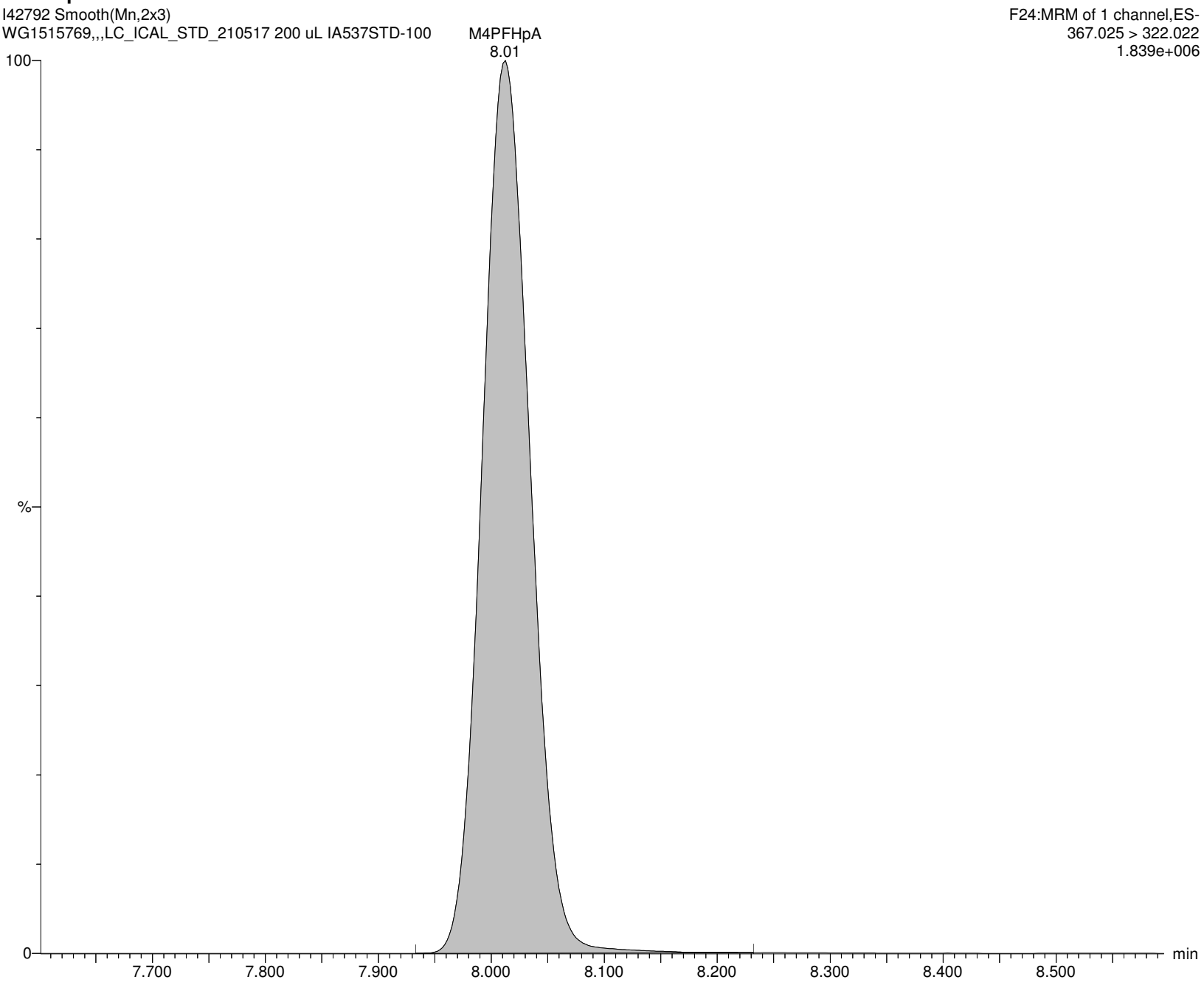


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFHpA

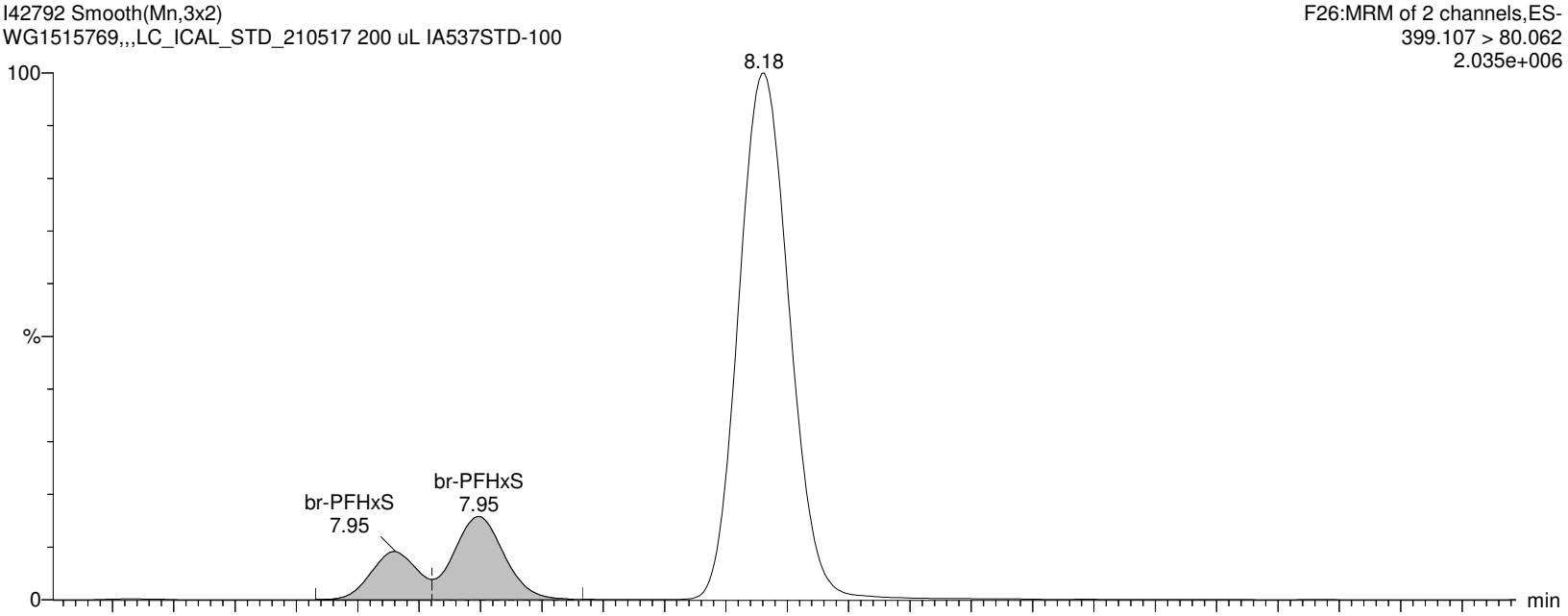


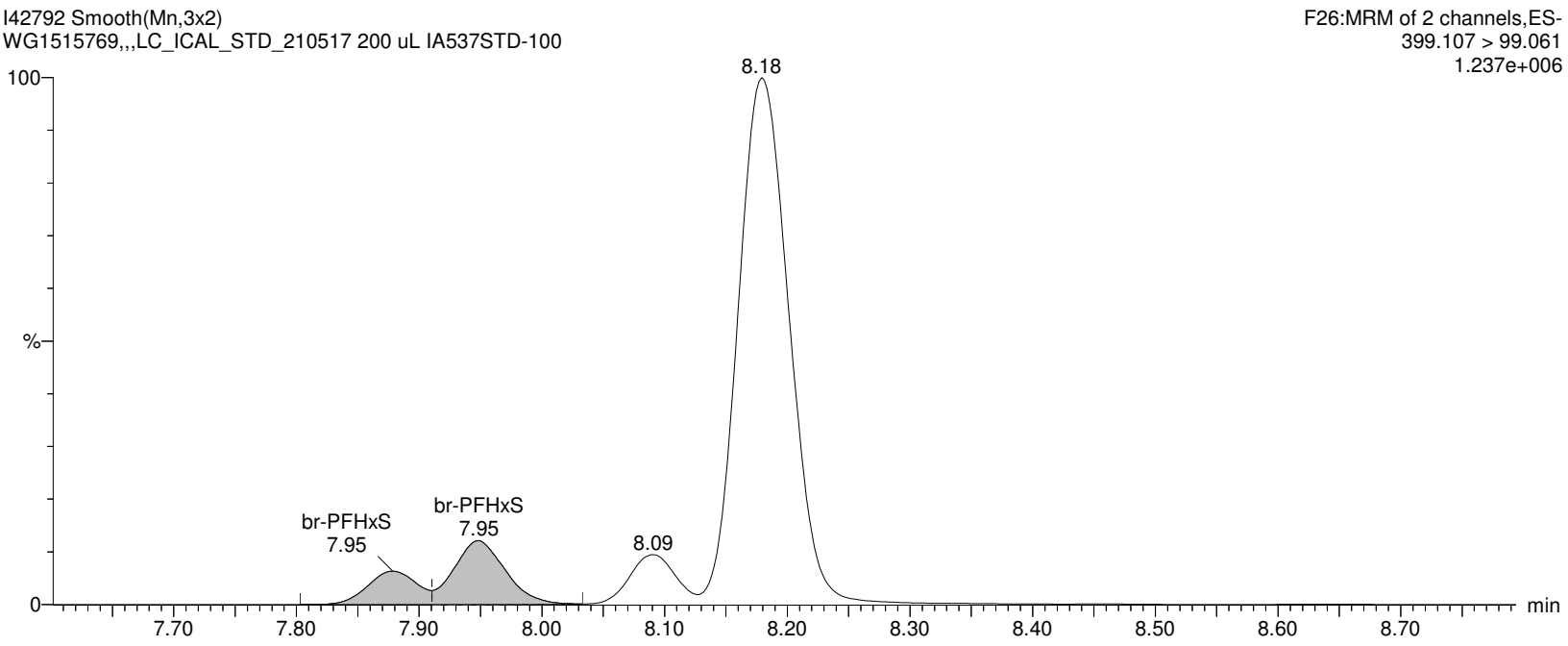
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFHxS



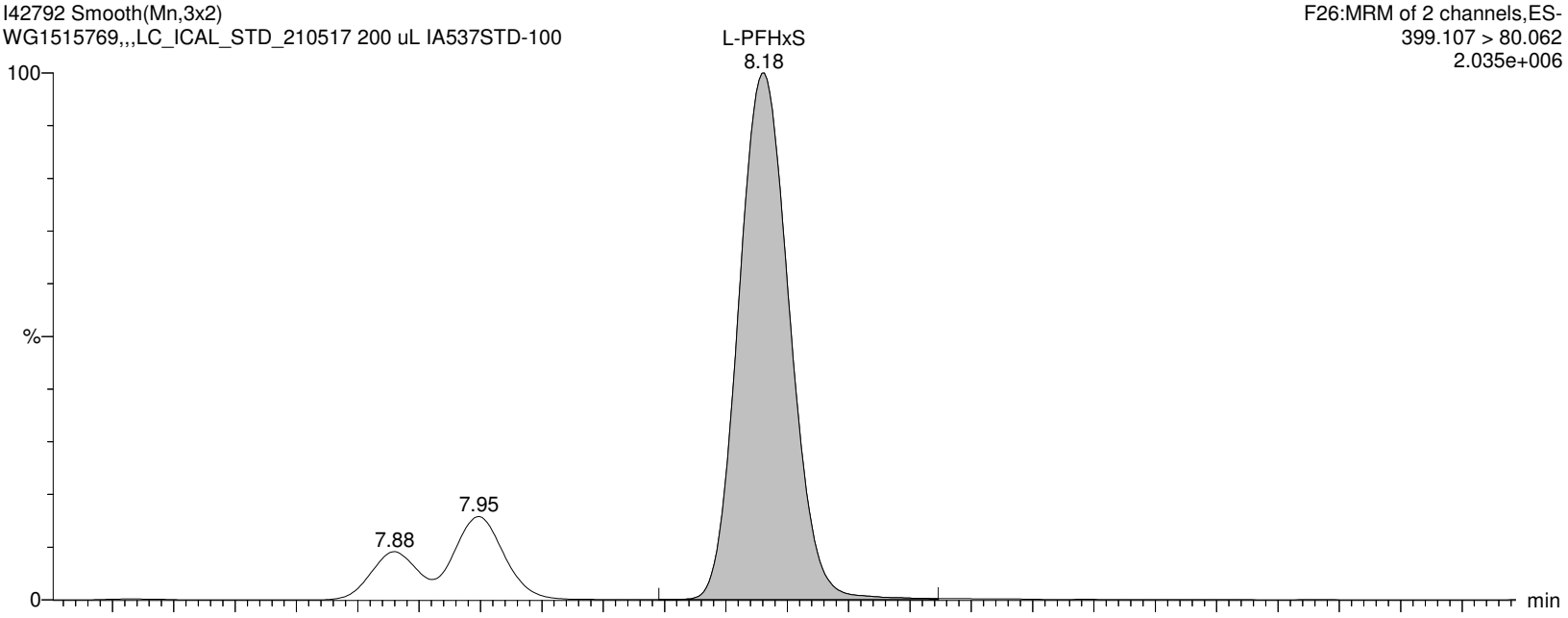


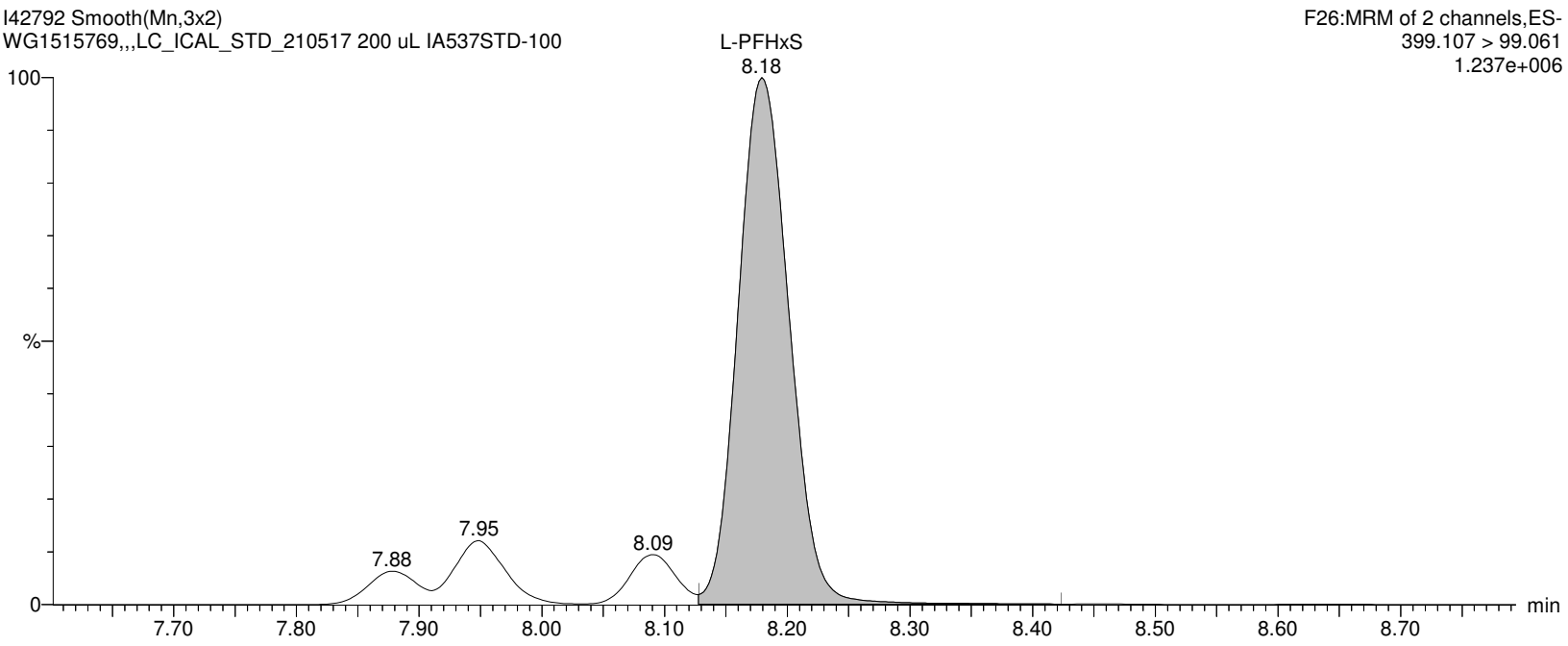
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFHxS



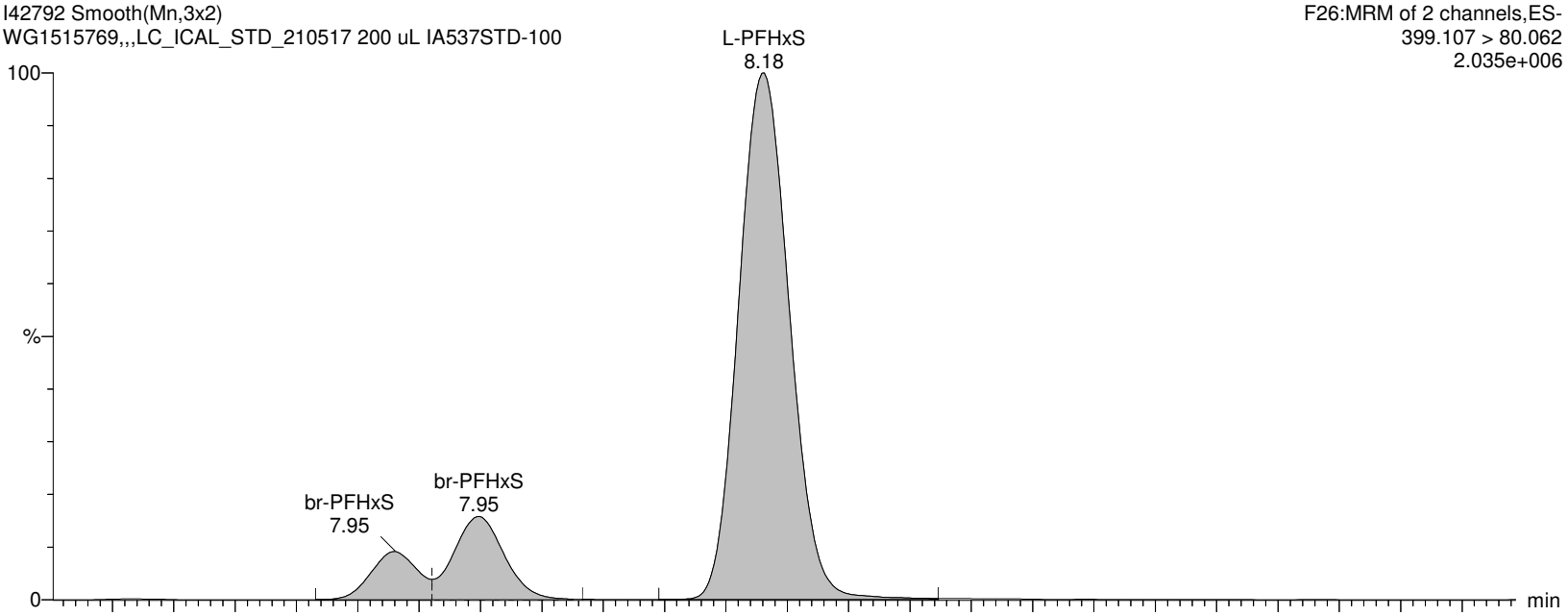


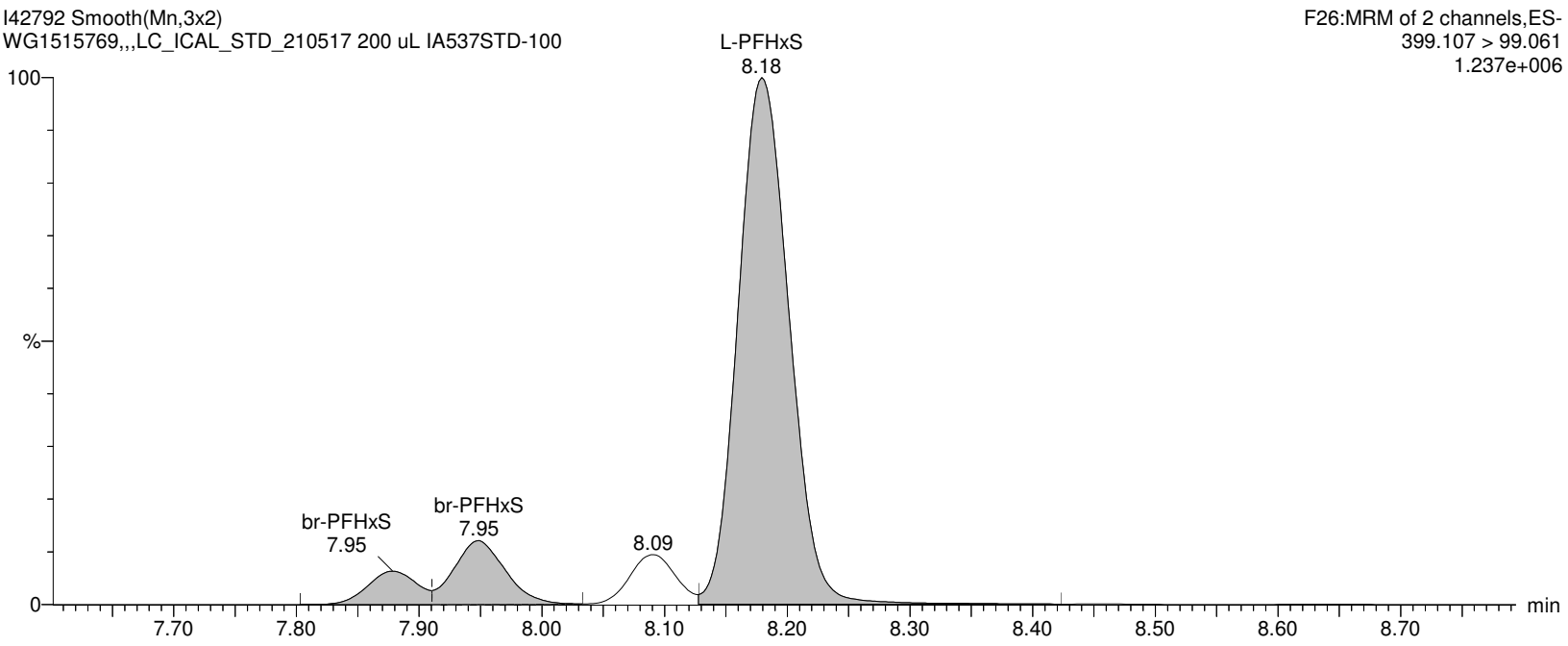
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxS



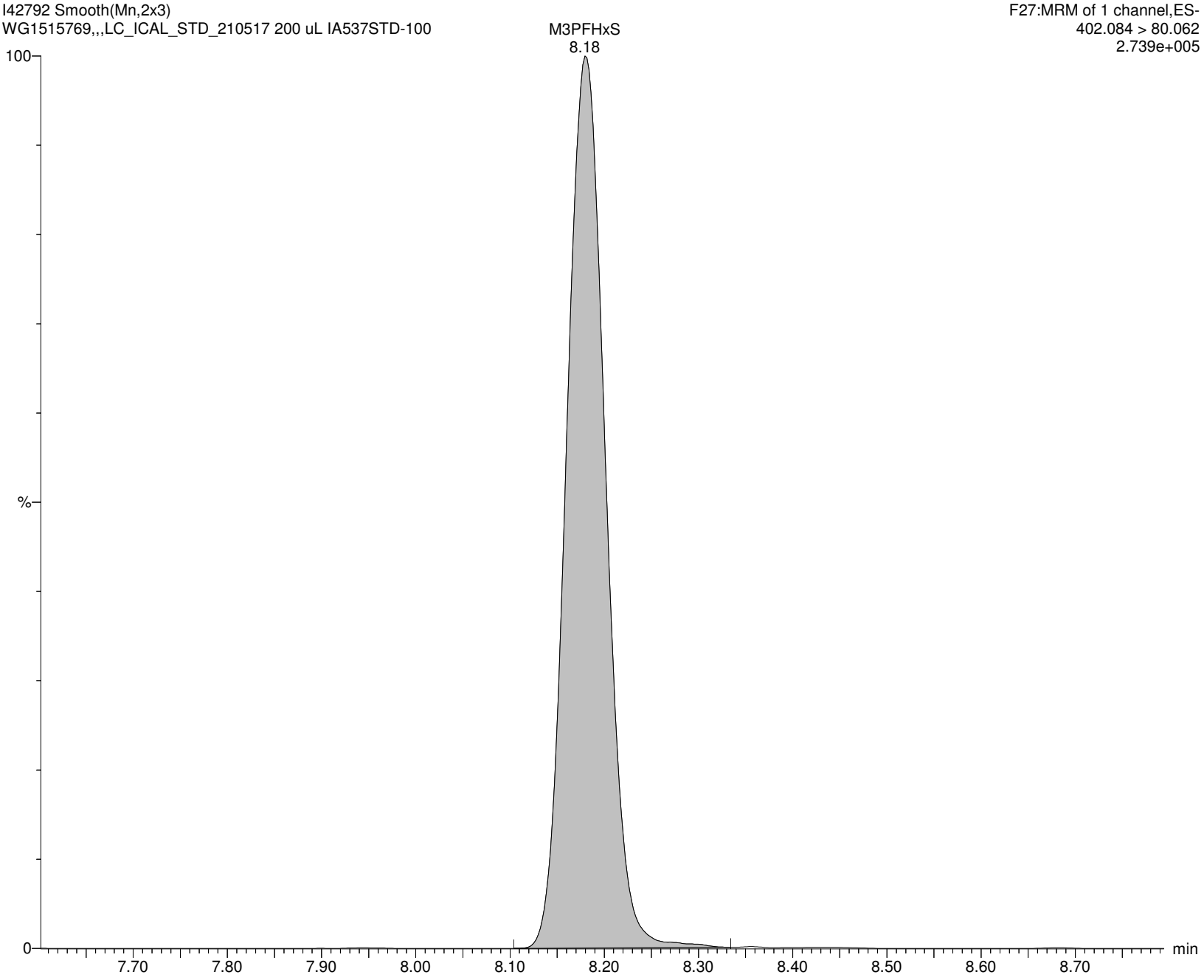


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFHxS

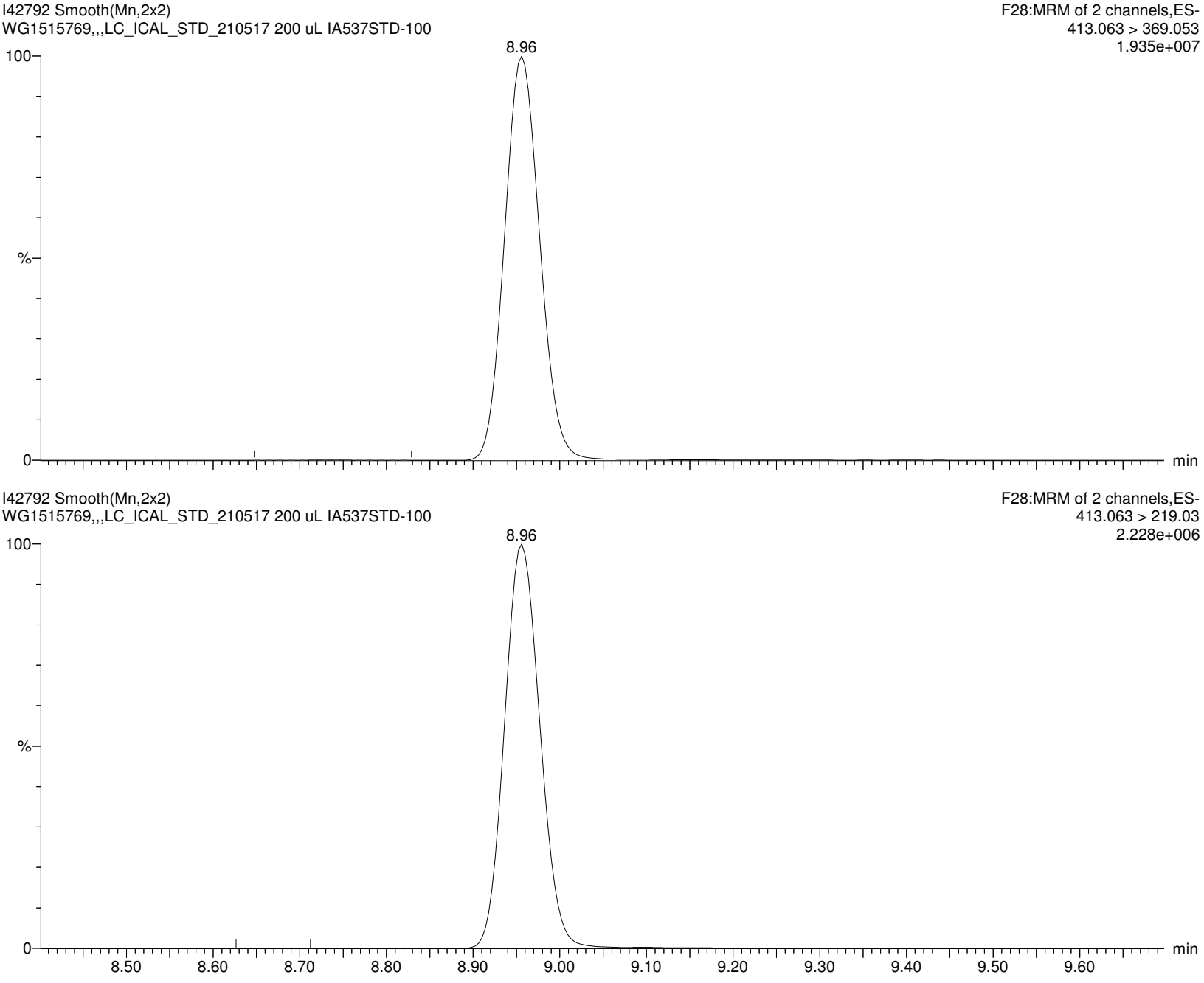


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOA

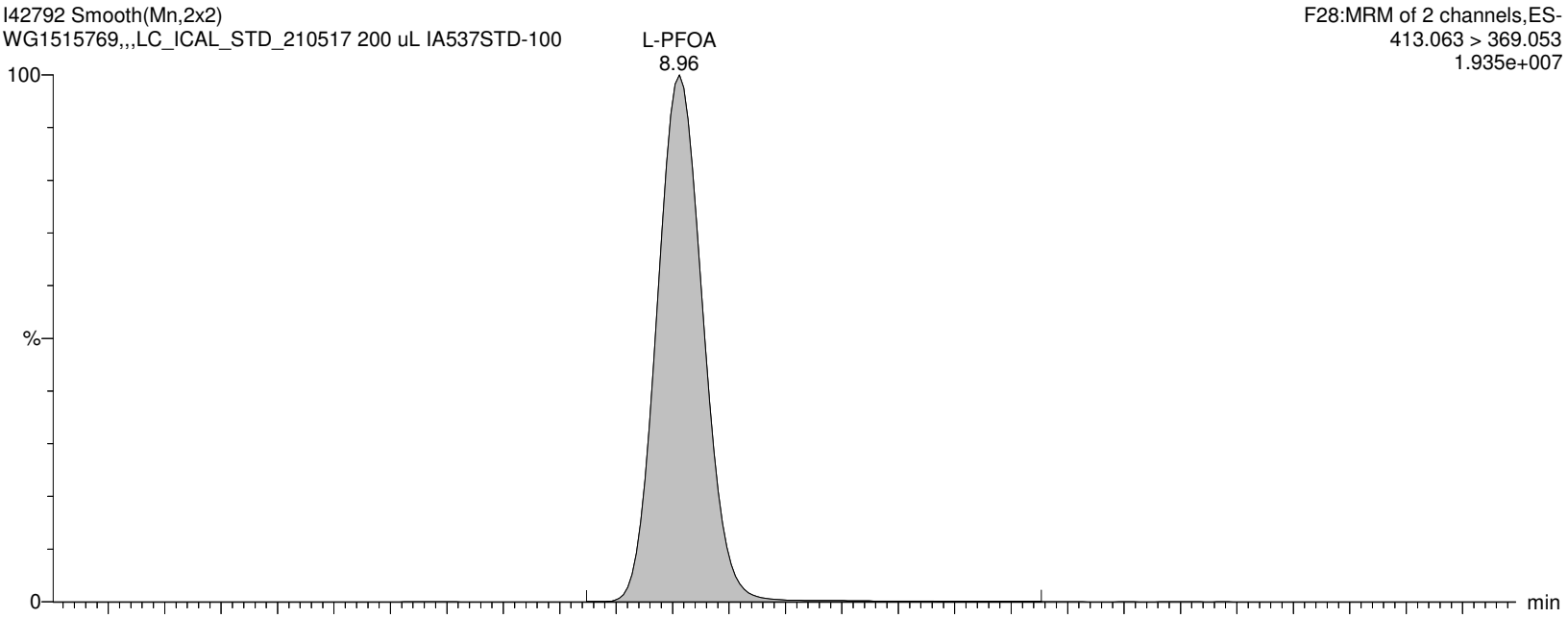


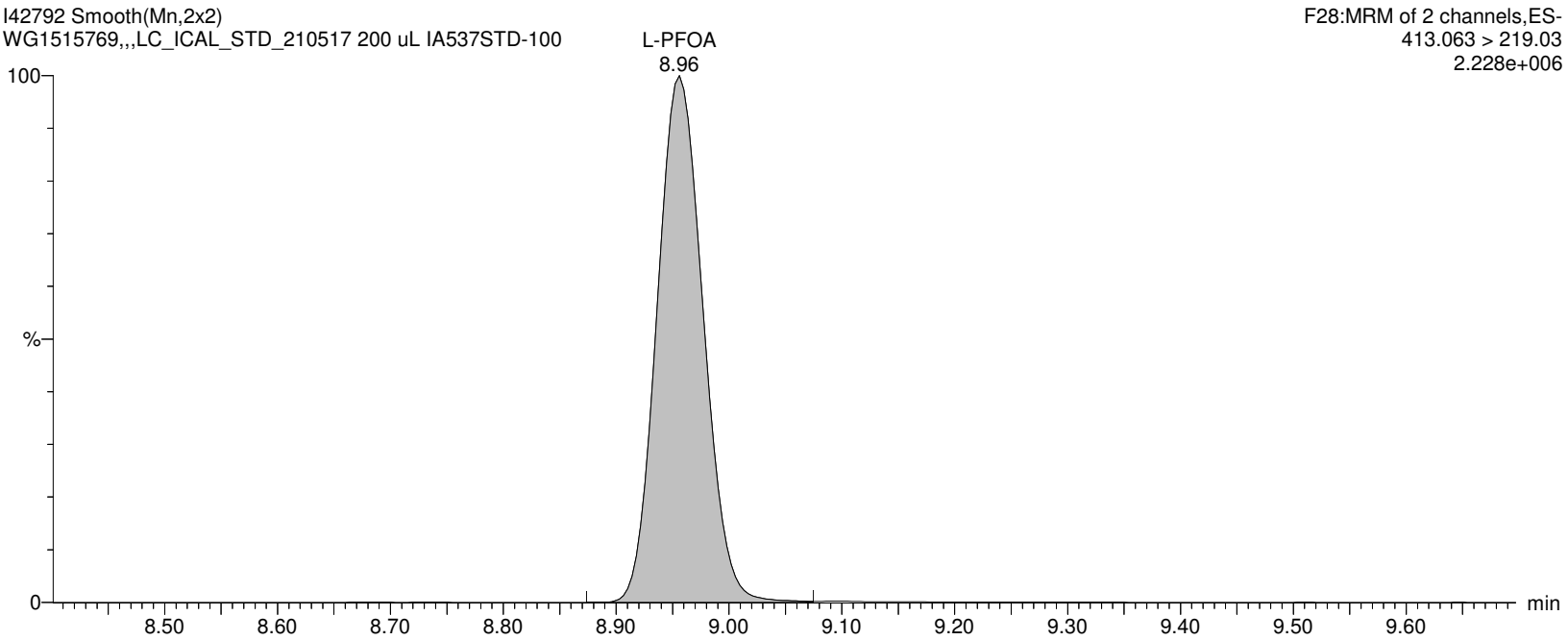
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOA



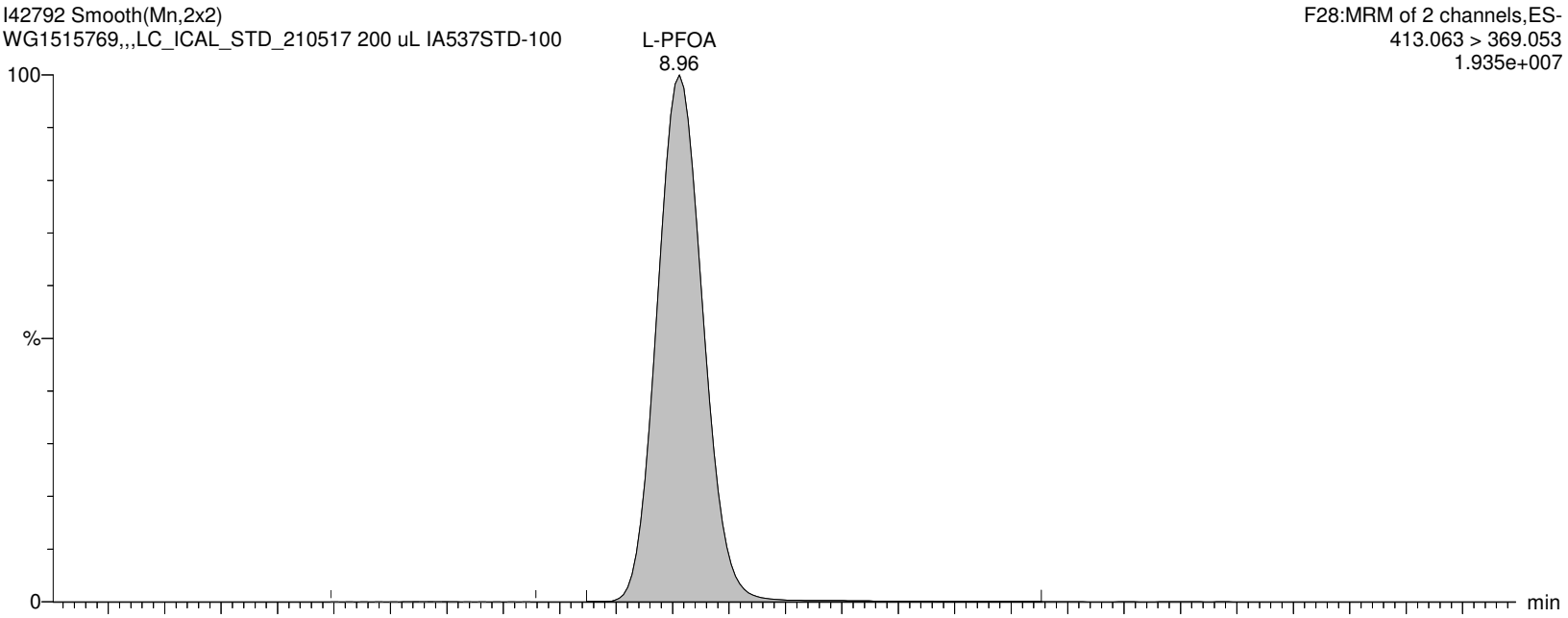


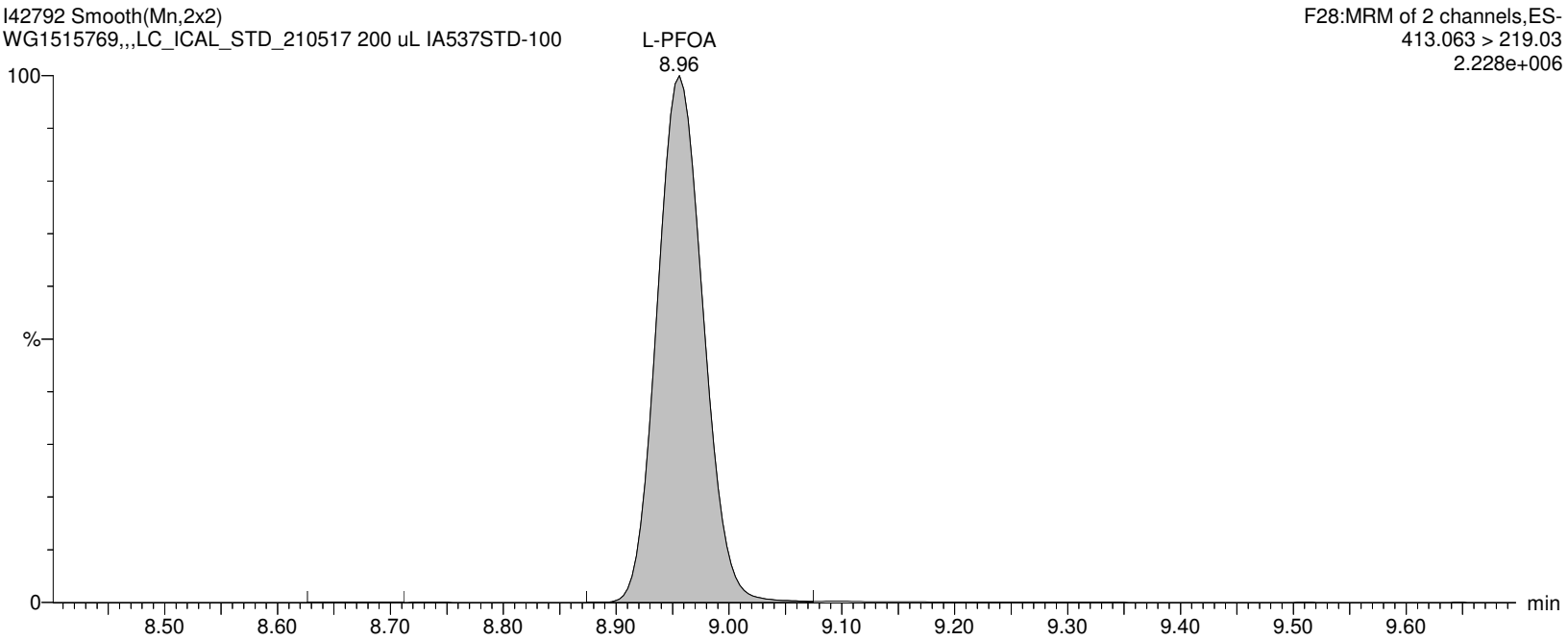
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOA



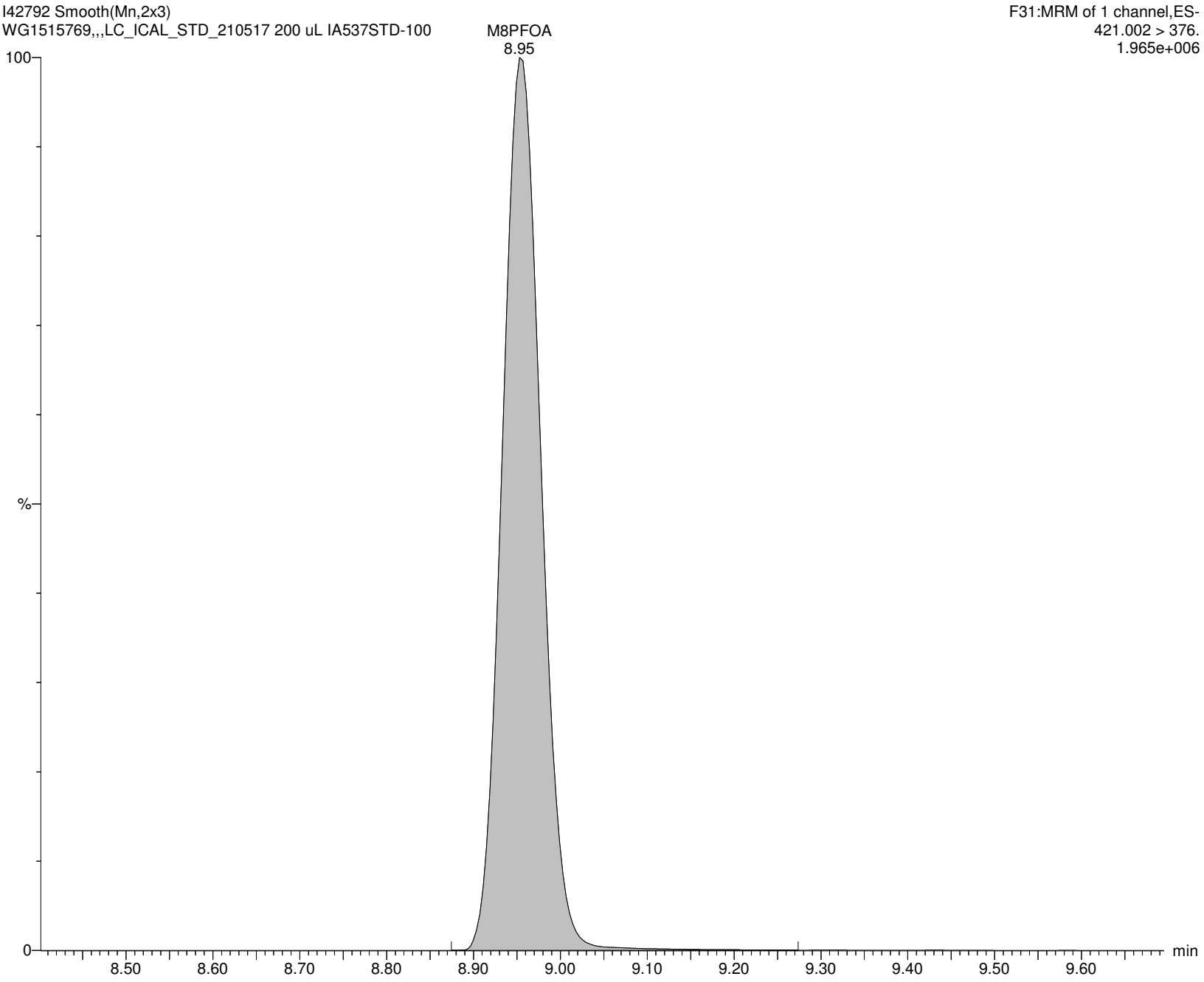


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOA

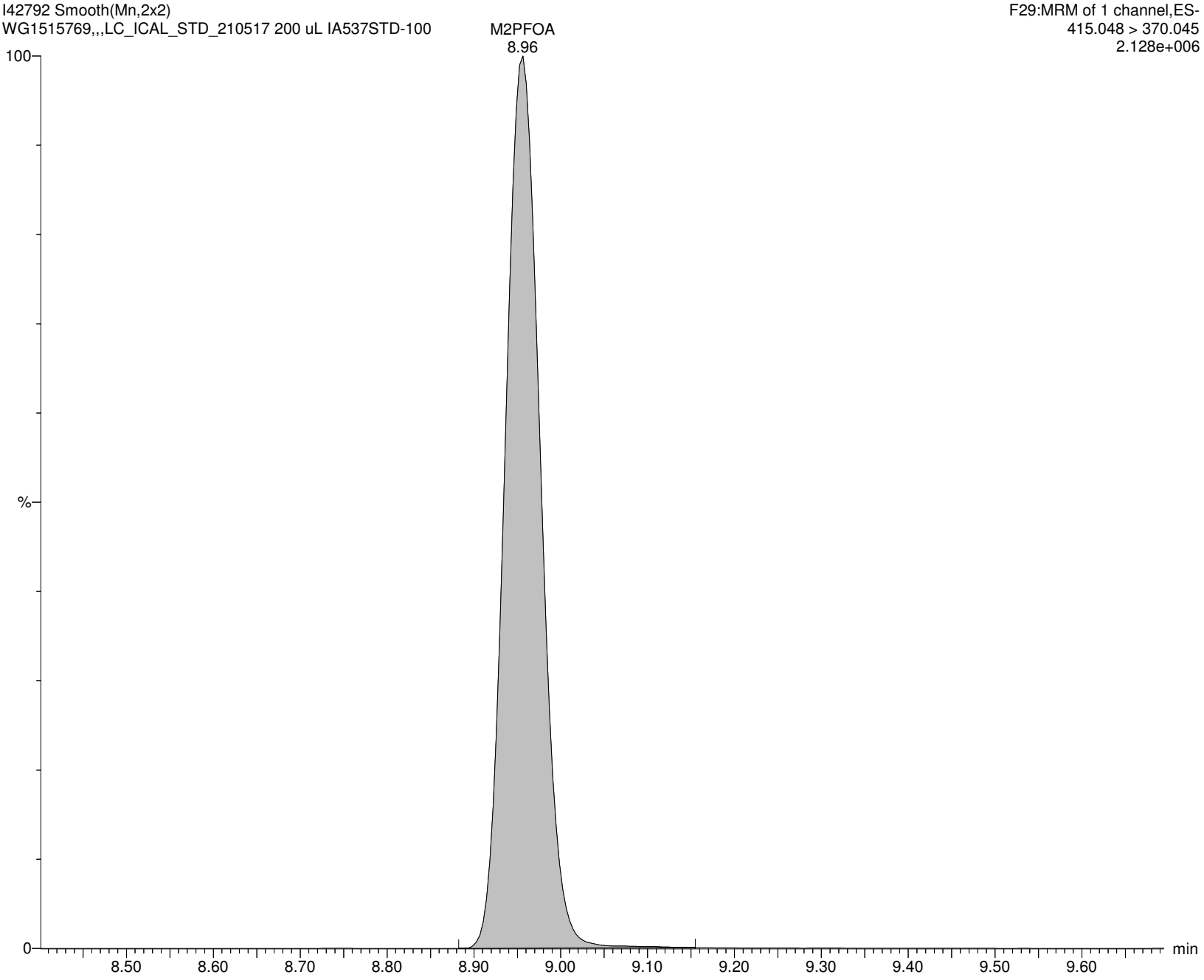


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFOA

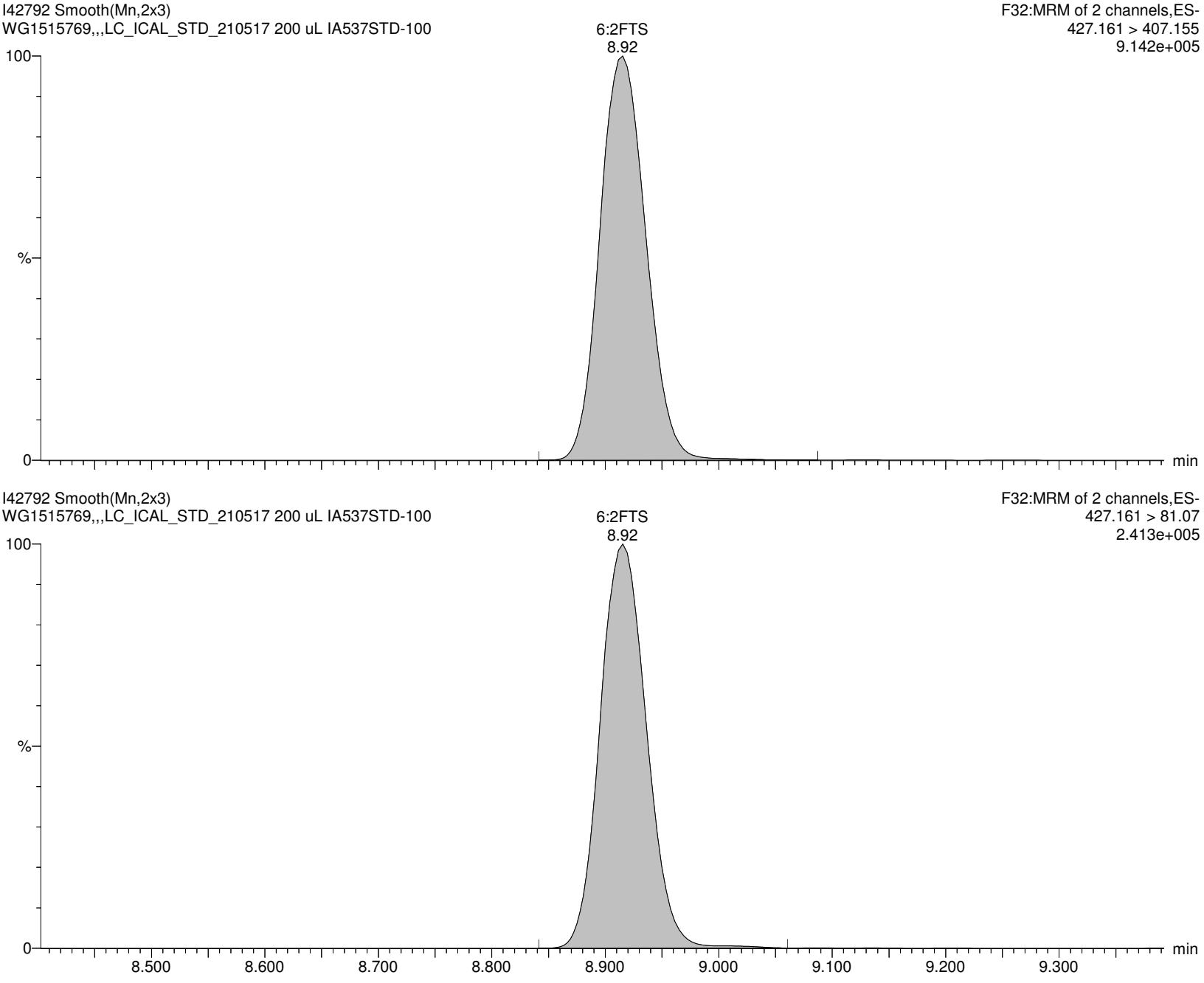


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

6:2FTS

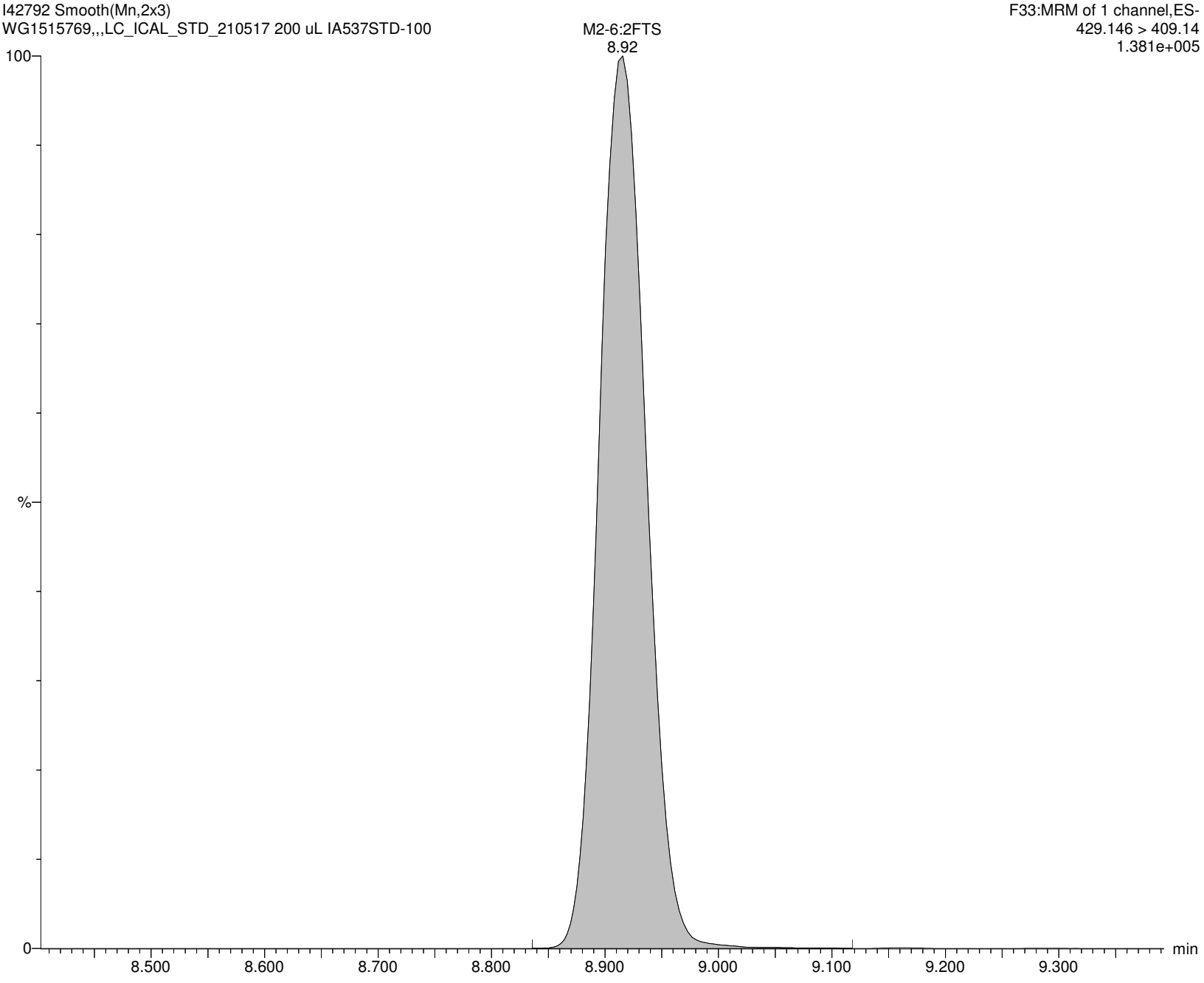


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-6:2FTS

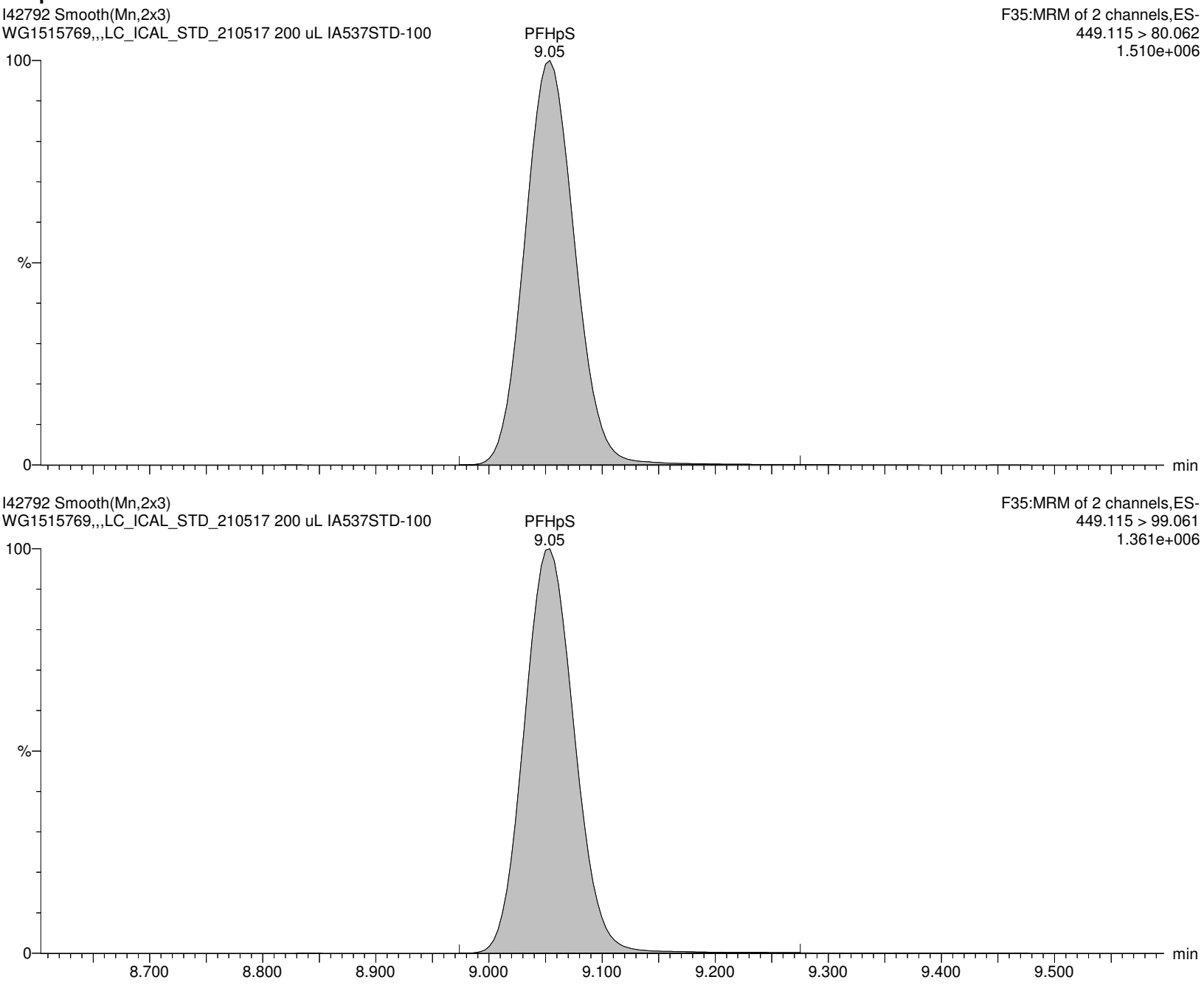


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpS

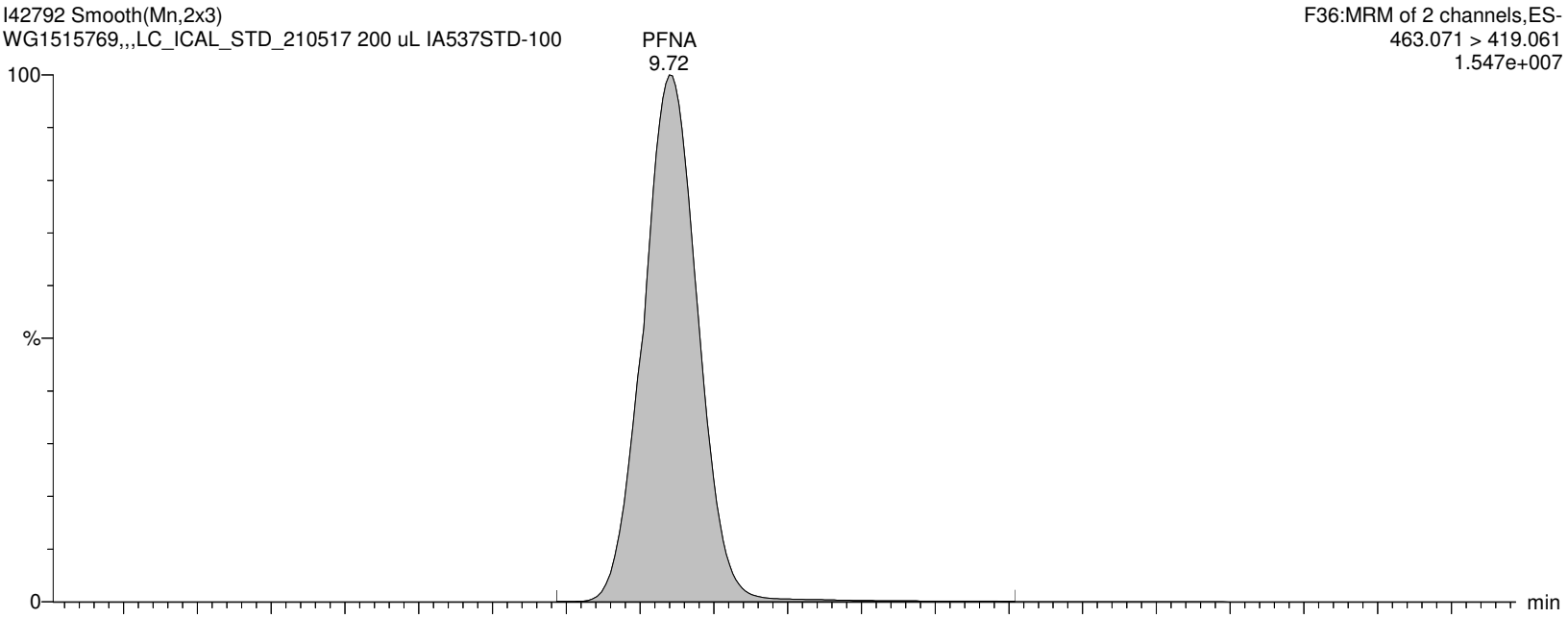


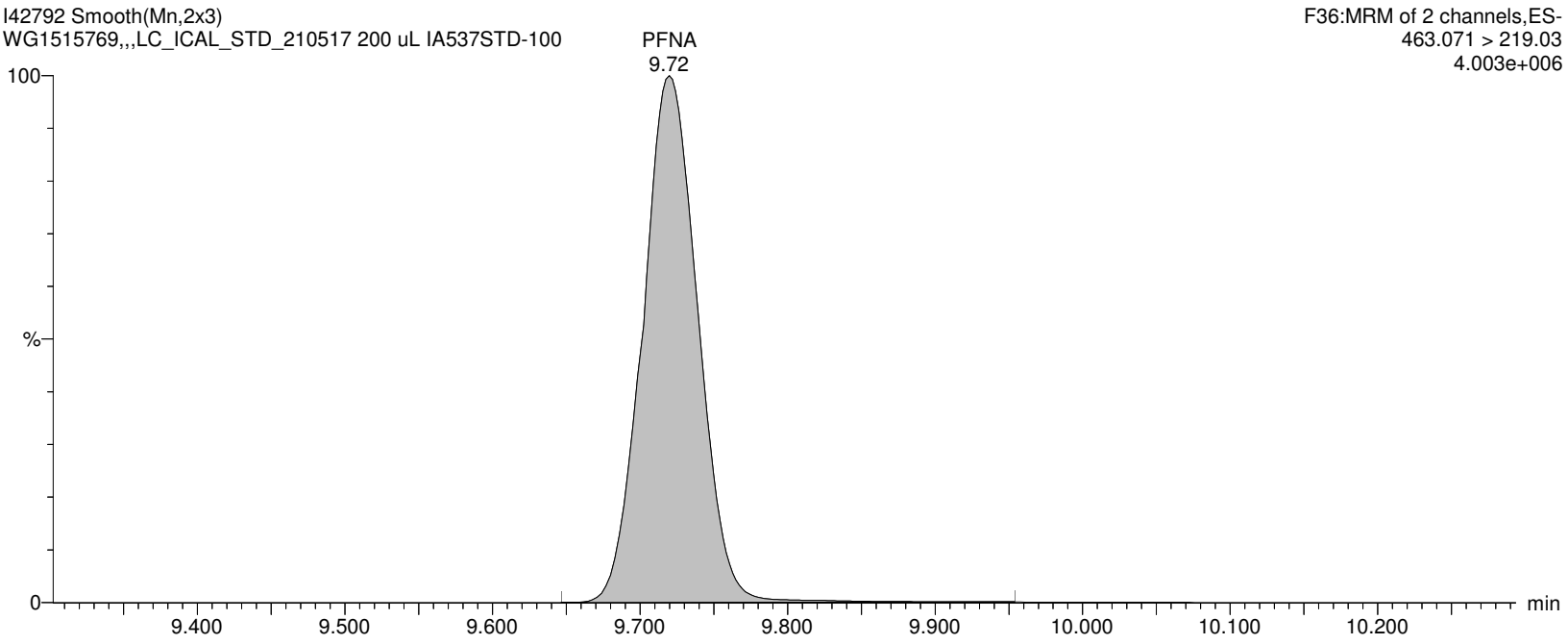
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNA



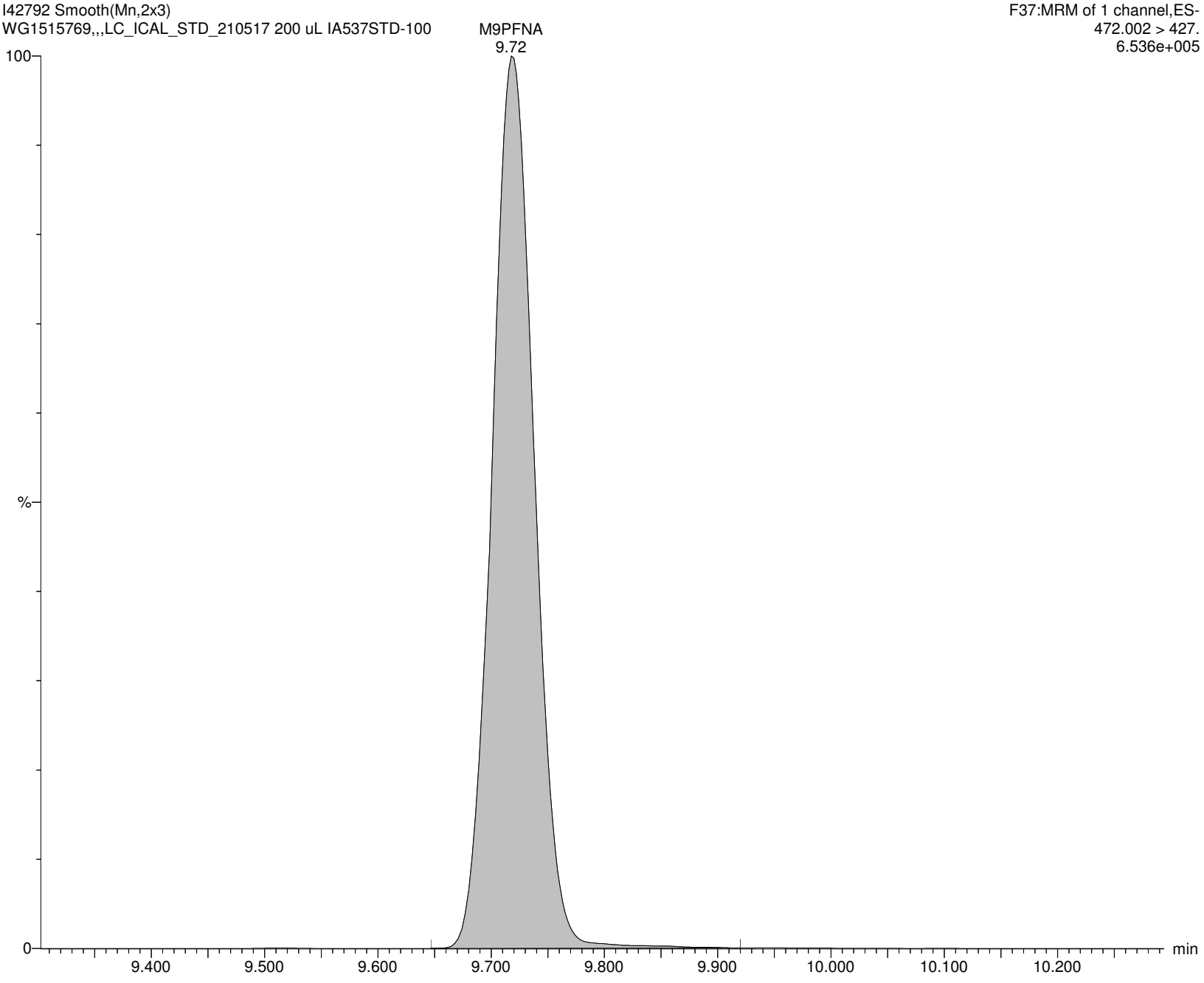


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M9PFNA

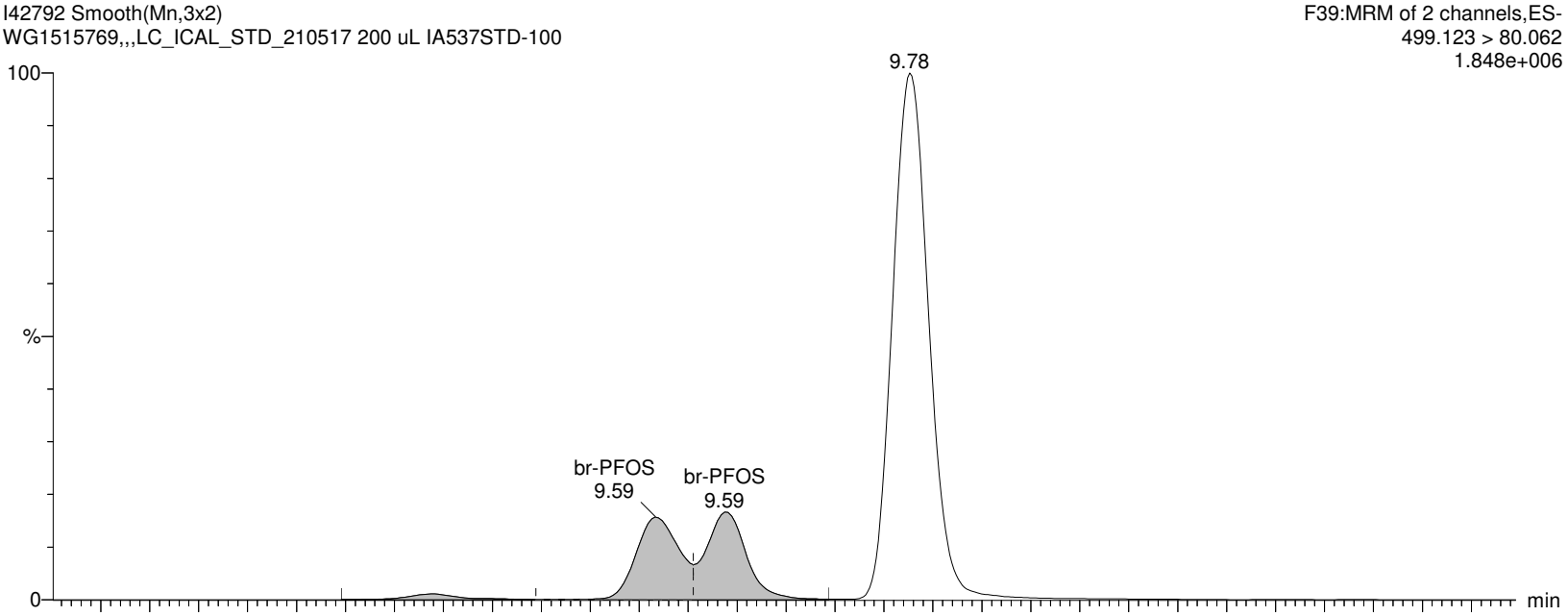


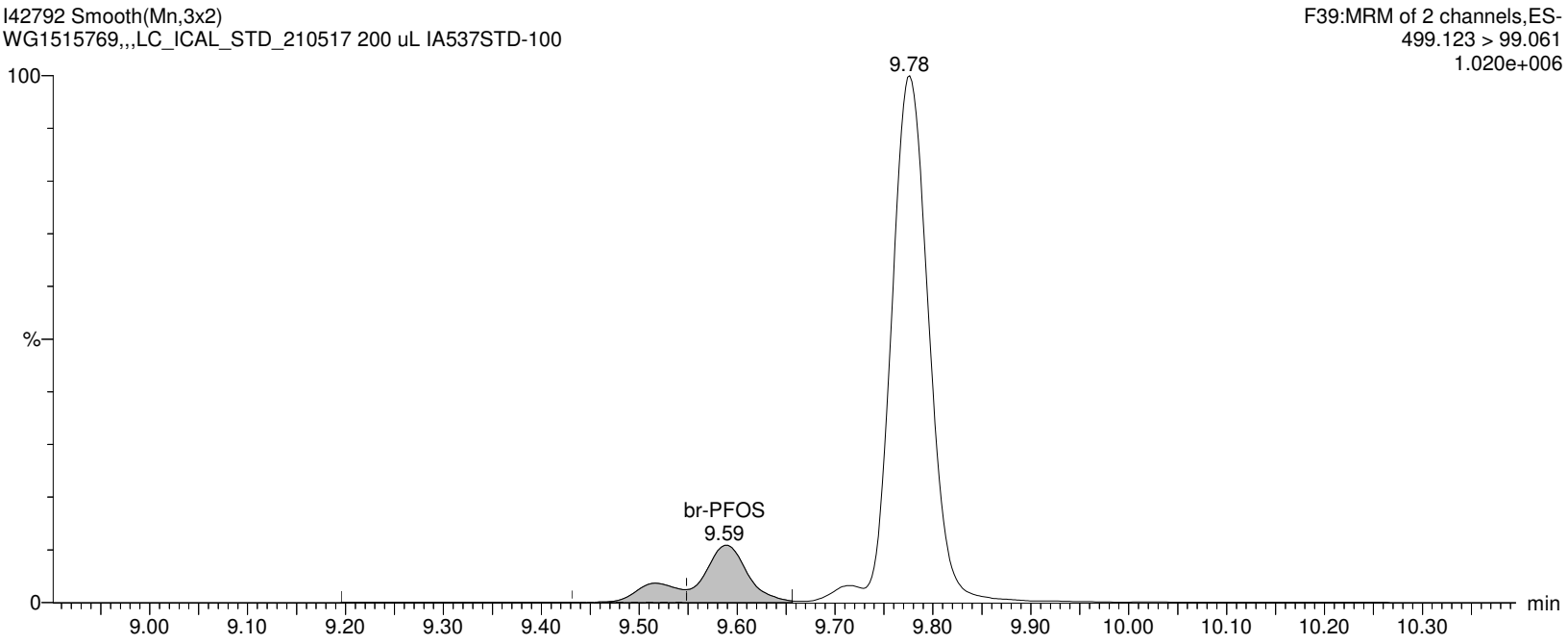
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOS



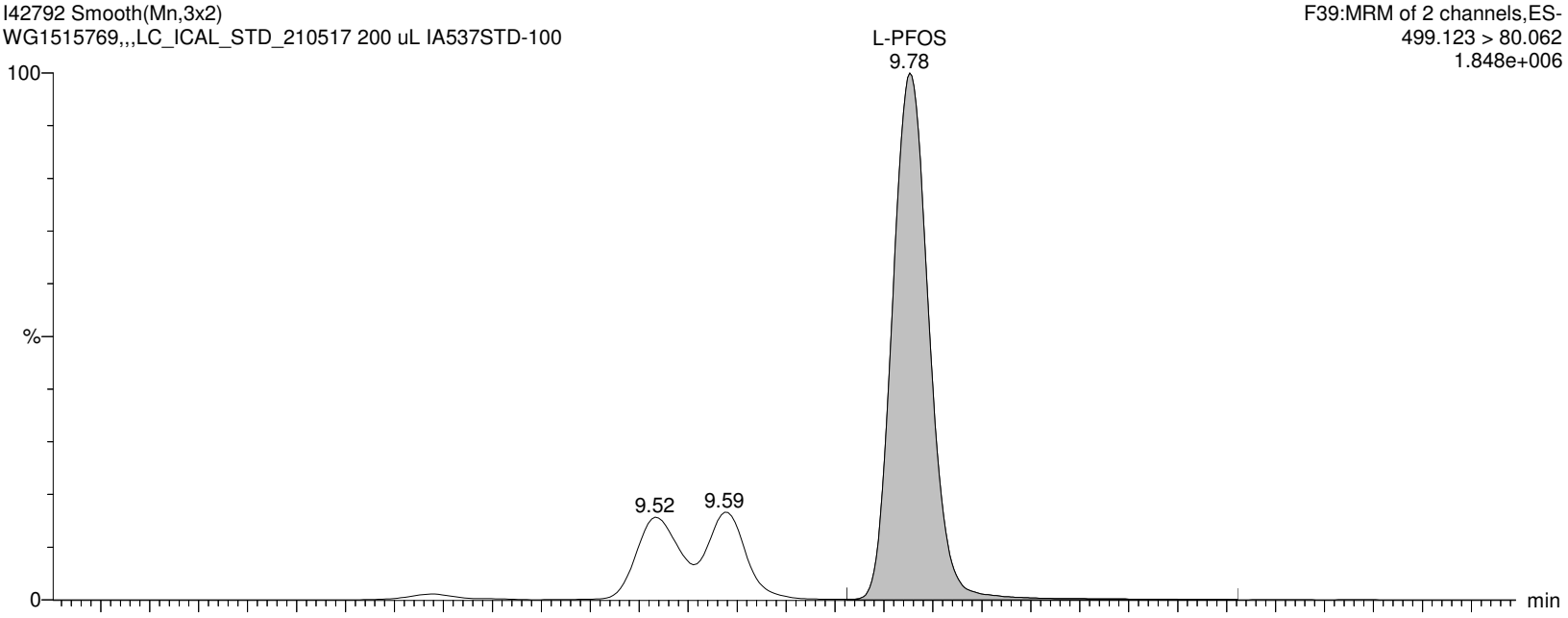


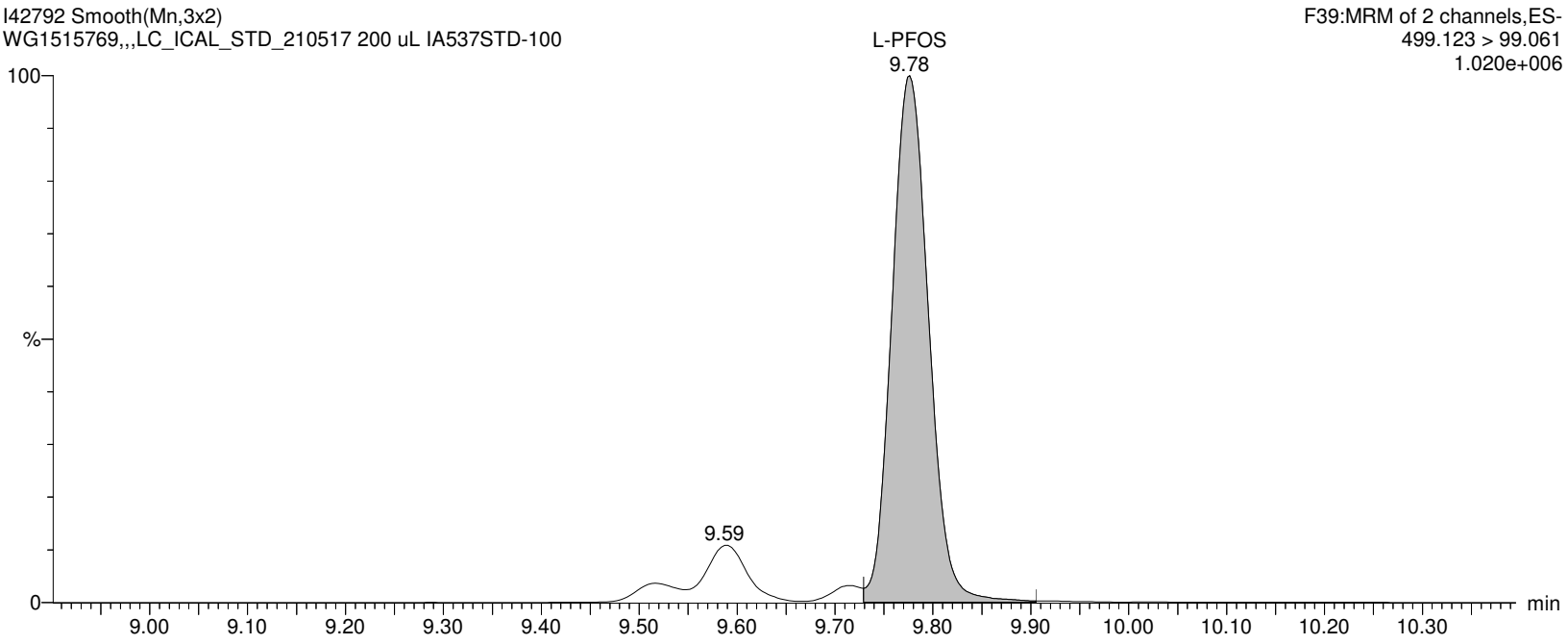
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOS



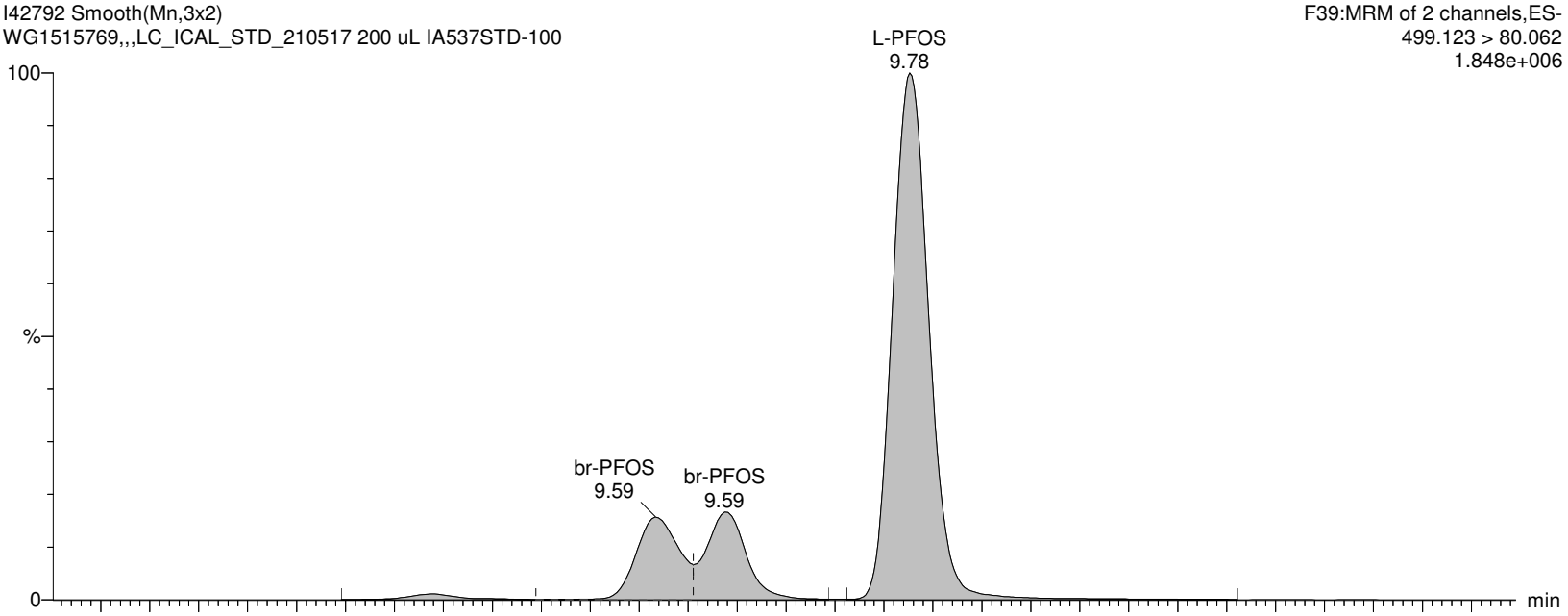


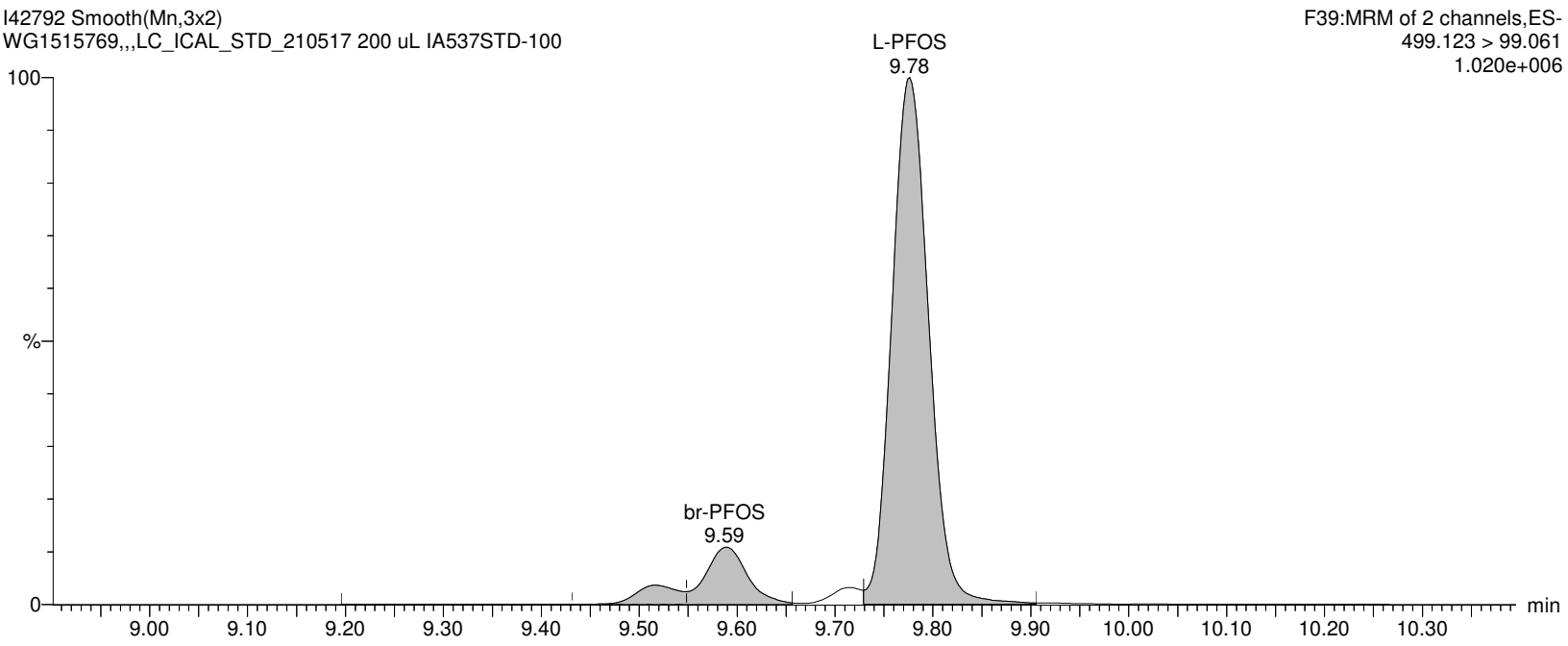
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOS



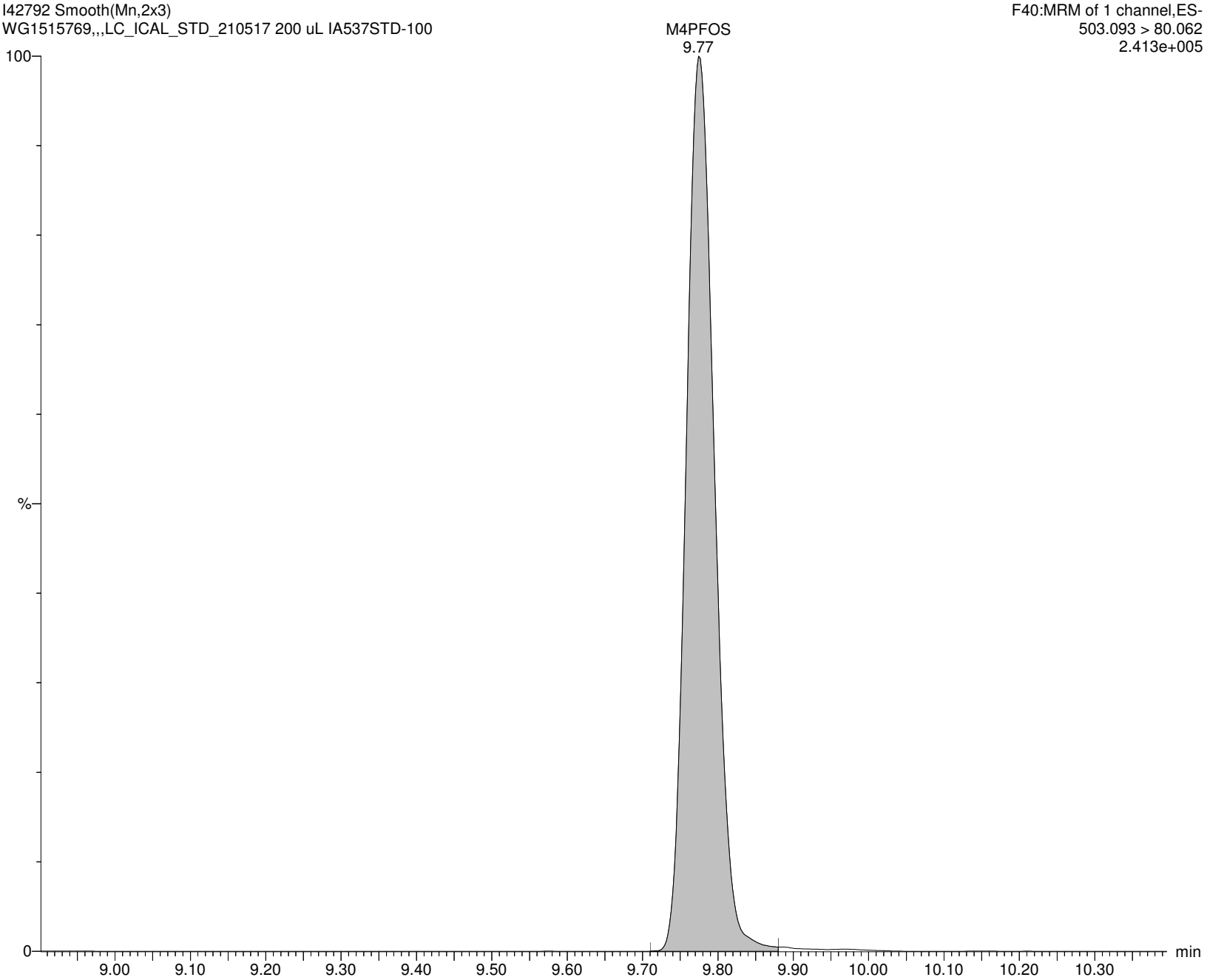


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOS

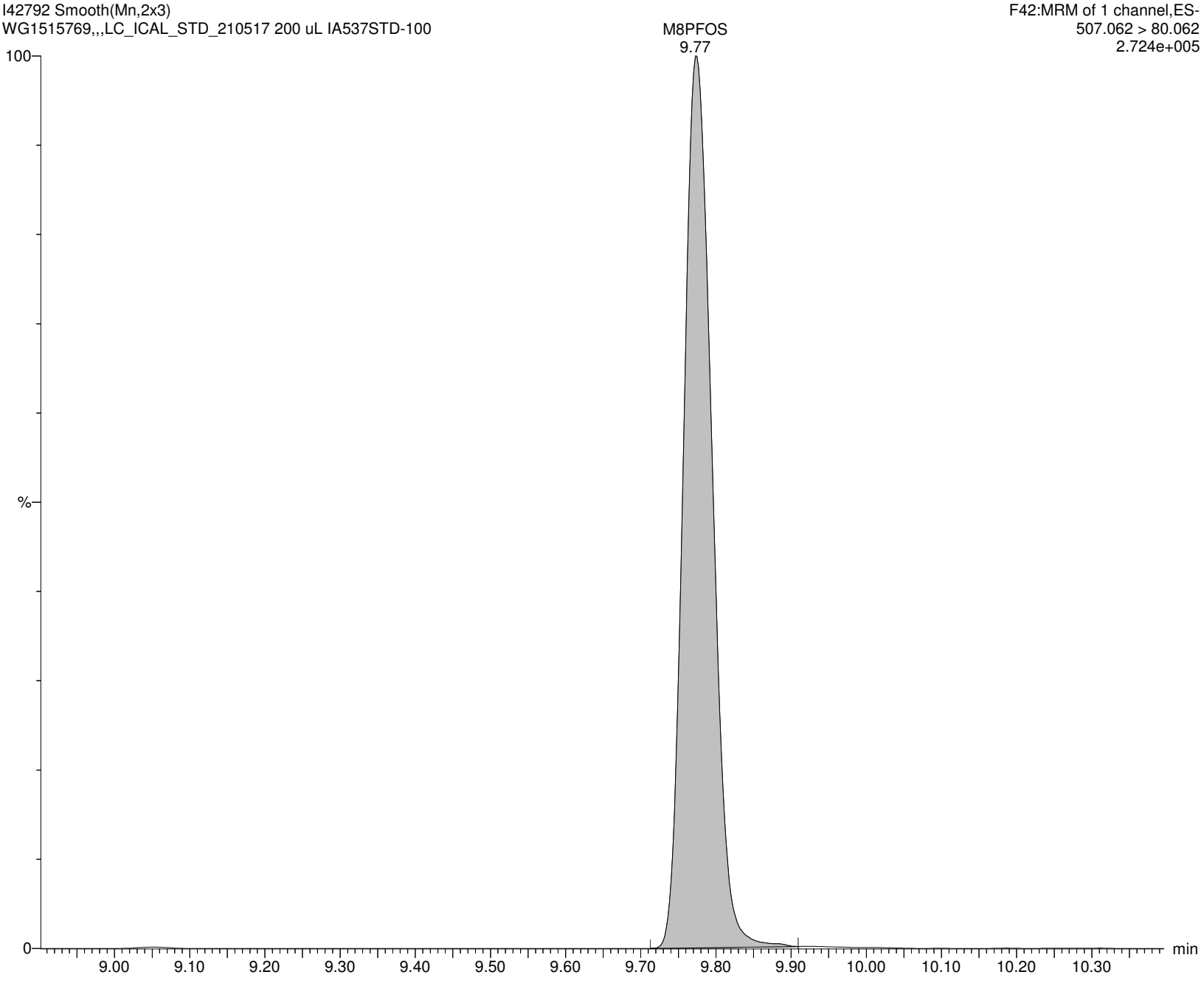


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOS

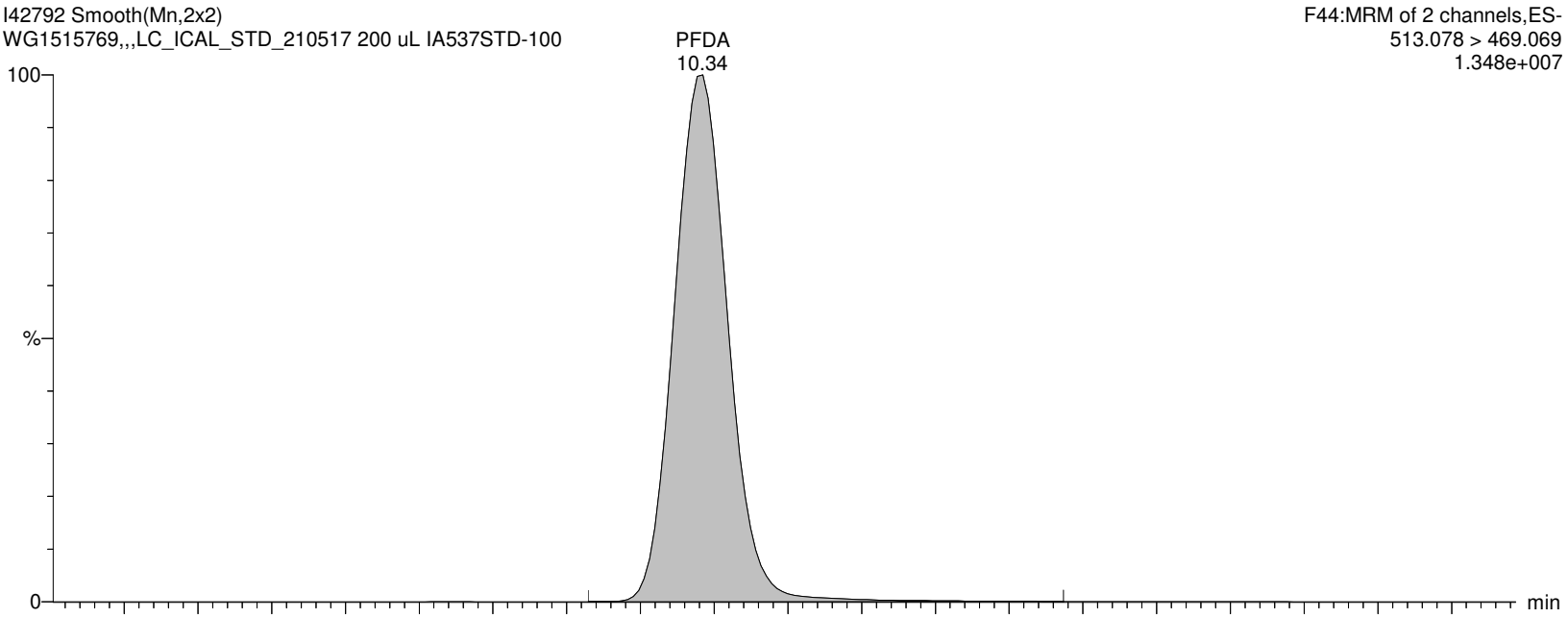


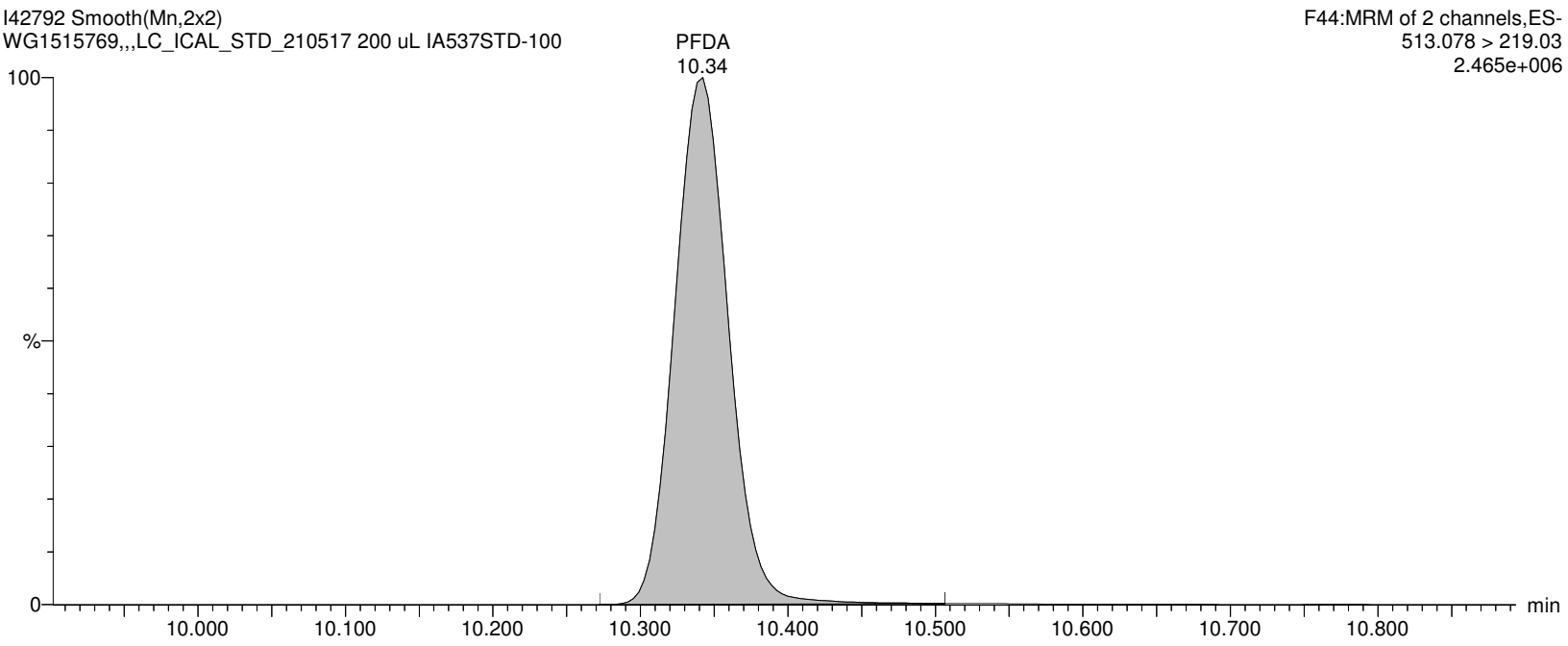
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDA



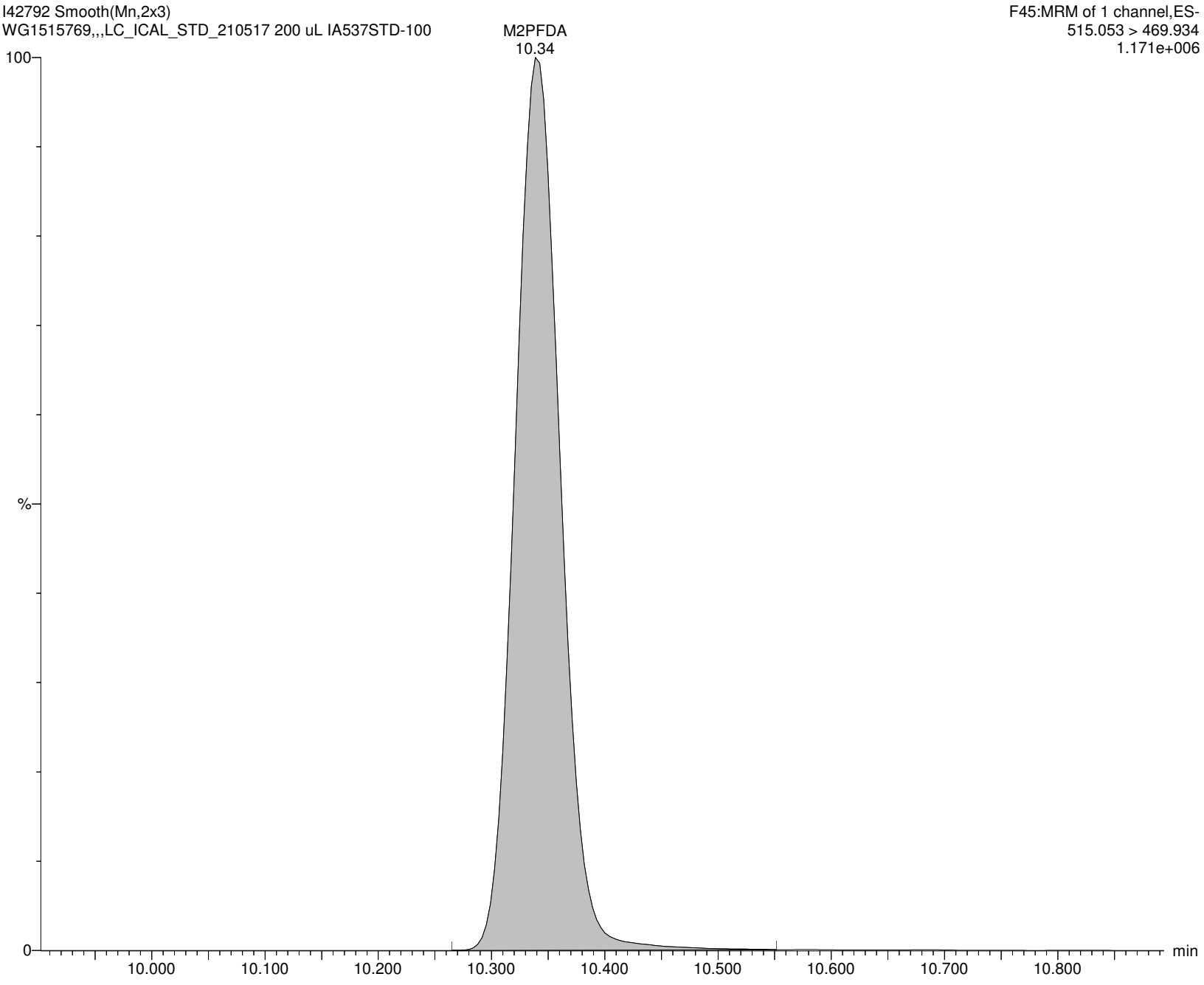


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFDA

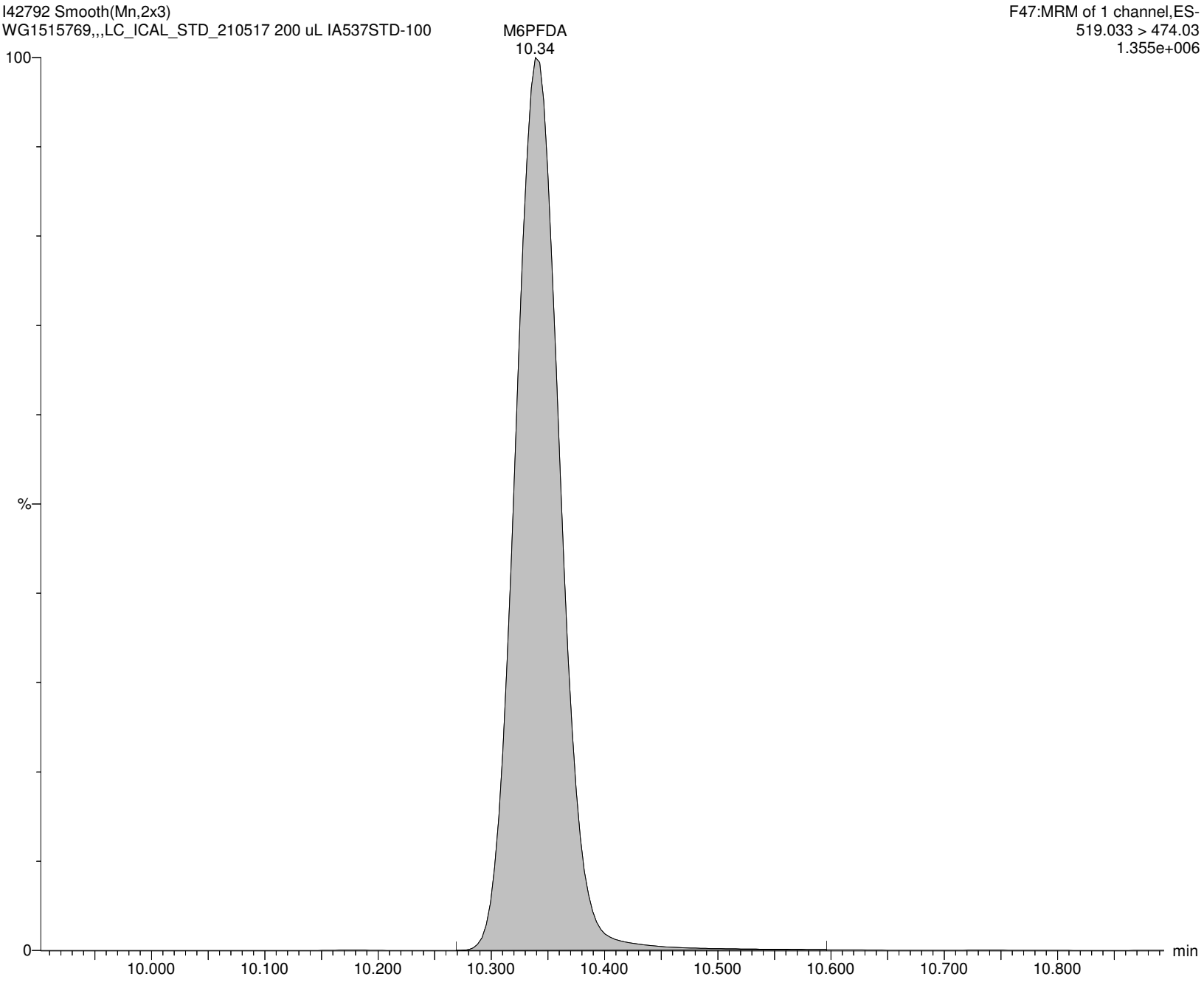


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M6PFDA

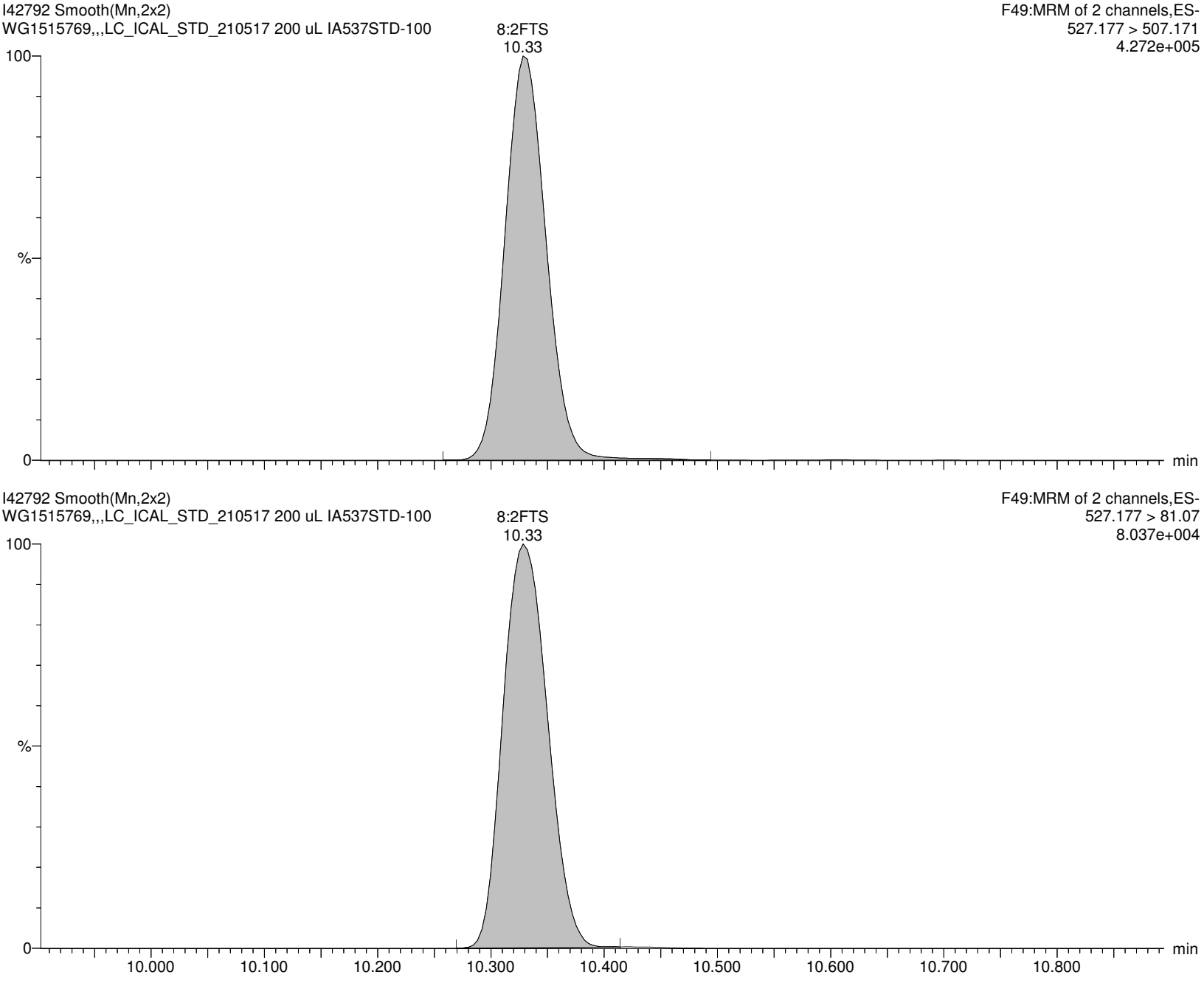


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

8:2FTS

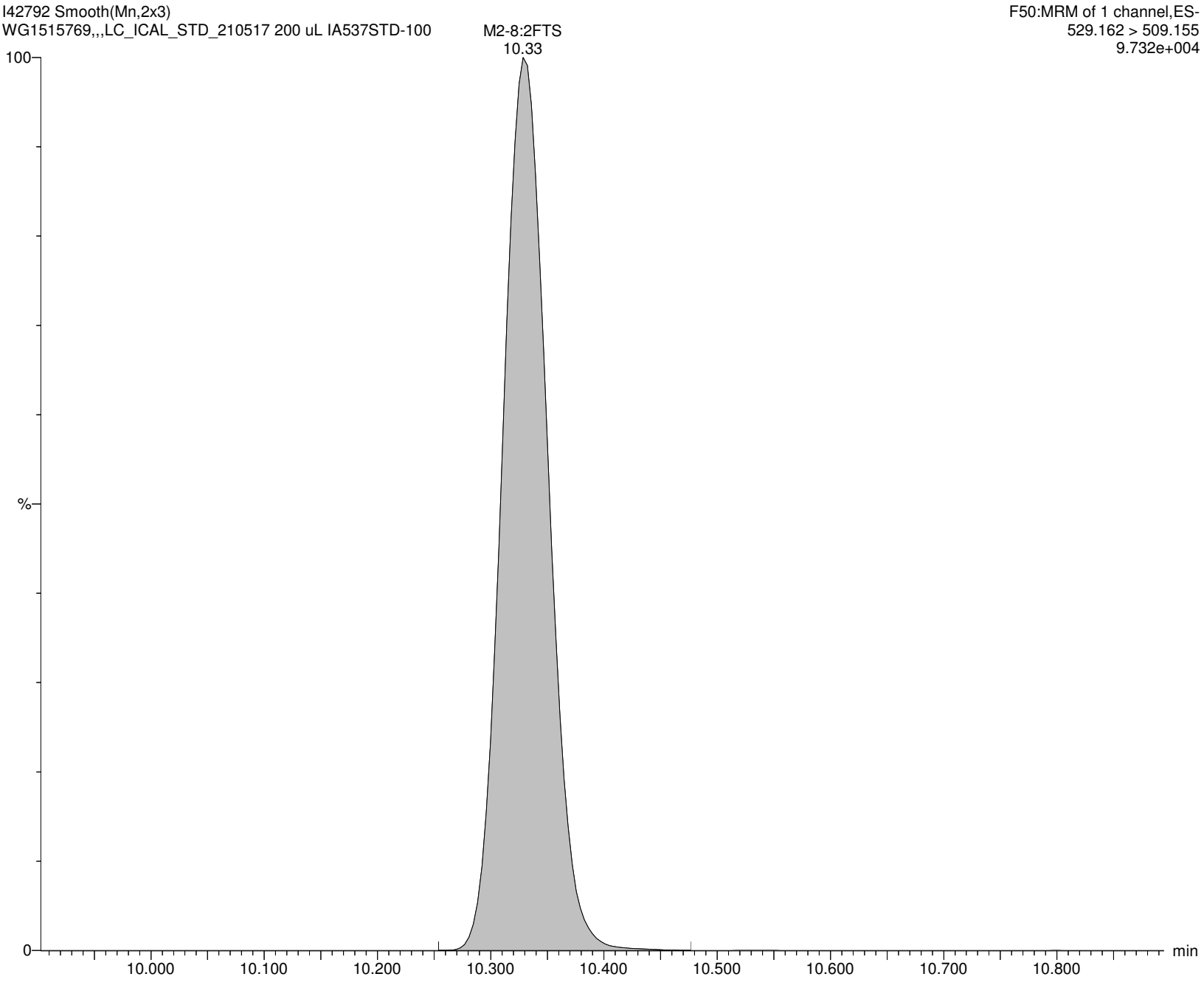


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-8:2FTS

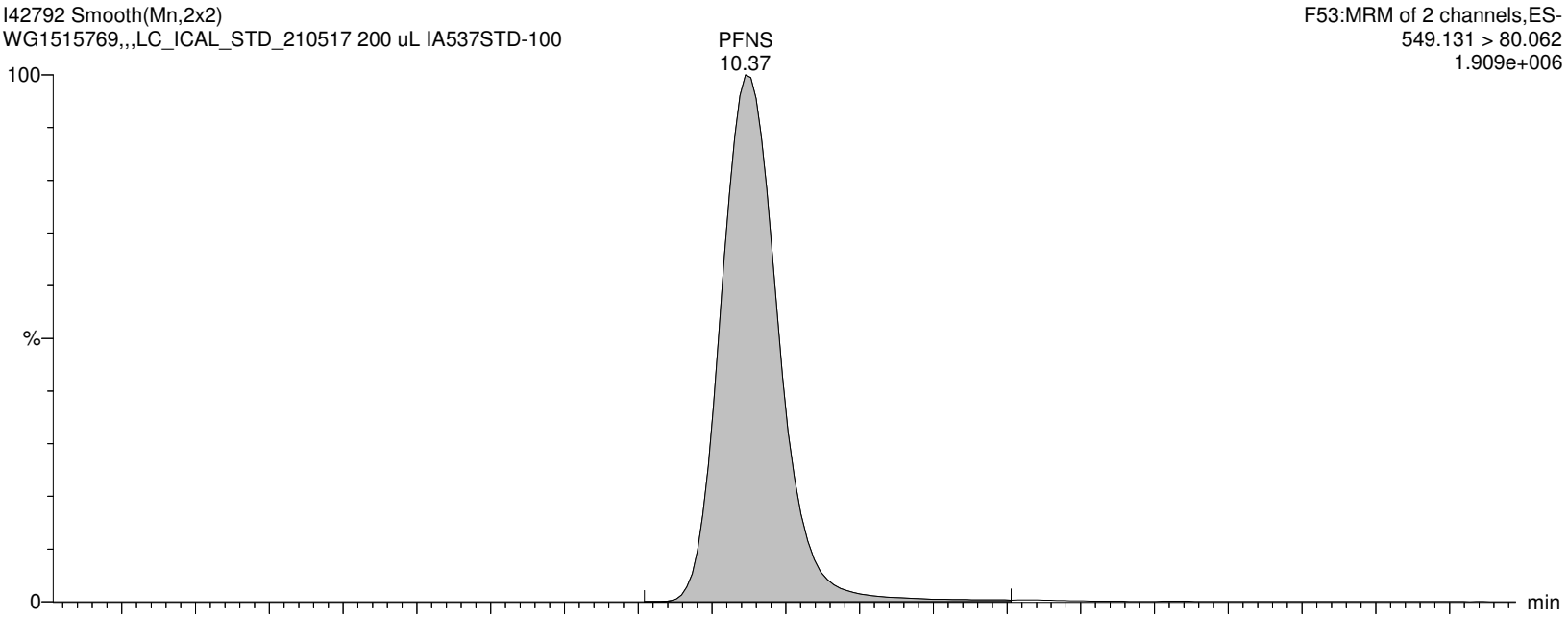


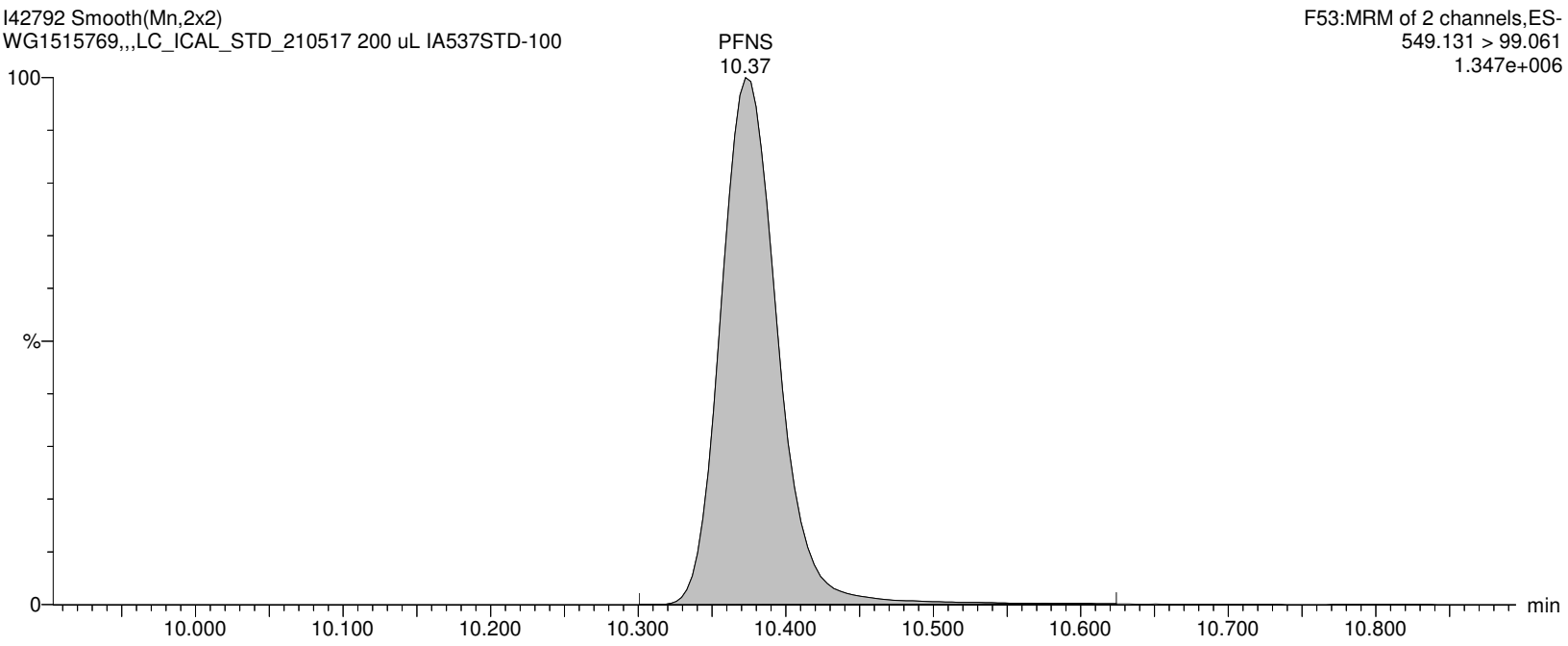
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNS



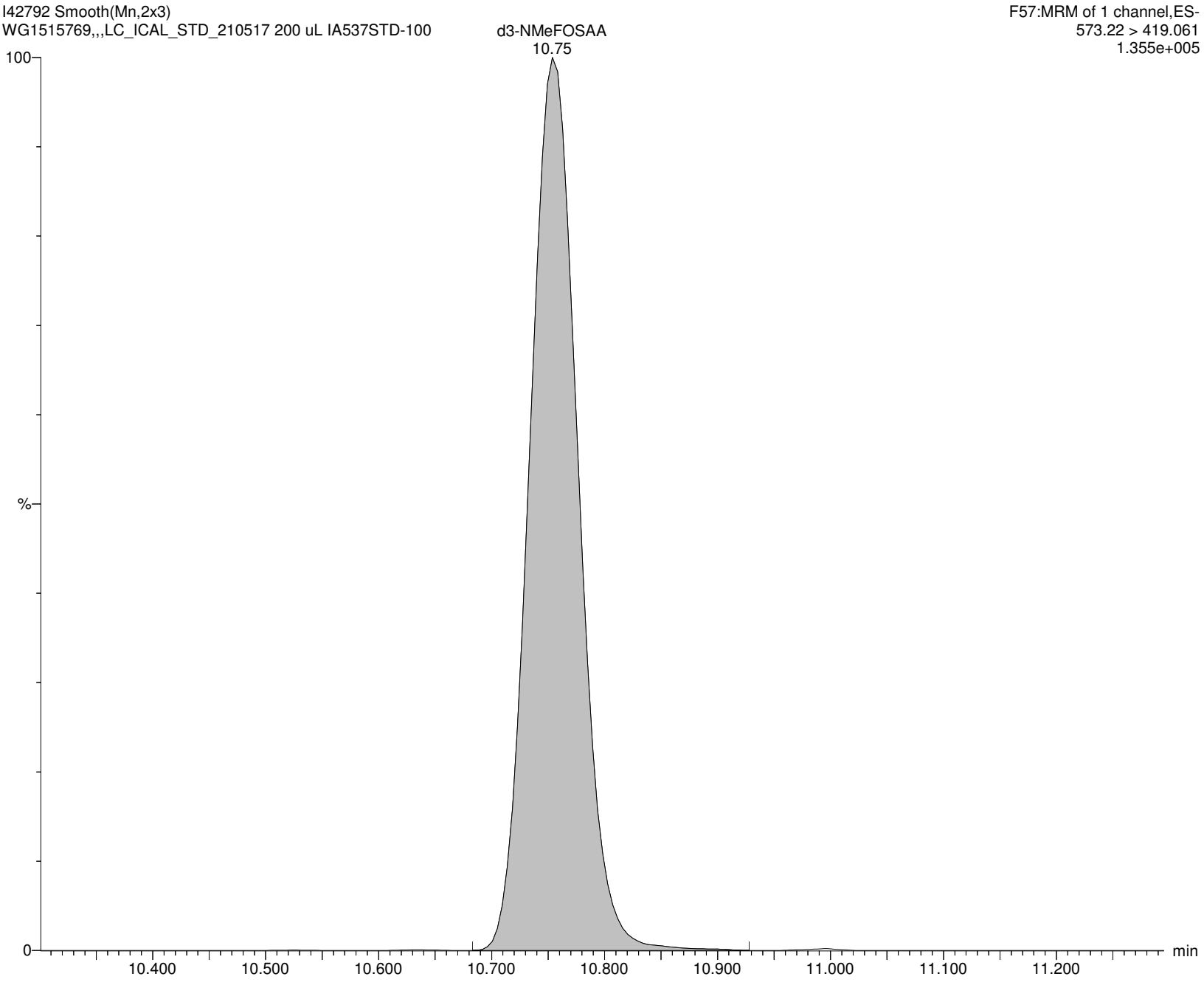


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSAA

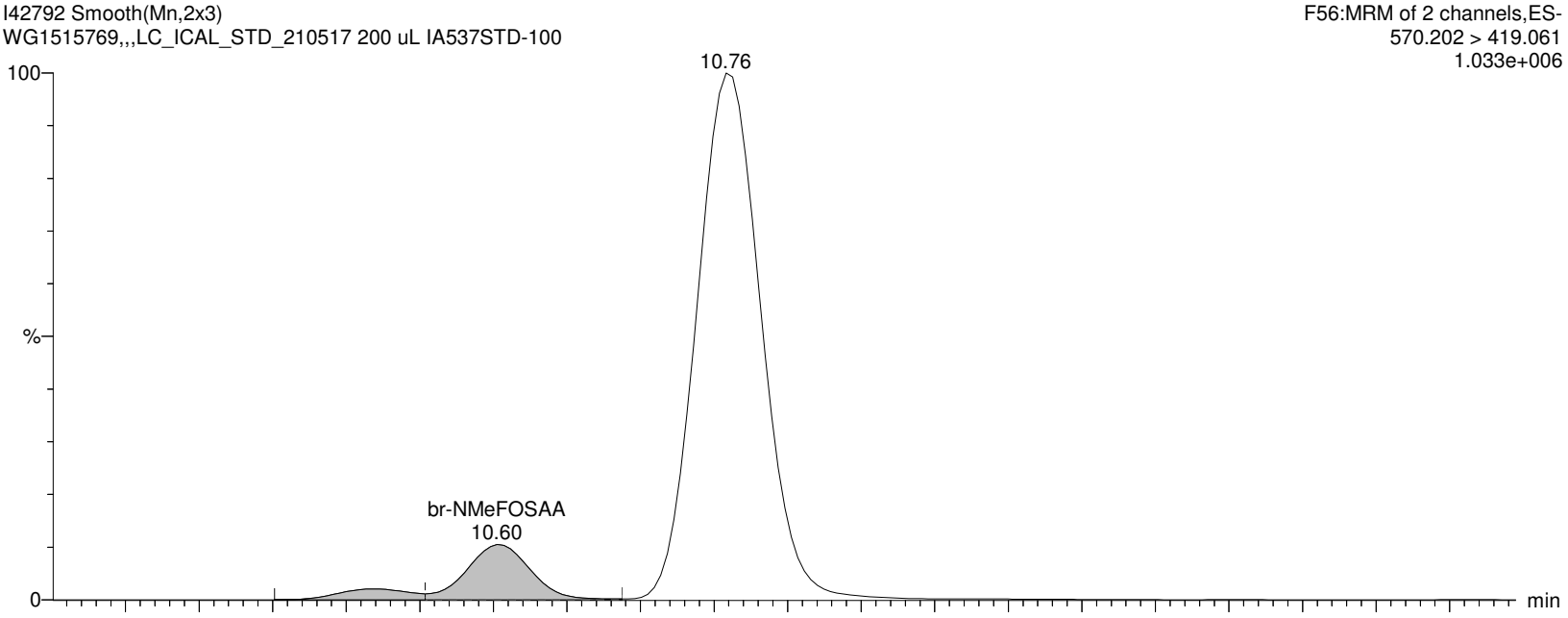


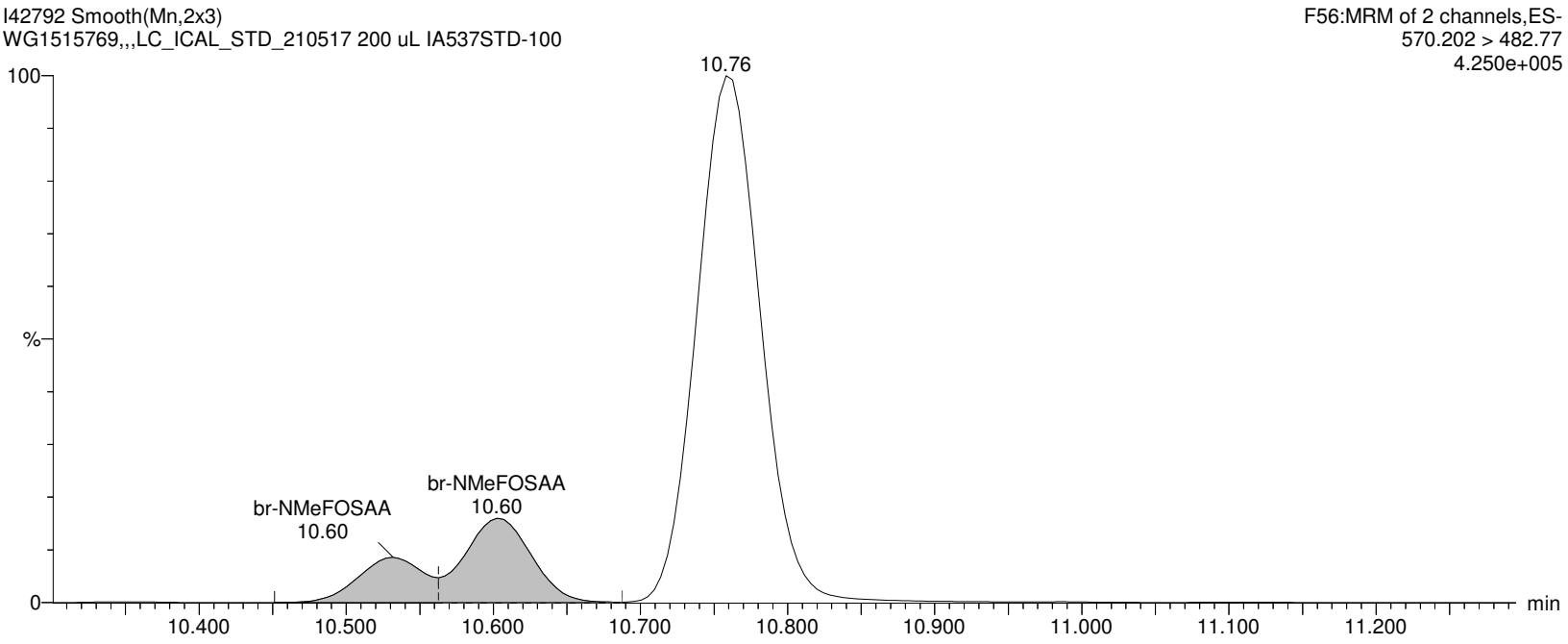
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NMeFOSAA



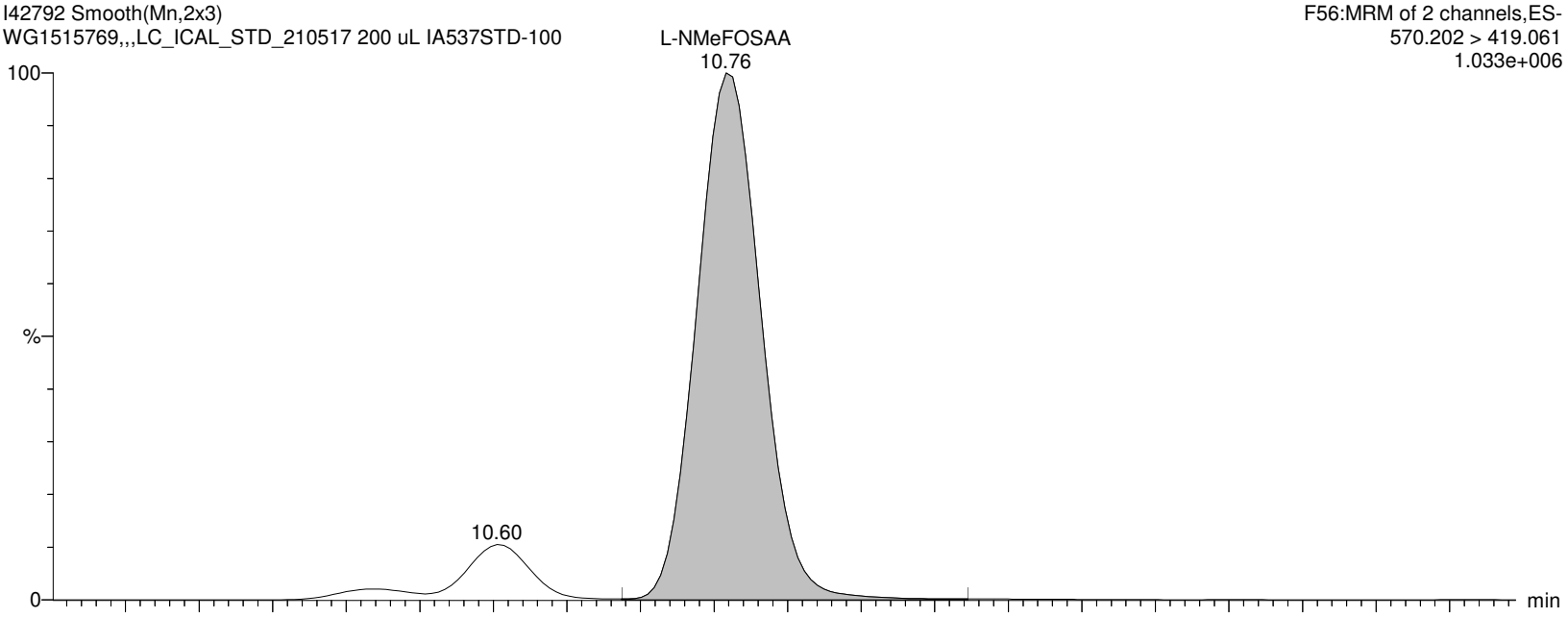


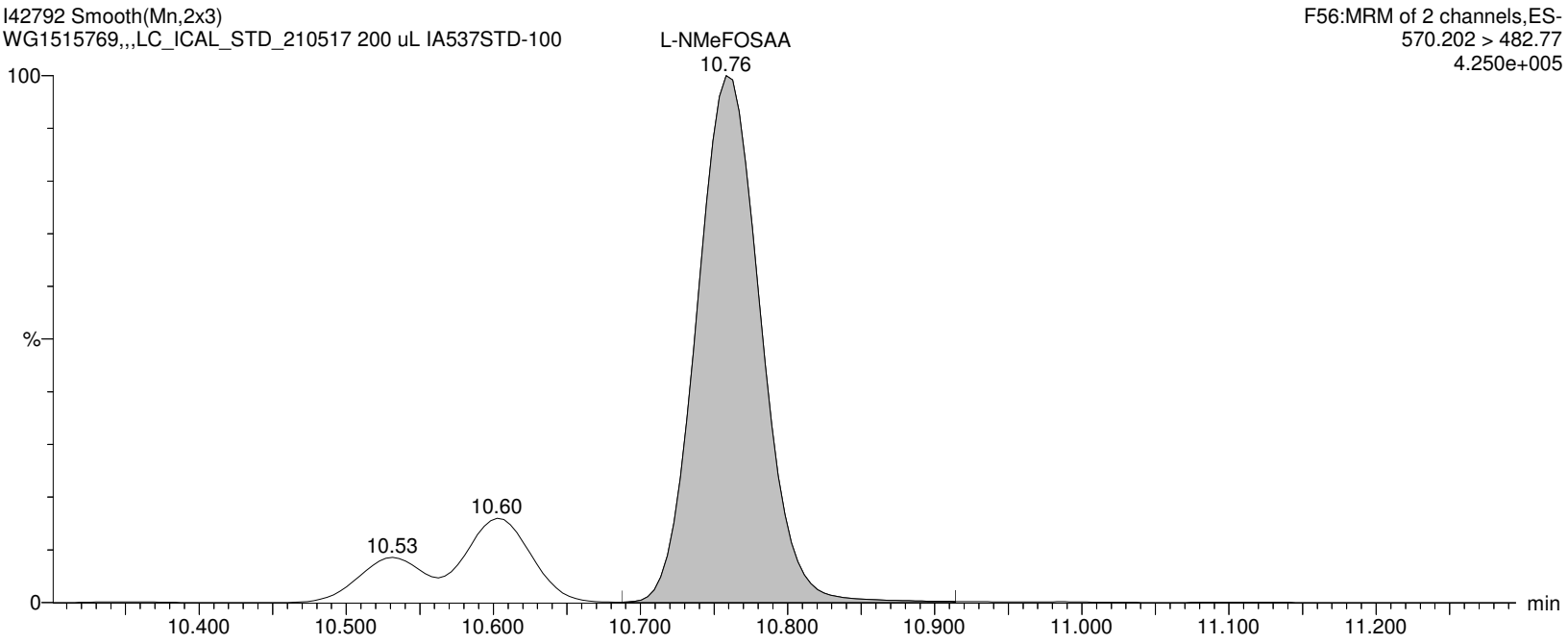
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NMeFOSAA



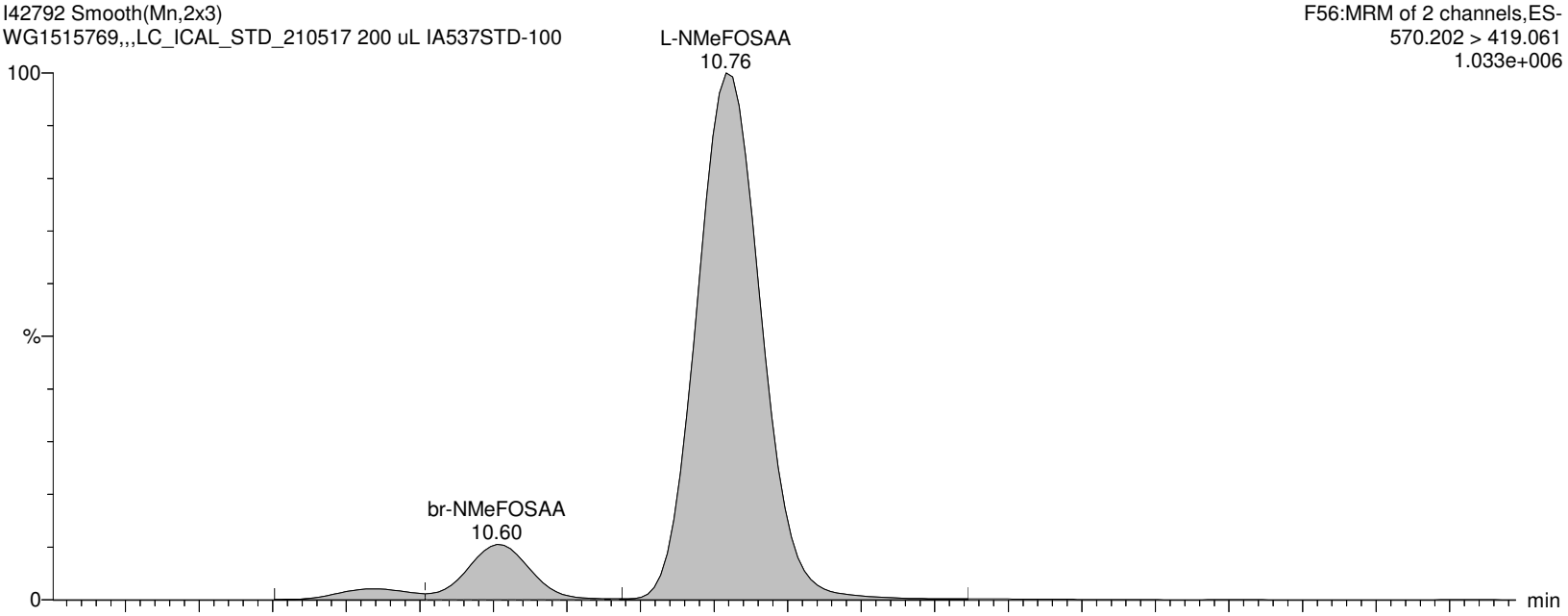


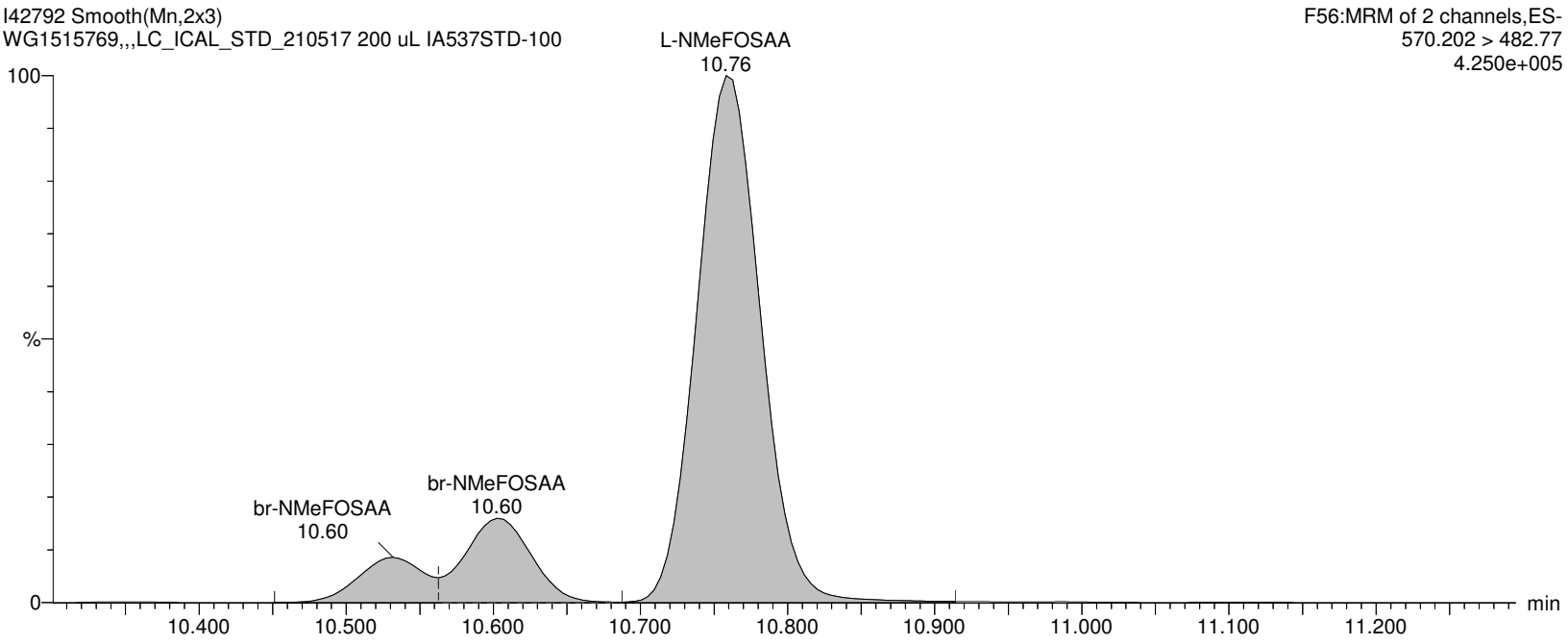
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSAA



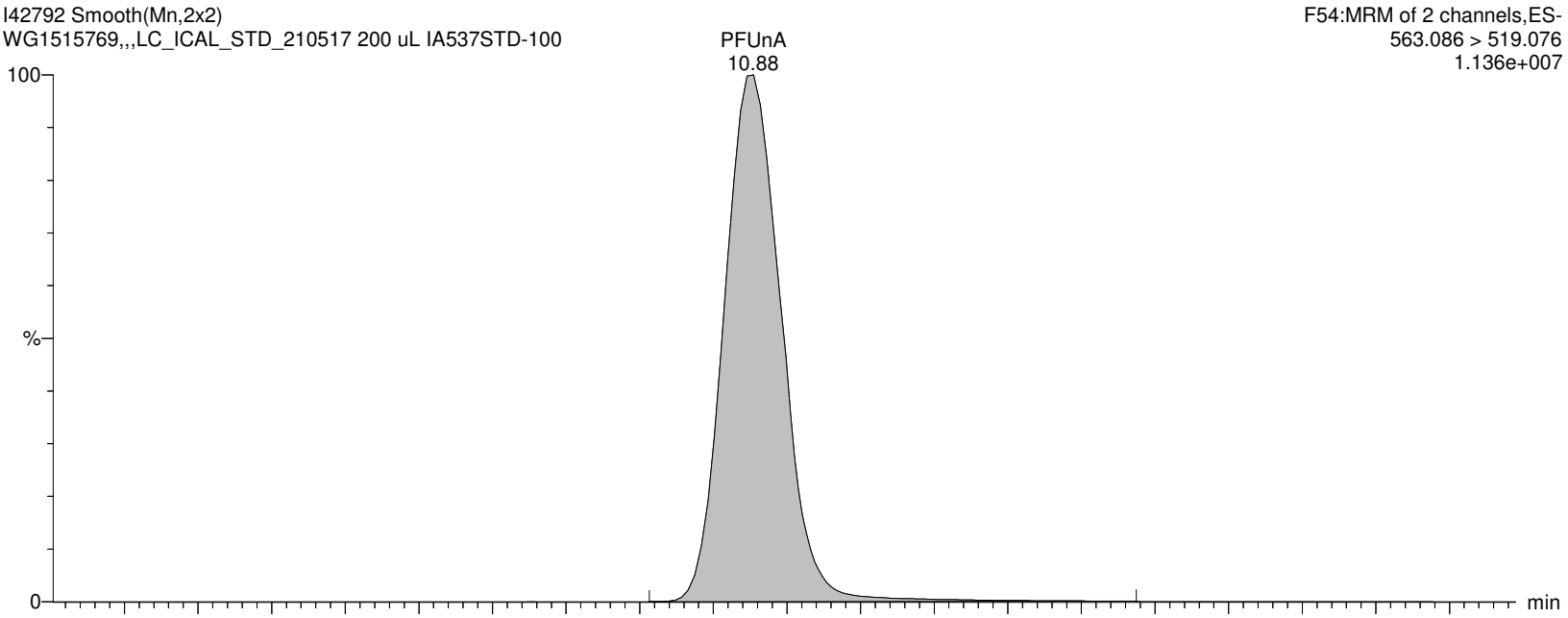


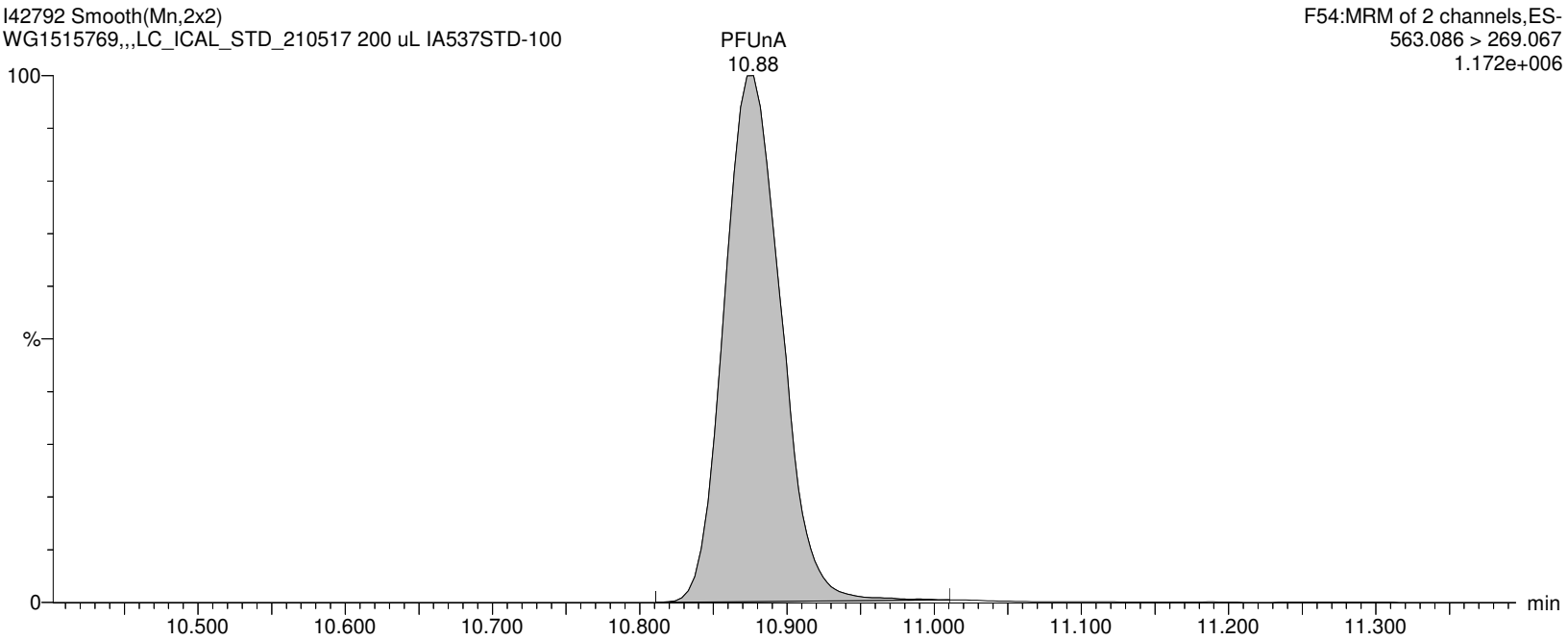
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFUnA



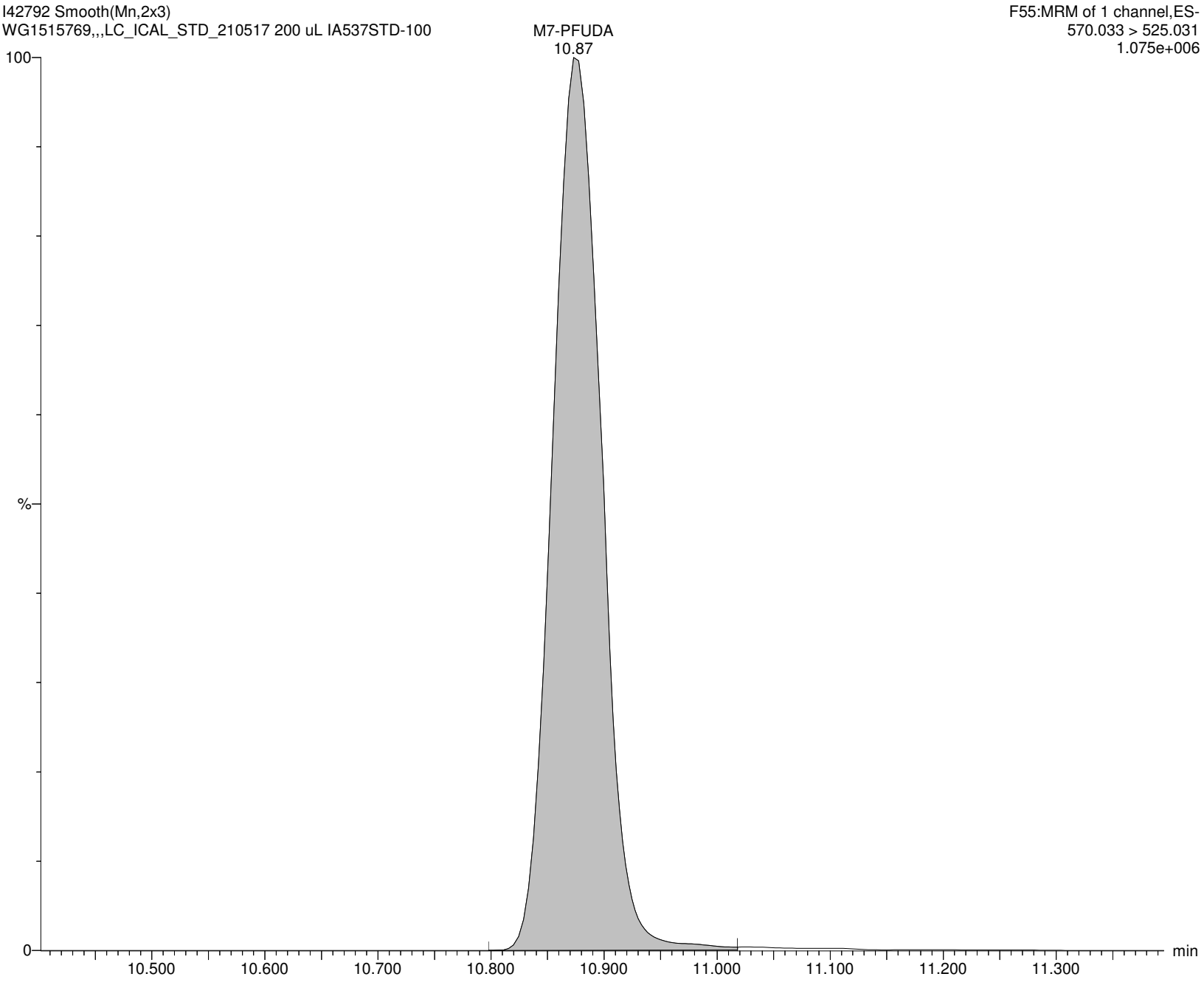


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M7-PFUDA

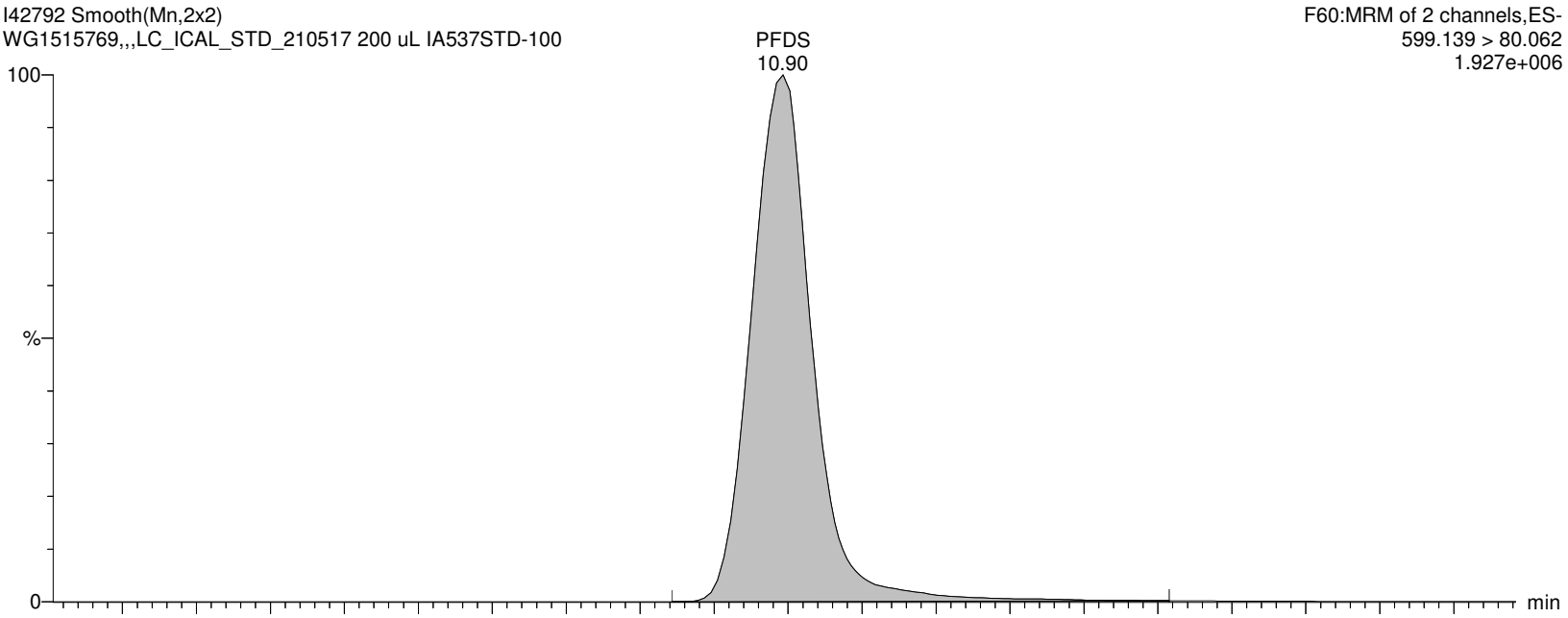


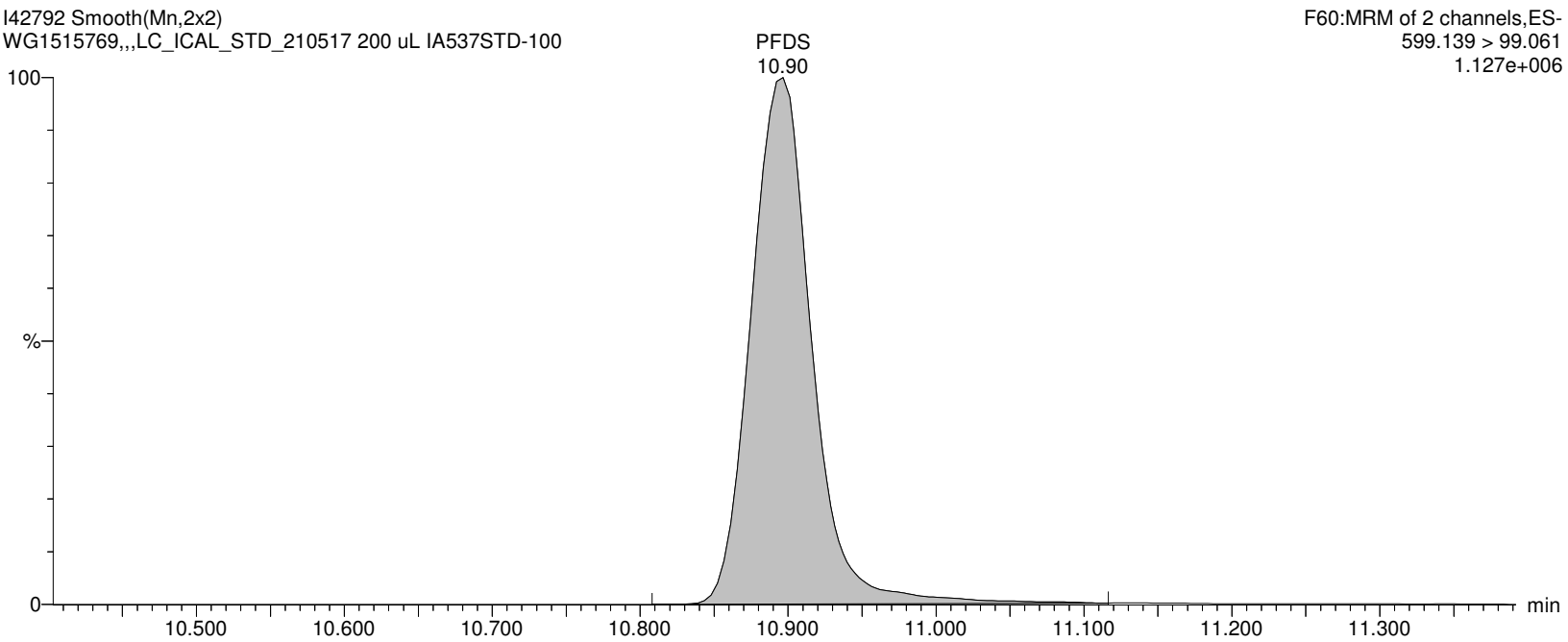
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDS



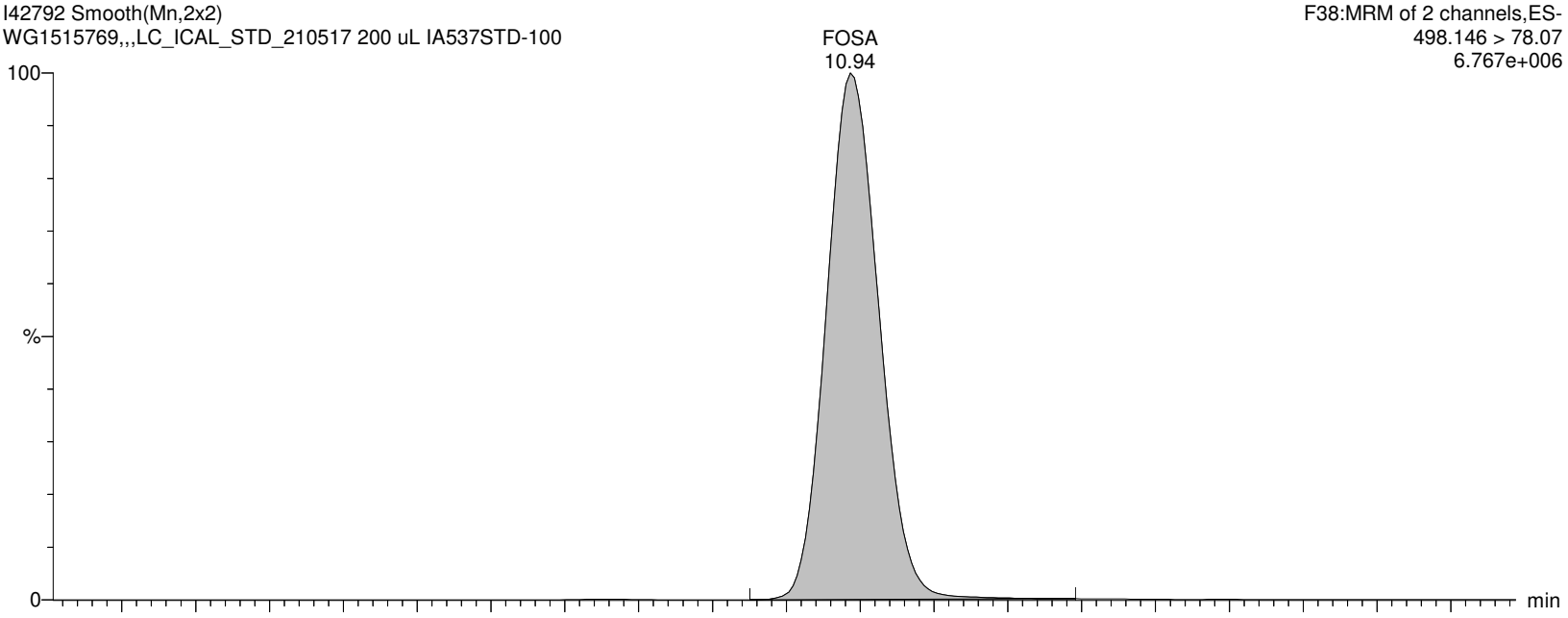


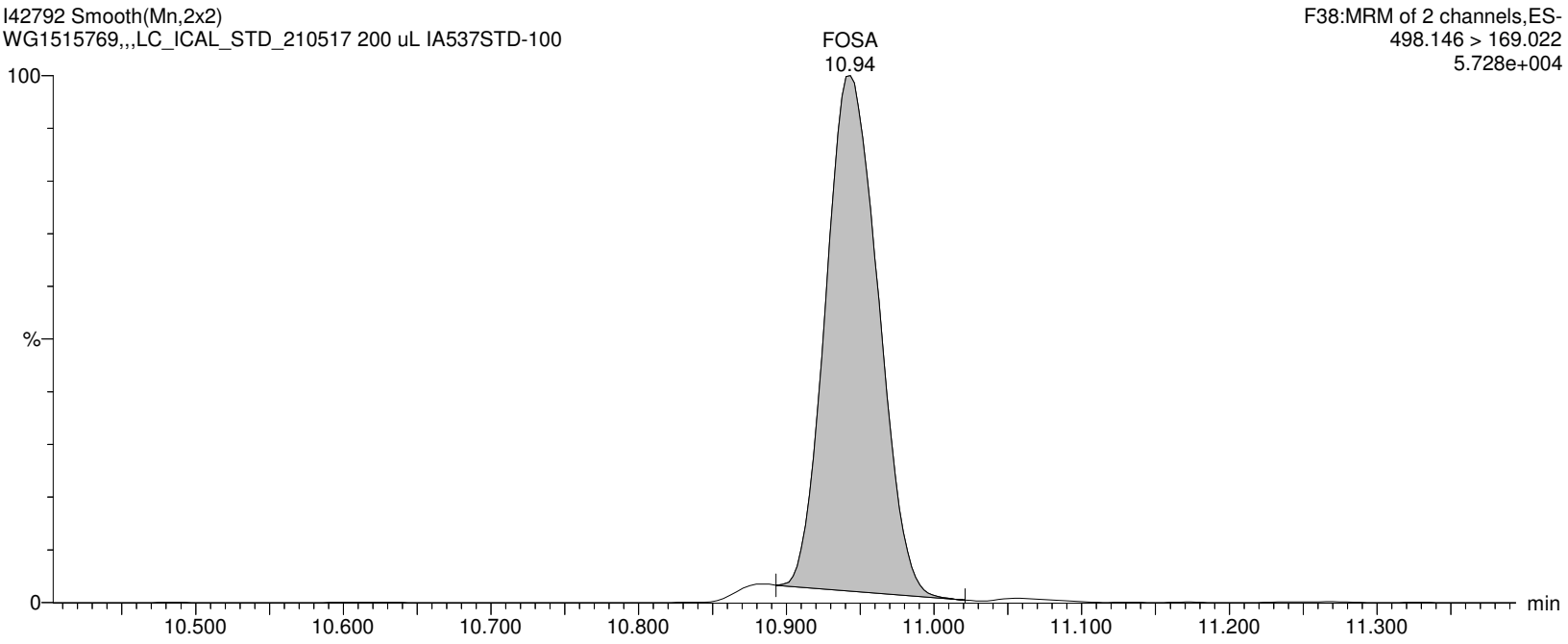
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

FOSA



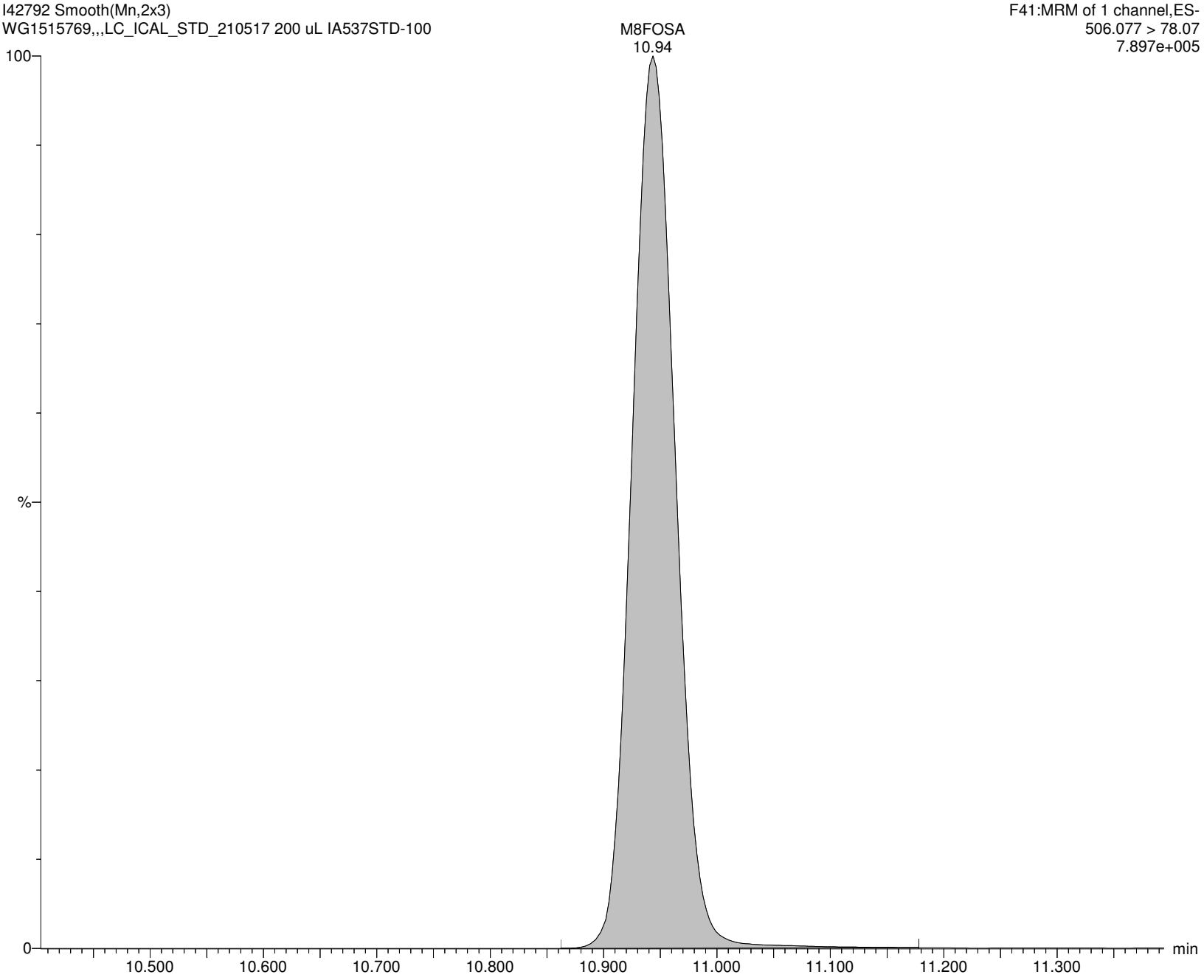


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8FOSA

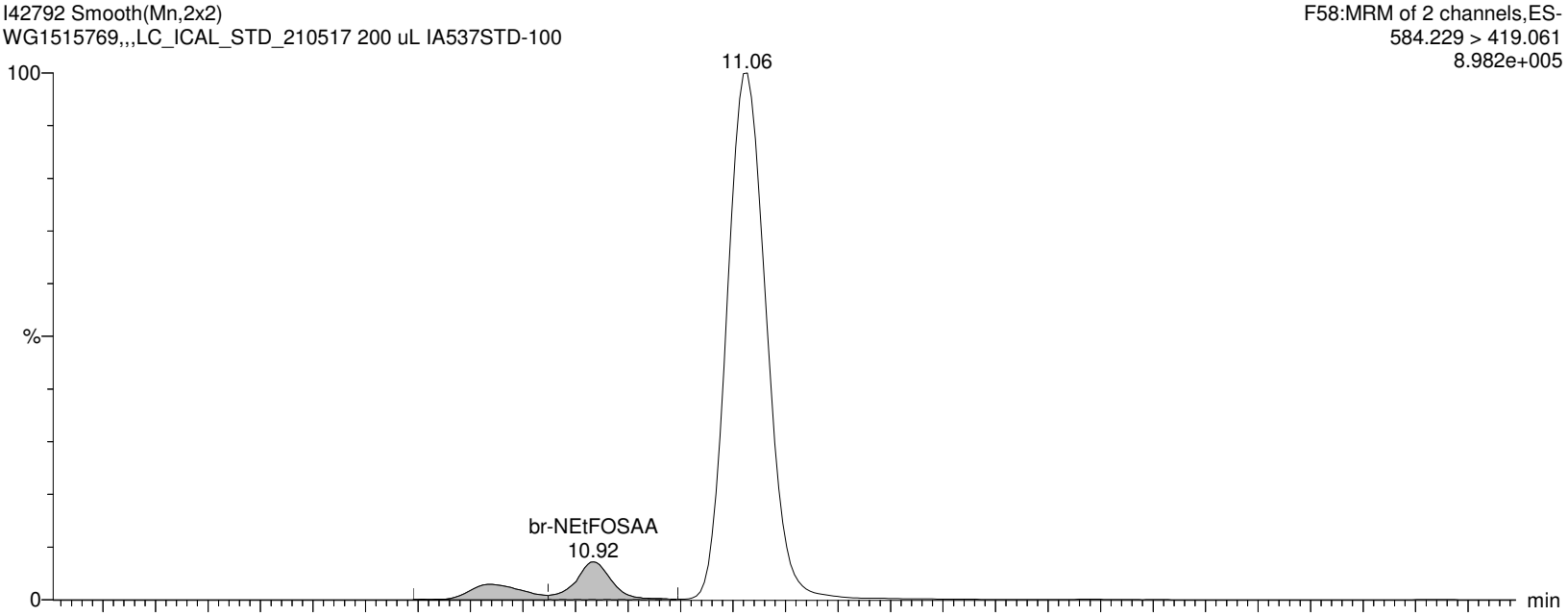


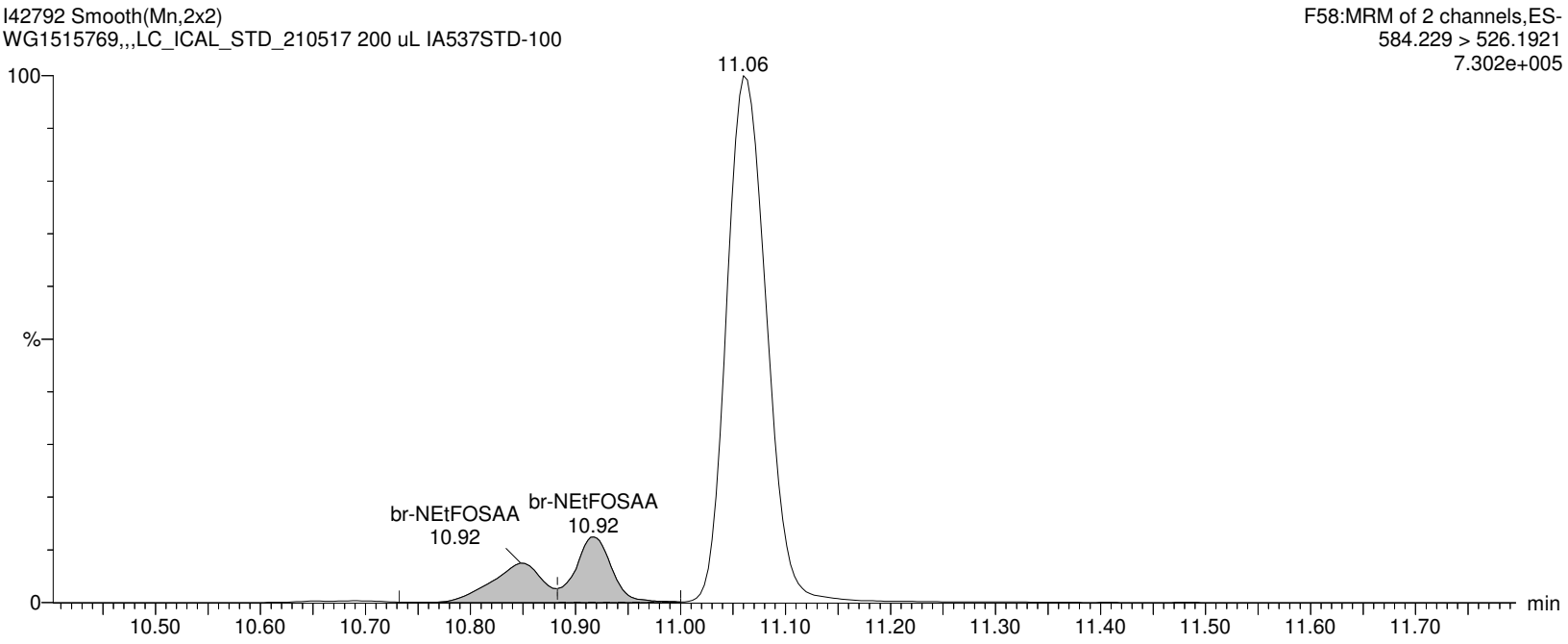
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NEtFOSAA



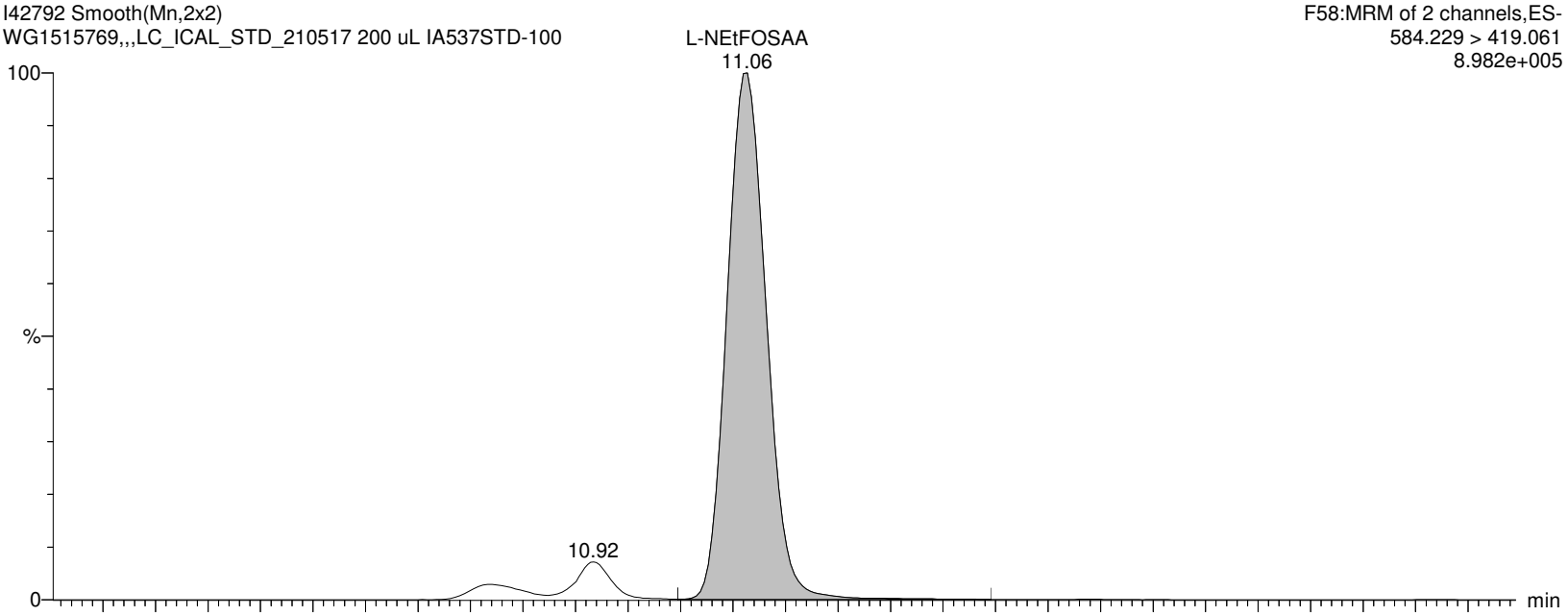


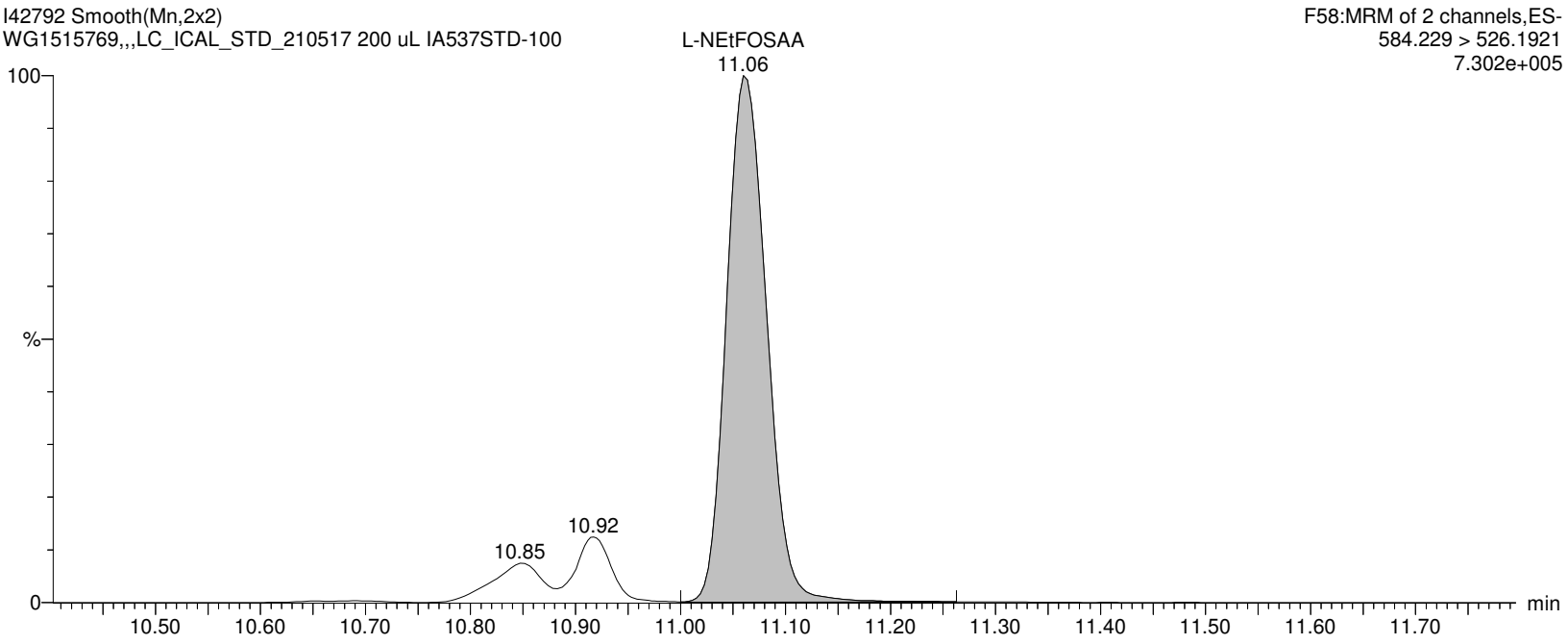
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NEtFOSAA



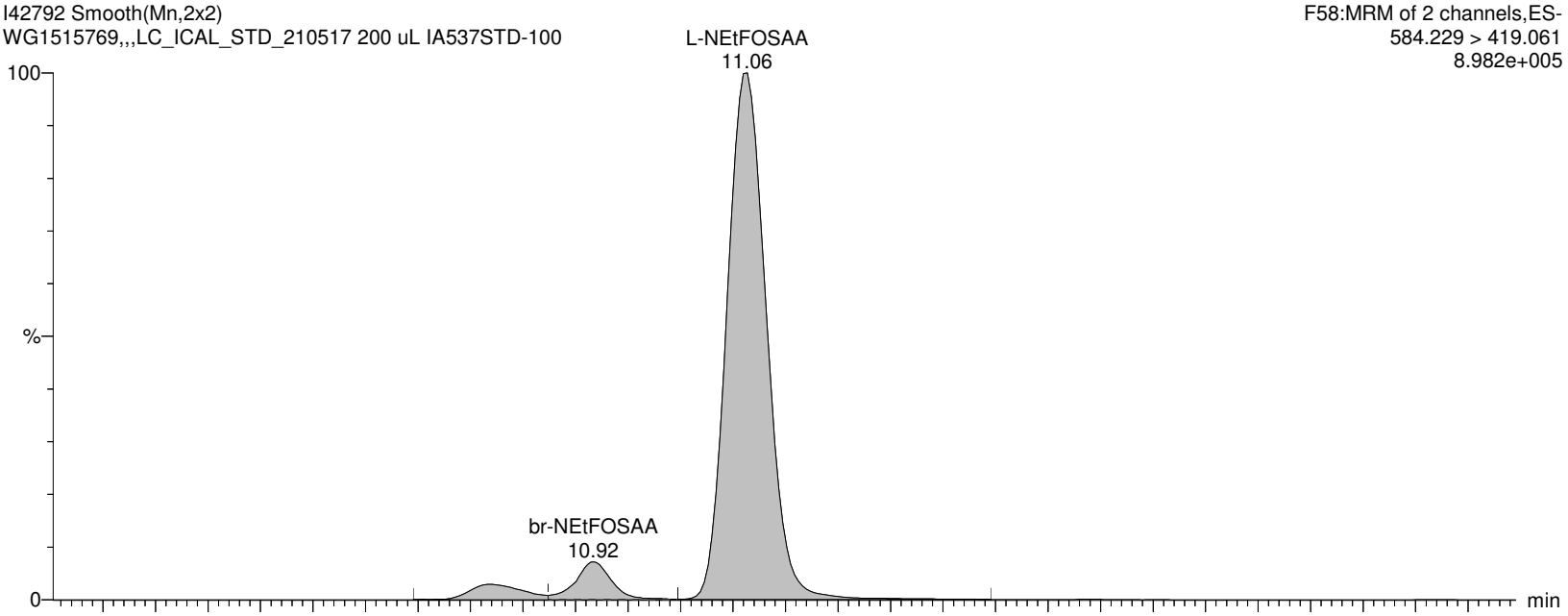


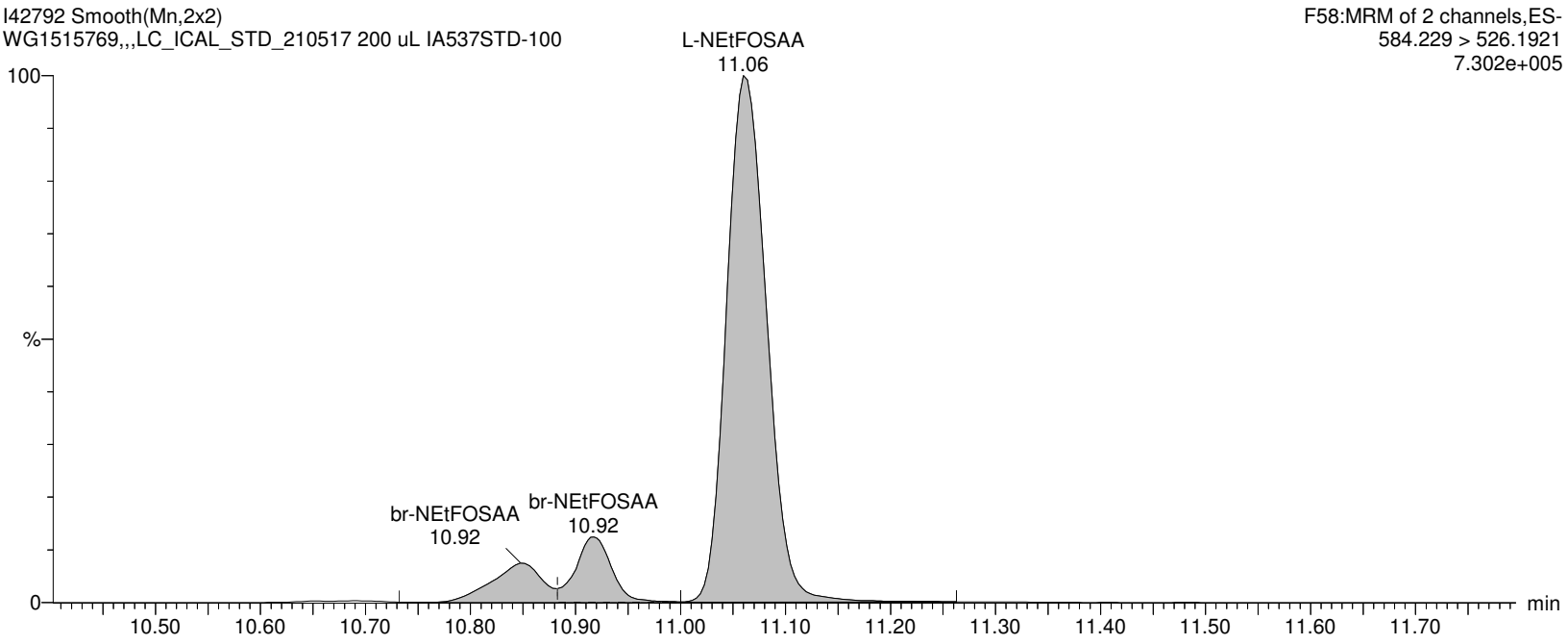
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSAA



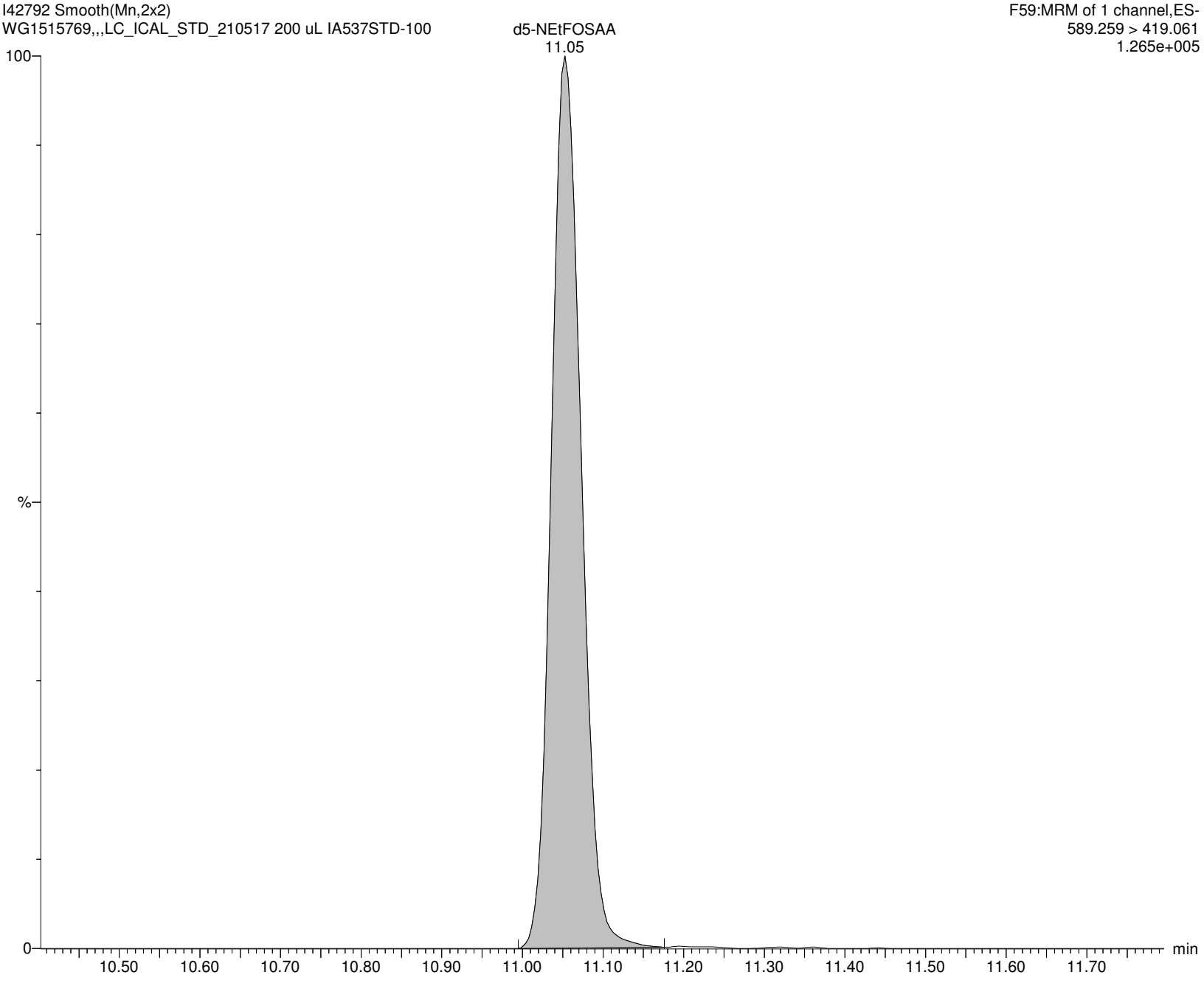


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSAA

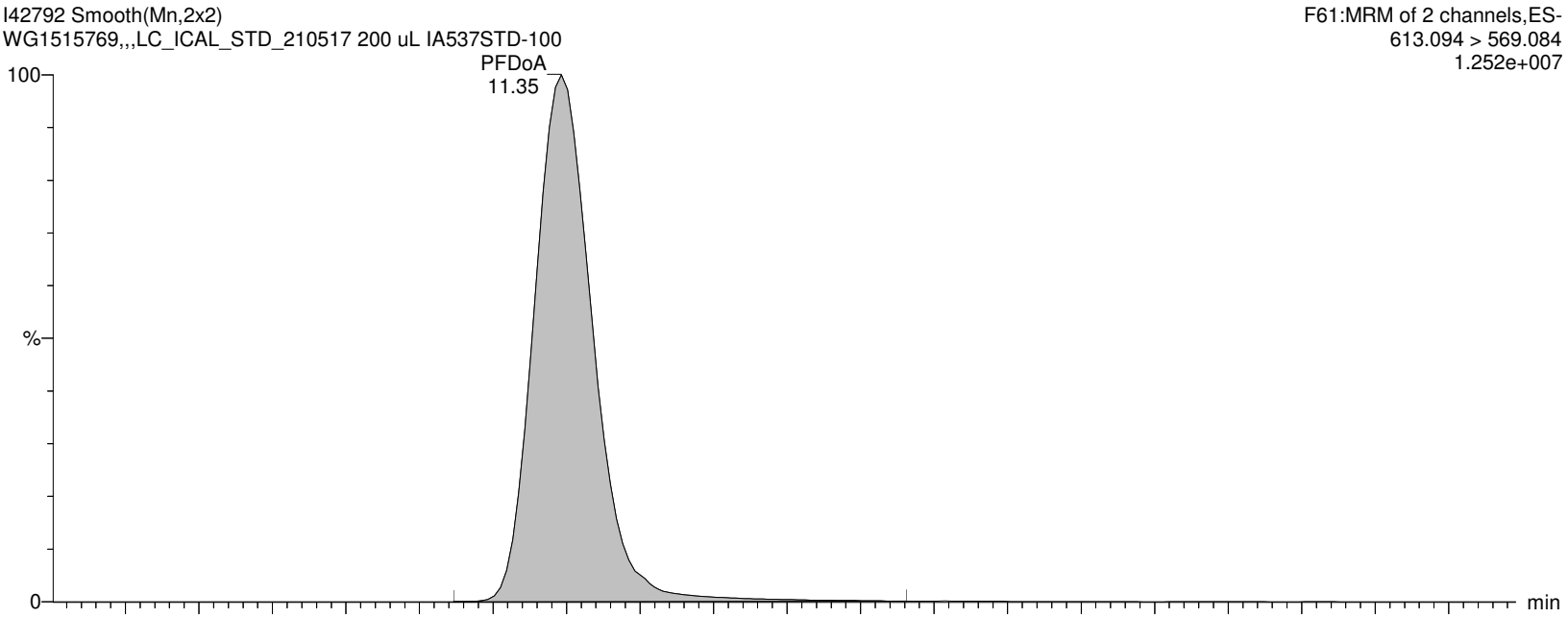


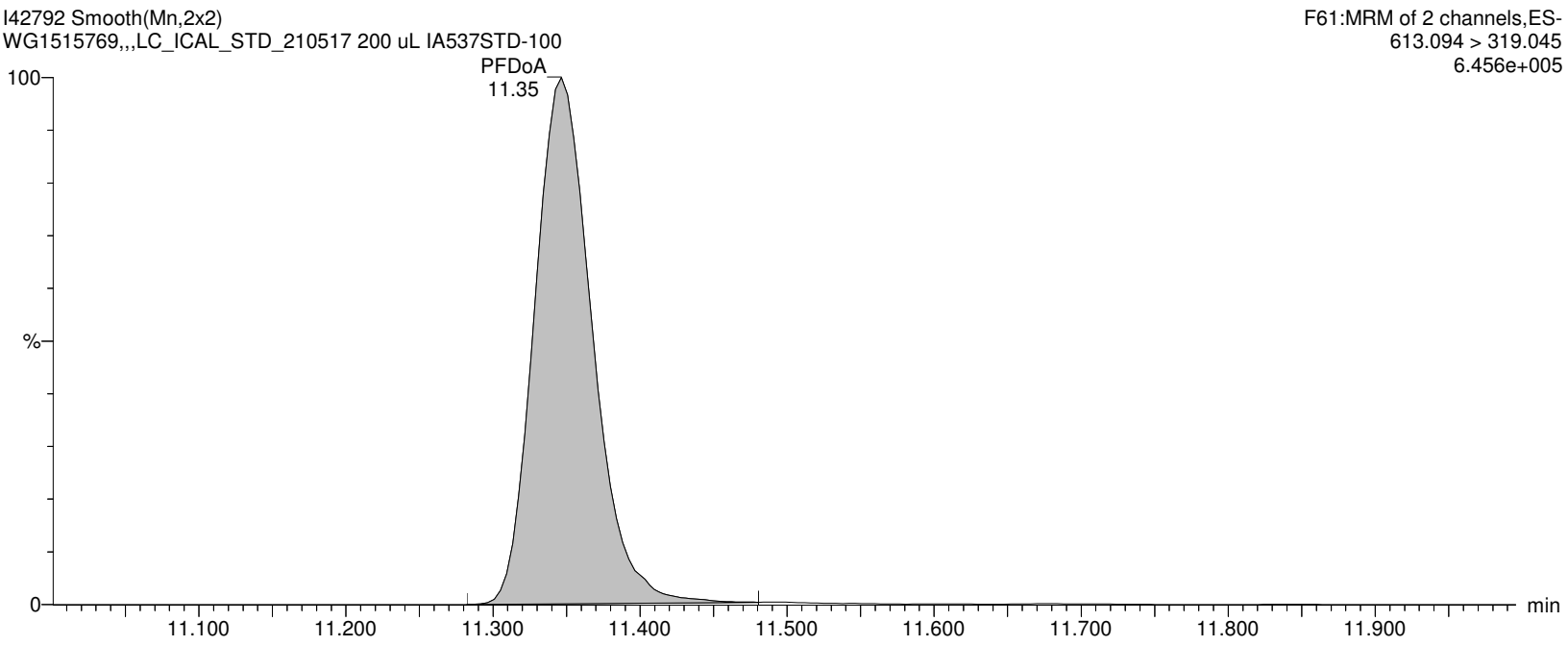
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoA



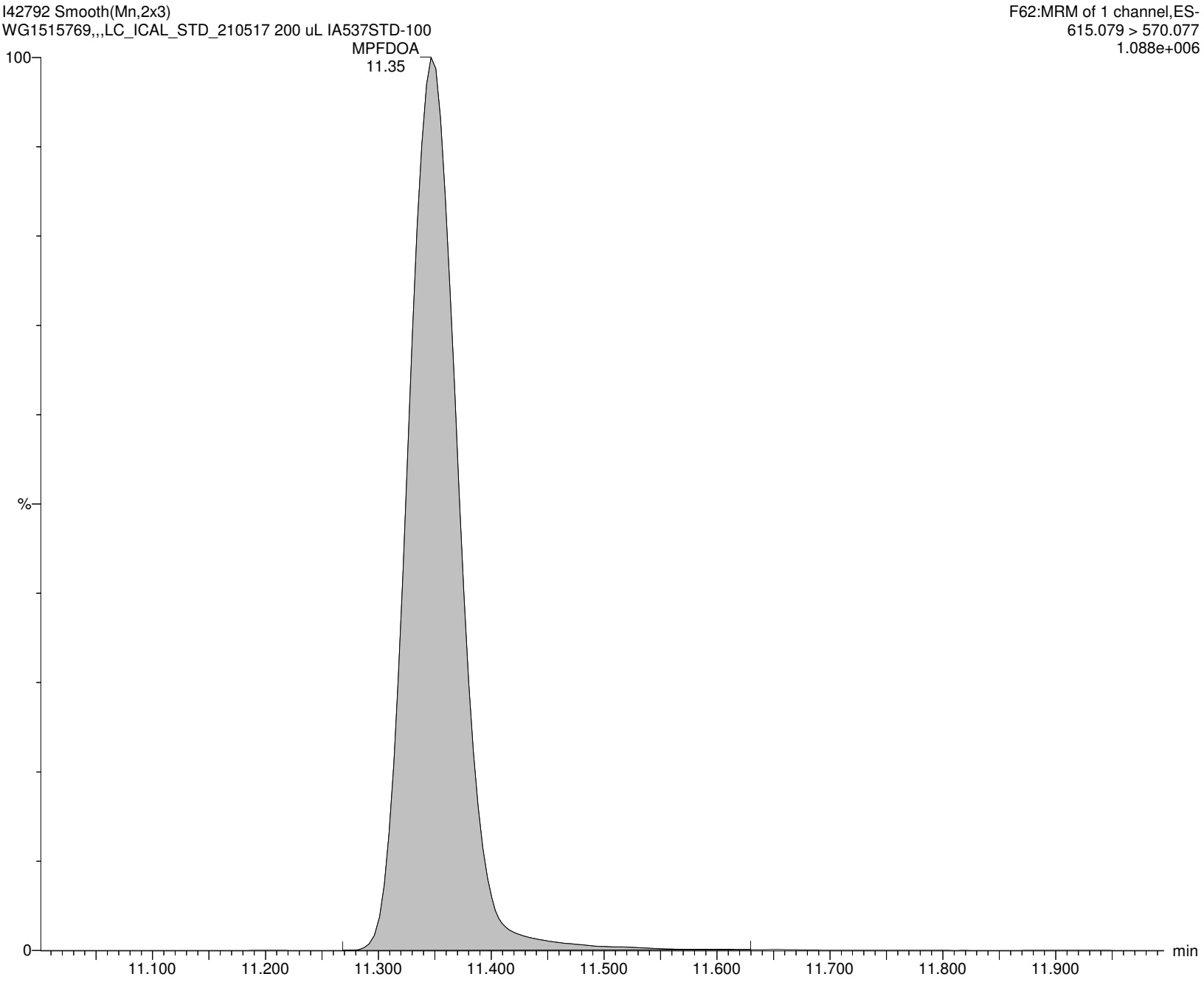


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFDOA

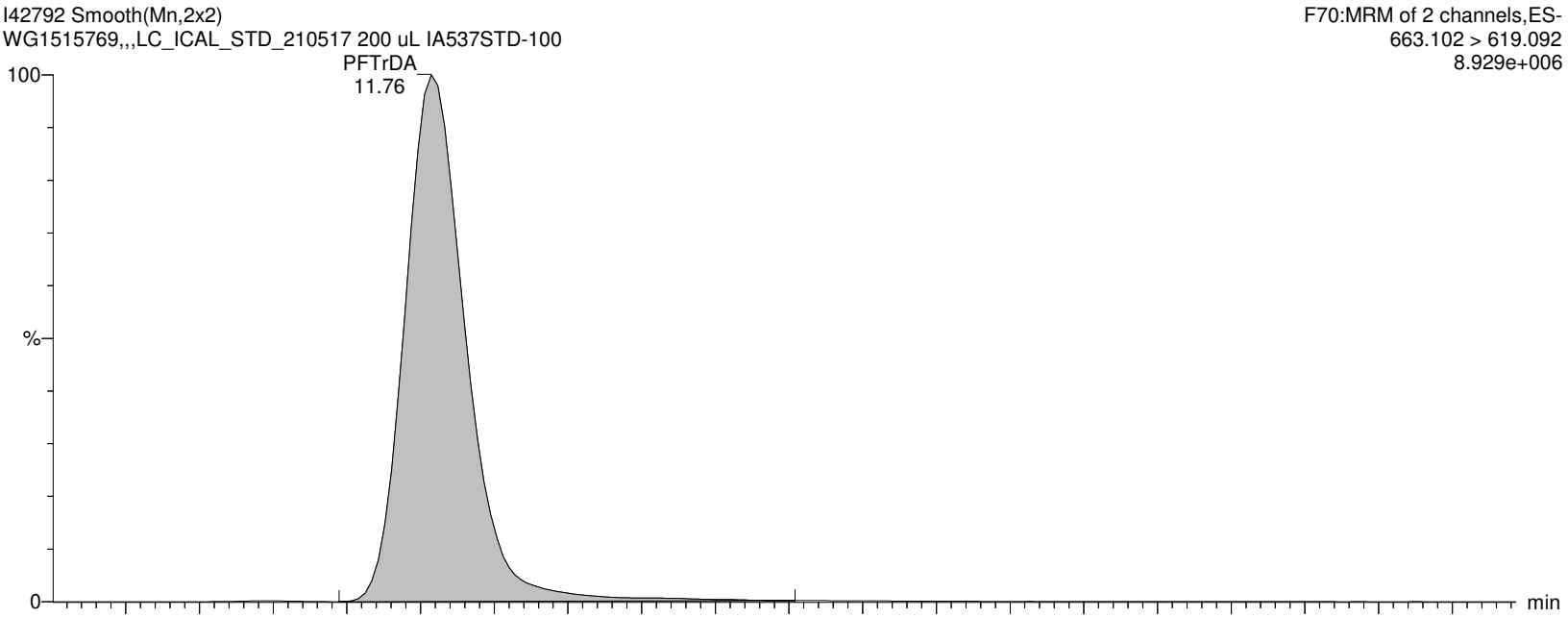


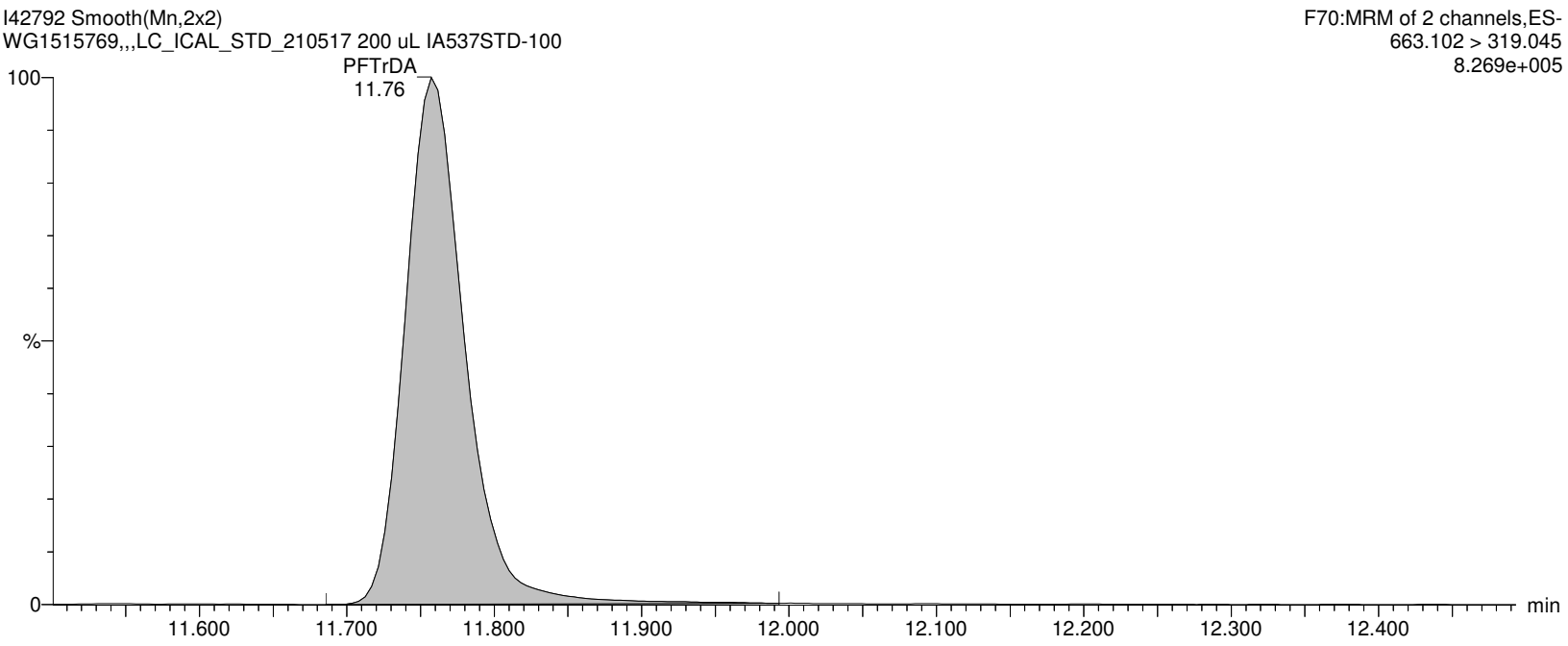
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTrDA



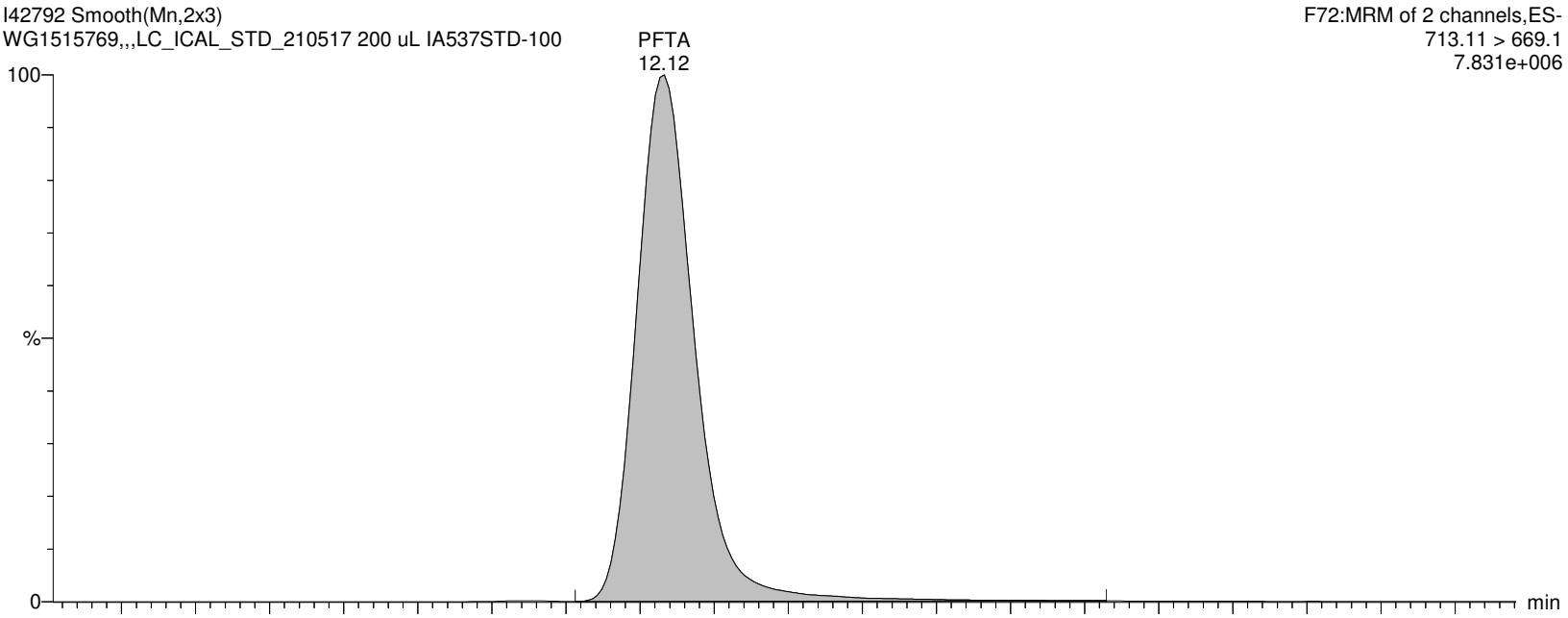


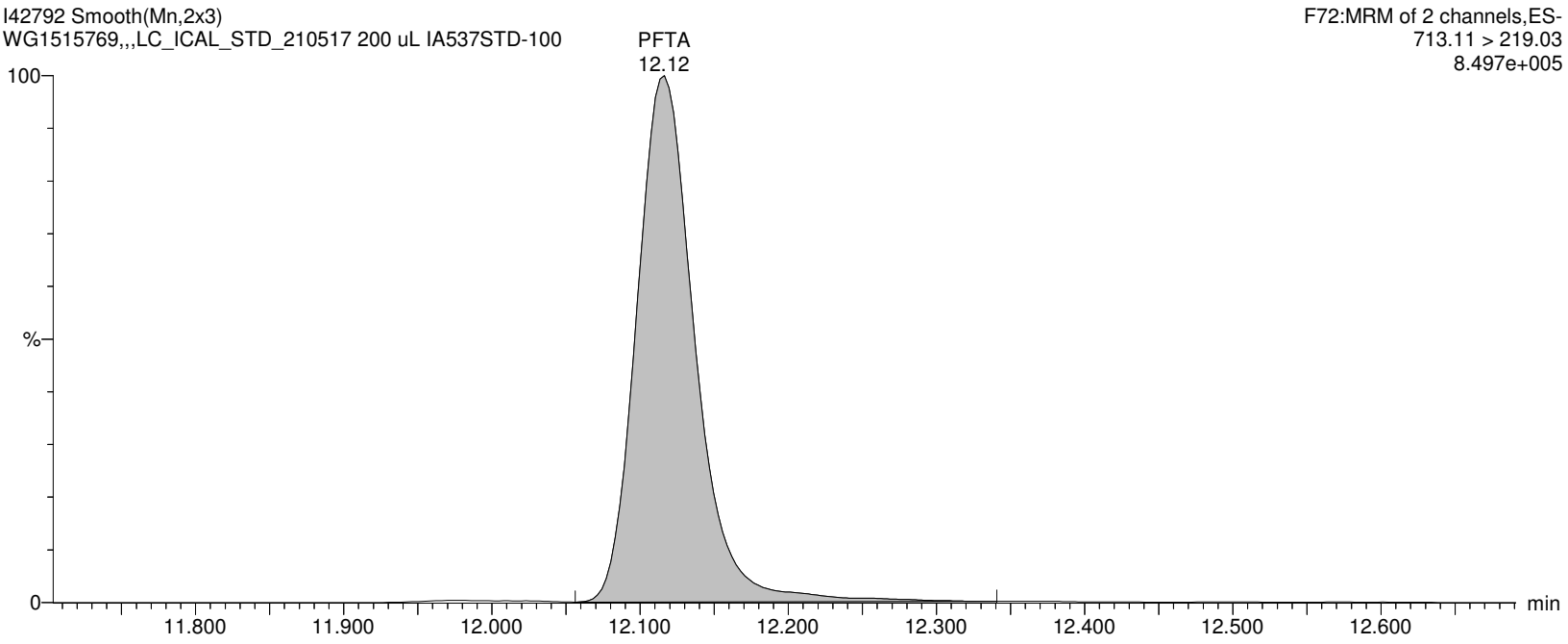
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTA



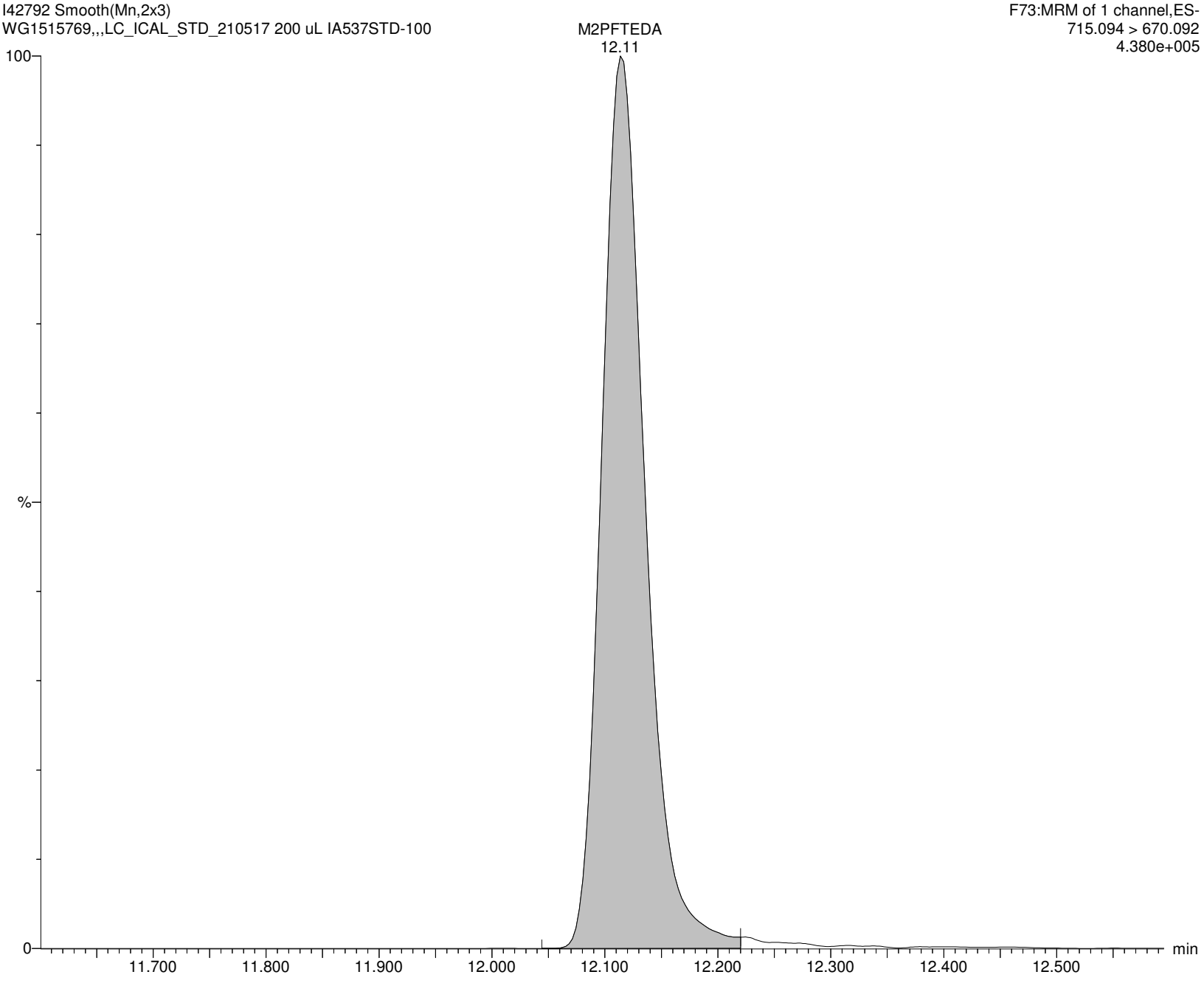


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFTEDA

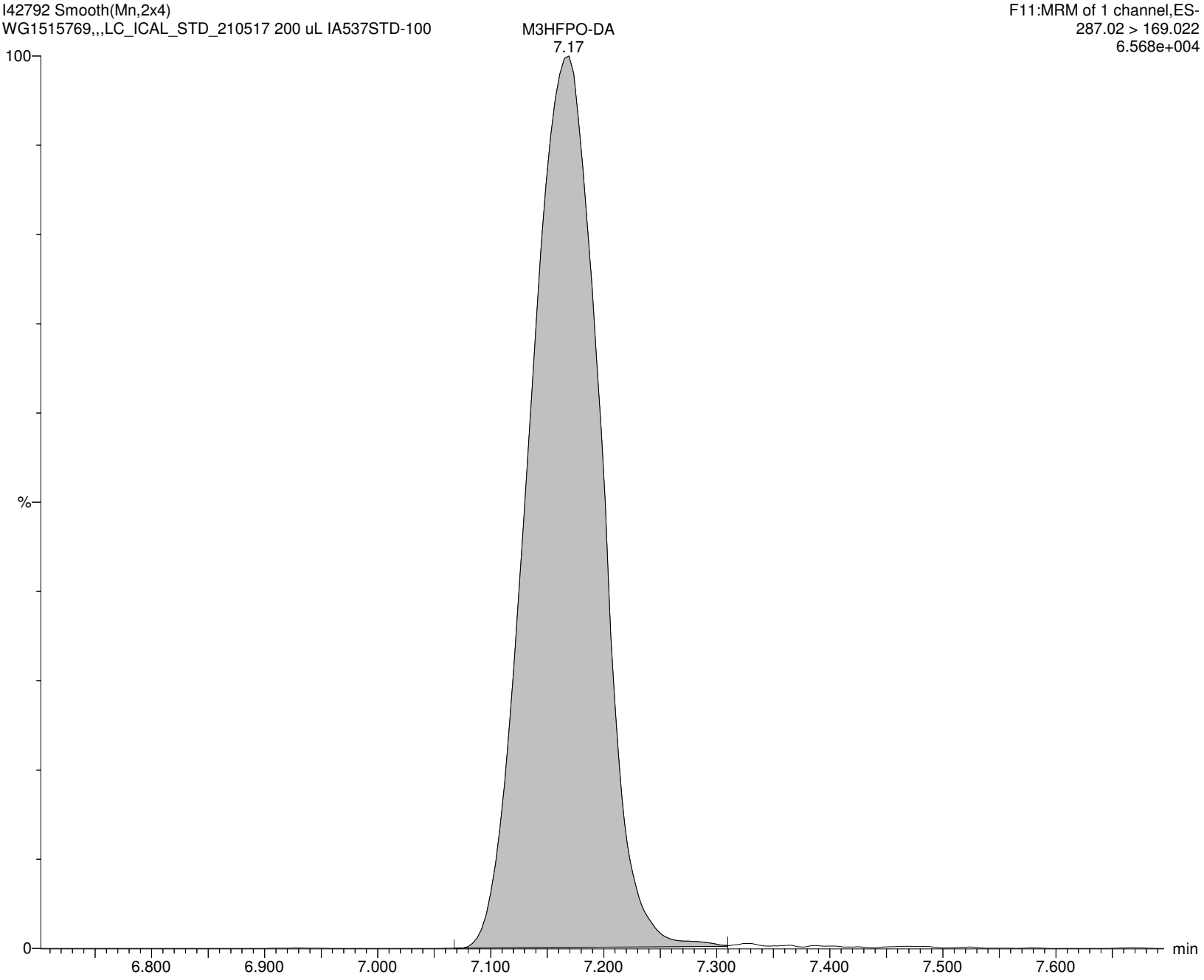


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3HFPO-DA

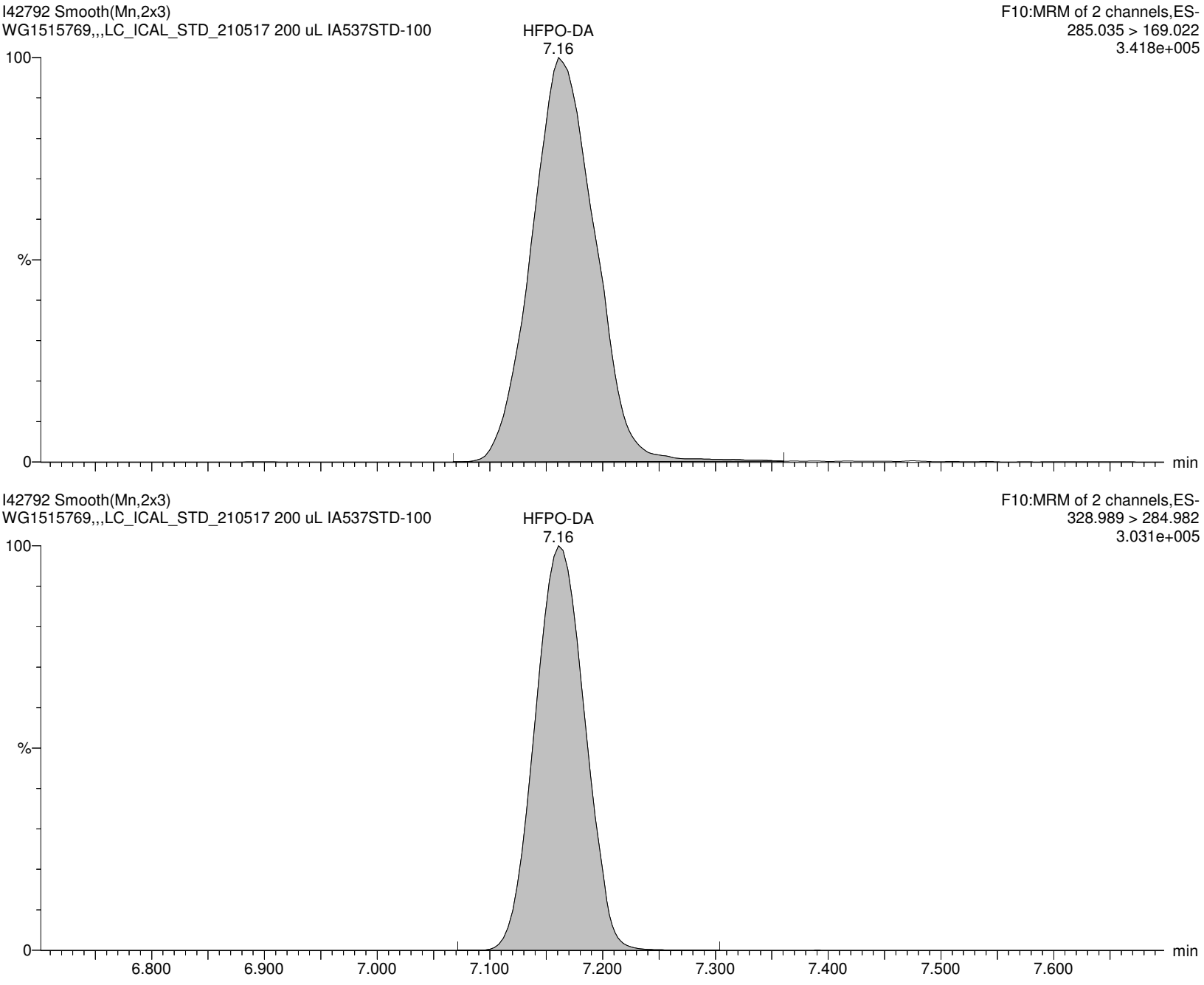


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

HFPO-DA

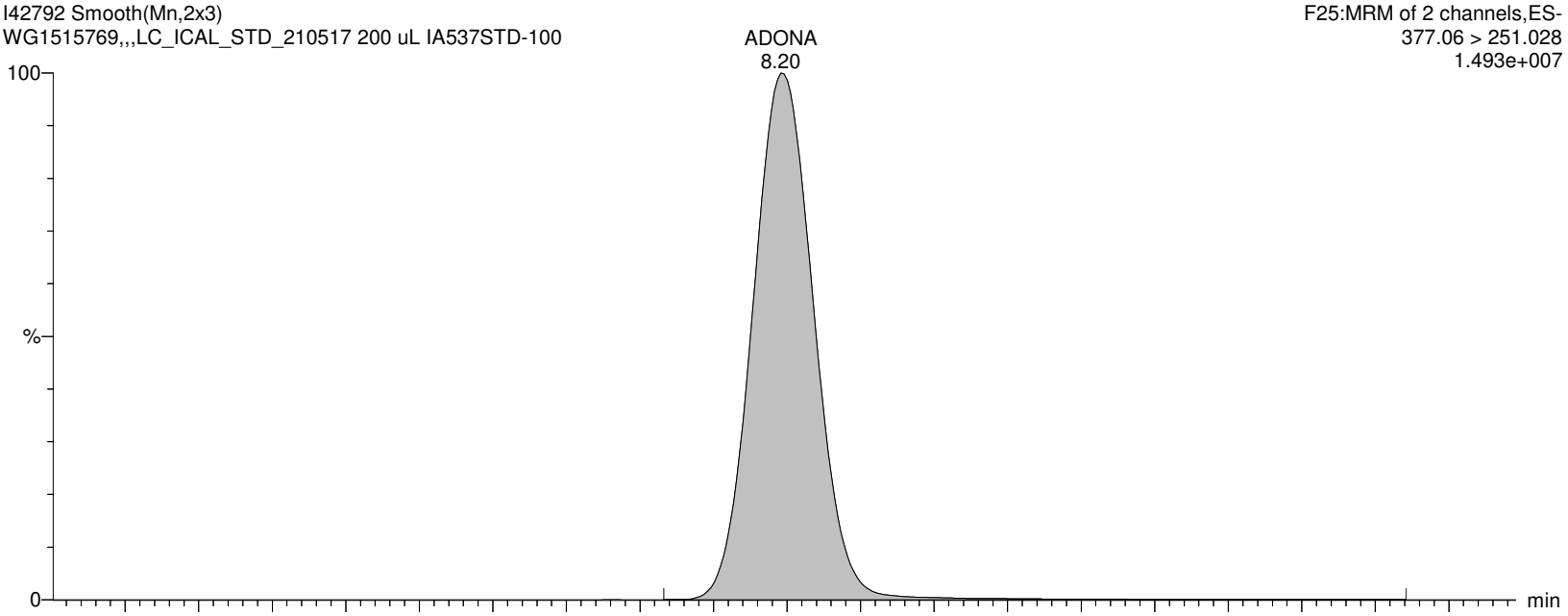


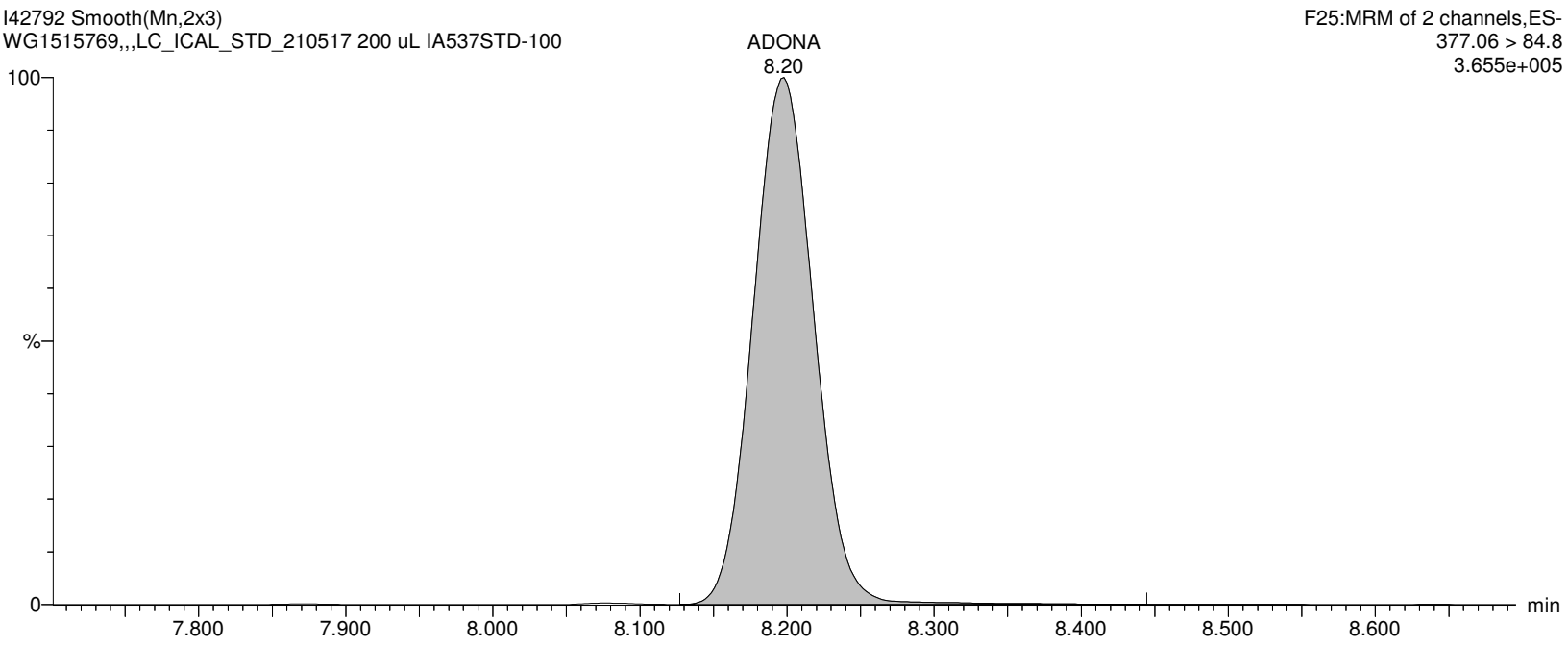
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

ADONA



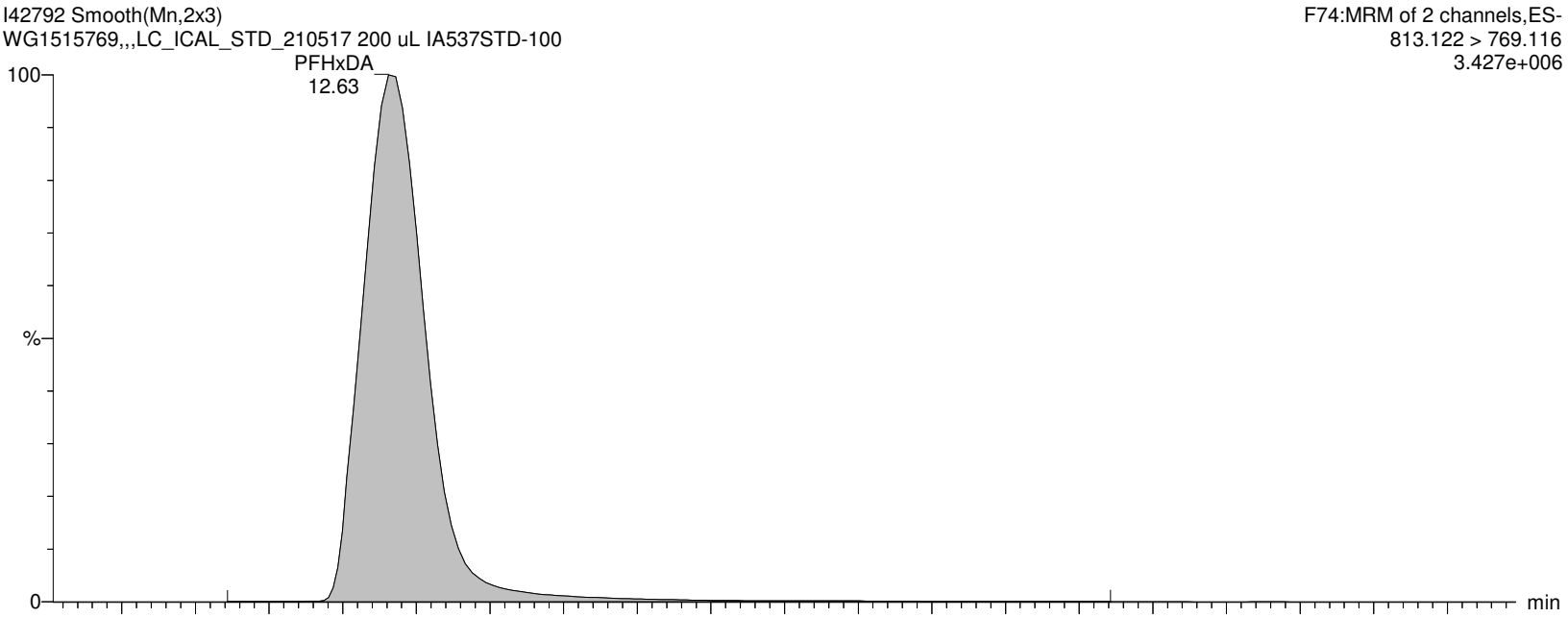


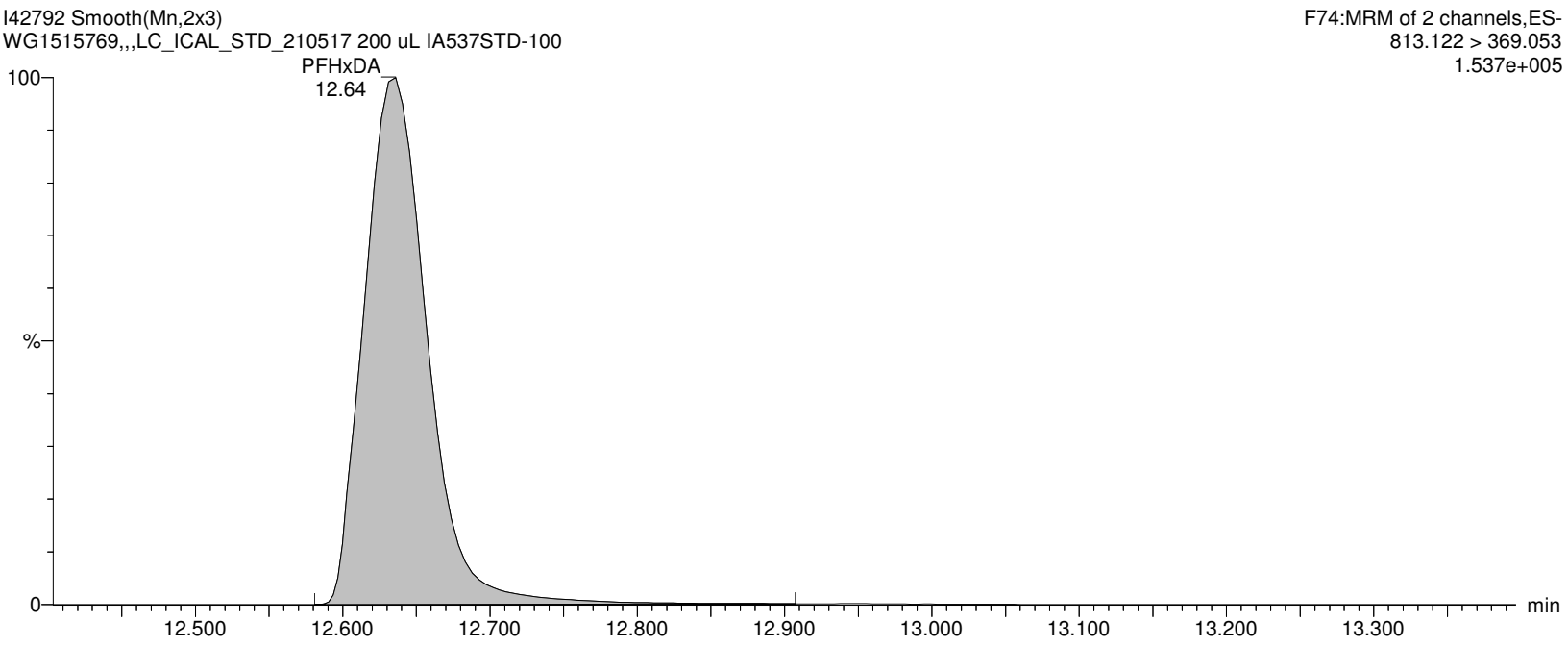
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxDA



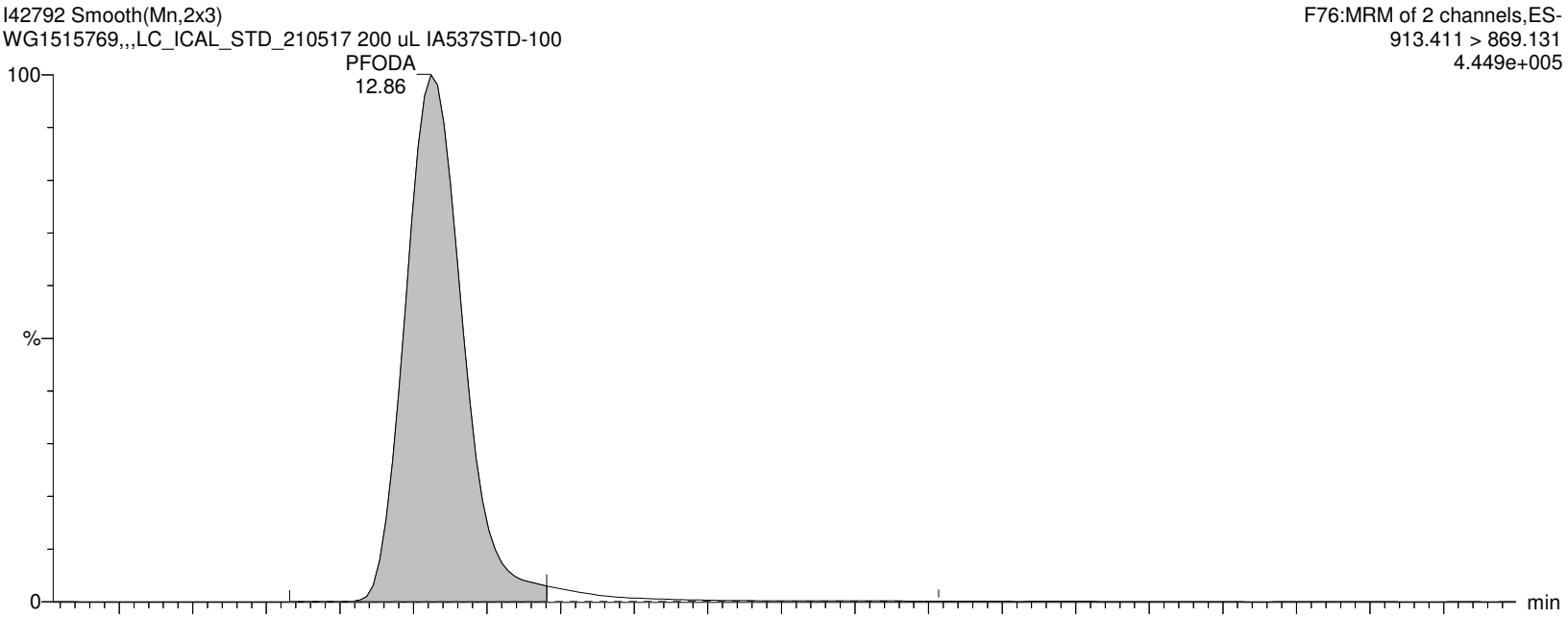


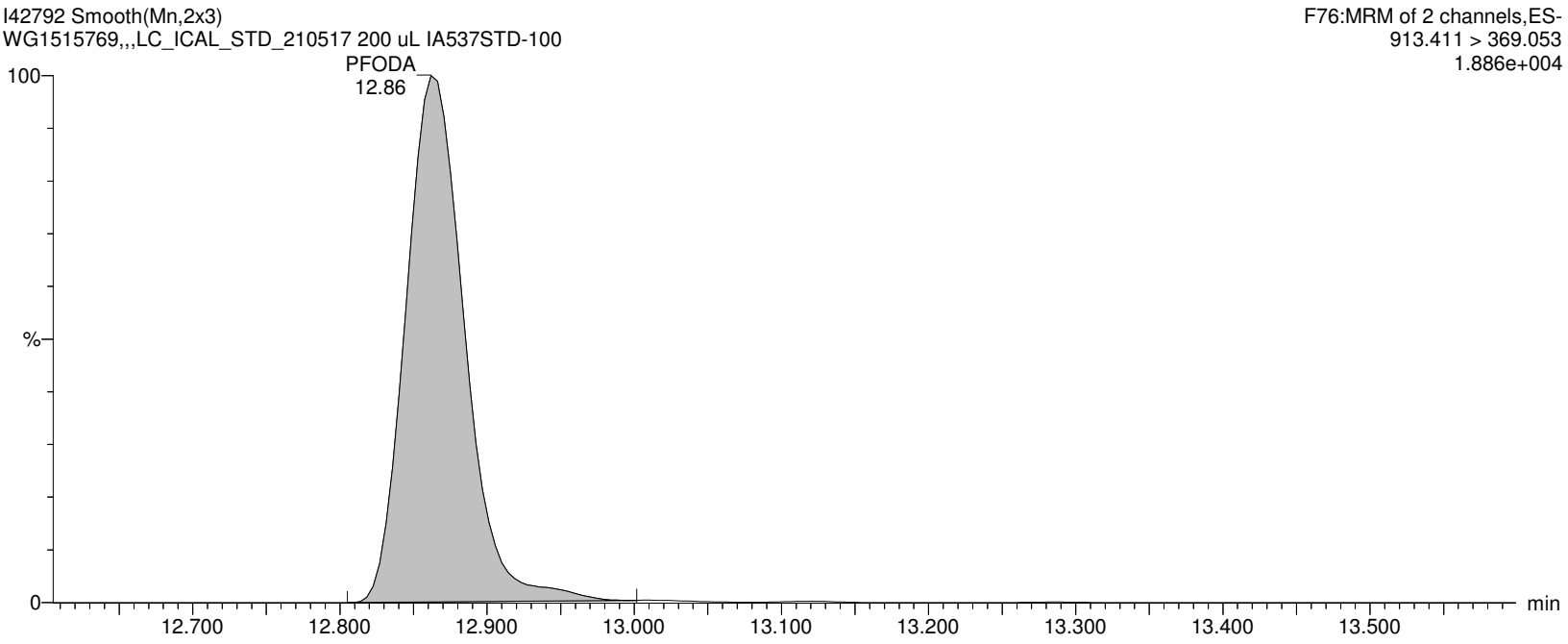
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFODA



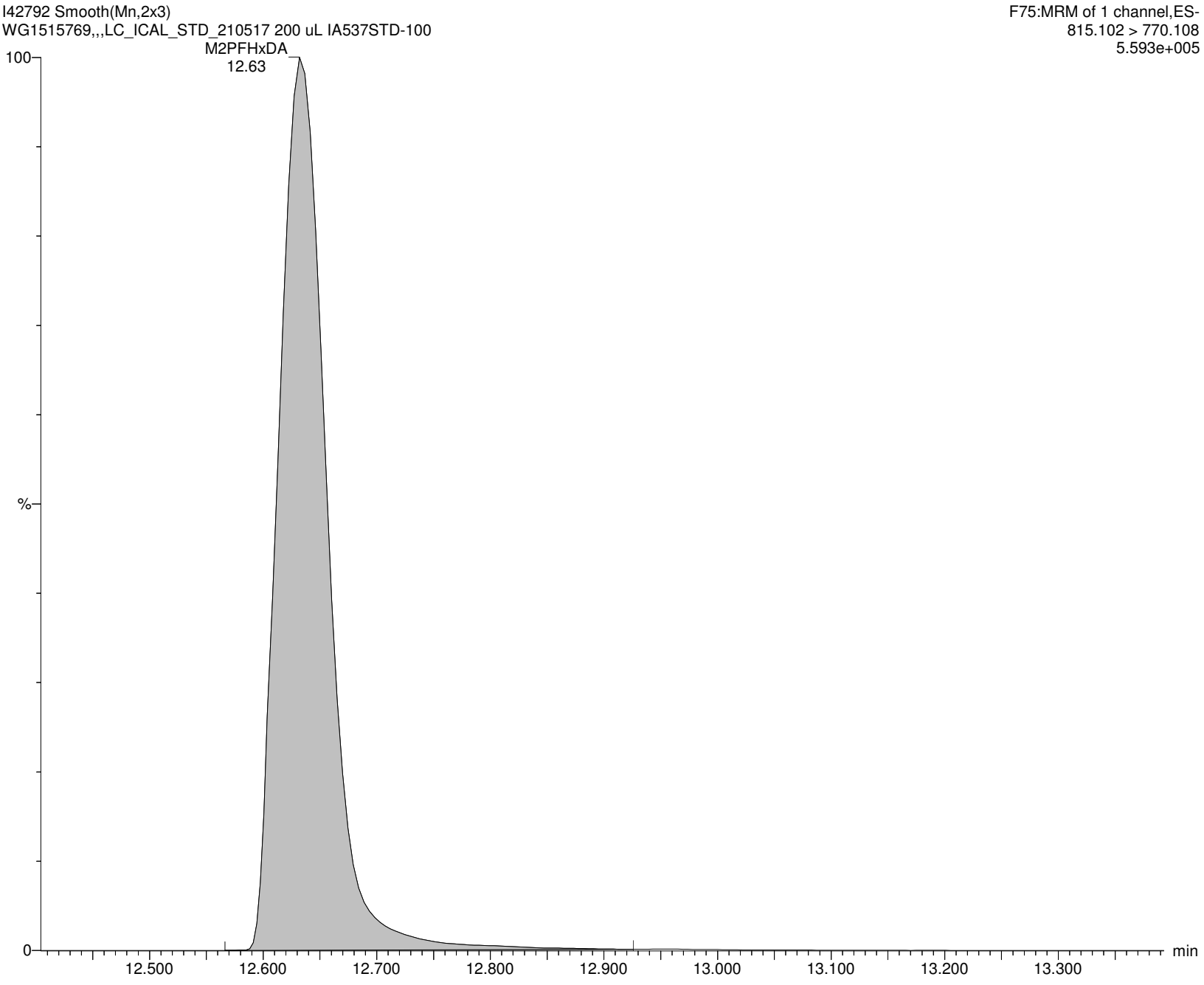


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFHxDA

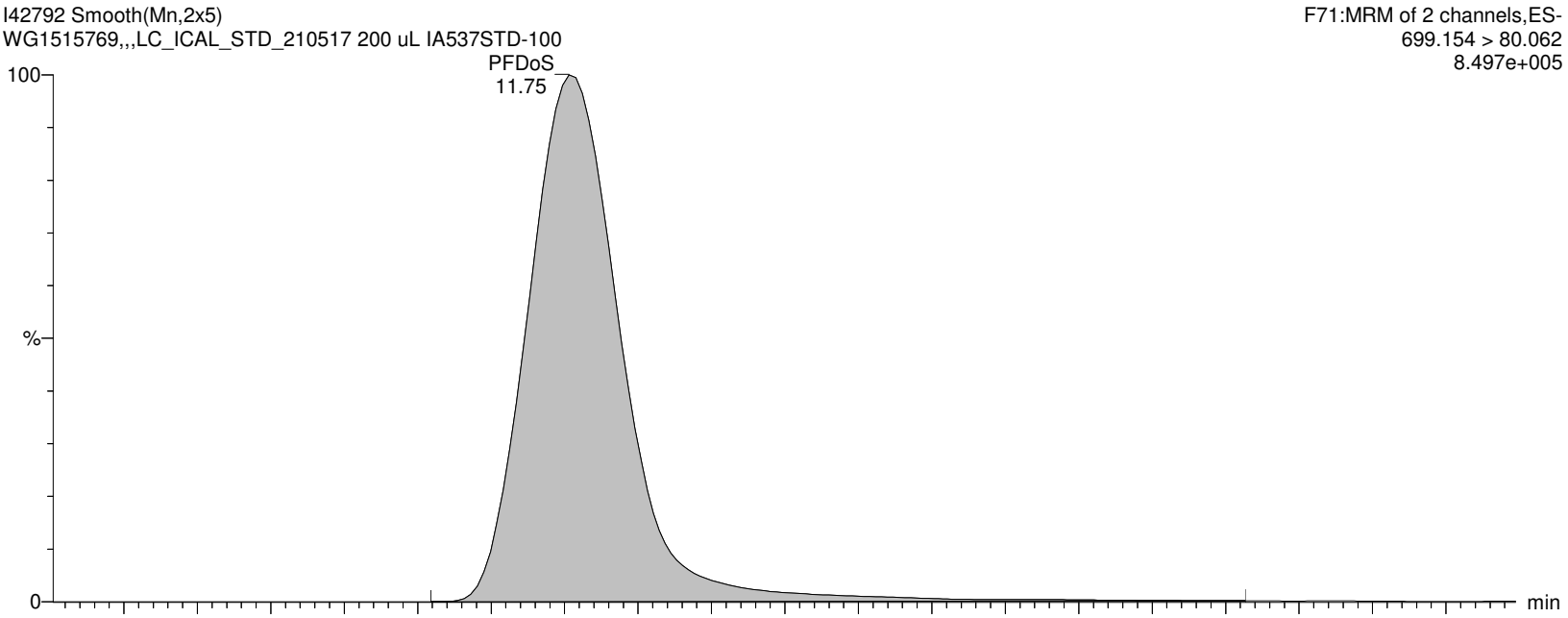


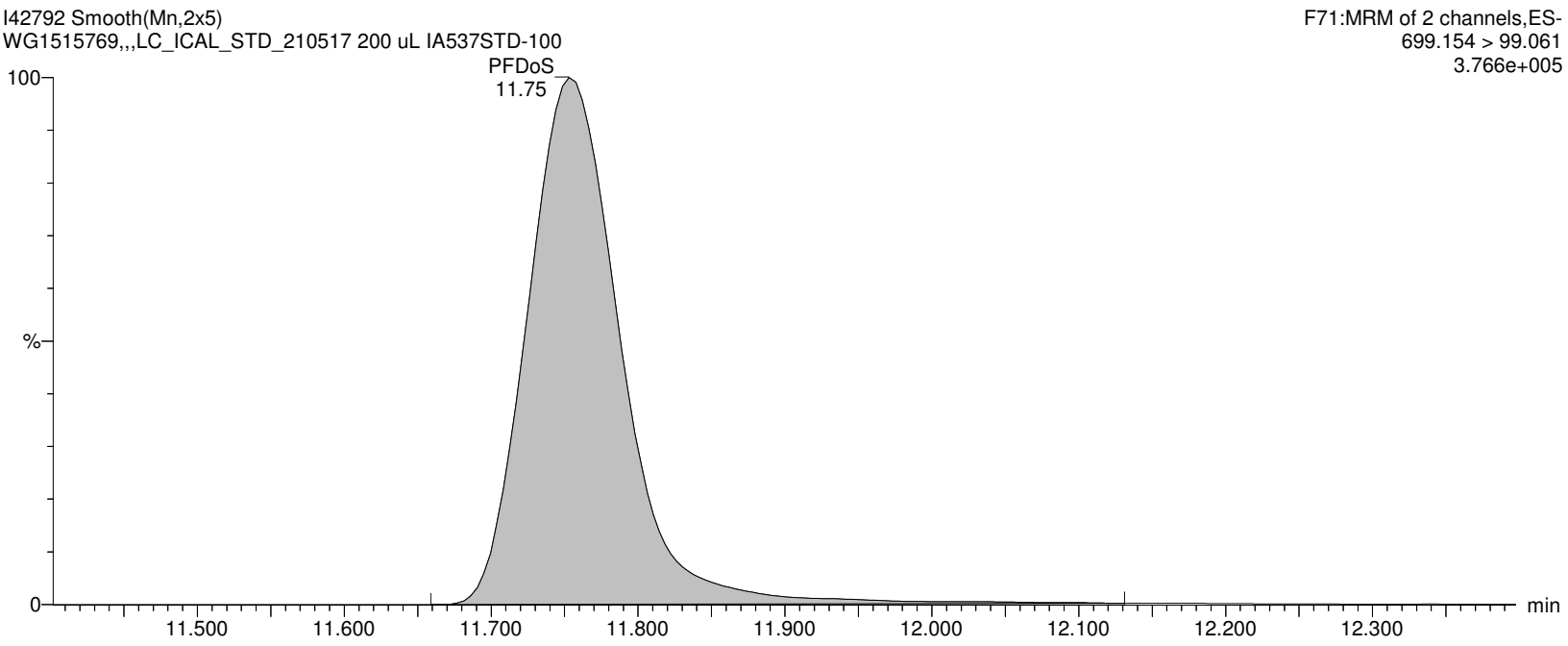
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoS



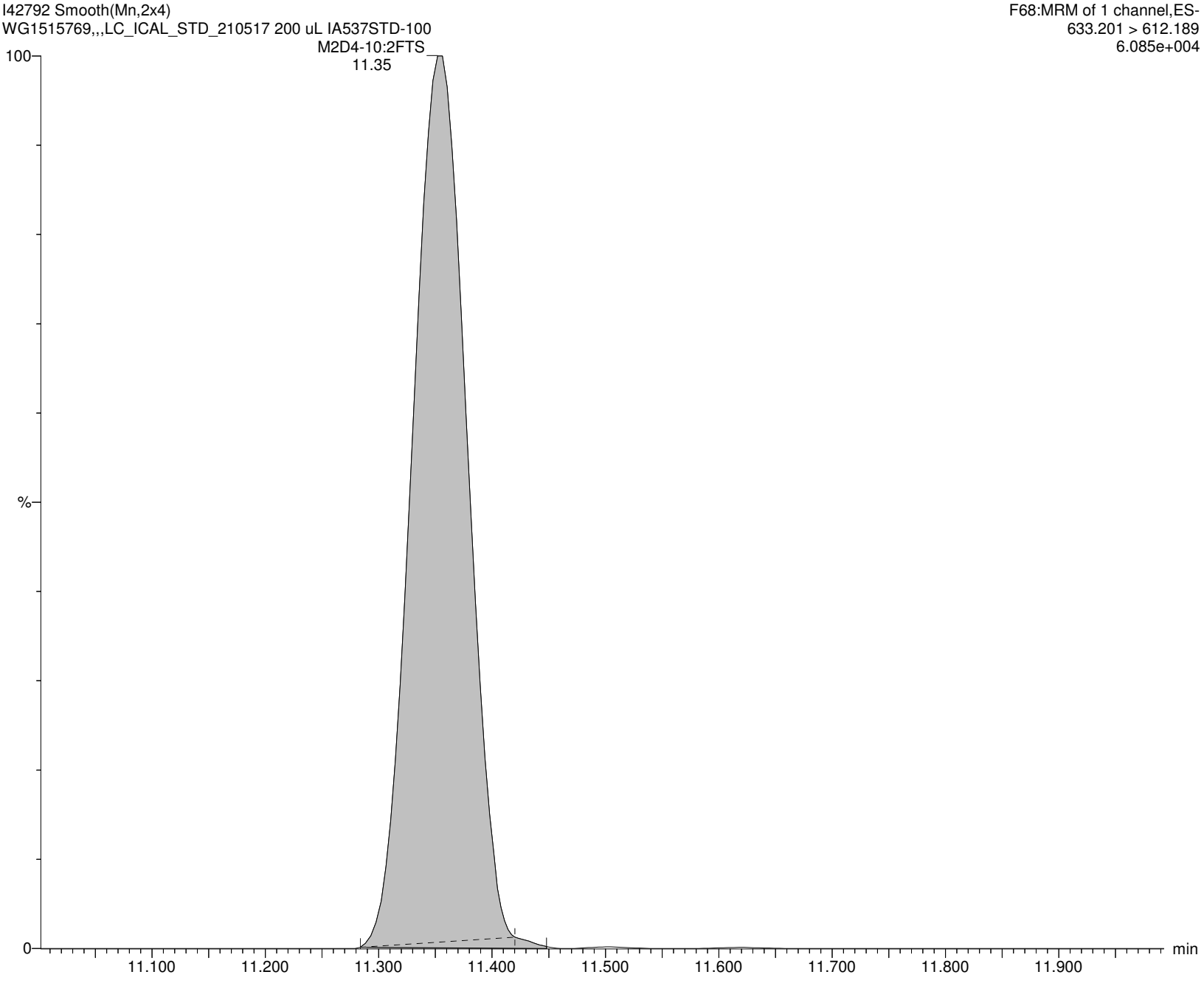


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2D4-10:2FTS

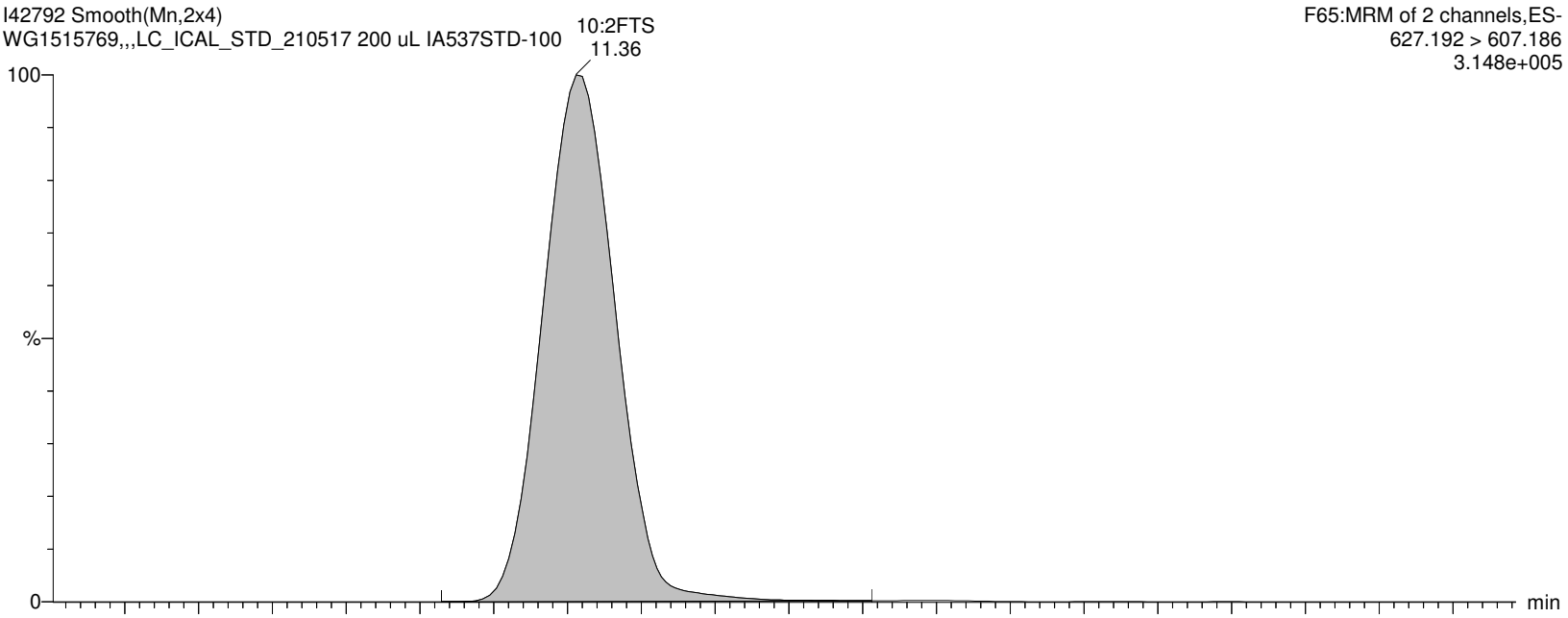


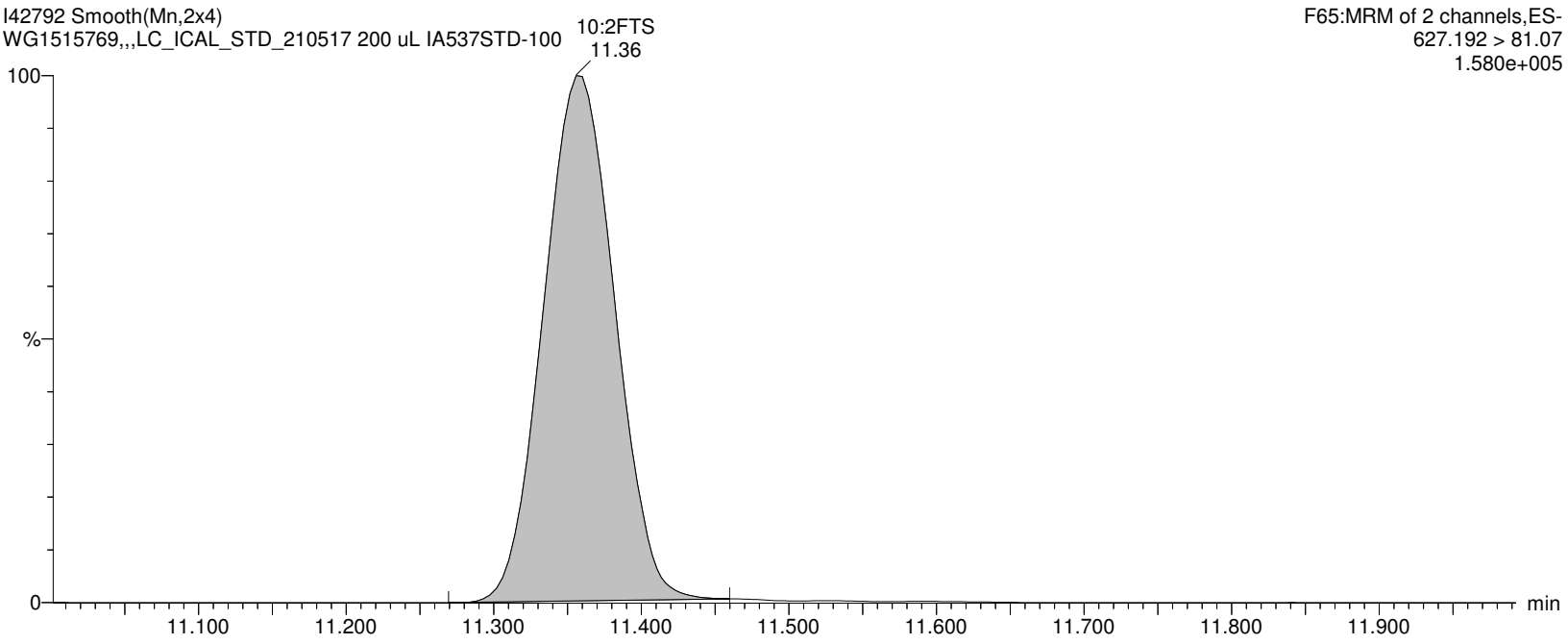
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

10:2FTS



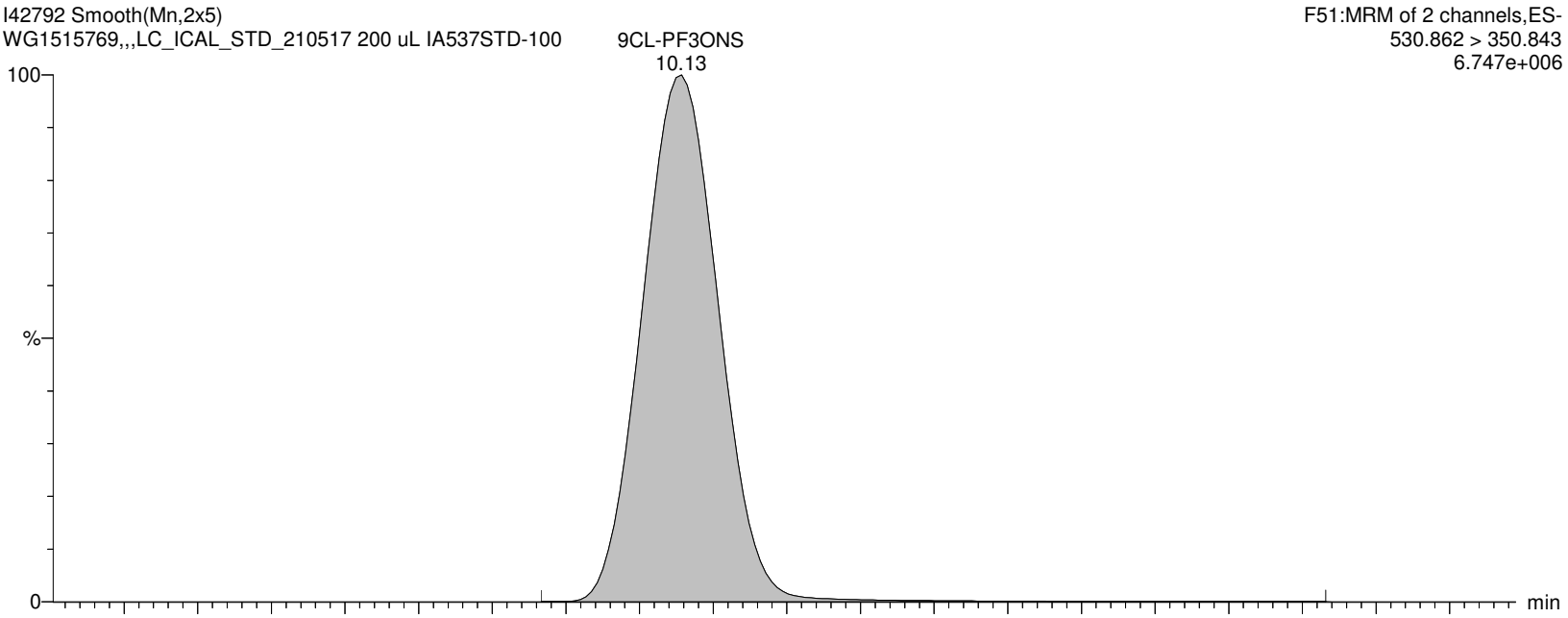


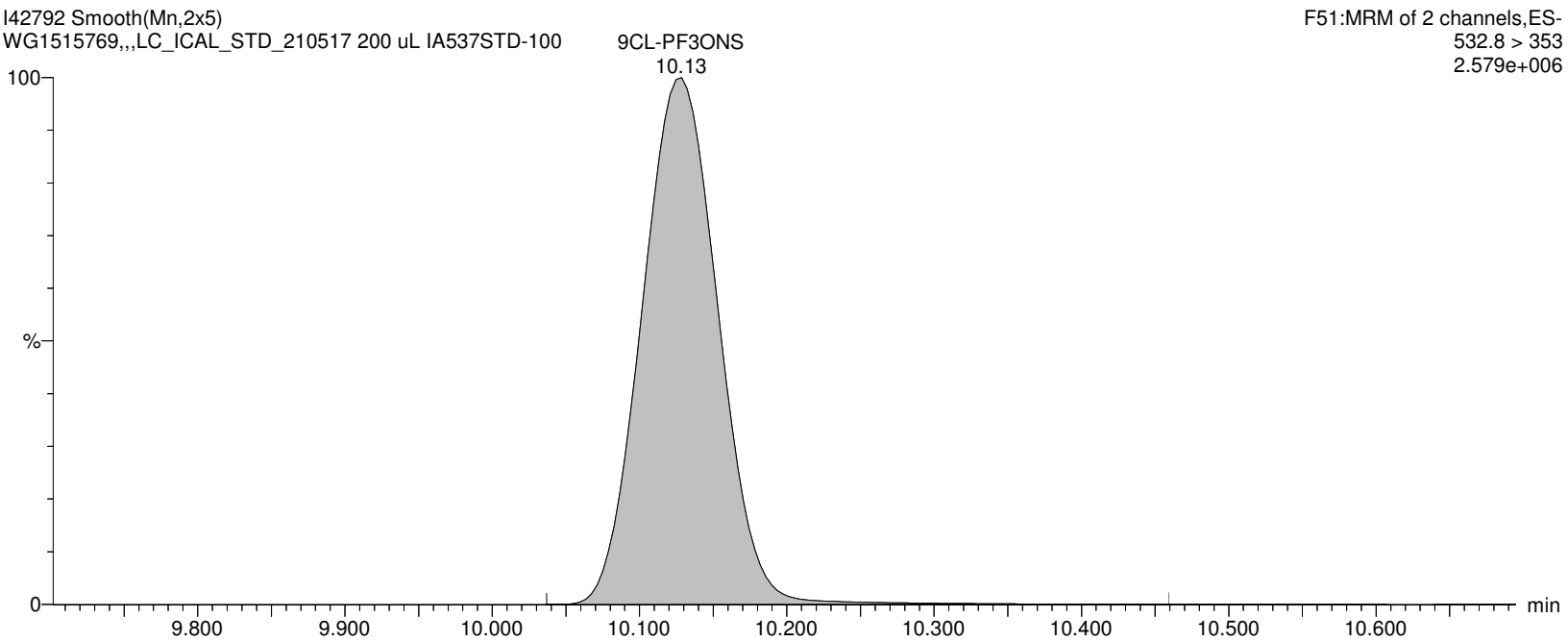
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

9CL-PF3ONS



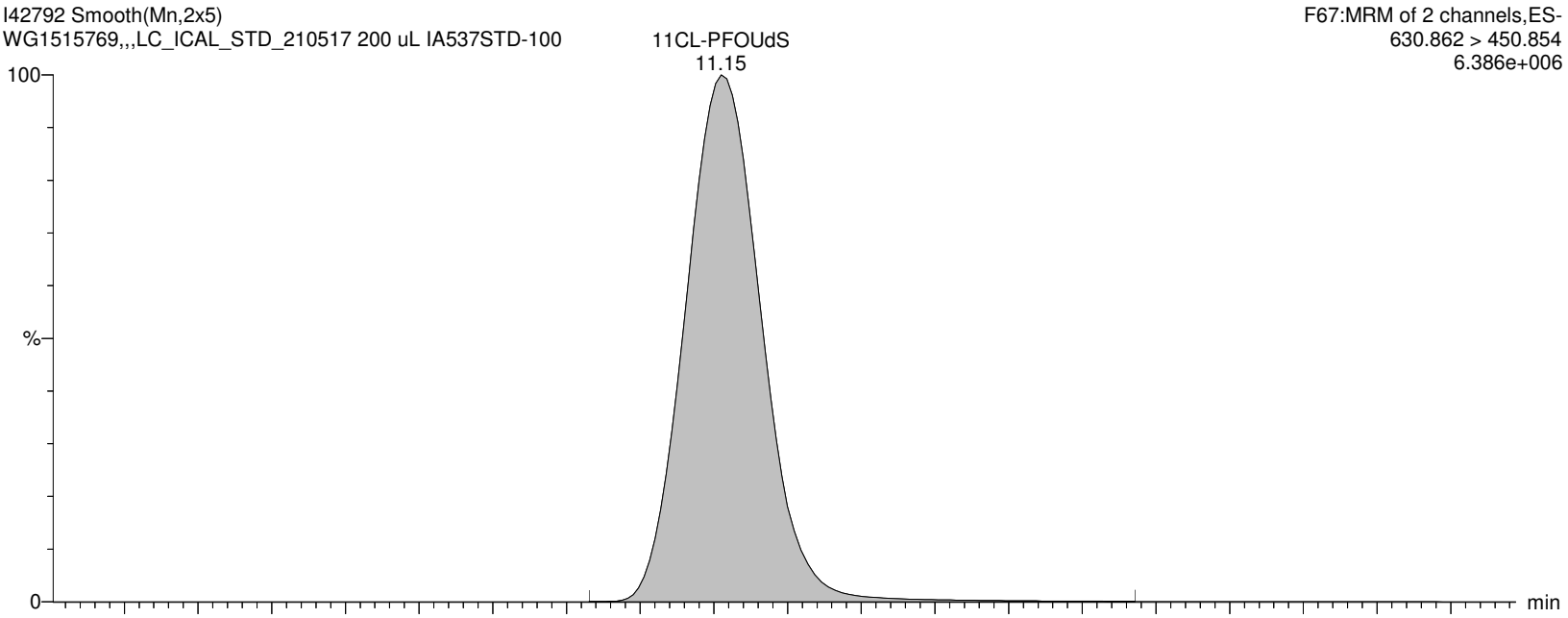


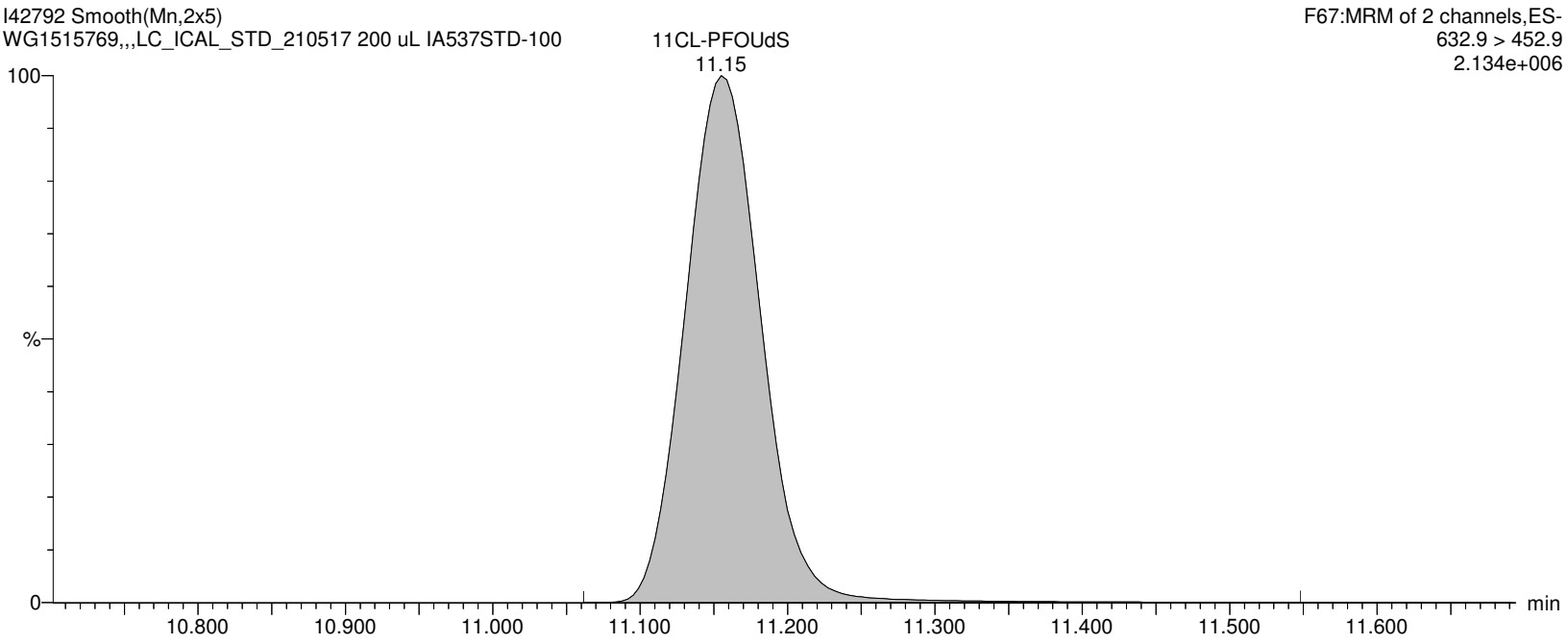
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

11CL-PFOUdS



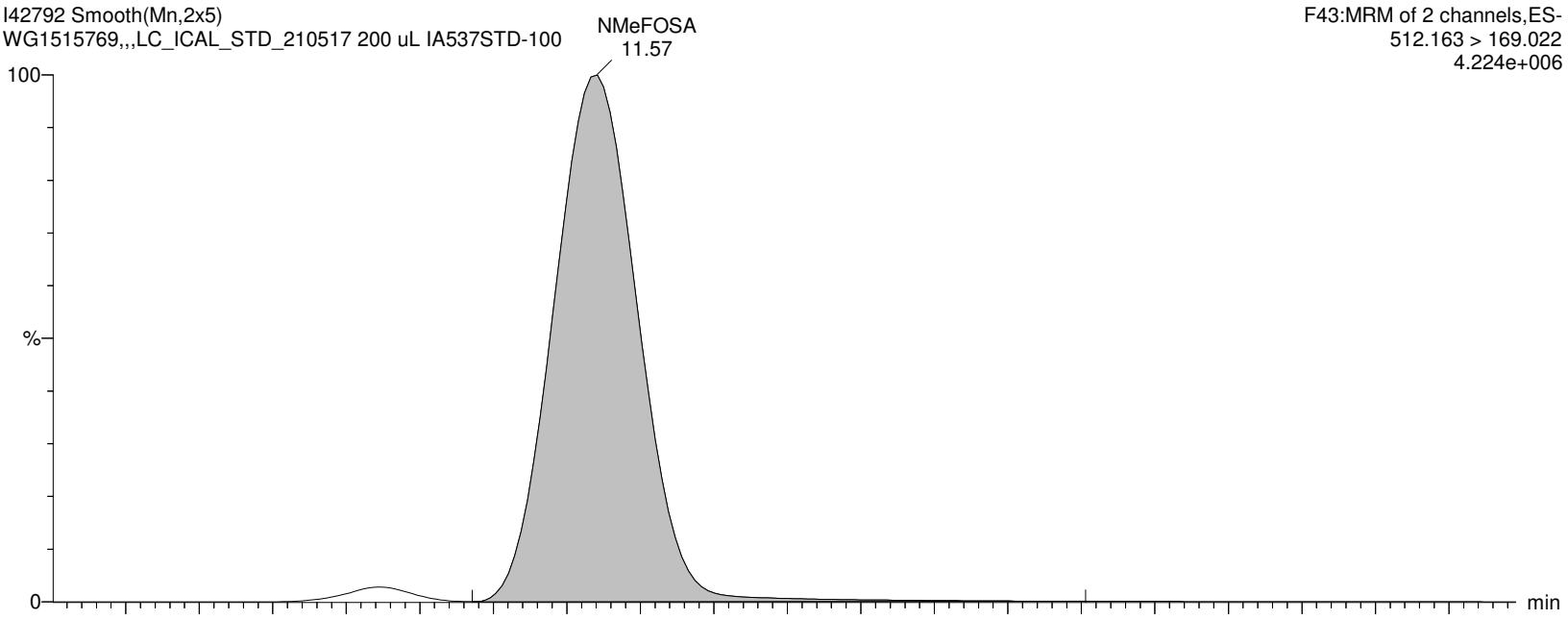


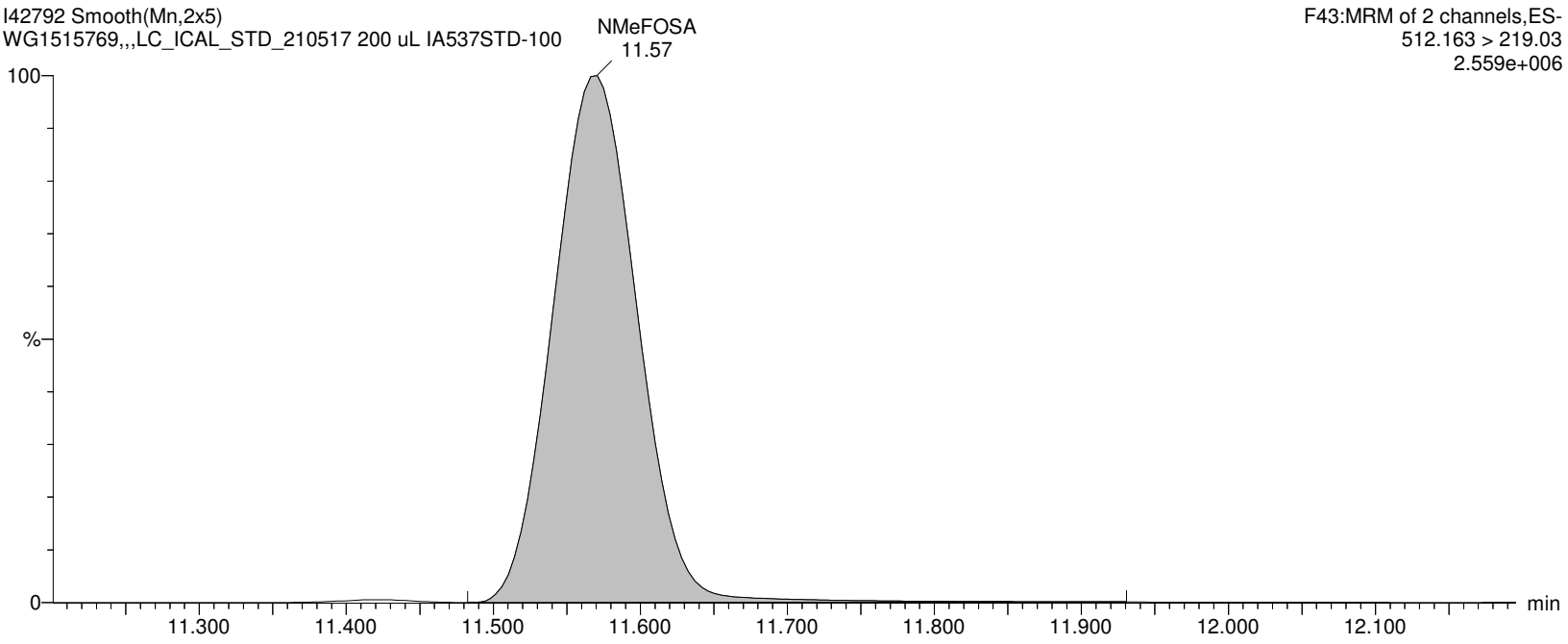
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSA



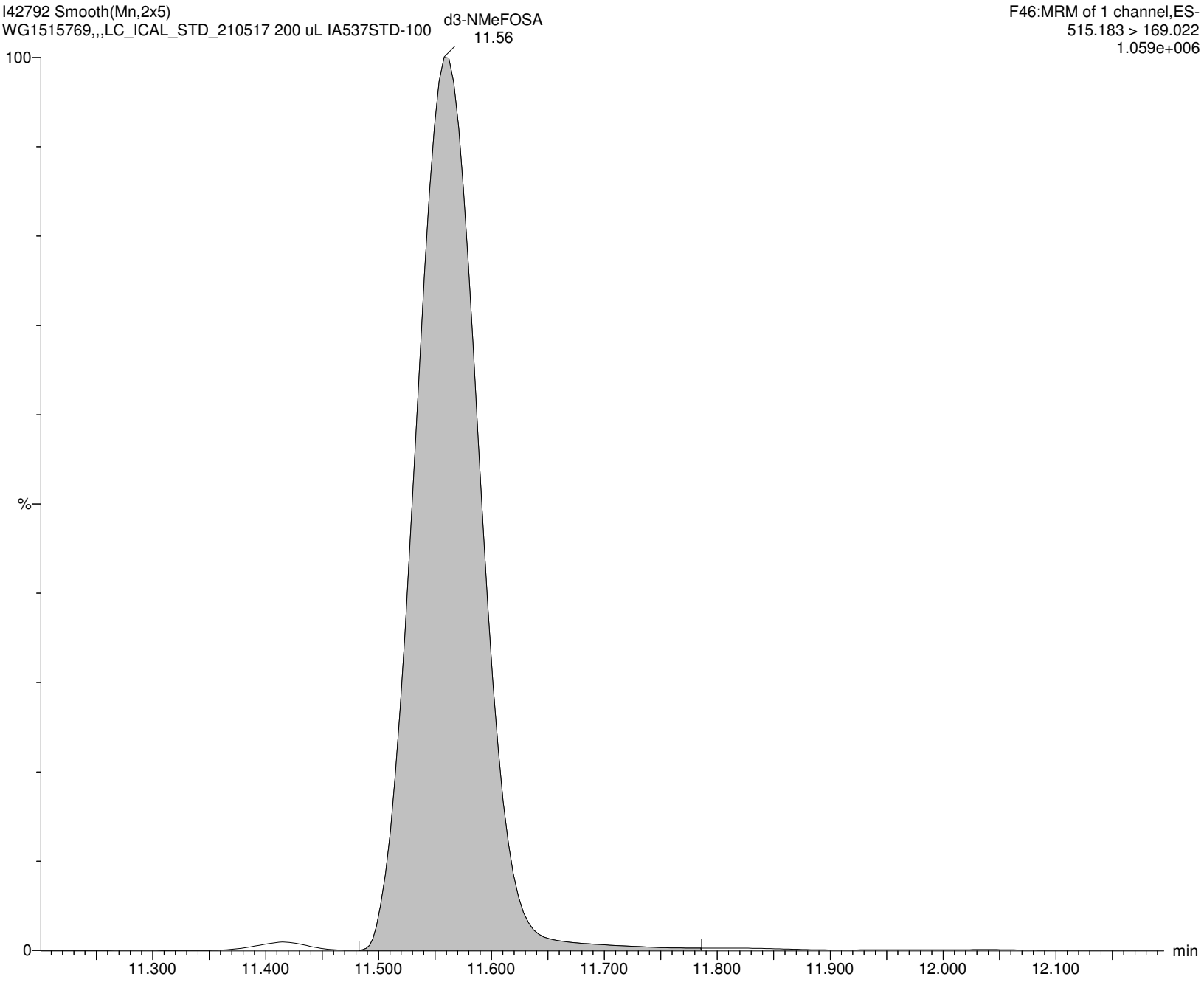


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSA

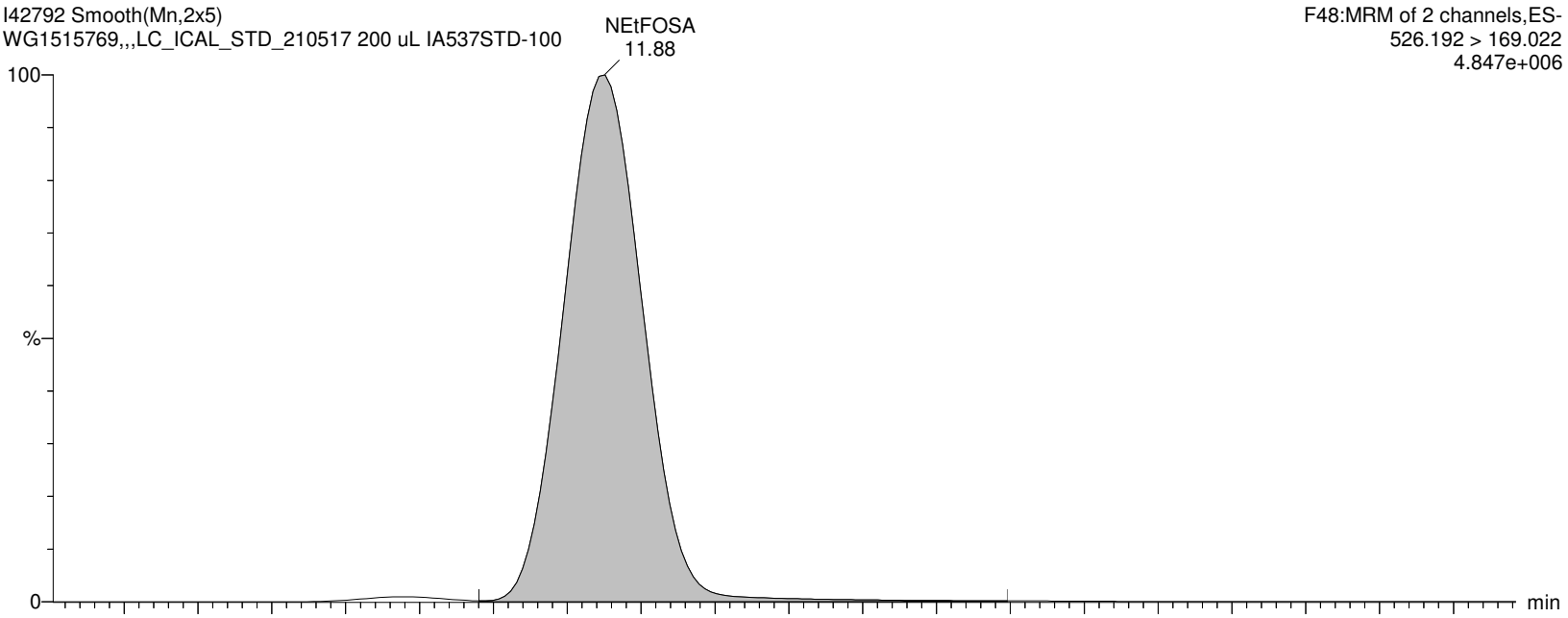


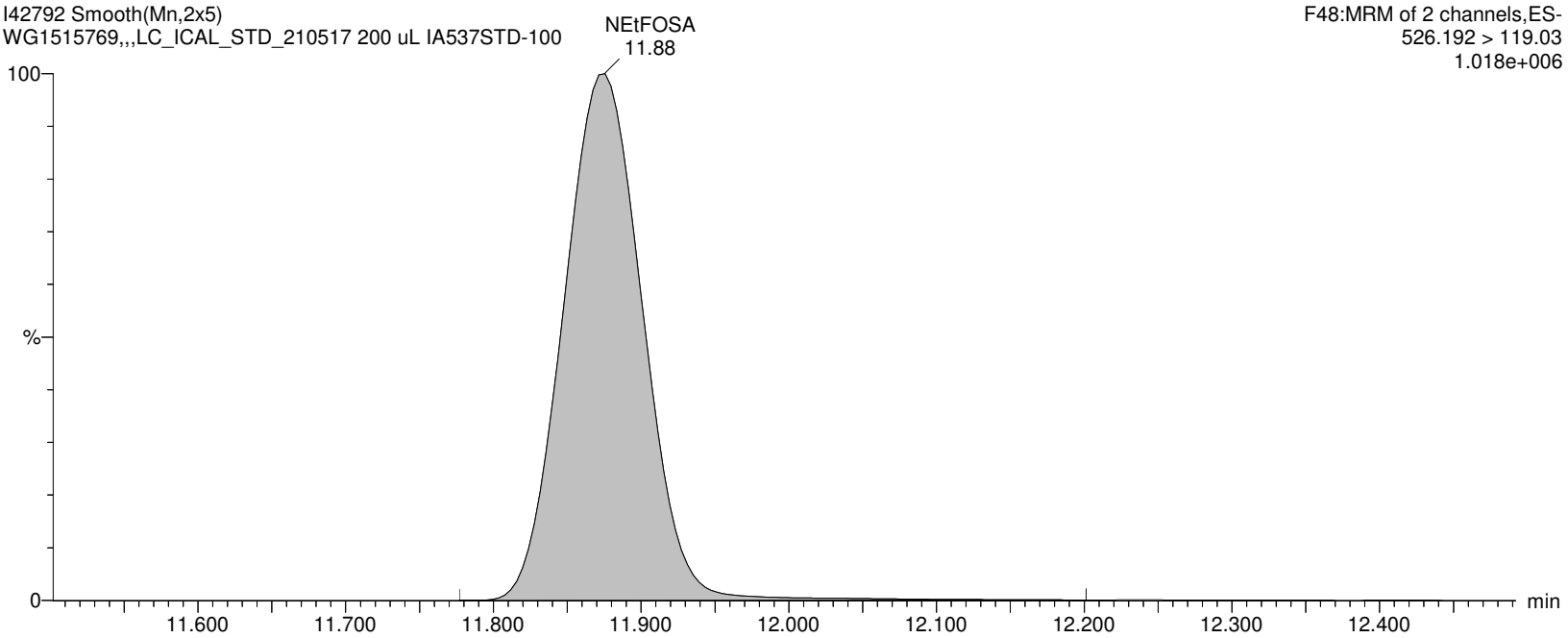
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSA



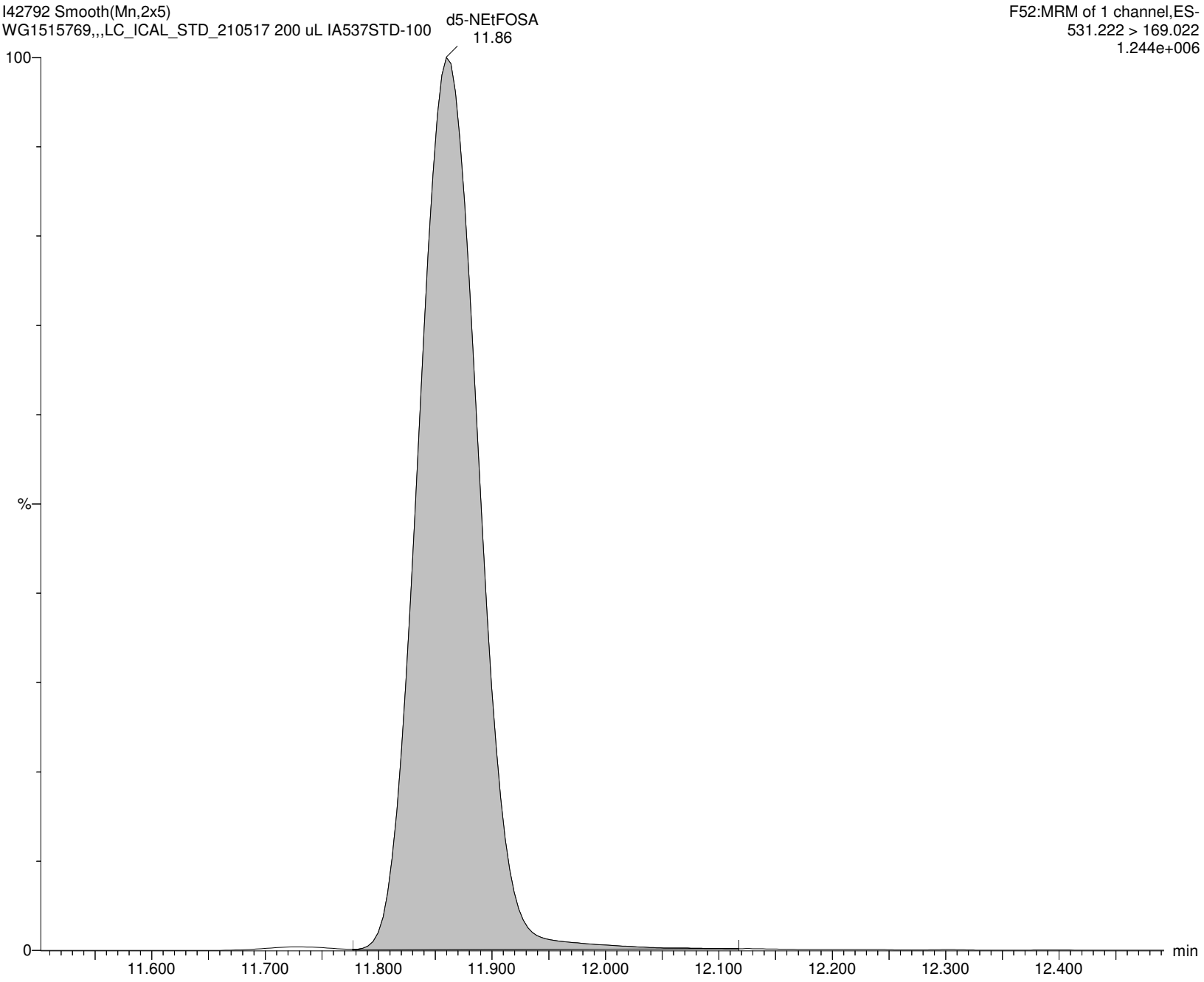


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSA

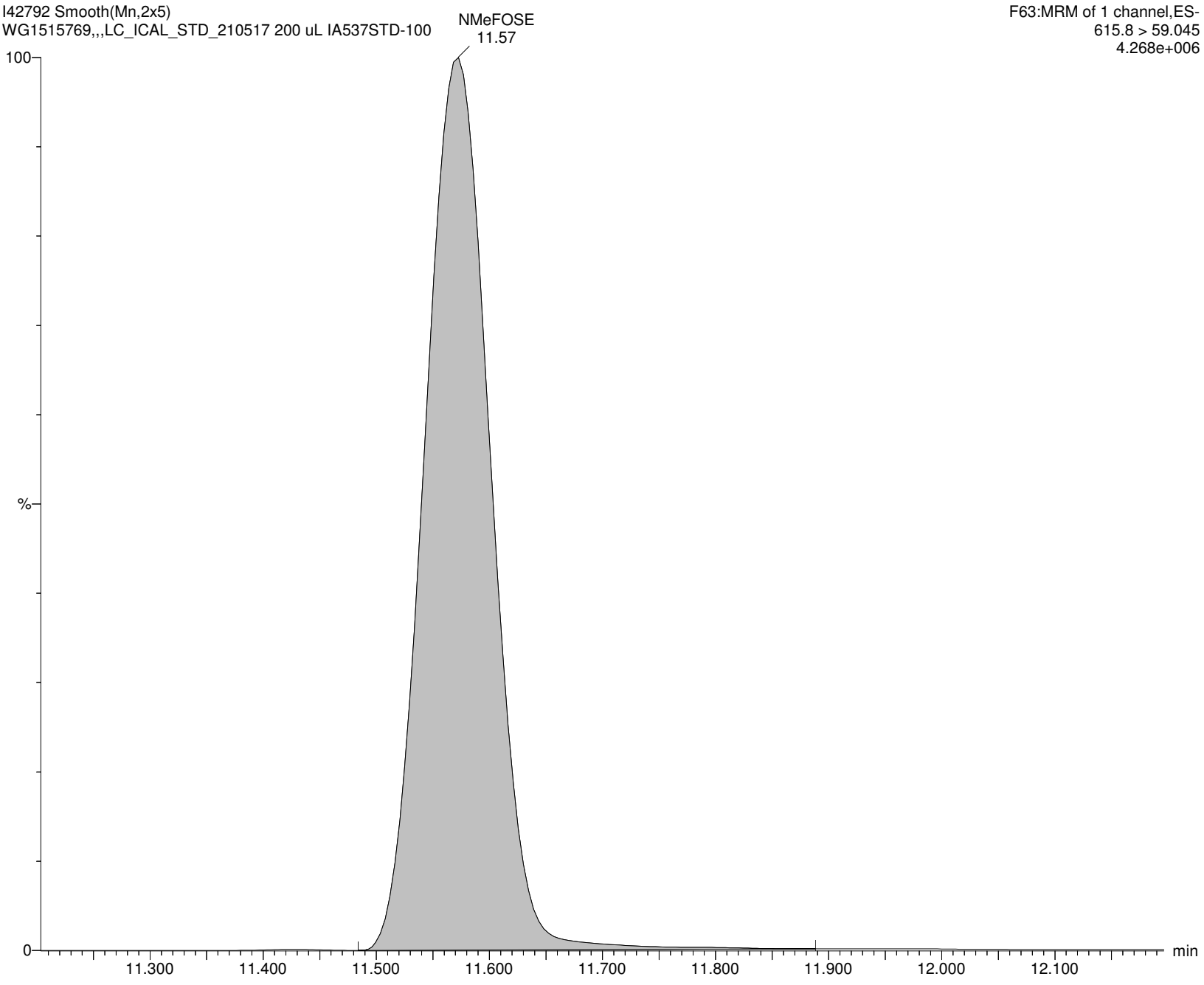


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSE

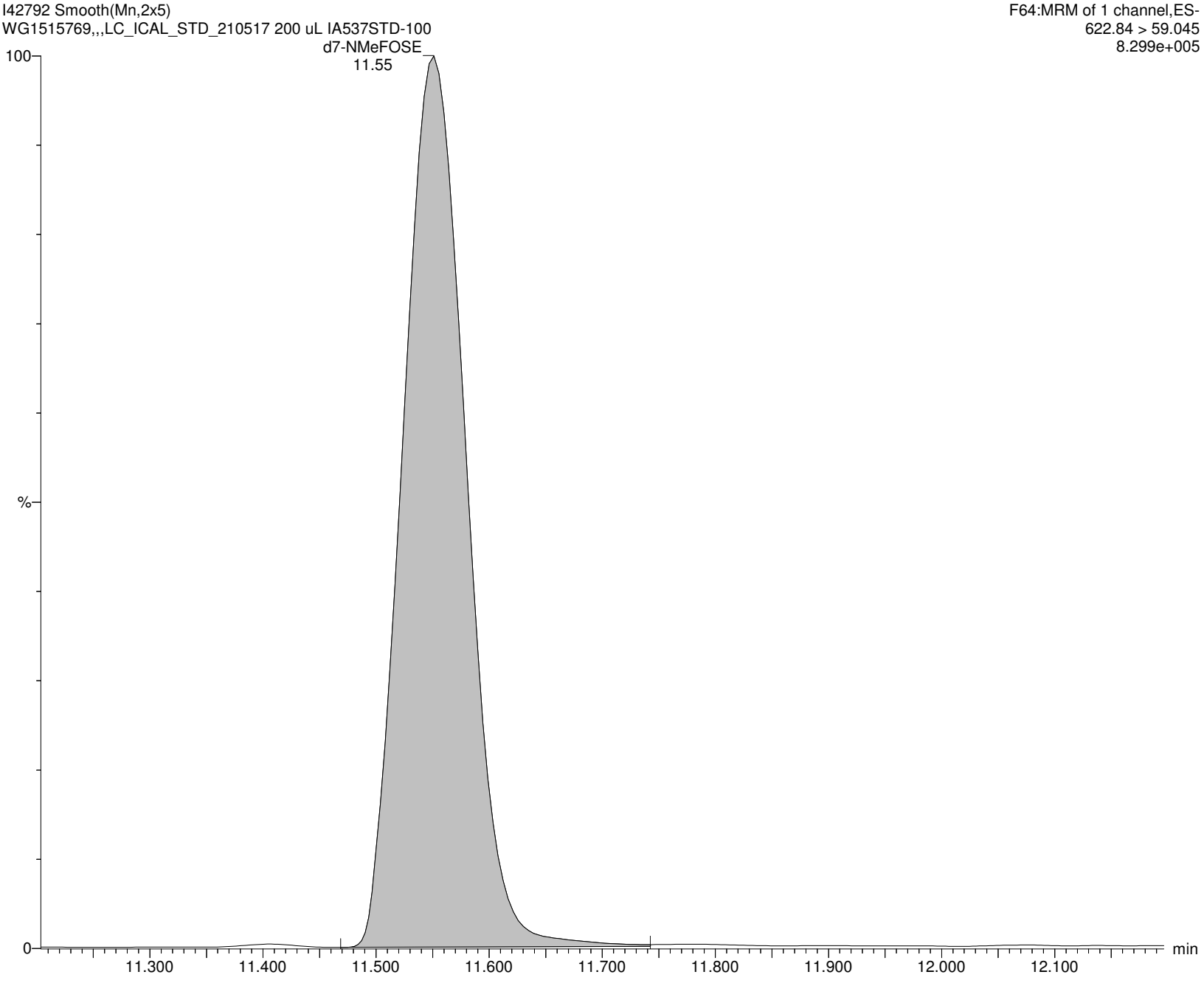


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d7-NMeFOSE

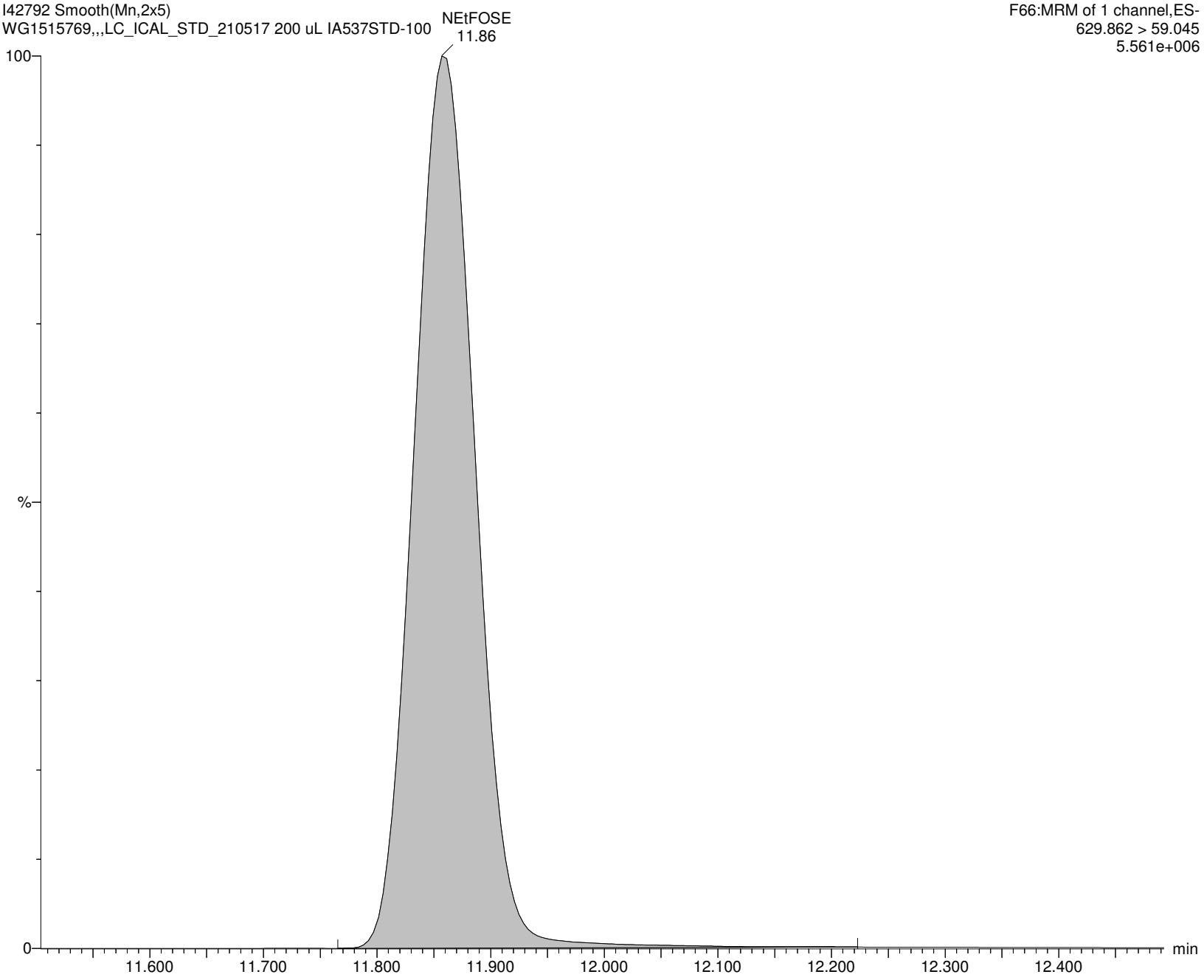


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSE

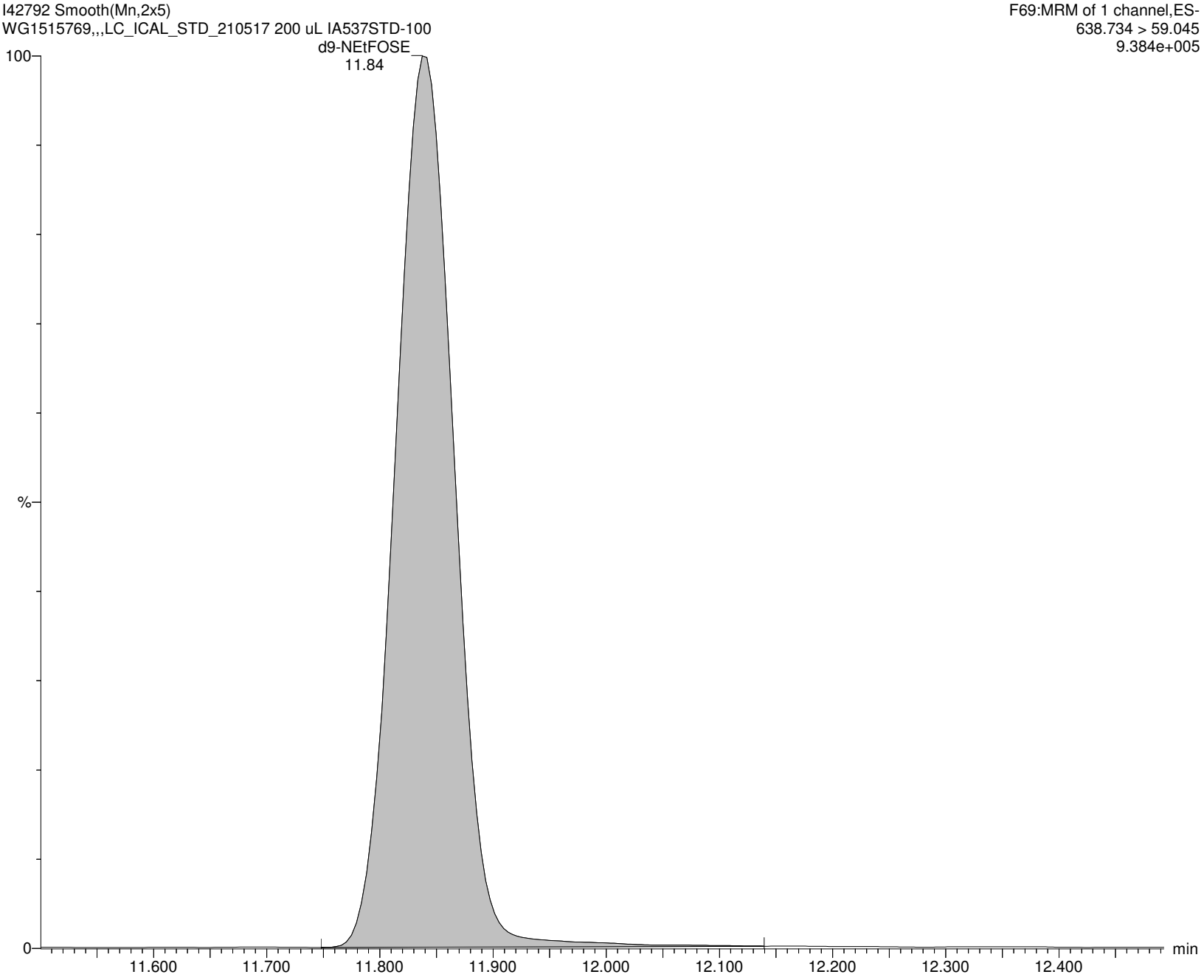


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d9-NEtFOSE

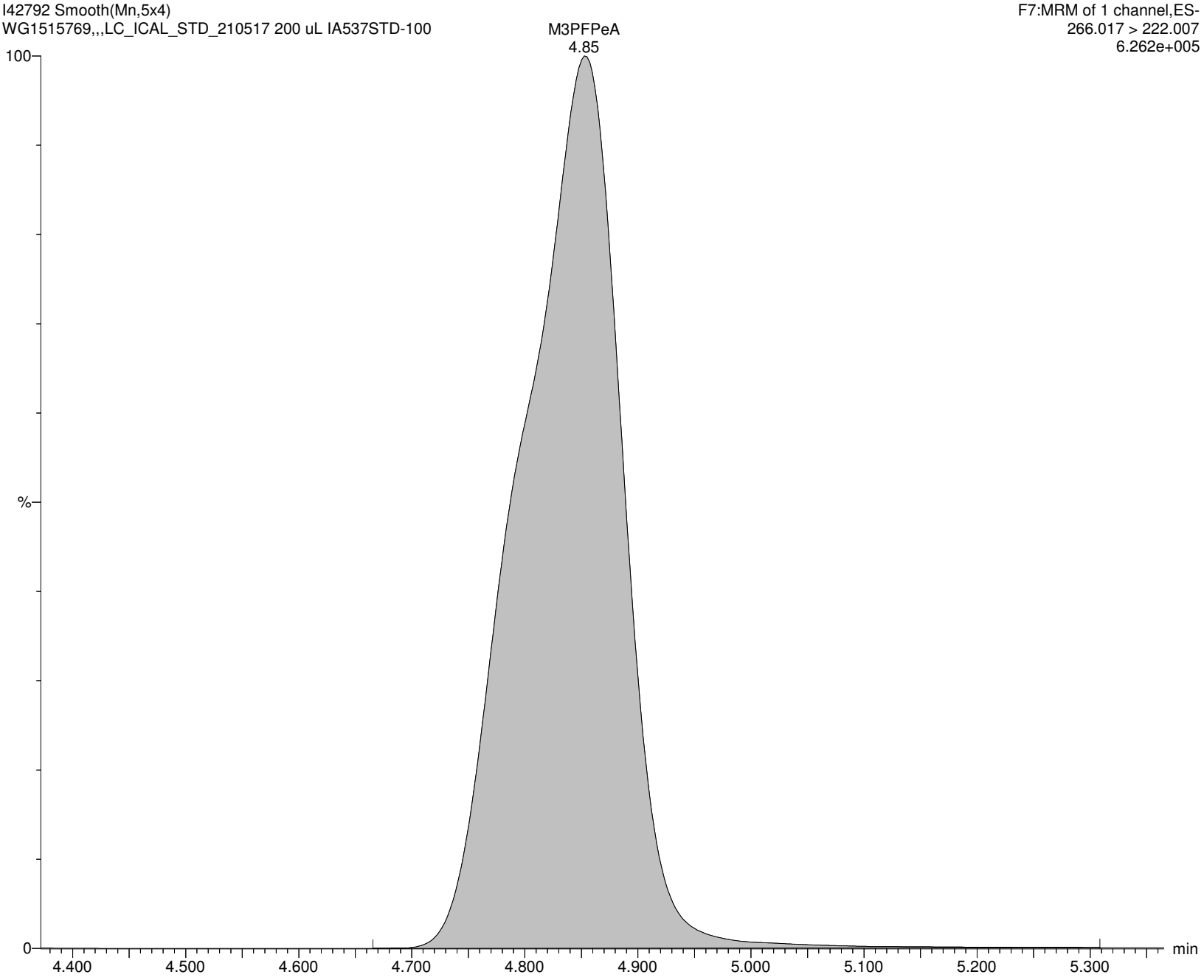


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFPeA

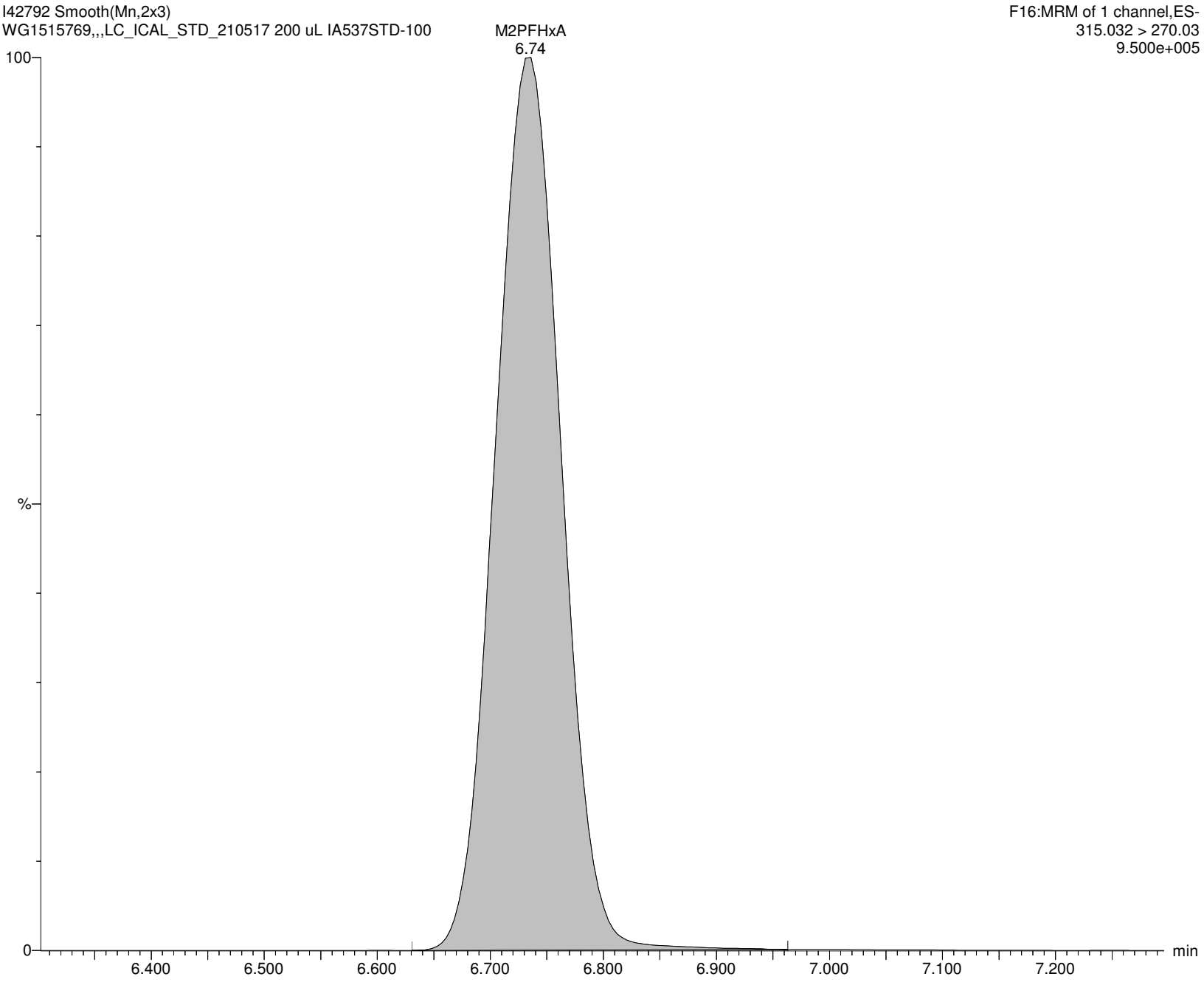


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFHxA

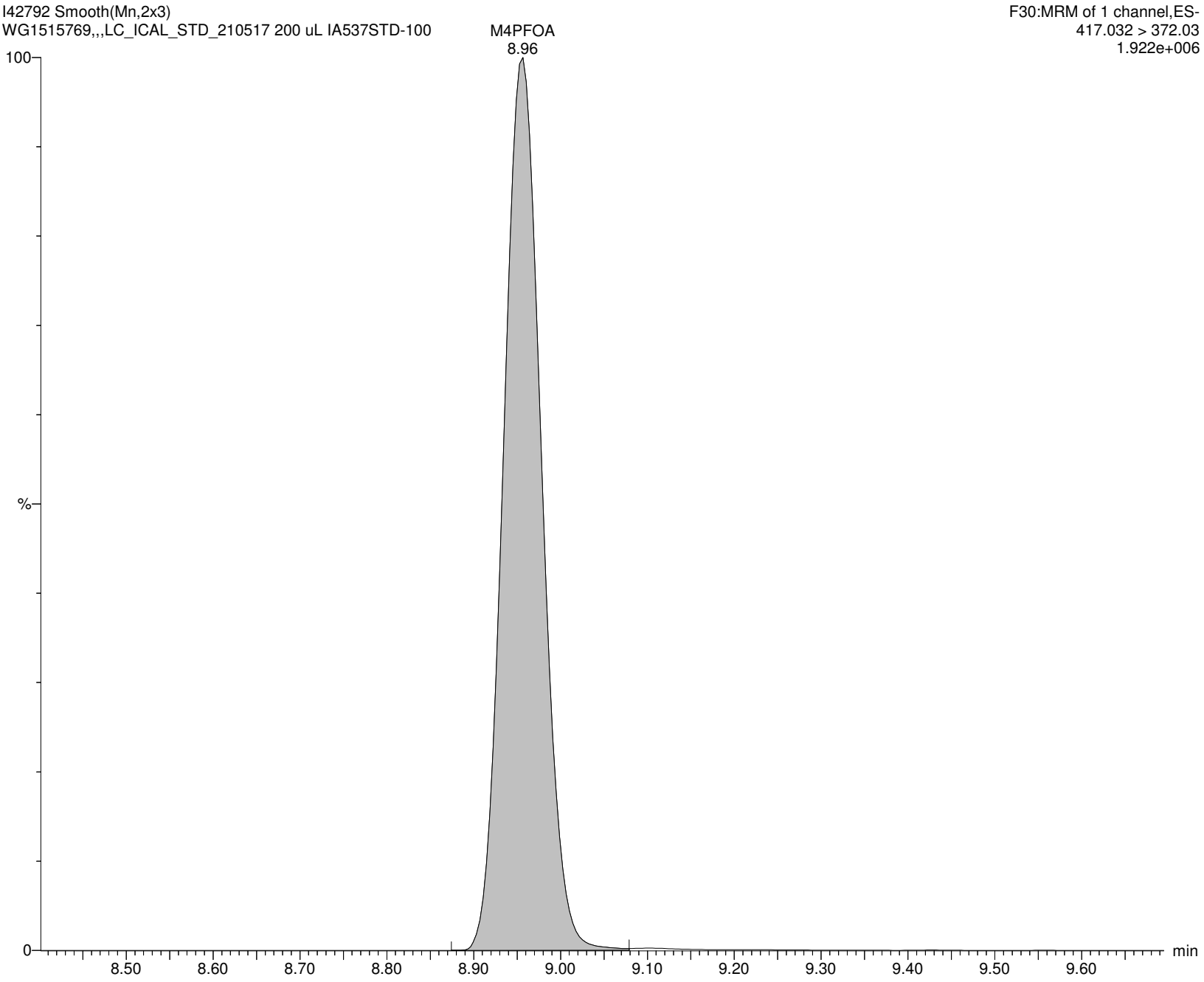


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOA

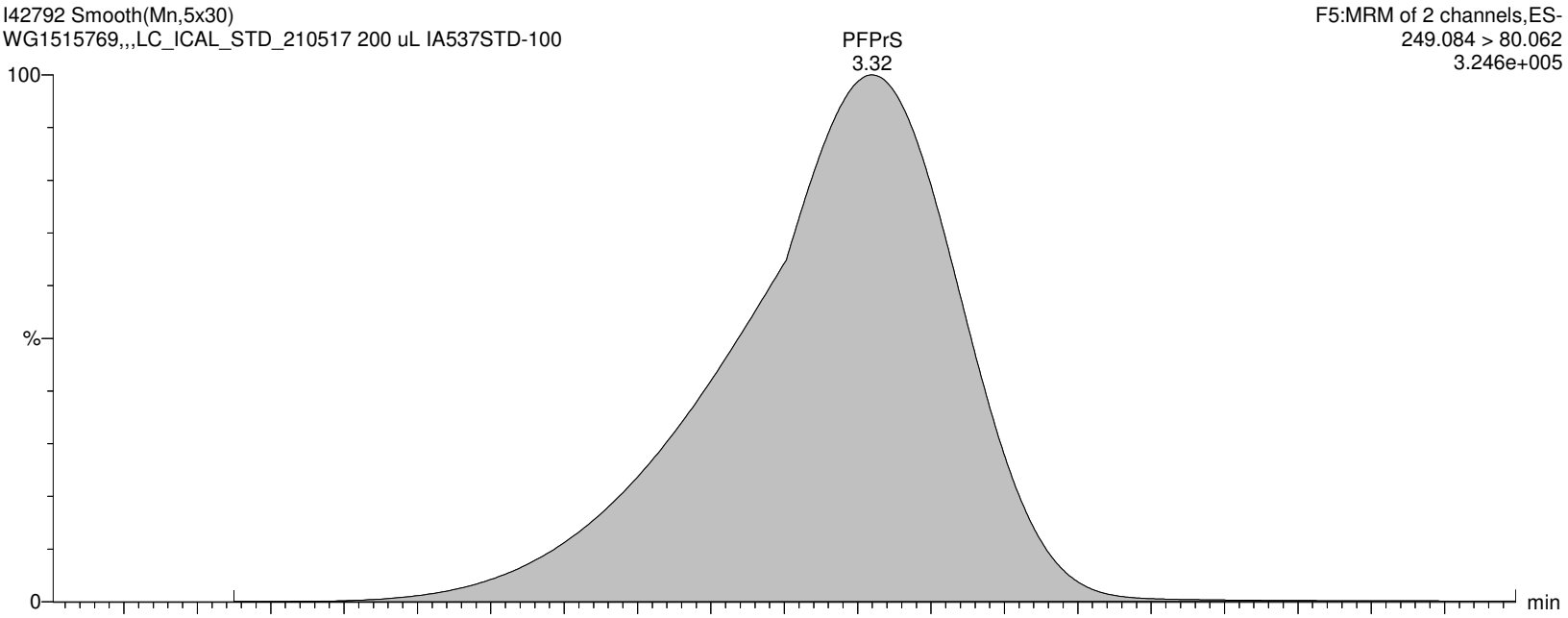


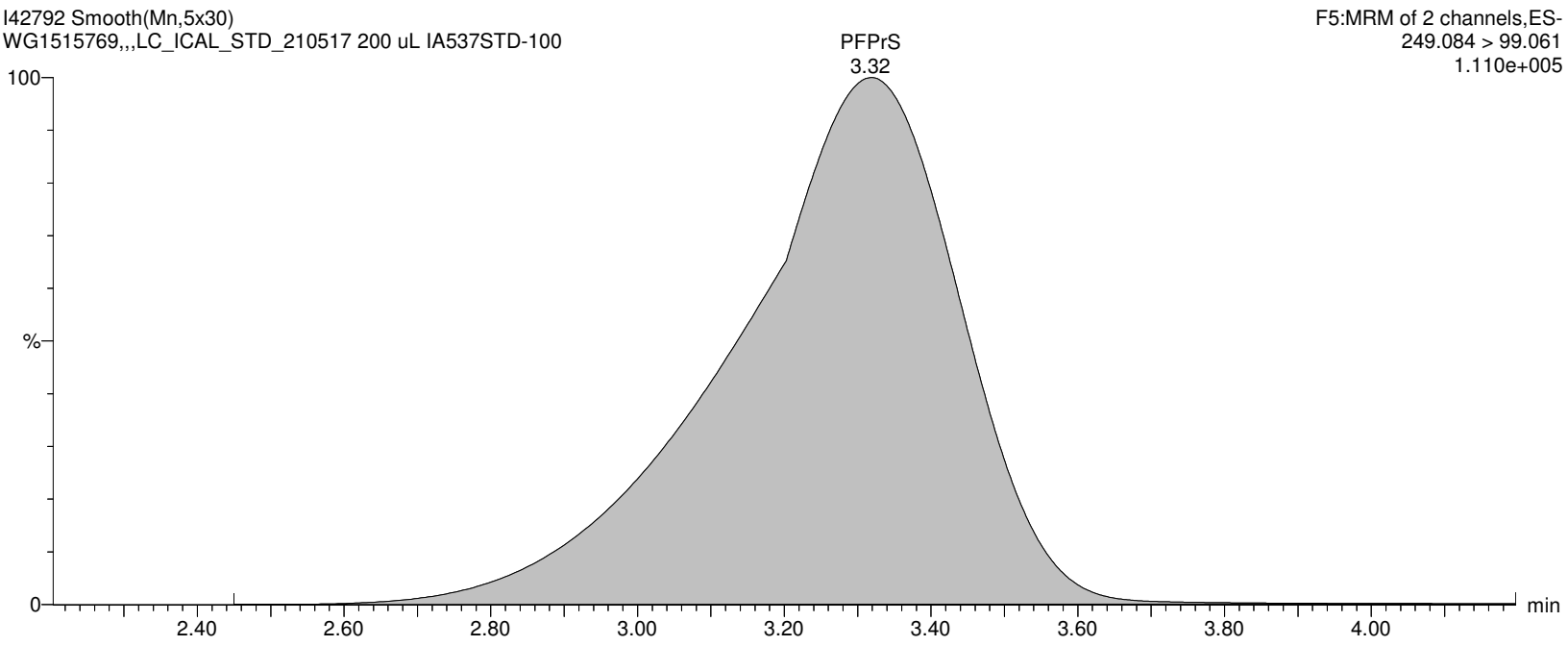
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPrS



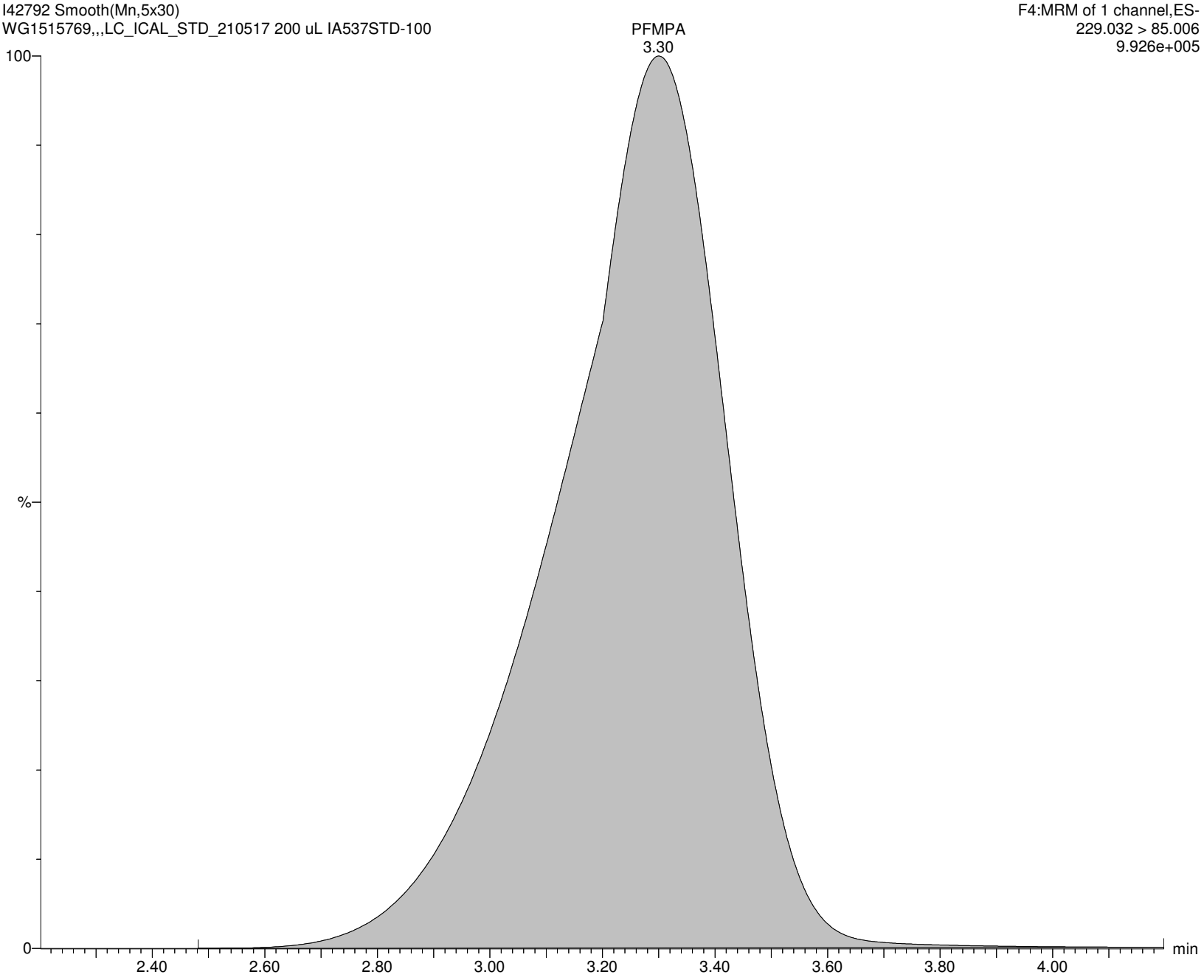


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFMPA

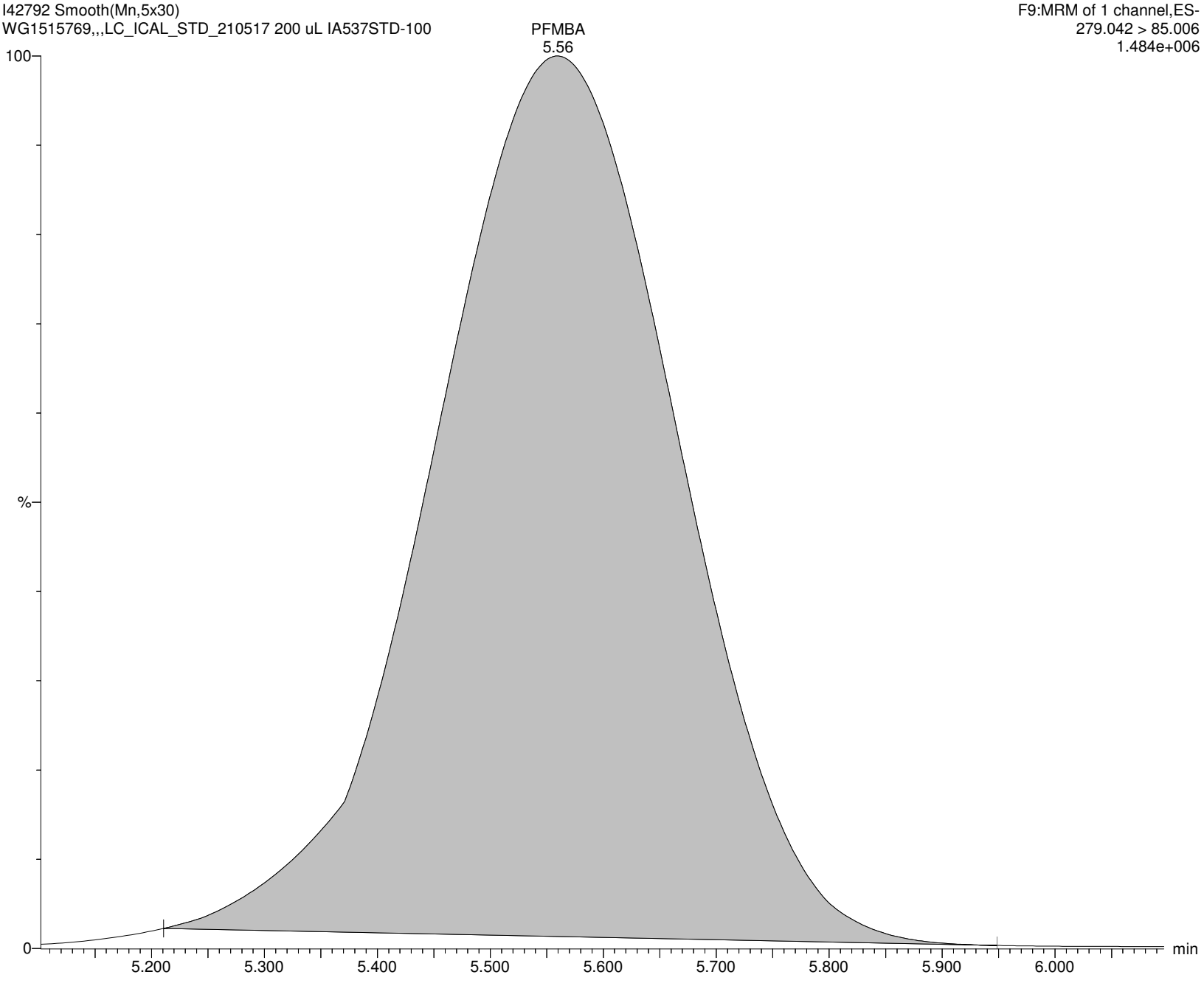


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFMBA

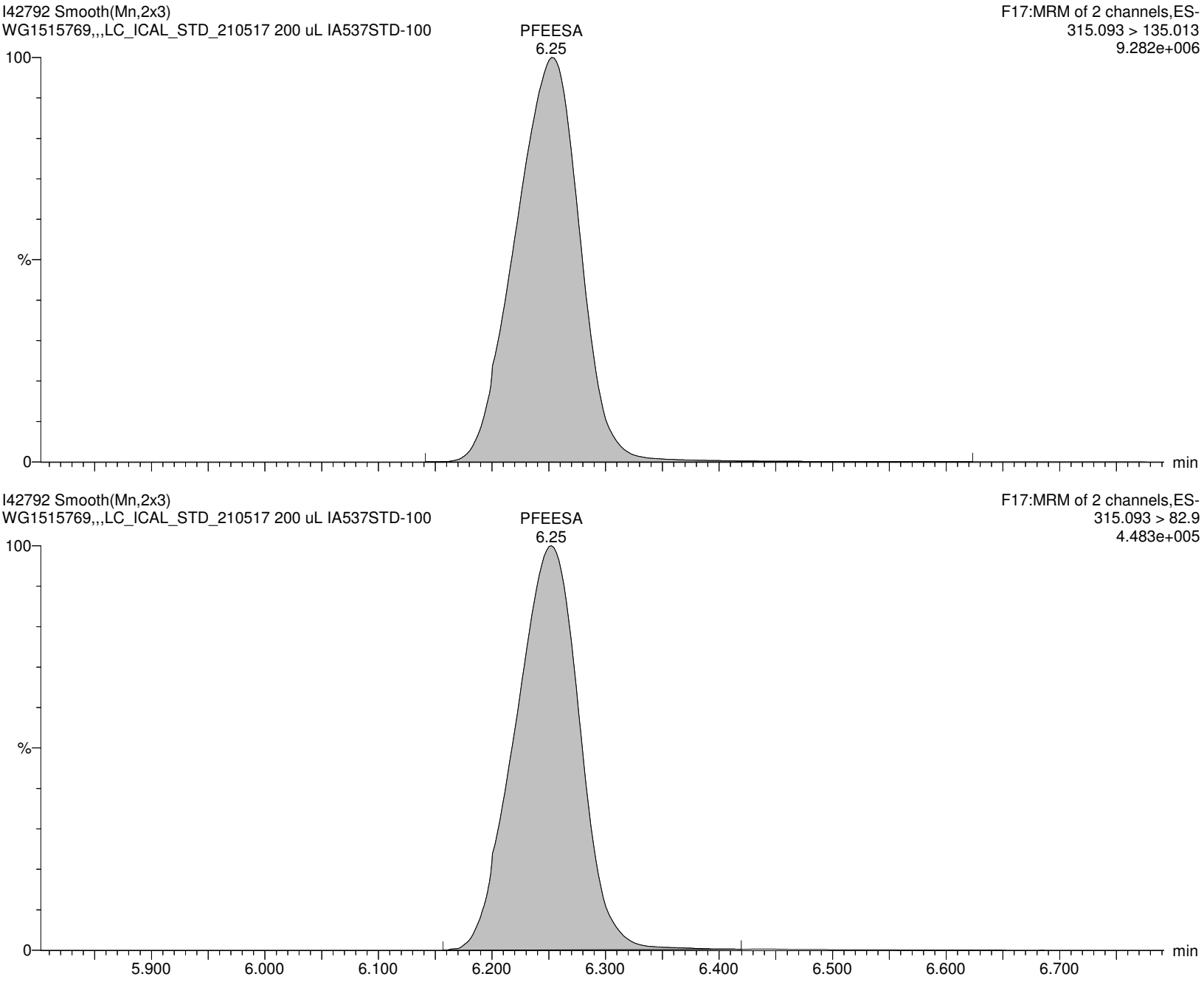


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFEESA

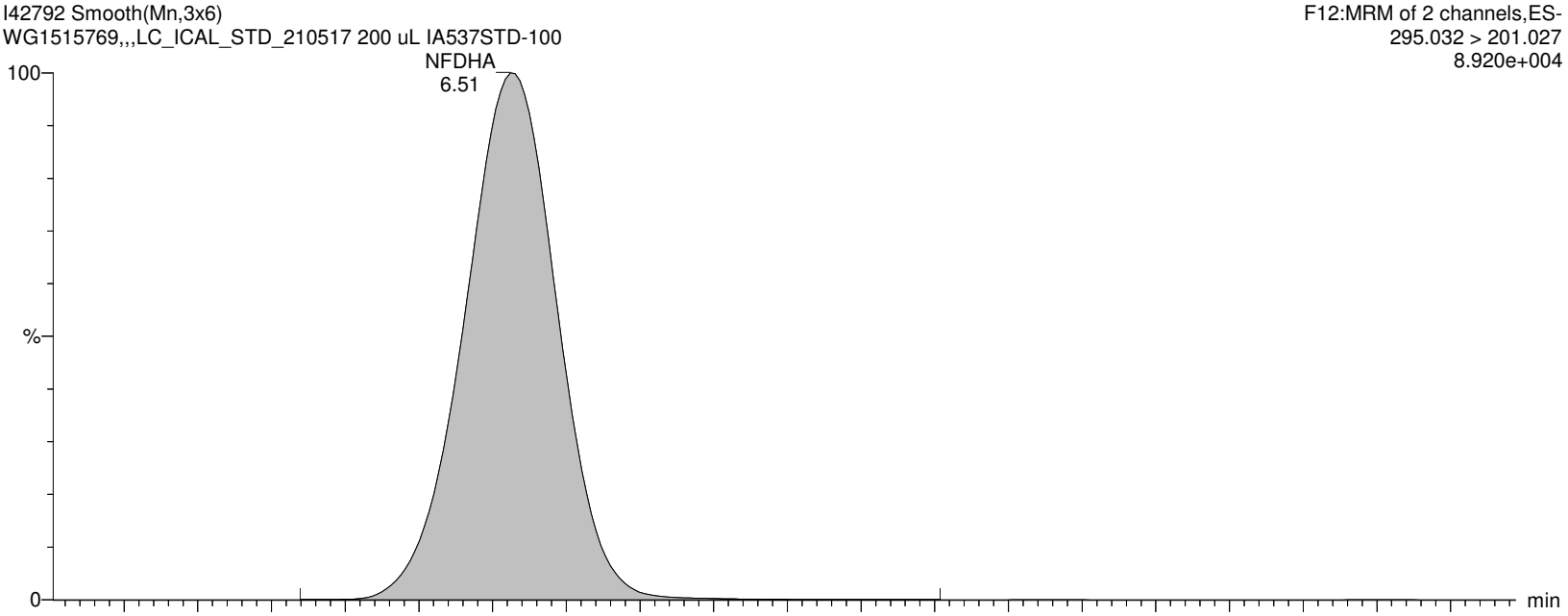


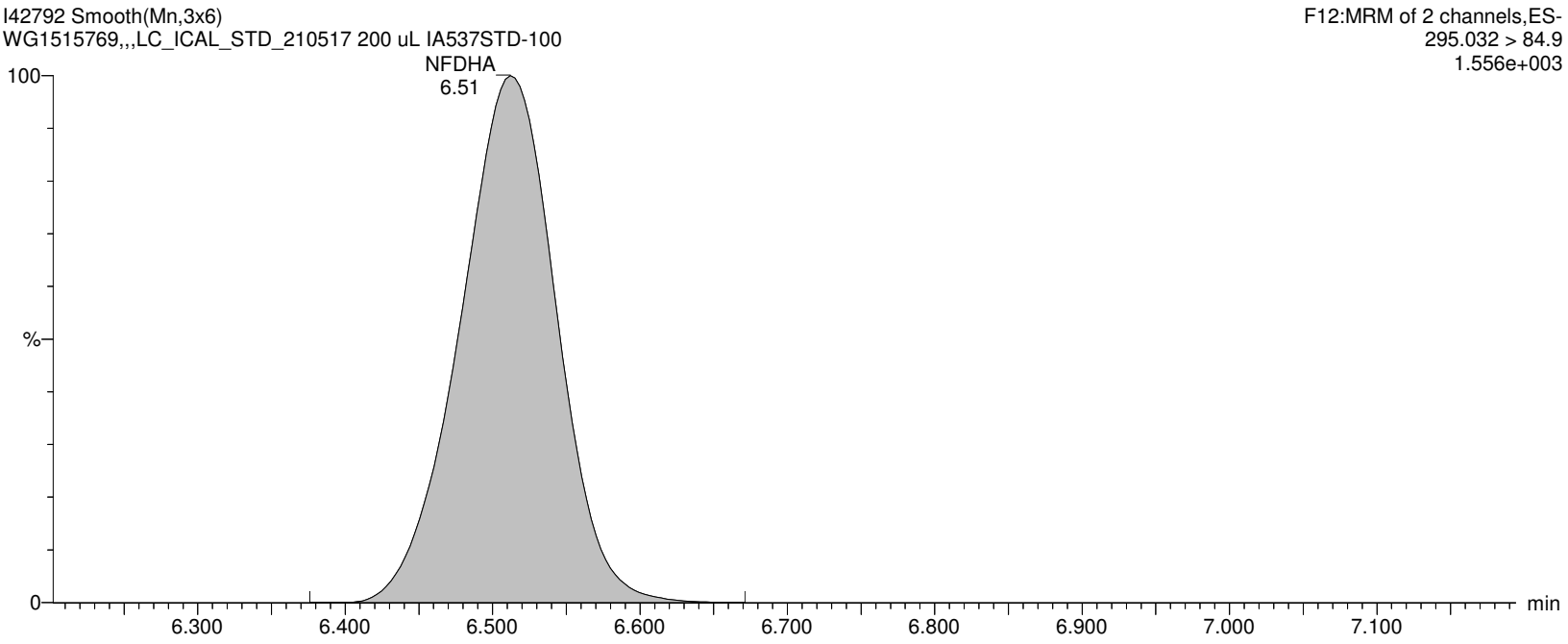
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NFDHA





all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\MethDB\537ISO_Q_210625_TOP_RT.mdb 22 Jun 2021 09:28:25
Calibration: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

ID: IA537STD-250
Name: I42793
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	1.97	213.032 > 169.022	1129428		261.148		na	104.5
2	M3PFBA	INT STD	1.97	216.009 > 171.999	46961		8.945		na	89.5
3	MPFBA	INT STD	1.97	217.001 > 171.999	48597		9.624		na	96.2
4	PFPeA	2706-90-3	4.84	263.039 > 219.03	1223624		260.948		na	104.4
5	M5PFPEA	INT STD	4.85	268.001 > 222.999	49834		8.994		na	89.9
6	PFBS	375-73-5	5.51	299.092 > 80.062	232379		230.748	1.92	NO	104.3
7	M3PFBS	INT STD	5.51	302.069 > 80.062	9270		10.499		na	105.0
8	4:2FTS	757124-72-4	6.66	327.146 > 307.139	99728		ND	2.55	NO	
9	M2-4:2FTS	INT STD	6.66	329.13 > 309.124	9132		25.813		na	258.1
10	PFHxA	307-24-4	6.73	313.047 > 269.037	1359091		262.649	16.04	NO	105.1
11	M5PFHxA	INT STD	6.73	318.009 > 273.007	48768		9.742		na	97.4
12	PFPeS	2706-91-4	7.06	349.1 > 80.062	242835		235.713	2.29	NO	100.3
13	PFHpA	375-85-9	8.02	363.055 > 319.045	1849843		262.162	5.51	NO	104.9
14	M4PFHpA	INT STD	8.01	367.025 > 322.022	69738		9.344		na	93.4
15	br-PFHxS	355-46-4	7.95	399.107 > 80.062	58257	M5,M7	42.588	2.18	NO	100.2
16	L-PFHxS	355-46-4	8.18	399.107 > 80.062	195719		195.344	1.62	NO	105.6
17	PFHxS	355-46-4		399.107 > 80.062	253976		237.932		na	
18	M3PFHxS	INT STD	8.18	402.084 > 80.062	9183		9.171		na	91.7
19	br-PFOA	335-67-1		413.063 > 369.053			ND		YES	
20	L-PFOA	335-67-1	8.96	413.063 > 369.053	1987290		260.595	8.86	NO	104.2
21	PFOA	335-67-1		413.063 > 369.053	1987290		260.595		na	
22	M8PFOA	INT STD	8.96	421.002 > 376.	79135		9.521		na	95.2
23	M2PFOA	INT STD	8.96	415.048 > 370.045	81871		7.730		na	77.3
24	6:2FTS	27619-97-2	8.92	427.161 > 407.155	93903		ND	3.75	NO	
25	M2-6:2FTS	INT STD	8.92	429.146 > 409.14	8563		23.575		na	235.7
26	PFHpS	375-92-8	9.06	449.115 > 80.062	151962		243.712	1.09	NO	102.6
27	PFNA	375-95-1	9.72	463.071 > 419.061	1399159		260.450	3.76	NO	104.2
28	M9PFNA	INT STD	9.72	472.002 > 427.	21506		9.008		na	90.1
29	br-PFOS	1763-23-1	9.59	499.123 > 80.062	73906	M5,M7	50.097	4.39	NO	100.2
30	L-PFOS	1763-23-1	9.77	499.123 > 80.062	165170		182.960	1.78	NO	100.3
31	PFOS	1763-23-1		499.123 > 80.062	239076		233.057		na	
32	M4PFOS	INT STD	9.78	503.093 > 80.062	8002		7.070		na	70.7
33	M8PFOS	INT STD	9.77	507.062 > 80.062	8703		9.706		na	97.1
34	PFDA	335-76-2	10.34	513.078 > 469.069	1160781		265.995	5.52	NO	106.4
35	M2PFDA	INT STD	10.34	515.053 > 469.934	43200		7.082		na	70.8
36	M6PFDA	INT STD	10.34	519.033 > 474.03	43854		8.944		na	89.4
37	8:2FTS	39108-34-4	10.32	527.177 > 507.171	35877		ND	4.68	NO	
38	M2-8:2FTS	INT STD	10.33	529.162 > 509.155	5271		19.740		na	197.4
39	PFNS	68259-12-1	10.37	549.131 > 80.062	163817		243.651	1.45	NO	101.5

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

ID: IA537STD-250
Name: I42793
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.75	573.22 > 419.061	5802		12.553		na	125.5
41	br-NMeFOSAA		10.60	570.202 > 419.061	16379	M5,M7	60.058	1.22	NO	100.1
42	L-NMeFOSAA		10.76	570.202 > 419.061	122471		193.773	2.43	NO	102.0
43	NMeFOSAA	2355-31-9		570.202 > 419.061	138850		253.832		na	
44	PFUnA	2058-94-8	10.87	563.086 > 519.076	1009107		263.082	9.59	NO	105.2
45	M7-PFUDA	INT STD	10.87	570.033 > 525.031	38026		8.316		na	83.2
46	PFDS	335-77-3	10.90	599.139 > 80.062	177675		245.927	1.70	NO	101.9
47	FOSA	754-91-6	10.94	498.146 > 78.07	599007		262.142	120.76	NO	104.9
48	M8FOSA	INT STD	10.94	506.077 > 78.07	26690		10.054		na	100.5
49	br-NEtFOSAA		10.92	584.229 > 419.061	9468	M5,M7	56.294	0.63	NO	100.1
50	L-NEtFOSAA		11.06	584.229 > 419.061	91838		202.188	1.18	NO	104.4
51	NEtFOSAA	2991-50-6		584.229 > 419.061	101306		258.482		na	
52	d5-NEtFOSAA	INT STD	11.05	589.259 > 419.061	4604		12.056		na	120.6
53	PFDoA	307-55-1	11.34	613.094 > 569.084	1206442		259.319	18.40	NO	103.7
54	MPFDOA	INT STD	11.34	615.079 > 570.077	44304		10.042		na	100.4
55	PFTrDA	72629-94-8	11.75	663.102 > 619.092	839587		247.049	11.06	NO	98.8
56	PFTA	376-06-7	12.11	713.11 > 669.1	750971		262.016	9.24	NO	104.8
57	M2PFTEDA	INT STD	12.11	715.094 > 670.092	14721		10.638		na	106.4
58	M3HFPO-DA	INT STD	7.16	287.02 > 169.022	3012		130.010		na	65.0
59	HFPO-DA	13252-13-6	7.16	285.035 > 169.022	37733		2580.692	0.77	YES	103.2
60	ADONA	958445-44-8	8.20	377.06 > 251.028	1531728		243.737	40.26	NO	103.0
61	PFHxDA		12.63	813.122 > 769.116	353563		259.681	21.50	NO	103.9
62	PFODA		12.86	913.411 > 869.131	43996	M4	263.930	21.46	NO	105.6
63	M2PFHxDA		12.63	815.102 > 770.108	20593		10.160		na	101.6
64	PFDoS		11.75	699.154 > 80.062	118863	M4,M7	251.882	2.22	NO	100.8
65	M2D4-10:2FTS		11.35	633.201 > 612.189	2467	M4	17.452		na	88.3
66	10:2FTS		11.36	627.192 > 607.186	36972	M2,M7	255.088	2.09	NO	105.8
67	9CL-PF3ONS		10.12	530.862 > 350.843	864989		246.906	2.67	NO	106.0
68	11CL-PFOUdS		11.15	630.862 > 450.854	807891		249.062	3.01	NO	105.8
69	NMeFOSA		11.57	512.163 > 169.022	551148		1264.588	1.66	NO	101.2
70	d3-NMeFOSA		11.56	515.183 > 169.022	53822		98.957		na	99.0
71	NEtFOSA		11.87	526.192 > 169.022	602755		1268.452	4.67	NO	101.5
72	d5-NEtFOSA		11.86	531.222 > 169.022	59915		99.233		na	99.2
73	NMeFOSE		11.57	615.8 > 59.045	516784		617.897		na	98.9
74	d7-NMeFOSE		11.54	622.84 > 59.045	38671		86.703		na	86.7
75	NEtFOSE		11.85	629.862 > 59.045	637641		624.967		na	100.0
76	d9-NEtFOSE		11.83	638.734 > 59.045	48992		108.775		na	108.8
77	M3PFPeA		4.85	266.017 > 222.007	54746		8.077		na	80.8
78	M2PFHxA		6.73	315.032 > 270.03	54021		7.828		na	78.3
79	M4PFOA		8.96	417.032 > 372.03	77961		7.332		na	73.3
80	PFPrS	423-41-6	3.32	249.084 > 80.062	274486		229.649	2.93	NO	100.3
81	PFMPA		3.30	229.032 > 85.006	800346		255.608		na	102.2
82	PFMBA		5.56	279.042 > 85.006	830936		257.935		na	103.2

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

ID: IA537STD-250
Name: I42793
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
83	PFEESA		6.25	315.093 > 135.013	1433685		223.067	20.85	NO	100.3
84	NFDHA		6.51	295.032 > 201.027	9293		181.150	36.70	NO	72.5

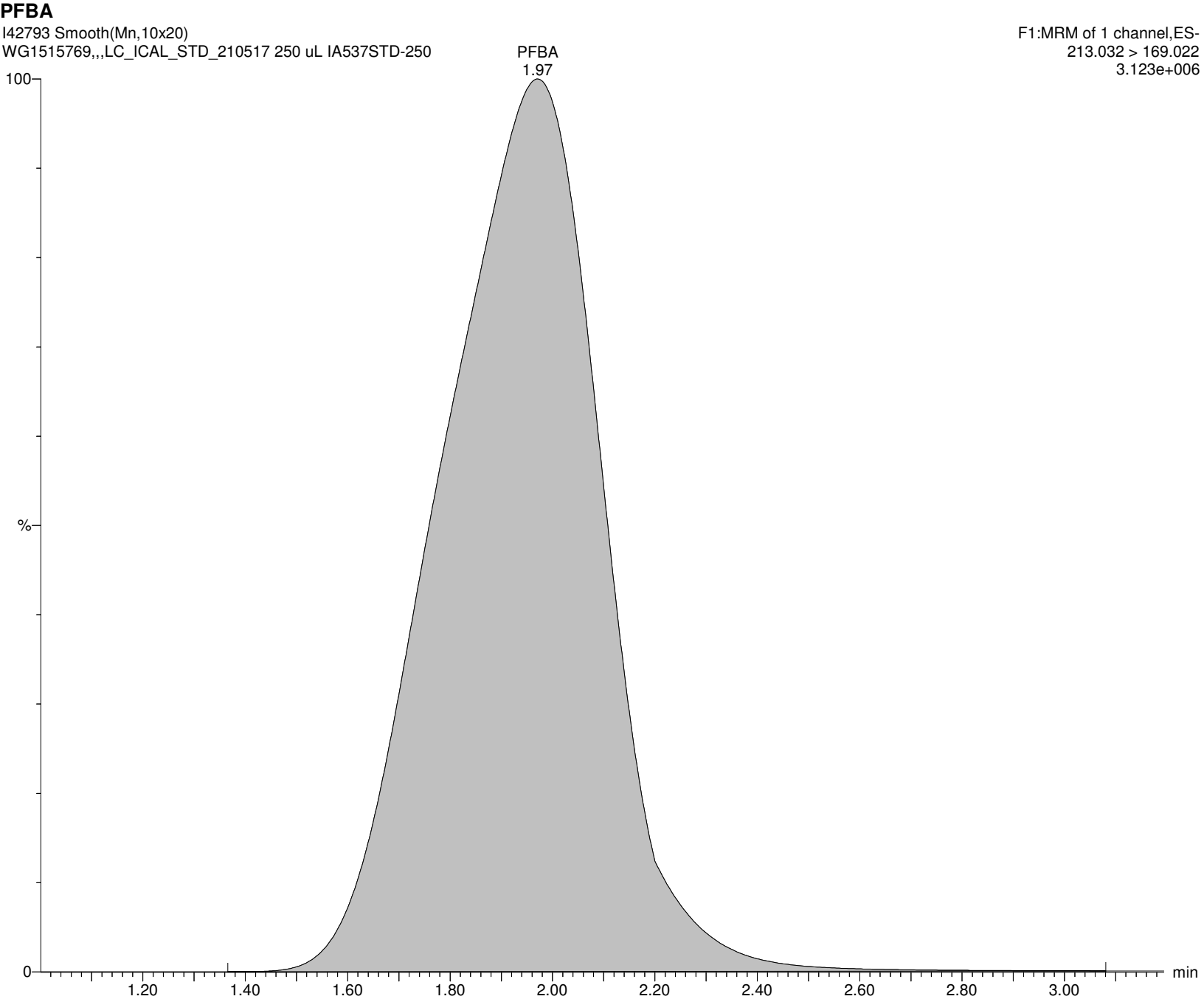
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\MethDB\537ISO_Q_210625_TOP_RT.mdb 22 Jun 2021 09:28:25
Calibration: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBA

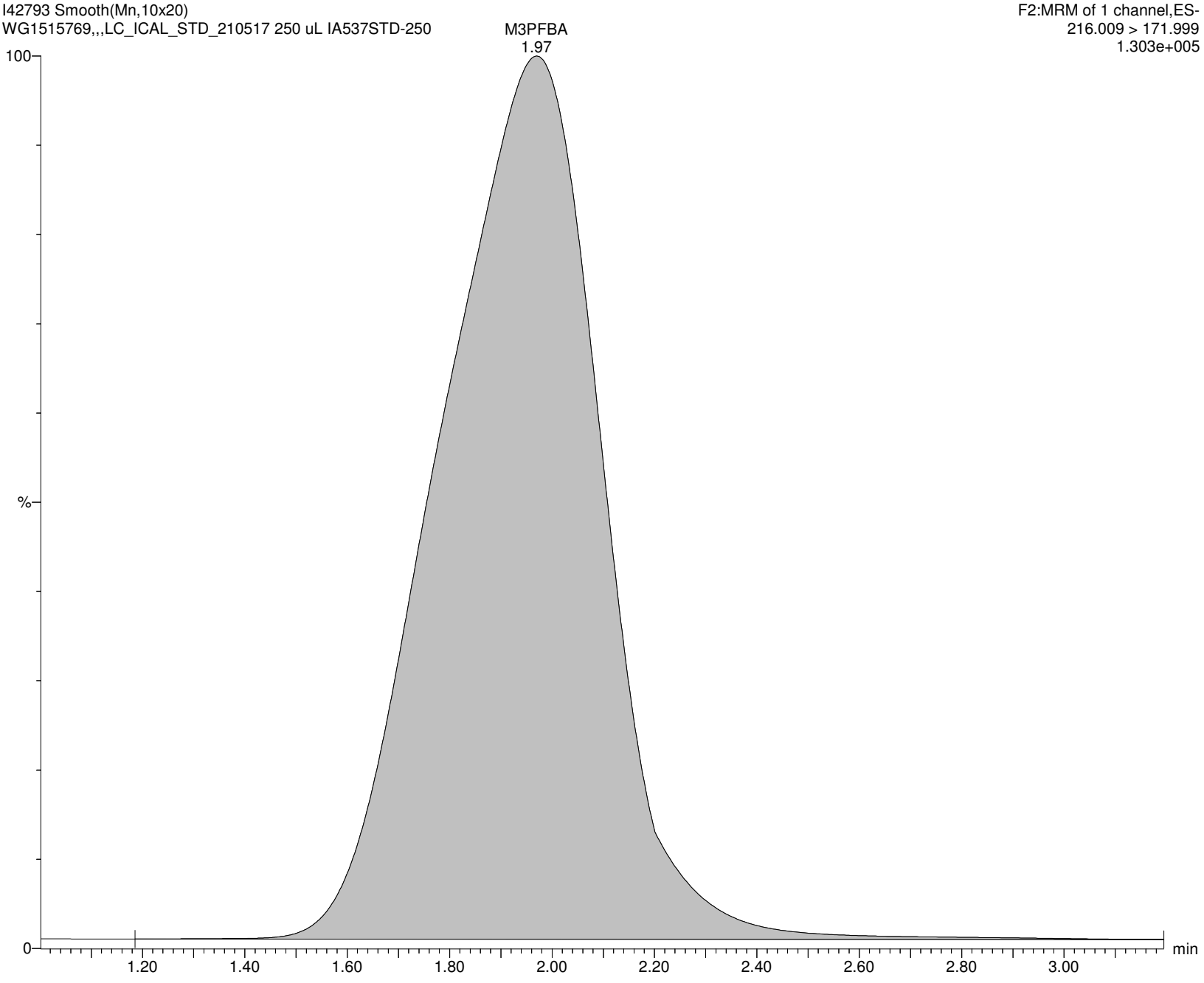


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBA

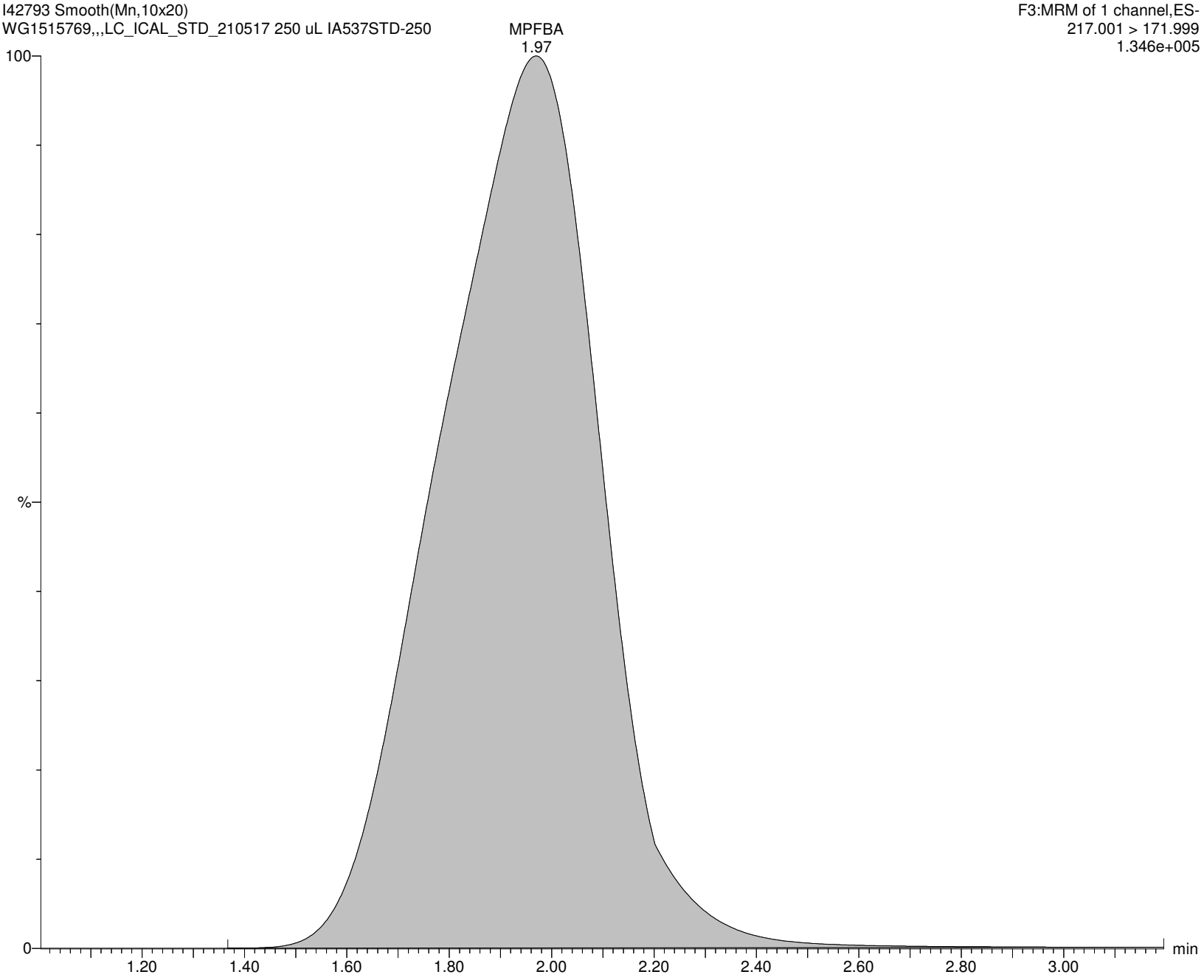


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFBA

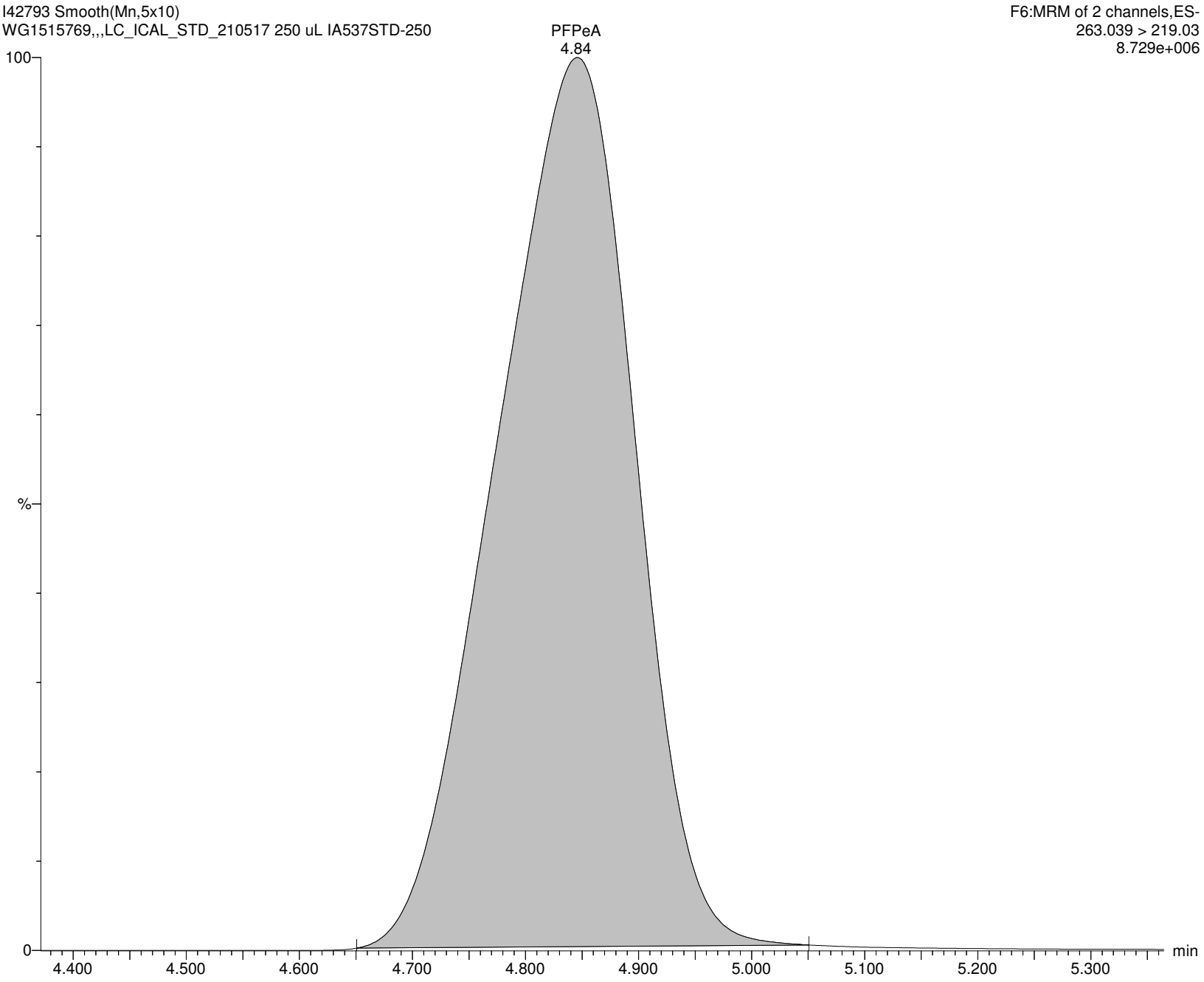


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeA

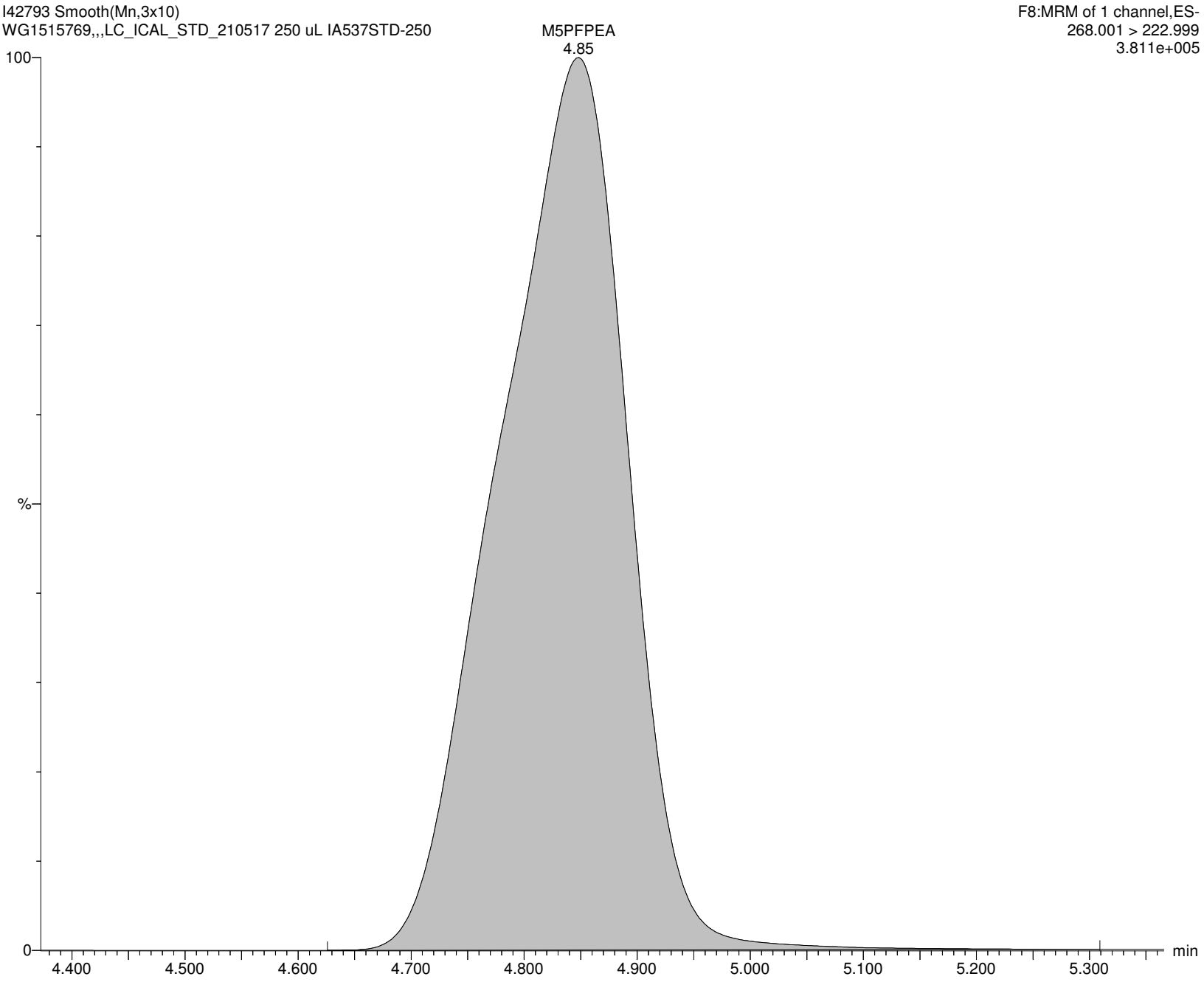


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFPEA

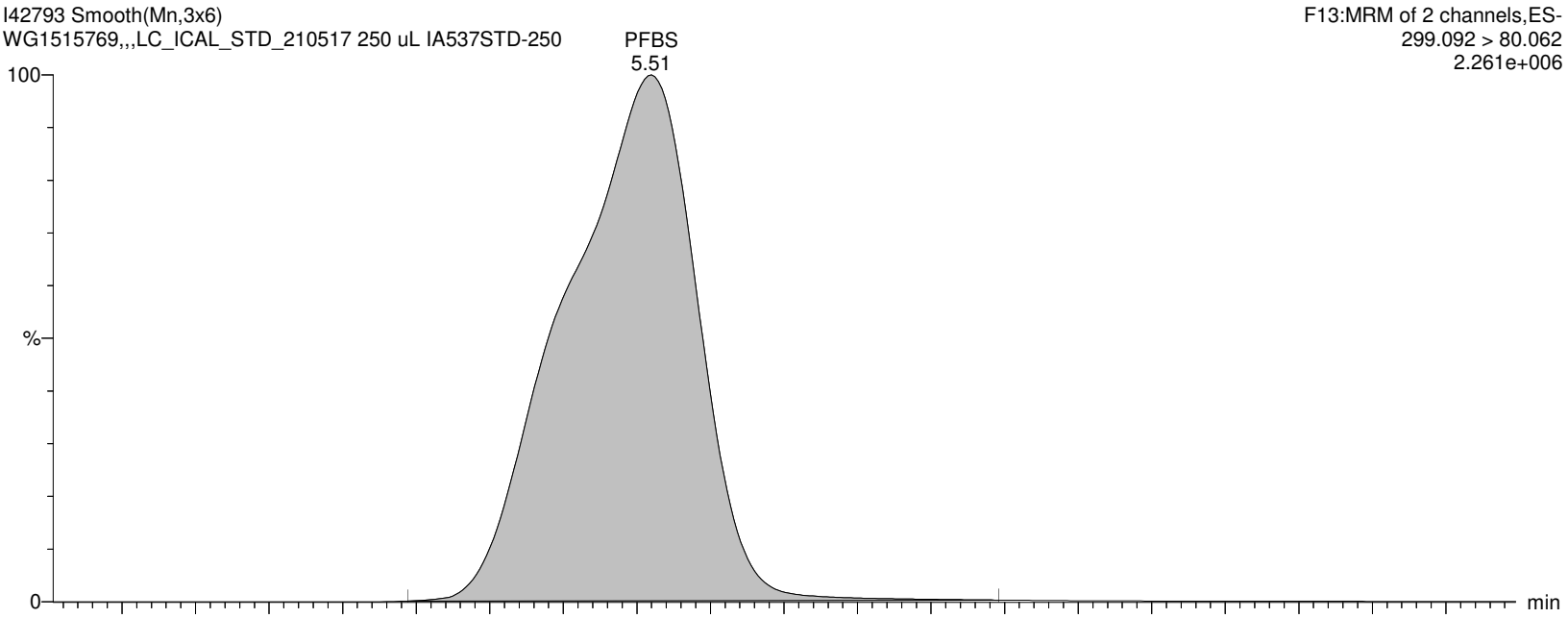


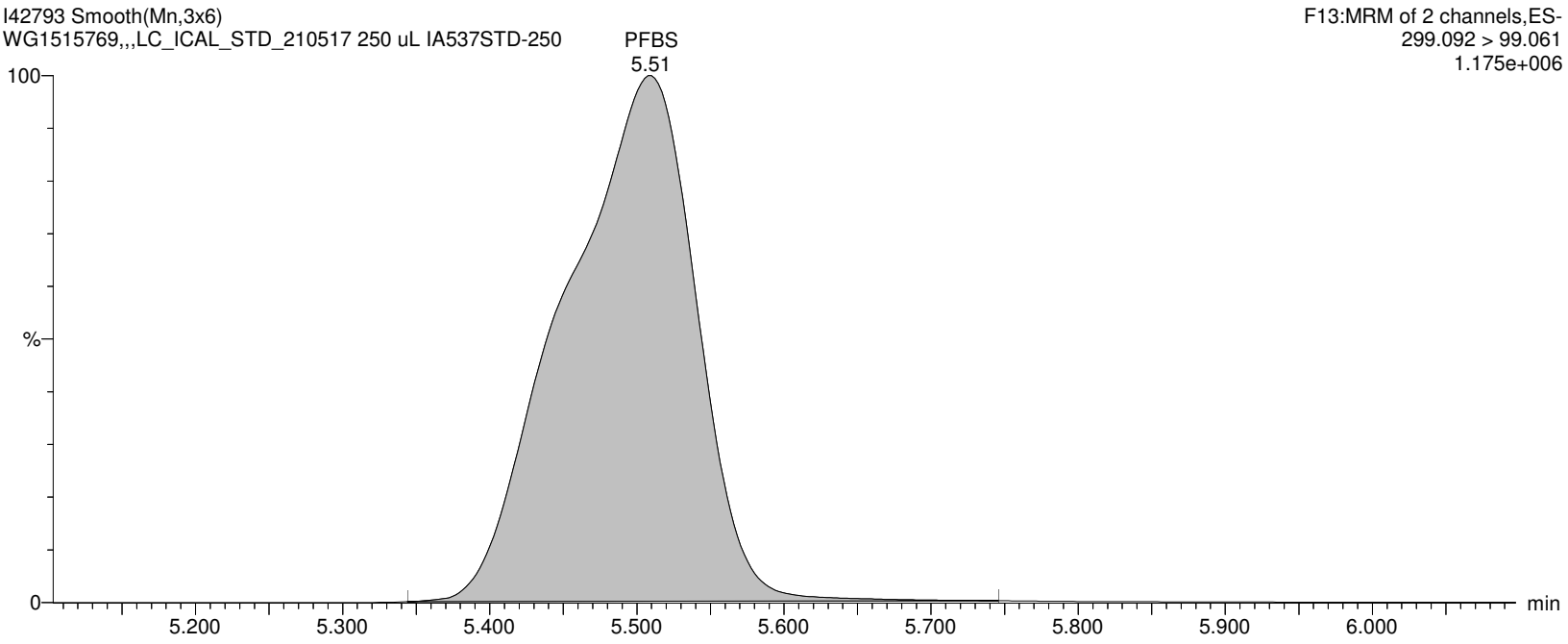
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBS



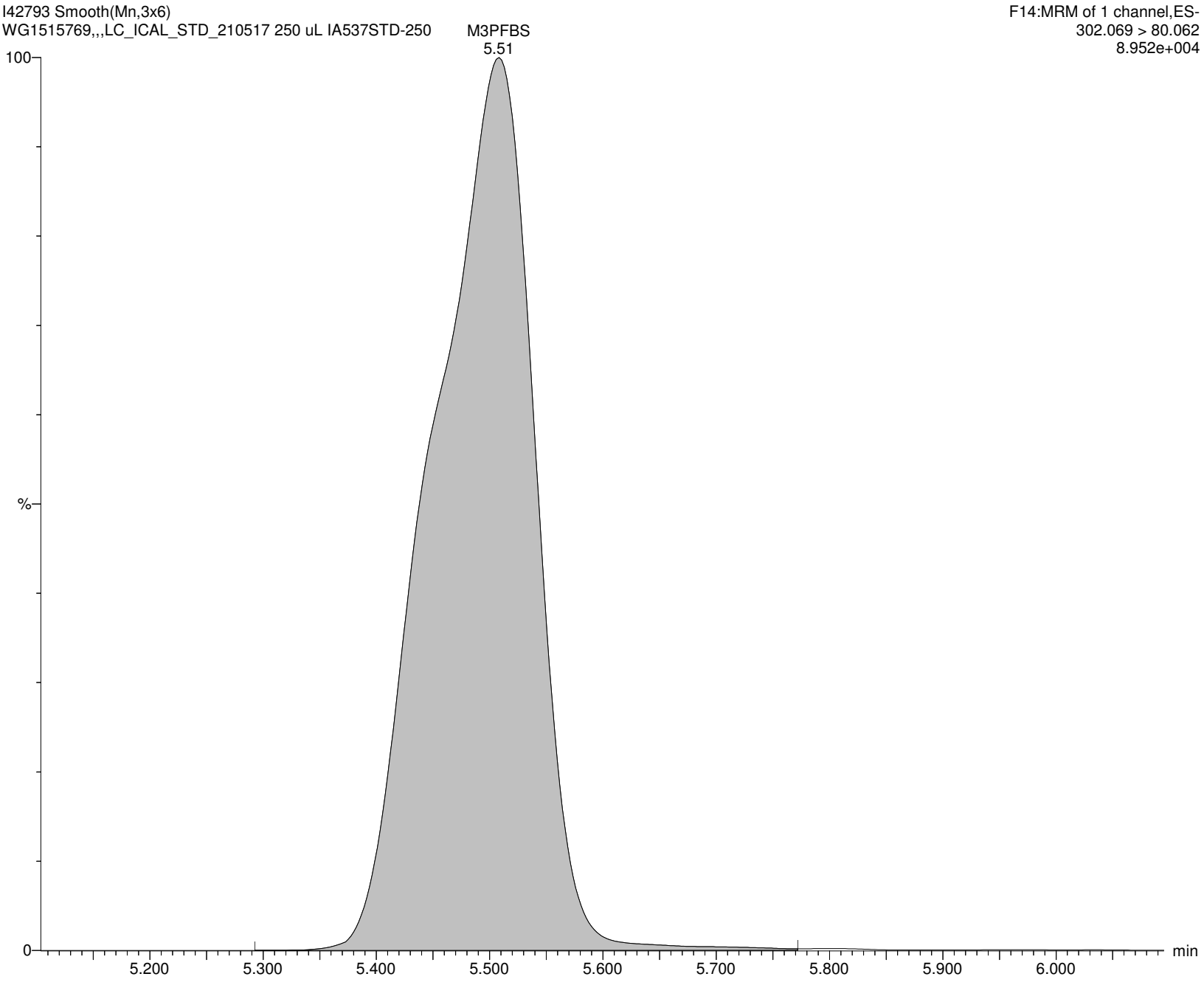


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBS

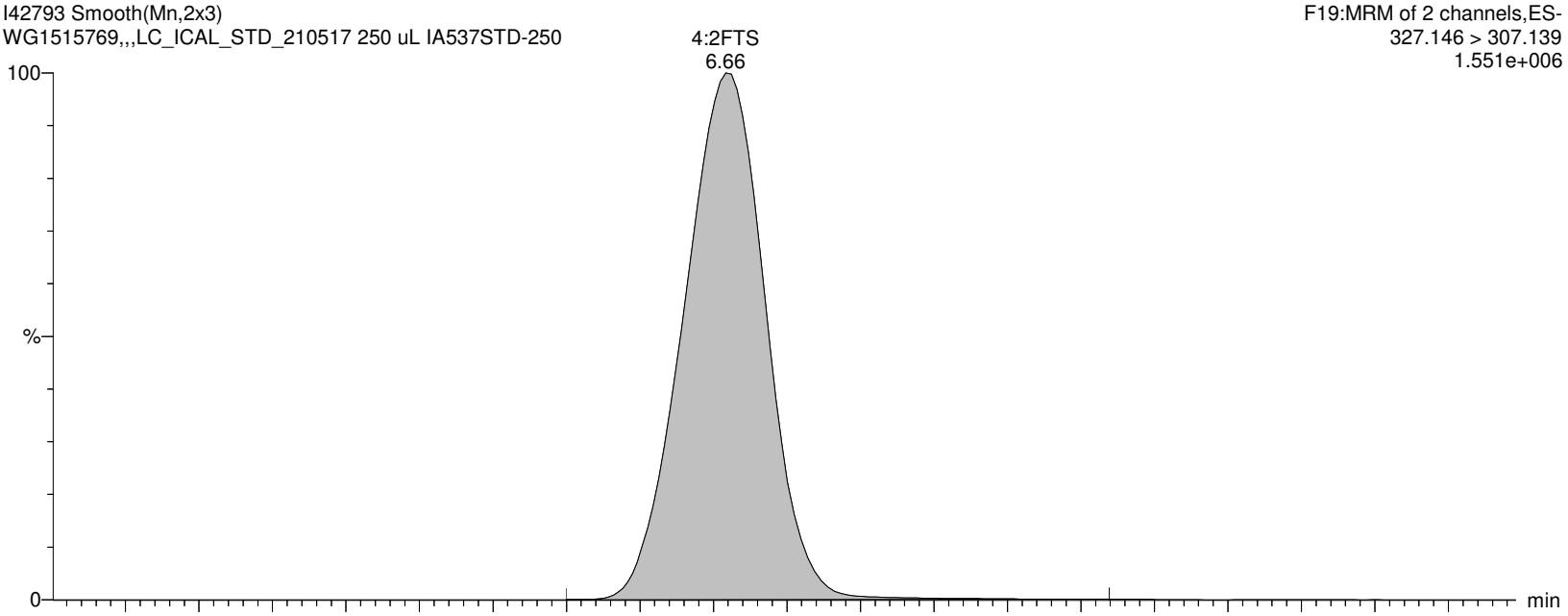


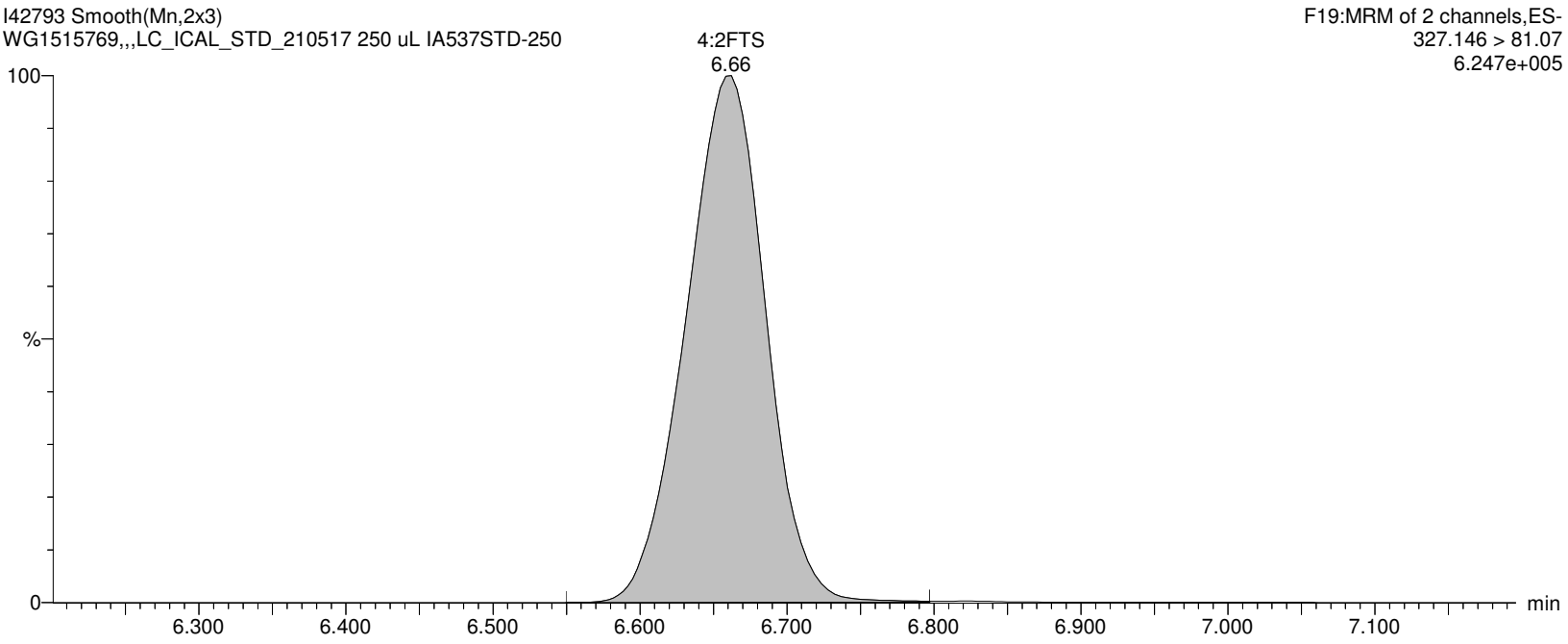
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

4:2FTS



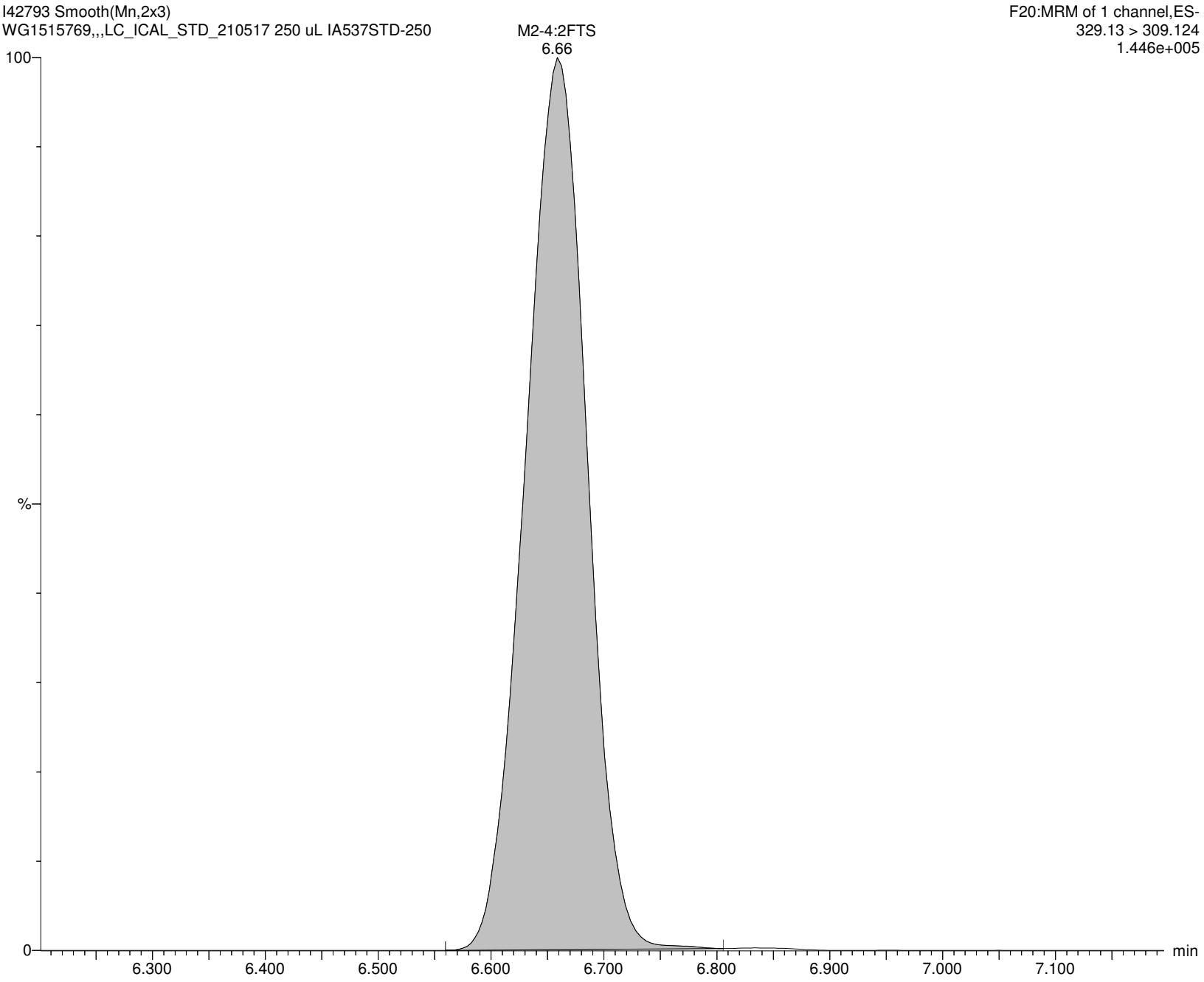


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-4:2FTS

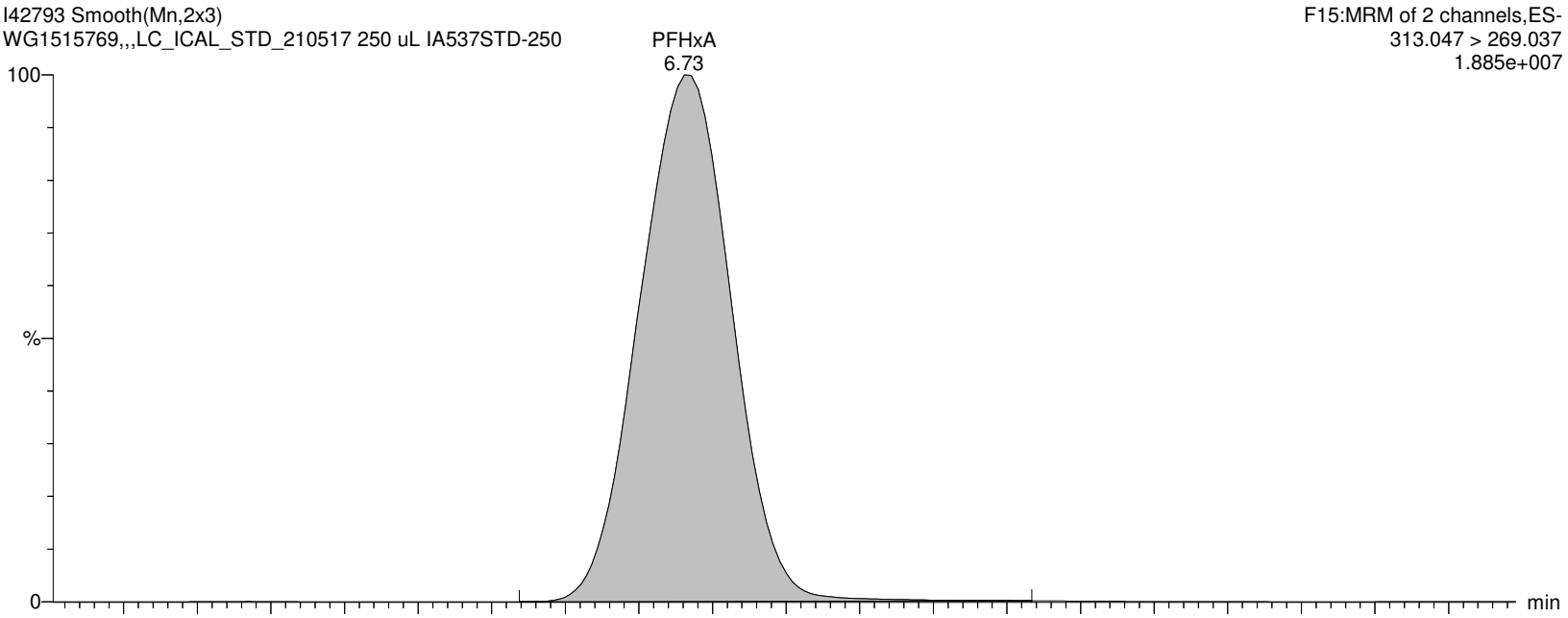


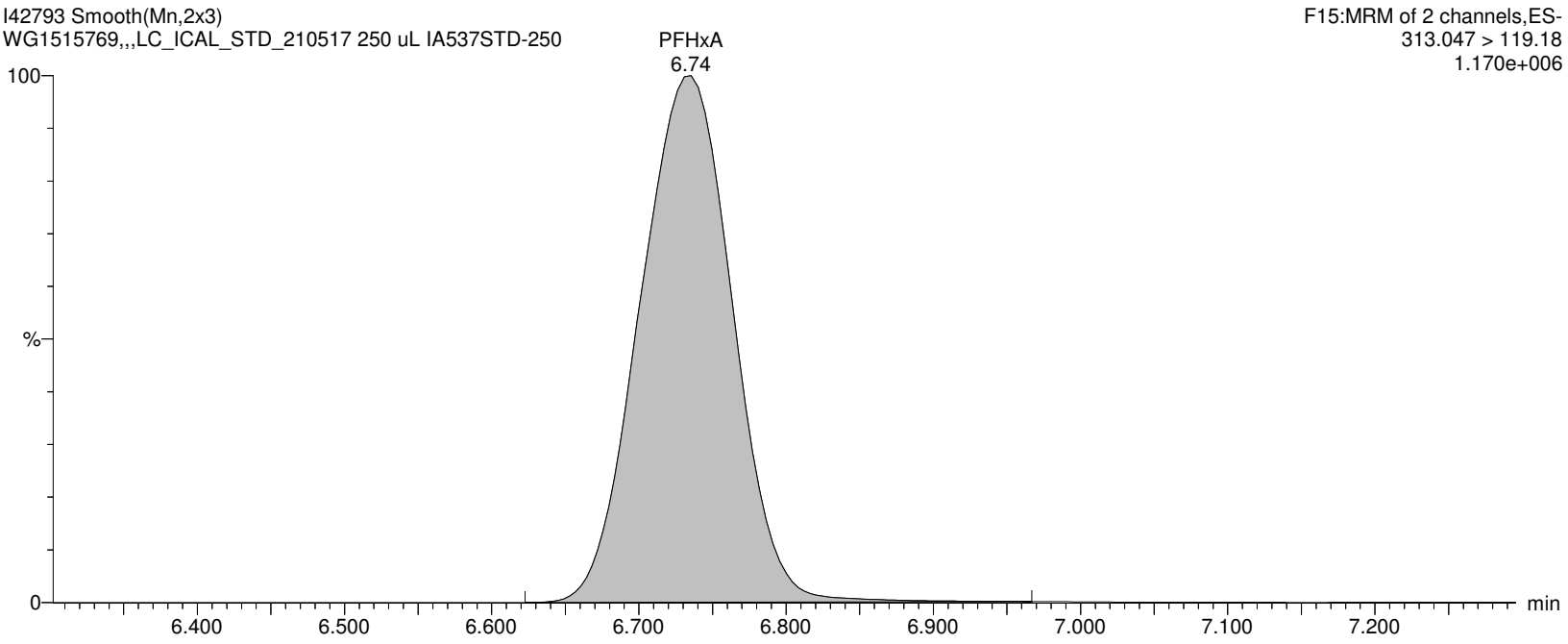
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxA



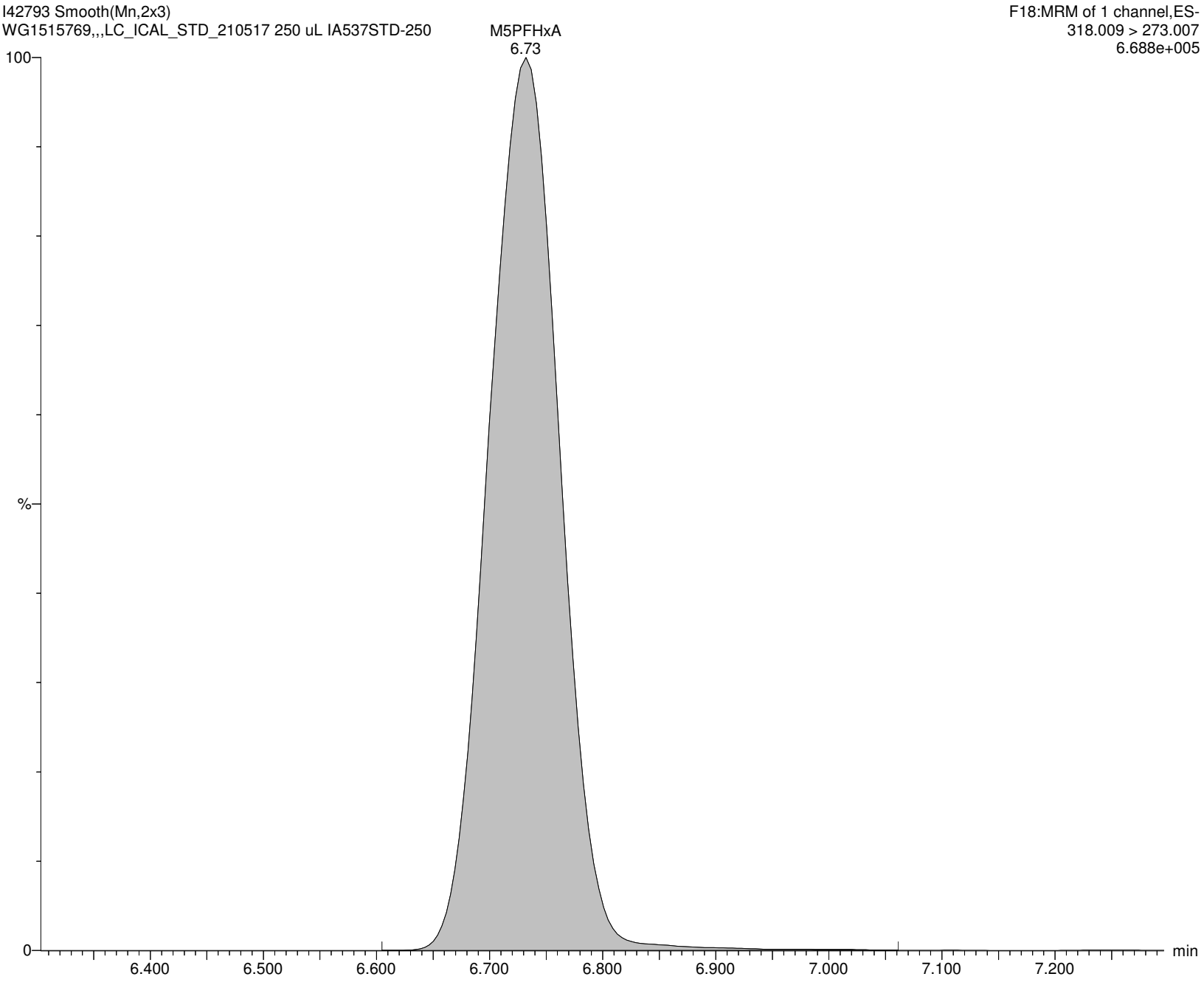


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFHxA

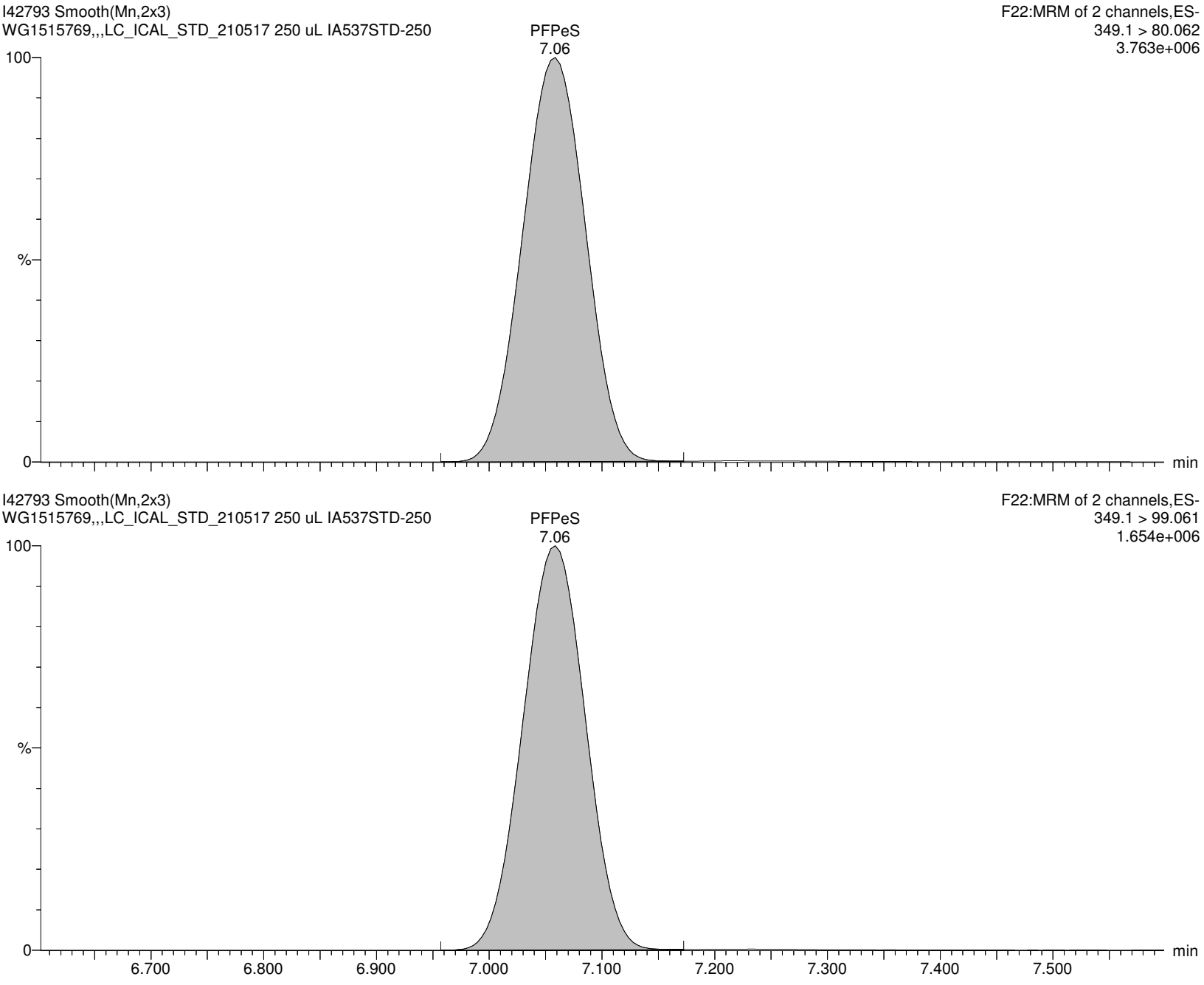


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeS

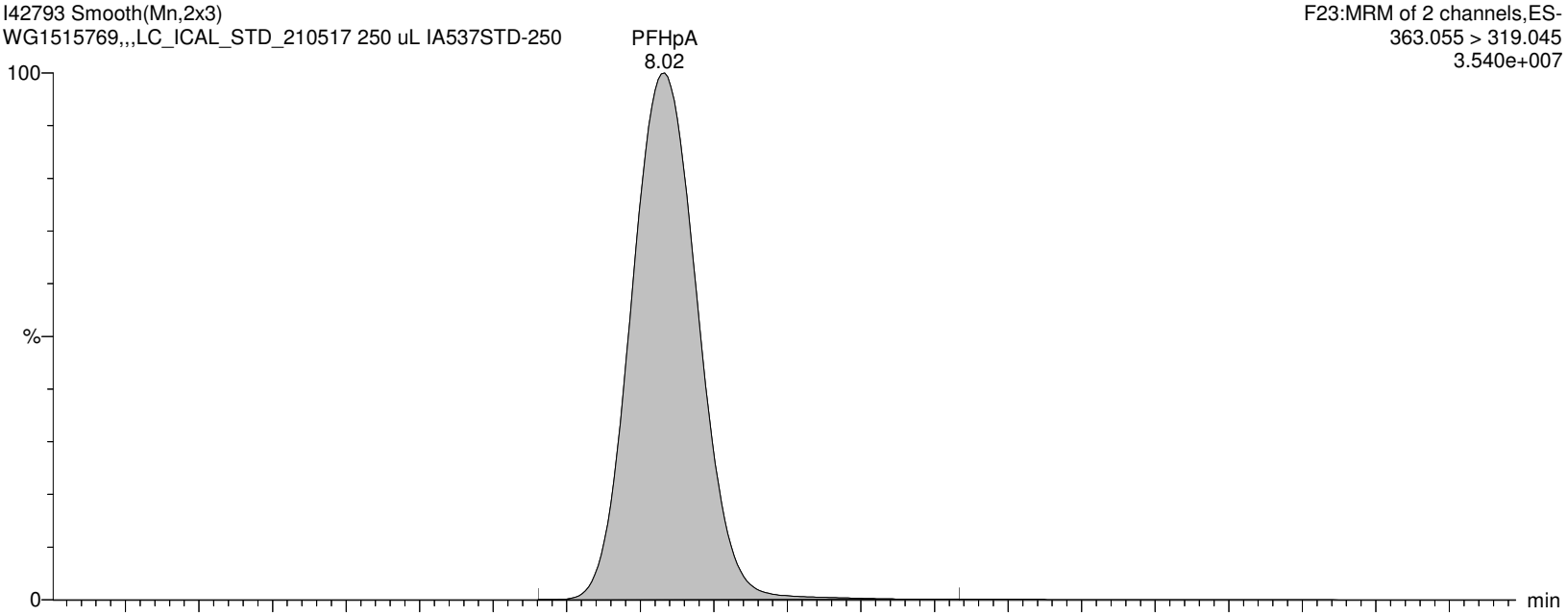


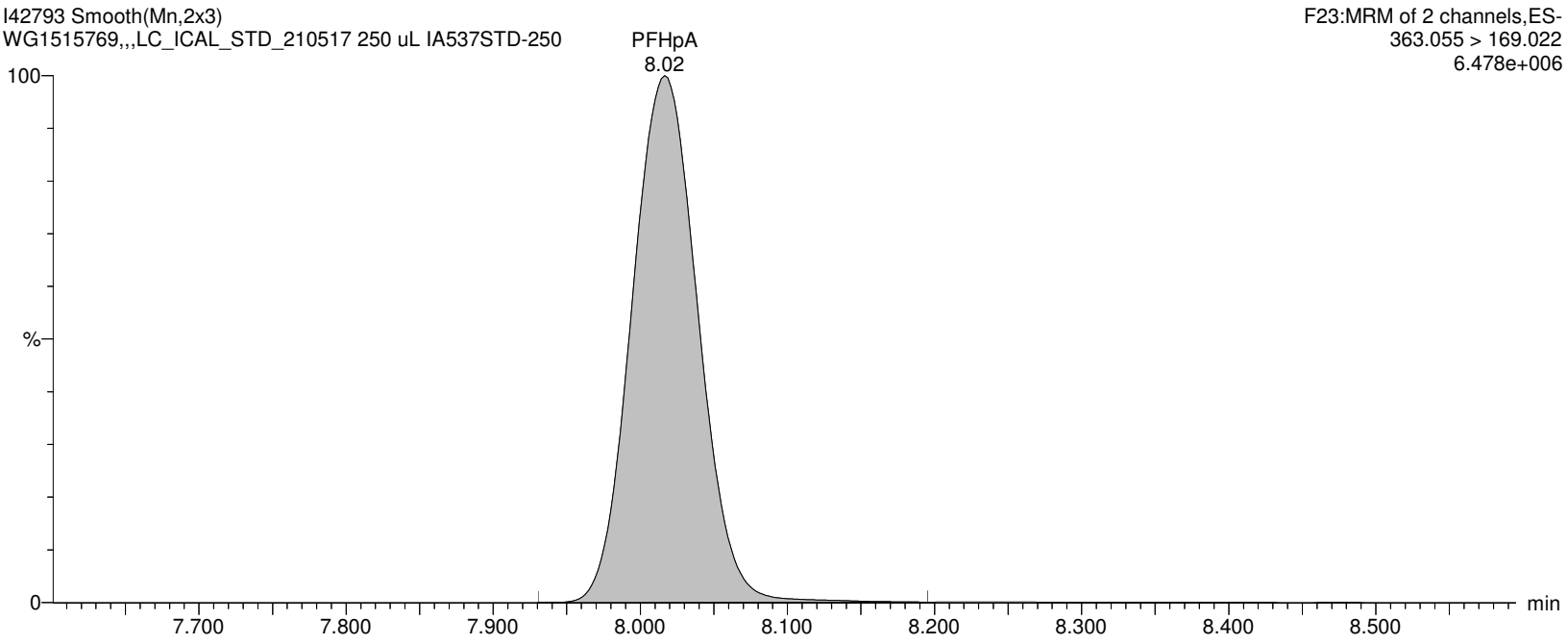
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpA



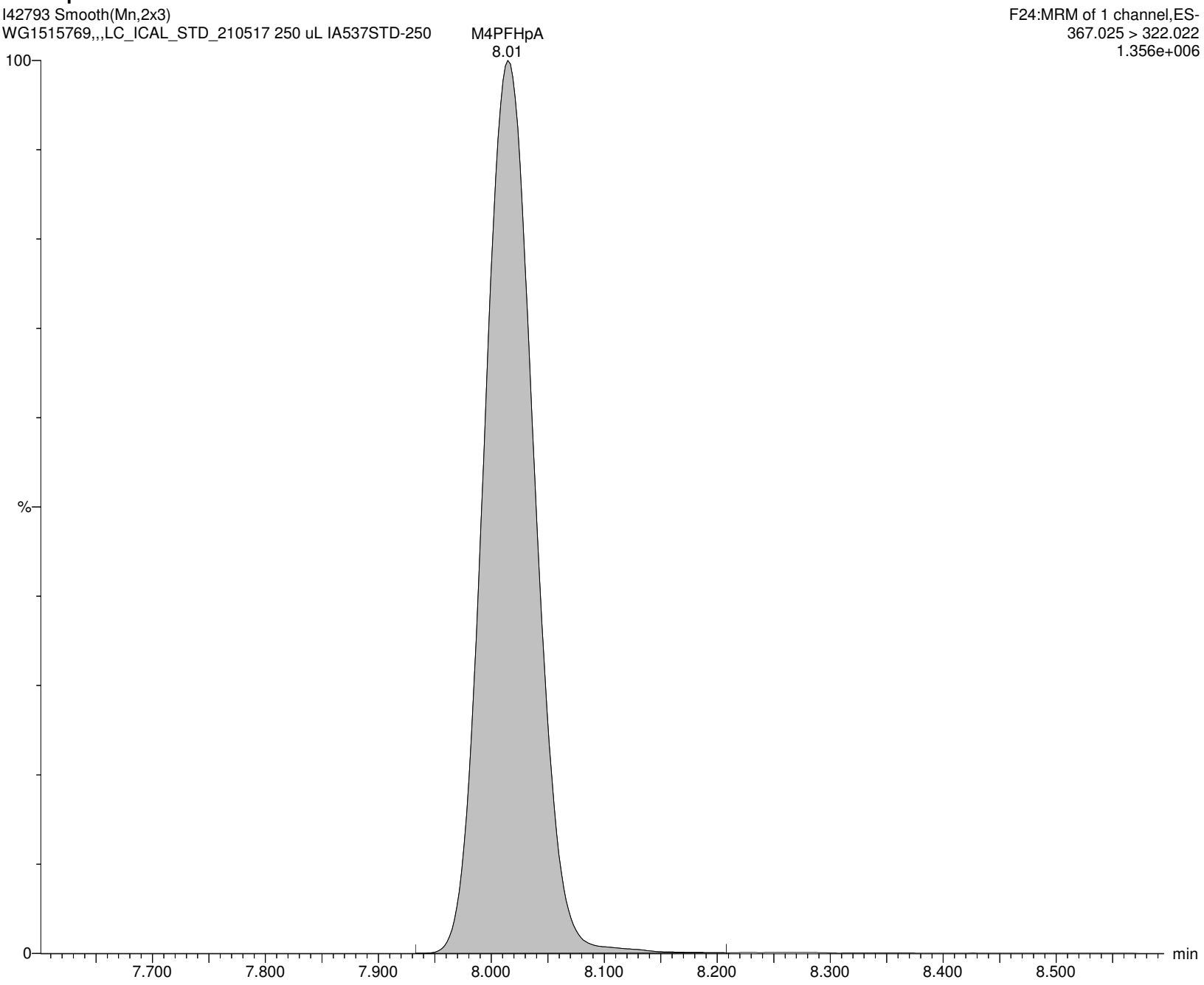


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFHpA

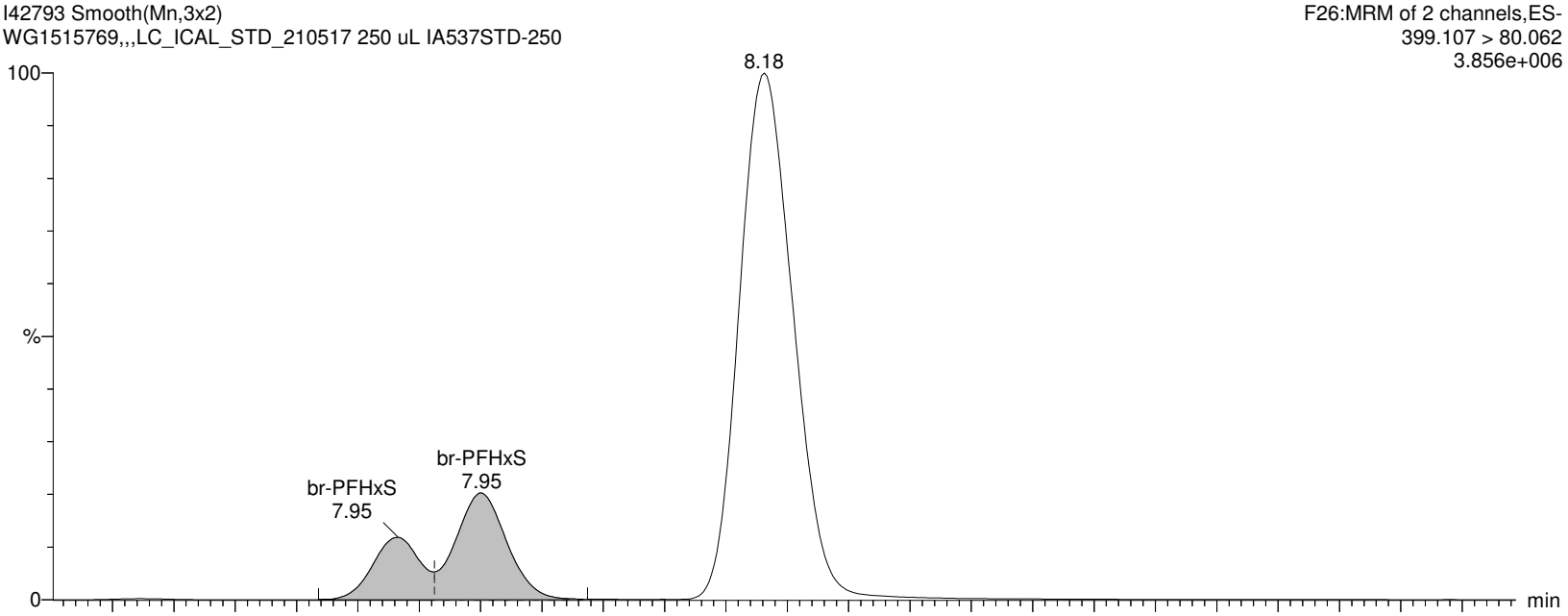


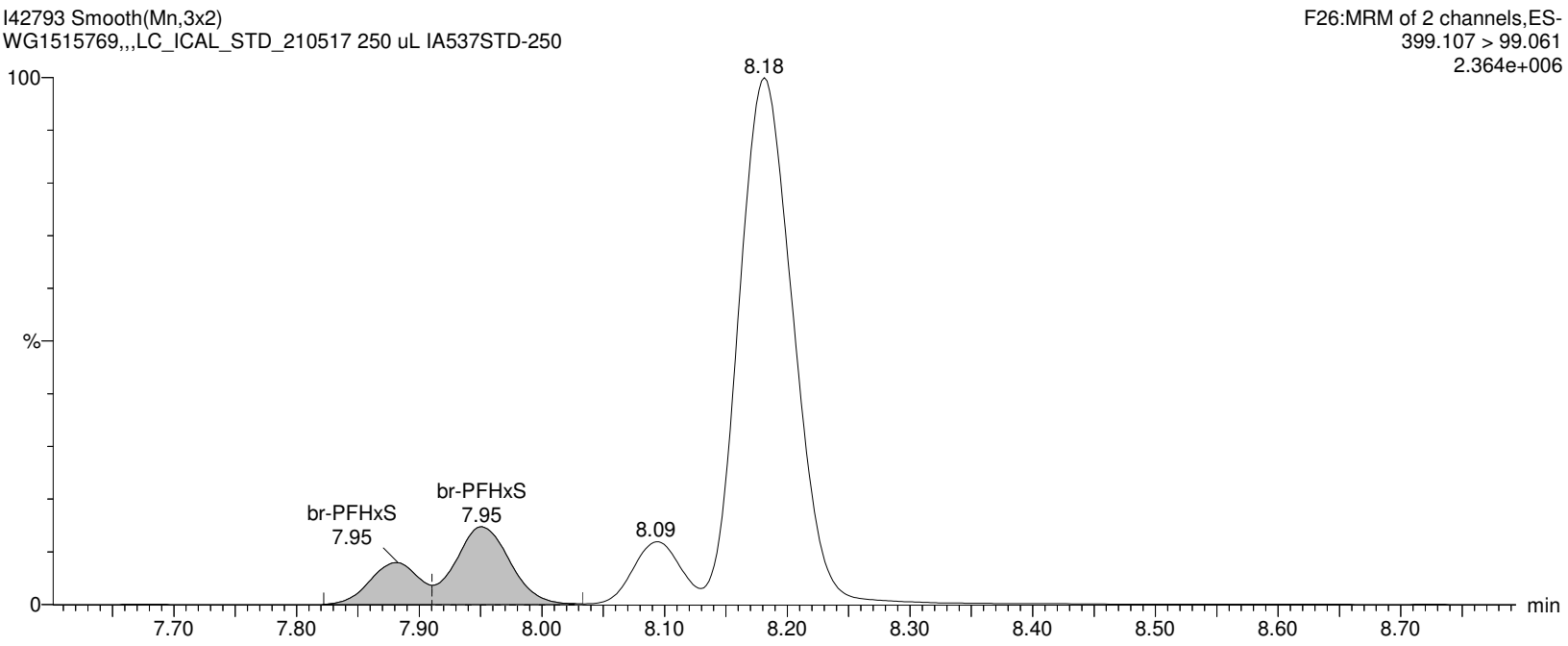
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFHxS



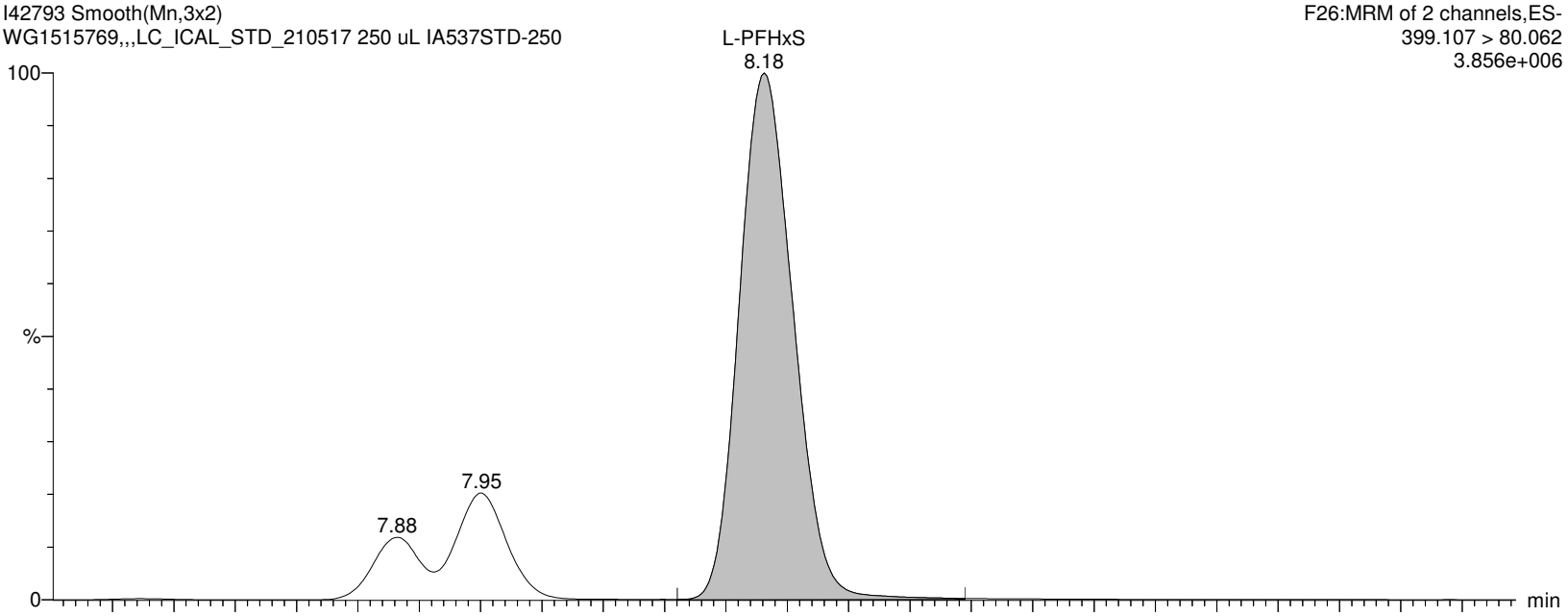


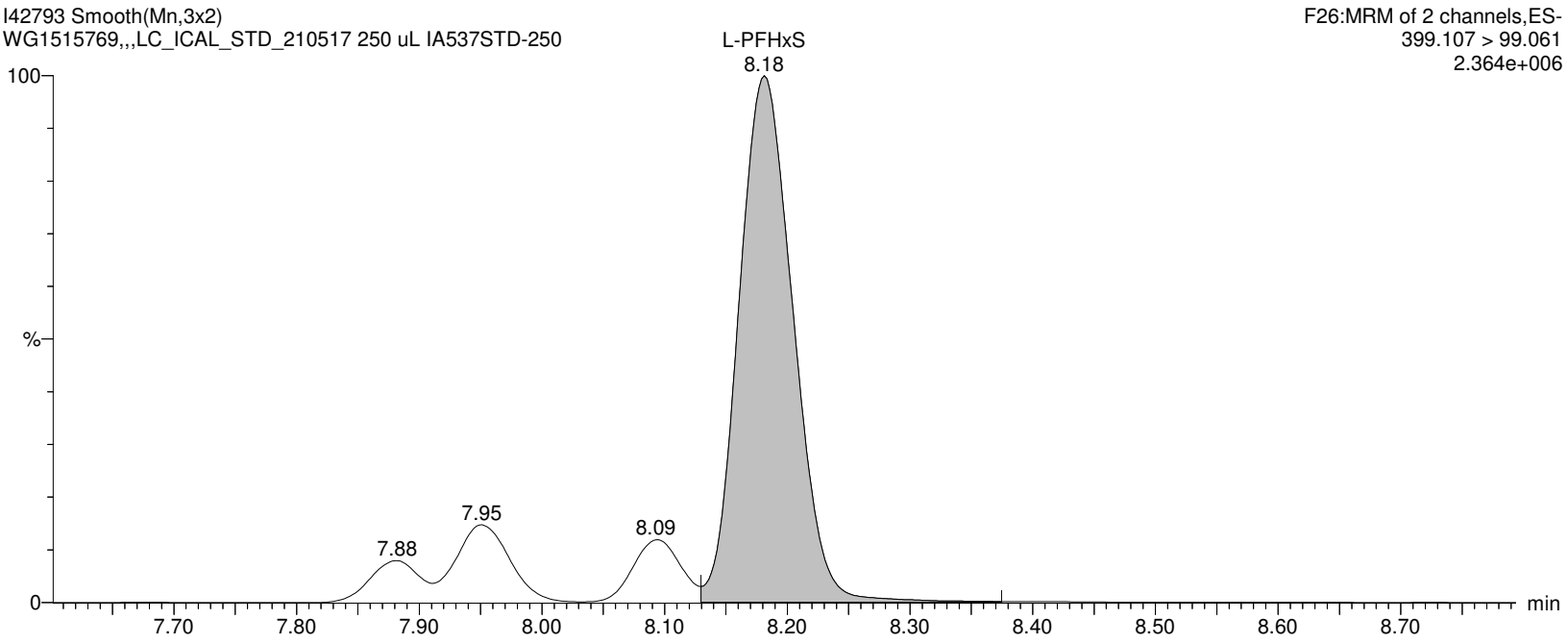
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFHxS



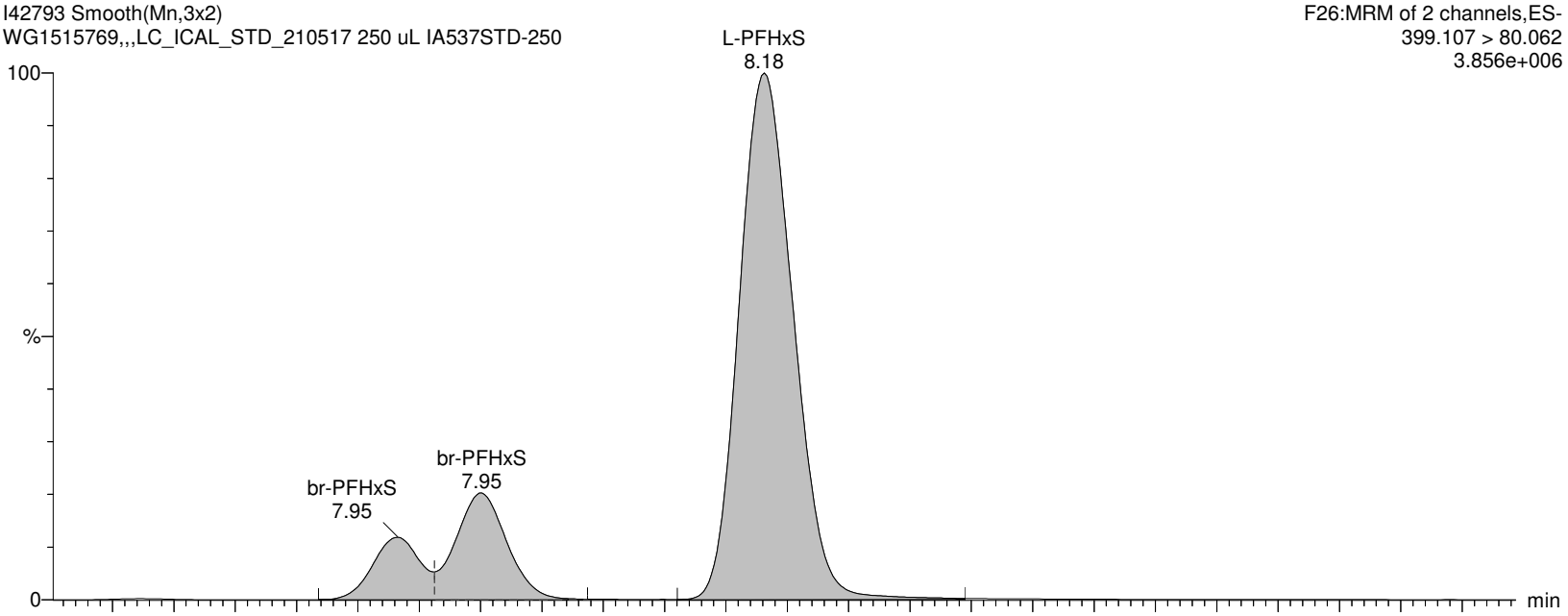


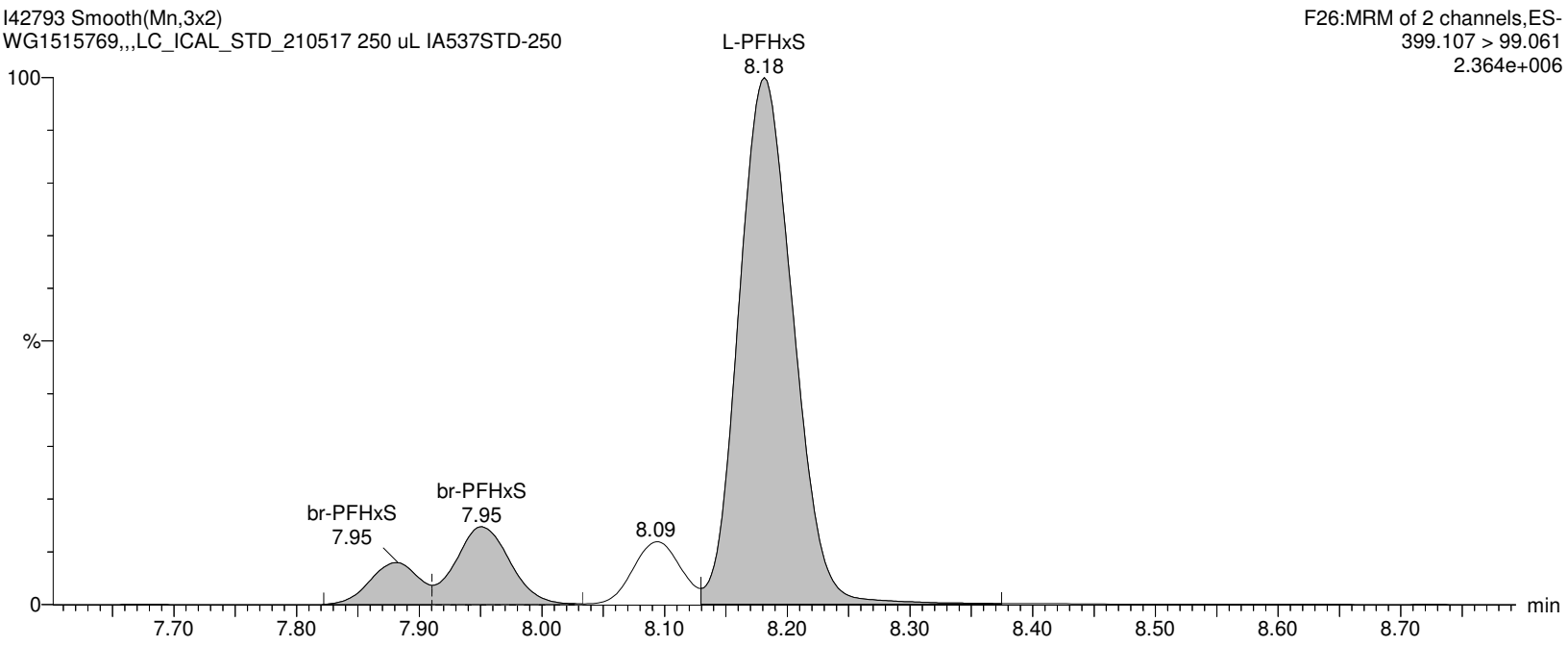
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxS



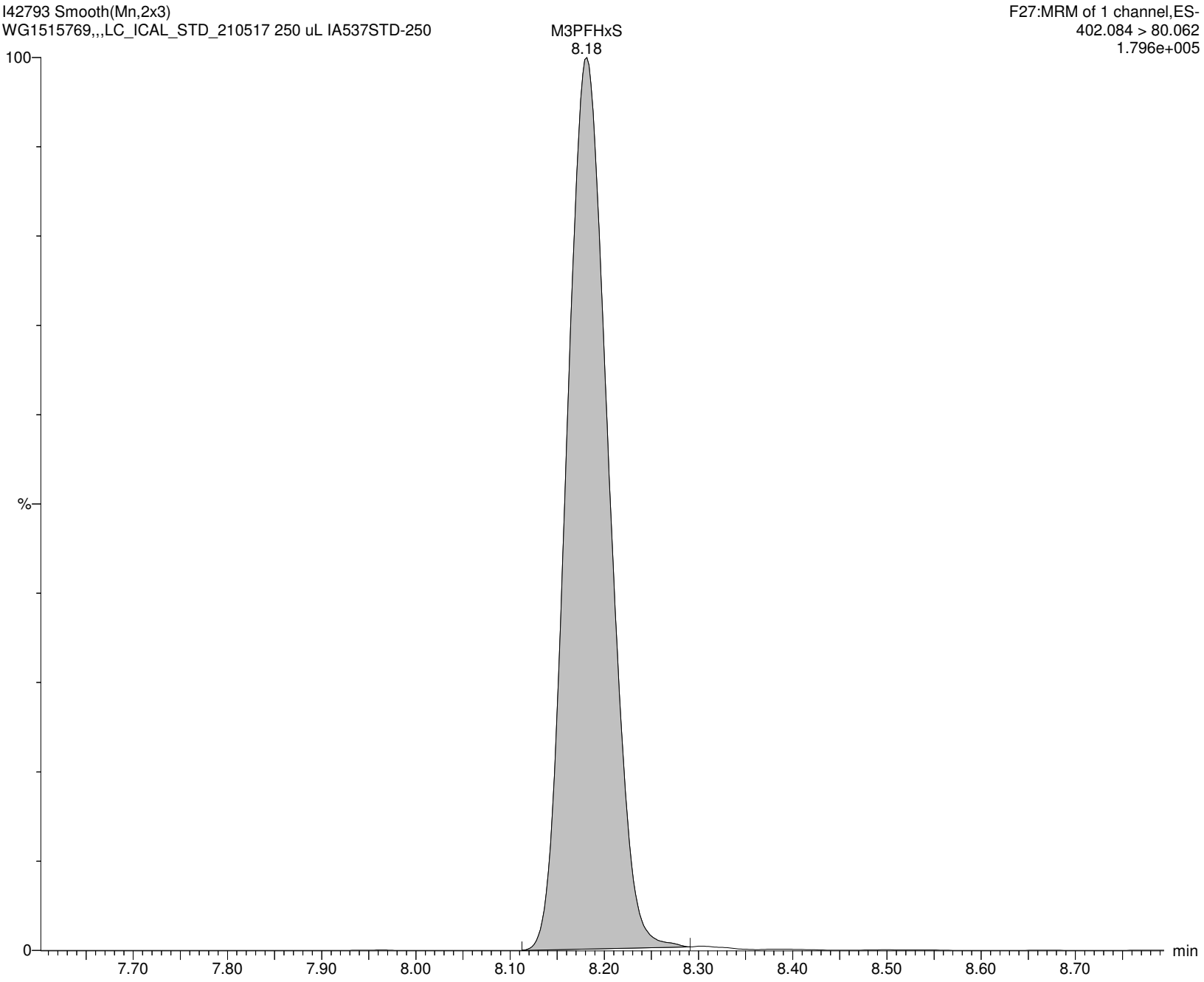


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFHxS

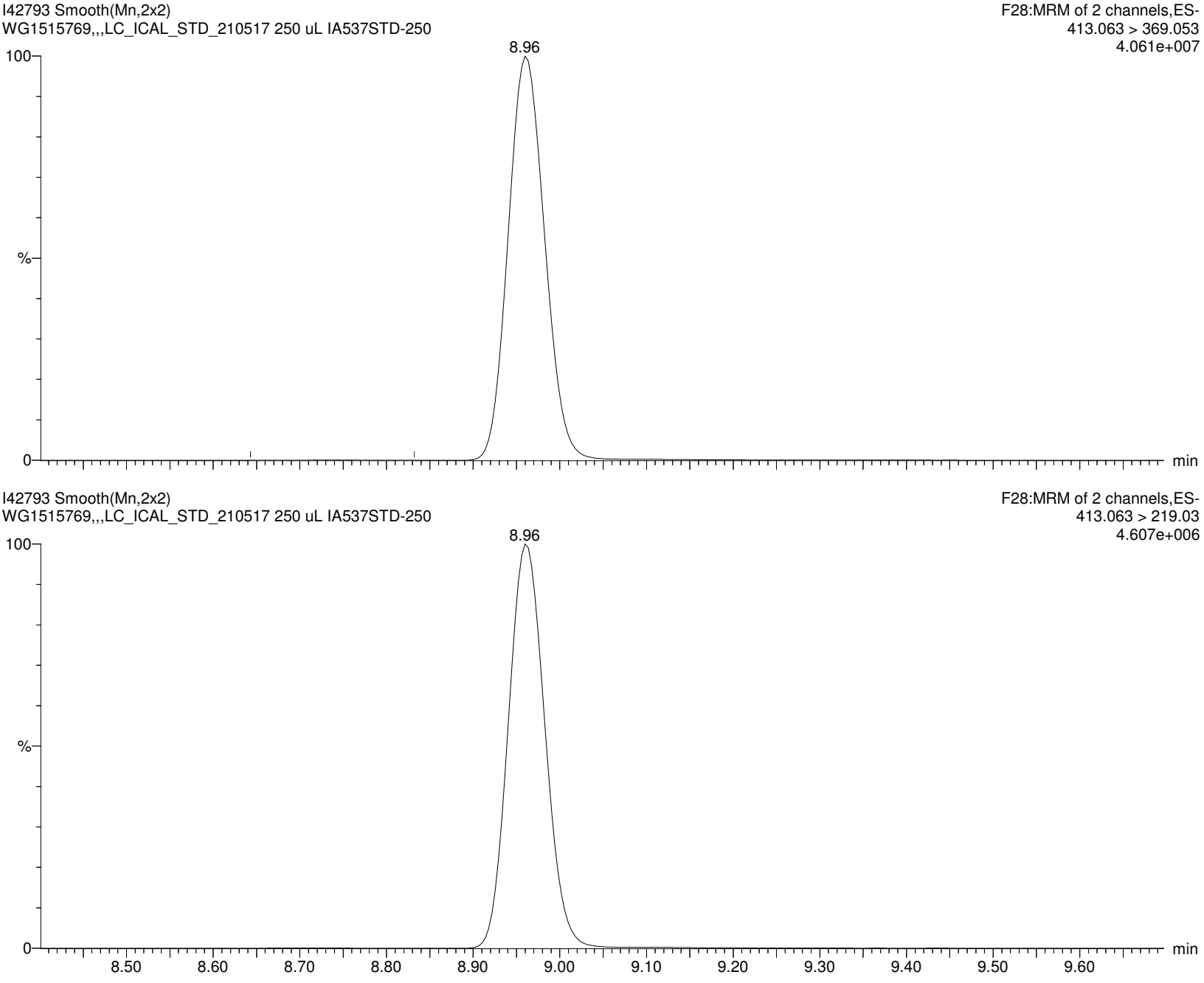


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOA

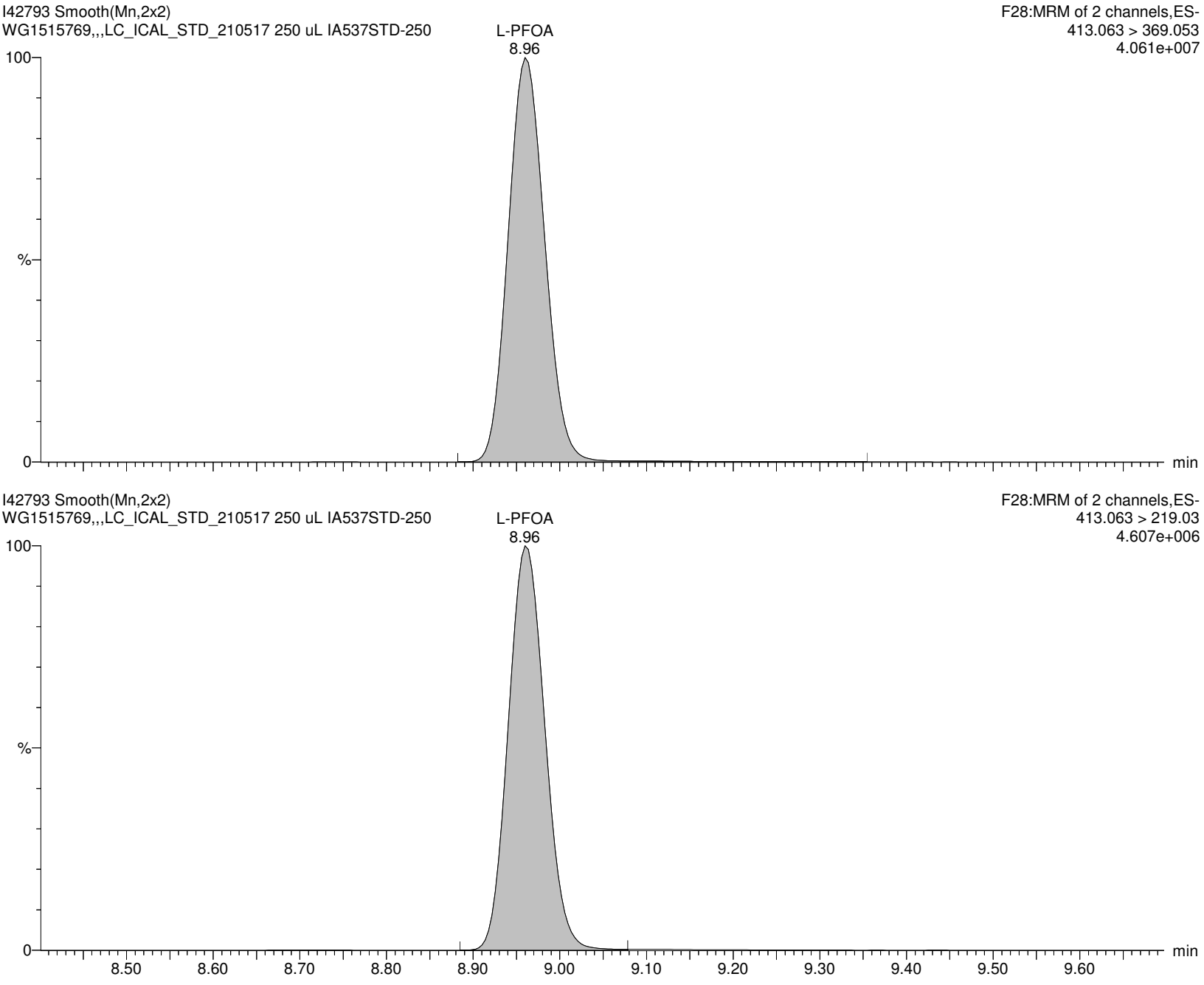


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOA

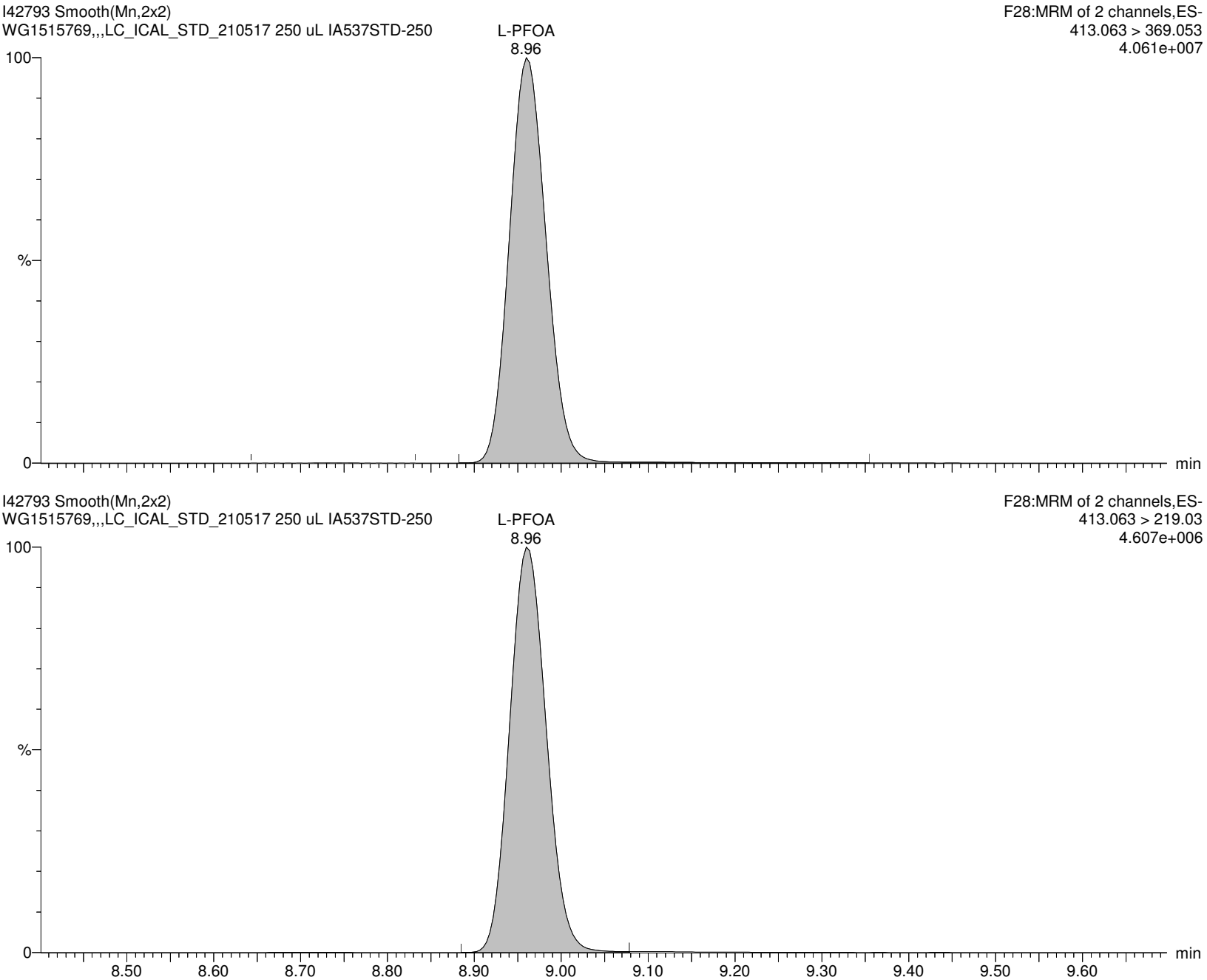


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOA

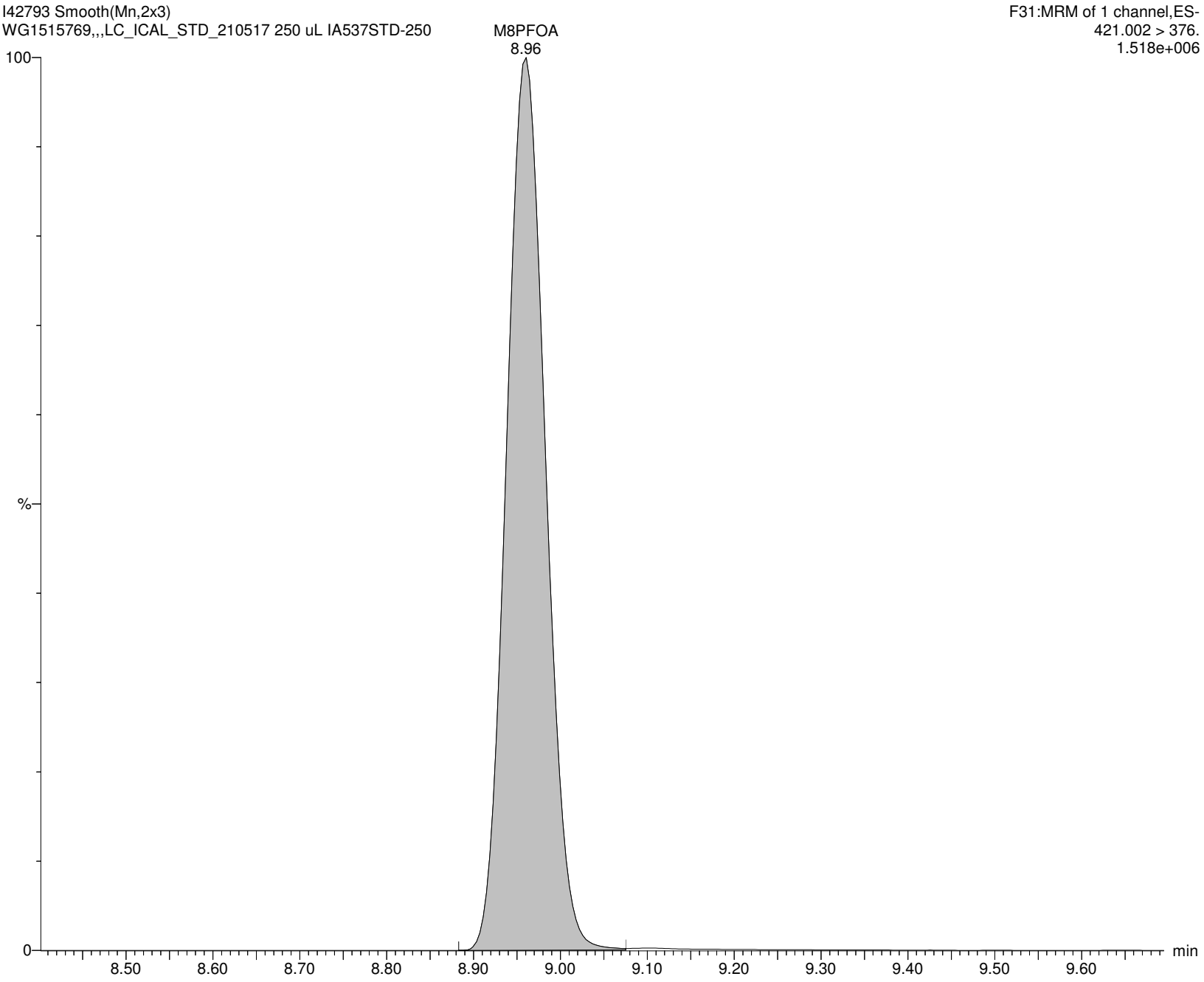


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOA

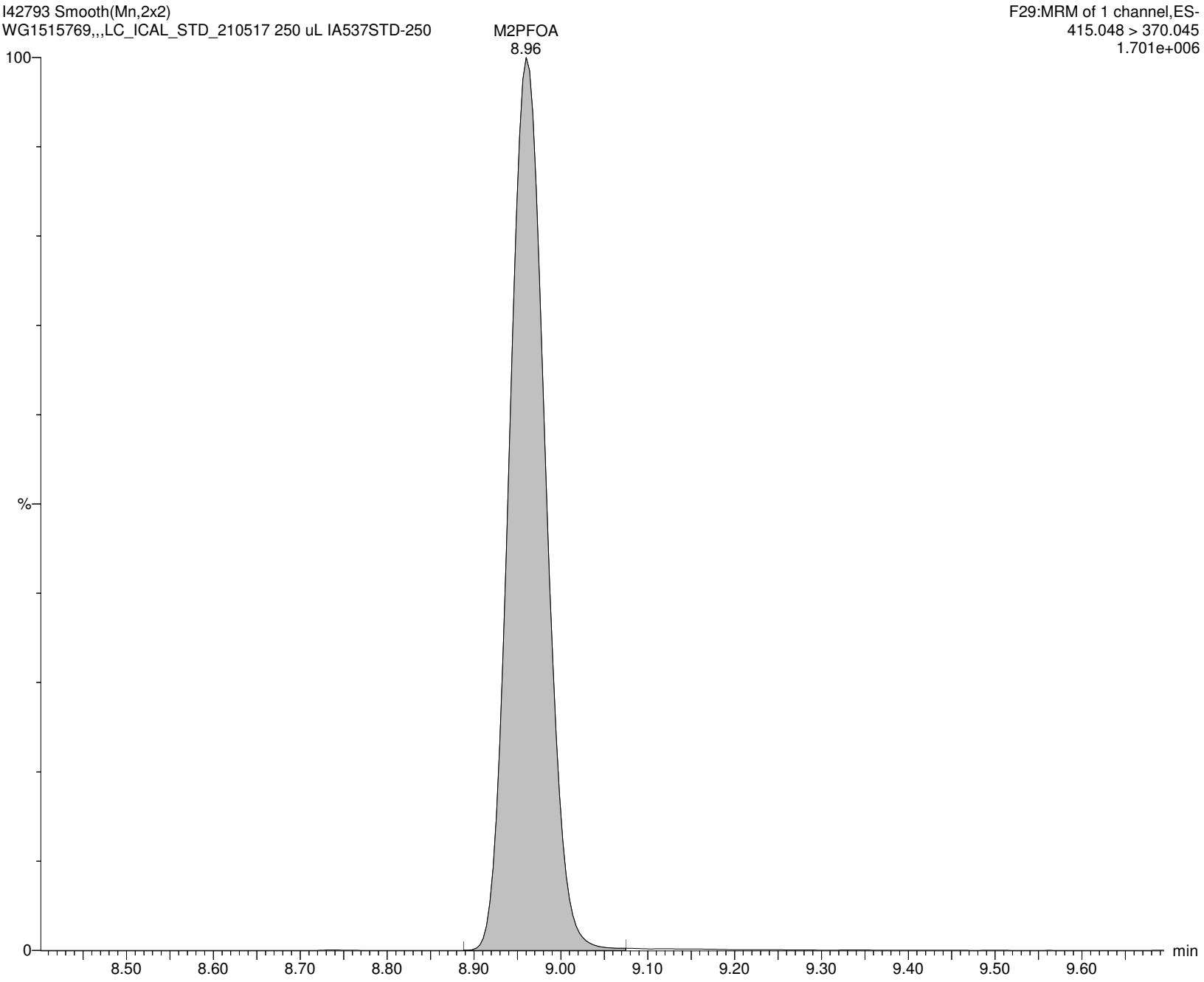


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFOA

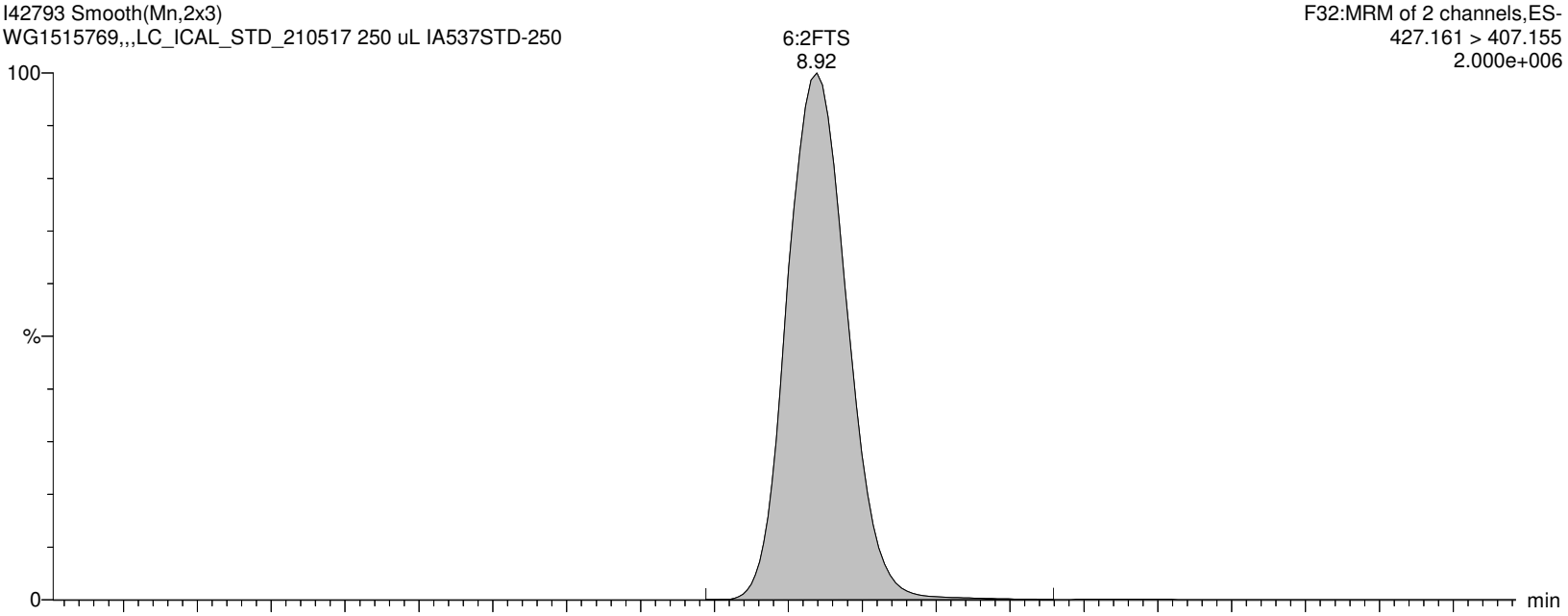


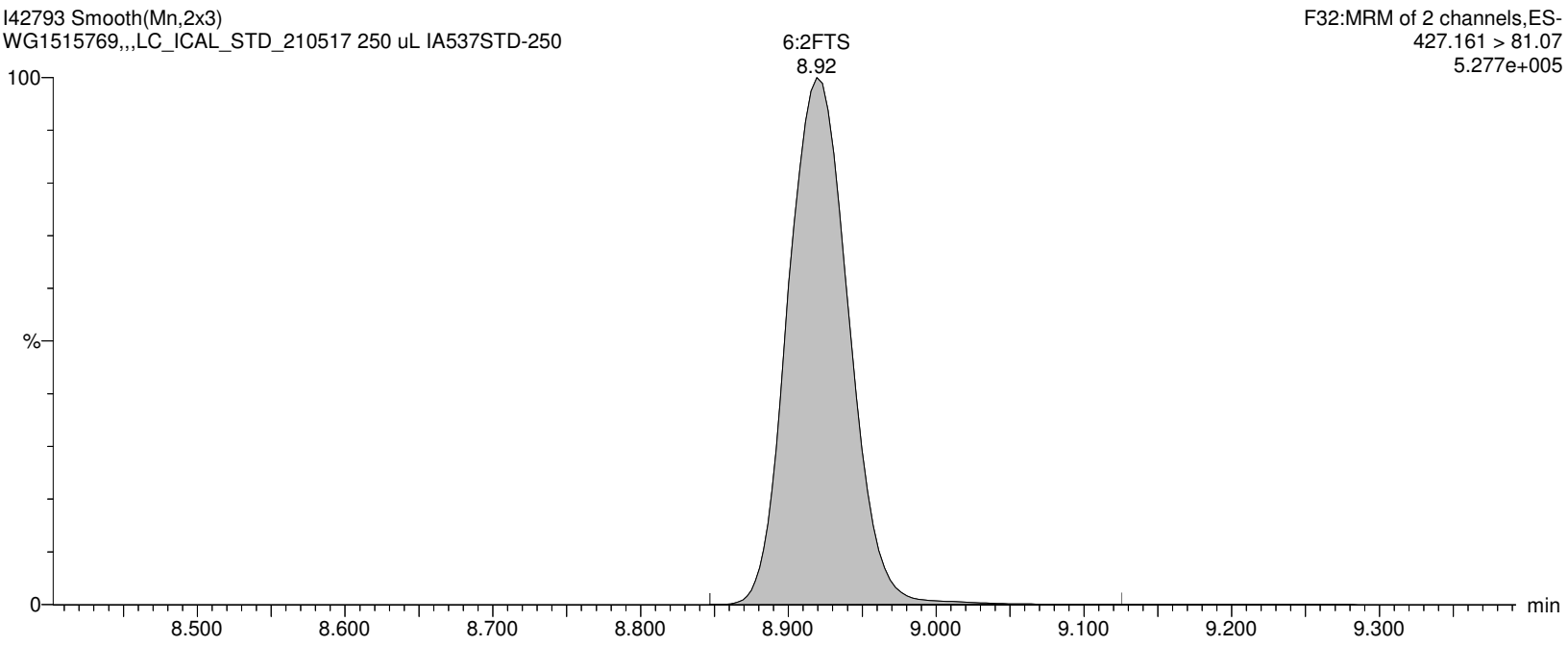
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

6:2FTS



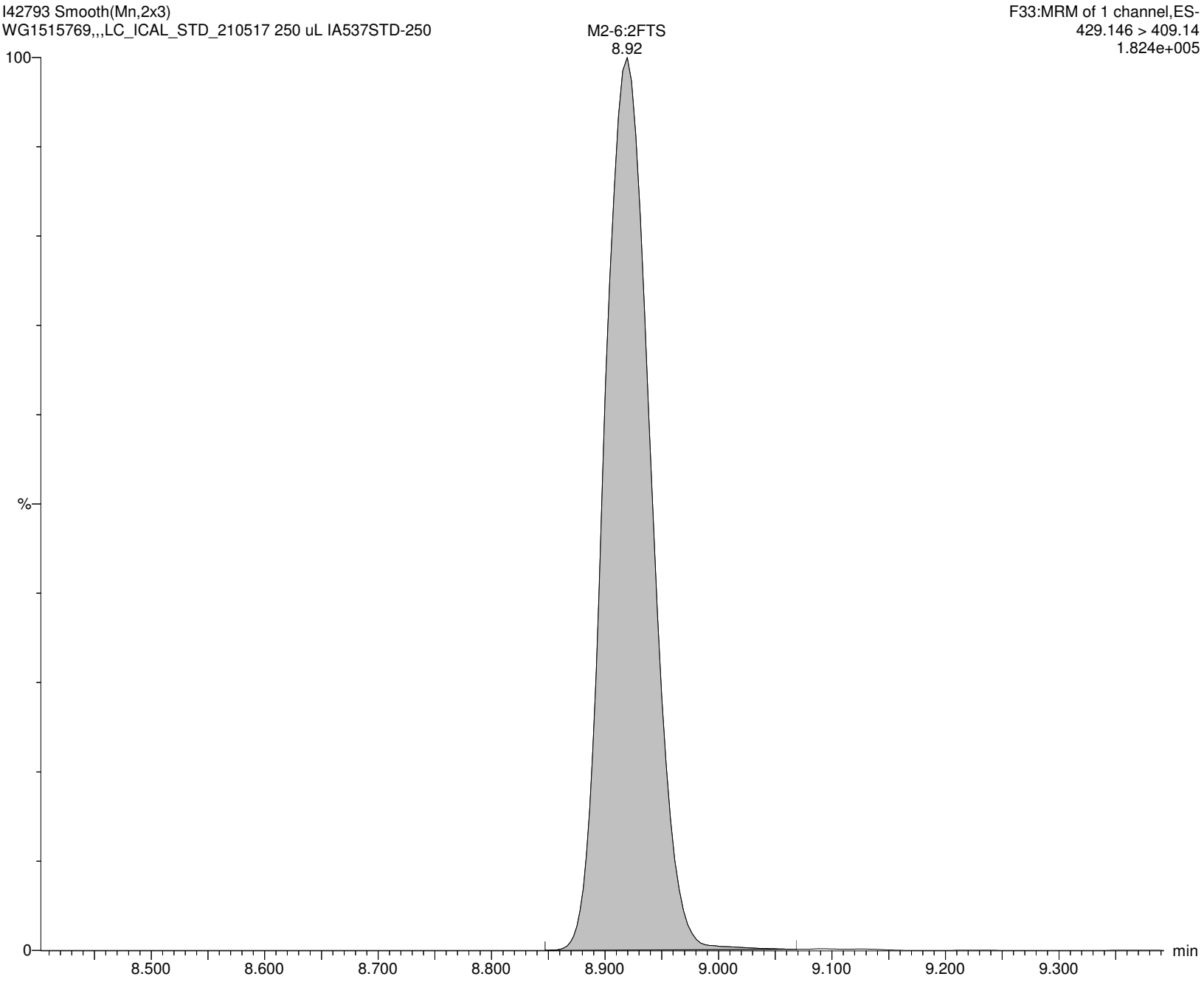


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-6:2FTS

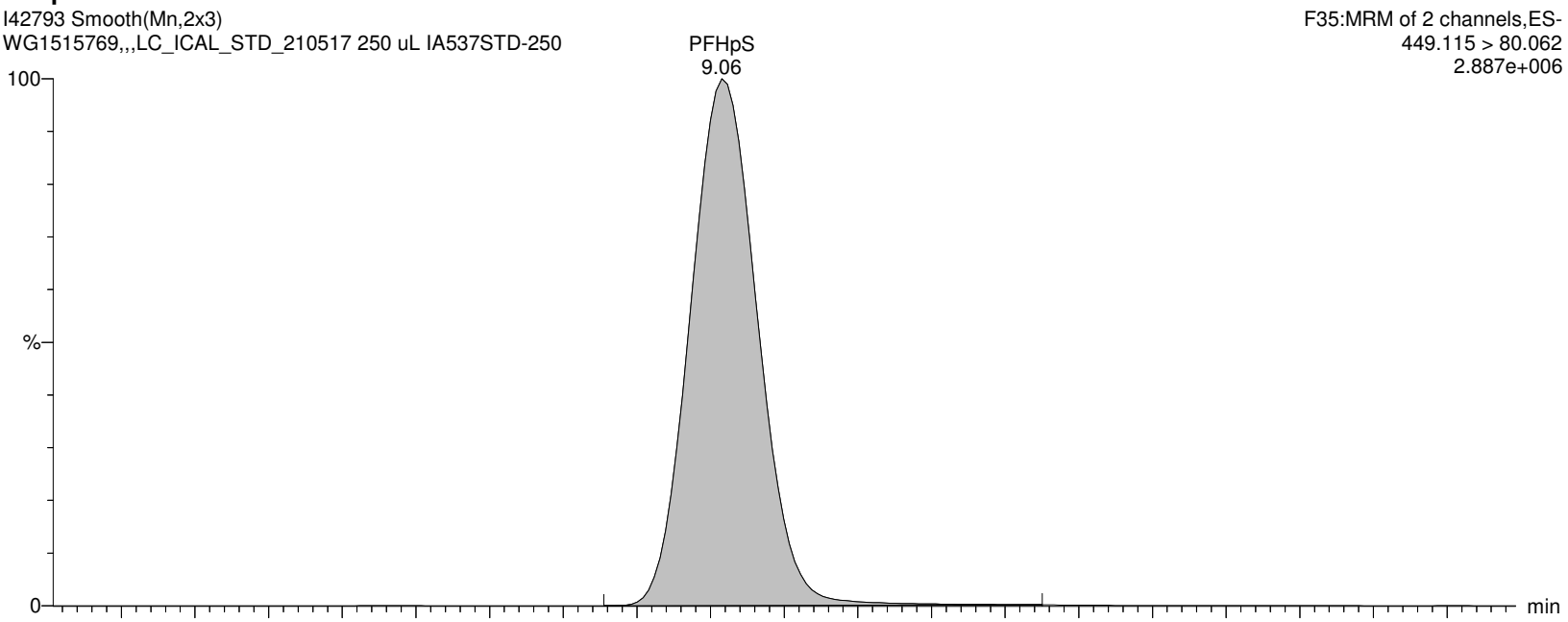


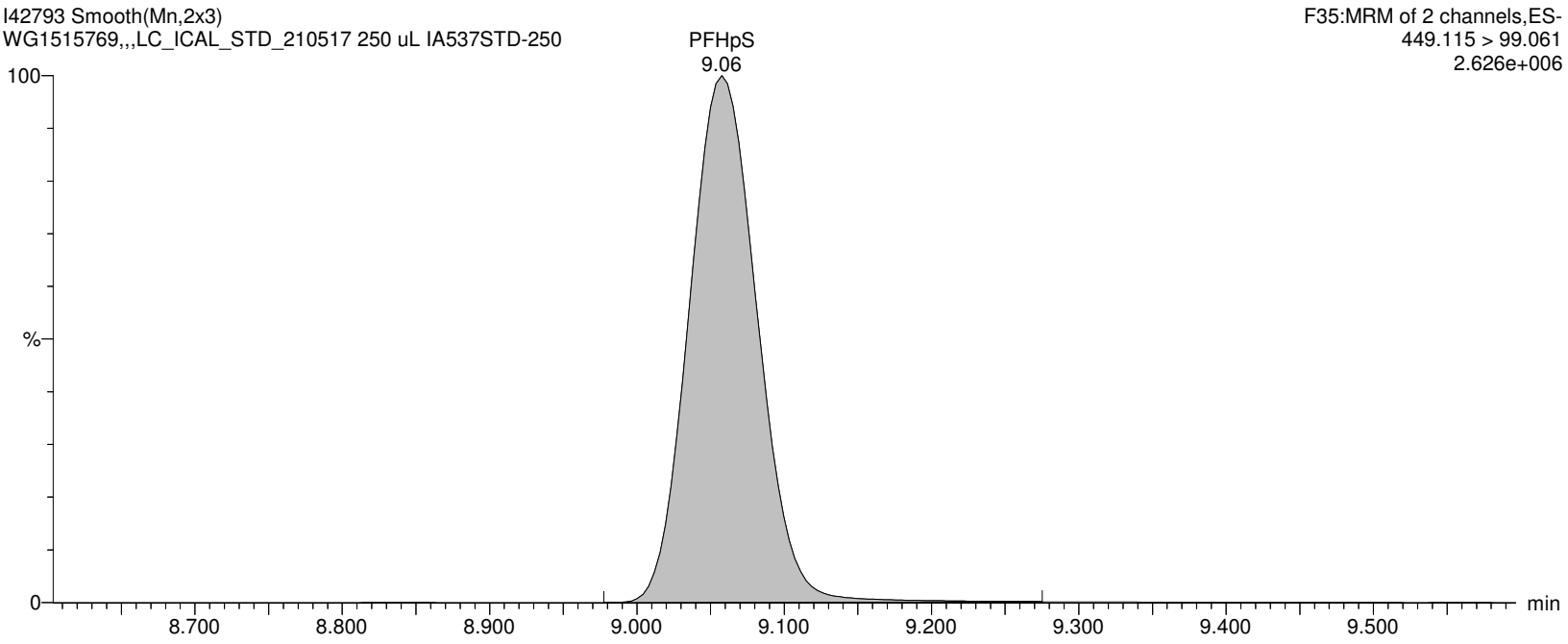
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpS



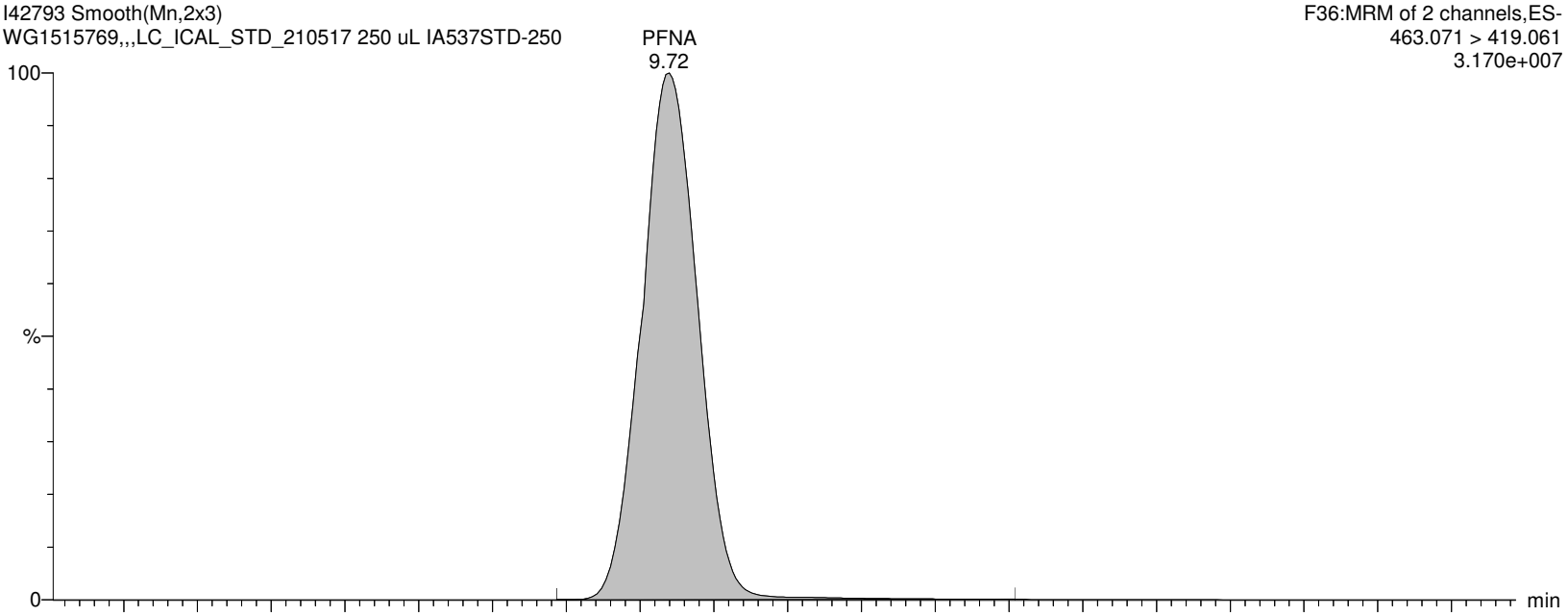


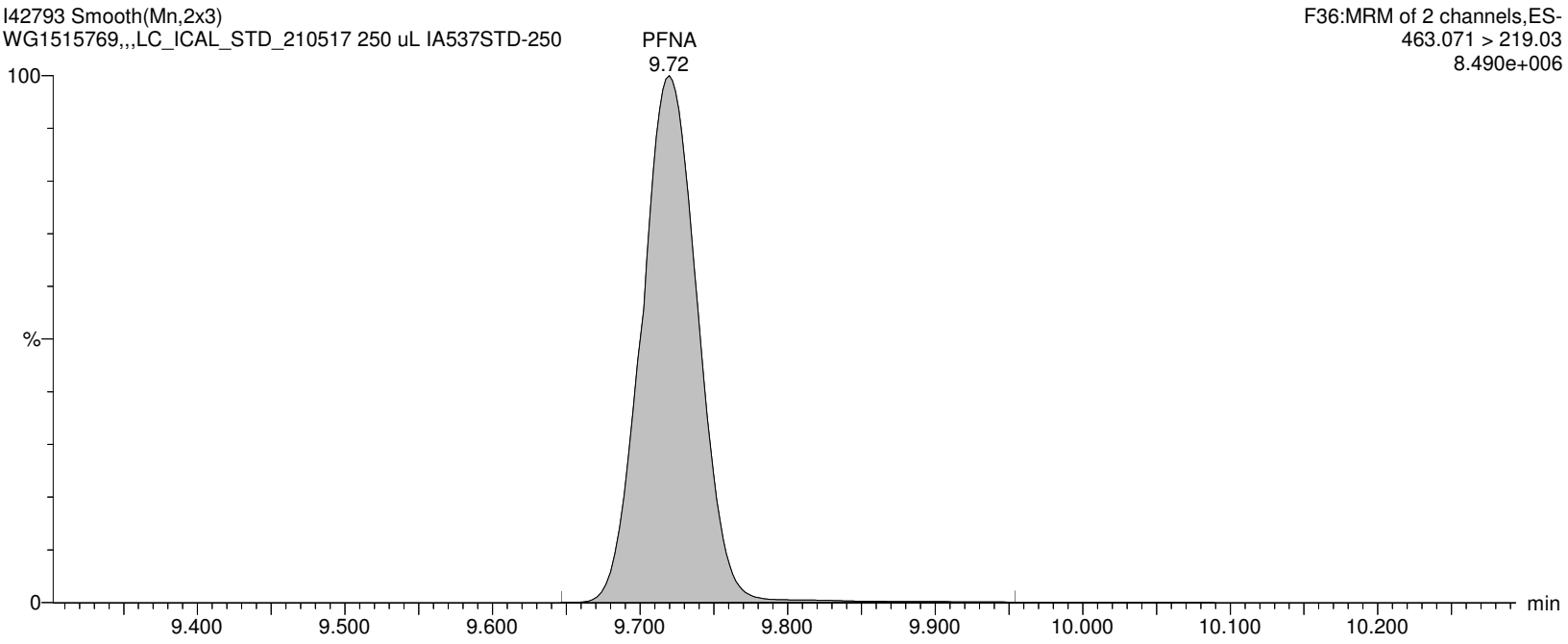
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNA



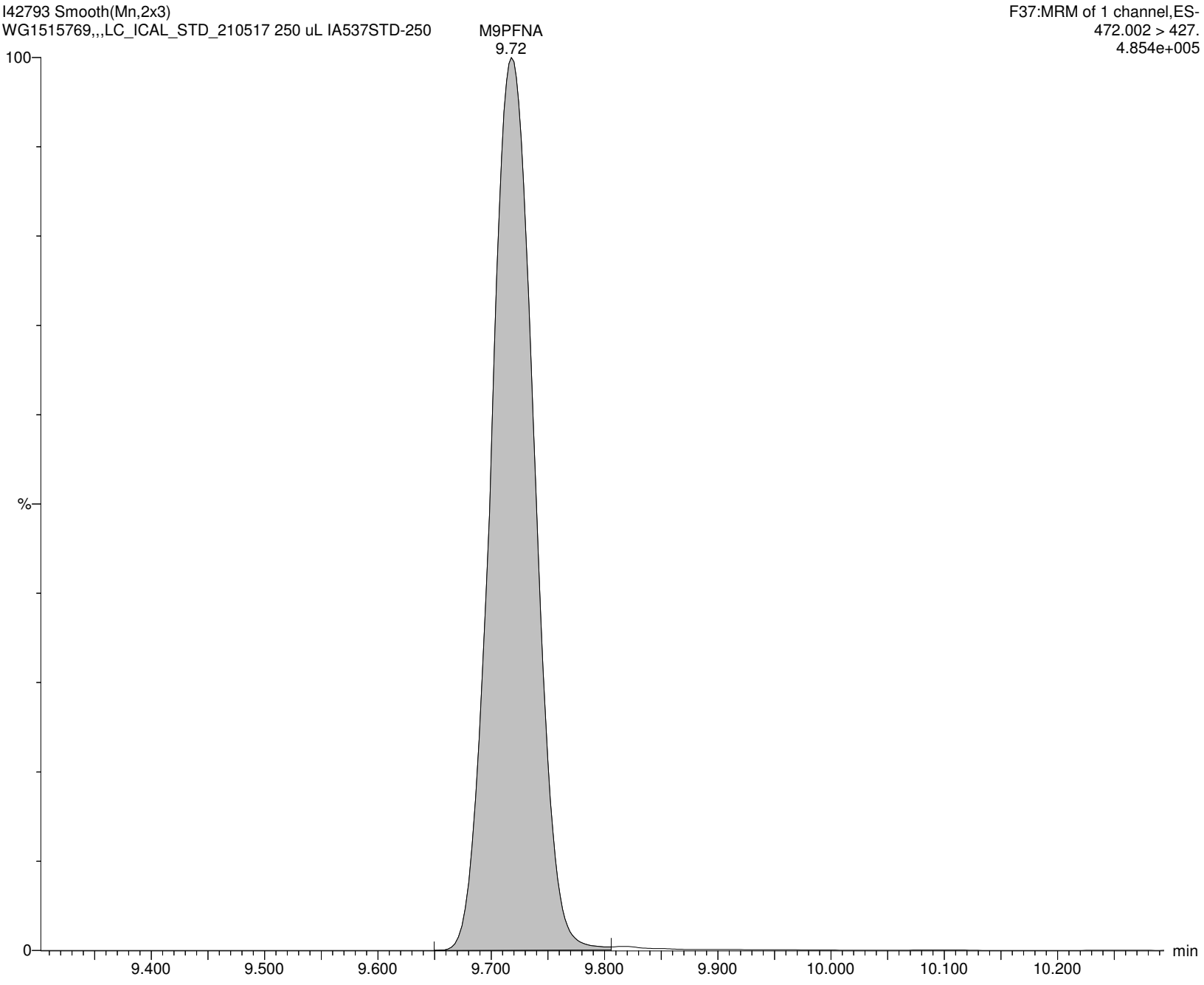


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M9PFNA

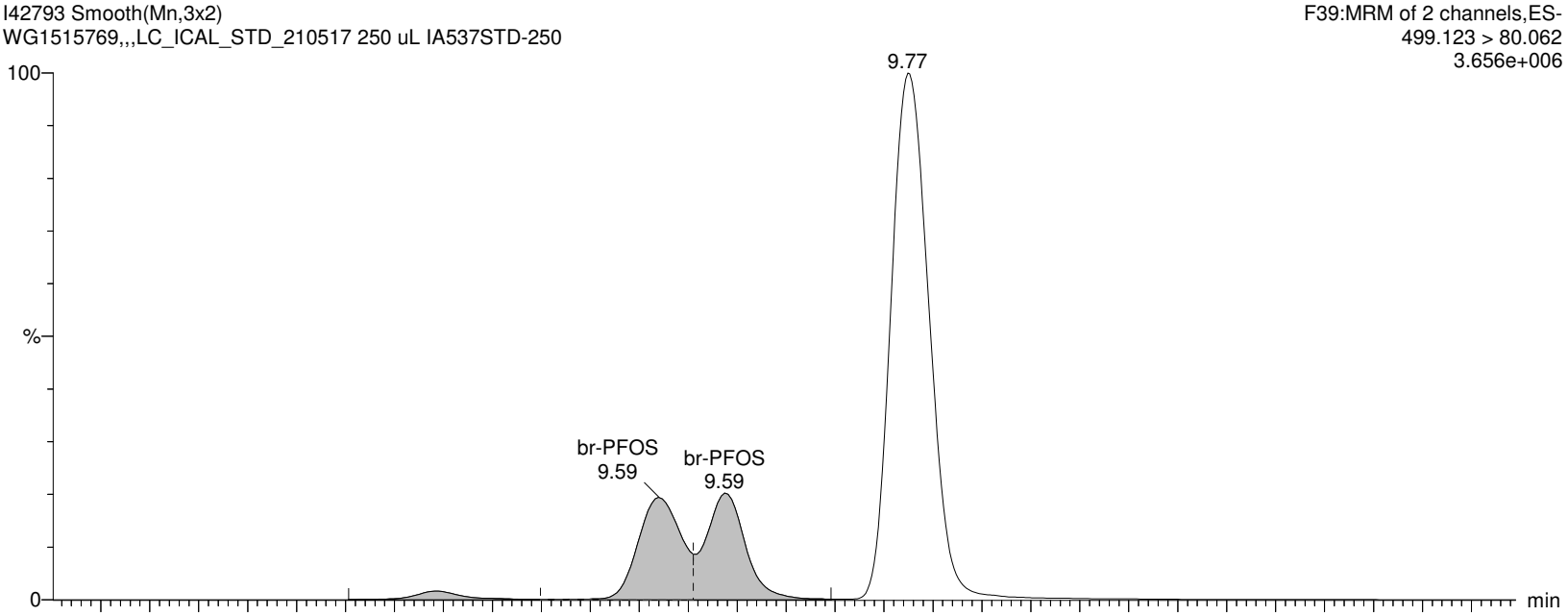


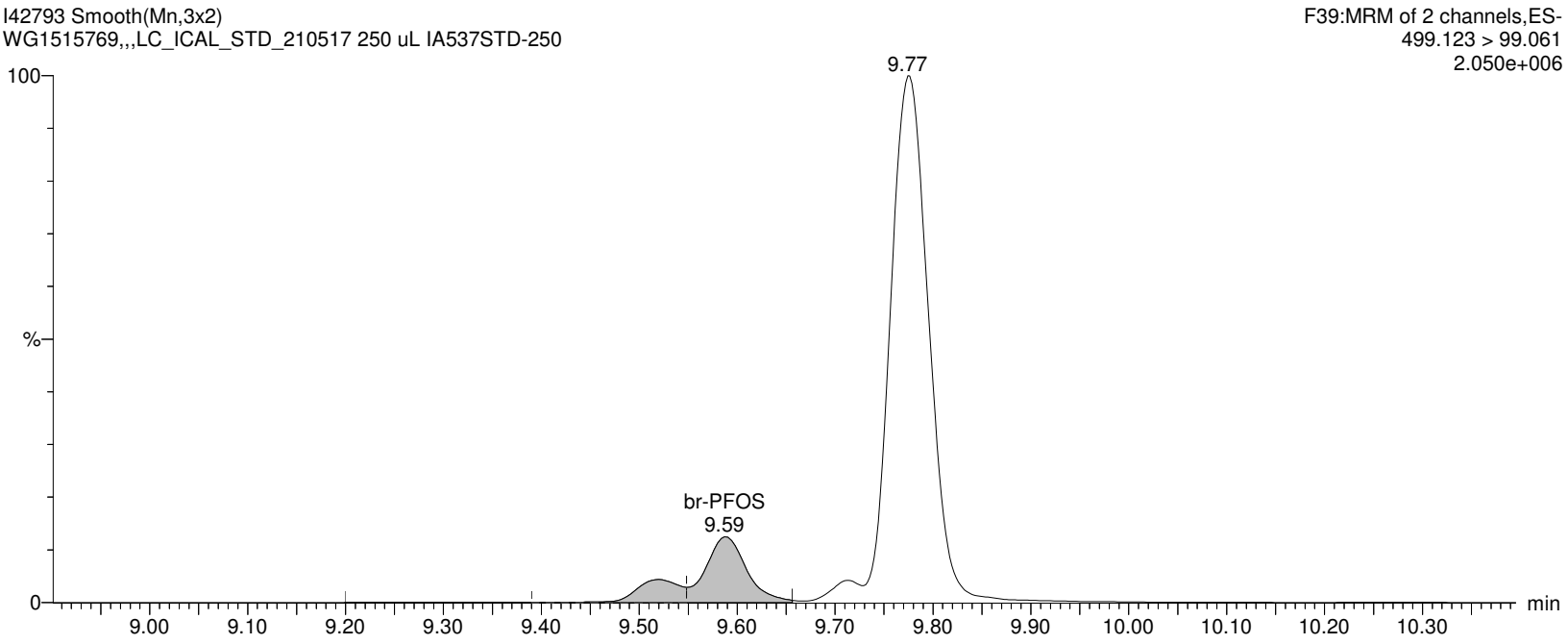
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOS



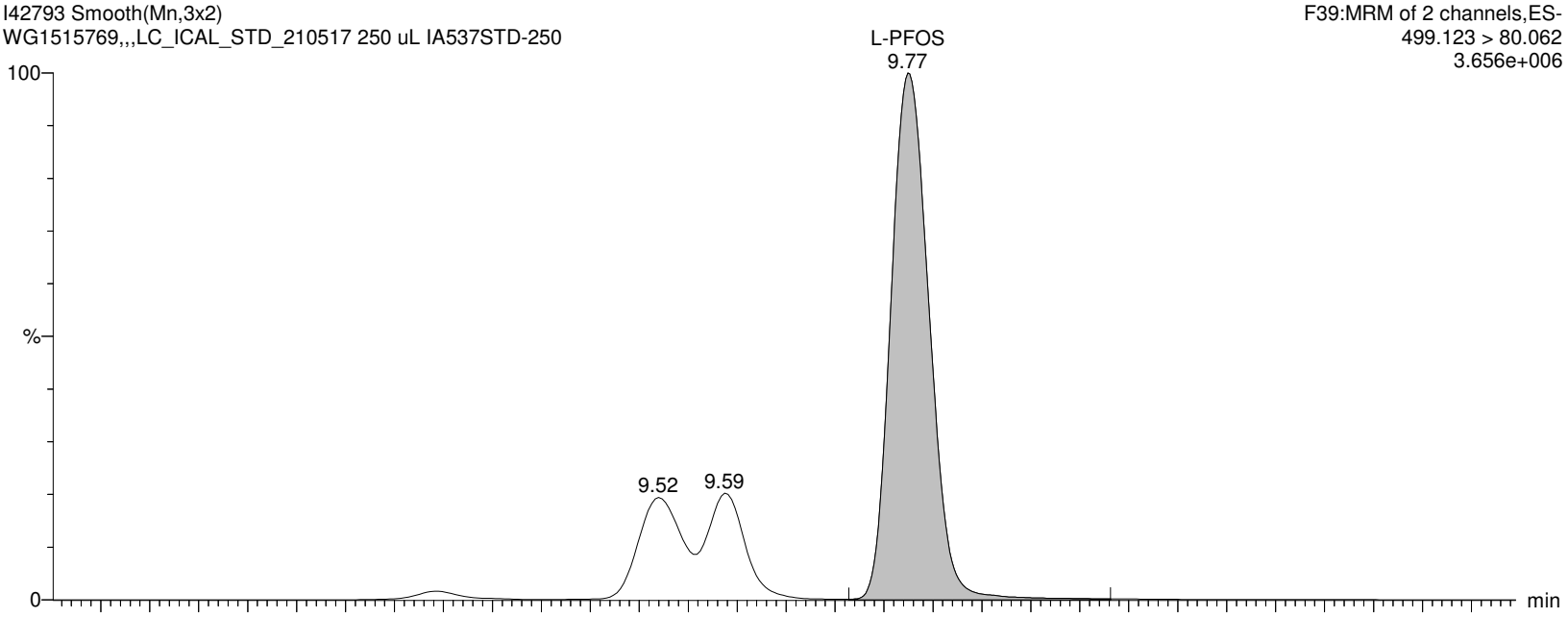


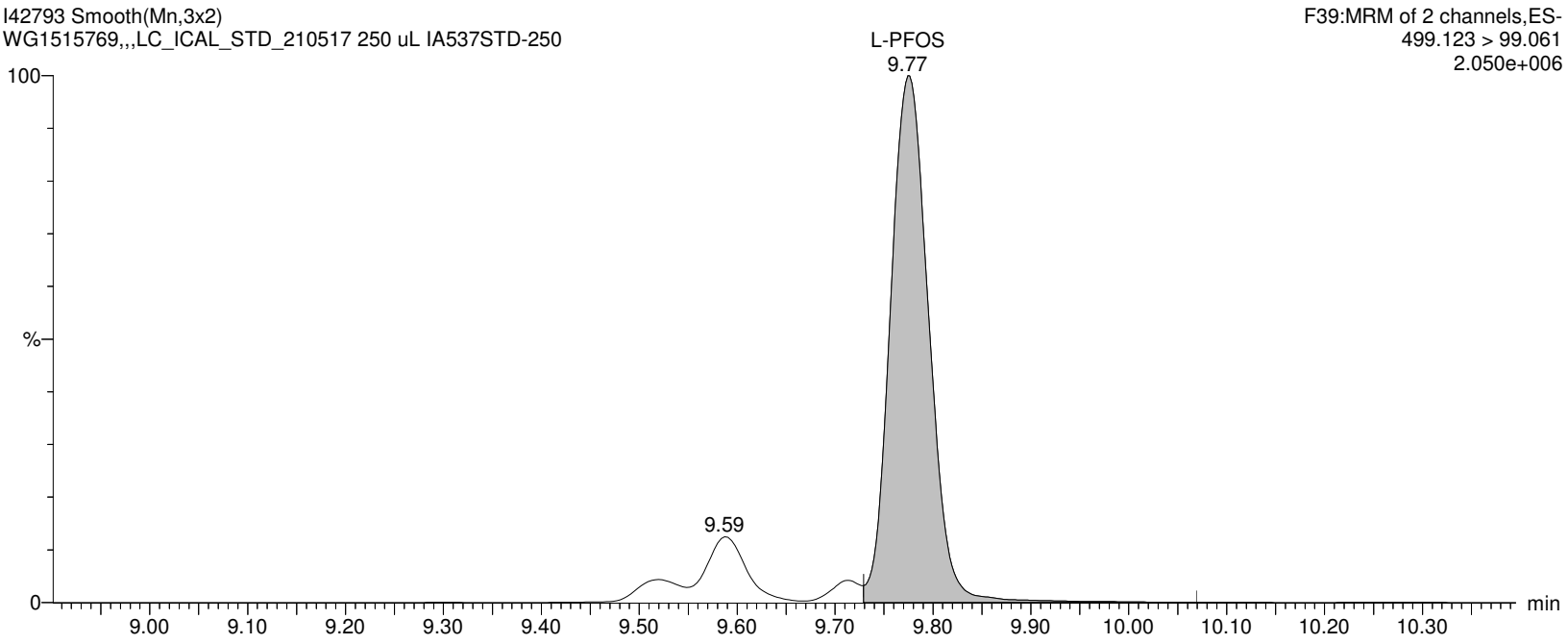
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOS



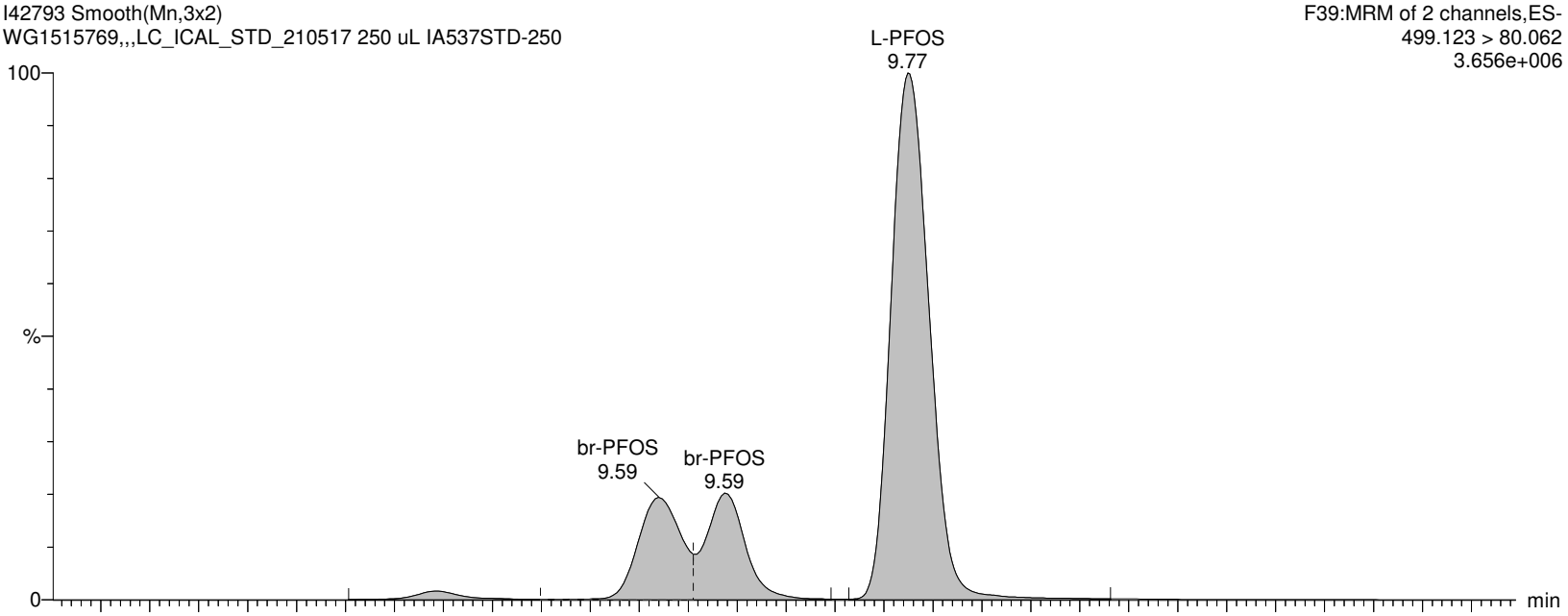


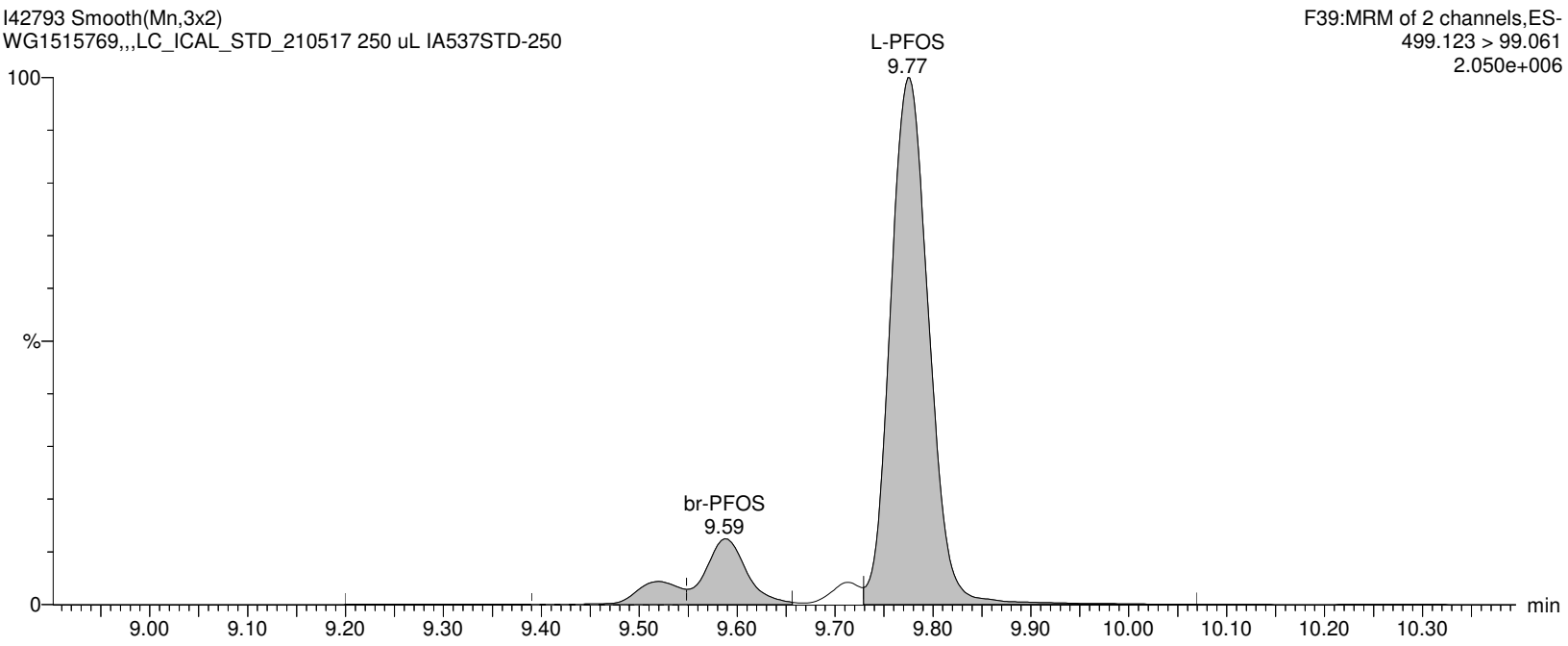
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOS



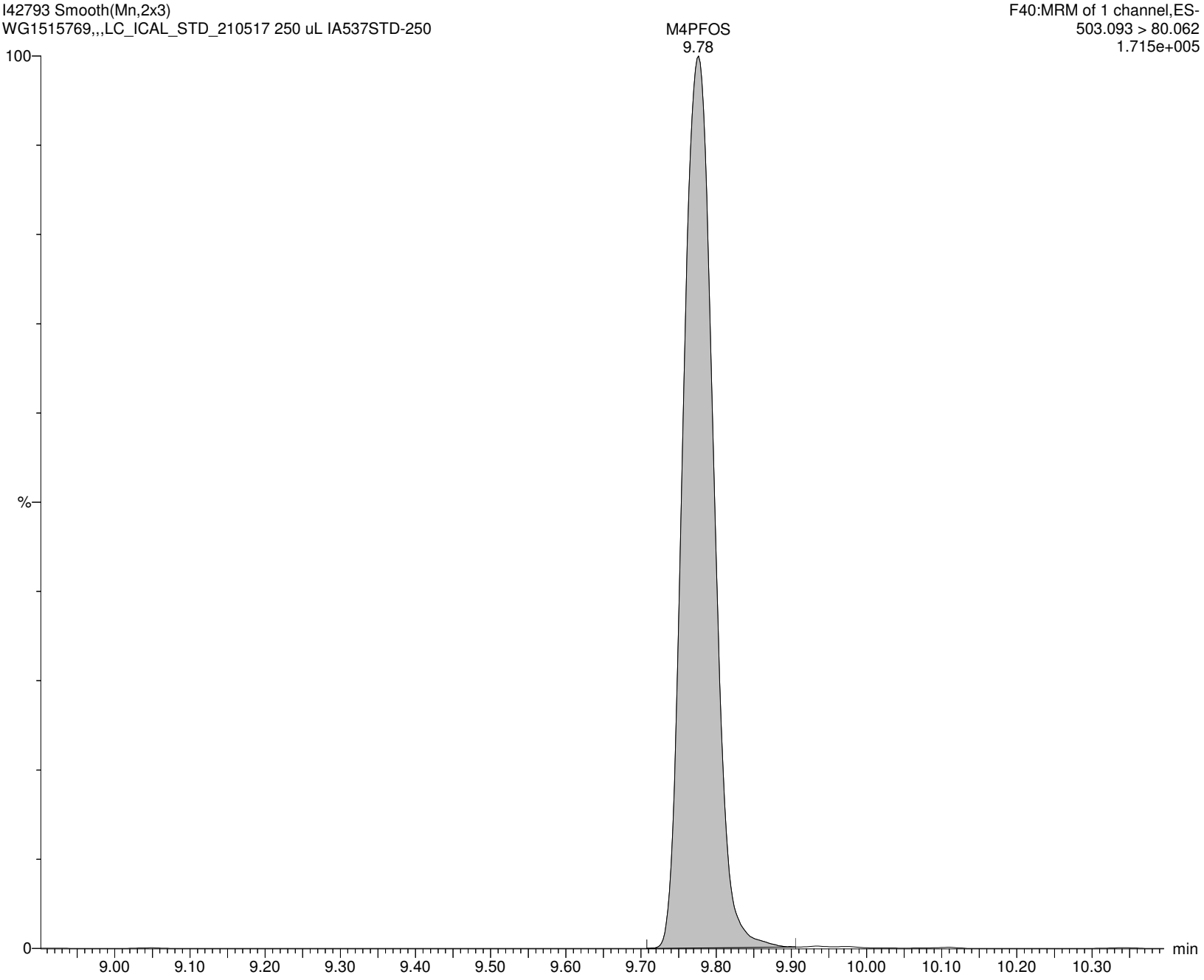


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOS

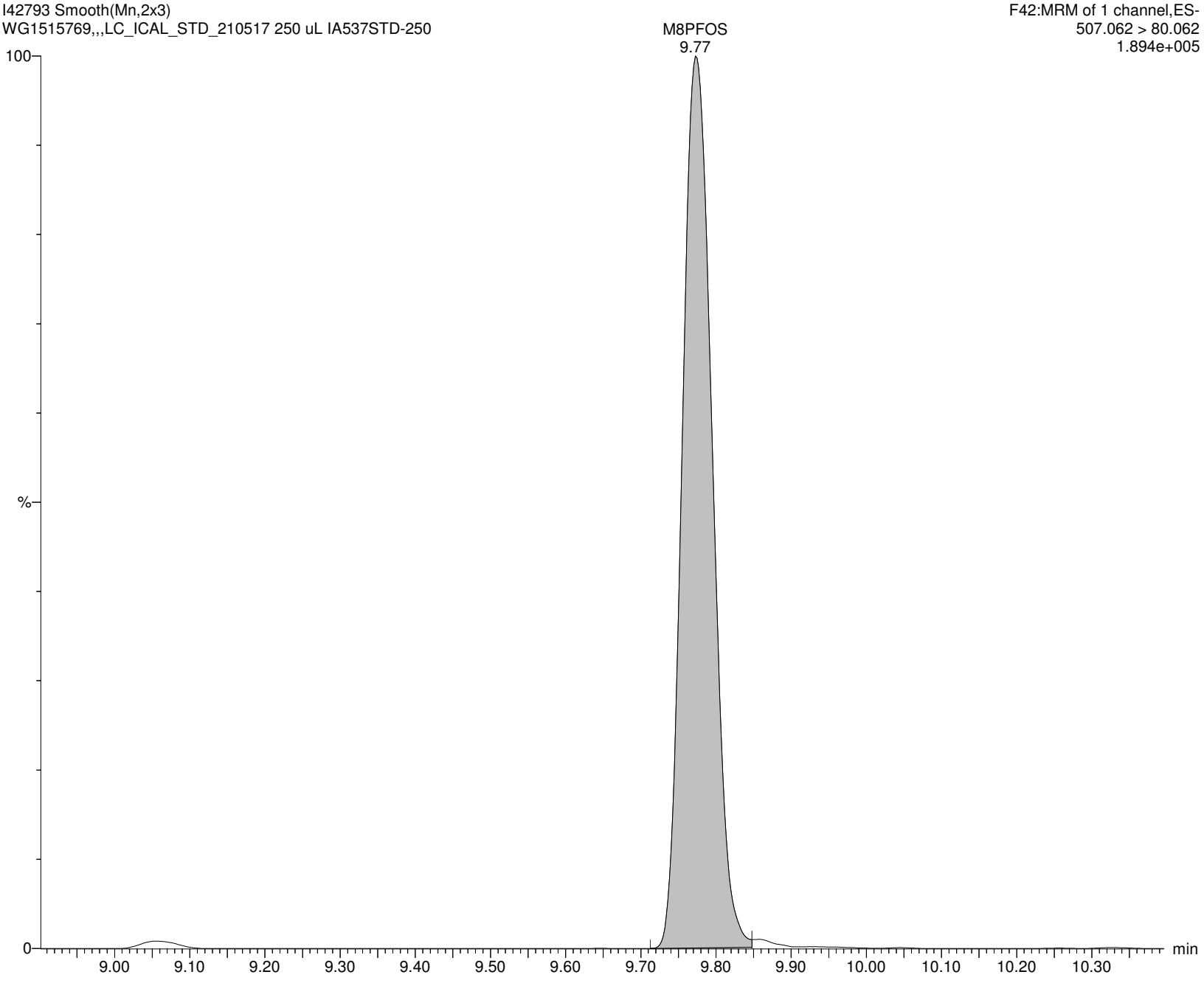


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOS

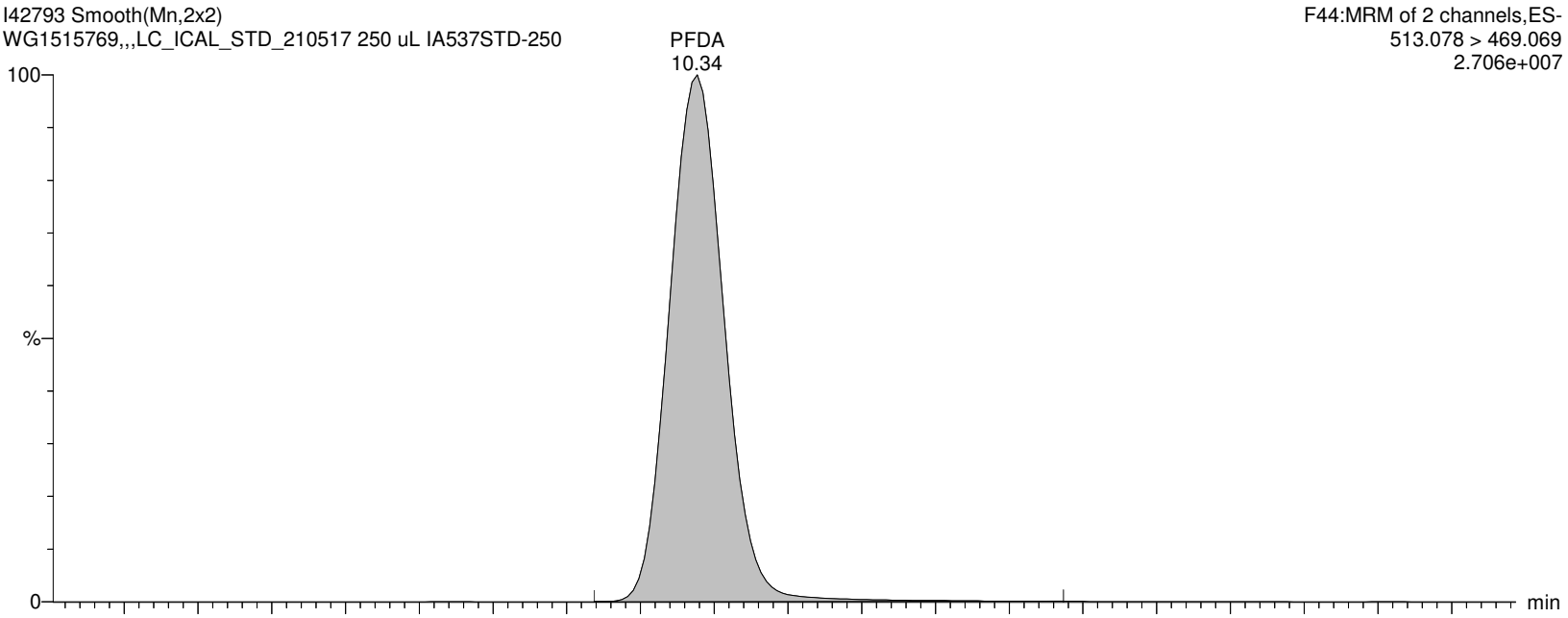


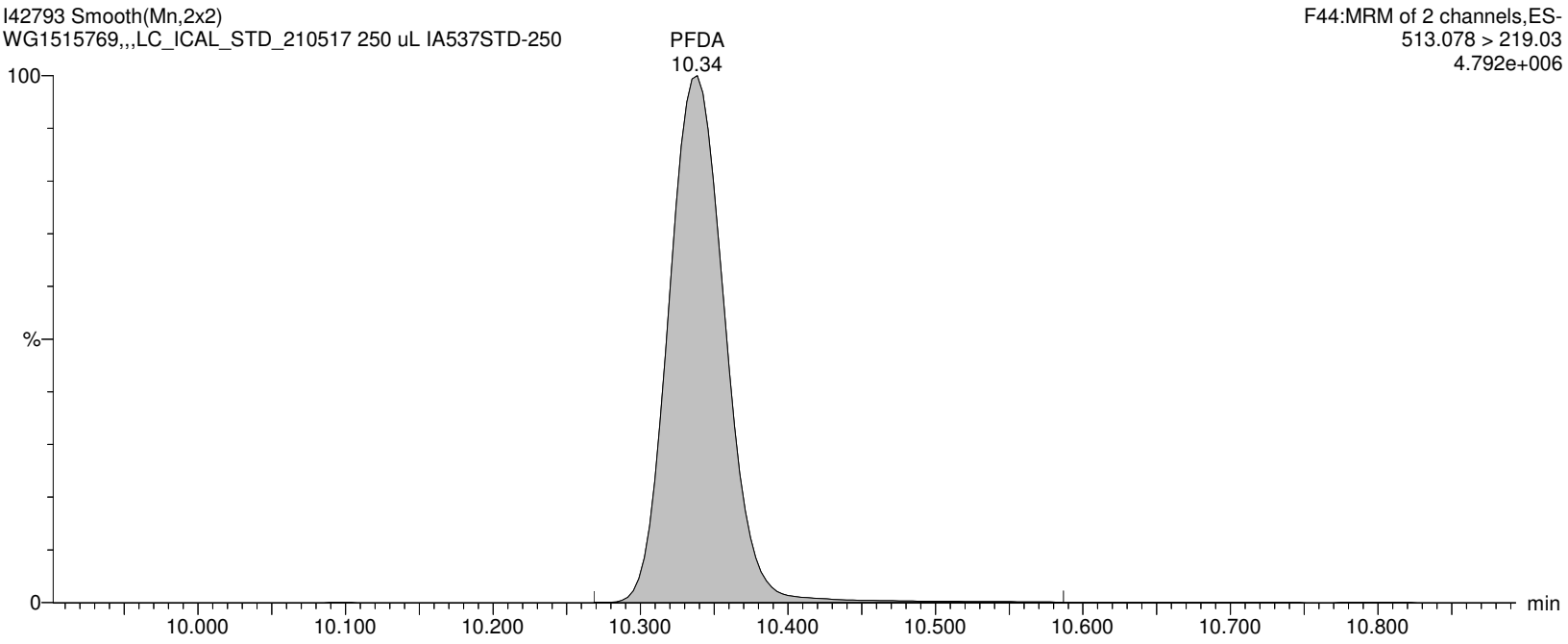
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDA



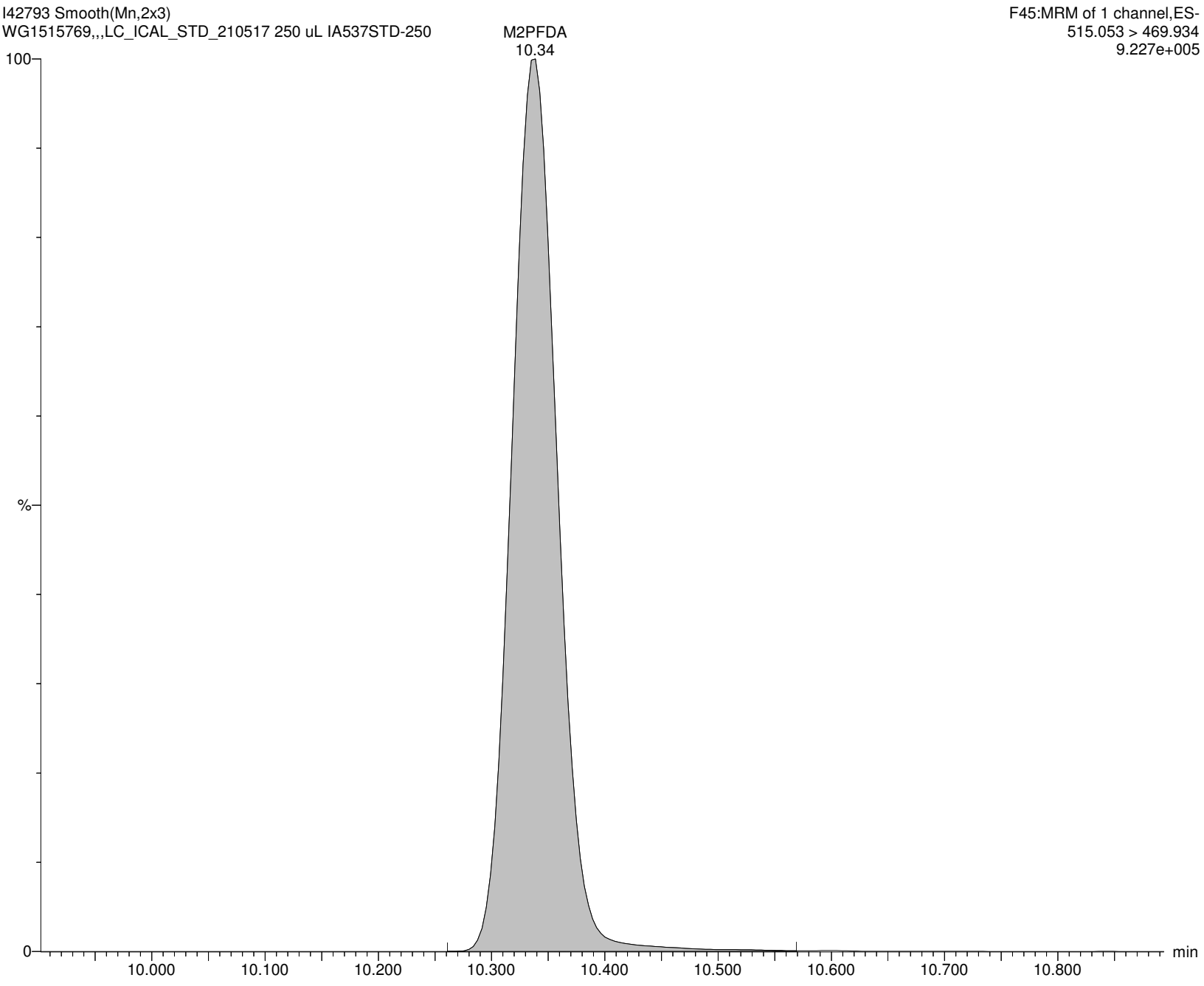


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFDA

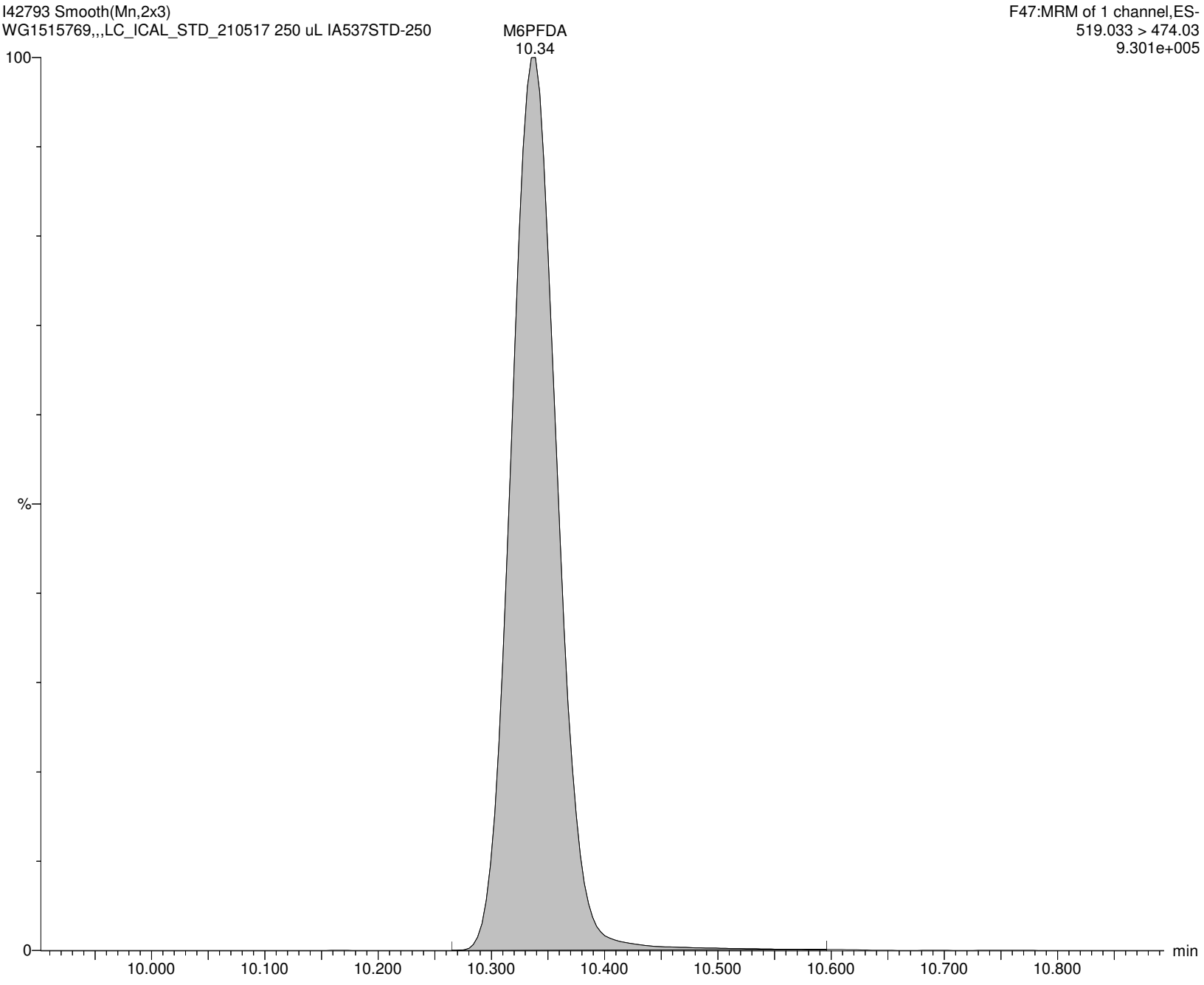


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M6PFDA

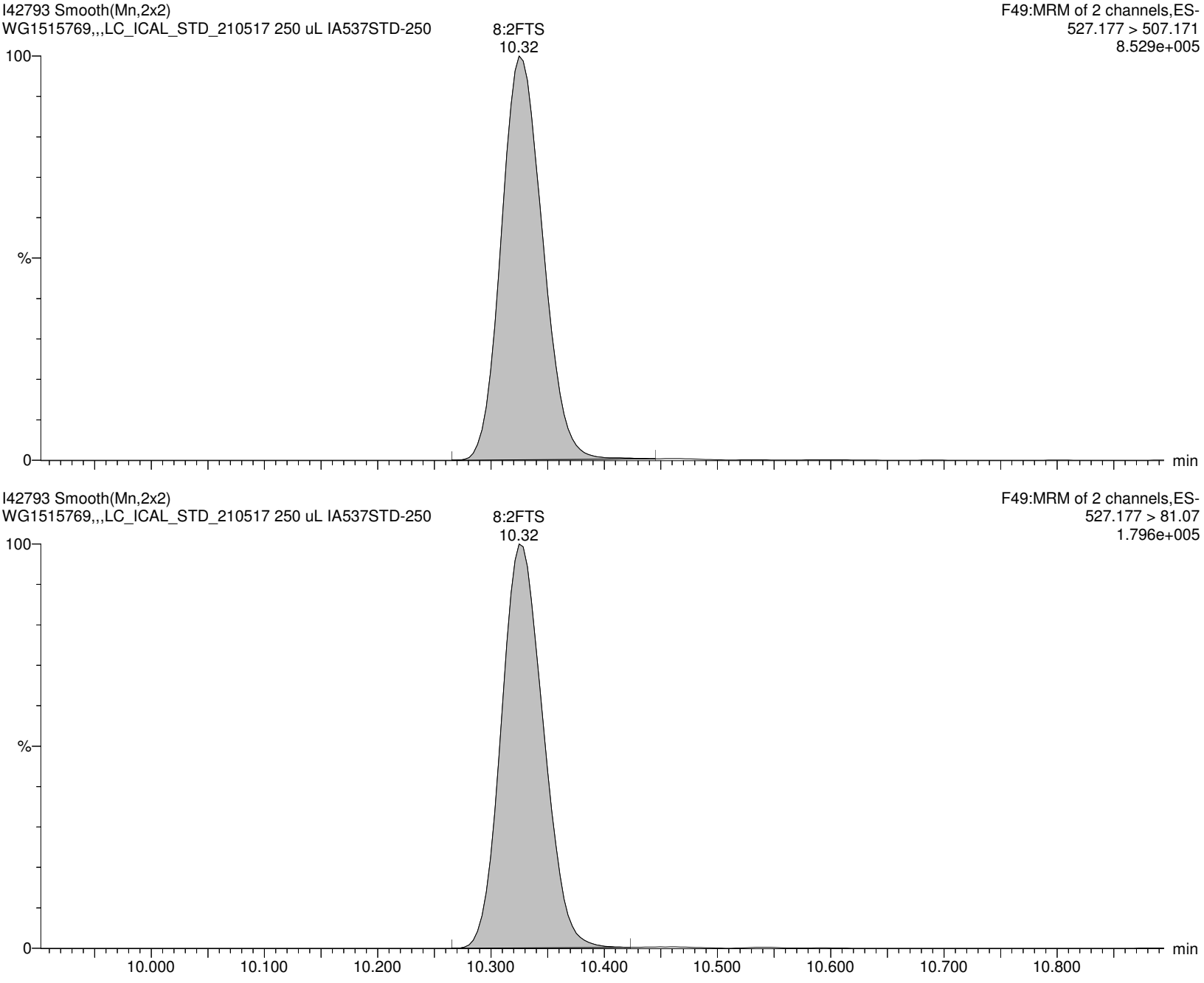


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

8:2FTS

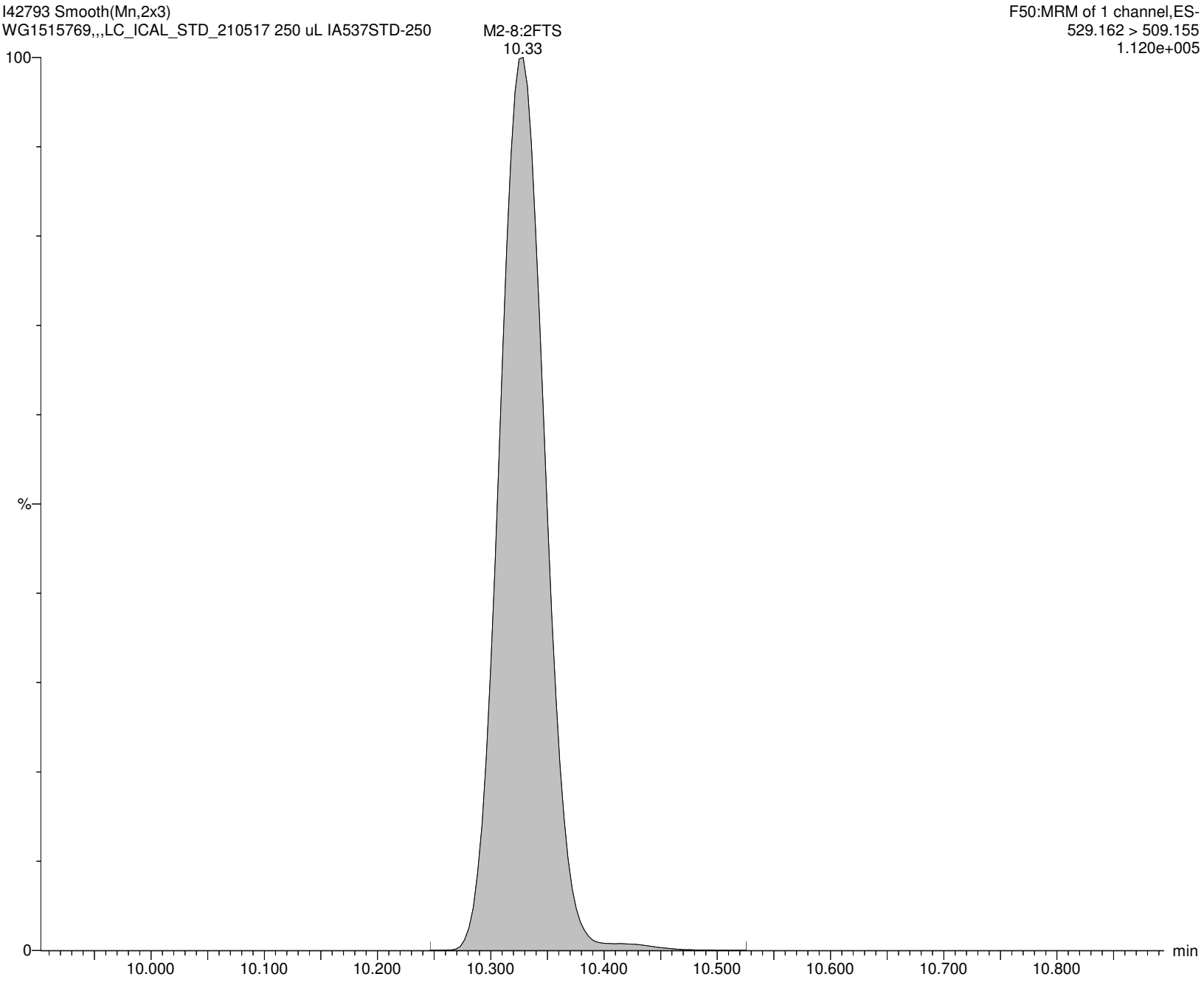


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-8:2FTS

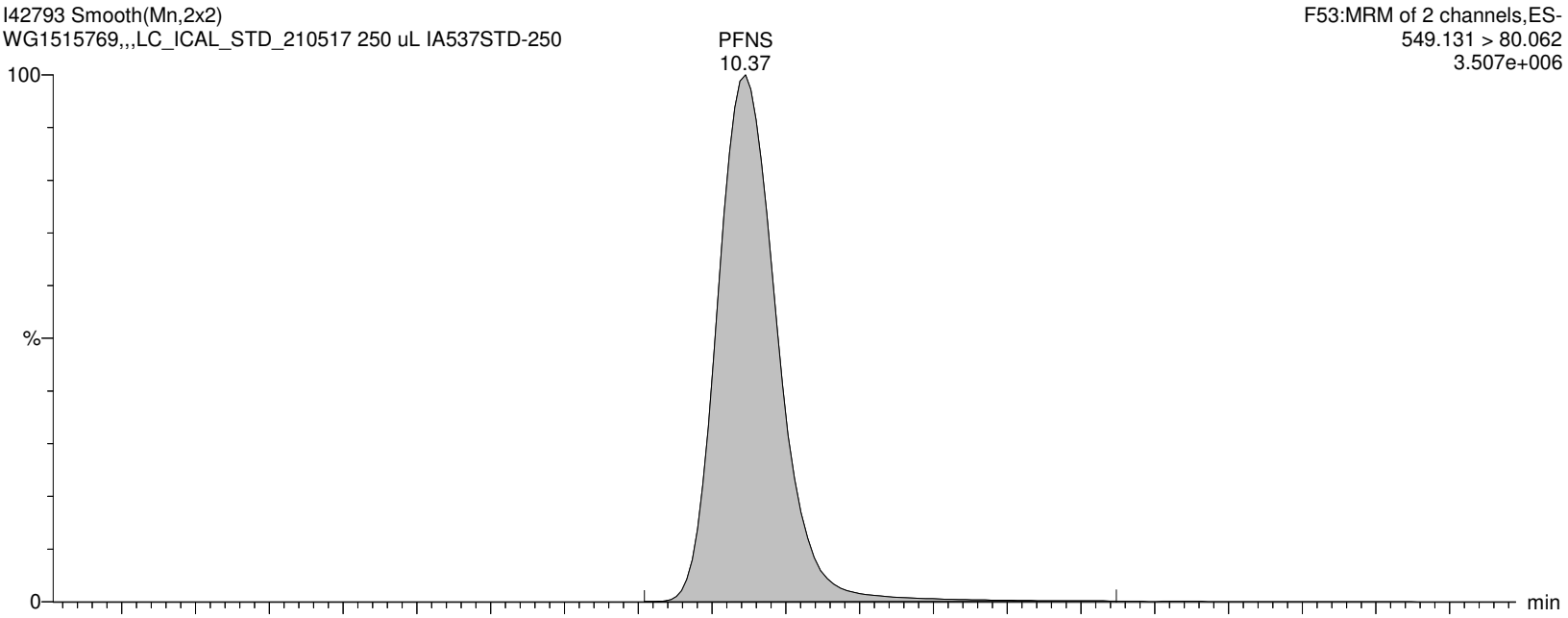


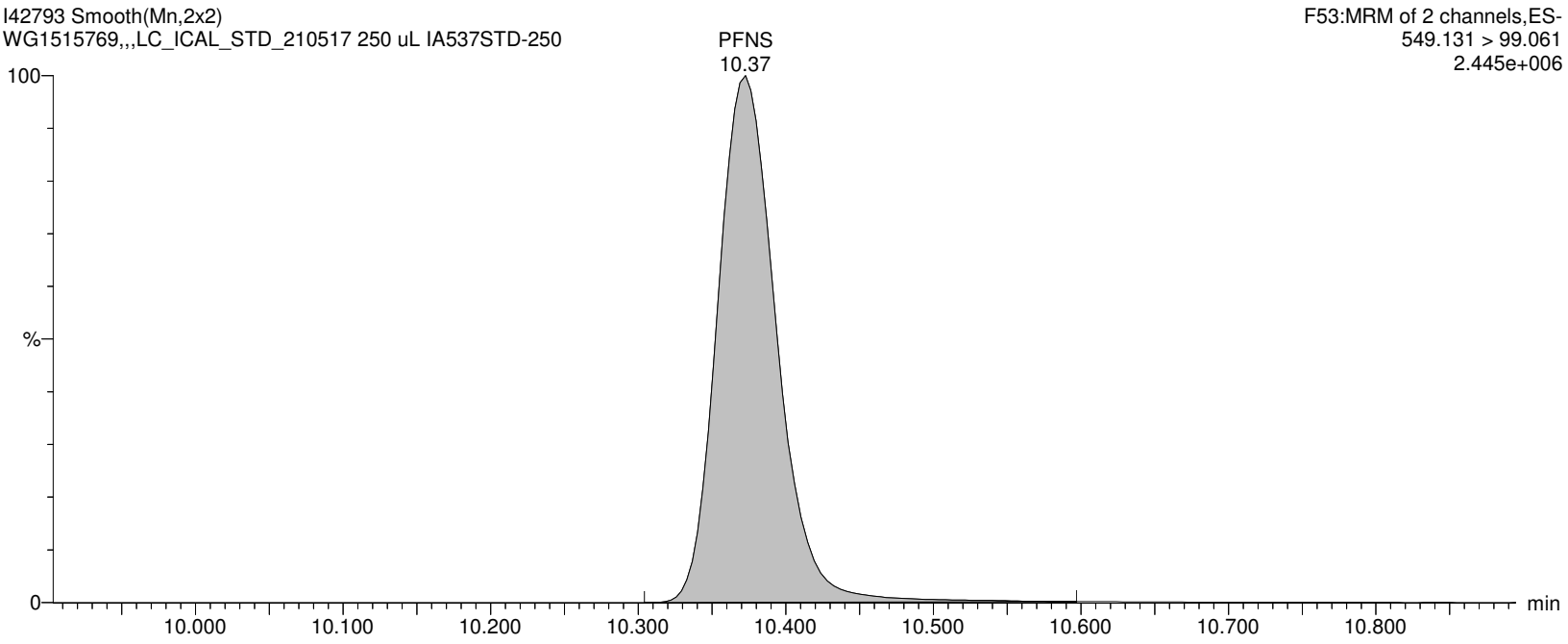
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNS



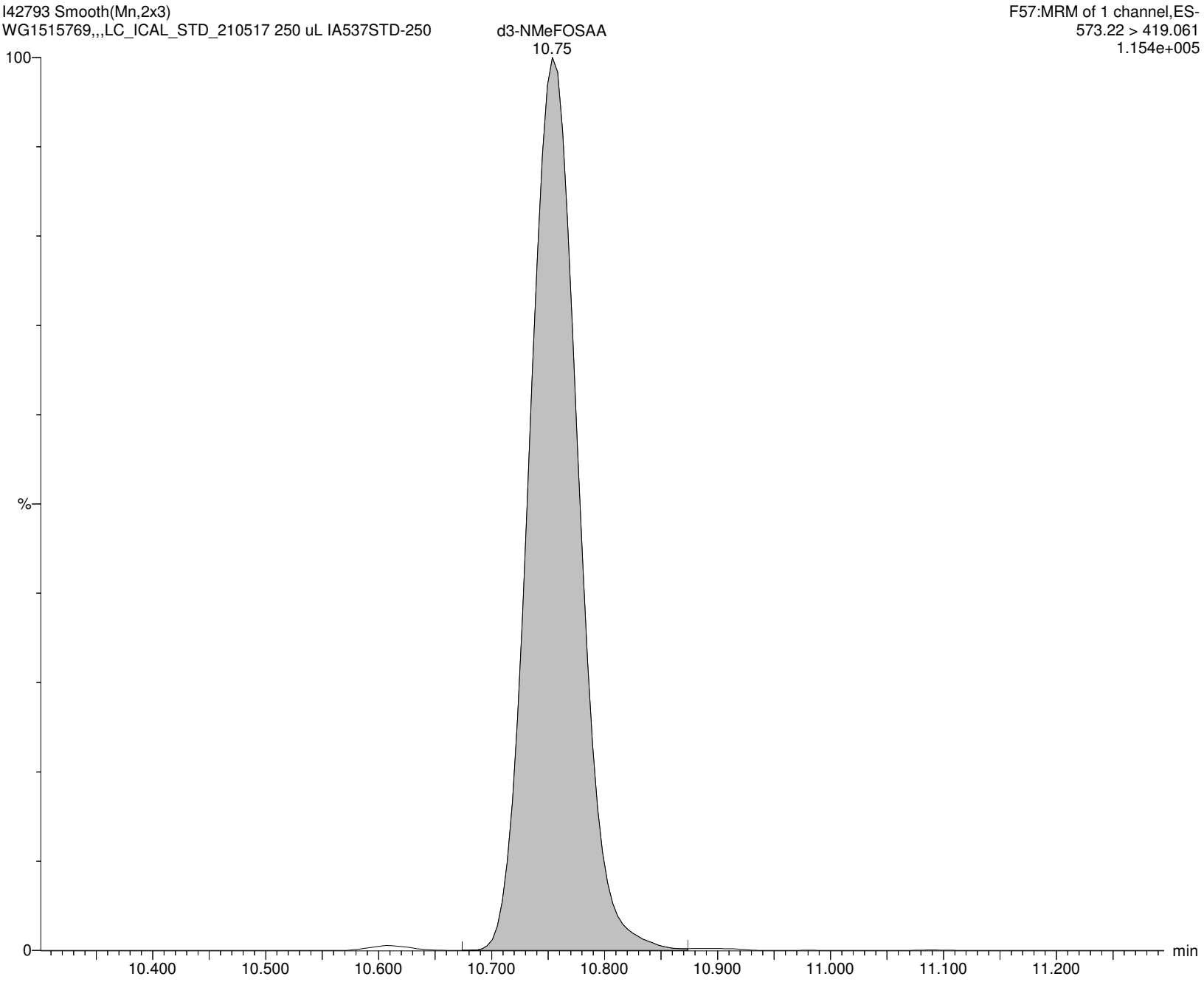


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSAA

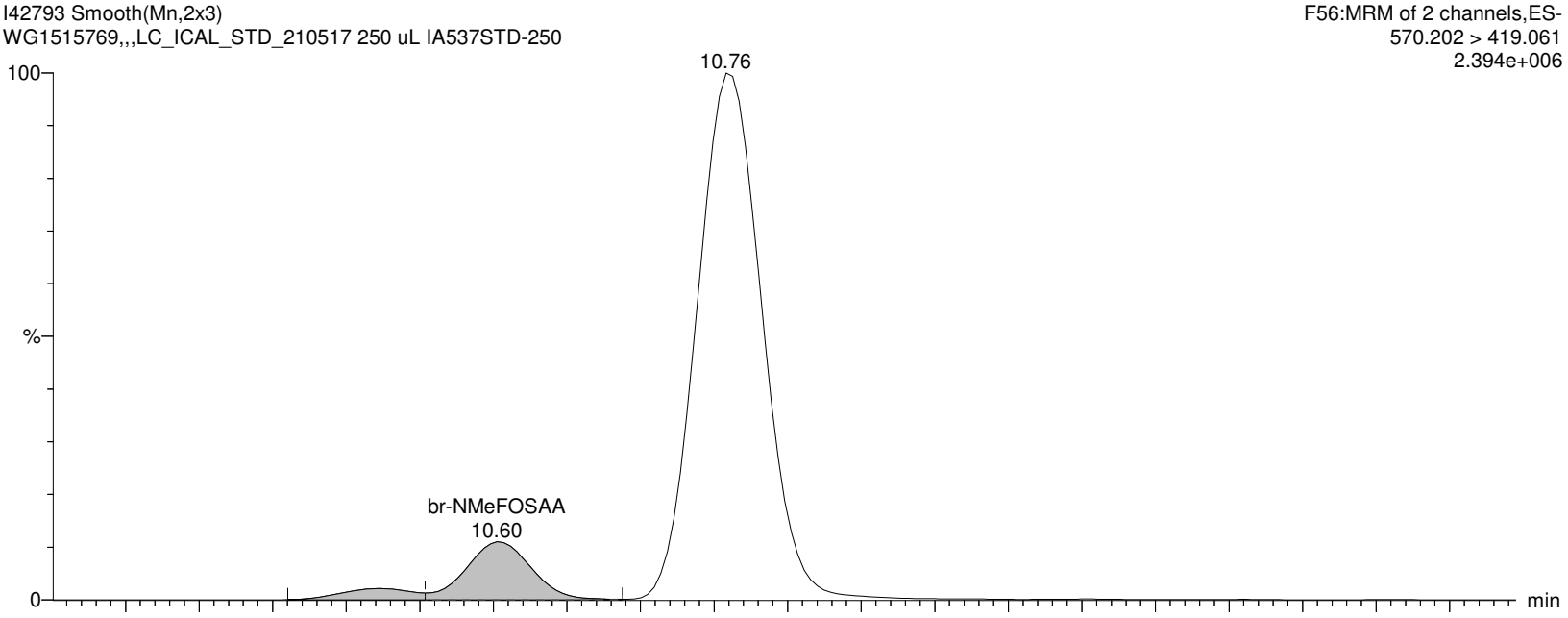


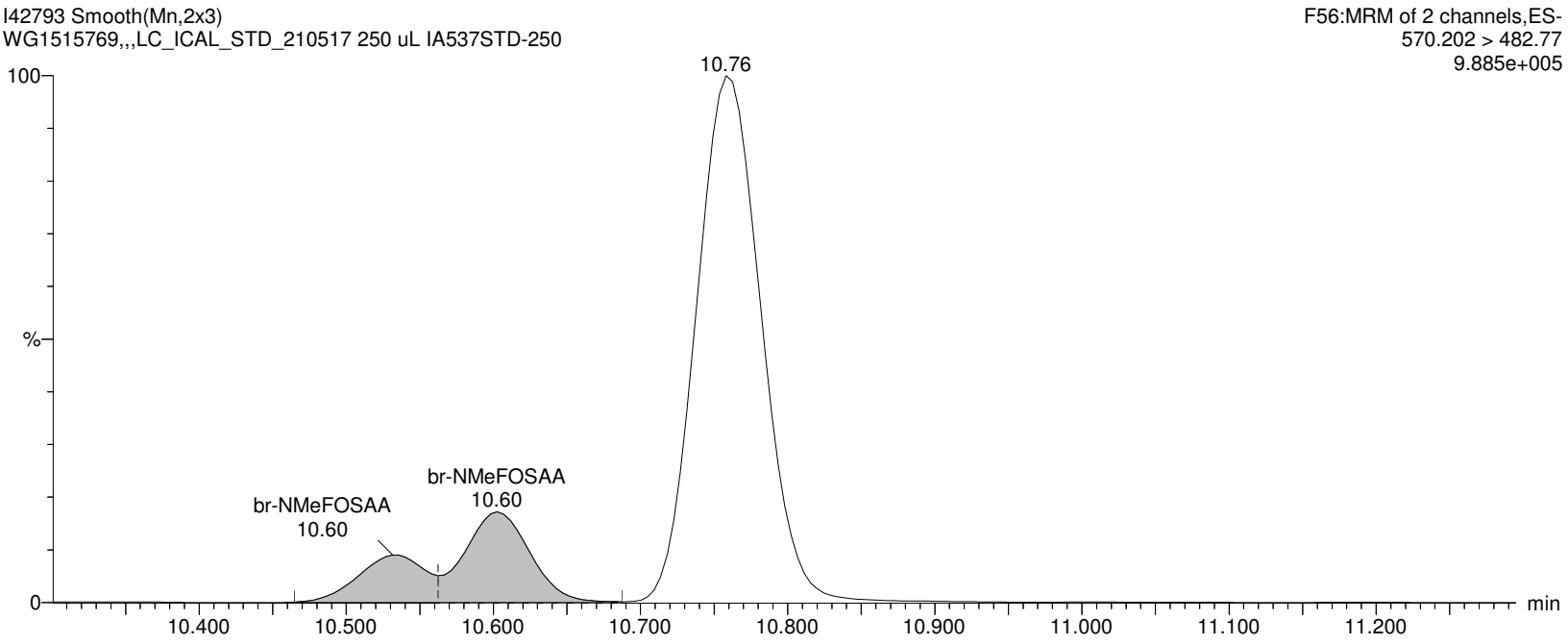
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NMeFOSAA



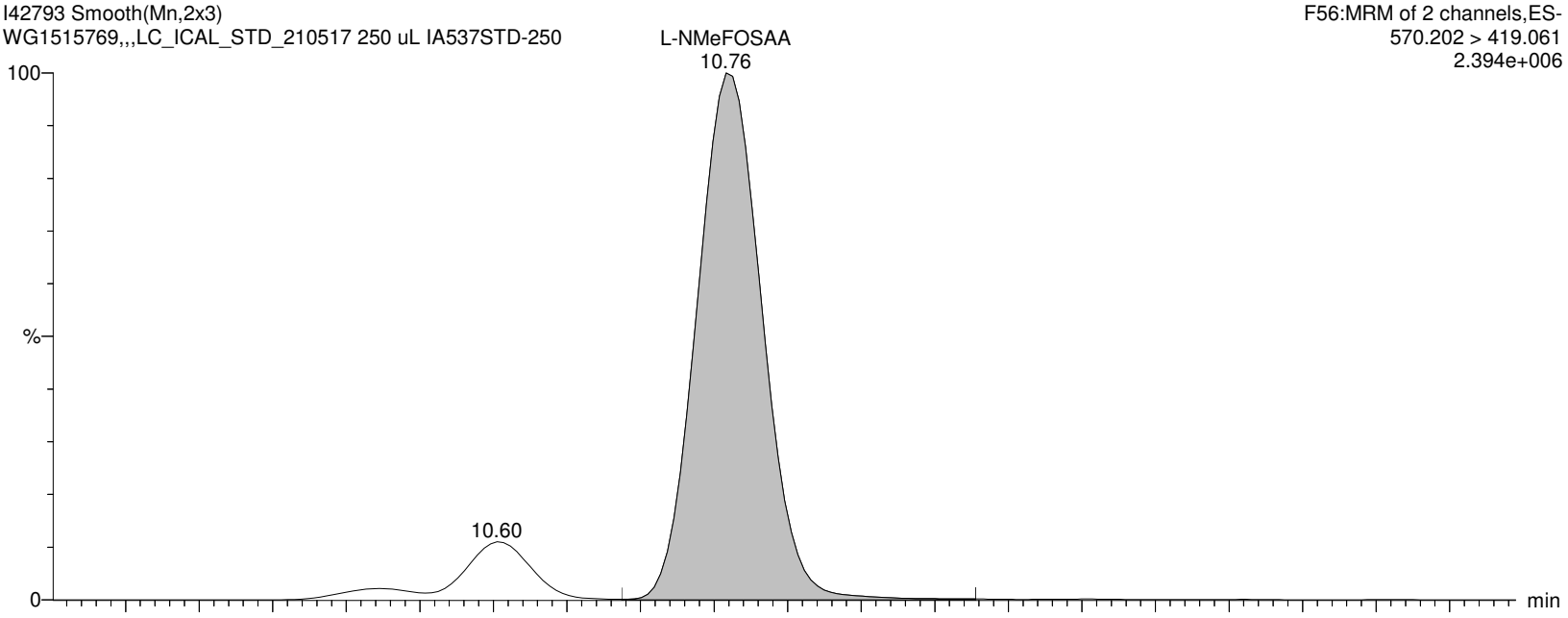


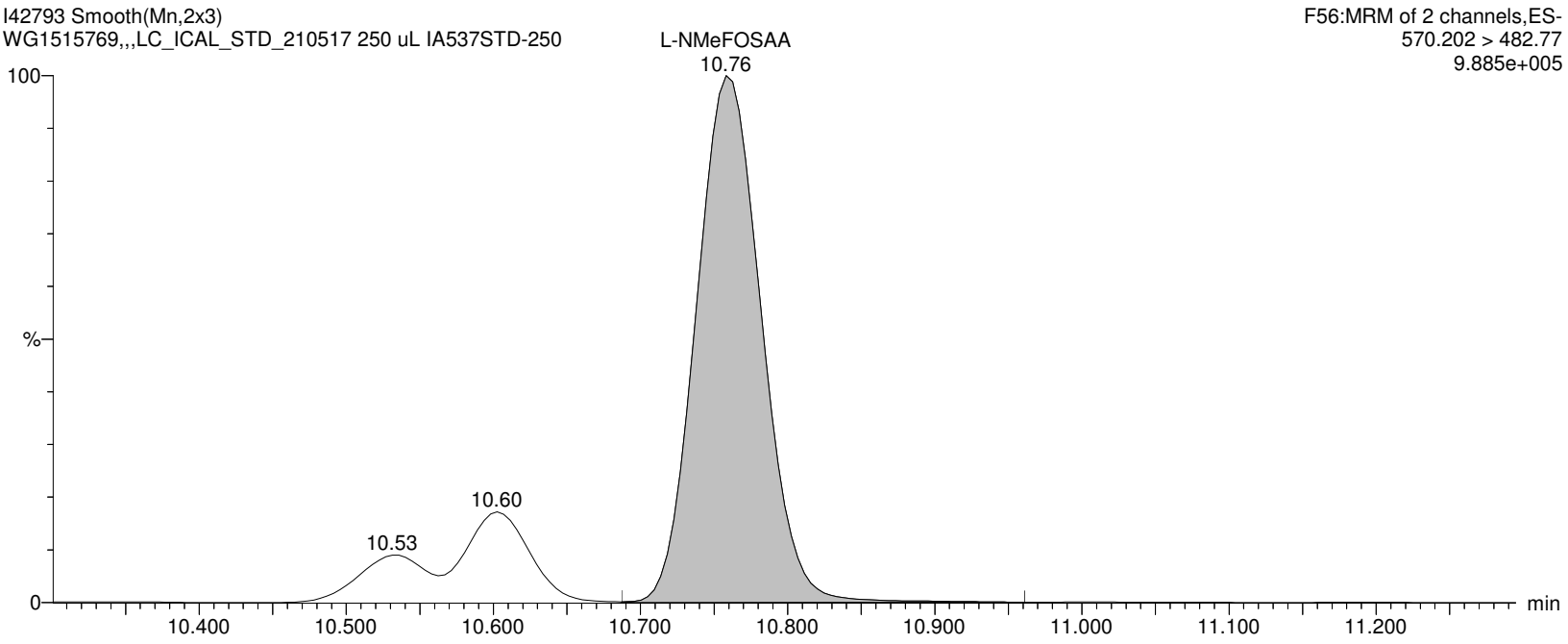
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NMeFOSAA



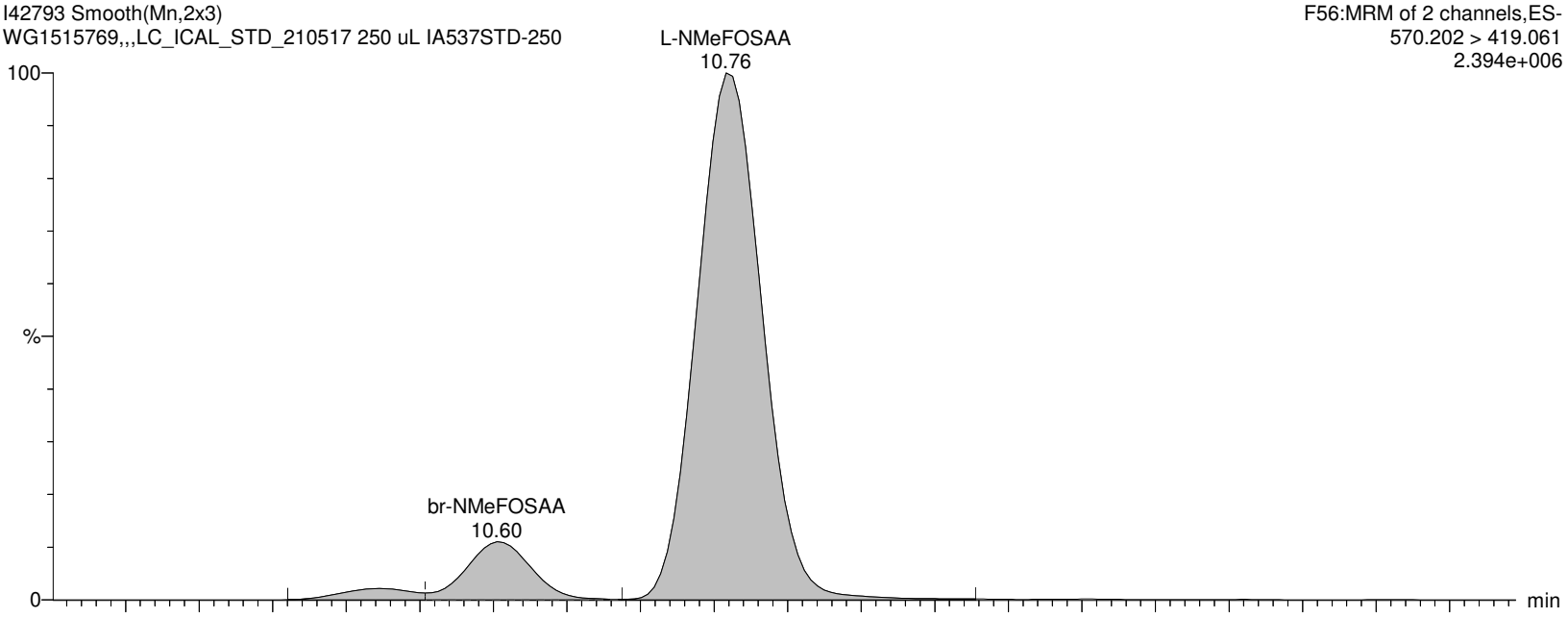


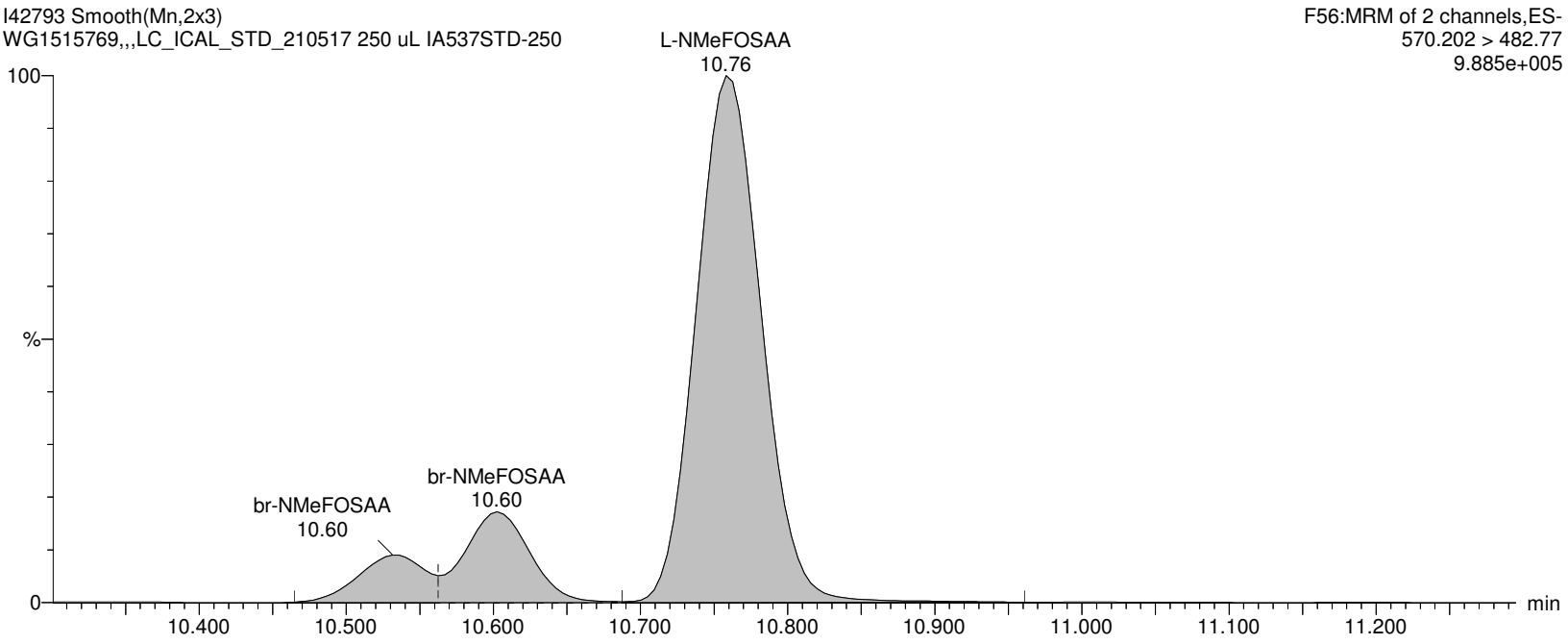
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSAA



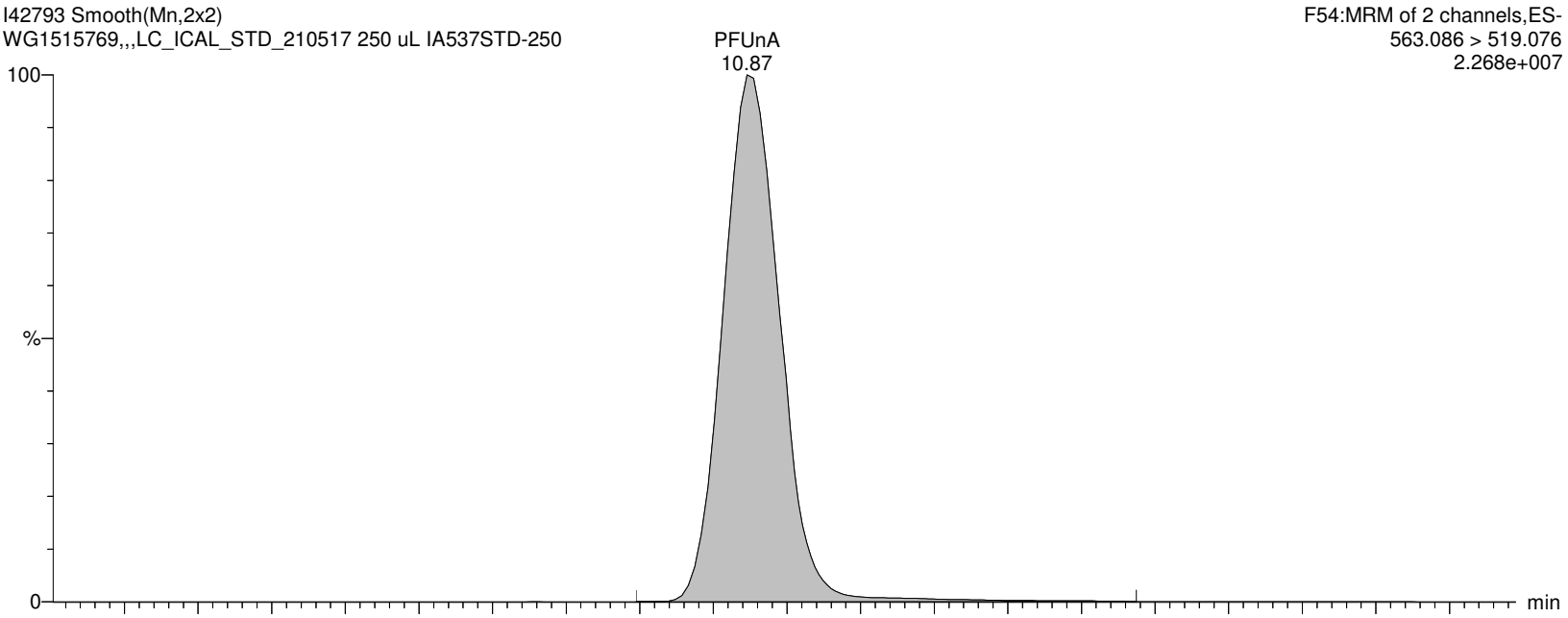


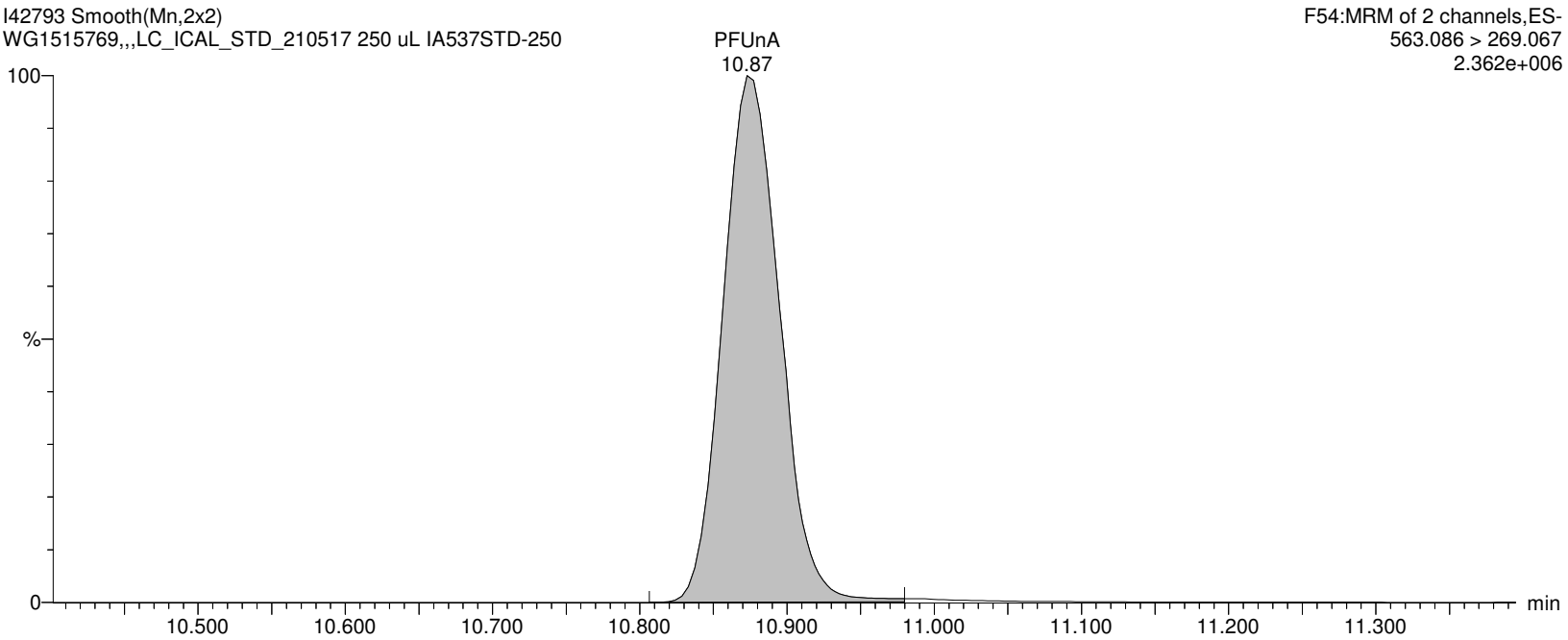
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFUnA



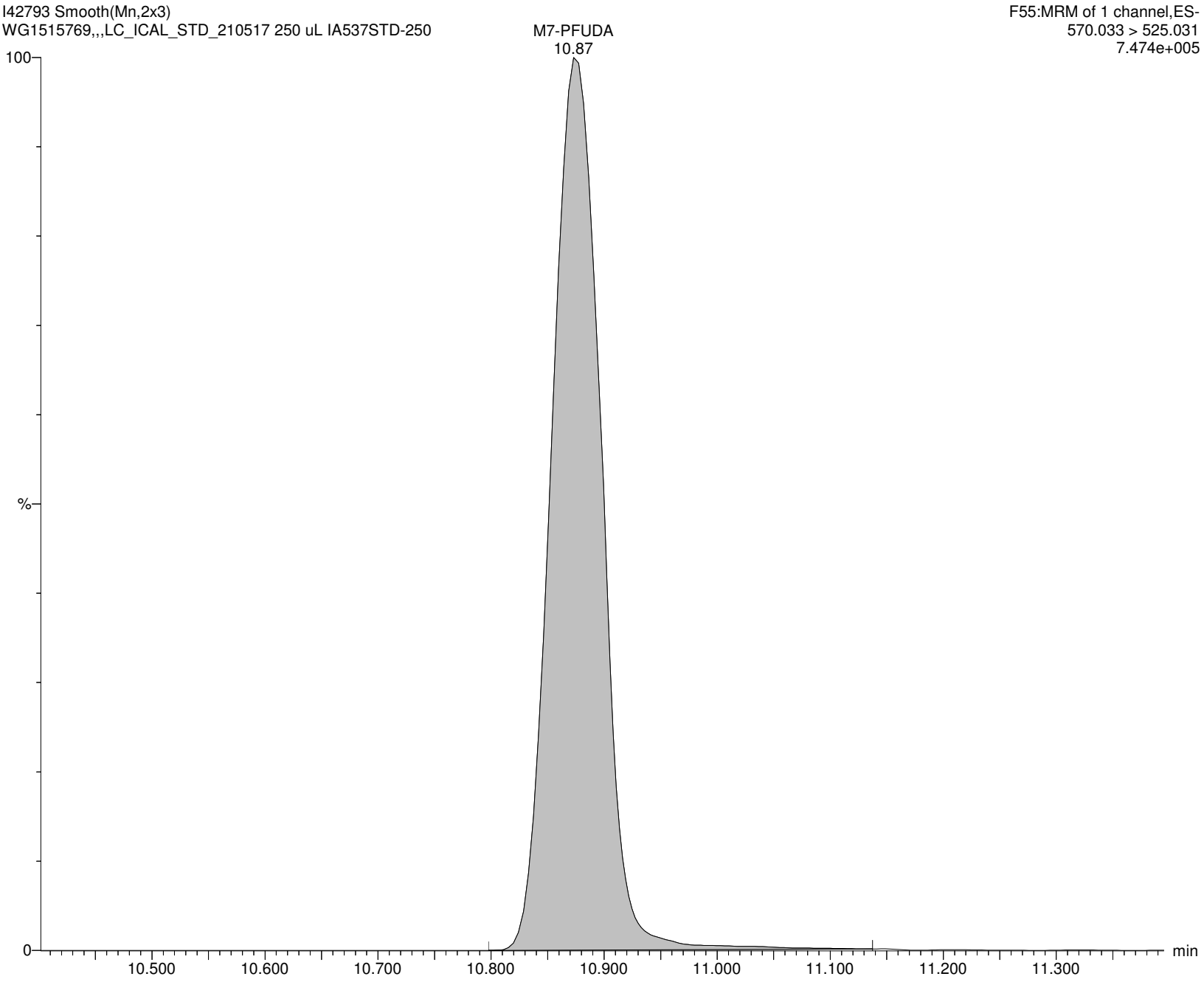


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M7-PFUDA

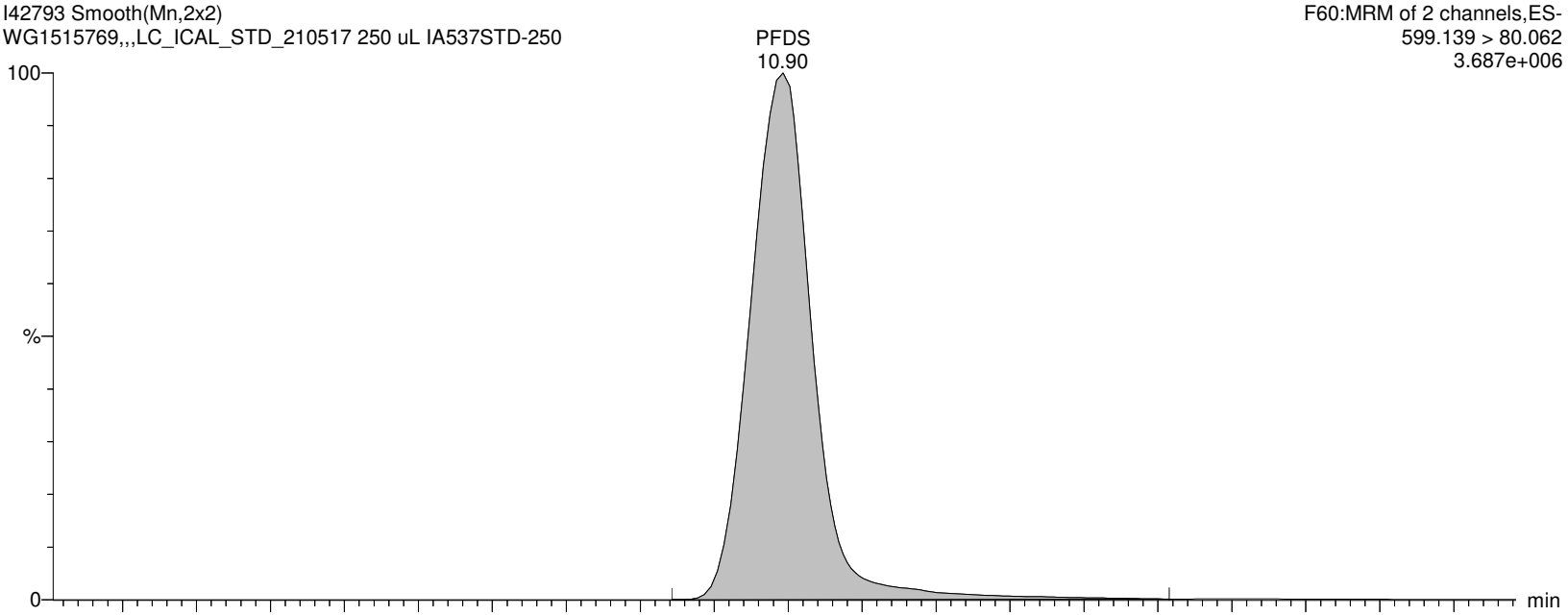


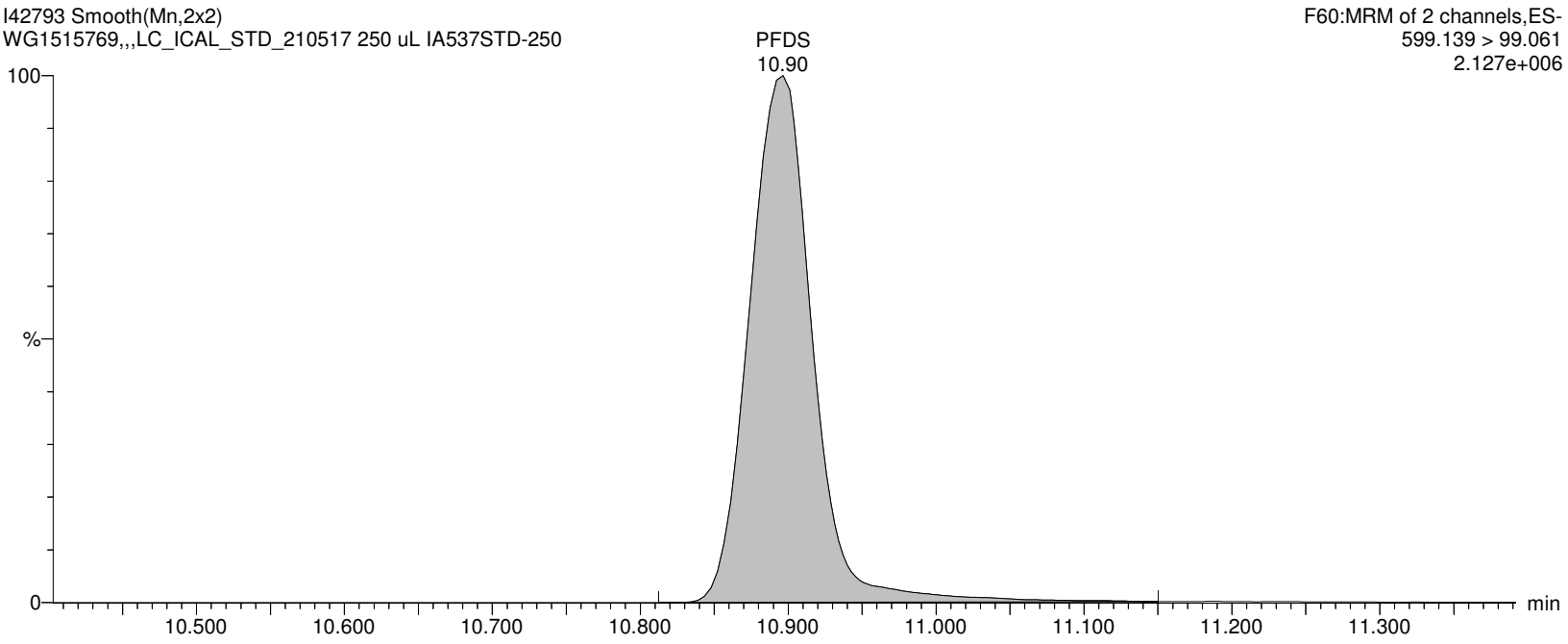
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDS



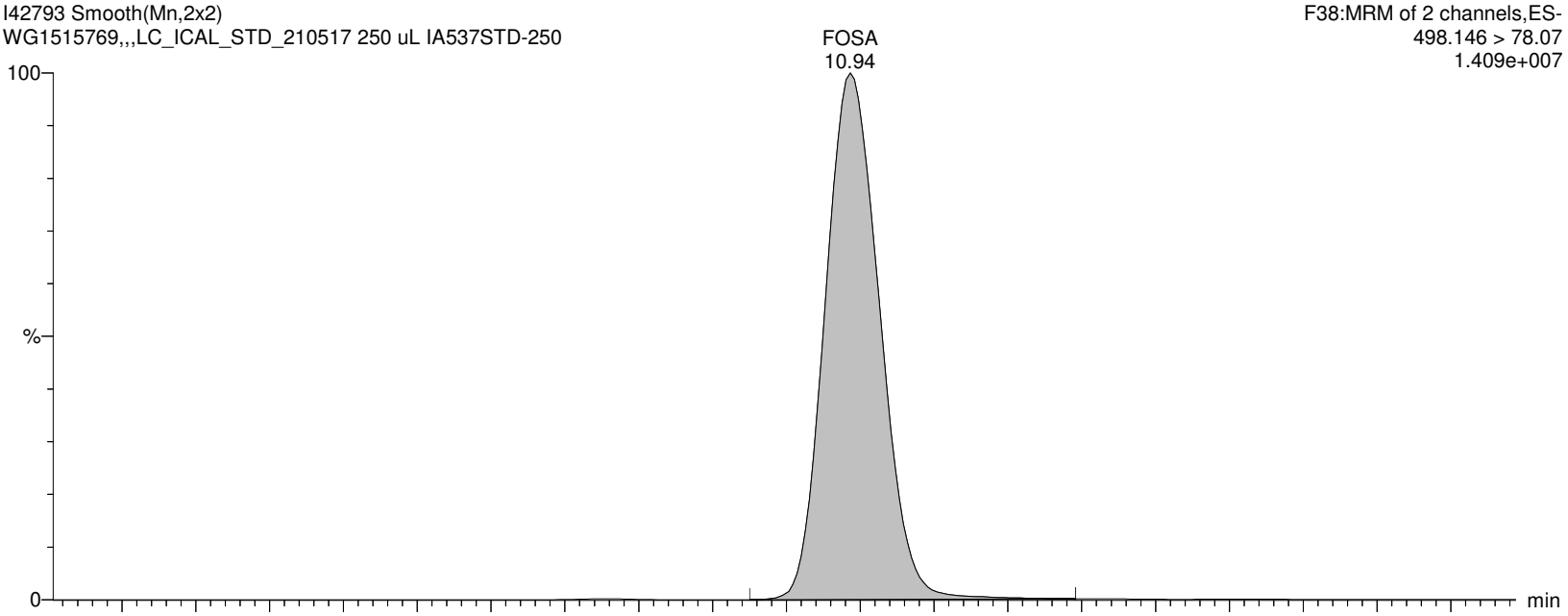


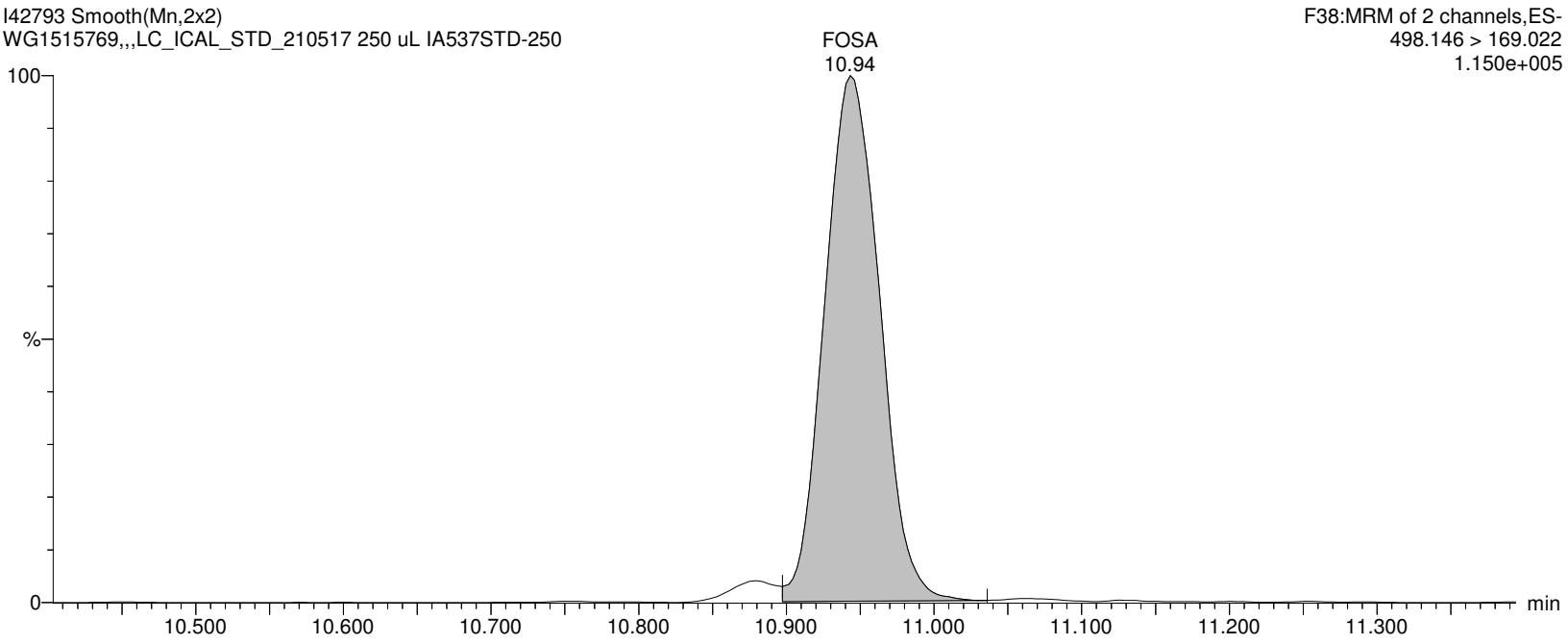
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

FOSA



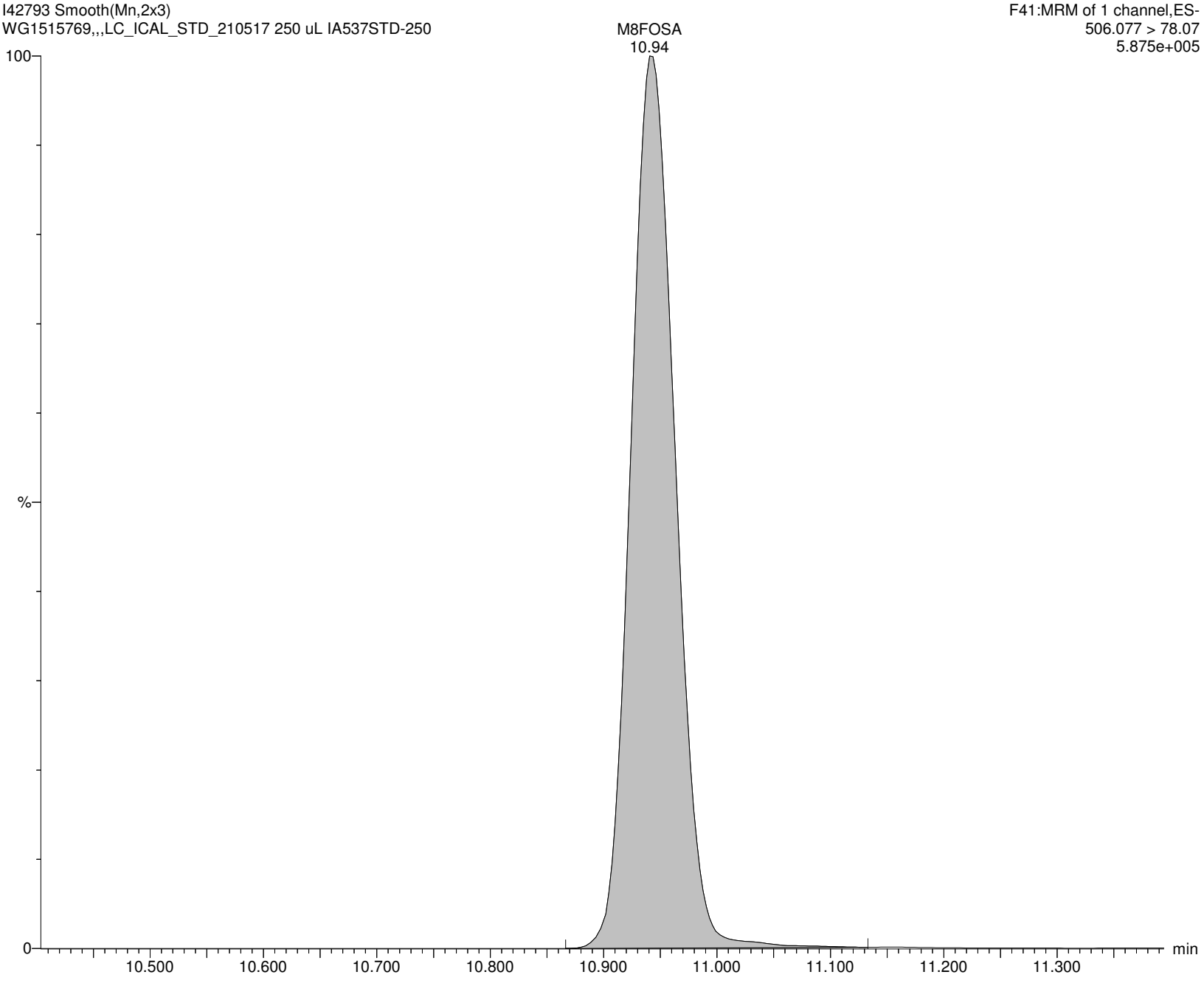


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8FOSA

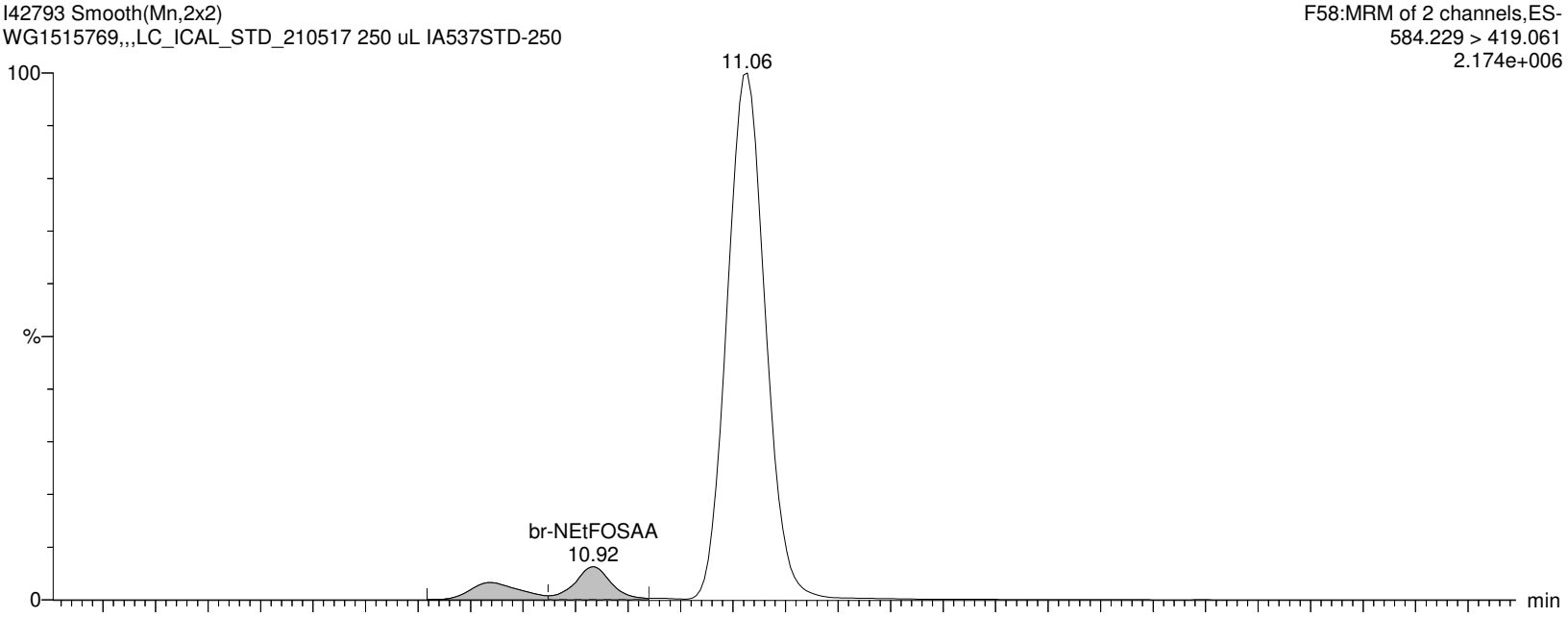


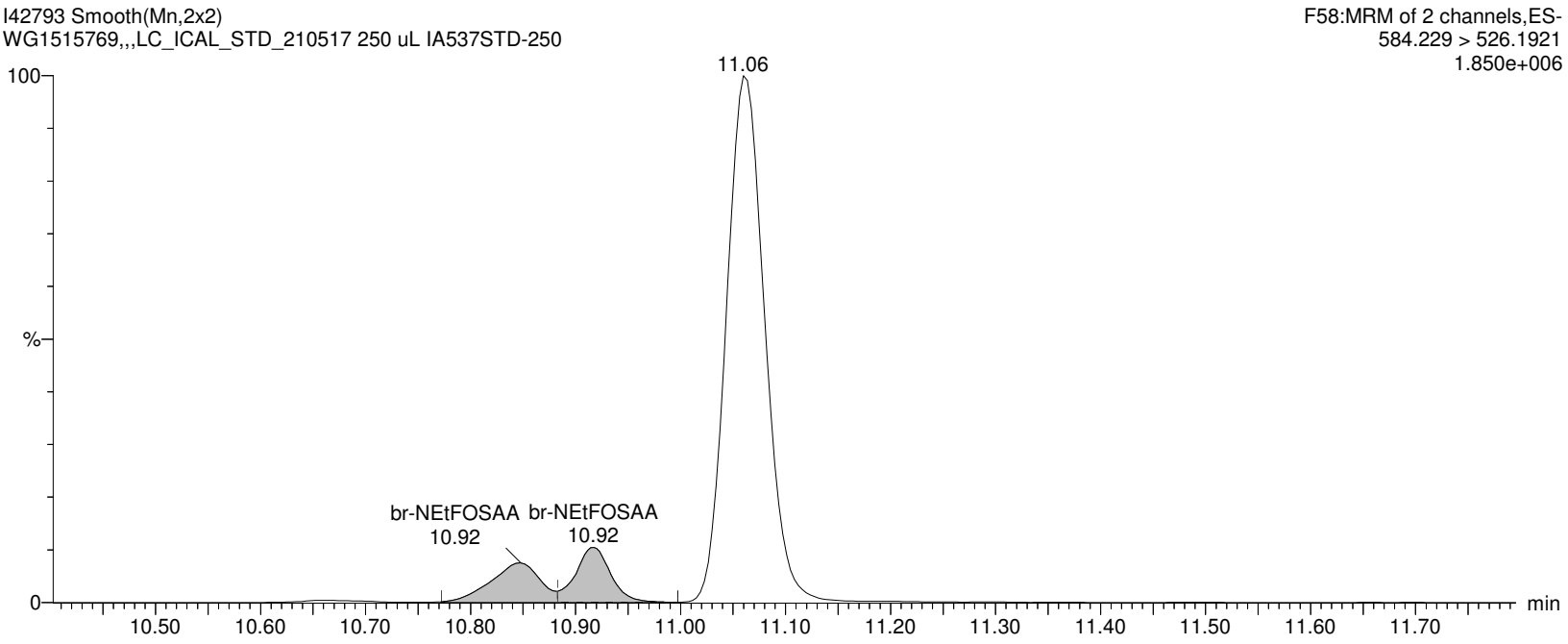
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NEtFOSAA



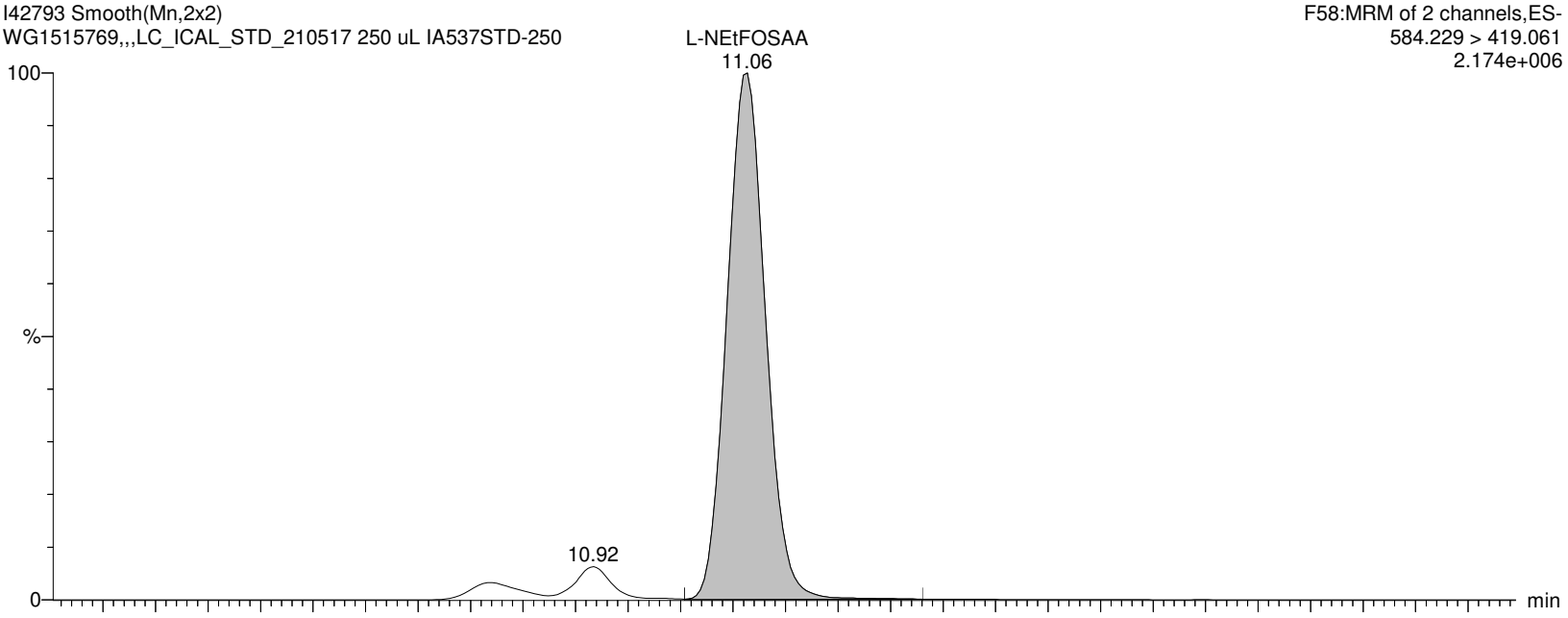


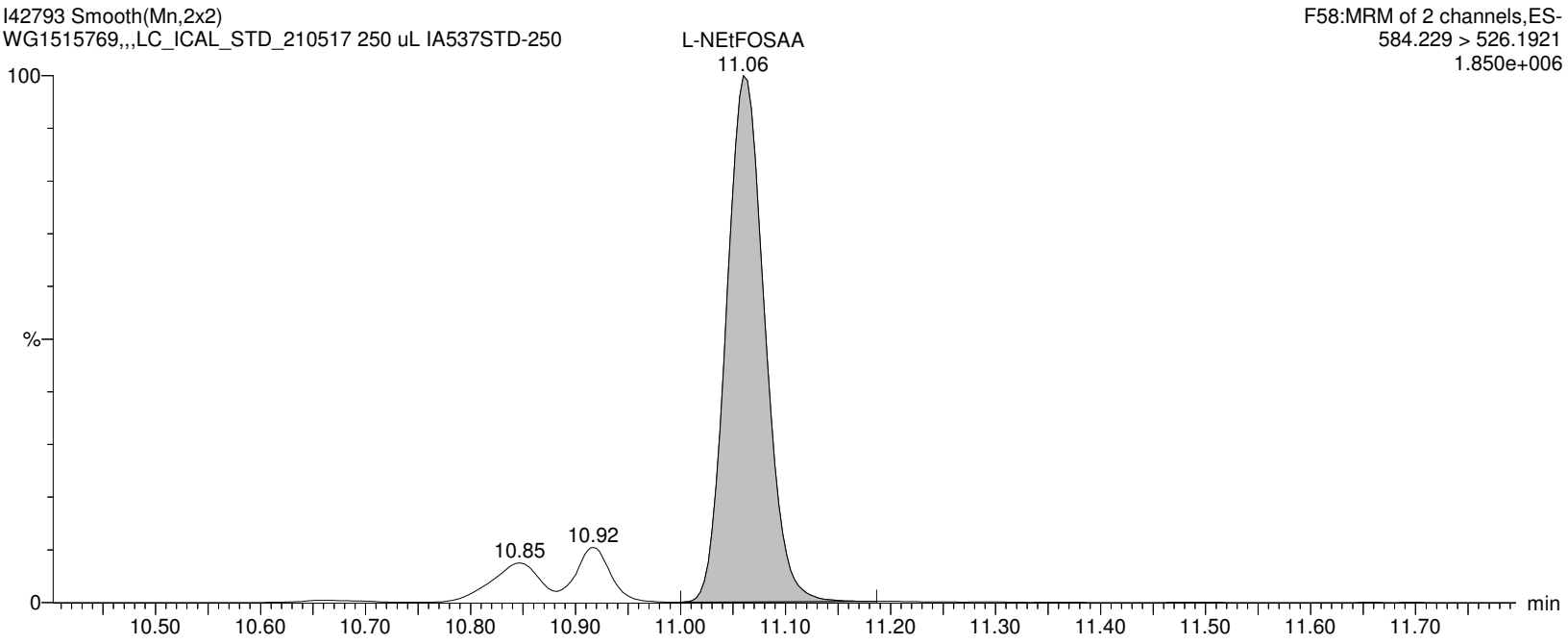
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NEtFOSAA



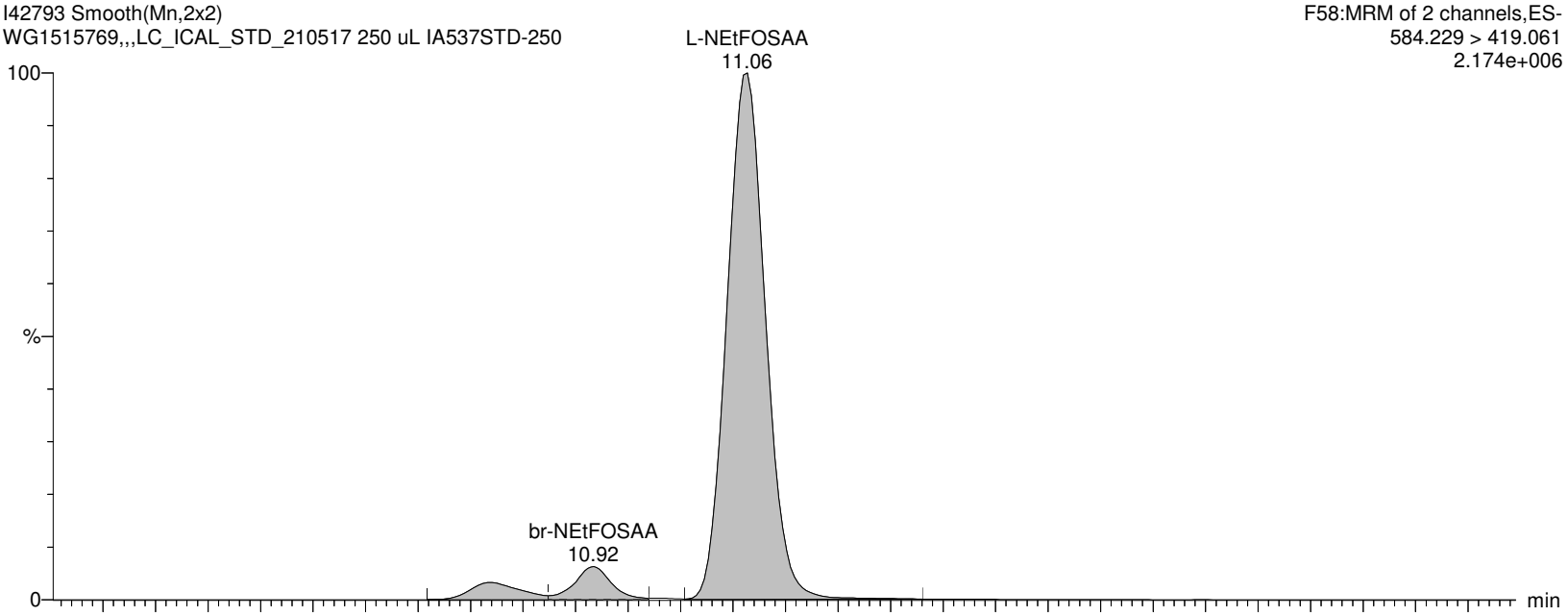


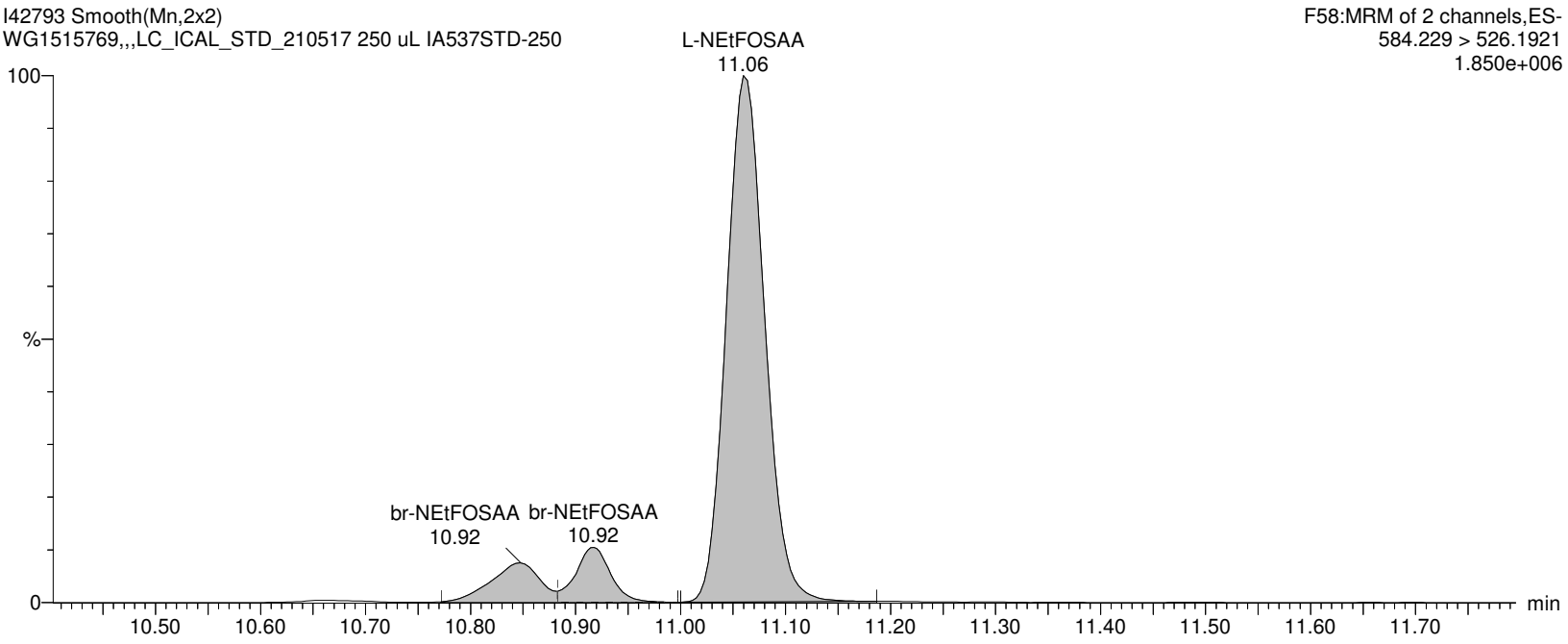
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSAA



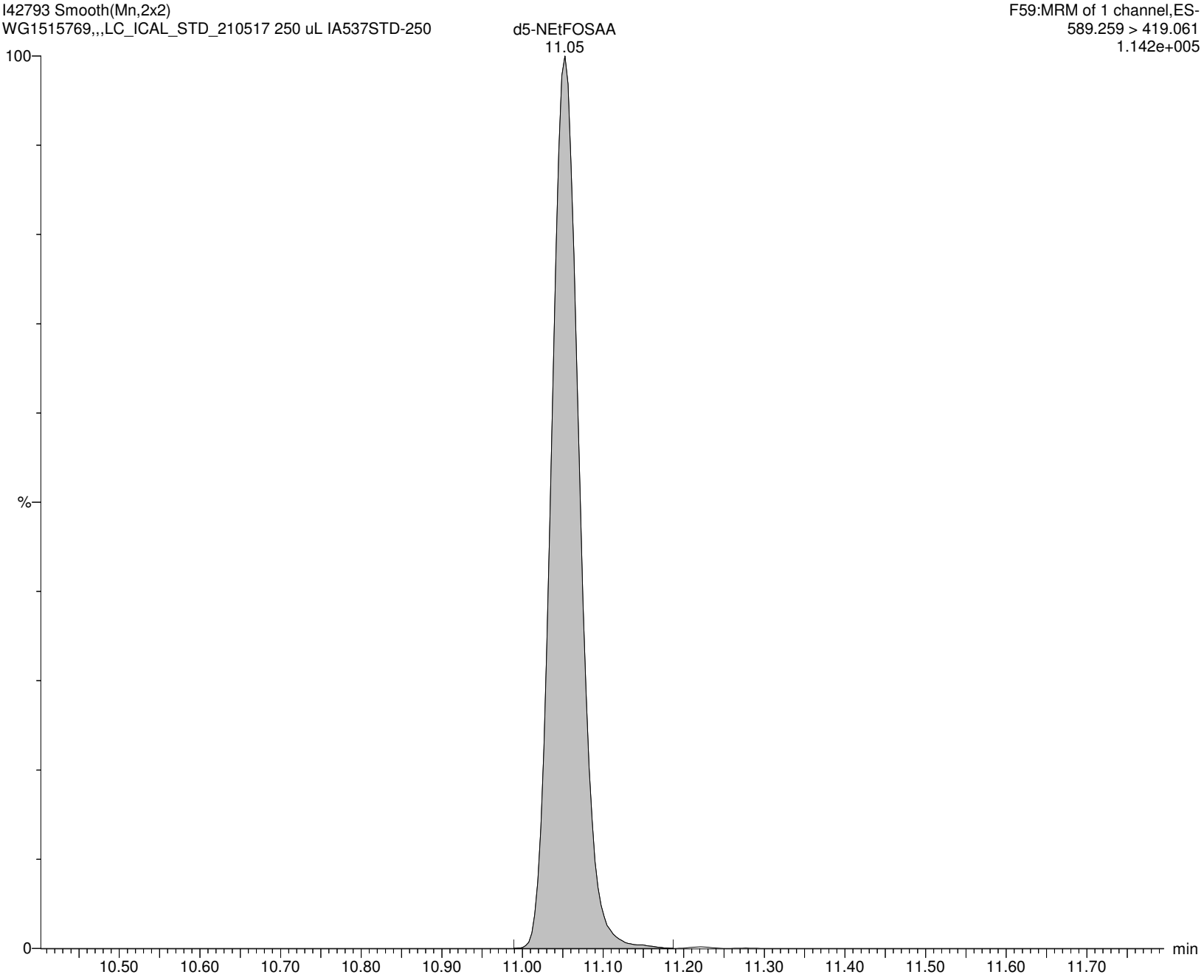


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSAA

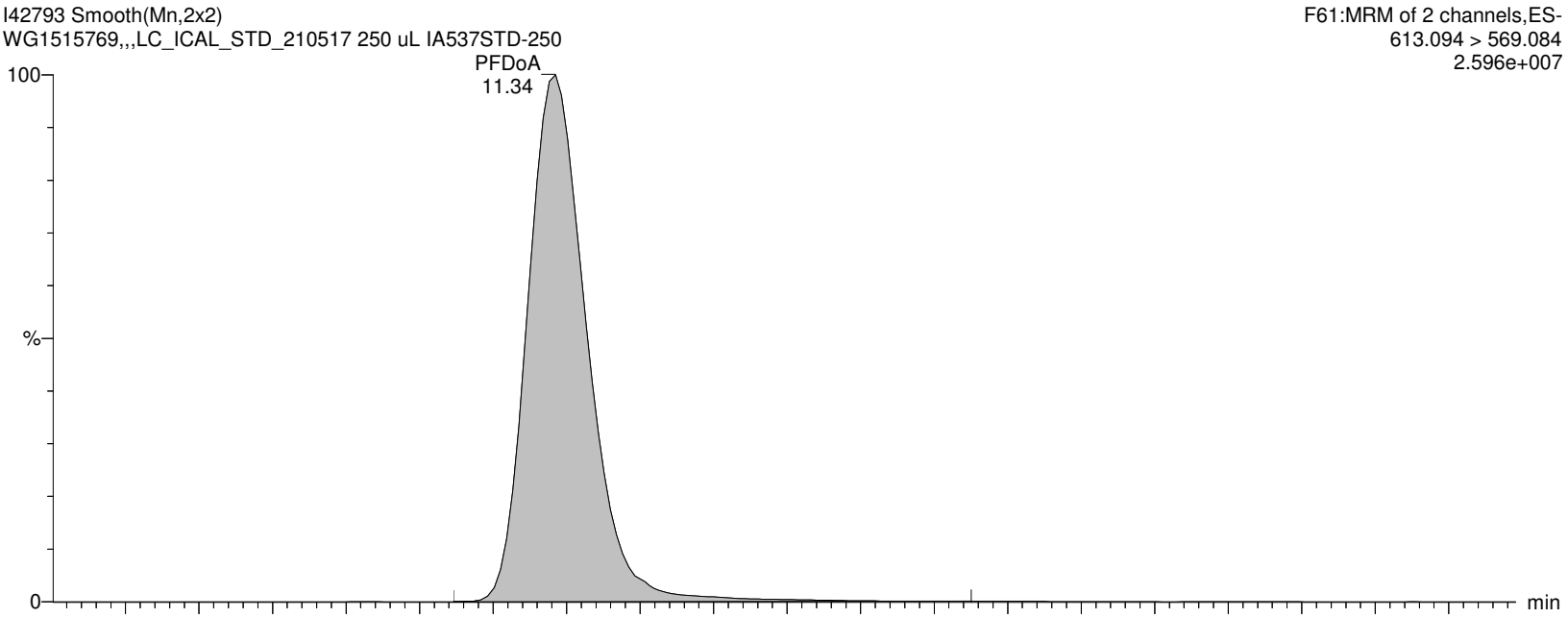


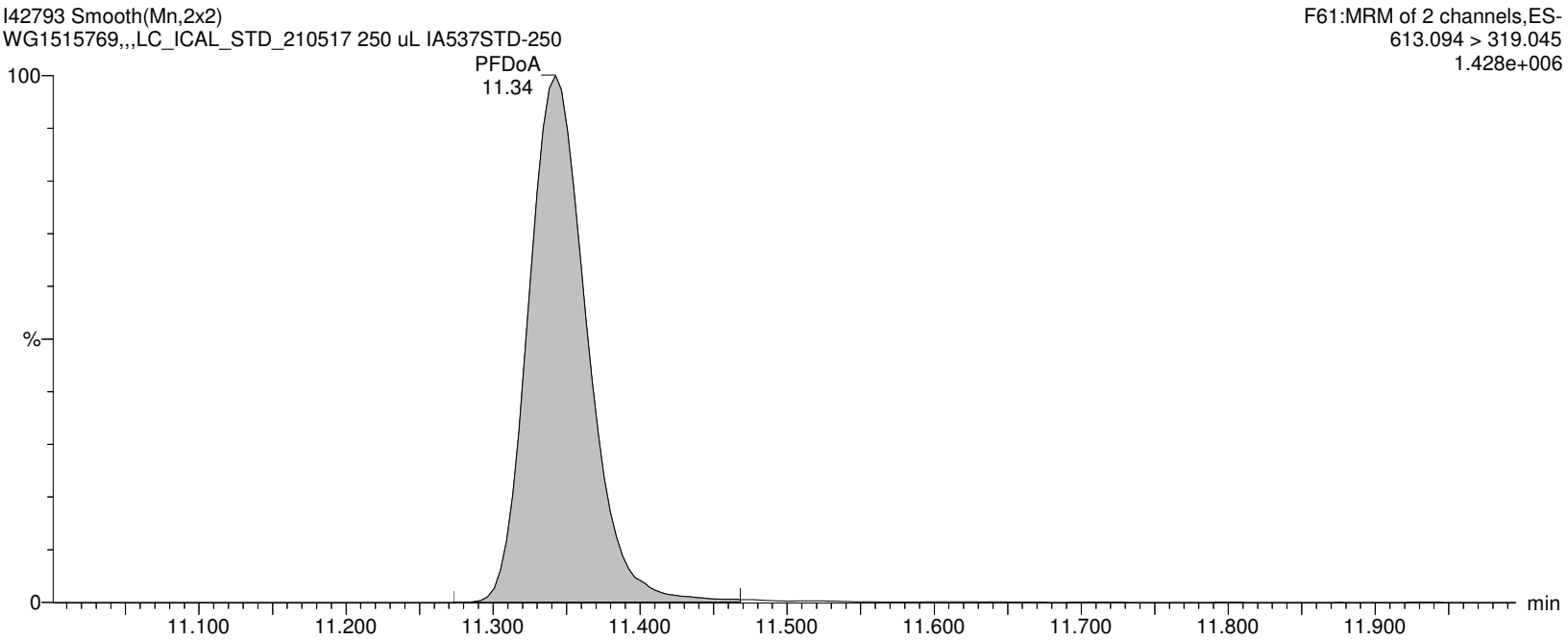
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoA



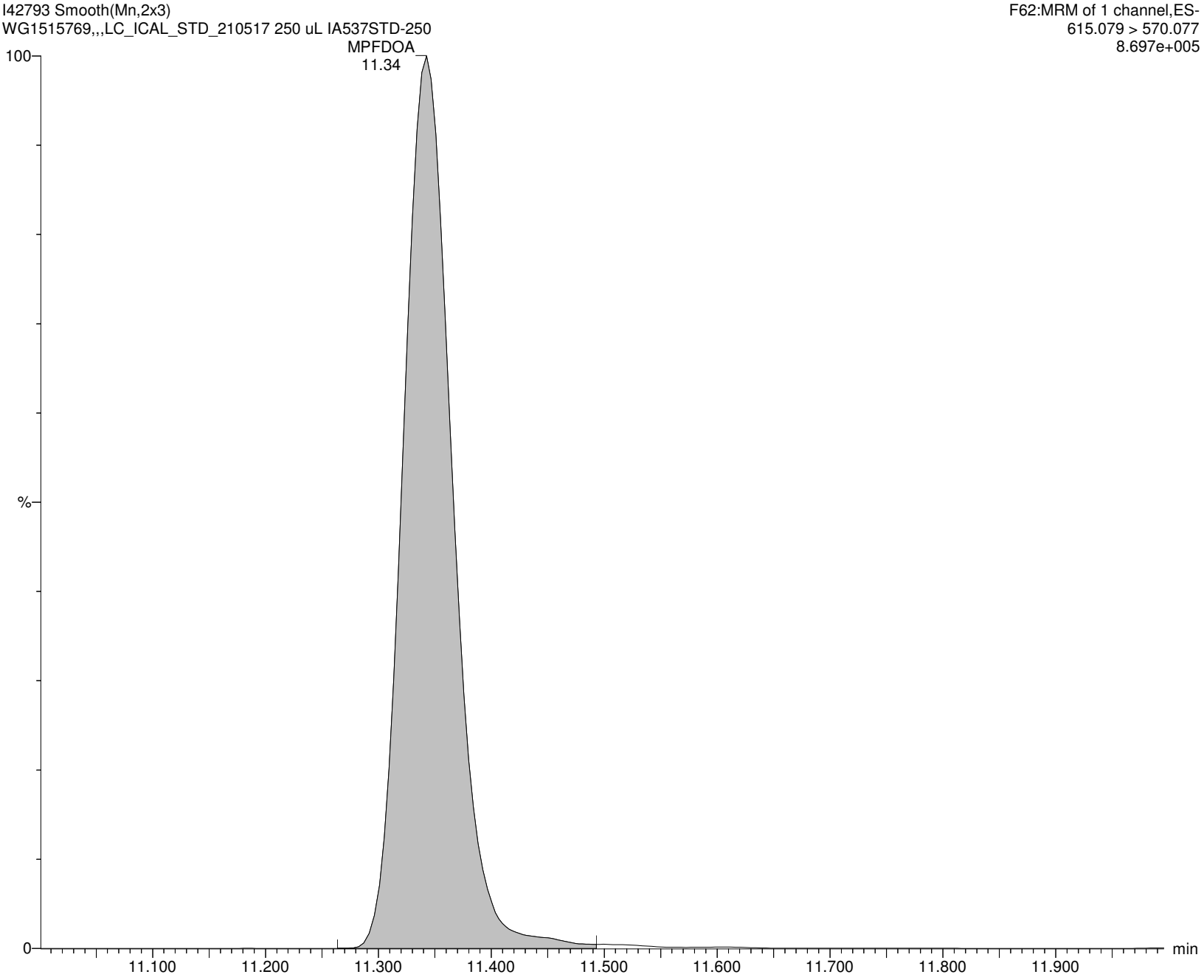


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFDOA

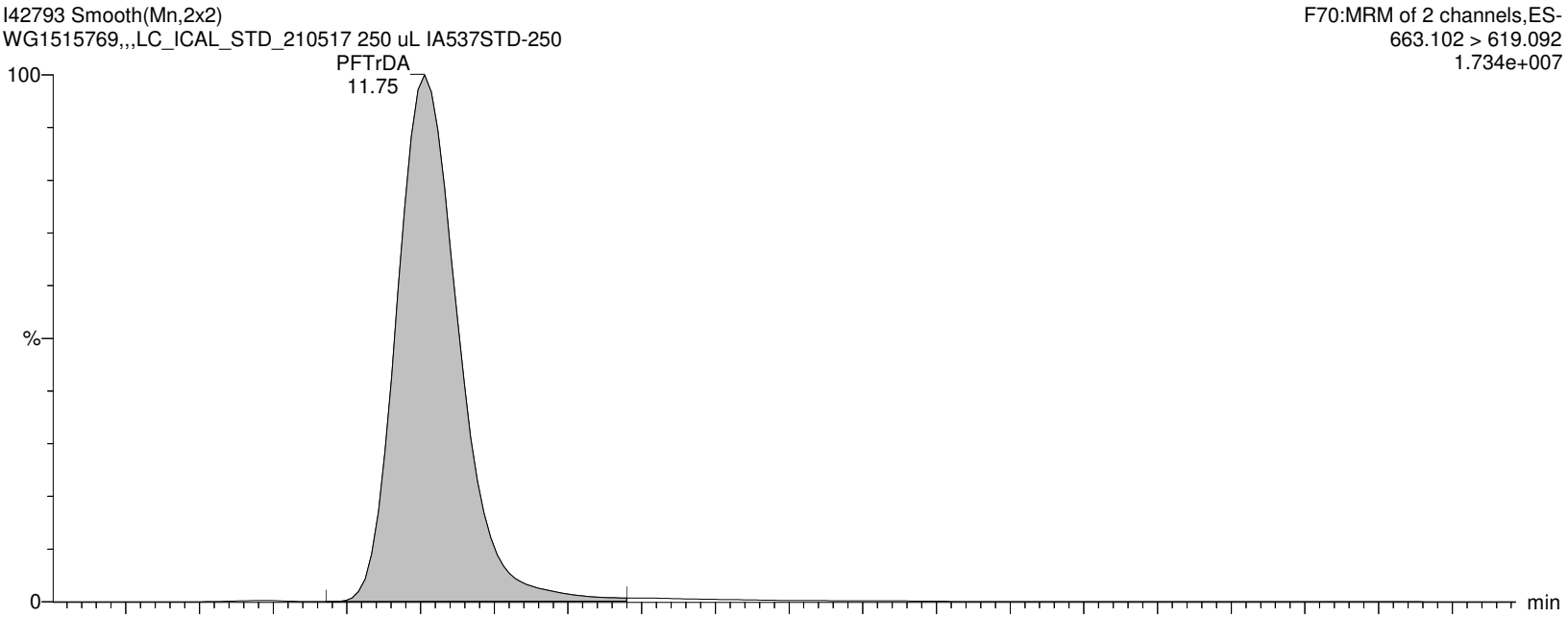


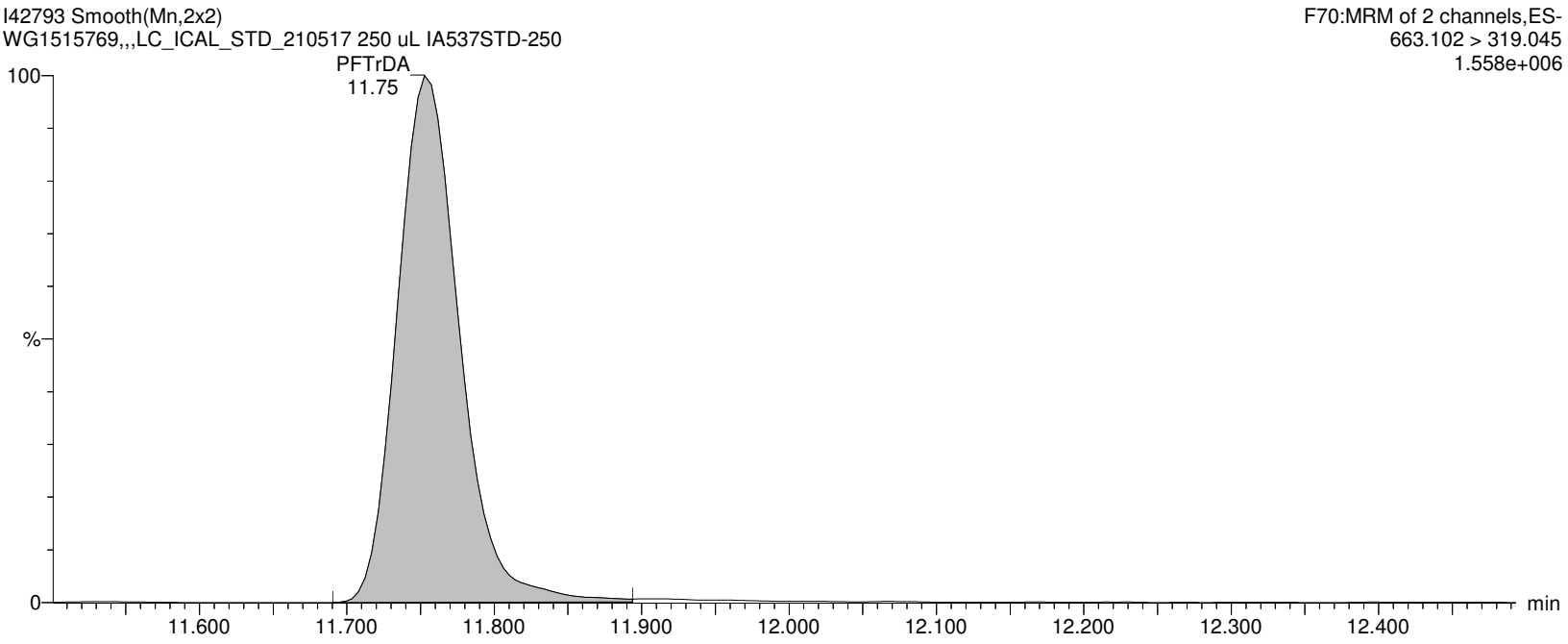
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTrDA



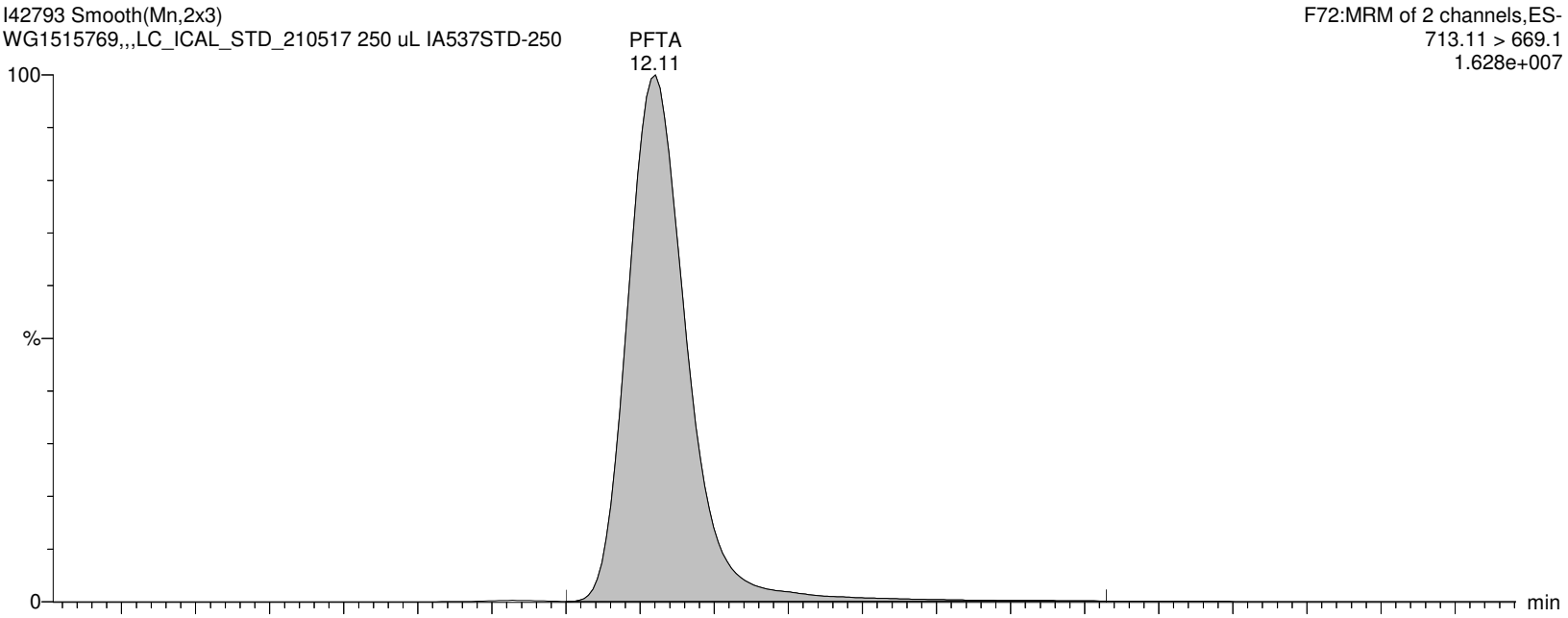


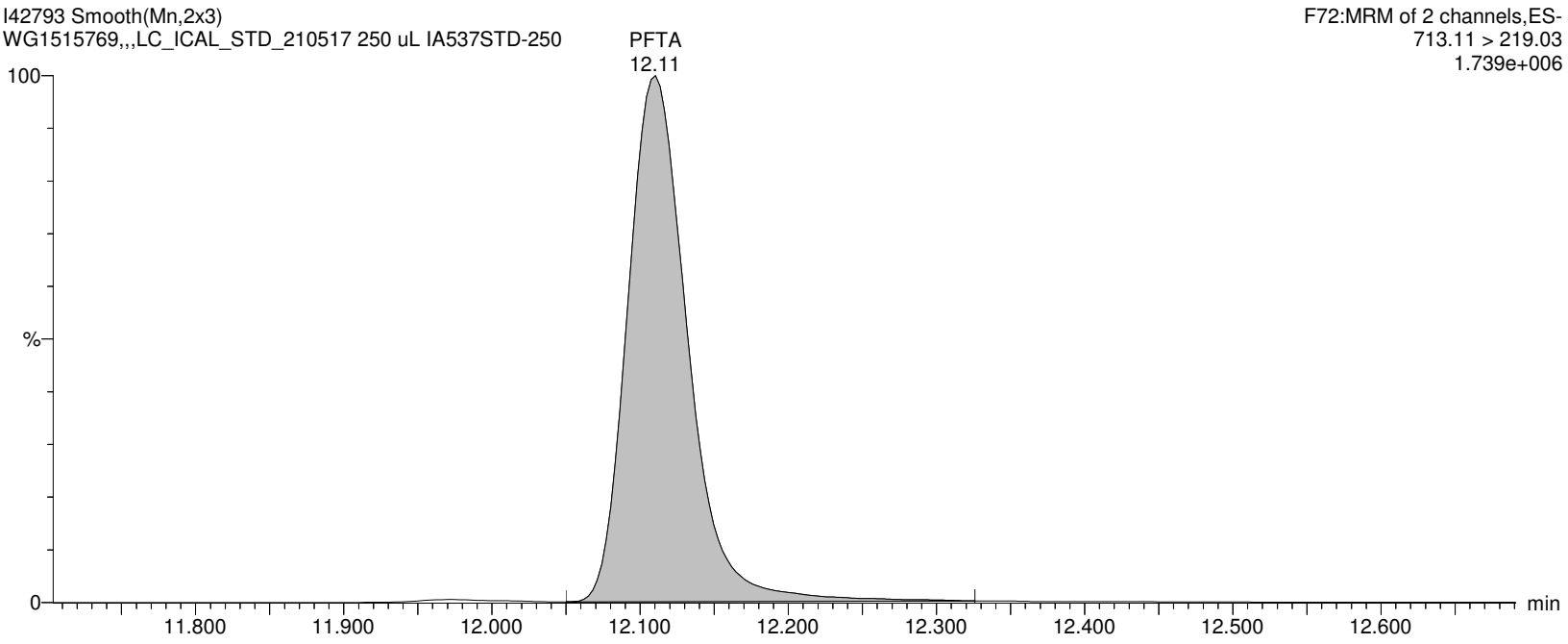
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTA



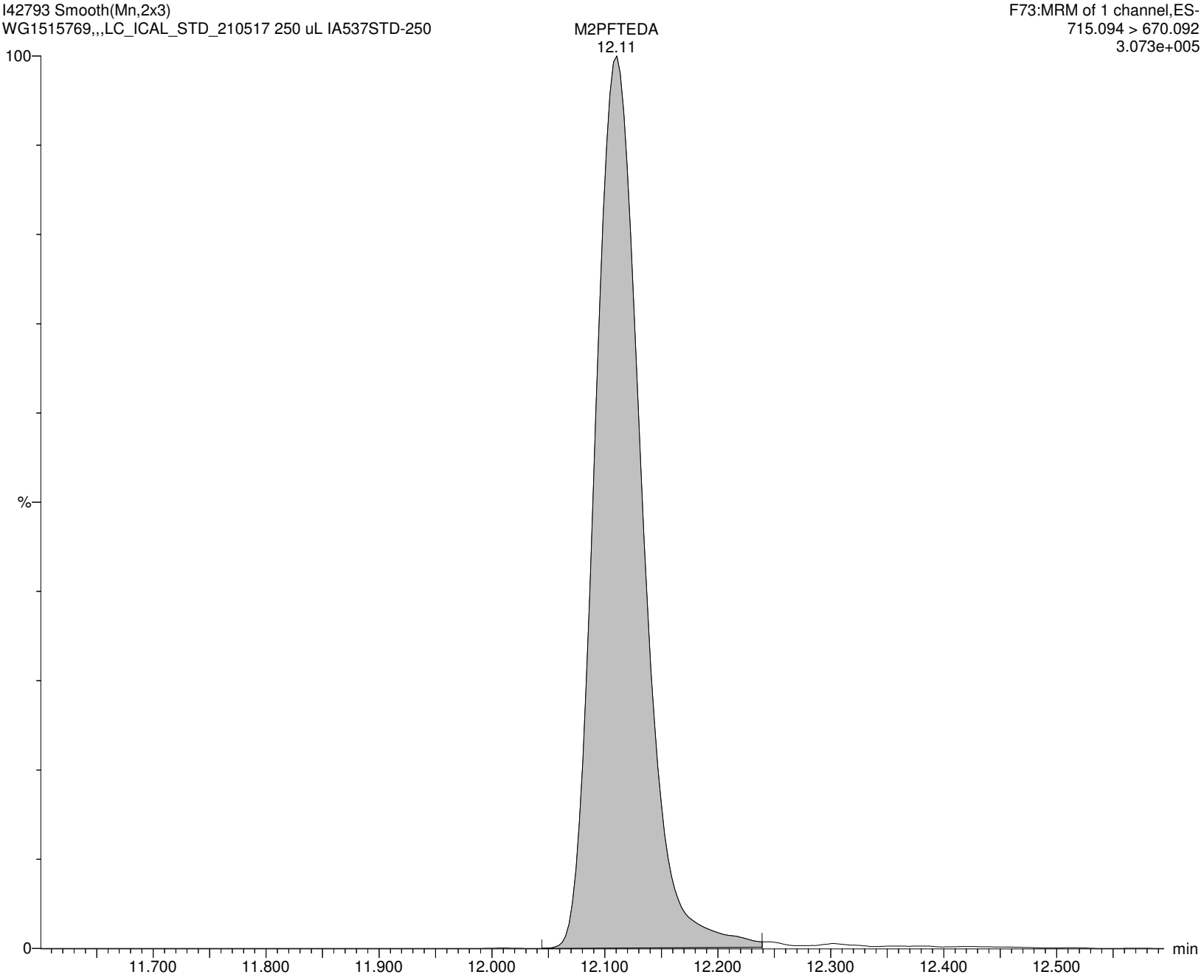


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFTEDA

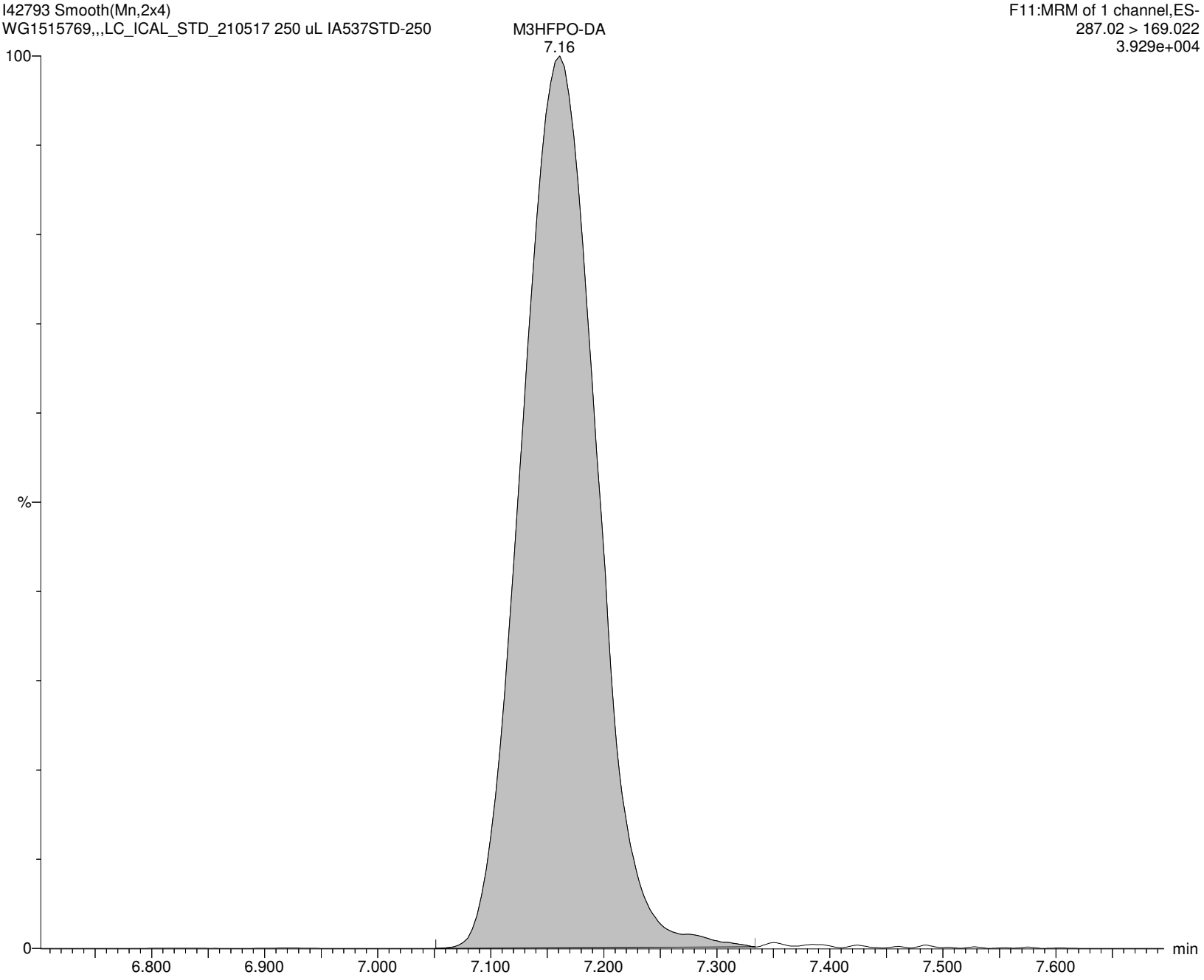


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3HFPO-DA

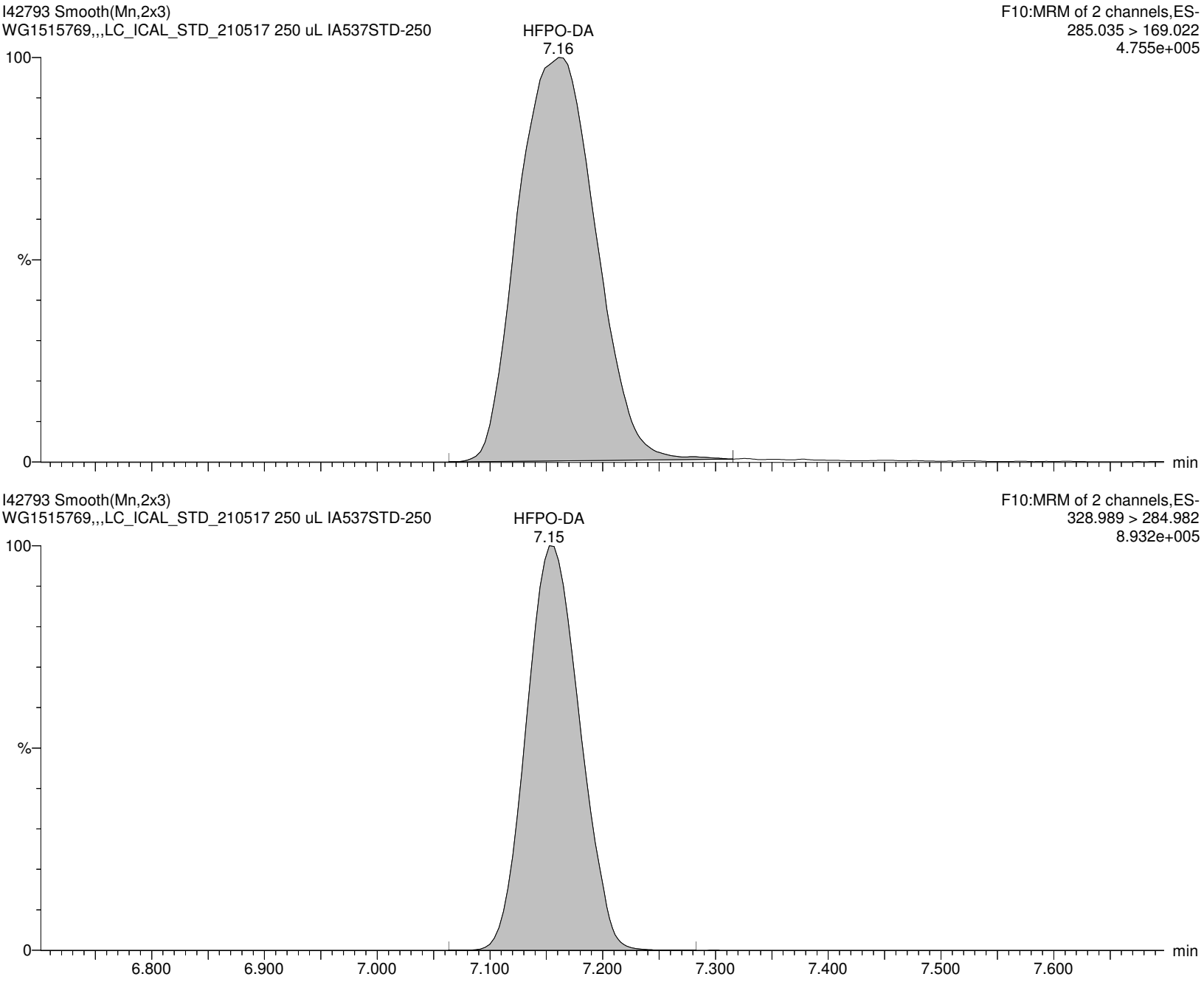


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

HFPO-DA

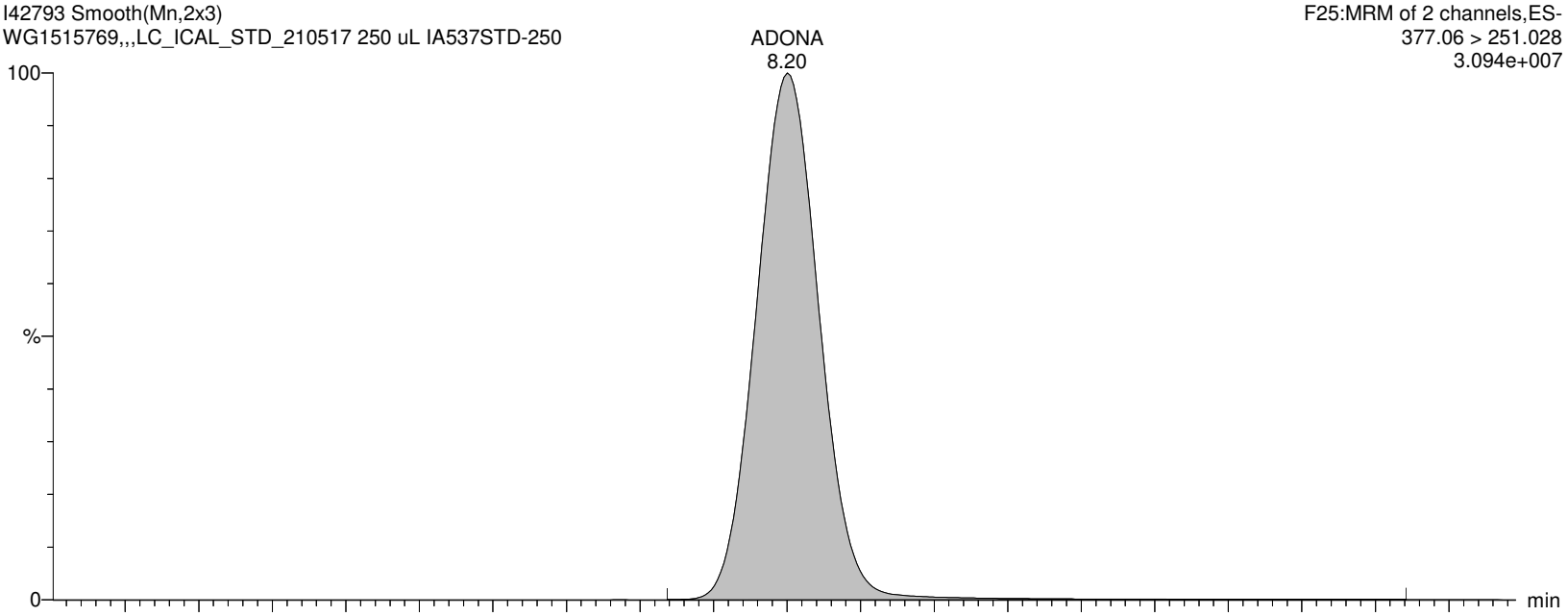


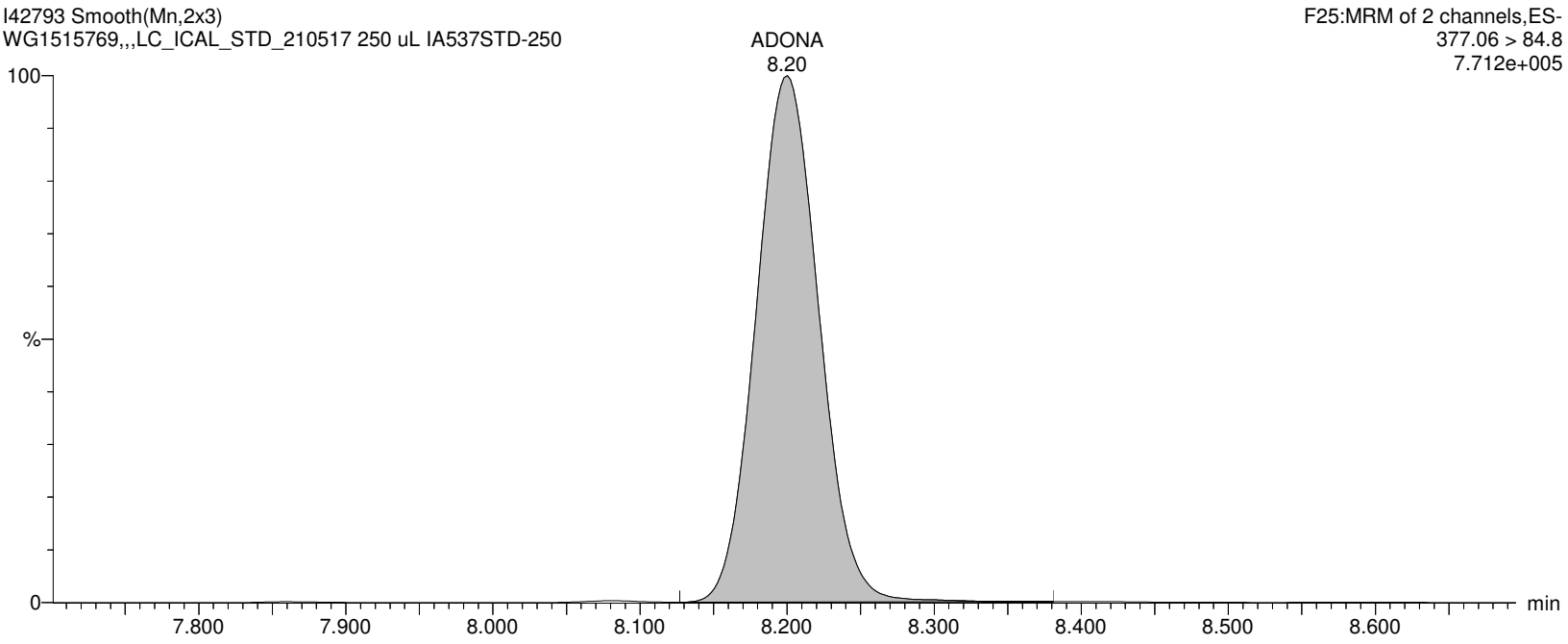
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

ADONA



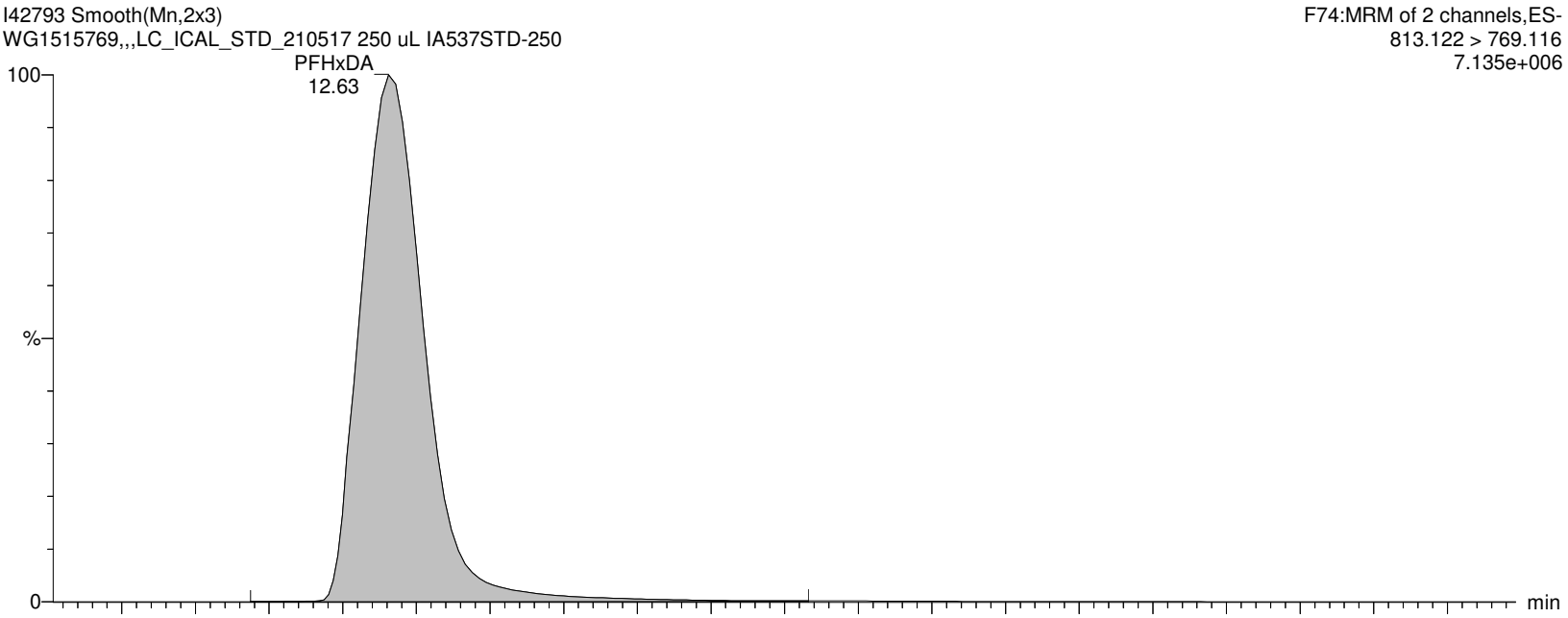


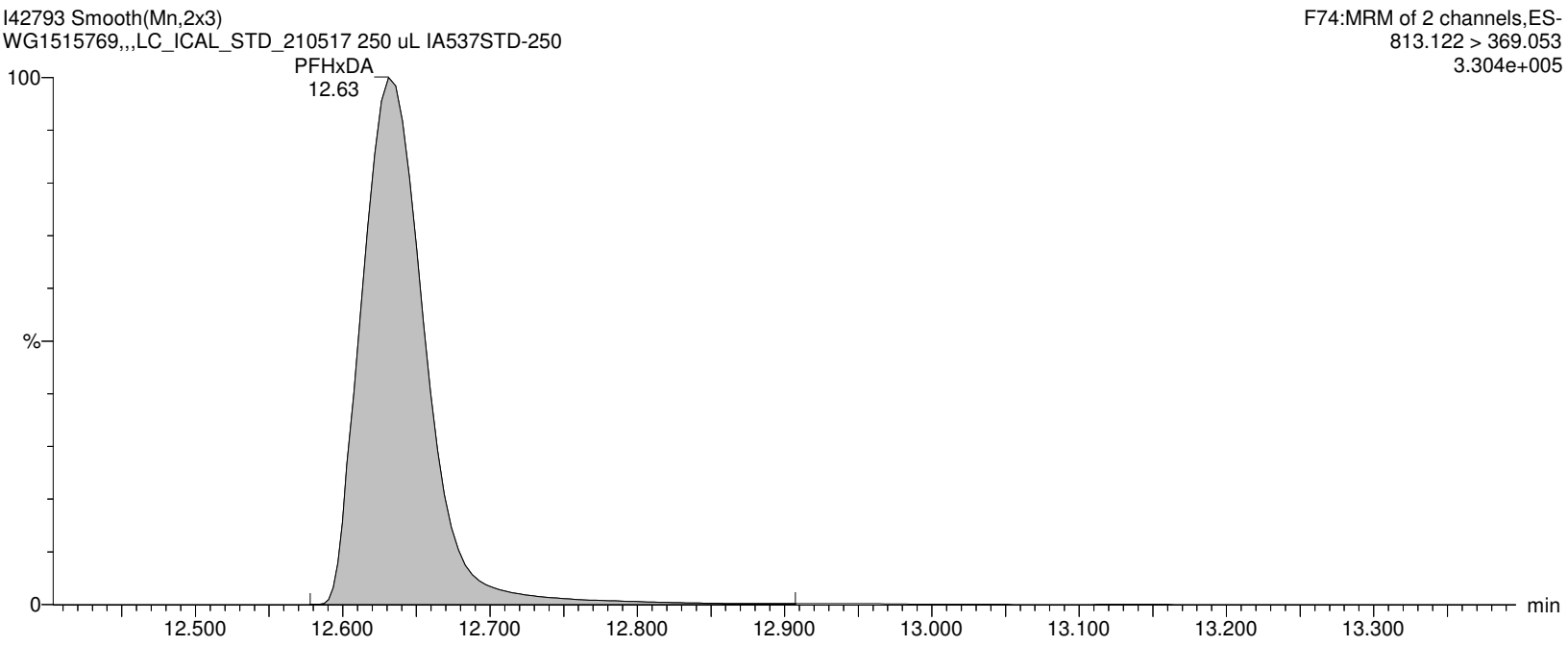
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxDA



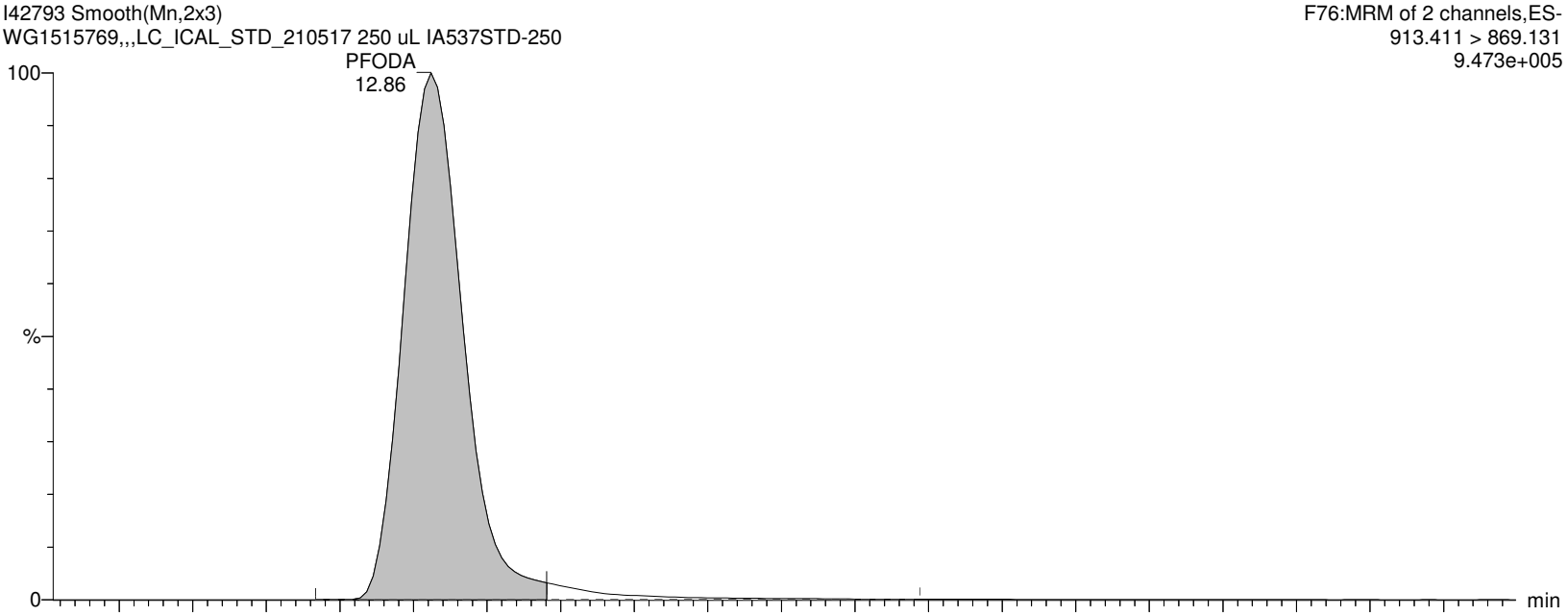


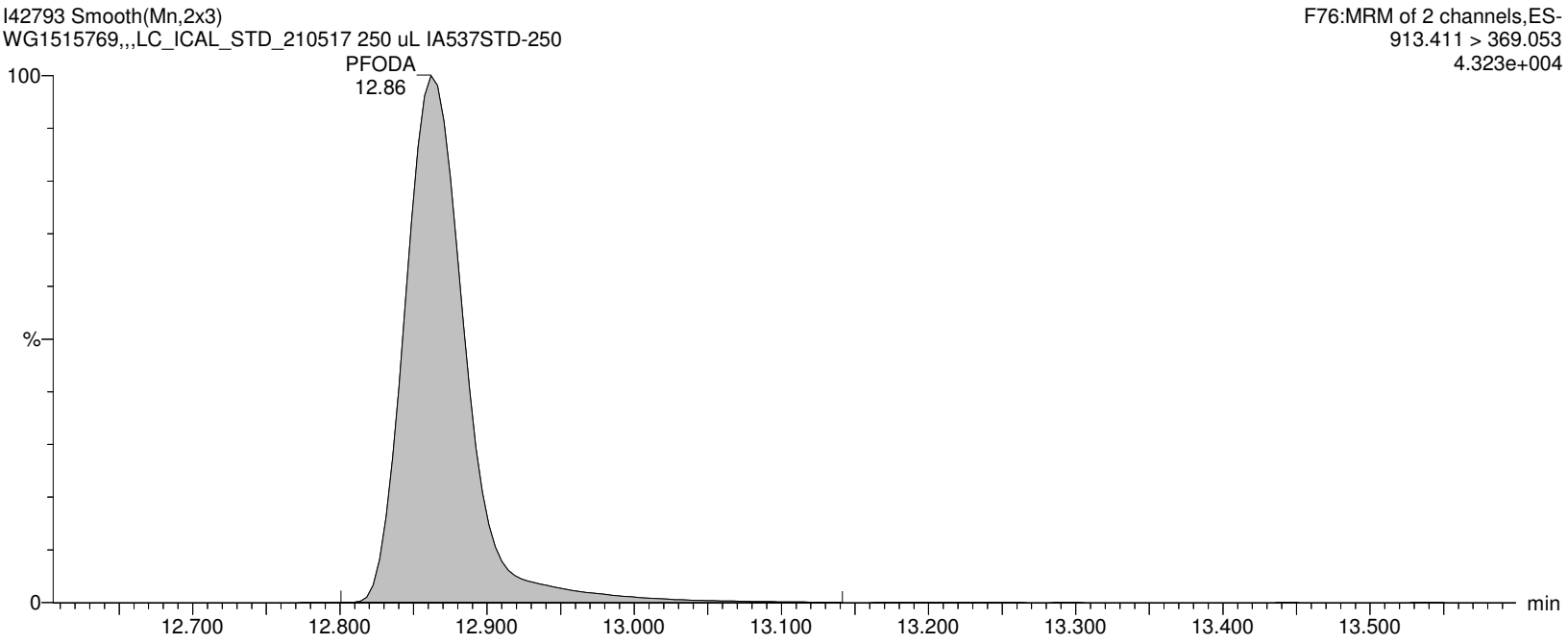
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFODA



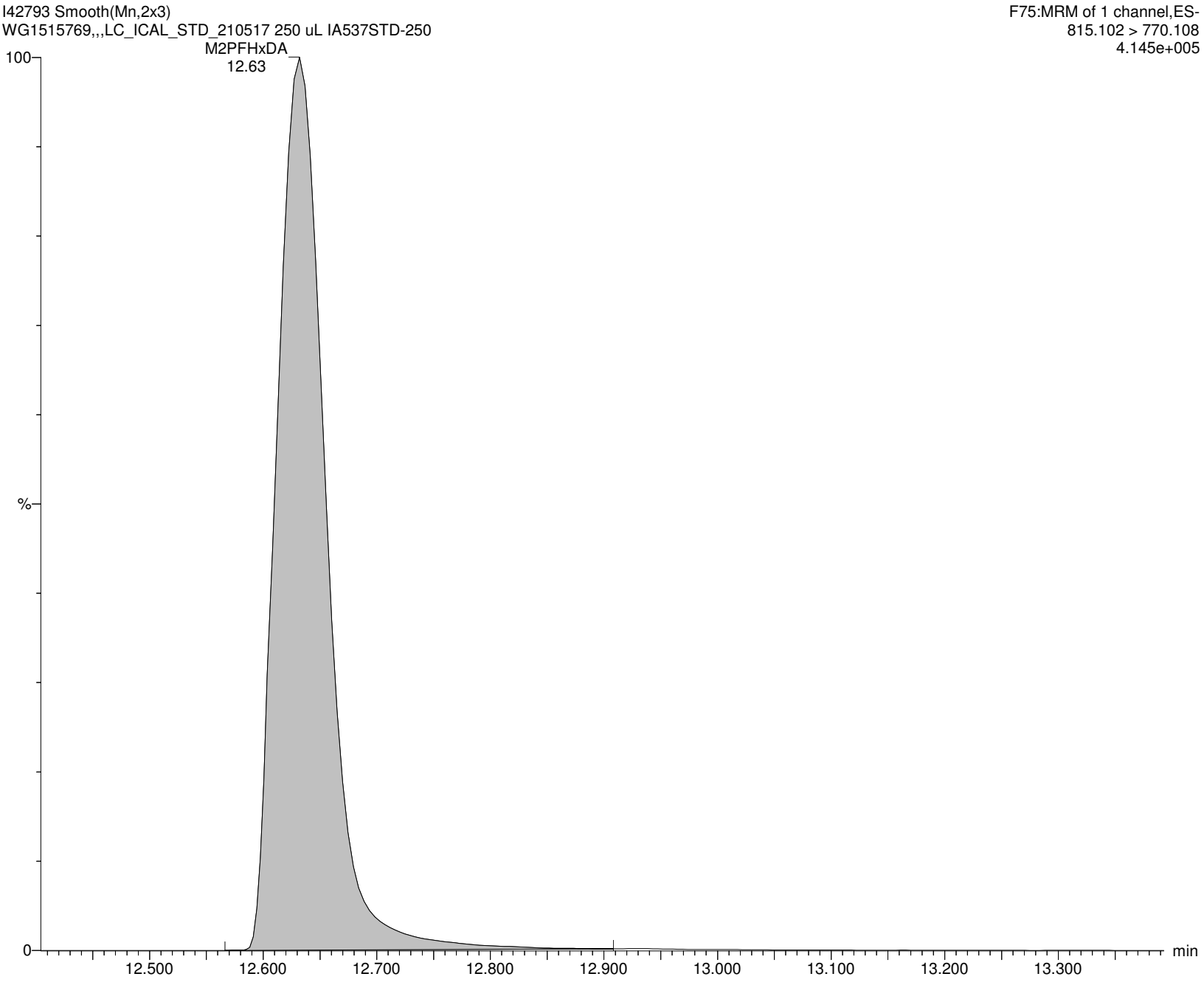


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFHxDA

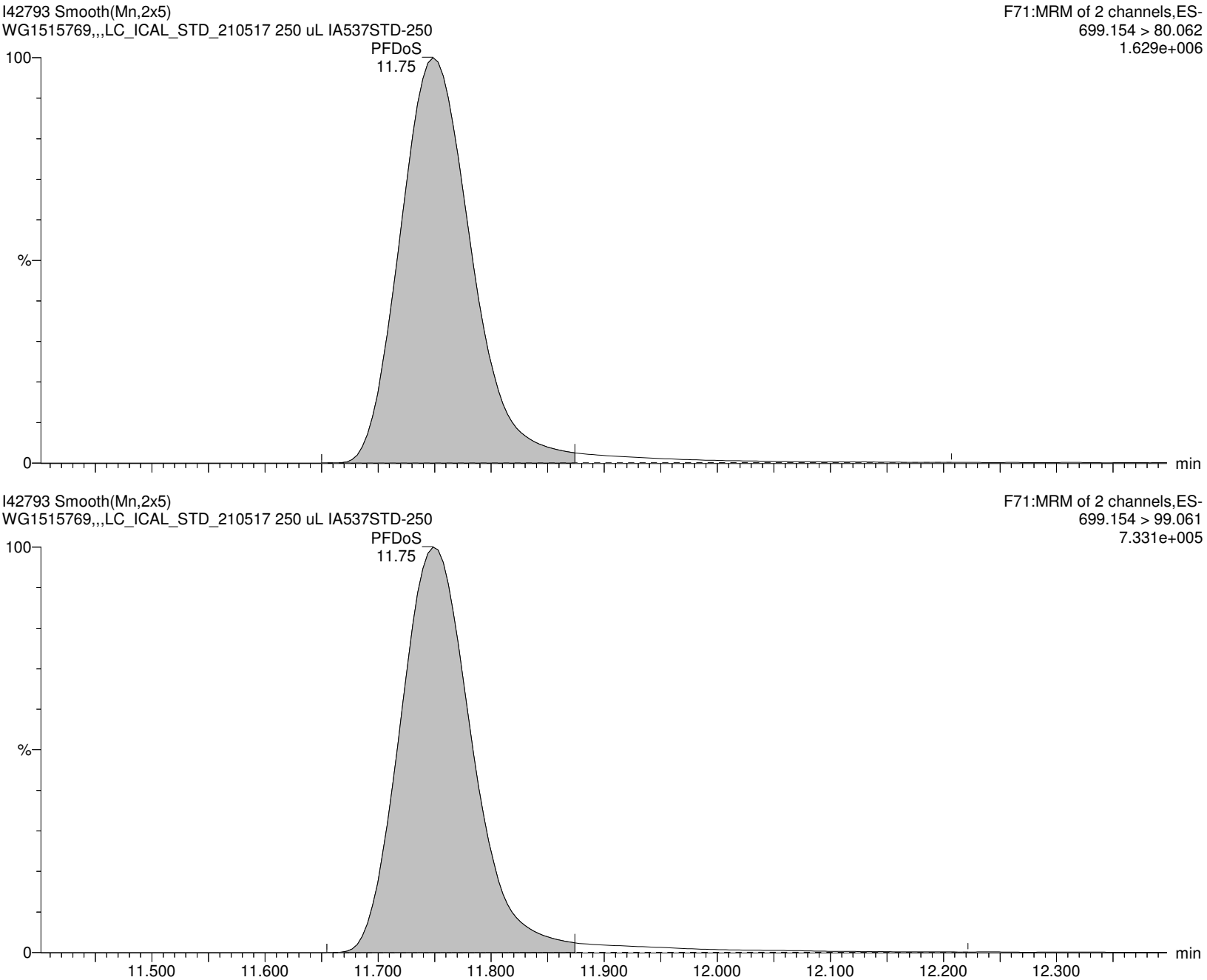


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoS

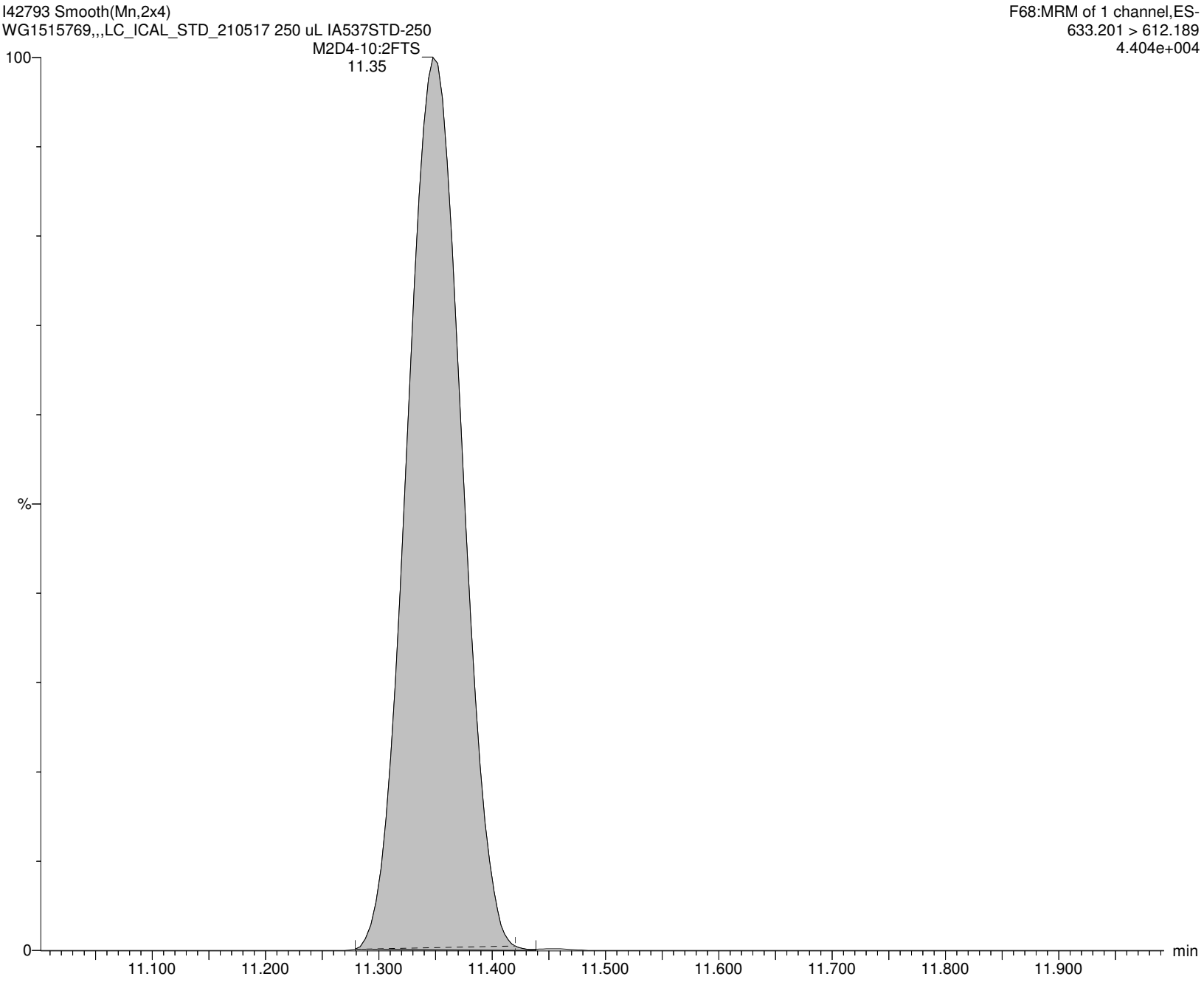


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2D4-10:2FTS

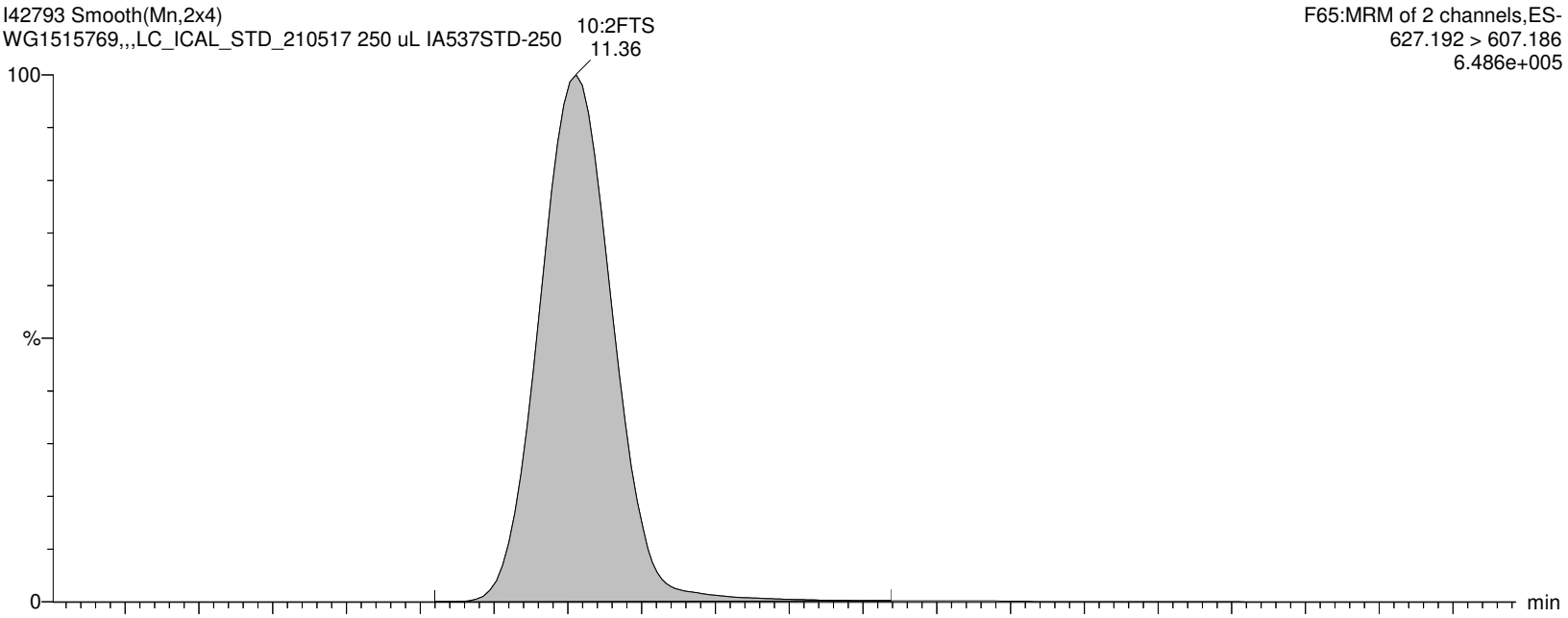


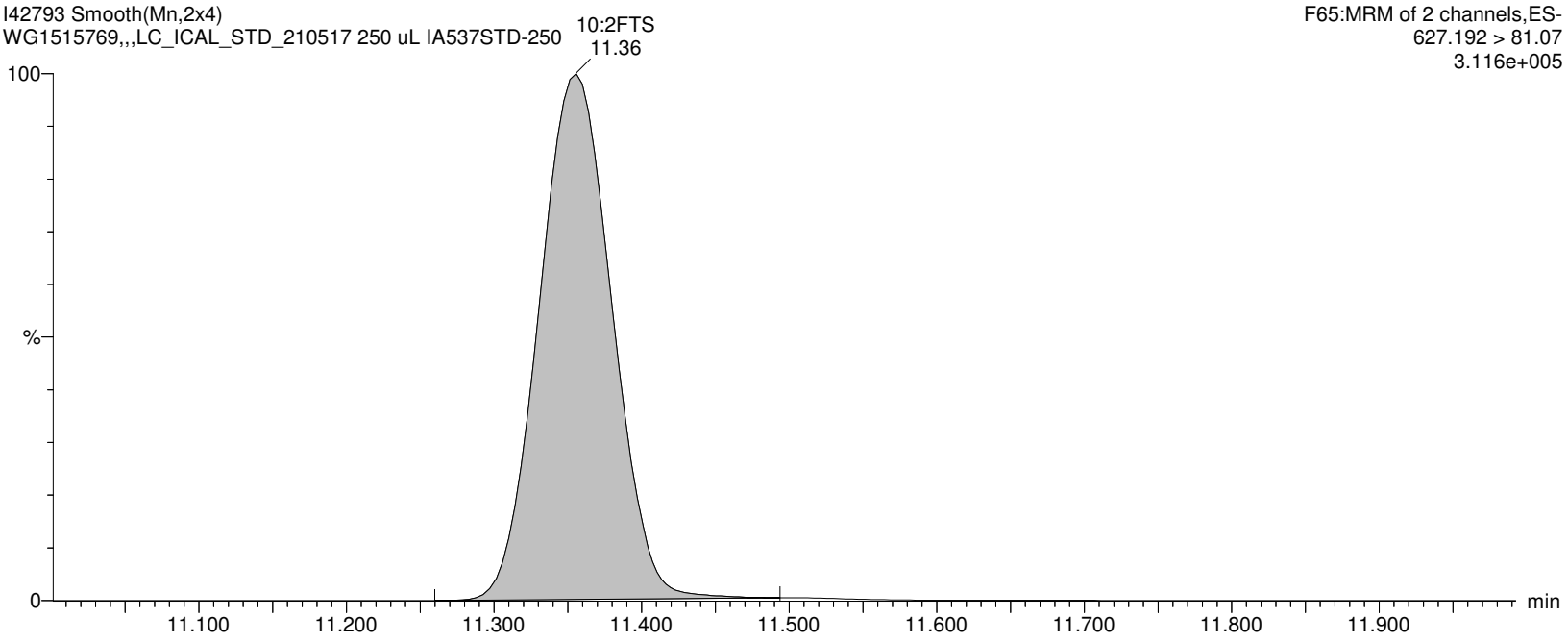
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

10:2FTS



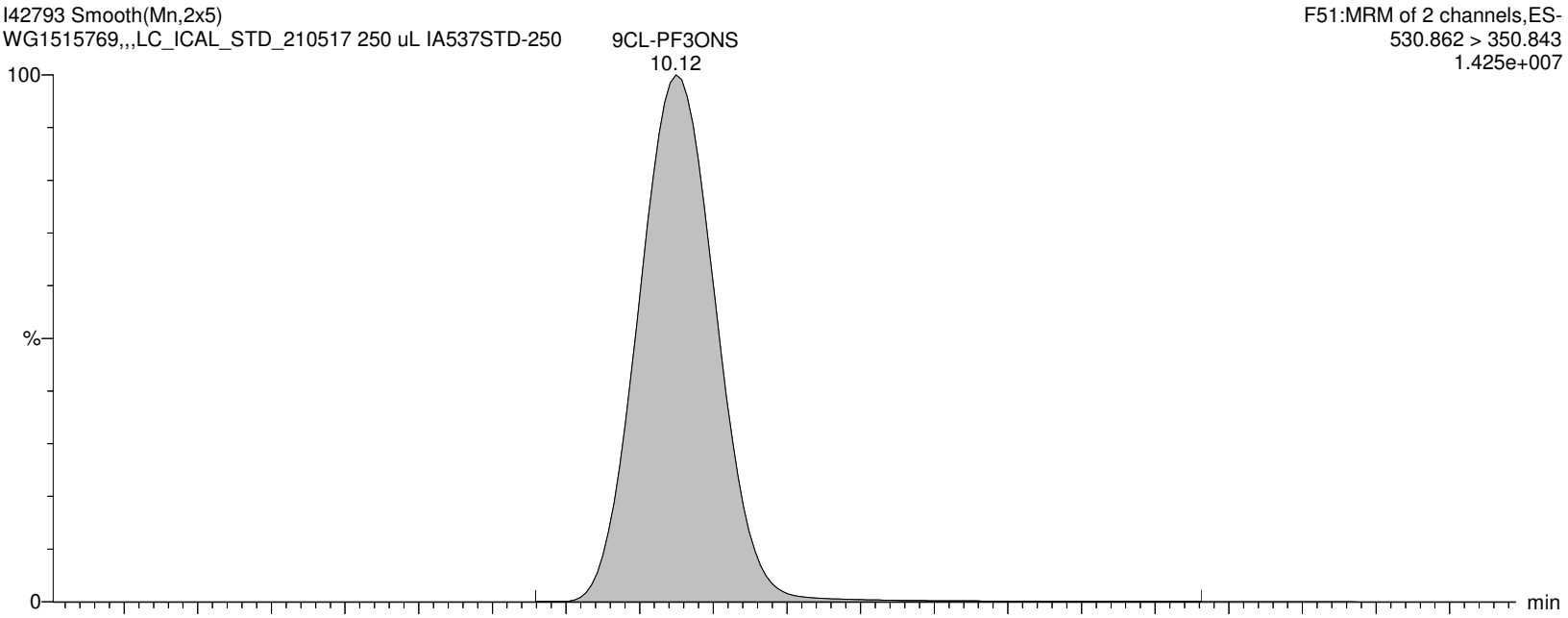


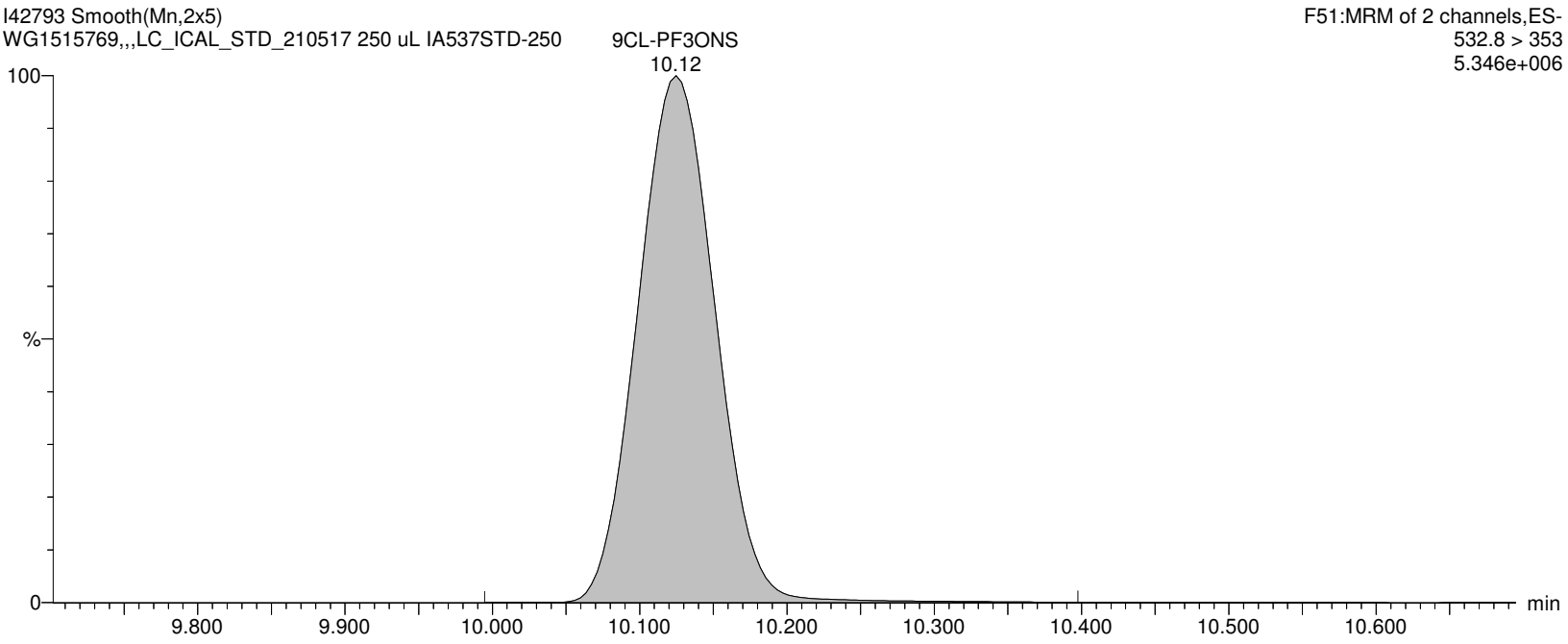
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

9CL-PF3ONS



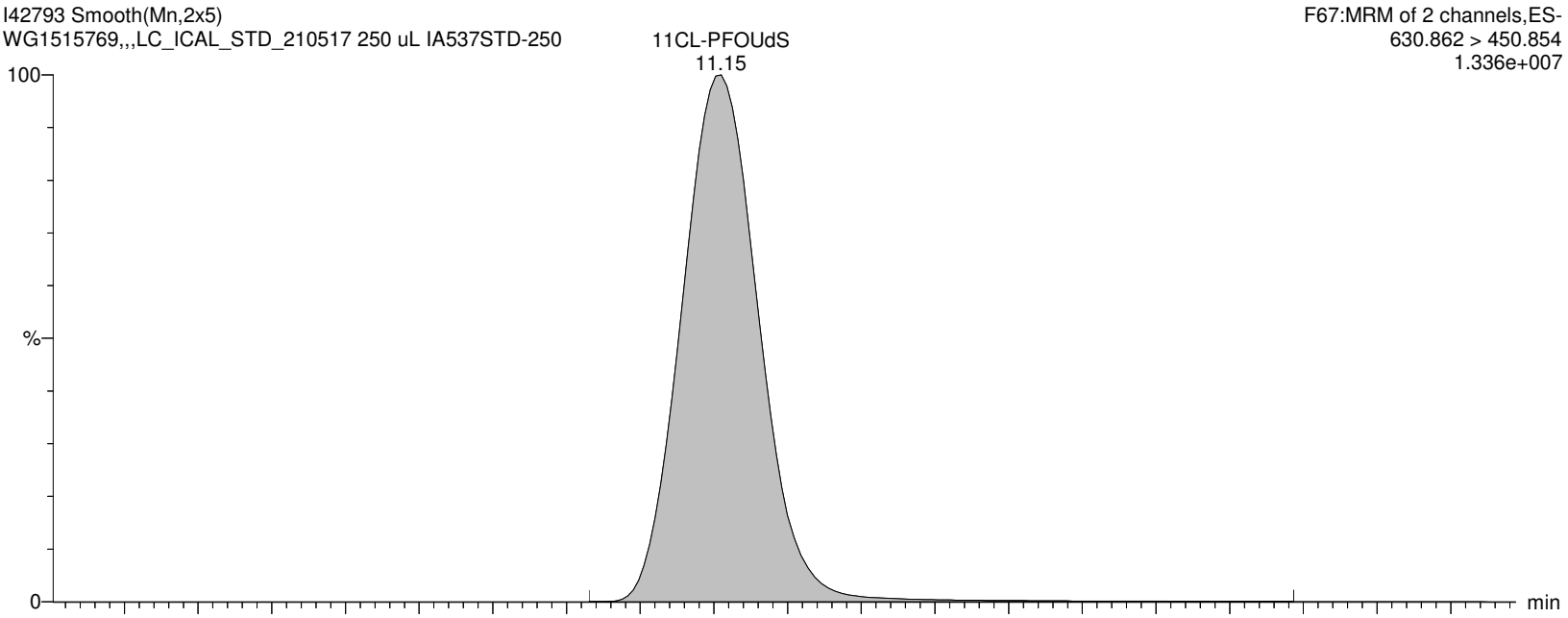


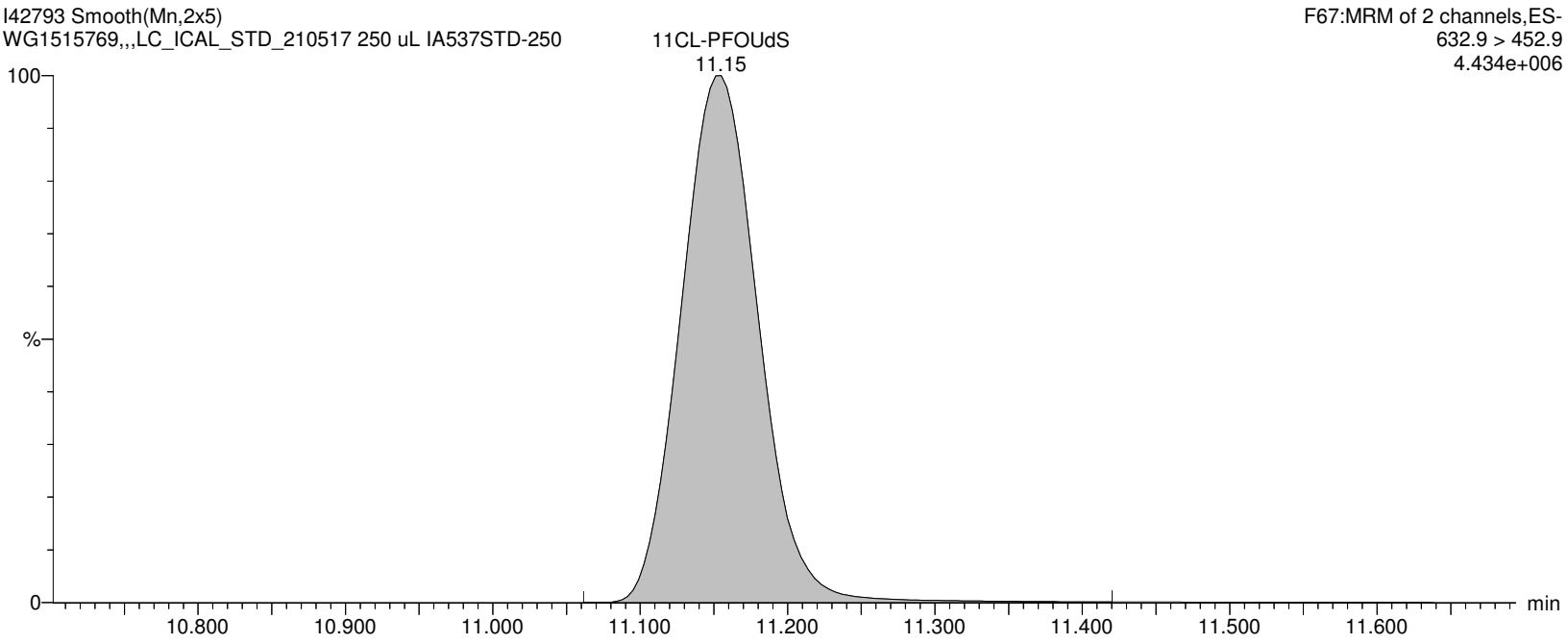
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

11CL-PFOUdS



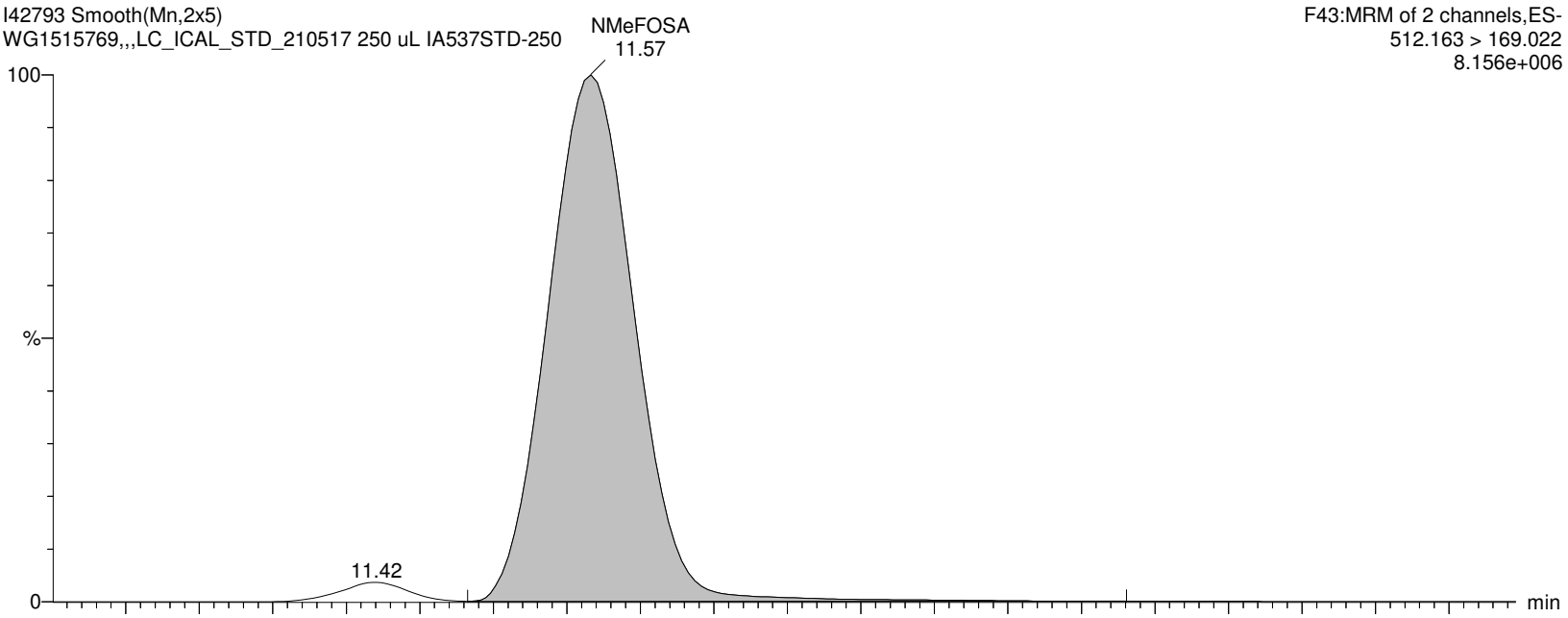


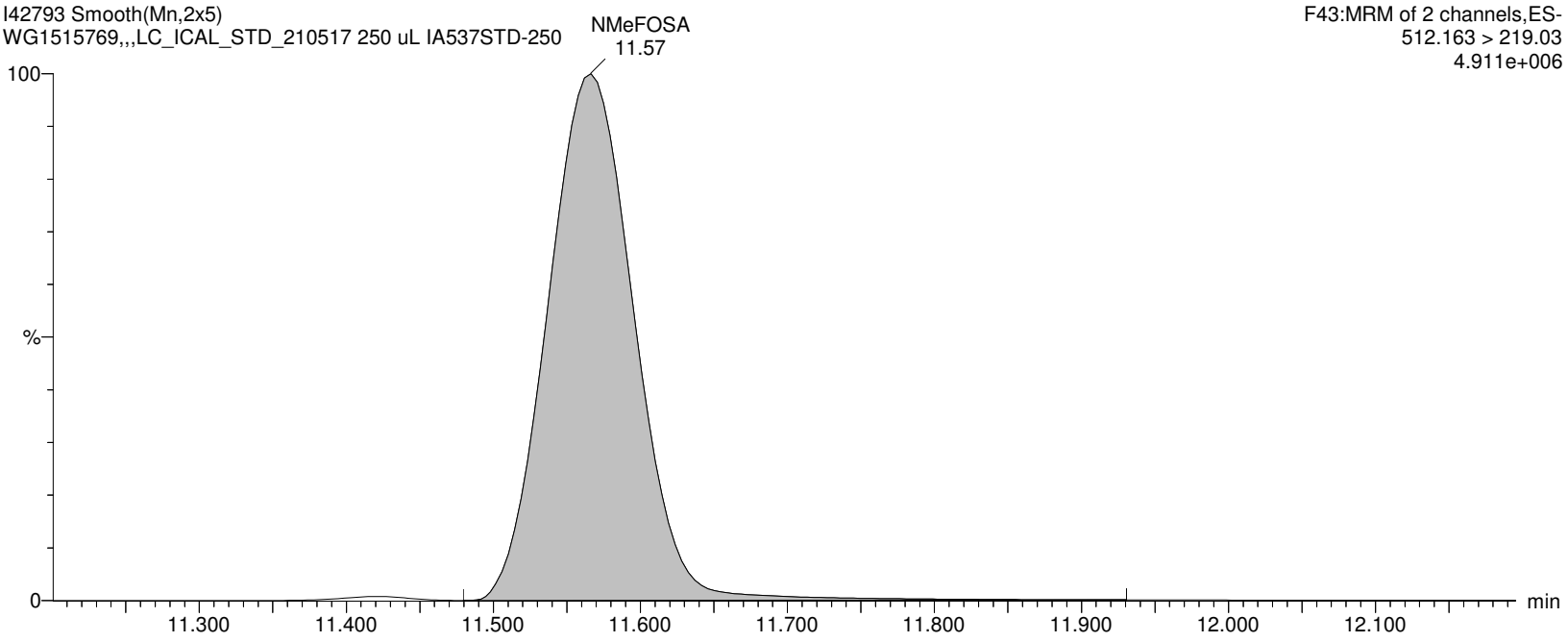
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSA



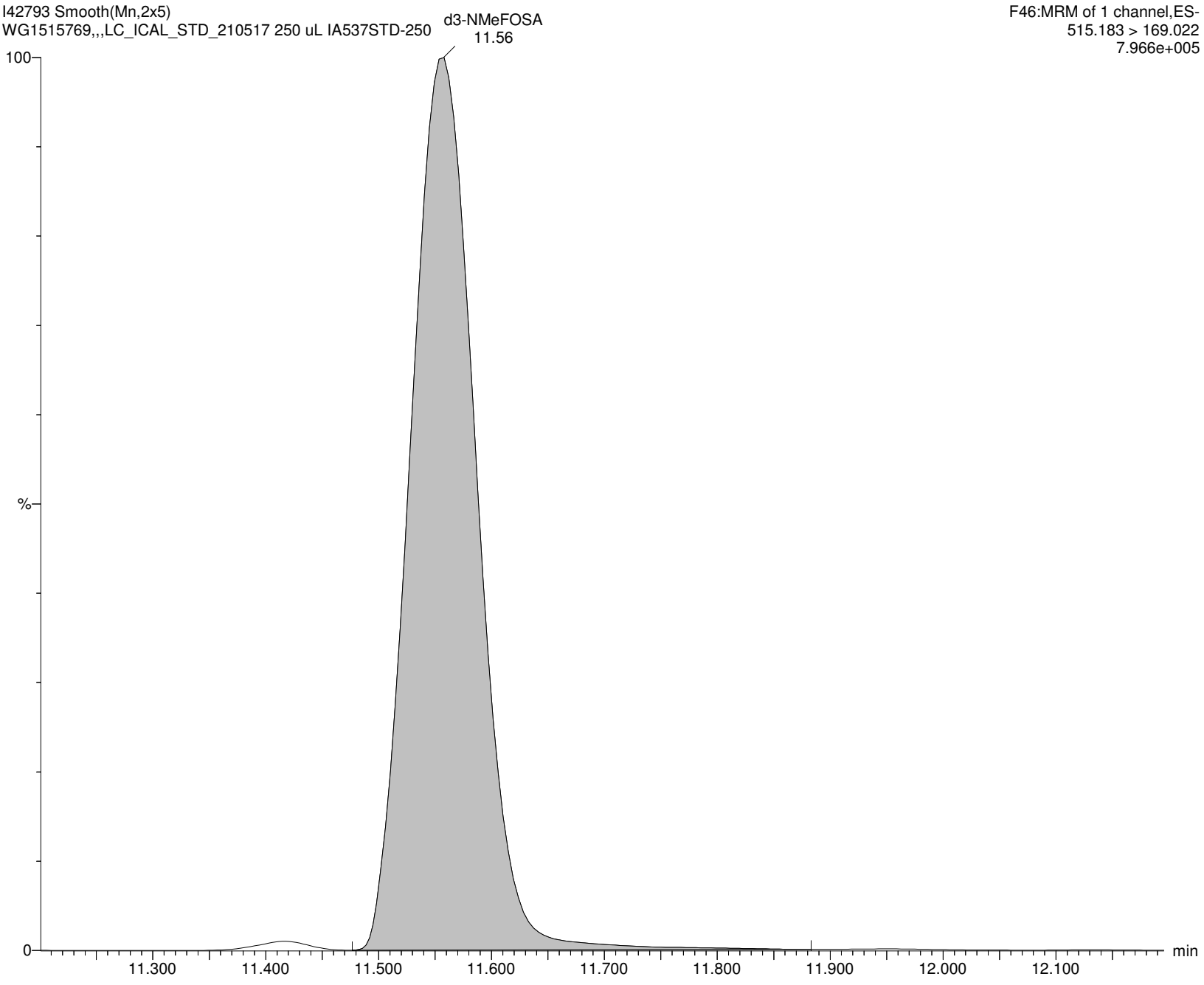


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSA

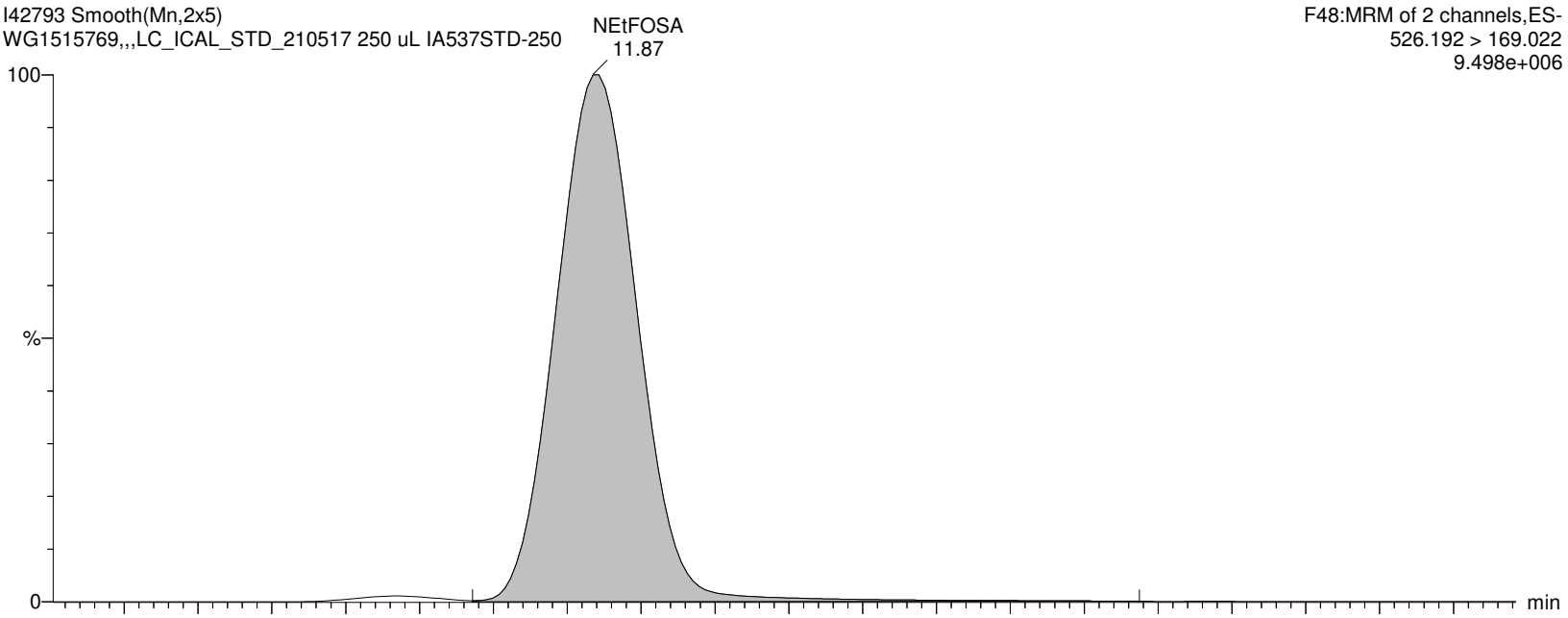


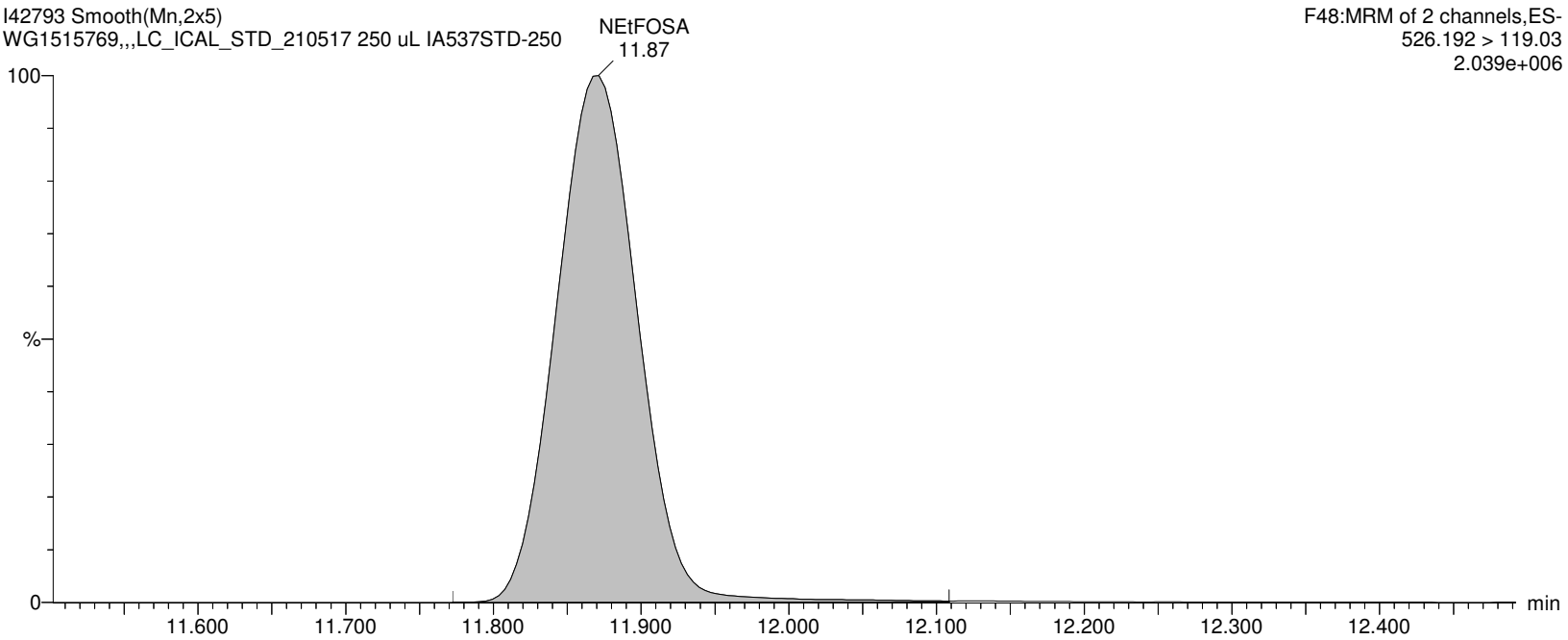
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSA



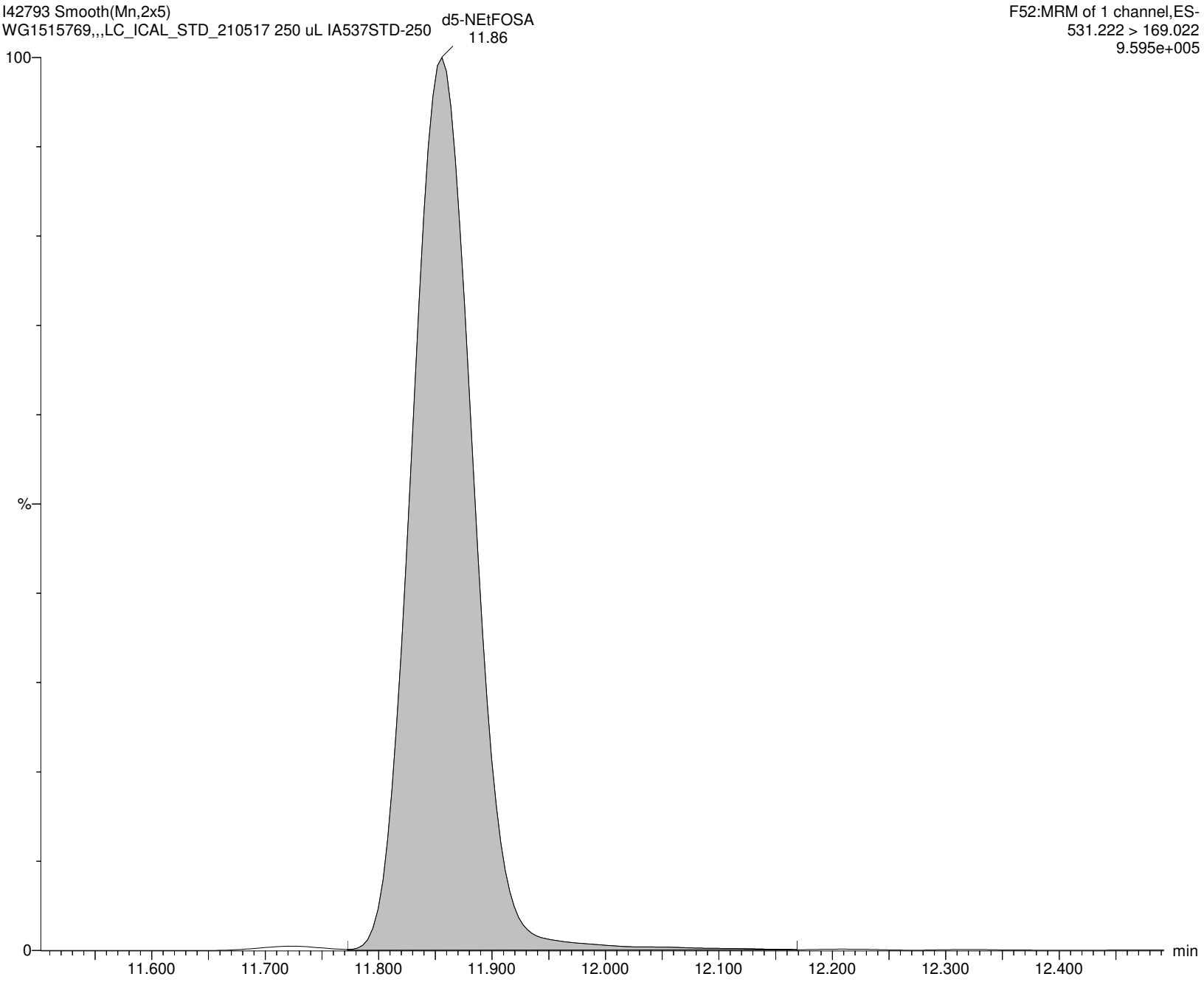


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSA

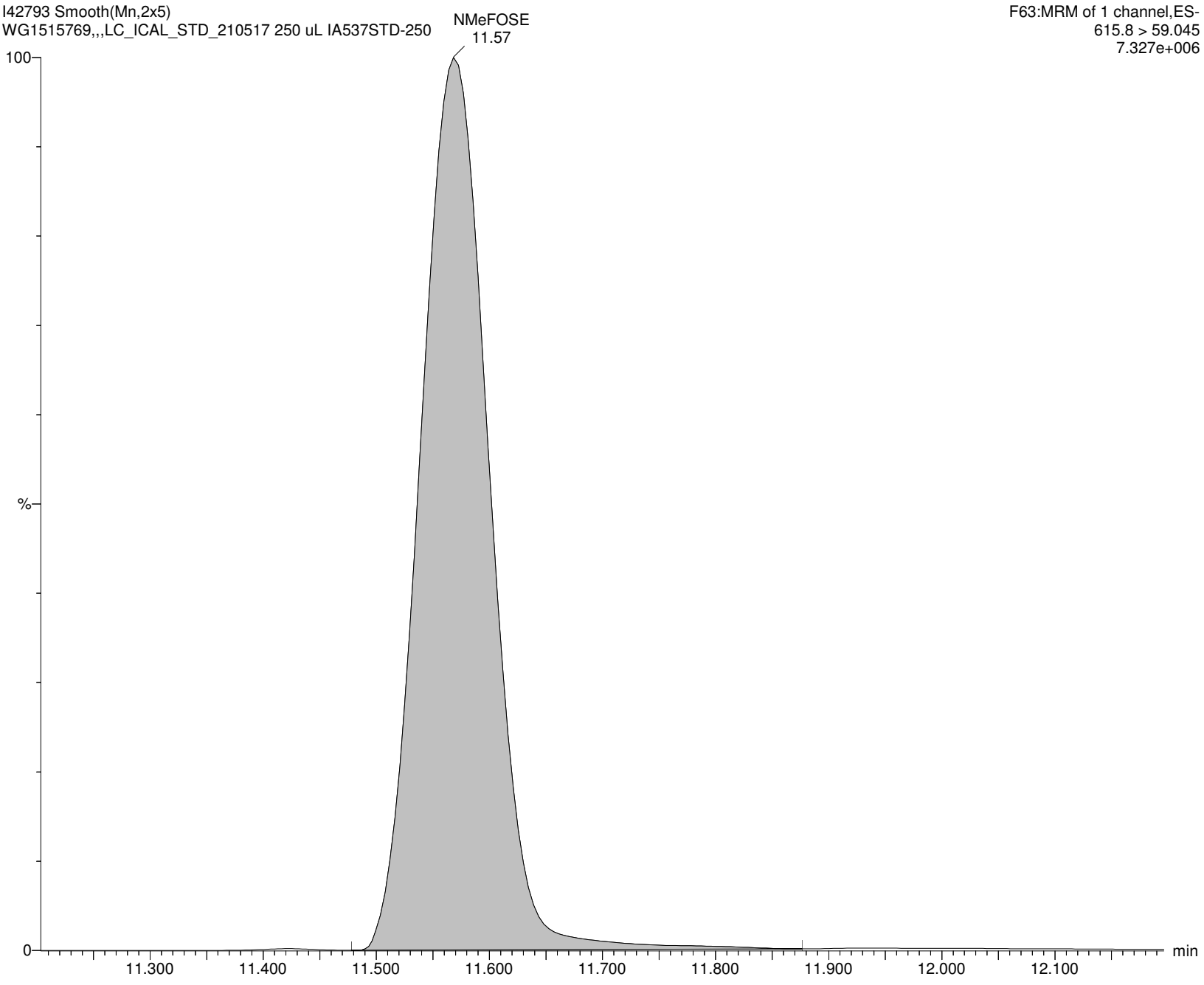


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSE

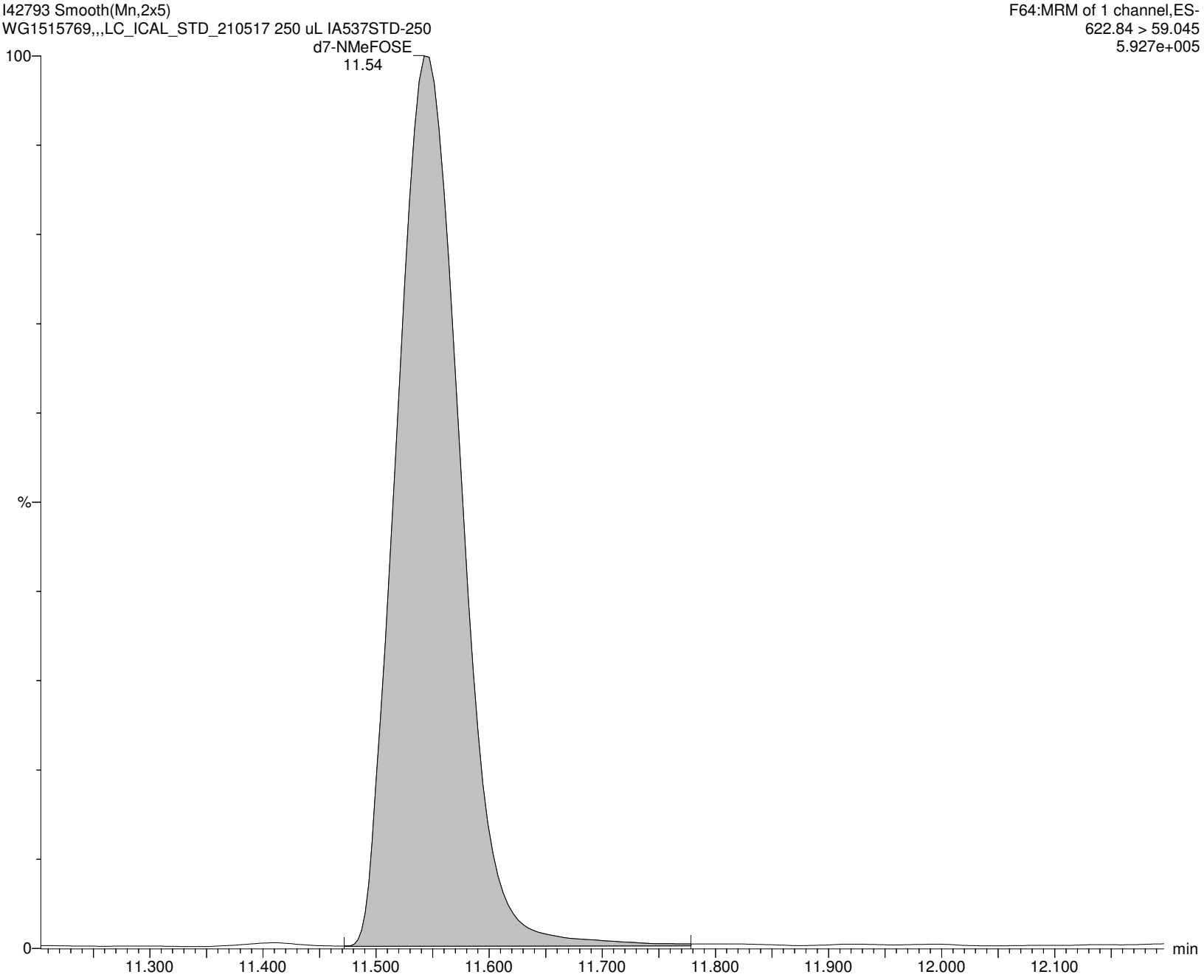


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d7-NMeFOSE

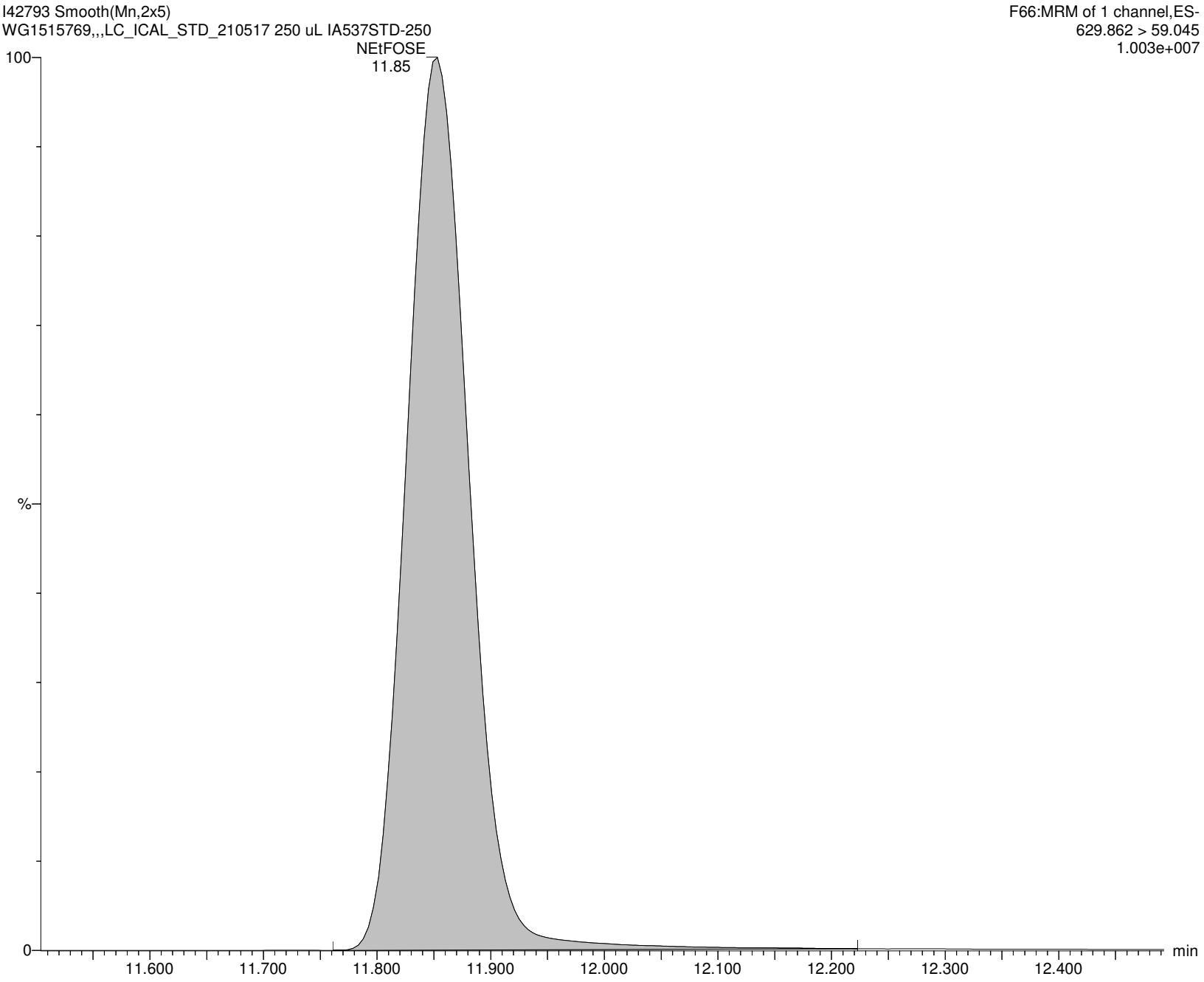


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSE

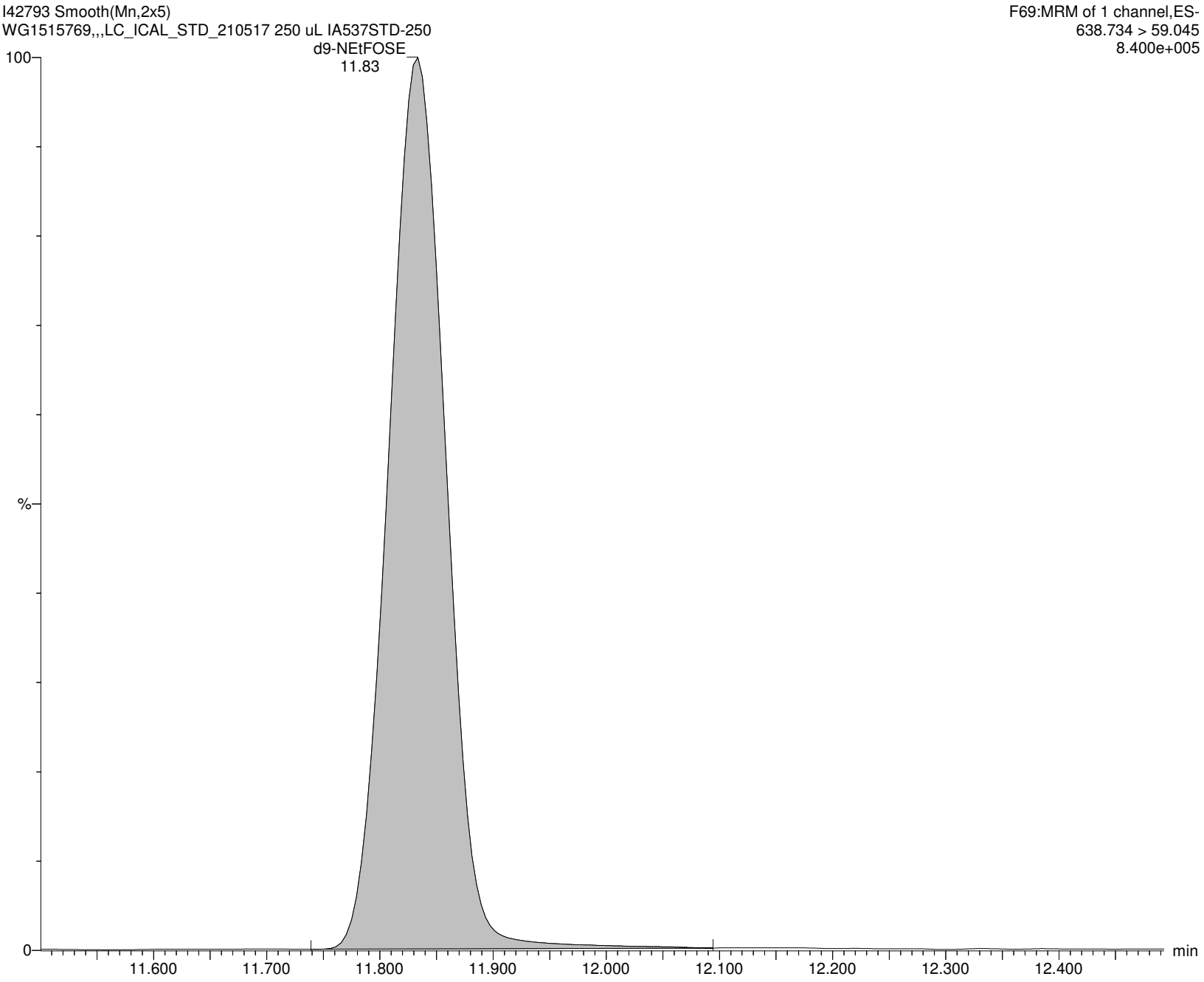


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d9-NEtFOSE

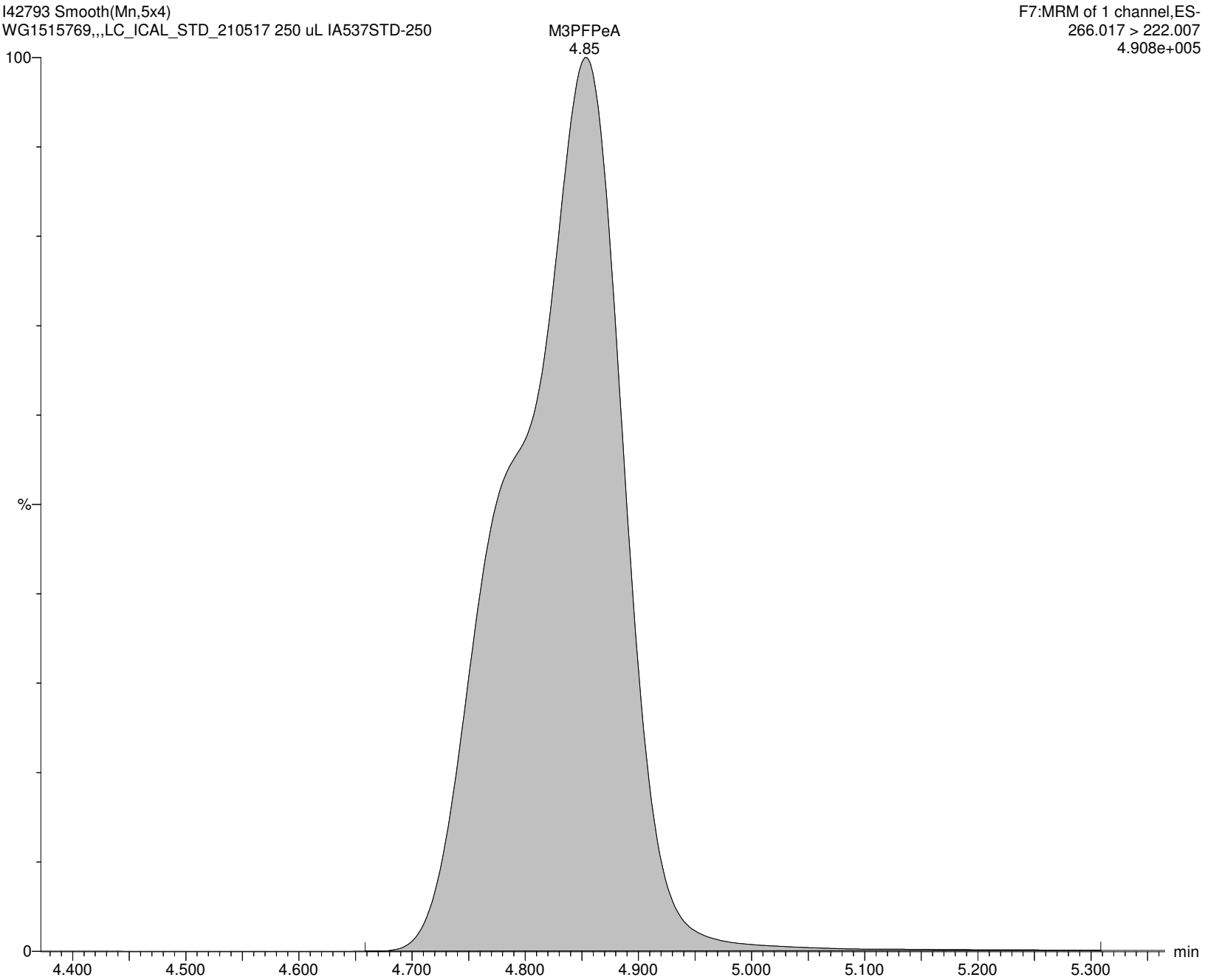


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFPeA

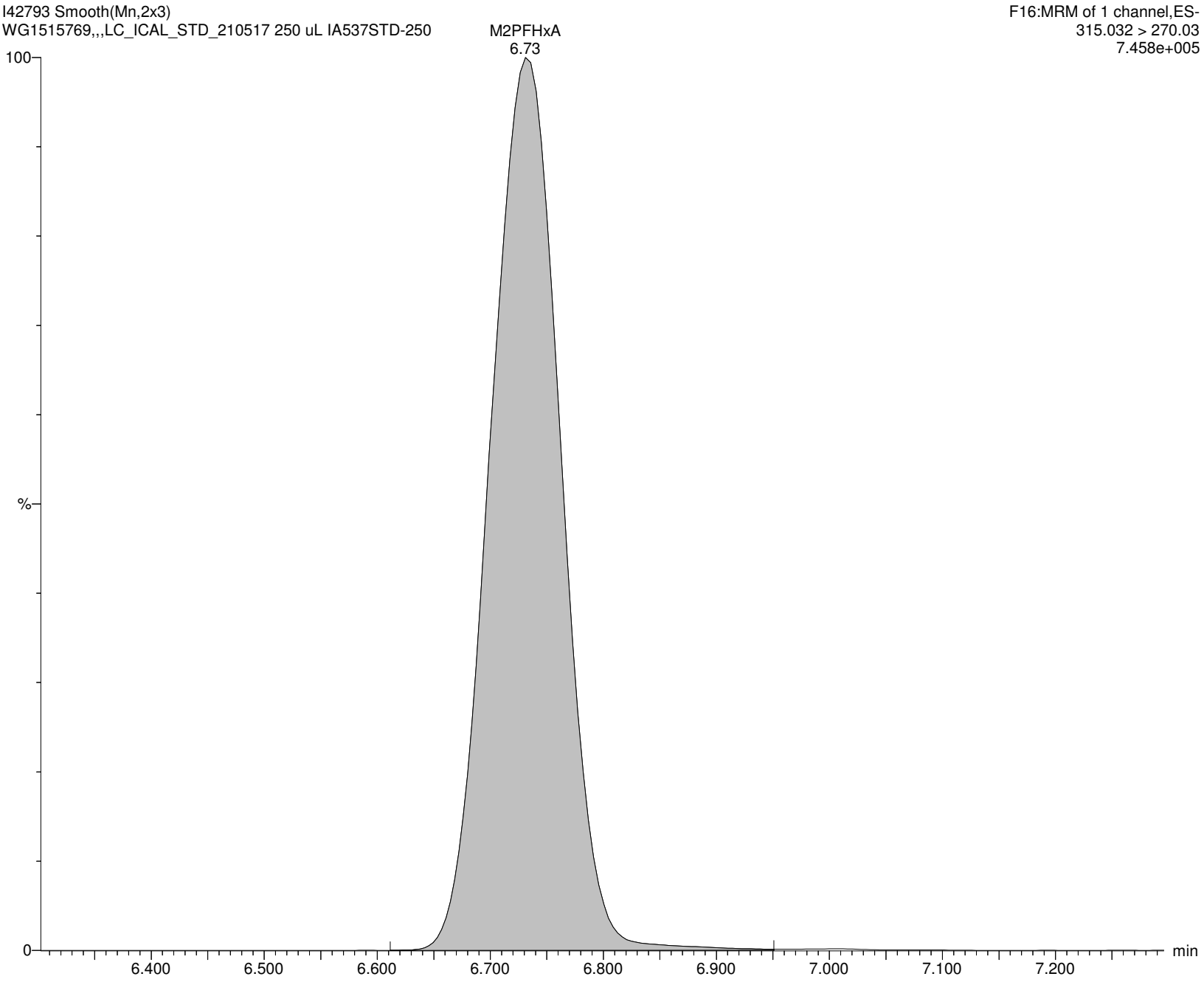


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFHxA

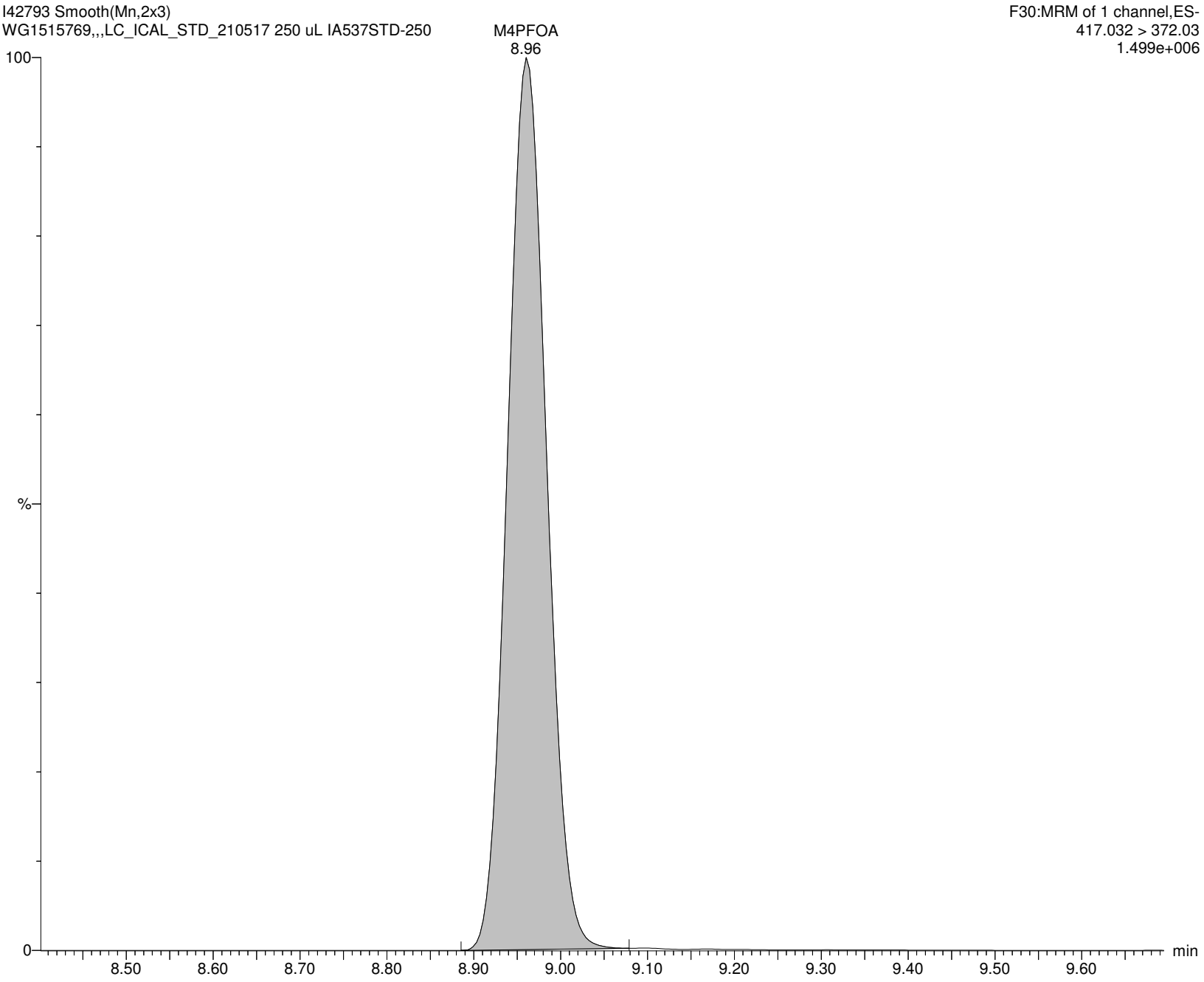


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOA

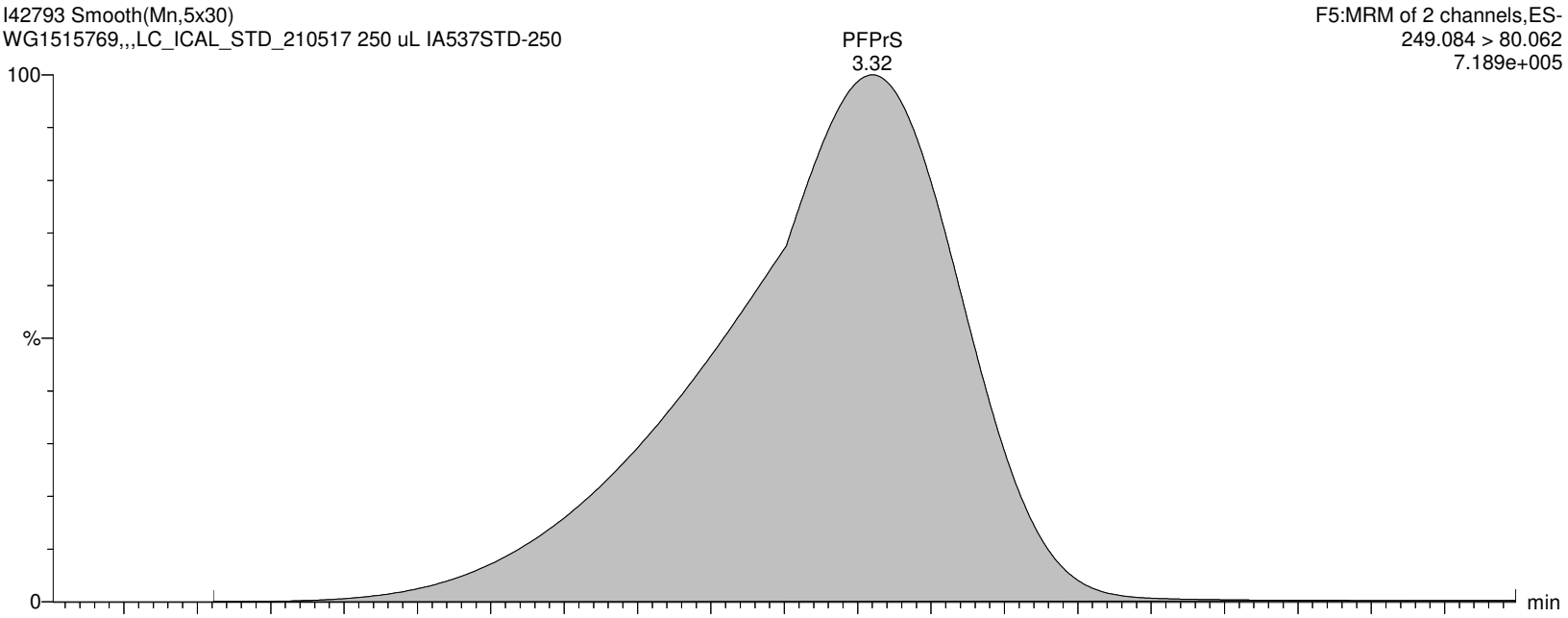


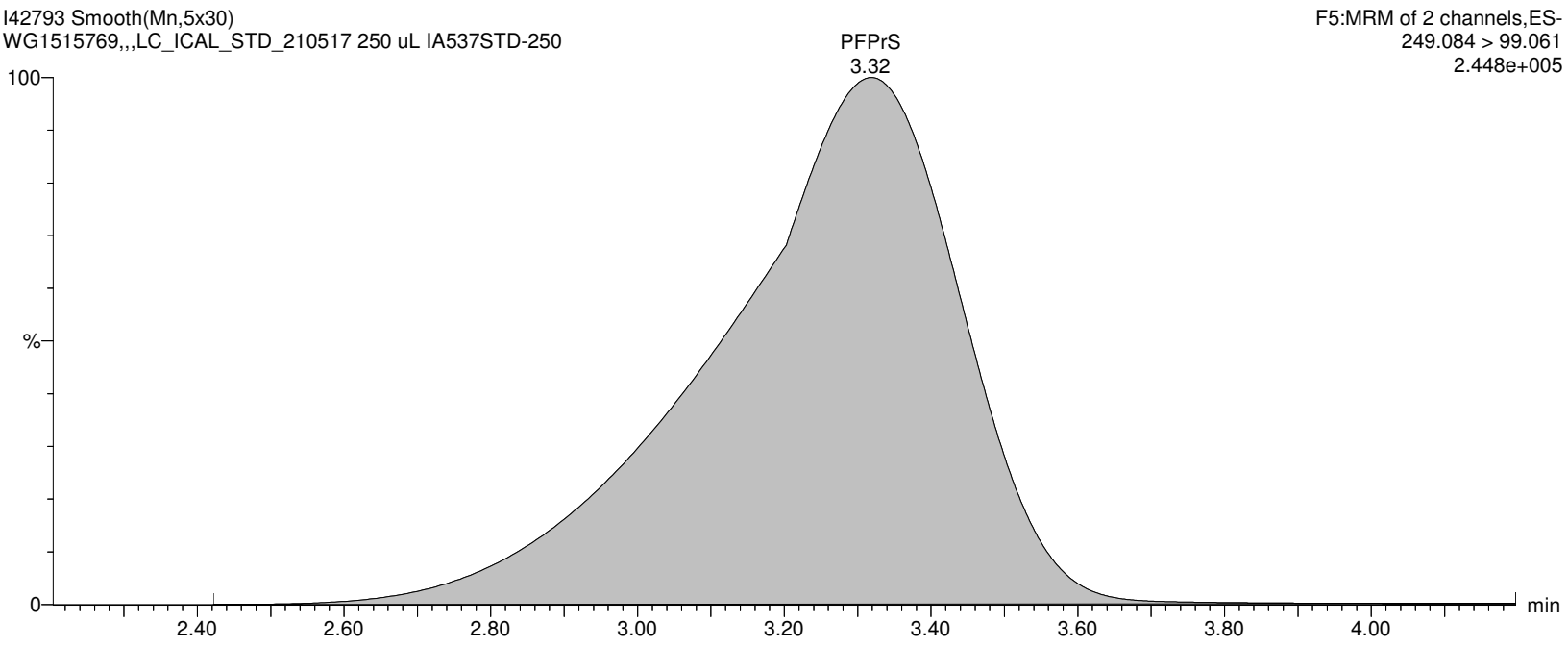
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPrS



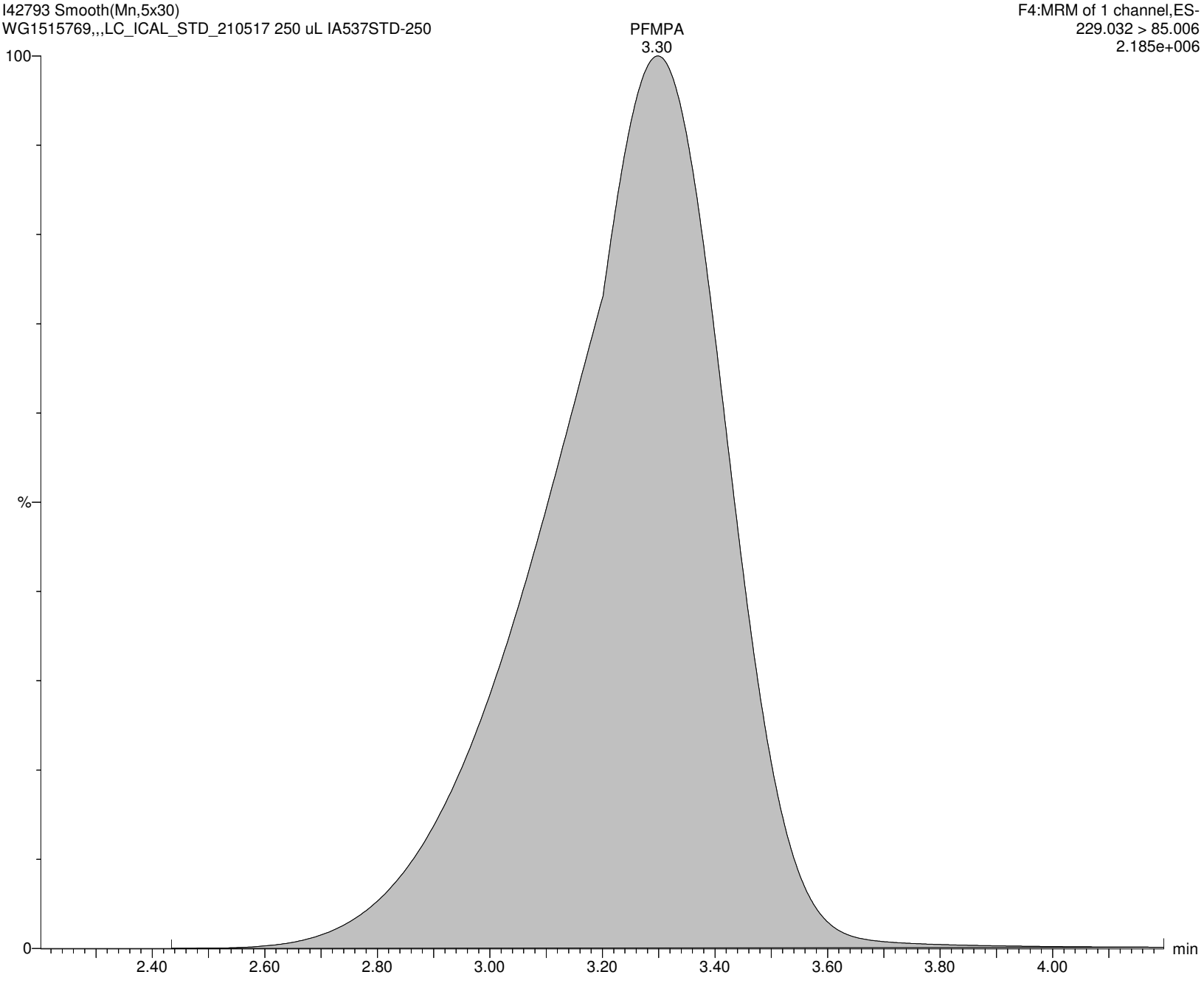


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFMPA

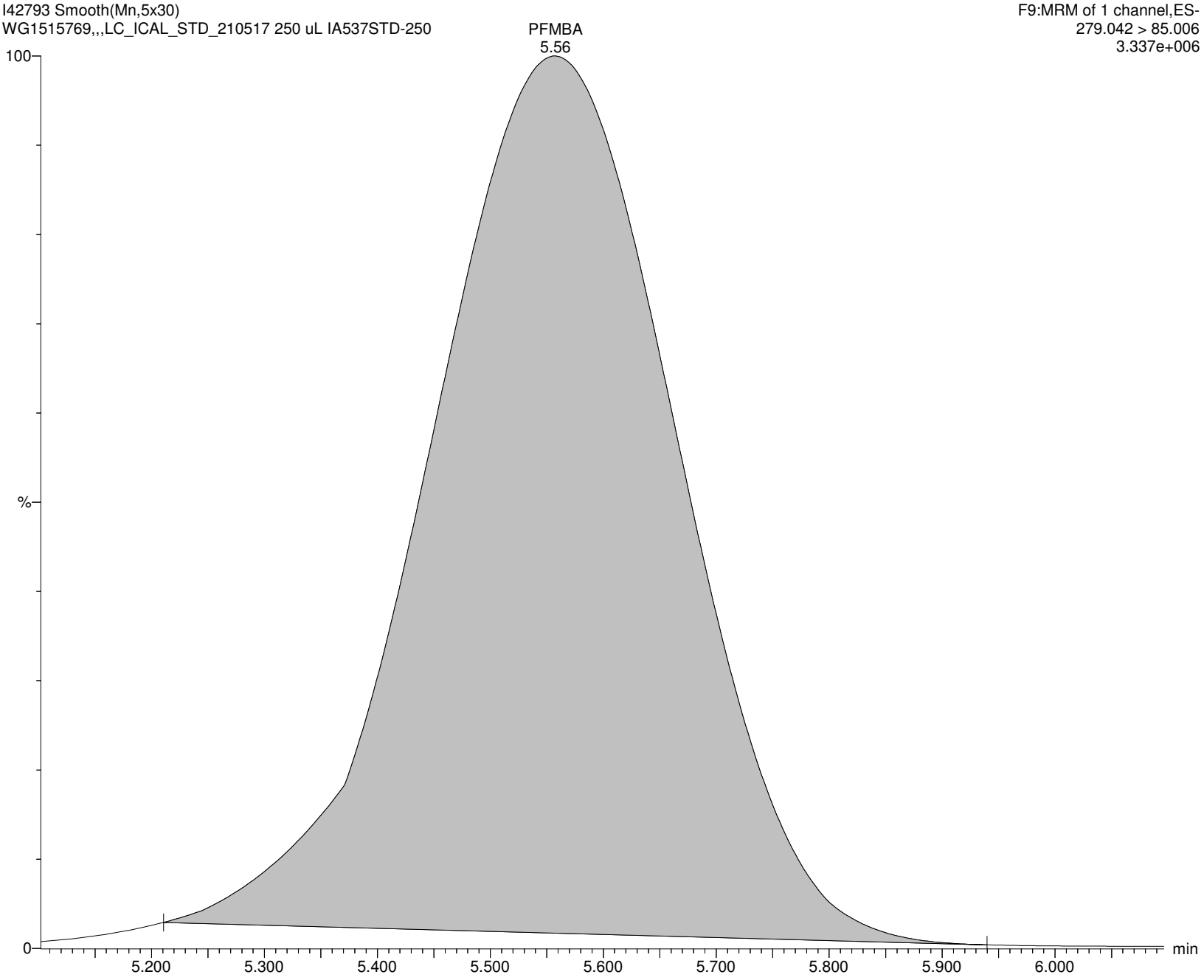


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFMBA

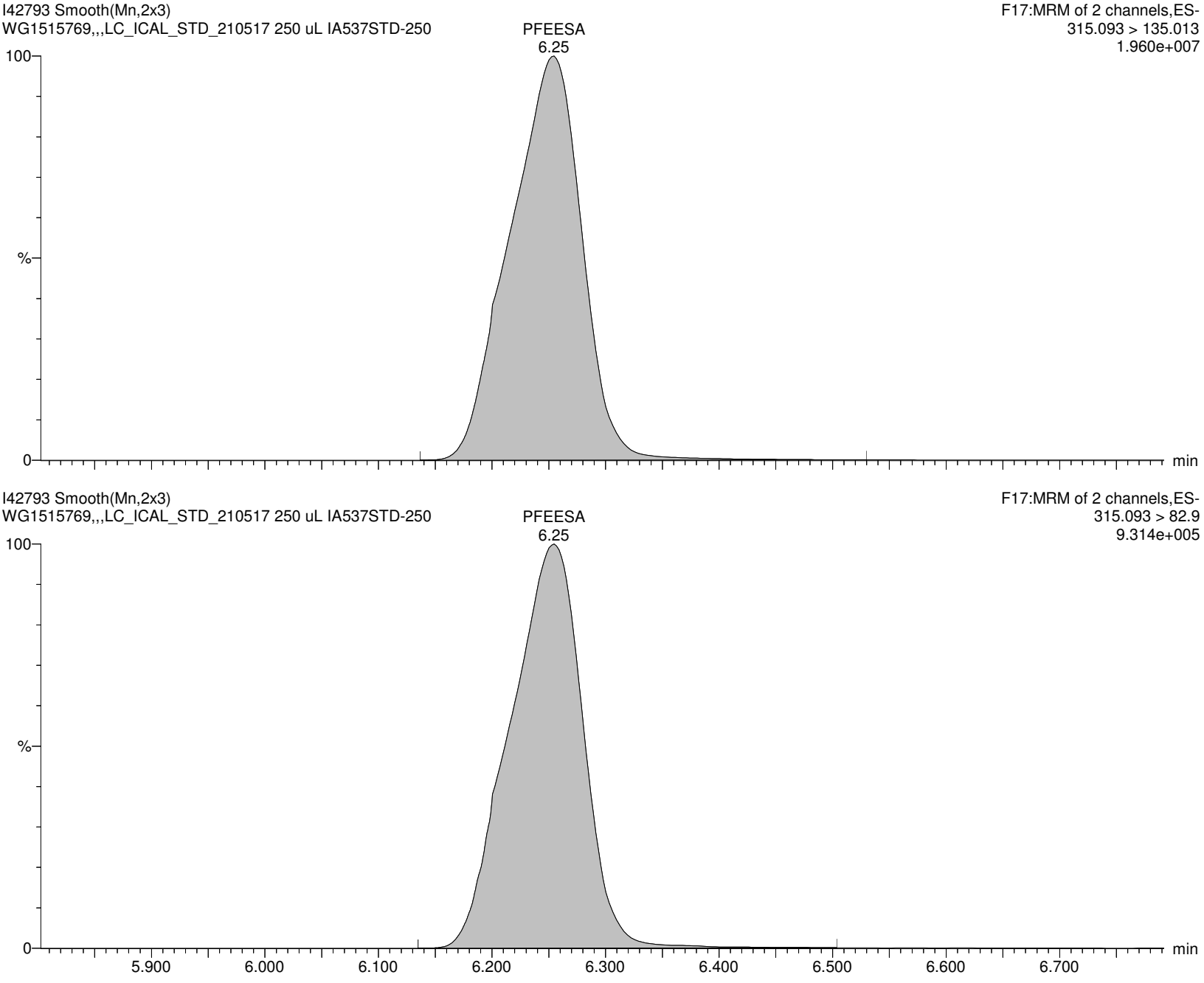


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFEESA

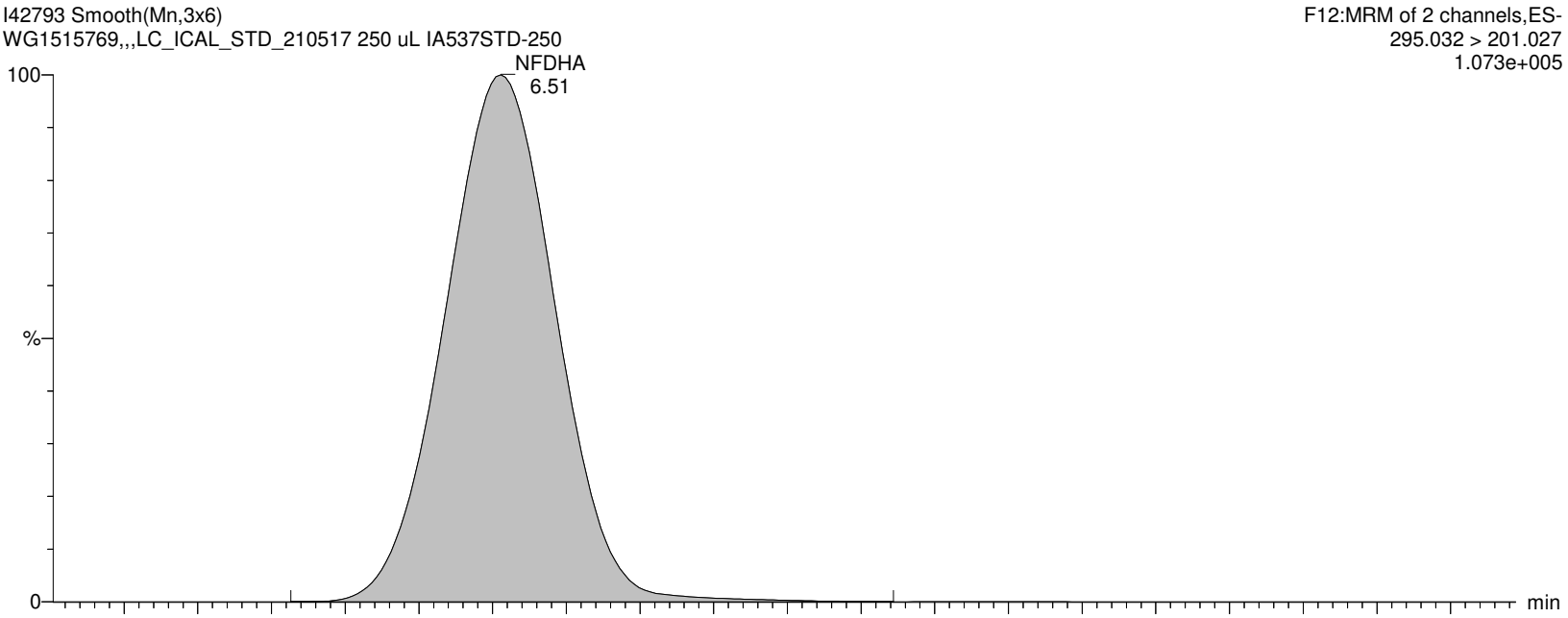


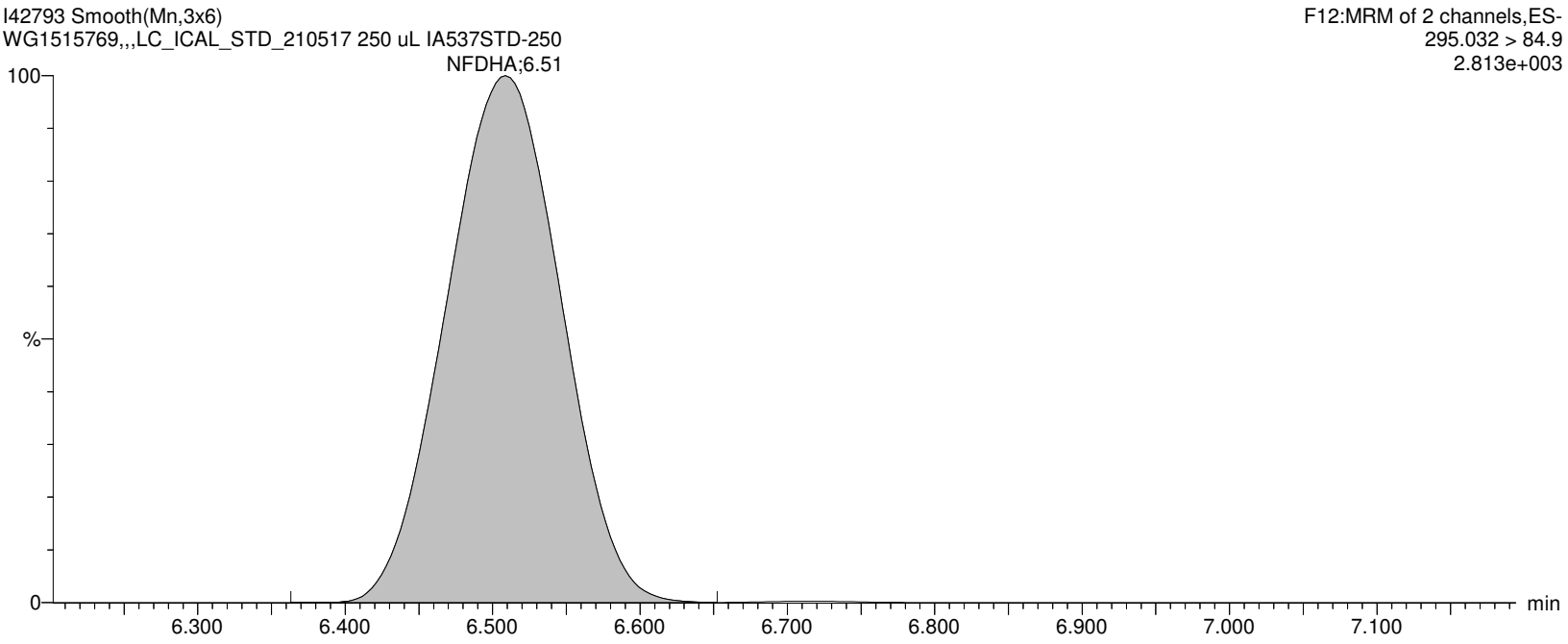
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NFDHA





all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\MethDB\537ISO_Q_210625_TOP_RT.mdb 28 Jun 2021 09:51:05
Calibration: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

ID: CA537STD-10
Name: I42799
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	1.97	213.032 > 169.022	52965		10.769		na	107.7
2	M3PFBA	INT STD	1.97	216.009 > 171.999	51685		9.845		na	98.5
3	MPFBA	INT STD	1.97	217.001 > 171.999	55266		9.945		na	99.4
4	PFPeA	2706-90-3	4.84	263.039 > 219.03	60309		10.597		na	106.0
5	M5PFPEA	INT STD	4.84	268.001 > 222.999	60486		9.919		na	99.2
6	PFBS	375-73-5	5.50	299.092 > 80.062	12727		9.566	1.92	NO	108.1
7	M3PFBS	INT STD	5.50	302.069 > 80.062	12247		9.768		na	97.7
8	4:2FTS	757124-72-4	6.65	327.146 > 307.139	4787		11.070	2.62	NO	118.4
9	M2-4:2FTS	INT STD	6.65	329.13 > 309.124	4563		9.082		na	90.8
10	PFHxA	307-24-4	6.73	313.047 > 269.037	72666		10.670	15.82	NO	106.7
11	M5PFHxA	INT STD	6.73	318.009 > 273.007	64183		10.105		na	101.0
12	PFPeS	2706-91-4	7.05	349.1 > 80.062	13952		10.946	2.36	NO	116.4
13	PFHpA	375-85-9	8.01	363.055 > 319.045	102053		10.494	5.51	NO	104.9
14	M4PFHpA	INT STD	8.01	367.025 > 322.022	96114		10.149		na	101.5
15	br-PFHxS	355-46-4	7.94	399.107 > 80.062	2400	m5,m7	1.938	2.15	NO	114.0
16	L-PFHxS	355-46-4	8.18	399.107 > 80.062	11846		7.539	1.63	NO	101.9
17	PFHxS	355-46-4		399.107 > 80.062	14246		9.477		na	
18	M3PFHxS	INT STD	8.18	402.084 > 80.062	14400		10.129		na	101.3
19	br-PFOA	335-67-1		413.063 > 369.053			ND		YES	
20	L-PFOA	335-67-1	8.96	413.063 > 369.053	109301		10.652	8.84	NO	106.5
21	PFOA	335-67-1		413.063 > 369.053	109301		10.652		na	
22	M8PFOA	INT STD	8.95	421.002 > 376.	106476		10.096		na	101.0
23	M2PFOA	INT STD	8.96	415.048 > 370.045	103878		9.808		na	98.1
24	6:2FTS	27619-97-2	8.92	427.161 > 407.155	4710		10.629	3.60	NO	111.9
25	M2-6:2FTS	INT STD	8.92	429.146 > 409.14	4629		8.975		na	89.7
26	PFHpS	375-92-8	9.05	449.115 > 80.062	9432		10.435	1.10	NO	109.8
27	PFNA	375-95-1	9.71	463.071 > 419.061	80433		10.838	3.81	NO	108.4
28	M9PFNA	INT STD	9.71	472.002 > 427.	29710		9.808		na	98.1
29	br-PFOS	1763-23-1	9.58	499.123 > 80.062	3338	m5,m7	2.380	4.23	NO	119.0
30	L-PFOS	1763-23-1	9.77	499.123 > 80.062	9407		8.401	1.77	NO	115.1
31	PFOS	1763-23-1		499.123 > 80.062	12745		10.781		na	
32	M4PFOS	INT STD	9.77	503.093 > 80.062	11363		10.039		na	100.4
33	M8PFOS	INT STD	9.77	507.062 > 80.062	12616		9.909		na	99.1
34	PFDA	335-76-2	10.34	513.078 > 469.069	70468		10.166	5.48	NO	101.7
35	M2PFDA	INT STD	10.34	515.053 > 469.934	59046		9.679		na	96.8
36	M6PFDA	INT STD	10.34	519.033 > 474.03	69660		10.394		na	103.9
37	8:2FTS	39108-34-4	10.33	527.177 > 507.171	2439		11.234	4.81	NO	117.0
38	M2-8:2FTS	INT STD	10.33	529.162 > 509.155	3465		9.139		na	91.4
39	PFNS	68259-12-1	10.37	549.131 > 80.062	10770		11.050	1.46	NO	115.1

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

ID: CA537STD-10
Name: I42799
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.75	573.22 > 419.061	5962		9.438		na	94.4
41	br-NMeFOSAA			570.202 > 419.061			ND		YES	
42	L-NMeFOSAA		10.76	570.202 > 419.061	7381		11.364	2.41	NO	149.5
43	NMeFOSAA	2355-31-9		570.202 > 419.061	7381		11.364		na	
44	PFUnA	2058-94-8	10.87	563.086 > 519.076	65401		9.866	9.05	NO	98.7
45	M7-PFUDA	INT STD	10.87	570.033 > 525.031	65719		10.515		na	105.1
46	PFDS	335-77-3	10.89	599.139 > 80.062	10977		10.481	1.64	NO	108.6
47	FOSA	754-91-6	10.94	498.146 > 78.07	33083		10.662	121.59	NO	106.6
48	M8FOSA	INT STD	10.94	506.077 > 78.07	36243		9.989		na	99.9
49	br-NEtFOSAA			584.229 > 419.061			ND		YES	
50	L-NEtFOSAA		11.06	584.229 > 419.061	5438		10.500	1.19	NO	135.5
51	NEtFOSAA	2991-50-6		584.229 > 419.061	5438		10.500		na	
52	d5-NEtFOSAA	INT STD	11.05	589.259 > 419.061	5249		10.056		na	100.6
53	PFDoA	307-55-1	11.34	613.094 > 569.084	67060		10.814	19.31	NO	108.1
54	MPFDOA	INT STD	11.34	615.079 > 570.077	59051		9.793		na	97.9
55	PFTrDA	72629-94-8	11.75	663.102 > 619.092	56503		12.710	12.17	NO	127.1
56	PFTA	376-06-7	12.10	713.11 > 669.1	39073		11.053	8.81	NO	110.5
57	M2PFTEDA	INT STD	12.10	715.094 > 670.092	18157		9.600		na	96.0
58	M3HFPO-DA	INT STD	7.16	287.02 > 169.022	6395		217.585		na	108.8
59	HFPO-DA	13252-13-6	7.16	285.035 > 169.022	6274		202.073	3.67	NO	202.1
60	ADONA	958445-44-8	8.19	377.06 > 251.028	67082		7.933	41.12	NO	83.8
61	PFHxDA		12.63	813.122 > 769.116	16320		9.520	21.97	NO	95.2
62	PFODA		12.86	913.411 > 869.131	2005		9.555	26.15	NO	95.5
63	M2PFHxDA		12.63	815.102 > 770.108	25930		9.360		na	93.6
64	PFDoS		11.74	699.154 > 80.062	6848		10.011	2.54	NO	100.1
65	9CL-PF3ONS		10.12	530.862 > 350.843	37392		7.363	2.59	NO	79.0
66	11CL-PFOUdS		11.15	630.862 > 450.854	35310		7.509	3.06	NO	79.7
67	NMeFOSA		11.56	512.163 > 169.022	5894		9.032	1.60	NO	18.1
68	d3-NMeFOSA		11.55	515.183 > 169.022	80593		108.410		na	108.4
69	NEtFOSA		11.86	526.192 > 169.022	5962		8.437	4.74	NO	16.9
70	d5-NEtFOSA		11.85	531.222 > 169.022	89104		107.970		na	108.0
71	NMeFOSE		11.56	615.8 > 59.045	14319		9.826		na	39.3
72	d7-NMeFOSE		11.54	622.84 > 59.045	67380		110.525		na	110.5
73	NEtFOSE		11.85	629.862 > 59.045	15425		9.259		na	37.0
74	d9-NEtFOSE		11.83	638.734 > 59.045	63133		102.554		na	102.6
75	M3PFPeA		4.85	266.017 > 222.007	65457		9.657		na	96.6
76	M2PFHxA		6.73	315.032 > 270.03	67921		9.842		na	98.4
77	M4PFOA		8.96	417.032 > 372.03	105622		9.933		na	99.3
78	PFPrS	423-41-6	3.32	249.084 > 80.062	15967		13.140	2.94	NO	143.5
79	PFMPA		3.30	229.032 > 85.006	42792		12.017		na	120.2
80	PFMBA		5.55	279.042 > 85.006	45769		11.705		na	117.1
81	PFEESA		6.24	315.093 > 135.013	75044		11.477	21.33	NO	129.0
82	NFDHA		6.49	295.032 > 201.027	515		11.435	21.74	NO	114.3

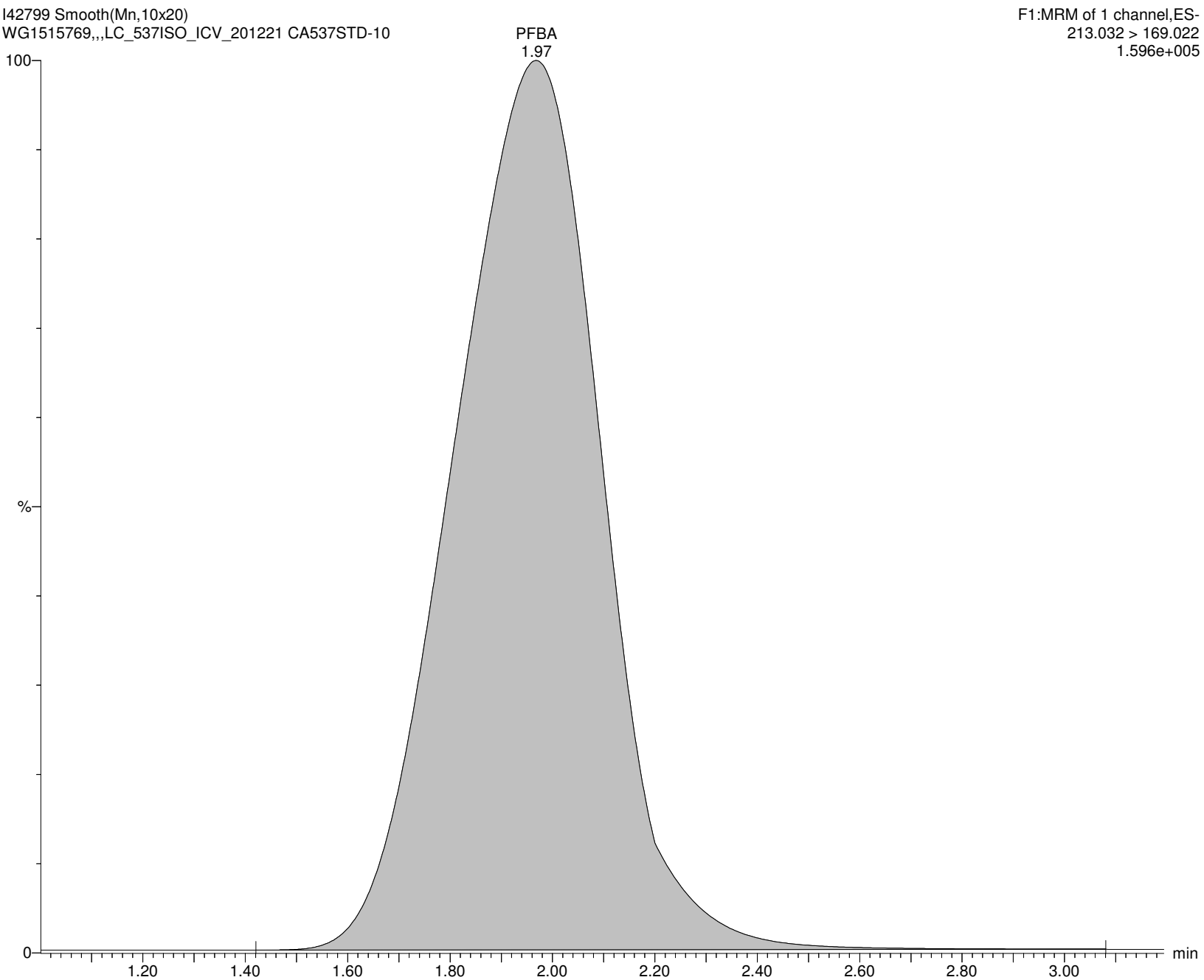
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\MethDB\537ISO_Q_210625_TOP_RT.mdb 28 Jun 2021 09:51:05
Calibration: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBA

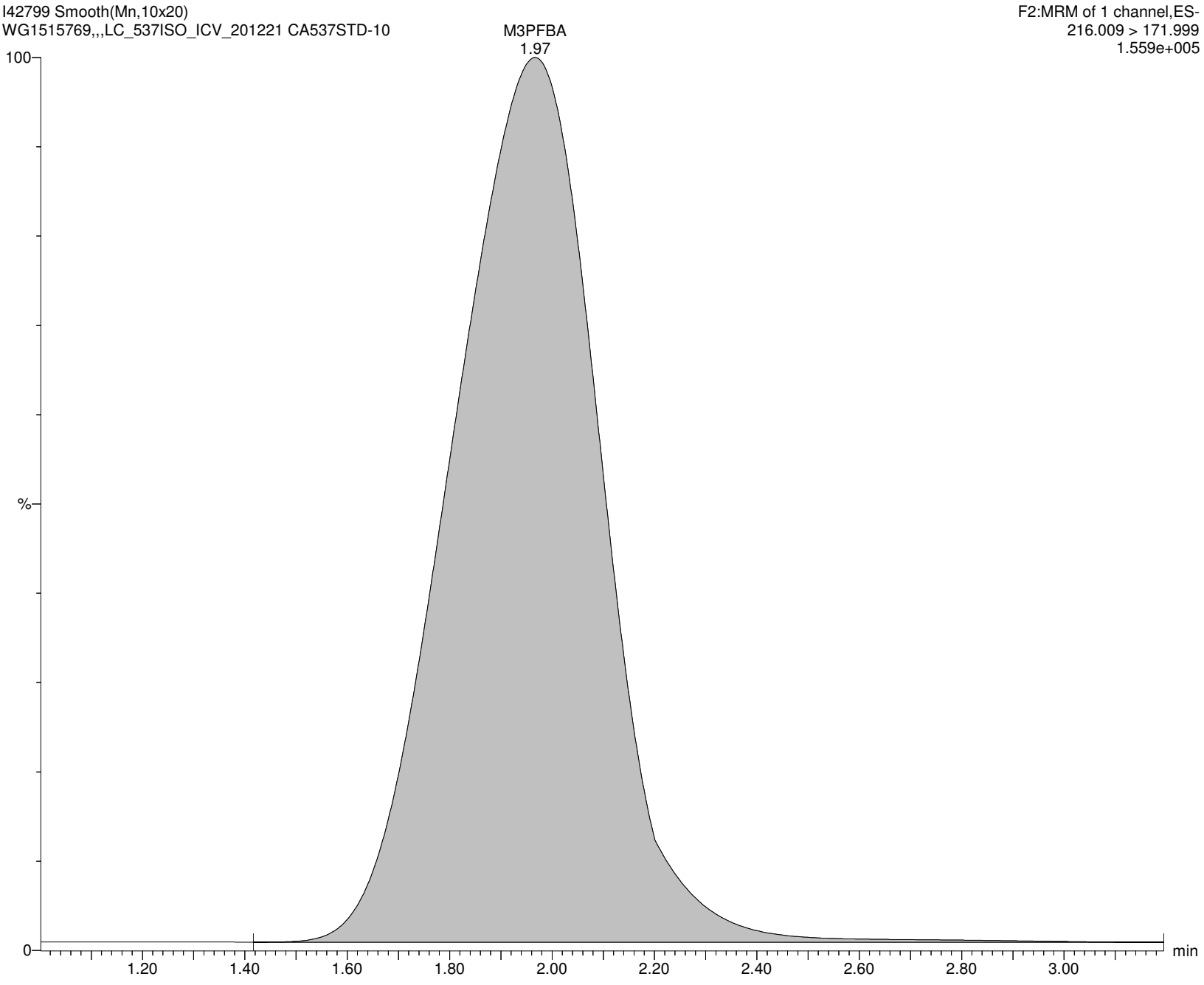


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBA

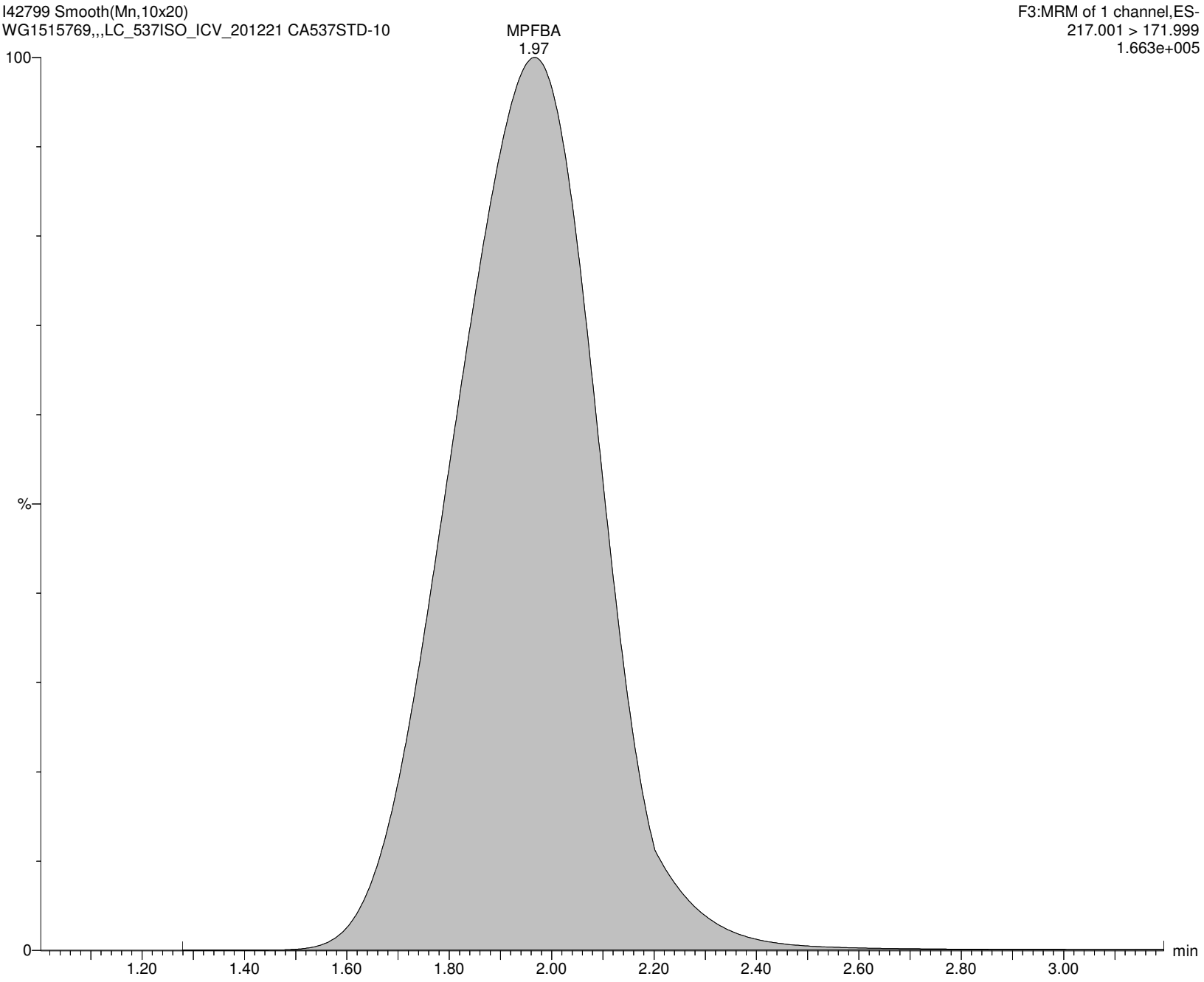


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFBA

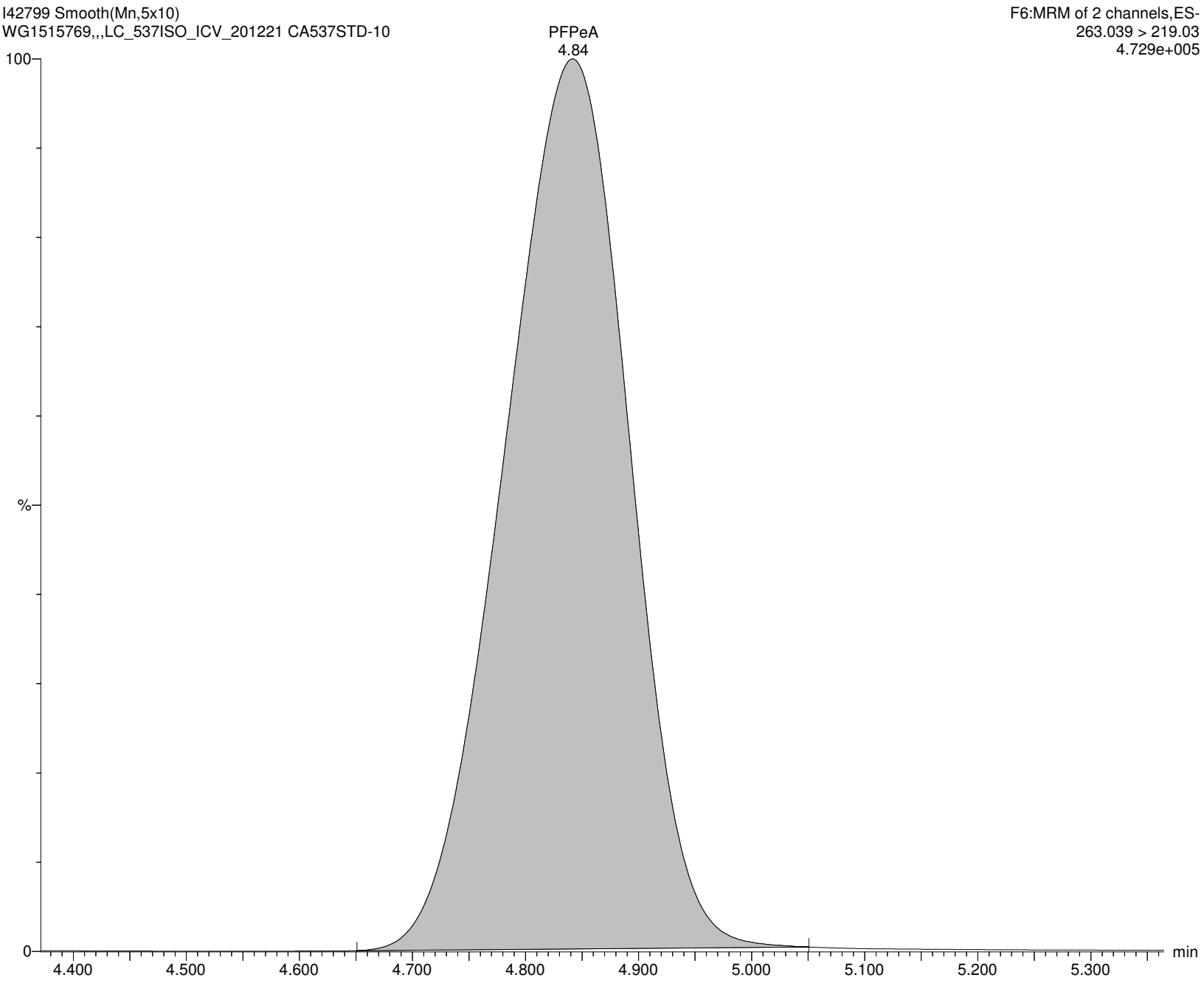


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeA

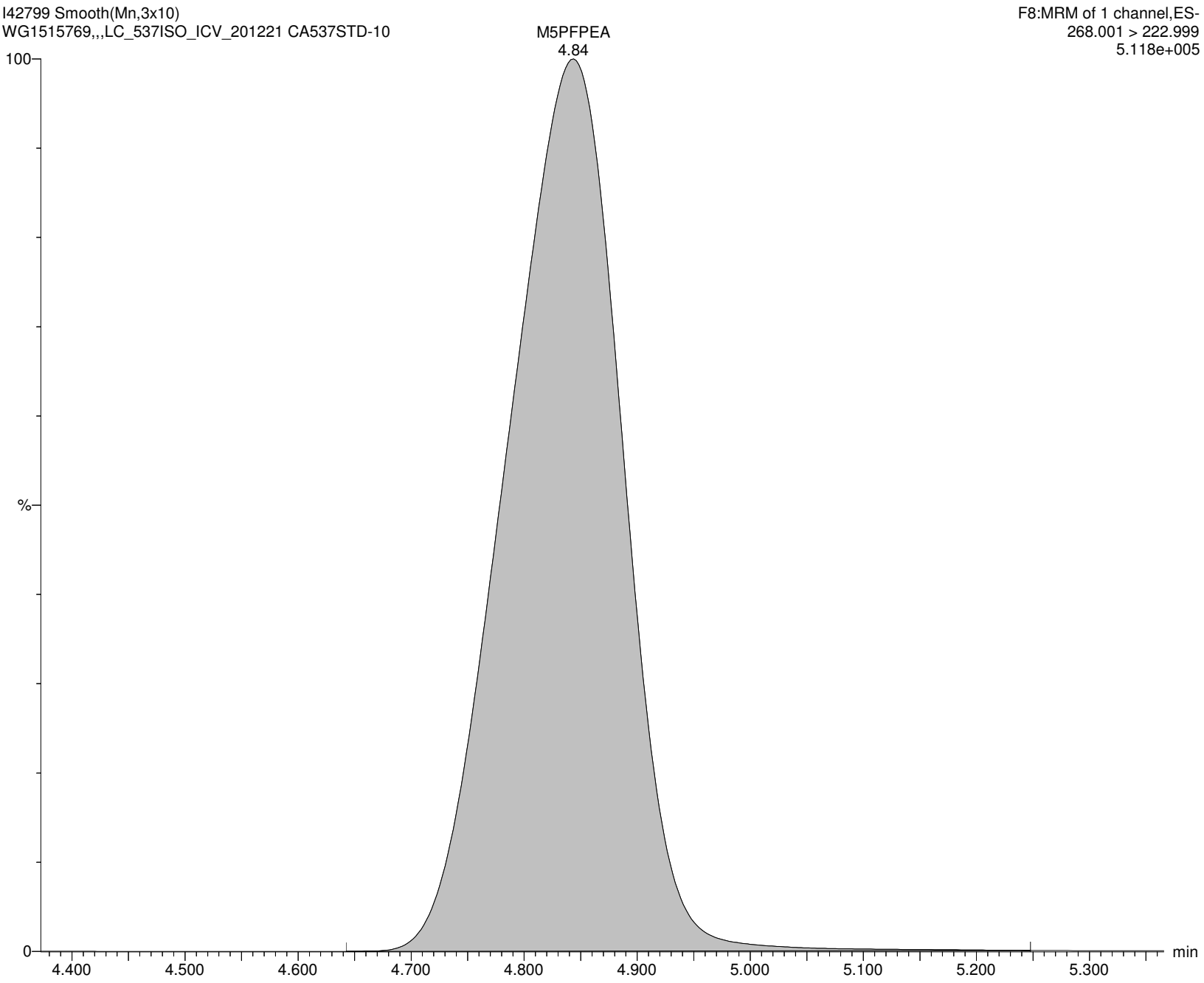


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFPEA

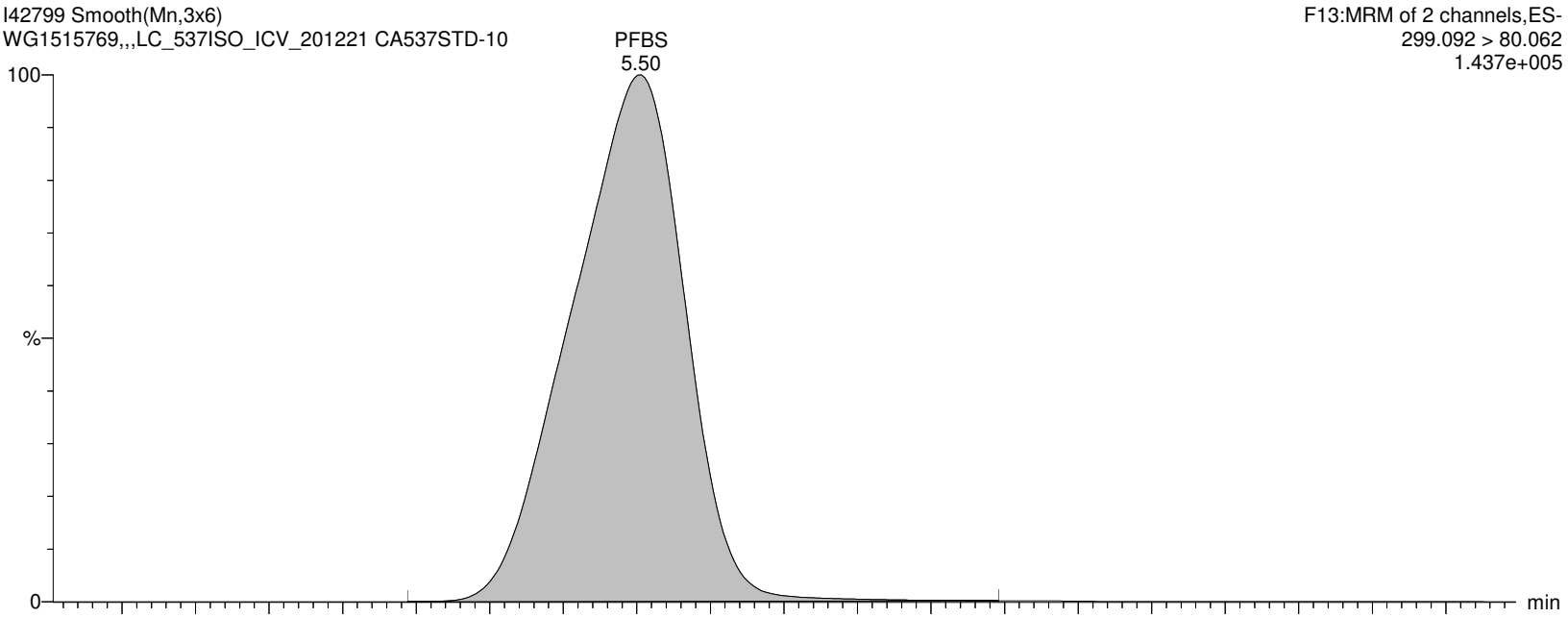


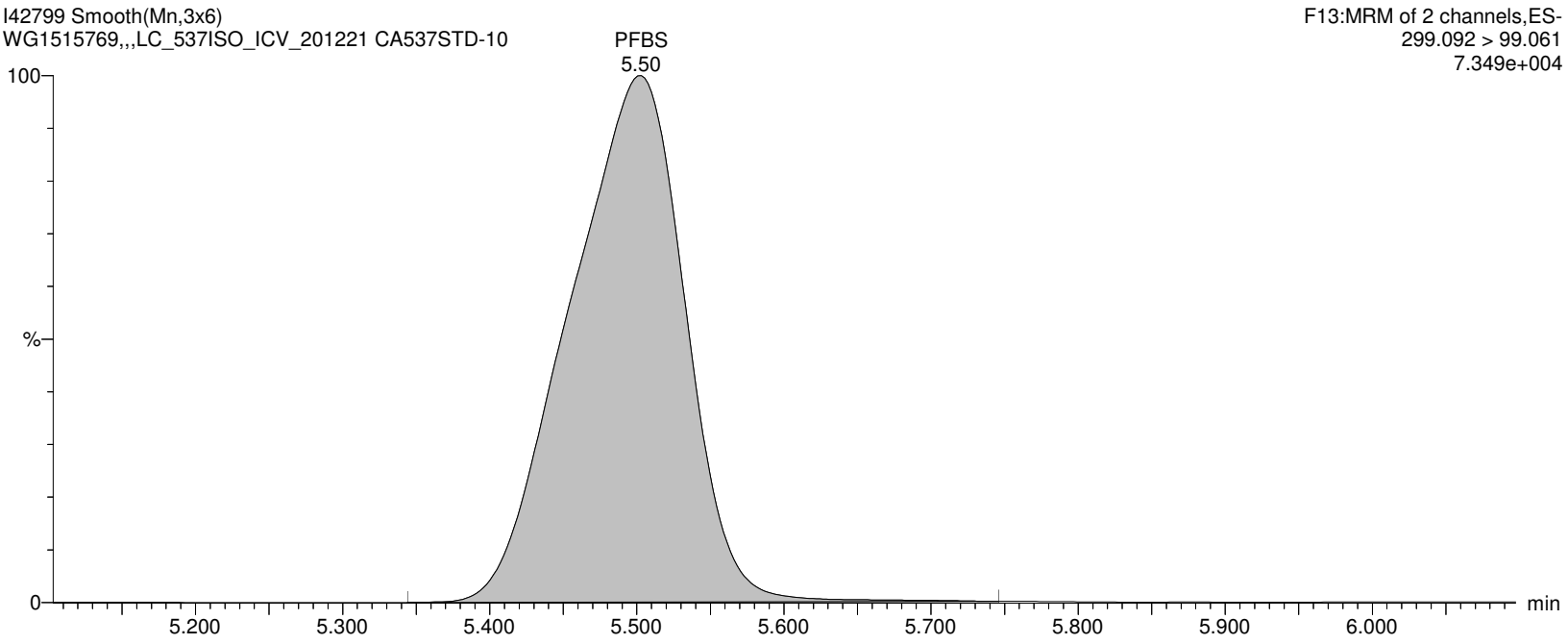
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBS



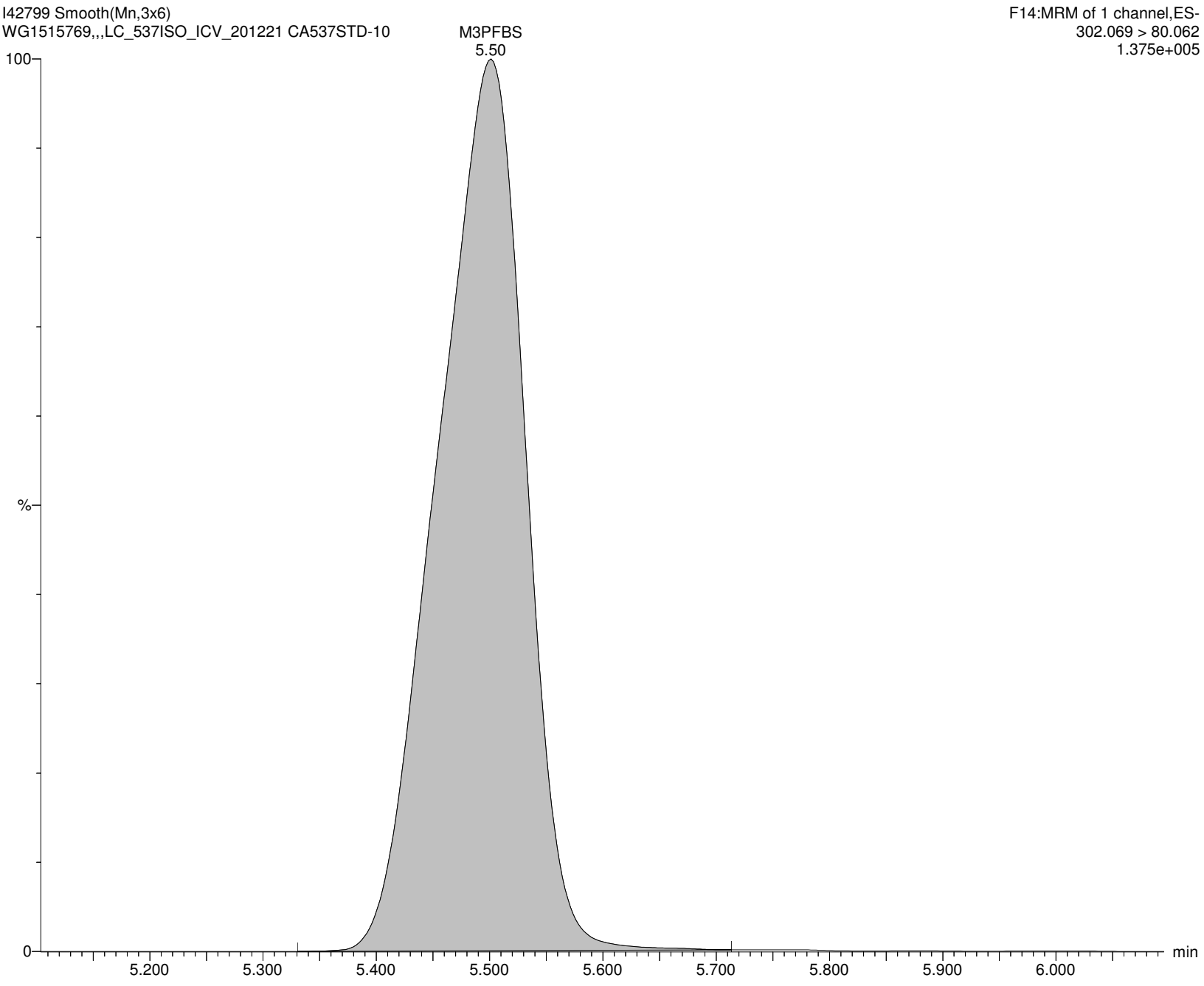


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBS

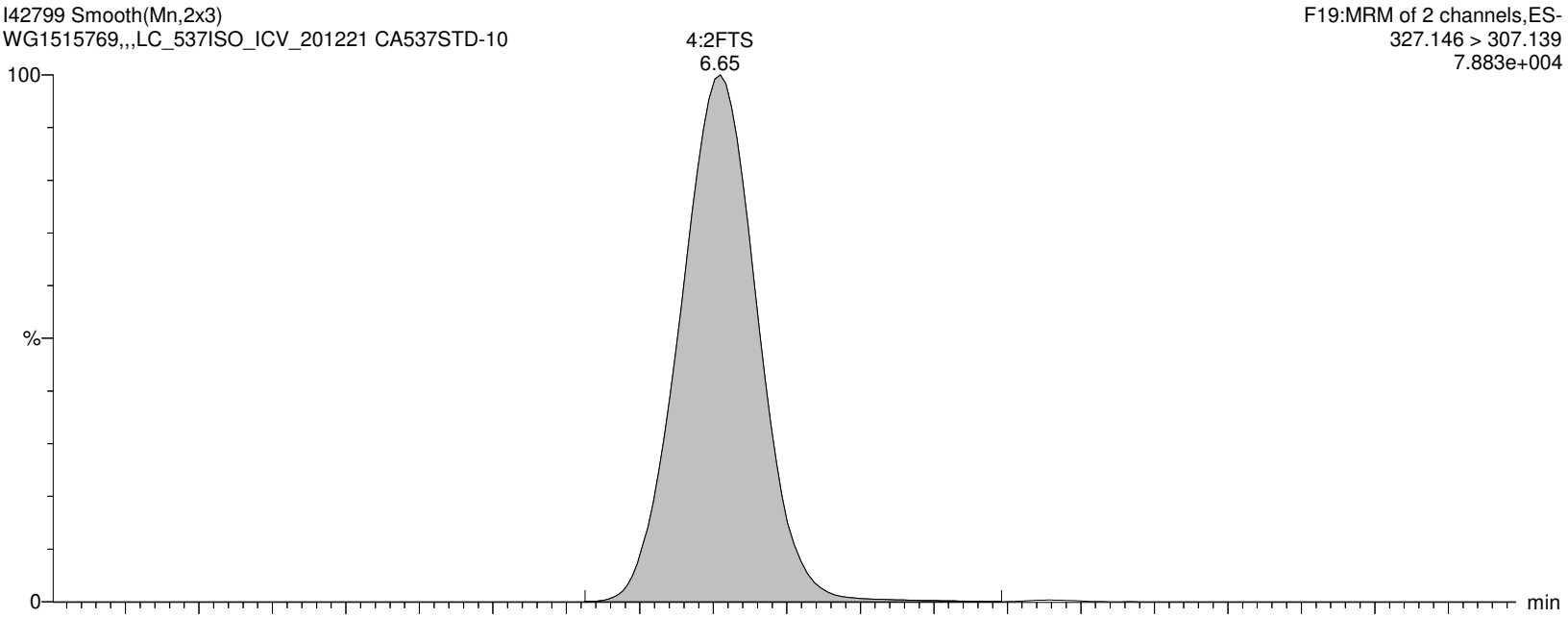


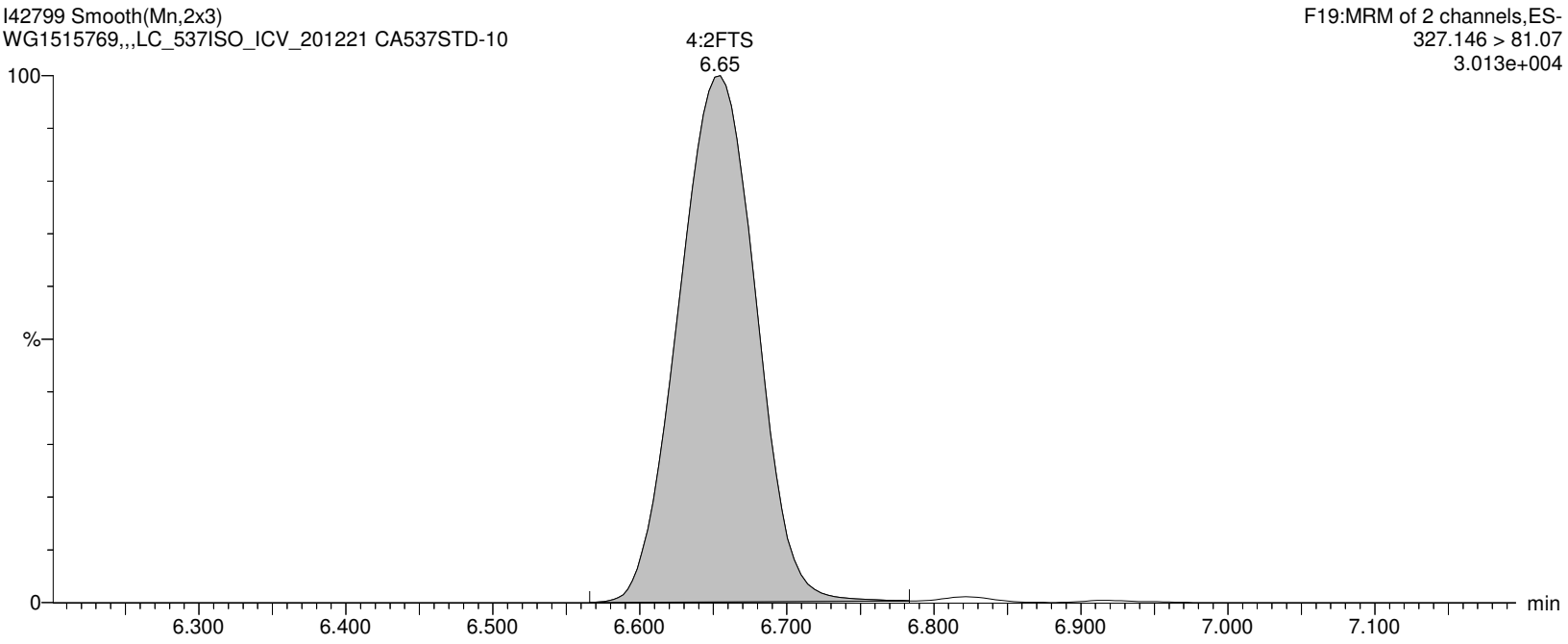
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

4:2FTS



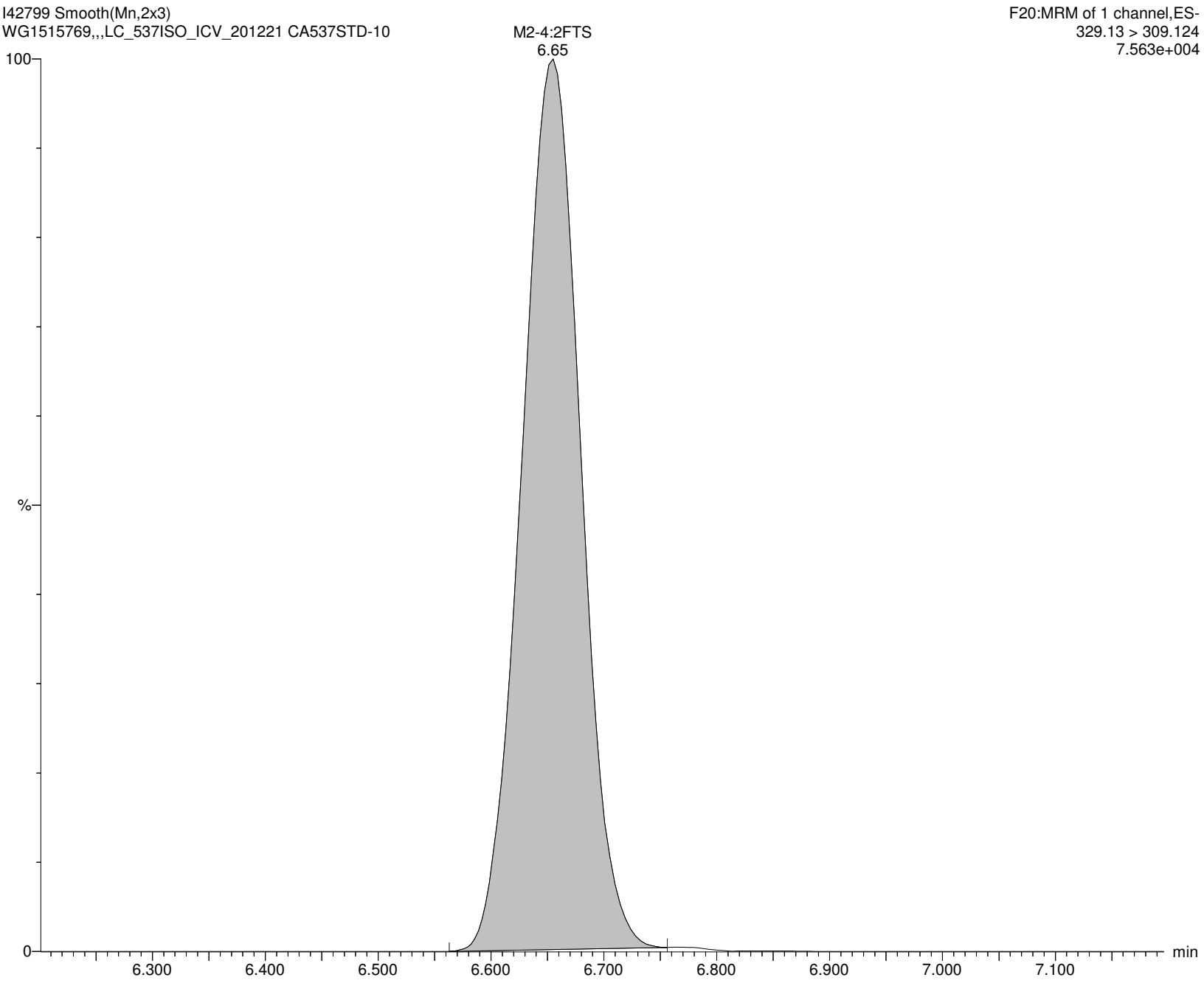


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-4:2FTS

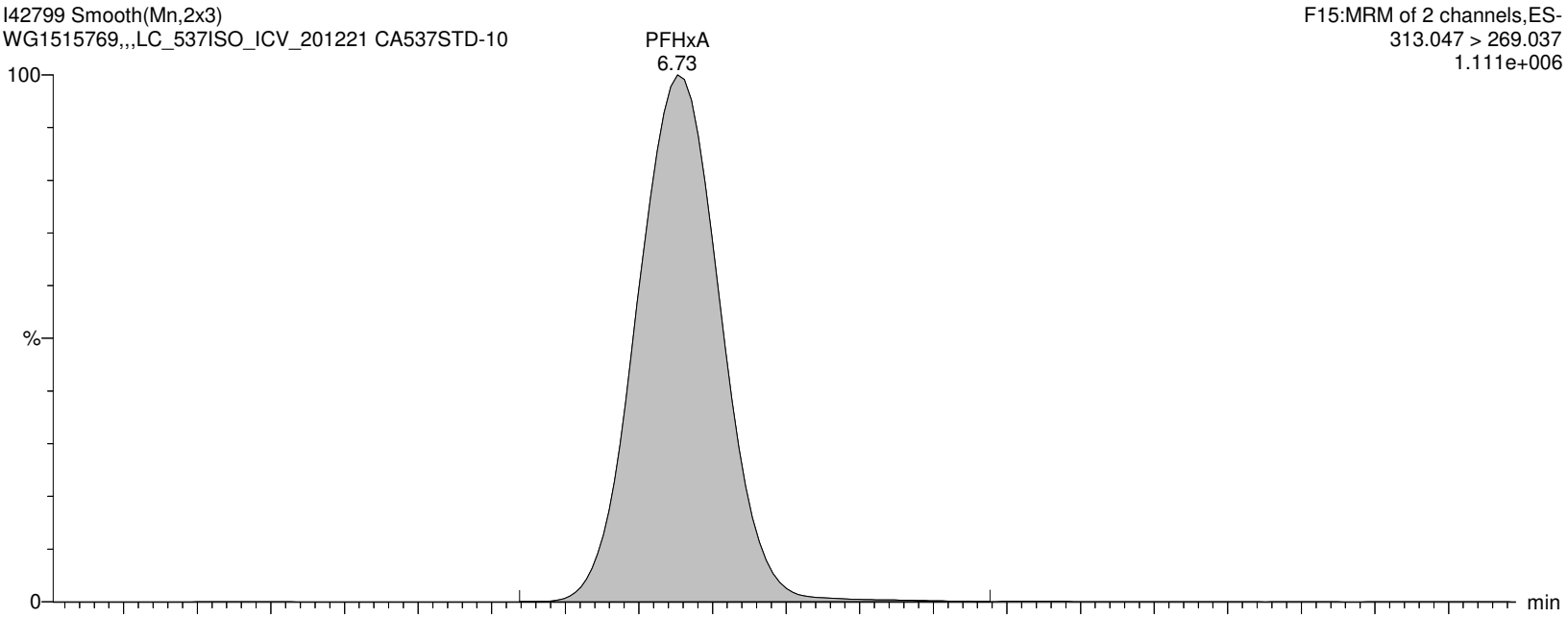


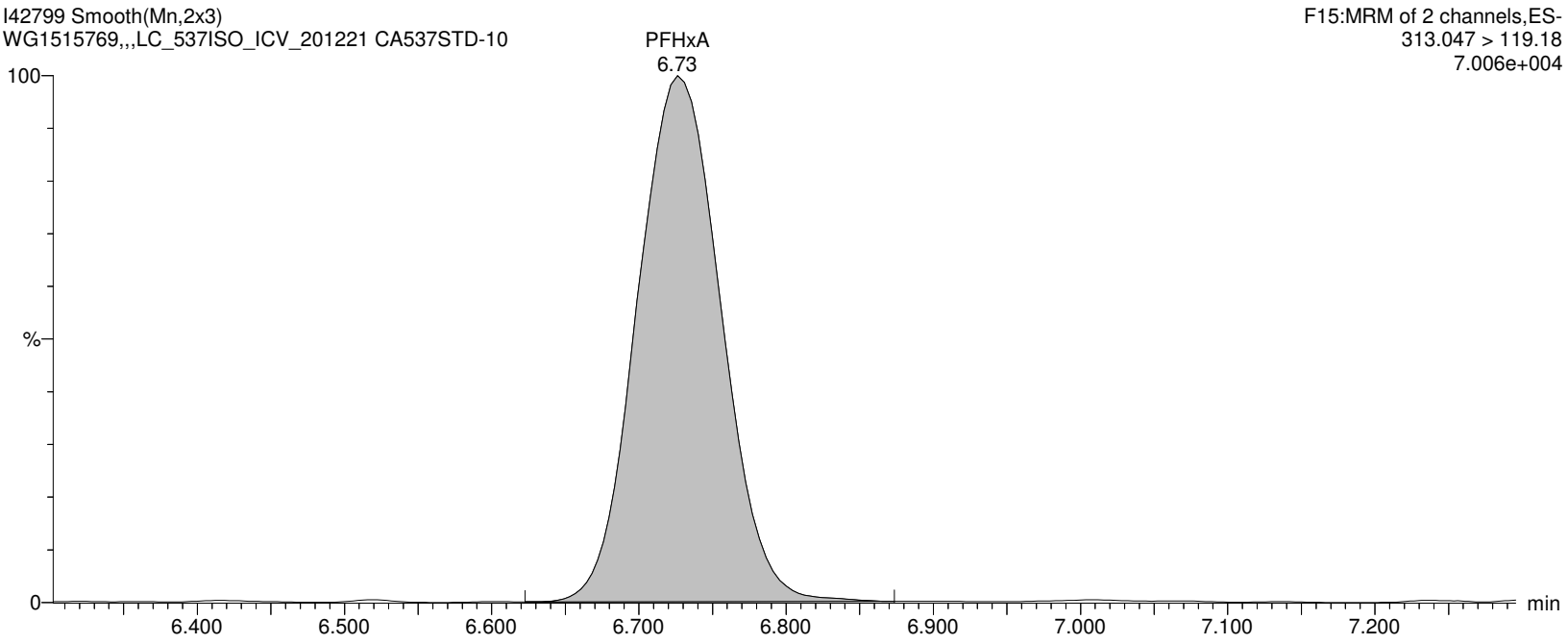
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxA



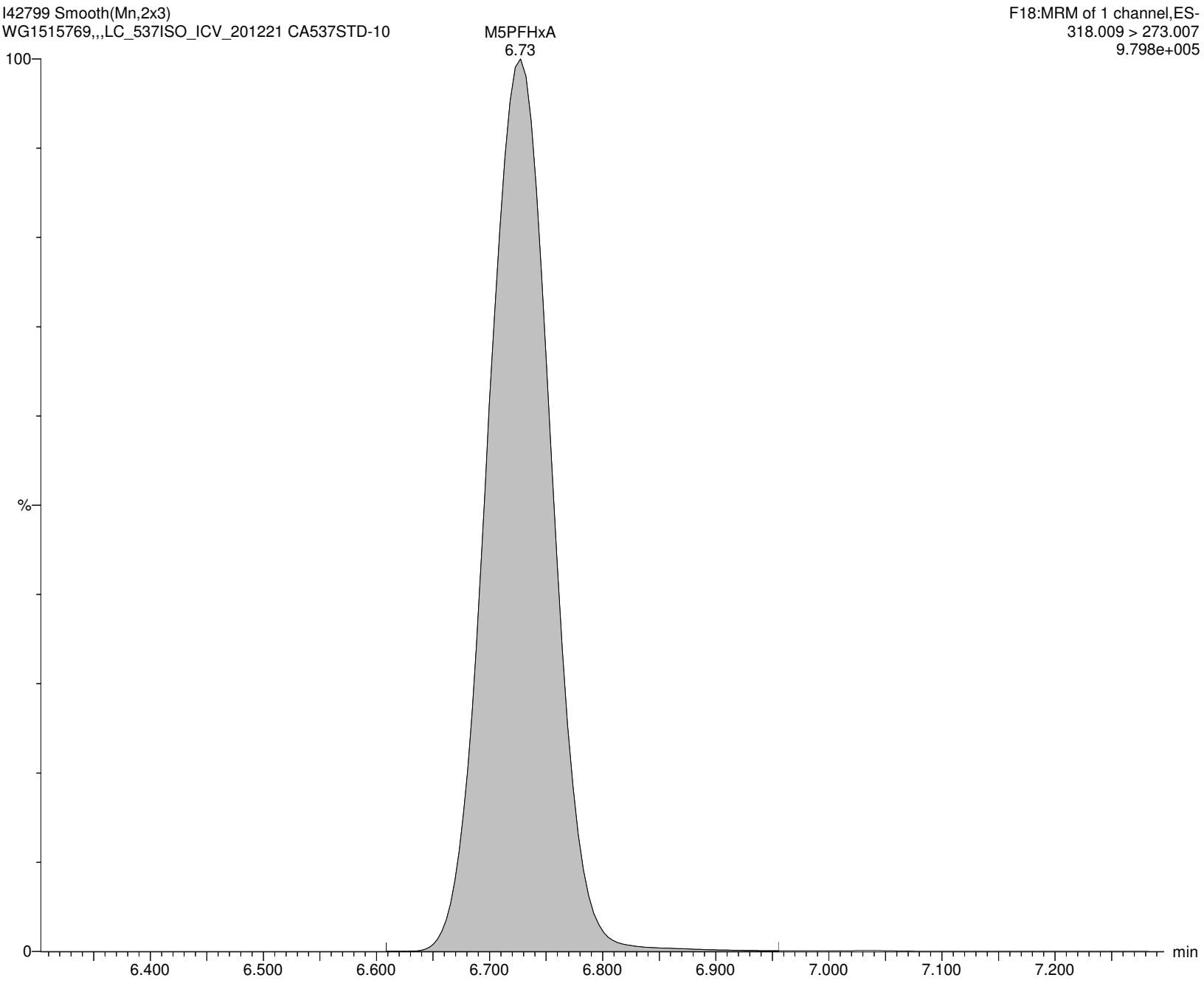


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFHxA

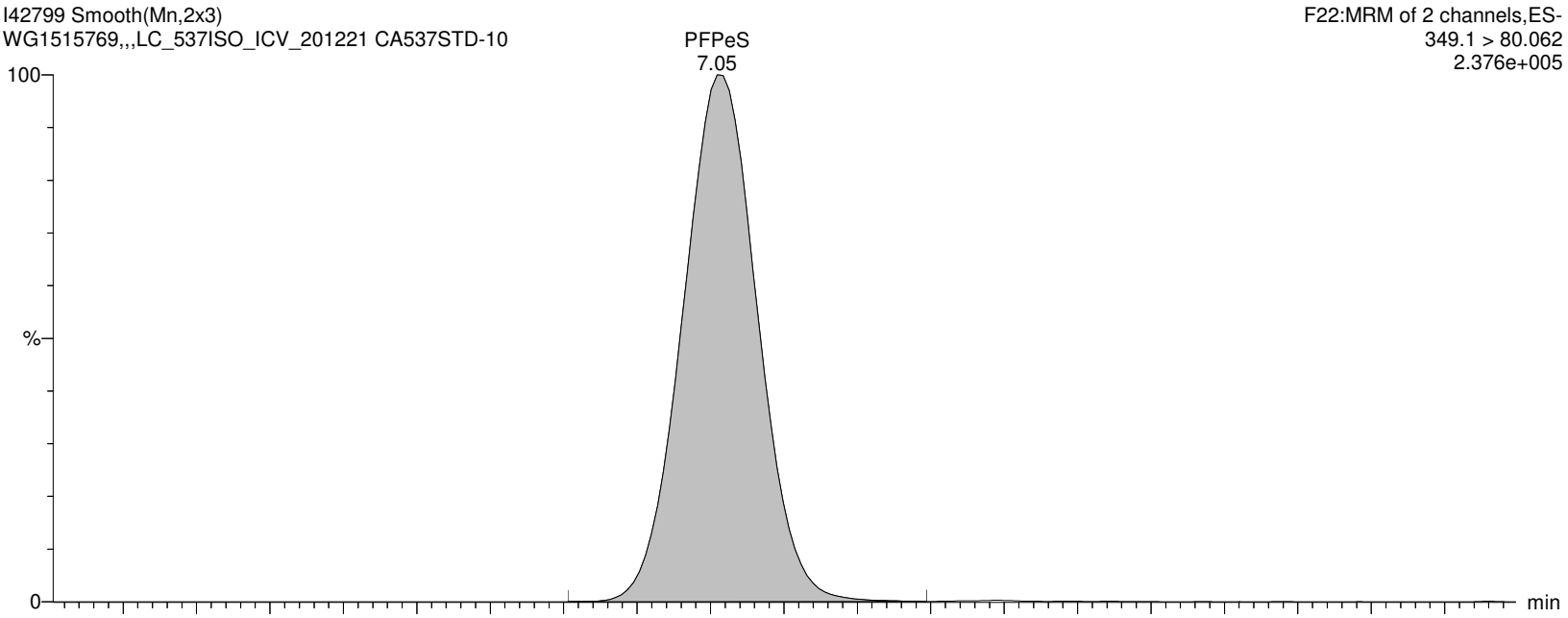


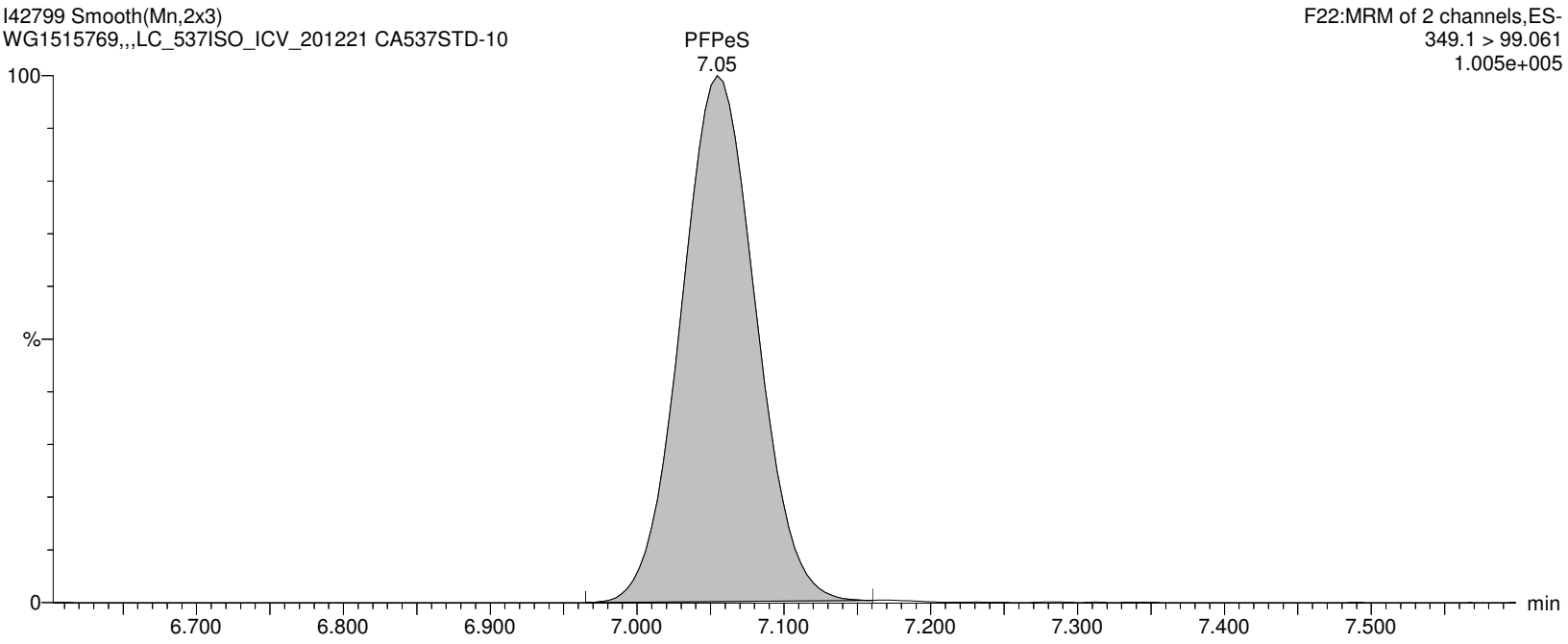
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeS



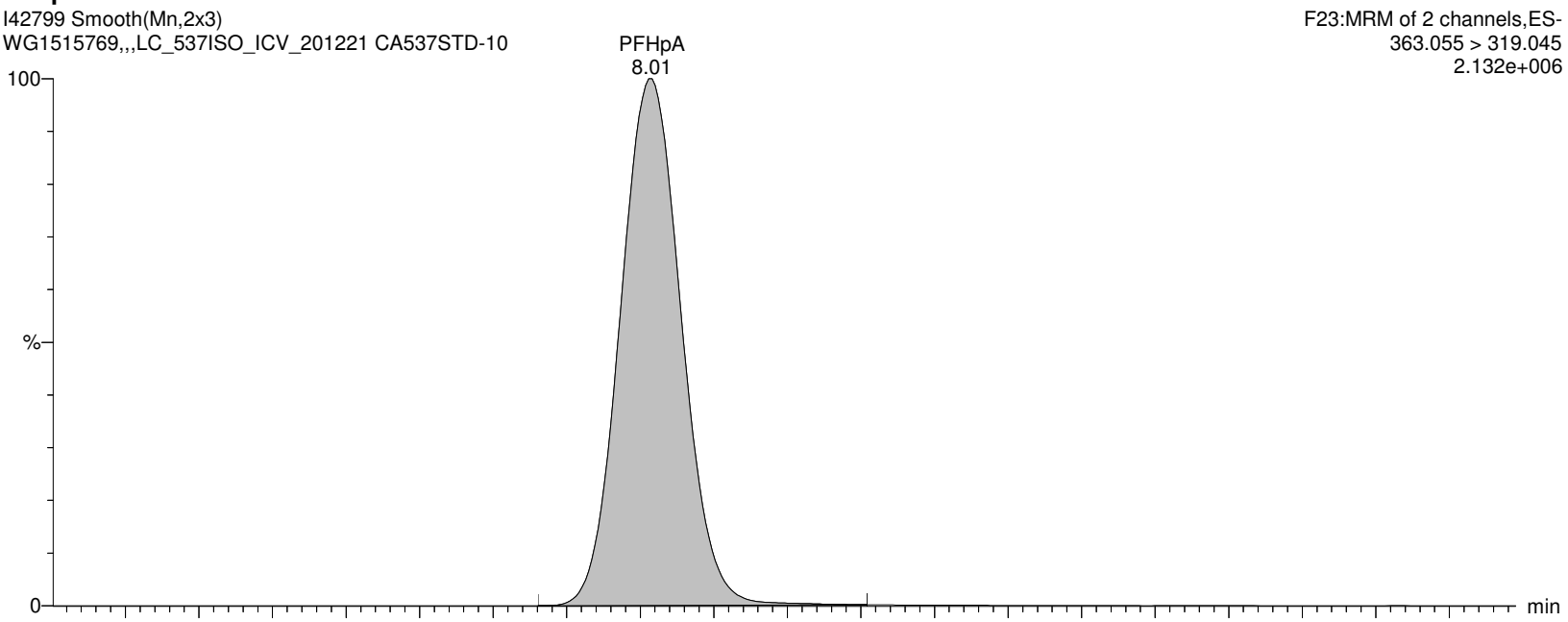


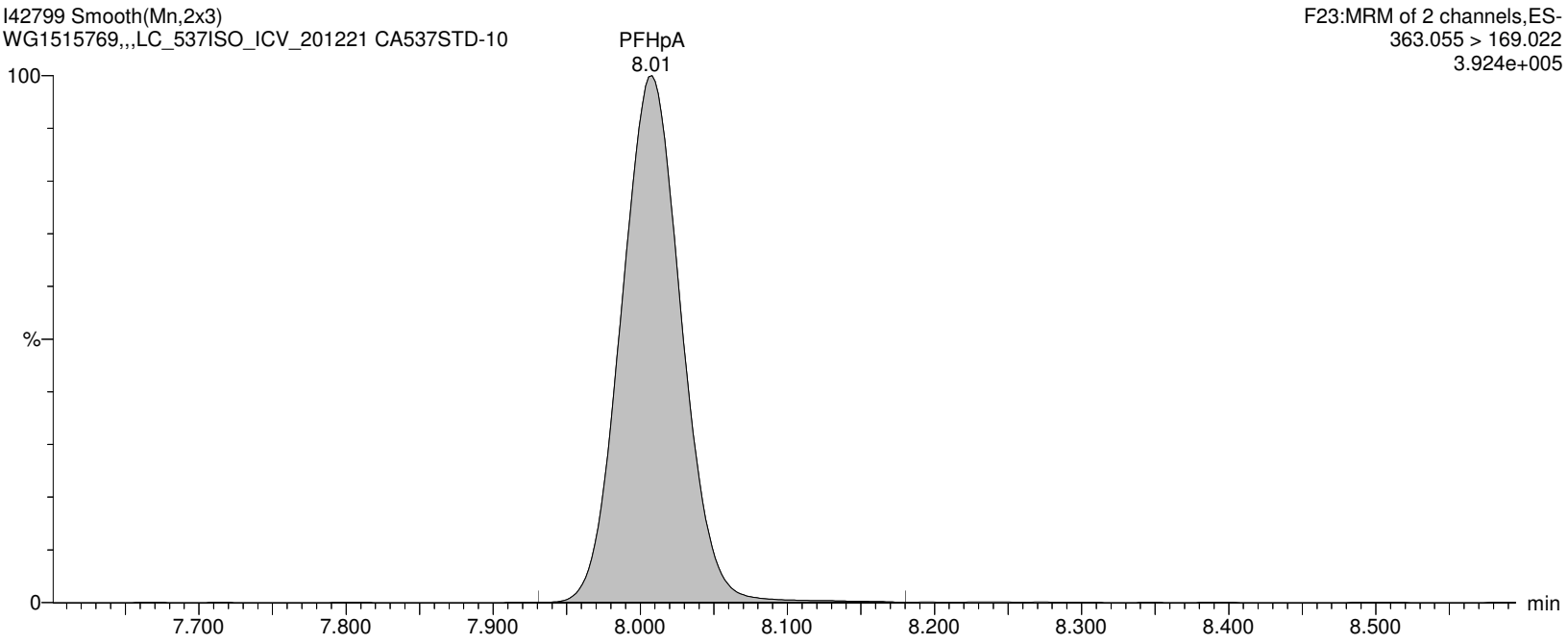
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpA



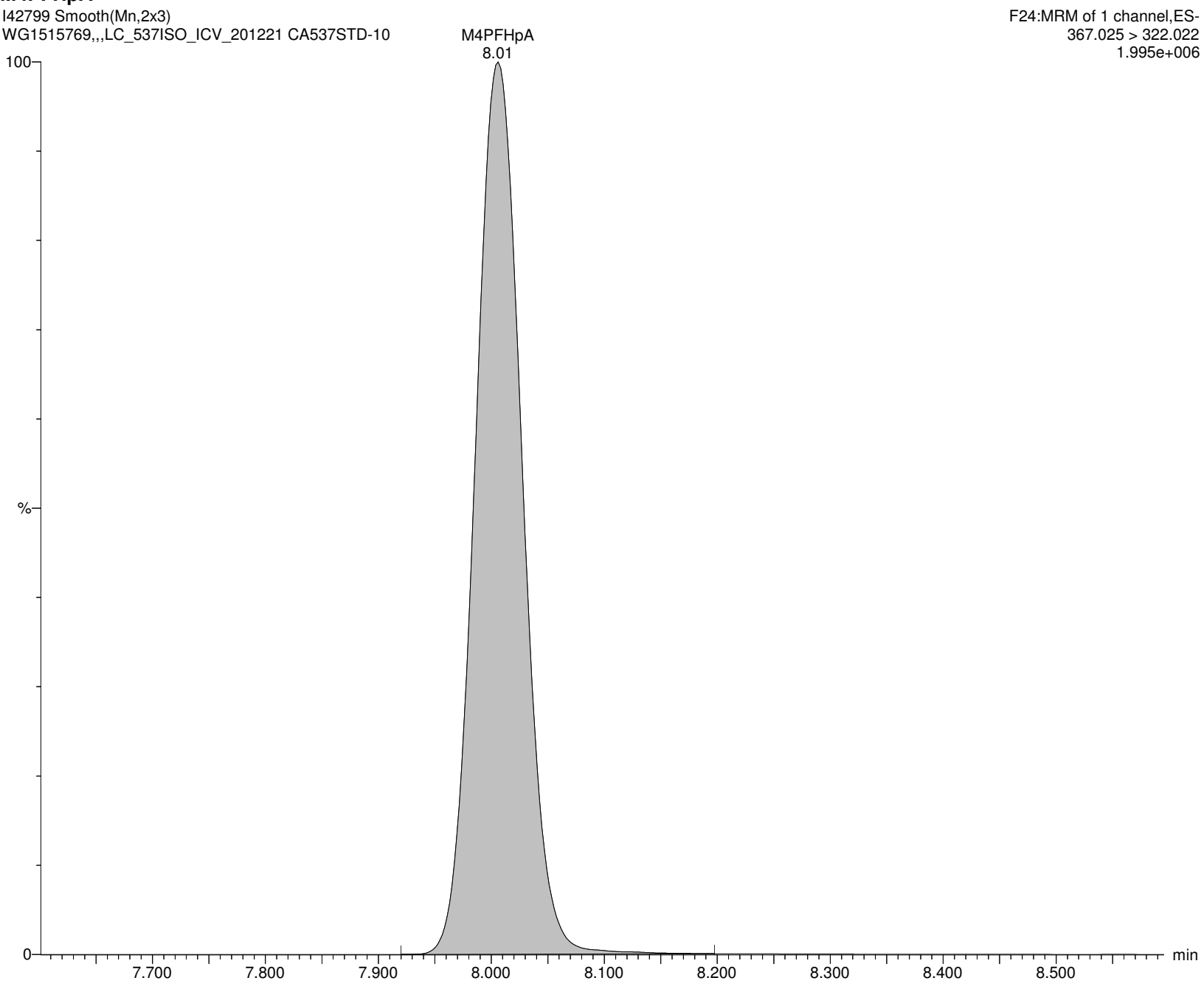


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFHpA

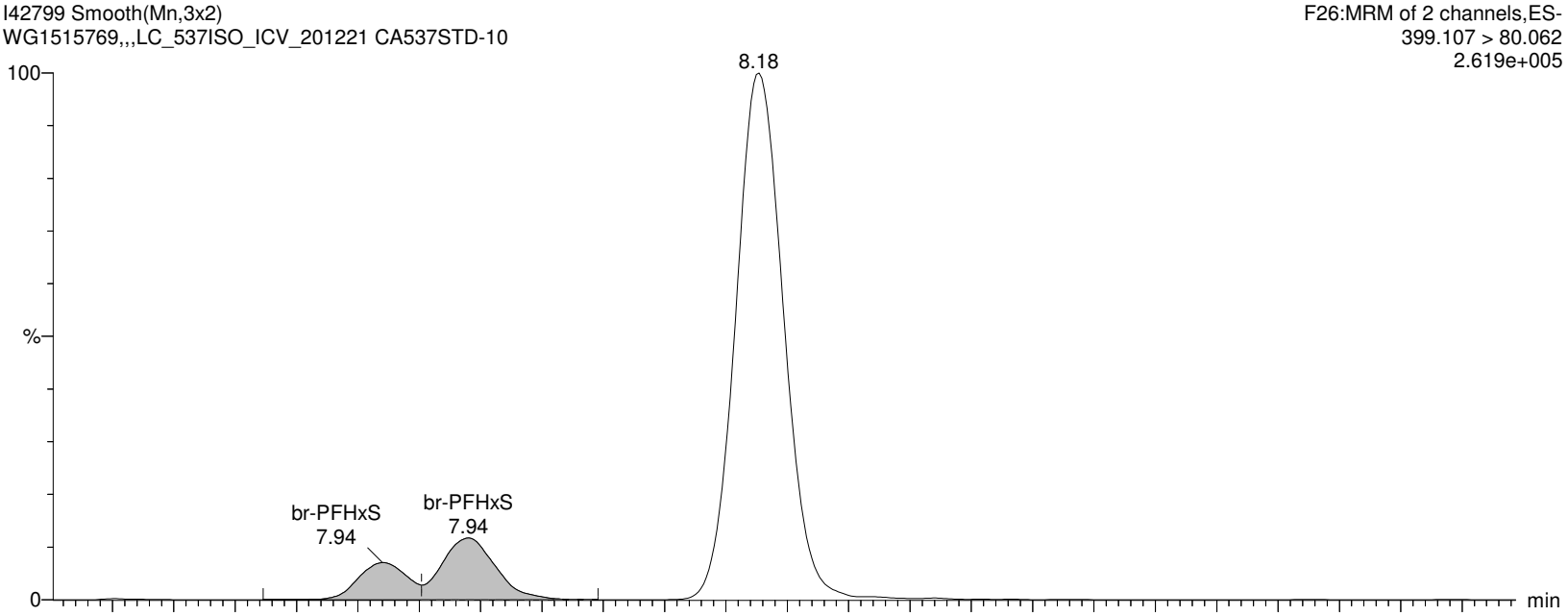


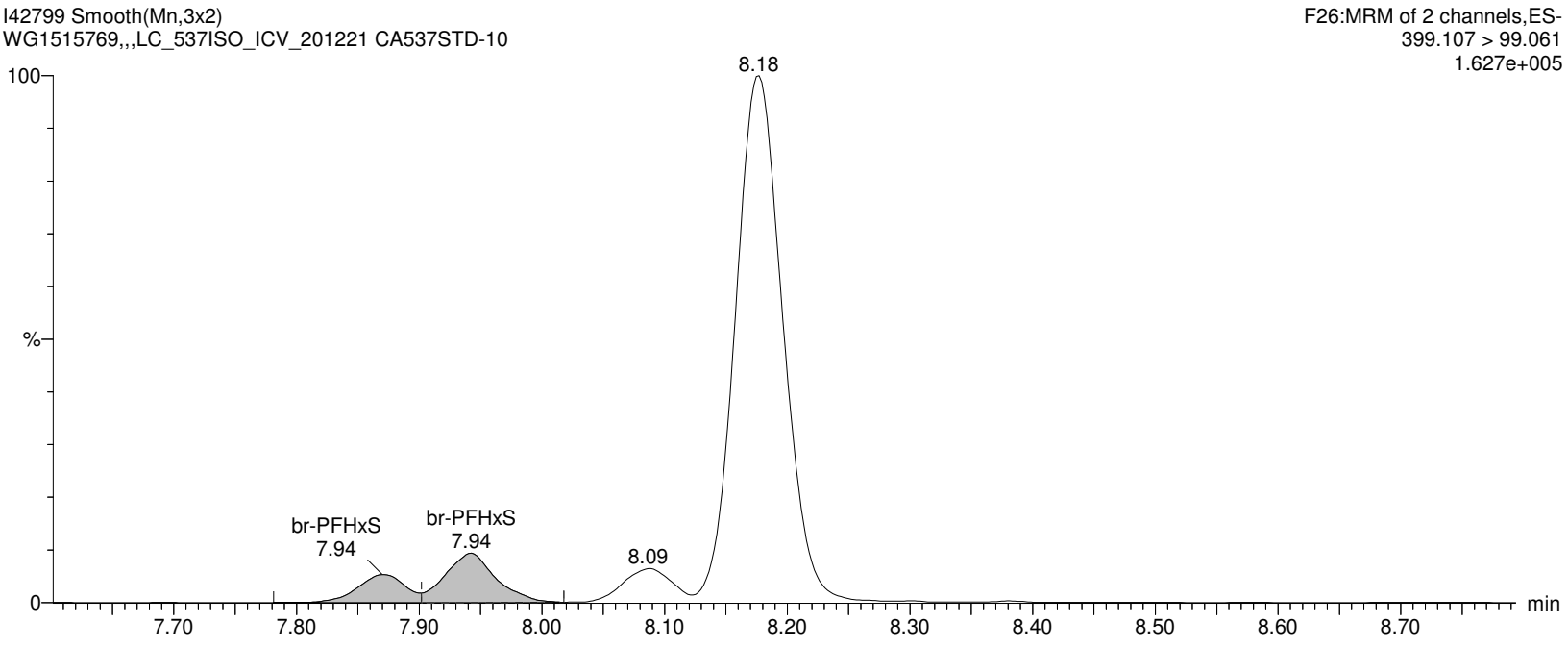
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFHxS



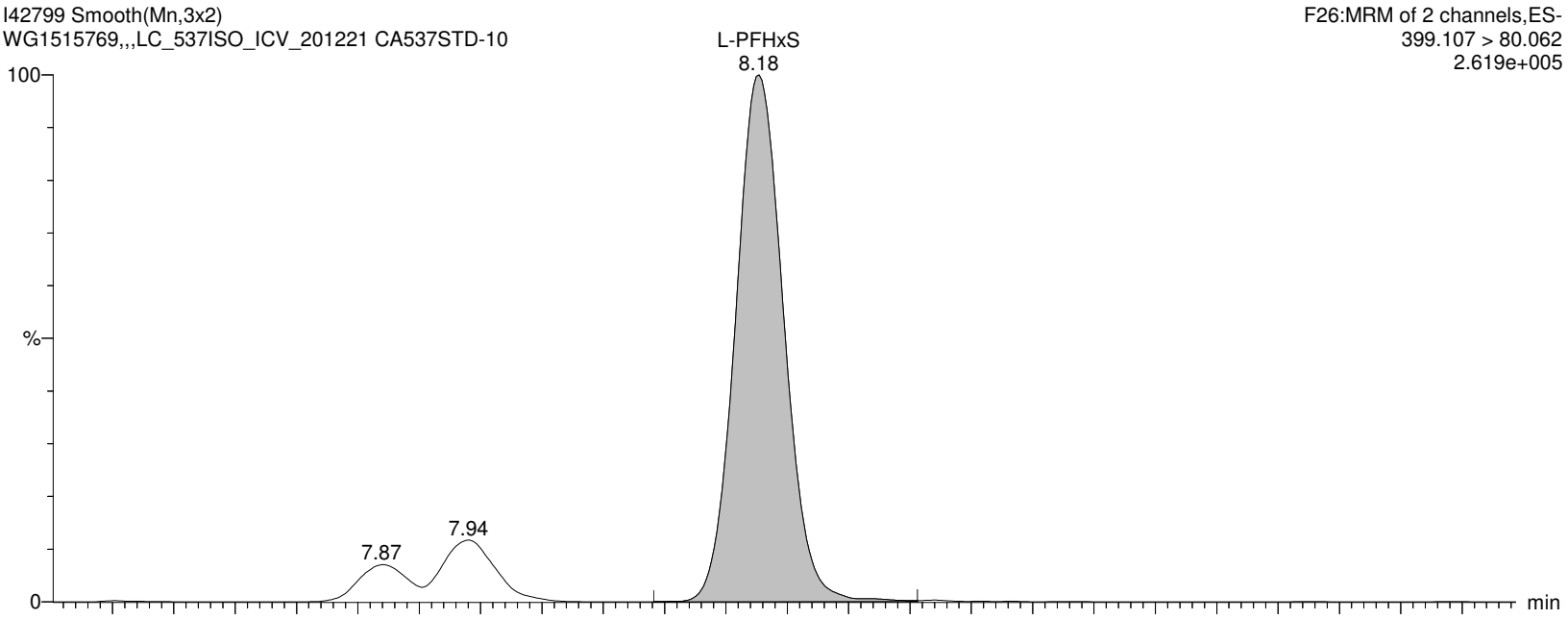


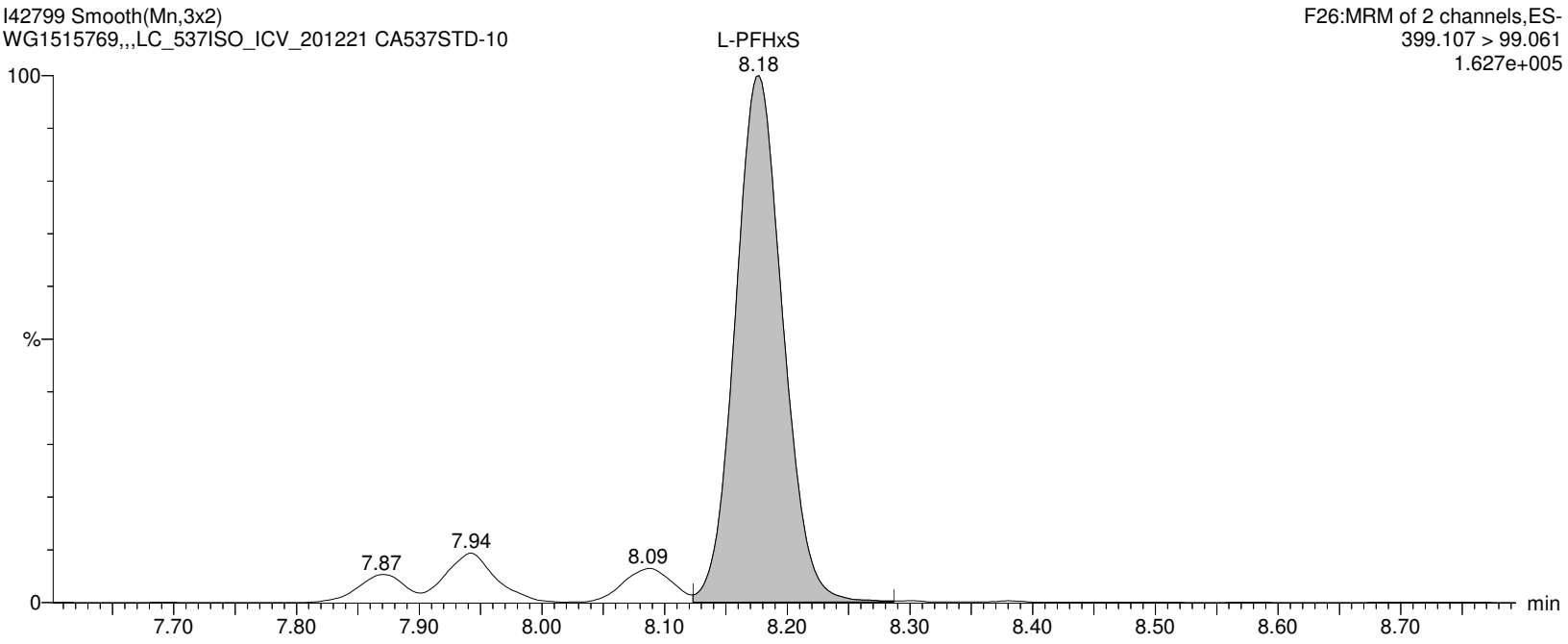
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFHxS



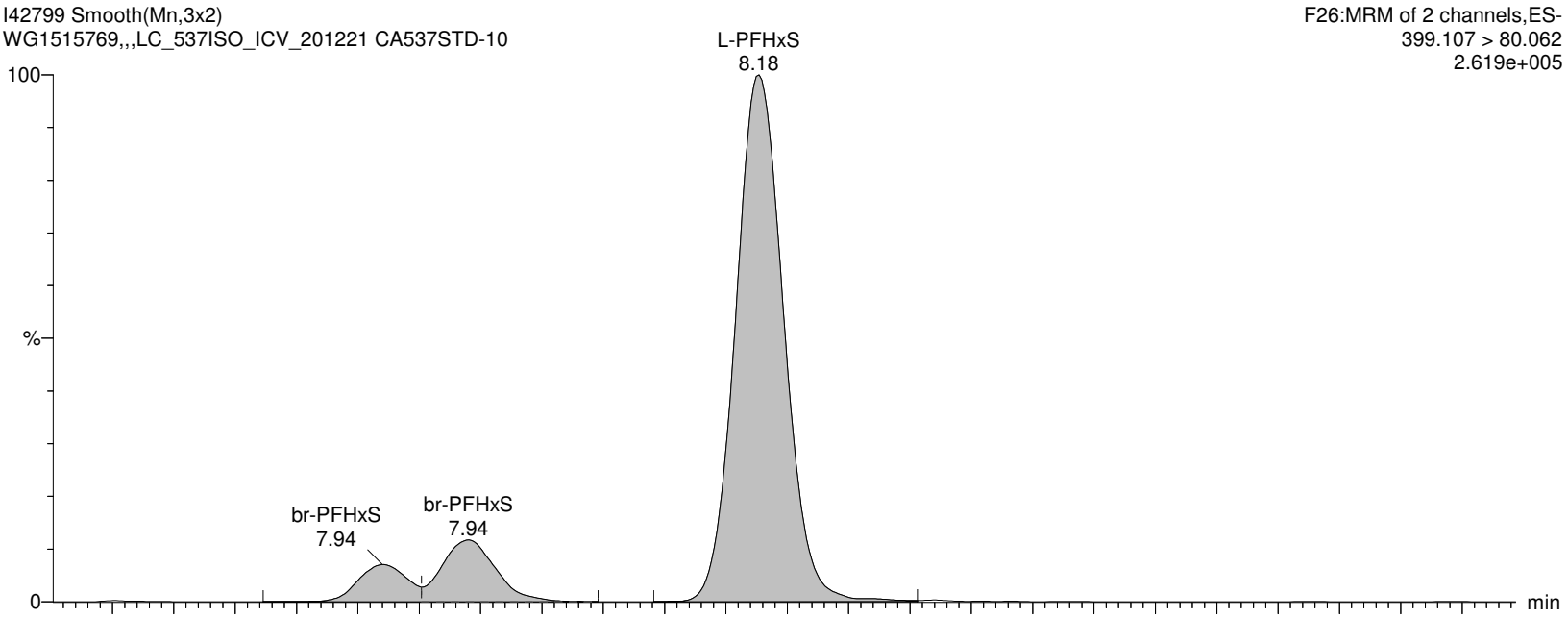


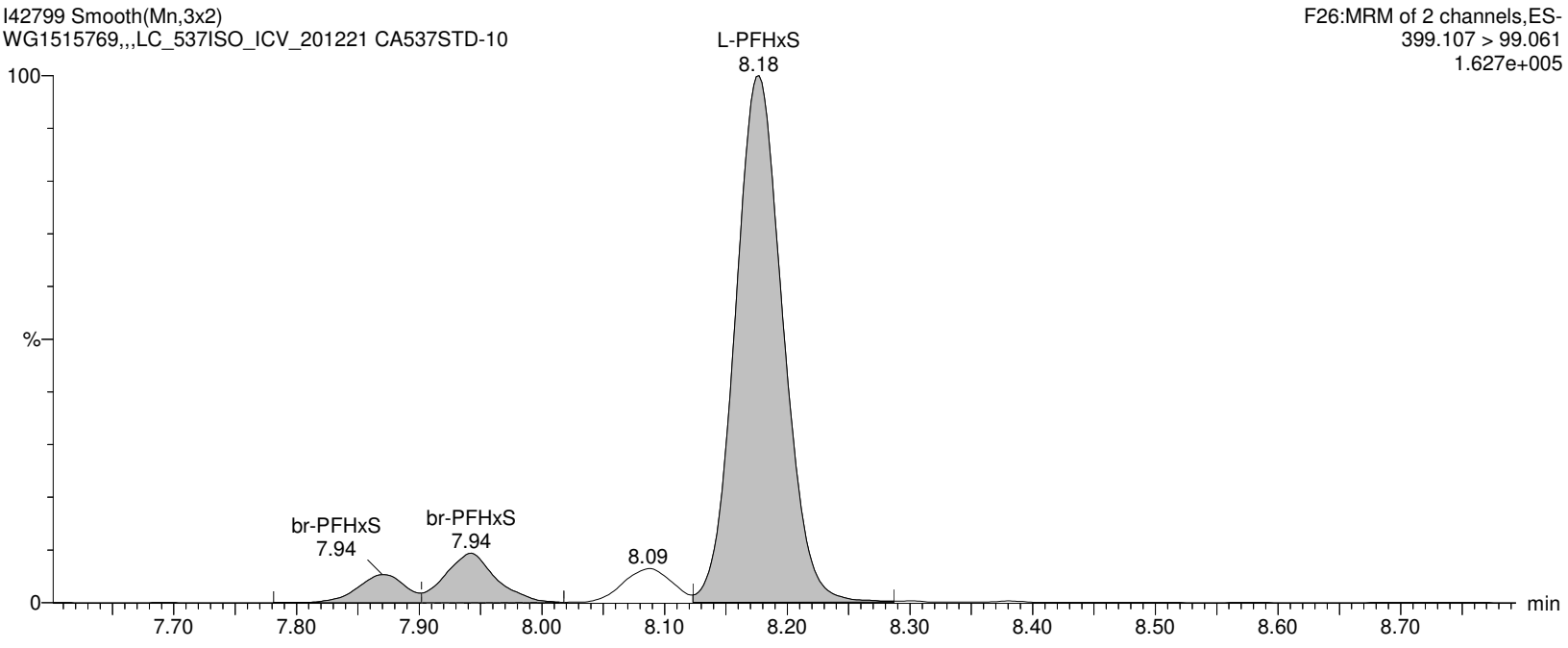
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxS



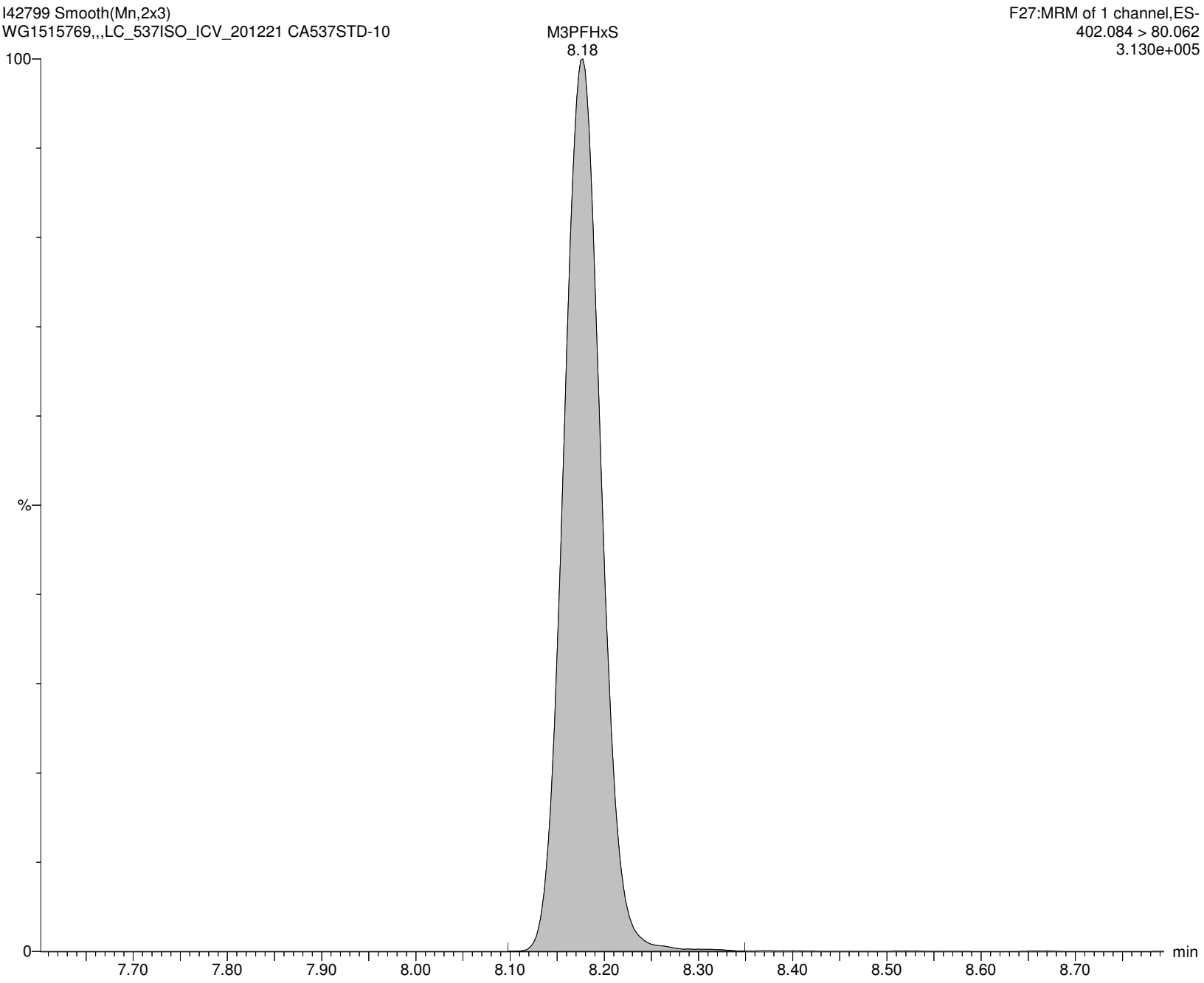


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFHxS

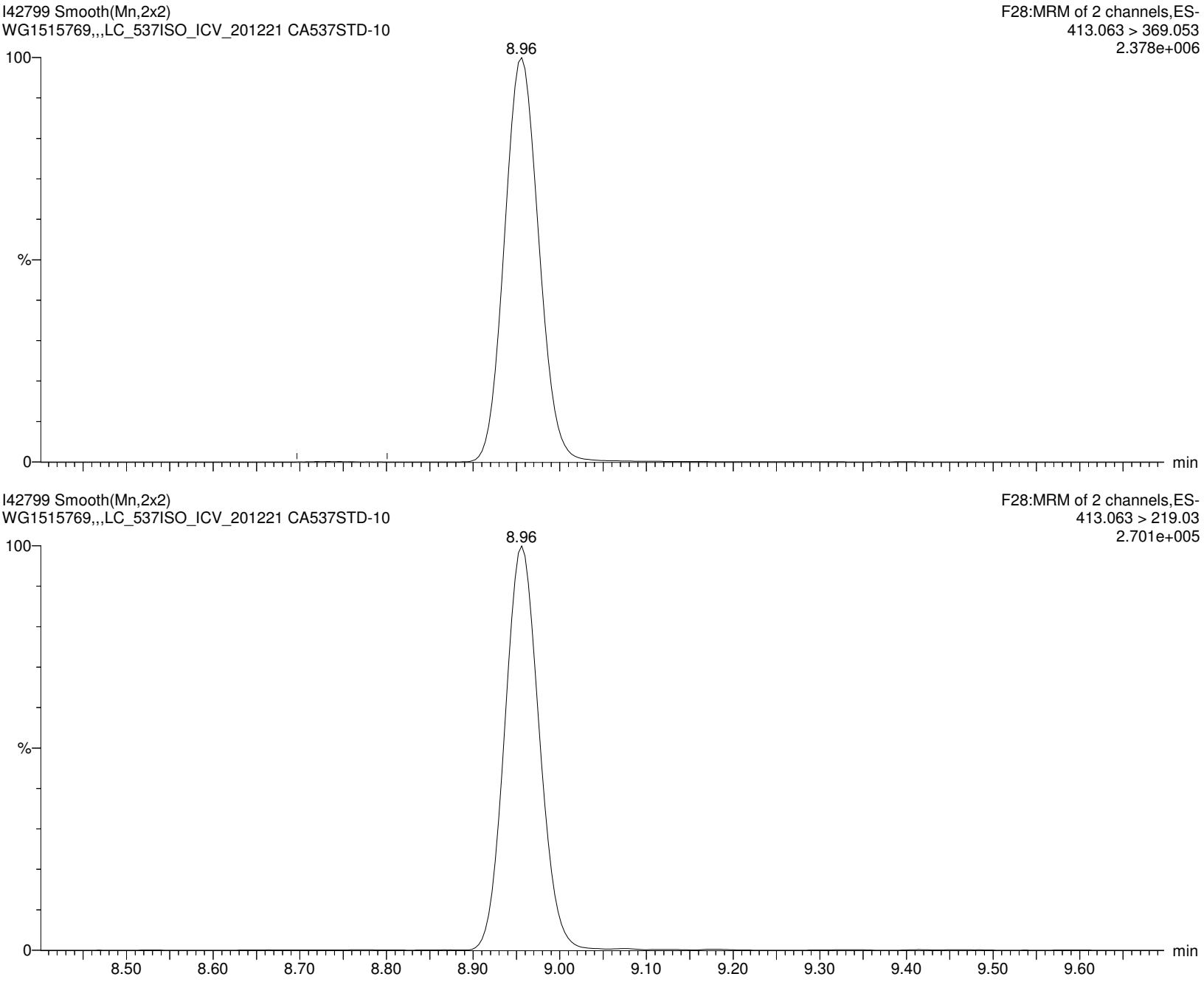


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOA

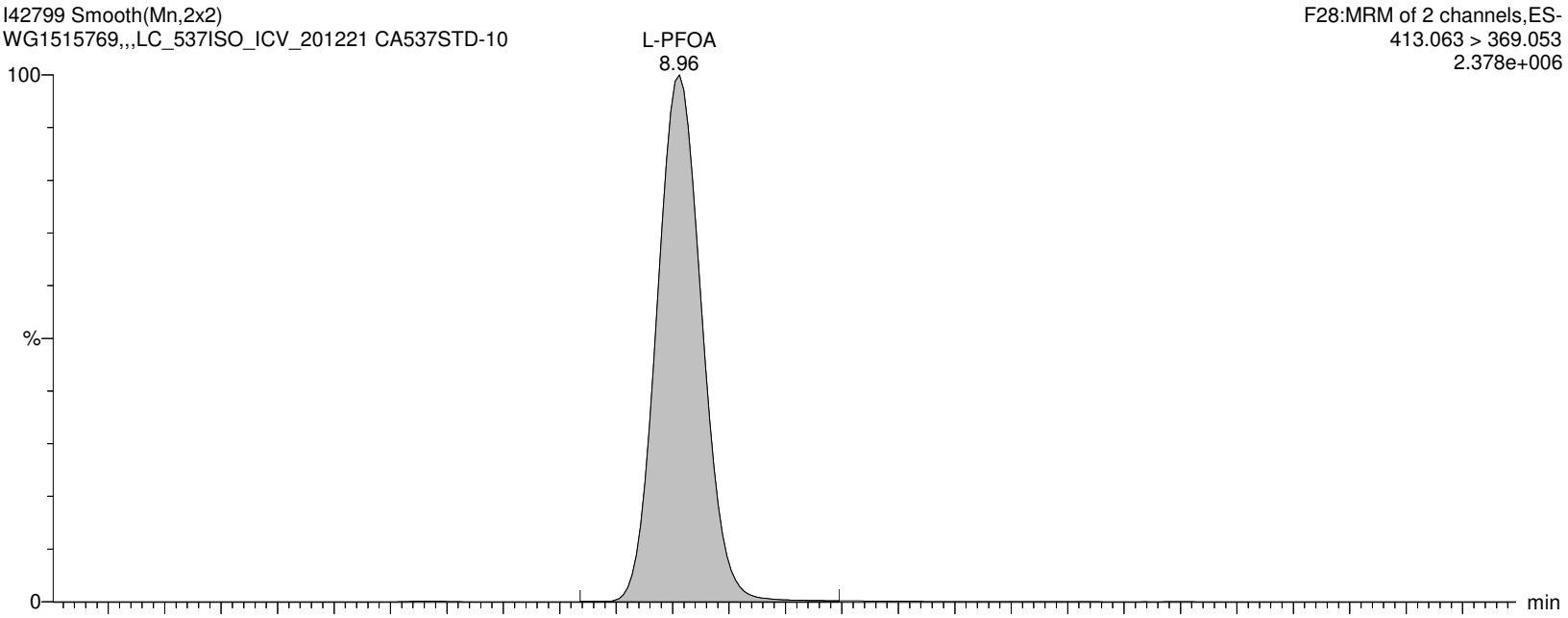


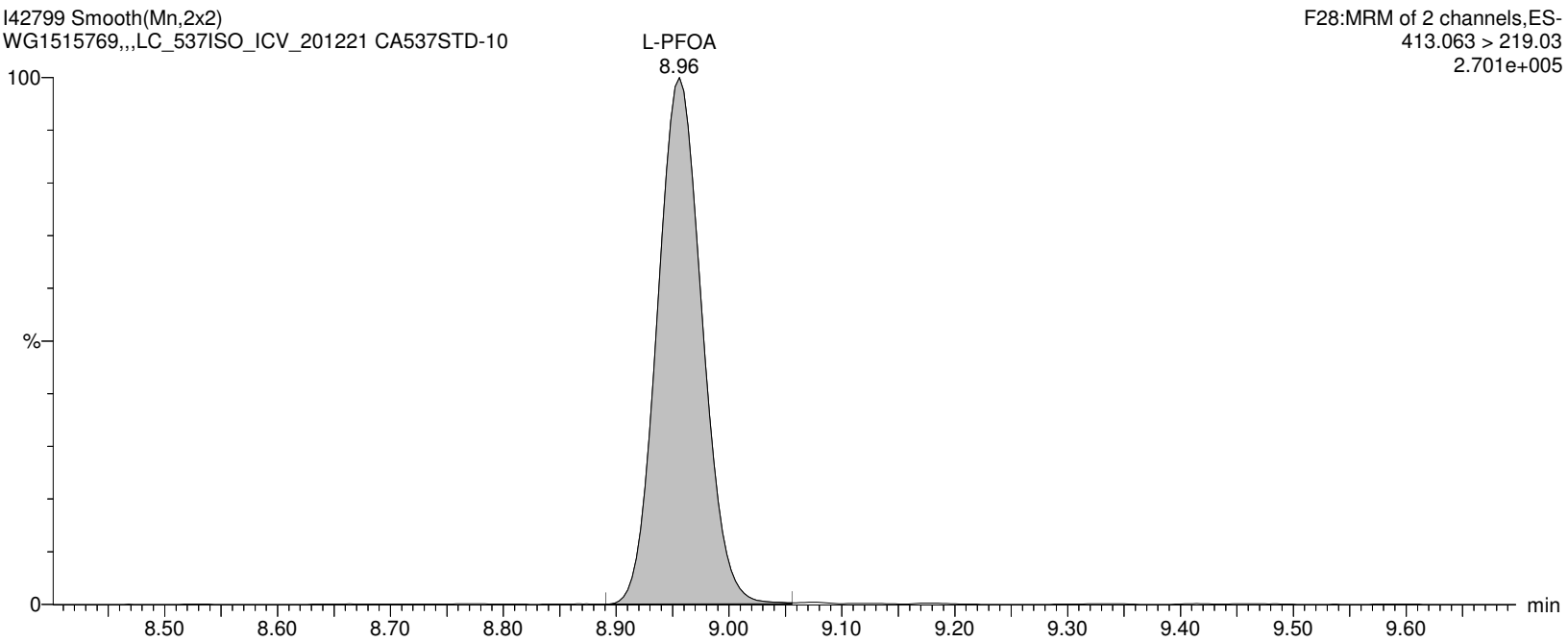
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOA



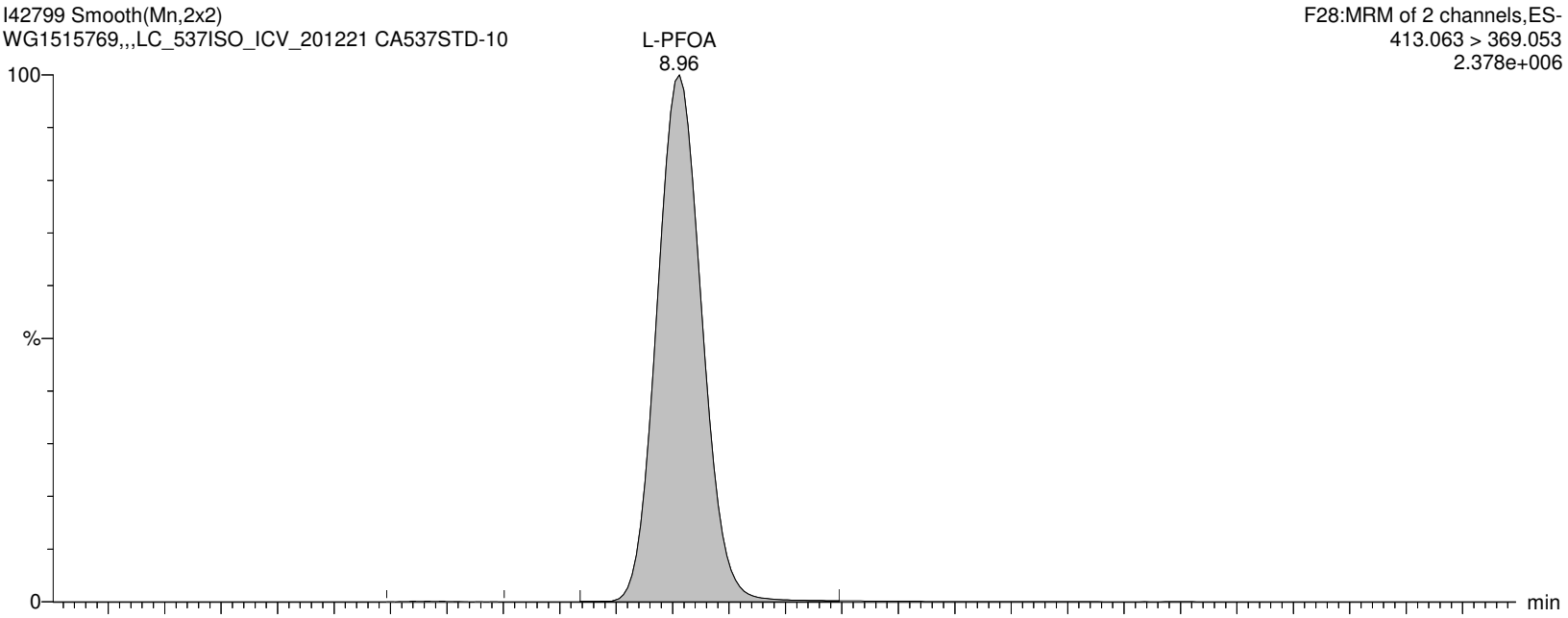


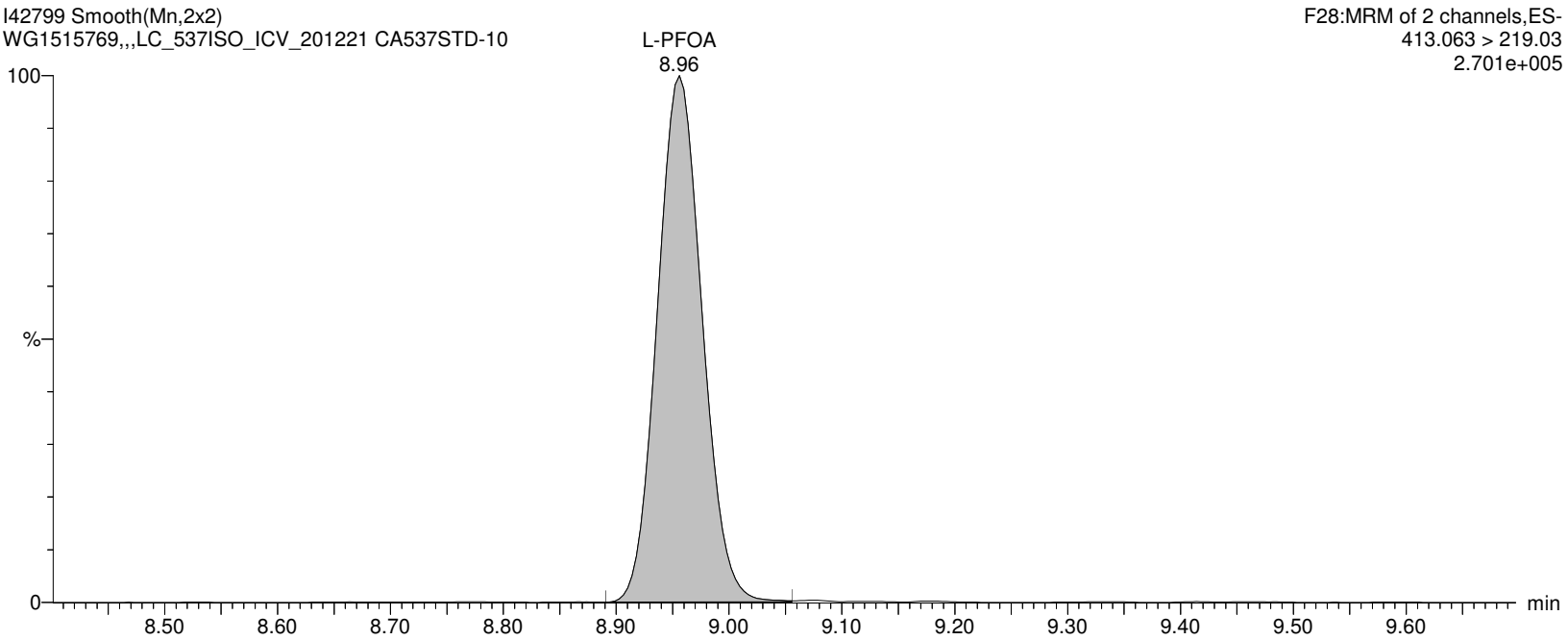
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOA



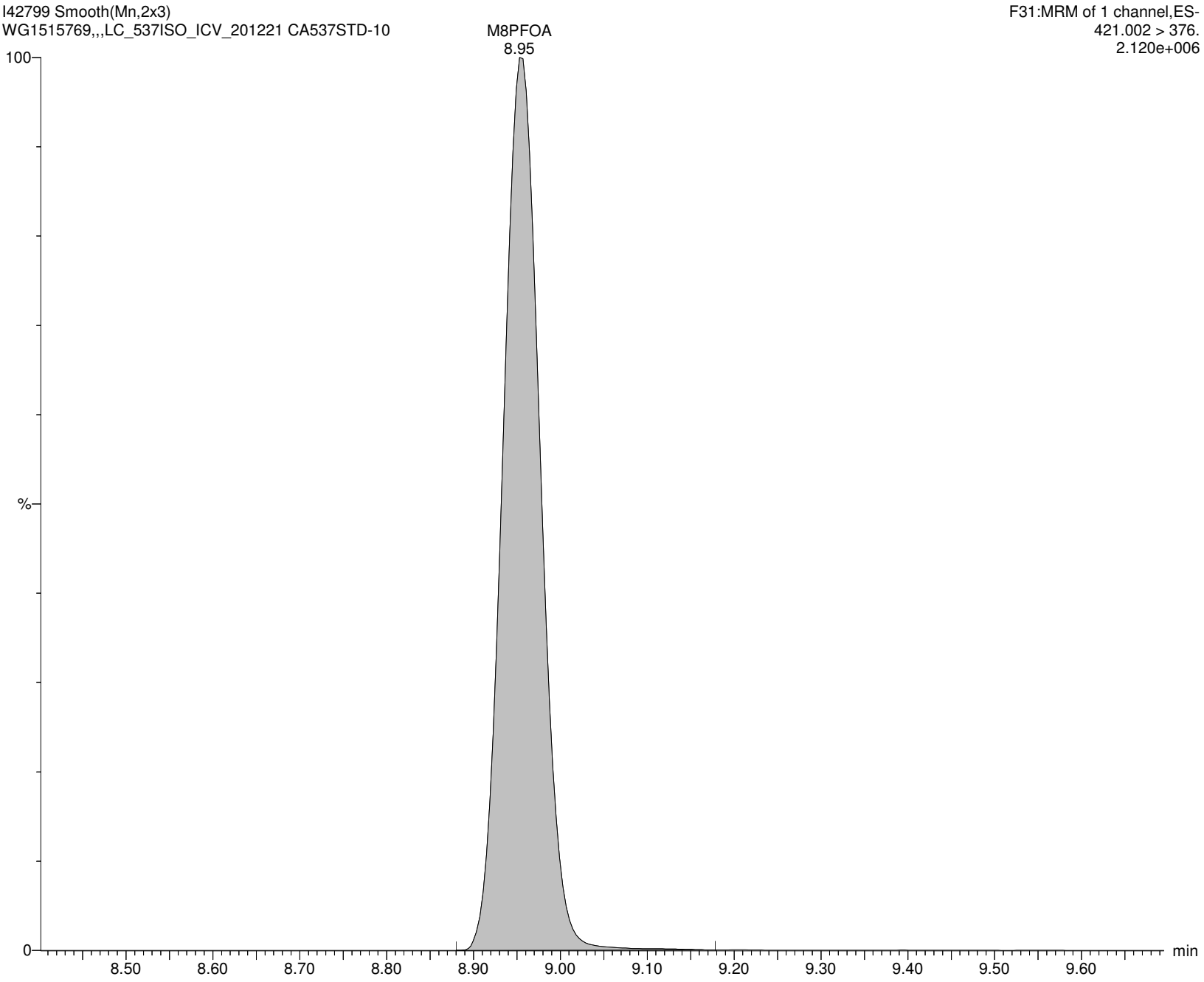


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOA

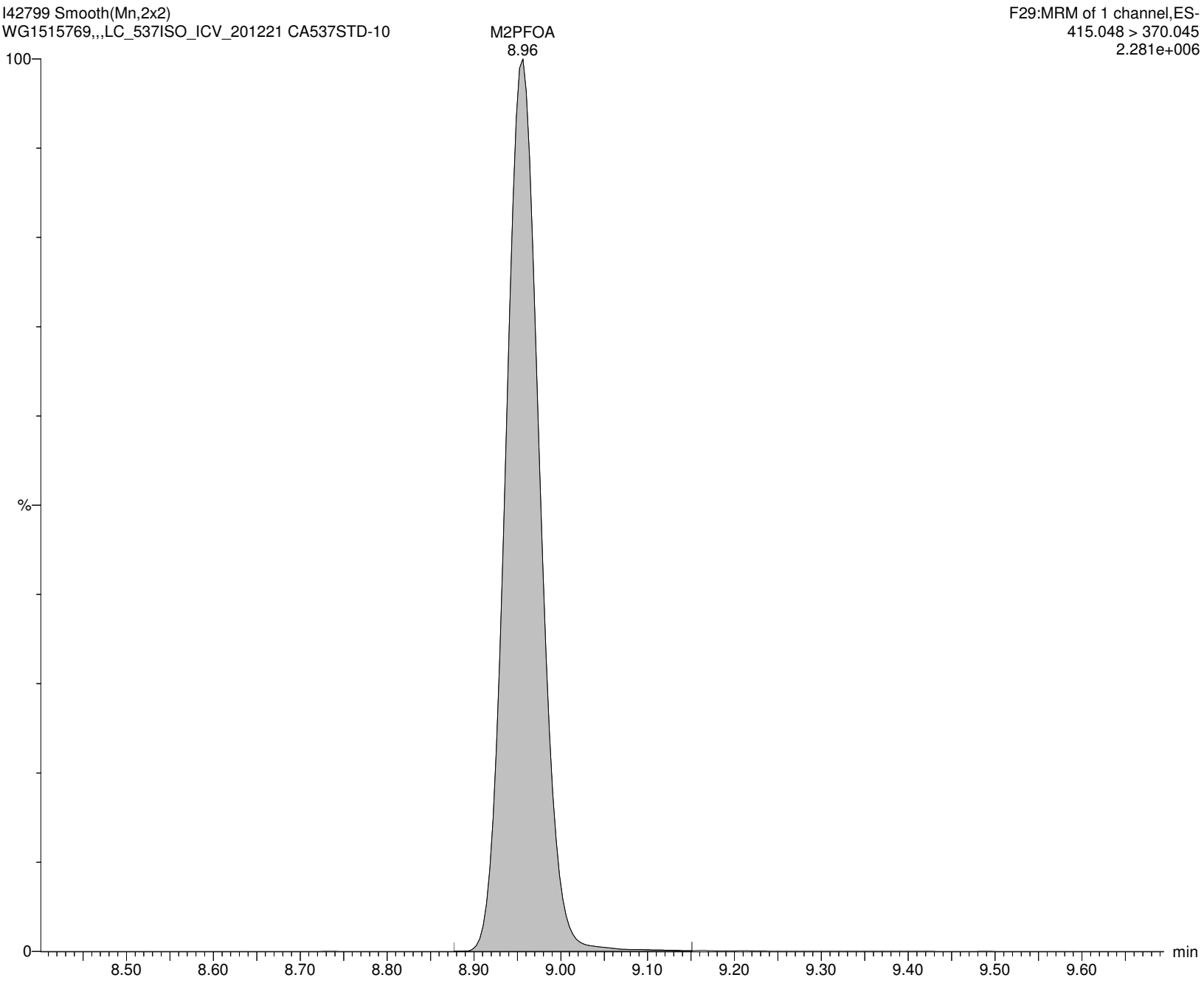


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFOA

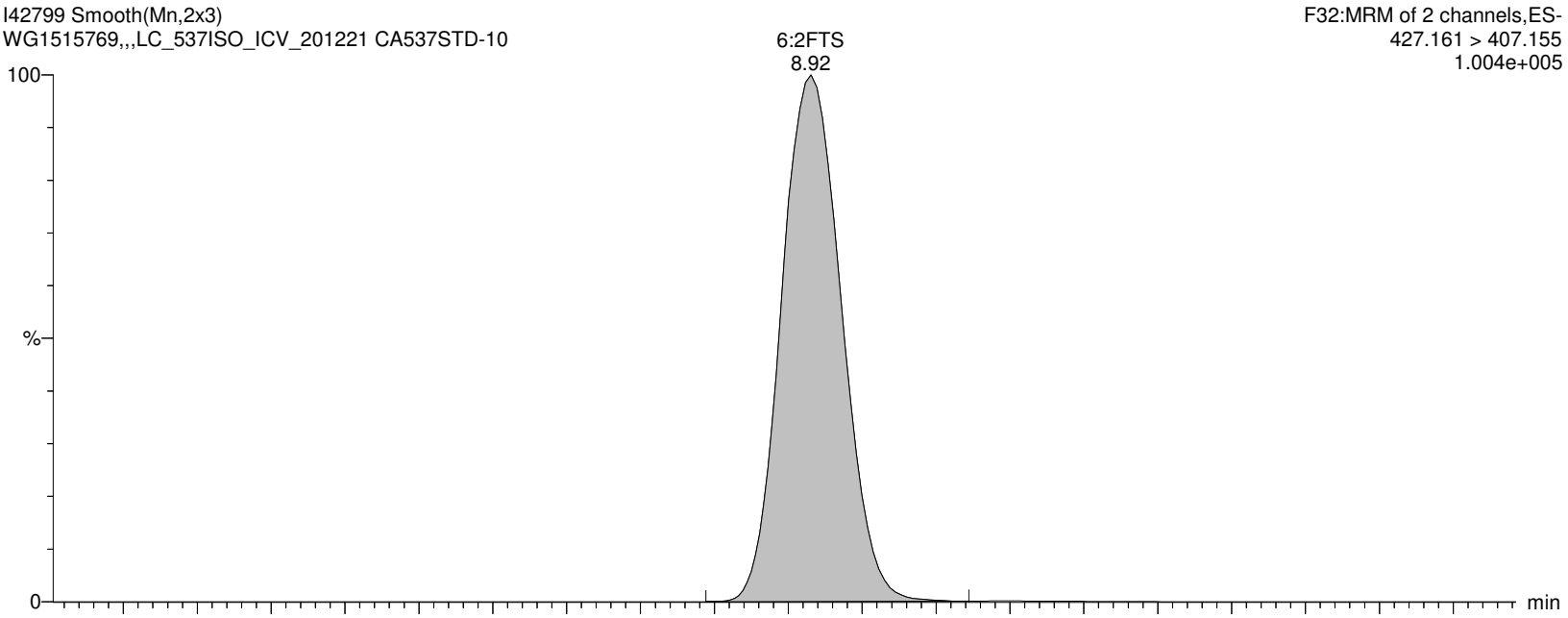


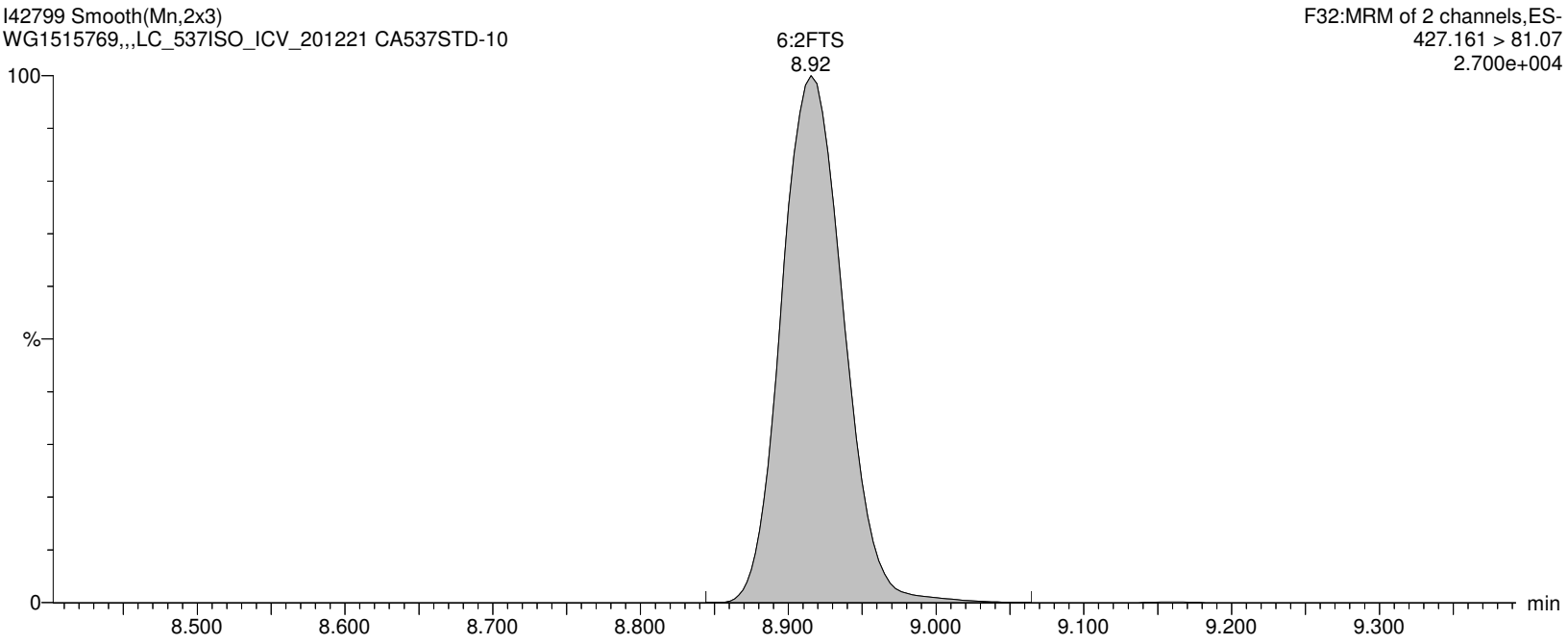
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

6:2FTS



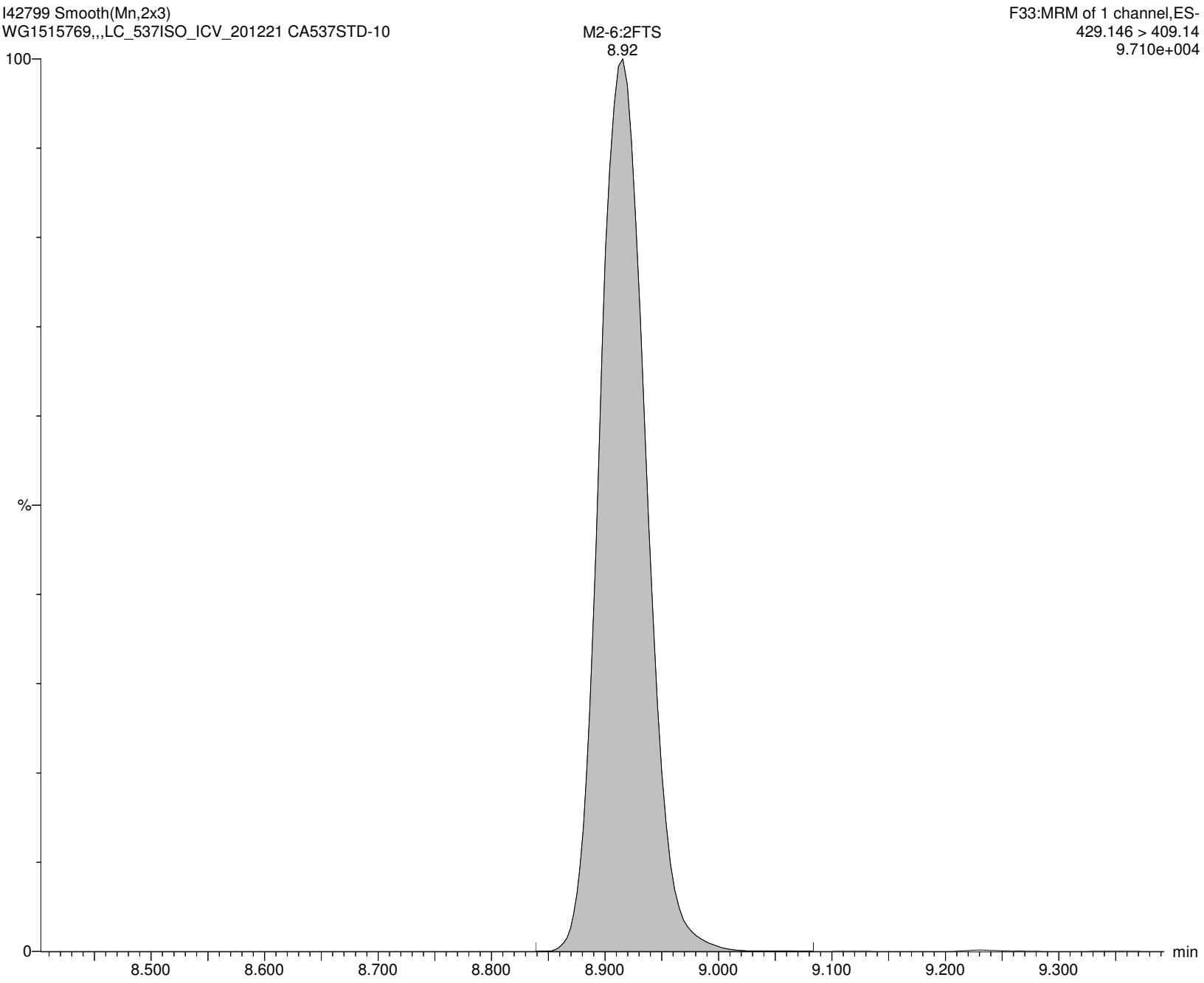


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-6:2FTS

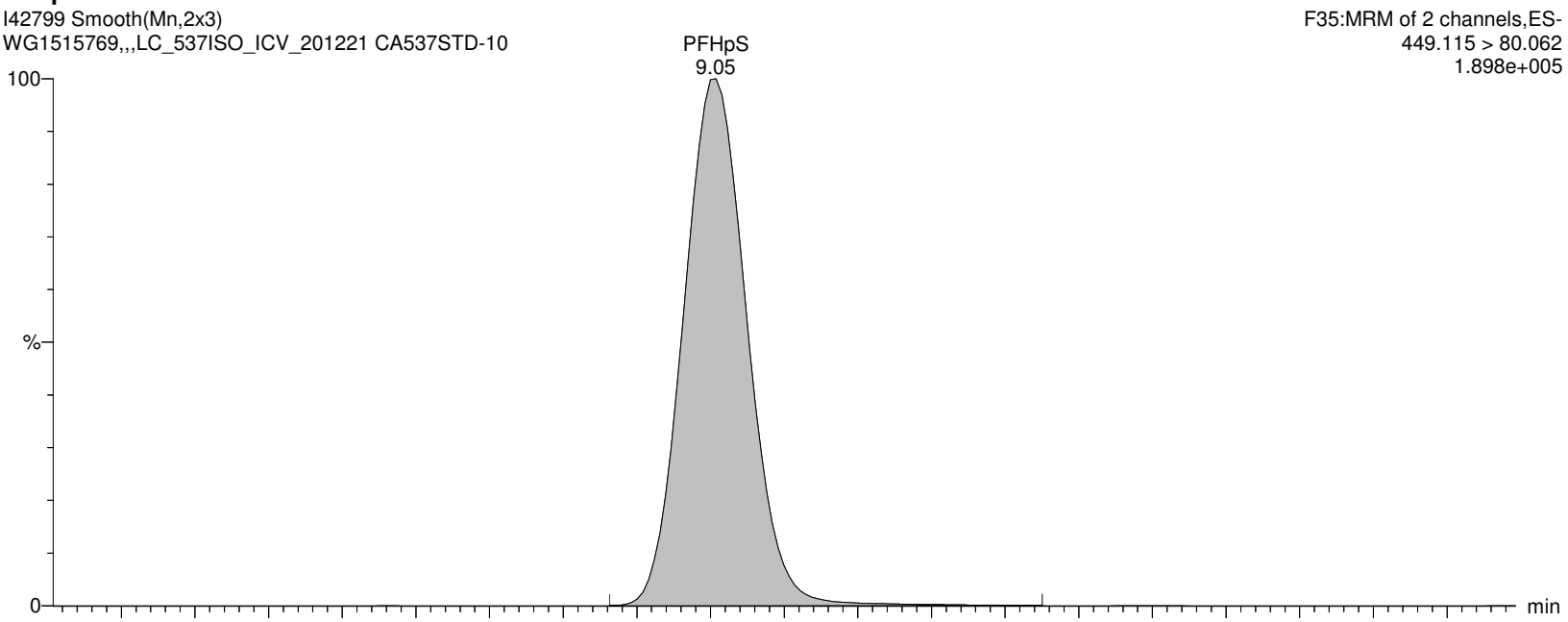


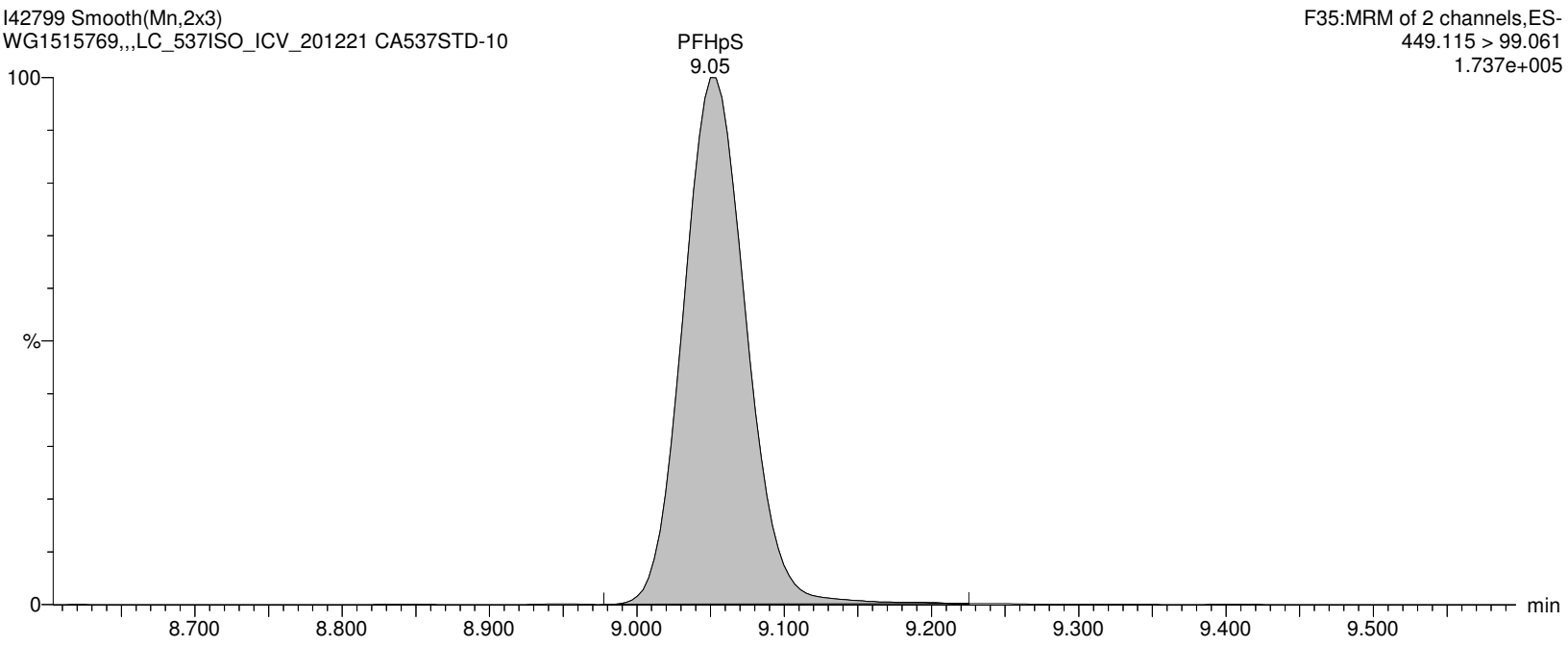
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpS



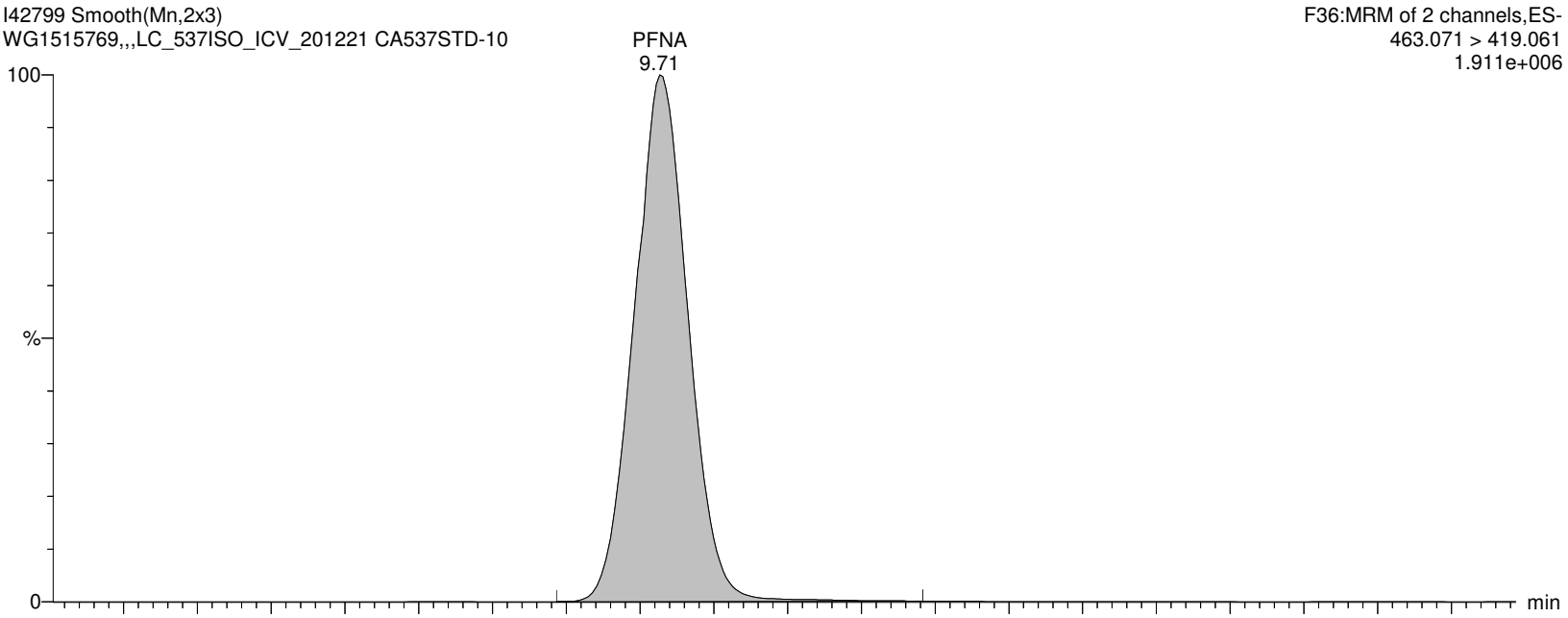


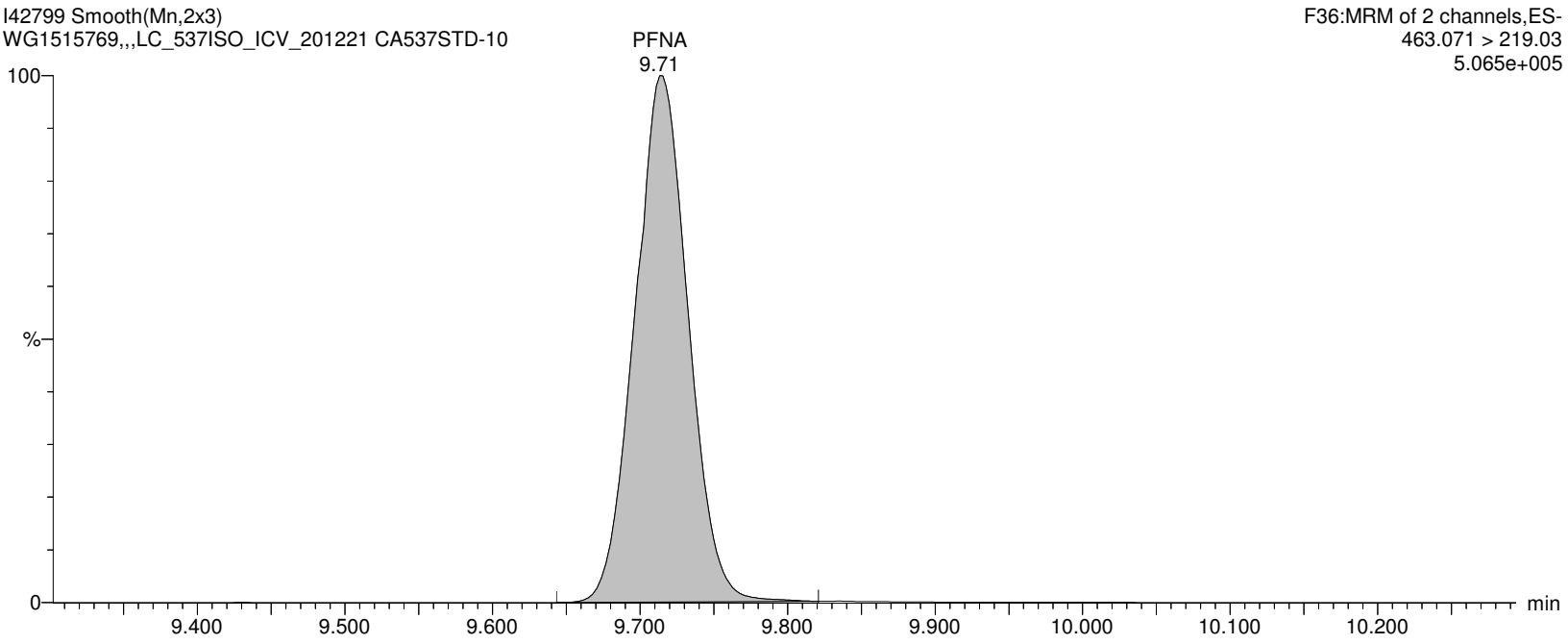
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNA



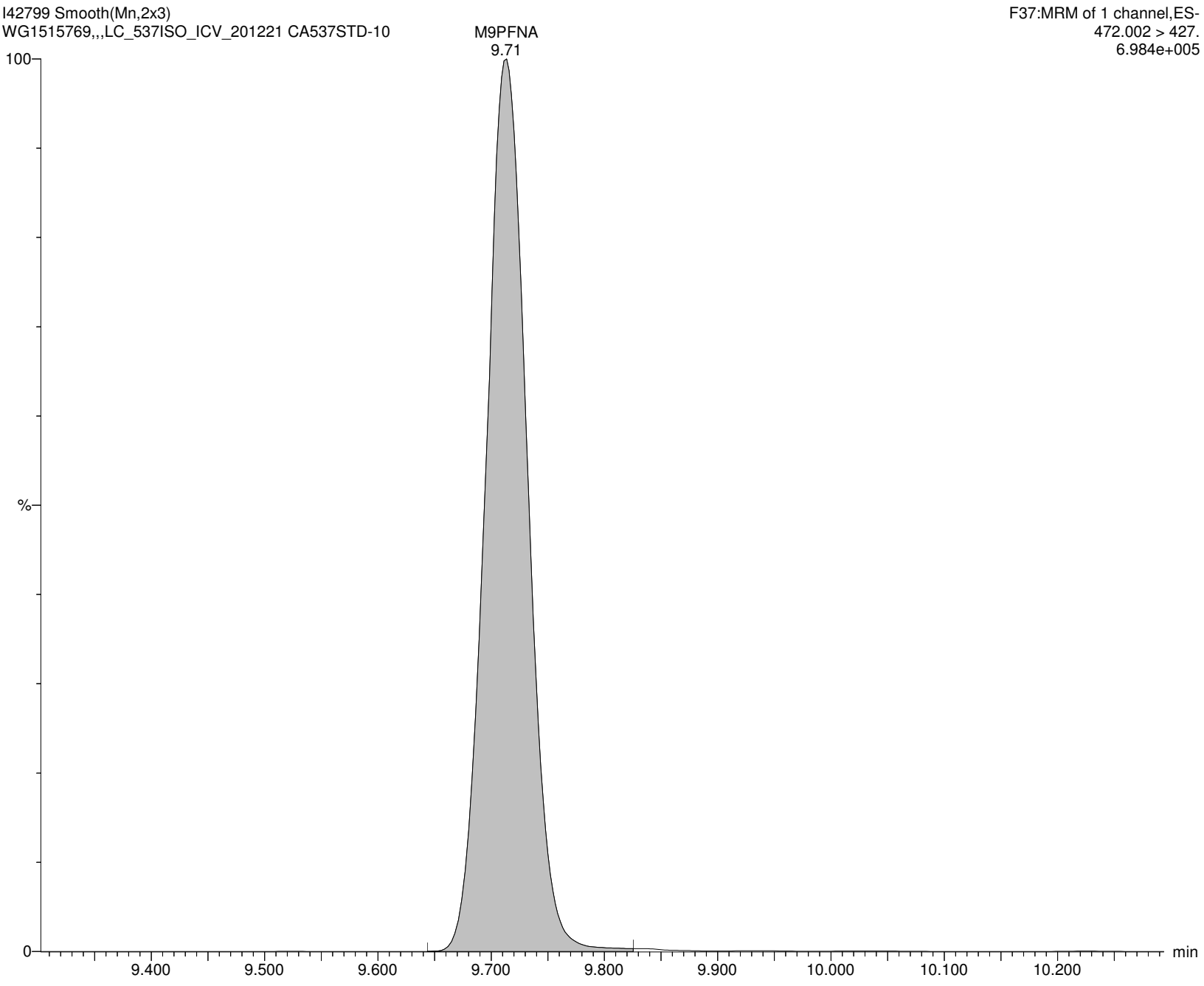


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M9PFNA

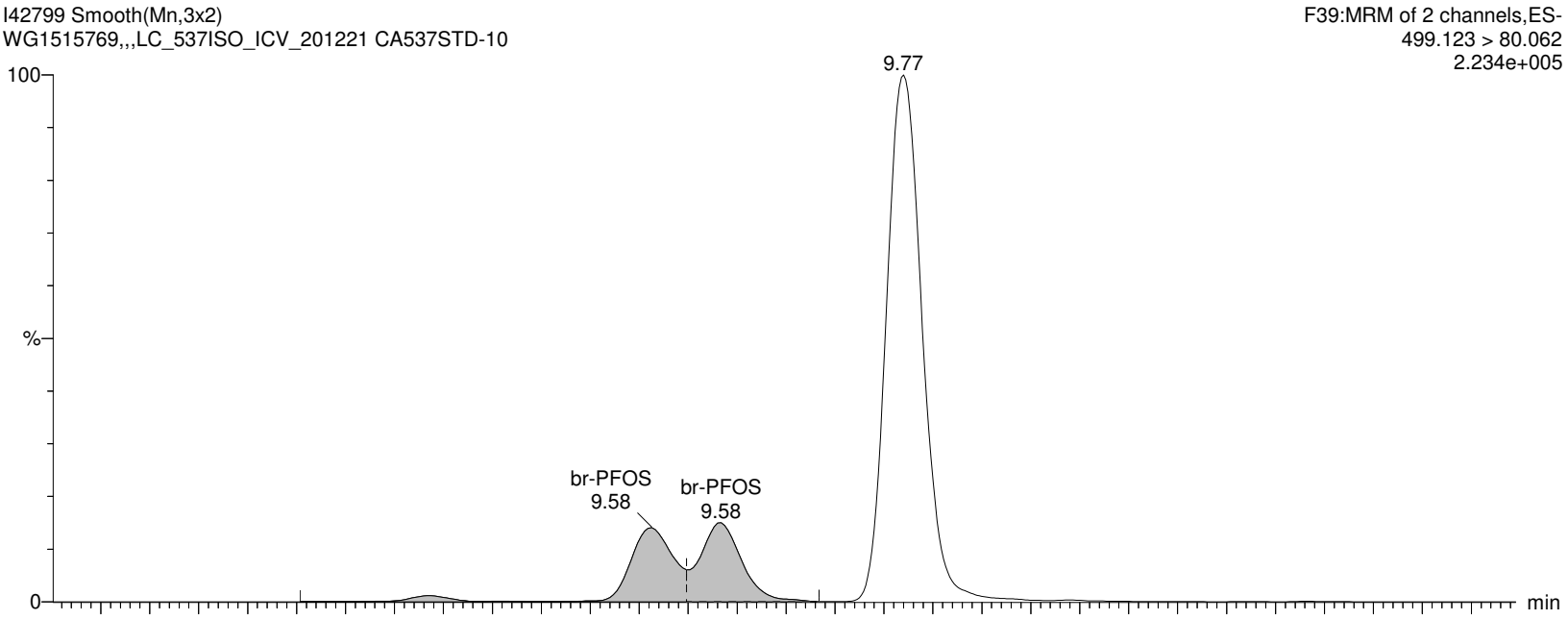


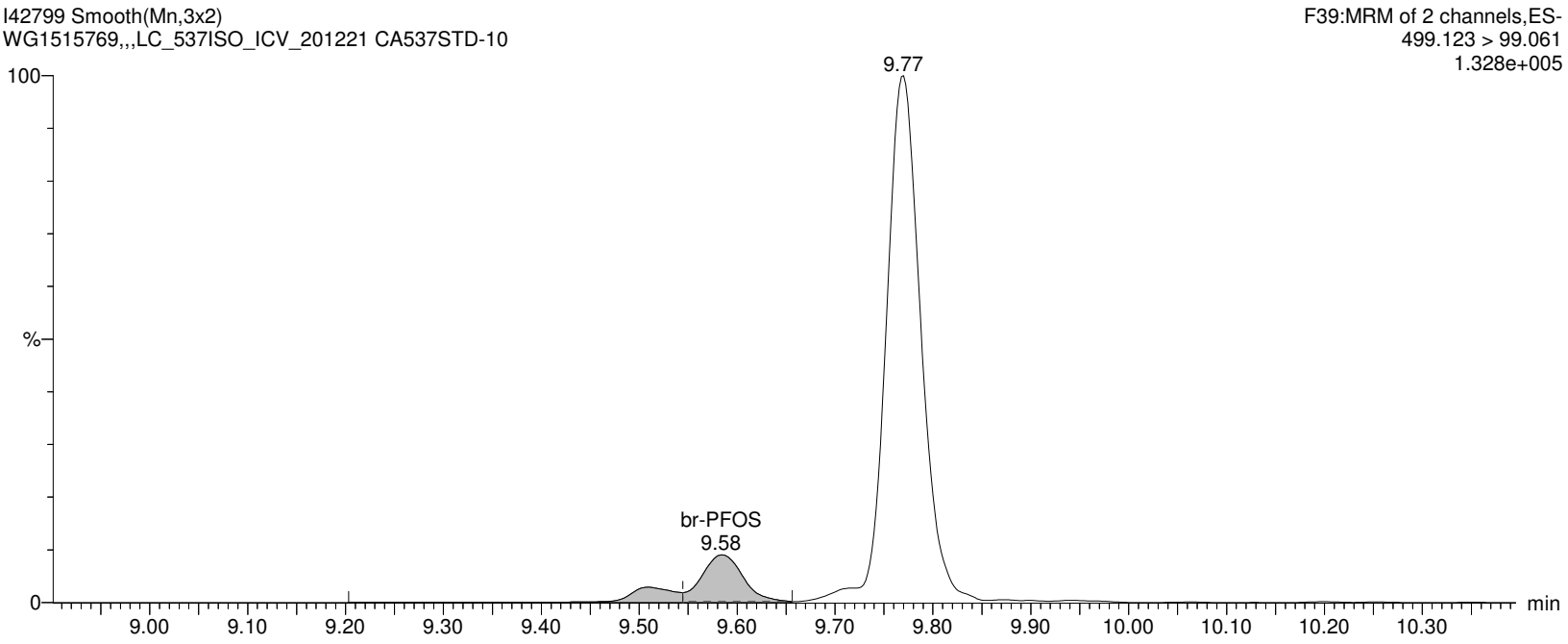
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOS



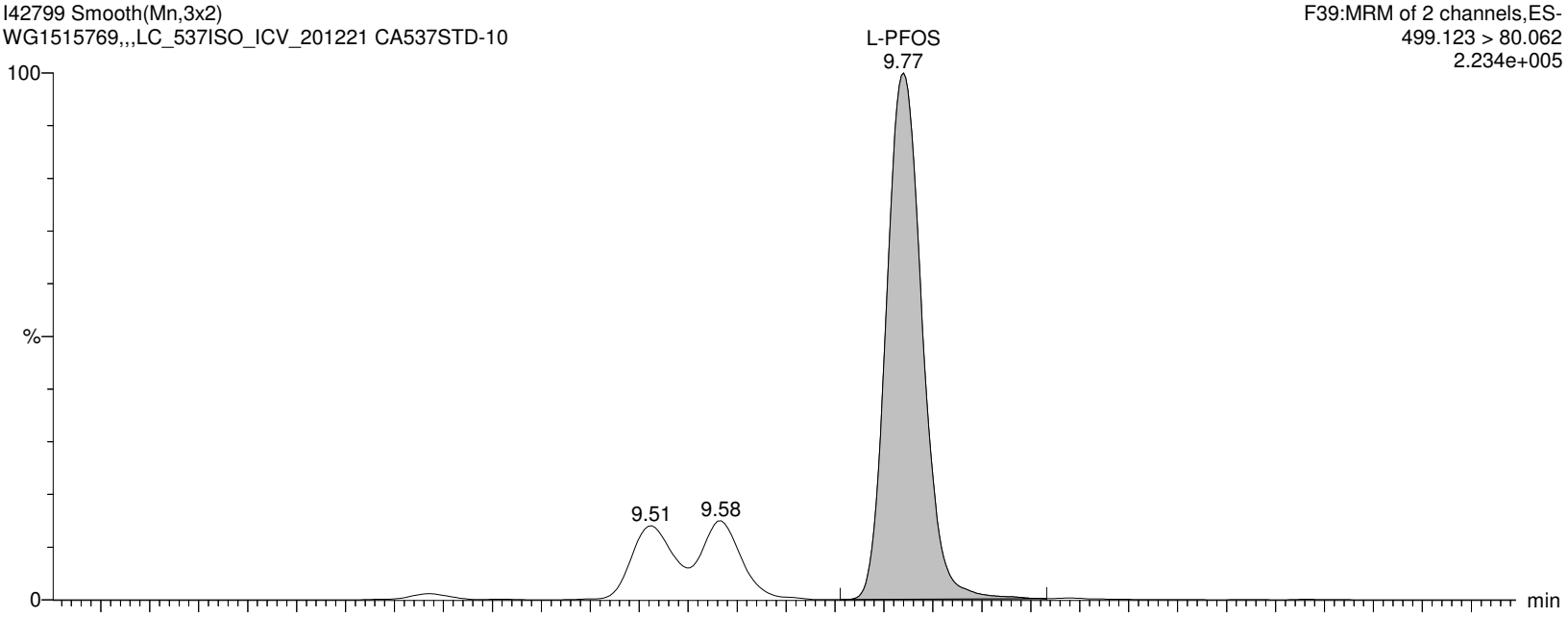


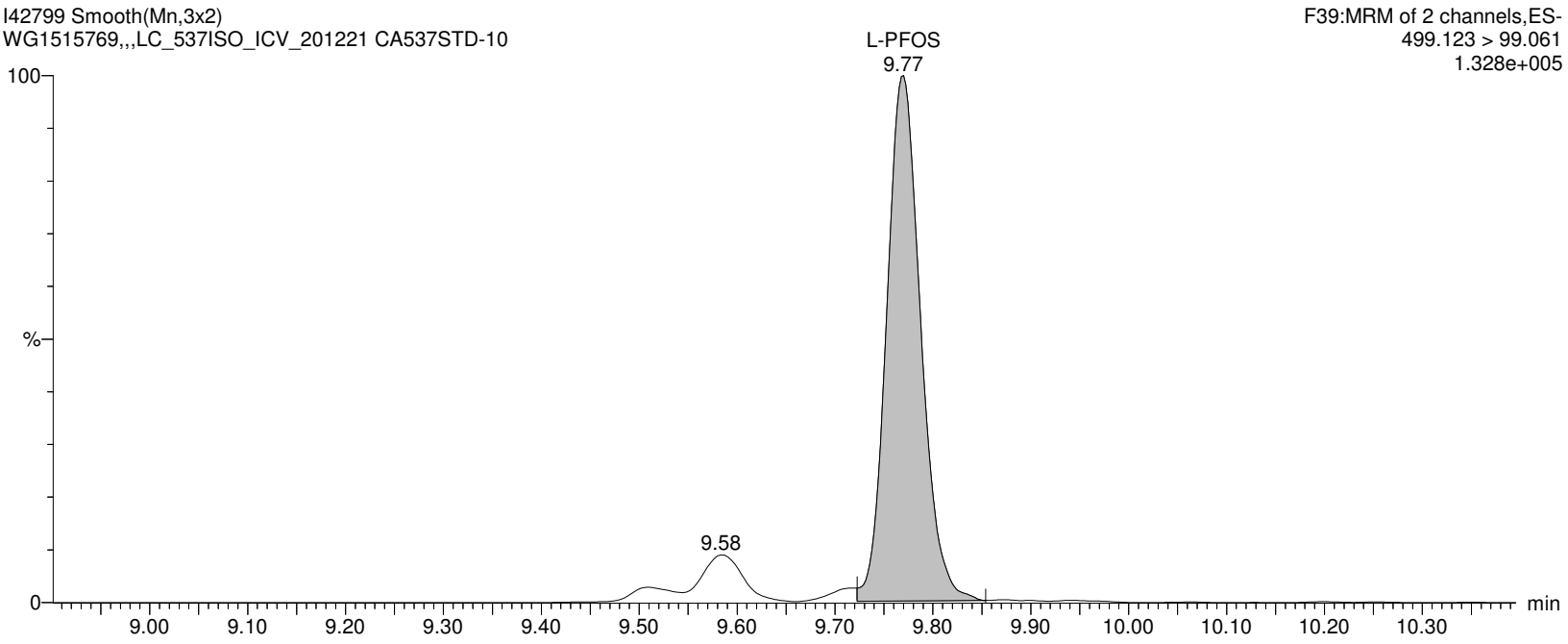
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOS



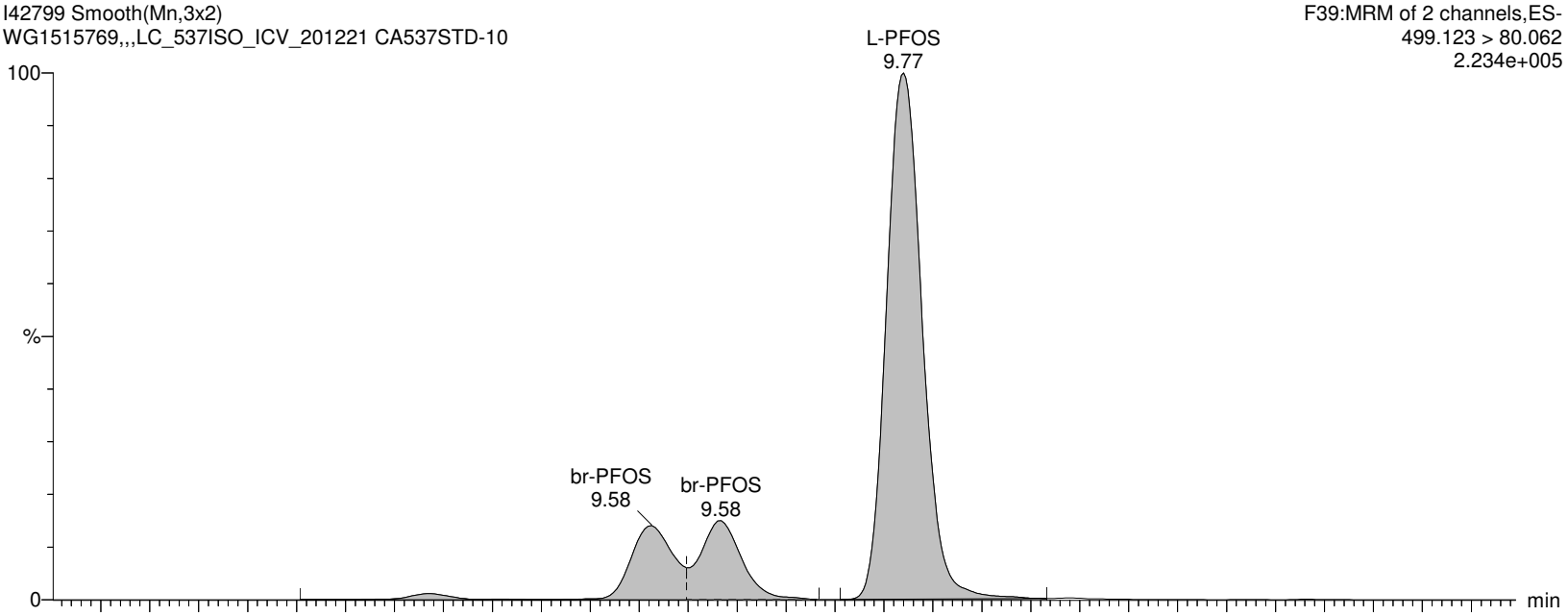


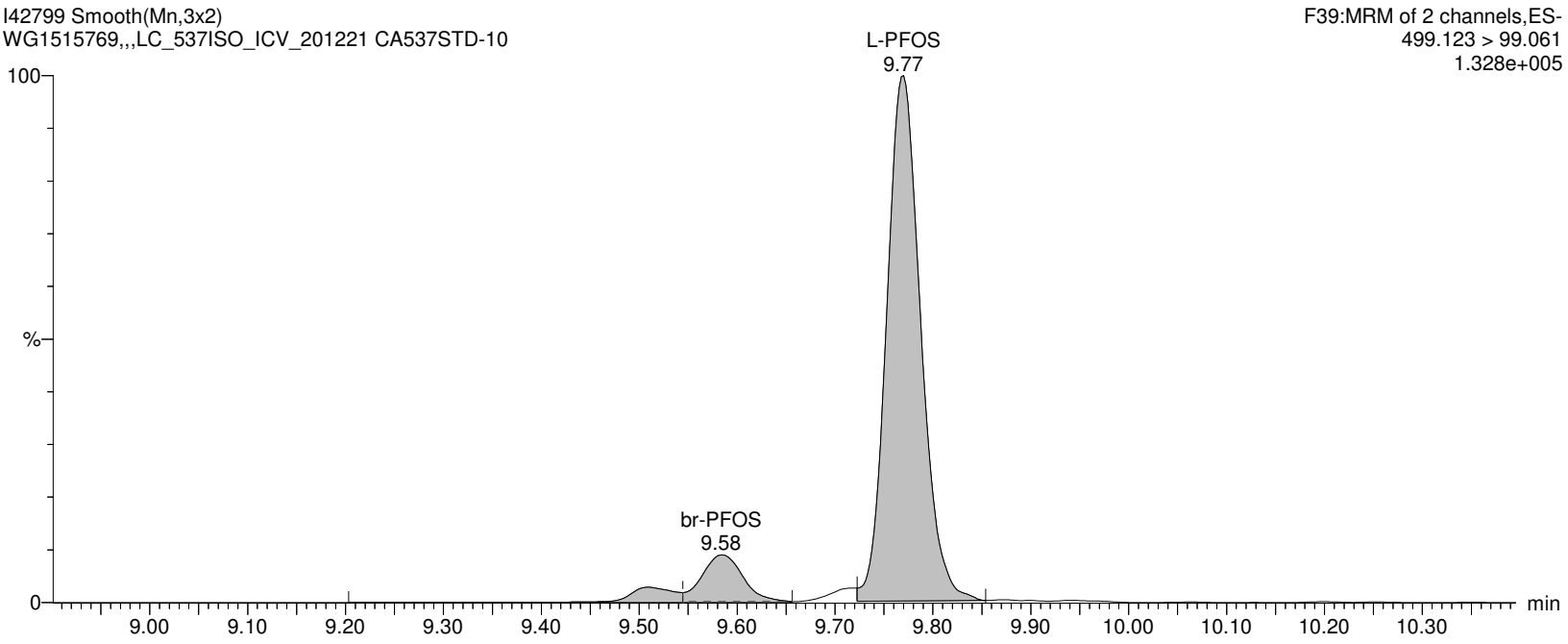
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOS



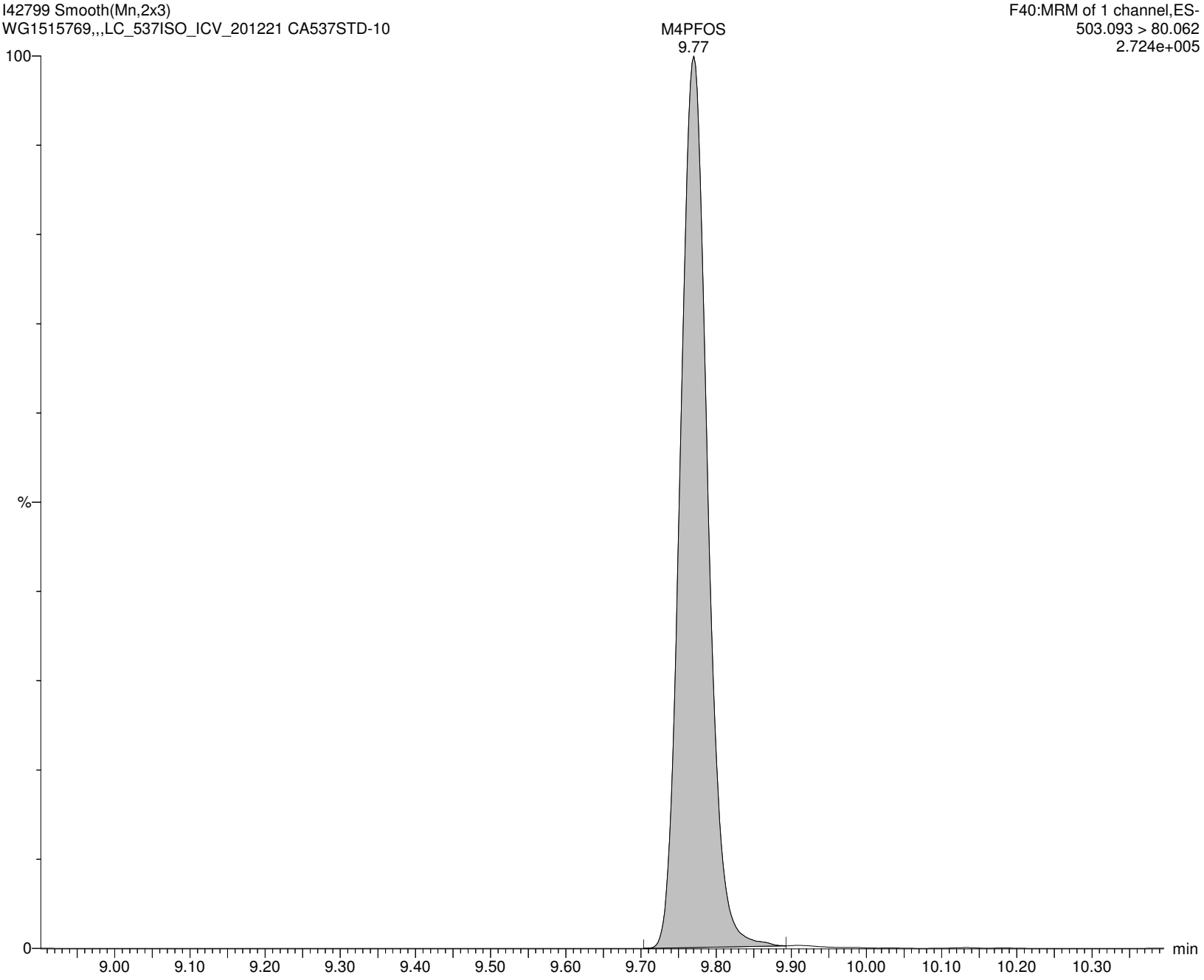


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOS

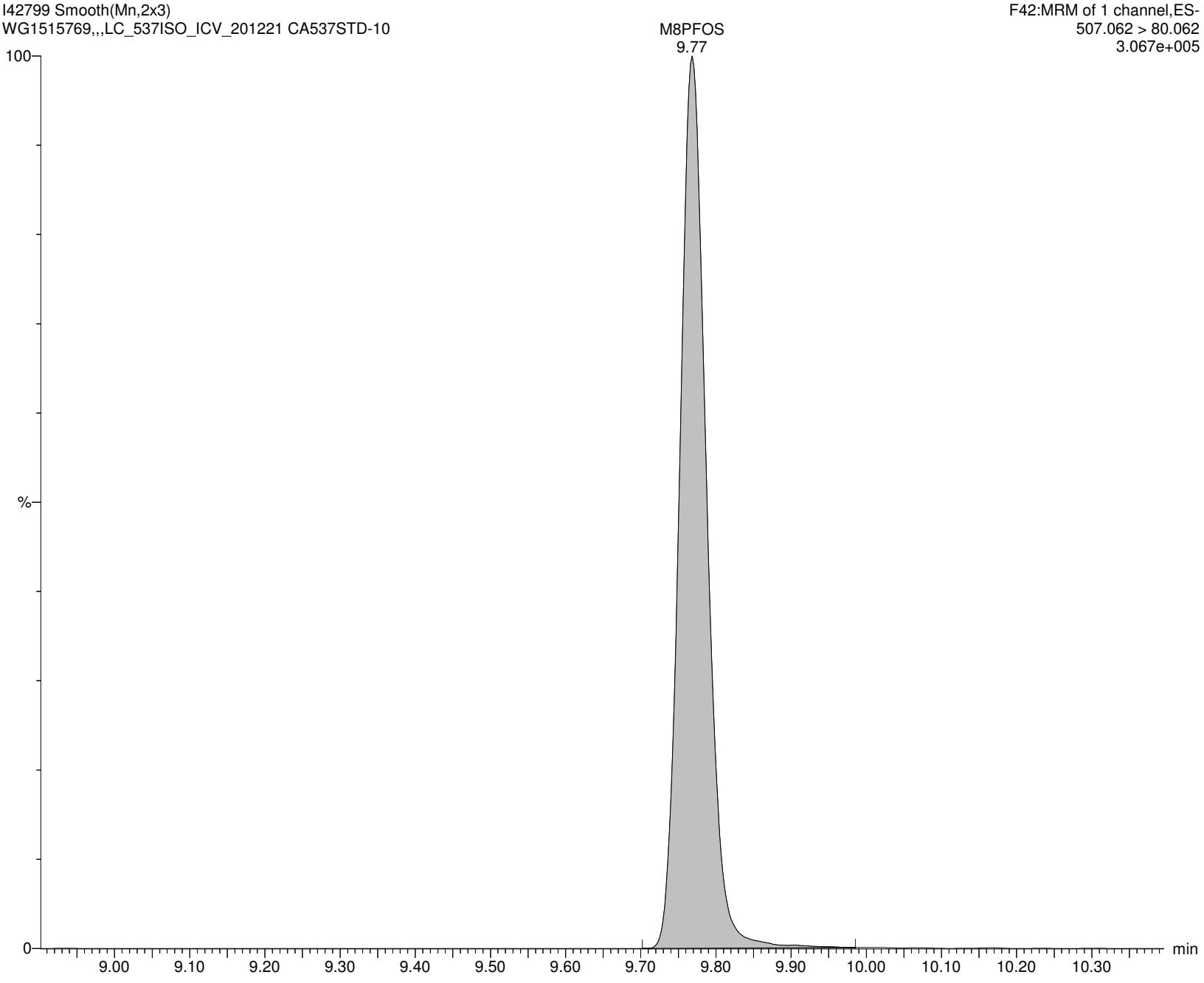


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOS

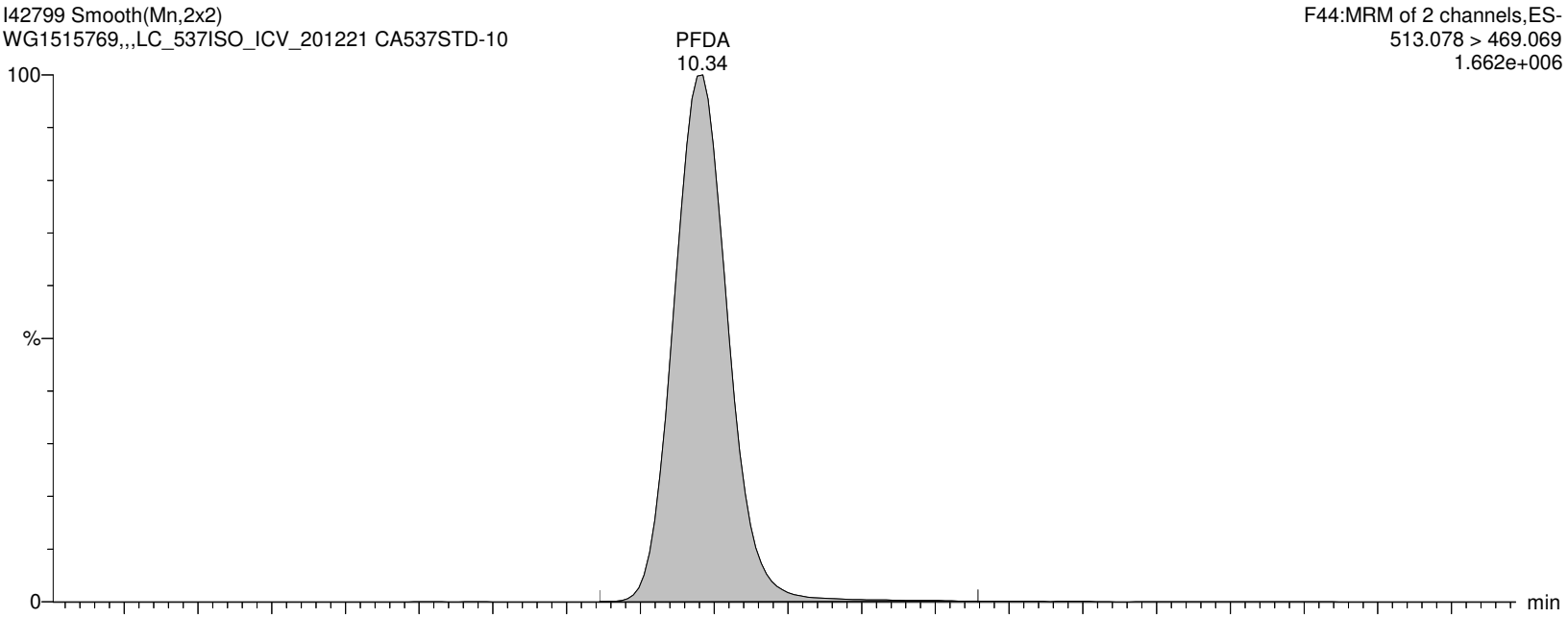


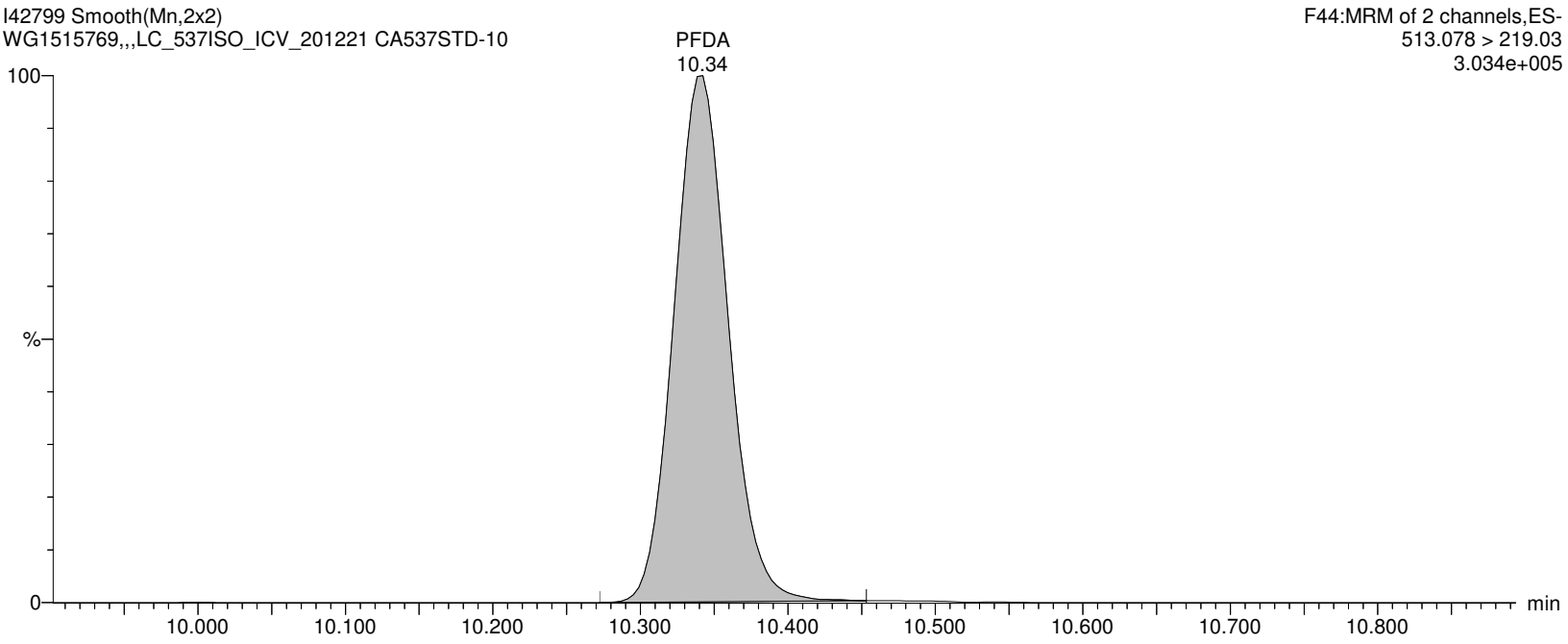
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDA



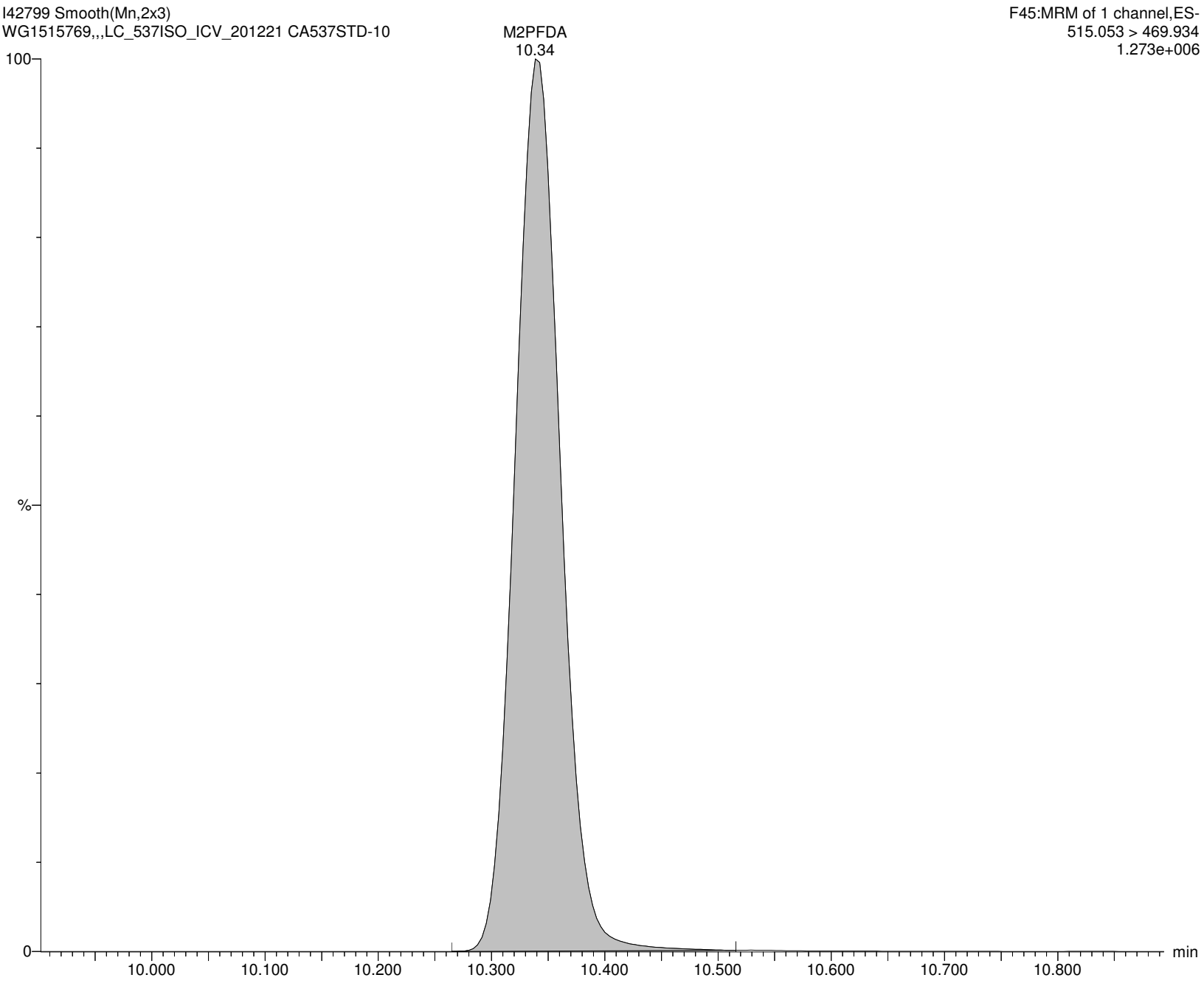


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFDA

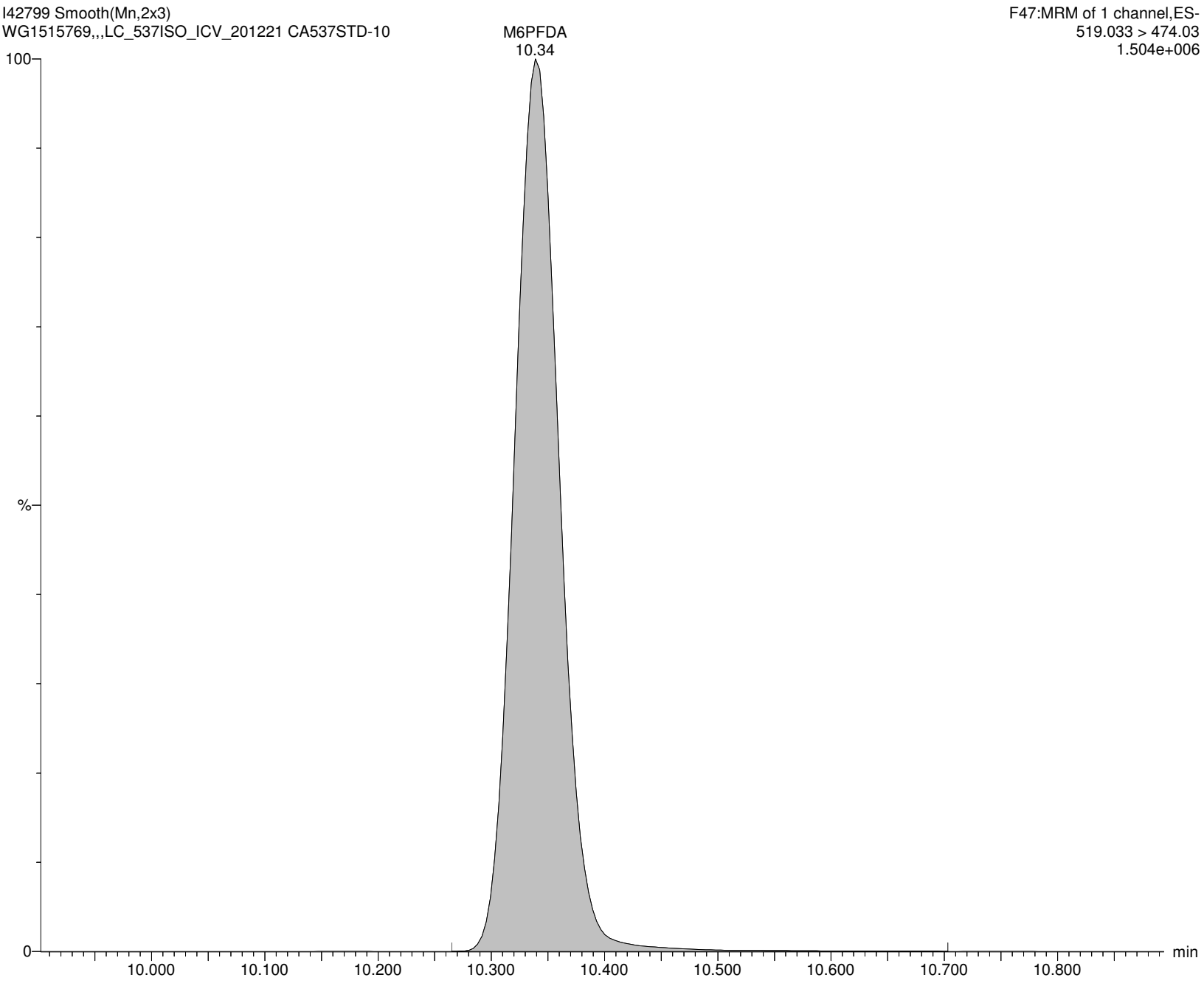


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M6PFDA

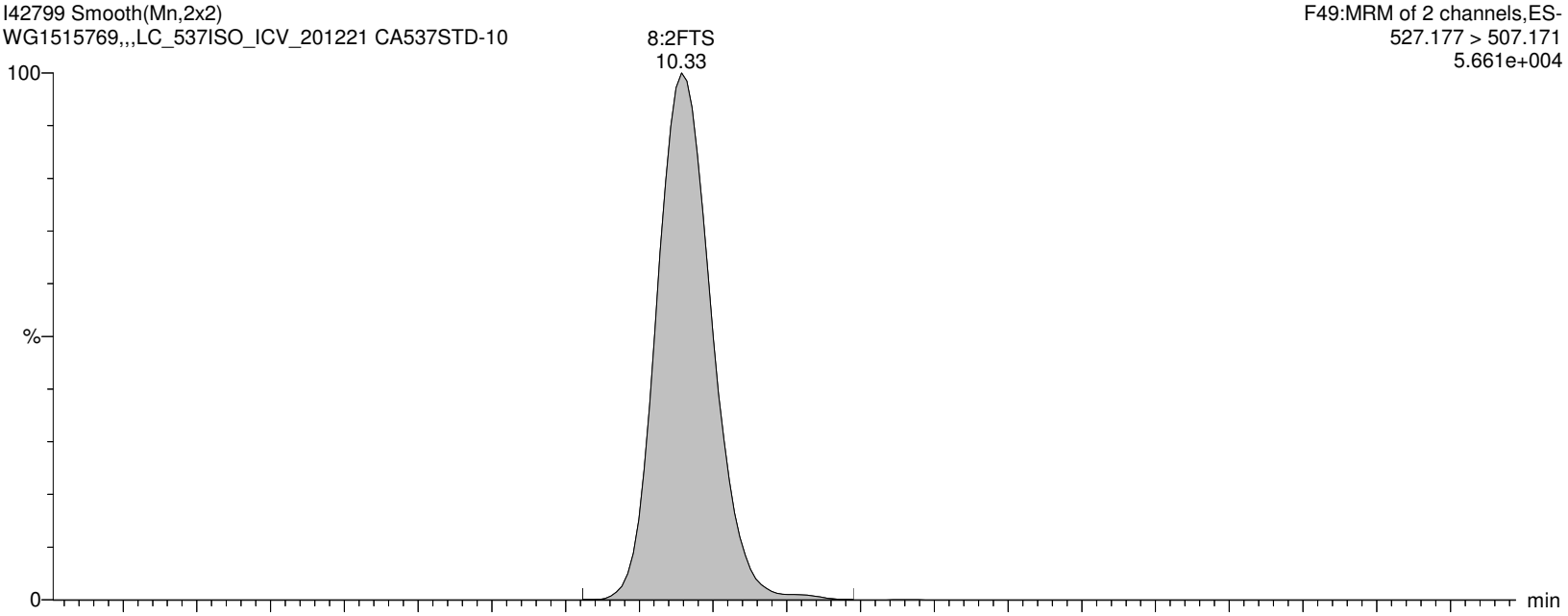


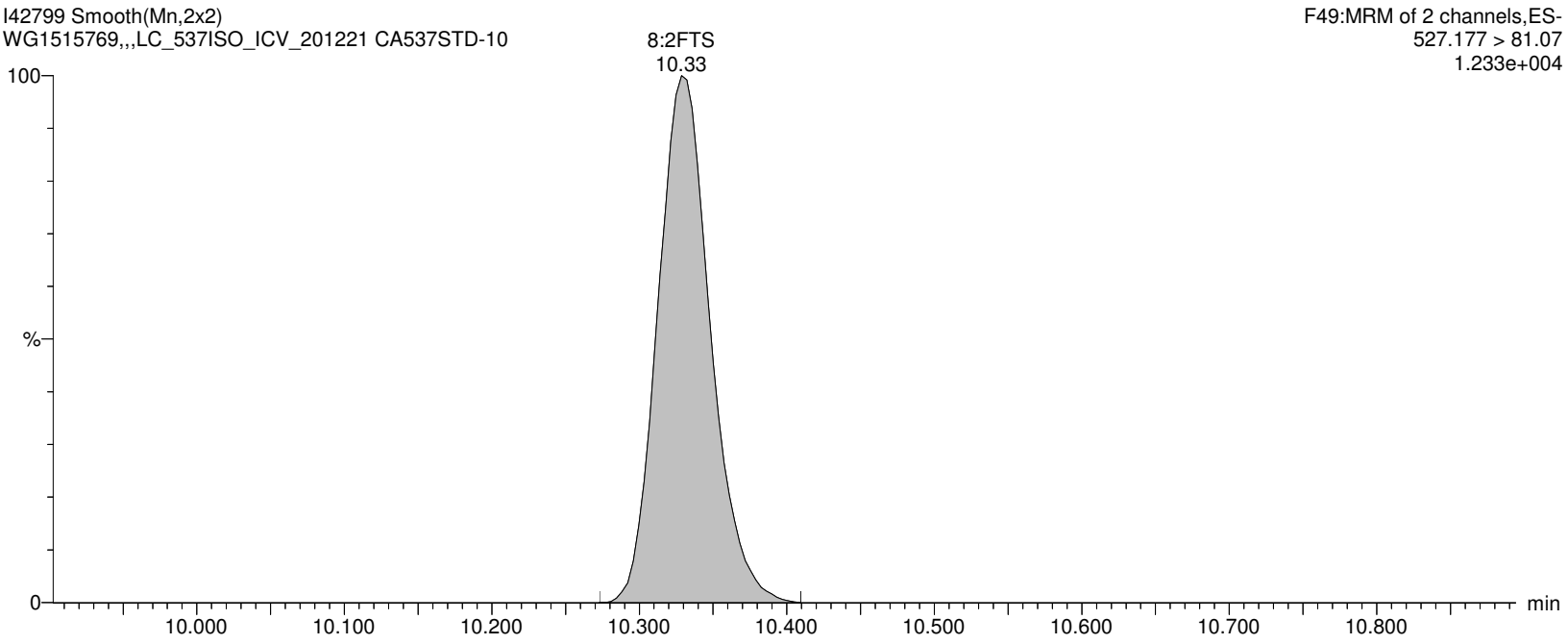
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

8:2FTS



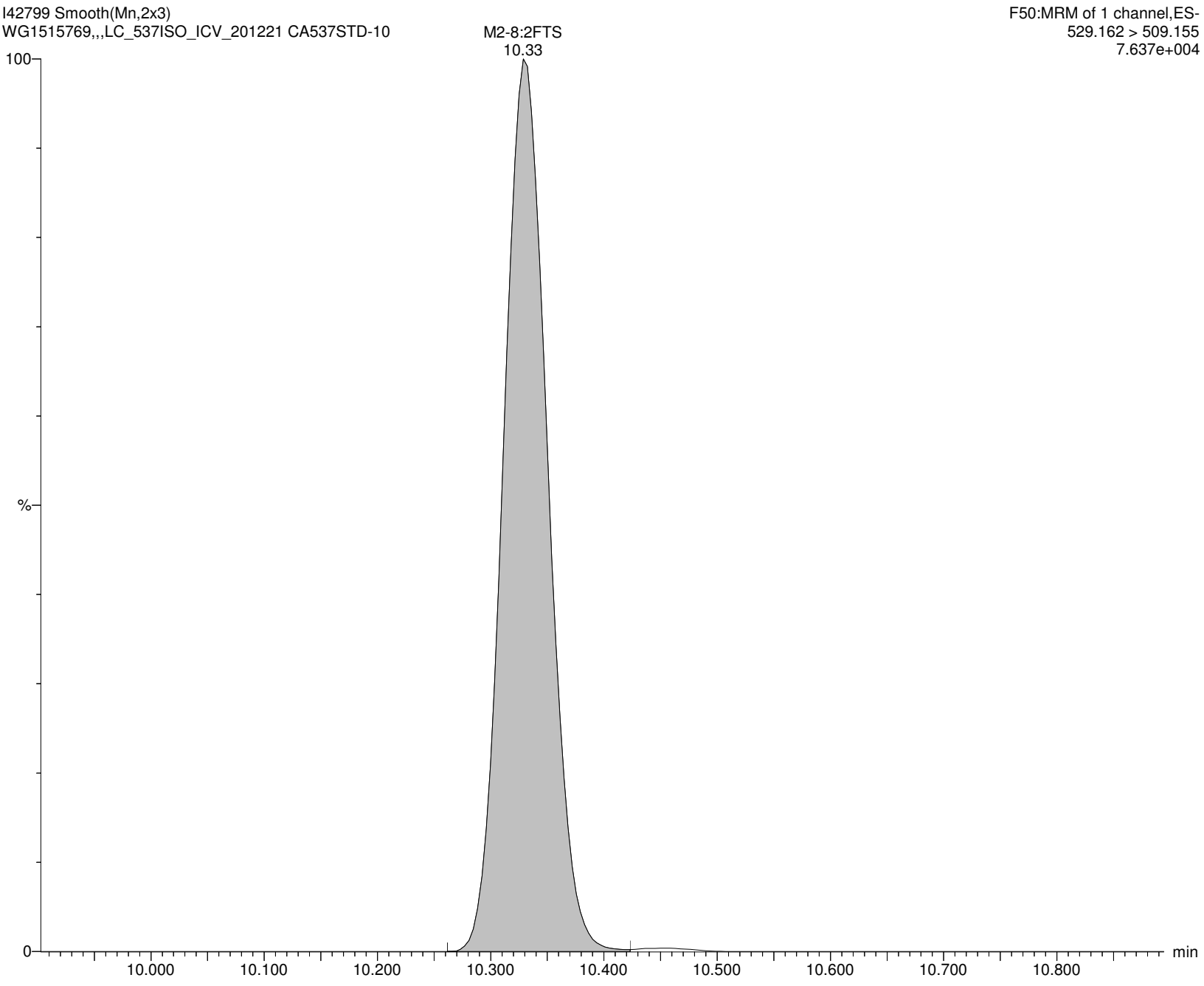


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-8:2FTS

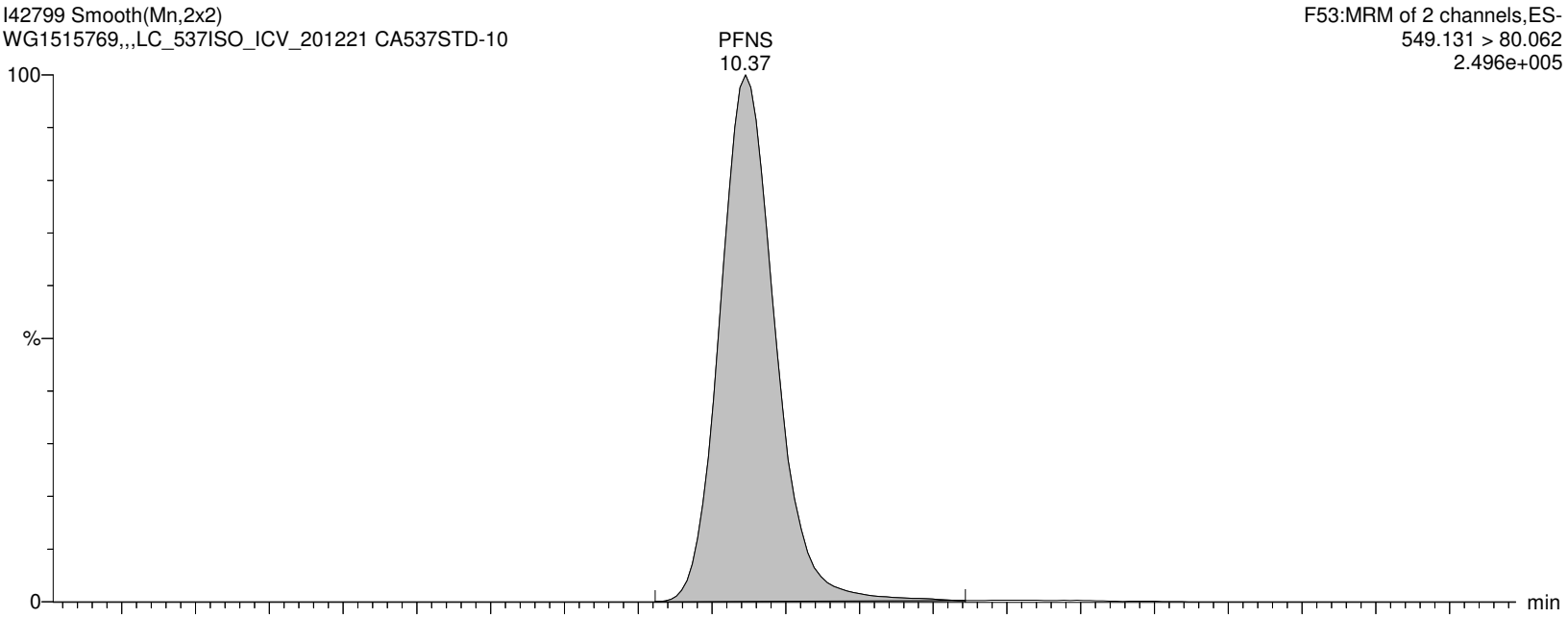


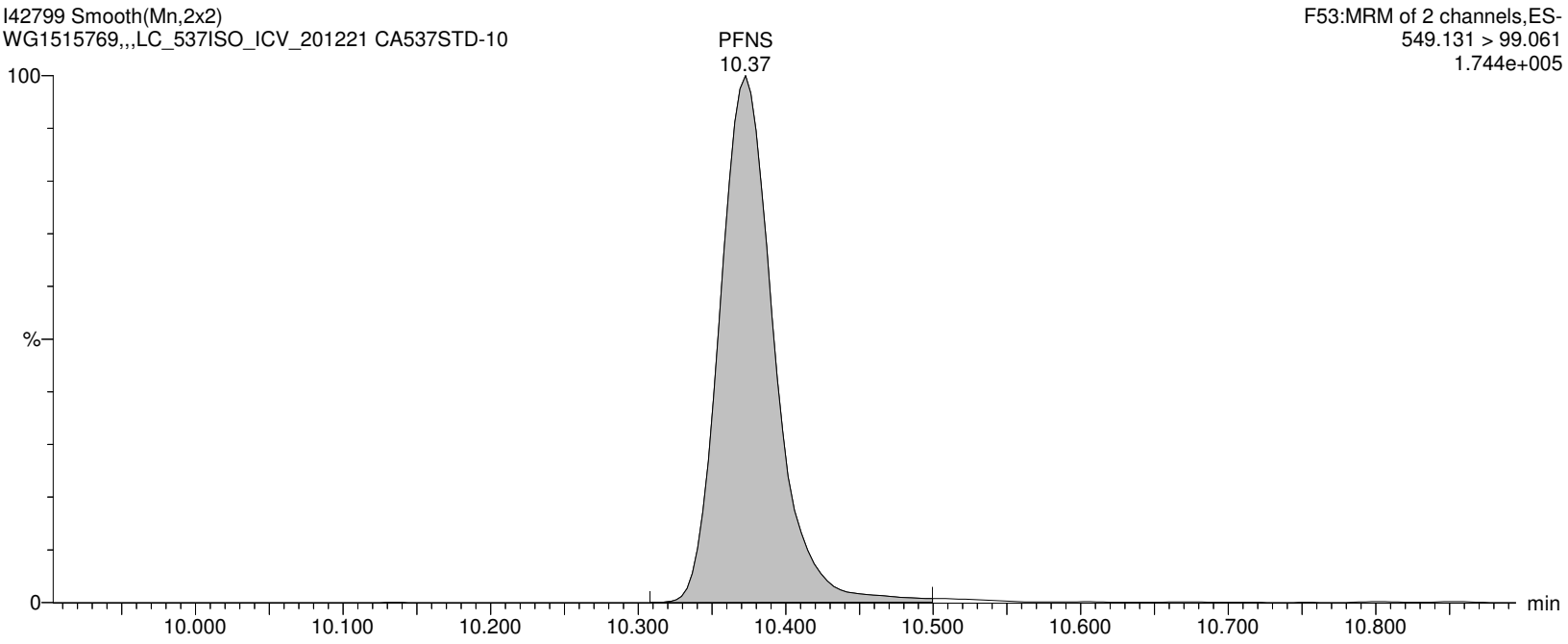
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNS



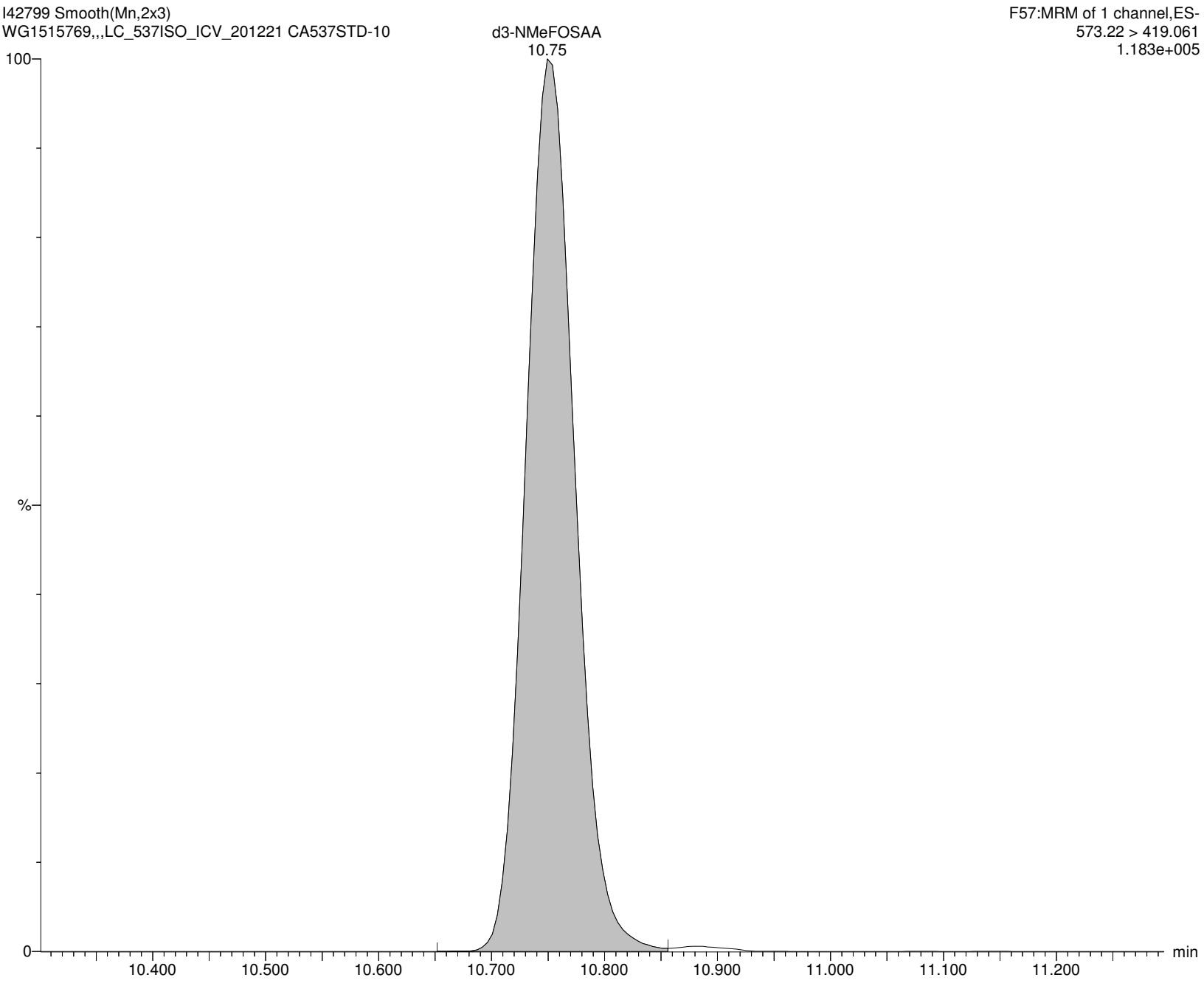


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSAA

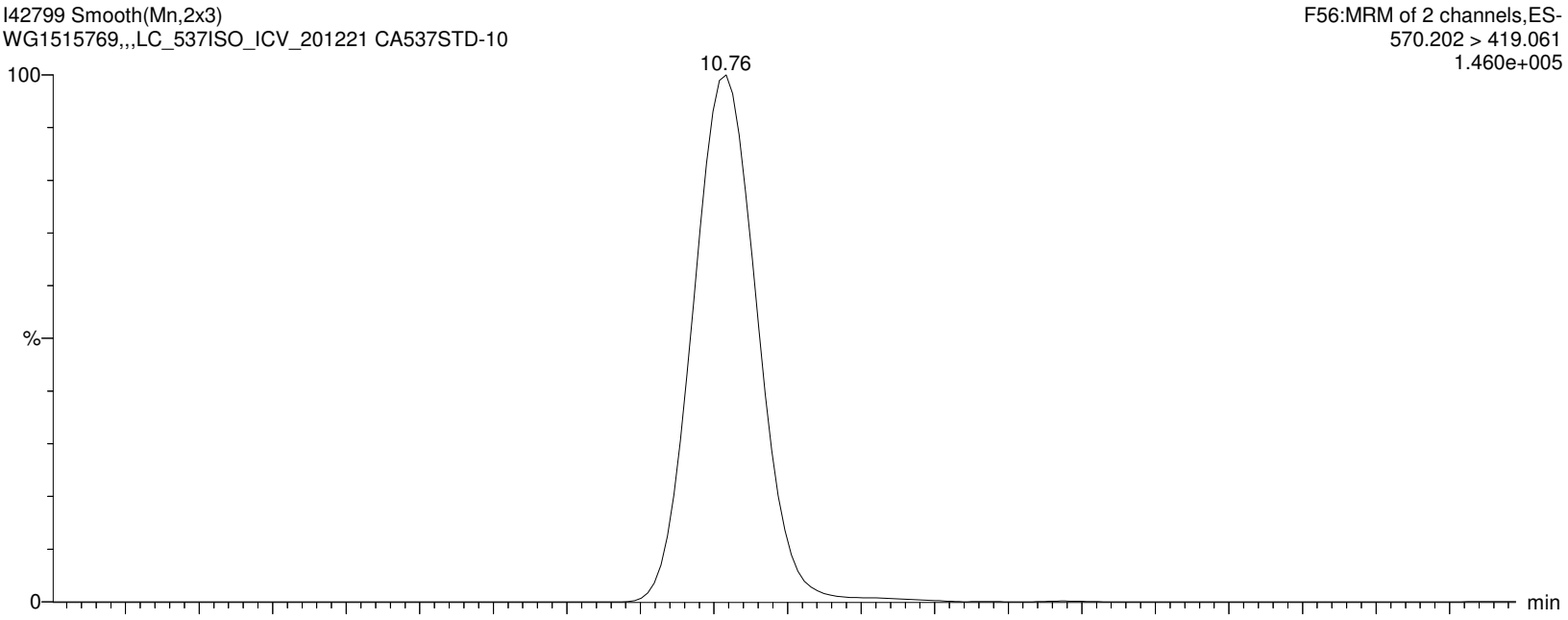


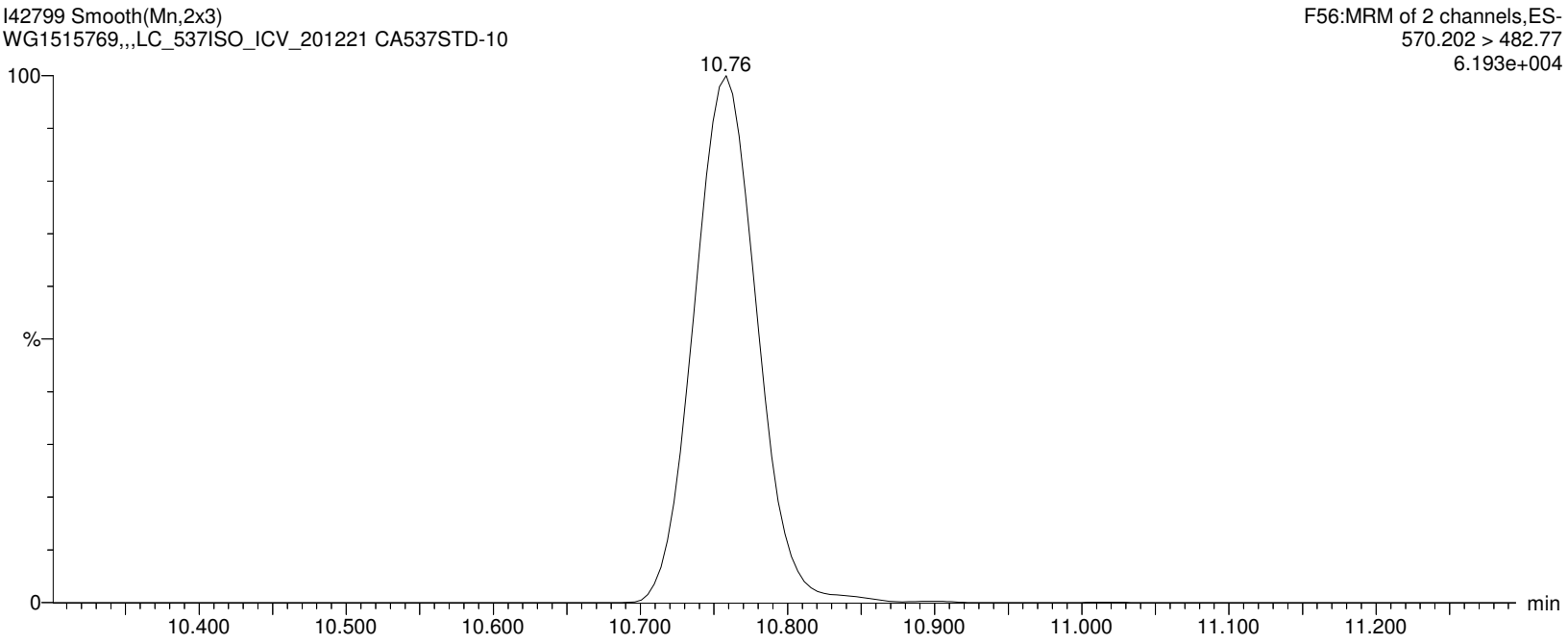
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NMeFOSAA



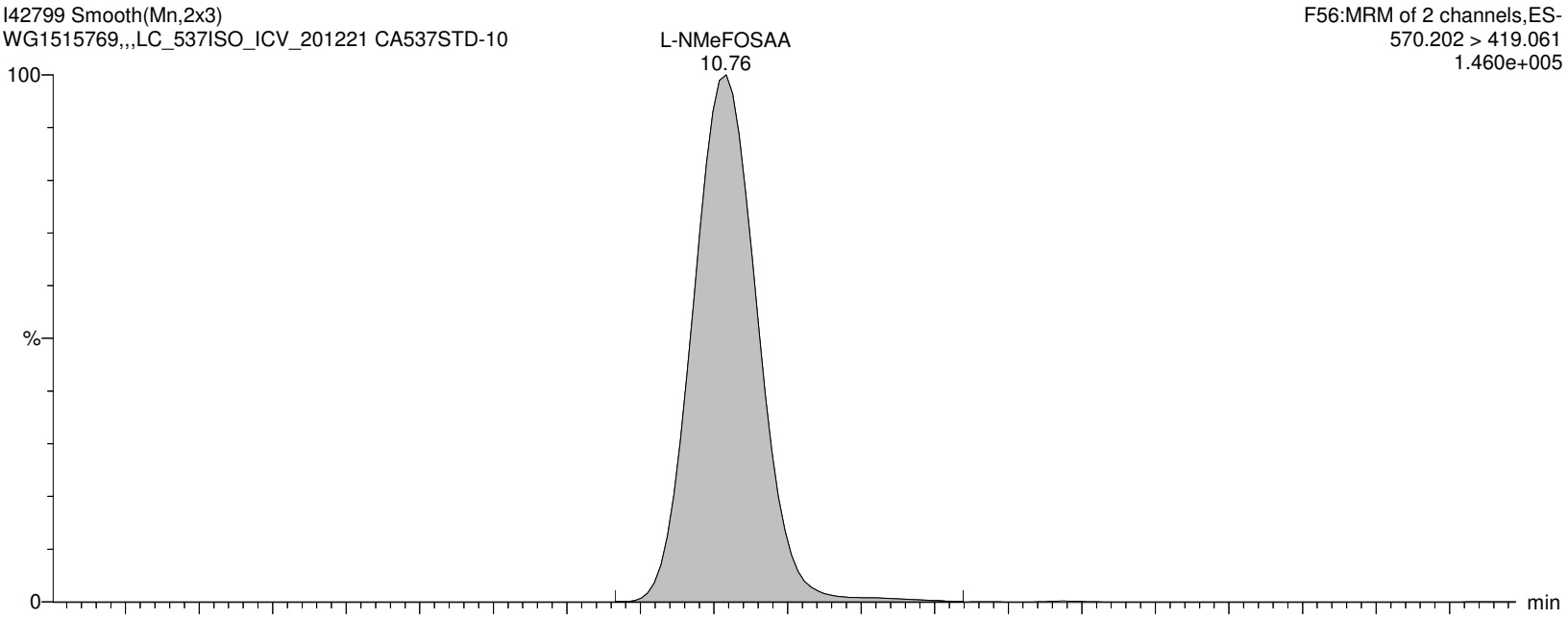


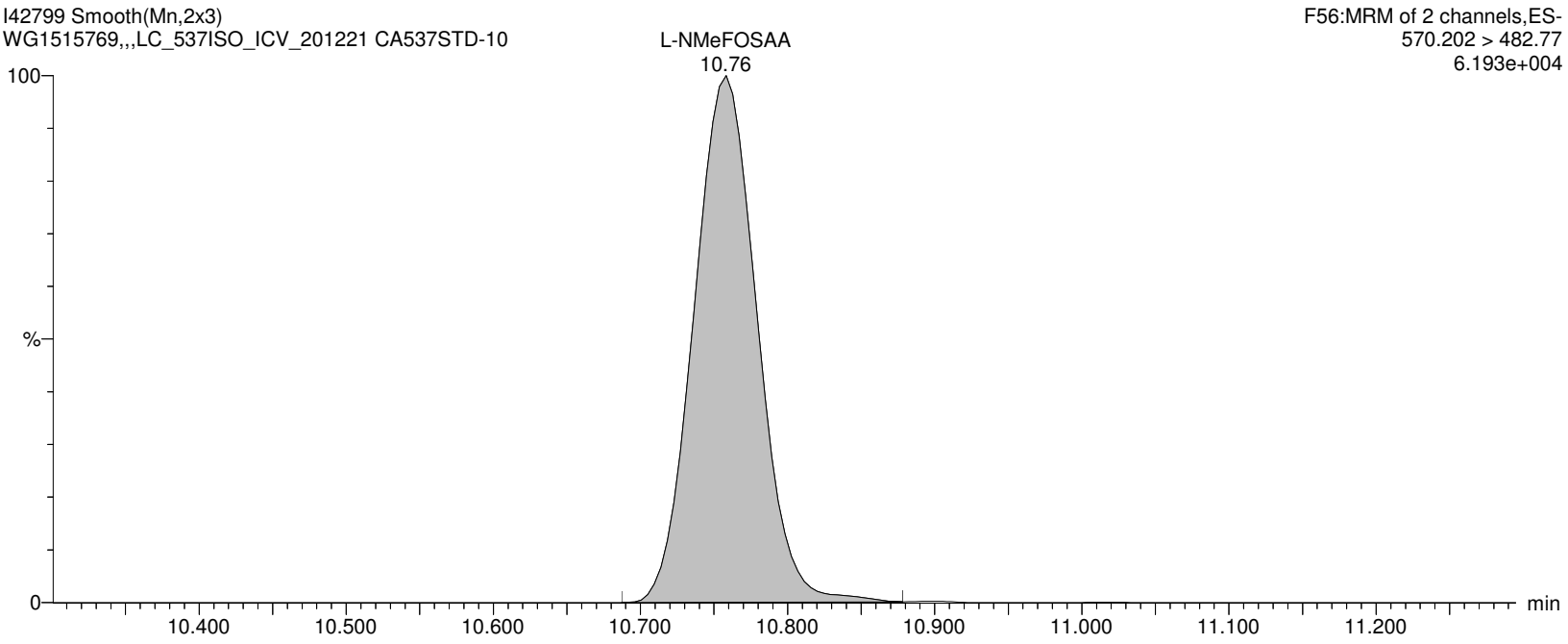
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NMeFOSAA



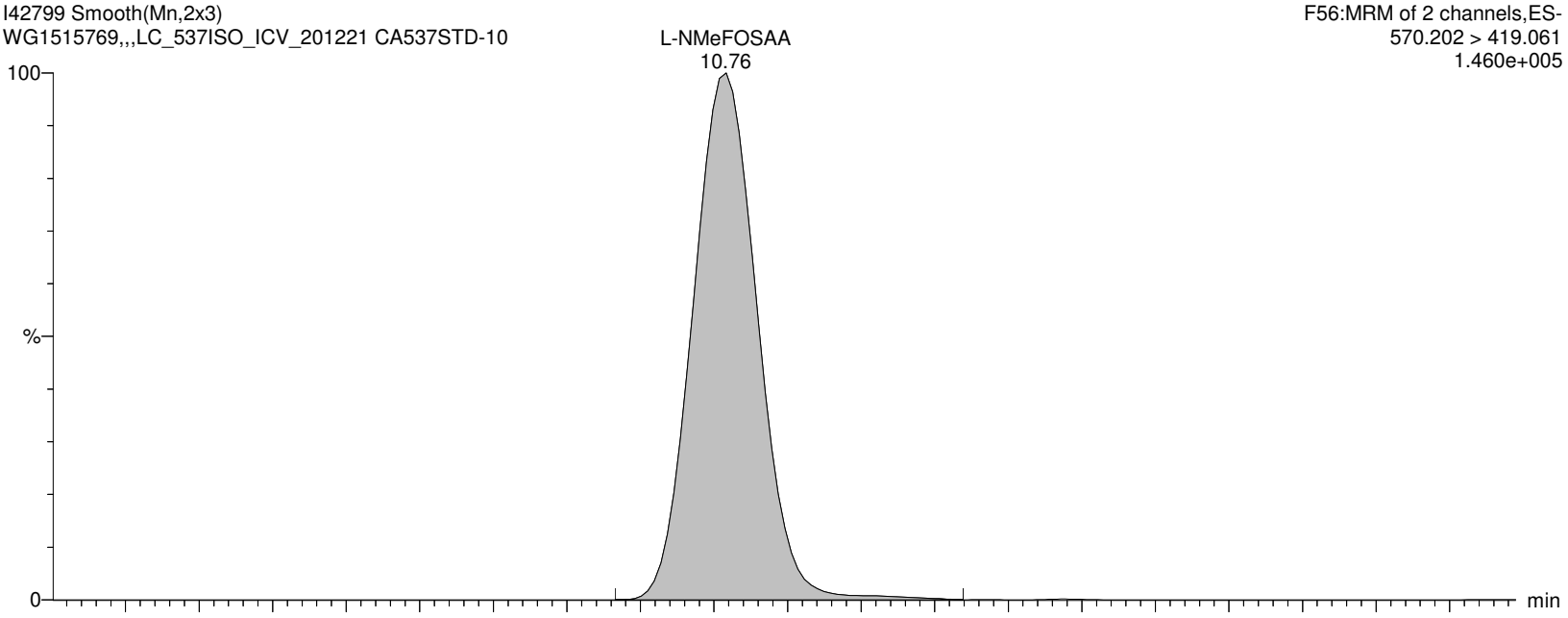


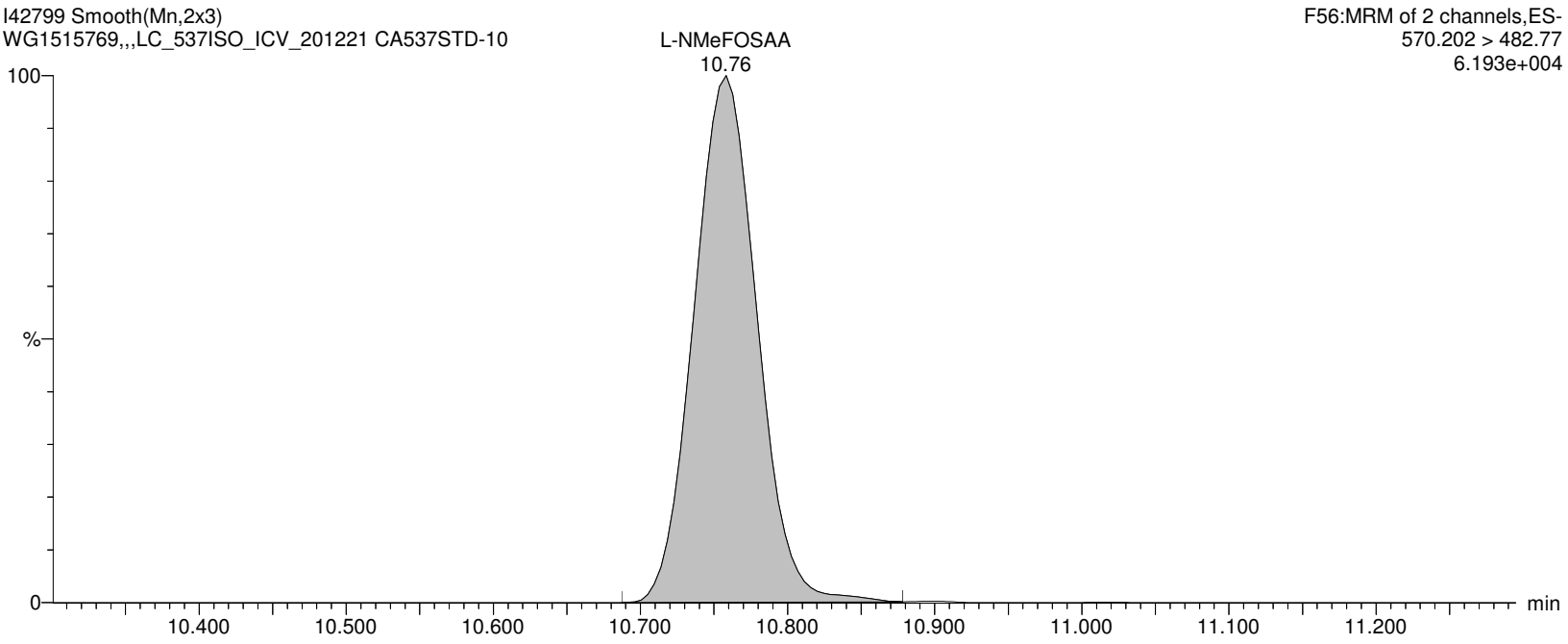
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSAA



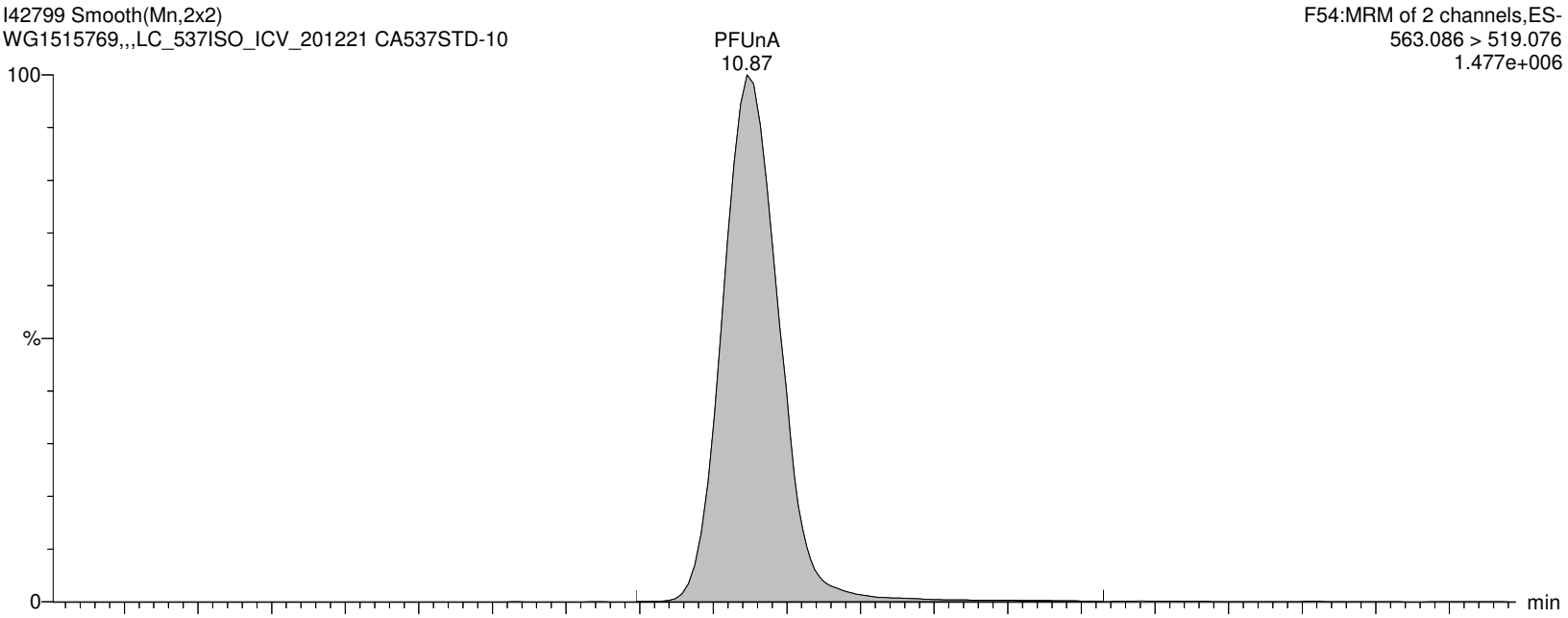


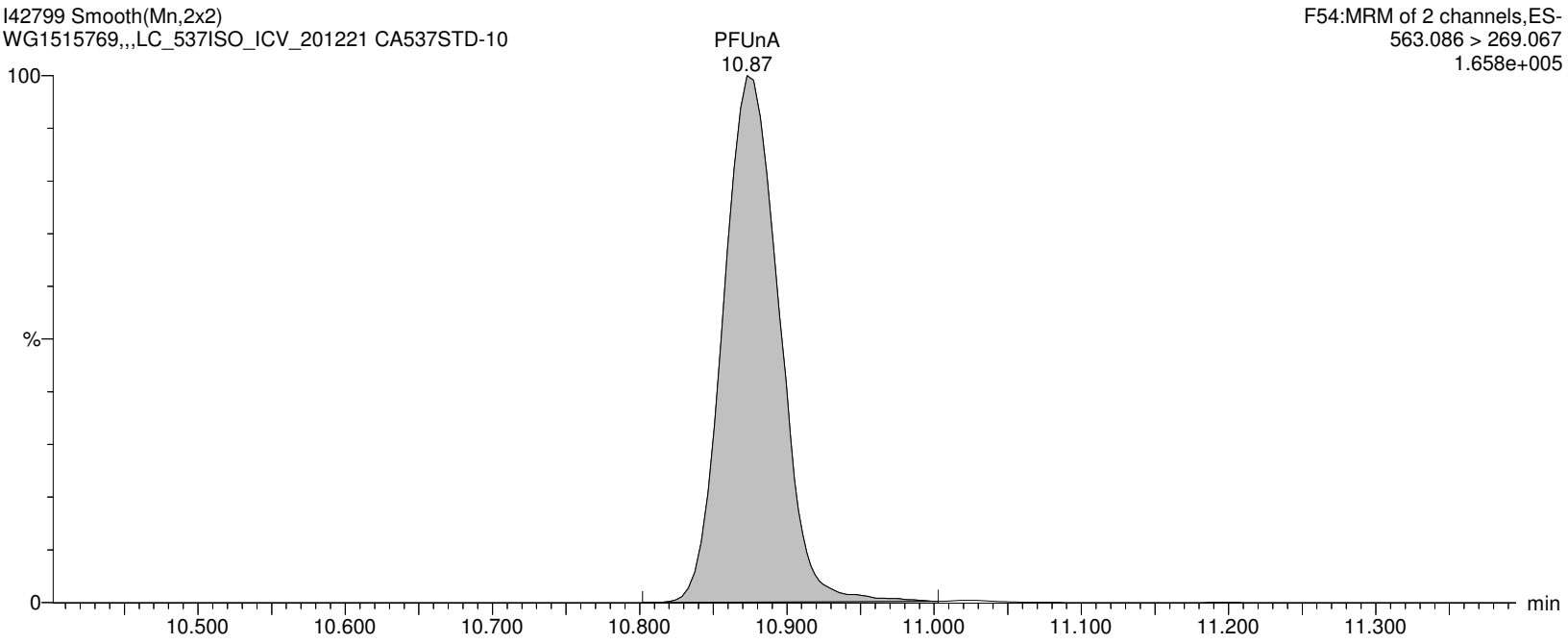
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFUnA



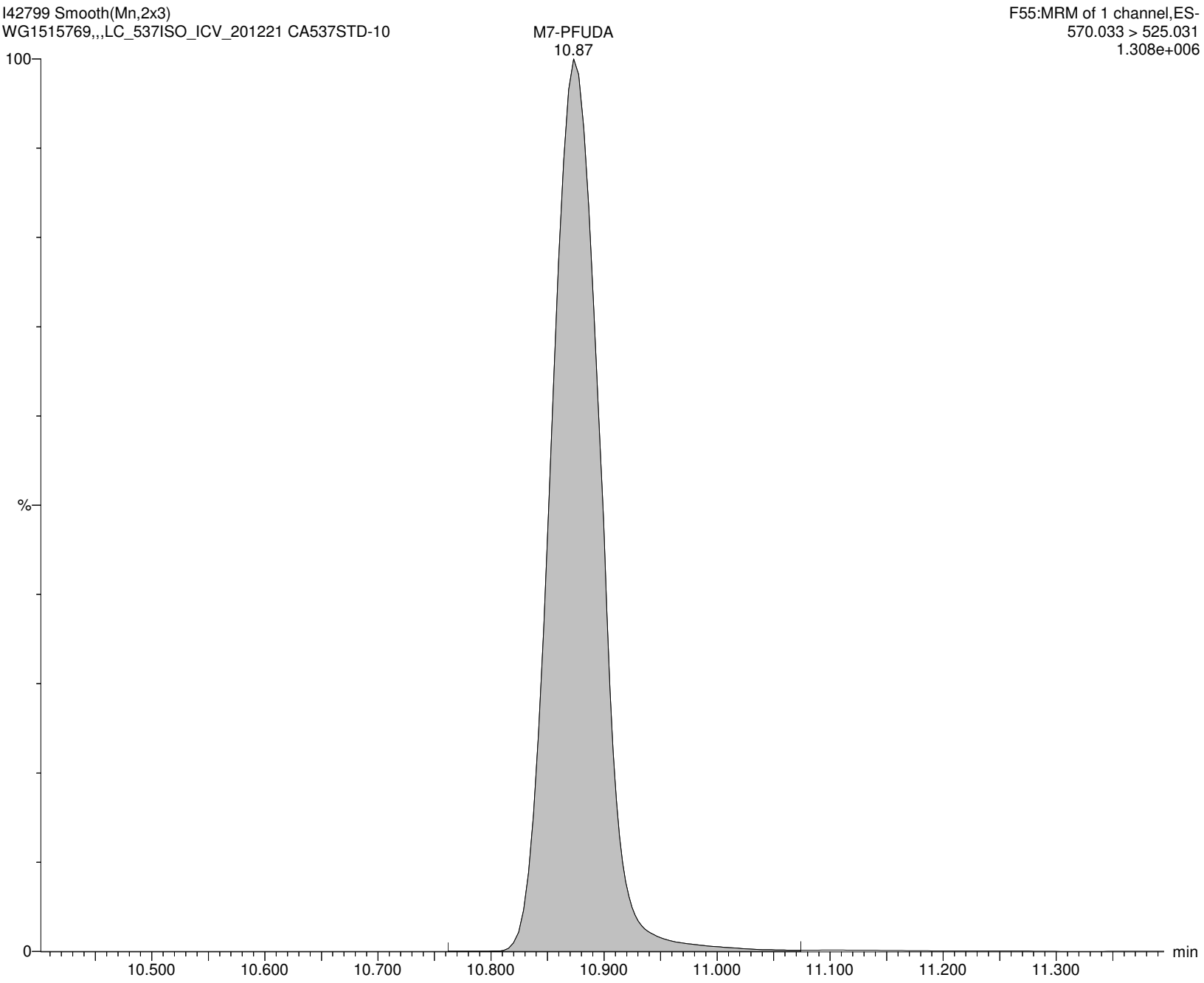


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M7-PFUDA

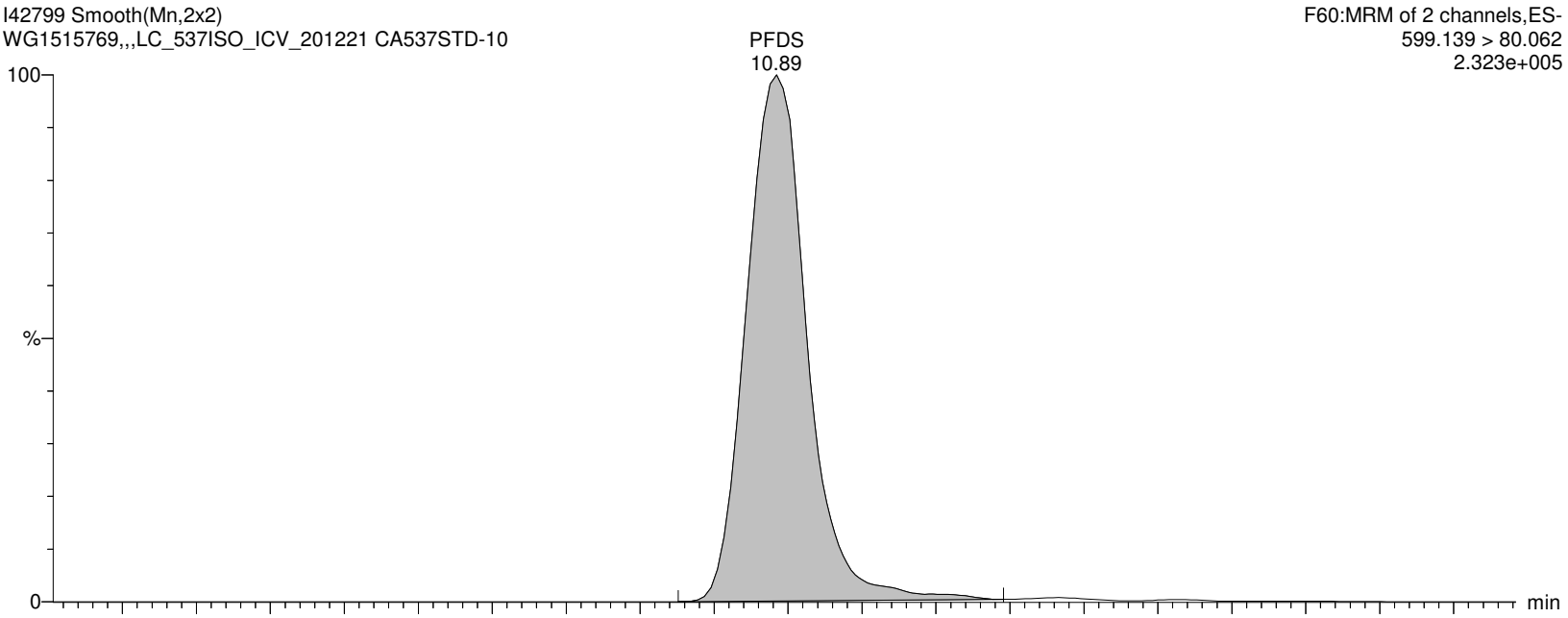


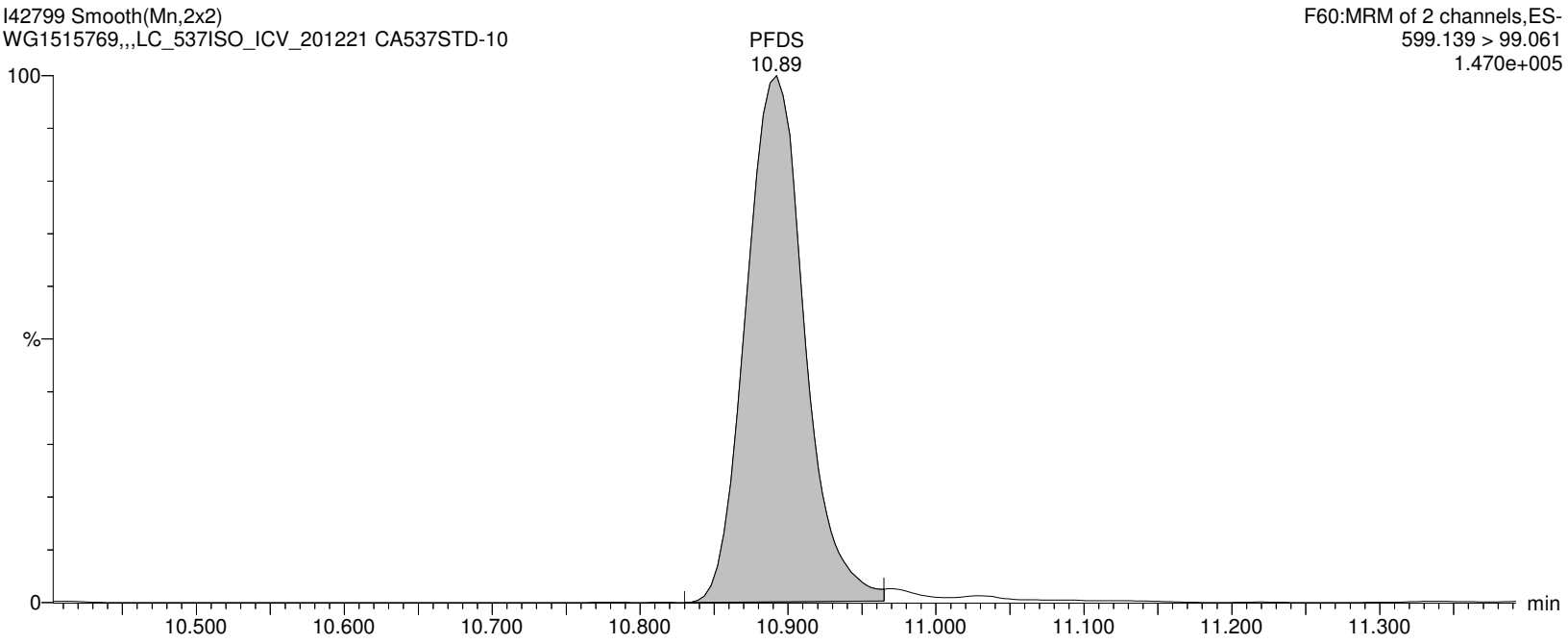
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDS



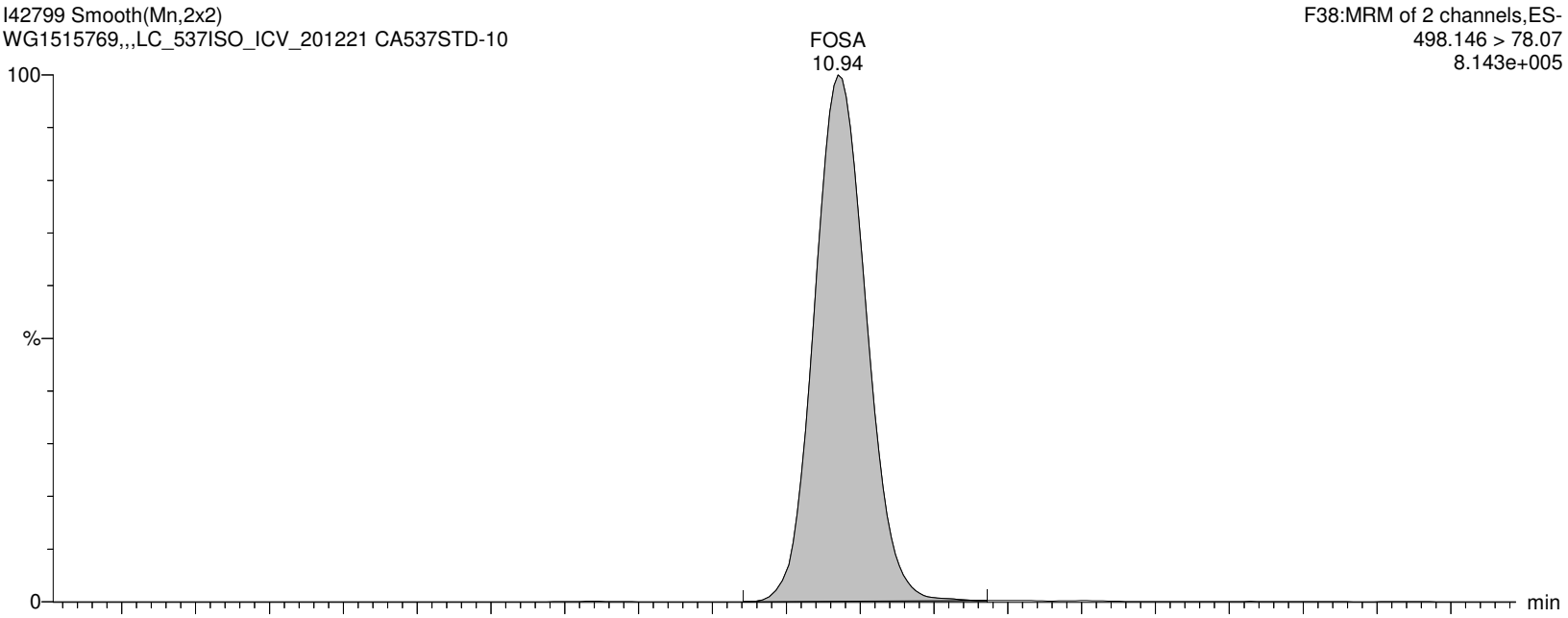


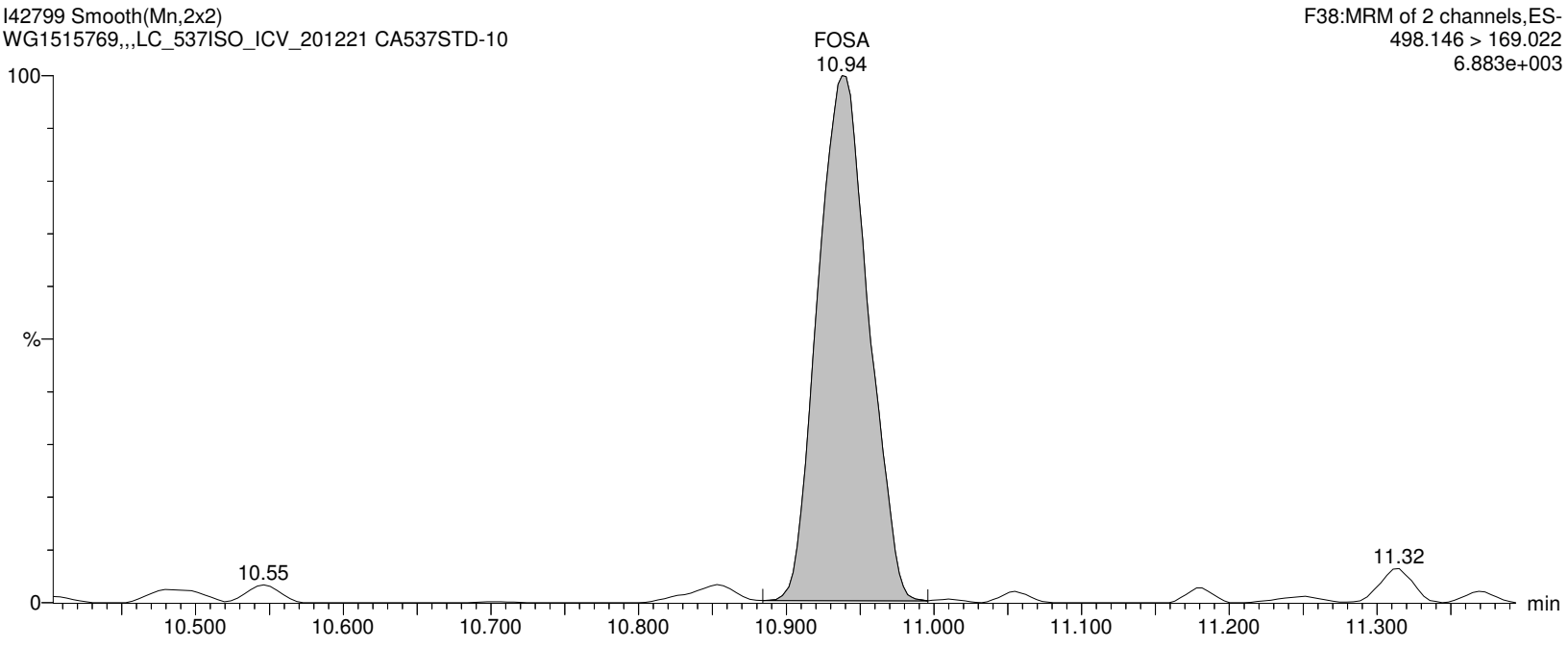
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

FOSA



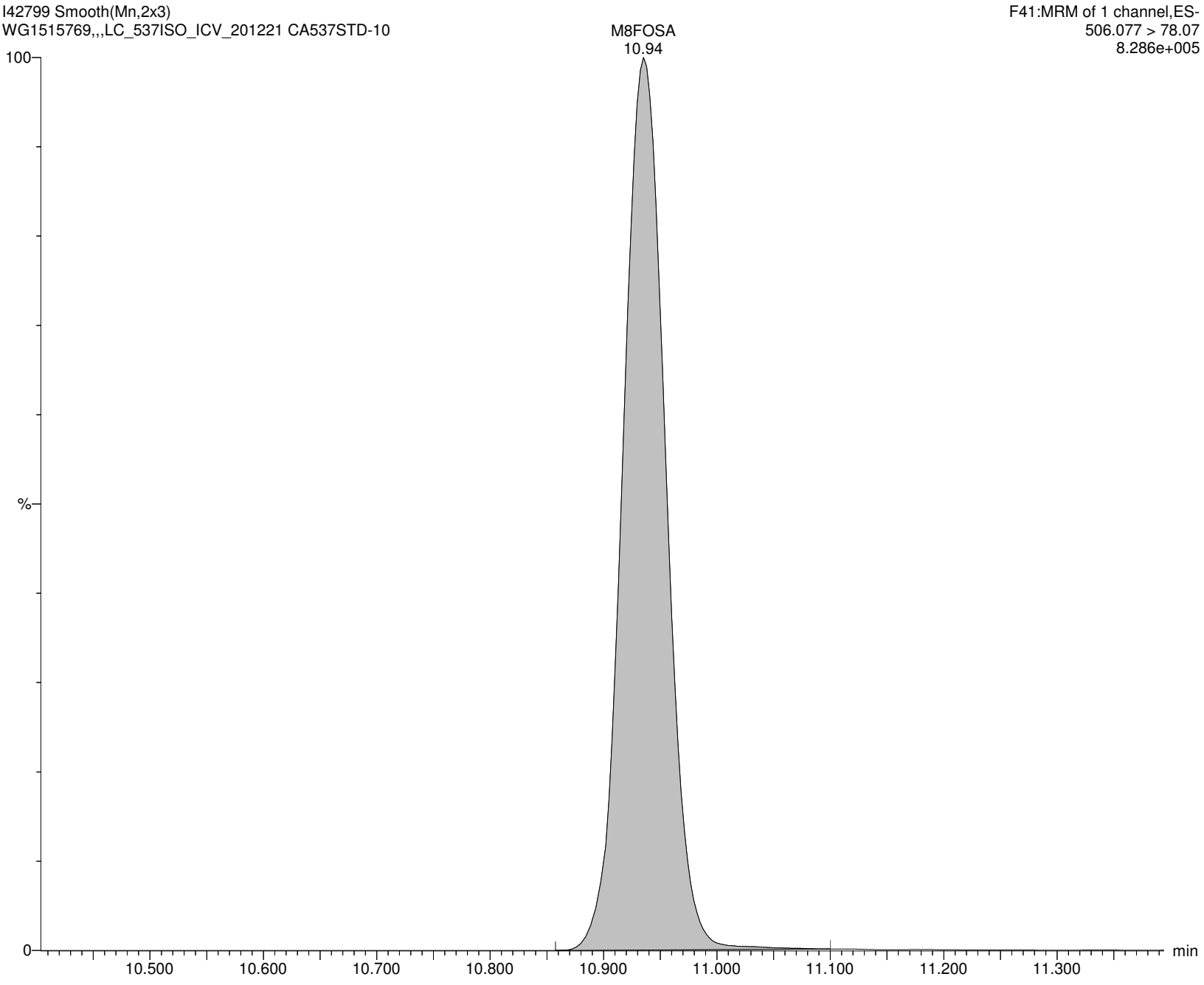


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8FOSA

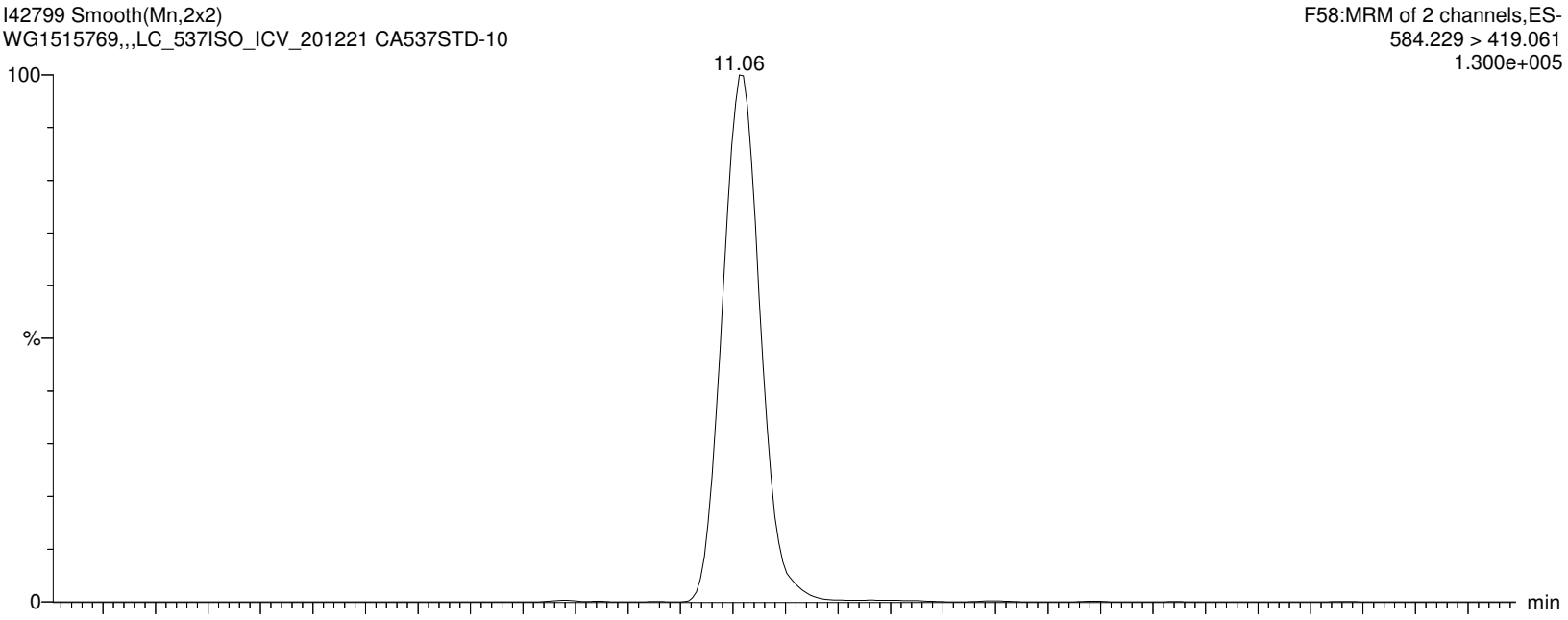


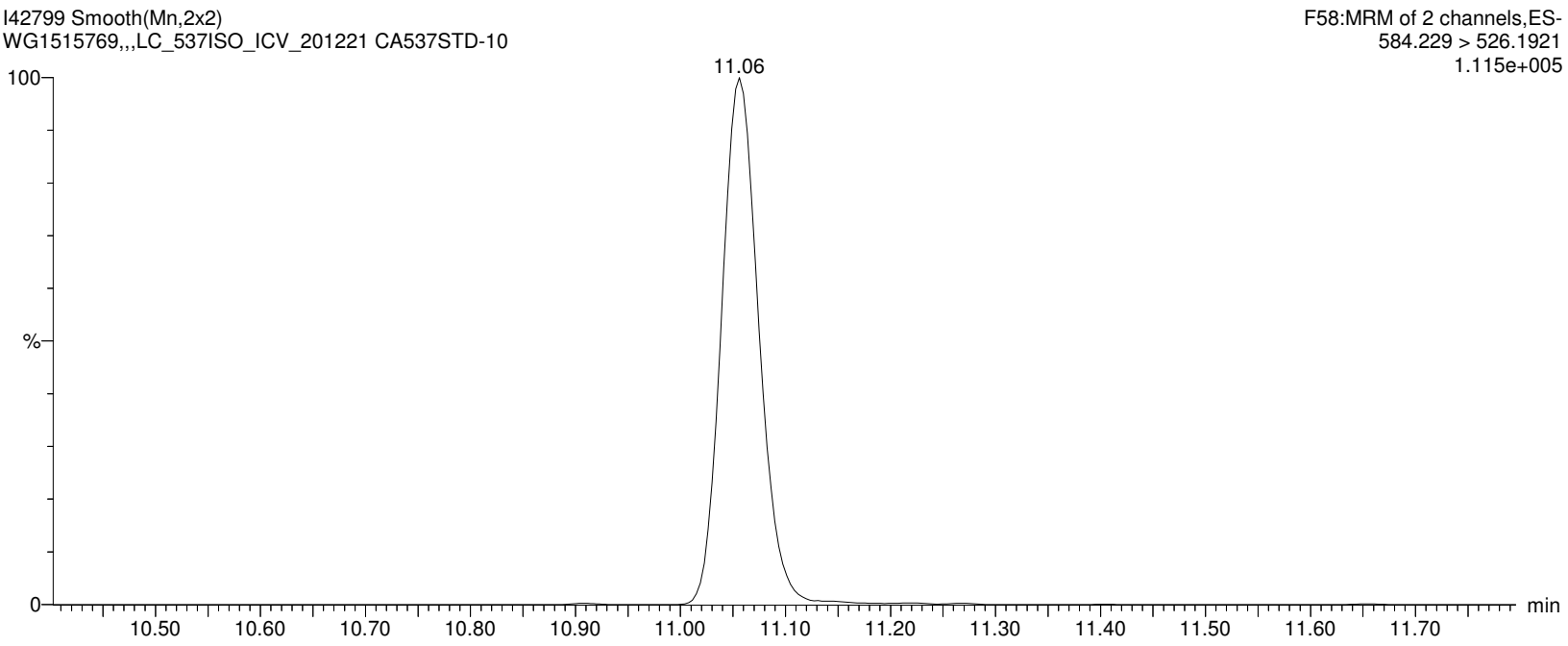
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NEtFOSAA



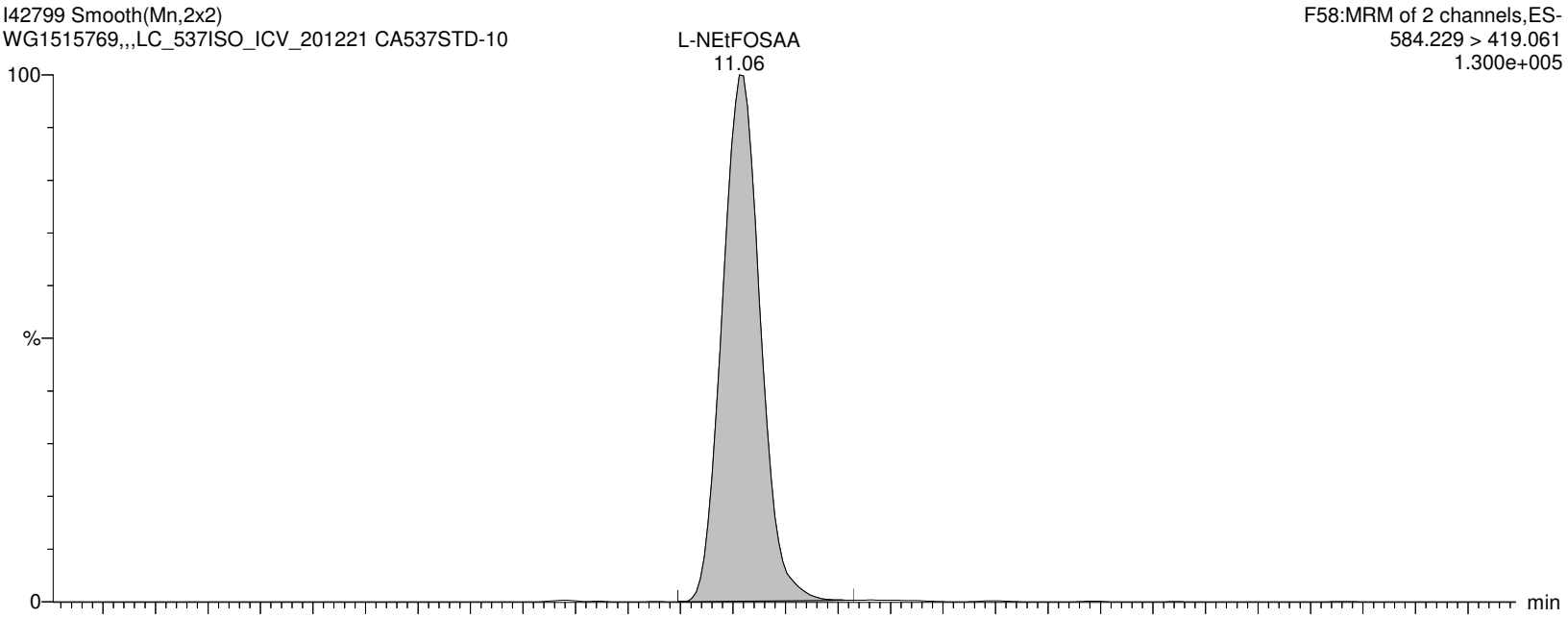


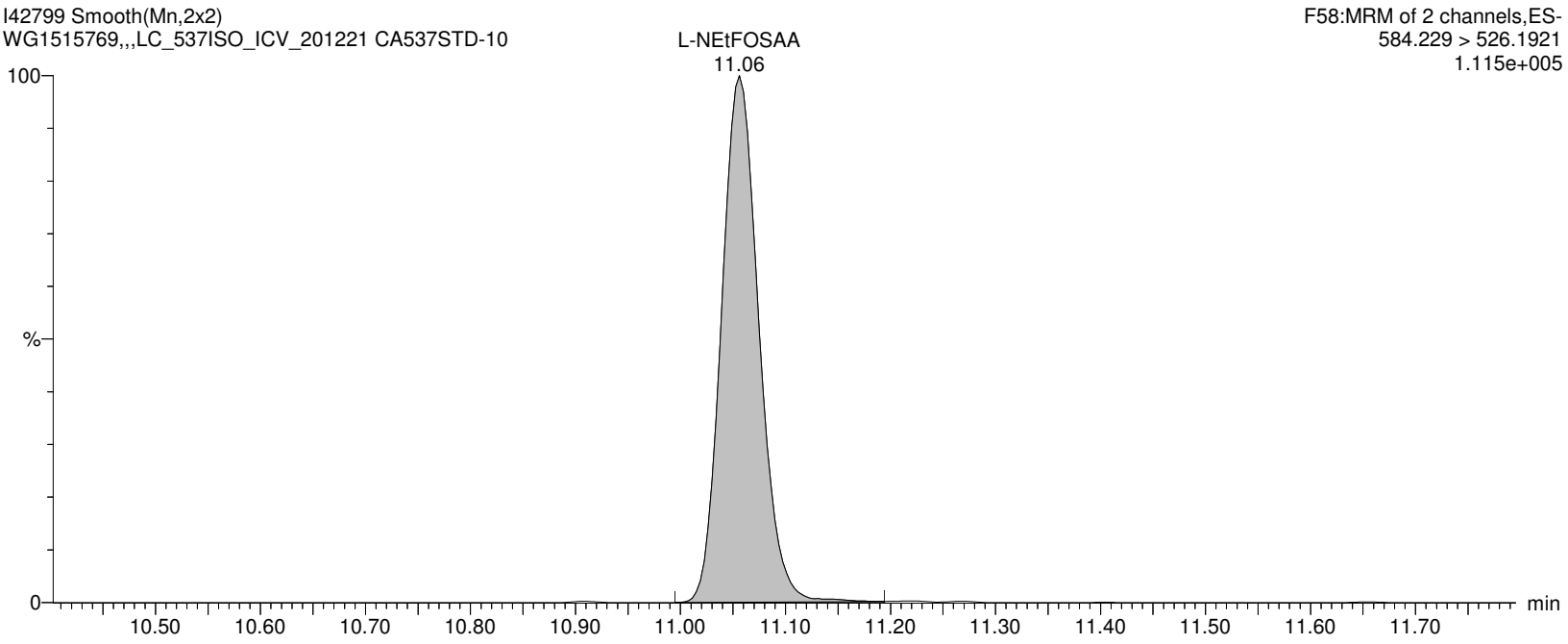
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NEtFOSAA



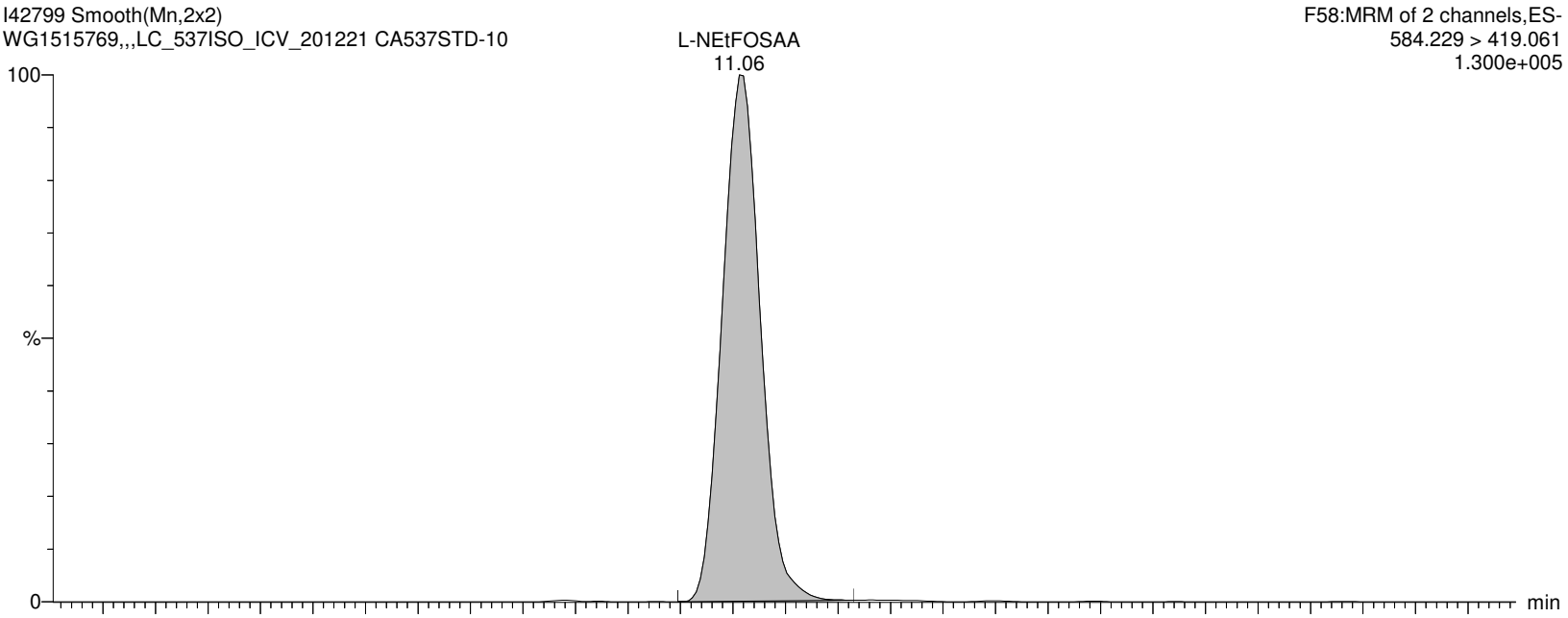


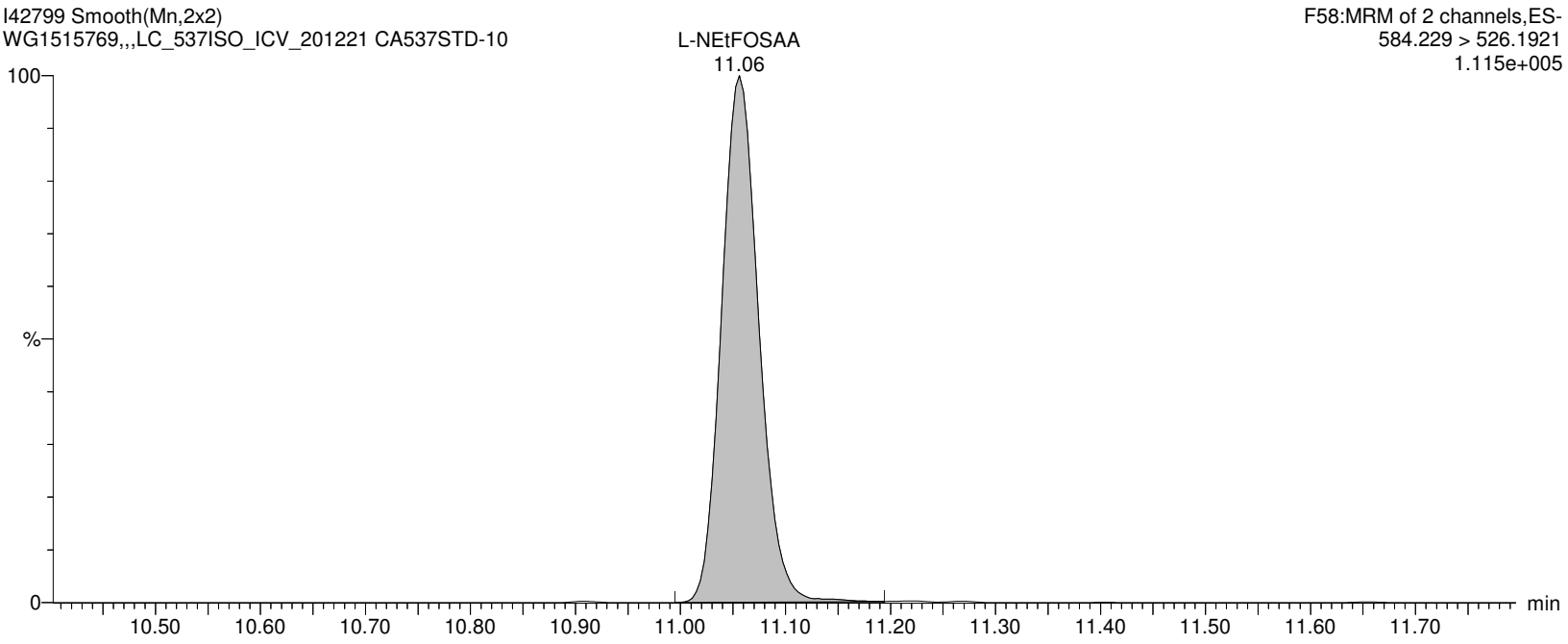
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSAA



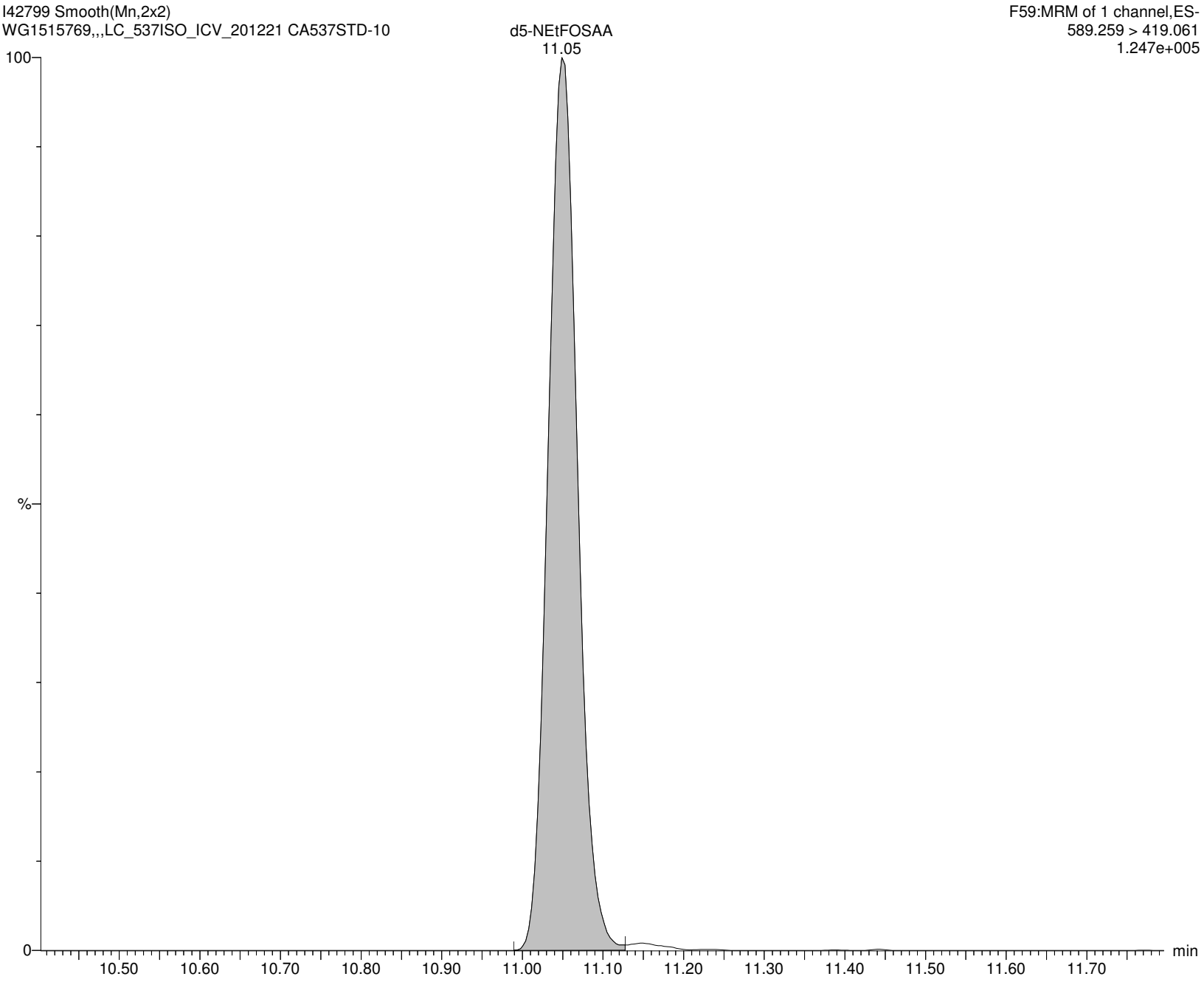


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSAA

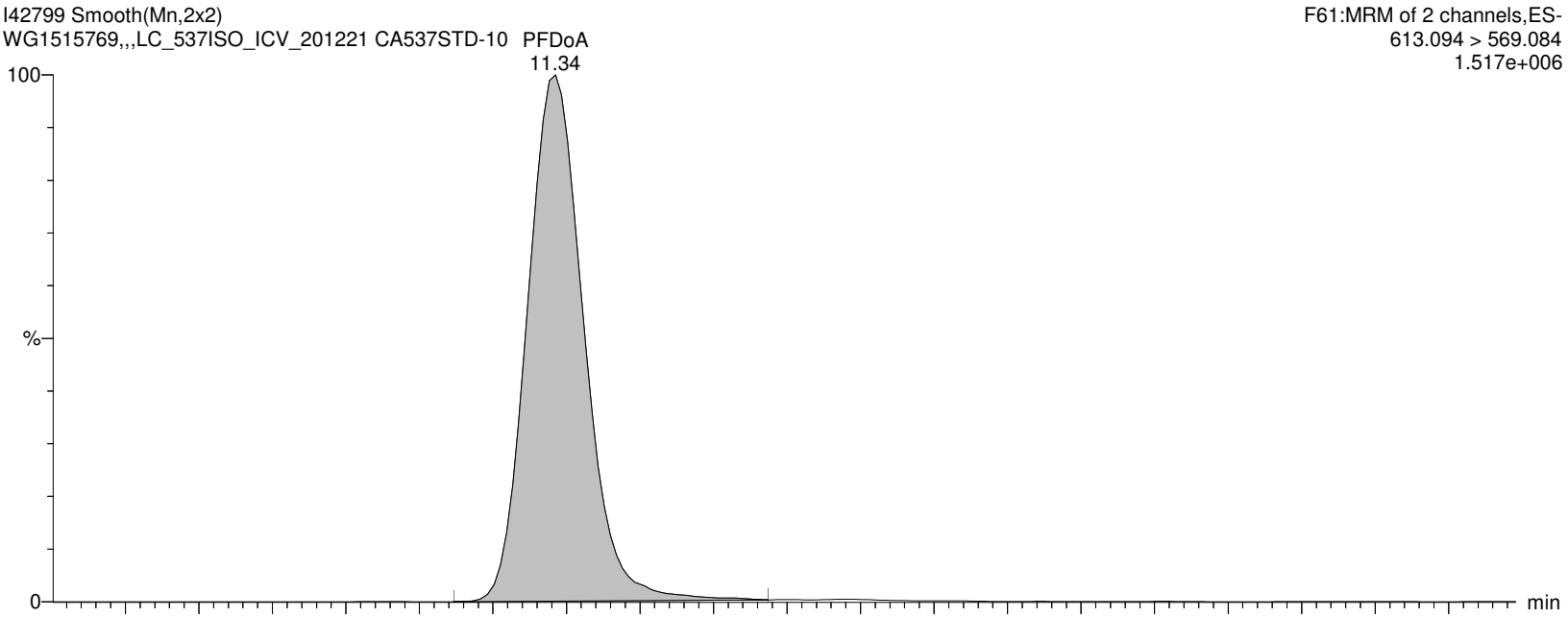


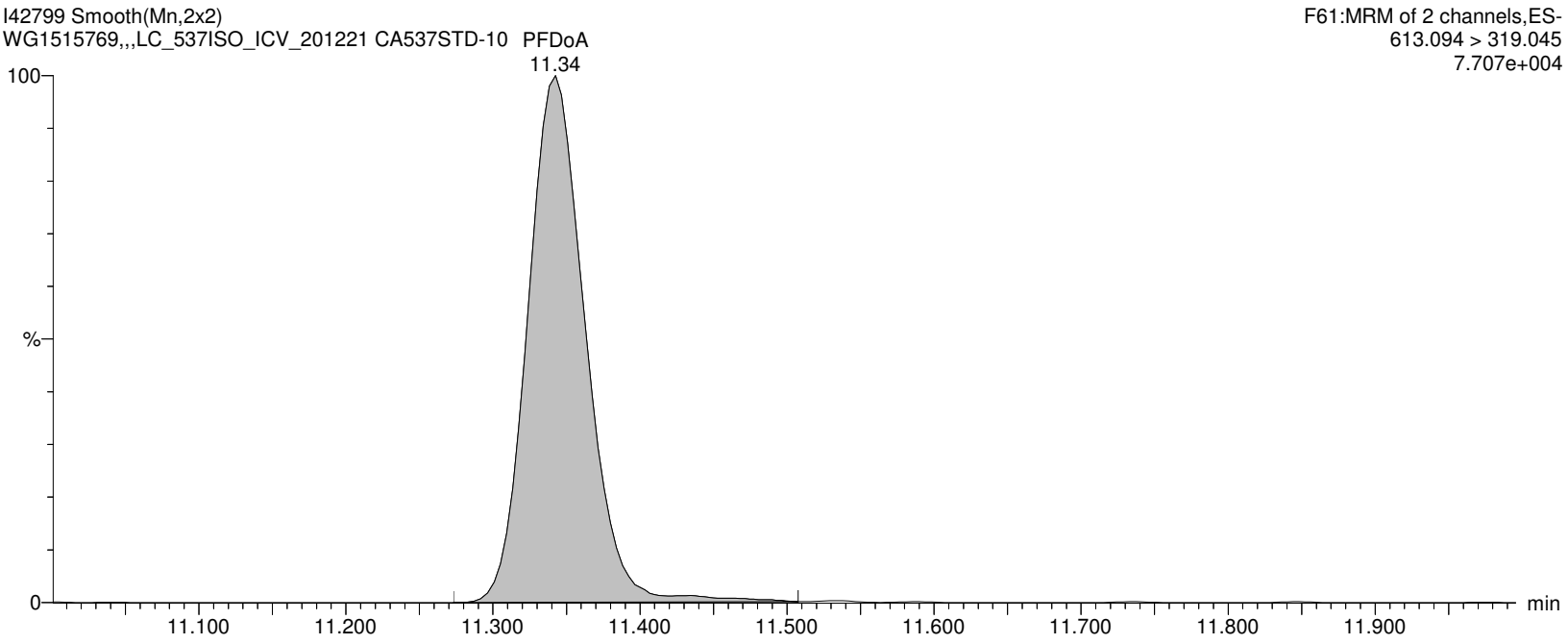
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoA



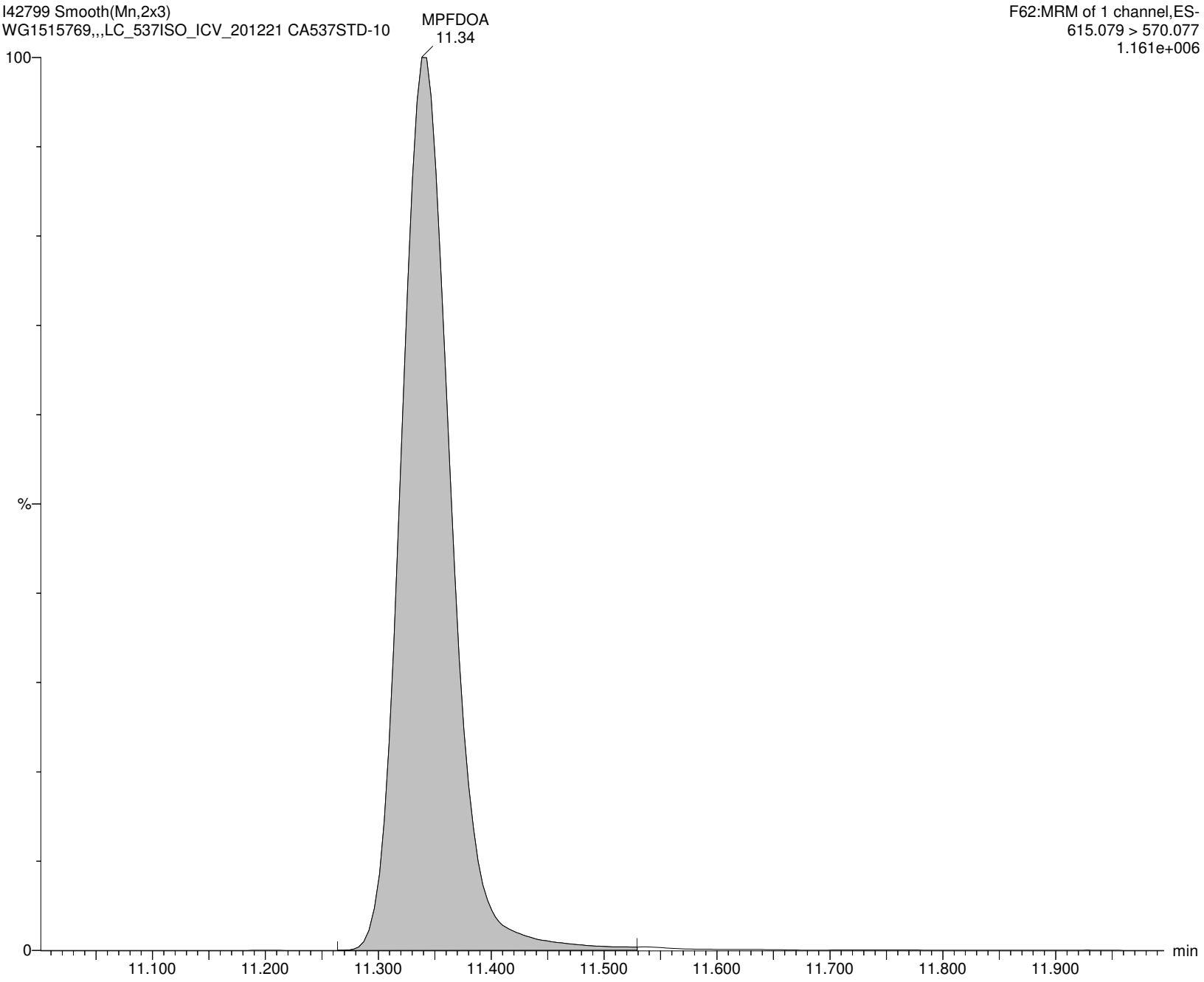


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFDOA

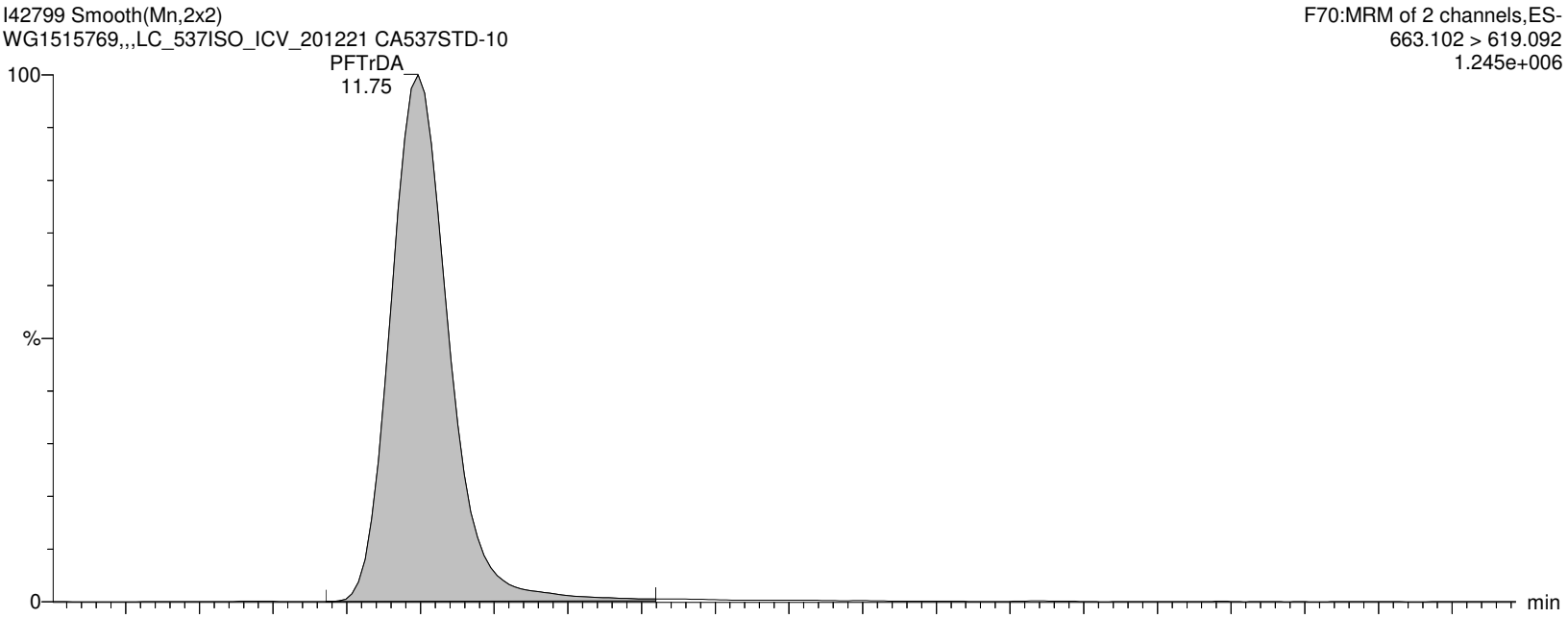


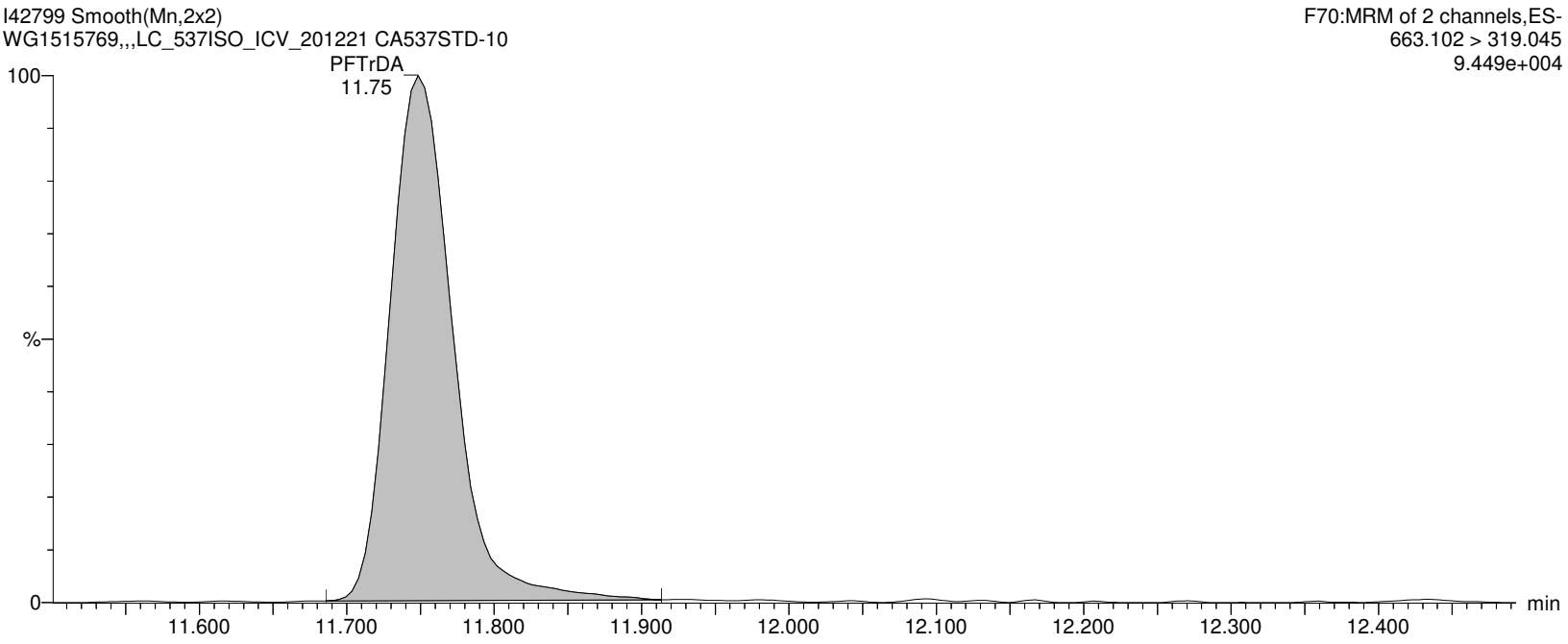
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTrDA



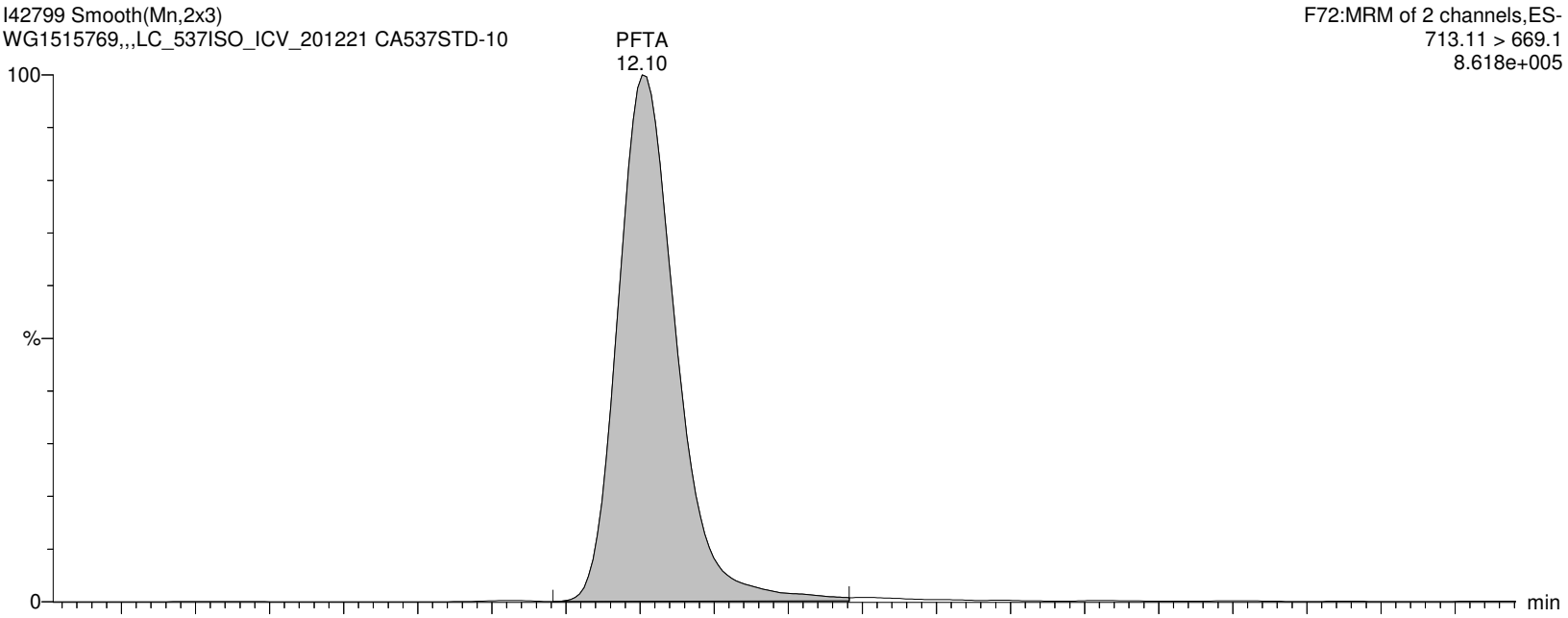


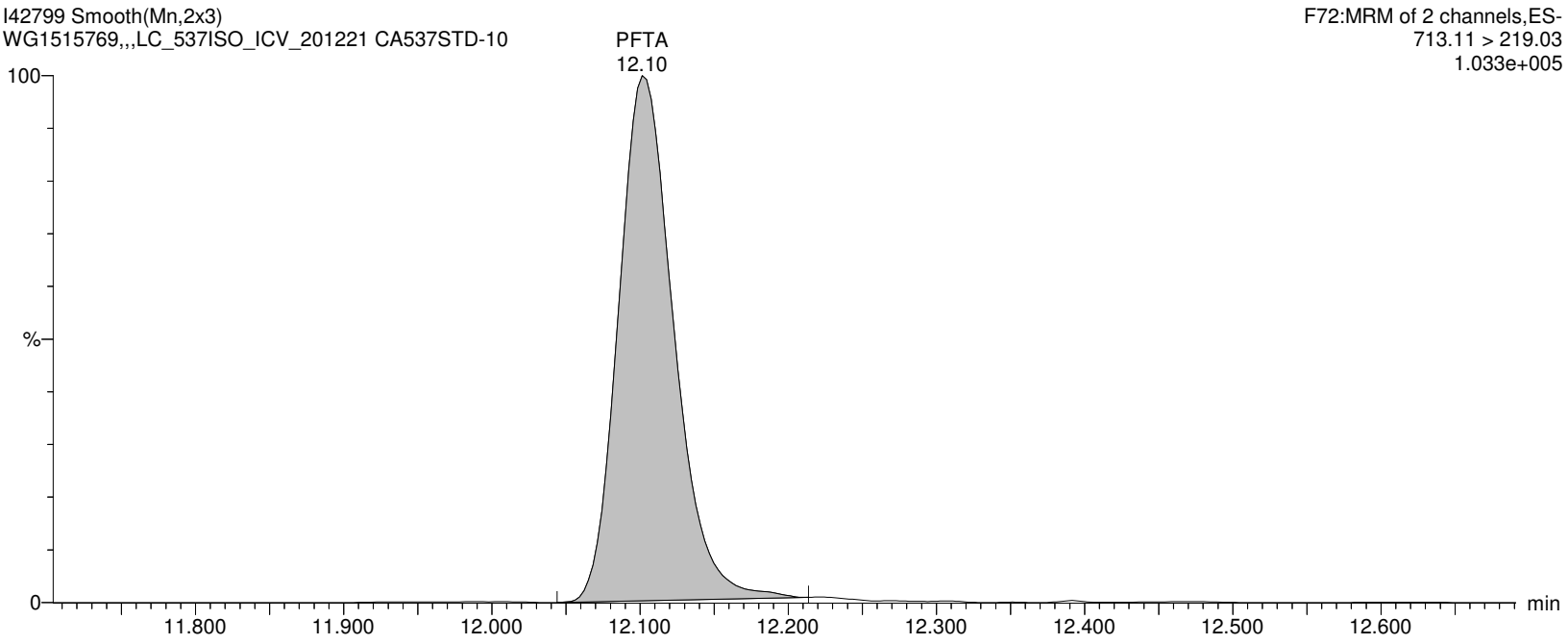
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTA



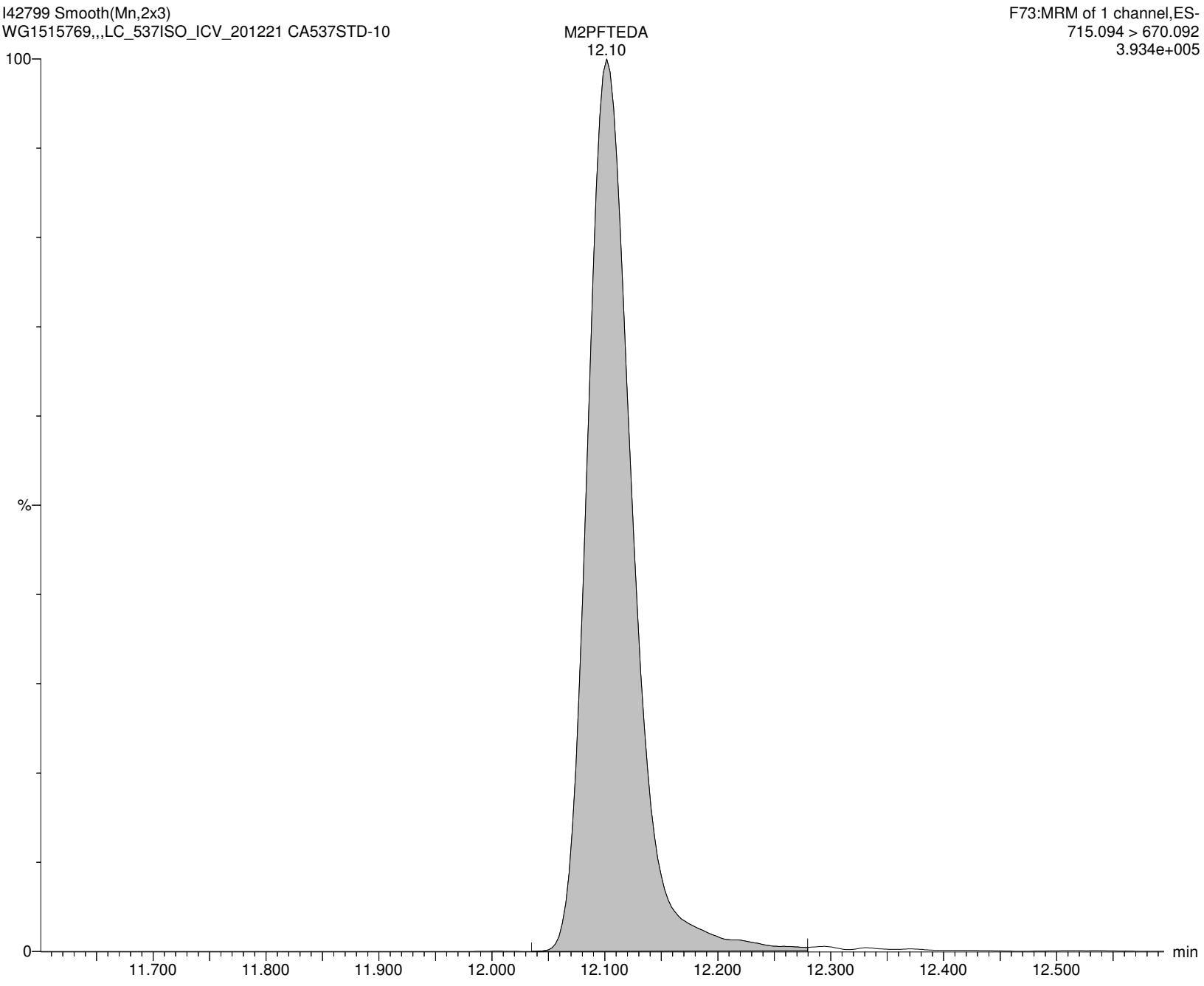


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFTEDA

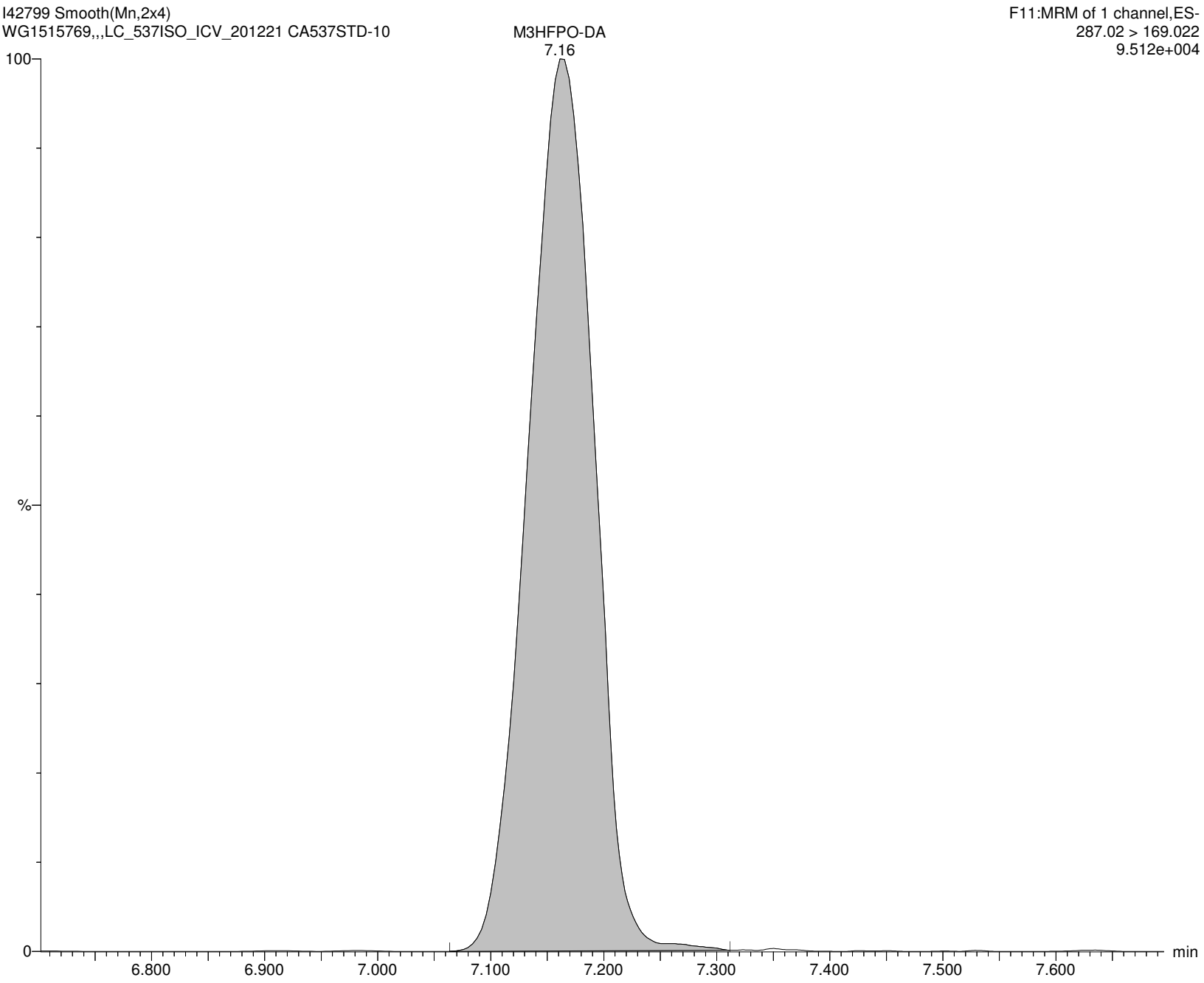


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3HFPO-DA

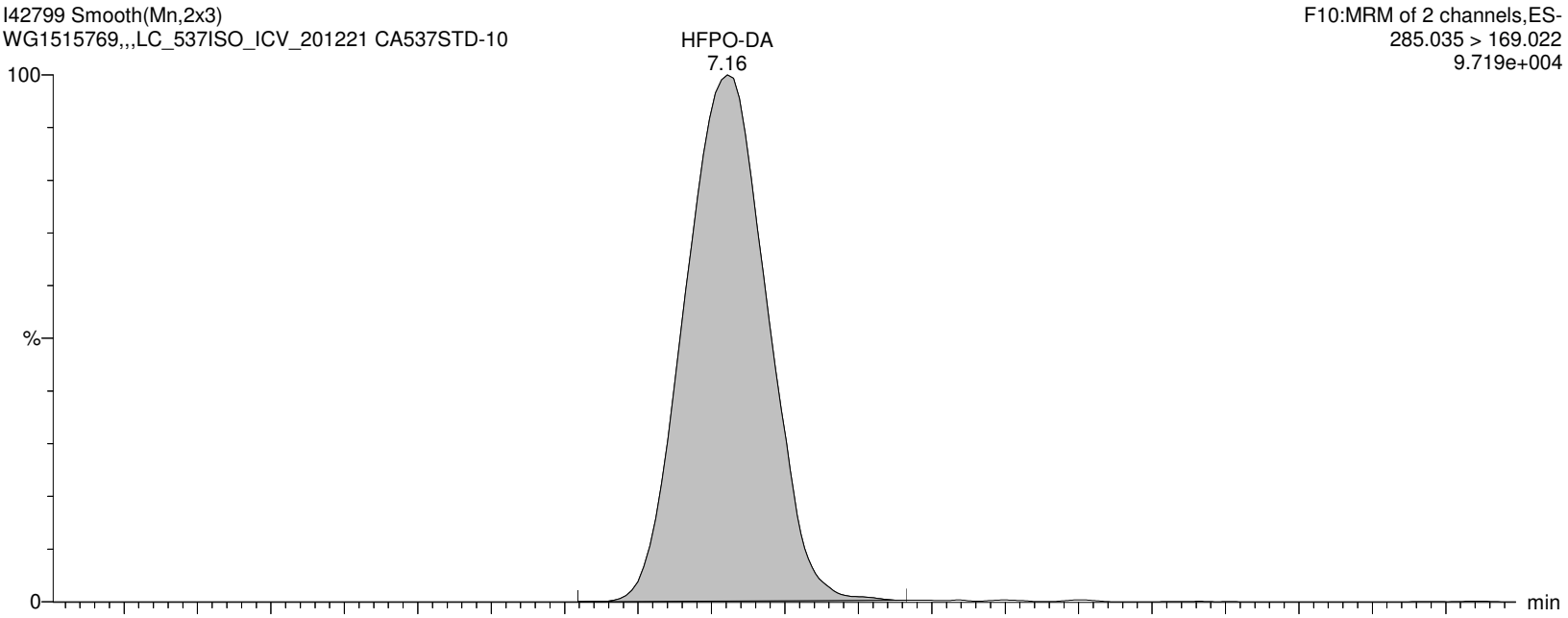


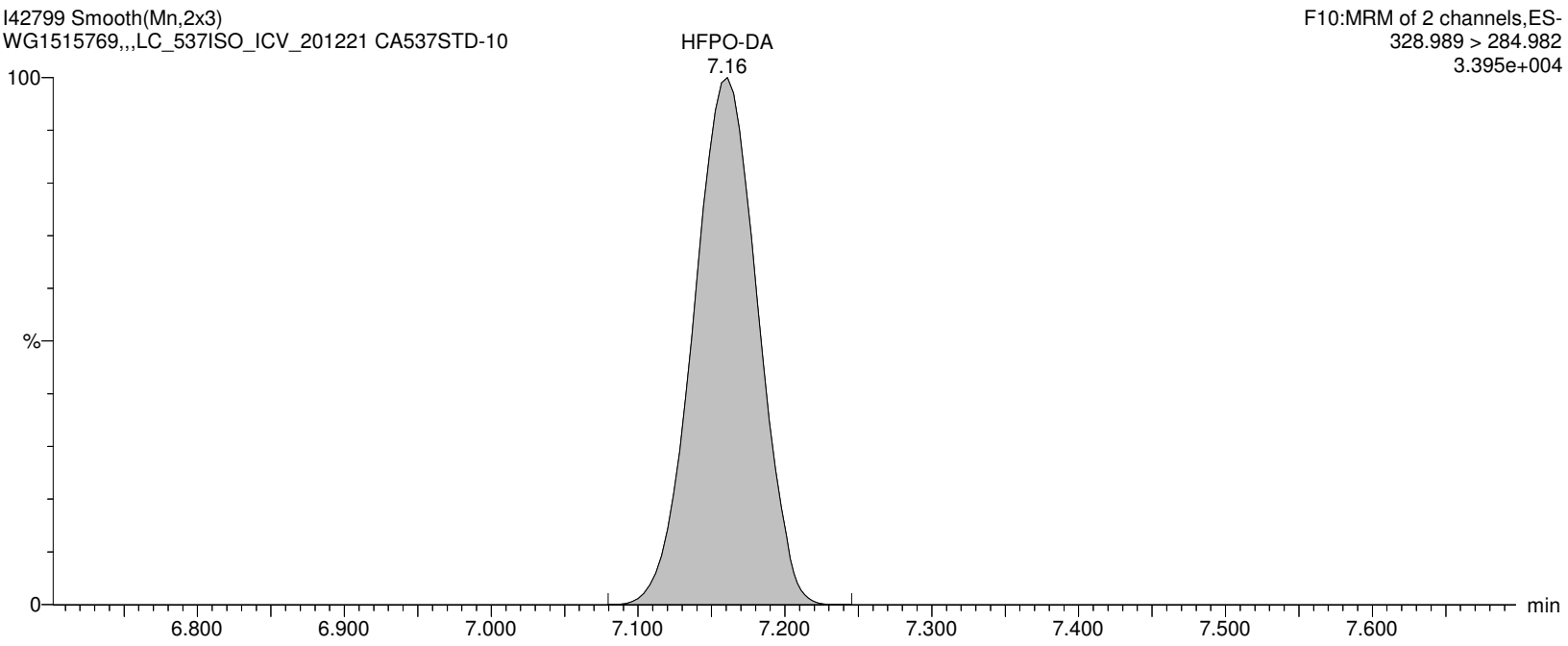
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

HFPO-DA



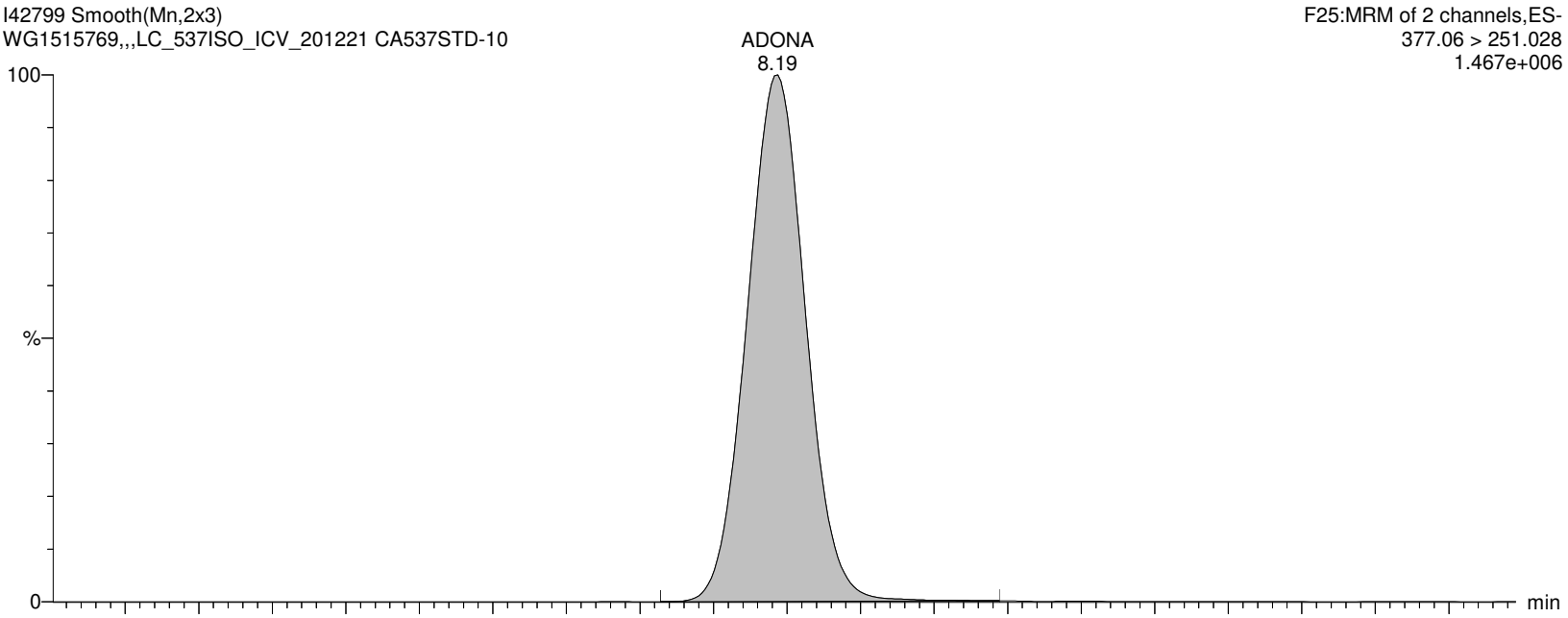


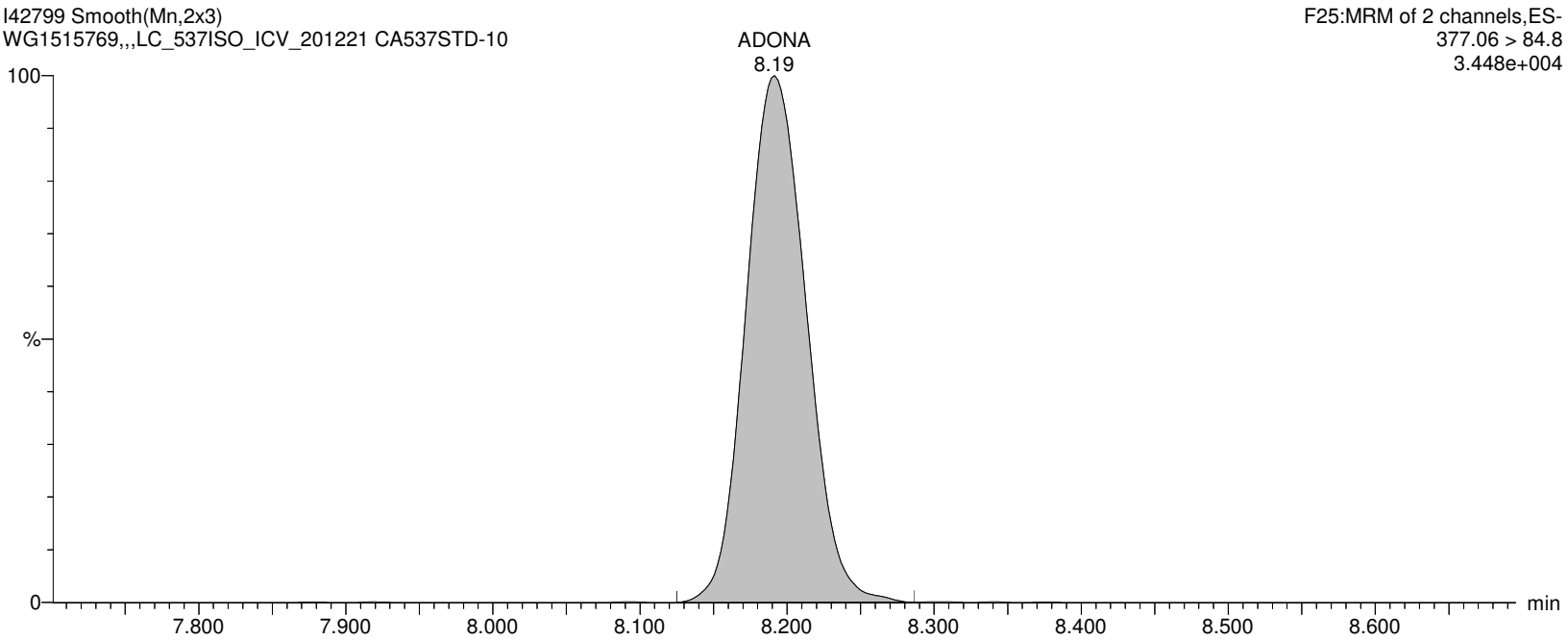
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

ADONA



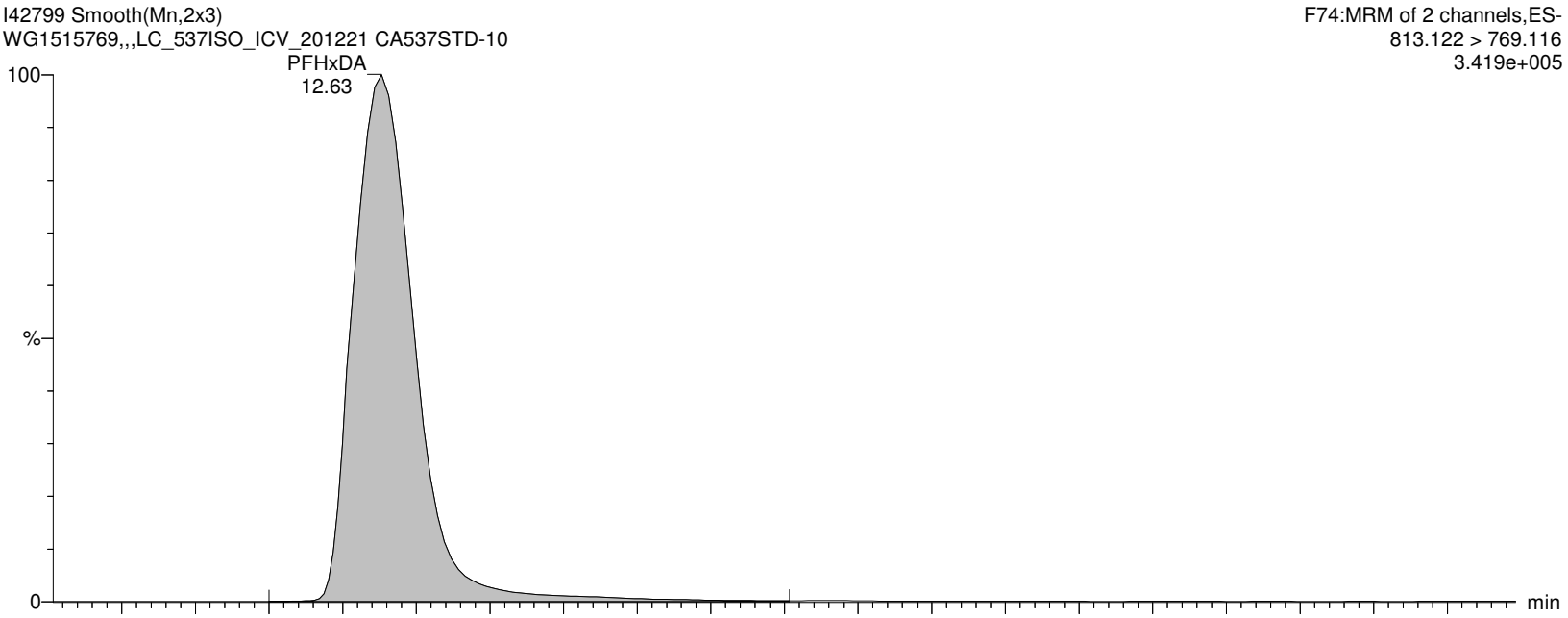


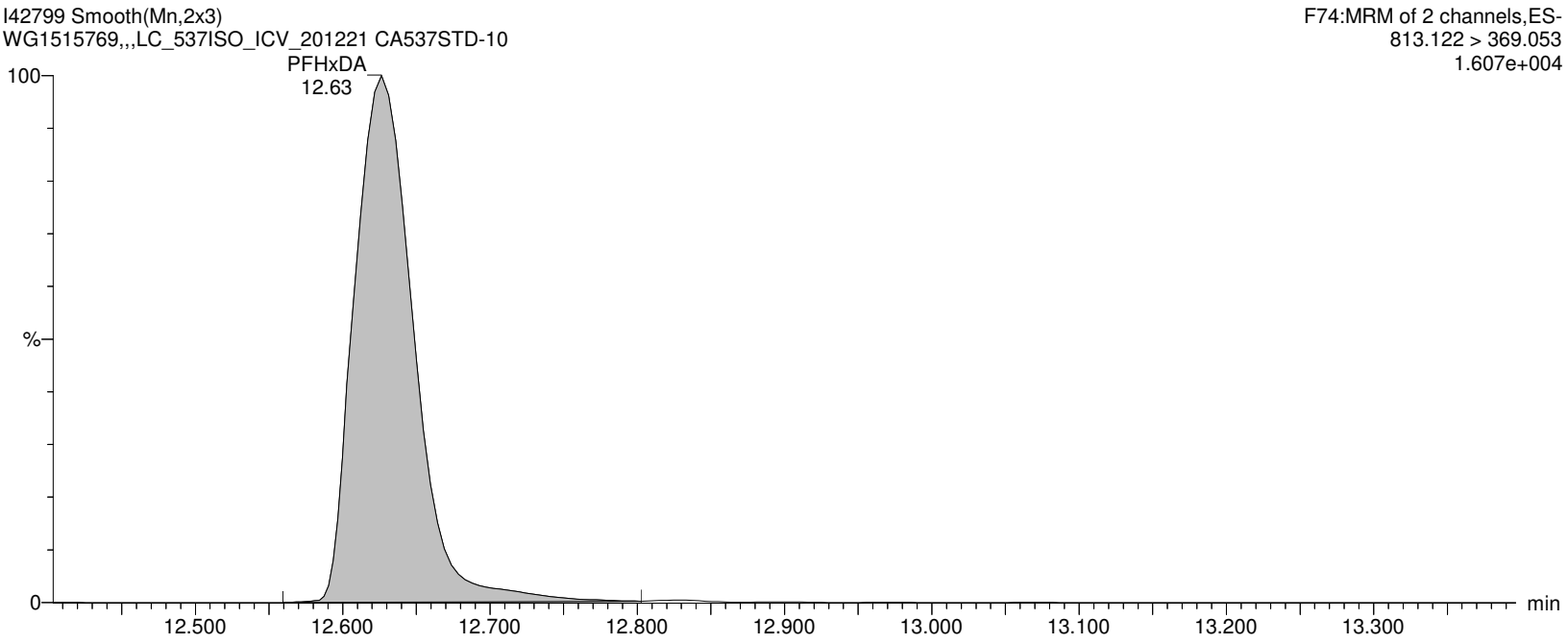
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxDA



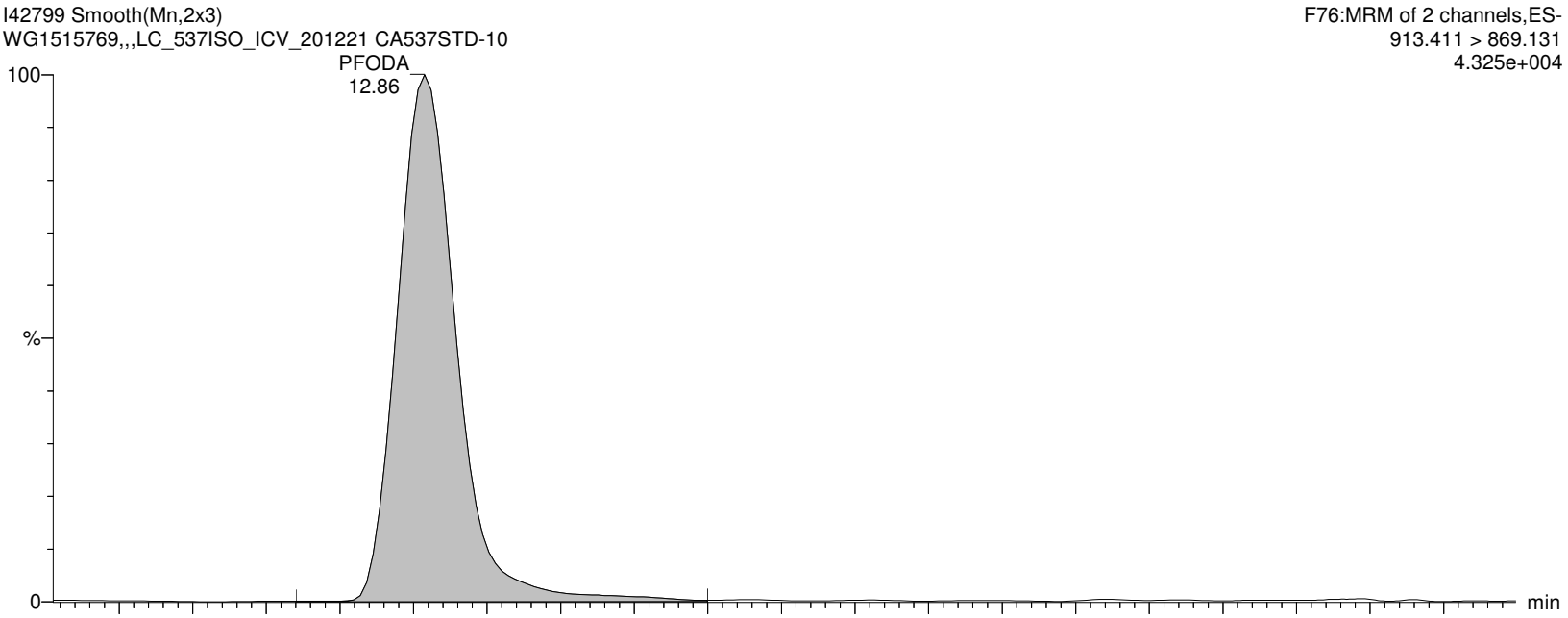


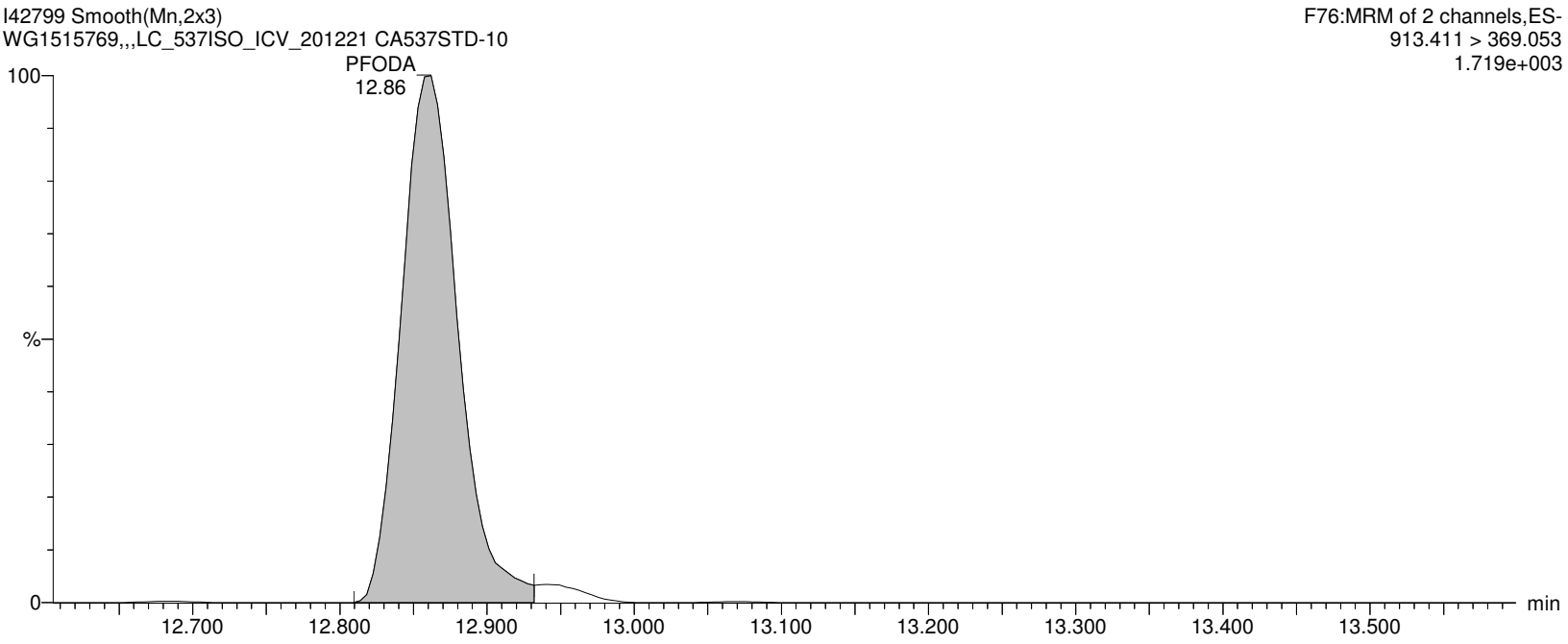
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFODA



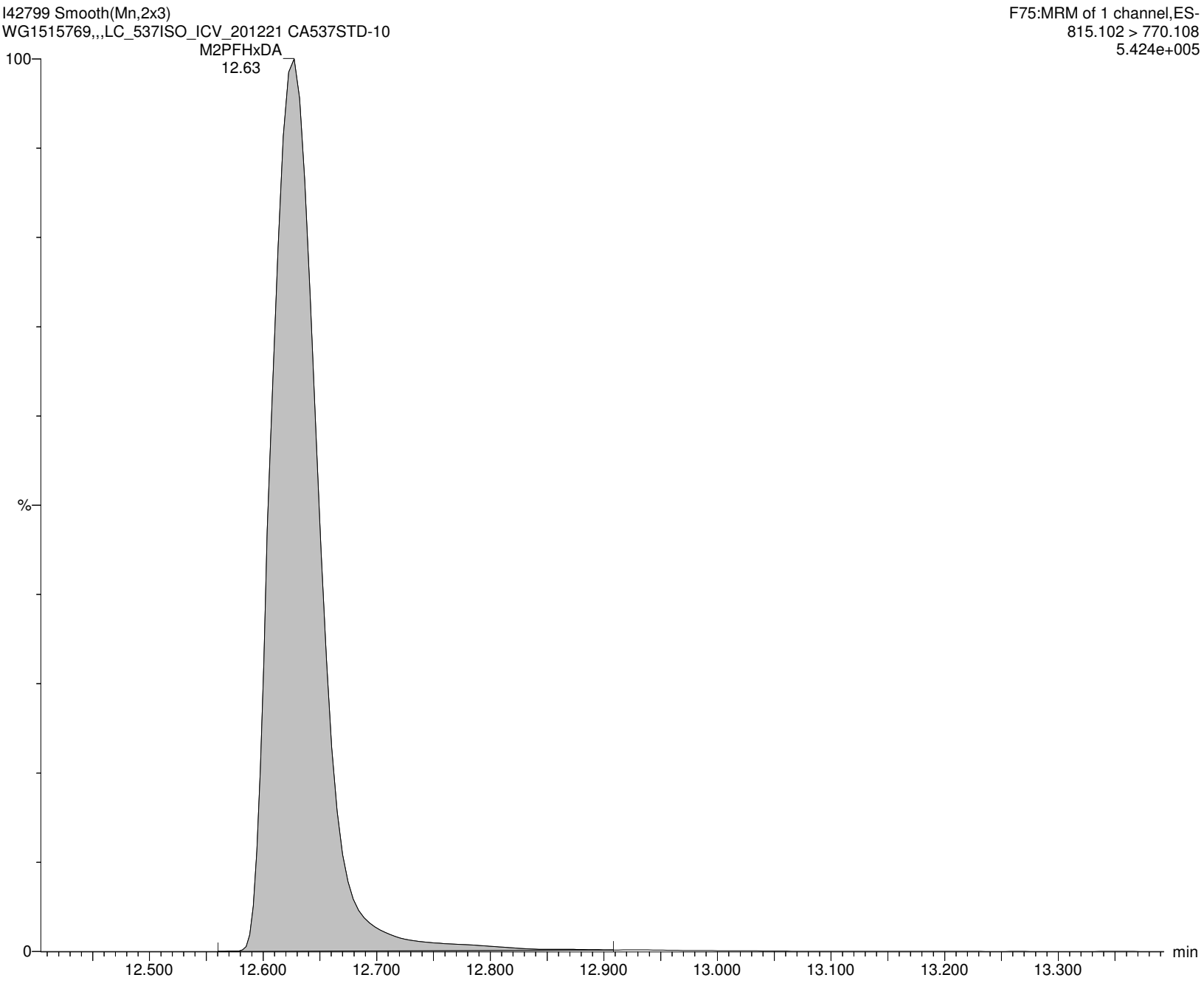


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFHxDA

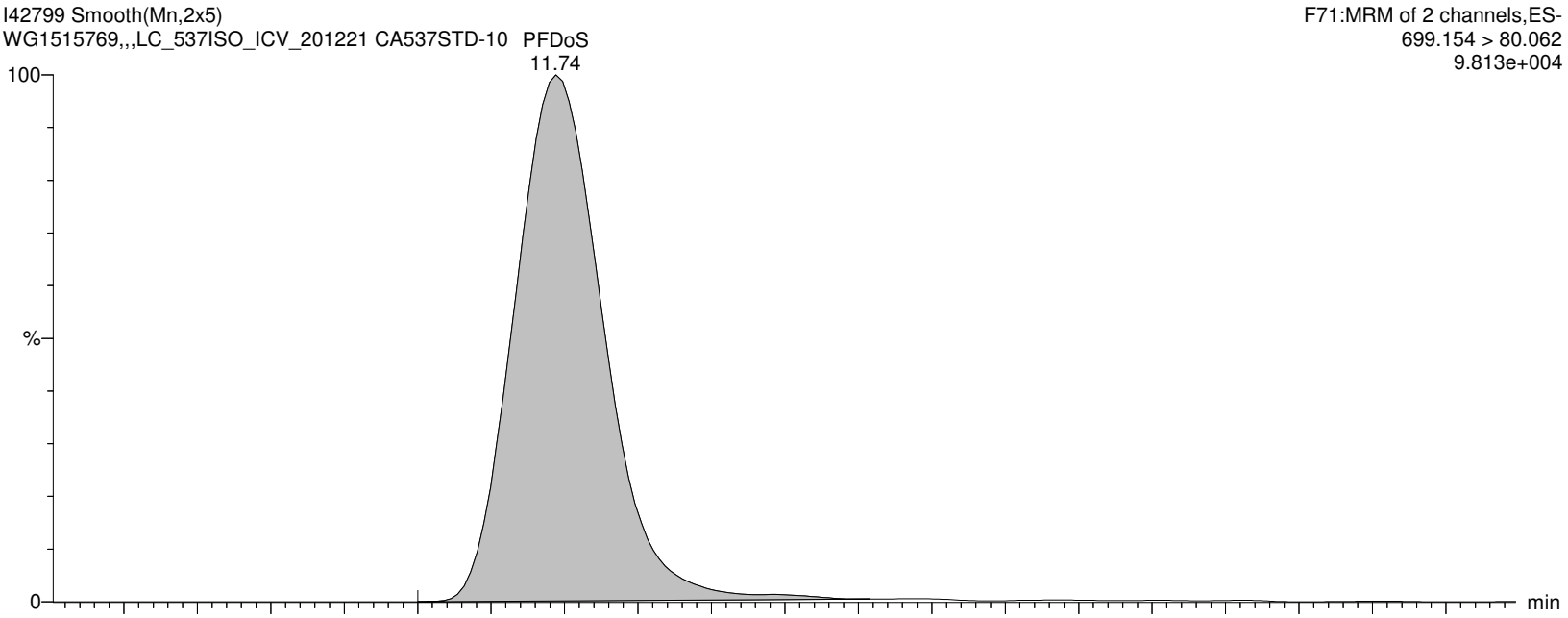


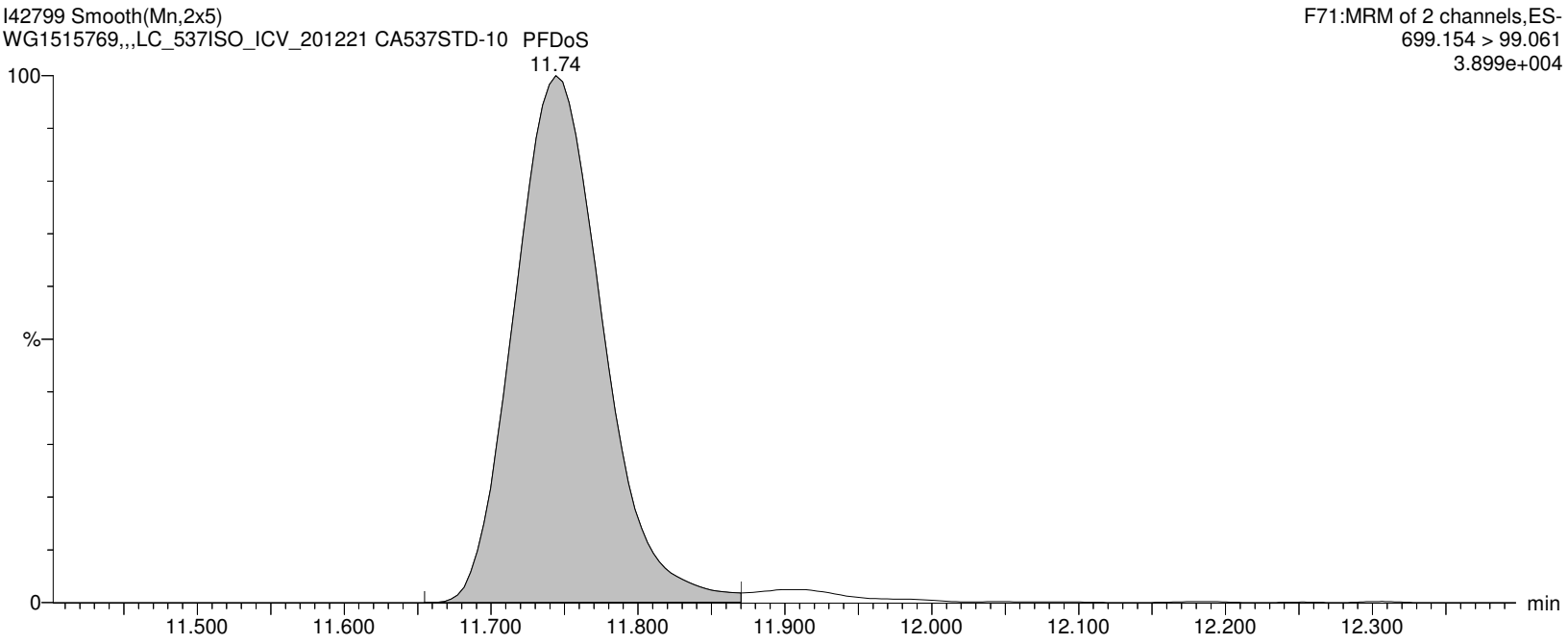
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoS



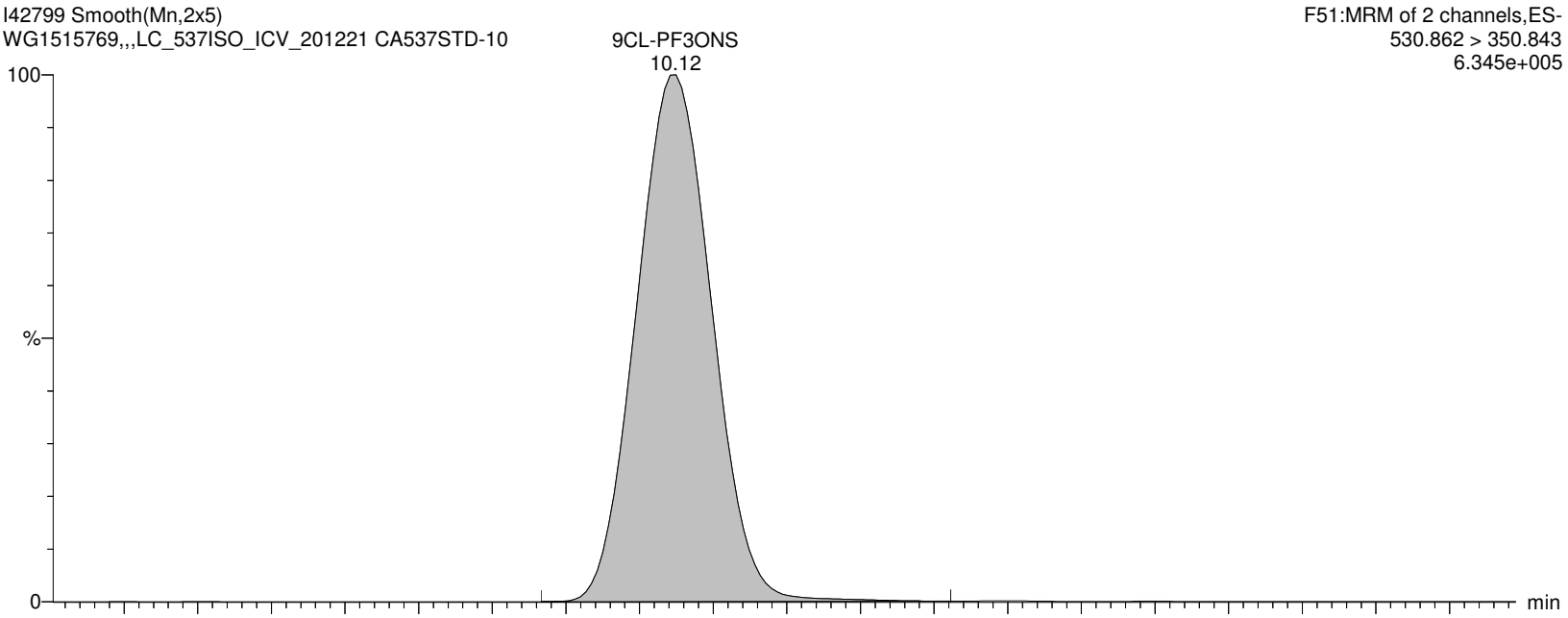


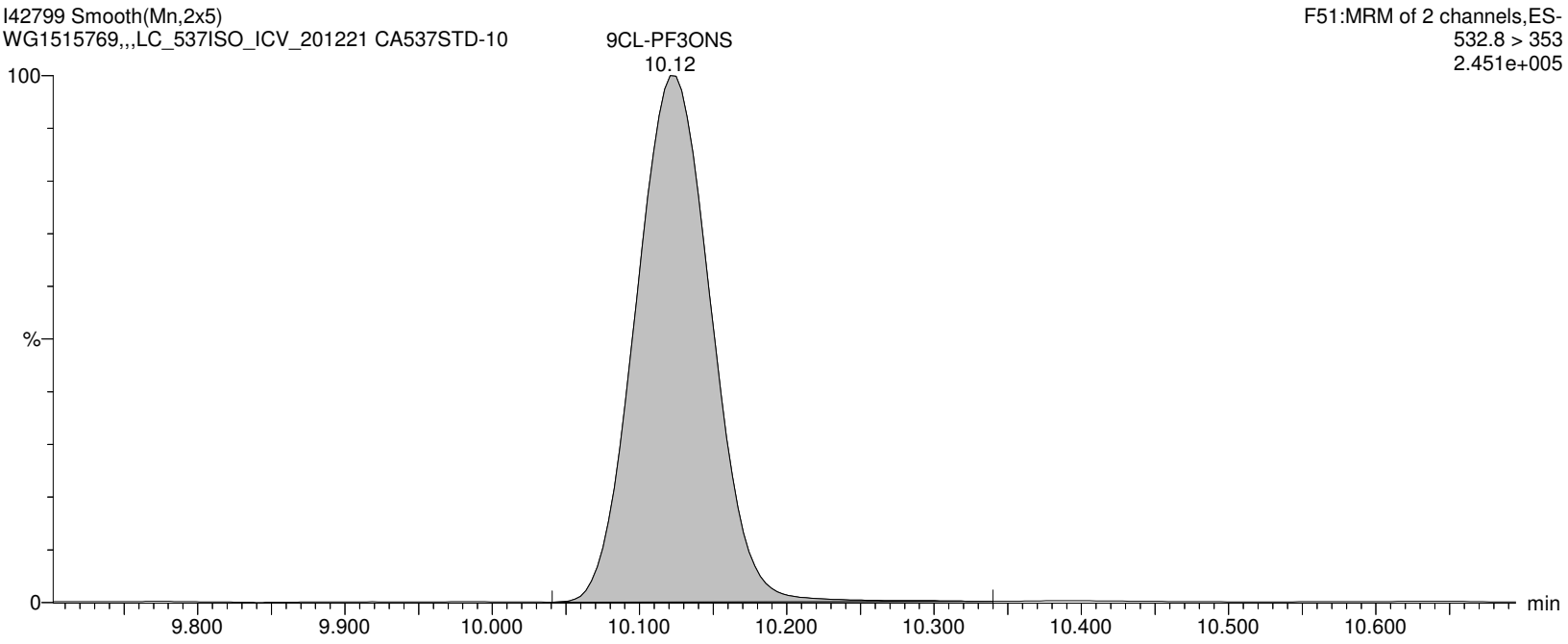
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

9CL-PF3ONS



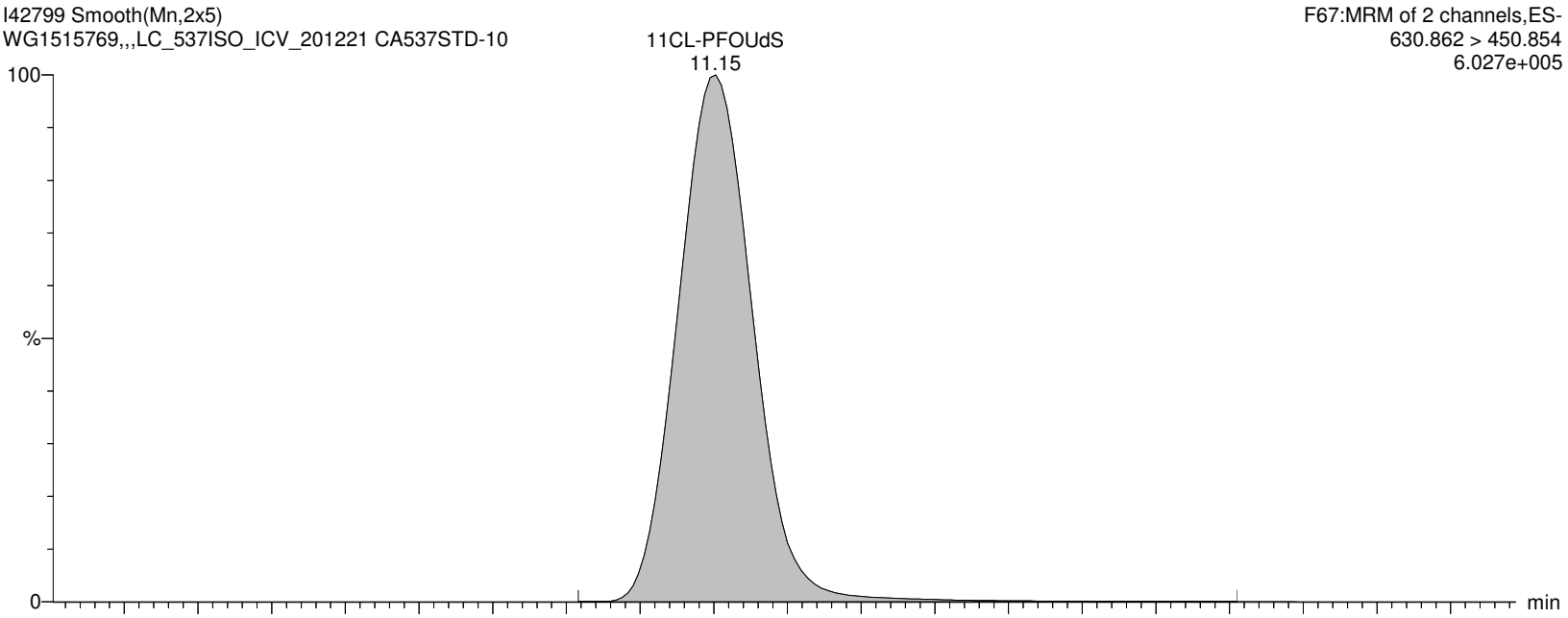


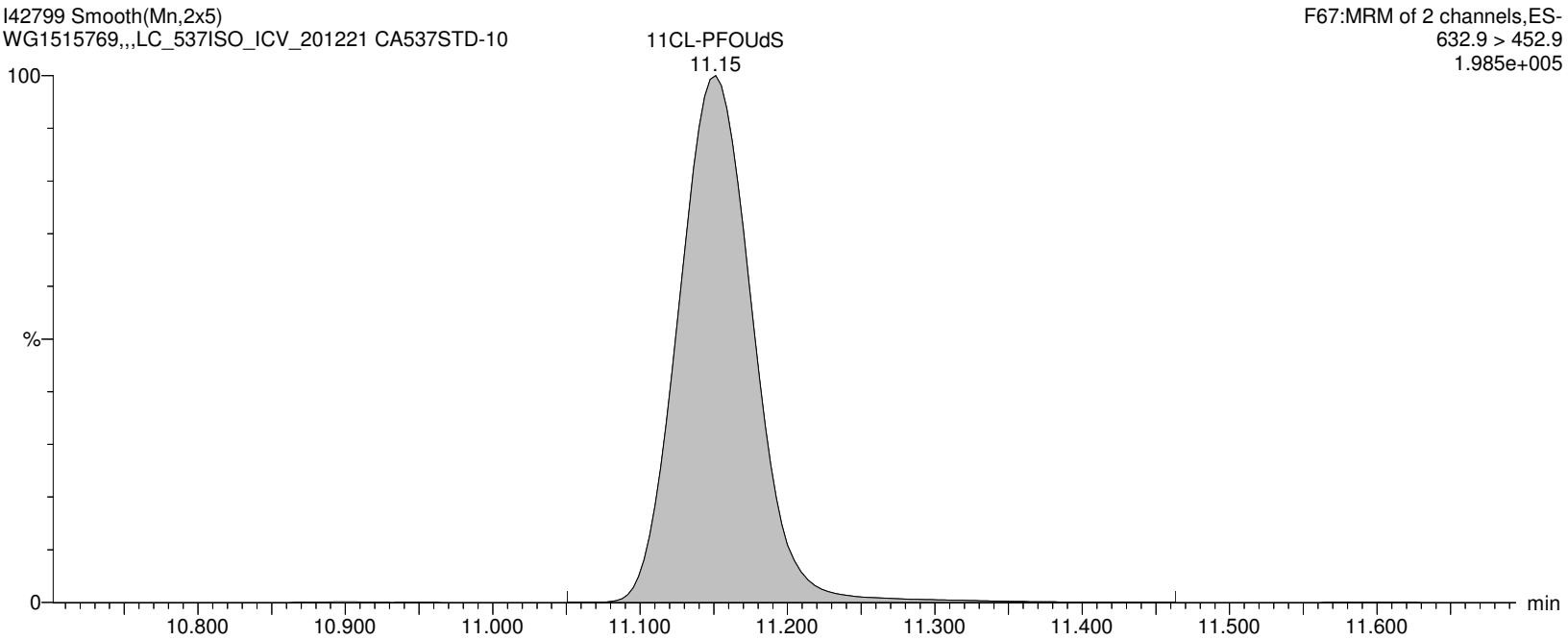
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

11CL-PFOUdS



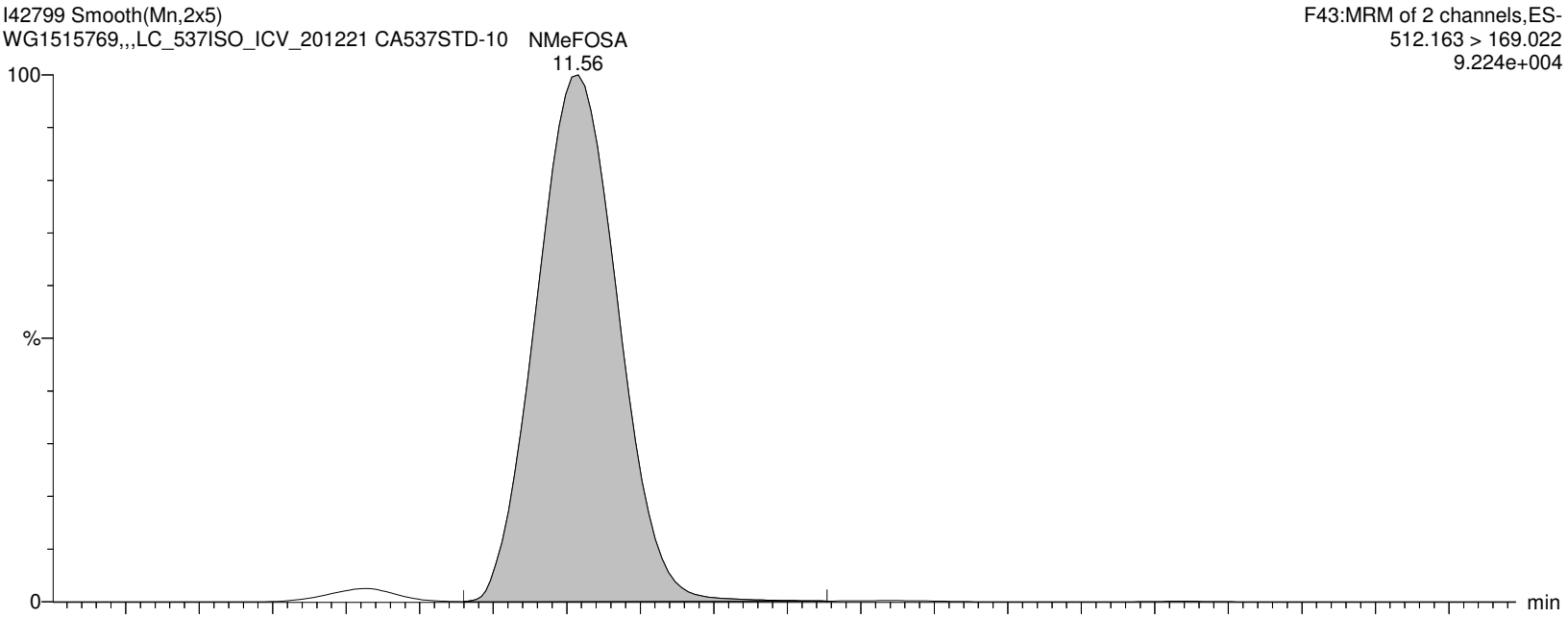


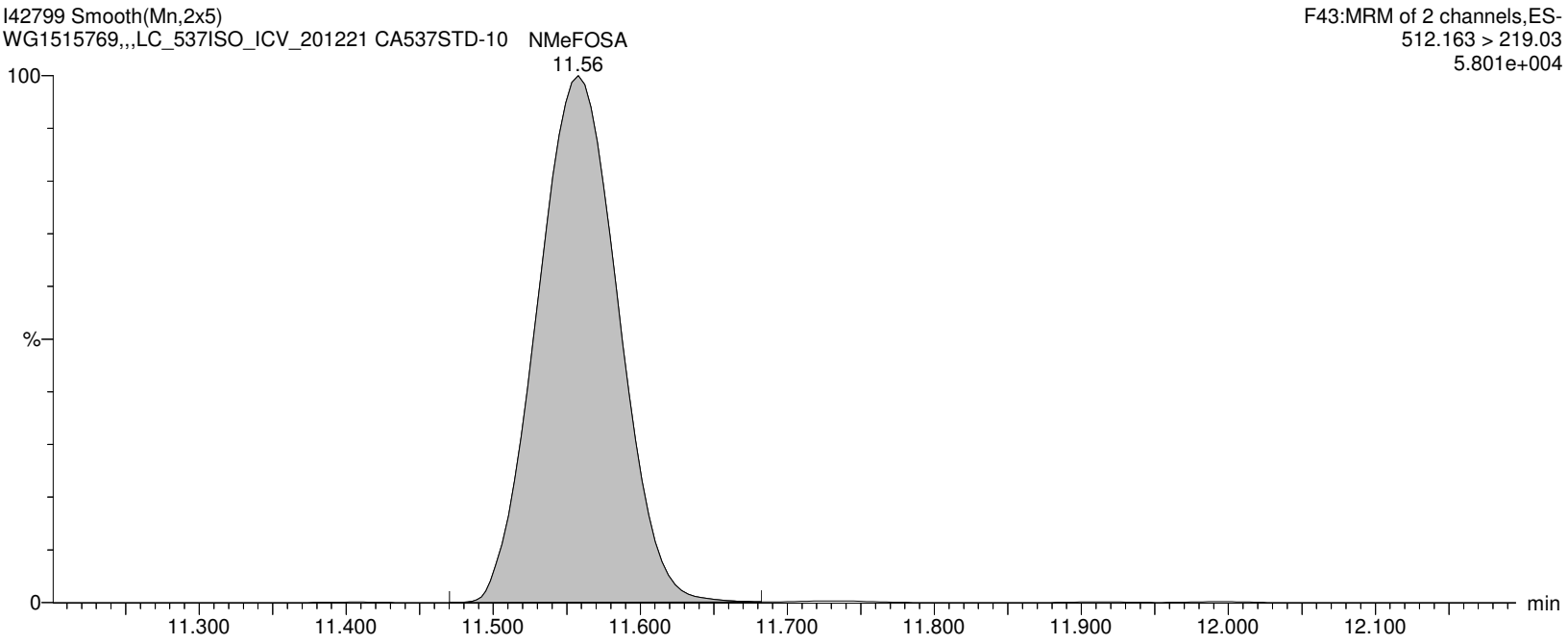
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSA



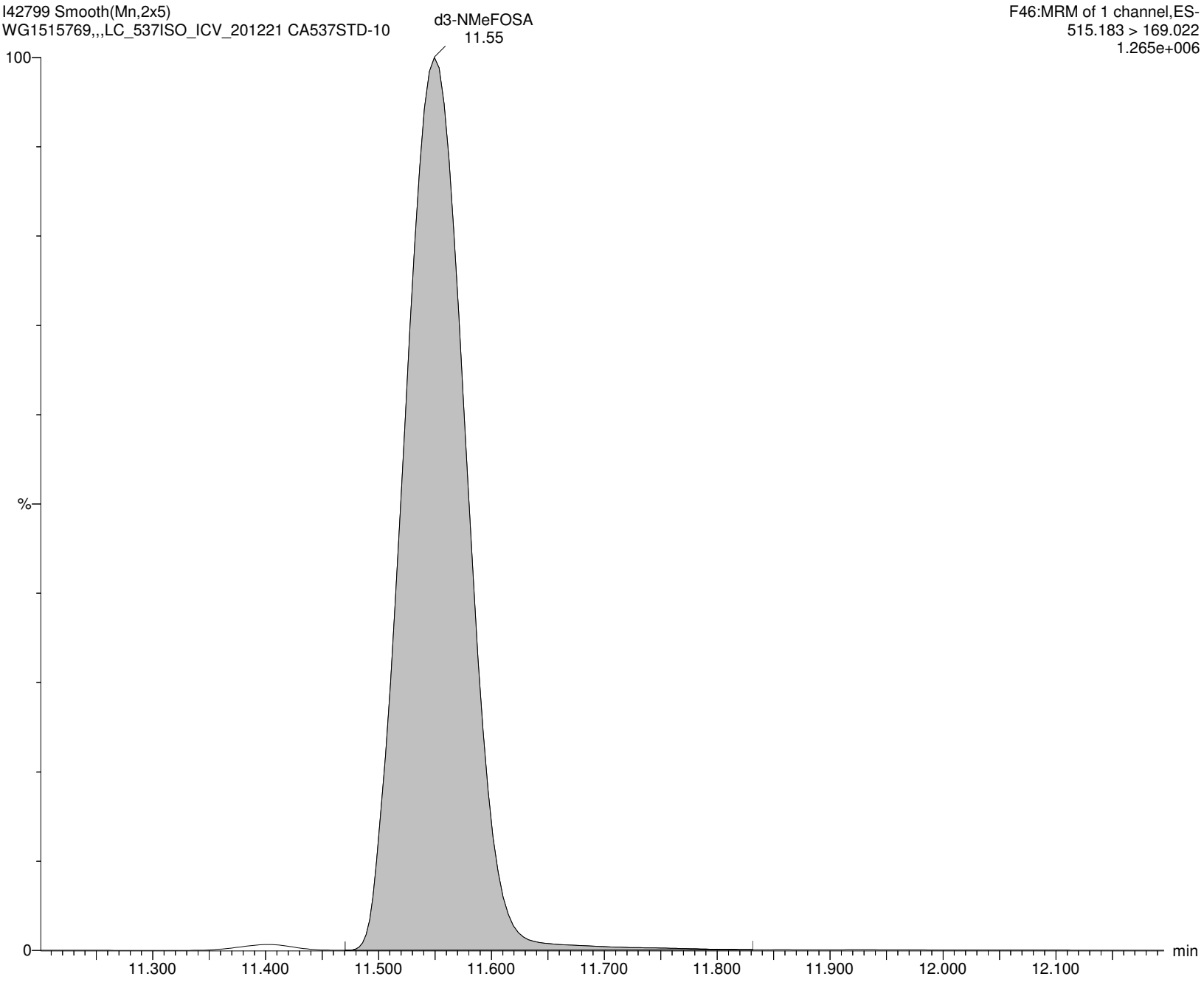


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSA

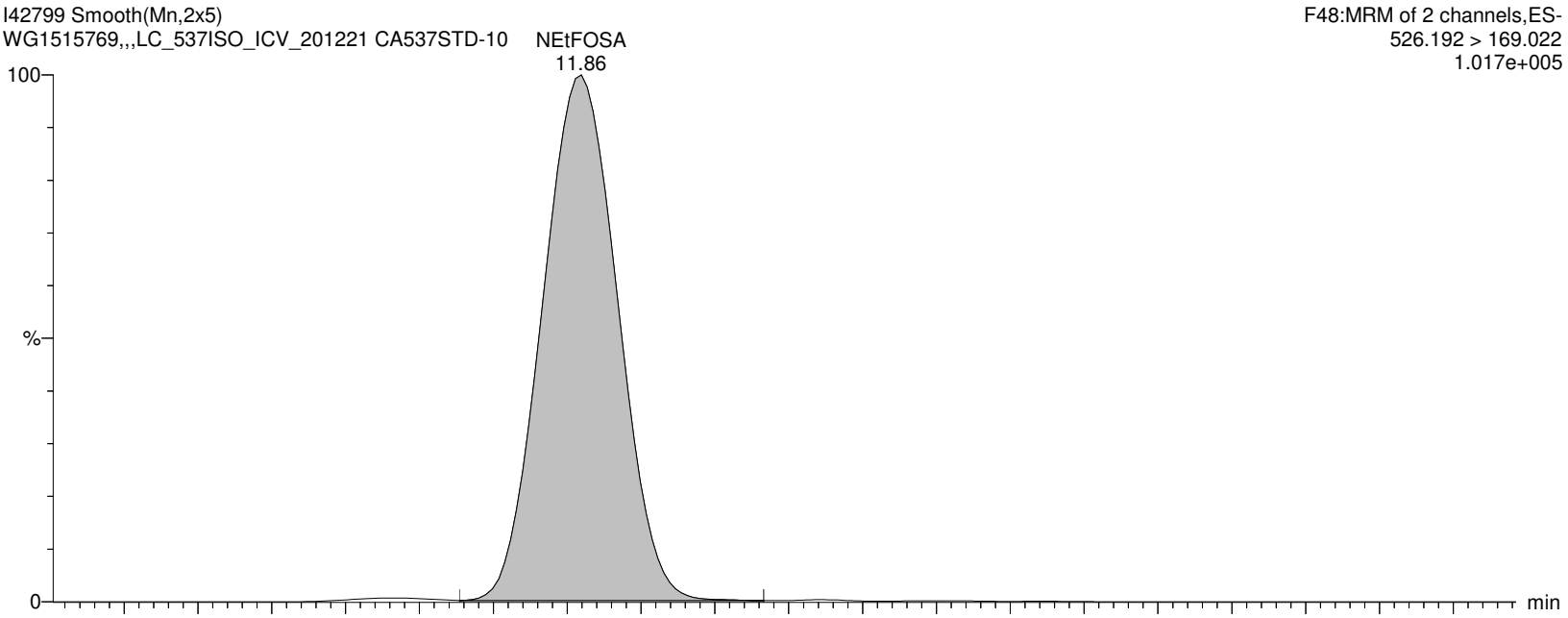


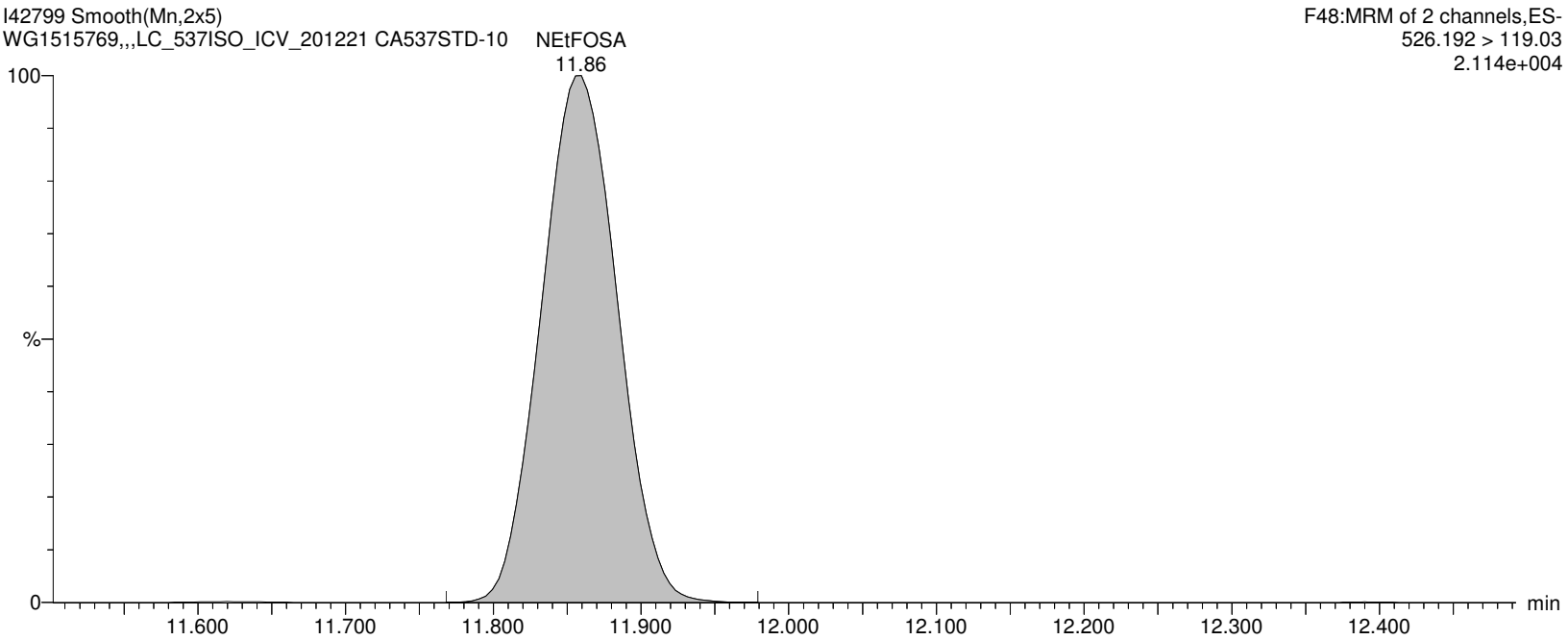
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSA



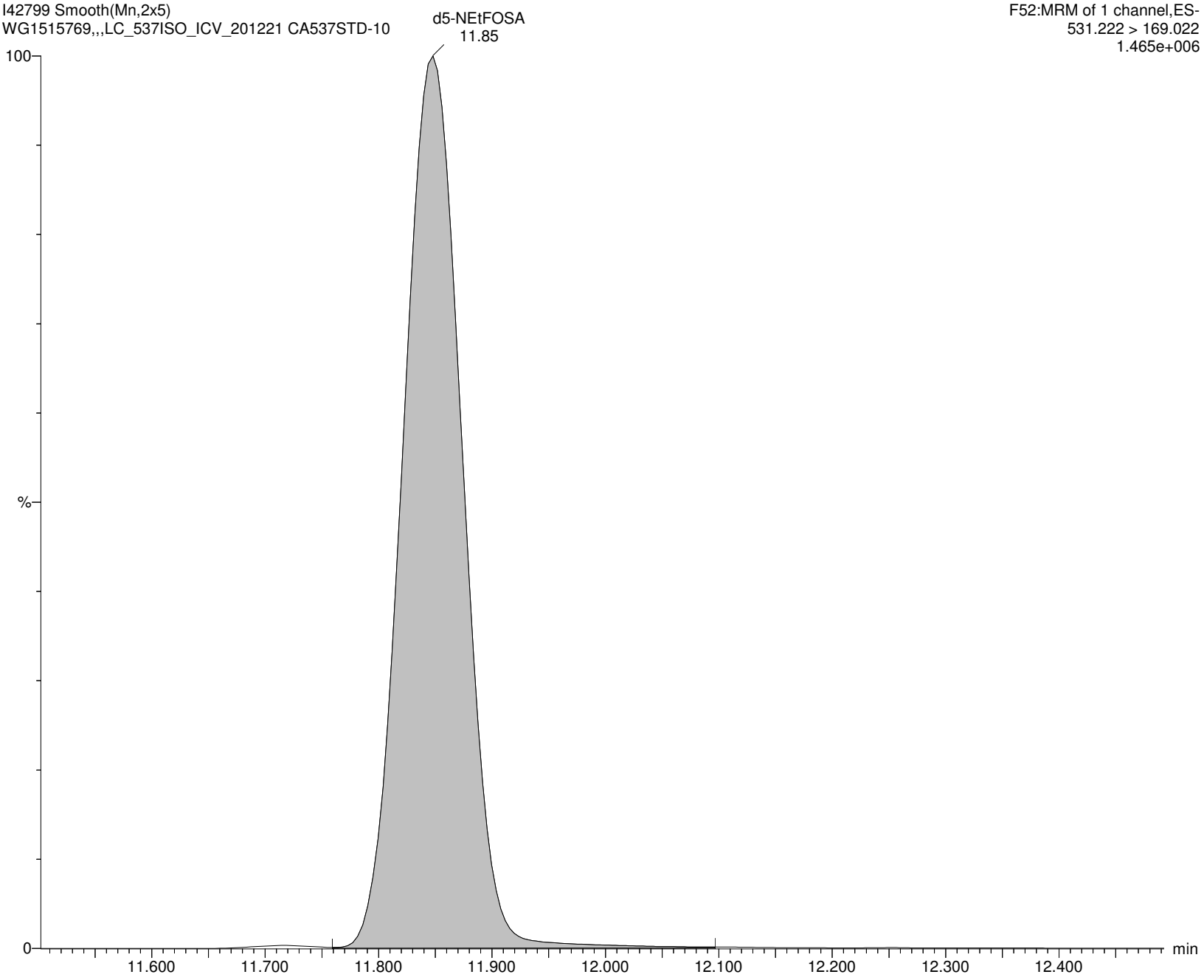


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSA

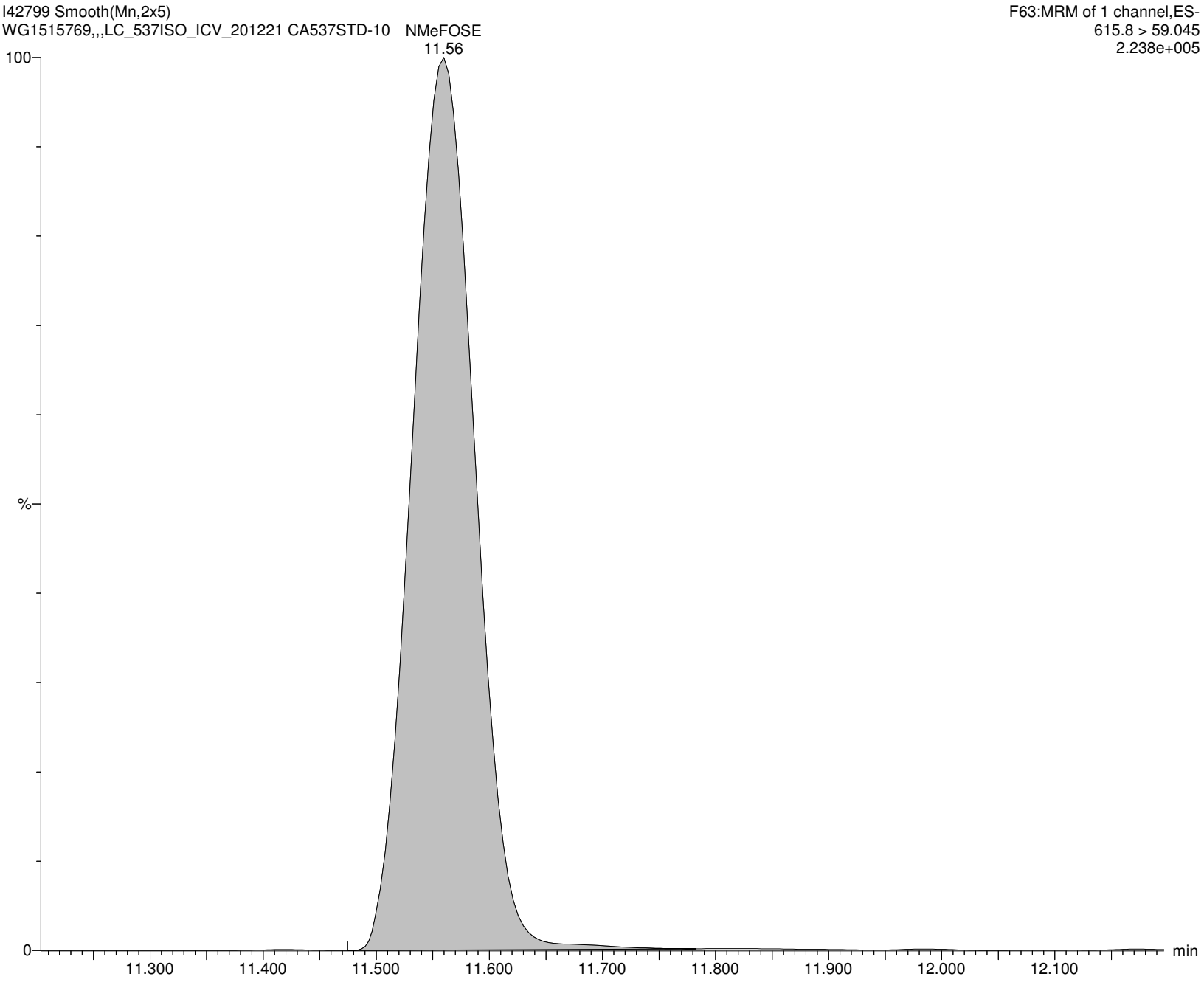


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSE

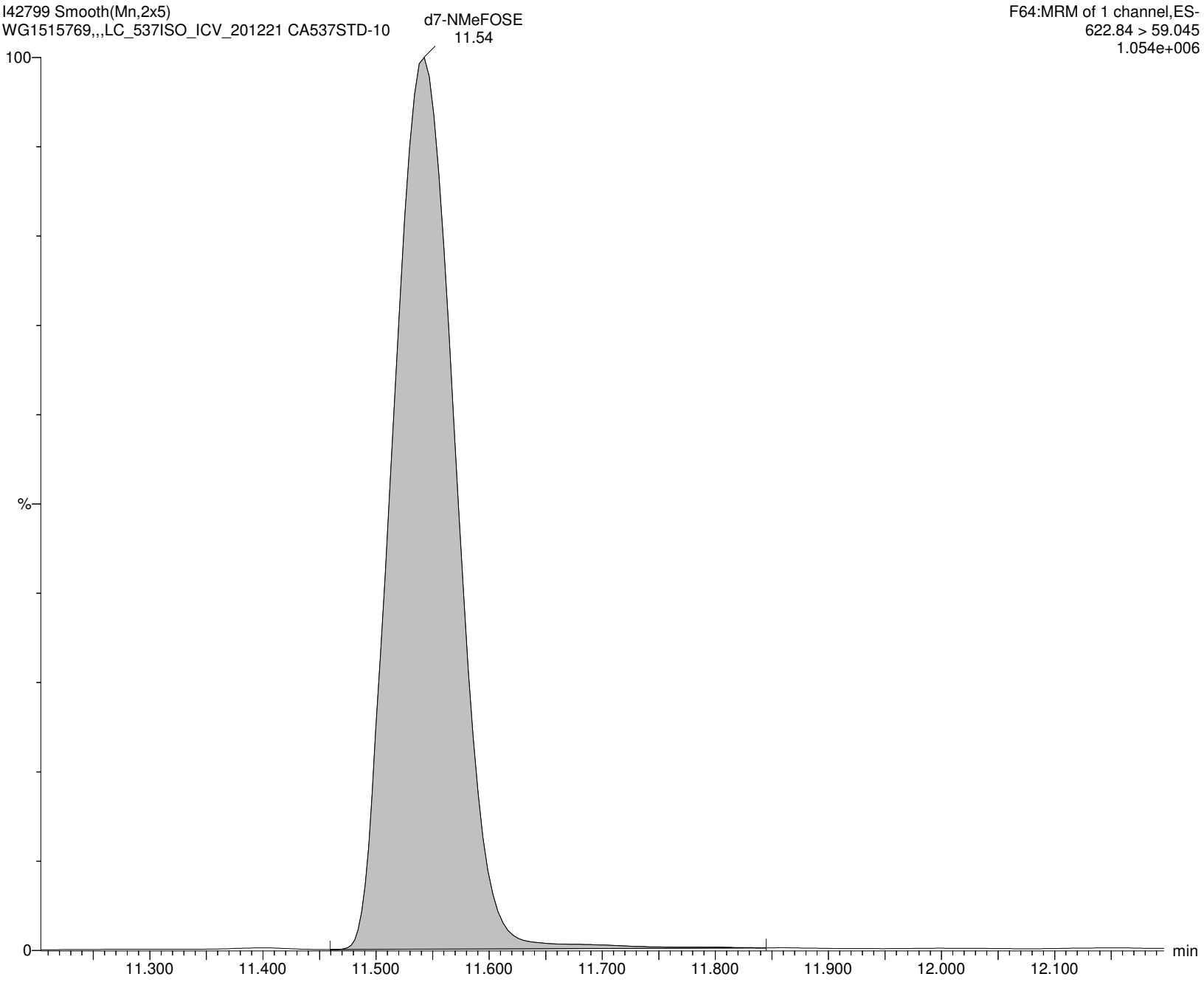


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d7-NMeFOSE

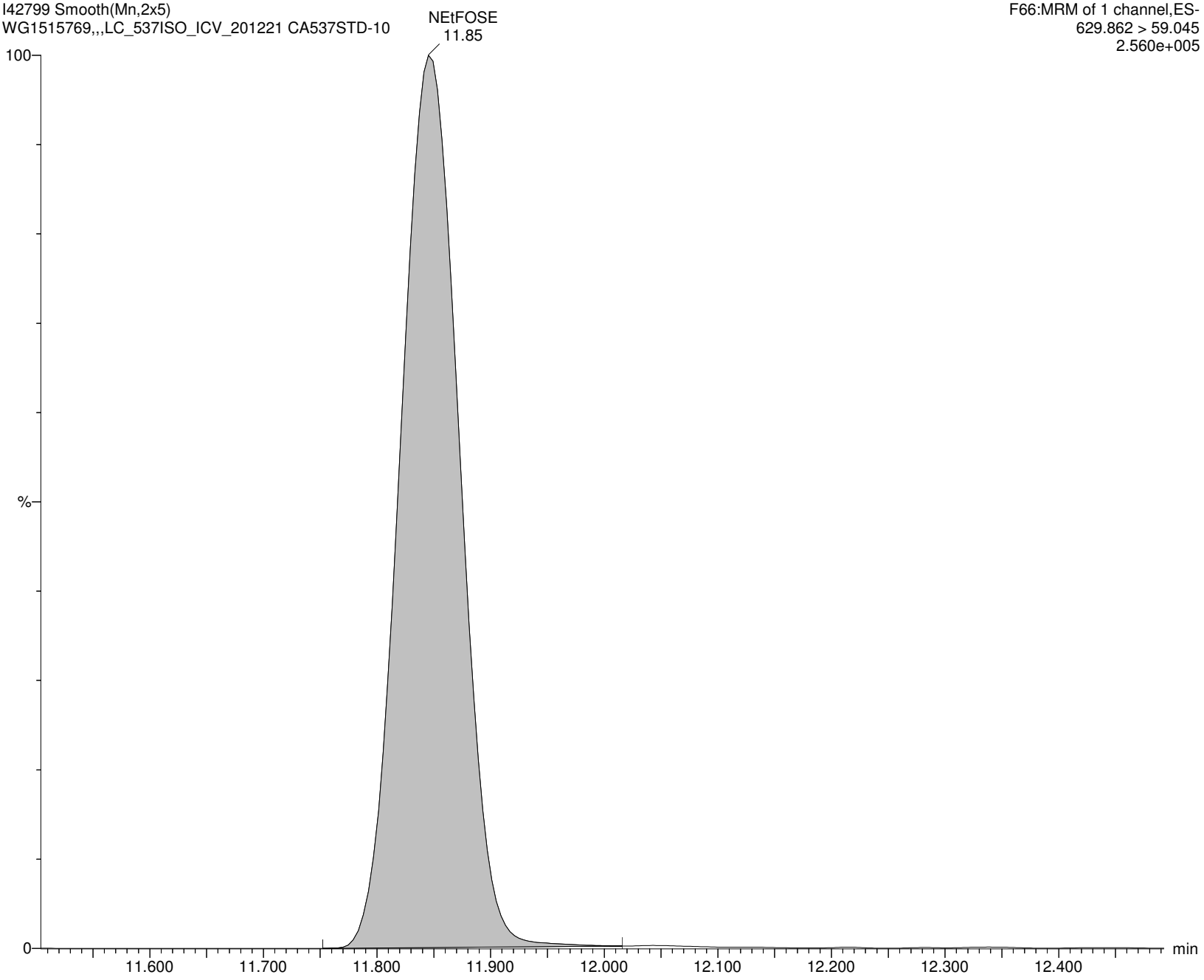


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSE

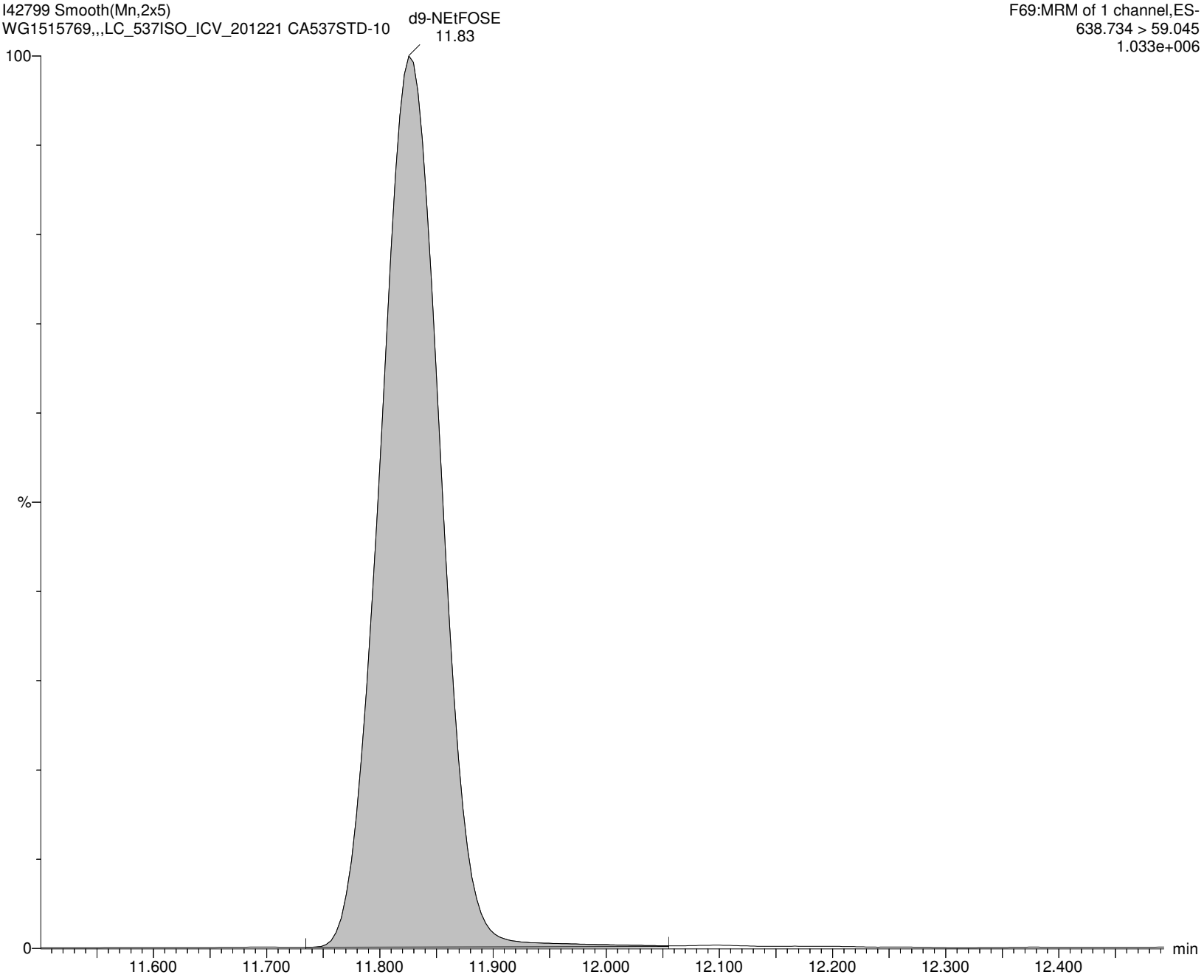


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d9-NEtFOSE

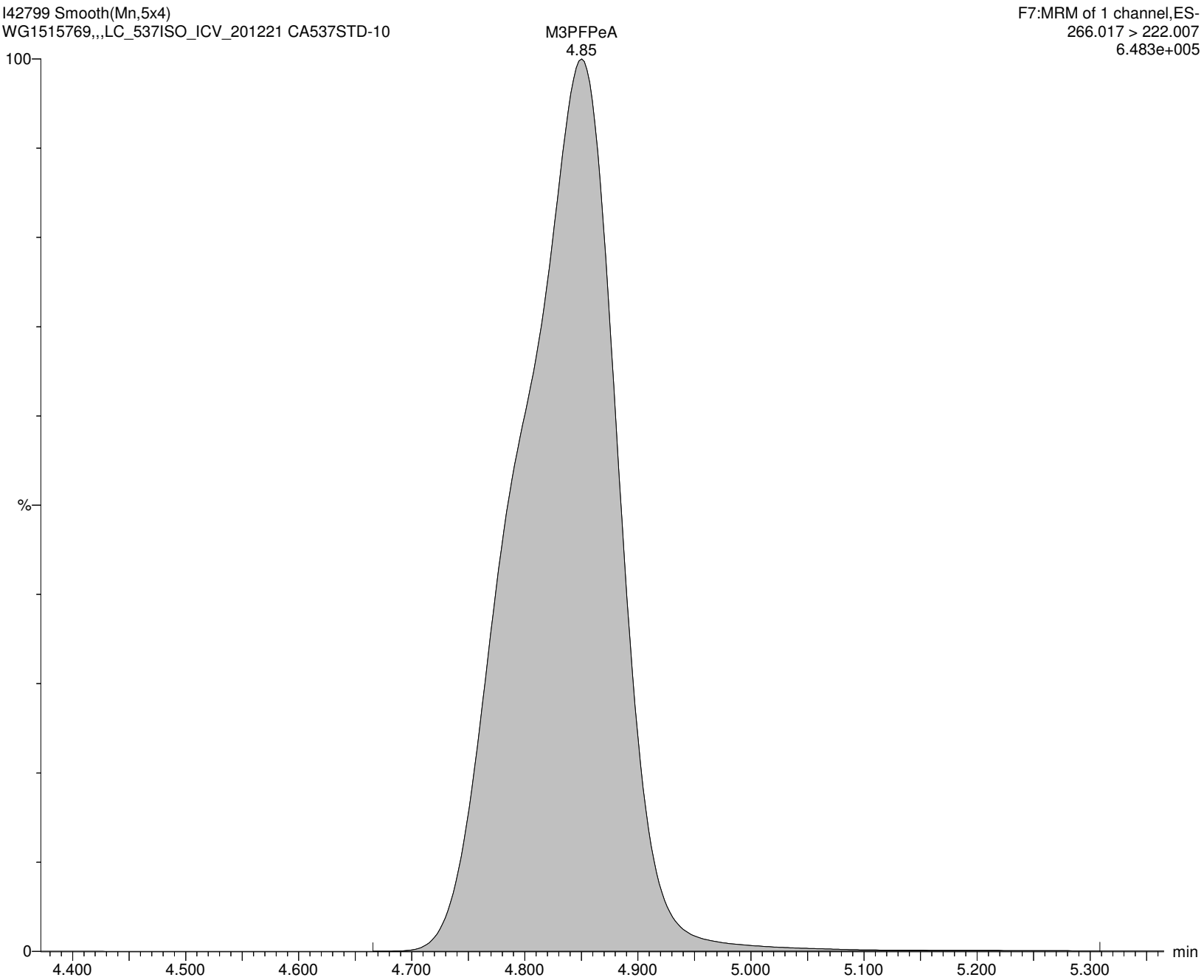


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFPeA

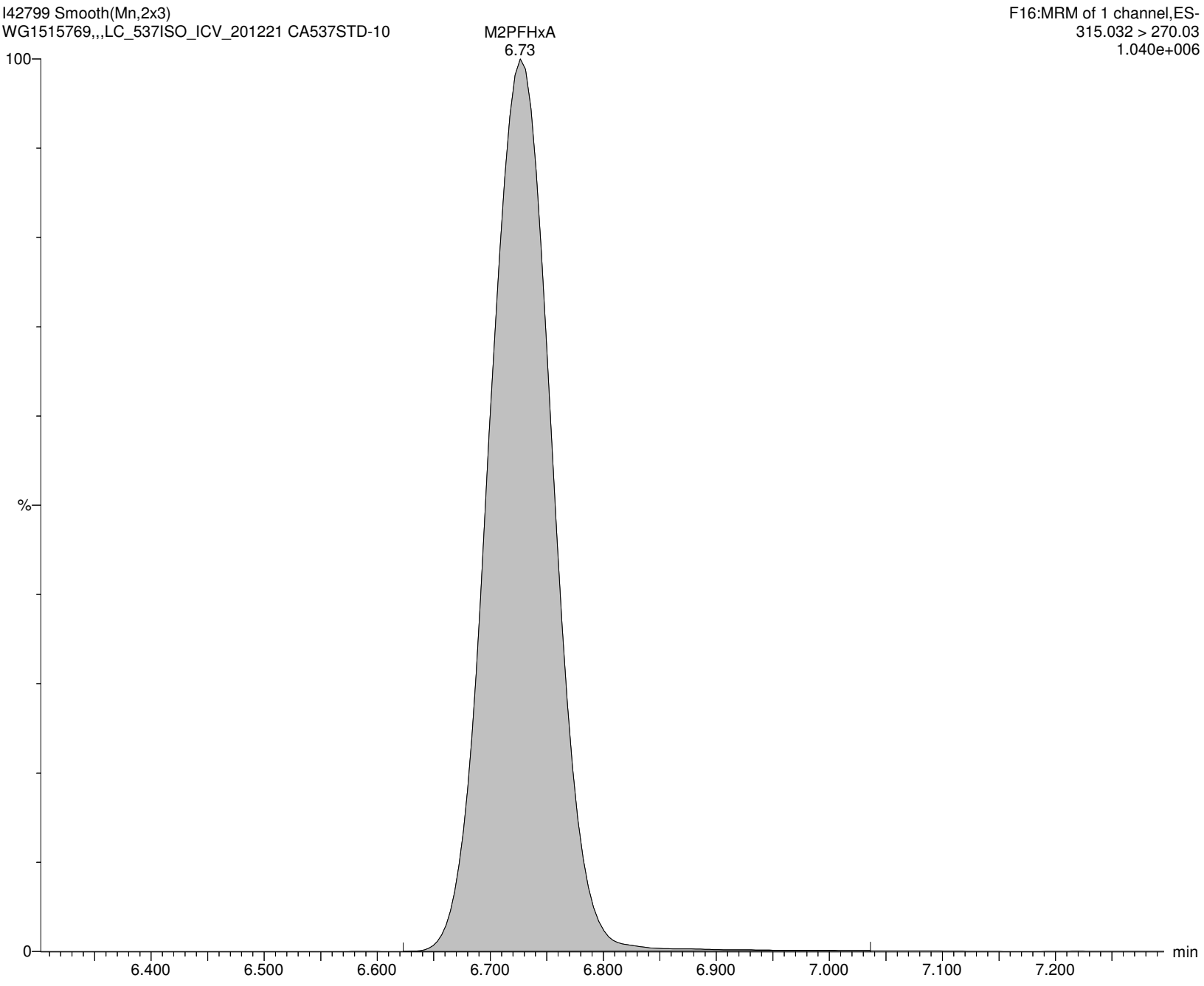


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFHxA

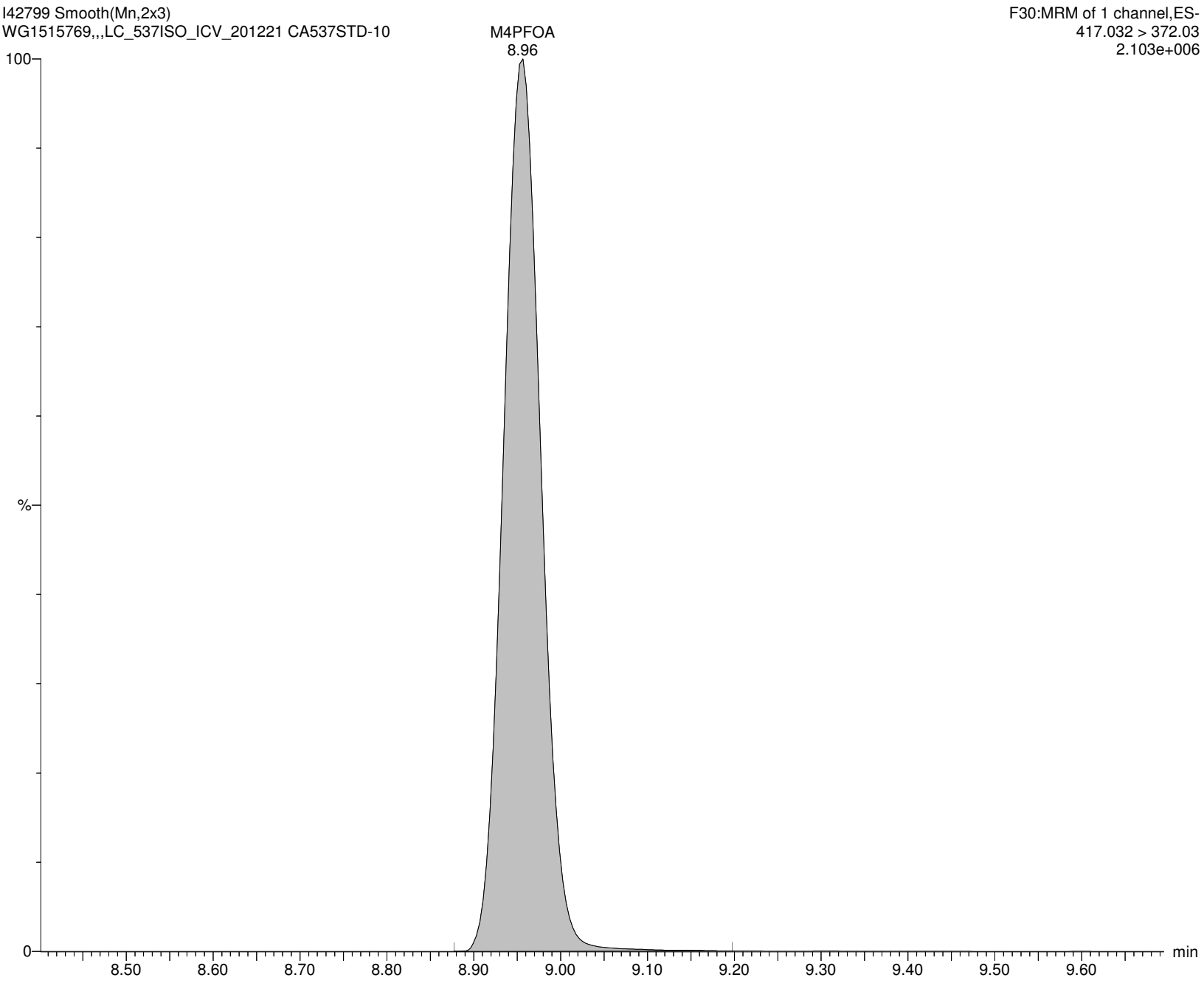


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOA

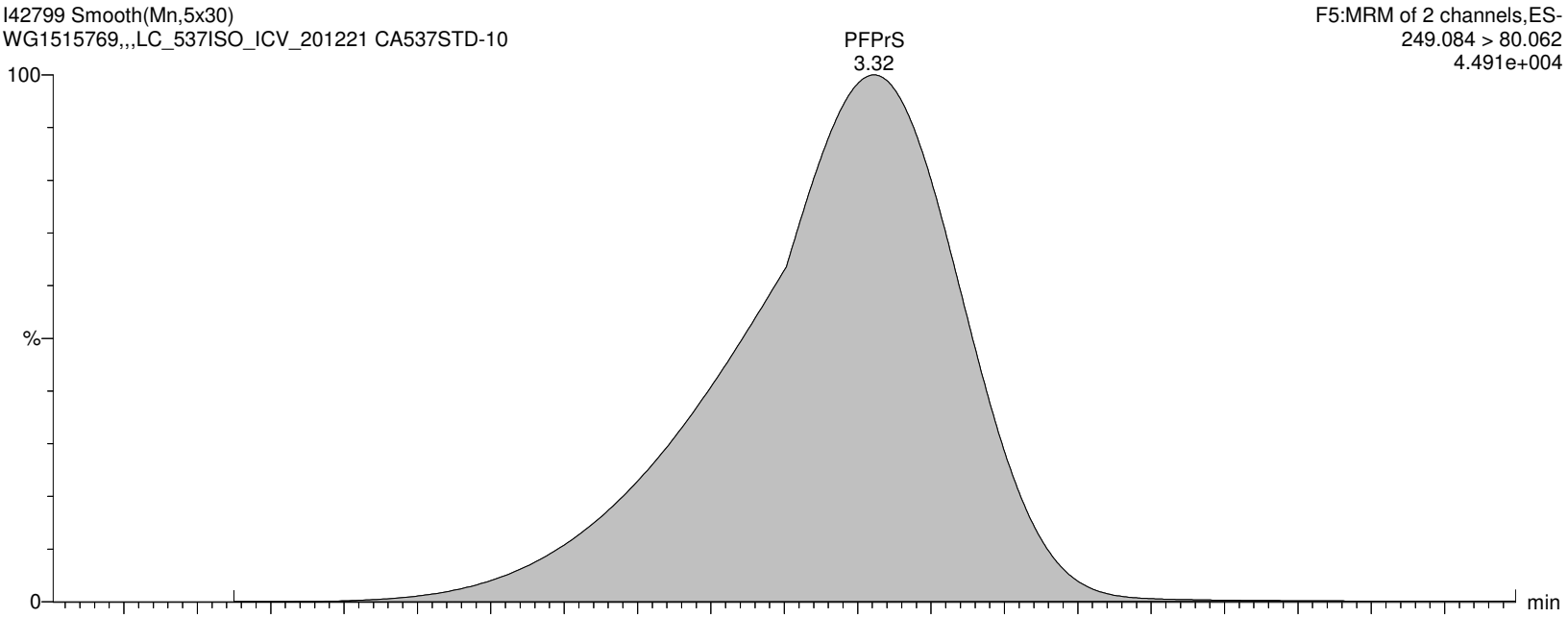


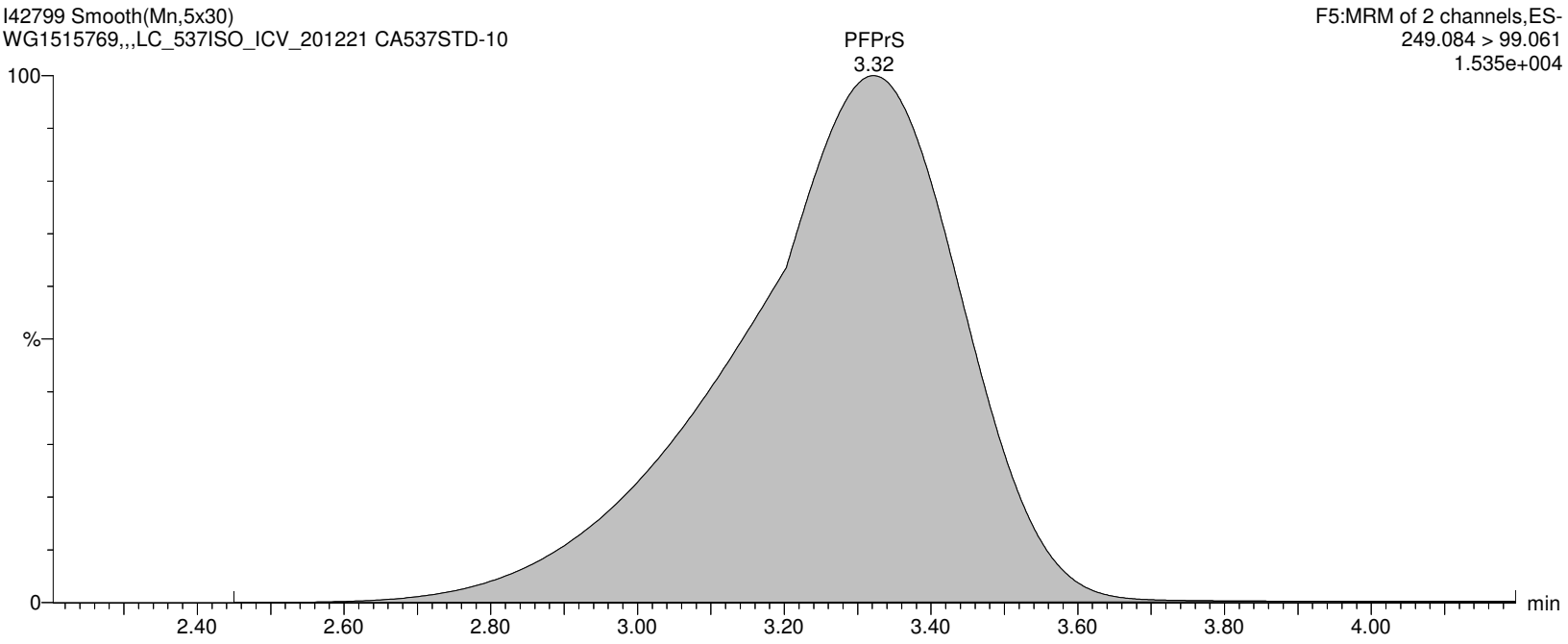
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPrS



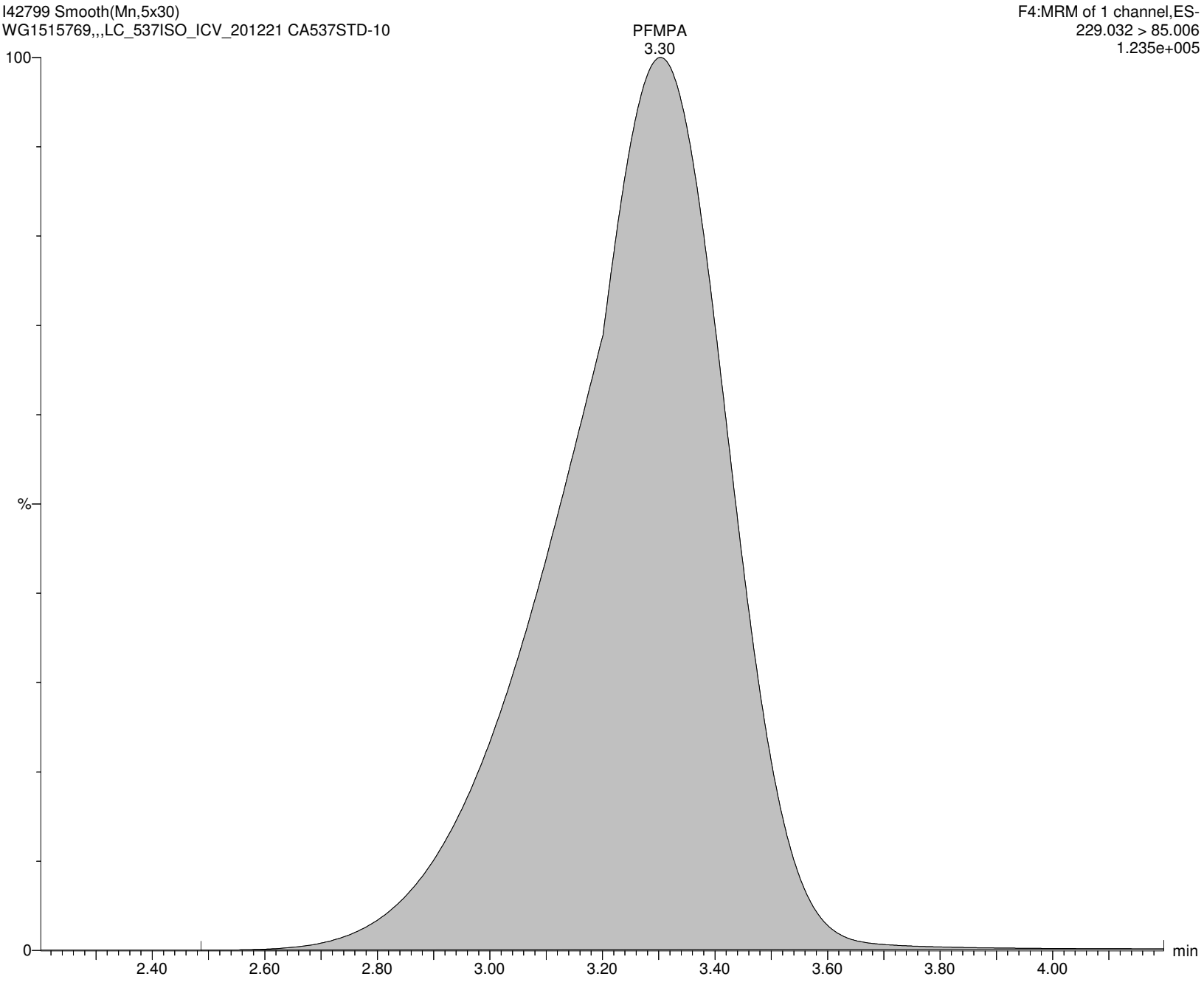


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFMPA

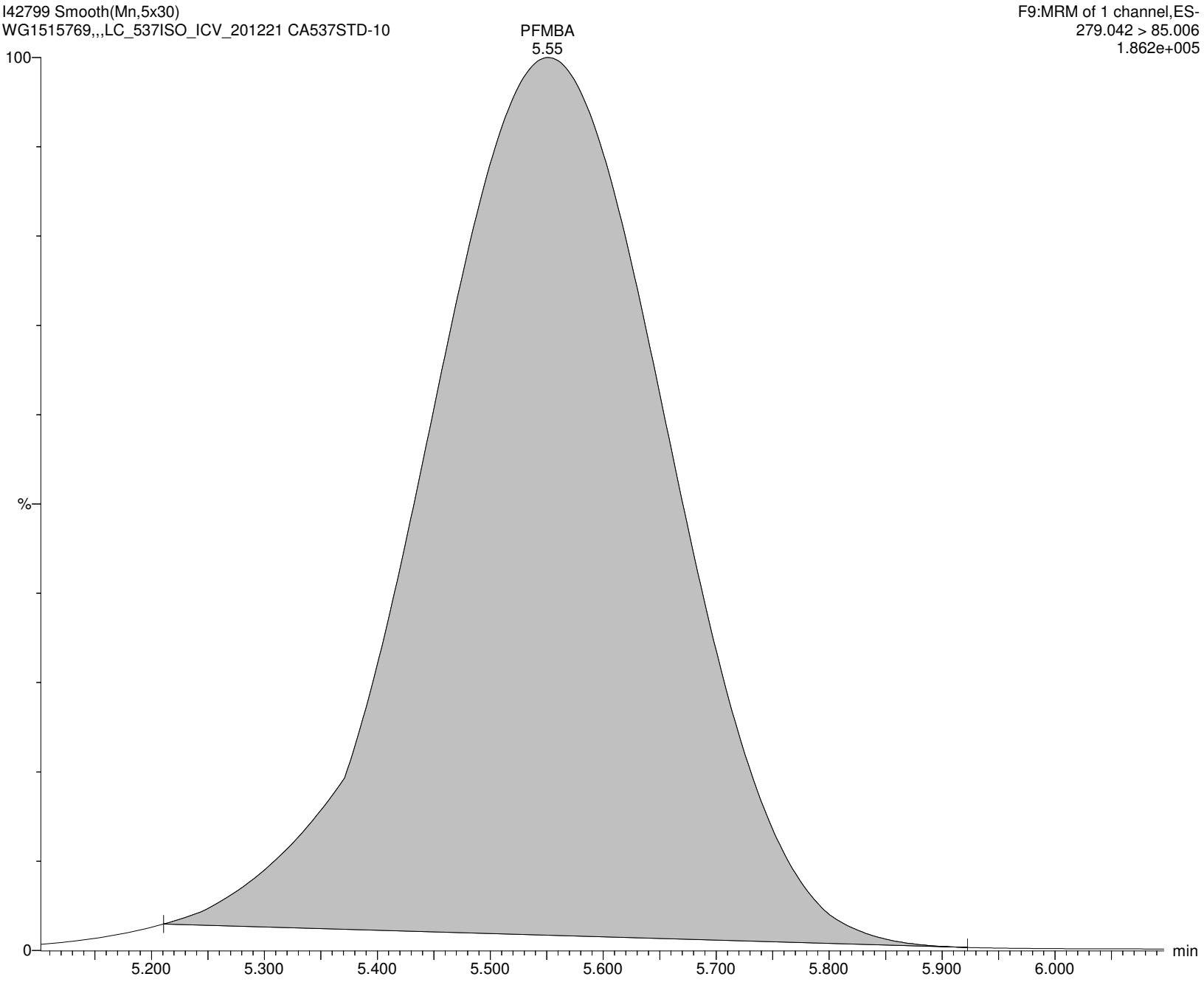


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFMBA

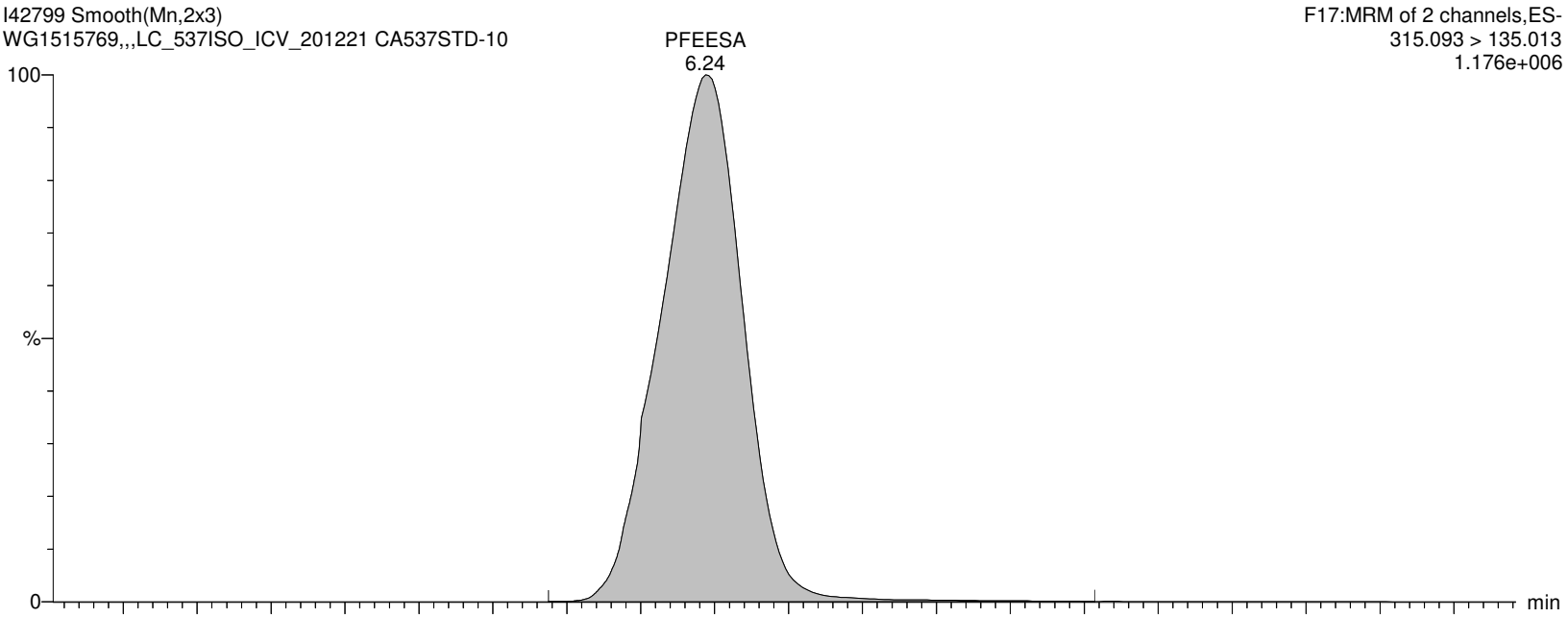


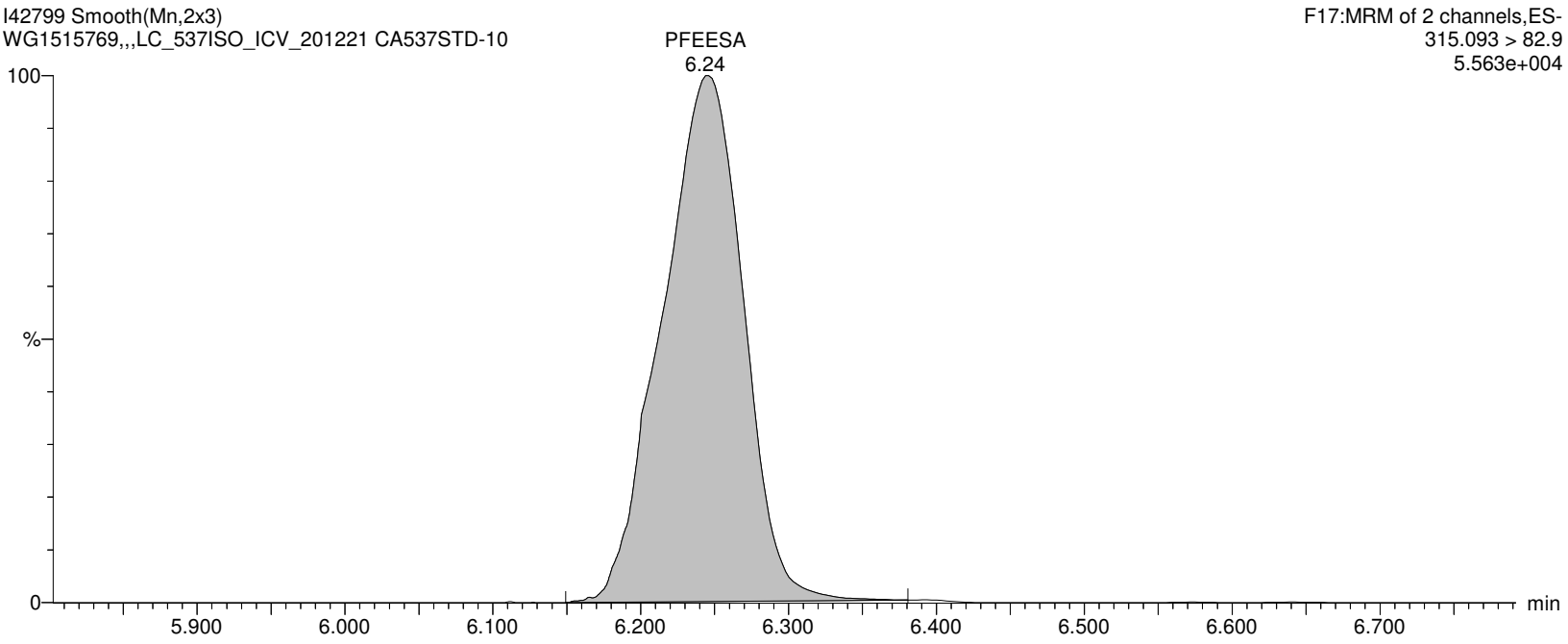
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFEESA



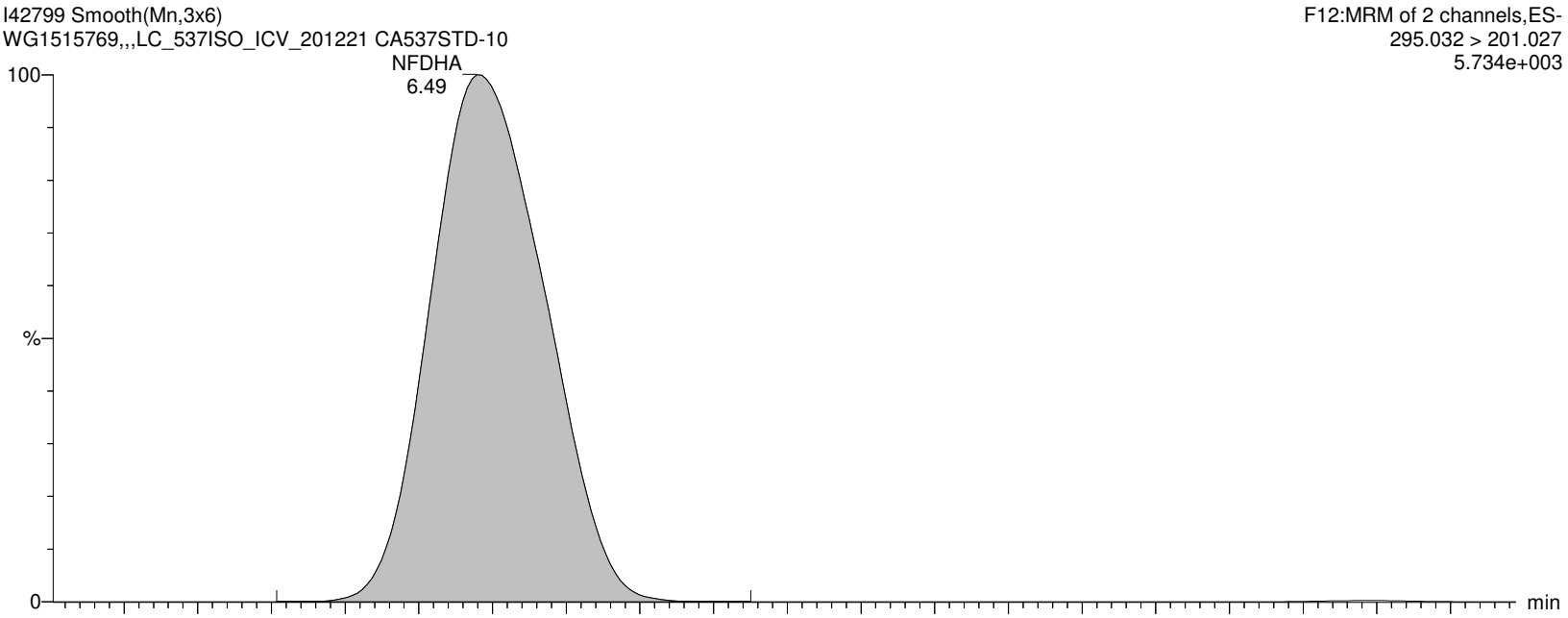


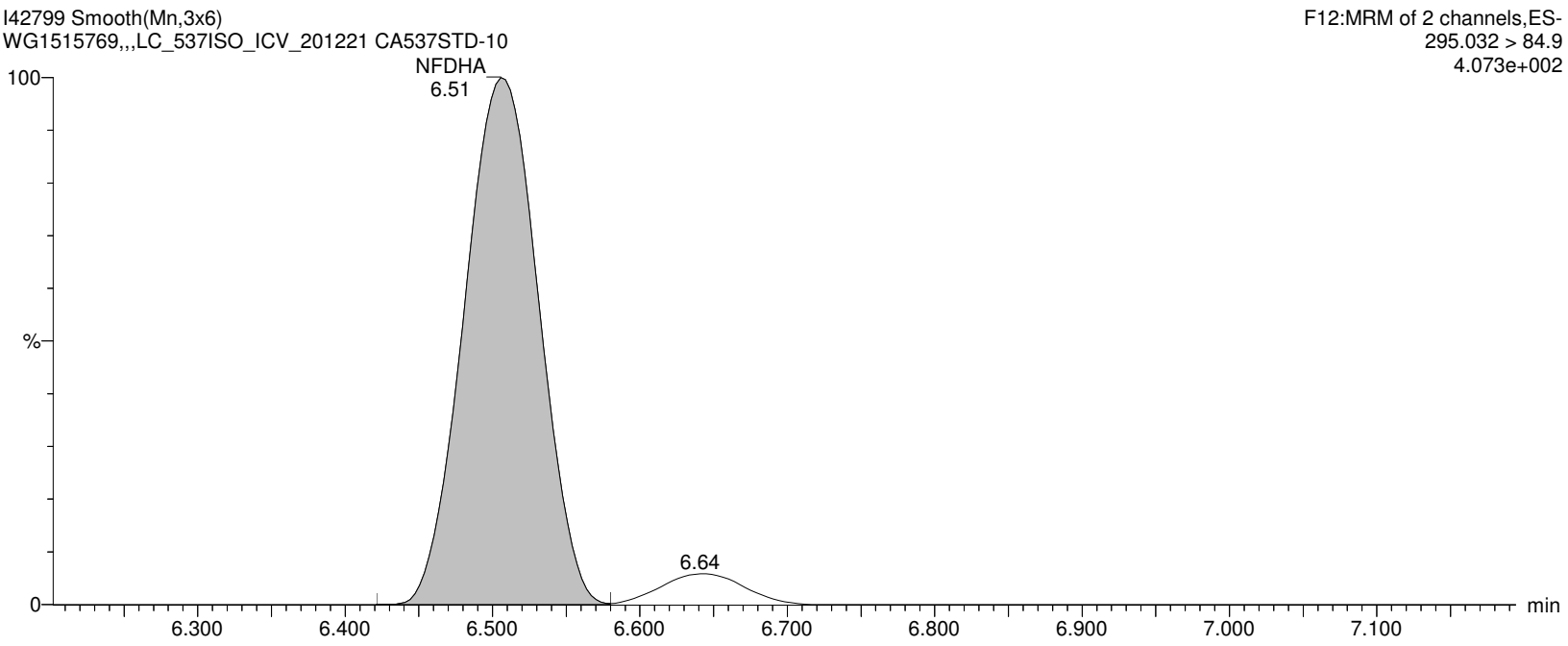
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NFDHA





all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 10:00:42 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\MethDB\537ISO_Q_210625_TOP_RT.mdb 28 Jun 2021 09:51:05
Calibration: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

ID: CA537STD-10
Name: I42800
Date: 25-Jun-2021
Time: 22:28:56
Description: WG1515769,,,LC_537ISO_ICV_201222
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	M4PFOS	INT STD	9.77	503.093 > 80.062	12380		10.938		na	109.4
2	M2D4-10:2FTS		11.35	633.201 > 612.189	4335	m4	19.820		na	100.3
3	10:2FTS		11.36	627.192 > 607.186	2313	m4,m7	9.084	1.74	NO	94.2

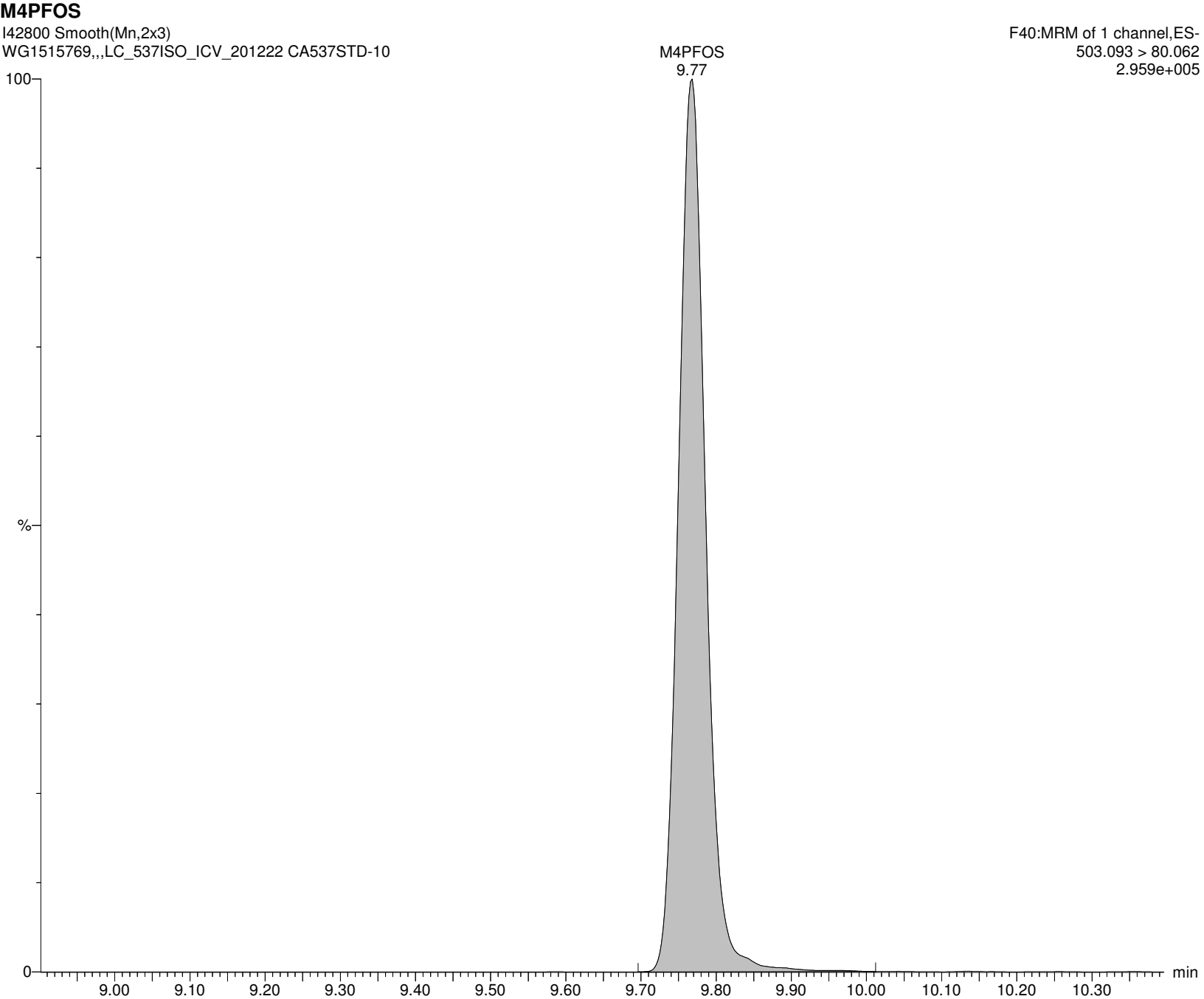
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 10:00:42 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\MethDB\537ISO_Q_210625_TOP_RT.mdb 28 Jun 2021 09:51:05
Calibration: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

Name: I42800
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:28:56
Description: WG1515769,,,LC_537ISO_ICV_201222
User: LCMS02:RS
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOS

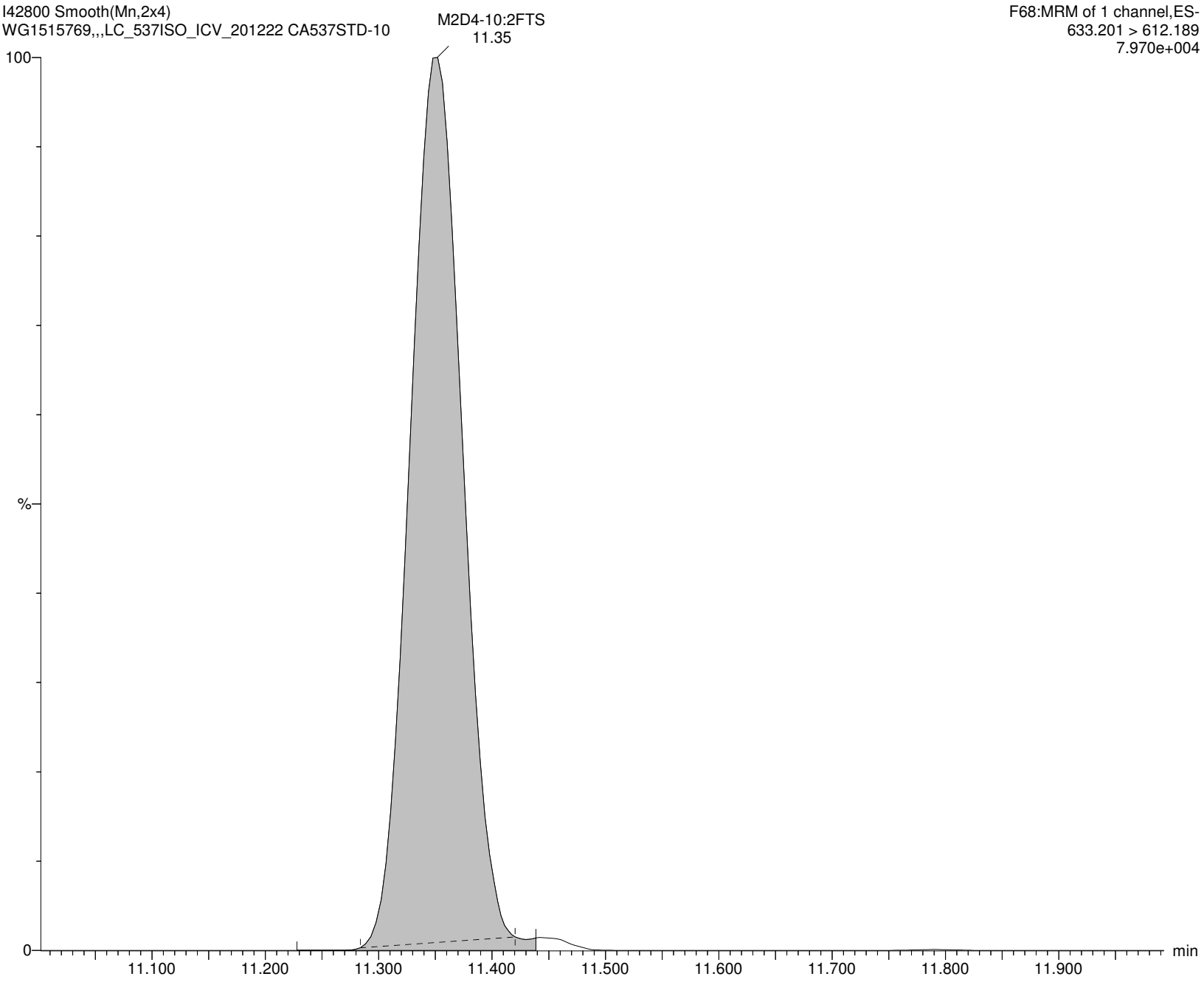


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 10:00:42 Eastern Daylight Time

Name: I42800
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:28:56
Description: WG1515769,,,LC_537ISO_ICV_201222
User: LCMS02:RS
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2D4-10:2FTS

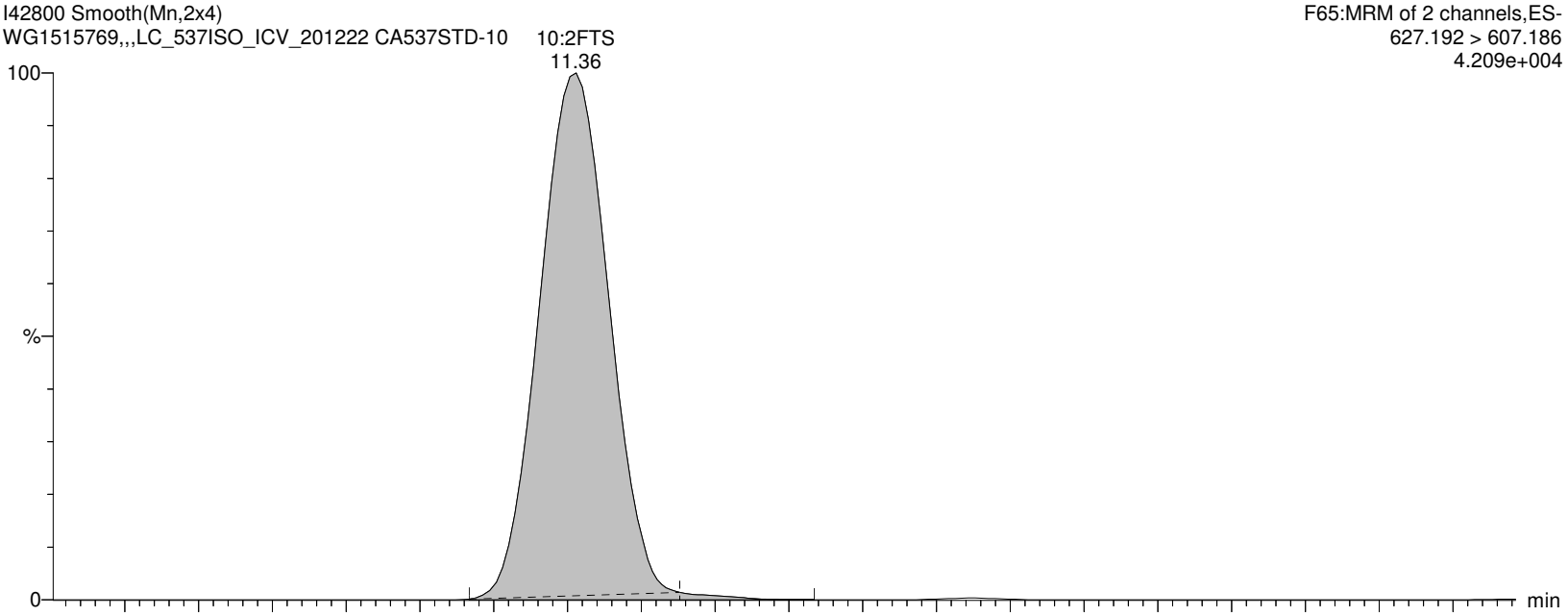


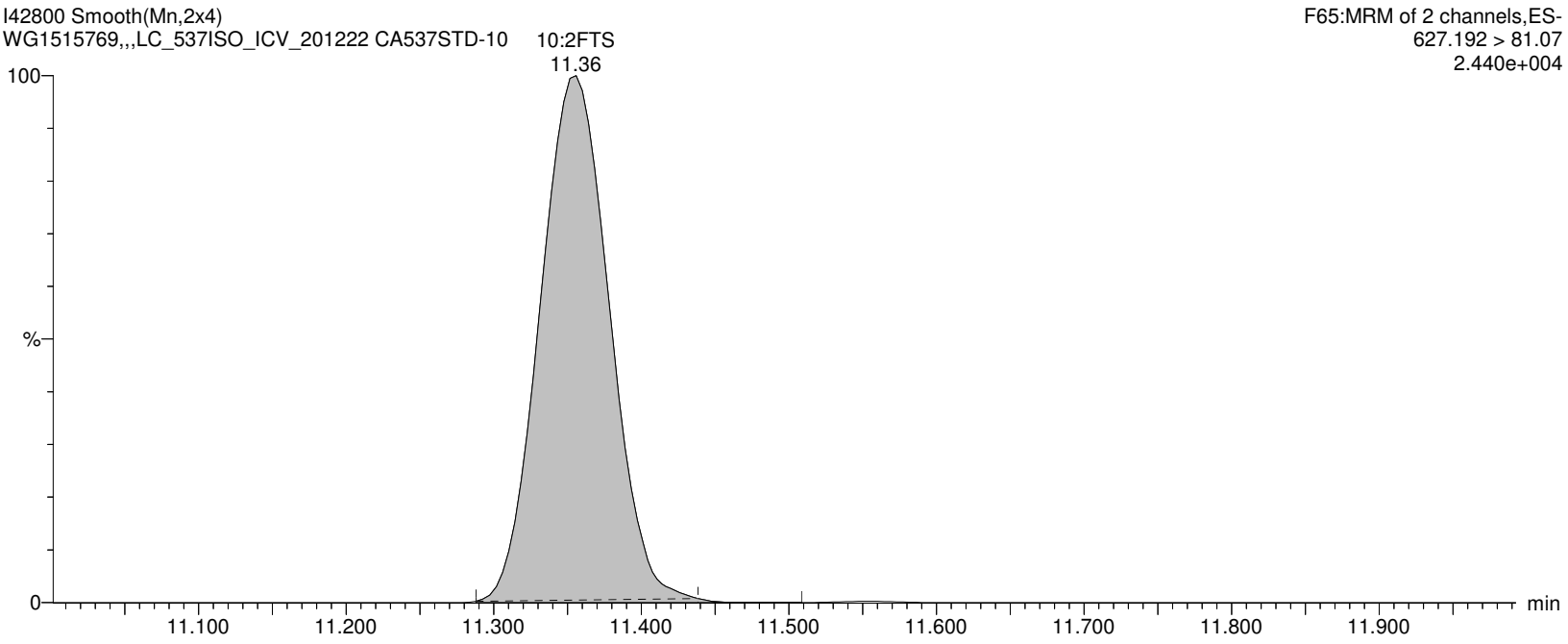
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 10:00:42 Eastern Daylight Time

Name: I42800
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:28:56
Description: WG1515769,,,LC_537ISO_ICV_201222
User: LCMS02:RS
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

10:2FTS





all concentration units in (ng/mL)

	Compound Name	CAS Number	Compound Type	Quantification Trace	Include Quan Trace in Response?
1	PFBA	375-22-4		213.032 > 169.022	YES
2	M3PFBA	INT STD		216.009 > 171.999	YES
3	MPFBA	INT STD		217.001 > 171.999	YES
4	PFPeA	2706-90-3		263.039 > 219.03	YES
5	M5PFPEA	INT STD		268.001 > 222.999	YES
6	PFBS	375-73-5		299.092 > 80.062	YES
7	M3PFBS	INT STD		302.069 > 80.062	YES
8	4:2FTS	757124-72-4		327.146 > 307.139	YES
9	M2-4:2FTS	INT STD		329.13 > 309.124	YES
10	PFHxA	307-24-4		313.047 > 269.037	YES
11	M5PFHxA	INT STD		318.009 > 273.007	YES
12	PFPeS	2706-91-4		349.1 > 80.062	YES
13	PFHpA	375-85-9		363.055 > 319.045	YES
14	M4PFHpA	INT STD		367.025 > 322.022	YES
15	br-PFHxS	355-46-4		399.107 > 80.062	YES
16	L-PFHxS	355-46-4		399.107 > 80.062	YES
17	PFHxS	355-46-4		399.107 > 80.062	YES
18	M3PFHxS	INT STD		402.084 > 80.062	YES
19	br-PFOA	335-67-1		413.063 > 369.053	YES
20	L-PFOA	335-67-1		413.063 > 369.053	YES
21	PFOA	335-67-1		413.063 > 369.053	YES
22	M8PFOA	INT STD		421.002 > 376.	YES
23	M2PFOA	INT STD		415.048 > 370.045	YES
24	6:2FTS	27619-97-2		427.161 > 407.155	YES
25	M2-6:2FTS	INT STD		429.146 > 409.14	YES
26	PFHpS	375-92-8		449.115 > 80.062	YES
27	PFNA	375-95-1		463.071 > 419.061	YES
28	M9PFNA	INT STD		472.002 > 427.	YES
29	br-PFOS	1763-23-1		499.123 > 80.062	YES
30	L-PFOS	1763-23-1		499.123 > 80.062	YES
31	PFOS	1763-23-1		499.123 > 80.062	YES
32	M4PFOS	INT STD		503.093 > 80.062	YES
33	M8PFOS	INT STD		507.062 > 80.062	YES
34	PFDA	335-76-2		513.078 > 469.069	YES
35	M2PFDA	INT STD		515.053 > 469.934	YES
36	M6PFDA	INT STD		519.033 > 474.03	YES
37	8:2FTS	39108-34-4		527.177 > 507.171	YES
38	M2-8:2FTS	INT STD		529.162 > 509.155	YES
39	PFNS	68259-12-1		549.131 > 80.062	YES
40	d3-NMeFOSAA	INT STD		573.22 > 419.061	YES
41	br-NMeFOSAA			570.202 > 419.061	YES
42	L-NMeFOSAA			570.202 > 419.061	YES
43	NMeFOSAA	2355-31-9		570.202 > 419.061	YES
44	PFUnA	2058-94-8		563.086 > 519.076	YES
45	M7-PFUDA	INT STD		570.033 > 525.031	YES
46	PFDS	335-77-3		599.139 > 80.062	YES
47	FOSA	754-91-6		498.146 > 78.07	YES
48	M8FOSA	INT STD		506.077 > 78.07	YES
49	br-NEtFOSAA			584.229 > 419.061	YES
50	L-NEtFOSAA			584.229 > 419.061	YES
51	NEtFOSAA	2991-50-6		584.229 > 419.061	YES
52	d5-NEtFOSAA	INT STD		589.259 > 419.061	YES
53	PFDoA	307-55-1		613.094 > 569.084	YES
54	MPFDOA	INT STD		615.079 > 570.077	YES

	Calculate Ion Ratio Tolerance As	Target Ion Ratio Method	1:Ion Trace	1:Ion Ratio	1:Ion Ratio Win (%) ±
1	Ratio	Quan/Target		0.0000	50
2	Ratio	Quan/Target		0.0000	20
3	Ratio	Quan/Target		0.0000	20
4	Ratio	Quan/Target		0.0000	0
5	Ratio	Quan/Target		0.0000	20
6	Ratio	Quan/Target	299.092 > 99.061	1.9330	50
7	Ratio	Quan/Target		0.0000	20
8	Ratio	Quan/Target	327.146 > 81.07	2.4710	50
9	Ratio	Quan/Target		0.0000	20
10	Ratio	Quan/Target	313.047 > 119.18	15.6190	50
11	Ratio	Quan/Target		0.0000	20
12	Ratio	Quan/Target	349.1 > 99.061	2.2380	50
13	Ratio	Quan/Target	363.055 > 169.022	5.5600	50
14	Ratio	Quan/Target		0.0000	20
15	Ratio	Quan/Target	399.107 > 99.061	2.1900	50
16	Ratio	Quan/Target	399.107 > 99.061	1.6520	50
17	Ratio	Quan/Target	399.107 > 99.061	0.4240	50
18	Ratio	Quan/Target		0.0000	20
19	Ratio	Quan/Target	413.063 > 219.03	0.0000	0
20	Ratio	Quan/Target	413.063 > 219.03	8.9520	50
21	Ratio	Quan/Target	413.063 > 219.03	8.5080	50
22	Ratio	Quan/Target		0.0000	20
23	Ratio	Quan/Target		2.8360	20
24	Ratio	Quan/Target	427.161 > 81.07	3.9760	50
25	Ratio	Quan/Target		0.0000	20
26	Ratio	Quan/Target	449.115 > 99.061	1.1010	50
27	Ratio	Quan/Target	463.071 > 219.03	3.8600	50
28	Ratio	Quan/Target		0.0000	20
29	Ratio	Quan/Target	499.123 > 99.061	4.1180	50
30	Ratio	Quan/Target	499.123 > 99.061	1.7590	50
31	Ratio	Quan/Target	499.123 > 99.061	0.4240	50
32	Ratio	Quan/Target		0.0000	20
33	Ratio	Quan/Target		0.0000	20
34	Ratio	Quan/Target	513.078 > 219.03	5.4640	50
35	Ratio	Quan/Target		0.0000	20
36	Ratio	Quan/Target		0.0000	20
37	Ratio	Quan/Target	527.177 > 81.07	5.2660	50
38	Ratio	Quan/Target		0.0000	20
39	Ratio	Quan/Target	549.131 > 99.061	1.4580	50
40	Ratio	Quan/Target		0.0000	20
41	Ratio	Quan/Target	570.202 > 482.77	1.2450	50
42	Ratio	Quan/Target	570.202 > 482.77	2.6020	50
43	Ratio	Quan/Target	570.202 > 482.77	2.3680	50
44	Ratio	Quan/Target	563.086 > 269.067	9.9470	50
45	Ratio	Quan/Target		0.0000	20
46	Ratio	Quan/Target	599.139 > 99.061	1.6760	50
47	Ratio	Quan/Target	498.146 > 169.022	161.5790	50
48	Ratio	Quan/Target		0.0000	20
49	Ratio	Quan/Target	584.229 > 526.1...	0.5610	50
50	Ratio	Quan/Target	584.229 > 526.1...	1.1800	50
51	Ratio	Quan/Target	584.229 > 526.1...	2.1220	50
52	Ratio	Quan/Target		1.3910	20
53	Ratio	Quan/Target	613.094 > 319.045	18.5610	50
54	Ratio	Quan/Target		0.0000	20

	Compound Name	CAS Number	Compound Type	Quantification Trace	Include Quan Trace in Response?
55	PFTrDA	72629-94-8		663.102 > 619.092	YES
56	PFTA	376-06-7		713.11 > 669.1	YES
57	M2PFTEDA	INT STD		715.094 > 670.092	YES
58	M3HFPO-DA	INT STD		287.02 > 169.022	YES
59	HFPO-DA	13252-13-6		285.035 > 169.022	YES
60	ADONA	958445-44-8		377.06 > 251.028	YES
61	PFHxDA			813.122 > 769.116	YES
62	PFODA			913.411 > 869.131	YES
63	M2PFHxDA			815.102 > 770.108	YES
64	PFDoS			699.154 > 80.062	YES
65	M2D4-10:2FTS			633.201 > 612.189	YES
66	10:2FTS			627.192 > 607.186	YES
67	9CL-PF3ONS			530.862 > 350.843	YES
68	11CL-PFOUdS			630.862 > 450.854	YES
69	NMeFOSA			512.163 > 169.022	YES
70	d3-NMeFOSA			515.183 > 169.022	YES
71	NEtFOSA			526.192 > 169.022	YES
72	d5-NEtFOSA			531.222 > 169.022	YES
73	NMeFOSE			615.8 > 59.045	YES
74	d7-NMeFOSE			622.84 > 59.045	YES
75	NEtFOSE			629.862 > 59.045	YES
76	d9-NEtFOSE			638.734 > 59.045	YES
77	M3PFPeA			266.017 > 222.007	YES
78	M2PFHxA			315.032 > 270.03	YES
79	M4PFOA			417.032 > 372.03	YES
80	PFPrS	423-41-6		249.084 > 80.062	YES
81	PFMPA			229.032 > 85.006	YES
82	PFMBA			279.042 > 85.006	YES
83	PFEESA			315.093 > 135.013	YES
84	NFDHA			295.032 > 201.027	YES

	Calculate Ion Ratio Tolerance As	Target Ion Ratio Method	1:Ion Trace	1:Ion Ratio	1:Ion Ratio Win (%) ±
55	Ratio	Quan/Target	663.102 > 319.045	11.3940	50
56	Ratio	Quan/Target	713.11 > 219.03	9.1380	50
57	Ratio	Quan/Target		0.0000	20
58	Ratio	Quan/Target		0.0000	50
59	Ratio	Quan/Target	328.989 > 284.982	3.5660	50
60	Ratio	Quan/Target	377.06 > 84.8	41.5680	50
61	Ratio	Quan/Target	813.122 > 369.053	22.5380	50
62	Ratio	Quan/Target	913.411 > 369.053	22.8470	50
63	Ratio	Quan/Target		0.0000	20
64	Ratio	Quan/Target	699.154 > 99.061	2.3250	50
65	Ratio	Quan/Target		0.0000	20
66	Ratio	Quan/Target	627.192 > 81.07	2.0100	50
67	Ratio	Quan/Target	532.8 > 353	2.6290	50
68	Ratio	Quan/Target	632.9 > 452.9	3.0570	50
69	Ratio	Quan/Target	512.163 > 219.03	1.6170	50
70	Ratio	Quan/Target		0.0000	20
71	Ratio	Quan/Target	526.192 > 119.03	4.8700	50
72	Ratio	Quan/Target		0.0000	20
73	Ratio	Quan/Target		0.0000	50
74	Ratio	Quan/Target		0.0000	20
75	Ratio	Quan/Target		0.0000	50
76	Ratio	Quan/Target		0.0000	20
77	Ratio	Quan/Target		0.0000	20
78	Ratio	Quan/Target		0.0000	20
79	Ratio	Quan/Target		0.0000	20
80	Ratio	Quan/Target	249.084 > 99.061	2.9780	50
81	Ratio	Quan/Target		0.0000	50
82	Ratio	Quan/Target		0.0000	50
83	Ratio	Quan/Target	315.093 > 82.9	21.2160	50
84	Ratio	Quan/Target	295.032 > 84.9	41.1450	50

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 10:27:36 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\MethDB\537ISO_Q_210625_TOP_RT.mdb 28 Jun 2021 09:51:05
Calibration: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

ID: Tech STD
Name: I42801
Date: 25-Jun-2021
Time: 22:45:30
Description: WG1515769,,,LC_537_TECHSTD_210316
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	br-PFOA	335-67-1	8.73	413.063 > 369.053	48492		4.870	2.75	NO	
2	L-PFOA	335-67-1	8.95	413.063 > 369.053	348888		35.038	8.79	NO	
3	PFOA	335-67-1		413.063 > 369.053	397380		39.908		na	
4	M8PFOA	INT STD	8.95	421.002 > 376.	103330		9.416		na	94.2
5	M2PFOA	INT STD	8.95	415.048 > 370.045	108097		10.206		na	102.1

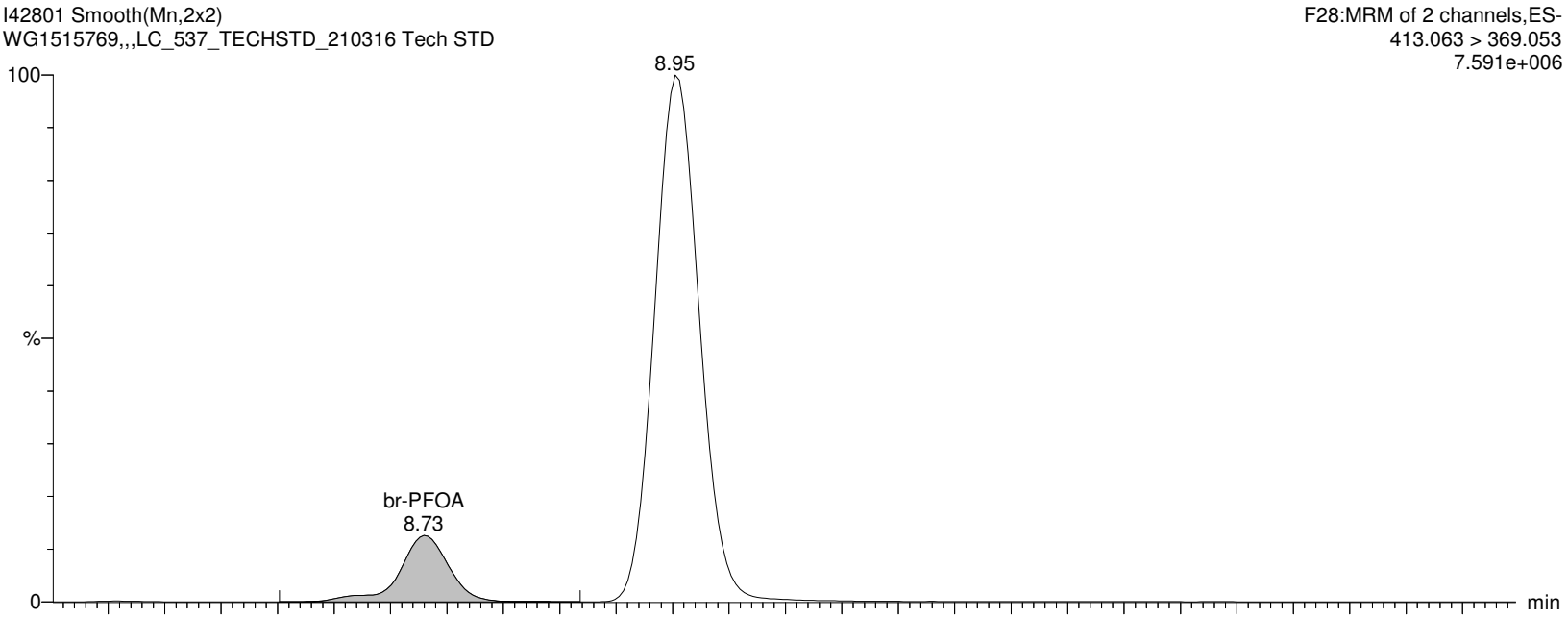
all concentration units in (ng/mL)

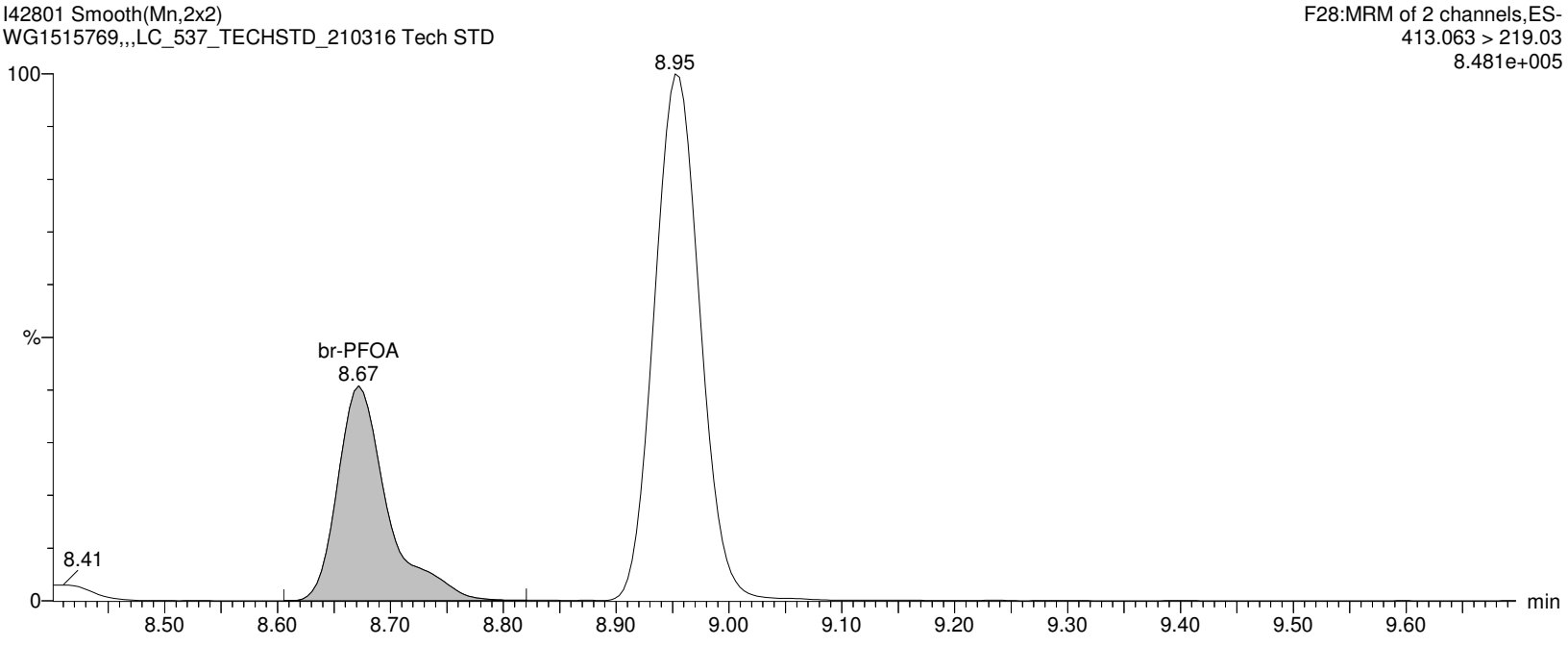
Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 10:27:36 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\MethDB\537ISO_Q_210625_TOP_RT.mdb 28 Jun 2021 09:51:05
Calibration: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

Name: I42801
ID: Tech STD
Date: 25-Jun-2021
Time: 22:45:30
Description: WG1515769,,,LC_537_TECHSTD_210316
User: LCMS02:RS
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOA



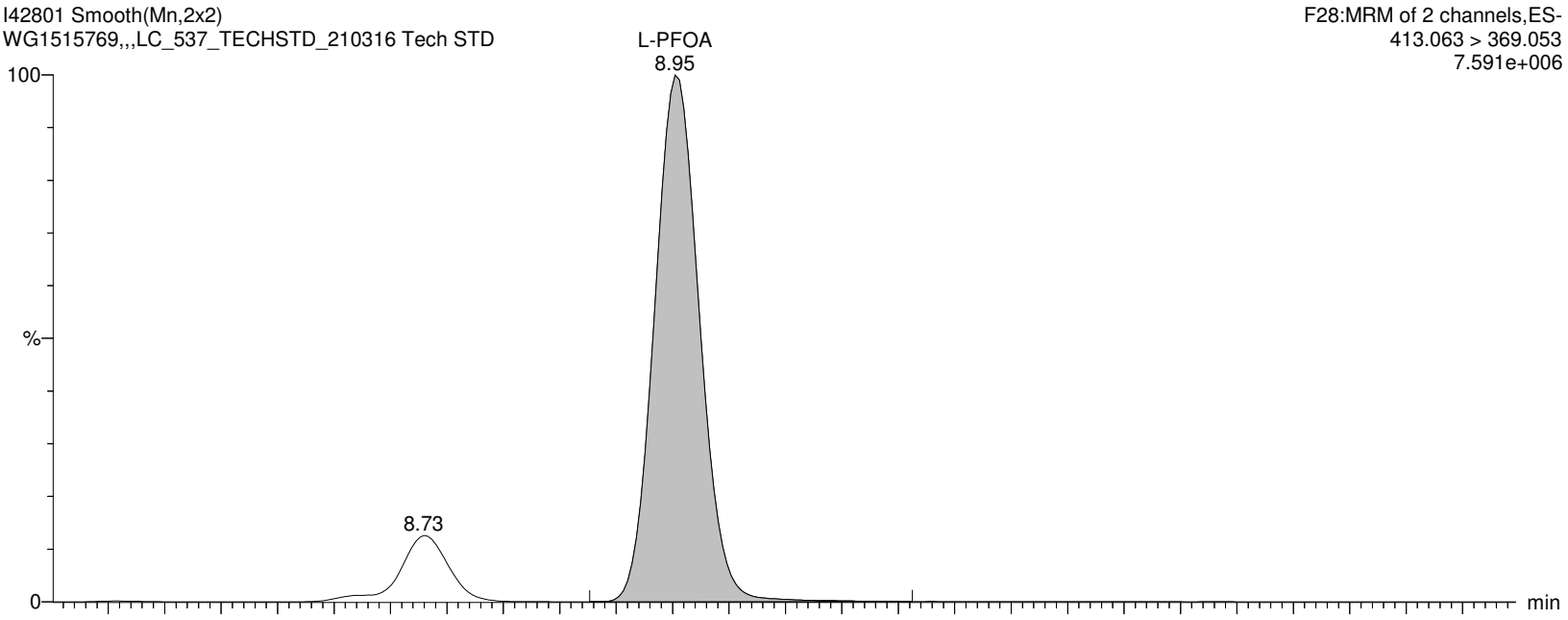


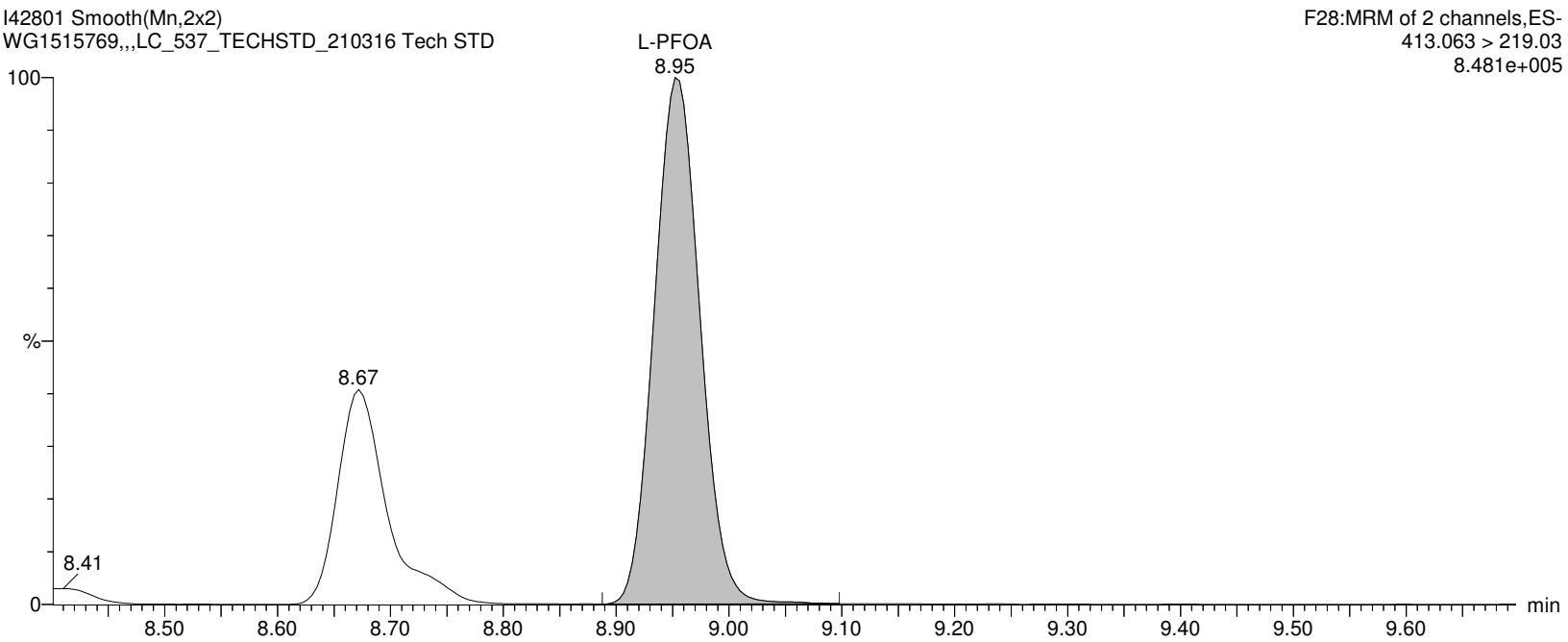
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 10:27:36 Eastern Daylight Time

Name: I42801
ID: Tech STD
Date: 25-Jun-2021
Time: 22:45:30
Description: WG1515769,,,LC_537_TECHSTD_210316
User: LCMS02:RS
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOA



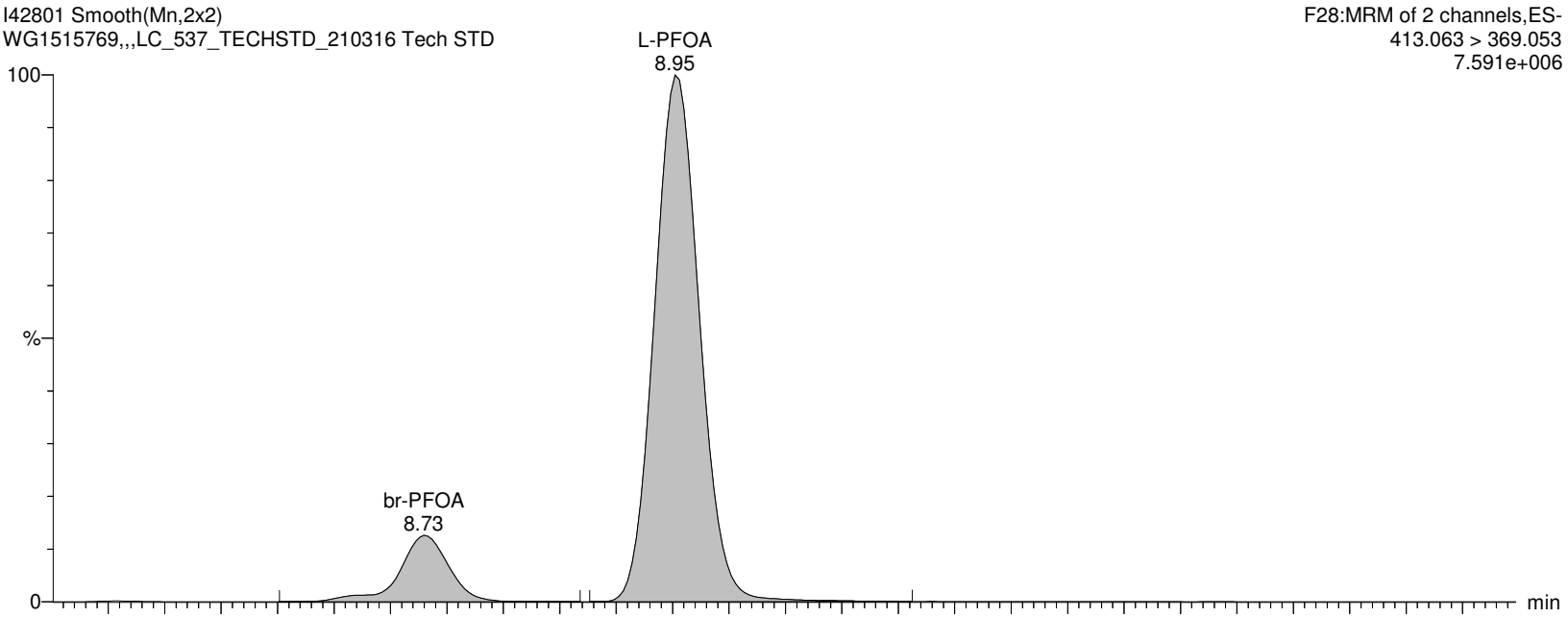


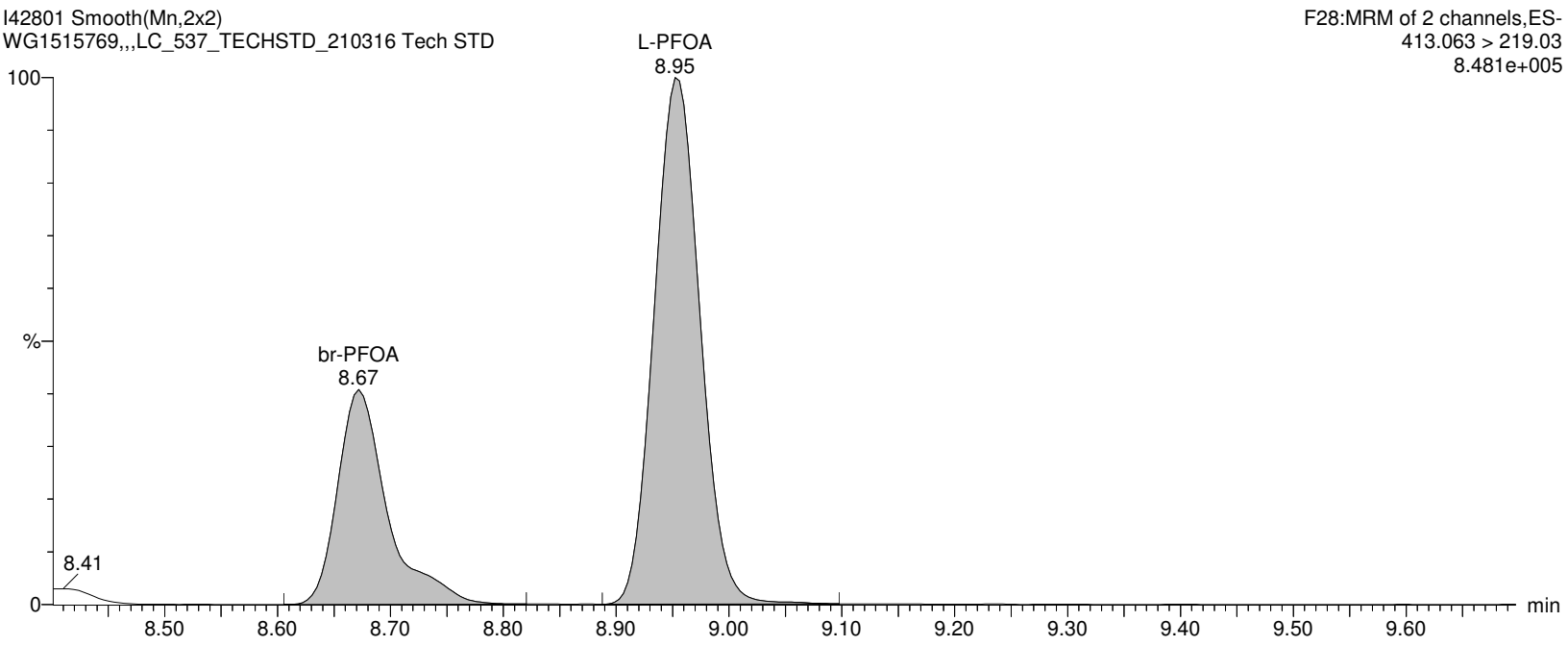
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 10:27:36 Eastern Daylight Time

Name: I42801
ID: Tech STD
Date: 25-Jun-2021
Time: 22:45:30
Description: WG1515769,,,LC_537_TECHSTD_210316
User: LCMS02:RS
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOA



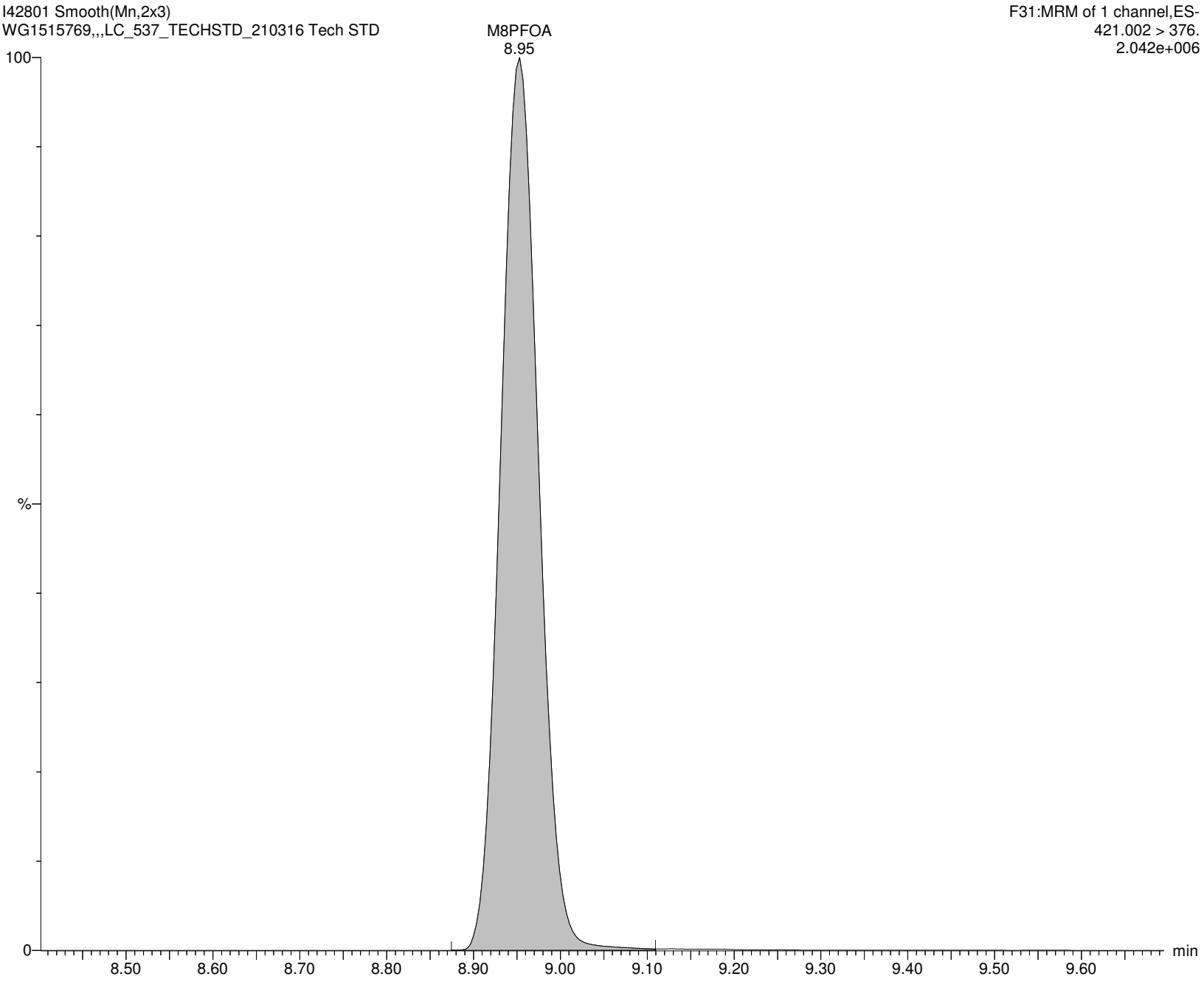


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 10:27:36 Eastern Daylight Time

Name: I42801
ID: Tech STD
Date: 25-Jun-2021
Time: 22:45:30
Description: WG1515769,,,LC_537_TECHSTD_210316
User: LCMS02:RS
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOA

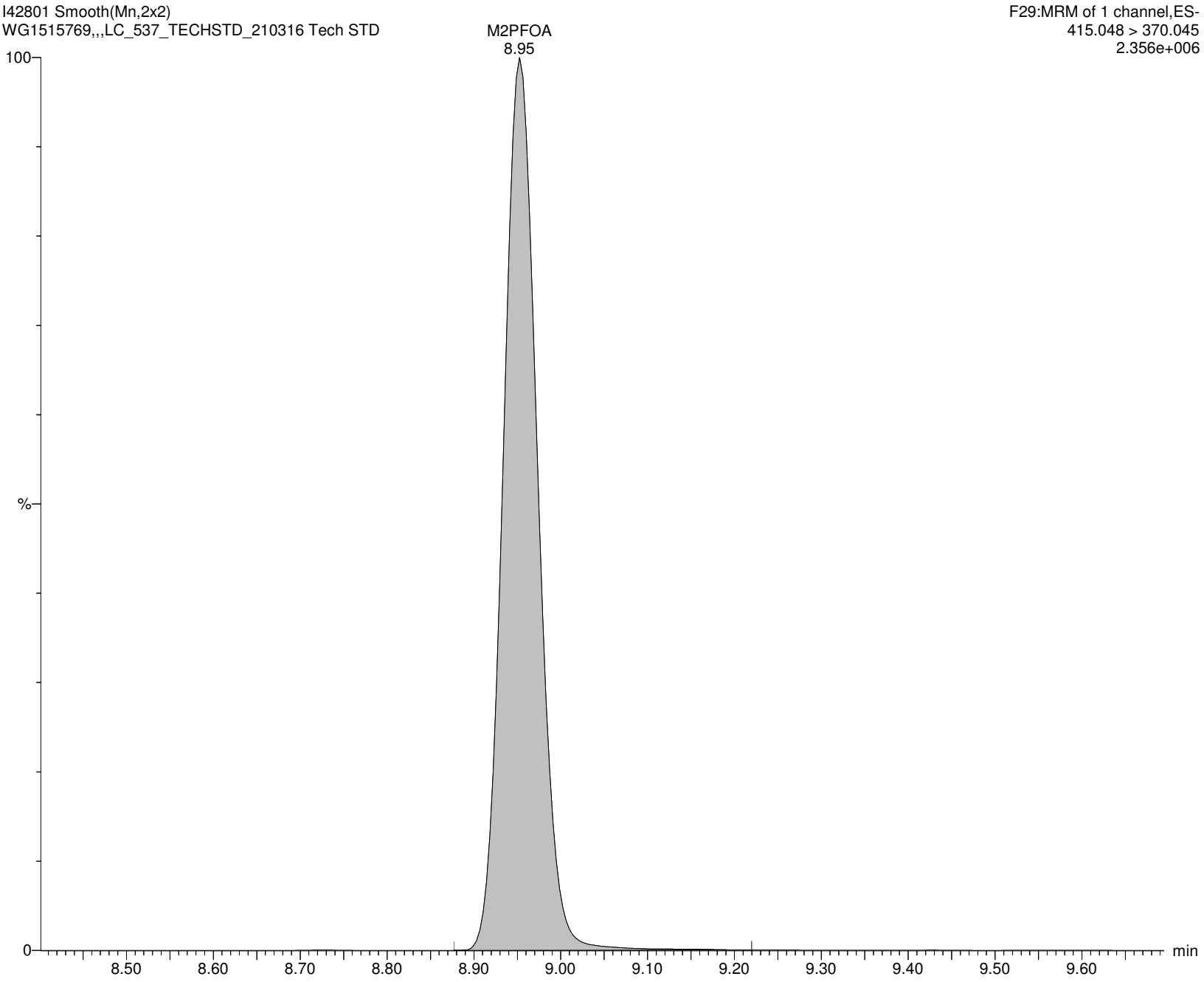


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 10:27:36 Eastern Daylight Time

Name: I42801
ID: Tech STD
Date: 25-Jun-2021
Time: 22:45:30
Description: WG1515769,,,LC_537_TECHSTD_210316
User: LCMS02:RS
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFOA



all concentration units in (ng/mL)

Continuing Calibration

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182	
Project Name	: GROSSINGERS	**Project Number**	: 9313:11	
Instrument ID	: LCMS02	**Calibration Date**	: 09/11/21 13:31	
Lab File ID	: I46528	**Init. Calib. Date(s)**	: 06/25/21	06/25/21
Sample No	: WG1545307-1	**Init. Calib. Times**	: 18:20	20:32
Channel	:			

Compound	Concentration (ng/ml)	True Value (ng/ml)	% Recovery	QC Limits
Perfluorobutanoic Acid (PFBA)	0.491	0.500	98.2	50-150
Perfluoropentanoic Acid (PFPeA)	0.486	0.500	97.2	50-150
Perfluorobutanesulfonic Acid (PFBS)	0.429	0.440	97.1	50-150
Perfluorohexanoic Acid (PFHxA)	0.512	0.500	102.4	50-150
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	0.435	0.470	93.1	50-150
Perfluoropentanesulfonic Acid (PFPeS)	0.488	0.470	103.9	50-150
Perfluoroheptanoic Acid (PFHpA)	0.490	0.500	98	50-150
Perfluorohexanesulfonic Acid-Branched (br-PFHxS)	0.078	0.086	92.3	50-150
Perfluorohexanesulfonic Acid-Linear (L-PFHxS)	0.349	0.370	94.3	50-150
Perfluorohexanesulfonic Acid (PFHxS)	0.428	0.460	-	50-150
Perfluorooctanoic Acid-Branched (br-PFOA)			-	50-150
Perfluorooctanoic Acid-Linear (L-PFOA)	0.535		107.1	50-150
Perfluorooctanoic Acid (PFOA)	0.535	0.500	-	50-150
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	0.486	0.480	102.3	50-150
Perfluoroheptanesulfonic Acid (PFHpS)	0.479	0.480	100.9	50-150
Perfluorononanoic Acid (PFNA)	0.465	0.500	93	50-150
Perfluorooctanesulfonic Acid-Branched (br-PFOS)	0.099	0.098	98.8	50-150
Perfluorooctanesulfonic Acid-Linear (L-PFOS)	0.384	0.365	105.1	50-150
Perfluorooctanesulfonic Acid (PFOS)	0.482	0.460	-	50-150
Perfluorodecanoic Acid (PFDA)	0.474	0.500	94.7	50-150
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	0.481	0.480	100.3	50-150
Perfluorononanesulfonic Acid (PFNS)	0.490	0.480	102	50-150
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	0.385	0.500	-	50-150
N-Methyl Perfluorooctanesulfonamidoacetic Acid-Branched (br-NMeFOSAA)	0.051		42.2*	50-150
N-Methyl Perfluorooctanesulfonamidoacetic Acid-Linear (L-NMeFOSAA)	0.334	0.500	88	50-150
Perfluoroundecanoic Acid (PFUnA)	0.477	0.500	95.5	50-150
Perfluorodecanesulfonic Acid (PFDS)	0.467	0.480	96.8	50-150
Perfluorooctanesulfonamide (FOSA)	0.494	0.500	98.7	50-150
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.360	0.500	-	50-150
N-Ethyl Perfluorooctanesulfonamidoacetic Acid-Branched (br-NEtFOSAA)	0.088		78.3	50-150
N-Ethyl Perfluorooctanesulfonamidoacetic Acid-Linear (L-NEtFOSAA)	0.272	0.500	70.2	50-150
Perfluorododecanoic Acid (PFDoA)	0.529	0.500	105.9	50-150
Perfluorotridecanoic Acid (PFTrDA)	0.545	0.500	108.9	50-150
Perfluorotetradecanoic Acid (PFTA)	0.476	0.500	95.2	50-150
Perfluoro[13C4]Butanoic Acid (MPFBA)	10.391	10.000	103.9	50-150
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	8.896	10.000	89	50-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	10.190	10.000	101.9	50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	9.291	10.000	92.9	50-150
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	12.046	10.000	120.5	50-150
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	11.259	10.000	112.6	50-150
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	10.684	10.000	106.8	50-150
Perfluoro[13C8]Octanoic Acid (M8PFOA)	10.194	10.000	101.9	50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	7.731	10.000	77.3	50-150

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182	
Project Name	: GROSSINGERS	**Project Number**	: 9313:11	
Instrument ID	: LCMS02	**Calibration Date**	: 09/11/21 13:31	
Lab File ID	: I46528	**Init. Calib. Date(s)**	: 06/25/21	06/25/21
Sample No	: WG1545307-1	**Init. Calib. Times**	: 18:20	20:32
Channel	:			

Compound	Concentration (ng/ml)	True Value (ng/ml)	% Recovery	QC Limits
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	10.825	10.000	108.3	50-150
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	10.546	10.000	105.5	50-150
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	10.740	10.000	107.4	50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	7.680	10.000	76.8	50-150
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	9.938	10.000	99.4	50-150
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	10.807	10.000	108.1	50-150
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	11.857	10.000	118.6	50-150
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	10.199	10.000	102	50-150
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	9.983	10.000	99.8	50-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	9.548	10.000	95.5	50-150
M4PFOS	17.509		175.1	
M2PFDA	14.749		147.5	
M2PFOA	14.415		144.1	
M3PFBA	20.099		201	
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid (HFPO-DA)	4.691	0.500	93.8	50-150
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-13C3-Propanoic Acid (M3HFPO-DA)	289.222	10.000	144.6	50-150
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	0.525	0.500	111	50-150
Perfluorohexadecanoic Acid (PFHxDA)	0.659	0.500	131.7	50-150
Perfluorooctadecanoic Acid (PFODA)	0.328	0.500	65.6	50-150
Perfluoro[13C2]Hexadecanoic Acid (M2PFHxDA)	9.378	10.000	93.8	50-150

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182	
Project Name	: GROSSINGERS	**Project Number**	: 9313:11	
Instrument ID	: LCMS02	**Calibration Date**	: 09/11/21 17:48	
Lab File ID	: I46543	**Init. Calib. Date(s)**	: 06/25/21	06/25/21
Sample No	: WG1545307-2	**Init. Calib. Times**	: 18:20	20:32
Channel	:			

Compound	Concentration (ng/ml)	True Value (ng/ml)	% Recovery	QC Limits
Perfluorobutanoic Acid (PFBA)	10.472	10.000	104.7	70-130
Perfluoropentanoic Acid (PFPeA)	10.119	10.000	101.2	70-130
Perfluorobutanesulfonic Acid (PFBS)	9.286	8.850	104.9	70-130
Perfluorohexanoic Acid (PFHxA)	10.574	10.000	105.7	70-130
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	10.612	9.350	113.5	70-130
Perfluoropentanesulfonic Acid (PFPeS)	10.598	9.400	112.7	70-130
Perfluoroheptanoic Acid (PFHpA)	10.336	10.000	103.4	70-130
Perfluorohexanesulfonic Acid-Branched (br-PFHxS)	2.079	1.720	122.3	70-130
Perfluorohexanesulfonic Acid-Linear (L-PFHxS)	7.842	7.400	106	70-130
Perfluorohexanesulfonic Acid (PFHxS)	9.921	9.120	-	70-130
Perfluorooctanoic Acid-Branched (br-PFOA)			-	70-130
Perfluorooctanoic Acid-Linear (L-PFOA)	10.729	10.000	107.3	70-130
Perfluorooctanoic Acid (PFOA)	10.729	10.000	-	70-130
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	10.804	9.500	113.7	70-130
Perfluoroheptanesulfonic Acid (PFHpS)	10.349	9.500	108.9	70-130
Perfluorononanoic Acid (PFNA)	10.105	10.000	101	70-130
Perfluorooctanesulfonic Acid-Branched (br-PFOS)	2.320	1.960	116	70-130
Perfluorooctanesulfonic Acid-Linear (L-PFOS)	8.122	7.300	111.3	70-130
Perfluorooctanesulfonic Acid (PFOS)	10.442	9.260	-	70-130
Perfluorodecanoic Acid (PFDA)	10.190	10.000	101.9	70-130
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	10.454	9.600	108.9	70-130
Perfluorononanesulfonic Acid (PFNS)	10.785	9.600	112.3	70-130
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	11.052	10.000	-	70-130
N-Methyl Perfluorooctanesulfonamidoacetic Acid-Branched (br-NMeFOSAA)	2.694		112.2	70-130
N-Methyl Perfluorooctanesulfonamidoacetic Acid-Linear (L-NMeFOSAA)	8.359	10.000	110	70-130
Perfluoroundecanoic Acid (PFUnA)	10.464	10.000	104.6	70-130
Perfluorodecanesulfonic Acid (PFDS)	10.579	9.650	109.6	70-130
Perfluorooctanesulfonamide (FOSA)	10.102	10.000	101	70-130
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	10.317	10.000	-	70-130
N-Ethyl Perfluorooctanesulfonamidoacetic Acid-Branched (br-NEtFOSAA)	2.651		117.8	70-130
N-Ethyl Perfluorooctanesulfonamidoacetic Acid-Linear (L-NEtFOSAA)	7.667	10.000	98.9	70-130
Perfluorododecanoic Acid (PFDoA)	10.230	10.000	102.3	70-130
Perfluorotridecanoic Acid (PFTrDA)	11.761	10.000	117.6	70-130
Perfluorotetradecanoic Acid (PFTA)	10.628	10.000	106.3	70-130
Perfluoro[13C4]Butanoic Acid (MPFBA)	10.356	10.000	103.6	50-150
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	8.957	10.000	89.6	50-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	10.027	10.000	100.3	50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	9.253	10.000	92.5	50-150
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	11.463	10.000	114.6	50-150
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	11.034	10.000	110.3	50-150
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	10.165	10.000	101.6	50-150
Perfluoro[13C8]Octanoic Acid (M8PFOA)	10.164	10.000	101.6	50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	8.590	10.000	85.9	50-150

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Instrument ID	: LCMS02	**Calibration Date**	: 09/11/21 17:48
Lab File ID	: I46543	**Init. Calib. Date(s)**	: 06/25/21 06/25/21
Sample No	: WG1545307-2	**Init. Calib. Times**	: 18:20 20:32
Channel	:		

Compound	Concentration (ng/ml)	True Value (ng/ml)	% Recovery	QC Limits
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	10.780	10.000	107.8	50-150
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	10.743	10.000	107.4	50-150
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	10.621	10.000	106.2	50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	7.991	10.000	79.9	50-150
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	9.478	10.000	94.8	50-150
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	10.219	10.000	102.2	50-150
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	12.135	10.000	121.3	50-150
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	9.805	10.000	98	50-150
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	9.894	10.000	98.9	50-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	8.434	10.000	84.3	50-150
M4PFOS	19.786		197.9	
M2PFDA	17.166		171.7	
M2PFOA	16.644		166.4	
M3PFBA	21.565		215.6	
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid (HFPO-DA)	118.920	10.000	118.9	70-130
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-13C3-Propanoic Acid (M3HFPO-DA)	230.141	10.000	115.1	50-150
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	10.819	10.000	114.3	70-130
Perfluorohexadecanoic Acid (PFHxDA)	11.604	10.000	116	70-130
Perfluorooctadecanoic Acid (PFODA)	6.202	10.000	62*	70-130
Perfluoro[13C2]Hexadecanoic Acid (M2PFHxDA)	8.069	10.000	80.7	50-150

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182	
Project Name	: GROSSINGERS	**Project Number**	: 9313:11	
Instrument ID	: LCMS02	**Calibration Date**	: 09/11/21 20:50	
Lab File ID	: I46554	**Init. Calib. Date(s)**	: 06/25/21	06/25/21
Sample No	: WG1545307-3	**Init. Calib. Times**	: 18:20	20:32
Channel	:			

Compound	Concentration (ng/ml)	True Value (ng/ml)	% Recovery	QC Limits
Perfluorobutanoic Acid (PFBA)	0.485	0.500	97	50-150
Perfluoropentanoic Acid (PFPeA)	0.474	0.500	94.9	50-150
Perfluorobutanesulfonic Acid (PFBS)	0.428	0.440	96.7	50-150
Perfluorohexanoic Acid (PFHxA)	0.504	0.500	100.9	50-150
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	0.443	0.470	94.8	50-150
Perfluoropentanesulfonic Acid (PFPeS)	0.498	0.470	105.9	50-150
Perfluoroheptanoic Acid (PFHpA)	0.479	0.500	95.8	50-150
Perfluorohexanesulfonic Acid-Branched (br-PFHxS)	0.089	0.086	104.6	50-150
Perfluorohexanesulfonic Acid-Linear (L-PFHxS)	0.340	0.370	91.8	50-150
Perfluorohexanesulfonic Acid (PFHxS)	0.429	0.460	-	50-150
Perfluorooctanoic Acid-Branched (br-PFOA)			-	50-150
Perfluorooctanoic Acid-Linear (L-PFOA)	0.531		106.2	50-150
Perfluorooctanoic Acid (PFOA)	0.531	0.500	-	50-150
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	0.523	0.480	110	50-150
Perfluoroheptanesulfonic Acid (PFHpS)	0.471	0.480	99.1	50-150
Perfluorononanoic Acid (PFNA)	0.496	0.500	99.2	50-150
Perfluorooctanesulfonic Acid-Branched (br-PFOS)	0.107	0.098	106.6	50-150
Perfluorooctanesulfonic Acid-Linear (L-PFOS)	0.377	0.365	103.3	50-150
Perfluorooctanesulfonic Acid (PFOS)	0.484	0.460	-	50-150
Perfluorodecanoic Acid (PFDA)	0.483	0.500	96.6	50-150
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	0.576	0.480	120	50-150
Perfluorononanesulfonic Acid (PFNS)	0.461	0.480	96	50-150
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	0.428	0.500	-	50-150
N-Methyl Perfluorooctanesulfonamidoacetic Acid-Branched (br-NMeFOSAA)	0.059		49*	50-150
N-Methyl Perfluorooctanesulfonamidoacetic Acid-Linear (L-NMeFOSAA)	0.369	0.500	97.1	50-150
Perfluoroundecanoic Acid (PFUnA)	0.492	0.500	98.3	50-150
Perfluorodecanesulfonic Acid (PFDS)	0.457	0.480	94.6	50-150
Perfluorooctanesulfonamide (FOSA)	0.484	0.500	96.9	50-150
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.321	0.500	-	50-150
N-Ethyl Perfluorooctanesulfonamidoacetic Acid-Branched (br-NEtFOSAA)	0.051		45.1*	50-150
N-Ethyl Perfluorooctanesulfonamidoacetic Acid-Linear (L-NEtFOSAA)	0.270	0.500	69.7	50-150
Perfluorododecanoic Acid (PFDoA)	0.464	0.500	92.9	50-150
Perfluorotridecanoic Acid (PFTrDA)	0.580	0.500	116	50-150
Perfluorotetradecanoic Acid (PFTA)	0.442	0.500	88.4	50-150
Perfluoro[13C4]Butanoic Acid (MPFBA)	10.484	10.000	104.8	50-150
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	9.397	10.000	94	50-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	9.716	10.000	97.2	50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	7.772	10.000	77.7	50-150
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	11.494	10.000	114.9	50-150
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	11.187	10.000	111.9	50-150
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	10.063	10.000	100.6	50-150
Perfluoro[13C8]Octanoic Acid (M8PFOA)	10.192	10.000	101.9	50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	7.850	10.000	78.5	50-150

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148182	
Project Name	: GROSSINGERS	**Project Number**	: 9313:11	
Instrument ID	: LCMS02	**Calibration Date**	: 09/11/21 20:50	
Lab File ID	: I46554	**Init. Calib. Date(s)**	: 06/25/21	06/25/21
Sample No	: WG1545307-3	**Init. Calib. Times**	: 18:20	20:32
Channel	:			

Compound	Concentration (ng/ml)	True Value (ng/ml)	% Recovery	QC Limits
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	10.722	10.000	107.2	50-150
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	10.489	10.000	104.9	50-150
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	10.724	10.000	107.2	50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	7.908	10.000	79.1	50-150
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	9.614	10.000	96.1	50-150
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	10.920	10.000	109.2	50-150
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	12.341	10.000	123.4	50-150
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	9.607	10.000	96.1	50-150
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	10.275	10.000	102.8	50-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	8.704	10.000	87	50-150
M4PFOS	19.061		190.6	
M2PFDA	15.980		159.8	
M2PFOA	15.491		154.9	
M3PFBA	18.711		187.1	
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid (HFPO-DA)	5.200	0.500	104	50-150
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-13C3-Propanoic Acid (M3HFPO-DA)	256.745	10.000	128.4	50-150
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	0.518	0.500	109.6	50-150
Perfluorohexadecanoic Acid (PFHxDA)	0.658	0.500	131.6	50-150
Perfluorooctadecanoic Acid (PFODA)	0.318	0.500	63.6	50-150
Perfluoro[13C2]Hexadecanoic Acid (M2PFHxDA)	8.025	10.000	80.3	50-150

*** Value outside of QC limits.**

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210911_537.PRO\MethDB\537ISO_Q_210625_TOP_RT2.mdb 03 Sep 2021 08:44:20
Calibration: C:\MassLynx\Data\2021\210911_537.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

ID: WG1545307-1,537ILOW
Name: I46528
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:SG
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.12	213.032 > 169.022	5152		0.491		na	98.2
2	M3PFBA	INT STD	2.12	216.009 > 171.999	105514		20.099		na	201.0
3	MPFBA	INT STD	2.12	217.001 > 171.999	117890		10.391		na	103.9
4	PFPeA	2706-90-3	5.01	263.039 > 219.03	5062	M4	0.486		na	97.2
5	M5PFPEA	INT STD	5.00	268.001 > 222.999	110755		8.896		na	89.0
6	PFBS	375-73-5	5.66	299.092 > 80.062	1040		0.429	1.88	NO	97.1
7	M3PFBS	INT STD	5.66	302.069 > 80.062	22281		10.190		na	101.9
8	4:2FTS	757124-72-4	6.83	327.146 > 307.139	348		0.435	2.22	NO	93.1
9	M2-4:2FTS	INT STD	6.83	329.13 > 309.124	8141		9.291		na	92.9
10	PFHxA	307-24-4	6.90	313.047 > 269.037	6107		0.512	18.32	NO	102.4
11	M5PFHxA	INT STD	6.90	318.009 > 273.007	112449		12.046		na	120.5
12	PFPeS	2706-91-4	7.22	349.1 > 80.062	1130		0.488	2.45	NO	103.9
13	PFHpA	375-85-9	8.17	363.055 > 319.045	7768		0.490	5.97	NO	98.0
14	M4PFHpA	INT STD	8.17	367.025 > 322.022	156705		11.259		na	112.6
15	br-PFHxS	355-46-4	8.10	399.107 > 80.062	173	M5,M7	0.078	2.01	NO	92.3
16	L-PFHxS	355-46-4	8.33	399.107 > 80.062	1009		0.349	1.52	NO	94.3
17	PFHxS	355-46-4		399.107 > 80.062	1182		0.428		na	
18	M3PFHxS	INT STD	8.33	402.084 > 80.062	26491		10.684		na	106.8
19	br-PFOA	335-67-1		413.063 > 369.053			ND		YES	
20	L-PFOA	335-67-1	9.11	413.063 > 369.053	8151		0.535	9.02	NO	107.1
21	PFOA	335-67-1		413.063 > 369.053	8151		0.535		na	
22	M8PFOA	INT STD	9.11	421.002 > 376.	158010		10.194		na	101.9
23	M2PFOA	INT STD	9.11	415.048 > 370.045	152670		14.415		na	144.1
24	6:2FTS	27619-97-2	9.08	427.161 > 407.155	335		0.486	3.57	NO	102.3
25	M2-6:2FTS	INT STD	9.07	429.146 > 409.14	6954		7.731		na	77.3
26	PFHpS	375-92-8	9.21	449.115 > 80.062	804		0.479	1.06	NO	100.9
27	PFNA	375-95-1	9.87	463.071 > 419.061	5599		0.465	3.85	NO	93.0
28	M9PFNA	INT STD	9.87	472.002 > 427.	48196		10.825		na	108.3
29	br-PFOS	1763-23-1	9.74	499.123 > 80.062	251	M5,M7	0.099	2.73	NO	98.8
30	L-PFOS	1763-23-1	9.93	499.123 > 80.062	791		0.384	1.84	NO	105.1
31	PFOS	1763-23-1		499.123 > 80.062	1042		0.482		na	
32	M4PFOS	INT STD	9.93	503.093 > 80.062	19817		17.509		na	175.1
33	M8PFOS	INT STD	9.93	507.062 > 80.062	23418		10.546		na	105.5
34	PFDA	335-76-2	10.51	513.078 > 469.069	5170		0.474	5.81	NO	94.7
35	M2PFDA	INT STD	10.51	515.053 > 469.934	89974		14.749		na	147.5
36	M6PFDA	INT STD	10.51	519.033 > 474.03	109678		10.740		na	107.4
37	8:2FTS	39108-34-4	10.50	527.177 > 507.171	160		0.481	4.89	NO	100.3
38	M2-8:2FTS	INT STD	10.50	529.162 > 509.155	5078		7.680		na	76.8
39	PFNS	68259-12-1	10.54	549.131 > 80.062	886		0.490	1.53	NO	102.0

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

ID: WG1545307-1,537ILOW
Name: I46528
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:SG
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.90	573.22 > 419.061	9565		9.938		na	99.4
41	br-NMeFOSAA		10.74	570.202 > 419.061	19	M5,M7	0.051	0.65	NO	42.2
42	L-NMeFOSAA		10.91	570.202 > 419.061	348		0.334	2.85	NO	88.0
43	NMeFOSAA	2355-31-9		570.202 > 419.061	367		0.385		na	
44	PFUnA	2058-94-8	11.06	563.086 > 519.076	4957		0.477	11.64	NO	95.5
45	M7-PFUDA	INT STD	11.05	570.033 > 525.031	102931		10.807		na	108.1
46	PFDS	335-77-3	11.07	599.139 > 80.062	908		0.467	1.56	NO	96.8
47	FOSA	754-91-6	10.98	498.146 > 78.07	2771	M7	0.494	97.67	NO	98.7
48	M8FOSA	INT STD	10.97	506.077 > 78.07	65560		11.857		na	118.6
49	br-NEtFOSAA		11.07	584.229 > 419.061	24	M5,M7	0.088	1.35	YES	78.3
50	L-NEtFOSAA		11.20	584.229 > 419.061	218		0.272	0.90	NO	70.2
51	NEtFOSAA	2991-50-6		584.229 > 419.061	242		0.360		na	
52	d5-NEtFOSAA	INT STD	11.19	589.259 > 419.061	8112		10.199		na	102.0
53	PFDoA	307-55-1	11.53	613.094 > 569.084	5100		0.529	27.67	NO	105.9
54	MPFDOA	INT STD	11.53	615.079 > 570.077	91729		9.983		na	99.8
55	PFTrDA	72629-94-8	11.95	663.102 > 619.092	3740	M4,M7	0.545	14.08	NO	108.9
56	PFTA	376-06-7	12.31	713.11 > 669.1	2551		0.476	8.43	NO	95.2
57	M2PFTEDA	INT STD	12.31	715.094 > 670.092	27518		9.548		na	95.5
58	M3HFPO-DA	INT STD	7.33	287.02 > 169.022	12493		289.222		na	144.6
59	HFPO-DA	13252-13-6	7.33	285.035 > 169.022	285	M3	4.691	4.54	NO	93.8
60	ADONA	958445-44-8	8.35	377.06 > 251.028	6588		0.525	40.11	NO	111.0
61	PFHxDA		12.77	813.122 > 769.116	1724		0.659	17.80	NO	131.7
62	PFODA		12.98	913.411 > 869.131	105		0.328	58.79	YES	65.6
63	M2PFHxDA		12.76	815.102 > 770.108	39590		9.378		na	93.8

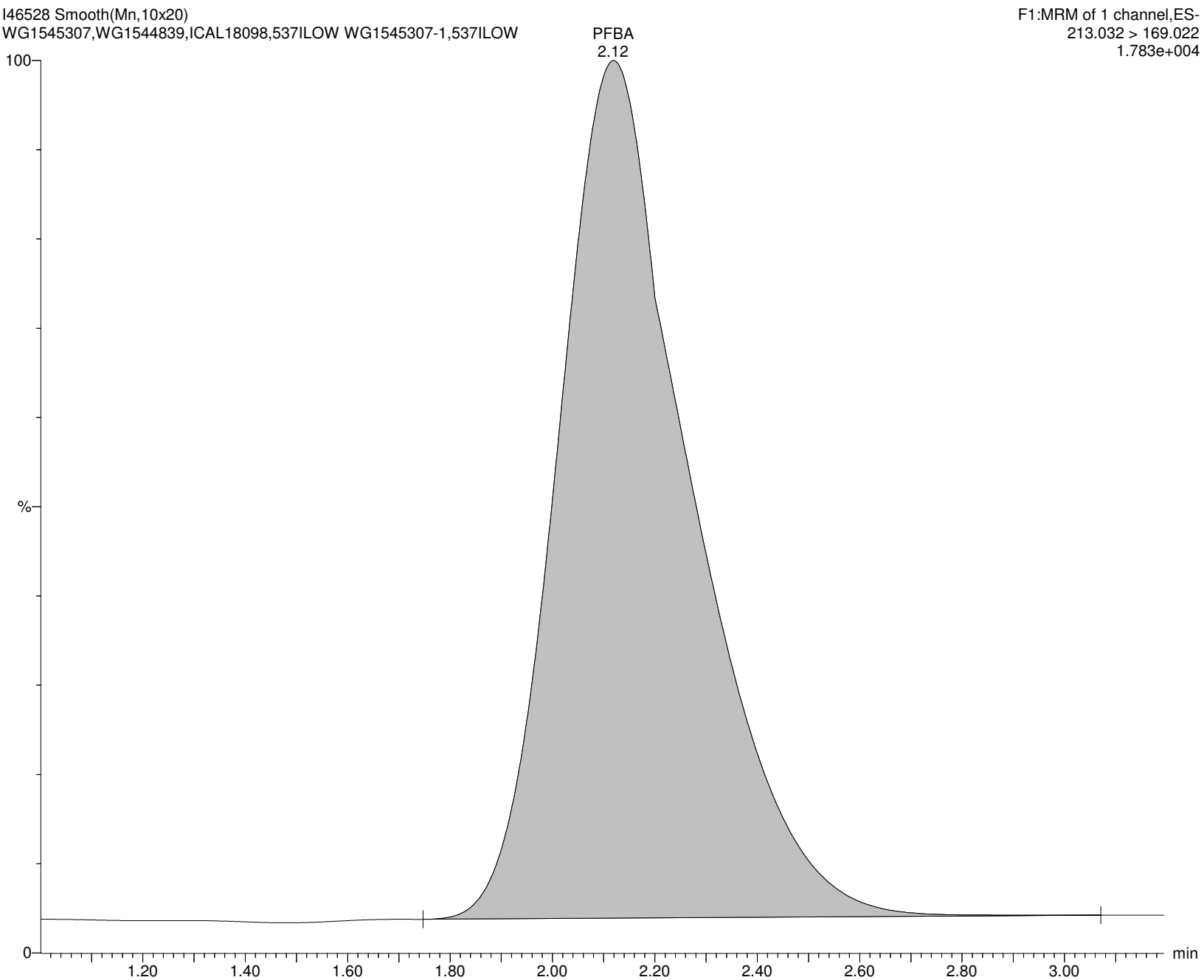
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210911_537.PRO\MethDB\537ISO_Q_210625_TOP_RT2.mdb 03 Sep 2021 08:44:20
Calibration: C:\MassLynx\Data\2021\210911_537.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBA

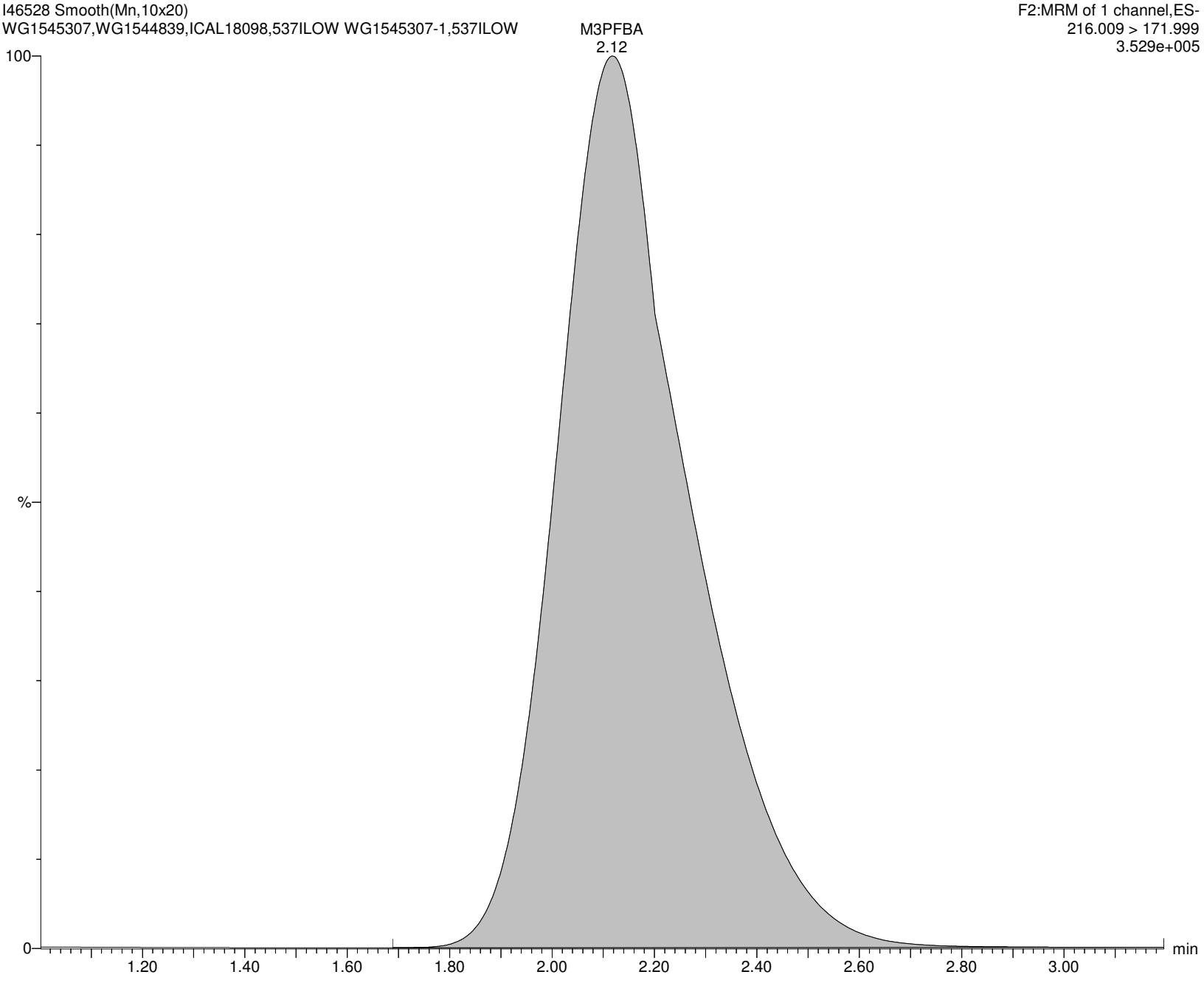


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBA

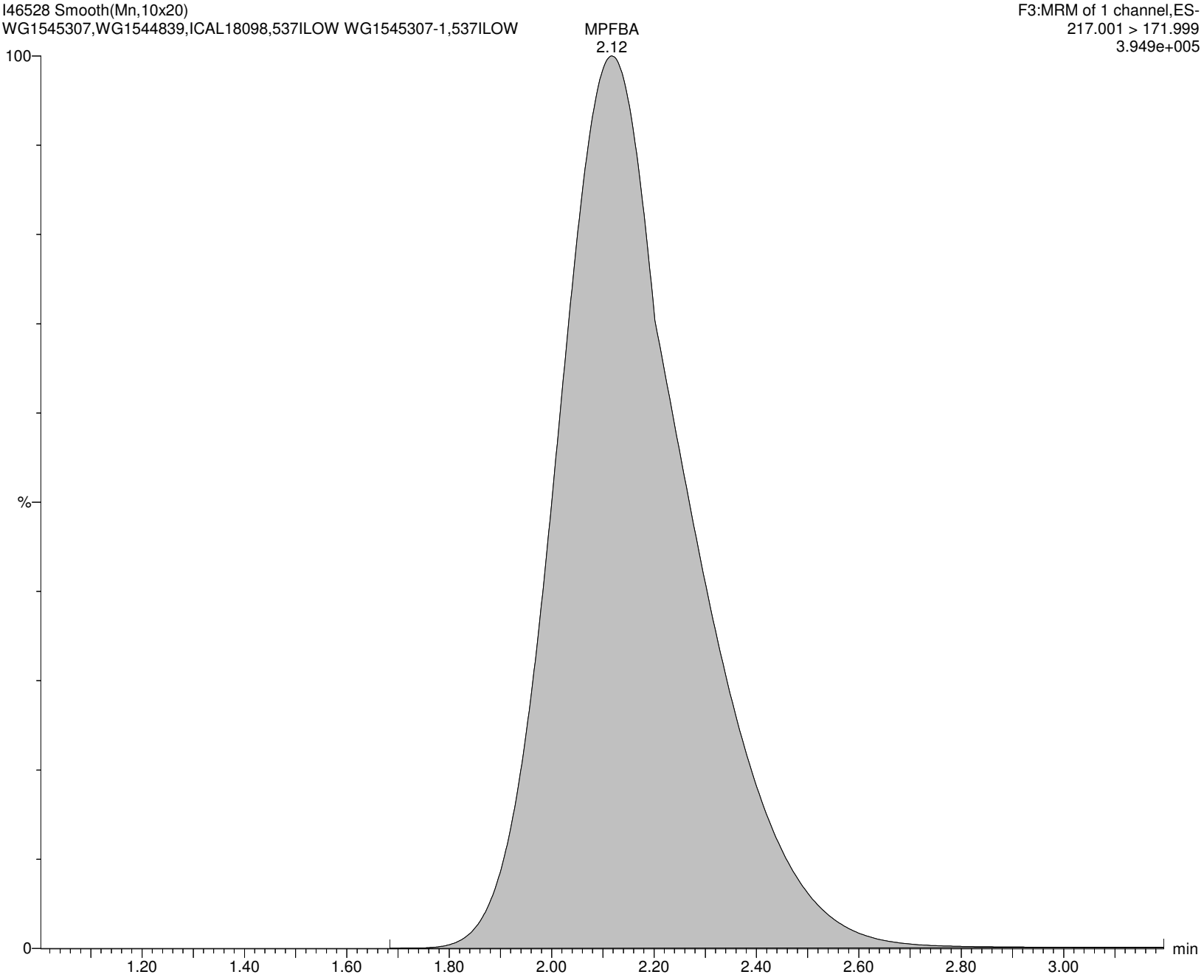


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFBA

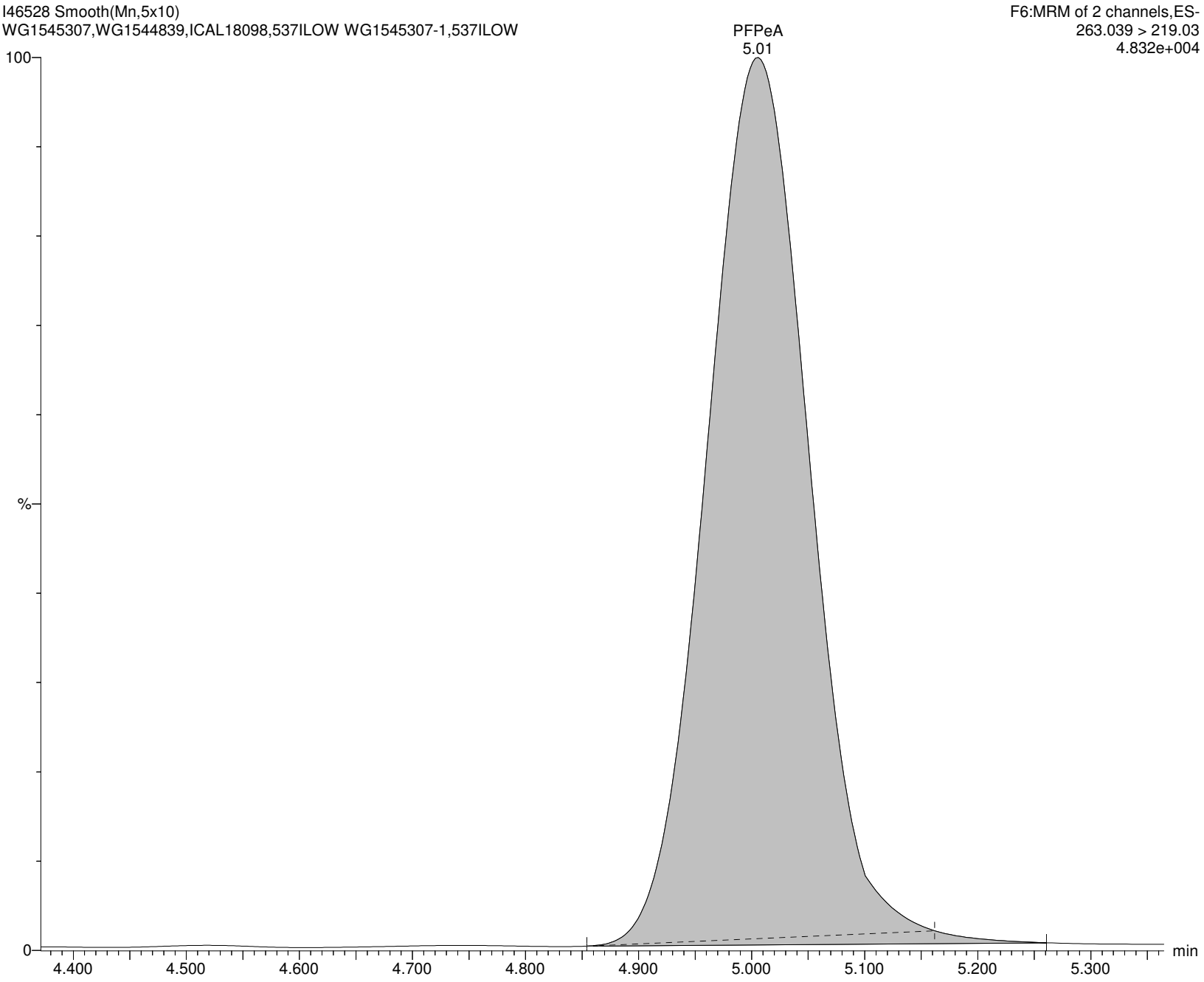


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeA

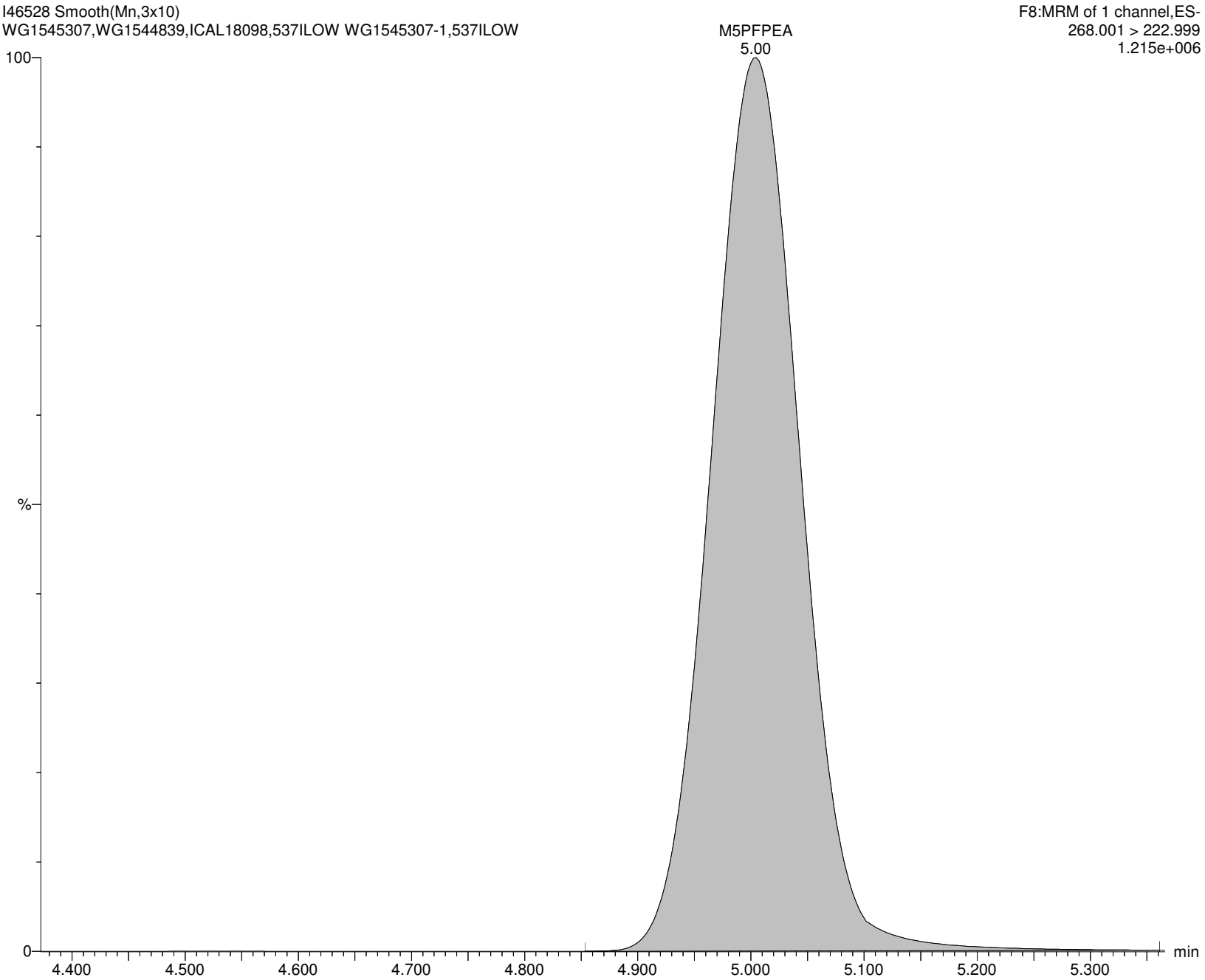


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFPEA

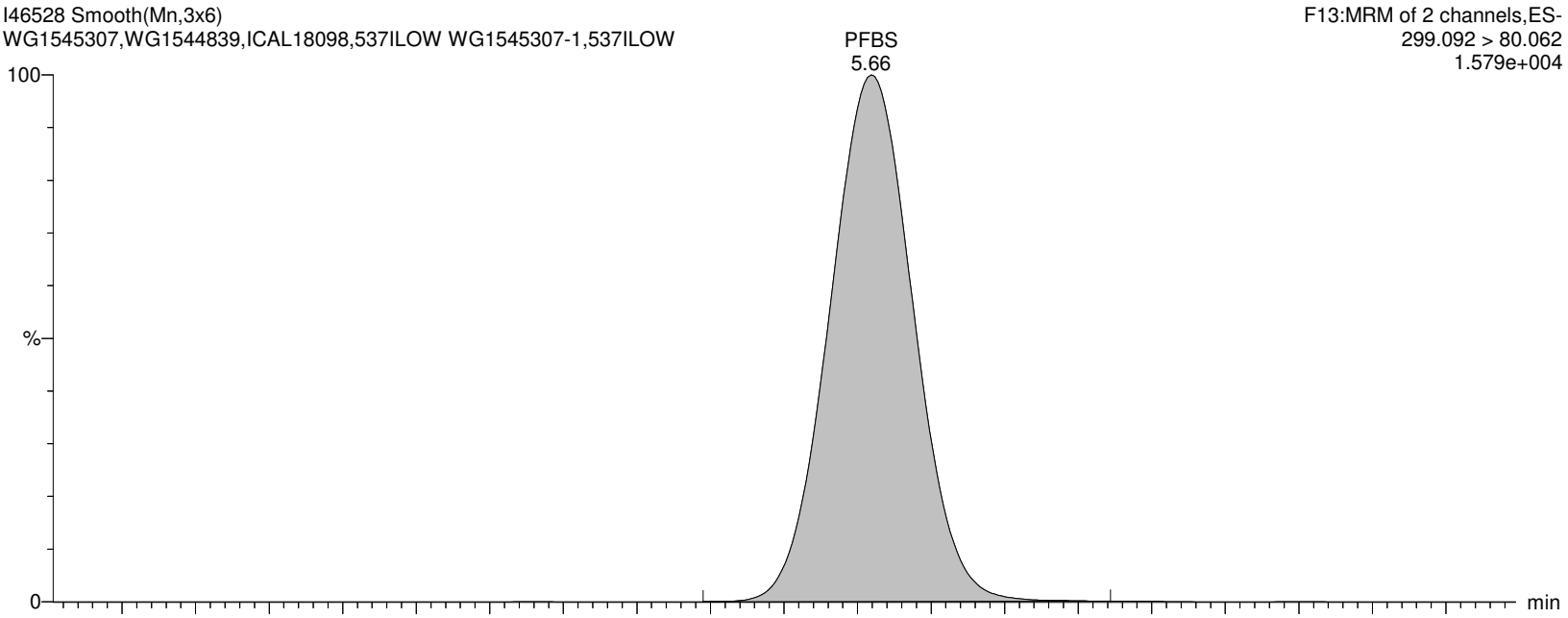


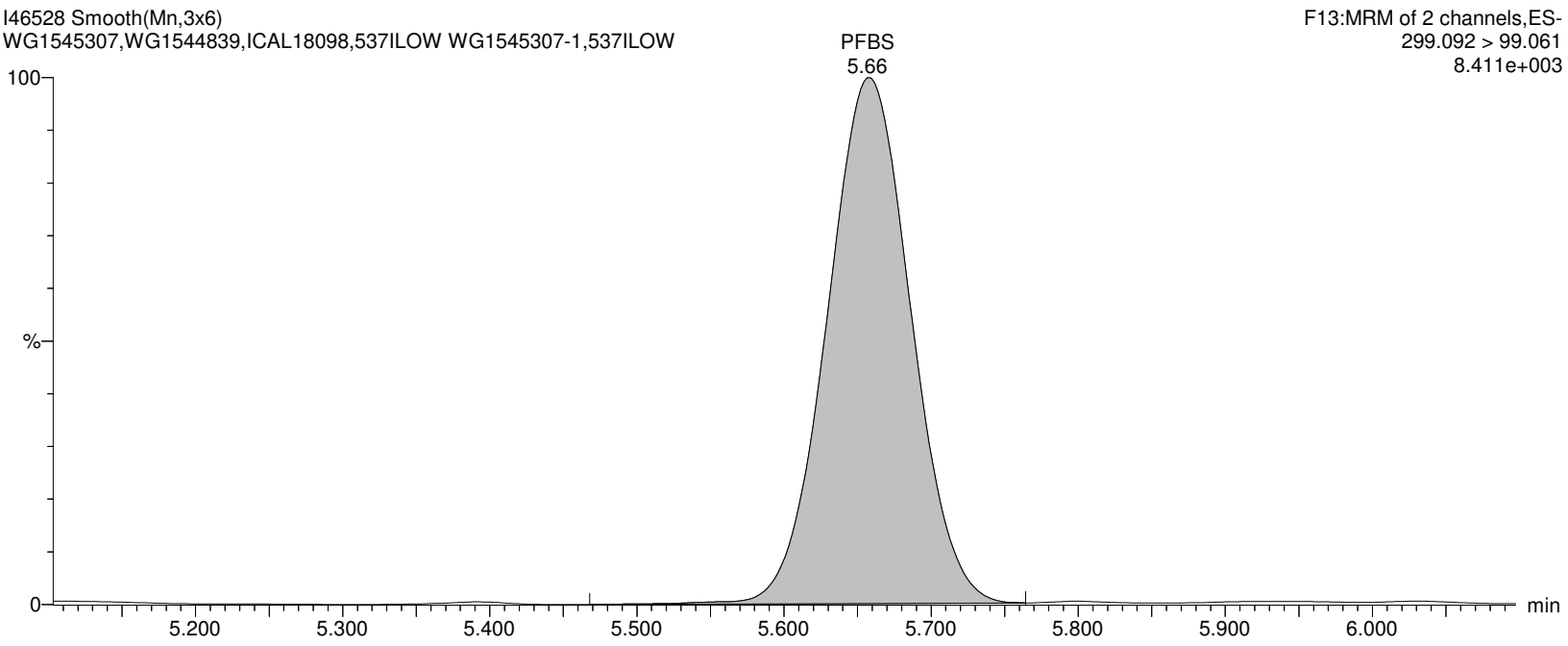
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBS



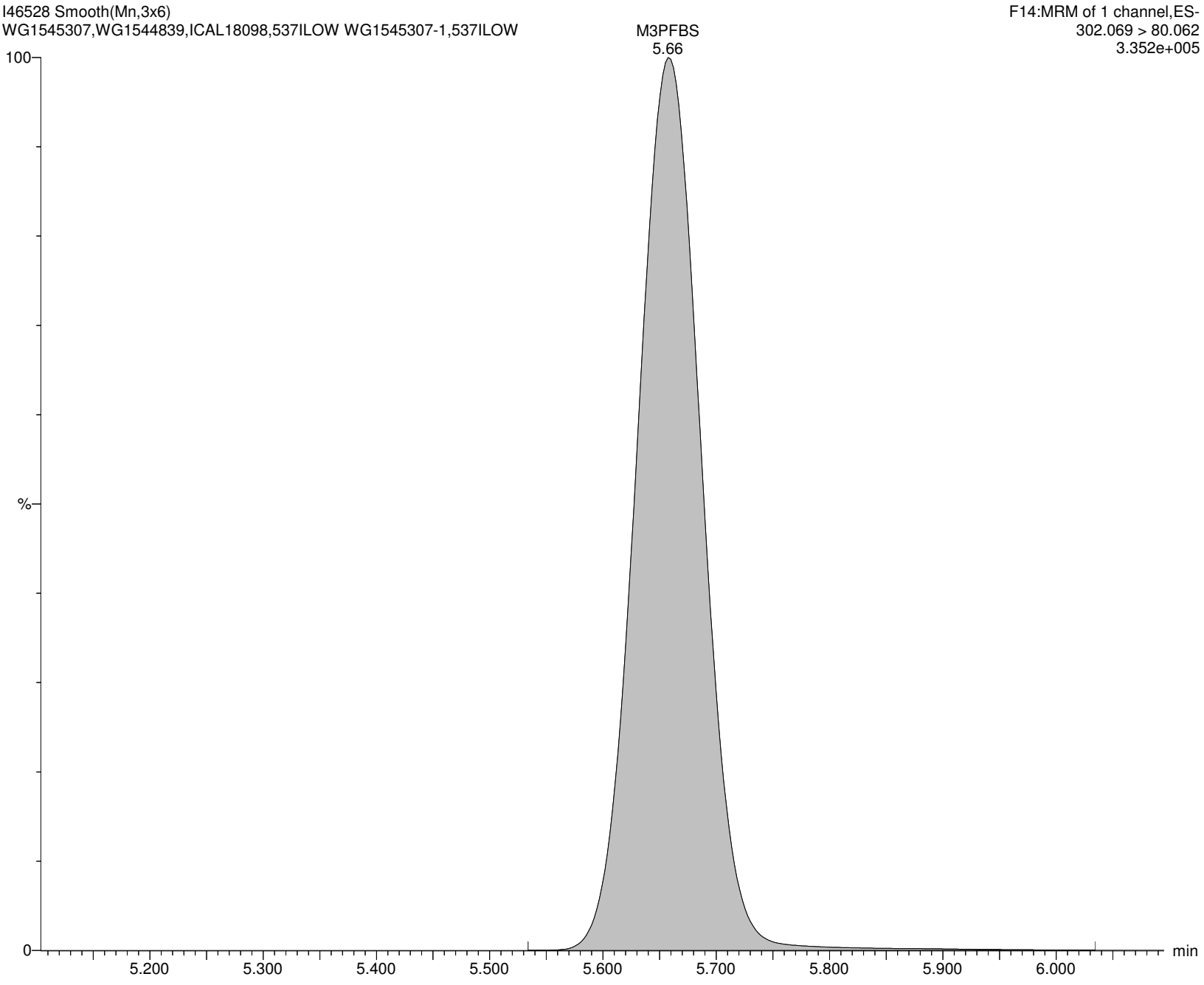


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBS

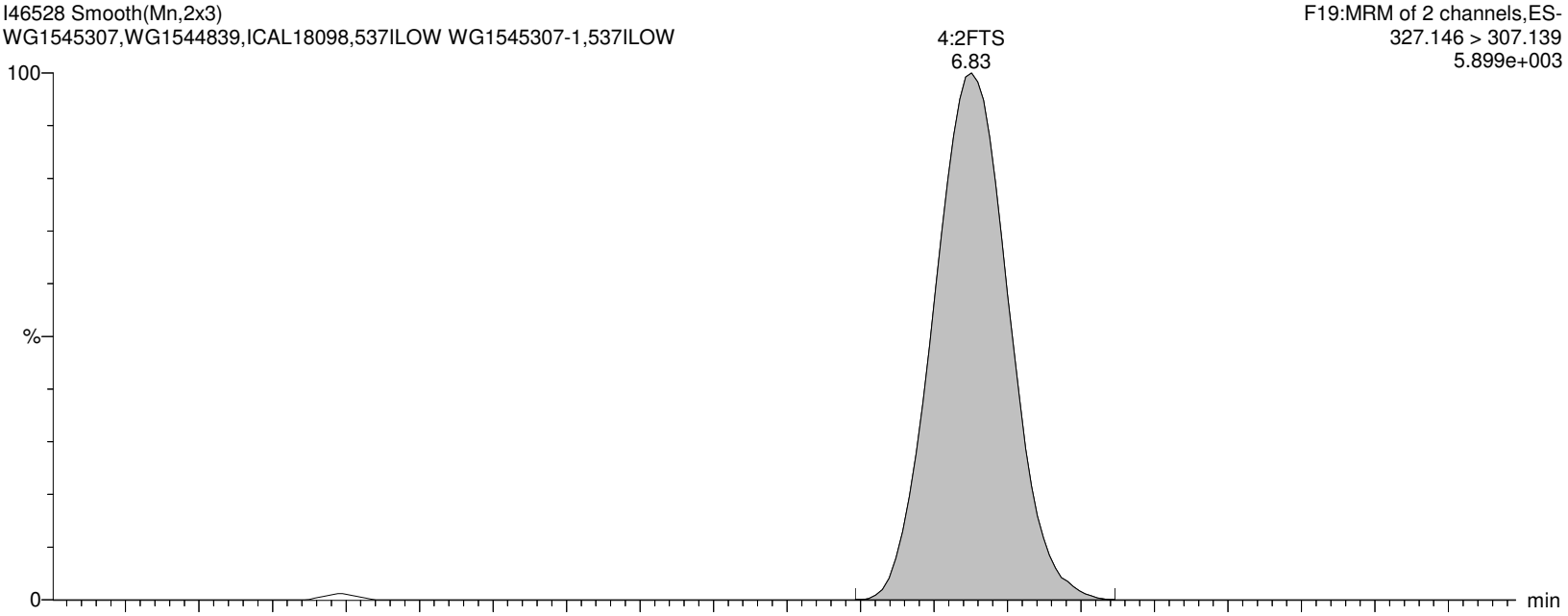


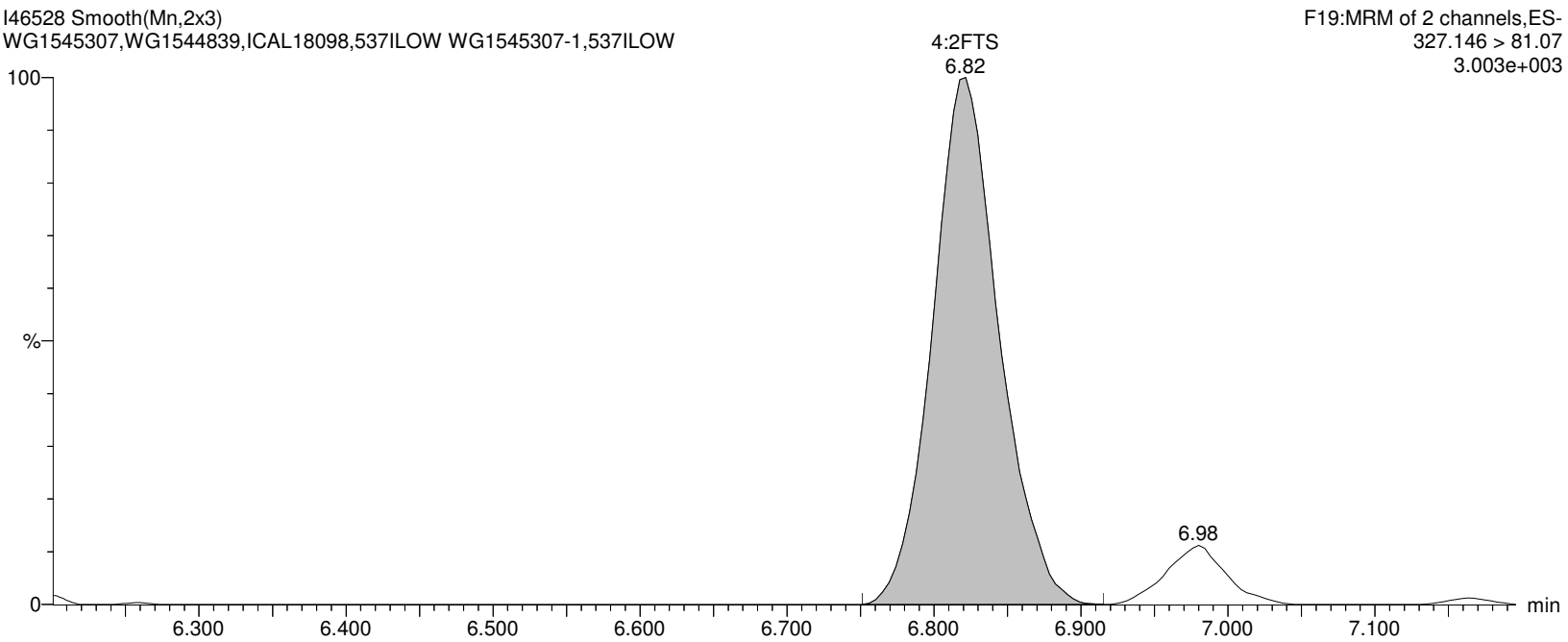
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

4:2FTS



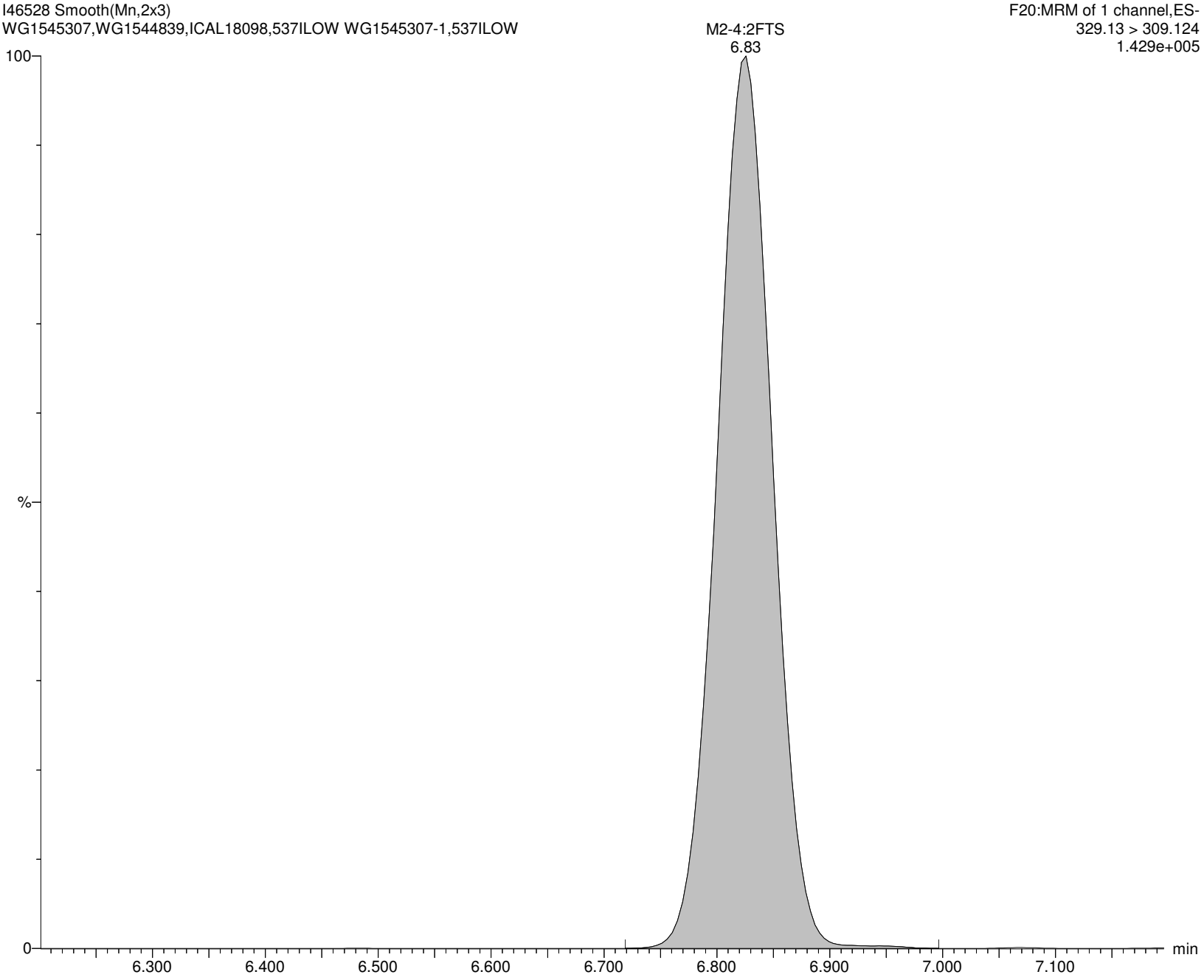


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-4:2FTS

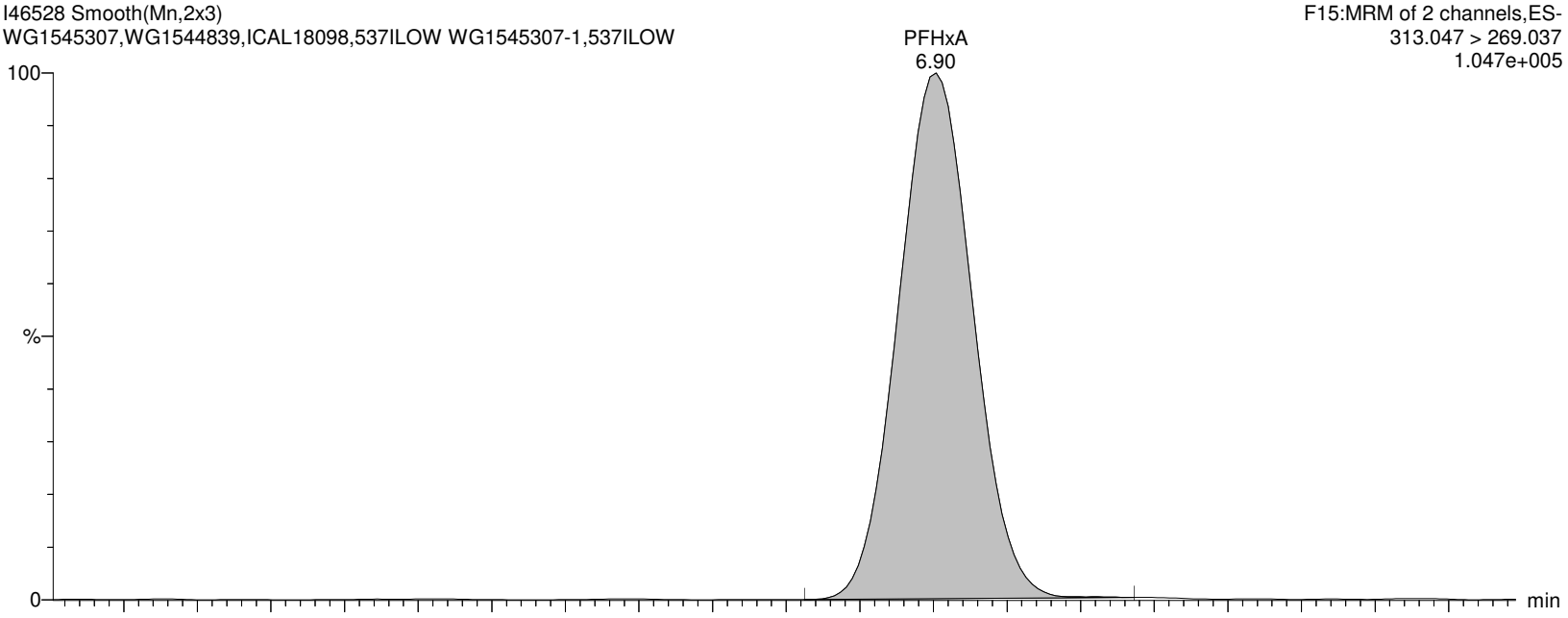


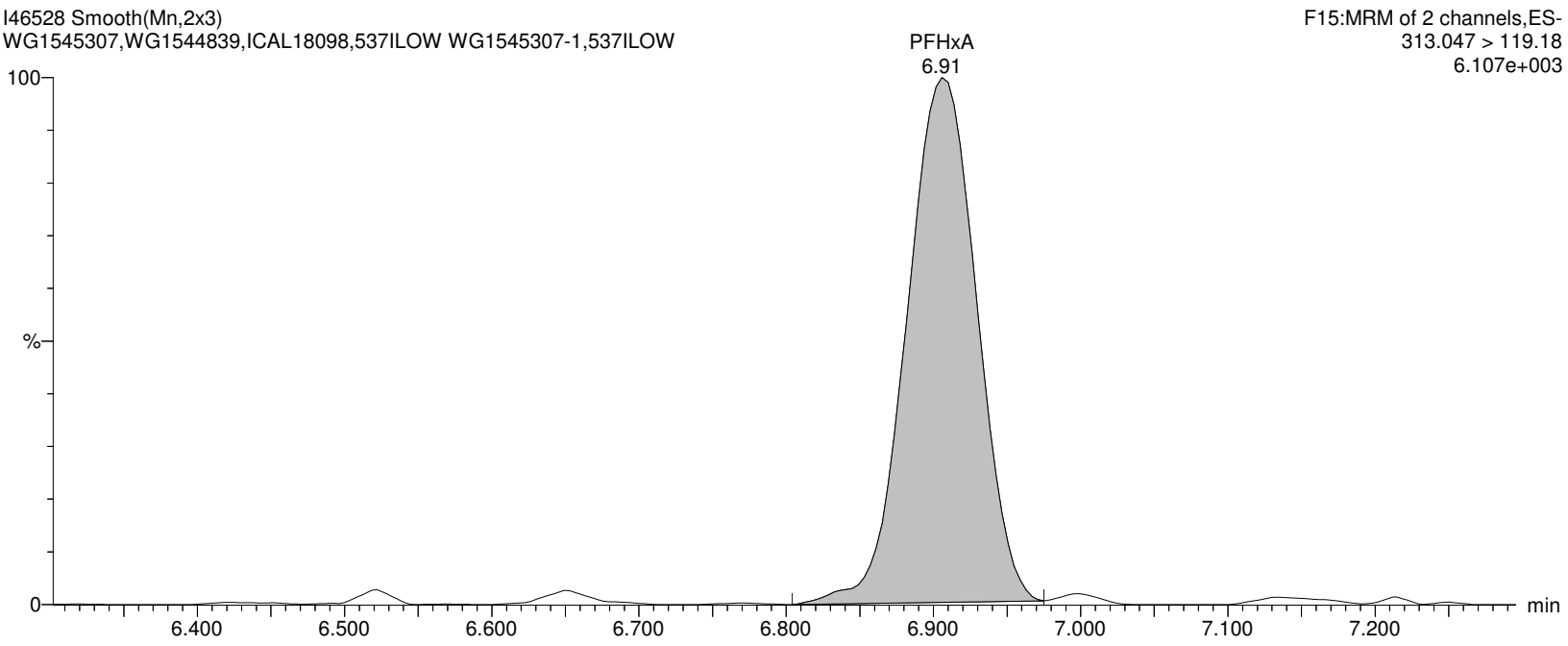
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxA



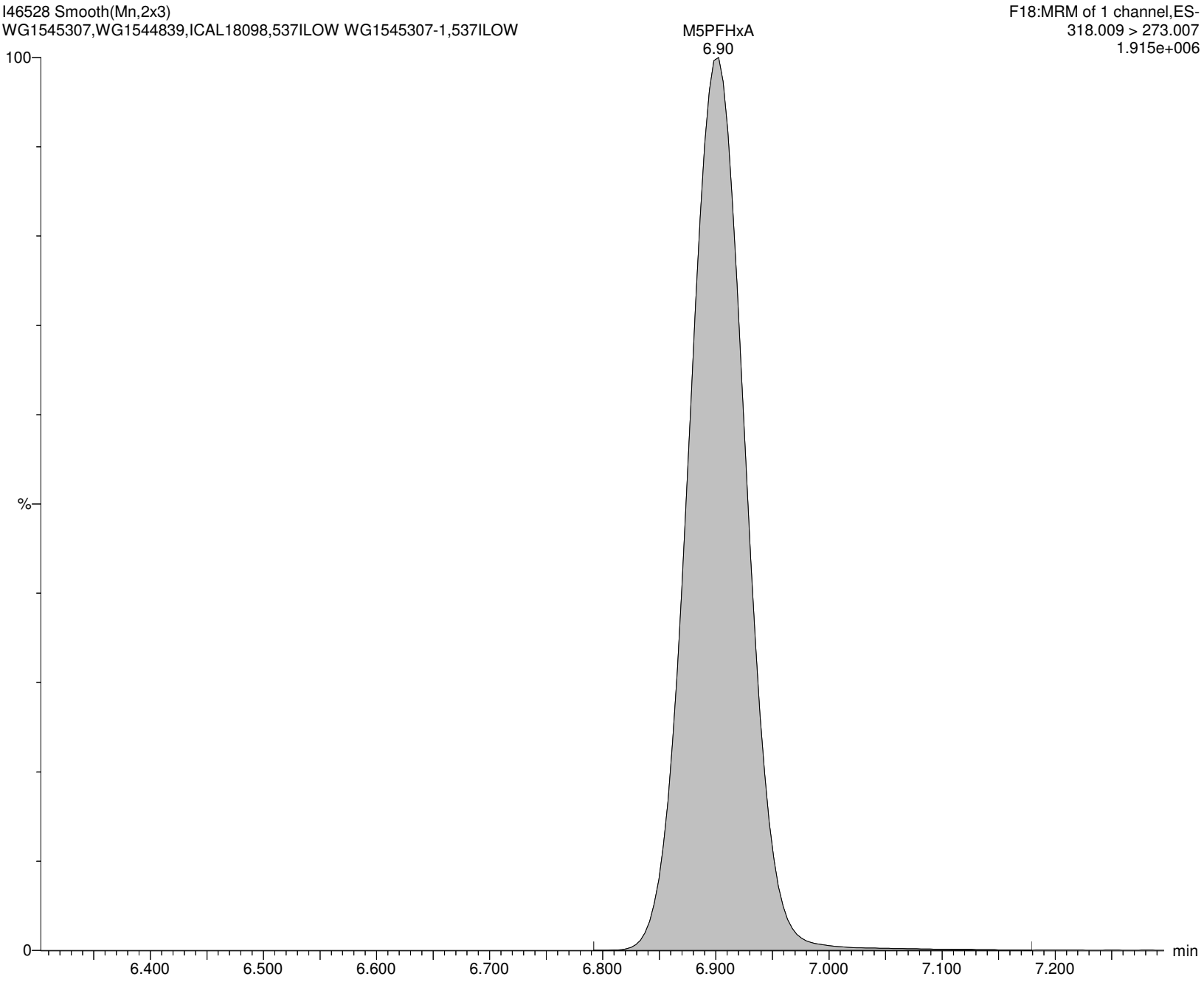


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFHxA

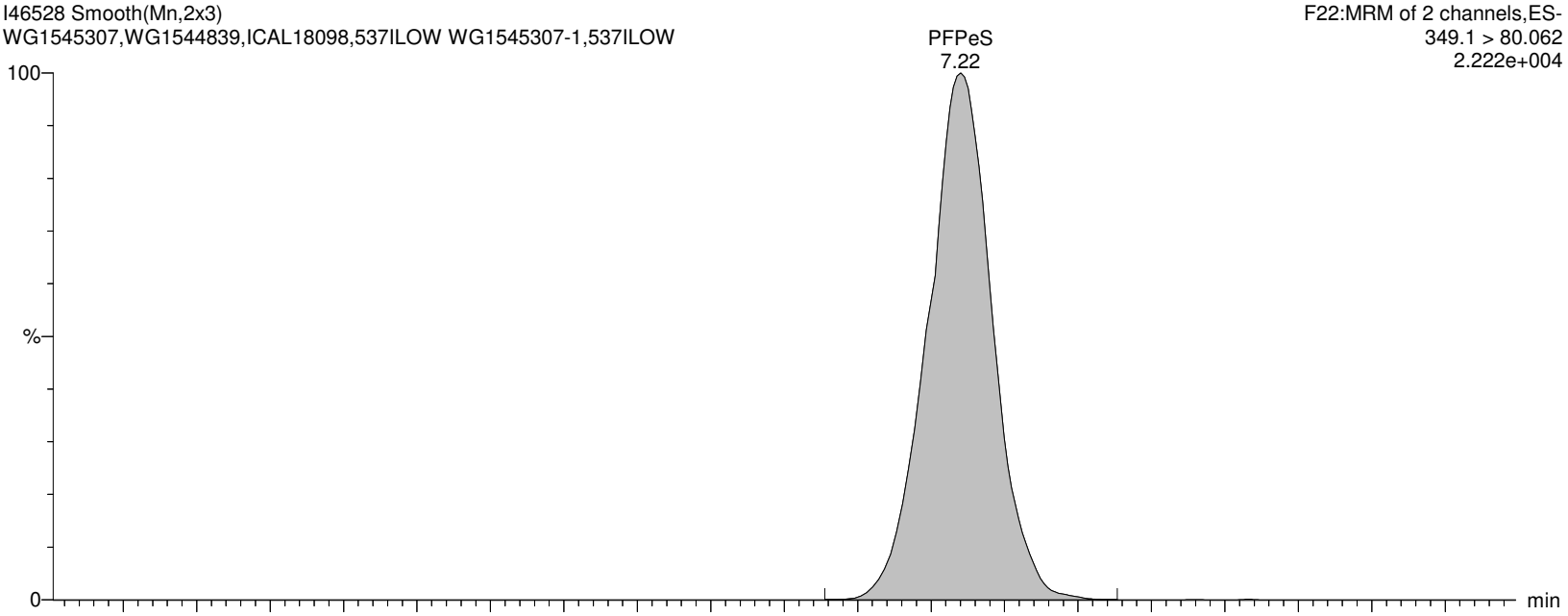


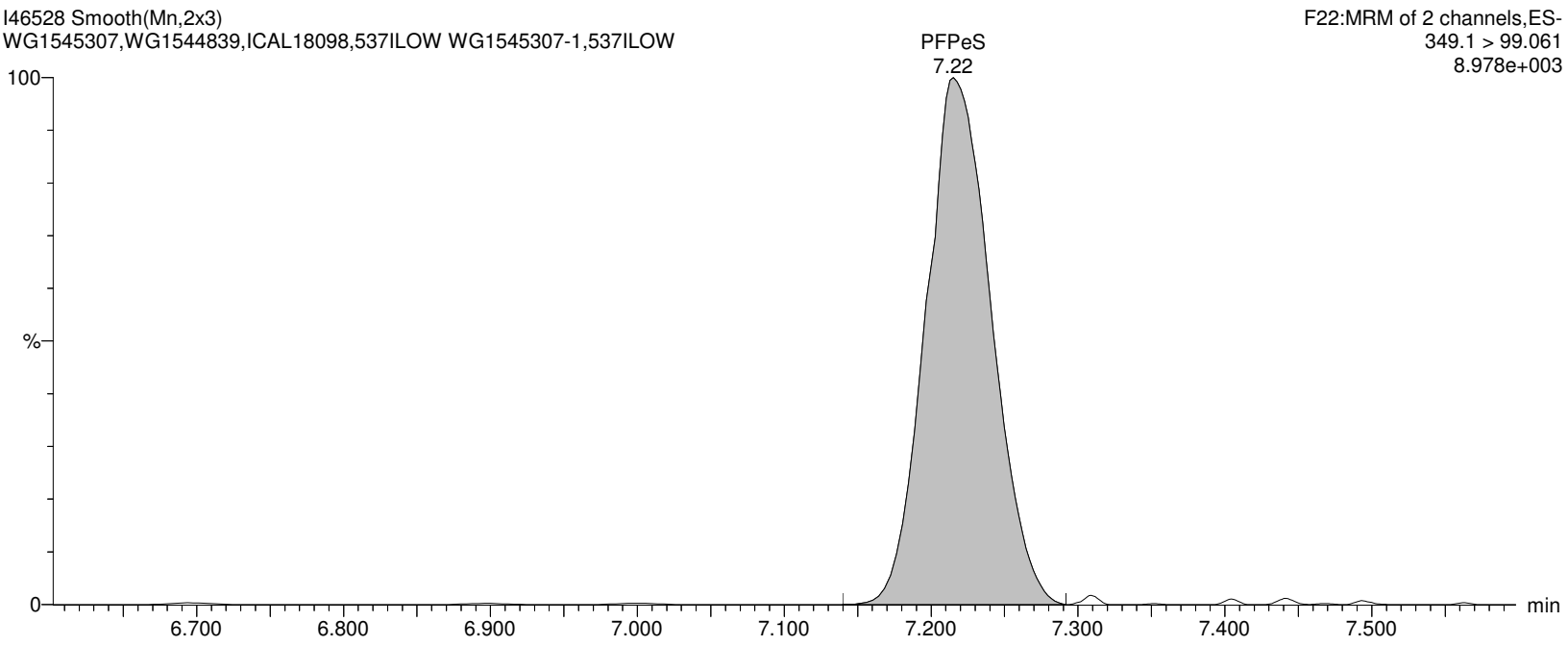
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeS



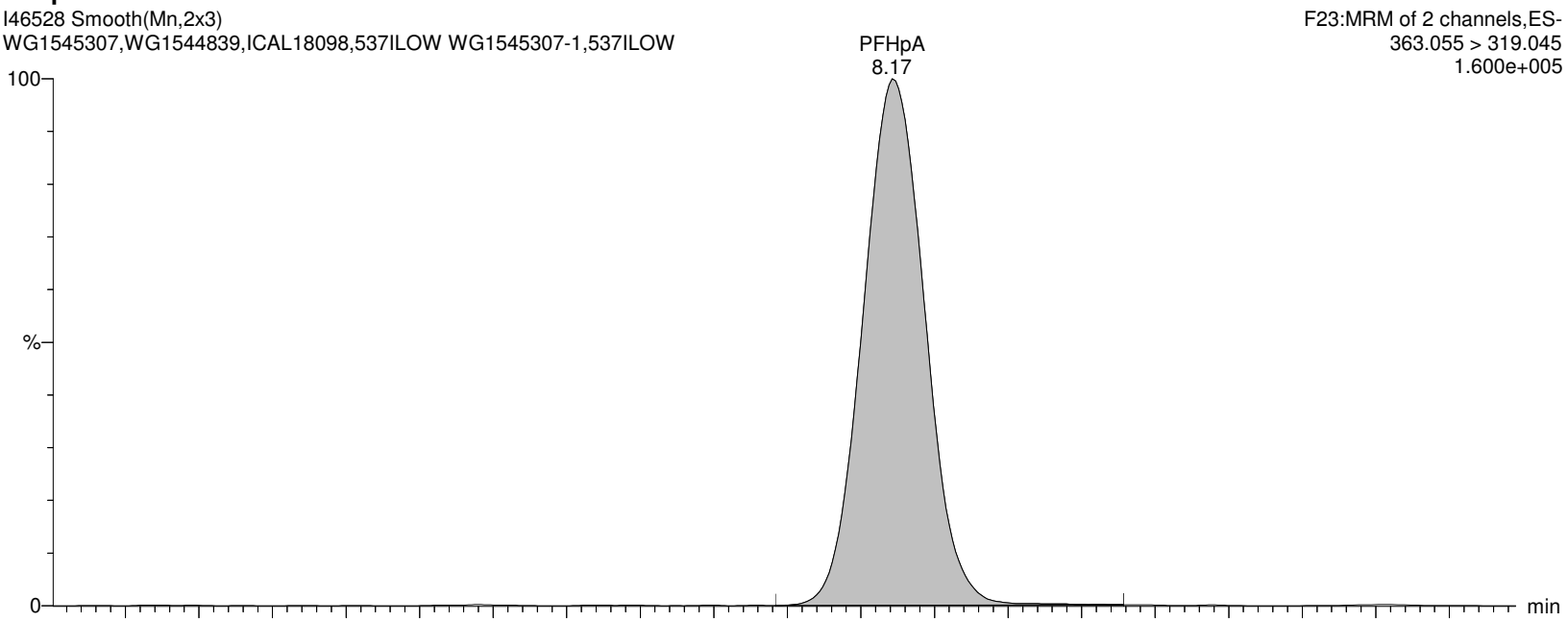


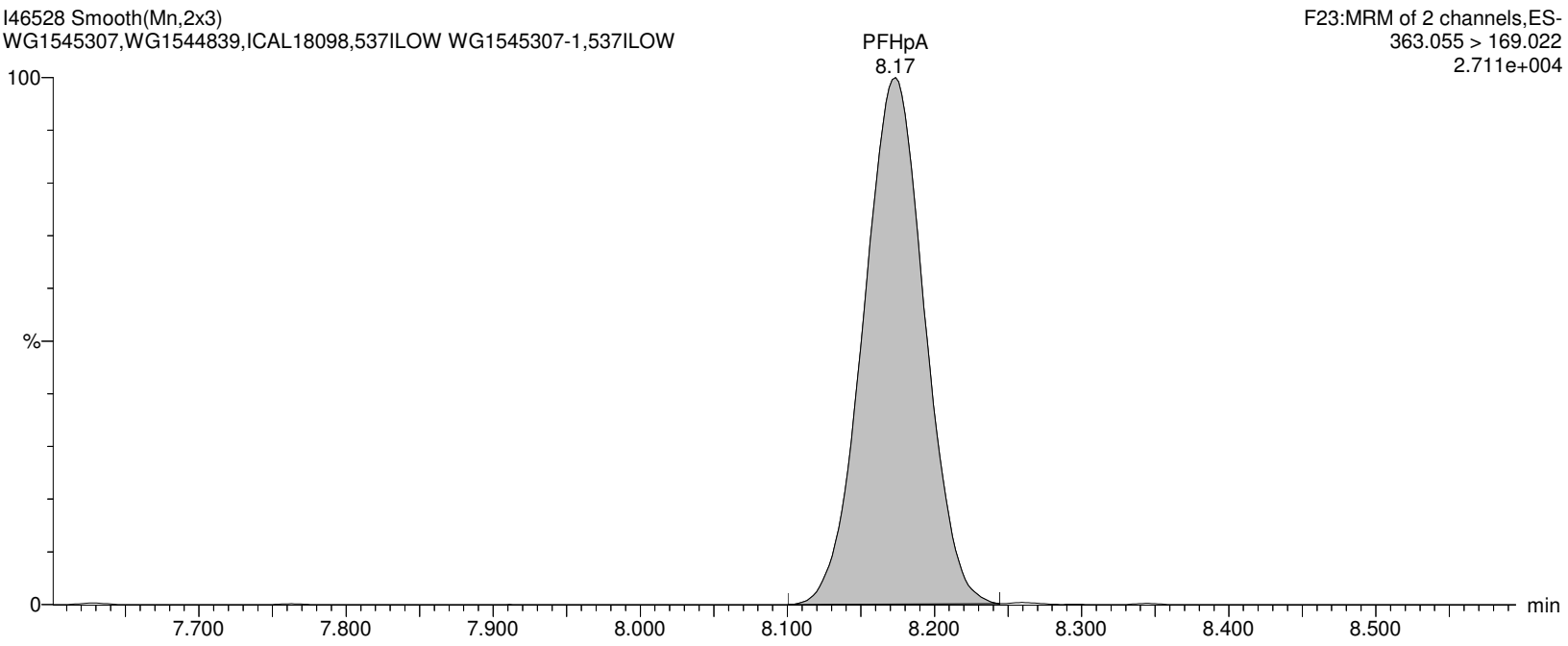
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpA



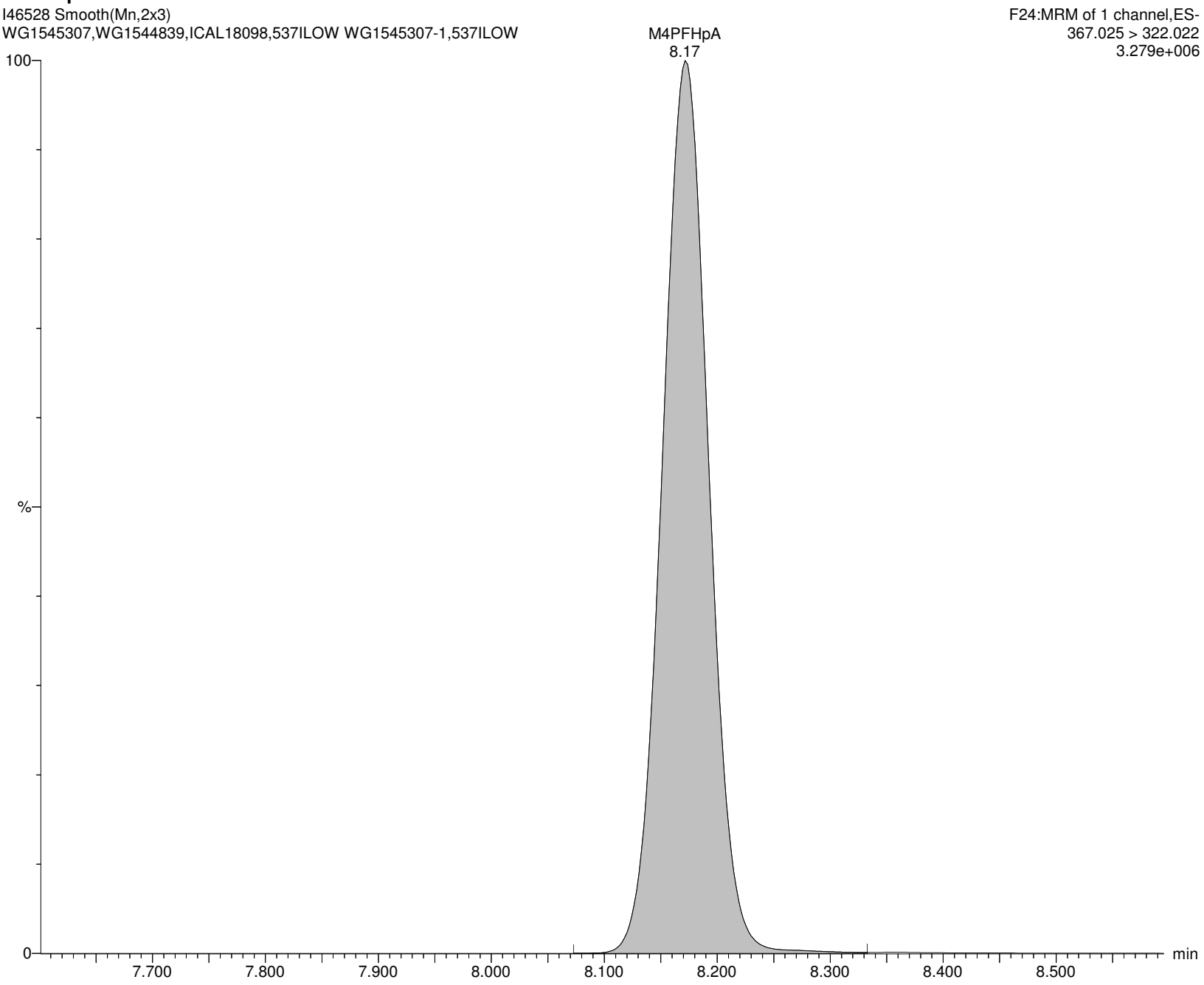


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFHpA

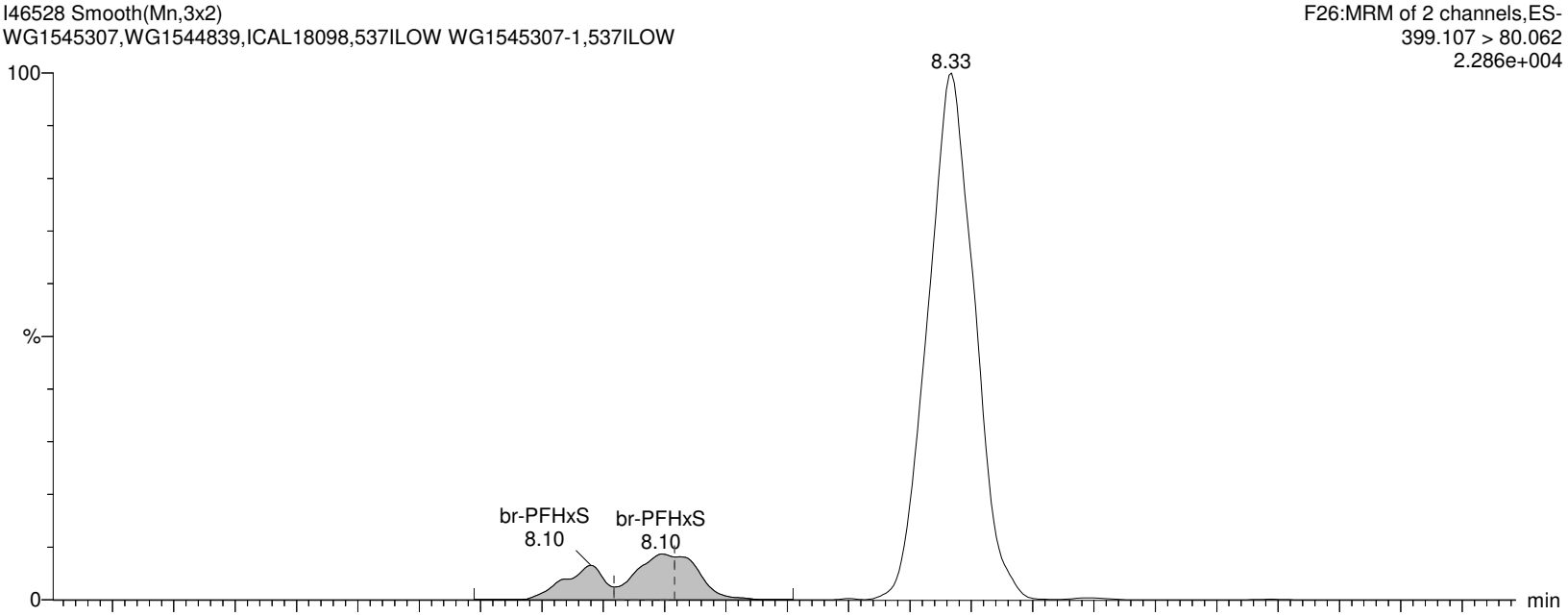


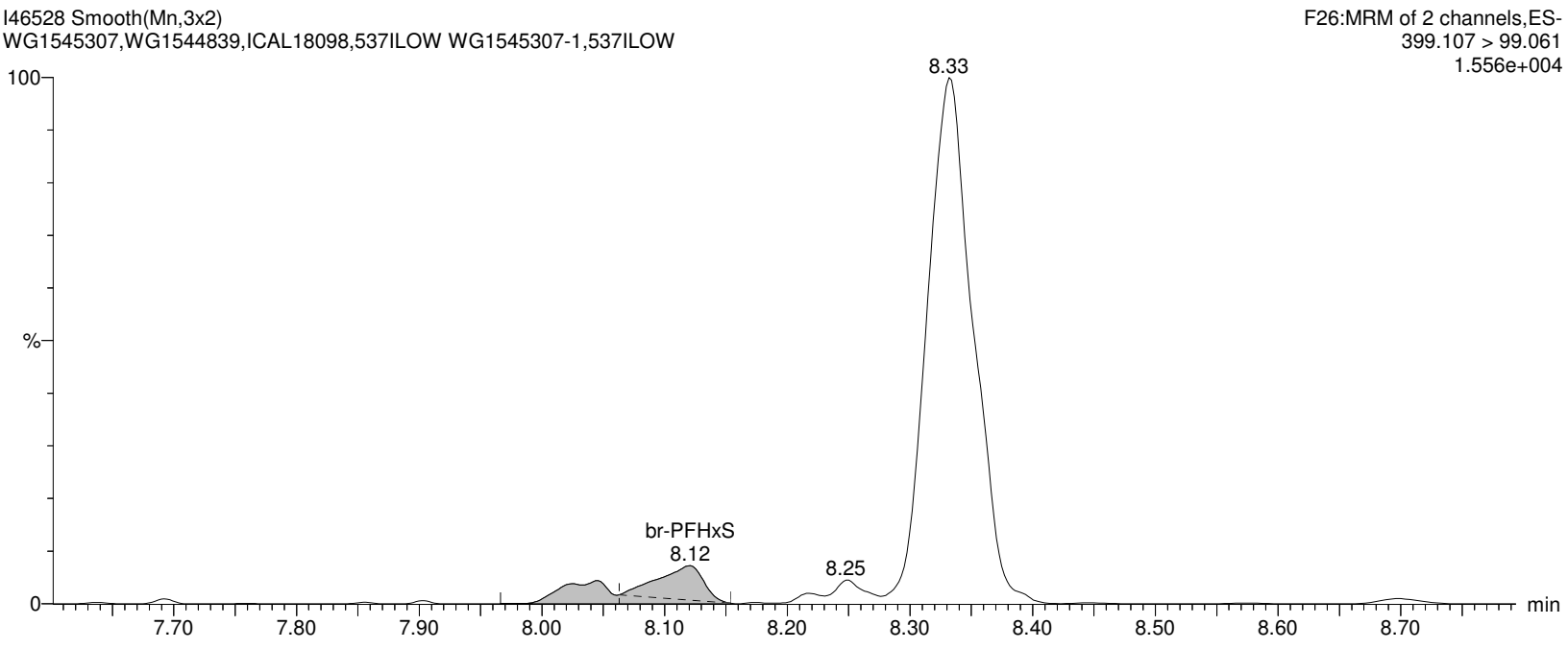
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFHxS



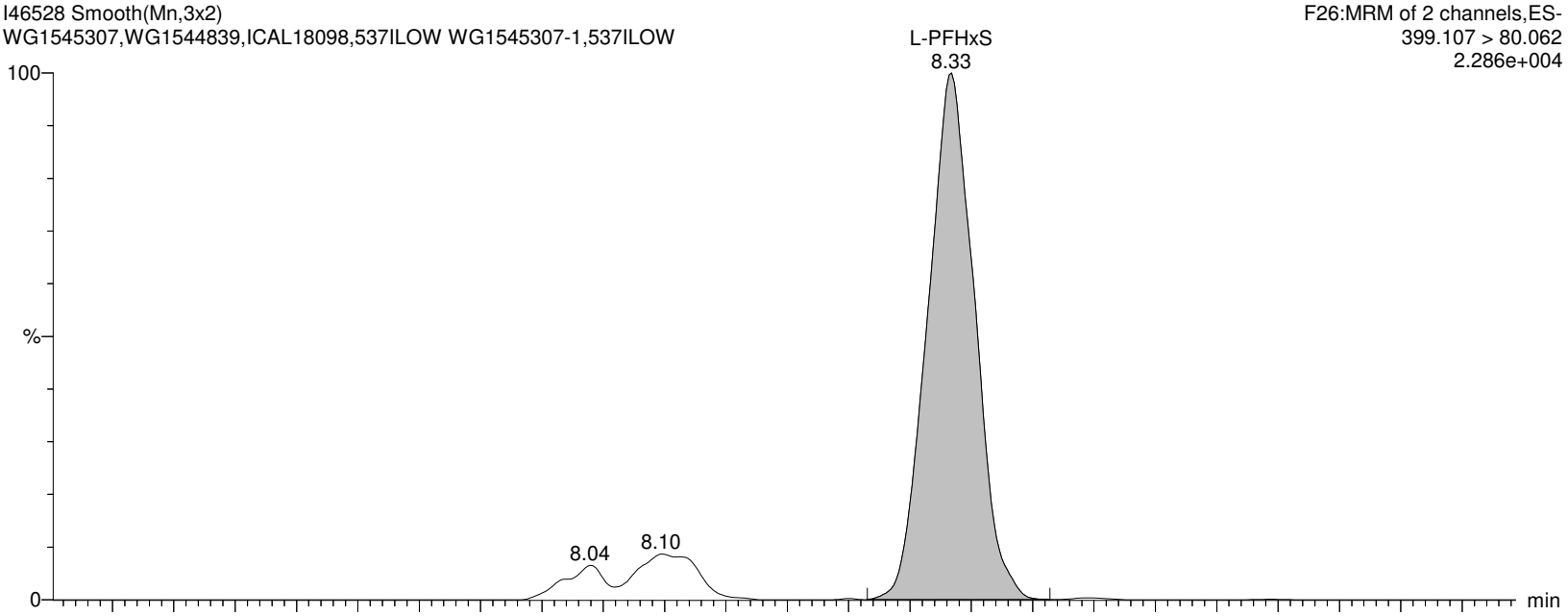


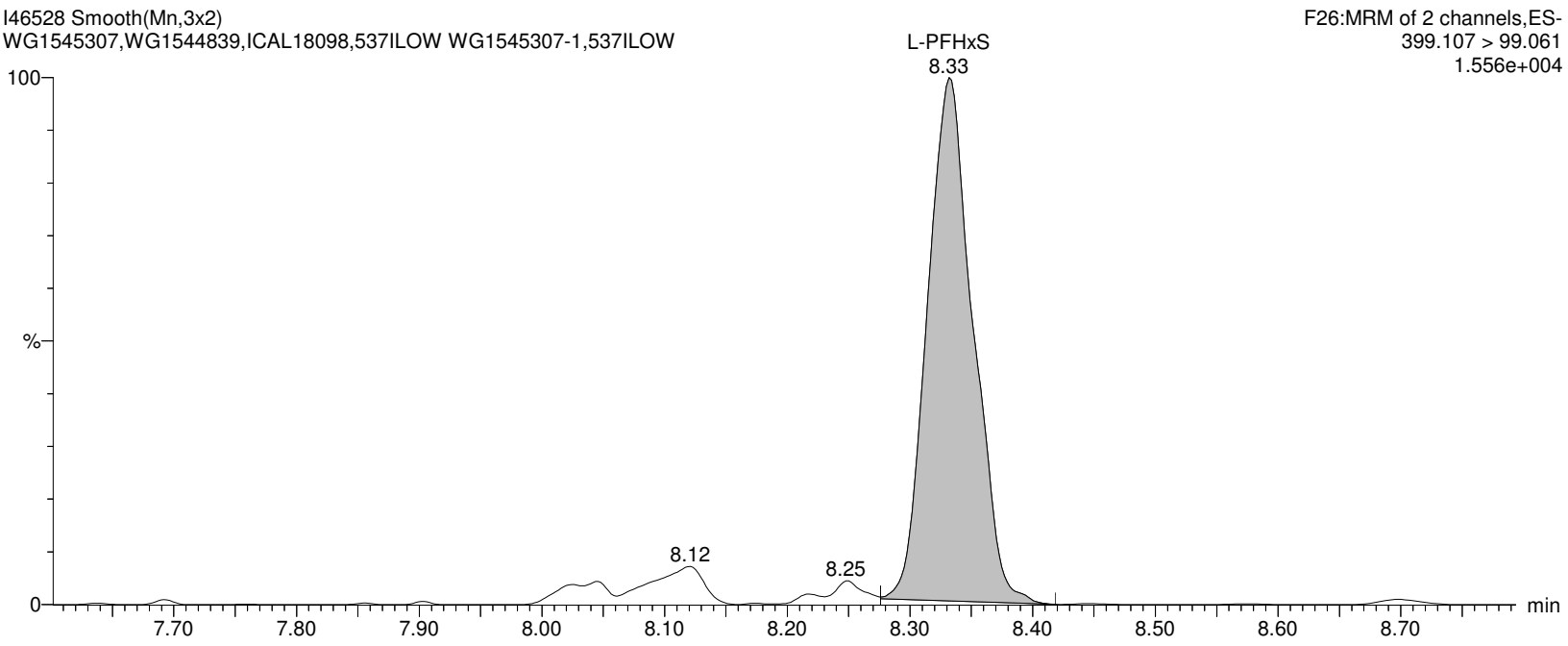
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFHxS



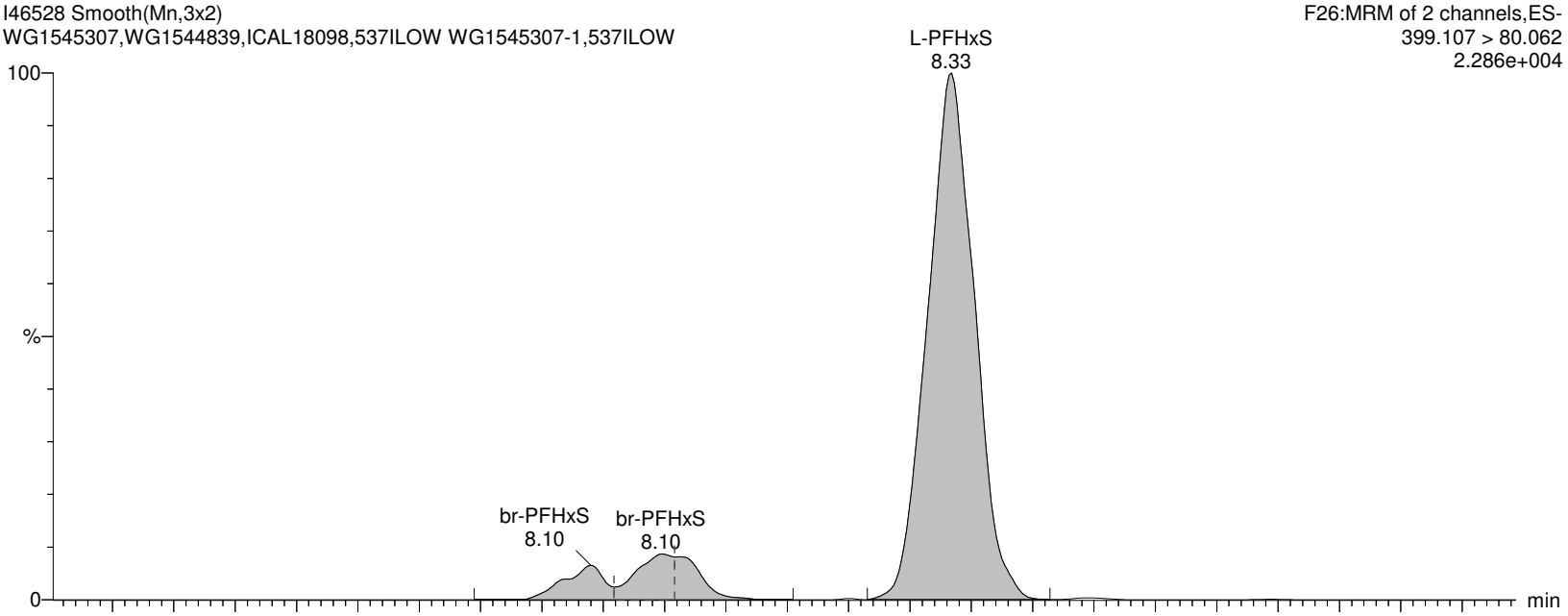


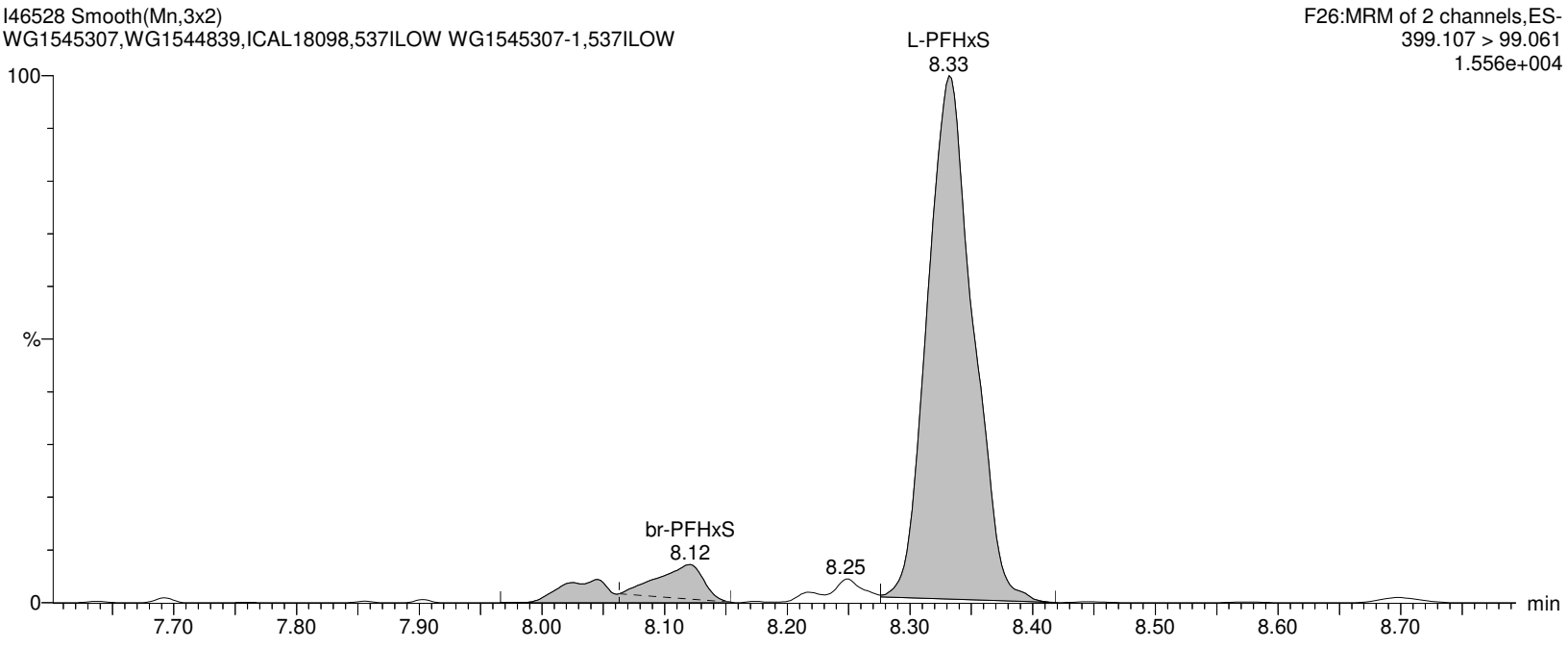
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxS



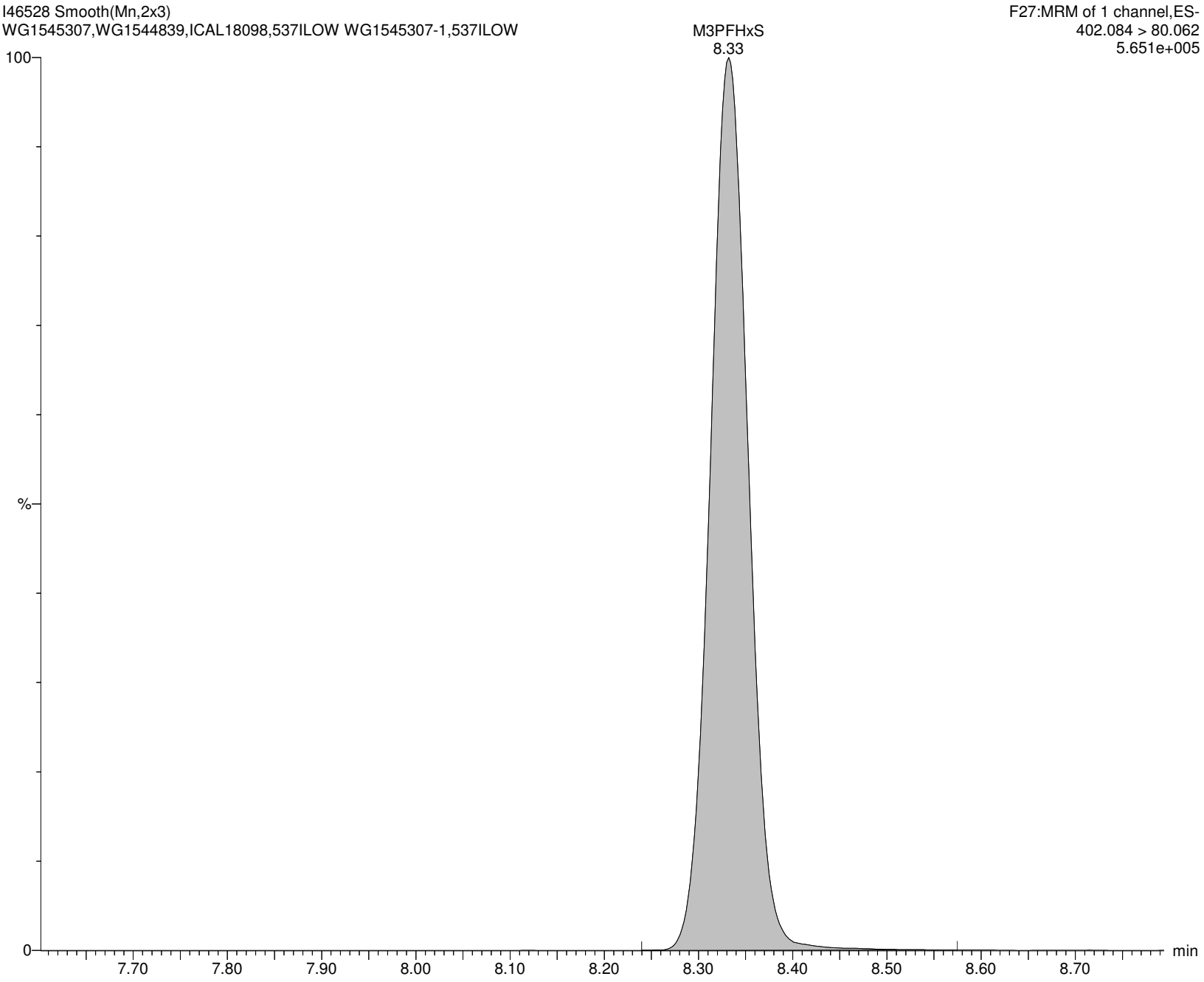


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFHxS

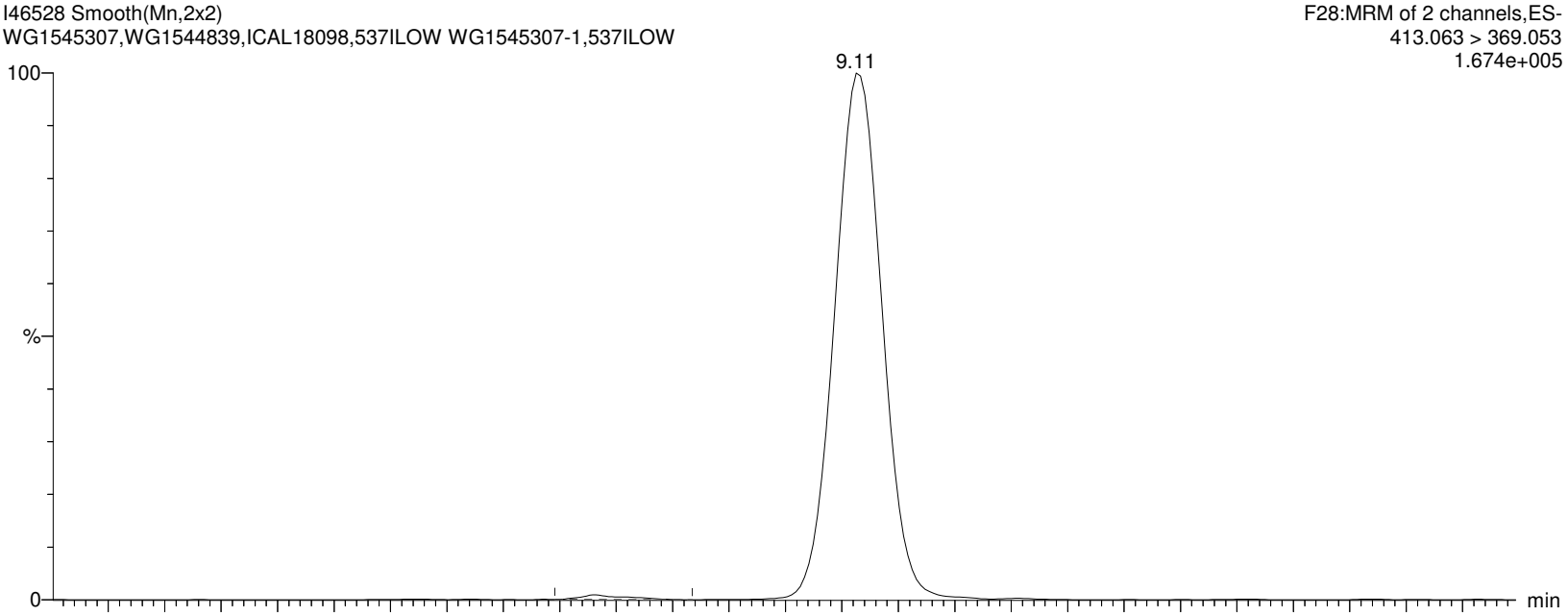


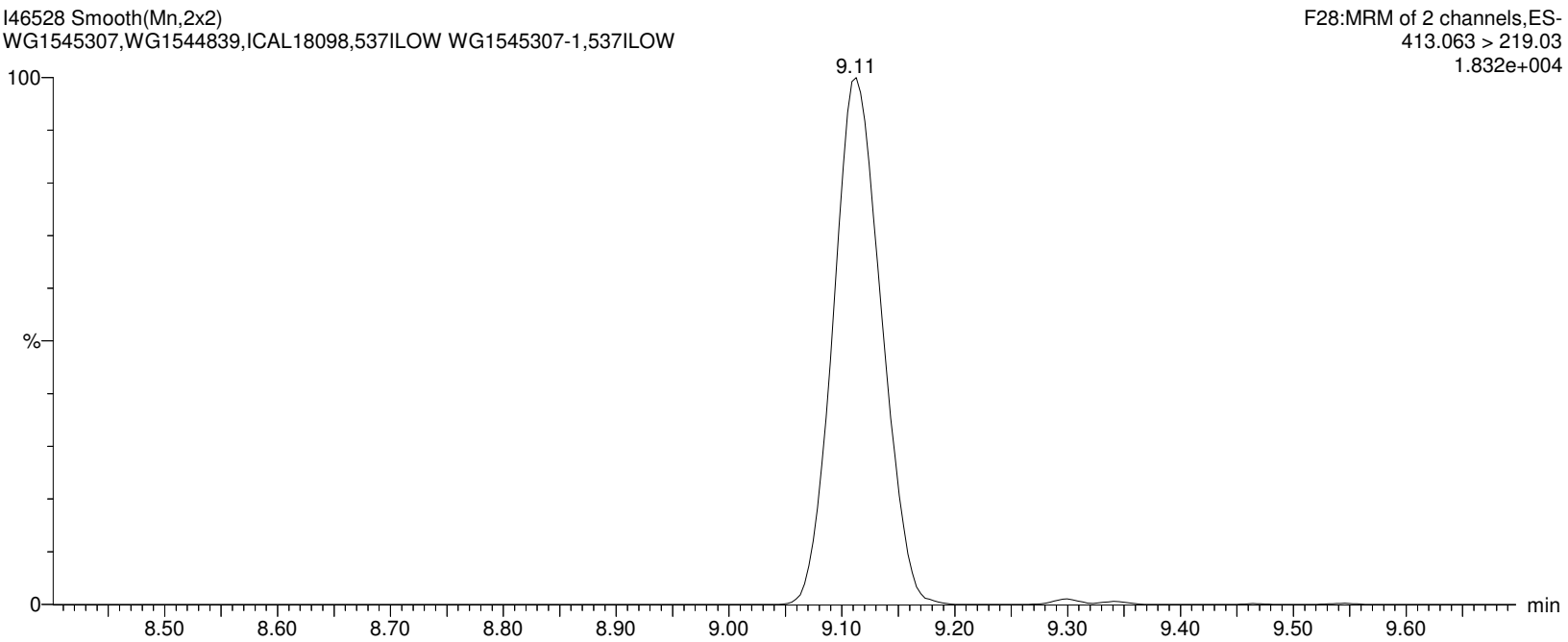
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOA



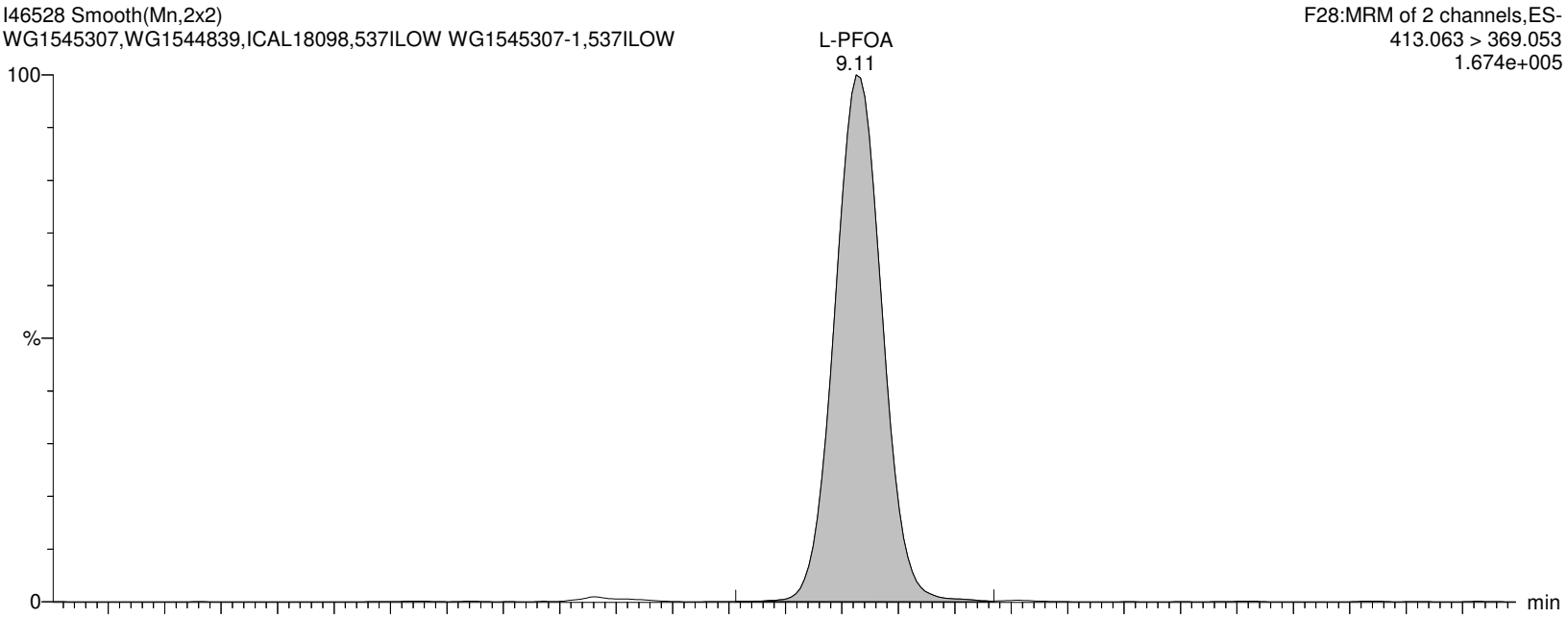


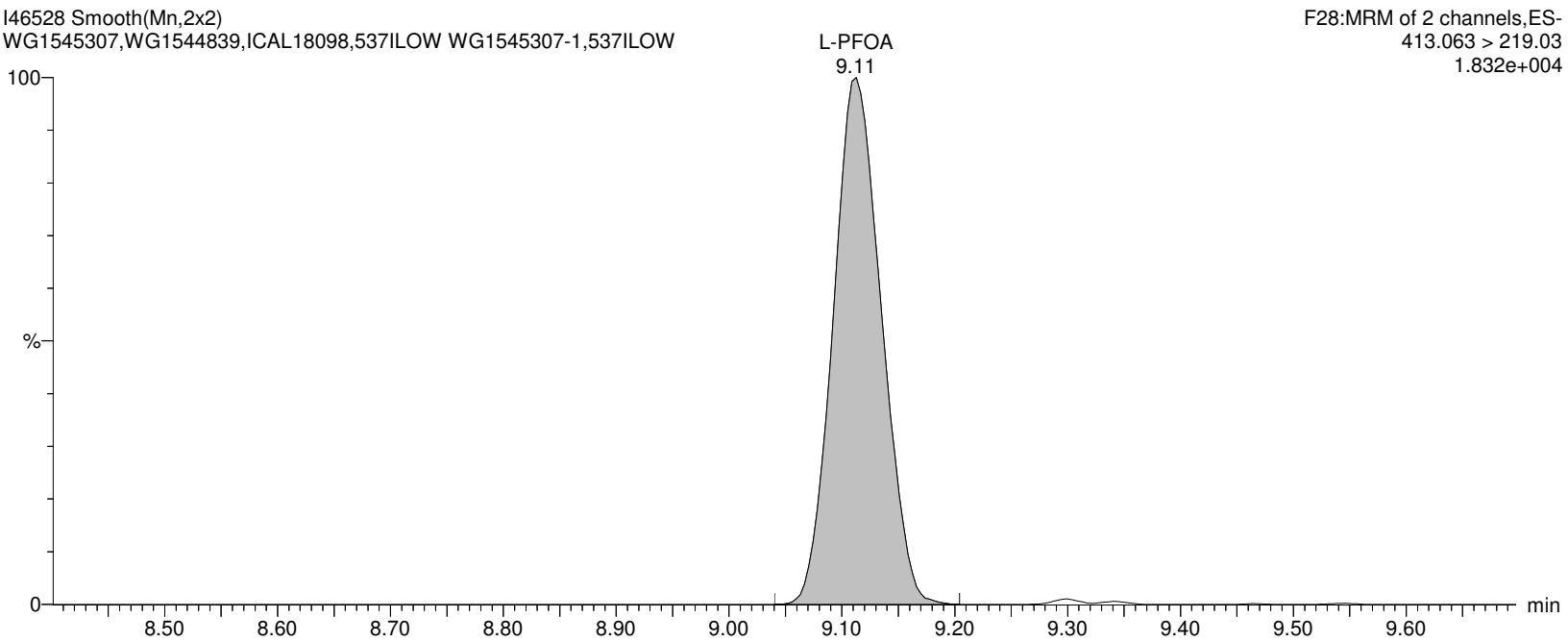
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOA



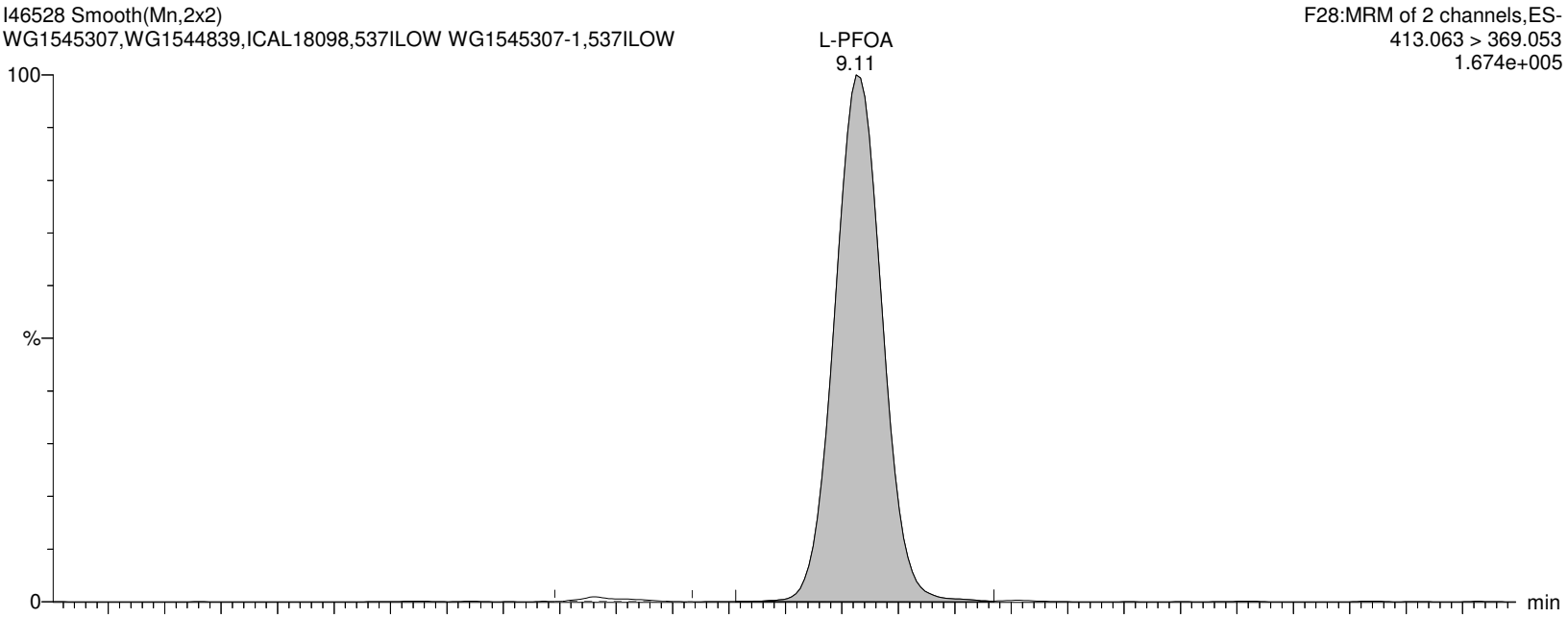


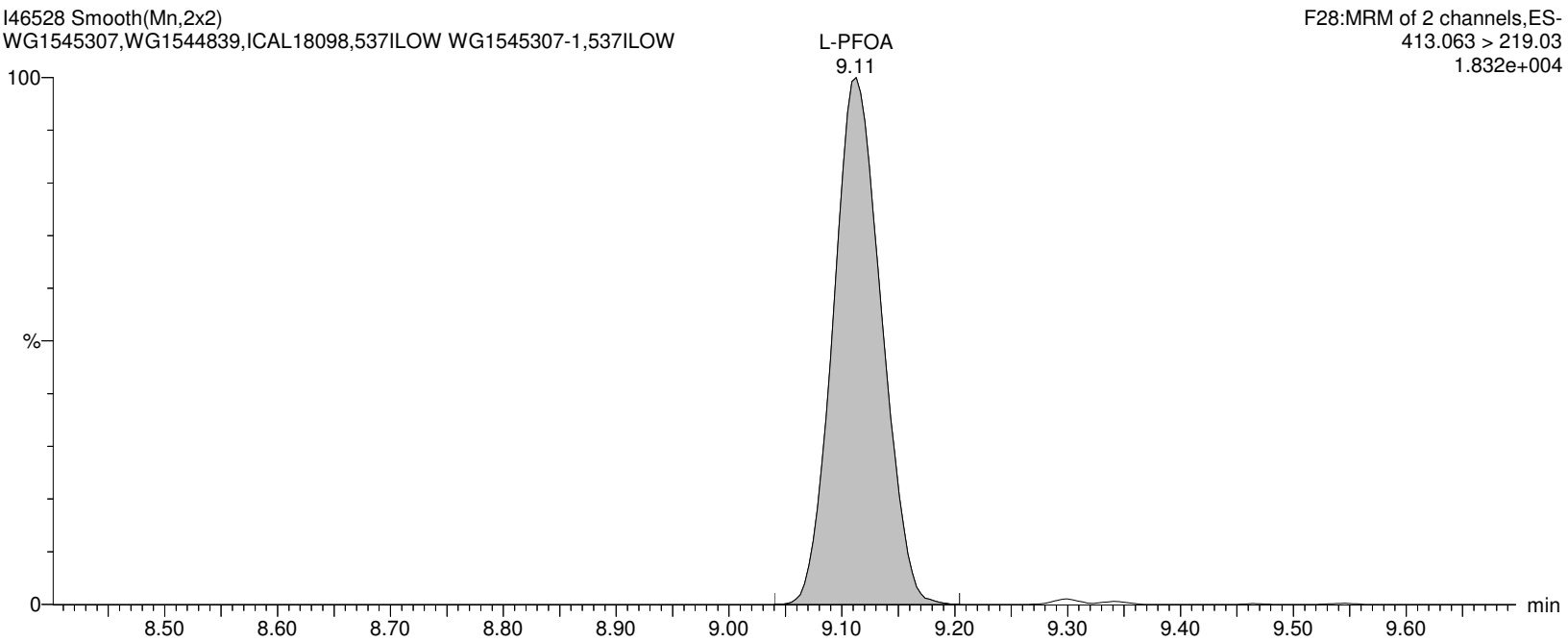
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOA



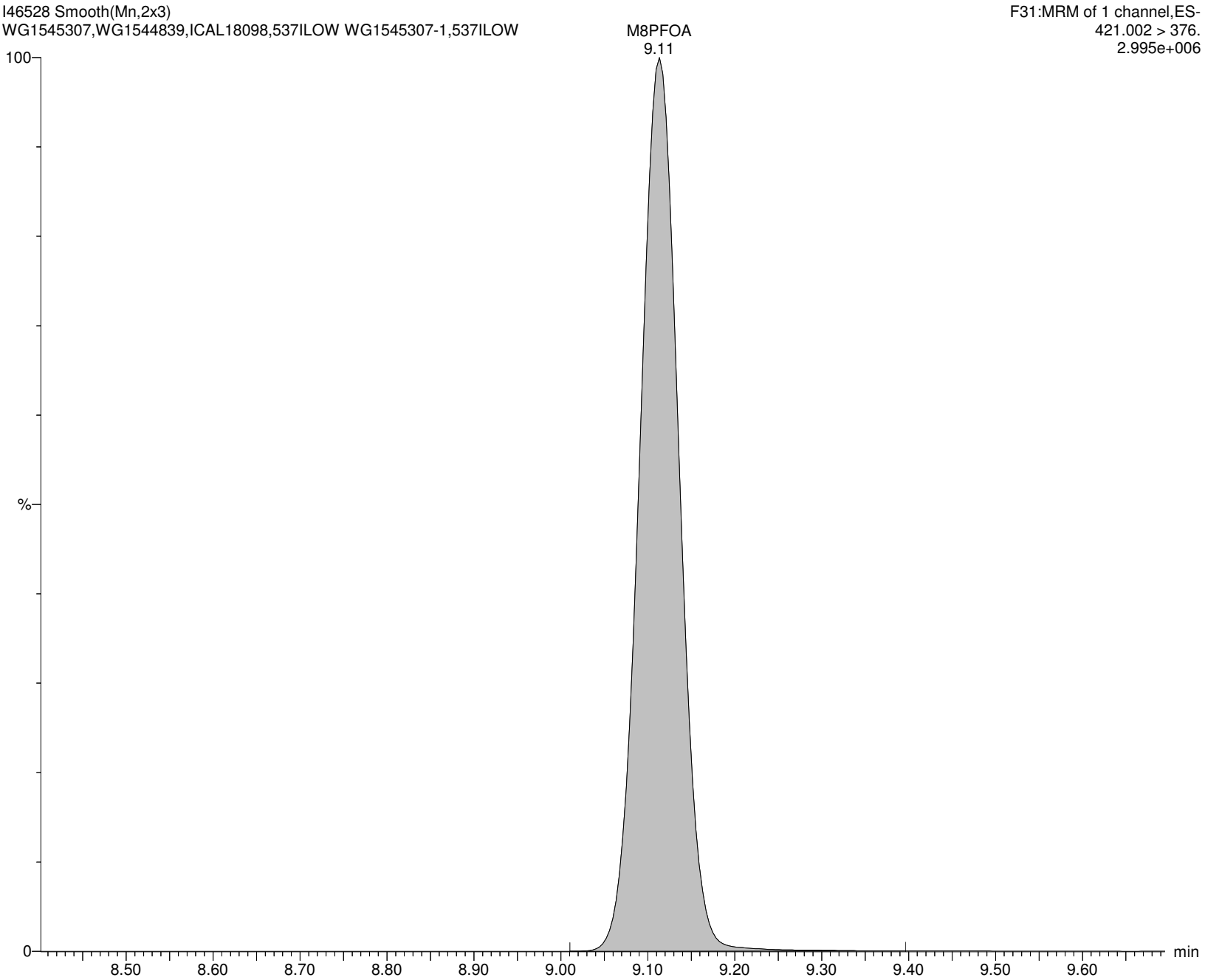


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOA

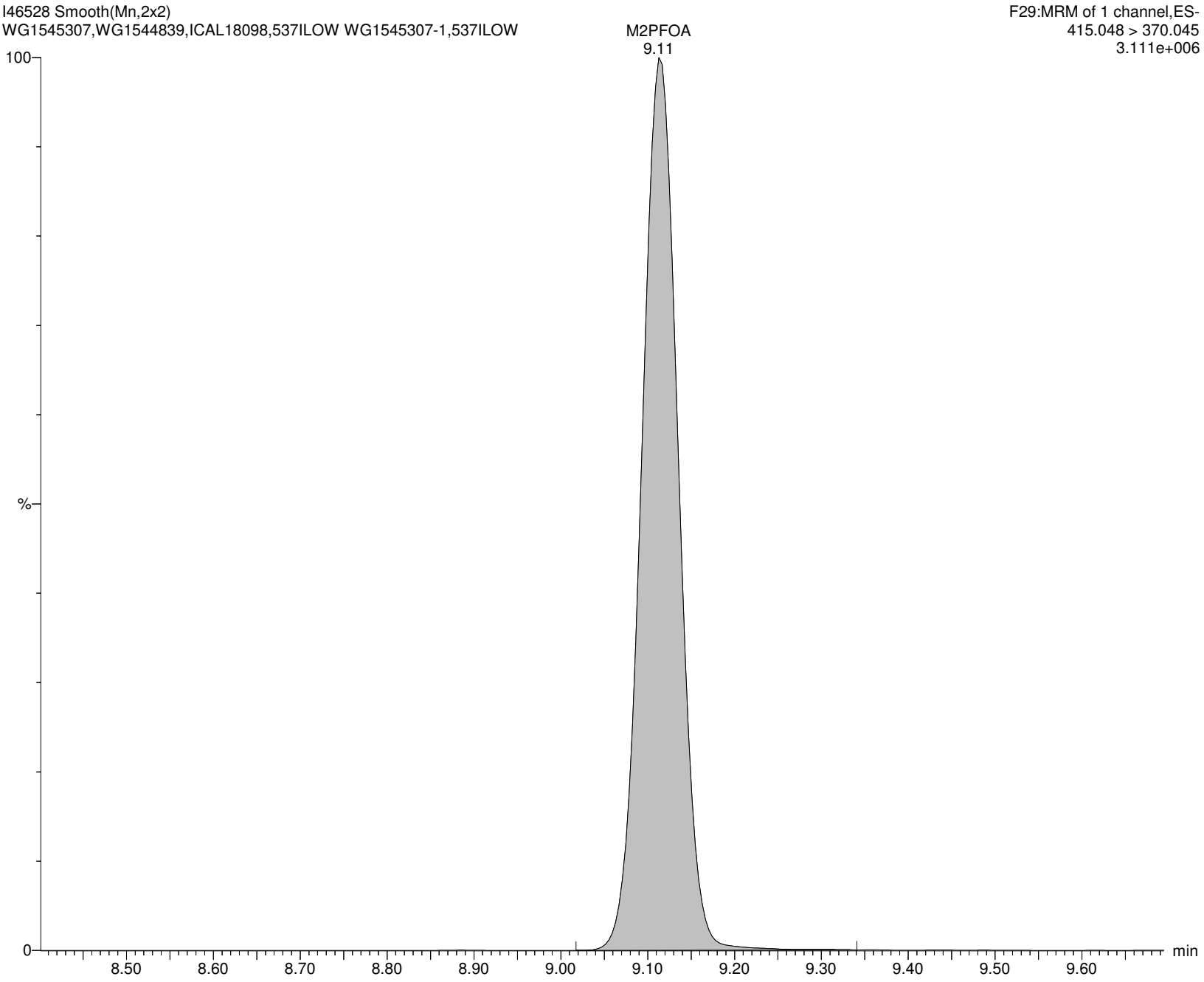


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFOA

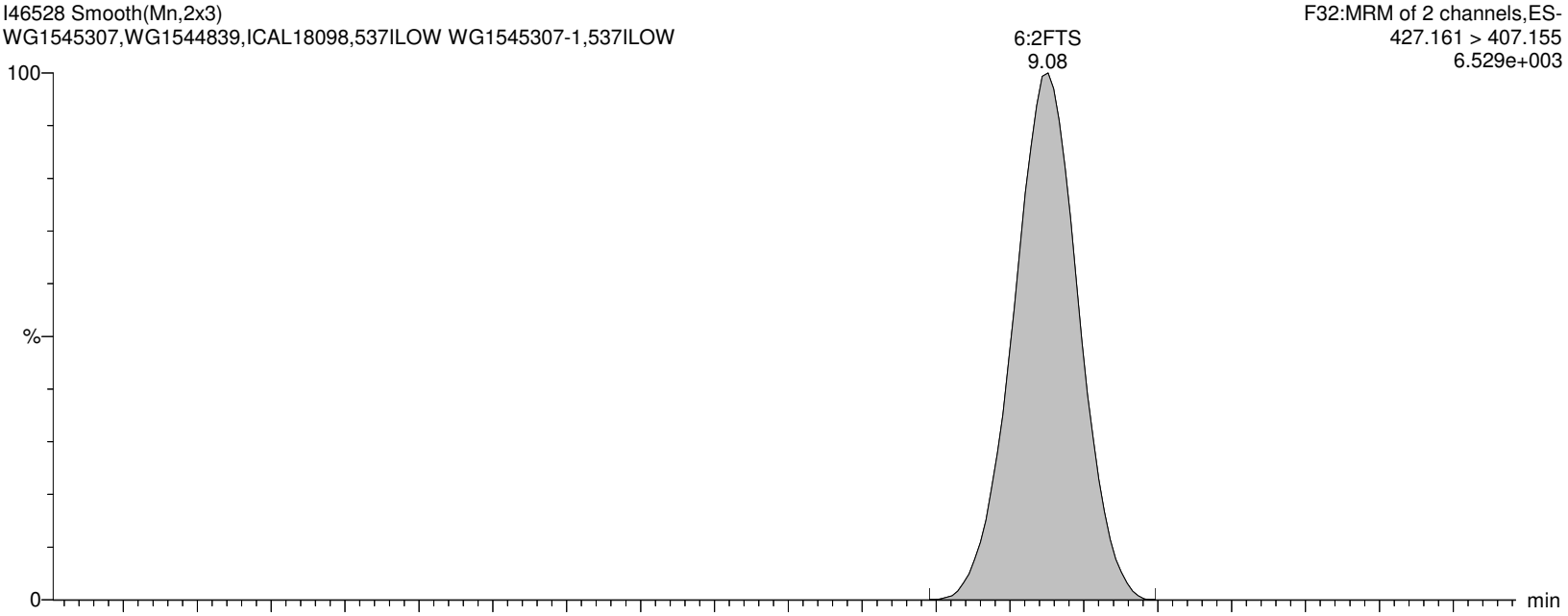


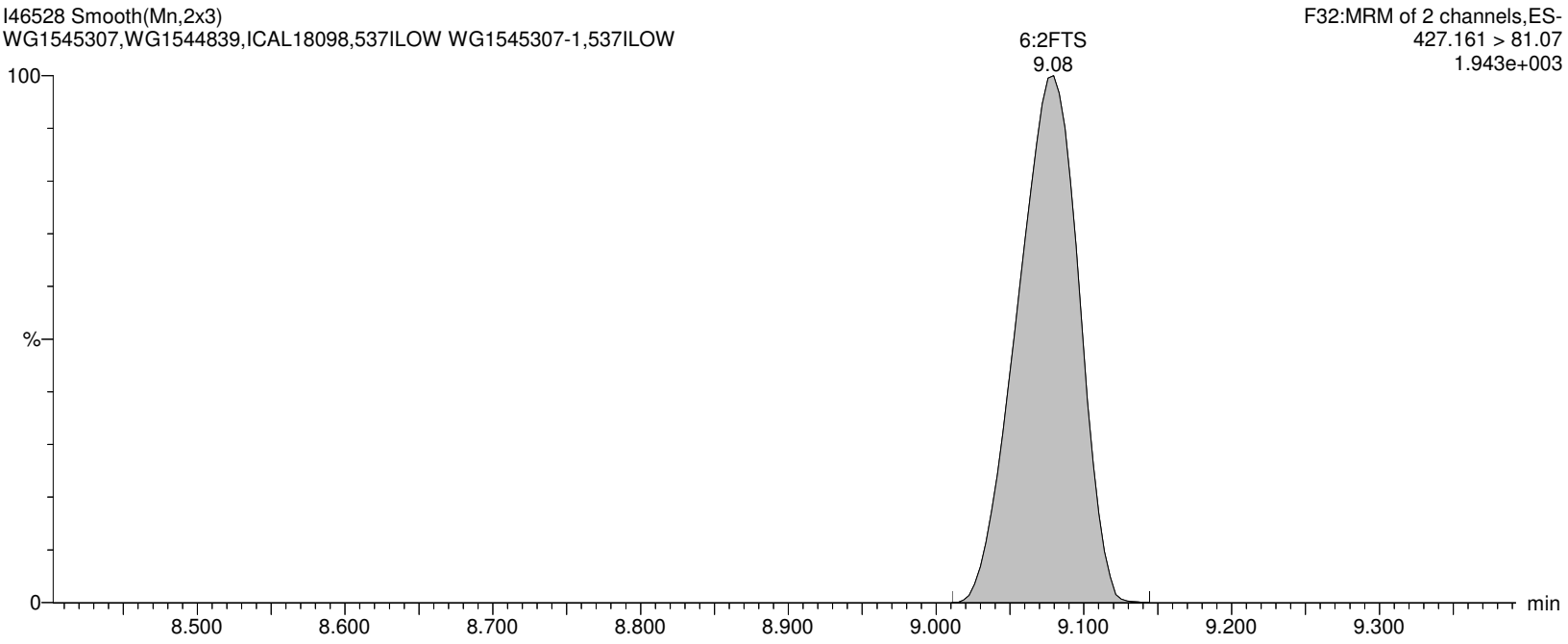
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

6:2FTS



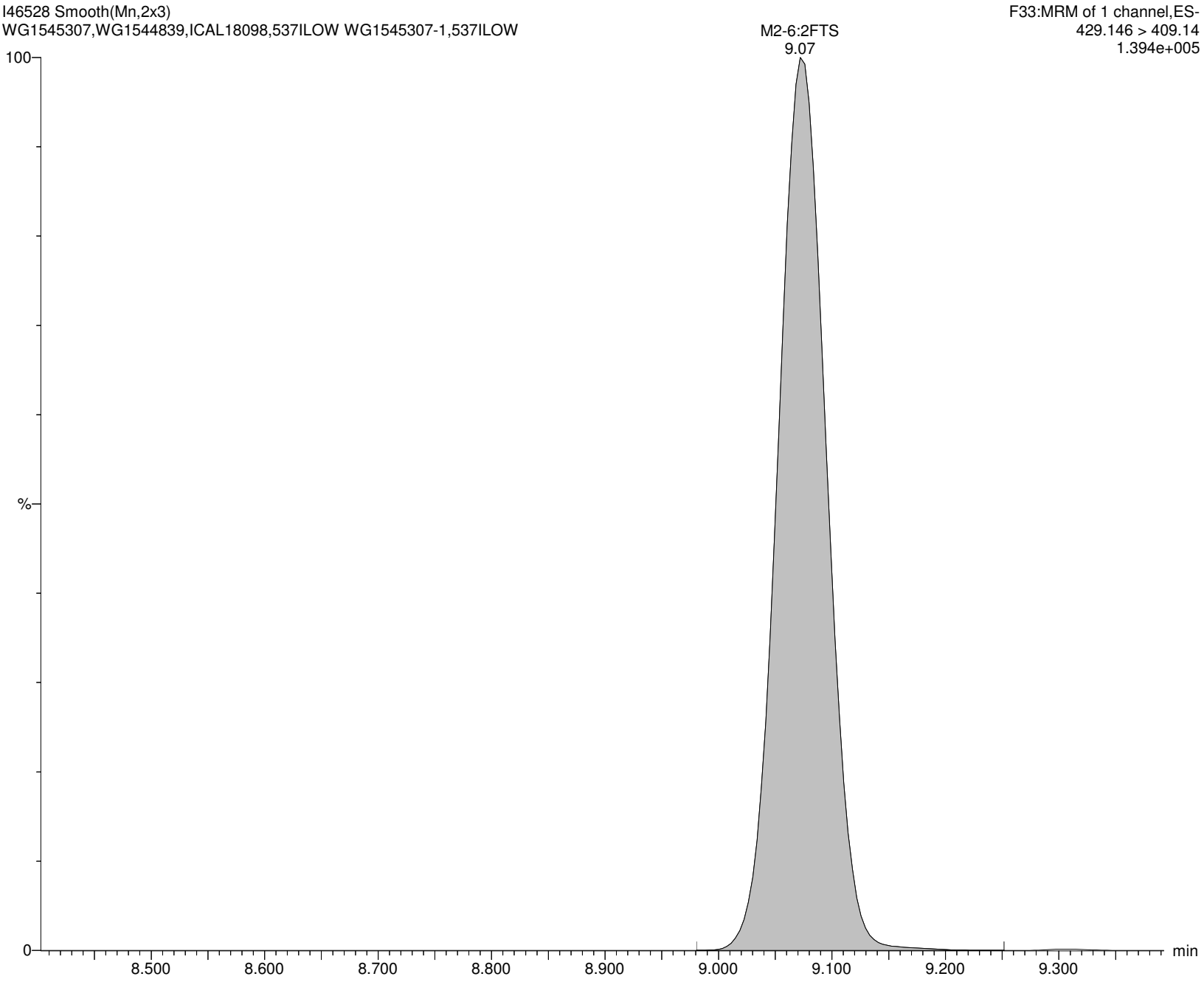


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-6:2FTS

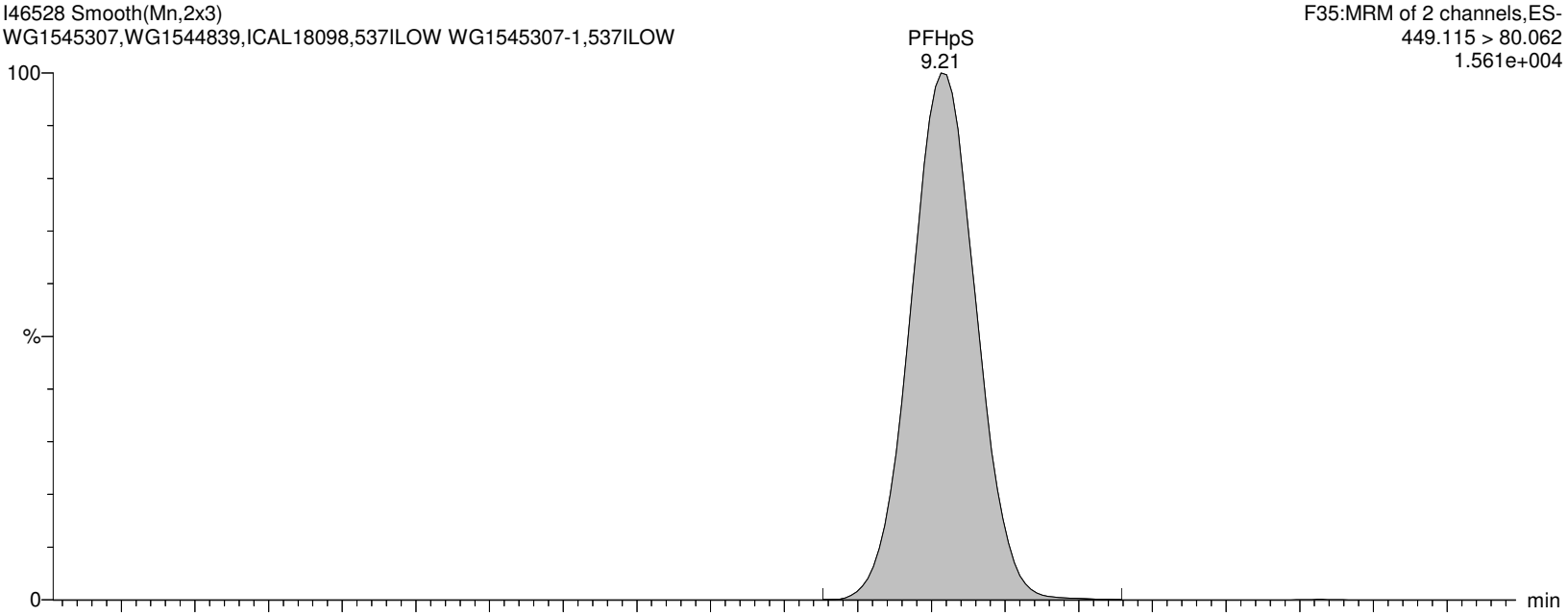


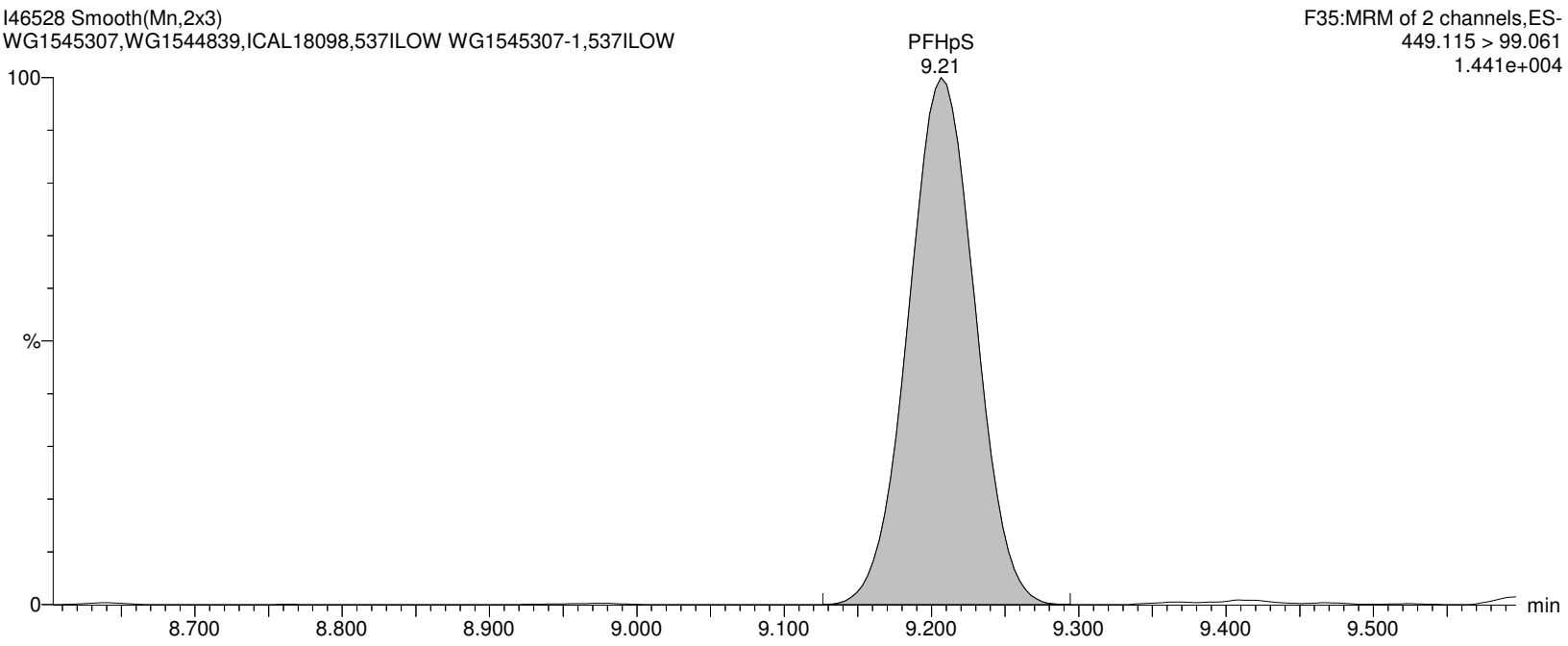
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpS



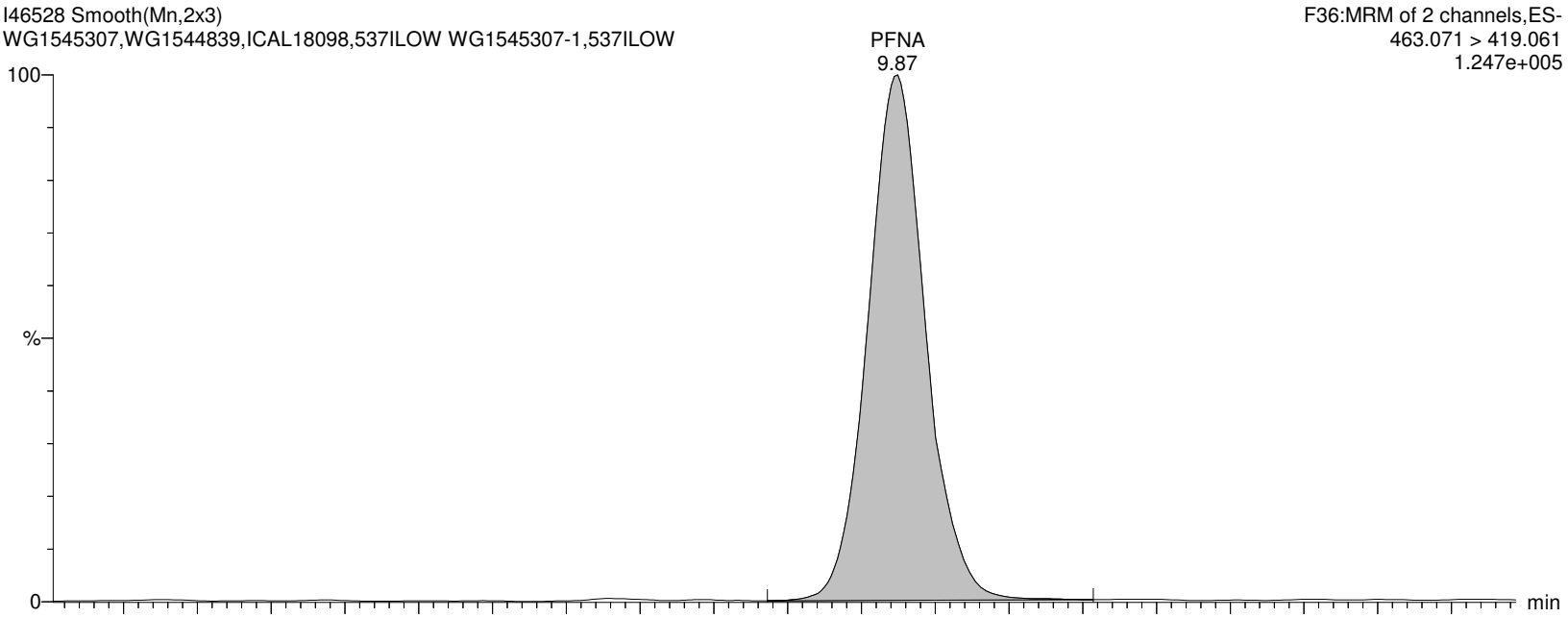


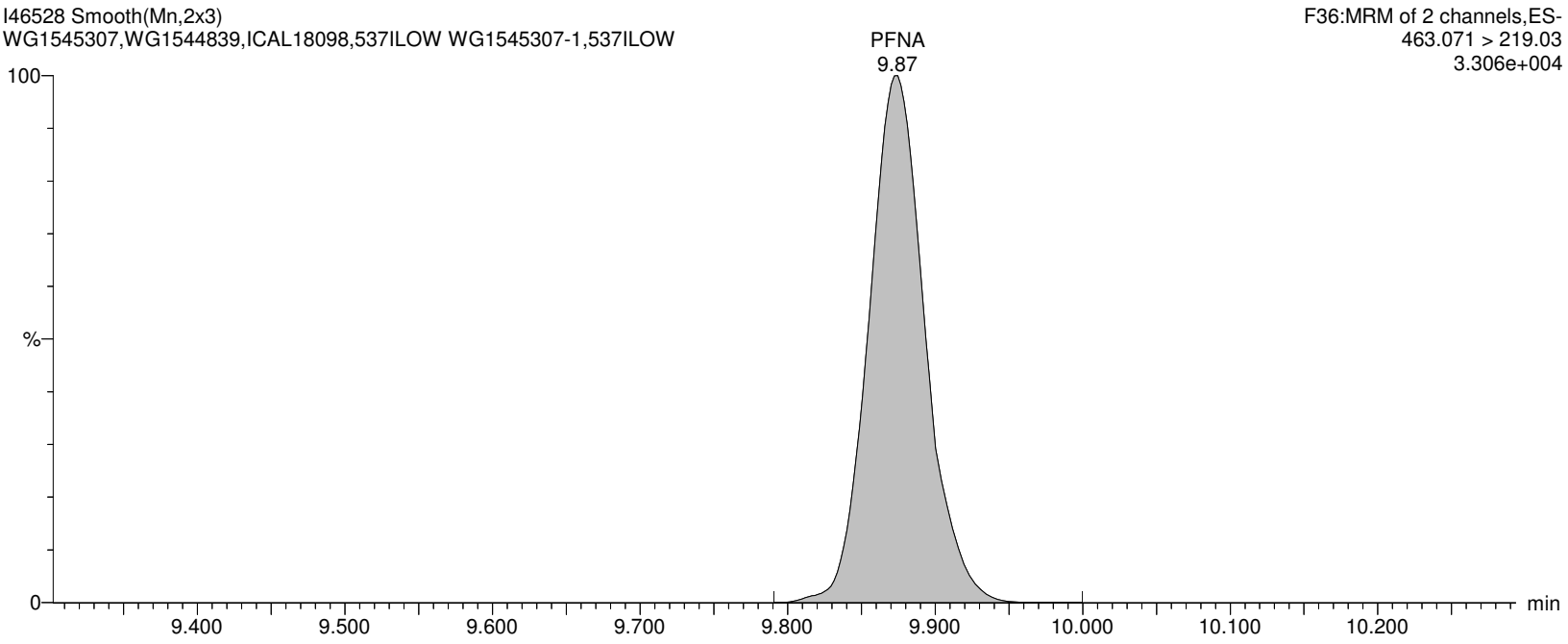
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNA



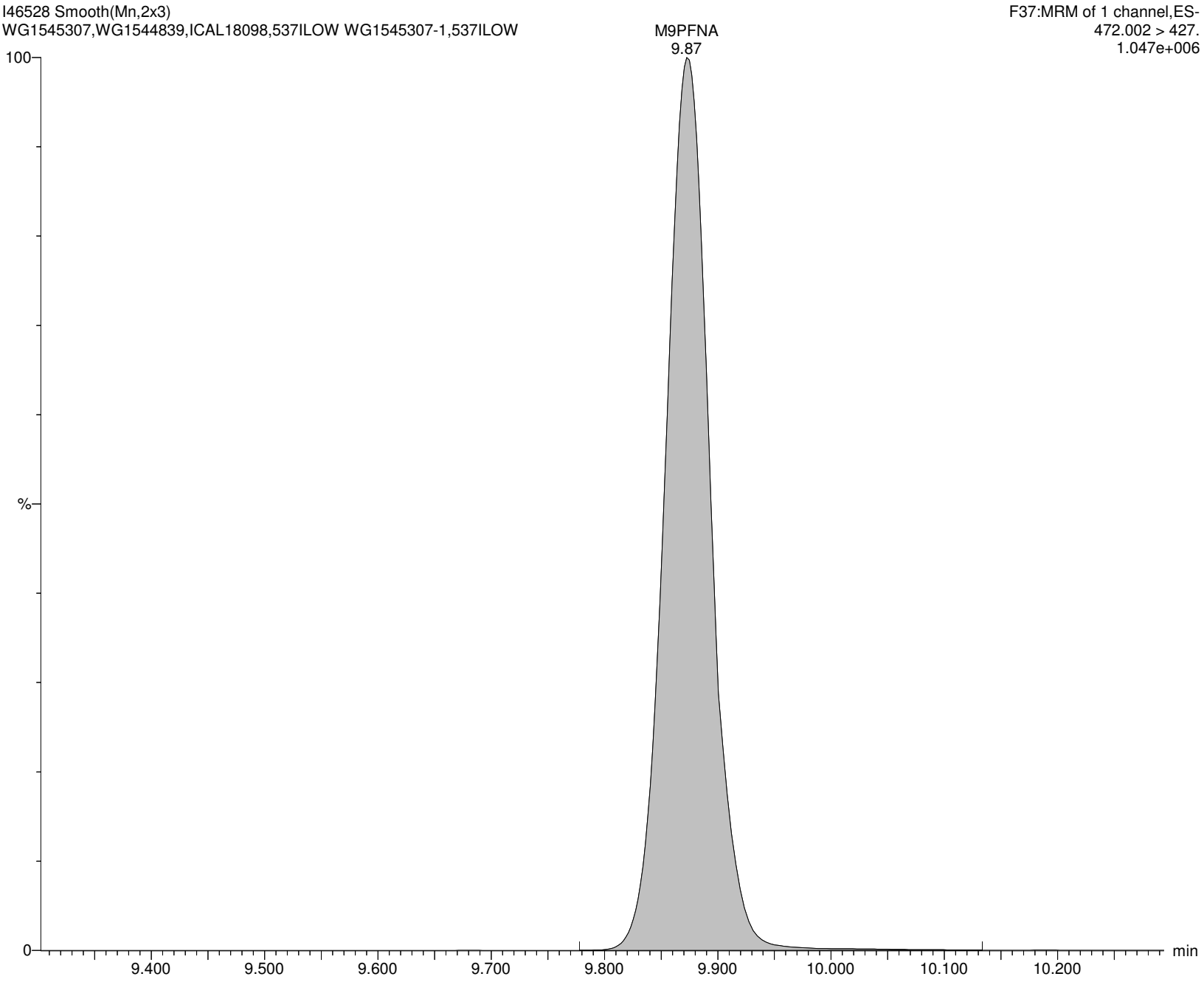


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M9PFNA

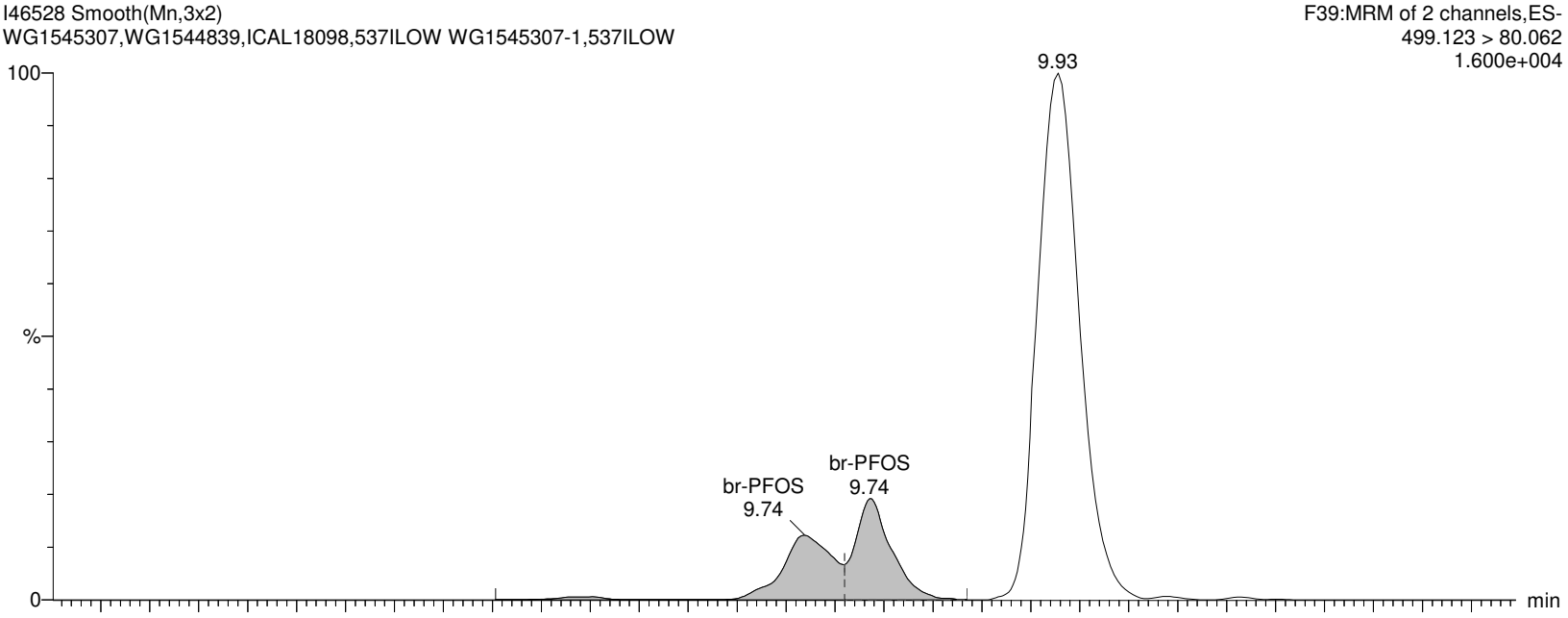


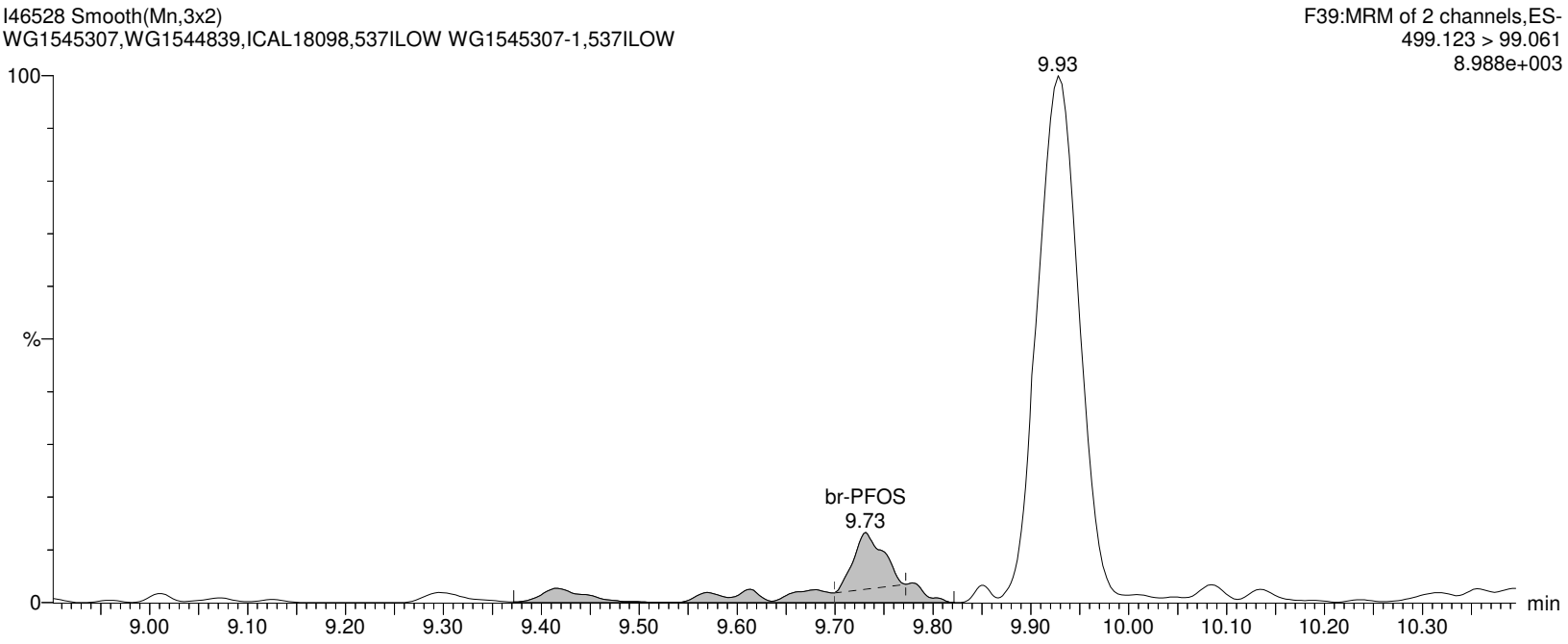
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOS



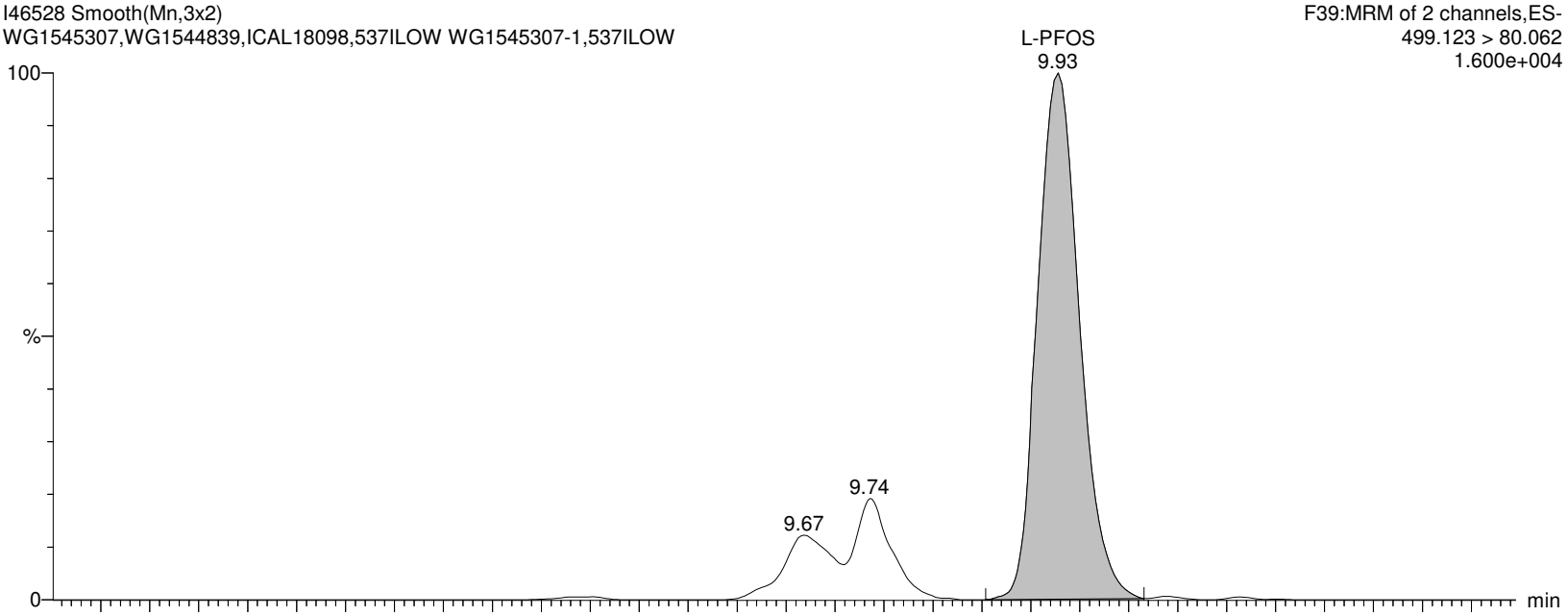


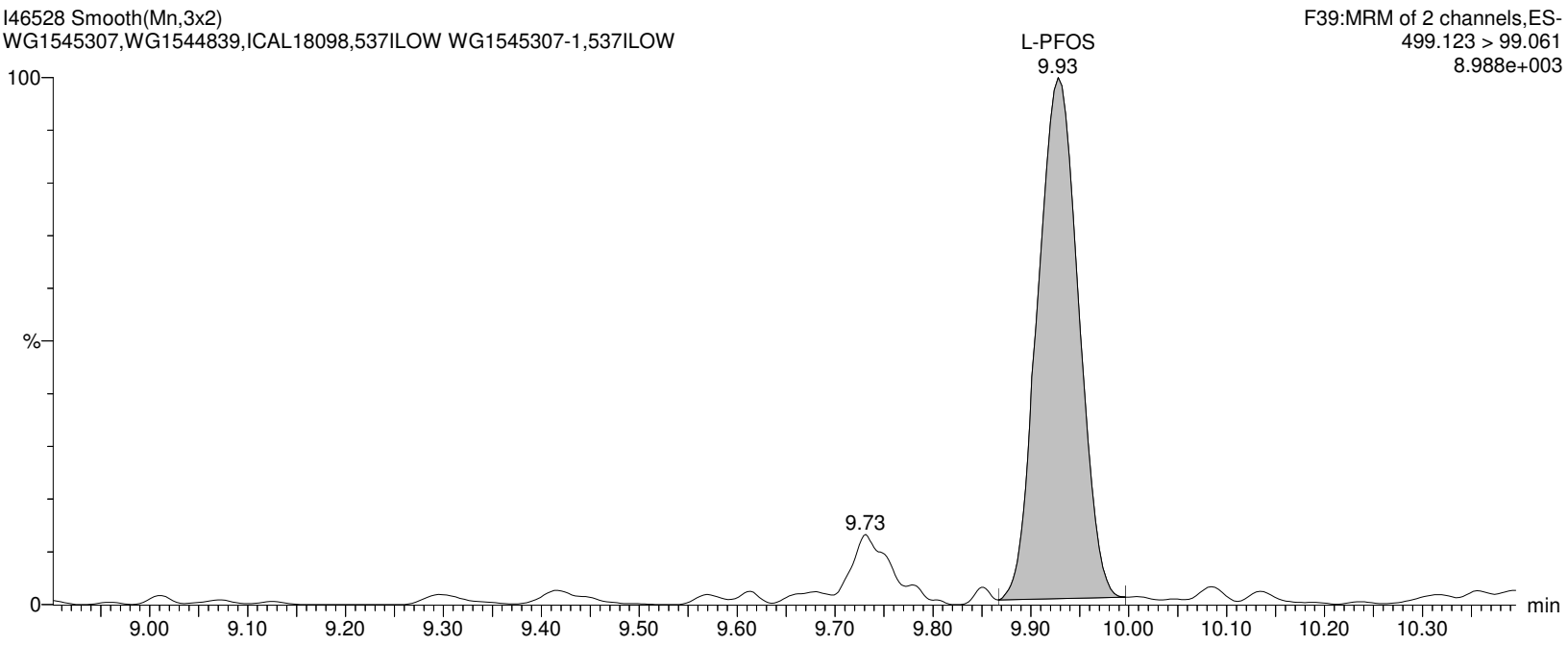
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOS



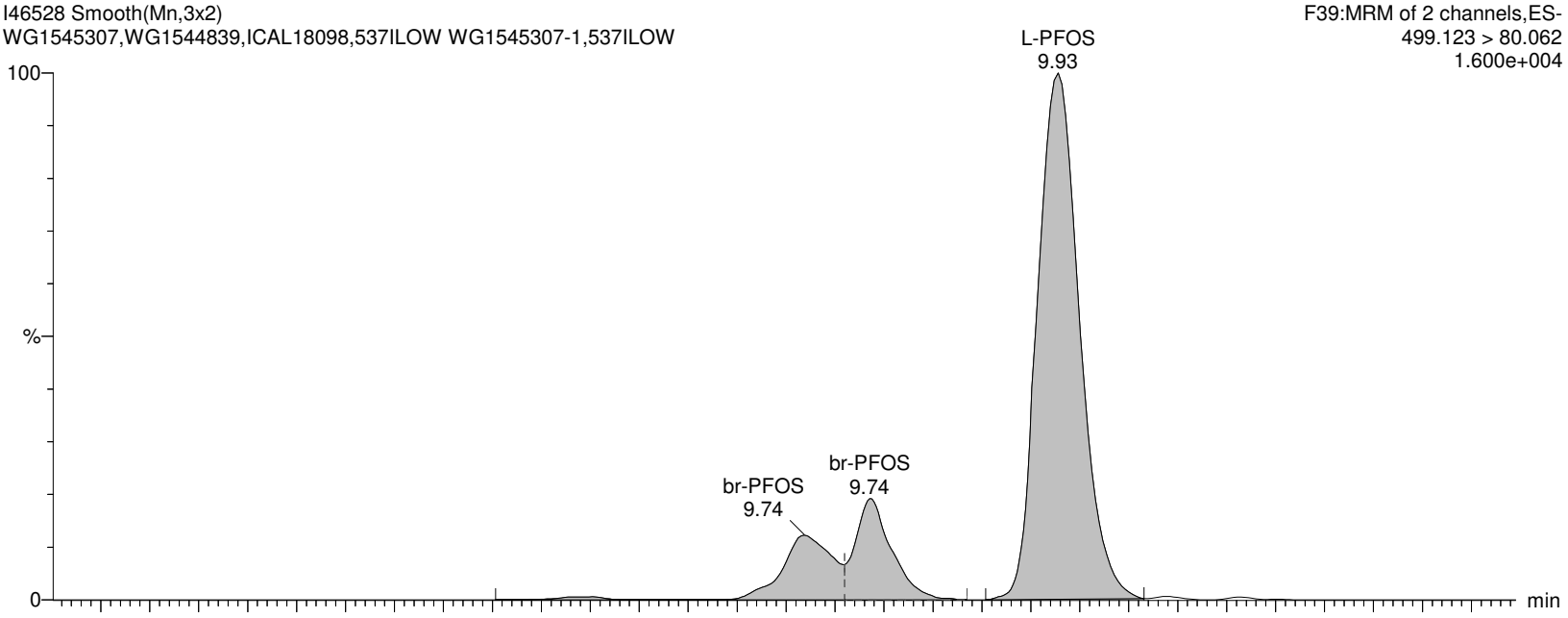


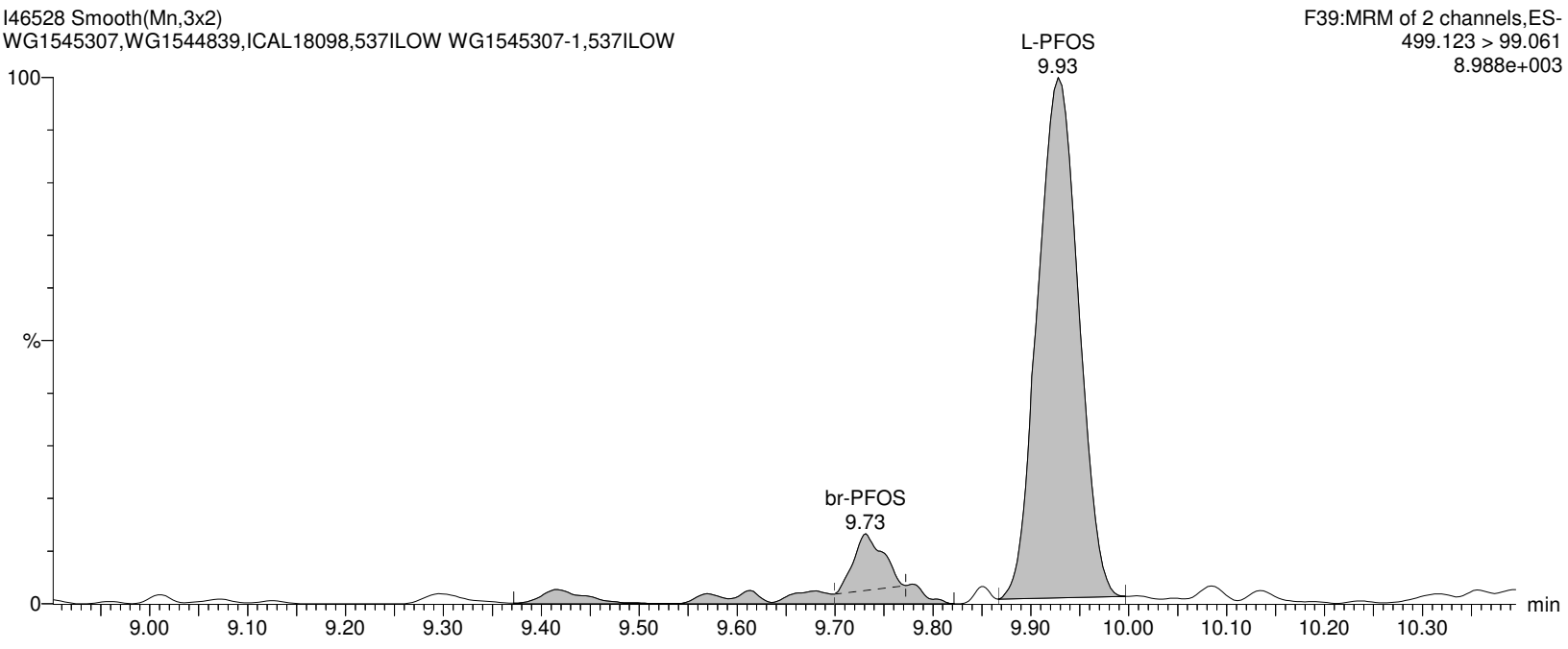
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOS



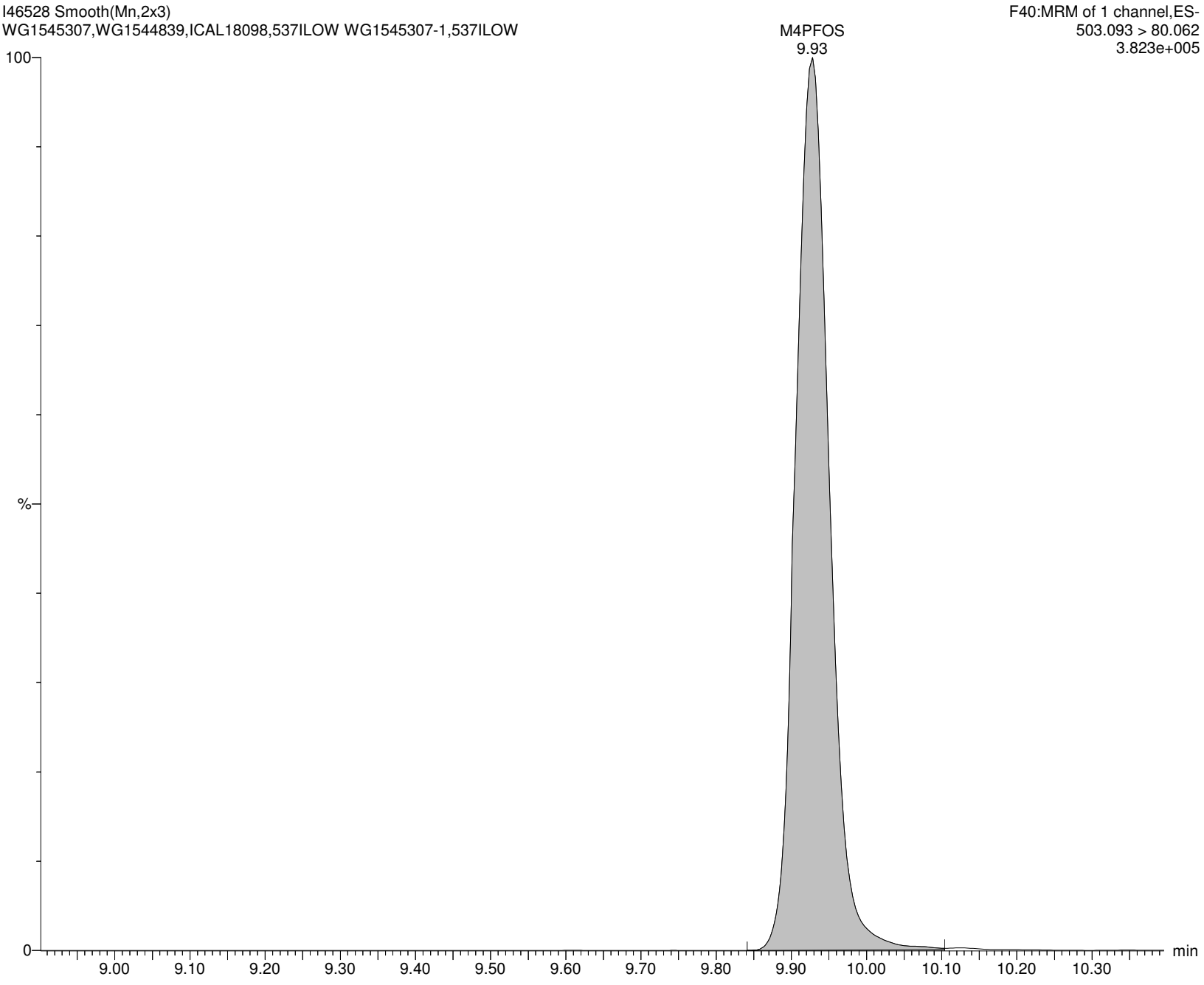


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOS

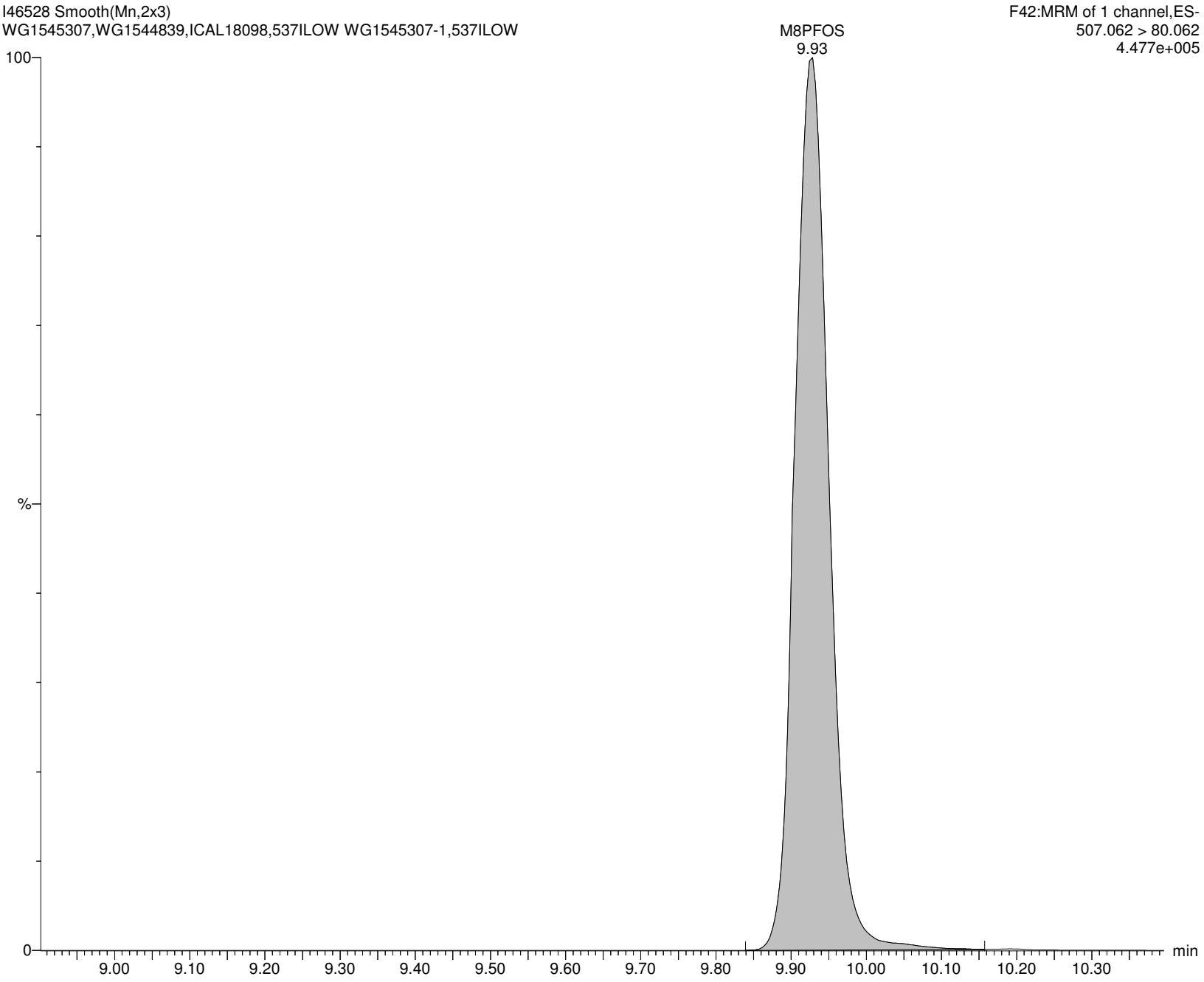


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOS

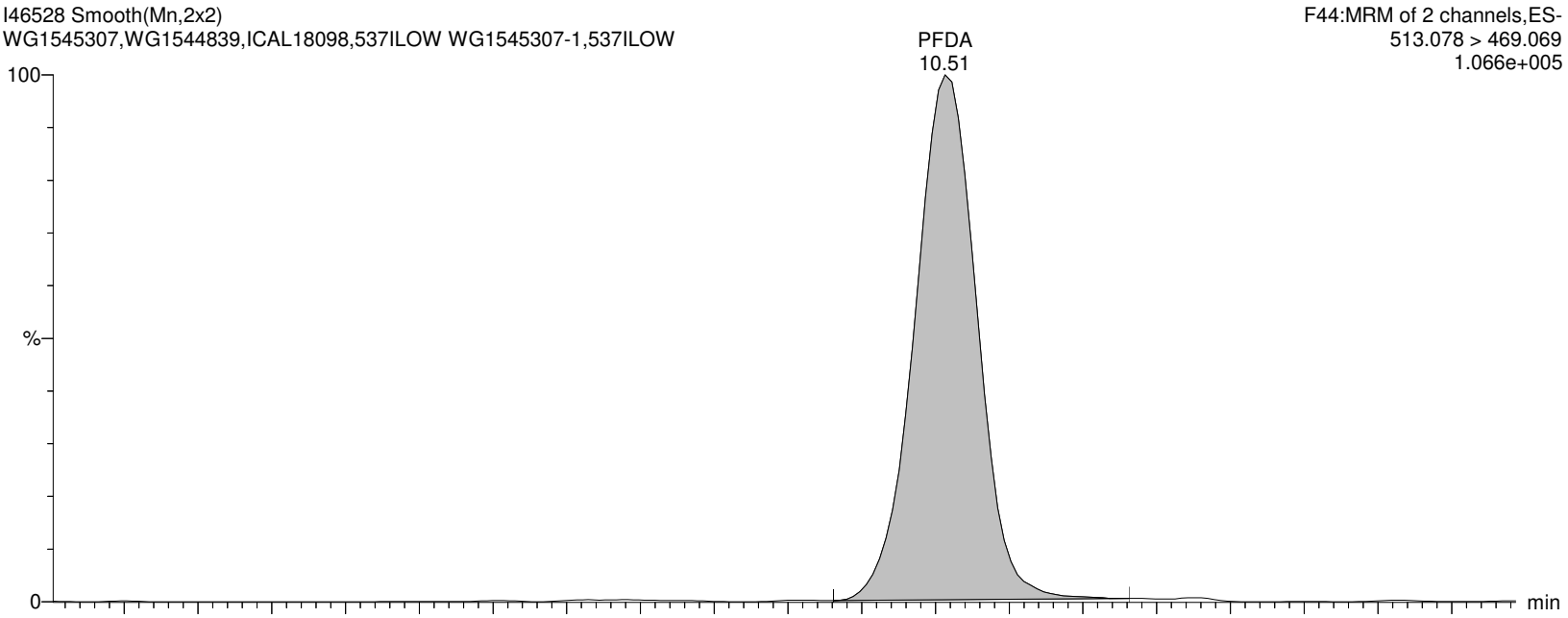


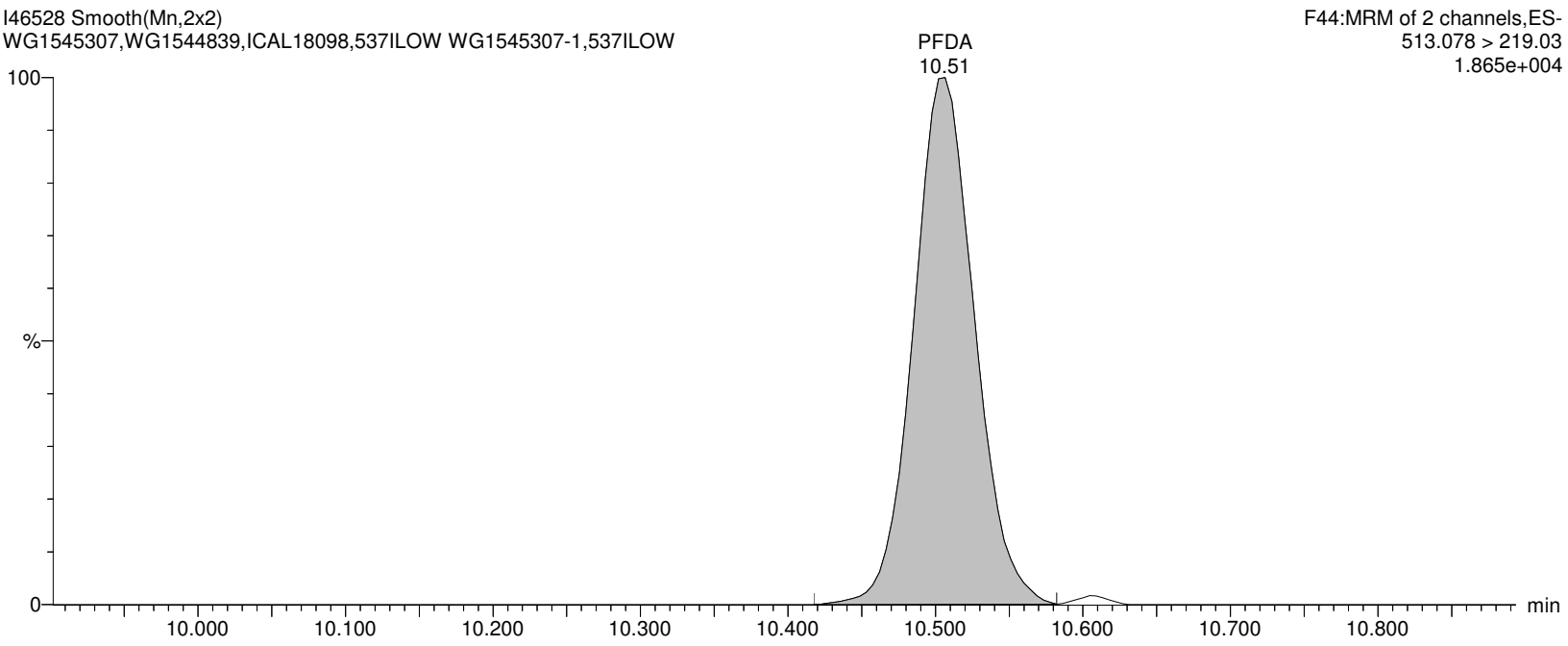
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDA



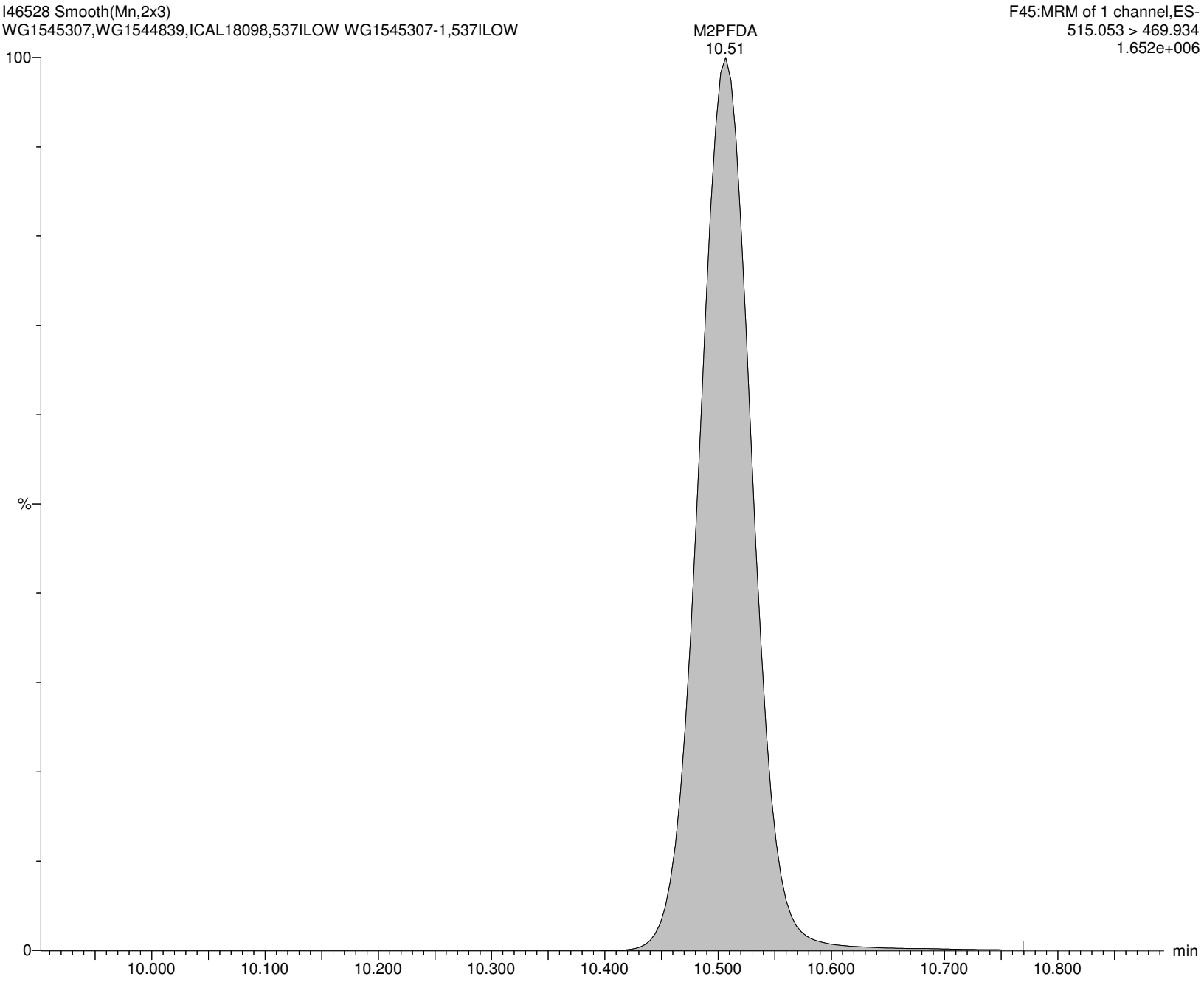


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFDA

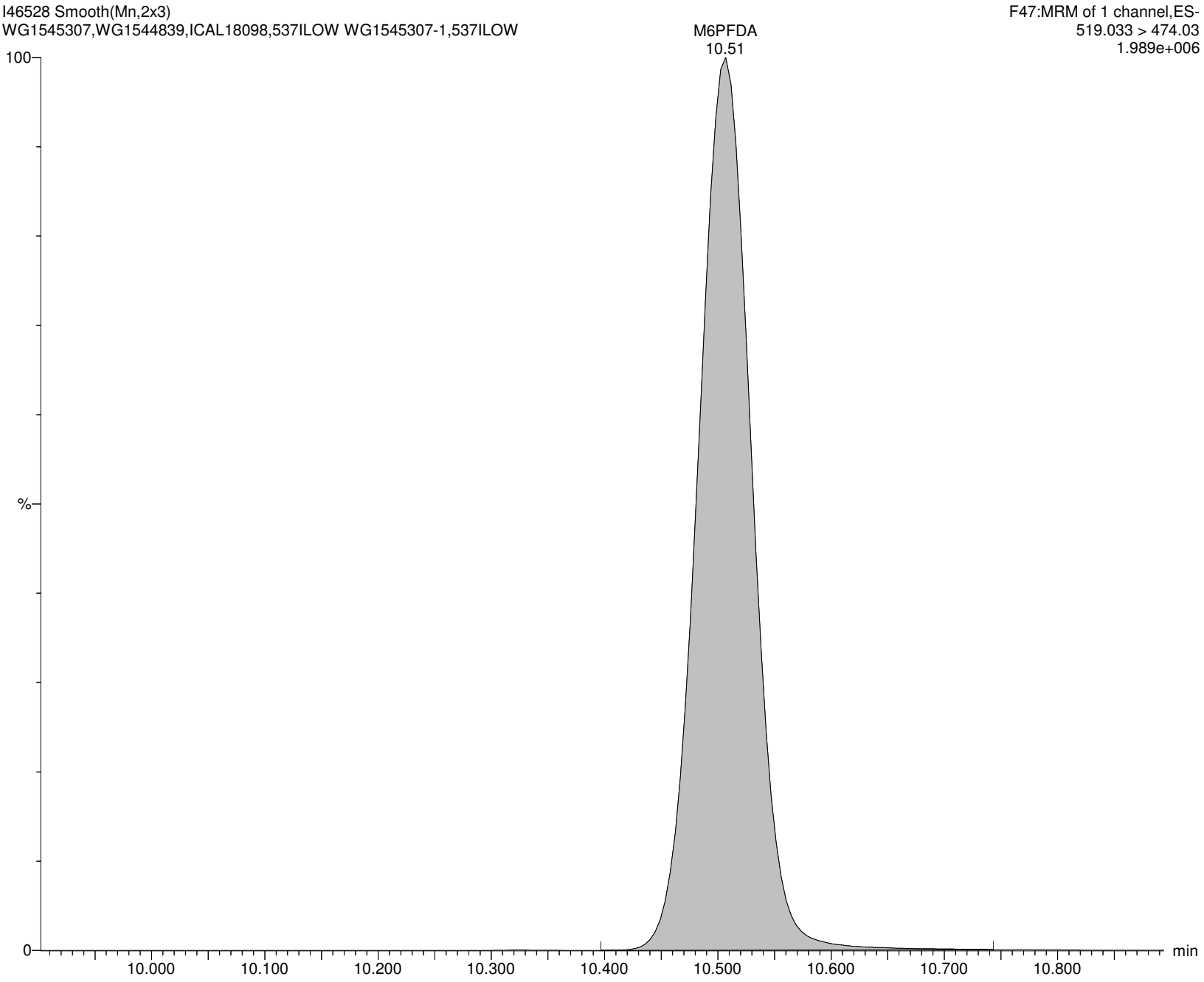


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M6PFDA

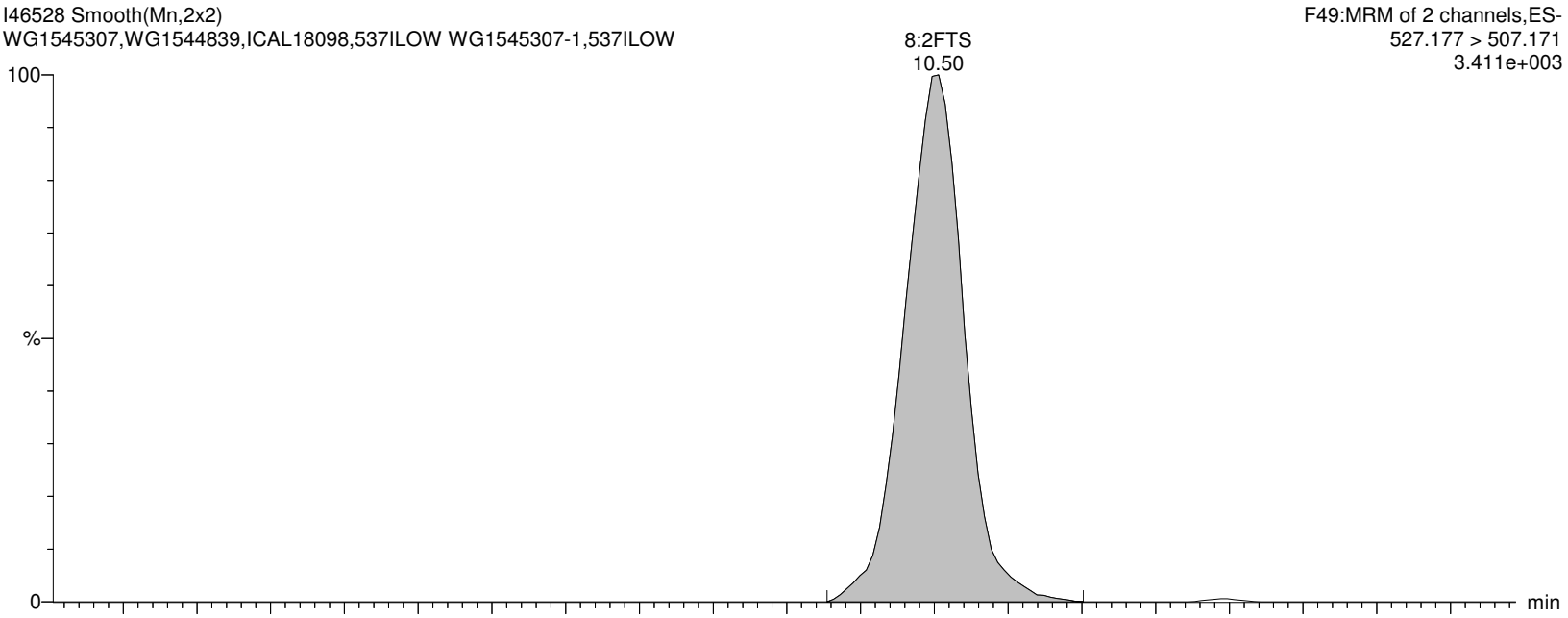


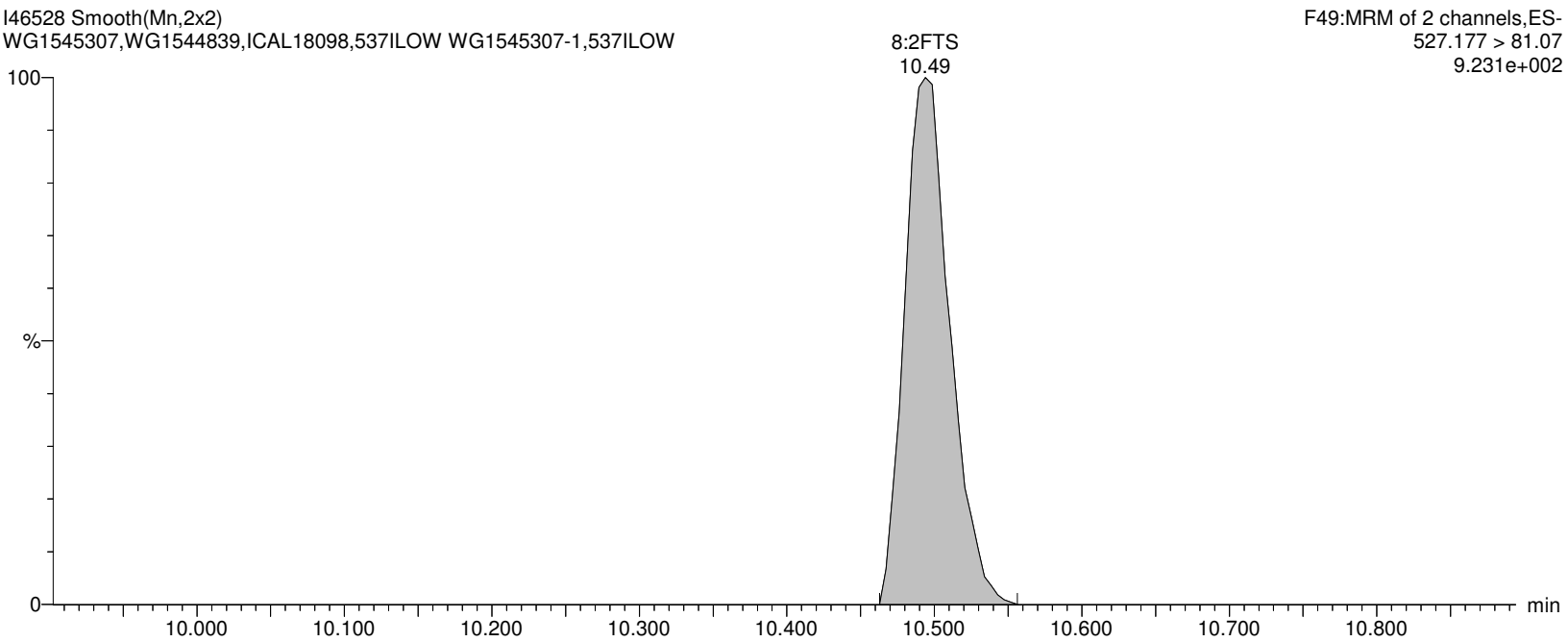
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

8:2FTS



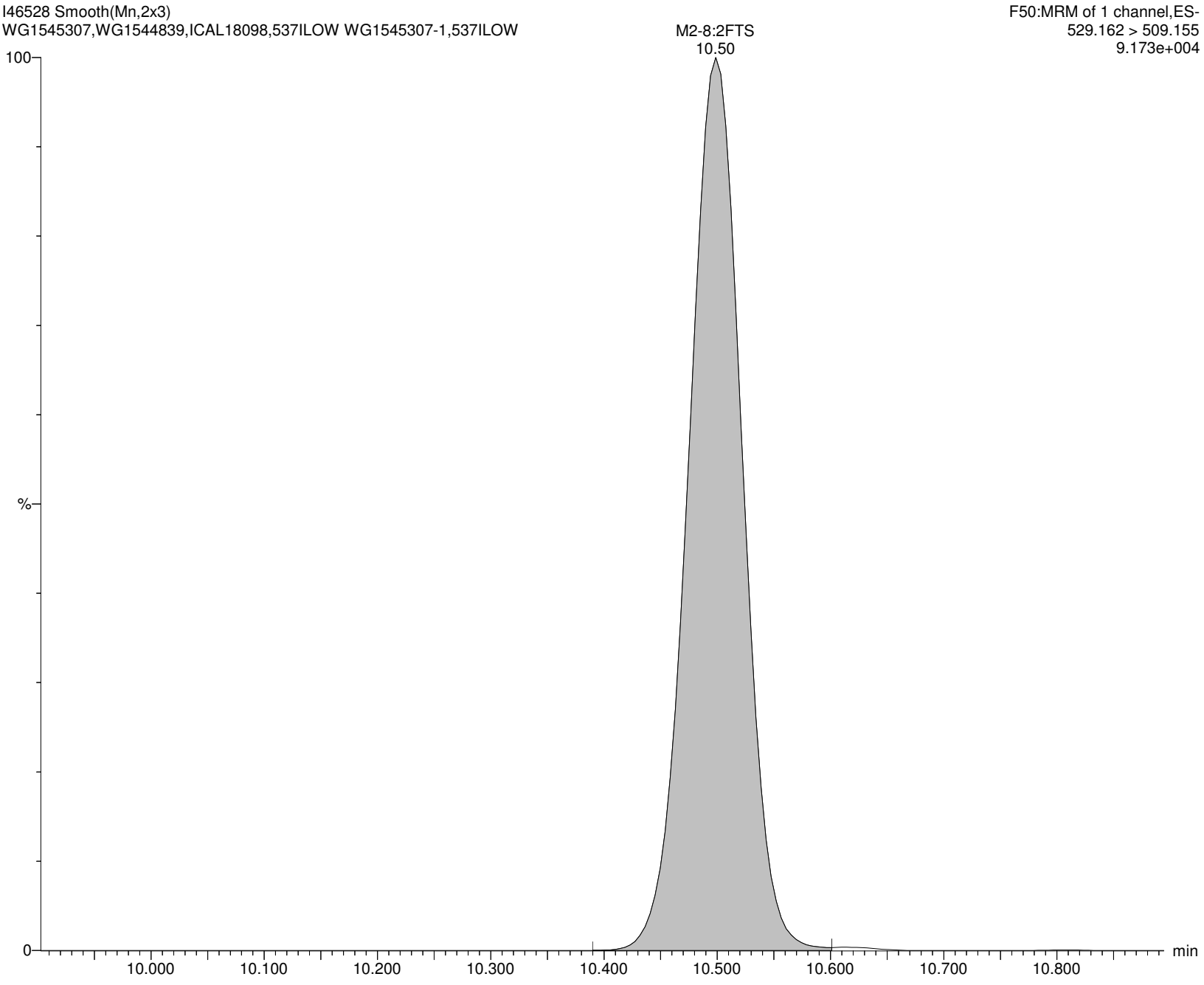


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-8:2FTS

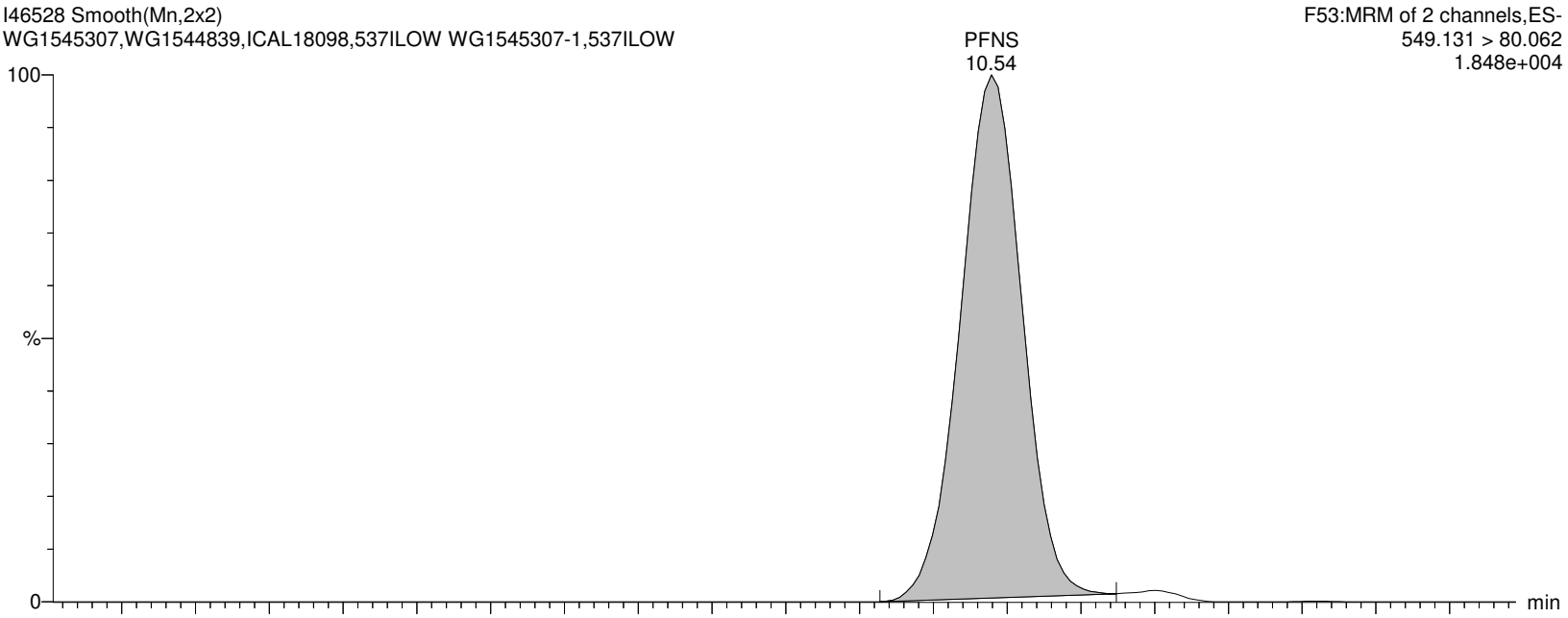


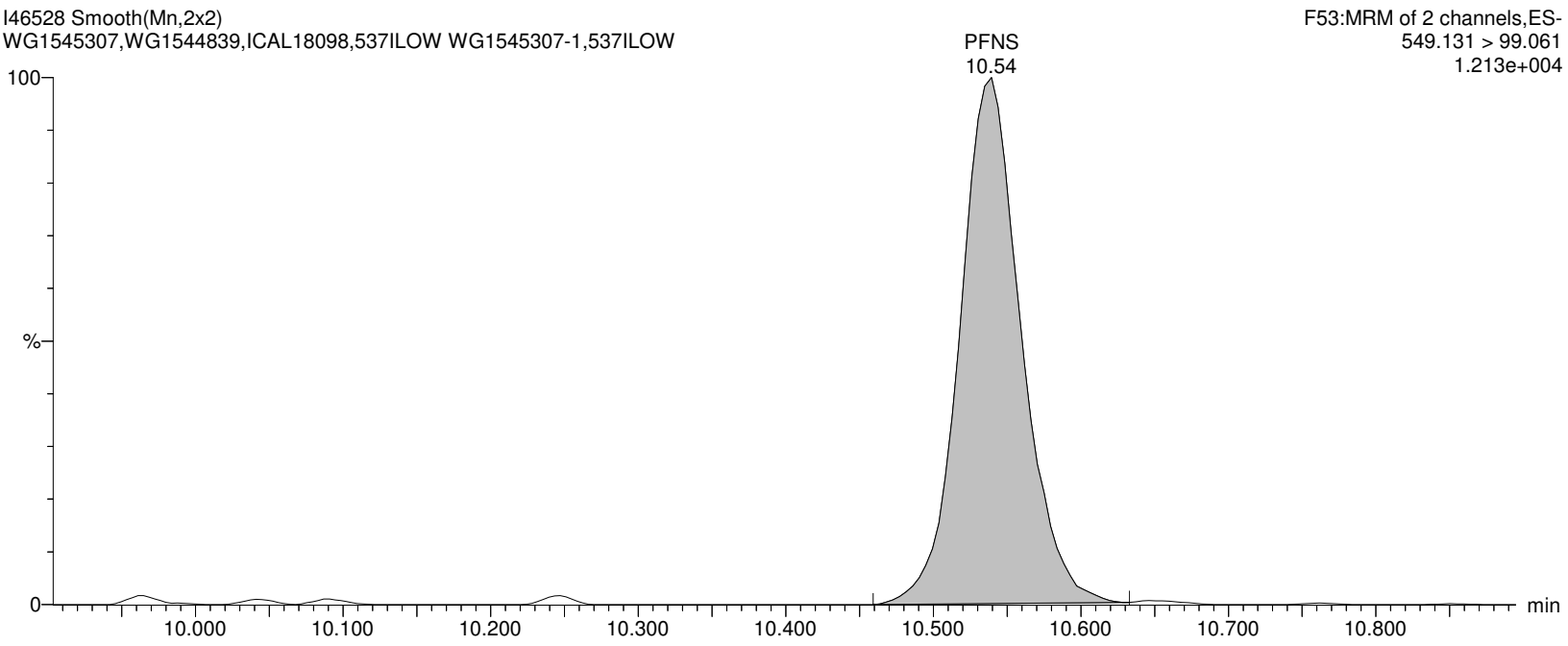
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNS



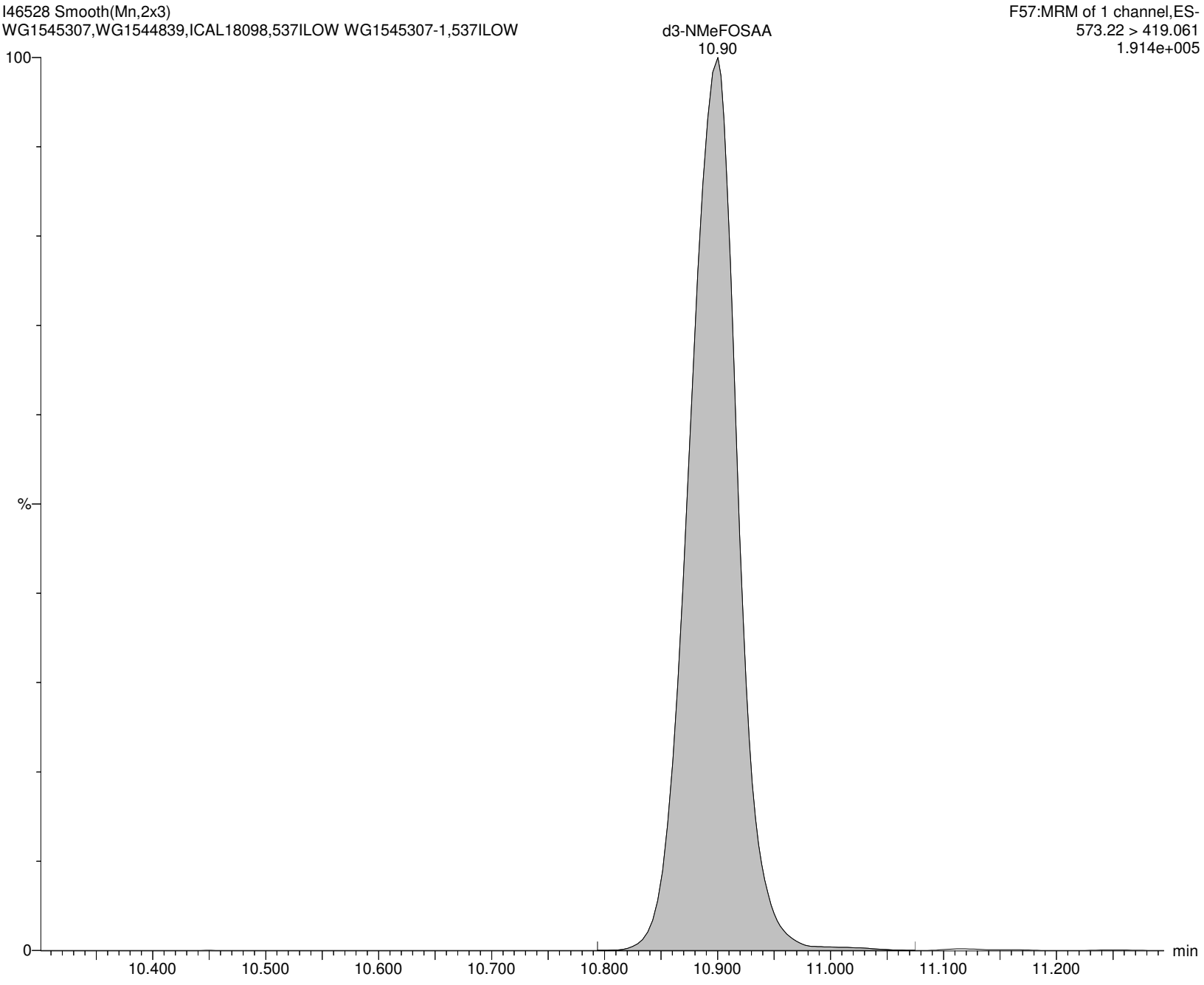


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSAA

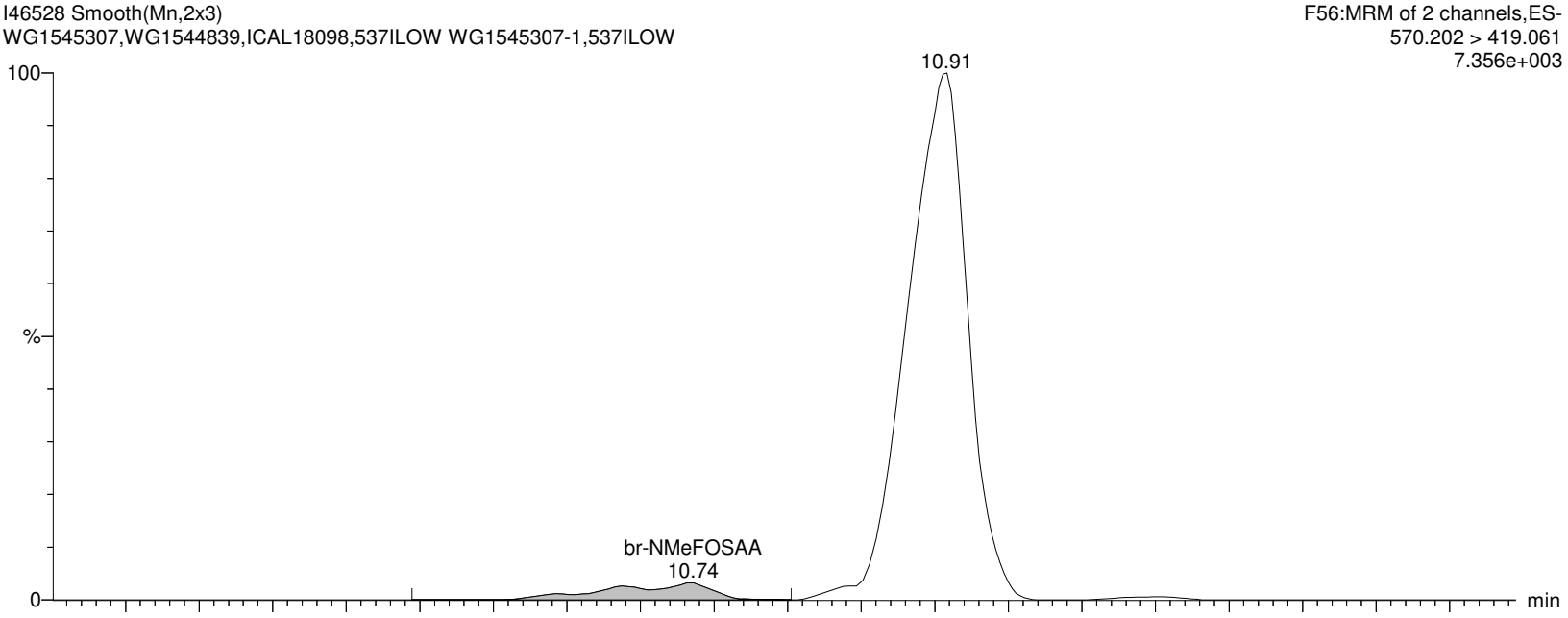


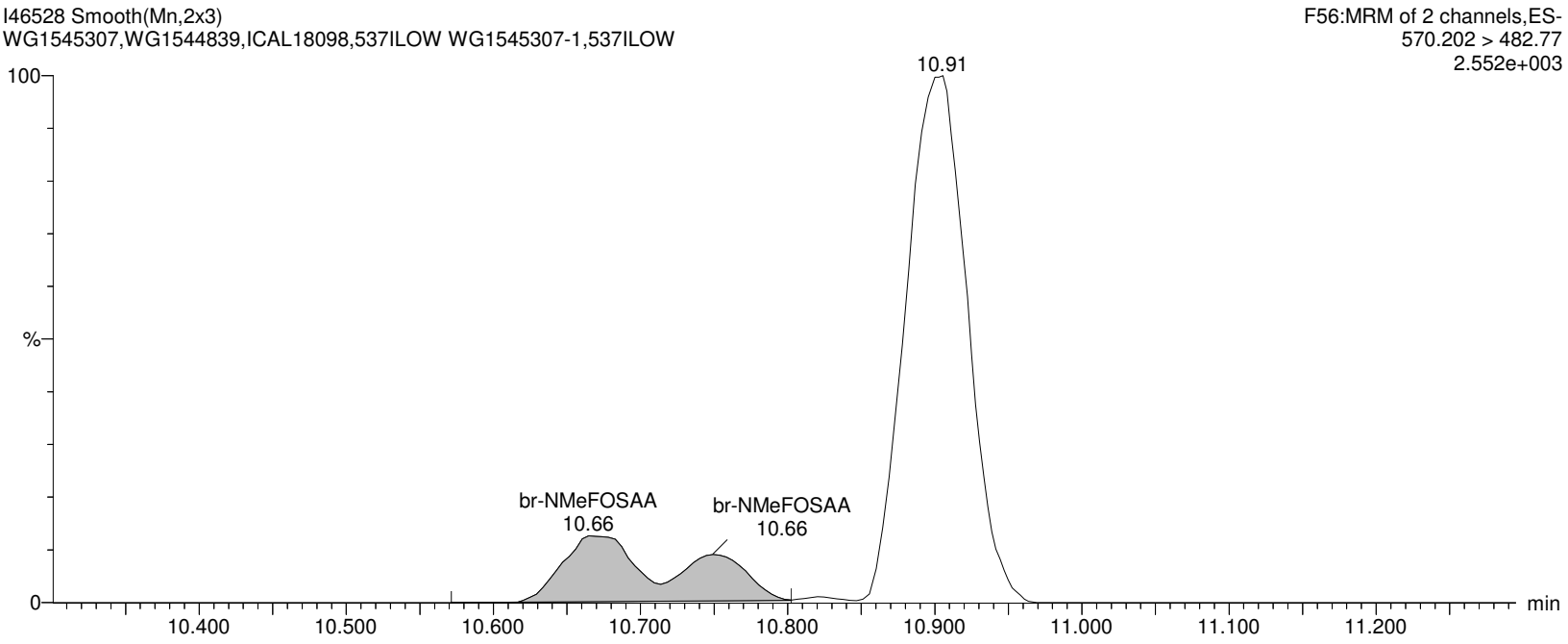
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NMeFOSAA



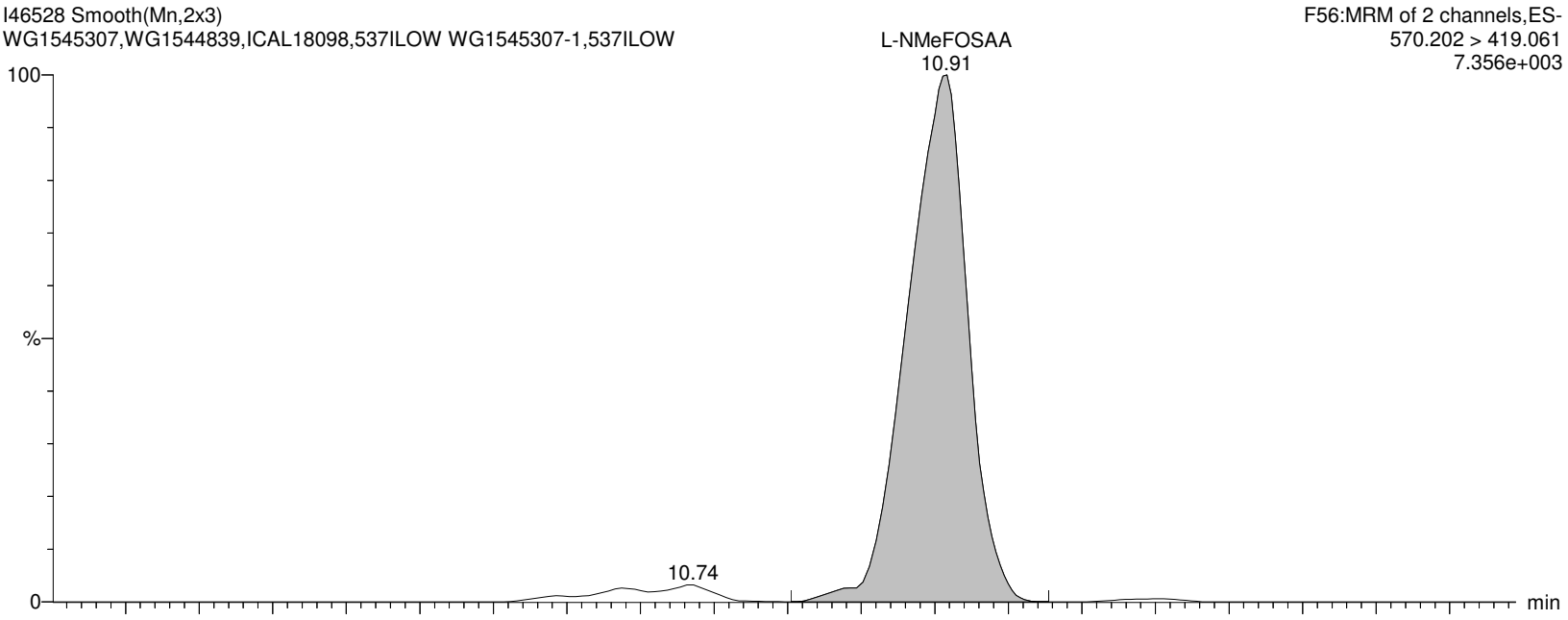


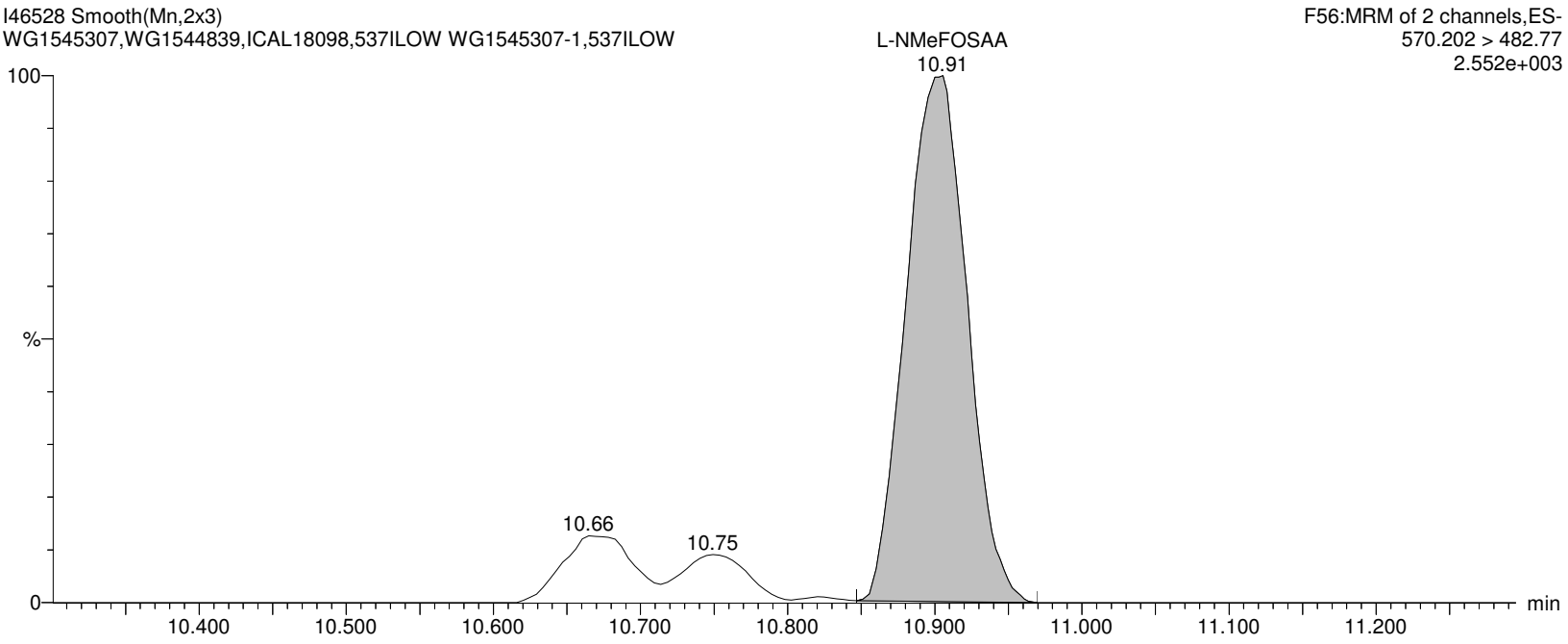
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NMeFOSAA



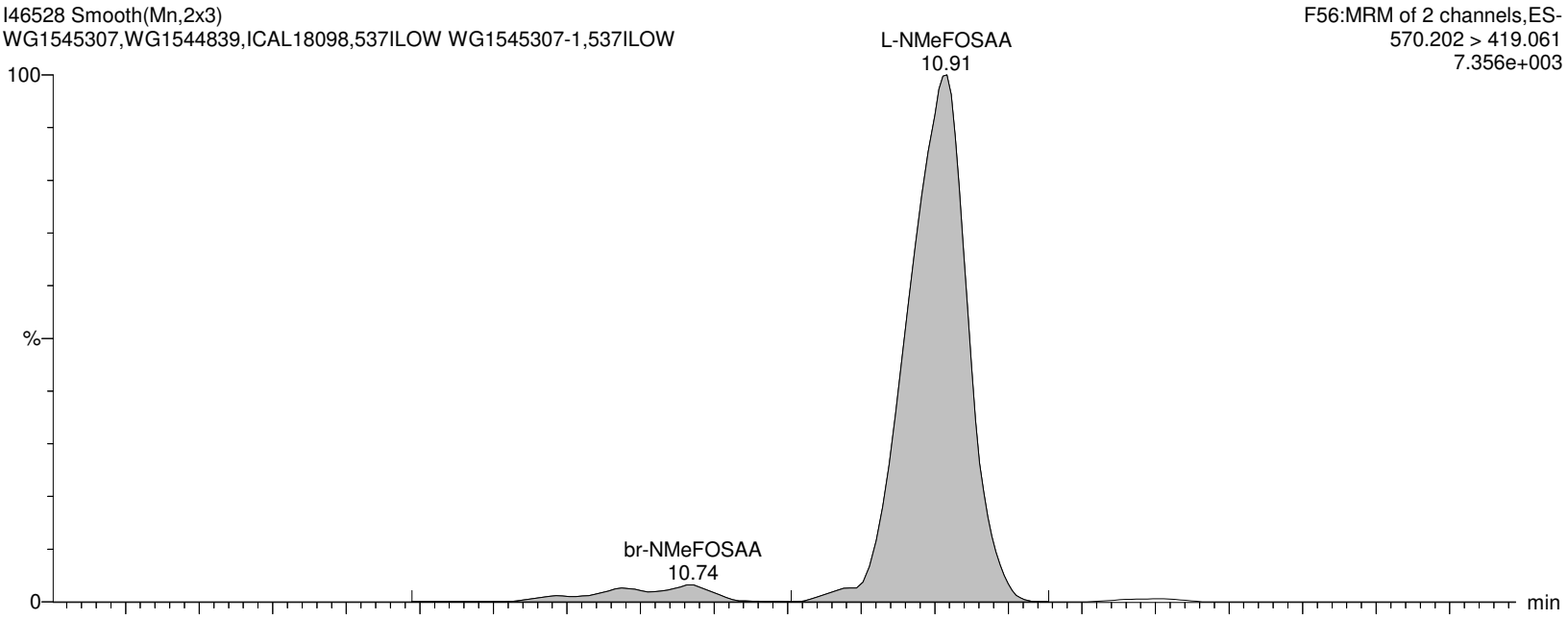


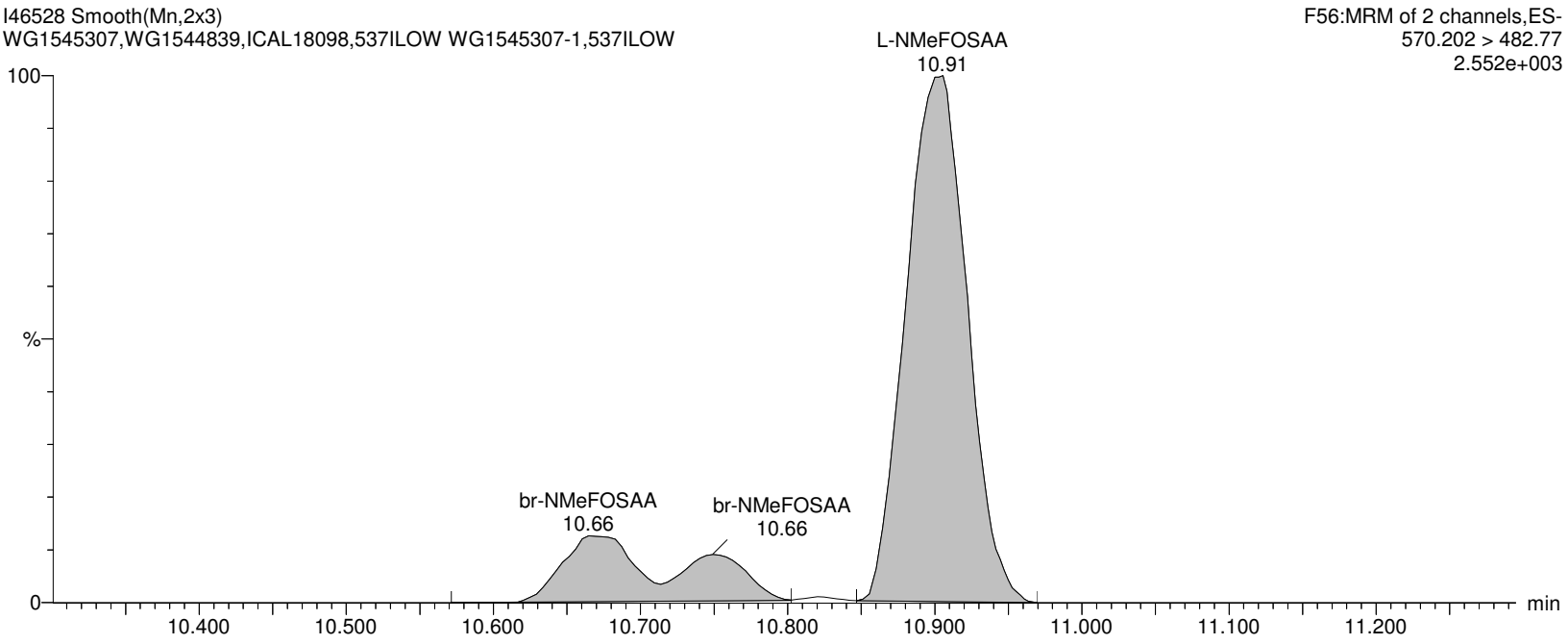
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSAA



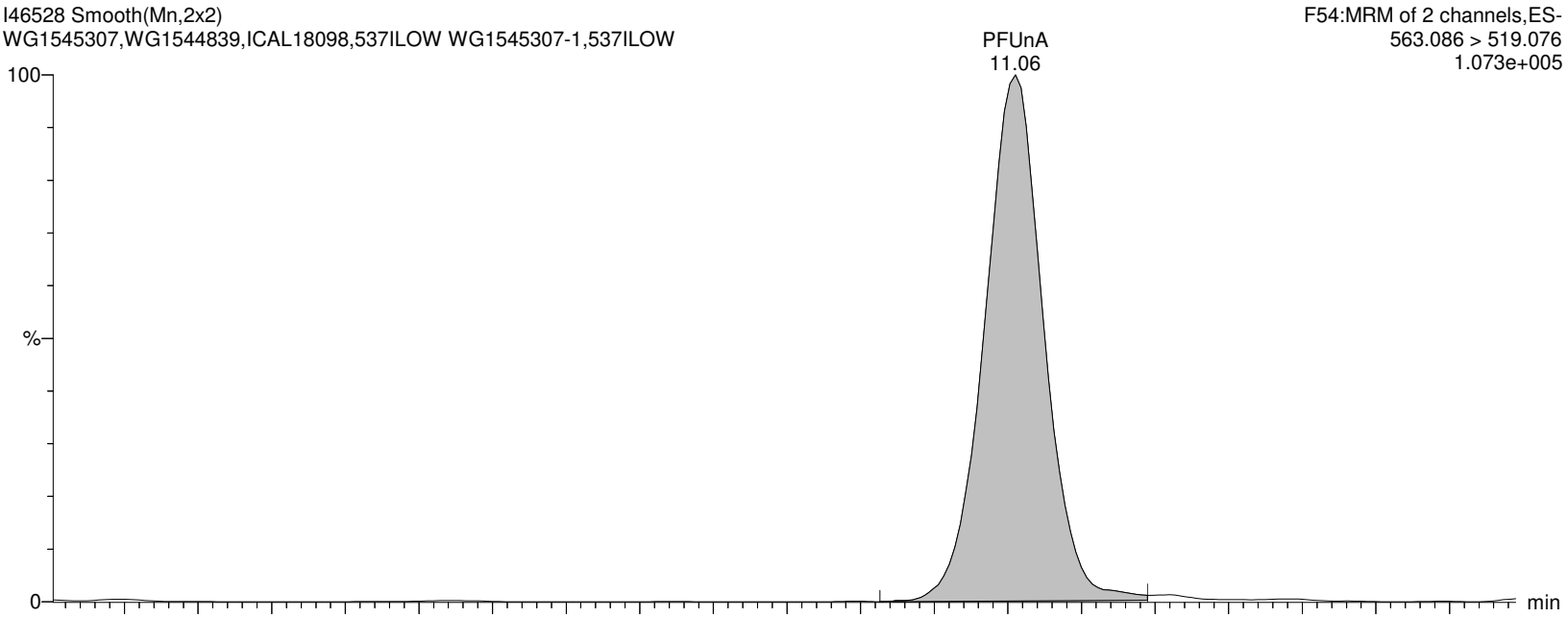


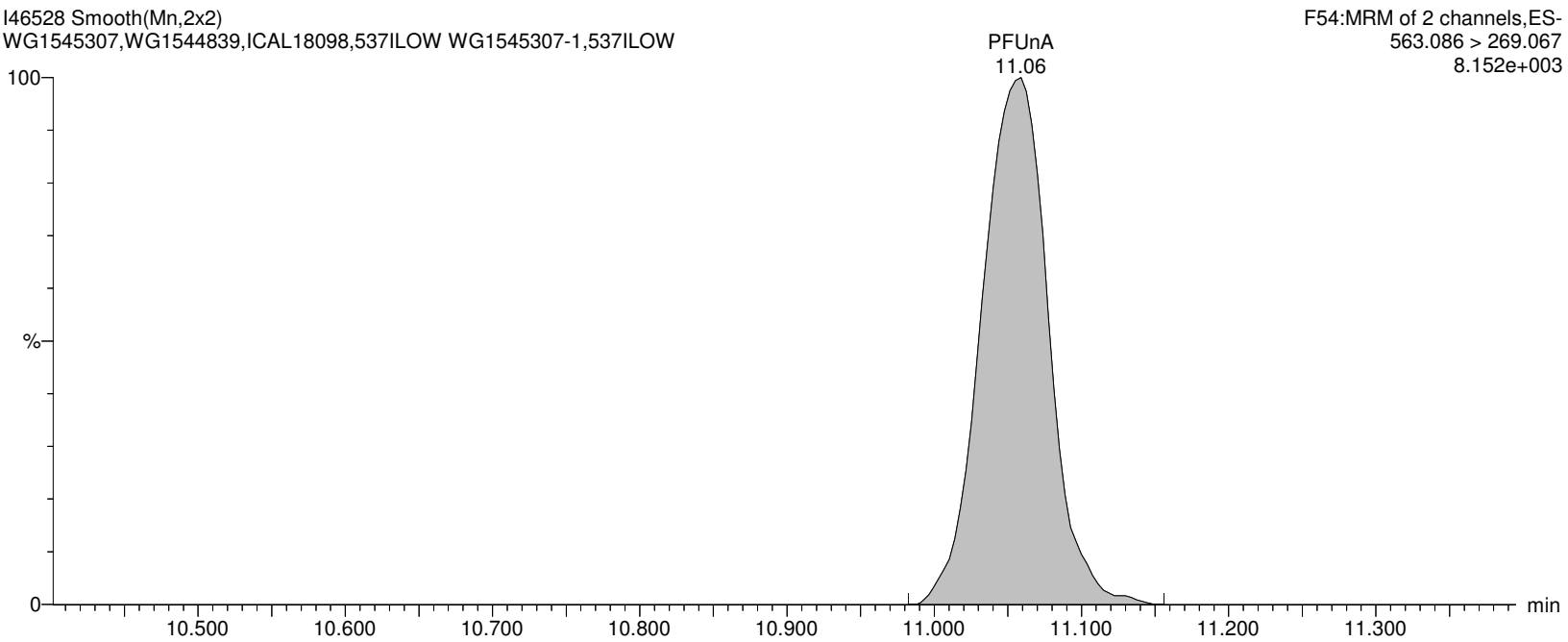
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFUnA



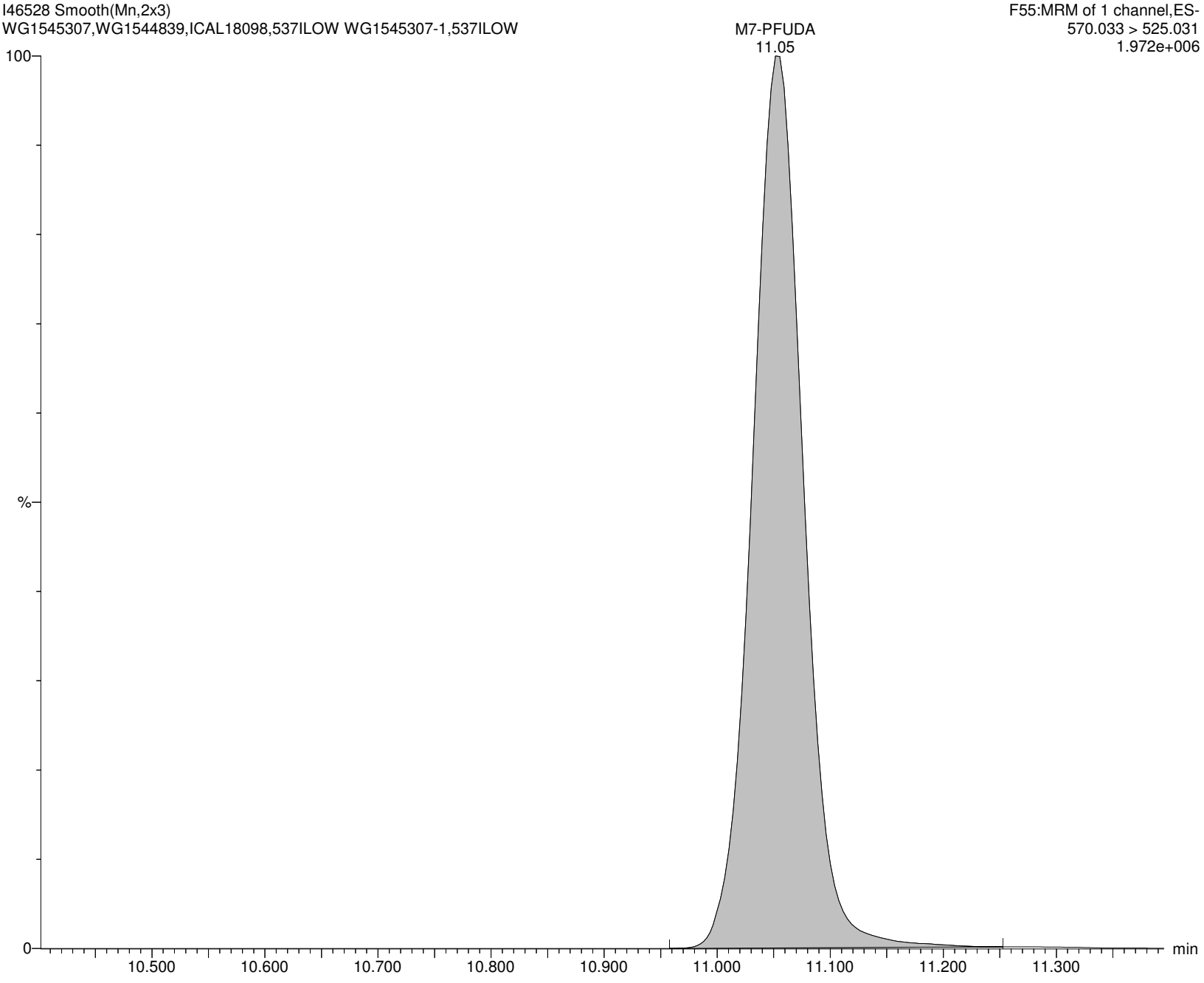


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M7-PFUDA

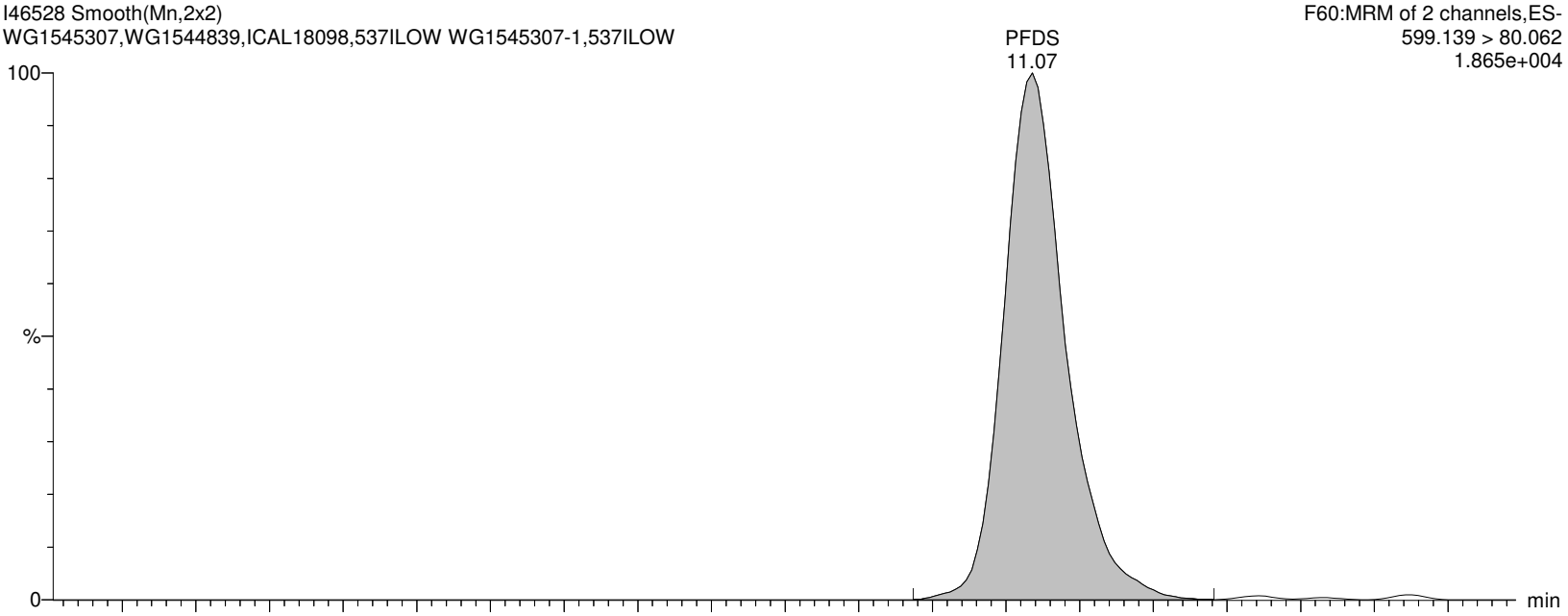


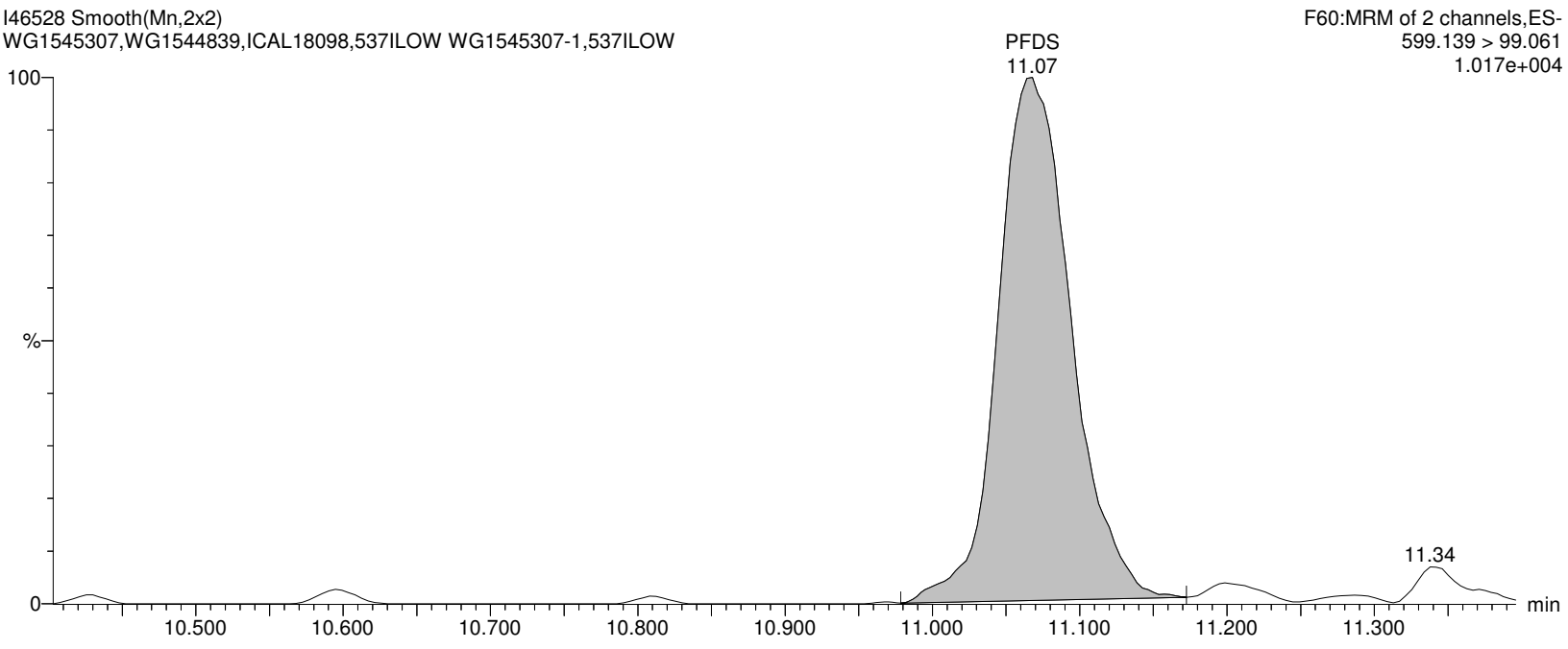
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDS



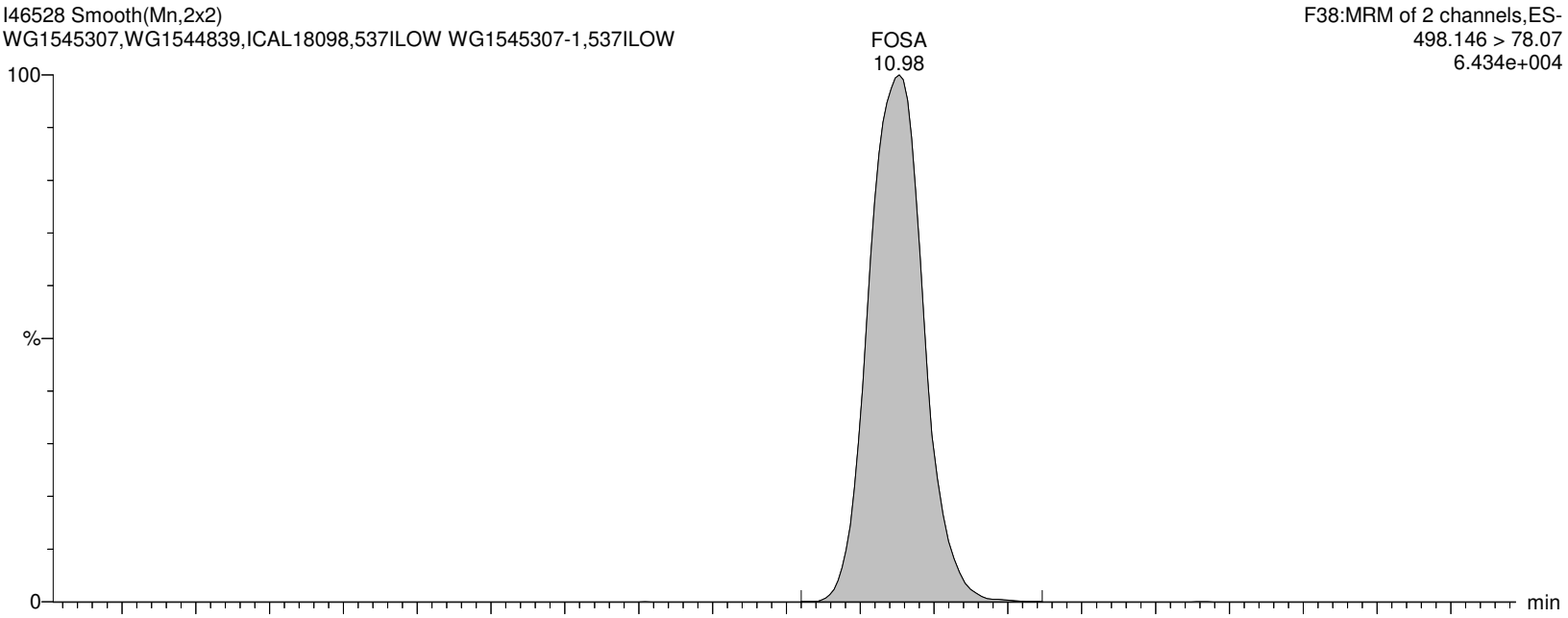


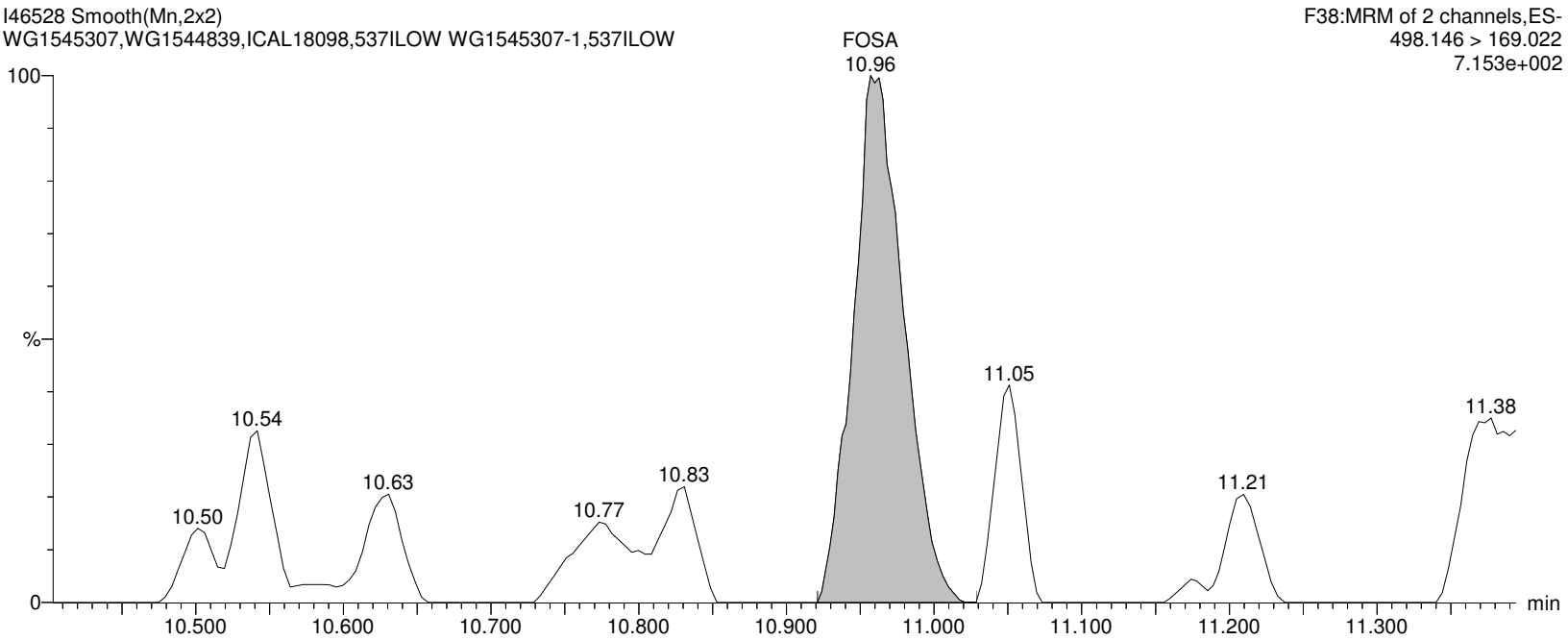
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

FOSA



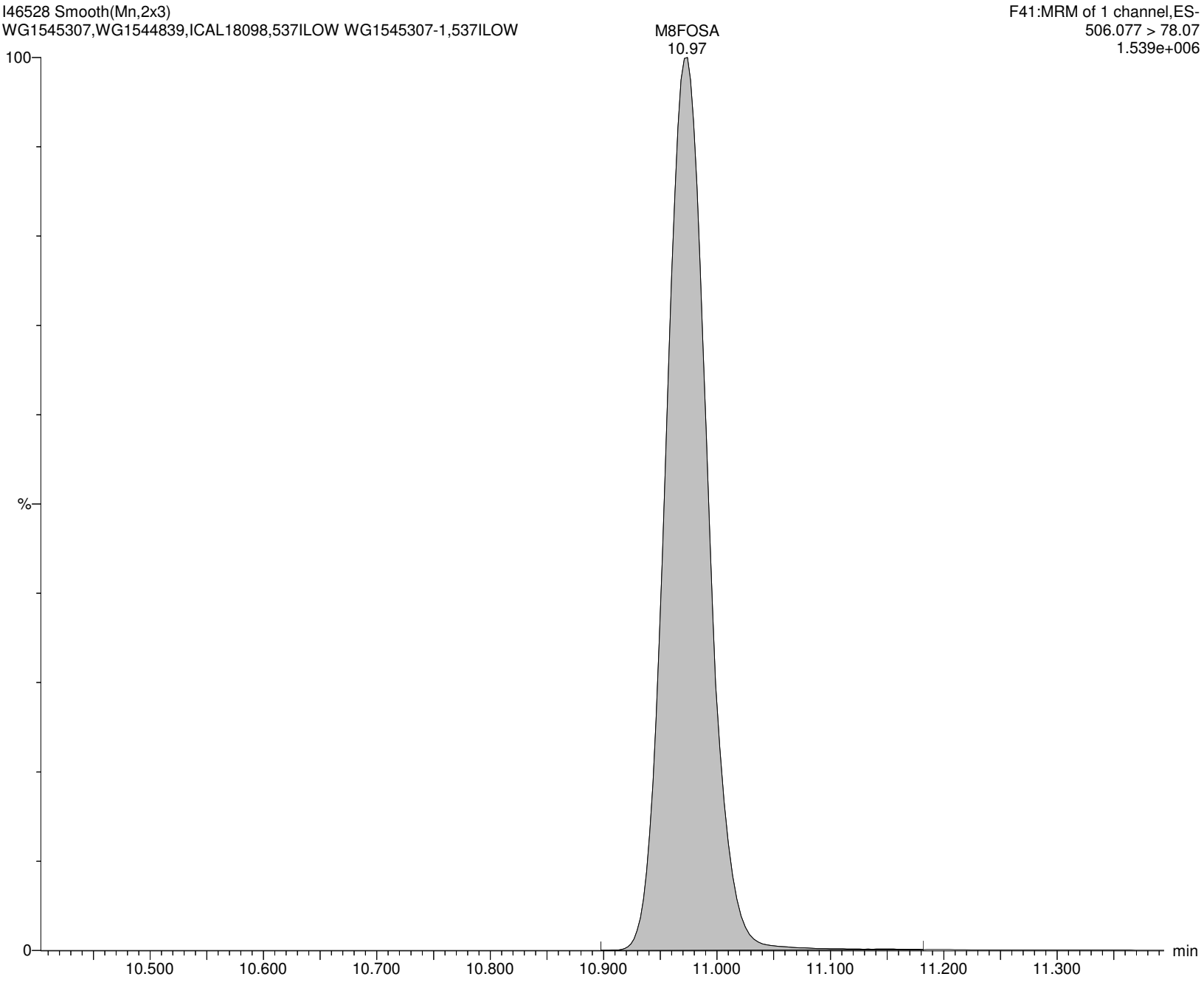


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8FOSA

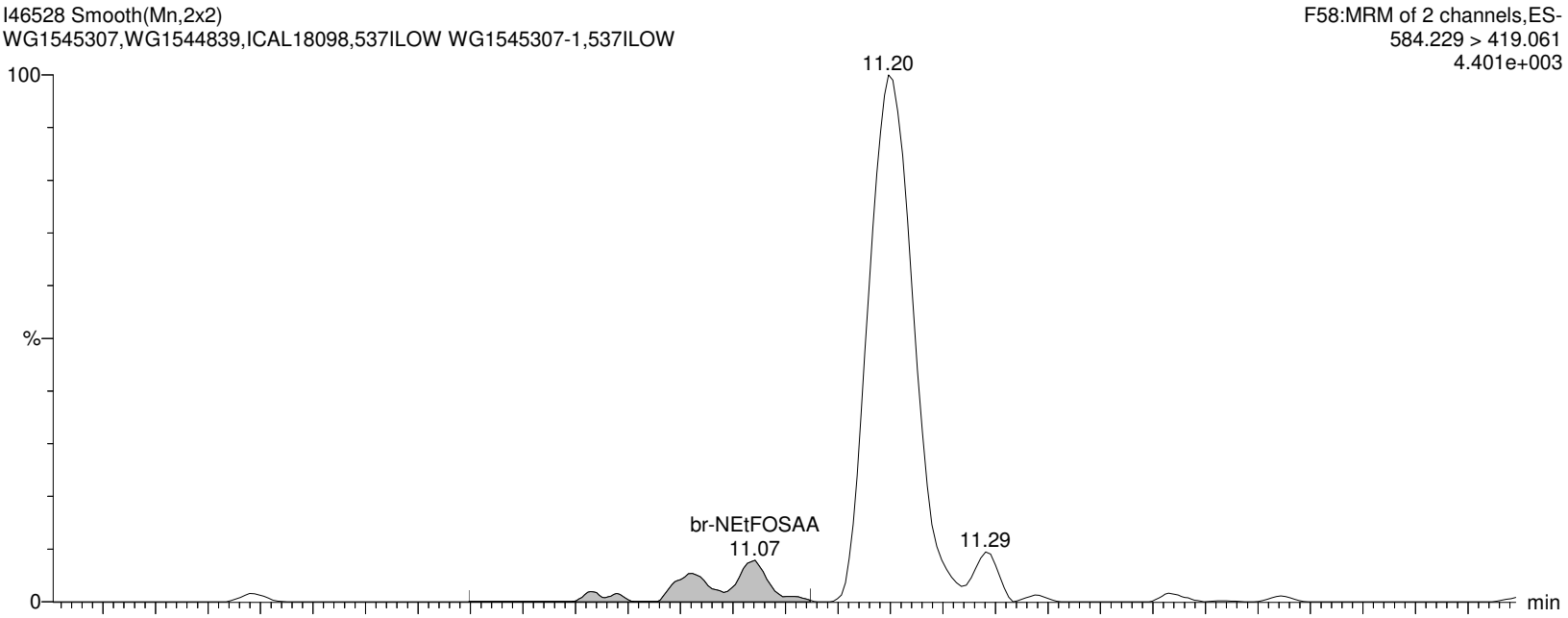


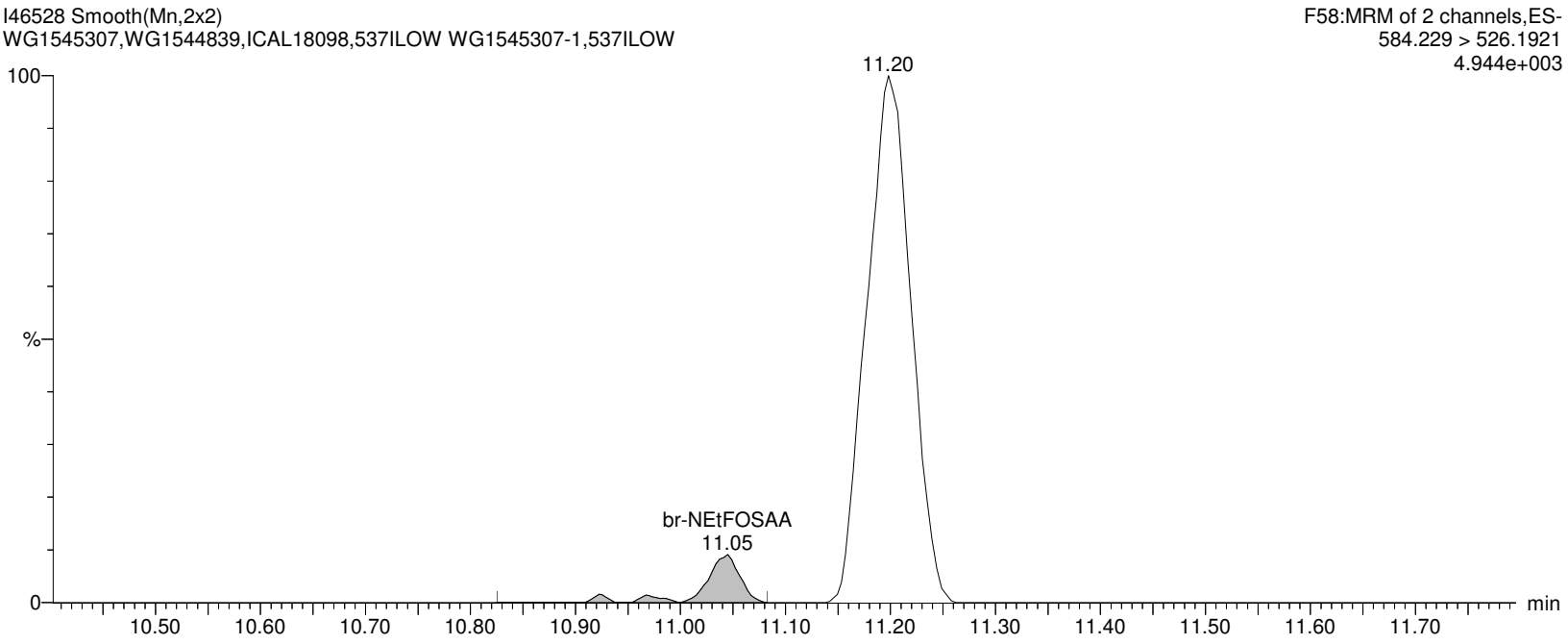
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NEtFOSAA



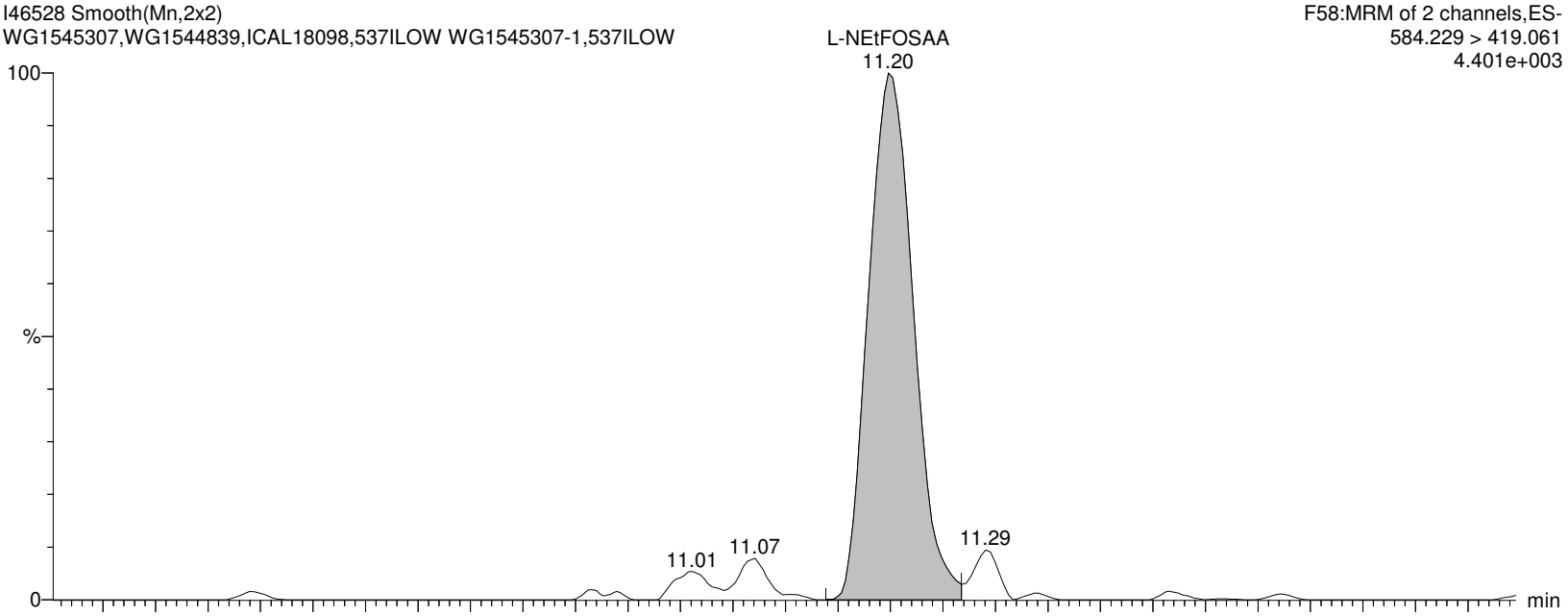


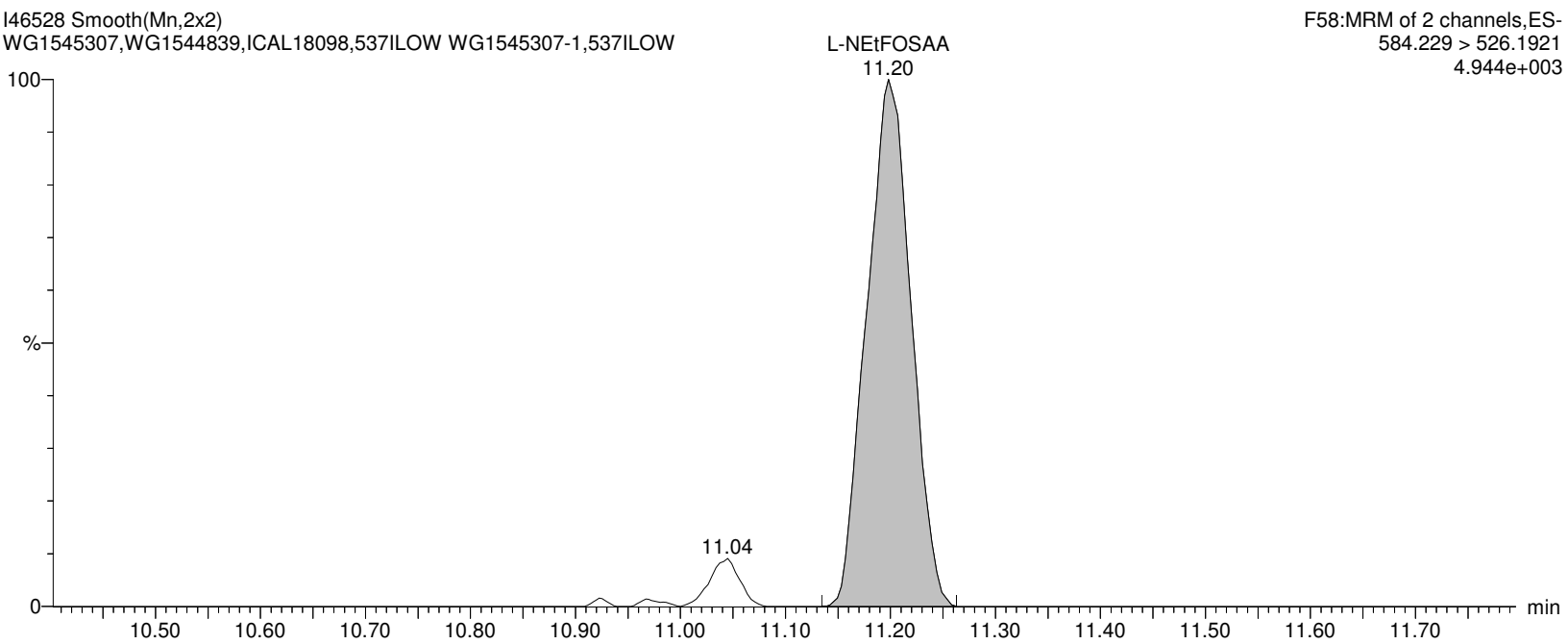
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NEtFOSAA



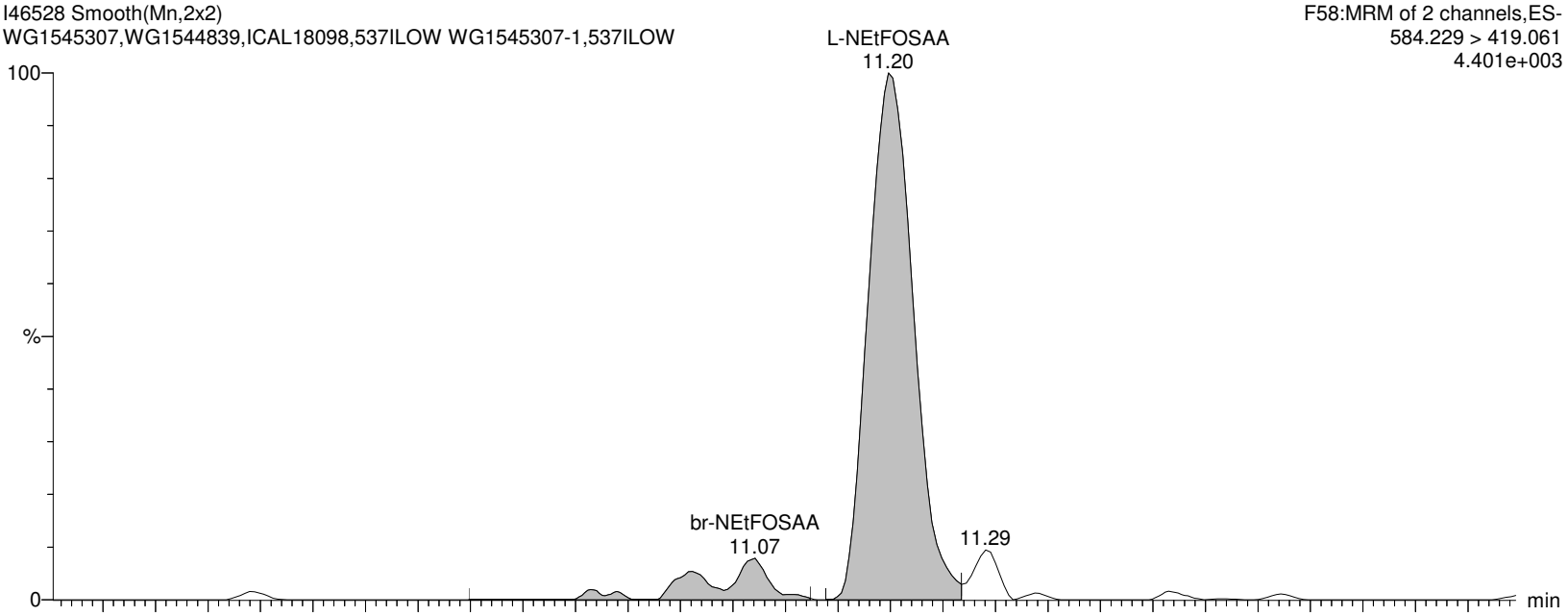


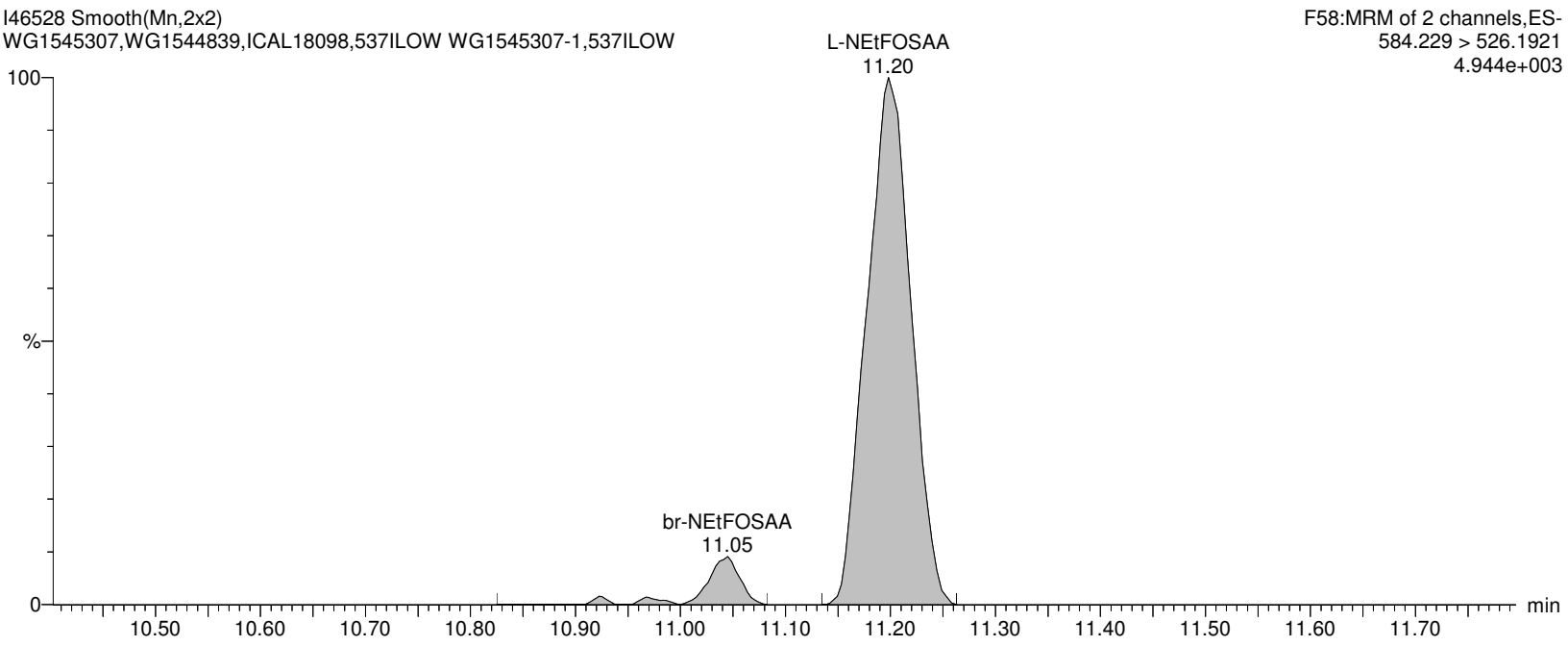
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSAA



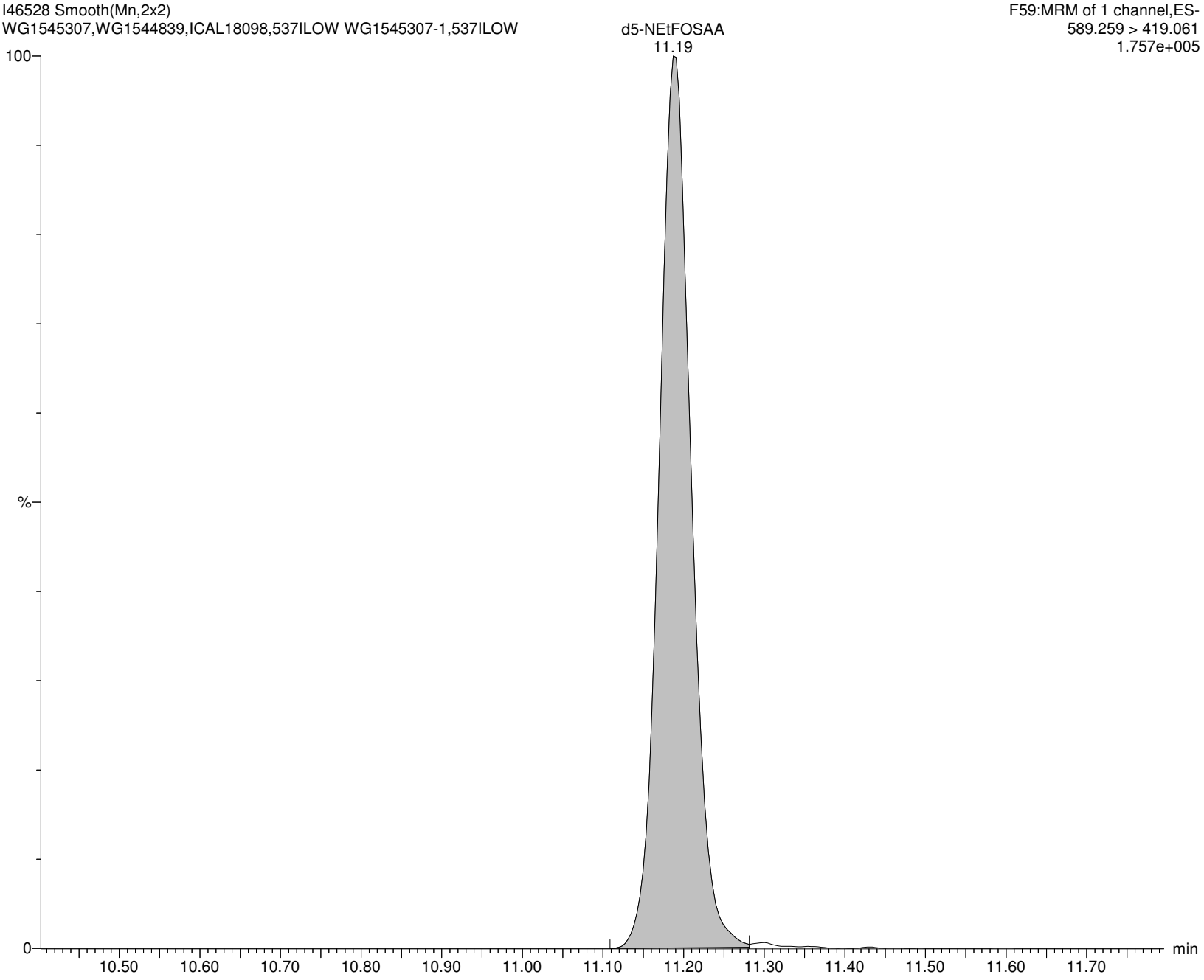


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSAA

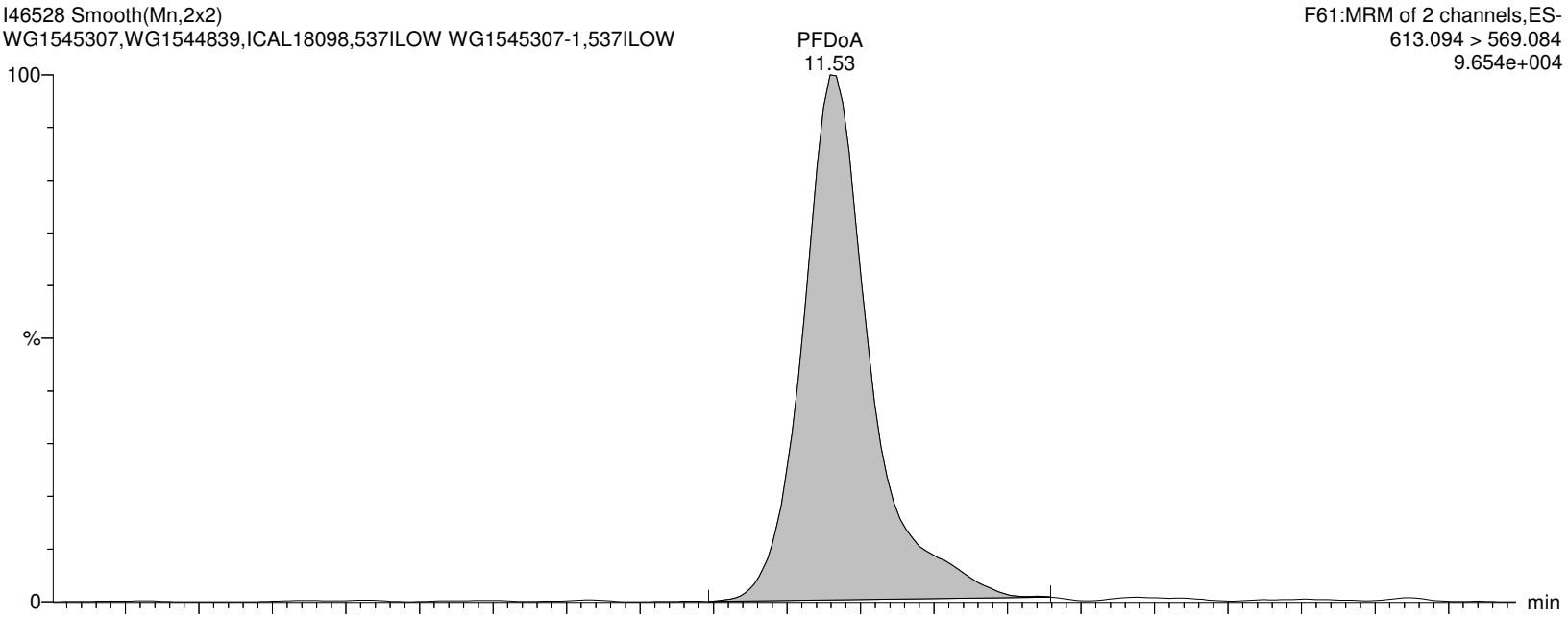


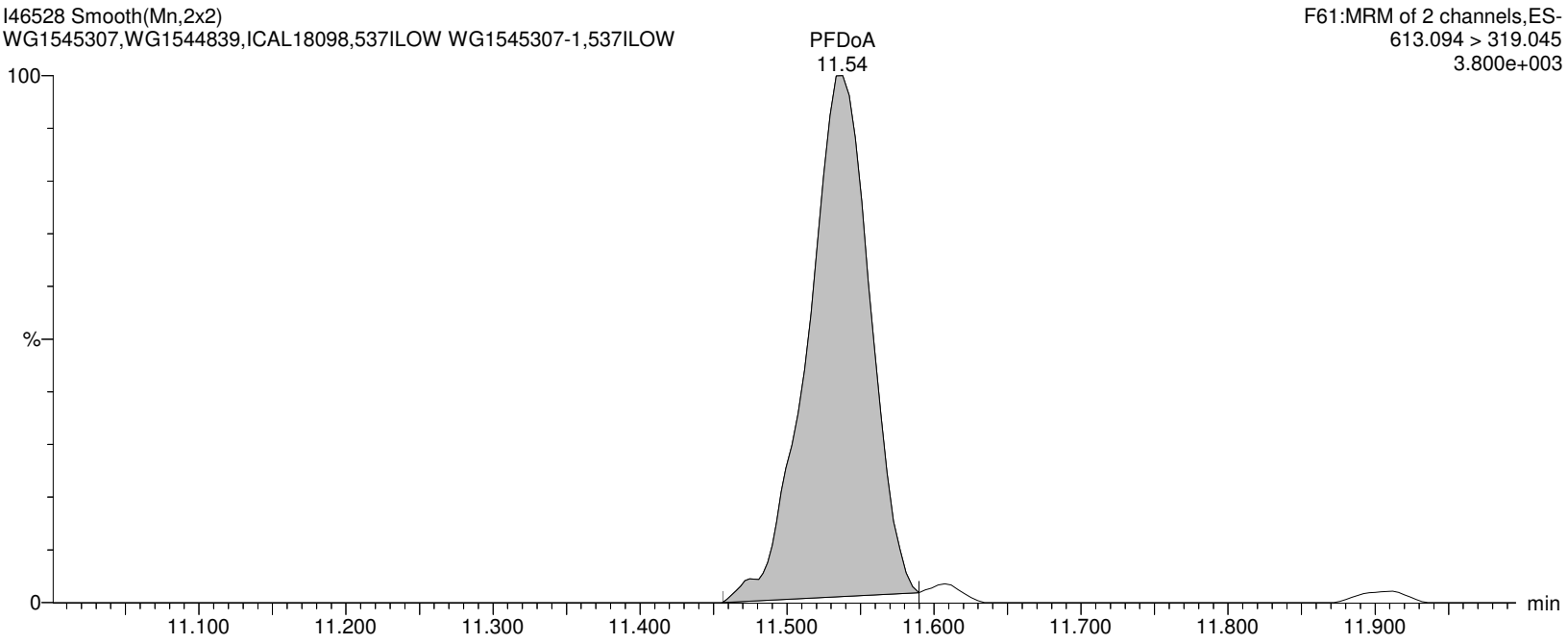
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoA



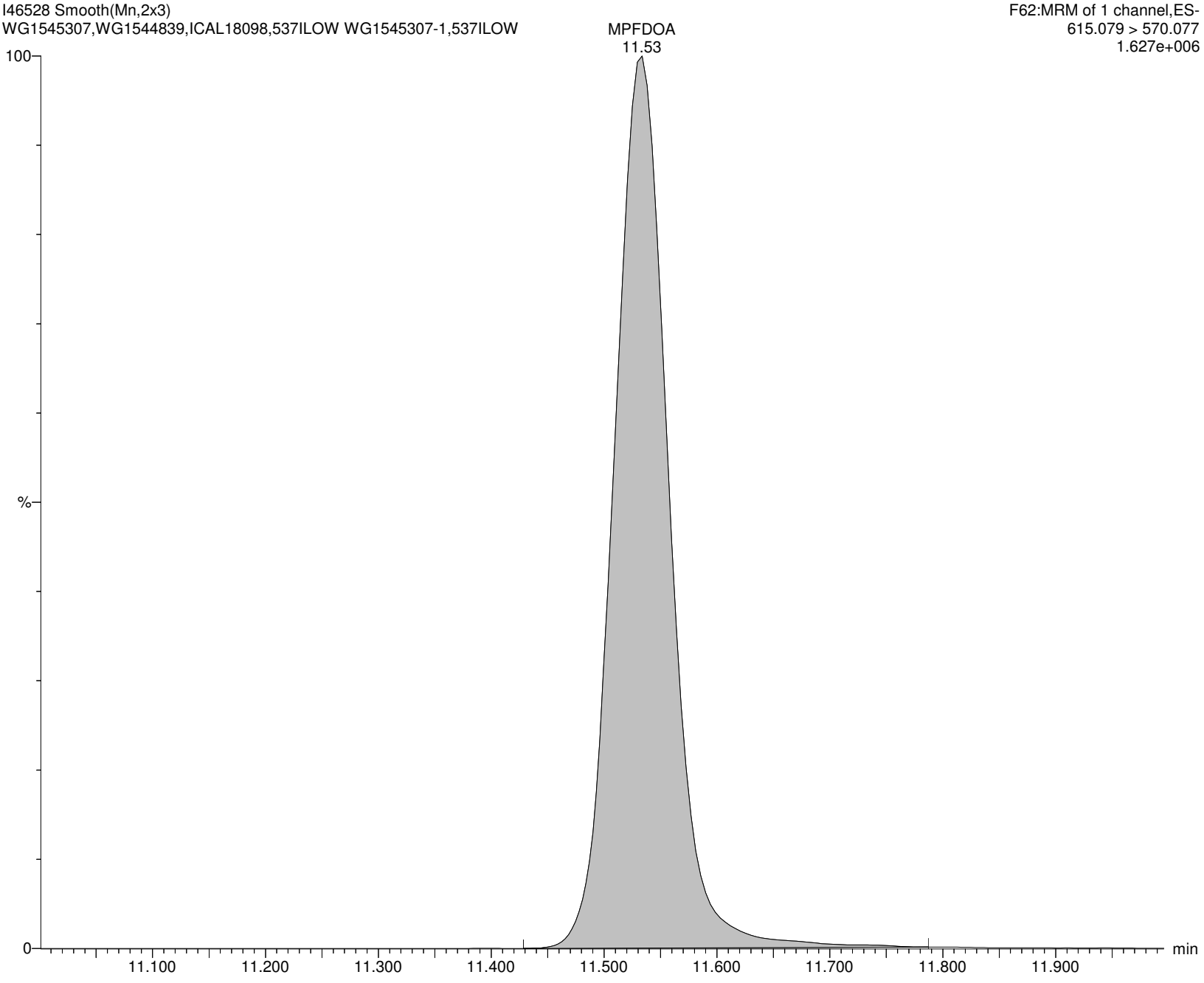


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFDOA

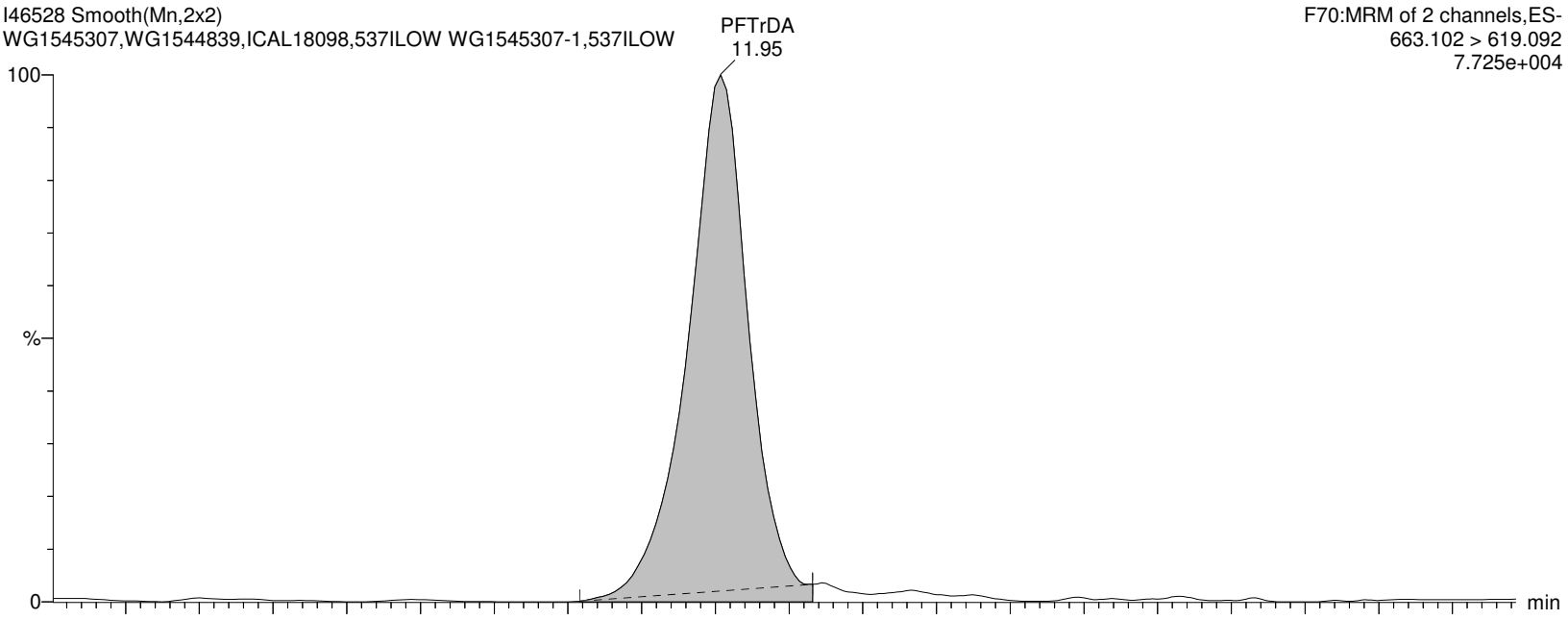


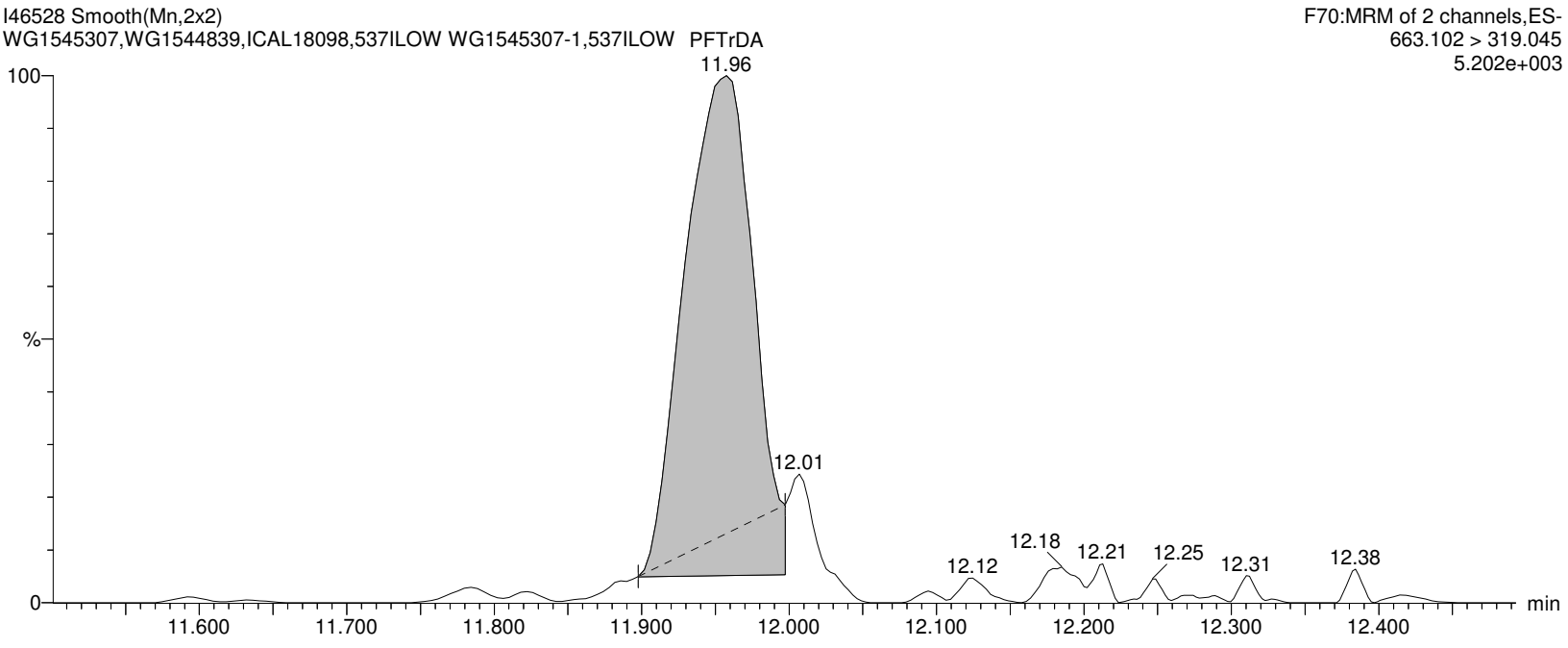
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTrDA



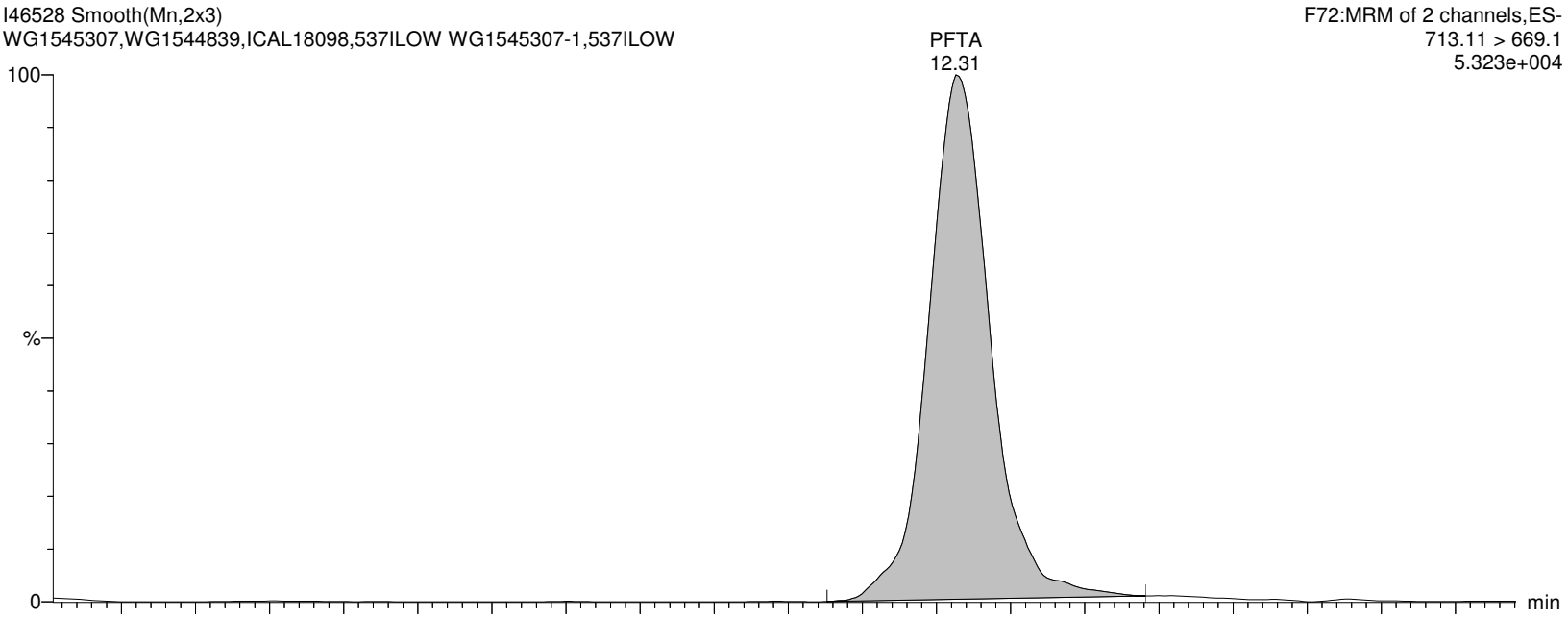


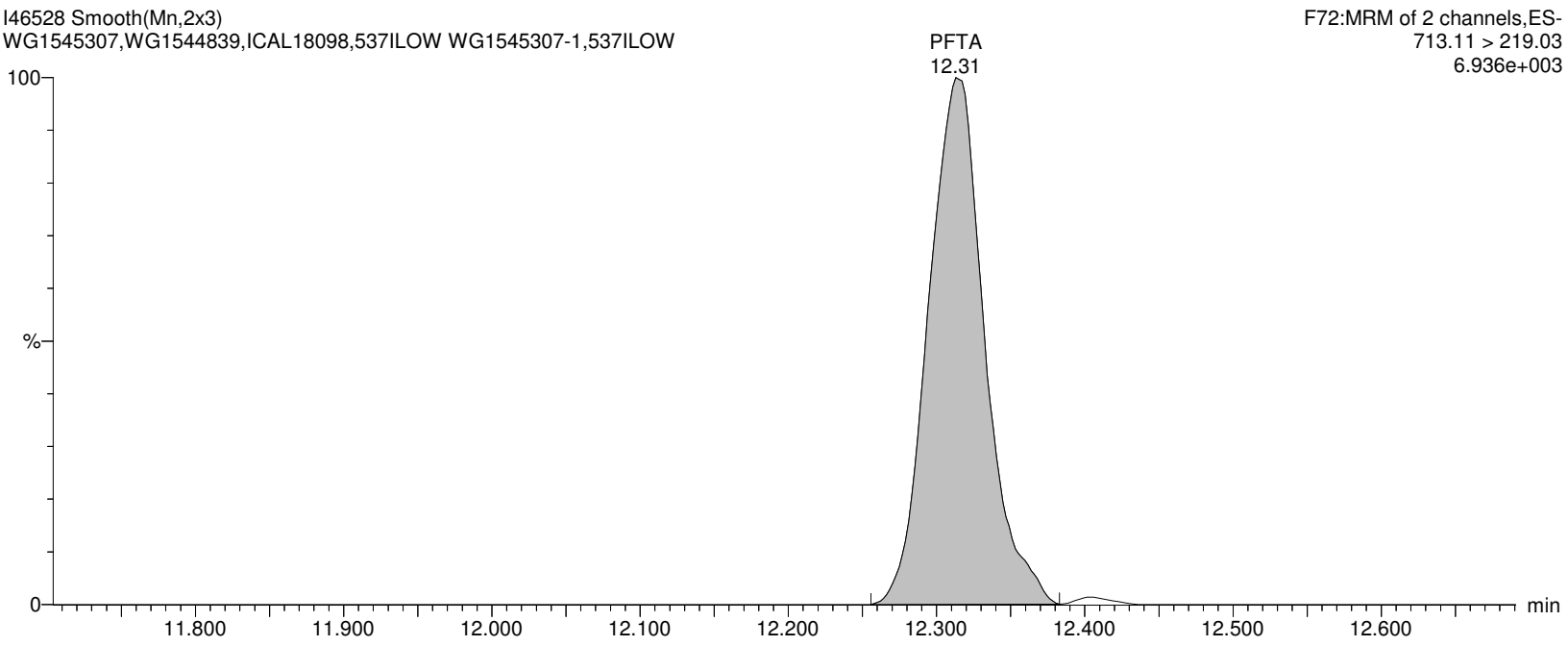
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTA



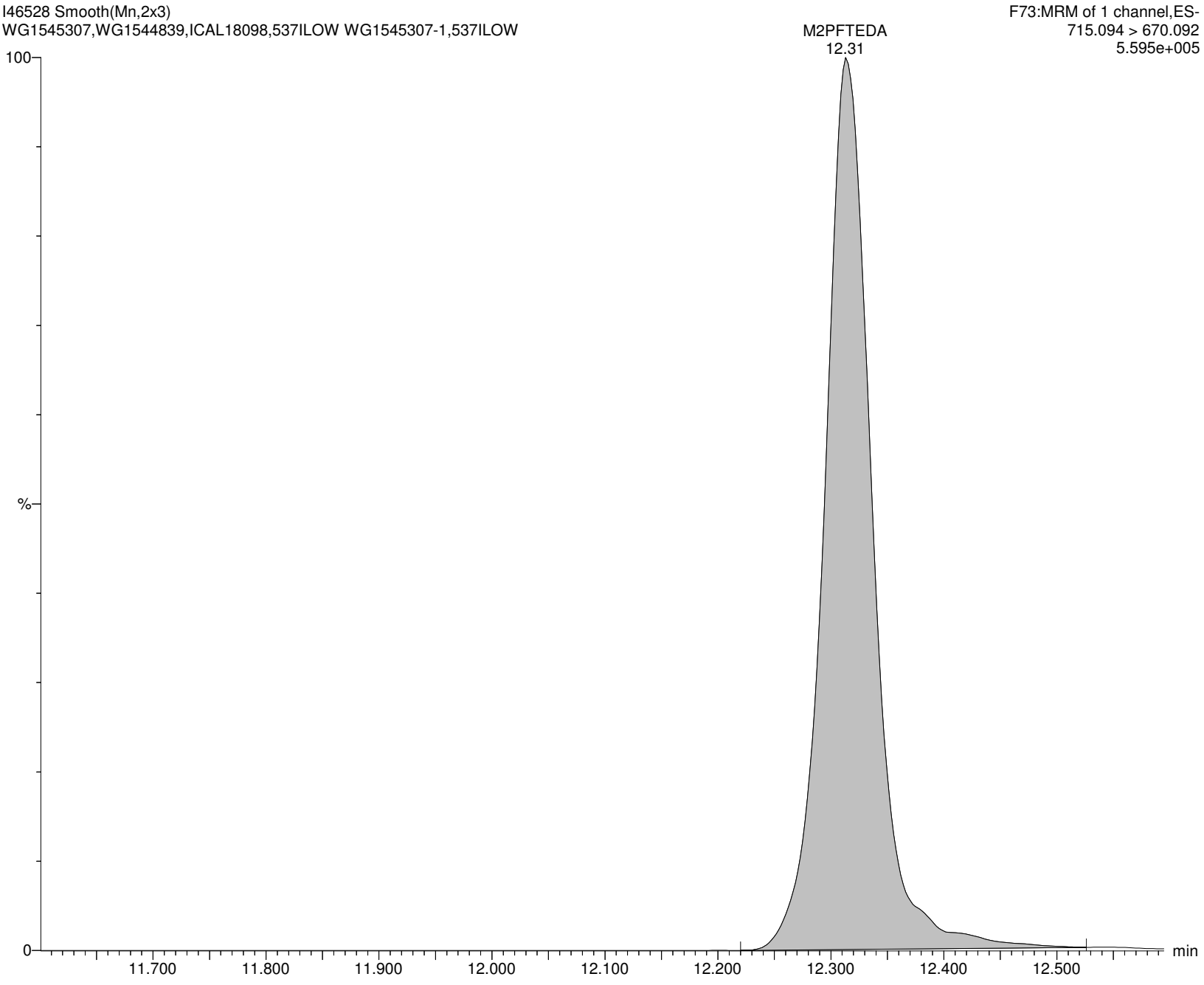


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFTEDA

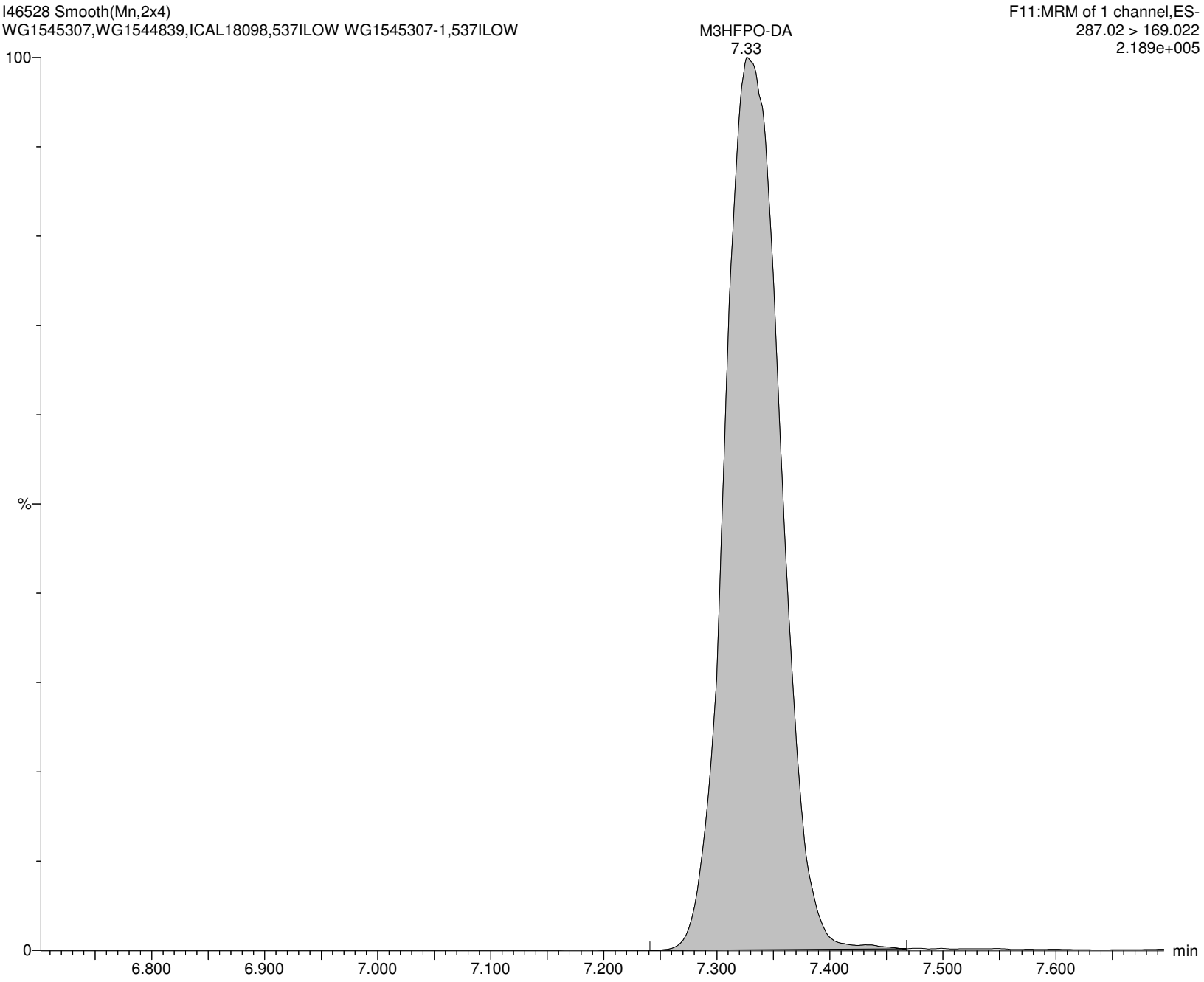


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3HFPO-DA

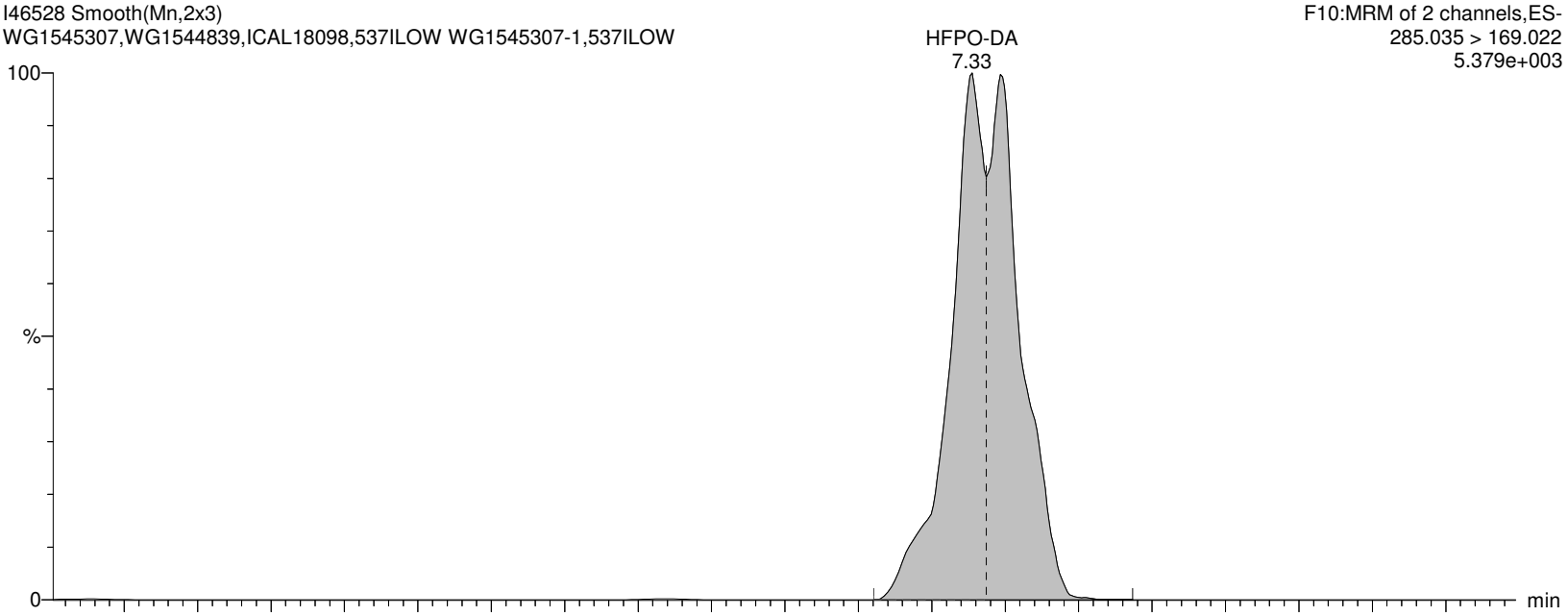


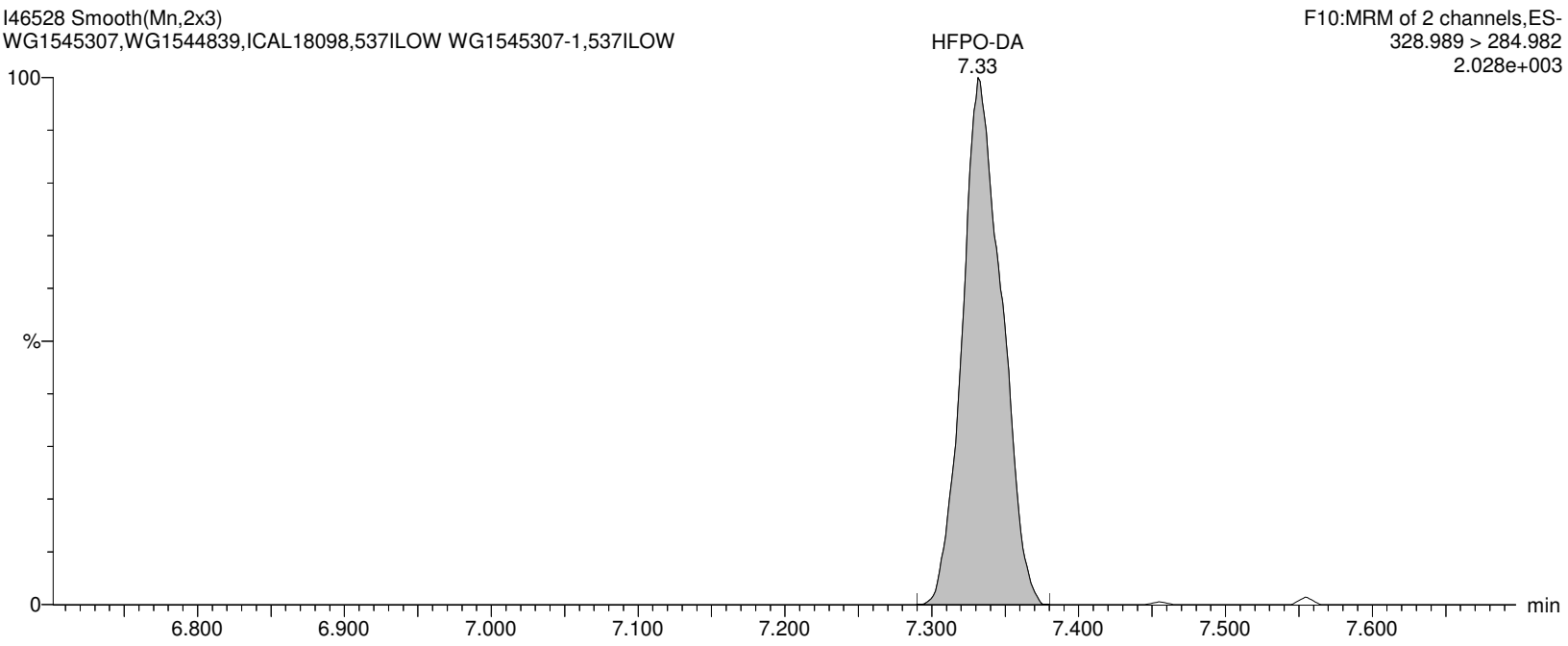
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

HFPO-DA



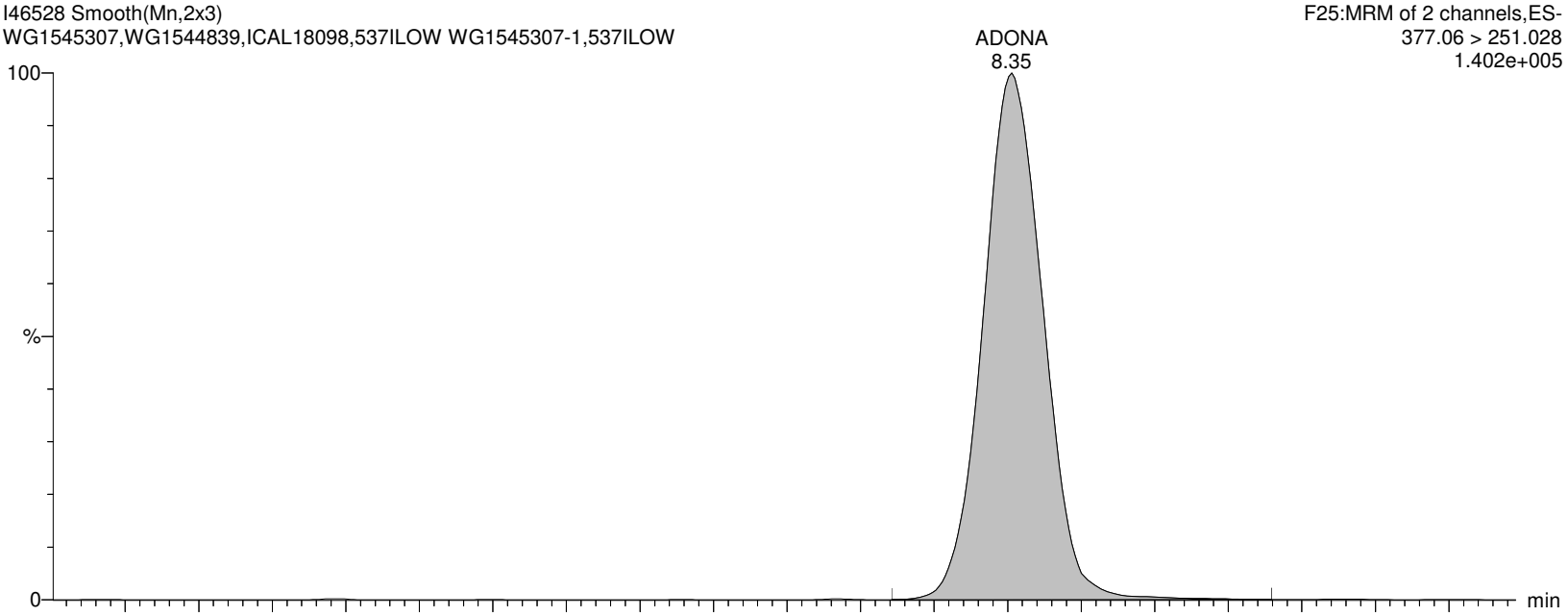


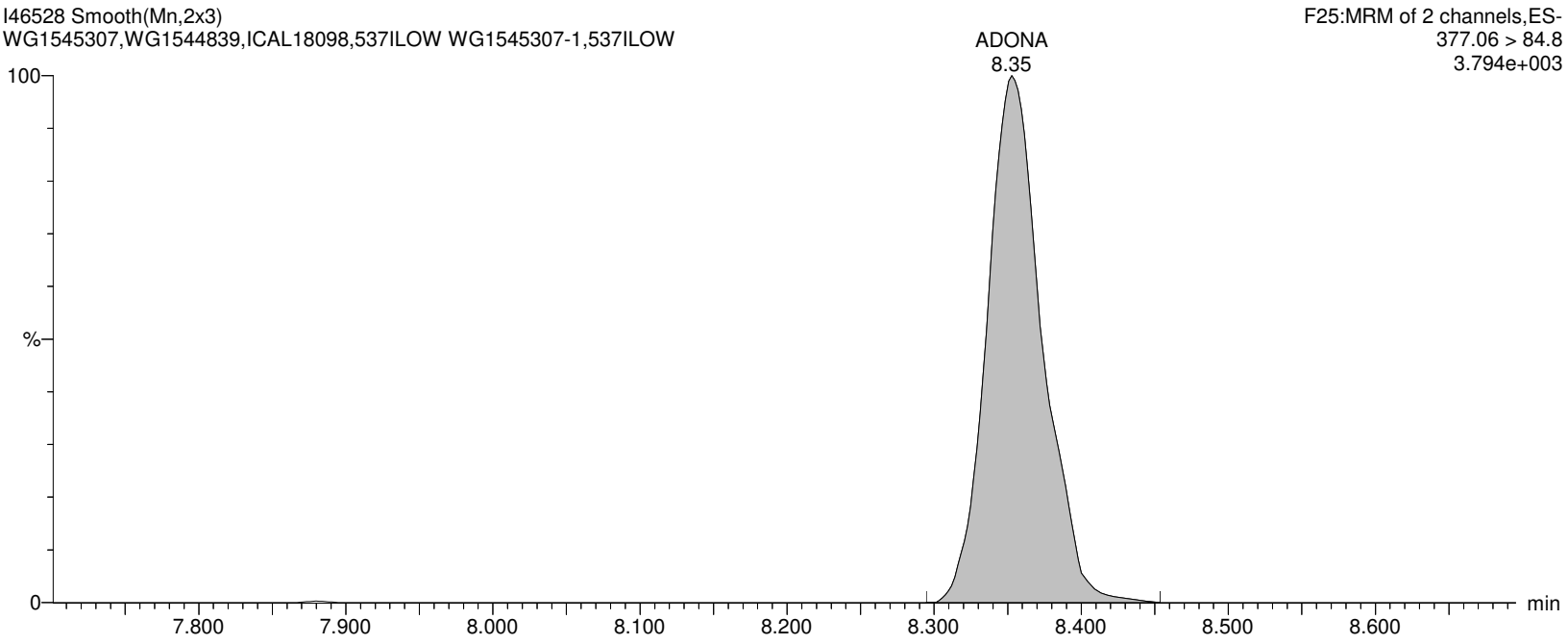
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

ADONA



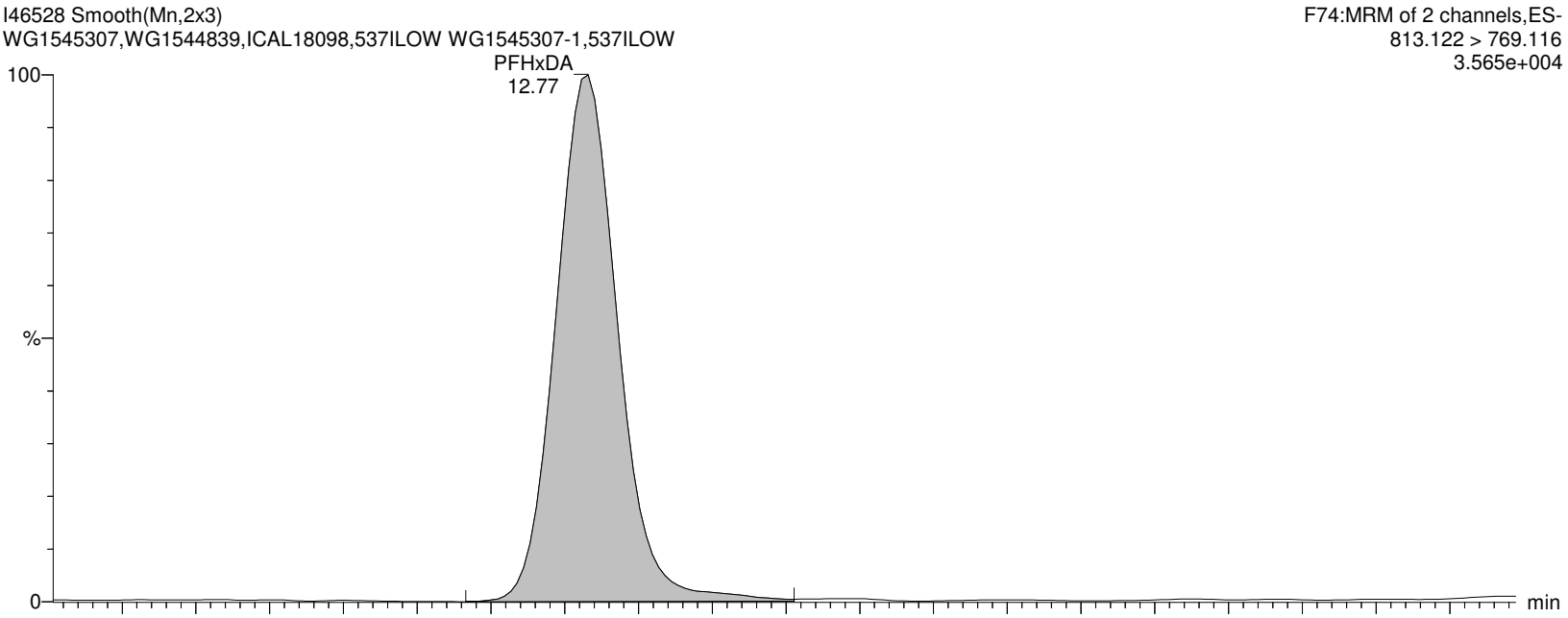


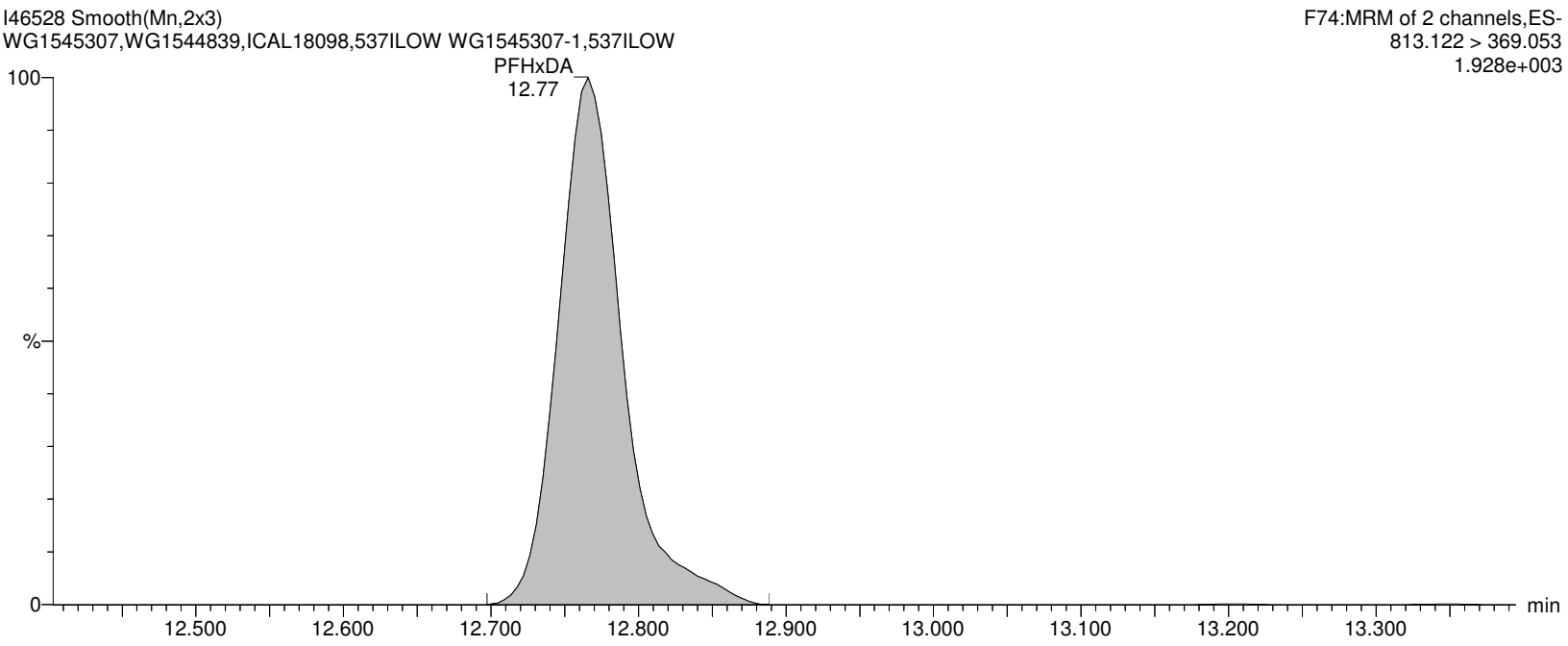
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxDA



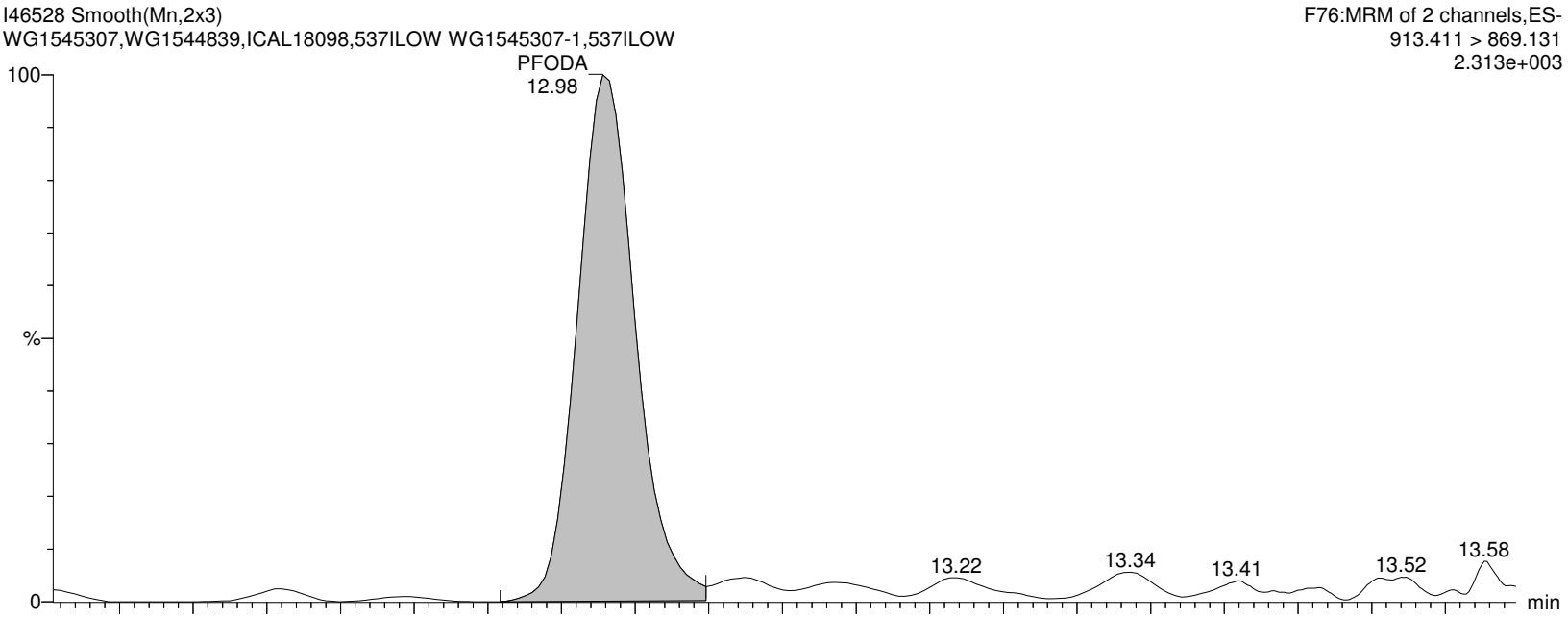


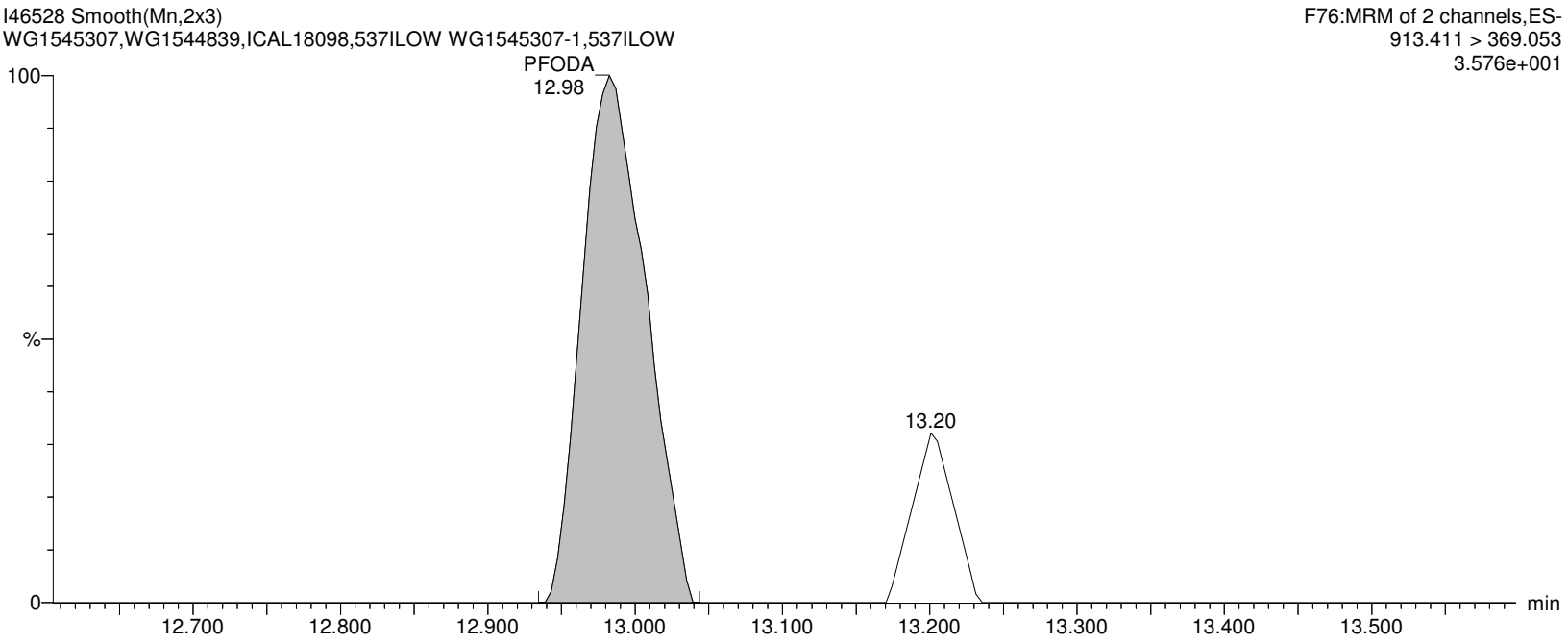
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFODA



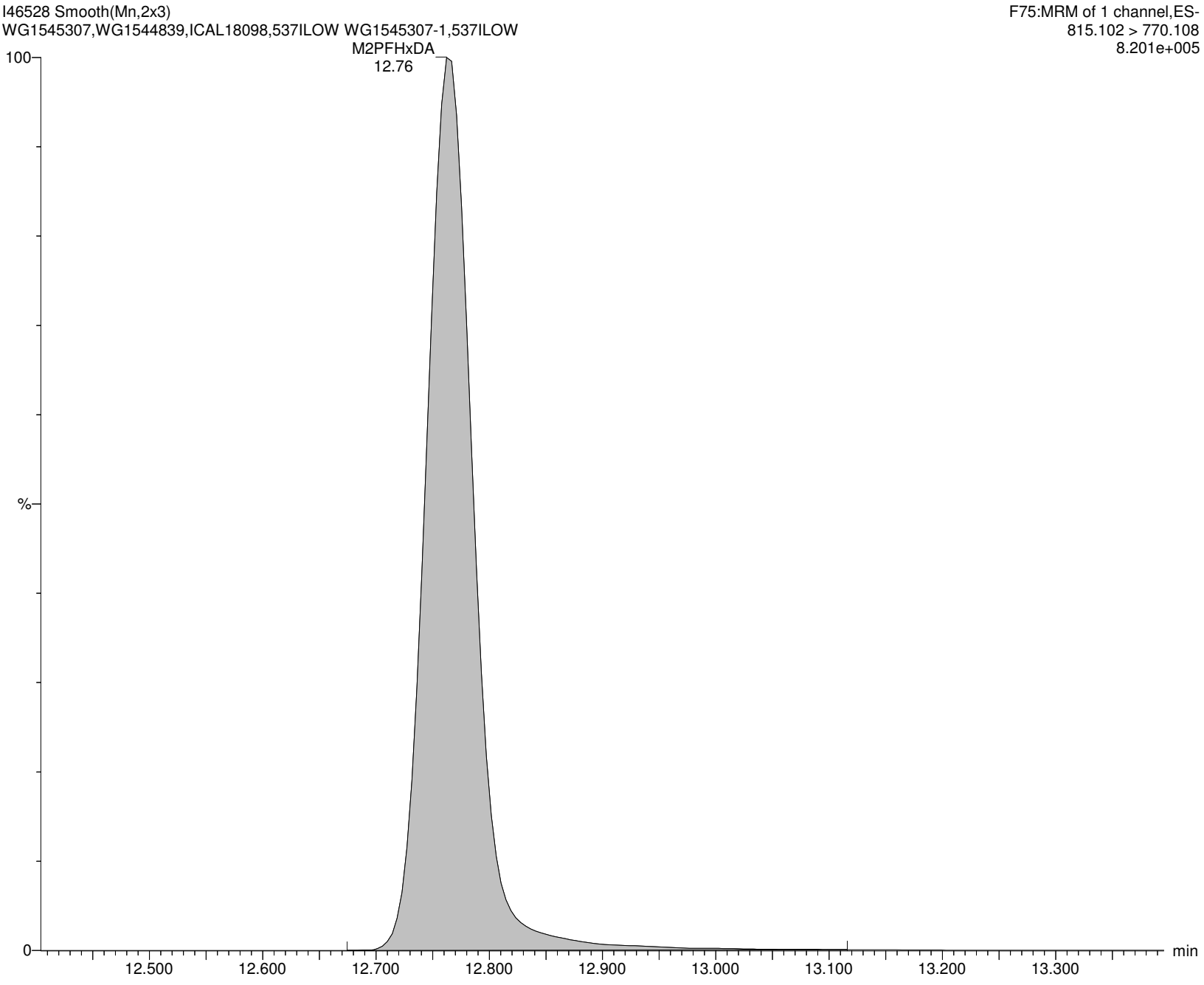


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-1.qld
Last Altered: Saturday, September 11, 2021 13:55:11 Eastern Daylight Time
Printed: Saturday, September 11, 2021 13:55:21 Eastern Daylight Time

Name: I46528
ID: WG1545307-1,537ILOW
Date: 11-Sep-2021
Time: 13:31:59
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFHxDA



all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210911_537.PRO\MethDB\537ISO_Q_210625_TOP_RT2.mdb 03 Sep 2021 08:44:20
Calibration: C:\MassLynx\Data\2021\210911_537.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

ID: WG1545307-2,537IMED
Name: I46543
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:SG
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.11	213.032 > 169.022	117493		10.472		na	104.7
2	M3PFBA	INT STD	2.11	216.009 > 171.999	113210		21.565		na	215.6
3	MPFBA	INT STD	2.11	217.001 > 171.999	126068		10.356		na	103.6
4	PFPeA	2706-90-3	4.97	263.039 > 219.03	113908		10.119		na	101.2
5	M5PFPEA	INT STD	4.97	268.001 > 222.999	119638		8.957		na	89.6
6	PFBS	375-73-5	5.62	299.092 > 80.062	24993		9.286	1.94	NO	104.9
7	M3PFBS	INT STD	5.62	302.069 > 80.062	24775		10.027		na	100.3
8	4:2FTS	757124-72-4	6.78	327.146 > 307.139	9228		10.612	2.43	NO	113.5
9	M2-4:2FTS	INT STD	6.78	329.13 > 309.124	9161		9.253		na	92.5
10	PFHxA	307-24-4	6.86	313.047 > 269.037	138631		10.574	17.06	NO	105.7
11	M5PFHxA	INT STD	6.86	318.009 > 273.007	123557		11.463		na	114.6
12	PFPeS	2706-91-4	7.18	349.1 > 80.062	26708		10.598	2.25	NO	112.7
13	PFHpA	375-85-9	8.13	363.055 > 319.045	185441		10.336	5.66	NO	103.4
14	M4PFHpA	INT STD	8.13	367.025 > 322.022	177322		11.034		na	110.3
15	br-PFHxS	355-46-4	8.06	399.107 > 80.062	5104	M5,M7	2.079	2.29	NO	122.3
16	L-PFHxS	355-46-4	8.29	399.107 > 80.062	24369		7.842	1.67	NO	106.0
17	PFHxS	355-46-4		399.107 > 80.062	29474		9.921		na	
18	M3PFHxS	INT STD	8.29	402.084 > 80.062	28482		10.165		na	101.6
19	br-PFOA	335-67-1		413.063 > 369.053			ND		YES	
20	L-PFOA	335-67-1	9.07	413.063 > 369.053	188064		10.729	8.73	NO	107.3
21	PFOA	335-67-1		413.063 > 369.053	188064		10.729		na	
22	M8PFOA	INT STD	9.07	421.002 > 376.	181903		10.164		na	101.6
23	M2PFOA	INT STD	9.07	415.048 > 370.045	176280		16.644		na	166.4
24	6:2FTS	27619-97-2	9.03	427.161 > 407.155	9026		10.804	3.61	NO	113.7
25	M2-6:2FTS	INT STD	9.03	429.146 > 409.14	8732		8.590		na	85.9
26	PFHpS	375-92-8	9.16	449.115 > 80.062	19989		10.349	1.16	NO	108.9
27	PFNA	375-95-1	9.83	463.071 > 419.061	139878		10.105	3.71	NO	101.0
28	M9PFNA	INT STD	9.83	472.002 > 427.	55419		10.780		na	107.8
29	br-PFOS	1763-23-1	9.70	499.123 > 80.062	6948	M5,M7	2.320	4.31	NO	116.0
30	L-PFOS	1763-23-1	9.88	499.123 > 80.062	19429		8.122	1.74	NO	111.3
31	PFOS	1763-23-1		499.123 > 80.062	26376		10.442		na	
32	M4PFOS	INT STD	9.88	503.093 > 80.062	22395		19.786		na	197.9
33	M8PFOS	INT STD	9.88	507.062 > 80.062	26959		10.743		na	107.4
34	PFDA	335-76-2	10.46	513.078 > 469.069	128007		10.190	5.50	NO	101.9
35	M2PFDA	INT STD	10.46	515.053 > 469.934	104714		17.166		na	171.7
36	M6PFDA	INT STD	10.46	519.033 > 474.03	126242		10.621		na	106.2
37	8:2FTS	39108-34-4	10.45	527.177 > 507.171	3924		10.454	4.37	NO	108.9
38	M2-8:2FTS	INT STD	10.45	529.162 > 509.155	5971		7.991		na	79.9
39	PFNS	68259-12-1	10.49	549.131 > 80.062	22462		10.785	1.45	NO	112.3

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

ID: WG1545307-2,537IMED
Name: I46543
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:SG
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.85	573.22 > 419.061	10618		9.478		na	94.8
41	br-NMeFOSAA		10.69	570.202 > 419.061	1118	M5,M7	2.694	1.35	NO	112.2
42	L-NMeFOSAA		10.86	570.202 > 419.061	9668		8.359	2.50	NO	110.0
43	NMeFOSAA	2355-31-9		570.202 > 419.061	10786		11.052		na	
44	PFUnA	2058-94-8	11.01	563.086 > 519.076	119563		10.464	10.05	NO	104.6
45	M7-PFUDA	INT STD	11.01	570.033 > 525.031	113270		10.219		na	102.2
46	PFDS	335-77-3	11.02	599.139 > 80.062	23674		10.579	1.65	NO	109.6
47	FOSA	754-91-6	10.94	498.146 > 78.07	67532		10.102	125.63	NO	101.0
48	M8FOSA	INT STD	10.93	506.077 > 78.07	78086		12.135		na	121.3
49	br-NEtFOSAA		11.00	584.229 > 419.061	803	M5,M7	2.651	0.68	NO	117.8
50	L-NEtFOSAA		11.15	584.229 > 419.061	6865		7.667	1.12	NO	98.9
51	NEtFOSAA	2991-50-6		584.229 > 419.061	7668		10.317		na	
52	d5-NEtFOSAA	INT STD	11.15	589.259 > 419.061	9077		9.805		na	98.0
53	PFDoA	307-55-1	11.48	613.094 > 569.084	113661		10.230	19.81	NO	102.3
54	MPFDOA	INT STD	11.48	615.079 > 570.077	105804		9.894		na	98.9
55	PFTrDA	72629-94-8	11.90	663.102 > 619.092	90803		11.761	10.46	NO	117.6
56	PFTA	376-06-7	12.27	713.11 > 669.1	58541		10.628	8.52	NO	106.3
57	M2PFTEDA	INT STD	12.26	715.094 > 670.092	28290		8.434		na	84.3
58	M3HFPO-DA	INT STD	7.30	287.02 > 169.022	11478		230.141		na	115.1
59	HFPO-DA	13252-13-6	7.29	285.035 > 169.022	6627		118.920	2.74	NO	118.9
60	ADONA	958445-44-8	8.31	377.06 > 251.028	156281		10.819	37.29	NO	114.3
61	PFHxDA		12.74	813.122 > 769.116	30414		11.604	20.54	NO	116.0
62	PFODA		12.97	913.411 > 869.131	1990		6.202	21.93	NO	62.0
63	M2PFHxDA		12.74	815.102 > 770.108	39643		8.069		na	80.7

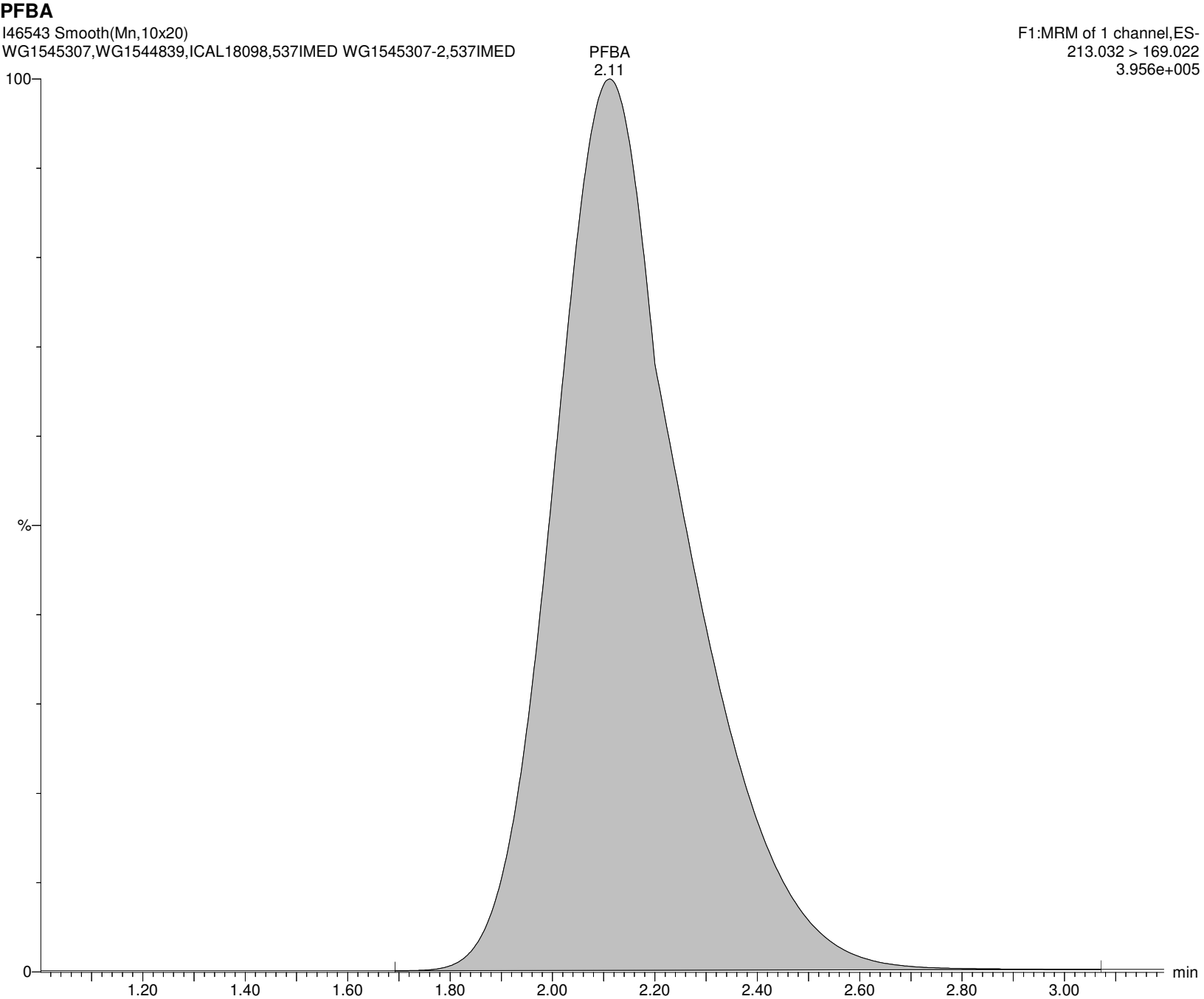
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210911_537.PRO\MethDB\537ISO_Q_210625_TOP_RT2.mdb 03 Sep 2021 08:44:20
Calibration: C:\MassLynx\Data\2021\210911_537.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBA

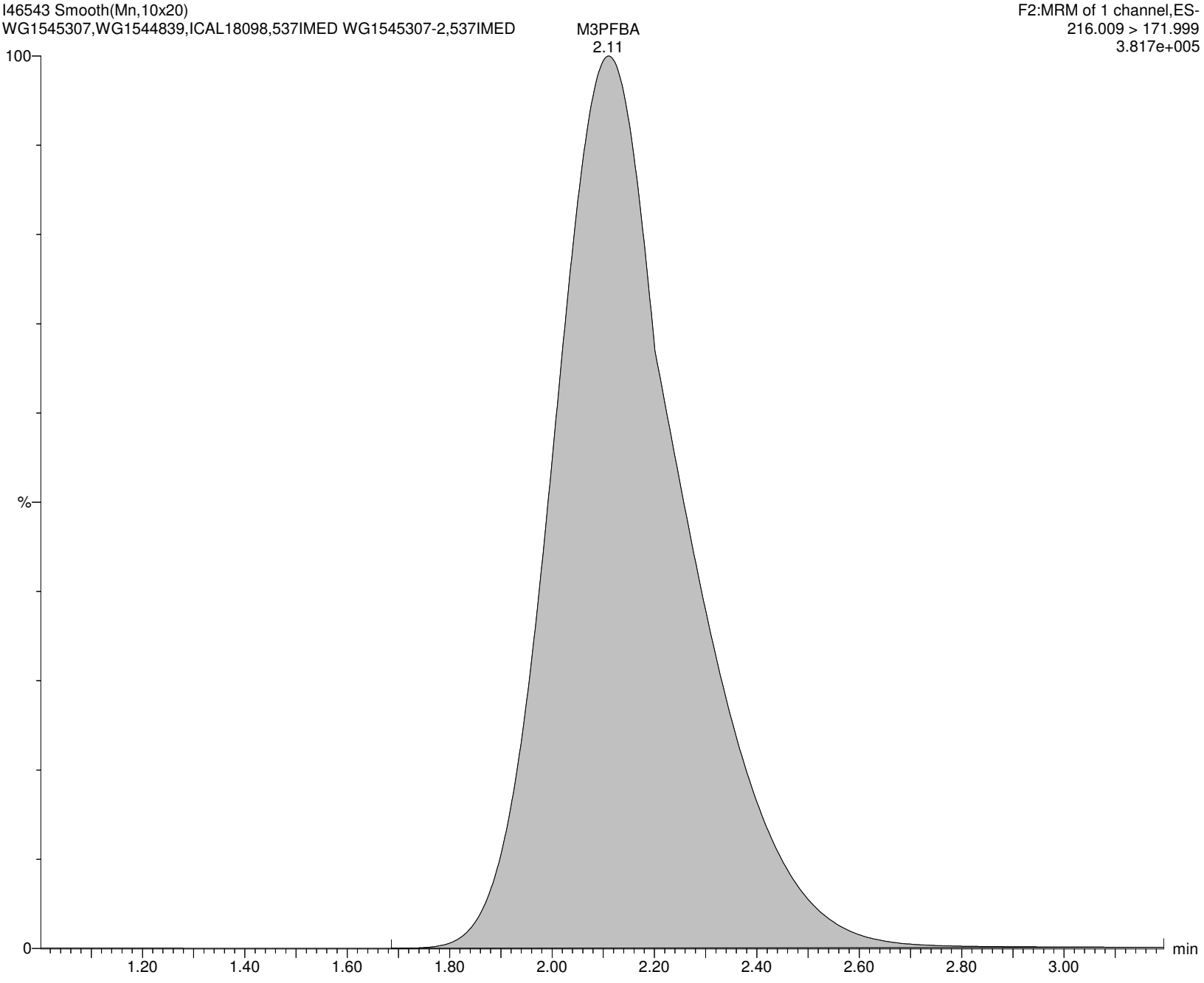


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBA

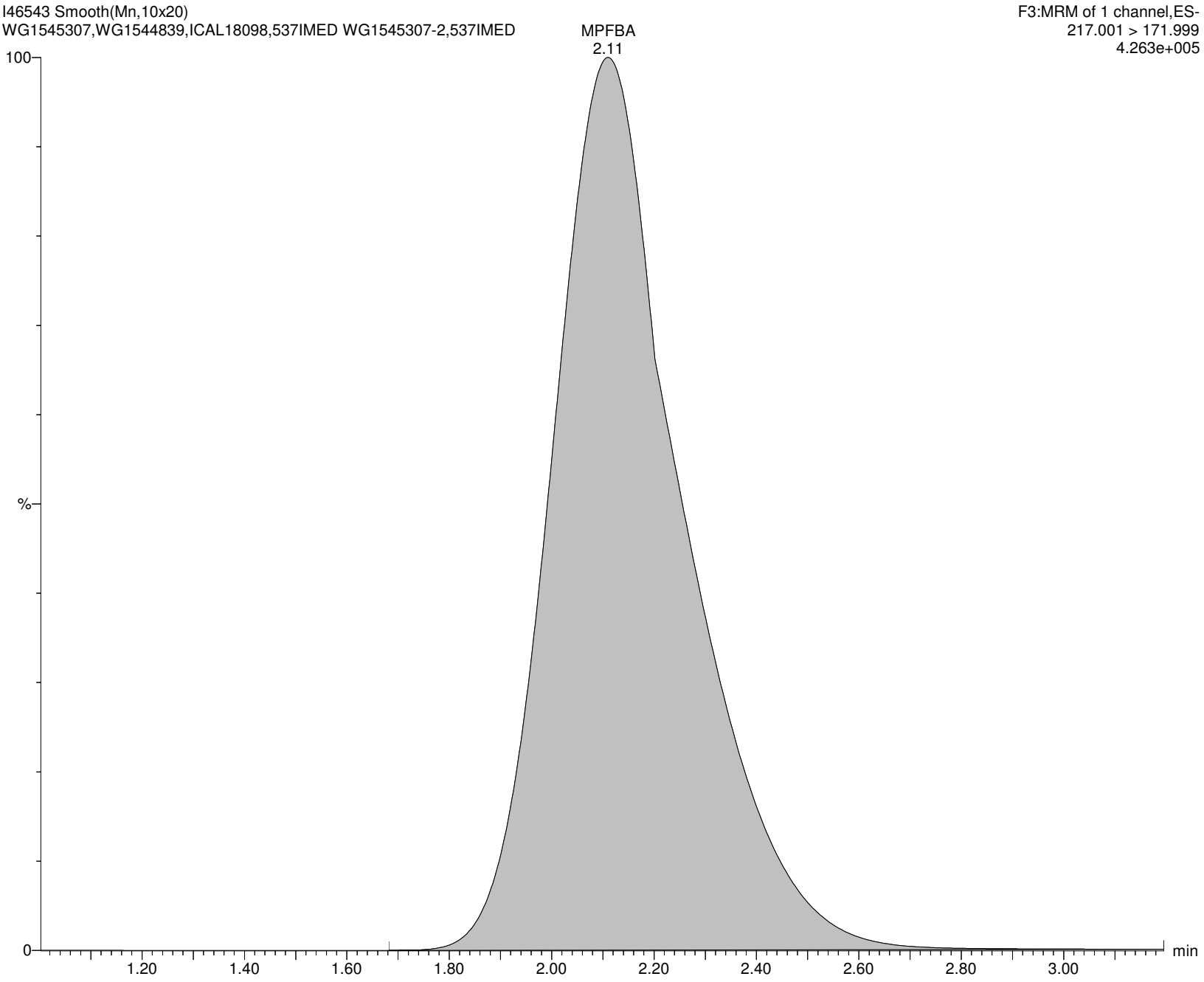


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFBA

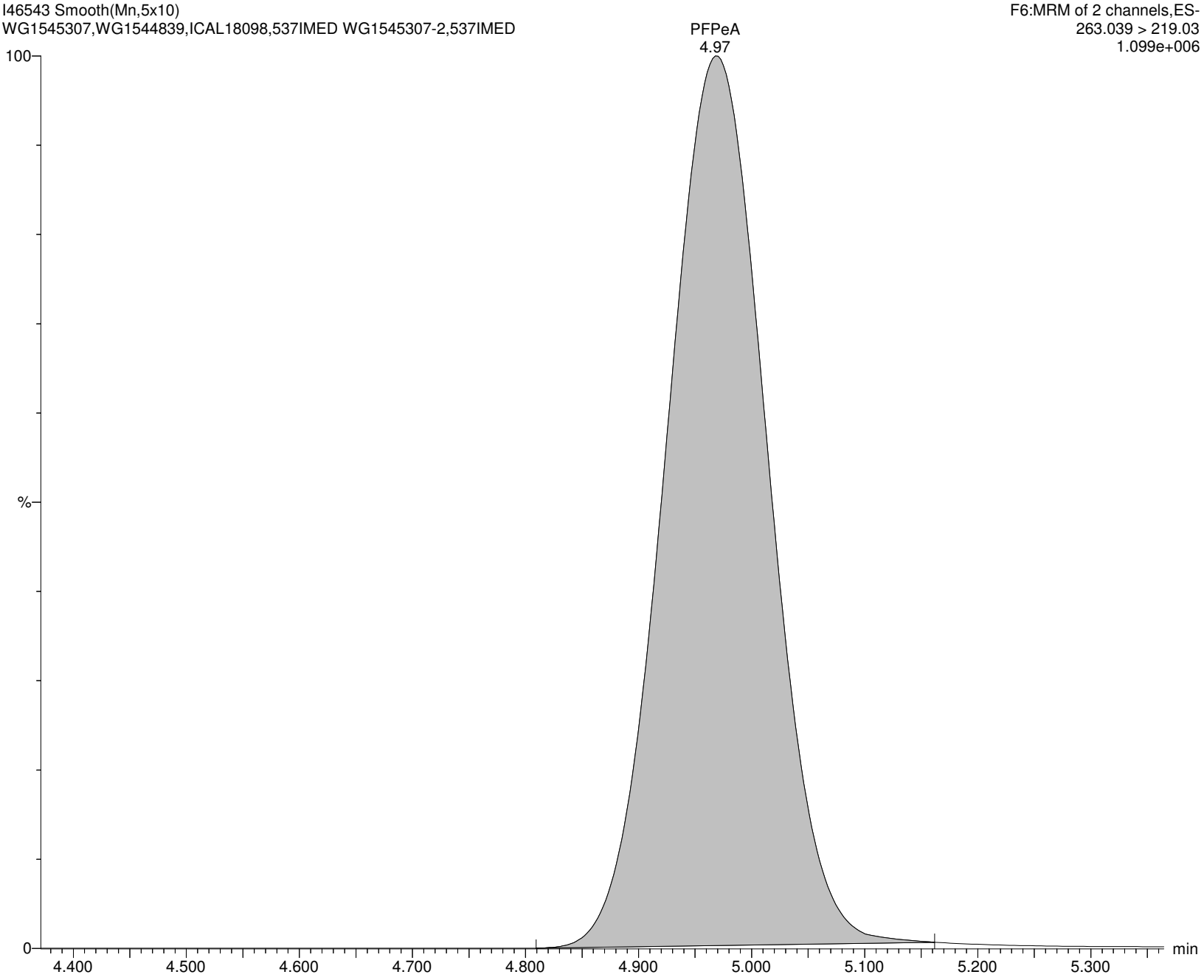


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeA

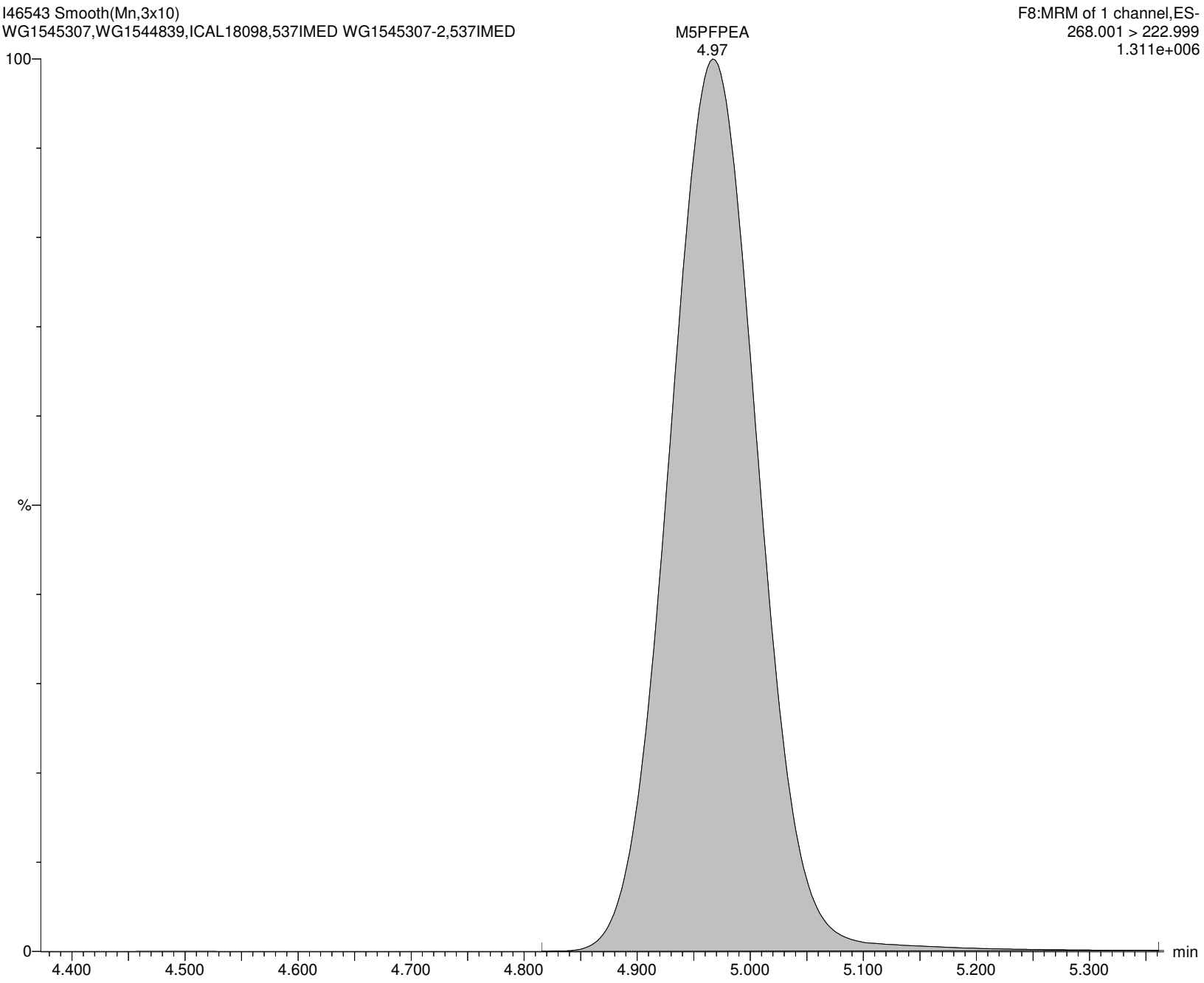


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFPEA

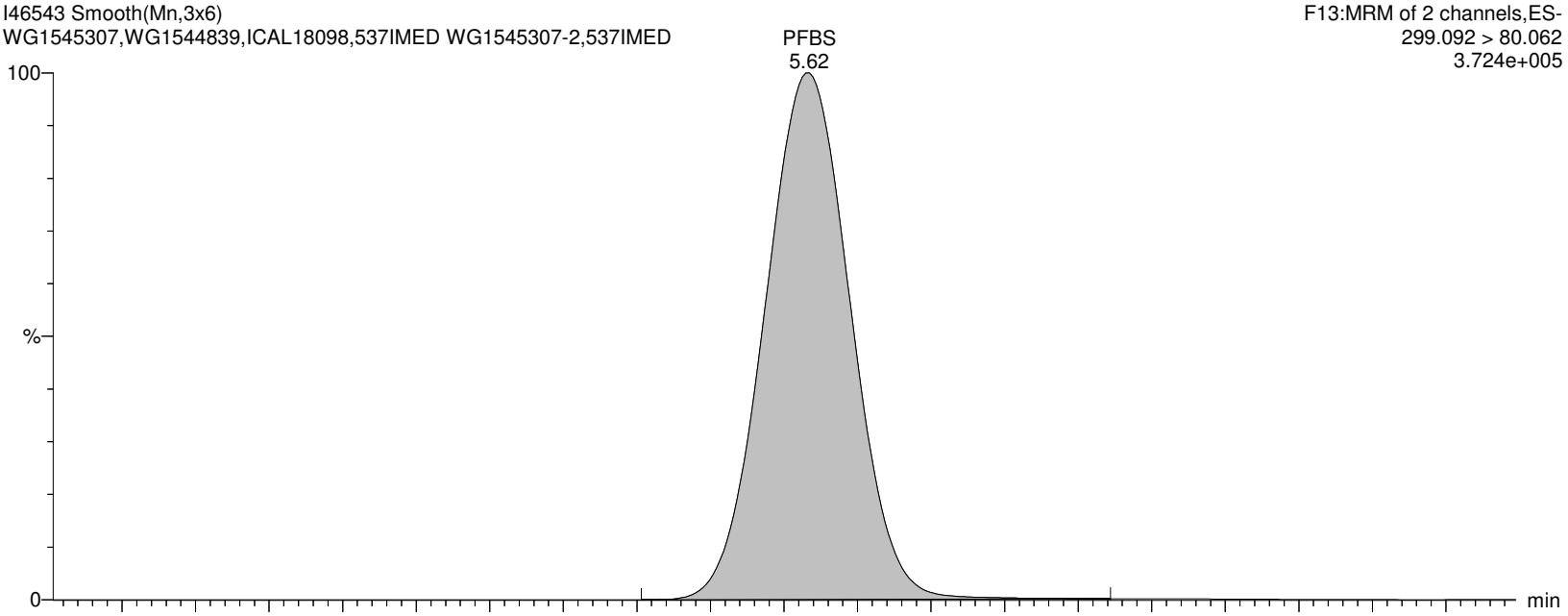


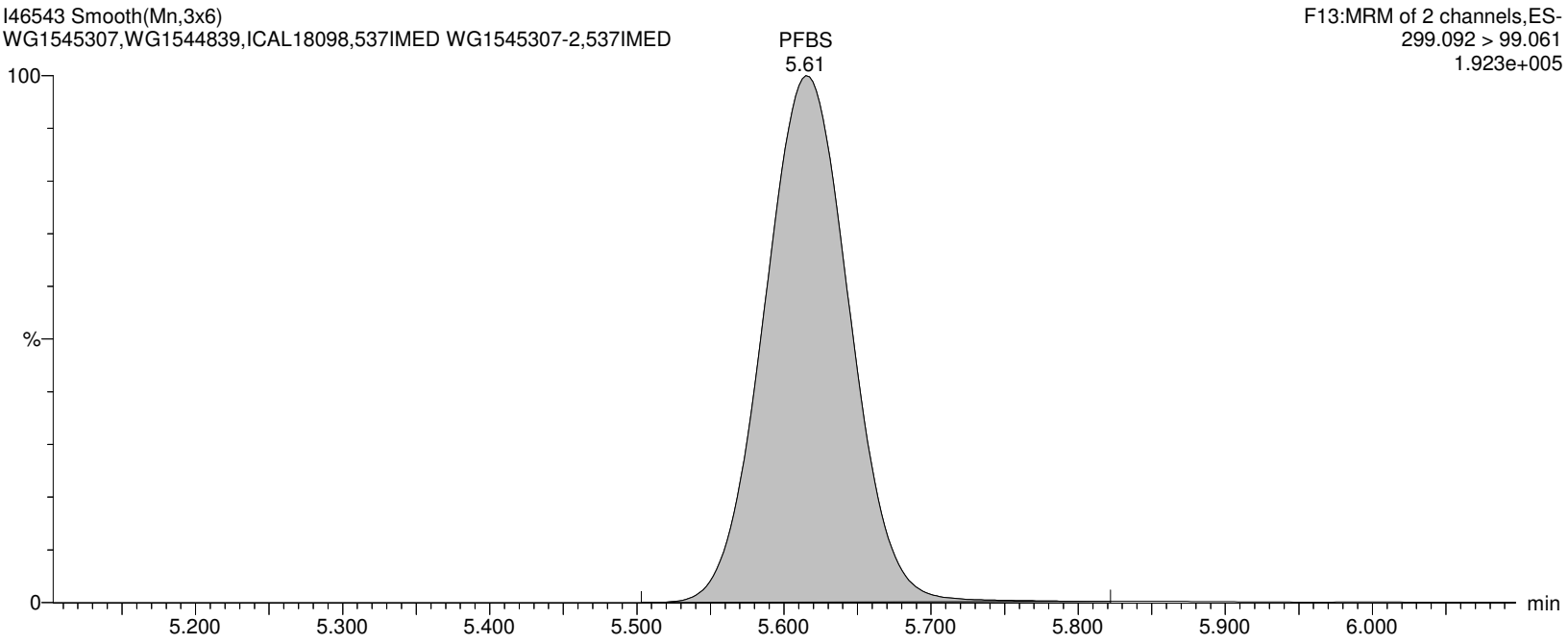
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBS



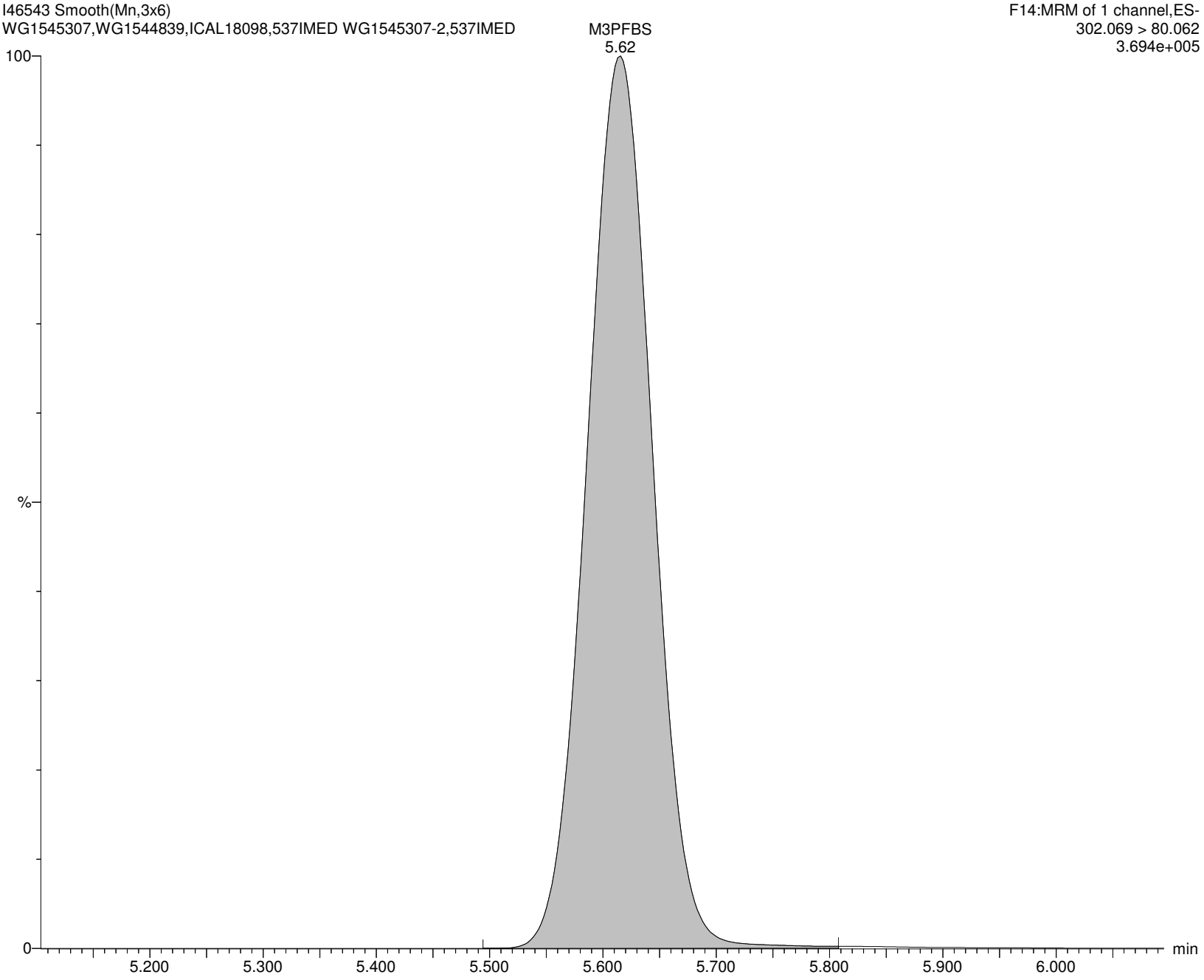


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBS

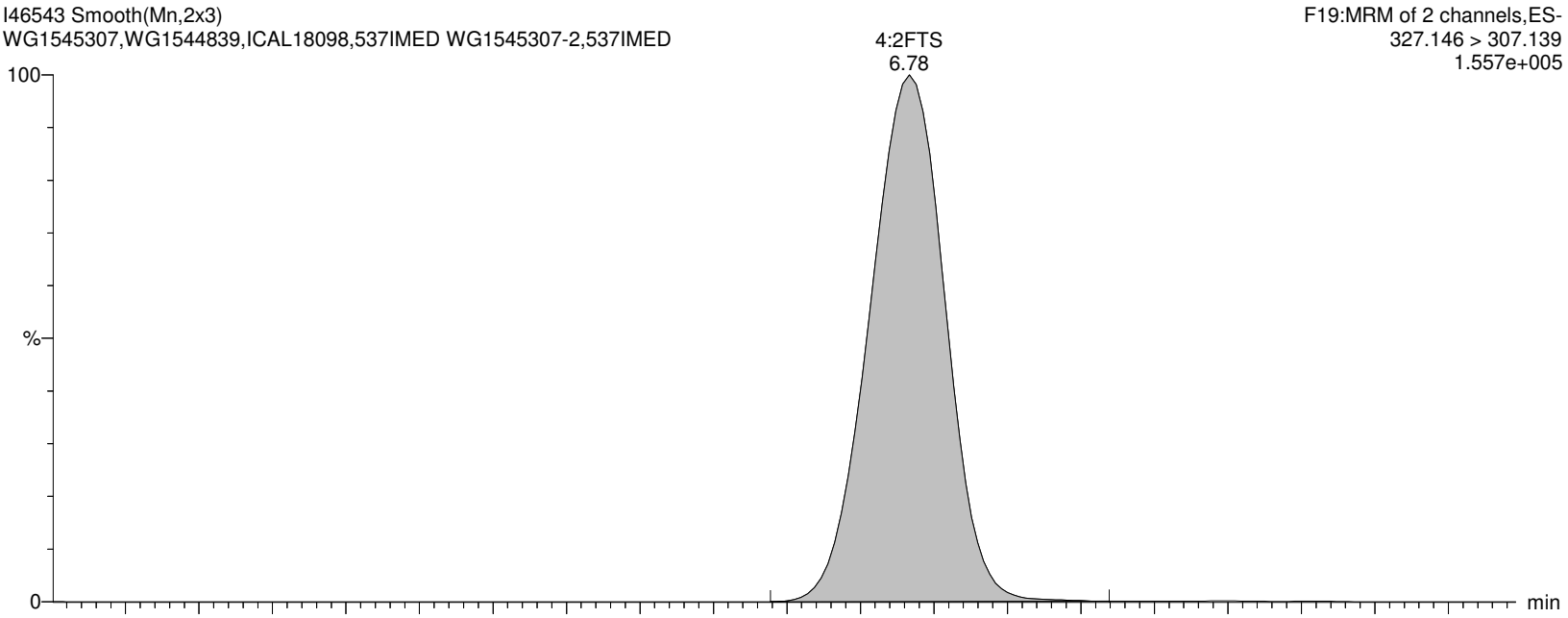


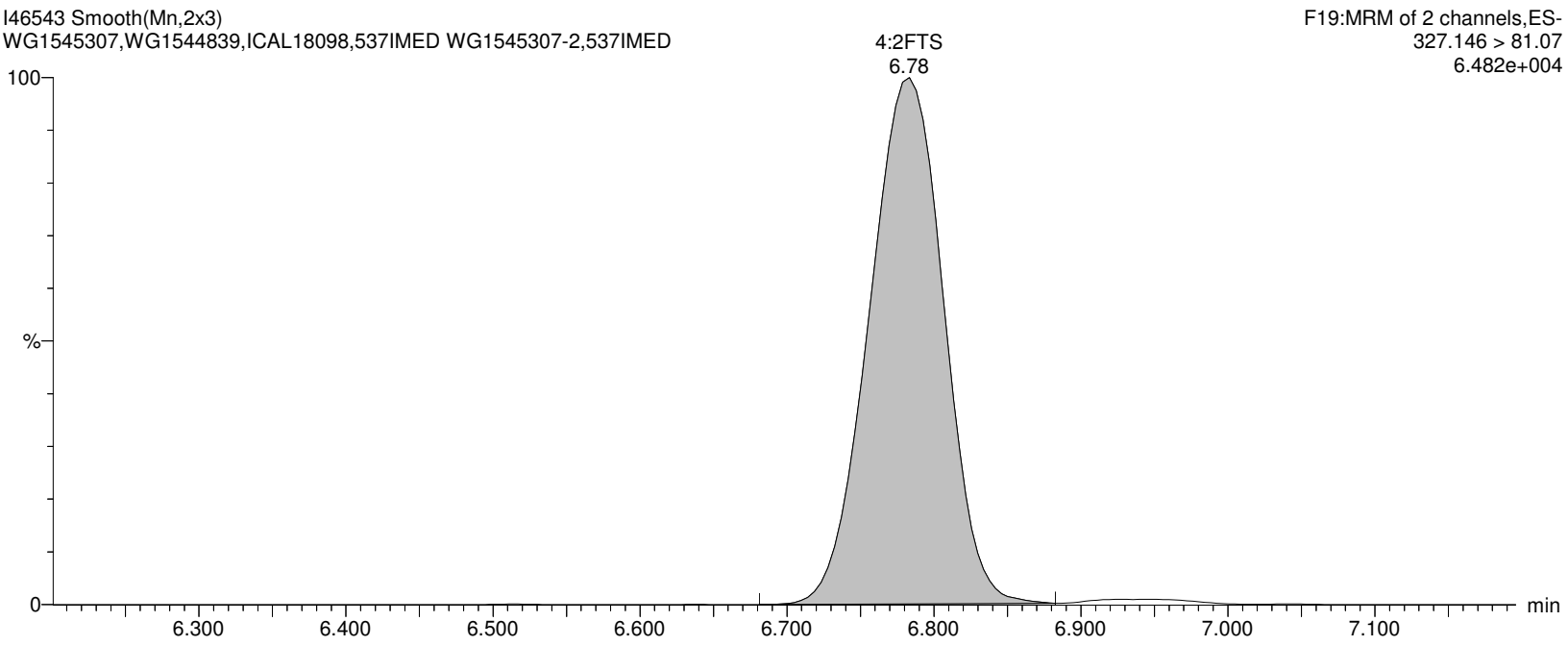
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

4:2FTS



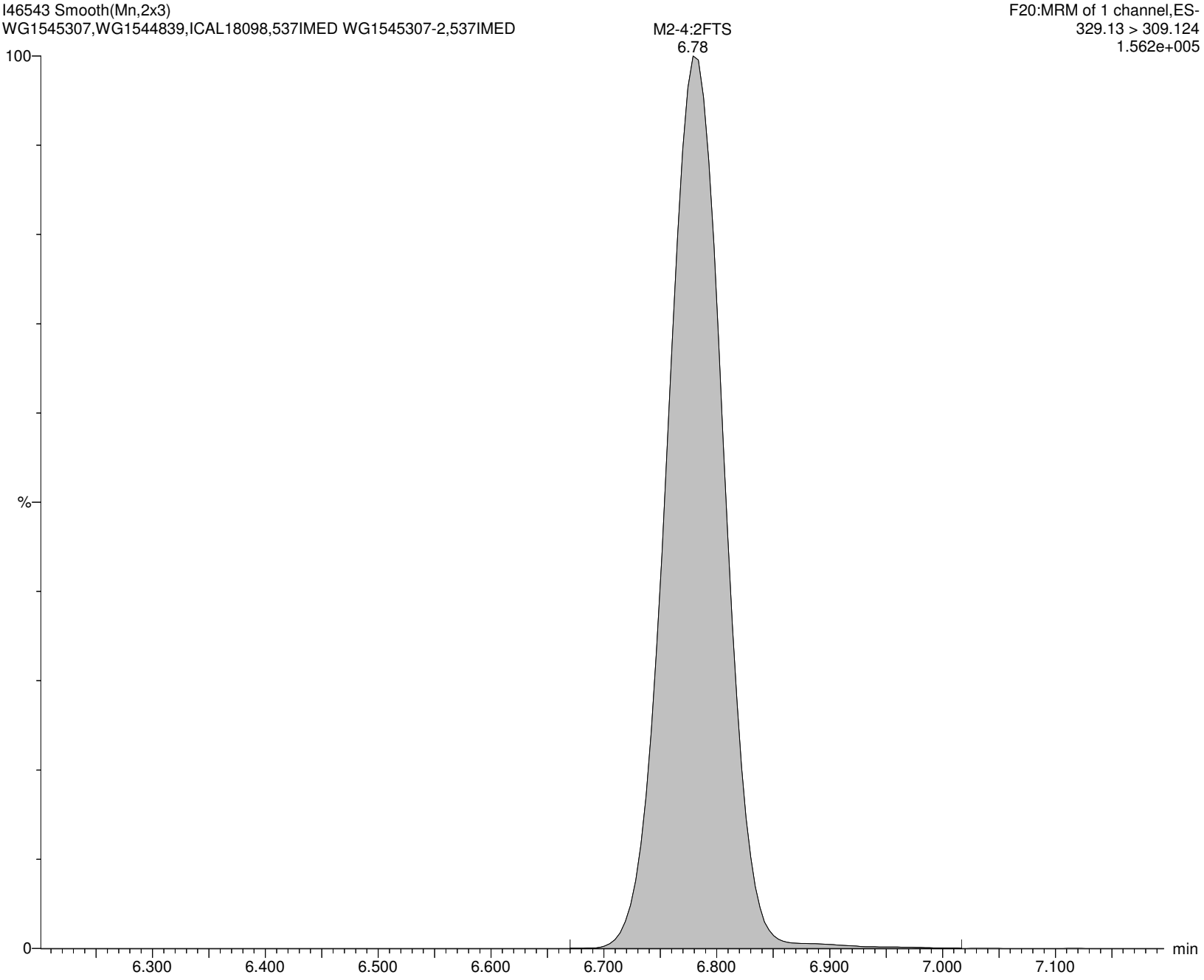


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-4:2FTS

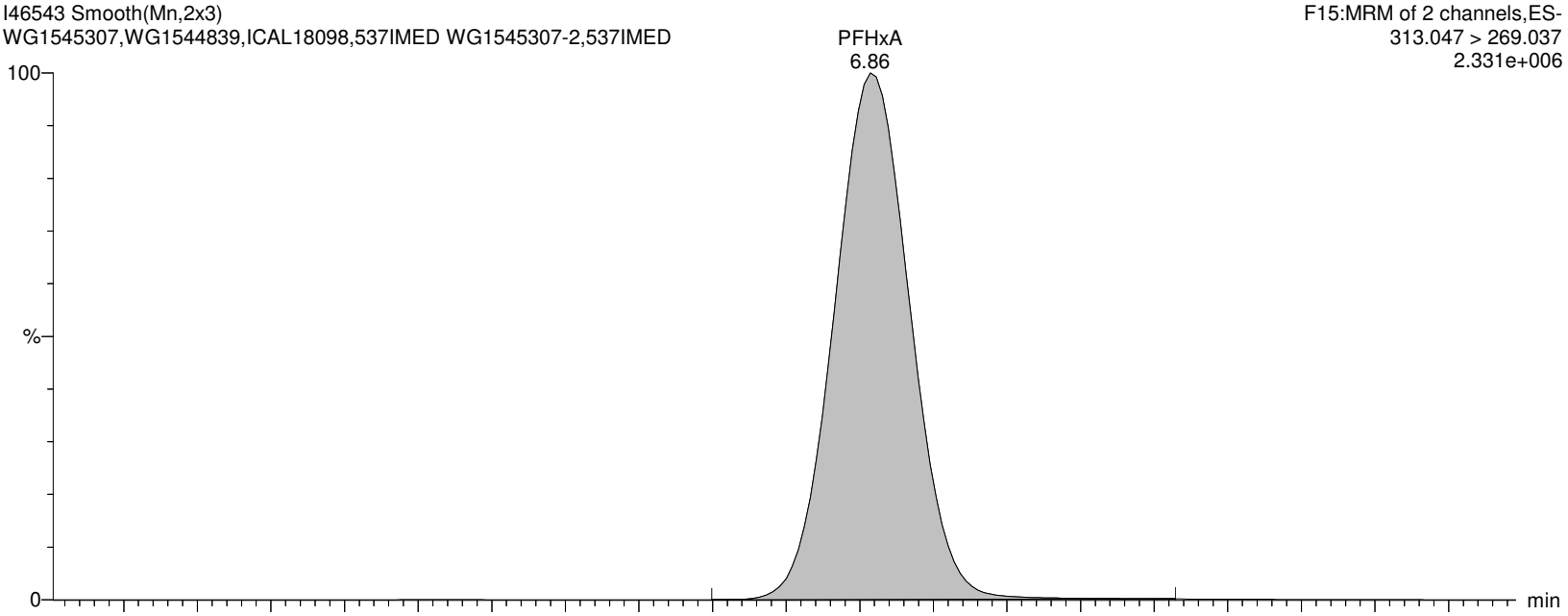


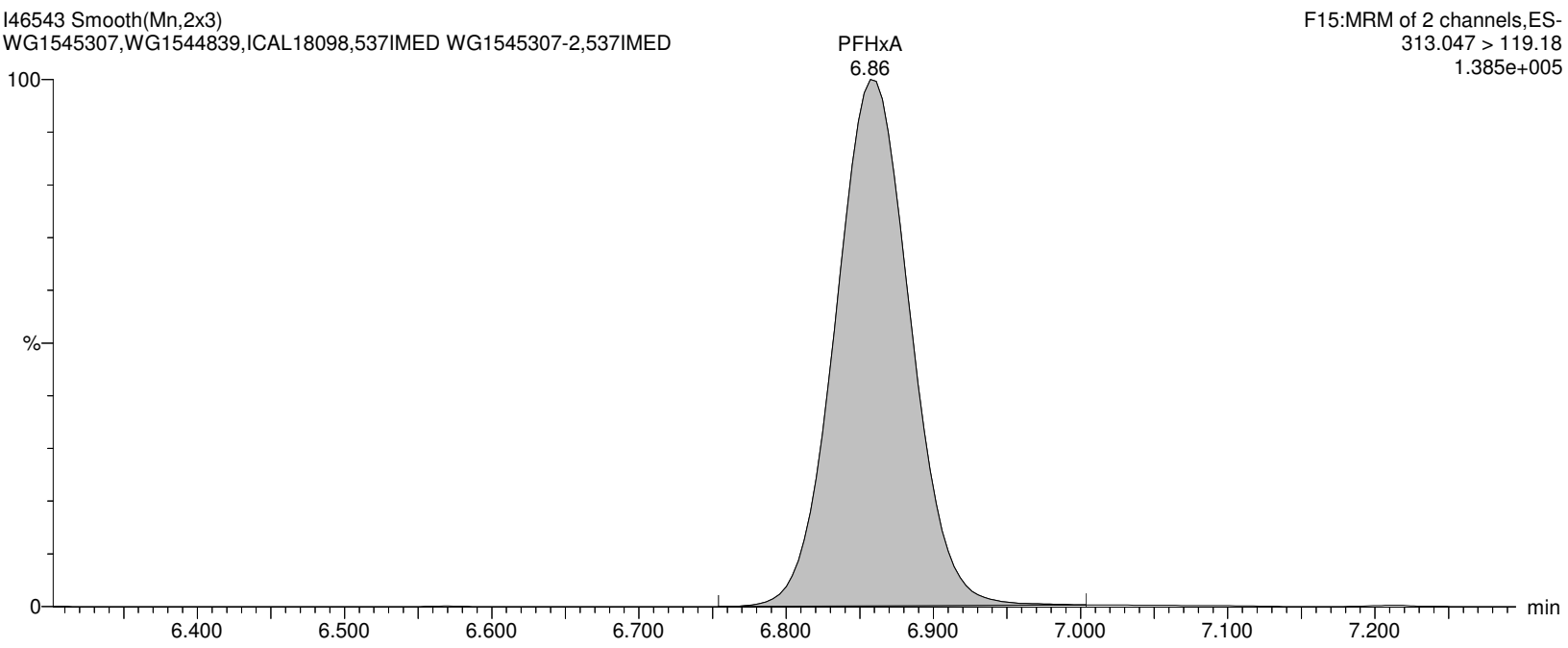
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxA



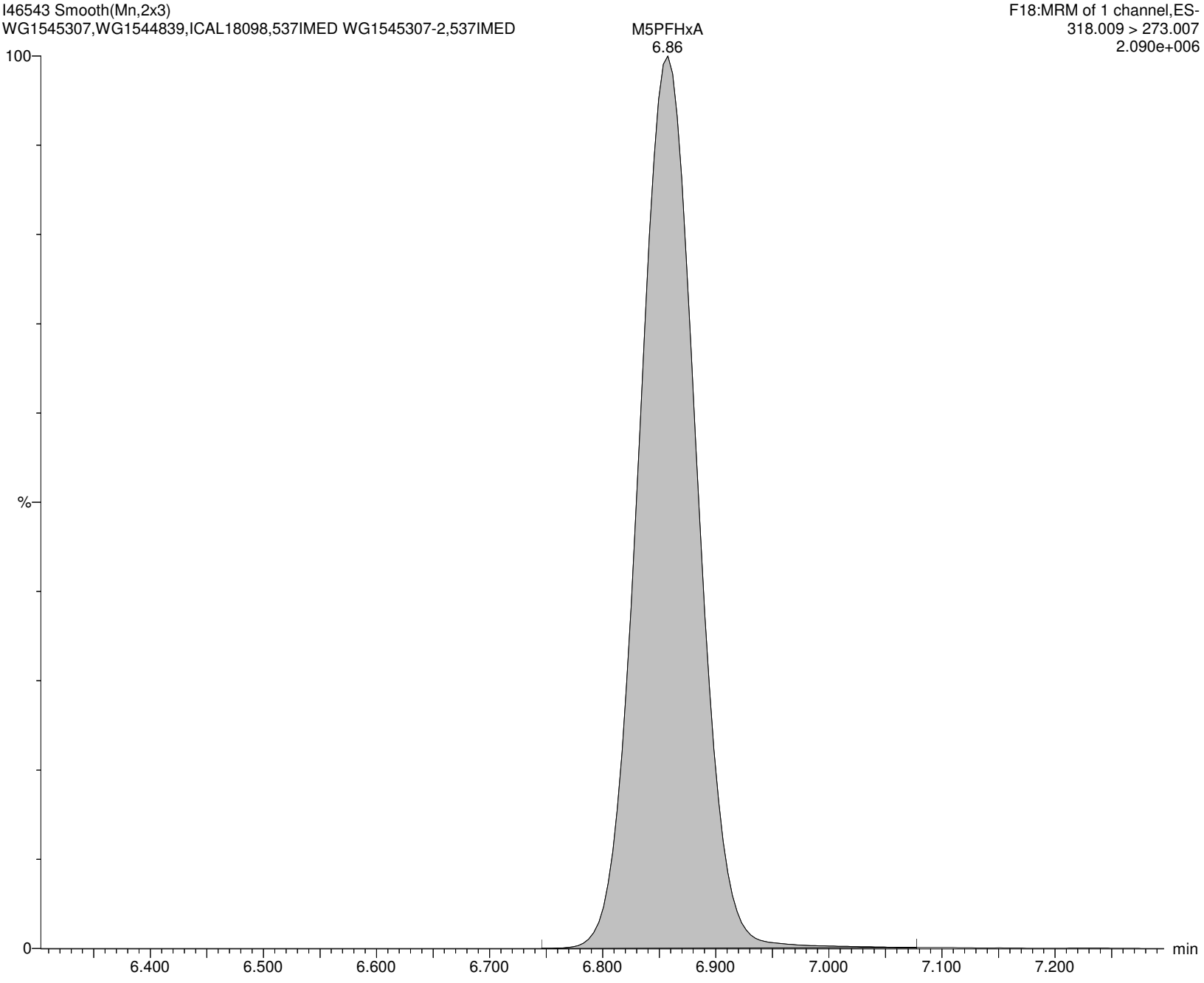


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFHxA

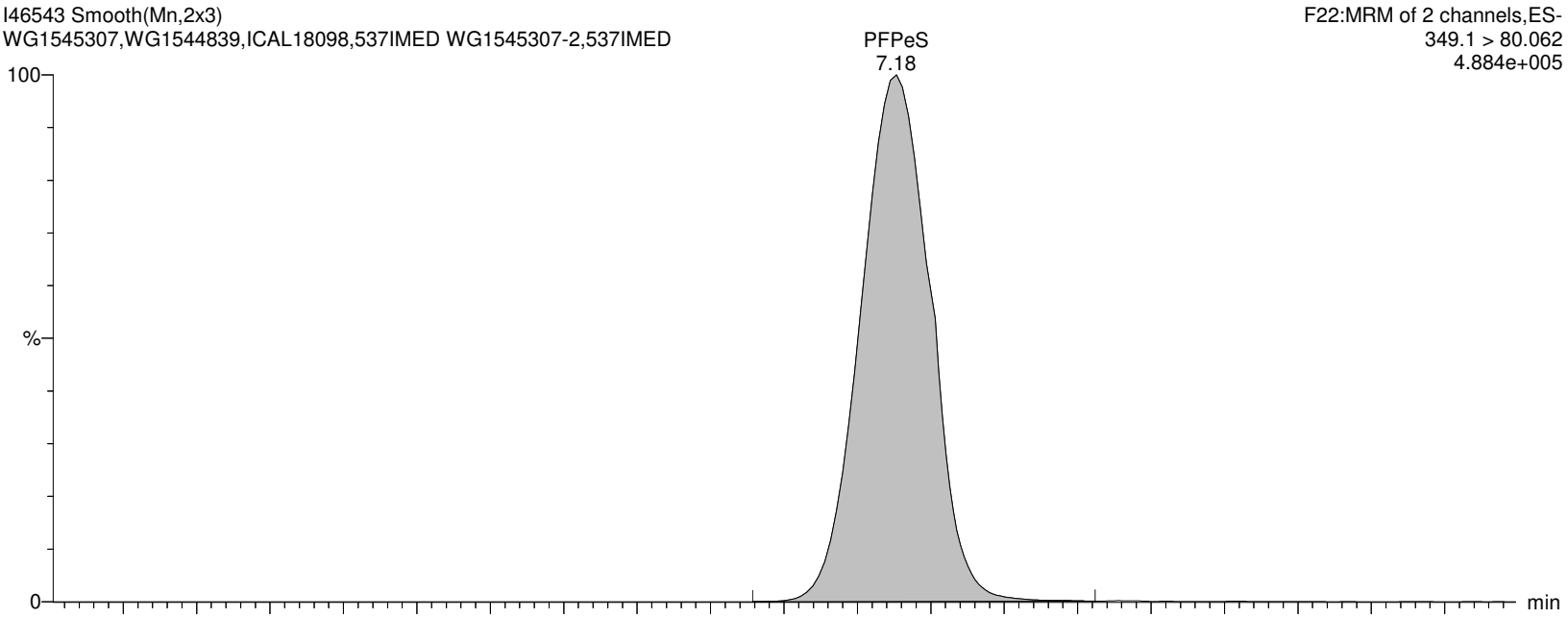


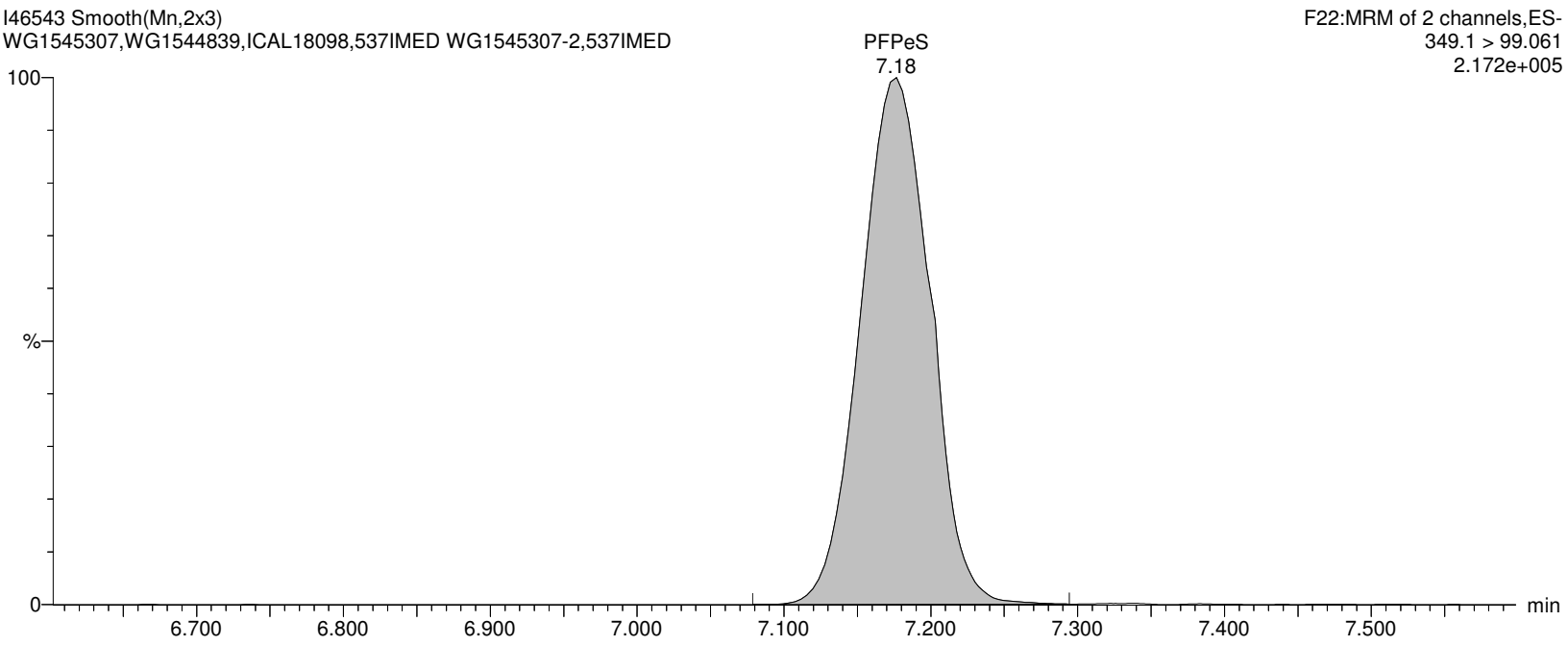
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeS



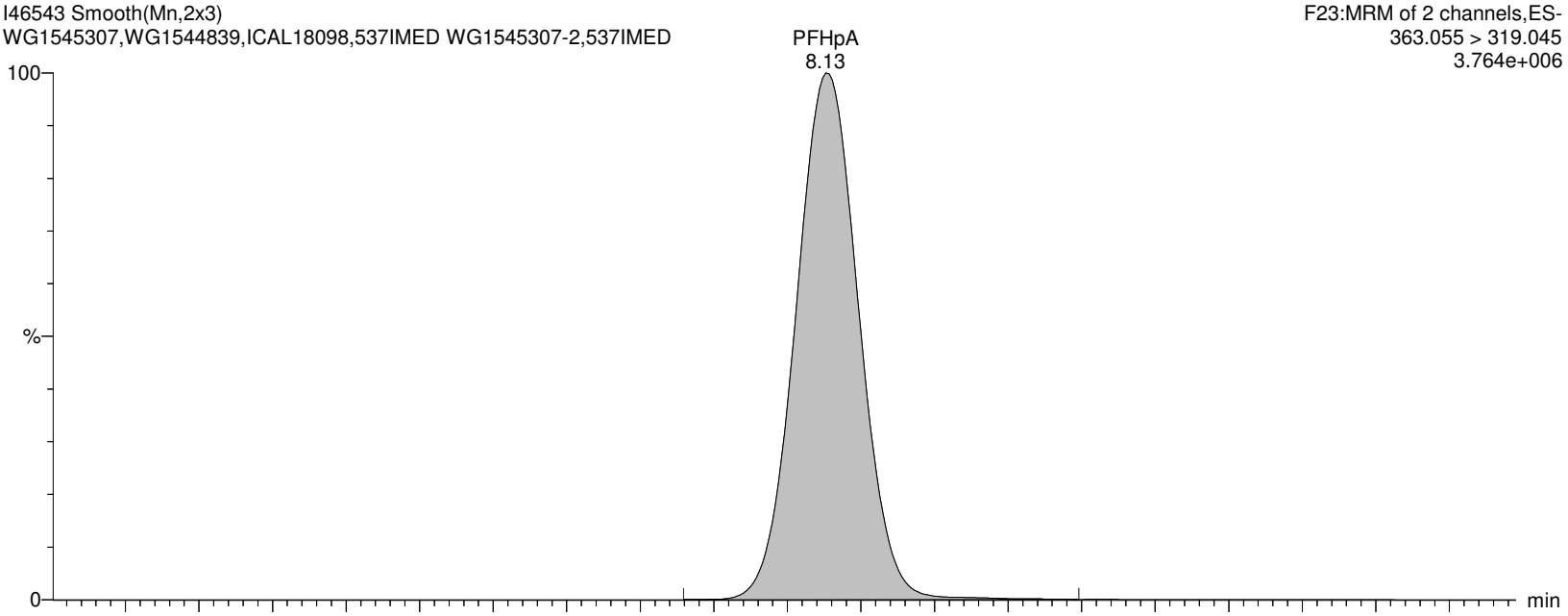


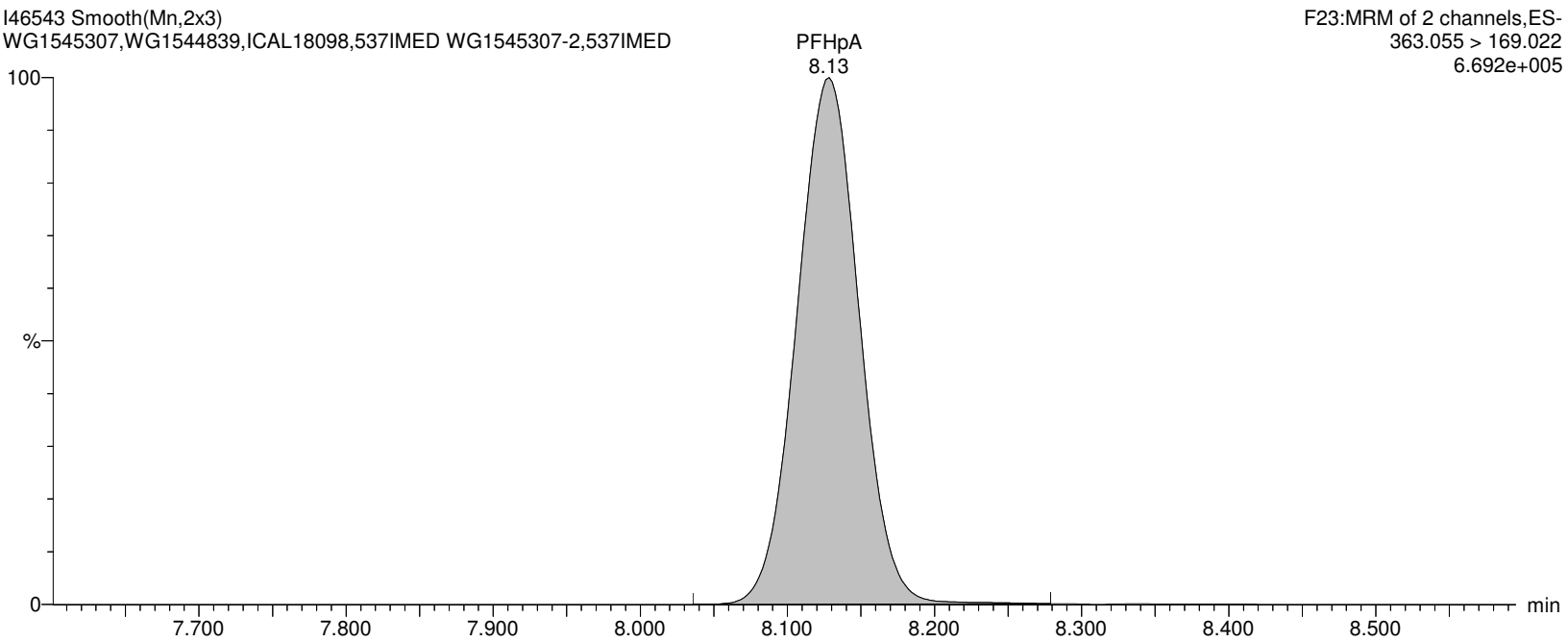
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpA



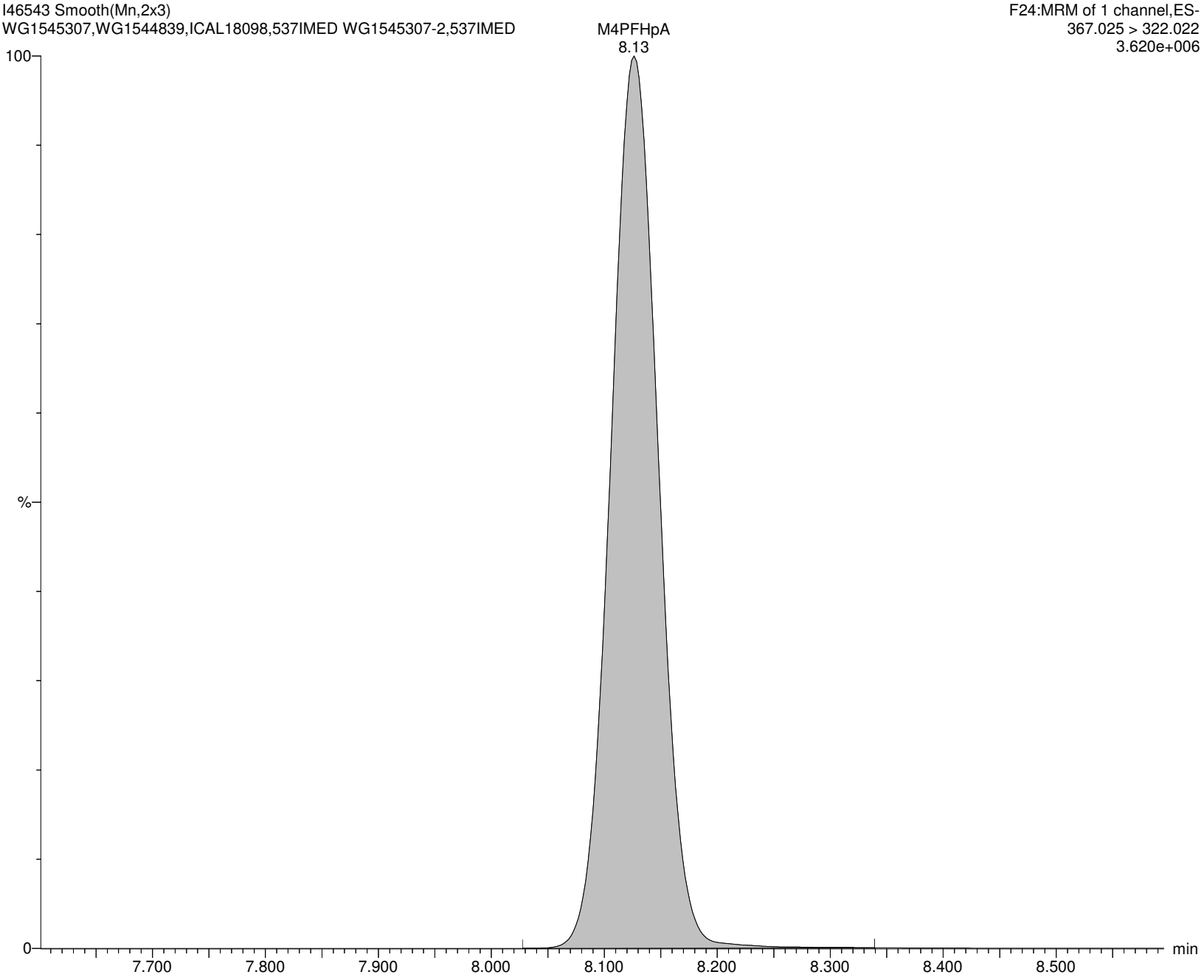


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFHpA

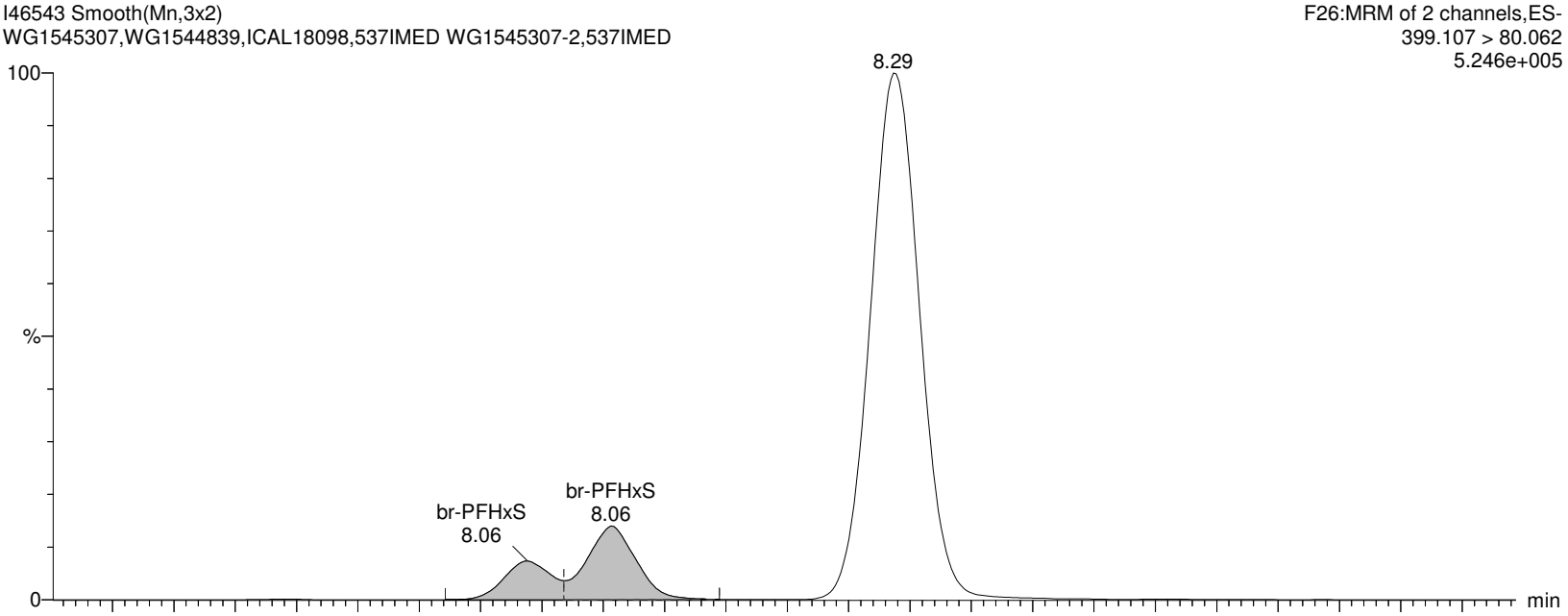


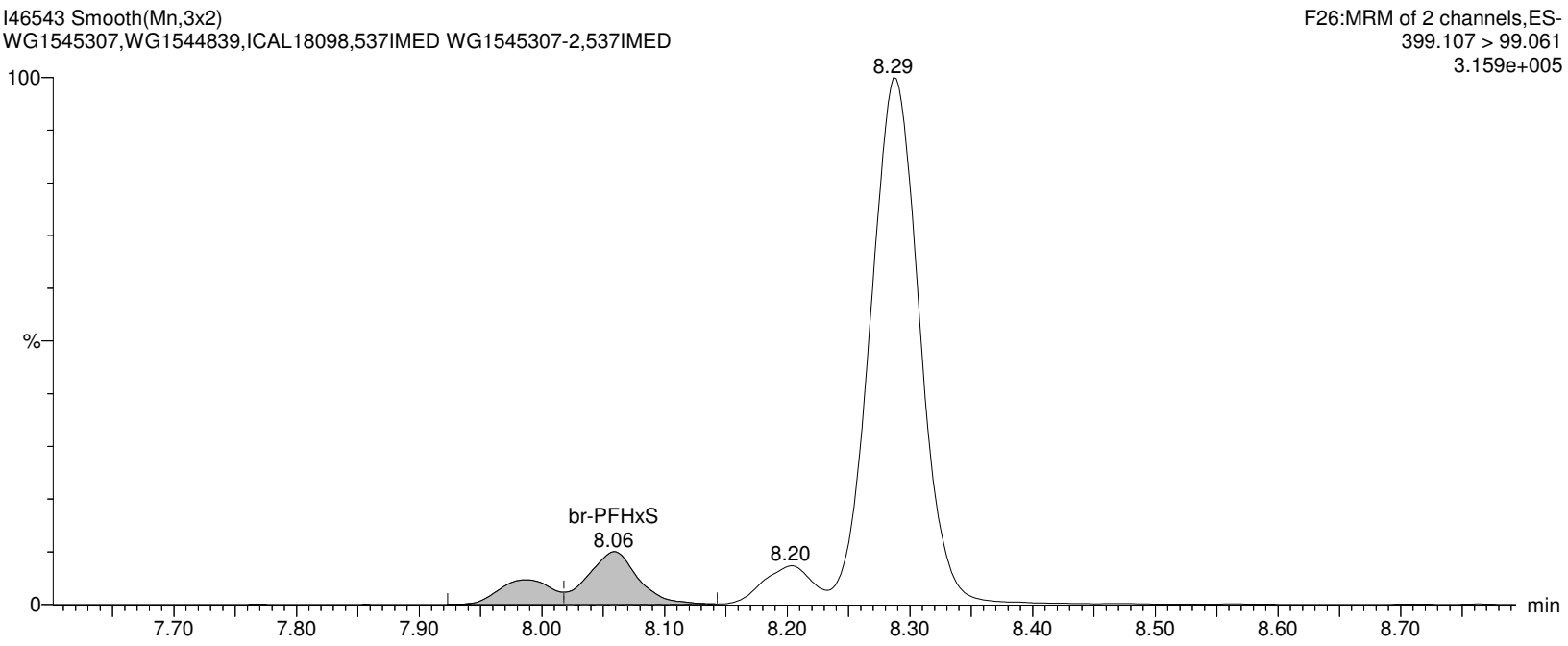
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFHxS



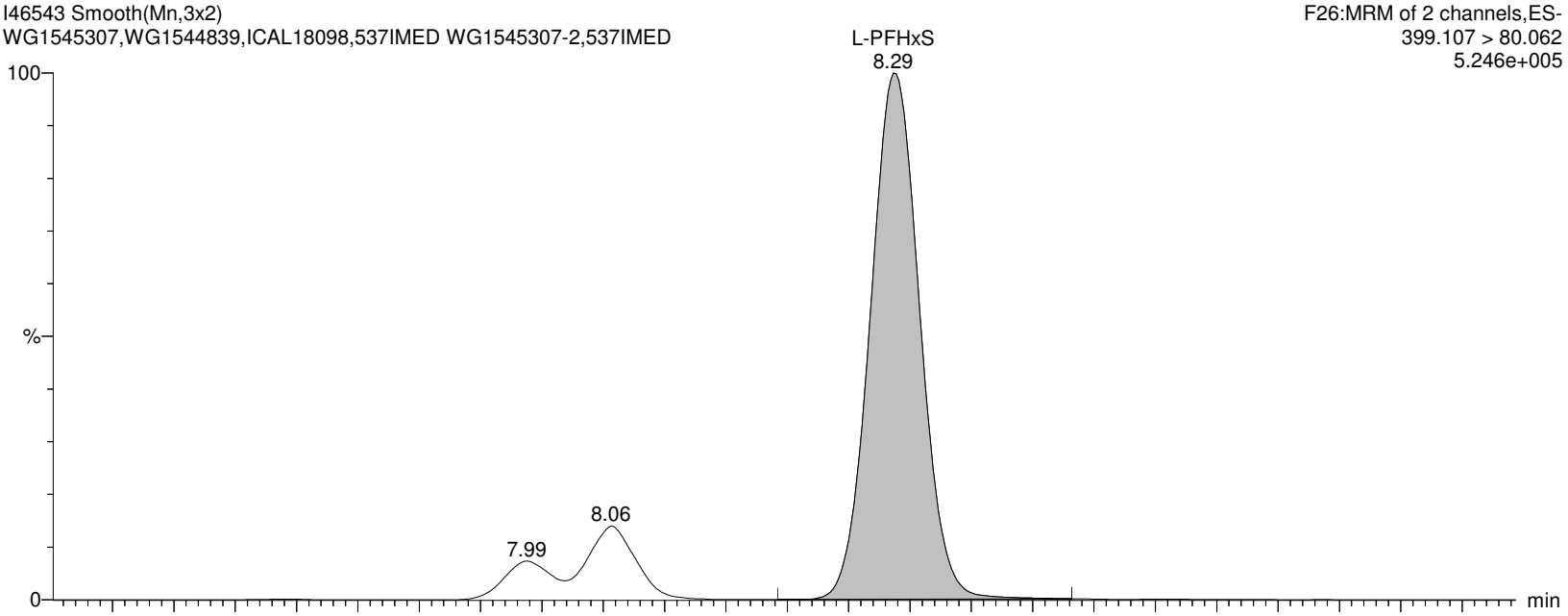


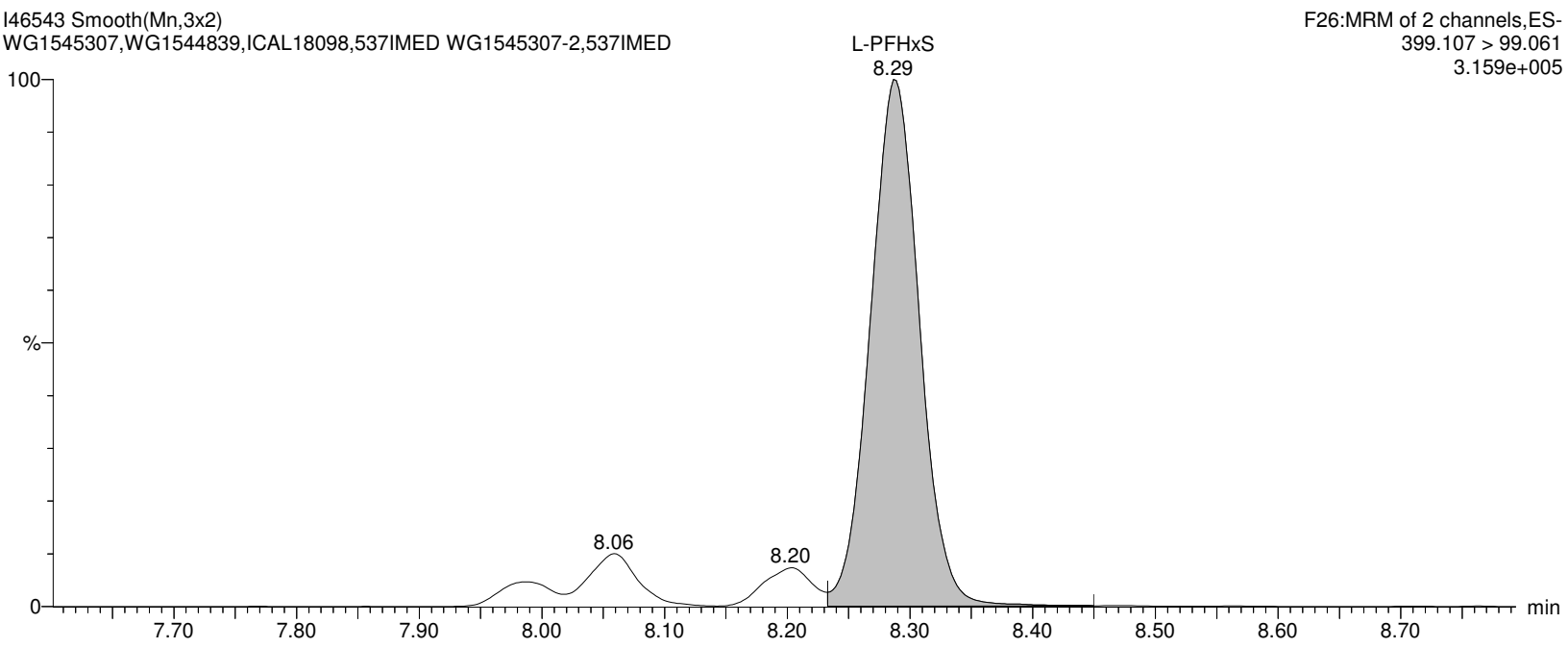
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFHxS



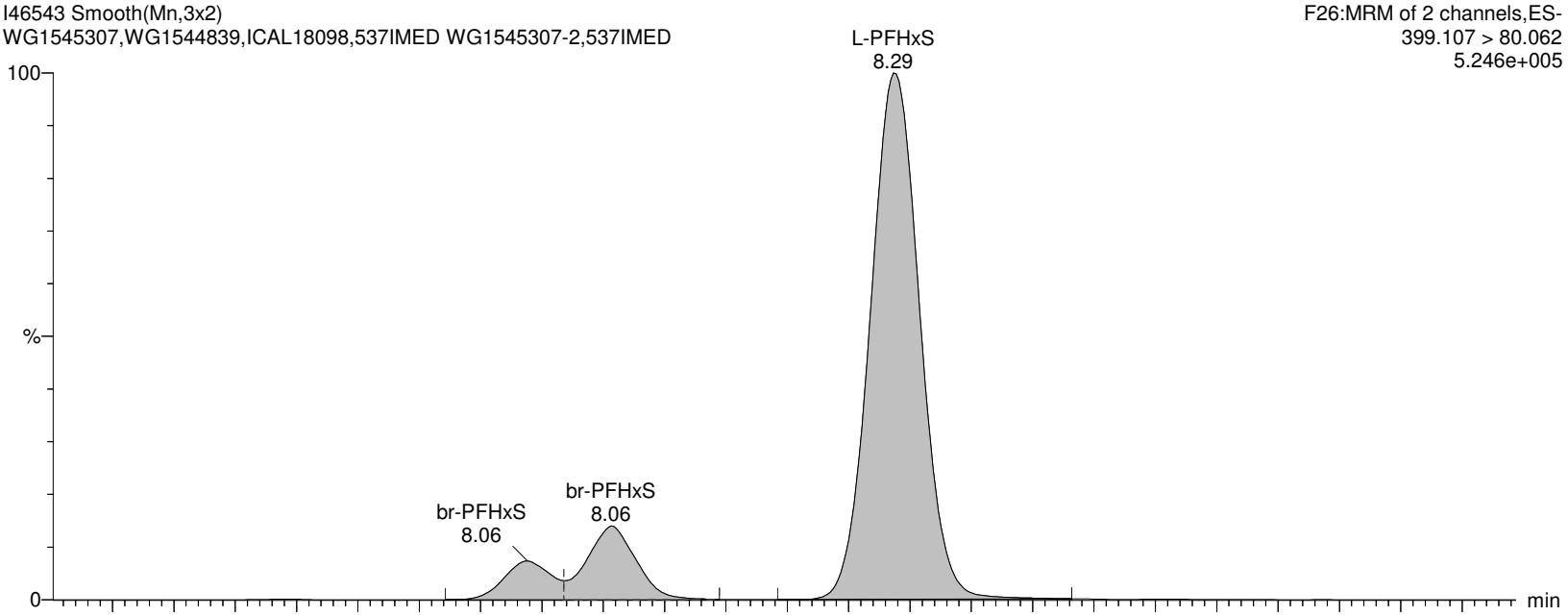


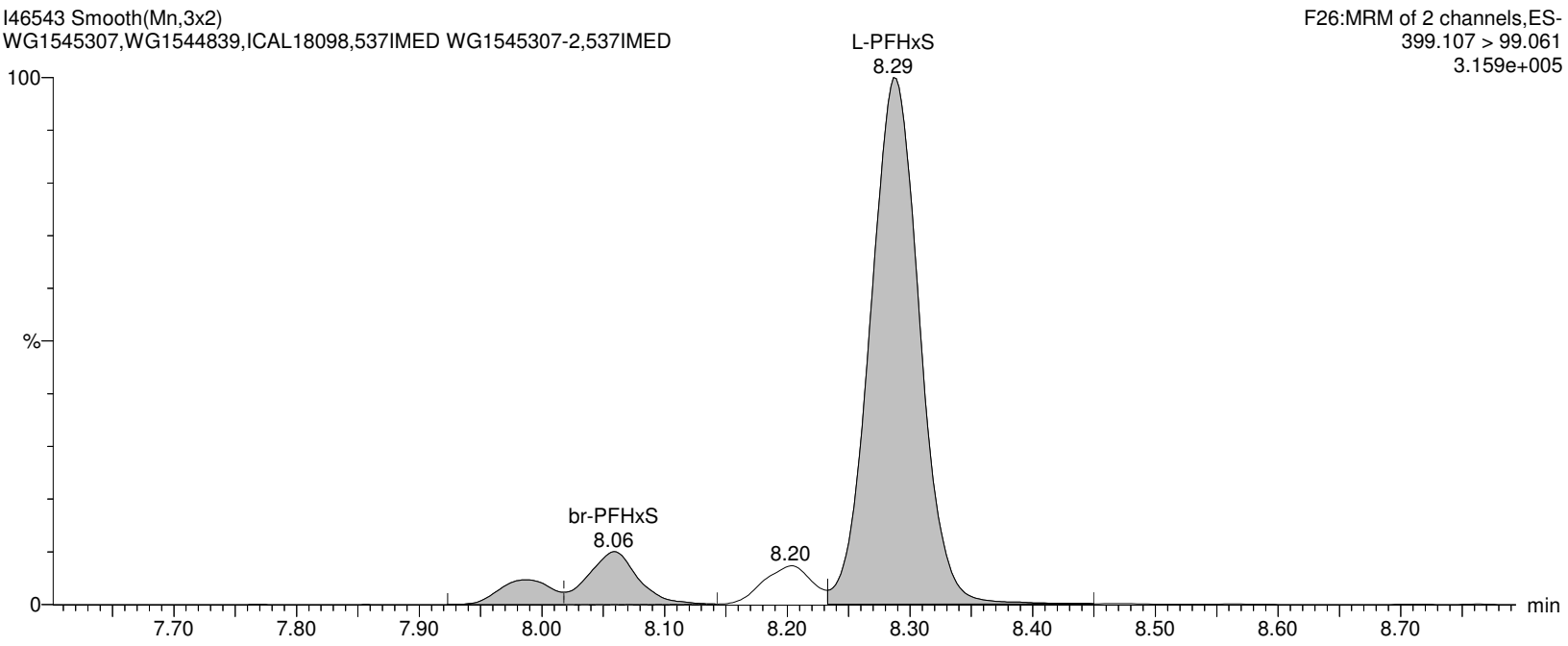
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxS



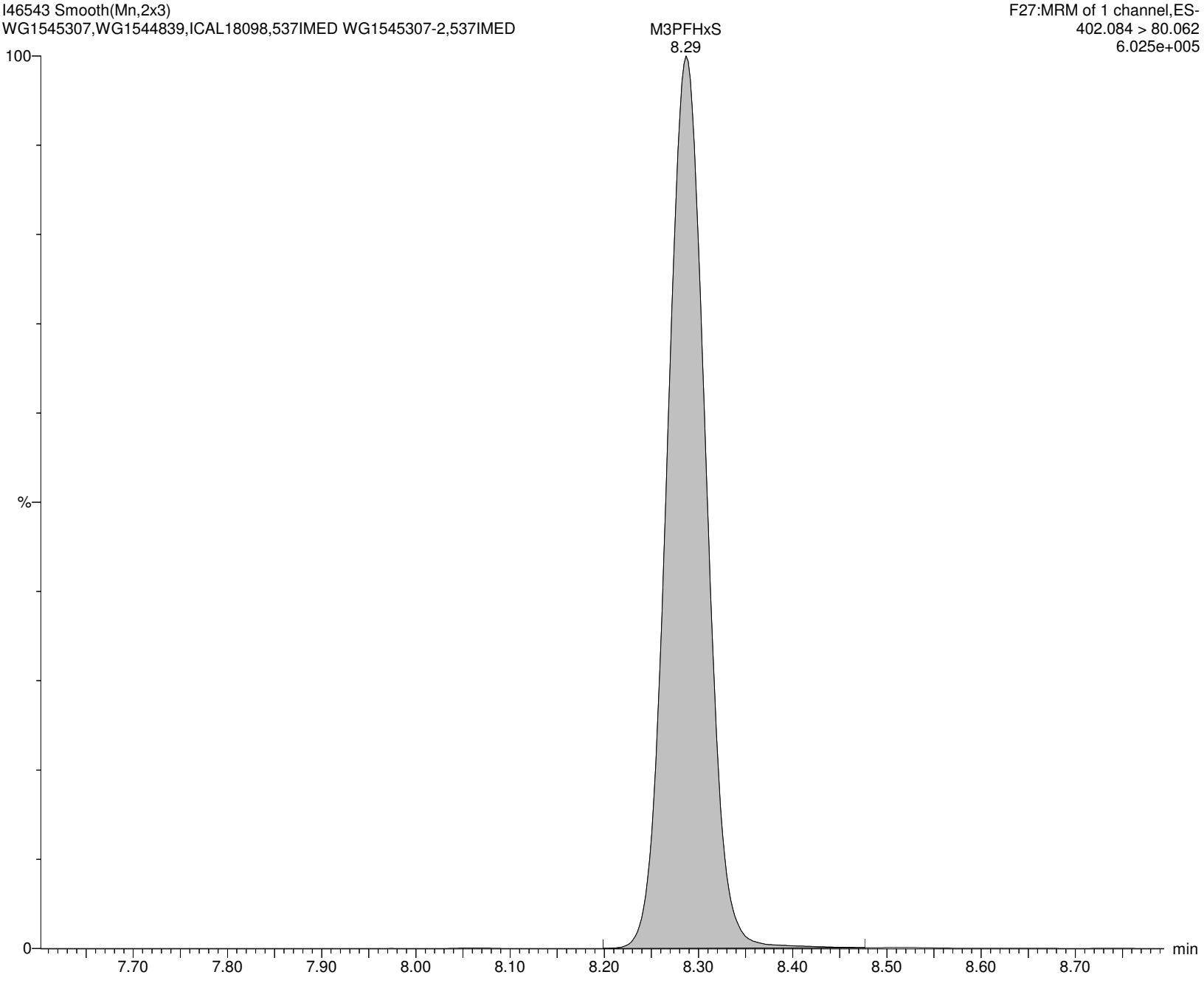


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFHxS

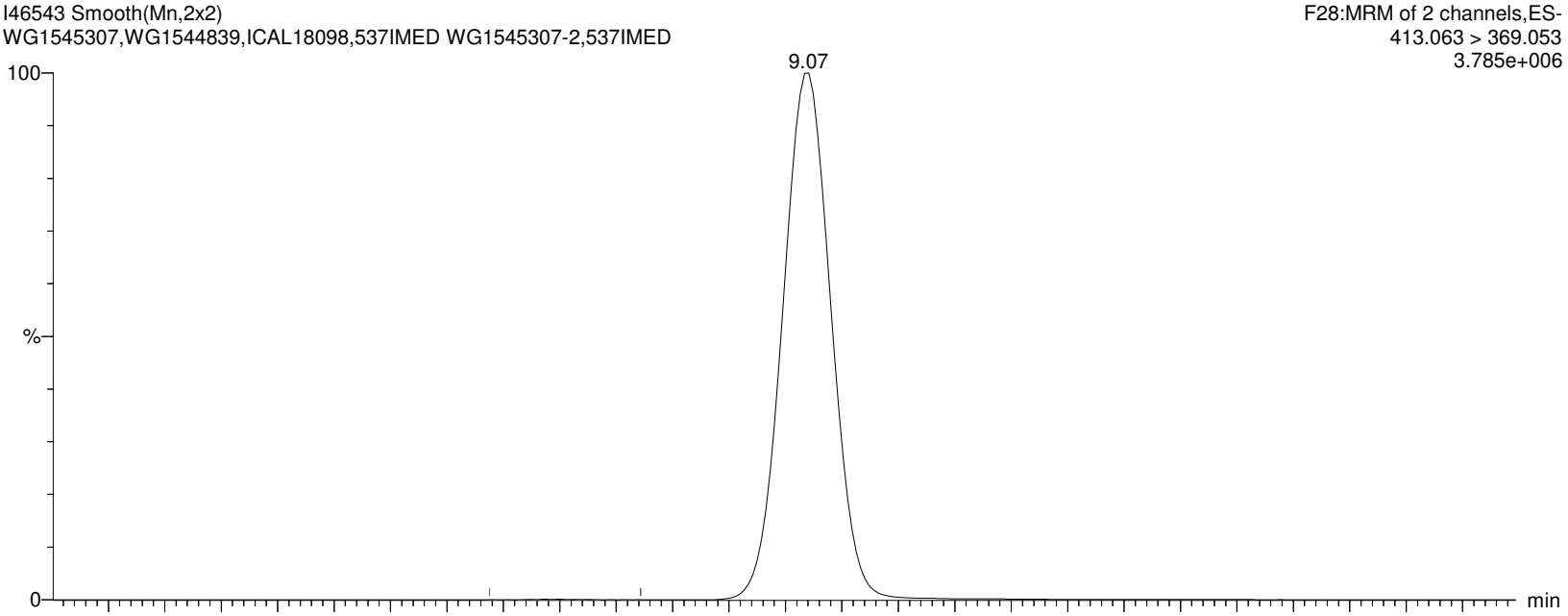


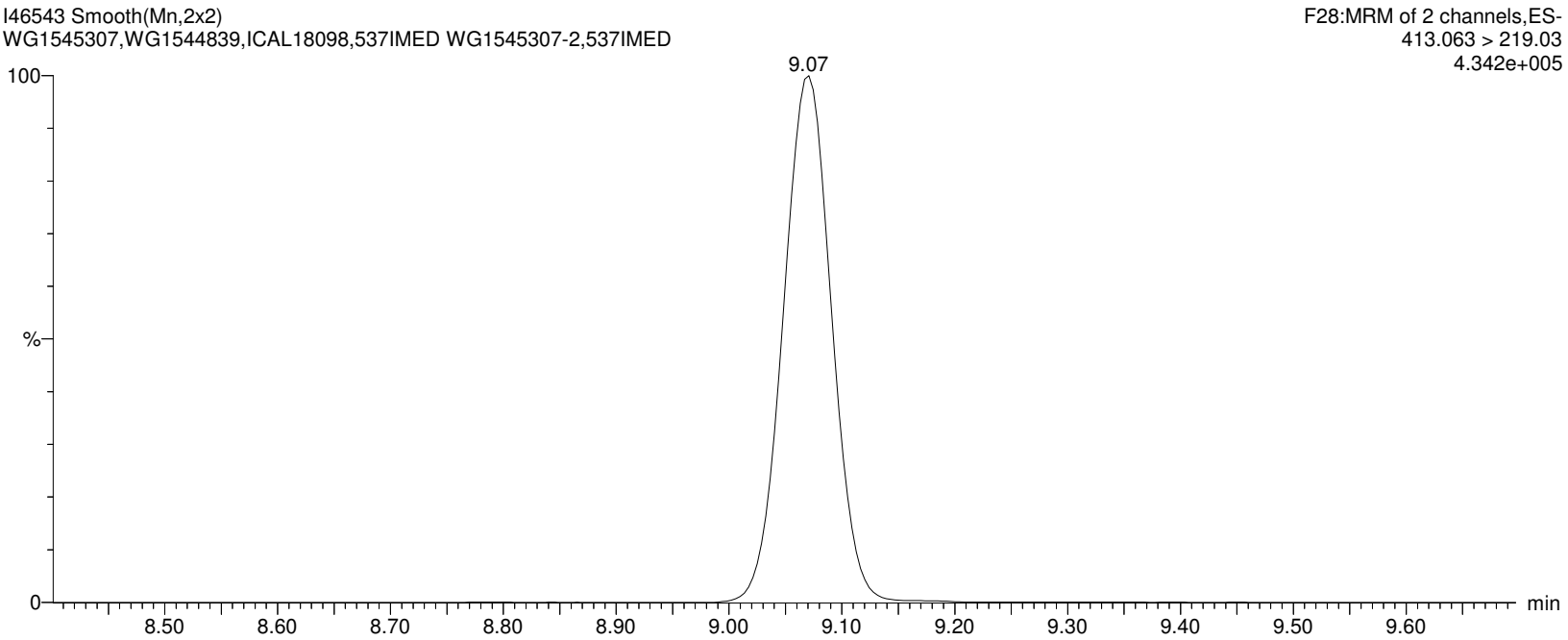
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOA



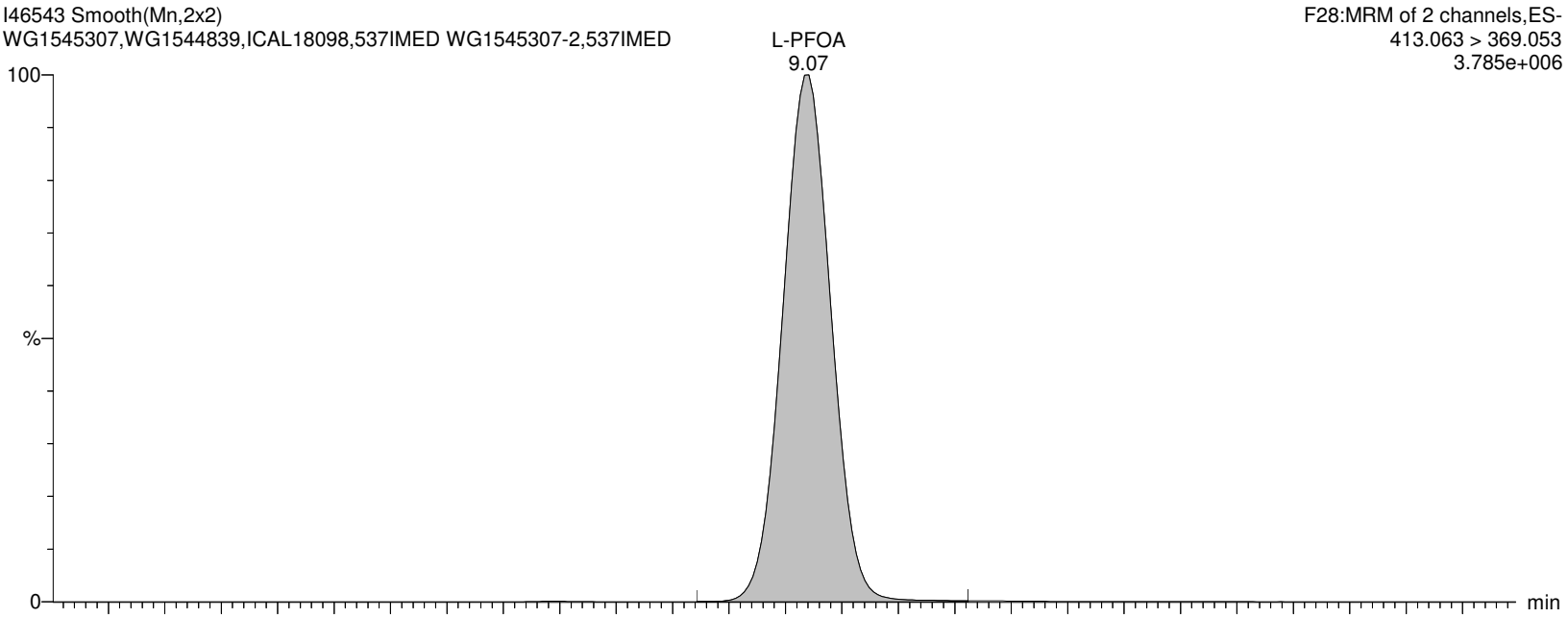


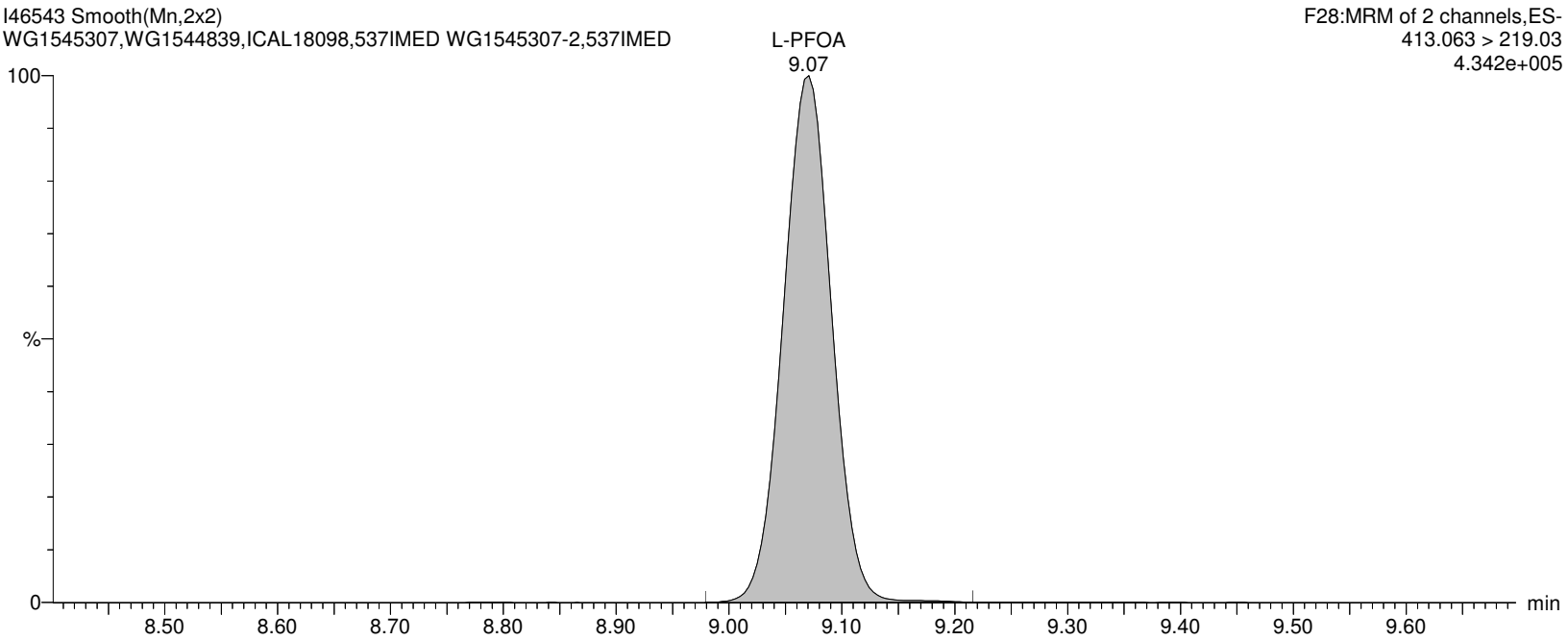
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOA



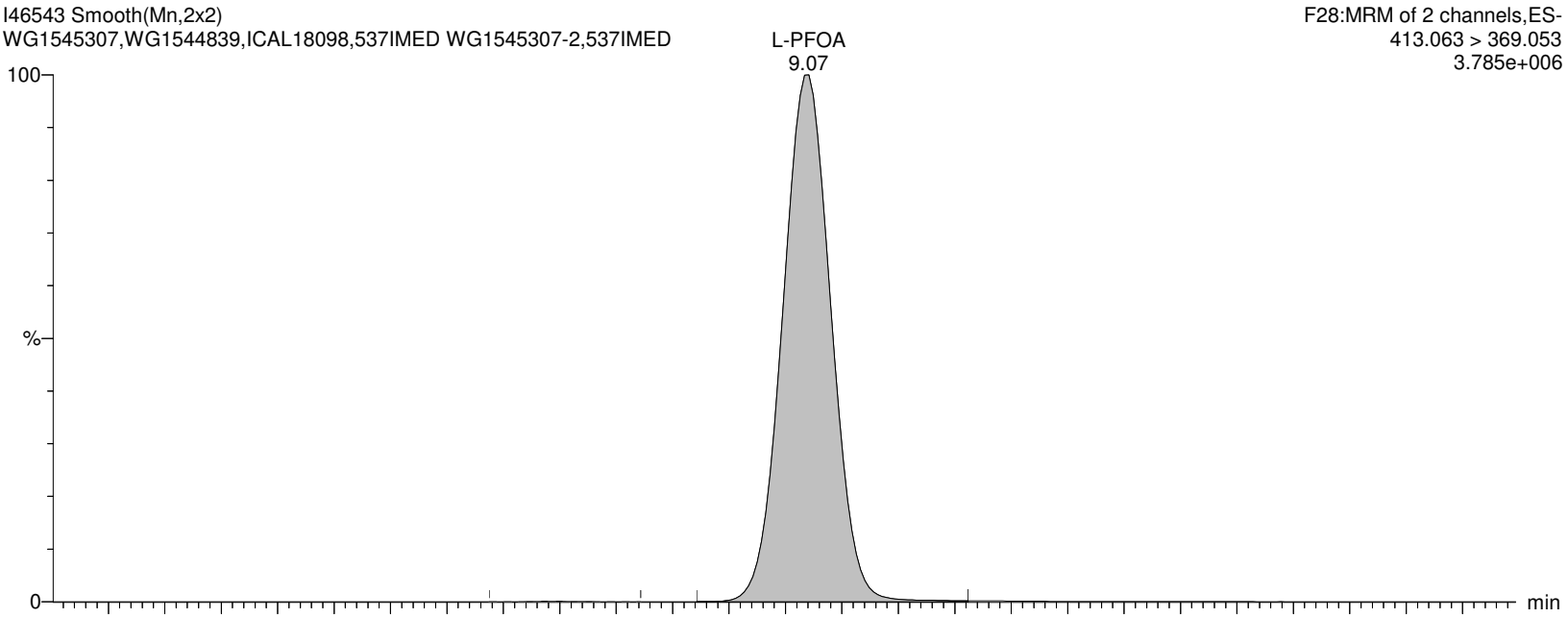


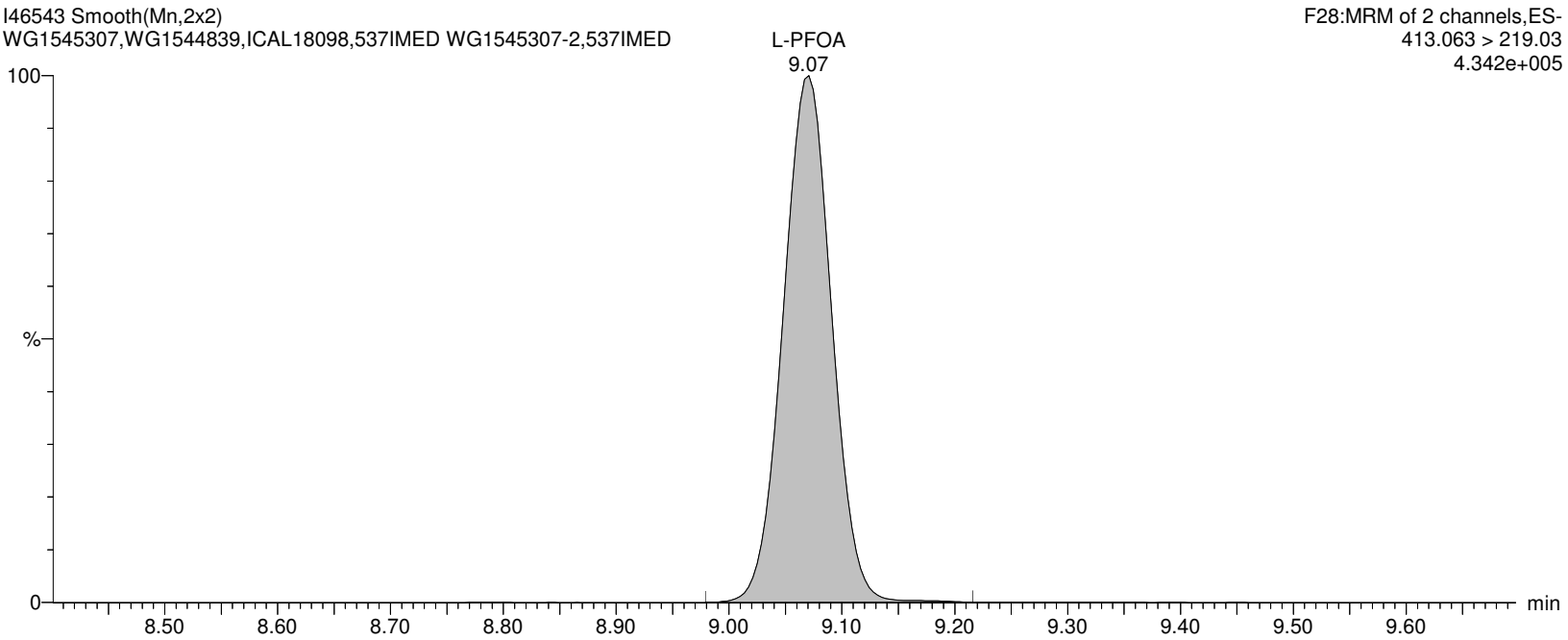
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOA



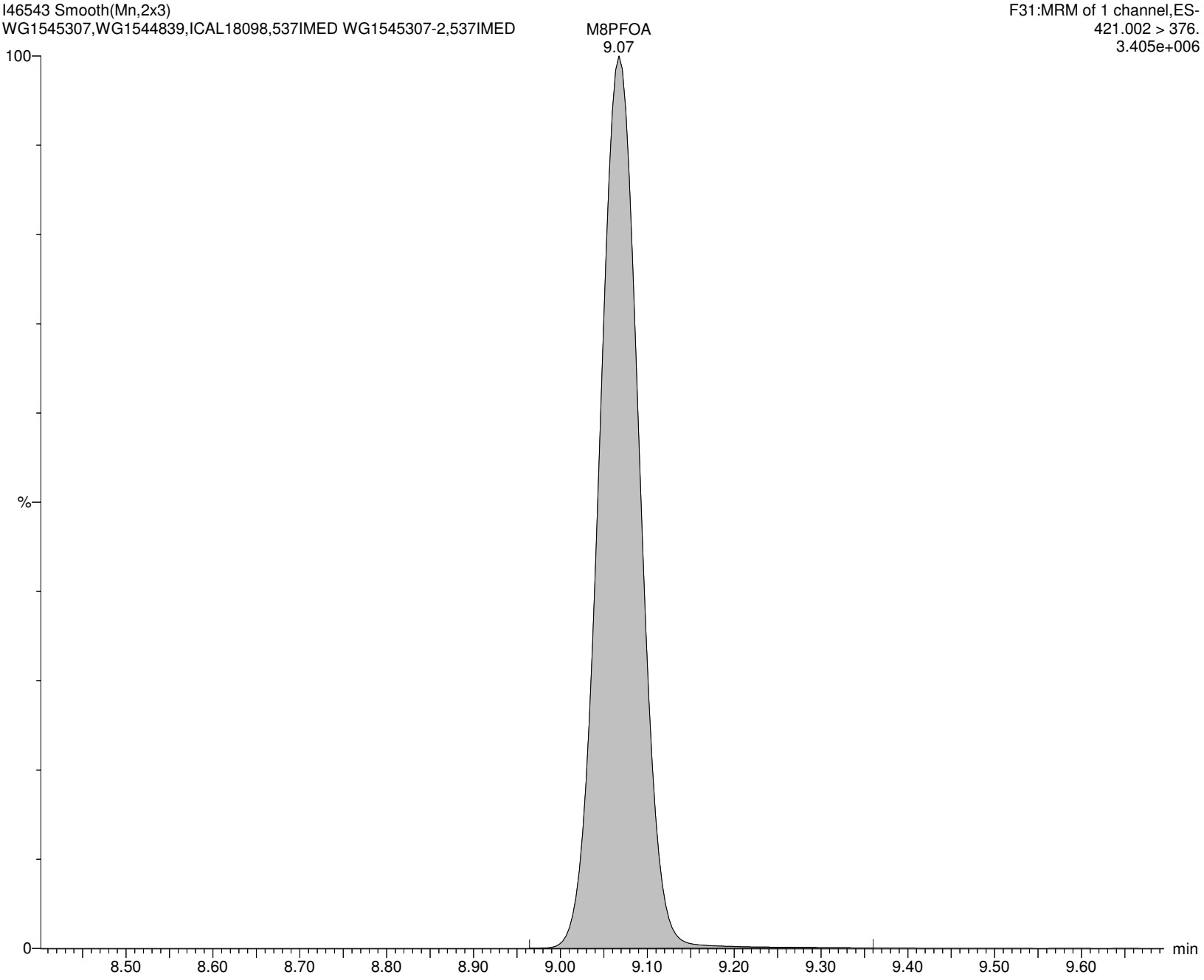


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOA

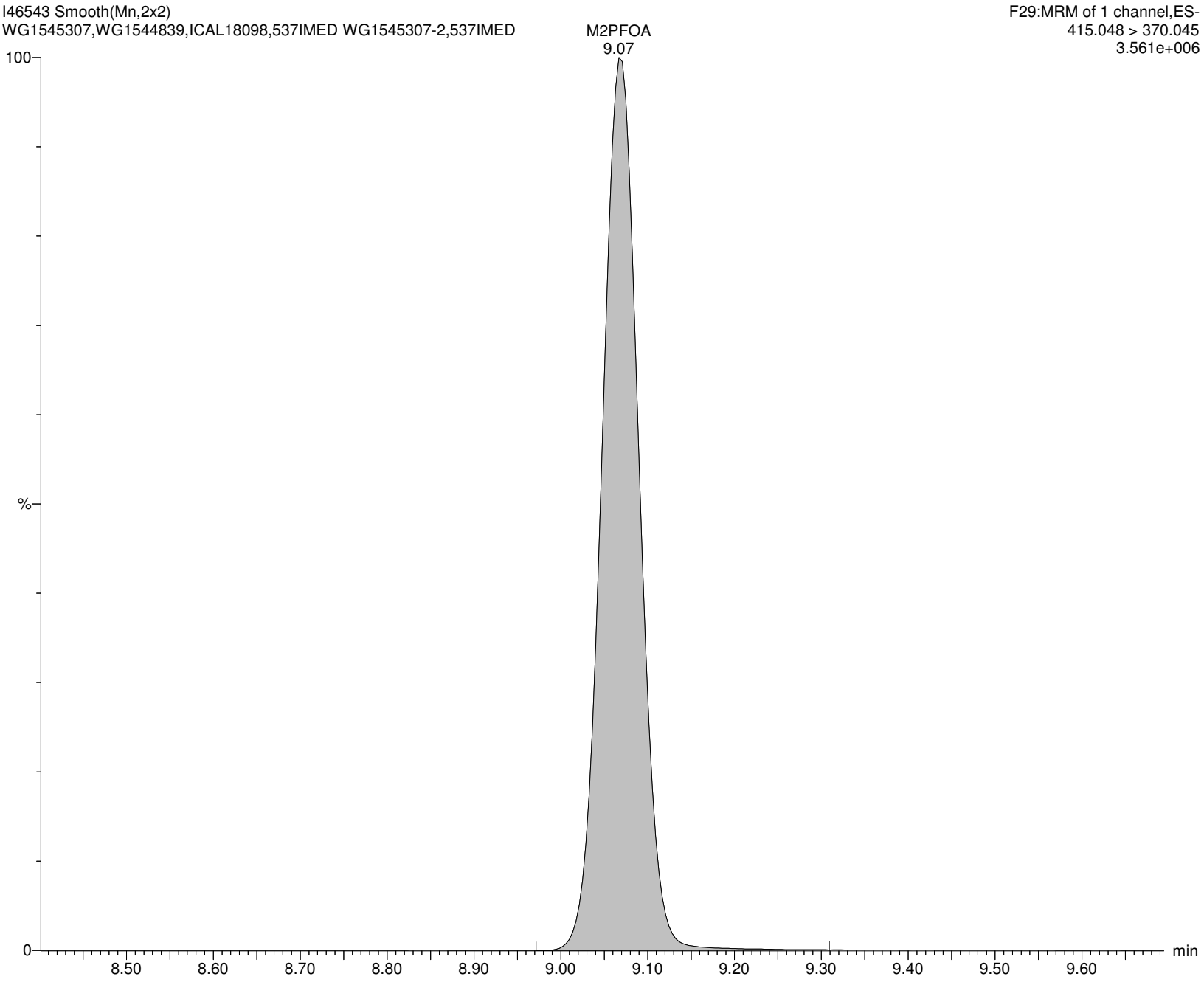


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFOA

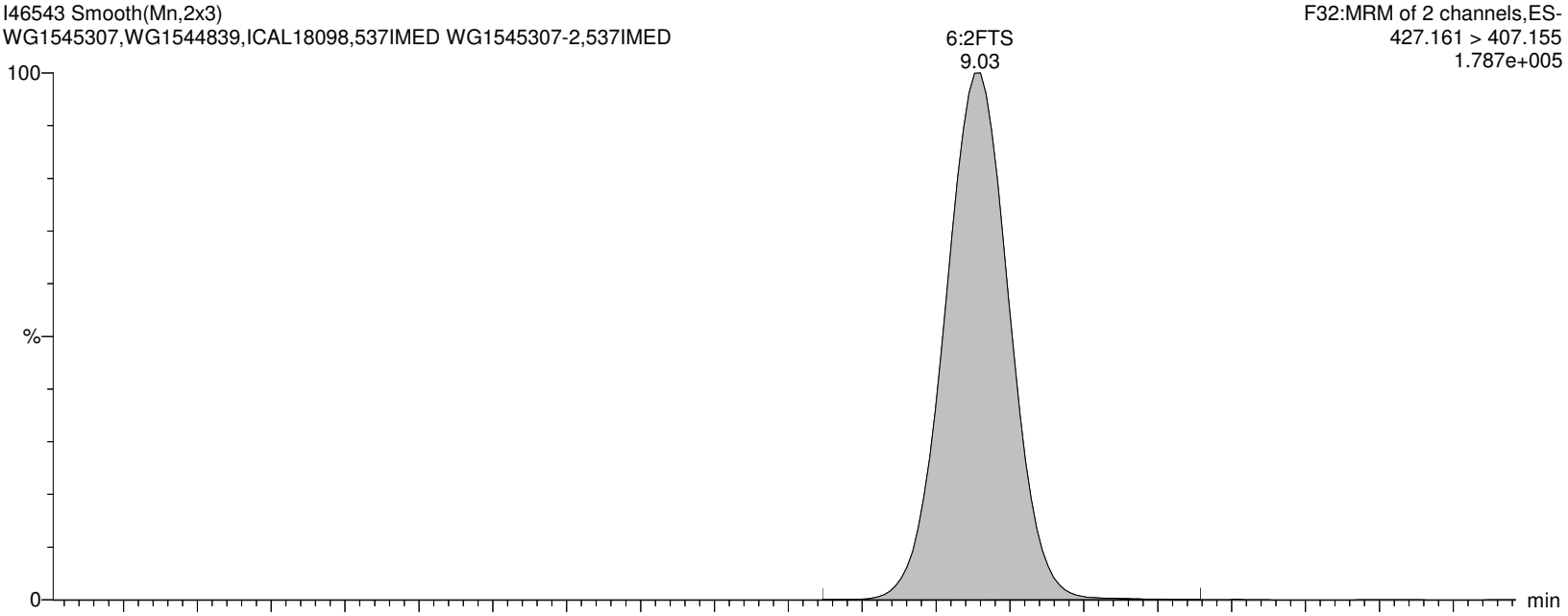


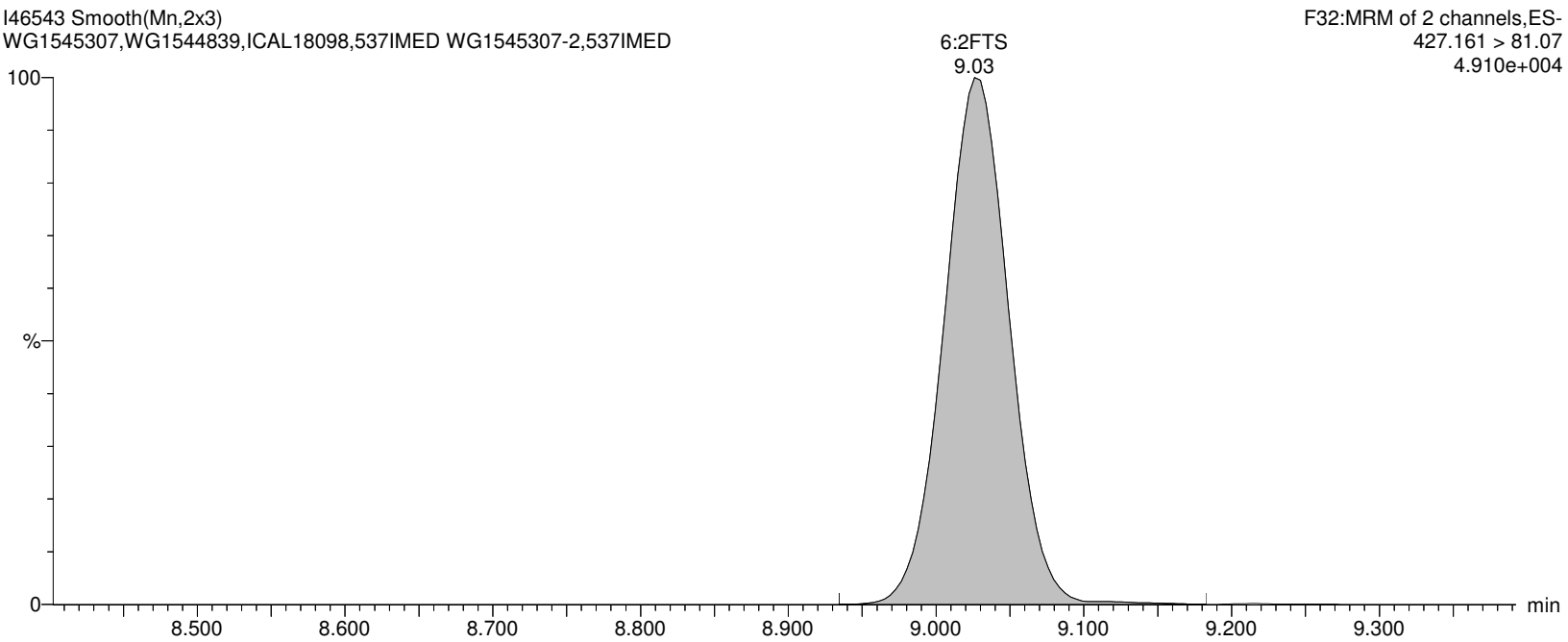
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

6:2FTS



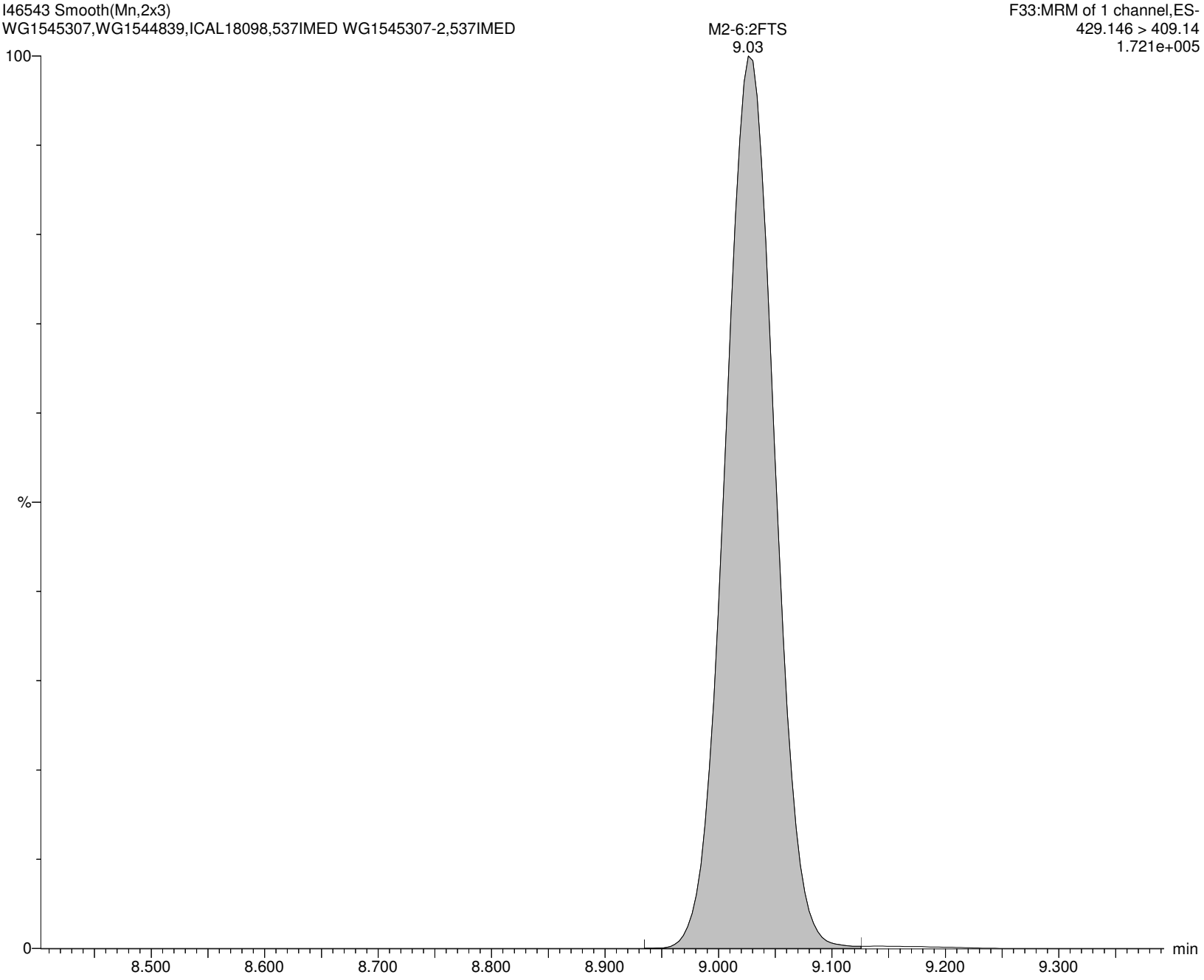


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-6:2FTS

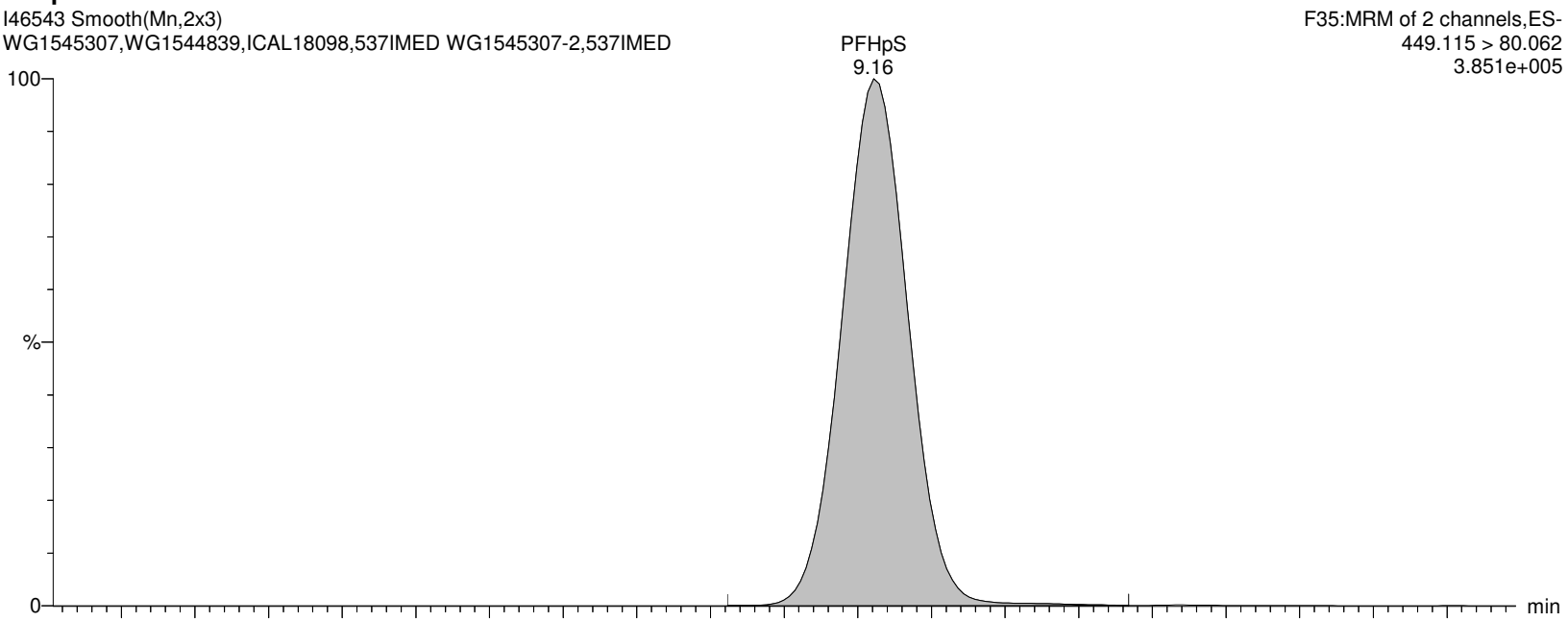


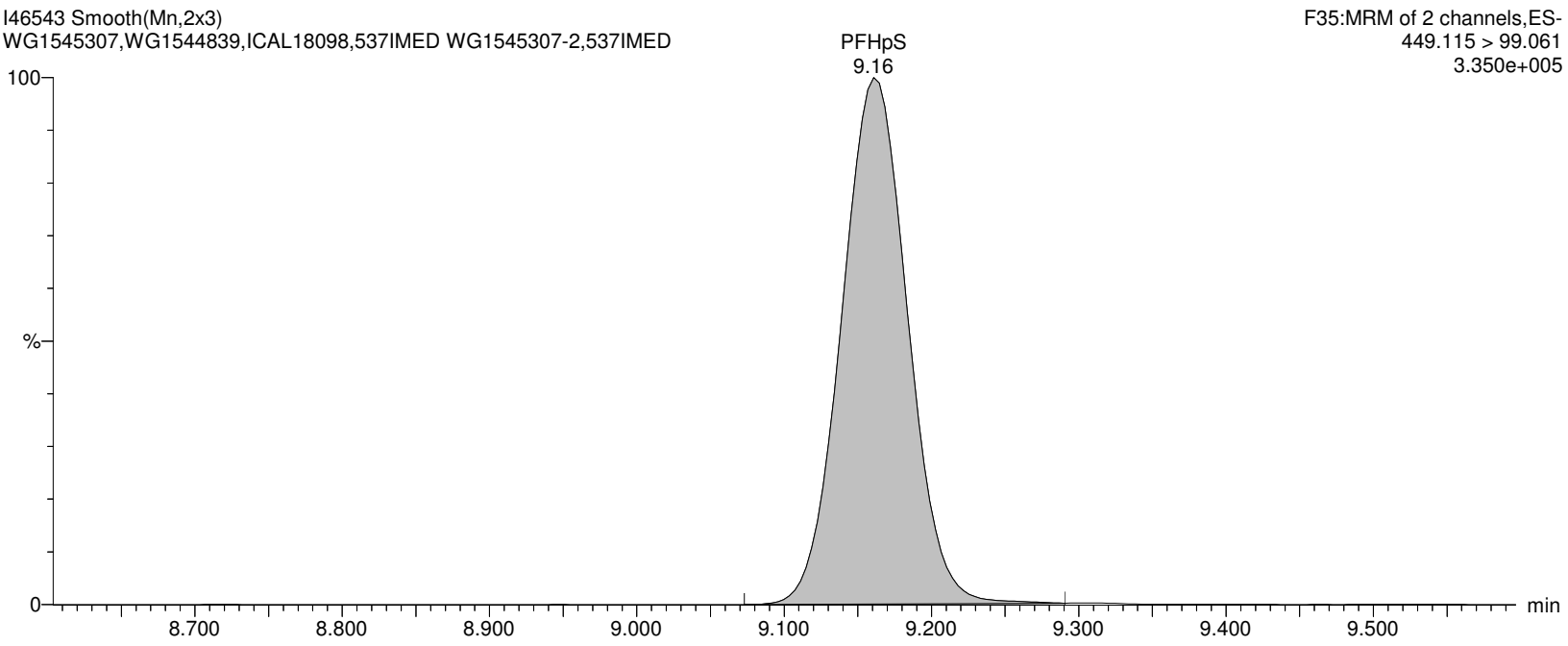
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpS



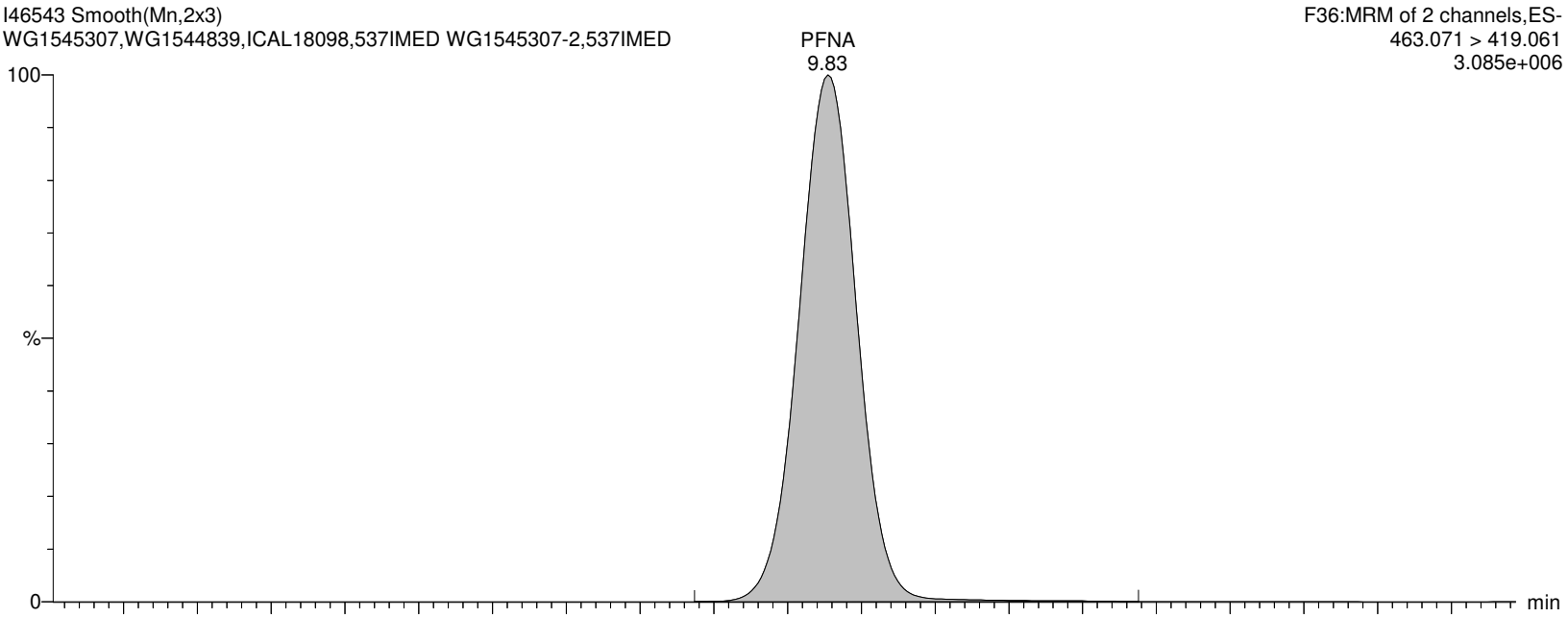


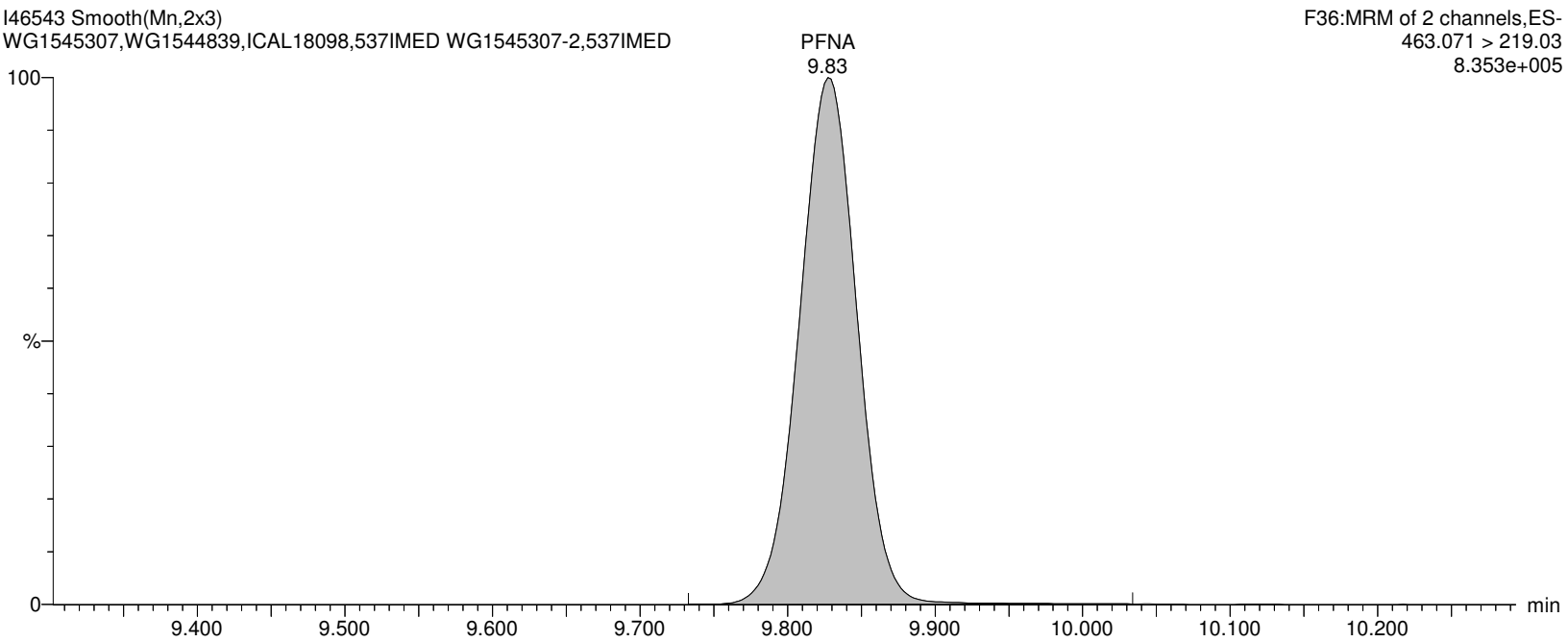
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNA



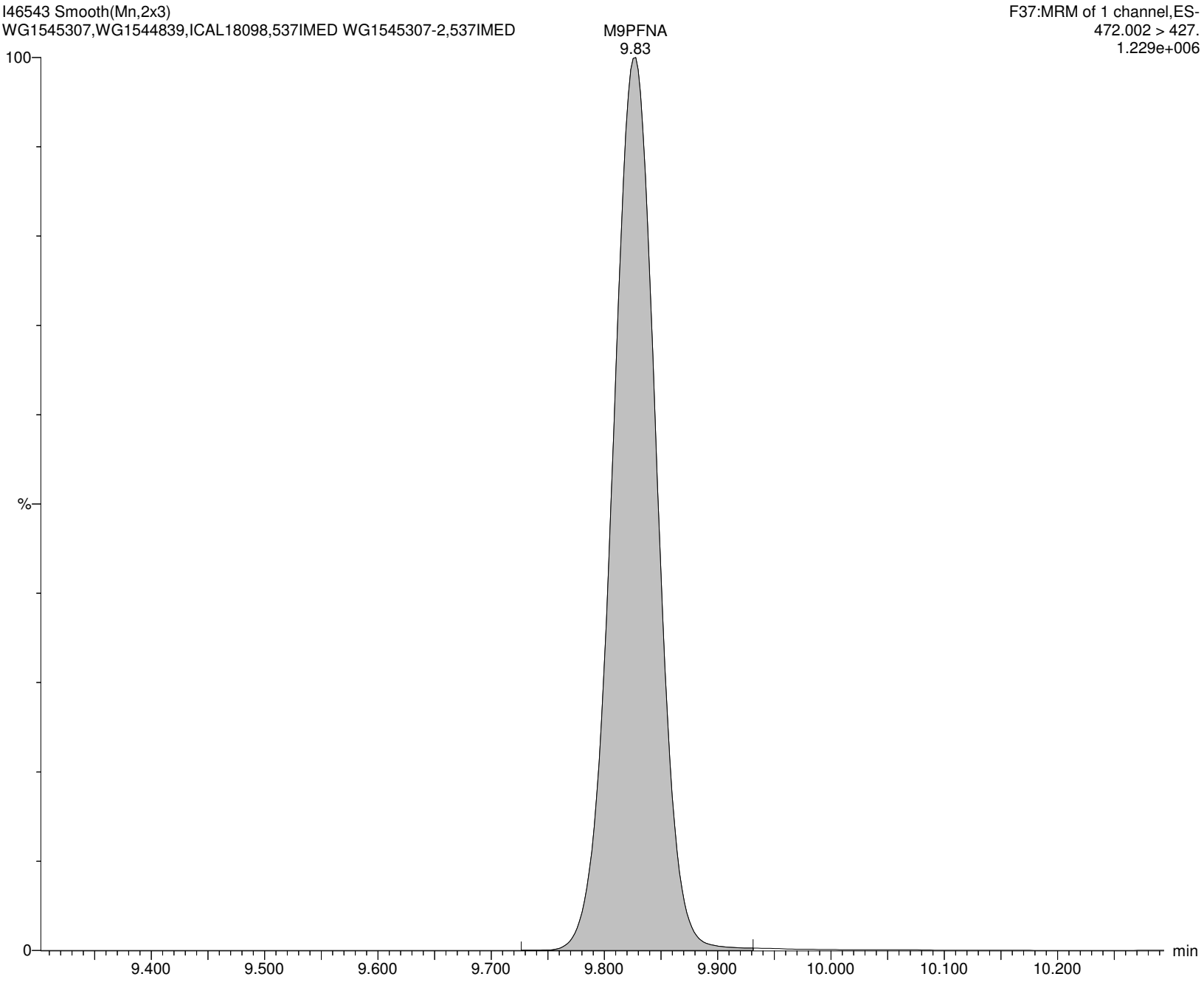


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M9PFNA

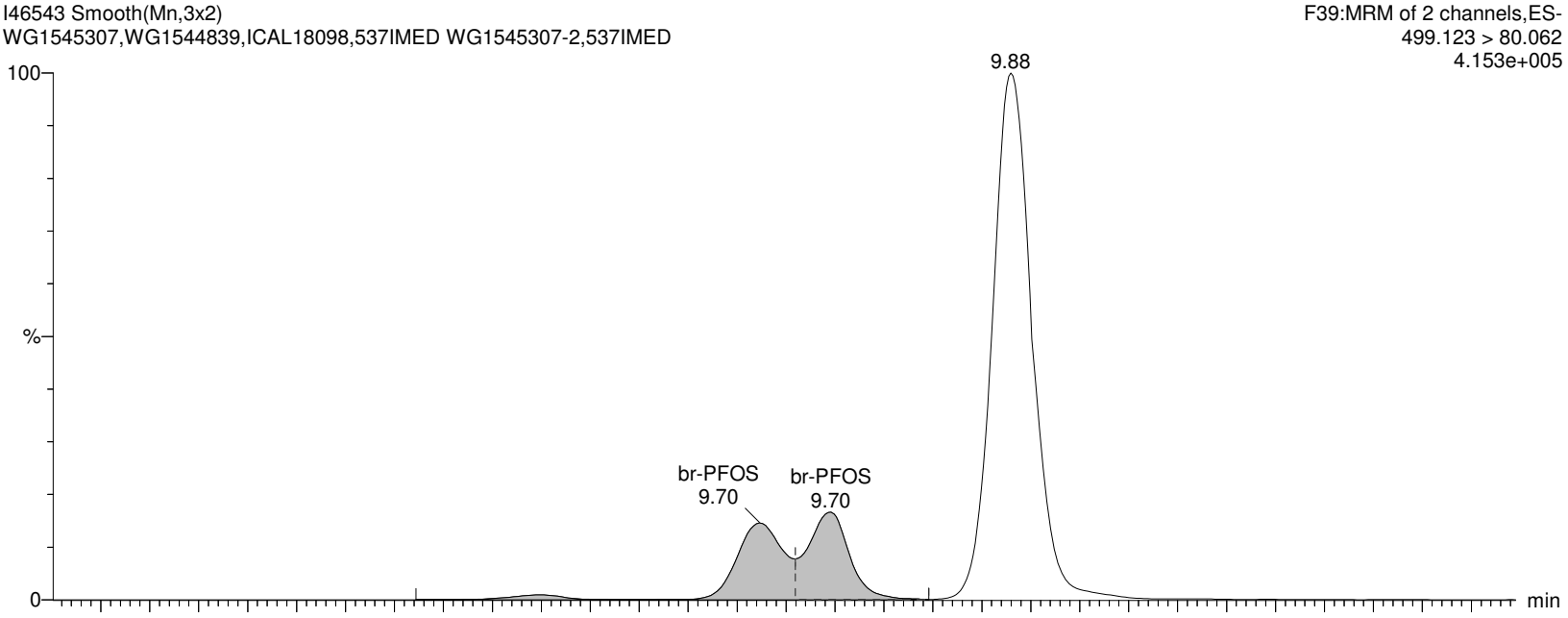


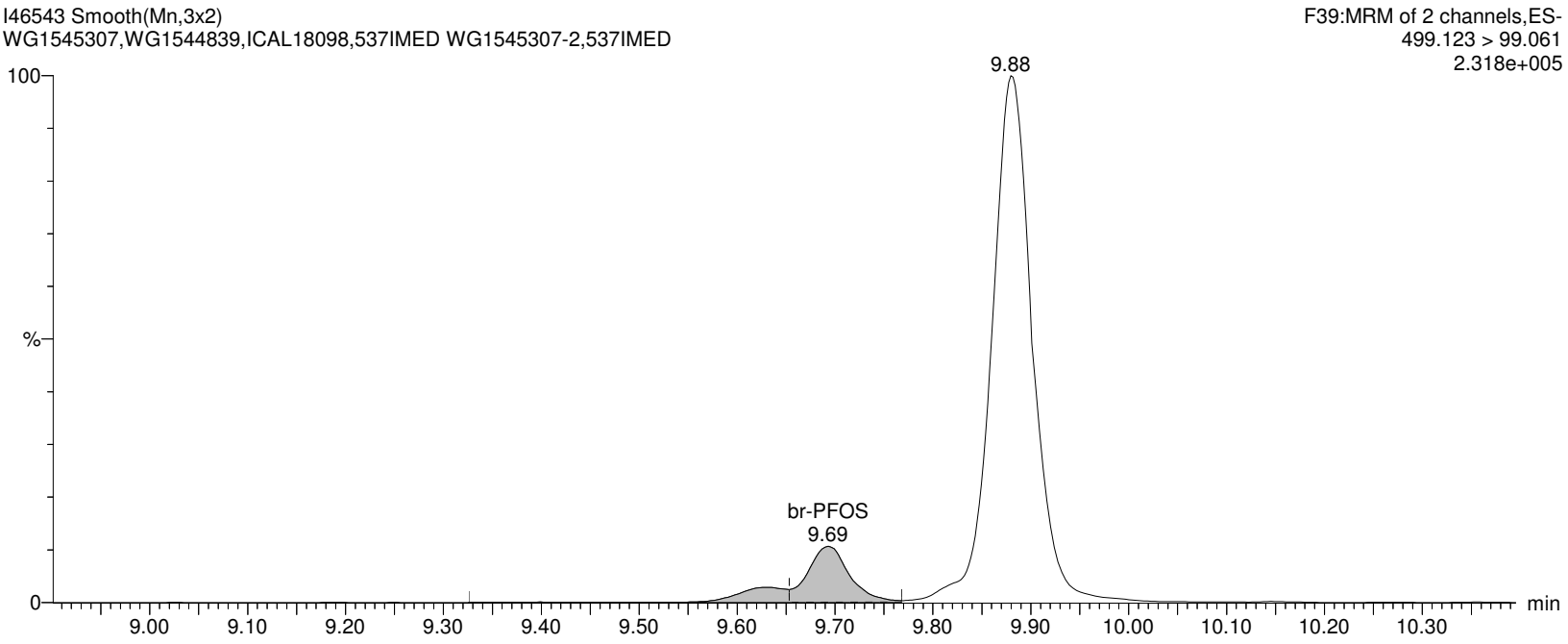
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOS



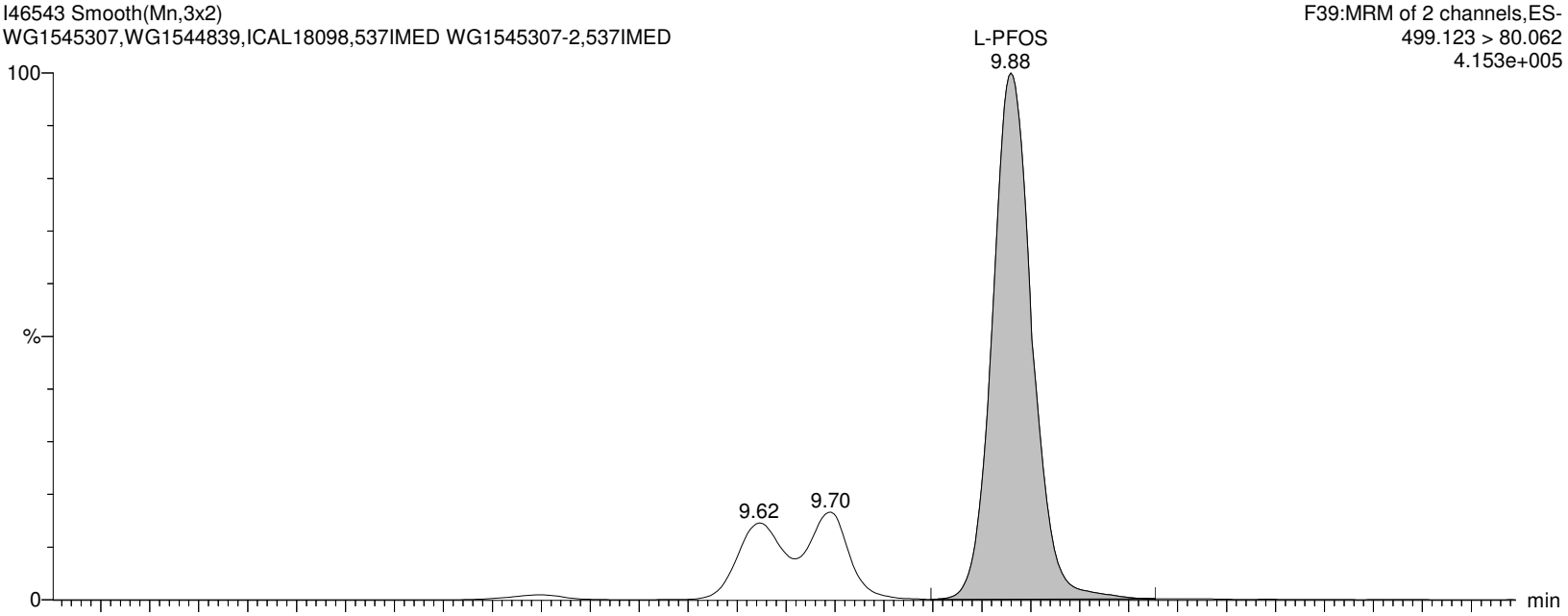


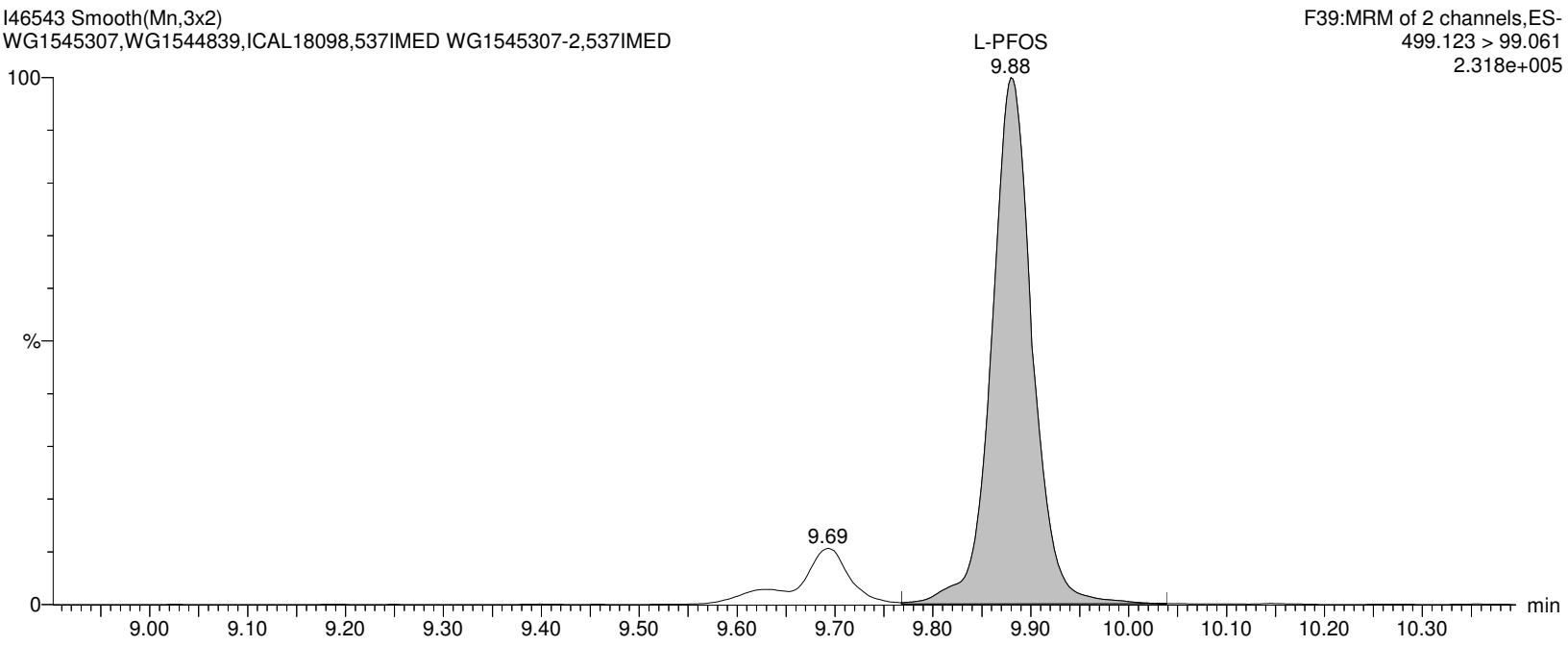
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOS



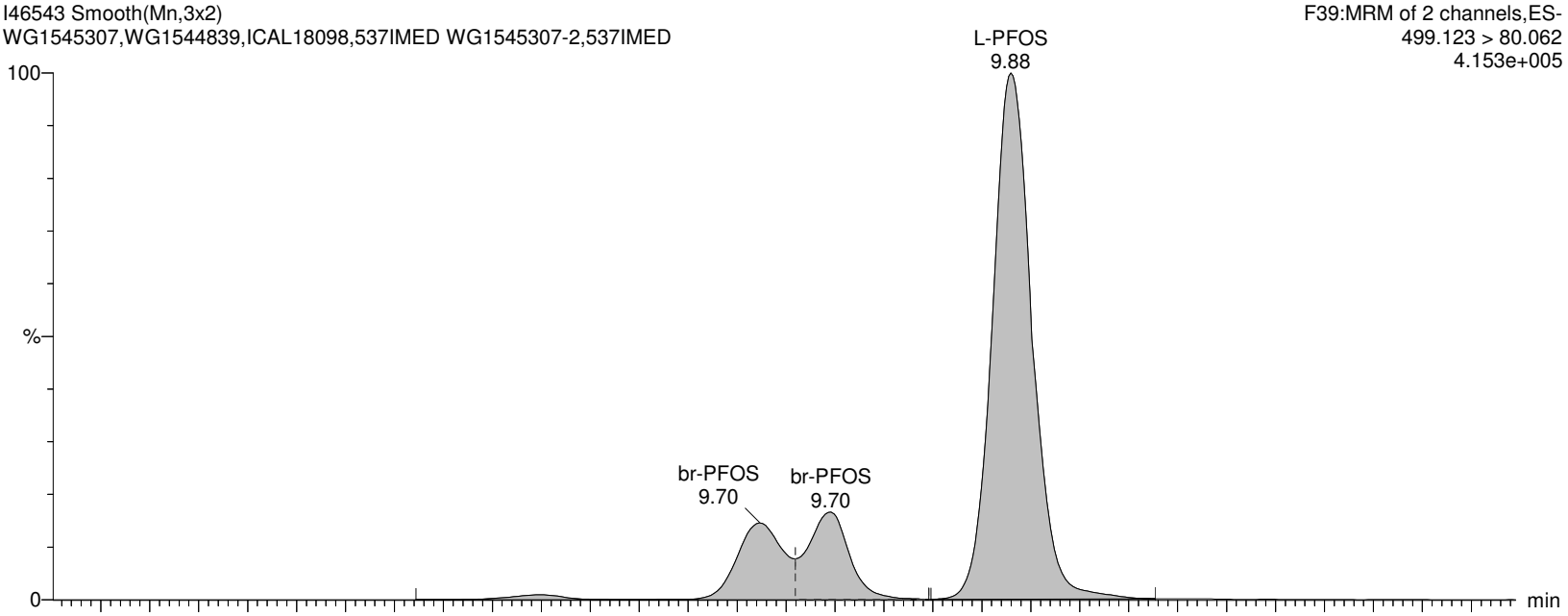


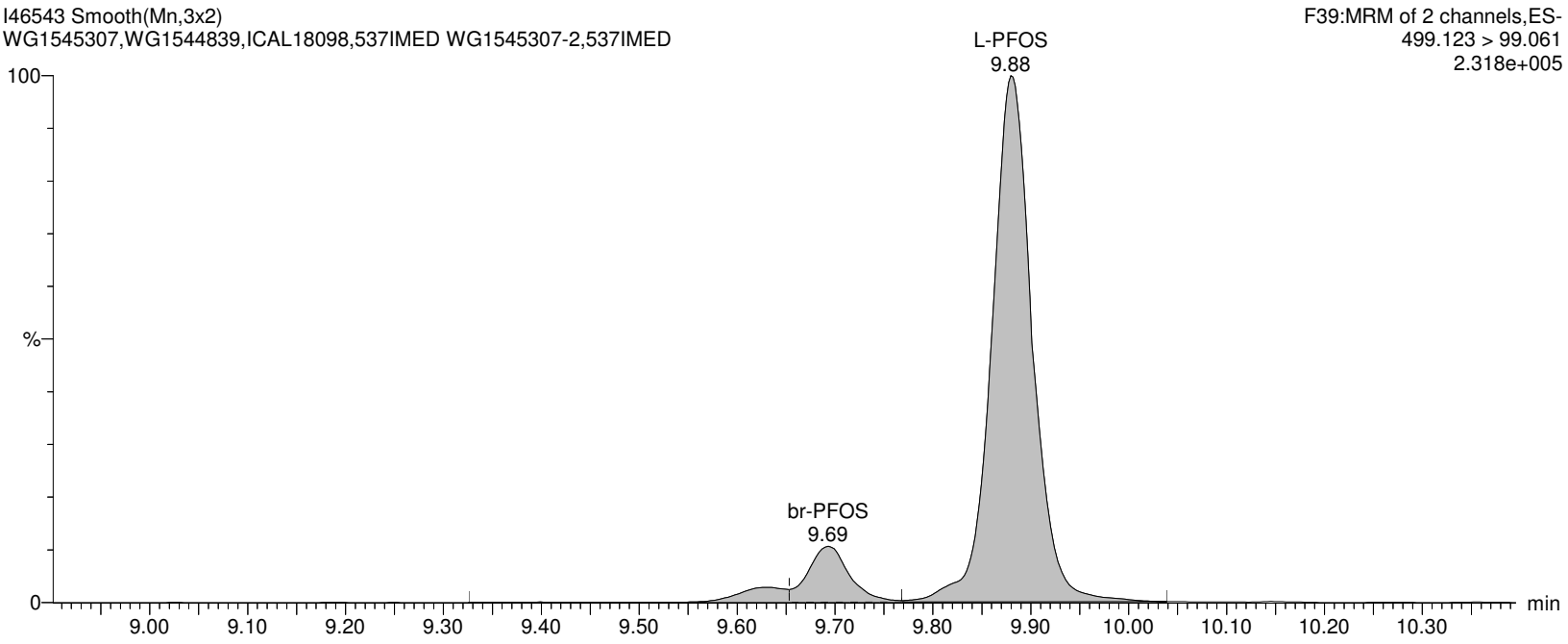
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOS



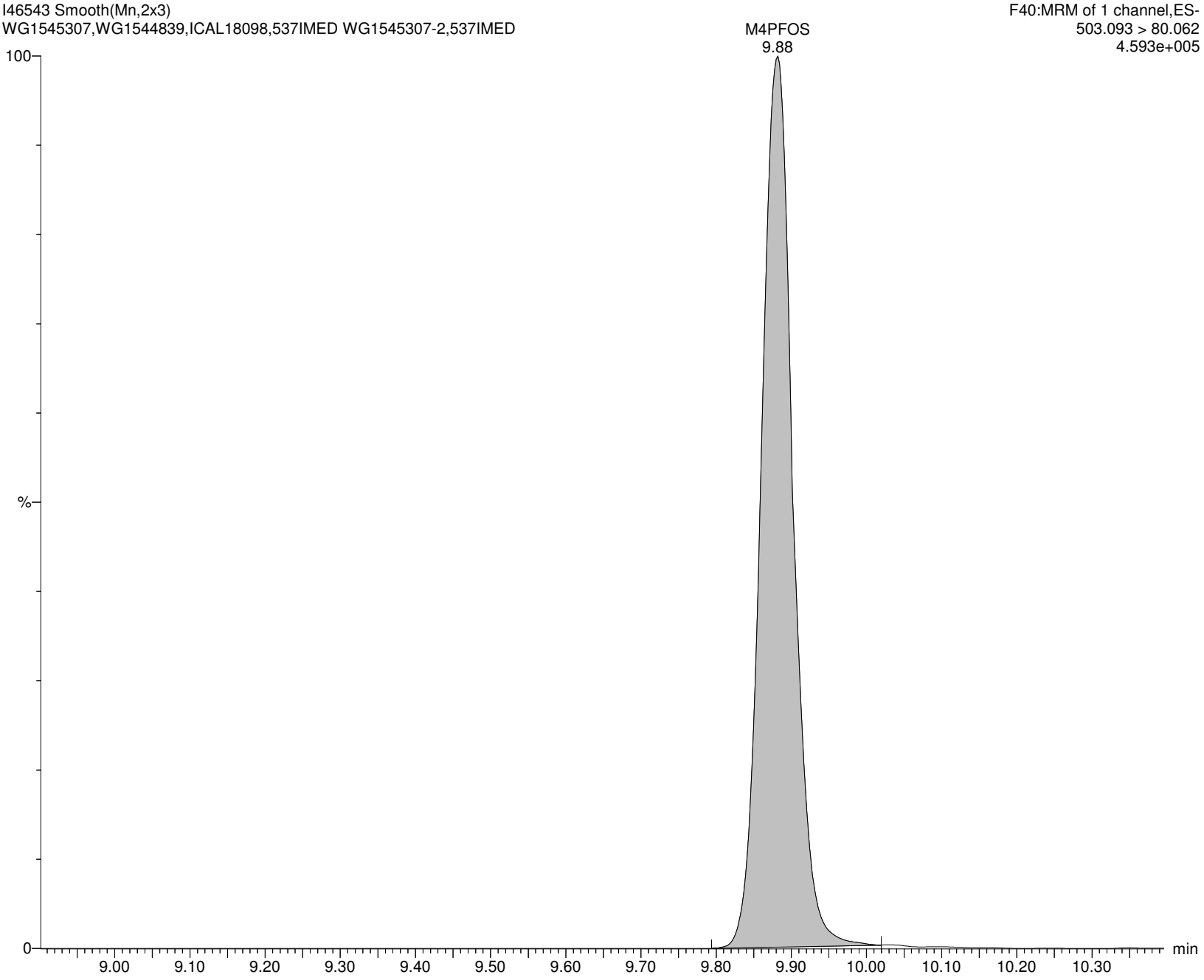


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOS

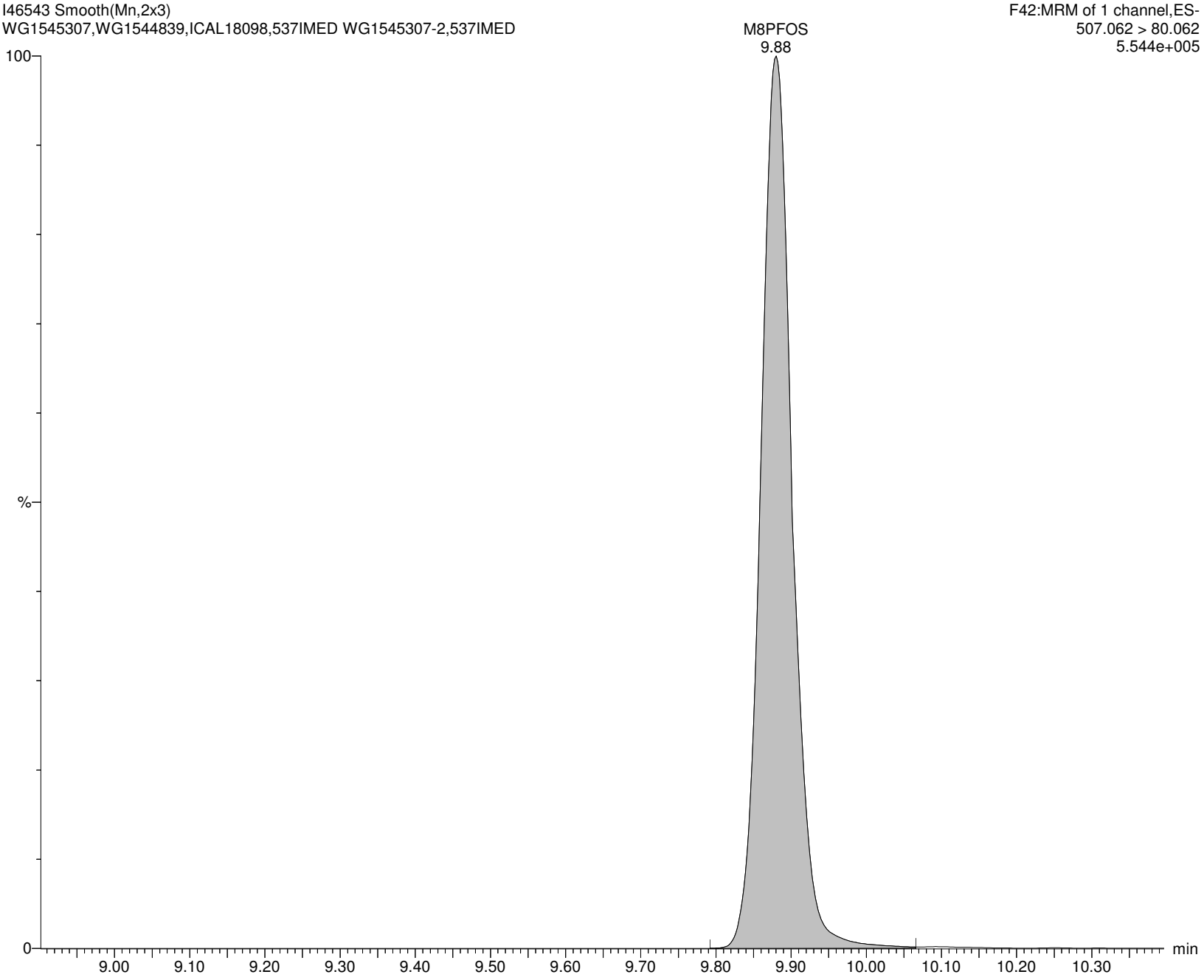


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOS

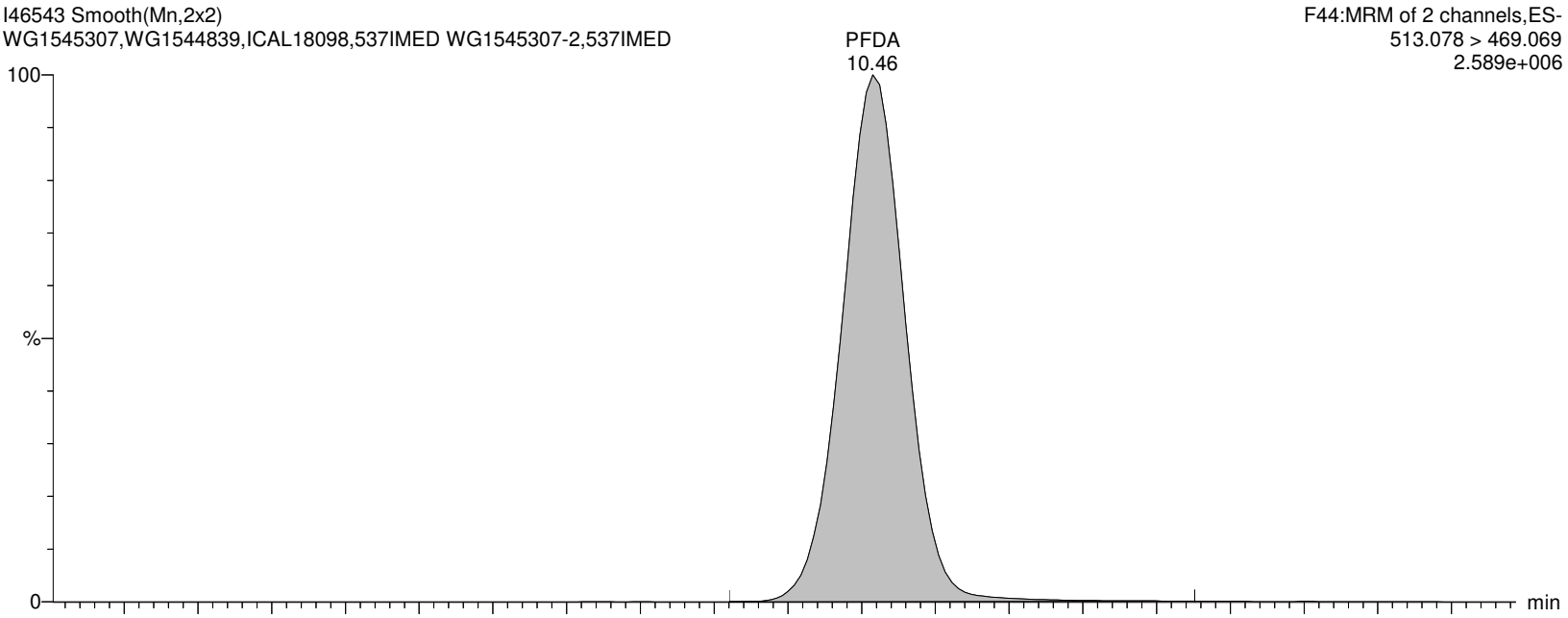


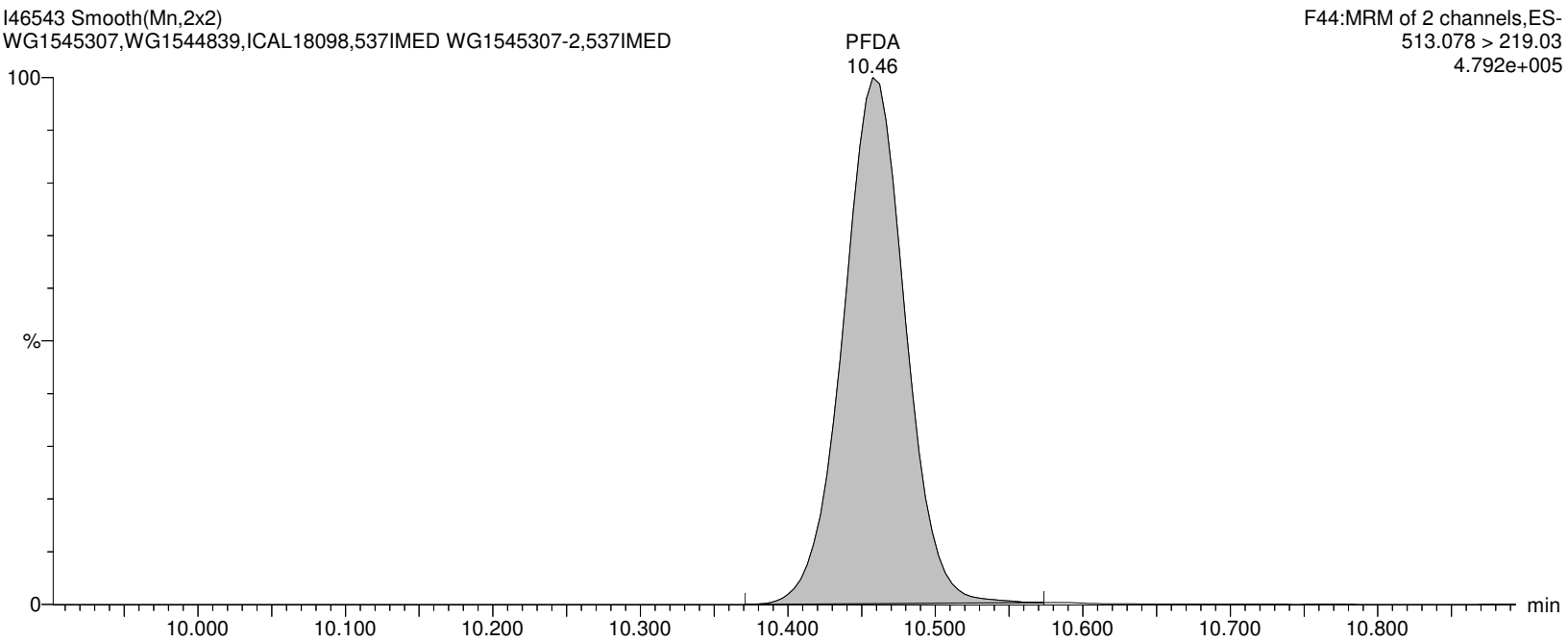
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDA



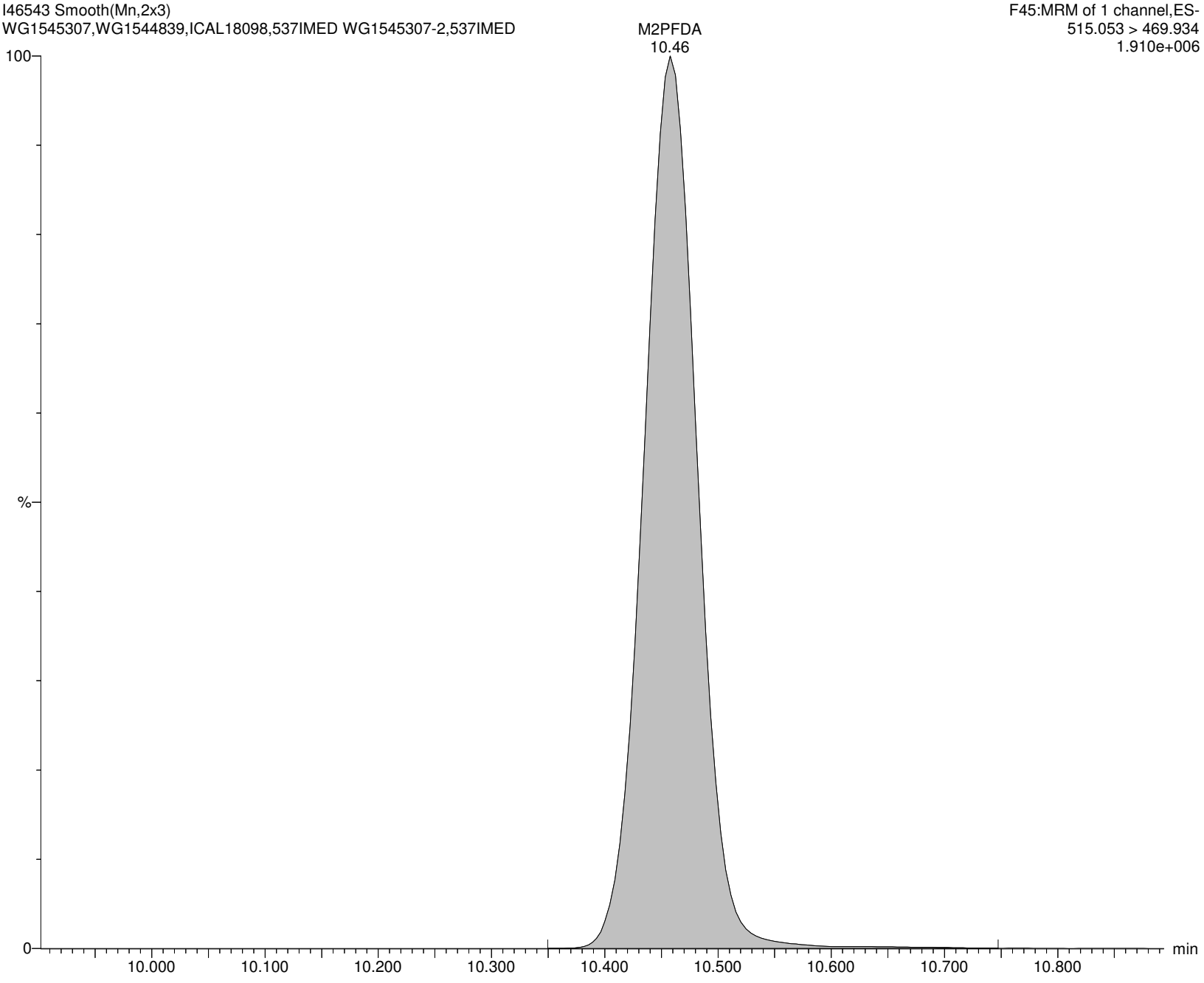


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFDA

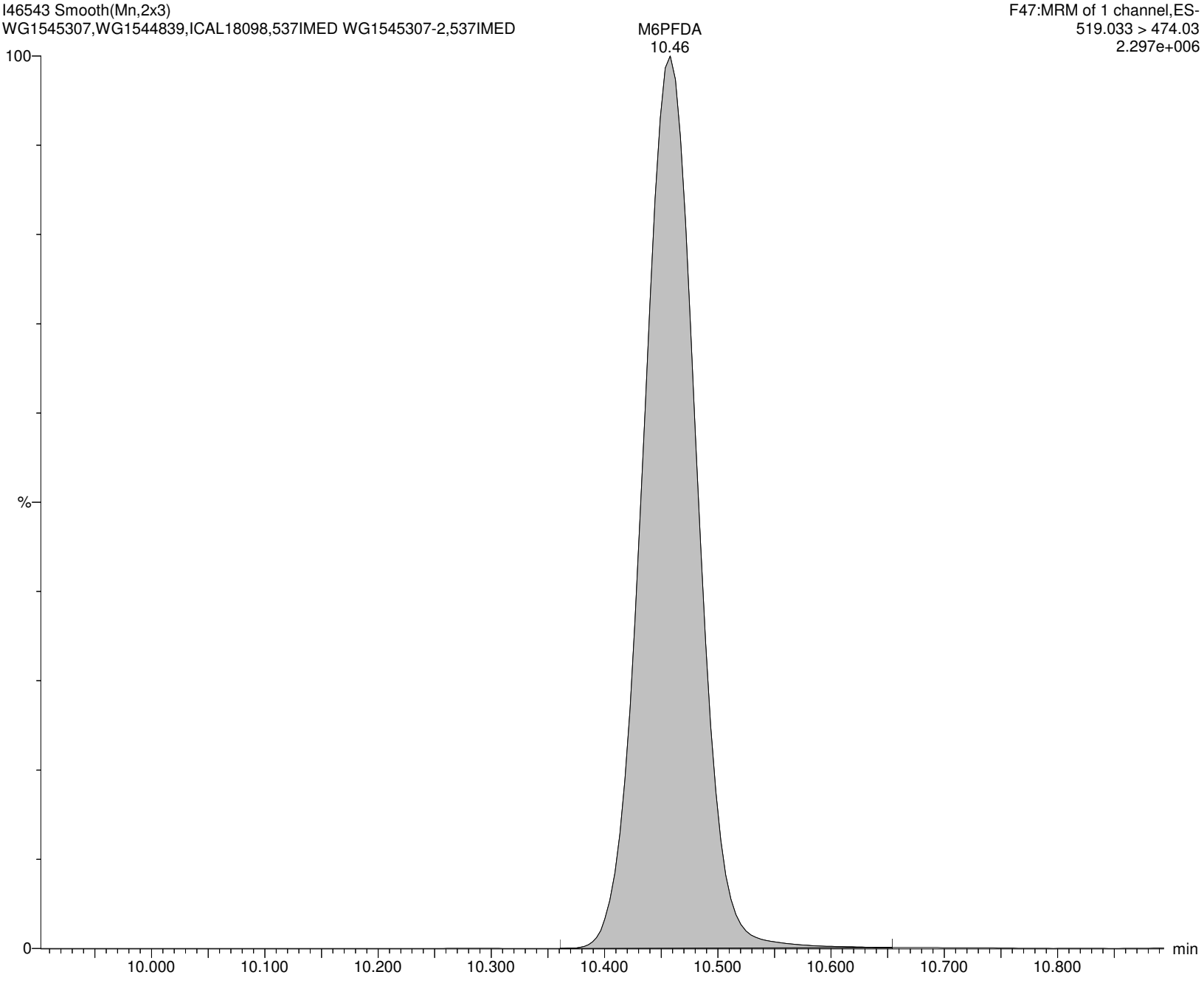


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M6PFDA

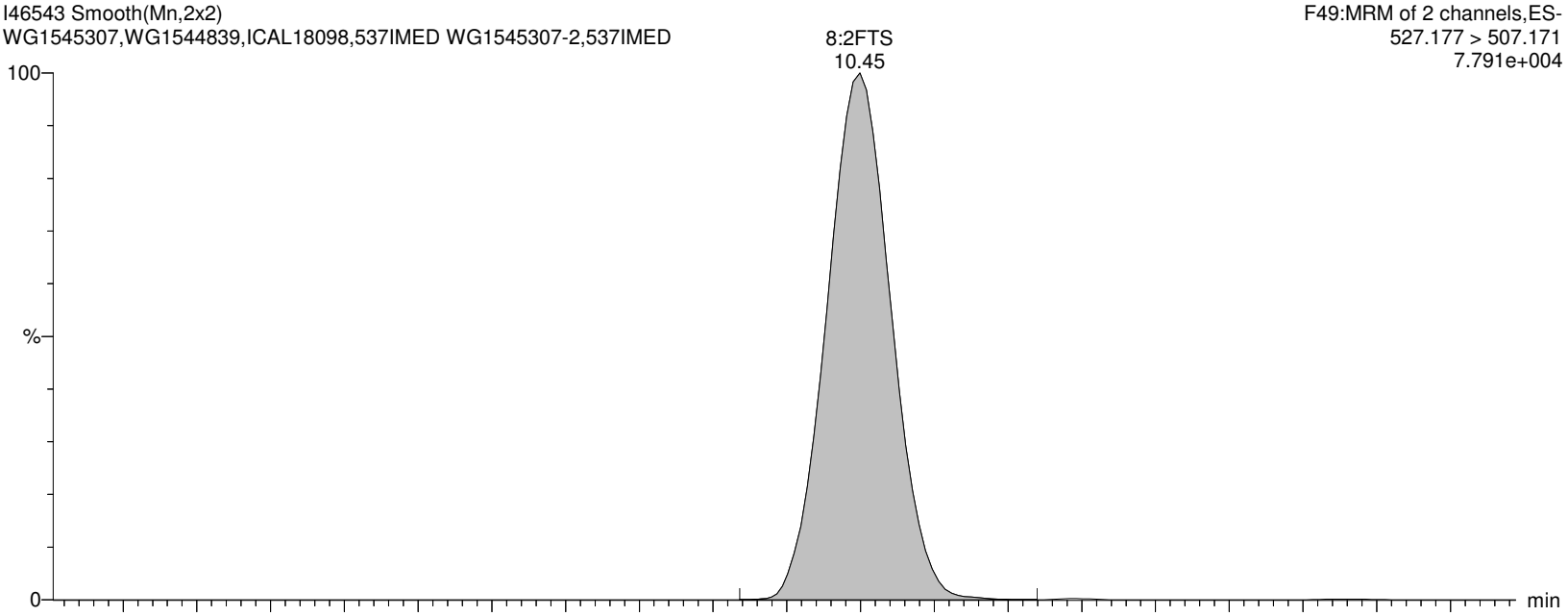


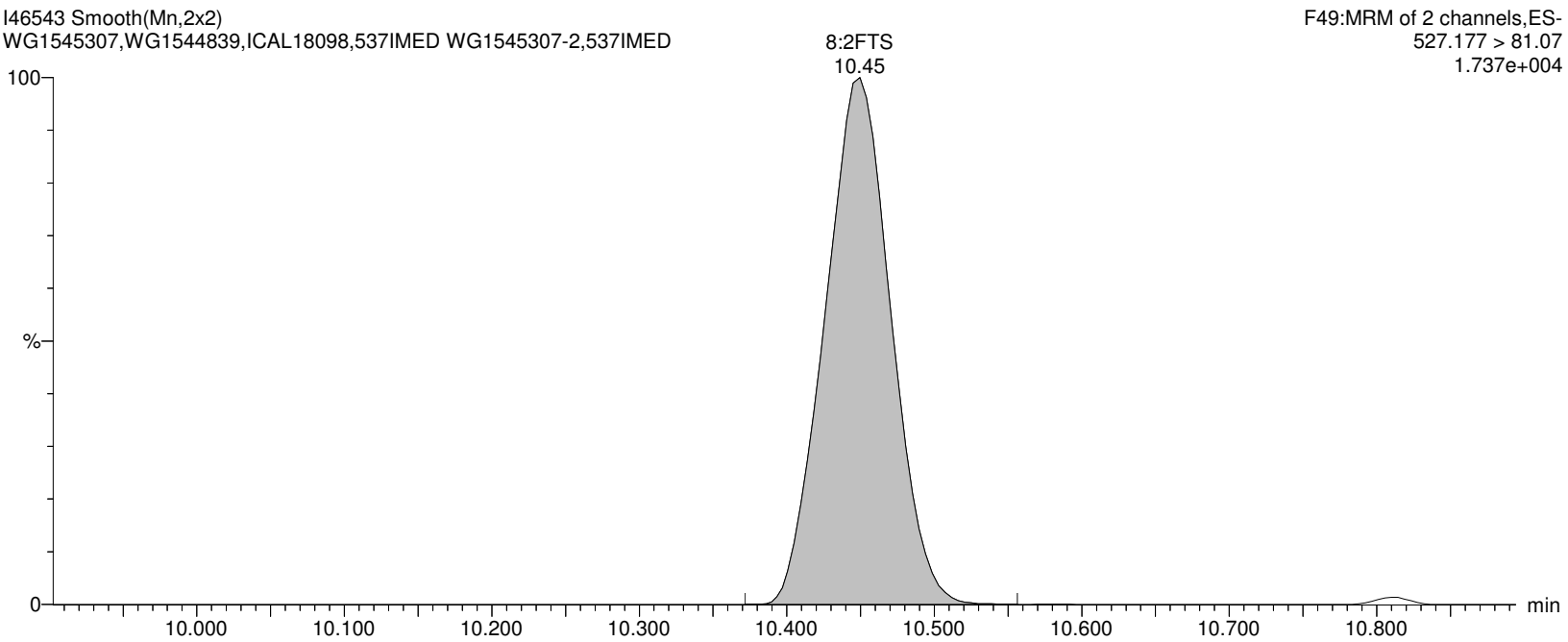
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

8:2FTS



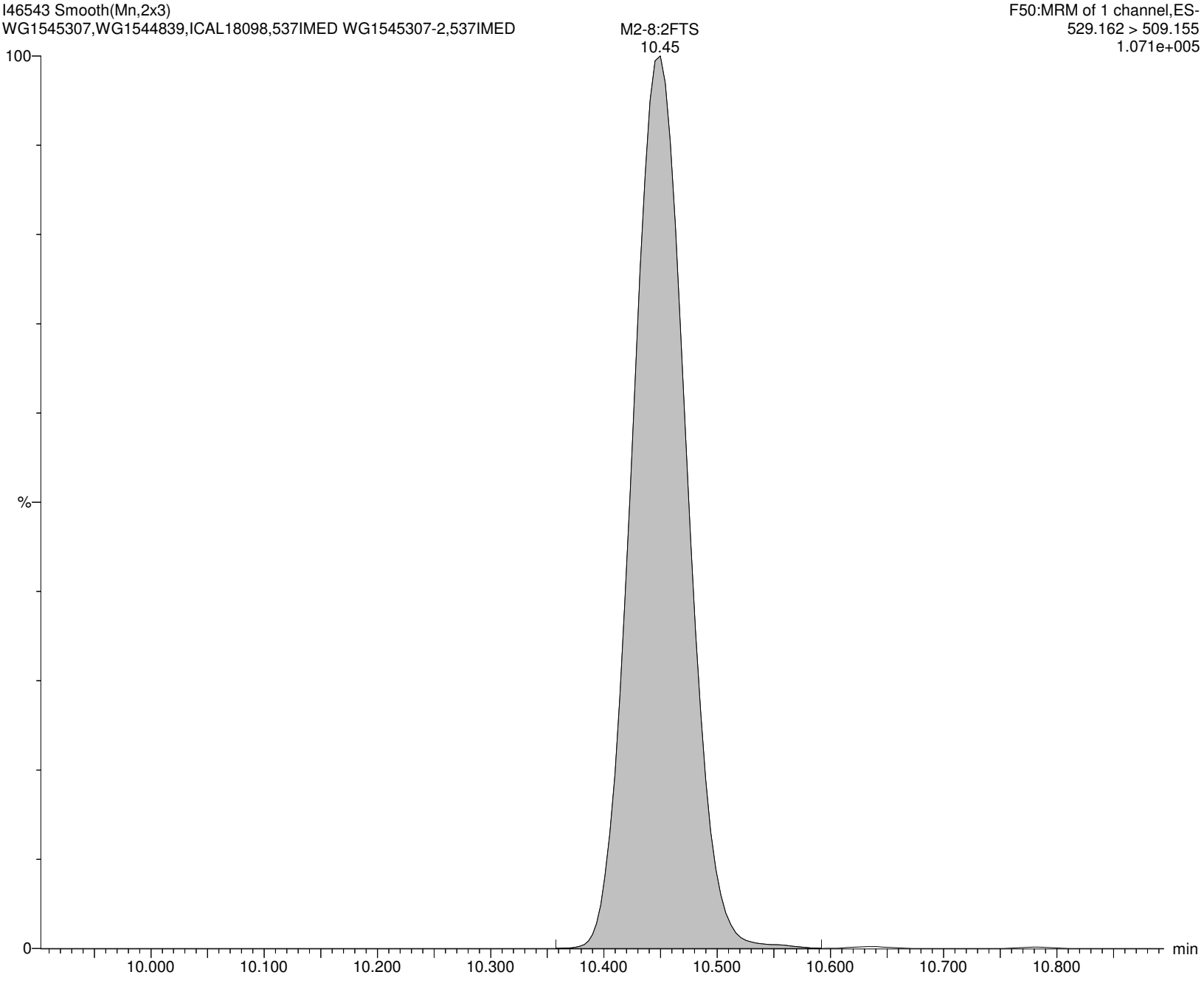


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-8:2FTS

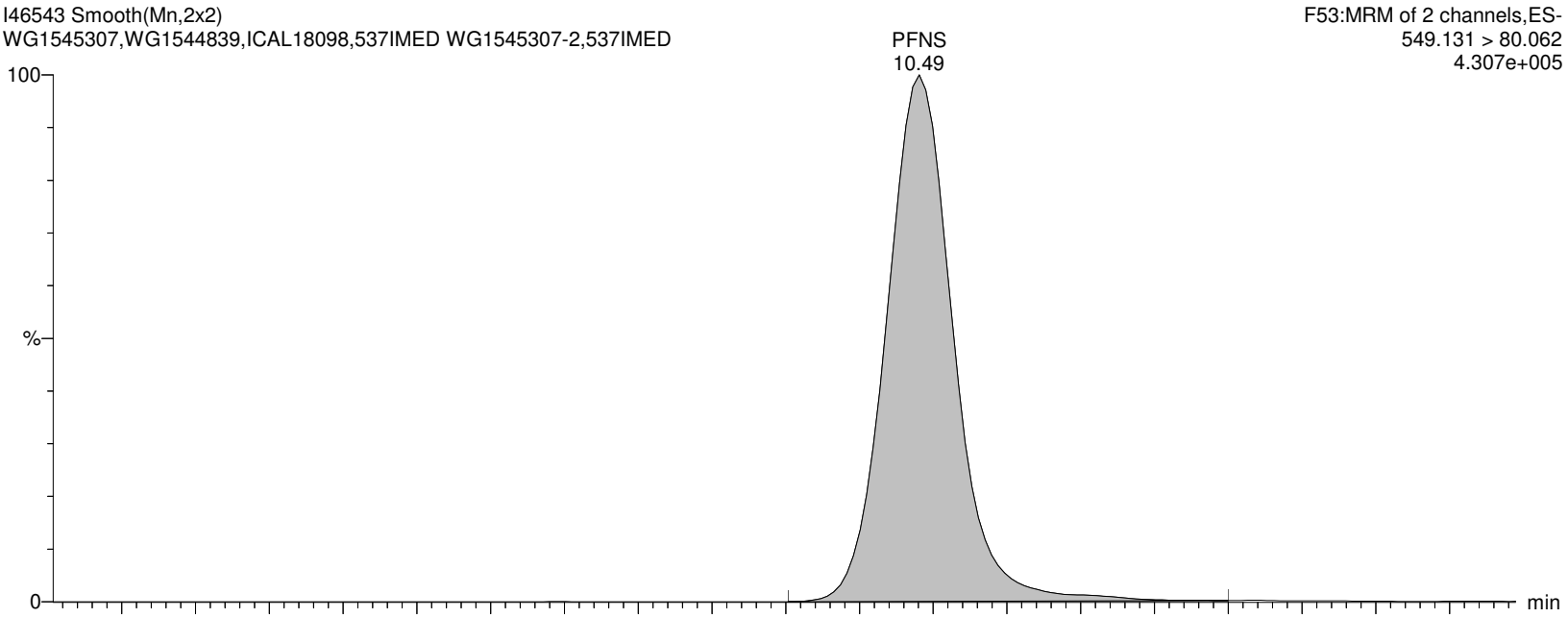


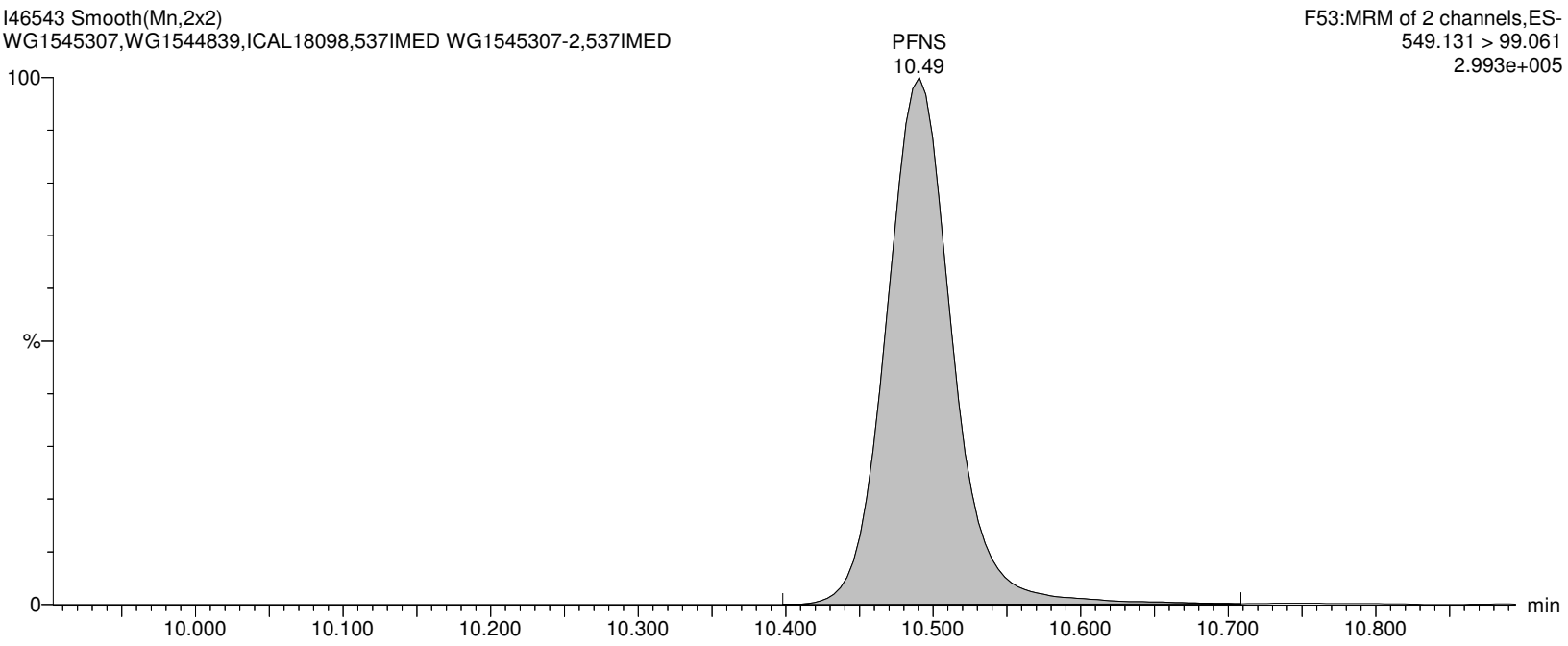
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNS



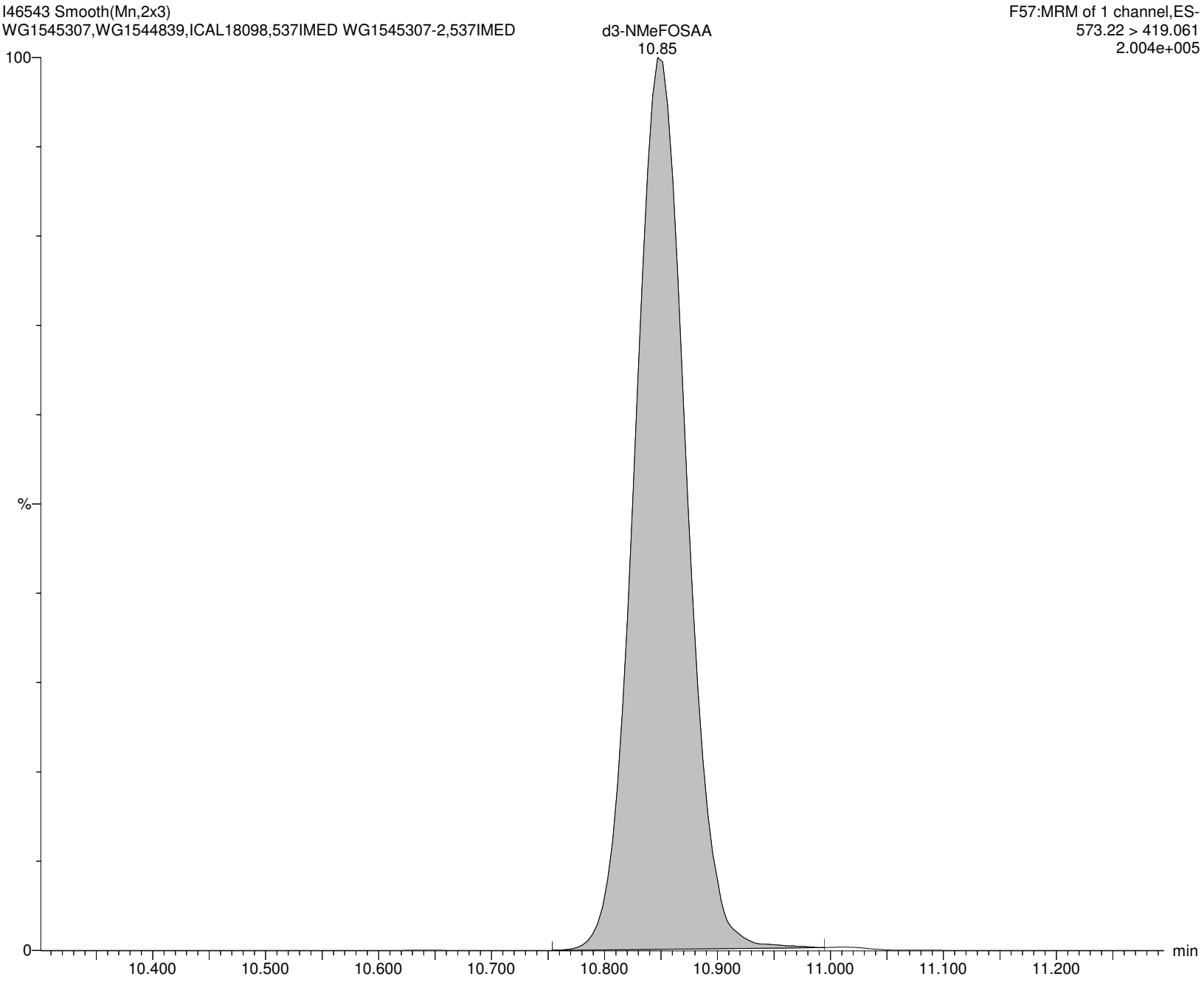


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSAA

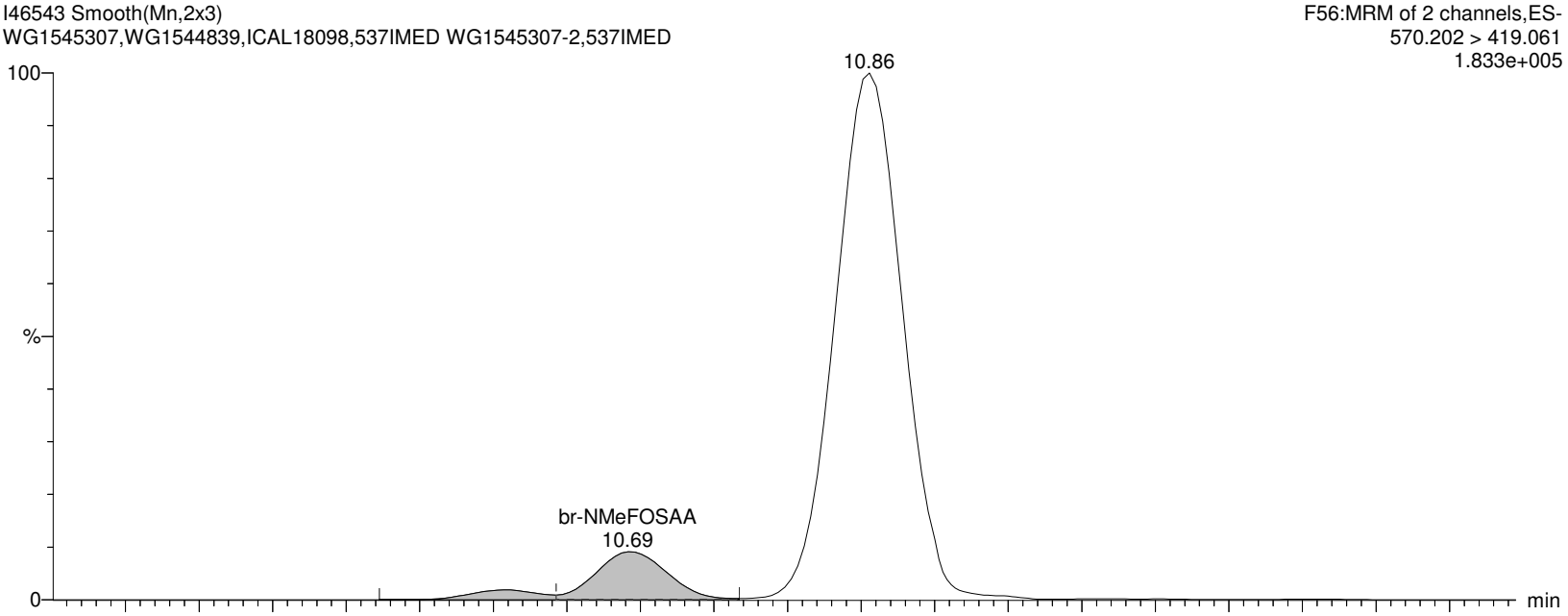


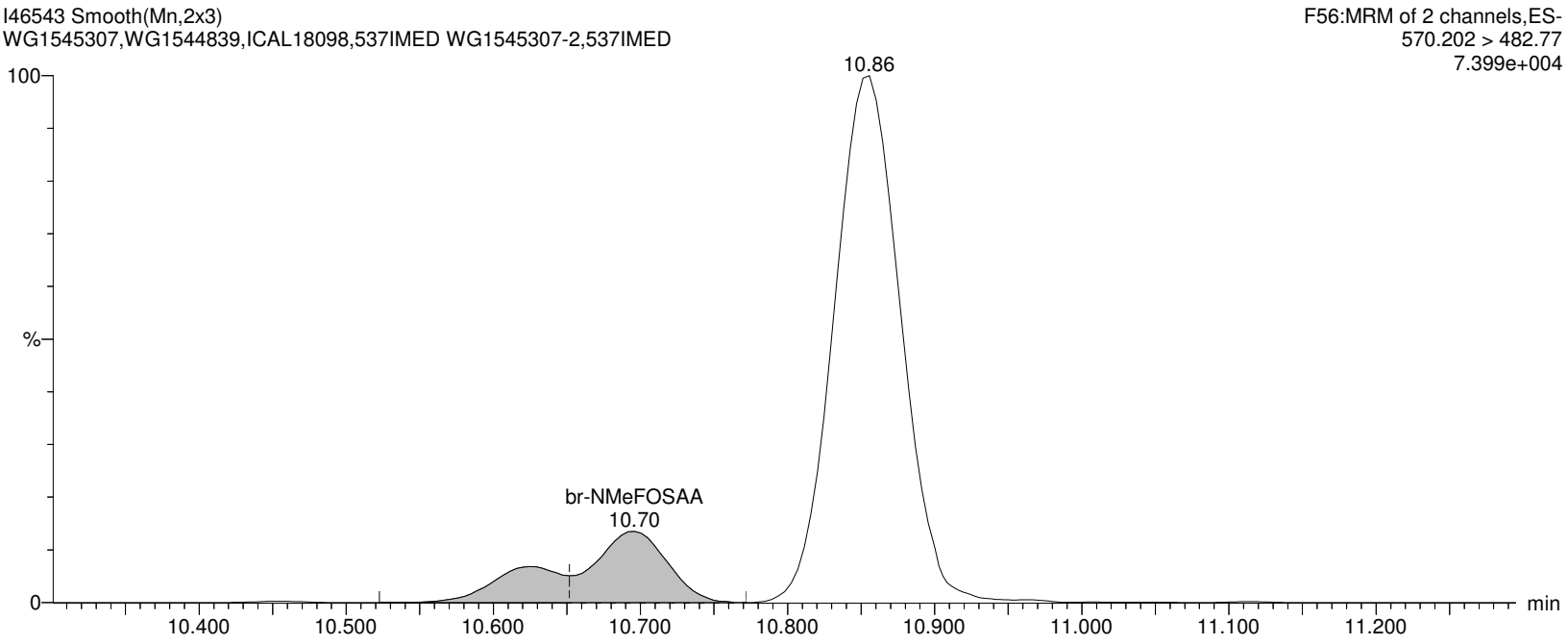
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NMeFOSAA



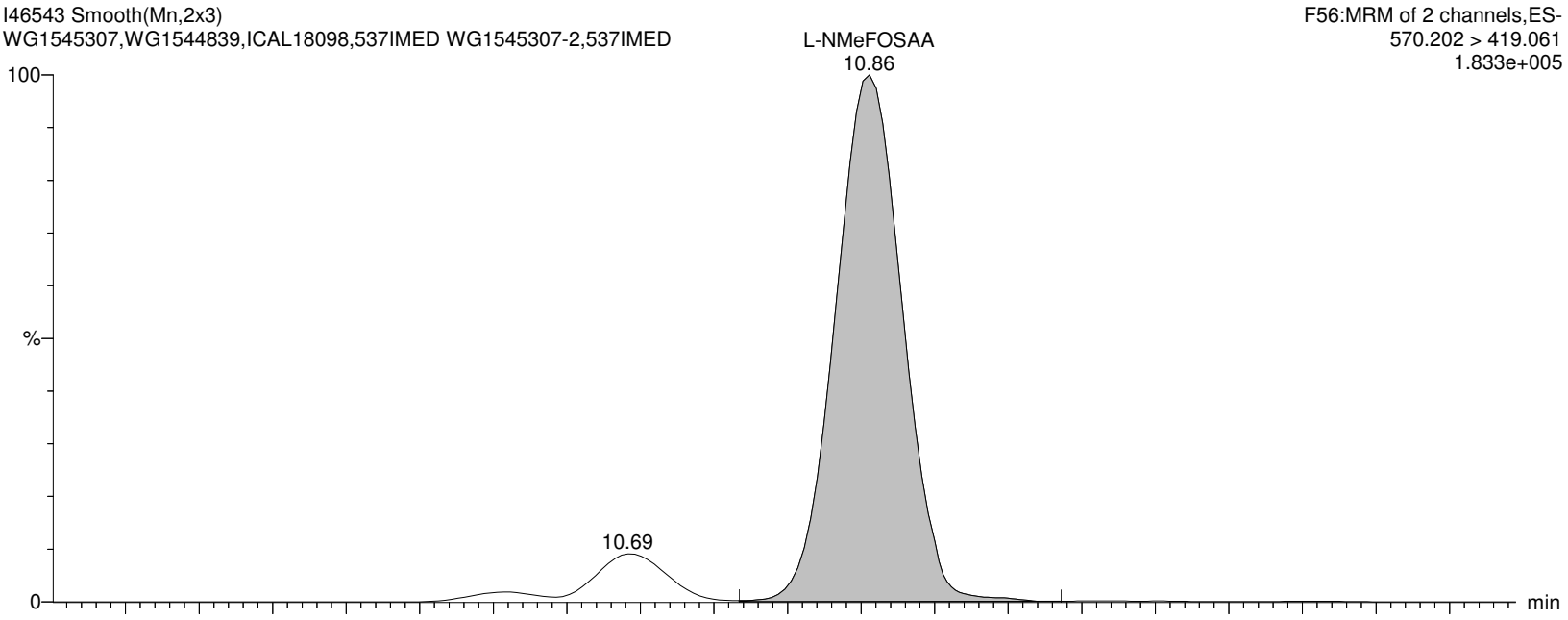


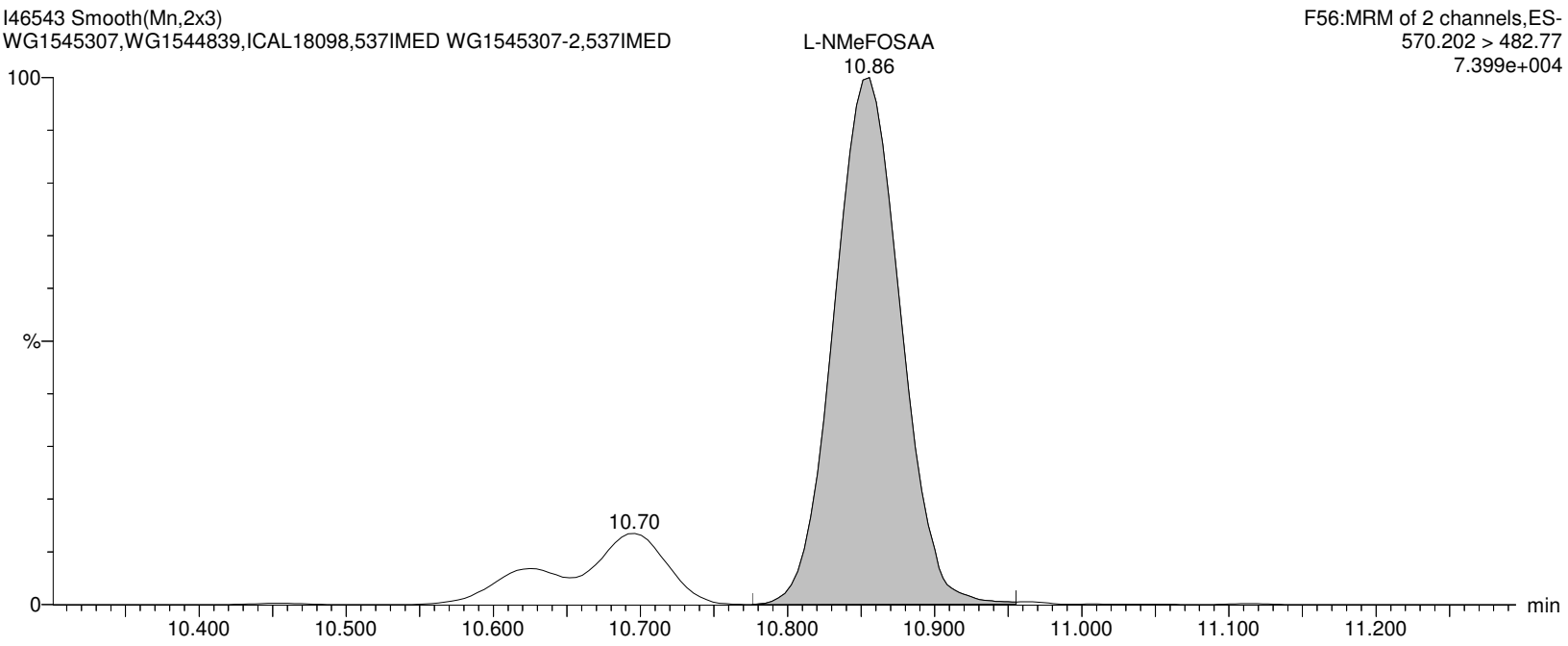
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NMeFOSAA



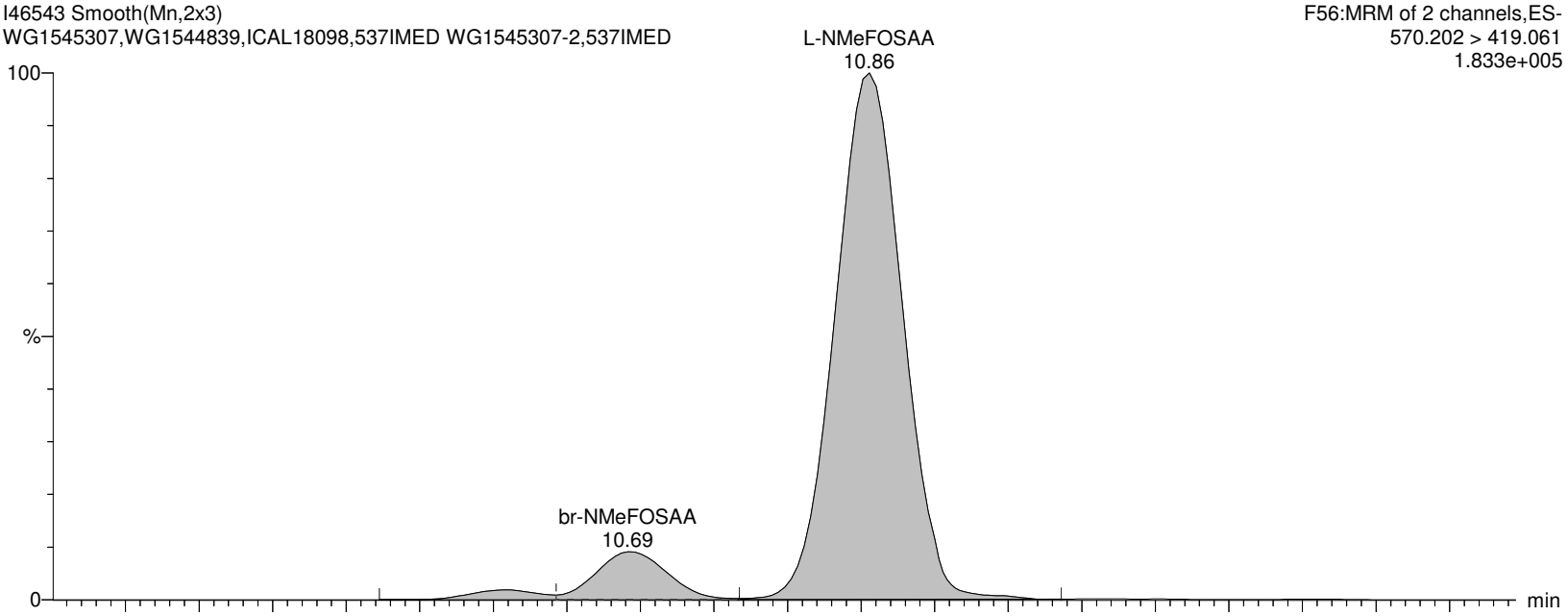


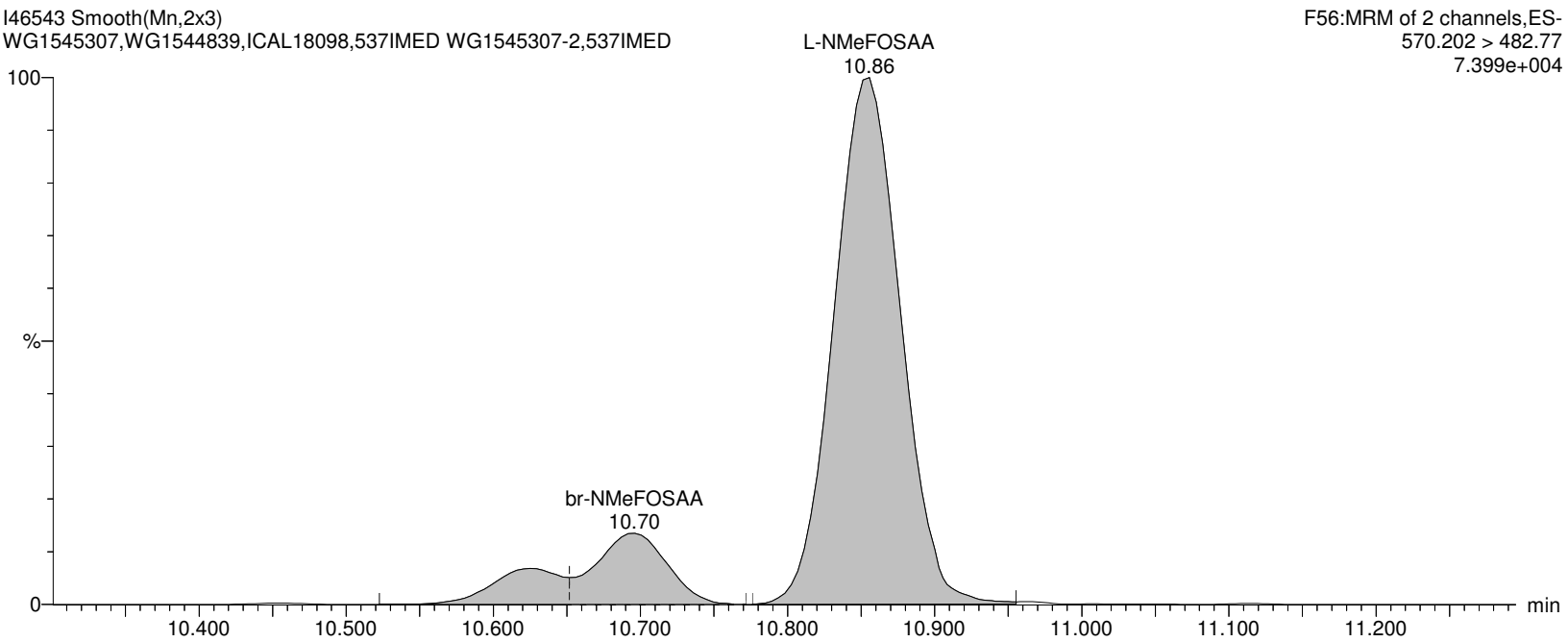
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSAA



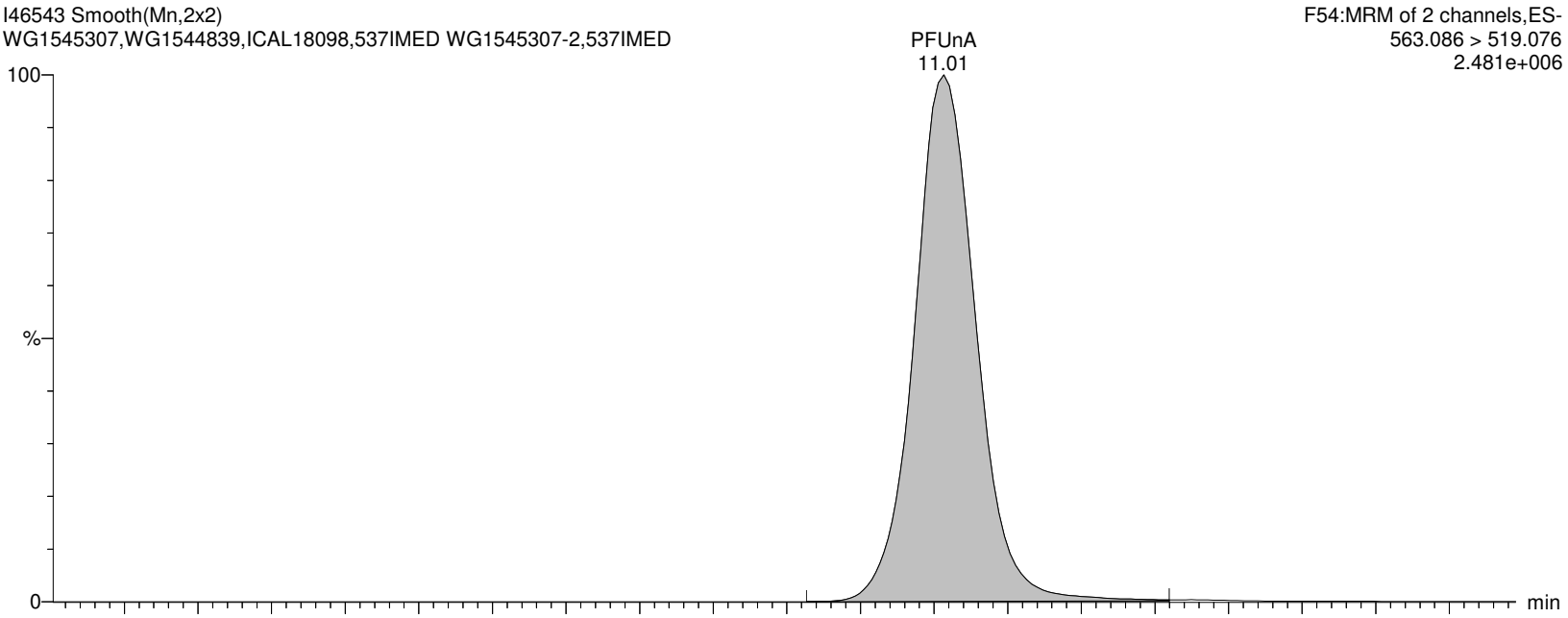


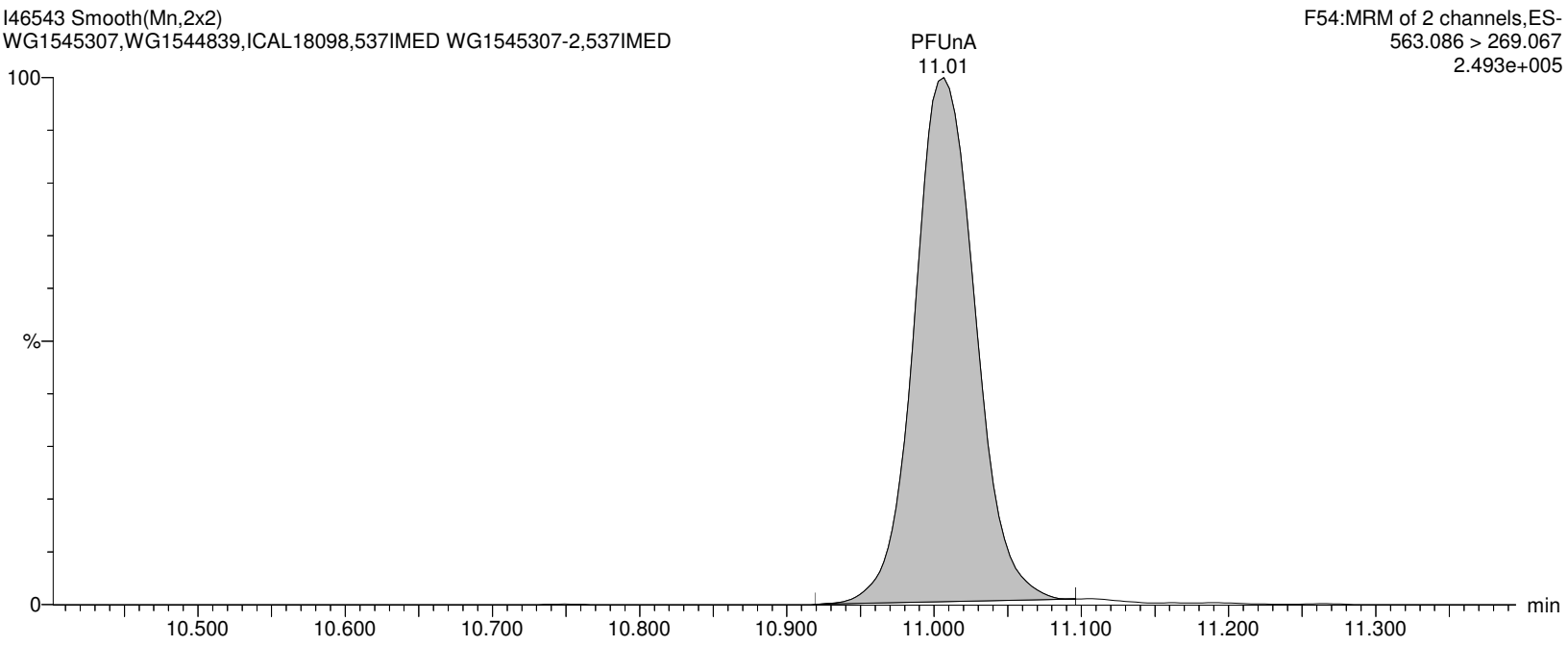
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFUnA



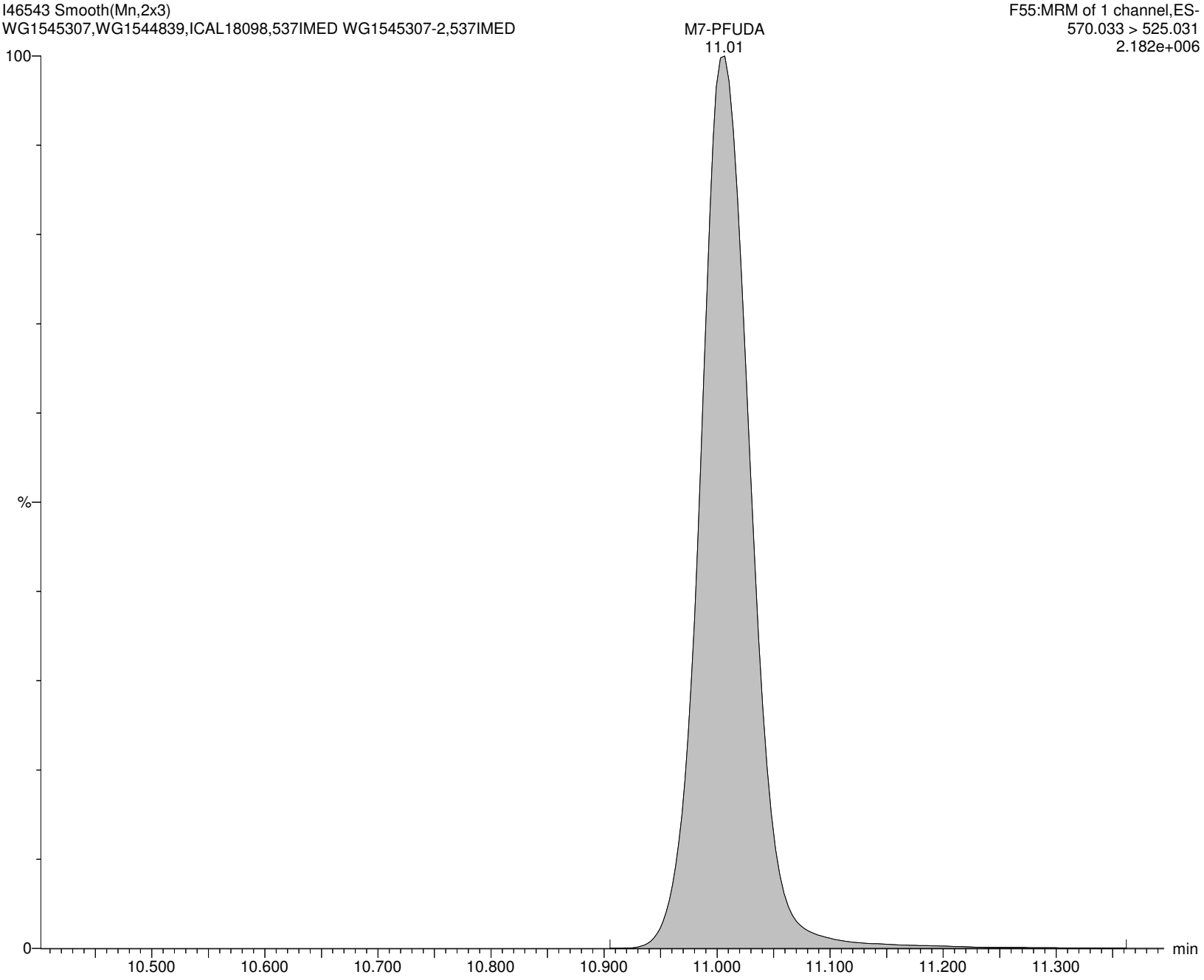


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M7-PFUDA

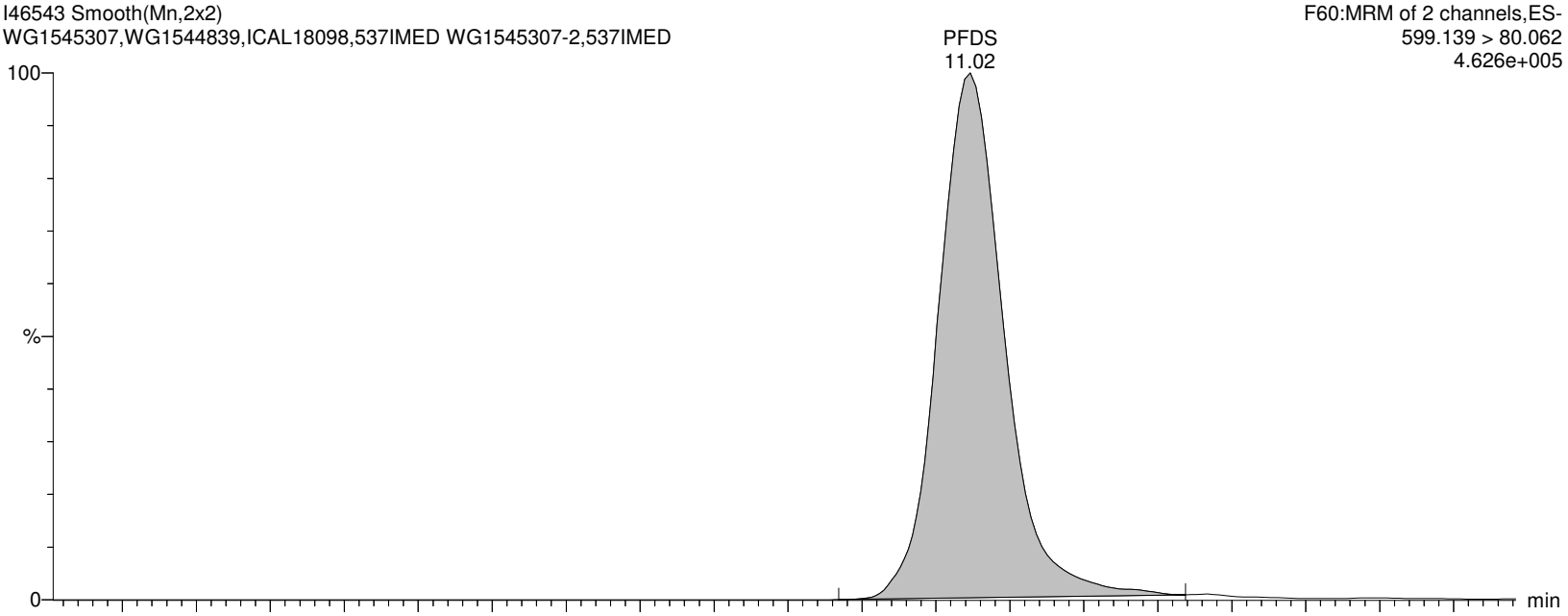


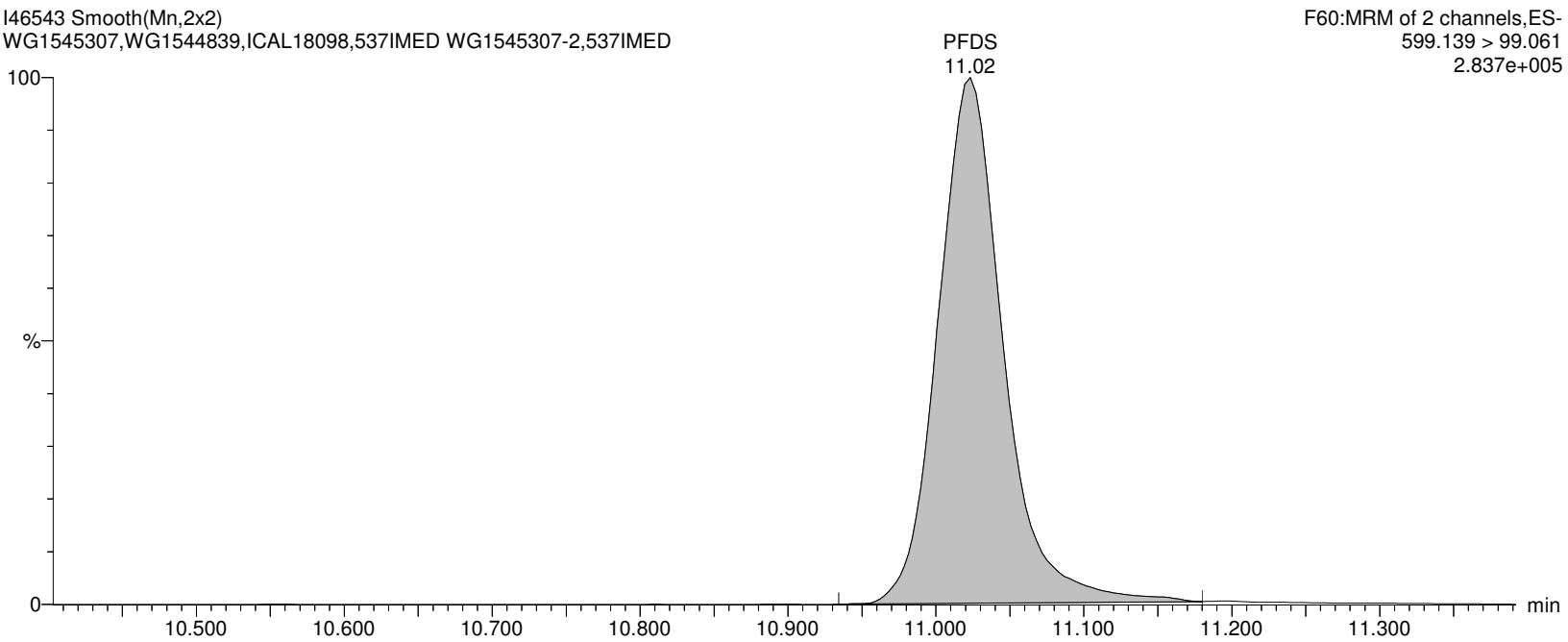
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDS



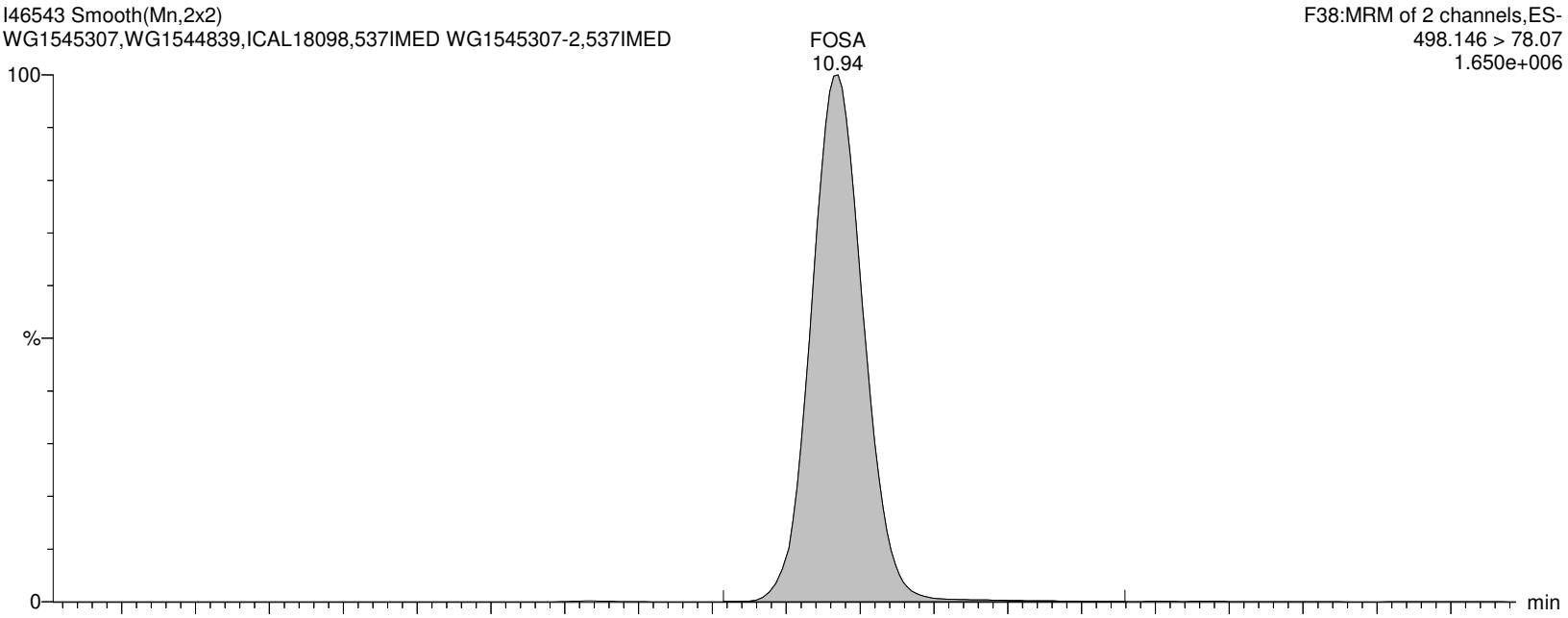


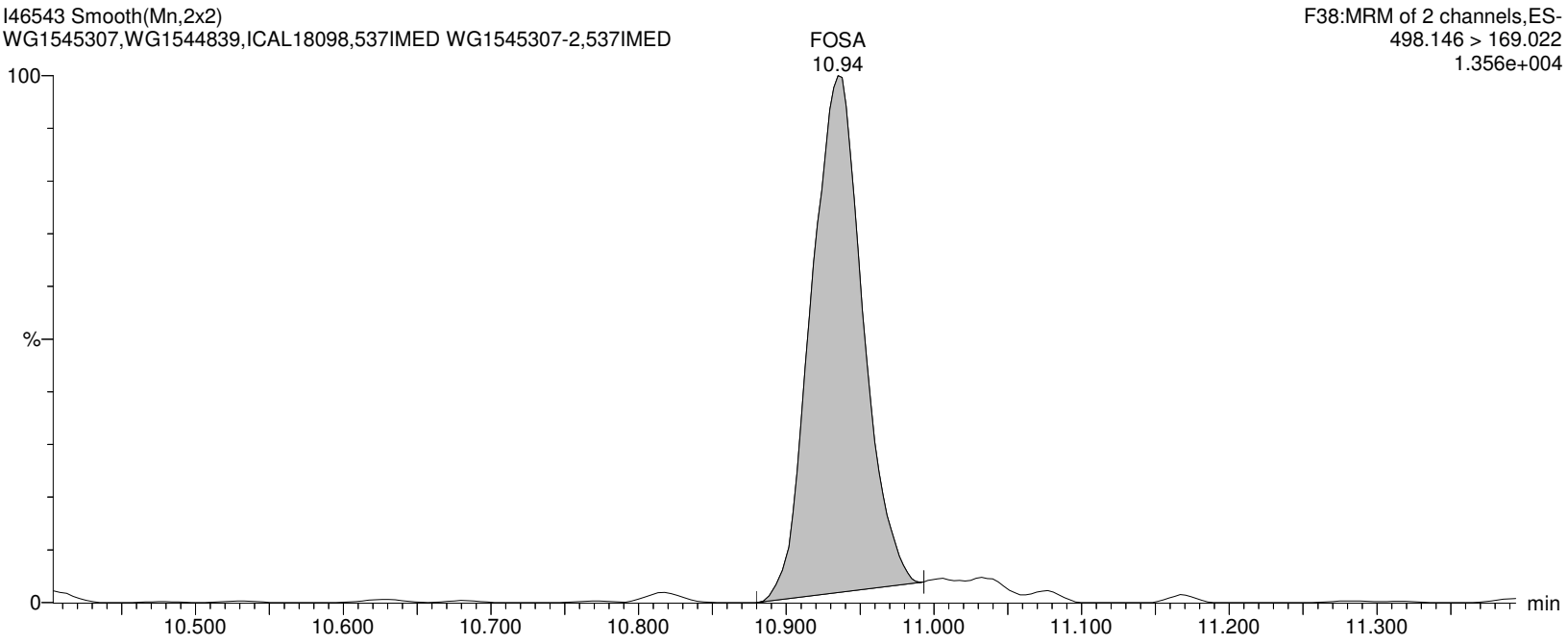
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

FOSA



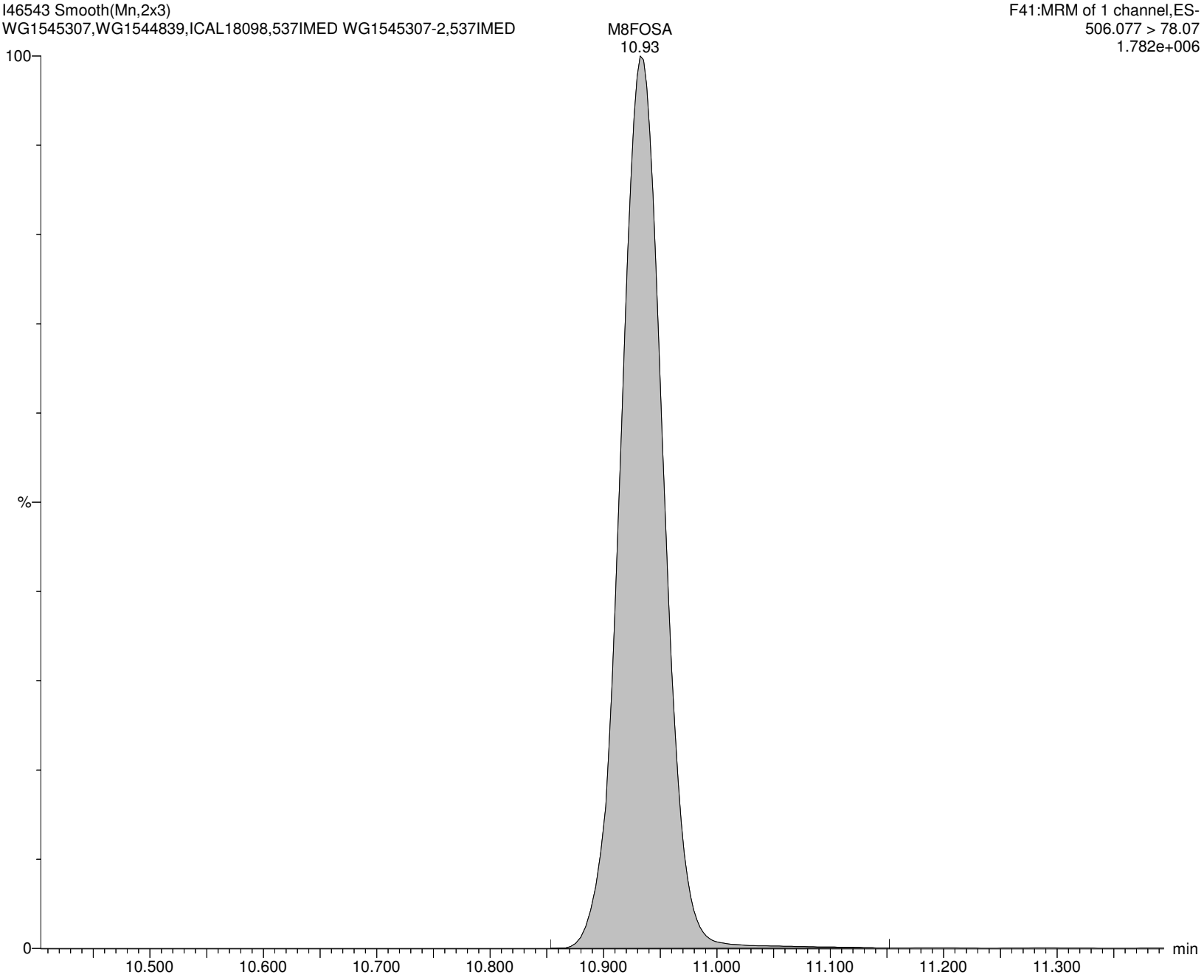


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8FOSA

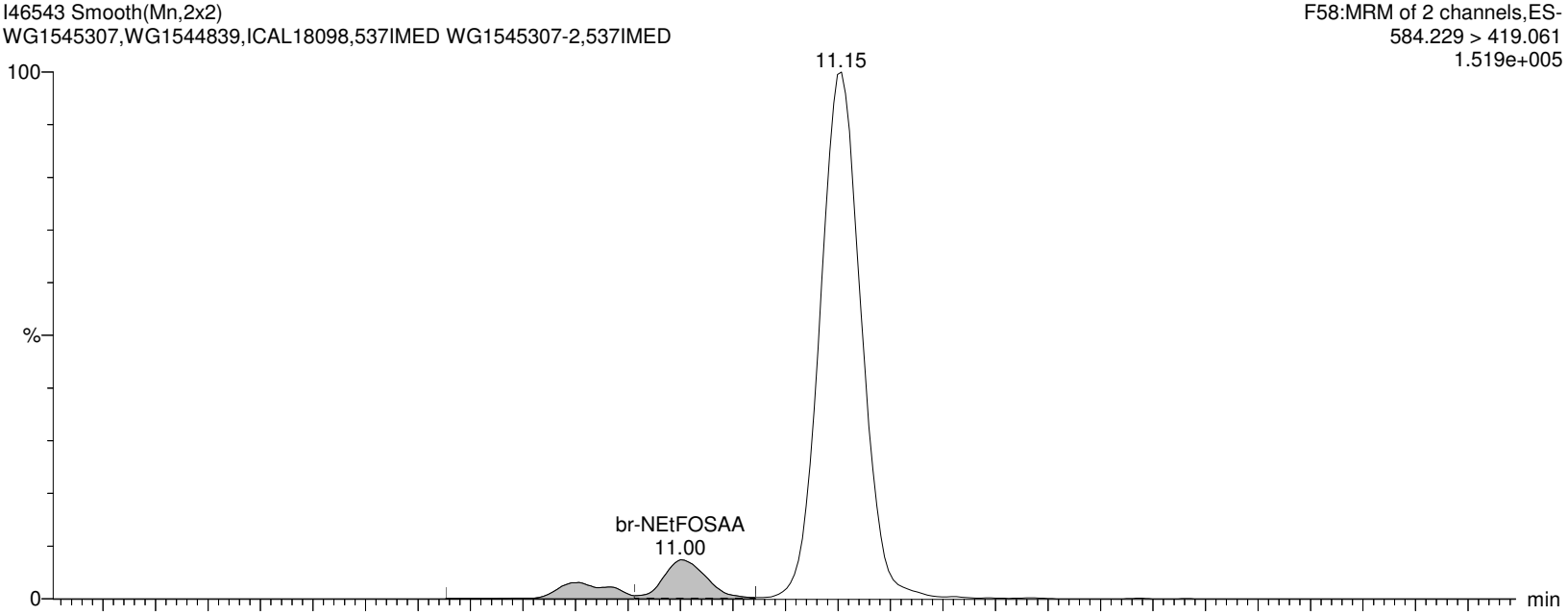


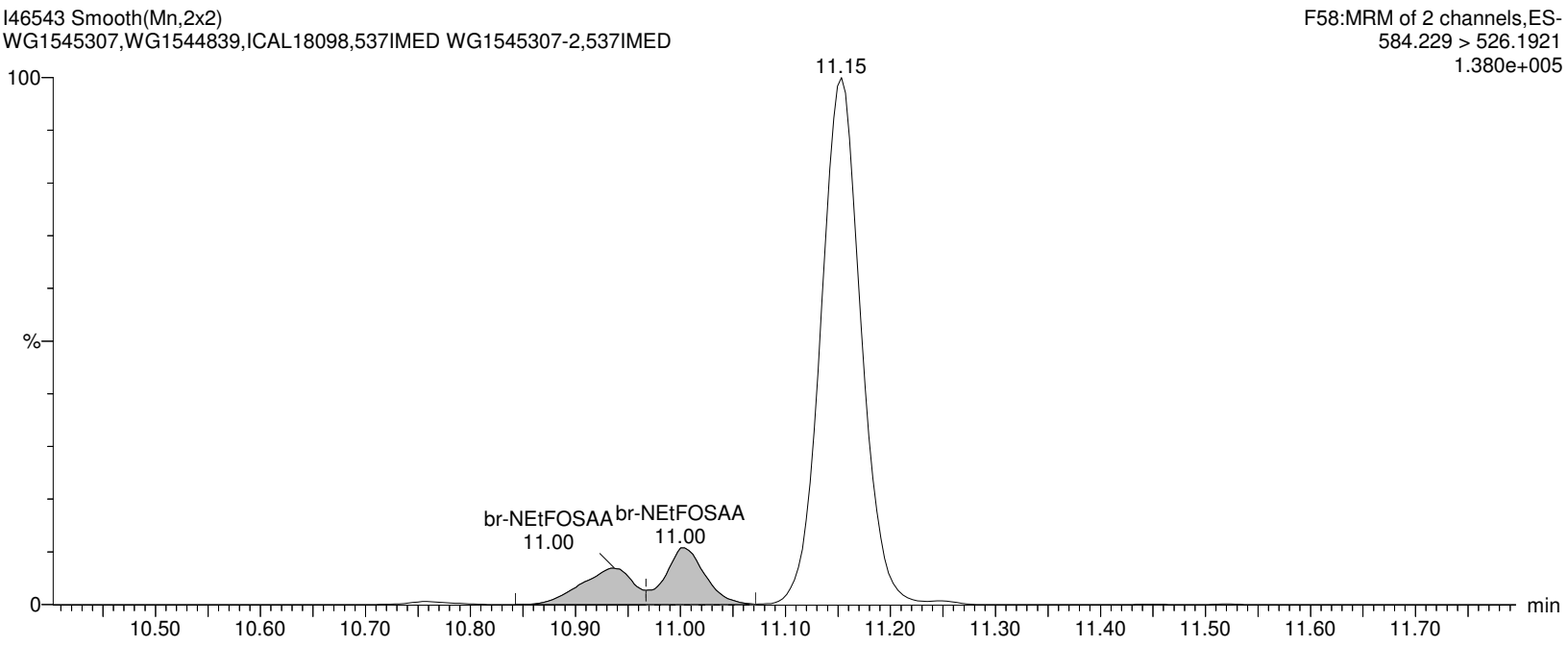
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NEtFOSAA



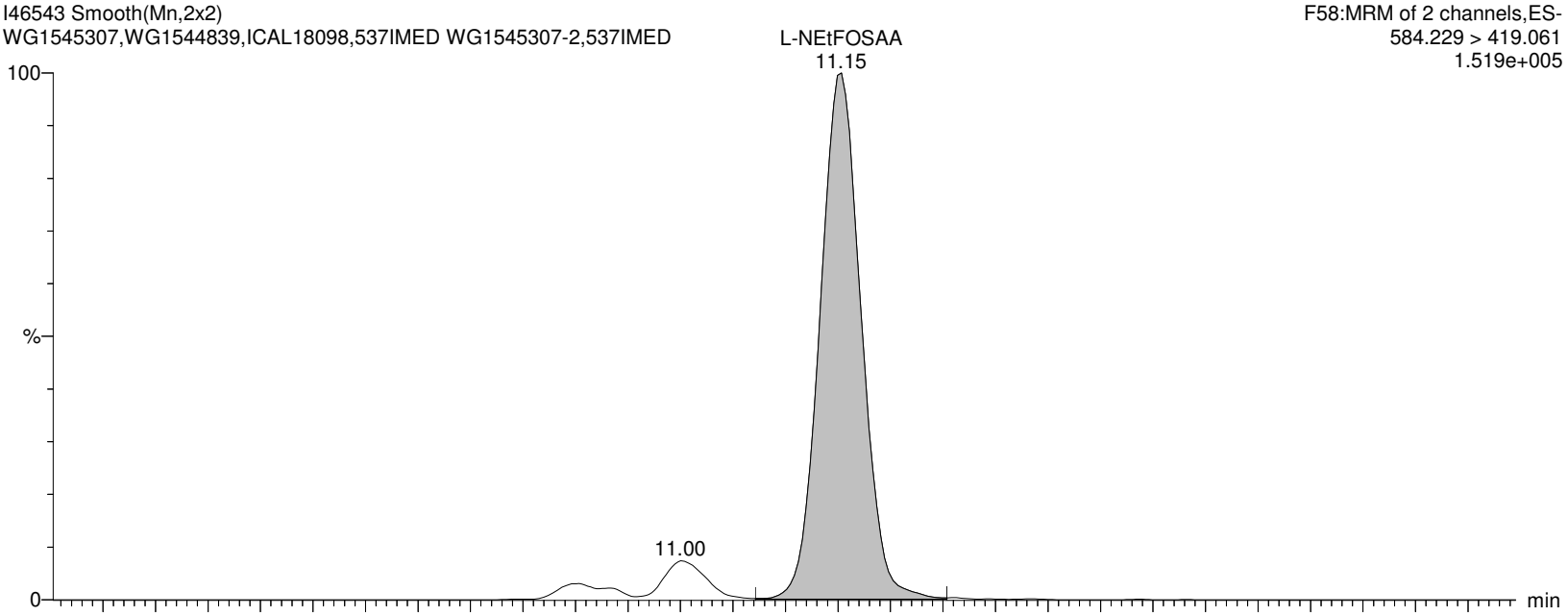


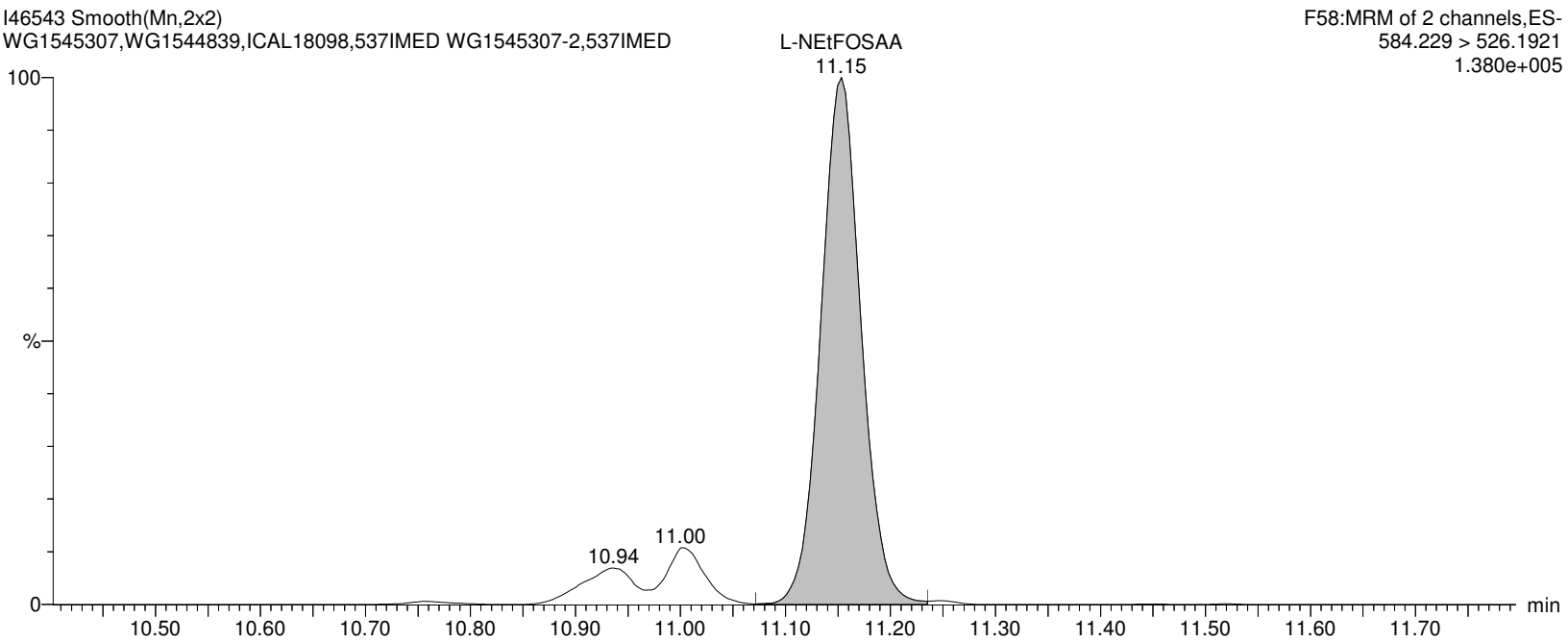
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NEtFOSAA



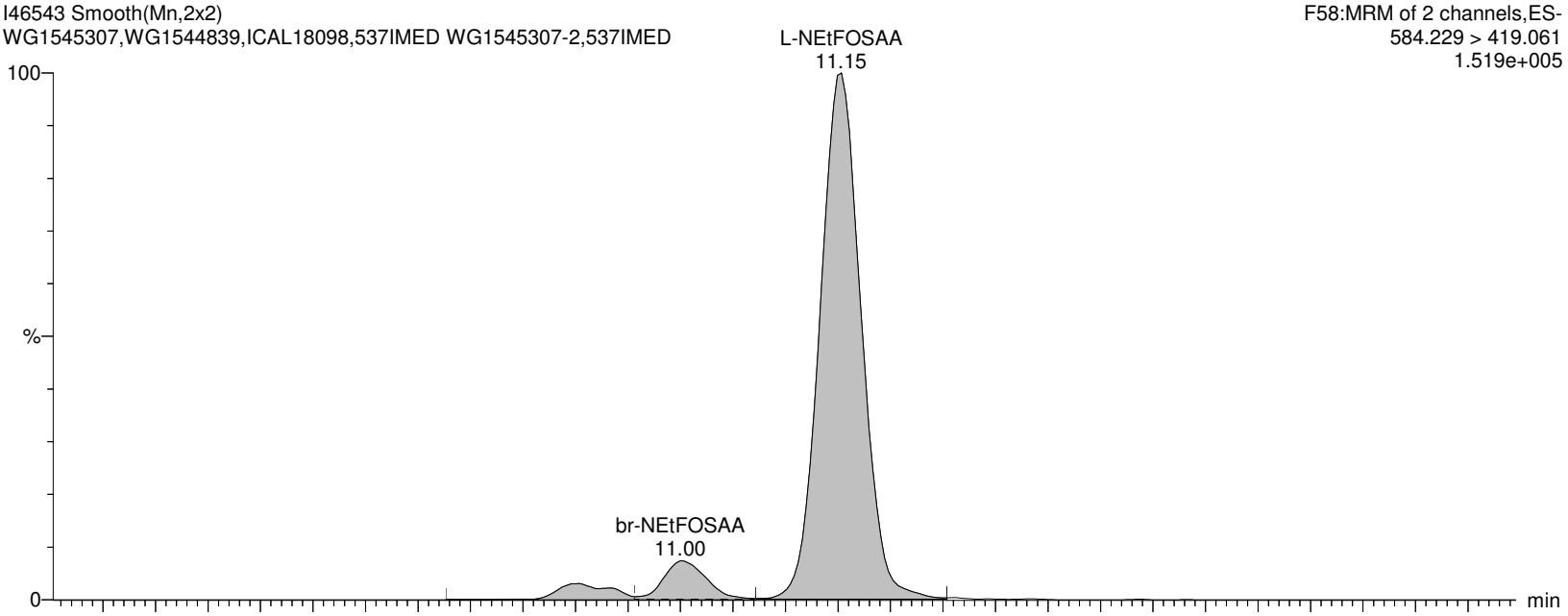


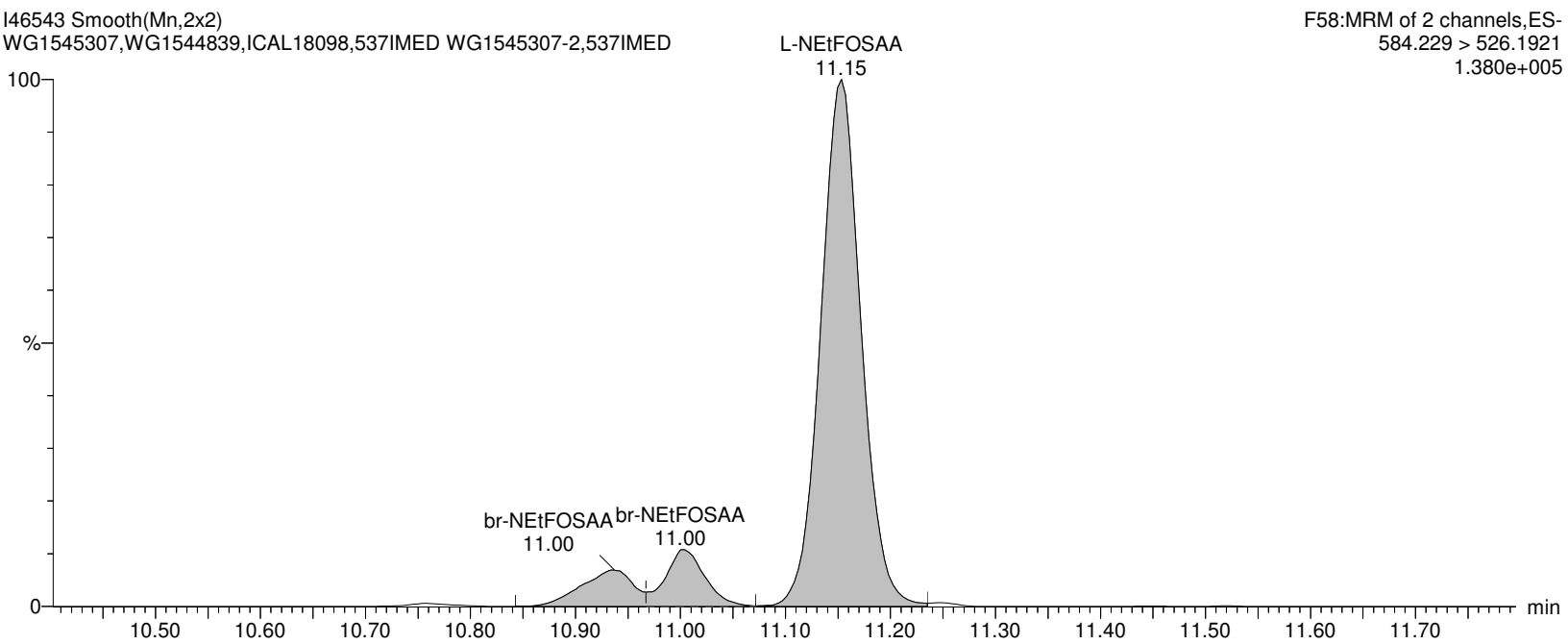
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSAA



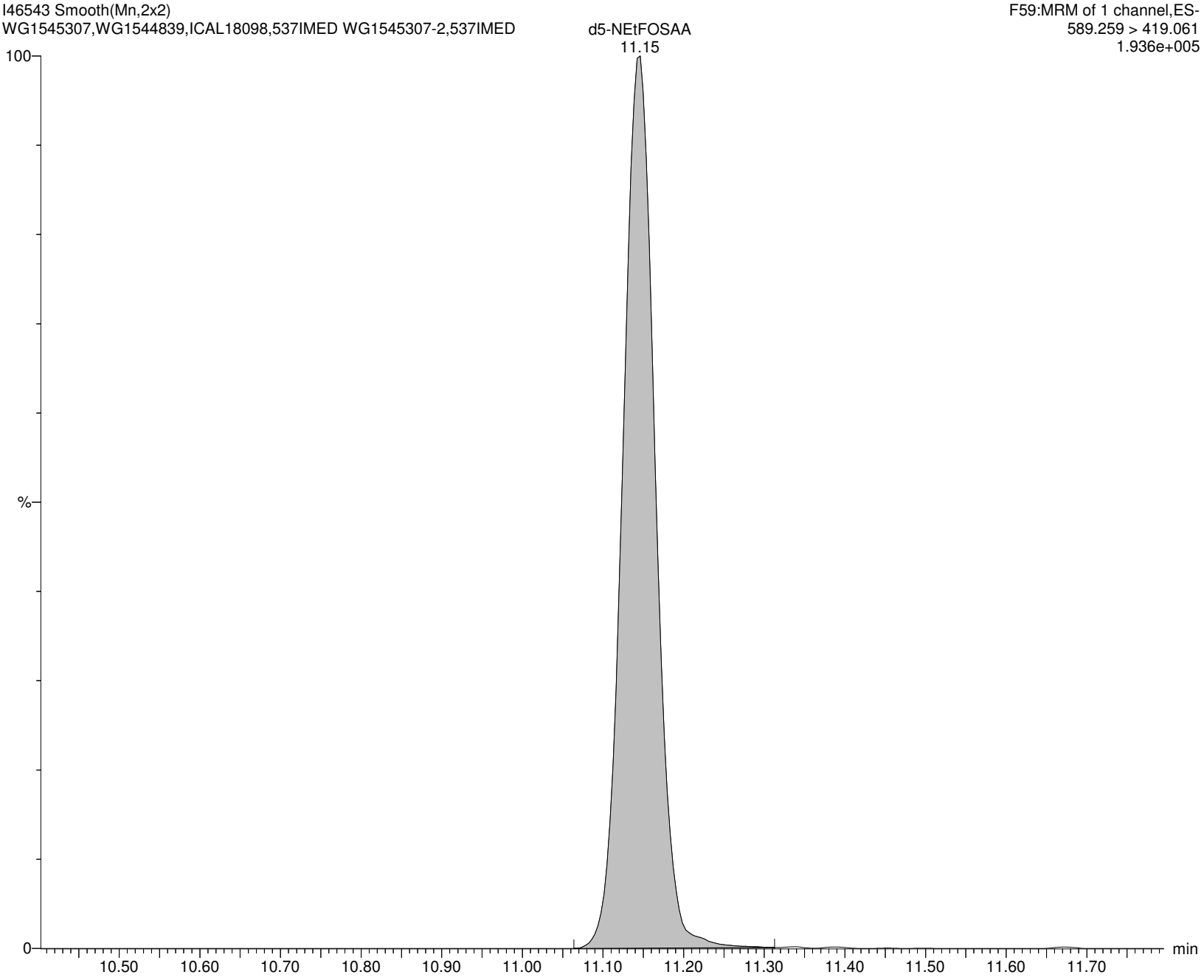


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSAA

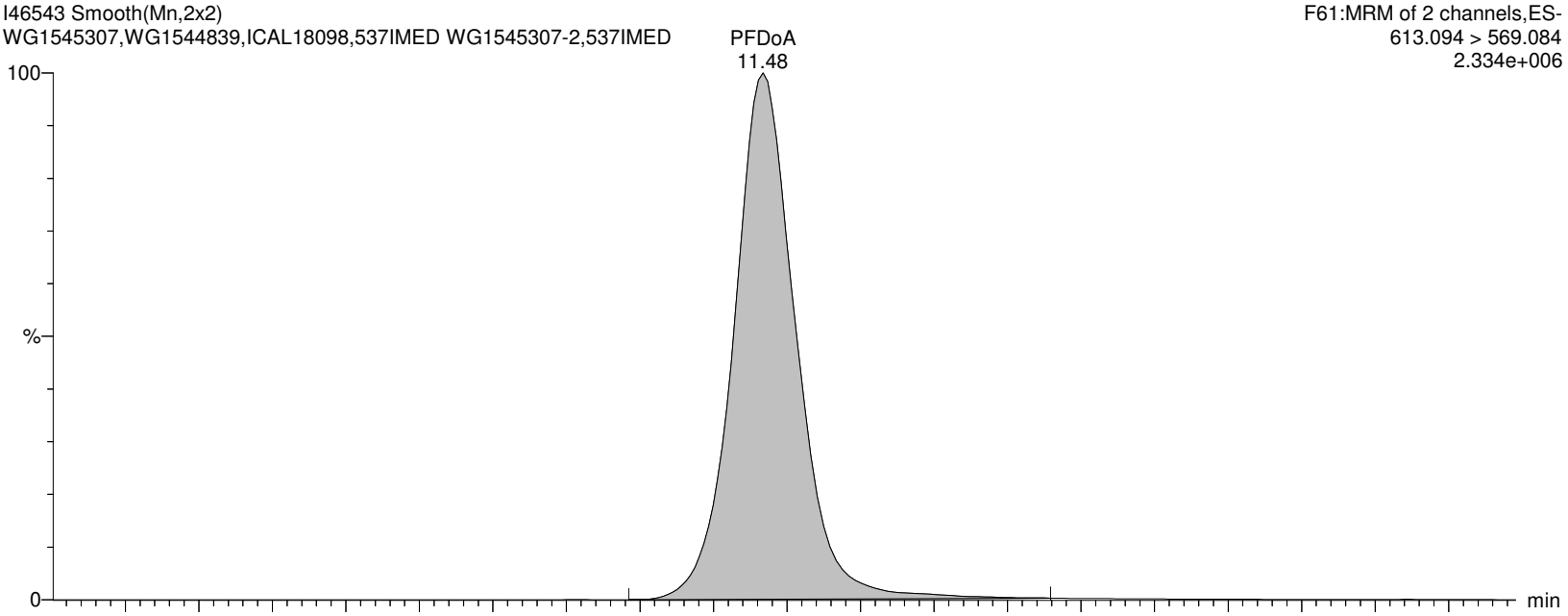


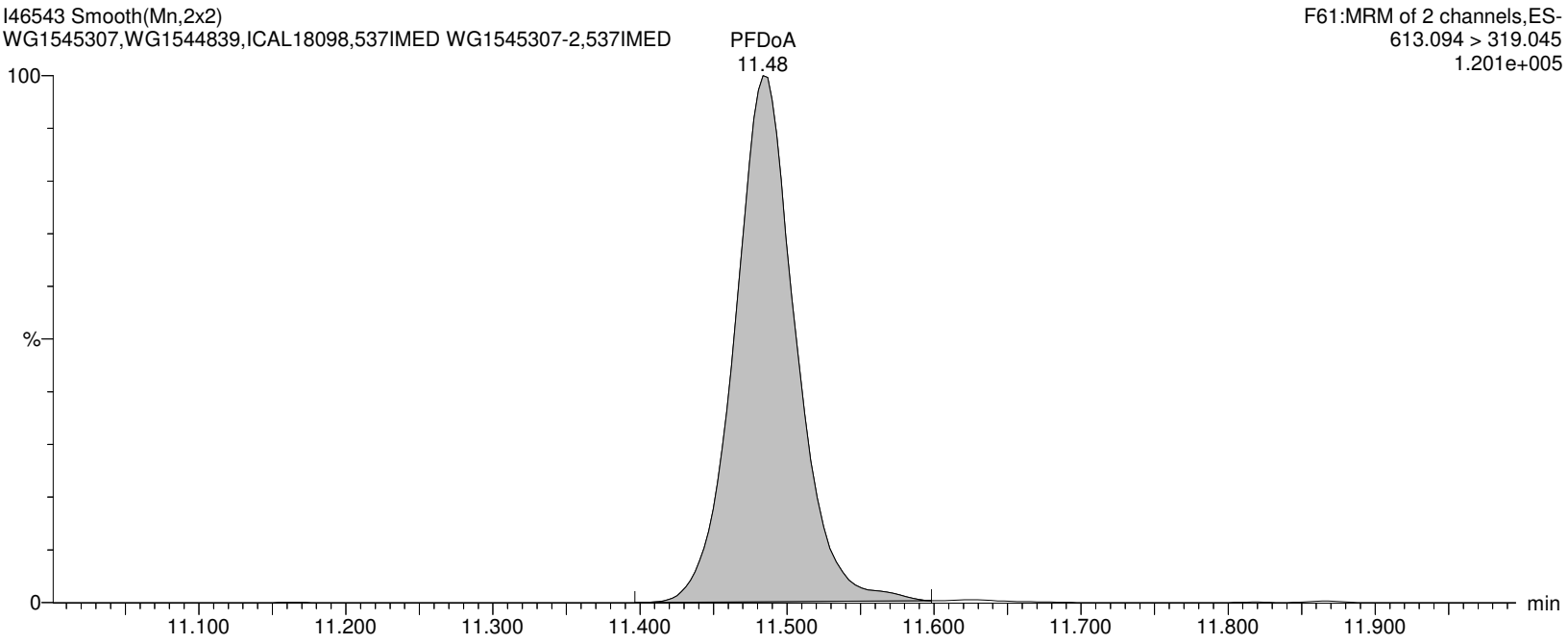
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoA



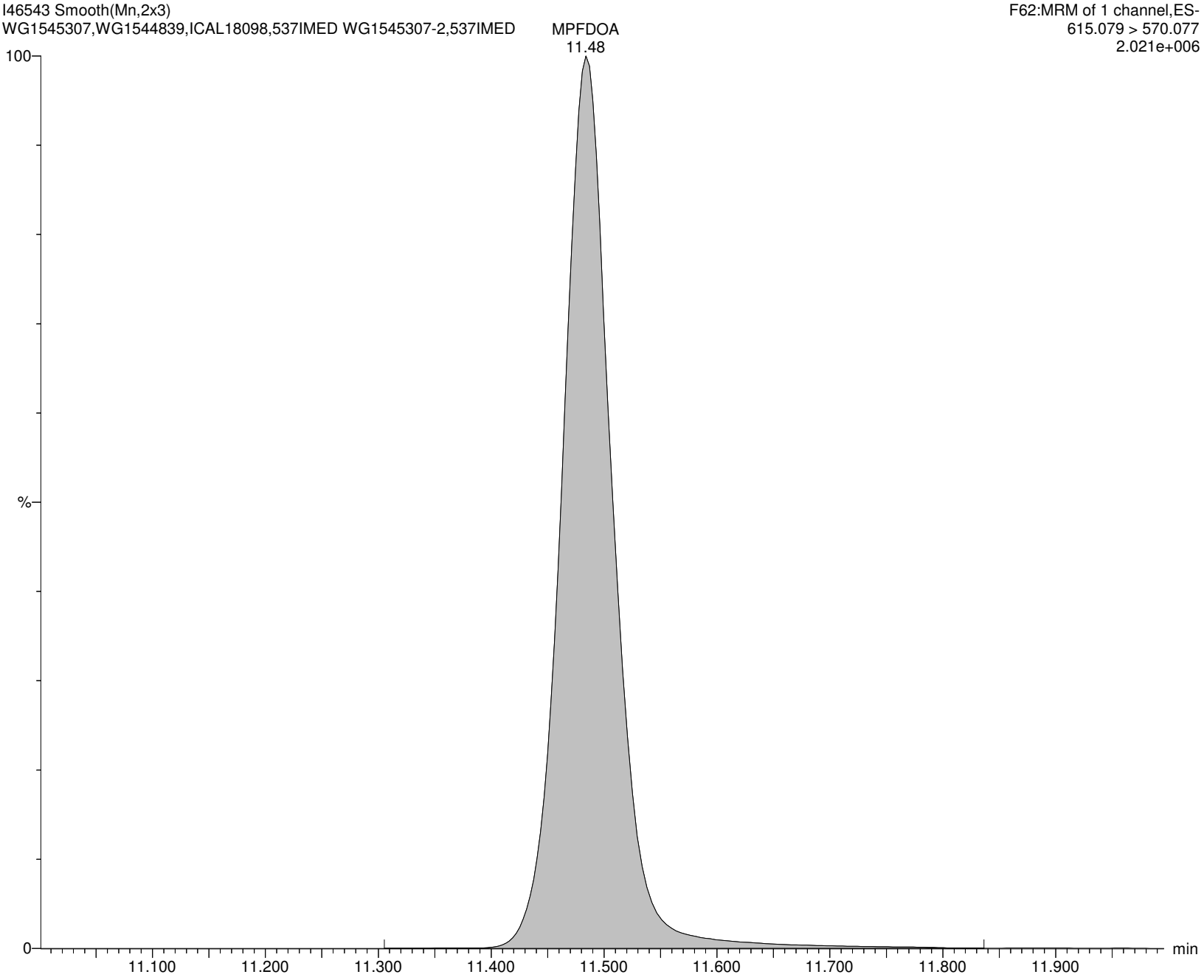


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFDOA

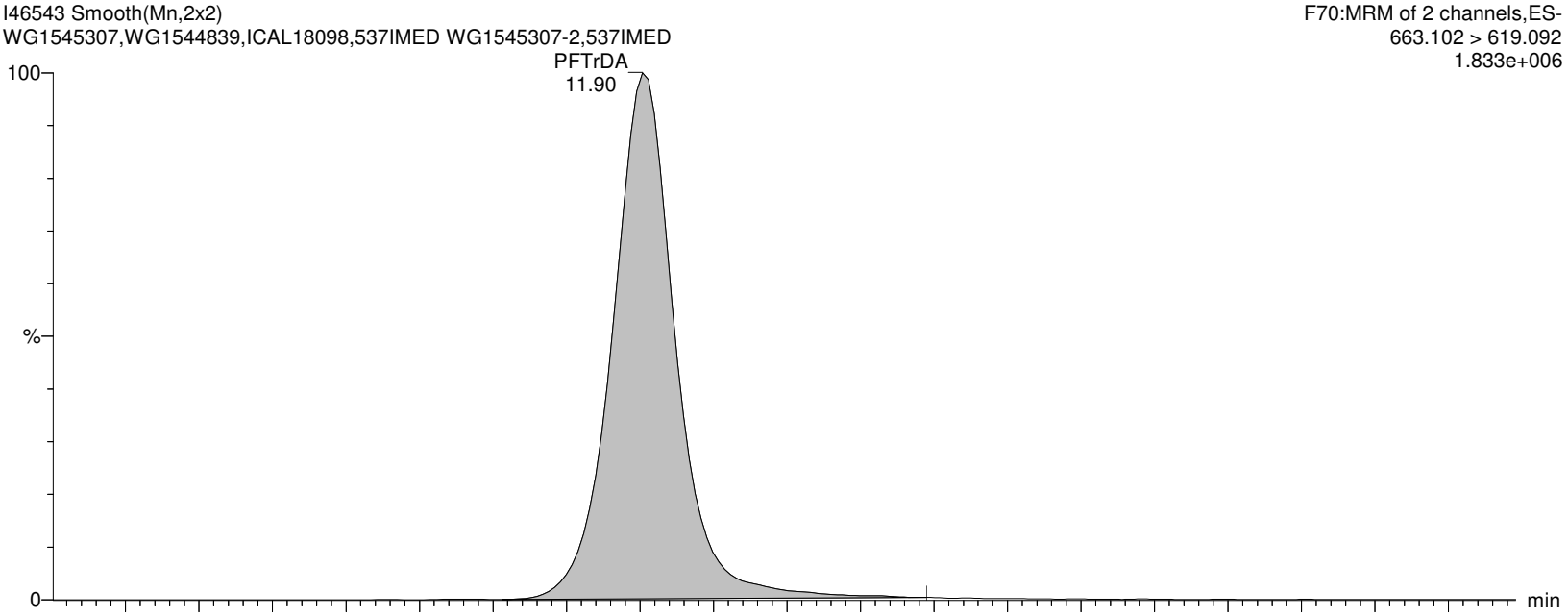


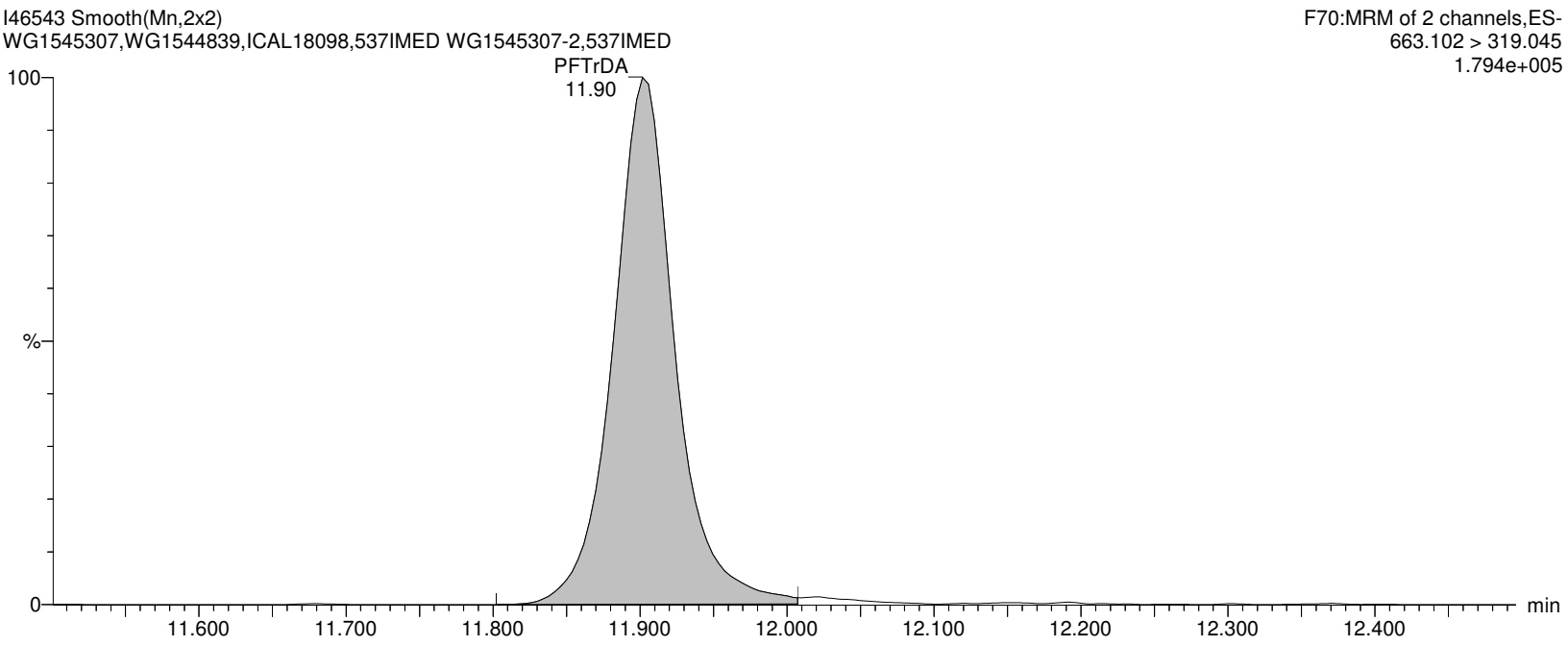
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTrDA



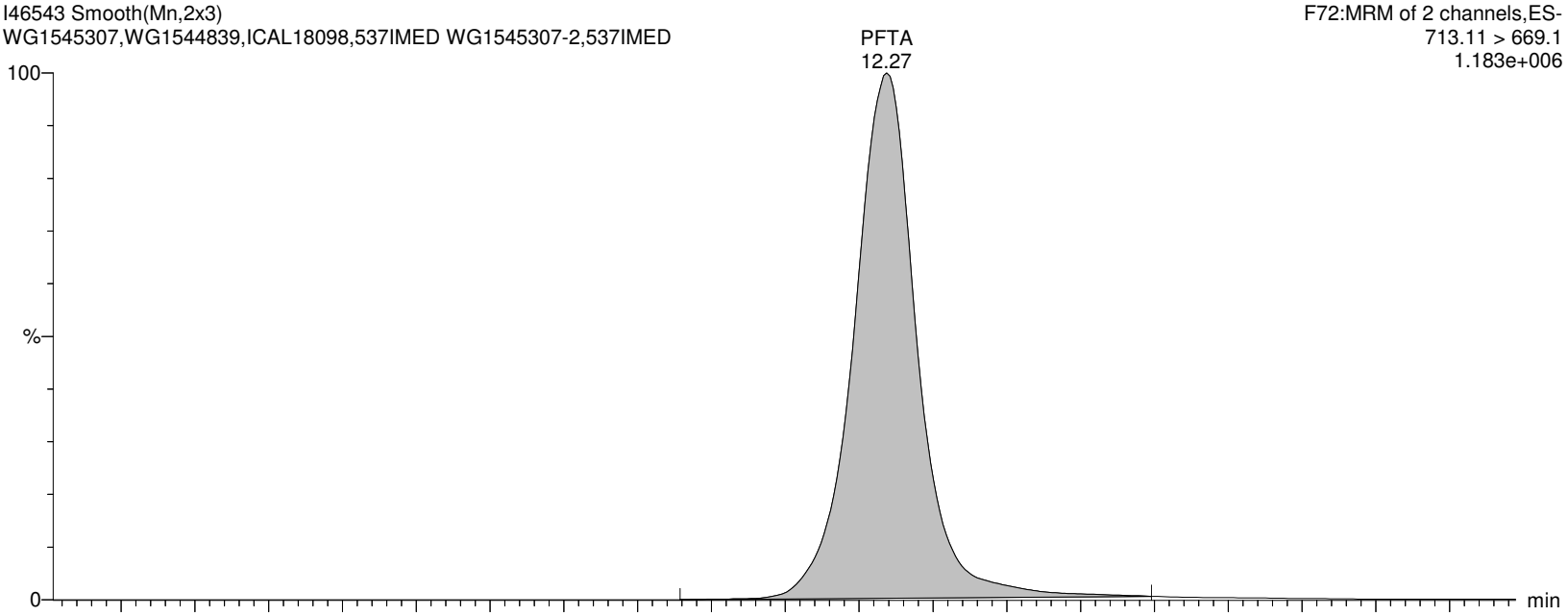


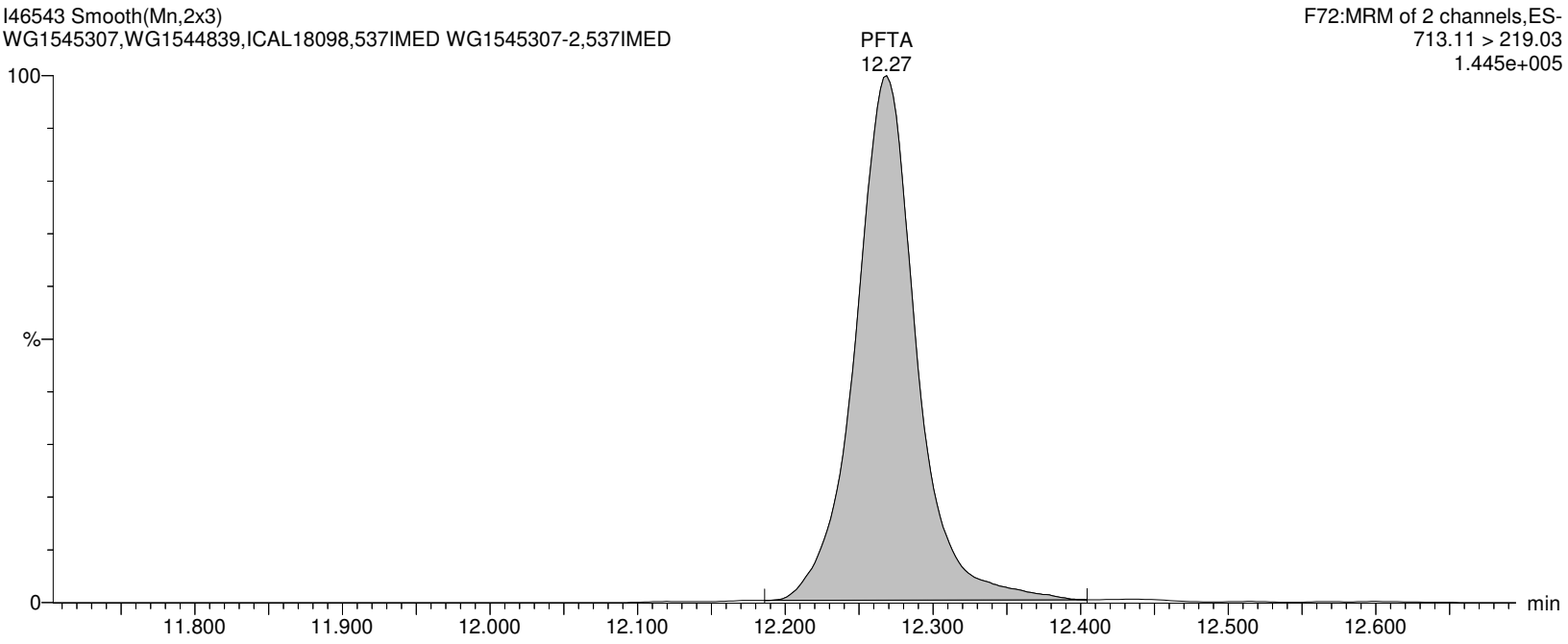
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTA



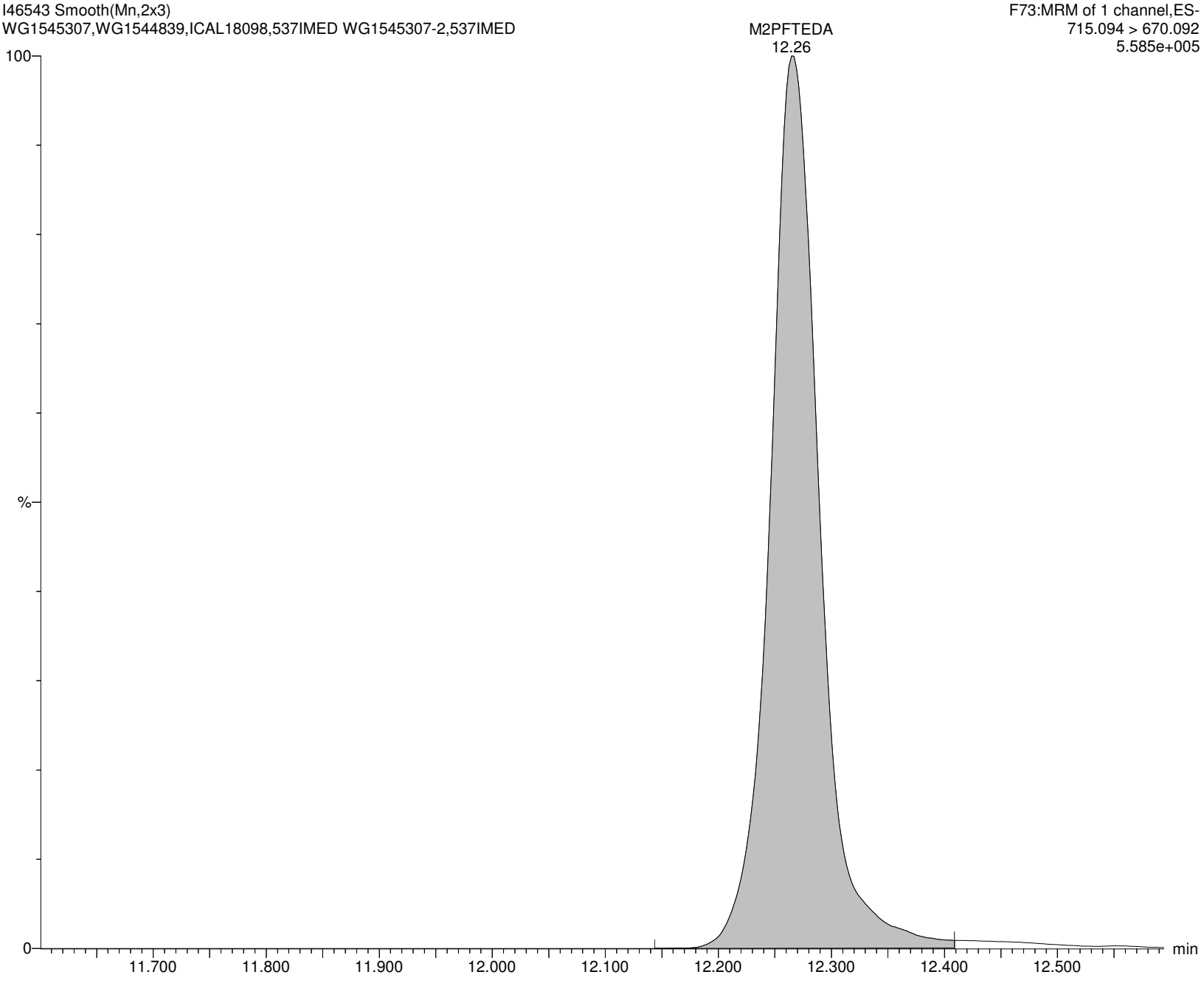


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFTEDA

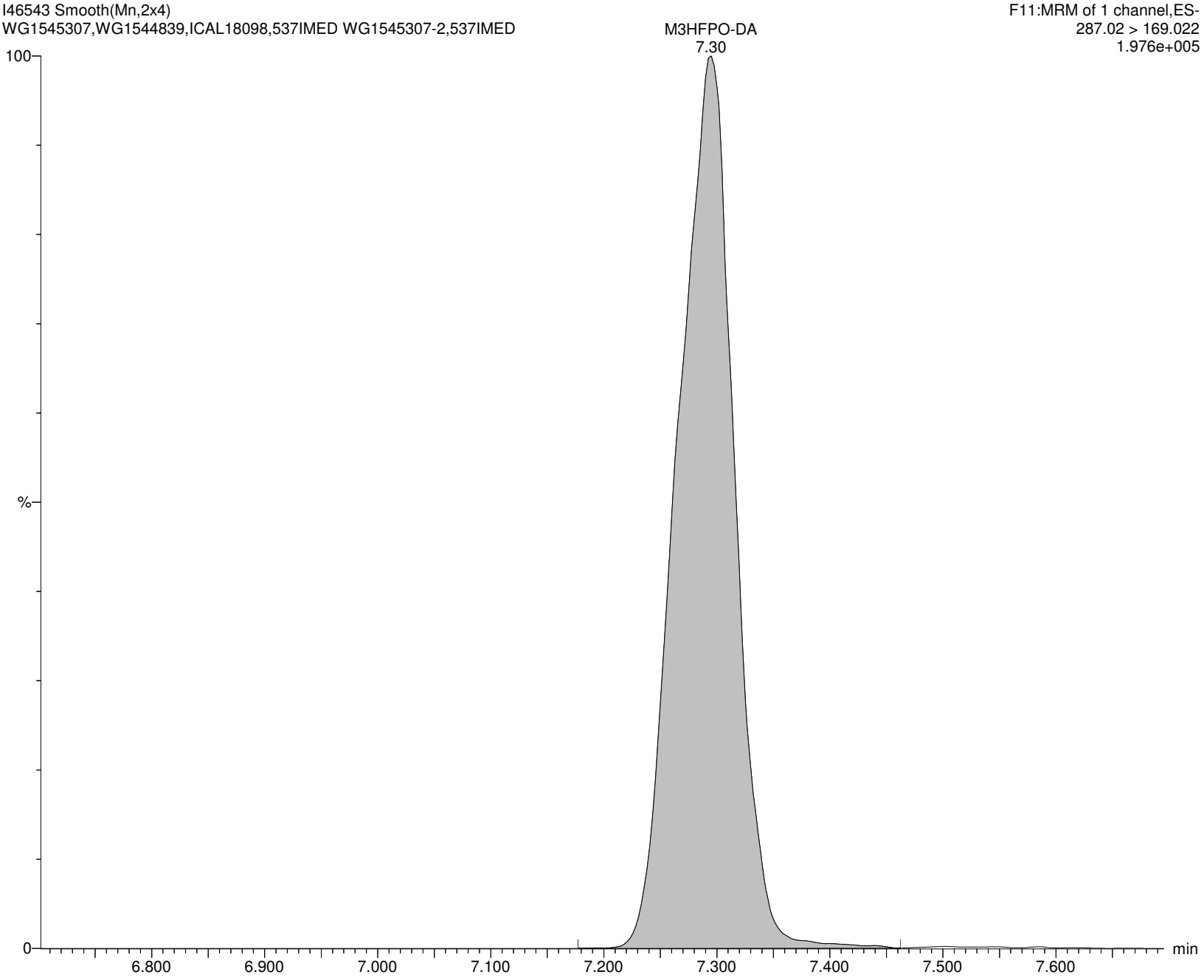


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3HFPO-DA

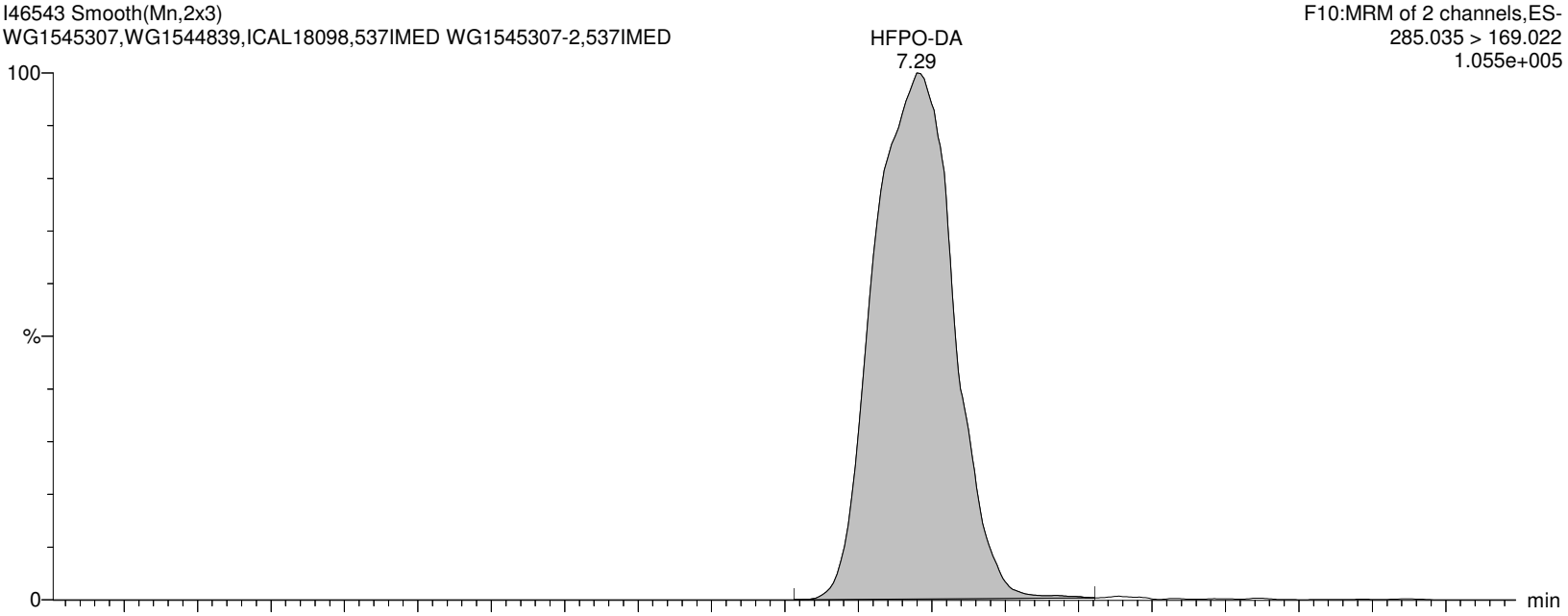


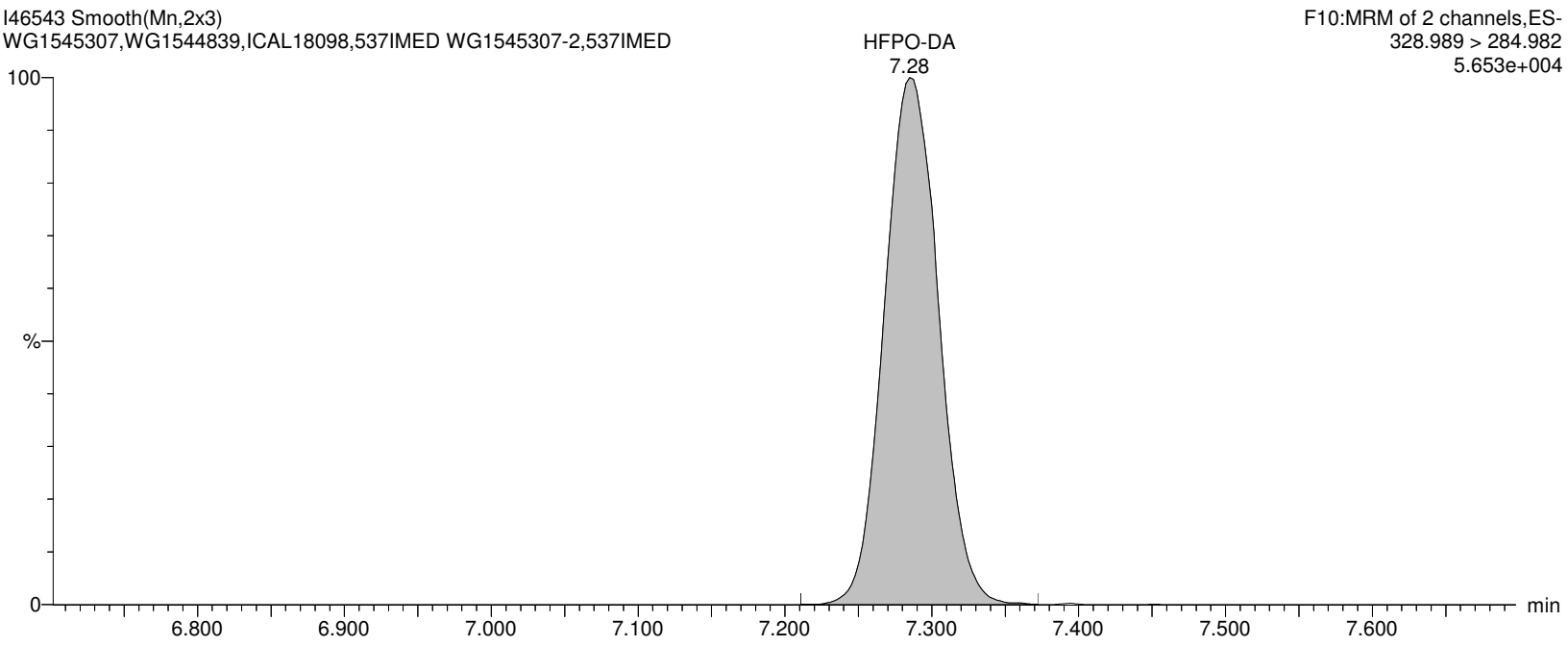
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

HFPO-DA



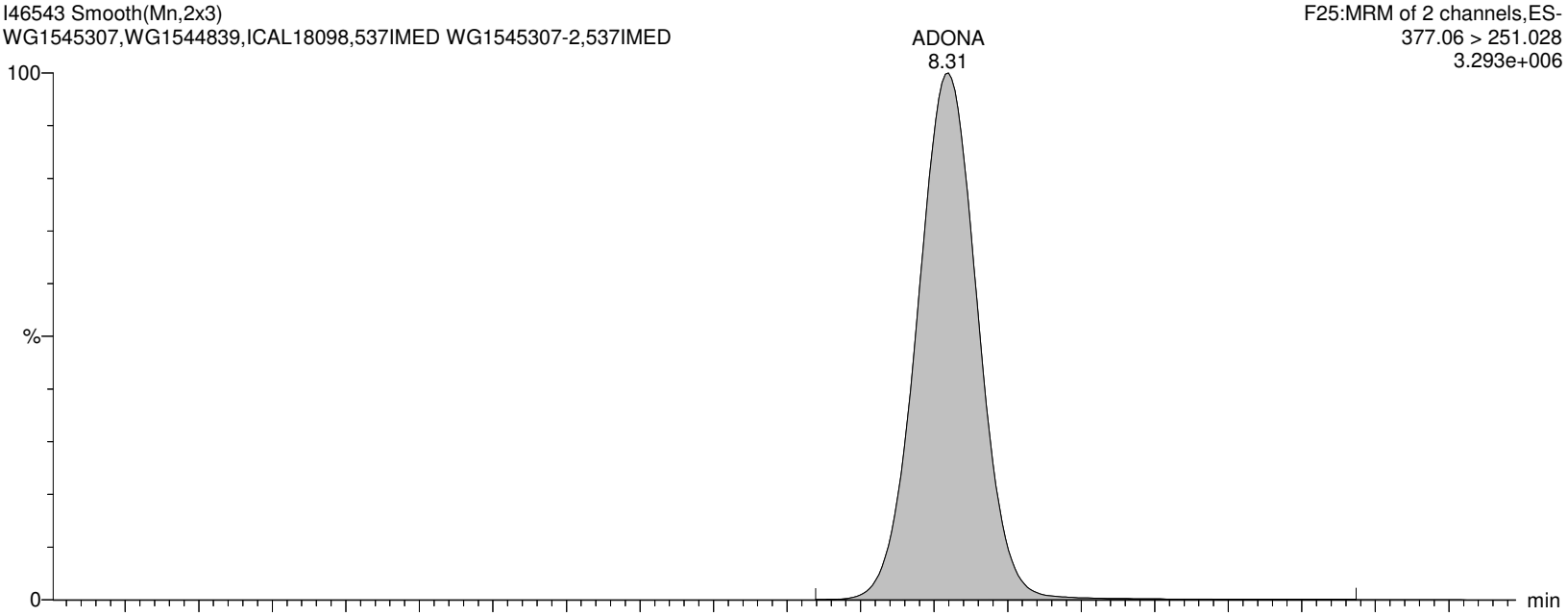


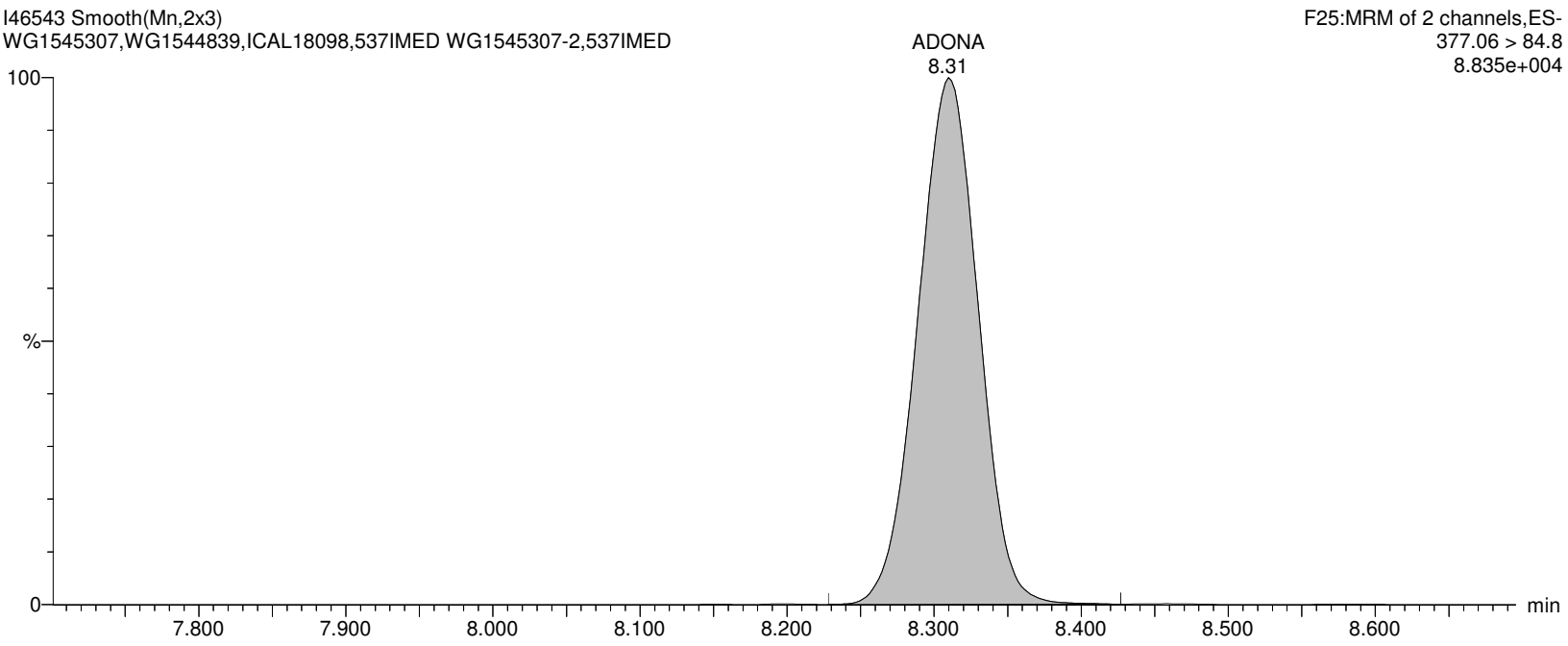
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

ADONA



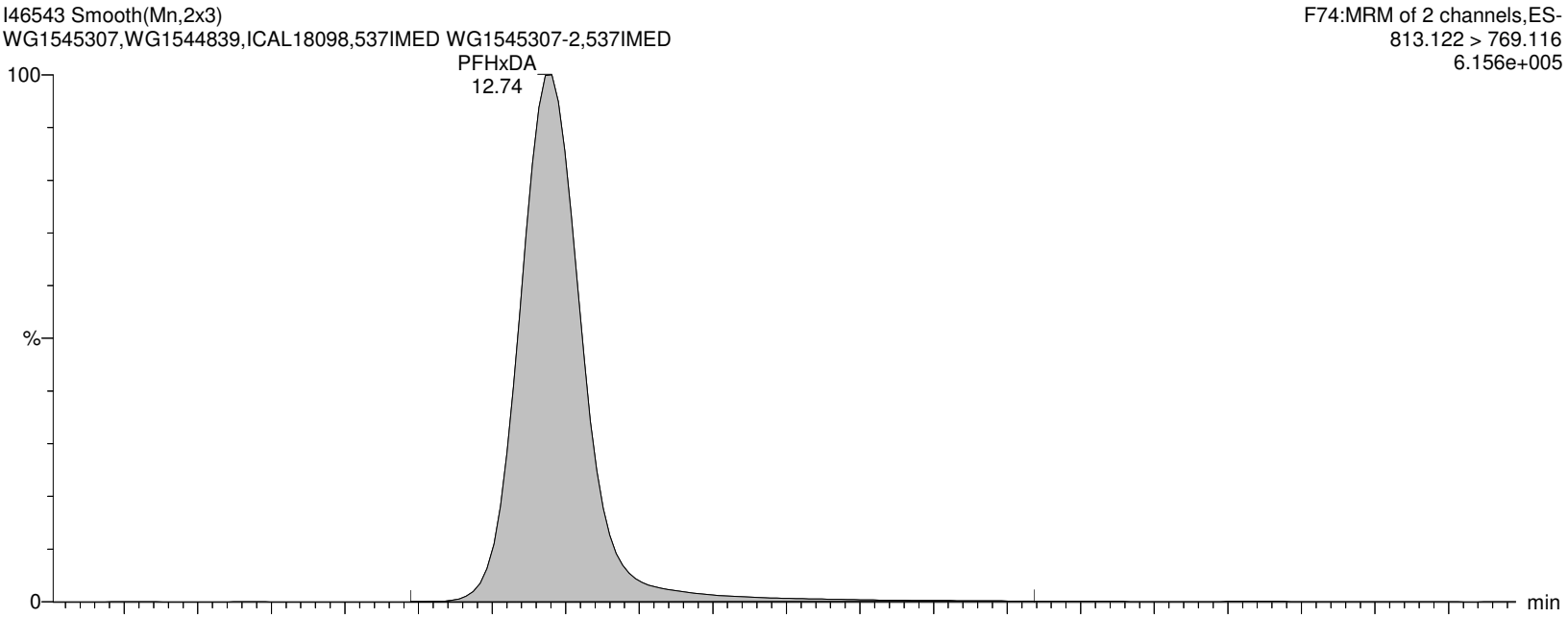


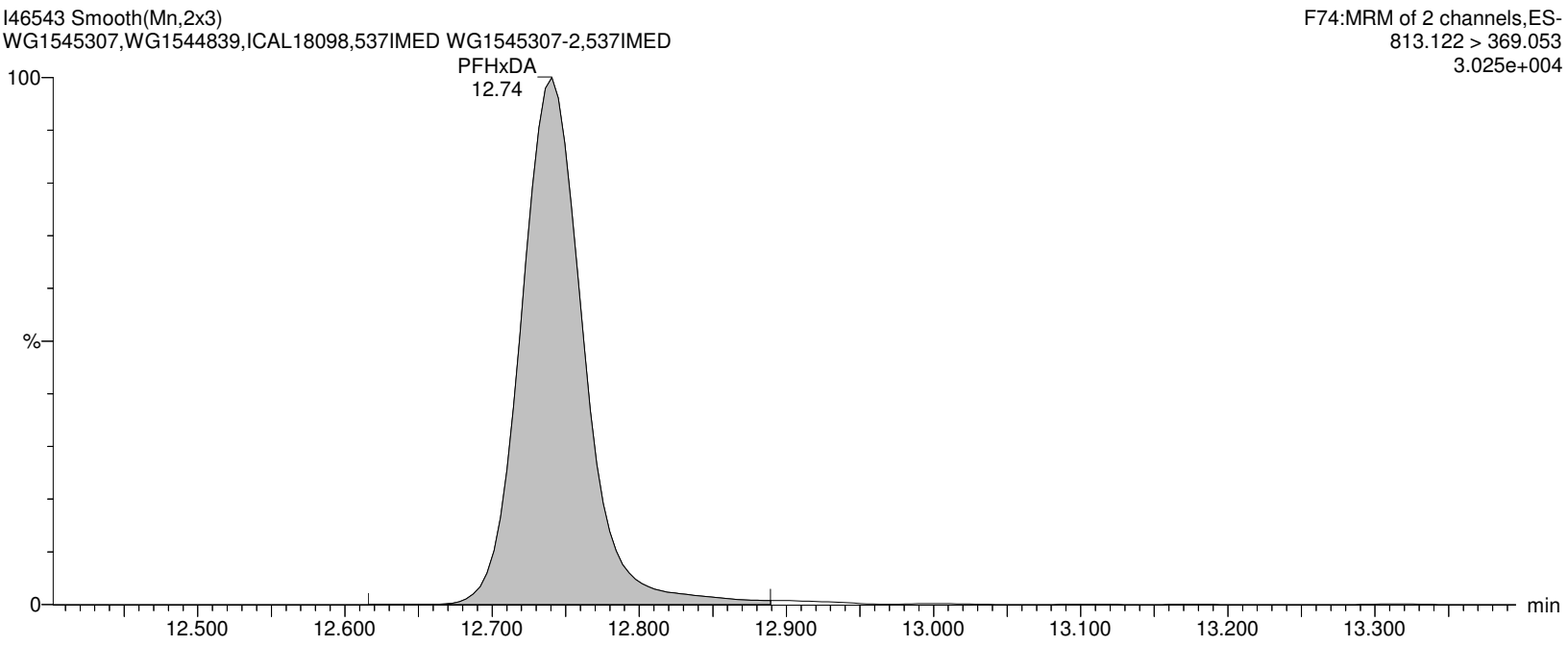
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxDA



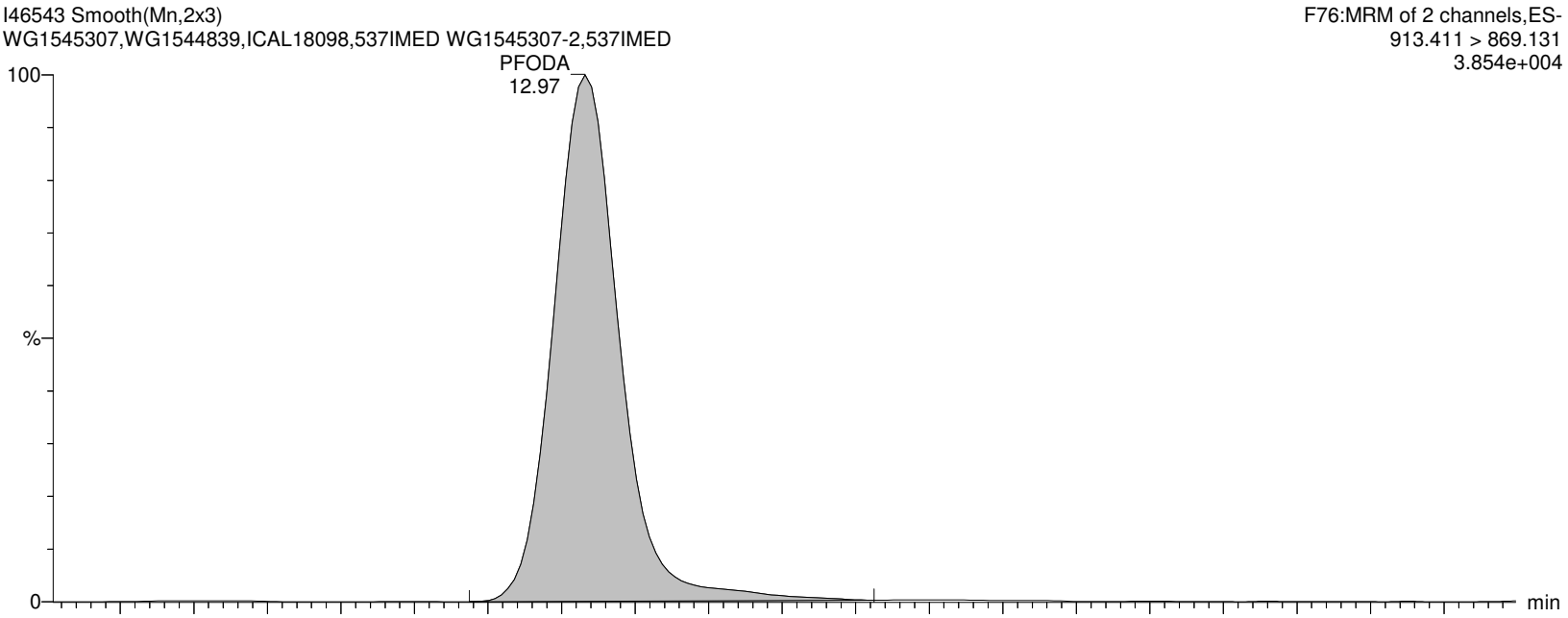


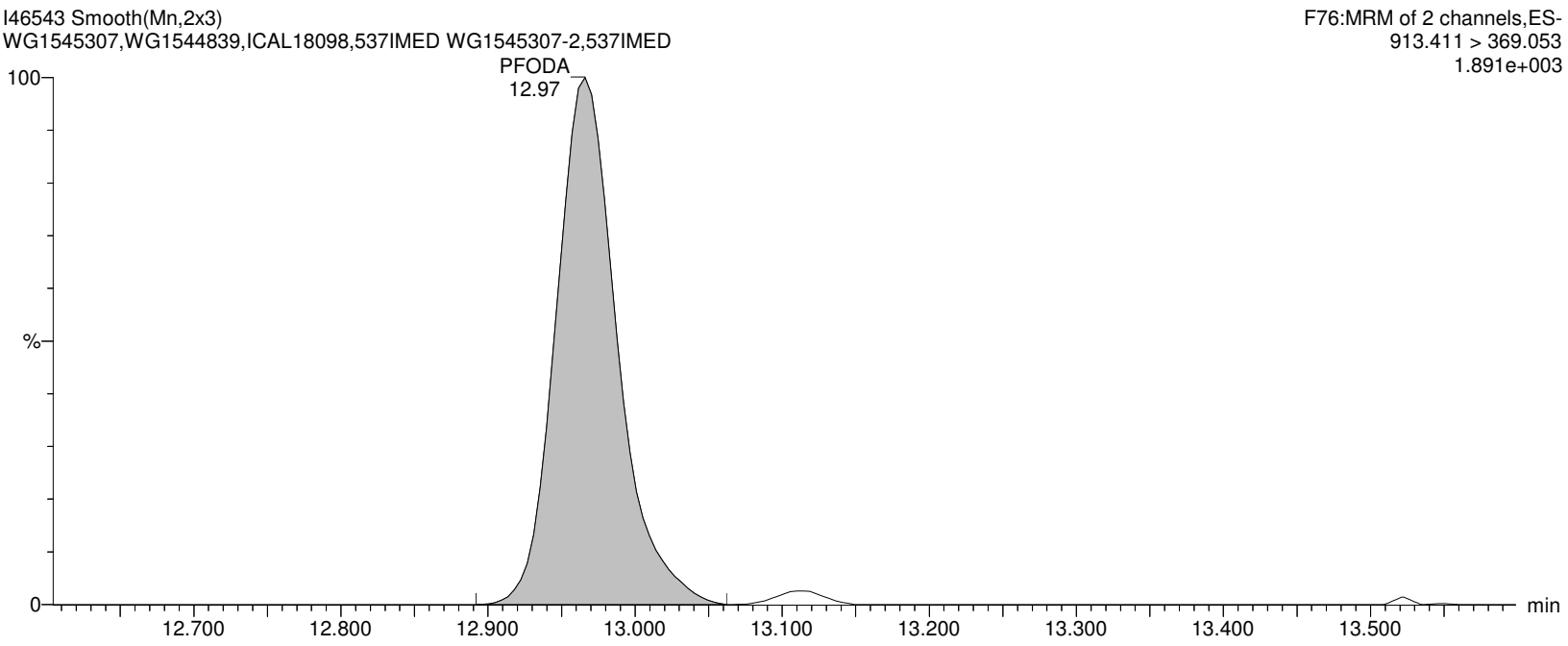
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFODA



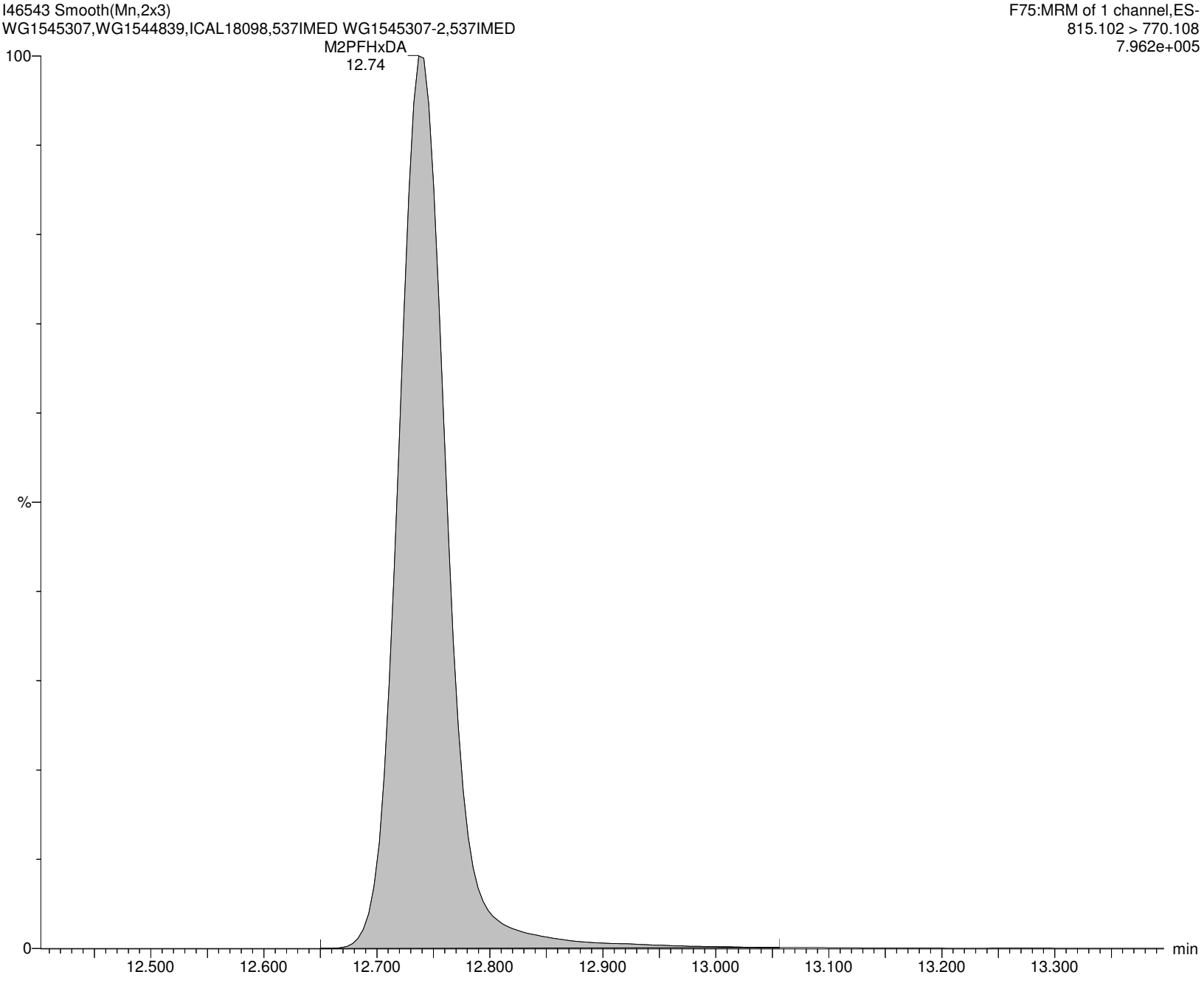


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:42:13 Eastern Daylight Time

Name: I46543
ID: WG1545307-2,537IMED
Date: 11-Sep-2021
Time: 17:48:32
Description: WG1545307,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFHxDA



all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210911_537.PRO\MethDB\537ISO_Q_210625_TOP_RT2.mdb 03 Sep 2021 08:44:20
Calibration: C:\MassLynx\Data\2021\210911_537.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

ID: WG1545307-3,537ILOW
Name: I46554
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:SG
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.11	213.032 > 169.022	4777		0.485		na	97.0
2	M3PFBA	INT STD	2.11	216.009 > 171.999	98229		18.711		na	187.1
3	MPFBA	INT STD	2.11	217.001 > 171.999	110728		10.484		na	104.8
4	PFPeA	2706-90-3	4.97	263.039 > 219.03	4862		0.474		na	94.9
5	M5PFPEA	INT STD	4.97	268.001 > 222.999	108913		9.397		na	94.0
6	PFBS	375-73-5	5.62	299.092 > 80.062	1076		0.428	1.88	NO	96.7
7	M3PFBS	INT STD	5.62	302.069 > 80.062	23128		9.716		na	97.2
8	4:2FTS	757124-72-4	6.78	327.146 > 307.139	323		0.443	2.16	NO	94.8
9	M2-4:2FTS	INT STD	6.78	329.13 > 309.124	7413		7.772		na	77.7
10	PFHxA	307-24-4	6.85	313.047 > 269.037	6170		0.504	17.43	NO	100.9
11	M5PFHxA	INT STD	6.85	318.009 > 273.007	115311		11.494		na	114.9
12	PFPeS	2706-91-4	7.17	349.1 > 80.062	1182		0.498	2.25	NO	105.9
13	PFHpA	375-85-9	8.12	363.055 > 319.045	8107		0.479	5.58	NO	95.8
14	M4PFHpA	INT STD	8.12	367.025 > 322.022	167323		11.187		na	111.9
15	br-PFHxS	355-46-4	8.05	399.107 > 80.062	201	M5,M7	0.089	2.31	NO	104.6
16	L-PFHxS	355-46-4	8.28	399.107 > 80.062	1007		0.340	1.62	NO	91.8
17	PFHxS	355-46-4		399.107 > 80.062	1208		0.429		na	
18	M3PFHxS	INT STD	8.28	402.084 > 80.062	27165		10.063		na	100.6
19	br-PFOA	335-67-1		413.063 > 369.053			ND		YES	
20	L-PFOA	335-67-1	9.06	413.063 > 369.053	8686		0.531	9.62	NO	106.2
21	PFOA	335-67-1		413.063 > 369.053	8686		0.531		na	
22	M8PFOA	INT STD	9.06	421.002 > 376.	169759		10.192		na	101.9
23	M2PFOA	INT STD	9.06	415.048 > 370.045	164069		15.491		na	154.9
24	6:2FTS	27619-97-2	9.02	427.161 > 407.155	398		0.523	4.74	NO	110.0
25	M2-6:2FTS	INT STD	9.02	429.146 > 409.14	7687		7.850		na	78.5
26	PFHpS	375-92-8	9.16	449.115 > 80.062	855		0.471	1.16	NO	99.1
27	PFNA	375-95-1	9.82	463.071 > 419.061	6354		0.496	3.61	NO	99.2
28	M9PFNA	INT STD	9.82	472.002 > 427.	51301		10.722		na	107.2
29	br-PFOS	1763-23-1	9.70	499.123 > 80.062	293	M5,M7	0.107	4.30	NO	106.6
30	L-PFOS	1763-23-1	9.88	499.123 > 80.062	842		0.377	1.89	NO	103.3
31	PFOS	1763-23-1		499.123 > 80.062	1135		0.484		na	
32	M4PFOS	INT STD	9.88	503.093 > 80.062	21575		19.061		na	190.6
33	M8PFOS	INT STD	9.88	507.062 > 80.062	25356		10.489		na	104.9
34	PFDA	335-76-2	10.46	513.078 > 469.069	5701		0.483	5.58	NO	96.6
35	M2PFDA	INT STD	10.46	515.053 > 469.934	97482		15.980		na	159.8
36	M6PFDA	INT STD	10.46	519.033 > 474.03	118657		10.724		na	107.2
37	8:2FTS	39108-34-4	10.45	527.177 > 507.171	214		0.576	5.94	NO	120.0
38	M2-8:2FTS	INT STD	10.45	529.162 > 509.155	5693		7.908		na	79.1
39	PFNS	68259-12-1	10.49	549.131 > 80.062	903		0.461	1.50	NO	96.0

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

ID: WG1545307-3,537ILOW
Name: I46554
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:SG
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.85	573.22 > 419.061	10026		9.614		na	96.1
41	br-NMeFOSAA		10.70	570.202 > 419.061	23	M5,M7	0.059	1.80	NO	49.0
42	L-NMeFOSAA		10.86	570.202 > 419.061	403		0.369	3.15	NO	97.1
43	NMeFOSAA	2355-31-9		570.202 > 419.061	426		0.428		na	
44	PFUnA	2058-94-8	11.01	563.086 > 519.076	5586		0.492	10.83	NO	98.3
45	M7-PFUDA	INT STD	11.00	570.033 > 525.031	112677		10.920		na	109.2
46	PFDS	335-77-3	11.02	599.139 > 80.062	961		0.457	1.57	NO	94.6
47	FOSA	754-91-6	10.93	498.146 > 78.07	3066	M7	0.484	102.43	NO	96.9
48	M8FOSA	INT STD	10.93	506.077 > 78.07	73926		12.341		na	123.4
49	br-NEtFOSAA		11.00	584.229 > 419.061	14	M5,M7	0.051	0.38	NO	45.1
50	L-NEtFOSAA		11.15	584.229 > 419.061	221		0.270	0.86	NO	69.7
51	NEtFOSAA	2991-50-6		584.229 > 419.061	234		0.321		na	
52	d5-NEtFOSAA	INT STD	11.14	589.259 > 419.061	8279		9.607		na	96.1
53	PFDoA	307-55-1	11.48	613.094 > 569.084	4987		0.464	21.04	NO	92.9
54	MPFDOA	INT STD	11.48	615.079 > 570.077	102292		10.275		na	102.8
55	PFTrDA	72629-94-8	11.90	663.102 > 619.092	4323		0.580	11.85	NO	116.0
56	PFTA	376-06-7	12.26	713.11 > 669.1	2339		0.442	7.64	NO	88.4
57	M2PFTEDA	INT STD	12.26	715.094 > 670.092	27178		8.704		na	87.0
58	M3HFPO-DA	INT STD	7.29	287.02 > 169.022	11918		256.745		na	128.4
59	HFPO-DA	13252-13-6	7.28	285.035 > 169.022	301		5.200	5.27	NO	104.0
60	ADONA	958445-44-8	8.31	377.06 > 251.028	6988		0.518	36.99	NO	109.6
61	PFHxDA		12.74	813.122 > 769.116	1597		0.658	20.54	NO	131.6
62	PFODA		12.96	913.411 > 869.131	94		0.318	25.86	NO	63.6
63	M2PFHxDA		12.74	815.102 > 770.108	36706		8.025		na	80.3

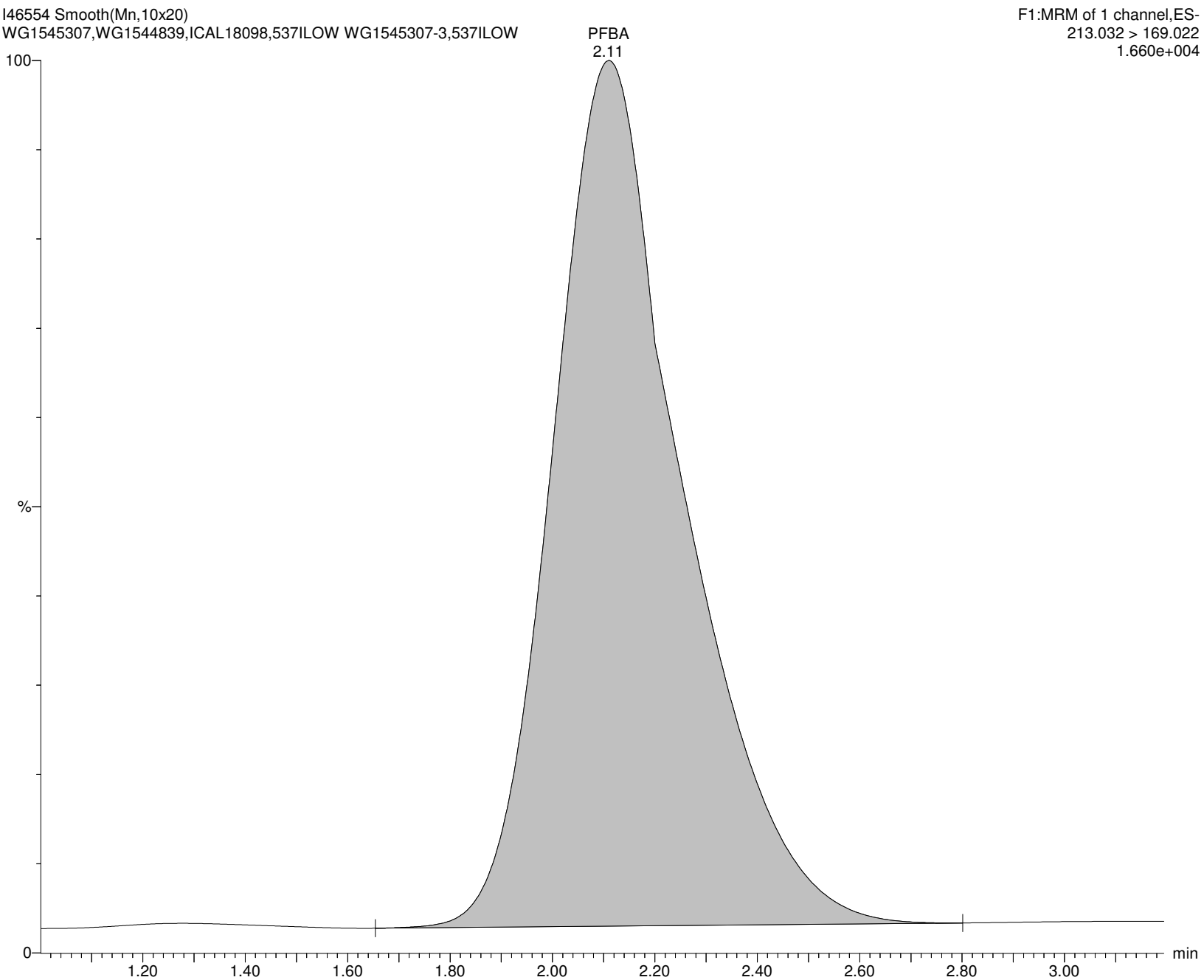
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210911_537.PRO\MethDB\537ISO_Q_210625_TOP_RT2.mdb 03 Sep 2021 08:44:20
Calibration: C:\MassLynx\Data\2021\210911_537.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBA

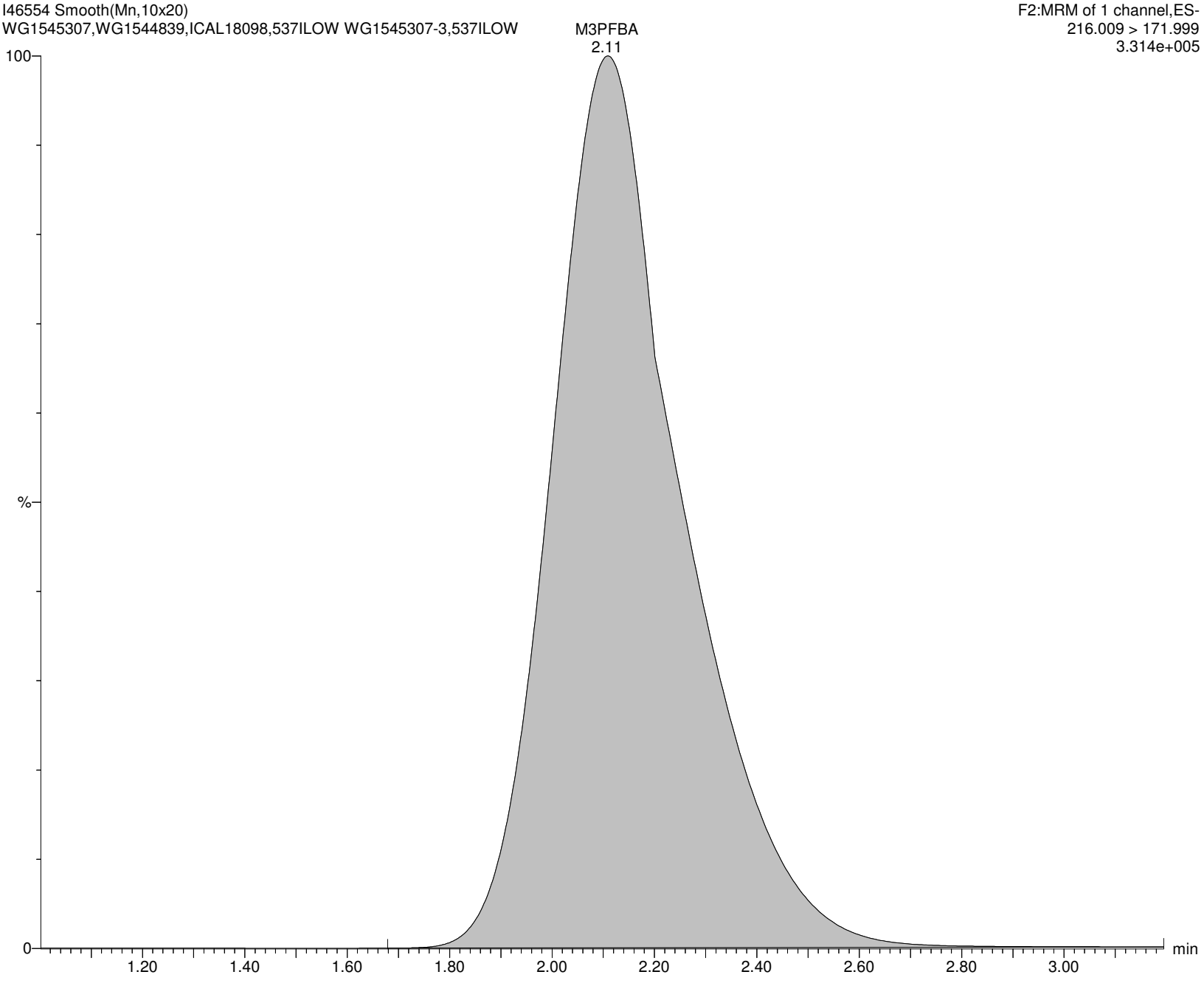


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBA

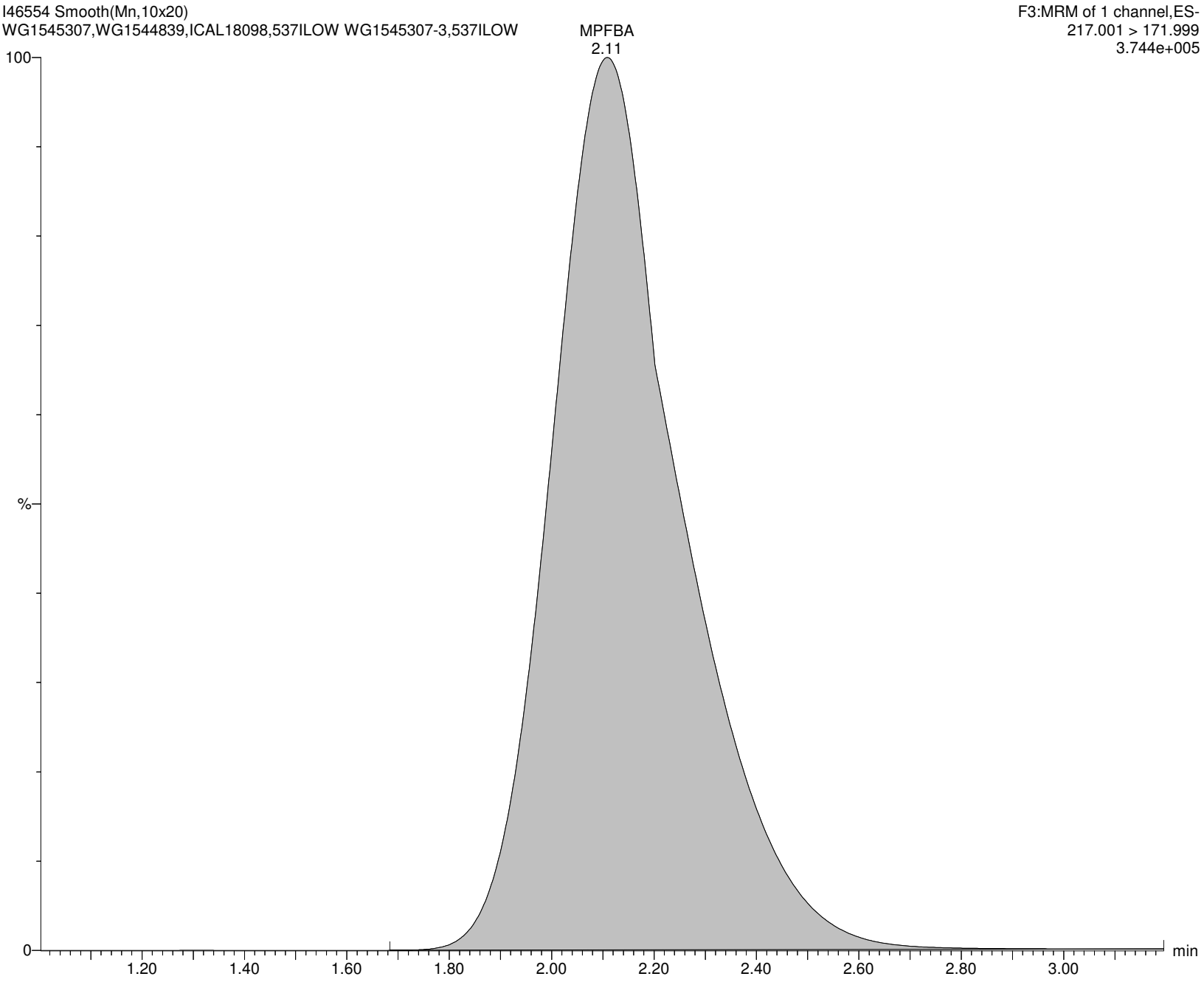


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFBA

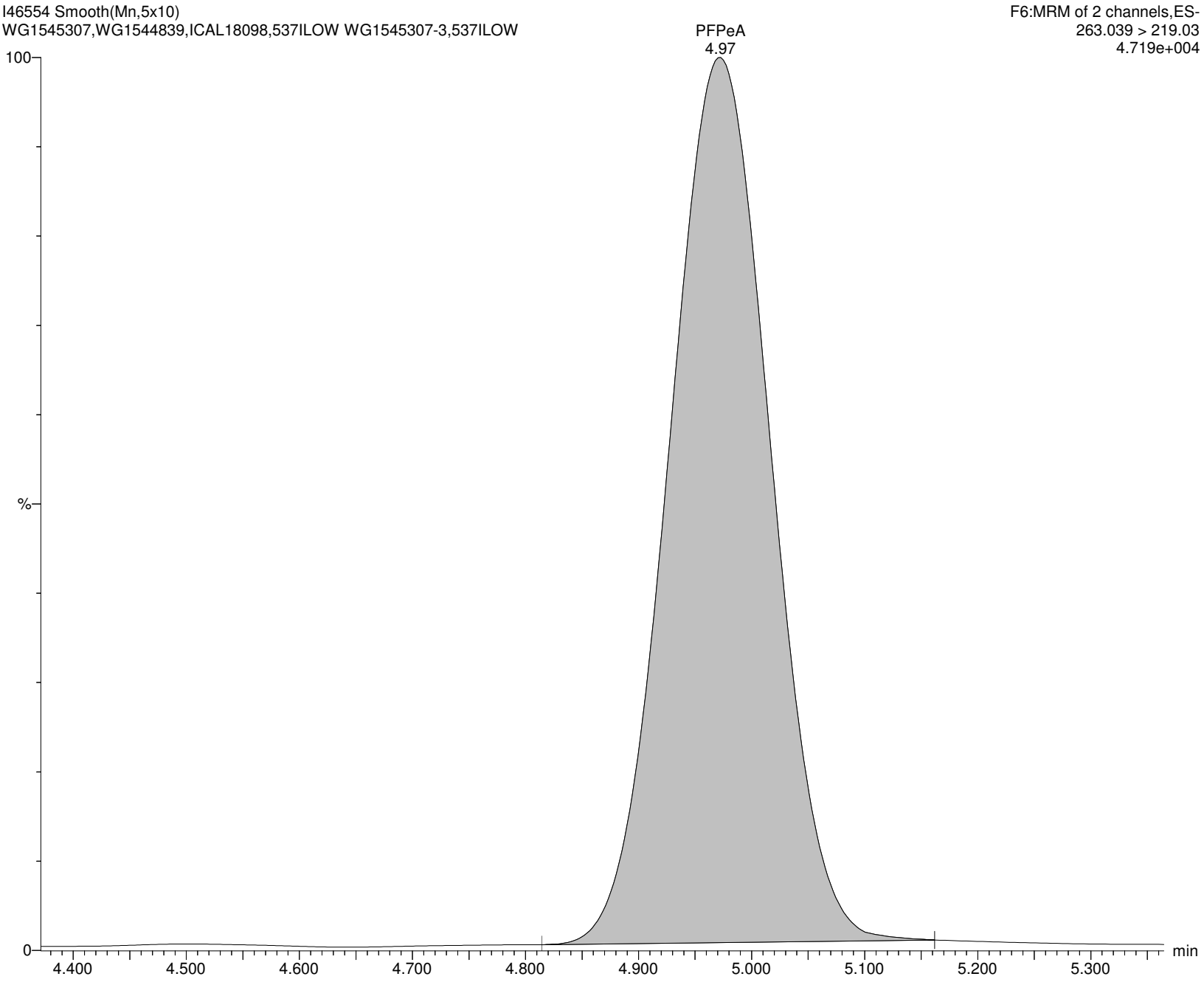


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeA

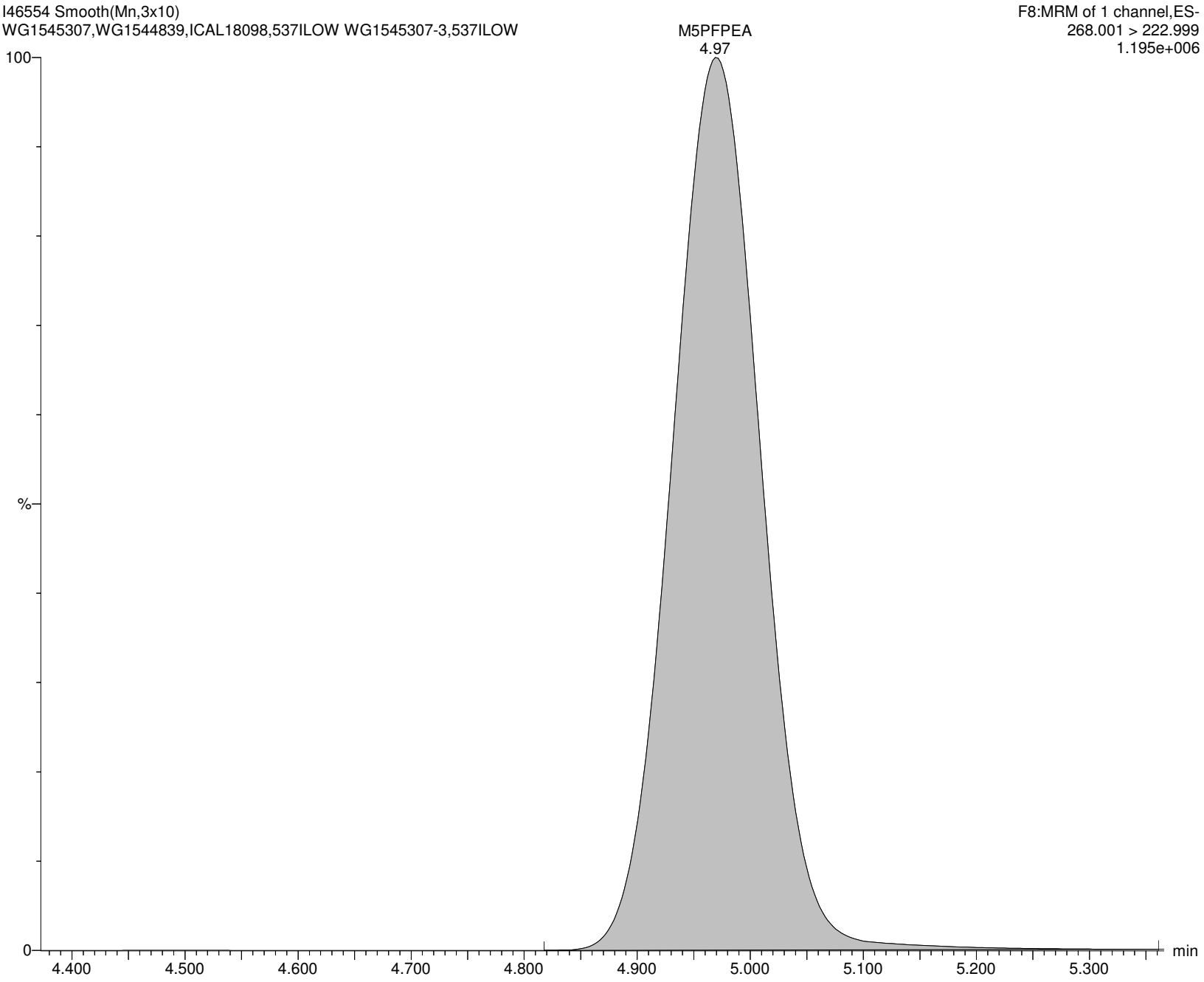


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFPEA

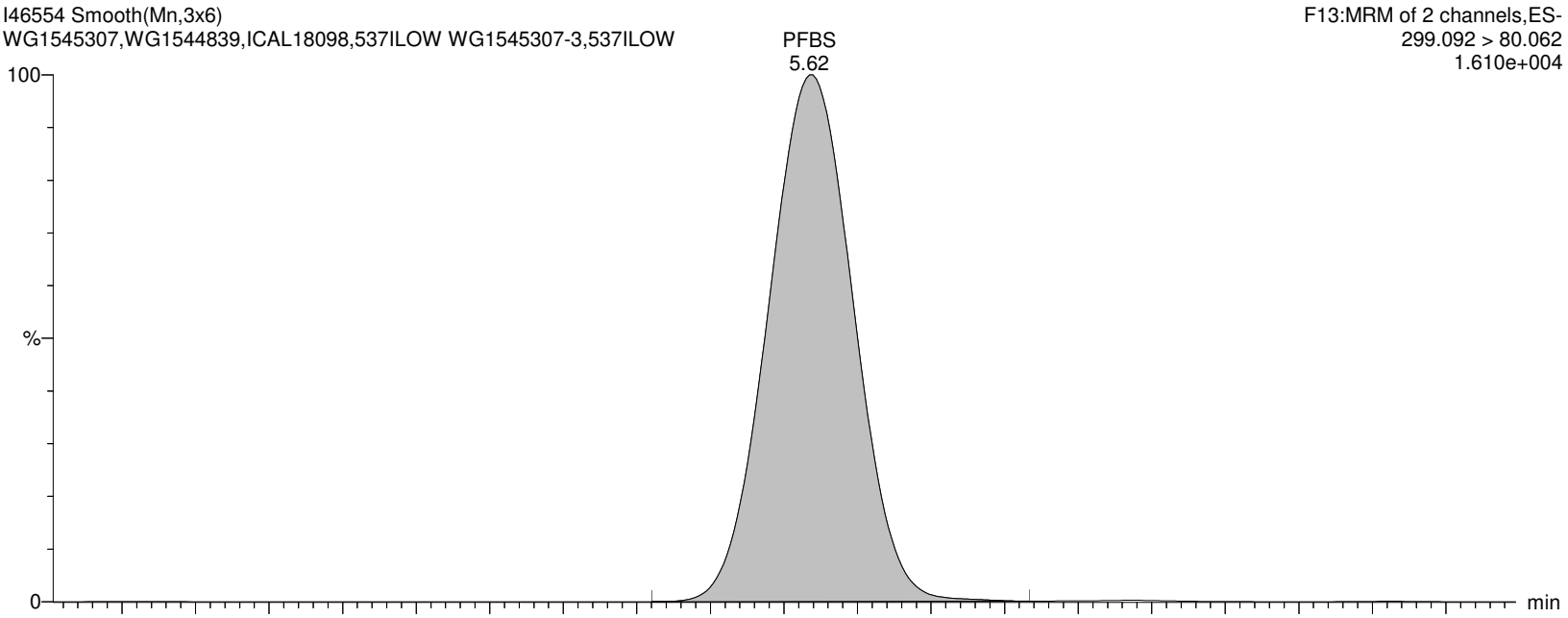


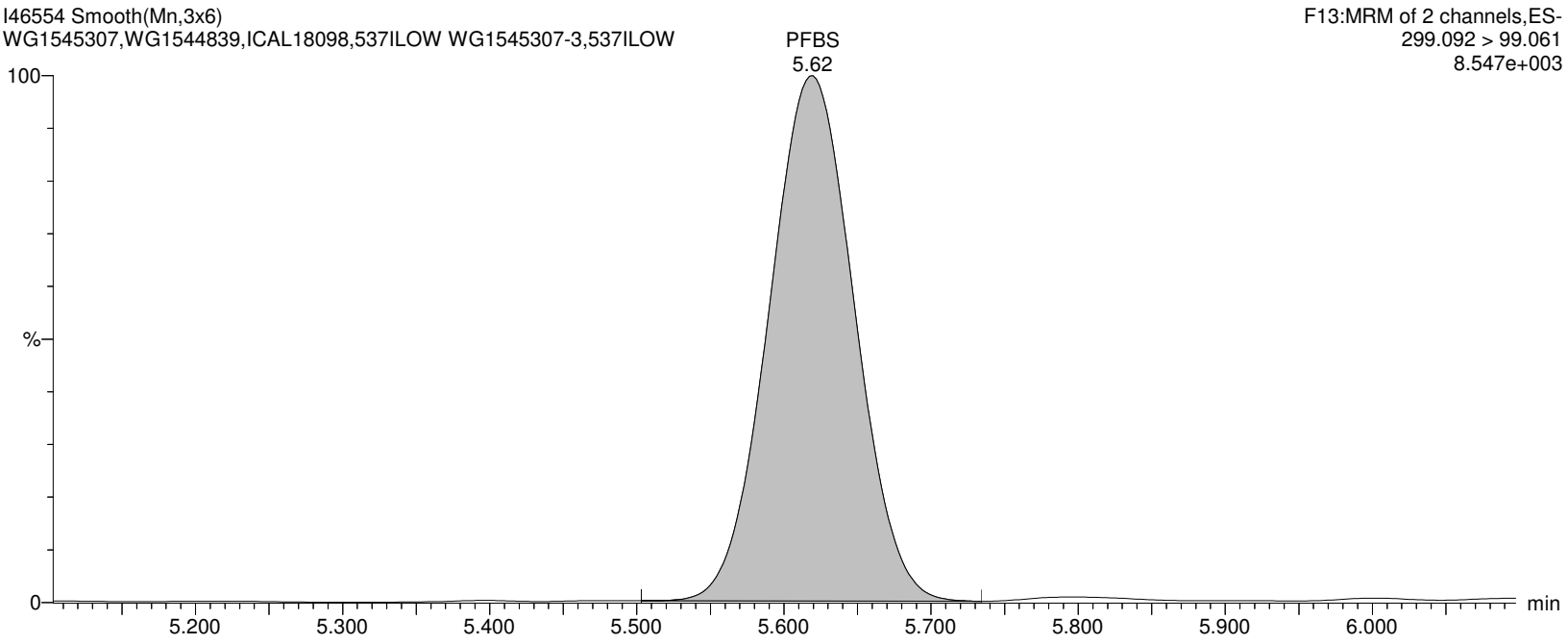
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBS



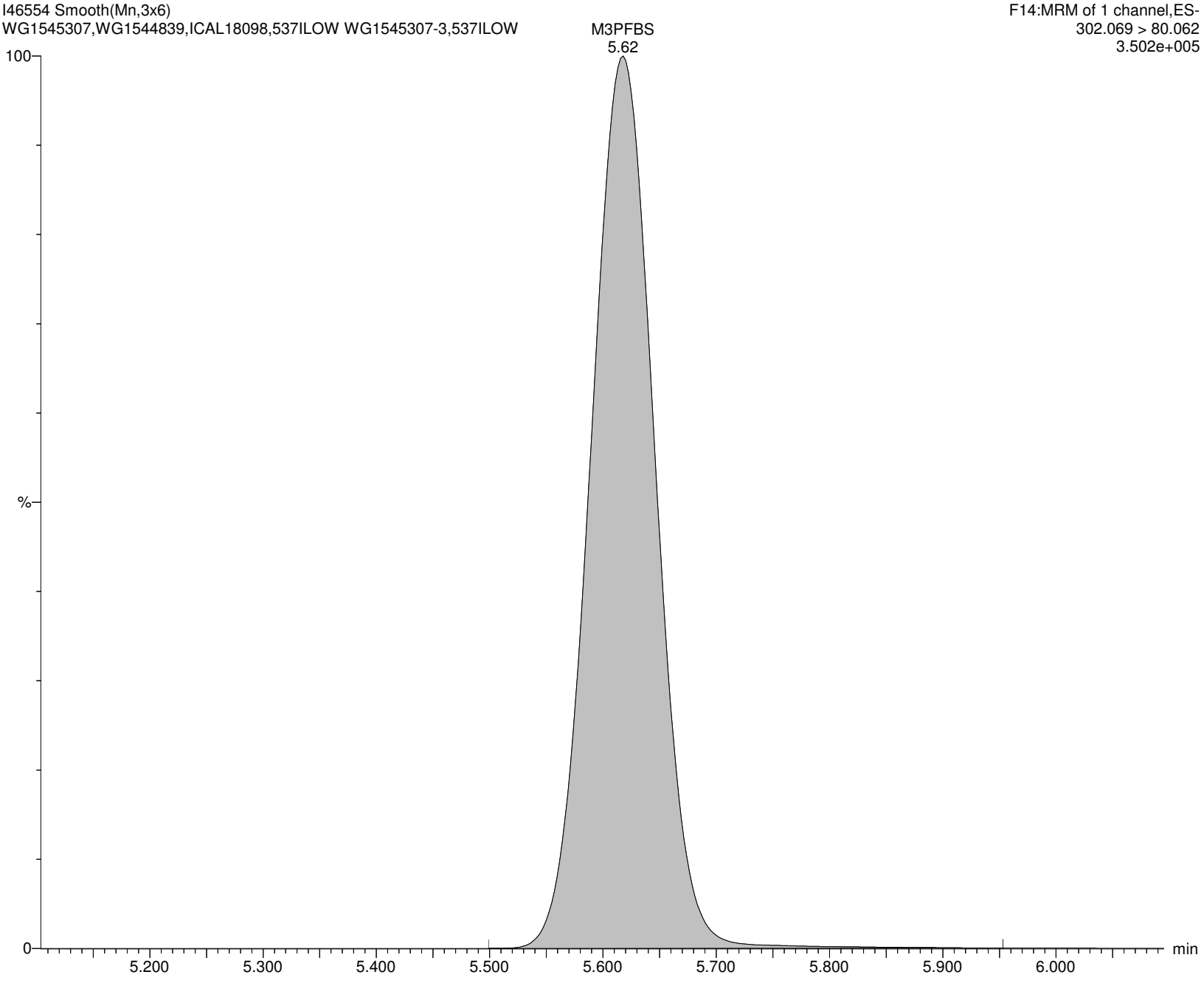


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBS

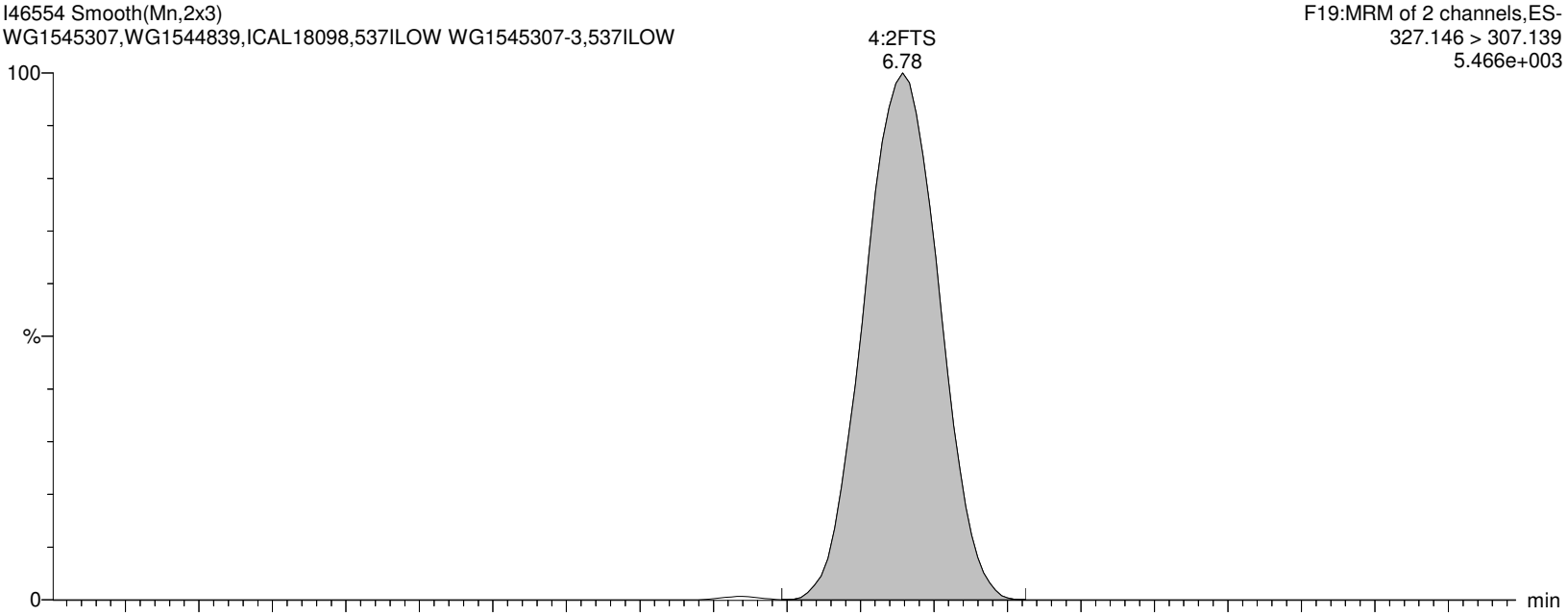


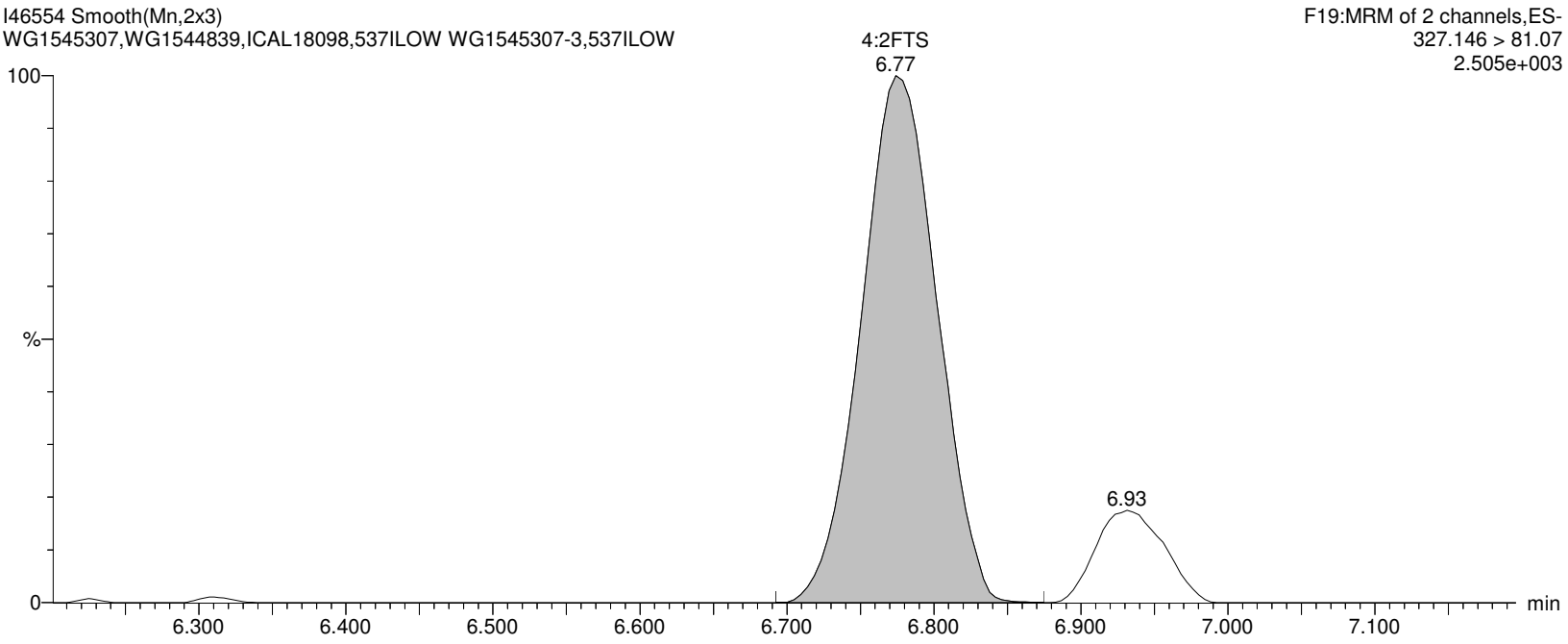
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

4:2FTS



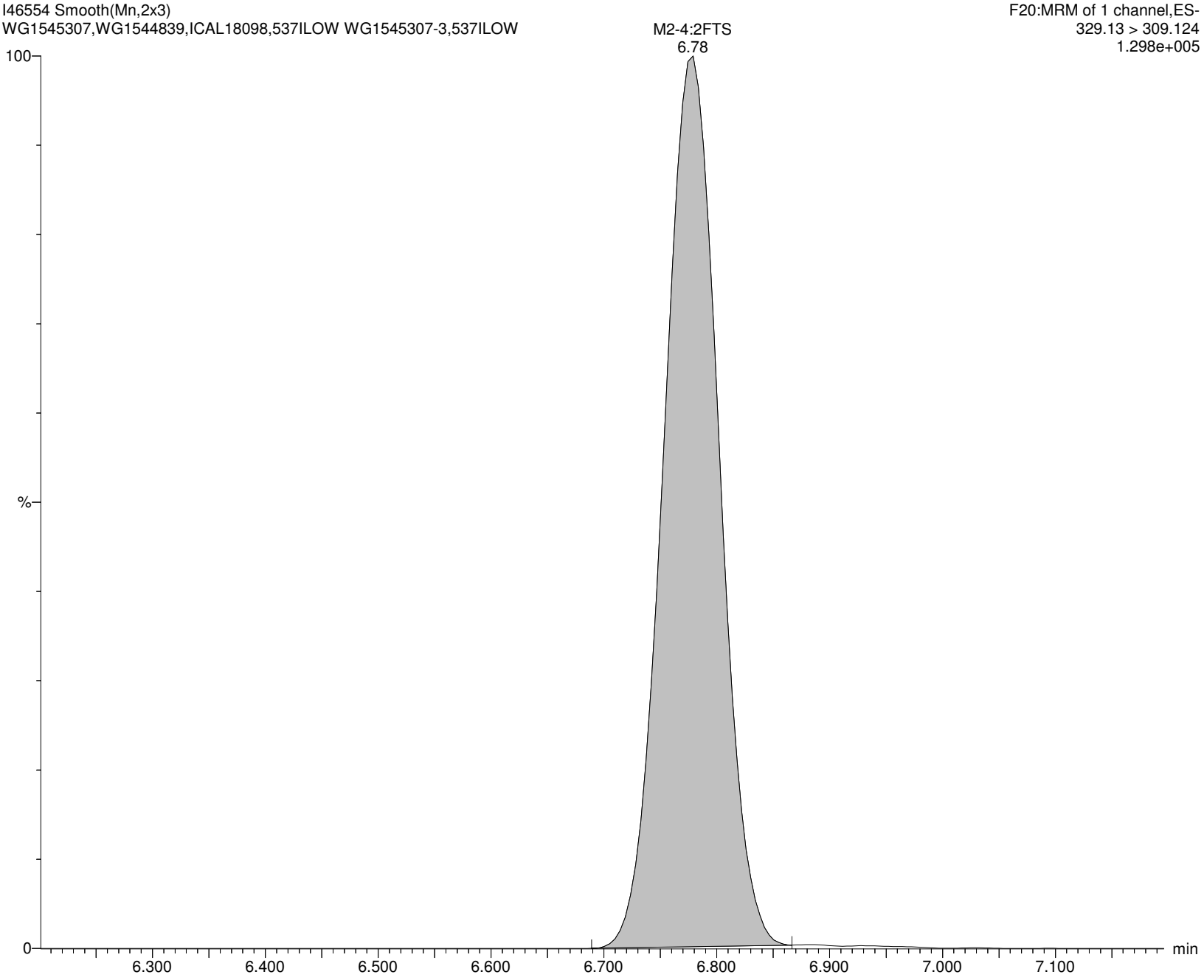


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-4:2FTS

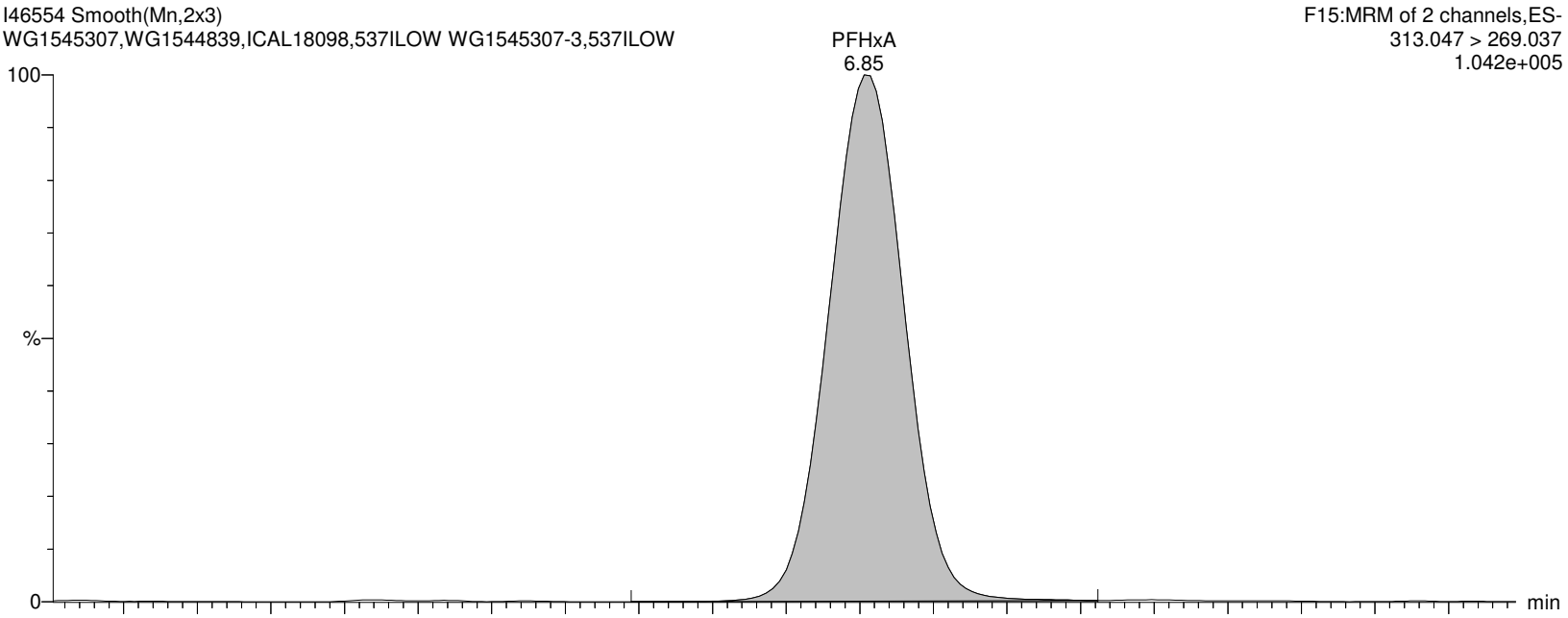


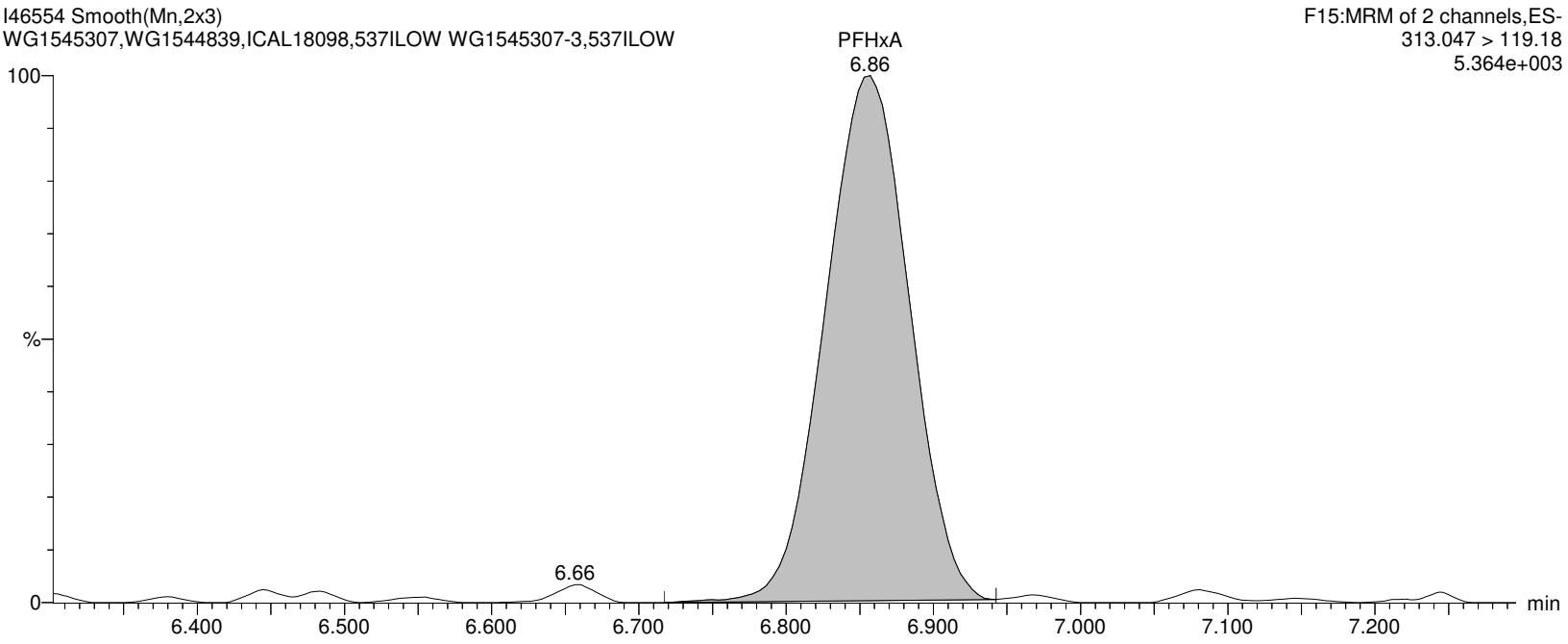
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxA



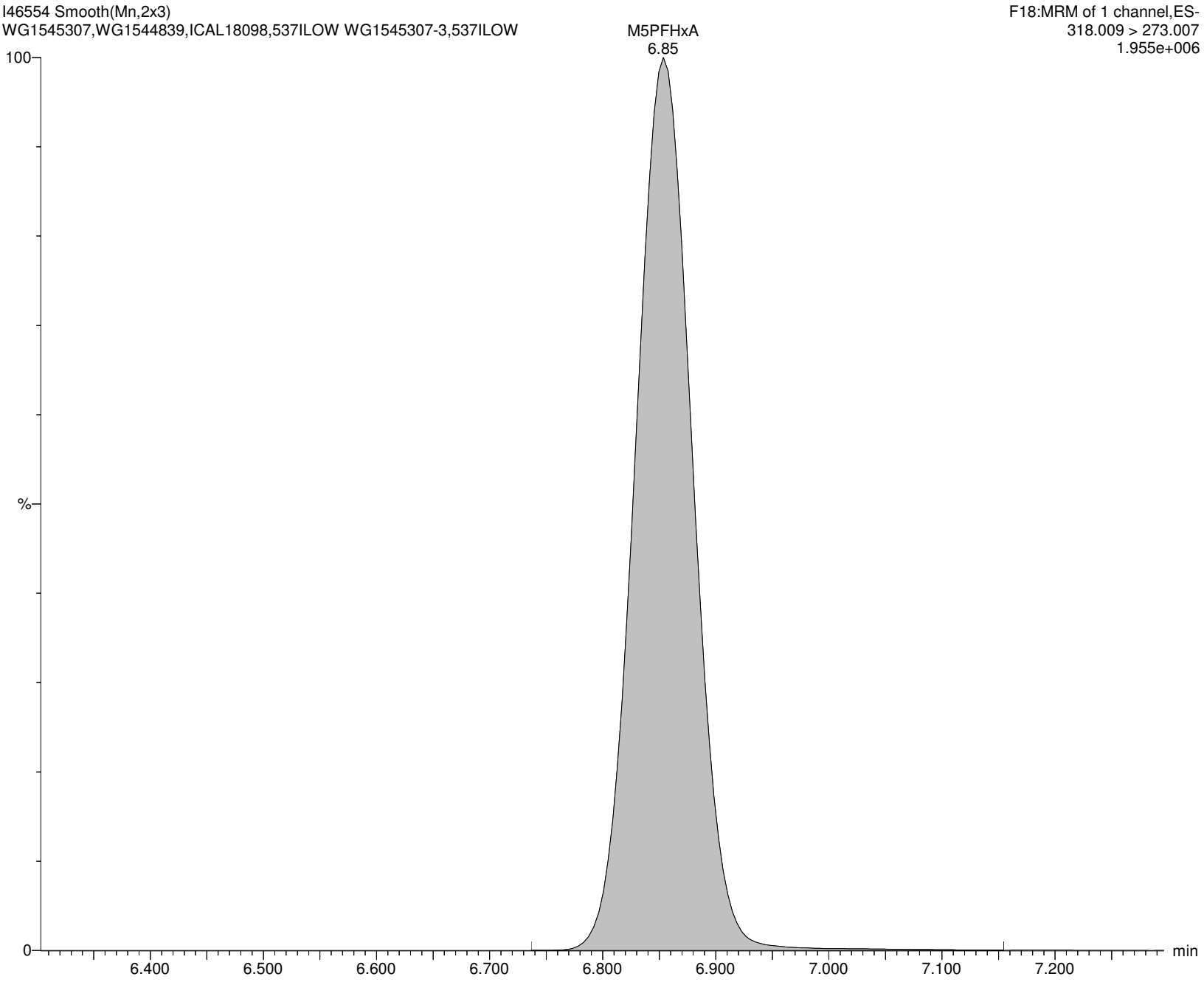


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFHxA

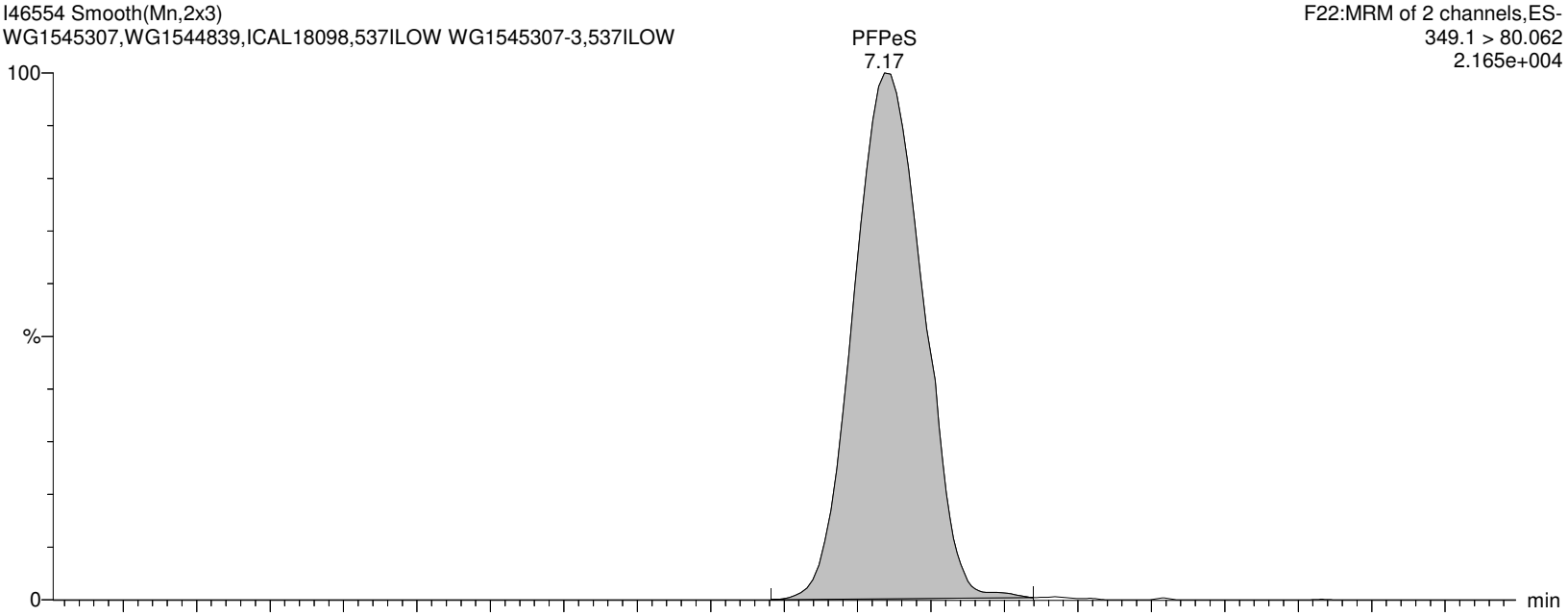


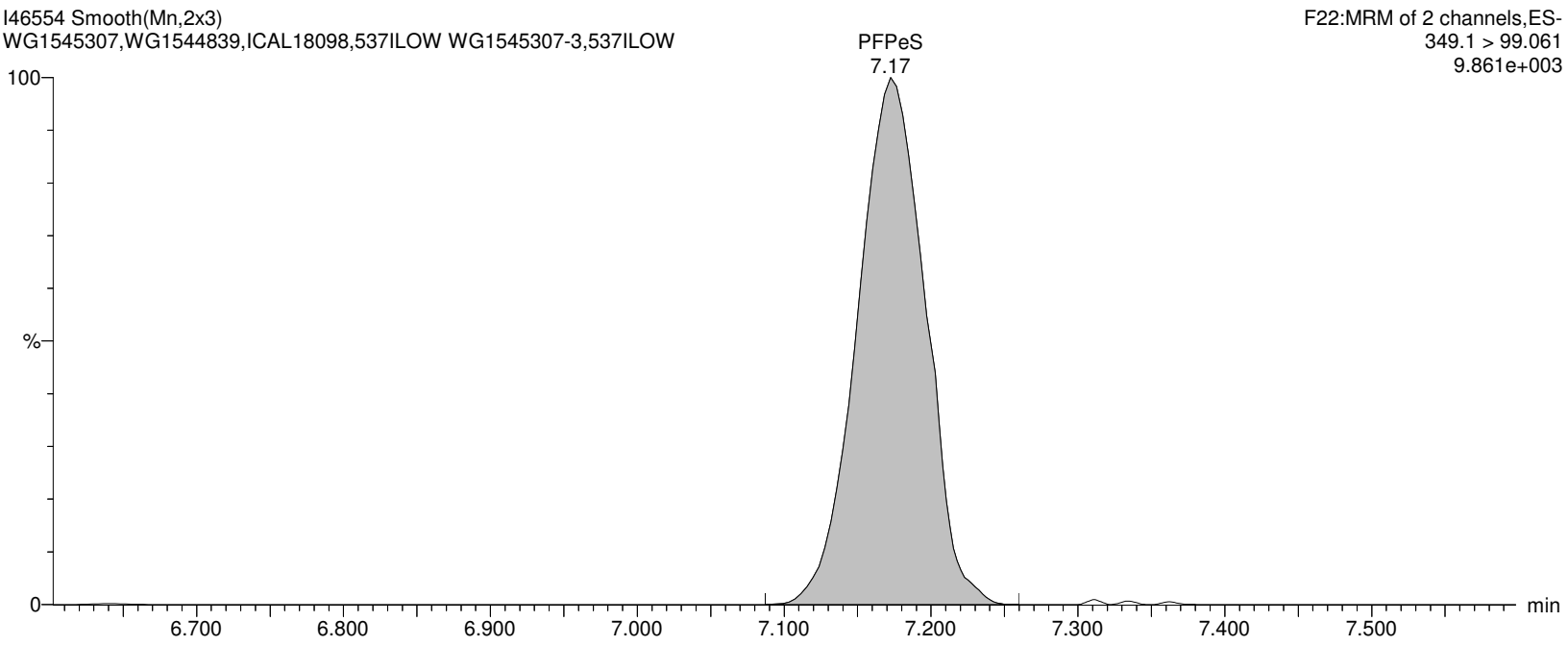
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeS



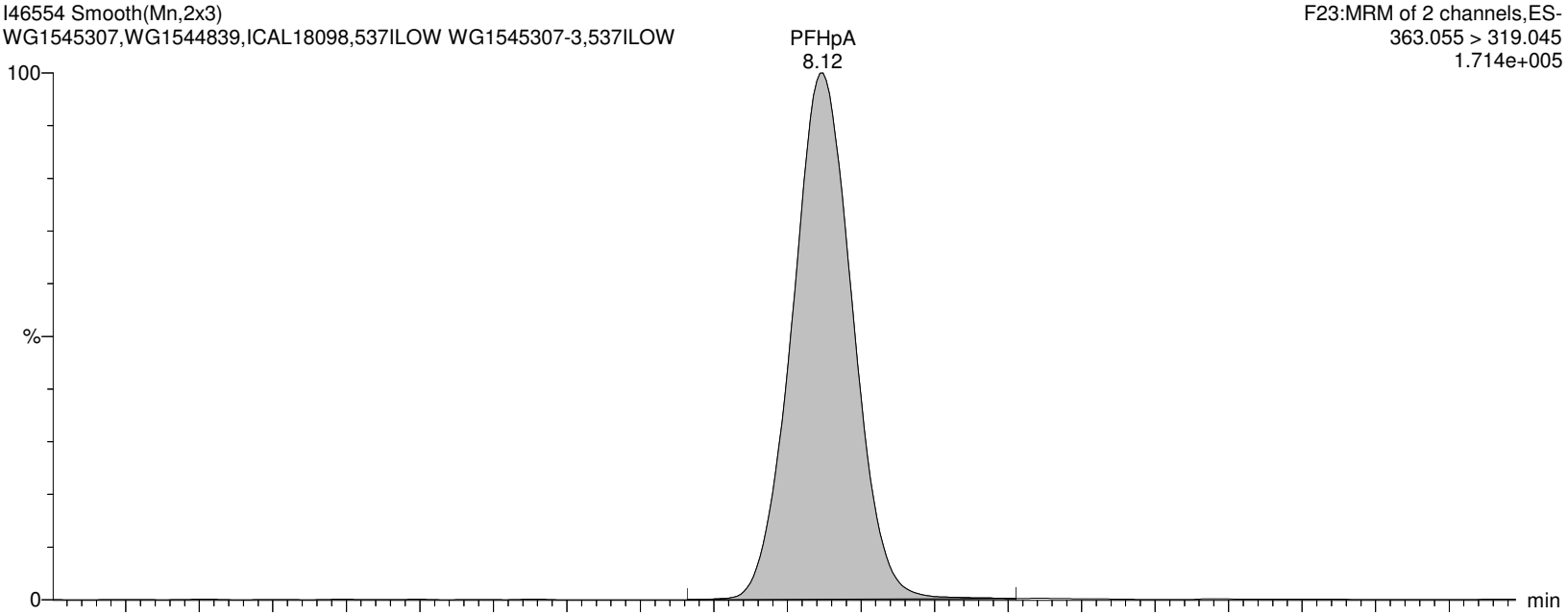


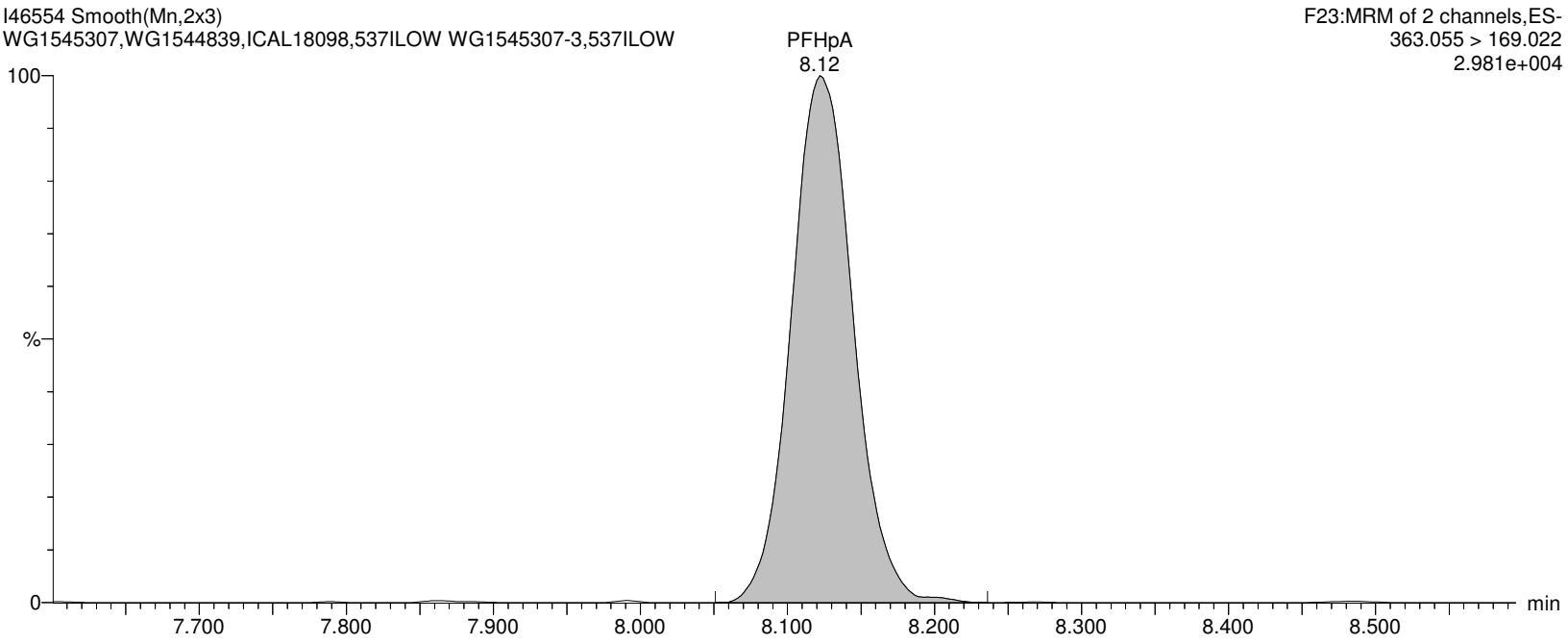
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpA



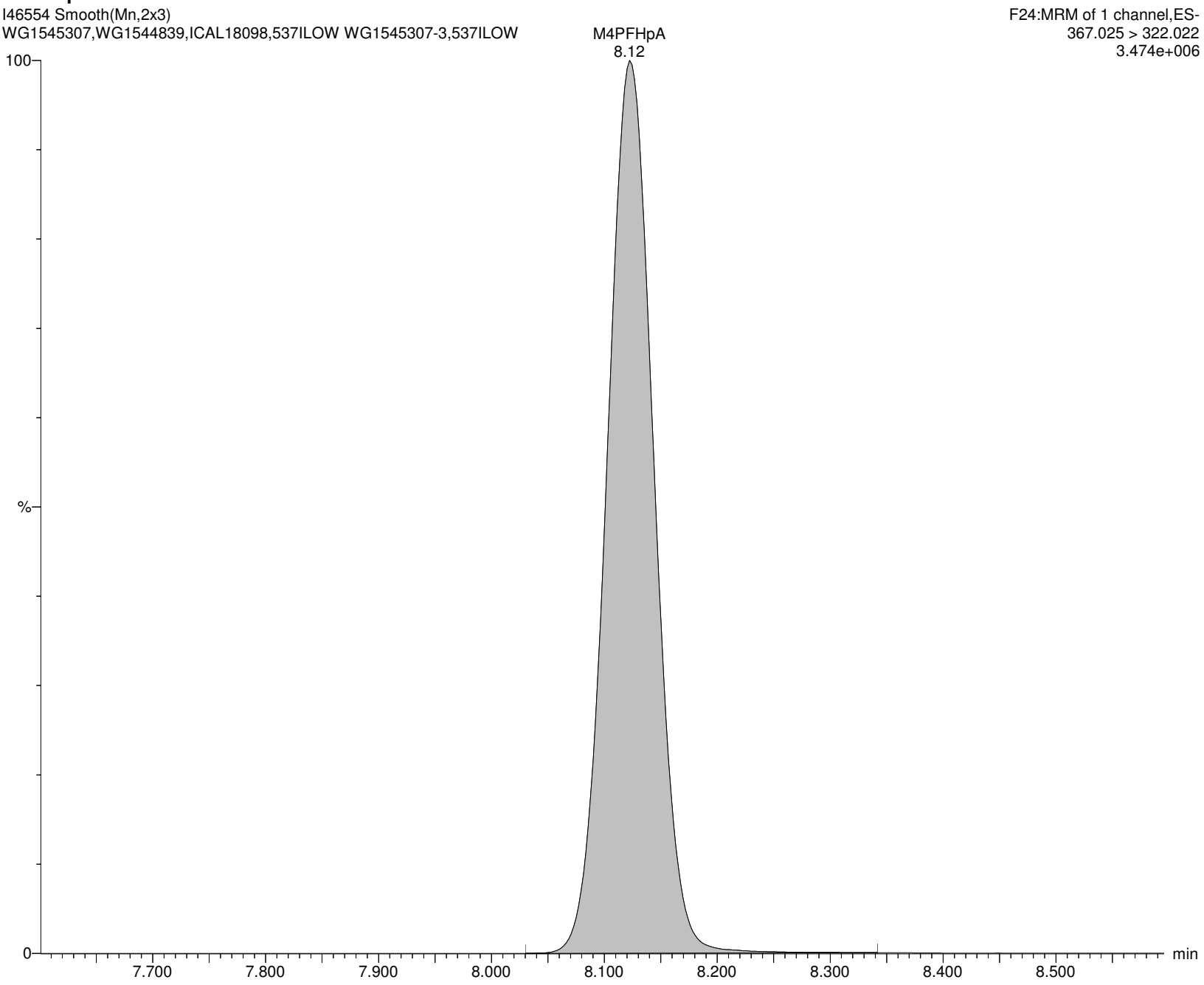


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFHpA

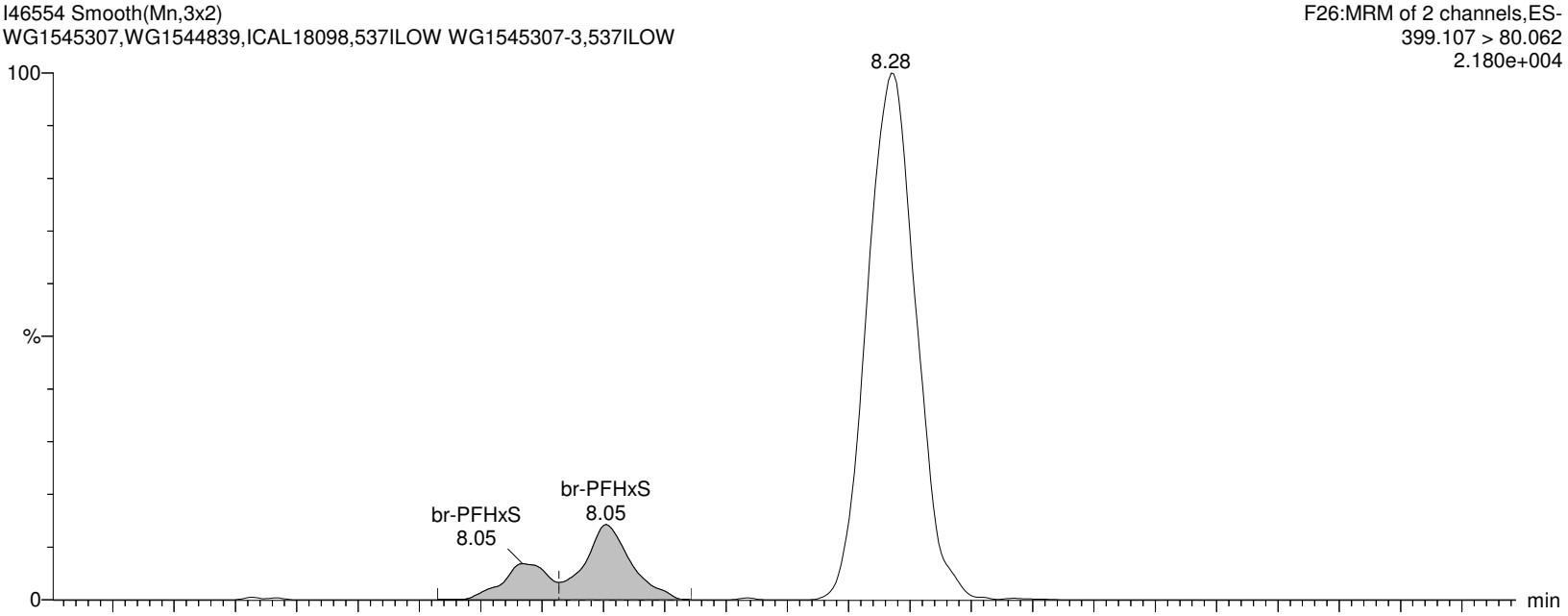


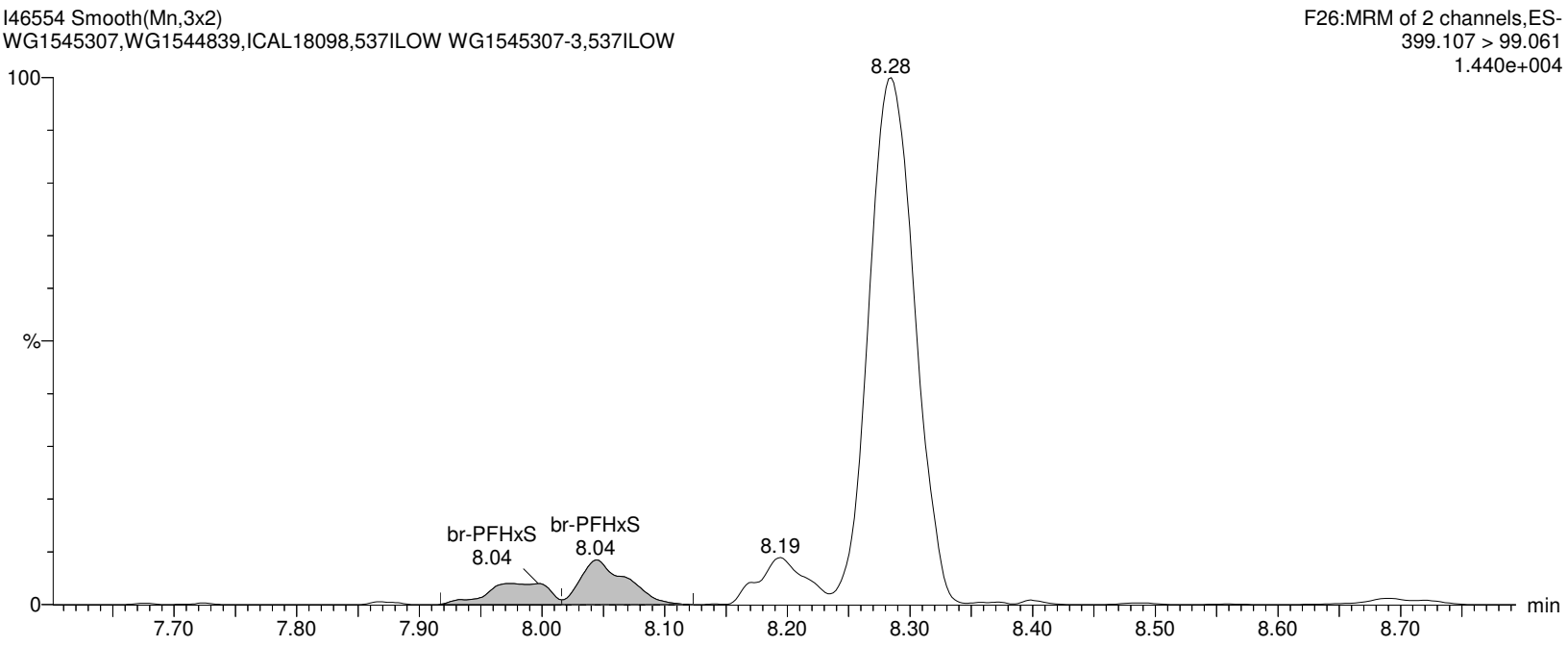
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFHxS



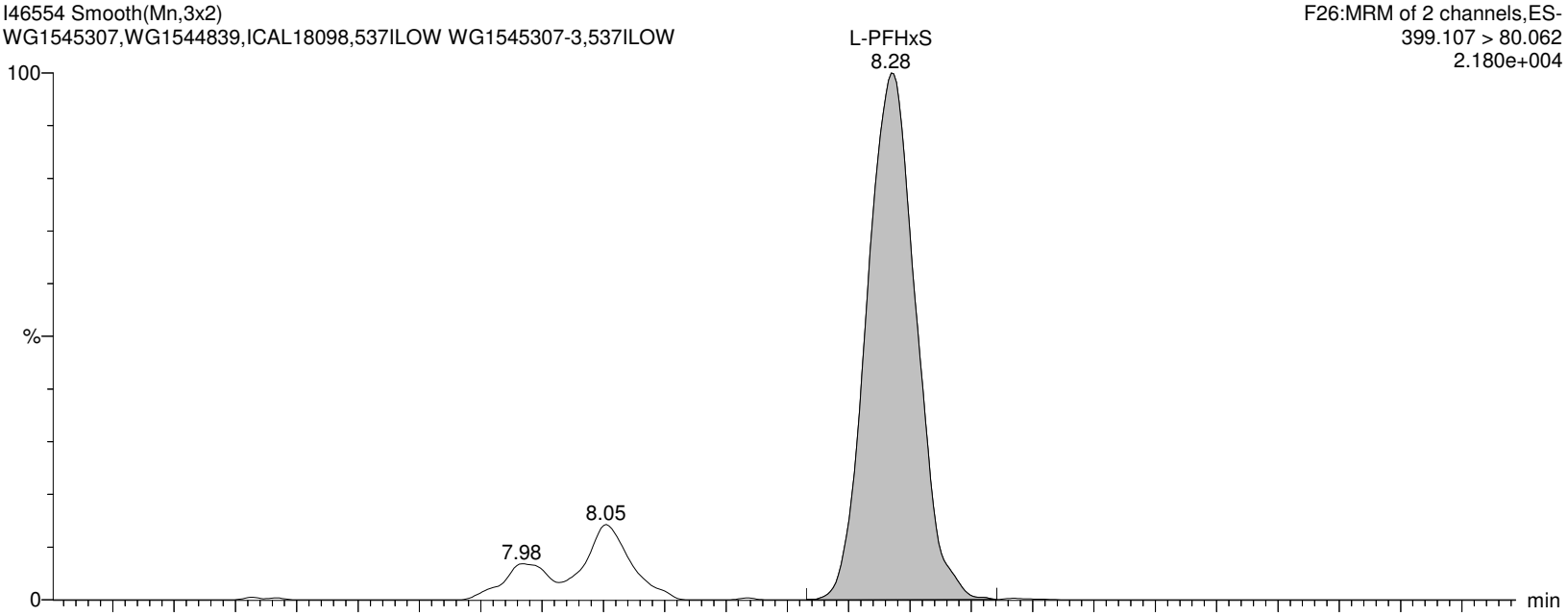


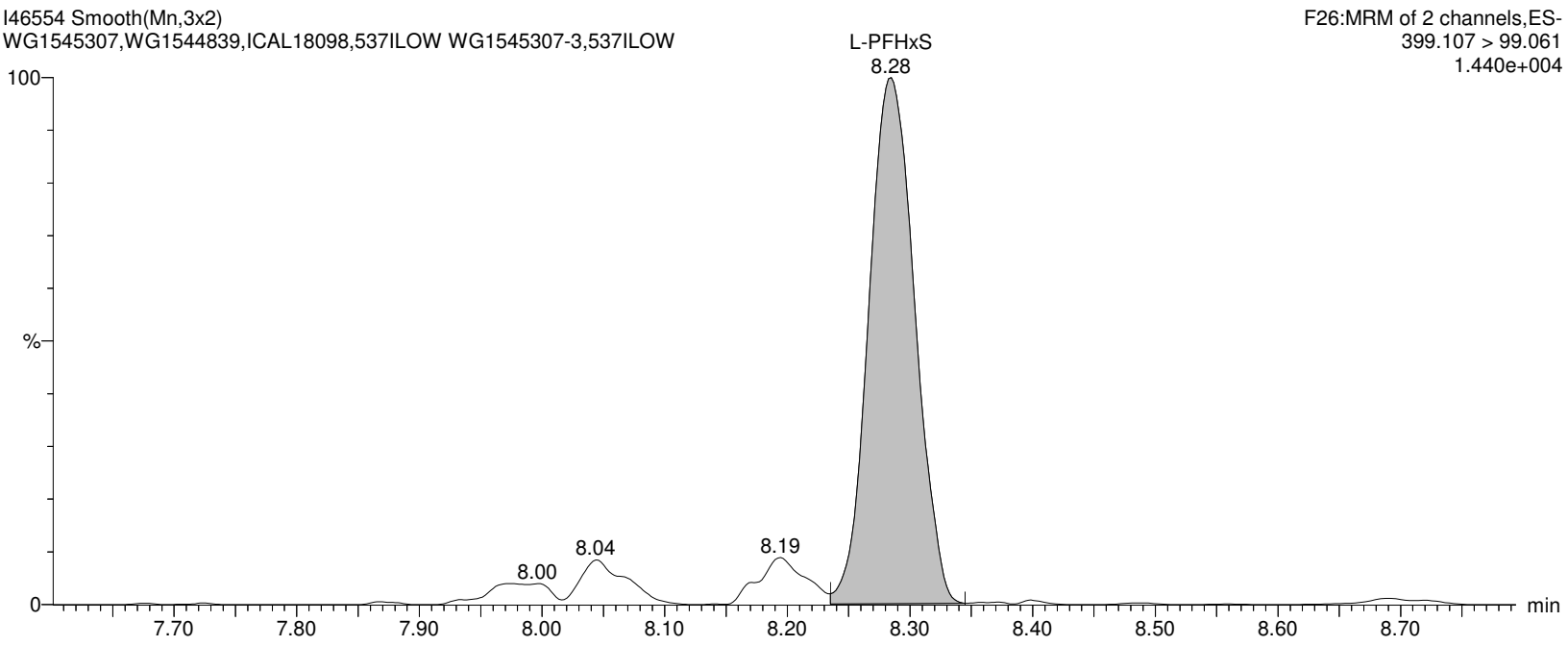
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFHxS



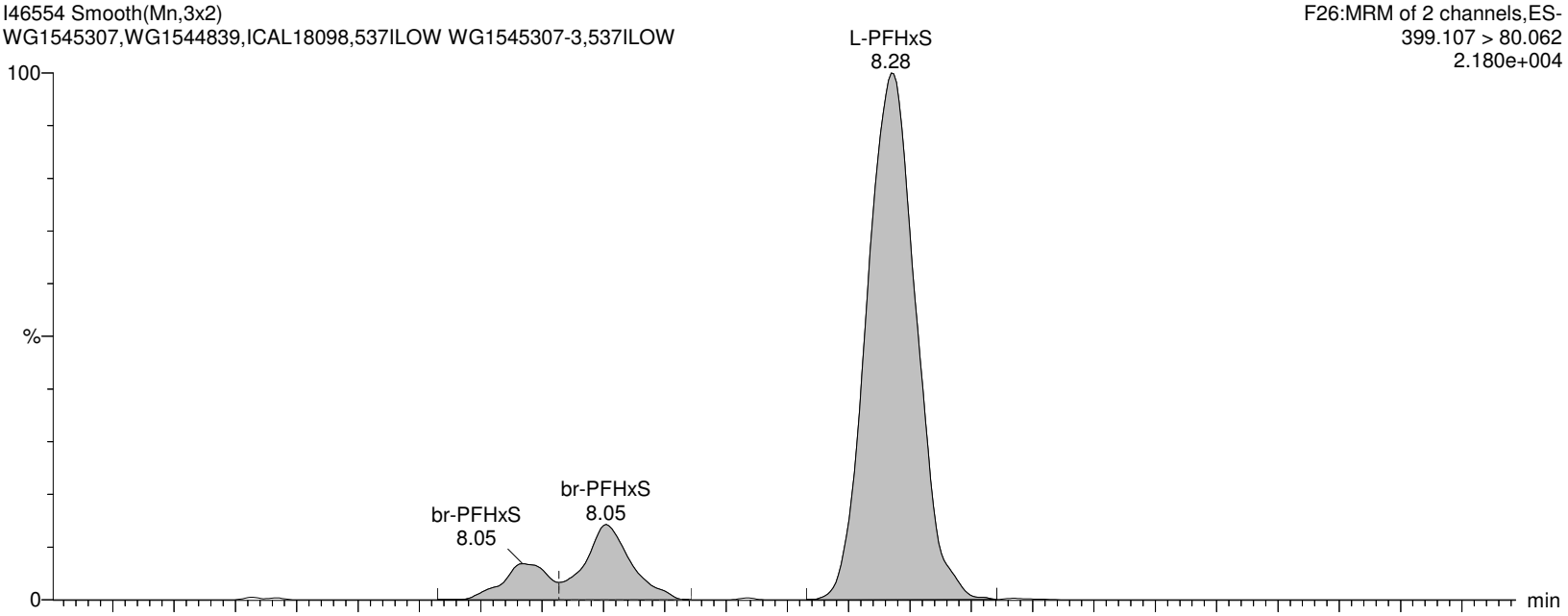


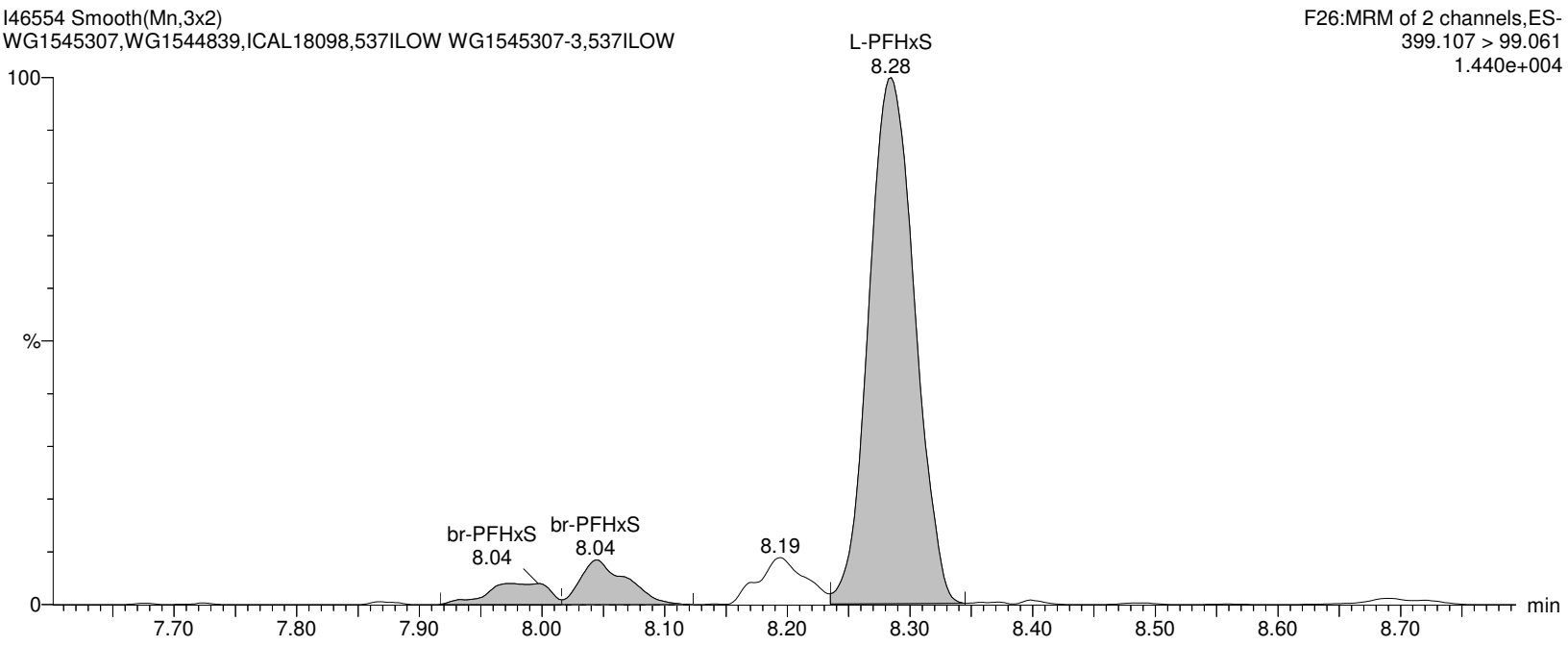
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxS



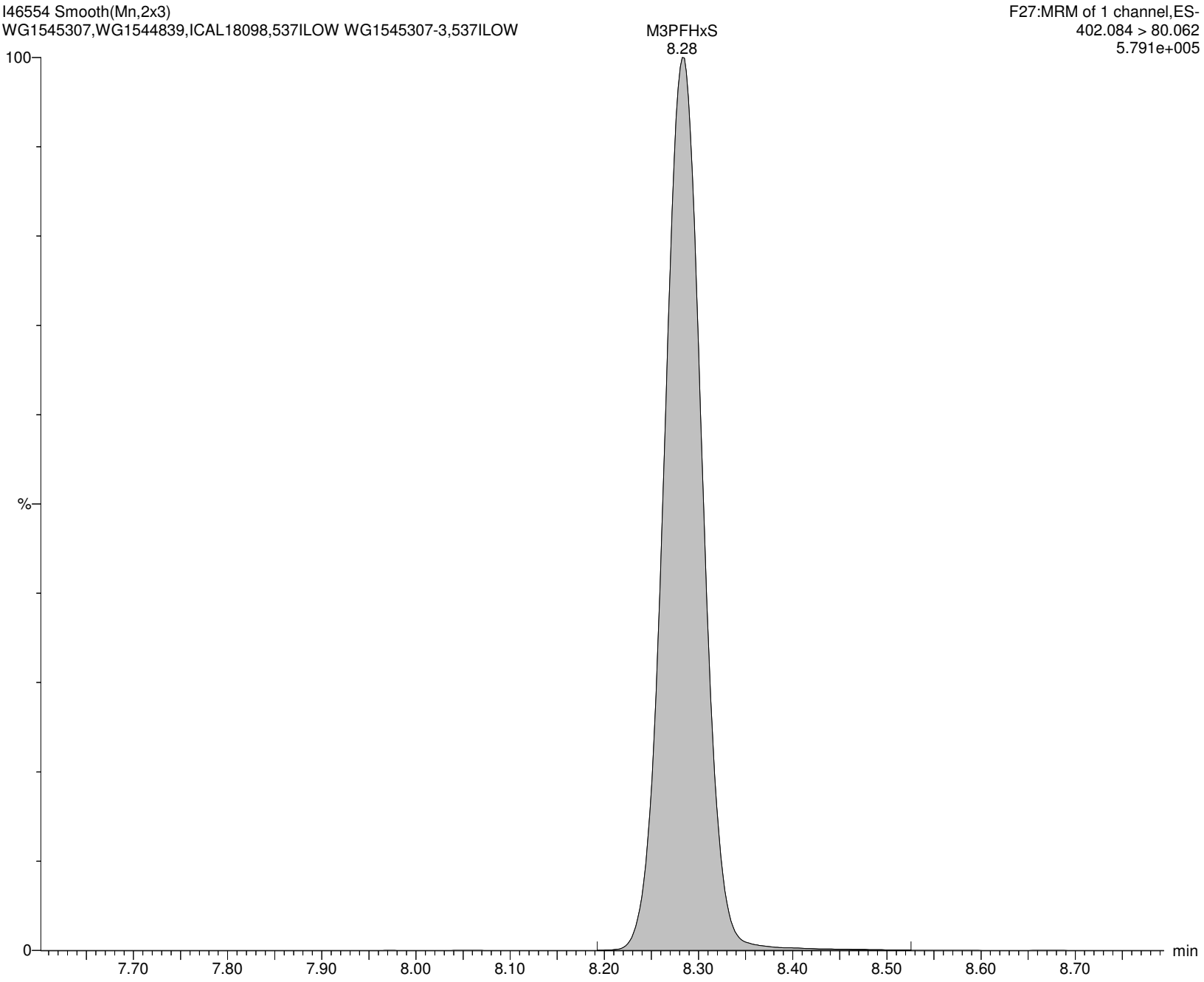


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFHxS

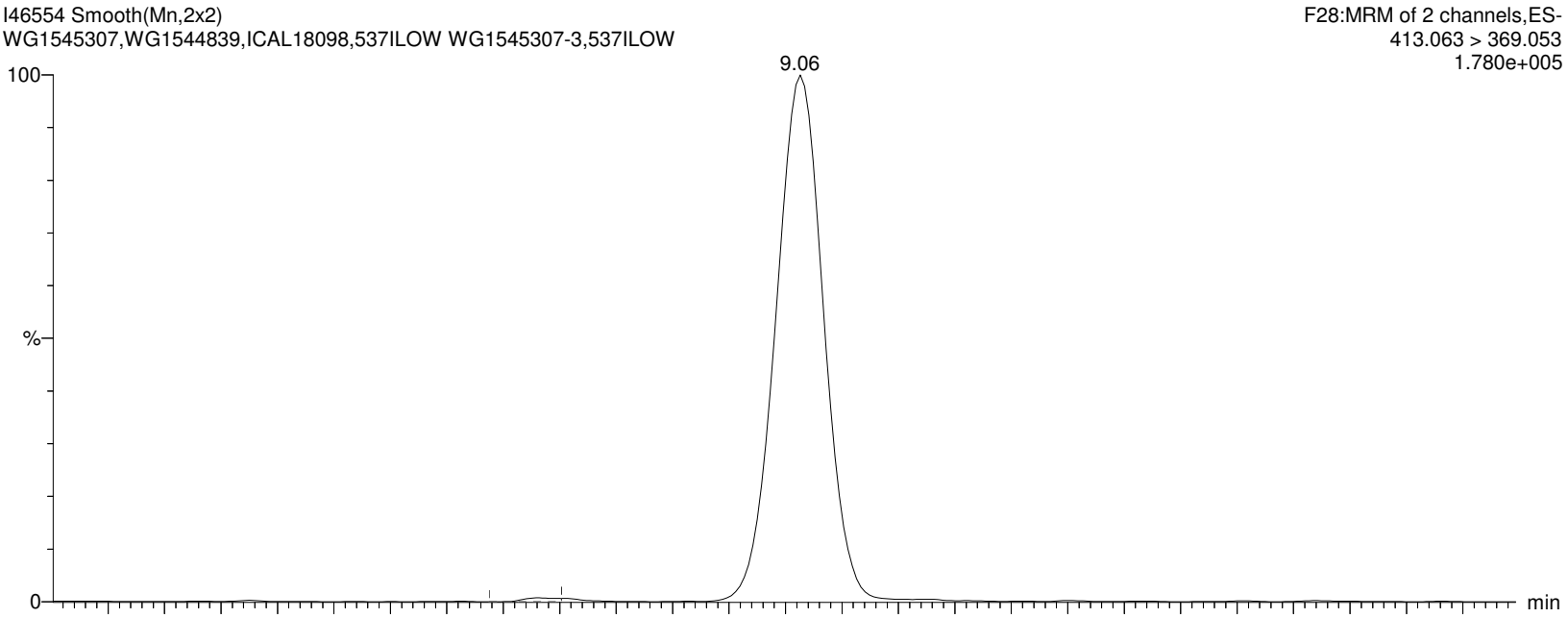


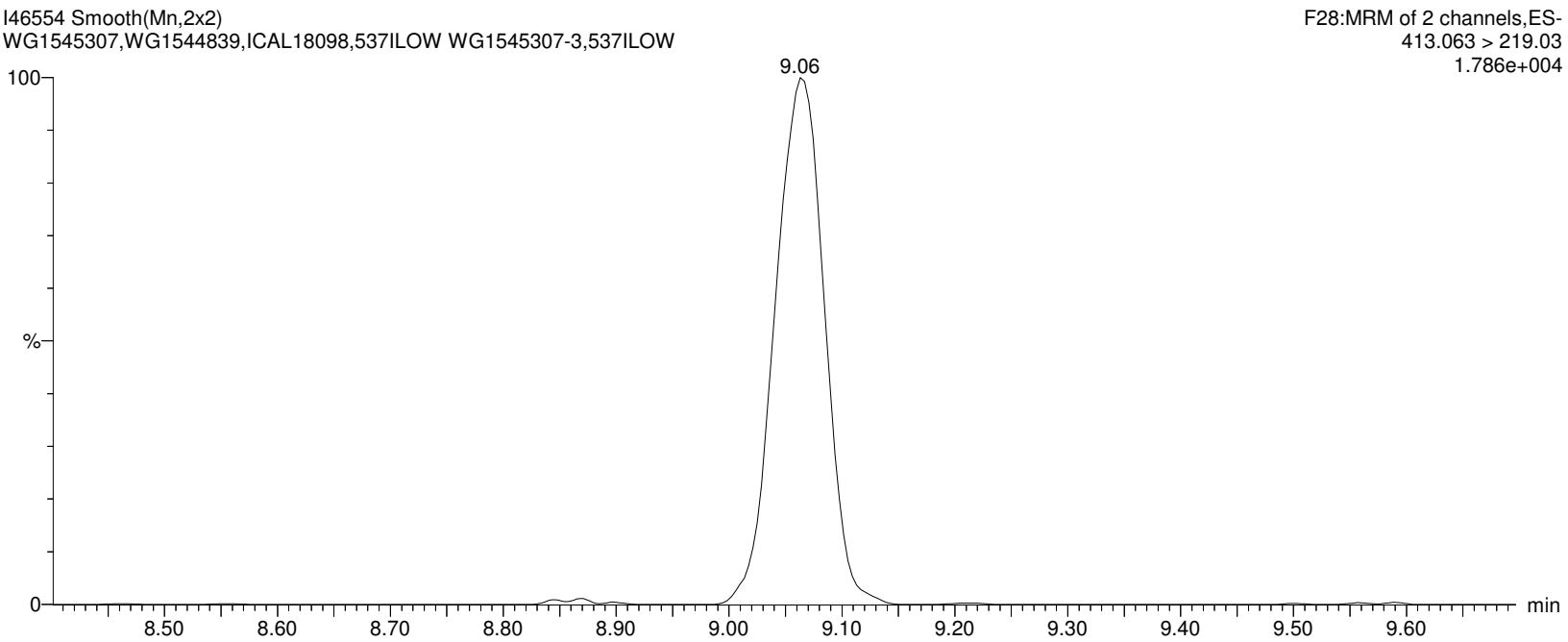
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOA



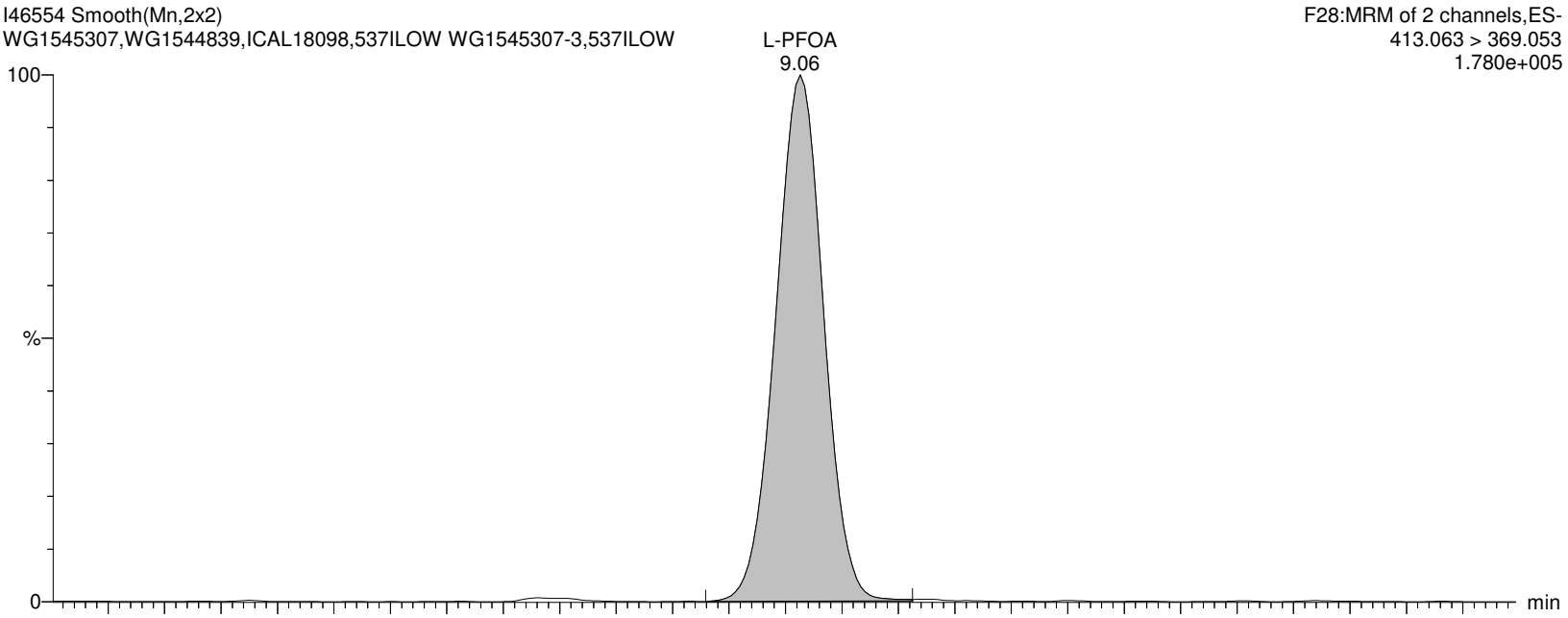


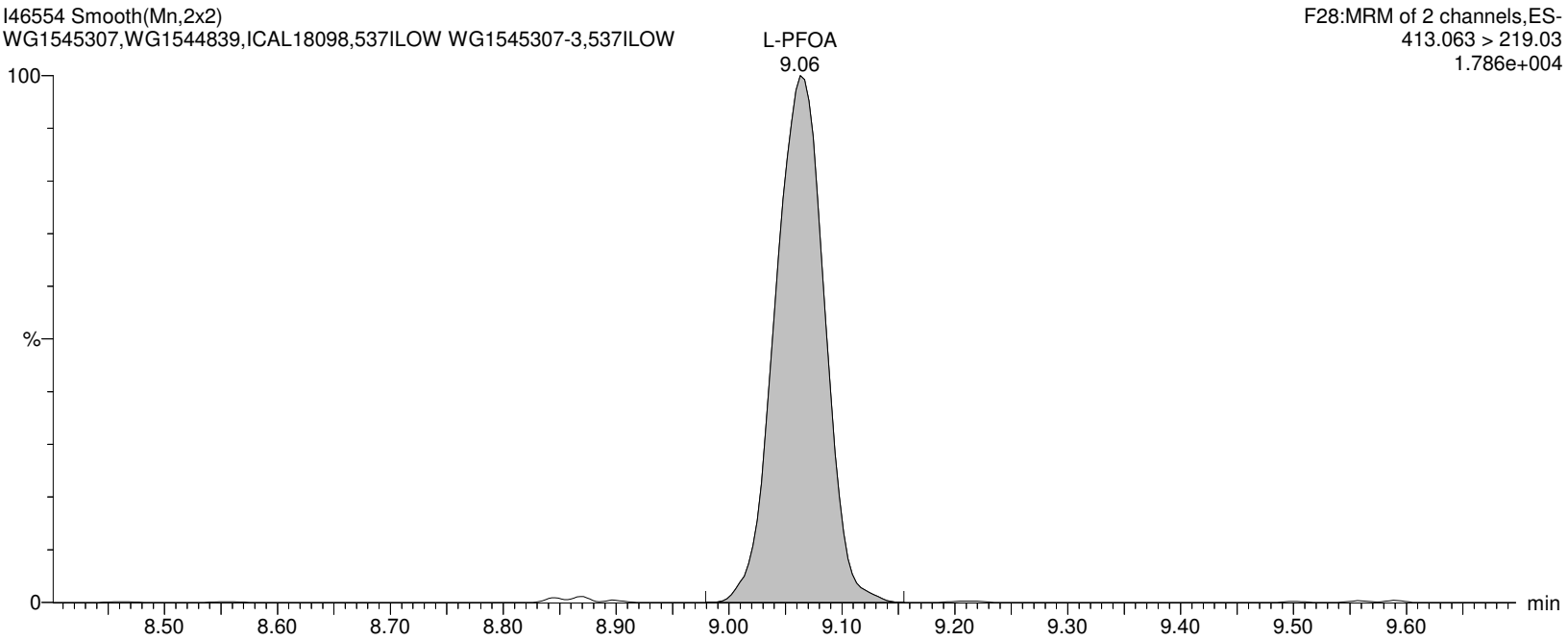
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOA



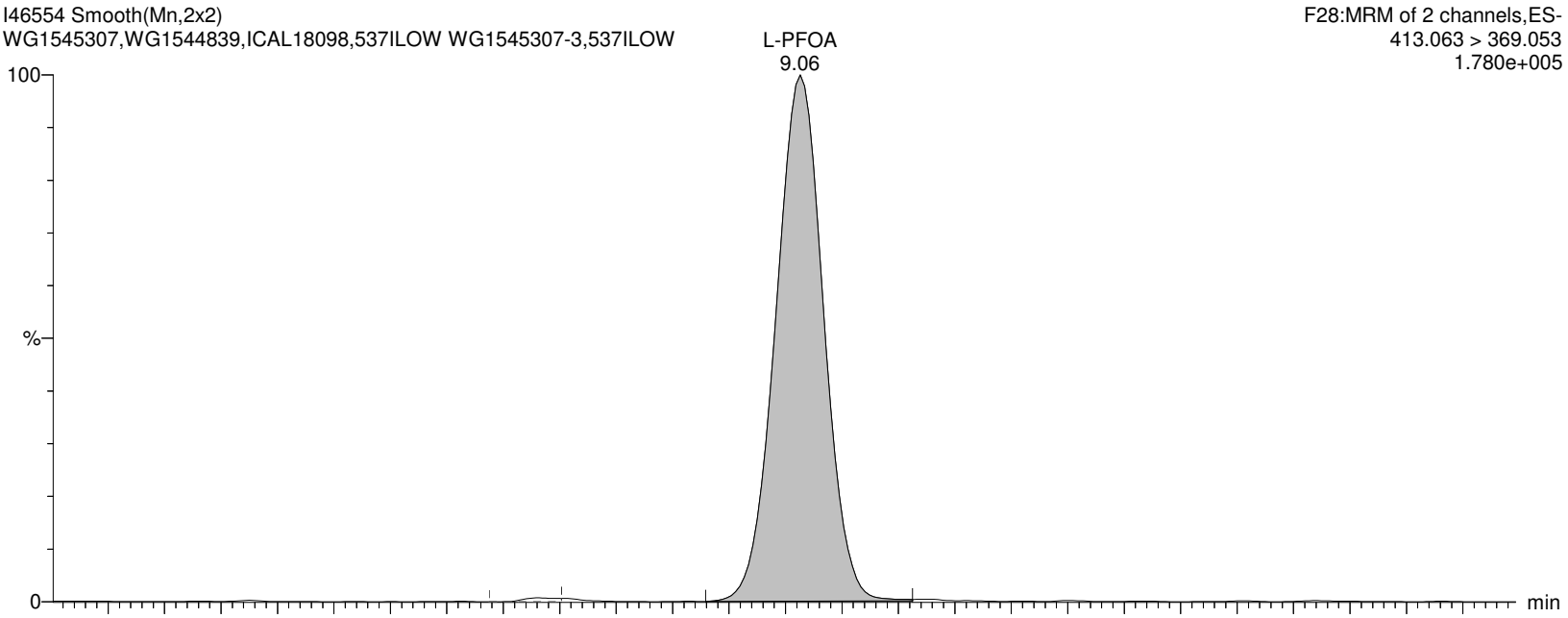


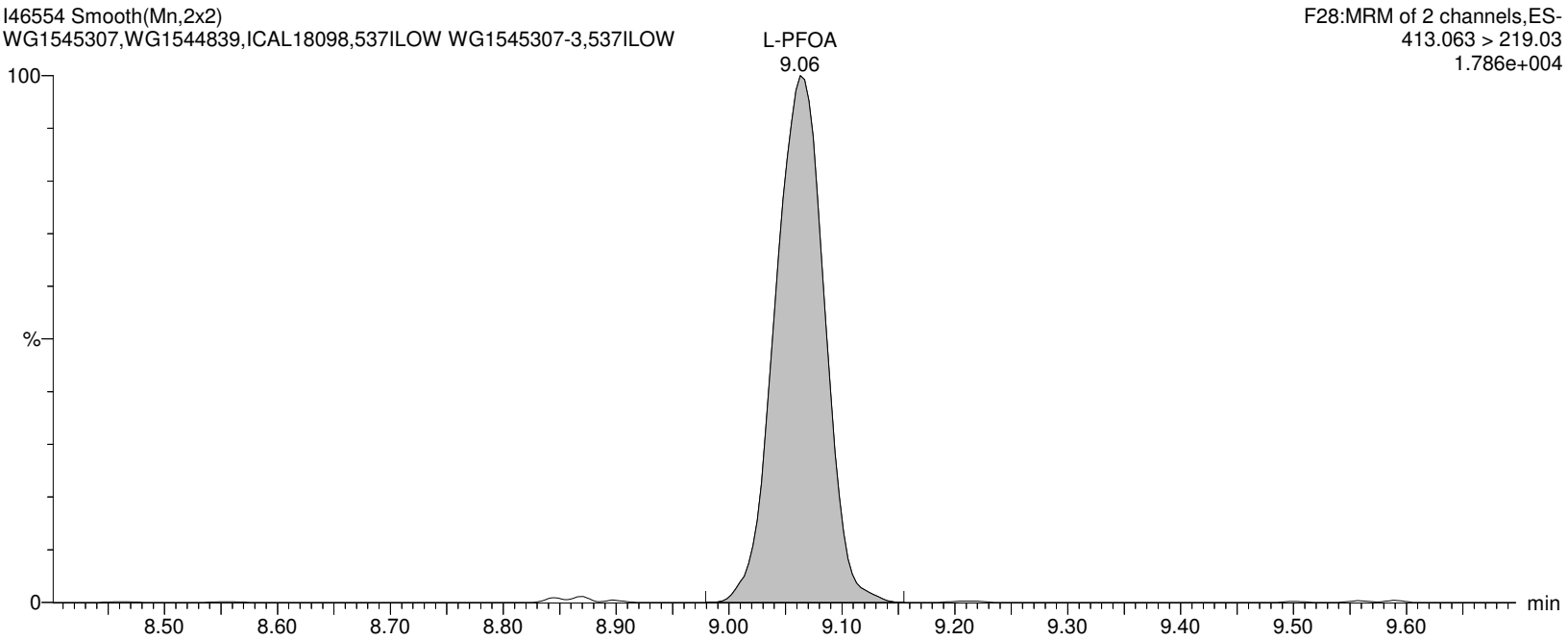
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOA



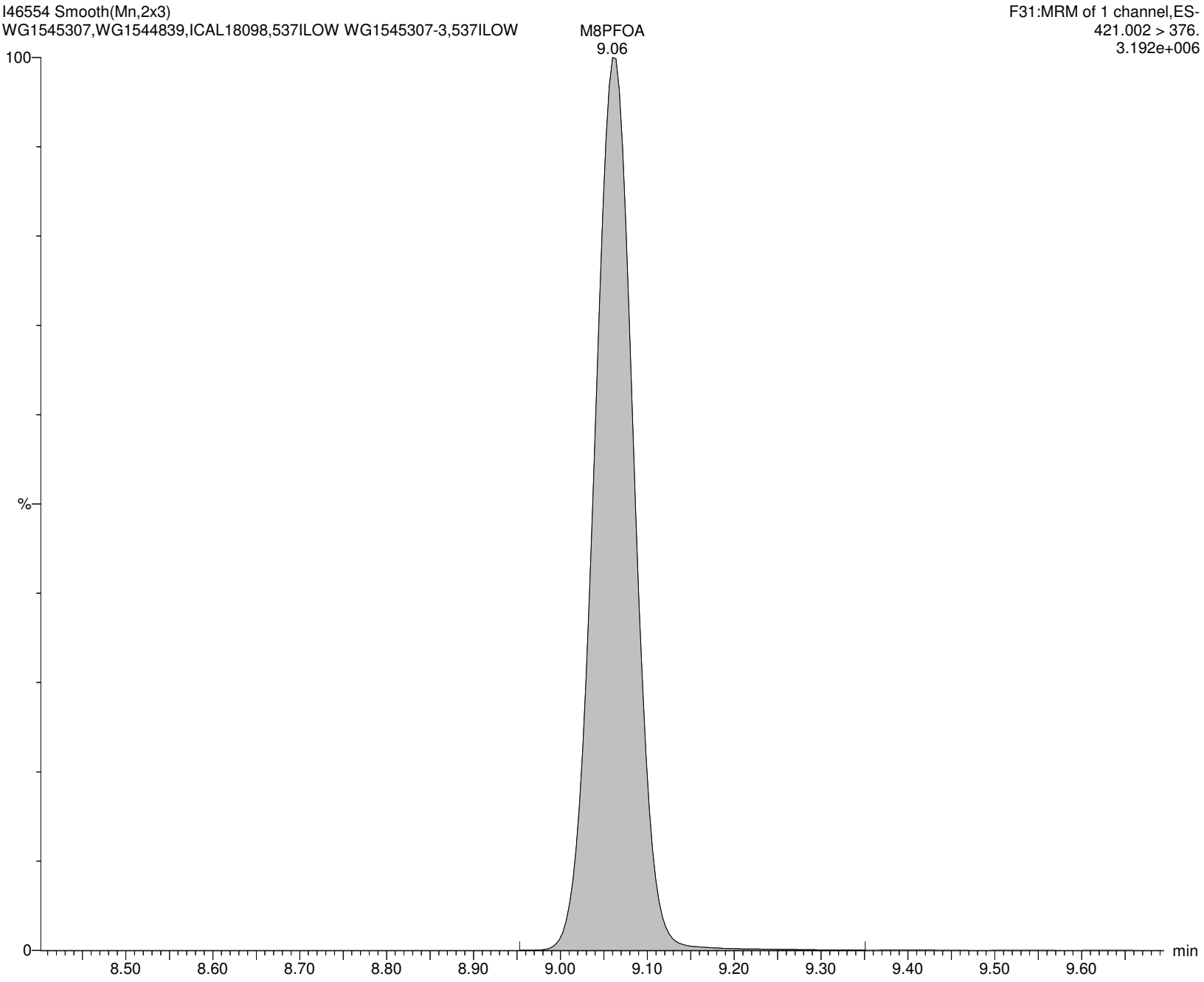


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOA

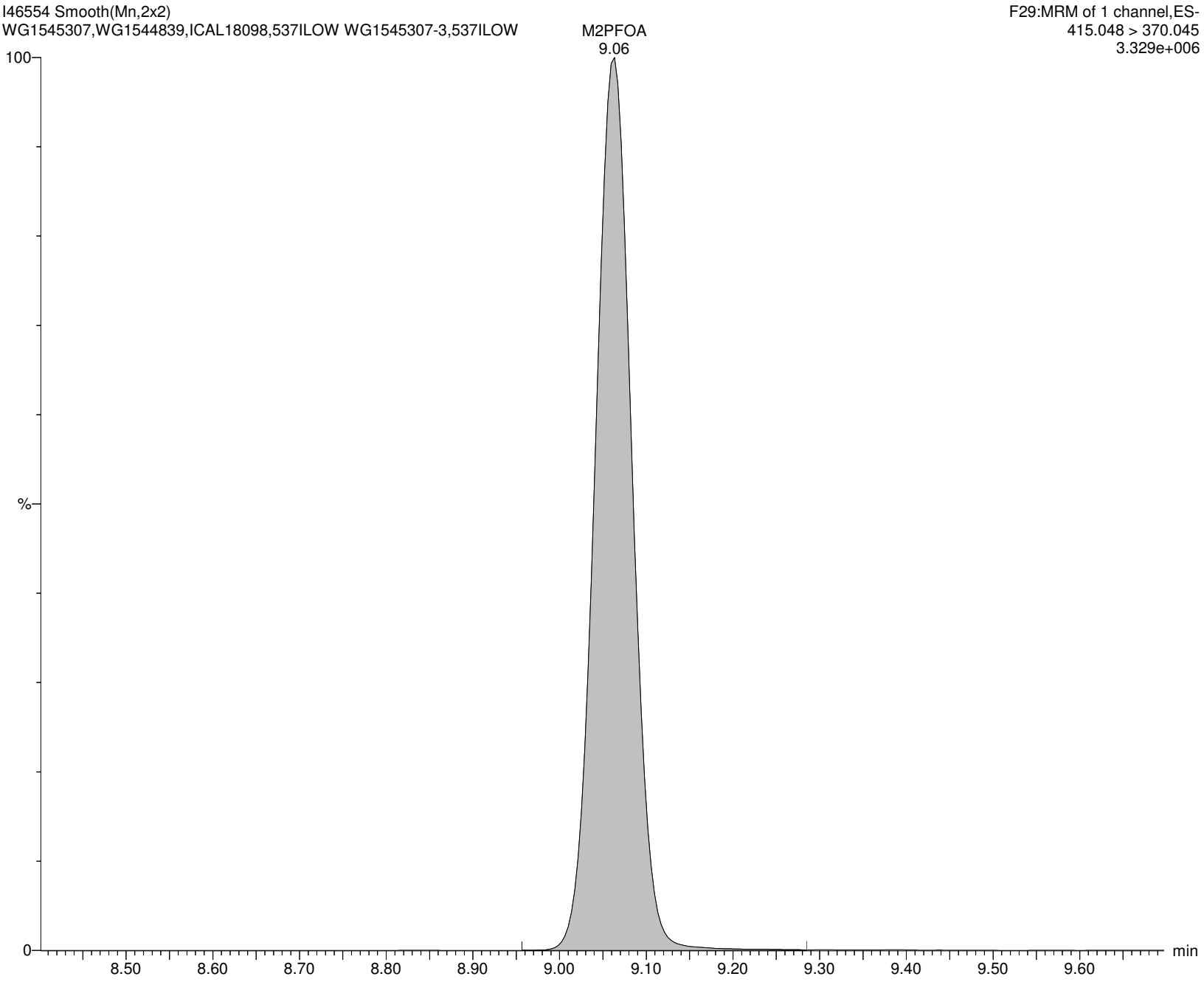


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFOA

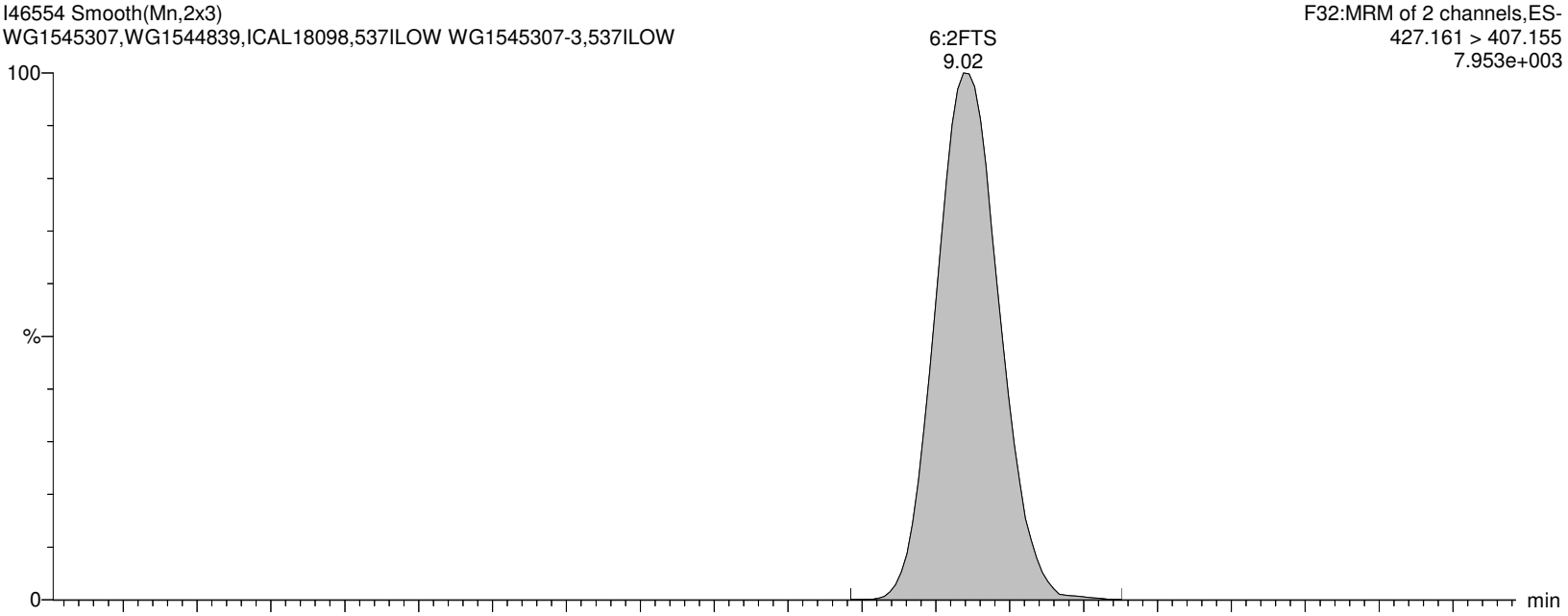


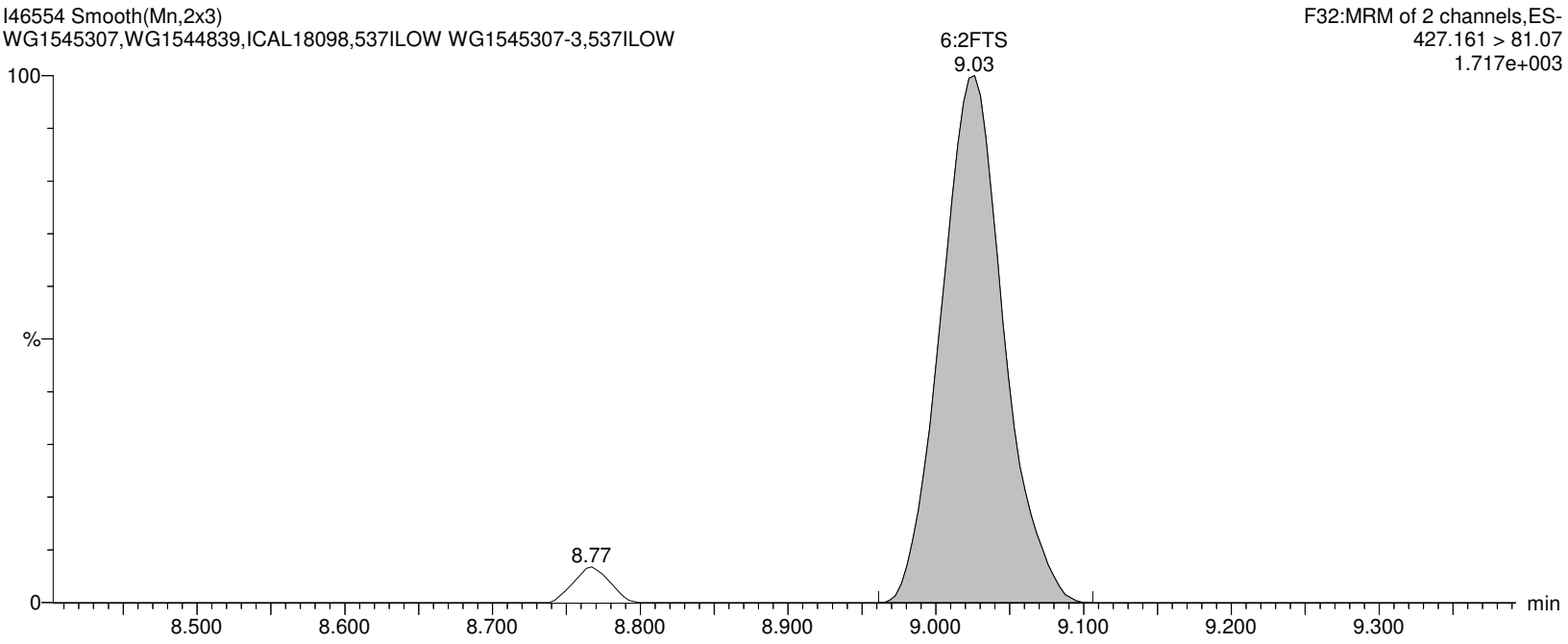
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

6:2FTS



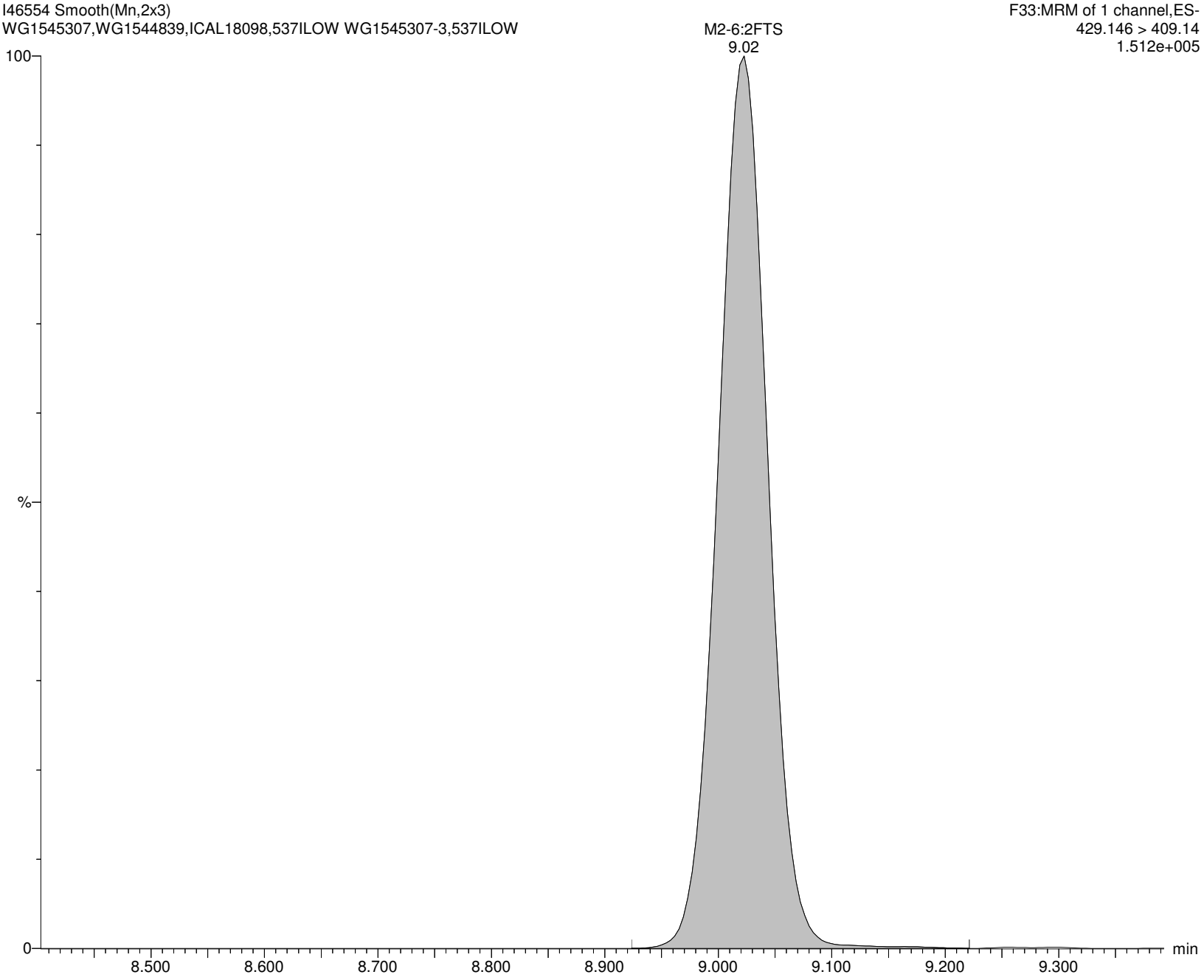


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-6:2FTS

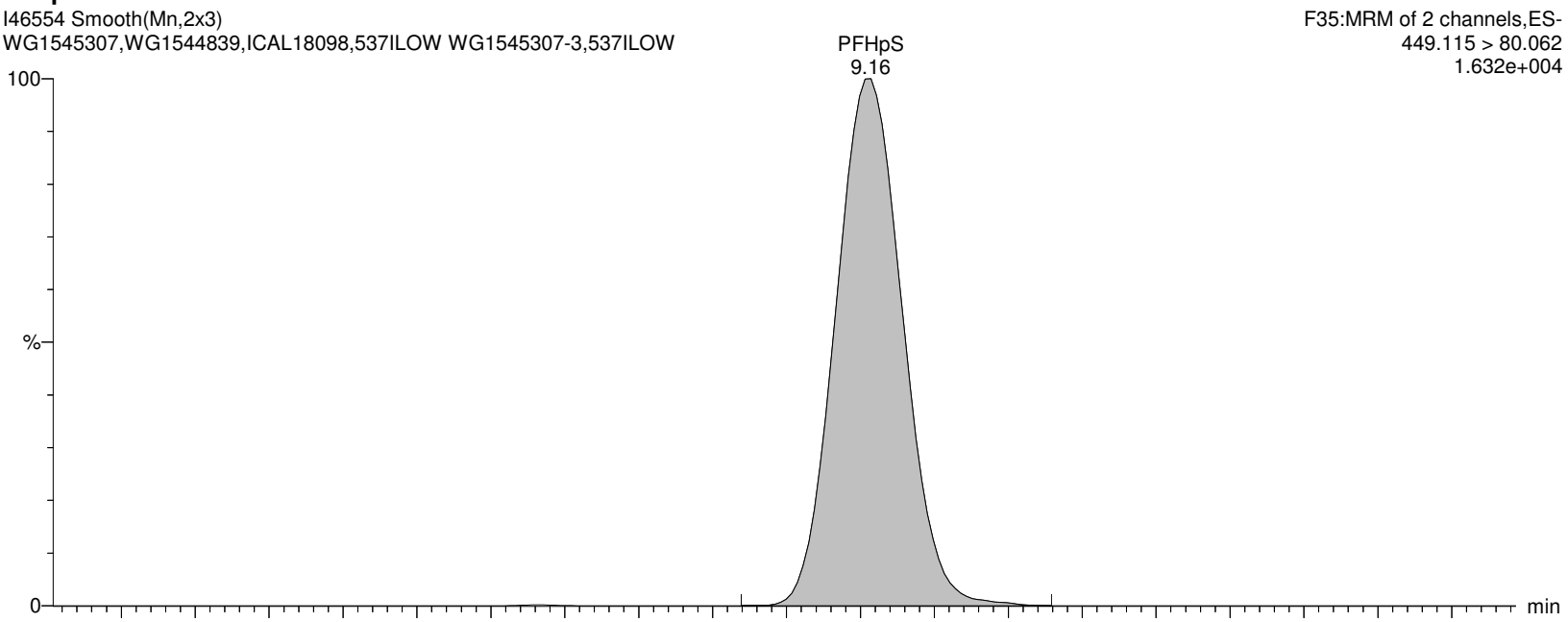


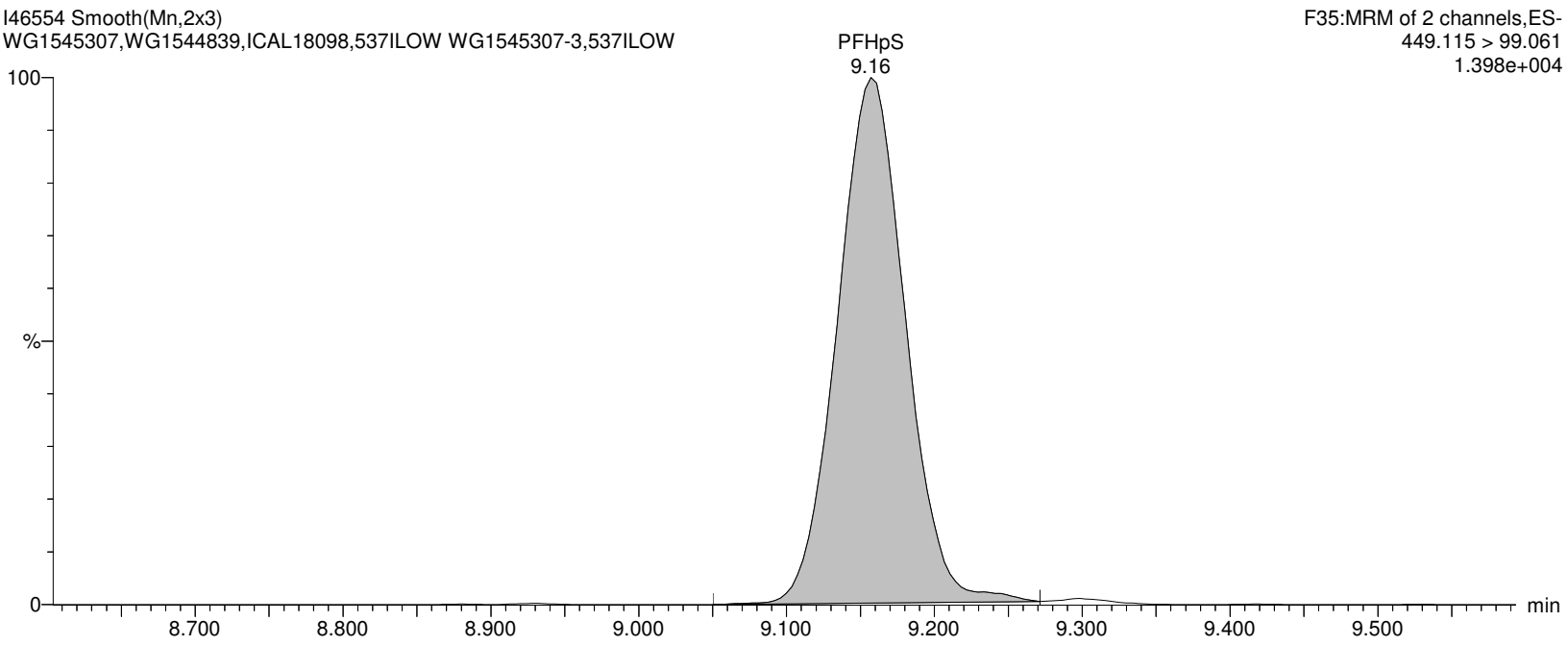
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpS



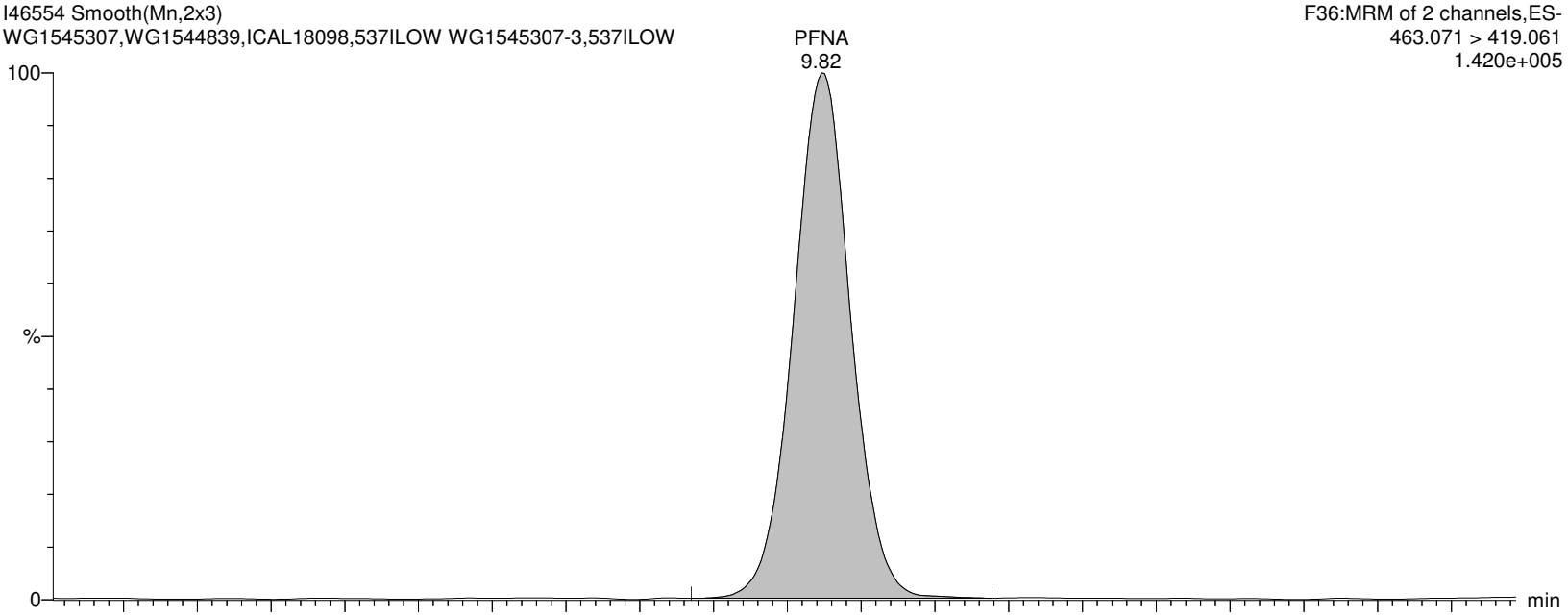


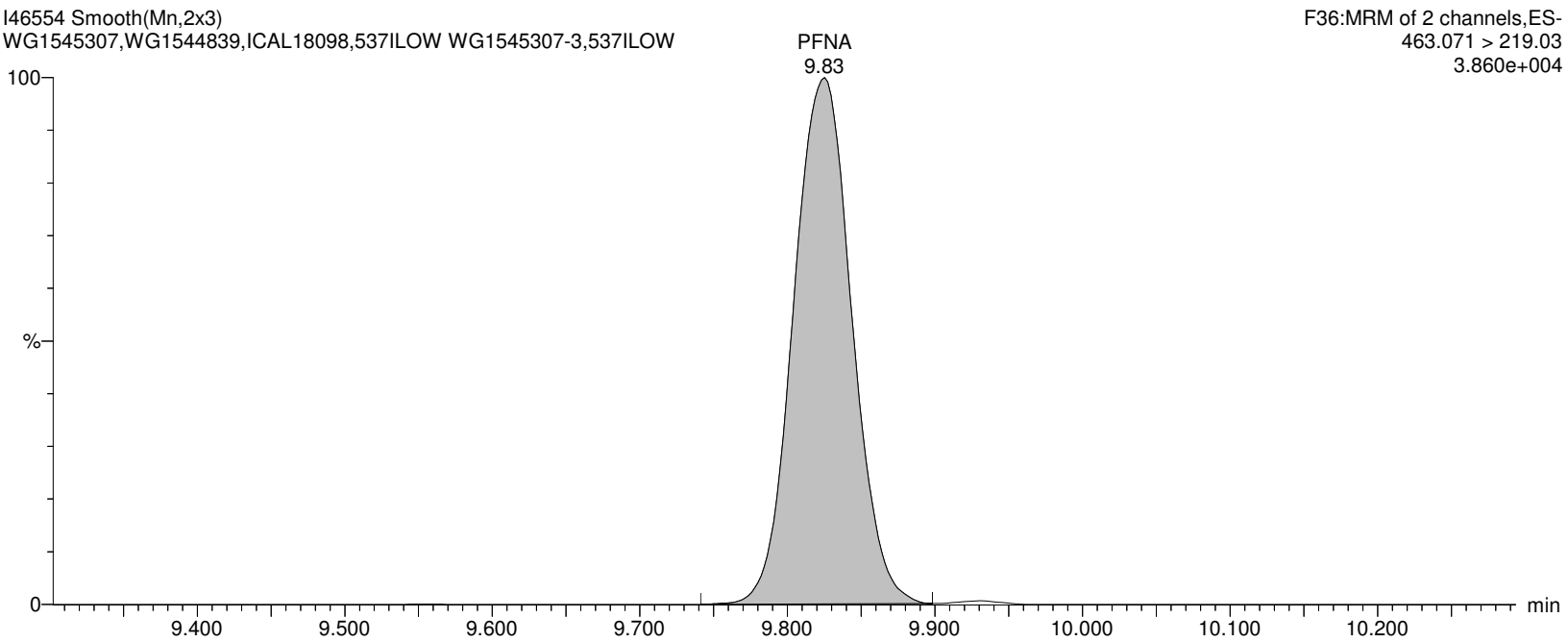
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNA



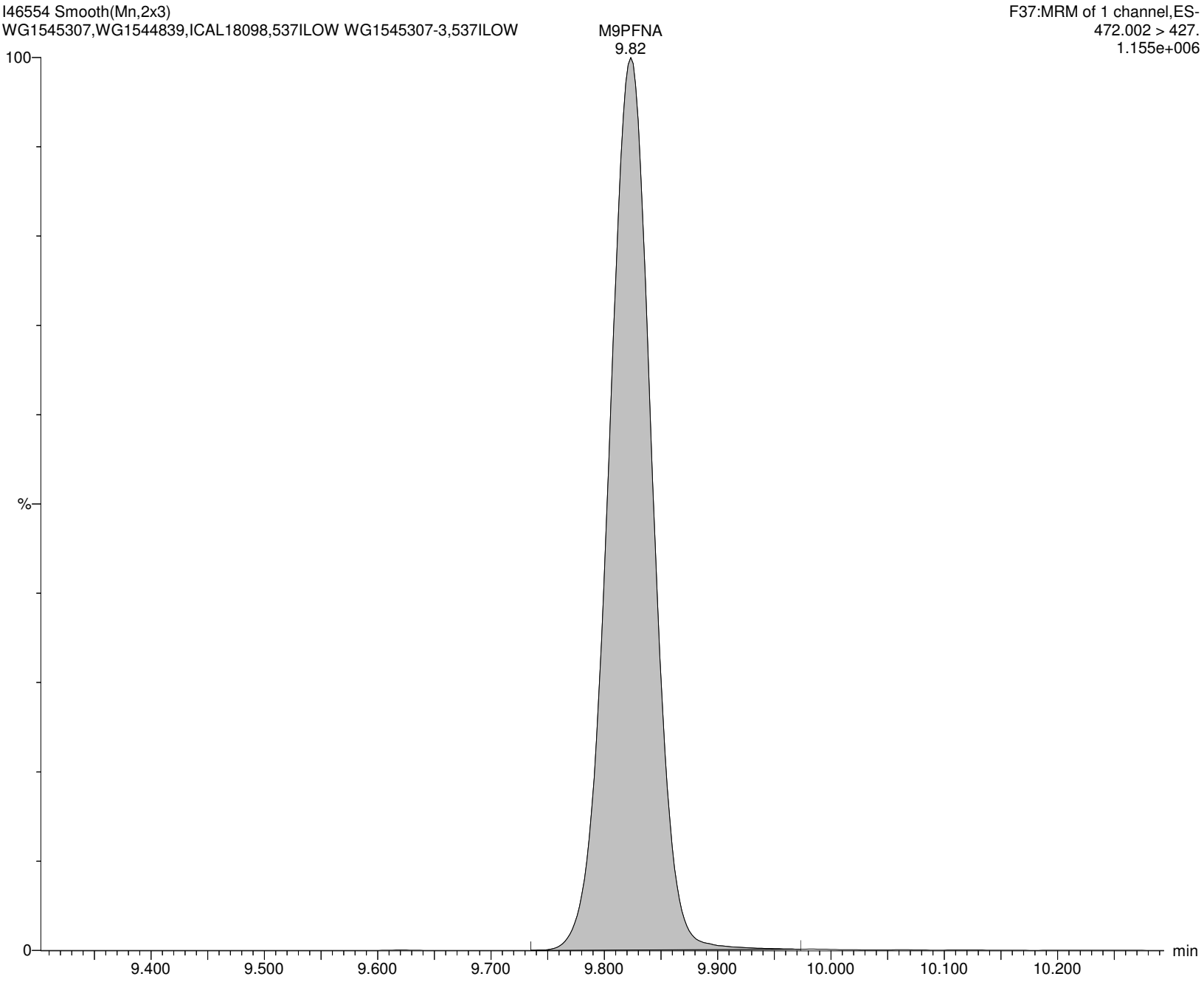


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M9PFNA

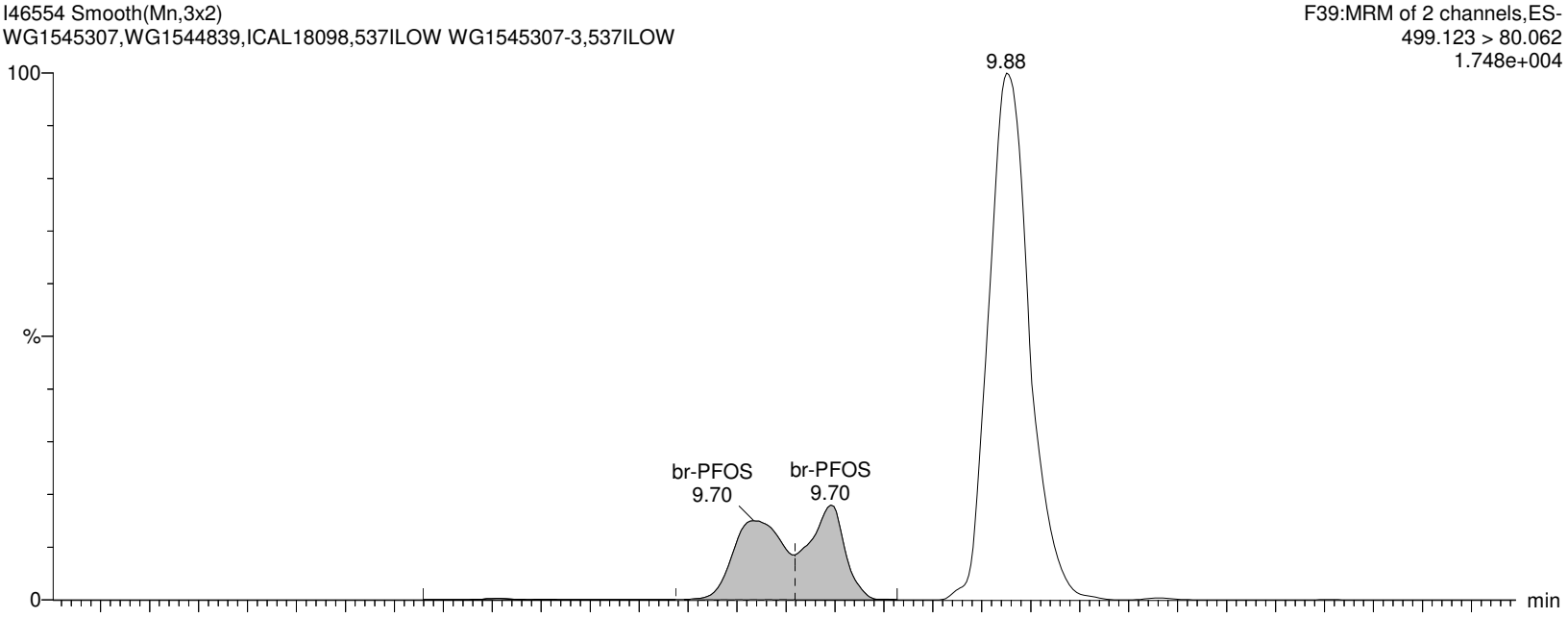


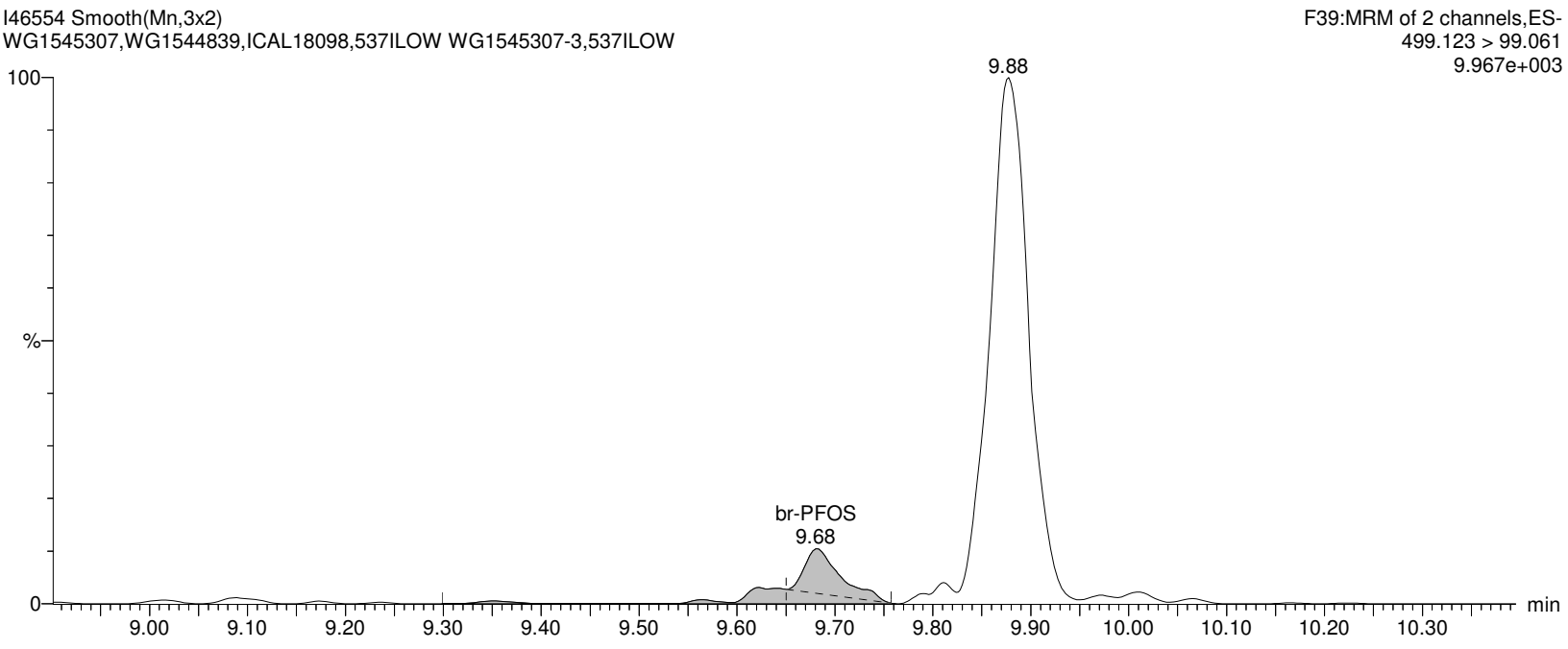
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOS



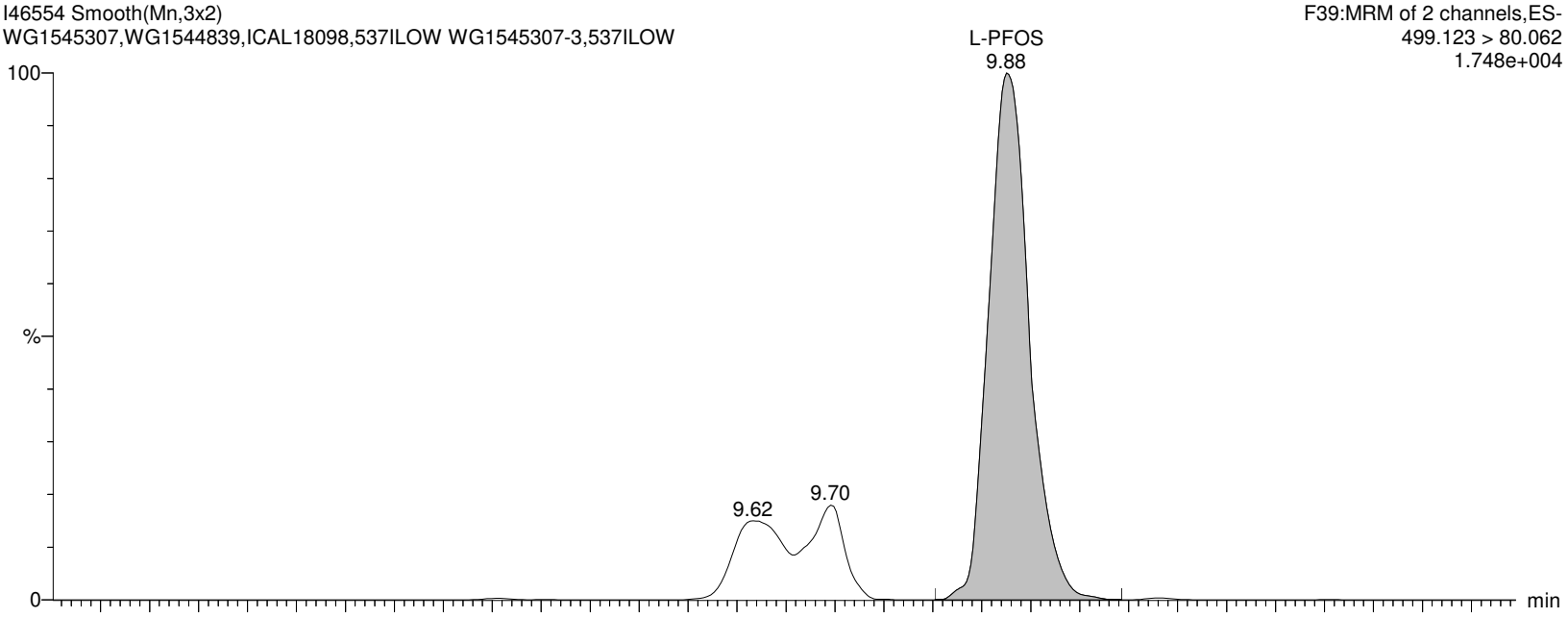


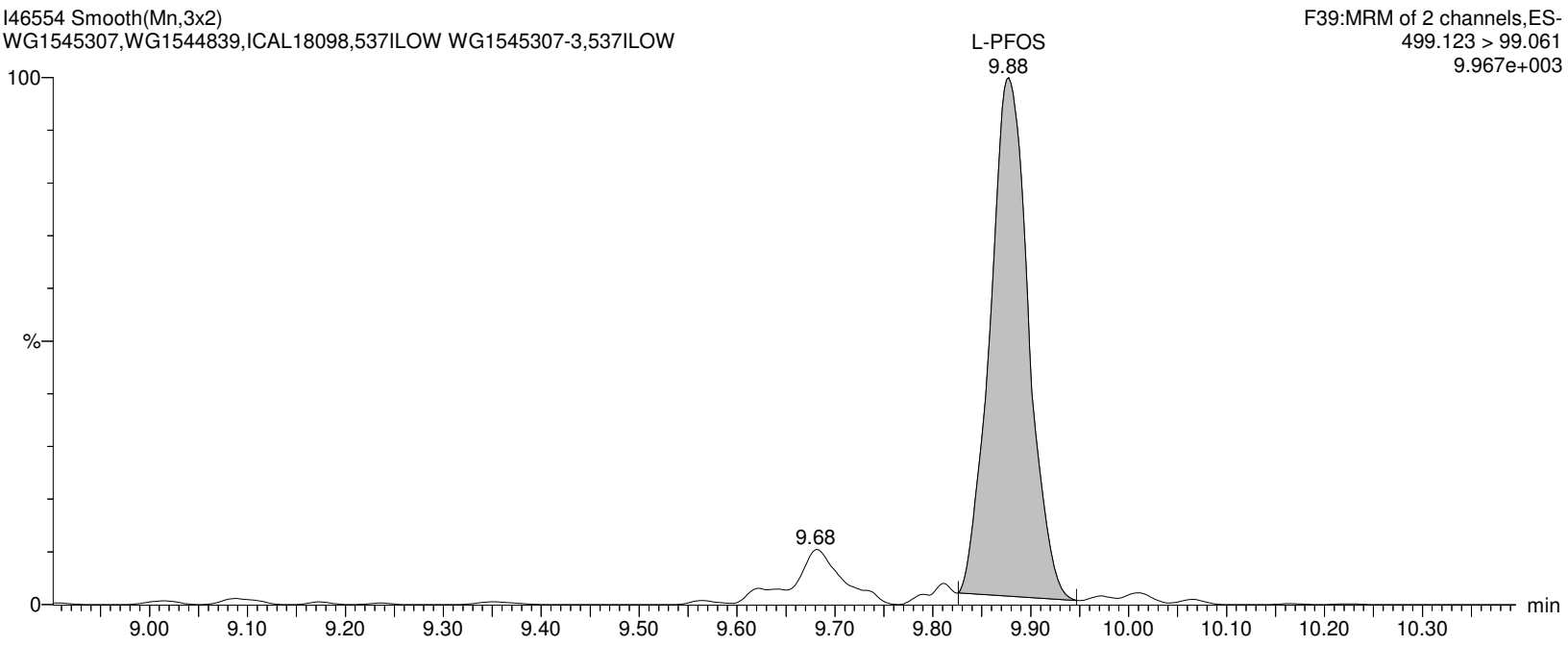
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOS



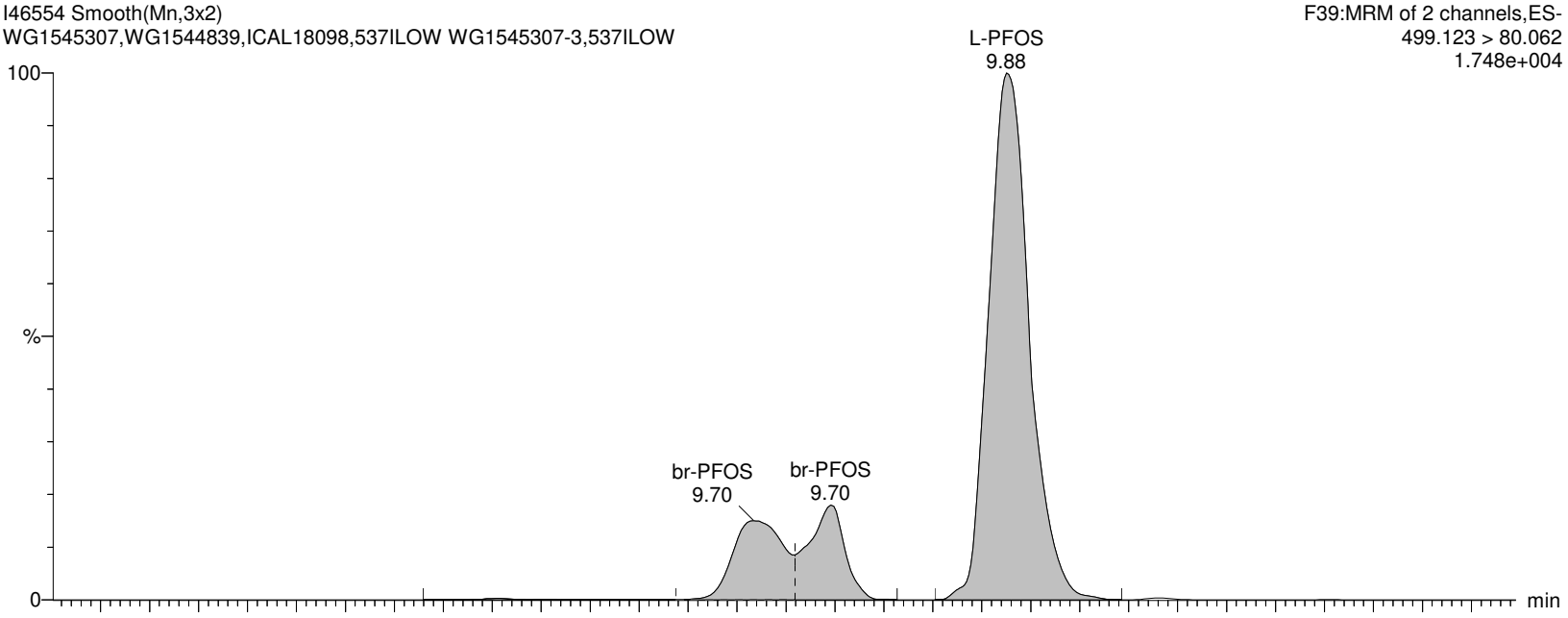


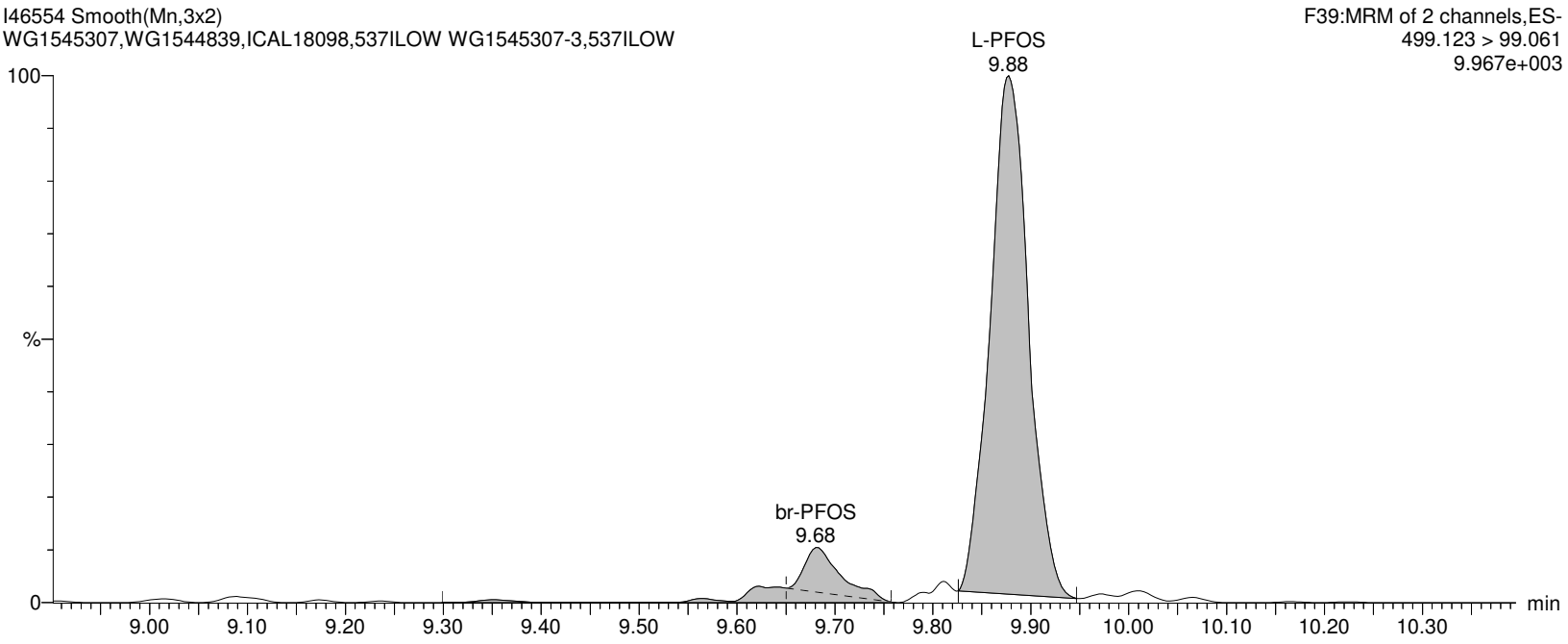
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOS



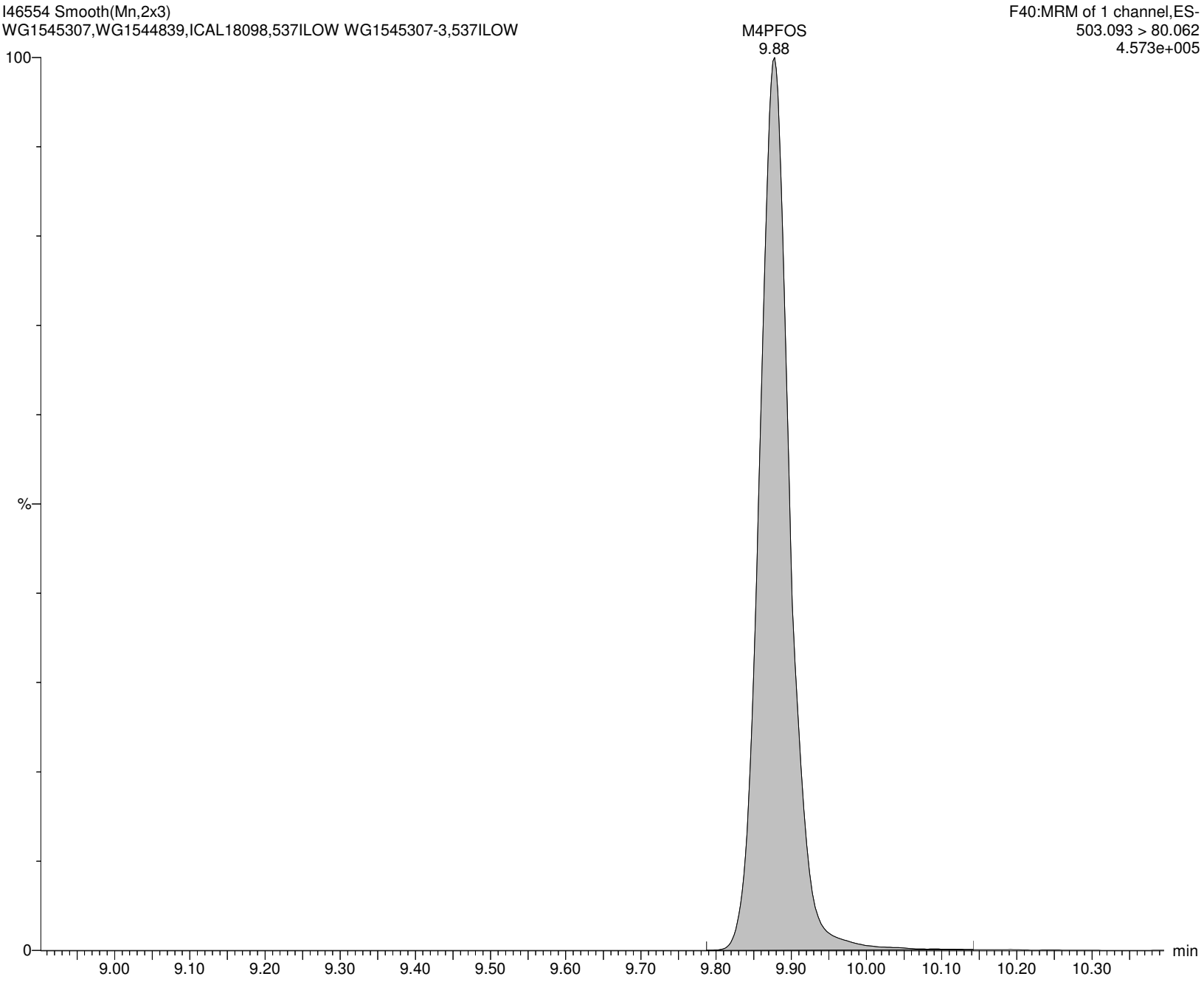


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOS

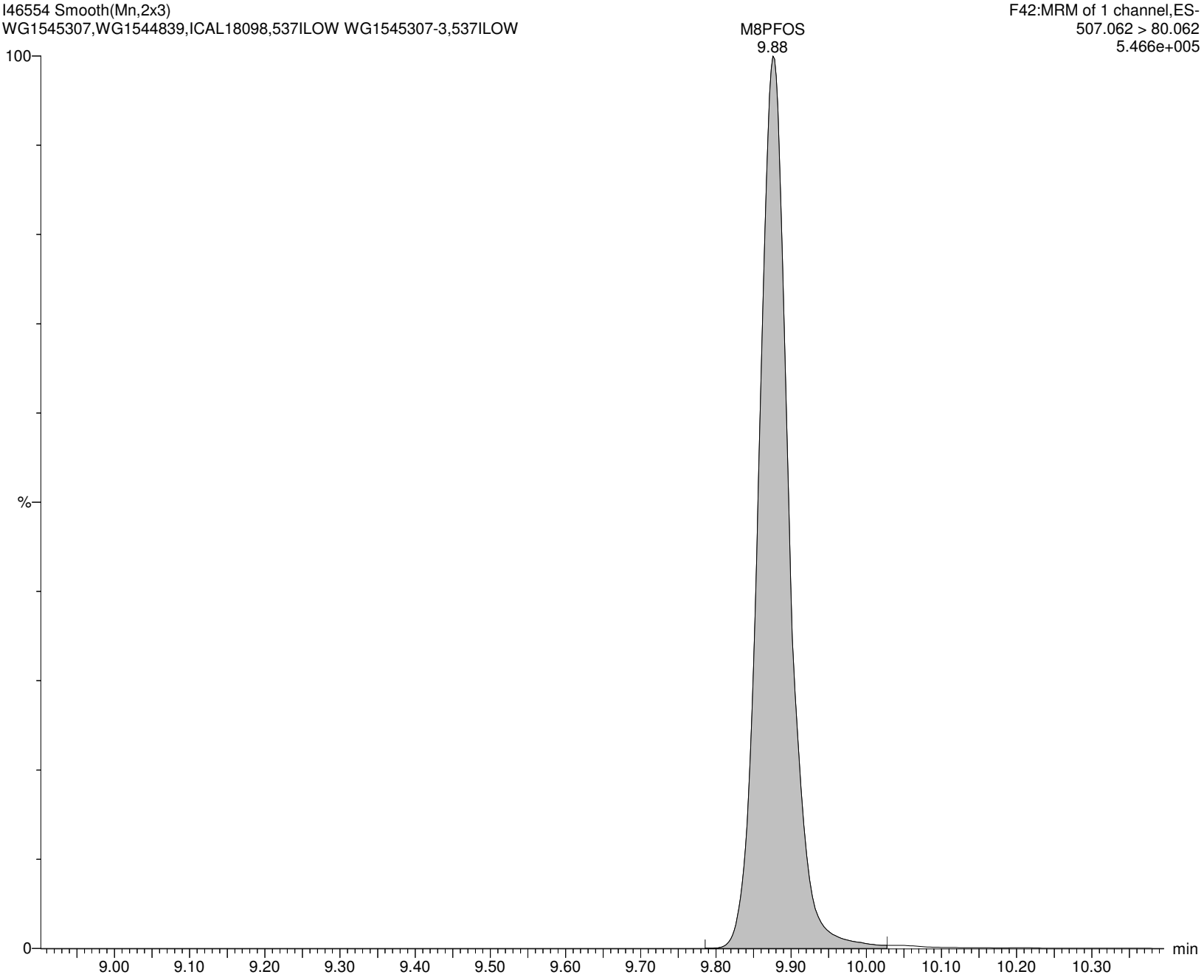


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOS

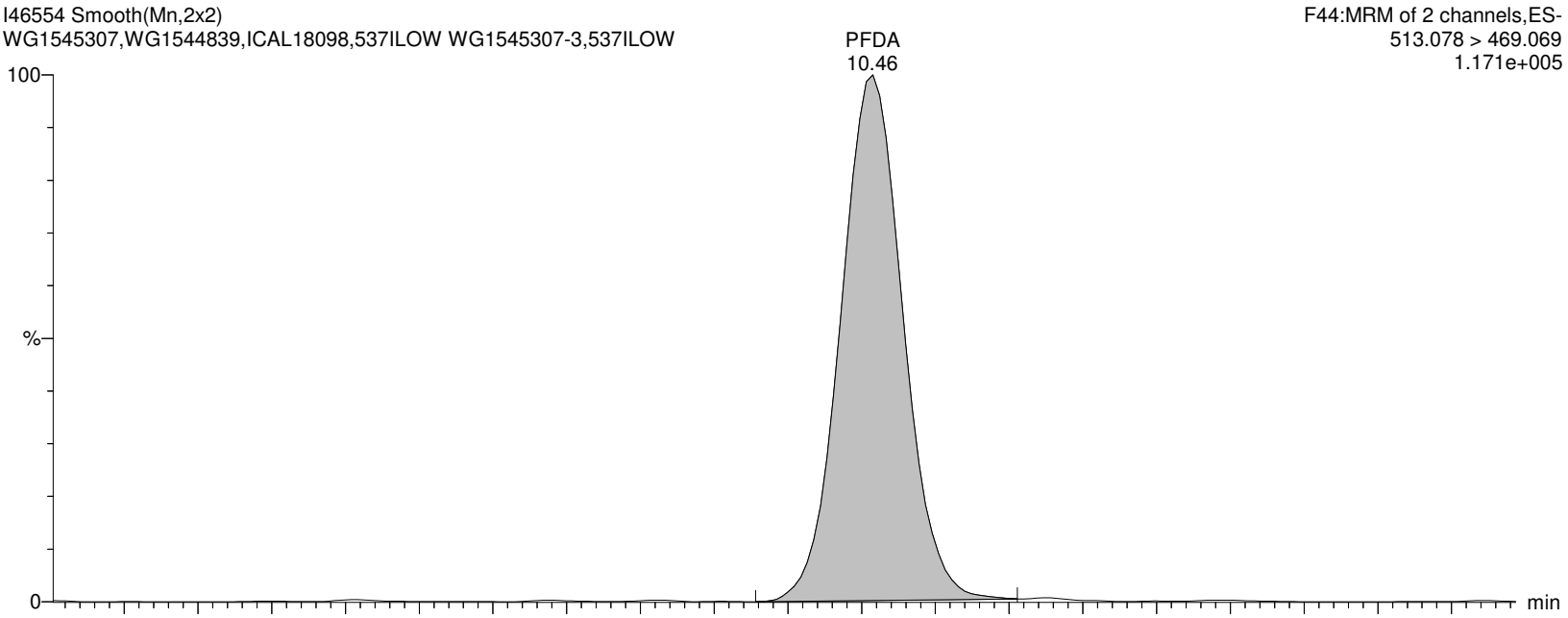


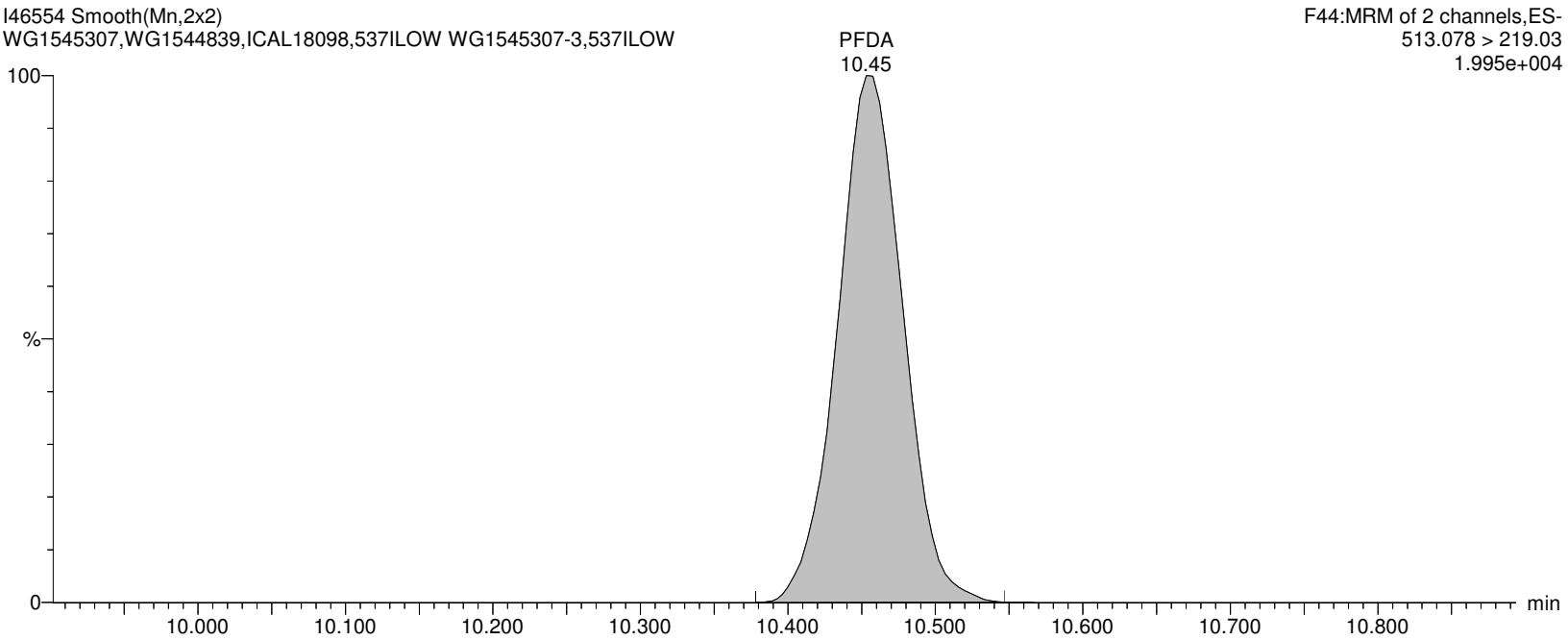
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDA



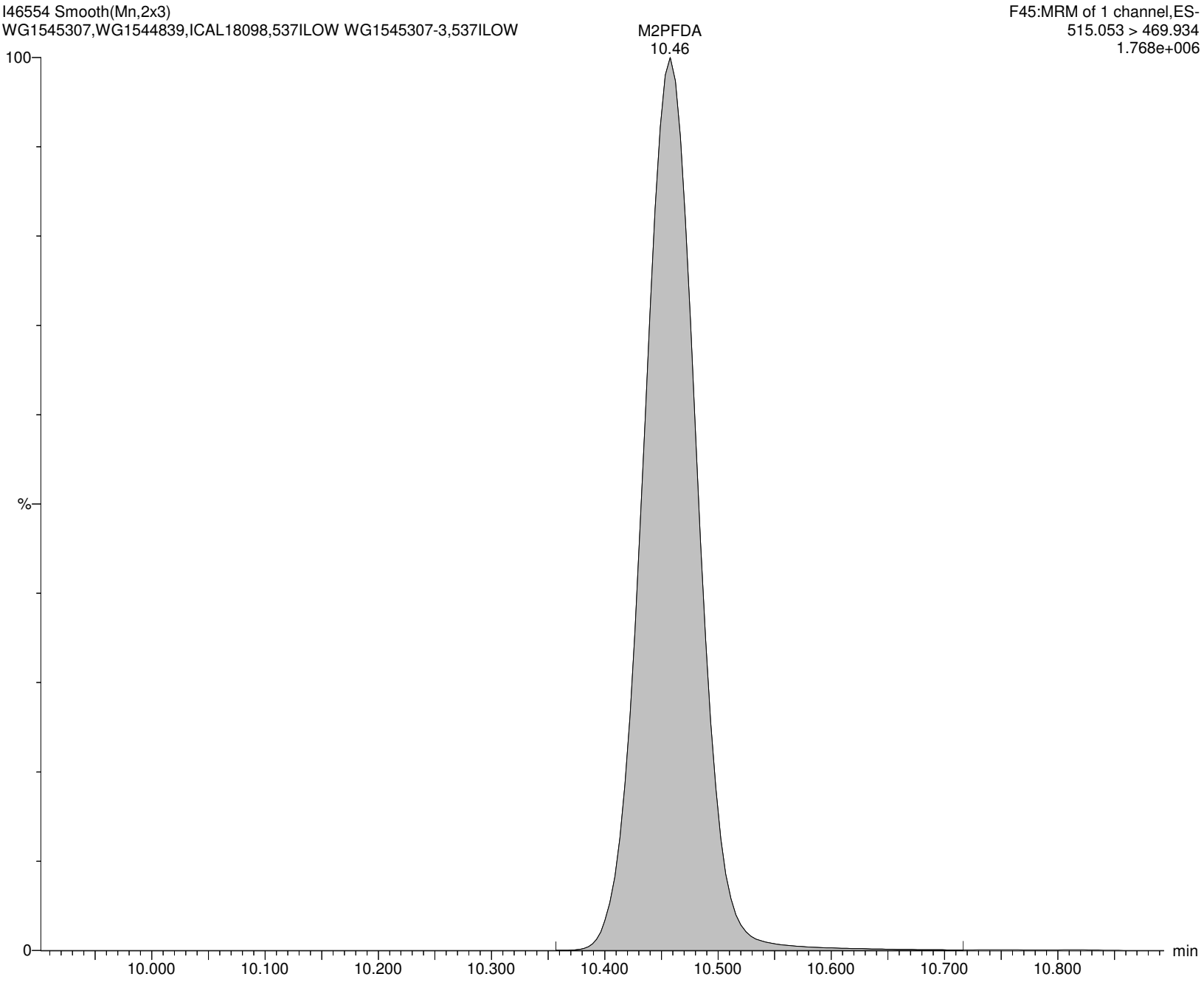


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFDA

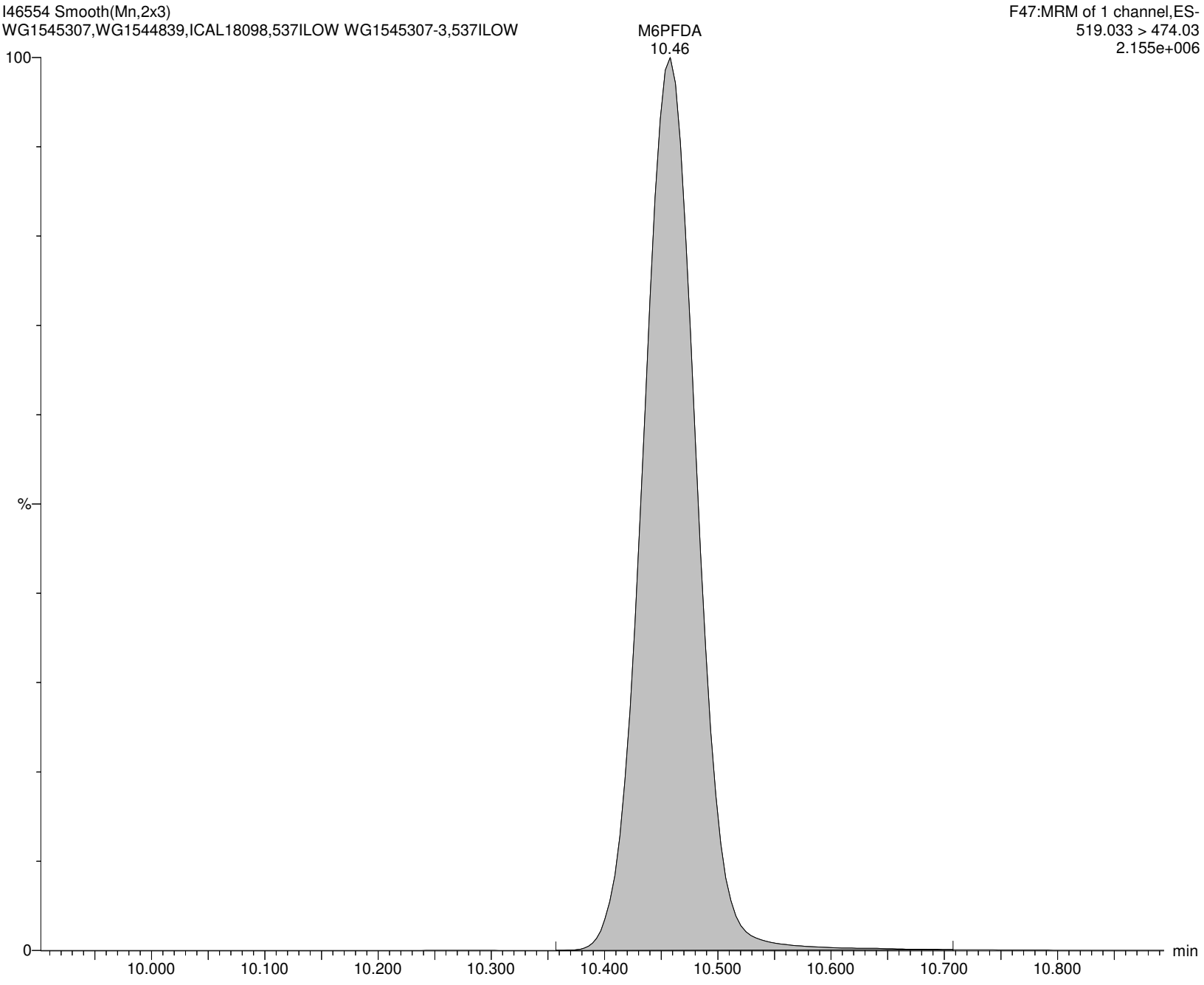


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M6PFDA

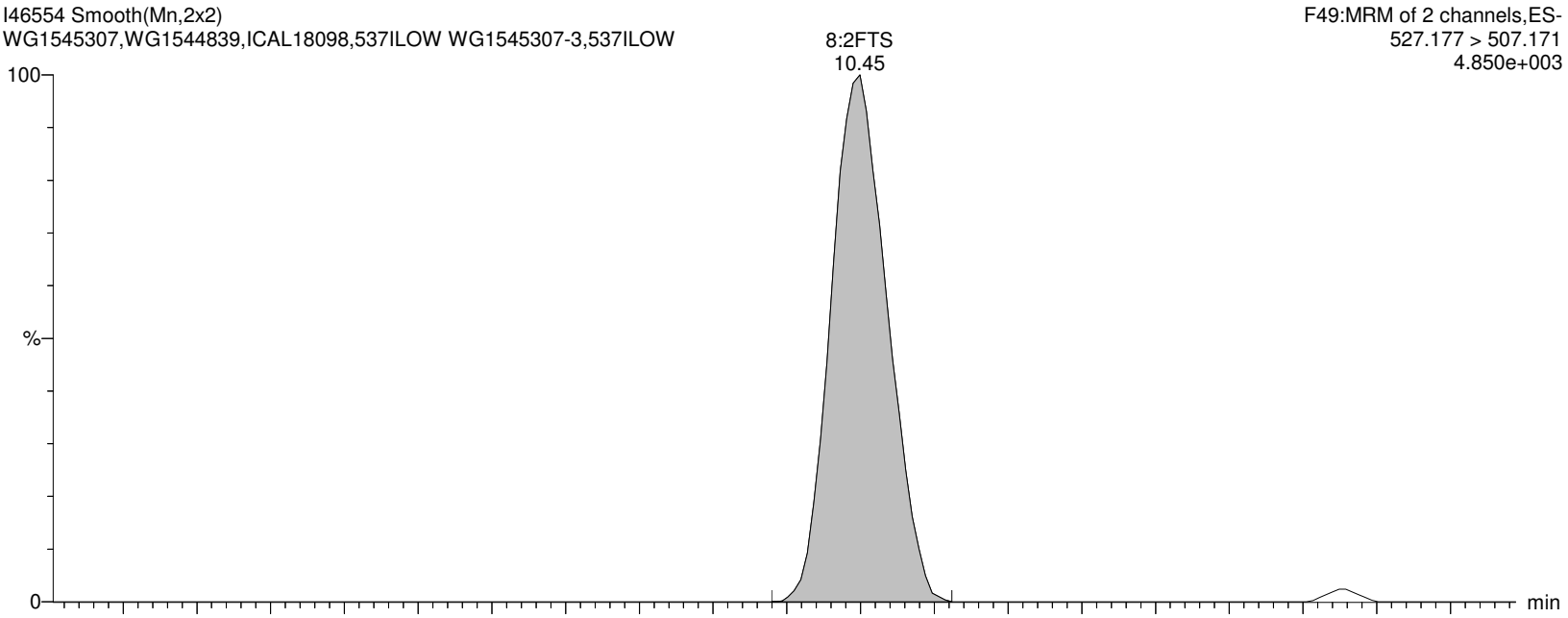


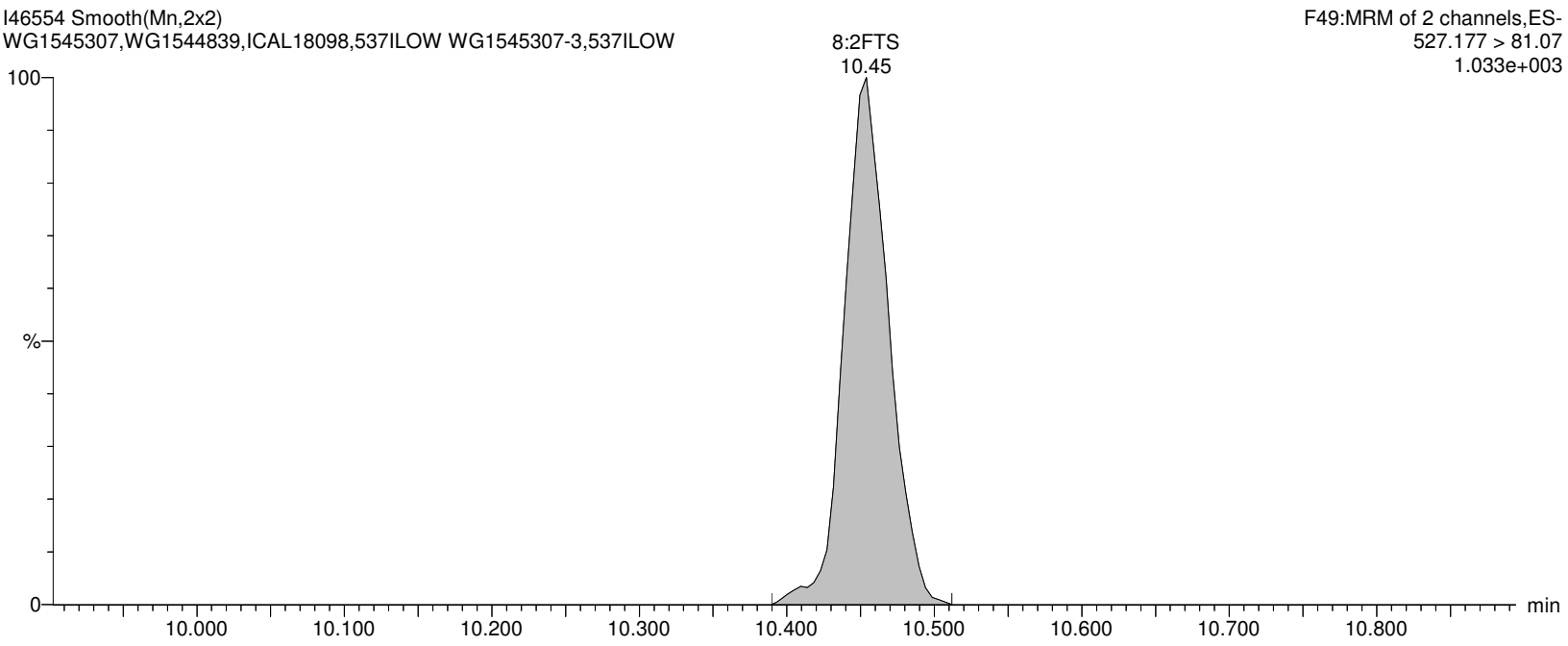
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

8:2FTS



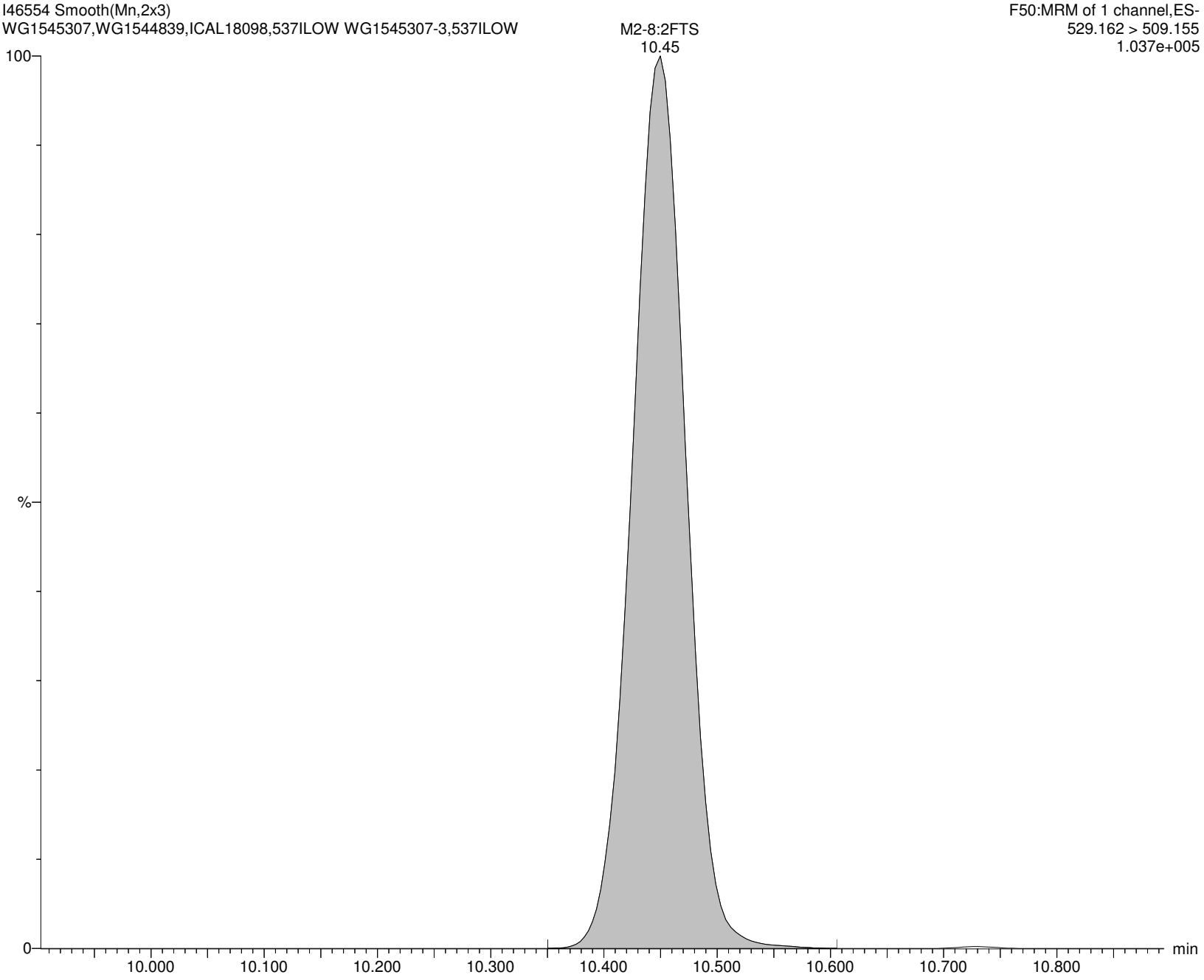


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-8:2FTS

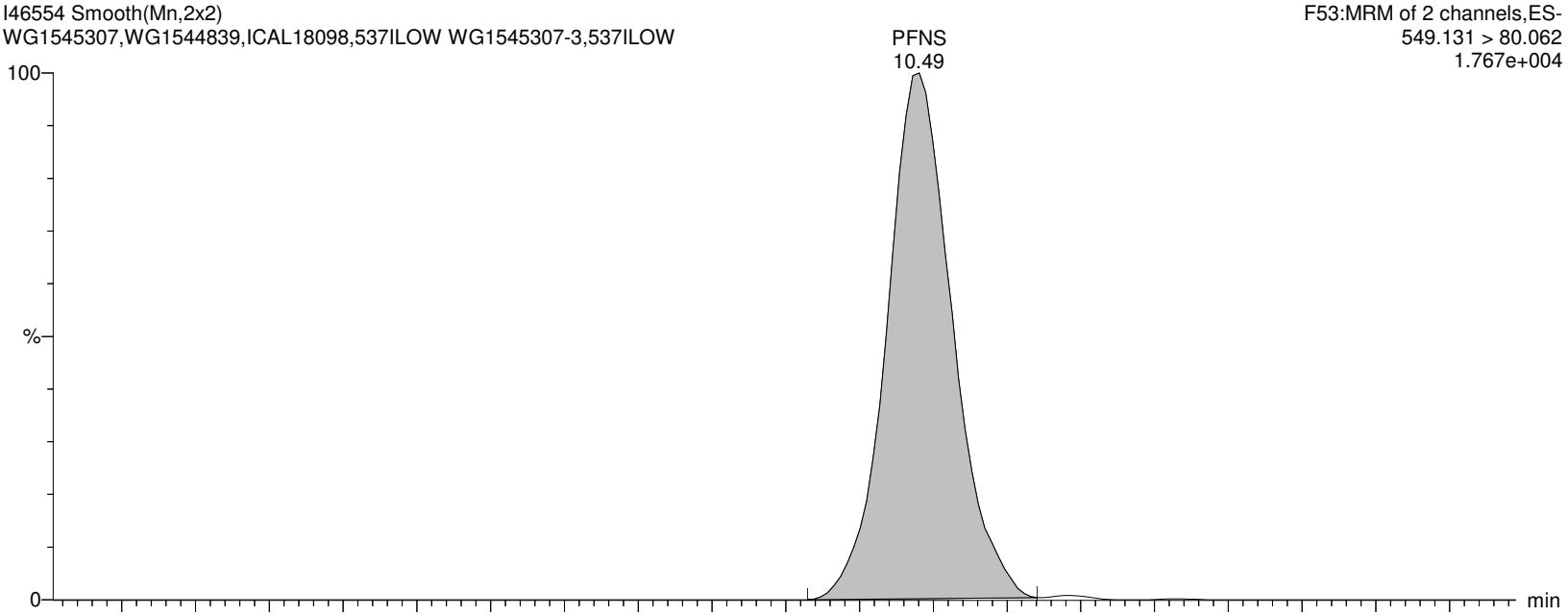


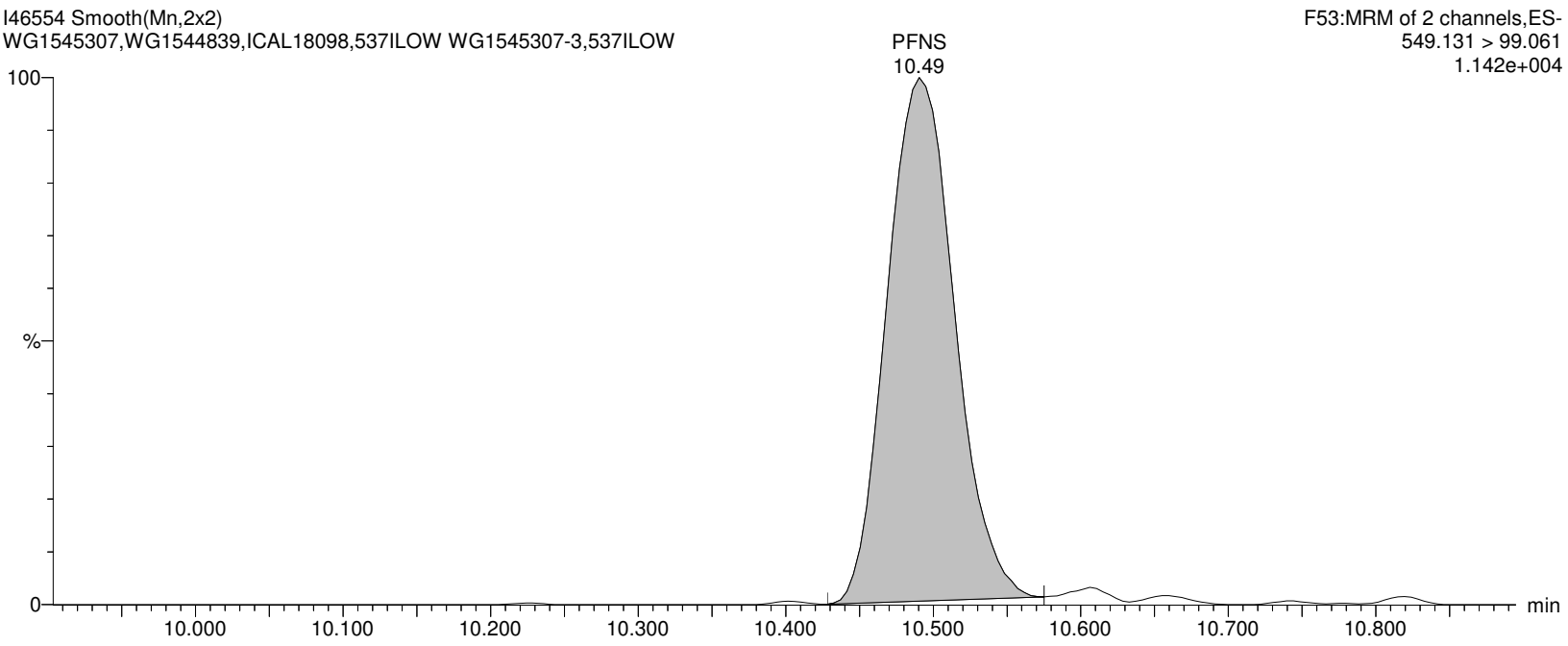
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNS



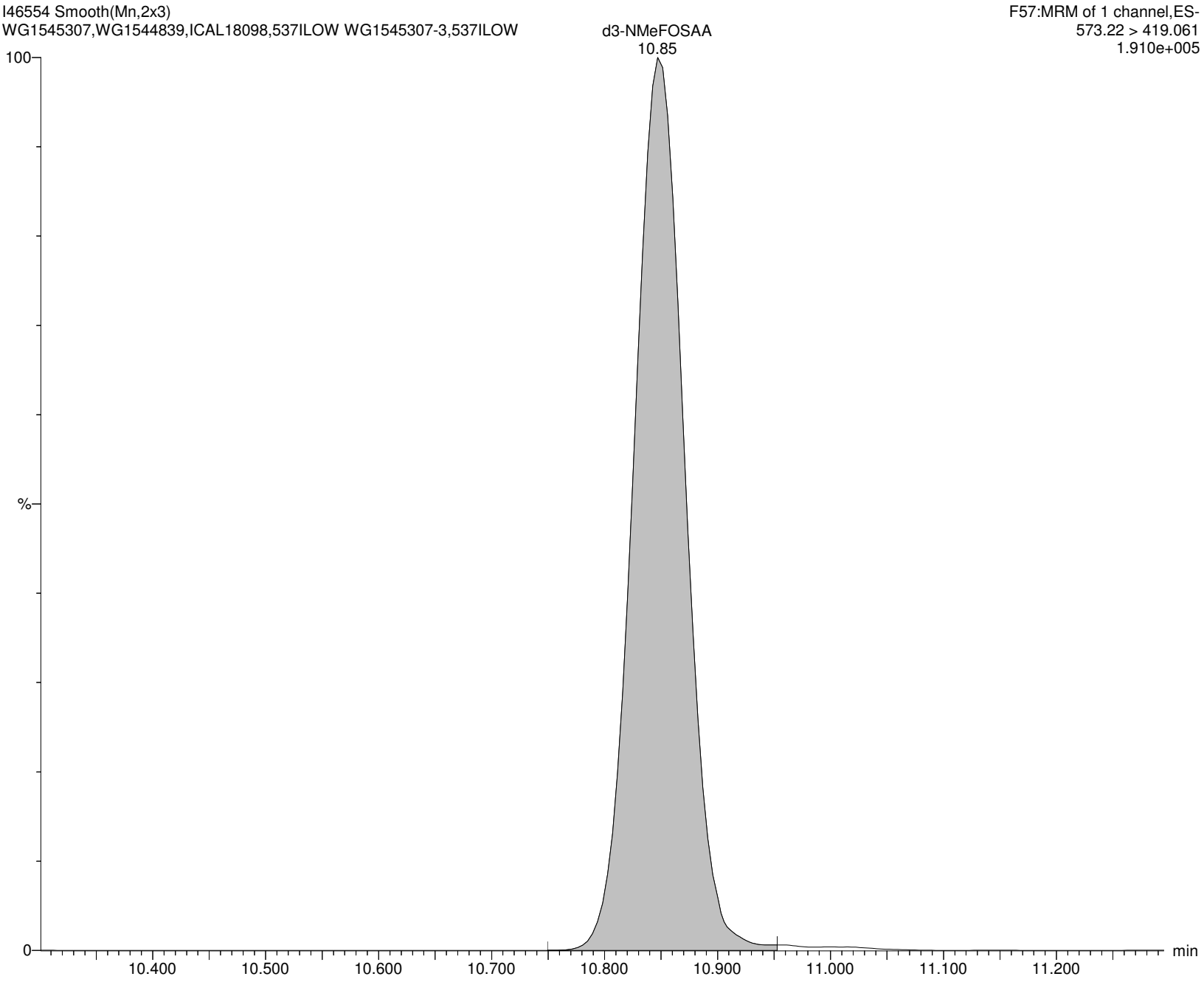


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSAA

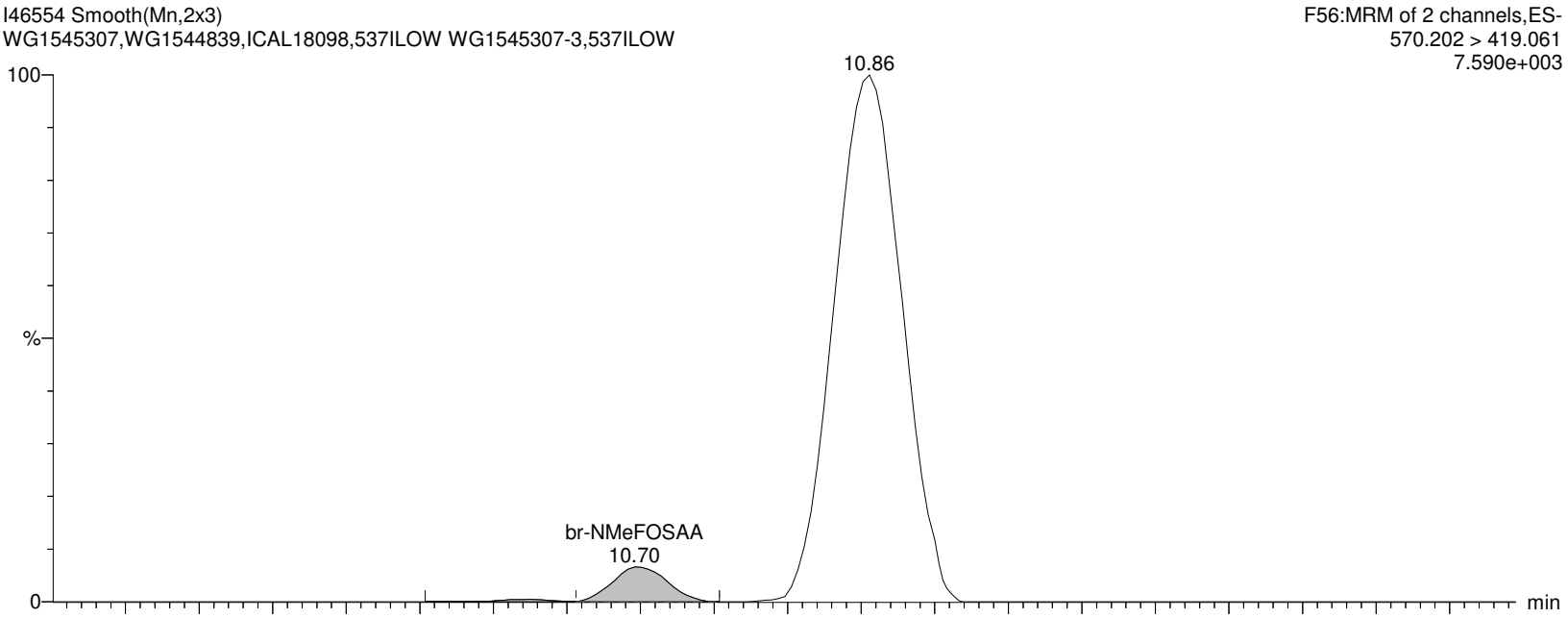


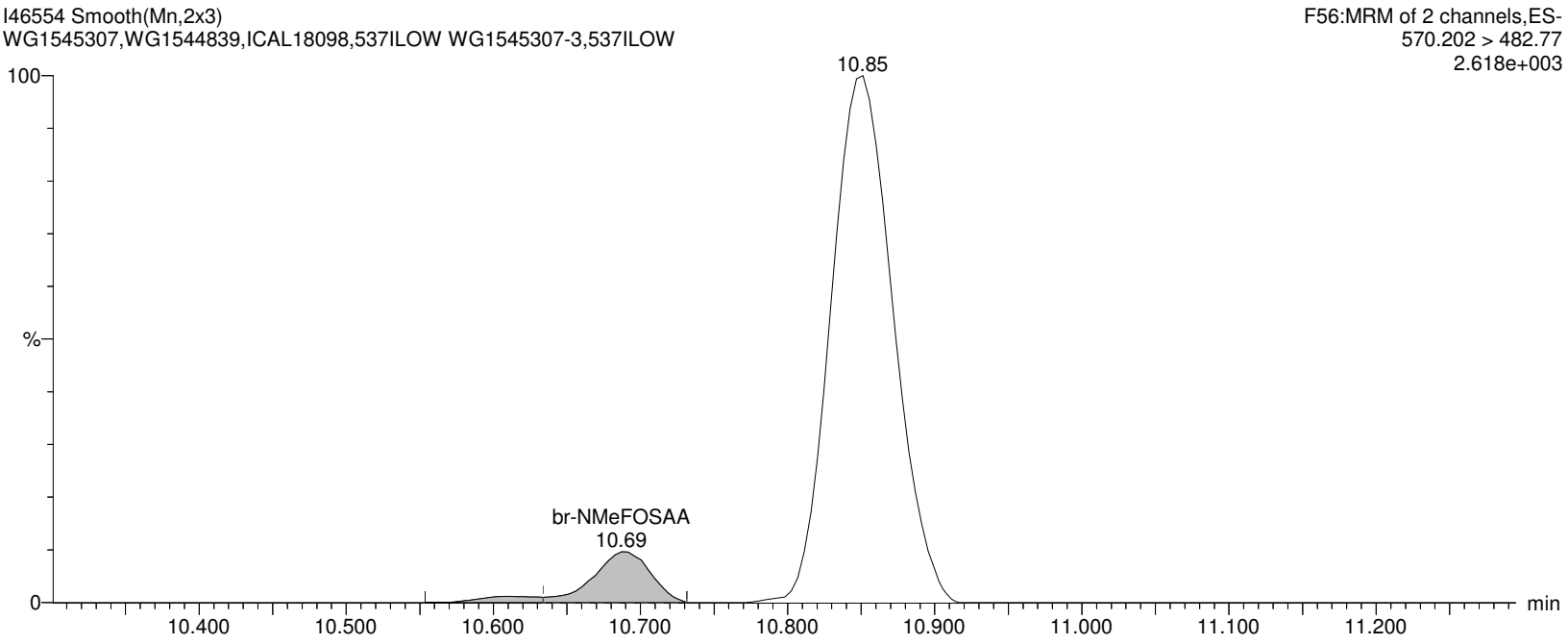
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NMeFOSAA



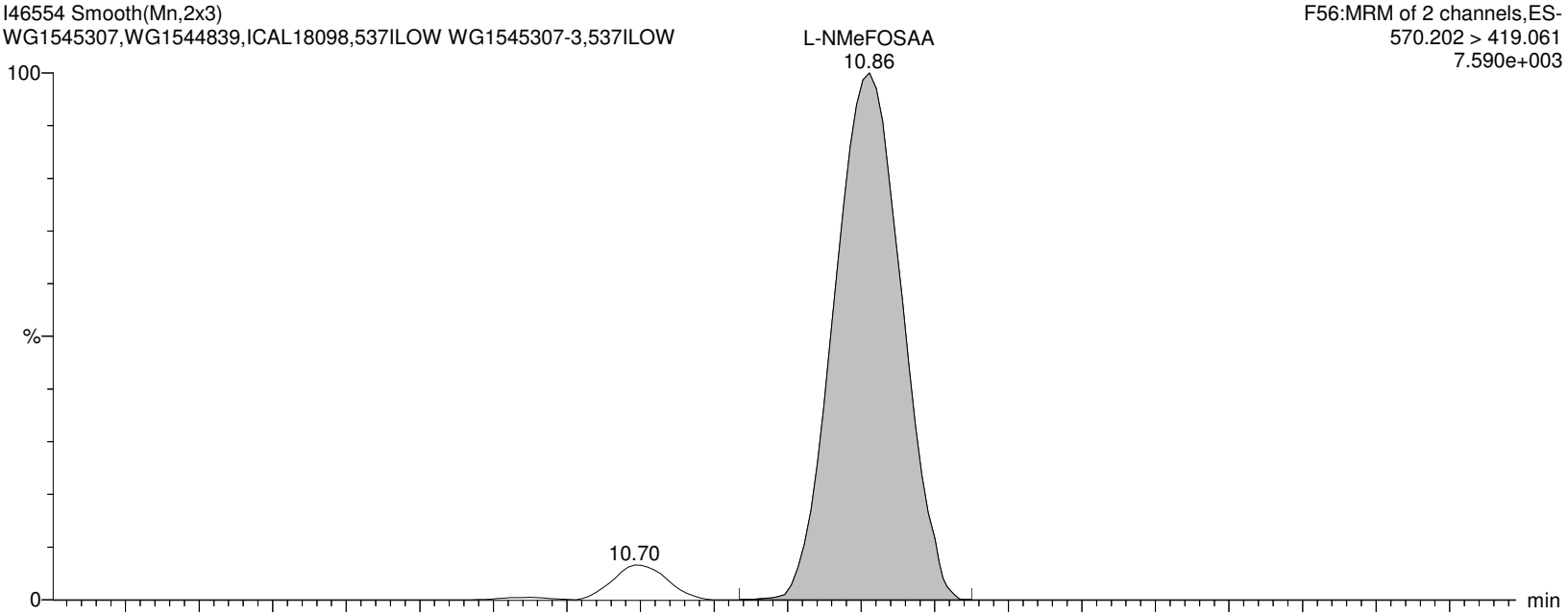


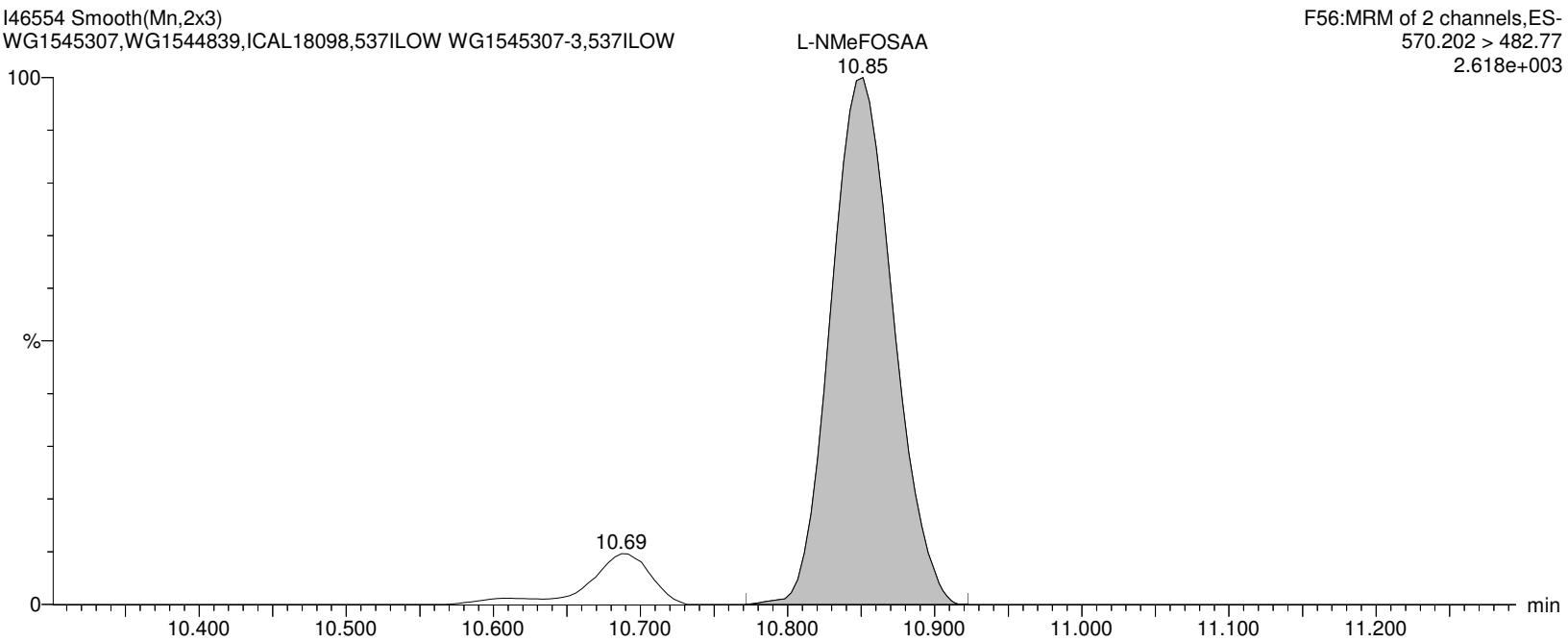
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NMeFOSAA



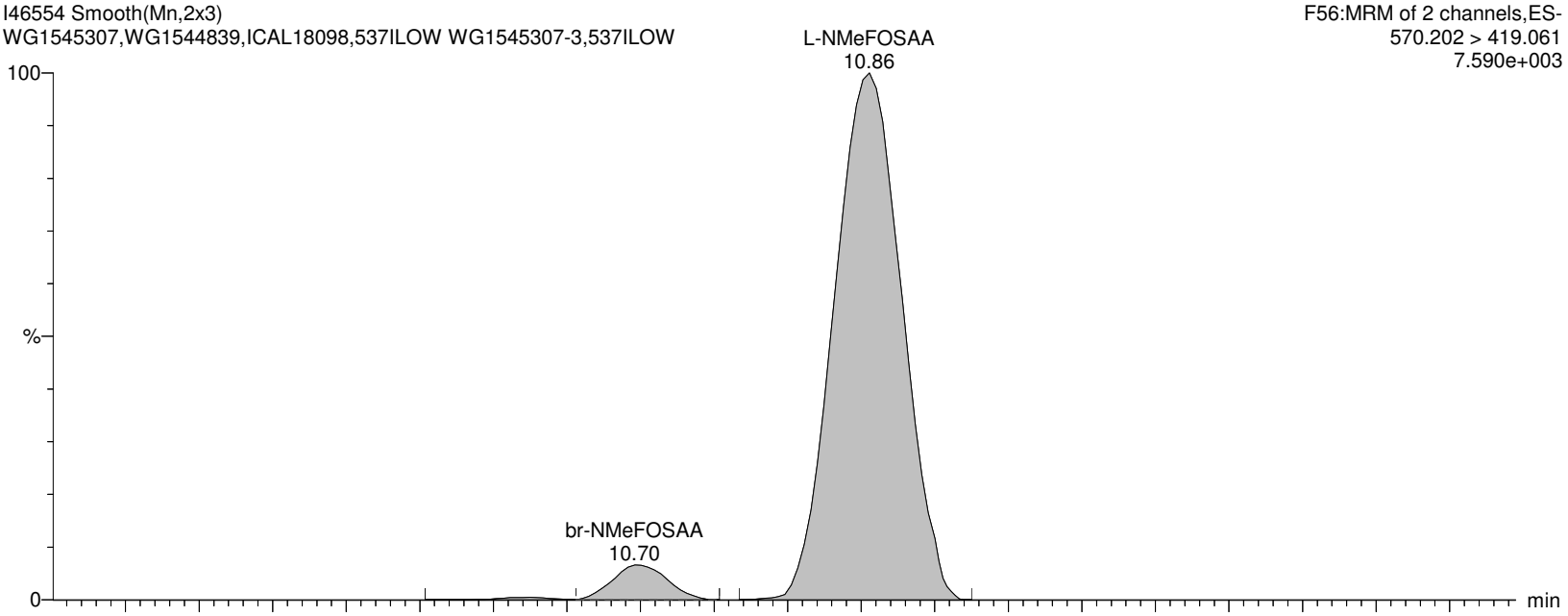


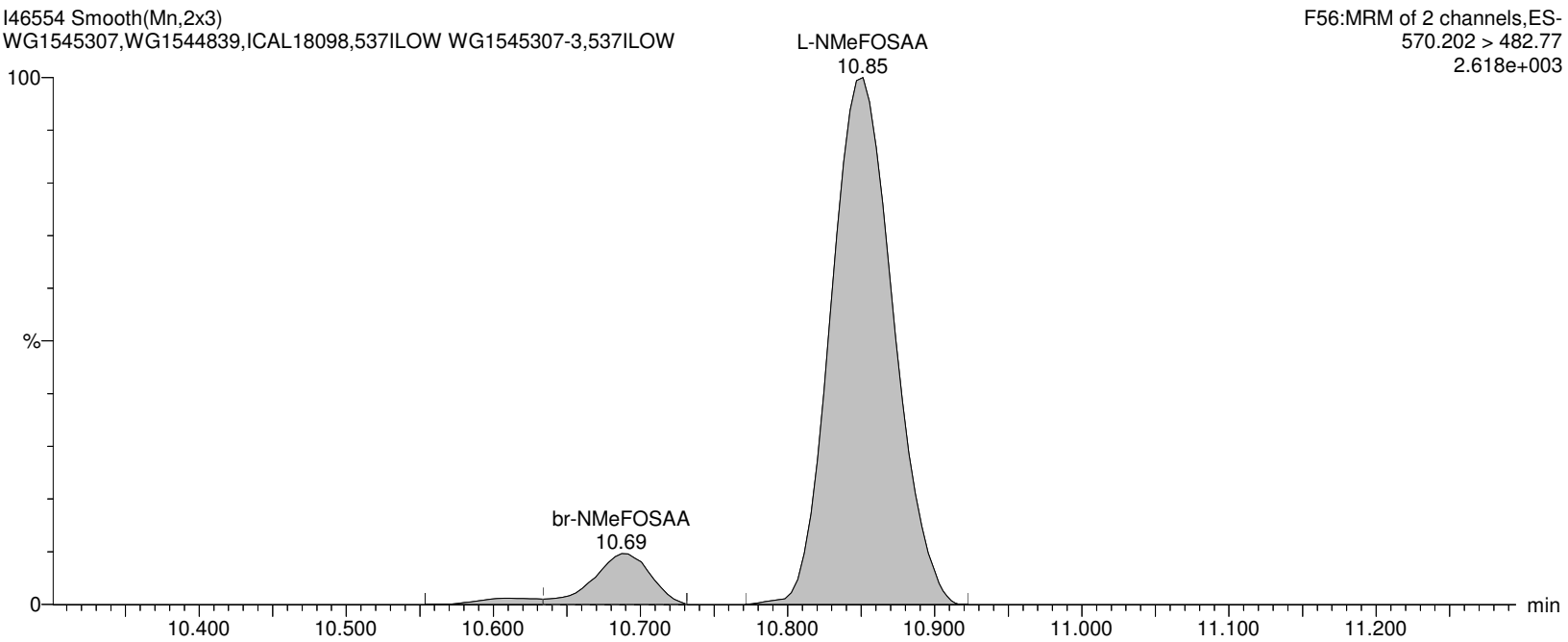
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSAA



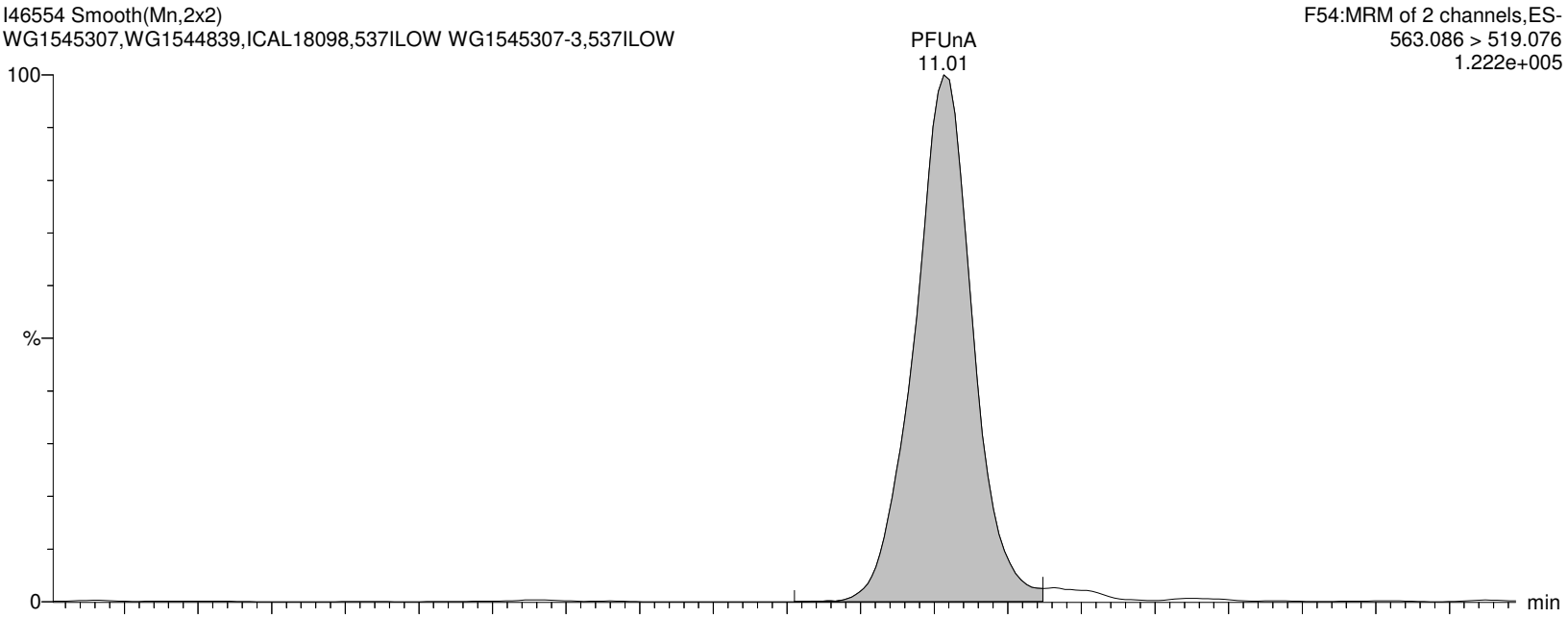


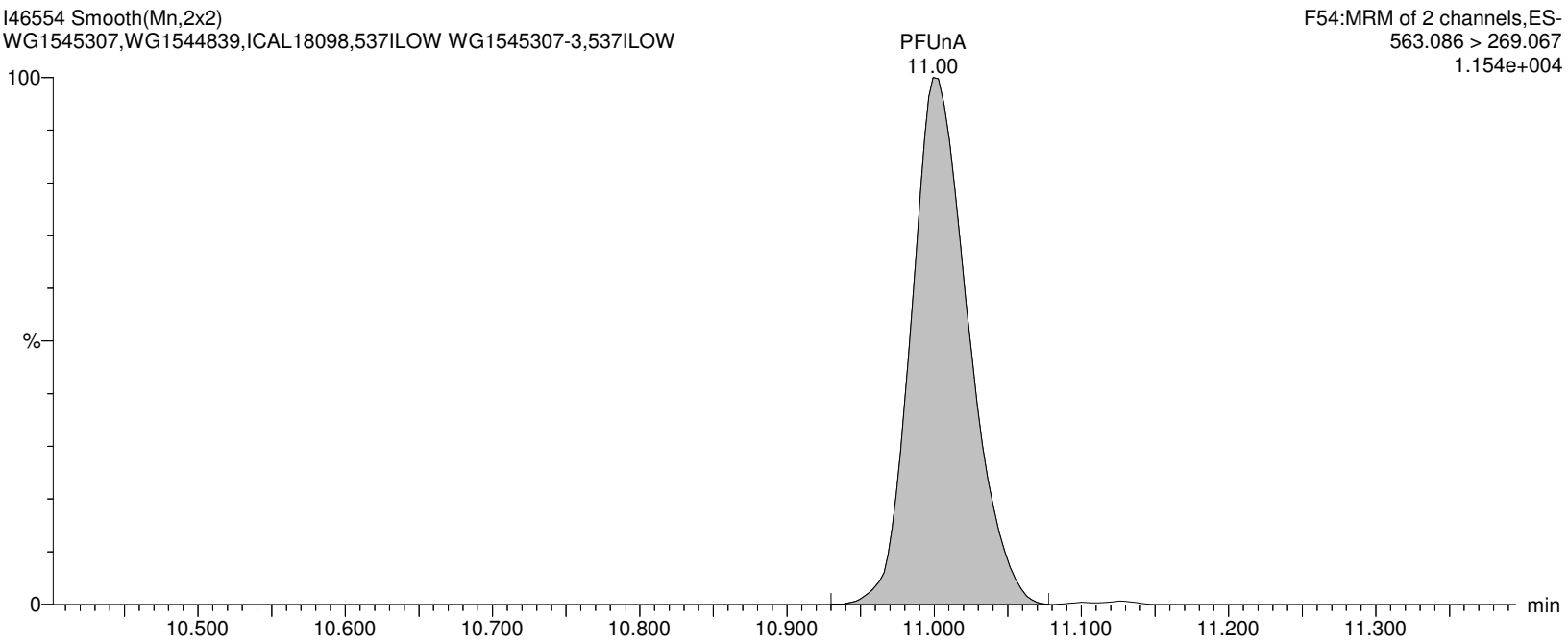
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFUnA



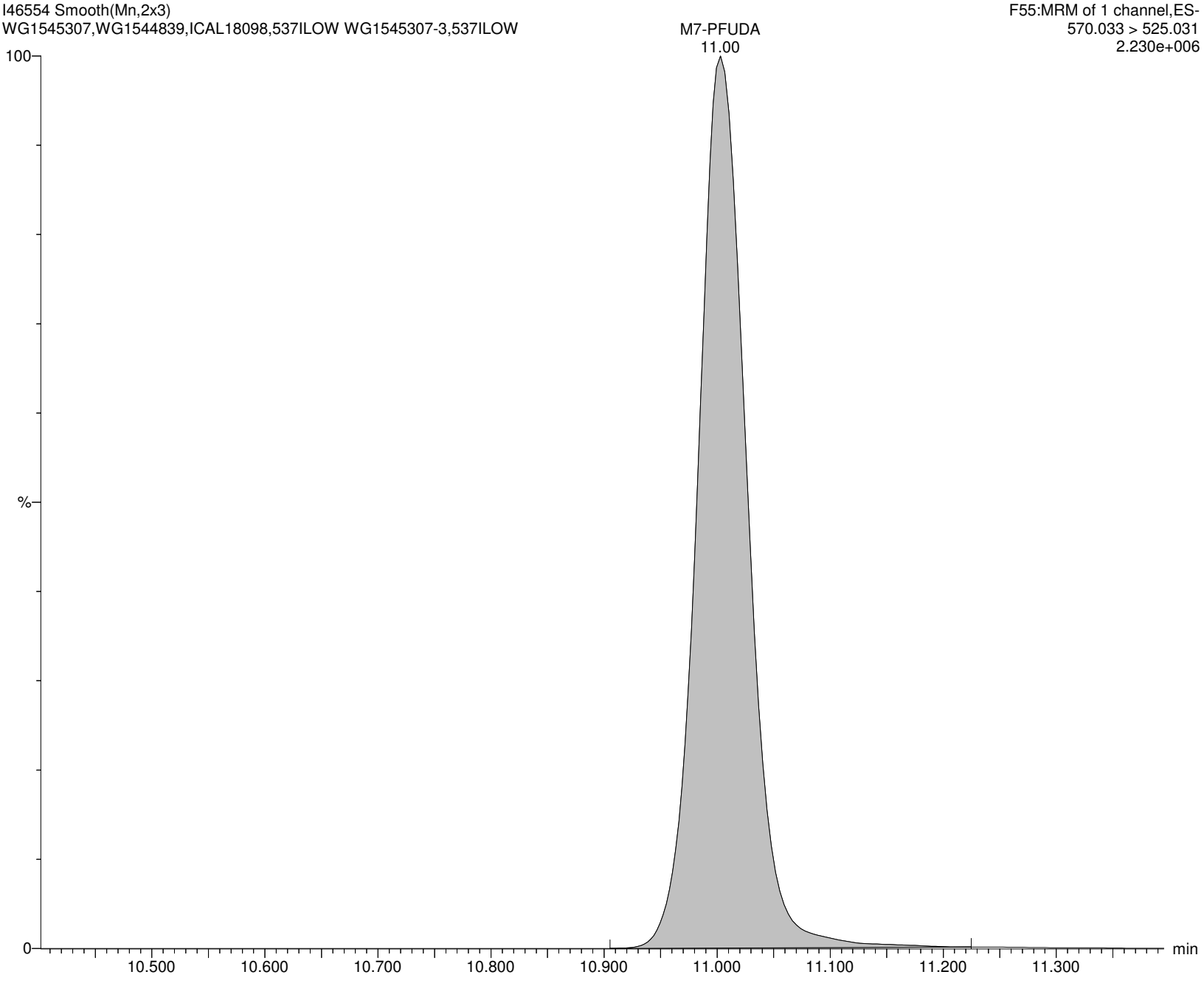


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M7-PFUDA

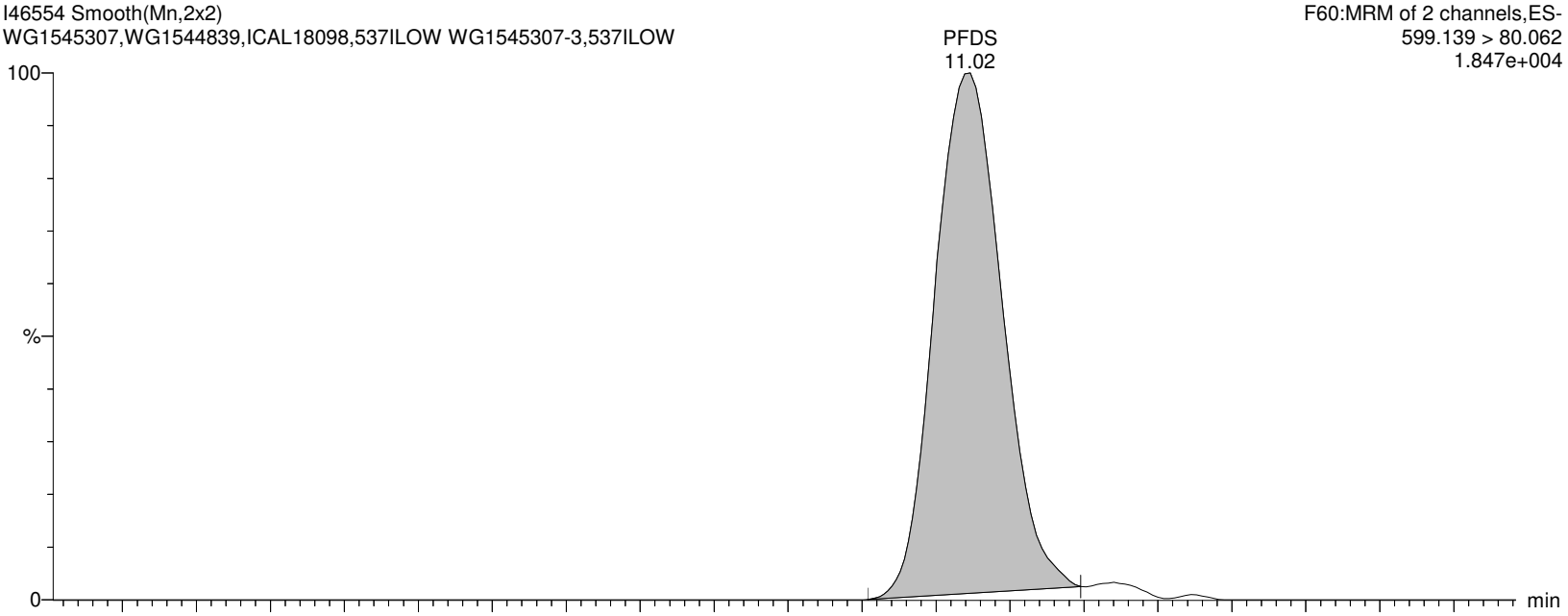


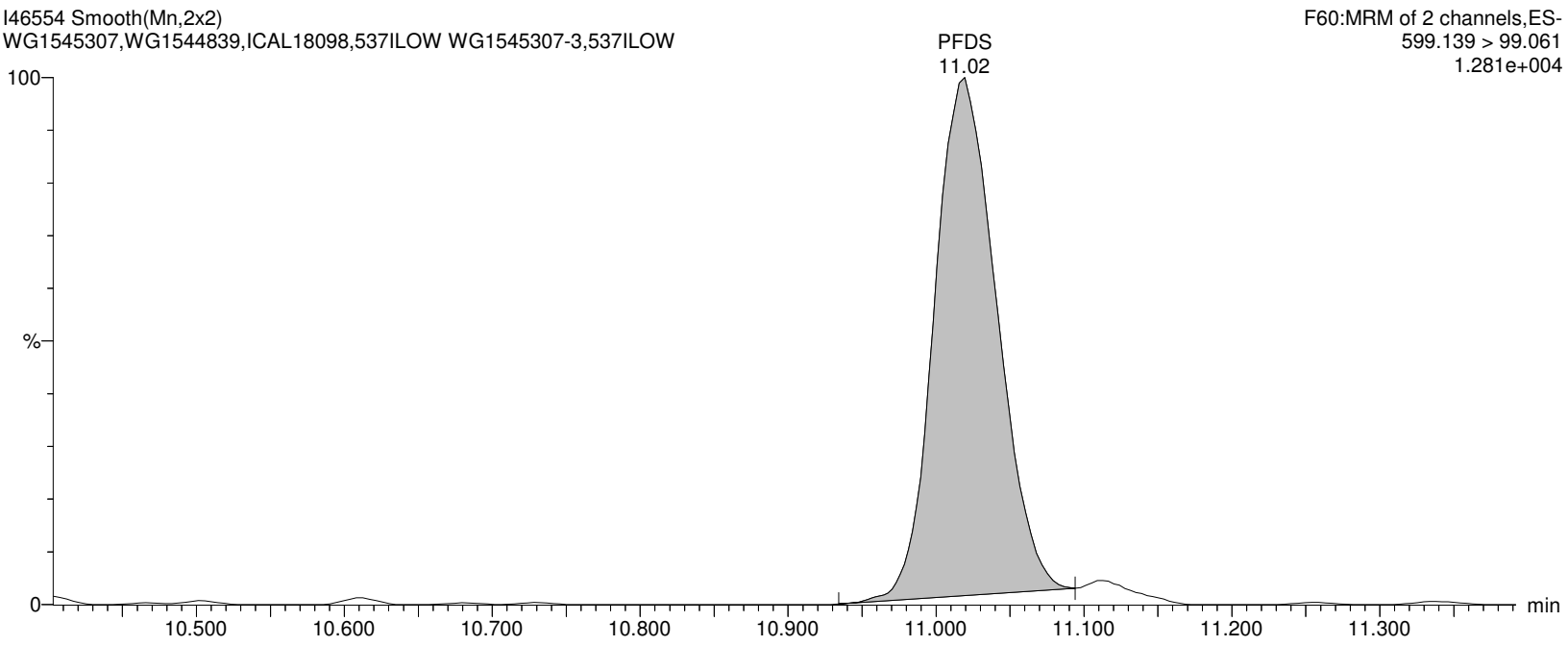
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDS



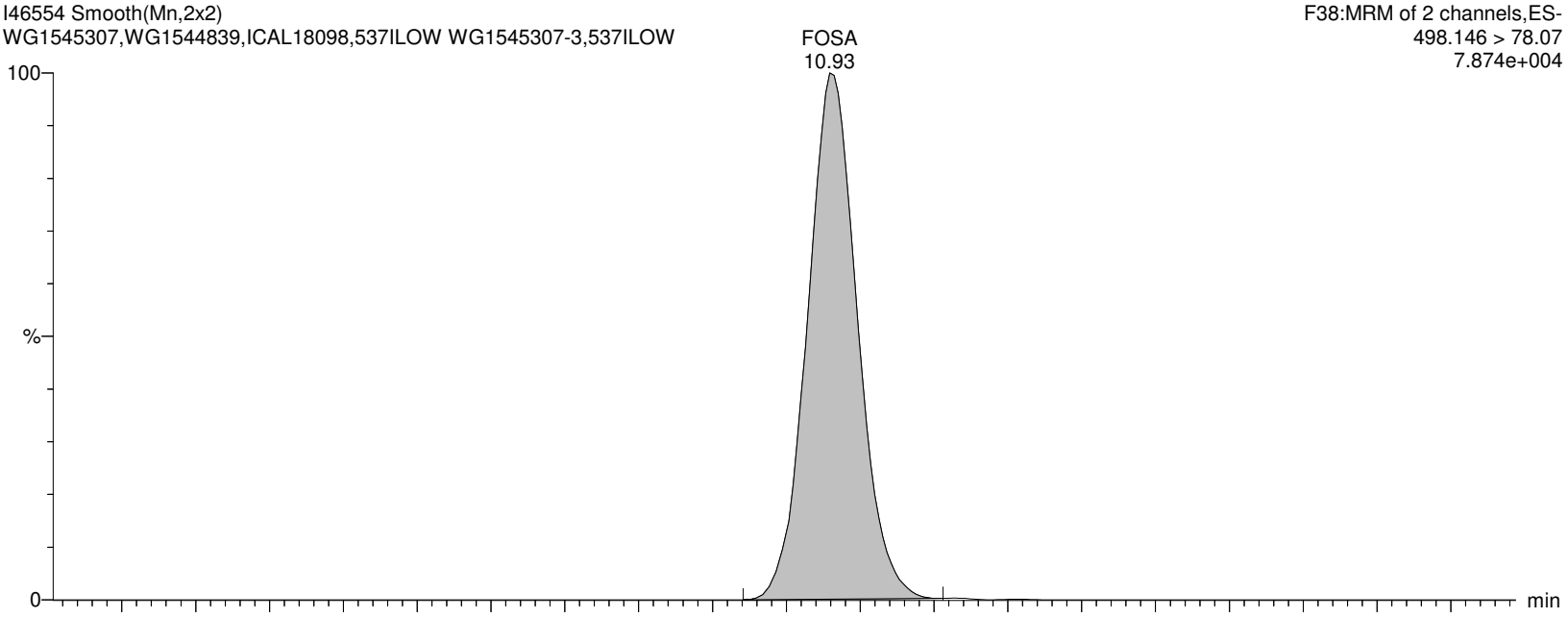


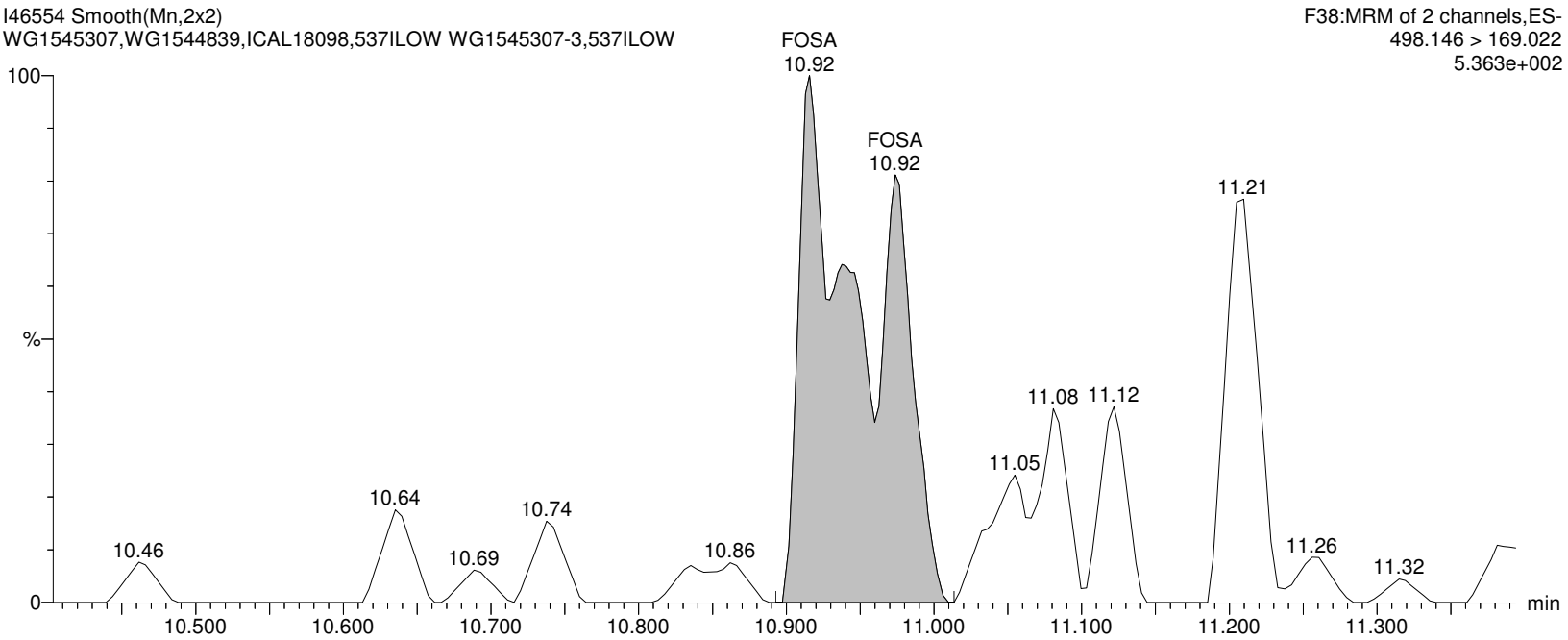
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

FOSA



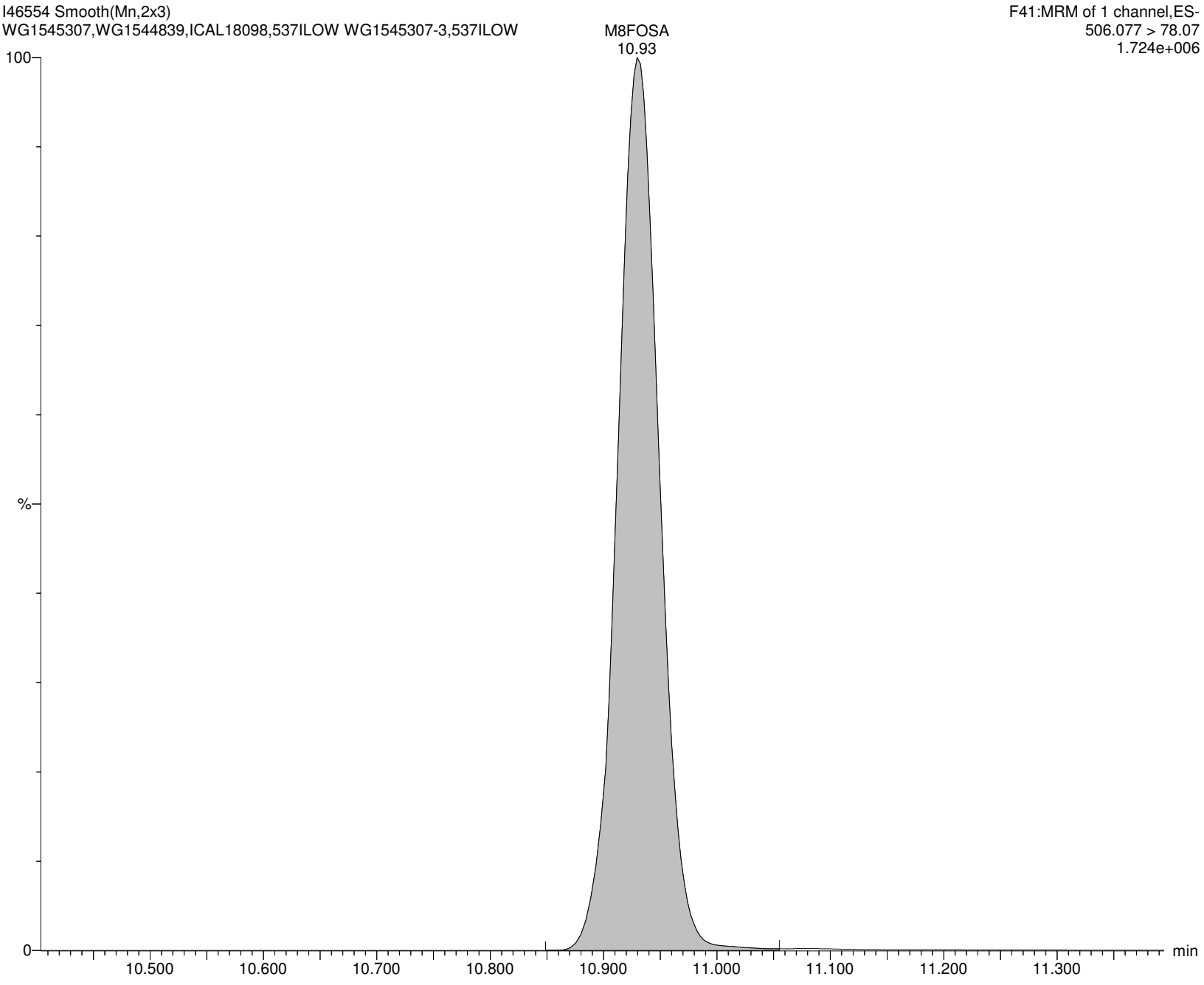


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8FOSA

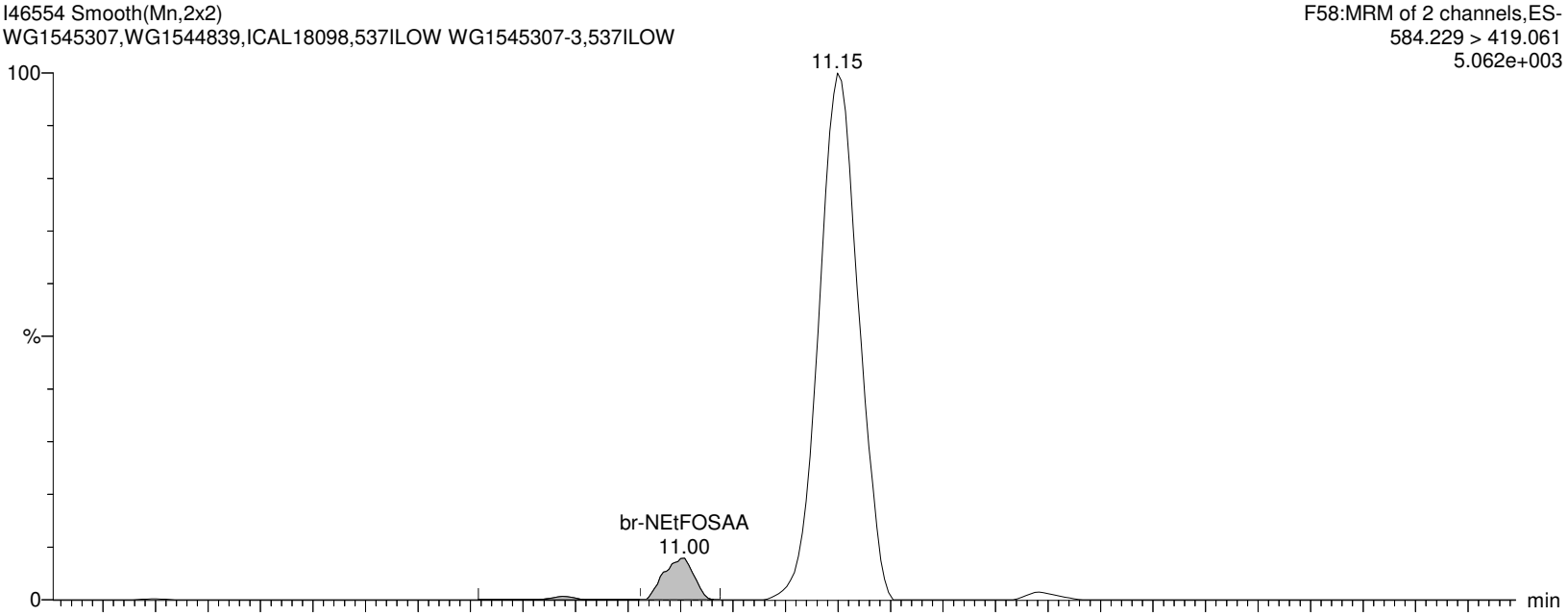


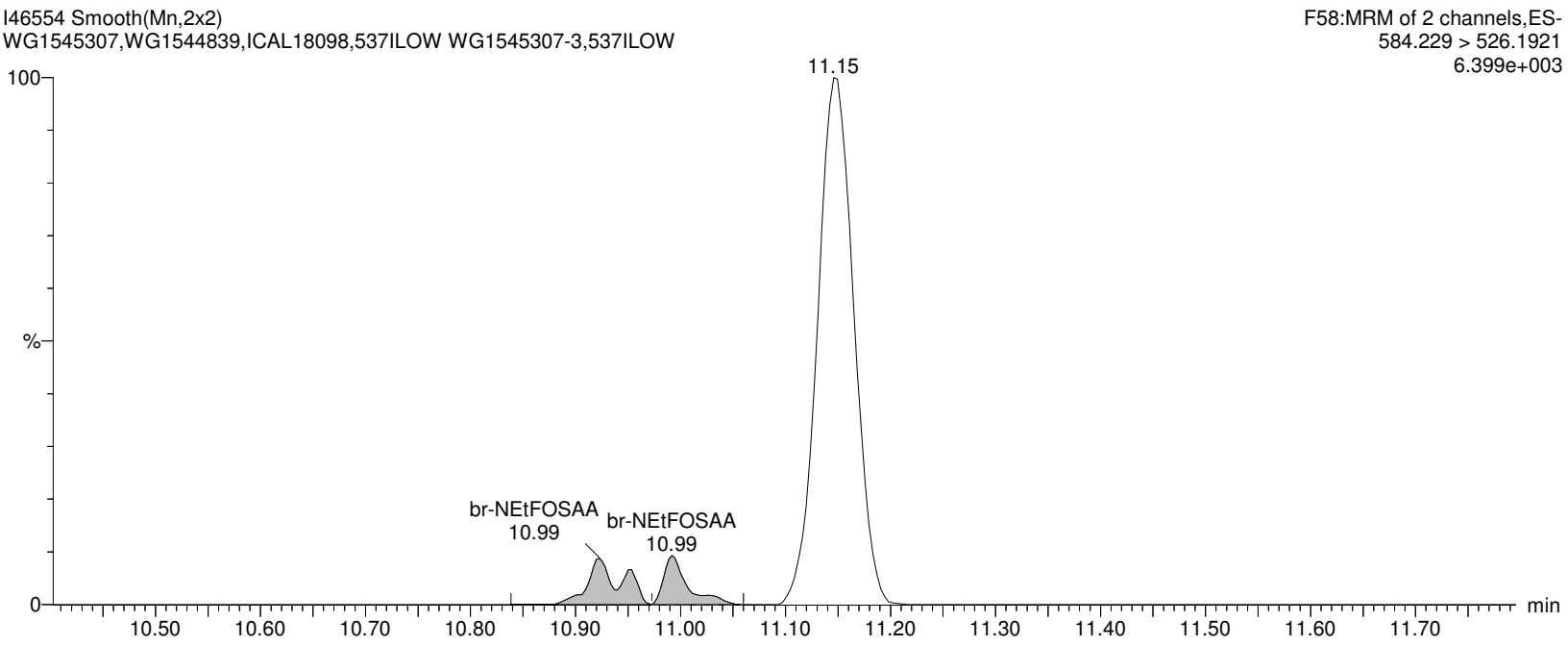
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NEtFOSAA



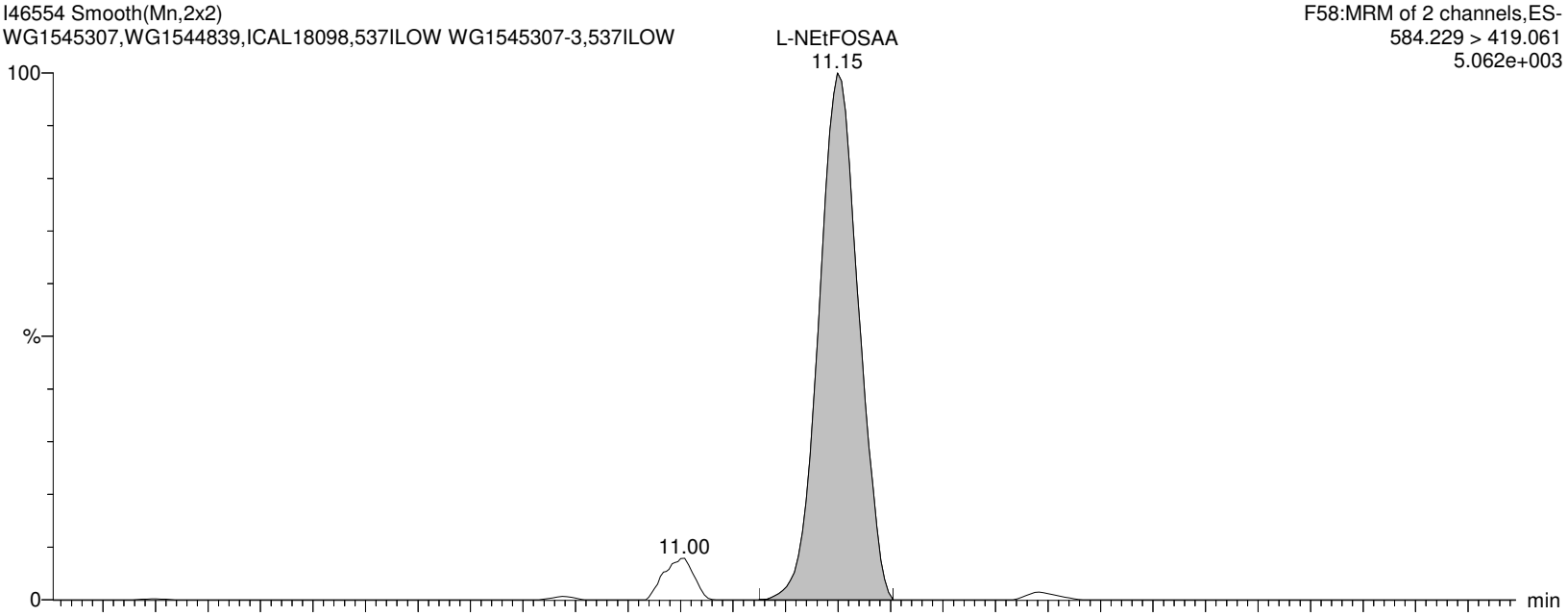


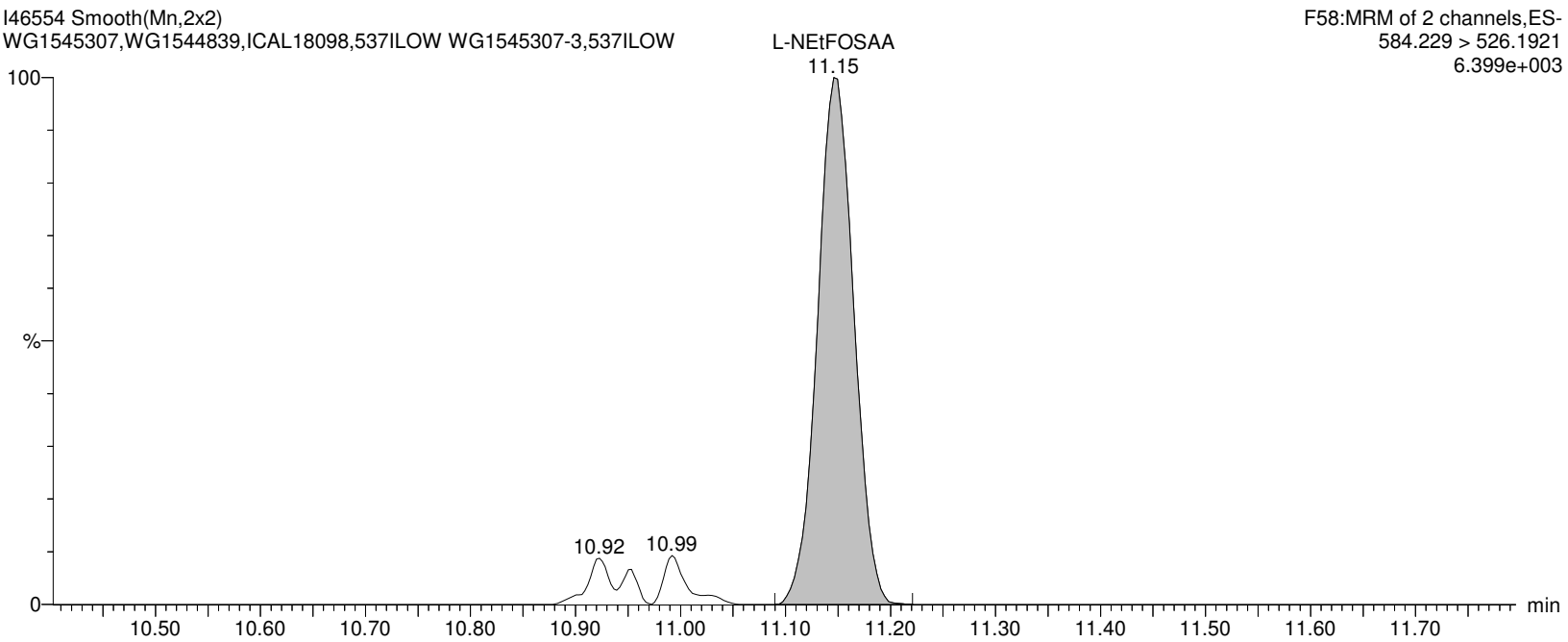
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NEtFOSAA



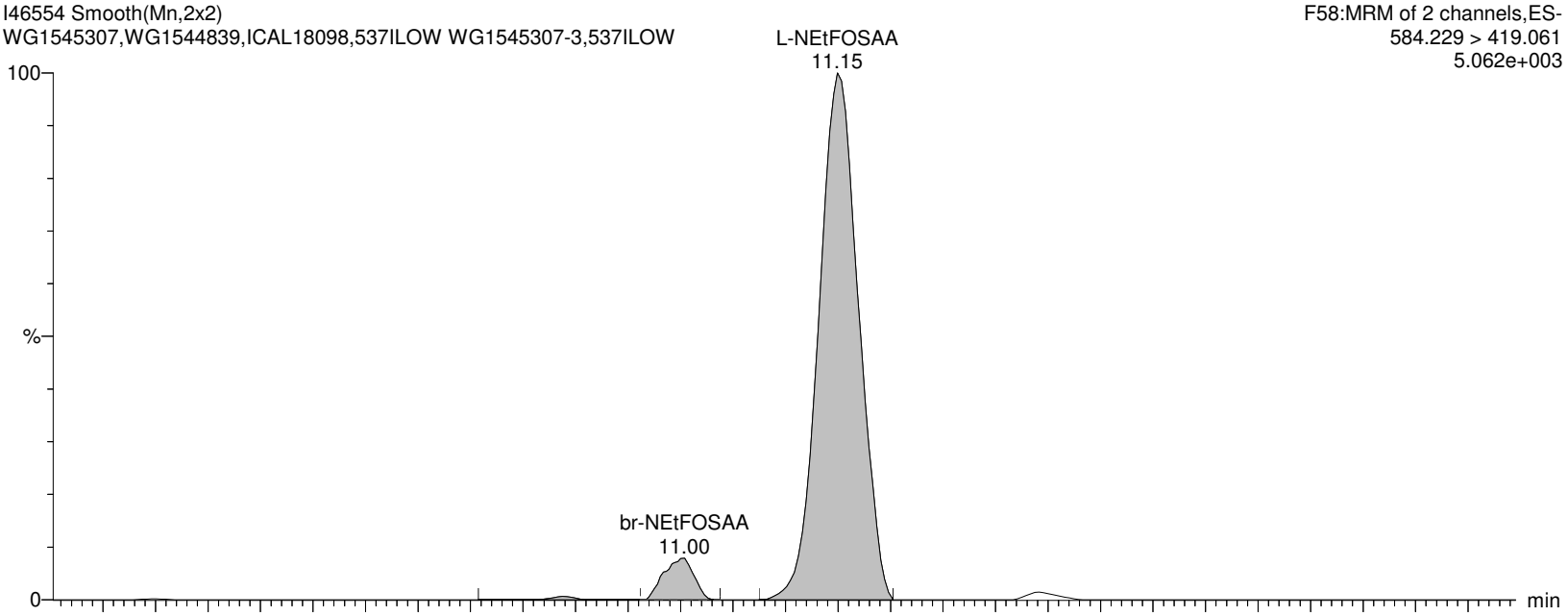


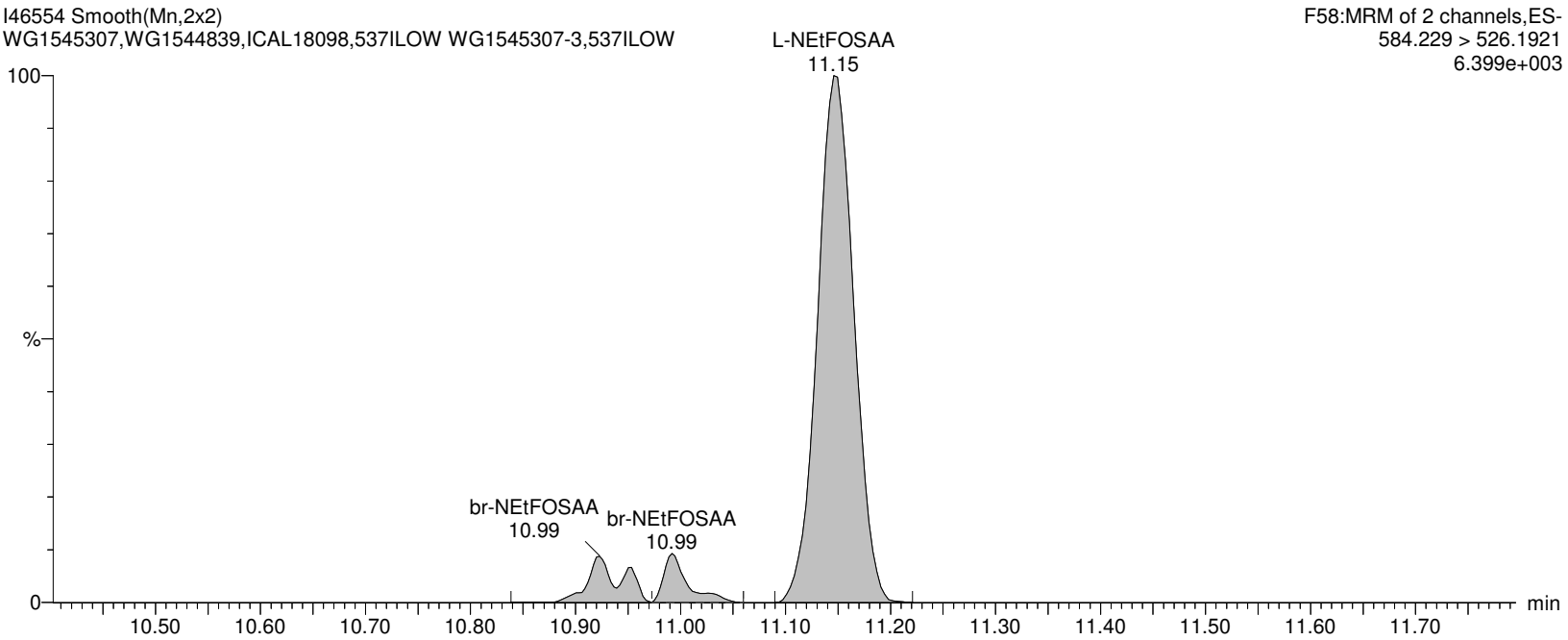
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSAA



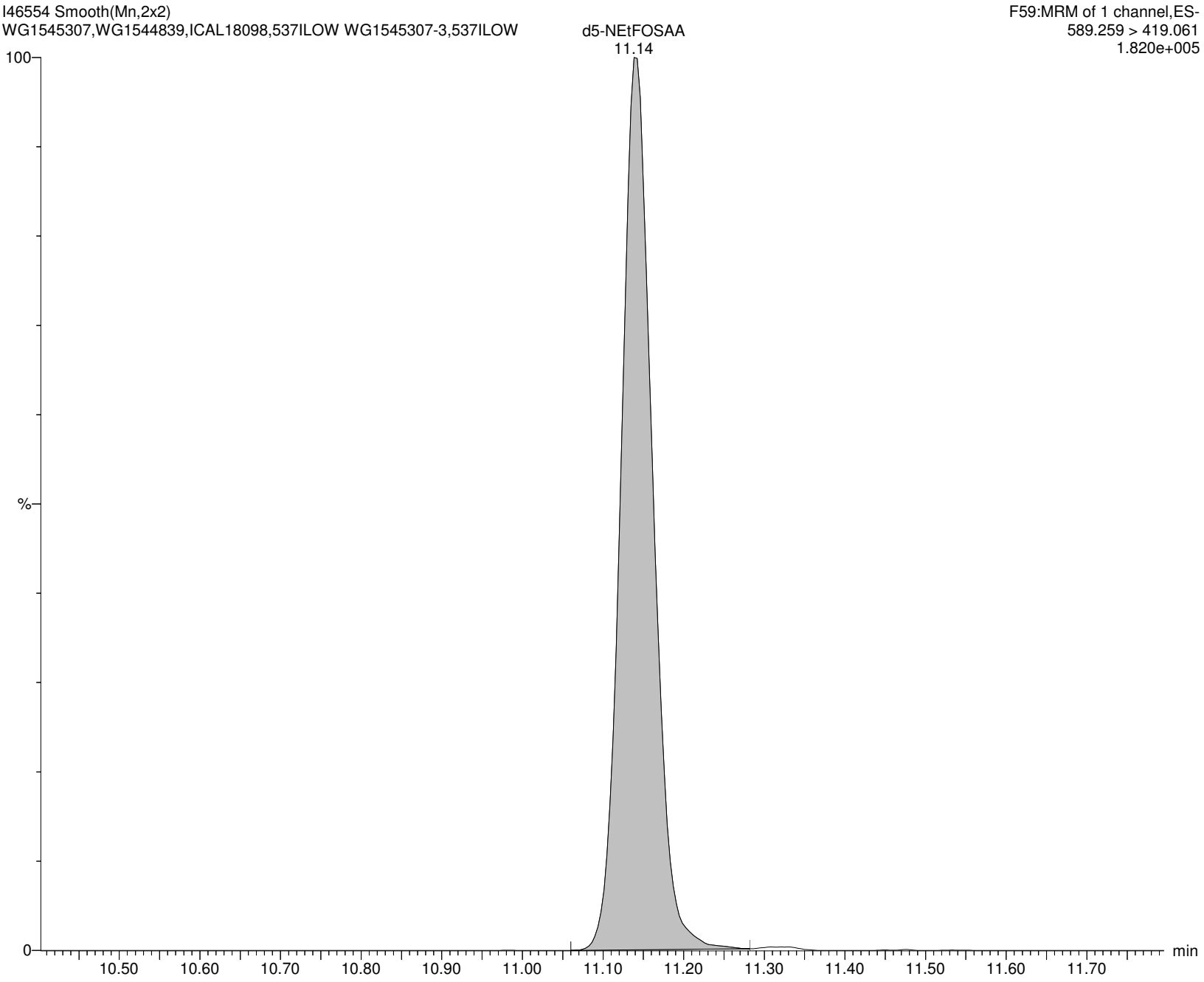


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSAA

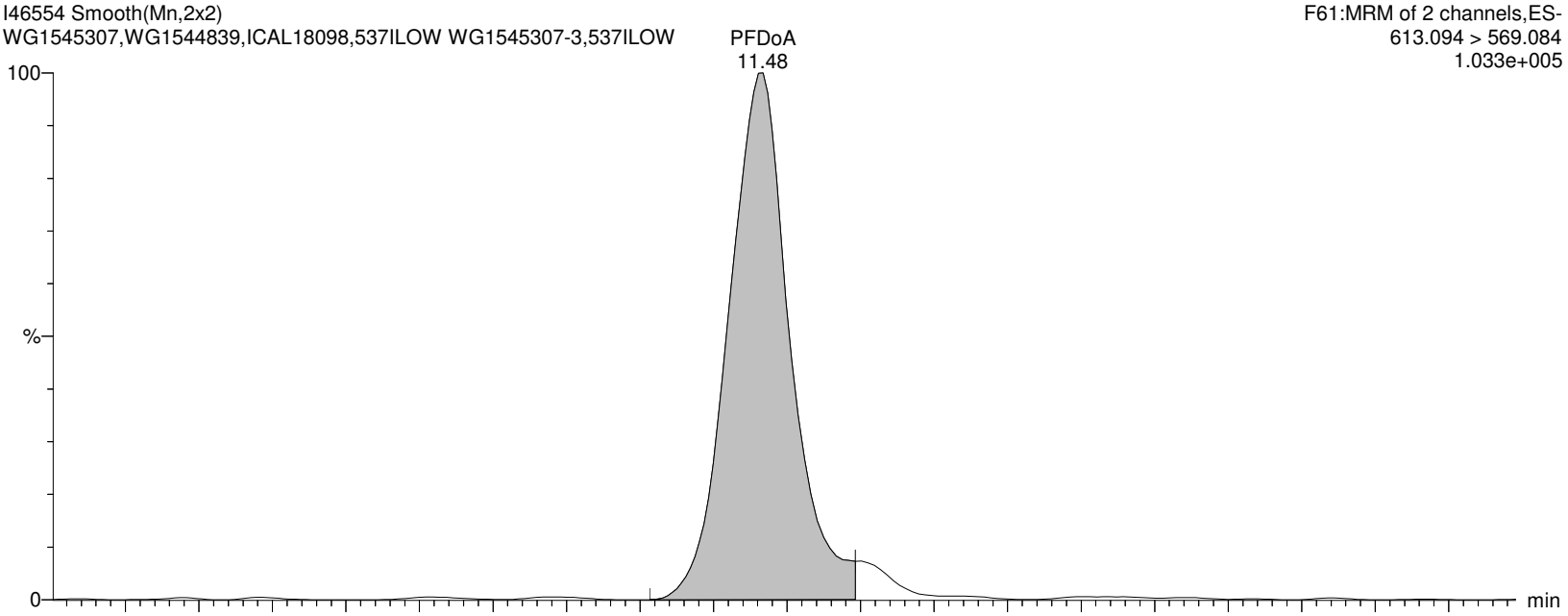


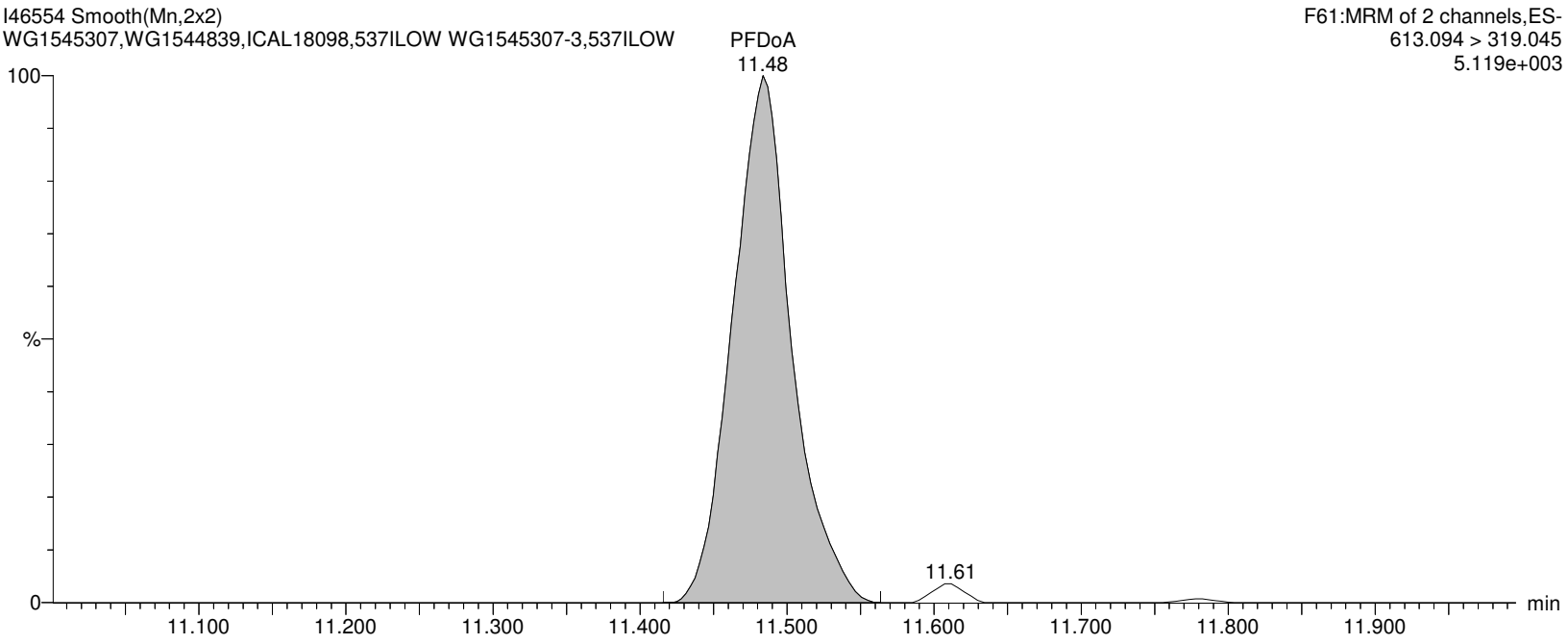
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoA



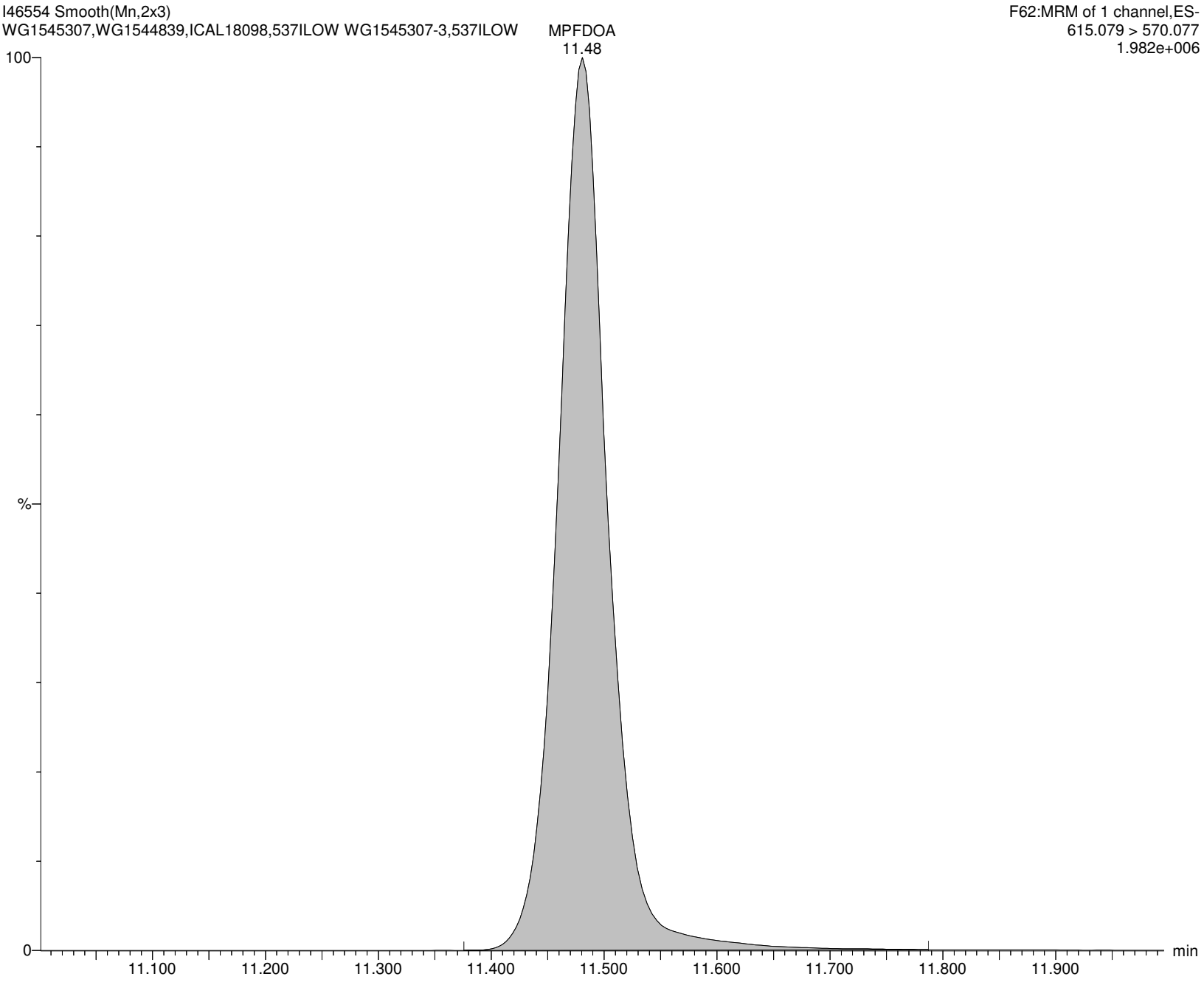


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFDOA

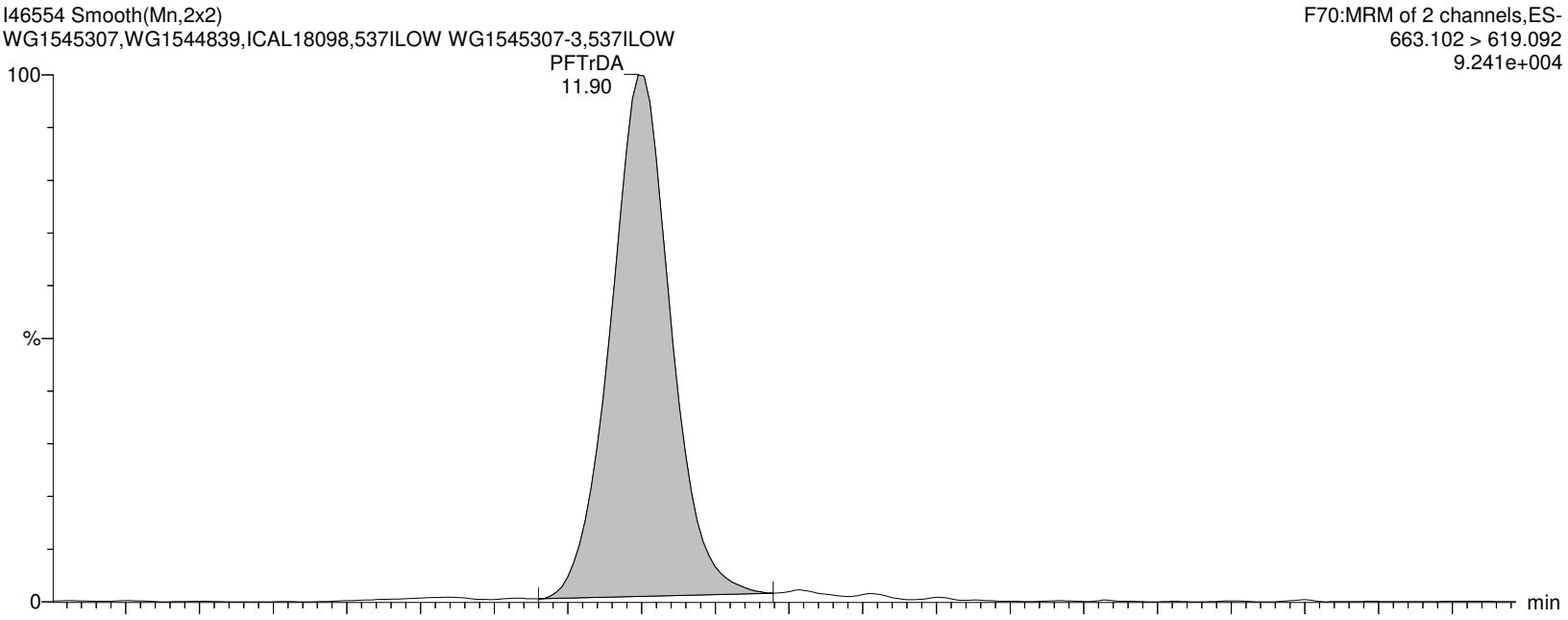


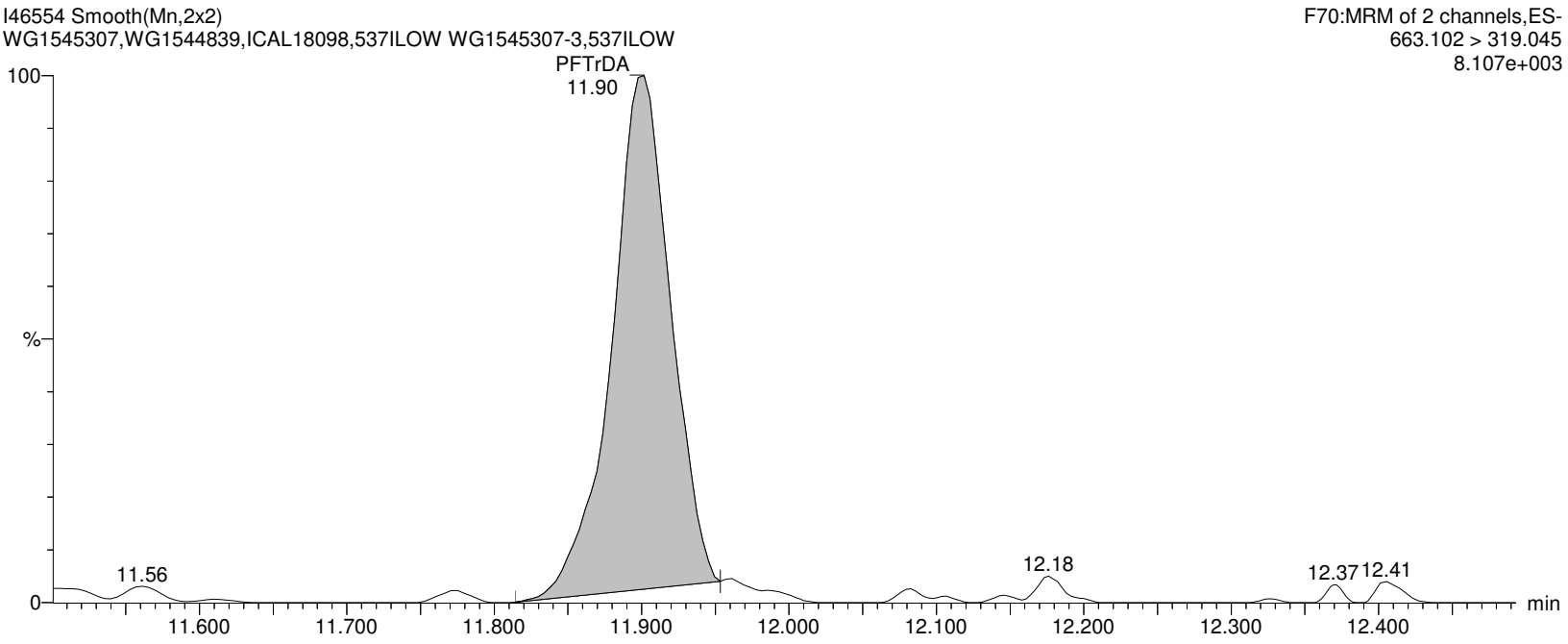
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTrDA



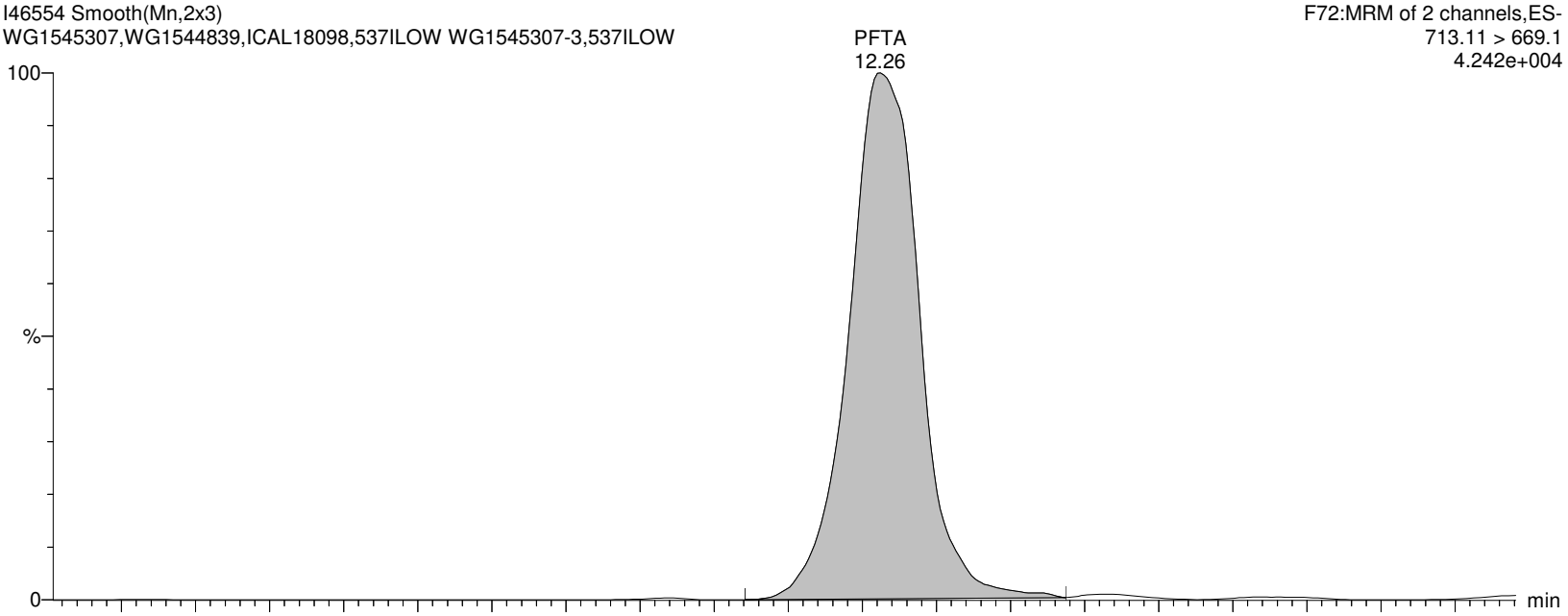


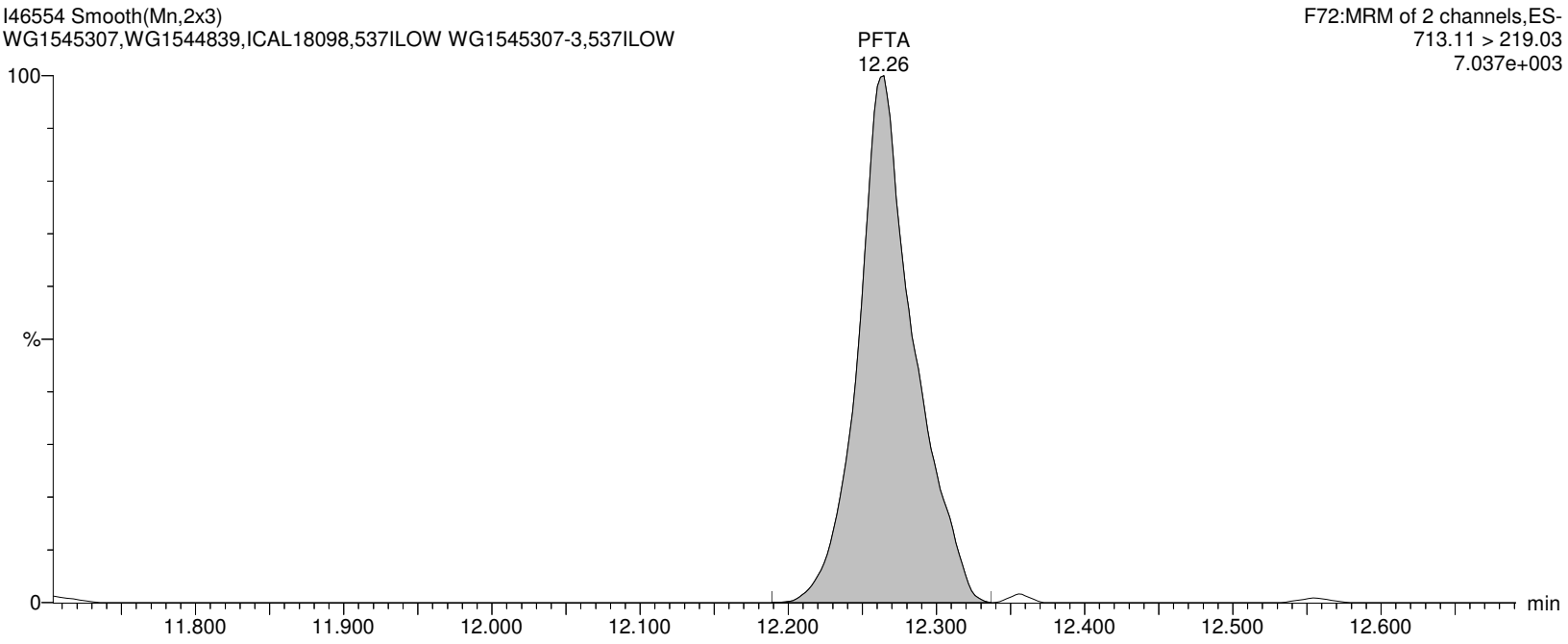
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTA



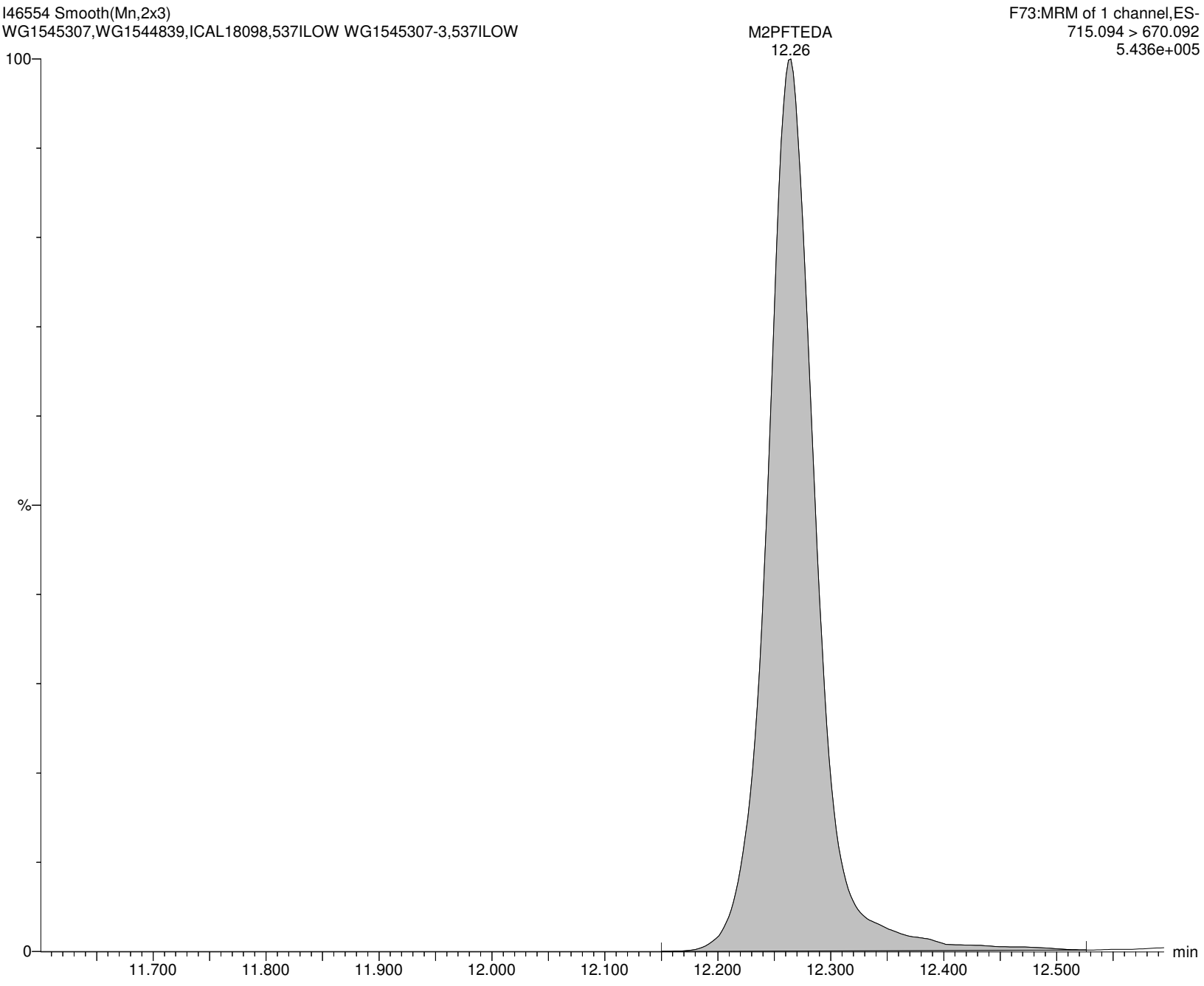


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFTEDA

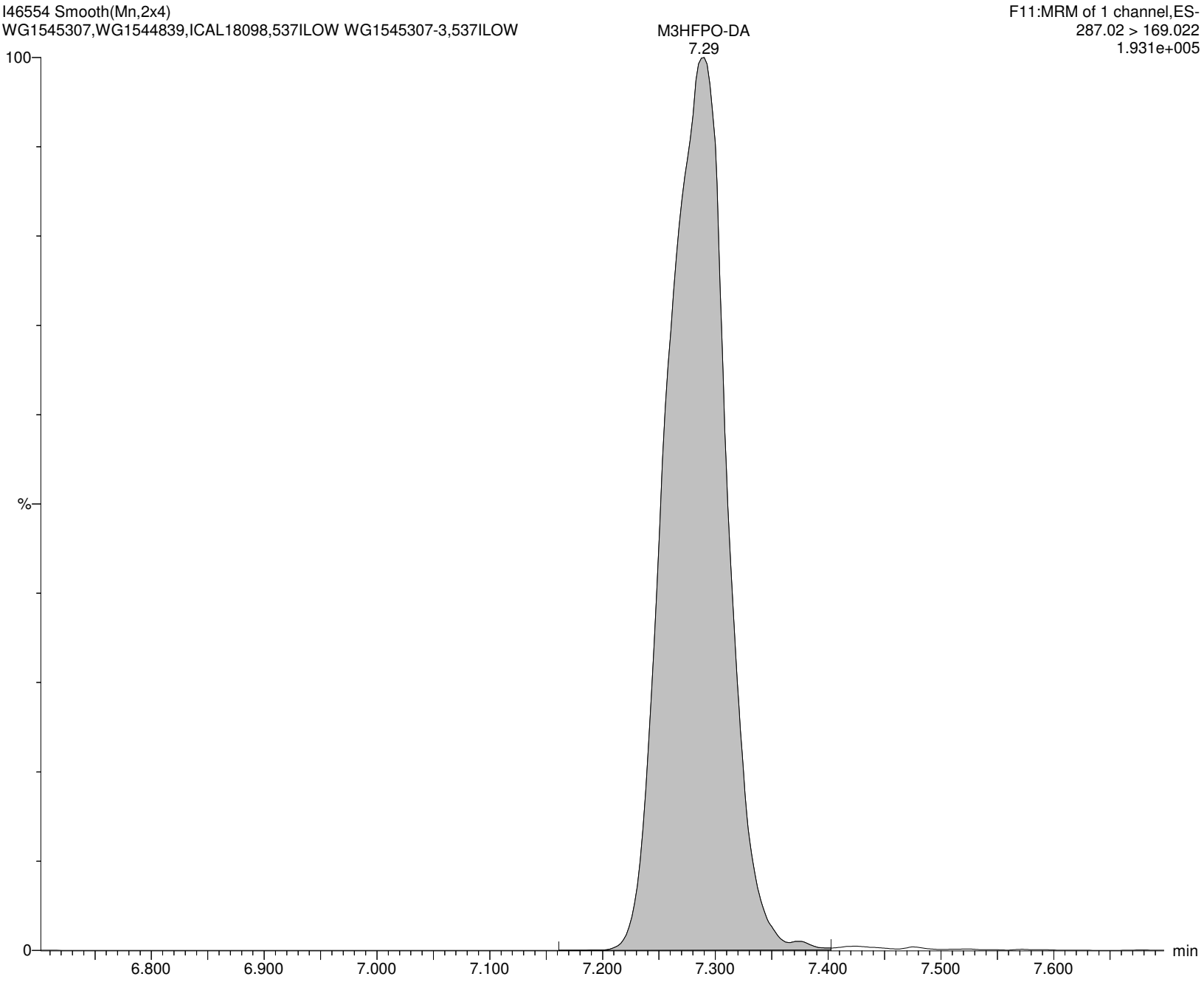


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3HFPO-DA

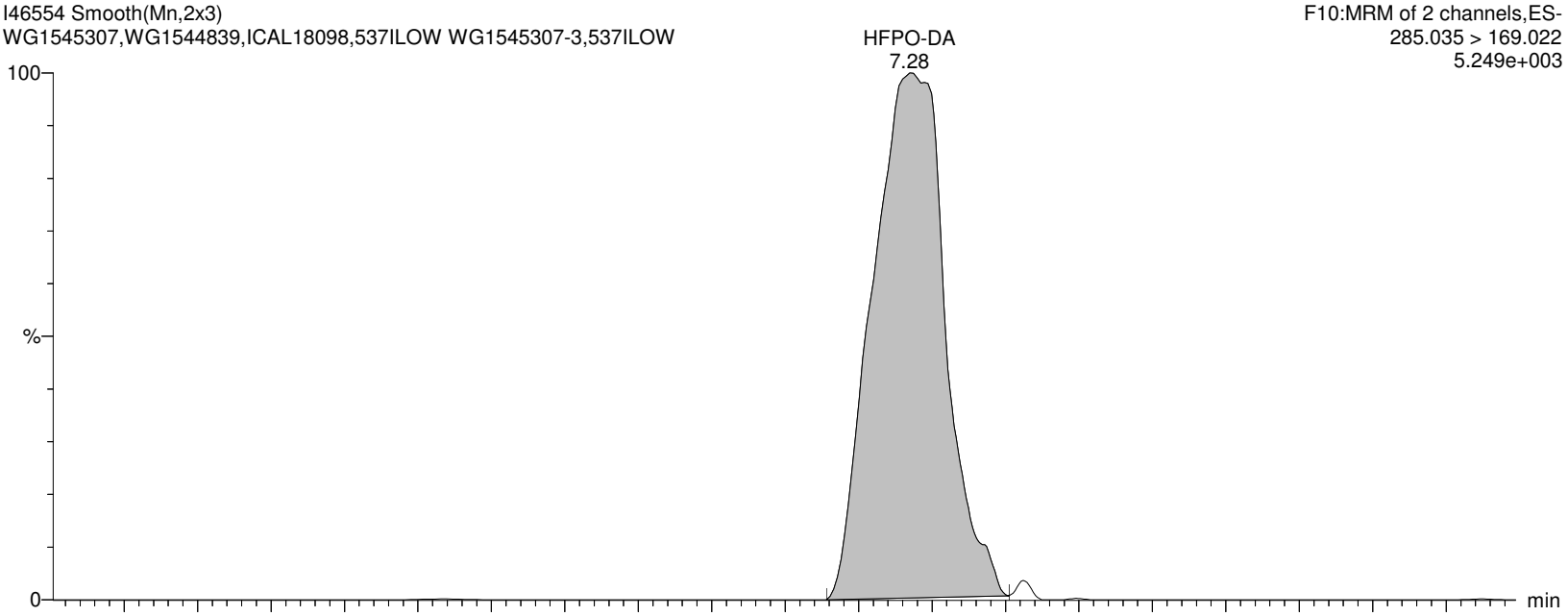


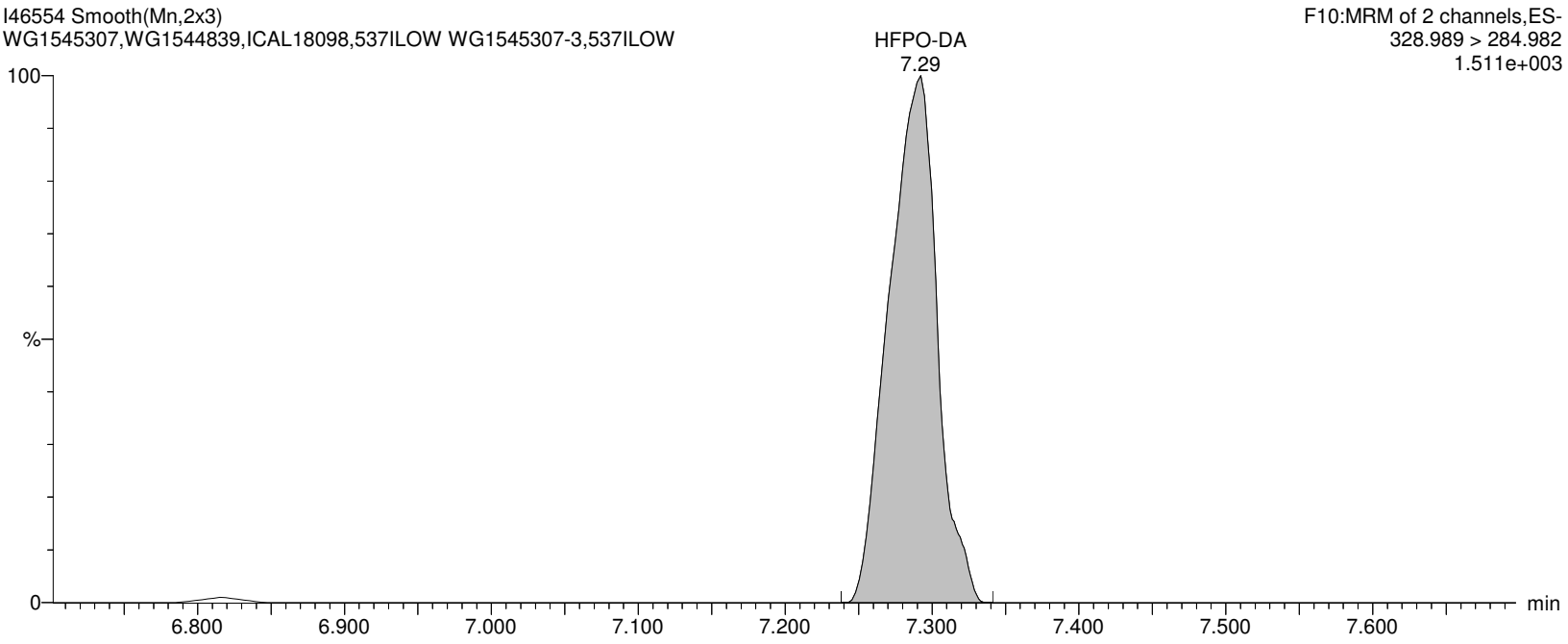
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

HFPO-DA



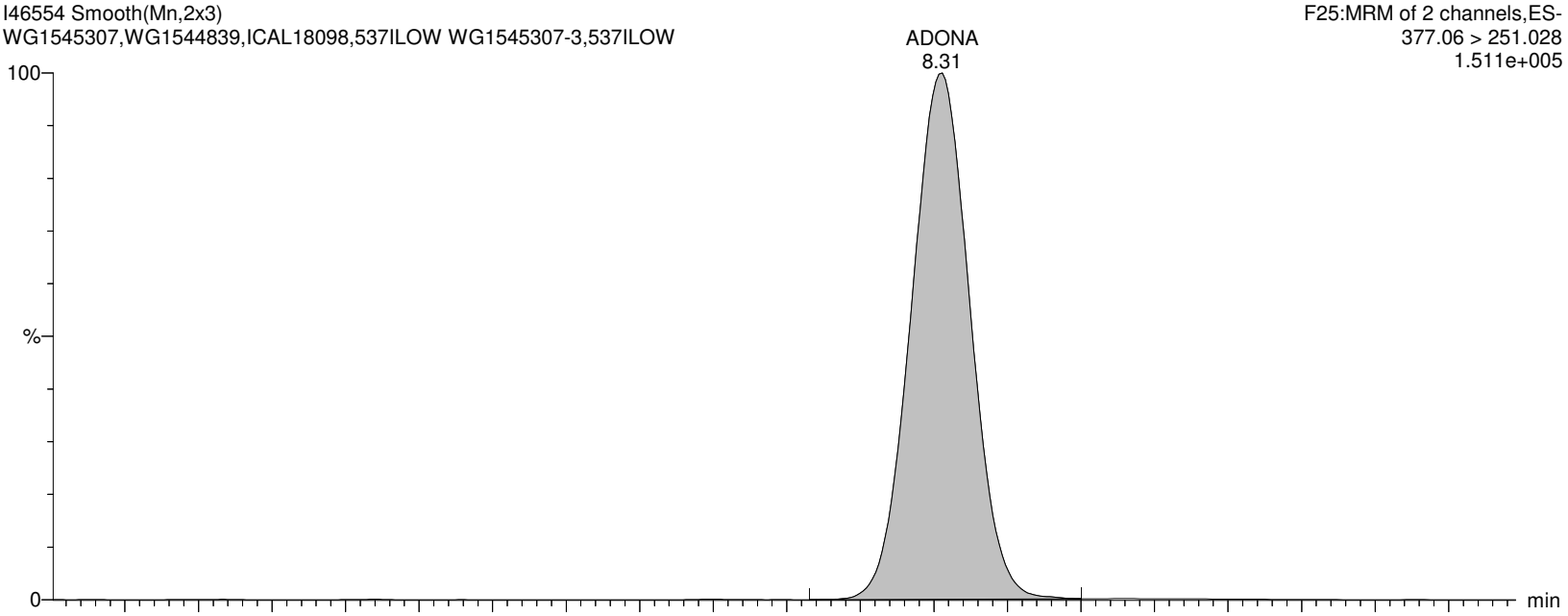


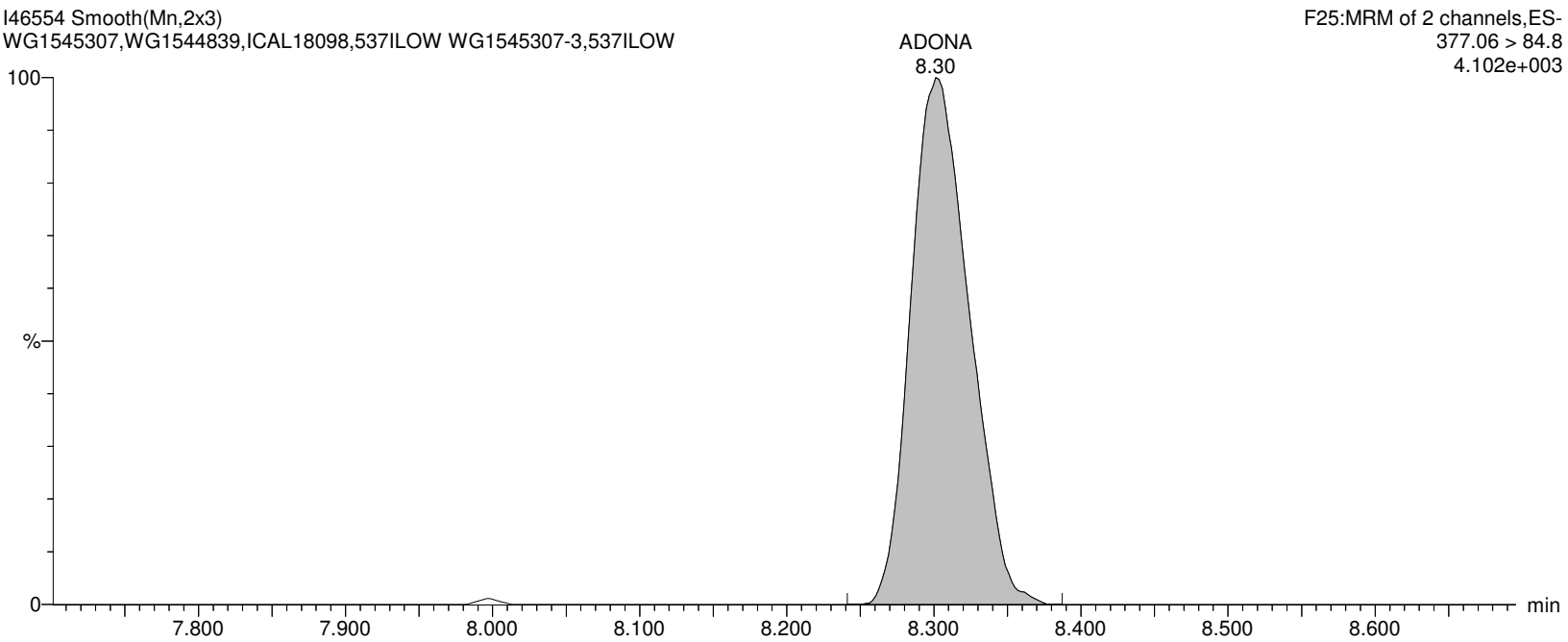
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

ADONA



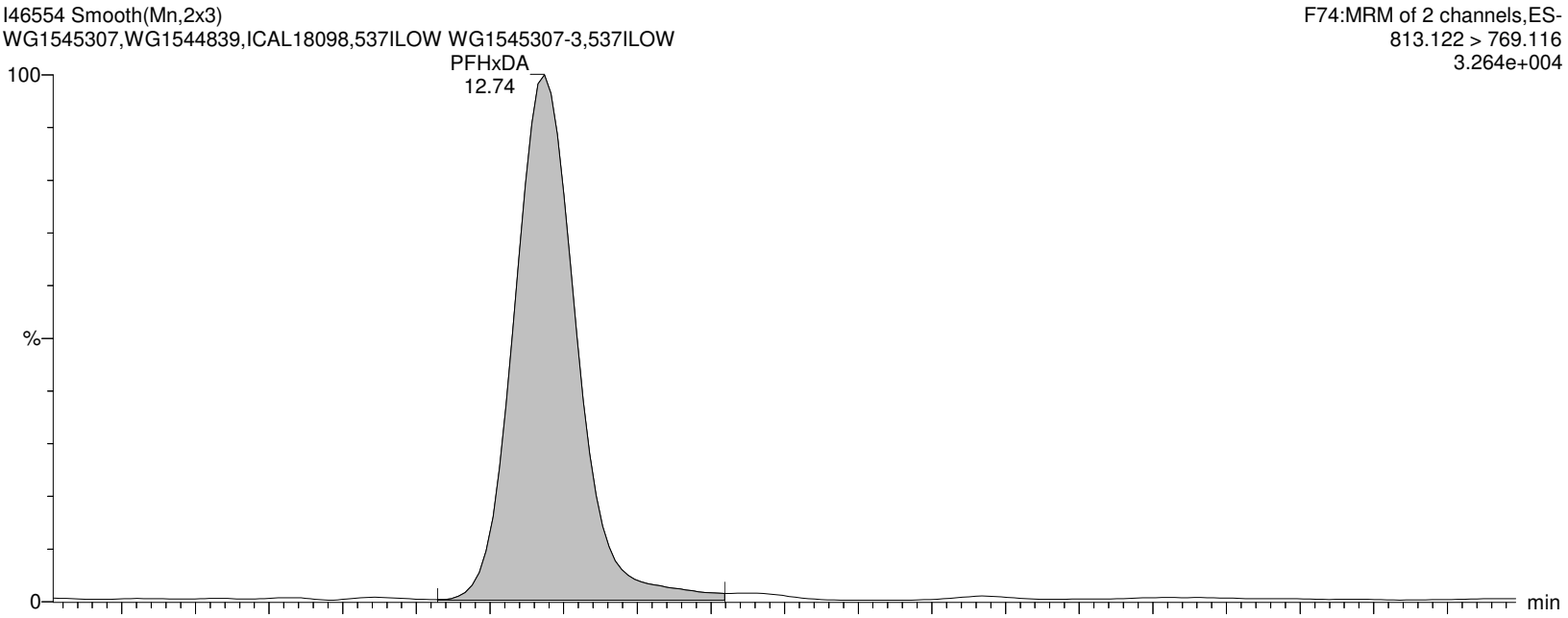


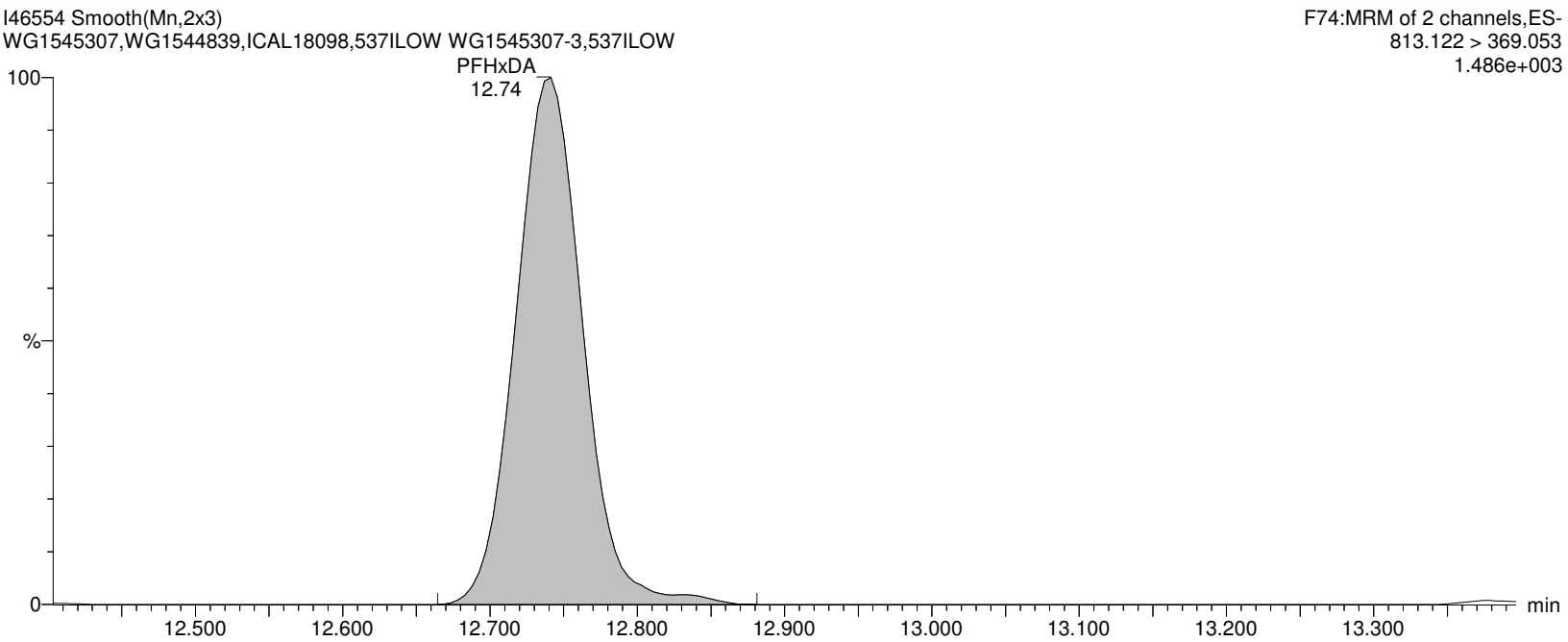
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxDA



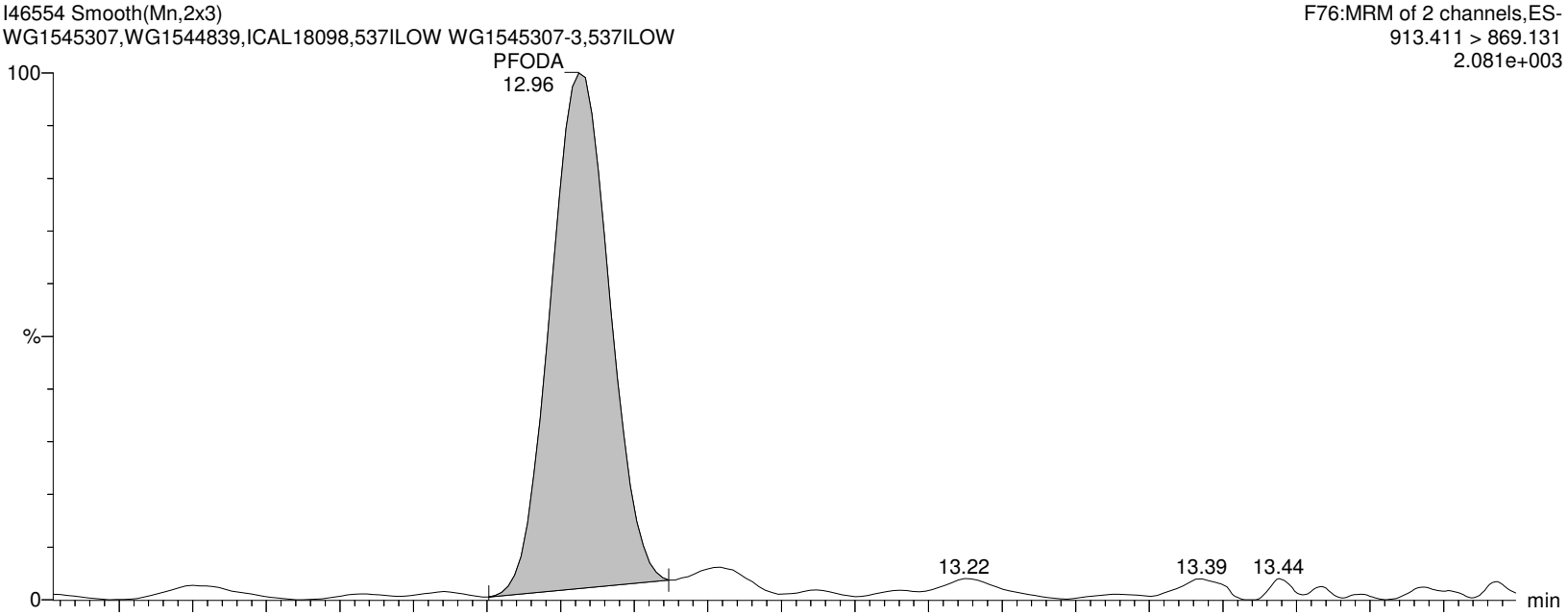


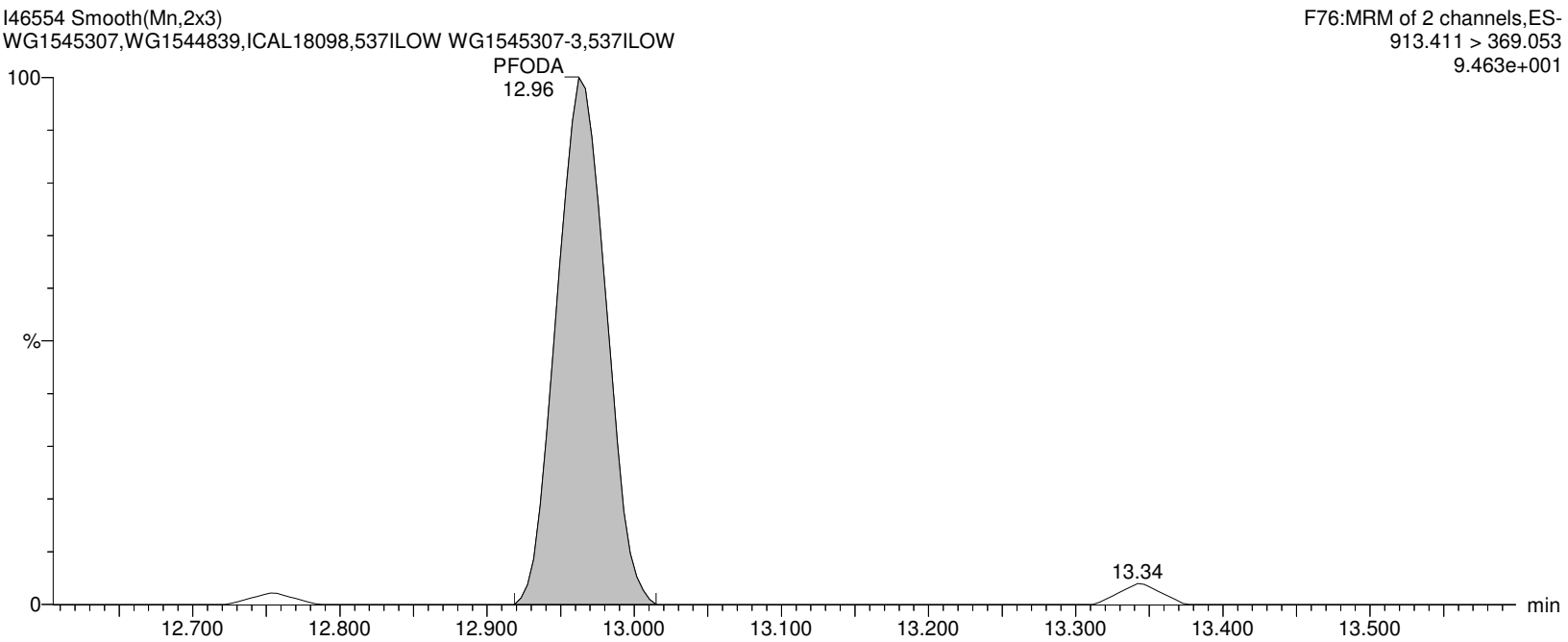
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFODA



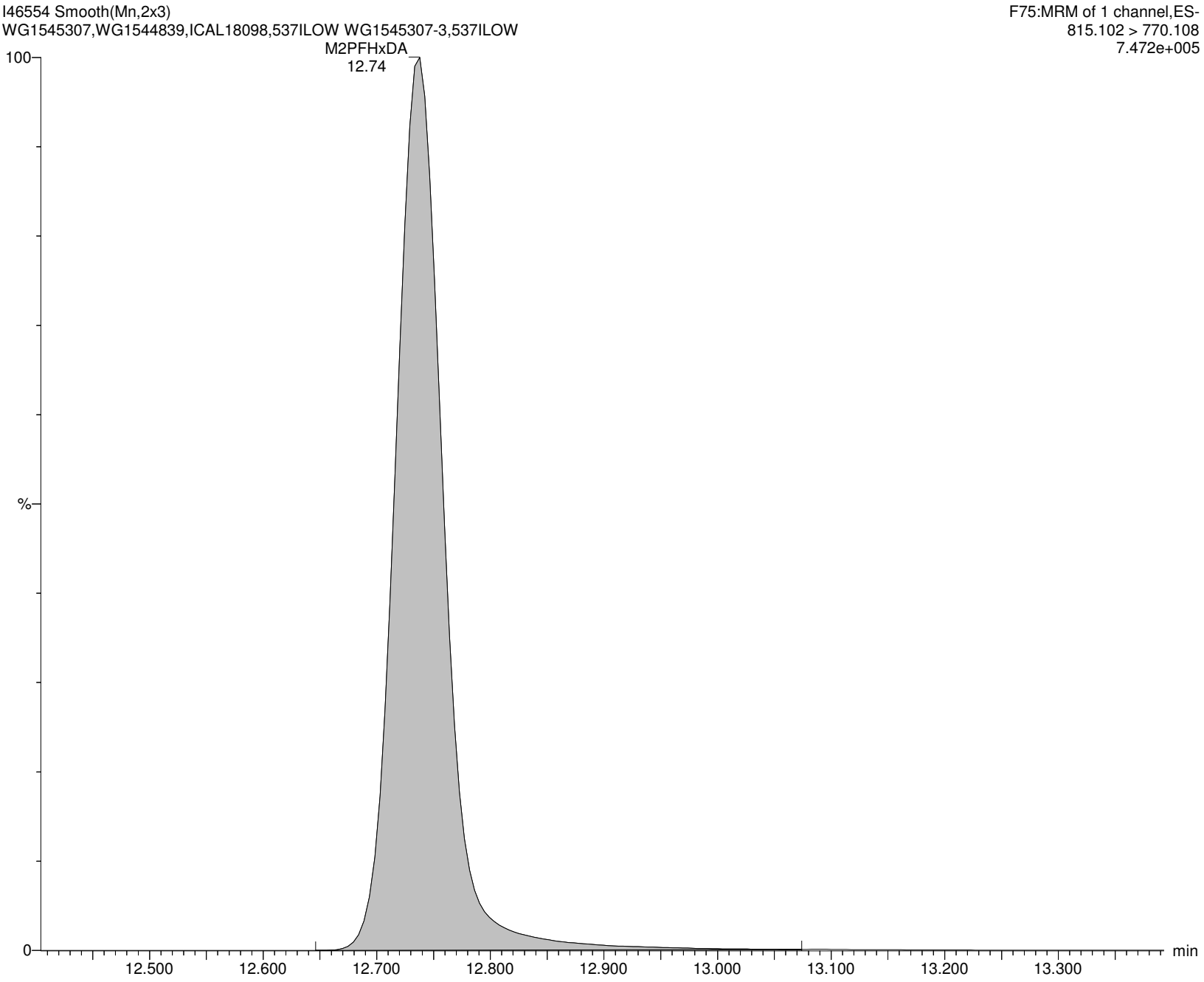


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-B.qld
Last Altered: Sunday, September 12, 2021 22:14:34 Eastern Daylight Time
Printed: Sunday, September 12, 2021 22:21:01 Eastern Daylight Time

Name: I46554
ID: WG1545307-3,537ILOW
Date: 11-Sep-2021
Time: 20:50:45
Description: WG1545307,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFHxDA



all concentration units in (ng/mL)

Semivolatiles Raw QC Data

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210911_537.PRO\MethDB\537ISO_Q_210625_TOP_RT2.mdb 03 Sep 2021 08:44:20
Calibration: C:\MassLynx\Data\2021\210911_537.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

ID: WG1544839-1
Name: I46529
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:SG
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.13	213.032 > 169.022	197	M3	0.034		na	
2	M3PFBA	INT STD	2.13	216.009 > 171.999	61665		11.746		na	117.5
3	MPFBA	INT STD	2.13	217.001 > 171.999	64369		9.708		na	97.1
4	PFPeA	2706-90-3	5.02	263.039 > 219.03	160	M4	0.024		na	
5	M5PFPEA	INT STD	5.02	268.001 > 222.999	71421		9.816		na	98.2
6	PFBS	375-73-5		299.092 > 80.062			ND		YES	
7	M3PFBS	INT STD	5.67	302.069 > 80.062	11728		9.362		na	93.6
8	4:2FTS	757124-72-4		327.146 > 307.139			ND		YES	
9	M2-4:2FTS	INT STD	6.83	329.13 > 309.124	4943		9.847		na	98.5
10	PFHxA	307-24-4	6.90	313.047 > 269.037	131	M4,M7	0.020	7.15	YES	
11	M5PFHxA	INT STD	6.90	318.009 > 273.007	63270		11.140		na	111.4
12	PFPeS	2706-91-4		349.1 > 80.062			ND		YES	
13	PFHpA	375-85-9		363.055 > 319.045			ND		YES	
14	M4PFHpA	INT STD	8.17	367.025 > 322.022	83702		9.885		na	98.9
15	br-PFHxS	355-46-4		399.107 > 80.062			ND		YES	
16	L-PFHxS	355-46-4		399.107 > 80.062			ND		YES	
17	PFHxS	355-46-4		399.107 > 80.062	0		ND		na	
18	M3PFHxS	INT STD	8.33	402.084 > 80.062	13751		9.679		na	96.8
19	br-PFOA	335-67-1	8.87	413.063 > 369.053	26	M5	0.003		YES	
20	L-PFOA	335-67-1	9.11	413.063 > 369.053	177		0.021	19.57	YES	
21	PFOA	335-67-1		413.063 > 369.053	203		0.024		na	
22	M8PFOA	INT STD	9.11	421.002 > 376.	88076		9.340		na	93.4
23	M2PFOA	INT STD	9.11	415.048 > 370.045	92883		8.770		na	87.7
24	6:2FTS	27619-97-2	9.07	427.161 > 407.155	14	M4,M7	0.035	15.29	YES	
25	M2-6:2FTS	INT STD	9.07	429.146 > 409.14	3954		7.671		na	76.7
26	PFHpS	375-92-8		449.115 > 80.062			ND		YES	
27	PFNA	375-95-1		463.071 > 419.061			ND		YES	
28	M9PFNA	INT STD	9.87	472.002 > 427.	25947		9.579		na	95.8
29	br-PFOS	1763-23-1		499.123 > 80.062			ND		YES	
30	L-PFOS	1763-23-1		499.123 > 80.062			ND		YES	
31	PFOS	1763-23-1		499.123 > 80.062	0		ND		na	
32	M4PFOS	INT STD	9.92	503.093 > 80.062	11355		10.032		na	100.3
33	M8PFOS	INT STD	9.92	507.062 > 80.062	12285		9.655		na	96.6
34	PFDA	335-76-2	10.48	513.078 > 469.069	89	M4,M7	0.015	13.77	YES	
35	M2PFDA	INT STD	10.50	515.053 > 469.934	53211		8.723		na	87.2
36	M6PFDA	INT STD	10.50	519.033 > 474.03	57859		9.580		na	95.8
37	8:2FTS	39108-34-4		527.177 > 507.171			ND		YES	
38	M2-8:2FTS	INT STD	10.49	529.162 > 509.155	2947		7.779		na	77.8
39	PFNS	68259-12-1		549.131 > 80.062			ND		YES	

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

ID: WG1544839-1
Name: I46529
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:SG
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.89	573.22 > 419.061	4733		8.314		na	83.1
41	br-NMeFOSAA			570.202 > 419.061			ND		YES	
42	L-NMeFOSAA			570.202 > 419.061			ND		YES	
43	NMeFOSAA	2355-31-9		570.202 > 419.061	0		ND		na	
44	PFUnA	2058-94-8		563.086 > 519.076			ND		YES	
45	M7-PFUDA	INT STD	11.04	570.033 > 525.031	55379		9.832		na	98.3
46	PFDS	335-77-3		599.139 > 80.062			ND		YES	
47	FOSA	754-91-6		498.146 > 78.07			ND		YES	
48	M8FOSA	INT STD	10.97	506.077 > 78.07	8210		2.511		na	25.1
49	br-NEtFOSAA			584.229 > 419.061			ND		YES	
50	L-NEtFOSAA		11.17	584.229 > 419.061	5		0.011	3.58	YES	
51	NEtFOSAA	2991-50-6		584.229 > 419.061	5		0.011		na	
52	d5-NEtFOSAA	INT STD	11.18	589.259 > 419.061	4203		8.934		na	89.3
53	PFDoA	307-55-1		613.094 > 569.084			ND		YES	
54	MPFDOA	INT STD	11.53	615.079 > 570.077	49013		9.020		na	90.2
55	PFTrDA	72629-94-8		663.102 > 619.092			ND		YES	
56	PFTA	376-06-7		713.11 > 669.1			ND		YES	
57	M2PFTEDA	INT STD	12.31	715.094 > 670.092	14513		8.515		na	85.1
58	M3HFPO-DA	INT STD	7.33	287.02 > 169.022	7478		284.551		na	142.3
59	HFPO-DA	13252-13-6		285.035 > 169.022			ND		YES	
60	ADONA	958445-44-8		377.06 > 251.028			ND		YES	
61	PFHxDA		12.76	813.122 > 769.116	212		0.108	18.01	NO	
62	PFODA		13.01	913.411 > 869.131	7	M4	0.031	18.40	NO	
63	M2PFHxDA		12.76	815.102 > 770.108	29838		11.952		na	119.5

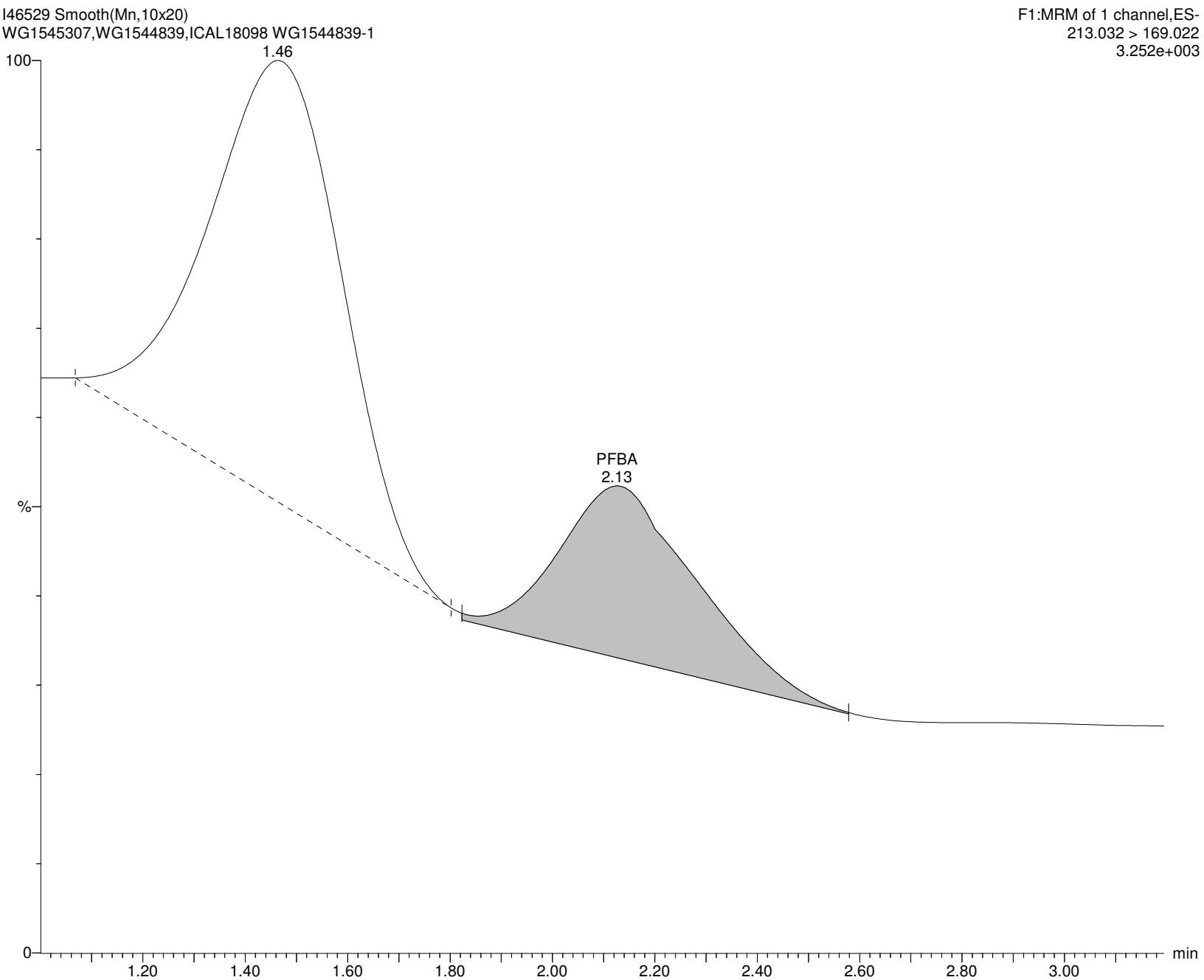
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210911_537.PRO\MethDB\537ISO_Q_210625_TOP_RT2.mdb 03 Sep 2021 08:44:20
Calibration: C:\MassLynx\Data\2021\210911_537.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBA

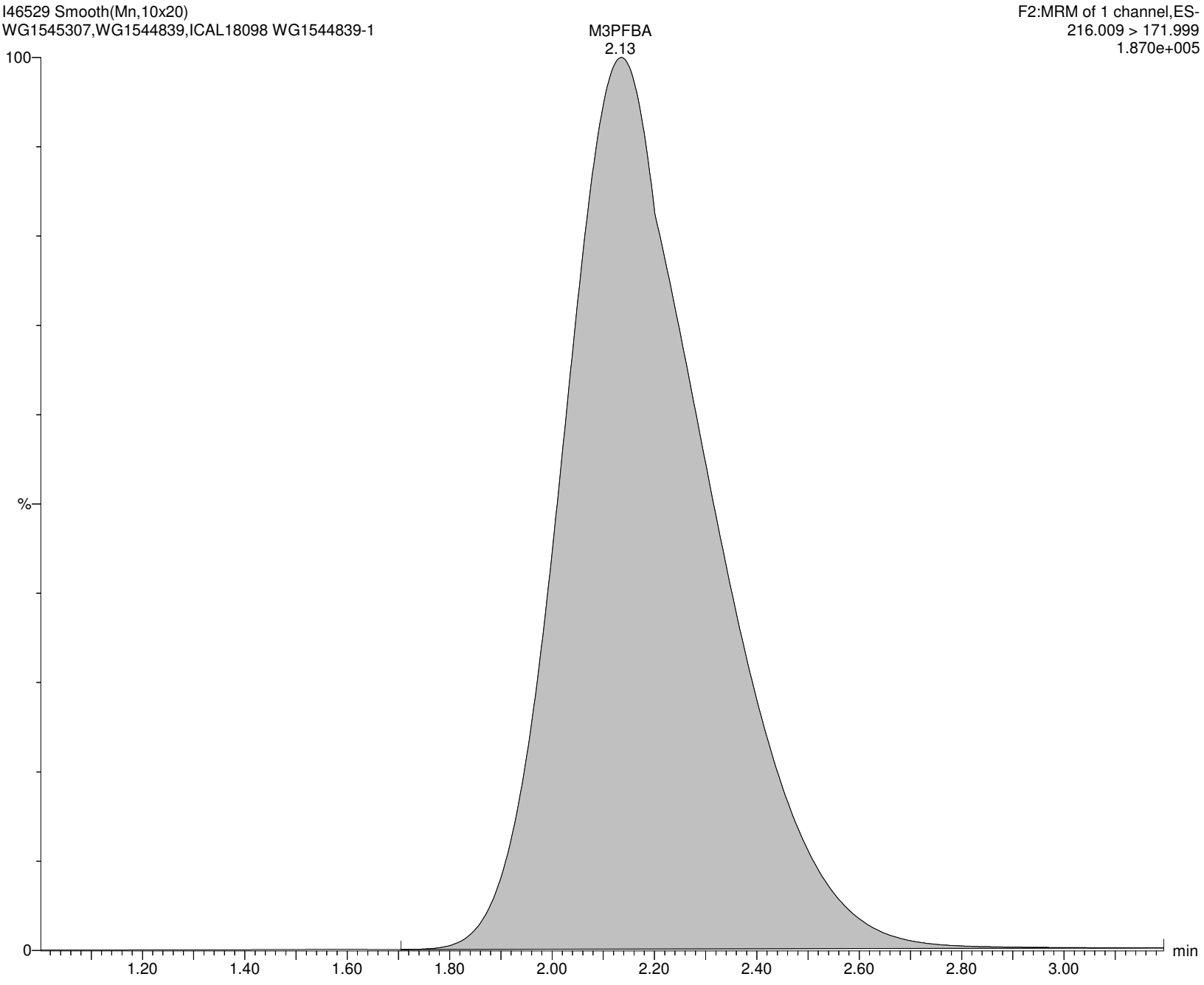


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBA

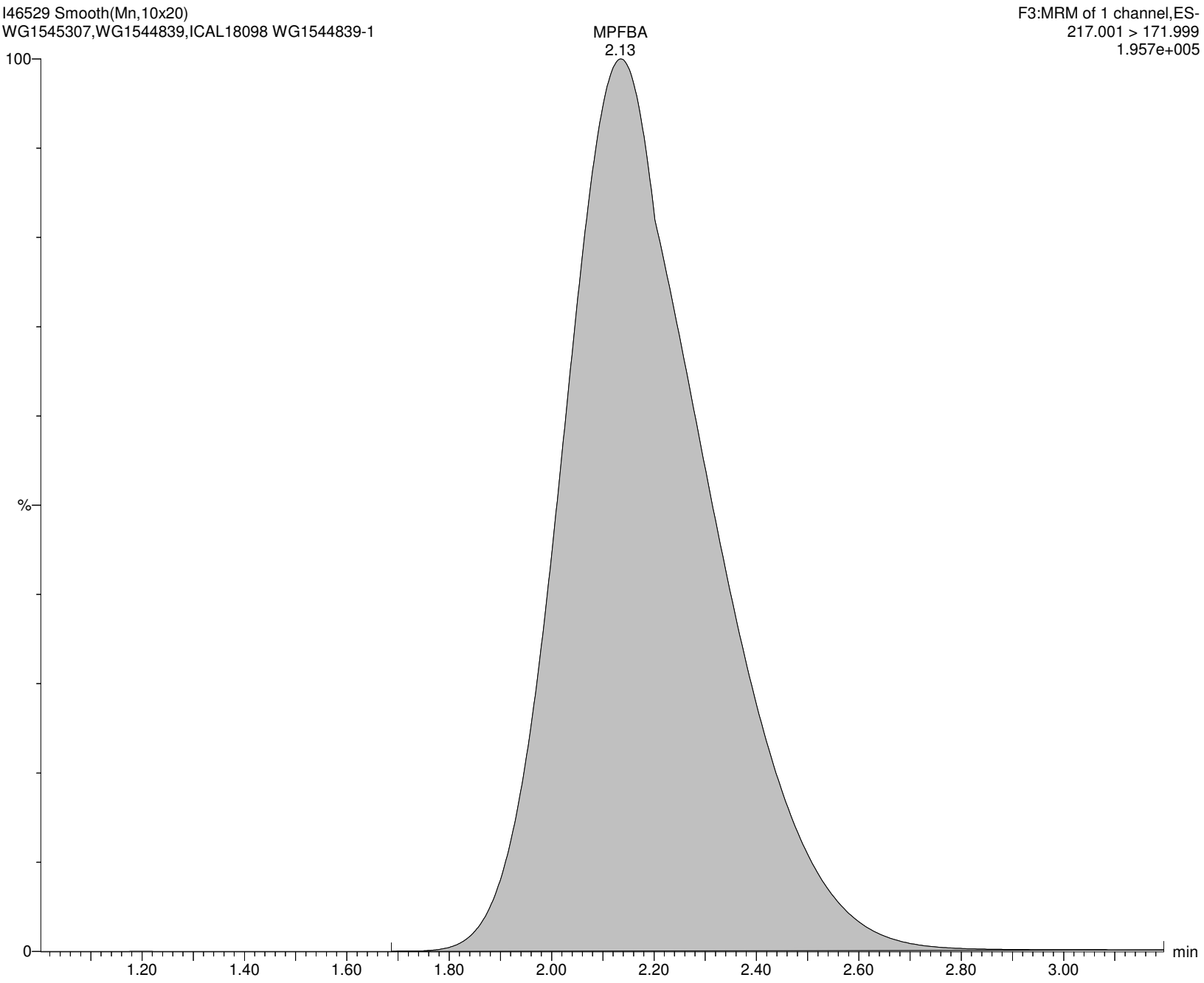


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFBA

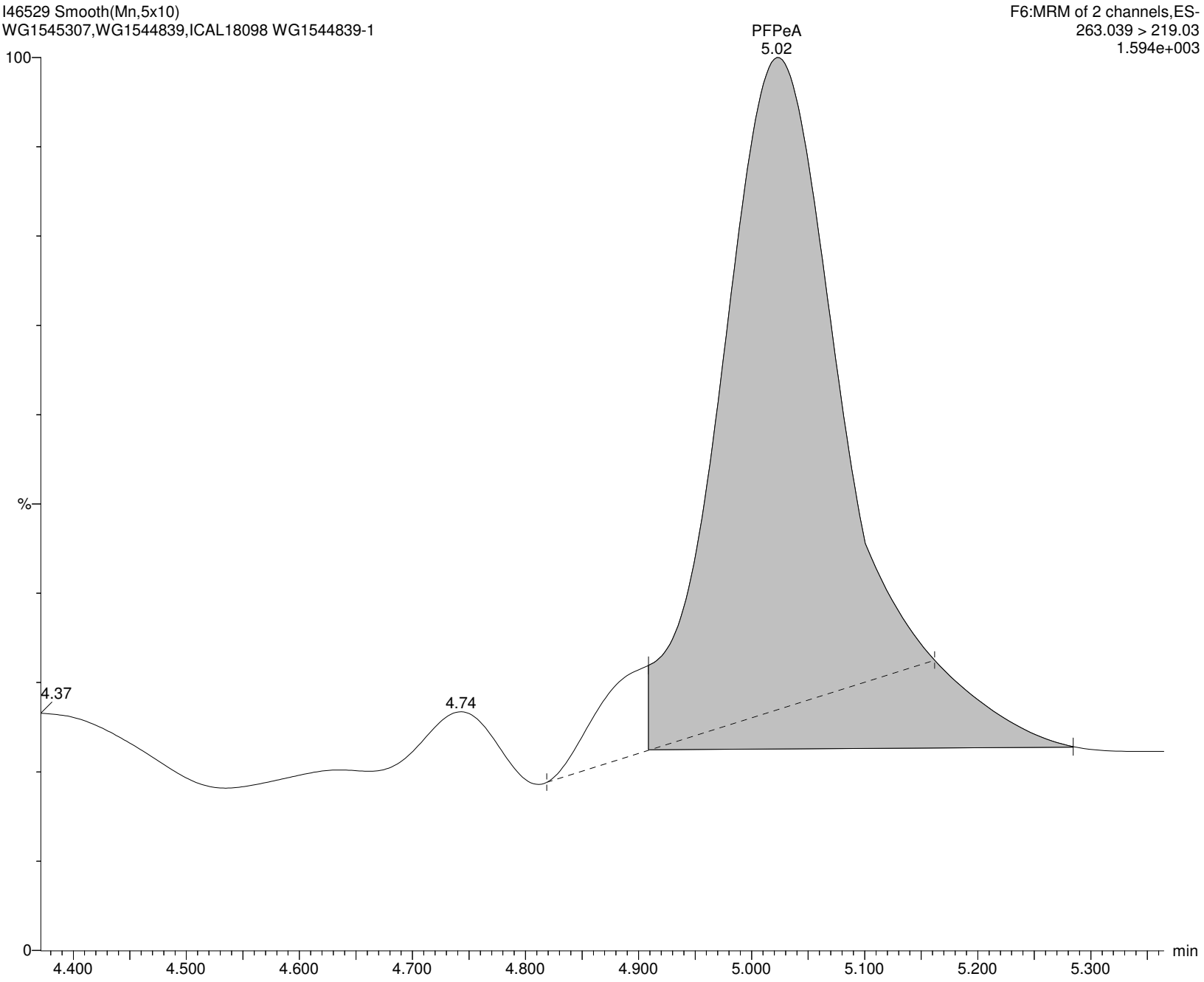


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeA

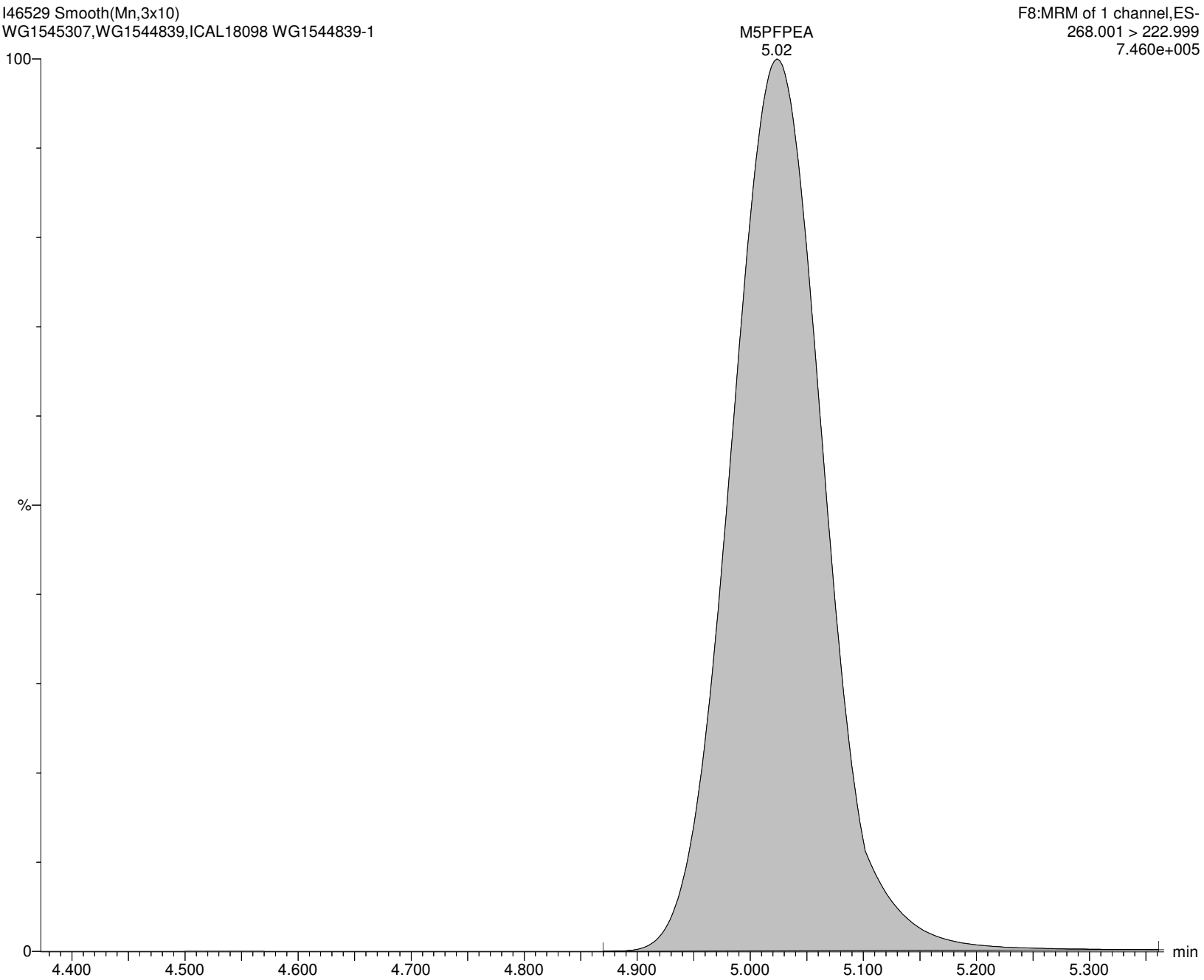


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFPEA

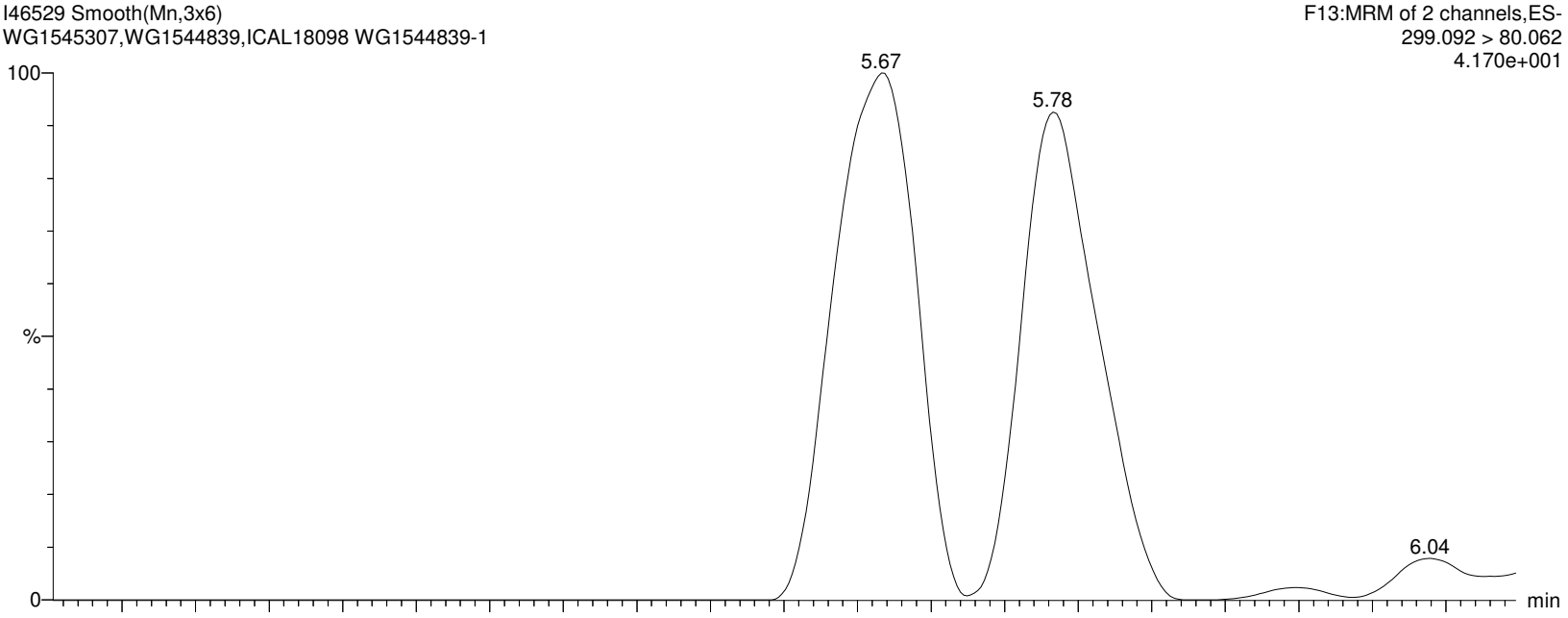


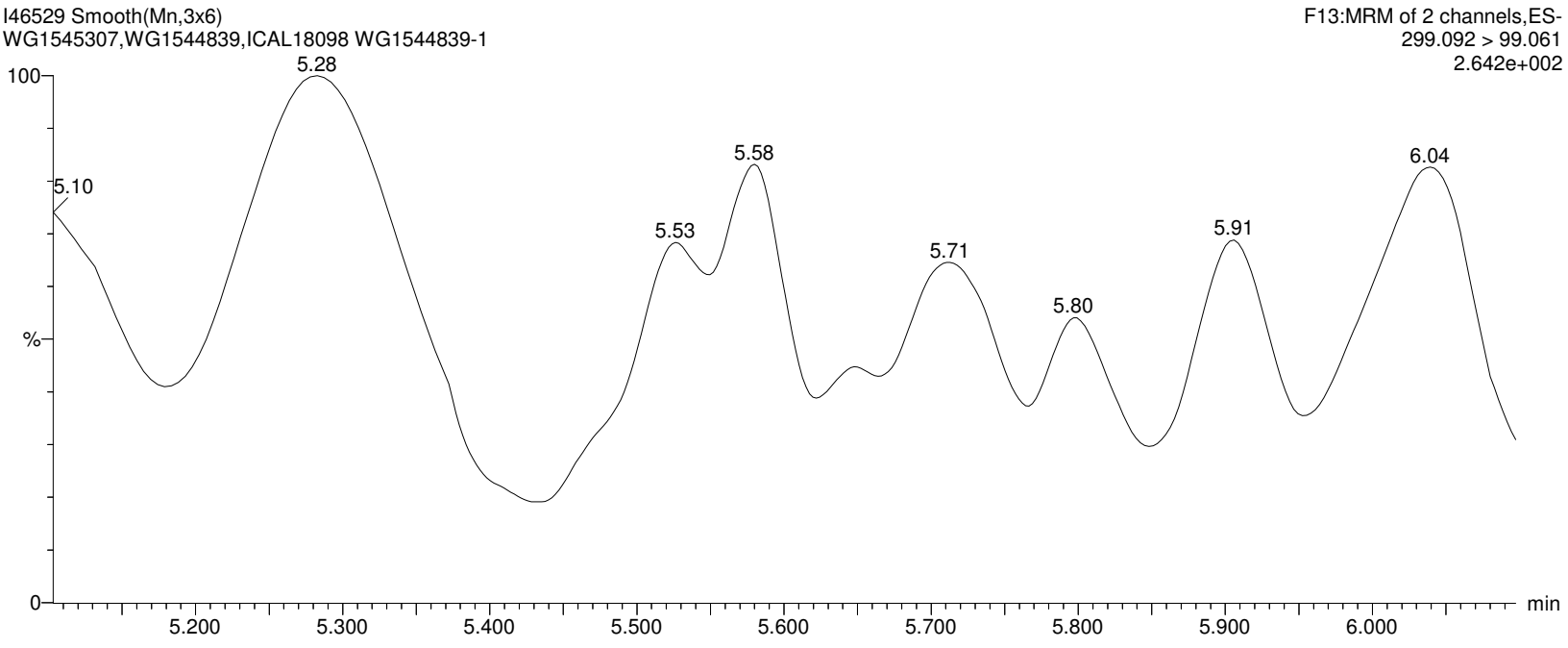
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBS



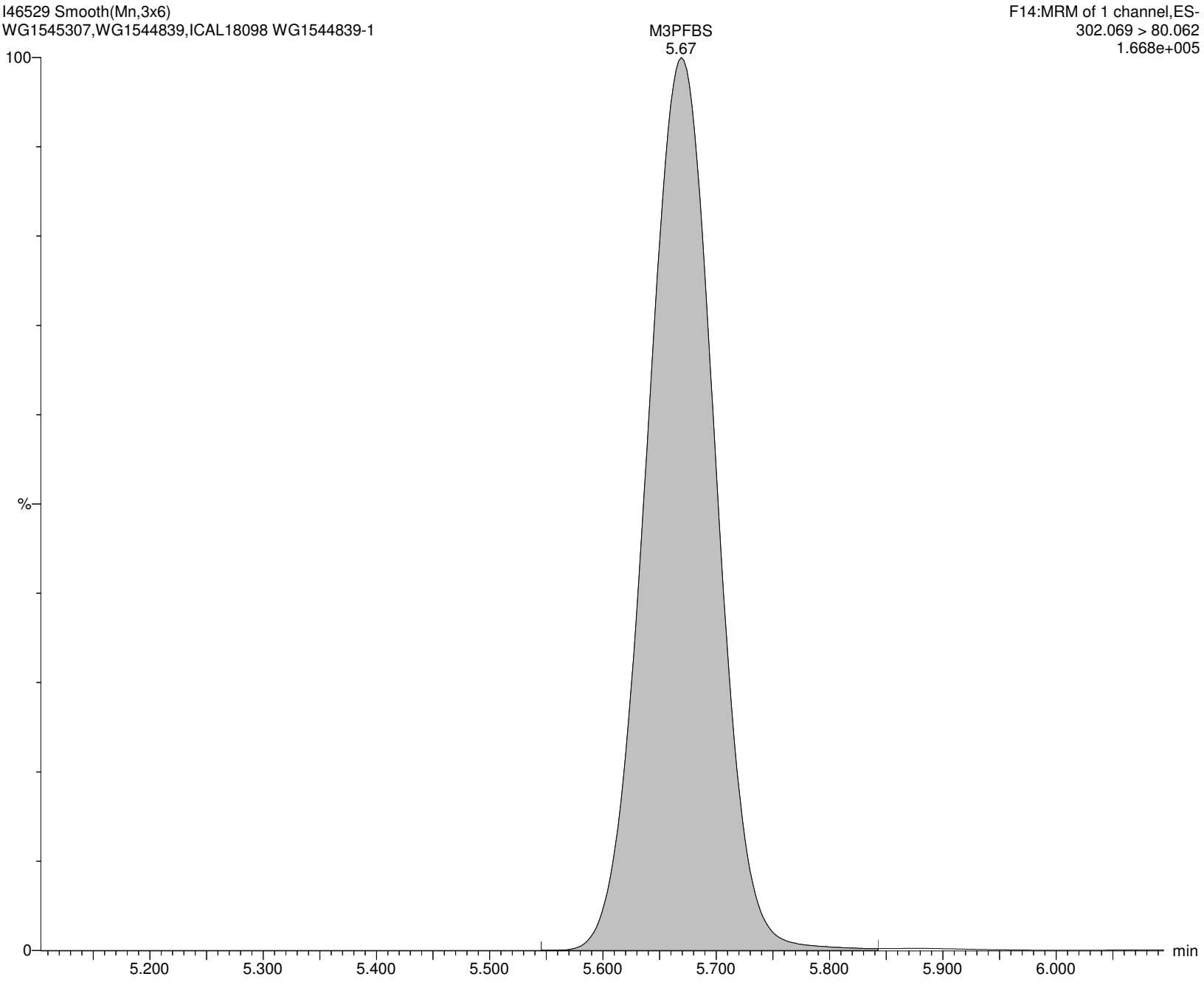


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBS

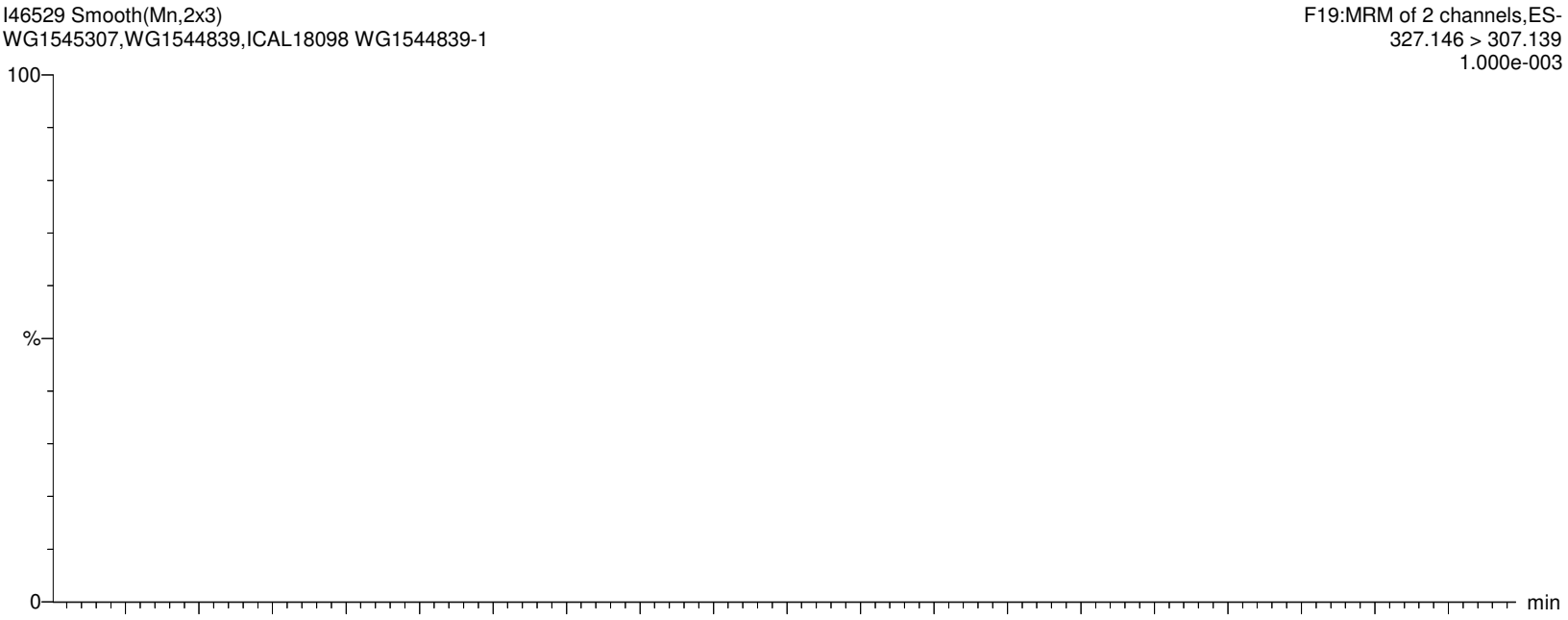


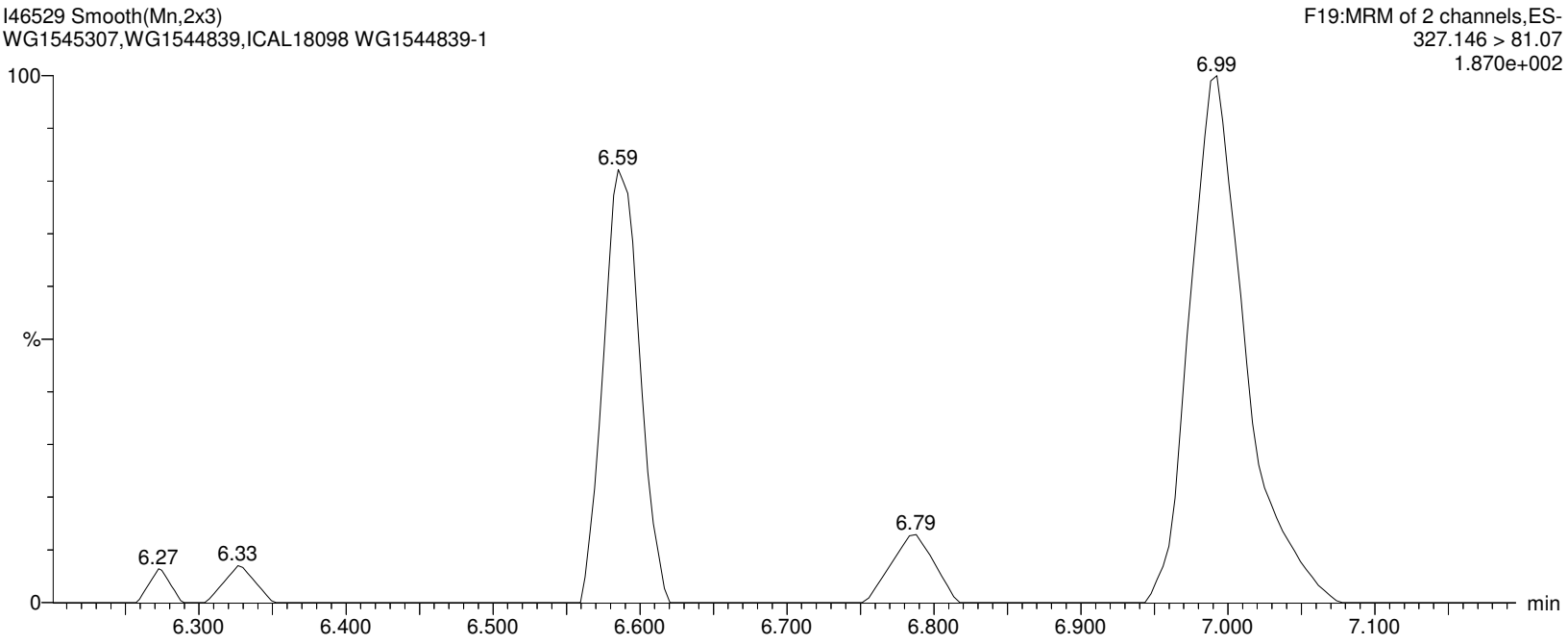
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

4:2FTS



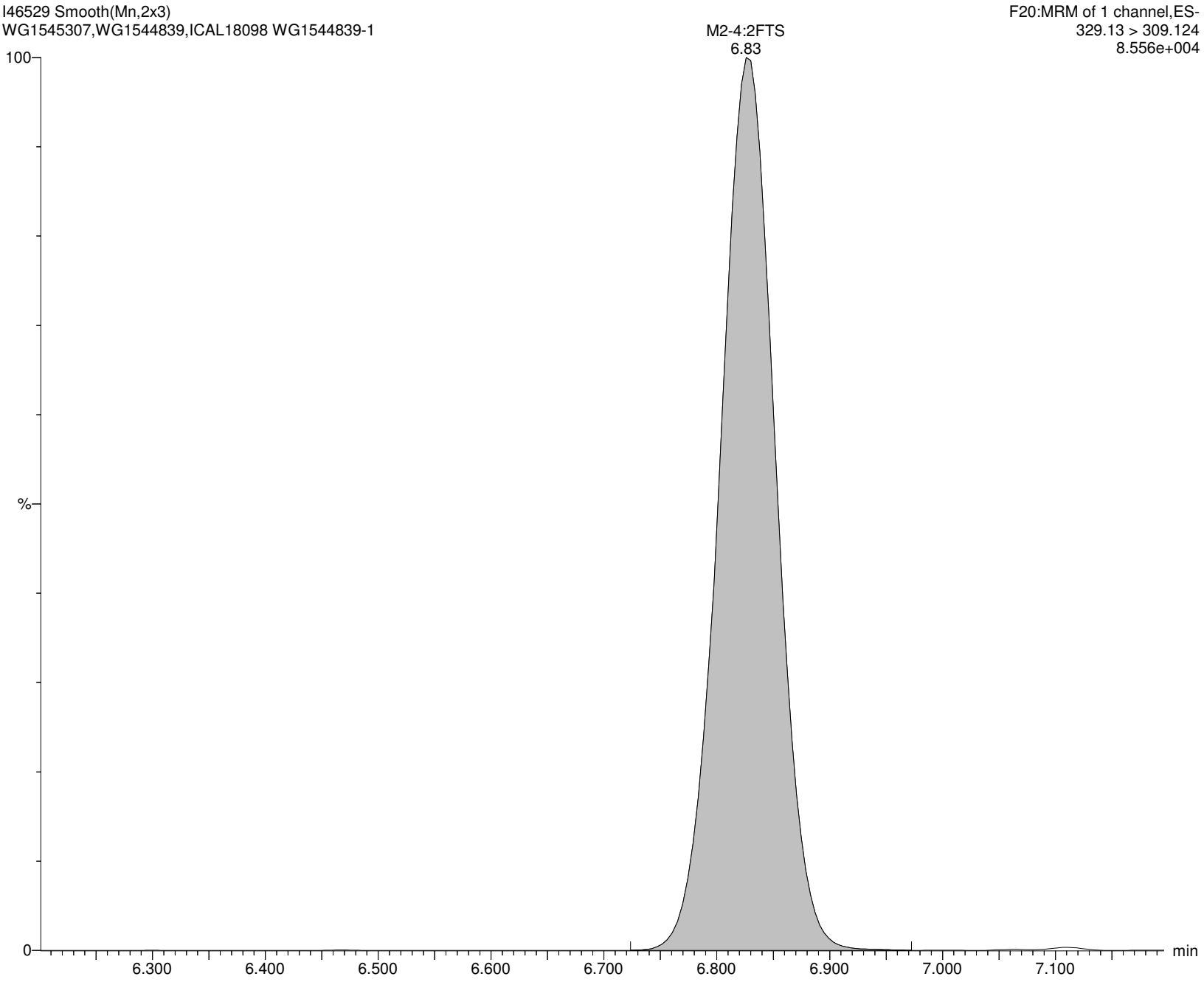


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-4:2FTS

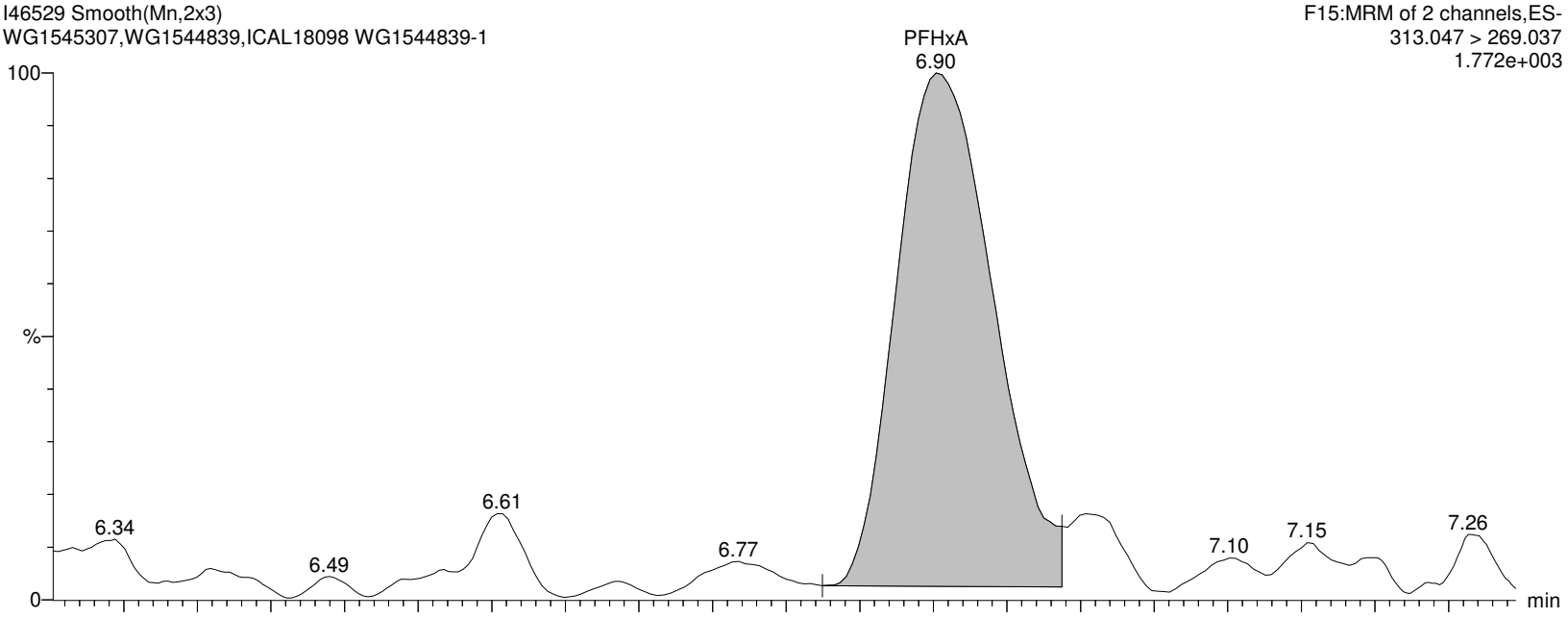


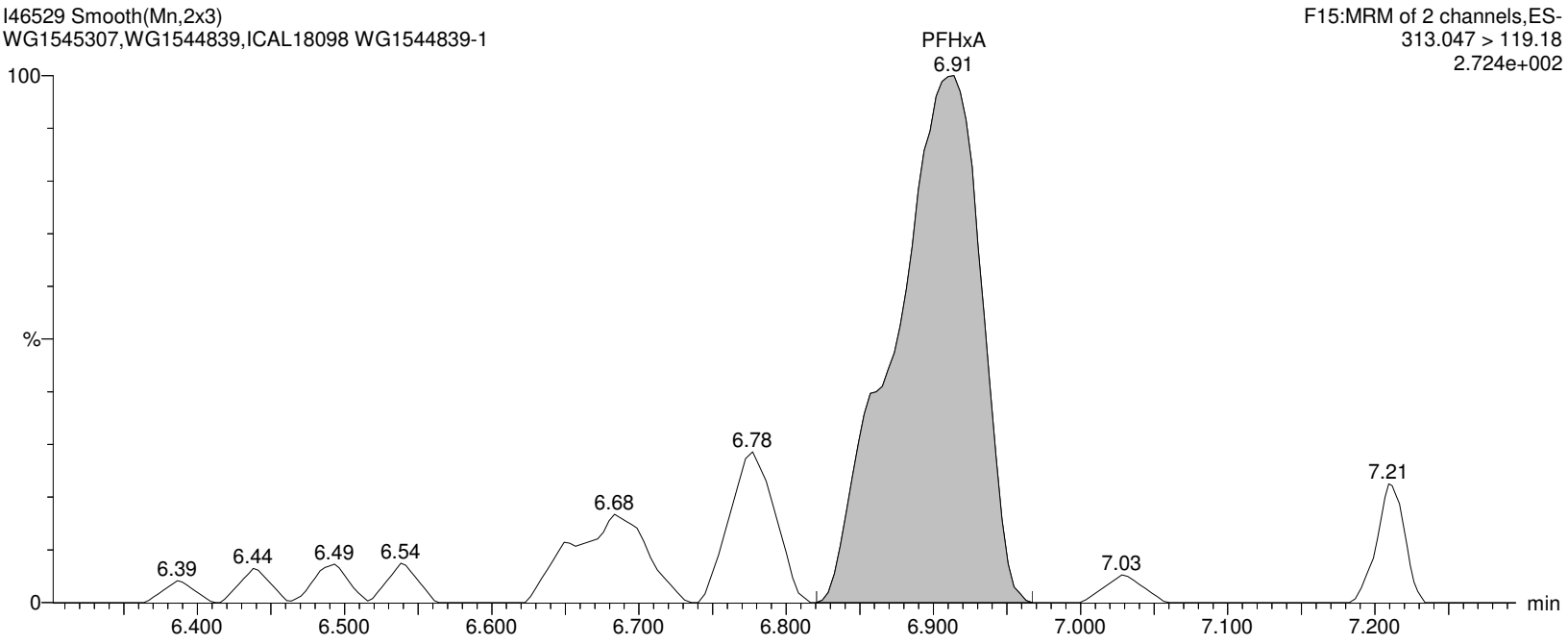
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxA



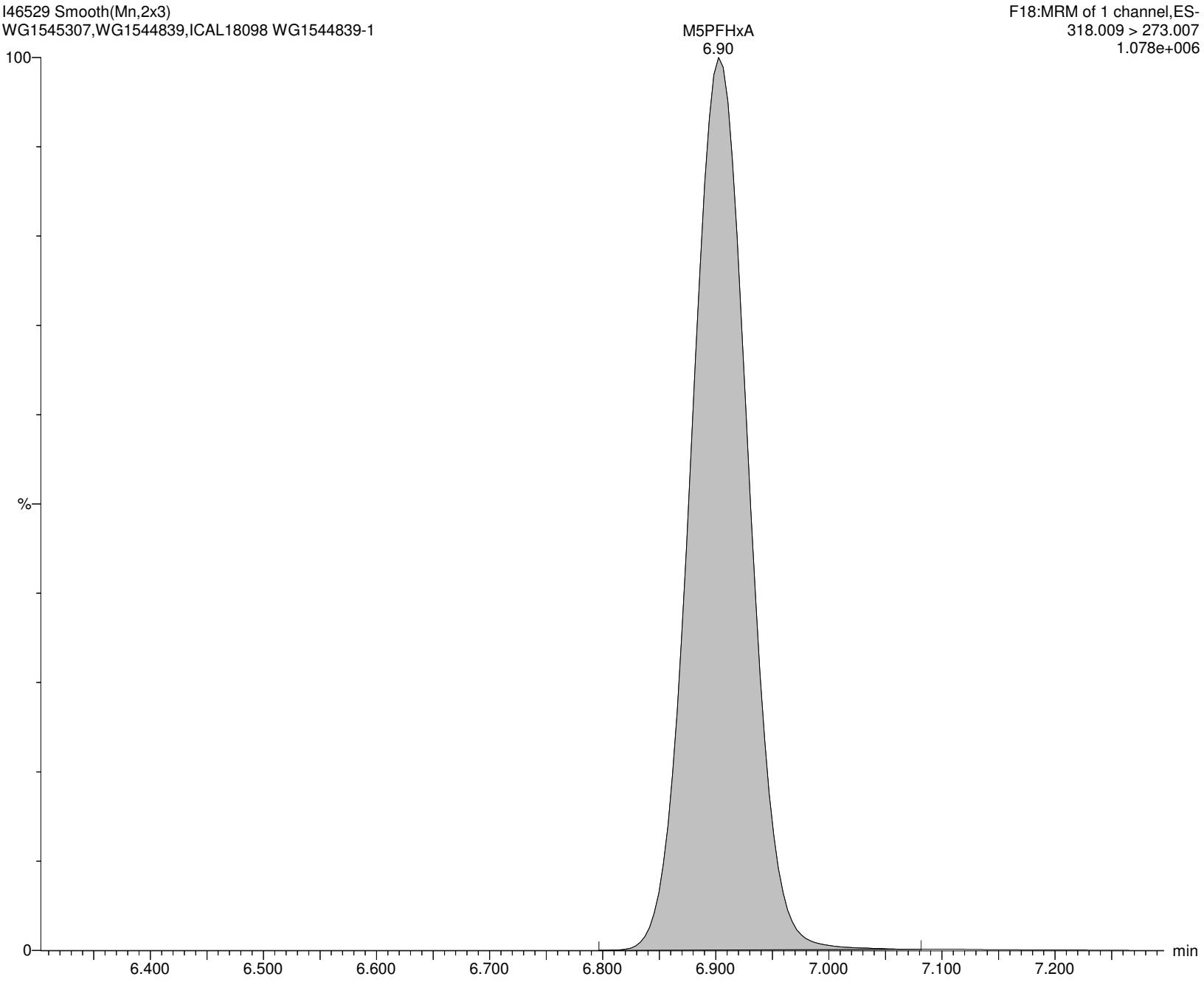


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFHxA

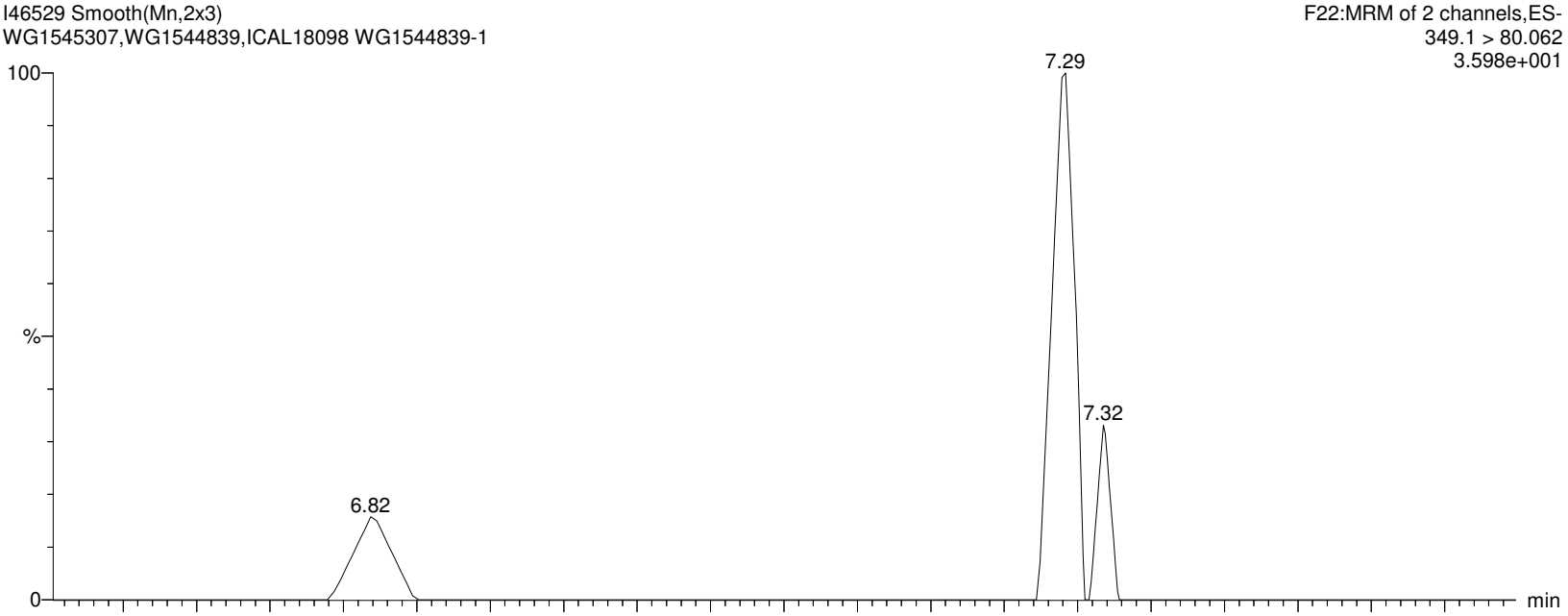


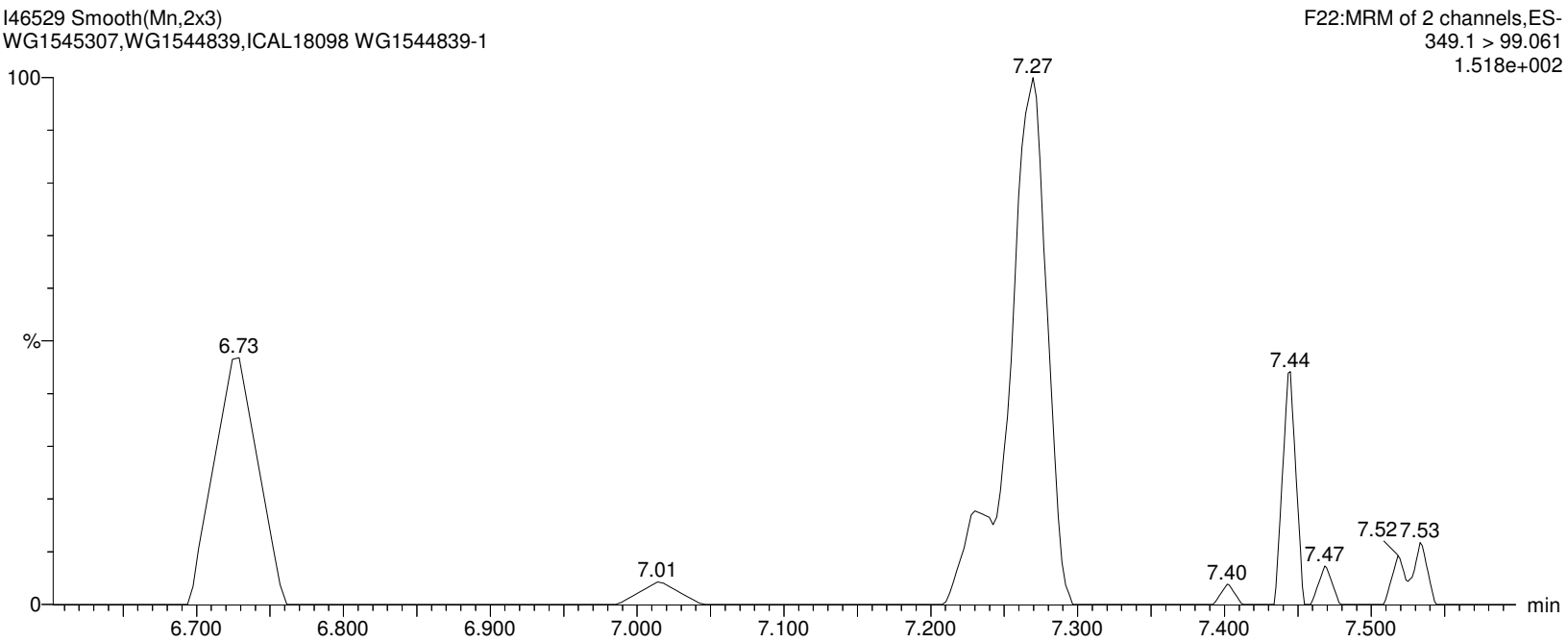
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeS



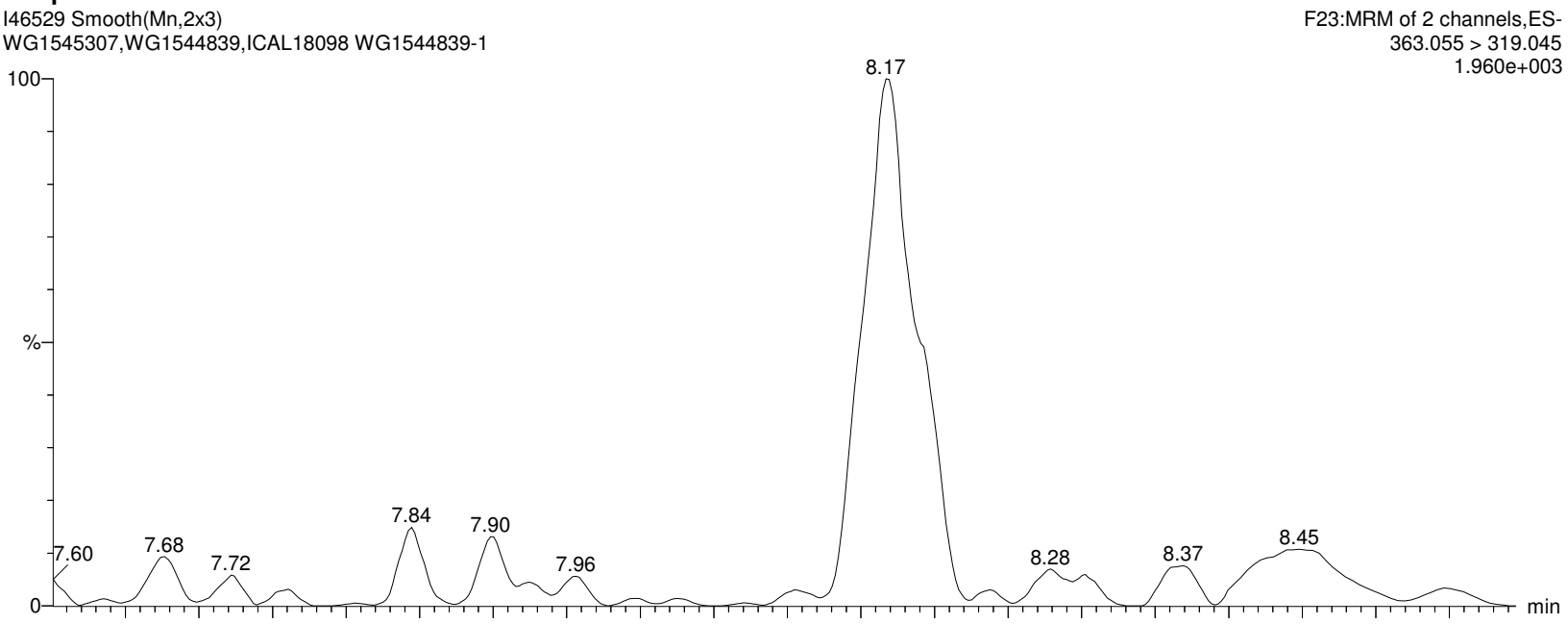


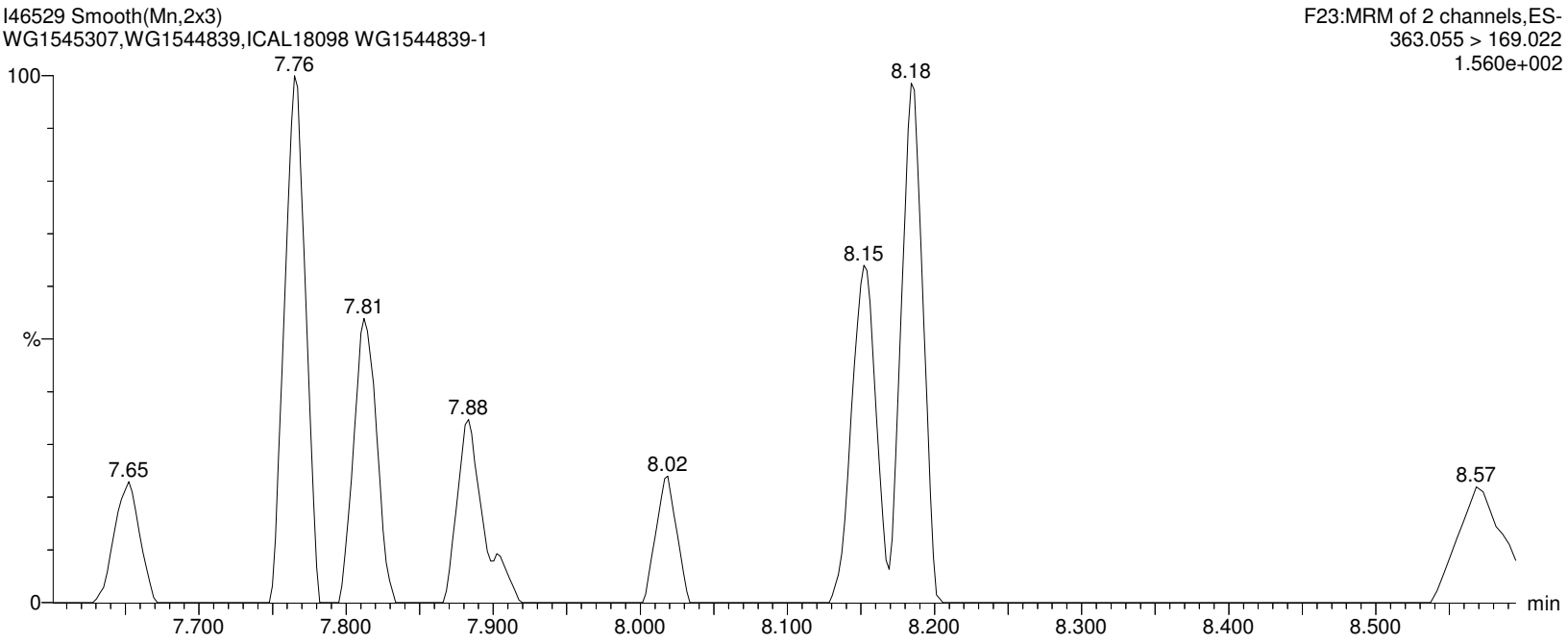
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpA



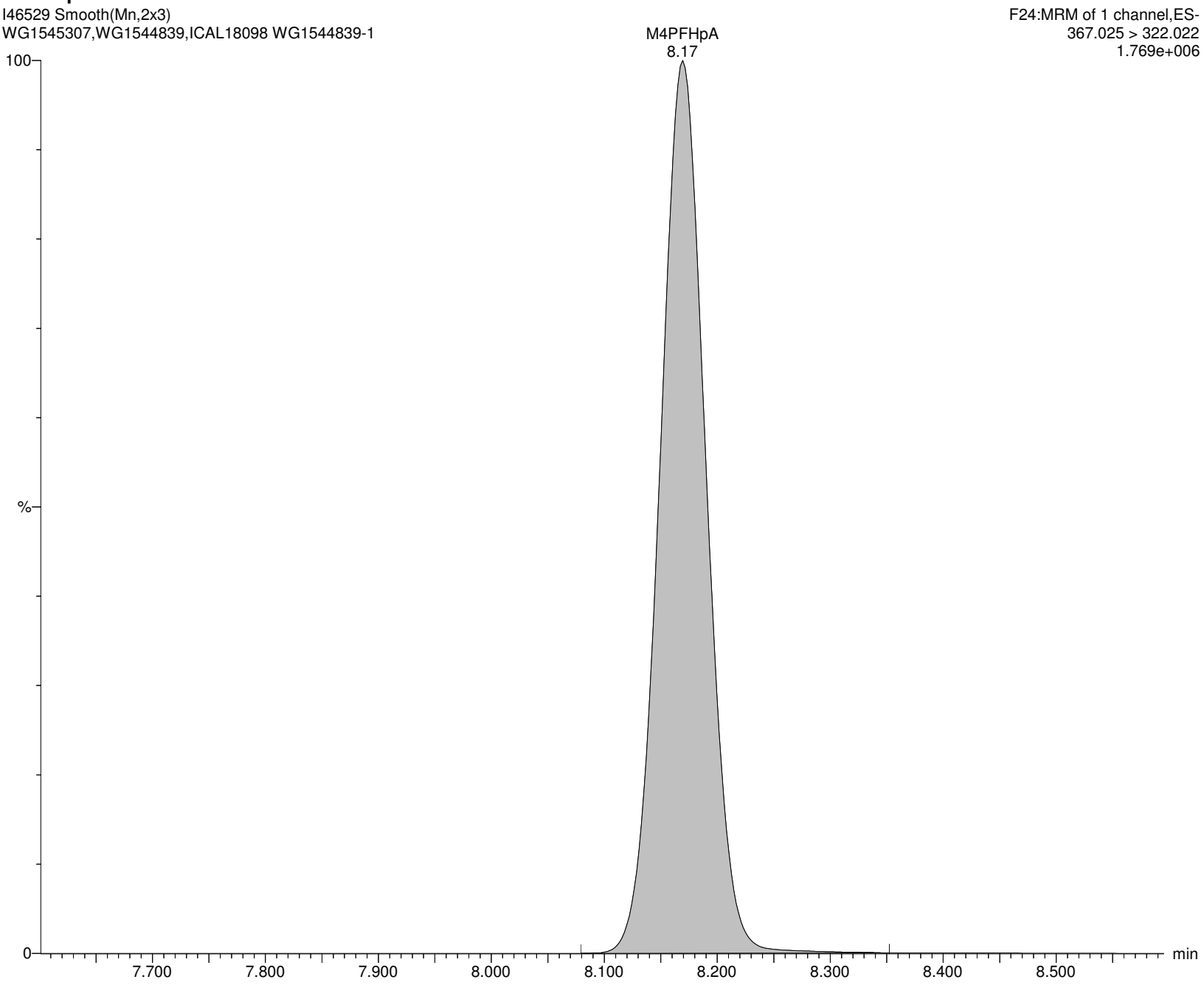


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFHpA

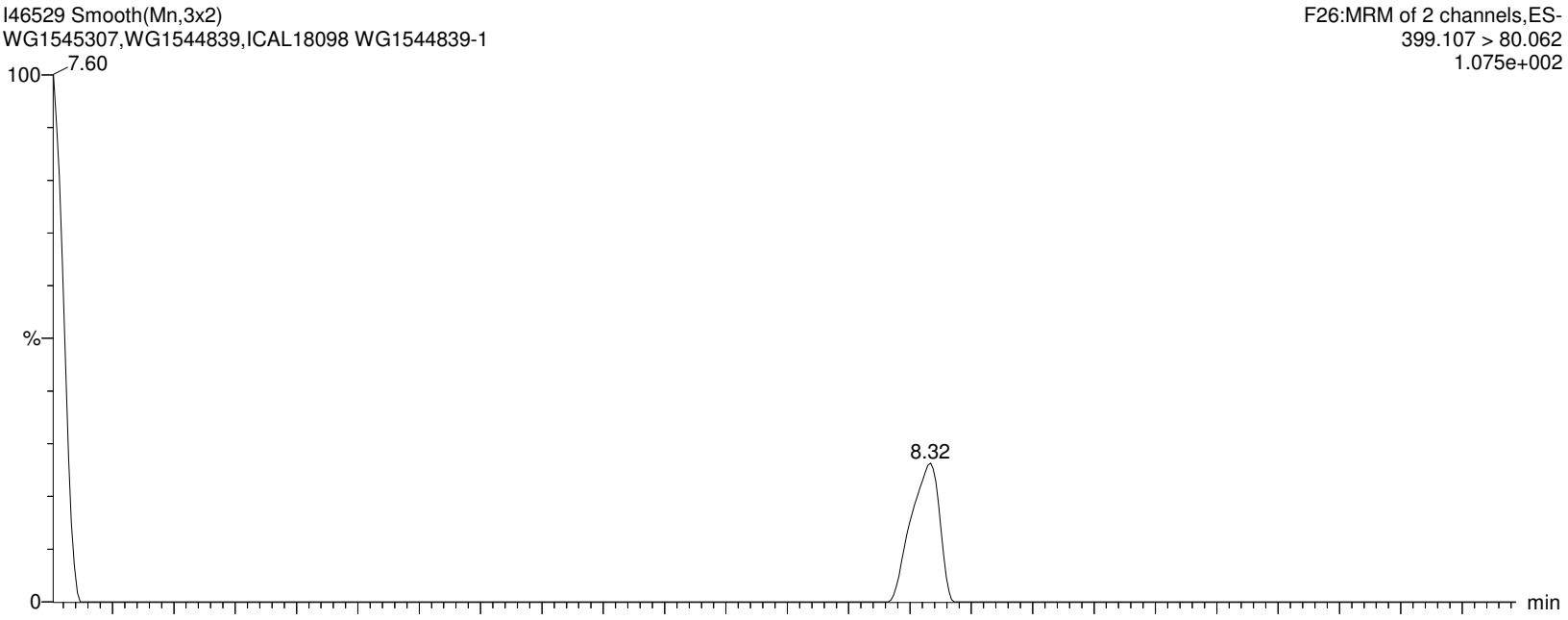


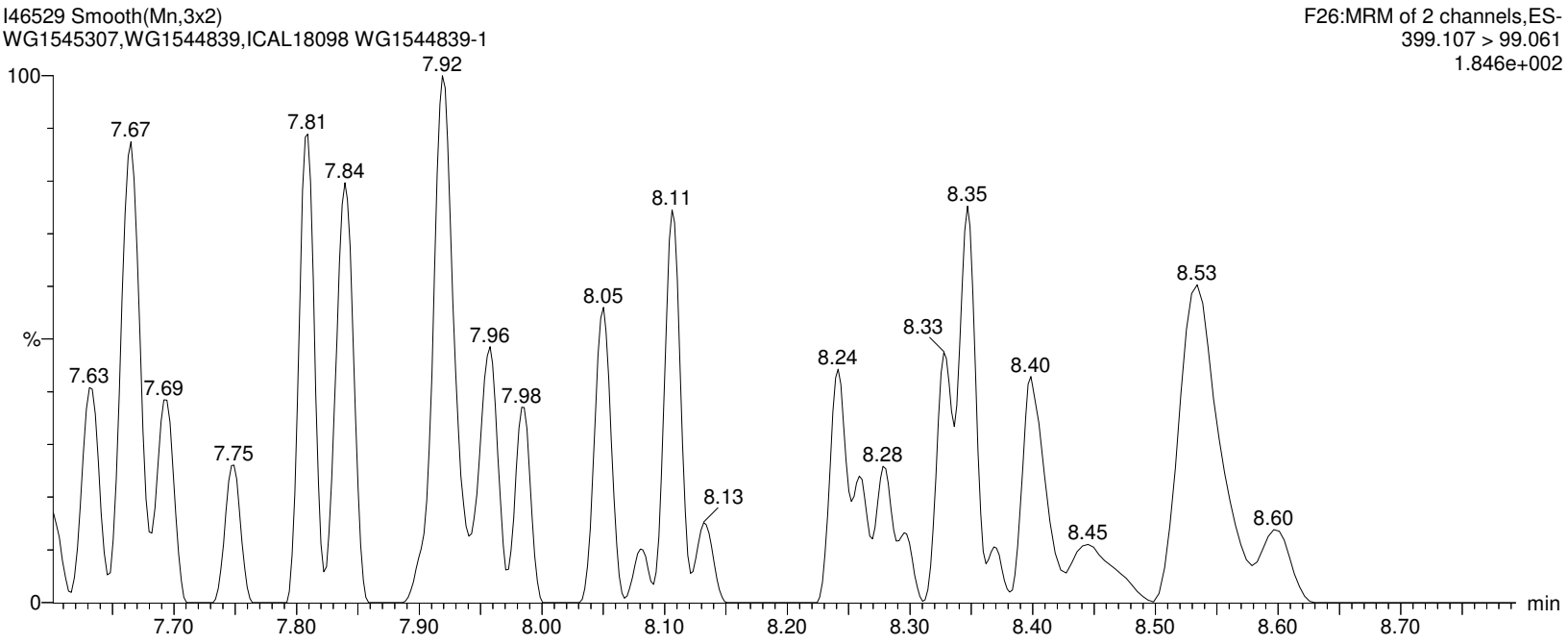
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFHxS



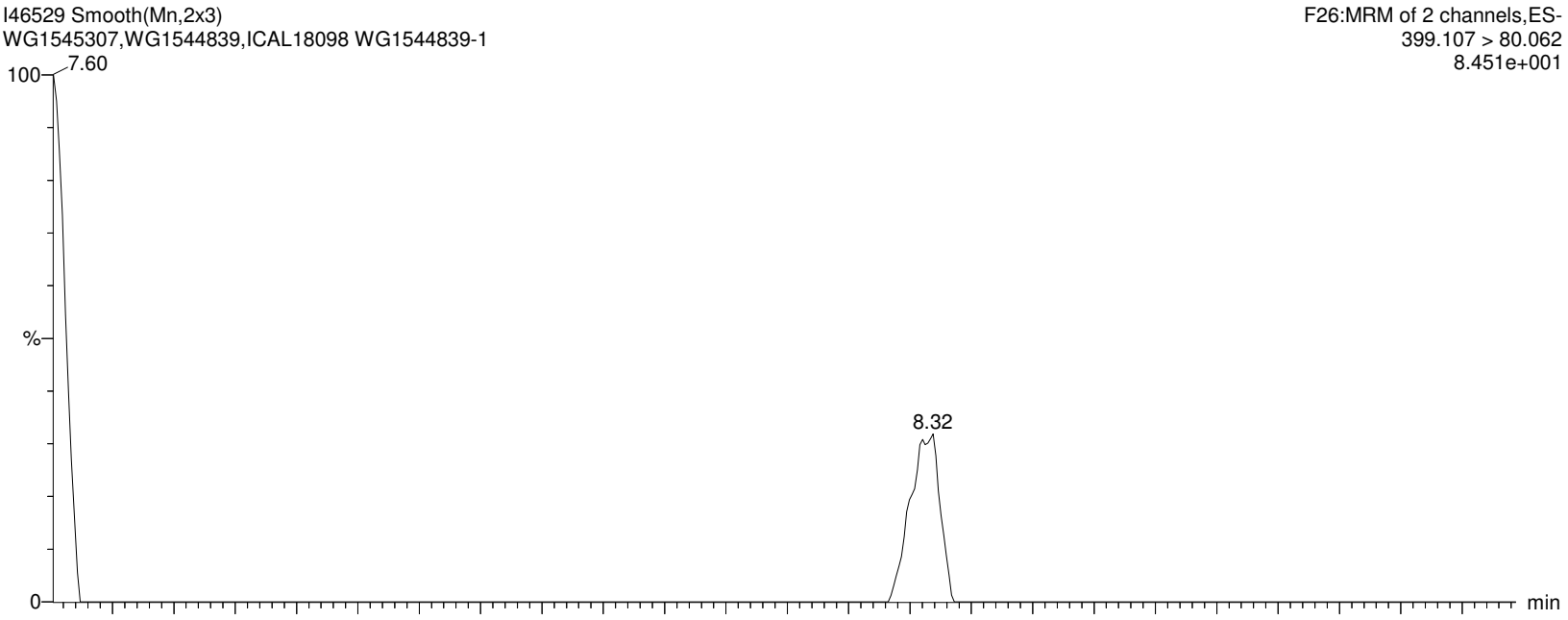


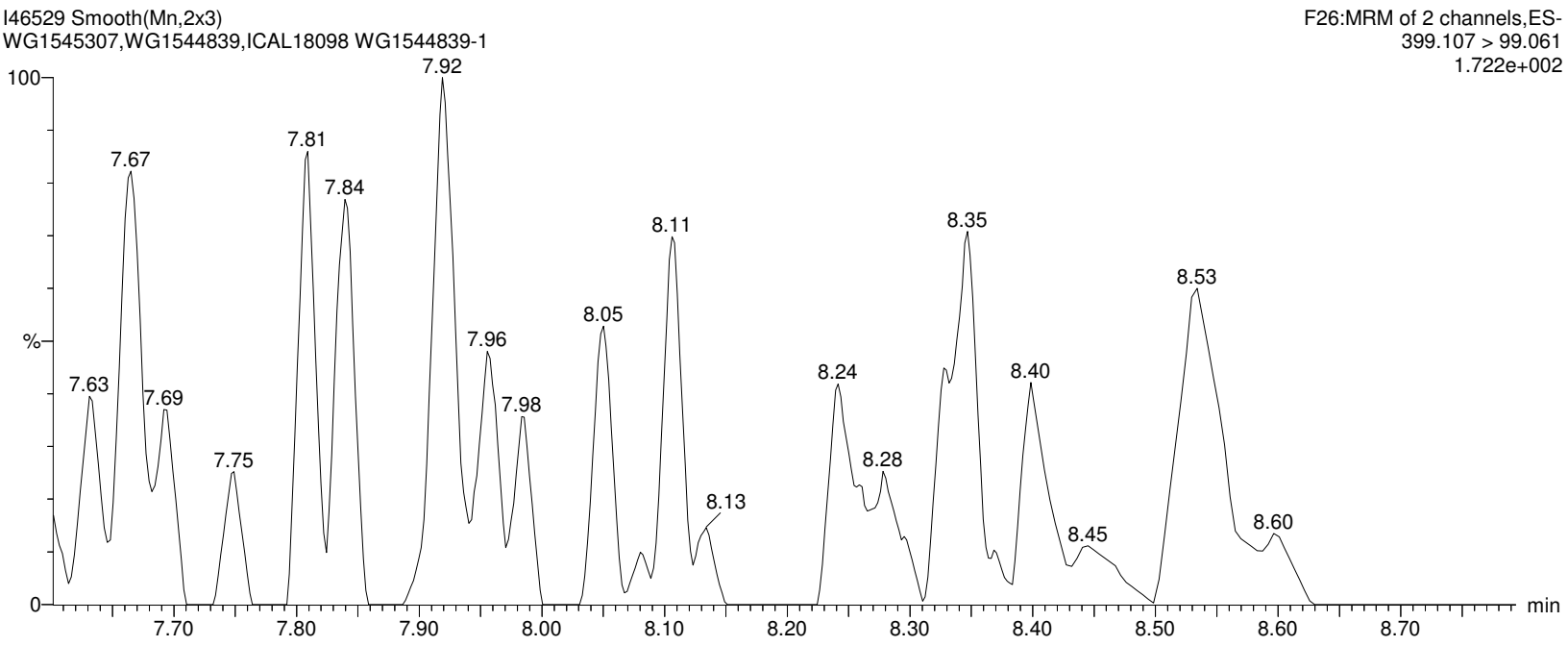
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFHxS



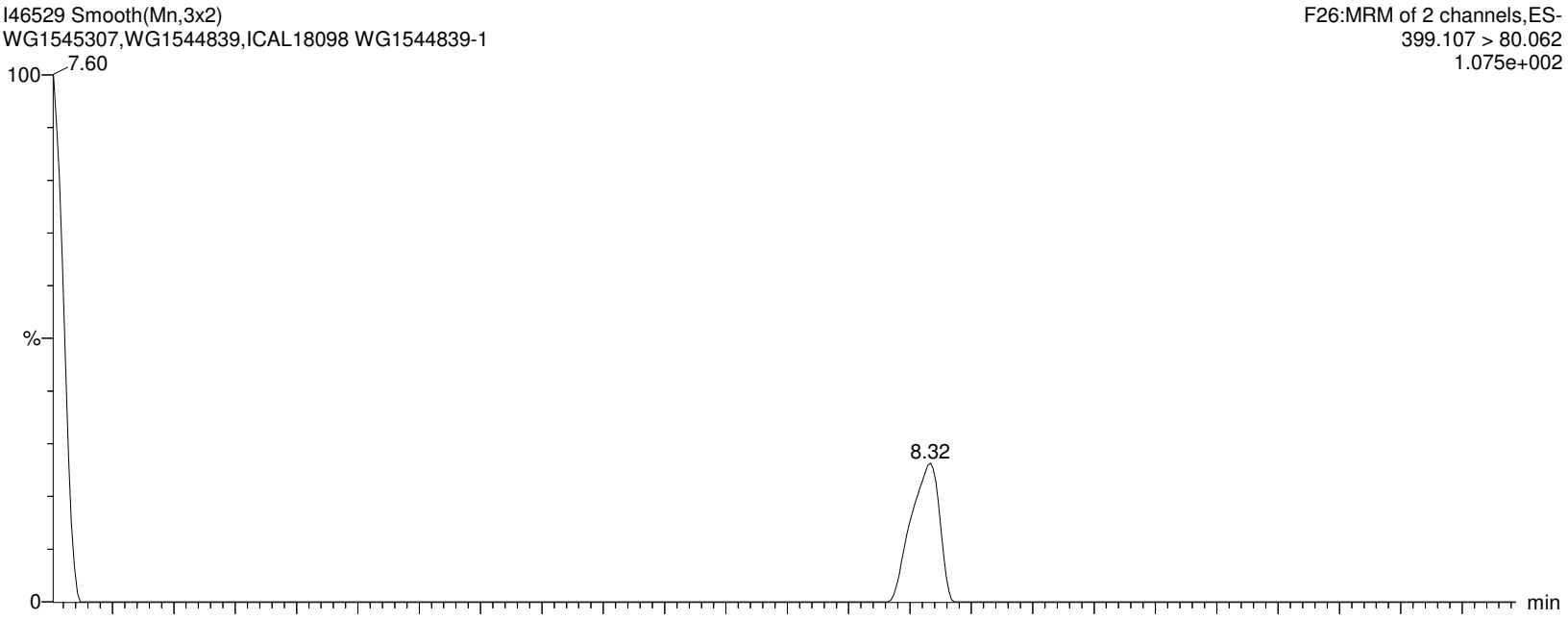


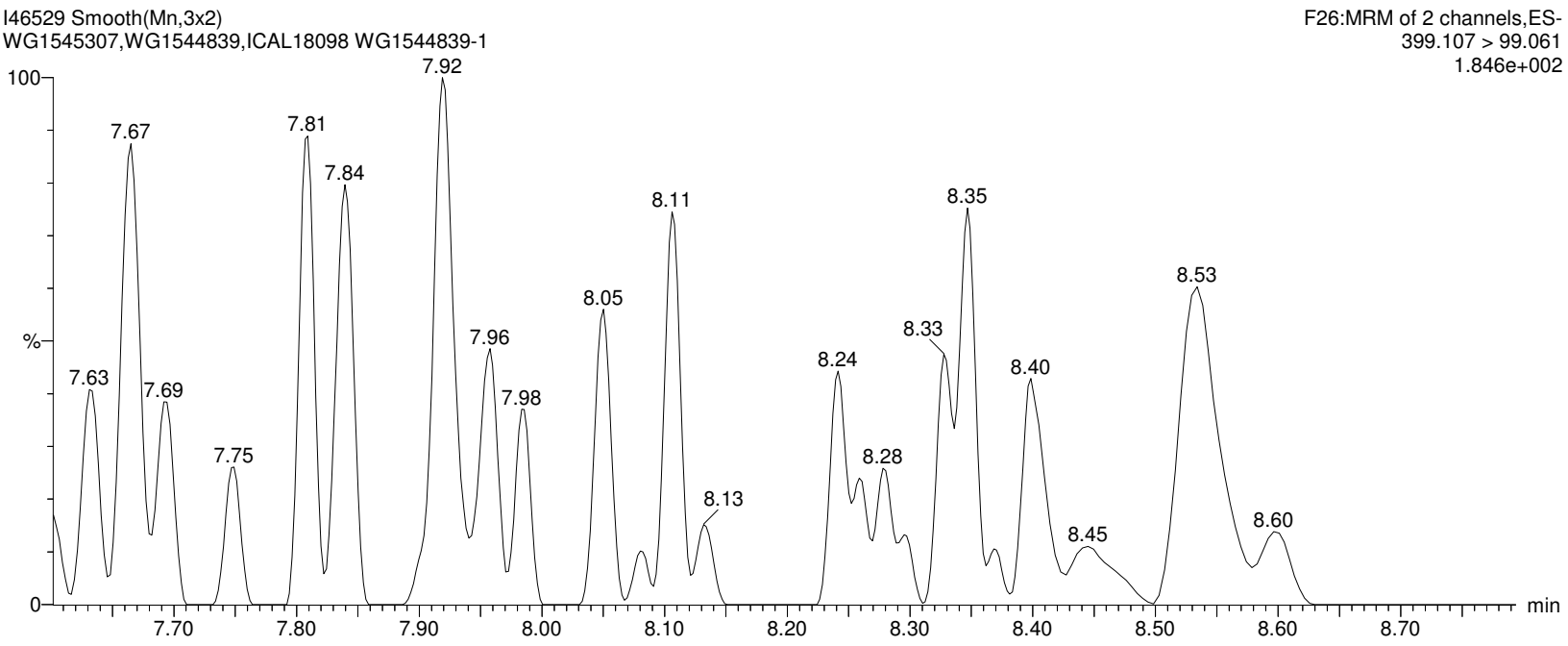
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxS



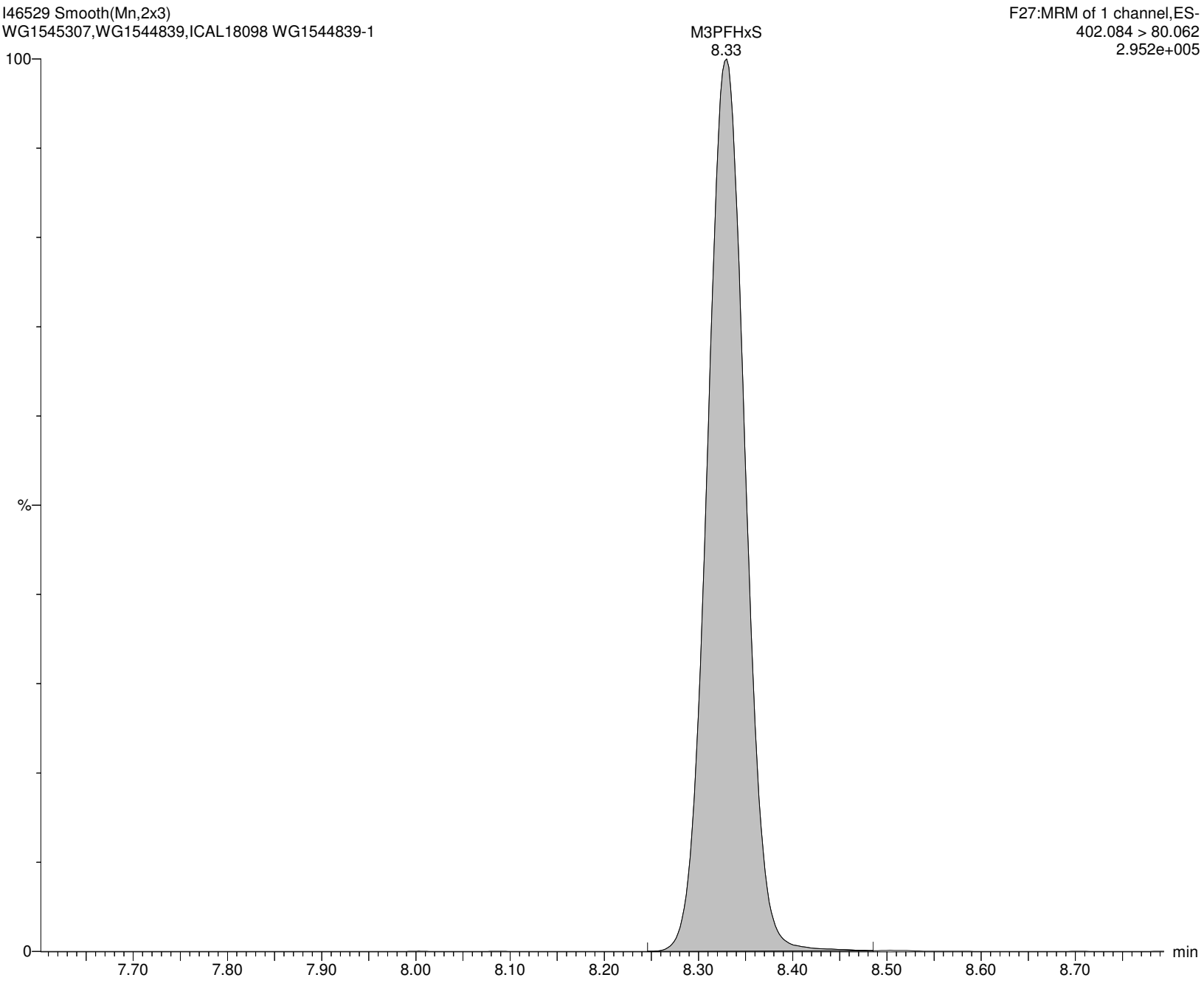


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFHxS

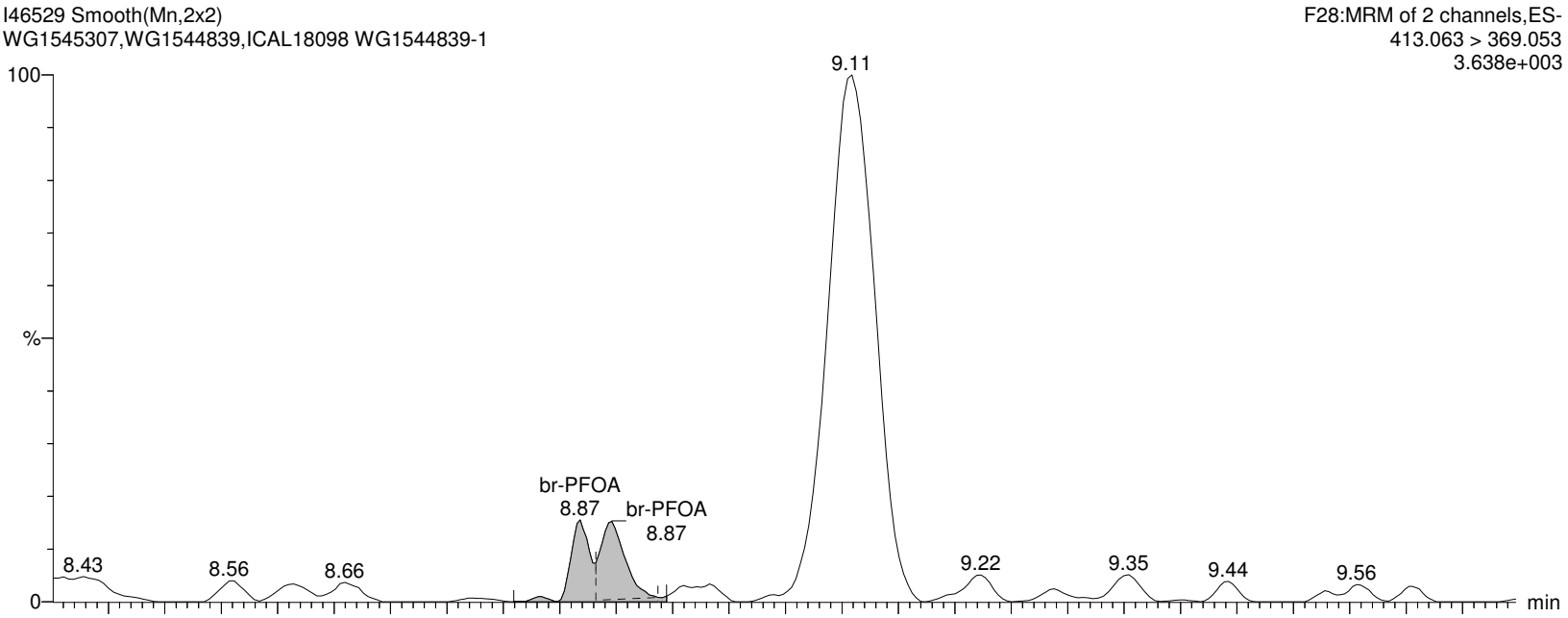


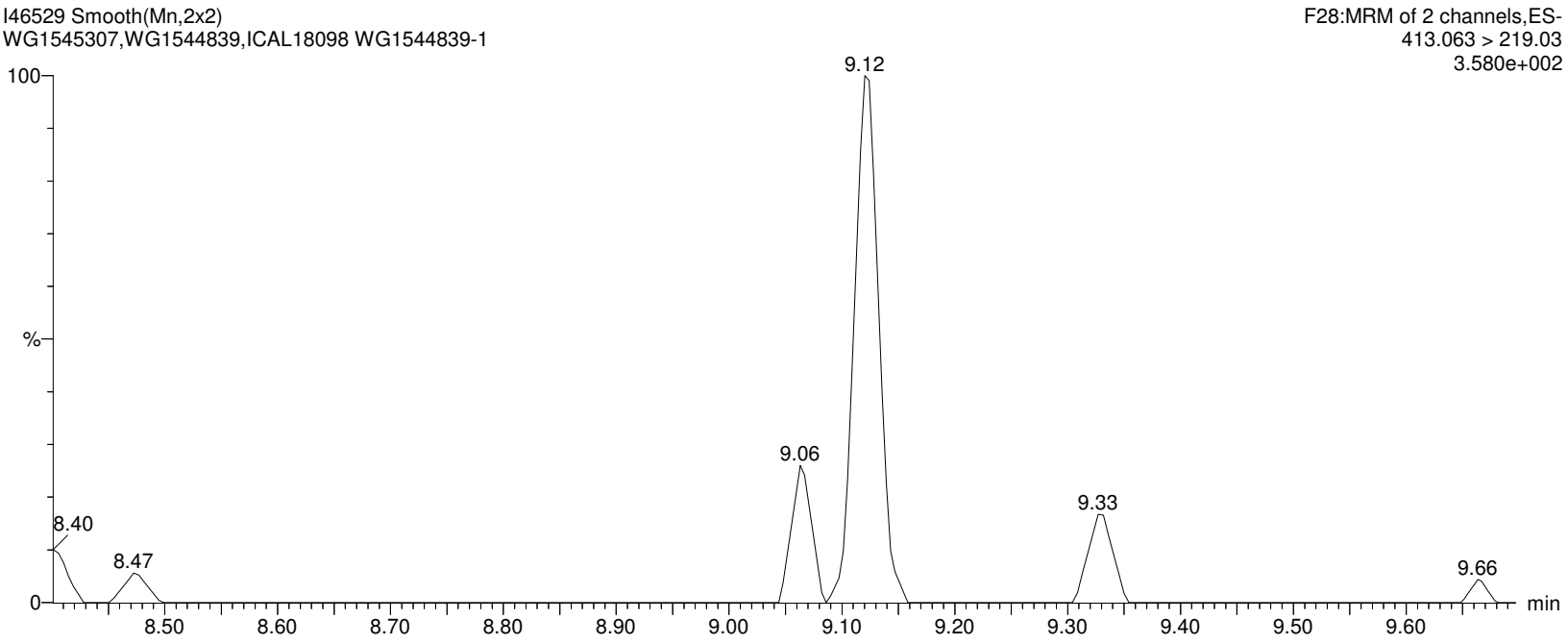
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOA



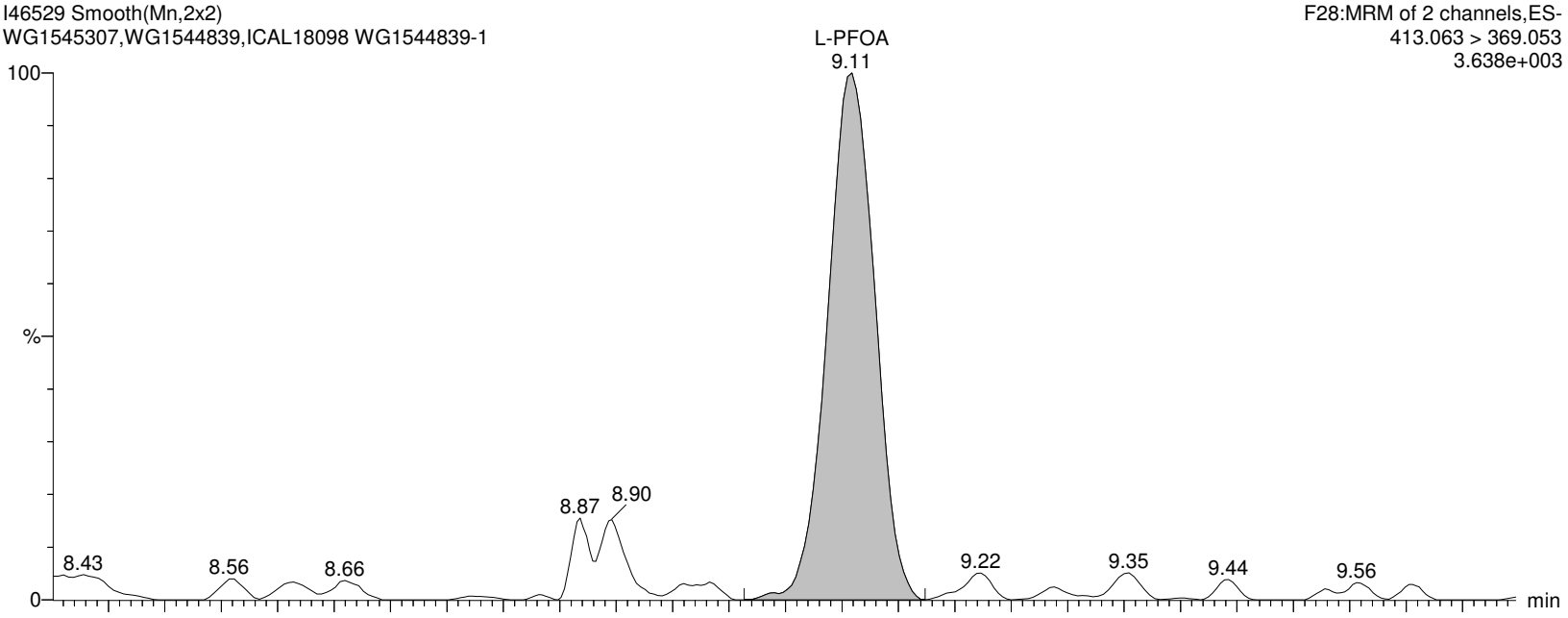


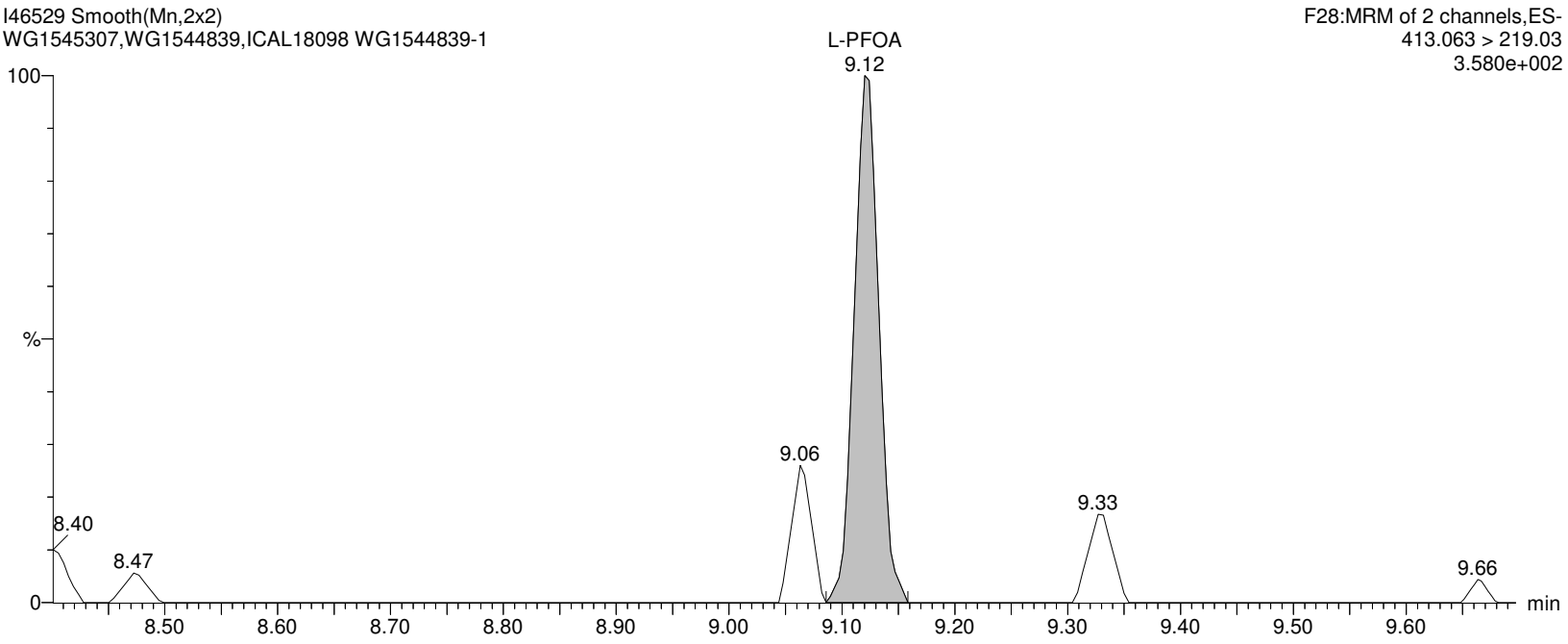
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOA



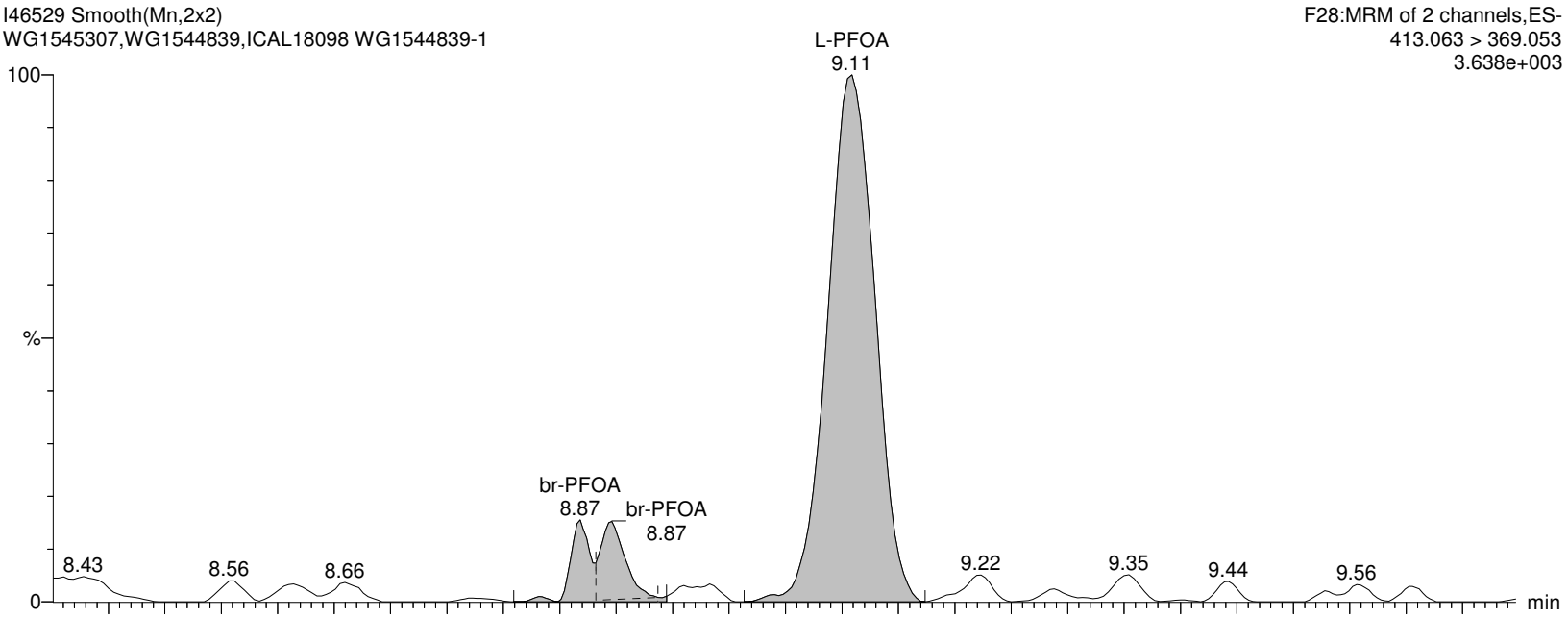


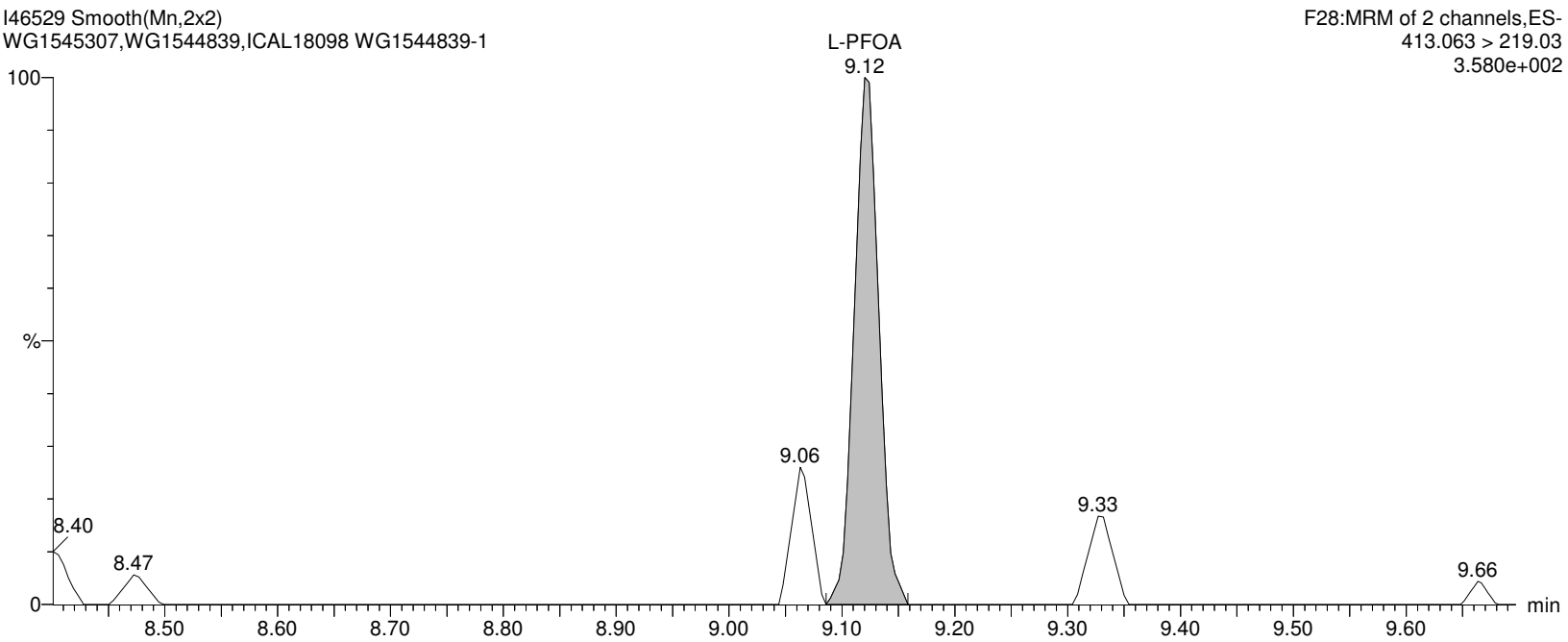
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOA



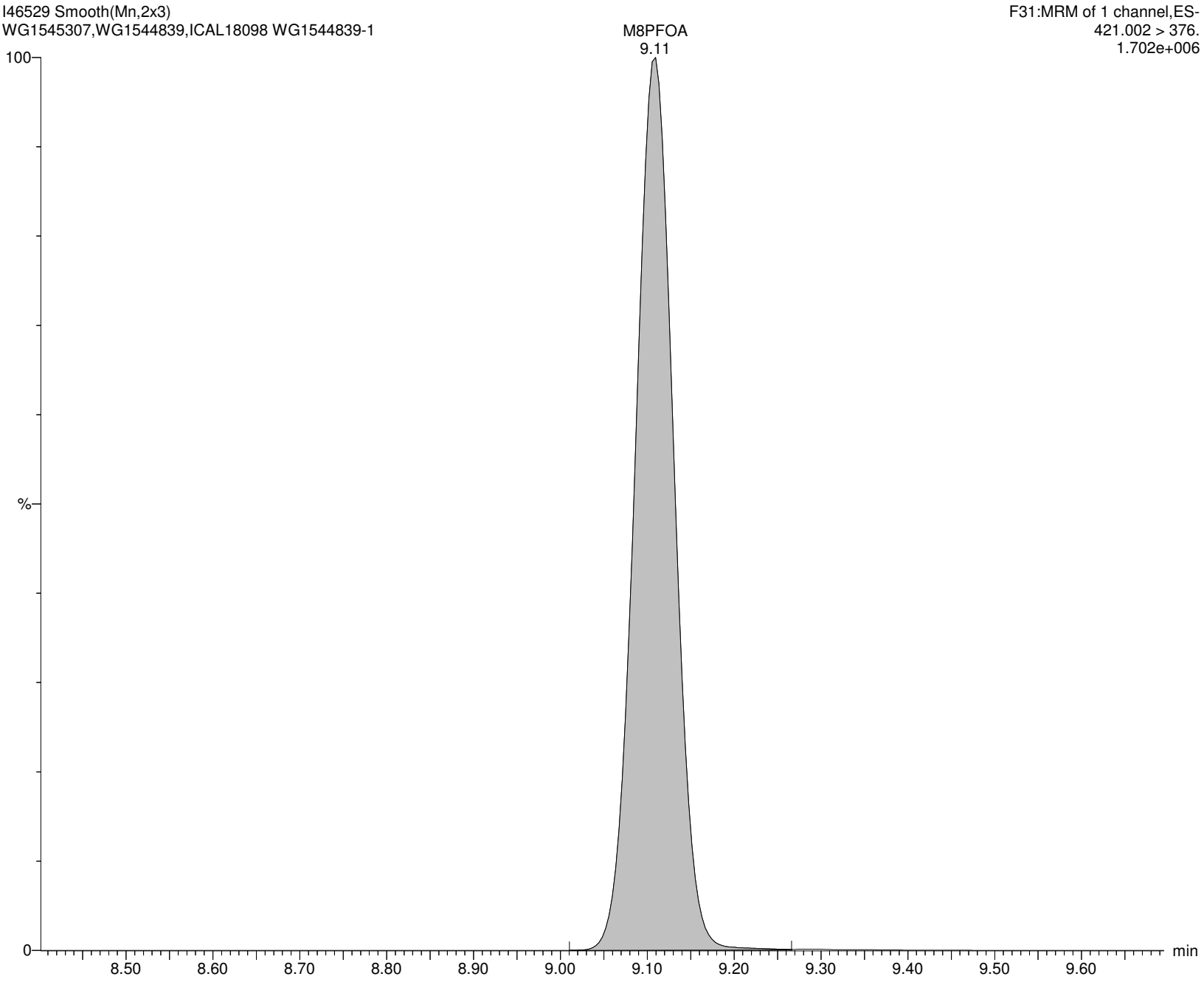


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOA

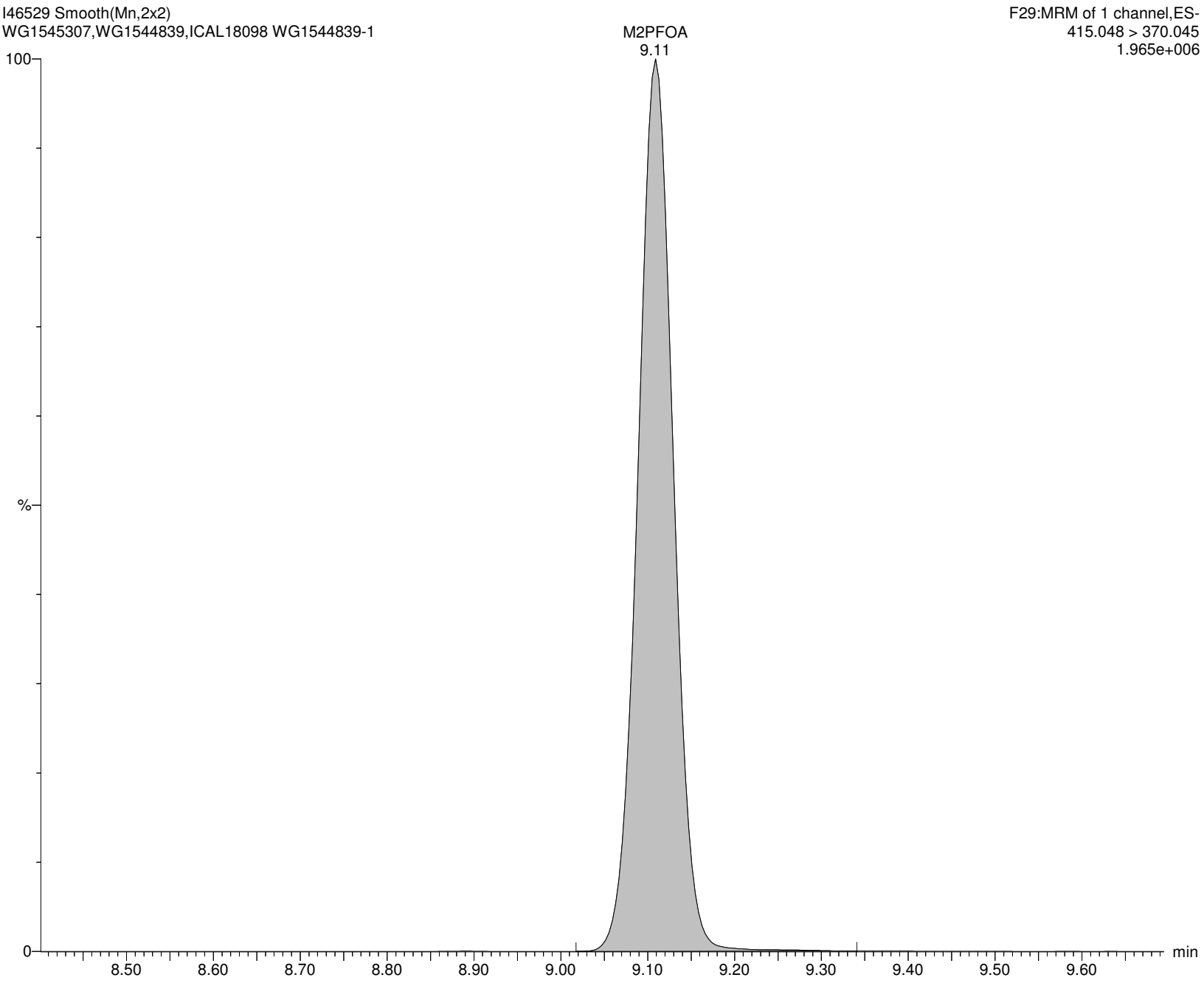


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFOA

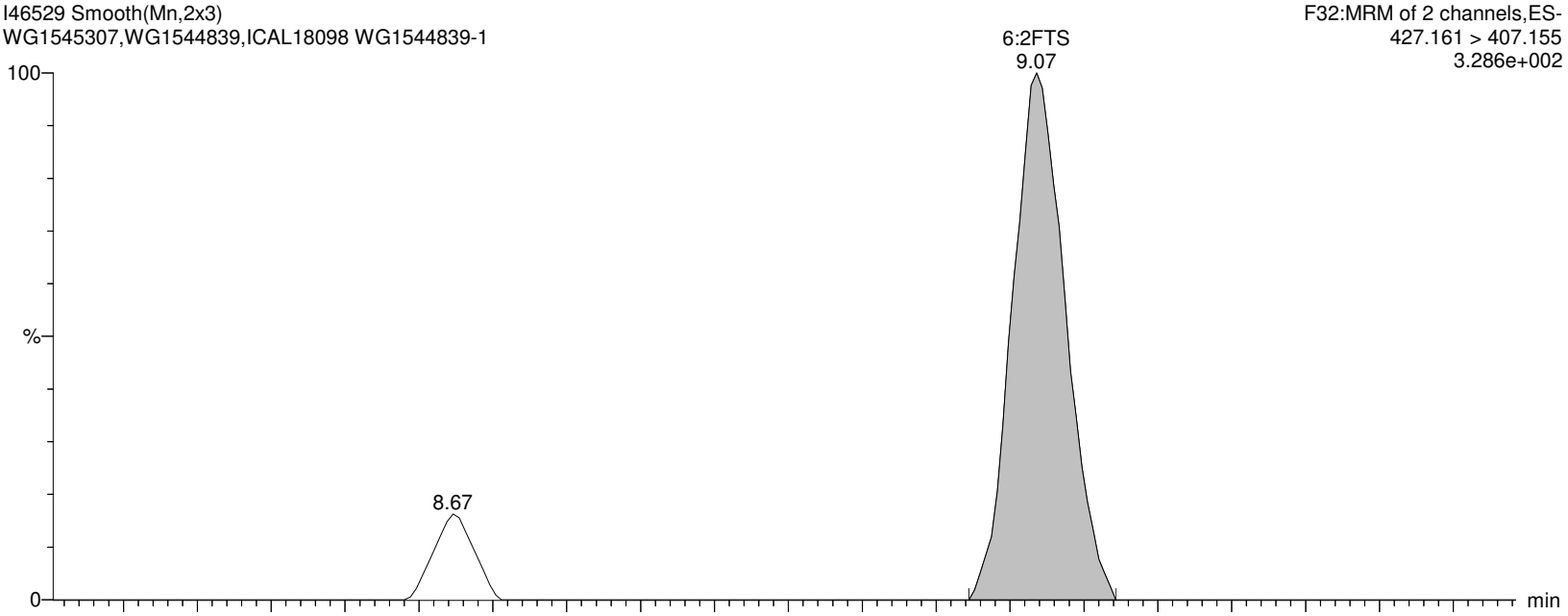


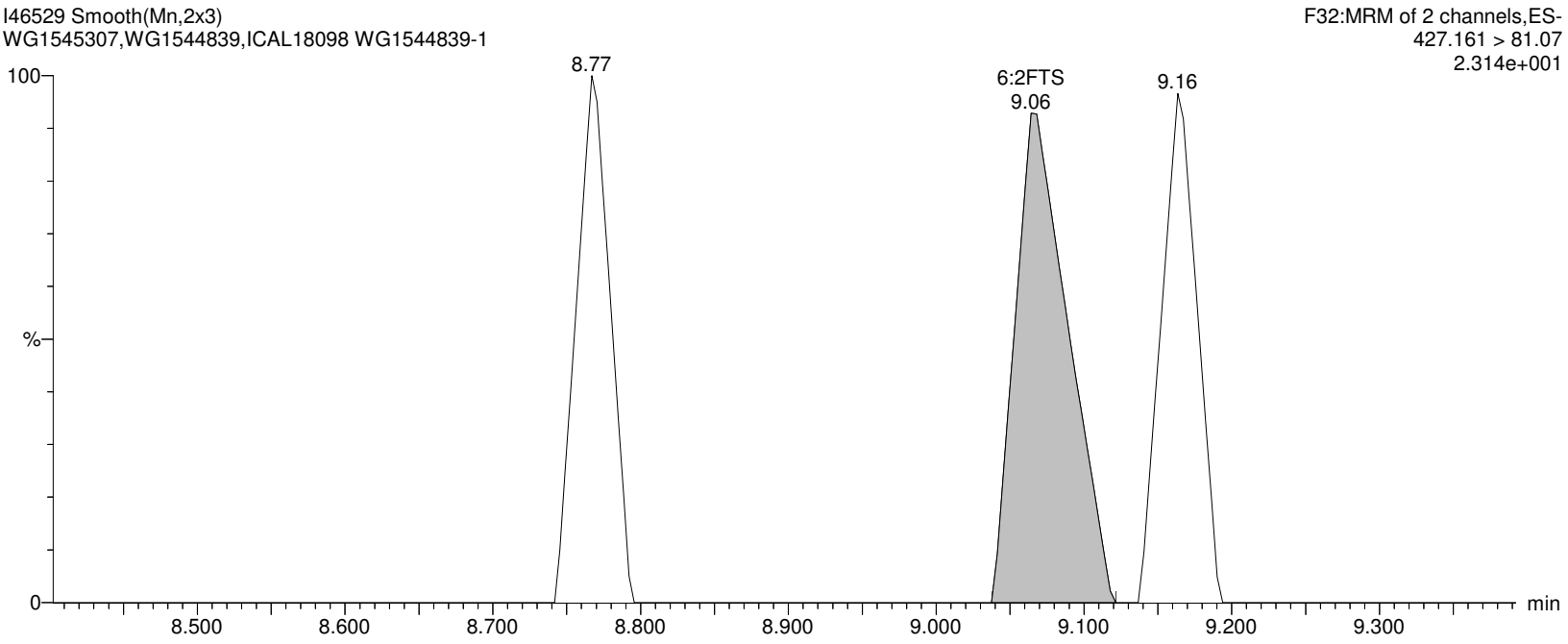
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

6:2FTS



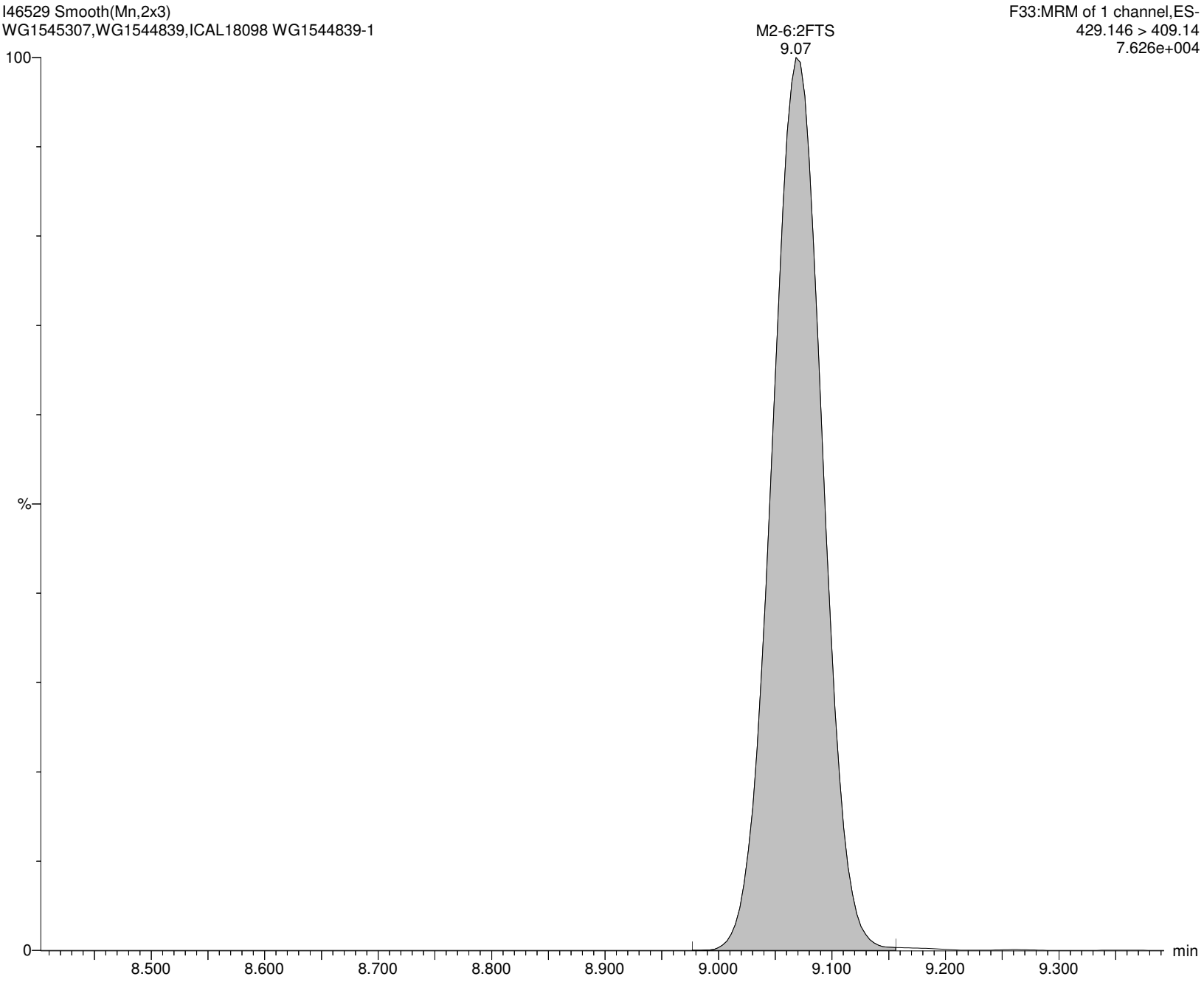


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-6:2FTS

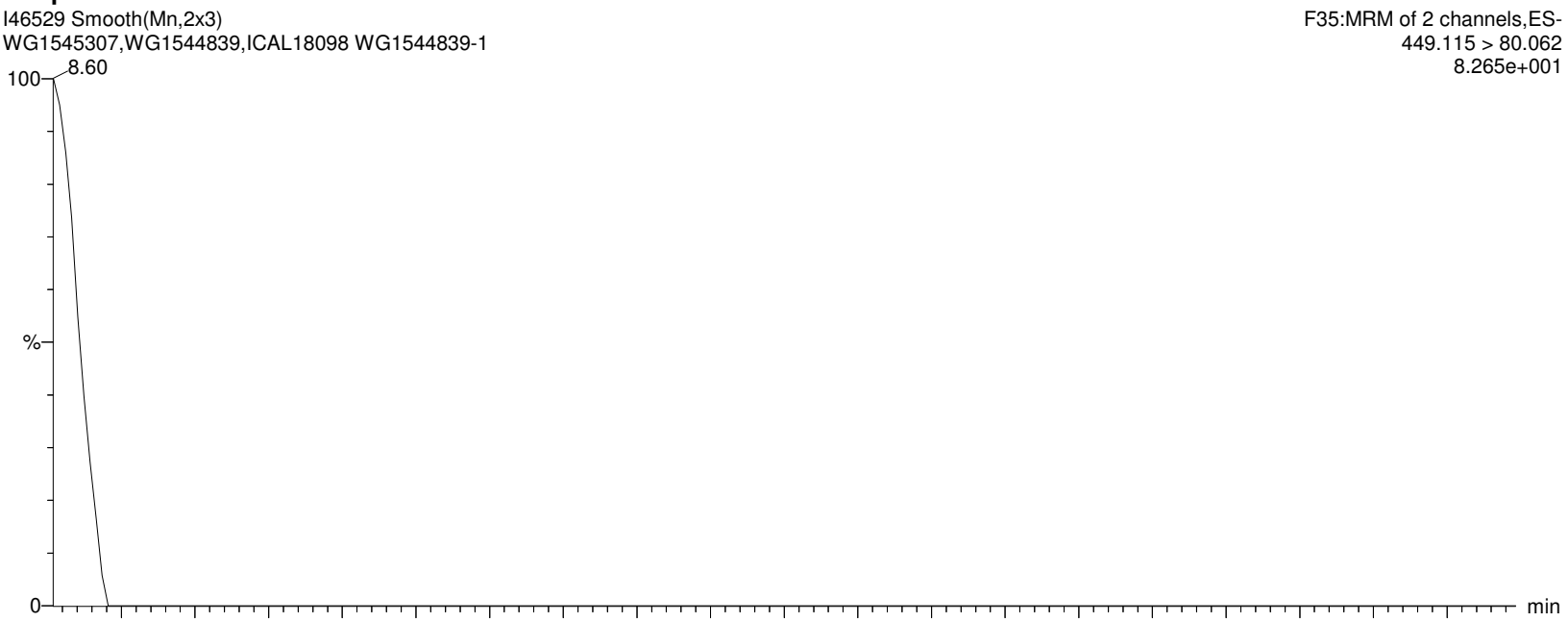


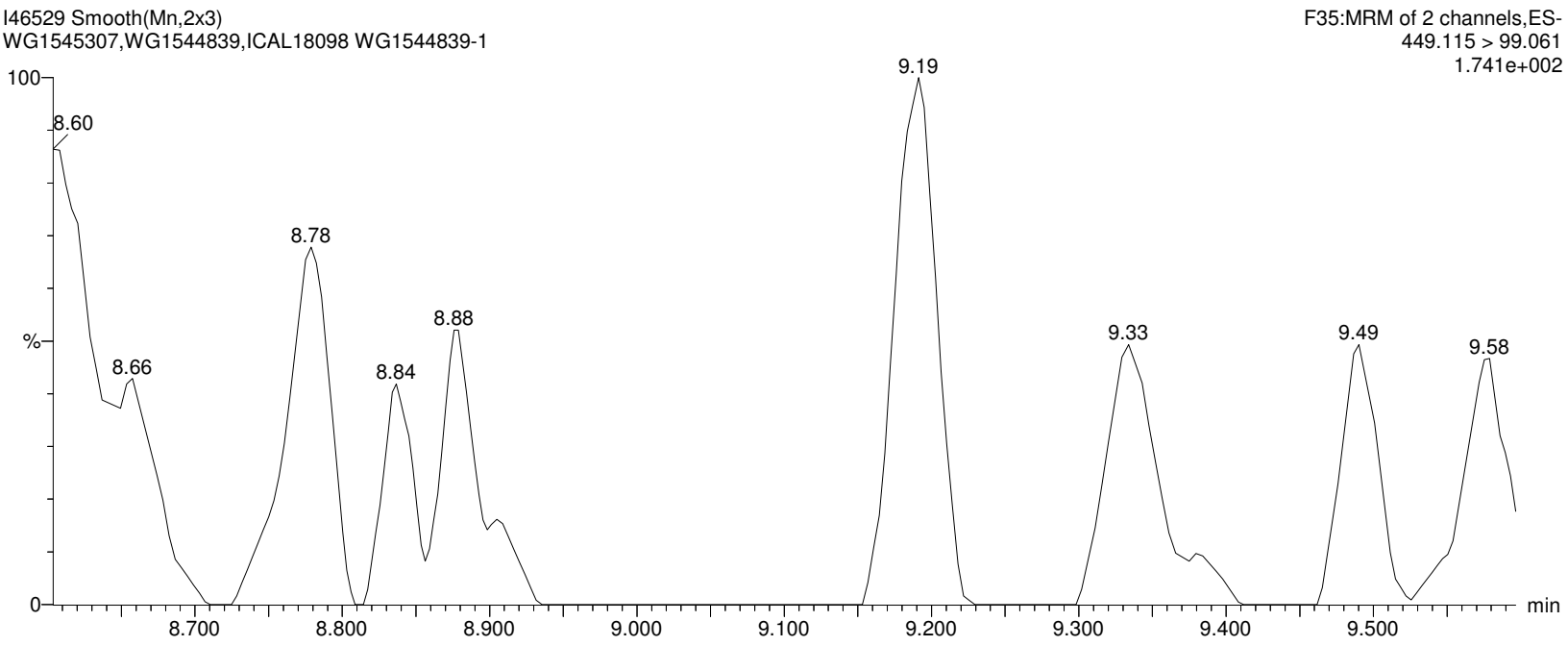
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpS



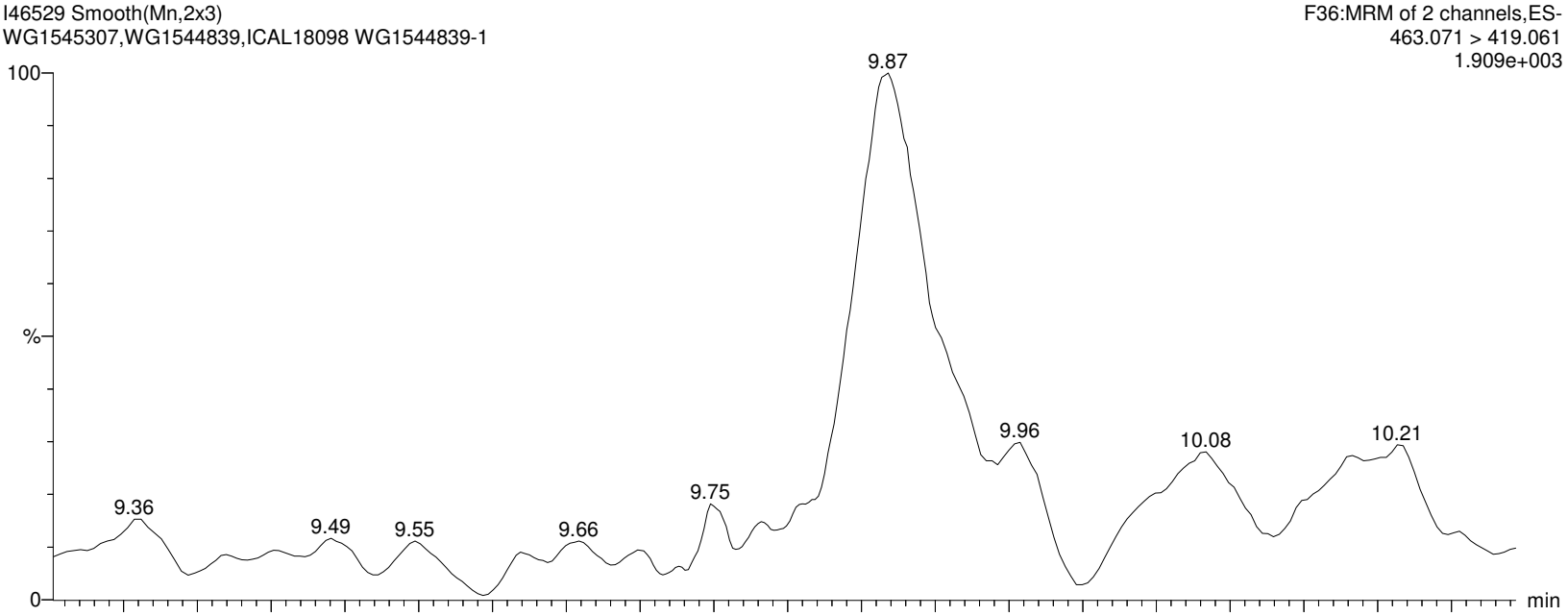


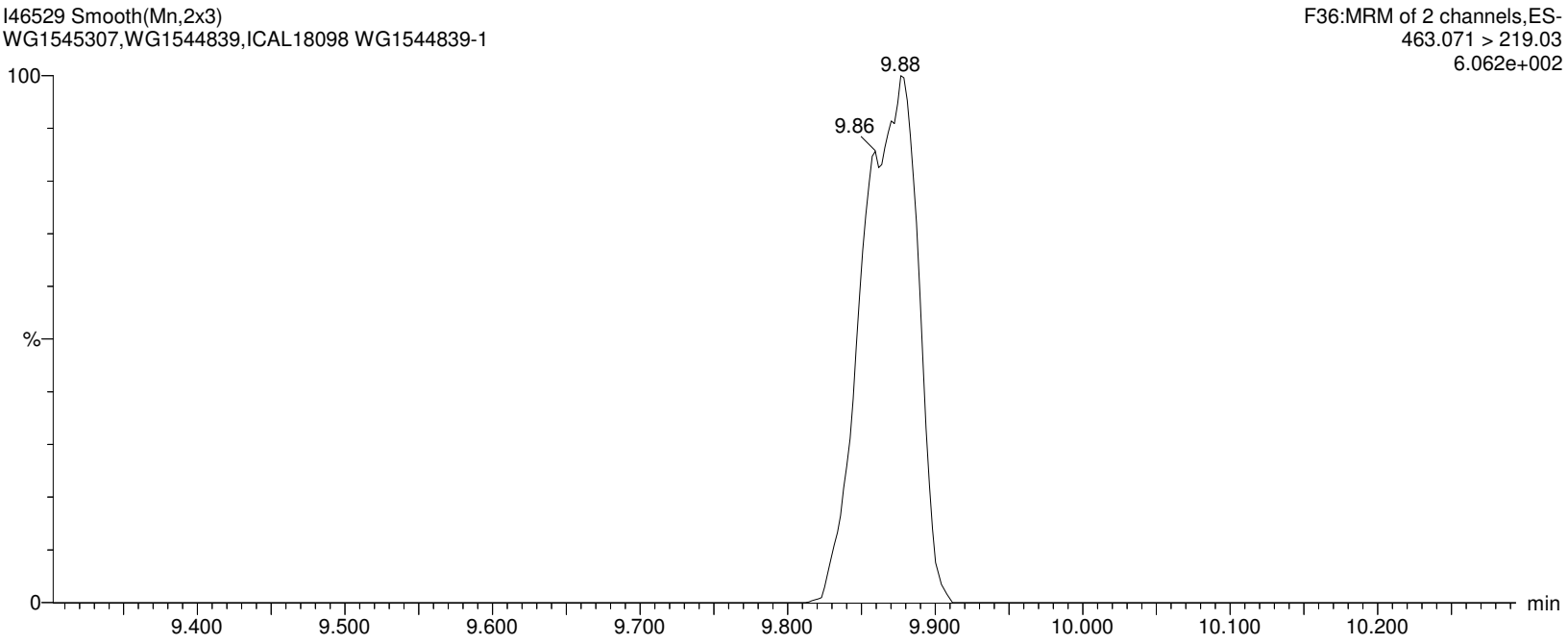
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNA



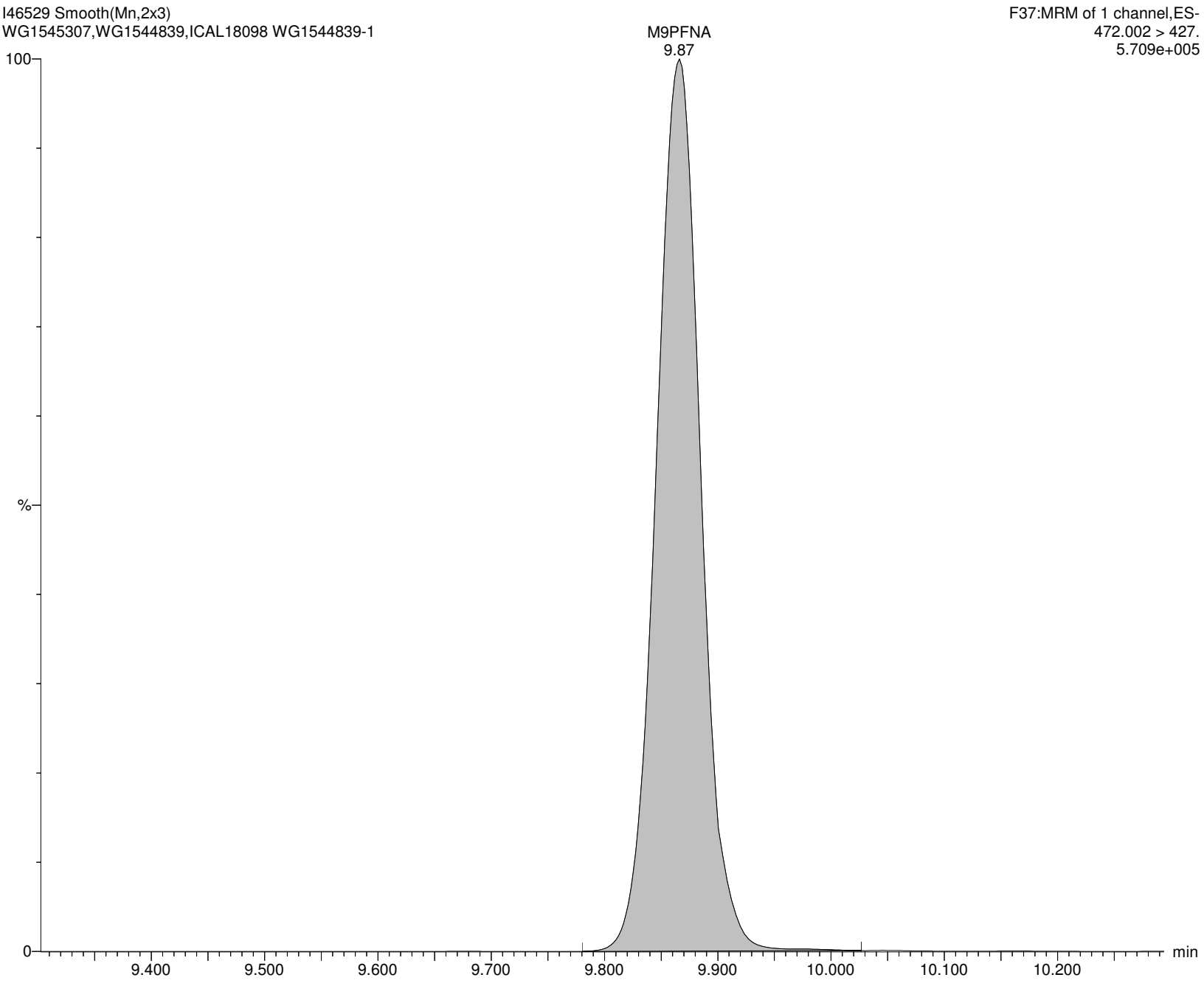


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M9PFNA

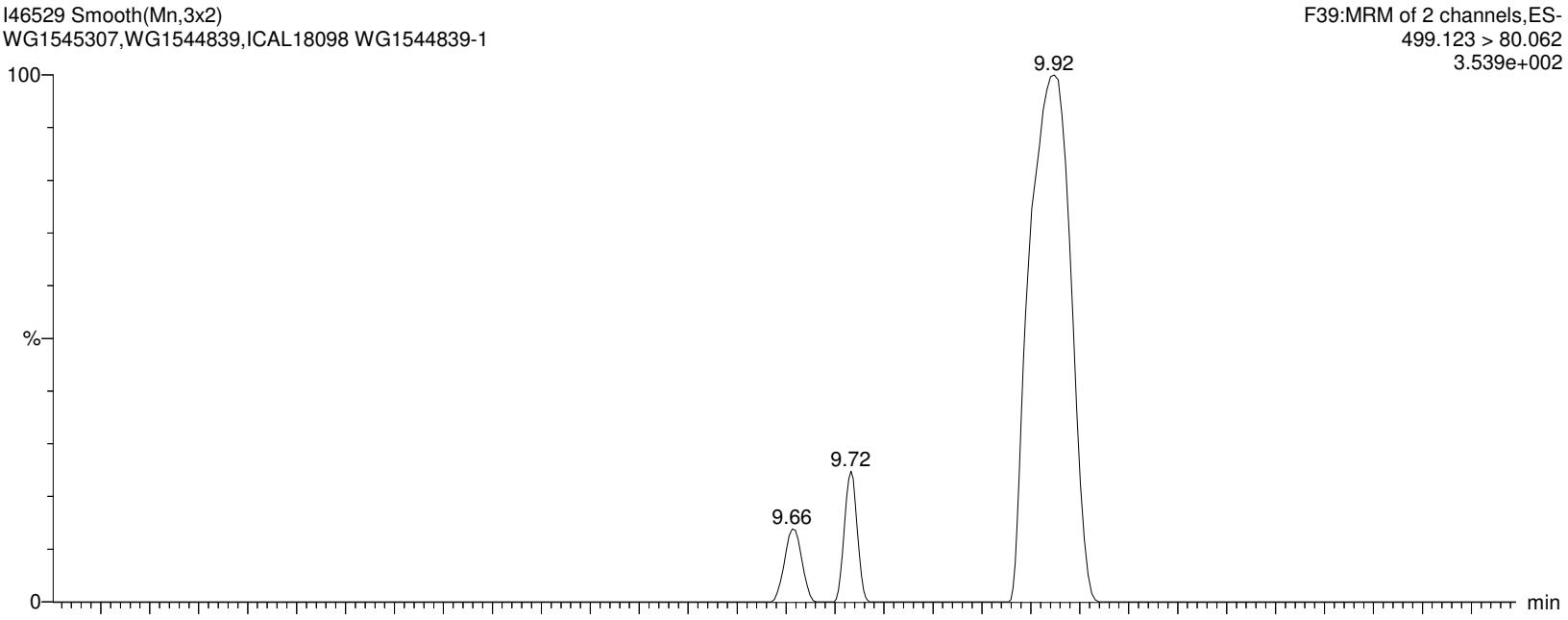


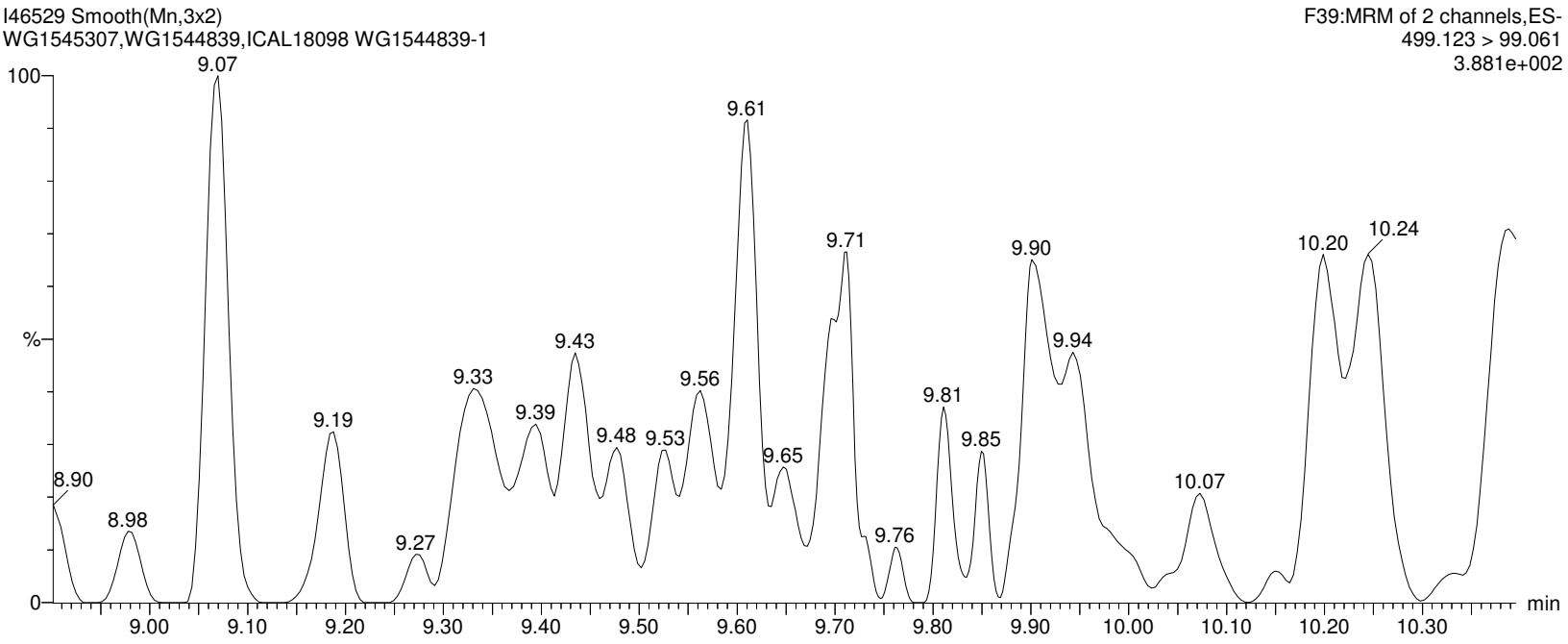
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOS



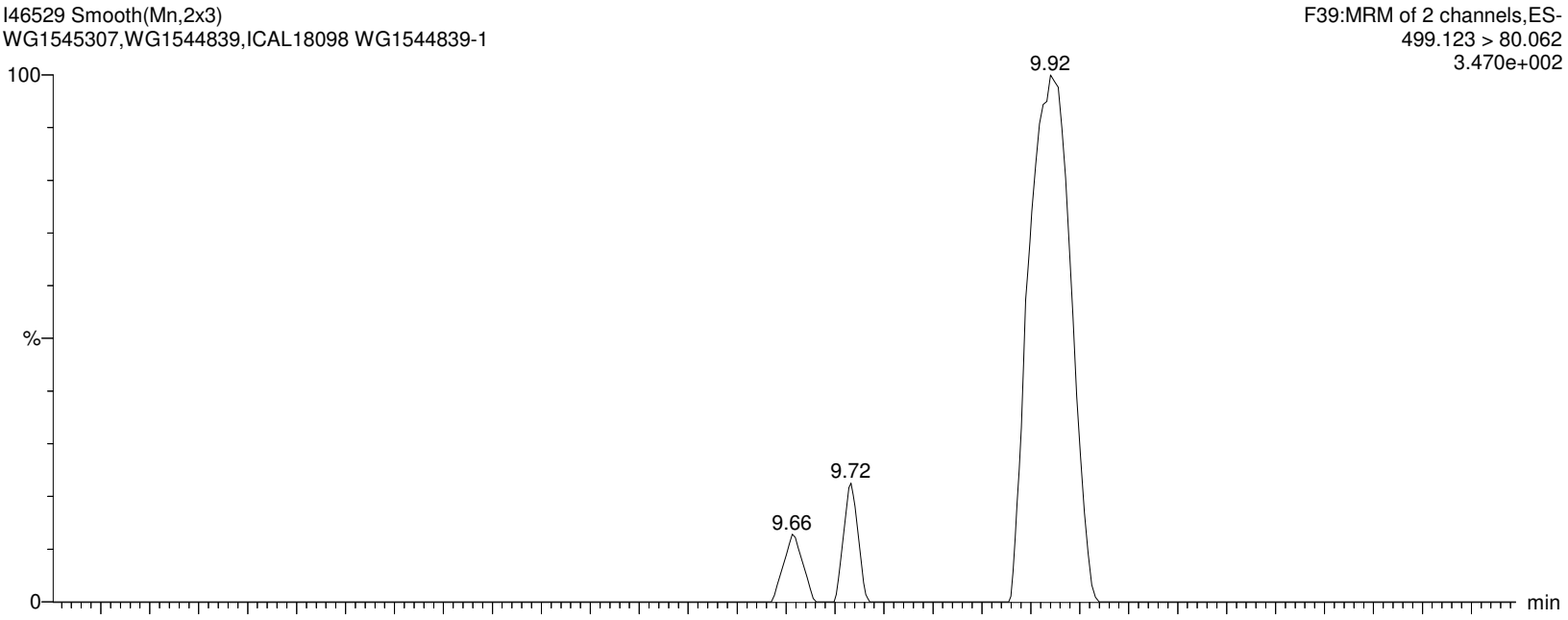


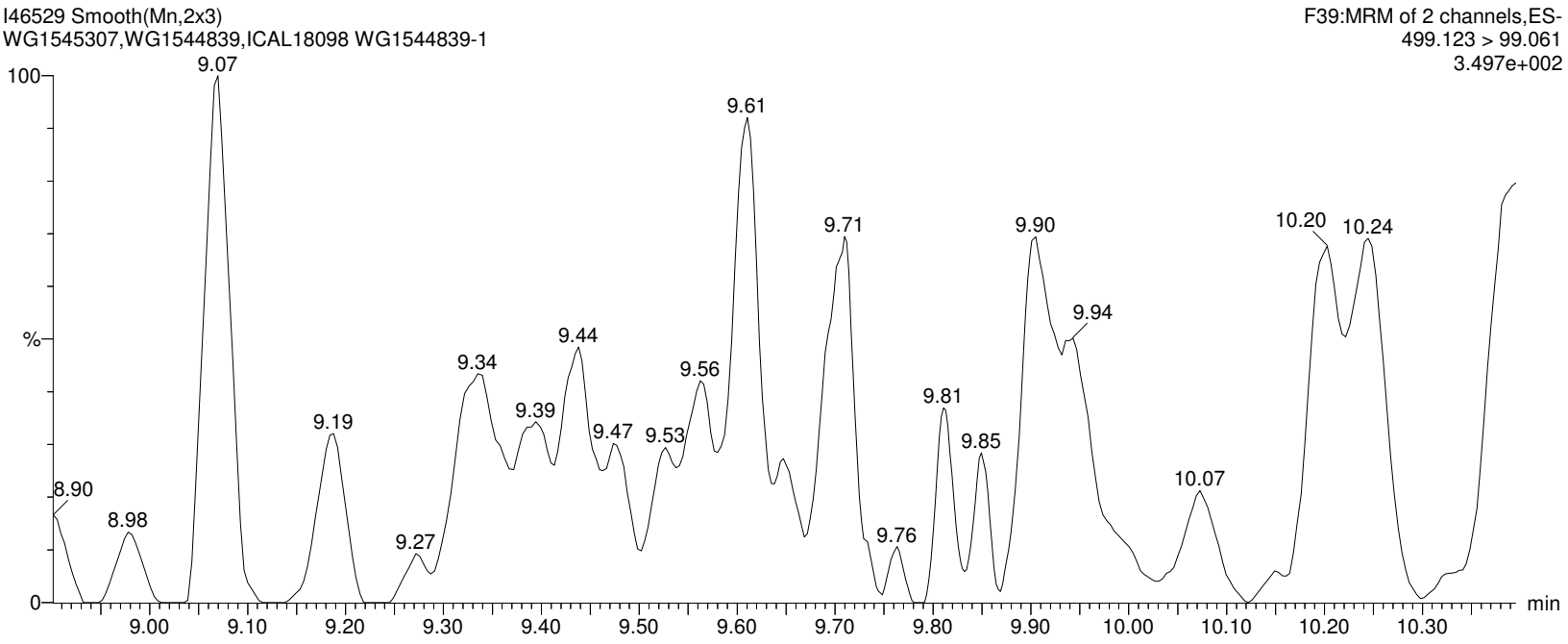
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOS



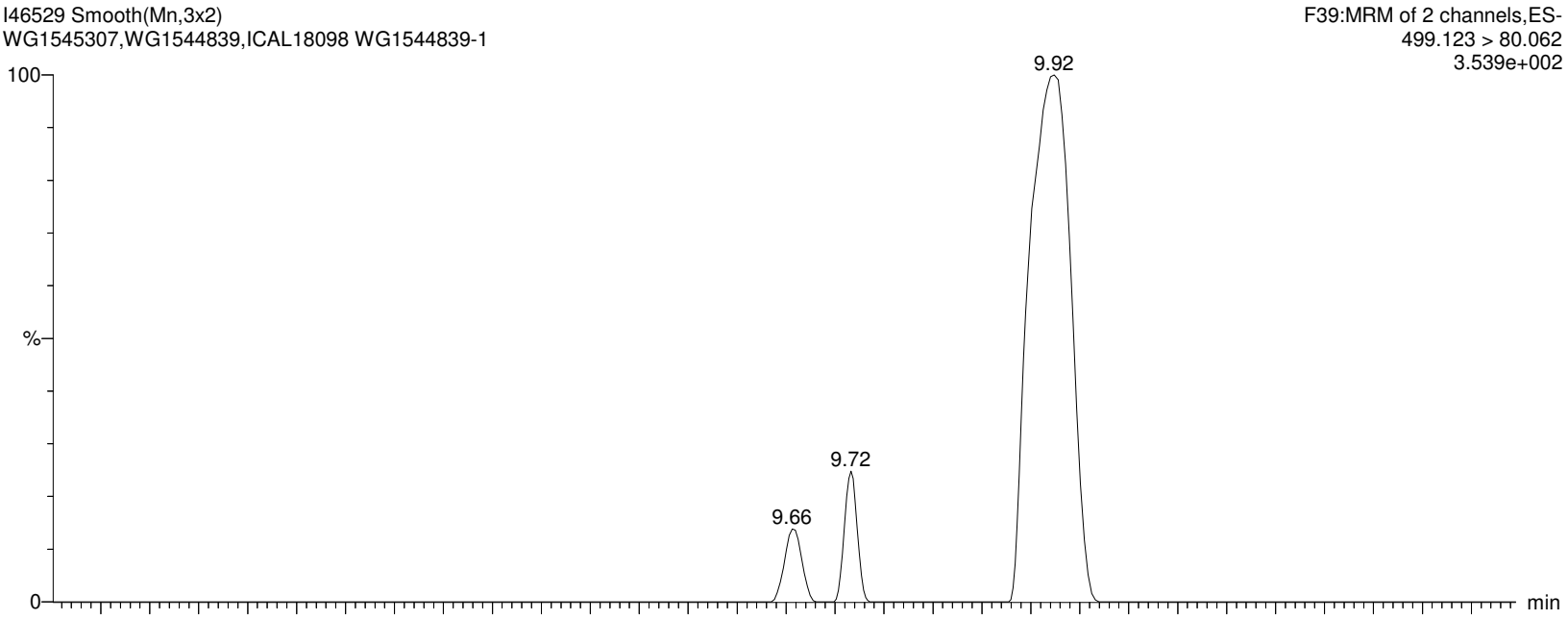


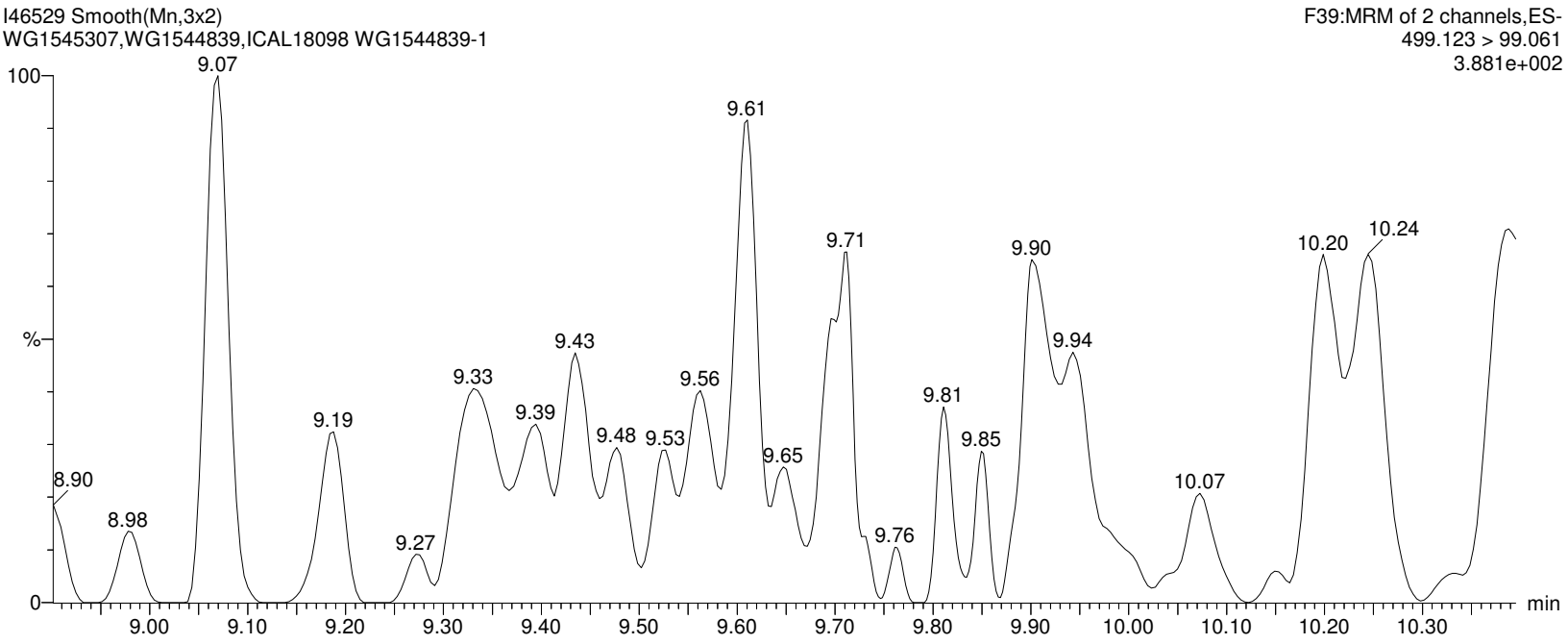
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOS



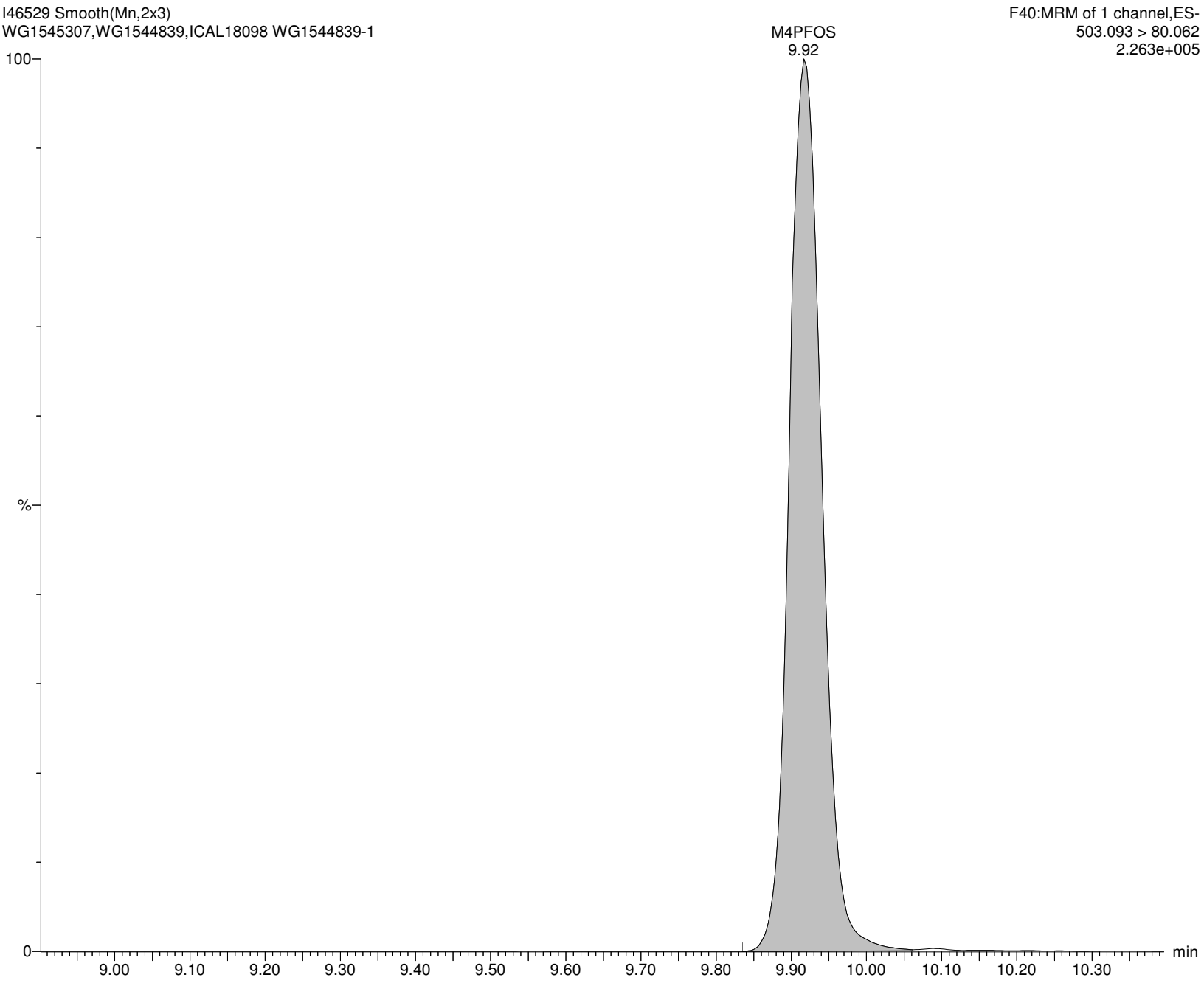


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOS

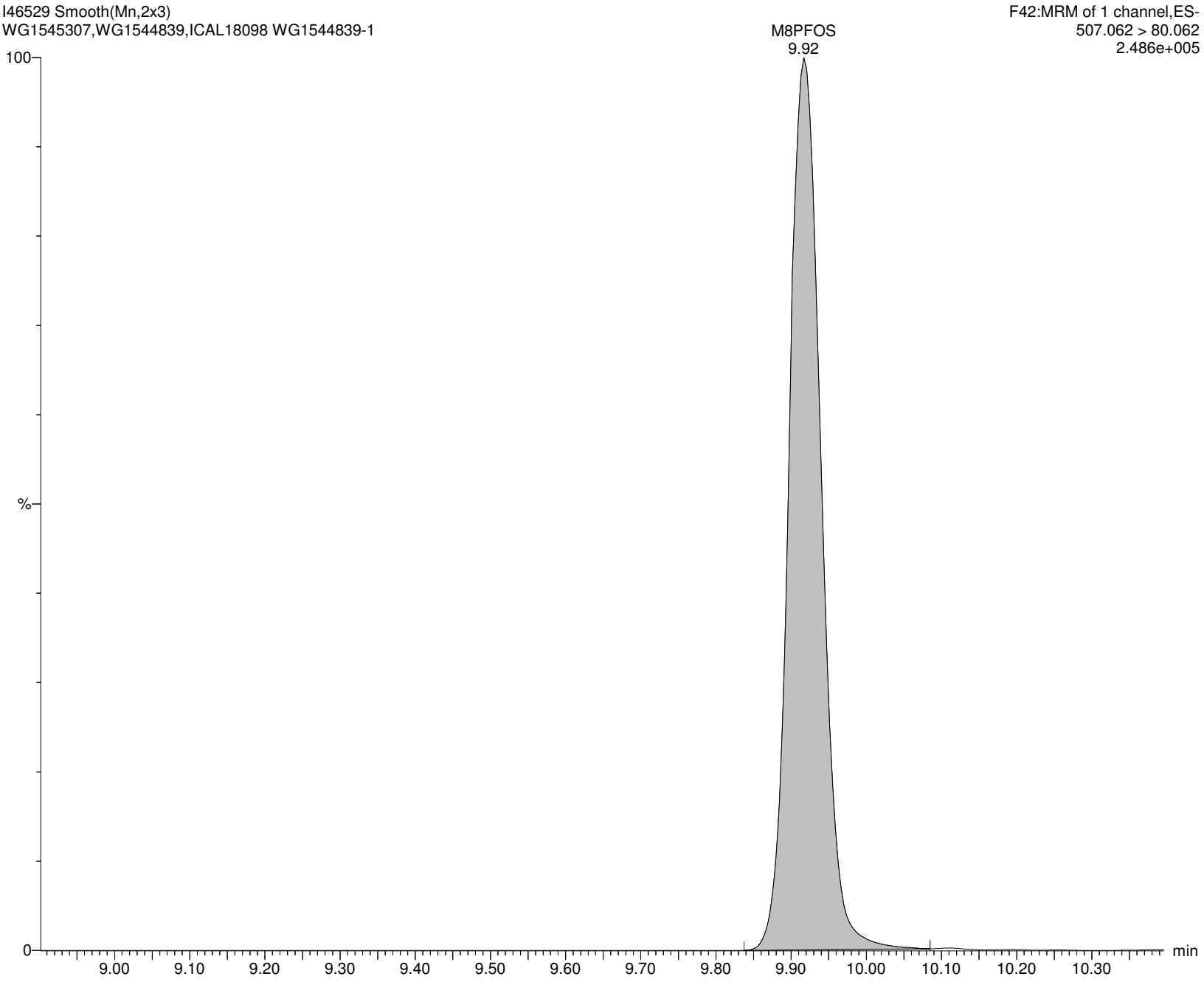


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOS

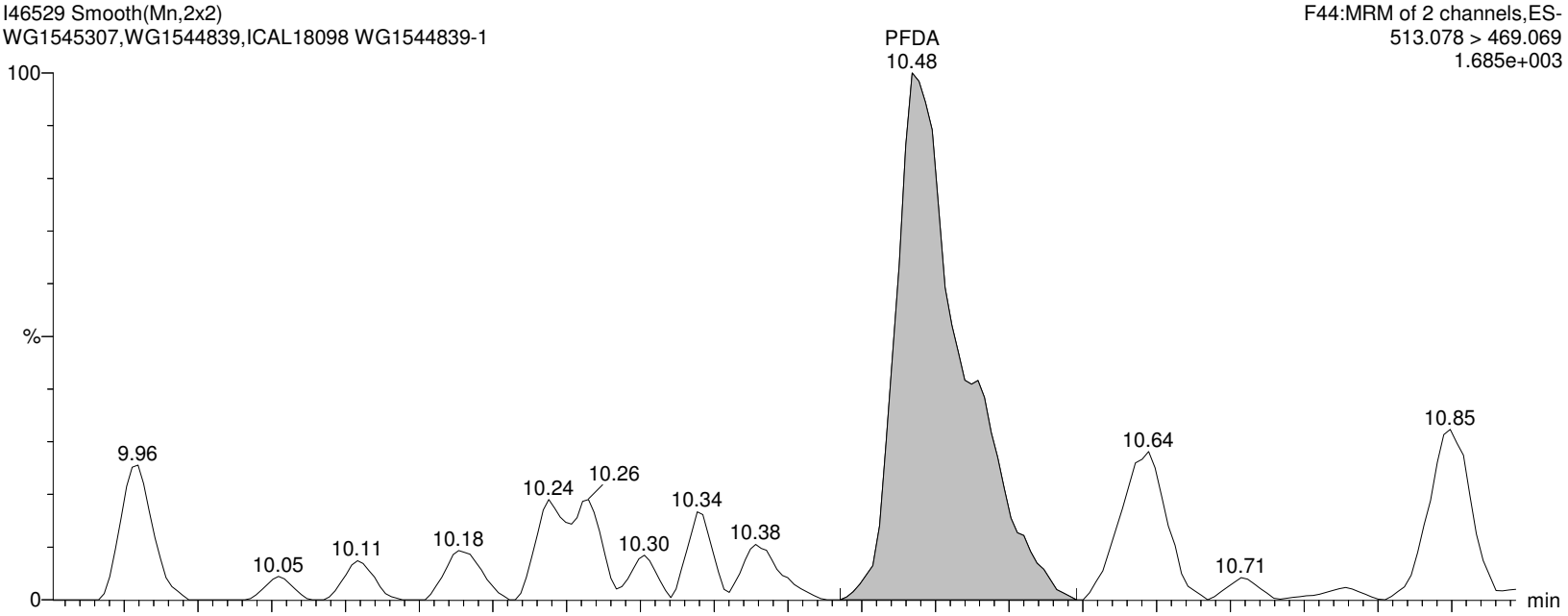


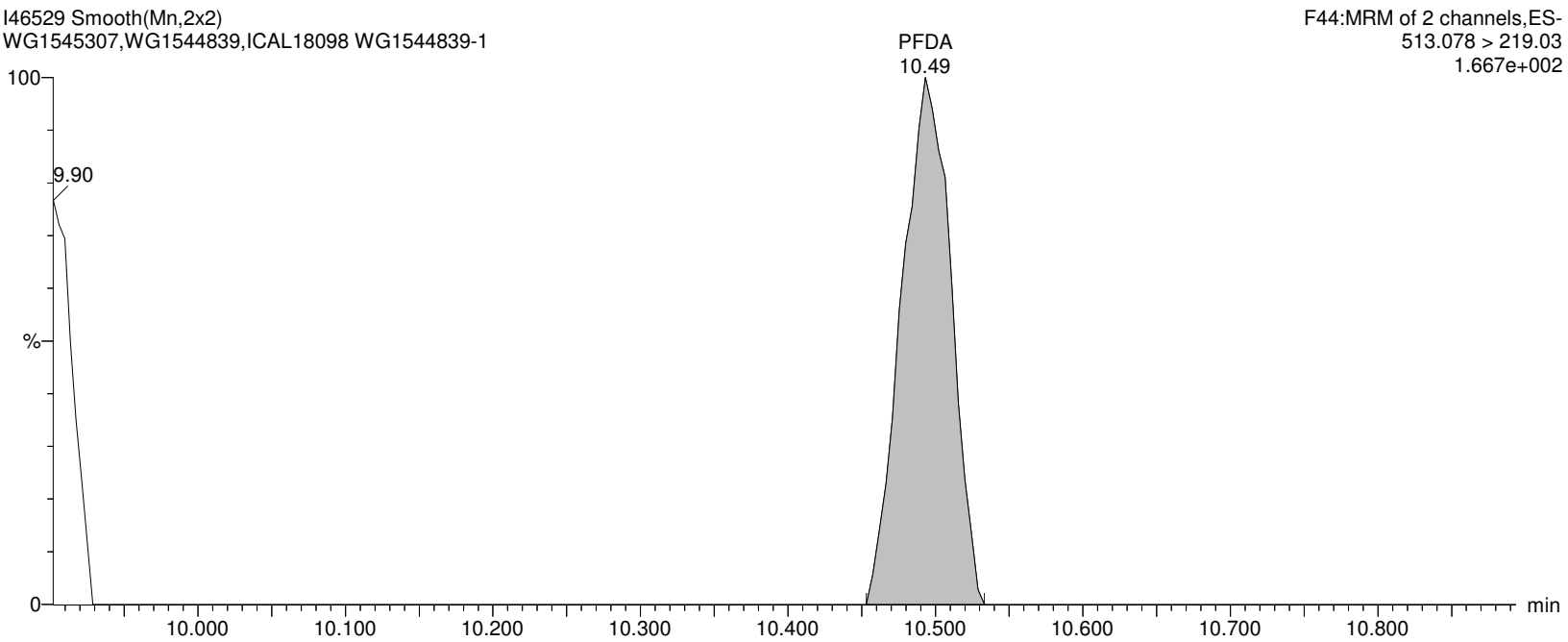
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDA



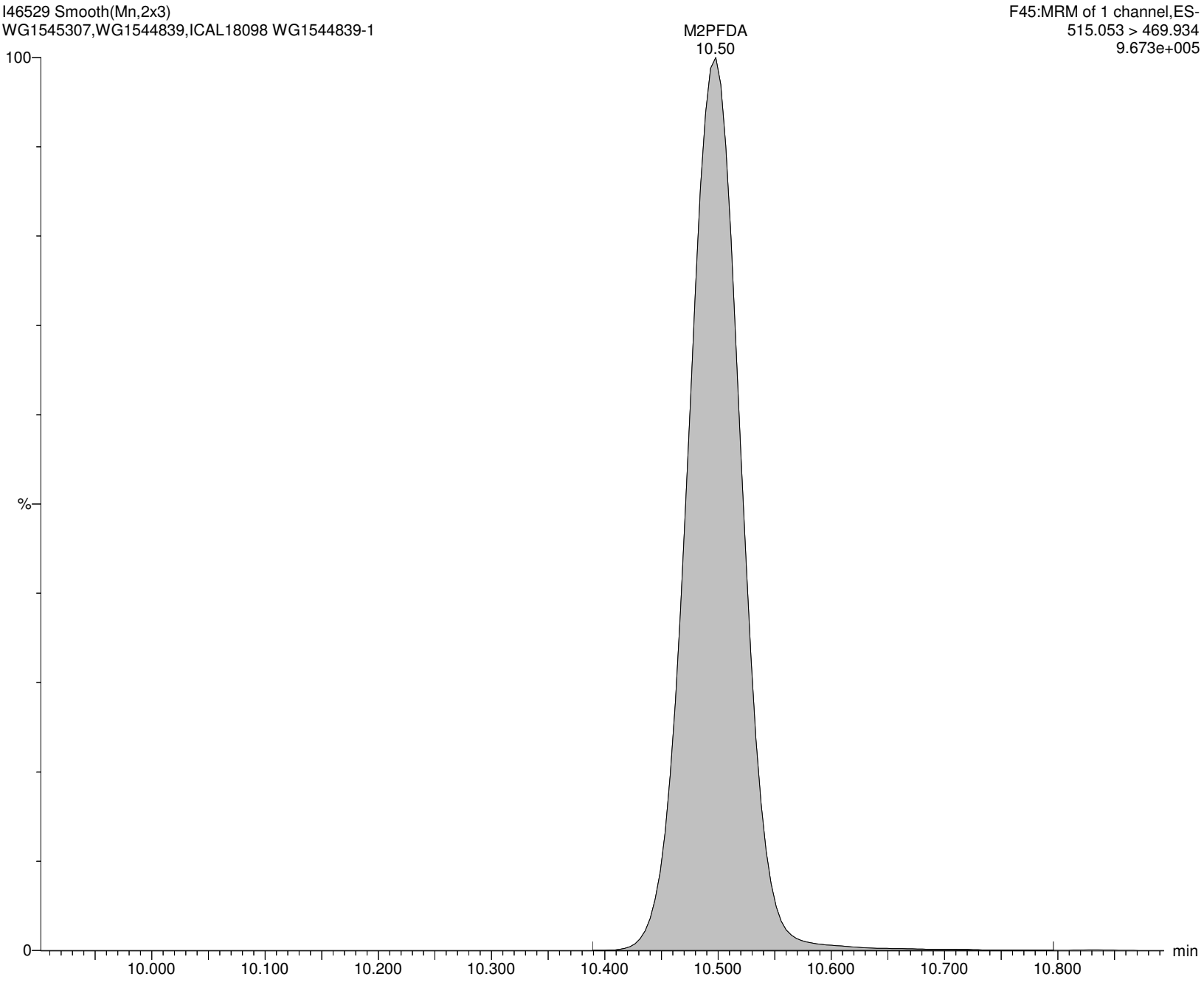


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFDA

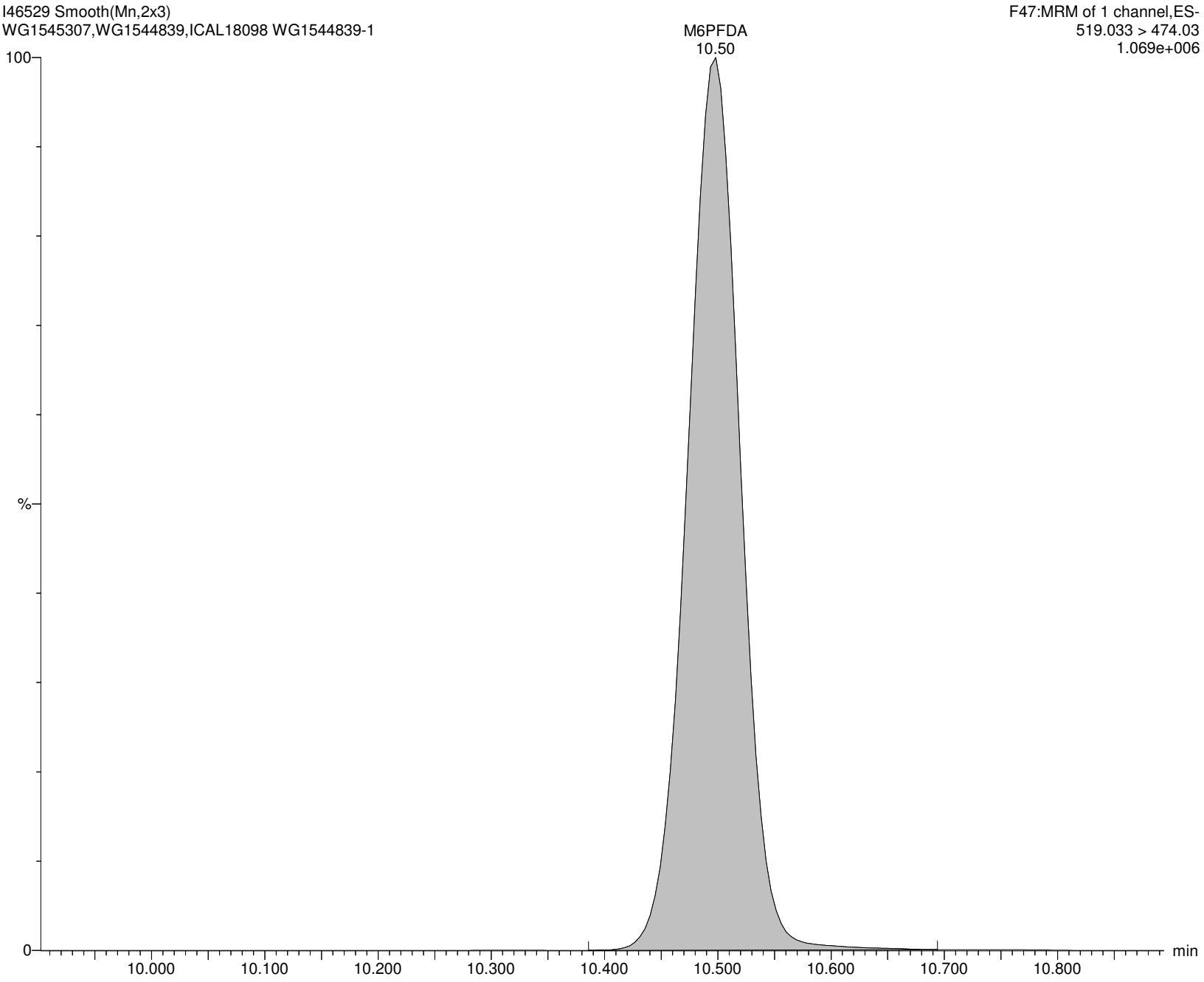


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M6PFDA

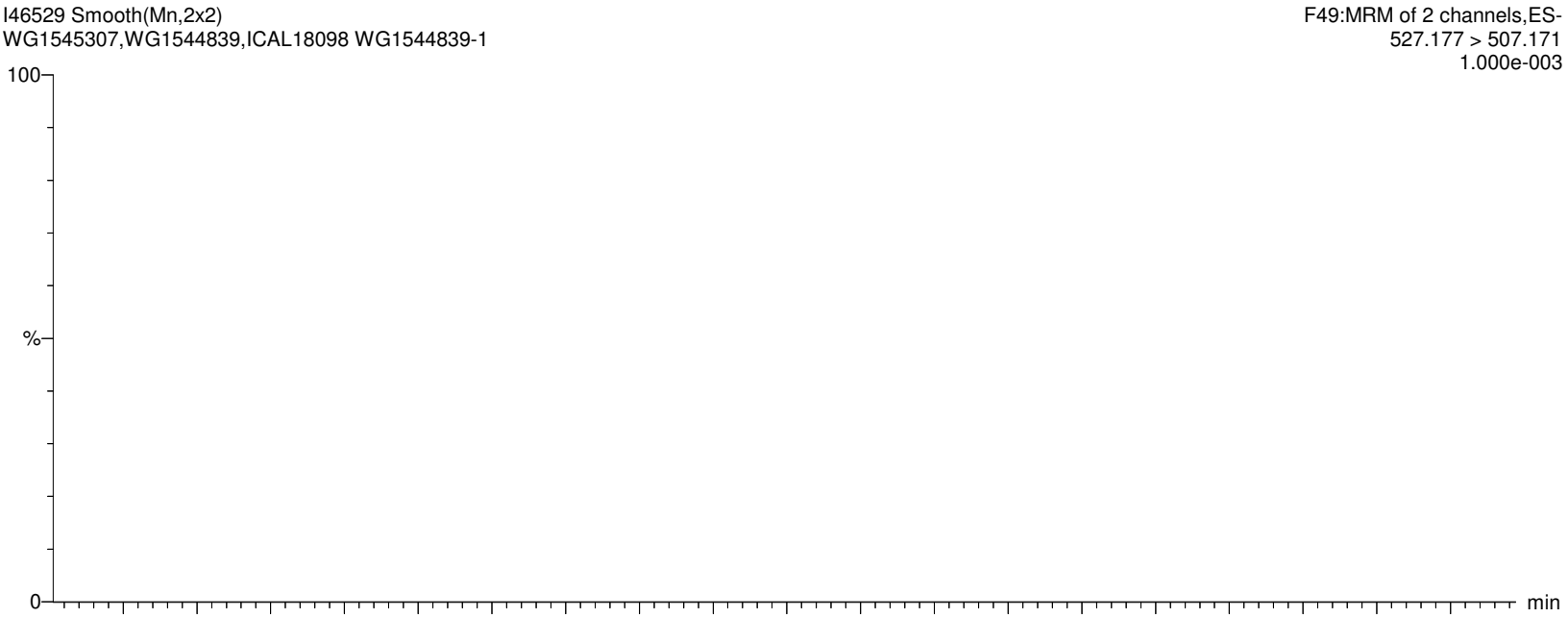


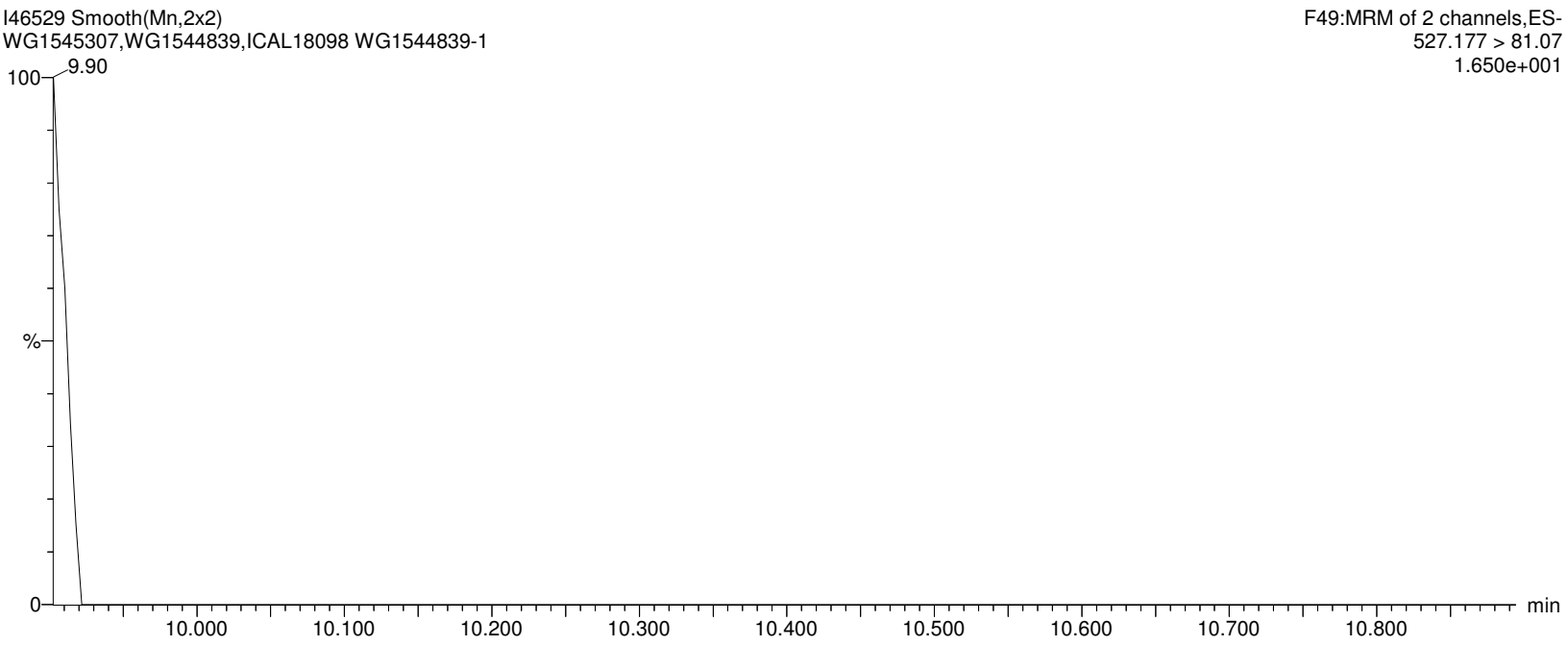
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

8:2FTS



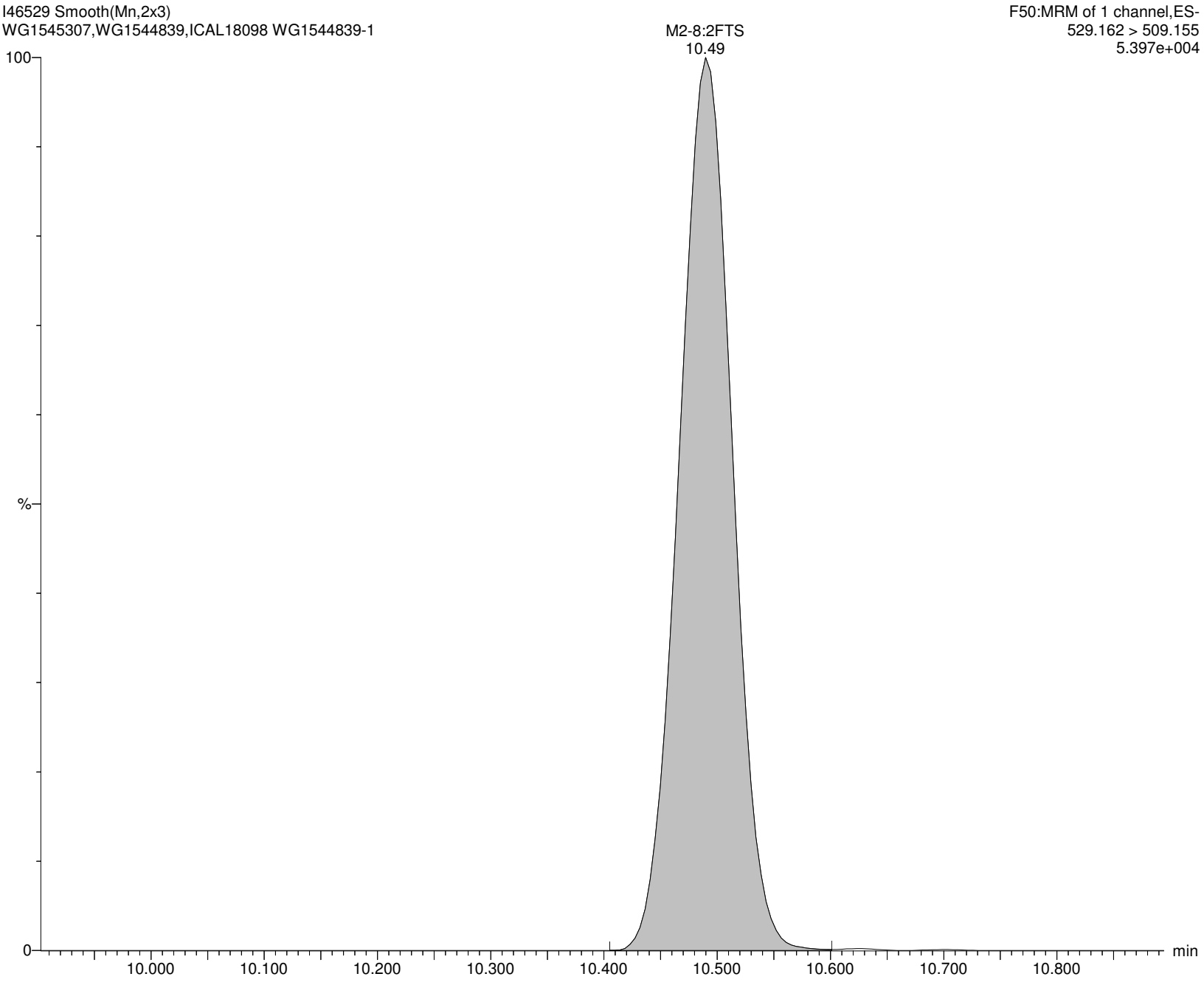


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-8:2FTS

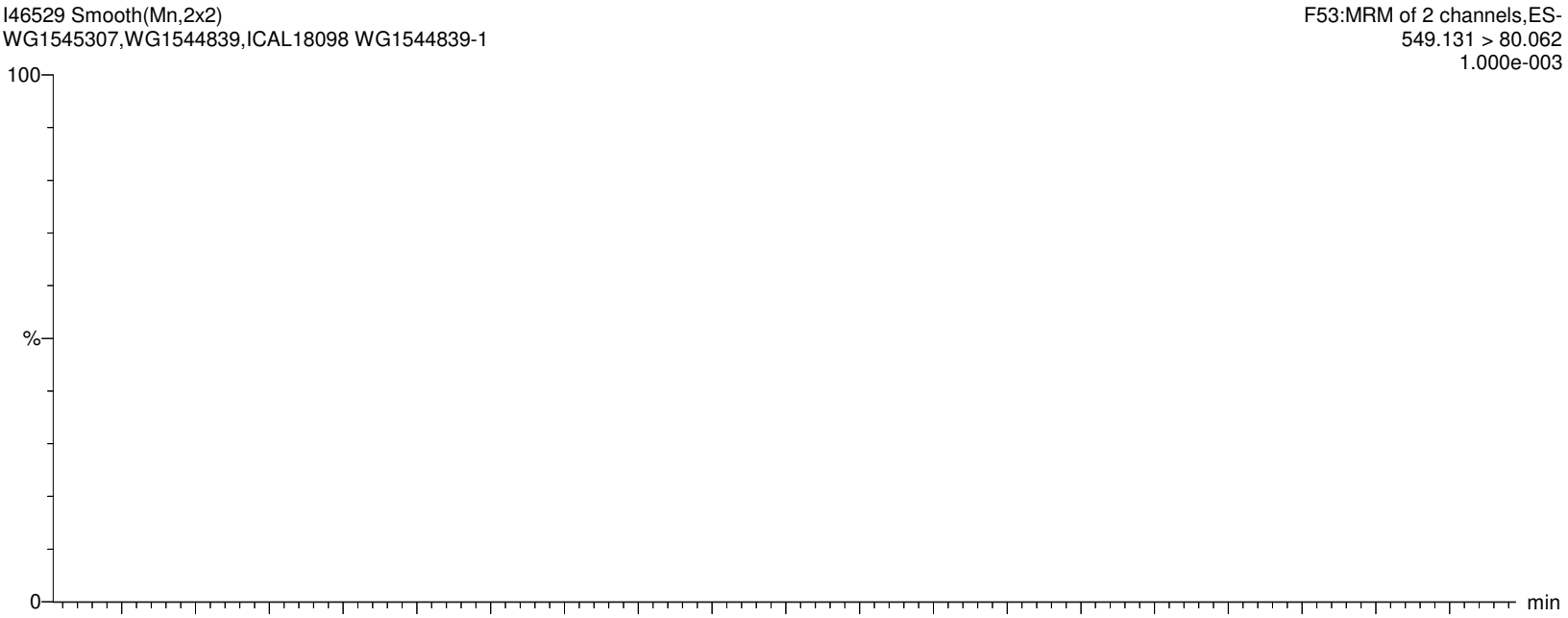


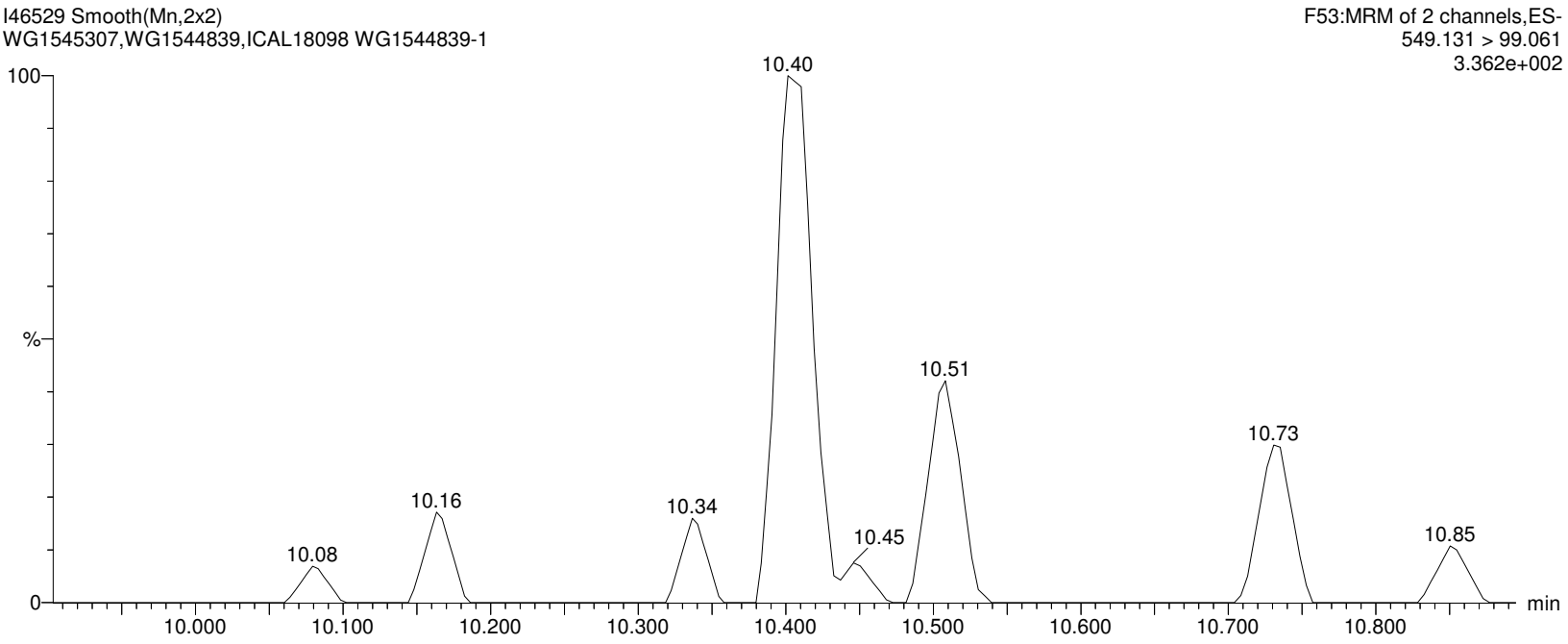
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNS



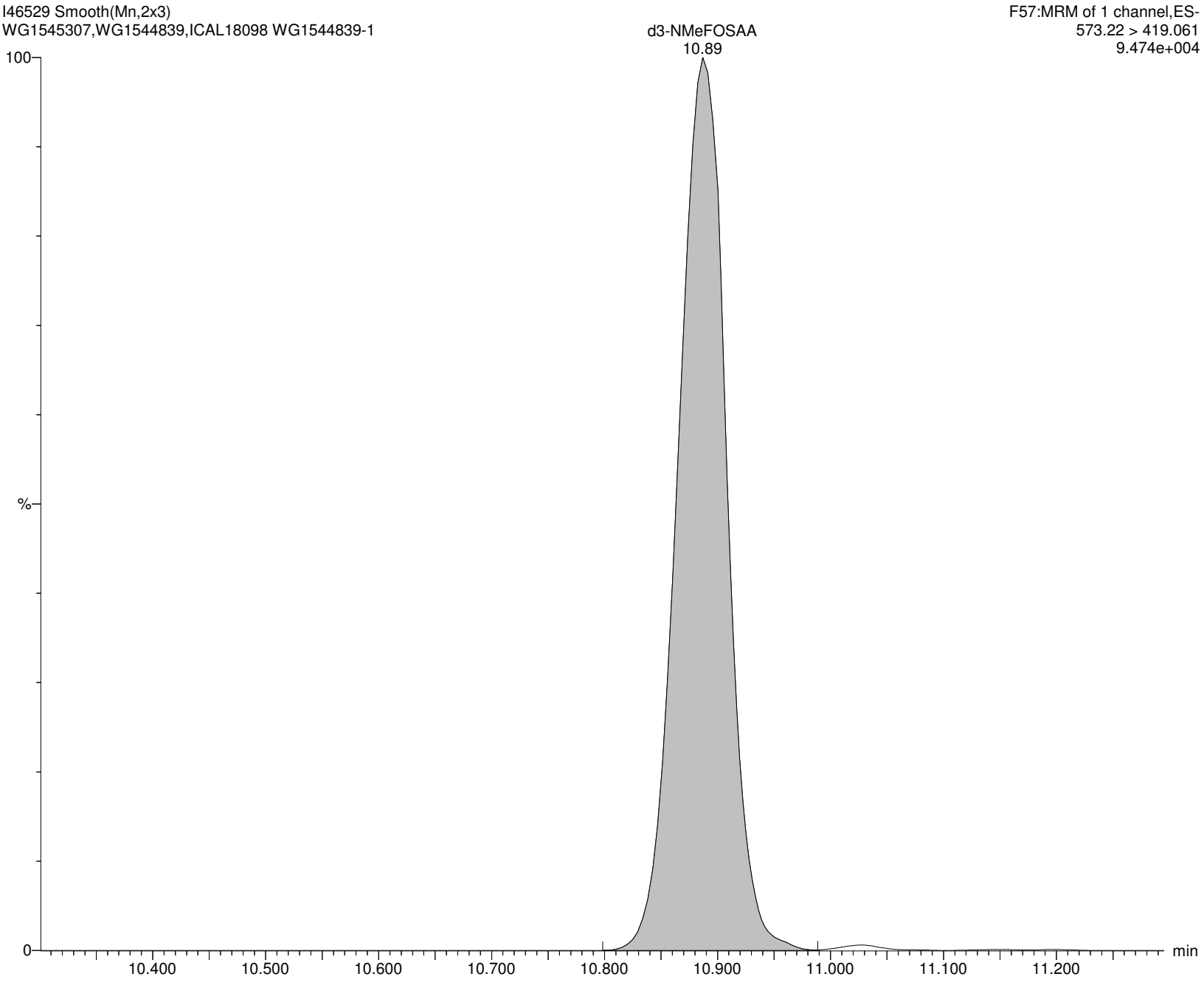


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSAA

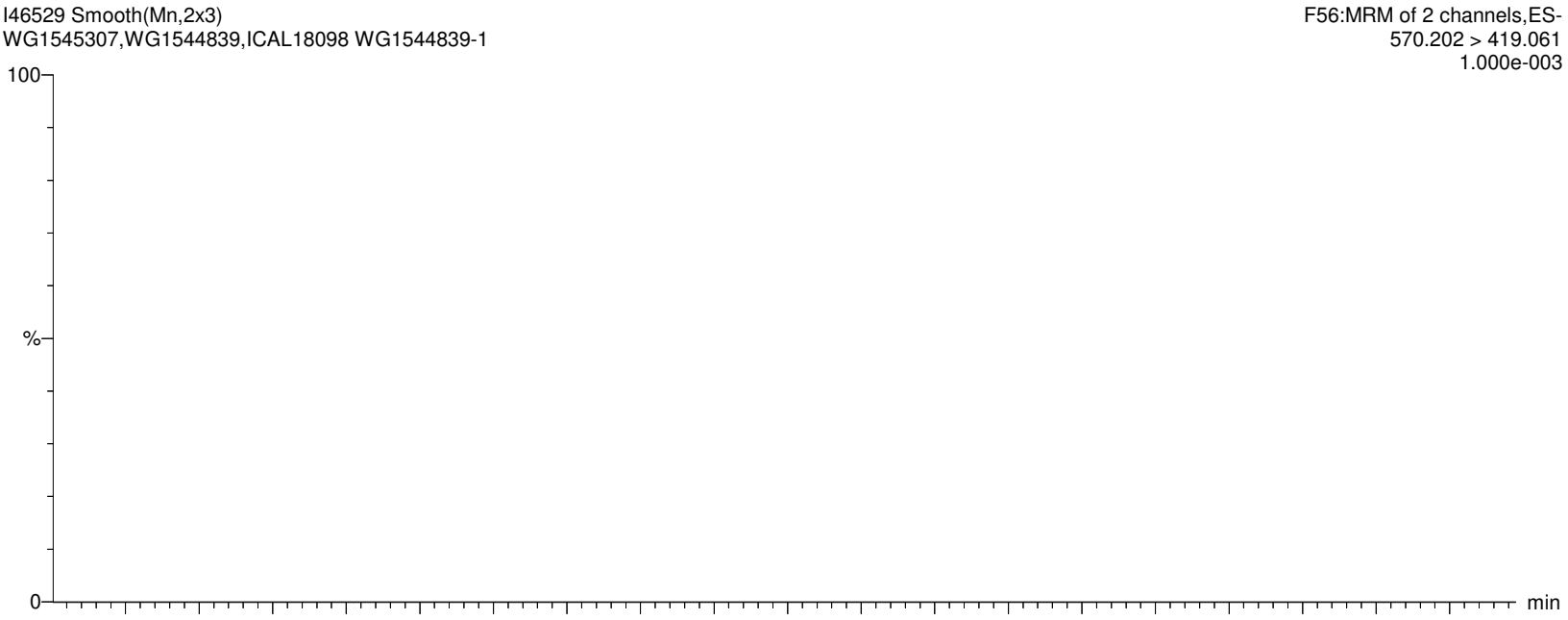


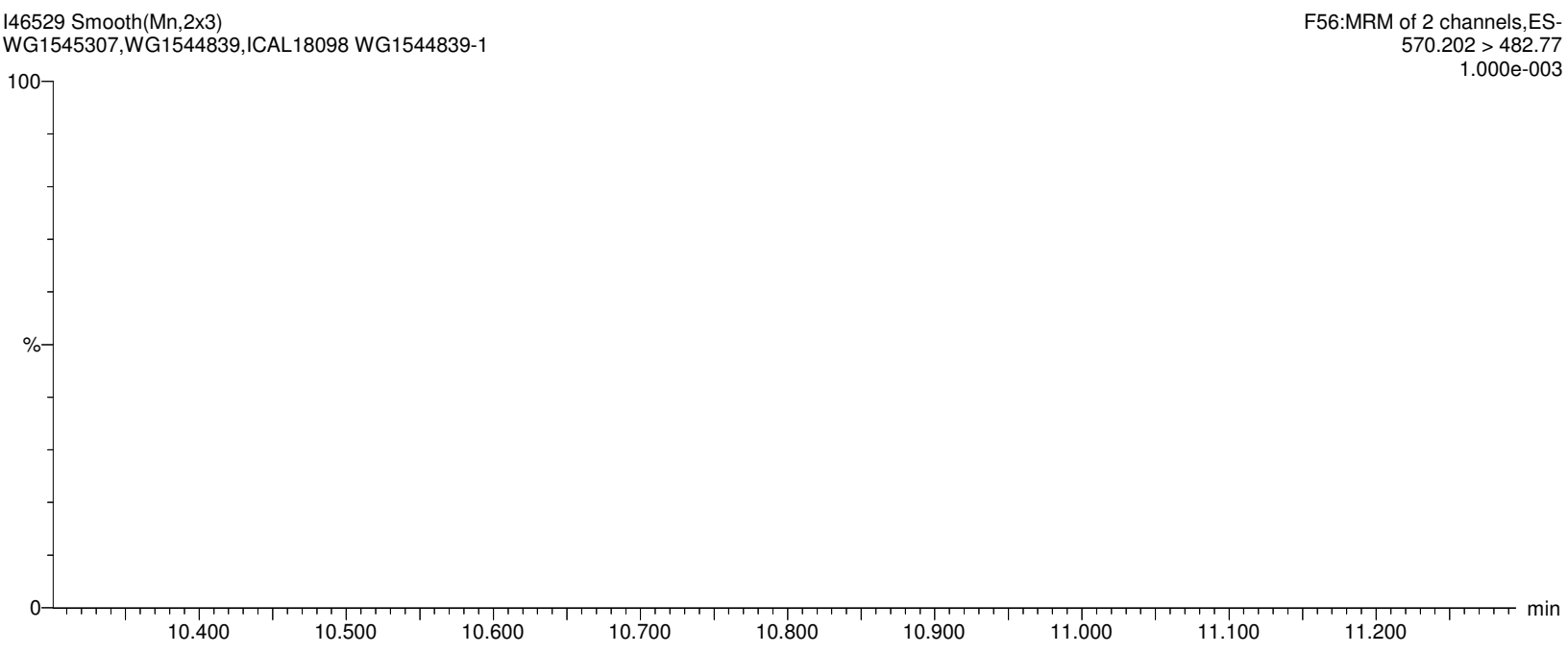
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NMeFOSAA



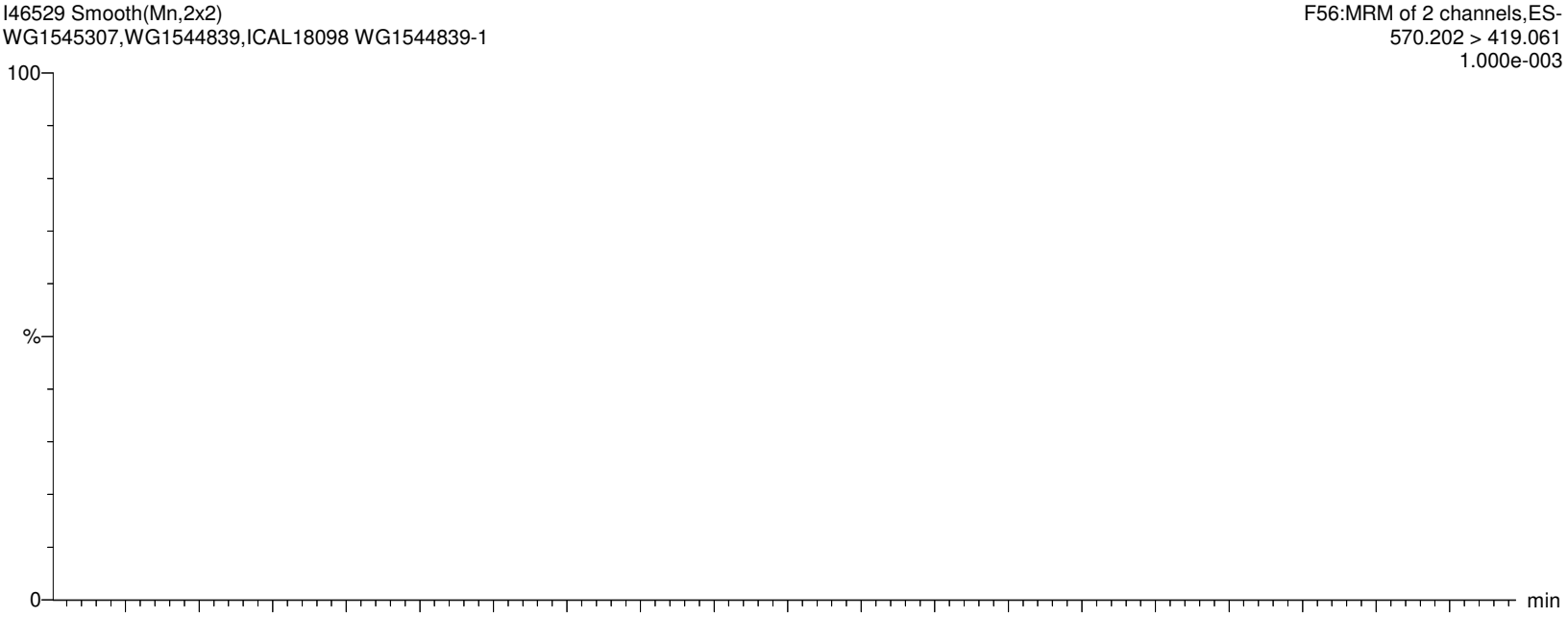


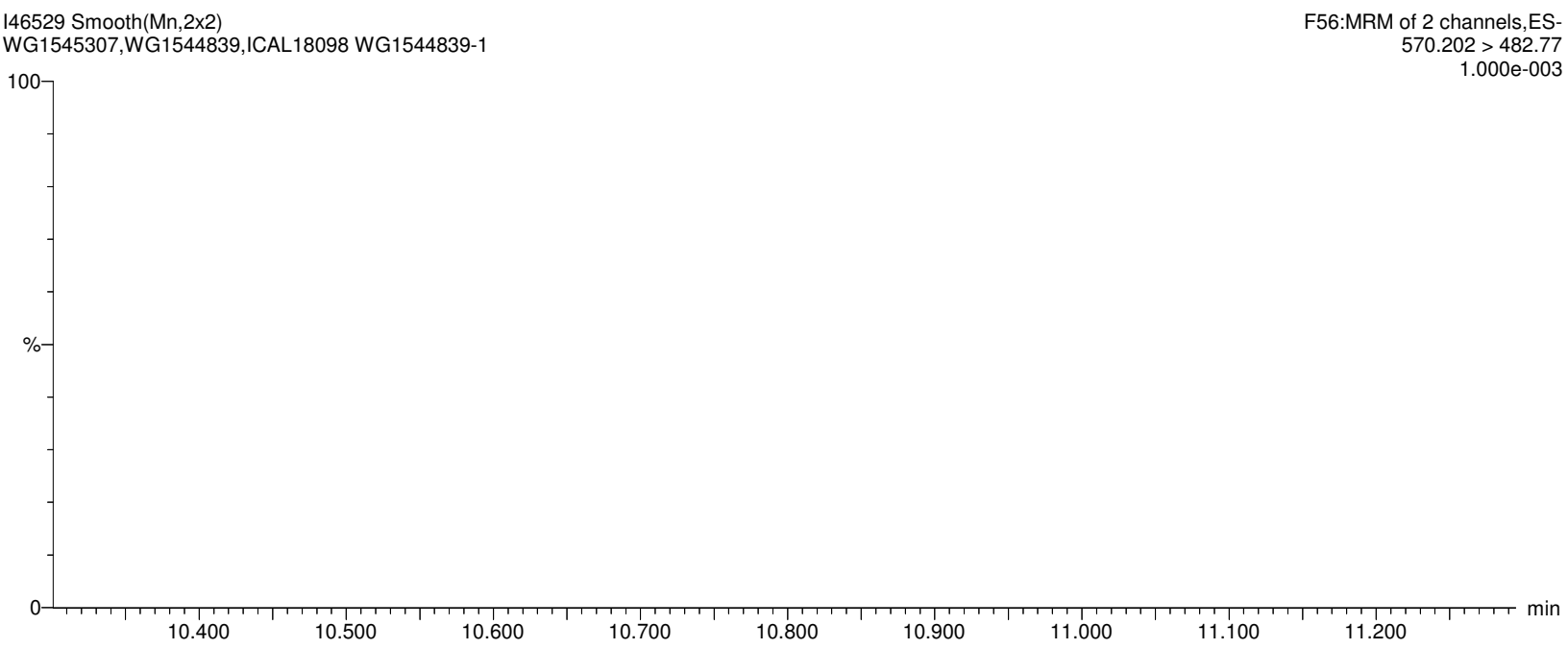
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NMeFOSAA



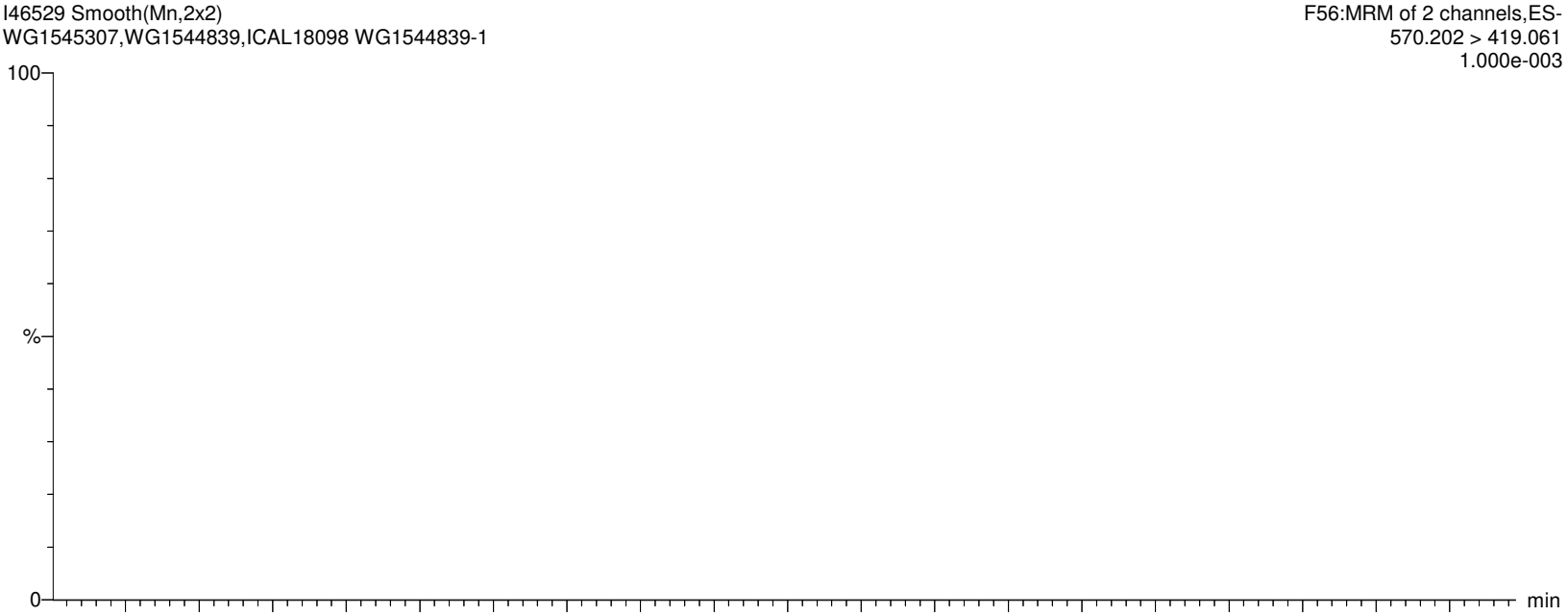


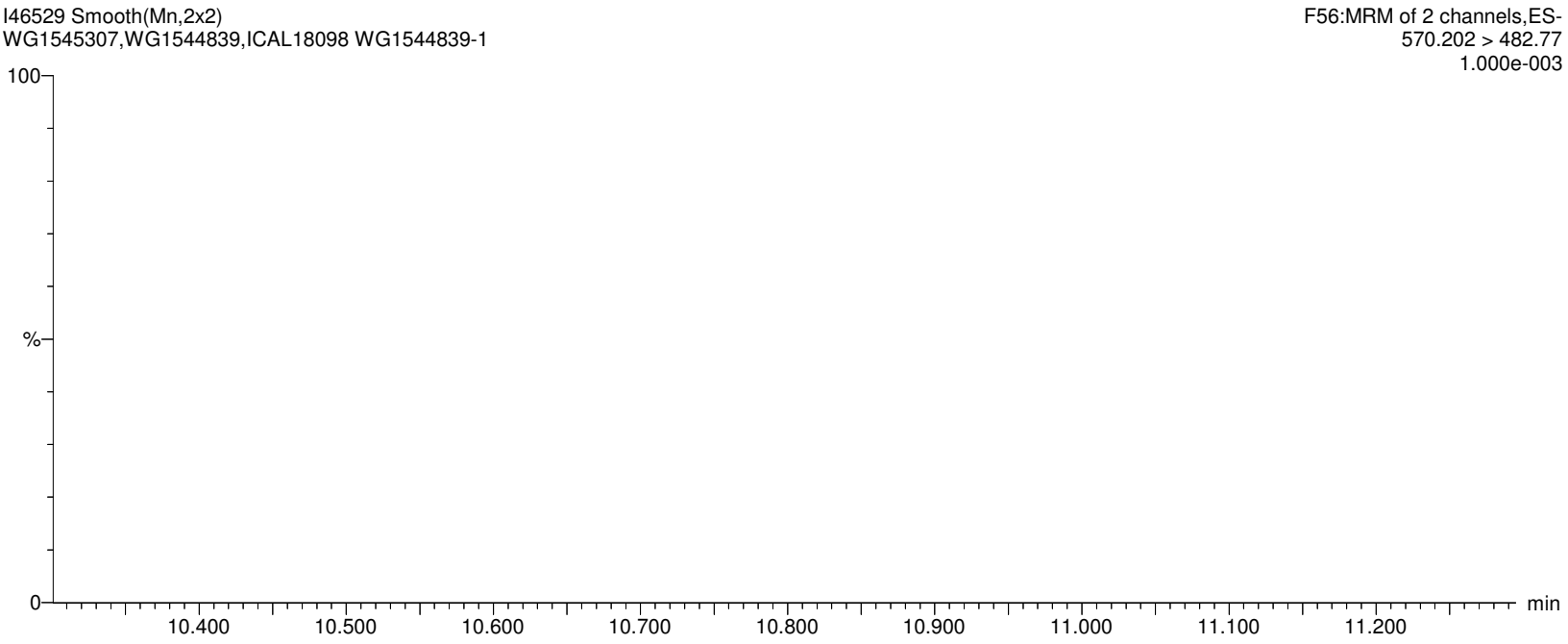
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSAA



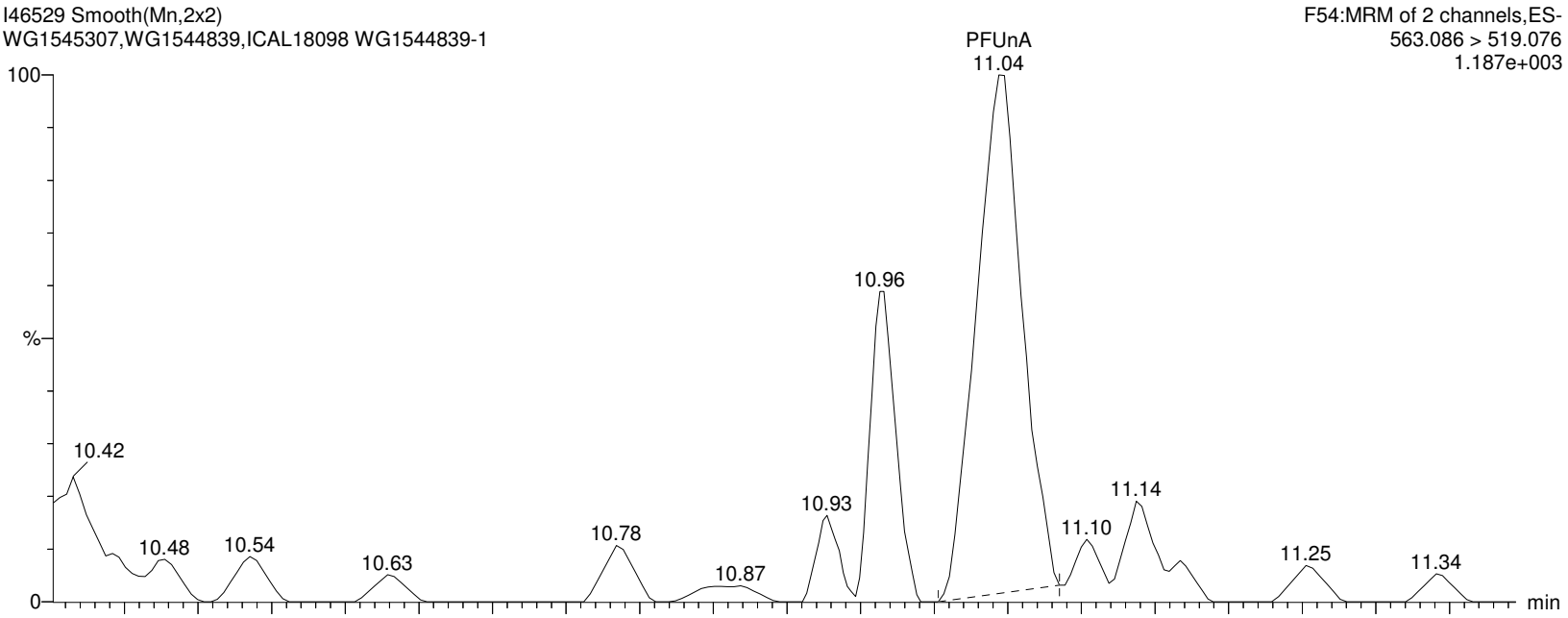


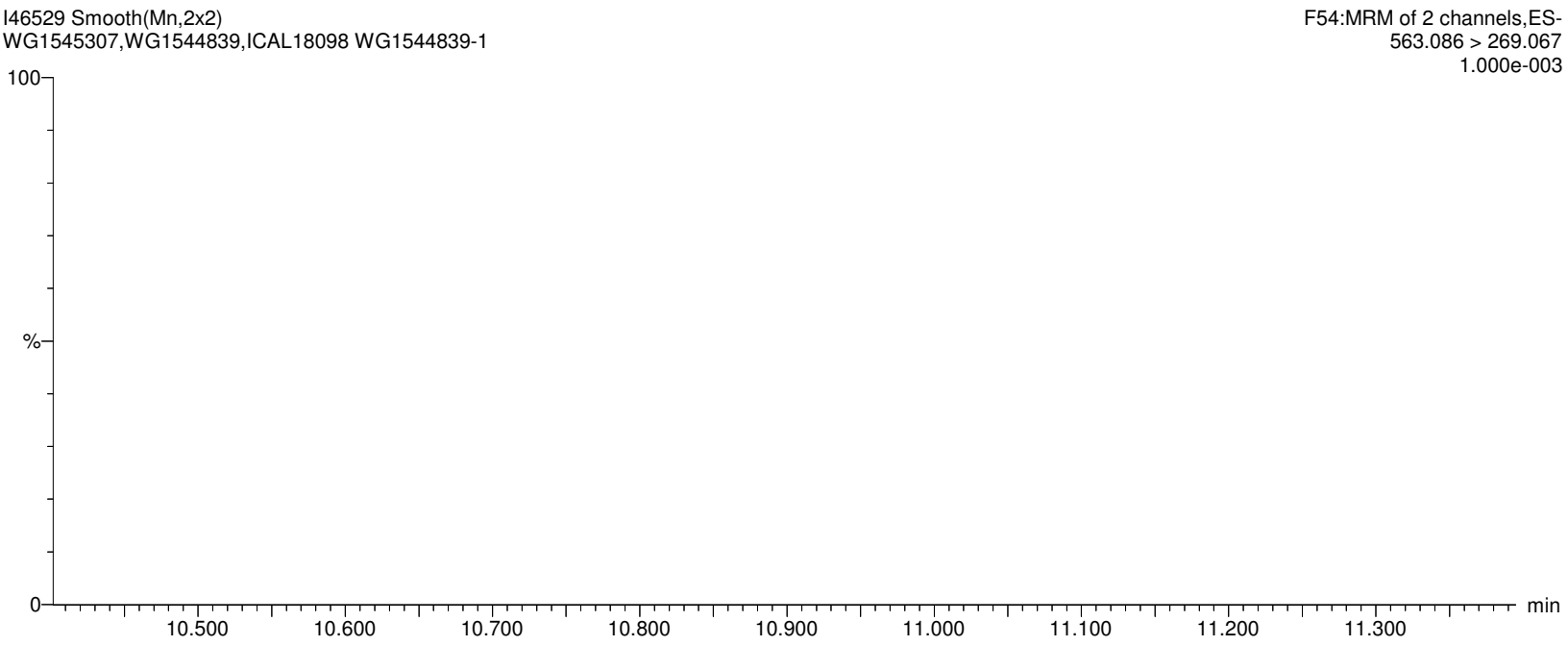
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFUnA



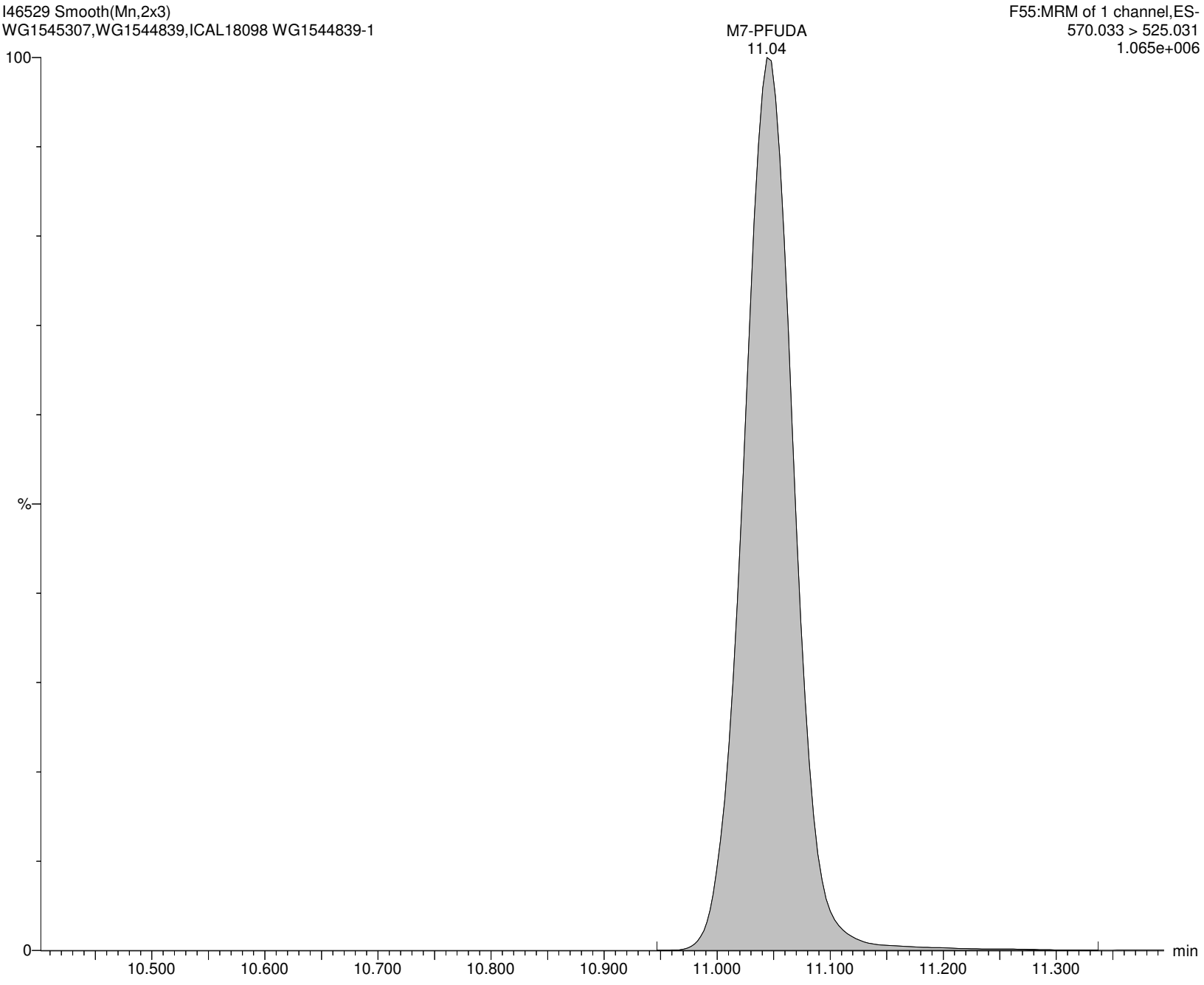


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M7-PFUDA

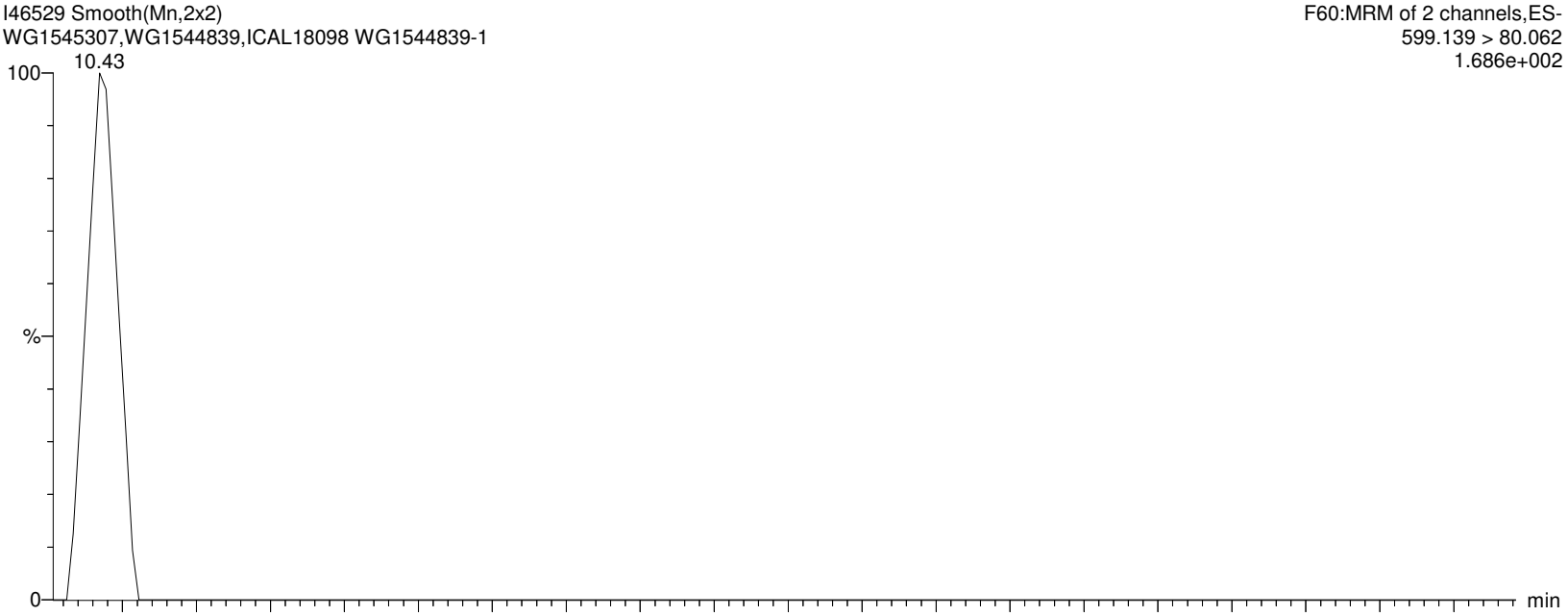


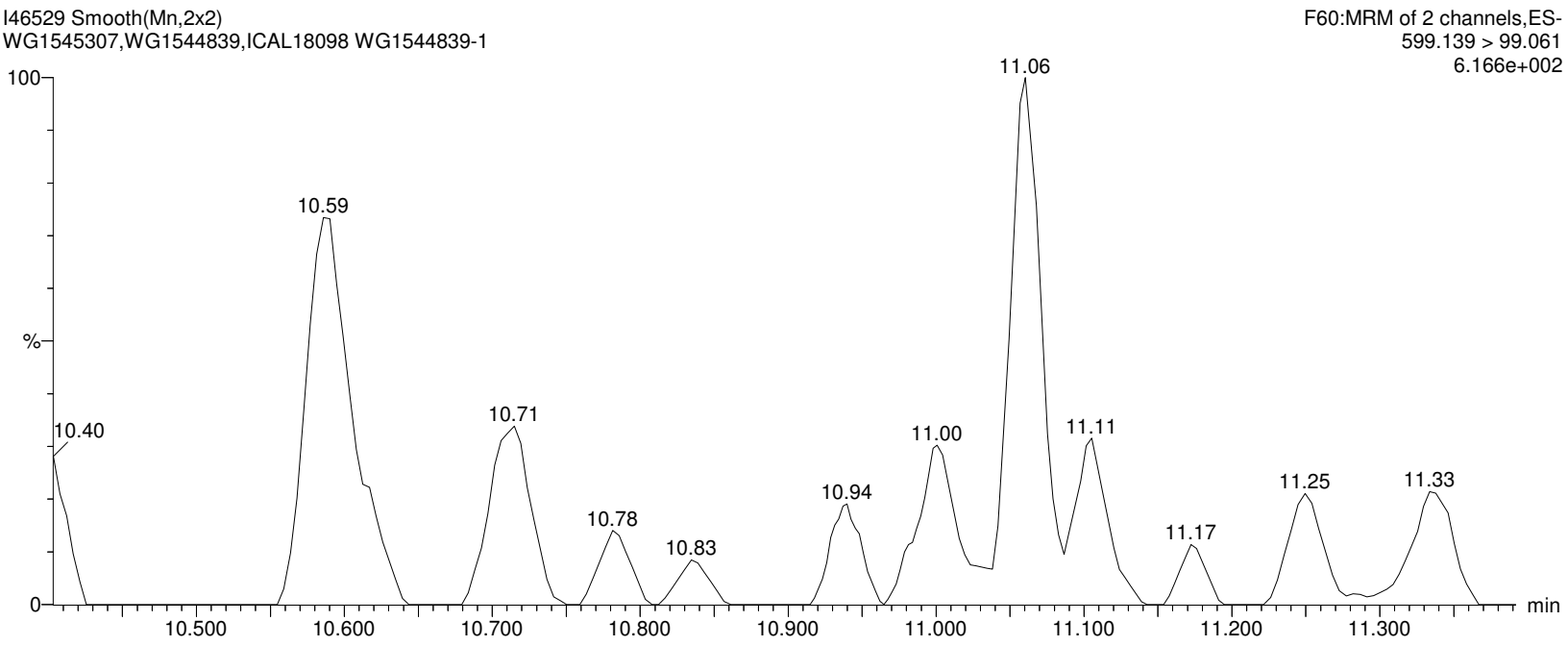
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDS



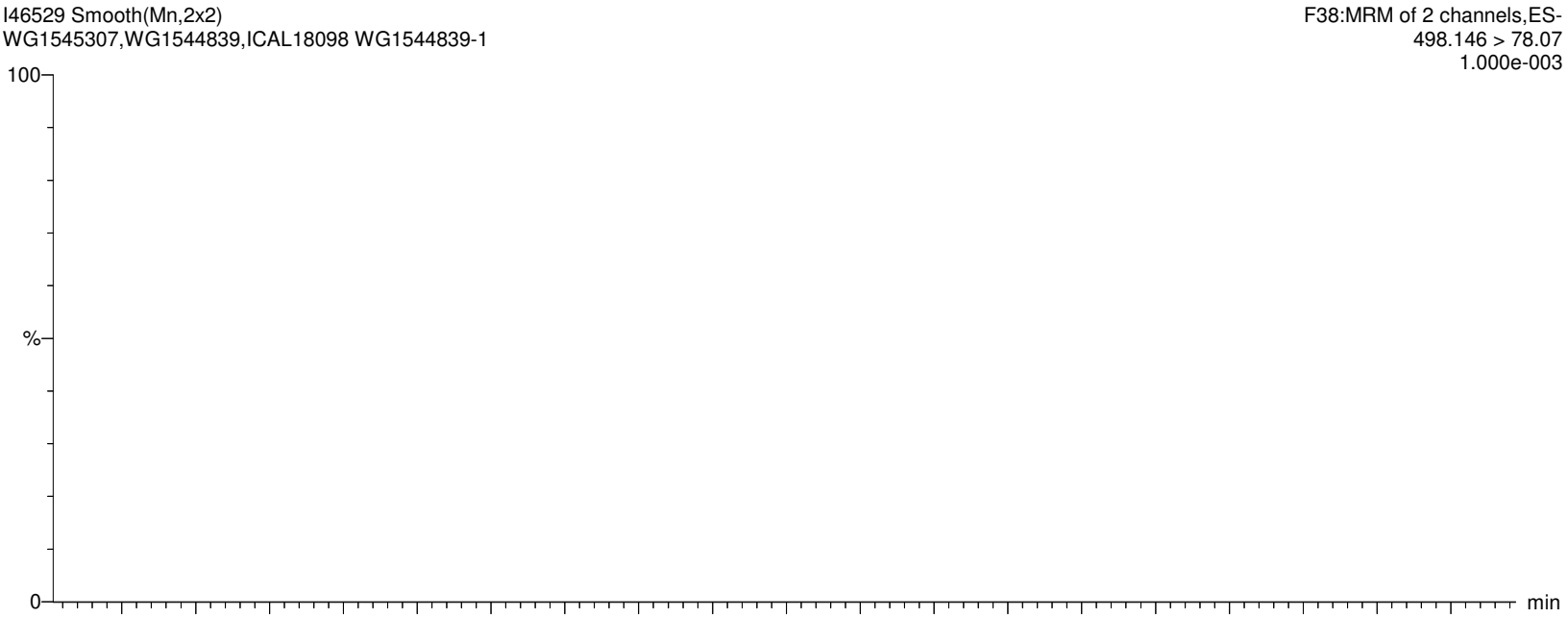


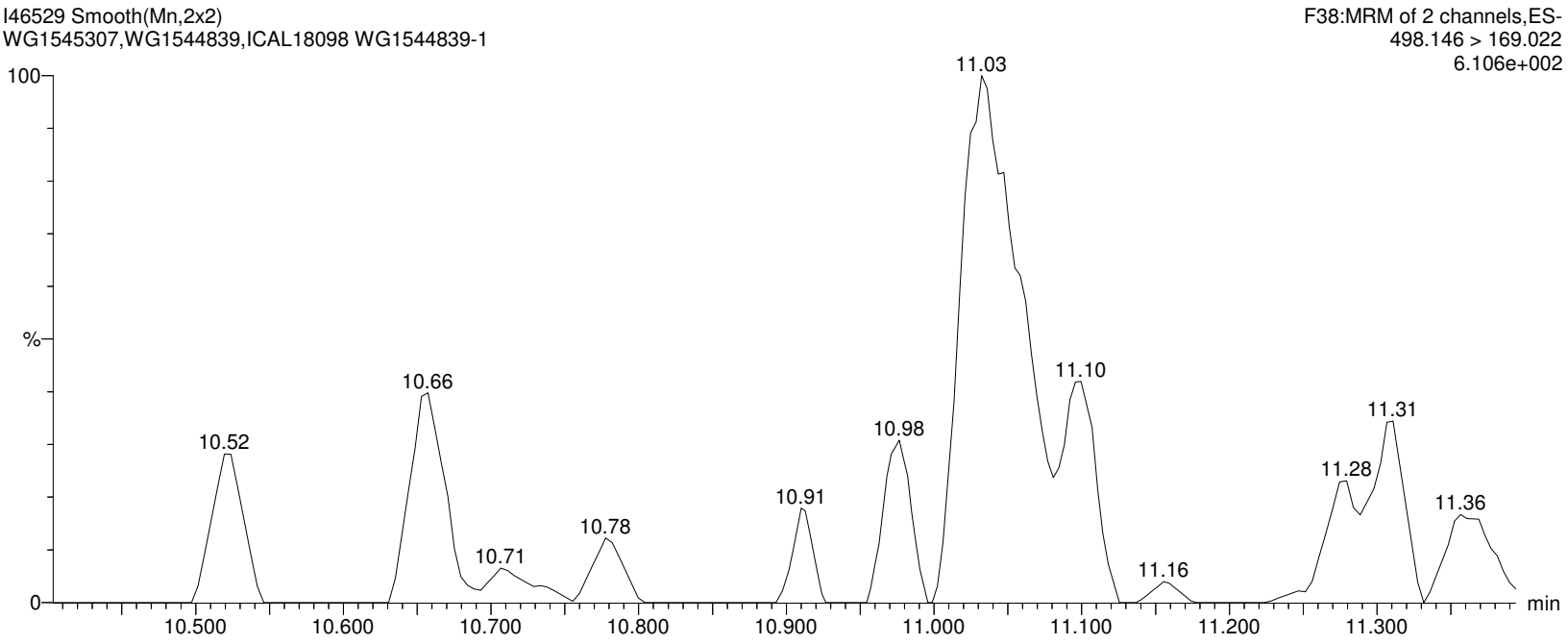
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

FOSA



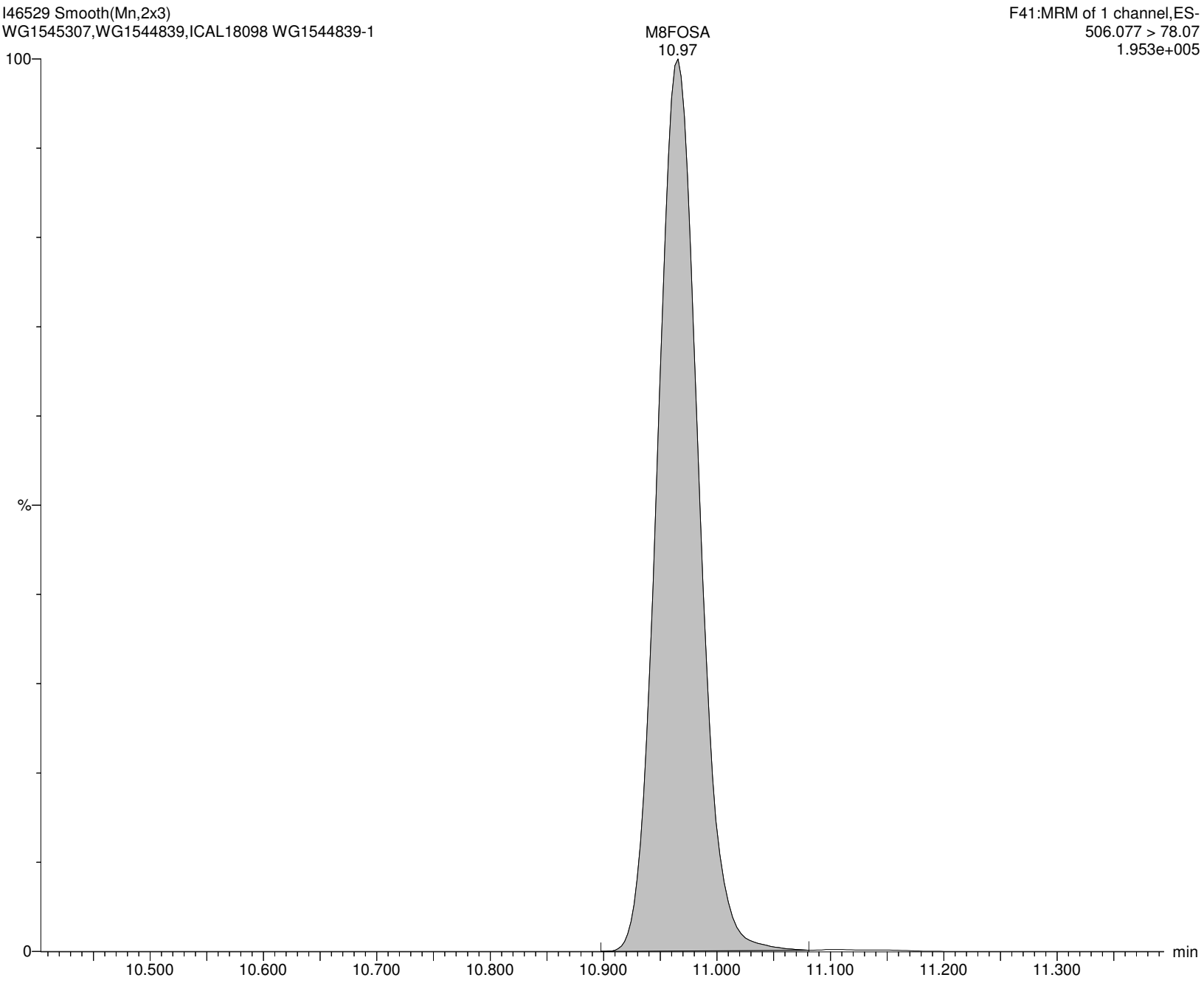


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8FOSA

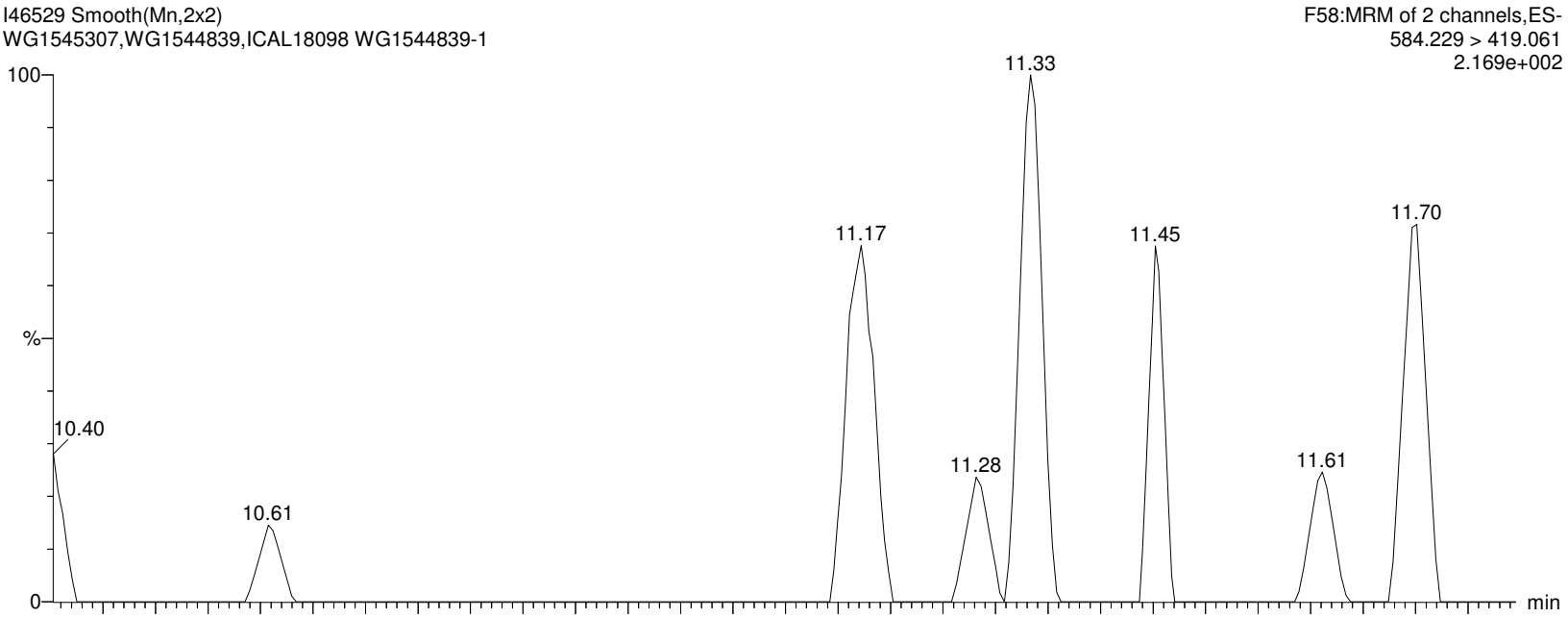


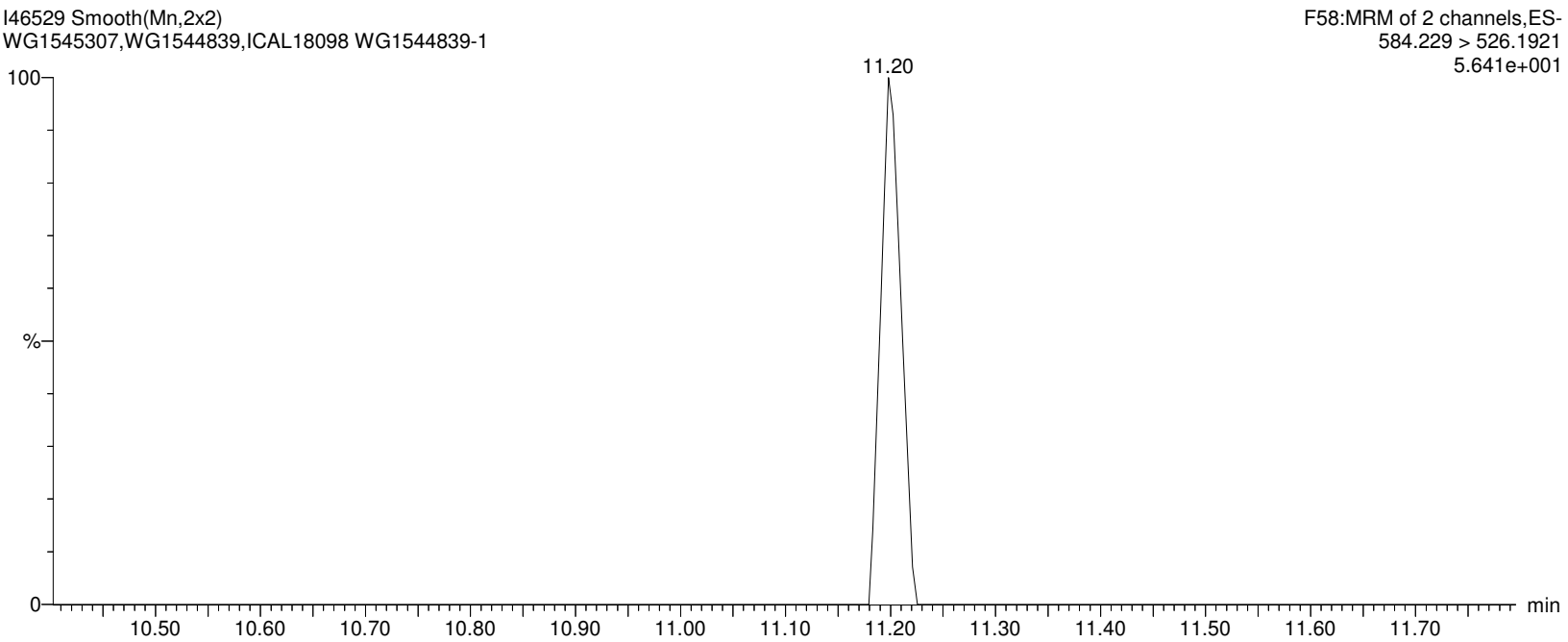
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NEtFOSAA



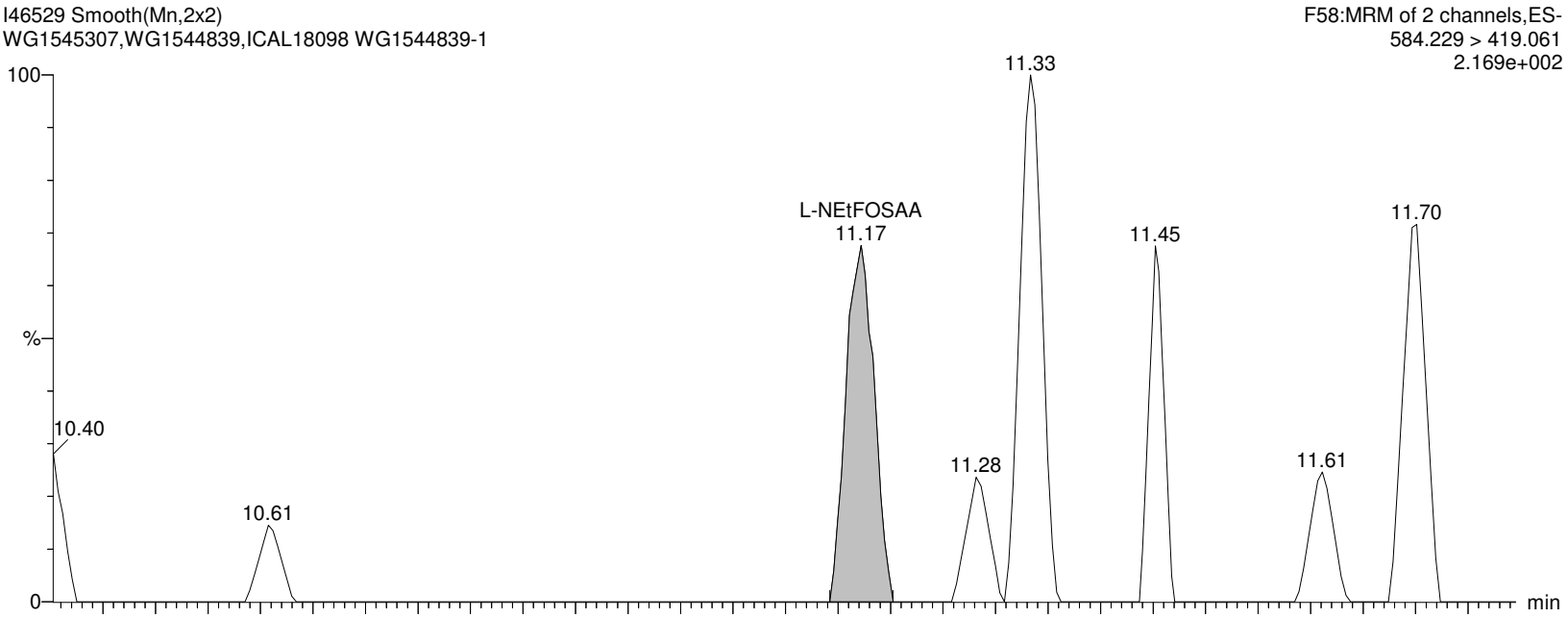


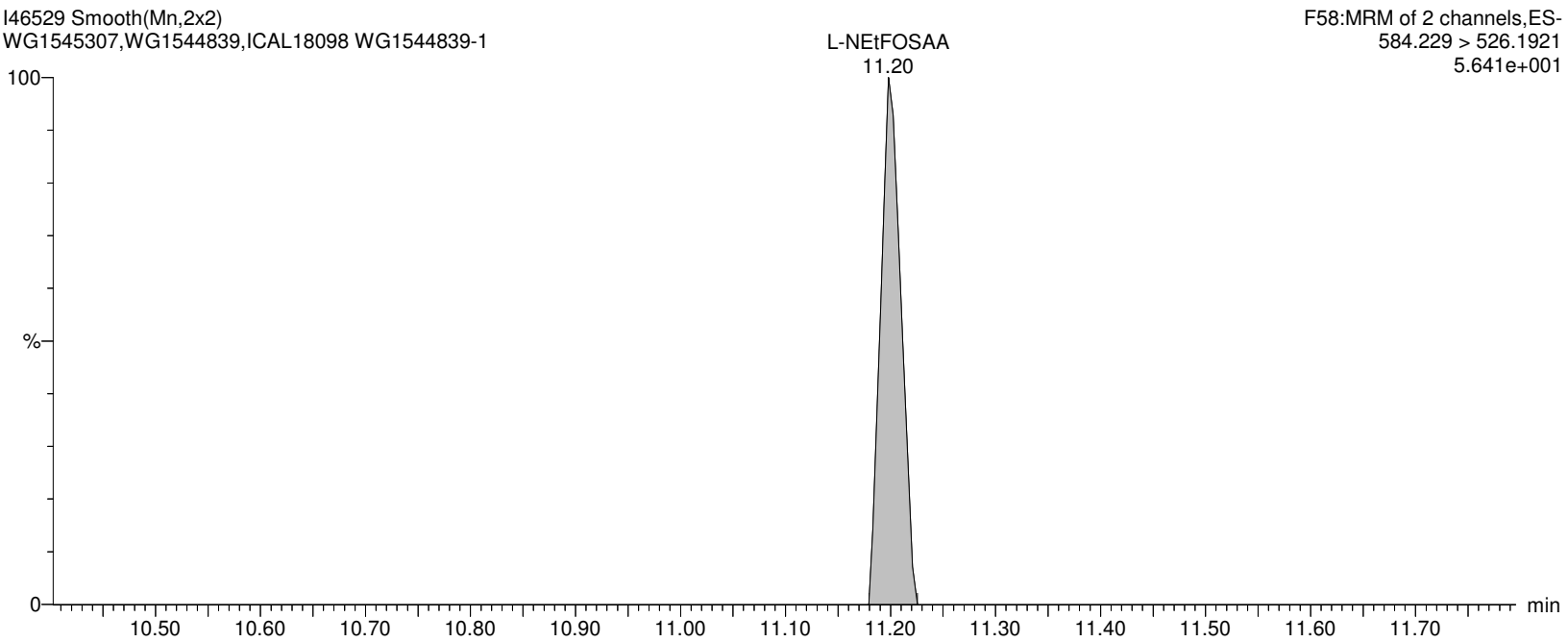
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NEtFOSAA



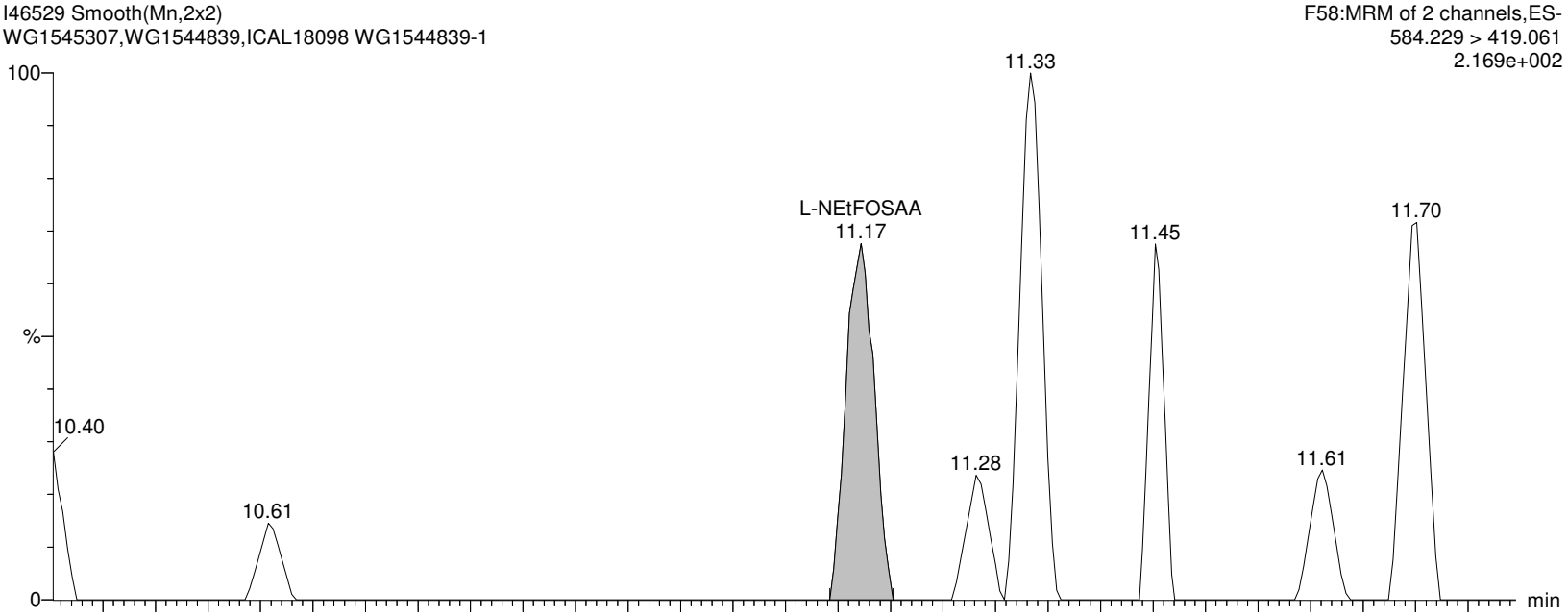


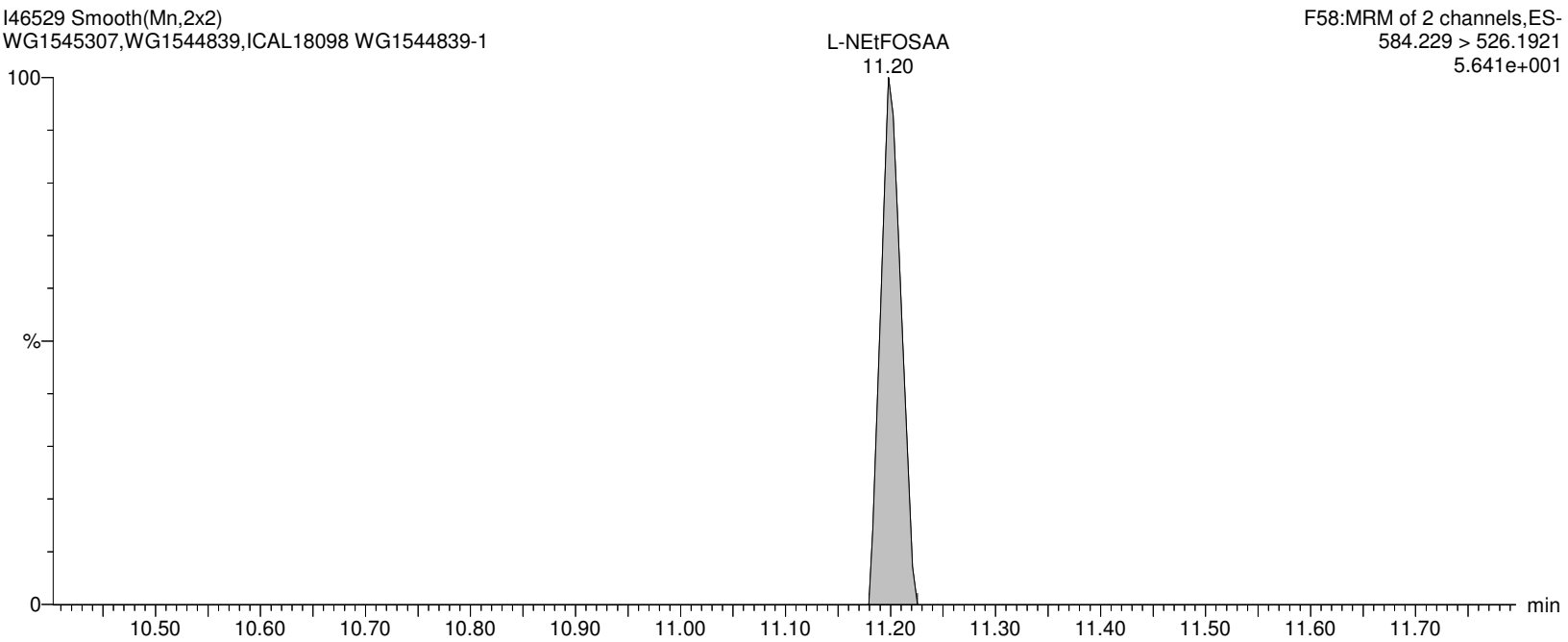
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSAA



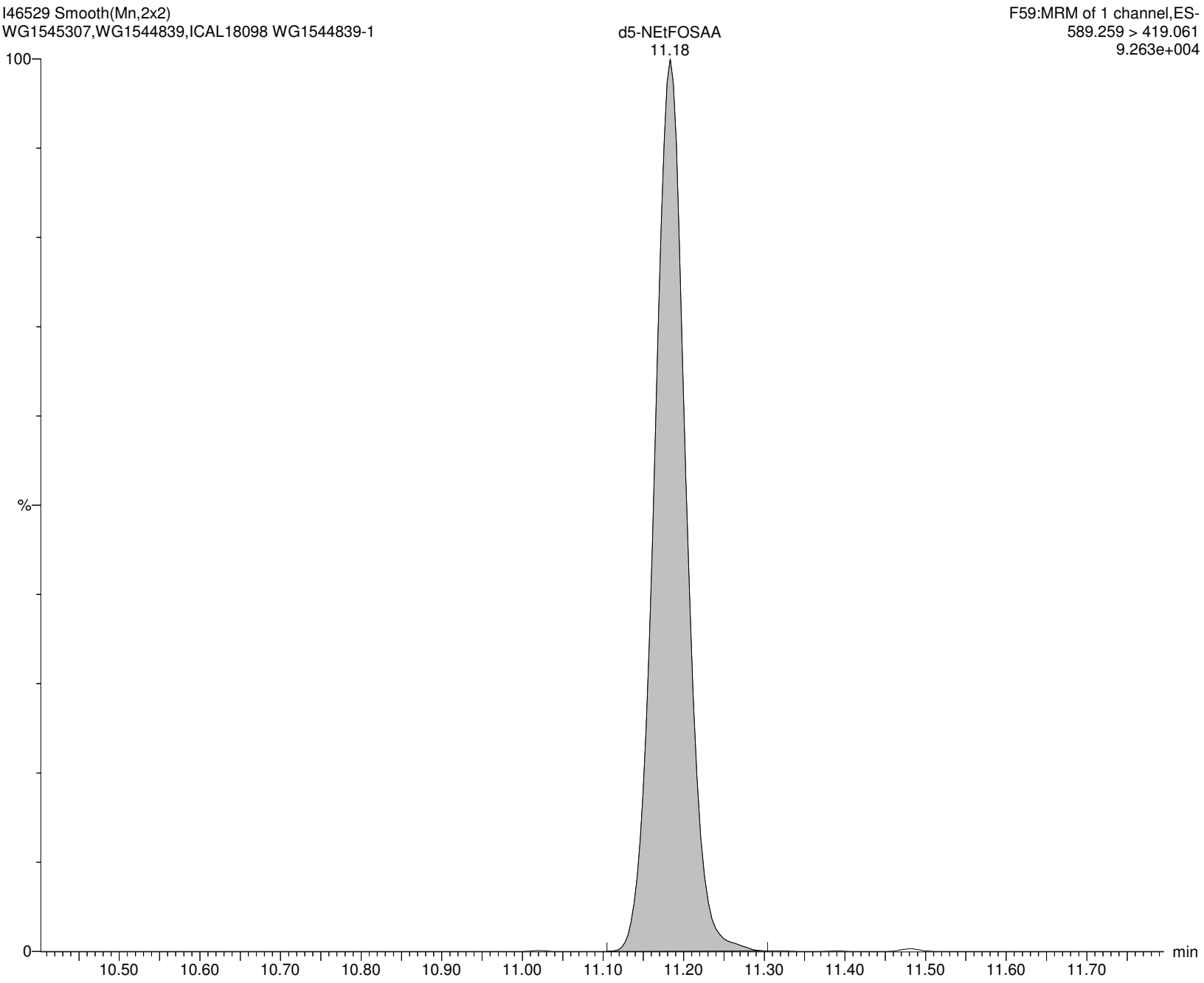


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSAA

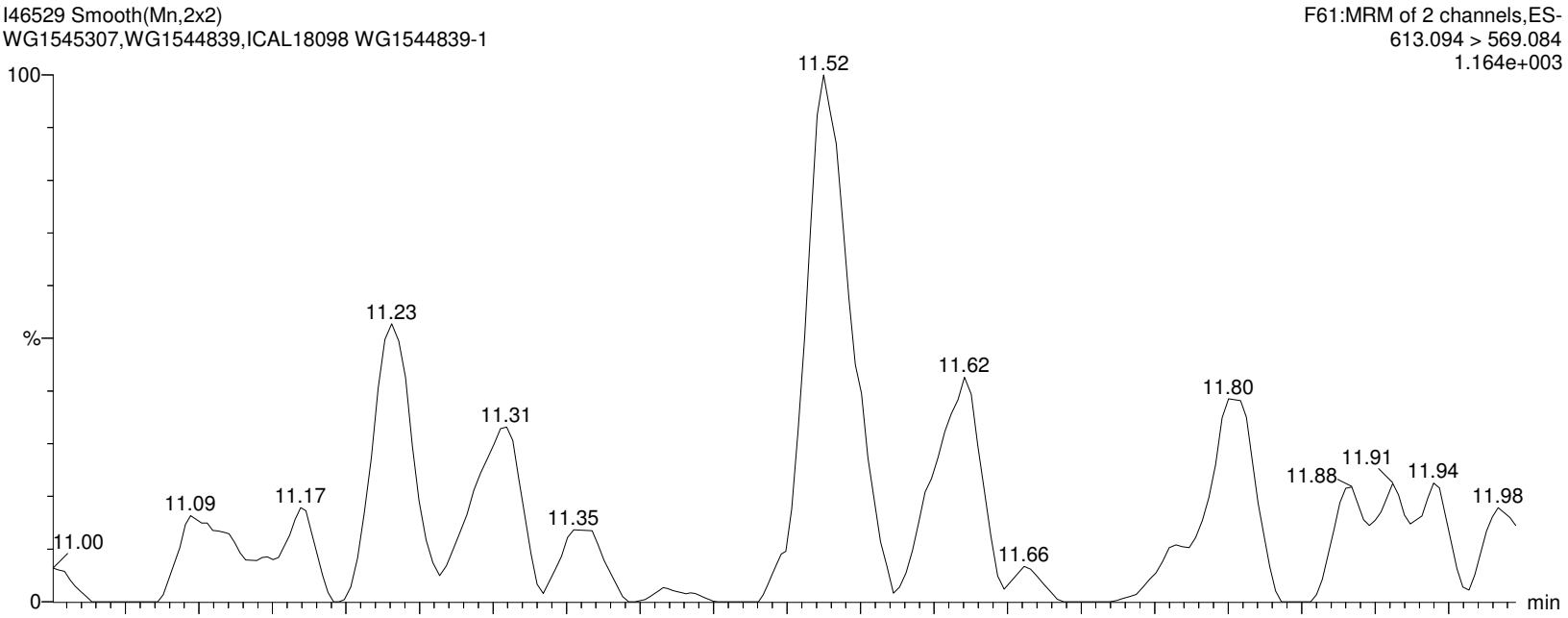


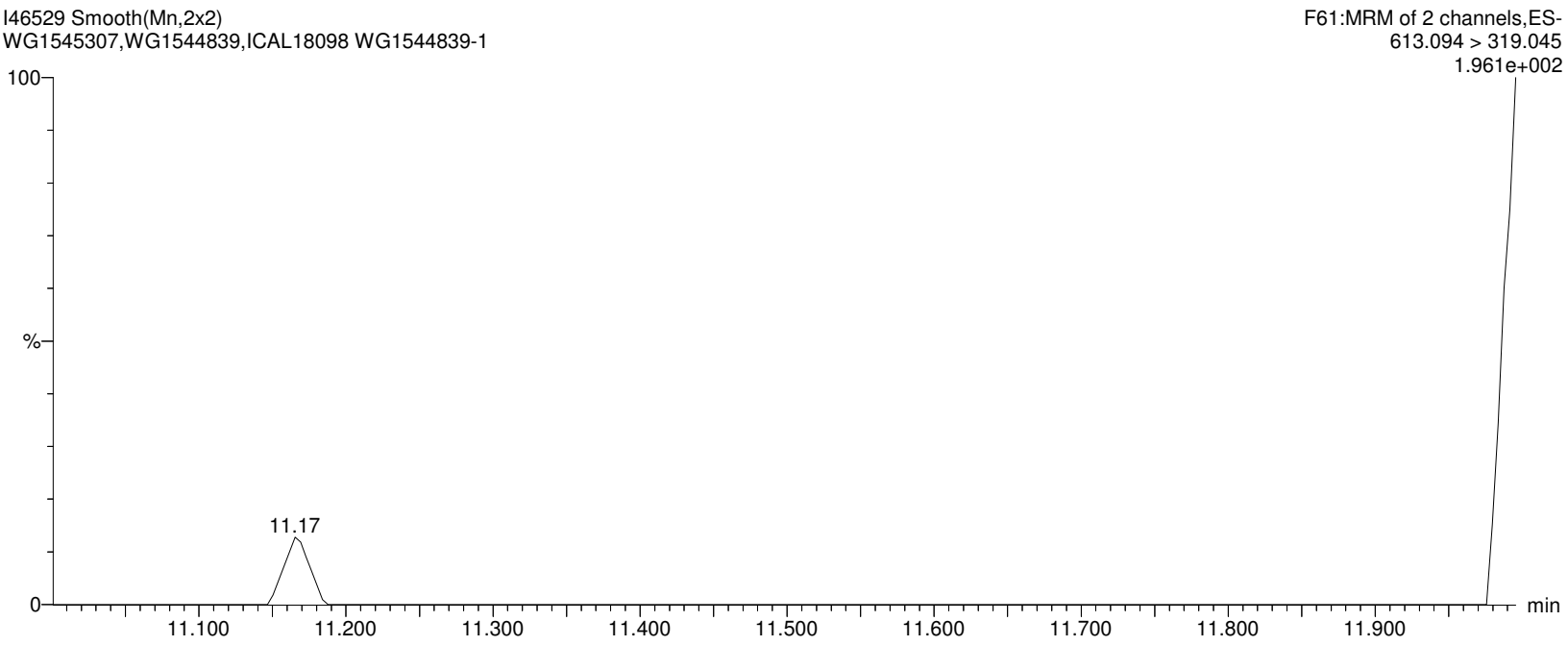
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoA



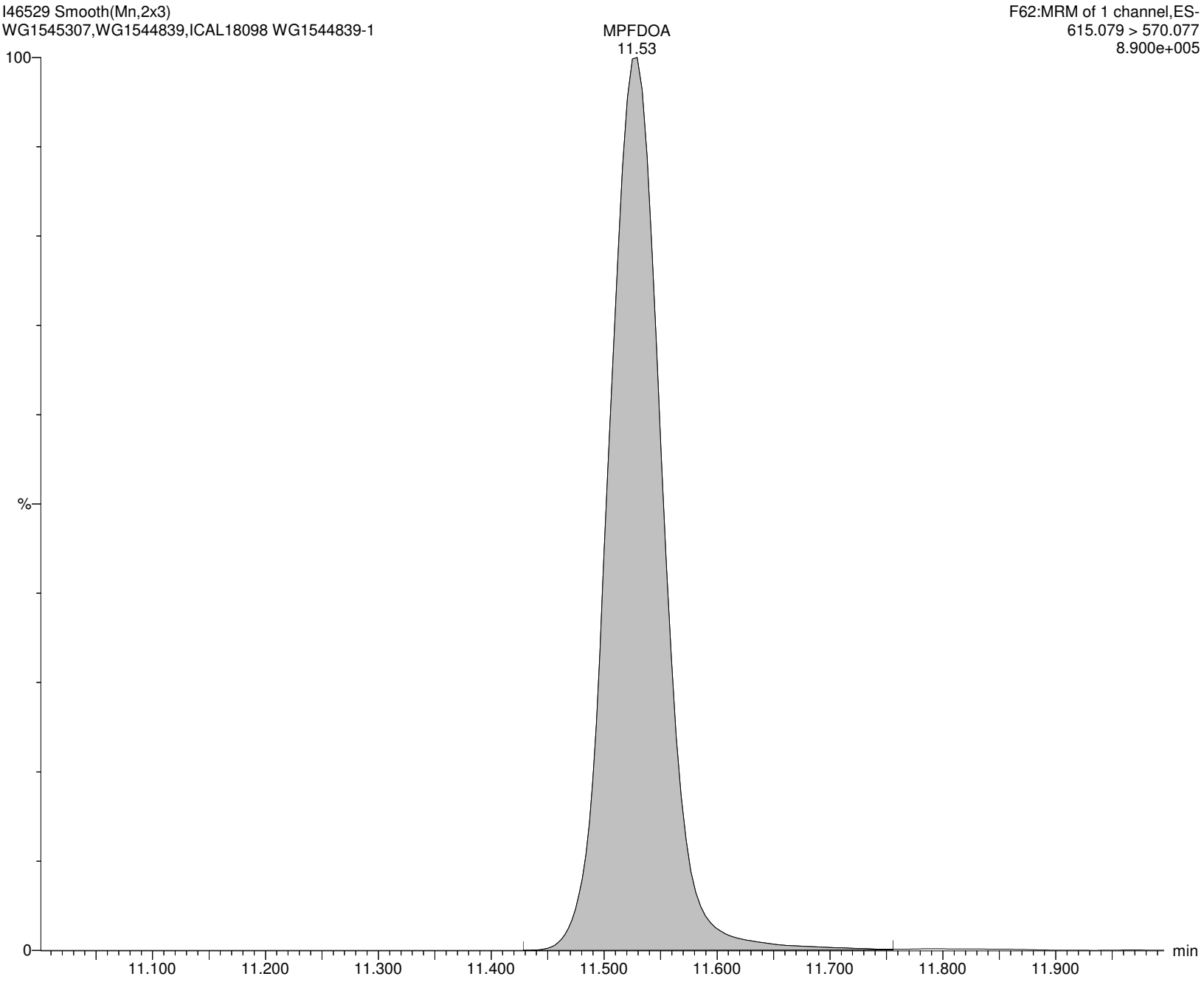


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFDOA

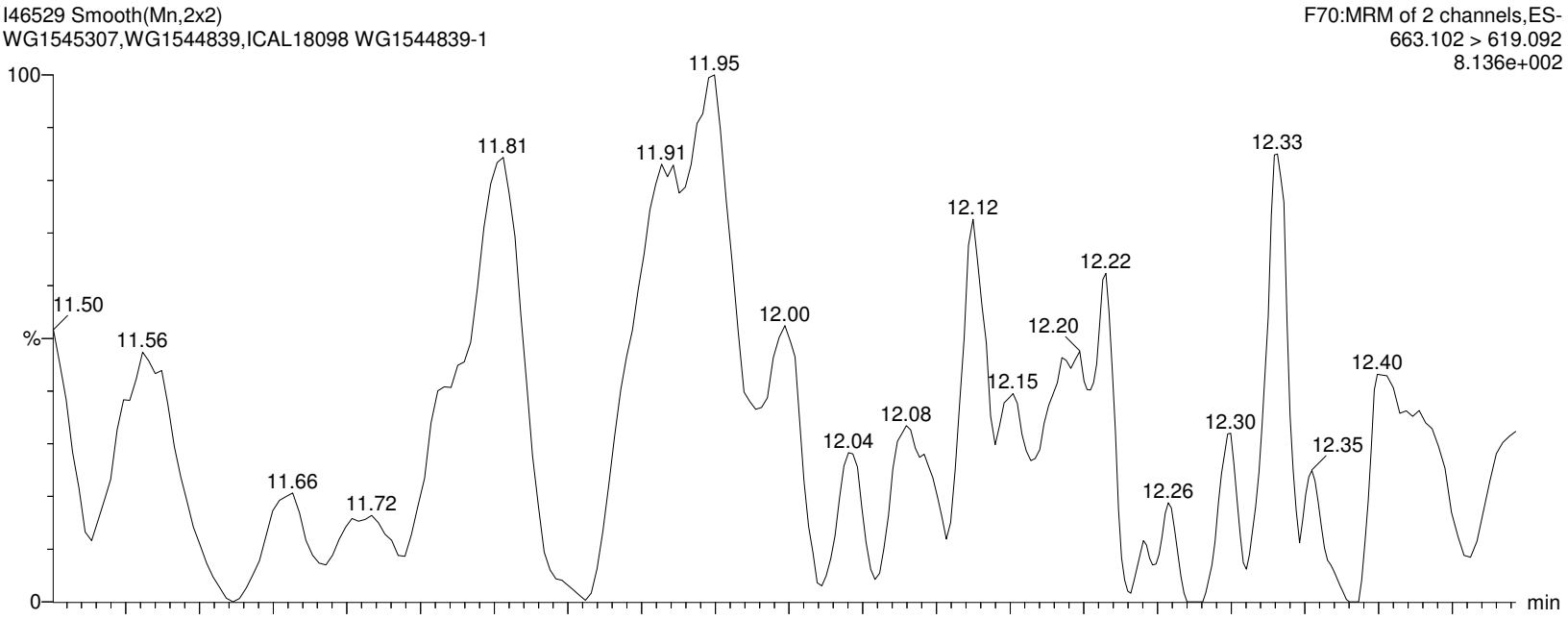


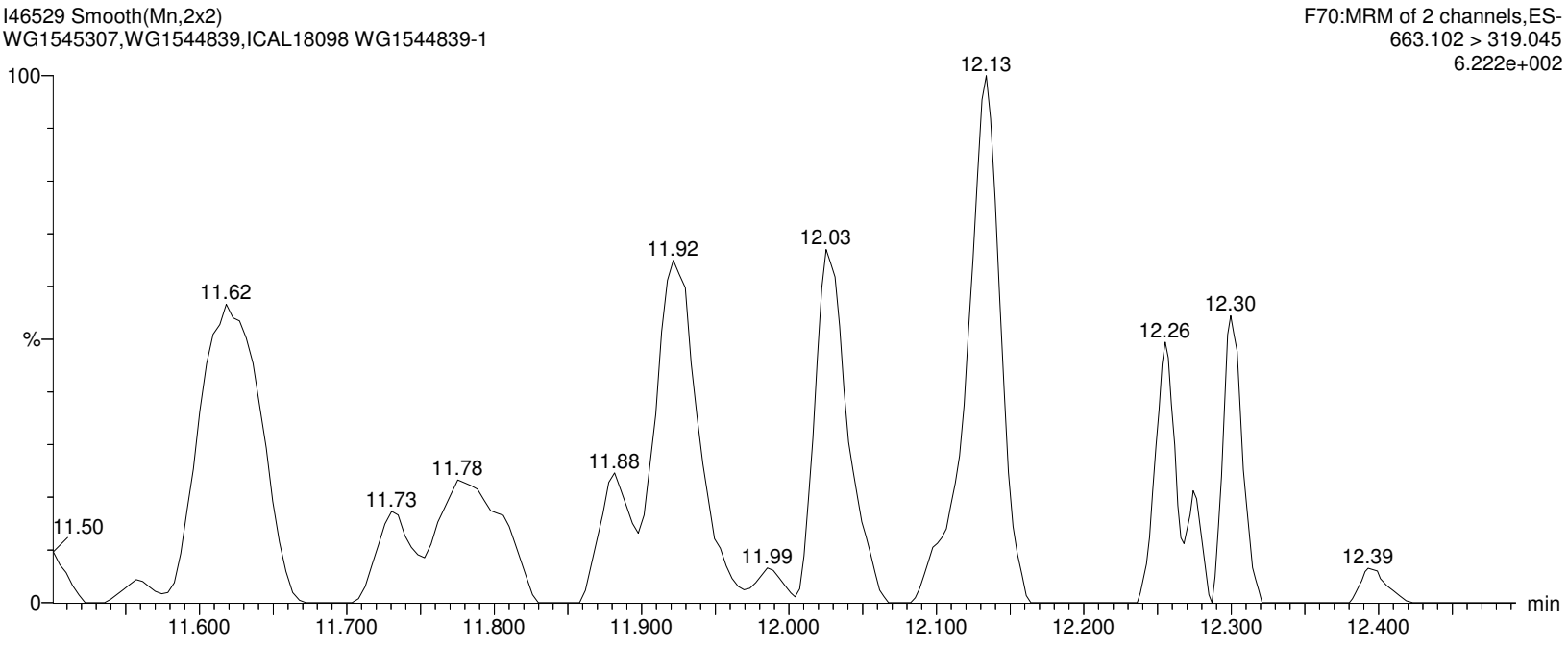
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTrDA



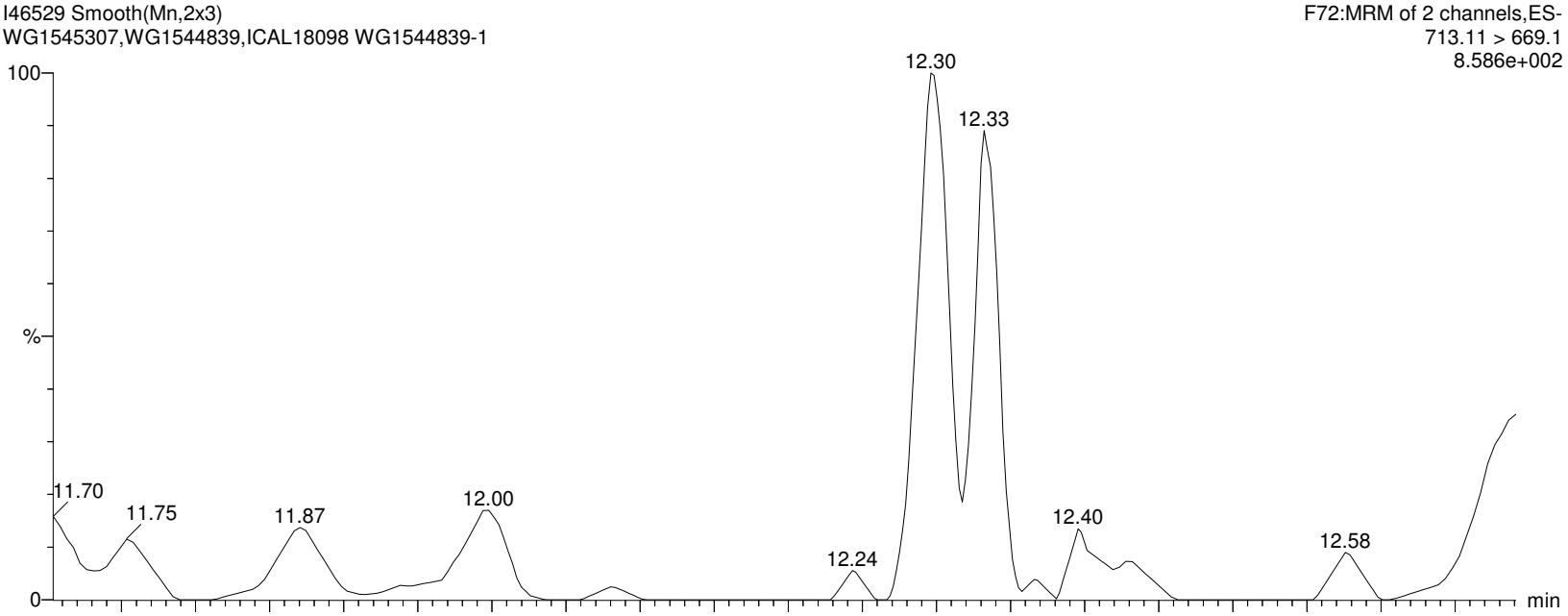


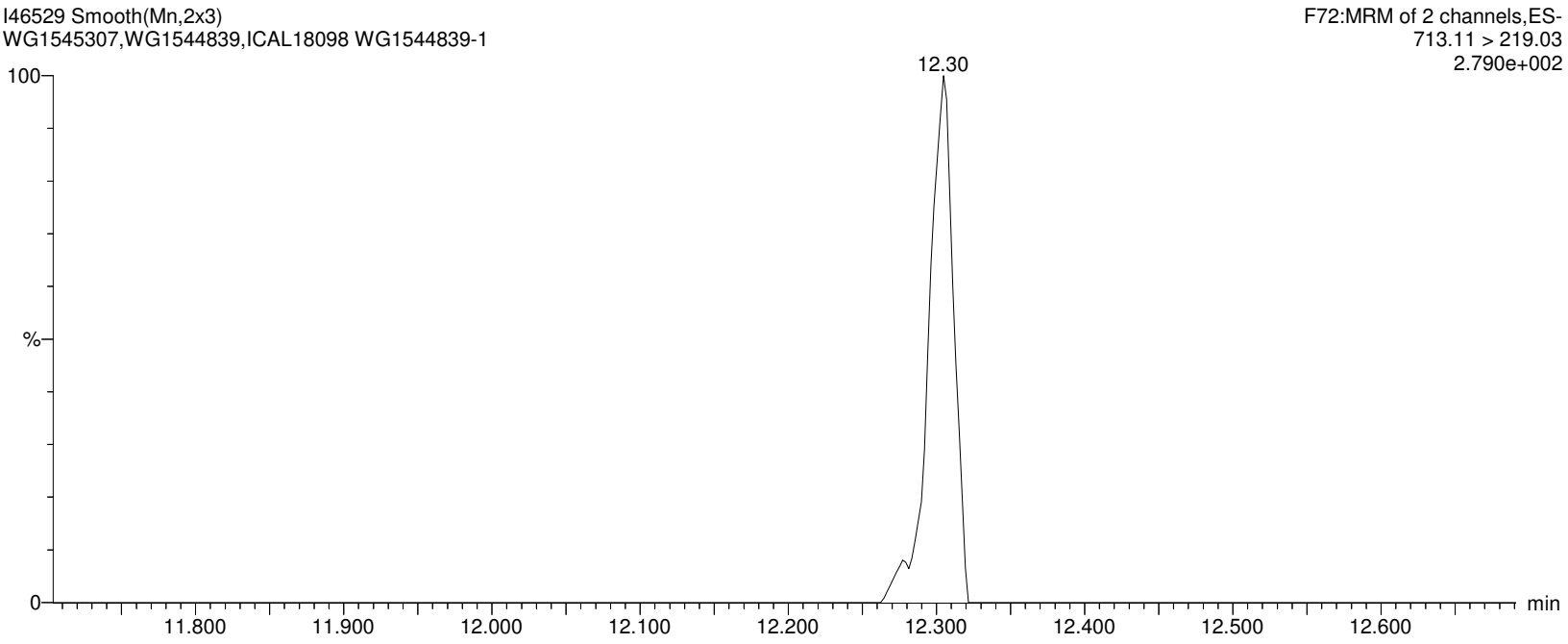
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTA



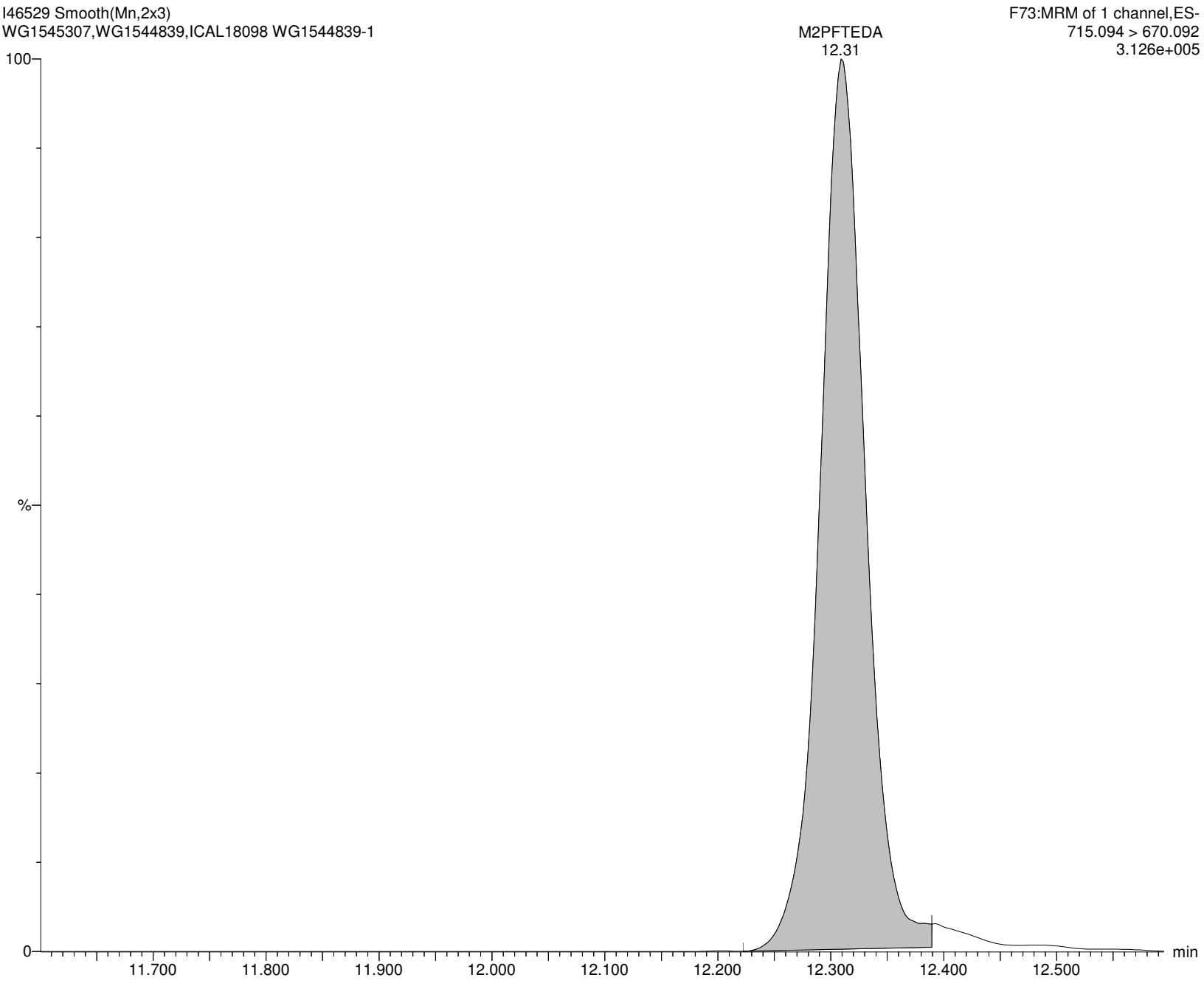


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFTEDA

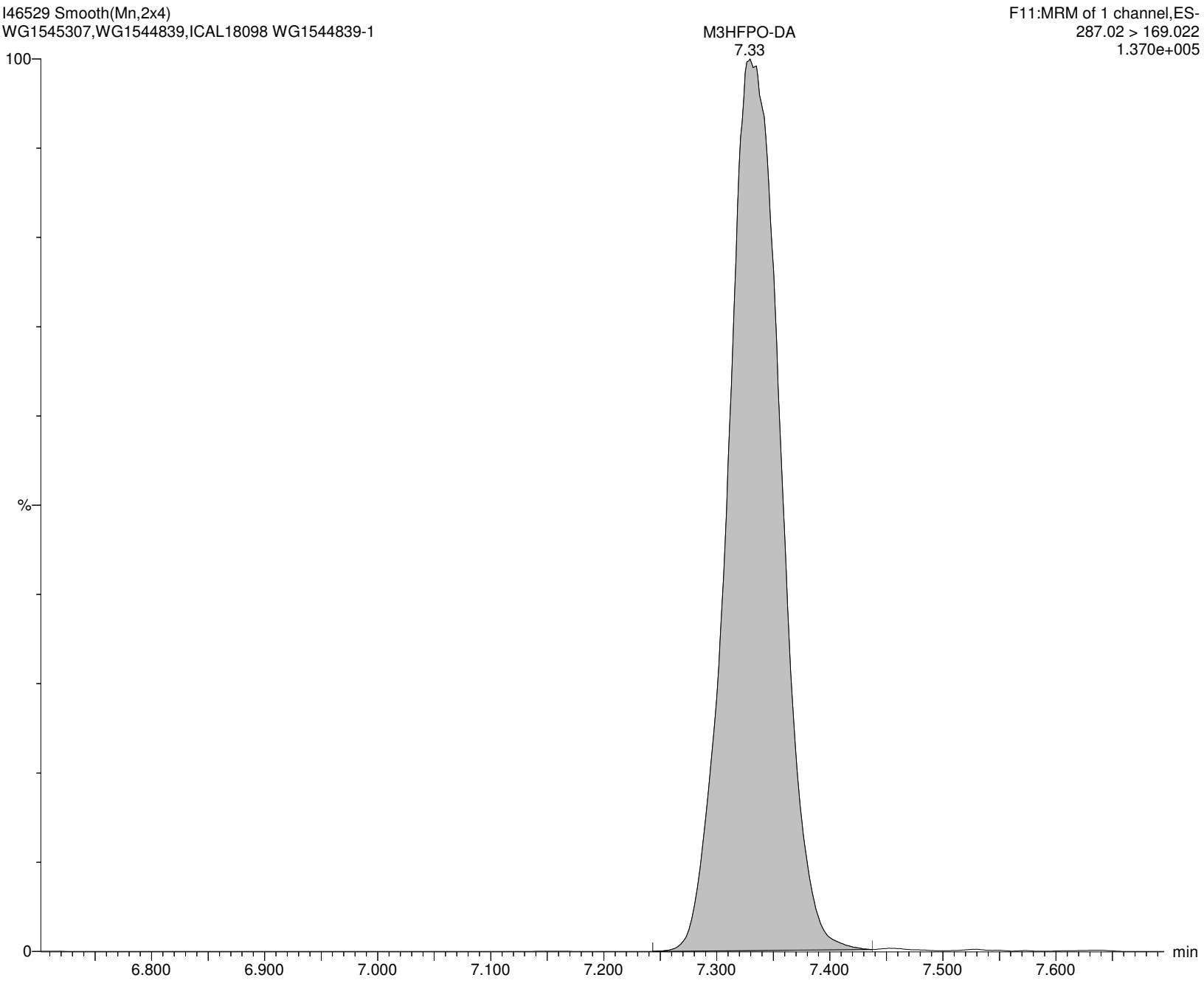


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3HFPO-DA

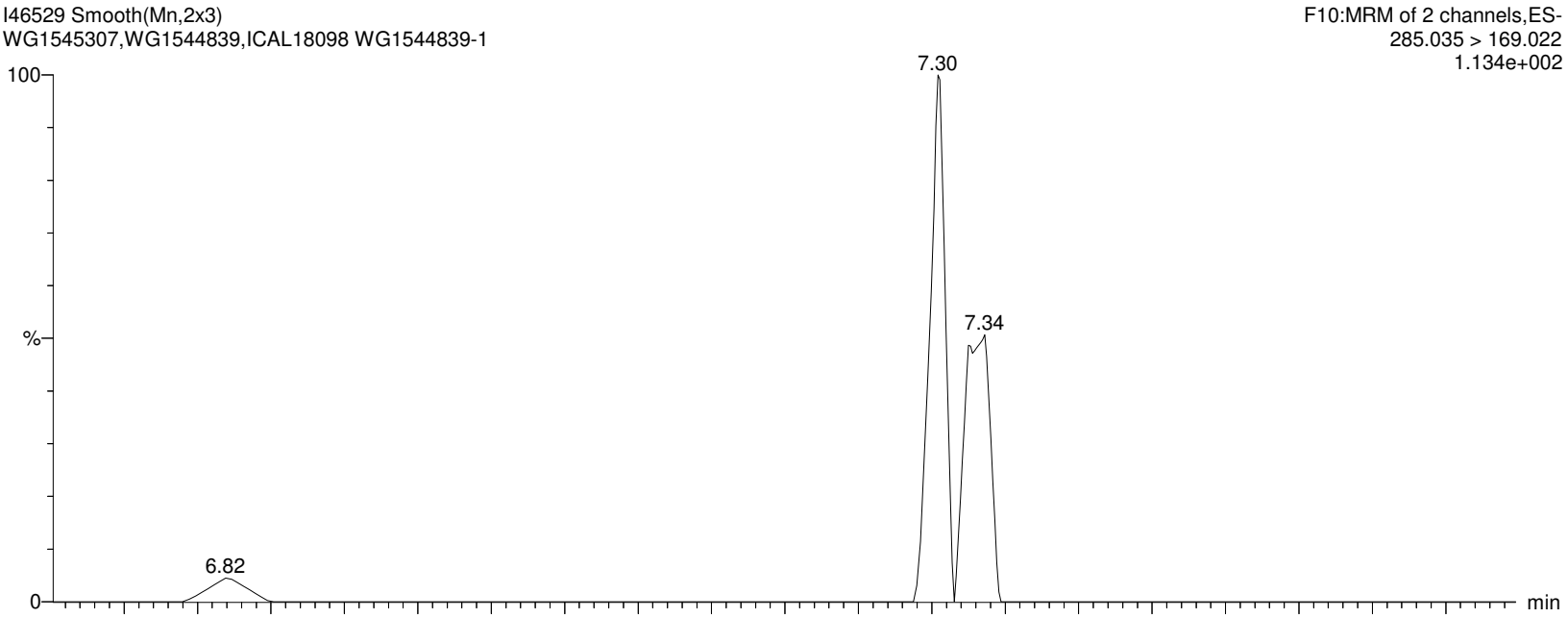


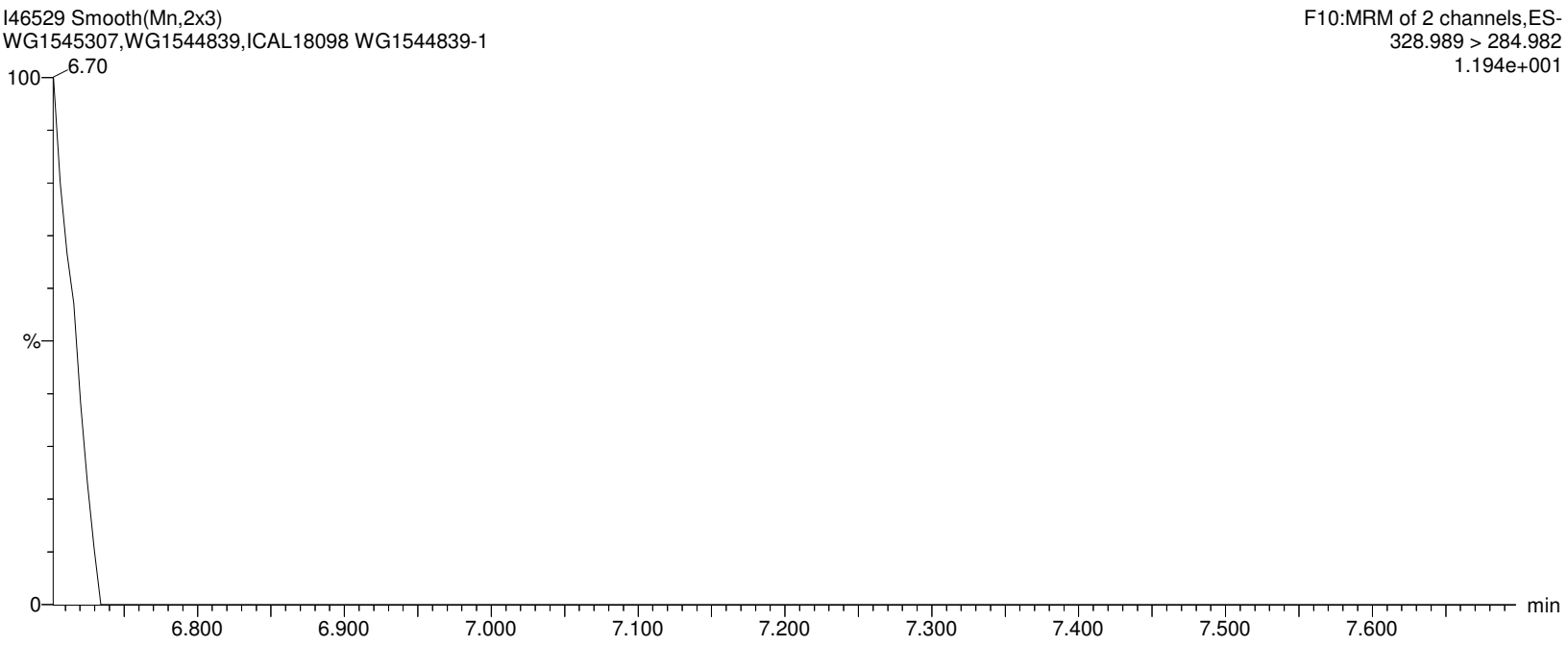
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

HFPO-DA



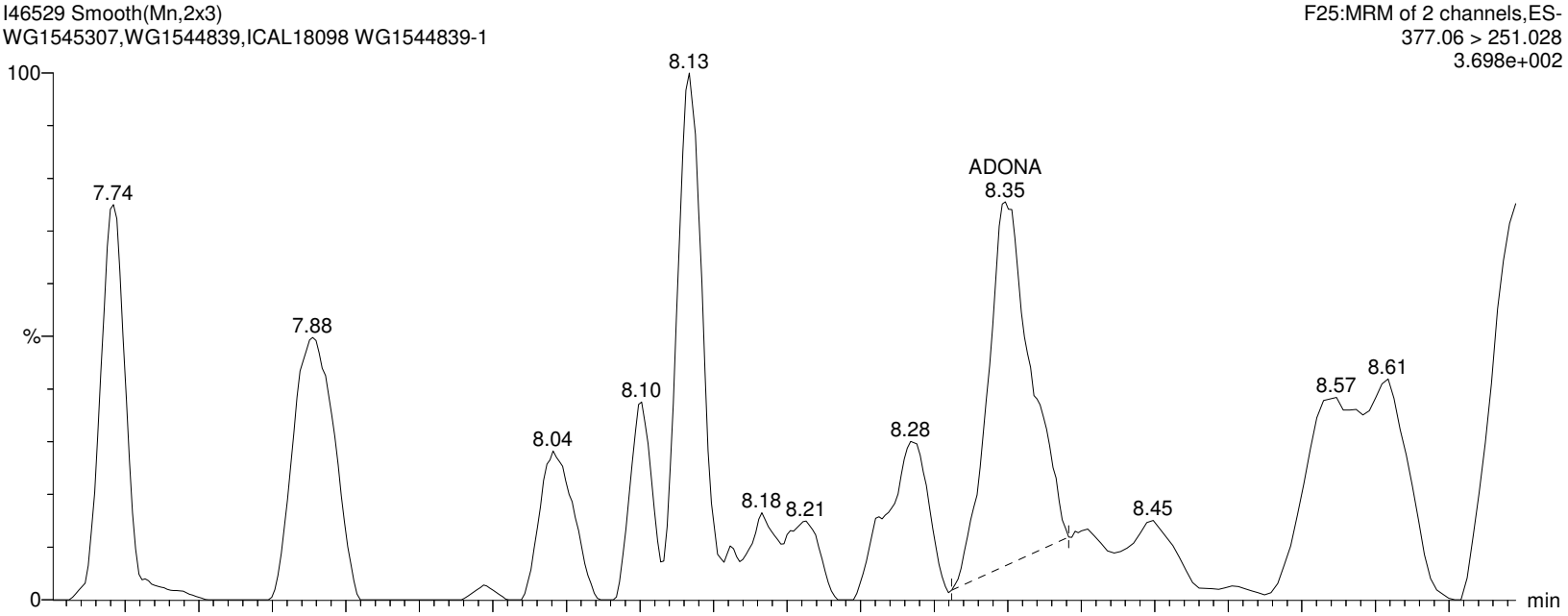


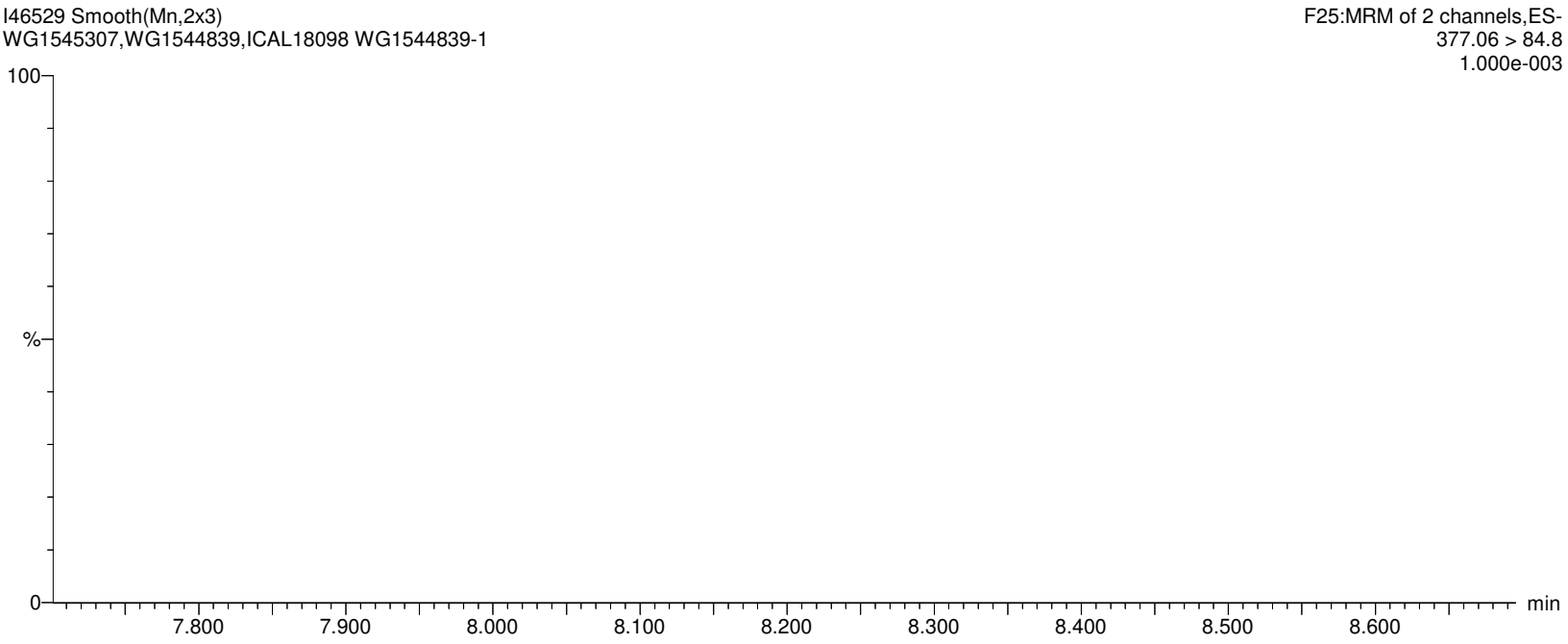
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

ADONA



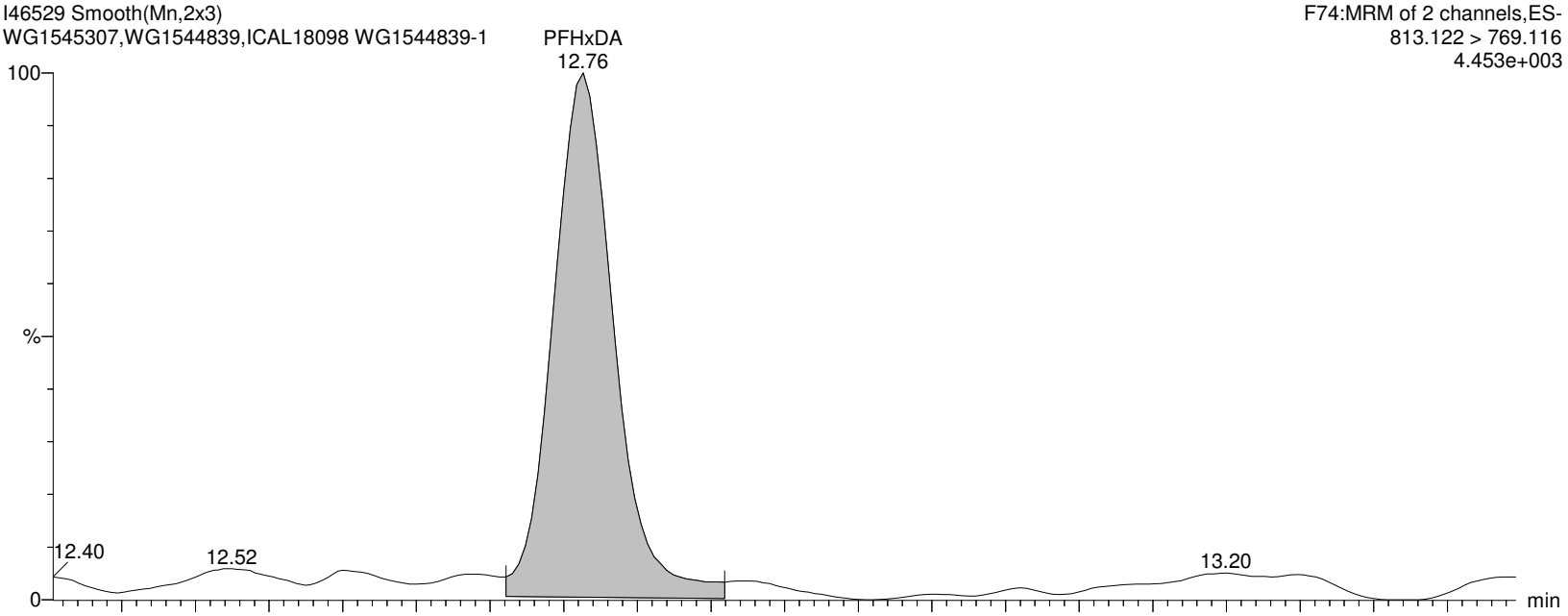


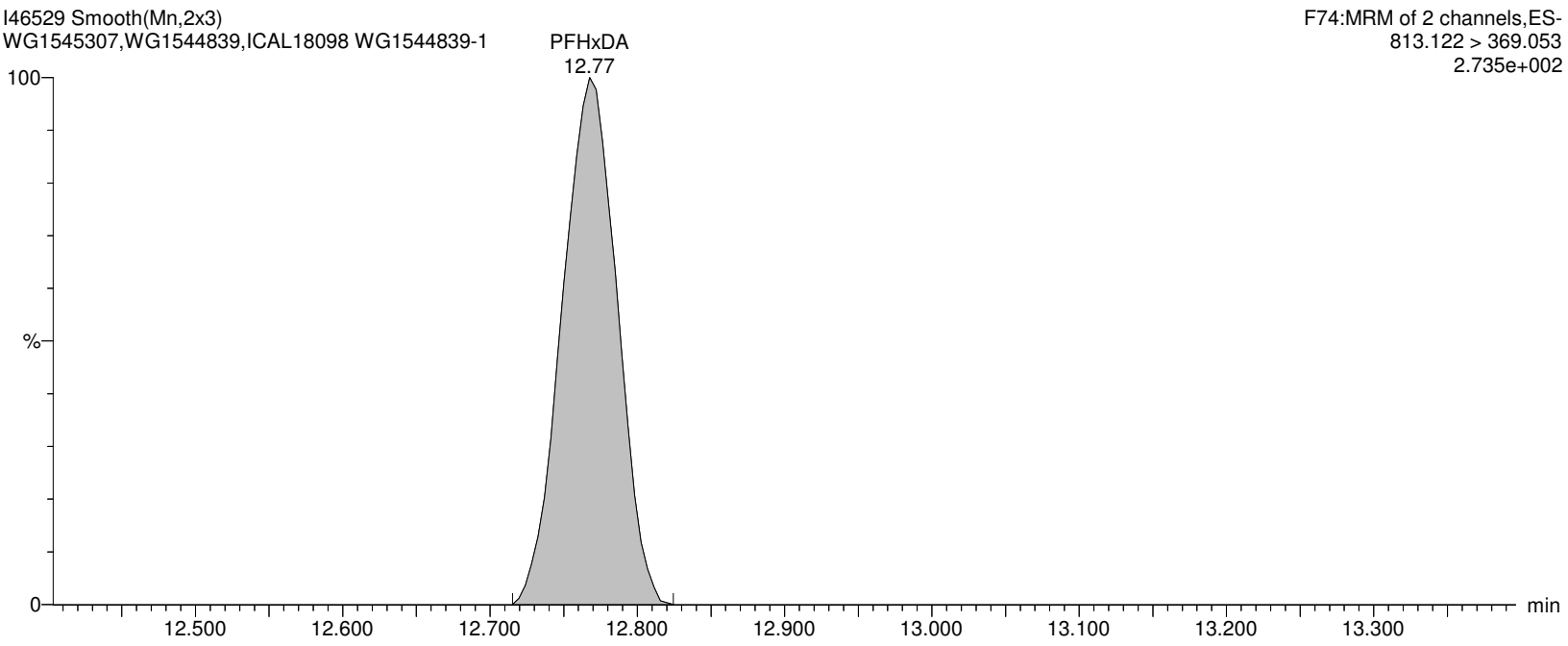
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxDA



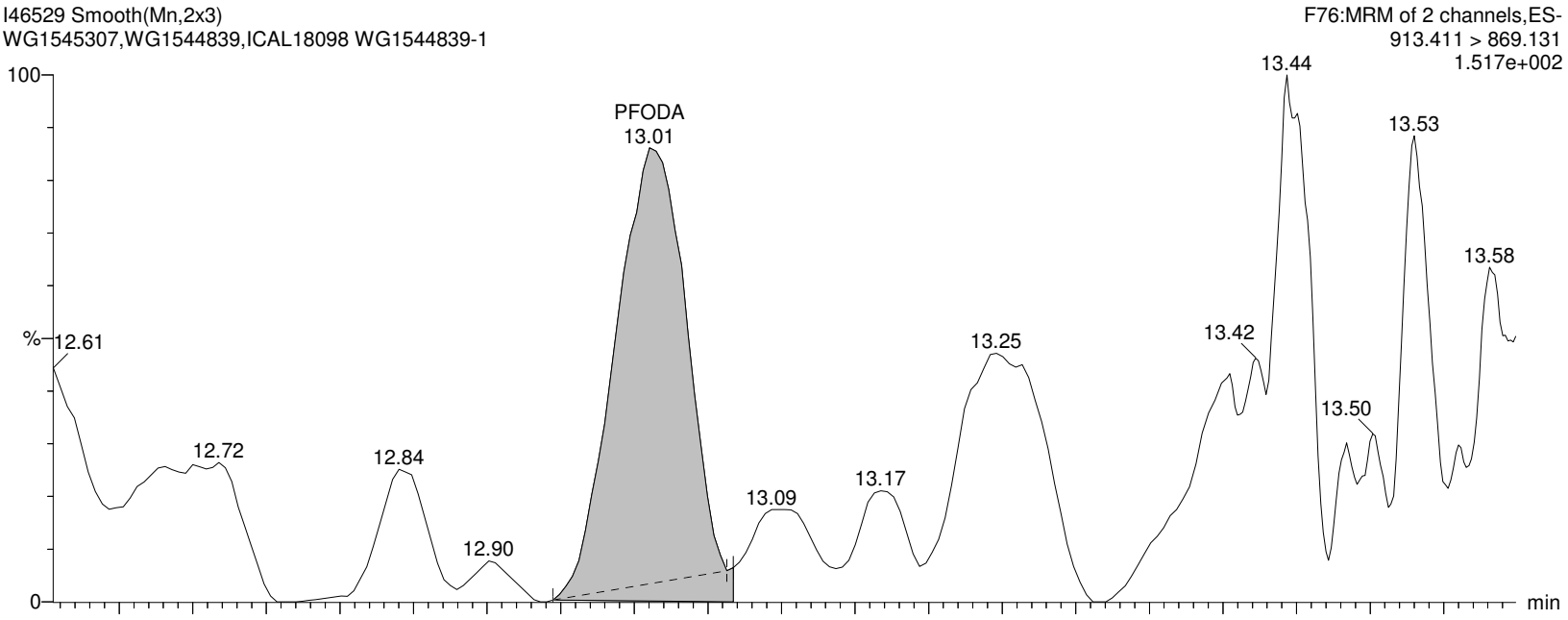


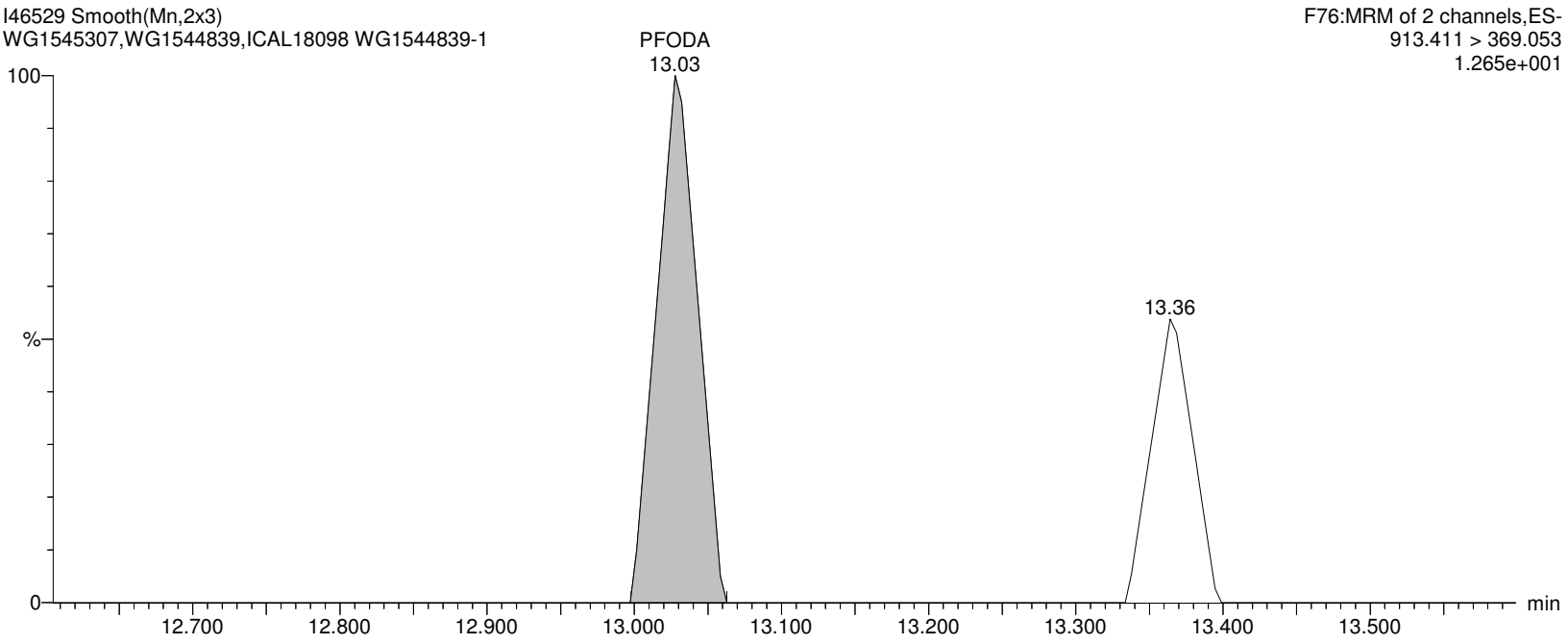
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFODA



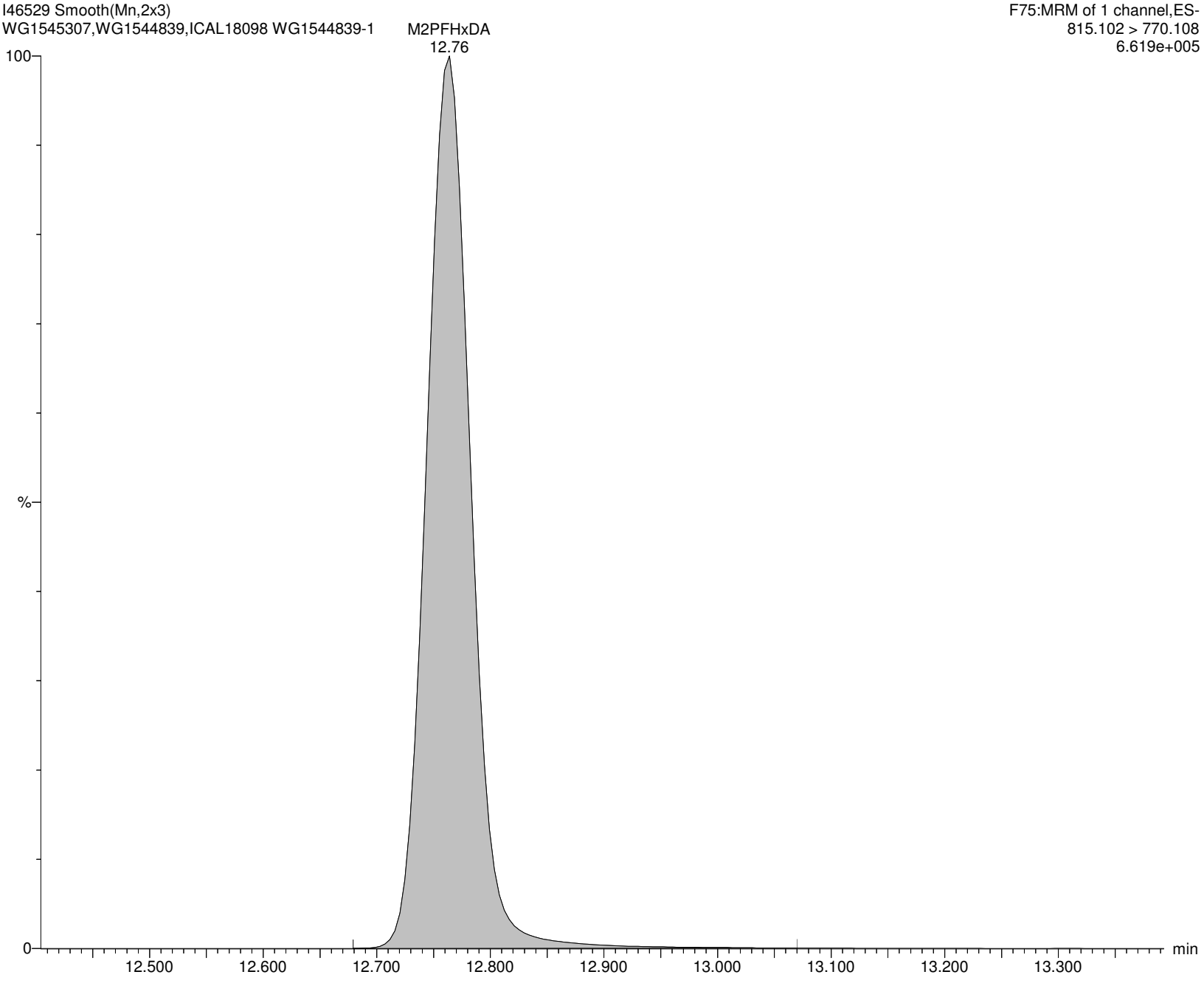


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:27 Eastern Daylight Time

Name: I46529
ID: WG1544839-1
Date: 11-Sep-2021
Time: 13:56:40
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFHxDA



all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210911_537.PRO\MethDB\537ISO_Q_210625_TOP_RT2.mdb 03 Sep 2021 08:44:20
Calibration: C:\MassLynx\Data\2021\210911_537.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

ID: WG1544839-2
Name: I46530
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:SG
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.10	213.032 > 169.022	55864		9.838		na	98.4
2	M3PFBA	INT STD	2.10	216.009 > 171.999	62450		11.896		na	119.0
3	MPFBA	INT STD	2.10	217.001 > 171.999	63803		9.502		na	95.0
4	PFPeA	2706-90-3	5.00	263.039 > 219.03	64656		9.407		na	94.1
5	M5PFPEA	INT STD	5.00	268.001 > 222.999	73048		9.914		na	99.1
6	PFBS	375-73-5	5.65	299.092 > 80.062	11519		8.722	1.92	NO	98.6
7	M3PFBS	INT STD	5.65	302.069 > 80.062	12156		9.385		na	93.8
8	4:2FTS	757124-72-4	6.82	327.146 > 307.139	4788		10.004	2.45	NO	107.0
9	M2-4:2FTS	INT STD	6.82	329.13 > 309.124	5032		9.695		na	97.0
10	PFHxA	307-24-4	6.90	313.047 > 269.037	66170		9.938	15.88	NO	99.4
11	M5PFHxA	INT STD	6.89	318.009 > 273.007	62749		10.599		na	106.0
12	PFPeS	2706-91-4	7.22	349.1 > 80.062	12029		9.669	2.23	NO	102.9
13	PFHpA	375-85-9	8.17	363.055 > 319.045	85247		9.748	5.59	NO	97.5
14	M4PFHpA	INT STD	8.17	367.025 > 322.022	86430		9.792		na	97.9
15	br-PFHxS	355-46-4	8.10	399.107 > 80.062	2222	M5,M7	1.839	2.17	NO	108.2
16	L-PFHxS	355-46-4	8.33	399.107 > 80.062	10854		7.067	1.64	NO	95.5
17	PFHxS	355-46-4		399.107 > 80.062	13076		8.906		na	
18	M3PFHxS	INT STD	8.33	402.084 > 80.062	14077		9.583		na	95.8
19	br-PFOA	335-67-1		413.063 > 369.053			ND		YES	
20	L-PFOA	335-67-1	9.11	413.063 > 369.053	89220		10.041	8.65	NO	100.4
21	PFOA	335-67-1		413.063 > 369.053	89220		10.041		na	
22	M8PFOA	INT STD	9.11	421.002 > 376.	92210		9.380		na	93.8
23	M2PFOA	INT STD	9.11	415.048 > 370.045	96826		9.142		na	91.4
24	6:2FTS	27619-97-2	9.07	427.161 > 407.155	4539		10.162	4.05	NO	107.0
25	M2-6:2FTS	INT STD	9.07	429.146 > 409.14	4658		8.742		na	87.4
26	PFHpS	375-92-8	9.20	449.115 > 80.062	8689		9.593	1.13	NO	101.0
27	PFNA	375-95-1	9.87	463.071 > 419.061	64585		9.555	3.78	NO	95.5
28	M9PFNA	INT STD	9.87	472.002 > 427.	27060		9.583		na	95.8
29	br-PFOS	1763-23-1	9.73	499.123 > 80.062	3126	M5,M7	2.228	4.21	NO	111.4
30	L-PFOS	1763-23-1	9.92	499.123 > 80.062	8720		7.777	1.73	NO	106.5
31	PFOS	1763-23-1		499.123 > 80.062	11846		10.005		na	
32	M4PFOS	INT STD	9.92	503.093 > 80.062	11740		10.372		na	103.7
33	M8PFOS	INT STD	9.92	507.062 > 80.062	12642		9.610		na	96.1
34	PFDA	335-76-2	10.50	513.078 > 469.069	59685		9.864	5.09	NO	98.6
35	M2PFDA	INT STD	10.50	515.053 > 469.934	58122		9.528		na	95.3
36	M6PFDA	INT STD	10.50	519.033 > 474.03	60809		9.217		na	92.2
37	8:2FTS	39108-34-4	10.49	527.177 > 507.171	2296		11.970	4.51	NO	124.7
38	M2-8:2FTS	INT STD	10.49	529.162 > 509.155	3070		7.837		na	78.4
39	PFNS	68259-12-1	10.53	549.131 > 80.062	9798		10.033	1.41	NO	104.5

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

ID: WG1544839-2
Name: I46530
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:SG
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.89	573.22 > 419.061	4981		8.010		na	80.1
41	br-NMeFOSAA		10.74	570.202 > 419.061	508	M5,M7	2.612	1.37	NO	108.9
42	L-NMeFOSAA		10.90	570.202 > 419.061	4173		7.690	2.37	NO	101.2
43	NMeFOSAA	2355-31-9		570.202 > 419.061	4681		10.302		na	
44	PFUnA	2058-94-8	11.05	563.086 > 519.076	58669		9.772	9.51	NO	97.7
45	M7-PFUDA	INT STD	11.05	570.033 > 525.031	59522		9.675		na	96.7
46	PFDS	335-77-3	11.06	599.139 > 80.062	10624		10.124	1.73	NO	104.9
47	FOSA	754-91-6	10.97	498.146 > 78.07	5391	M7	9.746	105.93	NO	97.5
48	M8FOSA	INT STD	10.97	506.077 > 78.07	6461		1.809		na	18.1
49	br-NEtFOSAA		11.05	584.229 > 419.061	350	M5,M7	2.452	0.60	NO	109.0
50	L-NEtFOSAA		11.19	584.229 > 419.061	3168		7.504	1.14	NO	96.8
51	NEtFOSAA	2991-50-6		584.229 > 419.061	3518		9.956		na	
52	d5-NEtFOSAA	INT STD	11.18	589.259 > 419.061	4279		8.328		na	83.3
53	PFDoA	307-55-1	11.52	613.094 > 569.084	51997		9.984	19.71	NO	99.8
54	MPFDOA	INT STD	11.52	615.079 > 570.077	49597		8.356		na	83.6
55	PFTrDA	72629-94-8	11.94	663.102 > 619.092	45779		12.303	10.59	NO	123.0
56	PFTA	376-06-7	12.31	713.11 > 669.1	29584		10.110	9.43	NO	101.1
57	M2PFTEDA	INT STD	12.31	715.094 > 670.092	15029		8.073		na	80.7
58	M3HFPO-DA	INT STD	7.32	287.02 > 169.022	6437	M1	234.960		na	117.5
59	HFPO-DA	13252-13-6	7.32	285.035 > 169.022	3599	M1	115.181	5.19	NO	115.2
60	ADONA	958445-44-8	8.35	377.06 > 251.028	72889		9.954	37.82	NO	105.2
61	PFHxDA		12.76	813.122 > 769.116	23346		12.105	20.98	NO	121.1
62	PFODA		12.98	913.411 > 869.131	718		3.043	25.86	NO	30.4
63	M2PFHxDA		12.76	815.102 > 770.108	29170		10.697		na	107.0

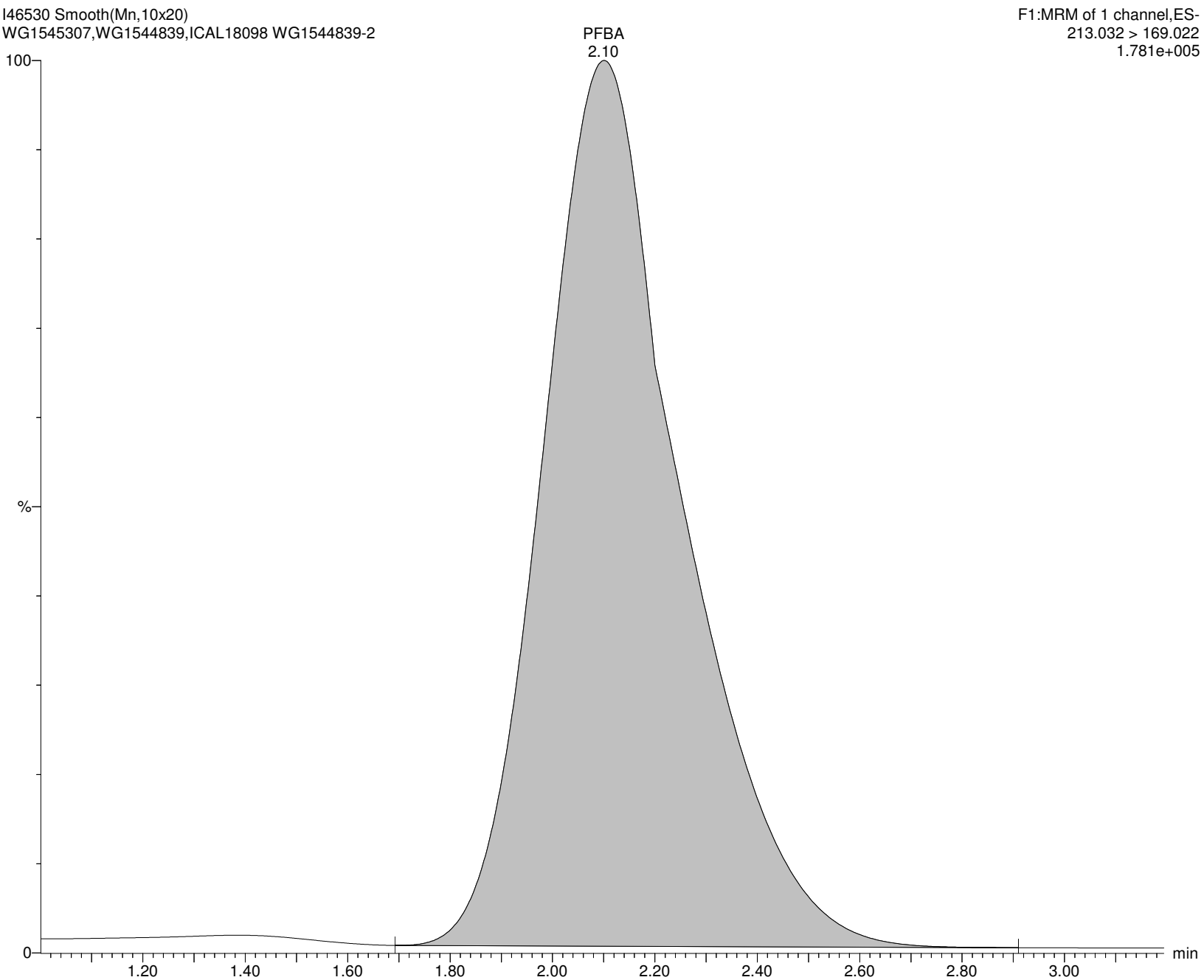
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210911_537.PRO\MethDB\537ISO_Q_210625_TOP_RT2.mdb 03 Sep 2021 08:44:20
Calibration: C:\MassLynx\Data\2021\210911_537.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBA

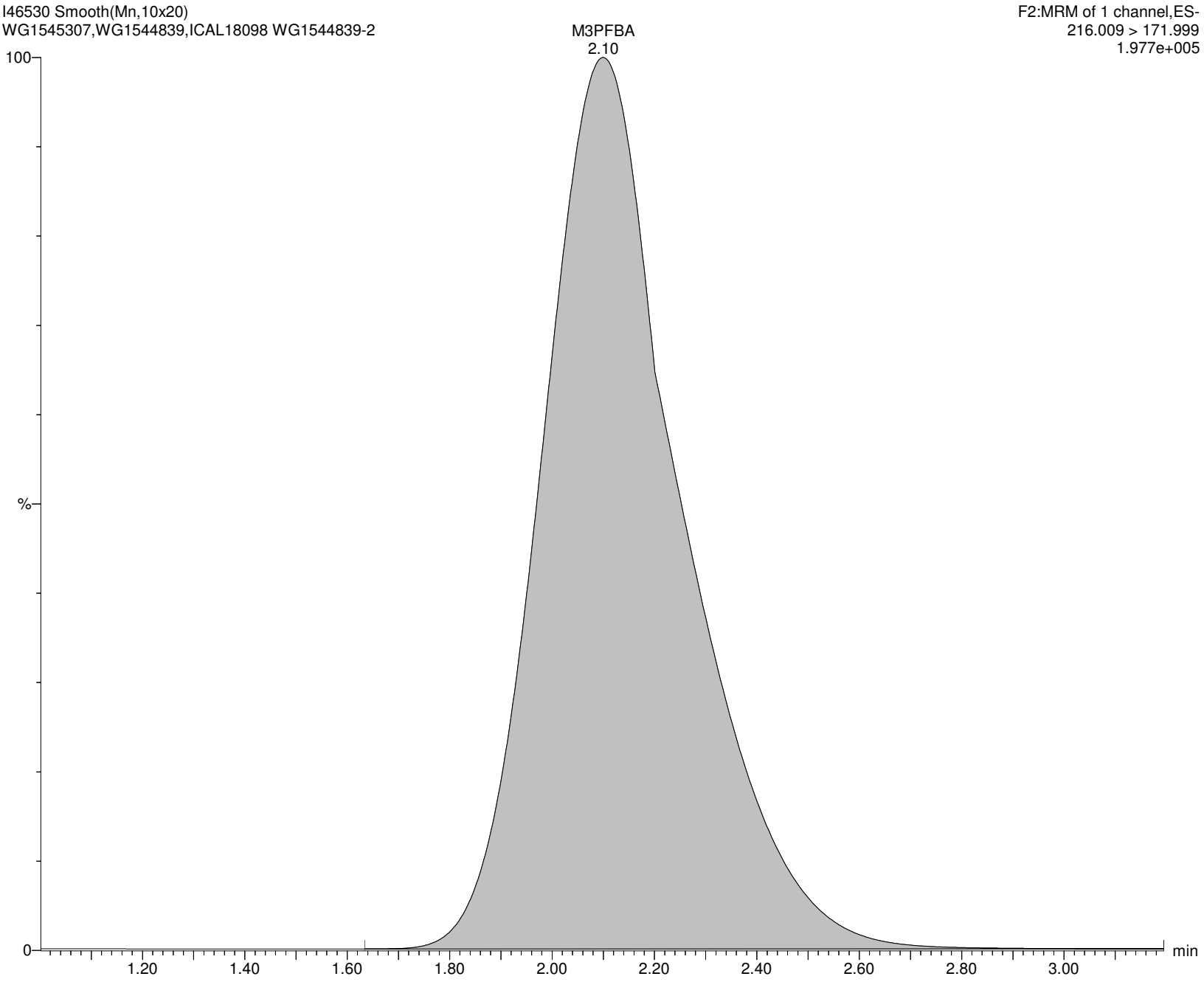


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBA

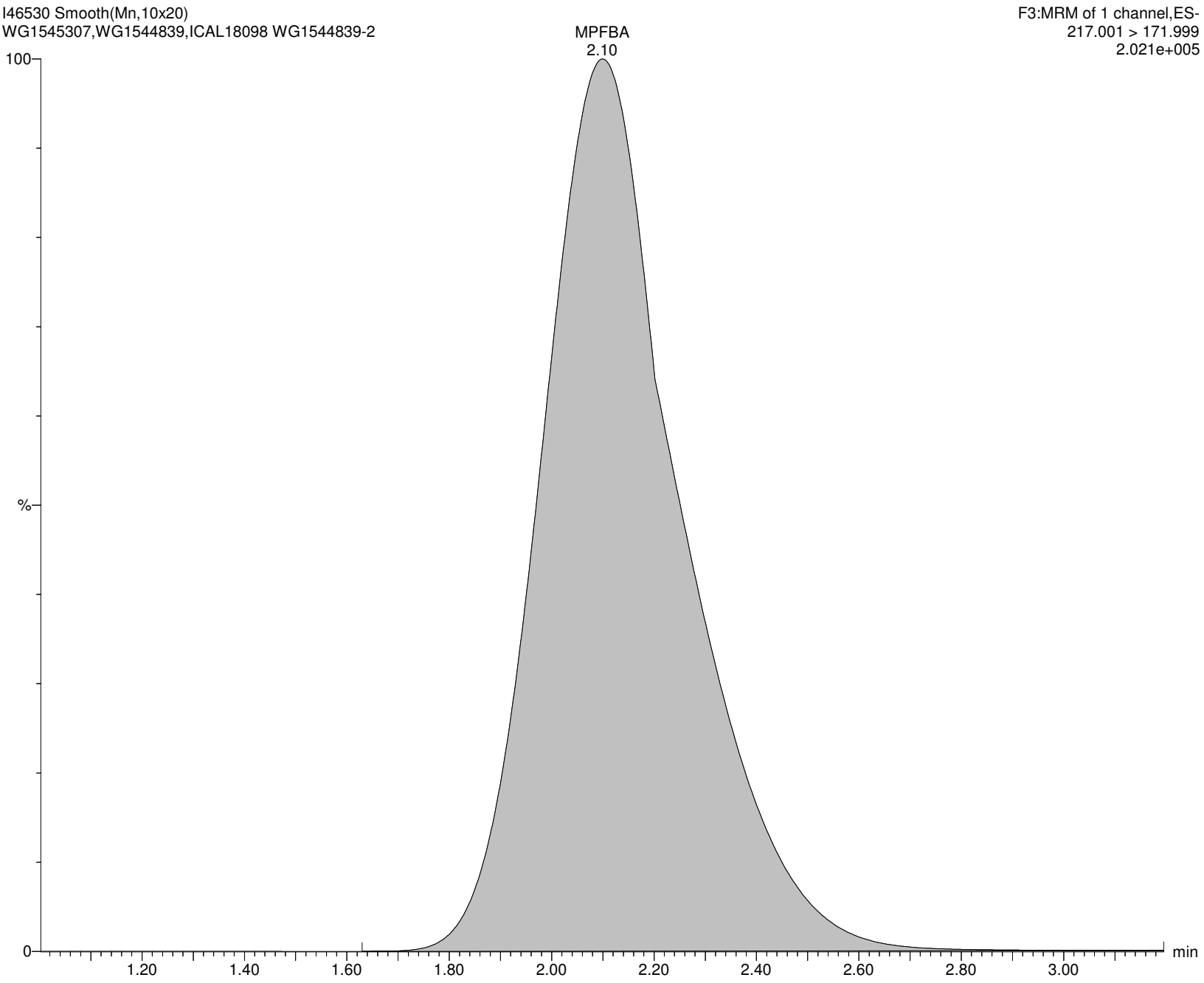


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFBA

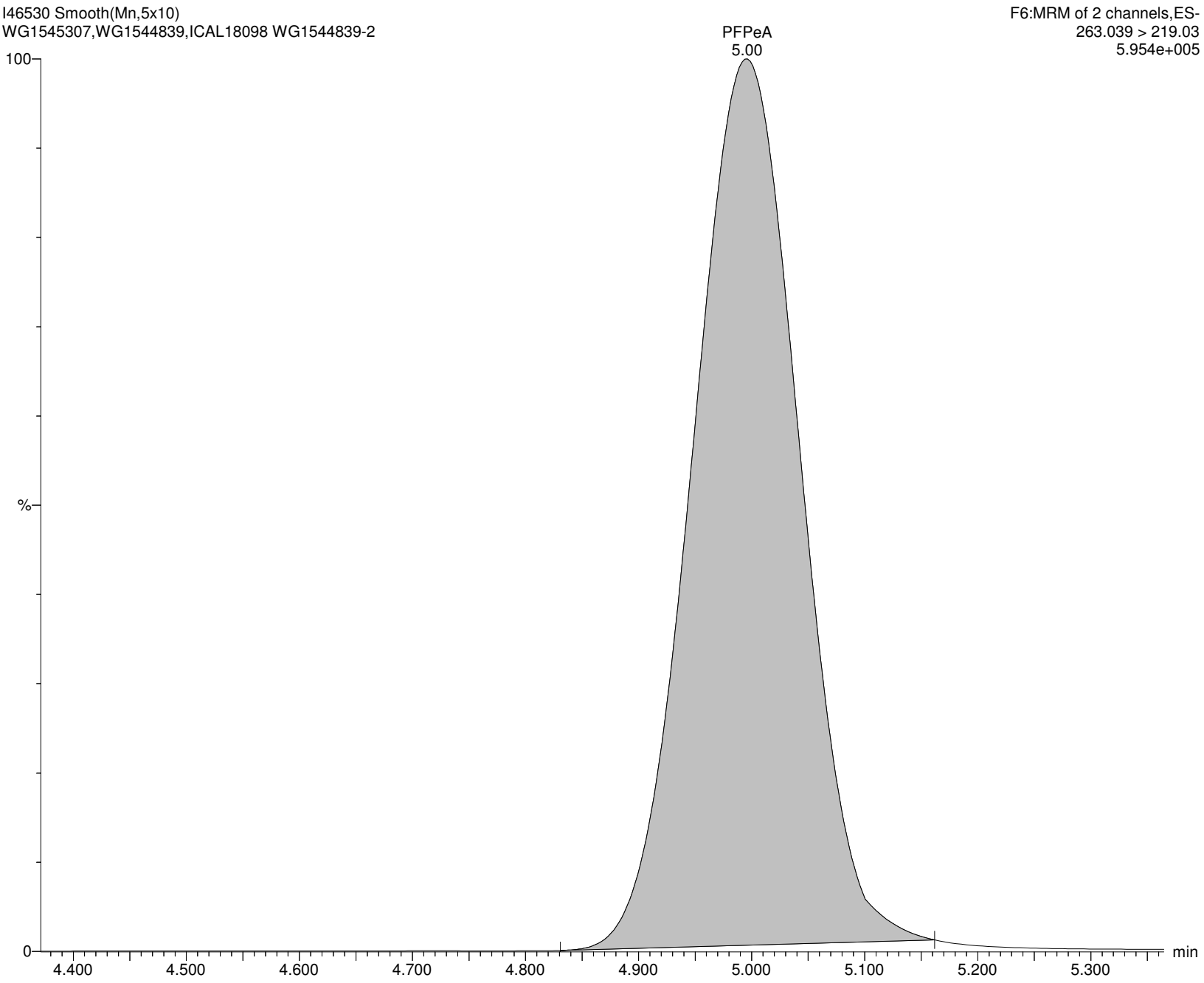


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeA

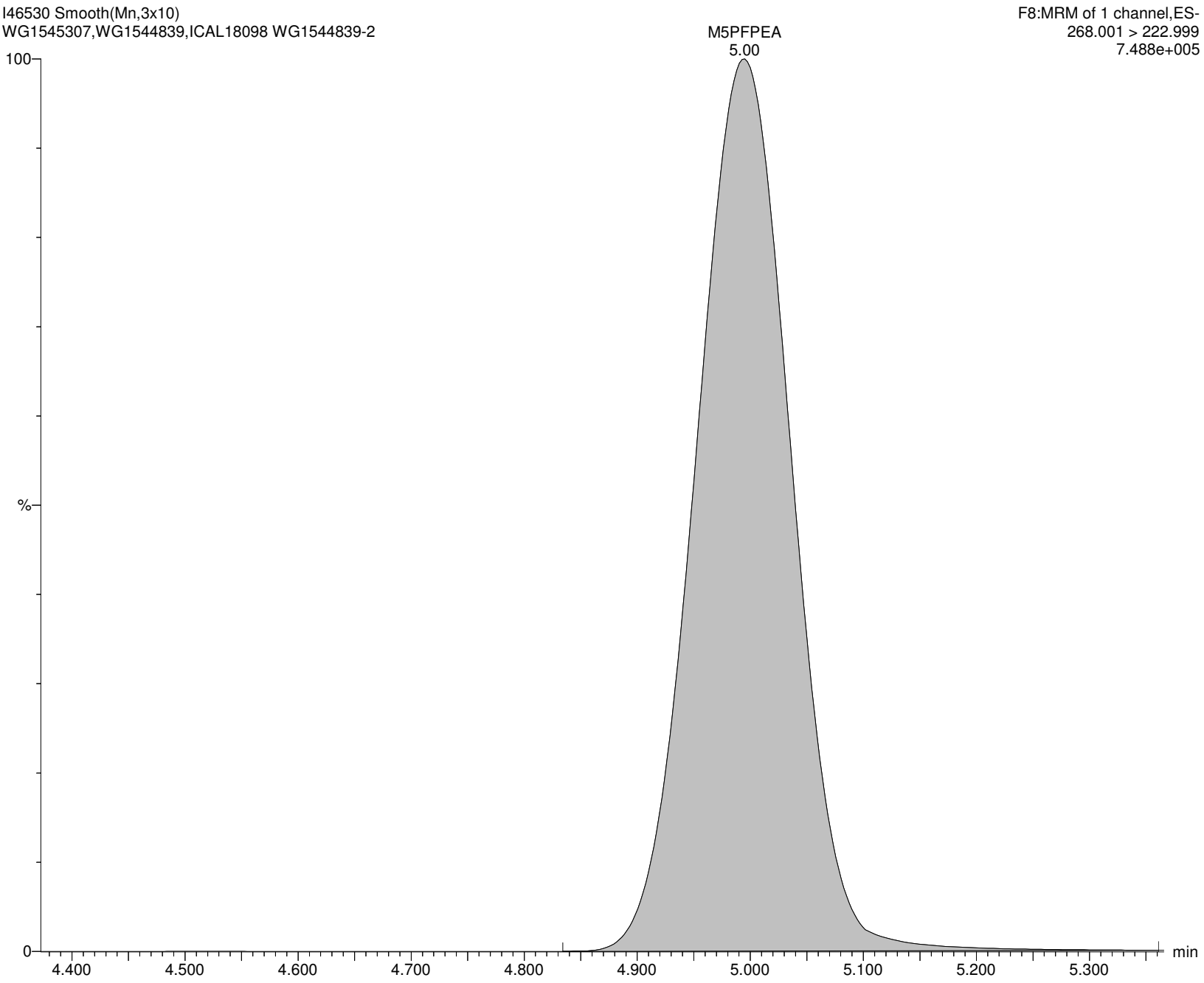


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFPEA

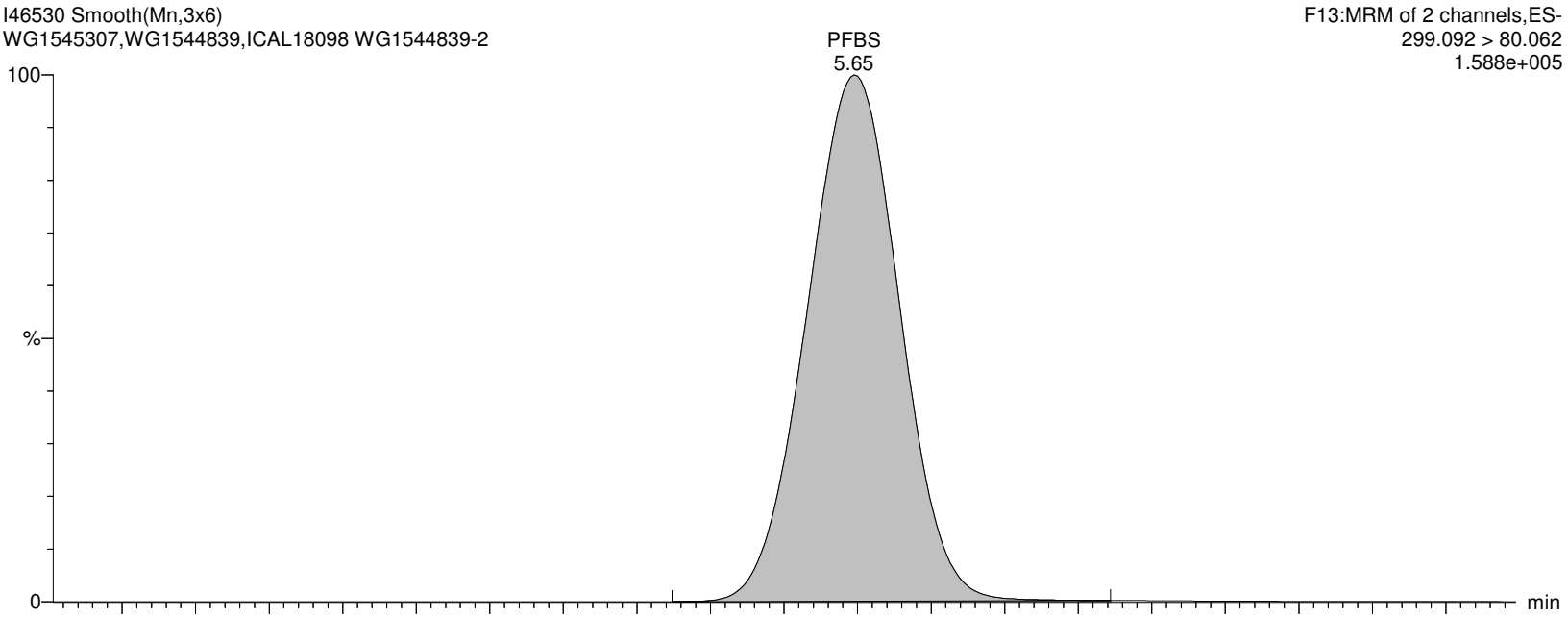


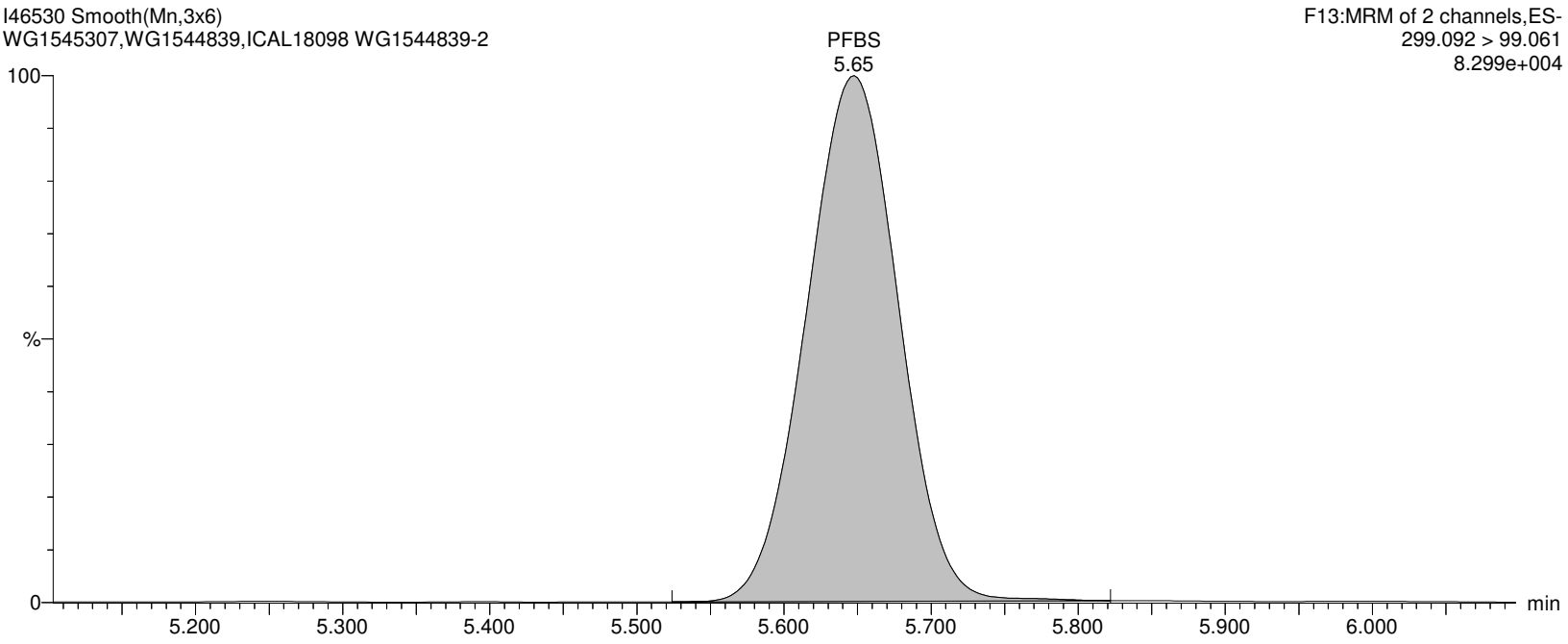
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBS



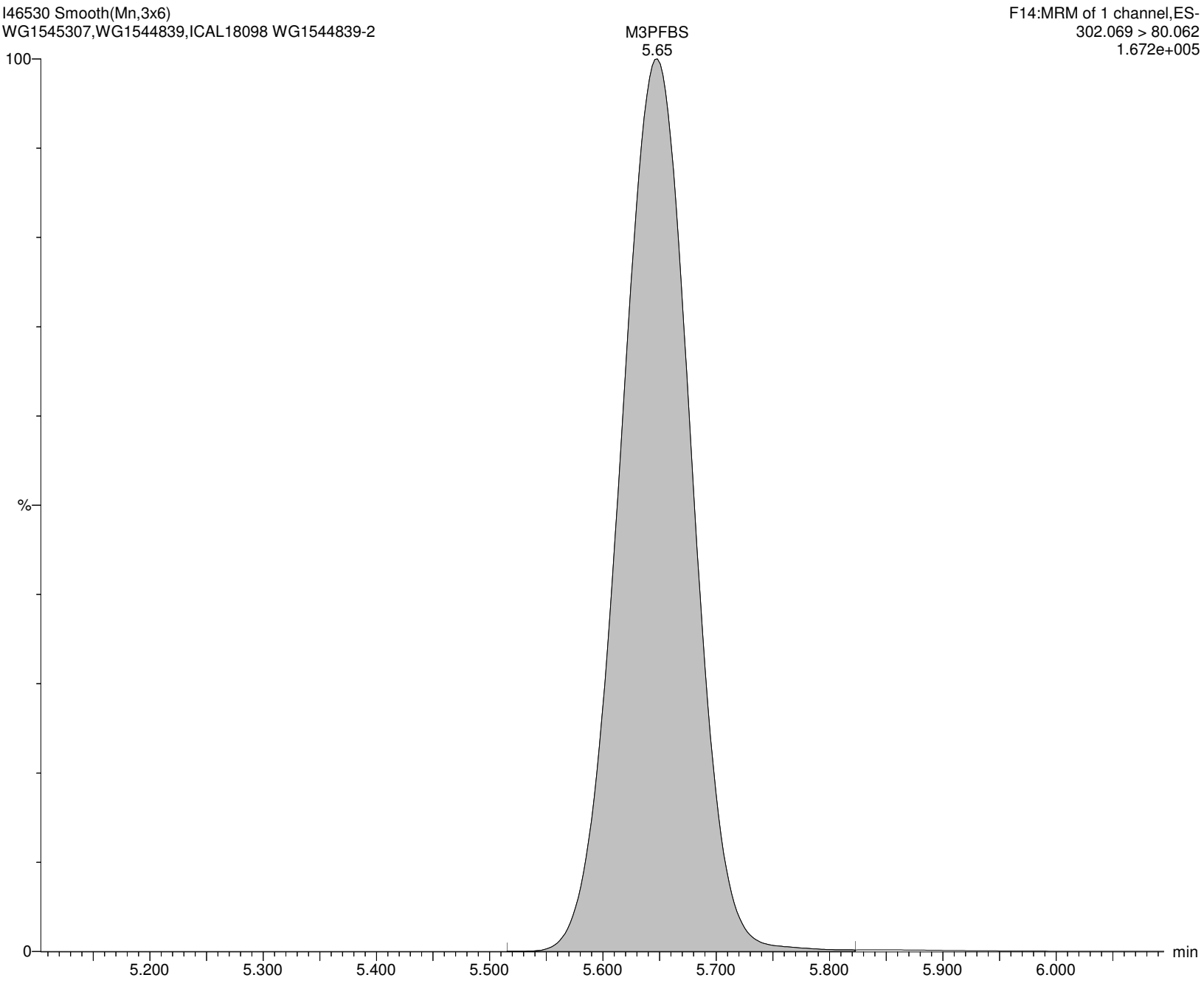


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBS

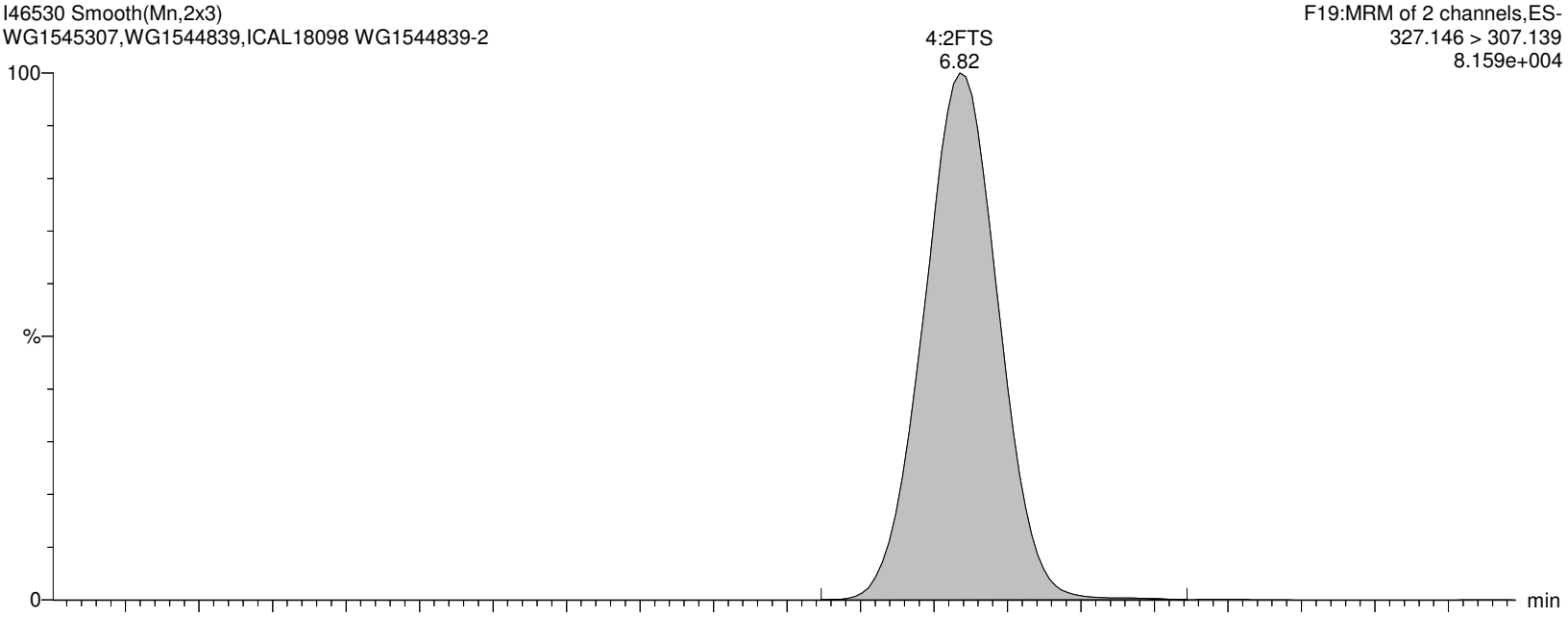


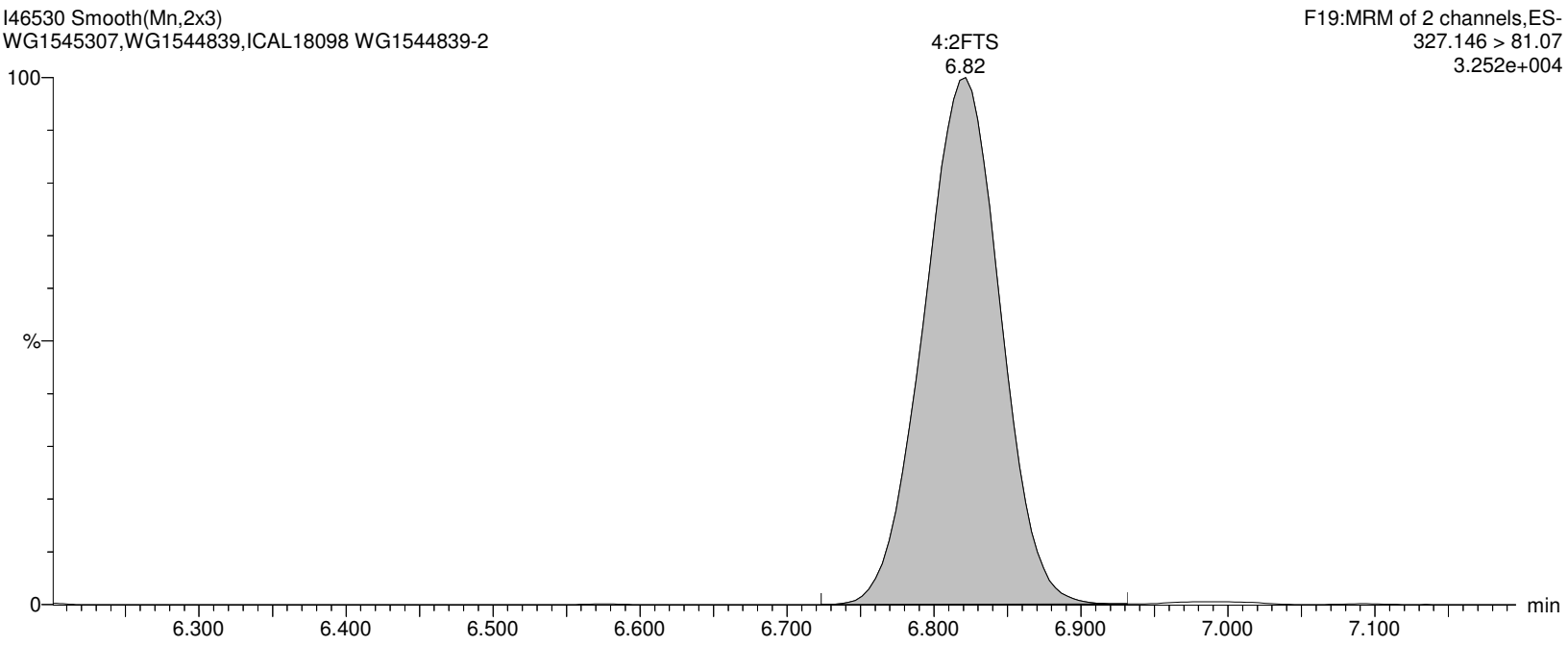
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

4:2FTS



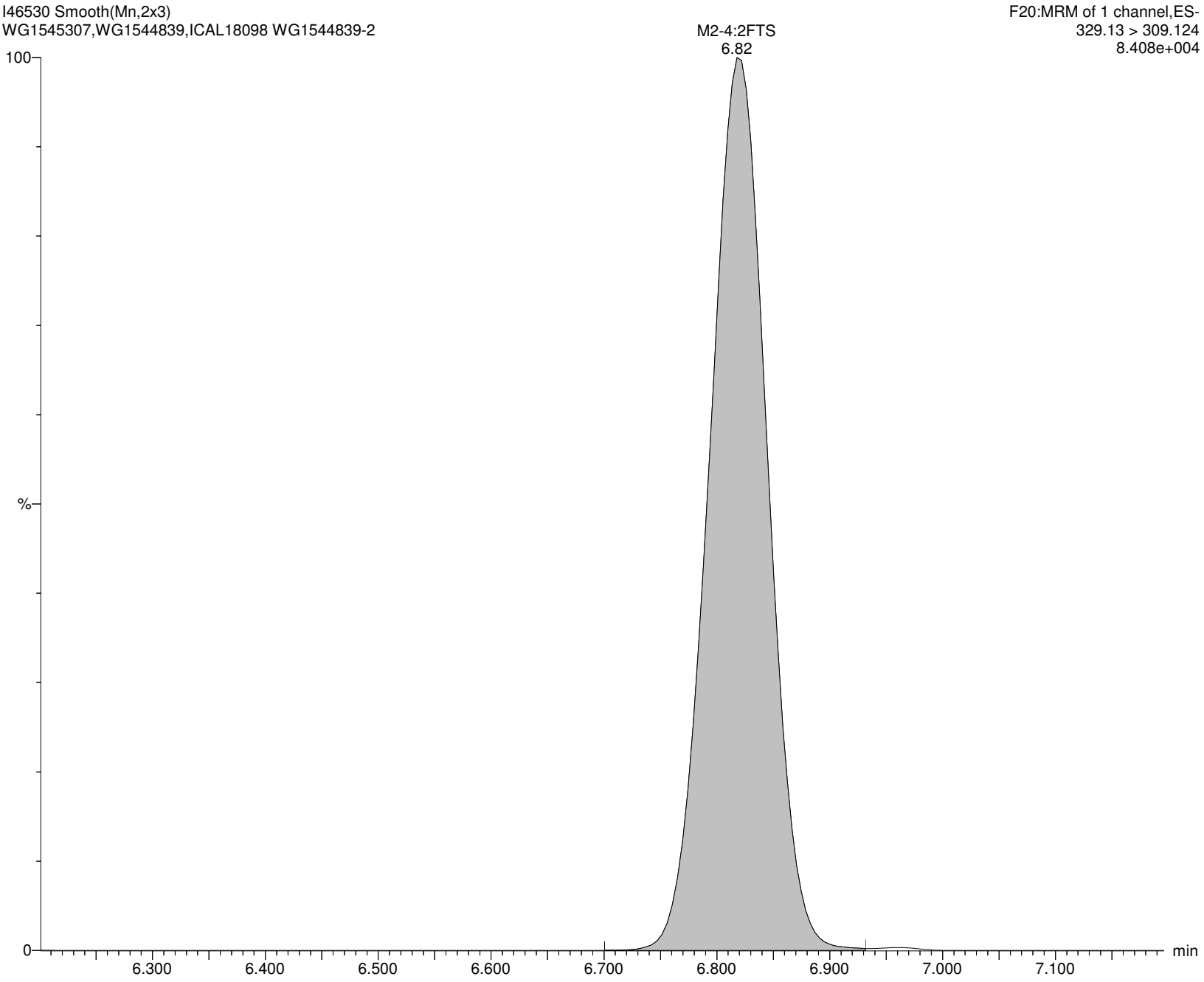


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-4:2FTS

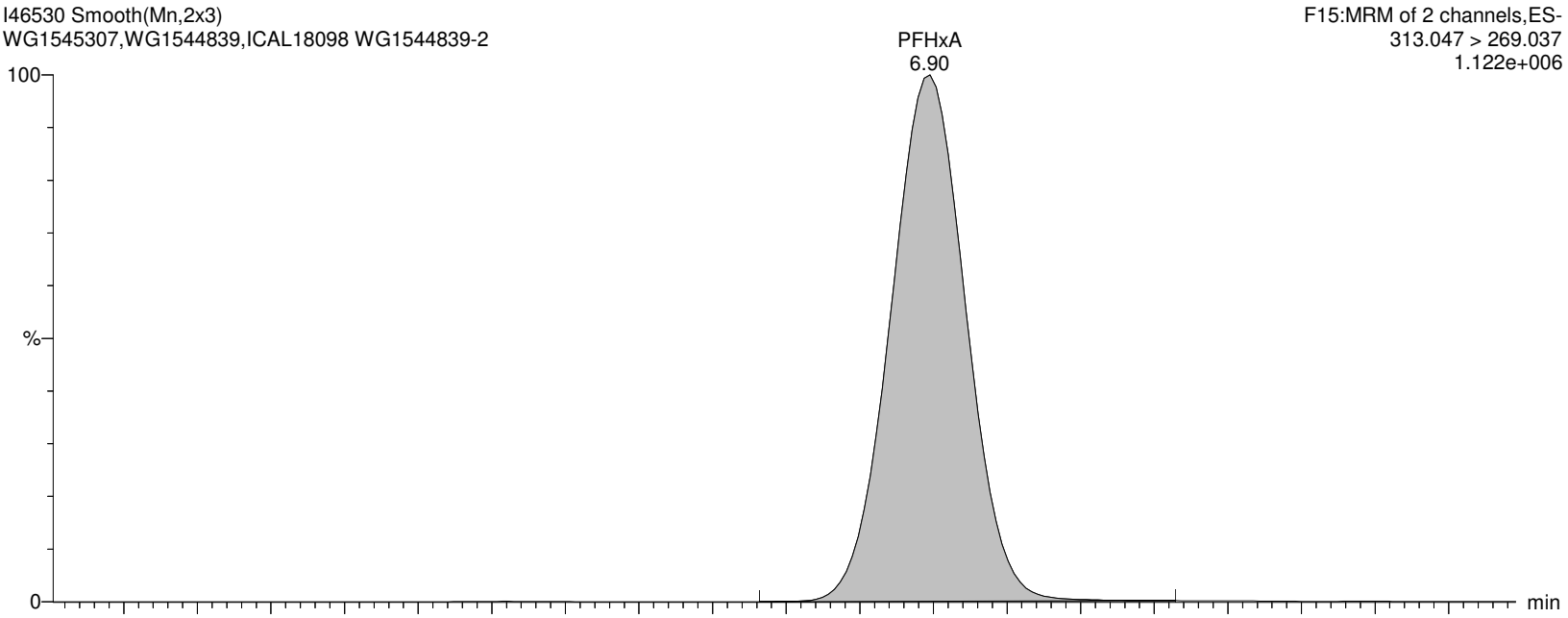


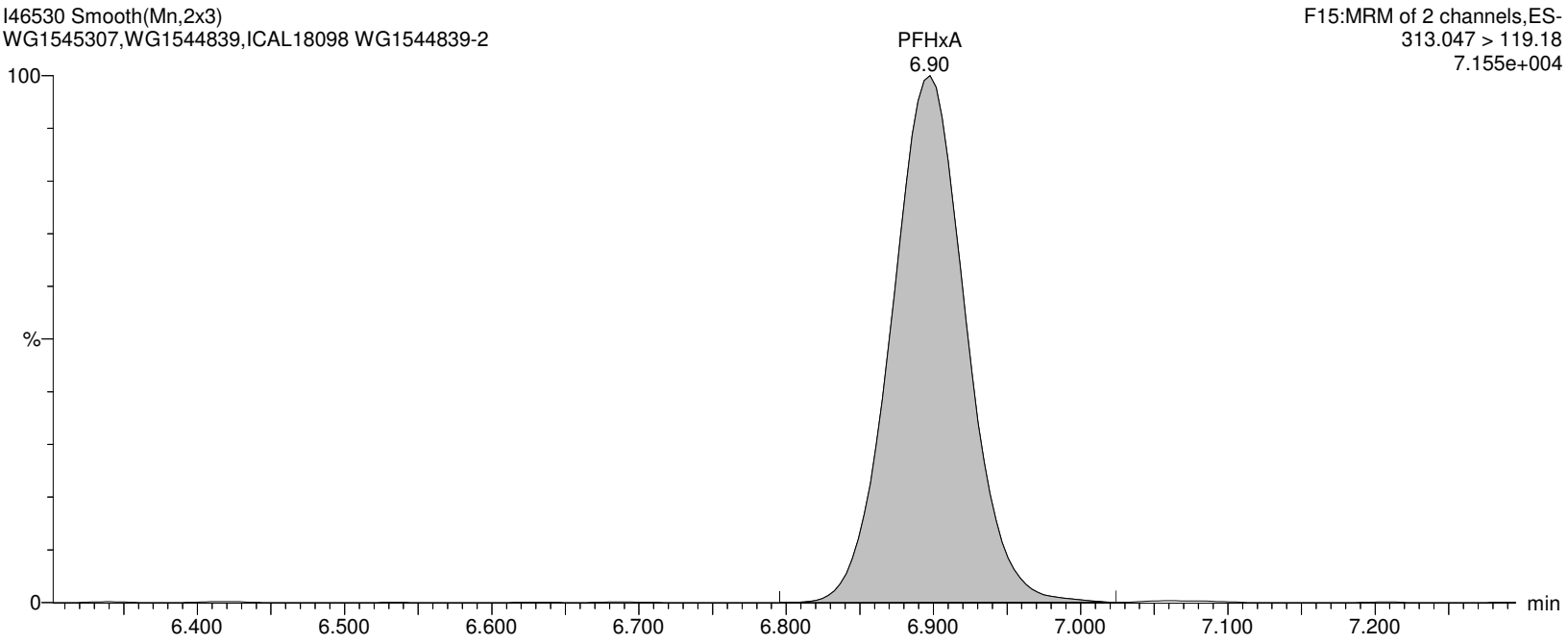
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxA



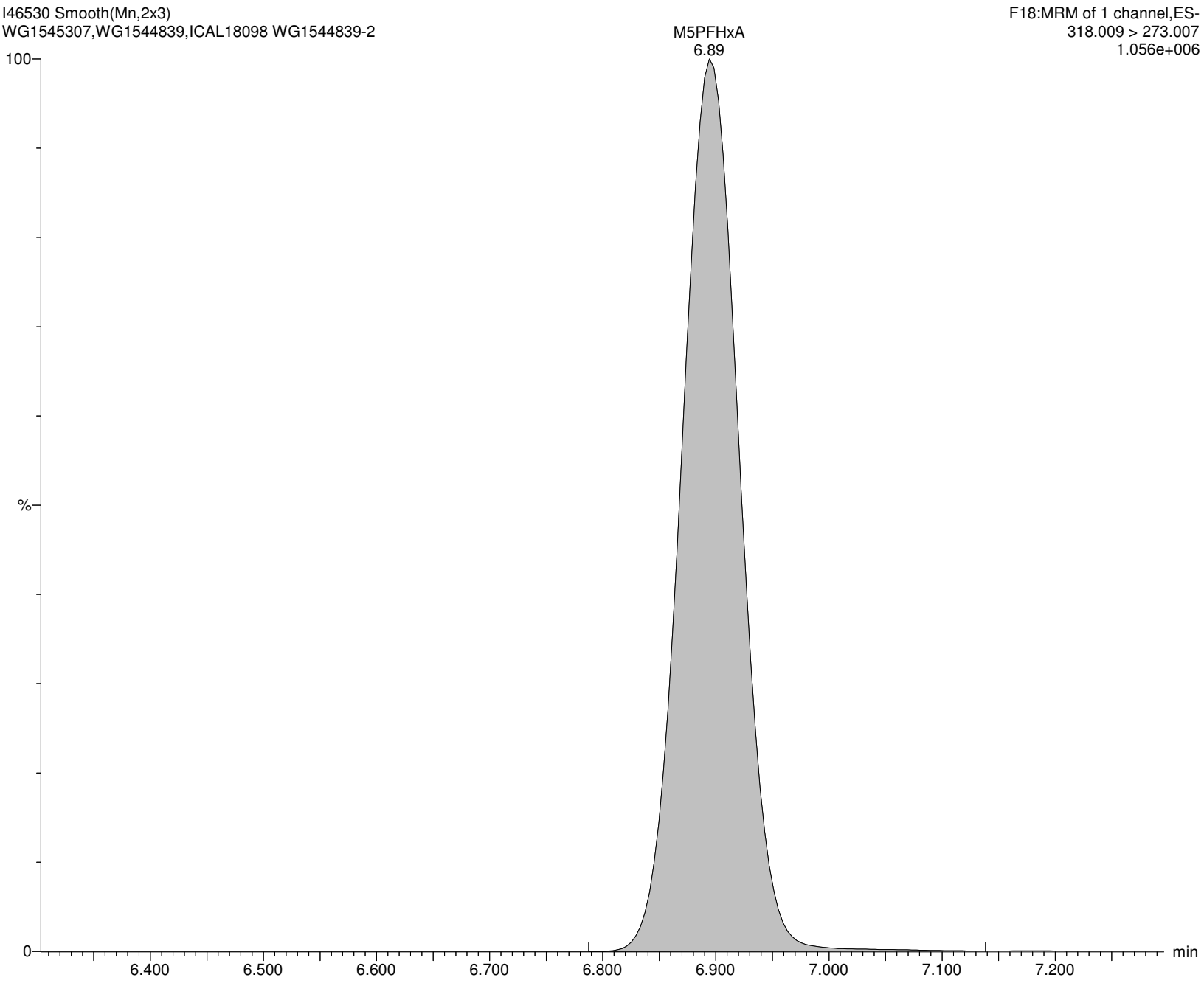


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFHxA

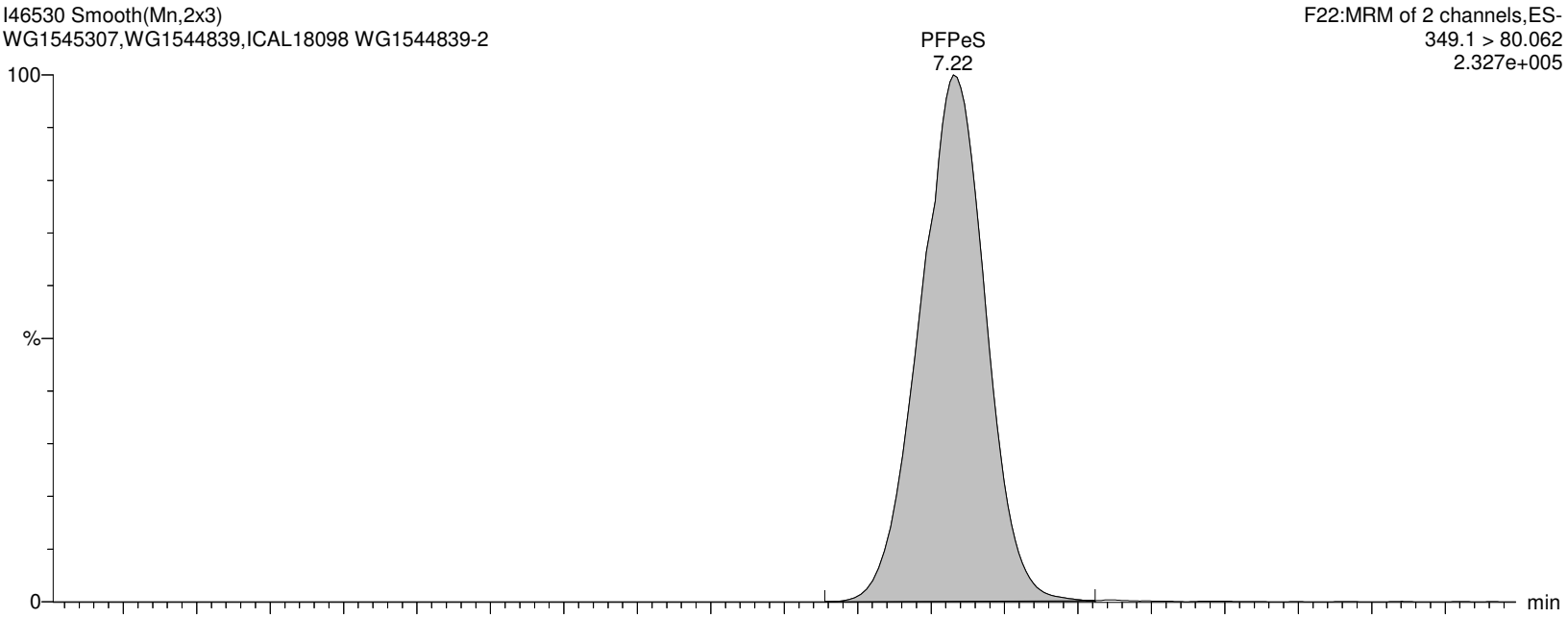


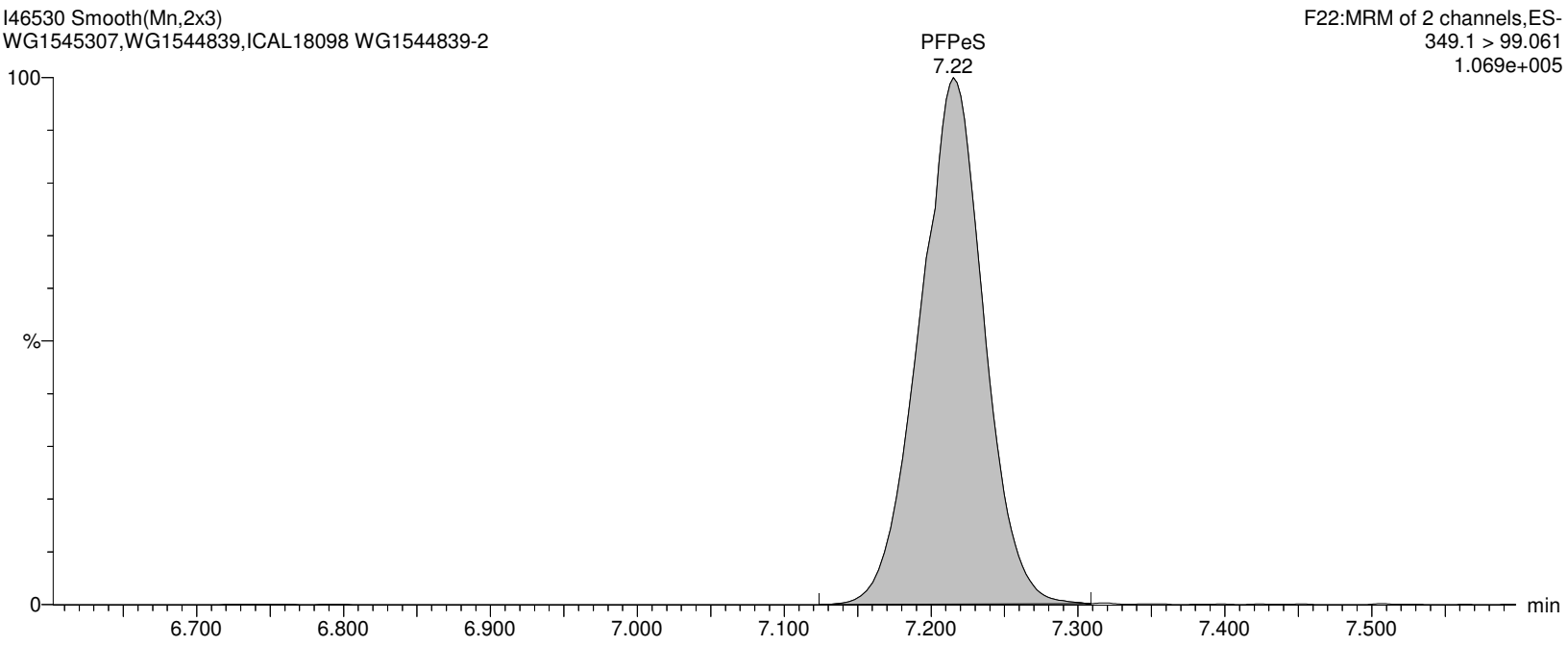
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeS



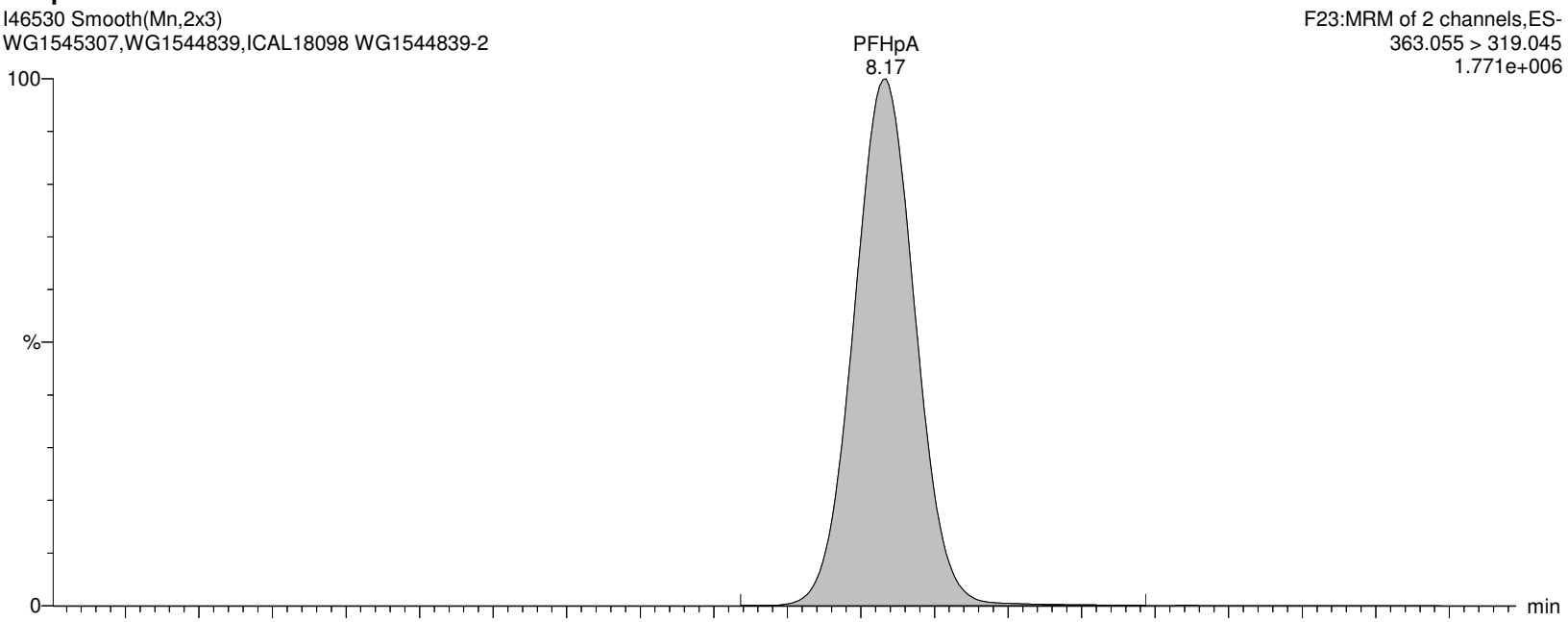


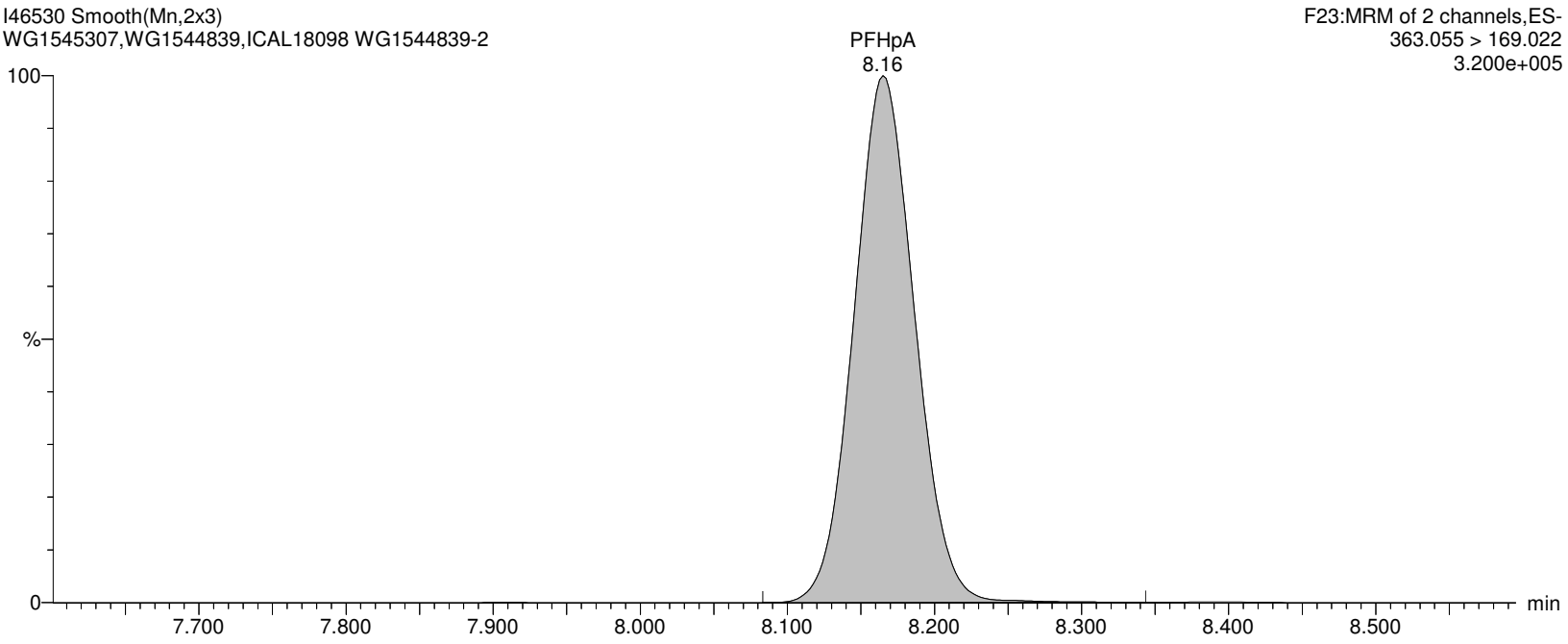
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpA



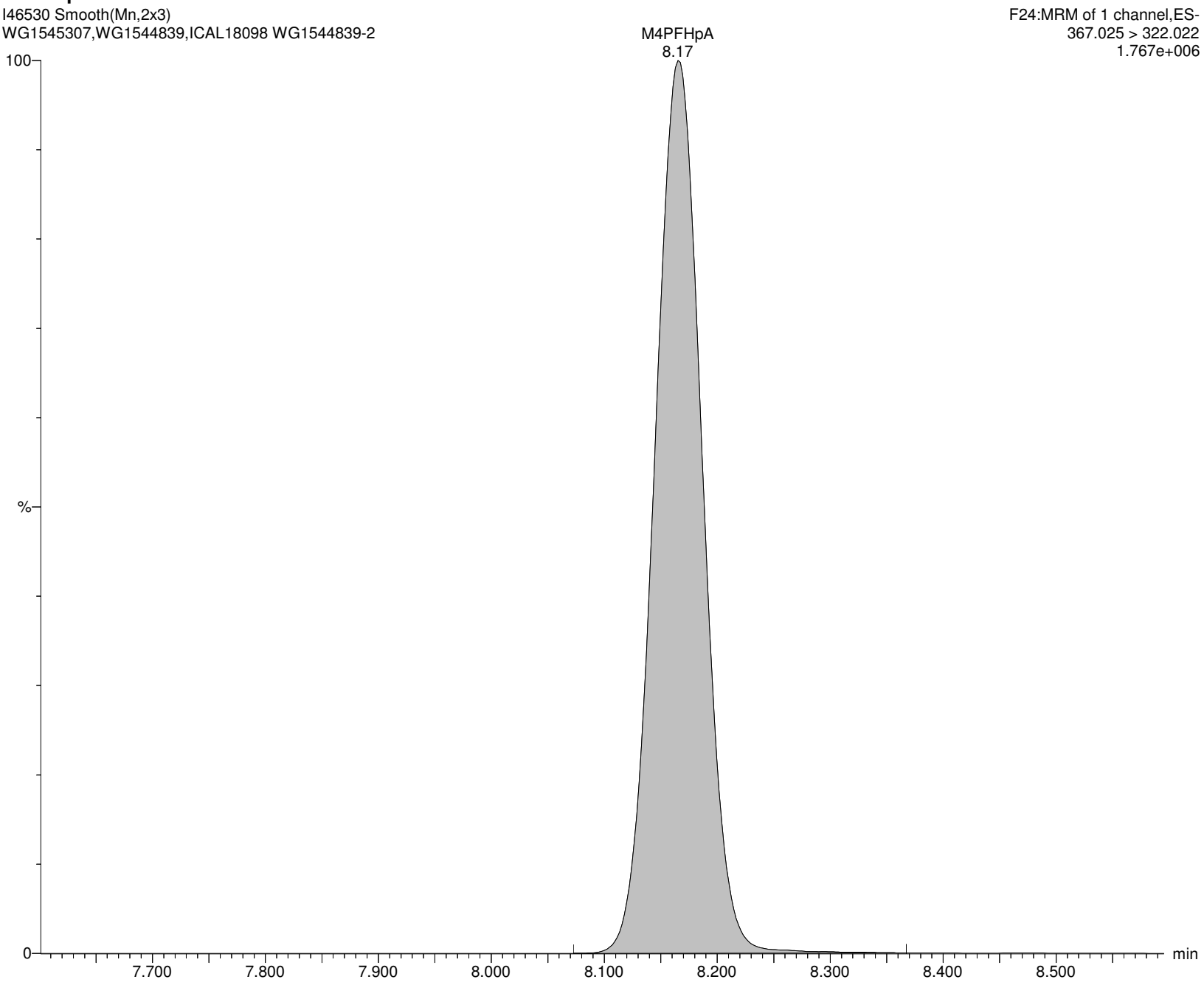


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFHpA

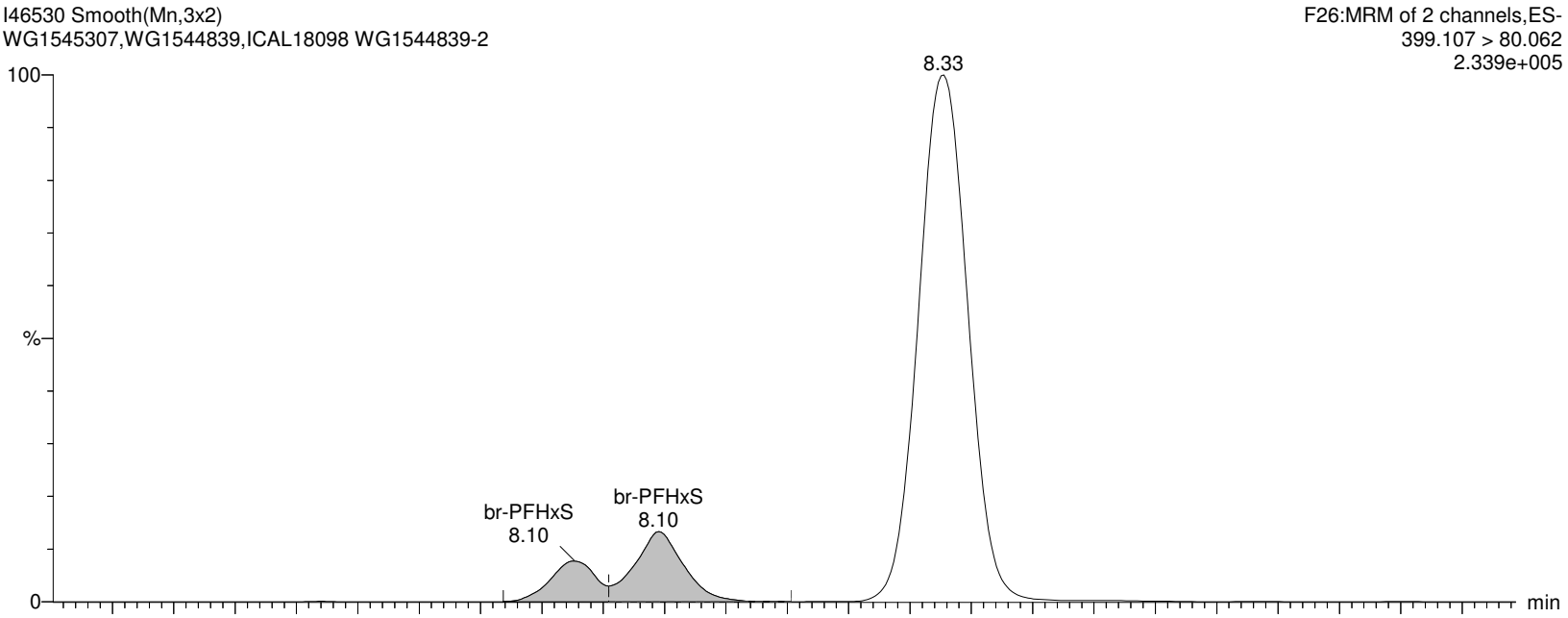


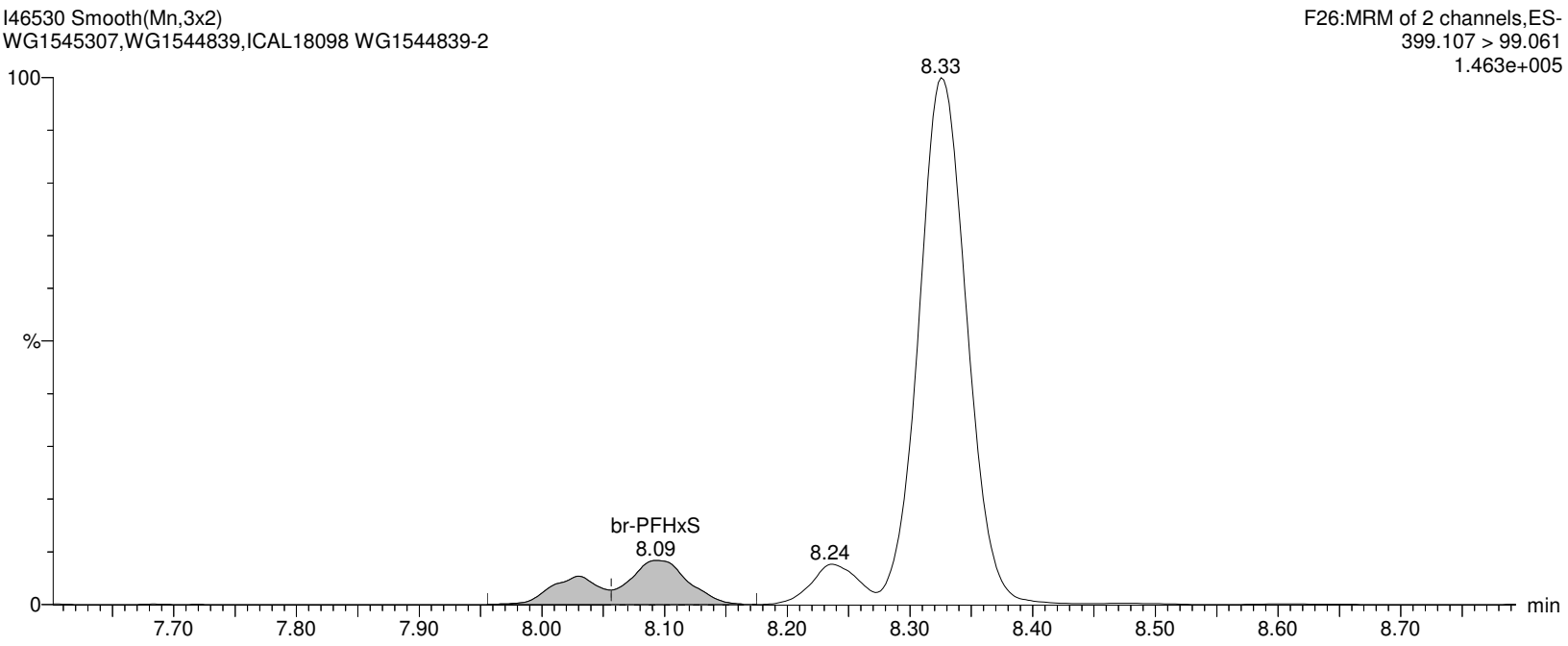
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFHxS



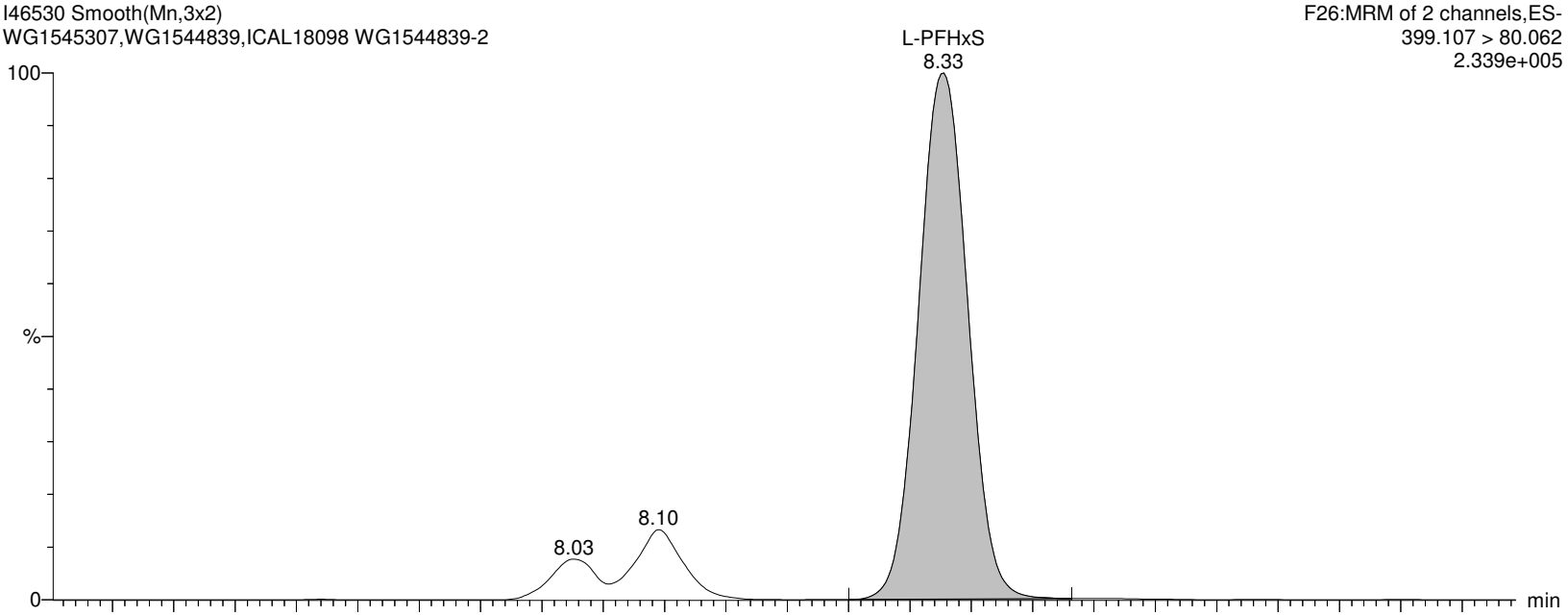


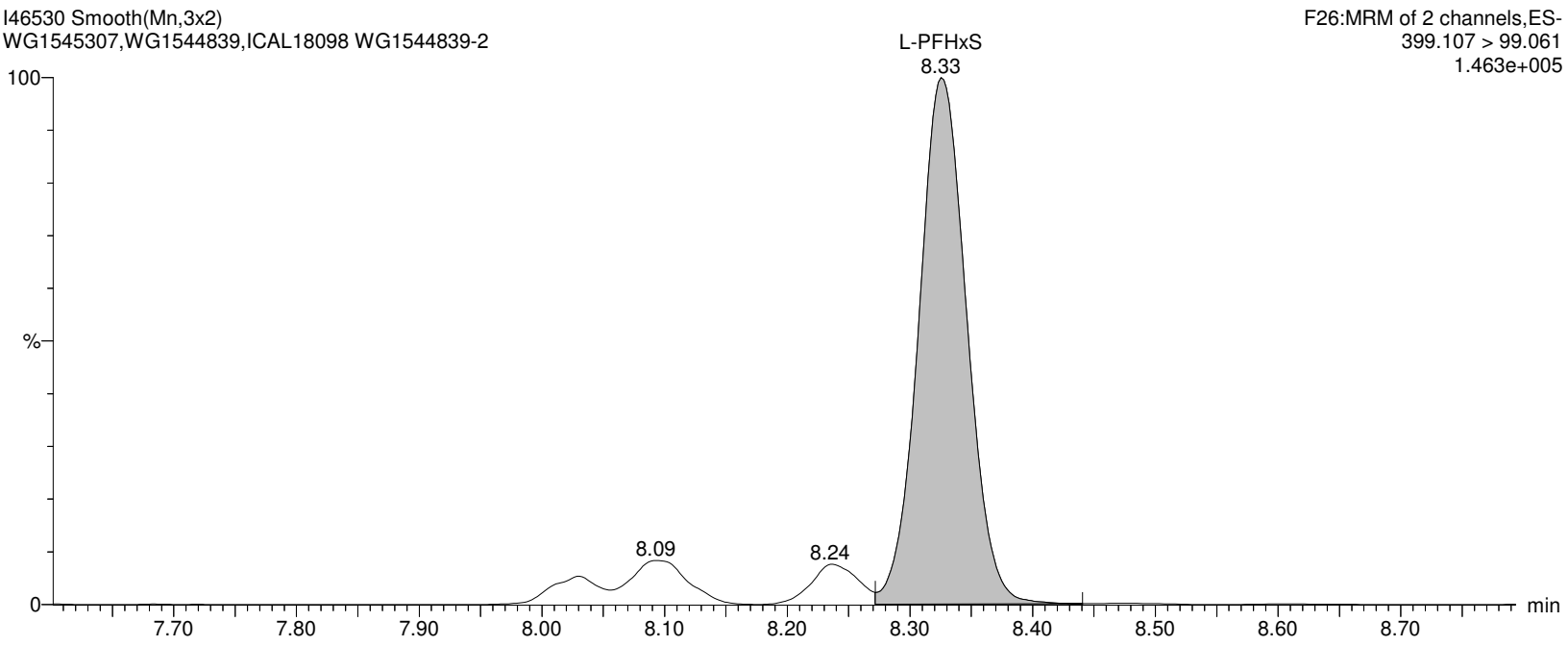
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFHxS



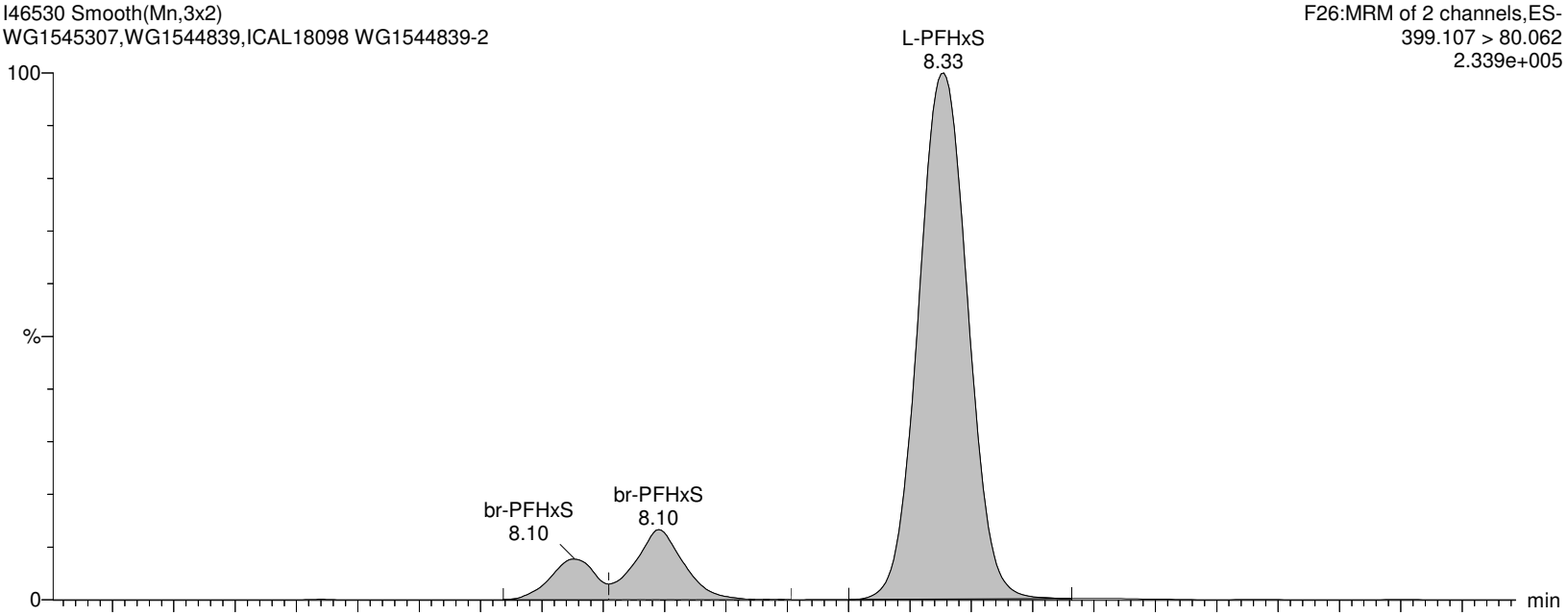


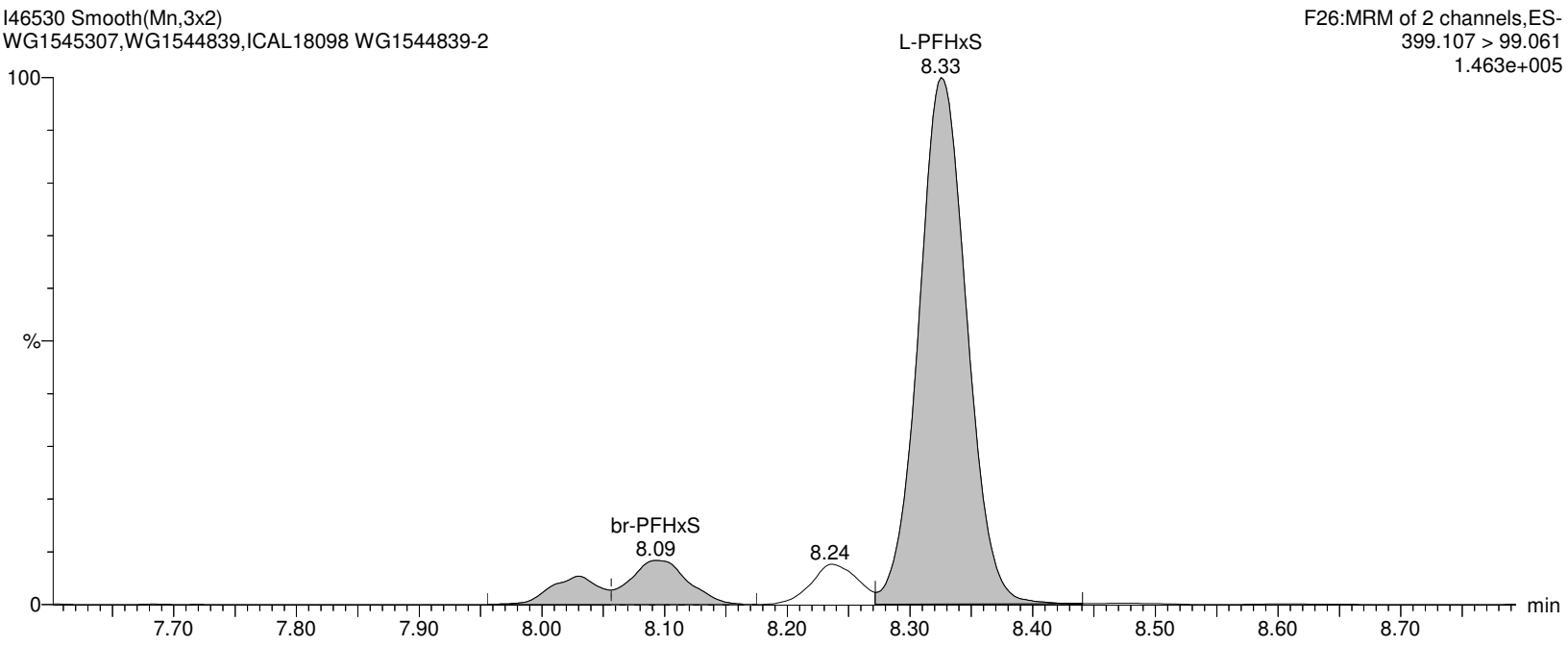
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxS



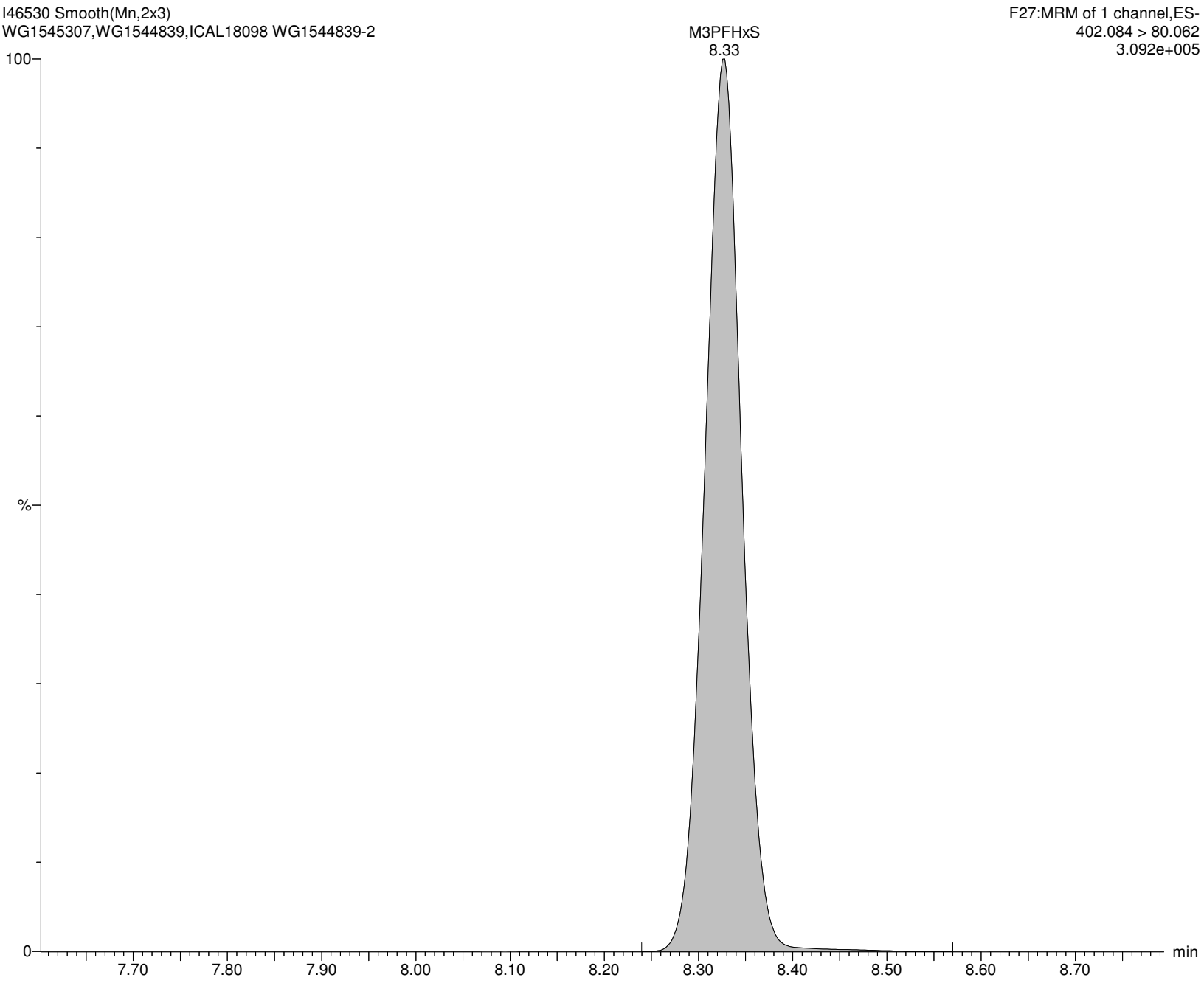


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFHxS

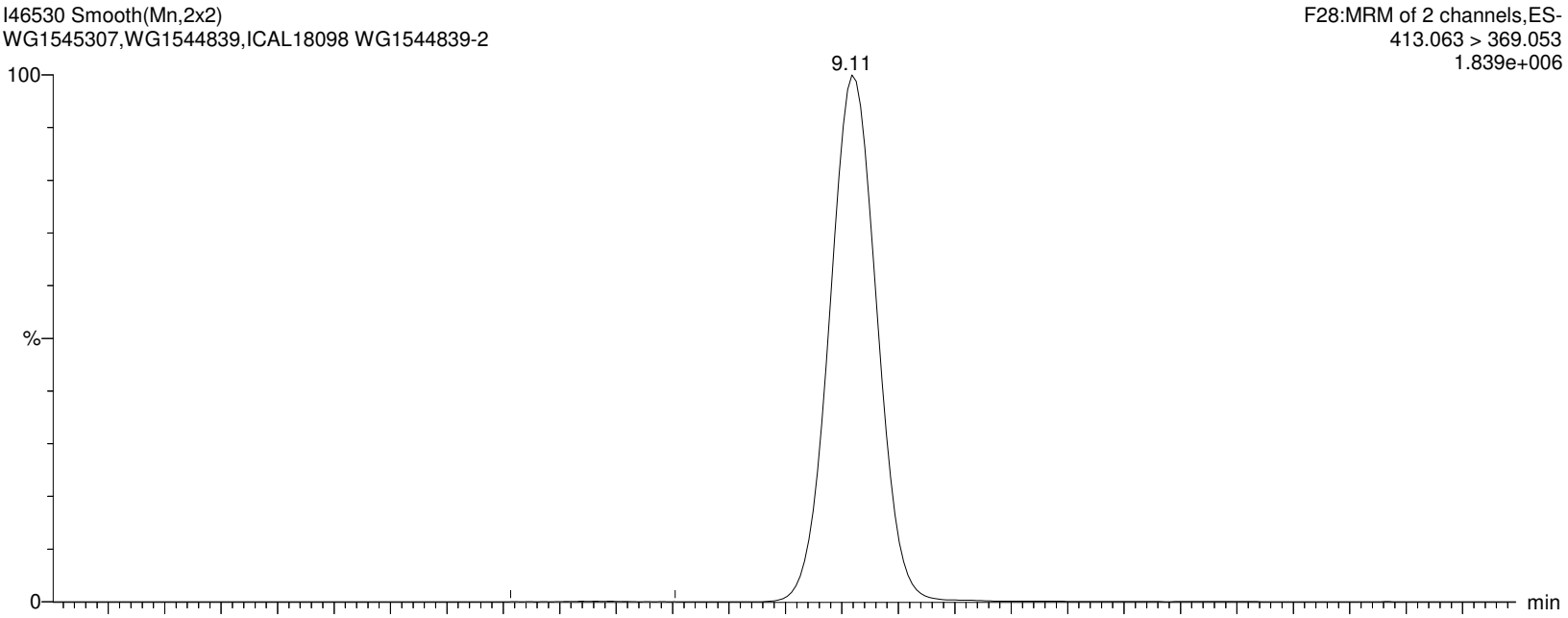


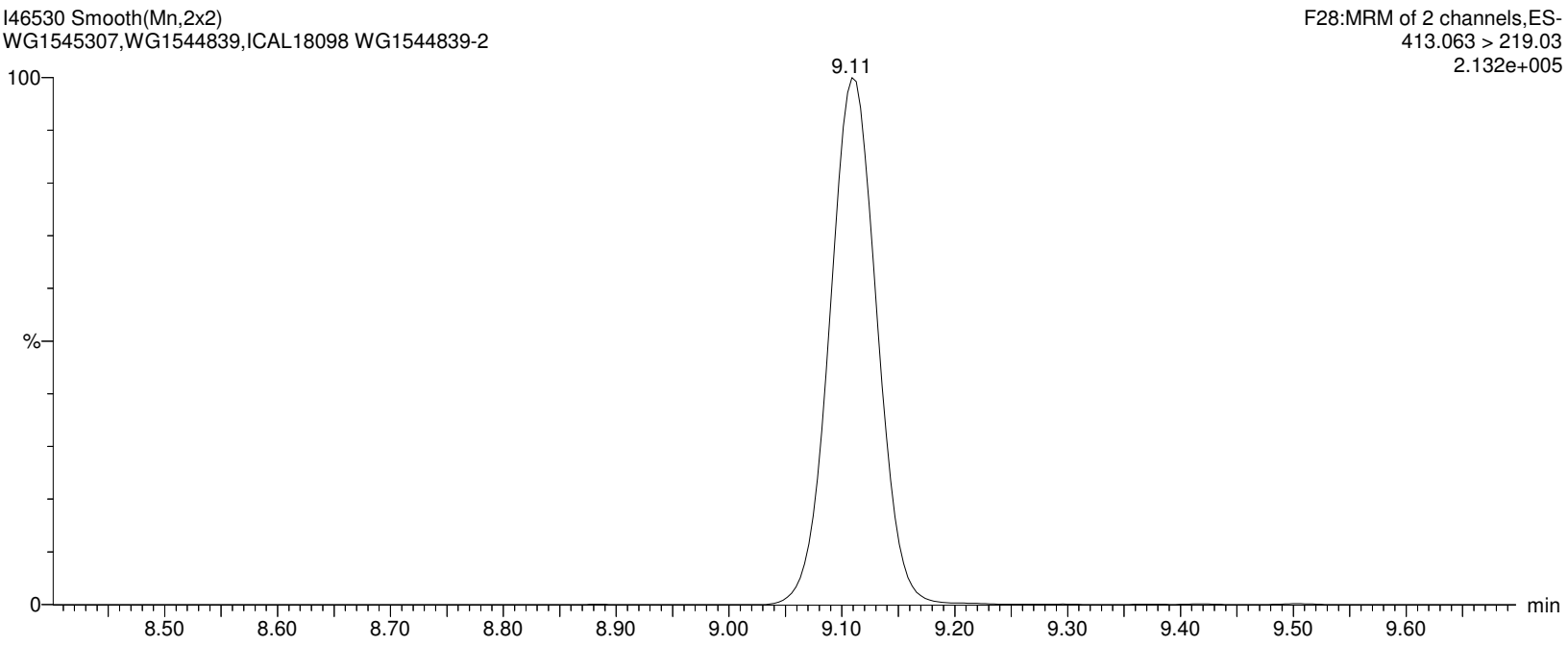
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOA



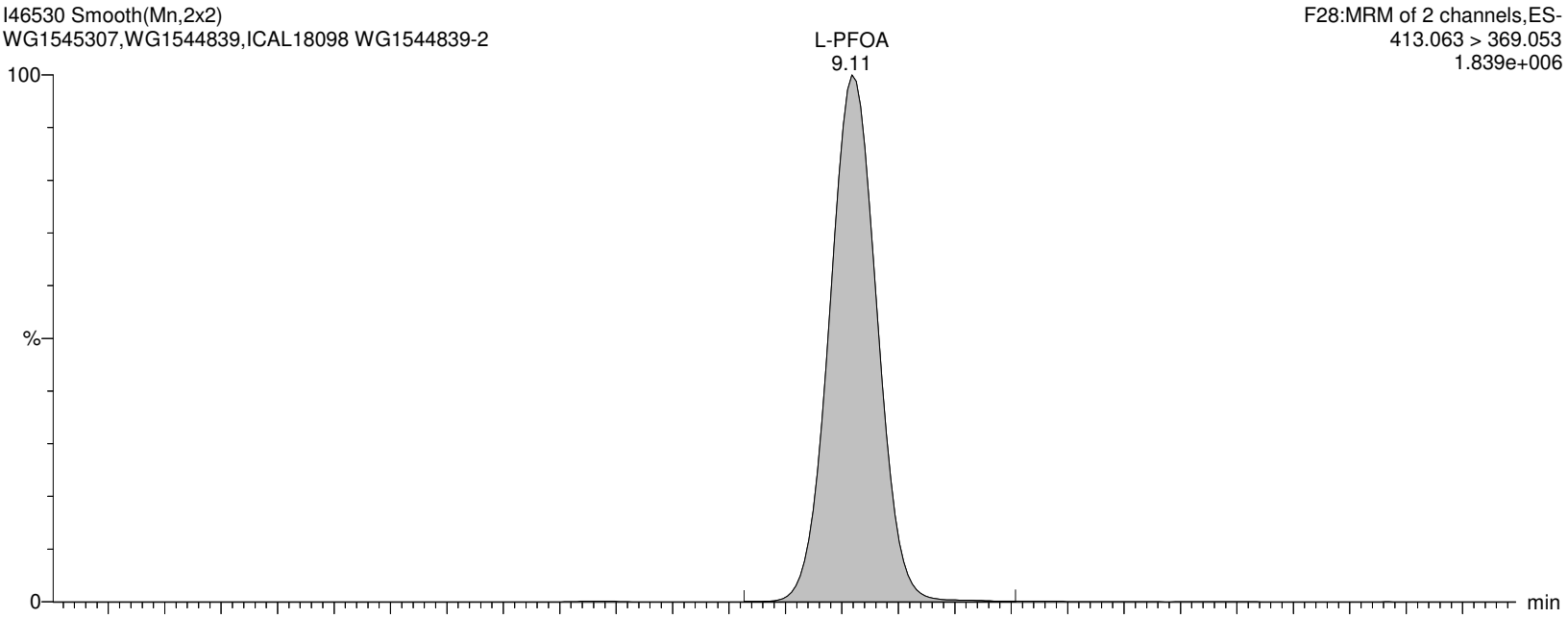


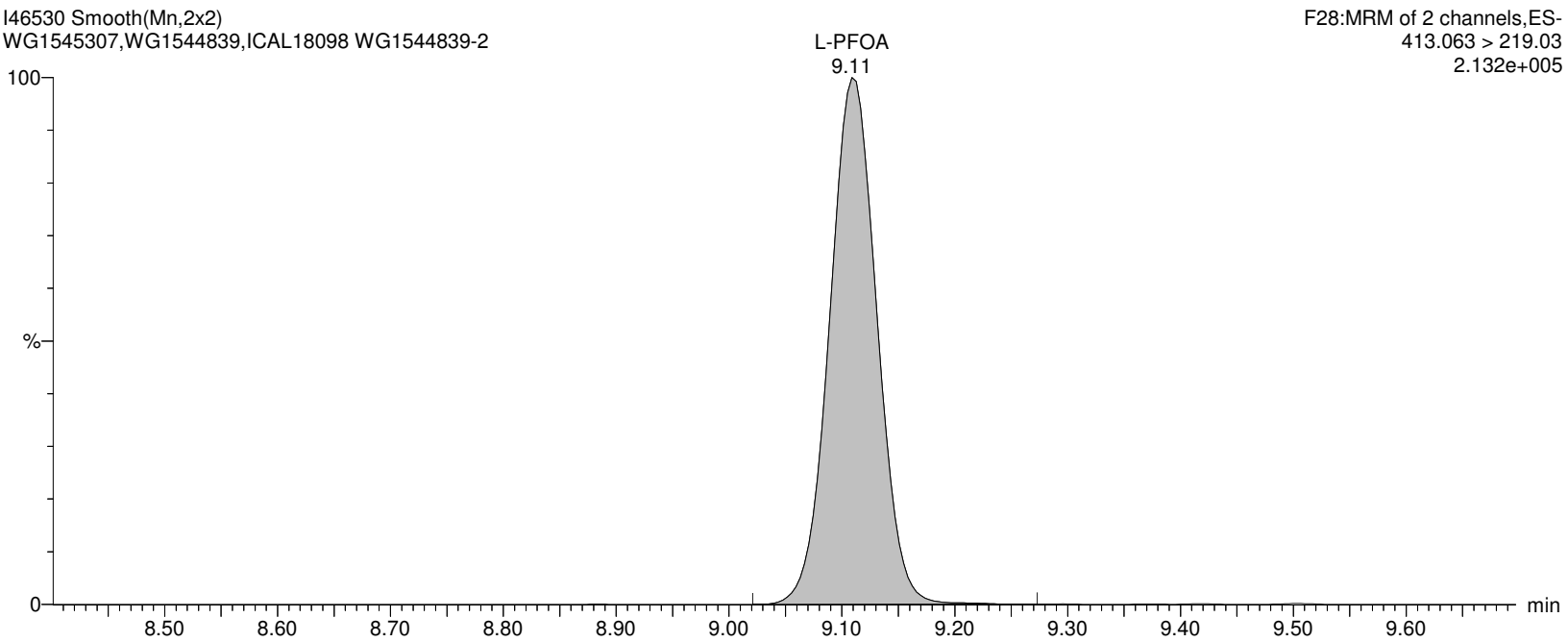
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOA



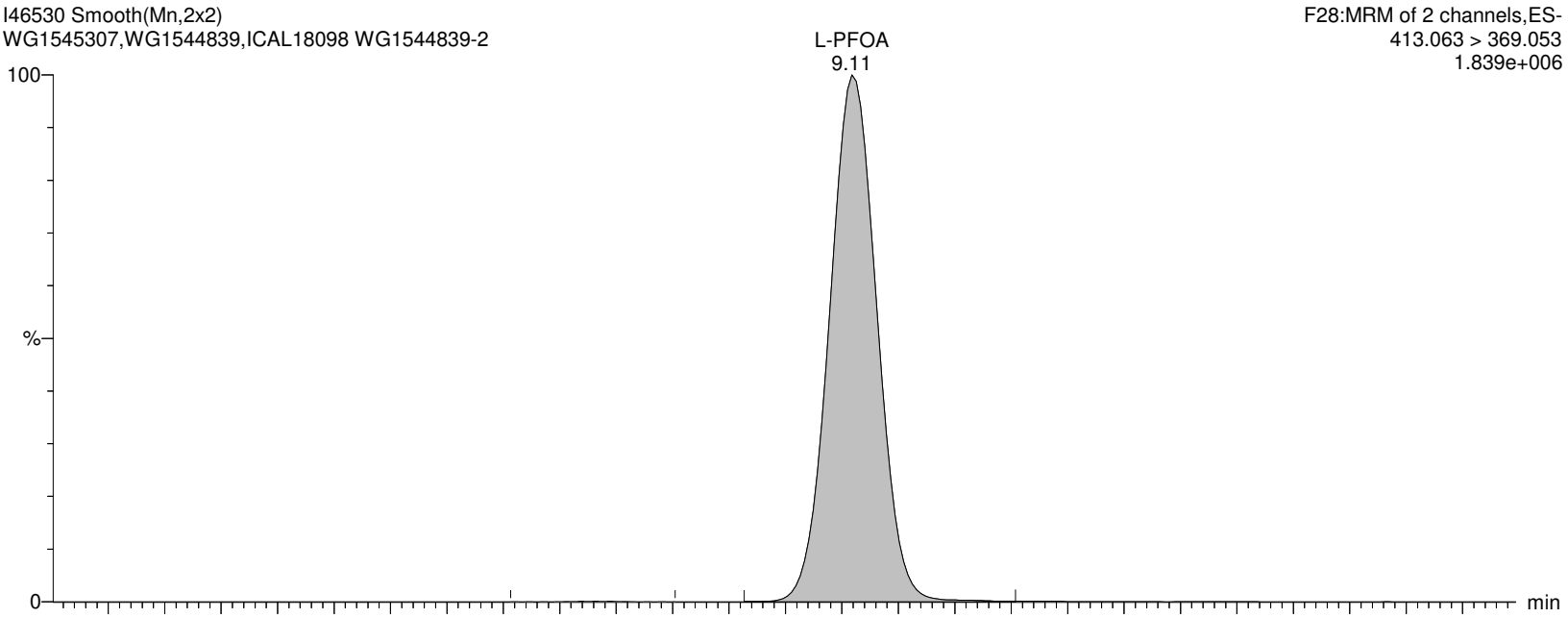


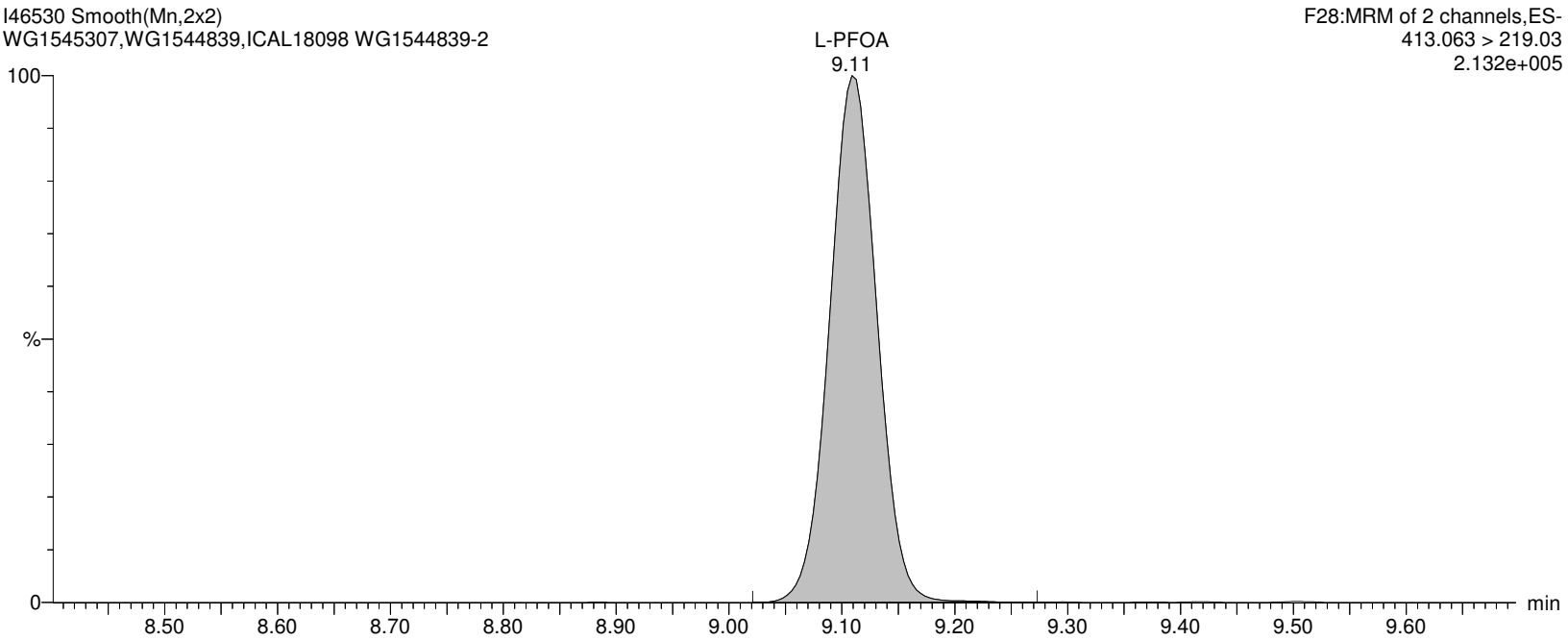
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOA



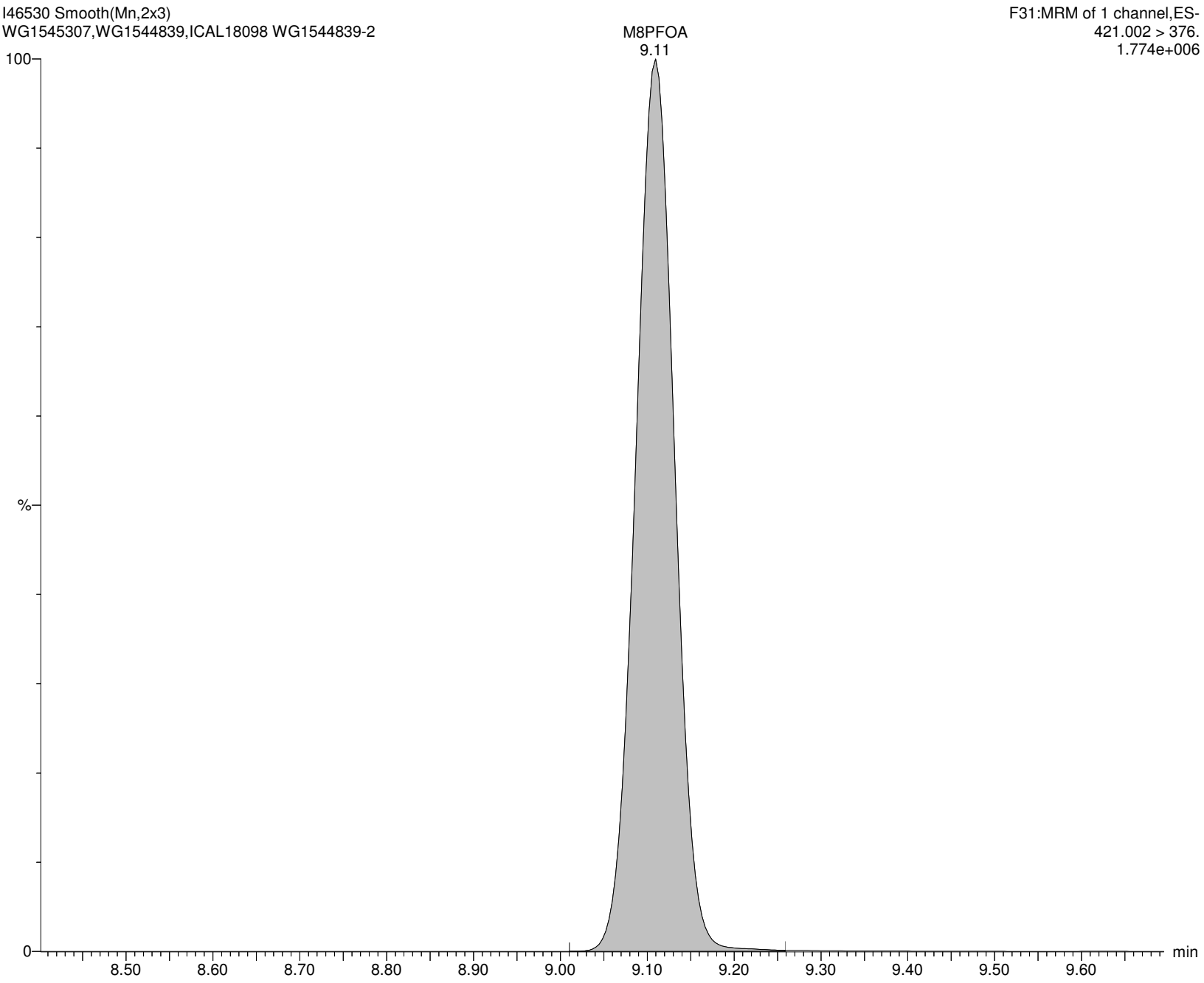


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOA

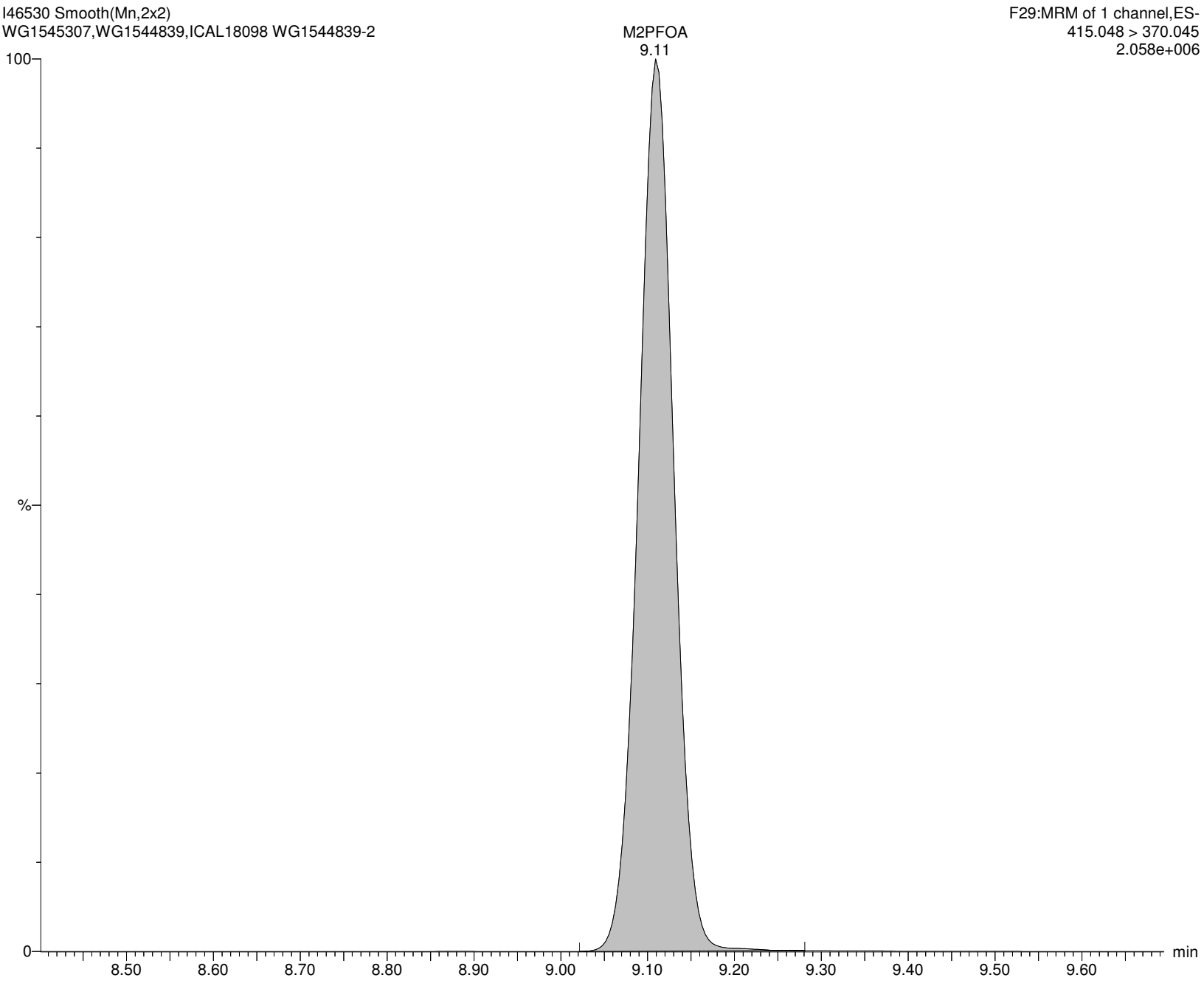


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFOA

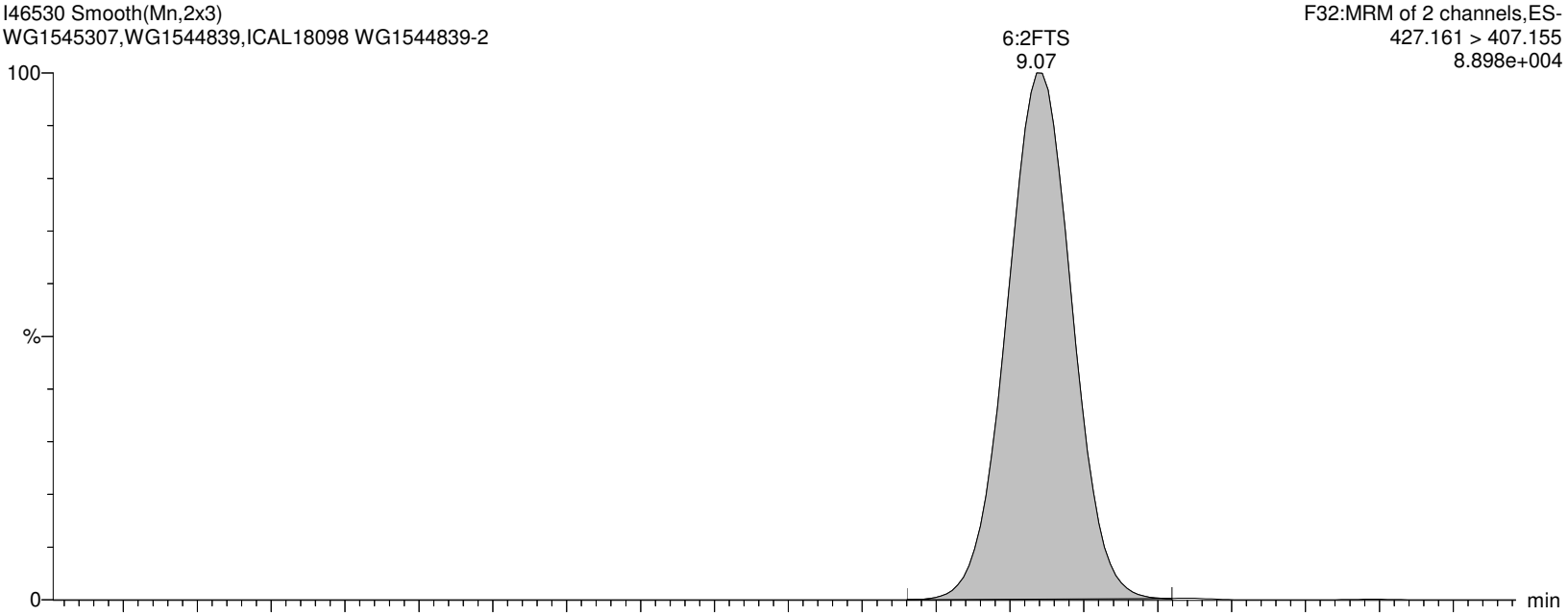


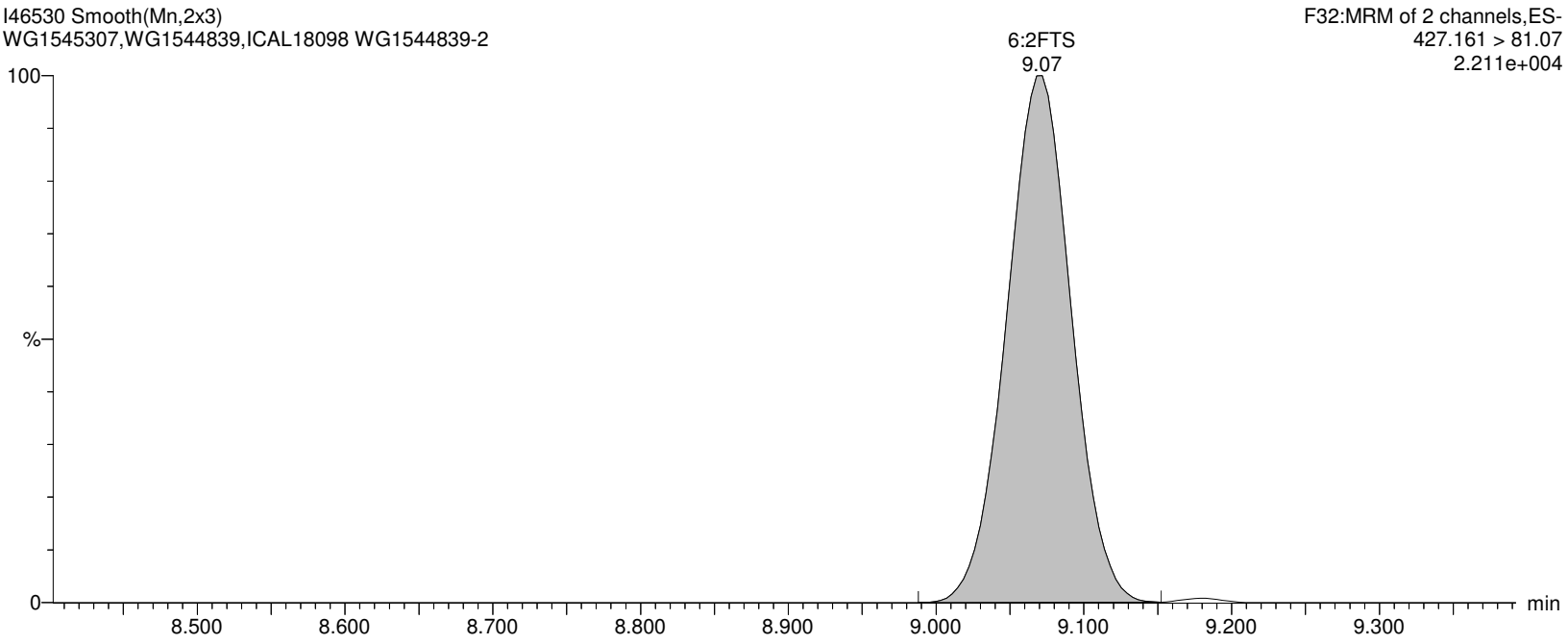
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

6:2FTS



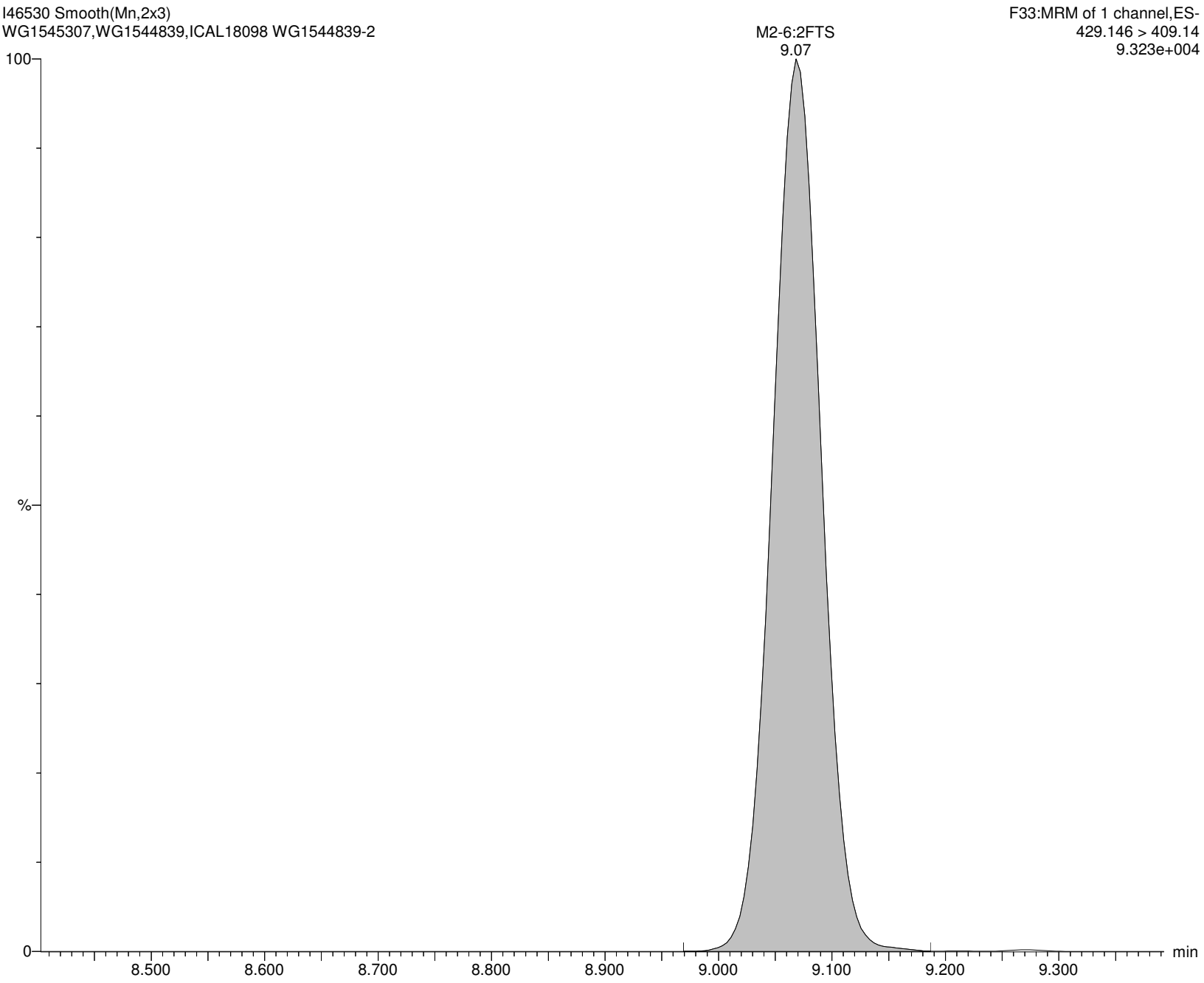


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-6:2FTS

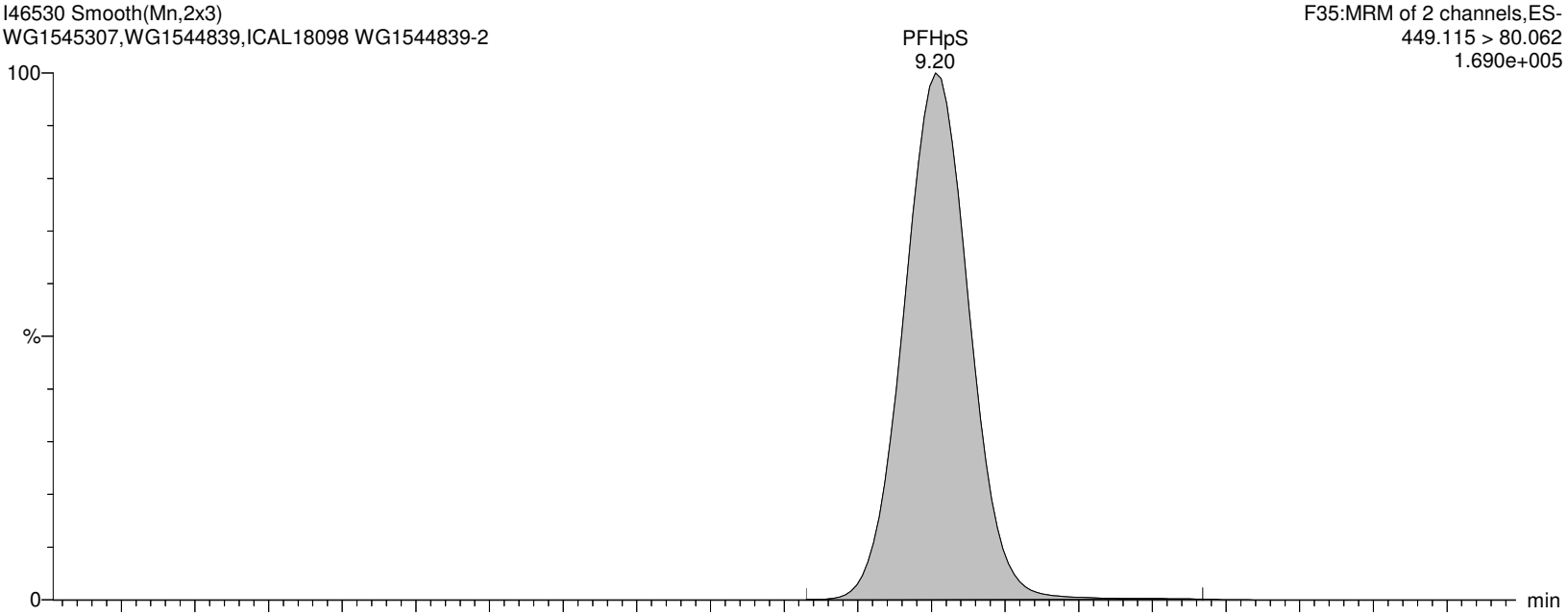


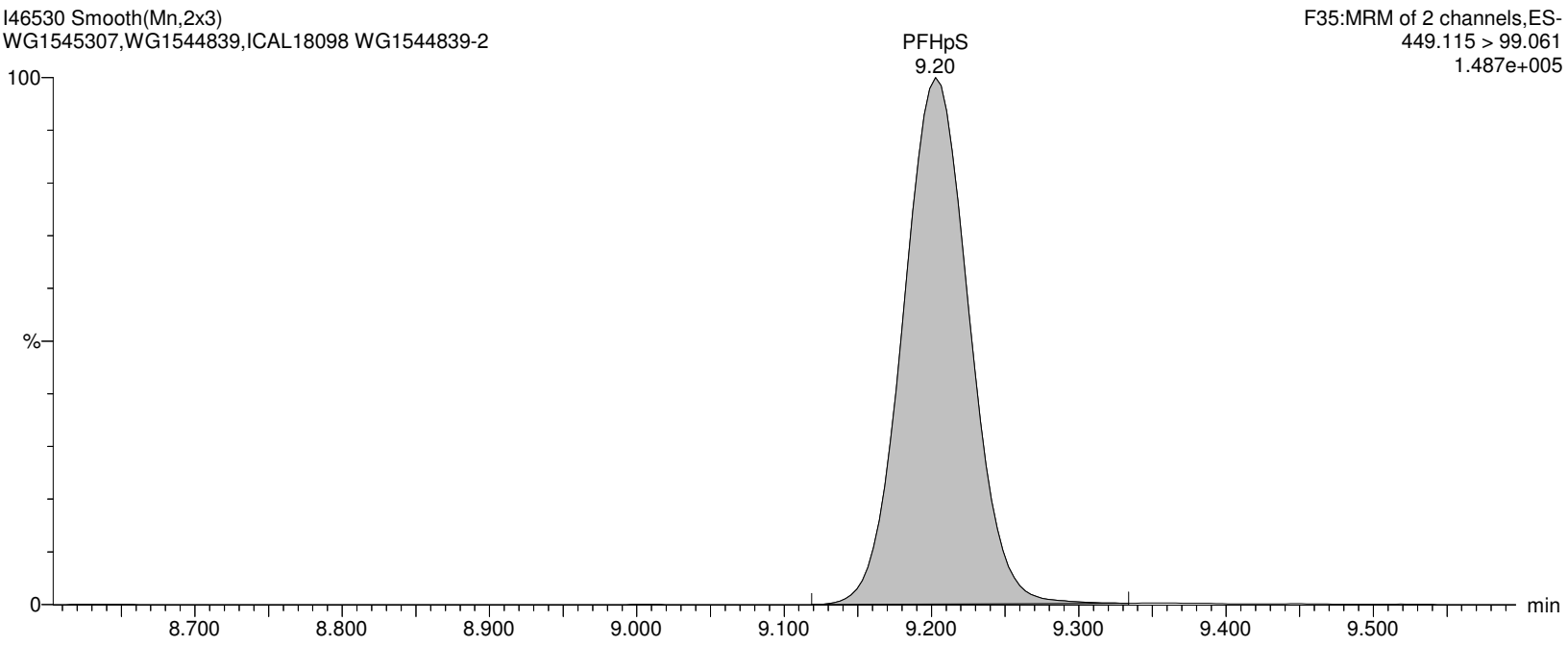
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpS



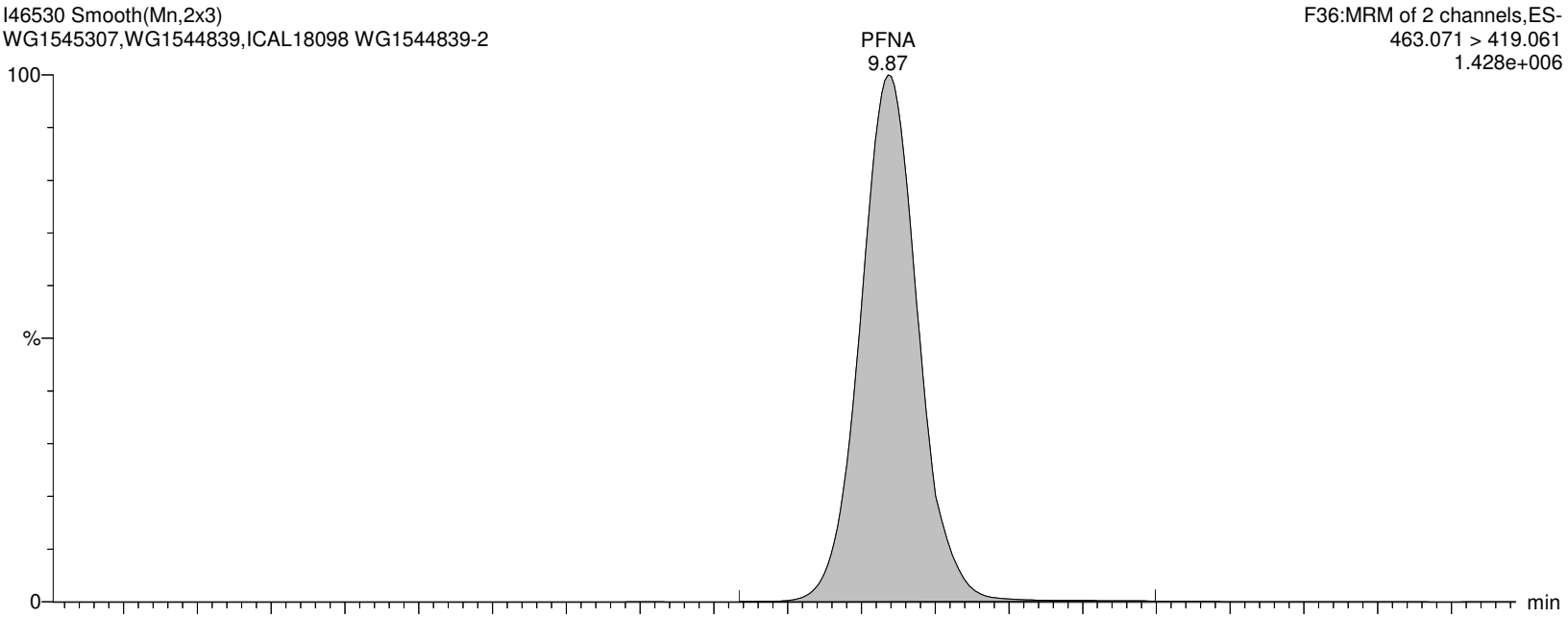


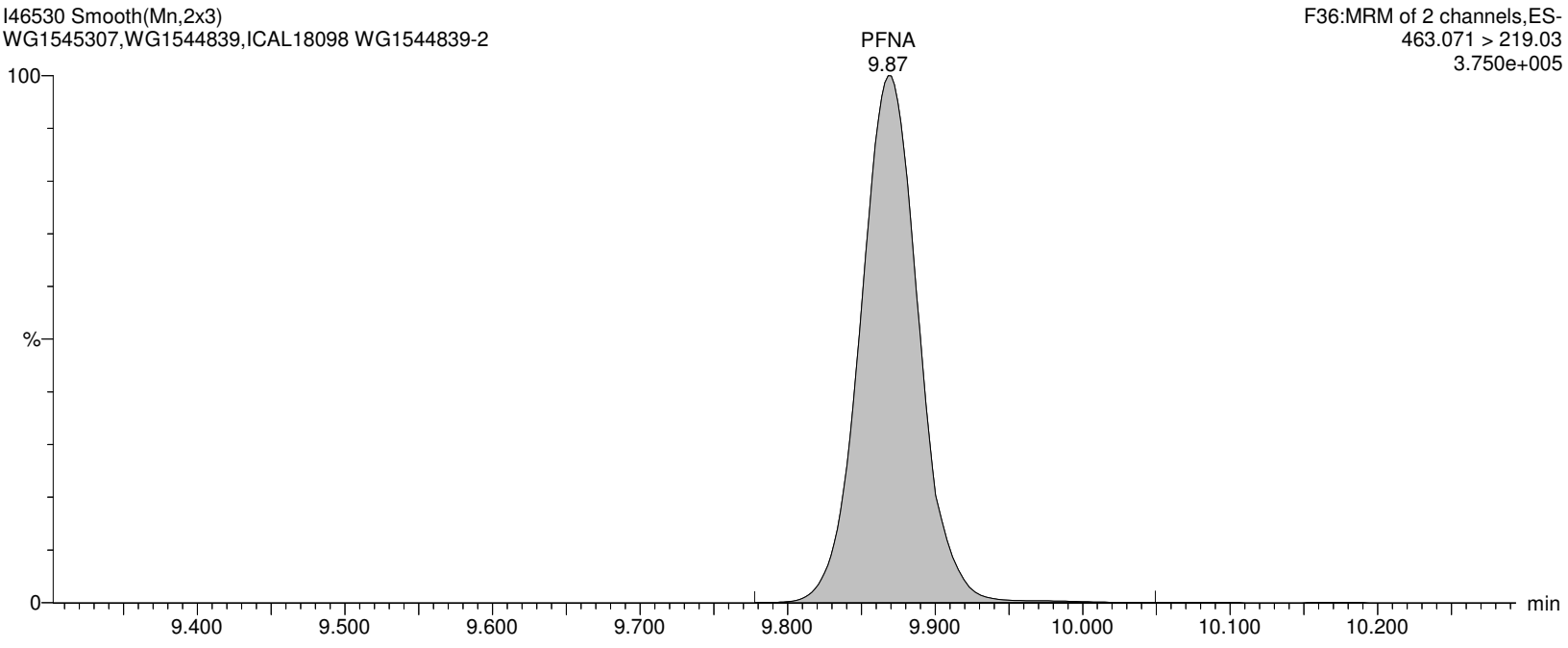
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNA



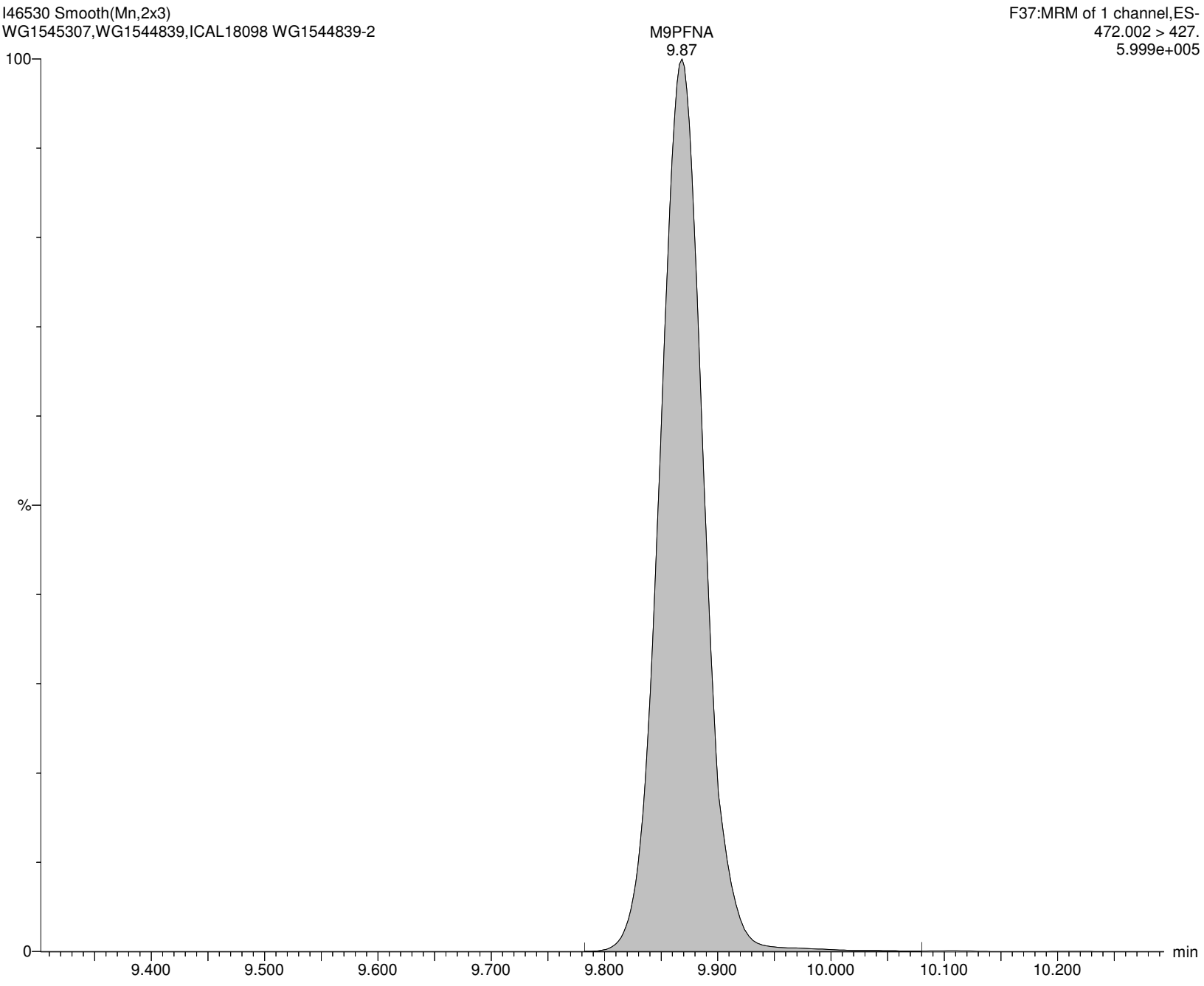


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M9PFNA

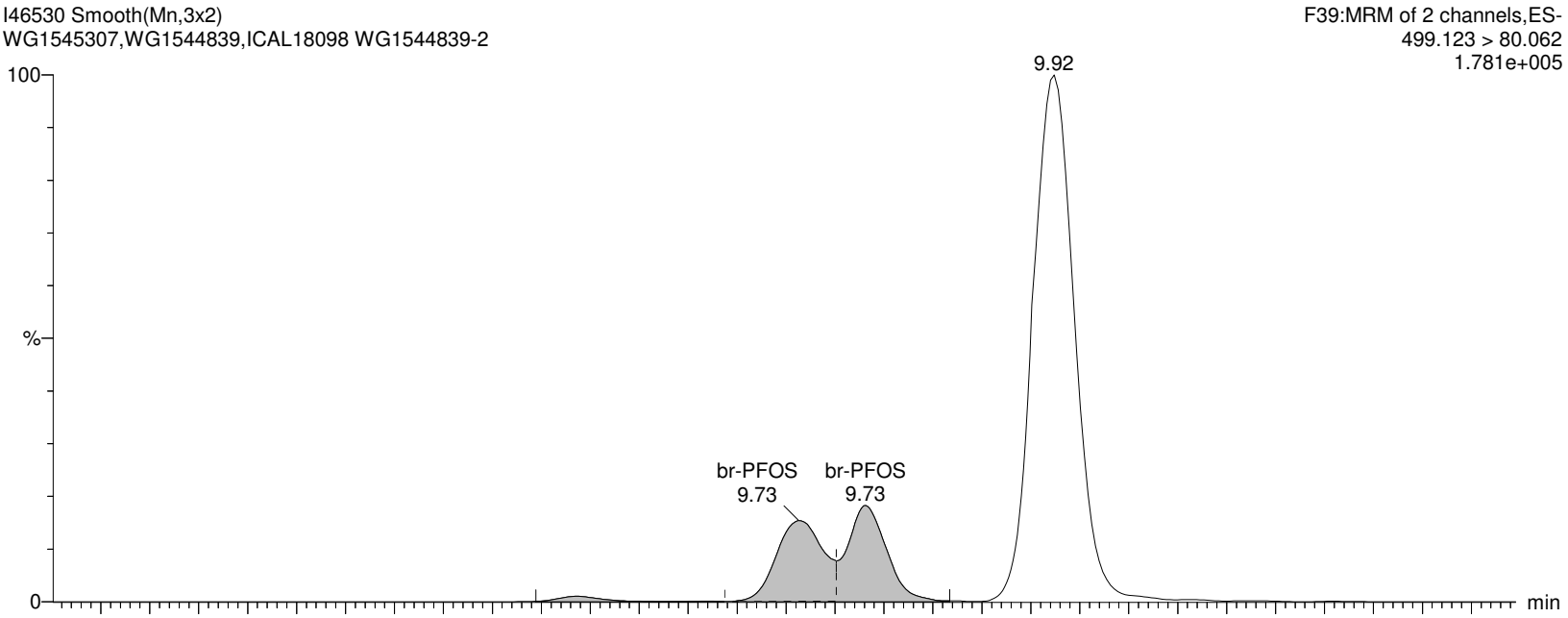


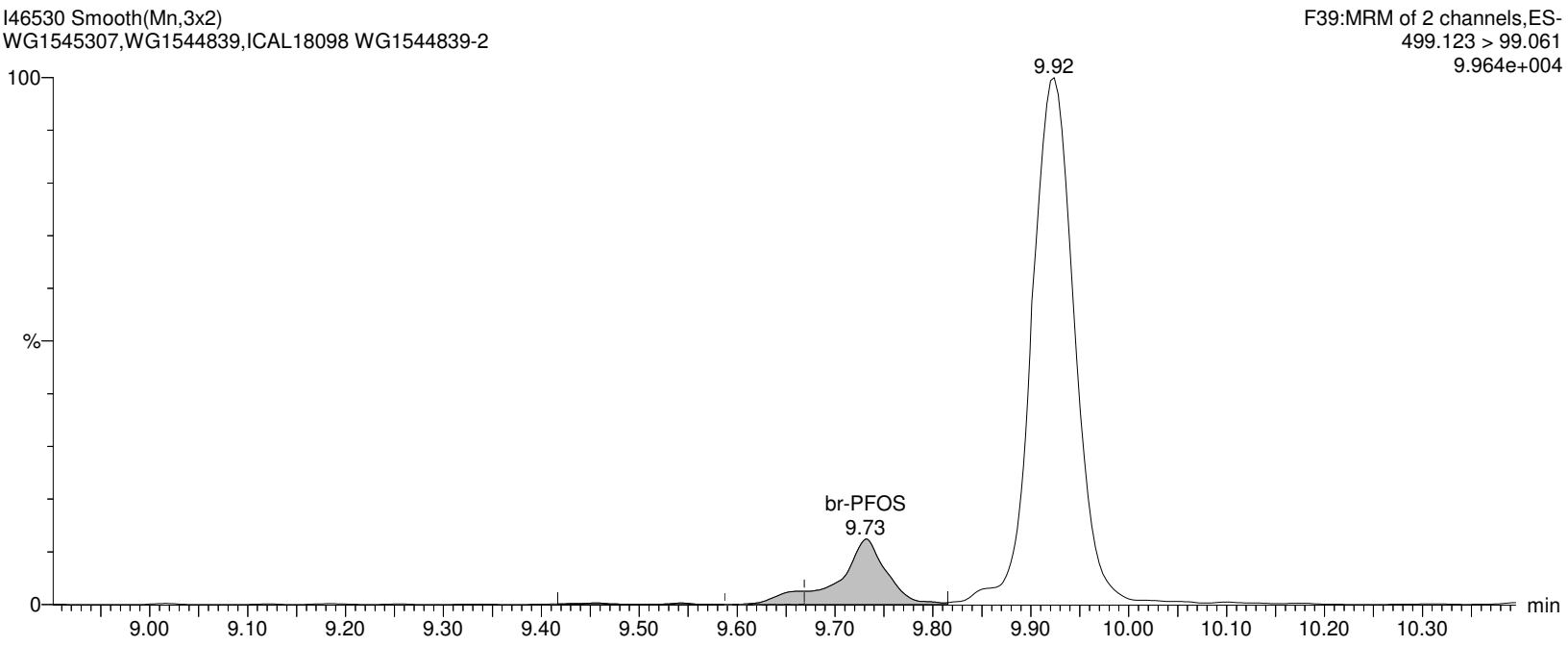
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOS



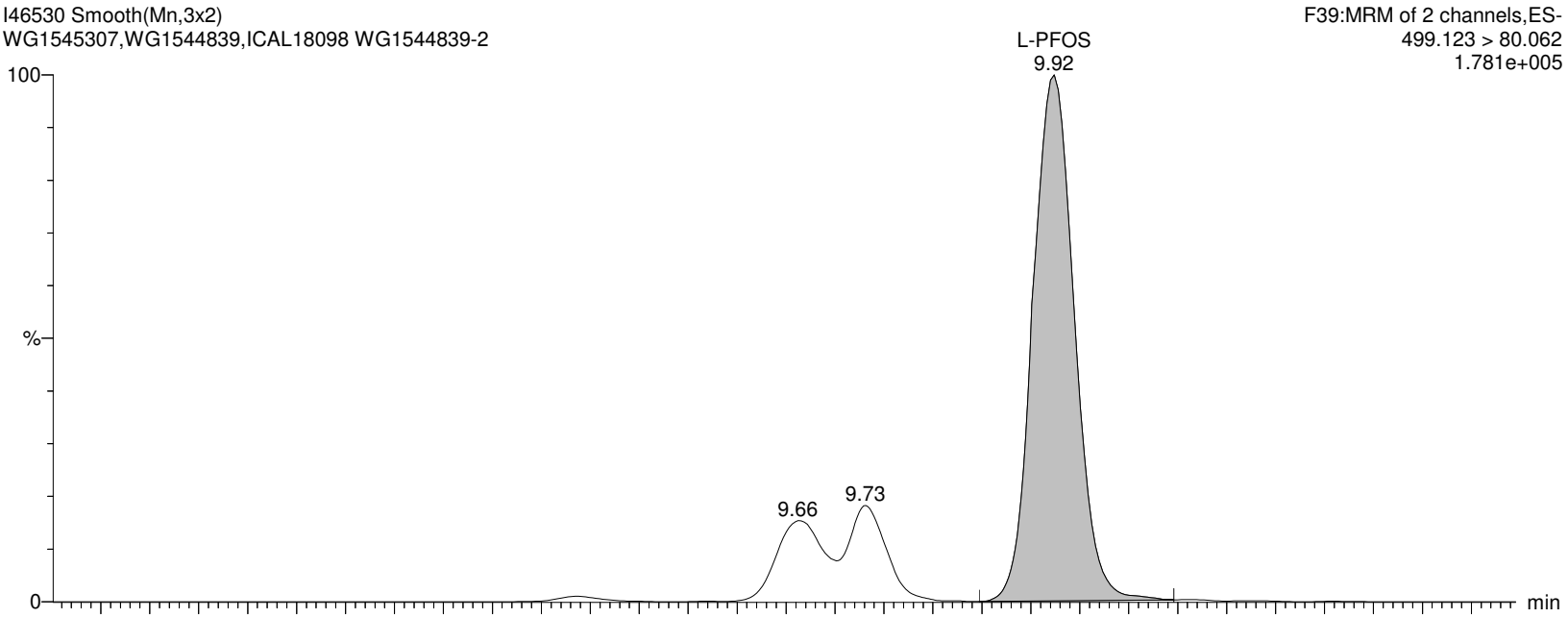


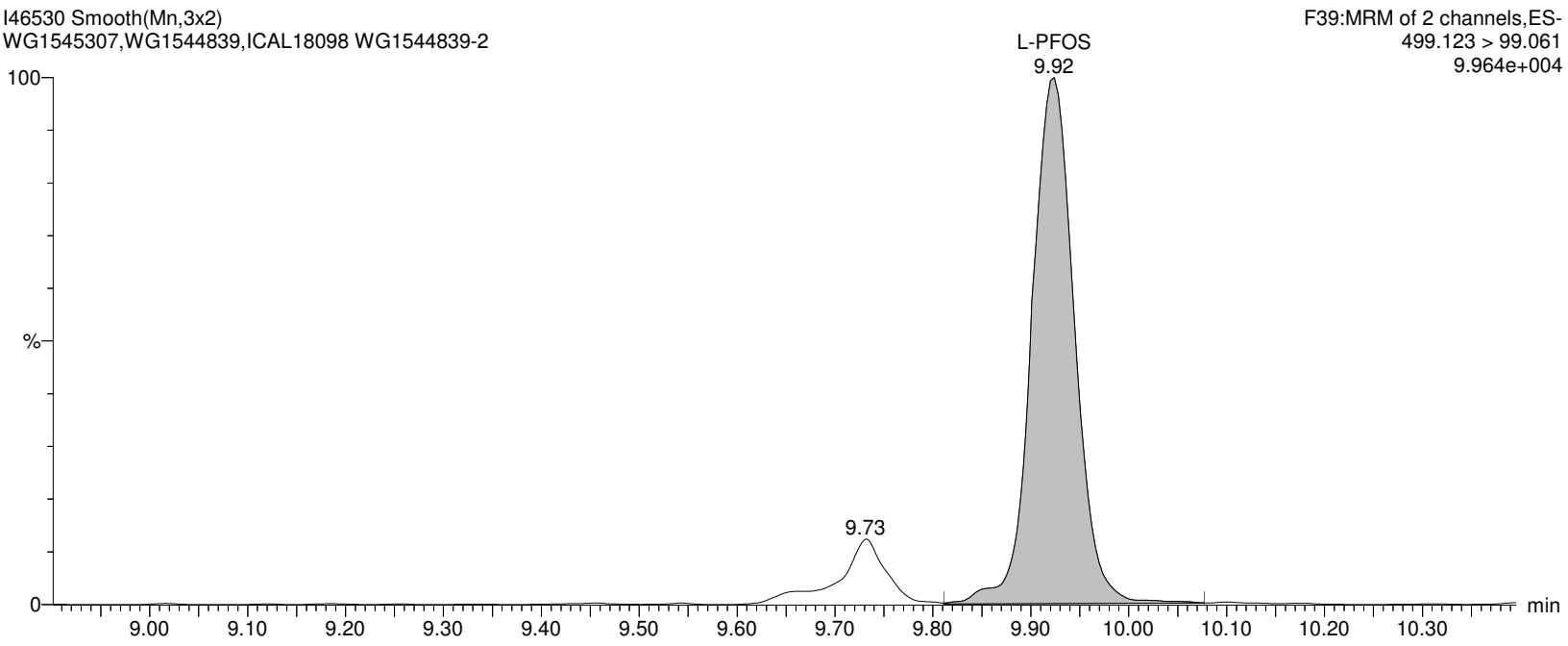
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOS



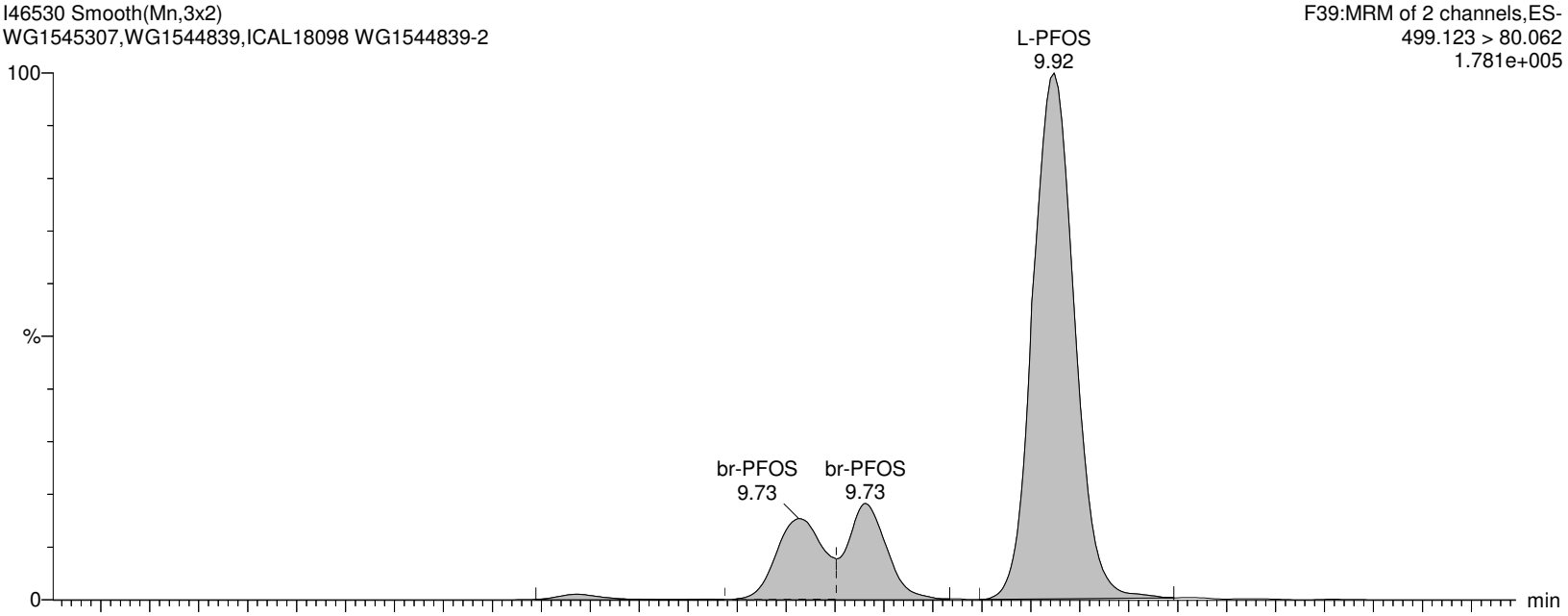


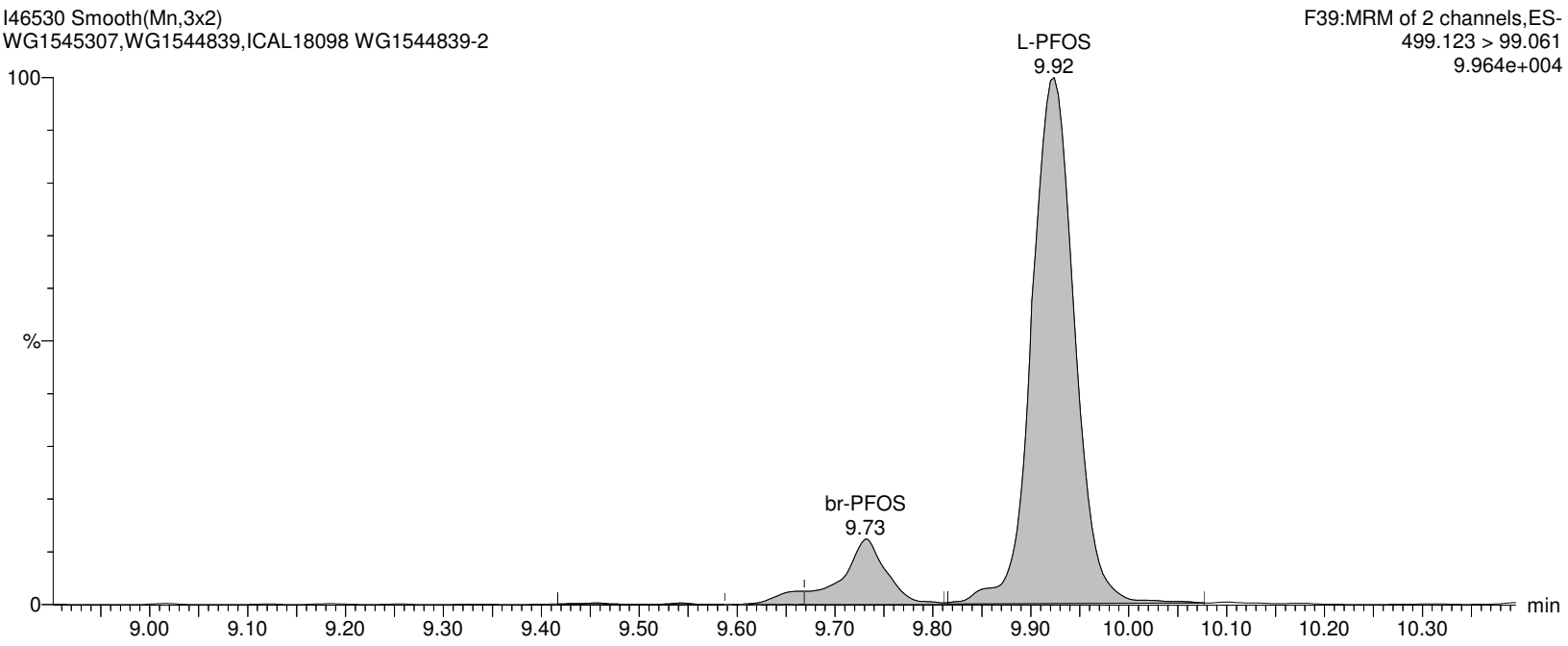
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOS



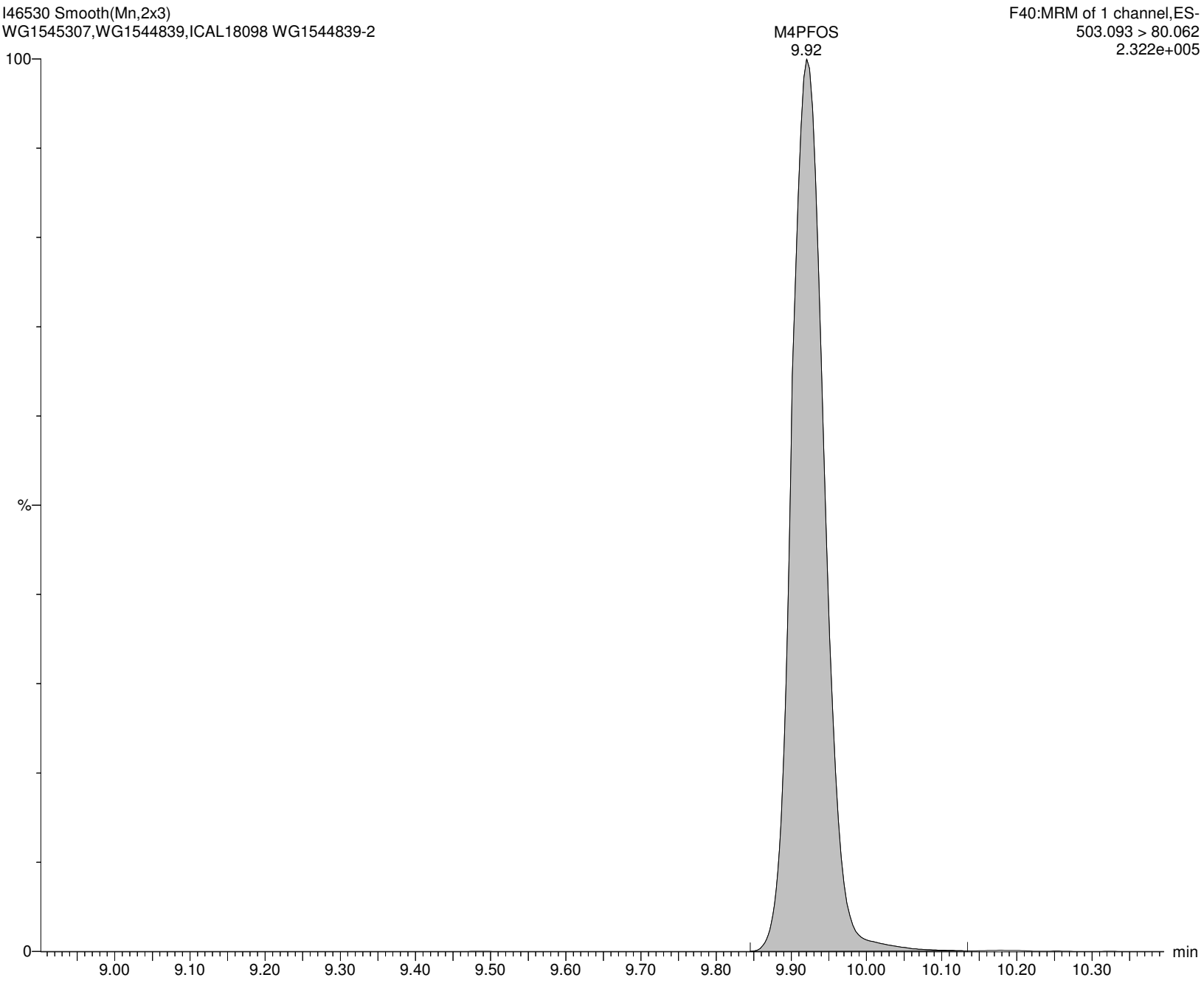


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOS

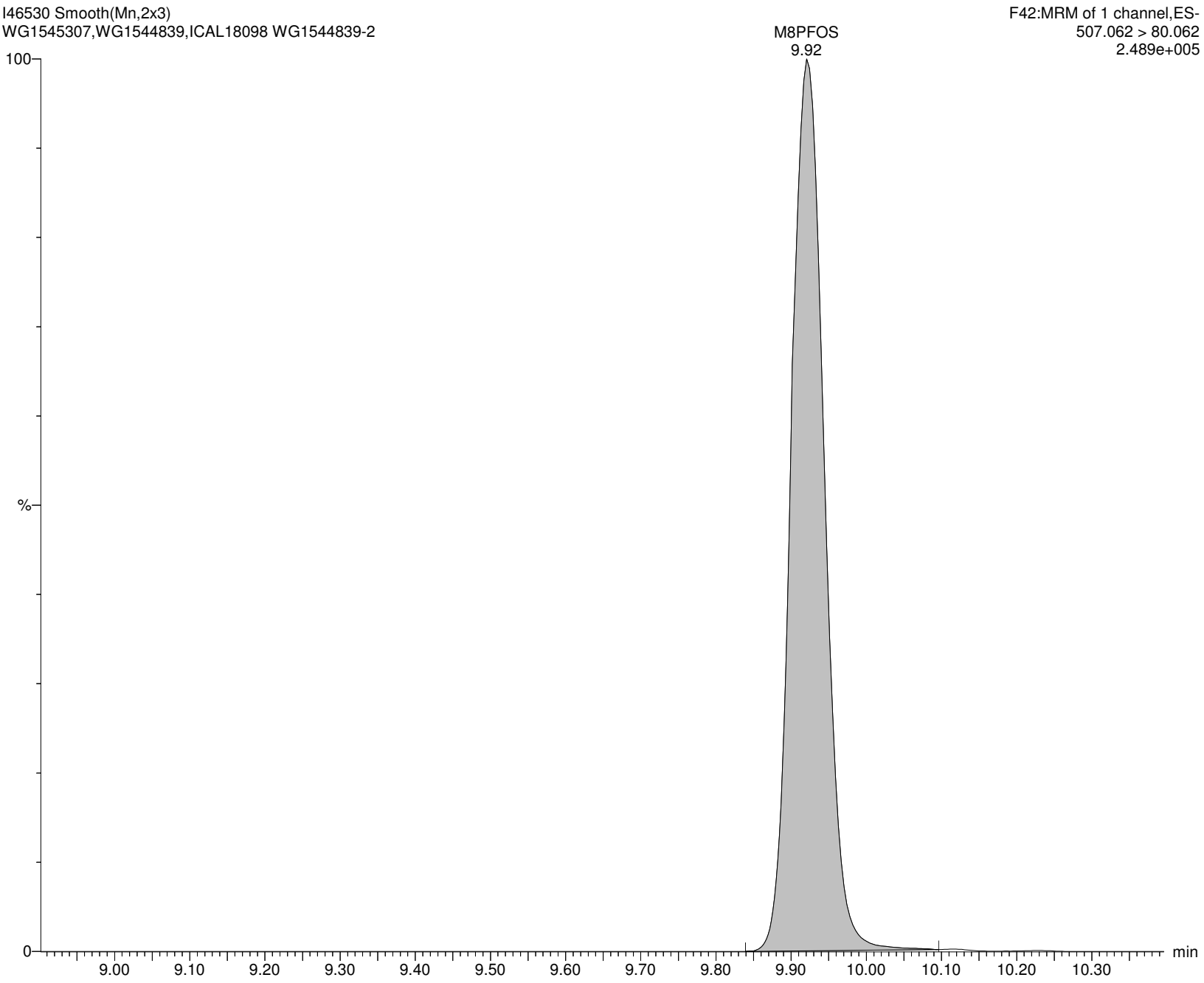


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOS

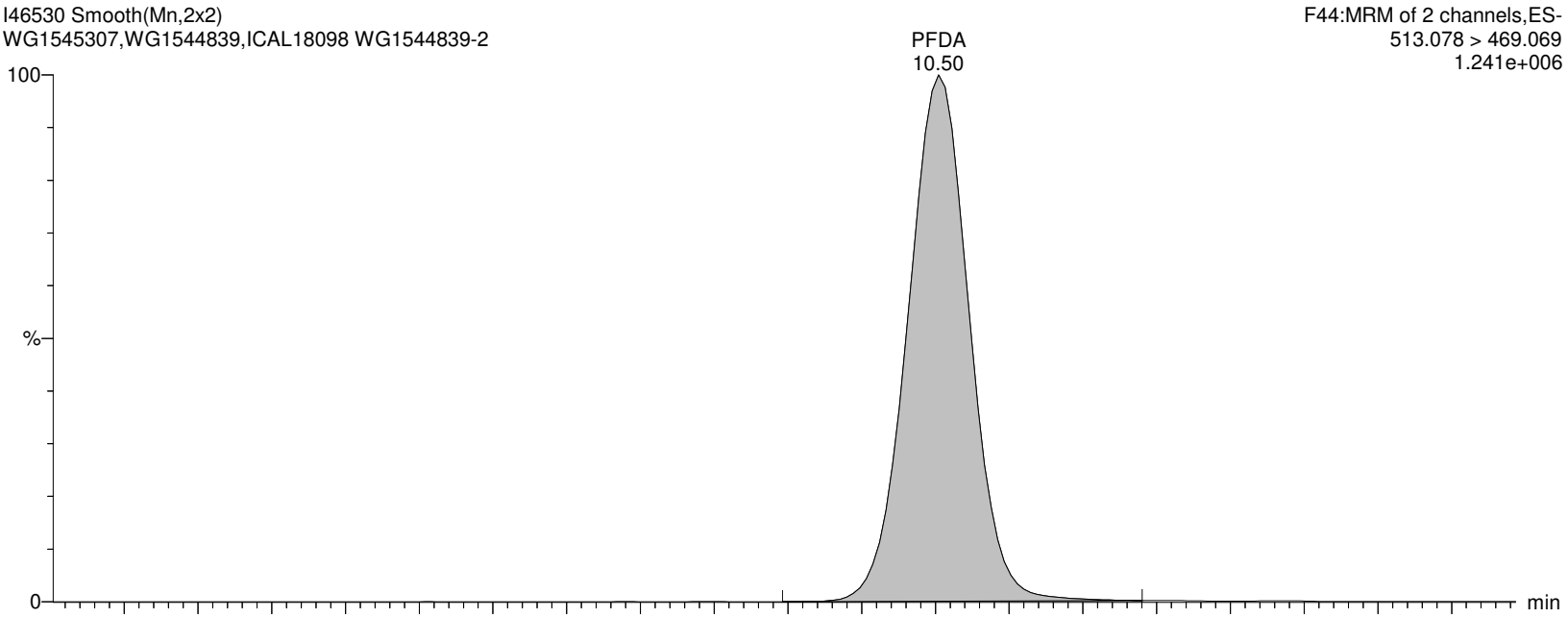


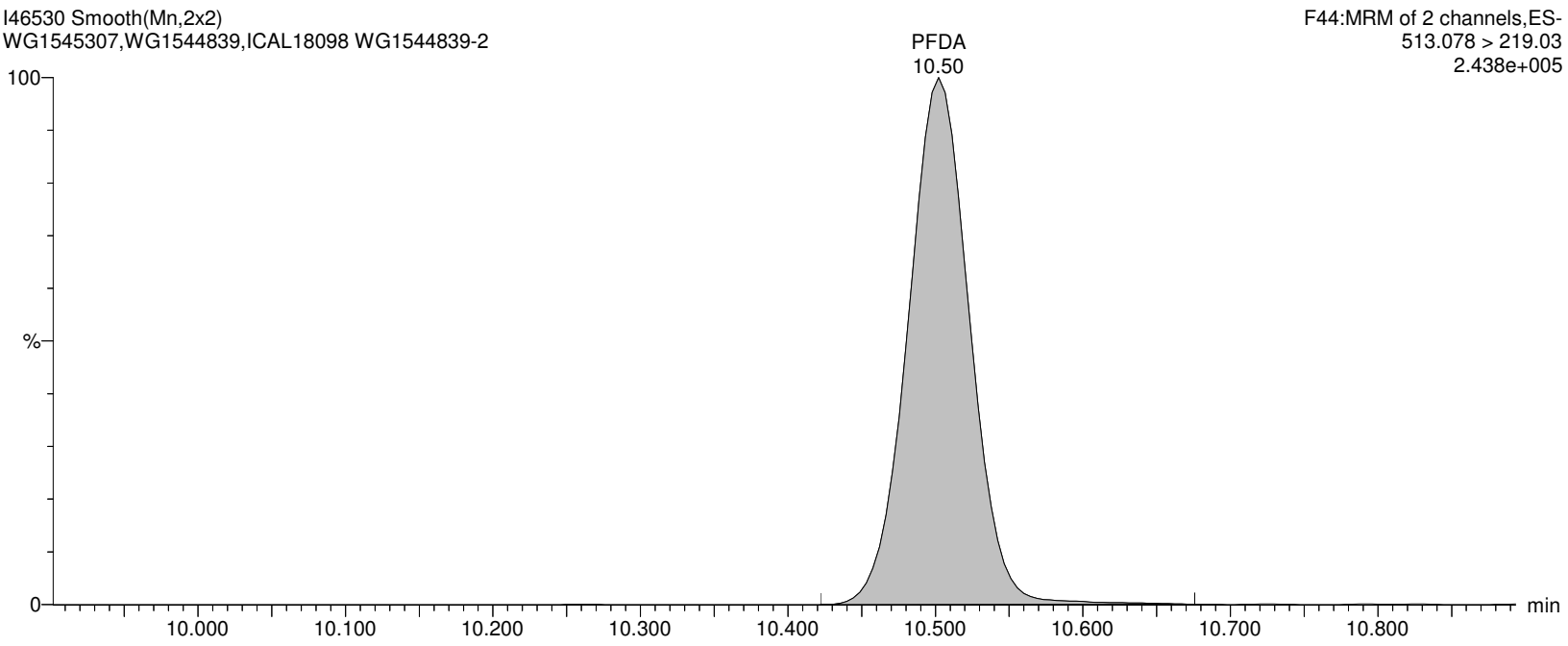
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDA



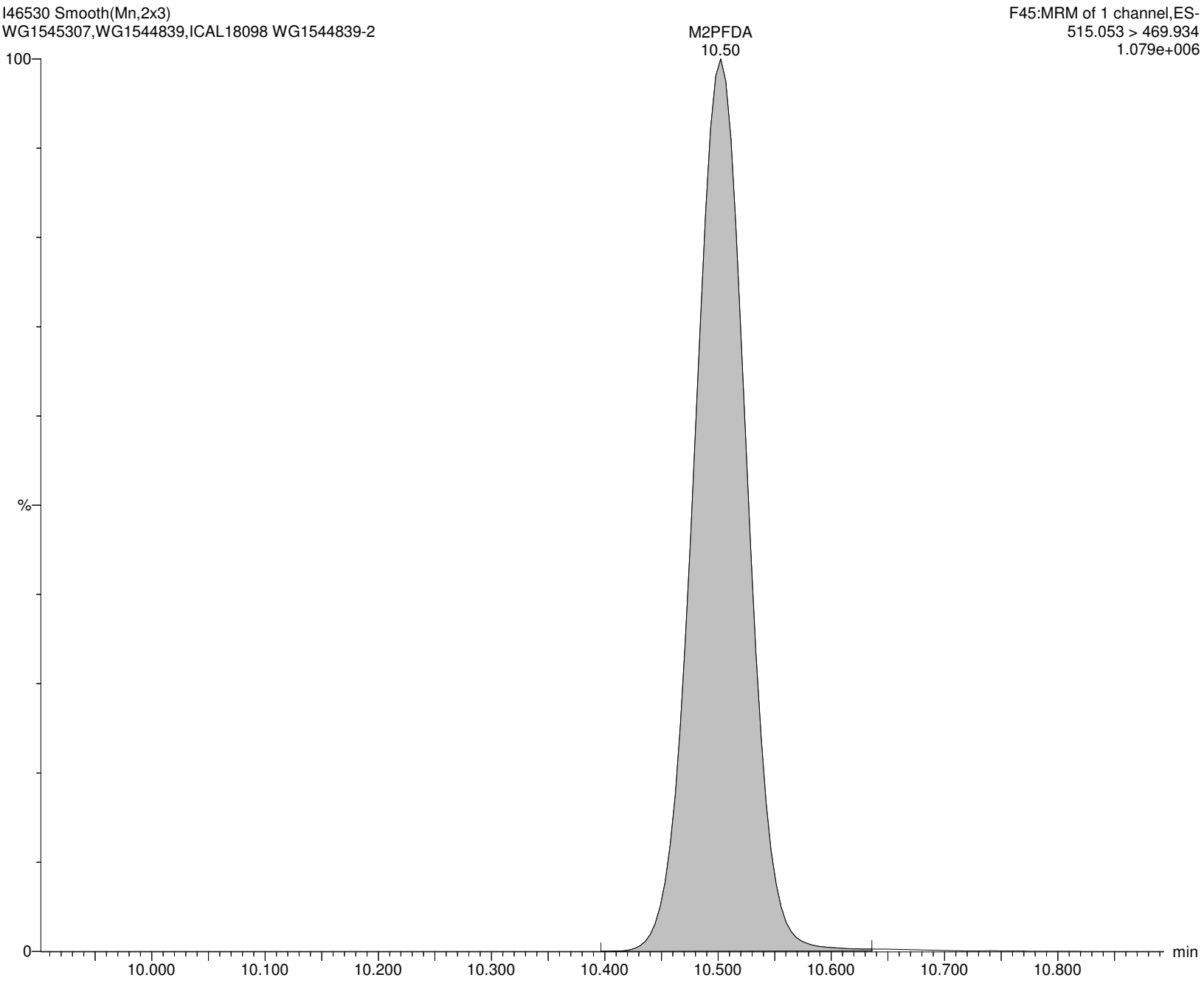


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFDA

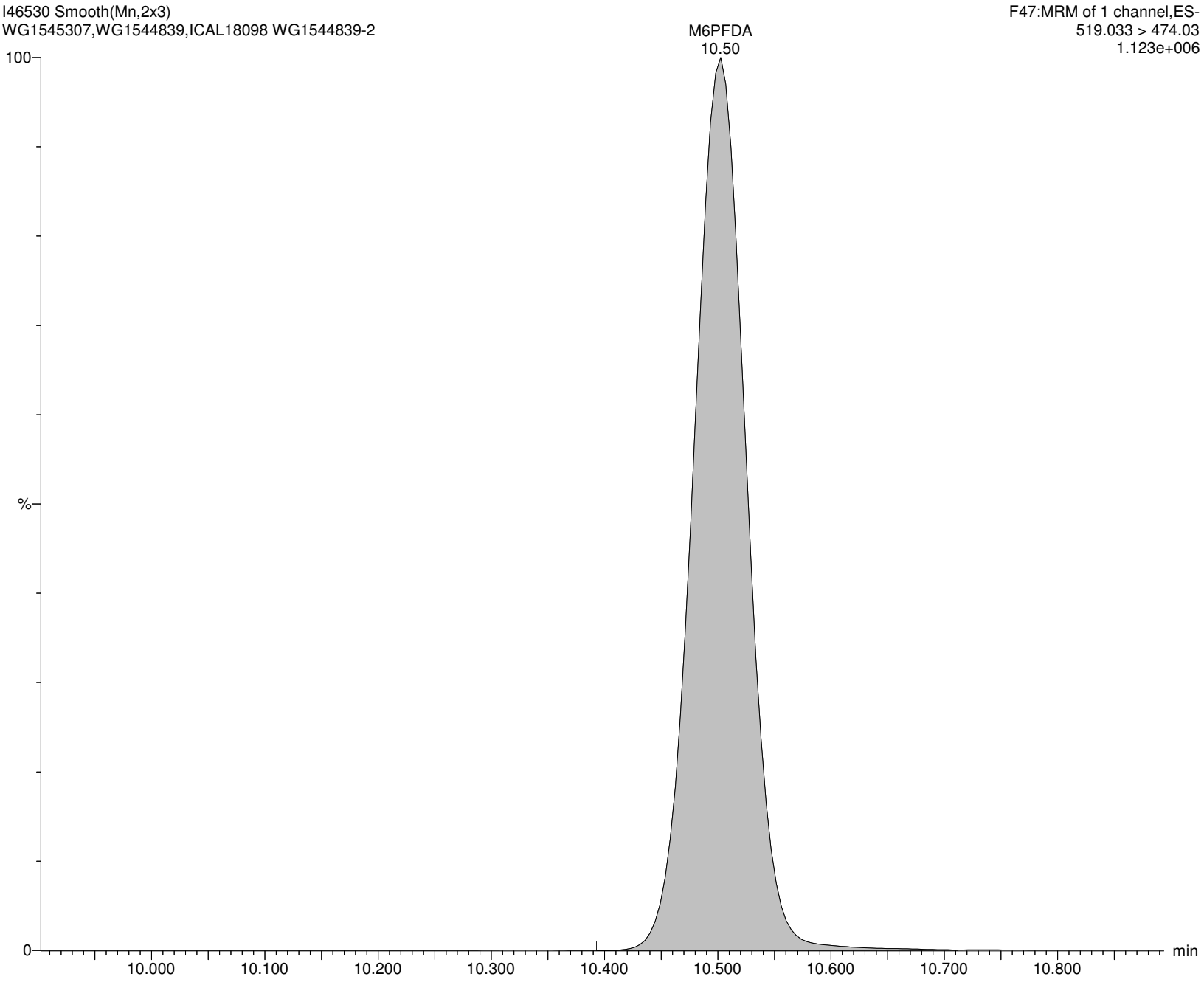


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M6PFDA

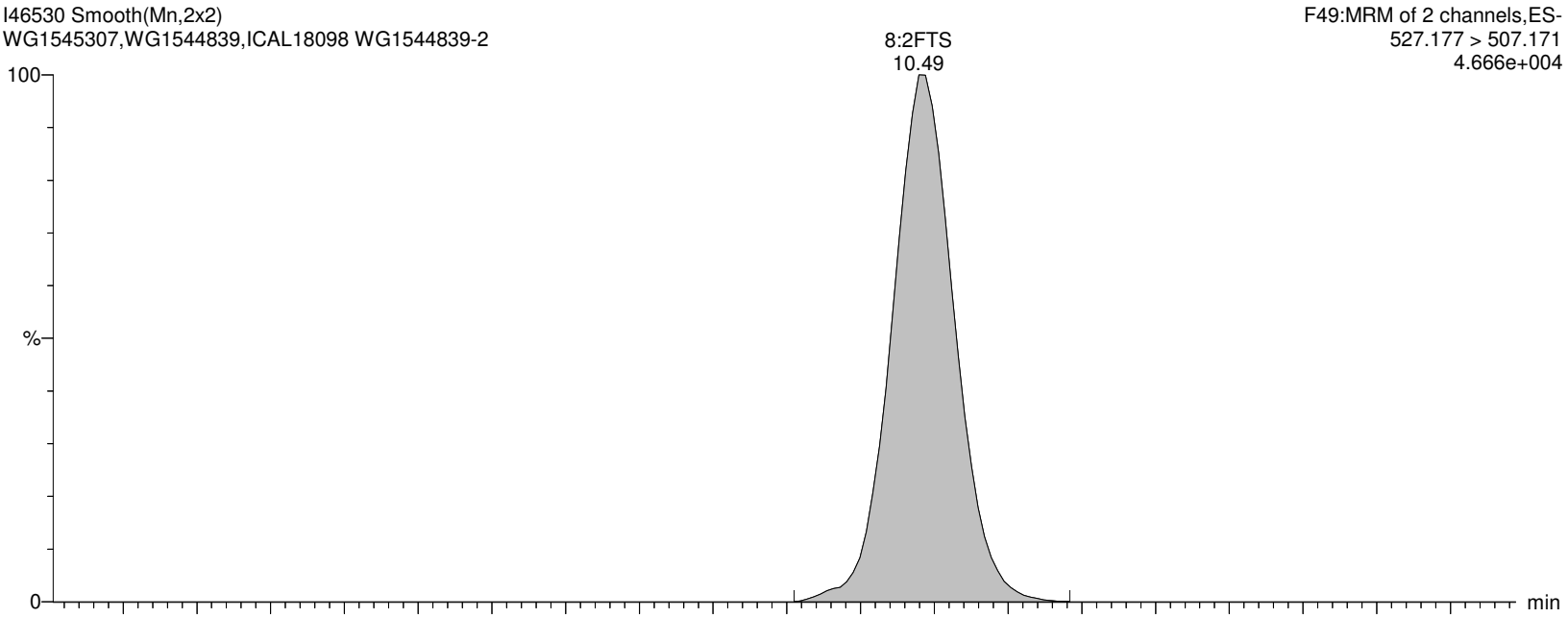


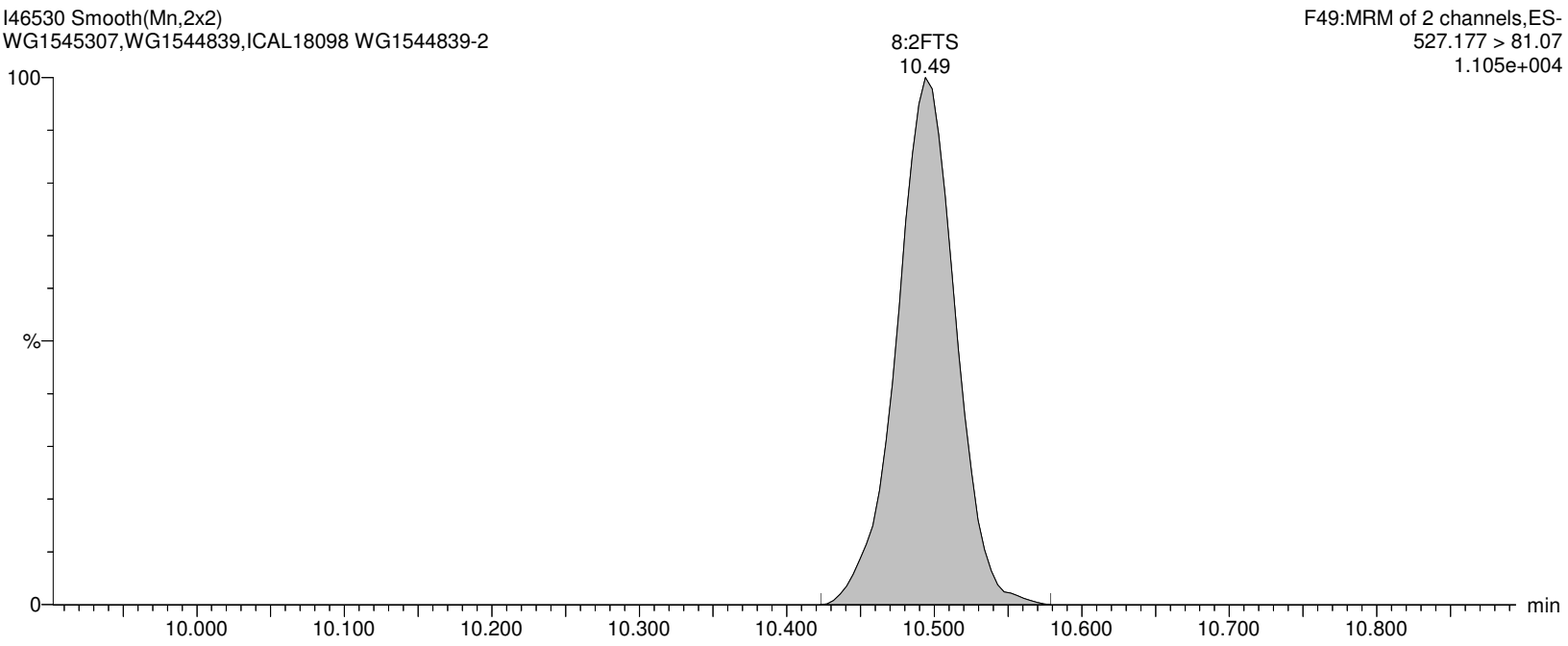
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

8:2FTS



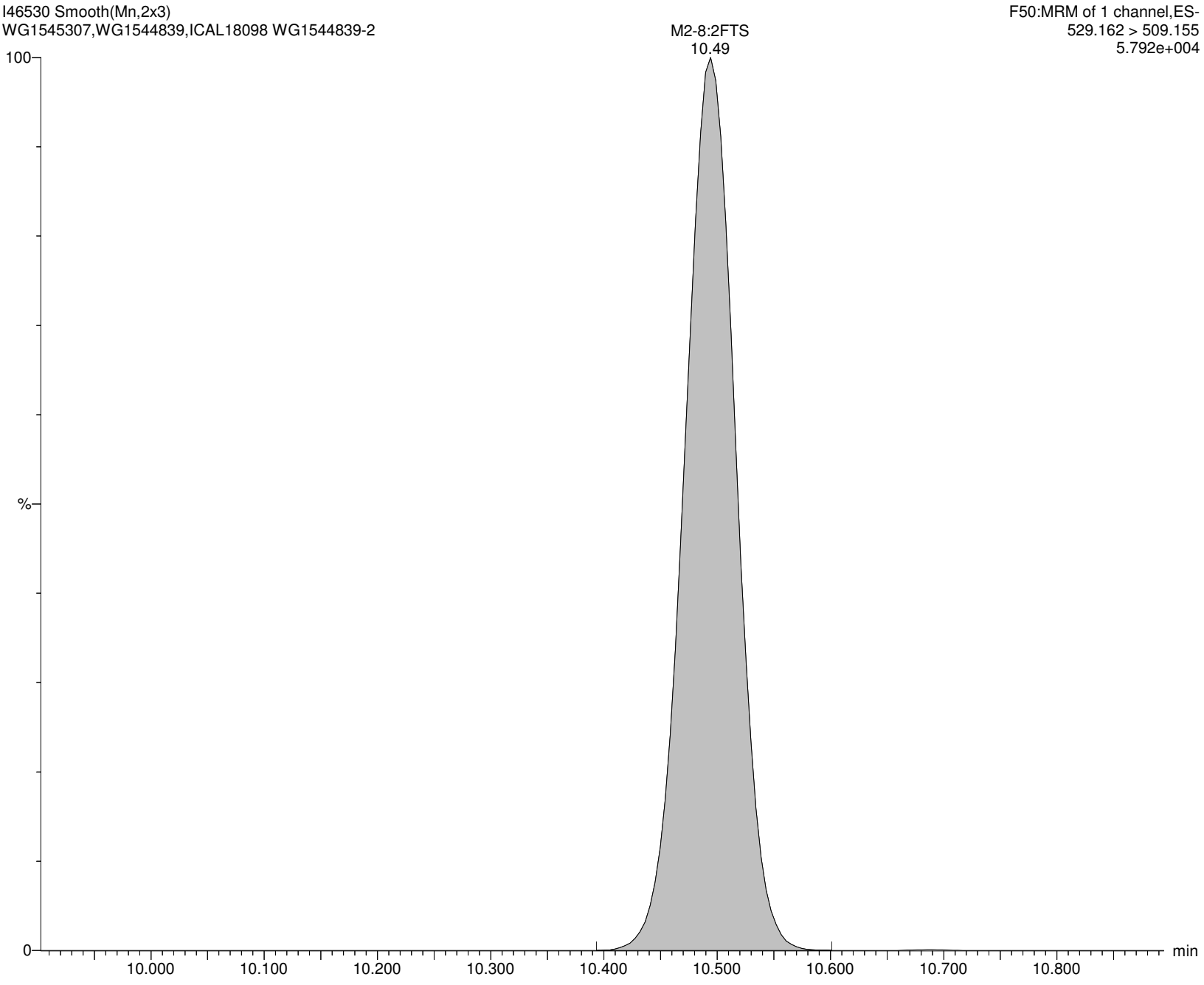


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-8:2FTS

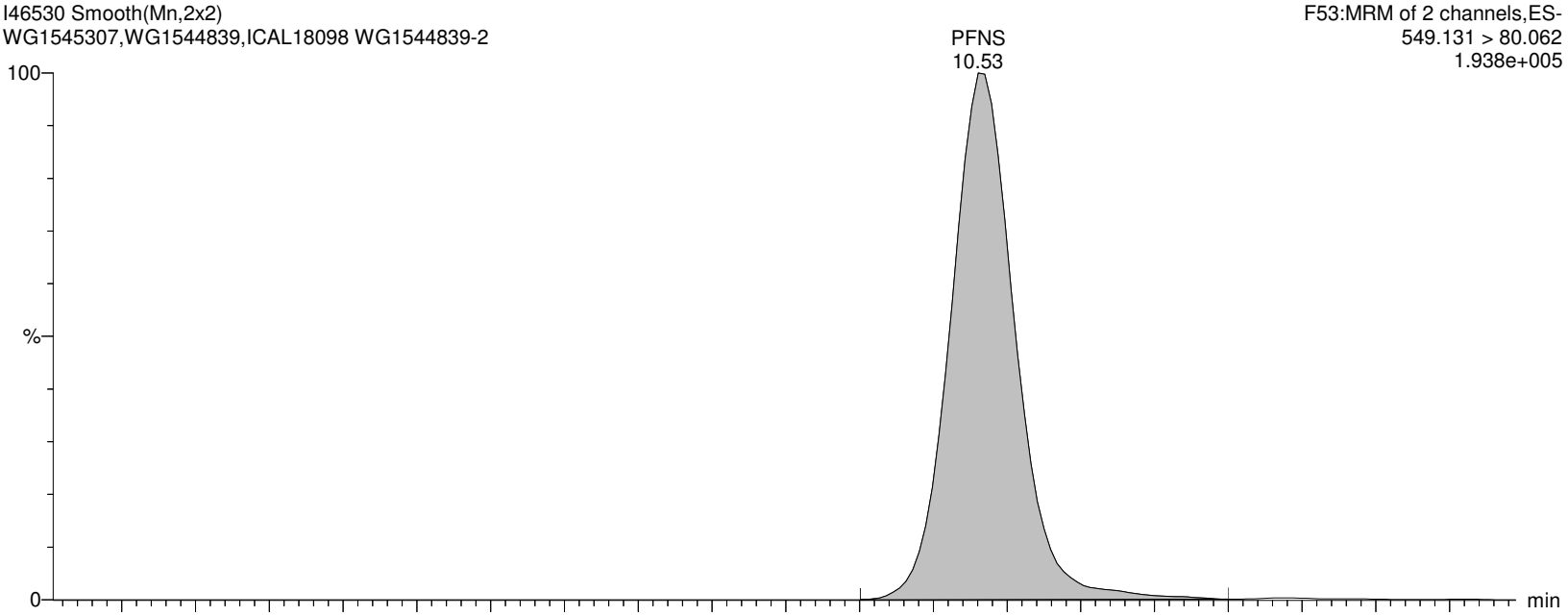


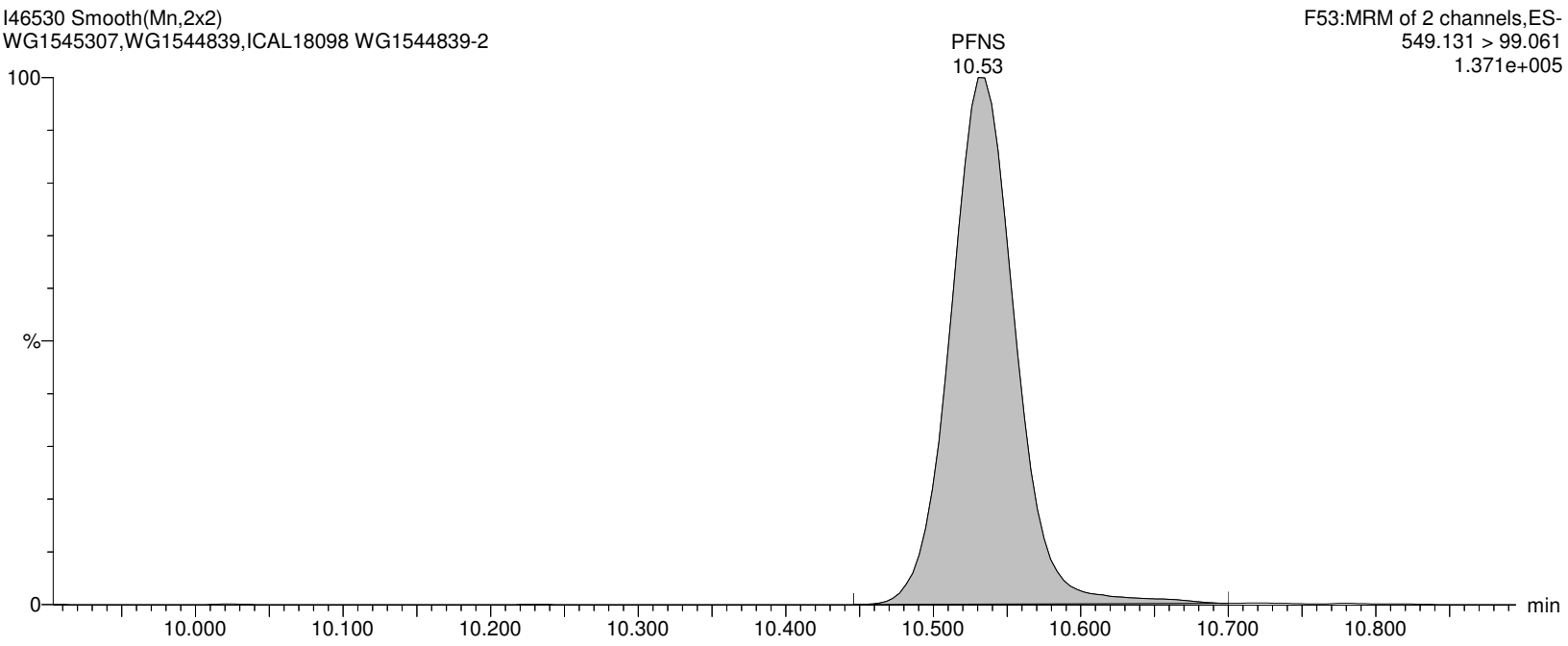
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNS



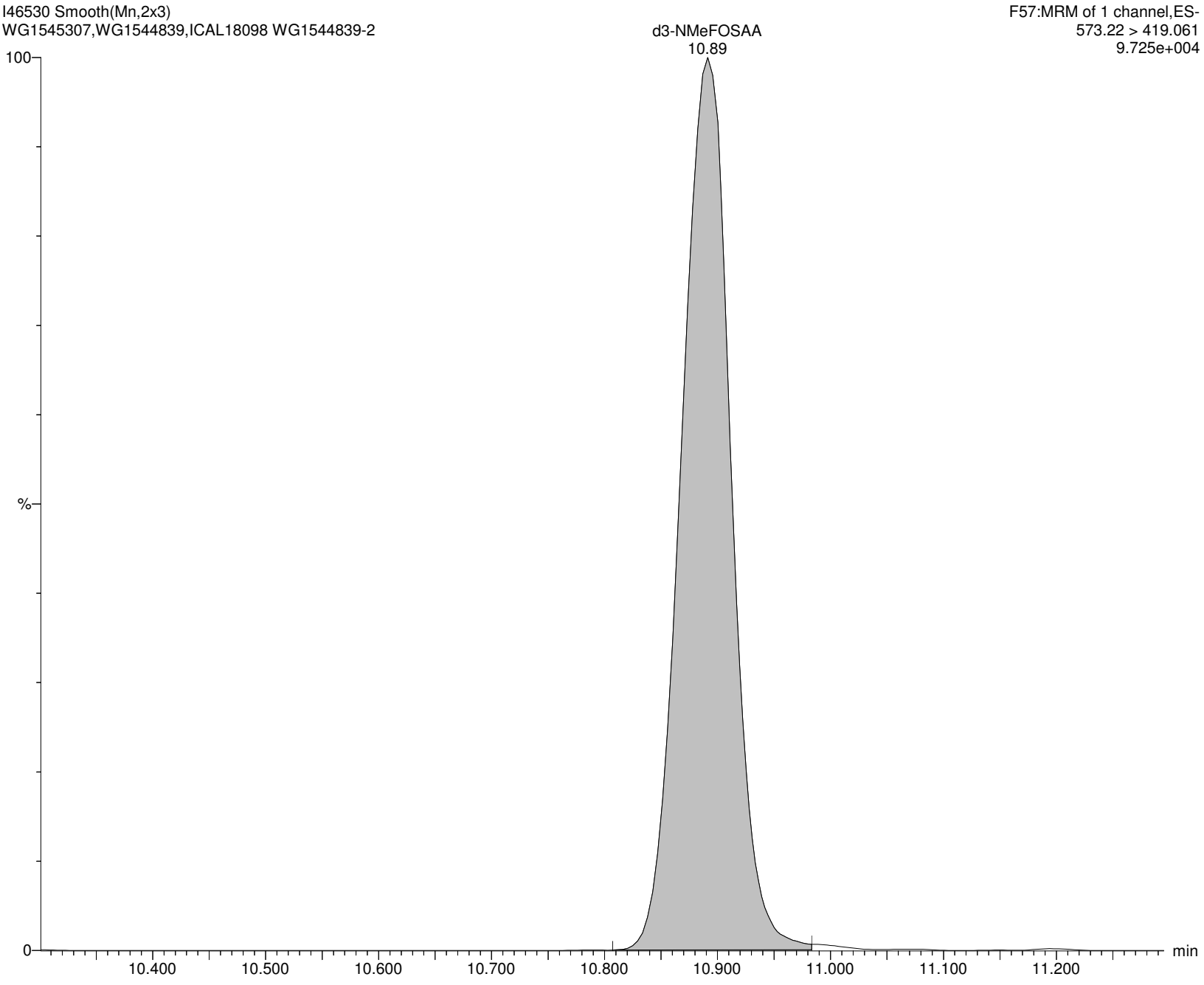


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSAA

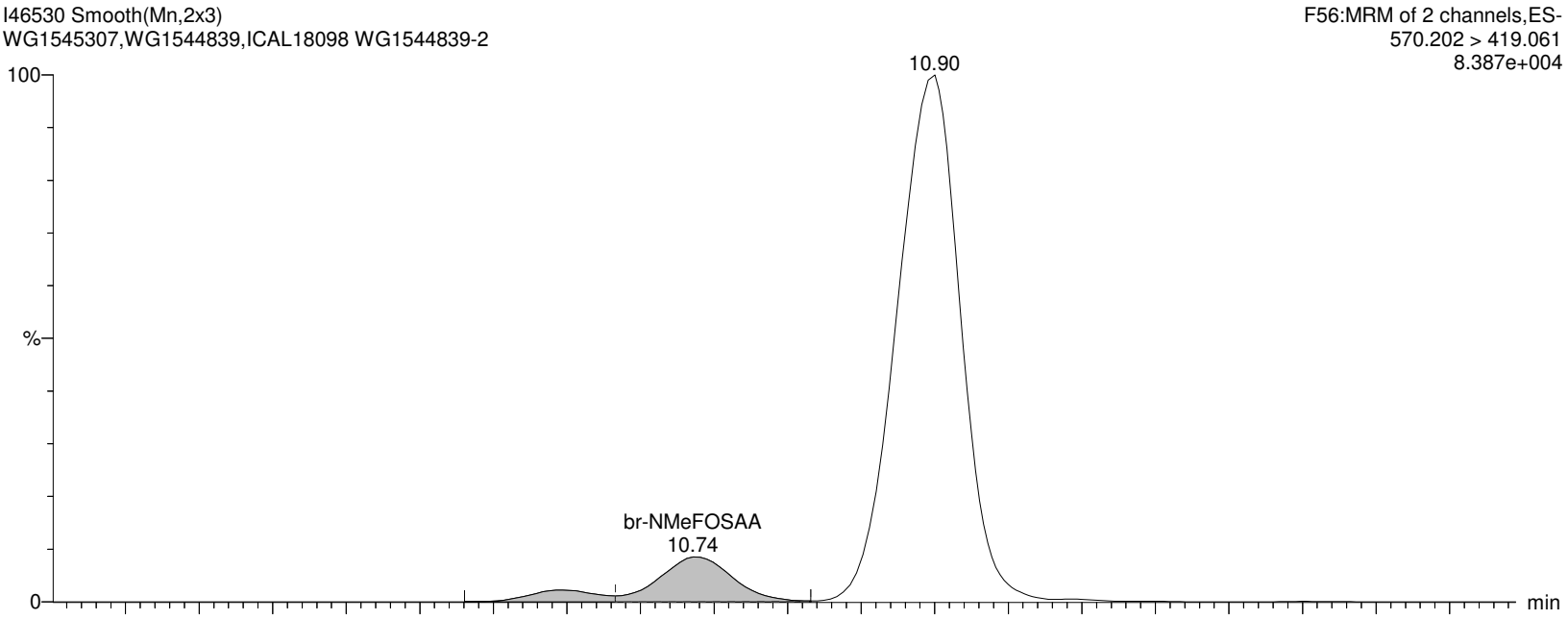


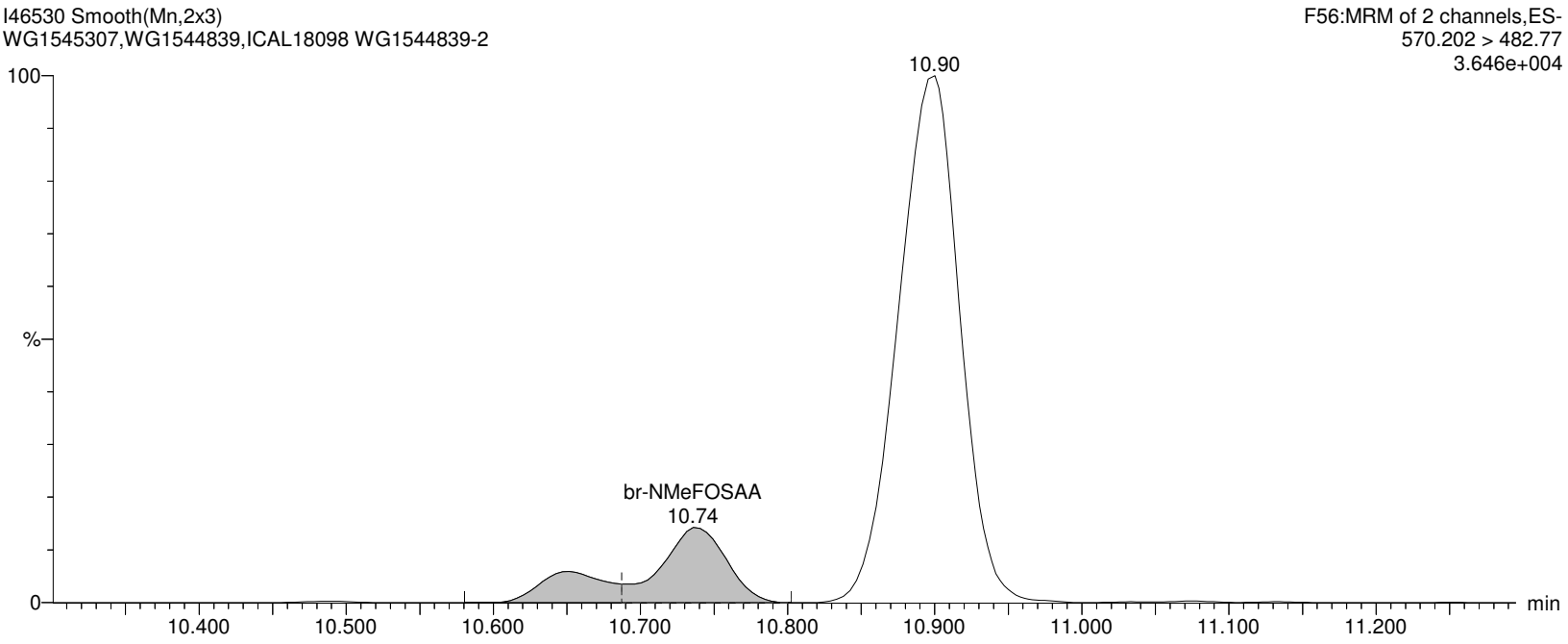
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NMeFOSAA



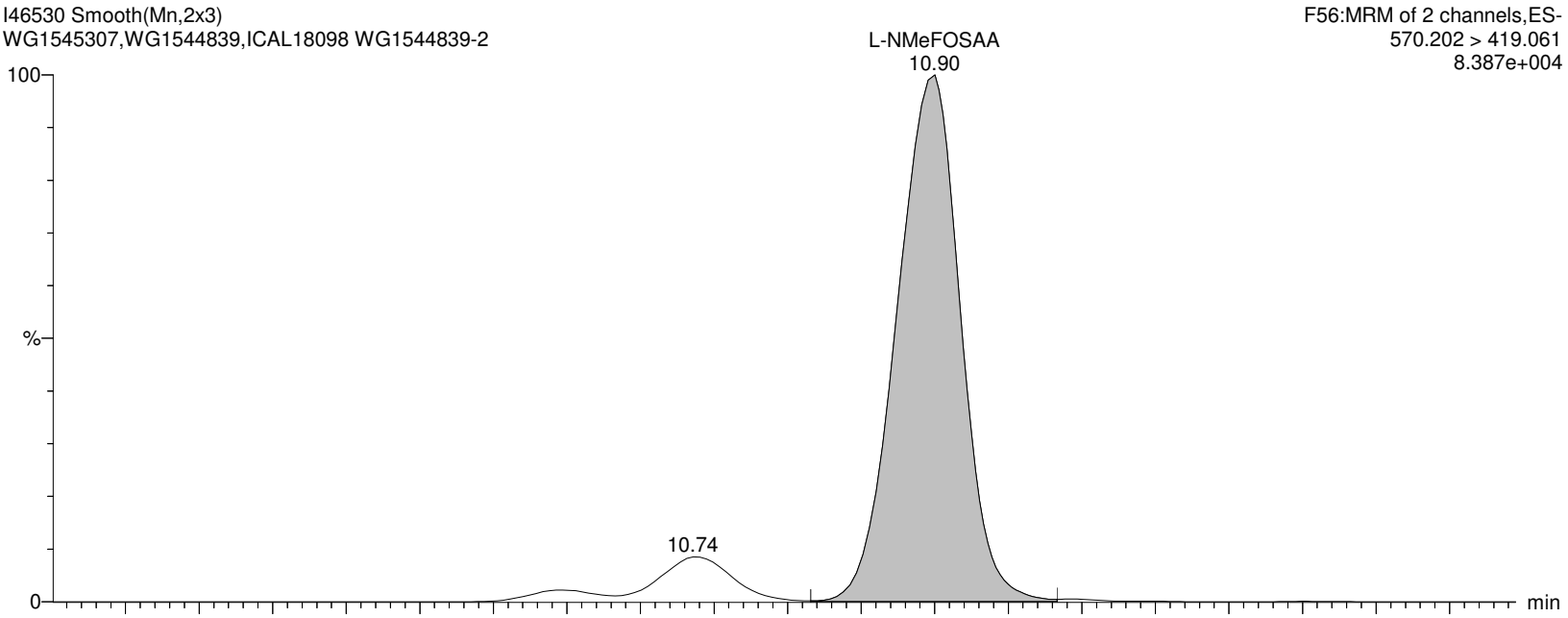


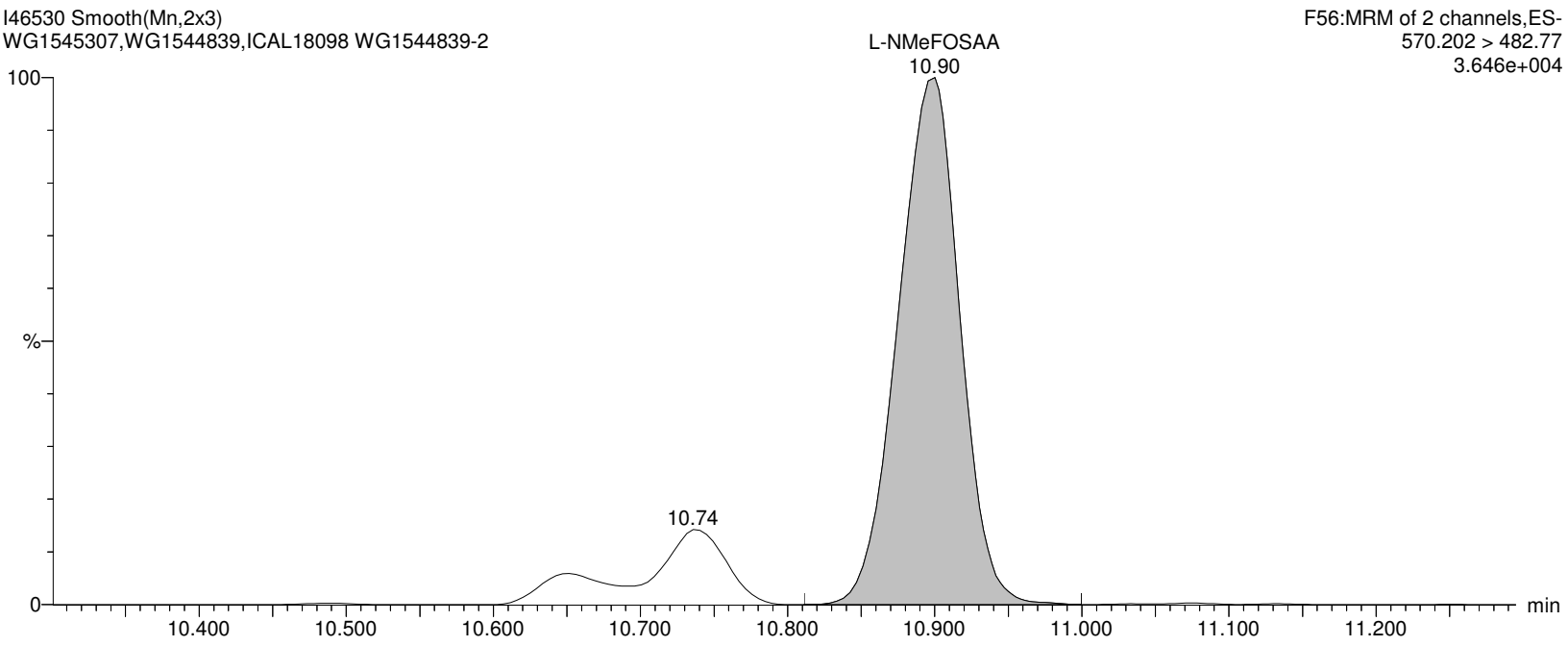
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NMeFOSAA



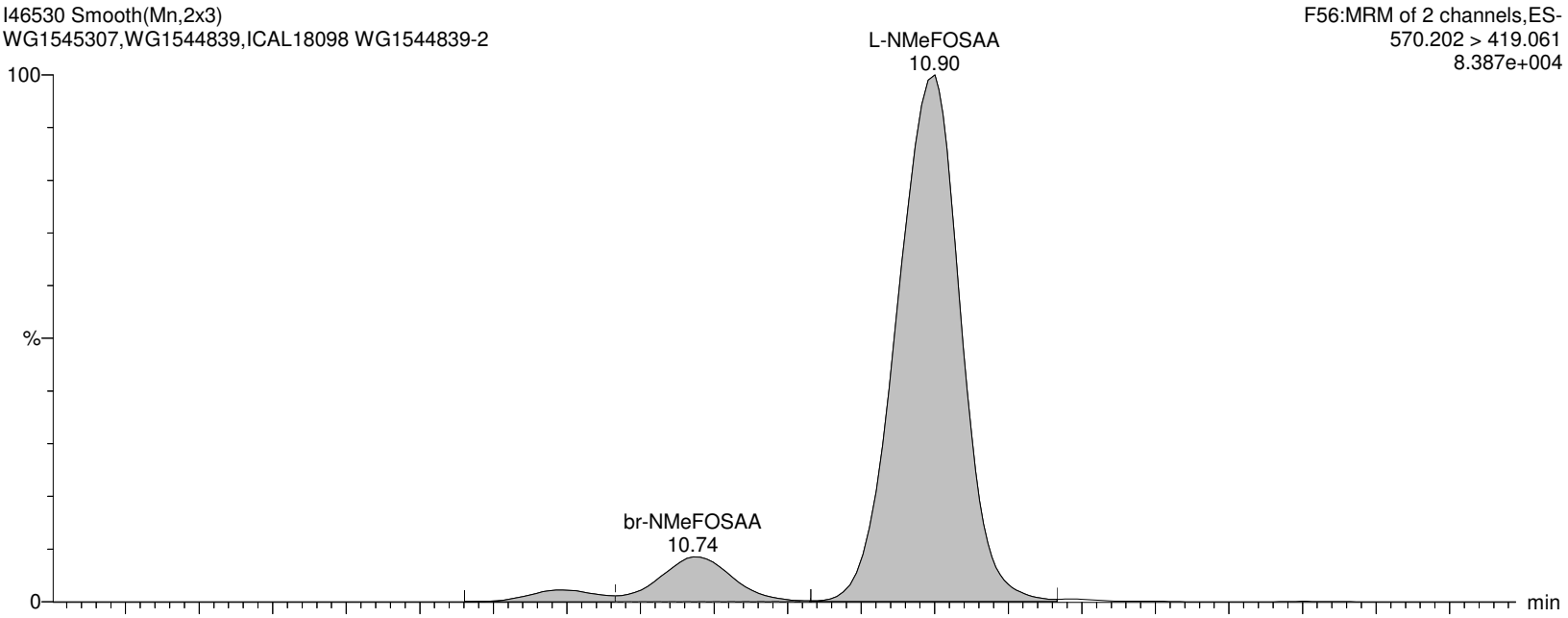


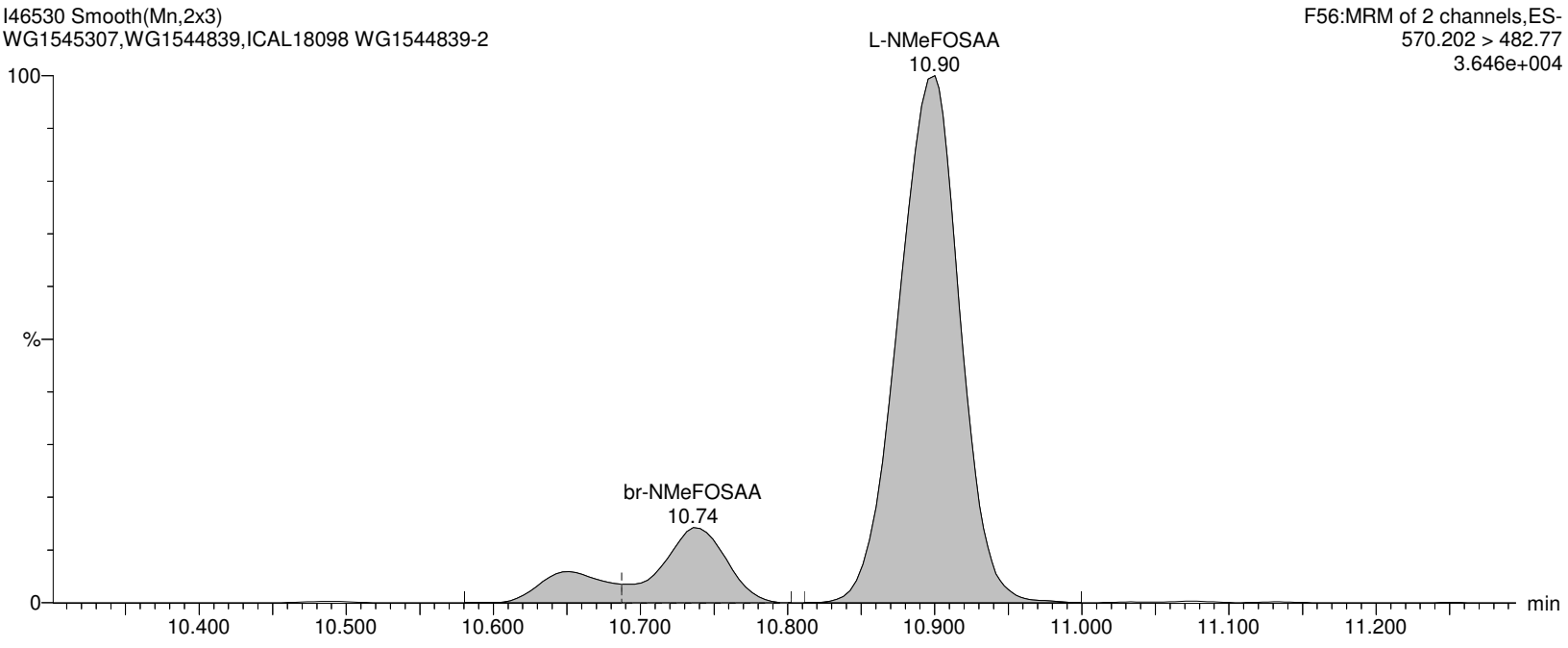
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSAA



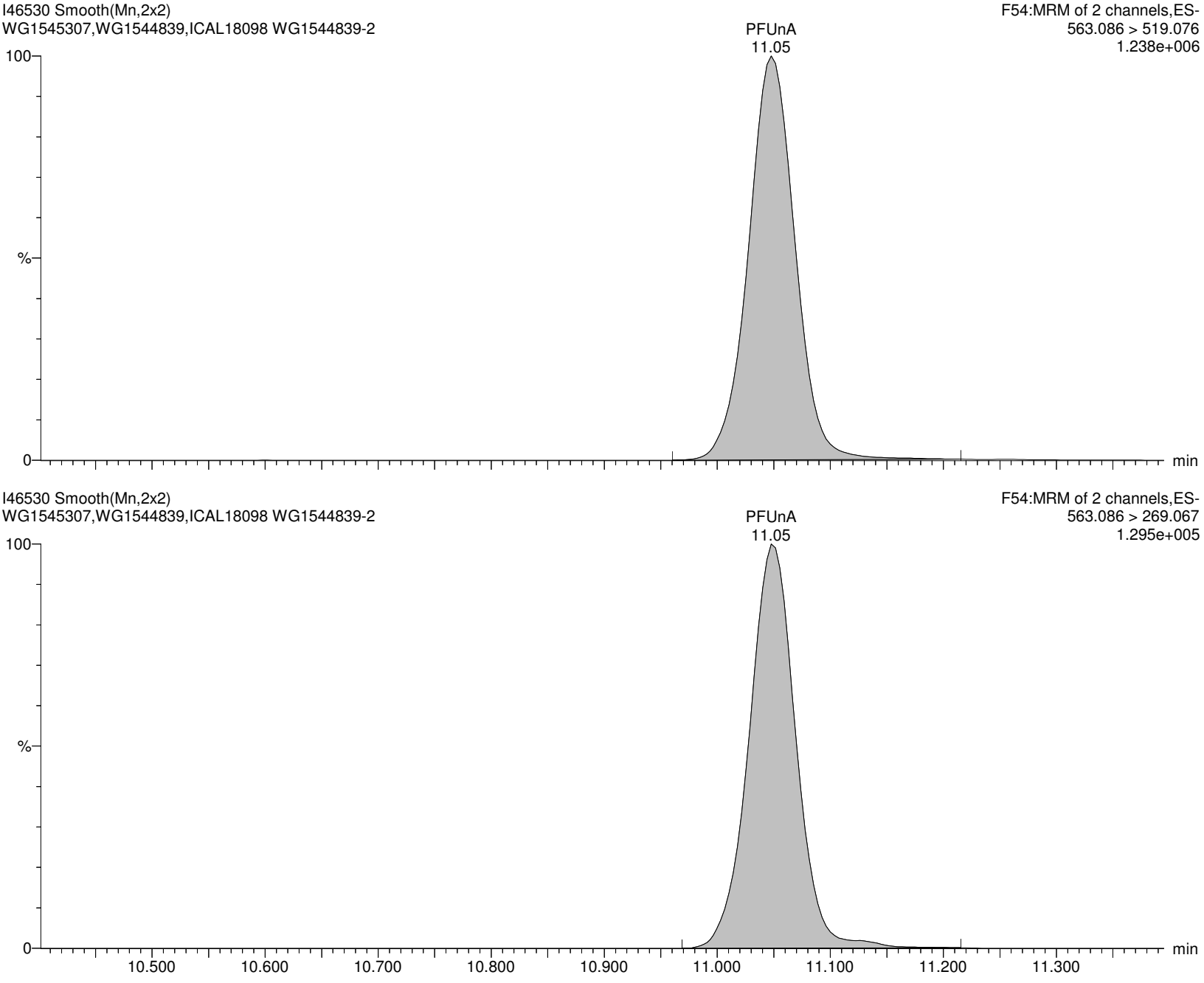


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFUnA

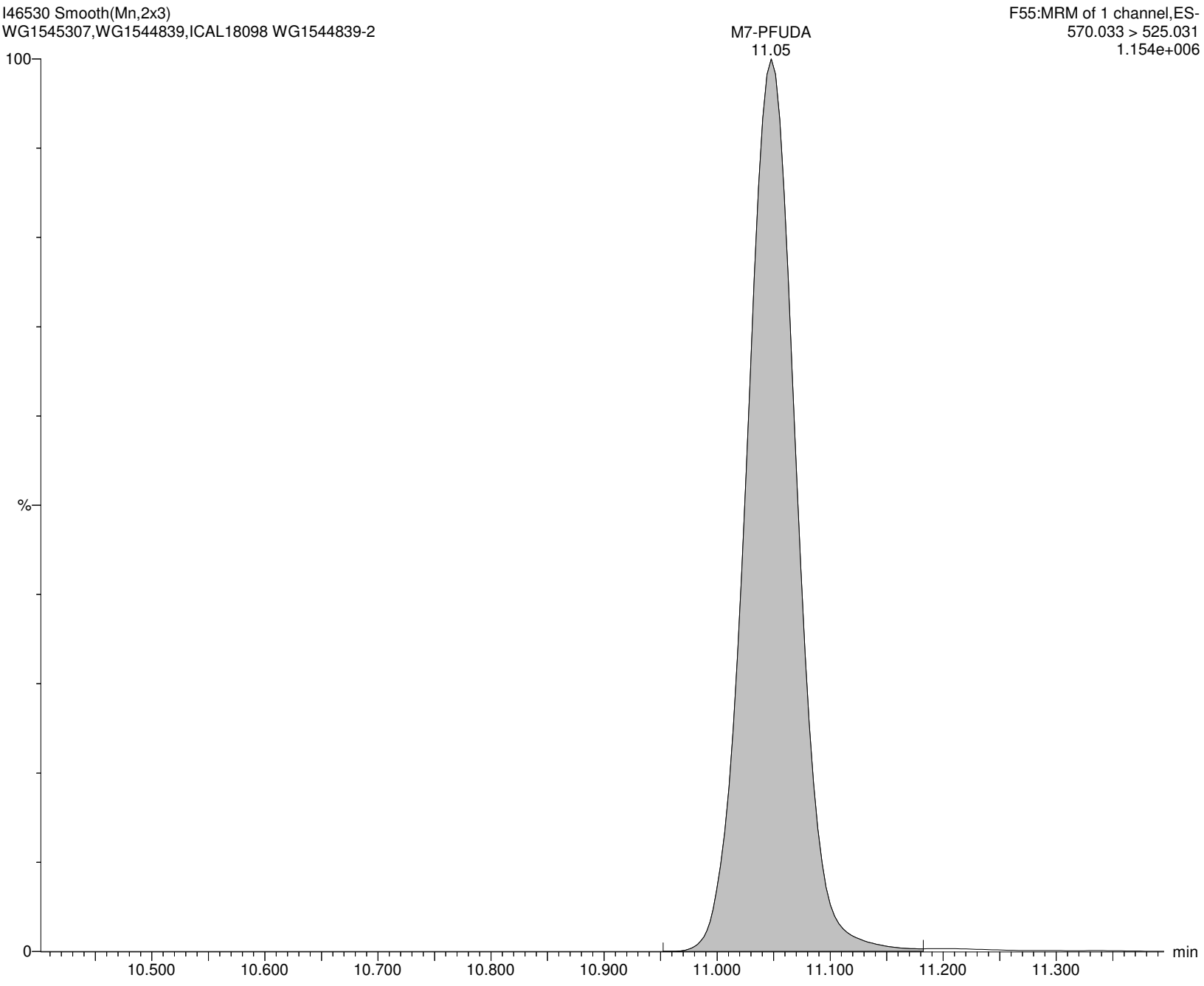


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M7-PFUDA

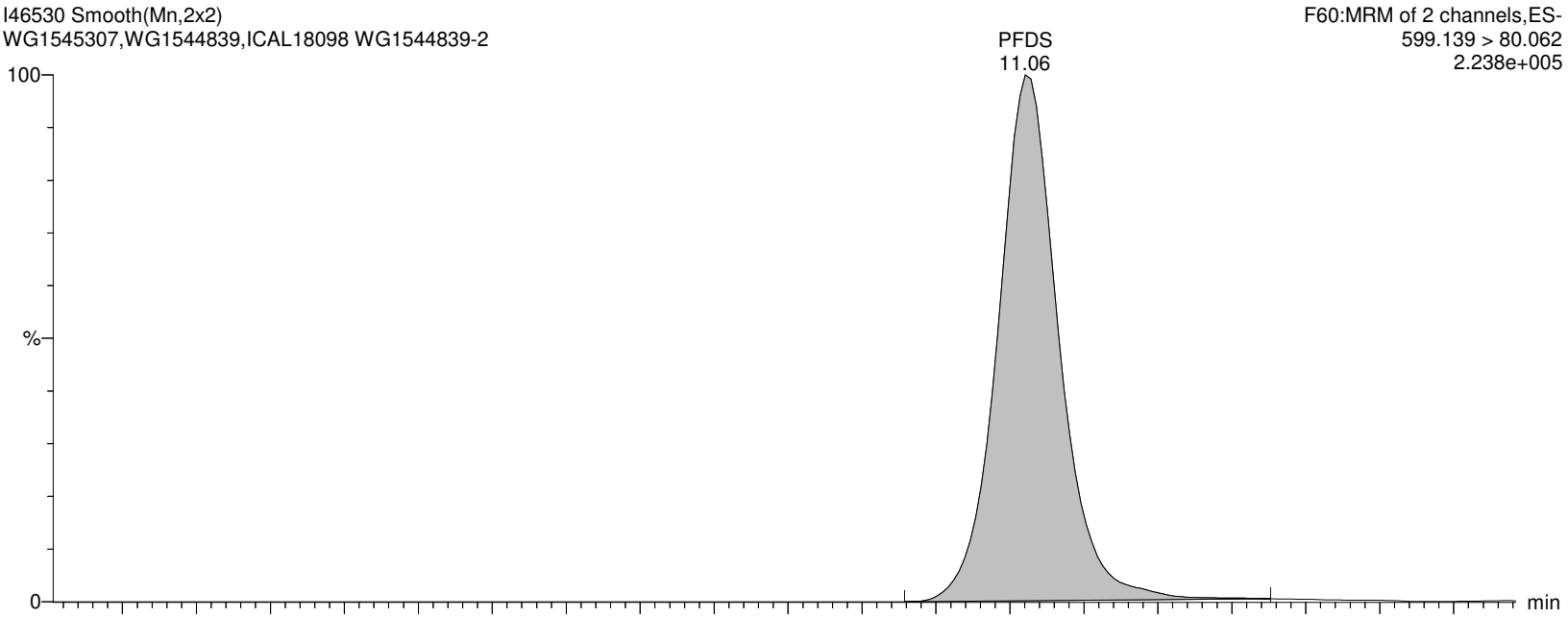


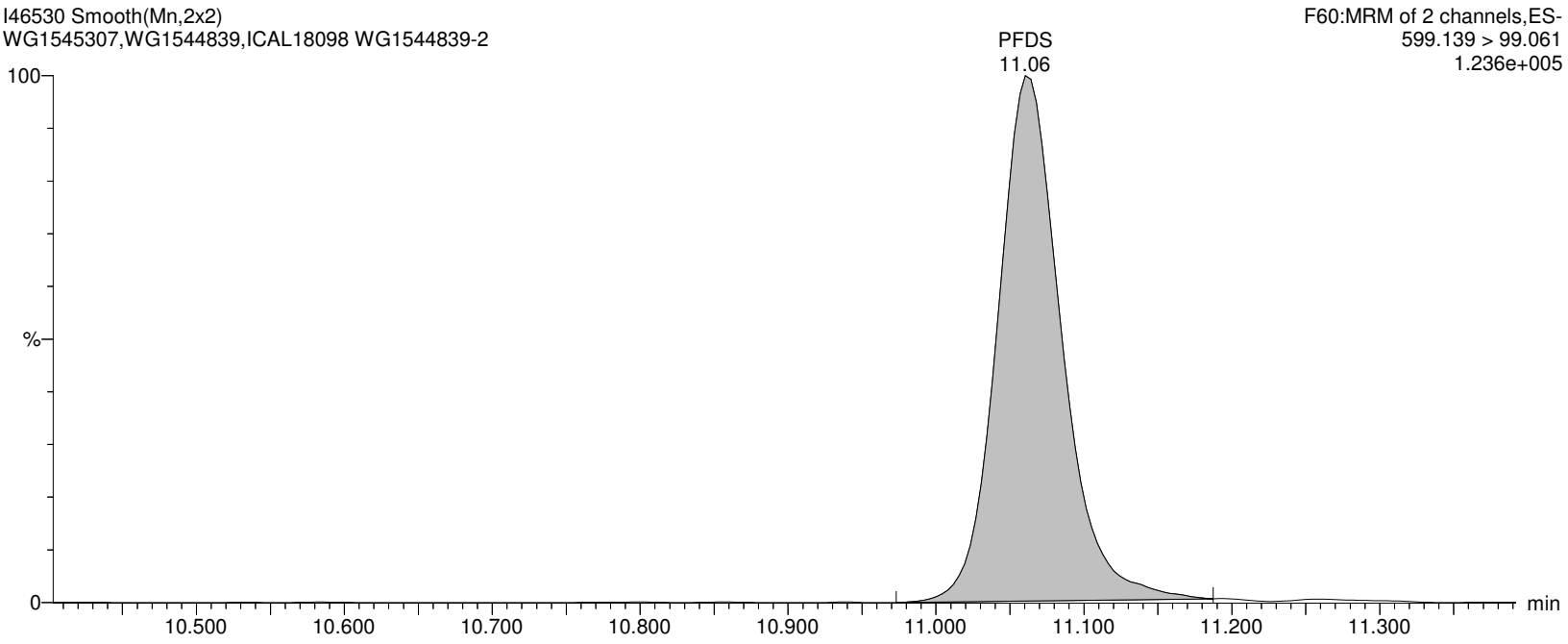
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDS



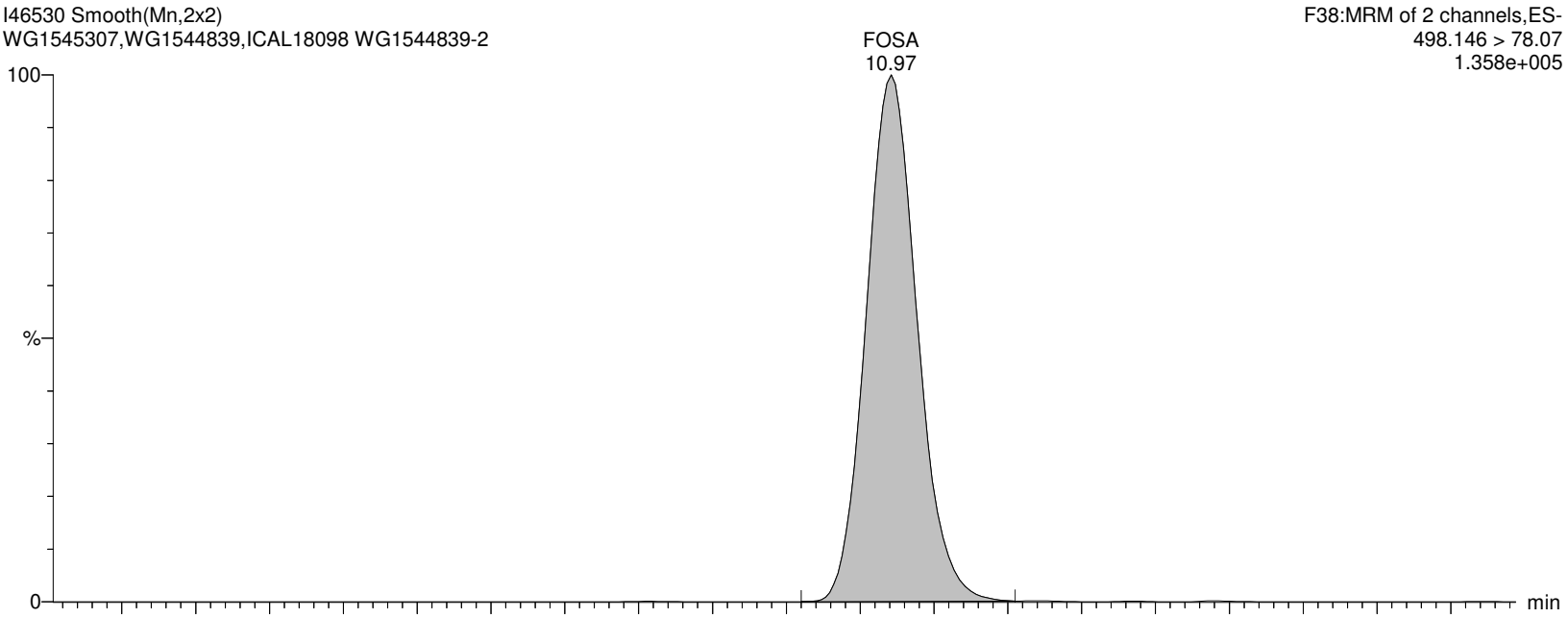


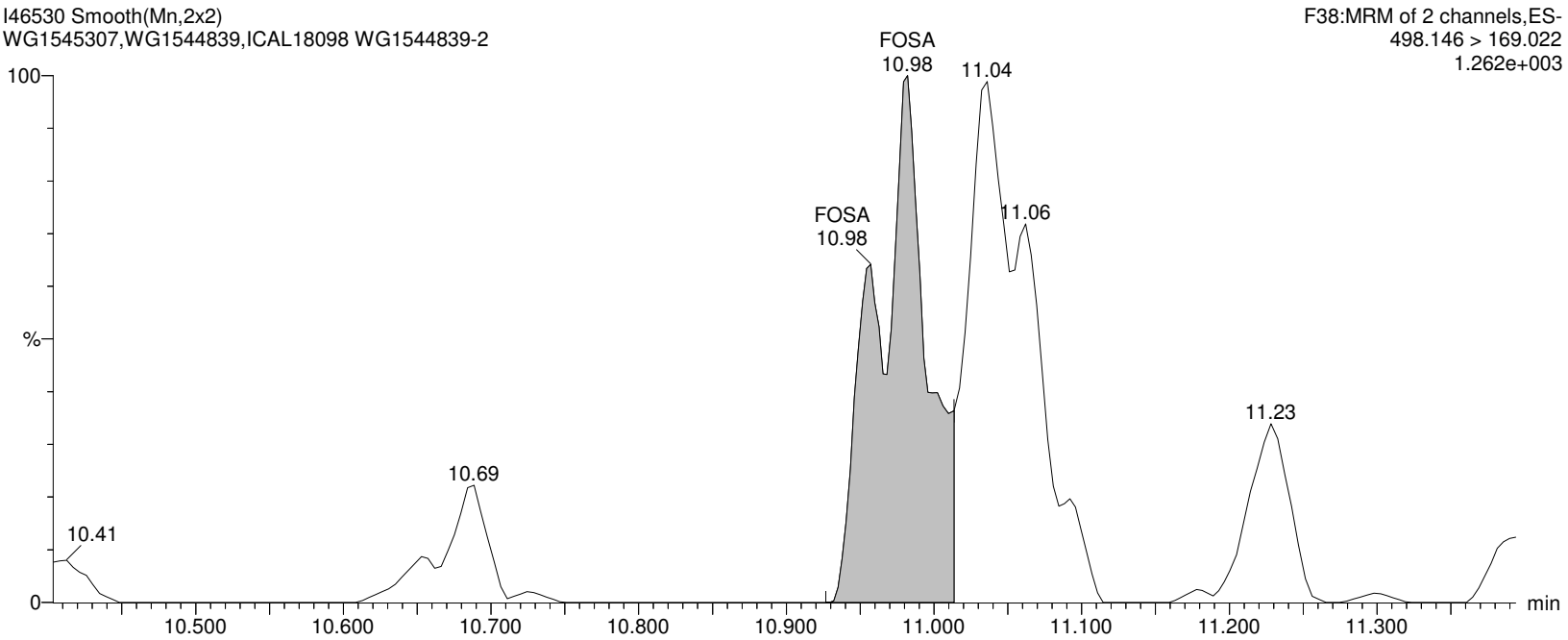
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

FOSA



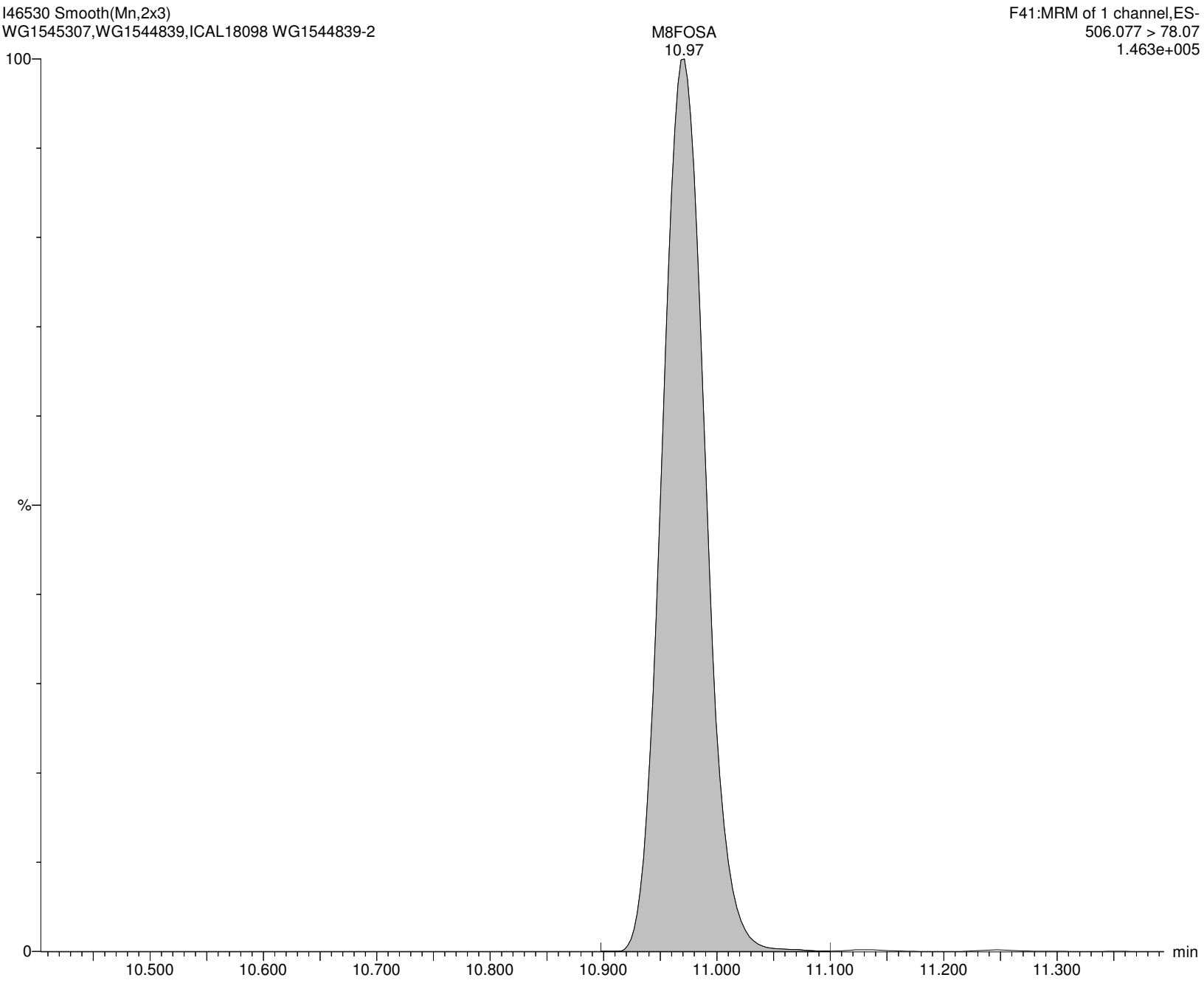


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8FOSA

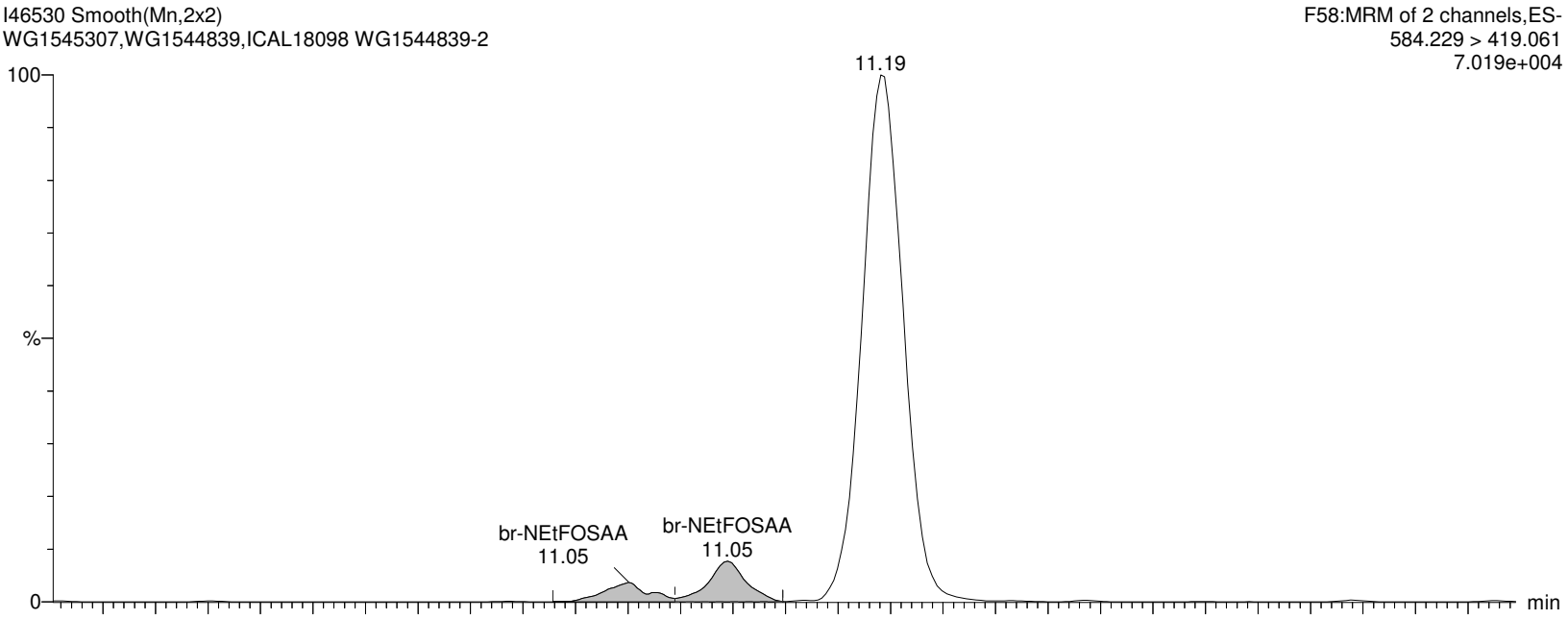


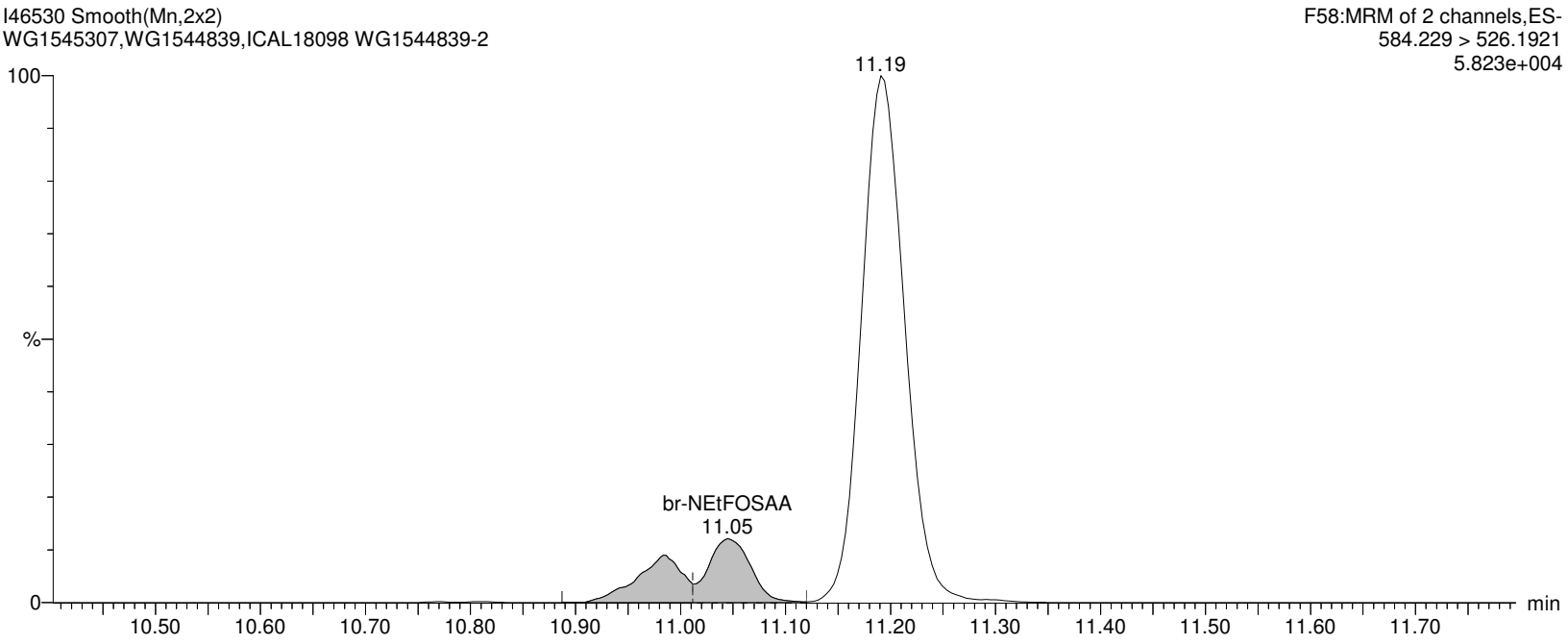
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NEtFOSAA



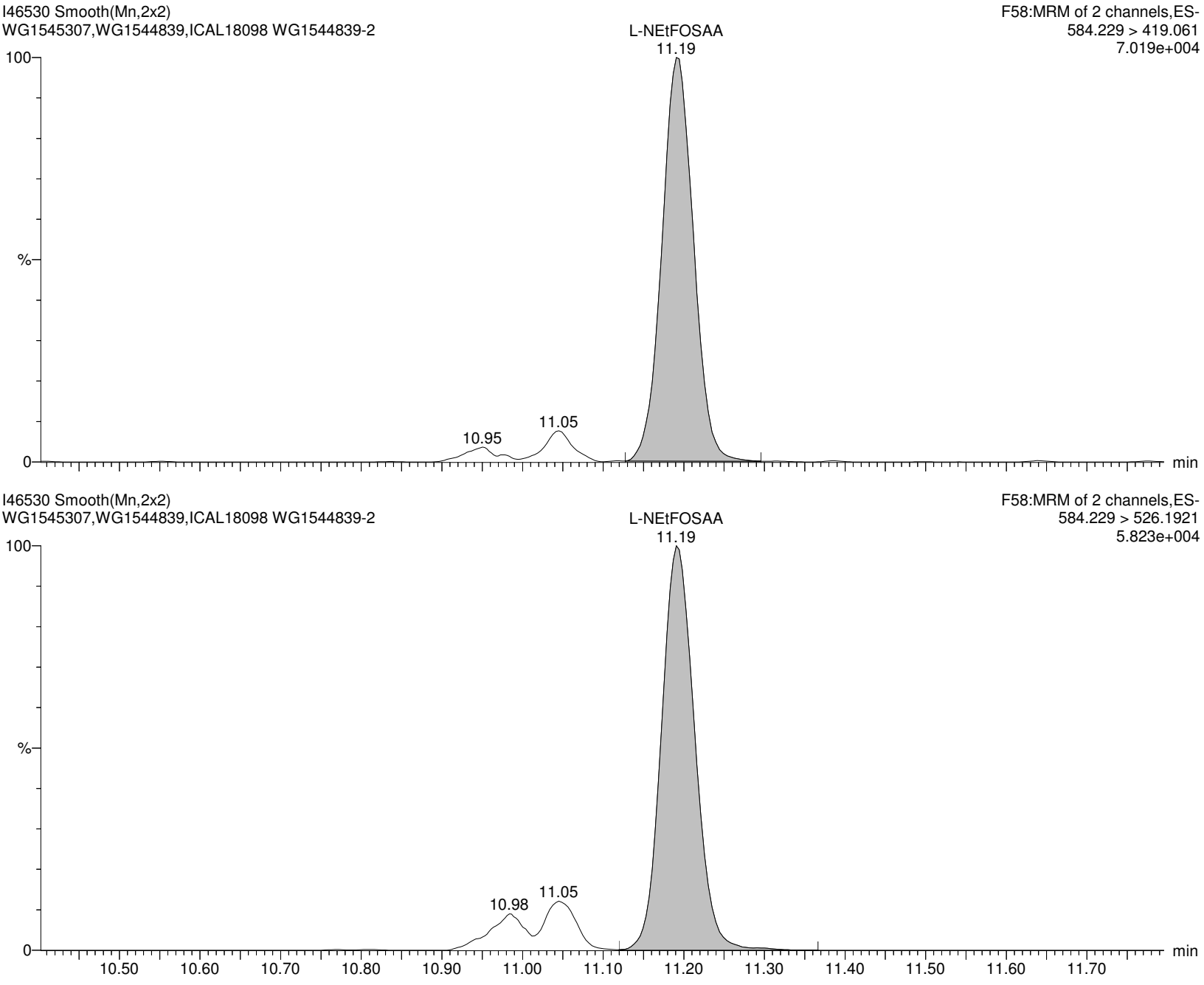


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NEtFOSAA

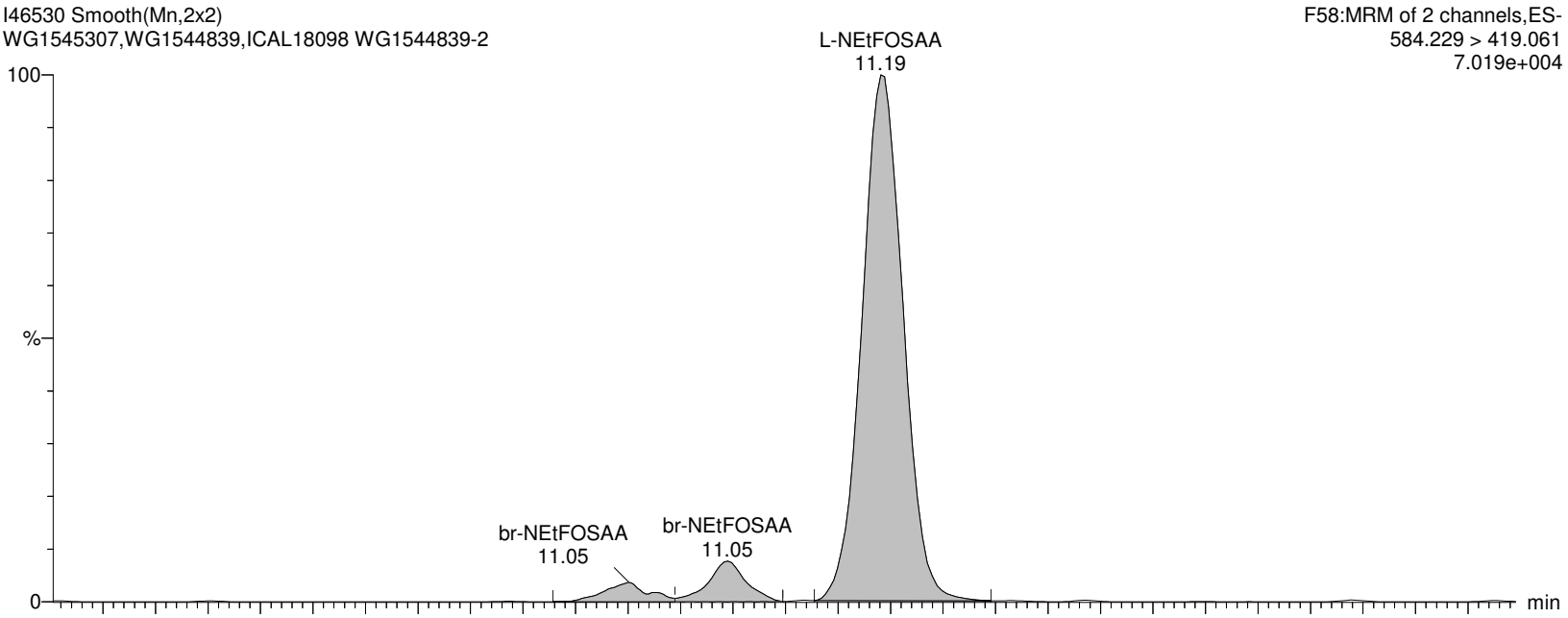


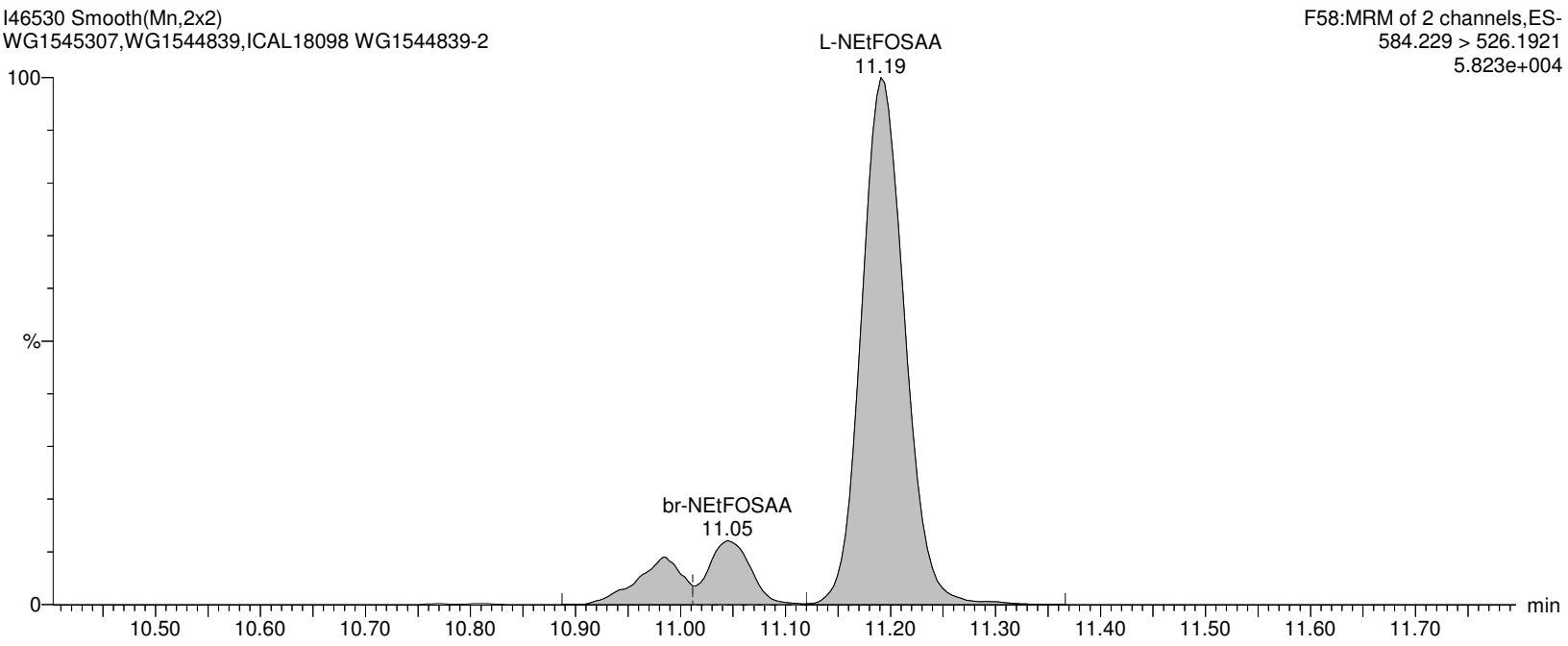
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSAA



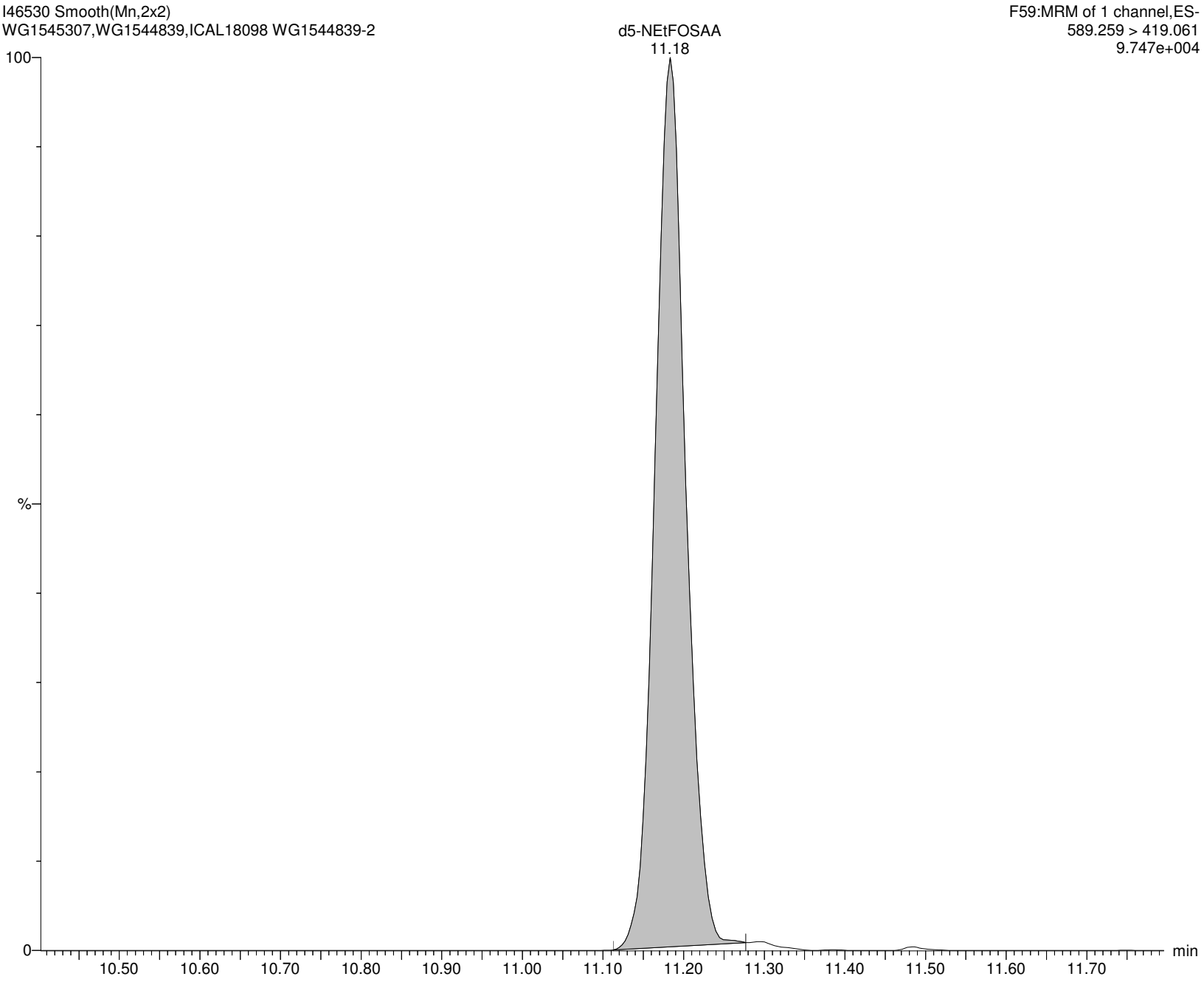


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSAA

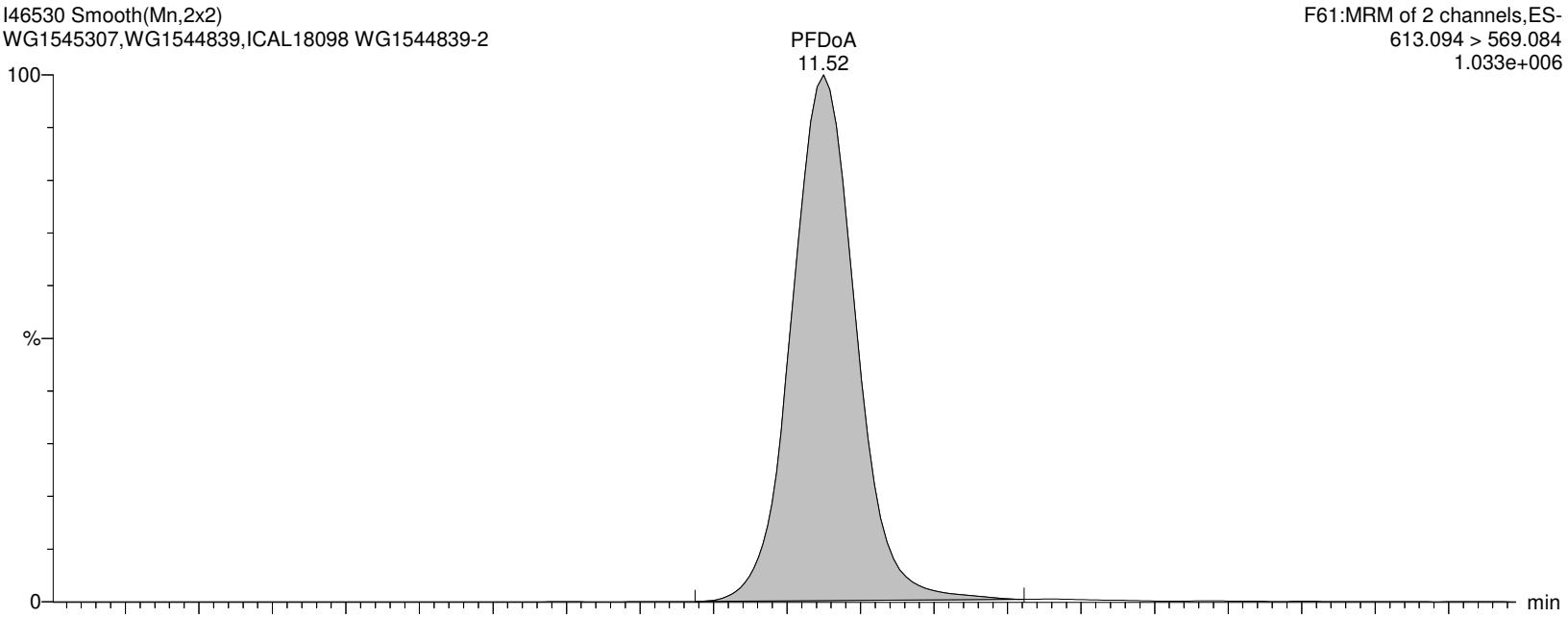


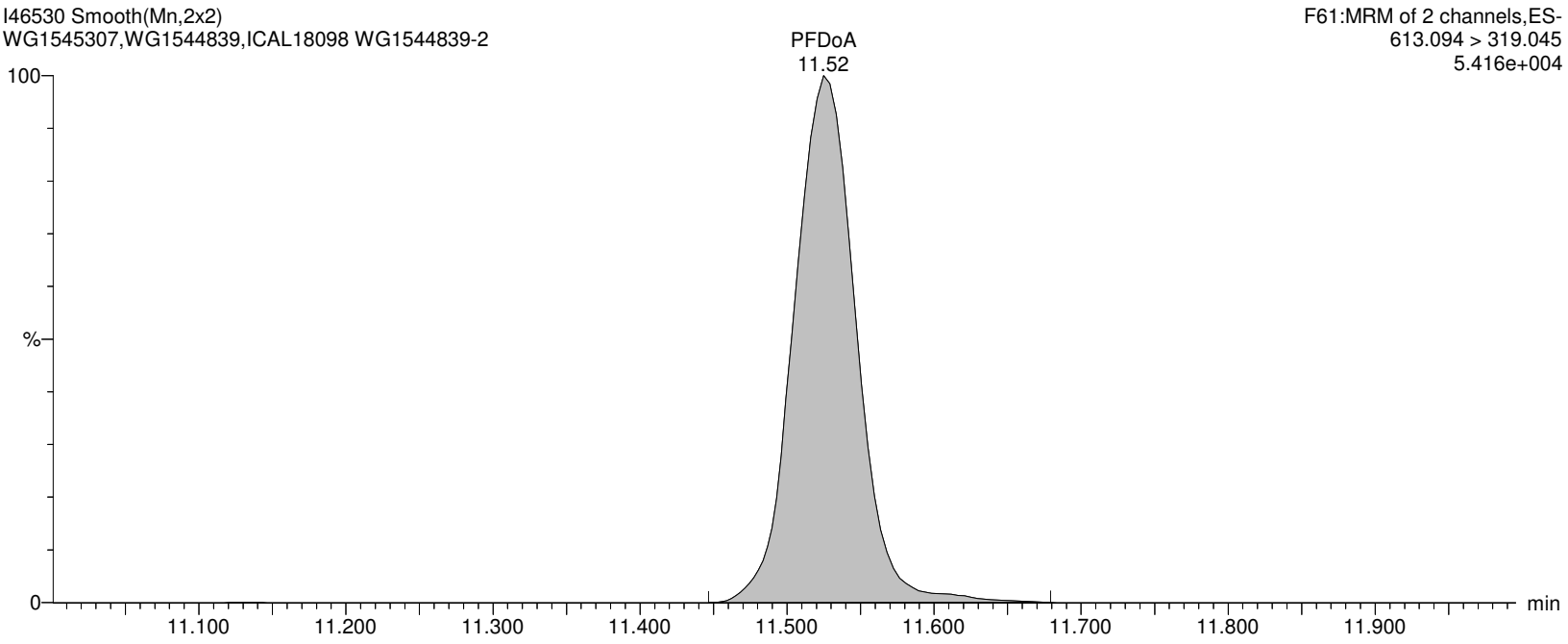
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoA



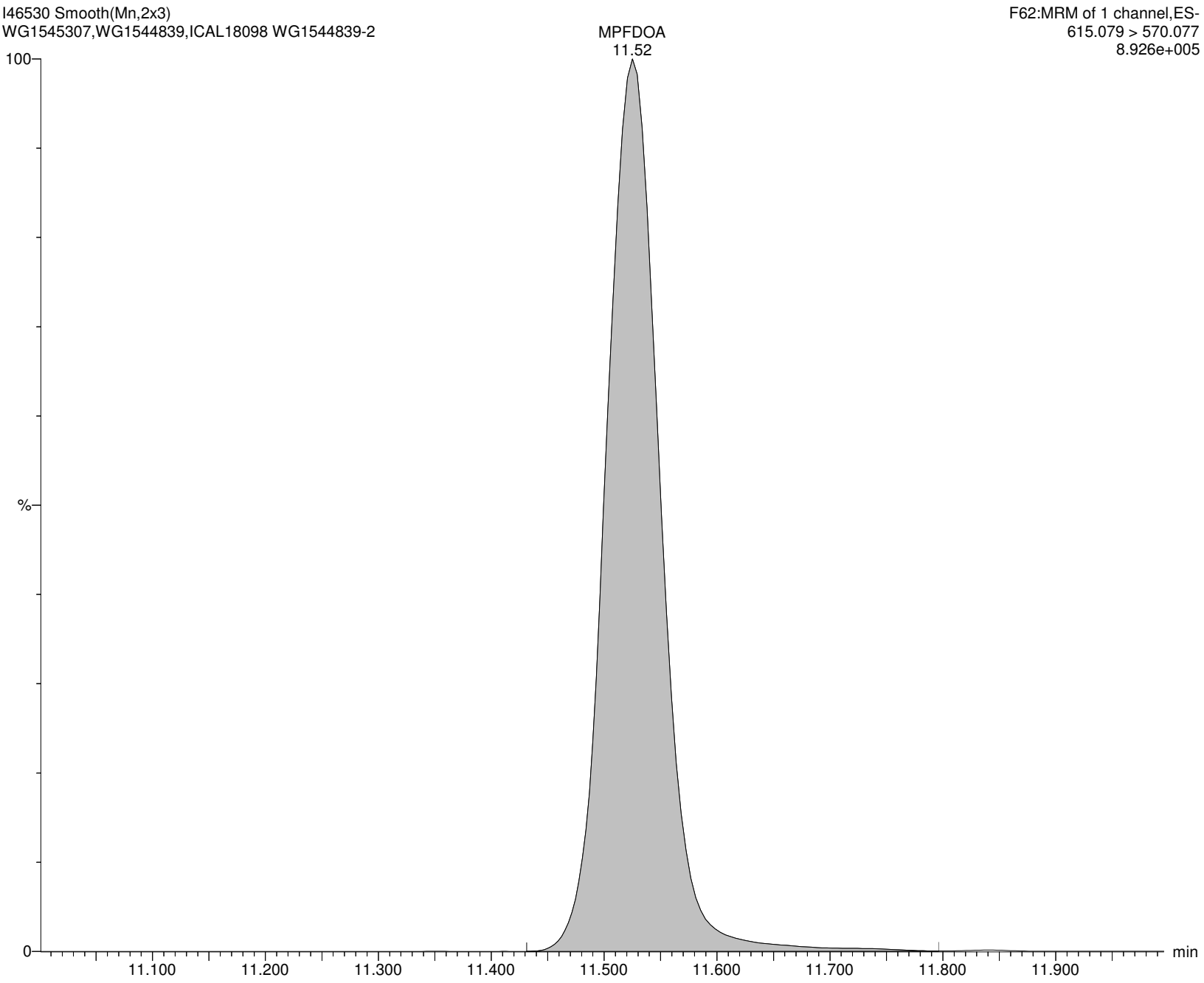


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFDOA

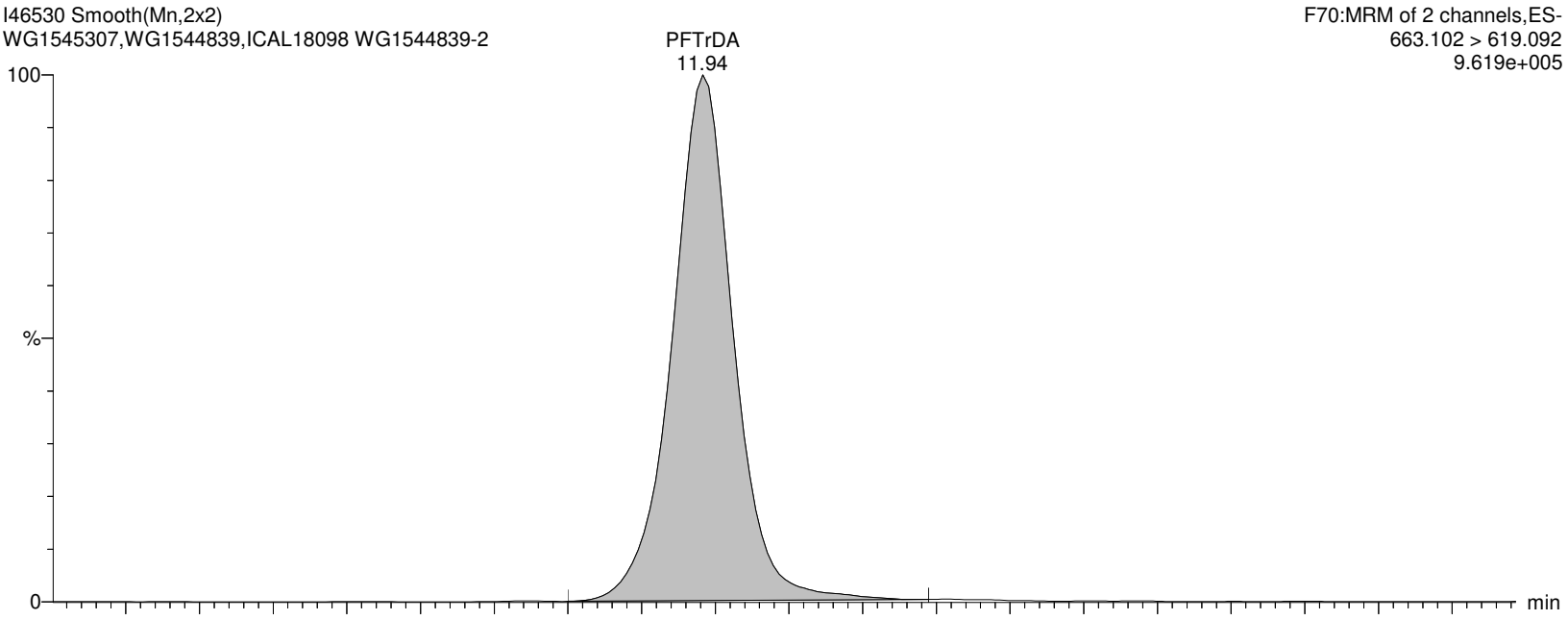


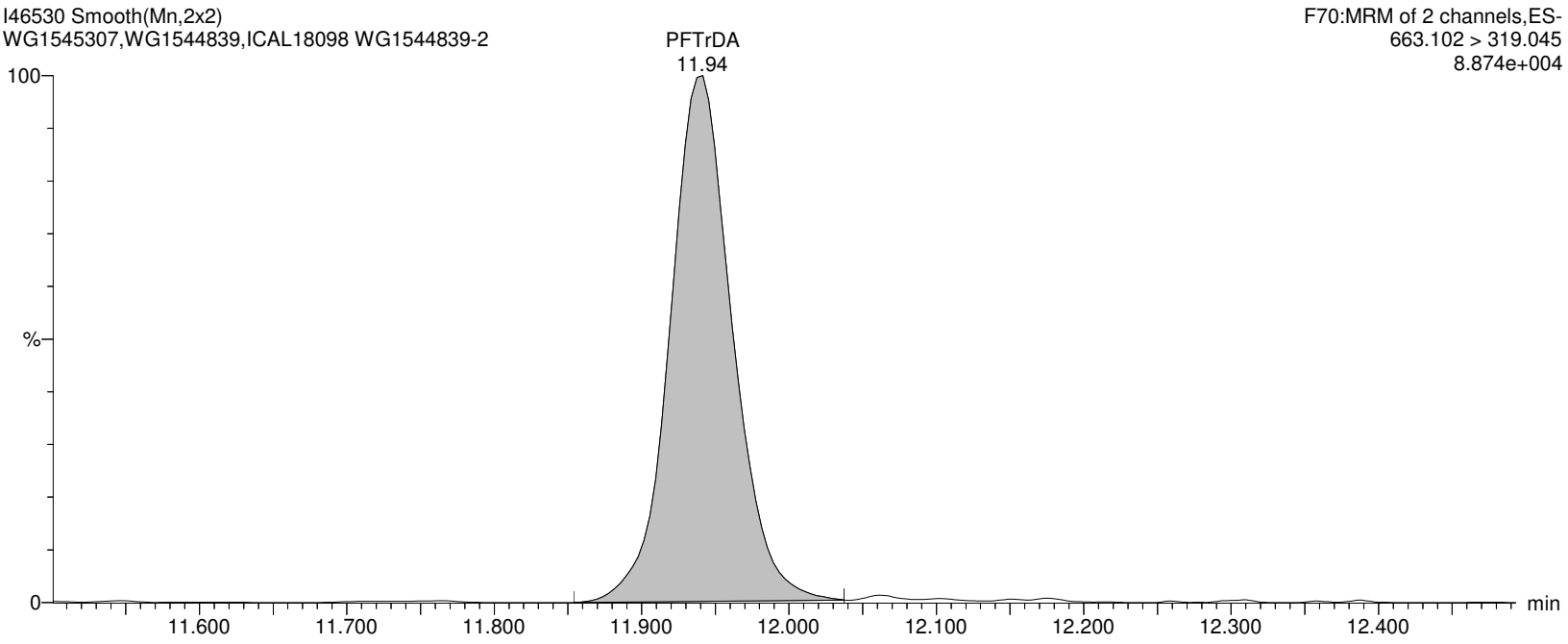
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTrDA



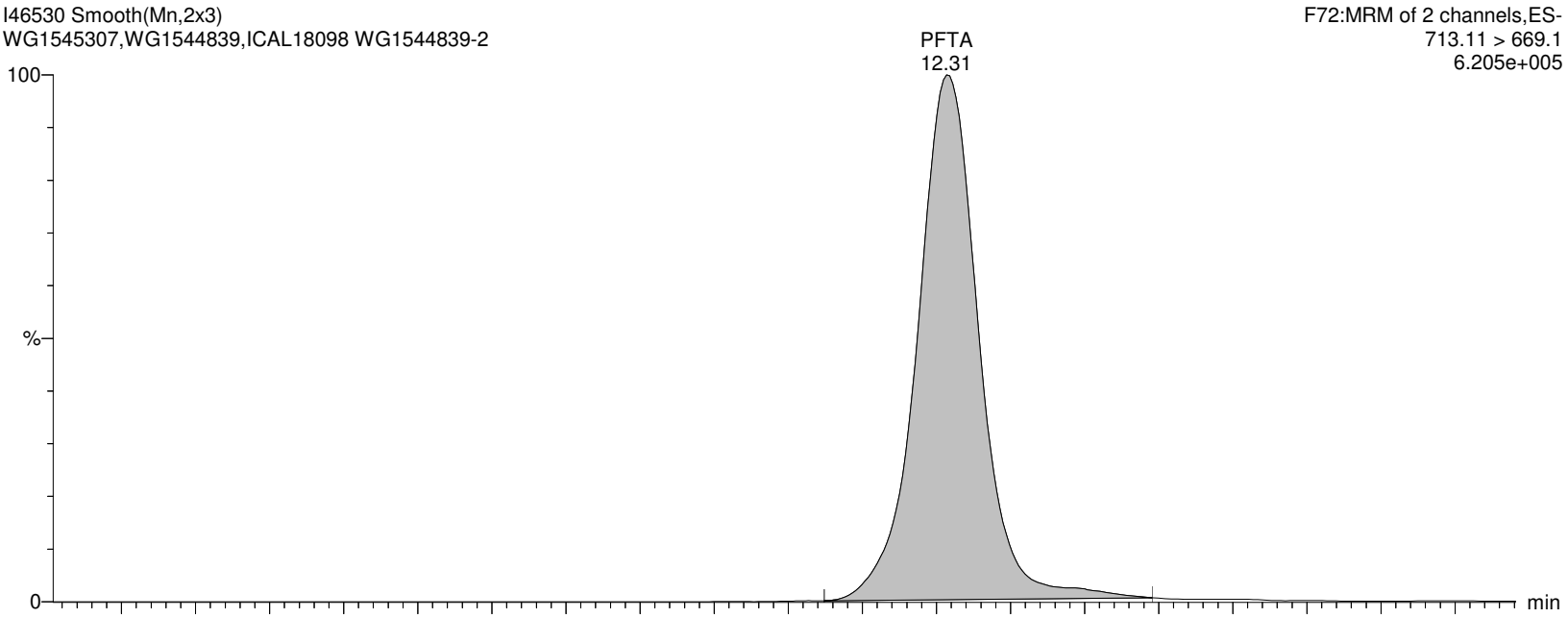


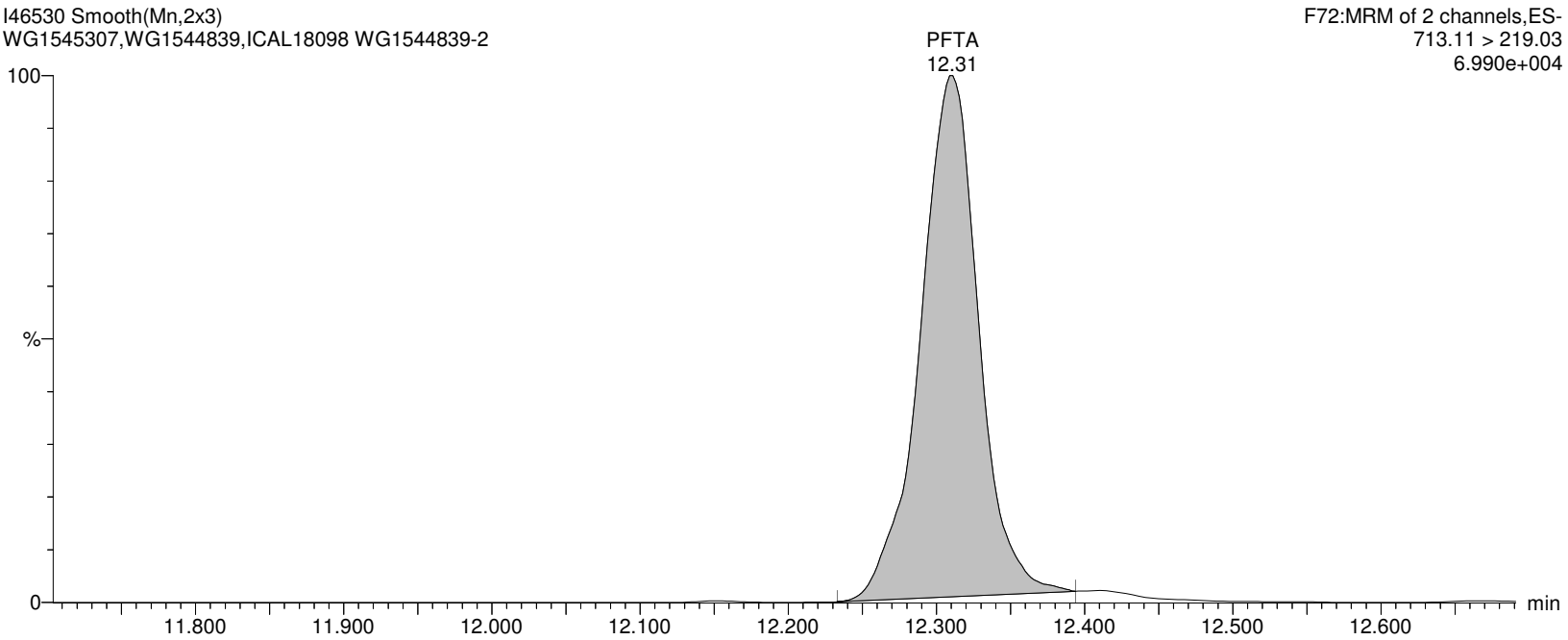
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTA



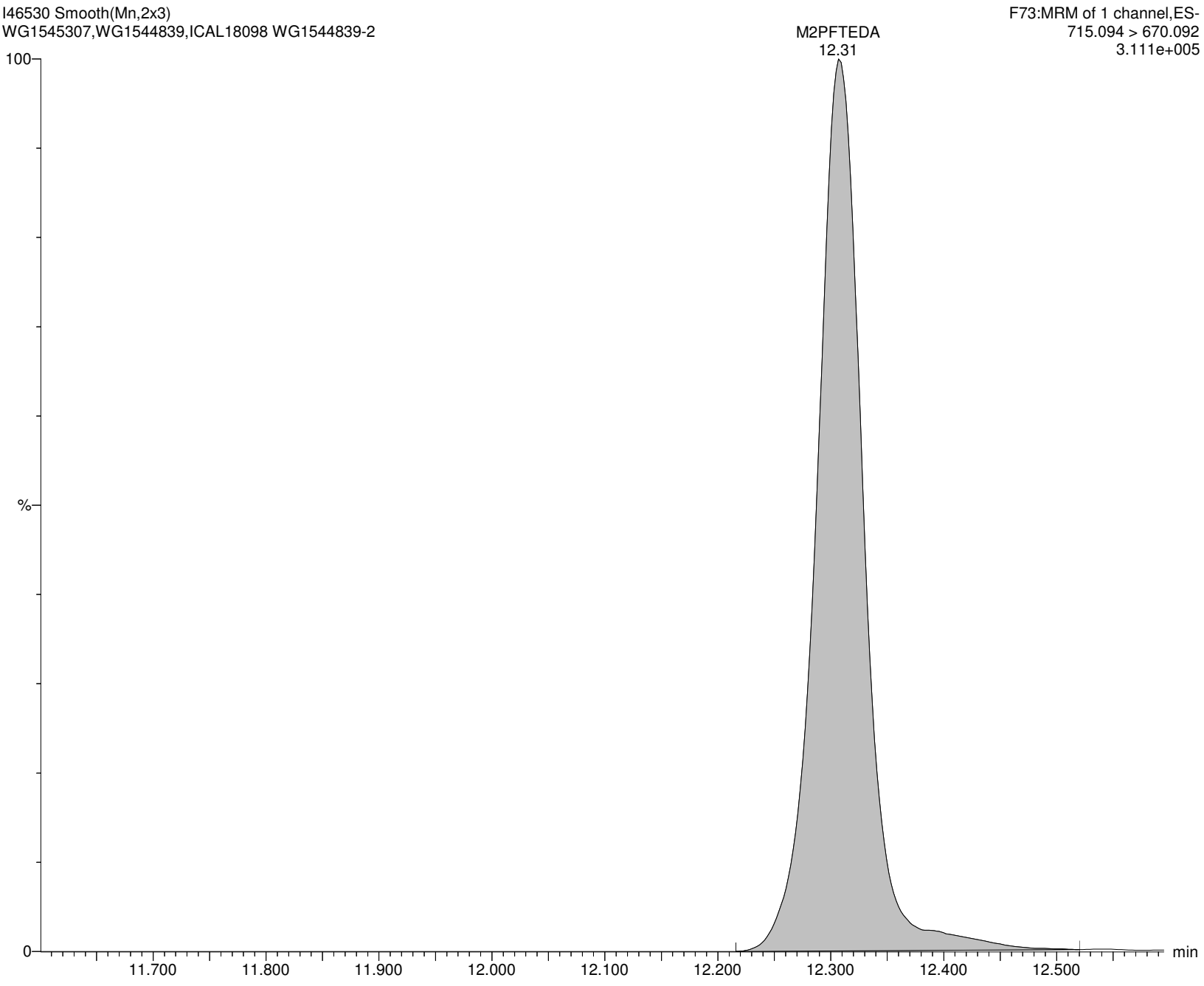


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFTEDA

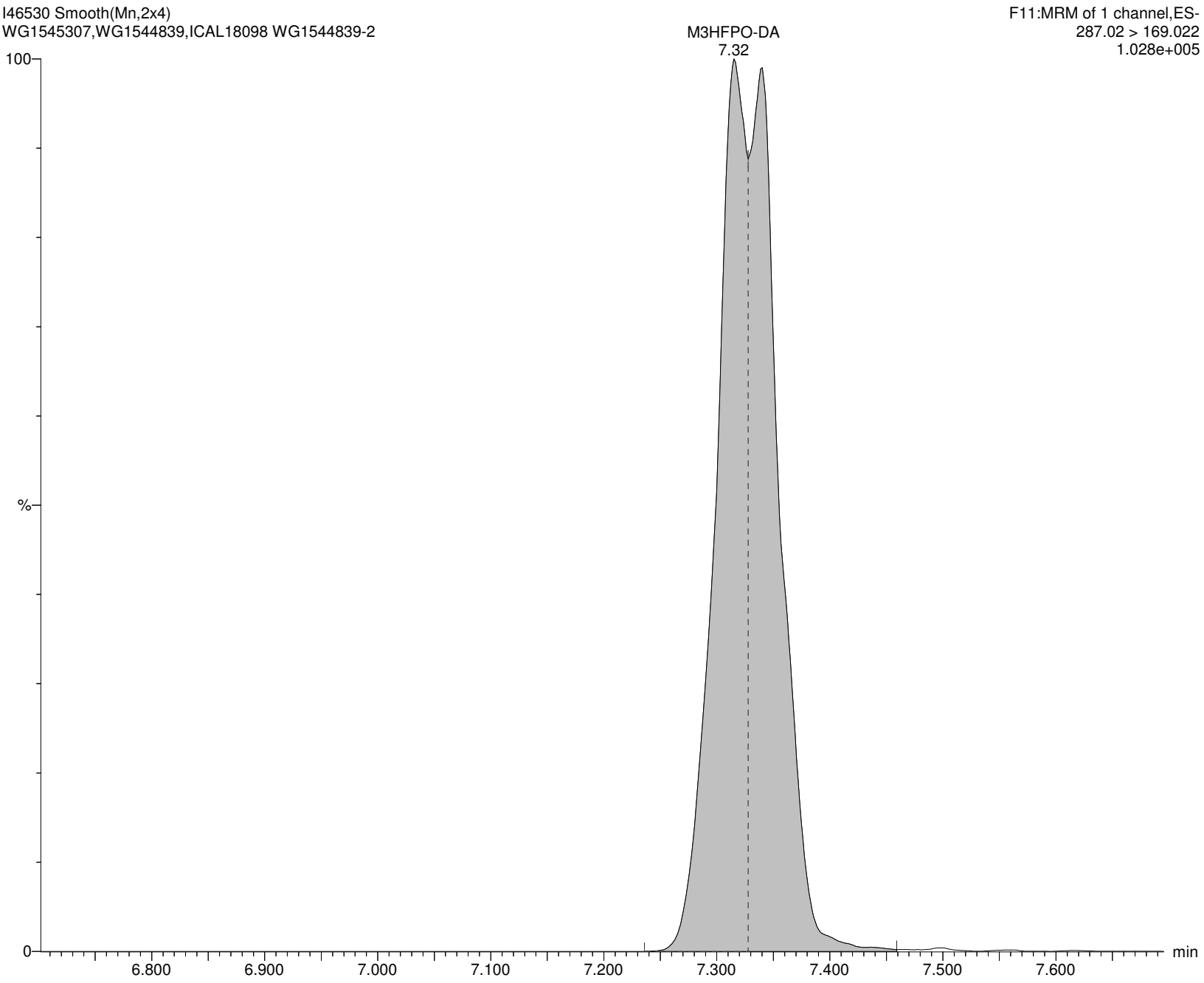


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3HFPO-DA

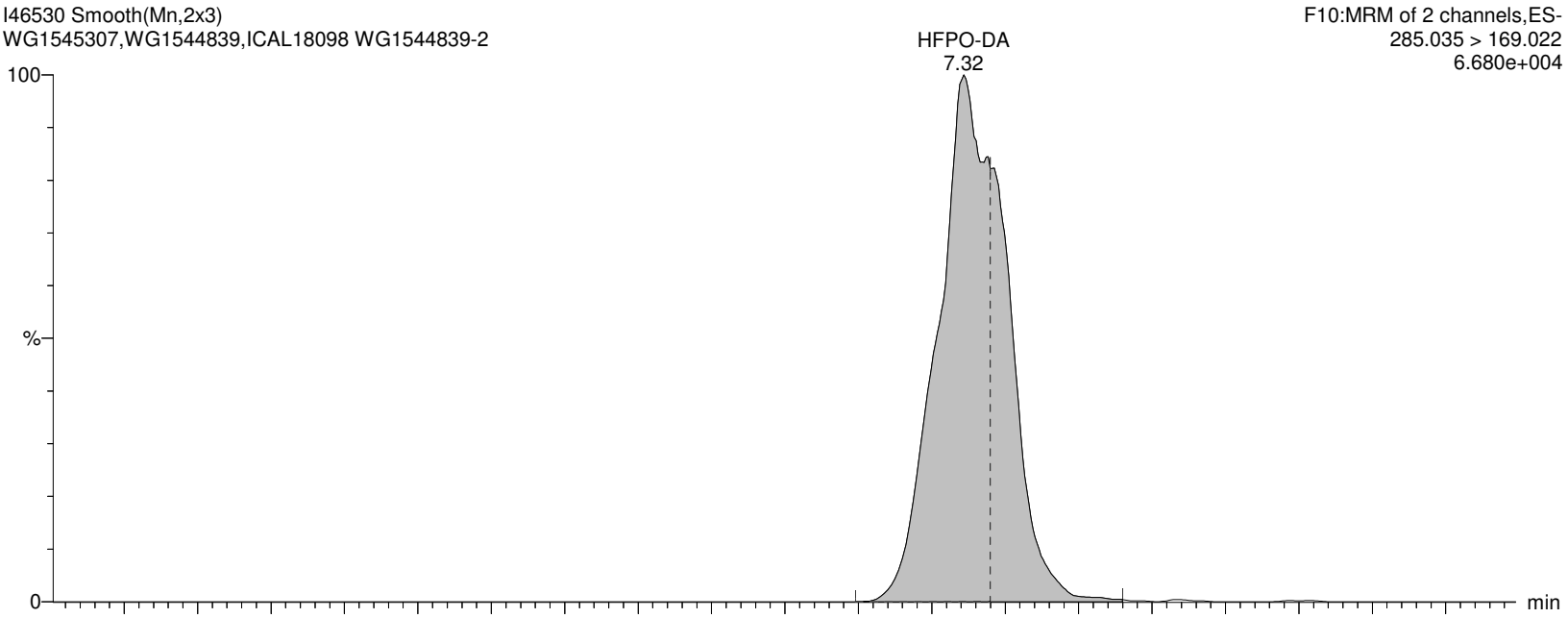


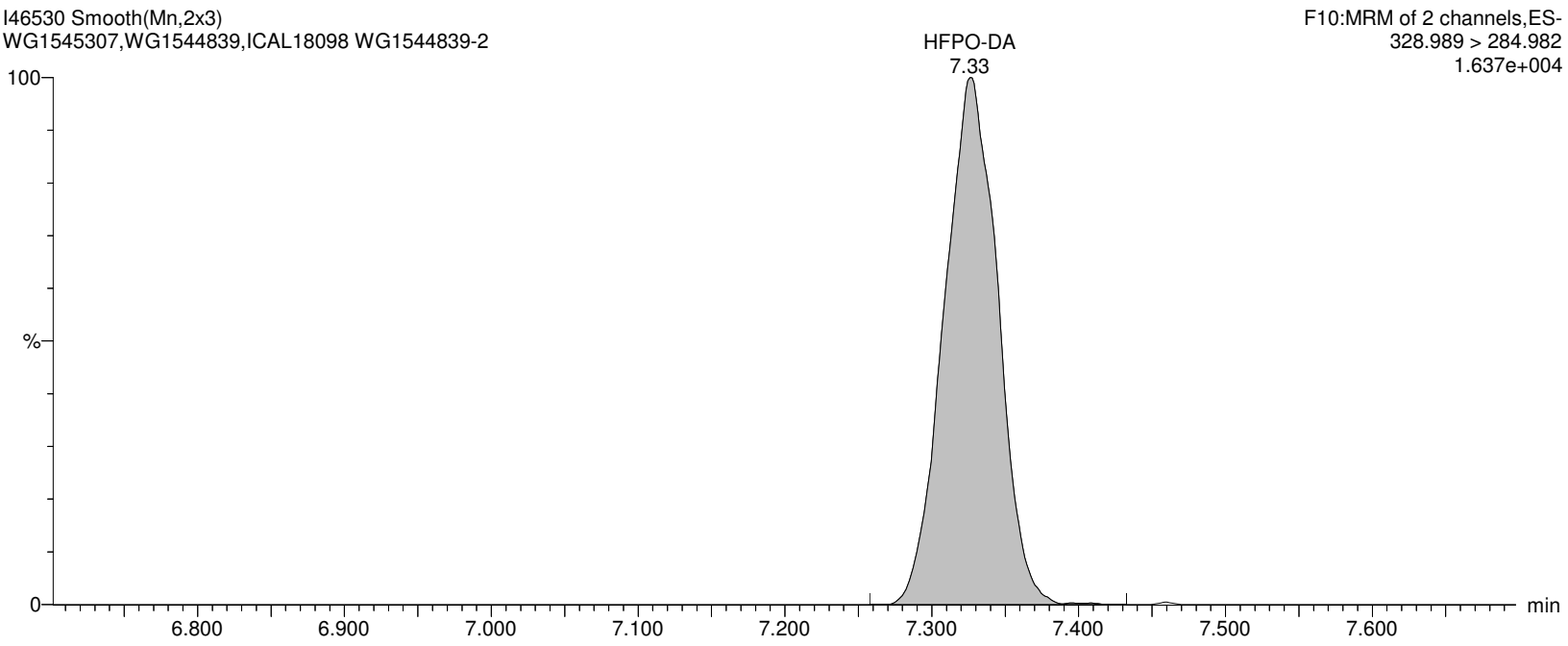
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

HFPO-DA



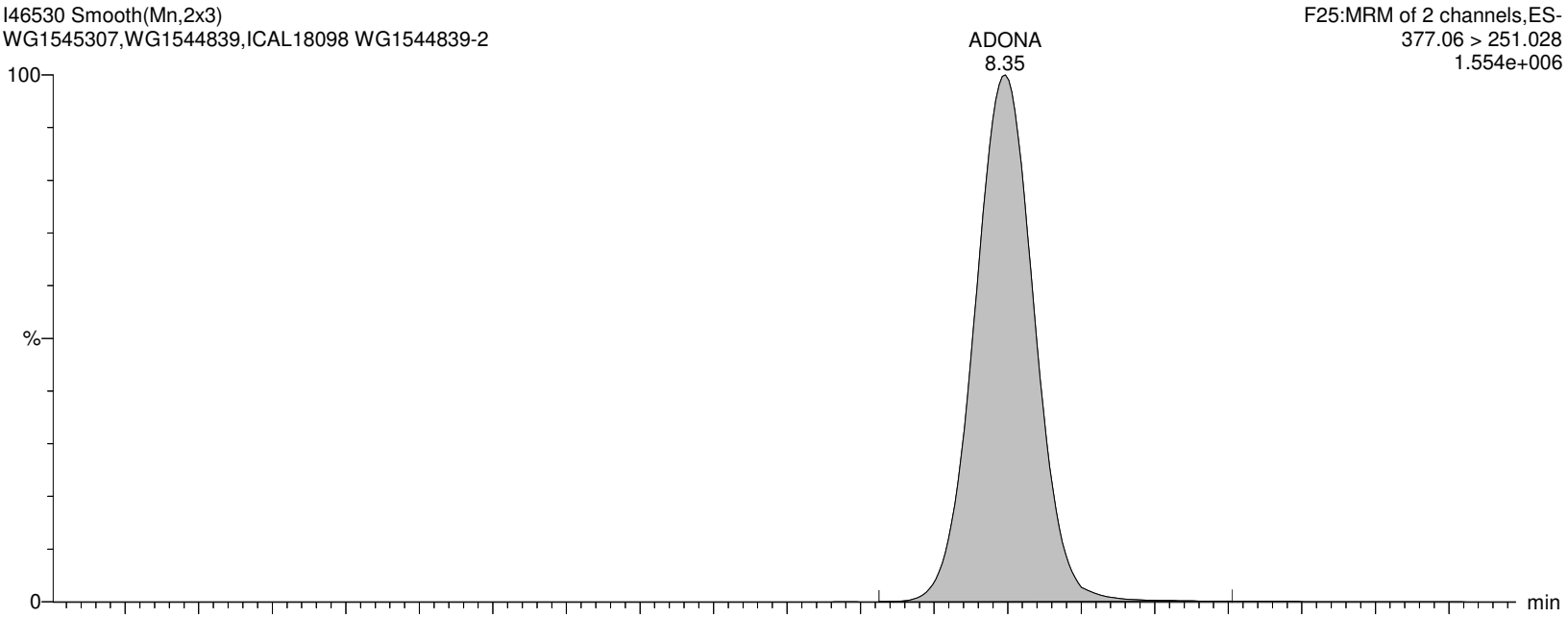


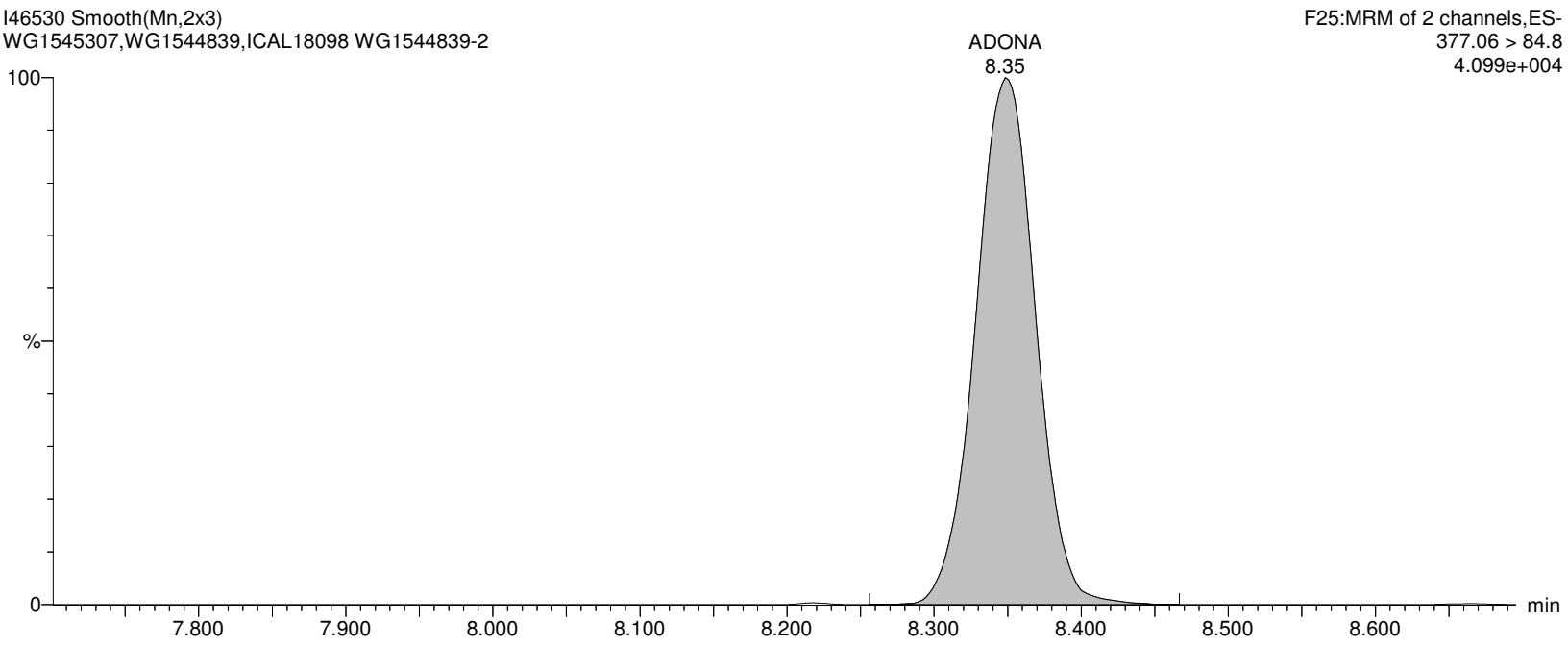
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

ADONA



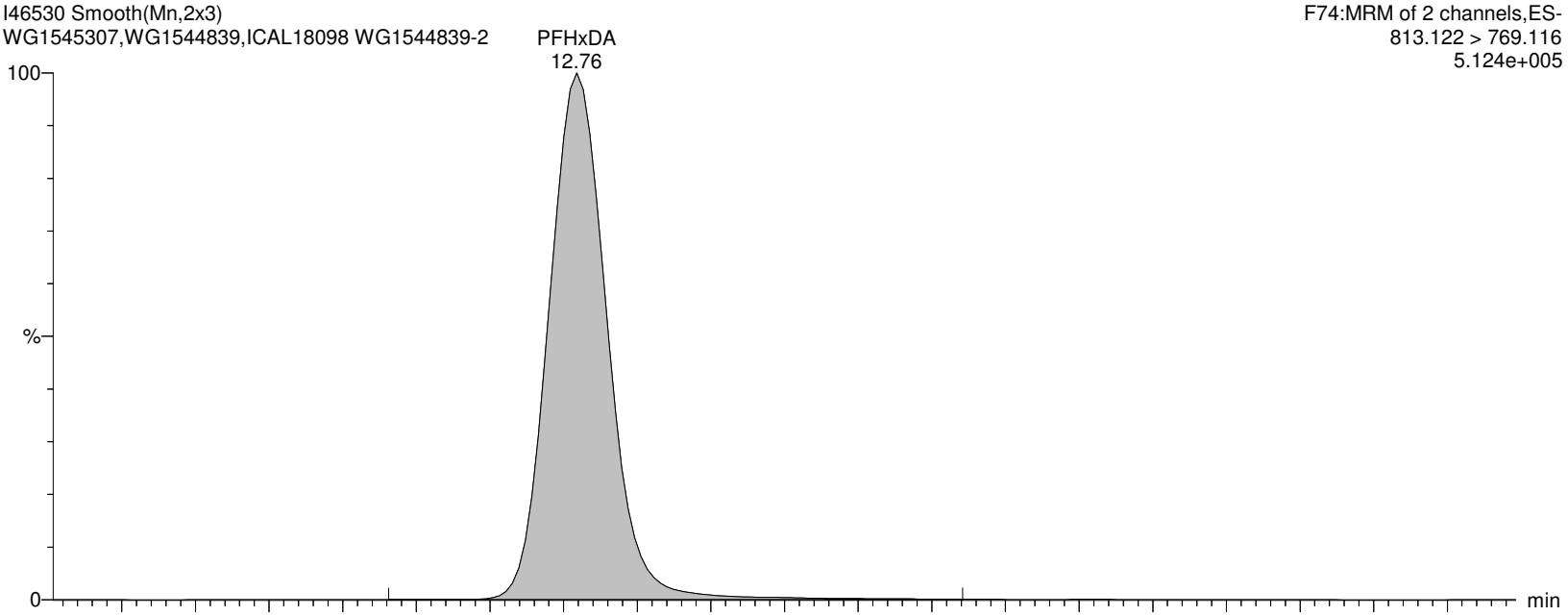


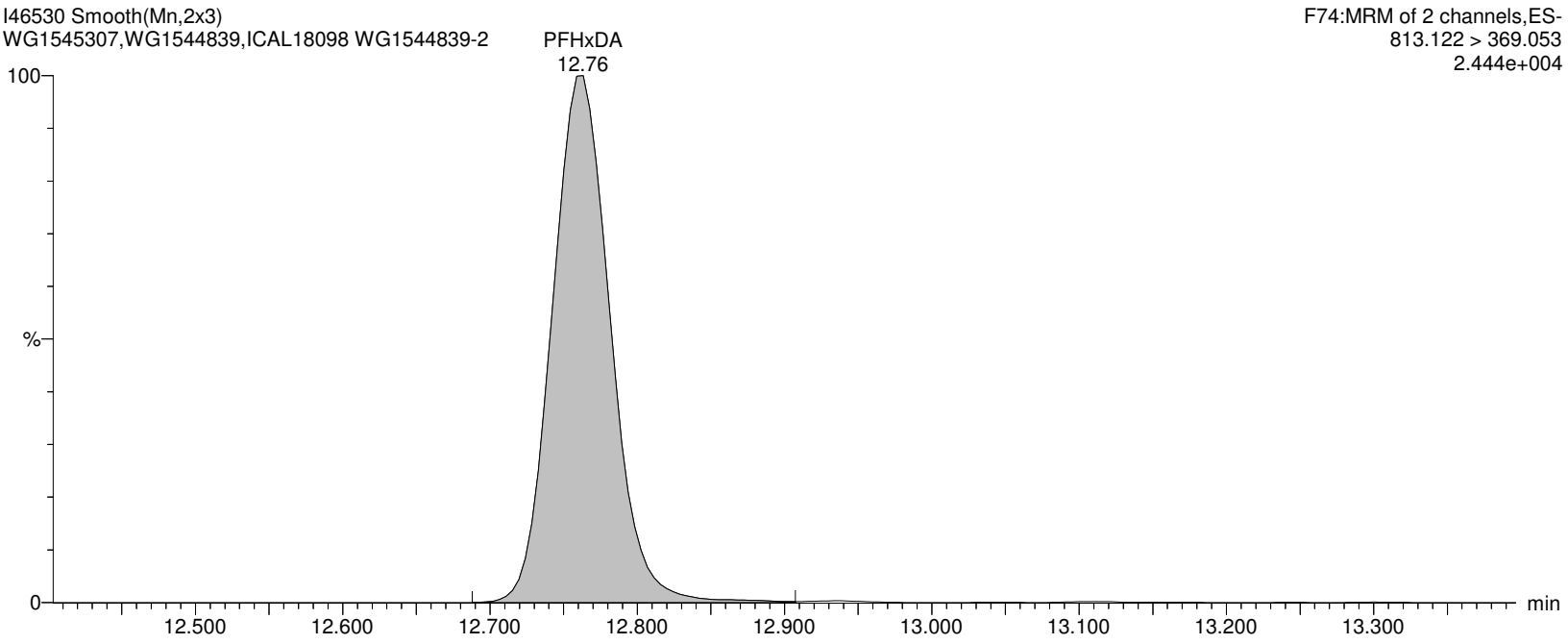
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxDA



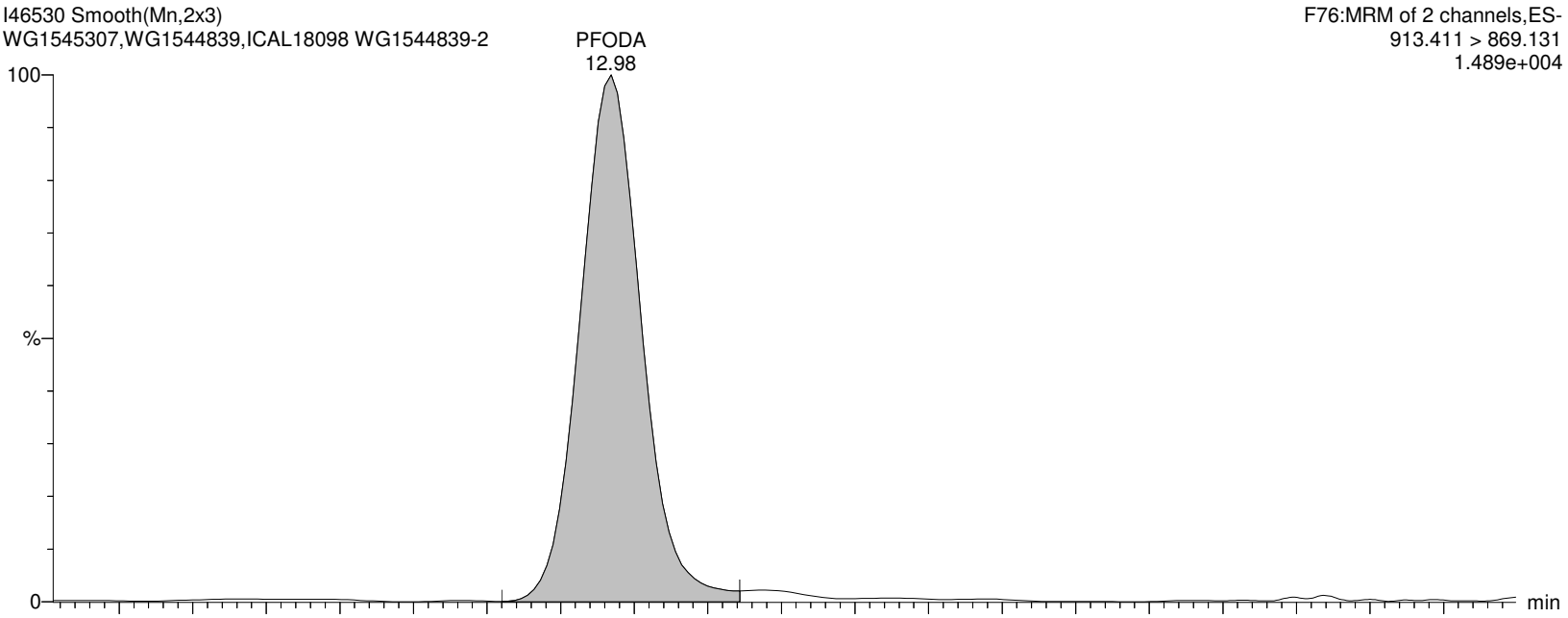


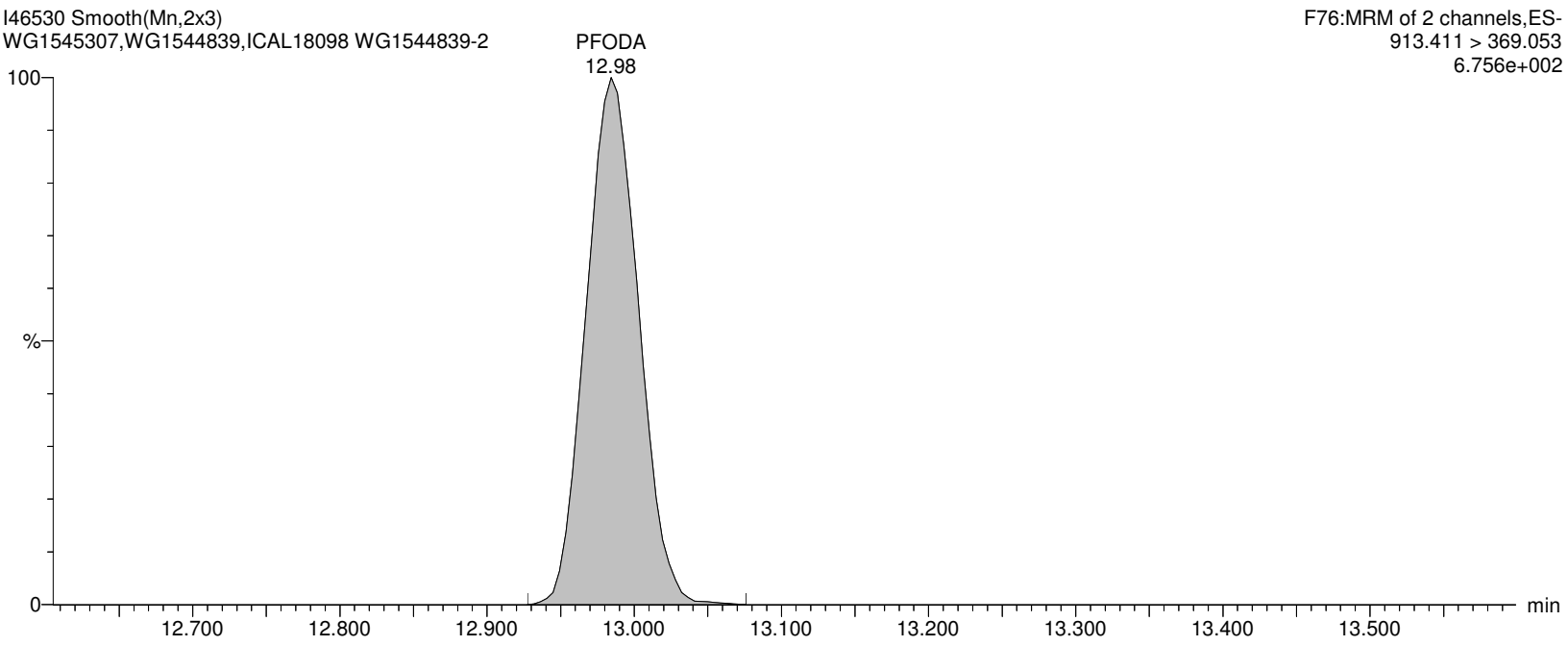
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFODA



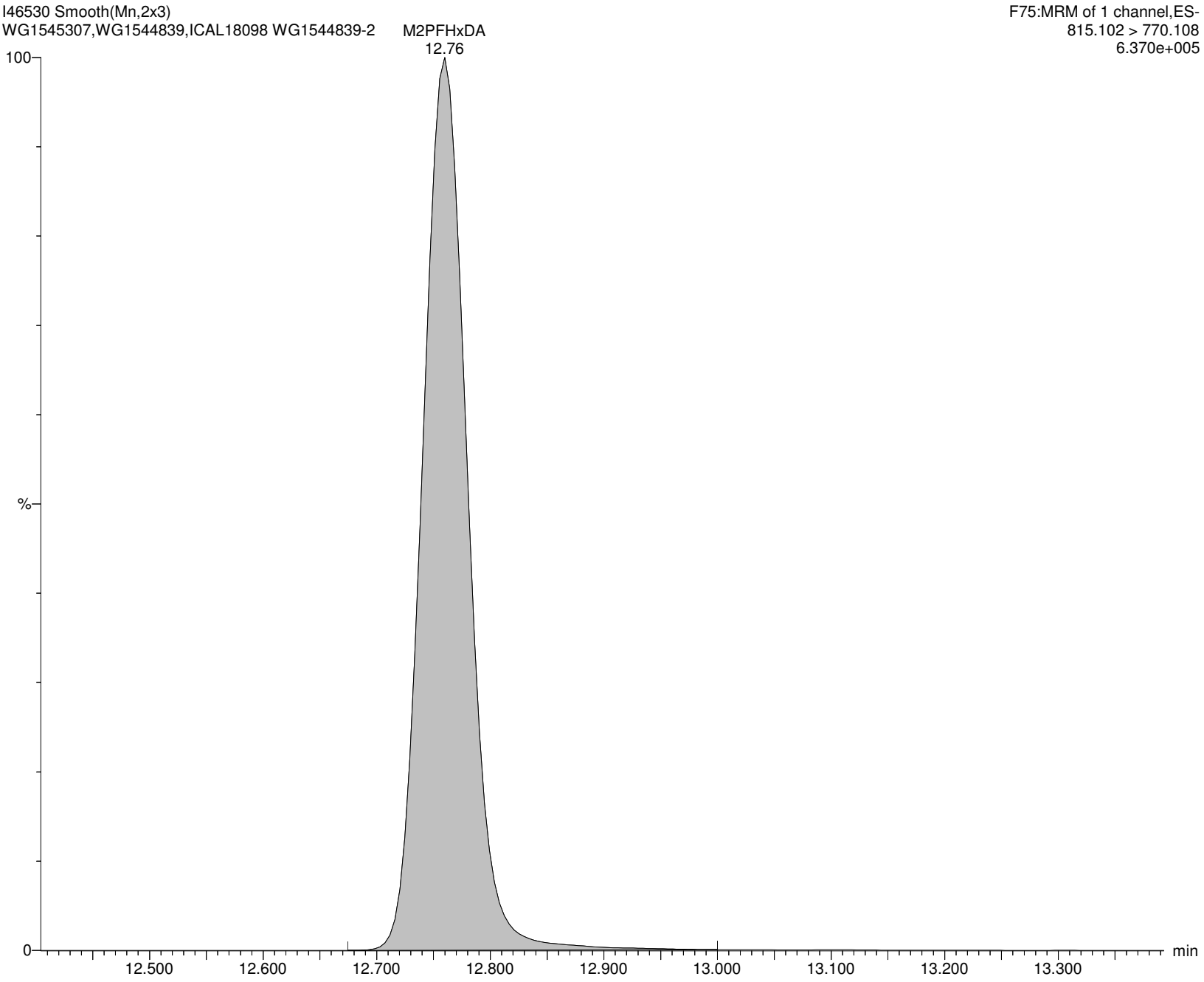


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:29:29 Eastern Daylight Time

Name: I46530
ID: WG1544839-2
Date: 11-Sep-2021
Time: 14:13:11
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFHxDA



all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:44 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210911_537.PRO\MethDB\537ISO_Q_210625_TOP_RT2.mdb 03 Sep 2021 08:44:20
Calibration: C:\MassLynx\Data\2021\210911_537.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

ID: WG1544839-3
Name: I46538
Date: 11-Sep-2021
Time: 16:25:39
Description: WG1545307,WG1544839,ICAL18098
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:SG
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.08	213.032 > 169.022	37733		10.969		na	
2	M3PFBA	INT STD	2.08	216.009 > 171.999	51495		9.809		na	98.1
3	MPFBA	INT STD	2.08	217.001 > 171.999	38653		6.981		na	69.8
4	PFPeA	2706-90-3	4.95	263.039 > 219.03	39604		9.963		na	
5	M5PFPEA	INT STD	4.95	268.001 > 222.999	42246		6.953		na	69.5
6	PFBS	375-73-5	5.59	299.092 > 80.062	11399		9.786	1.93	NO	
7	M3PFBS	INT STD	5.59	302.069 > 80.062	10722		8.079		na	80.8
8	4:2FTS	757124-72-4	6.76	327.146 > 307.139	9439		10.451	2.51	NO	
9	M2-4:2FTS	INT STD	6.76	329.13 > 309.124	9510		17.883		na	178.8
10	PFHxA	307-24-4	6.84	313.047 > 269.037	52198		10.758	16.17	NO	
11	M5PFHxA	INT STD	6.83	318.009 > 273.007	45731		6.639		na	66.4
12	PFPeS	2706-91-4	7.15	349.1 > 80.062	10844		9.521	2.30	NO	
13	PFHpA	375-85-9	8.10	363.055 > 319.045	81271		11.090	5.69	NO	
14	M4PFHpA	INT STD	8.10	367.025 > 322.022	72429		7.053		na	70.5
15	br-PFHxS	355-46-4	8.03	399.107 > 80.062	2230	M5,M7	2.009	2.26	NO	
16	L-PFHxS	355-46-4	8.27	399.107 > 80.062	10476		7.449	1.63	NO	
17	PFHxS	355-46-4		399.107 > 80.062	12706		9.458		na	
18	M3PFHxS	INT STD	8.27	402.084 > 80.062	12890		8.565		na	85.6
19	br-PFOA	335-67-1	8.82	413.063 > 369.053	3930		0.519	2.56	NO	
20	L-PFOA	335-67-1	9.05	413.063 > 369.053	226801		29.935	8.63	NO	
21	PFOA	335-67-1		413.063 > 369.053	230731		30.454		na	
22	M8PFOA	INT STD	9.04	421.002 > 376.	78620		6.875		na	68.7
23	M2PFOA	INT STD	9.05	415.048 > 370.045	112646		10.636		na	106.4
24	6:2FTS	27619-97-2	9.01	427.161 > 407.155	12226		16.082	3.61	NO	
25	M2-6:2FTS	INT STD	9.01	429.146 > 409.14	8094		14.826		na	148.3
26	PFHpS	375-92-8	9.14	449.115 > 80.062	8303		10.178	1.13	NO	
27	PFNA	375-95-1	9.81	463.071 > 419.061	58004		9.911	3.79	NO	
28	M9PFNA	INT STD	9.81	472.002 > 427.	23430		7.132		na	71.3
29	br-PFOS	1763-23-1	9.61	499.123 > 80.062	11024	M5,M7	8.186	4.65	NO	
30	L-PFOS	1763-23-1	9.86	499.123 > 80.062	10739		10.603	1.74	NO	
31	PFOS	1763-23-1		499.123 > 80.062	21762		18.790		na	
32	M4PFOS	INT STD	9.86	503.093 > 80.062	12028		10.627		na	106.3
33	M8PFOS	INT STD	9.86	507.062 > 80.062	11386		8.448		na	84.5
34	PFDA	335-76-2	10.44	513.078 > 469.069	48688		9.812	5.23	NO	
35	M2PFDA	INT STD	10.44	515.053 > 469.934	63193		10.359		na	103.6
36	M6PFDA	INT STD	10.44	519.033 > 474.03	49864		6.952		na	69.5
37	8:2FTS	39108-34-4	10.44	527.177 > 507.171	2494		10.451	5.13	NO	
38	M2-8:2FTS	INT STD	10.44	529.162 > 509.155	3796		9.458		na	94.6
39	PFNS	68259-12-1	10.47	549.131 > 80.062	8230		9.356	1.40	NO	

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:44 Eastern Daylight Time

ID: WG1544839-3
Name: I46538
Date: 11-Sep-2021
Time: 16:25:39
Description: WG1545307,WG1544839,ICAL18098
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:SG
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.83	573.22 > 419.061	3340		4.941		na	49.4
41	br-NMeFOSAA		10.68	570.202 > 419.061	316	M5,M7	2.426	1.36	NO	
42	L-NMeFOSAA		10.84	570.202 > 419.061	2873		7.894	2.74	NO	
43	NMeFOSAA	2355-31-9		570.202 > 419.061	3189		10.320		na	
44	PFUnA	2058-94-8	10.99	563.086 > 519.076	46885		10.045	9.69	NO	
45	M7-PFUDA	INT STD	10.99	570.033 > 525.031	46271		6.917		na	69.2
46	PFDS	335-77-3	11.00	599.139 > 80.062	8870		9.384	1.67	NO	
47	FOSA	754-91-6	10.92	498.146 > 78.07	5515	M7	9.894	103.93	NO	
48	M8FOSA	INT STD	10.92	506.077 > 78.07	6511		1.677		na	16.8
49	br-NEtFOSAA		10.99	584.229 > 419.061	181	M5,M7	1.938	0.50	NO	
50	L-NEtFOSAA		11.13	584.229 > 419.061	2120		7.684	1.16	NO	
51	NEtFOSAA	2991-50-6		584.229 > 419.061	2300		9.621		na	
52	d5-NEtFOSAA	INT STD	11.12	589.259 > 419.061	2796		5.005		na	50.1
53	PFDoA	307-55-1	11.47	613.094 > 569.084	43870		9.935	21.11	NO	
54	MPFDOA	INT STD	11.47	615.079 > 570.077	42051		6.516		na	65.2
55	PFTrDA	72629-94-8	11.89	663.102 > 619.092	38198		12.029	10.60	NO	
56	PFTA	376-06-7	12.25	713.11 > 669.1	26365		10.336	9.35	NO	
57	M2PFTEDA	INT STD	12.25	715.094 > 670.092	13101		6.472		na	64.7

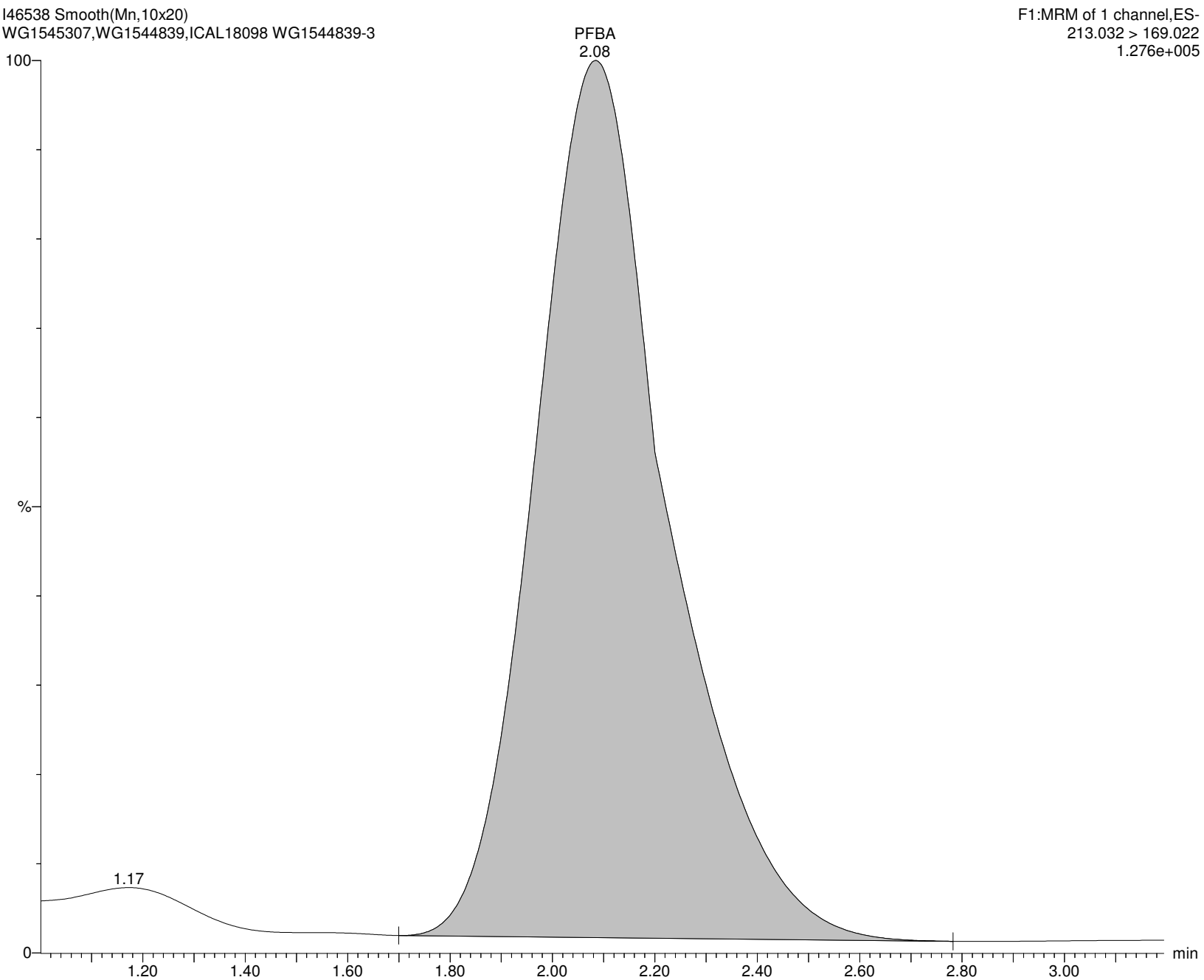
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:44 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210911_537.PRO\MethDB\537ISO_Q_210625_TOP_RT2.mdb 03 Sep 2021 08:44:20
Calibration: C:\MassLynx\Data\2021\210911_537.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

Name: I46538
ID: WG1544839-3
Date: 11-Sep-2021
Time: 16:25:39
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBA

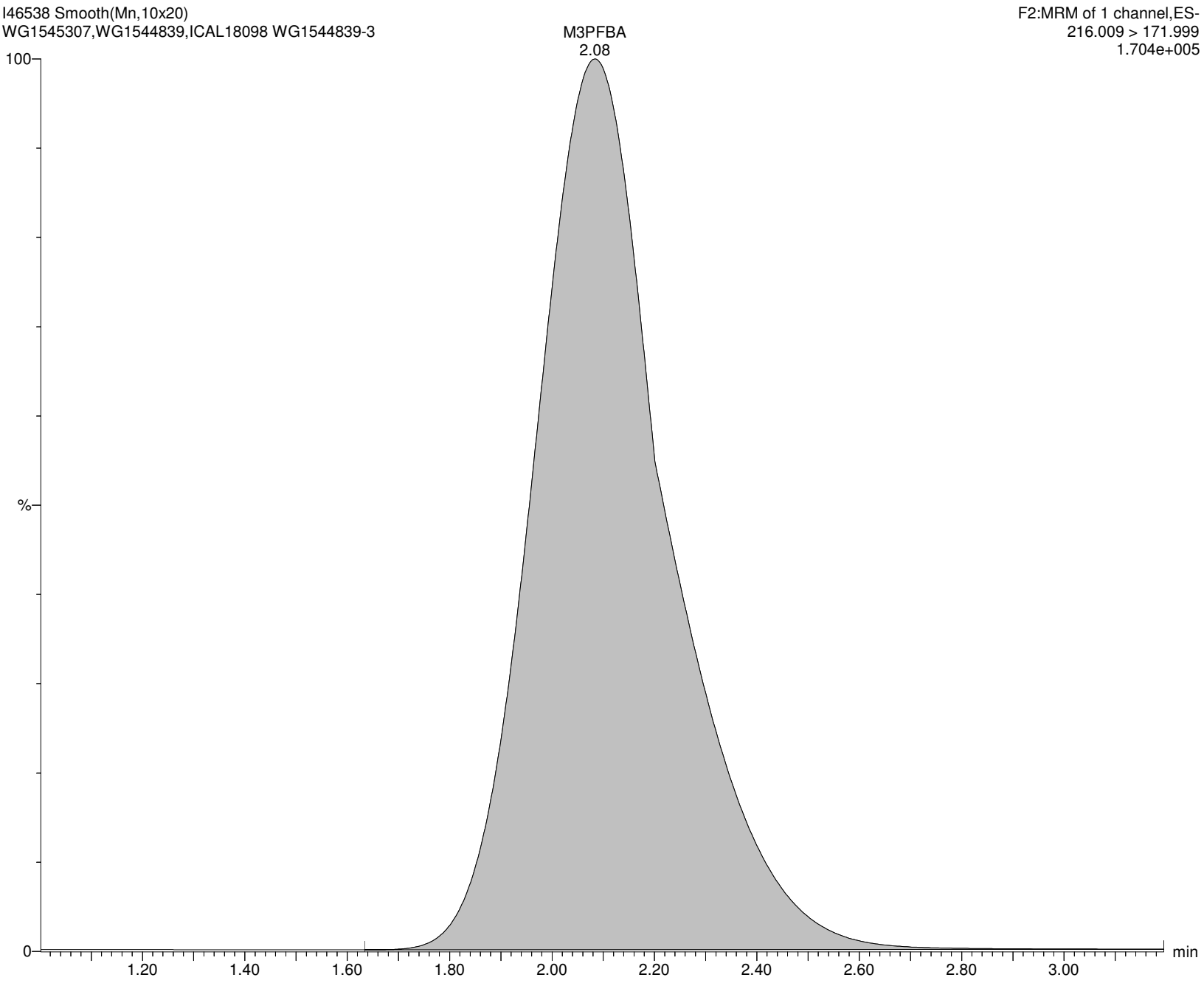


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:44 Eastern Daylight Time

Name: I46538
ID: WG1544839-3
Date: 11-Sep-2021
Time: 16:25:39
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBA

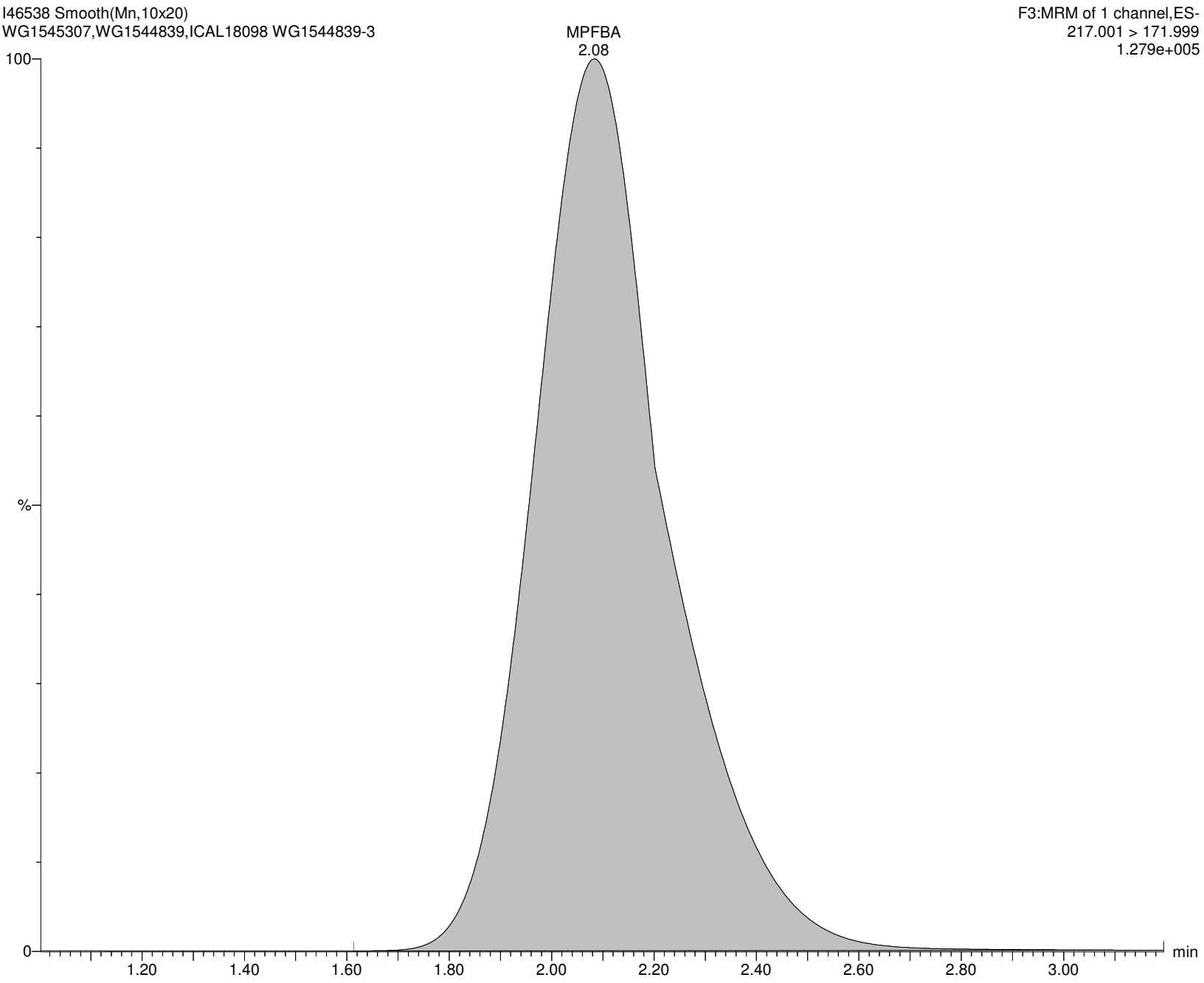


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:44 Eastern Daylight Time

Name: I46538
ID: WG1544839-3
Date: 11-Sep-2021
Time: 16:25:39
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFBA

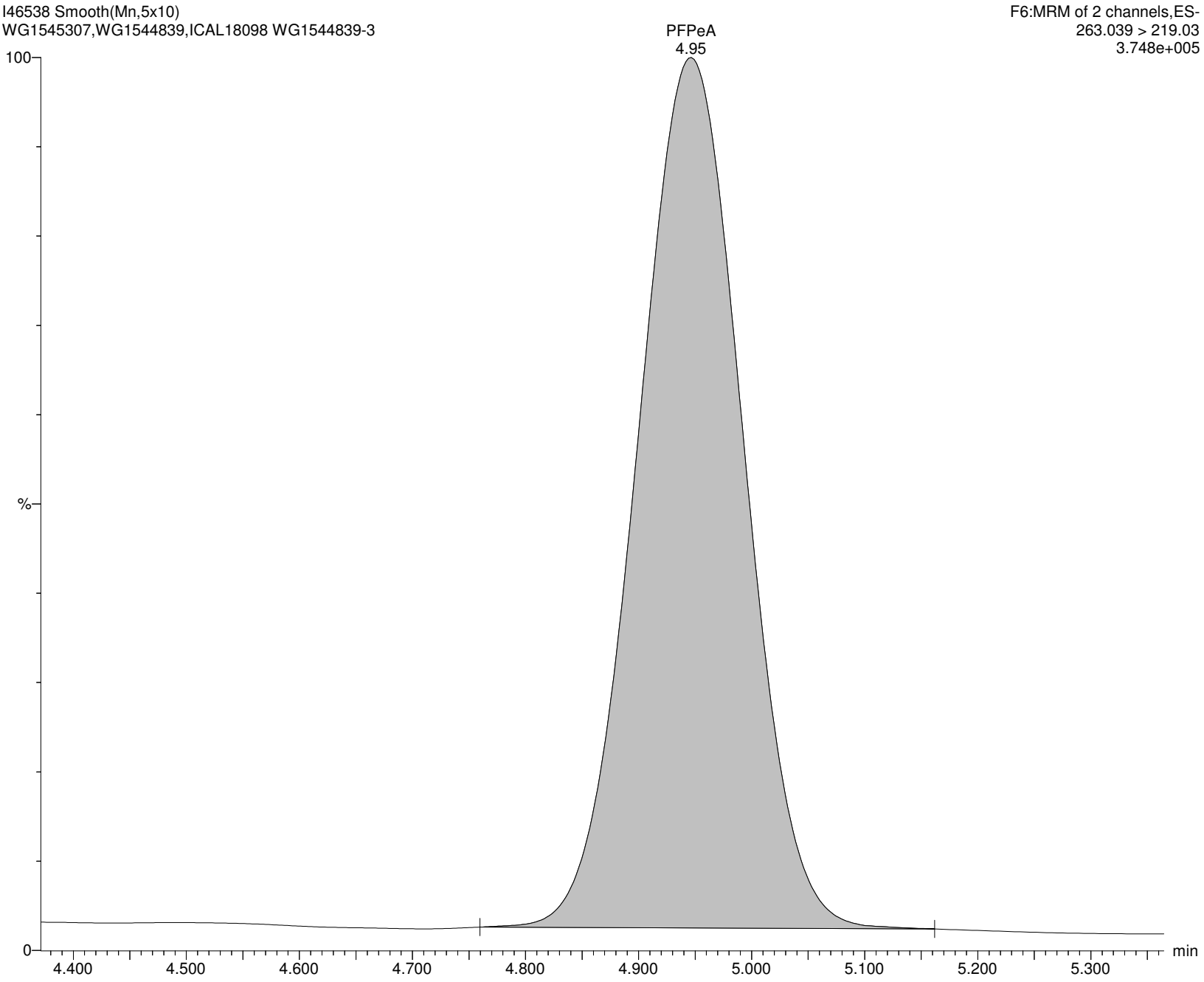


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:44 Eastern Daylight Time

Name: I46538
ID: WG1544839-3
Date: 11-Sep-2021
Time: 16:25:39
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeA

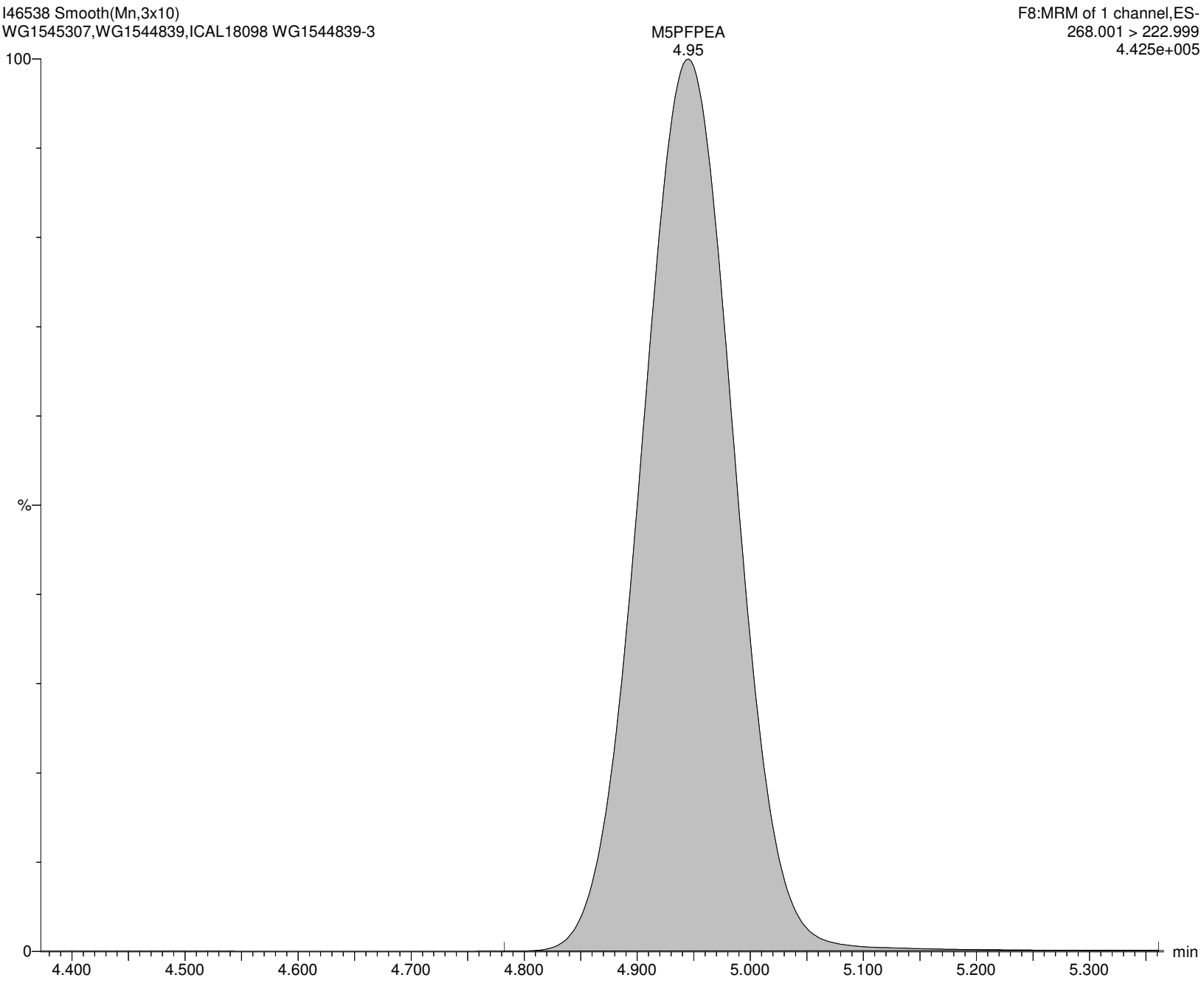


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:44 Eastern Daylight Time

Name: I46538
ID: WG1544839-3
Date: 11-Sep-2021
Time: 16:25:39
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFPEA

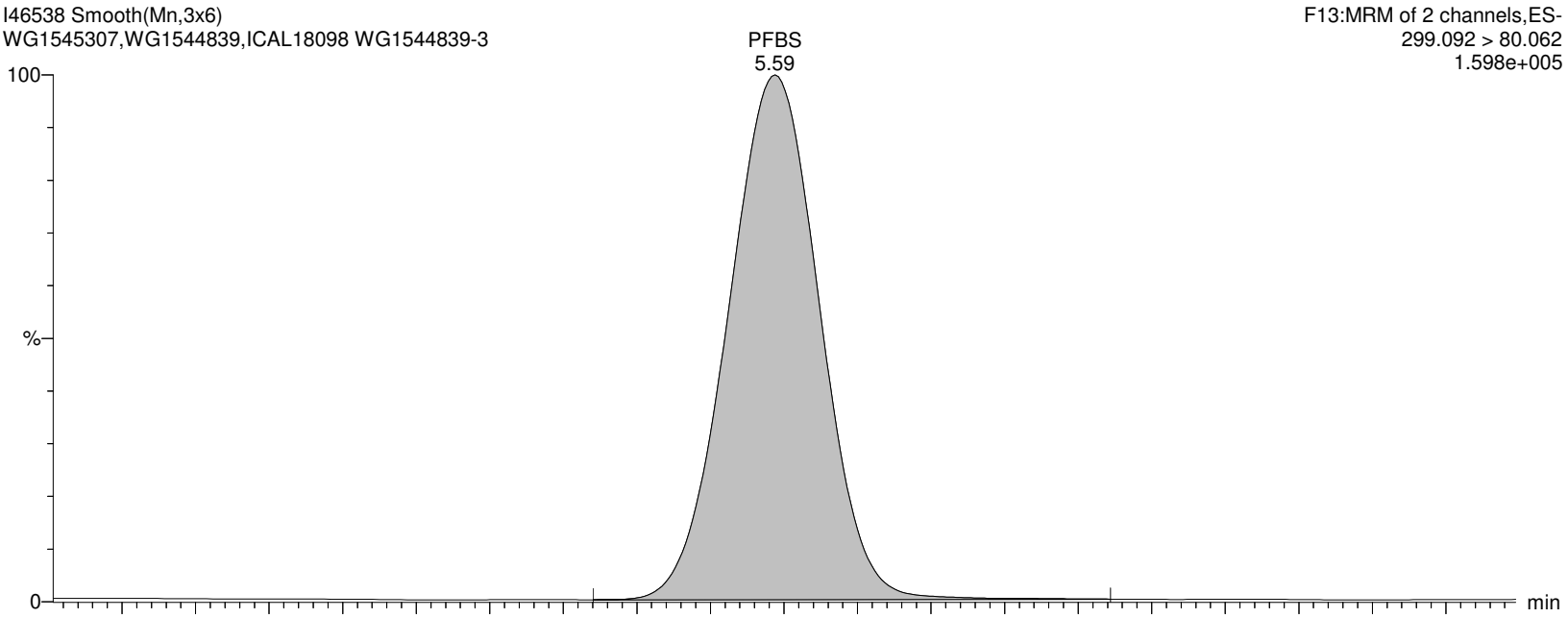


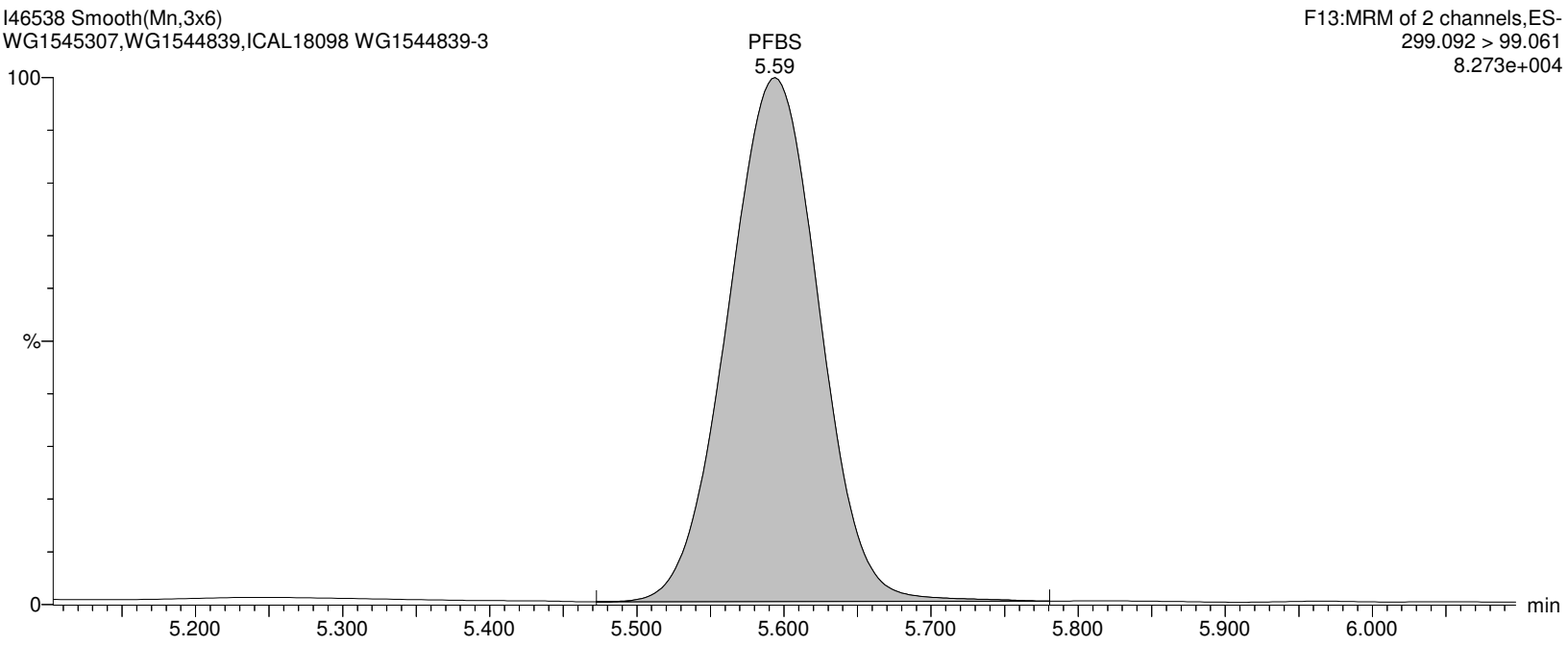
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:44 Eastern Daylight Time

Name: I46538
ID: WG1544839-3
Date: 11-Sep-2021
Time: 16:25:39
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBS



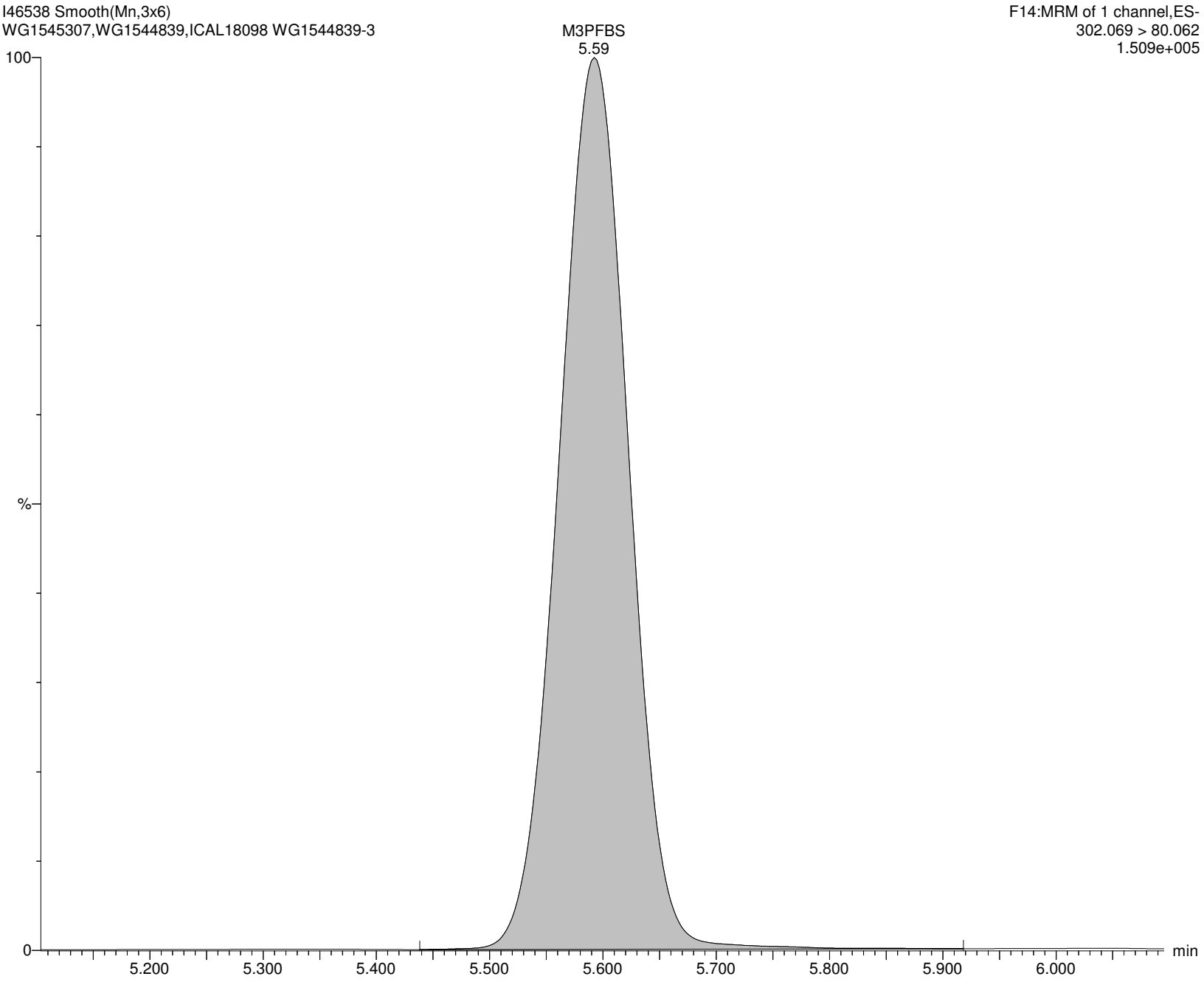


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:44 Eastern Daylight Time

Name: I46538
ID: WG1544839-3
Date: 11-Sep-2021
Time: 16:25:39
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBS

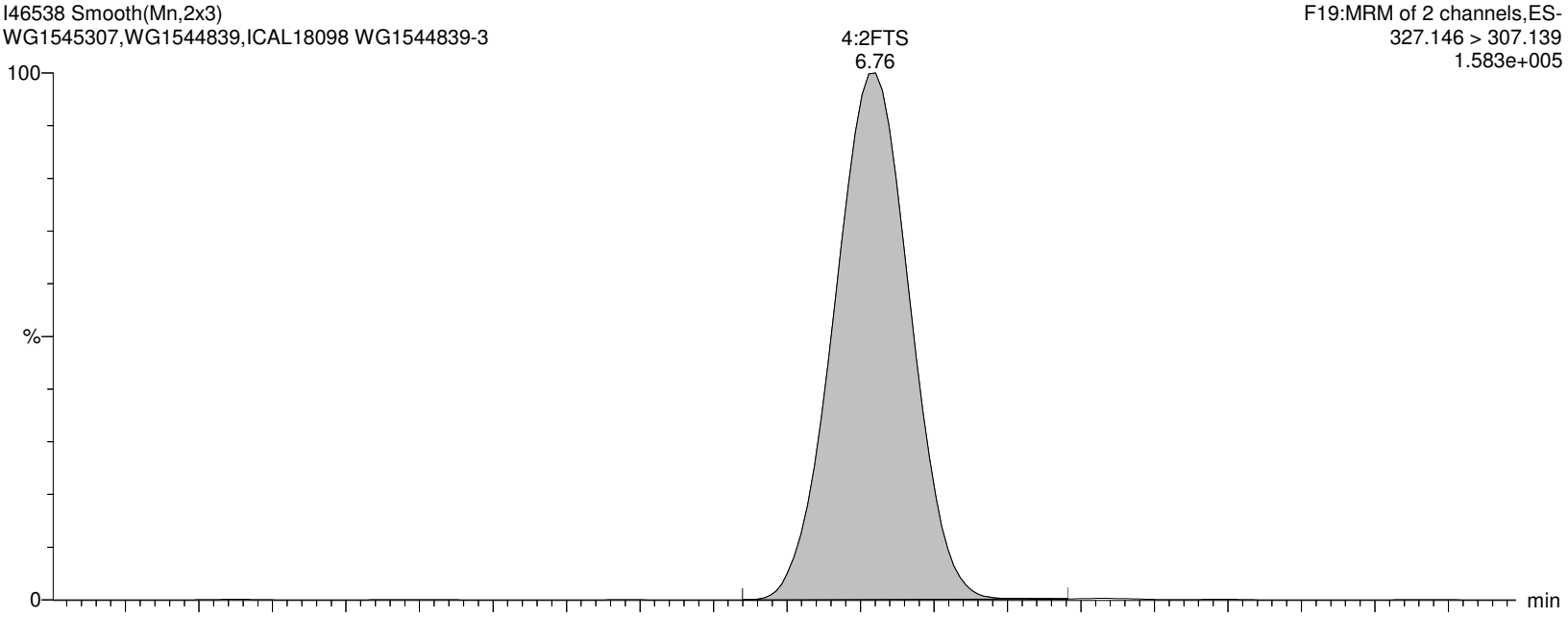


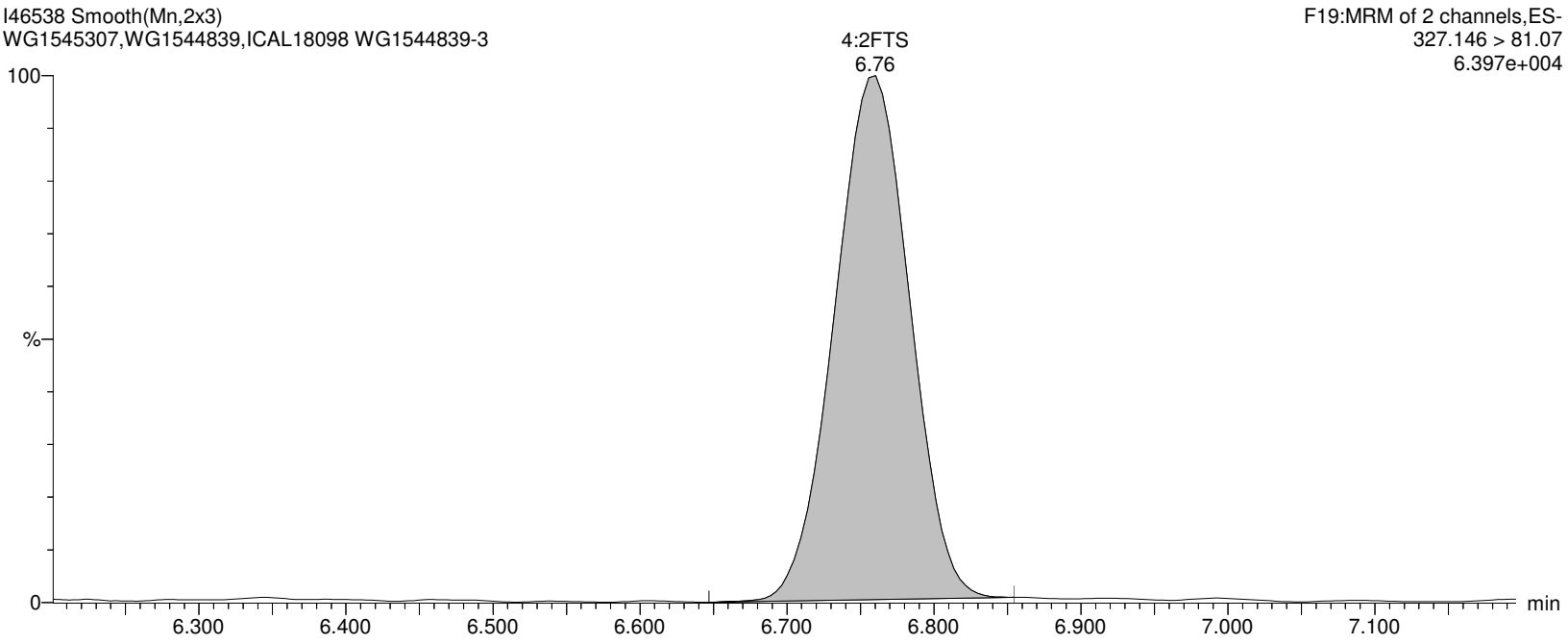
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:44 Eastern Daylight Time

Name: I46538
ID: WG1544839-3
Date: 11-Sep-2021
Time: 16:25:39
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

4:2FTS



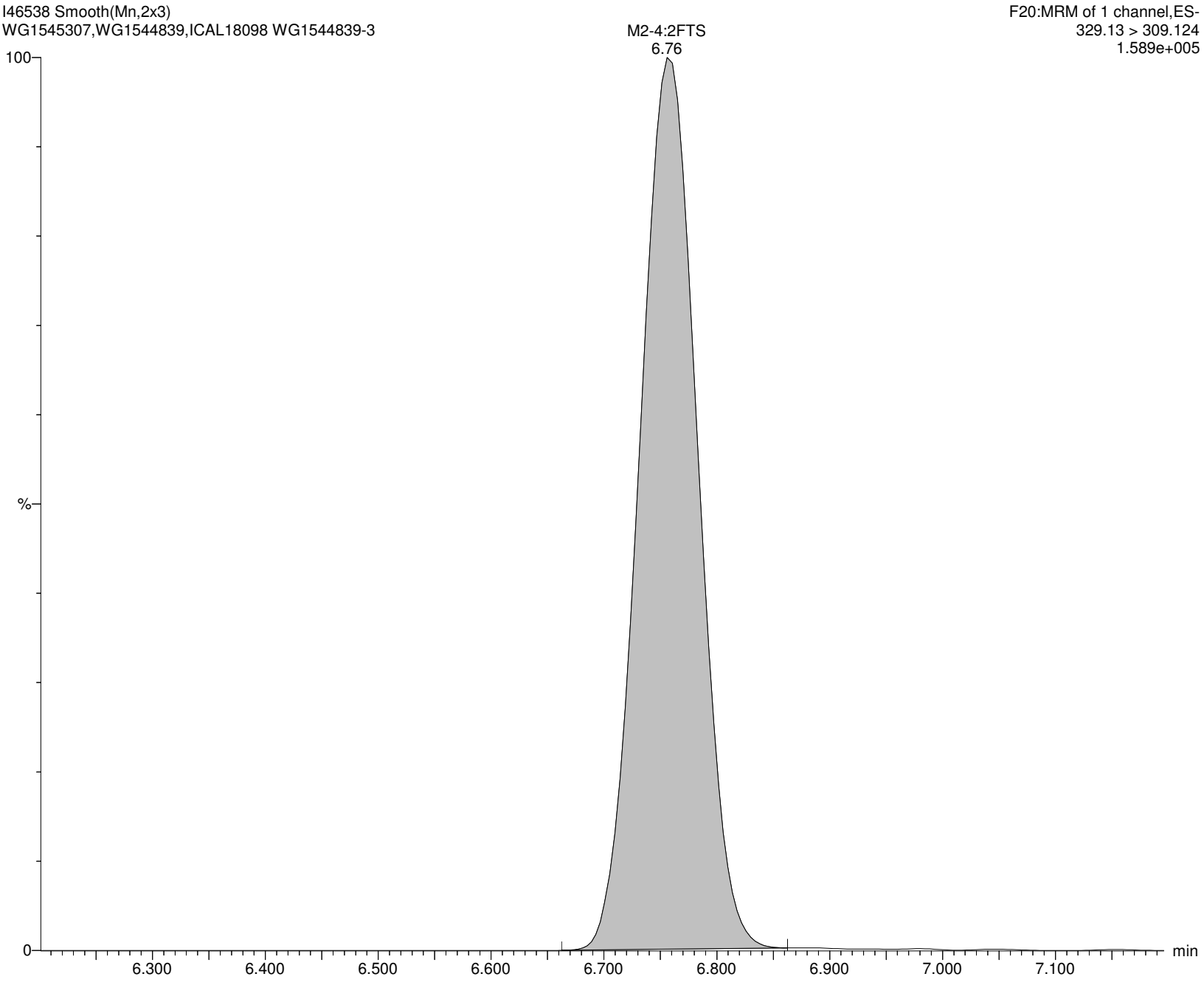


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:44 Eastern Daylight Time

Name: I46538
ID: WG1544839-3
Date: 11-Sep-2021
Time: 16:25:39
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-4:2FTS

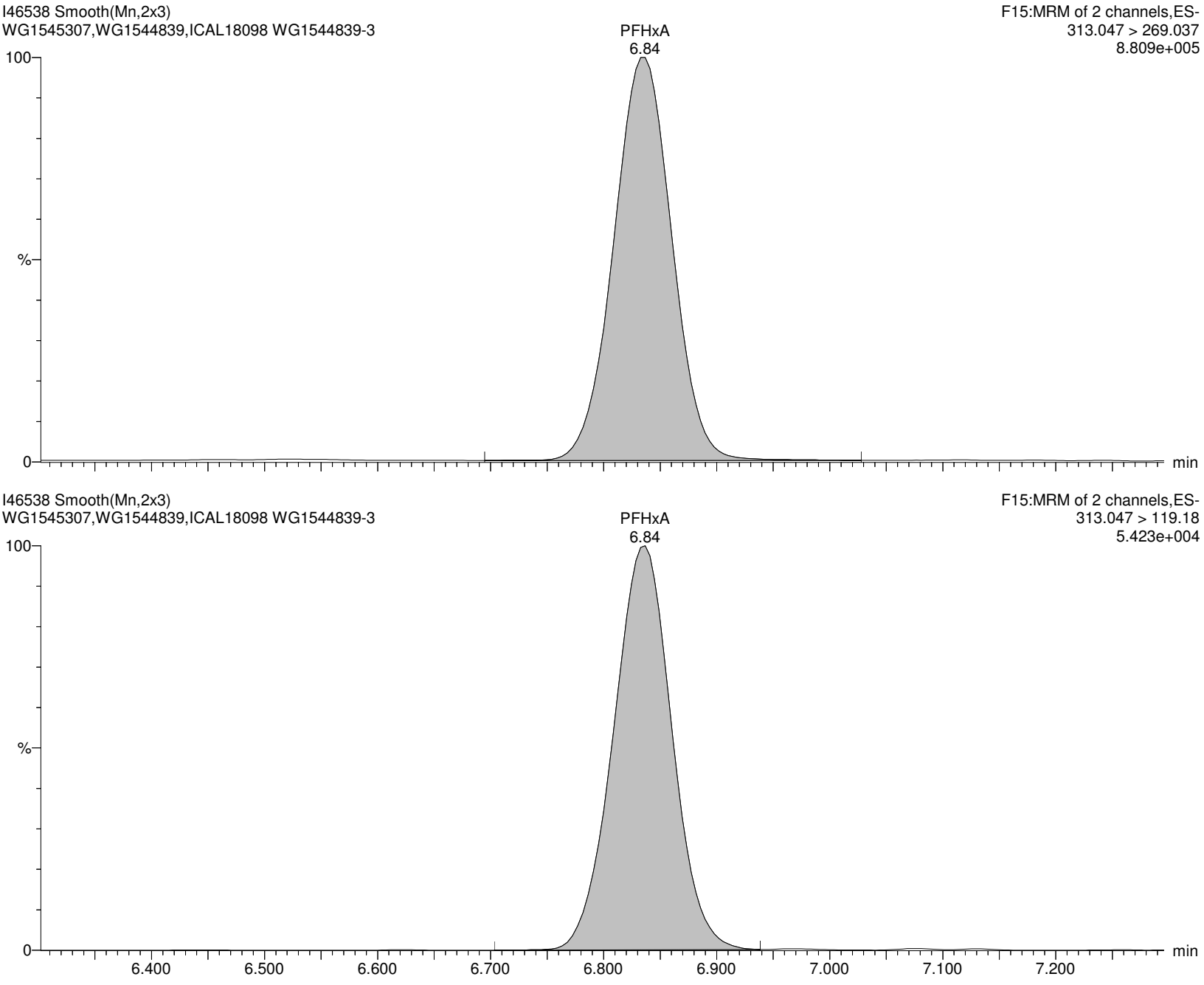


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:44 Eastern Daylight Time

Name: I46538
ID: WG1544839-3
Date: 11-Sep-2021
Time: 16:25:39
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxA

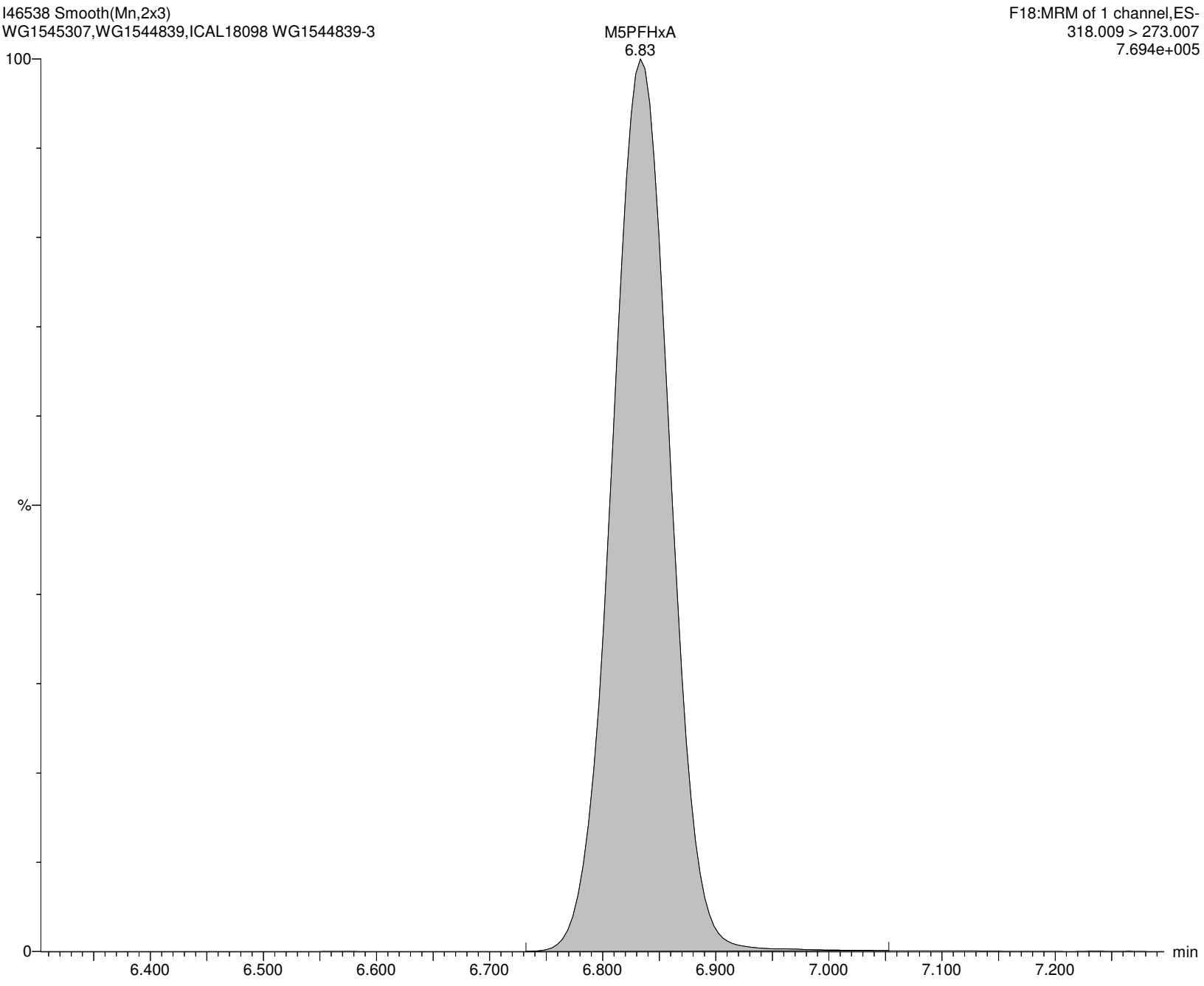


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:44 Eastern Daylight Time

Name: I46538
ID: WG1544839-3
Date: 11-Sep-2021
Time: 16:25:39
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFHxA

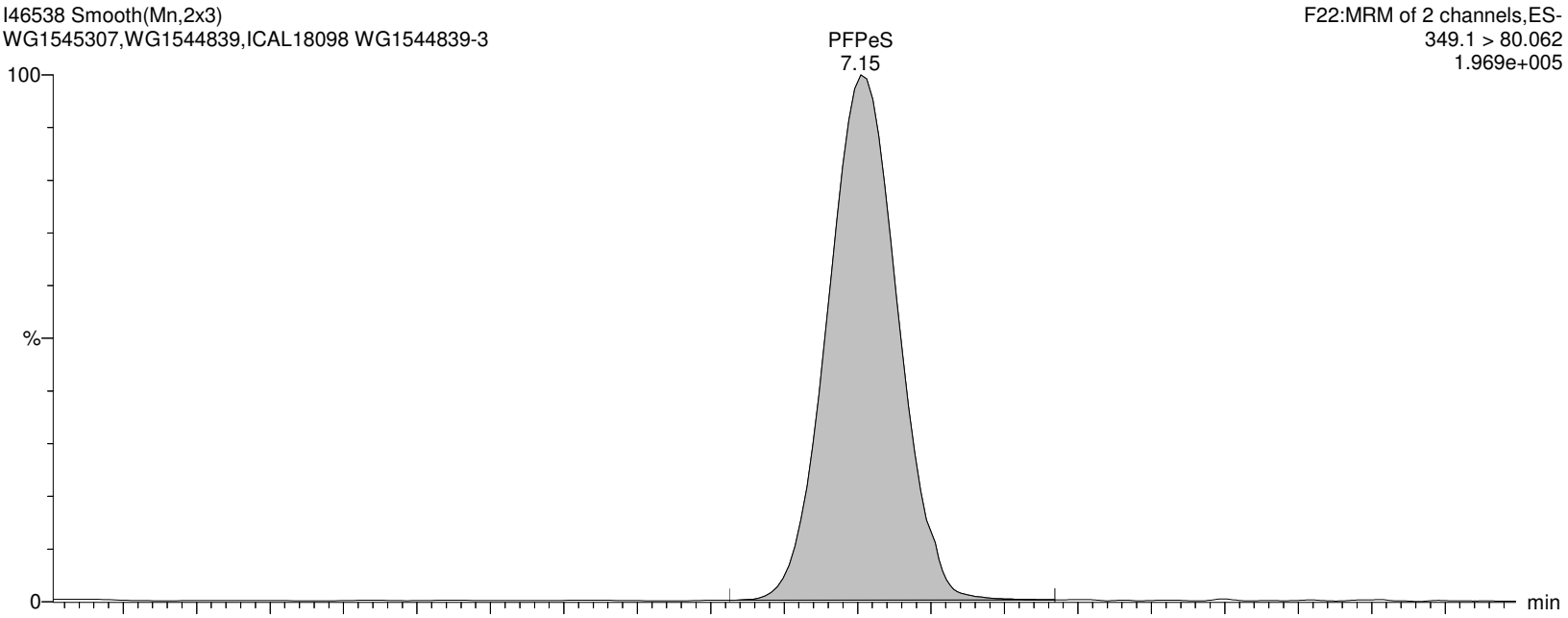


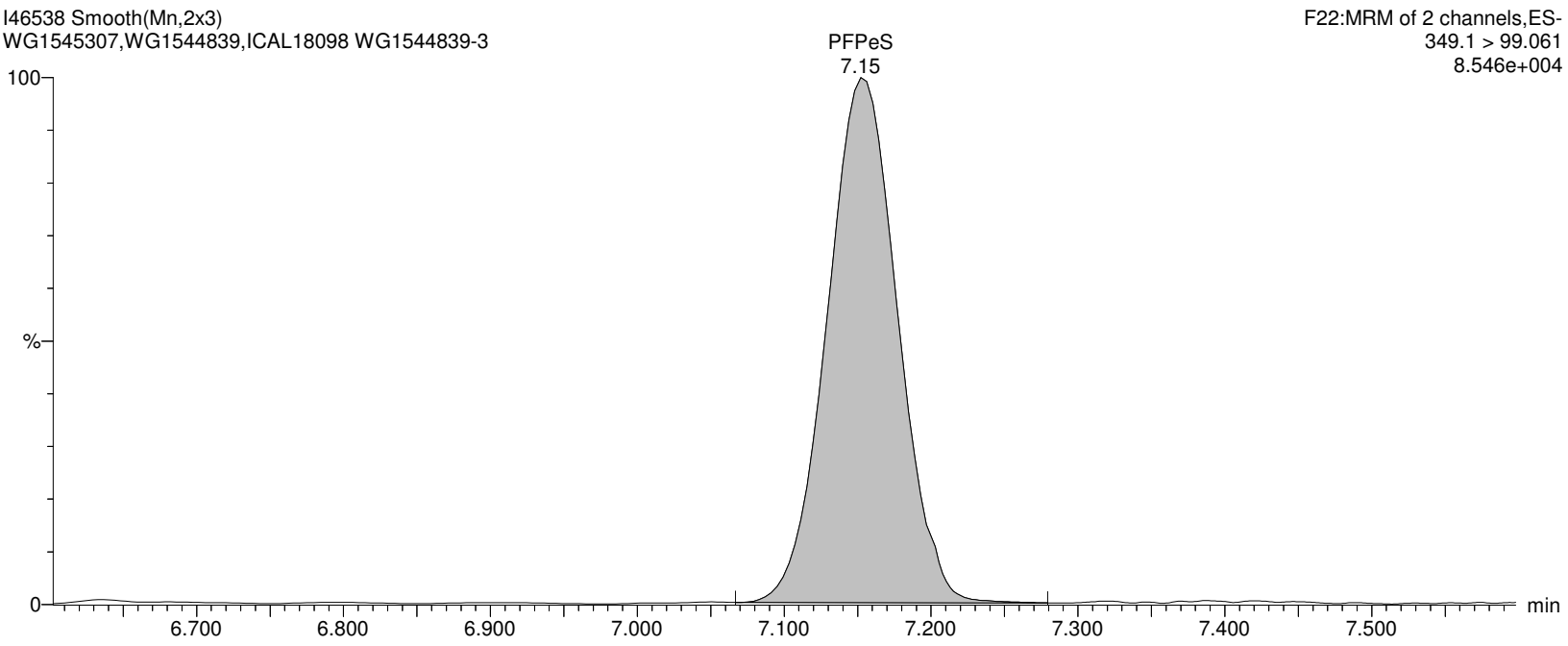
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:44 Eastern Daylight Time

Name: I46538
ID: WG1544839-3
Date: 11-Sep-2021
Time: 16:25:39
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeS



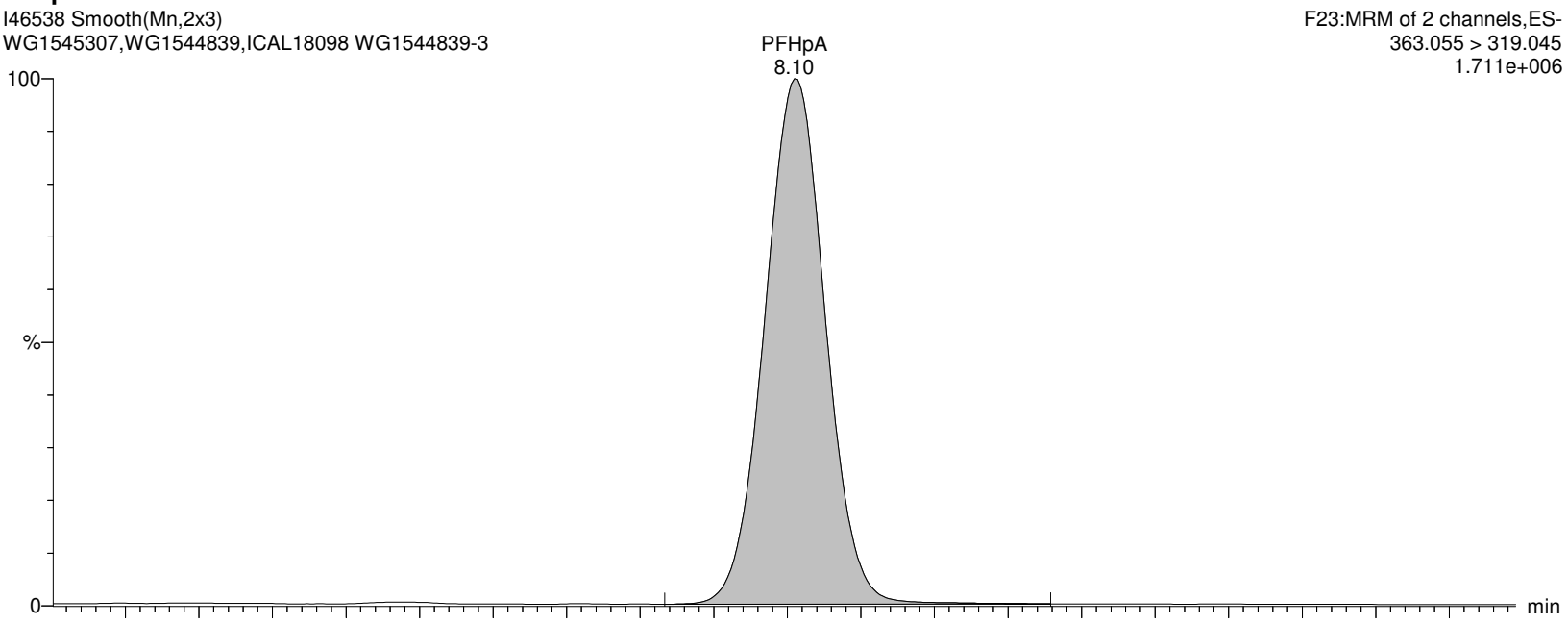


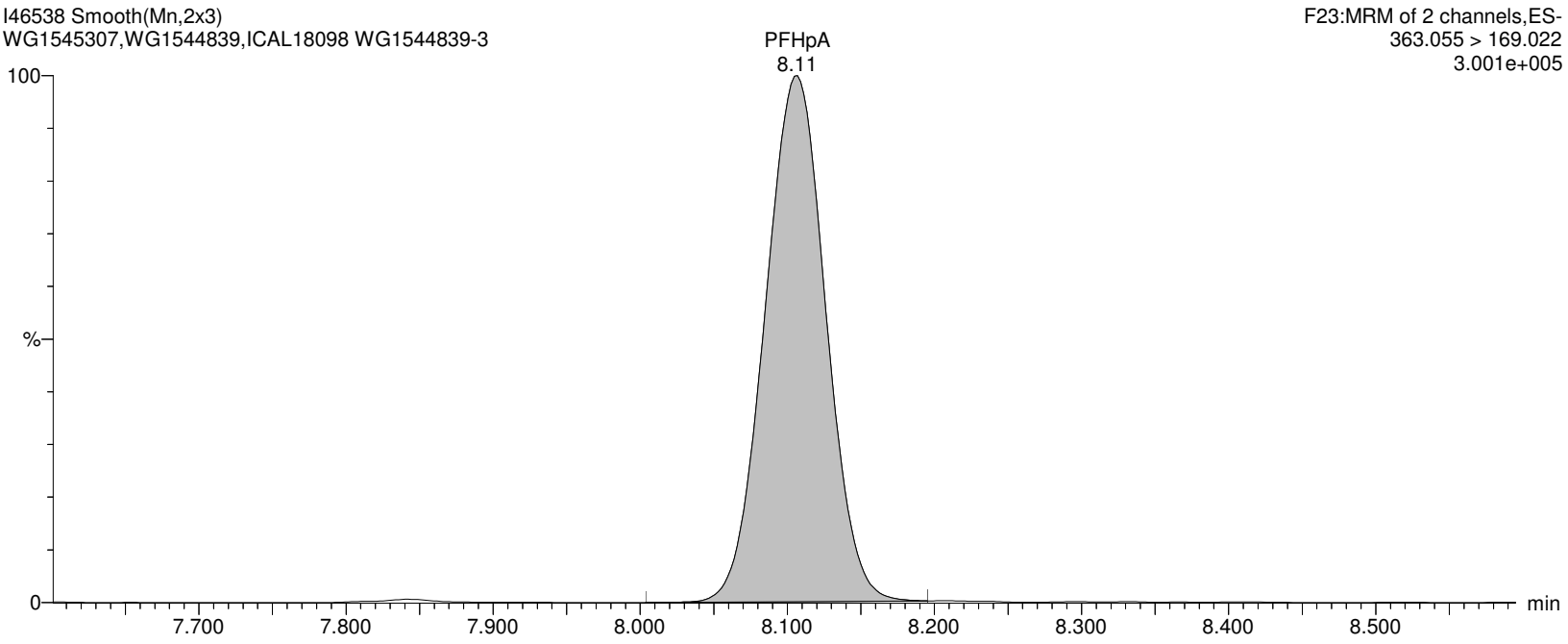
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:44 Eastern Daylight Time

Name: I46538
ID: WG1544839-3
Date: 11-Sep-2021
Time: 16:25:39
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpA



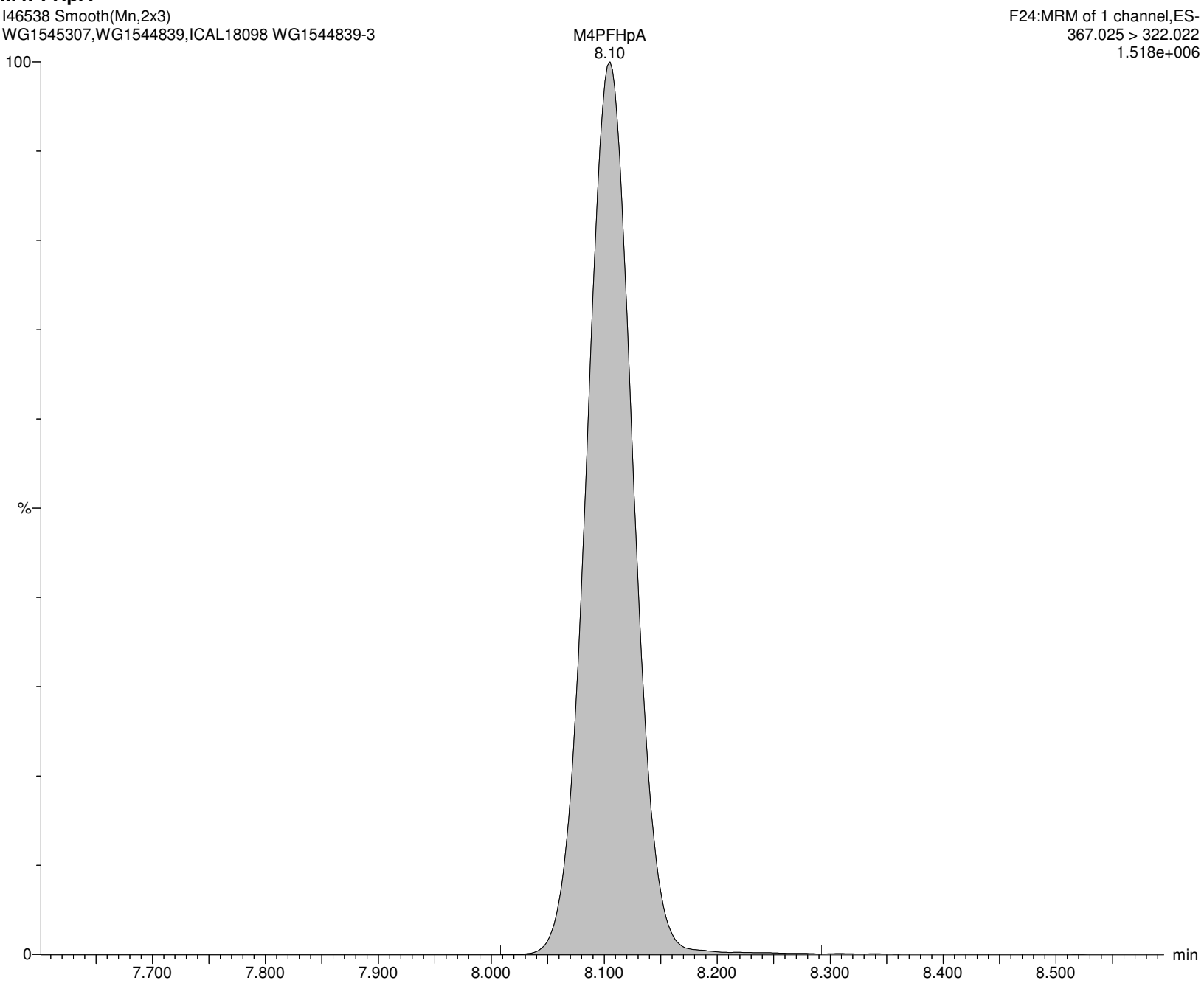


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:44 Eastern Daylight Time

Name: I46538
ID: WG1544839-3
Date: 11-Sep-2021
Time: 16:25:39
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFHpA

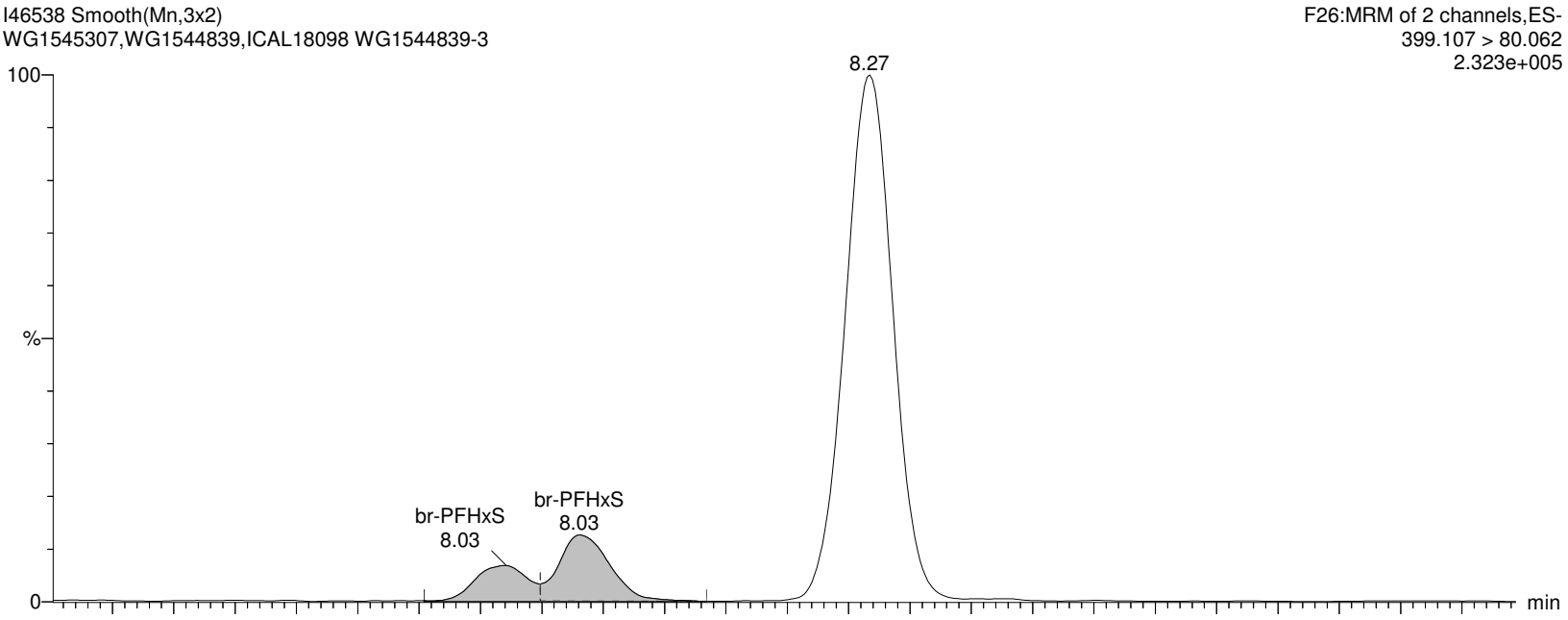


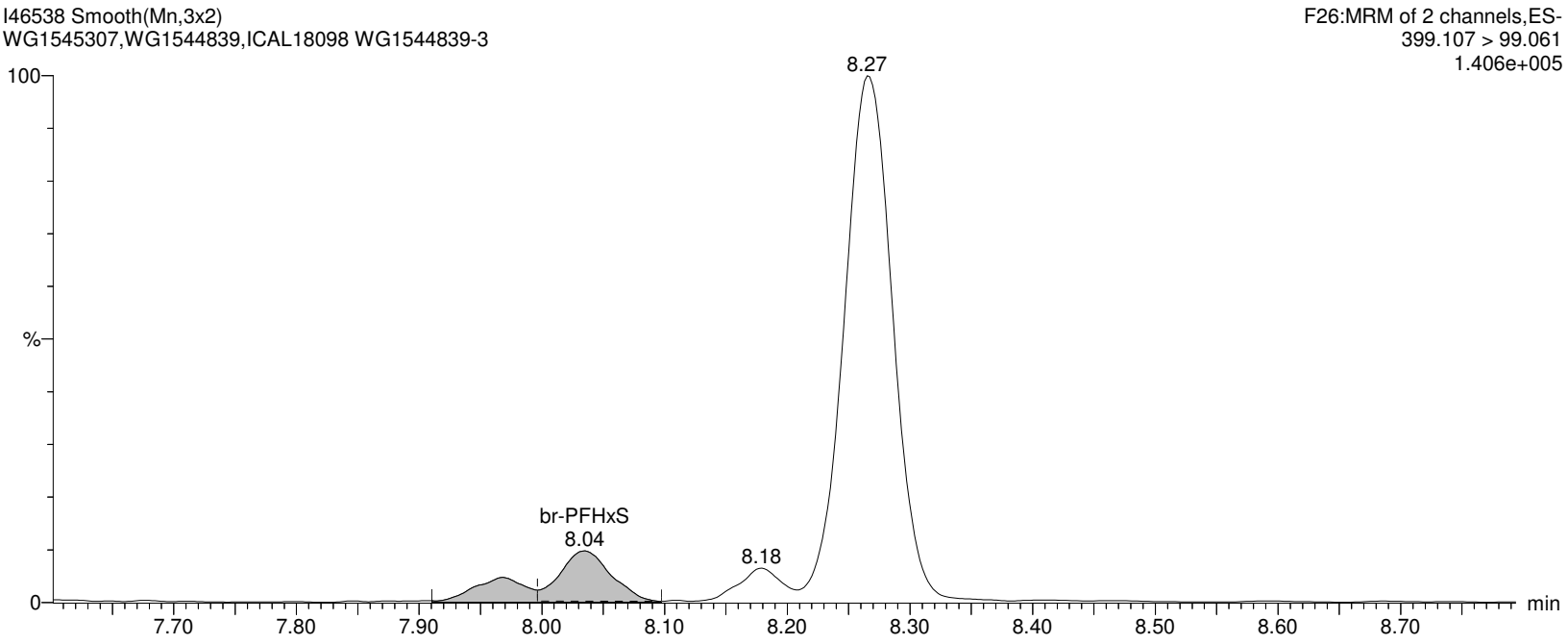
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:44 Eastern Daylight Time

Name: I46538
ID: WG1544839-3
Date: 11-Sep-2021
Time: 16:25:39
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFHxS



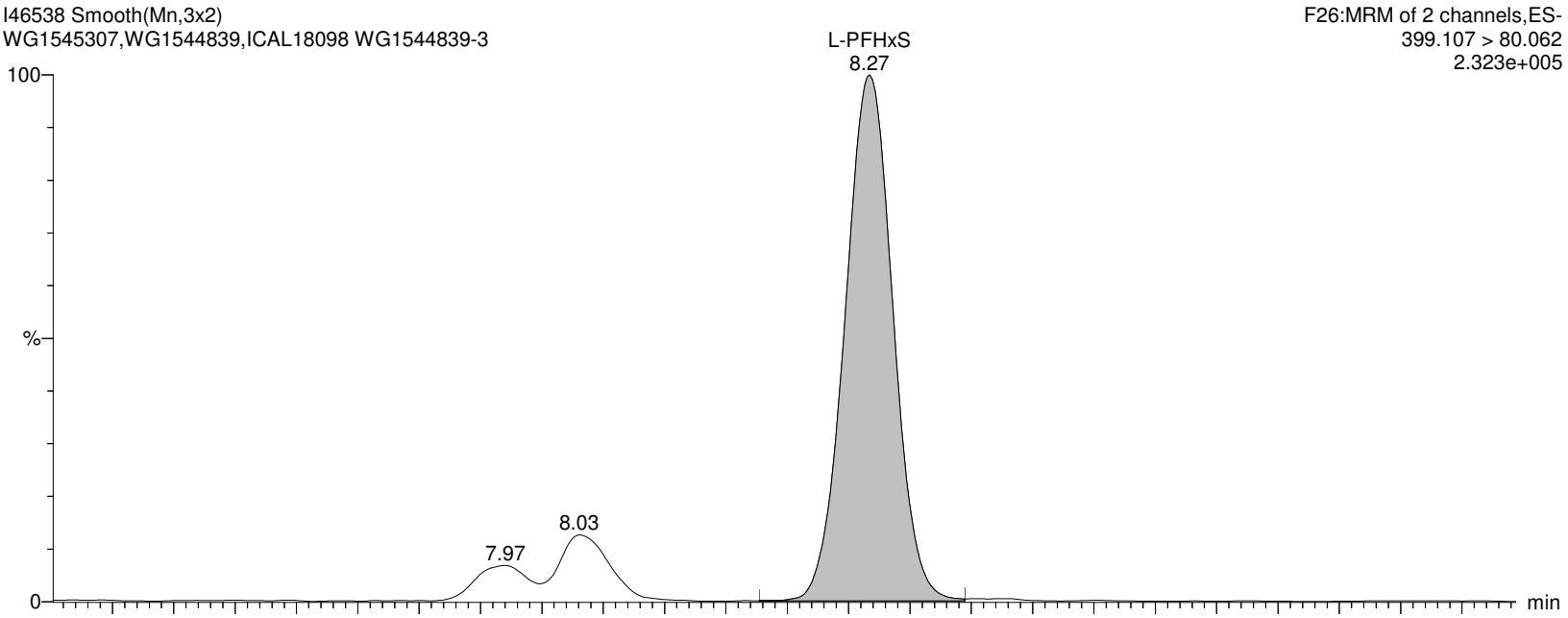


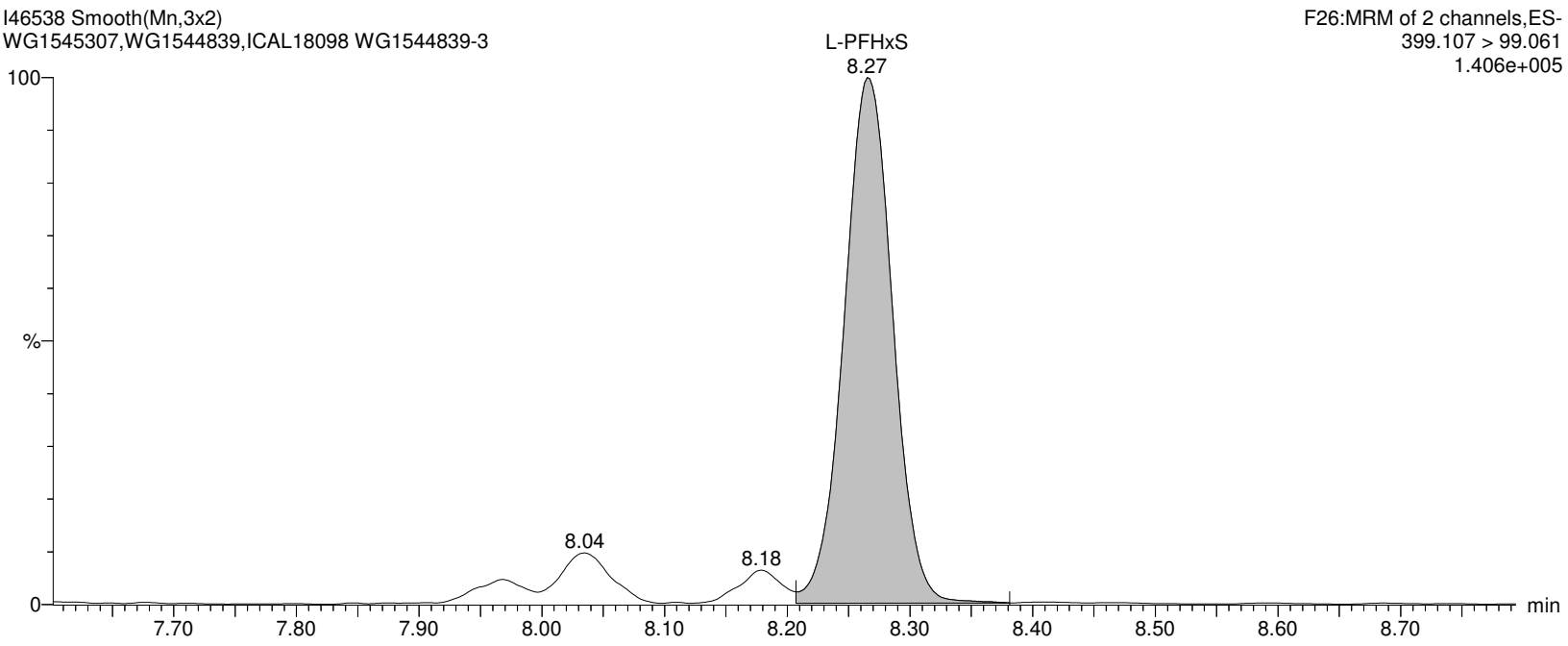
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:44 Eastern Daylight Time

Name: I46538
ID: WG1544839-3
Date: 11-Sep-2021
Time: 16:25:39
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFHxS



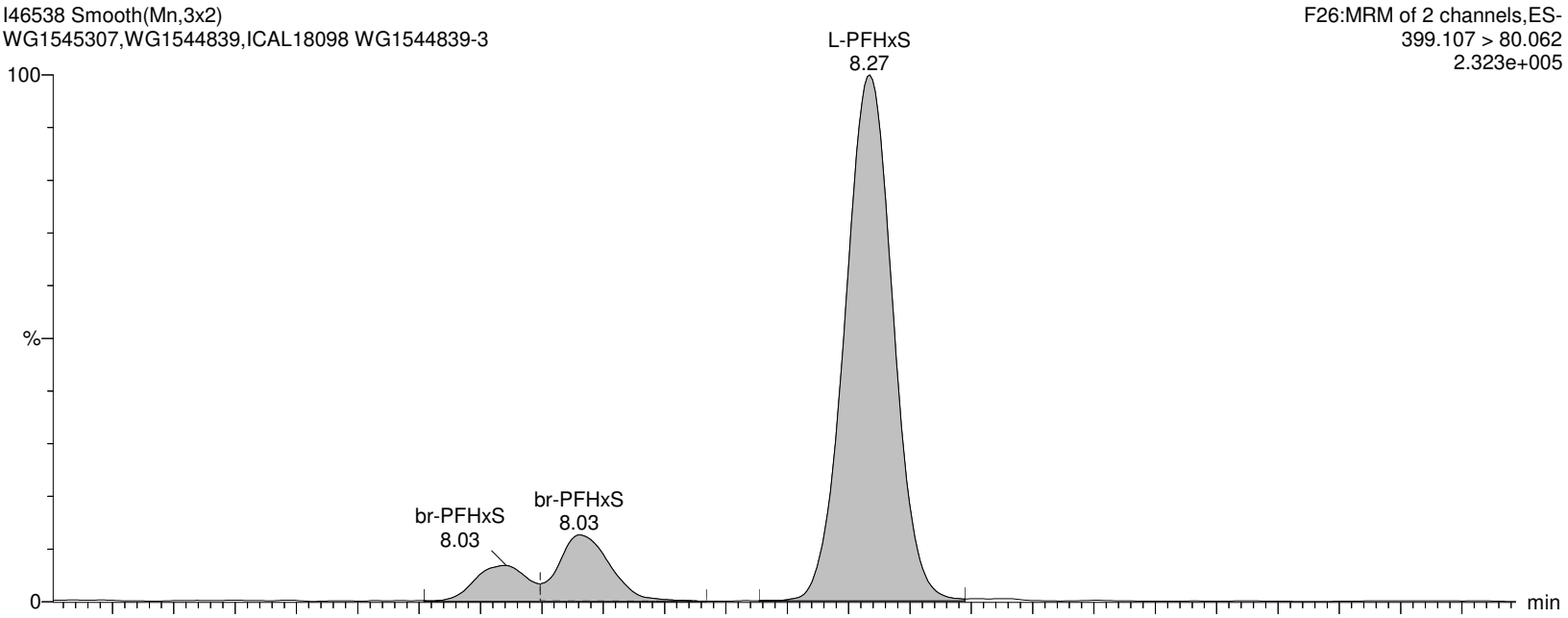


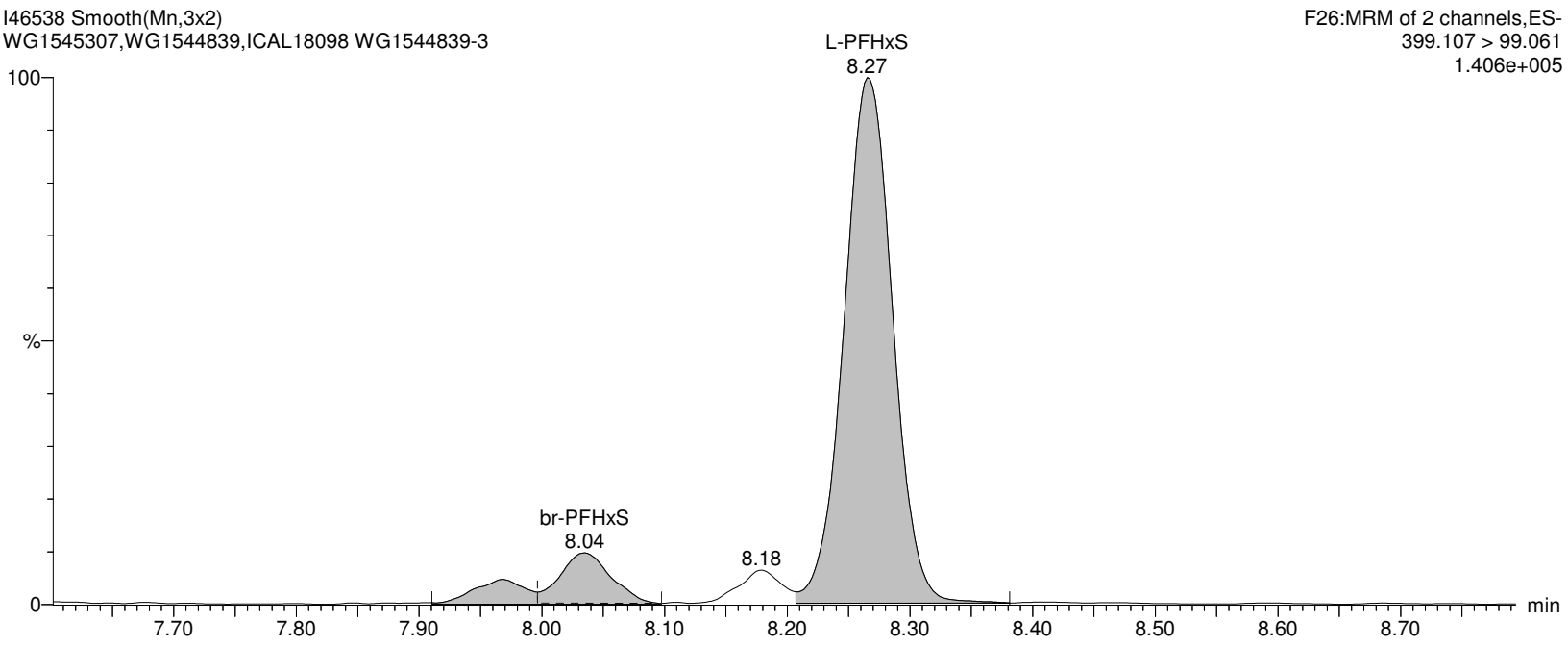
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:44 Eastern Daylight Time

Name: I46538
ID: WG1544839-3
Date: 11-Sep-2021
Time: 16:25:39
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxS



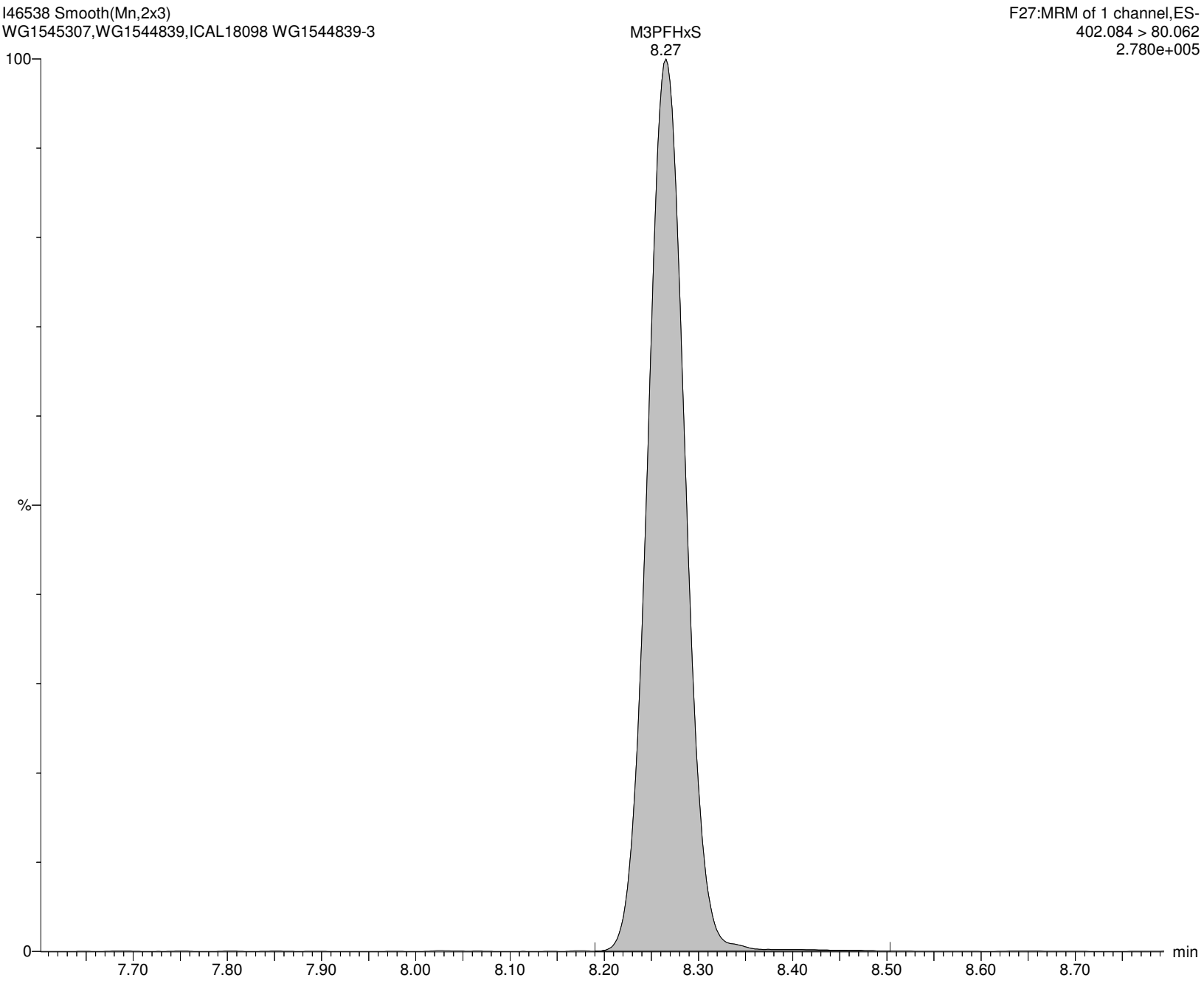


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:44 Eastern Daylight Time

Name: I46538
ID: WG1544839-3
Date: 11-Sep-2021
Time: 16:25:39
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFHxS

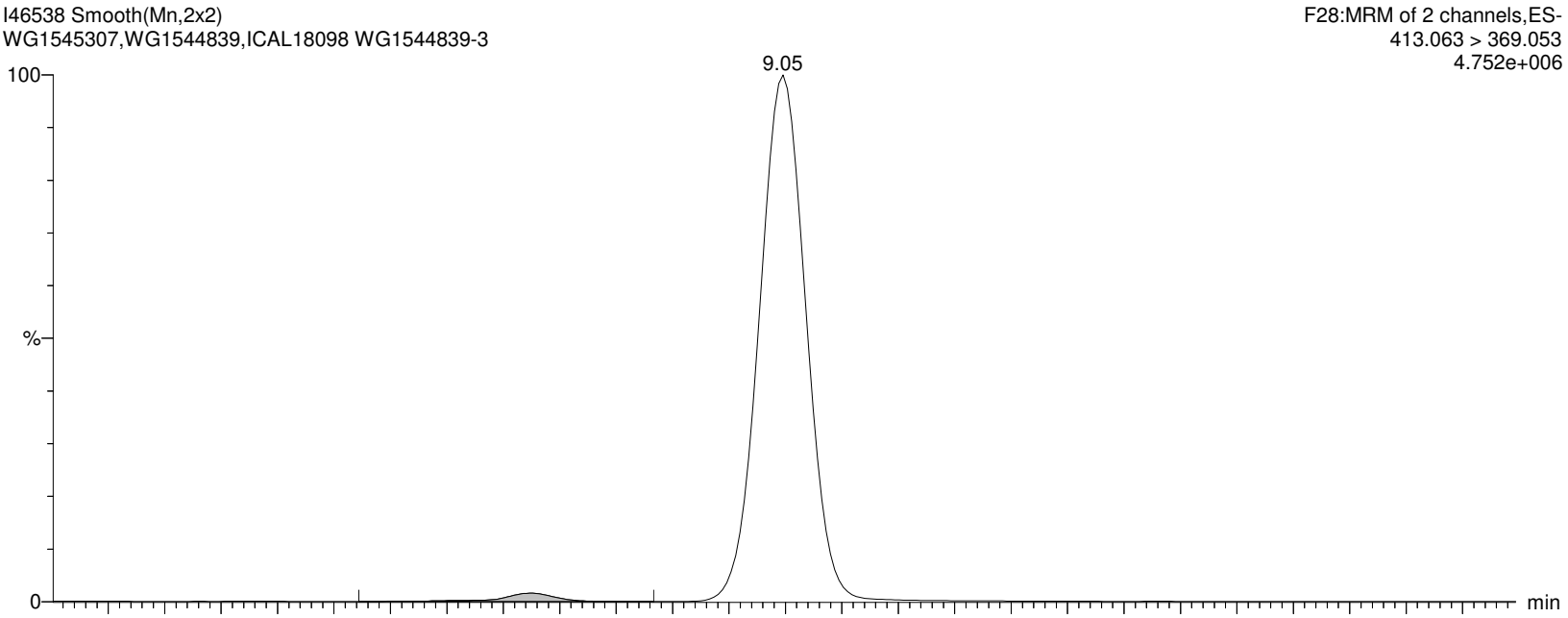


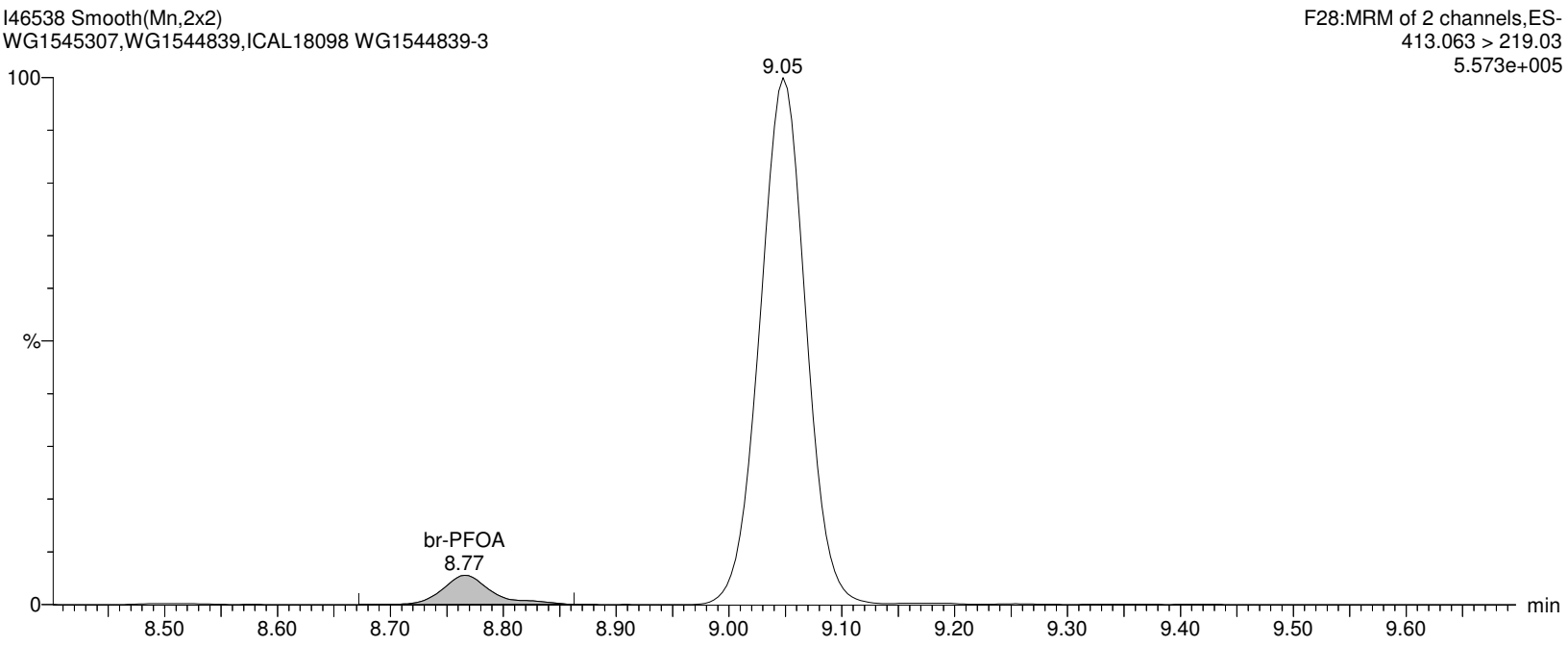
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:44 Eastern Daylight Time

Name: I46538
ID: WG1544839-3
Date: 11-Sep-2021
Time: 16:25:39
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOA



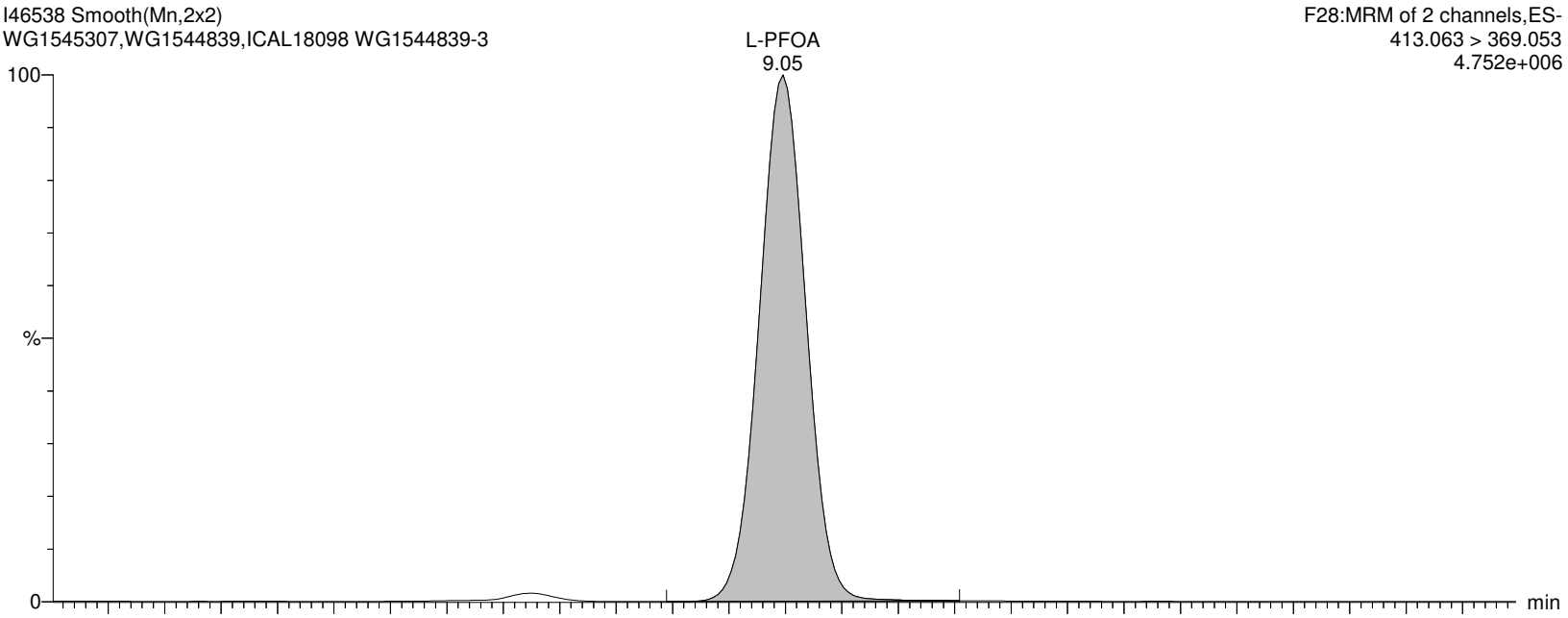


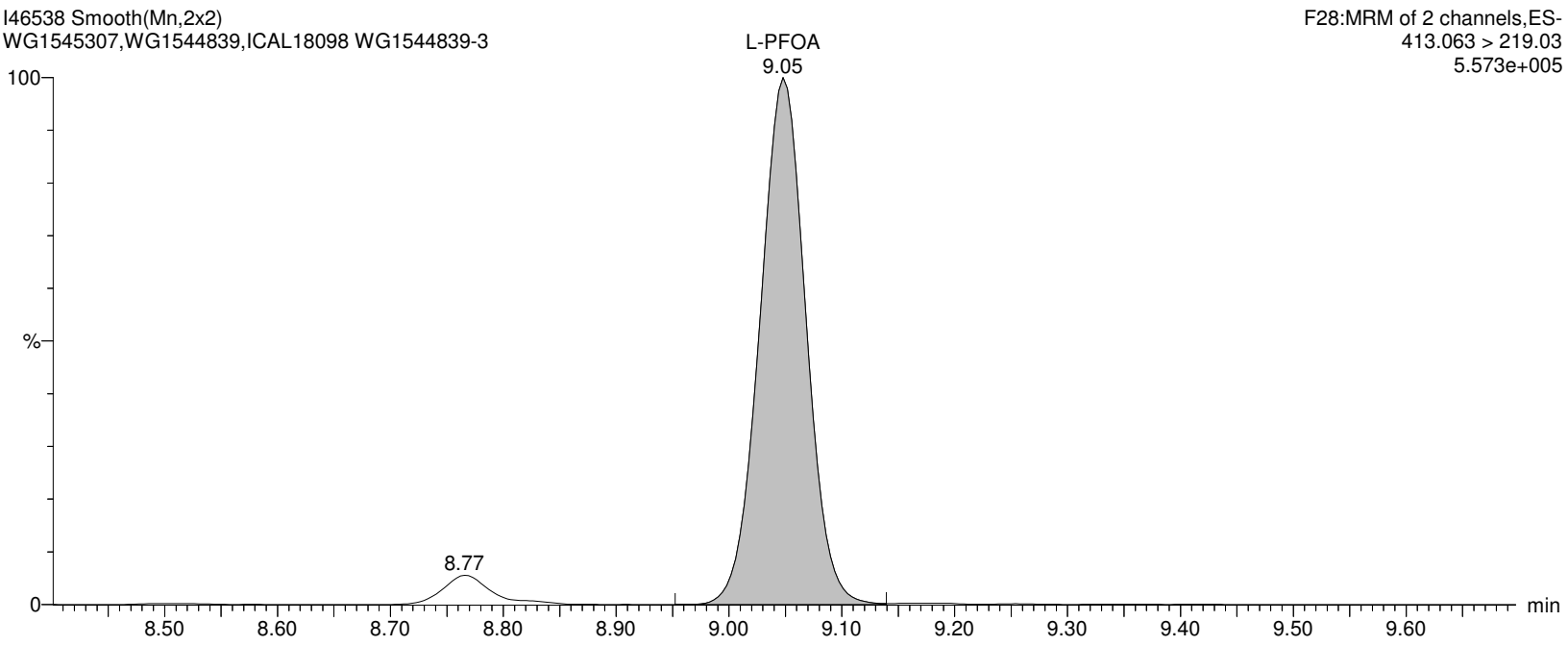
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:44 Eastern Daylight Time

Name: I46538
ID: WG1544839-3
Date: 11-Sep-2021
Time: 16:25:39
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOA



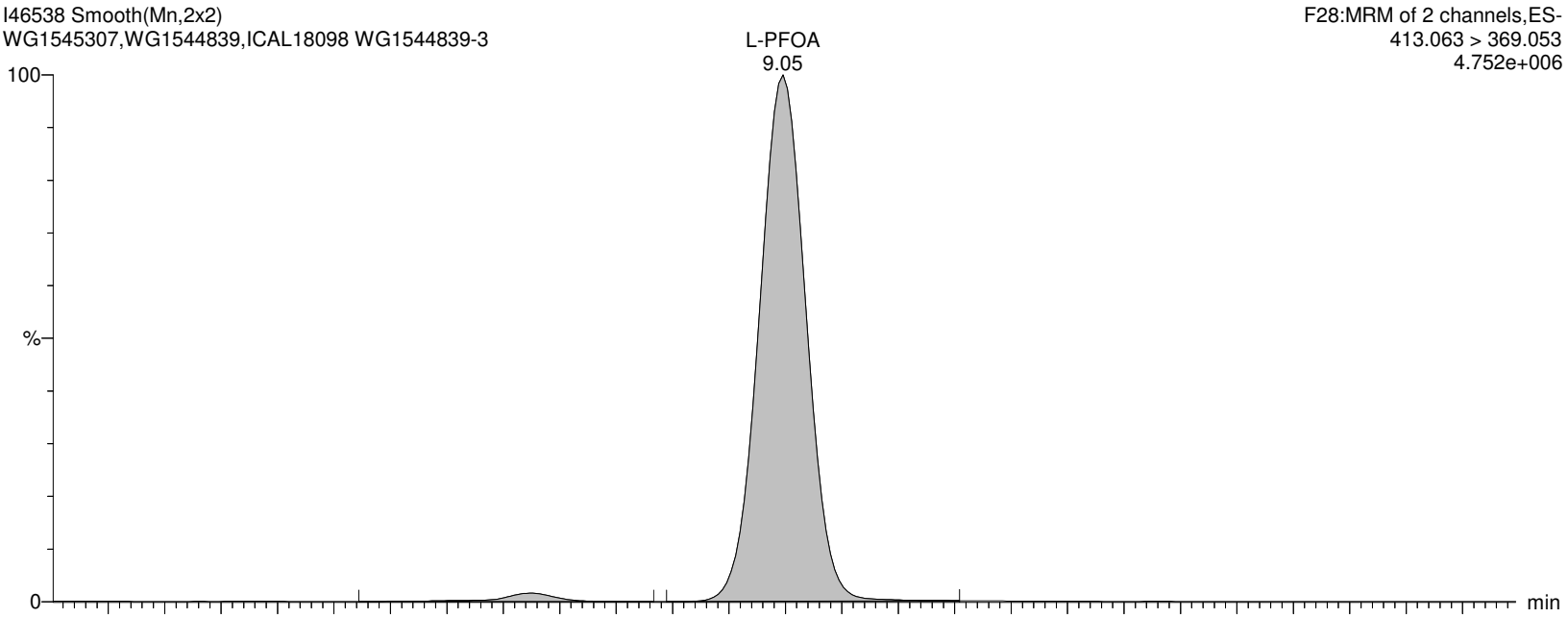


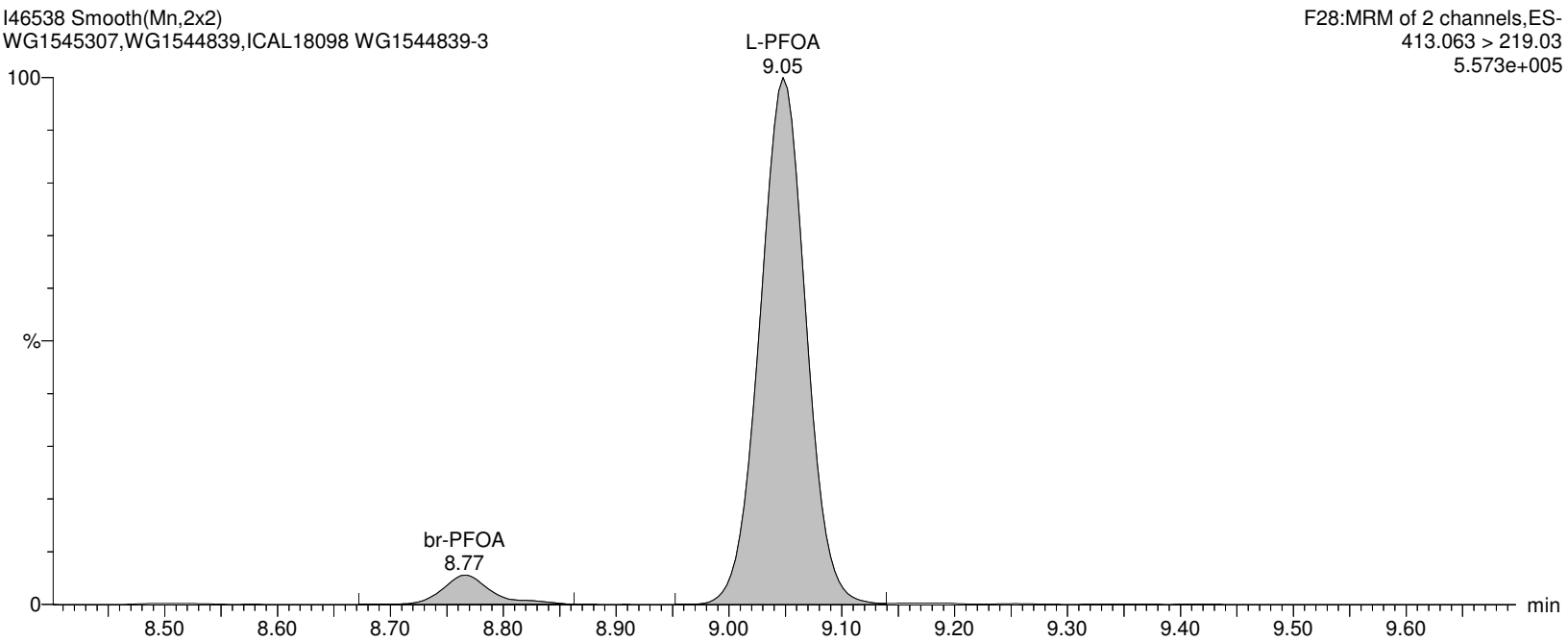
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:44 Eastern Daylight Time

Name: I46538
ID: WG1544839-3
Date: 11-Sep-2021
Time: 16:25:39
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOA



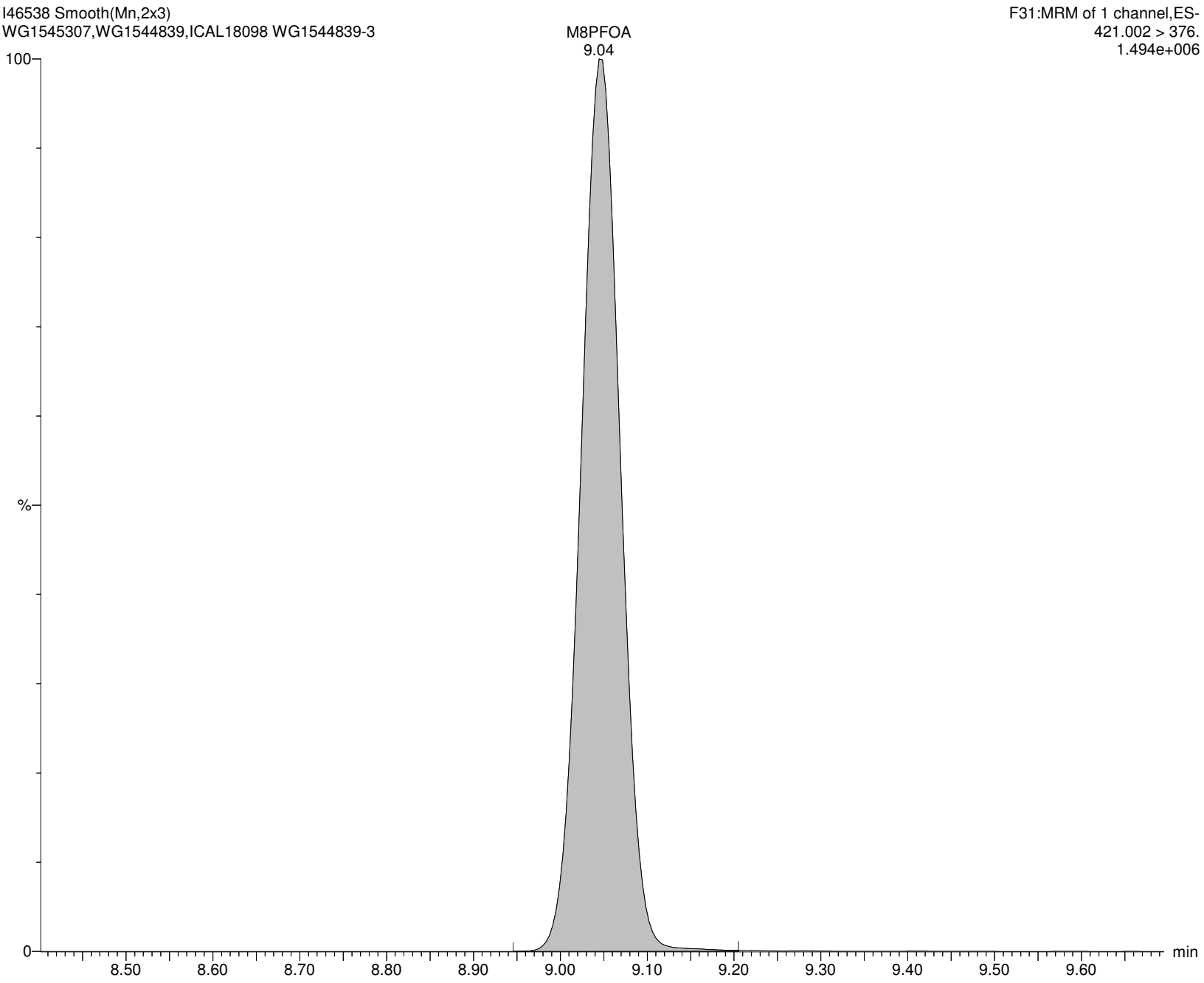


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:44 Eastern Daylight Time

Name: I46538
ID: WG1544839-3
Date: 11-Sep-2021
Time: 16:25:39
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOA

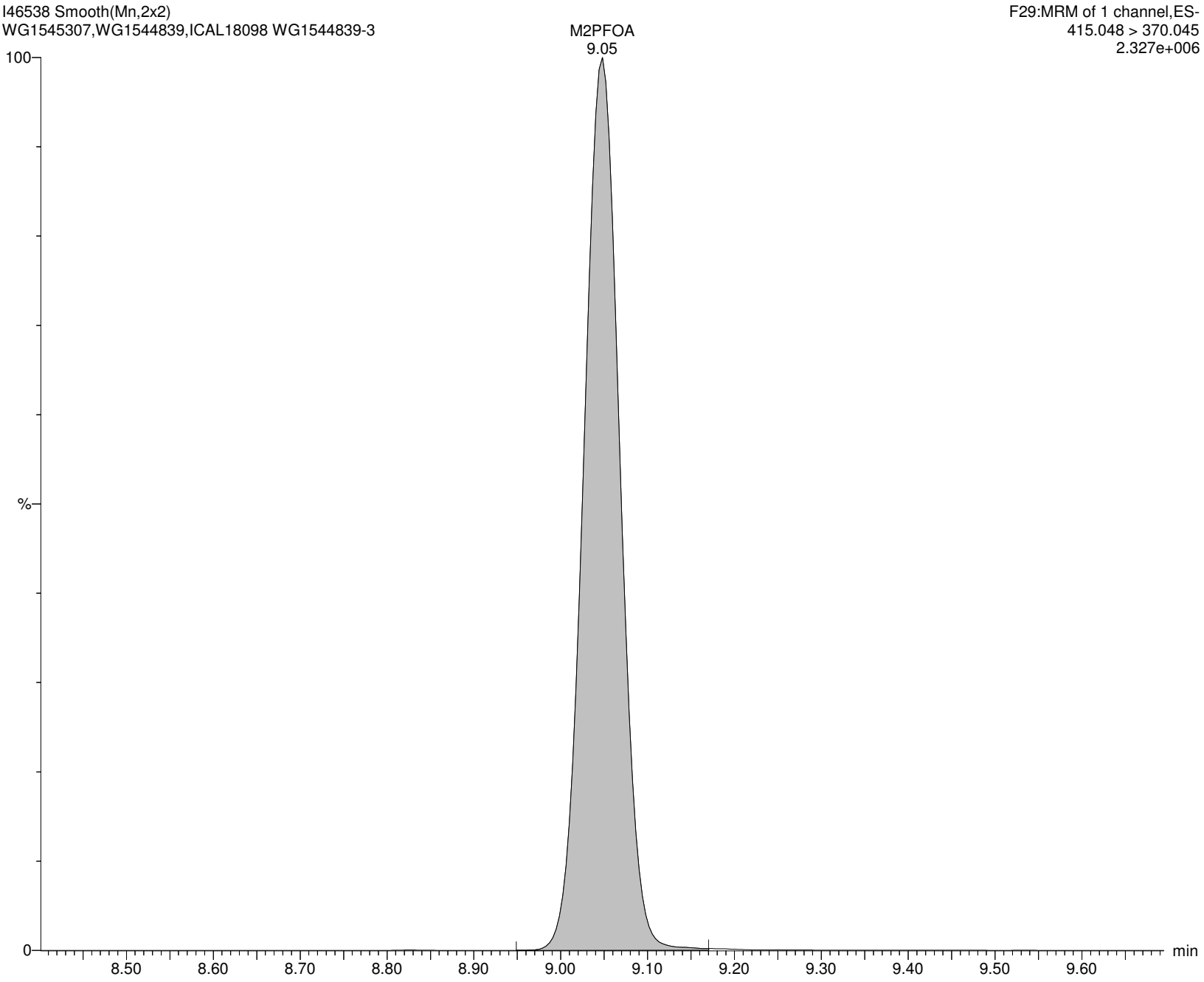


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:44 Eastern Daylight Time

Name: I46538
ID: WG1544839-3
Date: 11-Sep-2021
Time: 16:25:39
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFOA

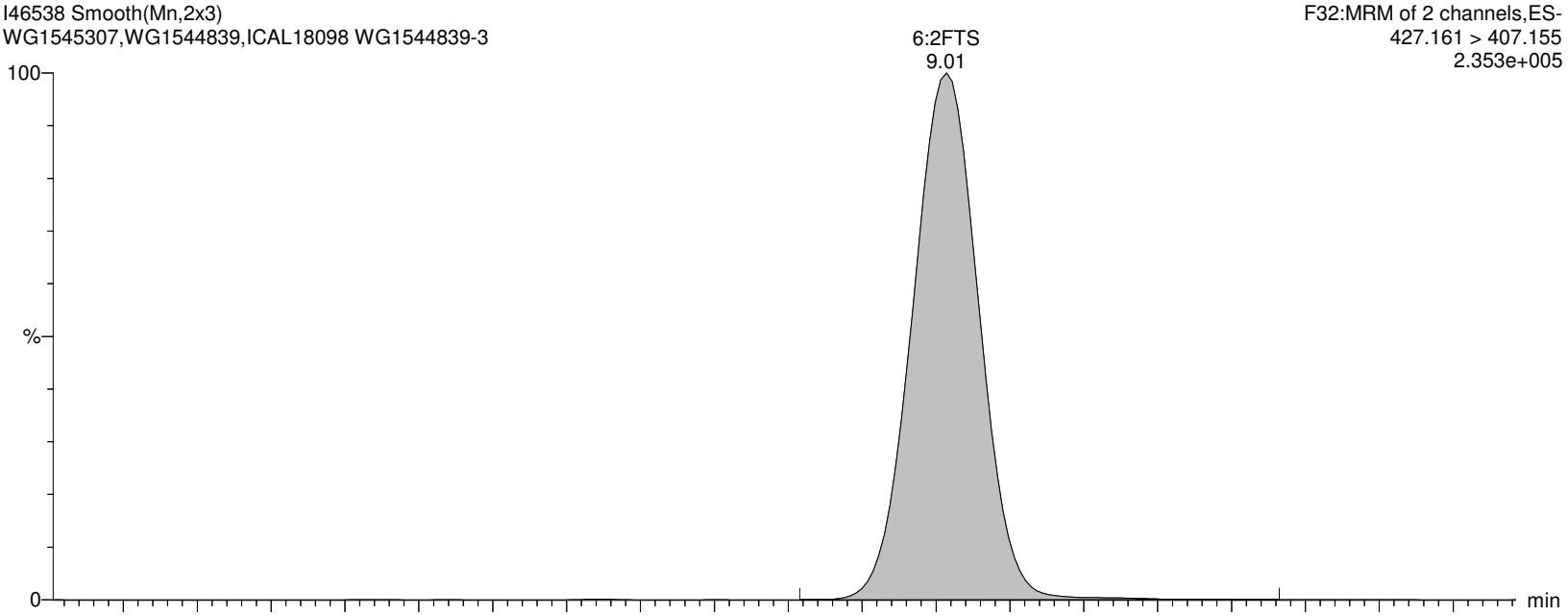


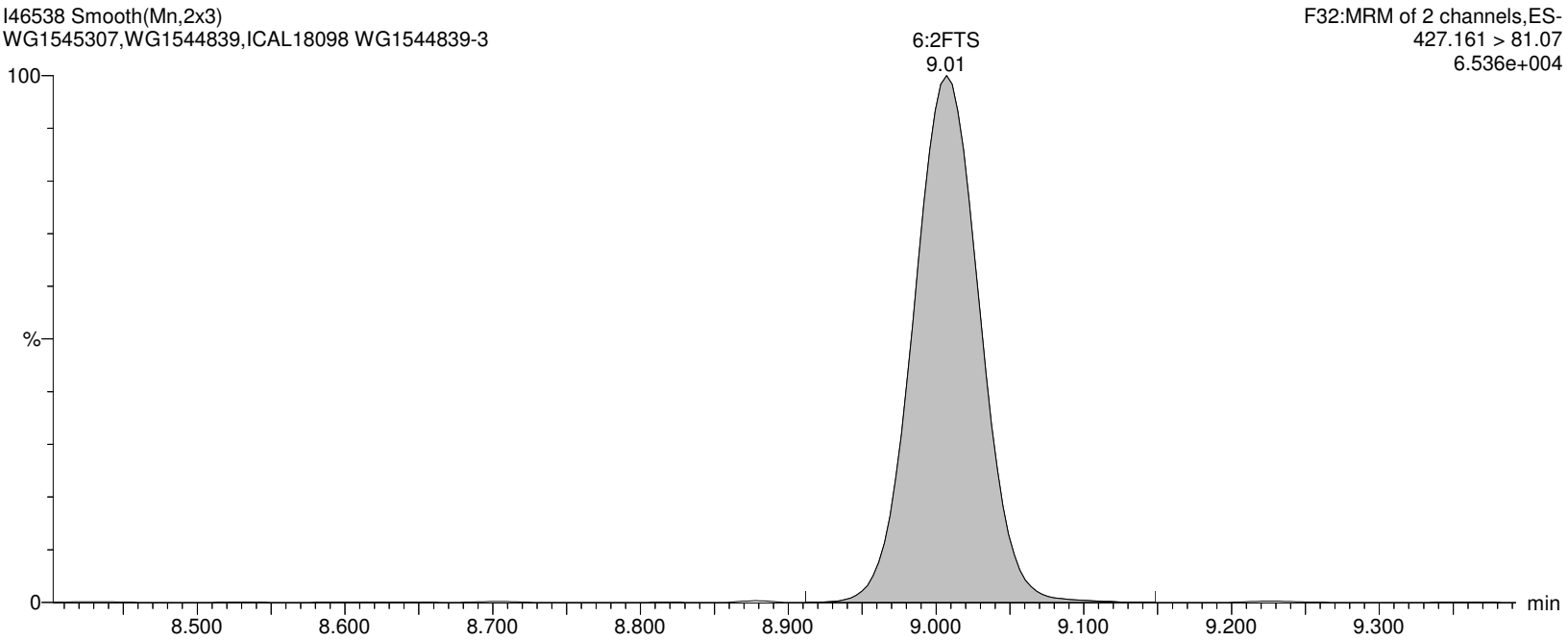
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:44 Eastern Daylight Time

Name: I46538
ID: WG1544839-3
Date: 11-Sep-2021
Time: 16:25:39
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

6:2FTS



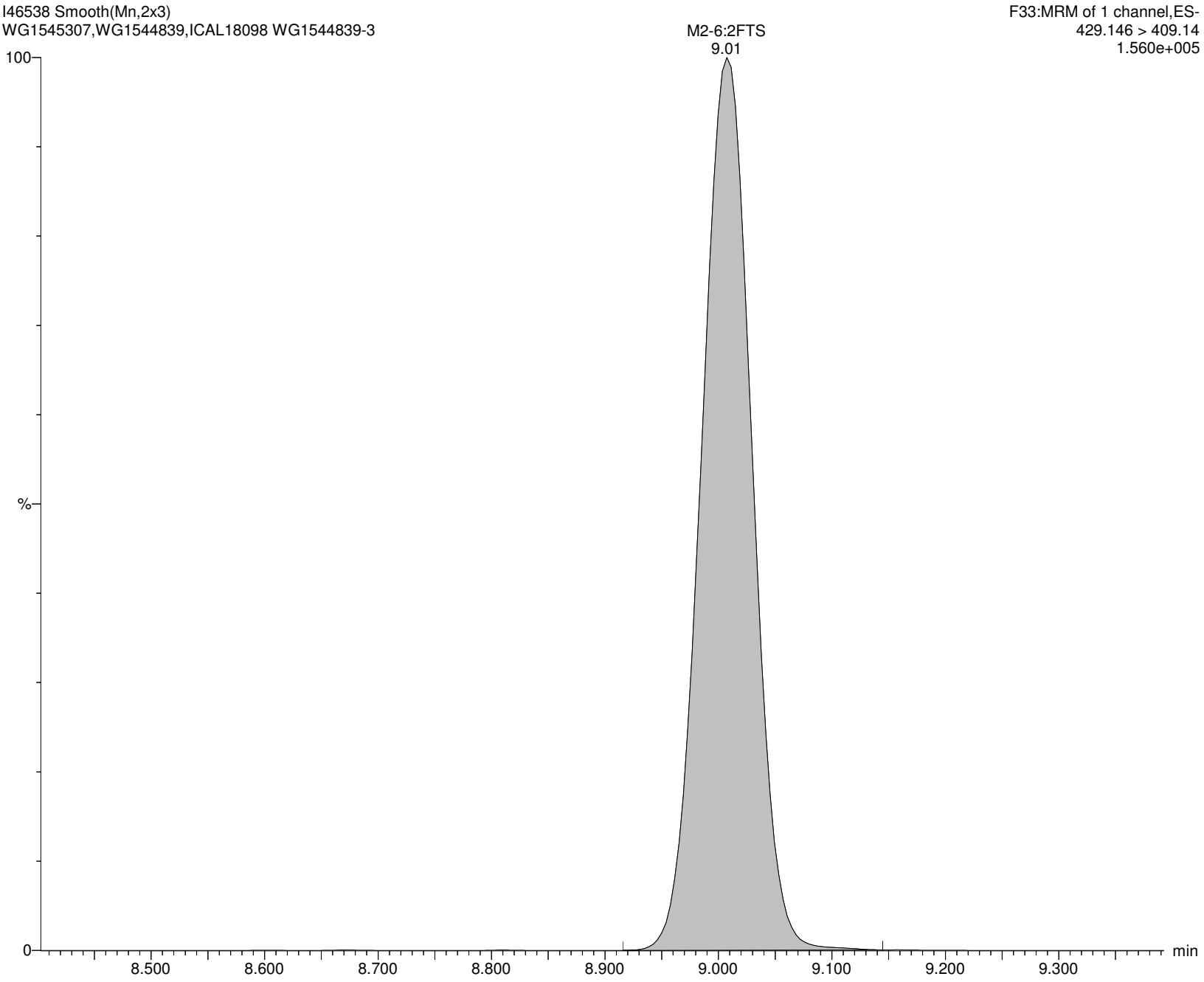


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:44 Eastern Daylight Time

Name: I46538
ID: WG1544839-3
Date: 11-Sep-2021
Time: 16:25:39
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-6:2FTS

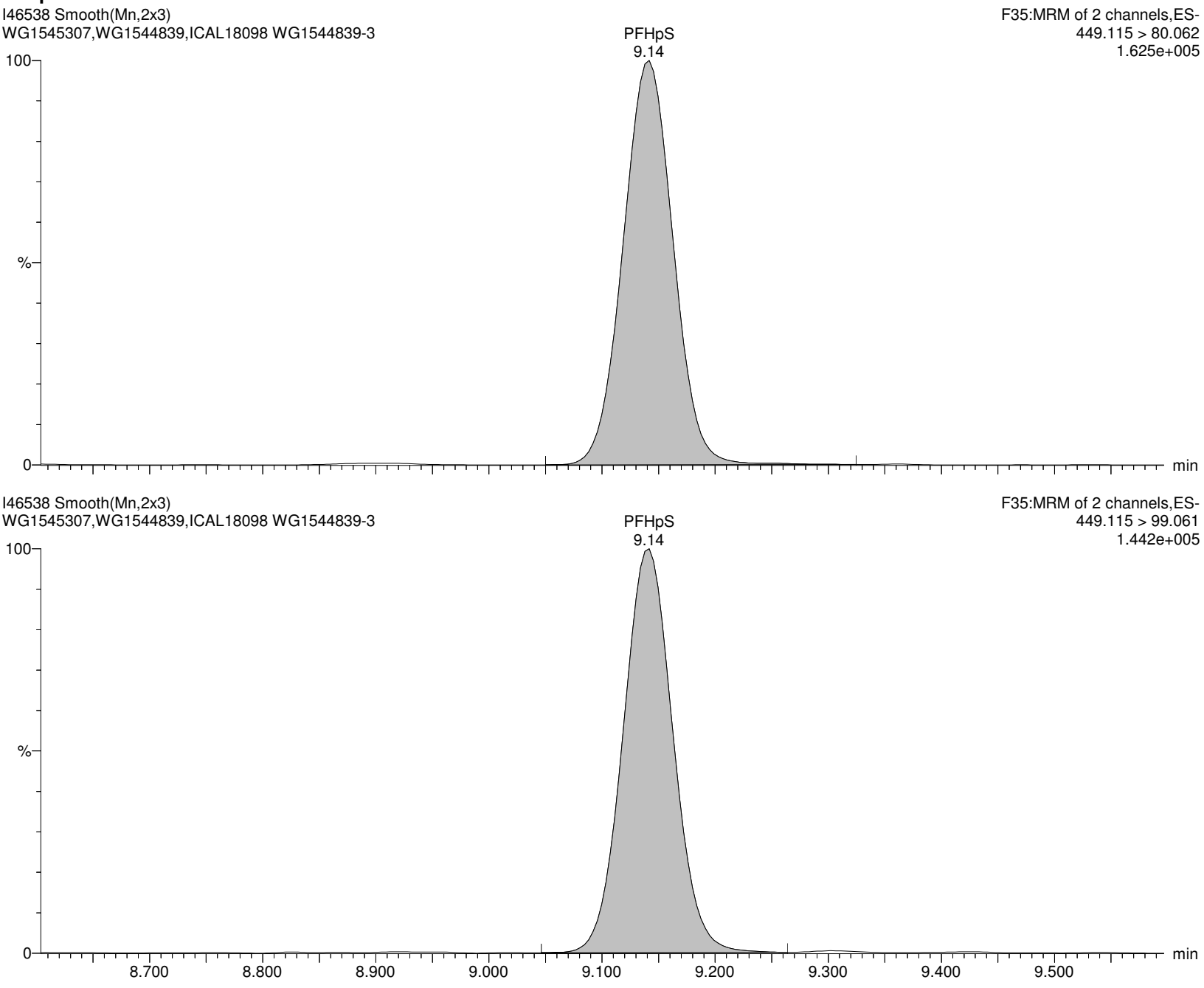


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:44 Eastern Daylight Time

Name: I46538
ID: WG1544839-3
Date: 11-Sep-2021
Time: 16:25:39
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpS

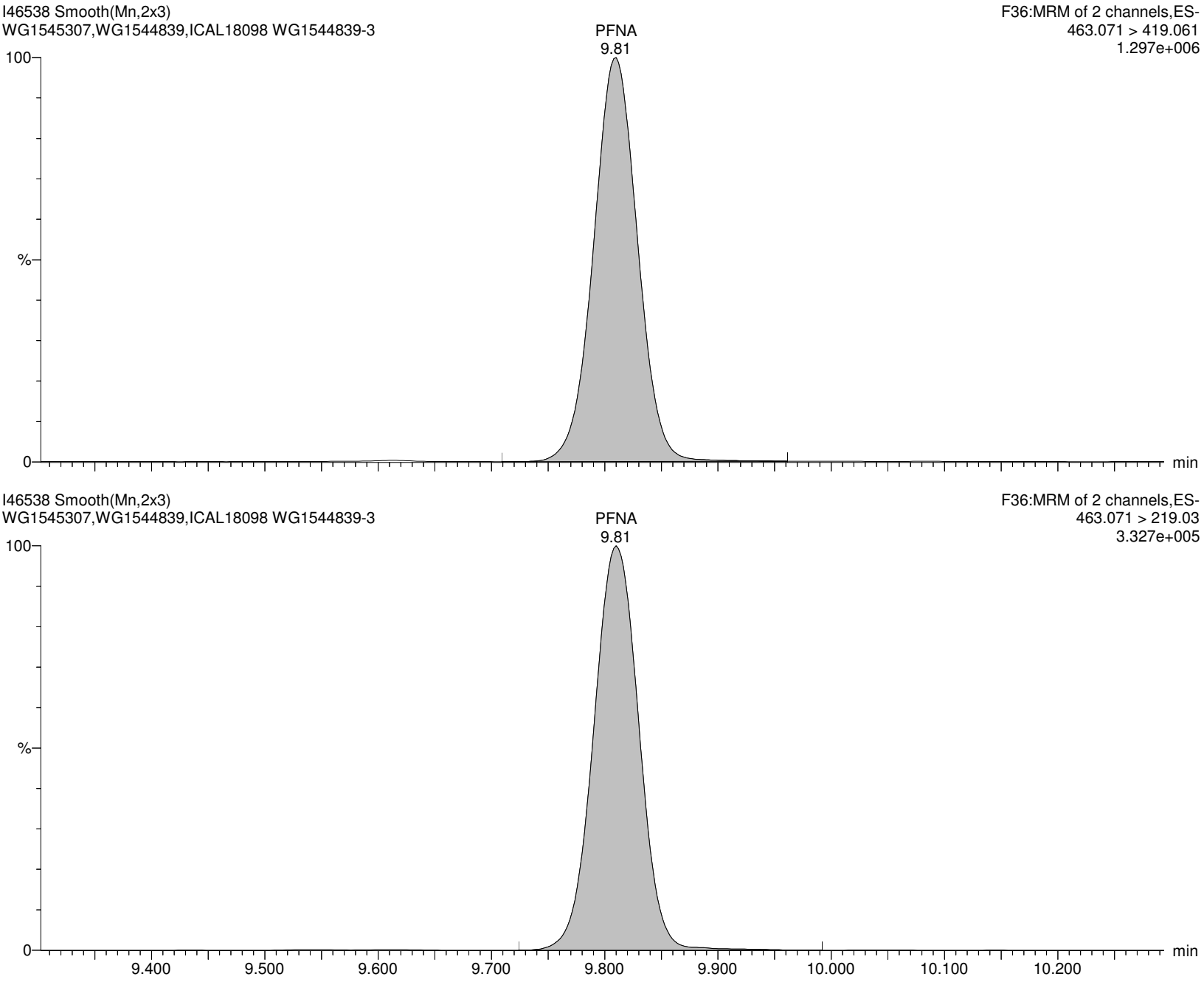


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:44 Eastern Daylight Time

Name: I46538
ID: WG1544839-3
Date: 11-Sep-2021
Time: 16:25:39
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNA

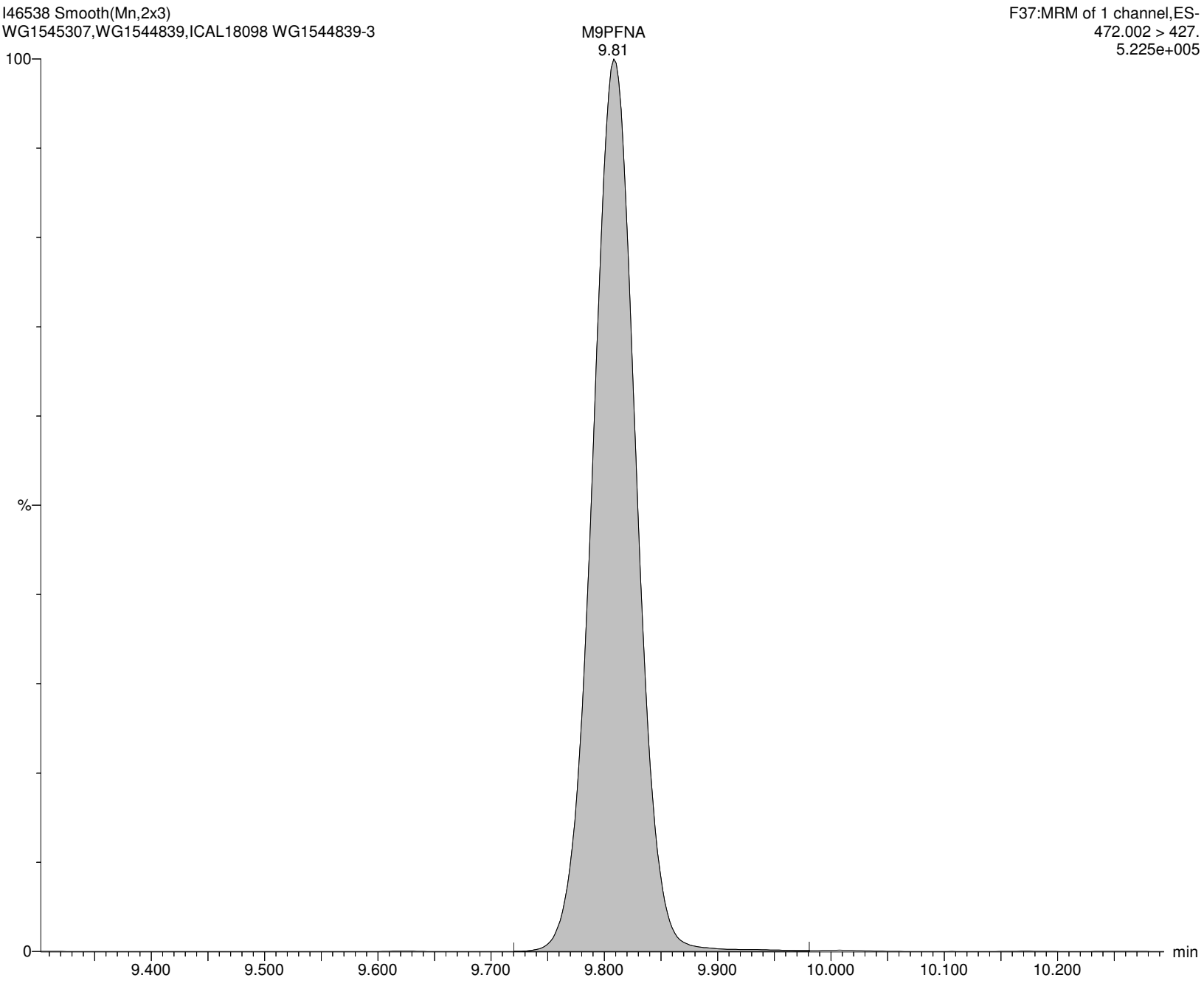


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:44 Eastern Daylight Time

Name: I46538
ID: WG1544839-3
Date: 11-Sep-2021
Time: 16:25:39
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M9PFNA

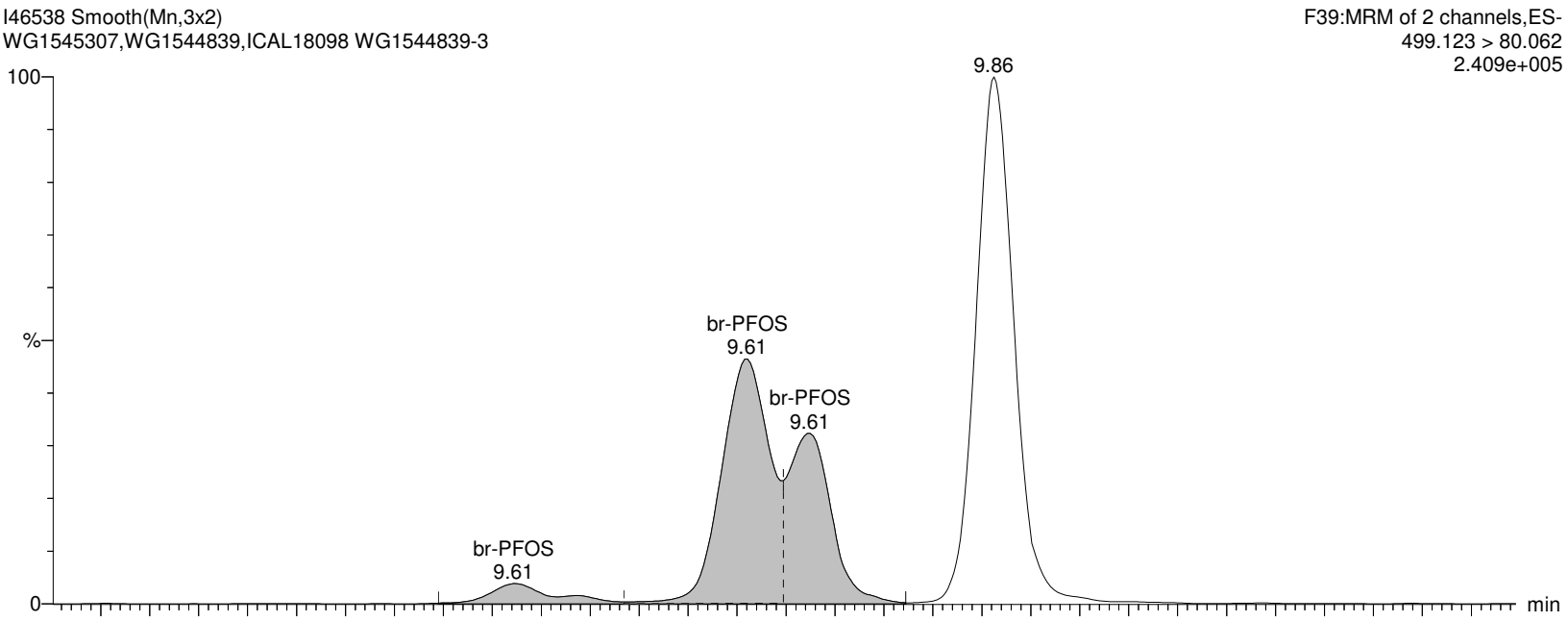


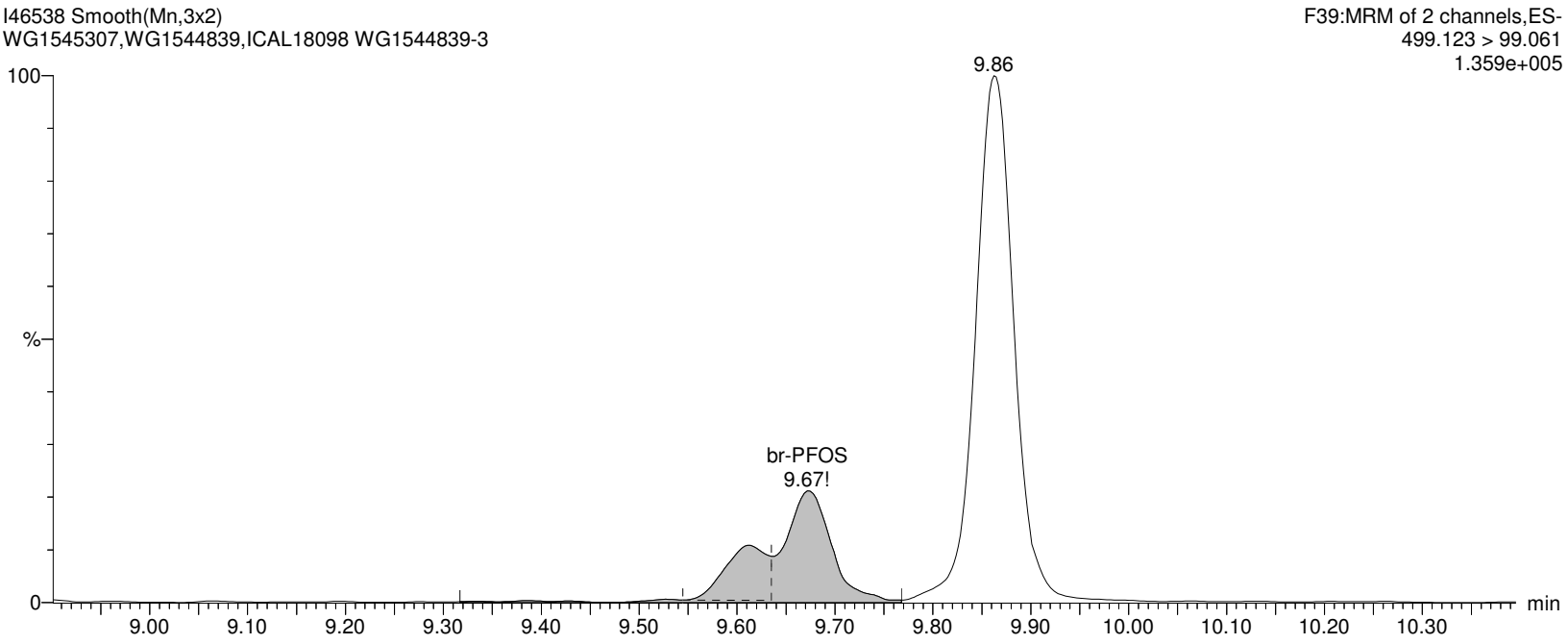
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:44 Eastern Daylight Time

Name: I46538
ID: WG1544839-3
Date: 11-Sep-2021
Time: 16:25:39
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOS



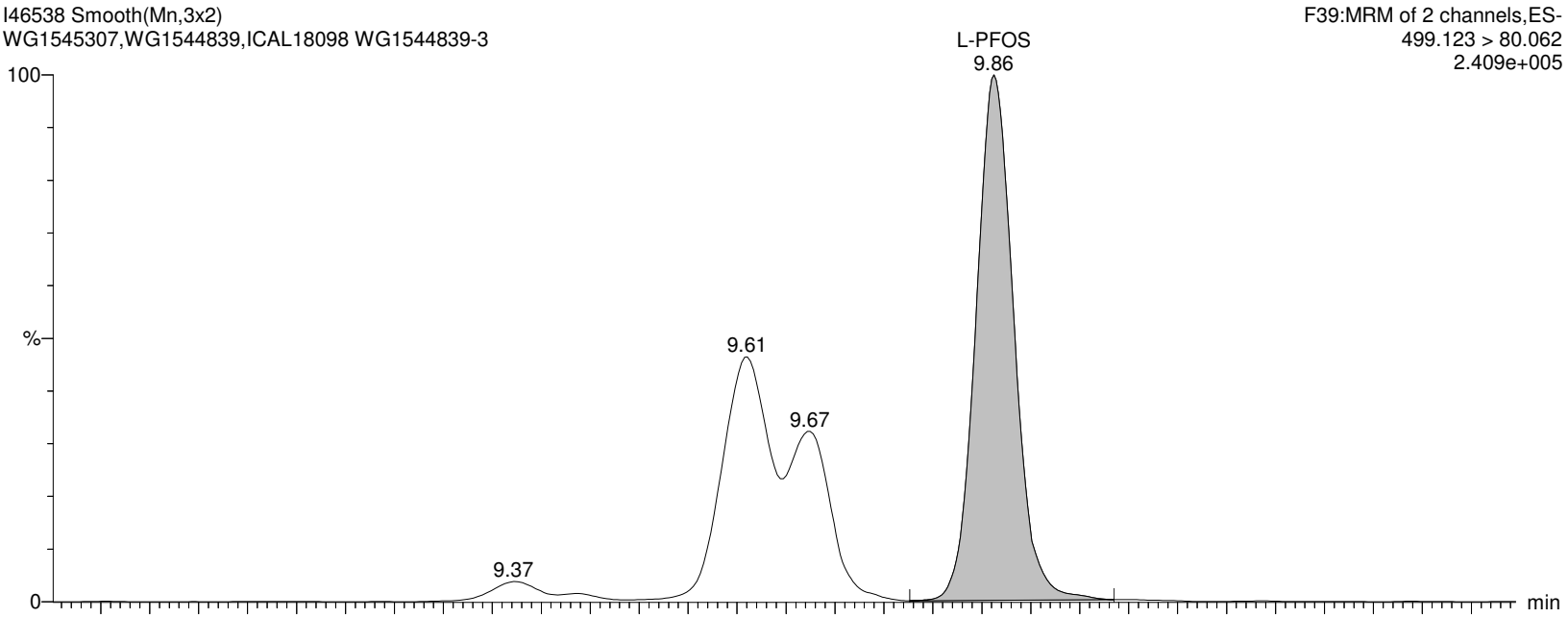


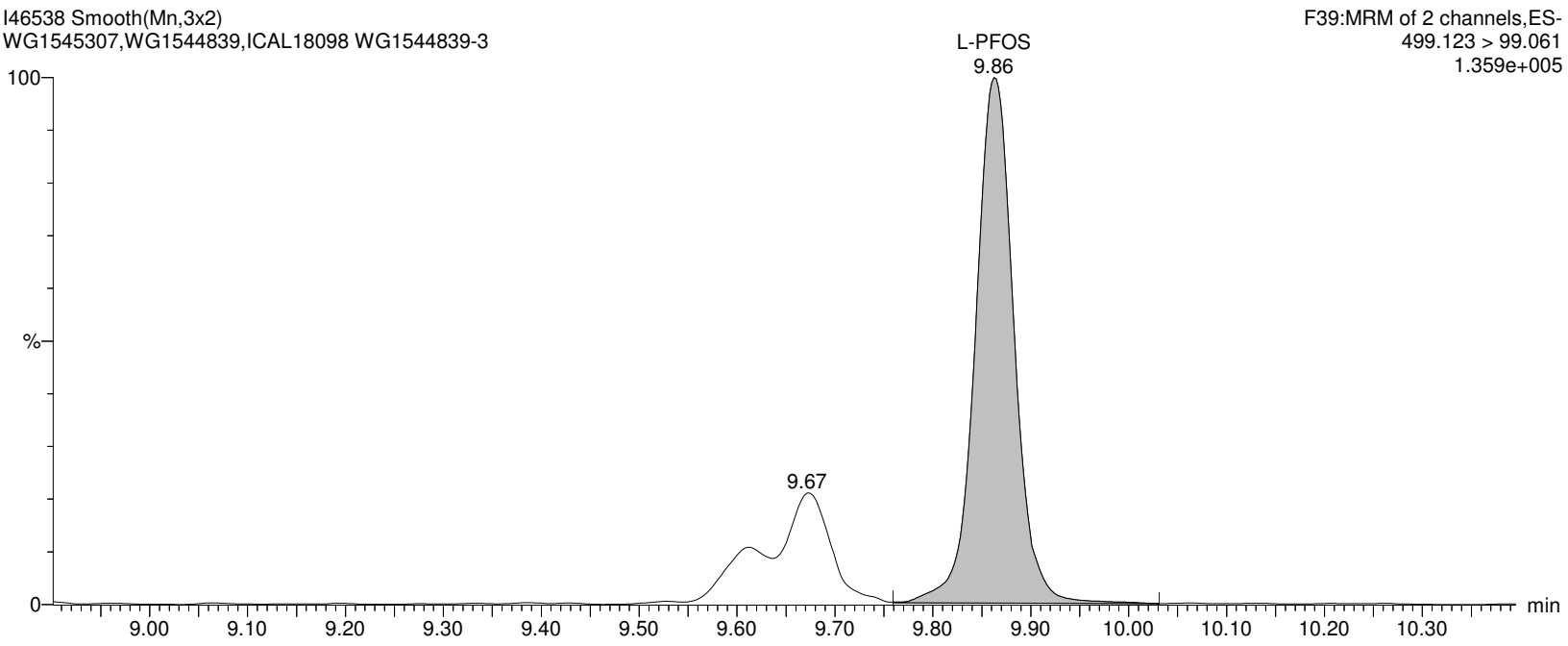
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:44 Eastern Daylight Time

Name: I46538
ID: WG1544839-3
Date: 11-Sep-2021
Time: 16:25:39
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOS



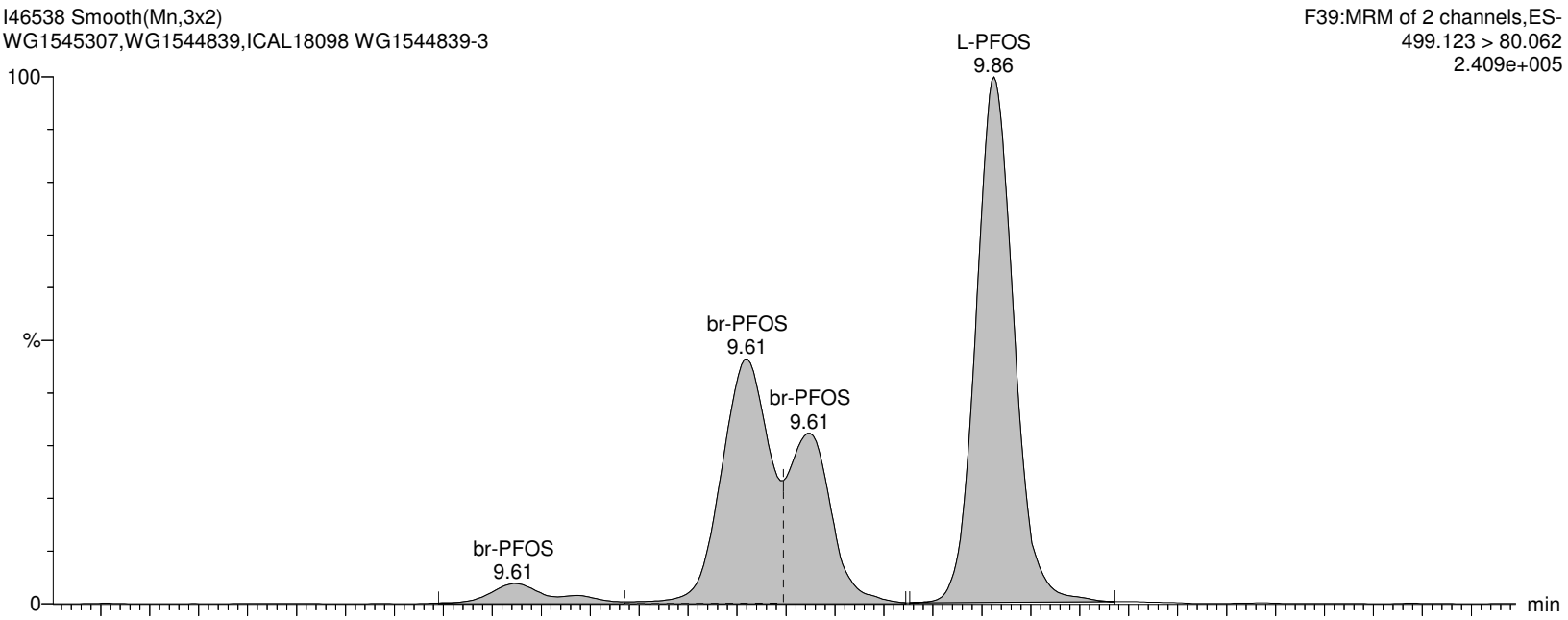


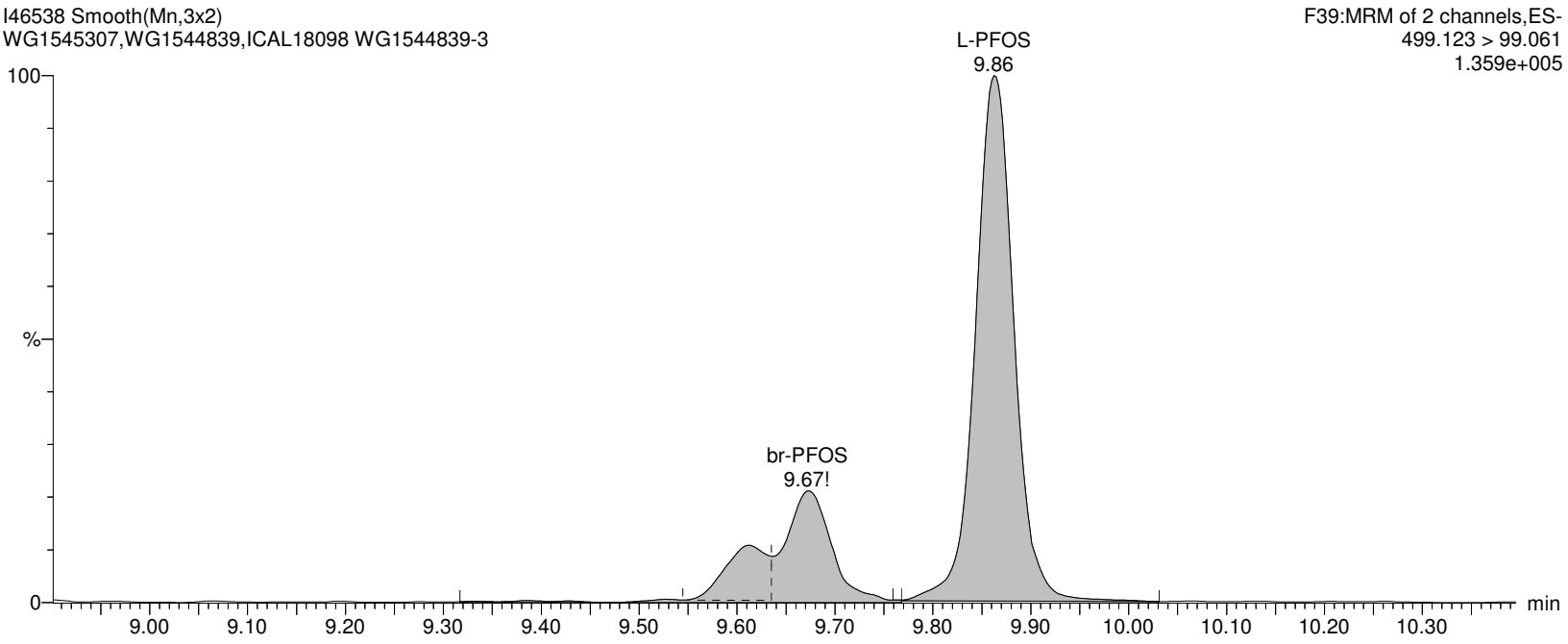
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:44 Eastern Daylight Time

Name: I46538
ID: WG1544839-3
Date: 11-Sep-2021
Time: 16:25:39
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOS



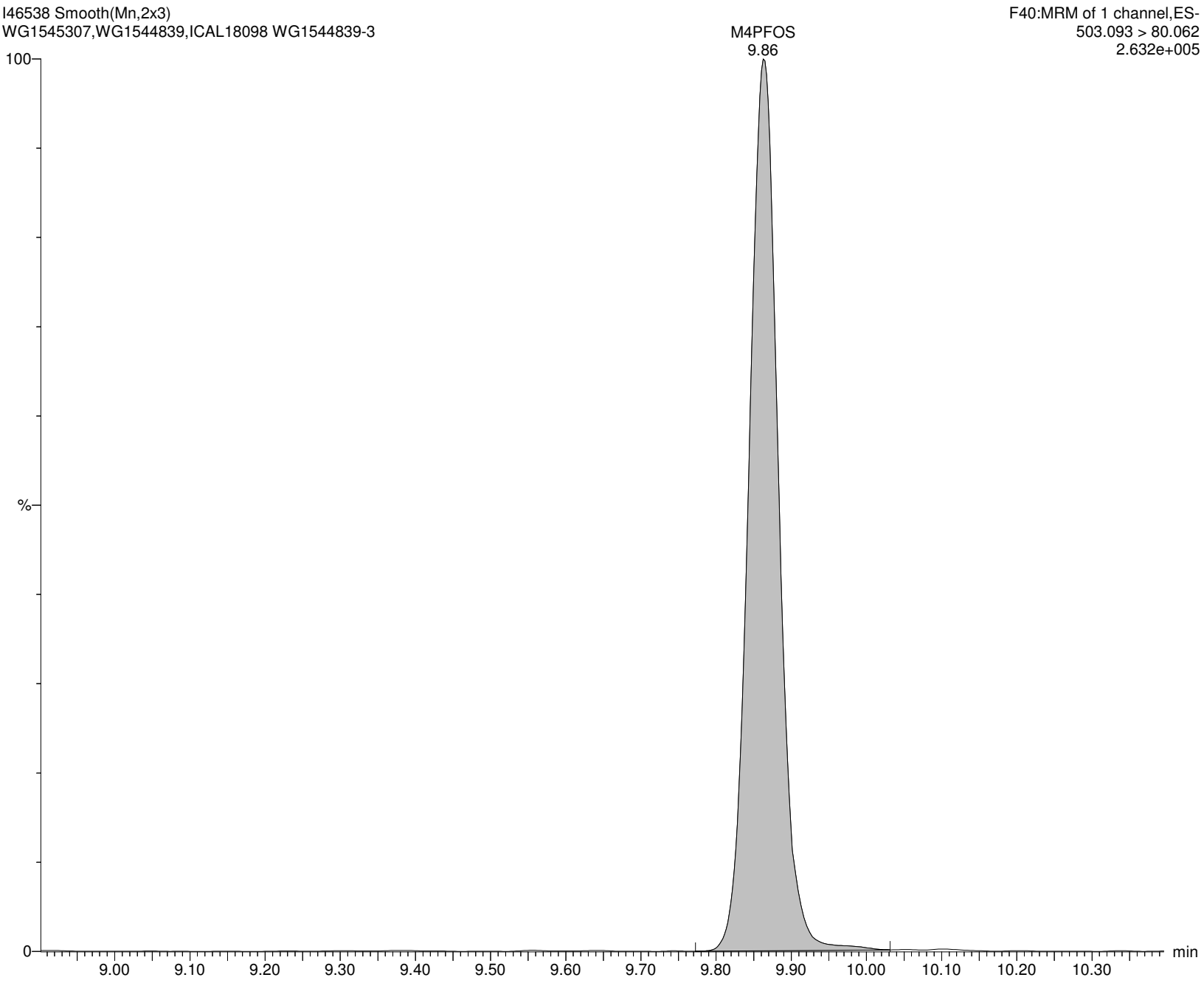


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:44 Eastern Daylight Time

Name: I46538
ID: WG1544839-3
Date: 11-Sep-2021
Time: 16:25:39
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOS

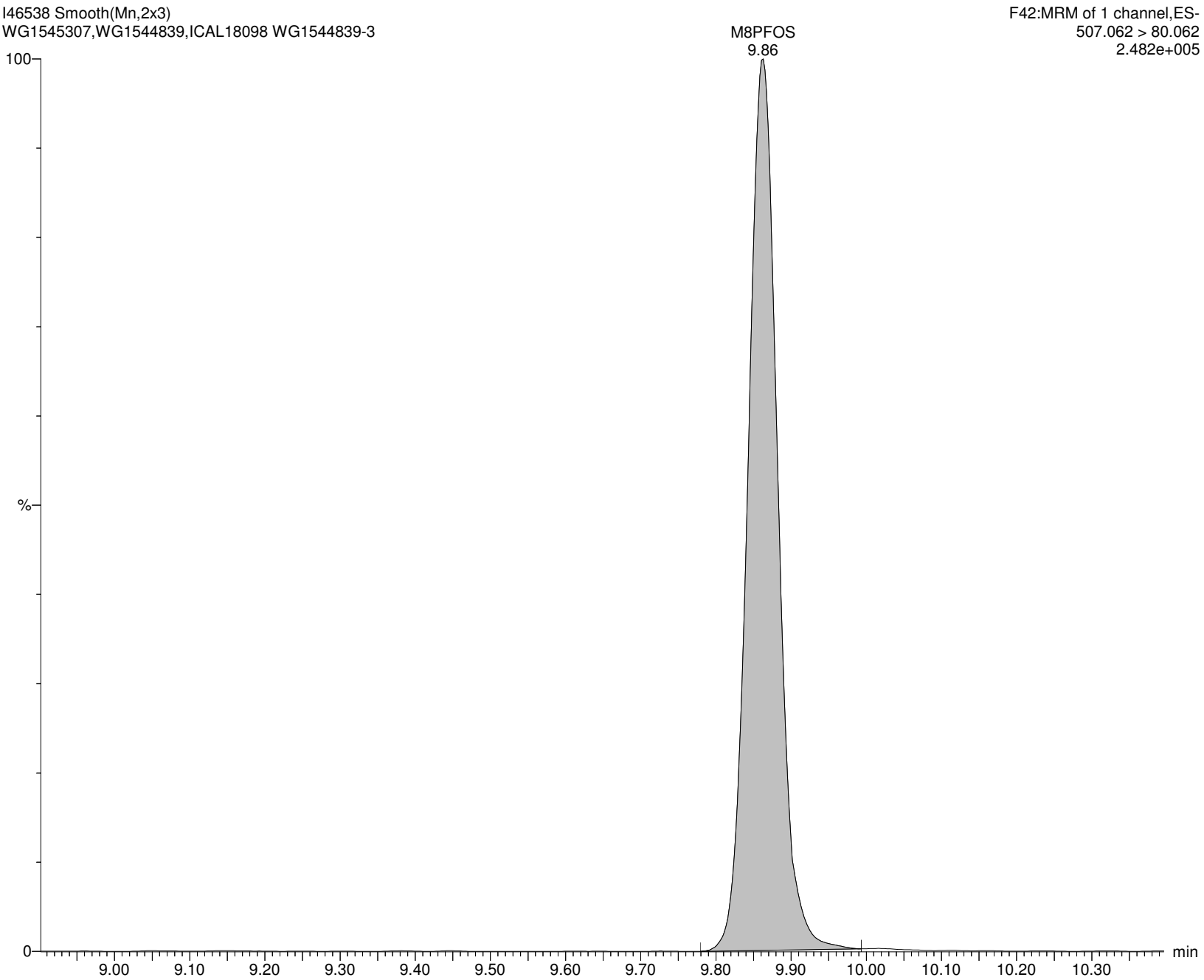


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:44 Eastern Daylight Time

Name: I46538
ID: WG1544839-3
Date: 11-Sep-2021
Time: 16:25:39
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOS

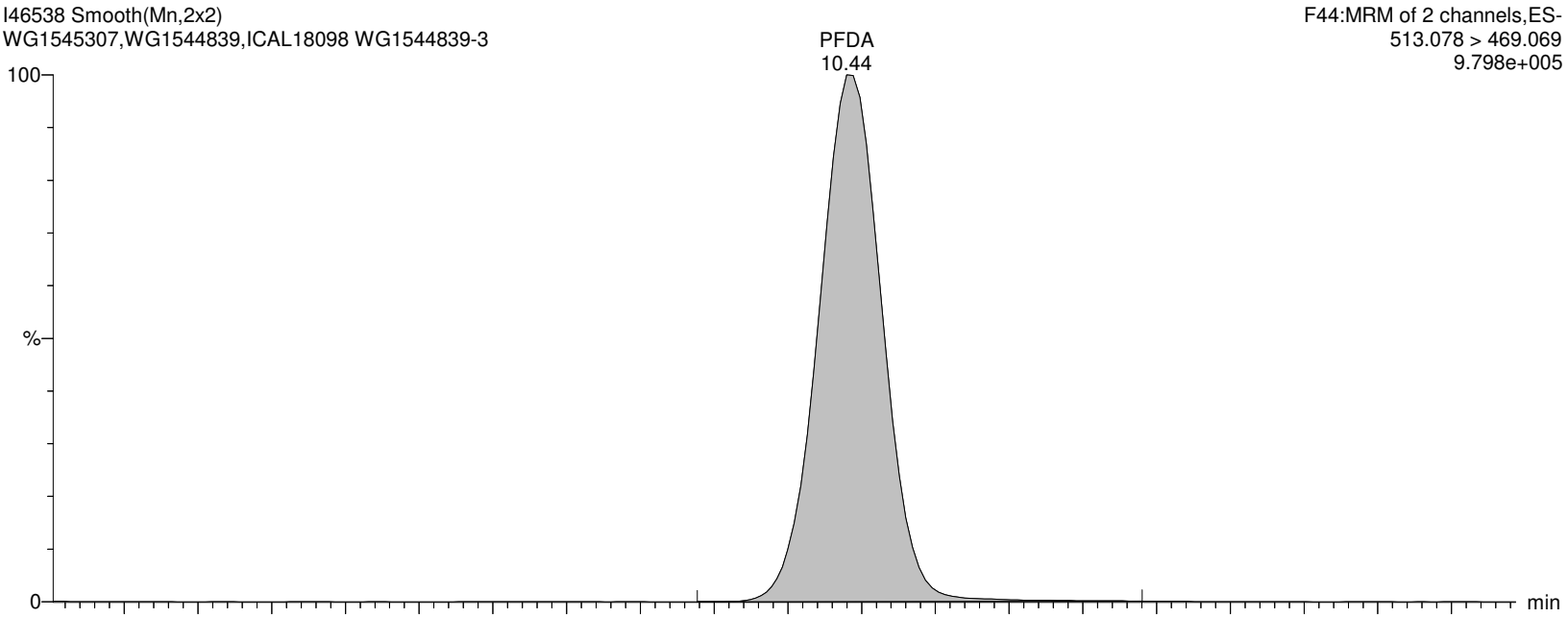


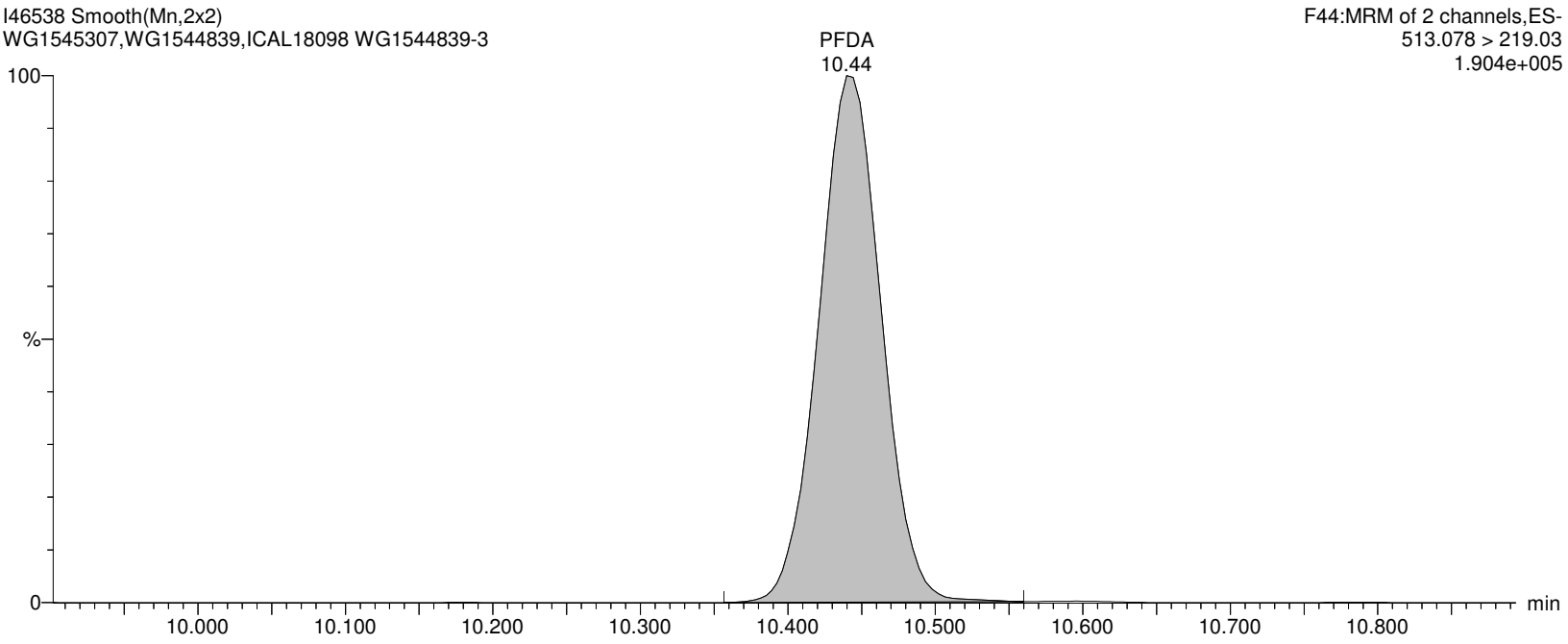
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:44 Eastern Daylight Time

Name: I46538
ID: WG1544839-3
Date: 11-Sep-2021
Time: 16:25:39
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDA



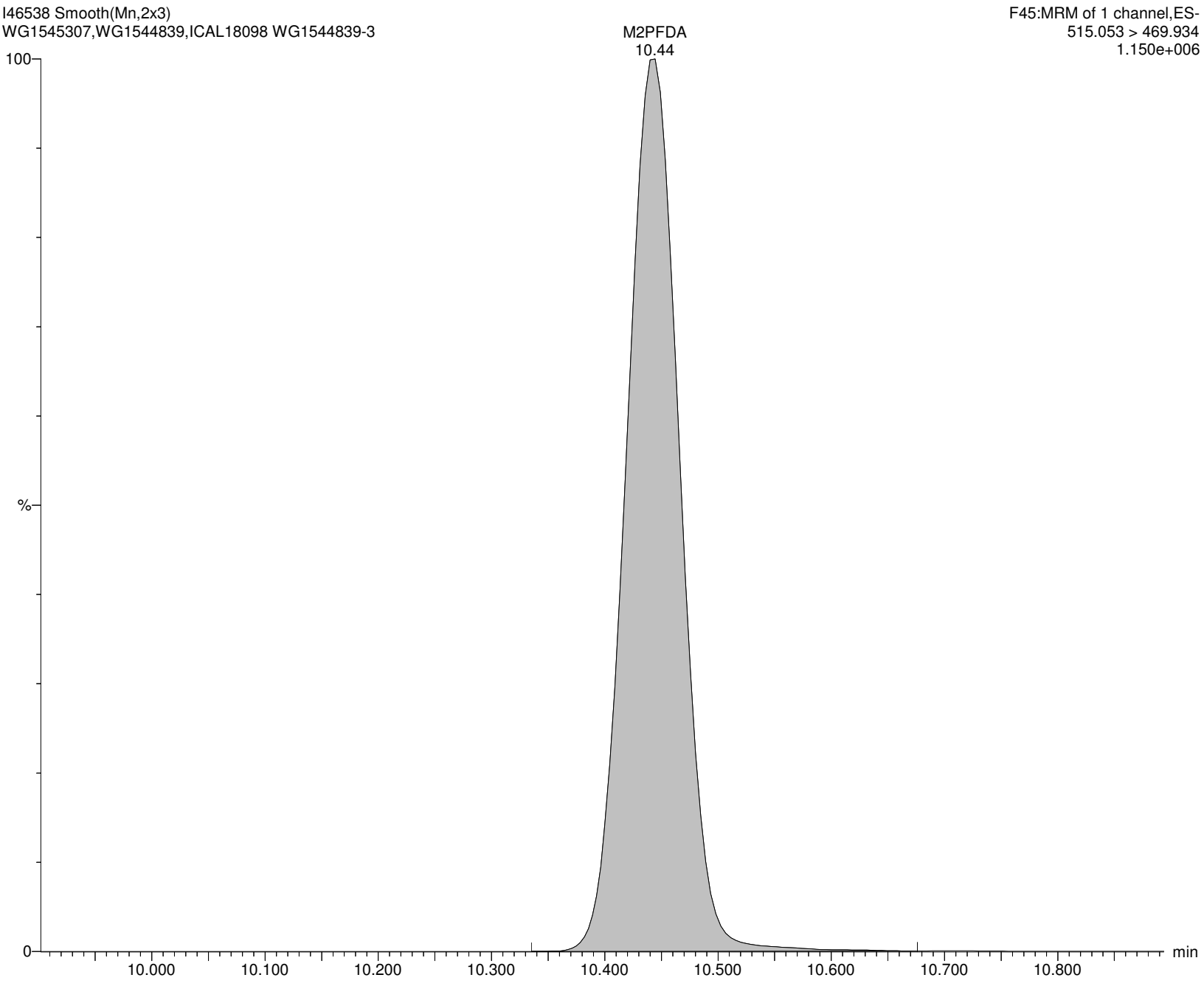


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:44 Eastern Daylight Time

Name: I46538
ID: WG1544839-3
Date: 11-Sep-2021
Time: 16:25:39
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFDA

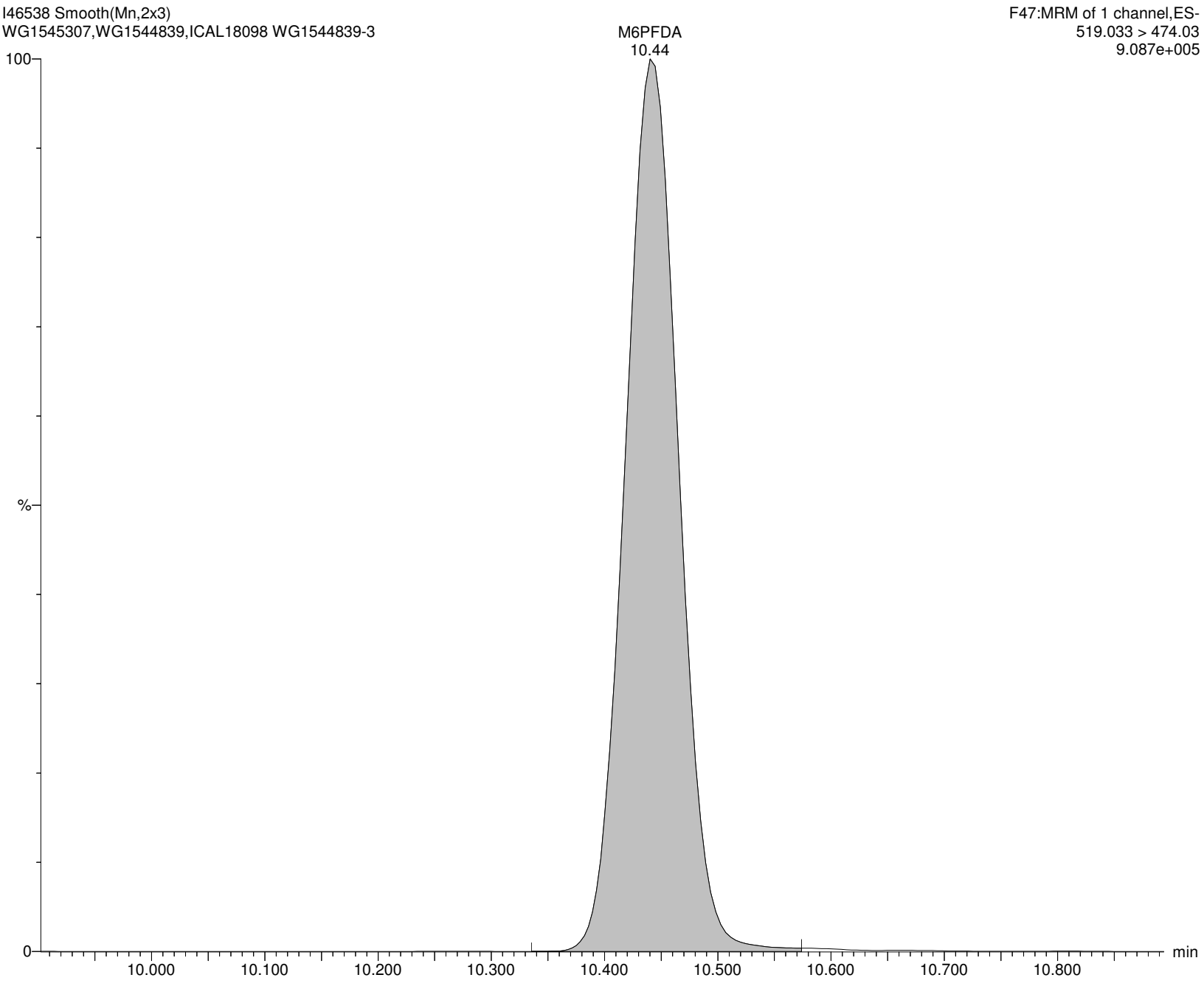


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:44 Eastern Daylight Time

Name: I46538
ID: WG1544839-3
Date: 11-Sep-2021
Time: 16:25:39
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M6PFDA

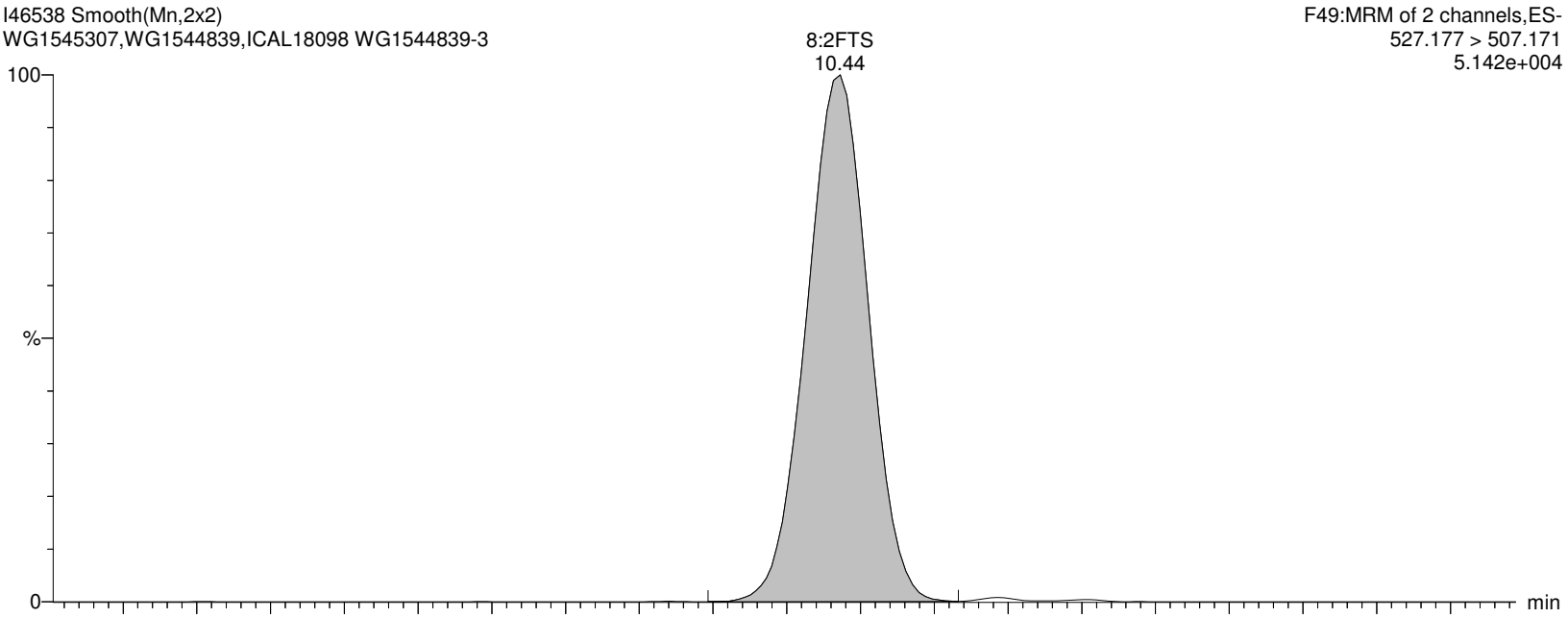


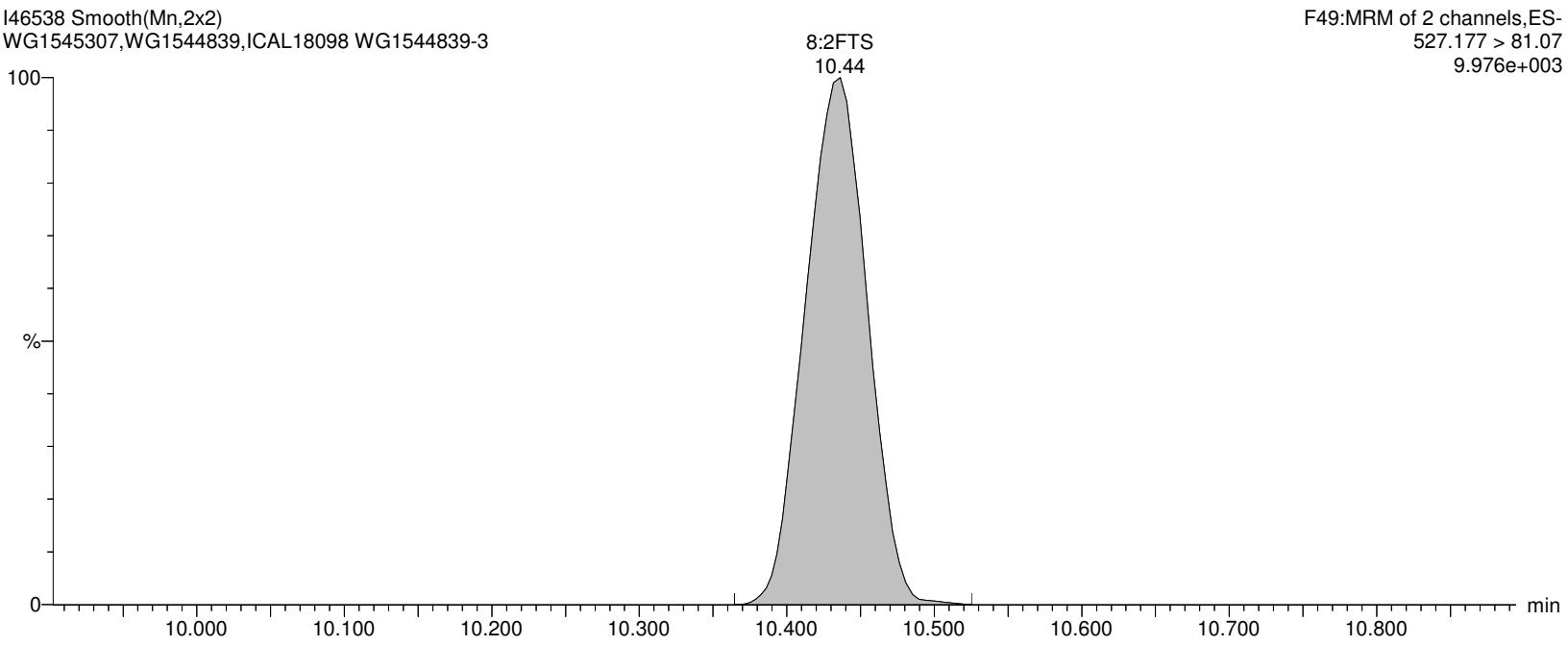
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:44 Eastern Daylight Time

Name: I46538
ID: WG1544839-3
Date: 11-Sep-2021
Time: 16:25:39
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

8:2FTS



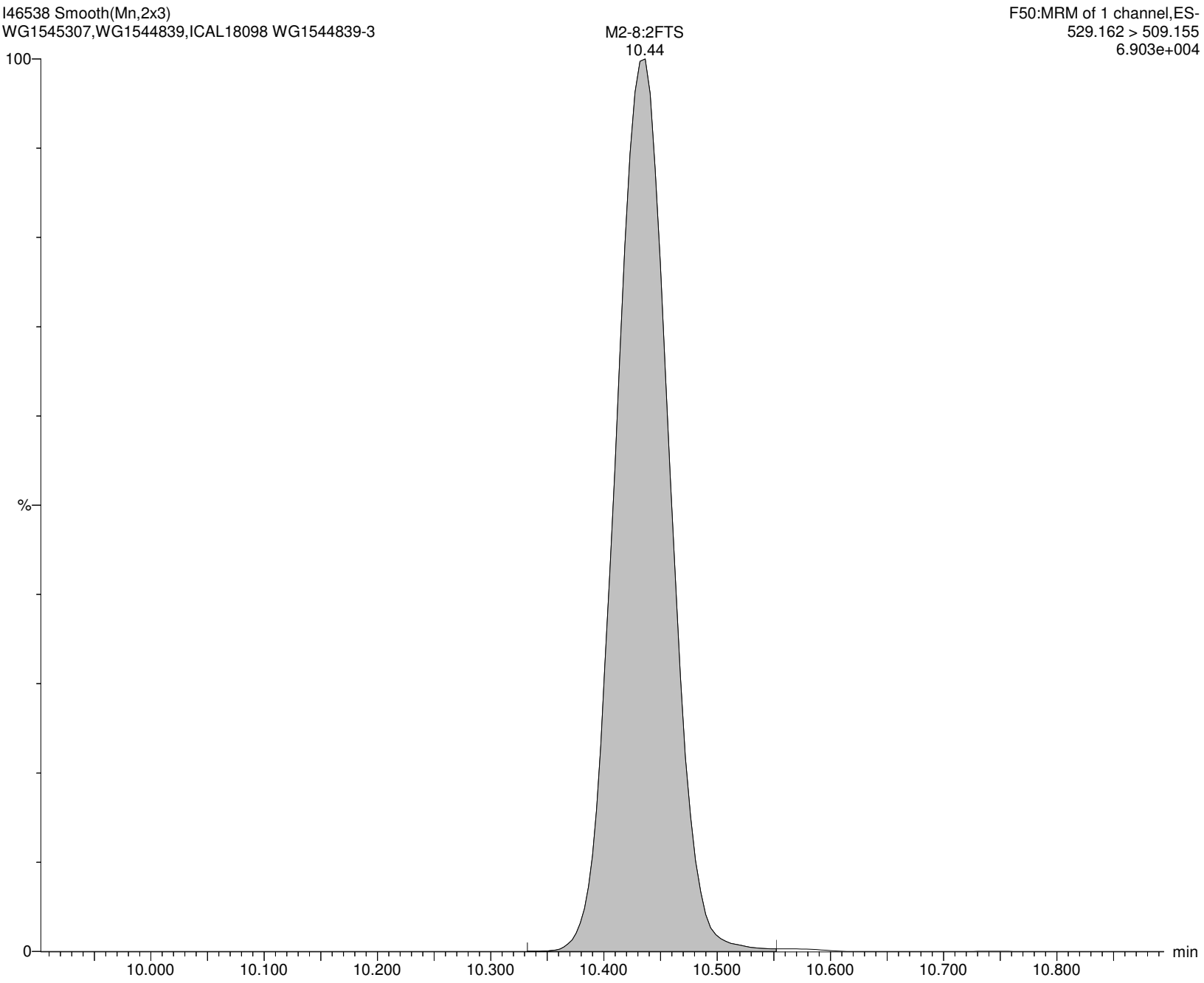


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:44 Eastern Daylight Time

Name: I46538
ID: WG1544839-3
Date: 11-Sep-2021
Time: 16:25:39
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-8:2FTS

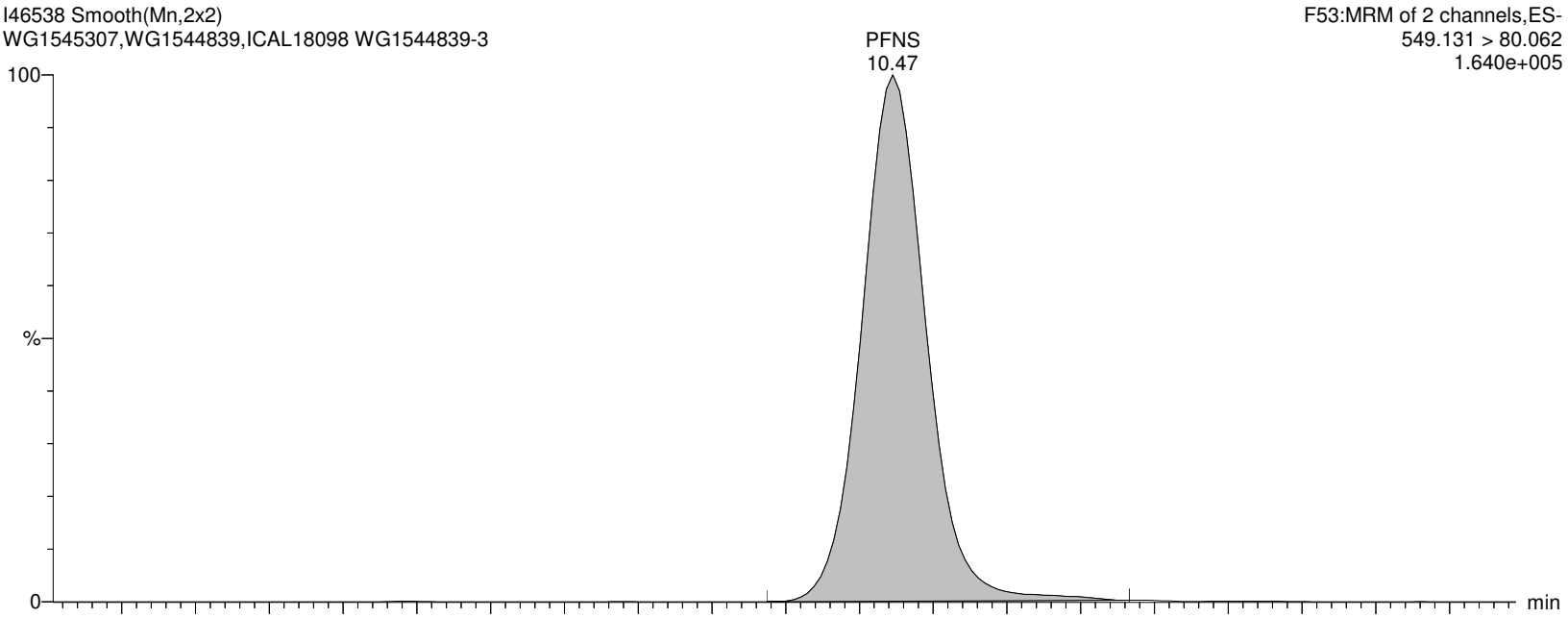


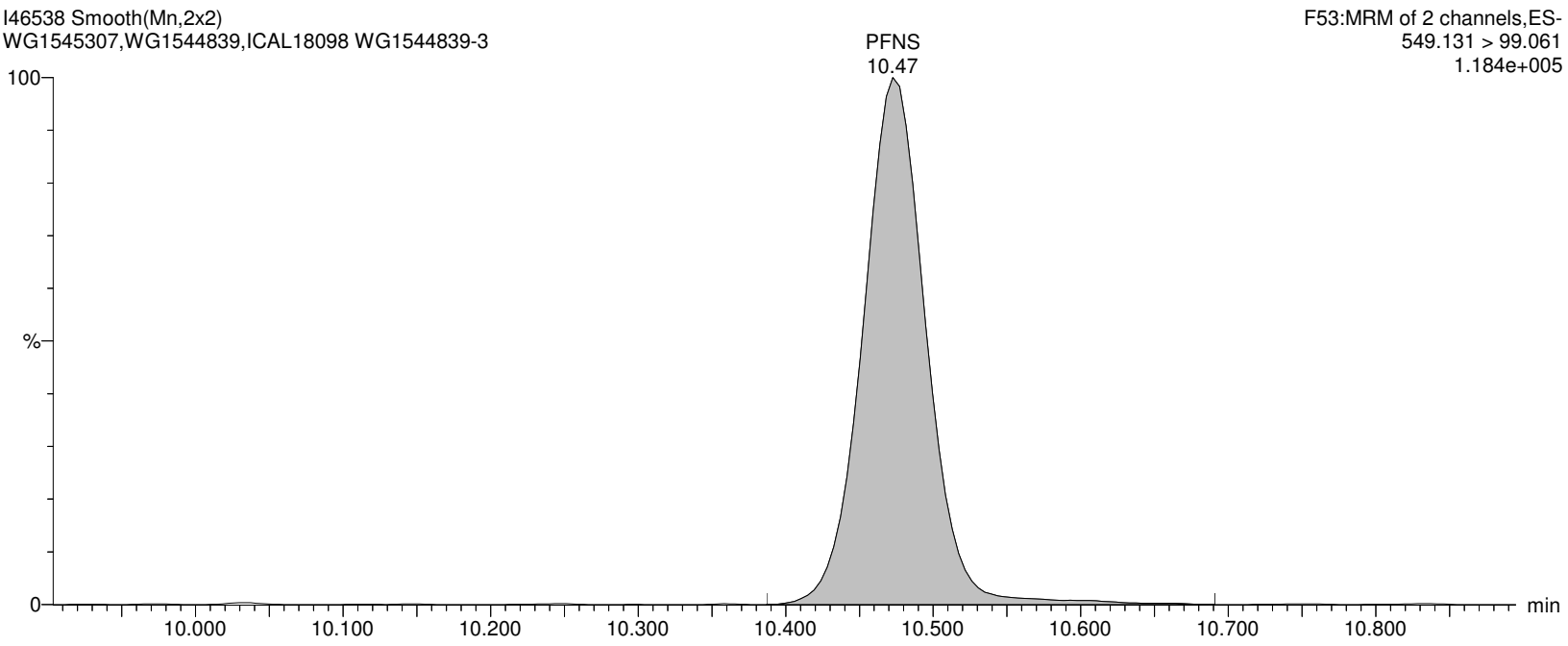
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:44 Eastern Daylight Time

Name: I46538
ID: WG1544839-3
Date: 11-Sep-2021
Time: 16:25:39
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNS



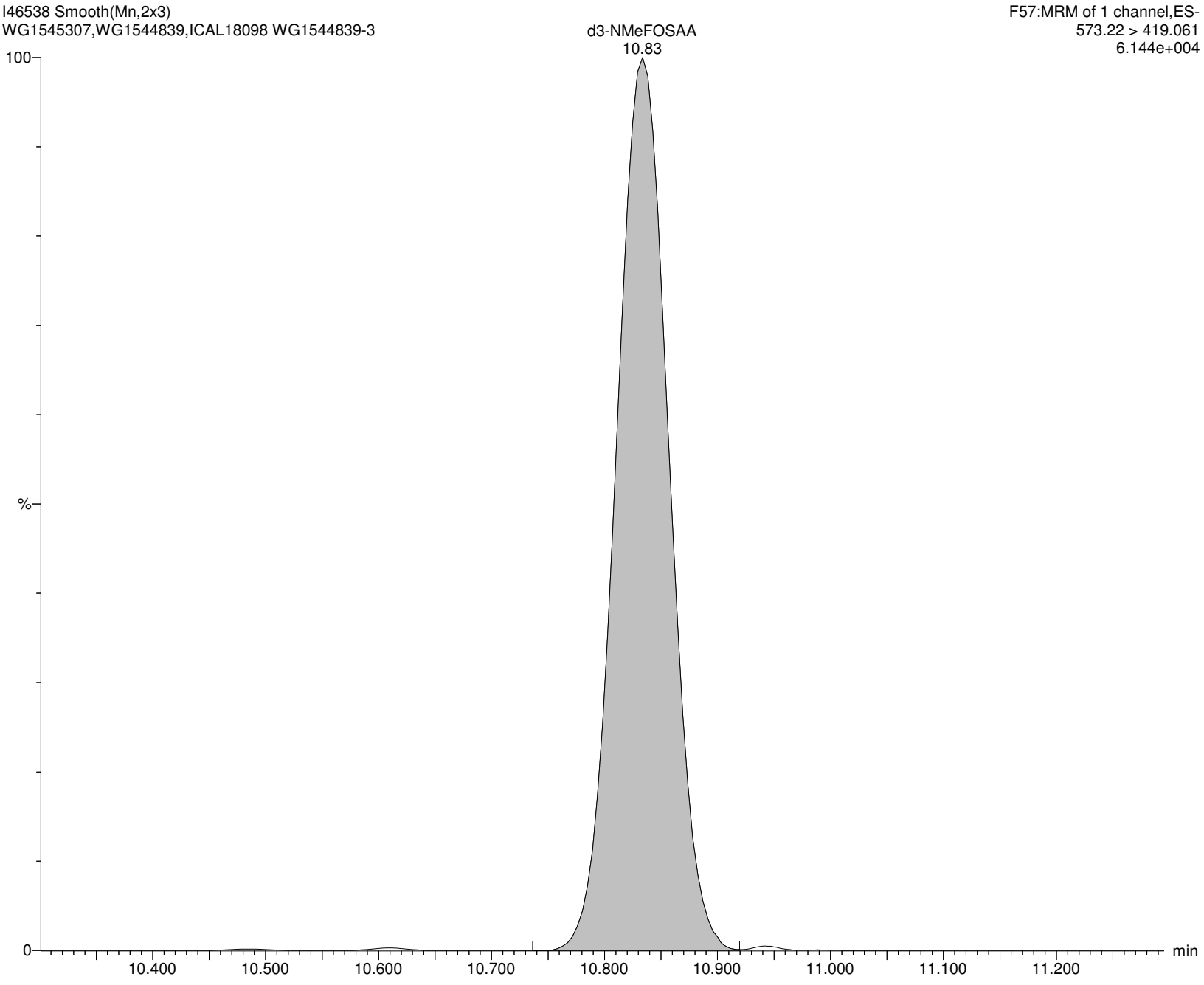


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:44 Eastern Daylight Time

Name: I46538
ID: WG1544839-3
Date: 11-Sep-2021
Time: 16:25:39
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSAA

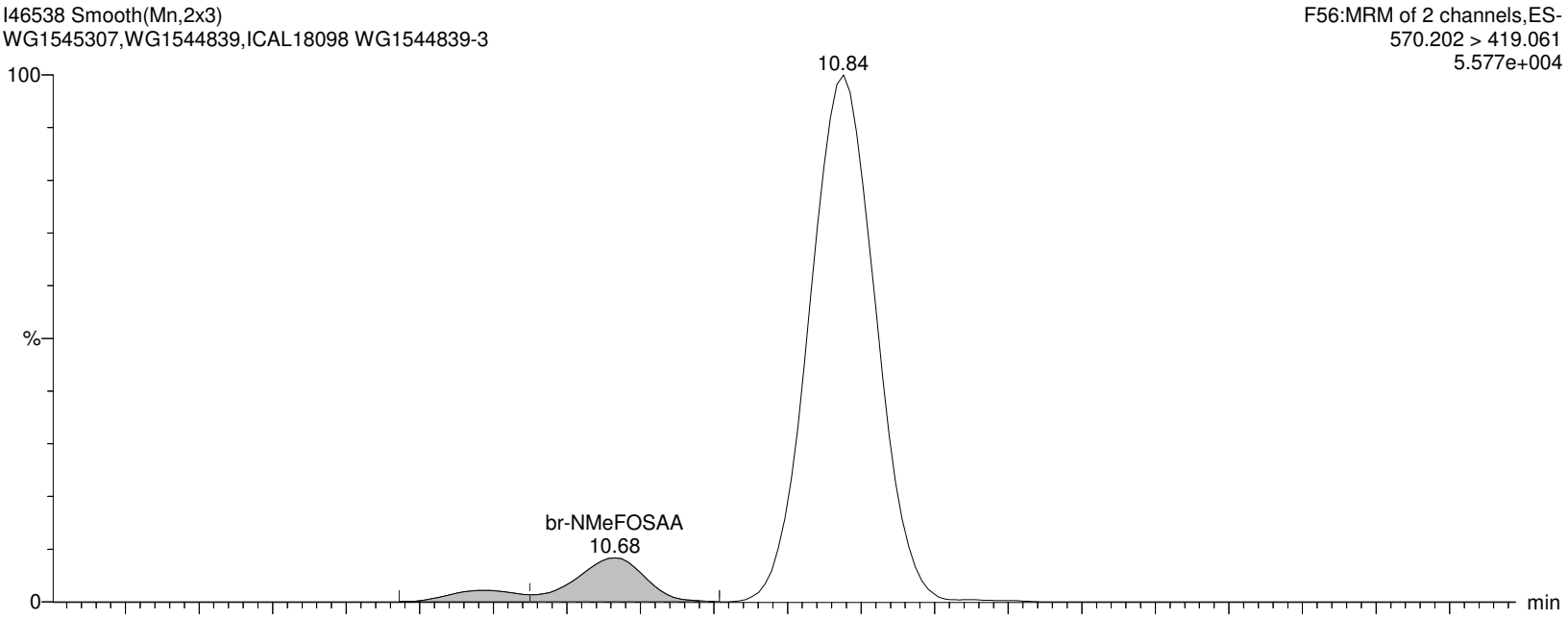


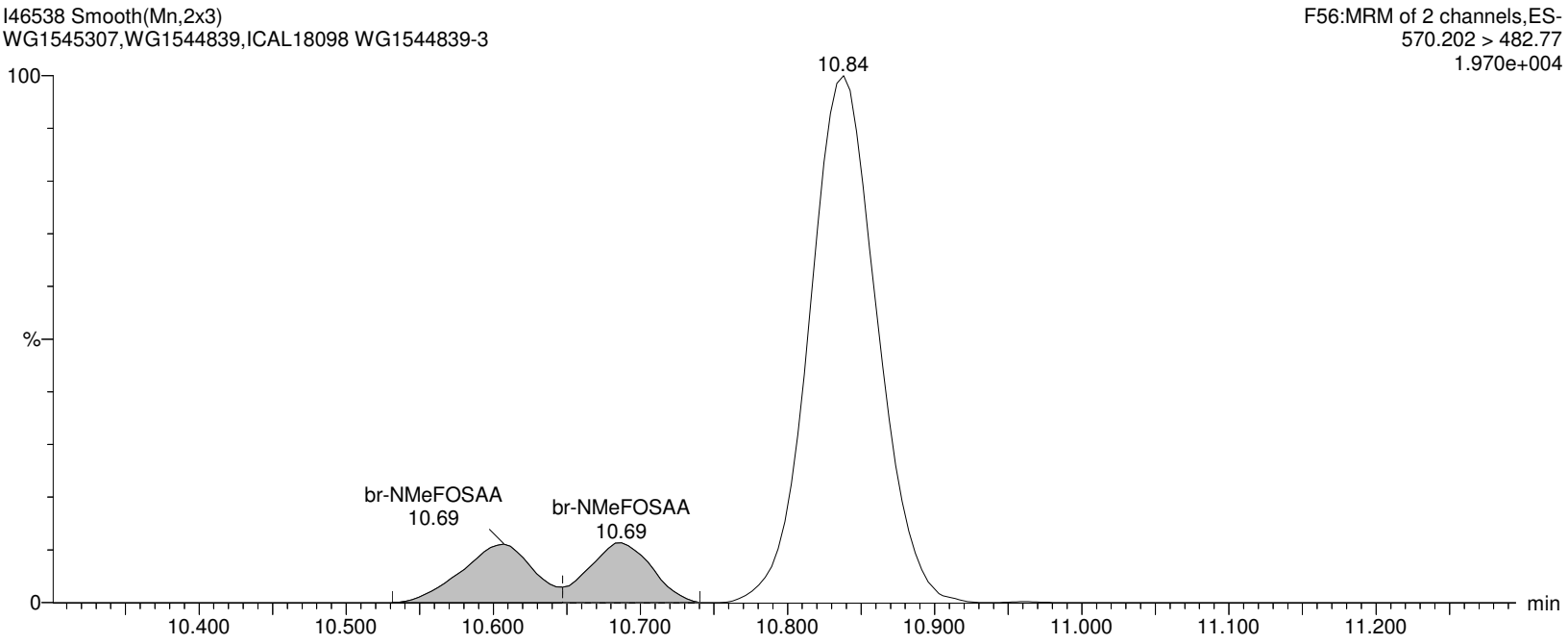
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:44 Eastern Daylight Time

Name: I46538
ID: WG1544839-3
Date: 11-Sep-2021
Time: 16:25:39
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NMeFOSAA



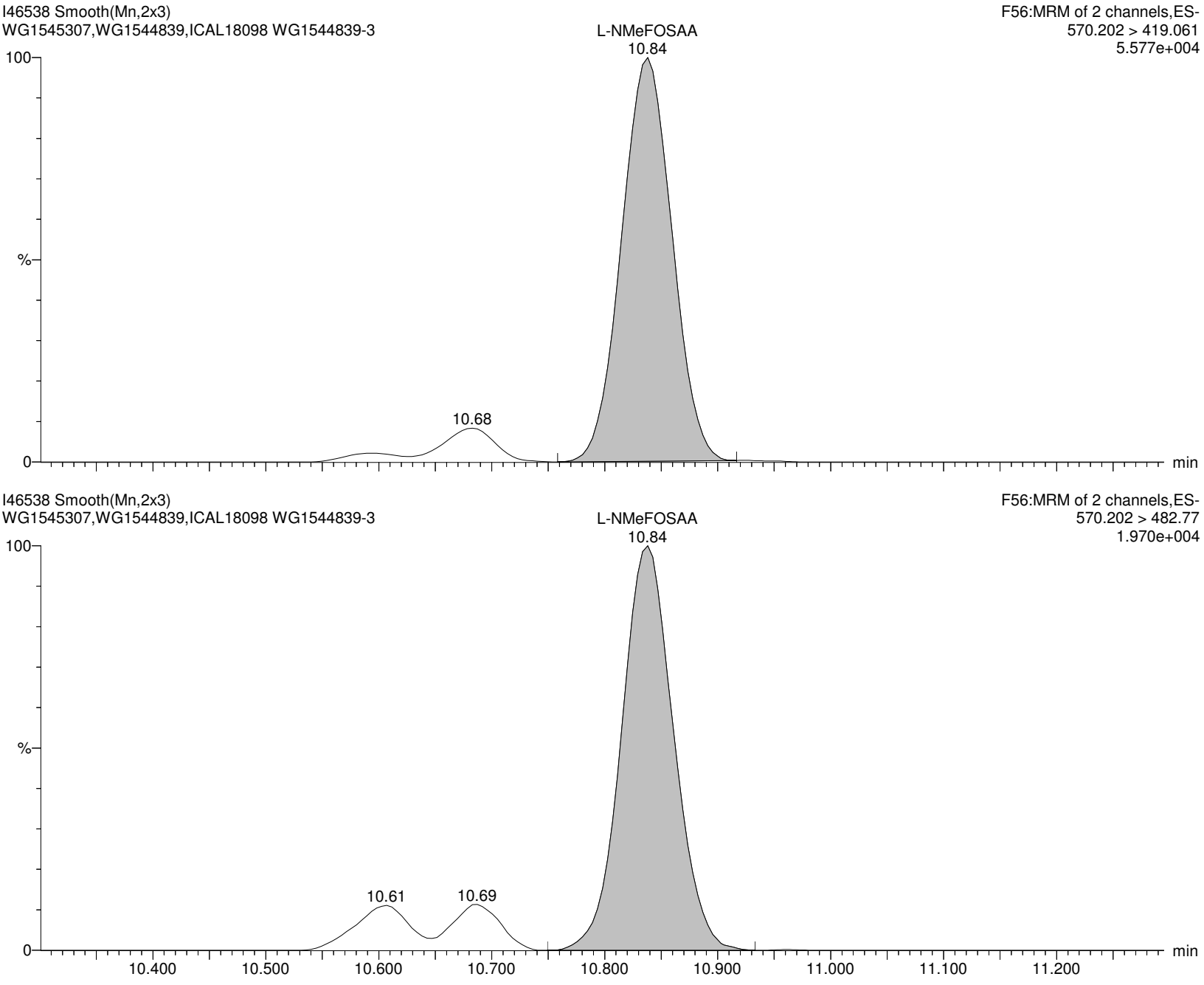


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:44 Eastern Daylight Time

Name: I46538
ID: WG1544839-3
Date: 11-Sep-2021
Time: 16:25:39
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NMeFOSAA

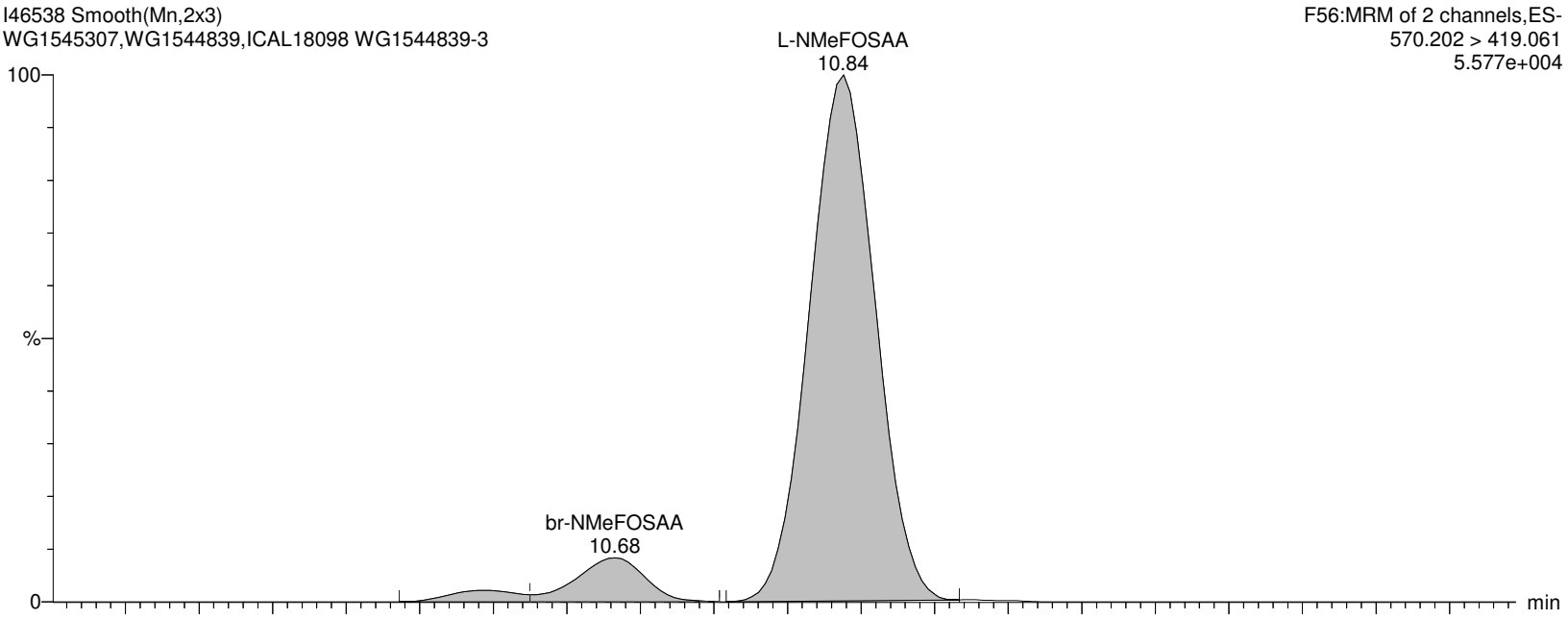


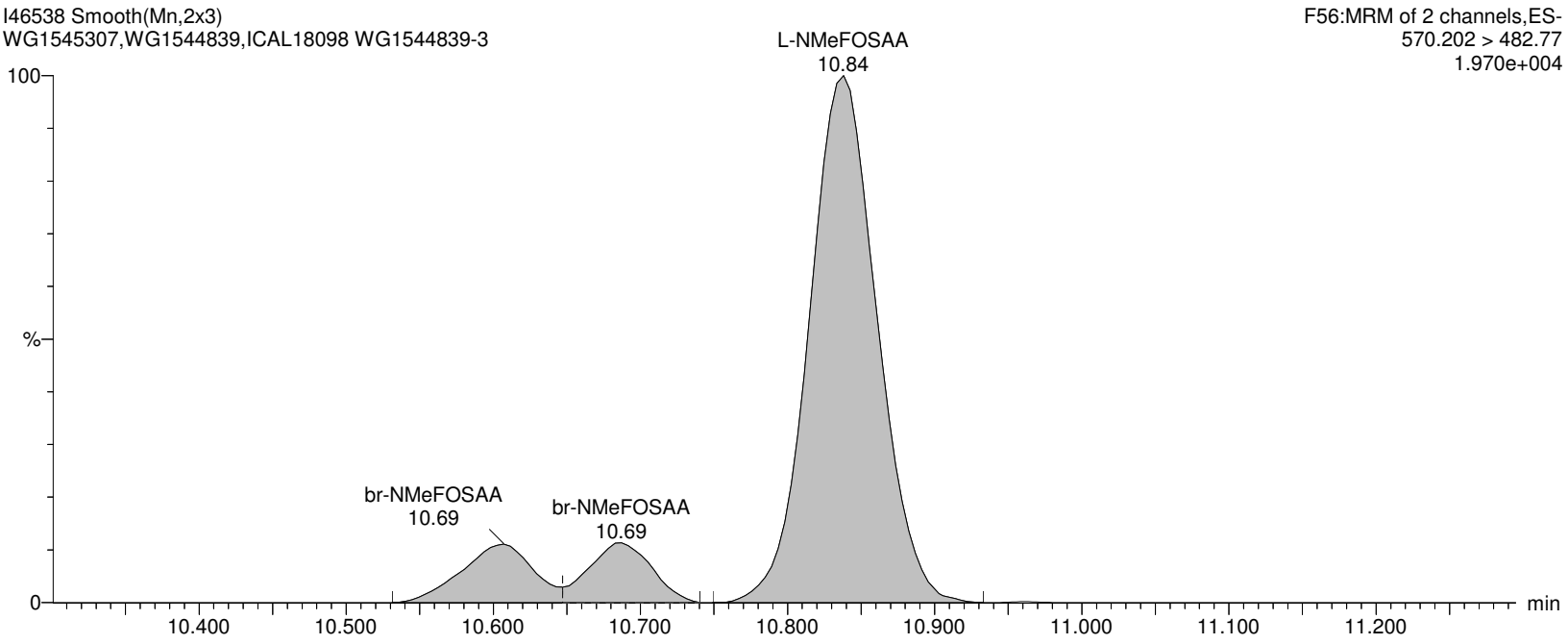
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:44 Eastern Daylight Time

Name: I46538
ID: WG1544839-3
Date: 11-Sep-2021
Time: 16:25:39
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSAA



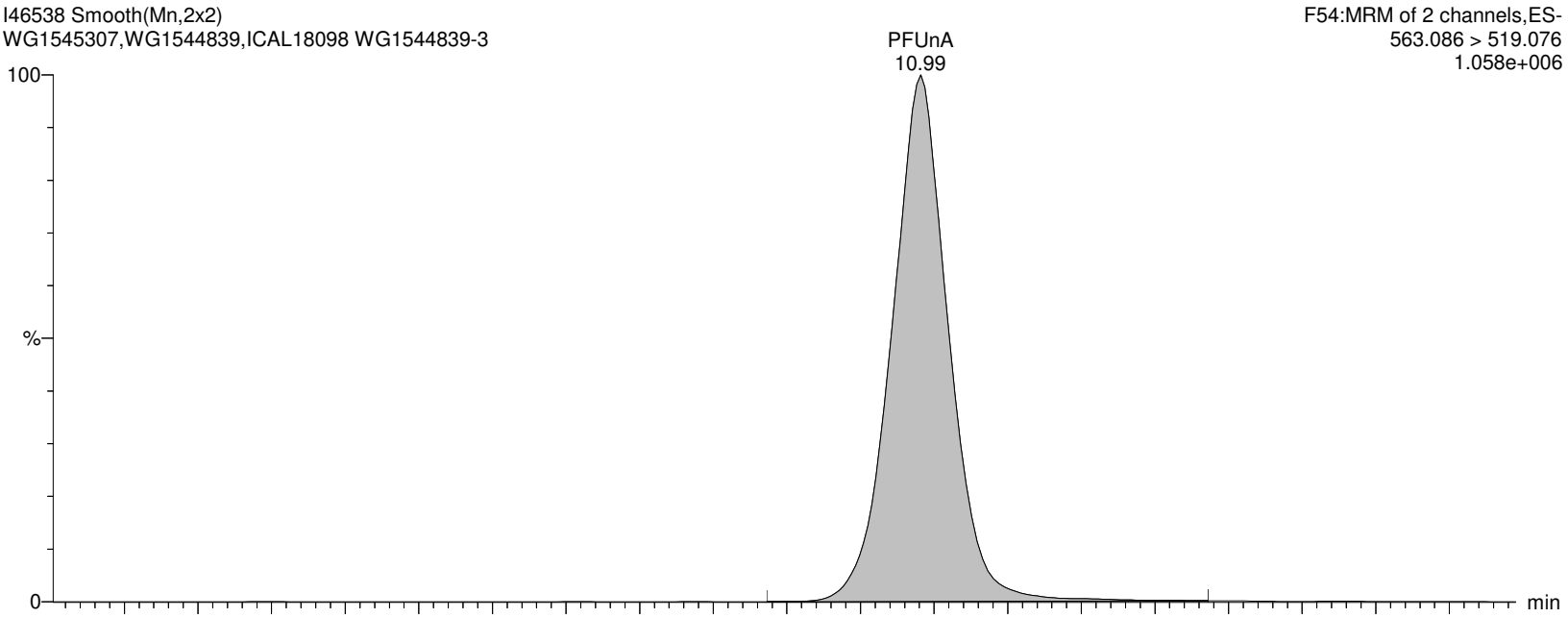


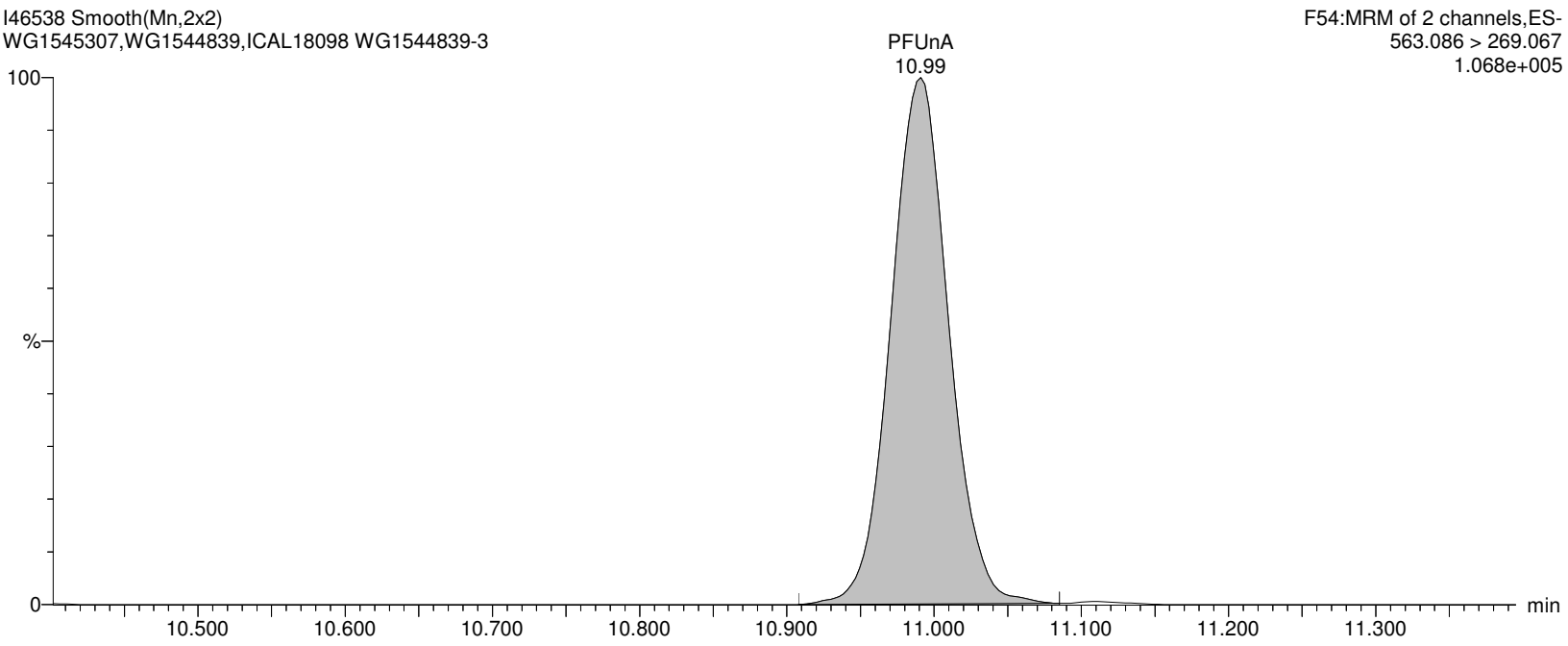
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:44 Eastern Daylight Time

Name: I46538
ID: WG1544839-3
Date: 11-Sep-2021
Time: 16:25:39
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFUnA



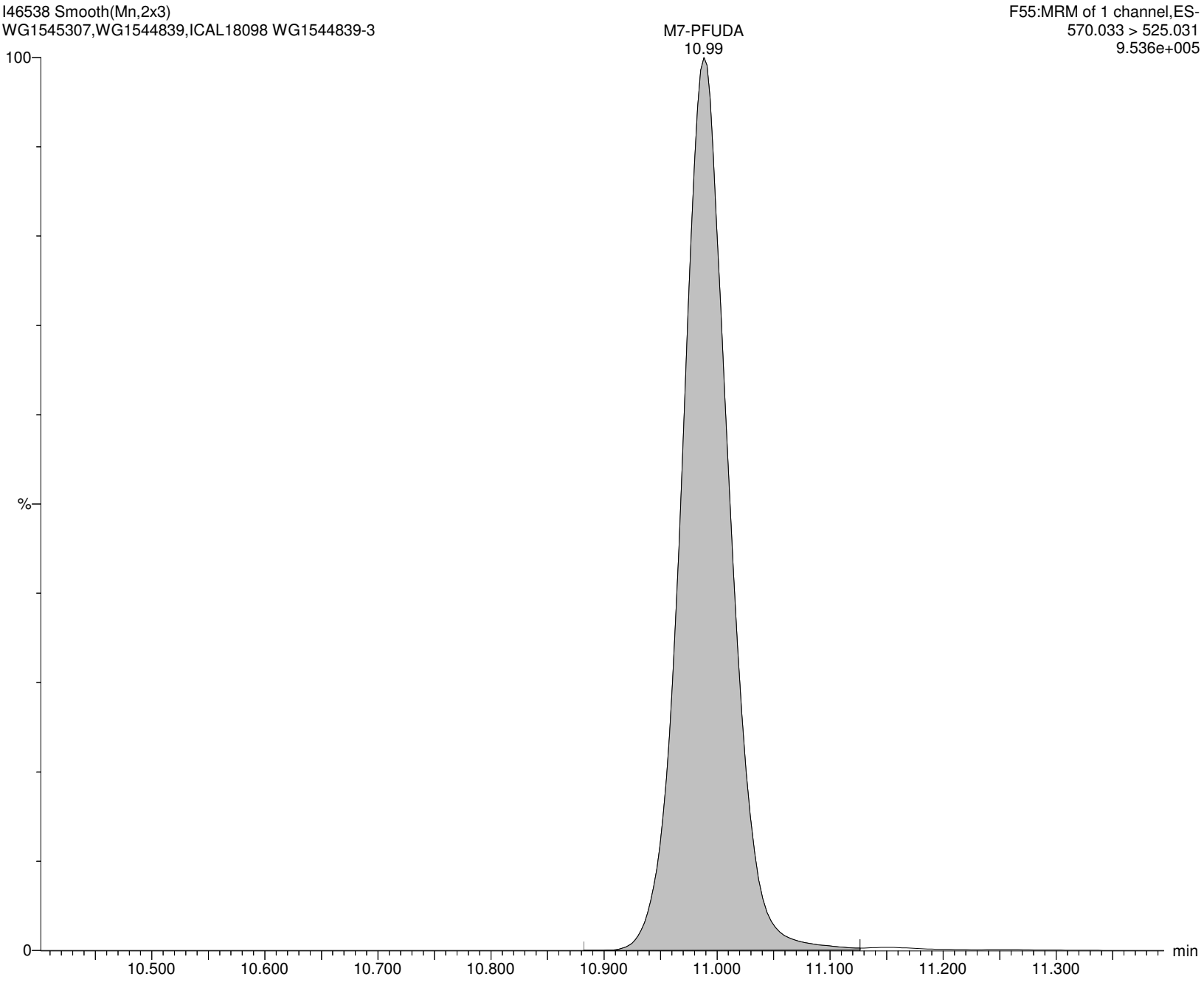


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:44 Eastern Daylight Time

Name: I46538
ID: WG1544839-3
Date: 11-Sep-2021
Time: 16:25:39
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M7-PFUDA

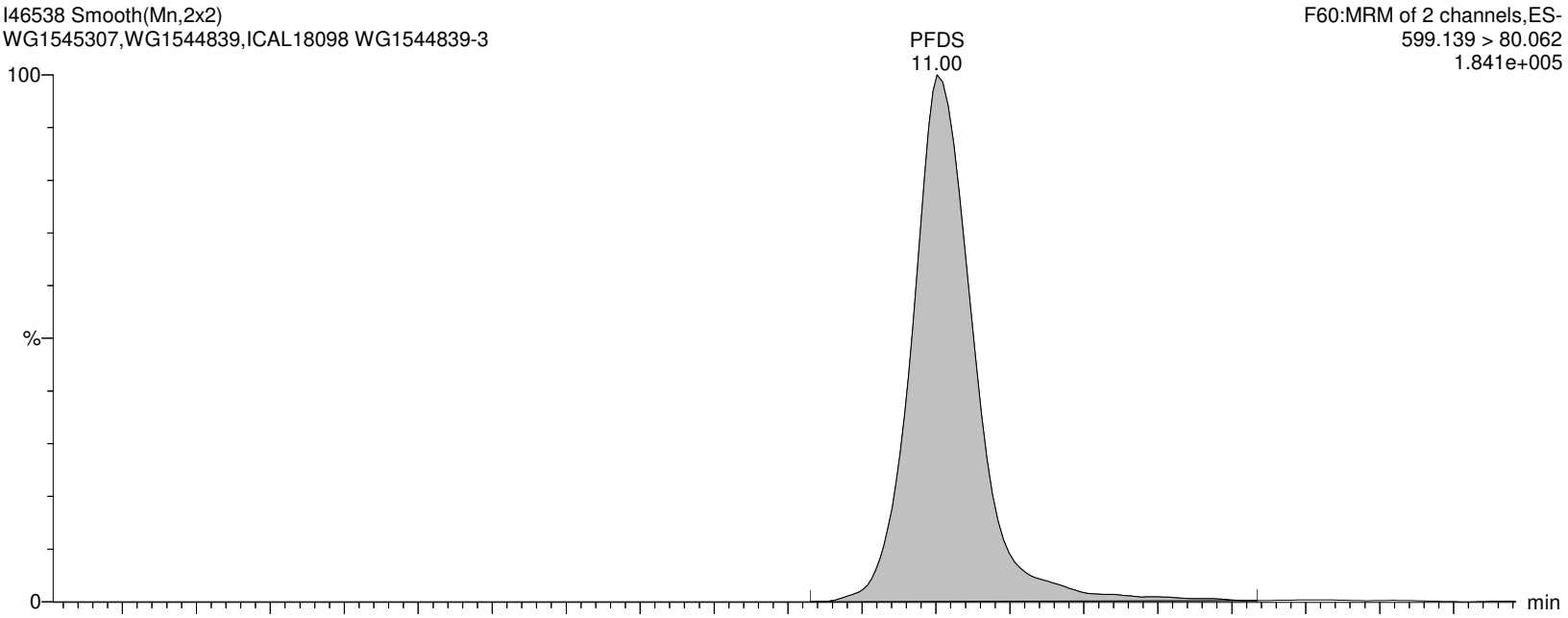


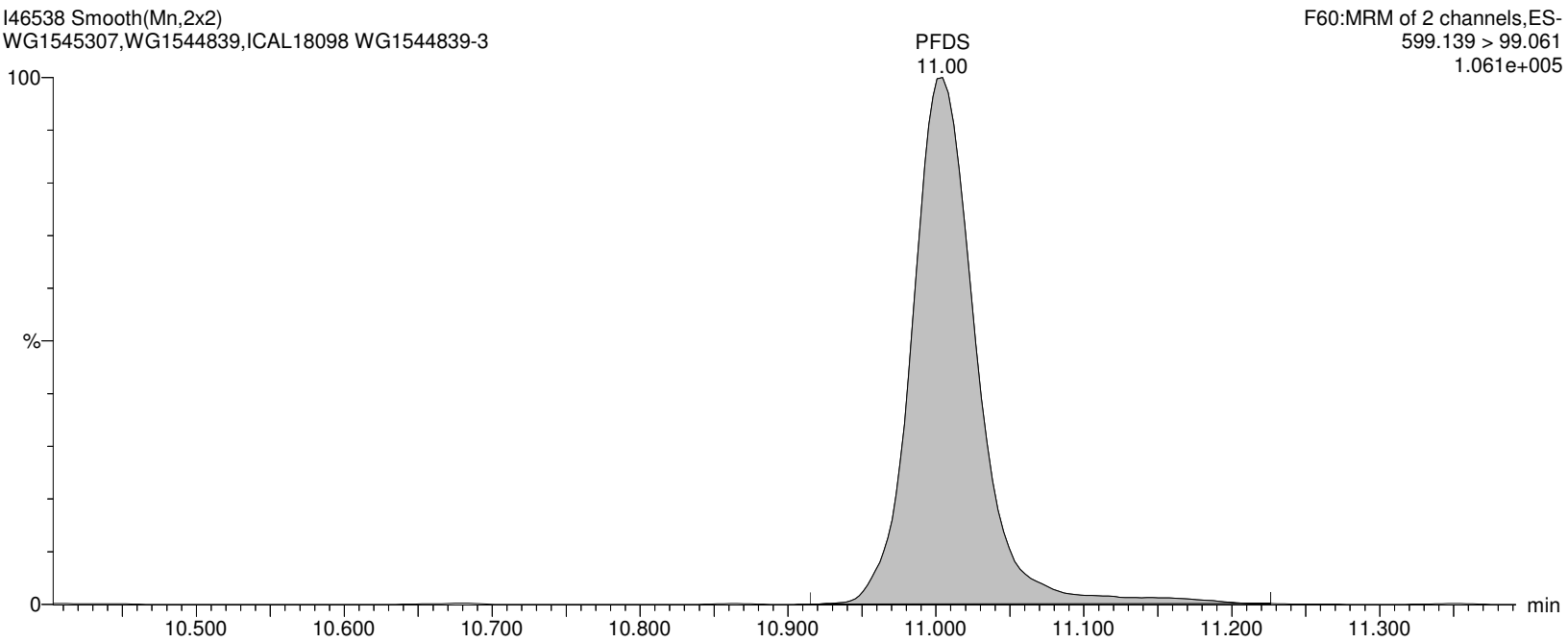
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:44 Eastern Daylight Time

Name: I46538
ID: WG1544839-3
Date: 11-Sep-2021
Time: 16:25:39
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDS



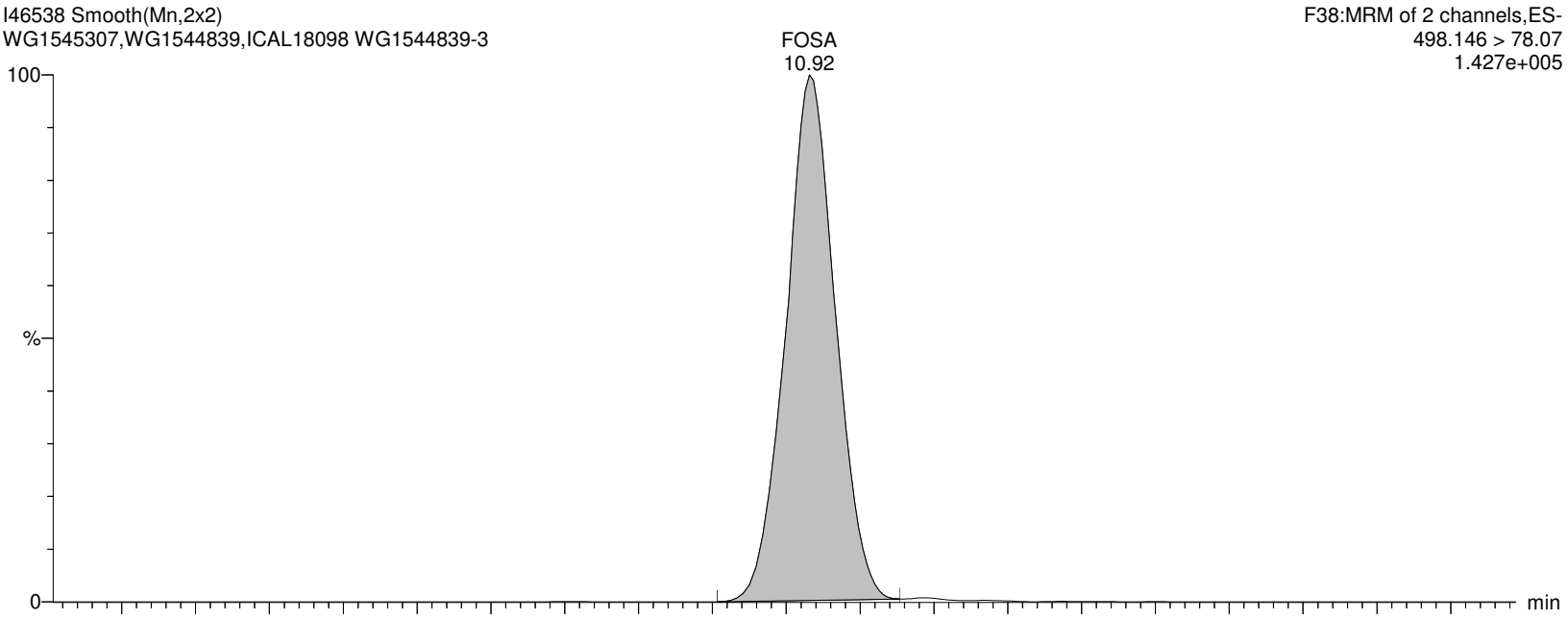


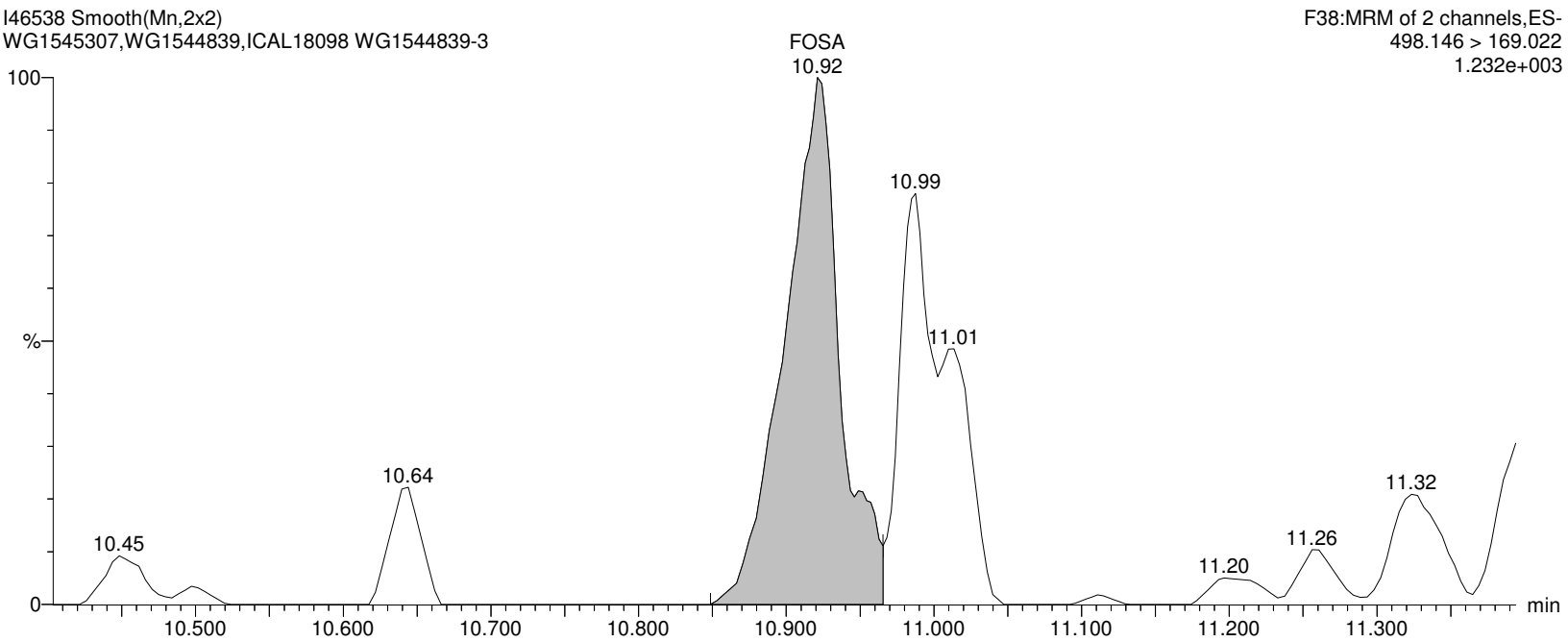
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:44 Eastern Daylight Time

Name: I46538
ID: WG1544839-3
Date: 11-Sep-2021
Time: 16:25:39
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

FOSA



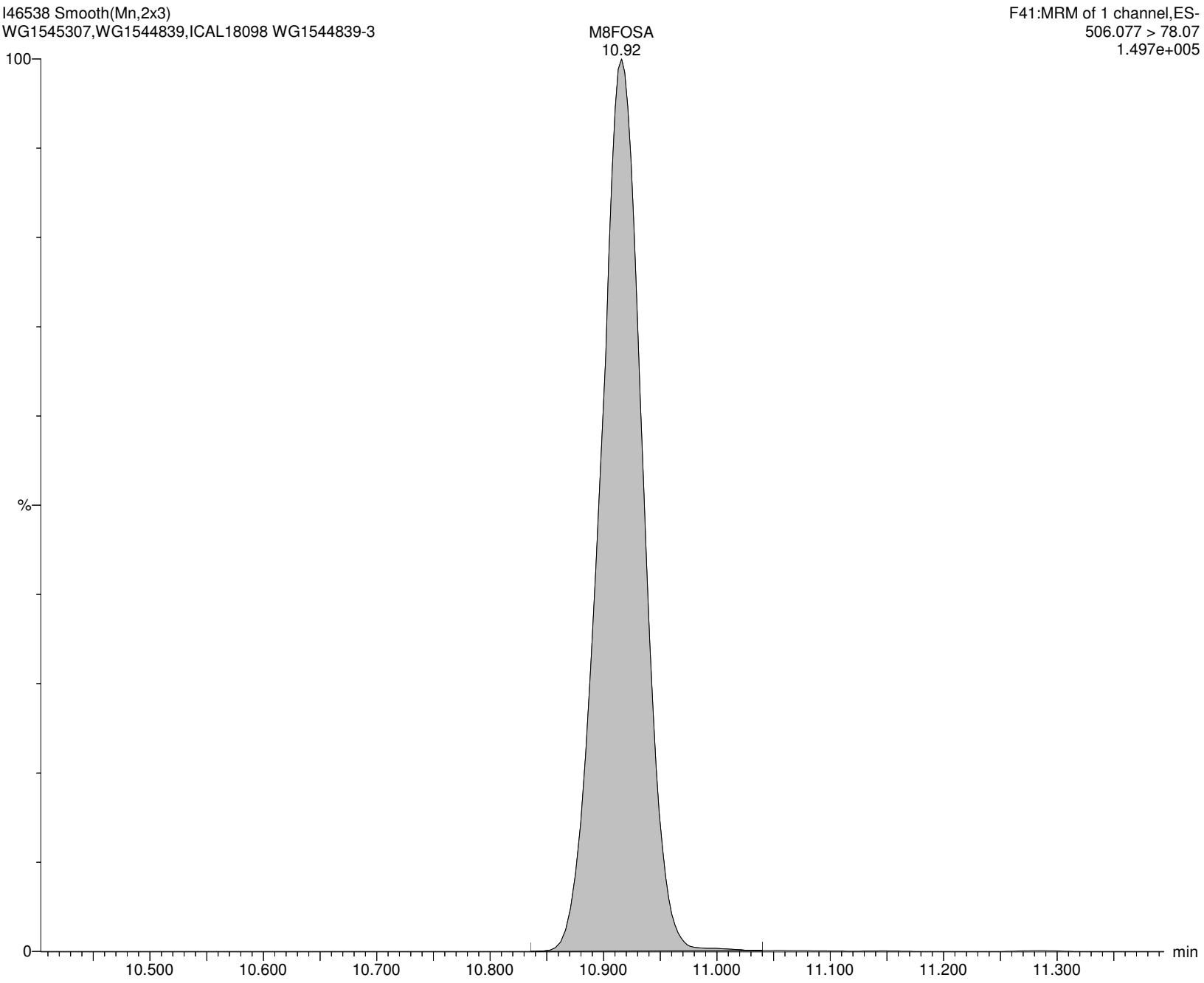


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:44 Eastern Daylight Time

Name: I46538
ID: WG1544839-3
Date: 11-Sep-2021
Time: 16:25:39
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8FOSA

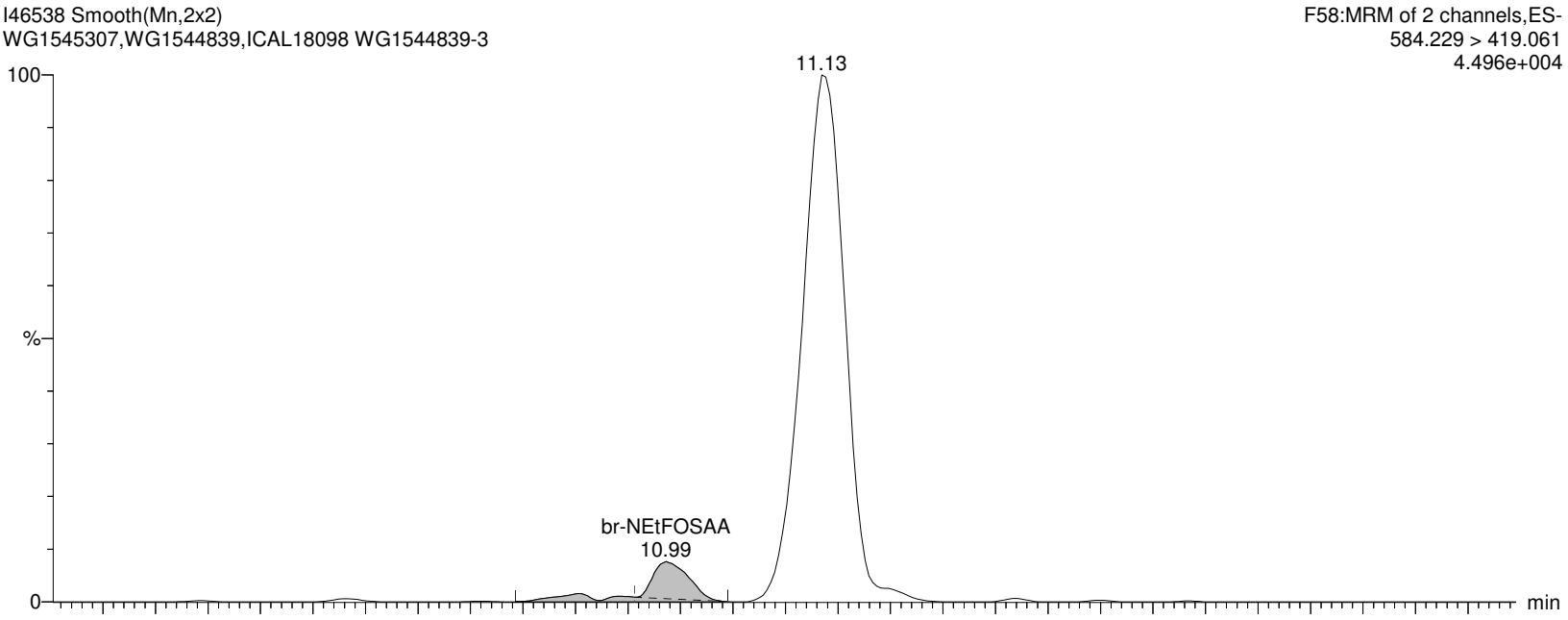


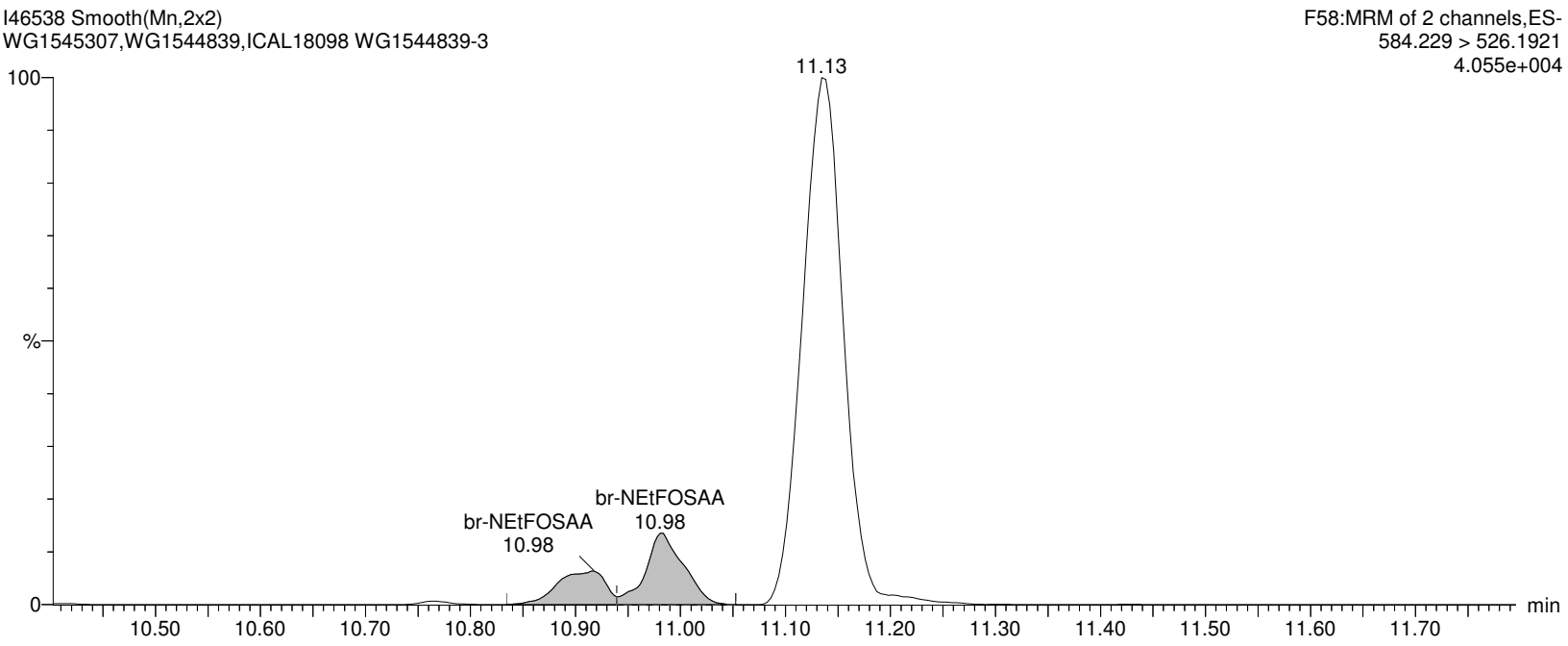
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:44 Eastern Daylight Time

Name: I46538
ID: WG1544839-3
Date: 11-Sep-2021
Time: 16:25:39
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NEtFOSAA



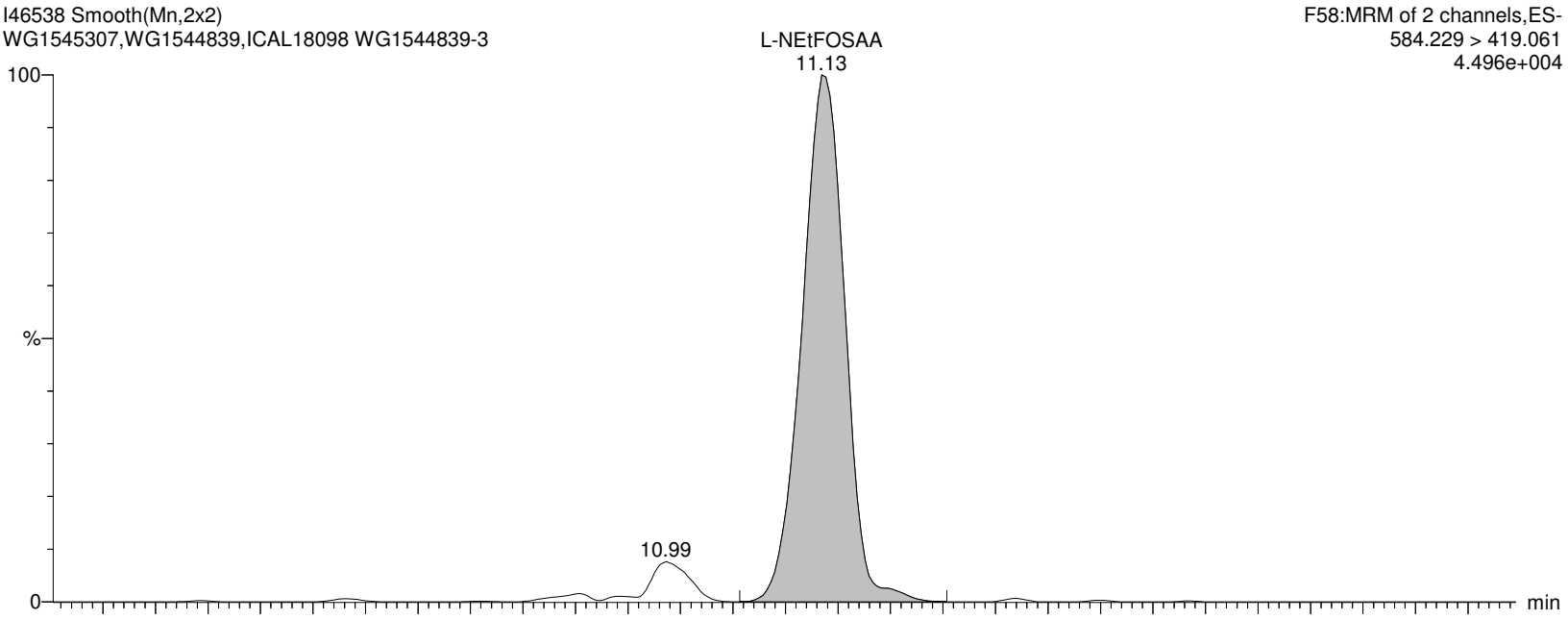


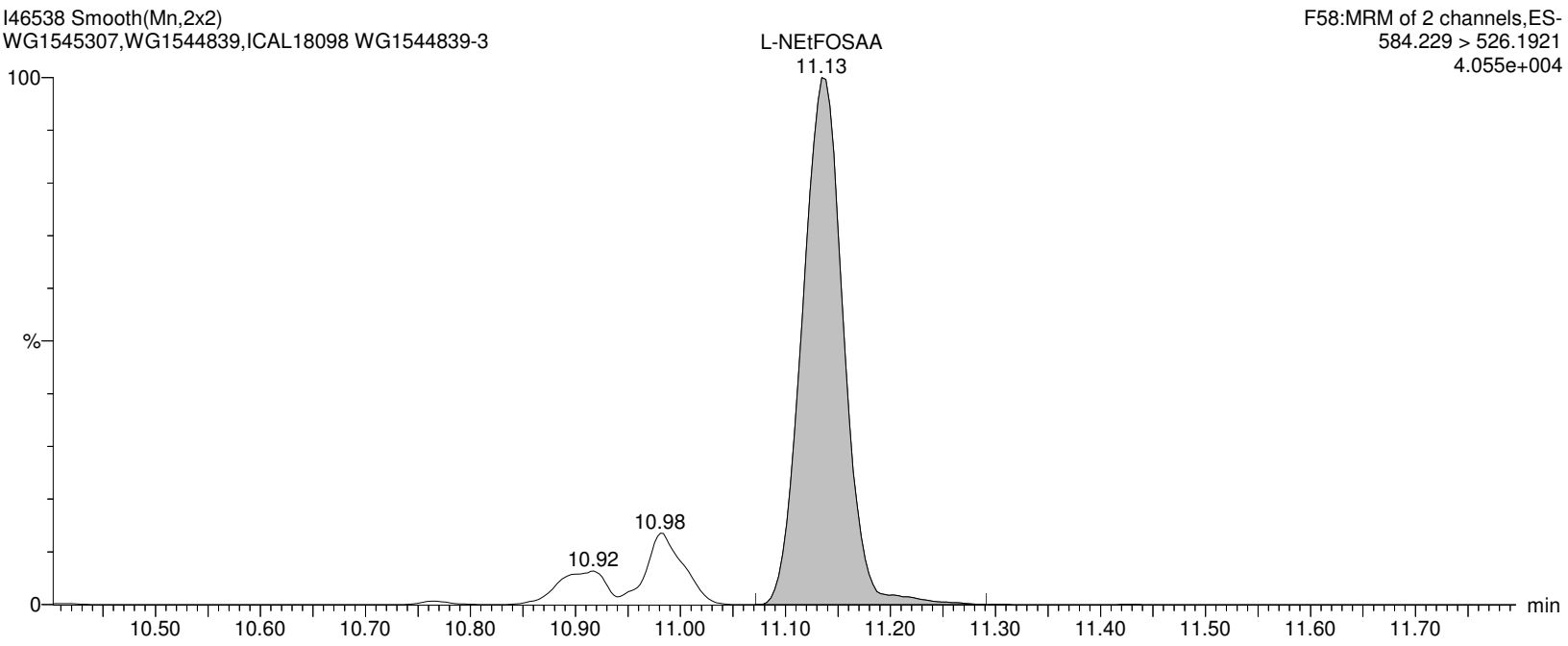
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:44 Eastern Daylight Time

Name: I46538
ID: WG1544839-3
Date: 11-Sep-2021
Time: 16:25:39
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NEtFOSAA



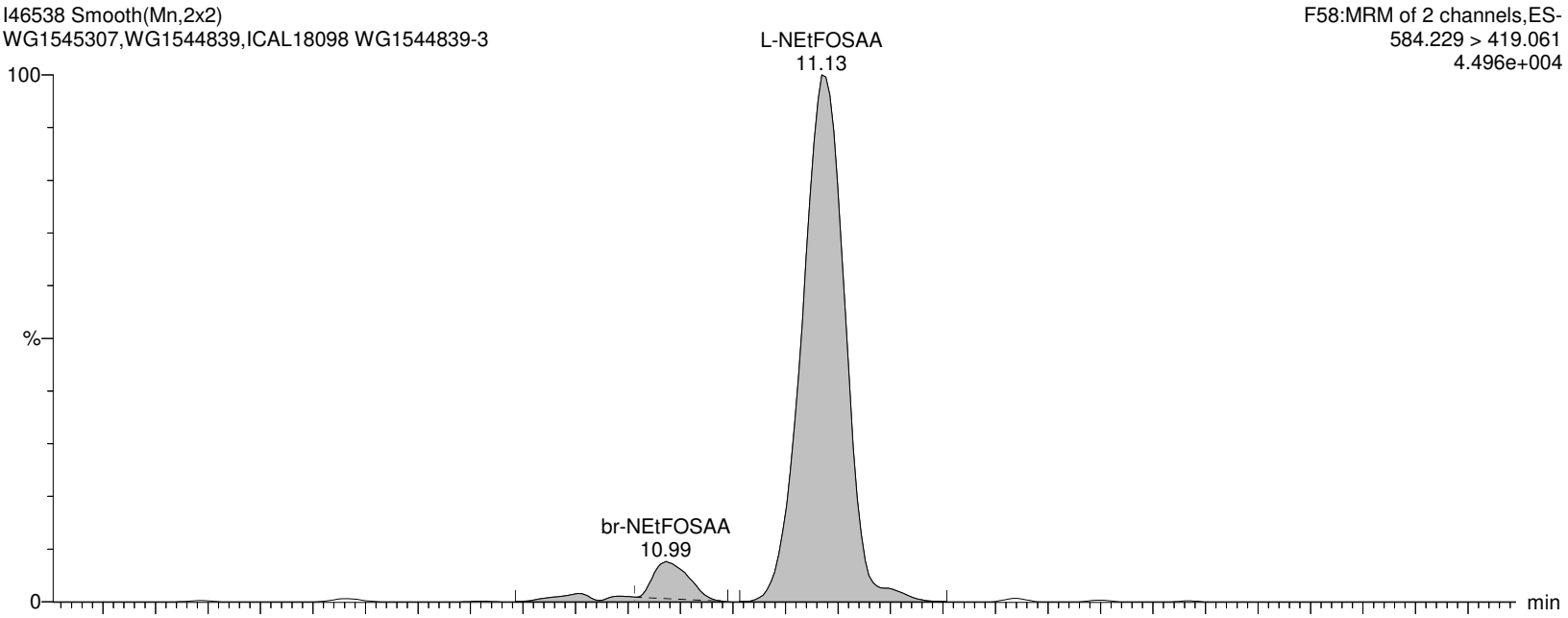


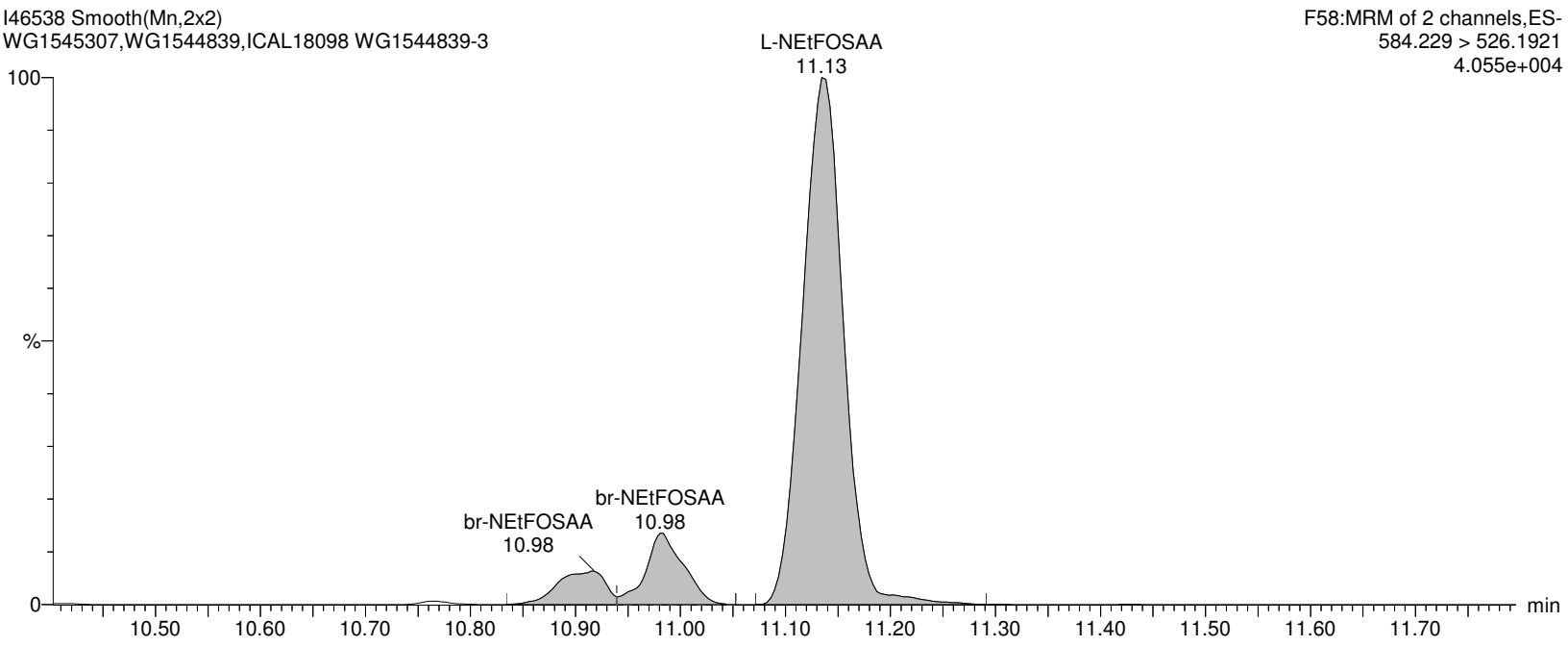
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:44 Eastern Daylight Time

Name: I46538
ID: WG1544839-3
Date: 11-Sep-2021
Time: 16:25:39
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSAA



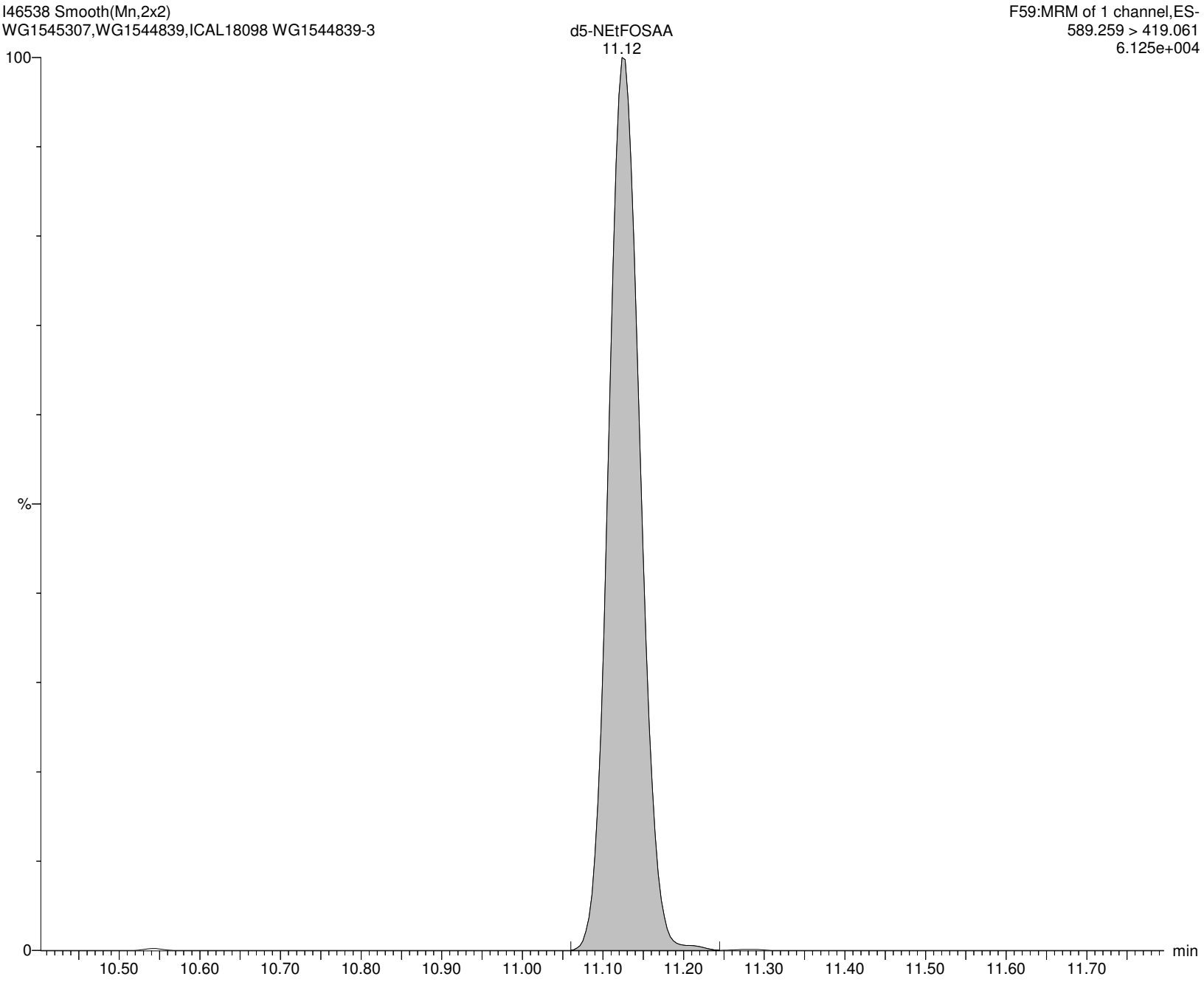


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:44 Eastern Daylight Time

Name: I46538
ID: WG1544839-3
Date: 11-Sep-2021
Time: 16:25:39
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSAA

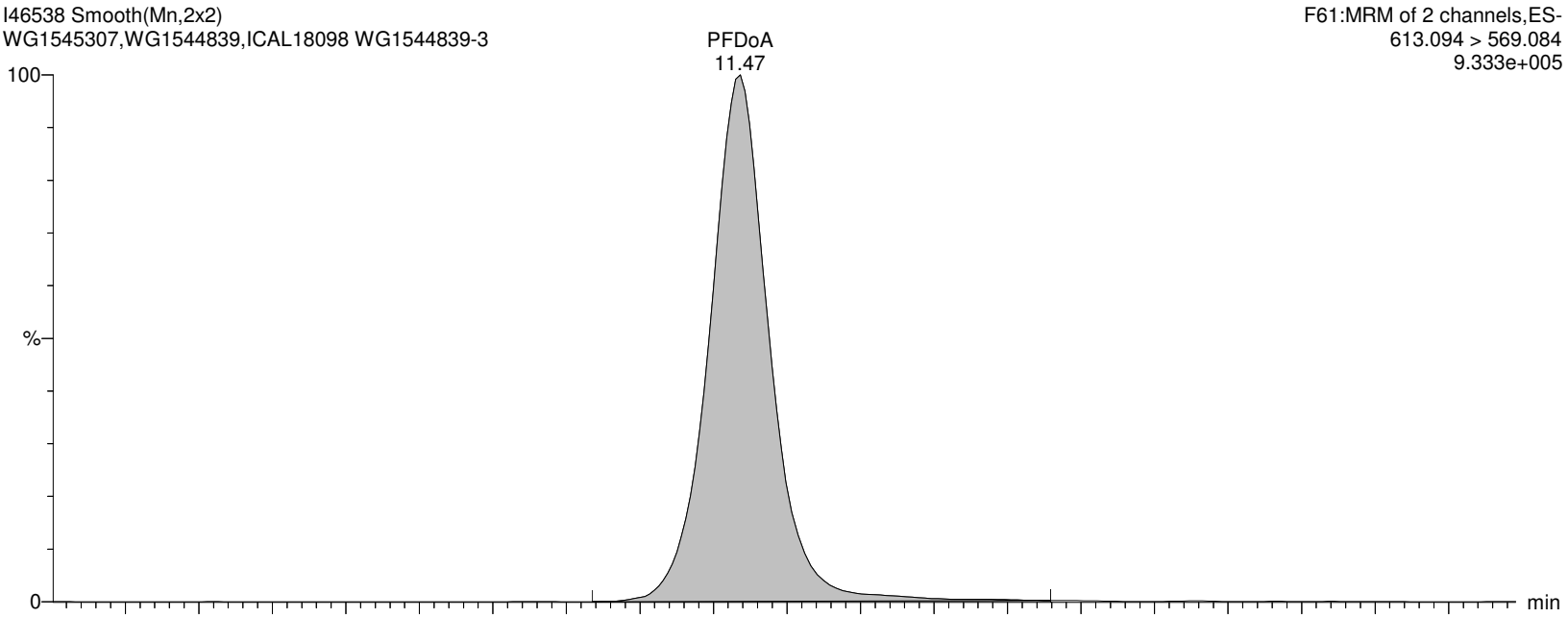


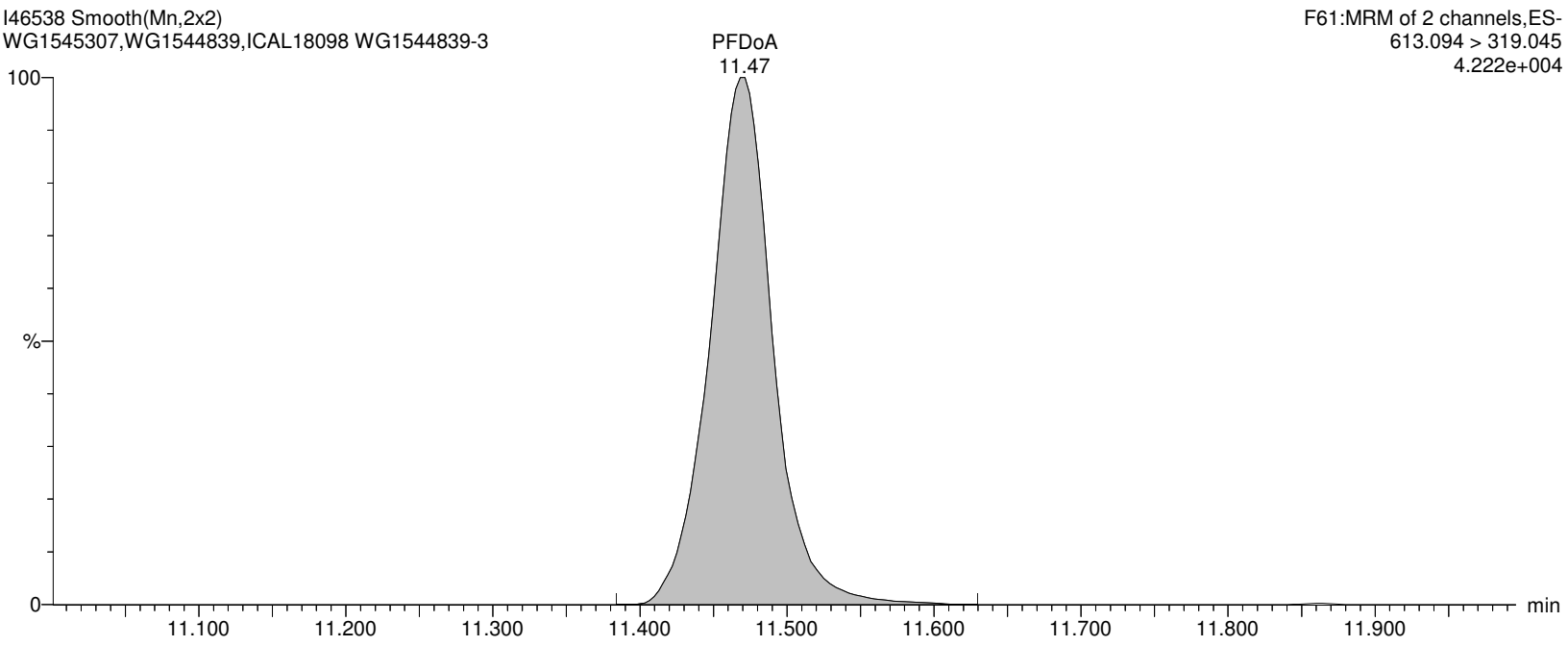
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:44 Eastern Daylight Time

Name: I46538
ID: WG1544839-3
Date: 11-Sep-2021
Time: 16:25:39
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoA



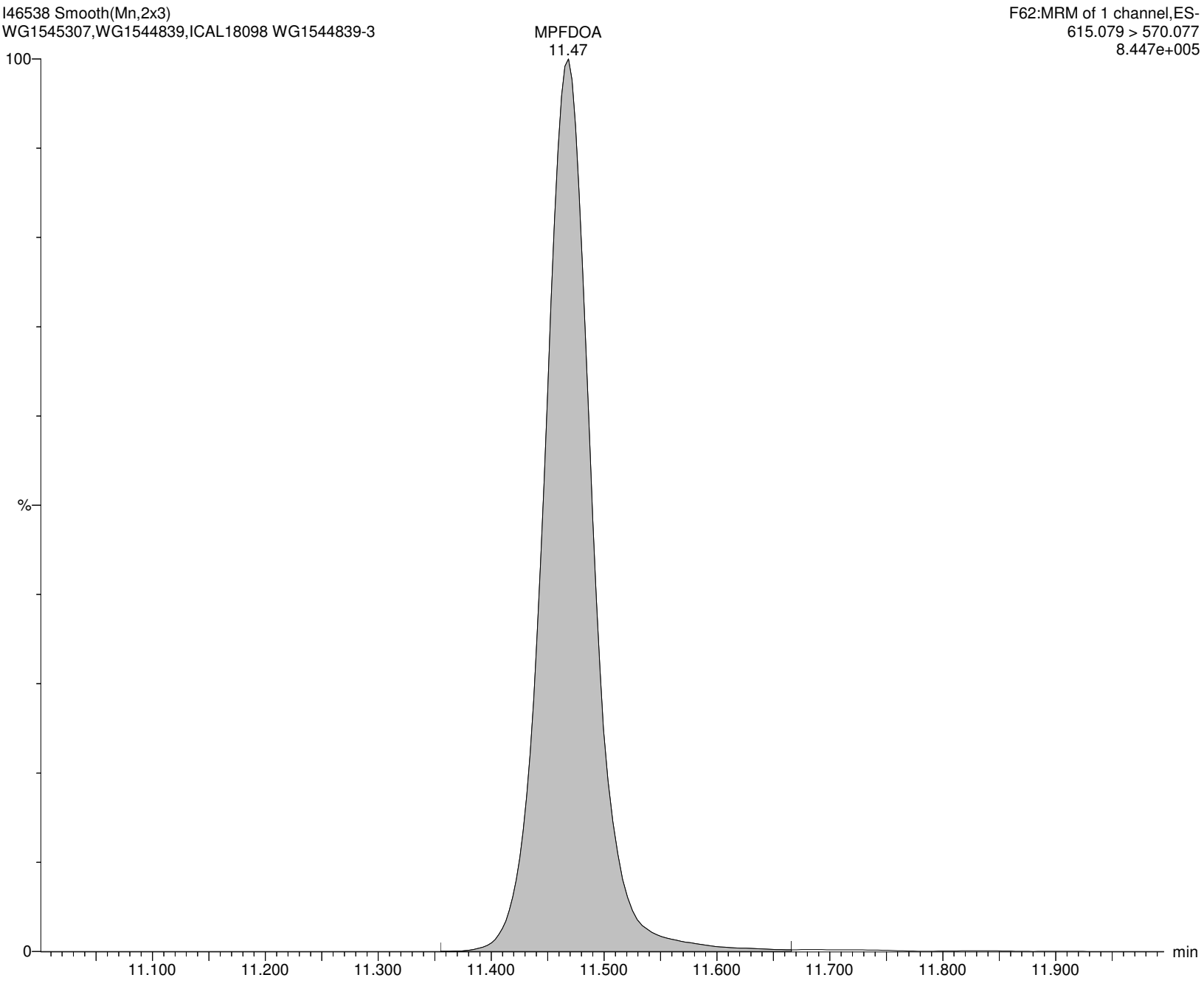


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:44 Eastern Daylight Time

Name: I46538
ID: WG1544839-3
Date: 11-Sep-2021
Time: 16:25:39
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFDOA

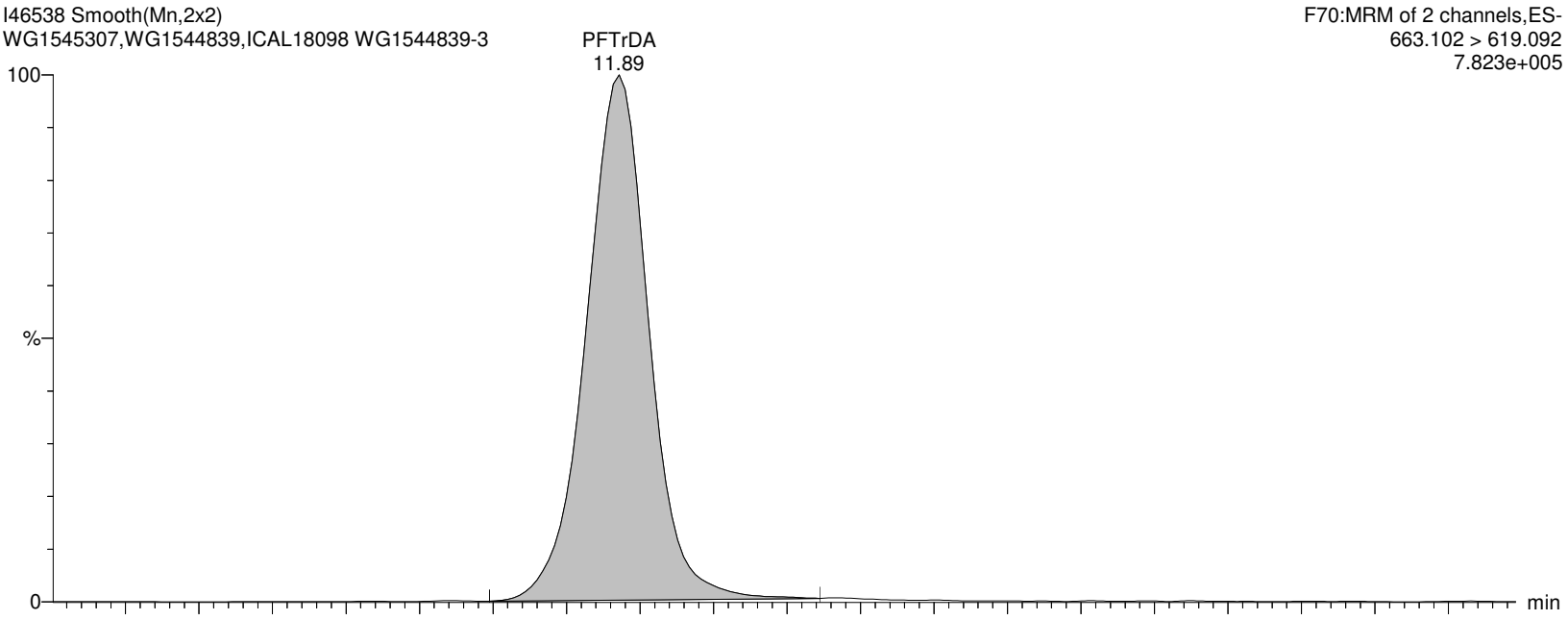


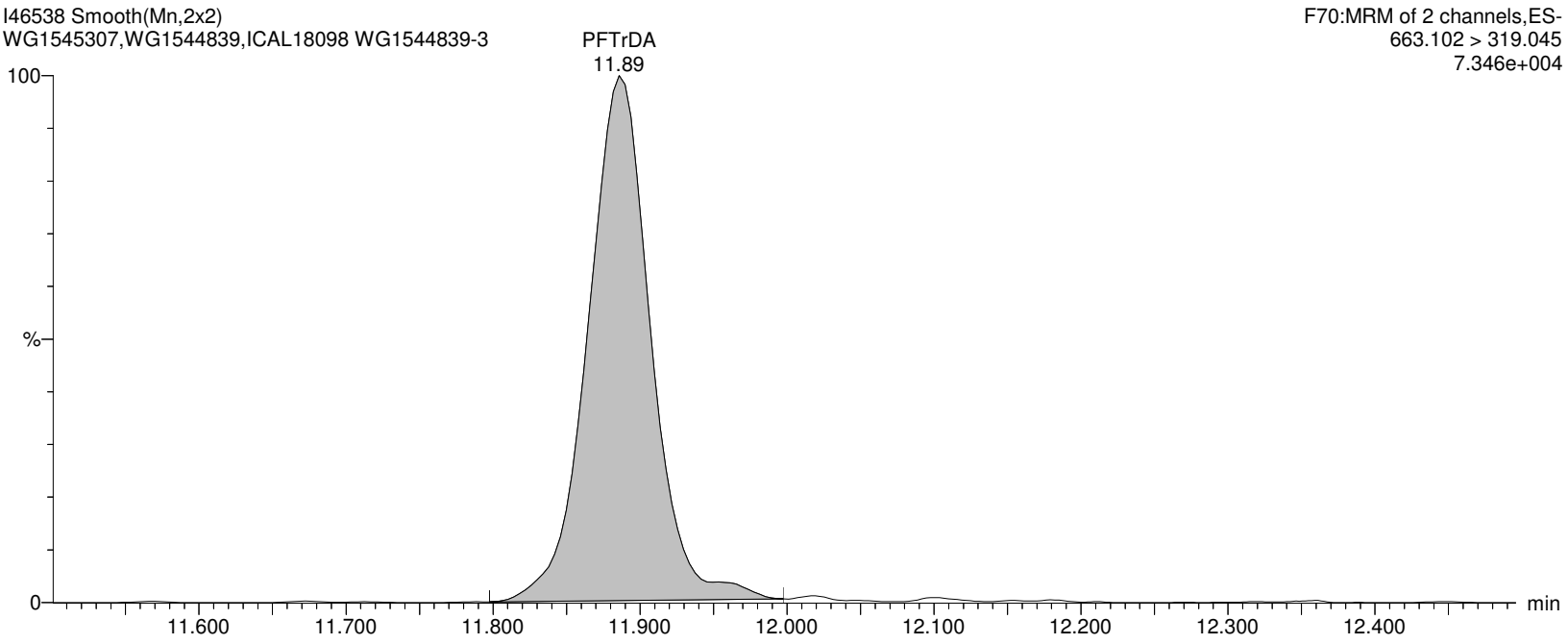
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:44 Eastern Daylight Time

Name: I46538
ID: WG1544839-3
Date: 11-Sep-2021
Time: 16:25:39
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTrDA



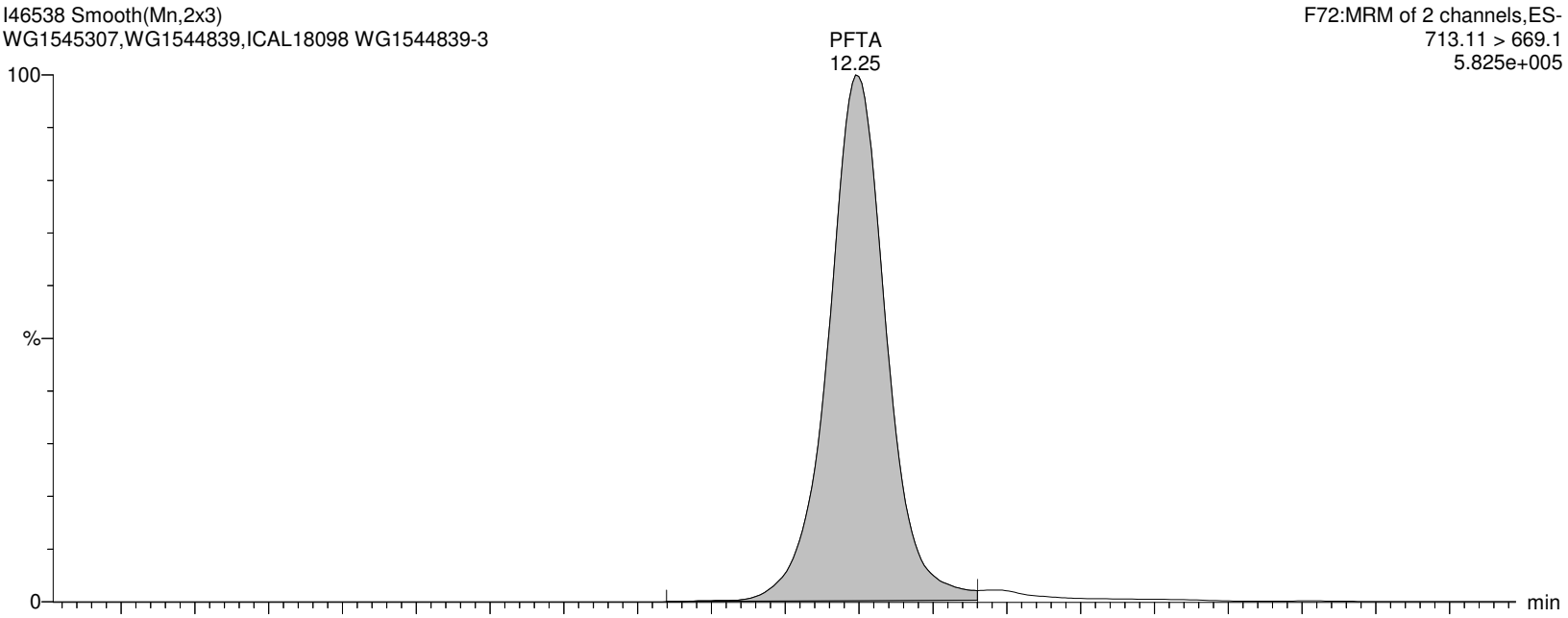


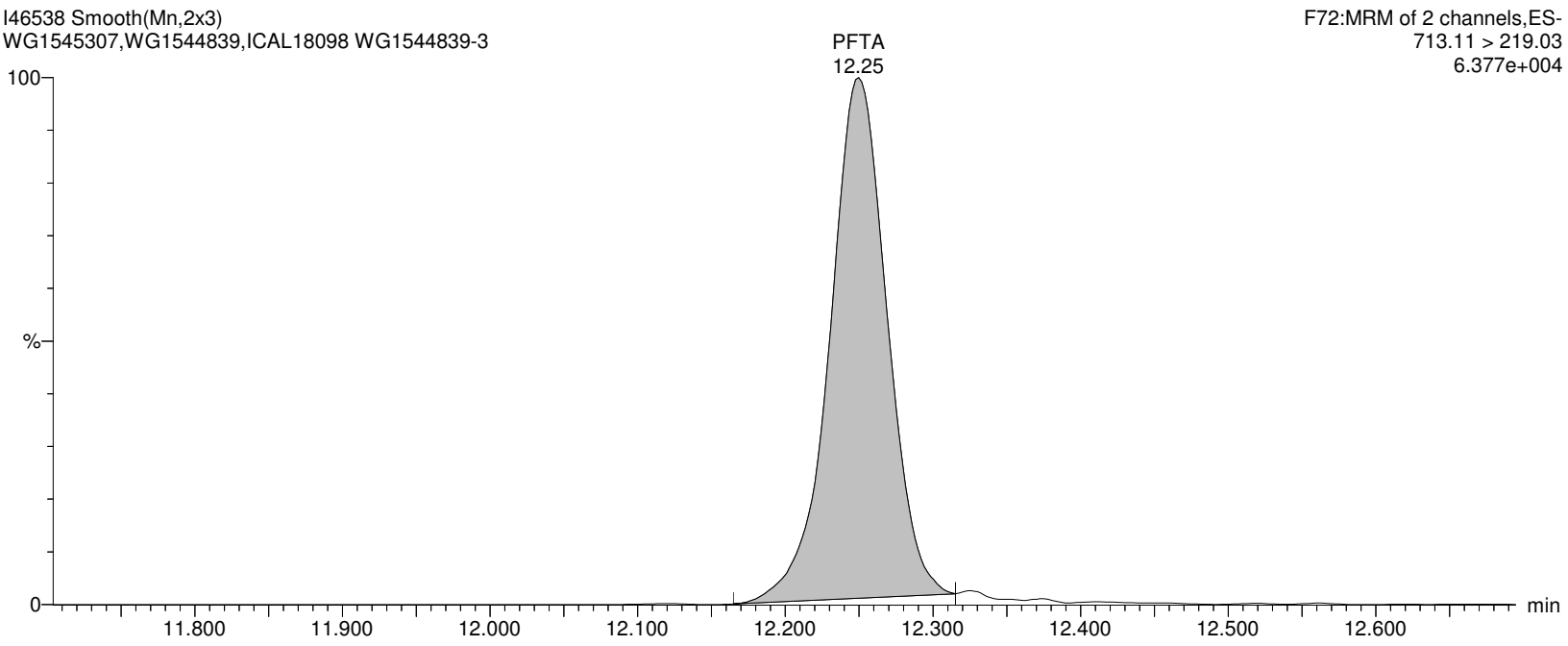
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:44 Eastern Daylight Time

Name: I46538
ID: WG1544839-3
Date: 11-Sep-2021
Time: 16:25:39
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTA



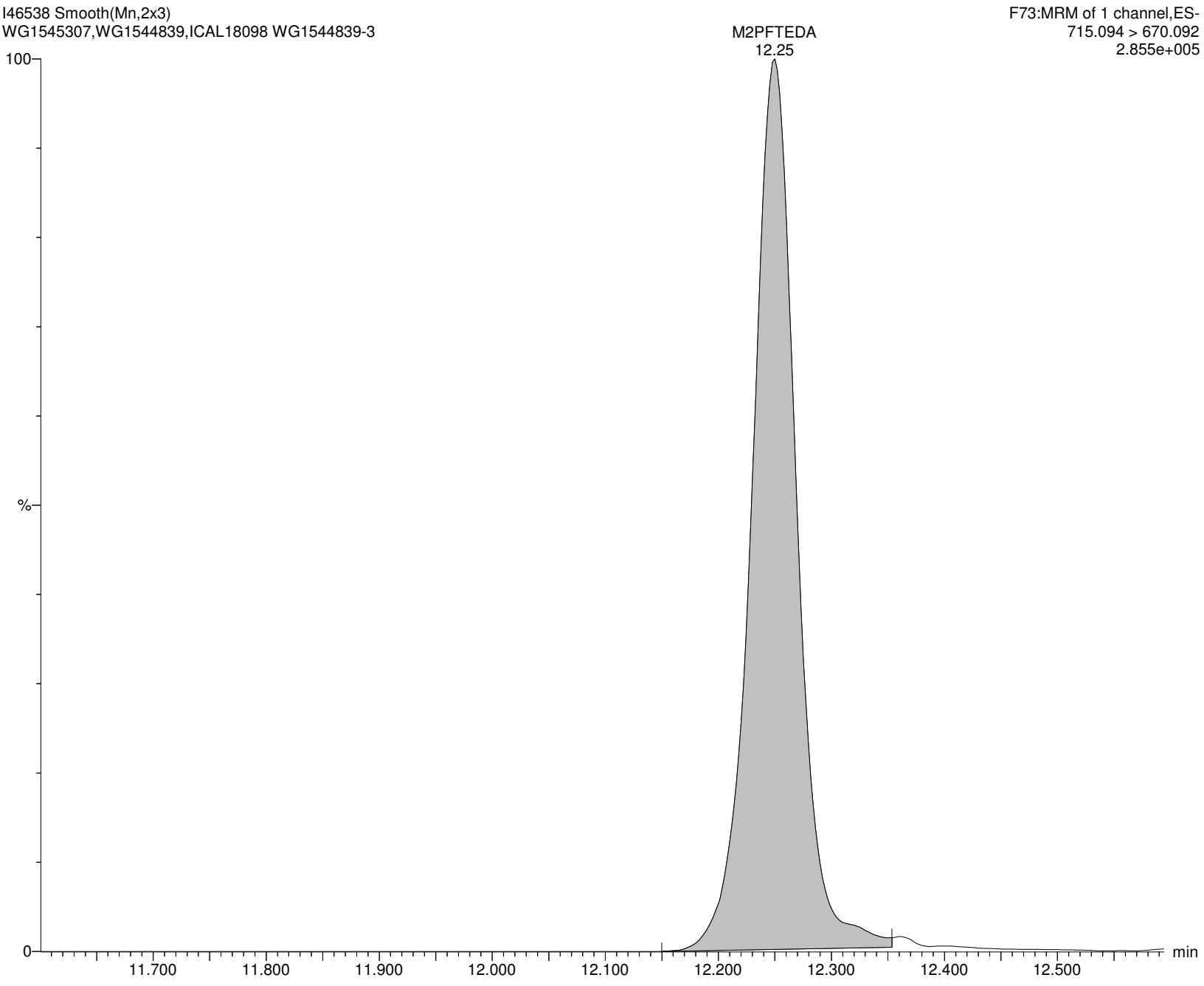


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:30:44 Eastern Daylight Time

Name: I46538
ID: WG1544839-3
Date: 11-Sep-2021
Time: 16:25:39
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFTEDA



all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:32:01 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210911_537.PRO\MethDB\537ISO_Q_210625_TOP_RT2.mdb 03 Sep 2021 08:44:20
Calibration: C:\MassLynx\Data\2021\210911_537.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

ID: WG1544839-4
Name: I46539
Date: 11-Sep-2021
Time: 16:42:17
Description: WG1545307,WG1544839,ICAL18098
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:SG
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.09	213.032 > 169.022	37023		10.994		na	
2	M3PFBA	INT STD	2.09	216.009 > 171.999	47711		9.088		na	90.9
3	MPFBA	INT STD	2.08	217.001 > 171.999	37839		7.376		na	73.8
4	PFPeA	2706-90-3	4.94	263.039 > 219.03	39308		10.098		na	
5	M5PFPEA	INT STD	4.94	268.001 > 222.999	41372		7.349		na	73.5
6	PFBS	375-73-5	5.59	299.092 > 80.062	11355		9.890	1.94	NO	
7	M3PFBS	INT STD	5.59	302.069 > 80.062	10568		8.495		na	85.0
8	4:2FTS	757124-72-4	6.76	327.146 > 307.139	9021		10.269	2.51	NO	
9	M2-4:2FTS	INT STD	6.76	329.13 > 309.124	9245		18.545		na	185.5
10	PFHxA	307-24-4	6.83	313.047 > 269.037	51477		10.629	16.44	NO	
11	M5PFHxA	INT STD	6.83	318.009 > 273.007	45646		7.110		na	71.1
12	PFPeS	2706-91-4	7.15	349.1 > 80.062	10807		9.605	2.34	NO	
13	PFHpA	375-85-9	8.11	363.055 > 319.045	79743		11.008	5.62	NO	
14	M4PFHpA	INT STD	8.11	367.025 > 322.022	71595		7.479		na	74.8
15	br-PFHxS	355-46-4	8.04	399.107 > 80.062	2038	M5,M7	1.864	2.17	NO	
16	L-PFHxS	355-46-4	8.27	399.107 > 80.062	10390		7.479	1.58	NO	
17	PFHxS	355-46-4		399.107 > 80.062	12428		9.343		na	
18	M3PFHxS	INT STD	8.27	402.084 > 80.062	12732		9.025		na	90.2
19	br-PFOA	335-67-1	8.83	413.063 > 369.053	3855		0.502	2.30	NO	
20	L-PFOA	335-67-1	9.06	413.063 > 369.053	233529		30.429	8.78	NO	
21	PFOA	335-67-1		413.063 > 369.053	237383		30.931		na	
22	M8PFOA	INT STD	9.06	421.002 > 376.	79640		7.471		na	74.7
23	M2PFOA	INT STD	9.06	415.048 > 370.045	105001		9.914		na	99.1
24	6:2FTS	27619-97-2	9.01	427.161 > 407.155	9031		11.928	3.63	NO	
25	M2-6:2FTS	INT STD	9.02	429.146 > 409.14	7944		15.522		na	155.2
26	PFHpS	375-92-8	9.15	449.115 > 80.062	8201		9.645	1.16	NO	
27	PFNA	375-95-1	9.82	463.071 > 419.061	56803		9.864	3.72	NO	
28	M9PFNA	INT STD	9.82	472.002 > 427.	23053		7.528		na	75.3
29	br-PFOS	1763-23-1	9.62	499.123 > 80.062	11575	M5,M7	8.242	4.93	NO	
30	L-PFOS	1763-23-1	9.88	499.123 > 80.062	10737		10.176	1.76	NO	
31	PFOS	1763-23-1		499.123 > 80.062	22312		18.418		na	
32	M4PFOS	INT STD	9.87	503.093 > 80.062	11275		9.961		na	99.6
33	M8PFOS	INT STD	9.87	507.062 > 80.062	11868		9.394		na	93.9
34	PFDA	335-76-2	10.45	513.078 > 469.069	49957		9.722	5.34	NO	
35	M2PFDA	INT STD	10.45	515.053 > 469.934	60492		9.916		na	99.2
36	M6PFDA	INT STD	10.45	519.033 > 474.03	51640		7.521		na	75.2
37	8:2FTS	39108-34-4	10.44	527.177 > 507.171	2256		8.970	4.64	NO	
38	M2-8:2FTS	INT STD	10.45	529.162 > 509.155	3977		10.572		na	105.7
39	PFNS	68259-12-1	10.48	549.131 > 80.062	8385		9.146	1.46	NO	

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:32:01 Eastern Daylight Time

ID: WG1544839-4
Name: I46539
Date: 11-Sep-2021
Time: 16:42:17
Description: WG1545307,WG1544839,ICAL18098
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:SG
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.84	573.22 > 419.061	3416		5.278		na	52.8
41	br-NMeFOSAA		10.69	570.202 > 419.061	265	M5,M7	1.991	1.06	NO	
42	L-NMeFOSAA		10.85	570.202 > 419.061	2696		7.244	2.69	NO	
43	NMeFOSAA	2355-31-9		570.202 > 419.061	2961		9.235		na	
44	PFUnA	2058-94-8	11.00	563.086 > 519.076	47359		9.871	10.46	NO	
45	M7-PFUDA	INT STD	11.00	570.033 > 525.031	47566		7.428		na	74.3
46	PFDS	335-77-3	11.01	599.139 > 80.062	8619		8.749	1.66	NO	
47	FOSA	754-91-6	10.93	498.146 > 78.07	4868	M7	9.165	156.40	NO	
48	M8FOSA	INT STD	10.92	506.077 > 78.07	6204		1.669		na	16.7
49	br-NEtFOSAA		10.99	584.229 > 419.061	232	M5,M7	2.460	0.86	YES	
50	L-NEtFOSAA		11.14	584.229 > 419.061	2114		7.572	1.25	NO	
51	NEtFOSAA	2991-50-6		584.229 > 419.061	2346		10.031		na	
52	d5-NEtFOSAA	INT STD	11.13	589.259 > 419.061	2830		5.292		na	52.9
53	PFDoA	307-55-1	11.47	613.094 > 569.084	43086		9.166	18.61	NO	
54	MPFDOA	INT STD	11.47	615.079 > 570.077	44766		7.246		na	72.5
55	PFTrDA	72629-94-8	11.89	663.102 > 619.092	38714		11.673	11.02	NO	
56	PFTA	376-06-7	12.25	713.11 > 669.1	25519		10.213	9.15	NO	
57	M2PFTEDA	INT STD	12.25	715.094 > 670.092	12833		6.623		na	66.2

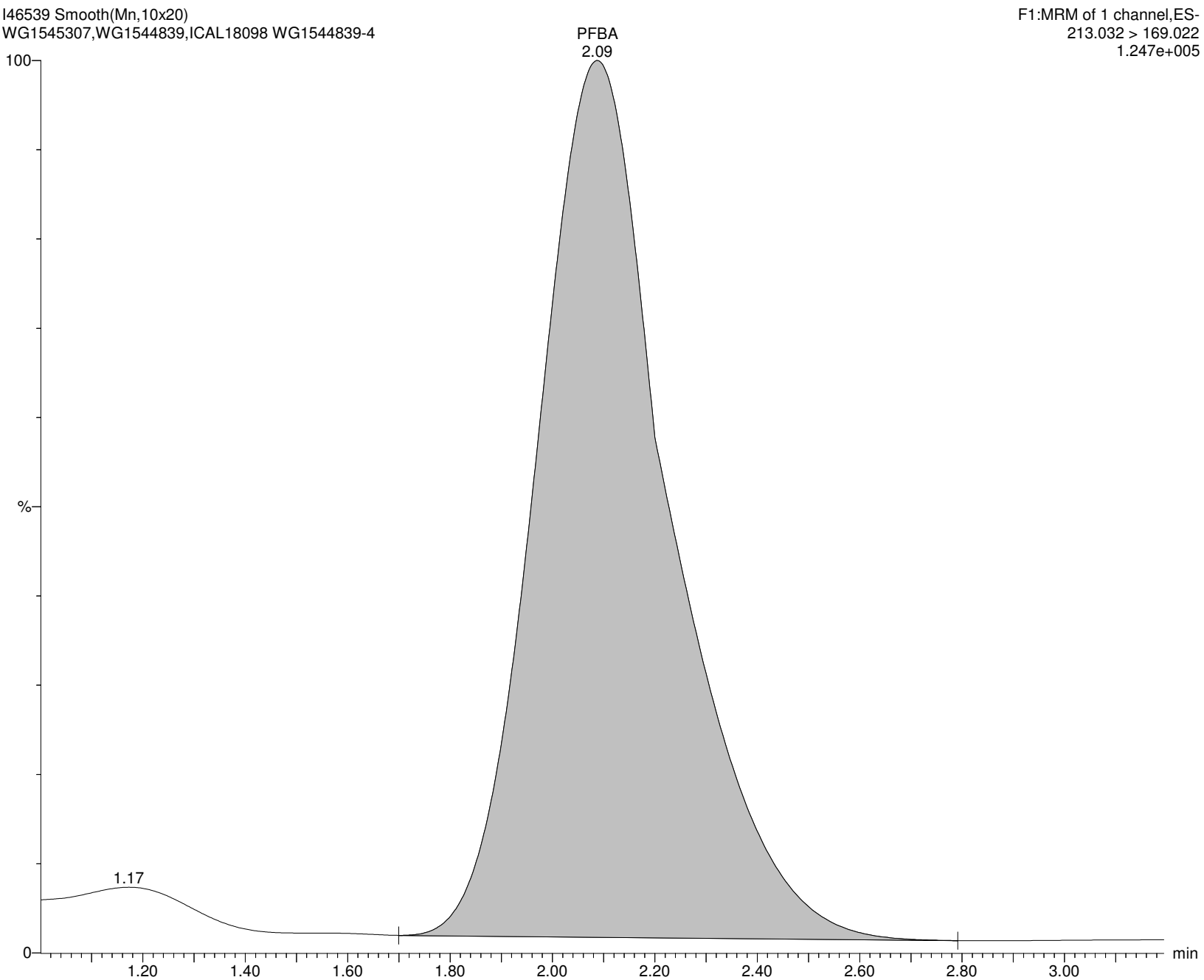
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:32:01 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210911_537.PRO\MethDB\537ISO_Q_210625_TOP_RT2.mdb 03 Sep 2021 08:44:20
Calibration: C:\MassLynx\Data\2021\210911_537.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

Name: I46539
ID: WG1544839-4
Date: 11-Sep-2021
Time: 16:42:17
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBA

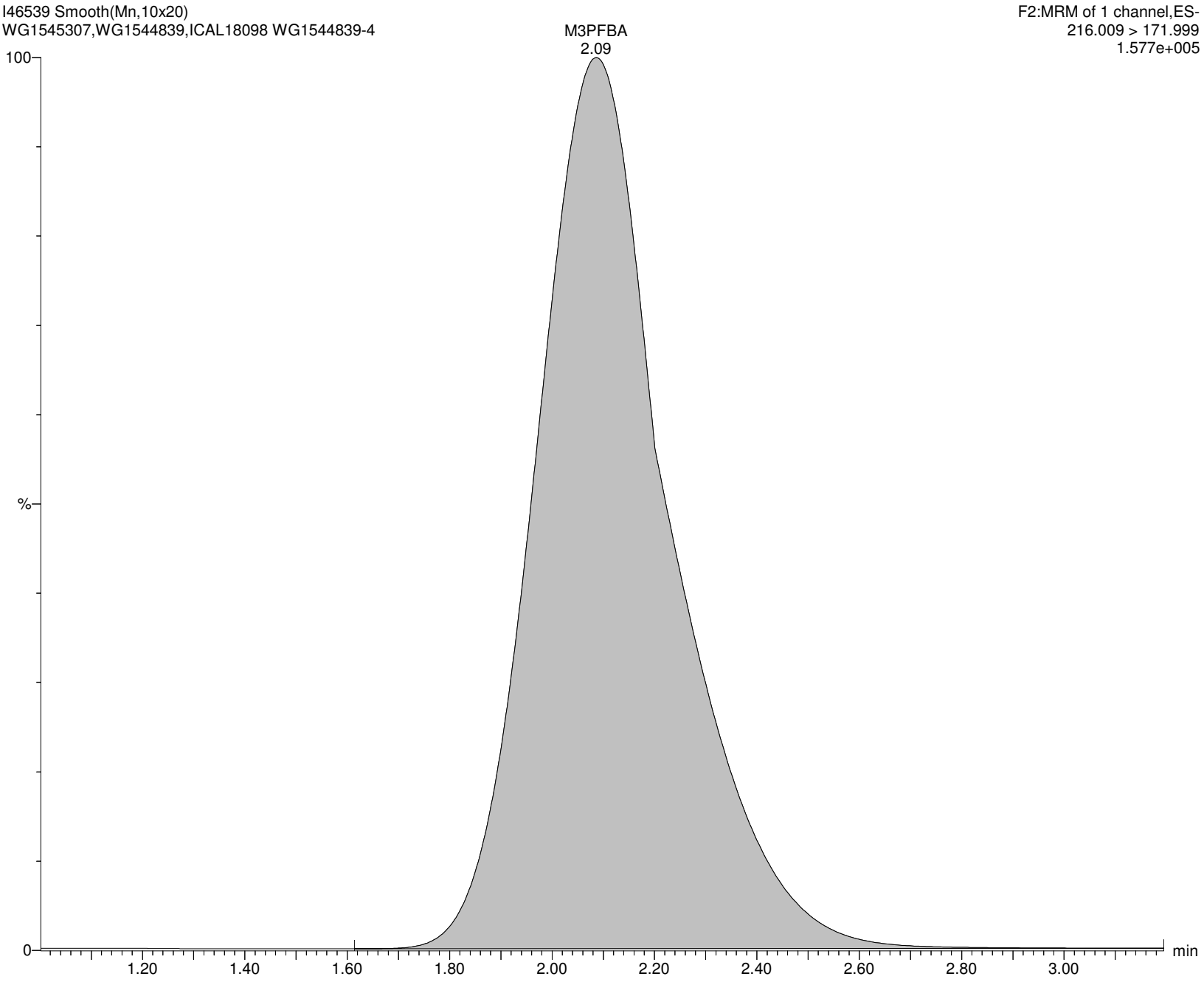


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:32:01 Eastern Daylight Time

Name: I46539
ID: WG1544839-4
Date: 11-Sep-2021
Time: 16:42:17
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBA

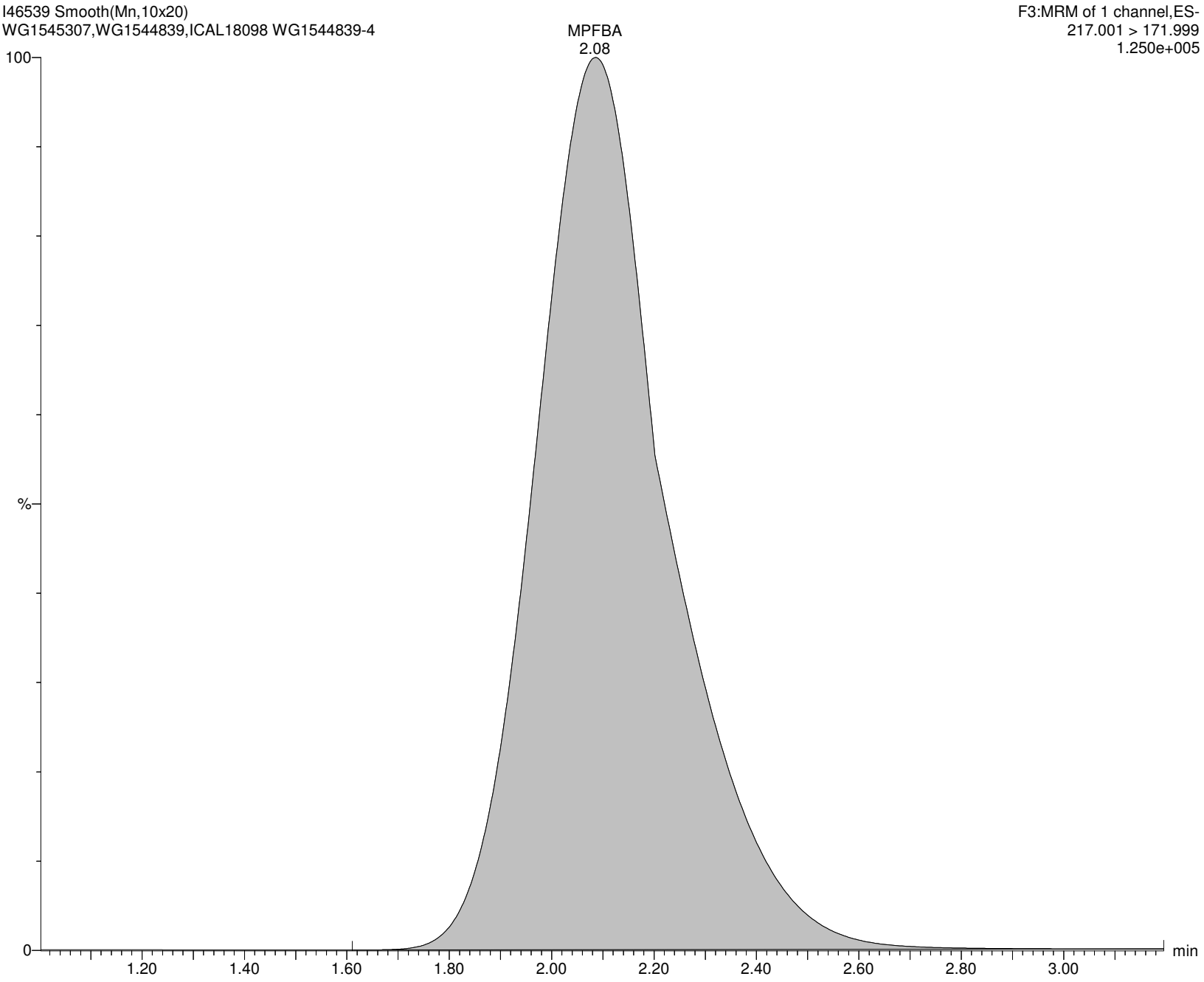


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:32:01 Eastern Daylight Time

Name: I46539
ID: WG1544839-4
Date: 11-Sep-2021
Time: 16:42:17
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFBA

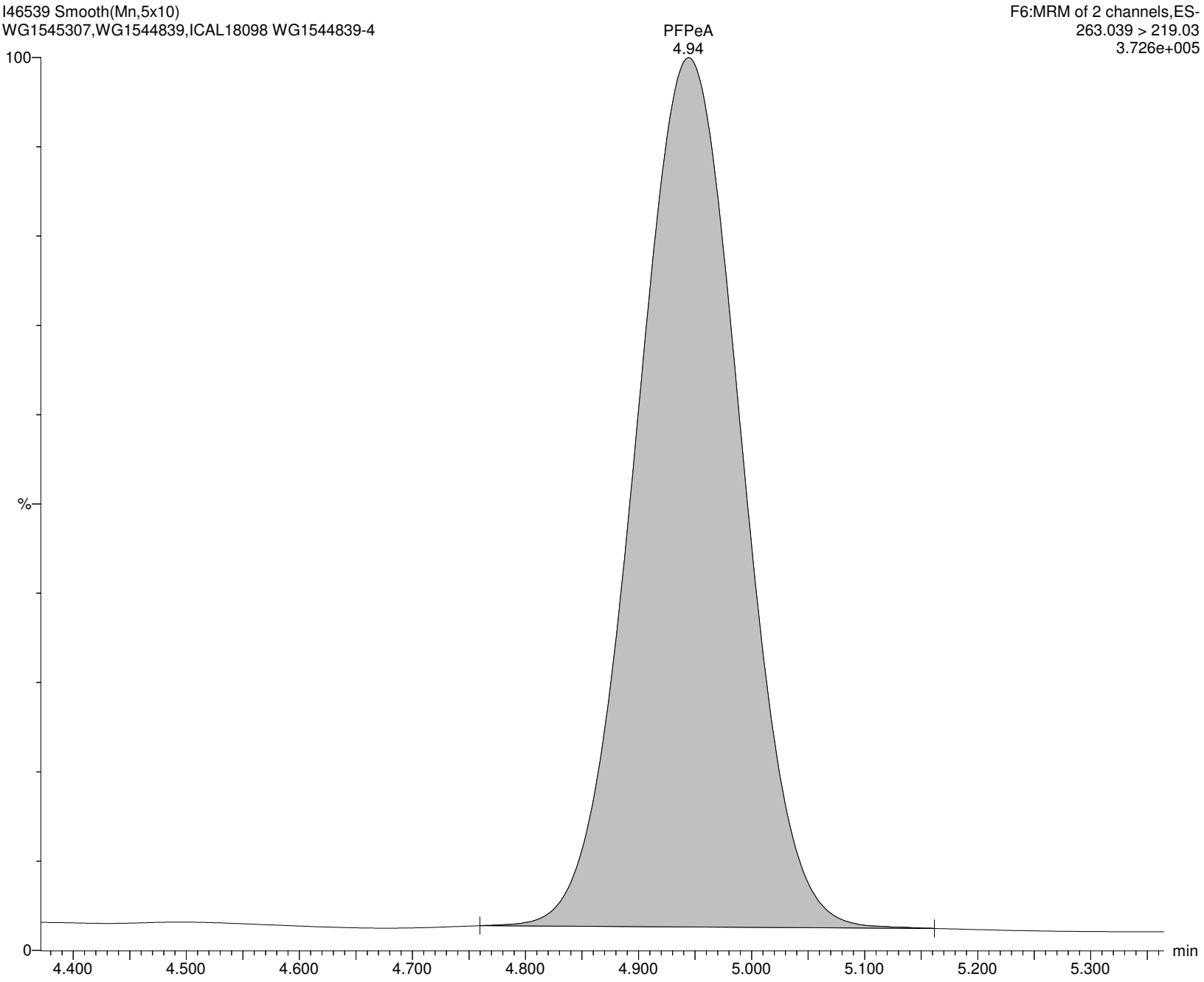


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:32:01 Eastern Daylight Time

Name: I46539
ID: WG1544839-4
Date: 11-Sep-2021
Time: 16:42:17
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeA

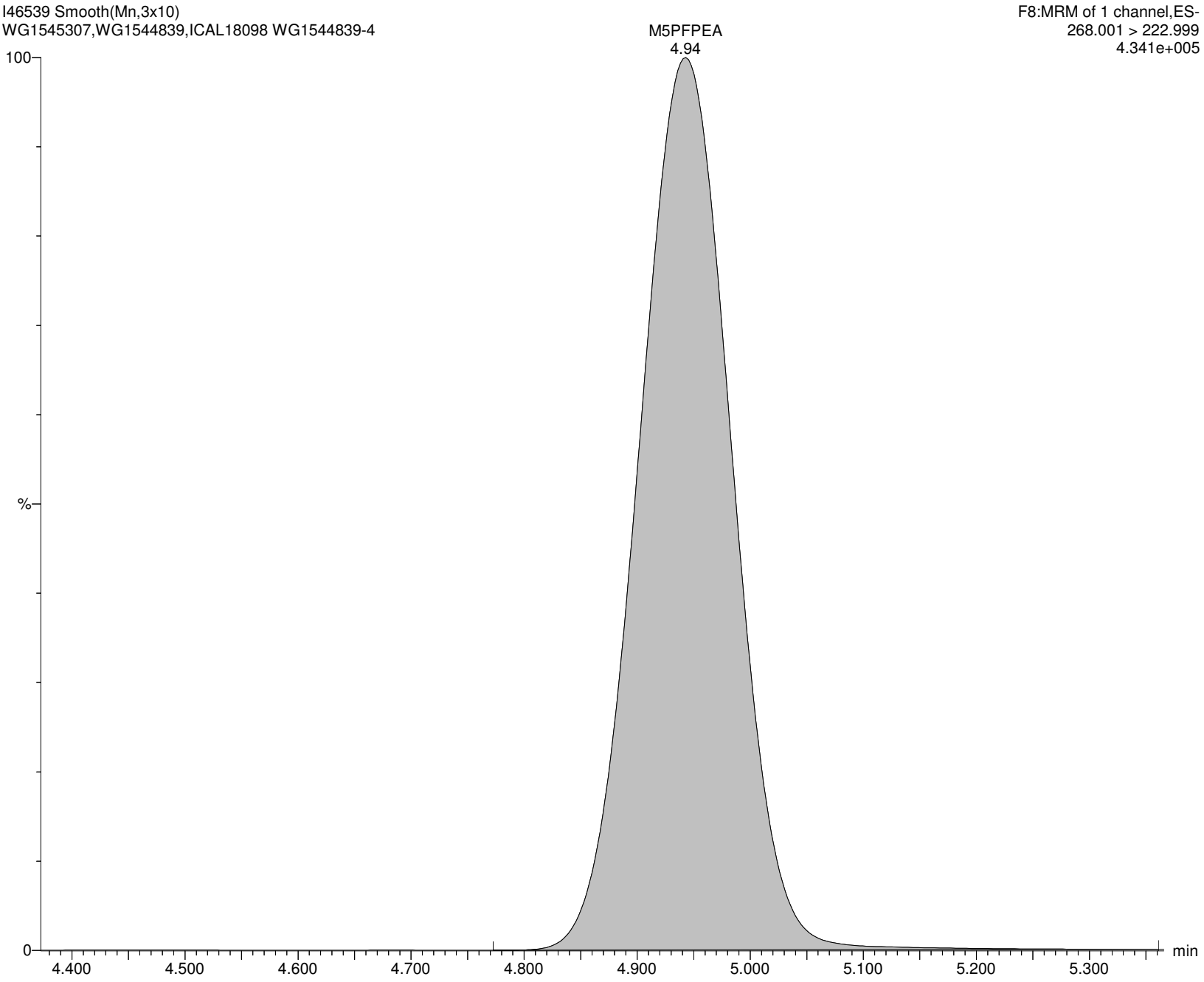


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:32:01 Eastern Daylight Time

Name: I46539
ID: WG1544839-4
Date: 11-Sep-2021
Time: 16:42:17
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFPEA

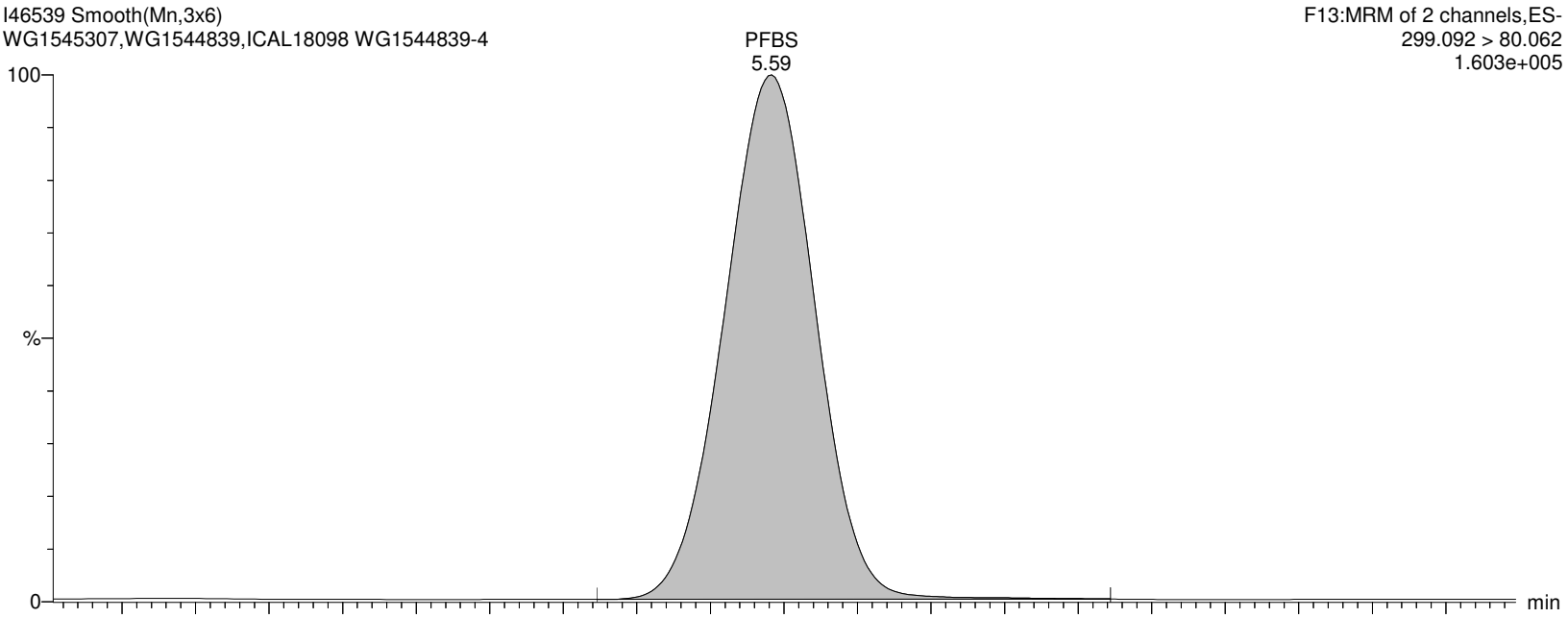


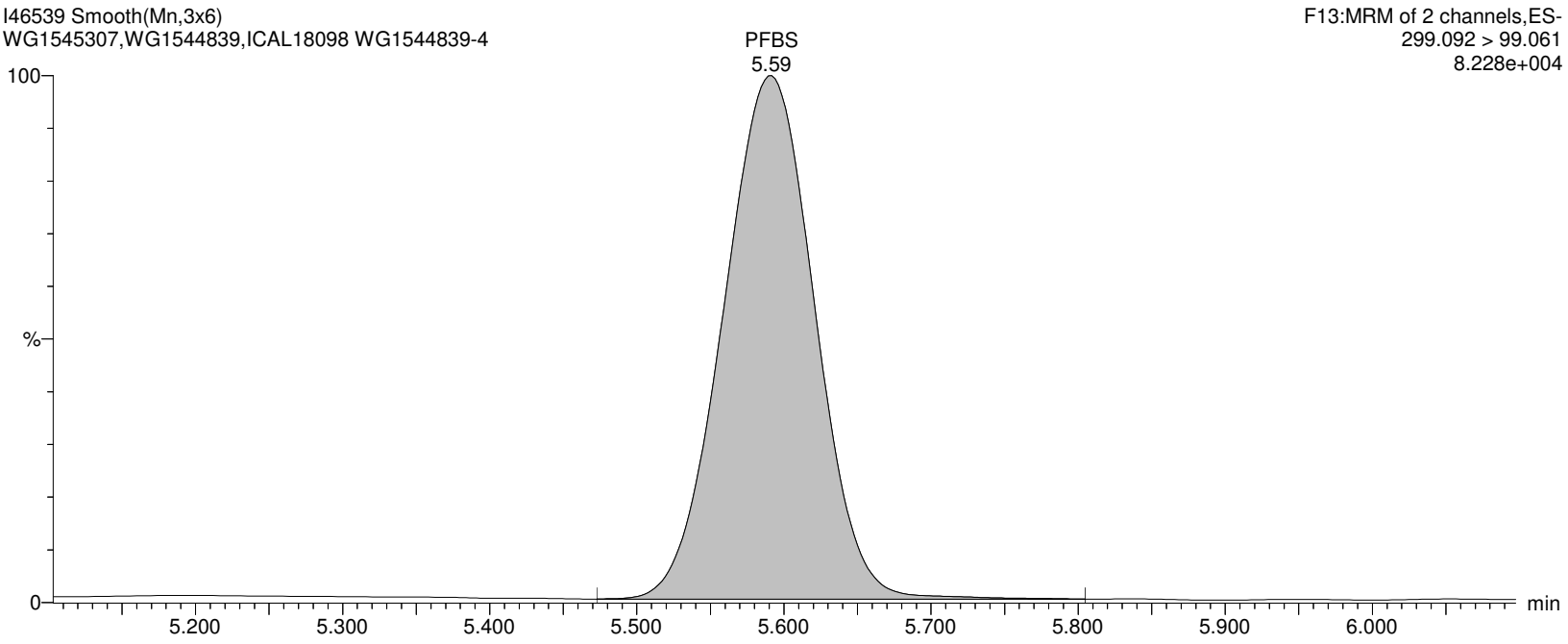
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:32:01 Eastern Daylight Time

Name: I46539
ID: WG1544839-4
Date: 11-Sep-2021
Time: 16:42:17
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBS



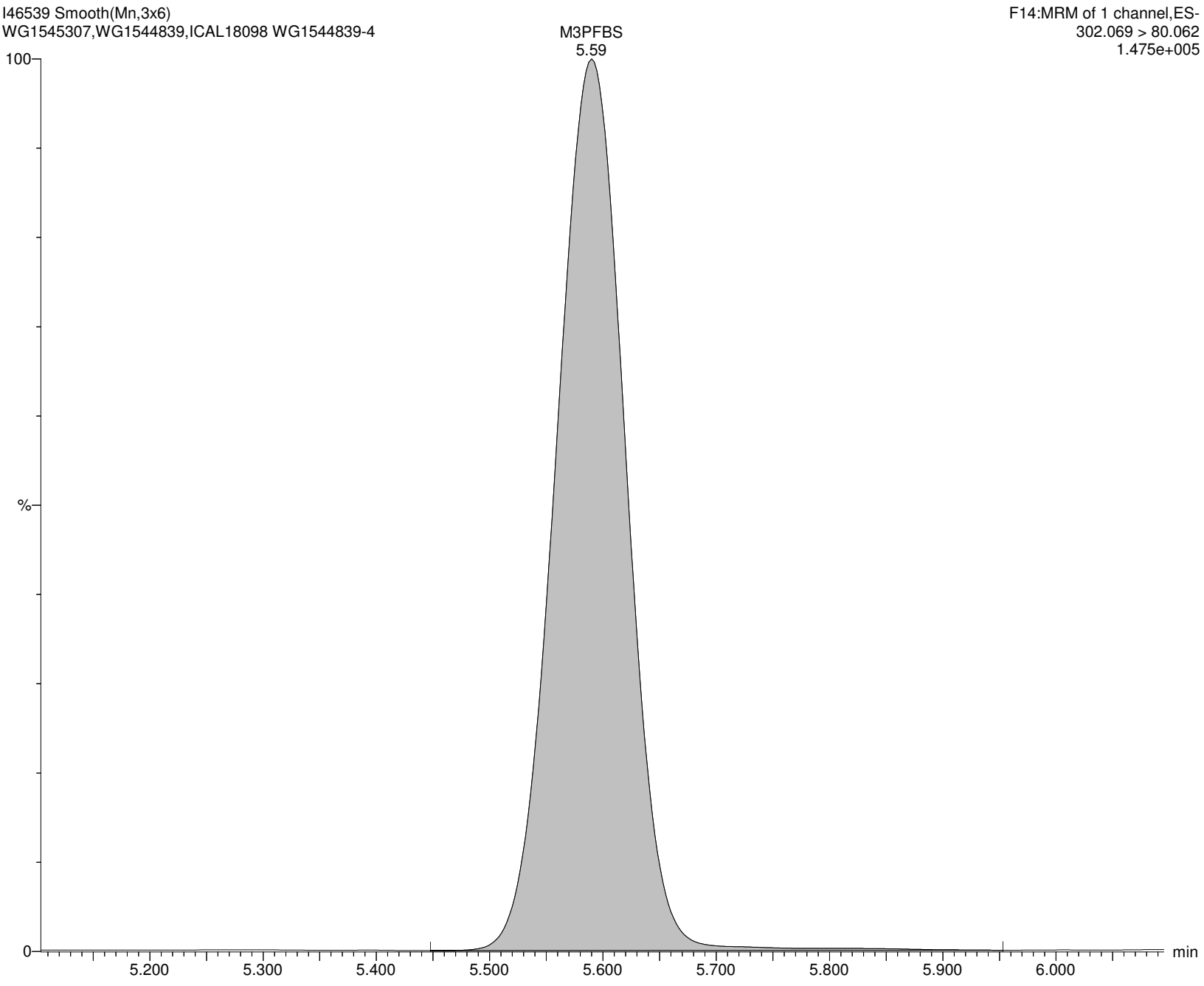


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:32:01 Eastern Daylight Time

Name: I46539
ID: WG1544839-4
Date: 11-Sep-2021
Time: 16:42:17
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBS

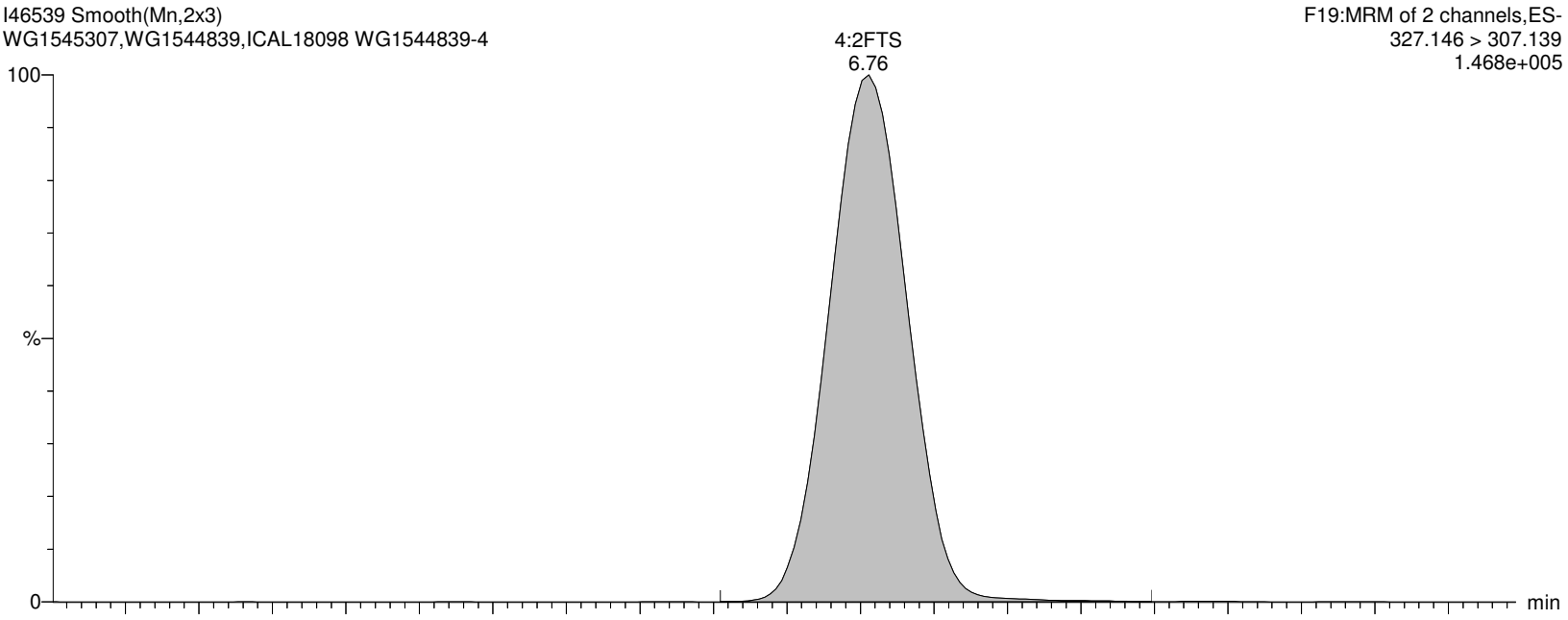


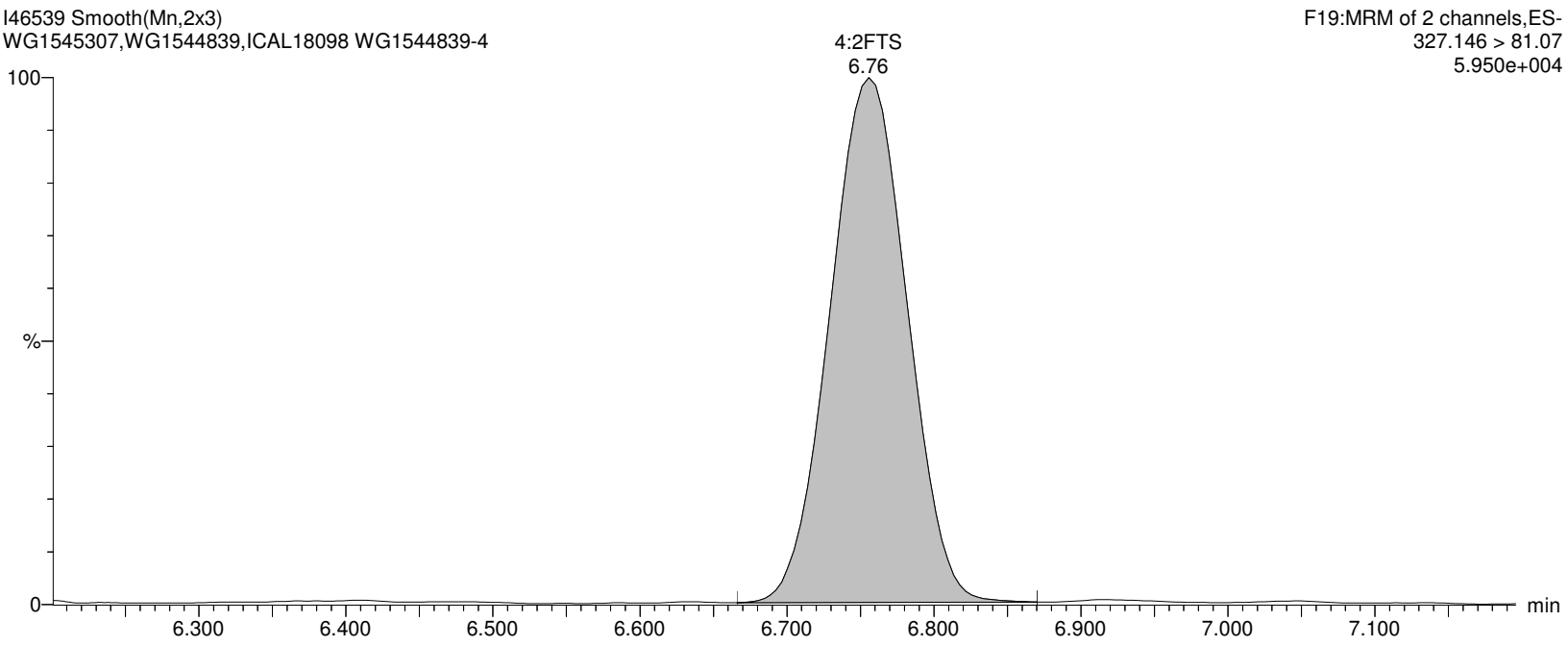
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:32:01 Eastern Daylight Time

Name: I46539
ID: WG1544839-4
Date: 11-Sep-2021
Time: 16:42:17
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

4:2FTS



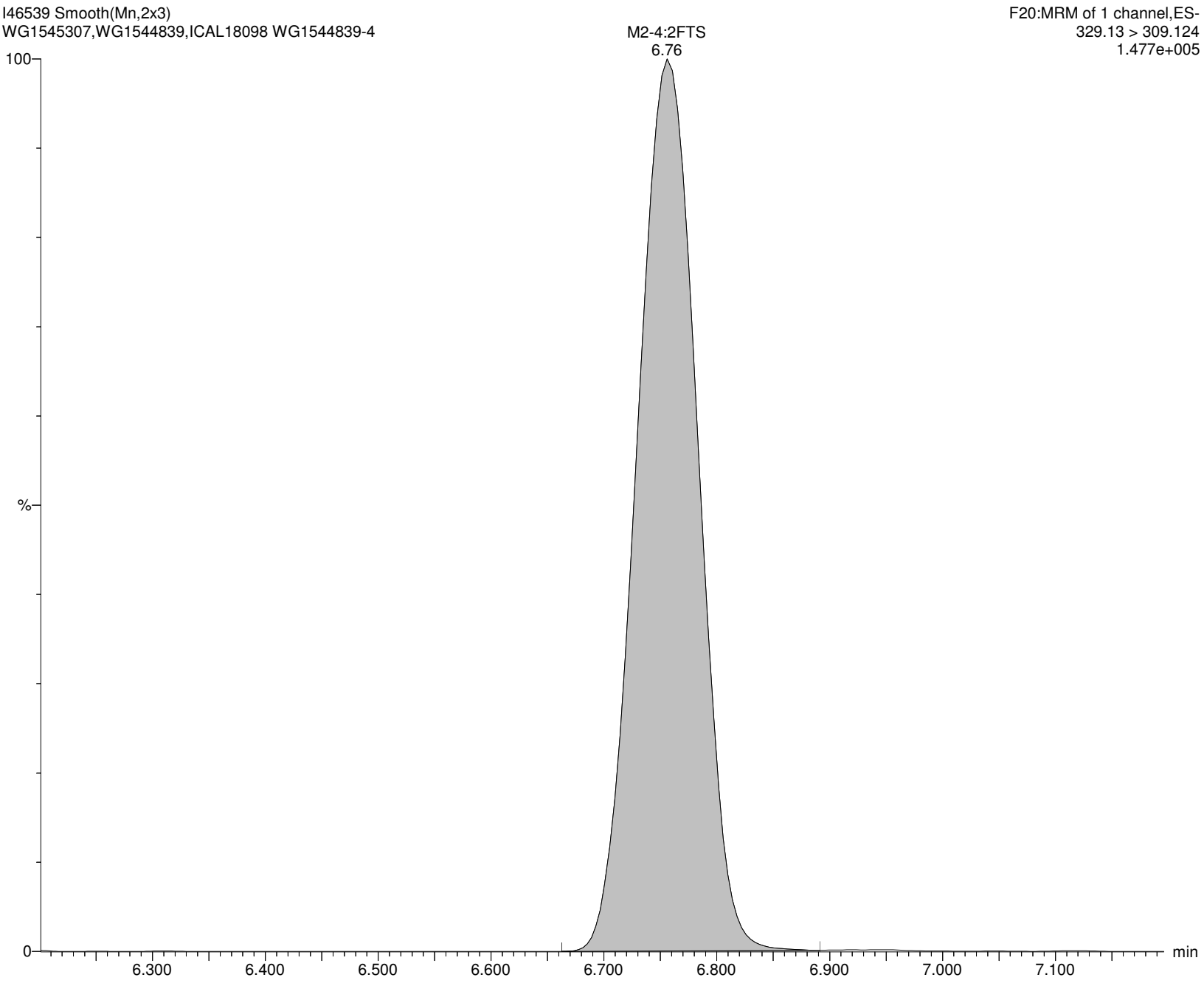


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:32:01 Eastern Daylight Time

Name: I46539
ID: WG1544839-4
Date: 11-Sep-2021
Time: 16:42:17
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-4:2FTS

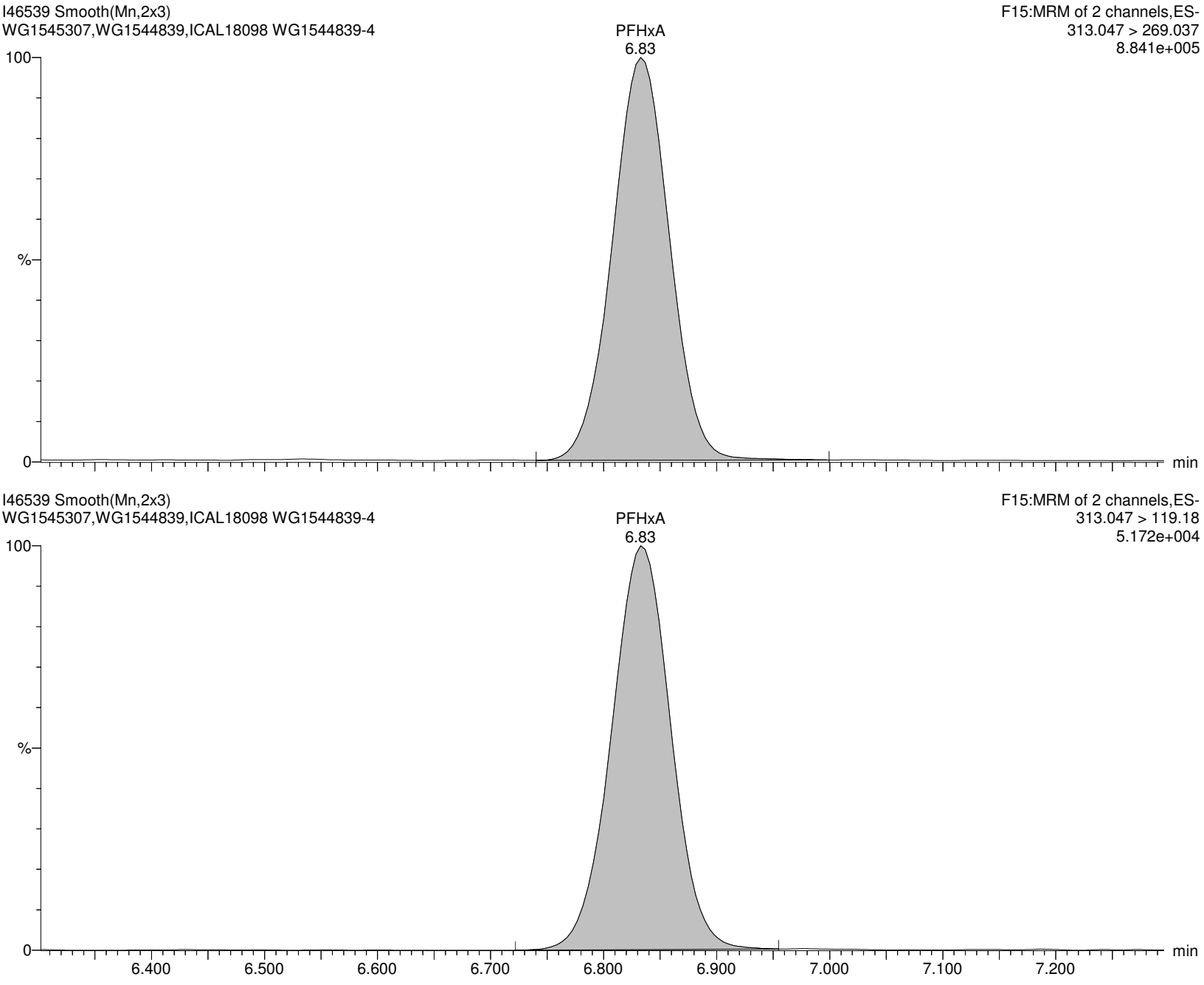


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:32:01 Eastern Daylight Time

Name: I46539
ID: WG1544839-4
Date: 11-Sep-2021
Time: 16:42:17
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxA

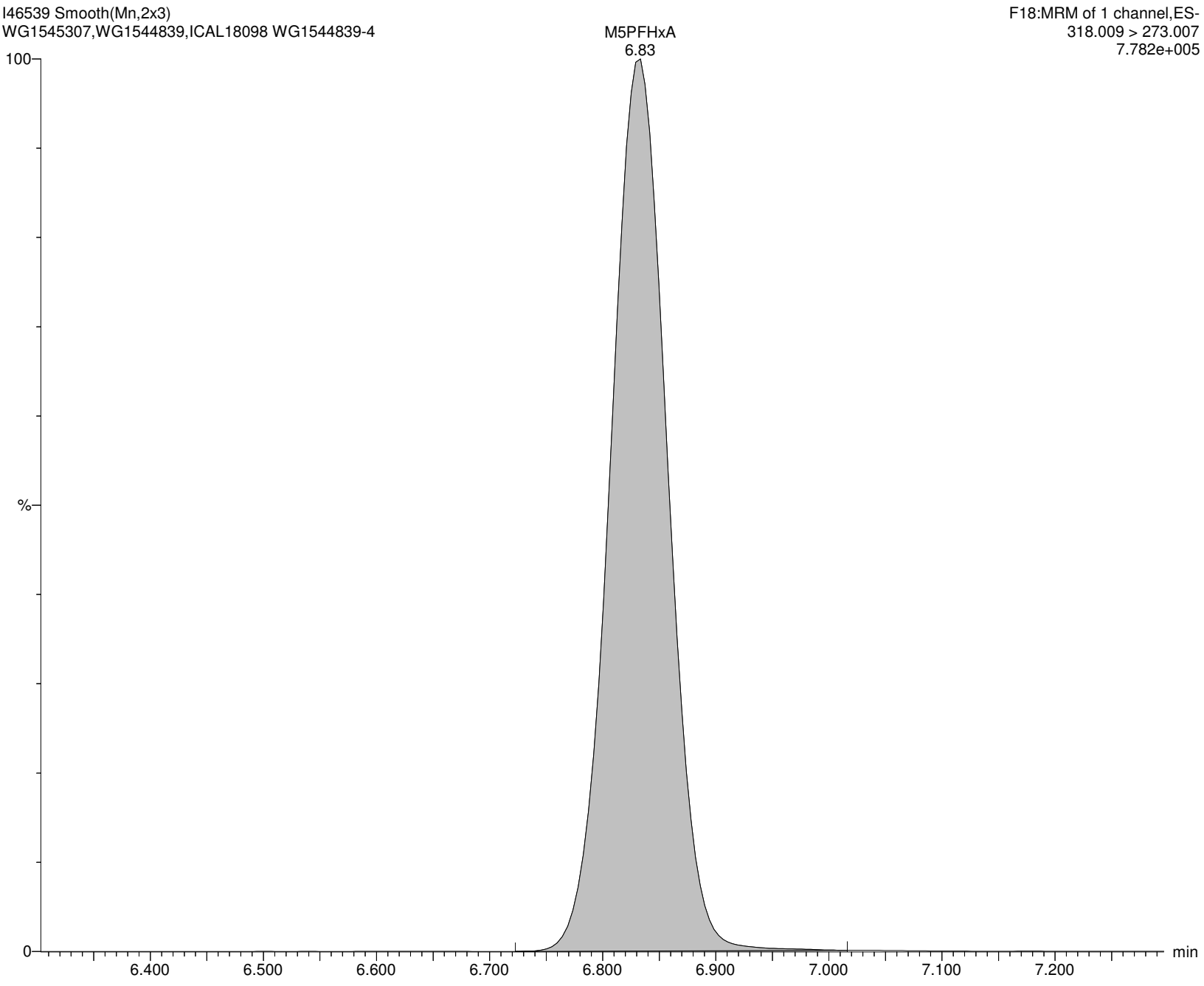


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:32:01 Eastern Daylight Time

Name: I46539
ID: WG1544839-4
Date: 11-Sep-2021
Time: 16:42:17
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFHxA

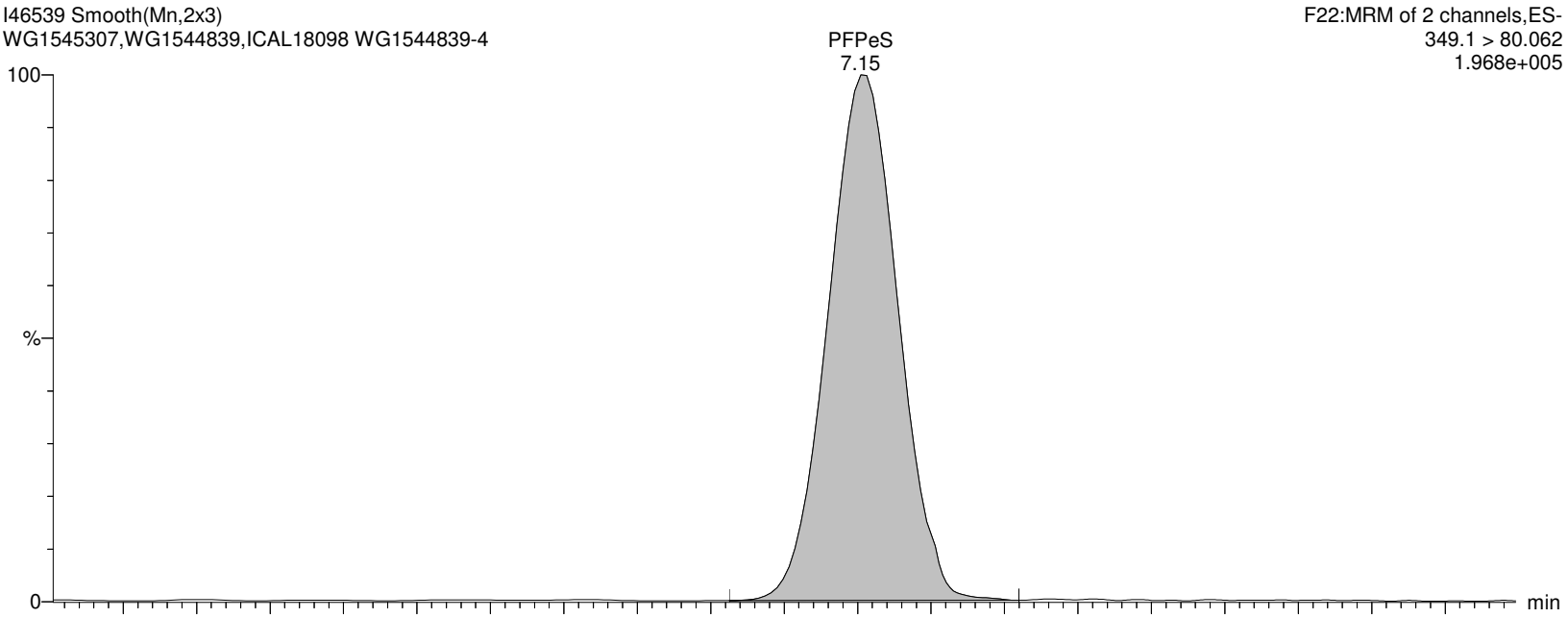


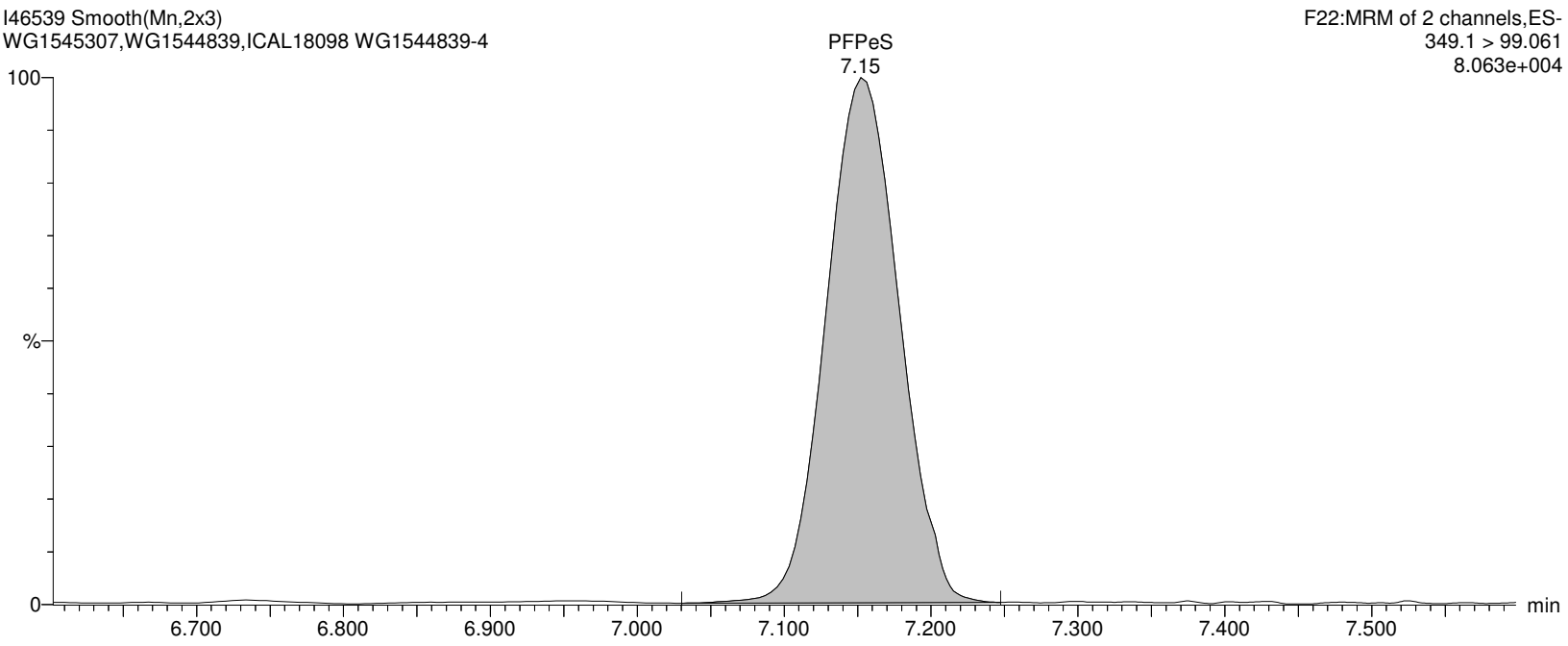
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:32:01 Eastern Daylight Time

Name: I46539
ID: WG1544839-4
Date: 11-Sep-2021
Time: 16:42:17
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeS



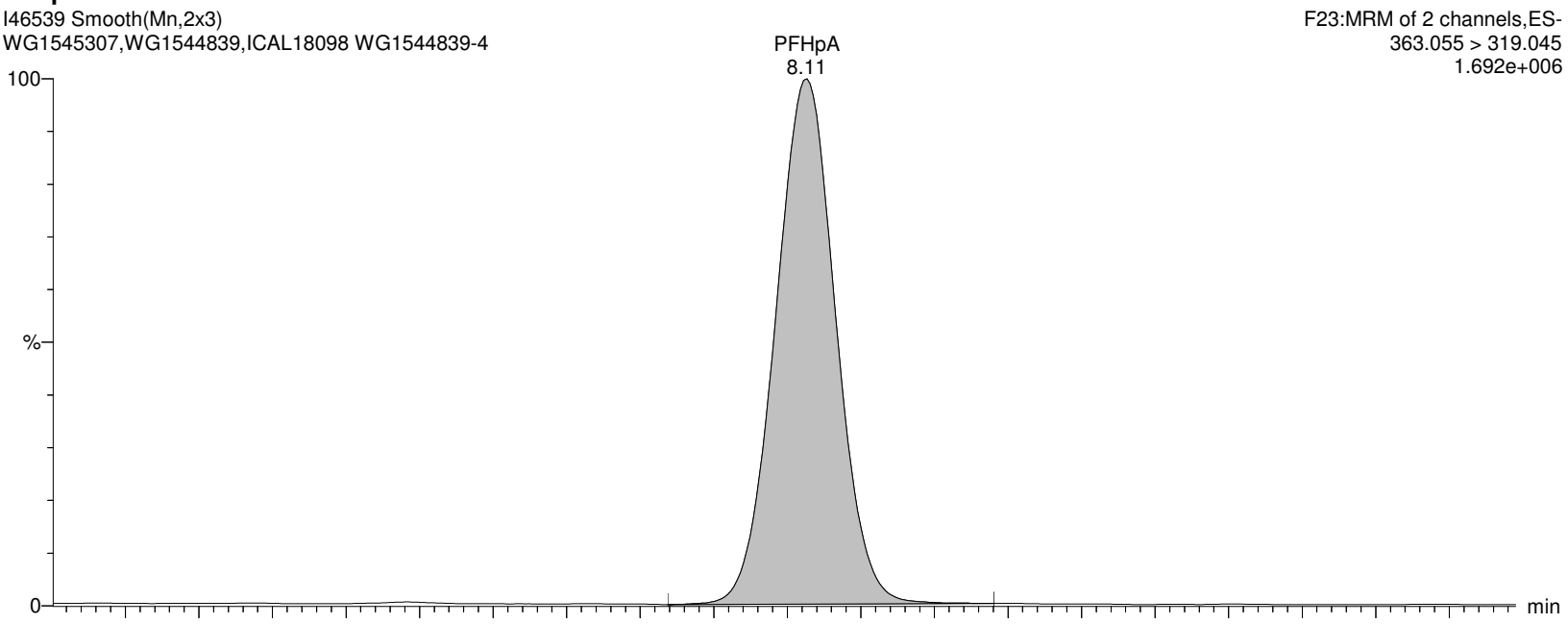


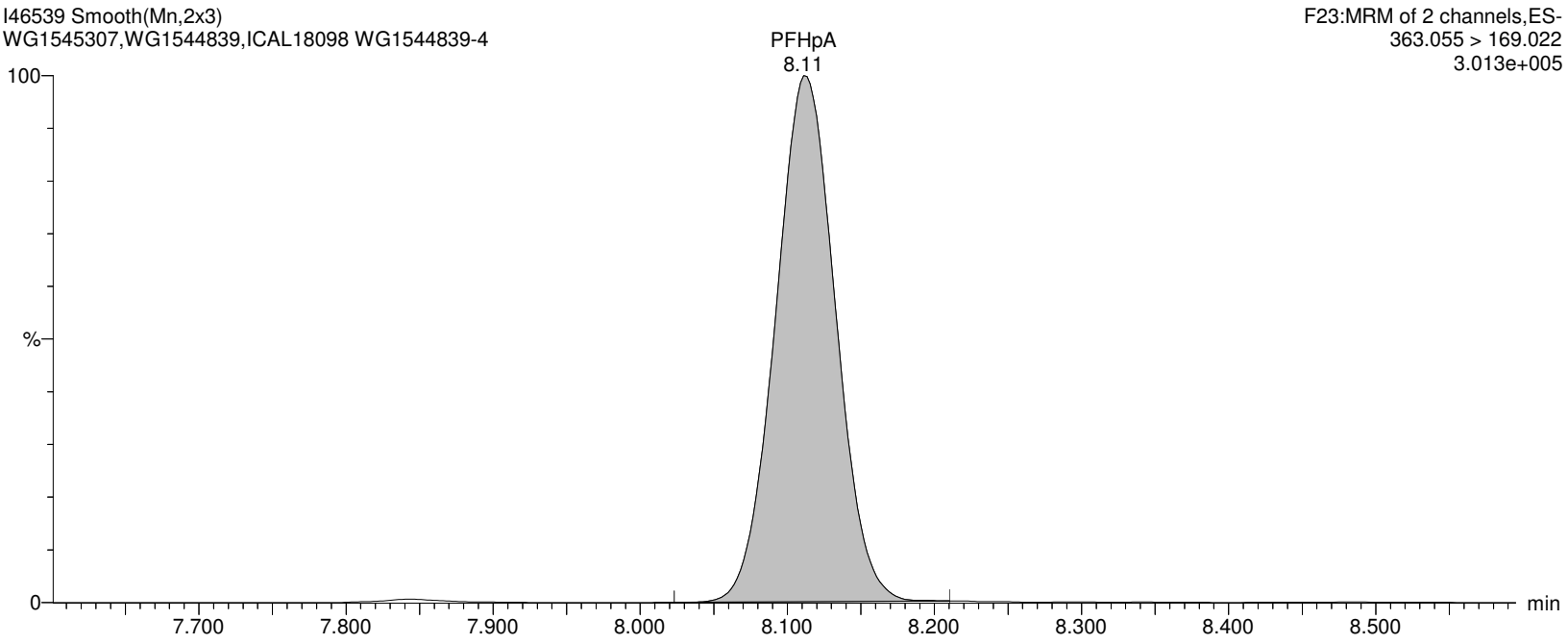
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:32:01 Eastern Daylight Time

Name: I46539
ID: WG1544839-4
Date: 11-Sep-2021
Time: 16:42:17
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpA



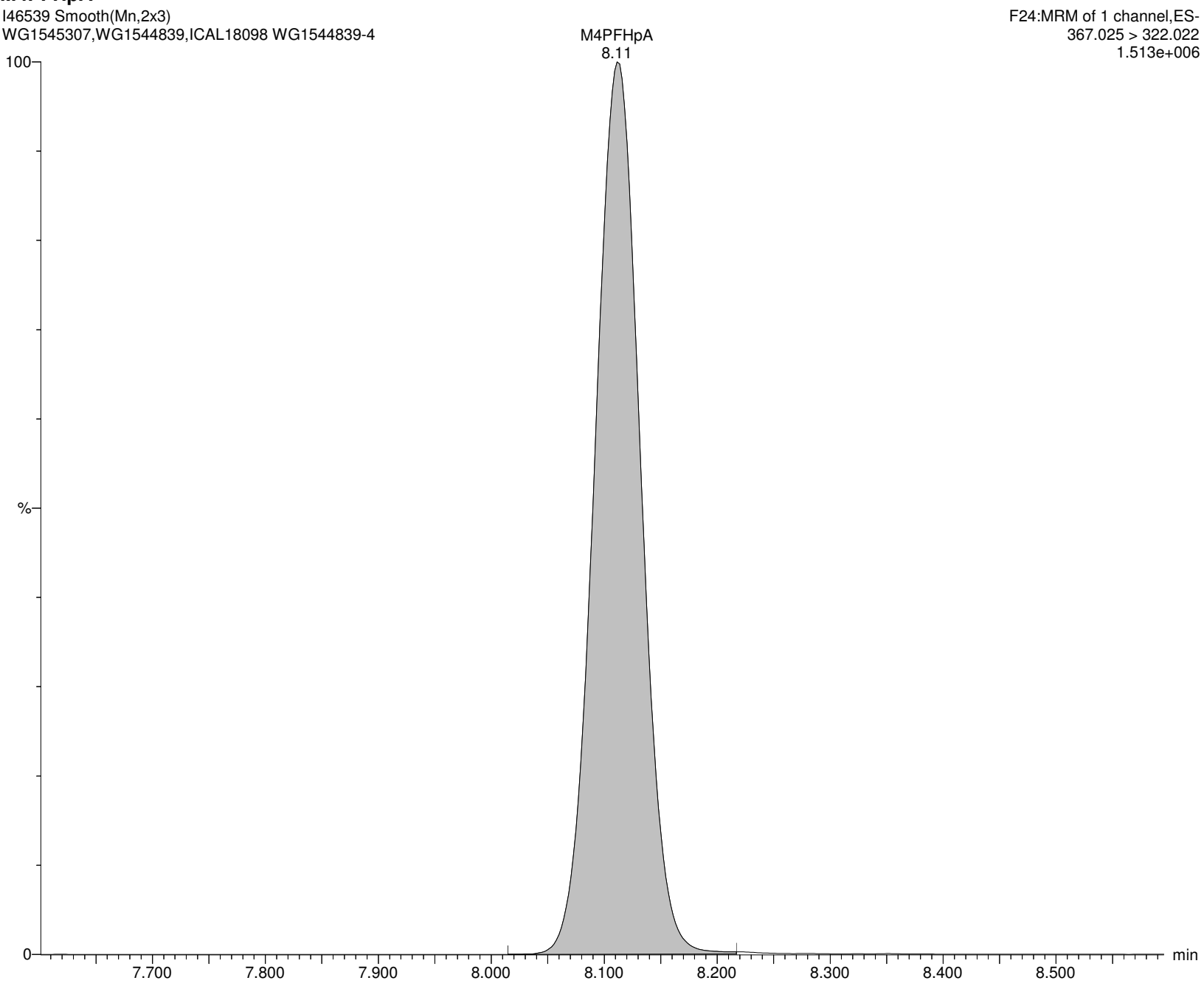


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:32:01 Eastern Daylight Time

Name: I46539
ID: WG1544839-4
Date: 11-Sep-2021
Time: 16:42:17
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFHpA

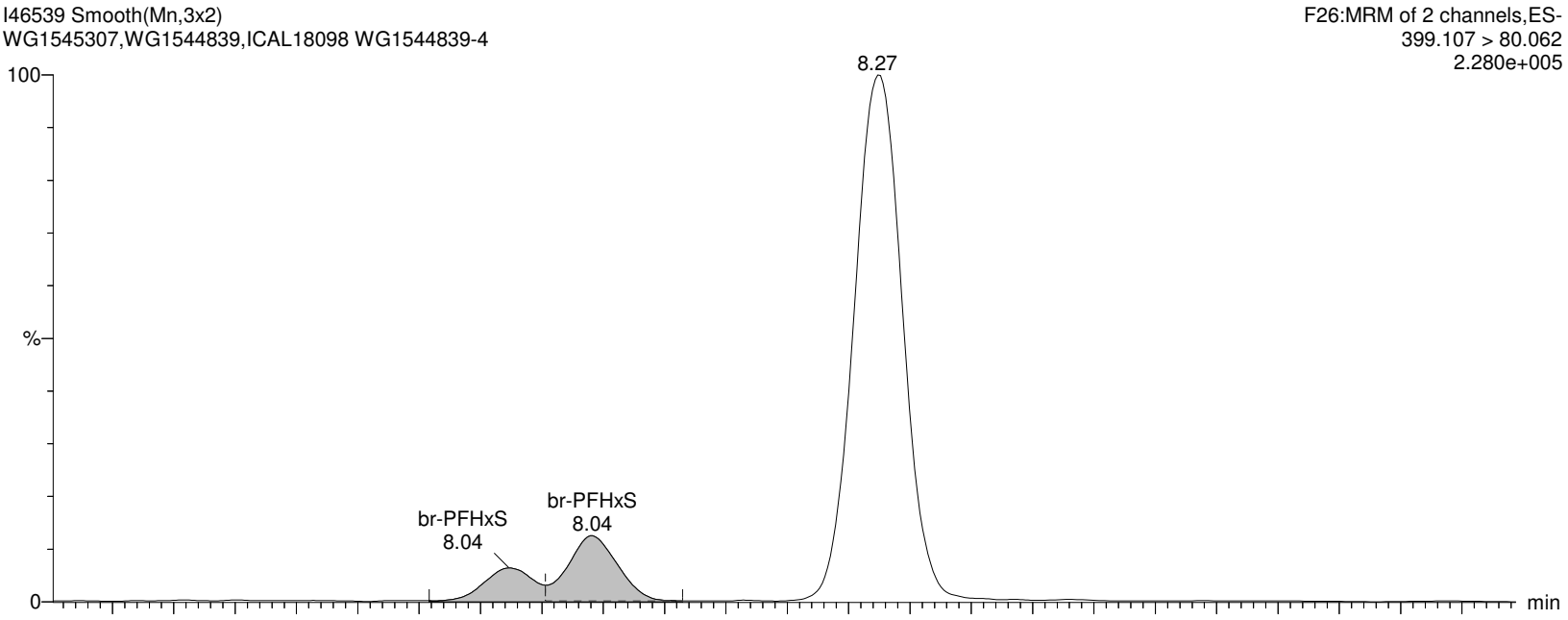


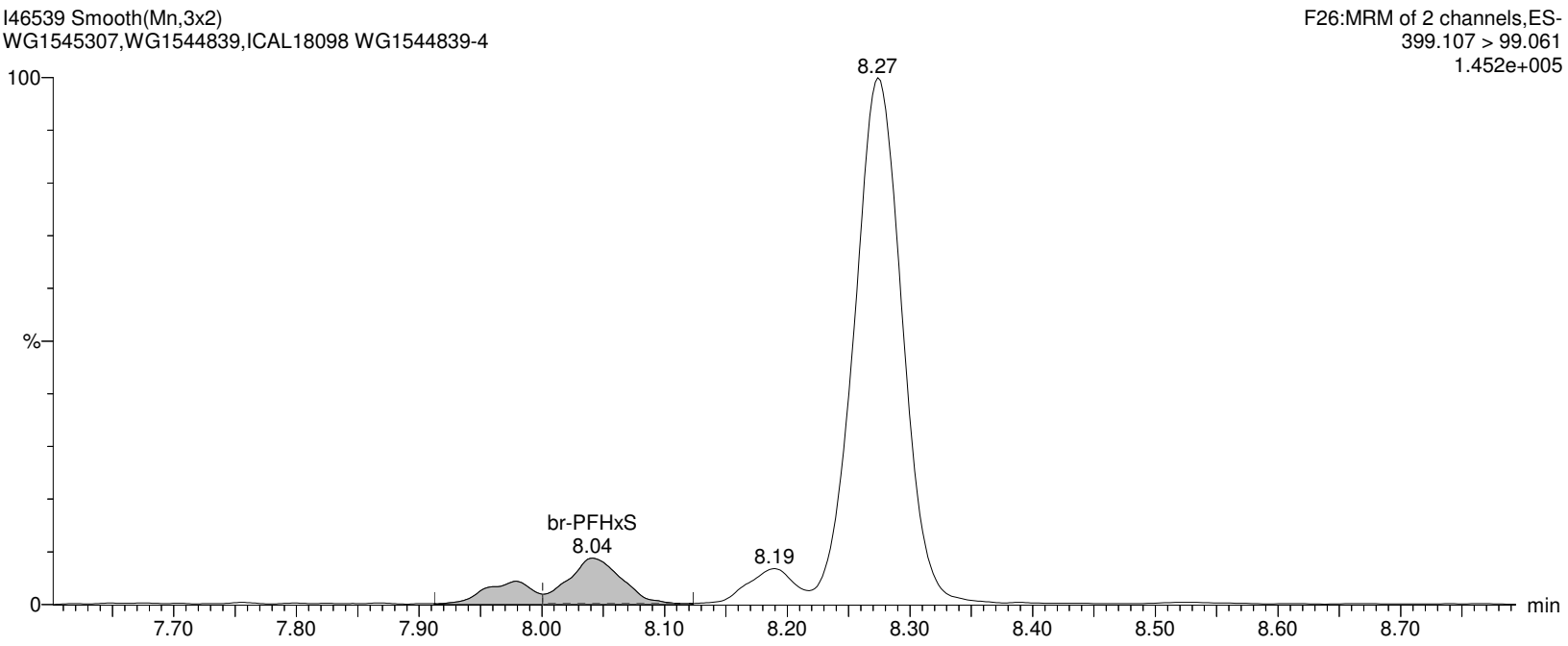
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:32:01 Eastern Daylight Time

Name: I46539
ID: WG1544839-4
Date: 11-Sep-2021
Time: 16:42:17
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFHxS



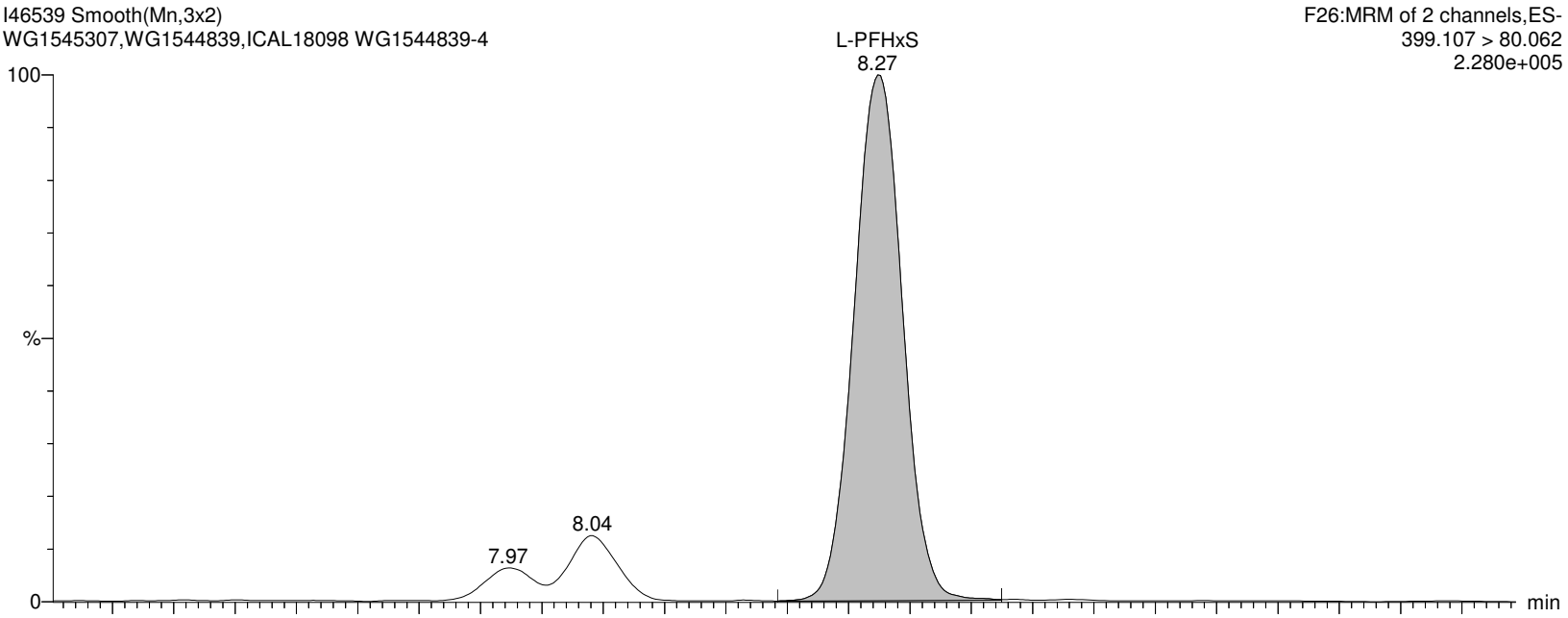


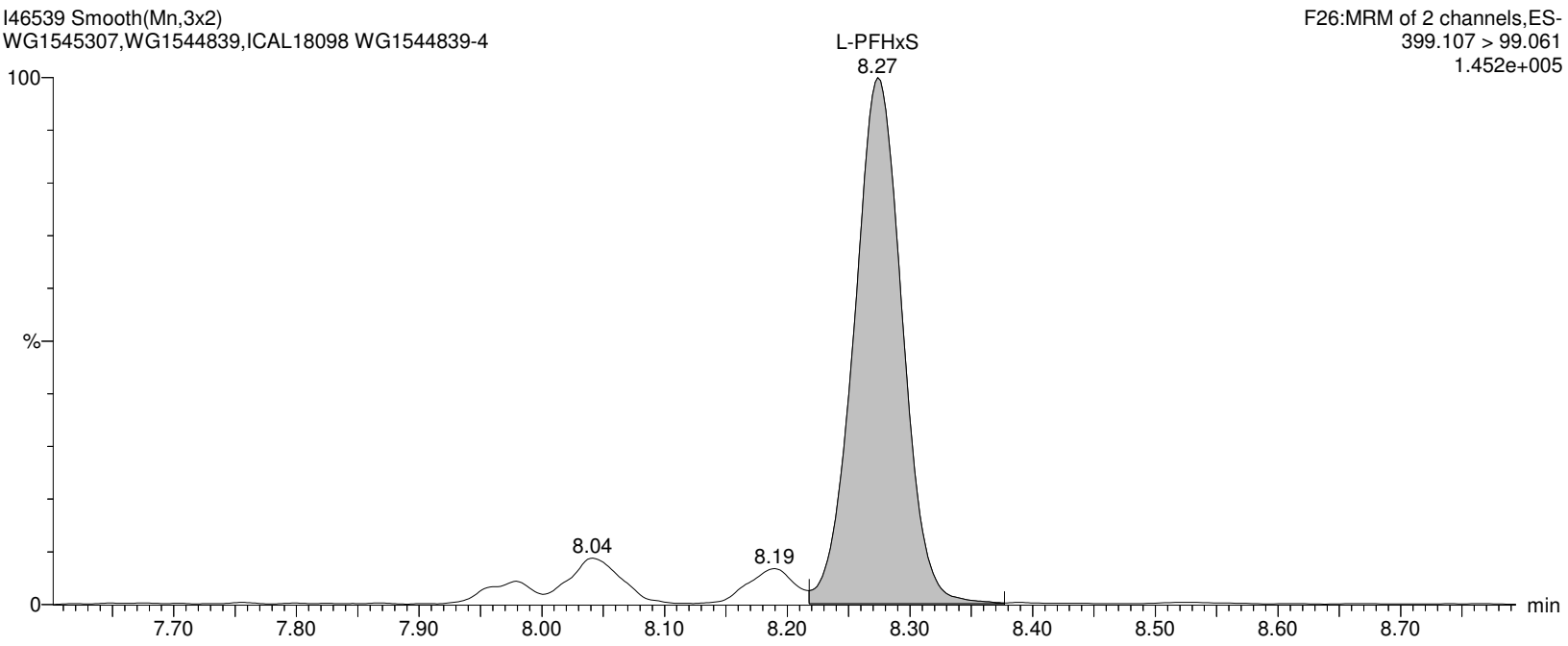
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:32:01 Eastern Daylight Time

Name: I46539
ID: WG1544839-4
Date: 11-Sep-2021
Time: 16:42:17
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFHxS



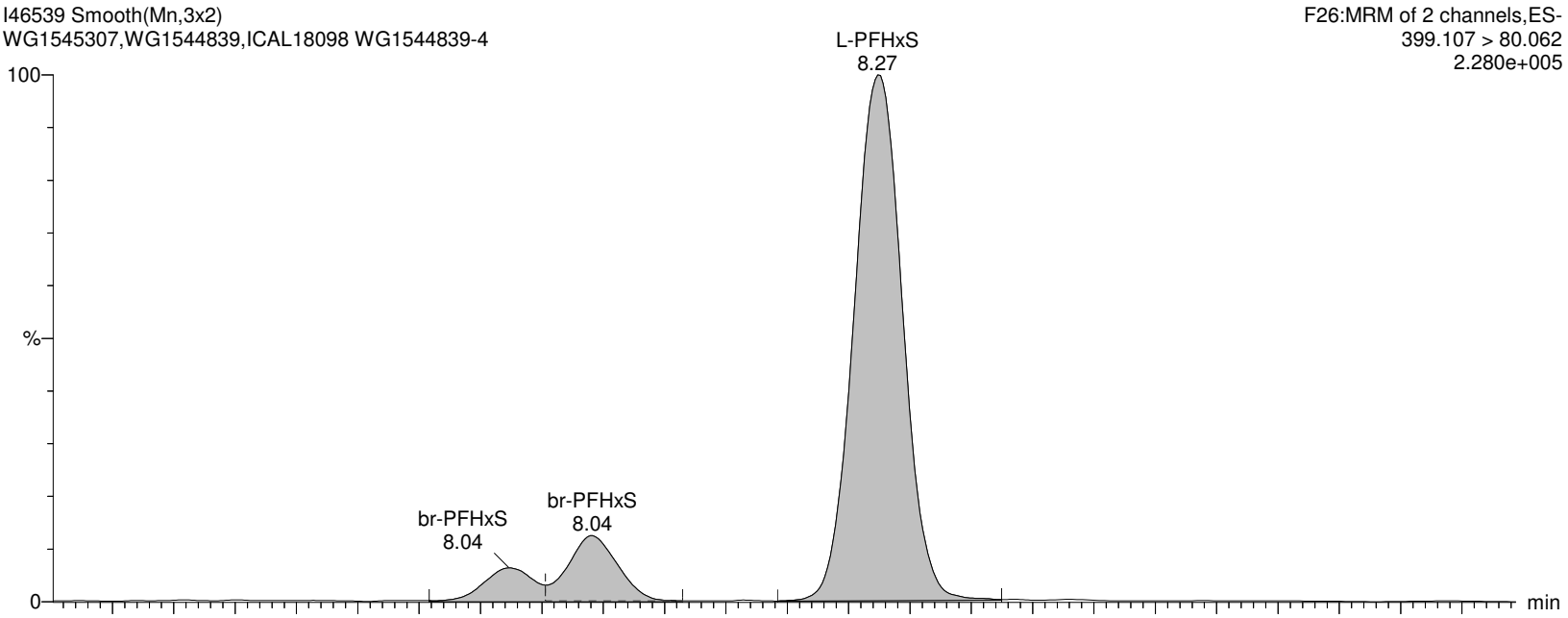


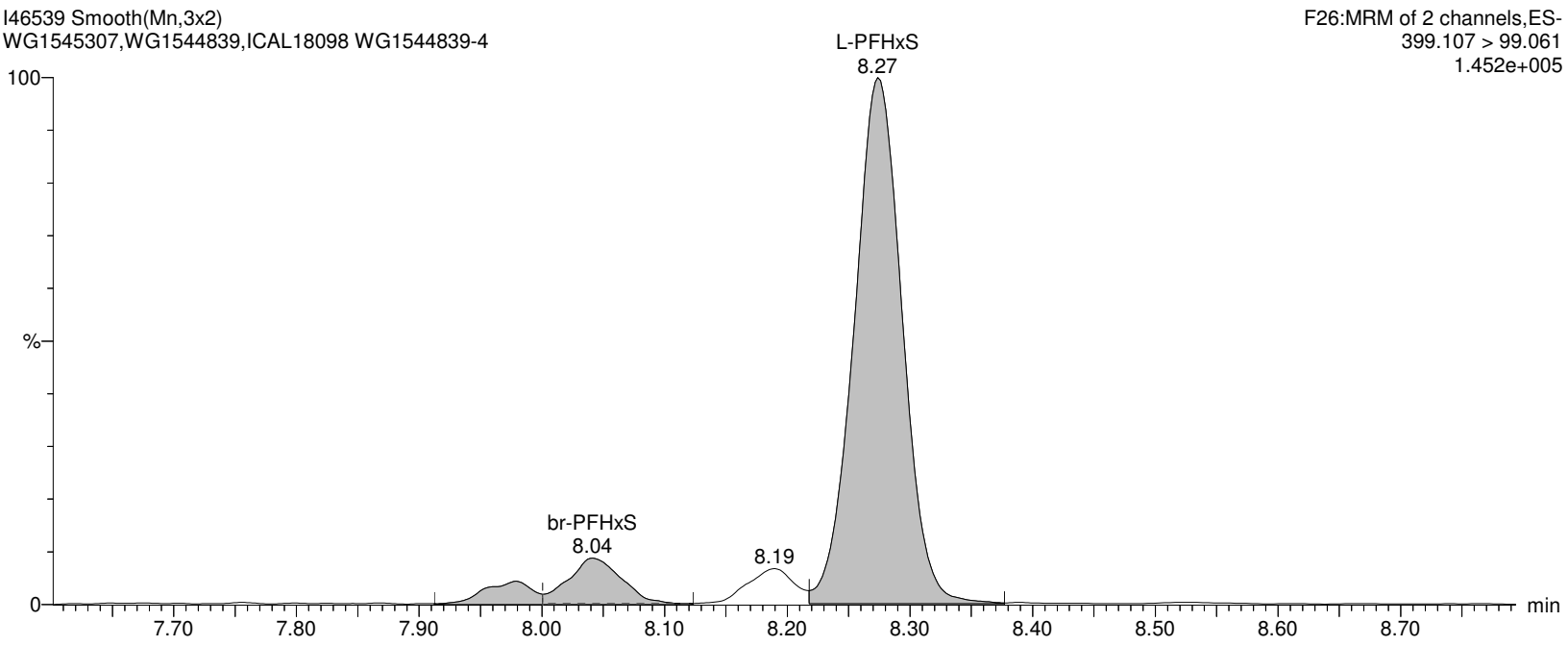
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:32:01 Eastern Daylight Time

Name: I46539
ID: WG1544839-4
Date: 11-Sep-2021
Time: 16:42:17
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxS



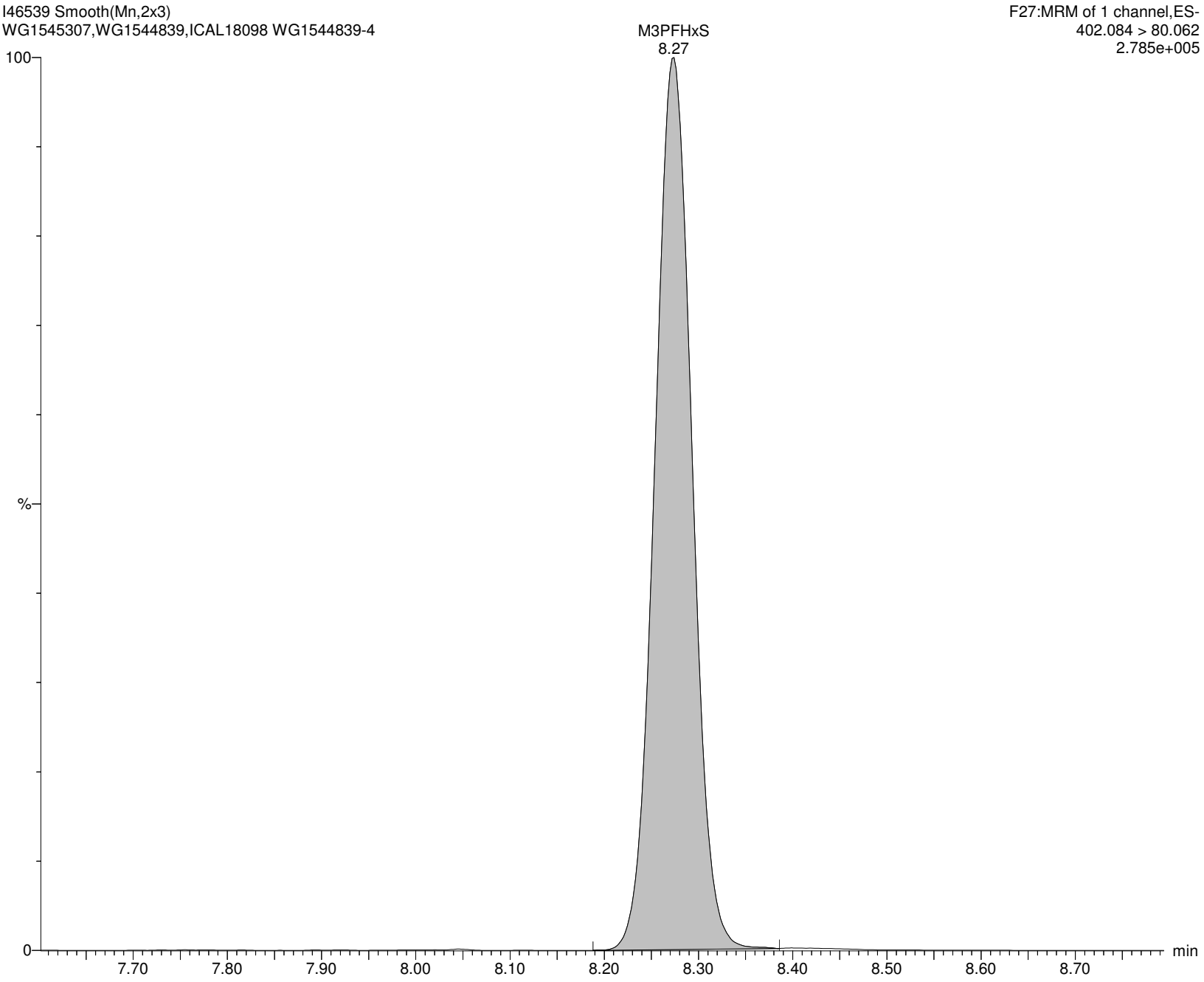


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:32:01 Eastern Daylight Time

Name: I46539
ID: WG1544839-4
Date: 11-Sep-2021
Time: 16:42:17
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFHxS

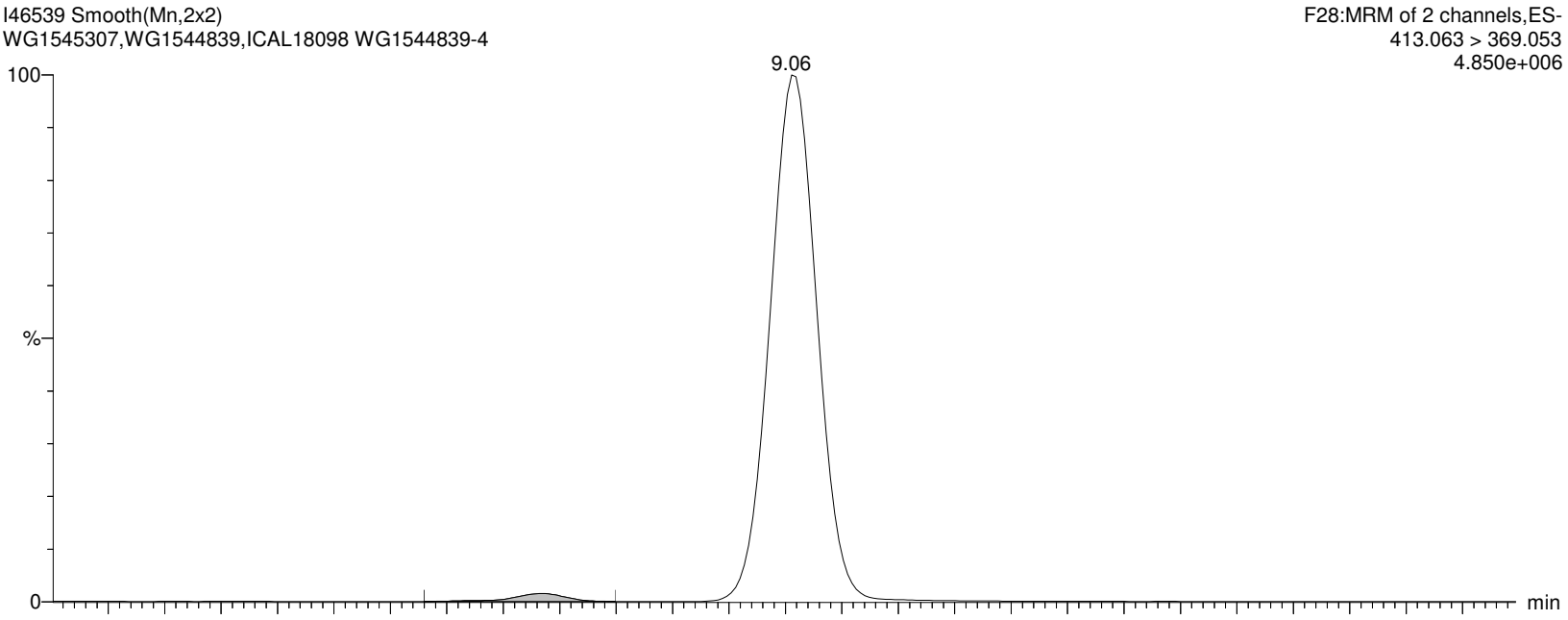


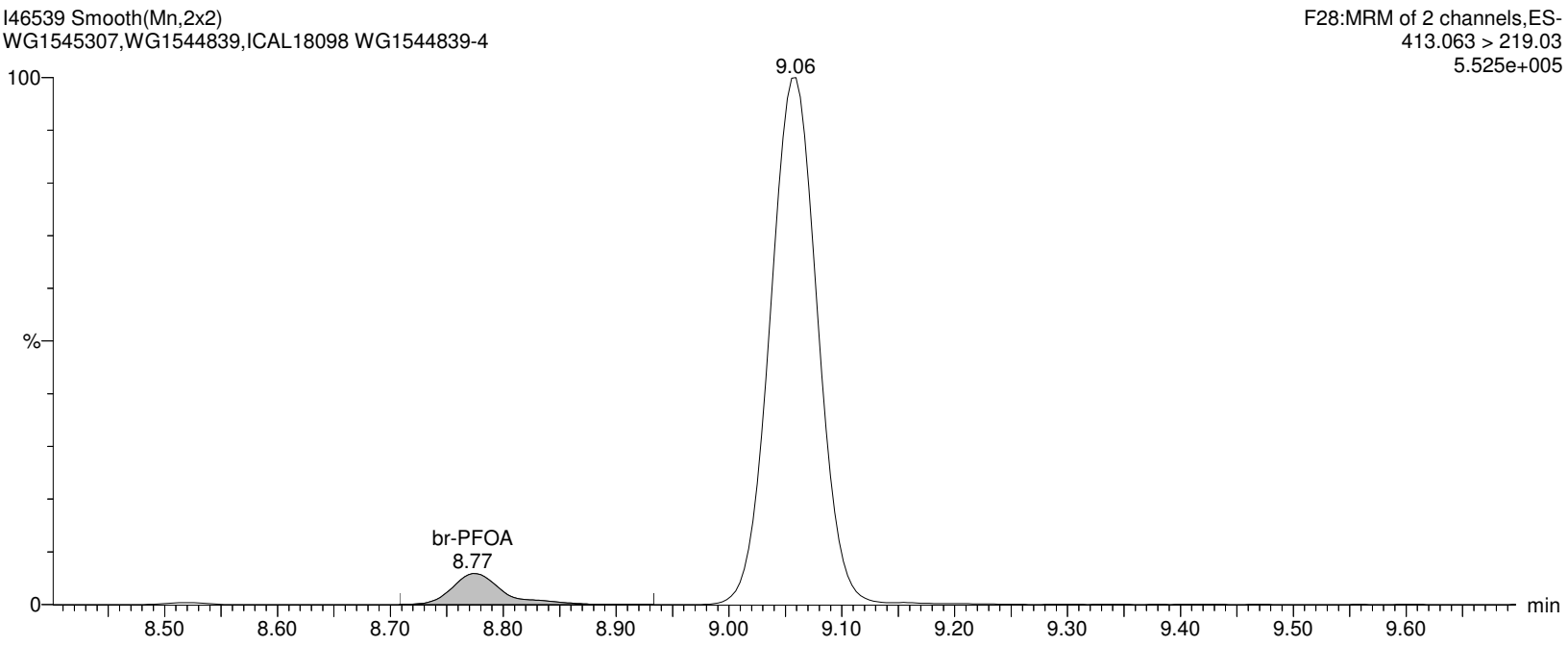
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:32:01 Eastern Daylight Time

Name: I46539
ID: WG1544839-4
Date: 11-Sep-2021
Time: 16:42:17
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOA



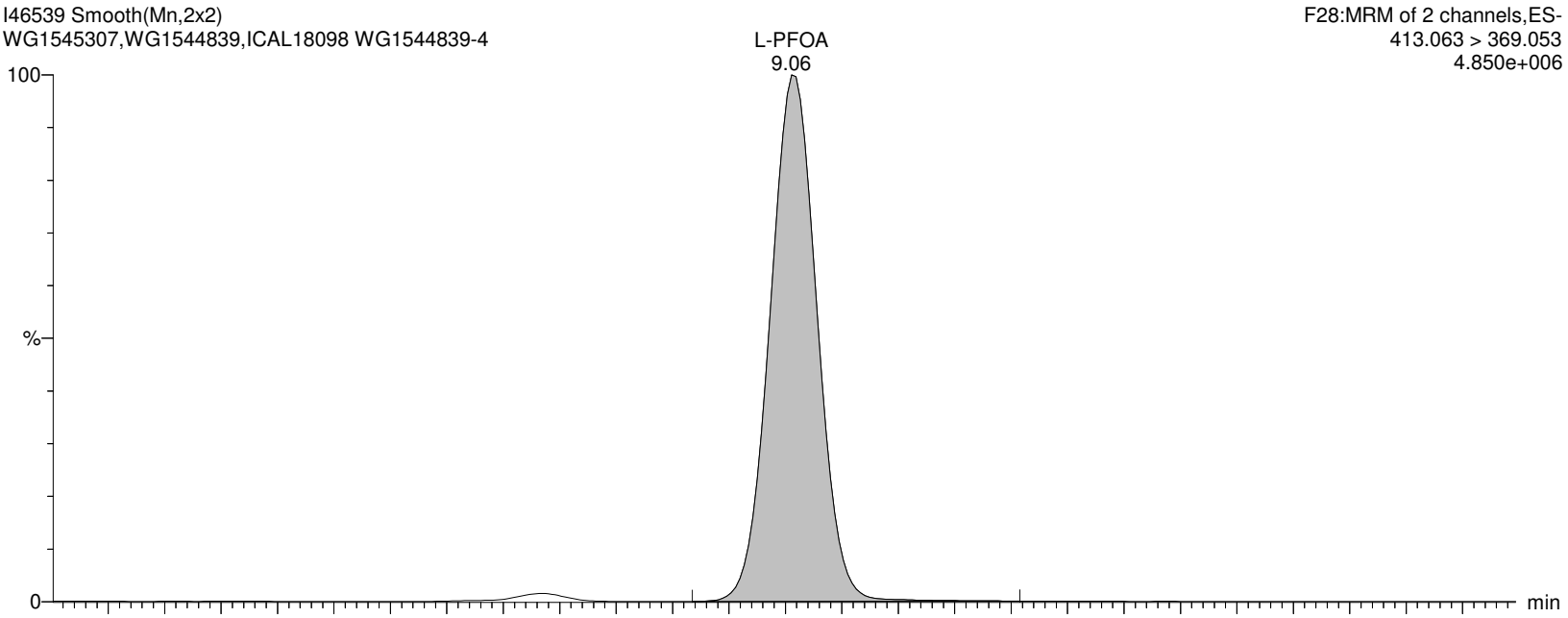


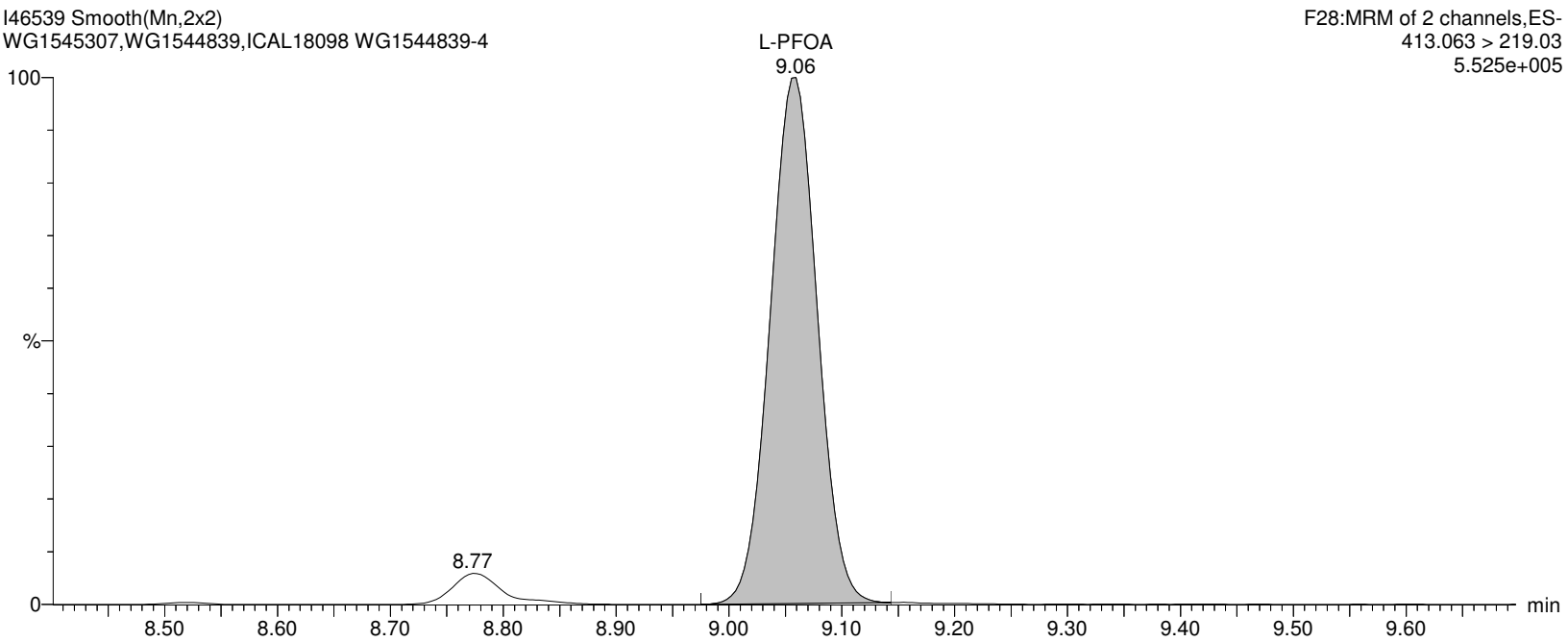
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:32:01 Eastern Daylight Time

Name: I46539
ID: WG1544839-4
Date: 11-Sep-2021
Time: 16:42:17
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOA



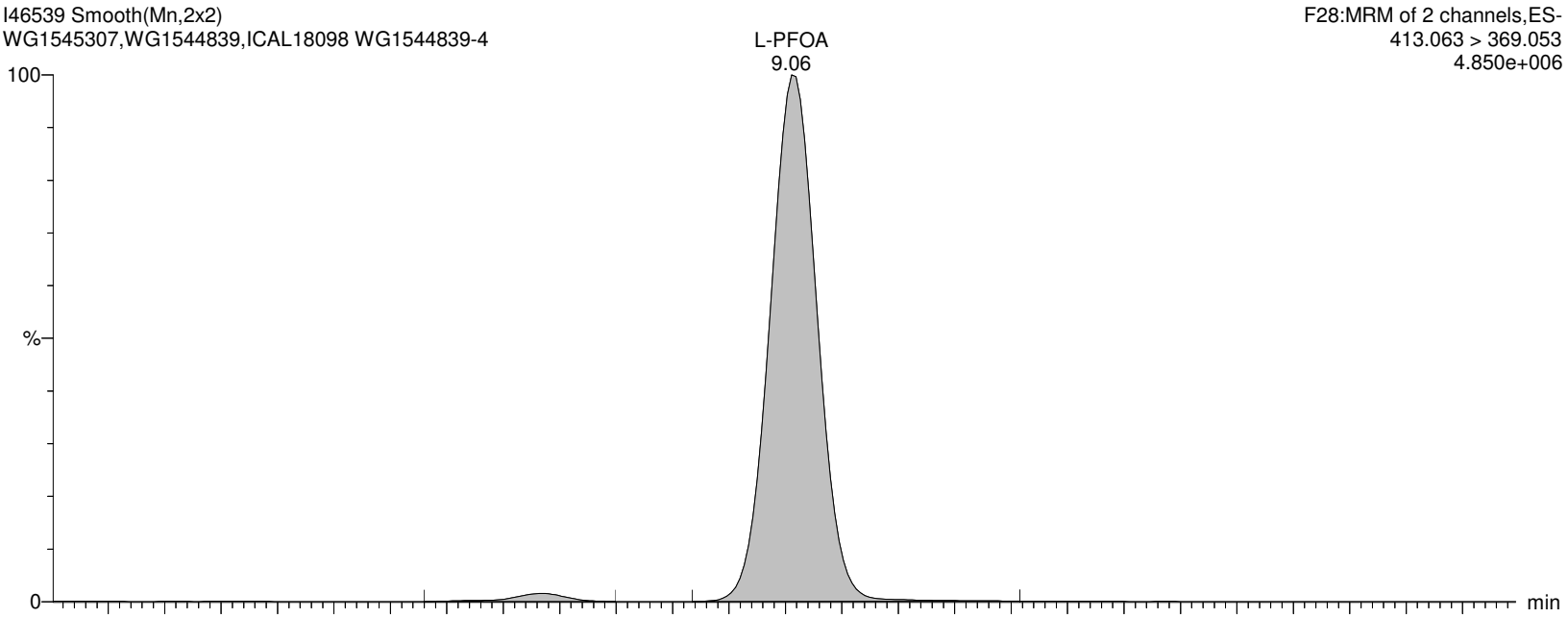


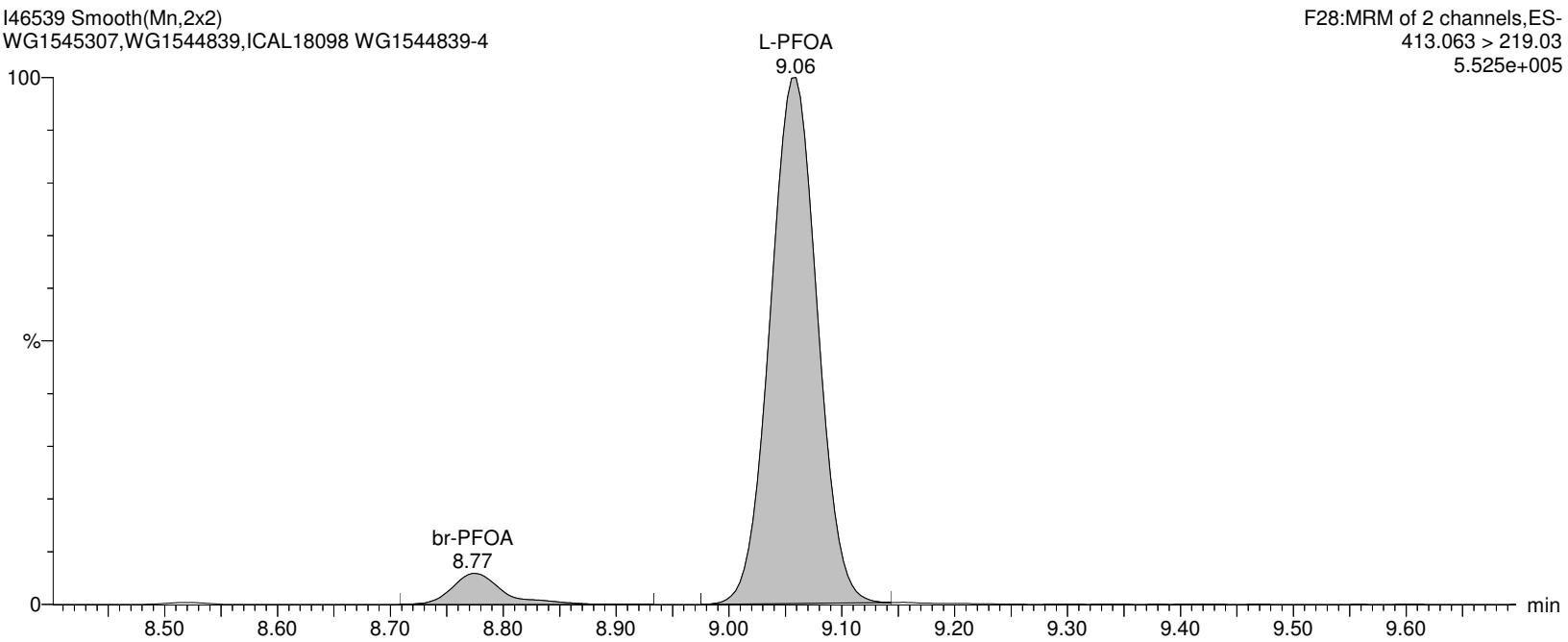
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:32:01 Eastern Daylight Time

Name: I46539
ID: WG1544839-4
Date: 11-Sep-2021
Time: 16:42:17
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOA



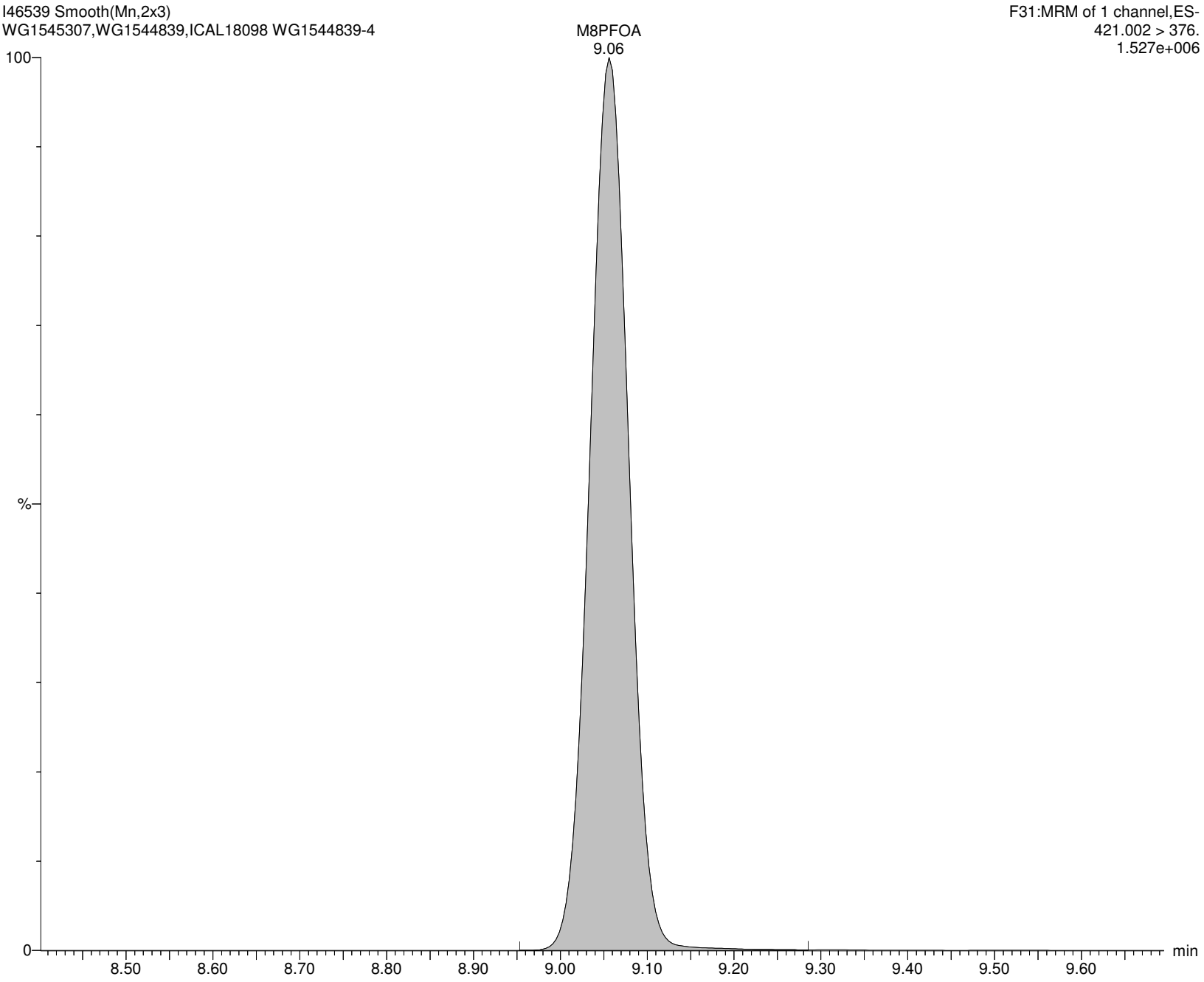


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:32:01 Eastern Daylight Time

Name: I46539
ID: WG1544839-4
Date: 11-Sep-2021
Time: 16:42:17
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOA

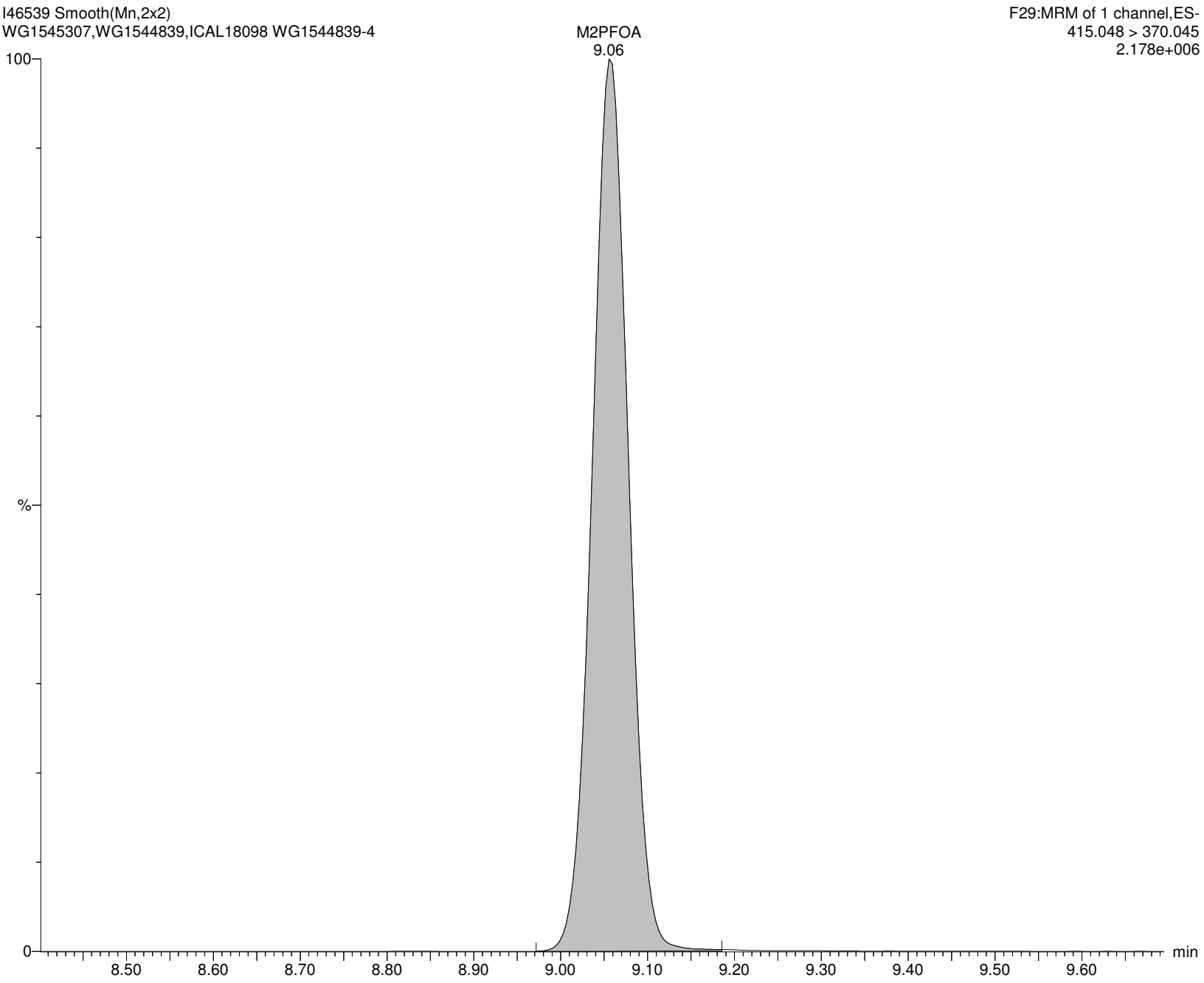


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:32:01 Eastern Daylight Time

Name: I46539
ID: WG1544839-4
Date: 11-Sep-2021
Time: 16:42:17
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFOA

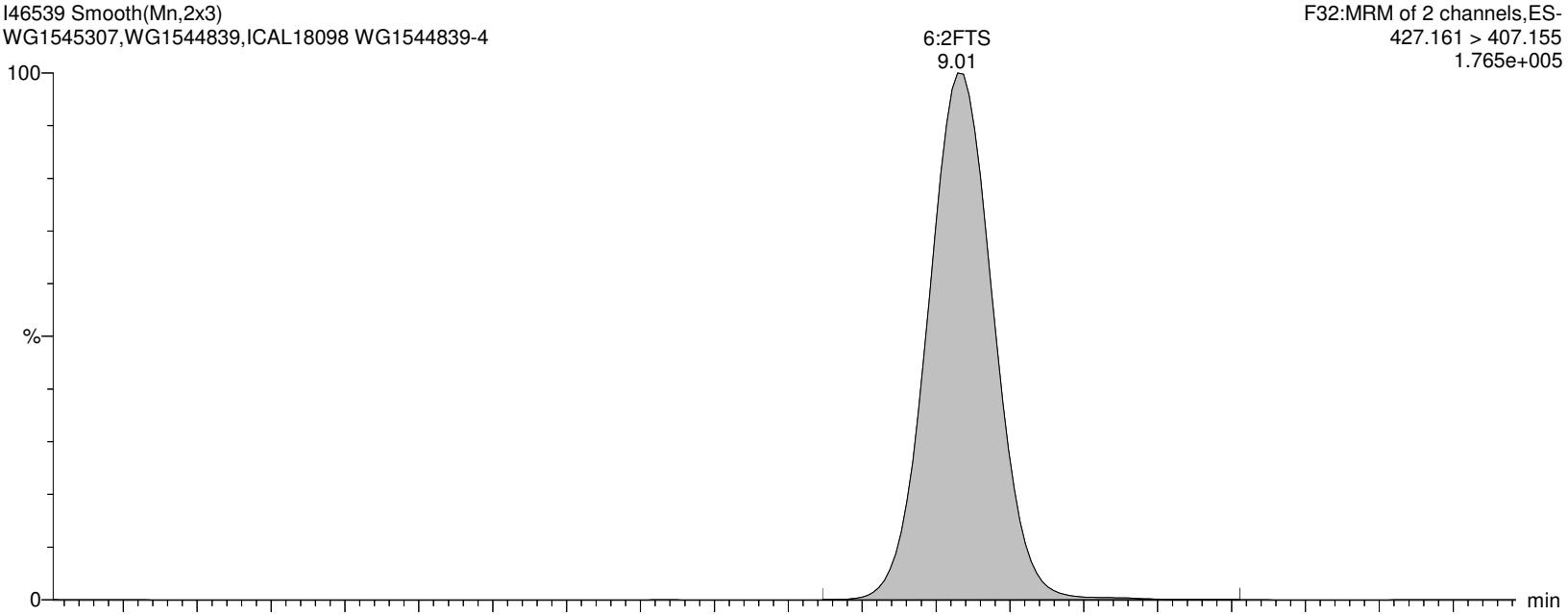


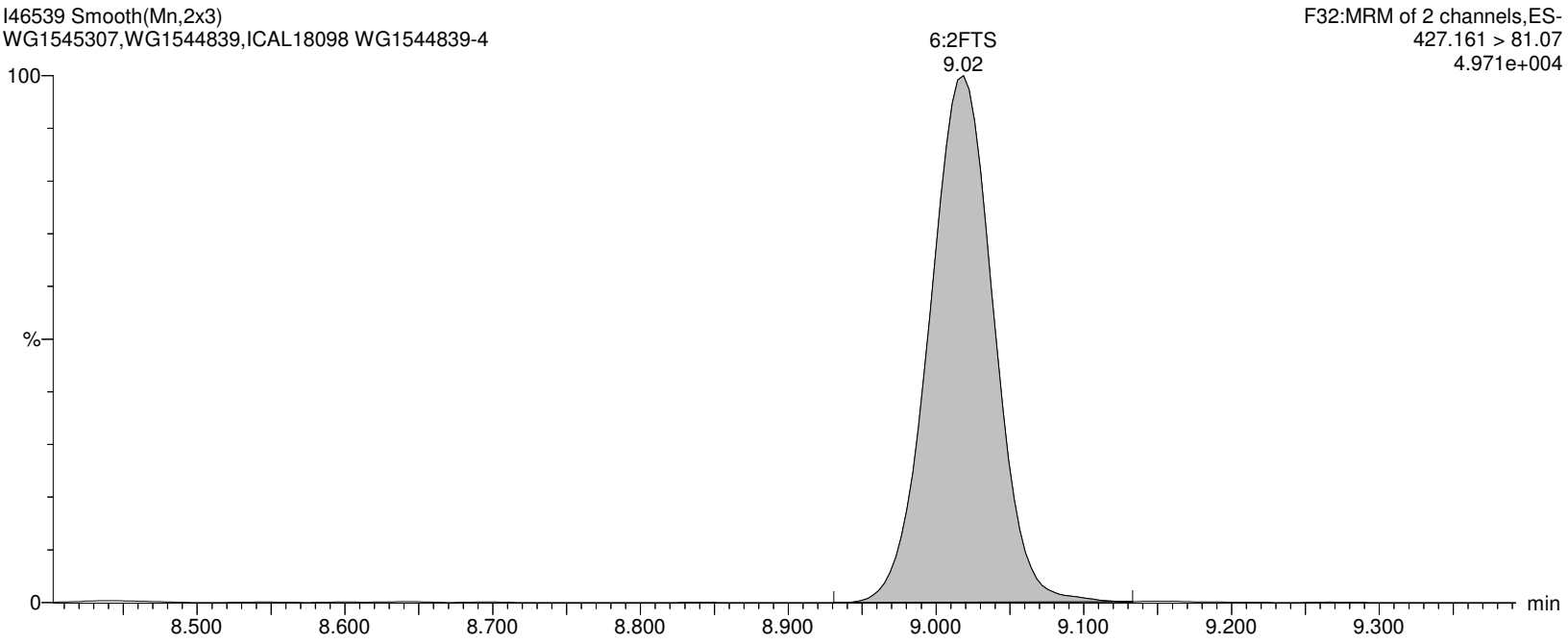
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:32:01 Eastern Daylight Time

Name: I46539
ID: WG1544839-4
Date: 11-Sep-2021
Time: 16:42:17
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

6:2FTS



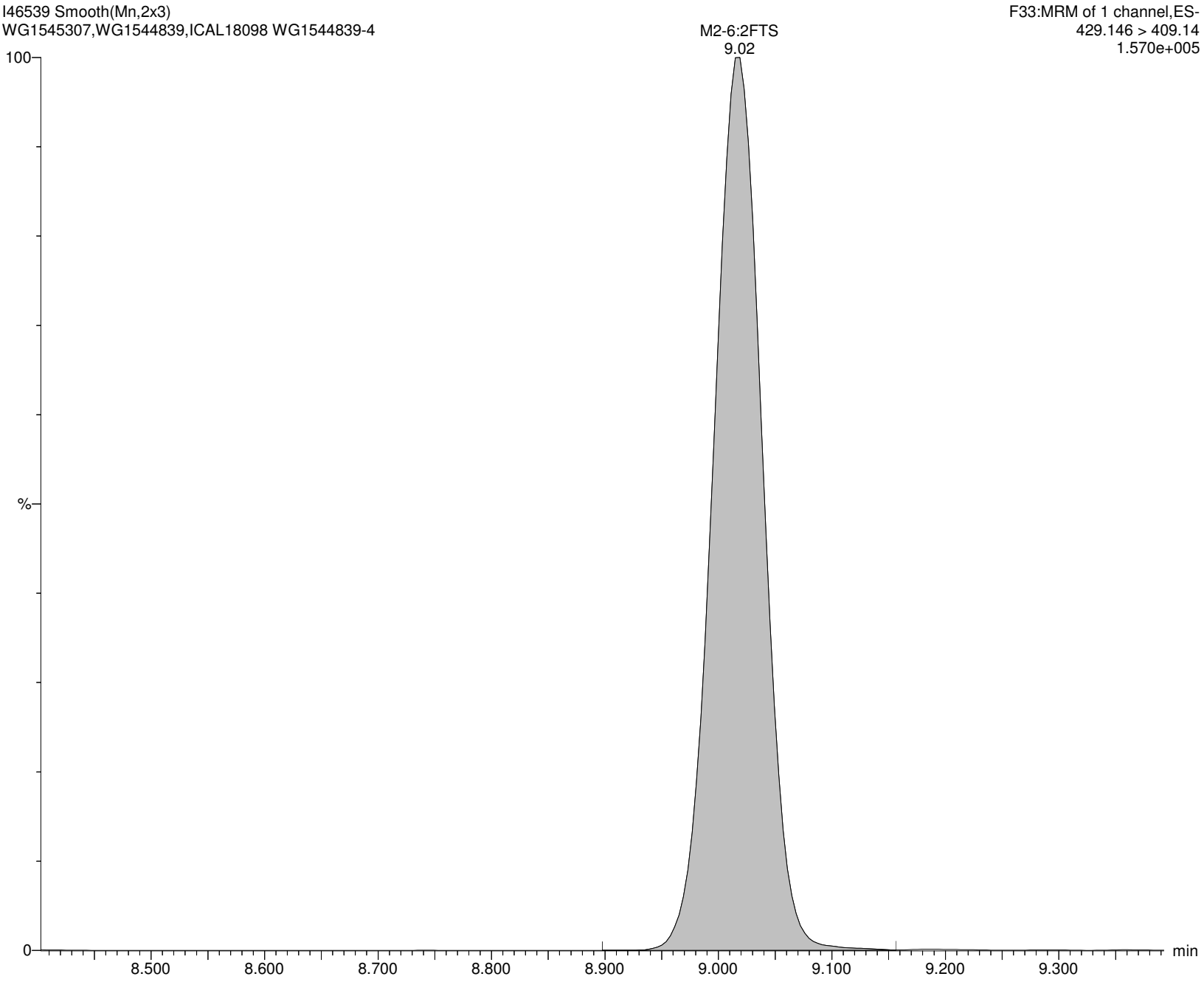


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:32:01 Eastern Daylight Time

Name: I46539
ID: WG1544839-4
Date: 11-Sep-2021
Time: 16:42:17
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-6:2FTS

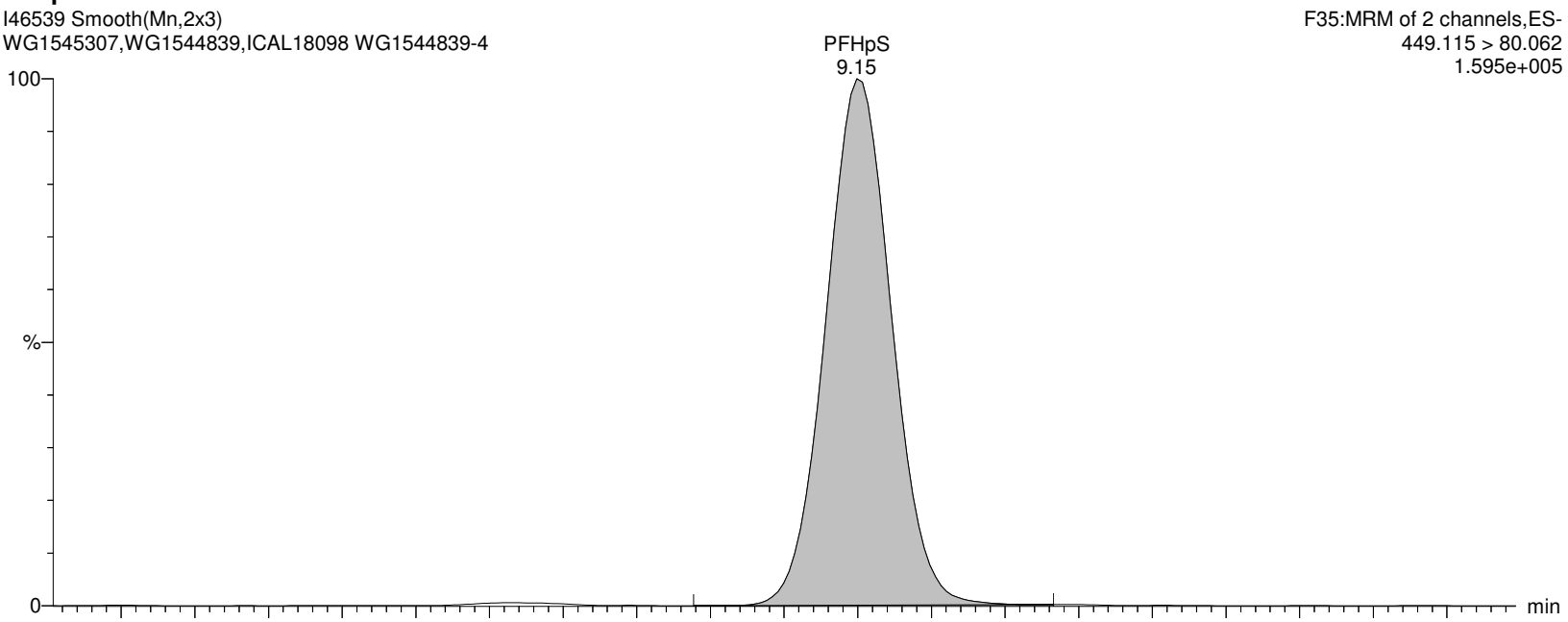


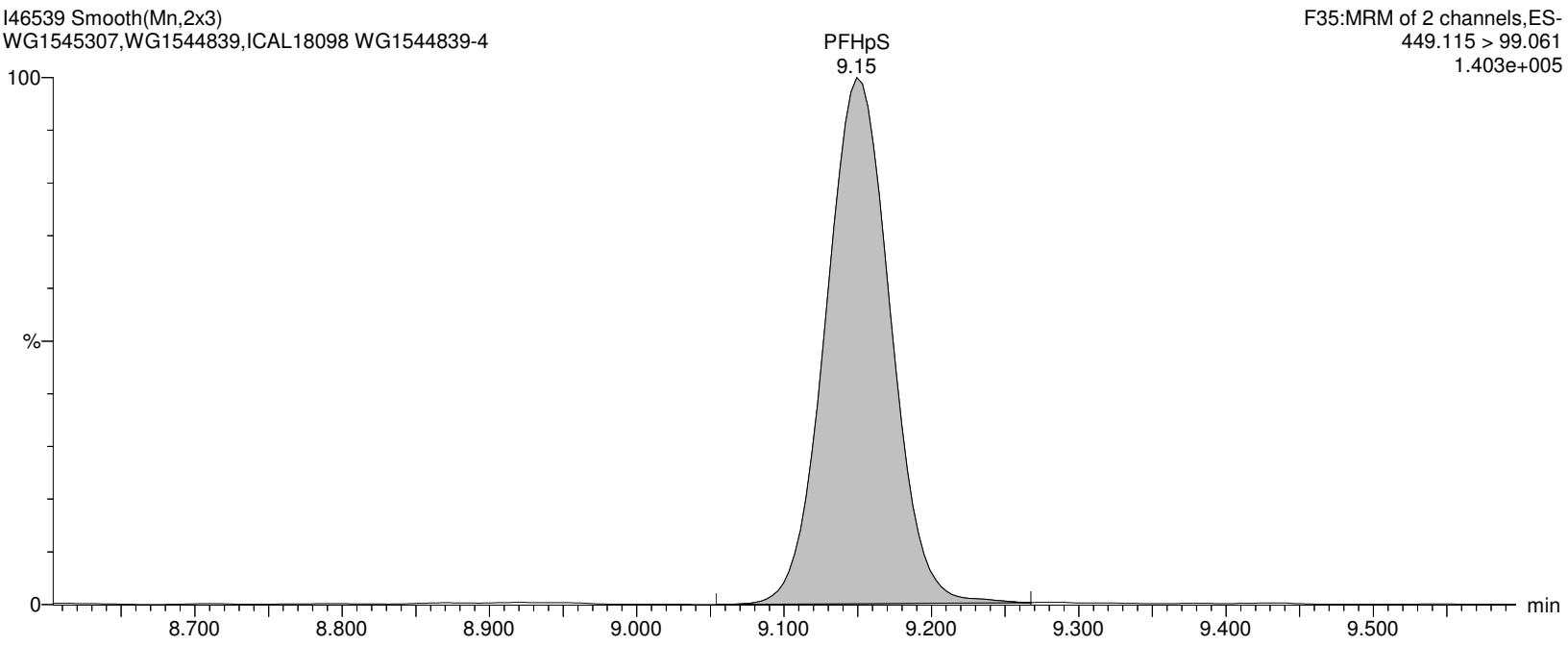
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:32:01 Eastern Daylight Time

Name: I46539
ID: WG1544839-4
Date: 11-Sep-2021
Time: 16:42:17
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpS



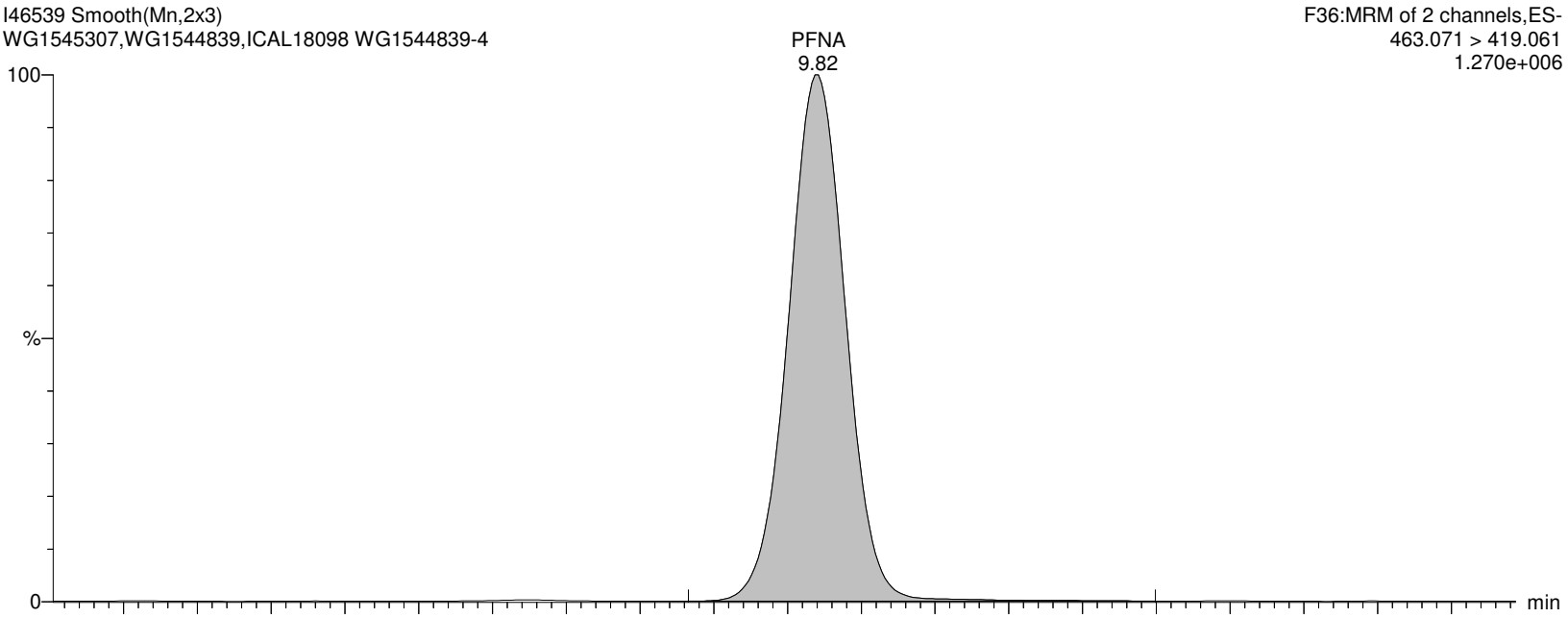


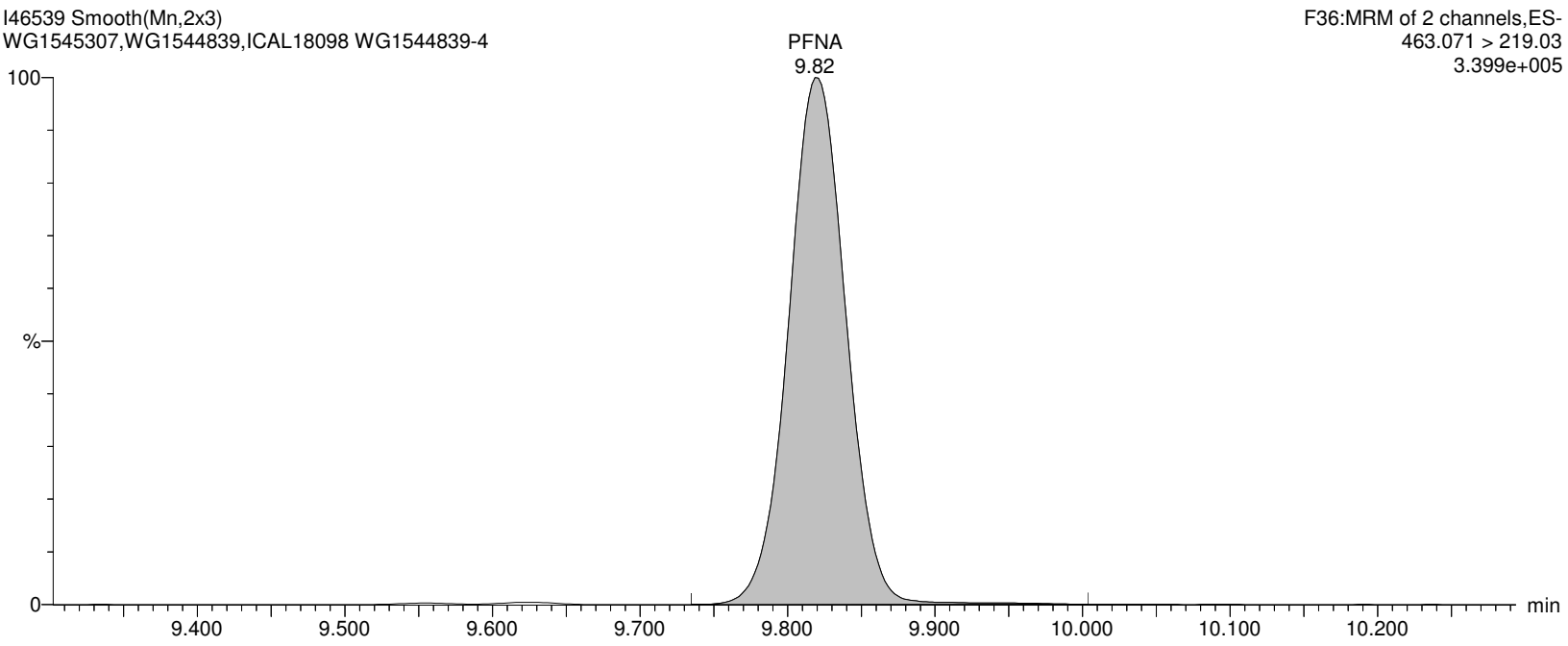
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:32:01 Eastern Daylight Time

Name: I46539
ID: WG1544839-4
Date: 11-Sep-2021
Time: 16:42:17
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNA



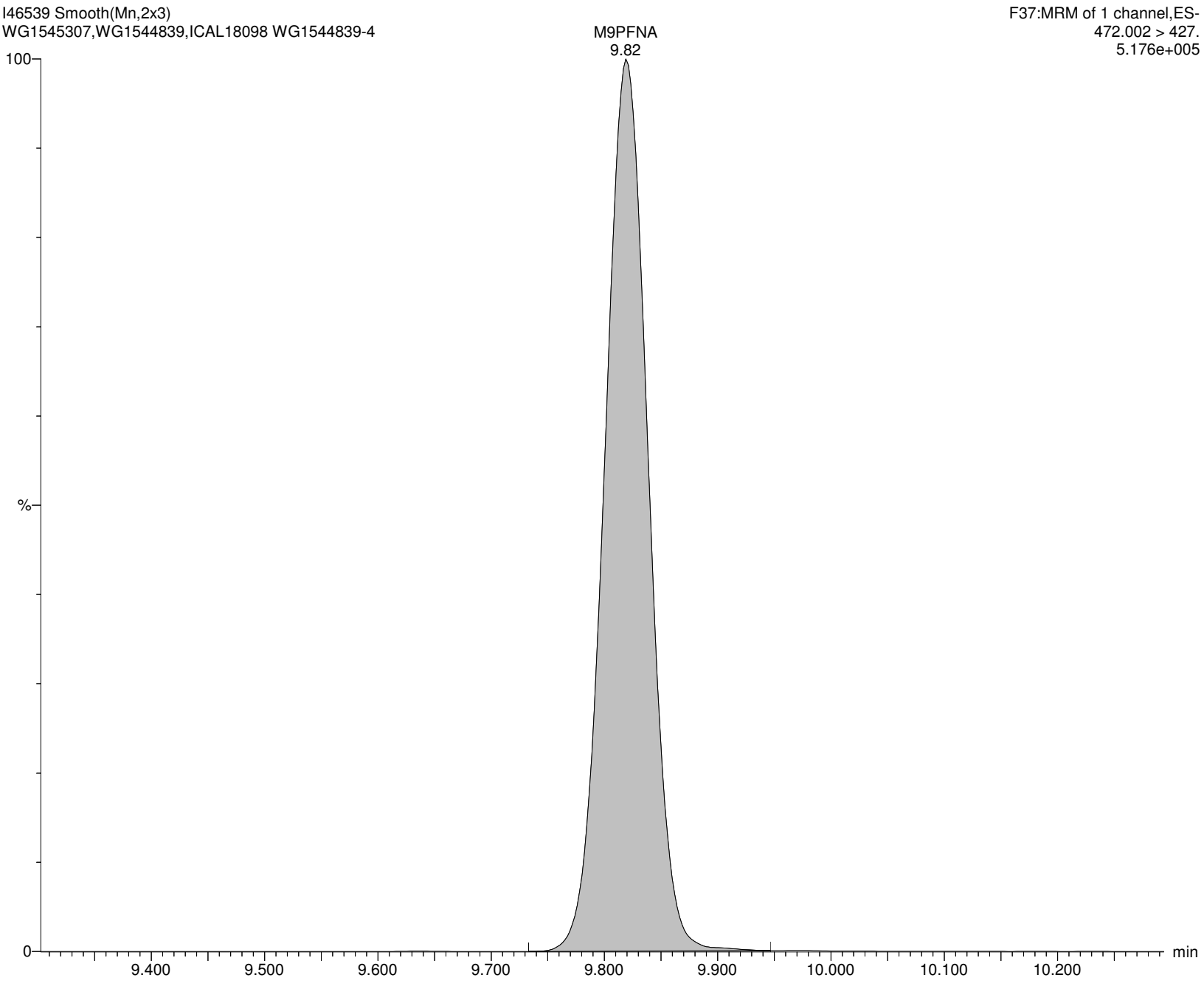


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:32:01 Eastern Daylight Time

Name: I46539
ID: WG1544839-4
Date: 11-Sep-2021
Time: 16:42:17
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M9PFNA

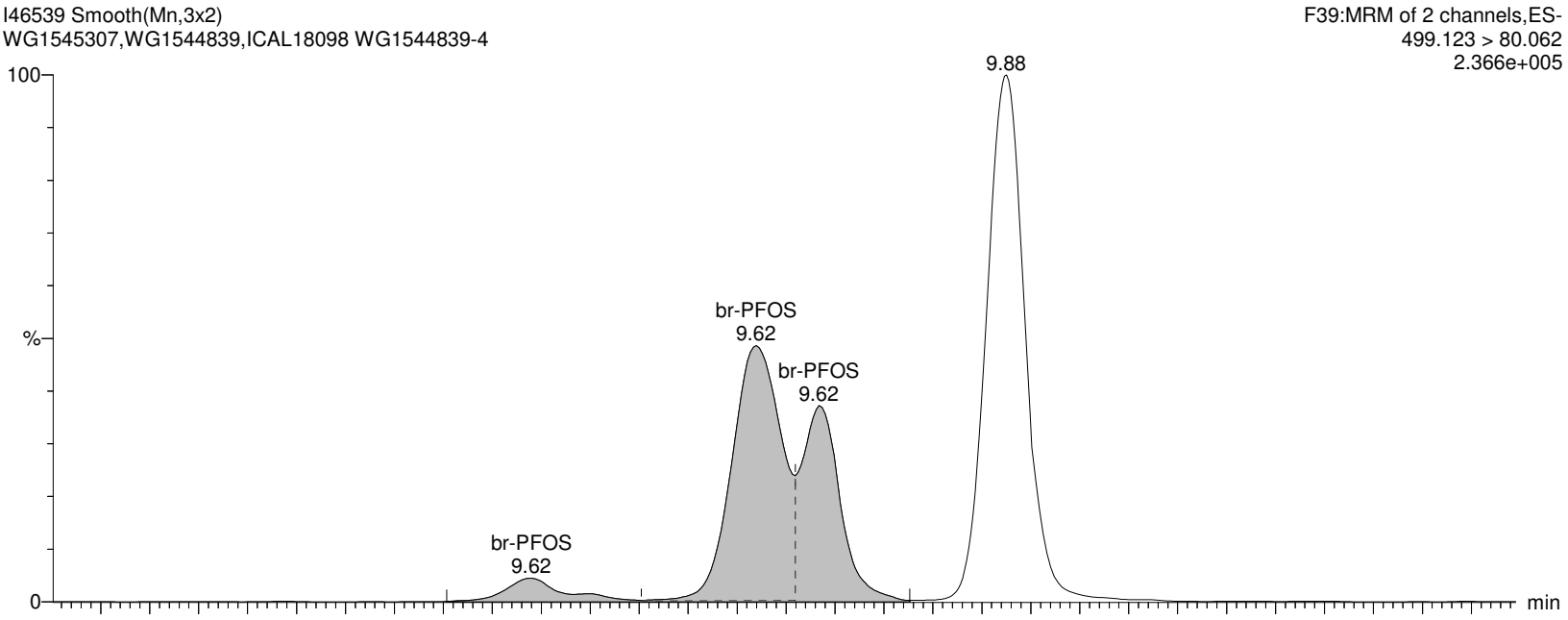


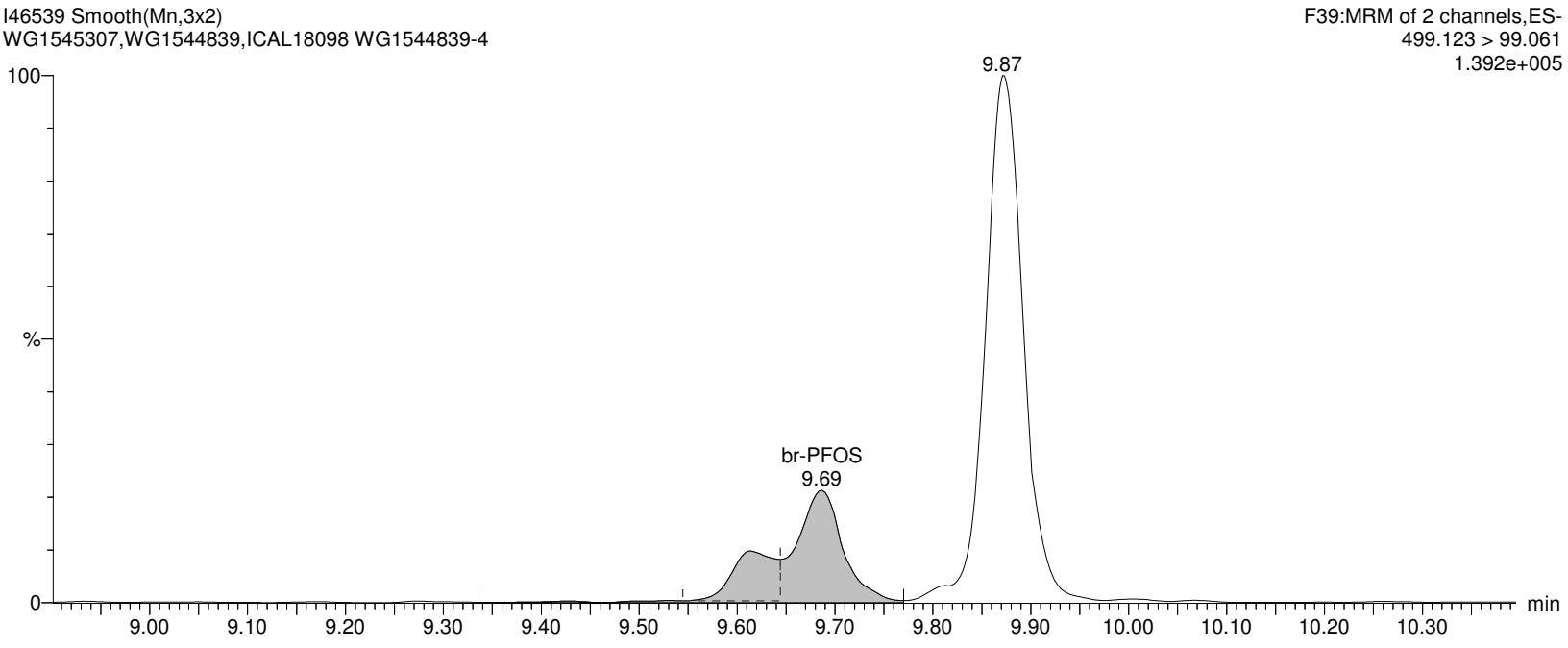
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:32:01 Eastern Daylight Time

Name: I46539
ID: WG1544839-4
Date: 11-Sep-2021
Time: 16:42:17
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOS



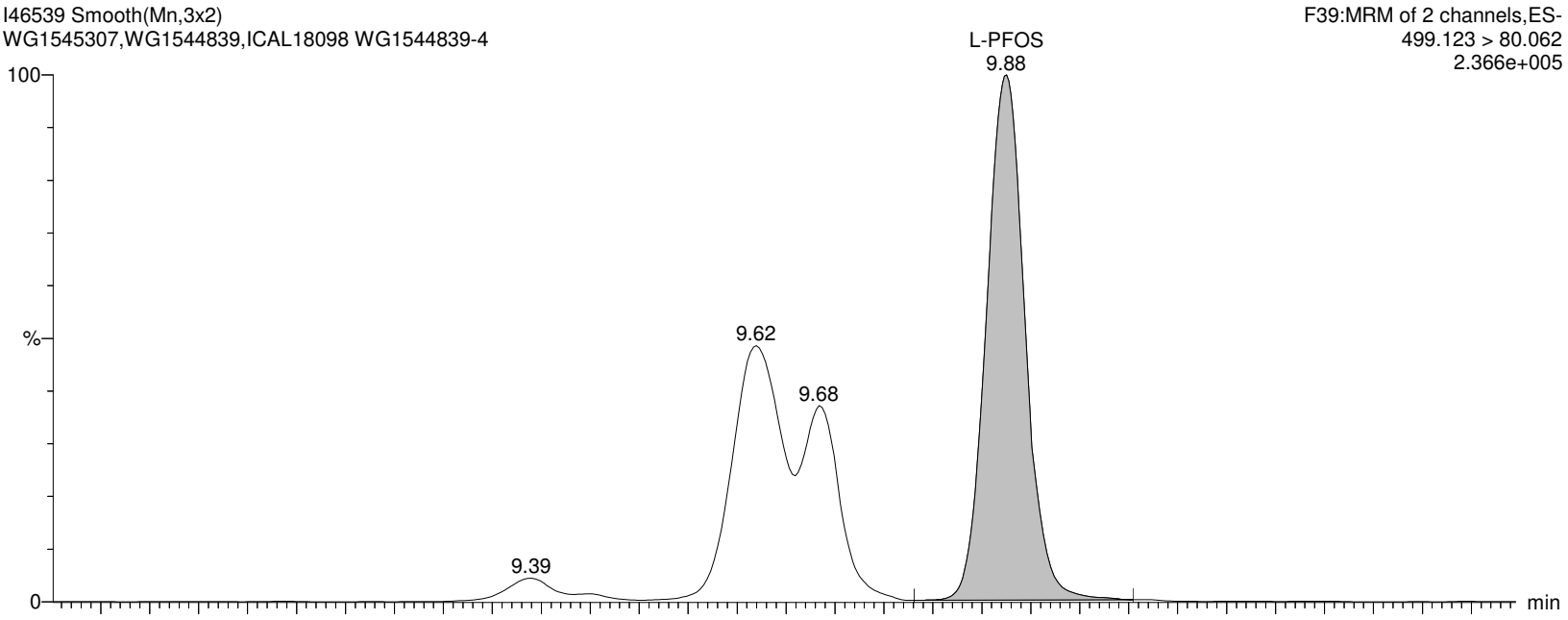


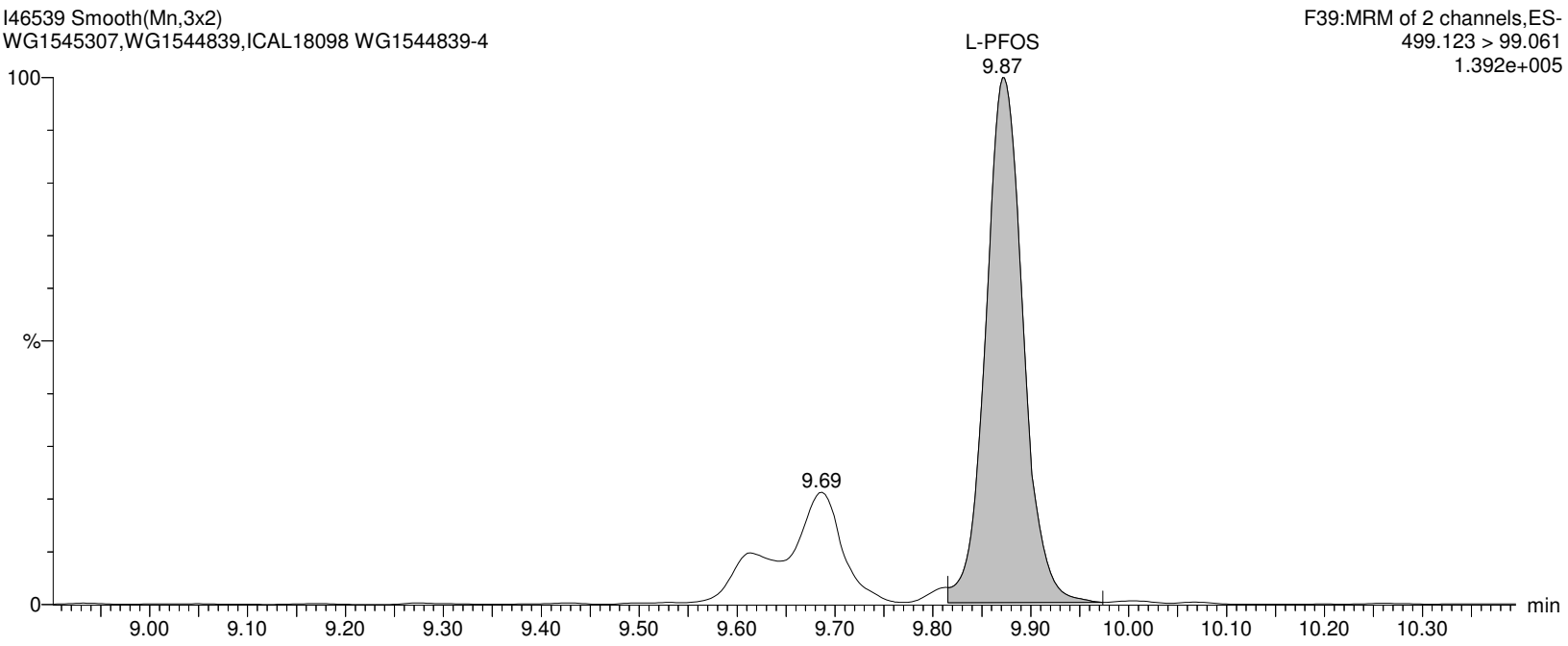
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:32:01 Eastern Daylight Time

Name: I46539
ID: WG1544839-4
Date: 11-Sep-2021
Time: 16:42:17
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOS



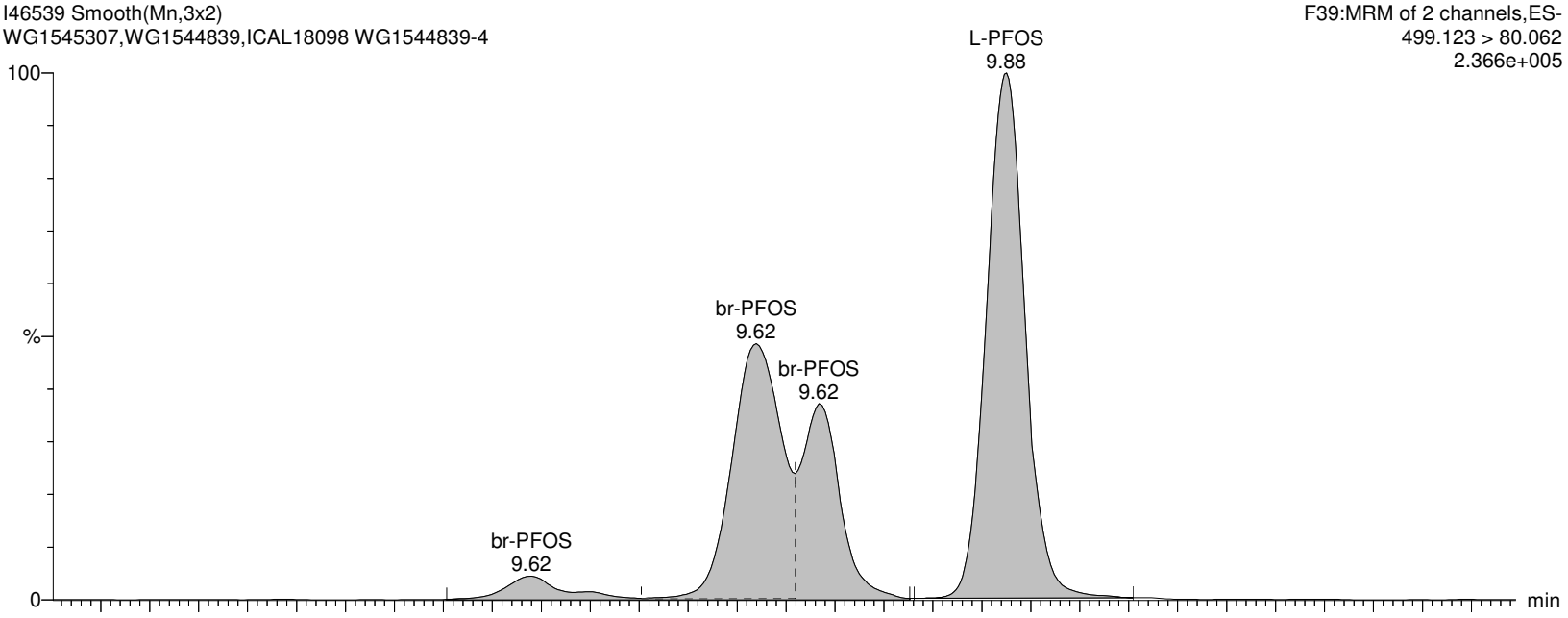


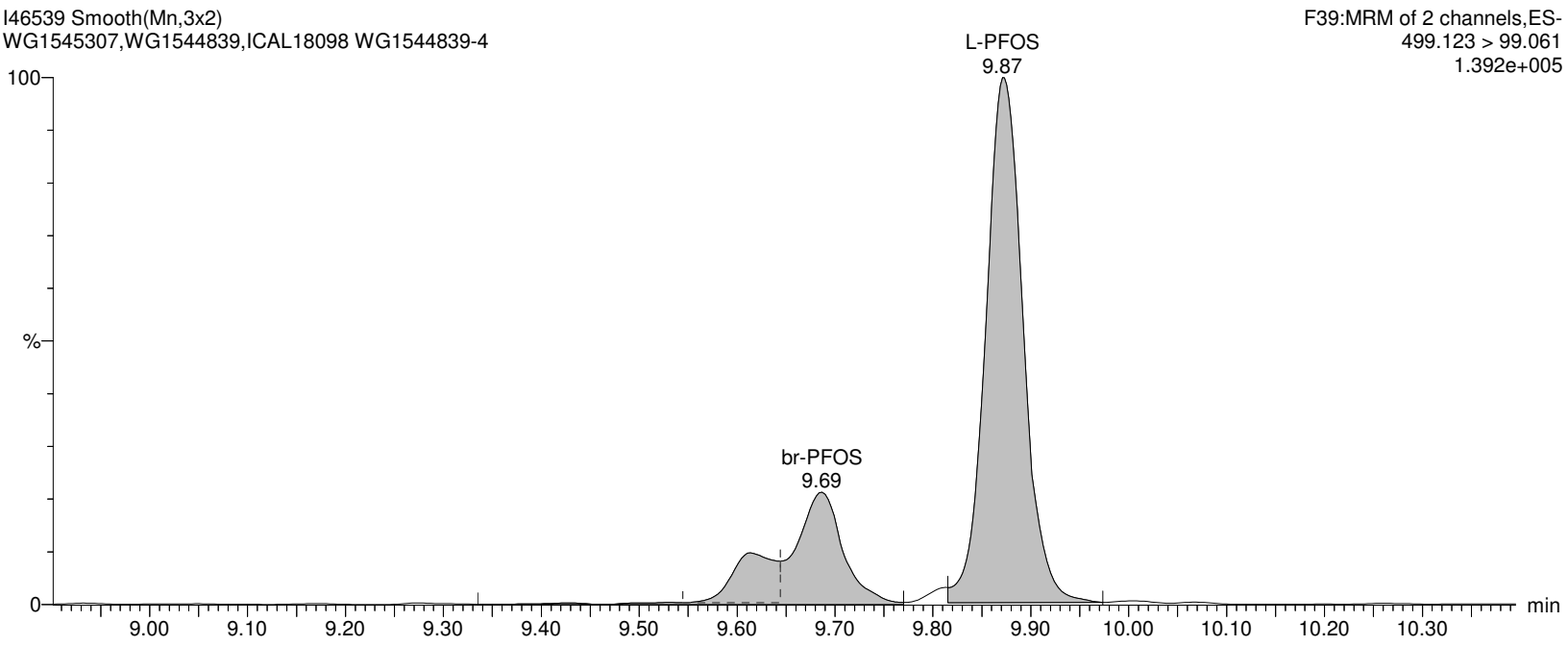
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:32:01 Eastern Daylight Time

Name: I46539
ID: WG1544839-4
Date: 11-Sep-2021
Time: 16:42:17
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOS



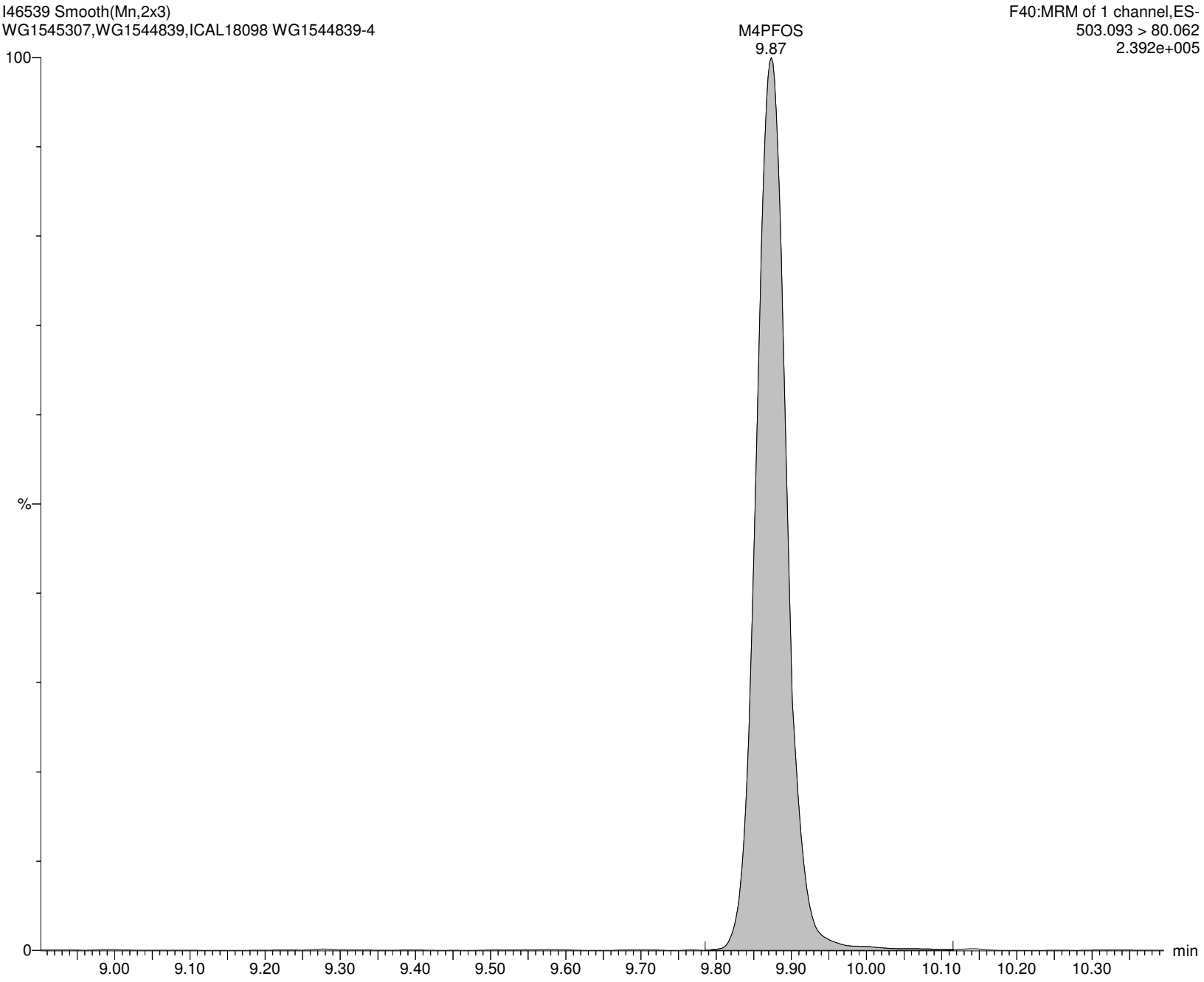


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:32:01 Eastern Daylight Time

Name: I46539
ID: WG1544839-4
Date: 11-Sep-2021
Time: 16:42:17
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOS

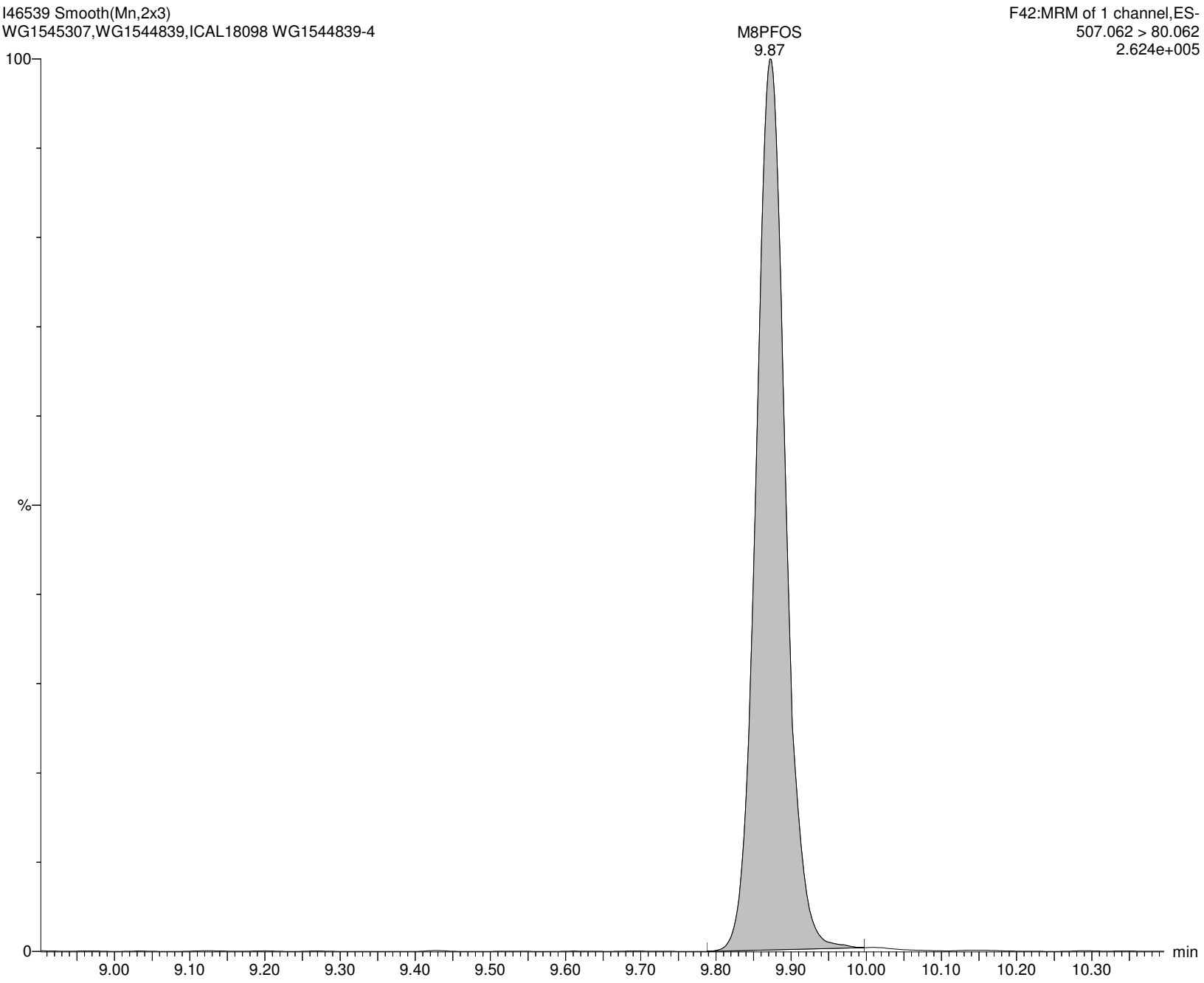


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:32:01 Eastern Daylight Time

Name: I46539
ID: WG1544839-4
Date: 11-Sep-2021
Time: 16:42:17
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOS

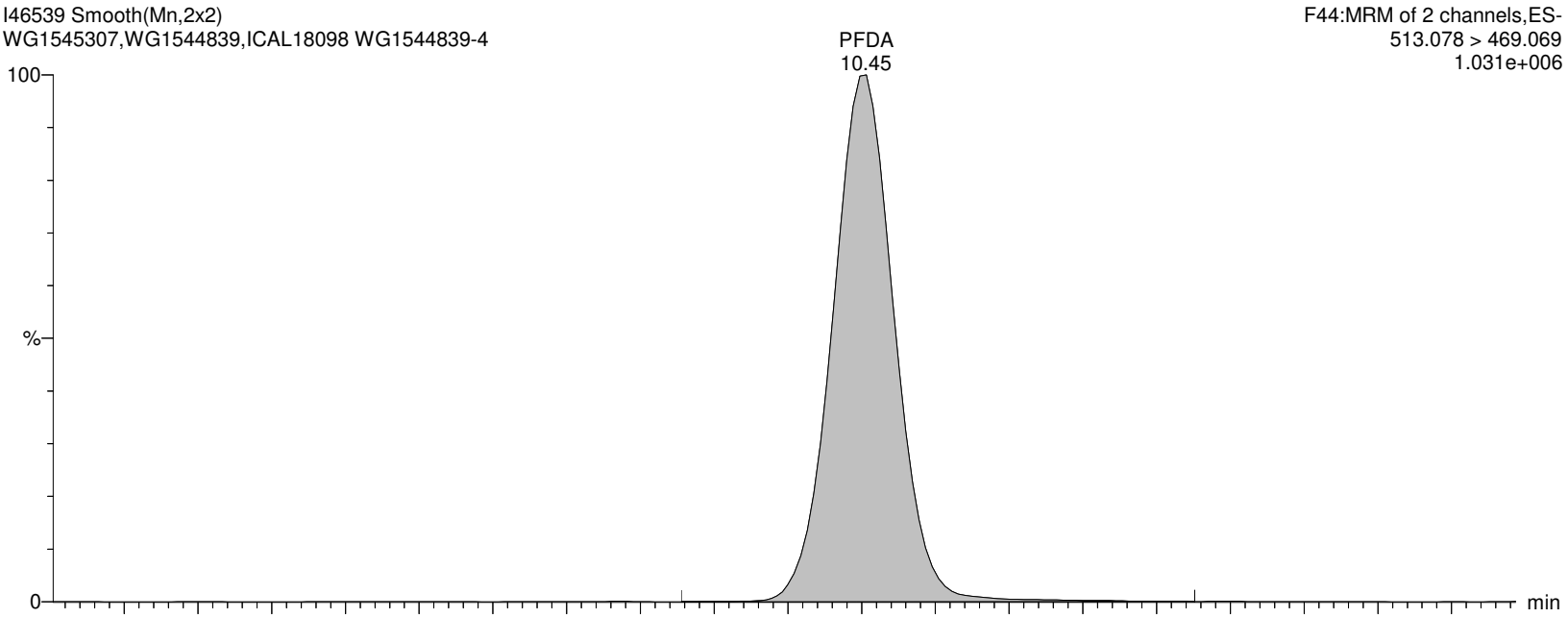


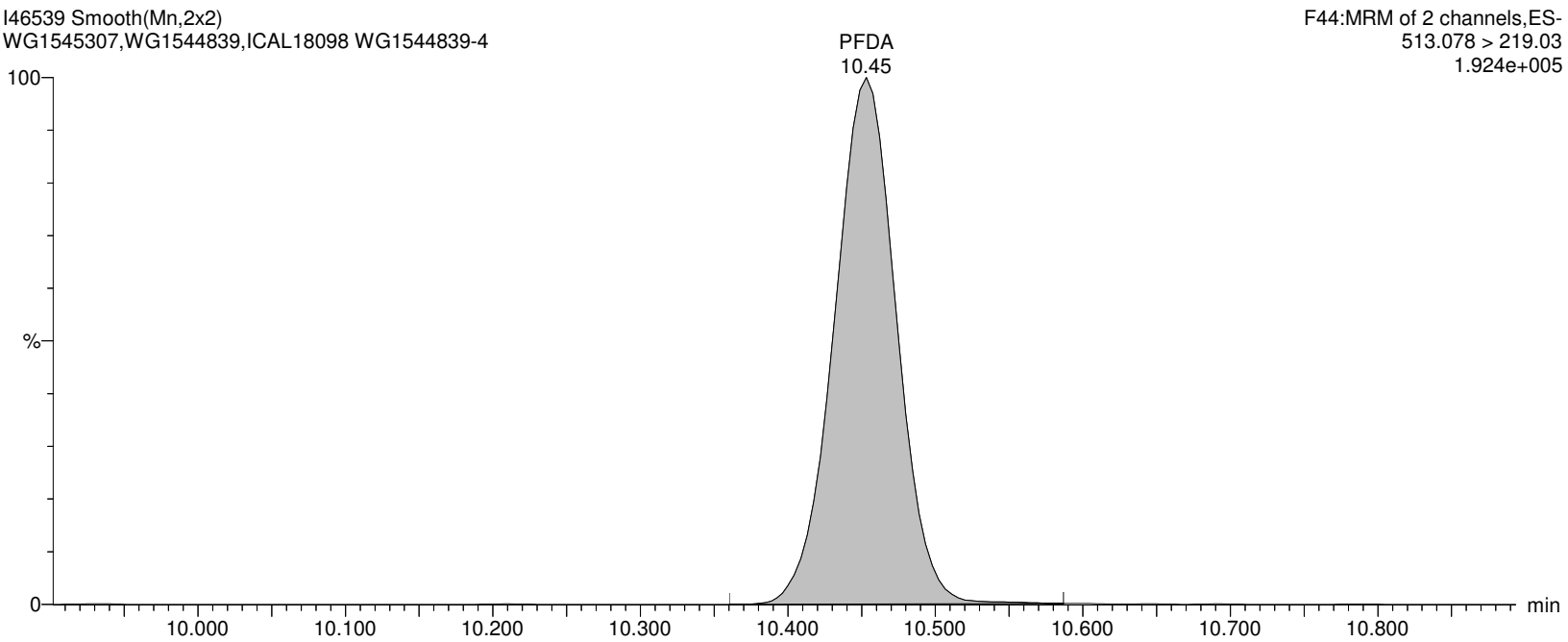
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:32:01 Eastern Daylight Time

Name: I46539
ID: WG1544839-4
Date: 11-Sep-2021
Time: 16:42:17
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDA



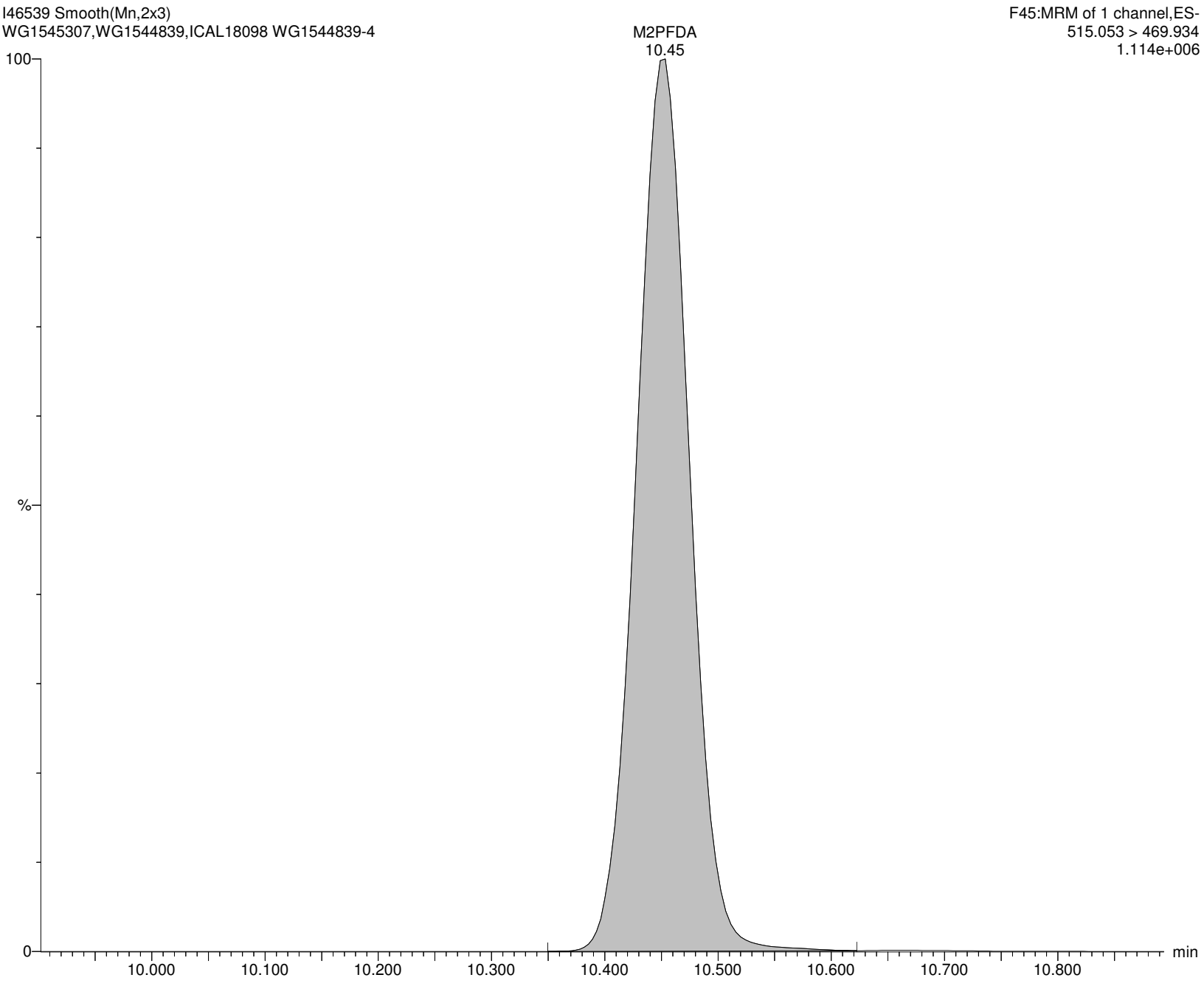


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:32:01 Eastern Daylight Time

Name: I46539
ID: WG1544839-4
Date: 11-Sep-2021
Time: 16:42:17
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFDA

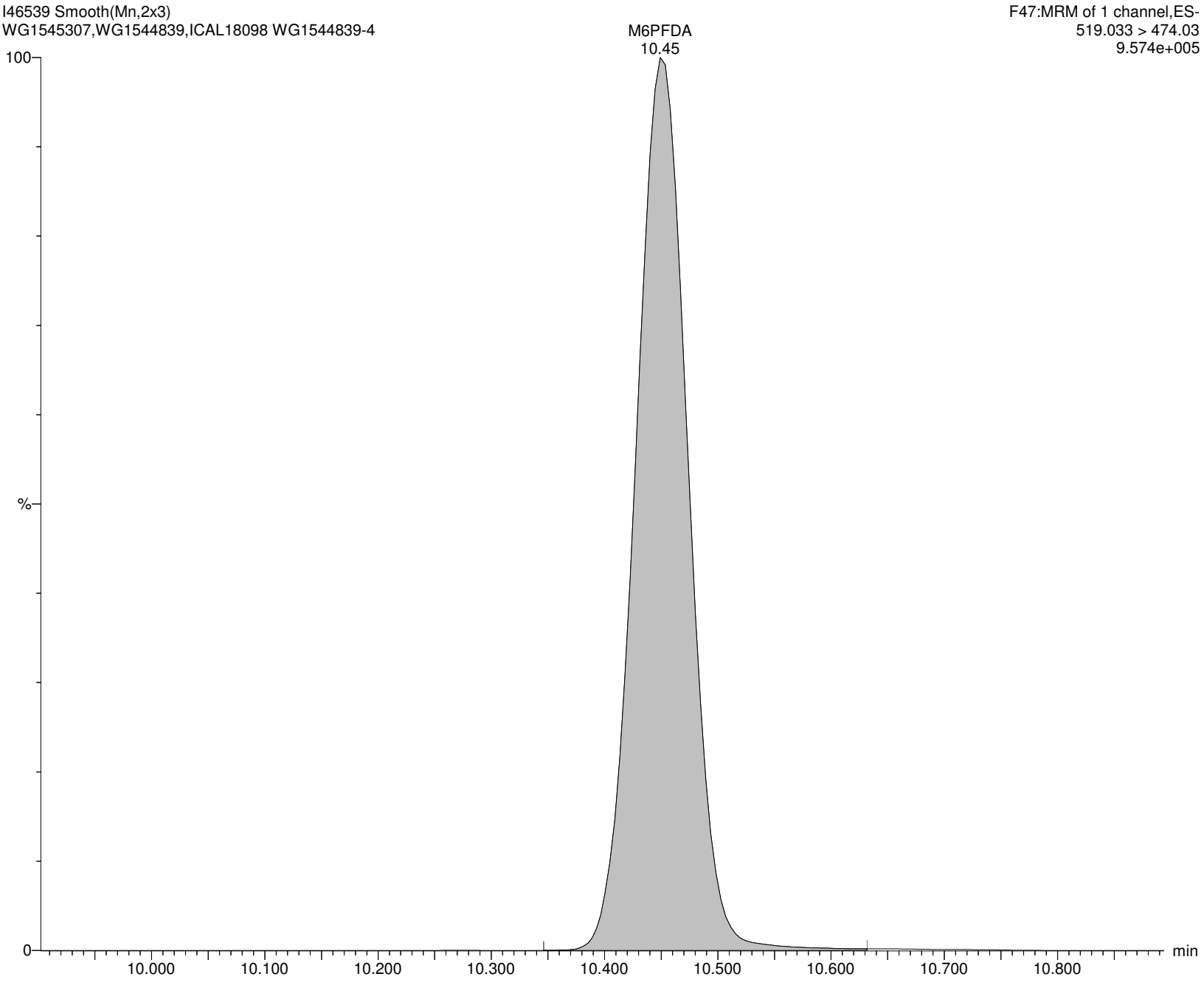


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:32:01 Eastern Daylight Time

Name: I46539
ID: WG1544839-4
Date: 11-Sep-2021
Time: 16:42:17
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M6PFDA

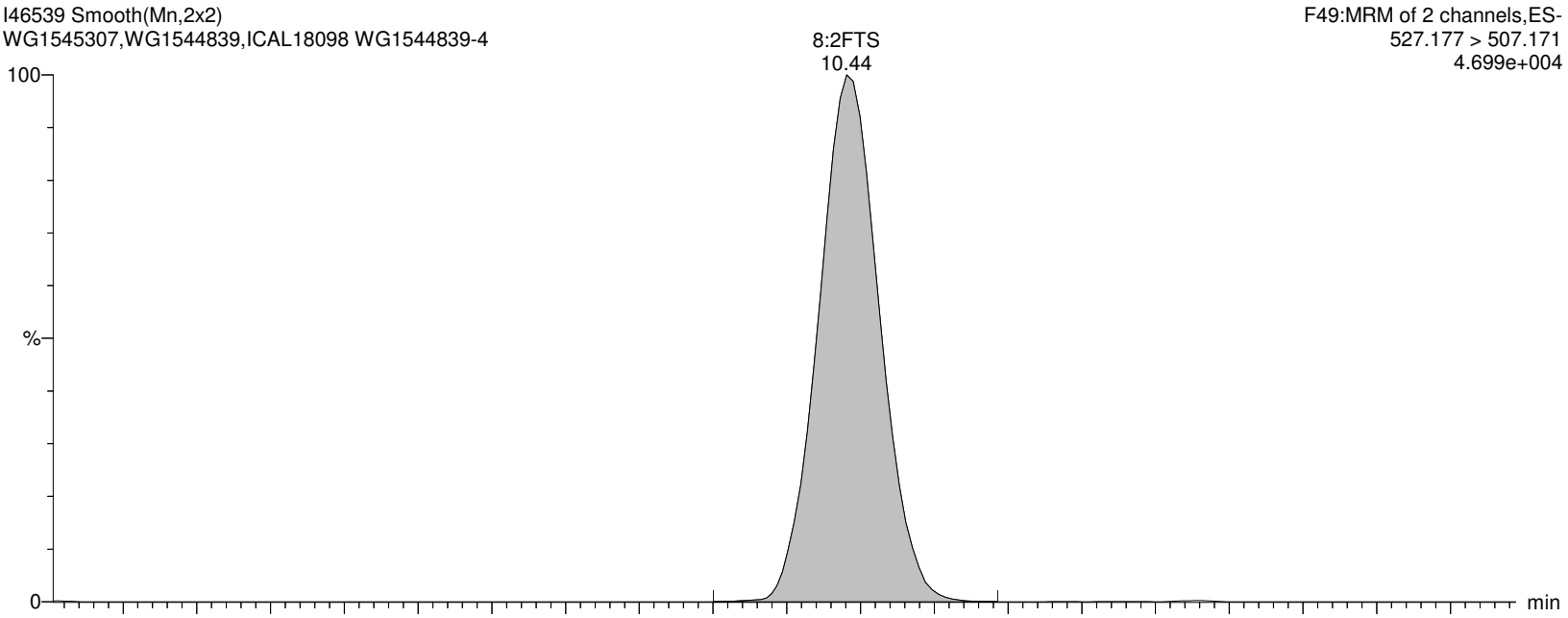


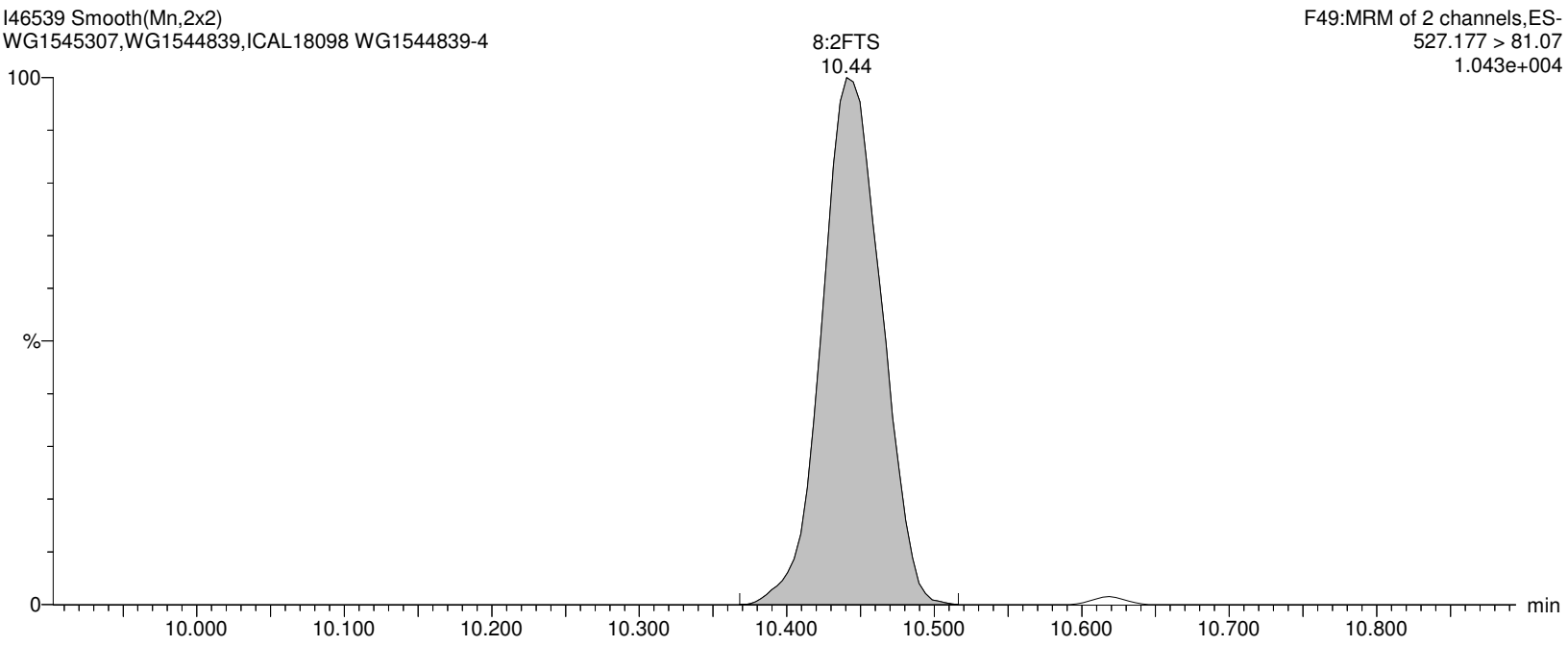
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:32:01 Eastern Daylight Time

Name: I46539
ID: WG1544839-4
Date: 11-Sep-2021
Time: 16:42:17
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

8:2FTS



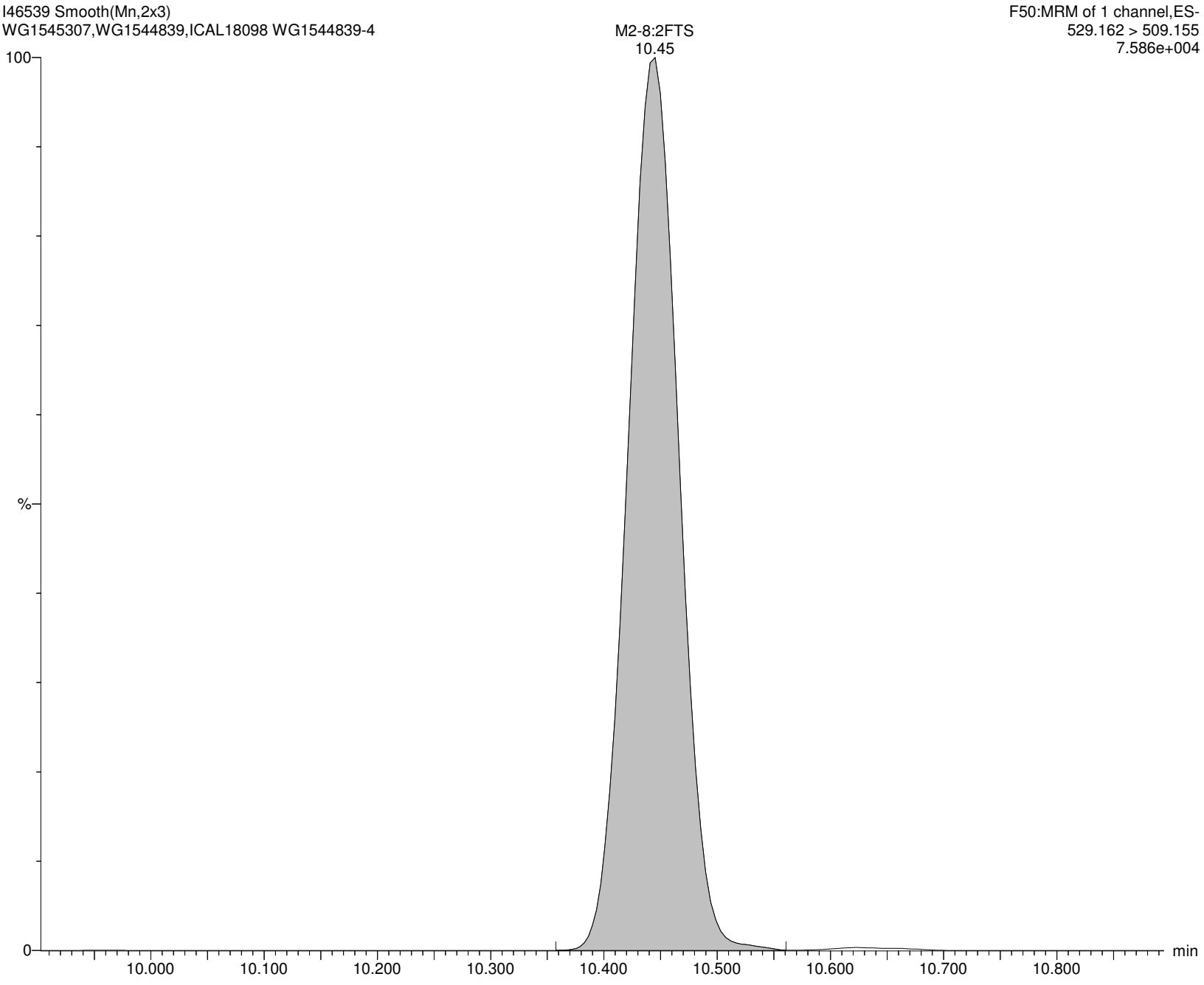


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:32:01 Eastern Daylight Time

Name: I46539
ID: WG1544839-4
Date: 11-Sep-2021
Time: 16:42:17
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-8:2FTS

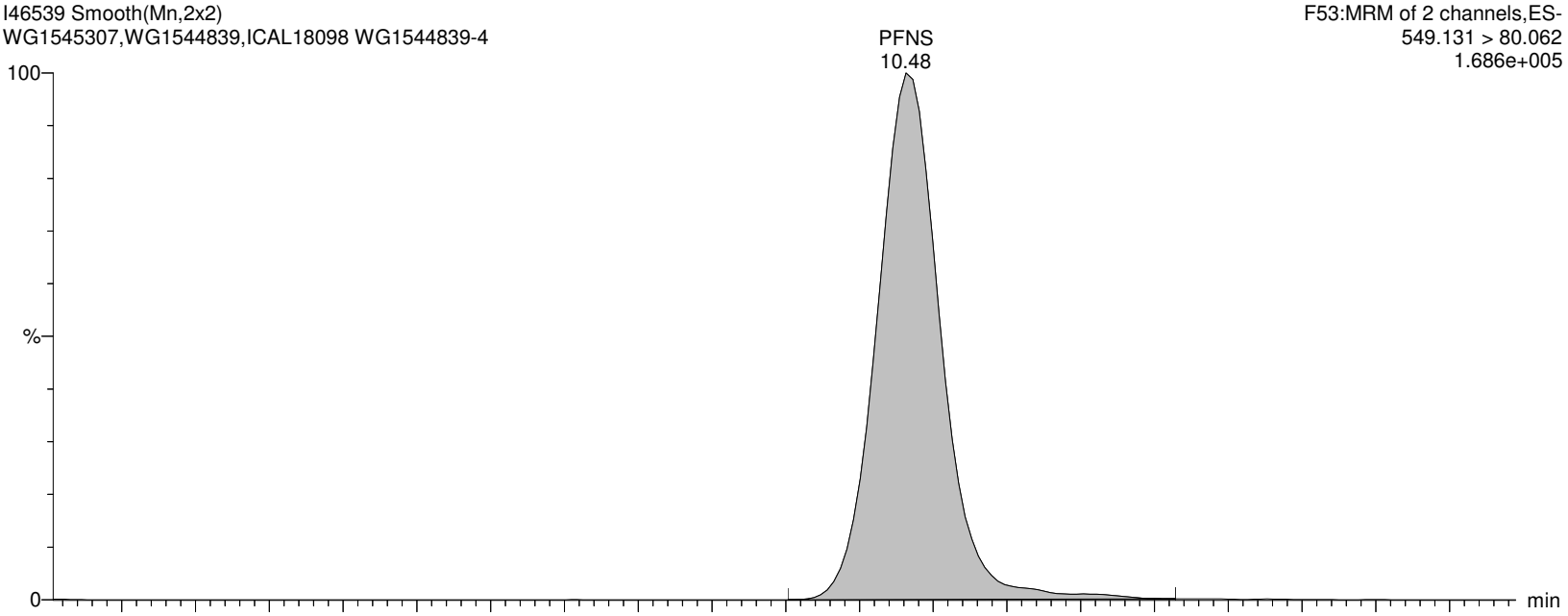


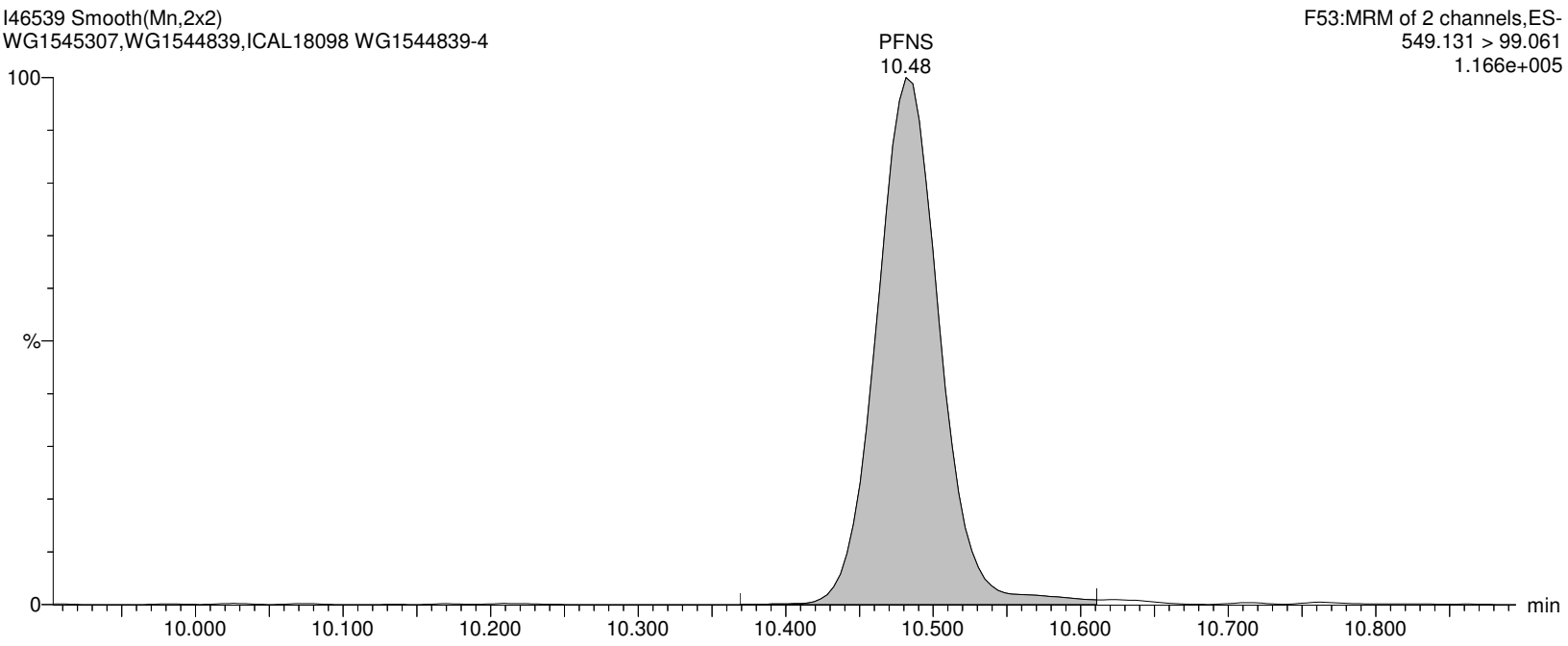
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:32:01 Eastern Daylight Time

Name: I46539
ID: WG1544839-4
Date: 11-Sep-2021
Time: 16:42:17
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNS



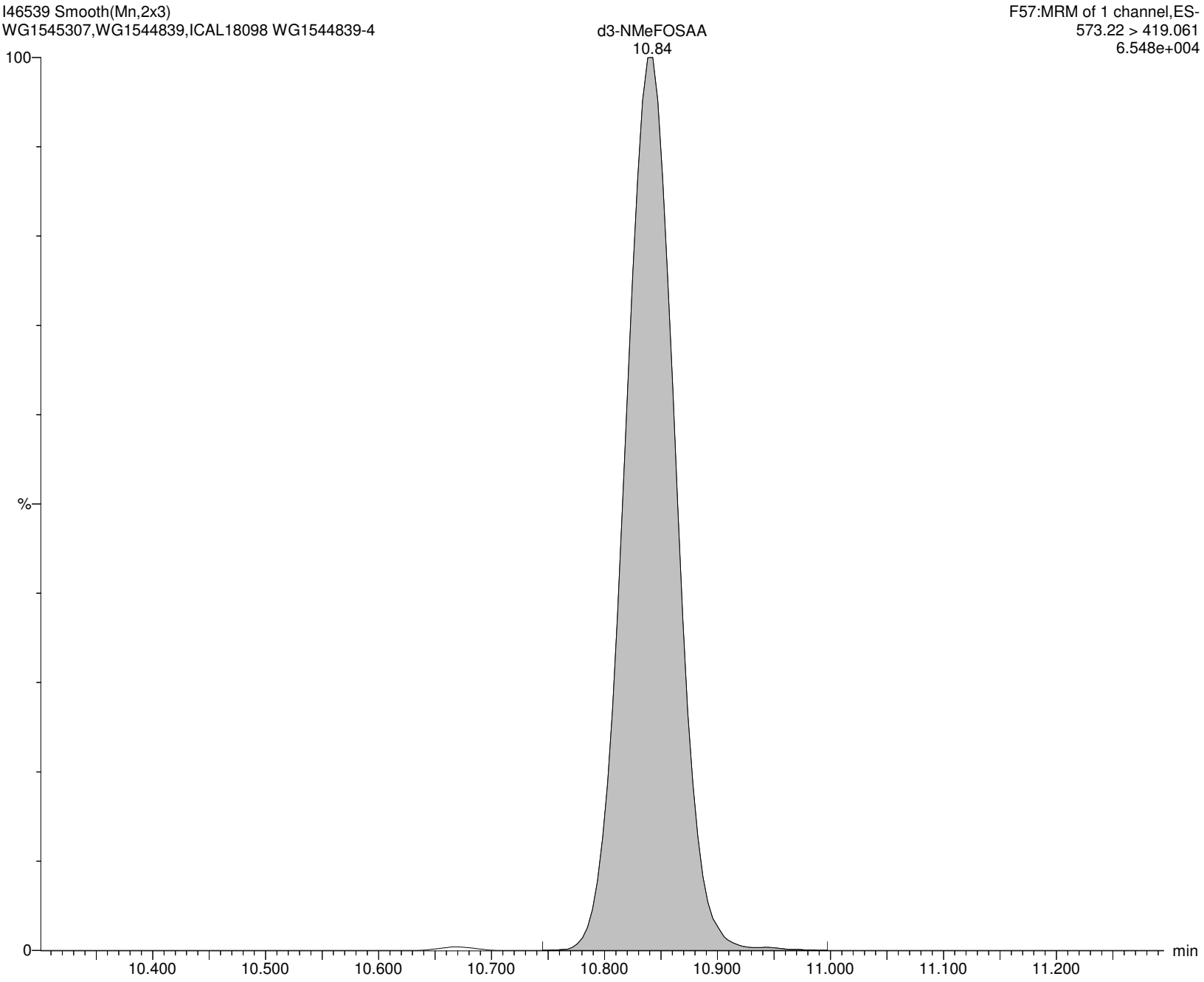


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:32:01 Eastern Daylight Time

Name: I46539
ID: WG1544839-4
Date: 11-Sep-2021
Time: 16:42:17
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSAA

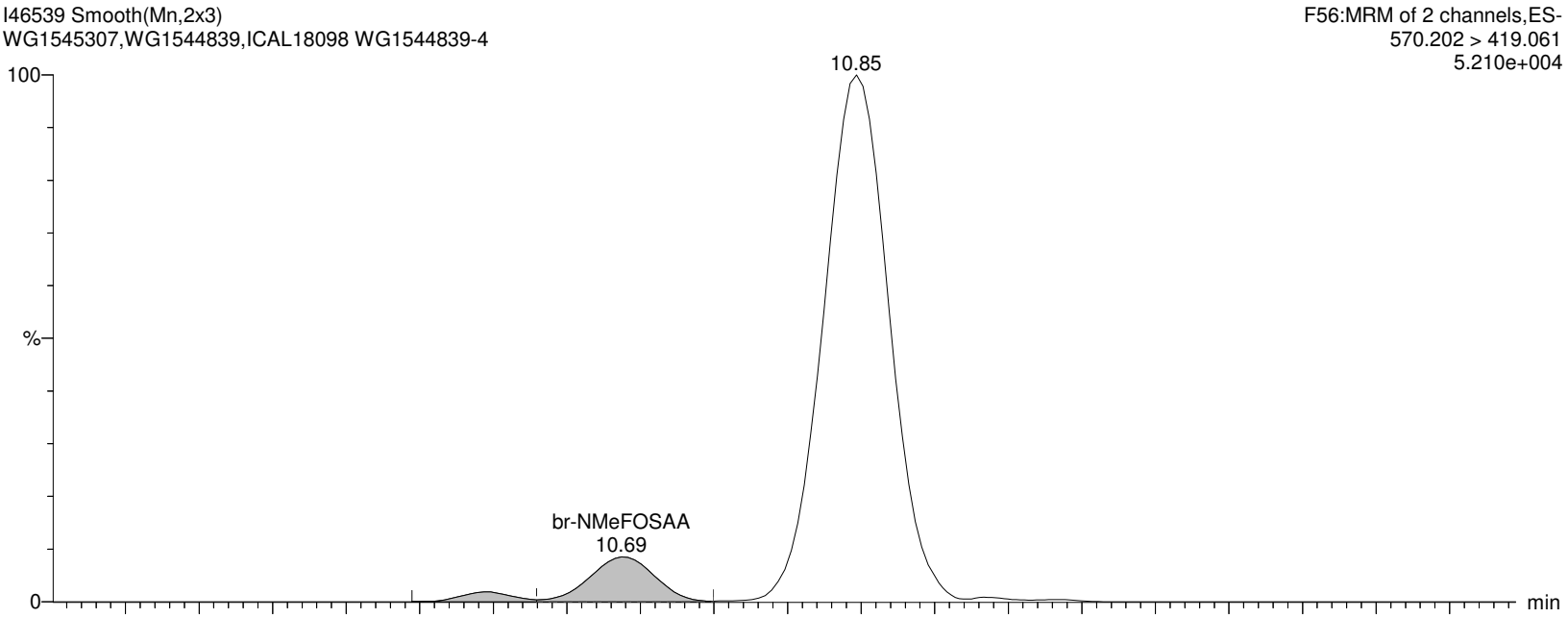


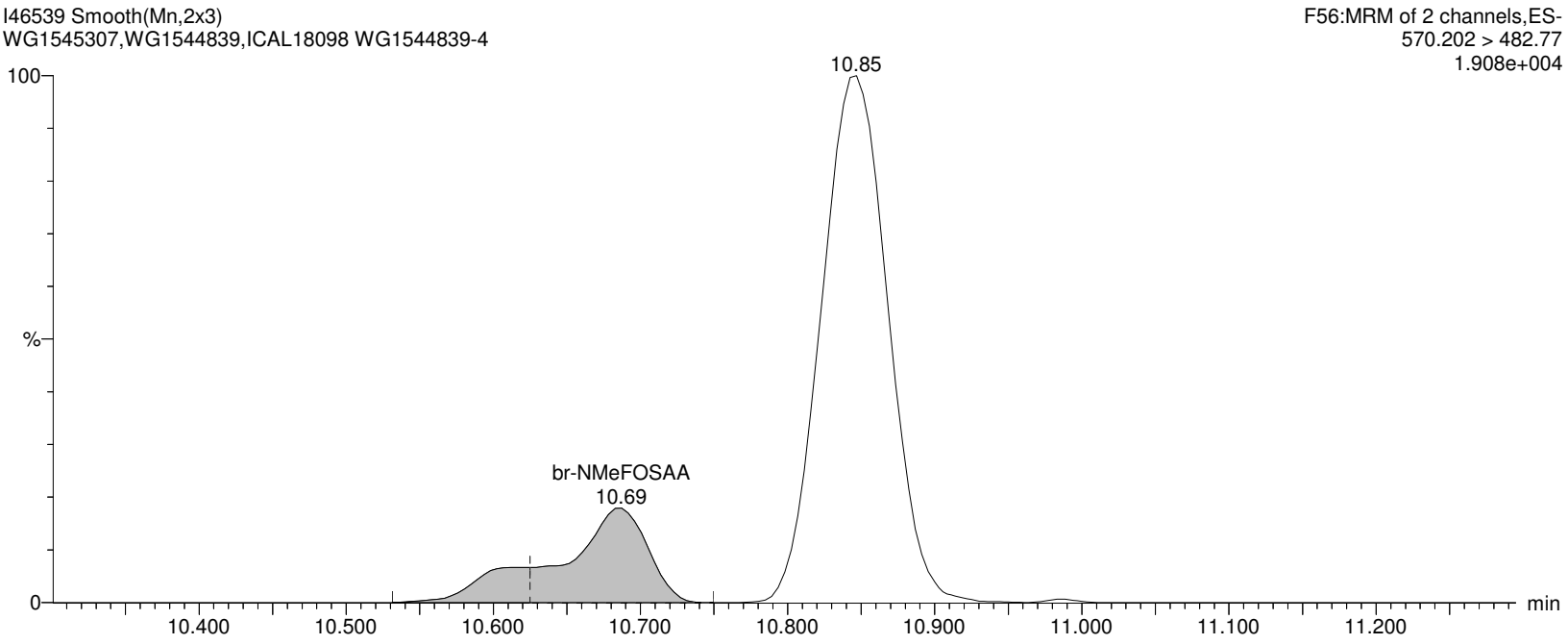
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:32:01 Eastern Daylight Time

Name: I46539
ID: WG1544839-4
Date: 11-Sep-2021
Time: 16:42:17
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NMeFOSAA



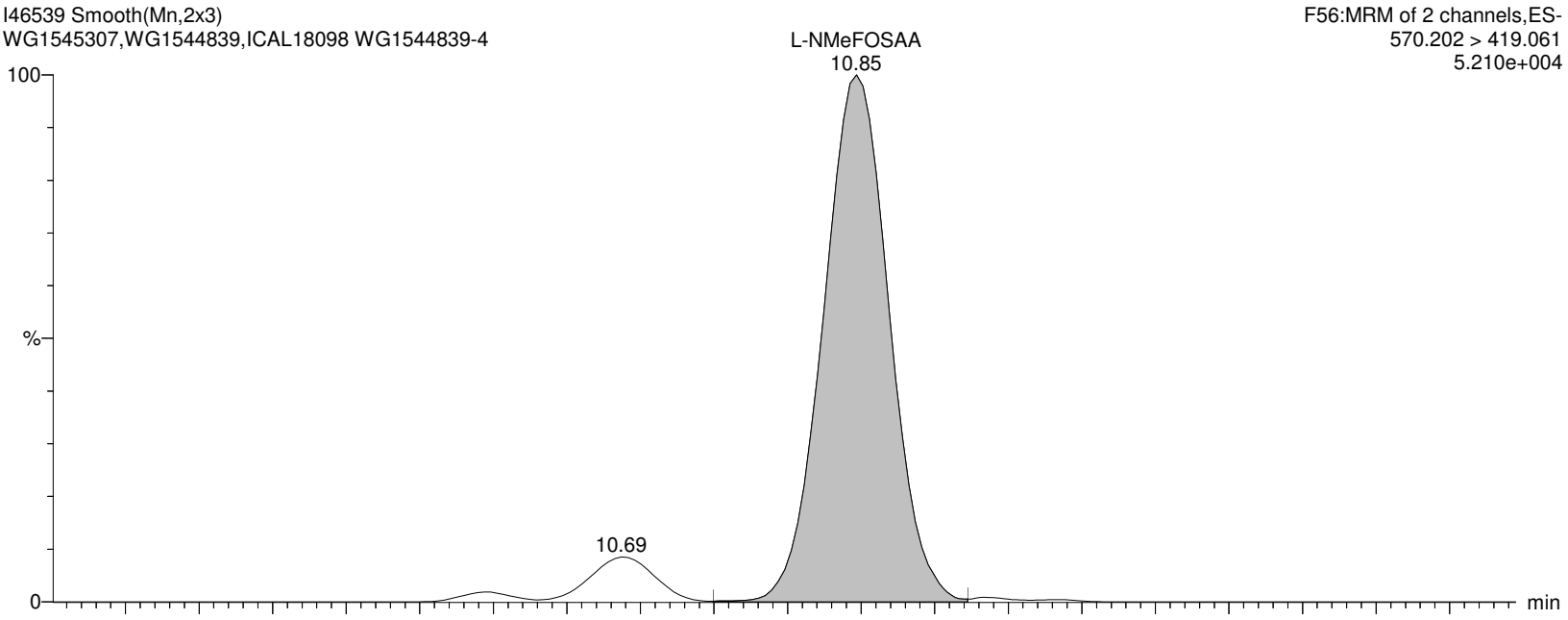


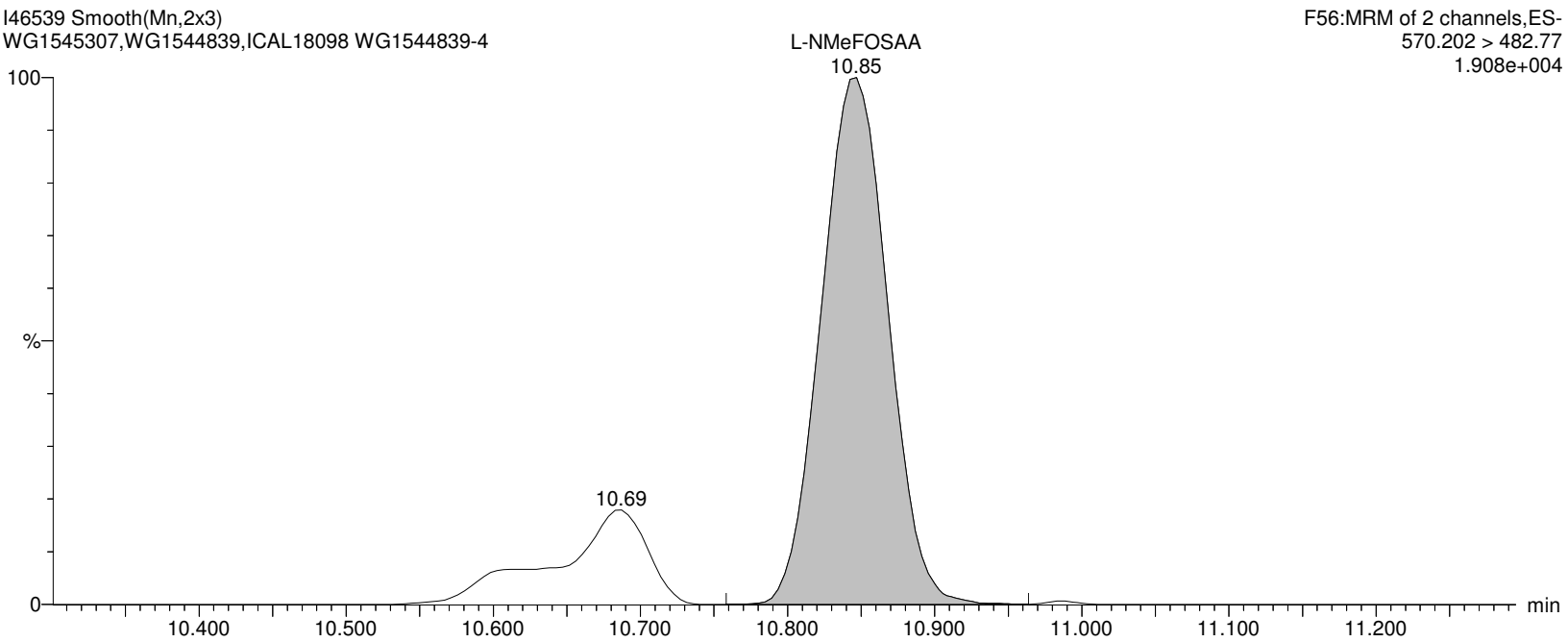
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:32:01 Eastern Daylight Time

Name: I46539
ID: WG1544839-4
Date: 11-Sep-2021
Time: 16:42:17
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NMeFOSAA



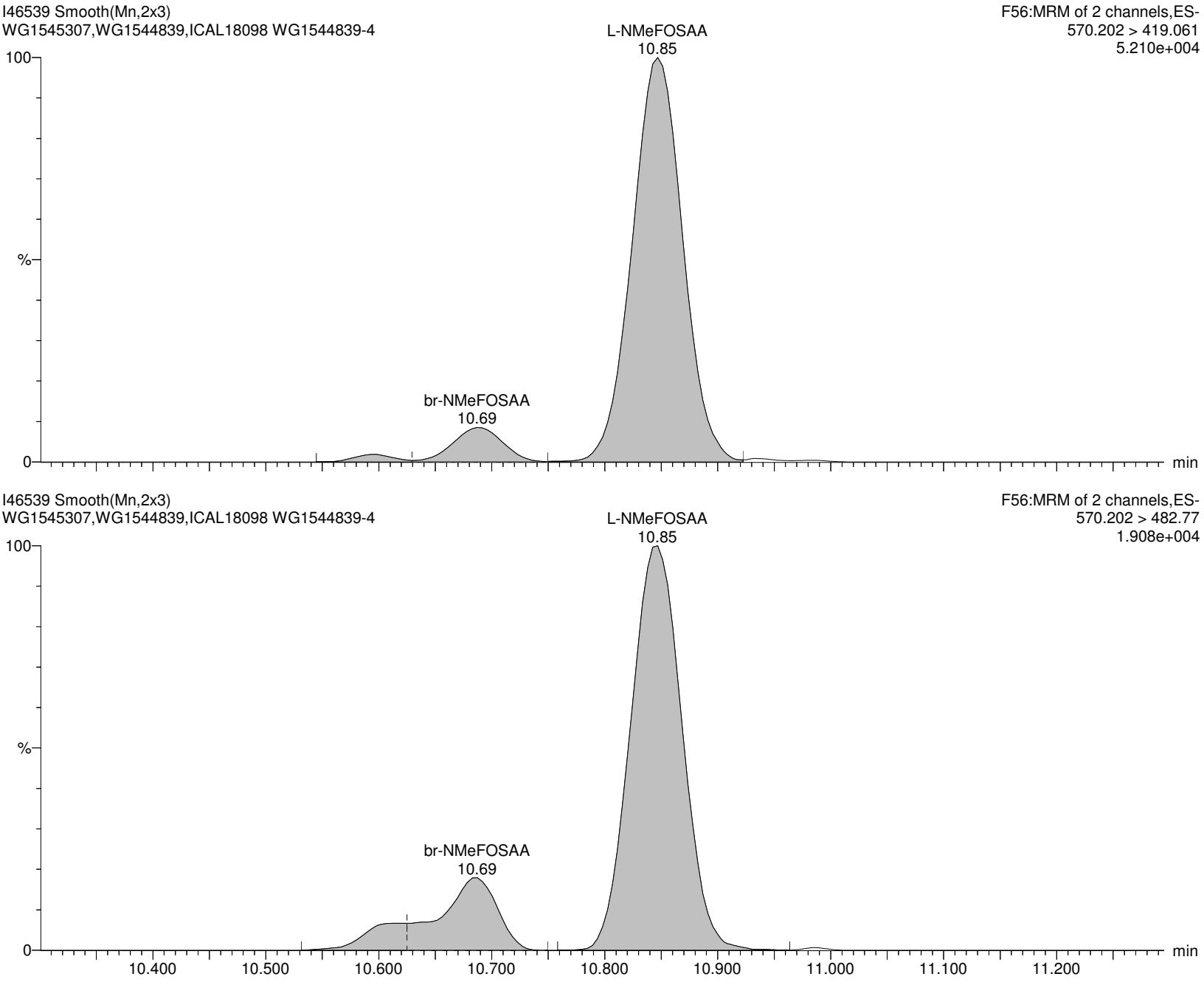


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:32:01 Eastern Daylight Time

Name: I46539
ID: WG1544839-4
Date: 11-Sep-2021
Time: 16:42:17
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSAA

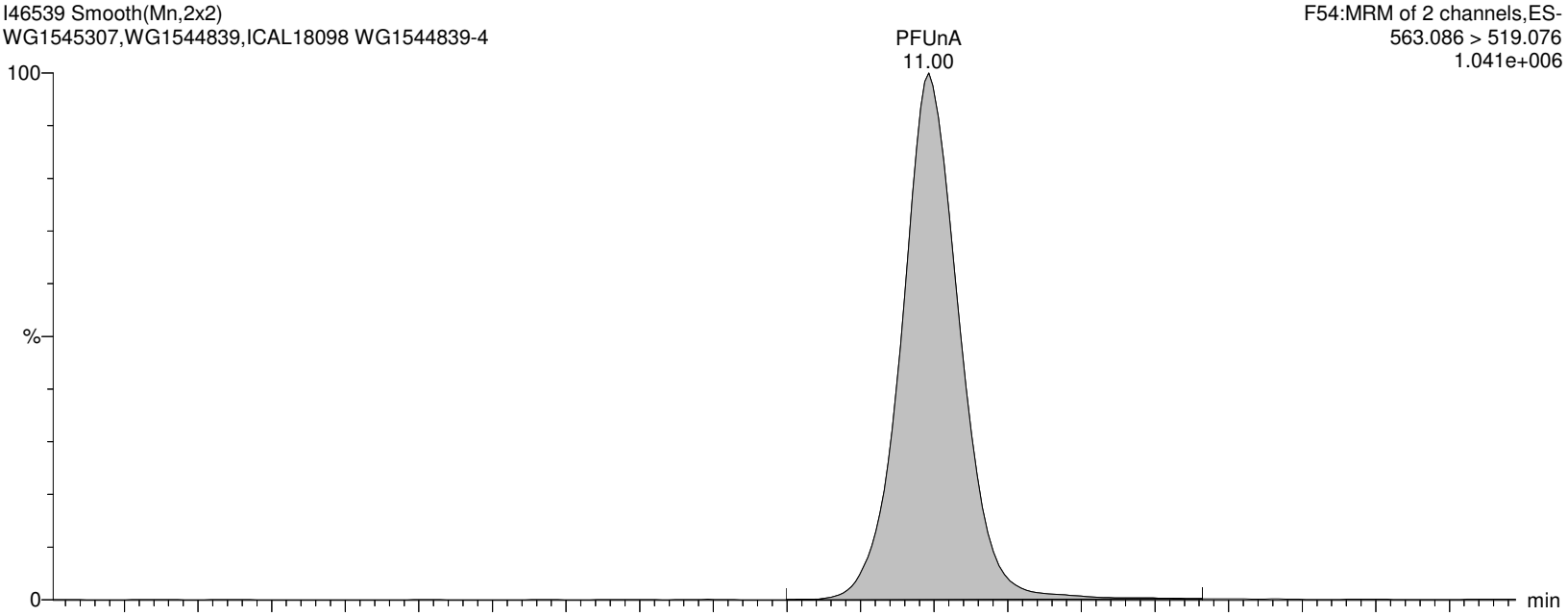


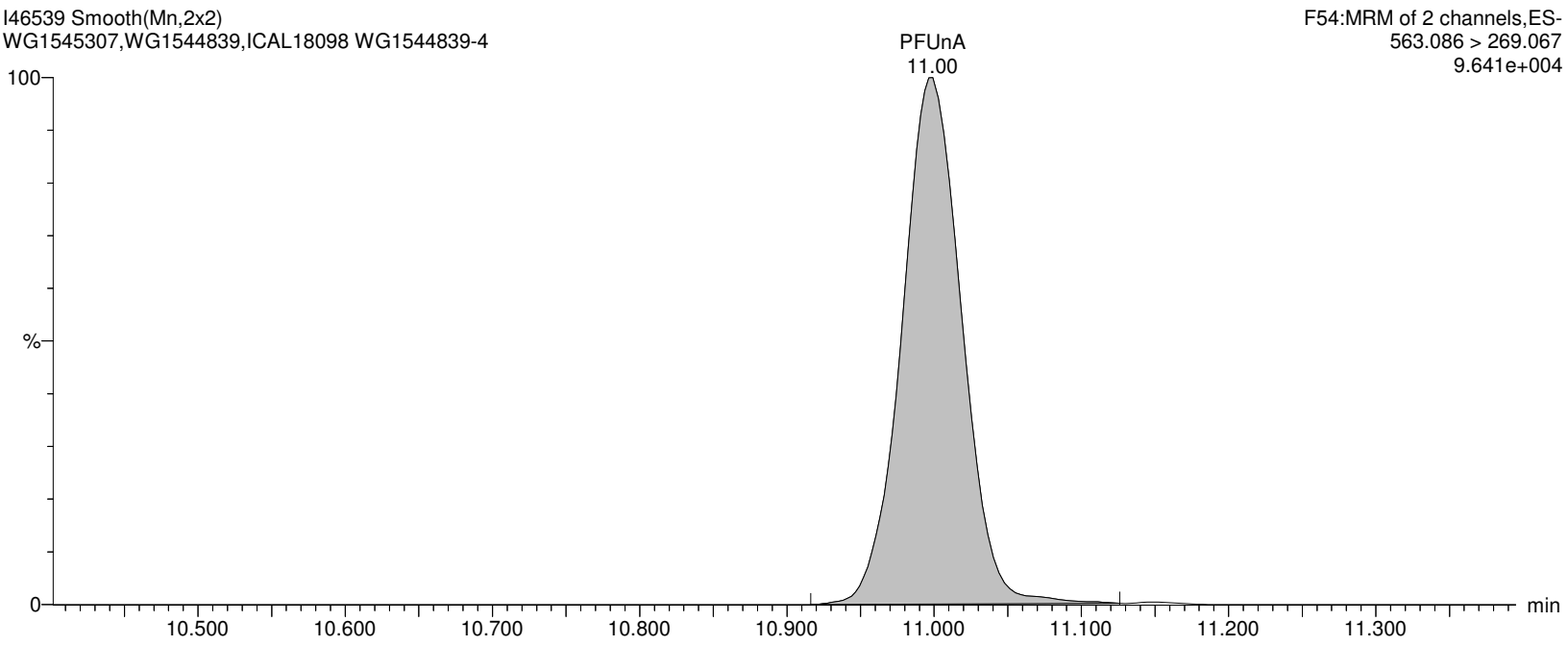
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:32:01 Eastern Daylight Time

Name: I46539
ID: WG1544839-4
Date: 11-Sep-2021
Time: 16:42:17
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFUnA



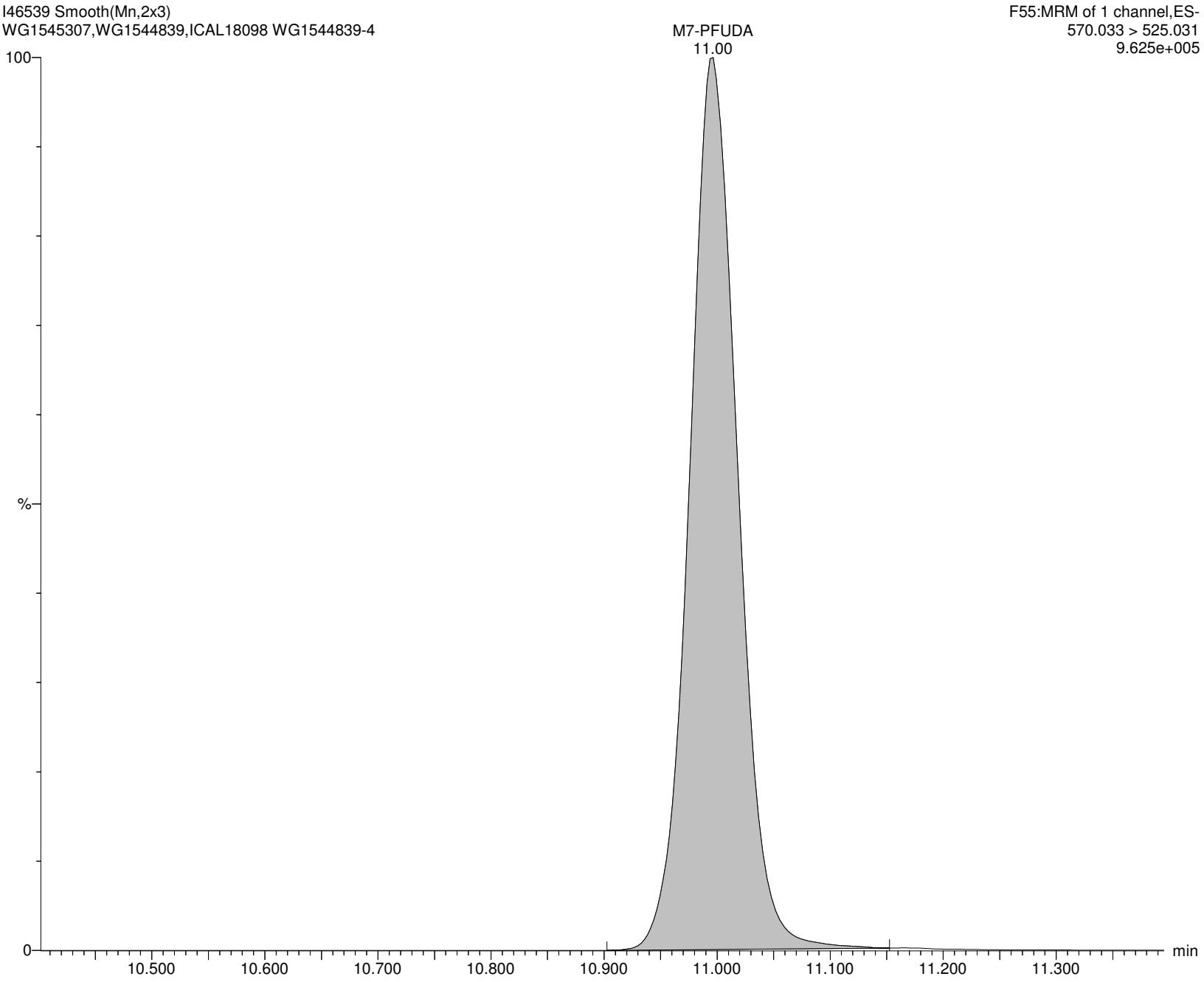


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:32:01 Eastern Daylight Time

Name: I46539
ID: WG1544839-4
Date: 11-Sep-2021
Time: 16:42:17
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M7-PFUDA

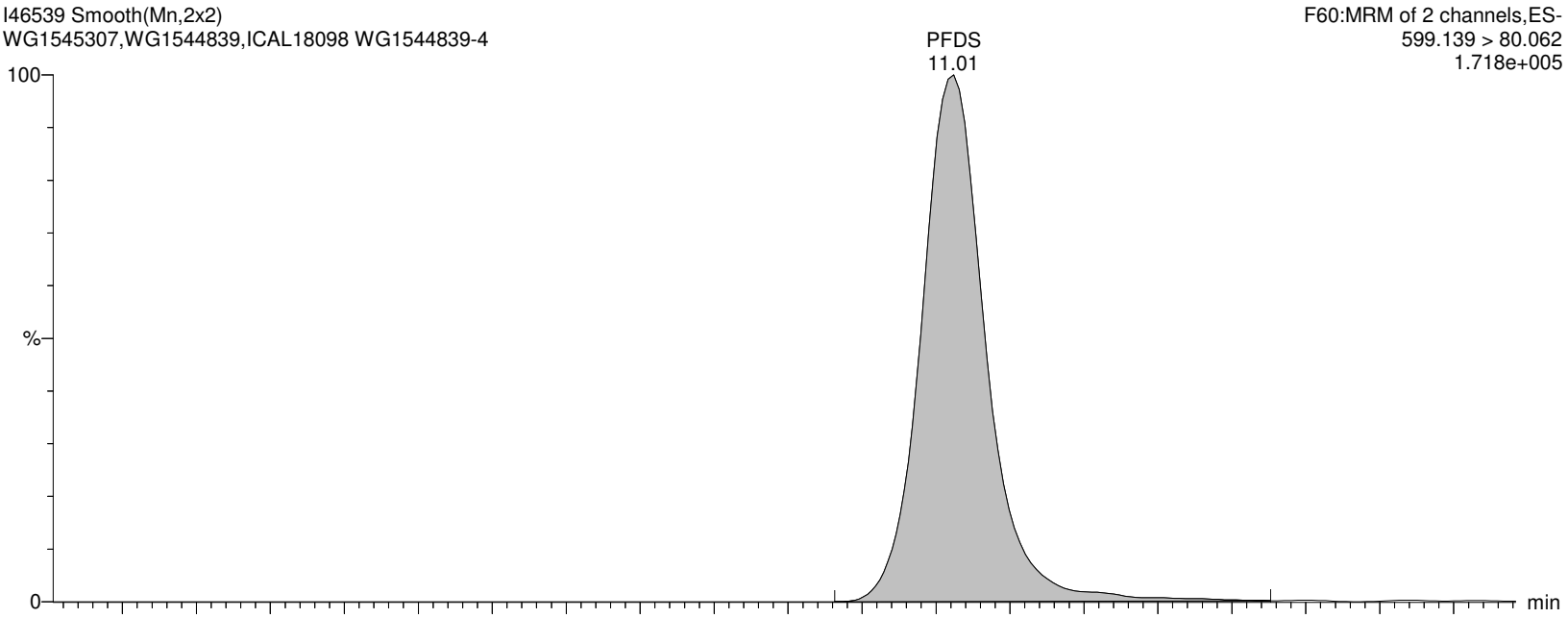


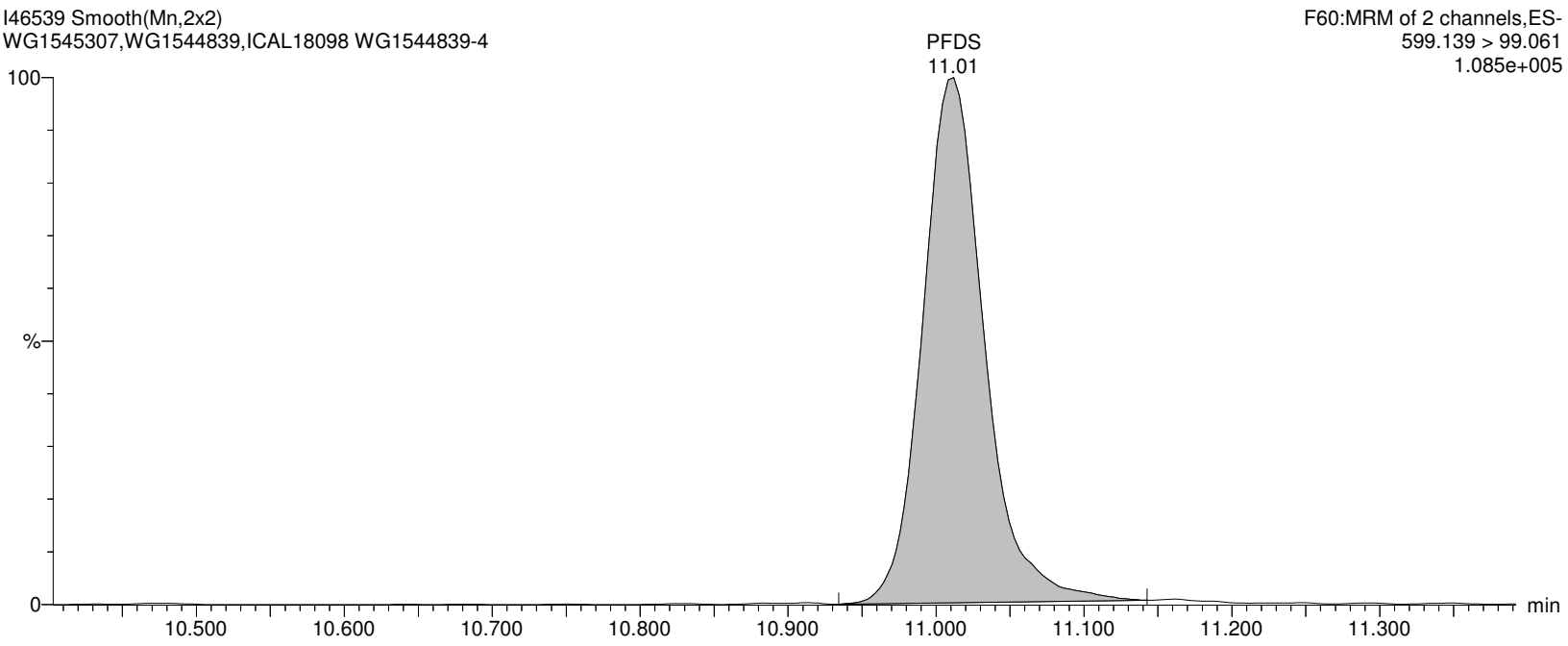
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:32:01 Eastern Daylight Time

Name: I46539
ID: WG1544839-4
Date: 11-Sep-2021
Time: 16:42:17
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDS



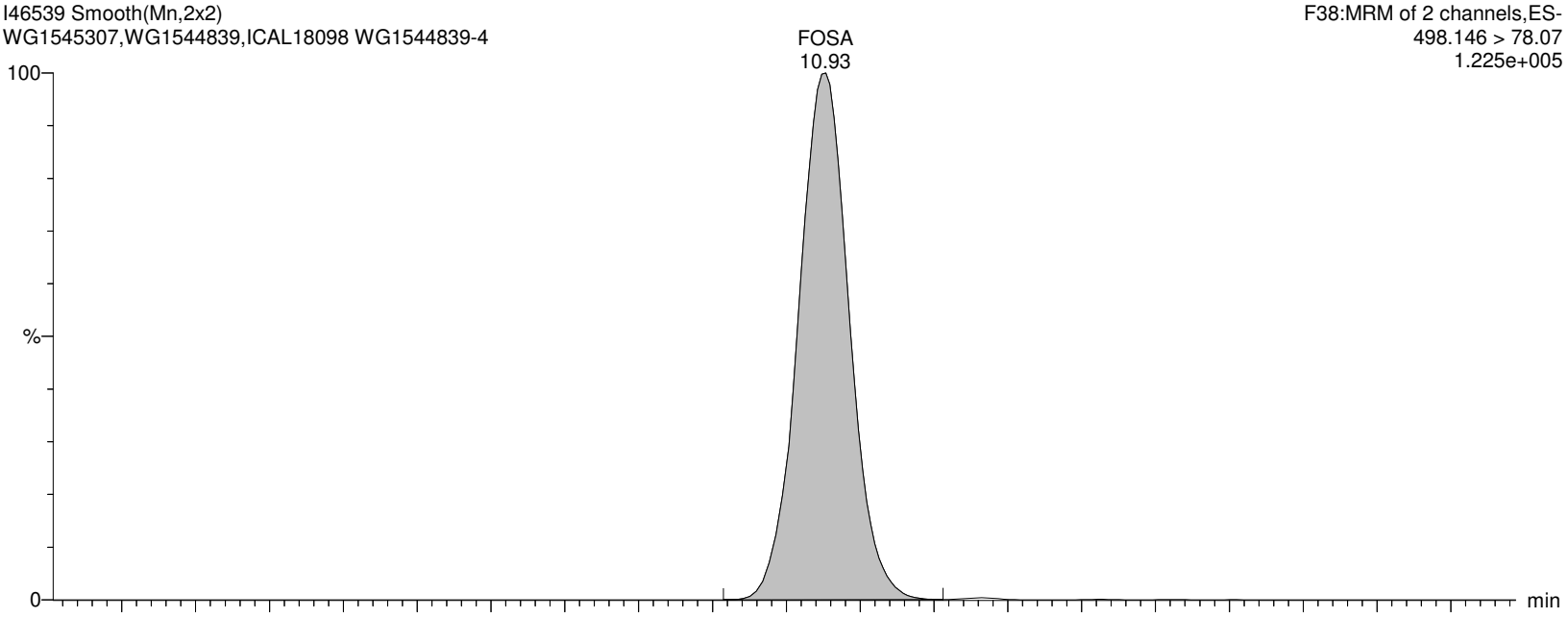


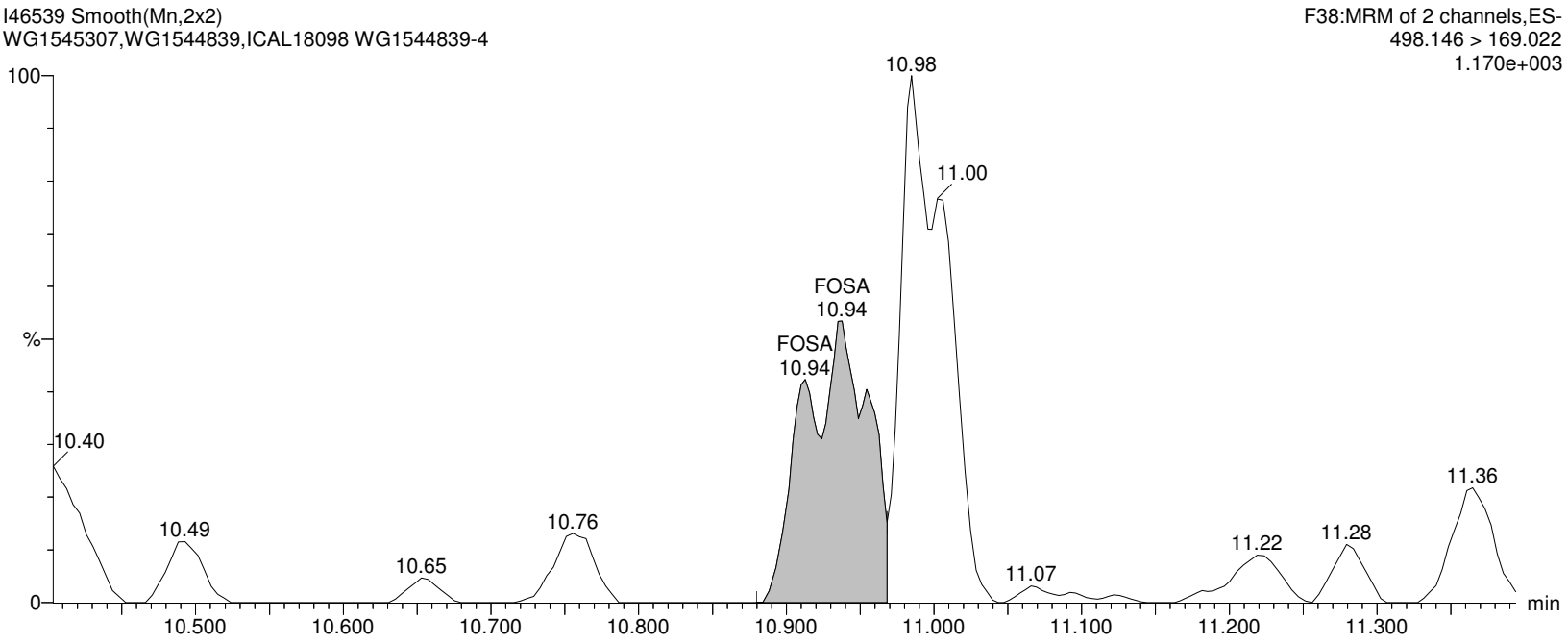
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:32:01 Eastern Daylight Time

Name: I46539
ID: WG1544839-4
Date: 11-Sep-2021
Time: 16:42:17
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

FOSA



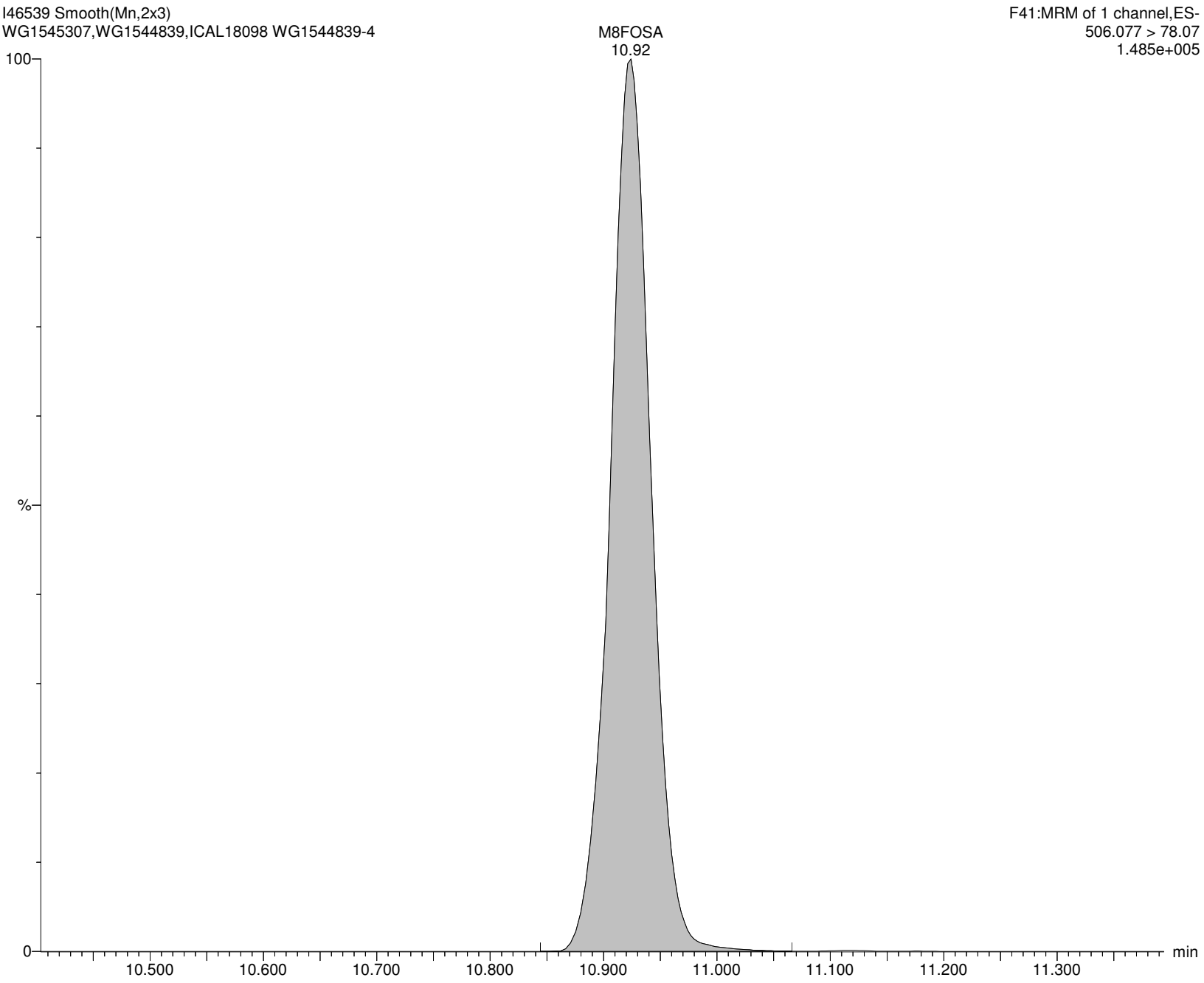


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:32:01 Eastern Daylight Time

Name: I46539
ID: WG1544839-4
Date: 11-Sep-2021
Time: 16:42:17
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8FOSA

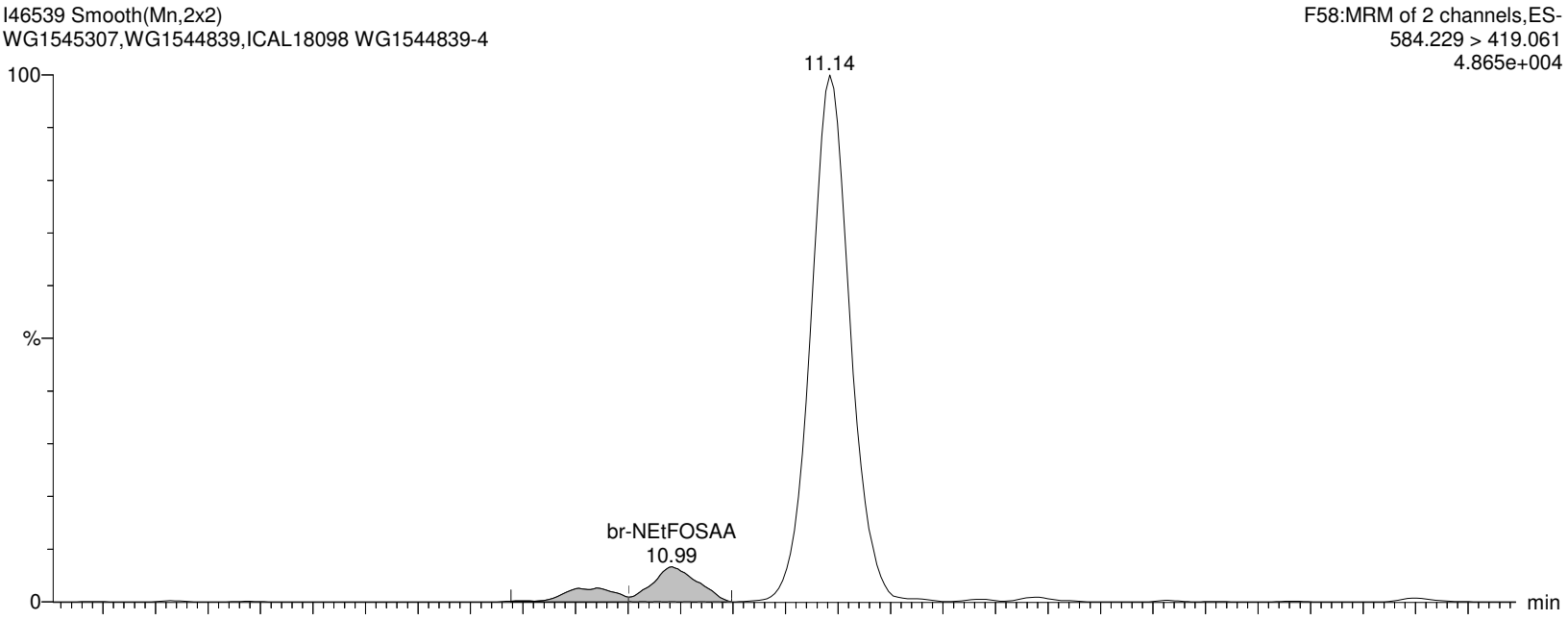


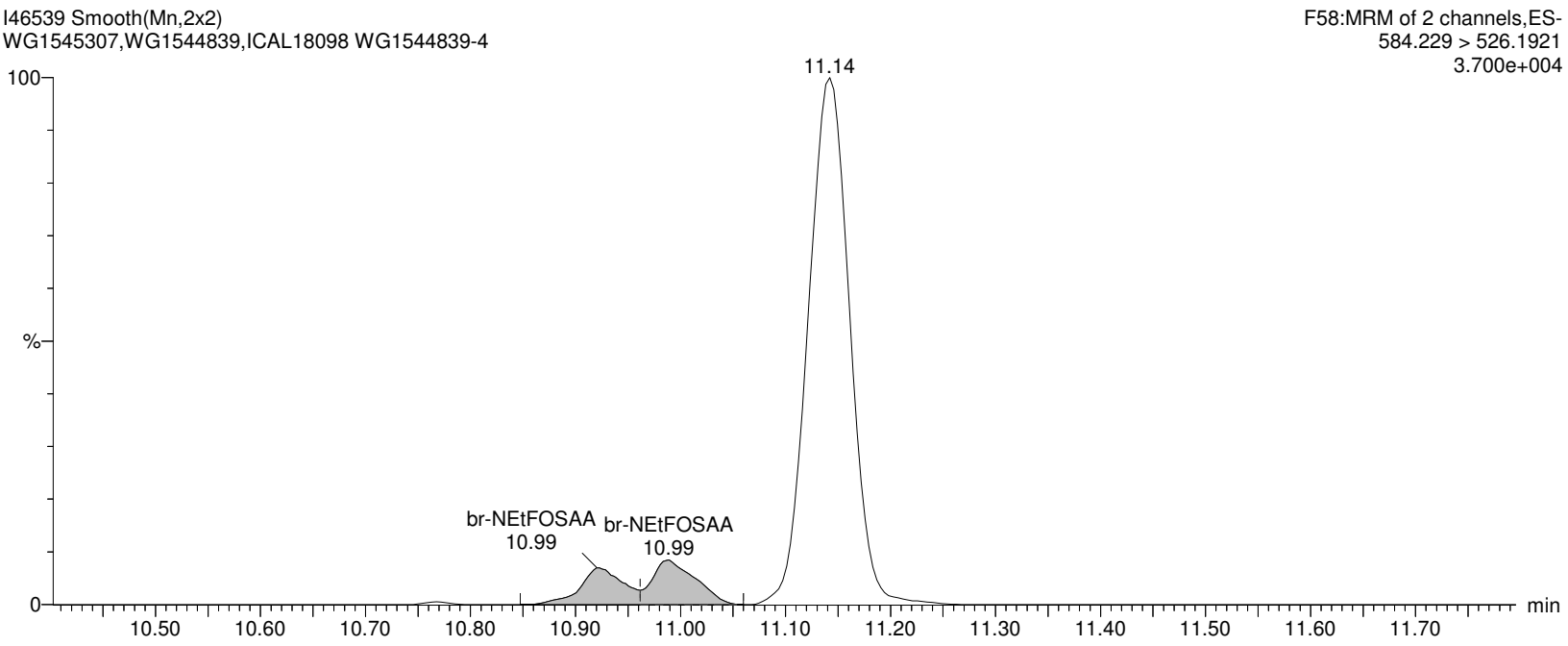
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:32:01 Eastern Daylight Time

Name: I46539
ID: WG1544839-4
Date: 11-Sep-2021
Time: 16:42:17
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NEtFOSAA



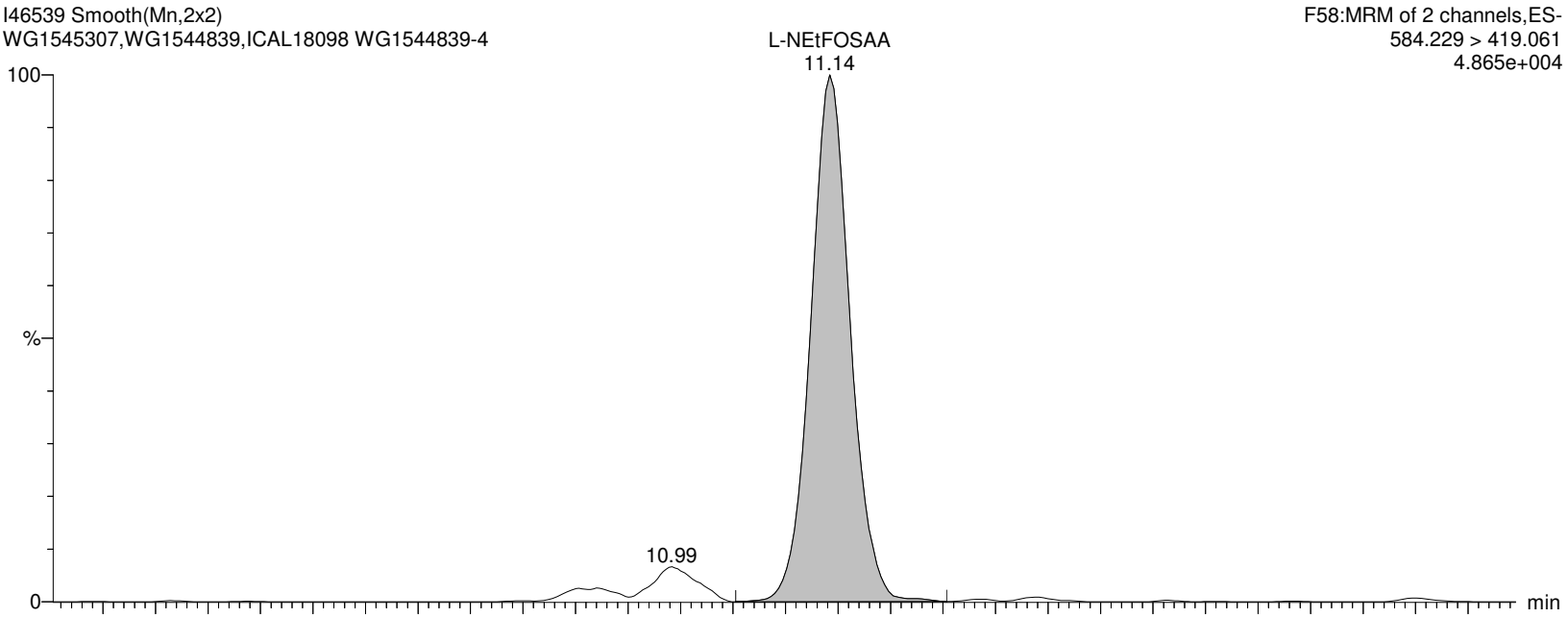


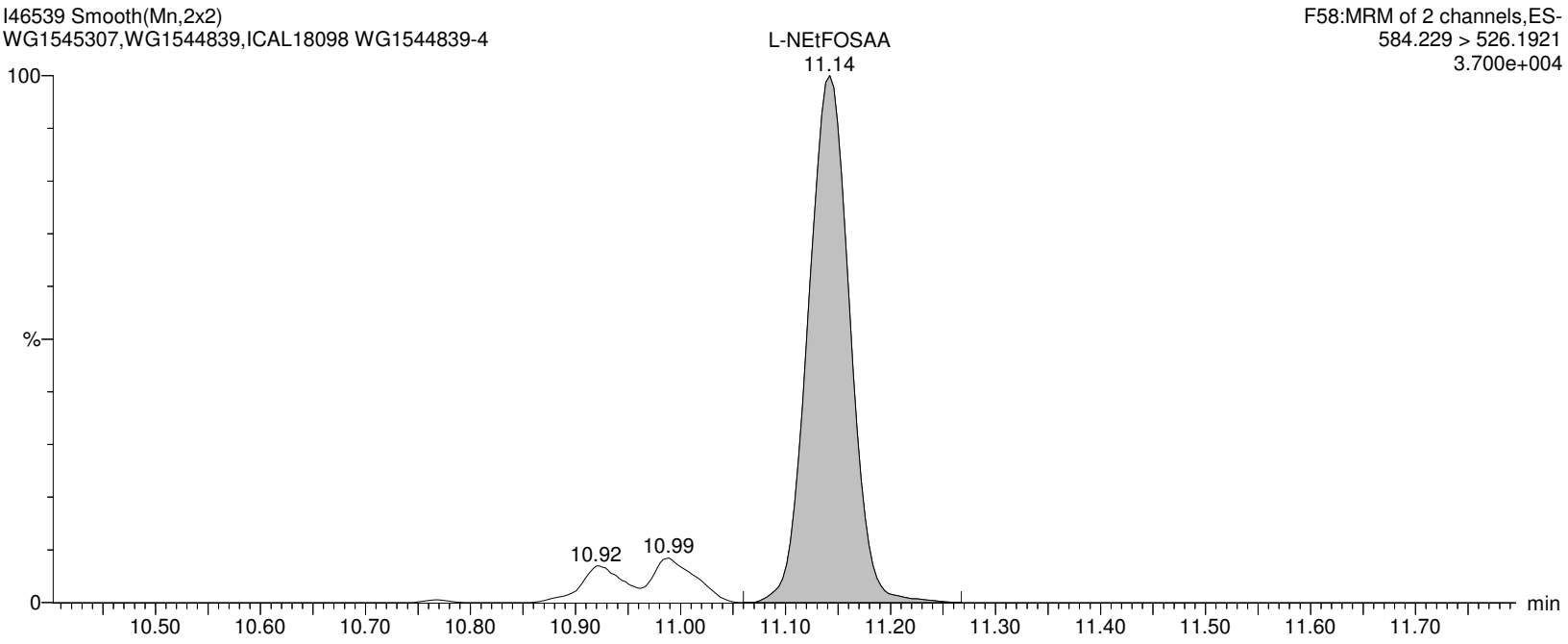
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:32:01 Eastern Daylight Time

Name: I46539
ID: WG1544839-4
Date: 11-Sep-2021
Time: 16:42:17
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NEtFOSAA



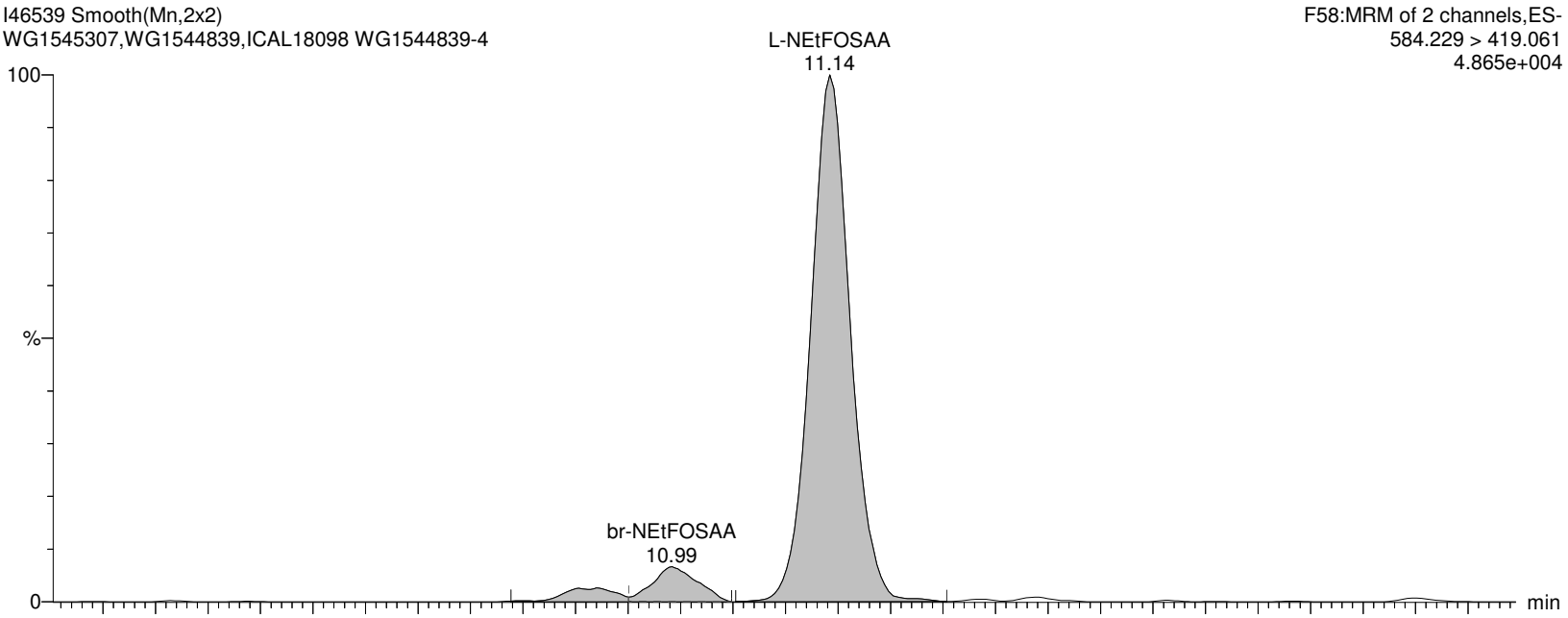


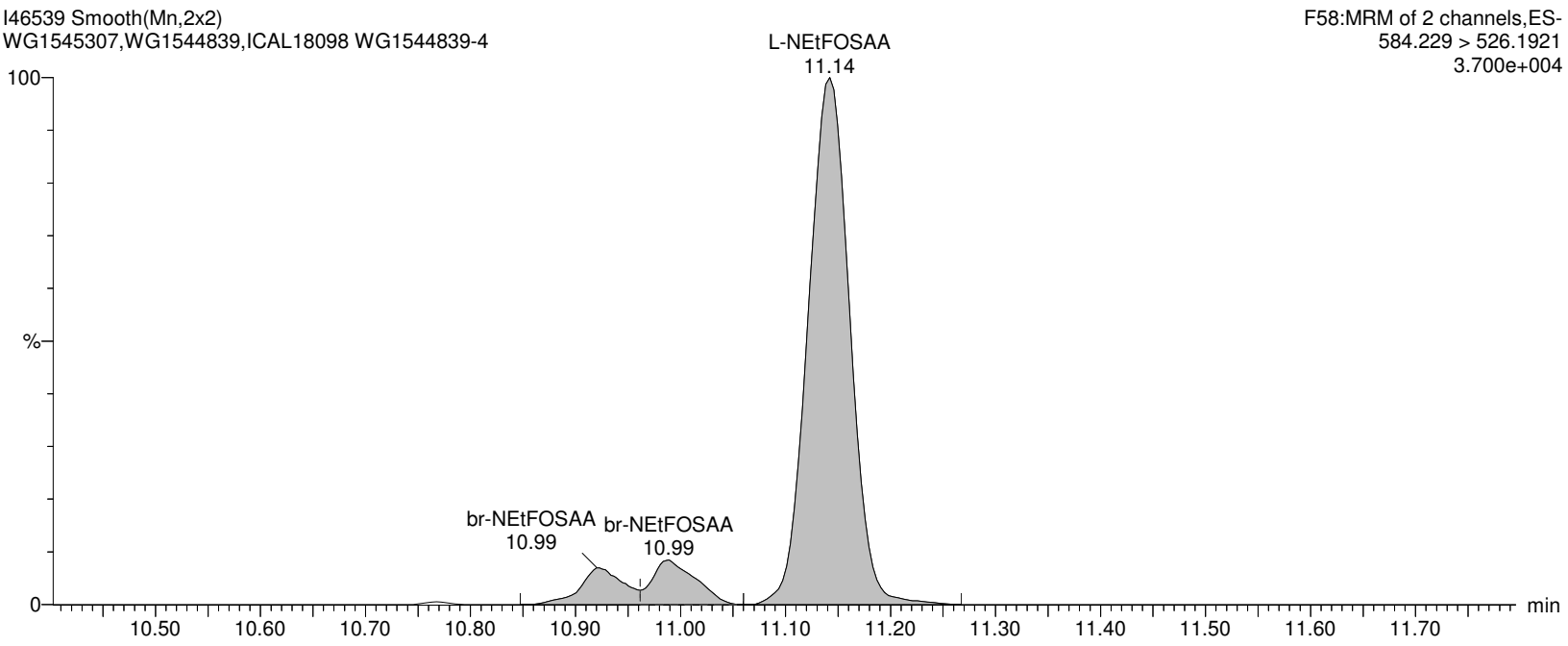
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:32:01 Eastern Daylight Time

Name: I46539
ID: WG1544839-4
Date: 11-Sep-2021
Time: 16:42:17
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSAA



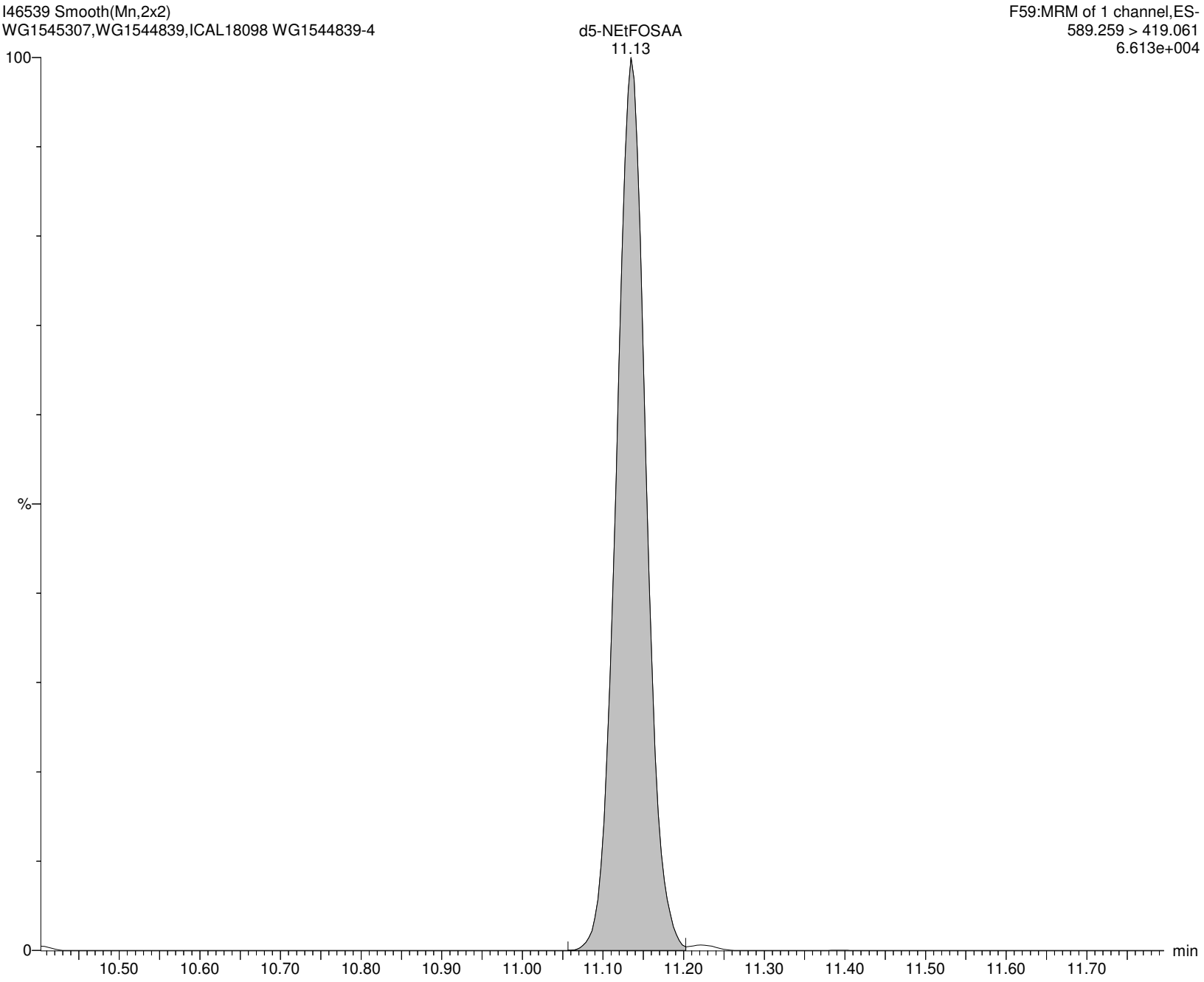


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:32:01 Eastern Daylight Time

Name: I46539
ID: WG1544839-4
Date: 11-Sep-2021
Time: 16:42:17
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSAA

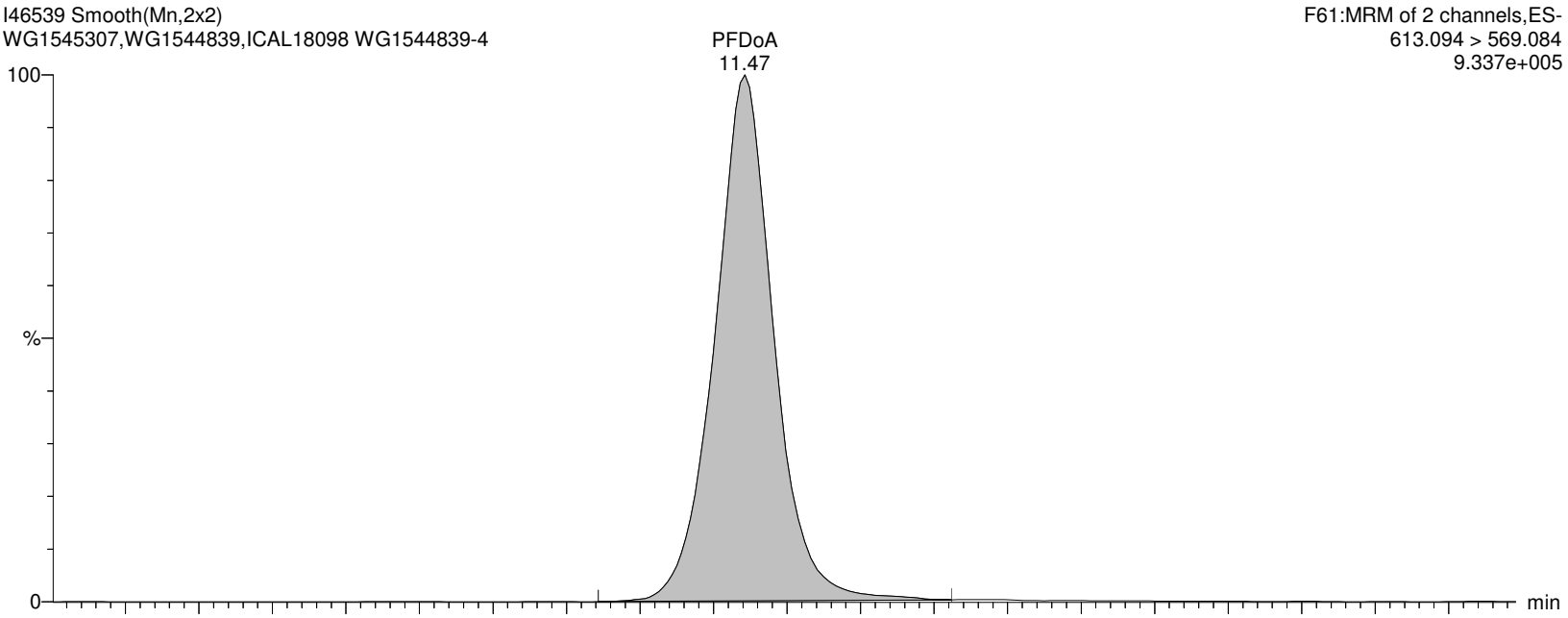


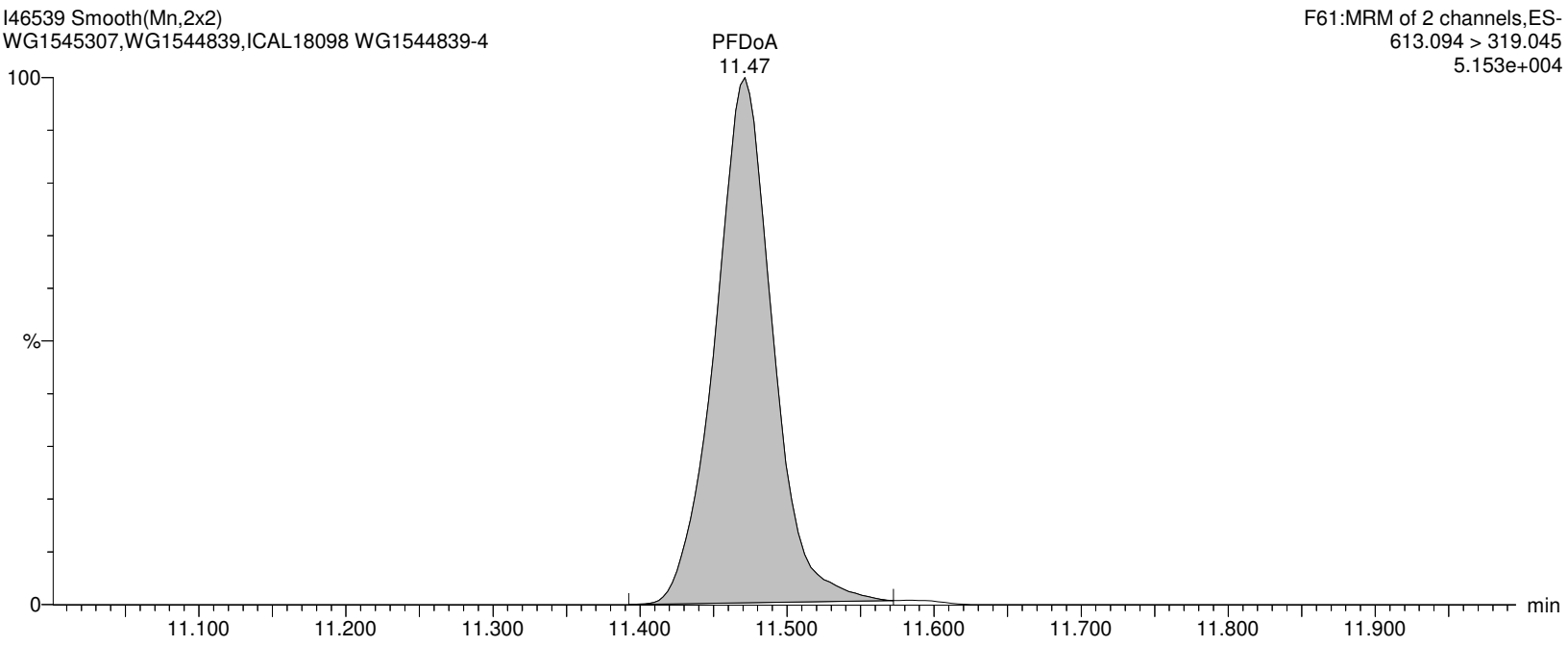
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:32:01 Eastern Daylight Time

Name: I46539
ID: WG1544839-4
Date: 11-Sep-2021
Time: 16:42:17
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoA



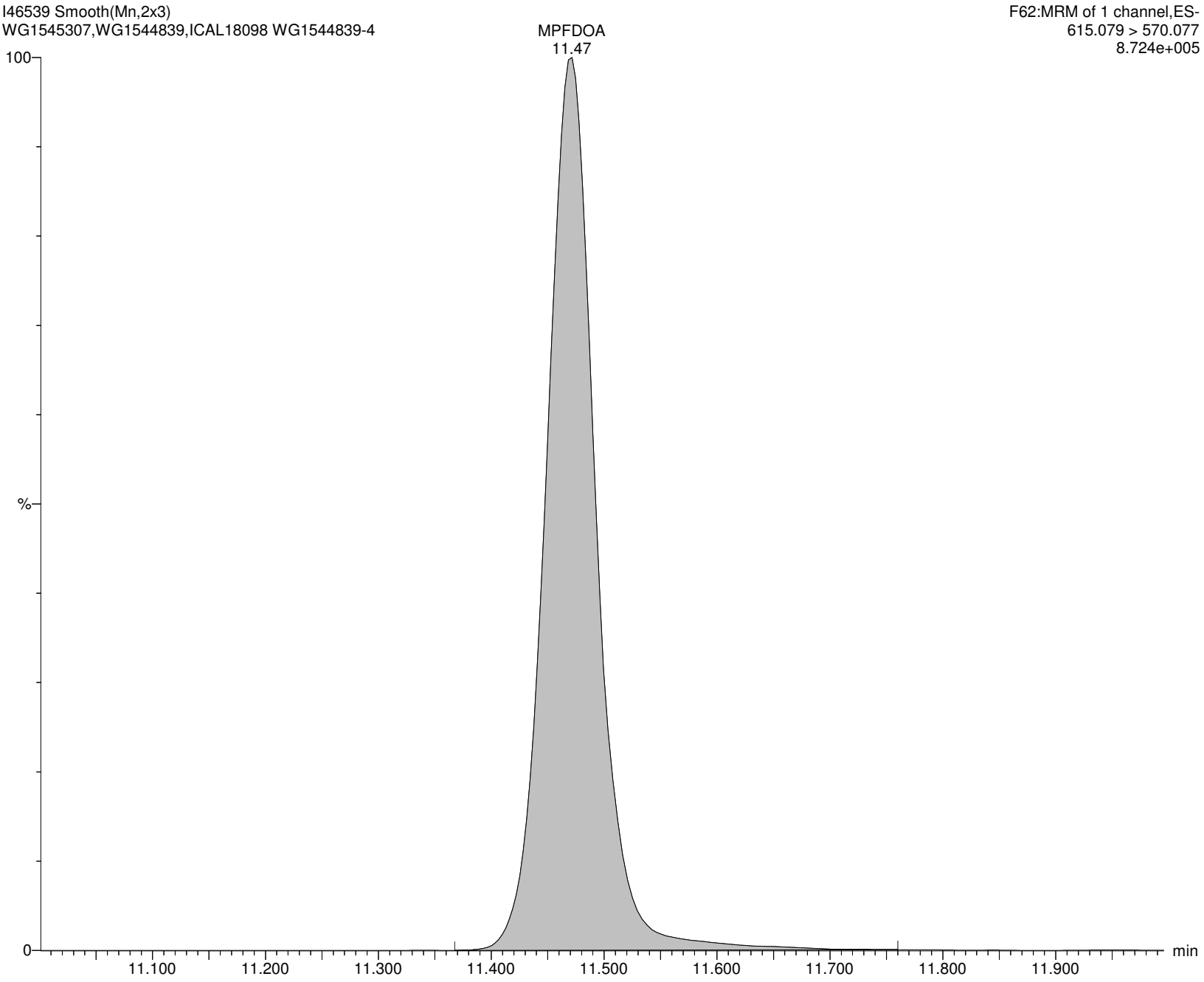


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:32:01 Eastern Daylight Time

Name: I46539
ID: WG1544839-4
Date: 11-Sep-2021
Time: 16:42:17
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFDOA

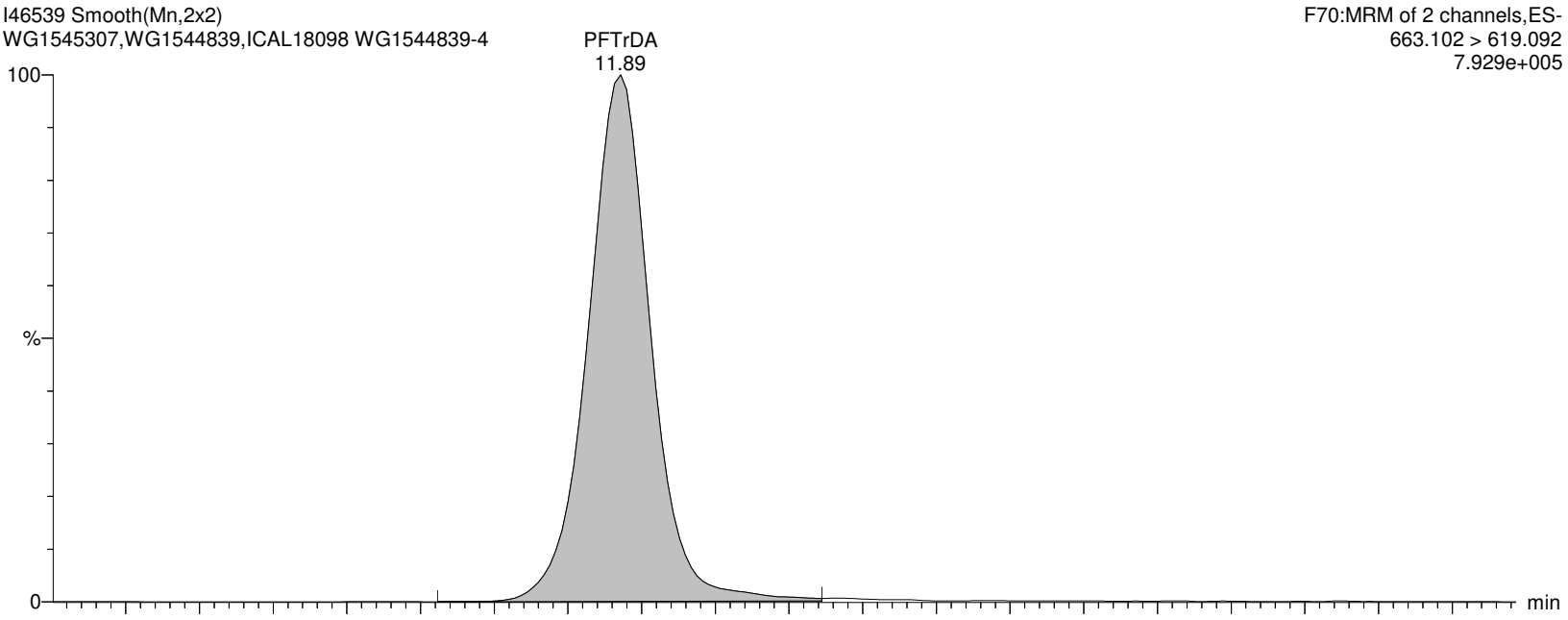


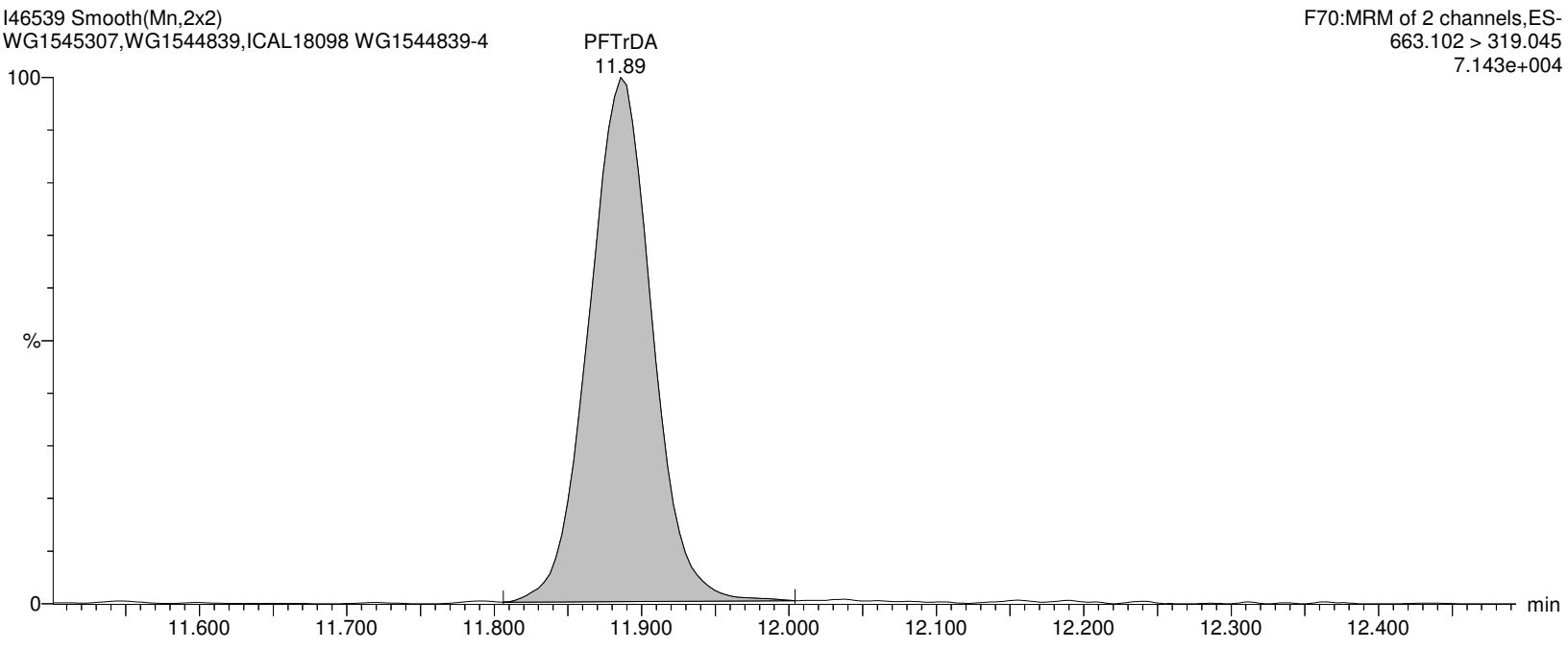
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:32:01 Eastern Daylight Time

Name: I46539
ID: WG1544839-4
Date: 11-Sep-2021
Time: 16:42:17
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTrDA



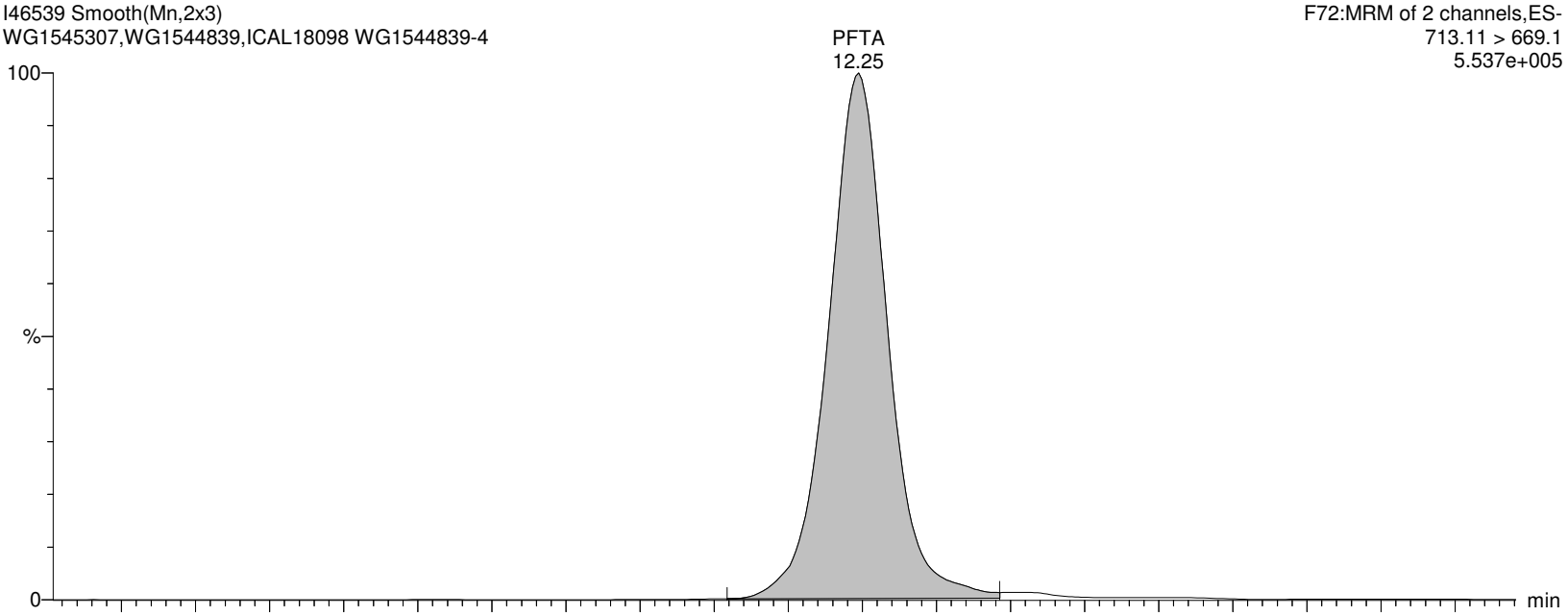


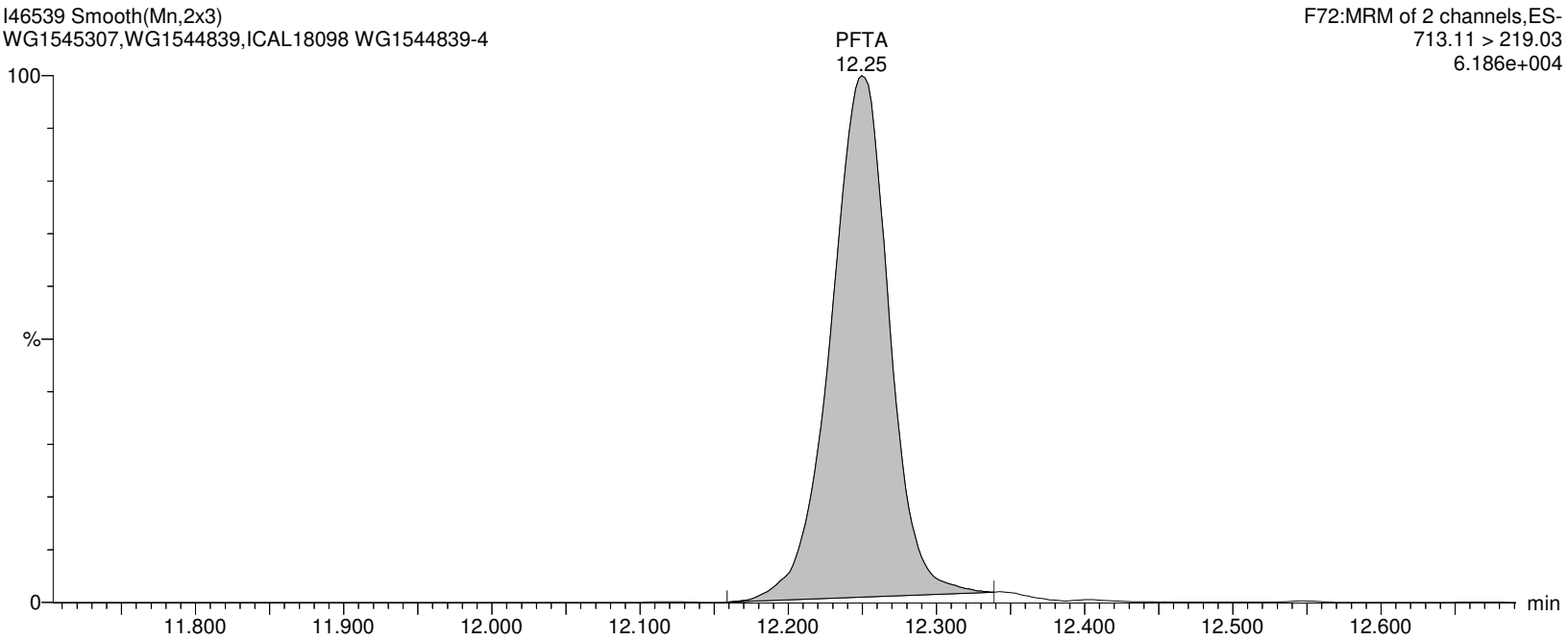
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:32:01 Eastern Daylight Time

Name: I46539
ID: WG1544839-4
Date: 11-Sep-2021
Time: 16:42:17
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTA



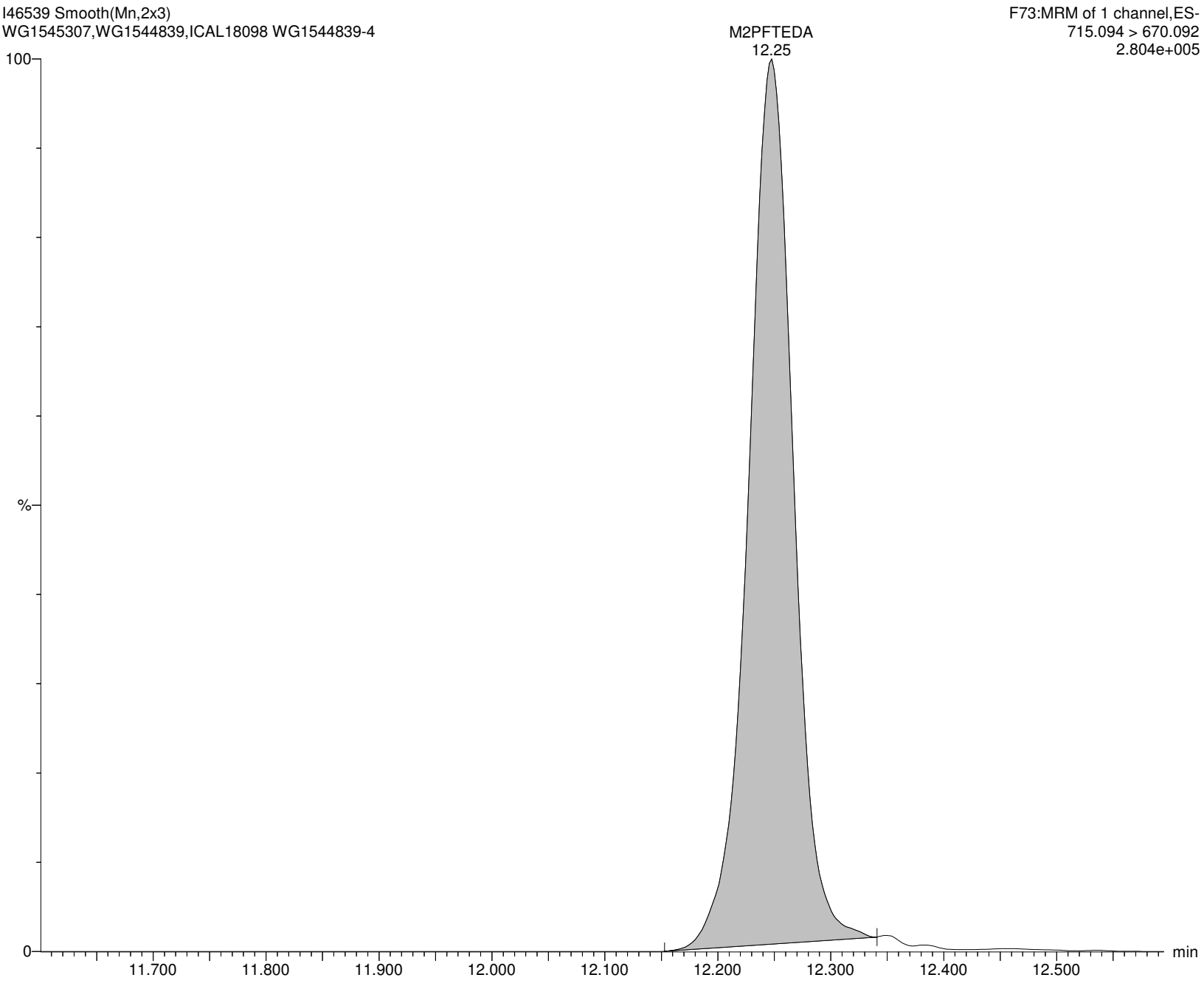


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210911_537.PRO\Data\WG1545307-A.qld
Last Altered: Sunday, September 12, 2021 21:28:42 Eastern Daylight Time
Printed: Sunday, September 12, 2021 21:32:01 Eastern Daylight Time

Name: I46539
ID: WG1544839-4
Date: 11-Sep-2021
Time: 16:42:17
Description: WG1545307,WG1544839,ICAL18098
User: LCMS02:SG
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210911_537.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFTEDA



all concentration units in (ng/mL)

Calculation of Semi Volatile Organic Compounds

Results of Water Analysis- calculation as performed in report form:

$$\text{Concentration (ug/L)} = \frac{(\text{Conc})\ (\text{Vf})\ (\text{DF})}{(\text{Vi})} \times 1000$$

where:
Conc =Raw on-column concentration obtained from the quantitation report using Initial Calibration results.
Vf = Final volume of extract (mL)
Vi= Volume of sample extracted (mL)
DF= Dilution factor

Results of Sediment/Soil Analysis- calculation as performed in report form:

$$\text{Concentration (ug/Kg)} = \frac{(\text{Conc})\ (\text{Vf})\ (\text{DF})}{(\text{W})\ (\%\text{S})}$$

where:
Conc =Raw on-column concentration obtained from the quantitation report using Initial Calibration results.
Vf = Final volume of extract (mL)
W= Aliquot of sample (wet), g
DF= Dilution factor
%S= Sample %solid (in decimal form)

ALPHA ANALYTICAL LABORATORIES, INC.

Alpha WORK GROUP REPORT (wk02)

Sep 13 2021, 02:25 pm

Work Group: WG1545307 for Department: 32 GC/MS - Semivolatiles

Created: 11-SEP-21 Due: Operator: SG

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2146809-02	TREE_LTP_TANK_RINSATE	S	A2-537-ISOTOPE	WATER	SEC	U	0914	0916	S0	Plastic-A.25
L2147603-02	SW-MID	S	A2-ME-537ISOTOPE-28+	WATER	DONE	U	0917	0920	S0	Plastic-A.25
L2147929-02	456 KITTERIDGE RD.	S	A2-ME-537ISOTOPE-28+	WATER	DONE	U	0921	0921	S0	Plastic-A.25
L2148076-01	MW-01	S	A2-NY-537-ISOTOPE	WATER	DONE	U	0922	0922	S0	Plastic-A.25
L2148076-02	MW-02	S	A2-NY-537-ISOTOPE	WATER	DONE	U	0922	0922	S0	Plastic-A.25
L2148076-03	MW-03	S	A2-NY-537-ISOTOPE	WATER	DONE	U	0922	0922	S0	Plastic-A.25
L2148076-04	DUP-20210908	S	A2-NY-537-ISOTOPE	WATER	DONE	U	0922	0922	S0	Plastic-A.25
L2148076-05	FIELD BLANK	S	A2-NY-537-ISOTOPE	WATER	DONE	U	0922	0922	S0	Plastic-A.25
L2148090-03	MW-17_090821	S	A2-537-ISOTOPE	WATER	SEC	U	0922	0922	S0	Plastic-A.25
L2148090-07	EB_090821	S	A2-537-ISOTOPE	WATER	SEC	U	0922	0922	S0	Plastic-A.25
L2148090-08	FB_090821	S	A2-537-ISOTOPE	WATER	SEC	U	0922	0922	S0	Plastic-A.25
L2148090-09	TB_090821	S	A2-537-ISOTOPE	WATER	SEC	U	0921	0922	S0	Plastic-A.25
L2148182-01	MW-201	S	A2-NY-537-ISOTOPE	WATER	DONE	U	0922	0922	S0	Plastic-A.25
L2148182-02	MW-203	S	A2-NY-537-ISOTOPE	WATER	DONE	U	0922	0922	S0	Plastic-A.25
L2148182-03	MW-210	S	A2-NY-537-ISOTOPE	WATER	DONE	U	0922	0922	S0	Plastic-A.25
L2148182-04	DUP	S	A2-NY-537-ISOTOPE	WATER	DONE	U	0922	0922	S0	Plastic-A.25
L2148182-05	MW-213	S	A2-NY-537-ISOTOPE	WATER	DONE	U	0922	0922	S0	Plastic-A.25
L2148182-06	MW-216	S	A2-NY-537-ISOTOPE	WATER	DONE	U	0922	0922	S0	Plastic-A.25
L2148182-07	MW-217	S	A2-NY-537-ISOTOPE	WATER	DONE	U	0922	0922	S0	Plastic-A.25
L2148182-08	FB	S	A2-NY-537-ISOTOPE	WATER	DONE	U	0922	0922	S0	Plastic-A.25
L2148208-03	FIELD BLANK	S	A2-537-ISOTOPE	WATER	SEC	U	0922	0922	S0	Plastic-A.25
L2148245-02	TRC-MW-4	S	A2-537-ISOTOPE	WATER	SEC	U	0922	0922	S0	Plastic-A.25
L2148326-01	232949-RW-04G	S	A2-537-ISOTOPE	WATER	SEC	U	0922	0923	S0	Plastic-A.25
L2148472-02	SKEA	S	A2-ME-537ISOTOPE-28+	WATER	SEC	U	0923	0923	S0	Plastic-A.25
L2148472-03	CAMPBELL	S	A2-ME-537ISOTOPE-28+	WATER	SEC	U	0923	0923	S0	Plastic-A.25
L2148579-01	MW4	S	A2-NY-537-ISOTOPE	WATER	SEC	U	0923	0923	S0	Plastic-A.25
L2148579-02	MW6	S	A2-NY-537-ISOTOPE	WATER	SEC	U	0923	0923	S0	Plastic-A.25
L2148579-03	MW8	S	A2-NY-537-ISOTOPE	WATER	SEC	U	0923	0923	S0	Plastic-A.25
WG1544839-1	Laboratory Method Bl	S	A2-537-ISOTOPE	WATER	DONE	U				
WG1544839-1	Laboratory Method Bl	S	A2-ME-537ISOTOPE-28+	WATER	DACQ	U				
WG1544839-1	Laboratory Method Bl	S	A2-NY-537-ISOTOPE	WATER	DACQ	U				
WG1544839-2	Laboratory Control S	S	A2-537-ISOTOPE	WATER	DACQ	U				
WG1544839-2	Laboratory Control S	S	A2-ME-537ISOTOPE-28+	WATER	DONE	U				
WG1544839-2	Laboratory Control S	S	A2-NY-537-ISOTOPE	WATER	DACQ	U				
WG1544839-3	Matrix Spike	S	A2-ME-537ISOTOPE-28+	WATER	DONE	U				
WG1544839-3	Matrix Spike	S	A2-NY-537-ISOTOPE	WATER	DACQ	U				
WG1544839-3	Matrix Spike	S	A2-537-ISOTOPE	WATER	DACQ	U				
WG1544839-4	Matrix Spike Duplica	S	A2-NY-537-ISOTOPE	WATER	DACQ	U				
WG1544839-4	Matrix Spike Duplica	S	A2-ME-537ISOTOPE-28+	WATER	DONE	U				
WG1544839-4	Matrix Spike Duplica	S	A2-537-ISOTOPE	WATER	DACQ	U				
WG1545040-1	Laboratory Method Bl	S	A2-NY-537-ISOTOPE	WATER	DACQ	U				
WG1545040-1	Laboratory Method Bl	S	A2-537-ISOTOPE	WATER	DACQ	U				
WG1545040-1	Laboratory Method Bl	S	A2-ME-537ISOTOPE-28+	WATER	SEC	U				
WG1545040-1	Laboratory Method Bl	S	A2-ME-537ISOTOPE-28+	DW	SEC	U				
WG1545040-2	Laboratory Control S	S	A2-ME-537ISOTOPE-28+	DW	SEC	U				
WG1545040-2	Laboratory Control S	S	A2-NY-537-ISOTOPE	WATER	DACQ	U				
WG1545040-2	Laboratory Control S	S	A2-ME-537ISOTOPE-28+	WATER	SEC	U				
WG1545040-2	Laboratory Control S	S	A2-537-ISOTOPE	WATER	DACQ	U				
WG1545040-3	Matrix Spike	S	A2-NY-537-ISOTOPE	WATER	DACQ	U				
WG1545040-3	Matrix Spike	S	A2-ME-537ISOTOPE-28+	WATER	SEC	U				
WG1545040-3	Matrix Spike	S	A2-ME-537ISOTOPE-28+	DW	SEC	U				
WG1545040-3	Matrix Spike	S	A2-537-ISOTOPE	WATER	DACQ	U				
WG1545040-4	Matrix Spike Duplica	S	A2-ME-537ISOTOPE-28+	DW	SEC	U				
WG1545040-4	Matrix Spike Duplica	S	A2-NY-537-ISOTOPE	WATER	DACQ	U				
WG1545040-4	Matrix Spike Duplica	S	A2-537-ISOTOPE	WATER	DACQ	U				
WG1545040-4	Matrix Spike Duplica	S	A2-ME-537ISOTOPE-28+	WATER	SEC	U				

Comments:

WG1544839-3	L2148076-03
WG1544839-4	L2148076-03
WG1545040-3	L2148579-02

ALPHA ANALYTICAL LABORATORIES, INC.

Alpha WORK GROUP REPORT (wk02)

Sep 13 2021, 02:25 pm

Work Group: WG1545307 for Department: 32 GC/MS - Semivolatiles

Created: 11-SEP-21 Due: Operator: SG

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
WG1545040-4	L2148579-02									

	Vial	File Name	File Text	Sample ID
1	---	---	ISLOT#LC_ISO_ISTD_210614	SURROGATE LOT#LC_ISO_SURR_210613
2	---	---	TOPSURR_LC_TOPSURR_210326	ADONSURR LOT# LC_ISO_ADDON_210614
3	1:C,2	I42785	WG1515769,,,LC_ICAL_STD_210517 50 uL of 10	IA537STD-.5
4	1:C,3	I42786	WG1515769,,,LC_ICAL_STD_210517 100 uL of 10	IA537STD-1
5	1:C,4	I42787	WG1515769,,,LC_ICAL_STD_210517 200 uL of 10	IA537STD-2
6	1:C,5	I42788	WG1515769,,,LC_ICAL_STD_210517 50 uL of 100	IA537STD-5
7	1:C,6	I42789	WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100	IA537STD-10
8	1:C,7	I42790	WG1515769,,,LC_ICAL_STD_210517 50 uL	IA537STD-25
9	1:C,8	I42791	WG1515769,,,LC_ICAL_STD_210517 100 uL	IA537STD-50
10	1:D,1	I42792	WG1515769,,,LC_ICAL_STD_210517 200 uL	IA537STD-100
11	1:D,2	I42793	WG1515769,,,LC_ICAL_STD_210517 250 uL	IA537STD-250
12	1:D,3	I42799	WG1515769,,,LC_537ISO_ICV_201221	CA537STD-10
13	1:D,4	I42800	WG1515769,,,LC_537ISO_ICV_201222	CA537STD-10
14	1:D,5	I42801	WG1515769,,,LC_537_TECHSTD_210316	Tech STD

MS File	MS Tune File	Inlet File	Inject Volume	Sample Type	Conc A
---	---	---	0.0	Blank	---
---	---	---	0.0	Analyte	---
537ISO_M_SPAN2_DOD_TOP_210302	210601_TUNE	LCMS_537_ISO_B	3.0	Standard	.5
537ISO_M_SPAN2_DOD_TOP_210302	210601_TUNE	LCMS_537_ISO_B	3.0	Standard	1.0
537ISO_M_SPAN2_DOD_TOP_210302	210601_TUNE	LCMS_537_ISO_B	3.0	Standard	2.0
537ISO_M_SPAN2_DOD_TOP_210302	210601_TUNE	LCMS_537_ISO_B	3.0	Standard	5.0
537ISO_M_SPAN2_DOD_TOP_210302	210601_TUNE	LCMS_537_ISO_B	3.0	Standard	10
537ISO_M_SPAN2_DOD_TOP_210302	210601_TUNE	LCMS_537_ISO_B	3.0	Standard	25
537ISO_M_SPAN2_DOD_TOP_210302	210601_TUNE	LCMS_537_ISO_B	3.0	Standard	50
537ISO_M_SPAN2_DOD_TOP_210302	210601_TUNE	LCMS_537_ISO_B	3.0	Standard	100
537ISO_M_SPAN2_DOD_TOP_210302	210601_TUNE	LCMS_537_ISO_B	3.0	Standard	250
537ISO_M_SPAN2_DOD_TOP_210302	210601_TUNE	LCMS_537_ISO_B	3.0	QC	10
537ISO_M_SPAN2_DOD_TOP_210302	210601_TUNE	LCMS_537_ISO_B	3.0	QC	10
537ISO_M_SPAN2_DOD_TOP_210302	210601_TUNE	LCMS_537_ISO_B	3.0	Analyte	---

User

LCMS02:RS
LCMS02:RS
LCMS02:RS
LCMS02:RS
LCMS02:RS
LCMS02:RS
LCMS02:RS
LCMS02:RS
LCMS02:RS
LCMS02:RS
LCMS02:RS
LCMS02:RS
LCMS02:RS

Run Date	9/11/2021
Instrument	LCMS-02
Verified by	HT

VIAL	FILE	WG STRINGER	SAMPLE ID
1:A,1	I46526	Blank	MeOH Blank
1:A,1	I46527	Blank	MeOH Blank
1:A,2	I46528	**WG1545307,WG1544839,ICAL18098,537ILOW**	**WG1545307-1,537ILOW**
1:B,1	I46529	WG1545307,WG1544839,ICAL18098	WG1544839-1
1:B,2	I46530	WG1545307,WG1544839,ICAL18098	WG1544839-2
1:B,3	I46531	WG1545307,WG1544839,ICAL18098,LEXT	L2147550-02
1:B,4	I46532	WG1545307,WG1544839,ICAL18098	L2147603-02
1:B,5	I46533	WG1545307,WG1544839,ICAL18098	L2147603-03
1:B,6	I46534	WG1545307,WG1544839,ICAL18098	L2147929-02
1:B,7	I46535	WG1545307,WG1544839,ICAL18098	L2148076-01
1:B,8	I46536	WG1545307,WG1544839,ICAL18098	L2148076-02
1:C,1	I46537	WG1545307,WG1544839,ICAL18098	L2148076-03
1:C,2	I46538	WG1545307,WG1544839,ICAL18098	WG1544839-3
1:C,3	I46539	WG1545307,WG1544839,ICAL18098	WG1544839-4
1:C,4	I46540	WG1545307,WG1544839,ICAL18098	L2148076-04
1:C,5	I46541	WG1545307,WG1544839,ICAL18098	L2148076-05
1:C,6	I46542	WG1545307,WG1544839,ICAL18098	L2148182-01
1:A,3	I46543	**WG1545307,WG1544839,ICAL18098,537IMED**	**WG1545307-2,537IMED**
1:C,7	I46544	WG1545307,WG1544839,ICAL18098	L2148182-02
1:C,8	I46545	WG1545307,WG1544839,ICAL18098	L2148182-03
1:D,1	I46546	WG1545307,WG1544839,ICAL18098	L2148182-04
1:D,2	I46547	WG1545307,WG1544839,ICAL18098	L2148182-05
1:D,3	I46548	WG1545307,WG1544839,ICAL18098	L2148182-06
1:D,4	I46549	WG1545307,WG1544839,ICAL18098	L2148182-07
1:D,5	I46550	WG1545307,WG1544839,ICAL18098	L2148182-08
1:D,6	I46551	WG1545307,WG1544839,ICAL18098	L2148208-03
1:D,7	I46552	WG1545307,WG1544839,ICAL18098	L2148245-02
1:D,8	I46553	WG1545307,WG1544839,ICAL18098	L2148326-01
1:A,2	I46554	**WG1545307,WG1544839,ICAL18098,537ILOW**	**WG1545307-3,537ILOW**
1:E,1	I46555	WG1545307,WG1545040,ICAL18098	WG1545040-1
1:E,2	I46556	WG1545307,WG1545040,ICAL18098	WG1545040-2
1:E,3	I46557	WG1545307,WG1545040,ICAL18098	L2146809-02
1:E,4	I46558	WG1545307,WG1545040,ICAL18098	L2148090-01
1:E,5	I46559	WG1545307,WG1545040,ICAL18098	L2148090-02
1:E,6	I46560	WG1545307,WG1545040,ICAL18098	L2148090-03
1:E,7	I46561	WG1545307,WG1545040,ICAL18098	L2148090-04
1:E,8	I46562	WG1545307,WG1545040,ICAL18098	L2148090-05
1:F,1	I46563	WG1545307,WG1545040,ICAL18098	L2148090-06
1:F,2	I46564	WG1545307,WG1545040,ICAL18098	L2148090-07
1:F,3	I46565	WG1545307,WG1545040,ICAL18098	L2148090-08
1:F,4	I46566	WG1545307,WG1545040,ICAL18098	L2148090-09
1:A,3	I46567	**WG1545307,WG1544839,ICAL18098,537IMED**	**WG1545307-4,537IMED**
1:F,5	I46568	WG1545307,WG1545040,ICAL18098	L2148472-02
1:F,6	I46569	WG1545307,WG1545040,ICAL18098	L2148472-03
1:F,7	I46570	WG1545307,WG1545040,ICAL18098	L2148579-01
1:F,8	I46571	WG1545307,WG1545040,ICAL18098	L2148579-02
2:A,1	I46572	WG1545307,WG1545040,ICAL18098	WG1545040-3
2:A,2	I46573	WG1545307,WG1545040,ICAL18098	WG1545040-4
2:A,3	I46574	WG1545307,WG1545040,ICAL18098	L2148579-03
2:A,4	I46575	WG1545307,WG1545150,ICAL18098,LOT CHECK	WG1545150-1
2:A,5	I46576	WG1545307,WG1545150,ICAL18098,LOT CHECK	L2102586-18
1:A,2	I46577	**WG1545307,WG1544839,ICAL18098,537ILOW**	**WG1545307-5,537ILOW**

ORGANIC ELN REPORT

Workgroup: WG1544839

Prep Method: ALPHA 23528
Solvent Type: Methanol **Lot #:** EB849-US
Surrogate Type: 537 **Lot #:** LC_537_ISO_SURR_210831
Spike Type: 537 **Lot #:** LC_537_ISO_LCS_2010823
Spike Verify by: KG
Lims Spikelot: 537I

Additional Reagents/Stds

2% NH4OH	EC090921C, EC090821C
25 mM NaOAc	EC090421A
Acetic Acid	2020103099
pH Strip	10BDH1311

Conc.Method: N-EVAP
Solvent Type: 80:20 Methanol/Wat
Lot #: EC090821D

Additional Reagents/Stds

IS	537_ISO_ISTD_210830

Cleanup 1

Cleanup Method 1:
Cleanup Method 2:
Solvent Type: **Lot #:**

Additional Reagents/Stds

Extraction **Concentration**

Sample/ Type	Extract Date	Analyst	Initial Sample Weight	Final Weight g	Sample Vol g	Ph	Balance Id	Surr Amt ml	Spike Amt ml	Pipette Id	Lot: Spe Cartridge	Flow Rate ml/min	Lot: Clnup Cartrid	Flow Rate 2 ml/min	Conc Date	Analyst	Final Vol ml	Conc Unit	Pipette Id
L2147550-02 WATER	09/10/21 08:45	Tyler Russell	298.15	26.56	271.59	3	BAL-21	.02		286	S21-010835; S308-012	4	D00029; 1/1246/G	4	09/10/21 17:00	Lia Stapinski	1	NEVAP 60-7	276,247
	1-3 HOSE 63																		
L2147603-02 WATER	09/10/21 08:45	Tyler Russell	271.45	25.97	245.48	3	BAL-21	.02		286	S21-010835; S308-012	4	D00029; 1/1246/G	4	09/10/21 17:00	Lia Stapinski	1	NEVAP 60-7	276,247
	1-4 HOSE 24																		
L2147603-03	09/10/21 08:45	Tyler Russell	267.98	26.23	241.75	3	BAL-21	.02		286	S21-010835; S308-012	4	D00029; 1/1246/G	4	09/10/21 17:00	Lia Stapinski	1	NEVAP 60-7	276,247
	1-5 HOSE 206																		
L2147929-02 WATER	09/10/21 08:45	Tyler Russell	317.01	26.27	290.74	3	BAL-21	.02		286	S21-010835; S308-012	4	D00029; 1/1246/G	4	09/10/21 17:00	Lia Stapinski	1	NEVAP 60-7	276,247
	1-6 HOSE 2																		
L2148076-01 SAMP	09/10/21 08:45	Tyler Russell	299.36	27.38	271.98	3	BAL-21	.02		286	S21-010835; S308-012	4	D00029; 1/1246/G	4	09/10/21 17:00	Lia Stapinski	1	NEVAP 60-7	276,247
	15-1 HOSE 34																		
L2148076-02 SAMP	09/10/21 08:45	Tyler Russell	303.11	27.41	275.7	3	BAL-21	.02		286	S21-010835; S308-012	4	D00029; 1/1246/G	4	09/10/21 17:00	Lia Stapinski	1	NEVAP 60-7	276,247
	15-2 HOSE 215																		

Reported: 13-SEP-21 02:25 PM

ORGANIC ELN REPORT

Workgroup: WG1544839

Sample/ Type	Extraction													Concentration				
	Extract Date	Analyst	Initial Sample Weight	Final Weight g	Sample Vol g	Ph	Balance Id	Surr Amt ml	Spike Amt ml	Pipette Id	Lot: Spe Cartridge	Flow Rate ml/min	Lot: Clnup Cartrid	Flow Rate 2 ml/min	Conc Date	Analyst	Final Vol ml	Conc Unit	Pipette Id
L2148076-03 SAMP	09/10/21 08:45	Tyler Russell	300.21	27.68	272.53	3	BAL-21	.02		286	S21-010835; S308-012	4	D00029; 1/1246/G	4	09/10/21 17:00	Lia Stapinski	1	NEVAP 60-7	276,247
	15-3 HOSE 210																		
L2148076-04 SAMP	09/10/21 08:45	Tyler Russell	301.10	27.84	273.26	3	BAL-21	.02		286	S21-010835; S308-012	4	D00029; 1/1246/G	4	09/10/21 17:00	Lia Stapinski	1	NEVAP 60-7	276,247
	15-6 HOSE 214																		
L2148076-05 SAMP	09/10/21 08:45	Tyler Russell	316.02	27.81	288.21	3	BAL-21	.02		286	S21-010835; S308-012	4	D00029; 1/1246/G	4	09/10/21 17:00	Lia Stapinski	1	NEVAP 60-7	276,247
	3-1 HOSE 203																		
L2148182-01 WATER	09/10/21 08:45	Tyler Russell	301.63	27.60	274.03	3	BAL-21	.02		286	S21-010835; S308-012	4	D00029; 1/1246/G	4	09/10/21 17:00	Lia Stapinski	1	NEVAP 60-7	276,247
	3-2 HOSE 32																		
L2148182-02 WATER	09/10/21 08:45	Tyler Russell	315.57	27.30	288.27	3	BAL-21	.02		286	S21-010835; S308-012	4	D00029; 1/1246/G	4	09/10/21 17:00	Lia Stapinski	1	NEVAP 60-7	276,247
	3-3 HOSE 69																		
L2148182-03 WATER	09/10/21 08:45	Tyler Russell	300.24	27.51	272.73	3	BAL-21	.02		286	S21-010835; S308-012	4	D00029; 1/1246/G	4	09/10/21 17:00	Lia Stapinski	1	NEVAP 60-7	276,247
	3-4 HOSE 106																		
L2148182-04 WATER	09/10/21 08:45	Tyler Russell	294.96	27.34	267.62	3	BAL-21	.02		286	S21-010835; S308-012	4	D00029; 1/1246/G	4	09/10/21 17:00	Lia Stapinski	1	NEVAP 60-7	276,247
	3-5 HOSE 93																		
L2148182-05 WATER	09/10/21 08:45	Tyler Russell	312.94	27.90	285.04	3	BAL-21	.02		286	S21-010835; S308-012	4	D00029; 1/1246/G	4	09/10/21 17:00	Lia Stapinski	1	NEVAP 60-7	276,247
	3-6 HOSE 62																		
L2148182-06 WATER	09/10/21 08:45	Tyler Russell	307.49	27.37	280.12	3	BAL-21	.02		286	S21-010835; S308-012	4	D00029; 1/1246/G	4	09/10/21 17:00	Lia Stapinski	1	NEVAP 60-7	276,247
	12-1 HOSE 216																		
L2148182-07 WATER	09/10/21 08:45	Tyler Russell	311.46	27.34	284.12	3	BAL-21	.02		286	S21-010835; S308-012	4	D00029; 1/1246/G	4	09/10/21 17:00	Lia Stapinski	1	NEVAP 60-7	276,247
	12-2 HOSE 14																		

Reported: 13-SEP-21 02:25 PM

ORGANIC ELN REPORT

Workgroup: WG1544839

Sample/ Type	Extraction													Concentration				
	Extract Date	Analyst	Initial Sample Weight	Final Weight **g**	Sample Vol **g**	Ph	Balance Id	Surr Amt **ml**	Spike Amt **ml**	Pipette Id	Lot: Spe Cartridge	Flow Rate **ml/min**	Lot: Clnup Cartrid	Flow Rate 2 **ml/min**	Conc Date	Analyst	Final Vol **ml**	Conc Unit	Pipette Id
L2148182-08 WATER	09/10/21 08:45 **12-3 HOSE 207**	Tyler Russell	313.43	26.70	286.73	3	BAL-21	.02		286	S21-010835; S308-012	4	D00029; 1/1246/G	4	09/10/21 17:00	Lia Stapinski	1	NEVAP 60-7	276,247
L2148208-03 WATER	09/10/21 08:45 **12-4 HOSE 211**	Tyler Russell	294.78	26.91	267.87	3	BAL-21	.02		286	S21-010835; S308-012	4	D00029; 1/1246/G	4	09/10/21 17:00	Lia Stapinski	1	NEVAP 60-7	276,247
L2148245-02 SAMP	09/10/21 08:45 **12-5 HOSE 202**	Tyler Russell	308.91	26.55	282.36	3	BAL-21	.02		286	S21-010835; S308-012	4	D00029; 1/1246/G	4	09/10/21 17:00	Lia Stapinski	1	NEVAP 60-7	276,247
L2148326-01 SAMP	09/10/21 08:45 **12-6 HOSE 7**	Tyler Russell	293.06	27.492	265.568	3	BAL-21	.02		286	S21-010835; S308-012	4	D00029; 1/1246/G	4	09/10/21 17:00	Lia Stapinski	1	NEVAP 60-7	276,247
WG1544839-1 BLANK	09/10/21 08:45 **1-1 HOSE 209**	Tyler Russell	275	25	250	3	BAL-21	.02		286	S21-010835; S308-012	4	D00029; 1/1246/G	4	09/10/21 17:00 **MeOH IS used: LC_537_ISO_MeOH_ISTD_210903. 9/10/21 TR**	Lia Stapinski	1	NEVAP 60-7	276,247
WG1544839-2 LCS	09/10/21 08:45 **1-2 HOSE 57**	Tyler Russell	275	25	250	3	BAL-21	.02	.02	286	S21-010835; S308-012	4	D00029; 1/1246/G	4	09/10/21 17:00	Lia Stapinski	1	NEVAP 60-7	276,247
WG1544839-3 MS	09/10/21 08:45 **15-4 HOSE 25**	Tyler Russell	300.42	27.97	272.45	3	BAL-21	.02	.02	286	S21-010835; S308-012	4	D00029; 1/1246/G	4	09/10/21 17:00	Lia Stapinski	1	NEVAP 60-7	276,247
WG1544839-4 MSD	09/10/21 08:45 **15-5 HOSE 17**	Tyler Russell	307.08	26.64	280.44	3	BAL-21	.02	.02	286	S21-010835; S308-012	4	D00029; 1/1246/G	4	09/10/21 17:00	Lia Stapinski	1	NEVAP 60-7	276,247

Reported: 13-SEP-21 02:25 PM

www.alphalab.com

Alpha Analytical

Laboratory Code: 11148

SDG Number: L2148526

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Table of Contents

New York ASP Category B Data Deliverable Package 1
- Table of Contents 2
- Sample ID Cross Reference 5
- SDG Narrative 6
- Data Qualifier Definitions 8
- Instrument Information 11
- Sample Log-in Sheet 14
- Lims COC (LN01) 15
- External Chain of Custody 17
- Organics Analysis 18
  - GCMS 8260 Analysis 19
    - Volatiles QC Summary 20
      - Form 2 - Organics 21
      - Form 3 - Organics 22
      - Form 4 - Organics 25
      - Form 5 - Organics 26
      - Form 8 - Organics 28
      - MDL Study - Volatile Organics 8260 29
    - Volatiles Sample Data 38
      - Form 1 - Organics 39
      - MW-204 (L2148526-01) Analyzed: 09/14/21 12:26 89
      - MW-205 (L2148526-02) Analyzed: 09/14/21 12:47 101
      - MW-206 (L2148526-03) Analyzed: 09/14/21 13:07 111
      - MW-207 (L2148526-04) Analyzed: 09/14/21 13:27 123
      - MW-209 (L2148526-05) Analyzed: 09/14/21 13:48 135
      - MW-211 (L2148526-06) Analyzed: 09/14/21 14:09 146
      - MW-214 (L2148526-07) Analyzed: 09/14/21 14:30 156
      - FB (L2148526-08) Analyzed: 09/14/21 14:51 167
      - TB (L2148526-09) Analyzed: 09/14/21 15:11 177
    - Volatile Standards Data 187
      - Initial Calibration 188
        - Form 6 - Organics 189
        - ICAL for ELAINE on 09/13/21 ICAL18296 192
        - Initial Calibration Summary - Cal Date: 09/13/21 00:00 192
        - BFB TUNE Injected on: 09/09/21 10:54 196
        - STD0.19PPB Injected on: 09/09/21 12:16 197
        - STD0.5PPB Injected on: 09/09/21 12:59 200
        - STD2PPB Injected on: 09/09/21 13:43 213
        - STD10PPB Injected on: 09/09/21 14:04 229
        - STD30PPB Injected on: 09/09/21 14:26 240
        - STD80PPB Injected on: 09/09/21 14:48 246
        - STD120PPB Injected on: 09/09/21 15:10 251
        - STD200PPB Injected on: 09/09/21 15:32 256
        - ICV Summary Form Injected on: 09/09/21 17:20 261
        - ICV Quant Report Injected on: 09/09/21 17:20 264
        - Correlation Data Summary 270
      - Continuing Calibration 271
        - Form 7 - Organics 272
        - CC Summary - ELAINE Run: 09/14/21 08:46 275
        - CC Quant - ELAINE Run: 09/14/21 08:46 278

Table of Contents

bfb tune - Inst. ELAINE 09/14/21 08:18 291
Volatiles Raw QC Data 292
Laboratory Method Bl (WG1546709-5) Analyzed: 09/14/21 09:46 293
Laboratory Control S (WG1546709-3) Analyzed: 09/14/21 08:46 304
LCS Duplicate (WG1546709-4) Analyzed: 09/14/21 09:06 387
Volatiles Calculations 467
QC Batch WG1546709 468
ICAL Sequence for ELAINE on 13-SEP-2021 00:00 ICAL18296 469
Sequence Log 470
PFAAs via EPA 537 472
Semivolatiles QC Summary 473
Form 2 - Organics 474
Form 3 - Organics 477
Form 4 - Organics 482
MDL Study - 537 Isotope Dilution 483
A2-537-ISOTOPE-36 483
Semivolatiles Sample Data 487
Form 1 - Organics 488
MW-204 (L2148526-01) Analyzed: 09/15/21 04:52 508
MW-205 (L2148526-02) Analyzed: 09/15/21 05:25 567
MW-206 (L2148526-03) Analyzed: 09/15/21 05:58 626
MW-207 (L2148526-04) Analyzed: 09/15/21 06:15 685
MW-209 (L2148526-05) Analyzed: 09/15/21 06:32 744
MW-211 (L2148526-06) Analyzed: 09/15/21 06:48 803
MW-214 (L2148526-07) Analyzed: 09/15/21 07:05 862
FB (L2148526-08) Analyzed: 09/15/21 07:21 921
Semivolatiles Standards Data 980
Initial Calibration 981
Form 6 - Organics 982
ICAL for LCMS02 on 06/28/21 ICAL18098 1066
Initial Calibration Summary - Cal Date: 06/28/21 09:25 1066
STD-.5 Injected on: 06/25/21 18:20 1150
STD-1 Injected on: 06/25/21 18:36 1237
STD-2 Injected on: 06/25/21 18:53 1324
STD-5 Injected on: 06/25/21 19:10 1411
STD-10 Injected on: 06/25/21 19:26 1498
STD-25 Injected on: 06/25/21 19:43 1585
STD-50 Injected on: 06/25/21 19:59 1672
STD-100 Injected on: 06/25/21 20:16 1759
STD-250 Injected on: 06/25/21 20:32 1846
ICV STD-10 Injected on: 06/25/21 22:12 1933
ICV STD-10 Injected on: 06/25/21 22:28 2017
Ion Ratios 2021
Branched Technical Standard 2025
Continuing Calibration 2031
Form 7 - Organics 2032
CC Quant - WG1546150-1 LCMS02 Run: 09/14/21 15:36:28 2038
CC Quant - WG1546150-4 LCMS02 Run: 09/15/21 03:46:23 2121
CC Quant - WG1546150-5 LCMS02 Run: 09/15/21 07:38:20 2186
Semivolatiles Raw QC Summary 2251

Table of Contents

Laboratory Method Bl (WG1545566-1) Analyzed: 09/15/21 04:19 2252
Laboratory Control S (WG1545566-2) Analyzed: 09/15/21 04:36 2311
Duplicate Sample (WG1545566-4) Analyzed: 09/15/21 05:42 2370
Matrix Spike (WG1545566-3) Analyzed: 09/15/21 05:09 2429
Semivolatiles Calculations 2488
QC Batch WG1546150 2489
ICAL Sequence for LCMS02 on 28-JUN-2021 09:25 ICAL18098 2490
Sequence Log 2493
Organic ELN-Workgroup:WG1545566 2494

Project Name: GROSSINGERS
Project Number: 9313:11

Lab Number: L2148526
Report Date: 09/15/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2148526-01	MW-204	WATER	LIBERTY, NY	09/09/21 11:45	09/09/21
L2148526-02	MW-205	WATER	LIBERTY, NY	09/09/21 12:15	09/09/21
L2148526-03	MW-206	WATER	LIBERTY, NY	09/09/21 09:15	09/09/21
L2148526-04	MW-207	WATER	LIBERTY, NY	09/09/21 10:30	09/09/21
L2148526-05	MW-209	WATER	LIBERTY, NY	09/09/21 09:00	09/09/21
L2148526-06	MW-211	WATER	LIBERTY, NY	09/09/21 11:00	09/09/21
L2148526-07	MW-214	WATER	LIBERTY, NY	09/09/21 11:45	09/09/21
L2148526-08	FB	WATER	LIBERTY, NY	09/09/21 13:00	09/09/21
L2148526-09	TB	WATER	LIBERTY, NY	09/07/21 00:00	09/09/21

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2148526-03: The collection date and time on the chain of custody was 09-SEP-21 09:15; however, the collection date/time on the container label was 08-SEP-21 09:15. At the client's request, the collection date/time is reported as 09-SEP-21 09:15.
L2148526-04: The collection date and time on the chain of custody was 09-SEP-21 10:30; however, the collection date/time on the container label was 08-SEP-21 10:30. At the client's request, the collection date/time is reported as 09-SEP-21 10:30.
L2148526-07: The collection date and time on the chain of custody was 09-SEP-21 11:45; however, the collection date/time on the container label was 08-SEP-21 11:45. At the client's request, the collection date/time is reported as 09-SEP-21 11:45.

Volatile Organics

L2148526-07: The pH of the sample was greater than two; however, the sample was analyzed within the method required holding time.

Perfluorinated Alkyl Acids by Isotope Dilution

L2148526-01, -04, -05, and WG1545566-3: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.
L2148526-03 through -06: The sample was centrifuged and decanted prior to extraction due to sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly Stenstrom Report Date: 09/15/21

Title: Technical Director/Representative

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Report Format: DU Report with 'J' Qualifiers

Data Qualifiers

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Volatile Organics Instruments

Volatile Organics:

Instrument: Agilent 7890 GC/5975C MSD	Columns (length x ID x df):
Trap: Supelco K Trap (VOACARB 3000)	RTX-VMS 20m x 0.18mm x 1um
Concentrator: EST Encon (or equivalent)	RTX-VMS 30m x 0.25mm x 1.4um
Autosampler: EST Centurion (or equivalent)	RTX-502.2 40m x 0.18mm x 1um
Purge time: 11 min	

Volatile Organics: VPH

Instrument: Agilent 6890 (or equivalent)	Column Type: Restek RTX 502.2
Trap: Supelco K Trap (VOACARB 3000)	Column Length: 105 Meters
Concentrator: EST Encon (or equivalent)	df: 3.00 um
Autosampler: EST Centurion (or equivalent)	ID: 0.53mm

Volatile Organics: PIANO

Instrument: Agilent 7890 GC/5975C MSD	Column Type: DB-VRX
Trap: Supelco K Trap (VOACARB 3000)	Column Length: 60 Meters
Concentrator: Tekmar Velocity / EST Encon	df: 1.40 um
Autosampler: Varian Archon / EST Centurion	ID: 0.25 mm
Purge time: 11 min	Desorb: 1 min

Volatile Organics: Dissolved Gas

Instrument: Agilent 7890 (or equivalent) with FID/TCD	
	Column Type: Haysep S Column
	Column Length: 2 Meters packed (100/200 mesh)
Autosampler: LEAP Headspace	Purge time: 0.6 min

Volatile Organics in Air Instruments

Volatile Organics in Air:

Instruments: Agilent 6890 GC / 5975 MSD Shimadzu QP2010-SE / QP2020

Concentrator: Entech 7100A or 7200	Column Type: Restek RTX-1
Autosampler: Entech 7016CA or 7016D	Column Length: 60 Meters
	df: 1.00 um
	ID: 0.25 mm or 0.32 mm

Trap 1: Glass Bead: manufacturer-Entech: 20 cm packing material
Trap 2: Tenax: manufacturer-Entech: 20 cm packing material

Semivolatile Organics Instruments - Westborough

Semivolatile Organics (Acid/Base/Neutral Extractables):

Instrument: Agilent 5973N MSD	Injection volume: 1 ul;2 uL LVI
Column Type: Restek RXI-5SILMS	df: 0.32 um
Column Length: 30 Meters	ID: 0.25 mm

Polynuclear Aromatic Hydrocarbons by 8270 SIM:

Instrument: Agilent 5973 MSD	Injection volume: 1 ul;2 uL LVI
Column Type: Restek RXI-5SILMS	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Pesticides/PCB/Herbicides:

Instrument: Agilent 6890 w/Dual Micro ECDs	Injection Volume: 1uL
Column A: Restek RTX-CL/STX-CL	df: 0.32
Column B: Restek RTX/STX-CLPPesticide II	df: 0.25
Column Length: 30 Meters	ID: 0.32 mm

Petroleum/EPH:

Instrument: Agilent 6890 w/FID / HP 5890 w/ FID	Injection Volume: 1uL
Column: Restek RTX 5	df: 0.25
Column Length: 30 Meters	
ID: 0.32 mm	

Semivolatile Organic Instruments - Mansfield

Semivolatile Organics (ALK-PAH Extractables):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 1 ul
Column Type: ZB-5	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Semivolatile Organics (8270):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 2 ul
Column Type: ZB-Semivolatiles	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Semivolatile Organics (8270 SIM):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 3 ul
Column Type: ZB-5	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Semivolatile Organics (1,4-Dioxane):

Instrument: Agilent 5973N / 5975 / 5977 MSD	Injection volume: 3 ul
Column Type: RTX-5	df: 0.25um, 0.18 um
Column Length: 30 Meters	ID: 0.25um, 0.18 mm

Semivolatile Organics (209 Congener):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 3 ul
Column Type: RTX-5, RTX-PCB	df: 0.25um, 0.18 um
Column Length: 60 Meters	ID: 0.25um, 0.18 mm

Semivolatile Organics (8081):

Instrument: Agilent 6890 / 7890	Injection volume: 1 ul
Column Type: RTX-5 / RTX-CLP II	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Semivolatile Organics (8082):

Instrument: Agilent 6890 w/Dual Micro ECDs	Injection Volume: 1uL
Column A: Restek RTX-CL/STX-CL	df: 0.32
Column B: Restek RTX/STX-CLPPesticide II	df: 0.25
Column Length: 30 Meters	ID: 0.32 mm

Semivolatile Organics (SHC Extractables):

Instrument: Agilent 6890	Injection volume: 1 ul
Column Type: RTX-5	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Sample Delivery Group Summary

Alpha Job Number : L2148526

Account Name : Soils Engineering Services, Inc.
Project Number : 9313:11
Project Name : GROSSINGERS

Received : 09-SEP-2021
Reviewer : Melissa Wood

Delivery Information

Samples Delivered By : Alpha Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	2.4	
B	Absent/	Ice	2.8	

Condition Information

1) All samples on COC received? **YES**

2) Extra samples received? **NO**

3) Are there any sample container discrepancies? **NO**

4) Are there any discrepancies between sample labels & COC? **YES**
L2148526-04: 09-SEP-21 10:30 vs. 08-SEP-21 10:30
L2148526-03: 09-SEP-21 09:15 vs. 08-SEP-21 09:15
L2148526-07: 09-SEP-21 11:45 vs. 08-SEP-21 11:45

5) Are samples in appropriate containers for requested analysis? **YES**

6) Are samples properly preserved for requested analysis? **NO**
Following containers were received with headspace: -07B

7) Are samples within holding time for requested analysis? **YES**

8) All sampling equipment returned? **NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client? **NO**

ALPHA ANALYTICAL LABORATORIES, INC.
LOGIN CHAIN OF CUSTODY REPORT
Sep 15 2021, 08:12 pm

Login Number: L2148526
Account: SESI Soils Engineering Services, Inc.Project: 9313:11
Received: 09SEP21 Due Date: 23SEP21

Sample #	Client ID	Mat	PR	Collected
L2148526-01	MW-204	1	S0	09SEP21 11:45
8260: report 15 TICs ASP-B Package Due Date: 09/23/21				
A2-NY-537-ISOTOPE,ASP-B,NYTCL-8260				
L2148526-02	MW-205	1	S0	09SEP21 12:15
8260: report 15 TICs Package Due Date: 09/23/21				
A2-NY-537-ISOTOPE,NYTCL-8260				
L2148526-03	MW-206	1	S0	09SEP21 09:15
8260: report 15 TICs Package Due Date: 09/23/21				
A2-NY-537-ISOTOPE,NYTCL-8260				
L2148526-04	MW-207	1	S0	09SEP21 10:30
8260: report 15 TICs Package Due Date: 09/23/21				
A2-NY-537-ISOTOPE,NYTCL-8260				
L2148526-05	MW-209	1	S0	09SEP21 09:00
8260: report 15 TICs Package Due Date: 09/23/21				
A2-NY-537-ISOTOPE,NYTCL-8260				
L2148526-06	MW-211	1	S0	09SEP21 11:00
8260: report 15 TICs Package Due Date: 09/23/21				
A2-NY-537-ISOTOPE,NYTCL-8260				
L2148526-07	MW-214	1	S0	09SEP21 11:45
8260: report 15 TICs Package Due Date: 09/23/21				

ALPHA ANALYTICAL LABORATORIES, INC.
LOGIN CHAIN OF CUSTODY REPORT
Sep 15 2021, 08:12 pm

Login Number: L2148526

Account: SESI Soils Engineering Services, Inc.Project: 9313:11

Received: 09SEP21 Due Date: 23SEP21

Sample #	Client ID	Mat	PR	Collected
A2-NY-537-ISOTOPE,NYTCL-8260				
L2148526-08	FB		1	S0 09SEP21 13:00
8260: report 15 TICs Package Due Date: 09/23/21				
A2-NY-537-ISOTOPE,NYTCL-8260				
L2148526-09	TB		1	S0 07SEP21 00:00
8260: report 15 TICs Package Due Date: 09/23/21				
NYTCL-8260				

Logged By: Ashaley Kane

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 9/10/21

ALPHA Job #: L2148526

Client Information

Client: SESI Consulting Engineers
Address: 12A Maple, 1st Floor Brook, NJ
Phone:
Fax:
Email: SK@SESI.ORG

Project Information

Project Name: Grossinger
Project Location: Liberty, NY
Project #: 9313:11
(Use Project name as Project #) ☐
Project Manager: Steve Gustems
ALPHAQuote #:

Turn-Around Time

Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☐ Same as Client Info
PO #

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☒ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

TCL VOCs 15 | PFAS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs 15	PFAS	Sample Specific Comments
48526-01	MW-204	9/1/21	1145	GW	MEM	x	x	
02	MW-205		1215		MEM	x	x	
03	MW-206		0915		MZ	x	x	
04	MW-207		1030		MZ	x	x	
05	MW-209		0900		MEM	x	x	
06	MW-211		1100		MEM	x	x	
07	MW-214		1145		MZ	x	x	
08	FB		1300	Blank	MEM	x	x	
09	TB	9/7/21	—		BJ	x		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	V	P
Preservative	B	A

Relinquished By:	Date/Time	Received By:	Date/Time
	9/9/21 1600		9/9/21 1600
	9/9/21 1930	AAL	9/9/21 21:00
AAL	9/10/21 00:50		9/10/21 00:50

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

Organics

GC/MS 8260
Analysis

Volatiles QC Summary

Surrogate Recovery Summary
Form 2
Volatiles

Client: Soils Engineering Services, Inc.
Project Name: GROSSINGERS

Lab Number: L2148526
Project Number: 9313:11
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	SMC1 DCA	SMC2 TOL	SMC3 BFB	SMC4 DBFM	TOT OUT
MW-204 (L2148526-01)	96	98	103	99	0
MW-205 (L2148526-02)	98	98	100	101	0
MW-206 (L2148526-03)	94	98	102	98	0
MW-207 (L2148526-04)	98	99	101	99	0
MW-209 (L2148526-05)	95	97	102	102	0
MW-211 (L2148526-06)	100	100	102	99	0
MW-214 (L2148526-07)	100	99	101	103	0
FB (L2148526-08)	97	99	103	99	0
TB (L2148526-09)	99	101	100	101	0
WG1546709-3LCS	92	100	101	97	0
WG1546709-4LCSD	91	99	102	100	0
WG1546709-5BLANK	93	97	105	99	0

QC LIMITS

(70-130) DCA = 1,2-DICHLOROETHANE-D4
(70-130) TOL = TOLUENE-D8
(70-130) BFB = 4-BROMOFLUOROBENZENE
(70-130) DBFM = DIBROMOFLUOROMETHANE

*** Values outside of QC limits**

FORM II NYTCL-8260

Laboratory Control Sample Summary
Form 3
Volatiles

Client : Soils Engineering Services, Inc. **Lab Number** : L2148526
Project Name : GROSSINGERS **Project Number** : 9313:11
Matrix : WATER
LCS Sample ID : WG1546709-3 **Analysis Date** : 09/14/21 08:46 **File ID** : VE210914A02
LCSD Sample ID : WG1546709-4 **Analysis Date** : 09/14/21 09:06 **File ID** : VE210914A03

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	10	9.0	90	10	9.2	92	2	70-130	20
1,1-Dichloroethane	10	9.9	99	10	10	100	1	70-130	20
Chloroform	10	9.5	95	10	9.8	98	3	70-130	20
Carbon tetrachloride	10	9.3	93	10	9.9	99	6	63-132	20
1,2-Dichloropropane	10	9.2	92	10	9.4	94	2	70-130	20
Dibromochloromethane	10	8.4	84	10	8.3	83	1	63-130	20
1,1,2-Trichloroethane	10	8.6	86	10	8.2	82	5	70-130	20
Tetrachloroethene	10	9.8	98	10	9.6	96	2	70-130	20
Chlorobenzene	10	9.8	98	10	9.8	98	0	75-130	20
Trichlorofluoromethane	10	10	100	10	10	100	0	62-150	20
1,2-Dichloroethane	10	8.6	86	10	8.6	86	0	70-130	20
1,1,1-Trichloroethane	10	9.7	97	10	9.9	99	2	67-130	20
Bromodichloromethane	10	8.7	87	10	8.8	88	1	67-130	20
trans-1,3-Dichloropropene	10	9.0	90	10	9.1	91	1	70-130	20
cis-1,3-Dichloropropene	10	9.1	91	10	9.4	94	3	70-130	20
1,1-Dichloropropene	10	10	100	10	10	100	0	70-130	20
Bromoform	10	8.0	80	10	8.5	85	6	54-136	20
1,1,2,2-Tetrachloroethane	10	8.5	85	10	8.4	84	1	67-130	20
Benzene	10	9.5	95	10	9.8	98	3	70-130	20
Toluene	10	9.7	97	10	9.9	99	2	70-130	20
Ethylbenzene	10	10	100	10	10	100	0	70-130	20
Chloromethane	10	9.6	96	10	9.4	94	2	64-130	20
Bromomethane	10	9.5	95	10	9.7	97	2	39-139	20
Vinyl chloride	10	10	100	10	10	100	0	55-140	20
Chloroethane	10	10	100	10	11	110	10	55-138	20
1,1-Dichloroethene	10	9.7	97	10	10	100	3	61-145	20

Laboratory Control Sample Summary
Form 3
Volatiles

Client : Soils Engineering Services, Inc. **Lab Number** : L2148526
Project Name : GROSSINGERS **Project Number** : 9313:11
Matrix : WATER
LCS Sample ID : WG1546709-3 **Analysis Date** : 09/14/21 08:46 **File ID** : VE210914A02
LCSD Sample ID : WG1546709-4 **Analysis Date** : 09/14/21 09:06 **File ID** : VE210914A03

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
trans-1,2-Dichloroethene	10	9.7	97	10	9.8	98	1	70-130	20
Trichloroethene	10	9.6	96	10	10	100	4	70-130	20
1,2-Dichlorobenzene	10	9.5	95	10	9.7	97	2	70-130	20
1,3-Dichlorobenzene	10	9.9	99	10	9.9	99	0	70-130	20
1,4-Dichlorobenzene	10	9.6	96	10	9.8	98	2	70-130	20
Methyl tert butyl ether	10	7.9	79	10	8.0	80	1	63-130	20
p/m-Xylene	20	20	100	20	20	100	0	70-130	20
o-Xylene	20	20	100	20	20	100	0	70-130	20
cis-1,2-Dichloroethene	10	9.3	93	10	9.4	94	1	70-130	20
Dibromomethane	10	7.9	79	10	8.2	82	4	70-130	20
1,2,3-Trichloropropane	10	8.4	84	10	8.3	83	1	64-130	20
Acrylonitrile	10	7.1	71	10	7.1	71	0	70-130	20
Styrene	20	20	100	20	20	100	0	70-130	20
Dichlorodifluoromethane	10	8.3	83	10	8.4	84	1	36-147	20
Acetone	10	6.3	63	10	6.1	61	3	58-148	20
Carbon disulfide	10	10	100	10	10	100	0	51-130	20
2-Butanone	10	8.0	80	10	7.6	76	5	63-138	20
Vinyl acetate	10	10	100	10	10	100	0	70-130	20
4-Methyl-2-pentanone	10	7.2	72	10	7.2	72	0	59-130	20
2-Hexanone	10	6.7	67	10	6.7	67	0	57-130	20
Bromochloromethane	10	9.1	91	10	9.2	92	1	70-130	20
2,2-Dichloropropane	10	10	100	10	11	110	10	63-133	20
1,2-Dibromoethane	10	8.4	84	10	8.3	83	1	70-130	20
1,3-Dichloropropane	10	8.3	83	10	8.4	84	1	70-130	20
1,1,1,2-Tetrachloroethane	10	9.0	90	10	8.8	88	2	64-130	20
Bromobenzene	10	9.4	94	10	9.7	97	3	70-130	20

Laboratory Control Sample Summary
Form 3
Volatiles

Client : Soils Engineering Services, Inc. **Lab Number** : L2148526
Project Name : GROSSINGERS **Project Number** : 9313:11
Matrix : WATER
LCS Sample ID : WG1546709-3 **Analysis Date** : 09/14/21 08:46 **File ID** : VE210914A02
LCSD Sample ID : WG1546709-4 **Analysis Date** : 09/14/21 09:06 **File ID** : VE210914A03

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
n-Butylbenzene	10	10	100	10	10	100	0	53-136	20
sec-Butylbenzene	10	10	100	10	10	100	0	70-130	20
tert-Butylbenzene	10	10	100	10	10	100	0	70-130	20
o-Chlorotoluene	10	10	100	10	10	100	0	70-130	20
p-Chlorotoluene	10	10	100	10	10	100	0	70-130	20
1,2-Dibromo-3-chloropropane	10	7.4	74	10	7.4	74	0	41-144	20
Hexachlorobutadiene	10	9.9	99	10	9.8	98	1	63-130	20
Isopropylbenzene	10	10	100	10	10	100	0	70-130	20
p-Isopropyltoluene	10	10	100	10	10	100	0	70-130	20
Naphthalene	10	7.9	79	10	8.3	83	5	70-130	20
n-Propylbenzene	10	10	100	10	11	110	10	69-130	20
1,2,3-Trichlorobenzene	10	8.7	87	10	9.0	90	3	70-130	20
1,2,4-Trichlorobenzene	10	9.0	90	10	8.9	89	1	70-130	20
1,3,5-Trimethylbenzene	10	9.9	99	10	10	100	1	64-130	20
1,2,4-Trimethylbenzene	10	10	100	10	10	100	0	70-130	20
1,4-Dioxane	500	310	62	500	340	68	9	56-162	20
p-Diethylbenzene	10	9.8	98	10	9.8	98	0	70-130	20
p-Ethyltoluene	10	10	100	10	10	100	0	70-130	20
1,2,4,5-Tetramethylbenzene	10	9.7	97	10	9.6	96	1	70-130	20
Ethyl ether	10	8.5	85	10	8.5	85	0	59-134	20
trans-1,4-Dichloro-2-butene	10	8.4	84	10	9.2	92	9	70-130	20

Method Blank Summary
Form 4
Volatiles

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab Sample ID	: WG1546709-5	**Lab File ID**	: VE210914A05
Instrument ID	: ELAINE		
Matrix	: WATER	**Analysis Date**	: 09/14/21 09:46

Client Sample No.	Lab Sample ID	Analysis Date
WG1546709-3LCS	WG1546709-3	09/14/21 08:46
WG1546709-4LCSD	WG1546709-4	09/14/21 09:06
MW-204	L2148526-01	09/14/21 12:26
MW-205	L2148526-02	09/14/21 12:47
MW-206	L2148526-03	09/14/21 13:07
MW-207	L2148526-04	09/14/21 13:27
MW-209	L2148526-05	09/14/21 13:48
MW-211	L2148526-06	09/14/21 14:09
MW-214	L2148526-07	09/14/21 14:30
FB	L2148526-08	09/14/21 14:51
TB	L2148526-09	09/14/21 15:11

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Instrument ID	: ELAINE	**Analysis Date**	: 09/09/21 10:54
Tune Standard	: WG1545678-1	**Tune File ID**	: VE210909ABF1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	23
75	30.0 - 60.0% of mass 95	51.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.2
173	Less than 2.0% of mass 174	0 (0)1
174	Greater than 50.0 of mass 95	60.9
175	5.0 - 9.0% of mass 174	4.4 (7.2)1
176	95.0 - 101% of mass 174	59.2 (97.2)1
177	5.0 - 9.0% of mass 176	3.9 (6.5)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
STD0.19PPB	R1477737-1	VE210909A04	09/09/21 12:16
STD0.5PPB	R1477737-3	VE210909A06	09/09/21 12:59
STD2PPB	R1477737-2	VE210909A08	09/09/21 13:43
STD10PPB	R1477737-4	VE210909A09	09/09/21 14:04
STD30PPB	R1477737-5	VE210909A10	09/09/21 14:26
STD80PPB	R1477737-6	VE210909A11	09/09/21 14:48
STD120PPB	R1477737-7	VE210909A12	09/09/21 15:10
STD200PPB	R1477737-9	VE210909A13	09/09/21 15:32
ICV Quant Report	R1477737-8	VE210909A18	09/09/21 17:20

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Instrument ID	: ELAINE	**Analysis Date**	: 09/14/21 08:18
Tune Standard	: WG1546709-1	**Tune File ID**	: VE210914ABF1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	22.9
75	30.0 - 60.0% of mass 95	50.3
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	0.2 (.3)1
174	Greater than 50.0 of mass 95	59.8
175	5.0 - 9.0% of mass 174	4.1 (6.9)1
176	95.0 - 101% of mass 174	58.4 (97.6)1
177	5.0 - 9.0% of mass 176	3.7 (6.4)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1546709-2CCAL	WG1546709-2	VE210914A02	09/14/21 08:46
WG1546709-3LCS	WG1546709-3	VE210914A02	09/14/21 08:46
WG1546709-4LCSD	WG1546709-4	VE210914A03	09/14/21 09:06
WG1546709-5BLANK	WG1546709-5	VE210914A05	09/14/21 09:46
MW-204	L2148526-01	VE210914A13	09/14/21 12:26
MW-205	L2148526-02	VE210914A14	09/14/21 12:47
MW-206	L2148526-03	VE210914A15	09/14/21 13:07
MW-207	L2148526-04	VE210914A16	09/14/21 13:27
MW-209	L2148526-05	VE210914A17	09/14/21 13:48
MW-211	L2148526-06	VE210914A18	09/14/21 14:09
MW-214	L2148526-07	VE210914A19	09/14/21 14:30
FB	L2148526-08	VE210914A20	09/14/21 14:51
TB	L2148526-09	VE210914A21	09/14/21 15:11

Internal Standard Area and RT Summary
Form 8a
Volatiles

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Instrument ID	: ELAINE	**Analysis Date**	: 09/14/21 08:46:00
Sample No	: WG1546709-2	**Lab File ID**	: VE210914A02

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG1546709-2	261232	5.41	175761	8.44	84918	9.94
Upper Limit	522464	5.91	351522	8.94	169836	10.44
Lower Limit	130616	4.91	87881	7.94	42459	9.44
Sample ID						
WG1546709-3 LCS	261232	5.41	175761	8.44	84918	9.94
WG1546709-4 LCSD	256229	5.41	174675	8.44	83224	9.94
WG1546709-5 BLANK	243723	5.41	171311	8.44	78635	9.94
MW-204	239521	5.41	168514	8.44	79681	9.94
MW-205	232974	5.41	164161	8.44	79990	9.94
MW-206	241457	5.41	166390	8.44	79436	9.94
MW-207	236299	5.41	162163	8.44	78767	9.94
MW-209	237662	5.41	164830	8.44	79492	9.94
MW-211	236460	5.41	162814	8.44	78583	9.94
MW-214	236385	5.41	164701	8.44	78897	9.94
FB	236002	5.41	162135	8.44	77340	9.94
TB	237941	5.41	160614	8.44	78758	9.94

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Date Created: 06/19/18
Created By: Jason Hebert
File: PM5049-1
Page: 1

Volatile Organics - EPA 8260C (WATER)

Holding Time: 14 days
Container / Sample Preservation: 3 - Vial HCl preserved

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Methylene chloride	75-09-2	3	0.678	ug/l	70-130	20	70-130	20	20			
1,1-Dichloroethane	75-34-3	0.75	0.210	ug/l	70-130	20	70-130	20	20			
Chloroform	67-66-3	0.75	0.222	ug/l	70-130	20	70-130	20	20			
Carbon tetrachloride	56-23-5	0.5	0.134	ug/l	63-132	20	63-132	20	20			
1,2-Dichloropropane	78-87-5	1.75	0.137	ug/l	70-130	20	70-130	20	20			
Dibromochloromethane	124-48-1	0.5	0.149	ug/l	63-130	20	63-130	20	20			
1,1,2-Trichloroethane	79-00-5	0.75	0.144	ug/l	70-130	20	70-130	20	20			
Tetrachloroethene	127-18-4	0.5	0.181	ug/l	70-130	20	70-130	20	20			
Chlorobenzene	108-90-7	0.5	0.178	ug/l	75-130	25	75-130	25	25			
Trichlorofluoromethane	75-69-4	2.5	0.161	ug/l	62-150	20	62-150	20	20			
1,2-Dichloroethane	107-06-2	0.5	0.132	ug/l	70-130	20	70-130	20	20			
1,1,1-Trichloroethane	71-55-6	0.5	0.158	ug/l	67-130	20	67-130	20	20			
Bromodichloromethane	75-27-4	0.5	0.192	ug/l	67-130	20	67-130	20	20			
trans-1,3-Dichloropropene	10061-02-6	0.5	0.164	ug/l	70-130	20	70-130	20	20			
cis-1,3-Dichloropropene	10061-01-5	0.5	0.144	ug/l	70-130	20	70-130	20	20			
1,3-Dichloropropene, Total	542-75-6	0.5	0.144	ug/l				20	20			
1,3-Dichloropropene, Total	542-75-6	0.5	0.144	ug/l				20	20			
1,1-Dichloropropene	563-58-6	2.5	0.240	ug/l	70-130	20	70-130	20	20			
Bromoform	75-25-2	2	0.248	ug/l	54-136	20	54-136	20	20			
1,1,2,2-Tetrachloroethane	79-34-5	0.5	0.167	ug/l	67-130	20	67-130	20	20			
Benzene	71-43-2	0.5	0.159	ug/l	70-130	25	70-130	25	25			
Toluene	108-88-3	0.75	0.203	ug/l	70-130	25	70-130	25	25			
Ethylbenzene	100-41-4	0.5	0.167	ug/l	70-130	20	70-130	20	20			
Chloromethane	74-87-3	2.5	0.200	ug/l	64-130	20	64-130	20	20			
Bromomethane	74-83-9	1	0.256	ug/l	39-139	20	39-139	20	20			
Vinyl chloride	75-01-4	1	0.0714	ug/l	55-140	20	55-140	20	20			
Chloroethane	75-00-3	1	0.134	ug/l	55-138	20	55-138	20	20			
1,1-Dichloroethene	75-35-4	0.5	0.169	ug/l	61-145	25	61-145	25	25			
trans-1,2-Dichloroethene	156-60-5	0.75	0.163	ug/l	70-130	20	70-130	20	20			
1,2-Dichloroethene (total)	540-59-0	0.5	0.163	ug/l				20	20			
1,2-Dichloroethene (total)	540-59-0	0.5	0.163	ug/l				20	20			
Trichloroethene	79-01-6	0.5	0.175	ug/l	70-130	25	70-130	25	25			
1,2-Dichlorobenzene	95-50-1	2.5	0.184	ug/l	70-130	20	70-130	20	20			
1,3-Dichlorobenzene	541-73-1	2.5	0.186	ug/l	70-130	20	70-130	20	20			
1,4-Dichlorobenzene	106-46-7	2.5	0.187	ug/l	70-130	20	70-130	20	20			
Methyl tert butyl ether	1634-04-4	1	0.166	ug/l	63-130	20	63-130	20	20			
p/m-Xylene	179601-23-1	1	0.332	ug/l	70-130	20	70-130	20	20			
o-Xylene	95-47-6	1	0.392	ug/l	70-130	20	70-130	20	20			
Xylene (Total)	1330-20-7	1	0.330	ug/l				20	20			
Xylene (Total)	1330-20-7	1	0.330	ug/l				20	20			
cis-1,2-Dichloroethene	156-59-2	0.5	0.187	ug/l	70-130	20	70-130	20	20			
Dibromomethane	74-95-3	5	0.363	ug/l	70-130	20	70-130	20	20			

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. ***(Soil/Solids only)***
Please Note that the information provided in this table is subject to change at anytime at the discretion of Alpha Analytical, Inc.

Volatile Organics - EPA 8260C (WATER)

Holding Time: 14 days
Container / Sample Preservation: 3 - Vial HCl preserved

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
1,4-Dichlorobutane	110-56-5	5	0.464	ug/l	70-130	20	70-130	20	20			
1,2,3-Trichloropropane	96-18-4	5	0.176	ug/l	64-130	20	64-130	20	20			
Styrene	100-42-5	1	0.359	ug/l	70-130	20	70-130	20	20			
Dichlorodifluoromethane	75-71-8	5	0.244	ug/l	36-147	20	36-147	20	20			
Acetone	67-64-1	5	1.46	ug/l	58-148	20	58-148	20	20			
Carbon disulfide	75-15-0	5	0.299	ug/l	51-130	20	51-130	20	20			
2-Butanone	78-93-3	5	1.94	ug/l	63-138	20	63-138	20	20			
Vinyl acetate	108-05-4	5	0.311	ug/l	70-130	20	70-130	20	20			
4-Methyl-2-pentanone	108-10-1	5	0.416	ug/l	59-130	20	59-130	20	20			
2-Hexanone	591-78-6	5	0.515	ug/l	57-130	20	57-130	20	20			
Ethyl methacrylate	97-63-2	5	0.606	ug/l	70-130	20	70-130	20	20			
Acrylonitrile	107-13-1	5	0.430	ug/l	70-130	20	70-130	20	20			
Bromochloromethane	74-97-5	2.5	0.152	ug/l	70-130	20	70-130	20	20			
Tetrahydrofuran	109-99-9	5	0.525	ug/l	58-130	20	58-130	20	20			
2,2-Dichloropropane	594-20-7	2.5	0.204	ug/l	63-133	20	63-133	20	20			
1,2-Dibromoethane	106-93-4	2	0.193	ug/l	70-130	20	70-130	20	20			
1,3-Dichloropropane	142-28-9	2.5	0.212	ug/l	70-130	20	70-130	20	20			
1,1,1,2-Tetrachloroethane	630-20-6	0.5	0.164	ug/l	64-130	20	64-130	20	20			
Bromobenzene	108-86-1	2.5	0.152	ug/l	70-130	20	70-130	20	20			
n-Butylbenzene	104-51-8	0.5	0.192	ug/l	53-136	20	53-136	20	20			
sec-Butylbenzene	135-98-8	0.5	0.181	ug/l	70-130	20	70-130	20	20			
tert-Butylbenzene	98-06-6	2.5	0.196	ug/l	70-130	20	70-130	20	20			
o-Chlorotoluene	95-49-8	2.5	0.215	ug/l	70-130	20	70-130	20	20			
p-Chlorotoluene	106-43-4	2.5	0.185	ug/l	70-130	20	70-130	20	20			
1,2-Dibromo-3-chloropropane	96-12-8	2.5	0.353	ug/l	41-144	20	41-144	20	20			
Hexachlorobutadiene	87-68-3	0.5	0.217	ug/l	63-130	20	63-130	20	20			
Isopropylbenzene	98-82-8	0.5	0.187	ug/l	70-130	20	70-130	20	20			
p-Isopropyltoluene	99-87-6	0.5	0.188	ug/l	70-130	20	70-130	20	20			
Naphthalene	91-20-3	2.5	0.216	ug/l	70-130	20	70-130	20	20			
n-Propylbenzene	103-65-1	0.5	0.173	ug/l	69-130	20	69-130	20	20			
1,2,3-Trichlorobenzene	87-61-6	2.5	0.234	ug/l	70-130	20	70-130	20	20			
1,2,4-Trichlorobenzene	120-82-1	2.5	0.220	ug/l	70-130	20	70-130	20	20			
1,3,5-Trimethylbenzene	108-67-8	2.5	0.217	ug/l	64-130	20	64-130	20	20			
1,3,5-Trichlorobenzene	108-70-3	2	0.141	ug/l	70-130	20	70-130	20	20			
1,2,4-Trimethylbenzene	95-63-6	2.5	0.191	ug/l	70-130	20	70-130	20	20			
trans-1,4-Dichloro-2-butene	110-57-6	2.5	0.213	ug/l	70-130	20	70-130	20	20			
Ethyl ether	60-29-7	2.5	0.163	ug/l	59-134	20	59-134	20	20			
Methyl Acetate	79-20-9	10	0.234	ug/l	70-130	20	70-130	20	20			
Ethyl Acetate	141-78-6	10	0.716	ug/l	70-130	20	70-130	20	20			
Isopropyl Ether	108-20-3	2	0.425	ug/l	70-130	20	70-130	20	20			
Cyclohexane	110-82-7	10	0.271	ug/l	70-130	20	70-130	20	20			
Ethyl-Tert-Butyl-Ether	637-92-3	2	0.179	ug/l	70-130	20	70-130	20	20			

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. ***(Soil/Solids only)***
Please Note that the information provided in this table is subject to change at anytime at the discretion of Alpha Analytical, Inc.

Volatile Organics - EPA 8260C (WATER)

Holding Time: 14 days
Container / Sample Preservation: 3 - Vial HCl preserved

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Tertiary-Amyl Methyl Ether	994-05-8	2	0.278	ug/l	66-130	20	66-130	20	20			
1,4-Dioxane	123-91-1	250	60.8	ug/l	56-162	20	56-162	20	20			
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	10	0.148	ug/l	70-130	20	70-130	20	20			
Methyl cyclohexane	108-87-2	10	0.396	ug/l	70-130	20	70-130	20	20			
1,4-Diethylbenzene	105-05-5	2	0.392	ug/l	70-130	20	70-130	20	20			
4-Ethyltoluene	622-96-8	2	0.340	ug/l	70-130	20	70-130	20	20			
1,2,4,5-Tetramethylbenzene	95-93-2	2	0.542	ug/l	70-130	20	70-130	20	20			
1,2-Dichloroethane-d4	*17060-07-0*									*70-130*		
Toluene-d8	*2037-26-5*									*70-130*		
4-Bromofluorobenzene	*460-00-4*									*70-130*		
Dibromofluoromethane	*1868-53-7*									*70-130*		

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. ***(Soil/Solids only)***
Please Note that the information provided in this table is subject to change at anytime at the discretion of Alpha Analytical, Inc.

Date Created: 06/19/18
Created By: Jason Hebert
File: PM5047-1
Page: 1

Volatile Organics - EPA 8260C (SOIL-LOW)

Holding Time: 14 days
Container / Sample Preservation: 1 - Vial Large Septa unpreserved (4oz)

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Methylene chloride	75-09-2	5	2.29	ug/kg	70-130	30	70-130	30	30			
1,1-Dichloroethane	75-34-3	1	0.145	ug/kg	70-130	30	70-130	30	30			
Chloroform	67-66-3	1.5	0.140	ug/kg	70-130	30	70-130	30	30			
Carbon tetrachloride	56-23-5	1	0.230	ug/kg	70-130	30	70-130	30	30			
1,2-Dichloropropane	78-87-5	1	0.125	ug/kg	70-130	30	70-130	30	30			
Dibromochloromethane	124-48-1	1	0.140	ug/kg	70-130	30	70-130	30	30			
1,1,2-Trichloroethane	79-00-5	1	0.267	ug/kg	70-130	30	70-130	30	30			
Tetrachloroethene	127-18-4	0.5	0.196	ug/kg	70-130	30	70-130	30	30			
Chlorobenzene	108-90-7	0.5	0.127	ug/kg	70-130	30	70-130	30	30			
Trichlorofluoromethane	75-69-4	4	0.695	ug/kg	70-139	30	70-139	30	30			
1,2-Dichloroethane	107-06-2	1	0.257	ug/kg	70-130	30	70-130	30	30			
1,1,1-Trichloroethane	71-55-6	0.5	0.167	ug/kg	70-130	30	70-130	30	30			
Bromodichloromethane	75-27-4	0.5	0.109	ug/kg	70-130	30	70-130	30	30			
trans-1,3-Dichloropropene	10061-02-6	1	0.273	ug/kg	70-130	30	70-130	30	30			
cis-1,3-Dichloropropene	10061-01-5	0.5	0.158	ug/kg	70-130	30	70-130	30	30			
1,3-Dichloropropene, Total	542-75-6	0.5	0.158	ug/kg				30	30			
1,3-Dichloropropene, Total	542-75-6	0.5	0.158	ug/kg				30	30			
1,1-Dichloropropene	563-58-6	0.5	0.159	ug/kg	70-130	30	70-130	30	30			
Bromoform	75-25-2	4	0.246	ug/kg	70-130	30	70-130	30	30			
1,1,2,2-Tetrachloroethane	79-34-5	0.5	0.166	ug/kg	70-130	30	70-130	30	30			
Benzene	71-43-2	0.5	0.166	ug/kg	70-130	30	70-130	30	30			
Toluene	108-88-3	1	0.543	ug/kg	70-130	30	70-130	30	30			
Ethylbenzene	100-41-4	1	0.141	ug/kg	70-130	30	70-130	30	30			
Chloromethane	74-87-3	4	0.932	ug/kg	52-130	30	52-130	30	30			
Bromomethane	74-83-9	2	0.581	ug/kg	57-147	30	57-147	30	30			
Vinyl chloride	75-01-4	1	0.335	ug/kg	67-130	30	67-130	30	30			
Chloroethane	75-00-3	2	0.452	ug/kg	50-151	30	50-151	30	30			
1,1-Dichloroethene	75-35-4	1	0.238	ug/kg	65-135	30	65-135	30	30			
trans-1,2-Dichloroethene	156-60-5	1.5	0.137	ug/kg	70-130	30	70-130	30	30			
Trichloroethene	79-01-6	0.5	0.137	ug/kg	70-130	30	70-130	30	30			
1,2-Dichlorobenzene	95-50-1	2	0.144	ug/kg	70-130	30	70-130	30	30			
1,3-Dichlorobenzene	541-73-1	2	0.148	ug/kg	70-130	30	70-130	30	30			
1,4-Dichlorobenzene	106-46-7	2	0.171	ug/kg	70-130	30	70-130	30	30			
Methyl tert butyl ether	1634-04-4	2	0.201	ug/kg	66-130	30	66-130	30	30			
p/m-Xylene	179601-23-1	2	0.560	ug/kg	70-130	30	70-130	30	30			
o-Xylene	95-47-6	1	0.291	ug/kg	70-130	30	70-130	30	30			
Xylene (Total)	1330-20-7	1	0.291	ug/kg				30	30			
Xylene (Total)	1330-20-7	1	0.291	ug/kg				30	30			
cis-1,2-Dichloroethene	156-59-2	1	0.175	ug/kg	70-130	30	70-130	30	30			
1,2-Dichloroethene (total)	540-59-0	1	0.137	ug/kg				30	30			
1,2-Dichloroethene (total)	540-59-0	1	0.137	ug/kg				30	30			
Dibromomethane	74-95-3	2	0.238	ug/kg	70-130	30	70-130	30	30			

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)
Please Note that the information provided in this table is subject to change at anytime at the discretion of Alpha Analytical, Inc.

Volatile Organics - EPA 8260C (SOIL-LOW)

Holding Time: 14 days
Container / Sample Preservation: 1 - Vial Large Septa unpreserved (4oz)

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
1,4-Dichlorobutane	110-56-5	10	0.226	ug/kg	70-130	30	70-130	30	30			
1,2,3-Trichloropropane	96-18-4	2	0.127	ug/kg	68-130	30	68-130	30	30			
Styrene	100-42-5	1	0.196	ug/kg	70-130	30	70-130	30	30			
Dichlorodifluoromethane	75-71-8	10	0.915	ug/kg	30-146	30	30-146	30	30			
Acetone	67-64-1	10	4.81	ug/kg	54-140	30	54-140	30	30			
Carbon disulfide	75-15-0	10	4.55	ug/kg	59-130	30	59-130	30	30			
2-Butanone	78-93-3	10	2.22	ug/kg	70-130	30	70-130	30	30			
Vinyl acetate	108-05-4	10	2.15	ug/kg	70-130	30	70-130	30	30			
4-Methyl-2-pentanone	108-10-1	10	1.28	ug/kg	70-130	30	70-130	30	30			
2-Hexanone	591-78-6	10	1.18	ug/kg	70-130	30	70-130	30	30			
Ethyl methacrylate	97-63-2	10	1.58	ug/kg	70-130	30	70-130	30	30			
Acrylonitrile	107-13-1	4	1.15	ug/kg	70-130	30	70-130	30	30			
Bromochloromethane	74-97-5	2	0.205	ug/kg	70-130	30	70-130	30	30			
Tetrahydrofuran	109-99-9	4	1.59	ug/kg	66-130	30	66-130	30	30			
2,2-Dichloropropane	594-20-7	2	0.202	ug/kg	70-130	30	70-130	30	30			
1,2-Dibromoethane	106-93-4	1	0.279	ug/kg	70-130	30	70-130	30	30			
1,3-Dichloropropane	142-28-9	2	0.167	ug/kg	69-130	30	69-130	30	30			
1,1,1,2-Tetrachloroethane	630-20-6	0.5	0.132	ug/kg	70-130	30	70-130	30	30			
Bromobenzene	108-86-1	2	0.145	ug/kg	70-130	30	70-130	30	30			
n-Butylbenzene	104-51-8	1	0.167	ug/kg	70-130	30	70-130	30	30			
sec-Butylbenzene	135-98-8	1	0.146	ug/kg	70-130	30	70-130	30	30			
tert-Butylbenzene	98-06-6	2	0.118	ug/kg	70-130	30	70-130	30	30			
1,3,5-Trichlorobenzene	108-70-3	2	0.173	ug/kg	70-139	30	70-130	30	30			
o-Chlorotoluene	95-49-8	2	0.191	ug/kg	70-130	30	70-130	30	30			
p-Chlorotoluene	106-43-4	2	0.108	ug/kg	70-130	30	70-130	30	30			
1,2-Dibromo-3-chloropropane	96-12-8	3	0.998	ug/kg	68-130	30	68-130	30	30			
Hexachlorobutadiene	87-68-3	4	0.169	ug/kg	67-130	30	67-130	30	30			
Isopropylbenzene	98-82-8	1	0.109	ug/kg	70-130	30	70-130	30	30			
p-Isopropyltoluene	99-87-6	1	0.109	ug/kg	70-130	30	70-130	30	30			
Naphthalene	91-20-3	4	0.650	ug/kg	70-130	30	70-130	30	30			
n-Propylbenzene	103-65-1	1	0.171	ug/kg	70-130	30	70-130	30	30			
1,2,3-Trichlorobenzene	87-61-6	2	0.322	ug/kg	70-130	30	70-130	30	30			
1,2,4-Trichlorobenzene	120-82-1	2	0.272	ug/kg	70-130	30	70-130	30	30			
1,3,5-Trimethylbenzene	108-67-8	2	0.193	ug/kg	70-130	30	70-130	30	30			
1,2,4-Trimethylbenzene	95-63-6	2	0.334	ug/kg	70-130	30	70-130	30	30			
trans-1,4-Dichloro-2-butene	110-57-6	5	1.42	ug/kg	70-130	30	70-130	30	30			
iso-Propyl Alcohol	67-63-0	100	100	ug/kg	70-130	20	70-130	20	20			
Ethyl ether	60-29-7	2	0.341	ug/kg	67-130	30	67-130	30	30			
Methyl Acetate	79-20-9	4	0.950	ug/kg	65-130	30	65-130	30	30			
Ethyl Acetate	141-78-6	10	1.21	ug/kg	70-130	30	70-130	30	30			
Isopropyl Ether	108-20-3	2	0.213	ug/kg	66-130	30	66-130	30	30			
Cyclohexane	110-82-7	10	0.544	ug/kg	70-130	30	70-130	30	30			

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)
Please Note that the information provided in this table is subject to change at anytime at the discretion of Alpha Analytical, Inc.

Volatile Organics - EPA 8260C (SOIL-LOW)

Holding Time: 14 days
Container/Sample Preservation: 1 - Vial Large Septa unpreserved (4oz)

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Ethyl-Tert-Butyl-Ether	637-92-3	2	0.128	ug/kg	70-130	30	70-130	30	30			
Tertiary-Amyl Methyl Ether	994-05-8	2	0.176	ug/kg	70-130	30	70-130	30	30			
1,4-Dioxane	123-91-1	100	35.1	ug/kg	65-136	30	65-136	30	30			
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	4	0.693	ug/kg	70-130	30	70-130	30	30			
1,2-Dichloroethane-d4	*17060-07-0*									*70-130*		
Toluene-d8	*2037-26-5*									*70-130*		
4-Bromofluorobenzene	*460-00-4*									*70-130*		
Dibromofluoromethane	*1868-53-7*									*70-130*		

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)
Please Note that the information provided in this table is subject to change at anytime at the discretion of Alpha Analytical, Inc.

Date Created: 06/19/18
Created By: Jason Hebert
File: PM5048-1
Page: 1

Volatile Organics - EPA 8260C (SOIL-HIGH)

Holding Time: 14 days
Container/Sample Preservation: 1 - Vial Large Septa unpreserved (4oz)

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Methylene chloride	75-09-2	250	115	ug/kg	70-130	30	70-130	30	30			
1,1-Dichloroethane	75-34-3	50	7.25	ug/kg	70-130	30	70-130	30	30			
Chloroform	67-66-3	75	7.00	ug/kg	70-130	30	70-130	30	30			
Carbon tetrachloride	56-23-5	50	11.5	ug/kg	70-130	30	70-130	30	30			
1,2-Dichloropropane	78-87-5	50	6.25	ug/kg	70-130	30	70-130	30	30			
Dibromochloromethane	124-48-1	50	7.00	ug/kg	70-130	30	70-130	30	30			
1,1,2-Trichloroethane	79-00-5	50	13.4	ug/kg	70-130	30	70-130	30	30			
Tetrachloroethene	127-18-4	25	9.80	ug/kg	70-130	30	70-130	30	30			
Chlorobenzene	108-90-7	25	6.35	ug/kg	70-130	30	70-130	30	30			
Trichlorofluoromethane	75-69-4	200	34.8	ug/kg	70-139	30	70-139	30	30			
1,2-Dichloroethane	107-06-2	50	12.9	ug/kg	70-130	30	70-130	30	30			
1,1,1-Trichloroethane	71-55-6	25	8.35	ug/kg	70-130	30	70-130	30	30			
Bromodichloromethane	75-27-4	25	5.45	ug/kg	70-130	30	70-130	30	30			
trans-1,3-Dichloropropene	10061-02-6	50	13.7	ug/kg	70-130	30	70-130	30	30			
cis-1,3-Dichloropropene	10061-01-5	25	7.90	ug/kg	70-130	30	70-130	30	30			
1,3-Dichloropropene, Total	542-75-6	25	7.90	ug/kg				30	30			
1,3-Dichloropropene, Total	542-75-6	25	7.90	ug/kg				30	30			
1,1-Dichloropropene	563-58-6	25	7.95	ug/kg	70-130	30	70-130	30	30			
Bromoform	75-25-2	200	12.3	ug/kg	70-130	30	70-130	30	30			
1,1,2,2-Tetrachloroethane	79-34-5	25	8.30	ug/kg	70-130	30	70-130	30	30			
Benzene	71-43-2	25	8.30	ug/kg	70-130	30	70-130	30	30			
Toluene	108-88-3	50	27.2	ug/kg	70-130	30	70-130	30	30			
Ethylbenzene	100-41-4	50	7.05	ug/kg	70-130	30	70-130	30	30			
Chloromethane	74-87-3	200	46.6	ug/kg	52-130	30	52-130	30	30			
Bromomethane	74-83-9	100	29.1	ug/kg	57-147	30	57-147	30	30			
Vinyl chloride	75-01-4	50	16.8	ug/kg	67-130	30	67-130	30	30			
Chloroethane	75-00-3	100	22.6	ug/kg	50-151	30	50-151	30	30			
1,1-Dichloroethene	75-35-4	50	11.9	ug/kg	65-135	30	65-135	30	30			
trans-1,2-Dichloroethene	156-60-5	75	6.85	ug/kg	70-130	30	70-130	30	30			
Trichloroethene	79-01-6	25	6.85	ug/kg	70-130	30	70-130	30	30			
1,2-Dichlorobenzene	95-50-1	100	7.20	ug/kg	70-130	30	70-130	30	30			
1,3-Dichlorobenzene	541-73-1	100	7.40	ug/kg	70-130	30	70-130	30	30			
1,4-Dichlorobenzene	106-46-7	100	8.55	ug/kg	70-130	30	70-130	30	30			
Methyl tert butyl ether	1634-04-4	100	10.1	ug/kg	66-130	30	66-130	30	30			
p/m-Xylene	179601-23-1	100	28.0	ug/kg	70-130	30	70-130	30	30			
o-Xylene	95-47-6	50	14.6	ug/kg	70-130	30	70-130	30	30			
Xylene (Total)	1330-20-7	50	14.6	ug/kg				30	30			
Xylene (Total)	1330-20-7	50	14.6	ug/kg				30	30			
cis-1,2-Dichloroethene	156-59-2	50	8.75	ug/kg	70-130	30	70-130	30	30			
1,2-Dichloroethene (total)	540-59-0	50	6.85	ug/kg				30	30			
1,2-Dichloroethene (total)	540-59-0	50	6.85	ug/kg				30	30			
Dibromomethane	74-95-3	100	11.9	ug/kg	70-130	30	70-130	30	30			

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)
Please Note that the information provided in this table is subject to change at anytime at the discretion of Alpha Analytical, Inc.

Volatile Organics - EPA 8260C (SOIL-HIGH)

Holding Time: 14 days
Container / Sample Preservation: 1 - Vial Large Septa unpreserved (4oz)

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
1,4-Dichlorobutane	110-56-5	500	11.3	ug/kg	70-130	30	70-130	30	30			
1,2,3-Trichloropropane	96-18-4	100	6.35	ug/kg	68-130	30	68-130	30	30			
Styrene	100-42-5	50	9.80	ug/kg	70-130	30	70-130	30	30			
Dichlorodifluoromethane	75-71-8	500	45.8	ug/kg	30-146	30	30-146	30	30			
Acetone	67-64-1	500	241	ug/kg	54-140	30	54-140	30	30			
Carbon disulfide	75-15-0	500	228	ug/kg	59-130	30	59-130	30	30			
2-Butanone	78-93-3	500	111	ug/kg	70-130	30	70-130	30	30			
Vinyl acetate	108-05-4	500	108	ug/kg	70-130	30	70-130	30	30			
4-Methyl-2-pentanone	108-10-1	500	64.0	ug/kg	70-130	30	70-130	30	30			
2-Hexanone	591-78-6	500	59.0	ug/kg	70-130	30	70-130	30	30			
Ethyl methacrylate	97-63-2	500	79.0	ug/kg	70-130	30	70-130	30	30			
Acrylonitrile	107-13-1	200	57.5	ug/kg	70-130	30	70-130	30	30			
Bromochloromethane	74-97-5	100	10.3	ug/kg	70-130	30	70-130	30	30			
Tetrahydrofuran	109-99-9	200	79.5	ug/kg	66-130	30	66-130	30	30			
2,2-Dichloropropane	594-20-7	100	10.1	ug/kg	70-130	30	70-130	30	30			
1,2-Dibromoethane	106-93-4	50	14.0	ug/kg	70-130	30	70-130	30	30			
1,3-Dichloropropane	142-28-9	100	8.35	ug/kg	69-130	30	69-130	30	30			
1,1,1,2-Tetrachloroethane	630-20-6	25	6.60	ug/kg	70-130	30	70-130	30	30			
Bromobenzene	108-86-1	100	7.25	ug/kg	70-130	30	70-130	30	30			
n-Butylbenzene	104-51-8	50	8.35	ug/kg	70-130	30	70-130	30	30			
sec-Butylbenzene	135-98-8	50	7.30	ug/kg	70-130	30	70-130	30	30			
tert-Butylbenzene	98-06-6	100	5.90	ug/kg	70-130	30	70-130	30	30			
1,3,5-Trichlorobenzene	108-70-3	100	8.65	ug/kg	70-139	30	70-130	30	30			
o-Chlorotoluene	95-49-8	100	9.55	ug/kg	70-130	30	70-130	30	30			
p-Chlorotoluene	106-43-4	100	5.40	ug/kg	70-130	30	70-130	30	30			
1,2-Dibromo-3-chloropropane	96-12-8	150	49.9	ug/kg	68-130	30	68-130	30	30			
Hexachlorobutadiene	87-68-3	200	8.45	ug/kg	67-130	30	67-130	30	30			
Isopropylbenzene	98-82-8	50	5.45	ug/kg	70-130	30	70-130	30	30			
p-Isopropyltoluene	99-87-6	50	5.45	ug/kg	70-130	30	70-130	30	30			
Naphthalene	91-20-3	200	32.5	ug/kg	70-130	30	70-130	30	30			
n-Propylbenzene	103-65-1	50	8.55	ug/kg	70-130	30	70-130	30	30			
1,2,3-Trichlorobenzene	87-61-6	100	16.1	ug/kg	70-130	30	70-130	30	30			
1,2,4-Trichlorobenzene	120-82-1	100	13.6	ug/kg	70-130	30	70-130	30	30			
1,3,5-Trimethylbenzene	108-67-8	100	9.65	ug/kg	70-130	30	70-130	30	30			
1,2,4-Trimethylbenzene	95-63-6	100	16.7	ug/kg	70-130	30	70-130	30	30			
trans-1,4-Dichloro-2-butene	110-57-6	250	71.0	ug/kg	70-130	30	70-130	30	30			
iso-Propyl Alcohol	67-63-0	5000	5000	ug/kg	70-130	20	70-130	20	20			
Ethyl ether	60-29-7	100	17.1	ug/kg	67-130	30	67-130	30	30			
Methyl Acetate	79-20-9	200	47.5	ug/kg	65-130	30	65-130	30	30			
Ethyl Acetate	141-78-6	500	60.5	ug/kg	70-130	30	70-130	30	30			
Isopropyl Ether	108-20-3	100	10.7	ug/kg	66-130	30	66-130	30	30			
Cyclohexane	110-82-7	500	27.2	ug/kg	70-130	30	70-130	30	30			

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)
Please Note that the information provided in this table is subject to change at anytime at the discretion of Alpha Analytical, Inc.

Volatile Organics - EPA 8260C (SOIL-HIGH)

Holding Time: 14 days
Container / Sample Preservation: 1 - Vial Large Septa unpreserved (4oz)

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Ethyl-Tert-Butyl-Ether	637-92-3	100	6.40	ug/kg	70-130	30	70-130	30	30			
Tertiary-Amyl Methyl Ether	994-05-8	100	8.80	ug/kg	70-130	30	70-130	30	30			
1,4-Dioxane	123-91-1	5000	1755	ug/kg	65-136	30	65-136	30	30			
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	200	34.7	ug/kg	70-130	30	70-130	30	30			
1,2-Dichloroethane-d4	*17060-07-0*									*70-130*		
Toluene-d8	*2037-26-5*									*70-130*		
4-Bromofluorobenzene	*460-00-4*									*70-130*		
Dibromofluoromethane	*1868-53-7*									*70-130*		

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)
Please Note that the information provided in this table is subject to change at anytime at the discretion of Alpha Analytical, Inc.

Volatiles Sample Data

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-01	**Date Collected**	: 09/09/21 11:45
Client ID	: MW-204	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/14/21 12:26
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VE210914A13	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-01	**Date Collected**	: 09/09/21 11:45
Client ID	: MW-204	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/14/21 12:26
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VE210914A13	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	1.7	5.0	1.5	J
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	2.1	5.0	1.9	J
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-01	**Date Collected**	: 09/09/21 11:45
Client ID	: MW-204	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/14/21 12:26
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VE210914A13	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-01	**Date Collected**	: 09/09/21 11:45
Client ID	: MW-204	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/14/21 12:26
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VE210914A13	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-01	**Date Collected**	: 09/09/21 11:45
Client ID	: MW-204	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/14/21 12:26
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VE210914A13	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-02	**Date Collected**	: 09/09/21 12:15
Client ID	: MW-205	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/14/21 12:47
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VE210914A14	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-02	**Date Collected**	: 09/09/21 12:15
Client ID	: MW-205	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/14/21 12:47
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VE210914A14	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-02	**Date Collected**	: 09/09/21 12:15
Client ID	: MW-205	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/14/21 12:47
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VE210914A14	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-02	**Date Collected**	: 09/09/21 12:15
Client ID	: MW-205	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/14/21 12:47
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VE210914A14	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-02	**Date Collected**	: 09/09/21 12:15
Client ID	: MW-205	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/14/21 12:47
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VE210914A14	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-03	**Date Collected**	: 09/09/21 09:15
Client ID	: MW-206	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/14/21 13:07
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VE210914A15	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-03	**Date Collected**	: 09/09/21 09:15
Client ID	: MW-206	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/14/21 13:07
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VE210914A15	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	1.2	5.0	1.0	J
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-03	**Date Collected**	: 09/09/21 09:15
Client ID	: MW-206	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/14/21 13:07
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VE210914A15	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-03	**Date Collected**	: 09/09/21 09:15
Client ID	: MW-206	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/14/21 13:07
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VE210914A15	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-03	**Date Collected**	: 09/09/21 09:15
Client ID	: MW-206	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/14/21 13:07
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VE210914A15	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-04	**Date Collected**	: 09/09/21 10:30
Client ID	: MW-207	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/14/21 13:27
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VE210914A16	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-04	**Date Collected**	: 09/09/21 10:30
Client ID	: MW-207	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/14/21 13:27
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VE210914A16	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-04	**Date Collected**	: 09/09/21 10:30
Client ID	: MW-207	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/14/21 13:27
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VE210914A16	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-04	**Date Collected**	: 09/09/21 10:30
Client ID	: MW-207	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/14/21 13:27
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VE210914A16	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-04	**Date Collected**	: 09/09/21 10:30
Client ID	: MW-207	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/14/21 13:27
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VE210914A16	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-05	**Date Collected**	: 09/09/21 09:00
Client ID	: MW-209	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/14/21 13:48
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VE210914A17	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-05	**Date Collected**	: 09/09/21 09:00
Client ID	: MW-209	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/14/21 13:48
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VE210914A17	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	7.1	5.0	1.5	
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-05	**Date Collected**	: 09/09/21 09:00
Client ID	: MW-209	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/14/21 13:48
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VE210914A17	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-05	**Date Collected**	: 09/09/21 09:00
Client ID	: MW-209	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/14/21 13:48
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VE210914A17	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-05	**Date Collected**	: 09/09/21 09:00
Client ID	: MW-209	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/14/21 13:48
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VE210914A17	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 2 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	4.30	1.03	J
	Total TIC Compounds		1.03J	J

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-06	**Date Collected**	: 09/09/21 11:00
Client ID	: MW-211	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/14/21 14:09
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VE210914A18	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-06	**Date Collected**	: 09/09/21 11:00
Client ID	: MW-211	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/14/21 14:09
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VE210914A18	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-06	**Date Collected**	: 09/09/21 11:00
Client ID	: MW-211	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/14/21 14:09
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VE210914A18	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-06	**Date Collected**	: 09/09/21 11:00
Client ID	: MW-211	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/14/21 14:09
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VE210914A18	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-06	**Date Collected**	: 09/09/21 11:00
Client ID	: MW-211	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/14/21 14:09
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VE210914A18	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-07	**Date Collected**	: 09/09/21 11:45
Client ID	: MW-214	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/14/21 14:30
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VE210914A19	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	1.0	2.5	0.70	J
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-07	**Date Collected**	: 09/09/21 11:45
Client ID	: MW-214	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/14/21 14:30
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VE210914A19	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-07	**Date Collected**	: 09/09/21 11:45
Client ID	: MW-214	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/14/21 14:30
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VE210914A19	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-07	**Date Collected**	: 09/09/21 11:45
Client ID	: MW-214	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/14/21 14:30
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VE210914A19	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-07	**Date Collected**	: 09/09/21 11:45
Client ID	: MW-214	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/14/21 14:30
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VE210914A19	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-08	**Date Collected**	: 09/09/21 13:00
Client ID	: FB	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/14/21 14:51
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VE210914A20	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-08	**Date Collected**	: 09/09/21 13:00
Client ID	: FB	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/14/21 14:51
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VE210914A20	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-08	**Date Collected**	: 09/09/21 13:00
Client ID	: FB	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/14/21 14:51
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VE210914A20	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-08	**Date Collected**	: 09/09/21 13:00
Client ID	: FB	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/14/21 14:51
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VE210914A20	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-08	**Date Collected**	: 09/09/21 13:00
Client ID	: FB	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/14/21 14:51
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VE210914A20	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-09	**Date Collected**	: 09/07/21 00:00
Client ID	: TB	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/14/21 15:11
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VE210914A21	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-09	**Date Collected**	: 09/07/21 00:00
Client ID	: TB	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/14/21 15:11
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VE210914A21	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-09	**Date Collected**	: 09/07/21 00:00
Client ID	: TB	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/14/21 15:11
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VE210914A21	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-09	**Date Collected**	: 09/07/21 00:00
Client ID	: TB	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/14/21 15:11
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VE210914A21	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-09	**Date Collected**	: 09/07/21 00:00
Client ID	: TB	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/14/21 15:11
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VE210914A21	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: WG1546709-5	**Date Collected**	: NA
Client ID	: WG1546709-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 09/14/21 09:46
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VE210914A05	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: WG1546709-5	**Date Collected**	: NA
Client ID	: WG1546709-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 09/14/21 09:46
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VE210914A05	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: WG1546709-5	**Date Collected**	: NA
Client ID	: WG1546709-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 09/14/21 09:46
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VE210914A05	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: WG1546709-5	**Date Collected**	: NA
Client ID	: WG1546709-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 09/14/21 09:46
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VE210914A05	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: WG1546709-5	**Date Collected**	: NA
Client ID	: WG1546709-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 09/14/21 09:46
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VE210914A05	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A13.D
Acq On : 14 Sep 2021 12:26 pm
Operator : ELAINE:PD
Sample : L2148526-01,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 15 11:48:48 2021
Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2021\210914A\VE210914A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.406	96	239521	10.000 ug/L	0.00
Standard Area 1 = 261232			Recovery = 91.69%		
59) Chlorobenzene-d5	8.442	117	168514	10.000 ug/L	0.00
Standard Area 1 = 175761			Recovery = 95.88%		
79) 1,4-Dichlorobenzene-d4	9.936	152	79681	10.000 ug/L	0.00
Standard Area 1 = 84918			Recovery = 93.83%		
System Monitoring Compounds					
36) Dibromofluoromethane	4.410	113	53884	9.875 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.75%		
43) 1,2-Dichloroethane-d4	5.058	65	76772	9.575 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 95.75%		
60) Toluene-d8	7.120	98	226500	9.775 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.75%		
83) 4-Bromofluorobenzene	9.265	95	96975	10.259 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.59%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D. d	
3) Chloromethane	1.035	50	118	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	1.322	94	58	N.D.	
6) Chloroethane	0.000		0	N.D. d	
7) Trichlorofluoromethane	0.000		0	N.D.	
8) Ethyl ether	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	1.823	76	736	0.073 ug/L #	76
15) Methylene chloride	0.000		0	N.D.	
17) Acetone	2.354	43	3596	1.691 ug/L	90
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
20) Methyl tert-butyl ether	0.000		0	N.D.	
23) 1,1-Dichloroethane	0.000		0	N.D.	
25) Acrylonitrile	0.000		0	N.D.	
27) Vinyl acetate	3.409	43	91	N.D.	
28) cis-1,2-Dichloroethene	0.000		0	N.D.	
29) 2,2-Dichloropropane	0.000		0	N.D.	
30) Bromochloromethane	0.000		0	N.D.	
32) Chloroform	0.000		0	N.D.	

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A13.D
Acq On : 14 Sep 2021 12:26 pm
Operator : ELAINE:PD
Sample : L2148526-01,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 15 11:48:48 2021
Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2021\210914A\VE210914A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0	N.D.		
37) 1,1,1-Trichloroethane	0.000		0	N.D.		
39) 2-Butanone	4.608	43	4067	2.139	ug/L #	87
40) 1,1-Dichloropropene	4.396	75	25	N.D.		
41) Benzene	0.000		0	N.D.		
44) 1,2-Dichloroethane	5.139	62	57	N.D.		
48) Trichloroethene	0.000		0	N.D.		
50) Dibromomethane	0.000		0	N.D.		
51) 1,2-Dichloropropane	0.000		0	N.D.		
54) Bromodichloromethane	0.000		0	N.D.		
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	0.000		0	N.D.		
61) Toluene	7.167	92	94	N.D.		
62) 4-Methyl-2-pentanone	0.000		0	N.D.		
63) Tetrachloroethene	0.000		0	N.D.		
65) trans-1,3-Dichloropropene	0.000		0	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D.		
69) Chlorodibromomethane	0.000		0	N.D.		
70) 1,3-Dichloropropane	0.000		0	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.		
72) 2-Hexanone	8.269	43	84	N.D.		
73) Chlorobenzene	0.000		0	N.D.		
74) Ethylbenzene	8.489	91	86	N.D.		
75) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
76) p/m Xylene	0.000		0	N.D.		
77) o Xylene	0.000		0	N.D.		
78) Styrene	0.000		0	N.D.		
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	9.101	105	25	N.D.		
84) Bromobenzene	0.000		0	N.D.		
85) n-Propylbenzene	9.268	91	209	N.D.		
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
88) 4-Ethyltoluene	0.000		0	N.D.		
89) 2-Chlorotoluene	9.268	91	209	N.D.		
90) 1,3,5-Trimethylbenzene	0.000		0	N.D.		
91) 1,2,3-Trichloropropane	0.000		0	N.D.		
92) trans-1,4-Dichloro-2-b...	0.000		0	N.D.		
93) 4-Chlorotoluene	0.000		0	N.D.		
94) tert-Butylbenzene	0.000		0	N.D.		

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A13.D
Acq On : 14 Sep 2021 12:26 pm
Operator : ELAINE:PD
Sample : L2148526-01,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 15 11:48:48 2021
Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2021\210914A\VE210914A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	9.713	105	59		N.D.	
98) sec-Butylbenzene	9.713	105	59		N.D.	
99) p-Isopropyltoluene	0.000		0		N.D.	
100) 1,3-Dichlorobenzene	0.000		0		N.D.	
101) 1,4-Dichlorobenzene	0.000		0		N.D.	
102) p-Diethylbenzene	0.000		0		N.D.	
103) n-Butylbenzene	10.094	91	28		N.D.	
104) 1,2-Dichlorobenzene	0.000		0		N.D.	
105) 1,2,4,5-Tetramethylben...	10.531	119	26		N.D.	
106) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
108) Hexachlorobutadiene	0.000		0		N.D.	
109) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
110) Naphthalene	11.196	128	194		N.D.	
111) 1,2,3-Trichlorobenzene	0.000		0		N.D.	

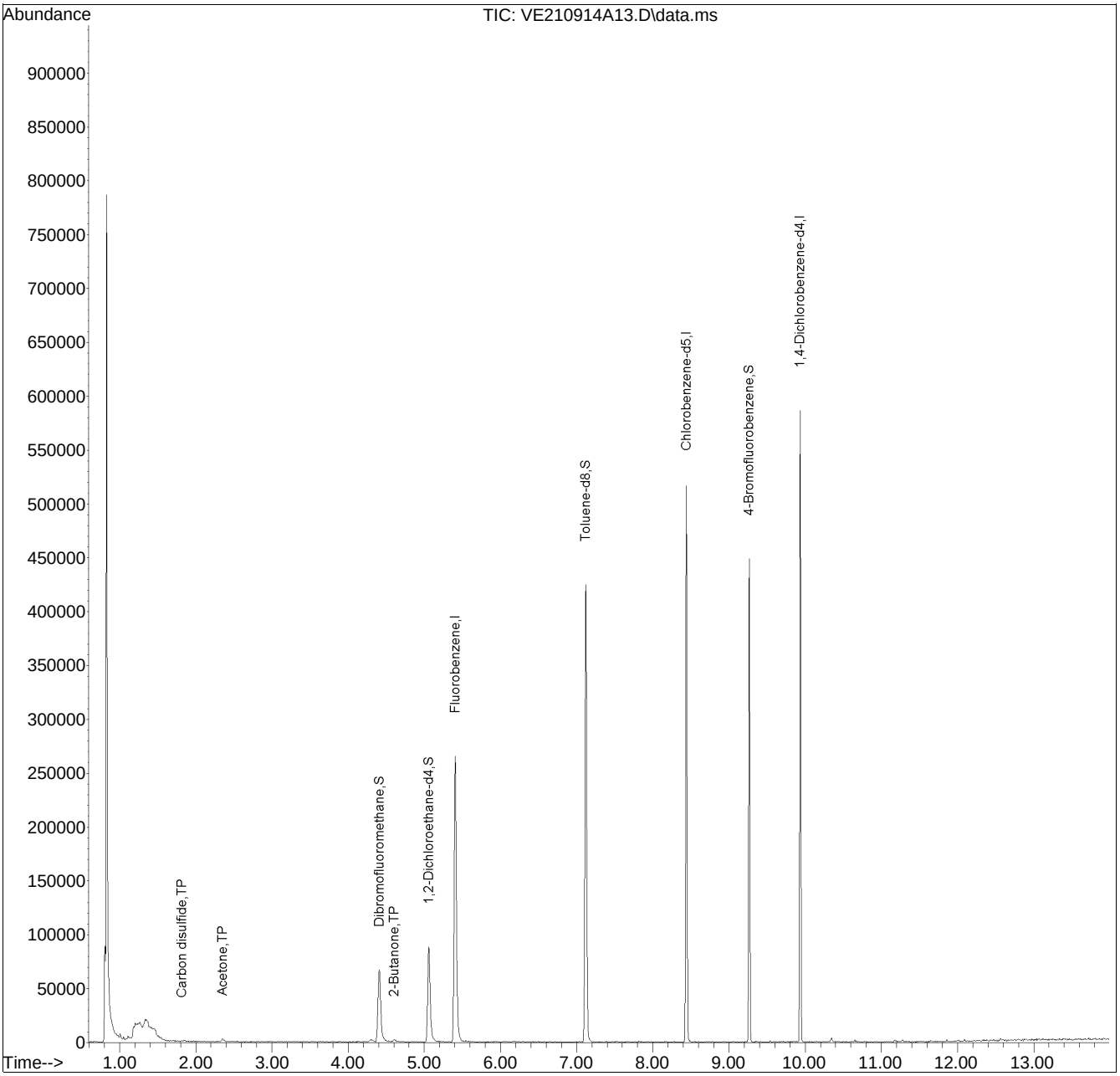
(#) = qualifier out of range (m) = manual integration (+) = signals summed

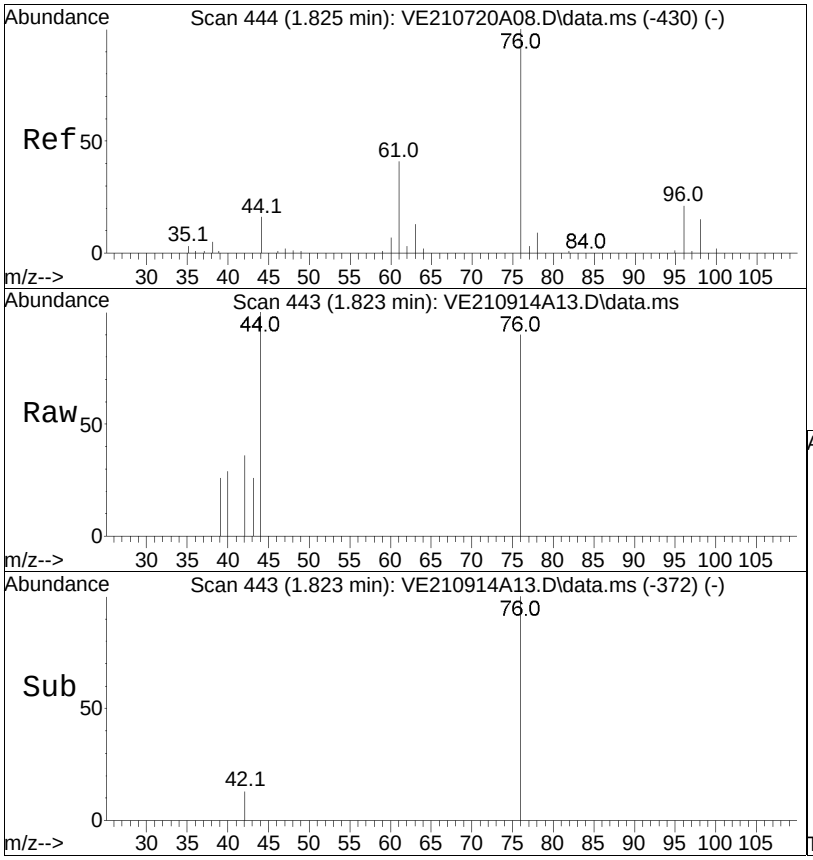
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A13.D
Acq On : 14 Sep 2021 12:26 pm
Operator : ELAINE:PD
Sample : L2148526-01,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 15 11:48:48 2021
Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox10914A\VE210914A02.D•

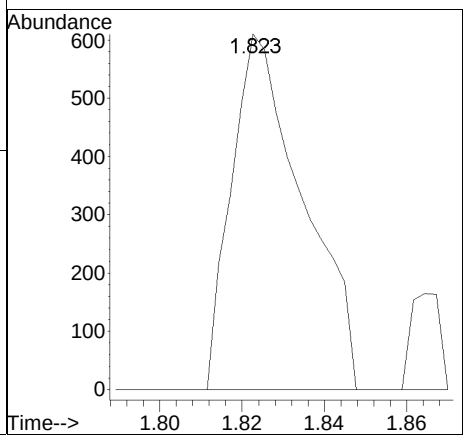


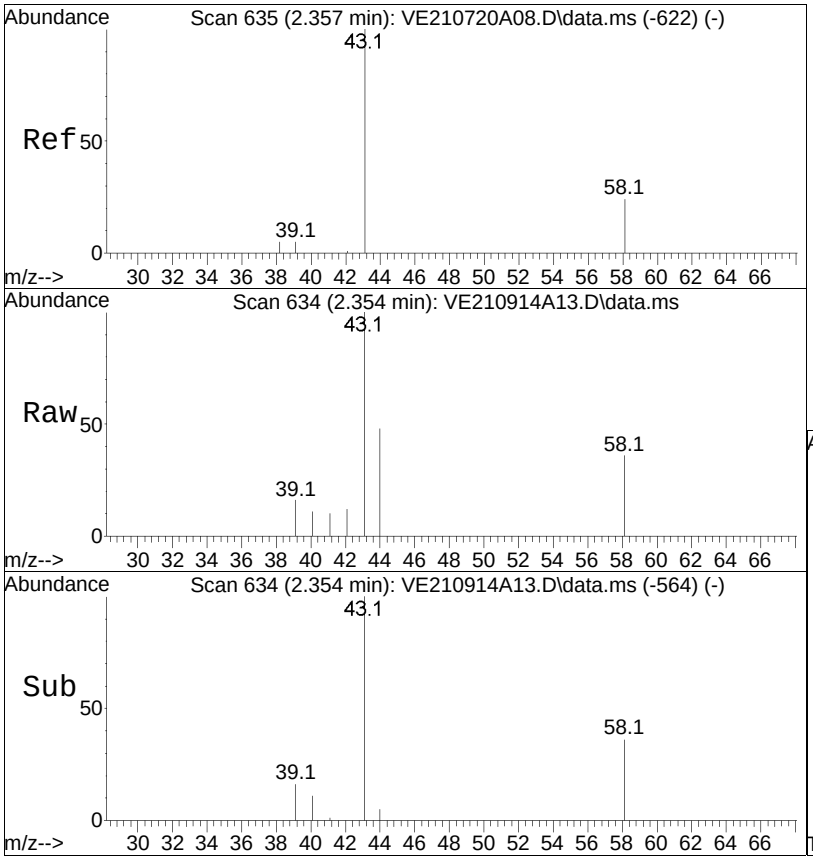


#11
Carbon disulfide
Concen: 0.07 ug/L
RT: 1.823 min Scan# 443
Delta R.T. -0.002 min
Lab File: VE210914A13.D
Acq: 14 Sep 2021 12:26 pm

Tgt Ion: 76 Resp: 736

Ion	Ratio	Lower	Upper
76	100		
78	0.0	5.7	11.7#

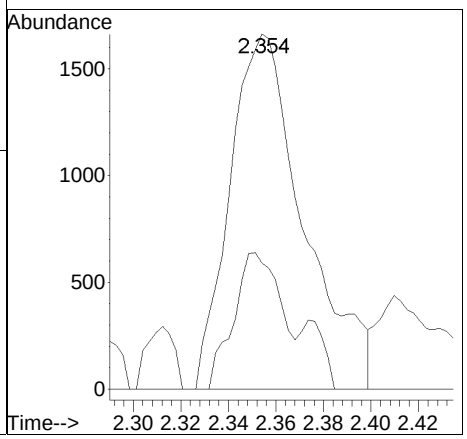


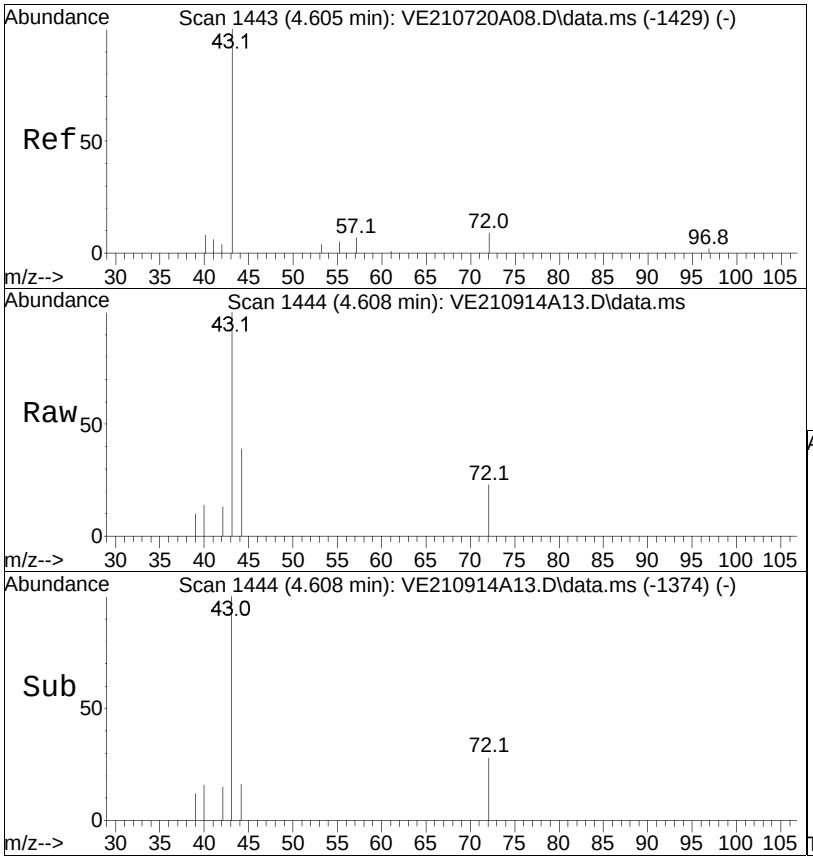


#17
Acetone
Concen: 1.69 ug/L
RT: 2.354 min Scan# 634
Delta R.T. -0.006 min
Lab File: VE210914A13.D
Acq: 14 Sep 2021 12:26 pm

Tgt Ion: 43 Resp: 3596

Ion	Ratio	Lower	Upper
43	100		
58	24.8	24.2	36.4

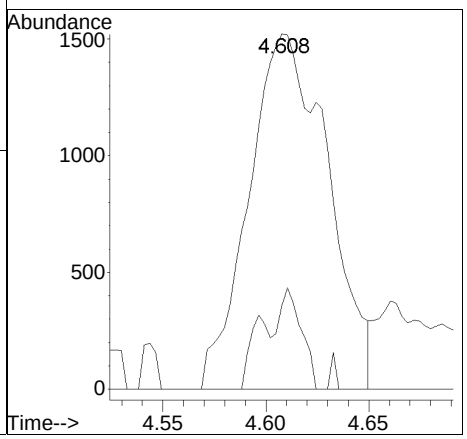




#39
2-Butanone
Concen: 2.14 ug/L
RT: 4.608 min Scan# 1444
Delta R.T. -0.005 min
Lab File: VE210914A13.D
Acq: 14 Sep 2021 12:26 pm

Tgt Ion: 43 Resp: 4067

Ion	Ratio	Lower	Upper
43	100		
72	8.5	10.9	16.3#



Manual Integration Report

Data Path	: I:\VOLATILES\Elaine\2021\2Q	Method	: Elaine_210909A_8260.m
Data File	: VE210914A13.D	Operator	: ELAINE:PD
Date Inj'd	: 9/14/2021 12:26 pm	Instrument	: Elaine
Sample	: L2148526-01,31,10,10,,A,PR	Quant Date	: 9/15/2021 11:35 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A13.D
Acq On : 14 Sep 2021 12:26 pm
Operator : ELAINE:PD
Sample : L2148526-01,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: VE210914A13.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.205	205	221	227	rBV2	13733	34806	5.32%	1.091%
2	4.407	1355	1372	1400	rBV3	67332	174433	26.65%	5.467%
3	5.058	1587	1606	1639	rBV	88378	203803	31.14%	6.388%
4	5.406	1714	1731	1763	rBV	265303	545544	83.36%	17.099%
5	7.120	2331	2347	2382	rVB	424848	654440	100.00%	20.512%
6	8.439	2811	2821	2837	rBV	516233	582999	89.08%	18.273%
7	9.265	3105	3118	3135	rVB	449228	442716	67.65%	13.876%
8	9.936	3350	3359	3371	rBV	586047	551808	84.32%	17.295%

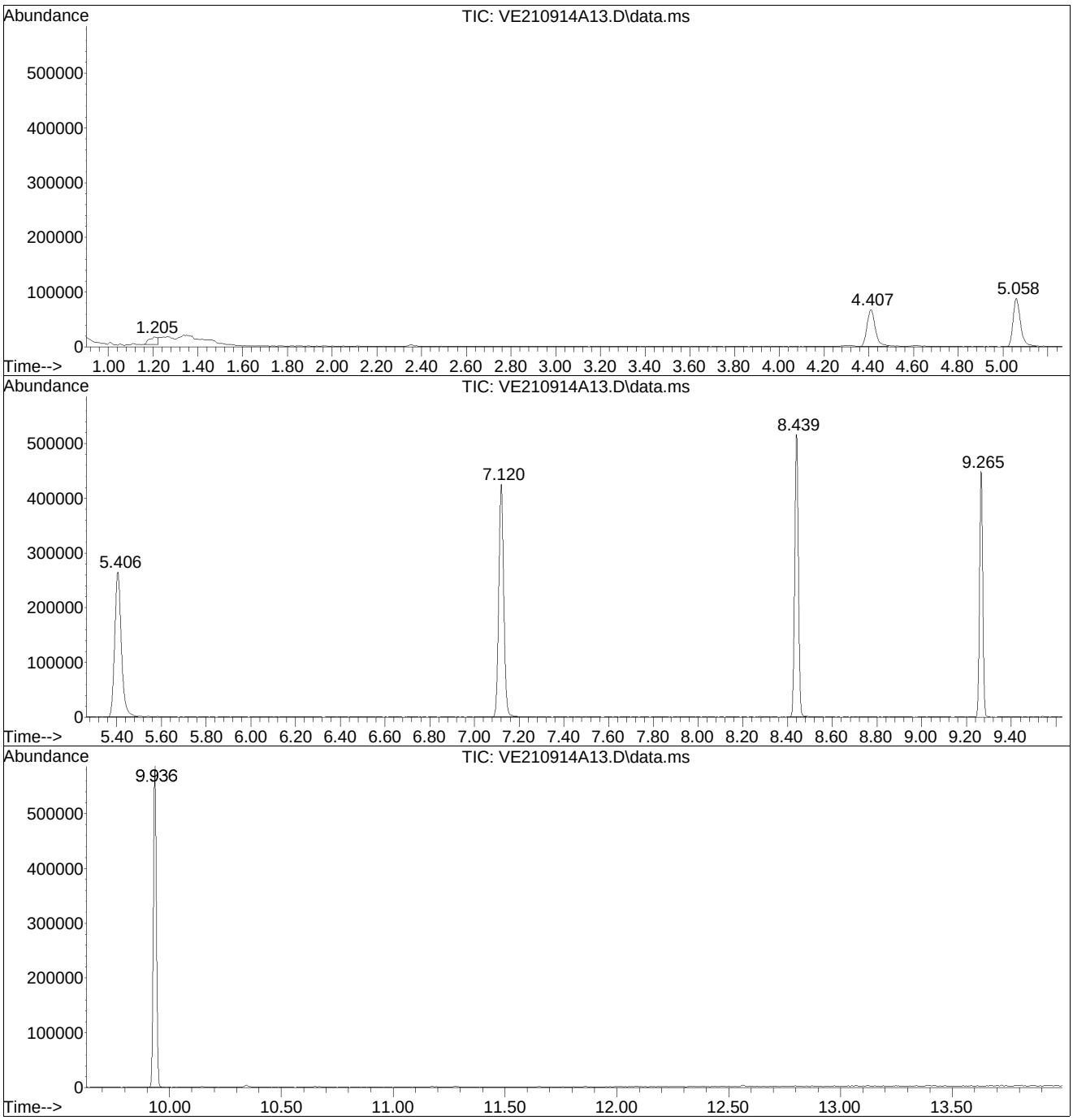
Sum of corrected areas: 3190549

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A13.D
Acq On : 14 Sep 2021 12:26 pm
Operator : ELAINE:PD
Sample : L2148526-01,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A13.D
Acq On : 14 Sep 2021 12:26 pm
Operator : ELAINE:PD
Sample : L2148526-01,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A13.D
Acq On : 14 Sep 2021 12:26 pm
Operator : ELAINE:PD
Sample : L2148526-01,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A14.D
Acq On : 14 Sep 2021 12:47 pm
Operator : ELAINE:PD
Sample : L2148526-02,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 15 11:49:11 2021
Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2021\210914A\VE210914A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.406	96	232974	10.000 ug/L	0.00
Standard Area 1 = 261232			Recovery = 89.18%		
59) Chlorobenzene-d5	8.439	117	164161	10.000 ug/L	0.00
Standard Area 1 = 175761			Recovery = 93.40%		
79) 1,4-Dichlorobenzene-d4	9.936	152	79990	10.000 ug/L	0.00
Standard Area 1 = 84918			Recovery = 94.20%		
System Monitoring Compounds					
36) Dibromofluoromethane	4.407	113	53721	10.122 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.22%		
43) 1,2-Dichloroethane-d4	5.061	65	76431	9.800 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.00%		
60) Toluene-d8	7.120	98	221957	9.833 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.33%		
83) 4-Bromofluorobenzene	9.265	95	94967	10.008 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.08%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D. d	
3) Chloromethane	1.035	50	325	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	1.286	94	28	N.D.	
6) Chloroethane	0.000		0	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
8) Ethyl ether	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	1.826	76	200	N.D.	
15) Methylene chloride	0.000		0	N.D.	
17) Acetone	2.354	43	1933	0.362 ug/L #	75
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
20) Methyl tert-butyl ether	0.000		0	N.D.	
23) 1,1-Dichloroethane	0.000		0	N.D.	
25) Acrylonitrile	0.000		0	N.D.	
27) Vinyl acetate	3.414	43	26	N.D.	
28) cis-1,2-Dichloroethene	0.000		0	N.D.	
29) 2,2-Dichloropropane	0.000		0	N.D.	
30) Bromochloromethane	0.000		0	N.D.	
32) Chloroform	4.215	83	59	N.D.	

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A14.D
Acq On : 14 Sep 2021 12:47 pm
Operator : ELAINE:PD
Sample : L2148526-02,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 15 11:49:11 2021
Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2021\210914A\VE210914A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	4.616	43	123		N.D.	
40) 1,1-Dichloropropene	4.419	75	51		N.D.	
41) Benzene	4.872	78	28		N.D.	
44) 1,2-Dichloroethane	0.000		0		N.D.	
48) Trichloroethene	5.476	95	239		N.D.	
50) Dibromomethane	0.000		0		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	0.000		0		N.D.	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	7.167	92	30		N.D.	
62) 4-Methyl-2-pentanone	0.000		0		N.D.	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D.	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	8.308	43	58		N.D.	
73) Chlorobenzene	0.000		0		N.D.	
74) Ethylbenzene	8.444	91	334		N.D.	
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	8.597	106	58		N.D.	
77) o Xylene	0.000		0		N.D.	
78) Styrene	0.000		0		N.D.	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	0.000		0		N.D.	
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	9.262	91	252		N.D.	
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
88) 4-Ethyltoluene	0.000		0		N.D.	
89) 2-Chlorotoluene	9.546	91	59		N.D.	
90) 1,3,5-Trimethylbenzene	0.000		0		N.D.	
91) 1,2,3-Trichloropropane	0.000		0		N.D.	
92) trans-1,4-Dichloro-2-b...	0.000		0		N.D.	
93) 4-Chlorotoluene	9.546	91	59		N.D.	
94) tert-Butylbenzene	0.000		0		N.D.	

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A14.D
Acq On : 14 Sep 2021 12:47 pm
Operator : ELAINE:PD
Sample : L2148526-02,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 15 11:49:11 2021
Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2021\210914A\VE210914A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97)	1,2,4-Trimethylbenzene	0.000		0		N.D.	
98)	sec-Butylbenzene	0.000		0		N.D.	
99)	p-Isopropyltoluene	0.000		0		N.D.	
100)	1,3-Dichlorobenzene	0.000		0		N.D.	
101)	1,4-Dichlorobenzene	0.000		0		N.D.	
102)	p-Diethylbenzene	10.075	119	25		N.D.	
103)	n-Butylbenzene	10.108	91	112		N.D.	
104)	1,2-Dichlorobenzene	0.000		0		N.D.	
105)	1,2,4,5-Tetramethylben...	10.523	119	51		N.D.	
106)	1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
108)	Hexachlorobutadiene	0.000		0		N.D.	
109)	1,2,4-Trichlorobenzene	0.000		0		N.D.	
110)	Naphthalene	11.199	128	194		N.D.	
111)	1,2,3-Trichlorobenzene	0.000		0		N.D.	

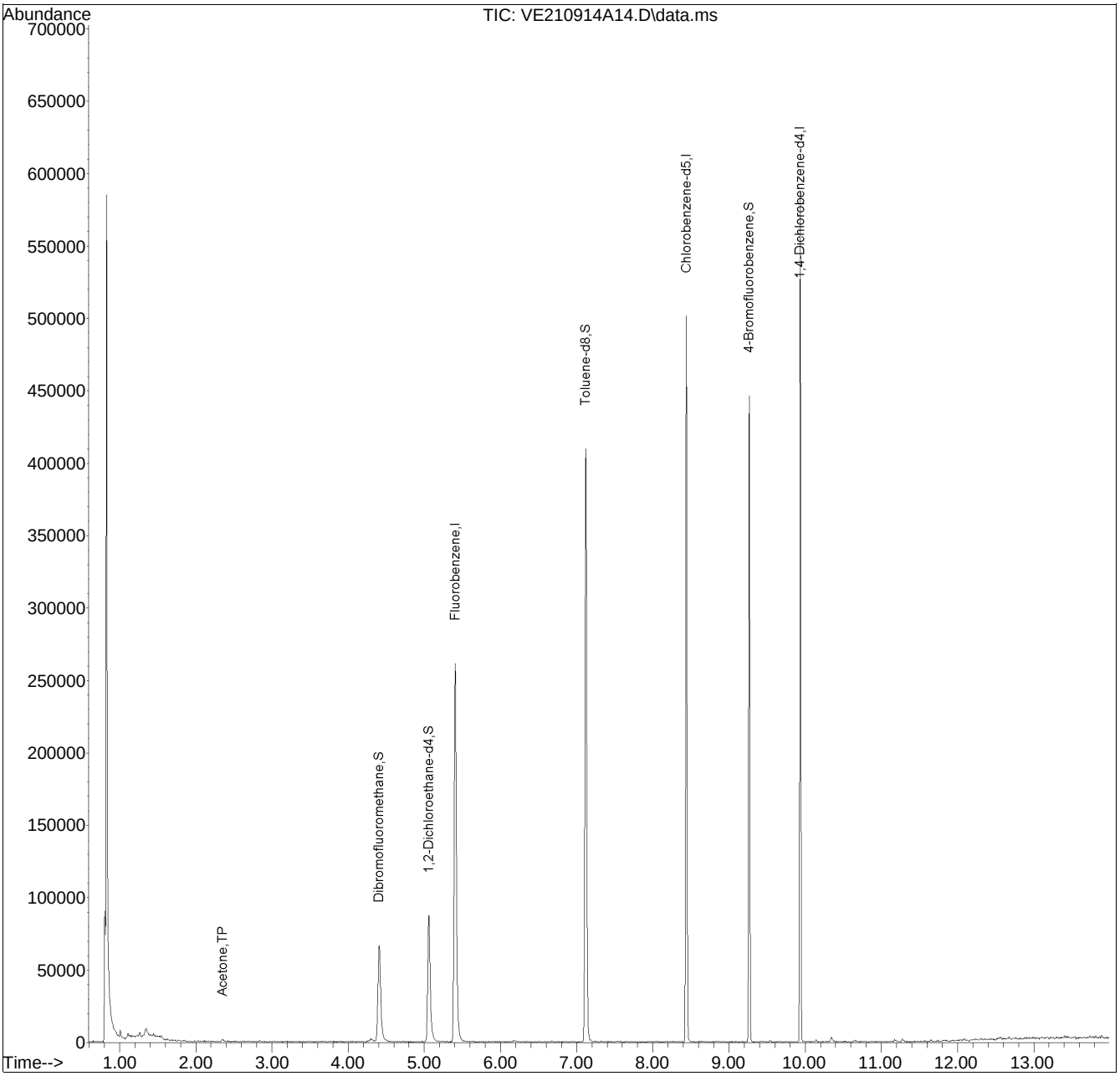
(#) = qualifier out of range (m) = manual integration (+) = signals summed

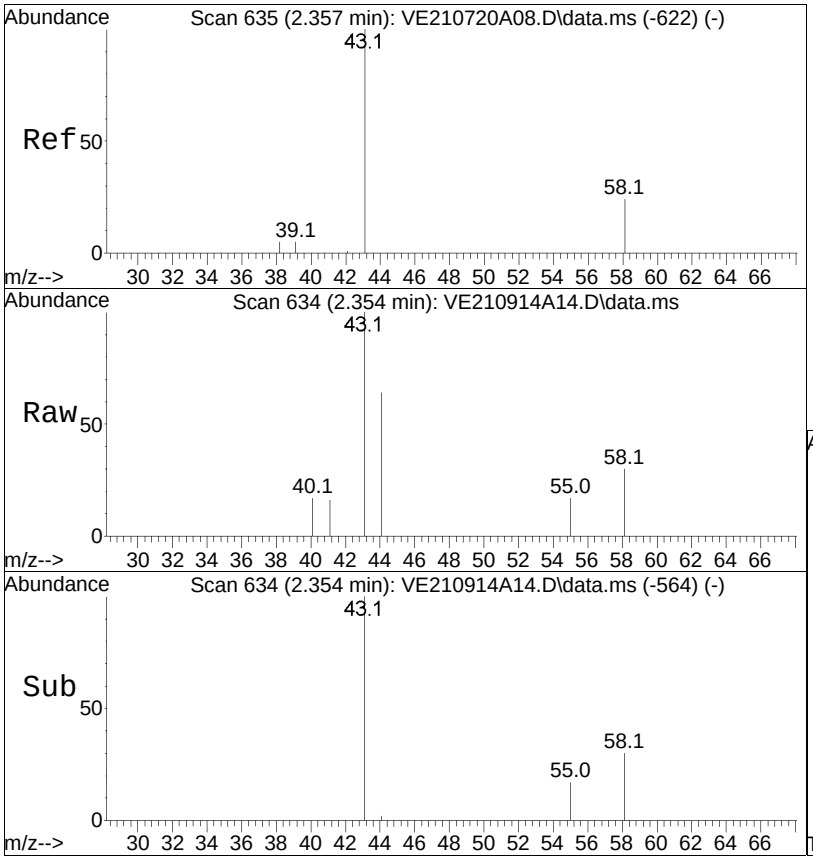
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A14.D
Acq On : 14 Sep 2021 12:47 pm
Operator : ELAINE:PD
Sample : L2148526-02,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 15 11:49:11 2021
Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox10914A\VE210914A02.D•

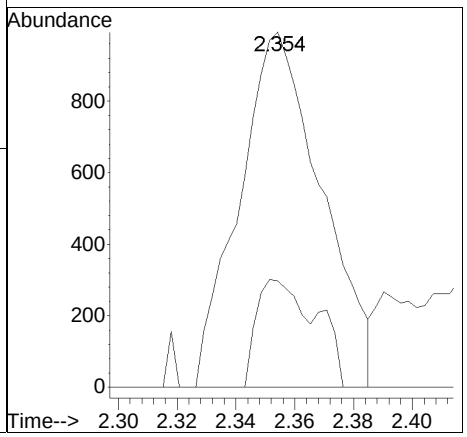




#17
Acetone
Concen: 0.36 ug/L
RT: 2.354 min Scan# 634
Delta R.T. -0.006 min
Lab File: VE210914A14.D
Acq: 14 Sep 2021 12:47 pm

Tgt Ion: 43 Resp: 1933

Ion	Ratio	Lower	Upper
43	100		
58	16.8	24.2	36.4#



Manual Integration Report

Data Path	: I:\VOLATILES\Elaine\2021\2Q	Method	: Elaine_210909A_8260.m
Data File	: VE210914A14.D	Operator	: ELAINE:PD
Date Inj'd	: 9/14/2021 12:47 pm	Instrument	: Elaine
Sample	: L2148526-02,31,10,10,,A,PR	Quant Date	: 9/15/2021 11:35 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A14.D
Acq On : 14 Sep 2021 12:47 pm
Operator : ELAINE:PD
Sample : L2148526-02,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: VE210914A14.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.407	1353	1372	1408	rBV3	66218	171770	26.72%	5.524%
2	5.058	1588	1606	1639	rBV2	87415	201722	31.38%	6.487%
3	5.406	1715	1731	1765	rBV	261186	539204	83.89%	17.339%
4	7.120	2331	2347	2382	rVB	409542	642785	100.00%	20.670%
5	8.439	2808	2821	2845	rBV	501379	573826	89.27%	18.452%
6	9.265	3105	3118	3131	rBV	446145	437388	68.05%	14.065%
7	9.936	3348	3359	3370	rBV	583645	543066	84.49%	17.463%

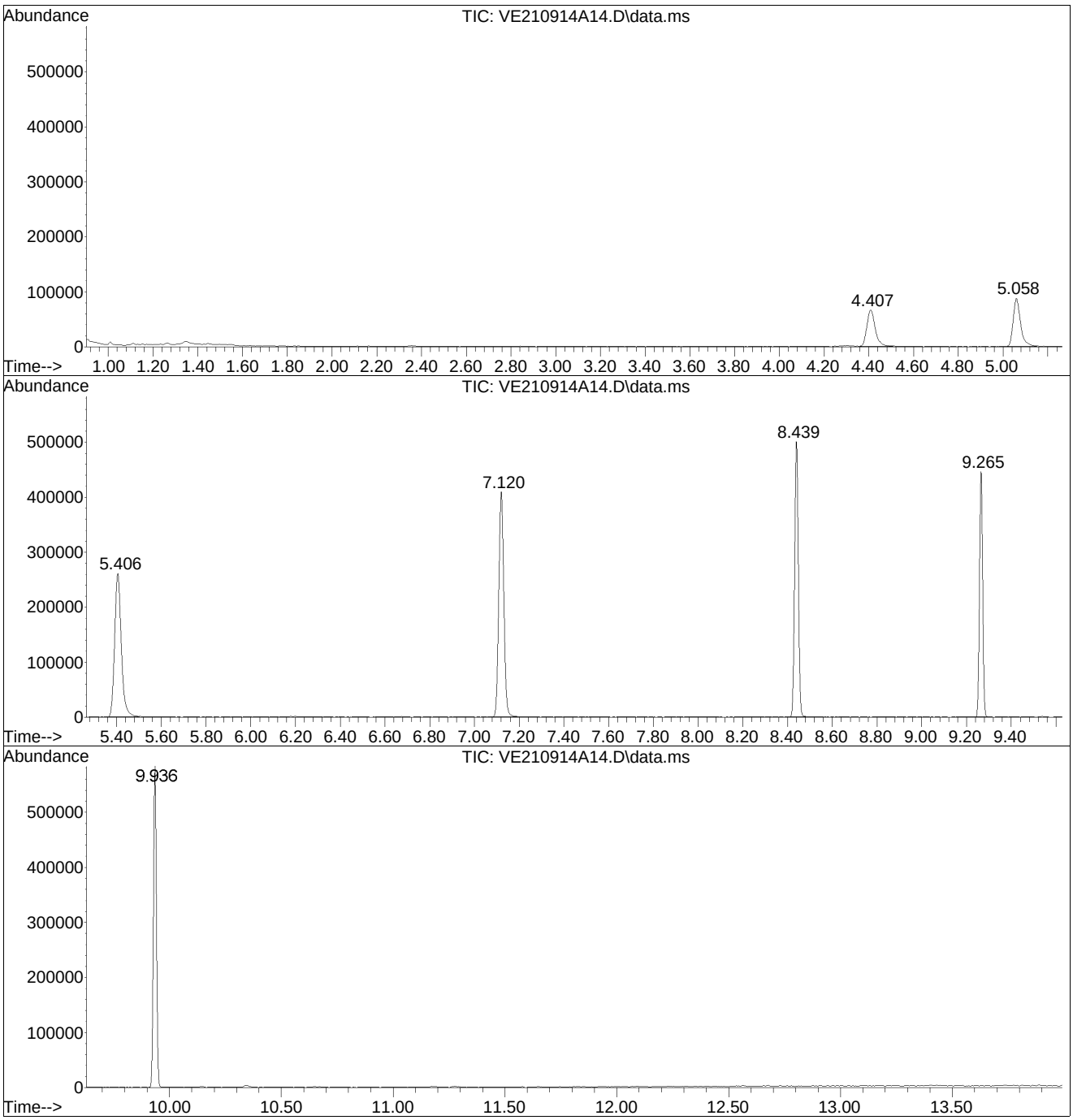
Sum of corrected areas: 3109761

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A14.D
Acq On : 14 Sep 2021 12:47 pm
Operator : ELAINE:PD
Sample : L2148526-02,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A14.D
Acq On : 14 Sep 2021 12:47 pm
Operator : ELAINE:PD
Sample : L2148526-02,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A14.D
Acq On : 14 Sep 2021 12:47 pm
Operator : ELAINE:PD
Sample : L2148526-02,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A15.D
Acq On : 14 Sep 2021 1:07 pm
Operator : ELAINE:PD
Sample : L2148526-03,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 15 11:49:23 2021
Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2021\210914A\VE210914A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.406	96	241457	10.000 ug/L	0.00
Standard Area 1 = 261232			Recovery = 92.43%		
59) Chlorobenzene-d5	8.441	117	166390	10.000 ug/L	0.00
Standard Area 1 = 175761			Recovery = 94.67%		
79) 1,4-Dichlorobenzene-d4	9.936	152	79436	10.000 ug/L	0.00
Standard Area 1 = 84918			Recovery = 93.54%		
System Monitoring Compounds					
36) Dibromofluoromethane	4.407	113	54093	9.834 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.34%		
43) 1,2-Dichloroethane-d4	5.058	65	76141	9.420 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 94.20%		
60) Toluene-d8	7.120	98	224061	9.793 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.93%		
83) 4-Bromofluorobenzene	9.265	95	96300	10.219 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.19%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.921	85	4961	1.183 ug/L	98
3) Chloromethane	1.030	50	147	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	1.297	94	88	N.D.	
6) Chloroethane	0.000		0	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
8) Ethyl ether	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	1.825	76	213	N.D.	
15) Methylene chloride	0.000		0	N.D.	
17) Acetone	0.000		0	N.D. d	
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
20) Methyl tert-butyl ether	0.000		0	N.D.	
23) 1,1-Dichloroethane	0.000		0	N.D.	
25) Acrylonitrile	0.000		0	N.D.	
27) Vinyl acetate	3.442	43	164	N.D.	
28) cis-1,2-Dichloroethene	0.000		0	N.D.	
29) 2,2-Dichloropropane	0.000		0	N.D.	
30) Bromochloromethane	0.000		0	N.D.	
32) Chloroform	0.000		0	N.D.	

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A15.D
Acq On : 14 Sep 2021 1:07 pm
Operator : ELAINE:PD
Sample : L2148526-03,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 15 11:49:23 2021
Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2021\210914A\VE210914A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	4.596	43	86		N.D.	
40) 1,1-Dichloropropene	4.505	75	86		N.D.	
41) Benzene	0.000		0		N.D.	
44) 1,2-Dichloroethane	0.000		0		N.D.	
48) Trichloroethene	0.000		0		N.D.	
50) Dibromomethane	0.000		0		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	0.000		0		N.D.	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	7.173	92	110		N.D.	
62) 4-Methyl-2-pentanone	0.000		0		N.D.	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D.	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	8.261	43	178		N.D.	
73) Chlorobenzene	8.447	112	83		N.D.	
74) Ethylbenzene	8.486	91	27		N.D.	
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	8.600	106	27		N.D.	
77) o Xylene	0.000		0		N.D.	
78) Styrene	0.000		0		N.D.	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	9.265	105	116		N.D.	
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	9.432	91	60		N.D.	
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
88) 4-Ethyltoluene	9.265	105	116		N.D.	
89) 2-Chlorotoluene	9.432	91	60		N.D.	
90) 1,3,5-Trimethylbenzene	0.000		0		N.D.	
91) 1,2,3-Trichloropropane	9.532	75	131		N.D.	
92) trans-1,4-Dichloro-2-b...	9.627	53	60		N.D.	
93) 4-Chlorotoluene	9.432	91	60		N.D.	
94) tert-Butylbenzene	9.666	119	393		N.D.	

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A15.D
Acq On : 14 Sep 2021 1:07 pm
Operator : ELAINE:PD
Sample : L2148526-03,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 15 11:49:23 2021
Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2021\210914A\VE210914A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	9.771	105	4593	0.279	ug/L #	34
98) sec-Butylbenzene	9.771	105	4593	0.226	ug/L	94
99) p-Isopropyltoluene	9.855	119	30	N.D.		
100) 1,3-Dichlorobenzene	9.944	146	252	N.D.		
101) 1,4-Dichlorobenzene	9.944	146	252	N.D.		
102) p-Diethylbenzene	10.255	119	93	N.D.		
103) n-Butylbenzene	10.255	91	637	N.D.		
104) 1,2-Dichlorobenzene	10.183	146	51	N.D.		
105) 1,2,4,5-Tetramethylben...	10.528	119	89	N.D.		
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
108) Hexachlorobutadiene	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
110) Naphthalene	11.213	128	155	N.D.		
111) 1,2,3-Trichlorobenzene	0.000		0	N.D.		

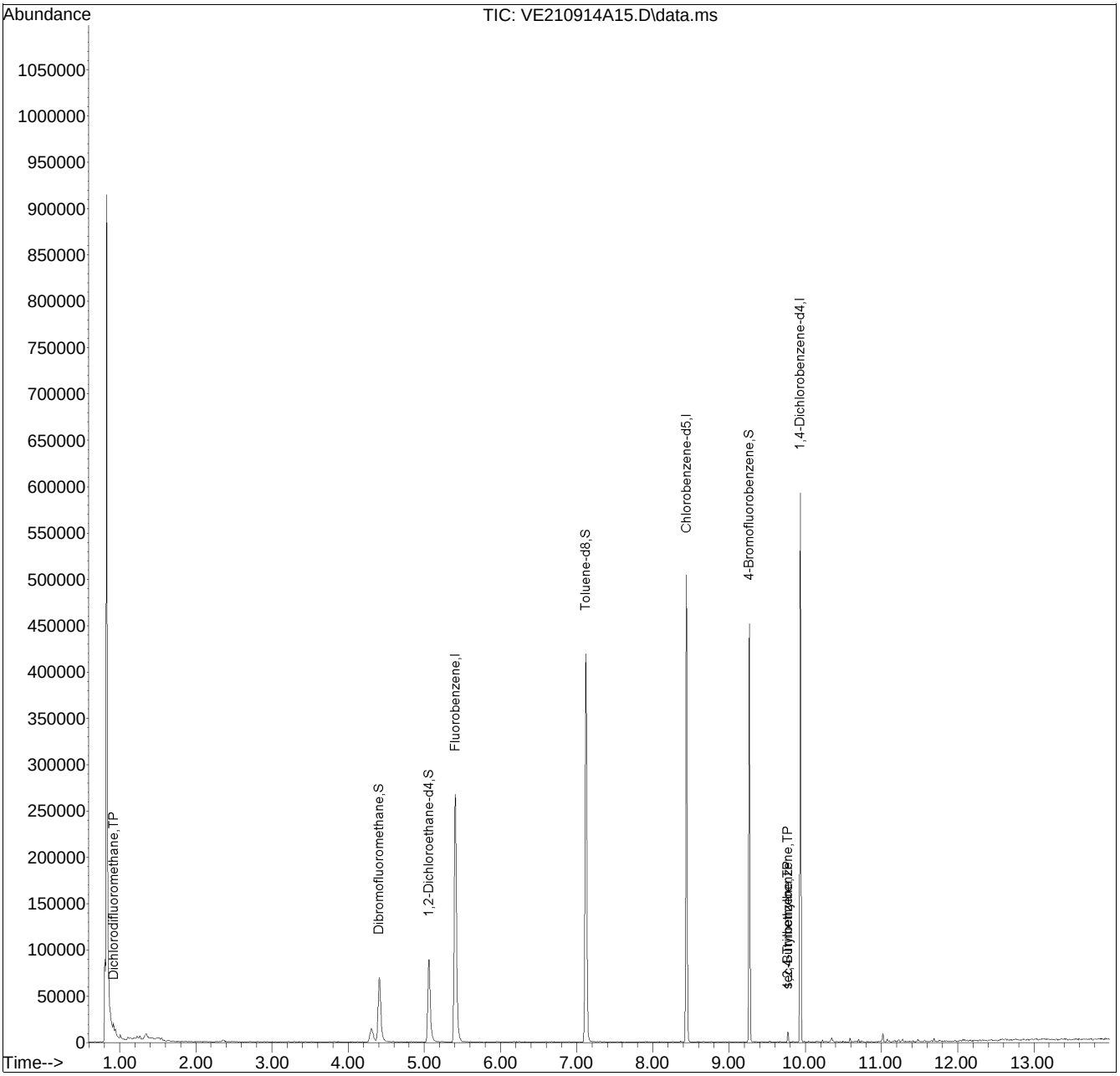
(#) = qualifier out of range (m) = manual integration (+) = signals summed

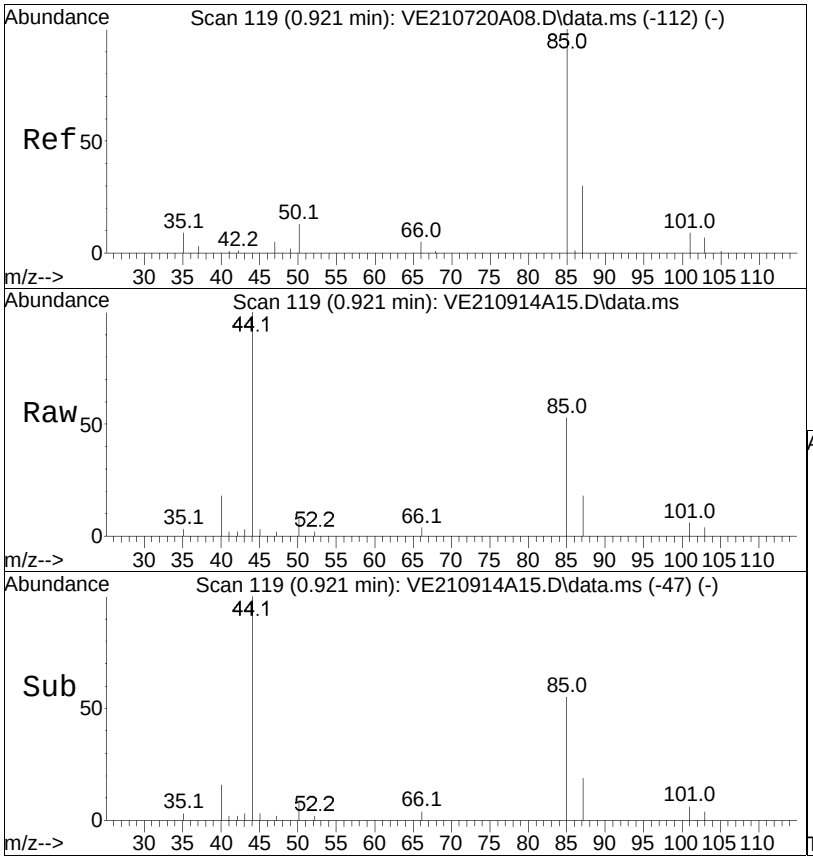
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A15.D
Acq On : 14 Sep 2021 1:07 pm
Operator : ELAINE:PD
Sample : L2148526-03,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 15 11:49:23 2021
Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox10914A\VE210914A02.D•

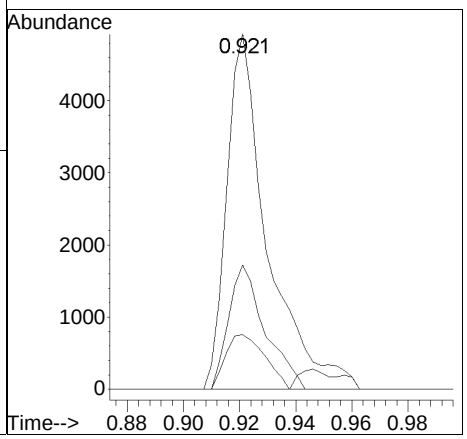


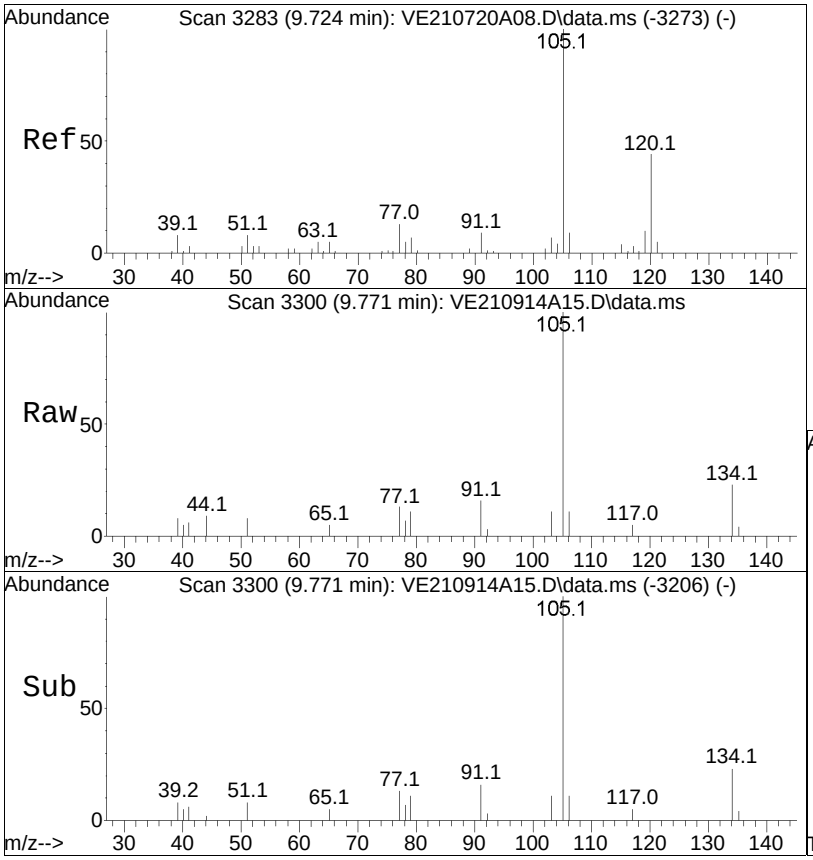


#2
Dichlorodifluoromethane
Concen: 1.18 ug/L
RT: 0.921 min Scan# 119
Delta R.T. 0.000 min
Lab File: VE210914A15.D
Acq: 14 Sep 2021 1:07 pm

Tgt Ion: 85 Resp: 4961

Ion	Ratio	Lower	Upper
85	100		
87	31.4	21.0	43.6
50	14.9	8.9	18.5

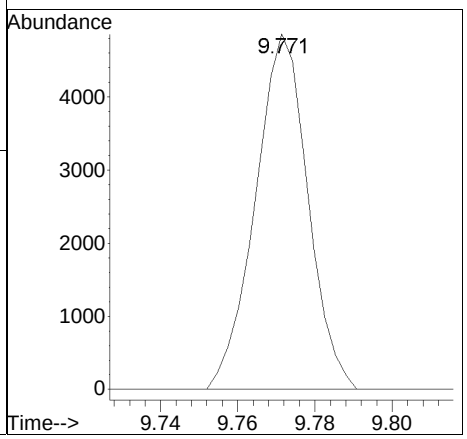


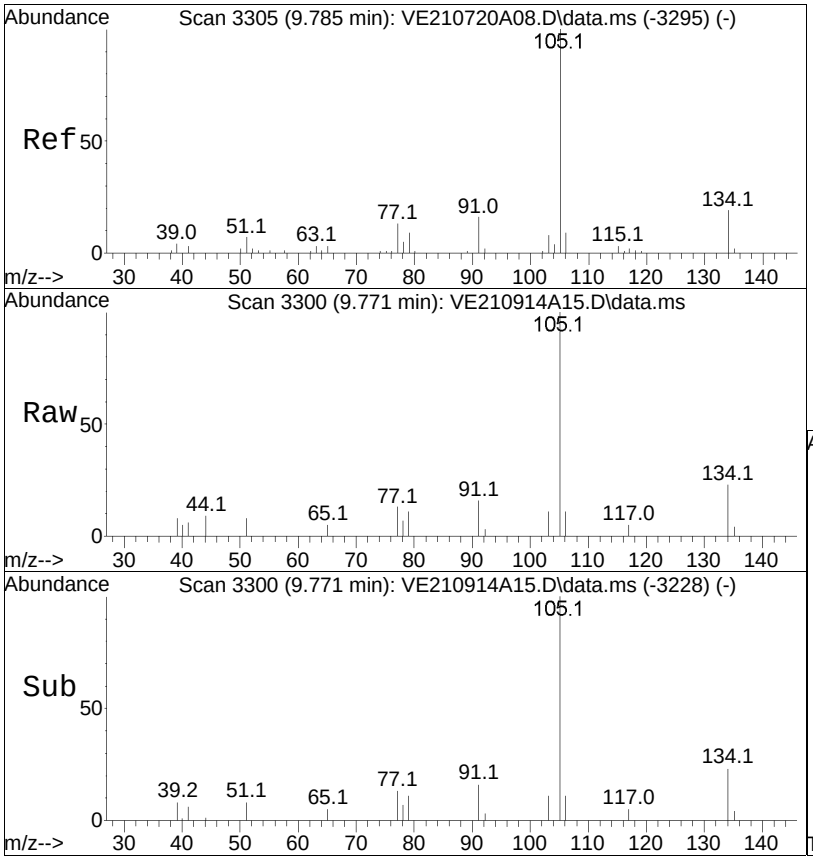


#97
1,2,4-Trimethylbenzene
Concen: 0.28 ug/L
RT: 9.771 min Scan# 3300
Delta R.T. 0.061 min
Lab File: VE210914A15.D
Acq: 14 Sep 2021 1:07 pm

Tgt Ion:105 Resp: 4593

Ion	Ratio	Lower	Upper
105	100		
120	0.0	33.4	50.0#

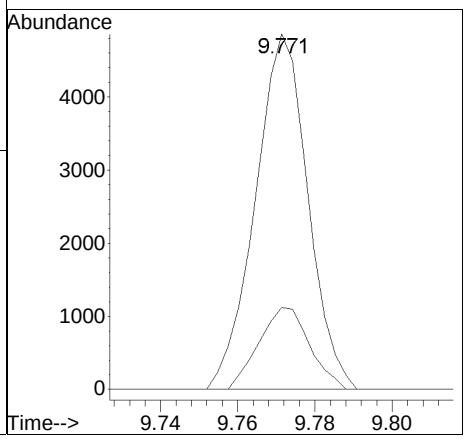




#98
sec-Butylbenzene
Concen: 0.23 ug/L
RT: 9.771 min Scan# 3300
Delta R.T. 0.000 min
Lab File: VE210914A15.D
Acq: 14 Sep 2021 1:07 pm

Tgt Ion:105 Resp: 4593

Ion	Ratio	Lower	Upper
105	100		
134	22.2	12.5	26.1



Manual Integration Report

Data Path	: I:\VOLATILES\Elaine\2021\2Q	Method	: Elaine_210909A_8260.m
Data File	: VE210914A15.D	Operator	: ELAINE:PD
Date Inj'd	: 9/14/2021 1:07 pm	Instrument	: Elaine
Sample	: L2148526-03,31,10,10,,A,PR	Quant Date	: 9/15/2021 11:35 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A15.D
Acq On : 14 Sep 2021 1:07 pm
Operator : ELAINE:PD
Sample : L2148526-03,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: VE210914A15.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.304	1315	1335	1355	rBV4	14951	46024	7.06%	1.432%
2	4.407	1356	1372	1408	rVB2	69443	177244	27.19%	5.514%
3	5.061	1590	1607	1633	rBV3	89372	205642	31.55%	6.397%
4	5.406	1715	1731	1766	rBV	267430	557401	85.51%	17.339%
5	7.120	2328	2347	2372	rBV	419519	651840	100.00%	20.277%
6	8.439	2809	2821	2840	rBV	504201	579612	88.92%	18.030%
7	9.265	3104	3118	3132	rBV	452047	440458	67.57%	13.702%
8	9.936	3350	3359	3371	rBV	592420	556446	85.37%	17.310%

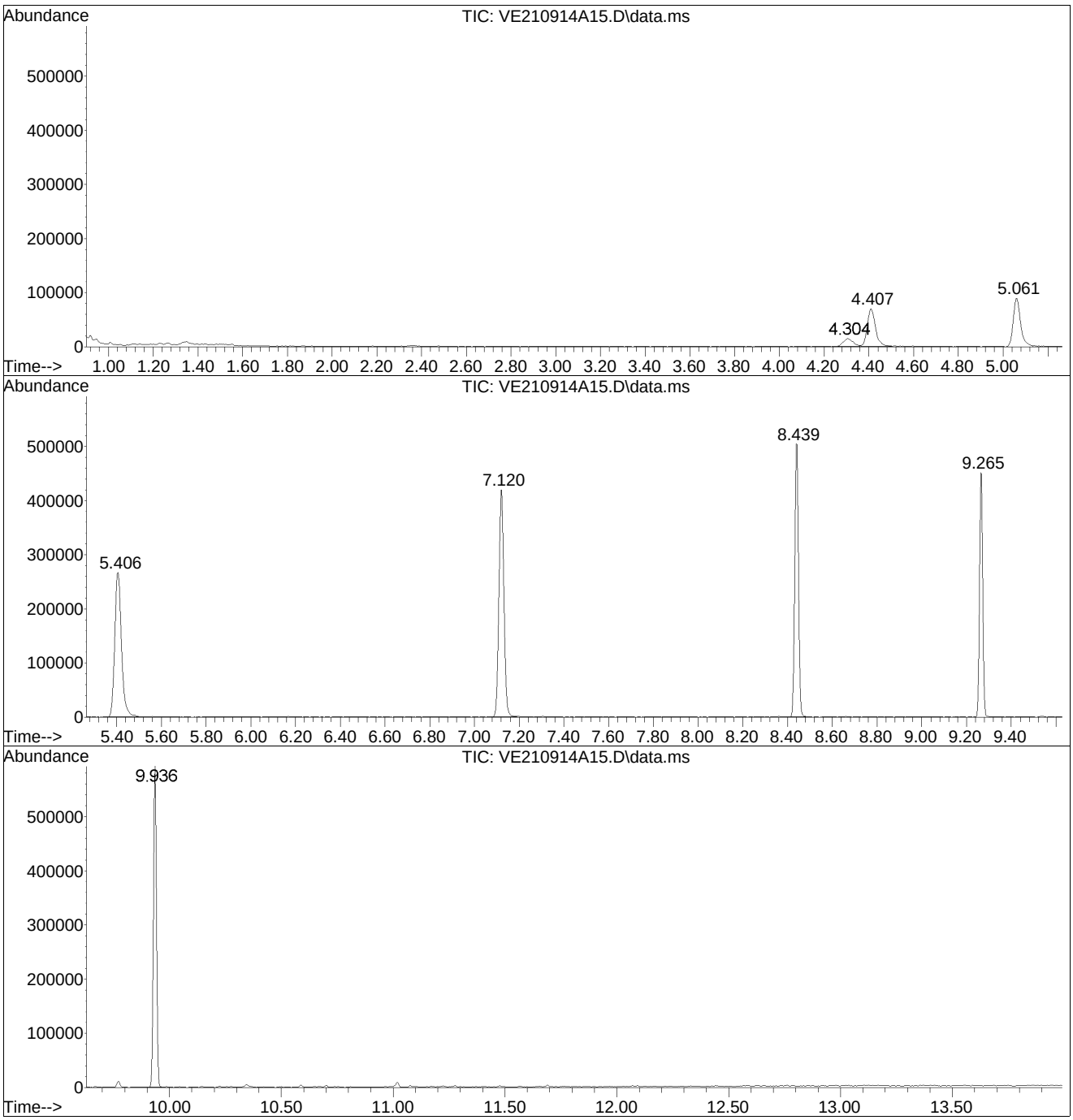
Sum of corrected areas: 3214667

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A15.D
Acq On : 14 Sep 2021 1:07 pm
Operator : ELAINE:PD
Sample : L2148526-03,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A15.D
Acq On : 14 Sep 2021 1:07 pm
Operator : ELAINE:PD
Sample : L2148526-03,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A15.D
Acq On : 14 Sep 2021 1:07 pm
Operator : ELAINE:PD
Sample : L2148526-03,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A16.D
Acq On : 14 Sep 2021 1:27 pm
Operator : ELAINE:PD
Sample : L2148526-04,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 15 11:35:53 2021
Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2021\210914A\VE210914A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.409	96	236299	10.000	ug/L	0.00
Standard Area 1 = 261232			Recovery = 90.46%			
59) Chlorobenzene-d5	8.442	117	162163	10.000	ug/L	0.00
Standard Area 1 = 175761			Recovery = 92.26%			
79) 1,4-Dichlorobenzene-d4	9.936	152	78767	10.000	ug/L	0.00
Standard Area 1 = 84918			Recovery = 92.76%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.410	113	53178	9.879	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.79%			
43) 1,2-Dichloroethane-d4	5.058	65	77684	9.821	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.21%			
60) Toluene-d8	7.120	98	221151	9.918	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.18%			
83) 4-Bromofluorobenzene	9.265	95	94631	10.127	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.27%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.921	85	853	0.208	ug/L	91
3) Chloromethane	1.035	50	378	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	1.294	94	147	N.D.		
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	1.461	101	745	0.120	ug/L	87
8) Ethyl ether	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	0.000		0	N.D.		
15) Methylene chloride	0.000		0	N.D.		
17) Acetone	2.360	43	1801	0.229	ug/L	99
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
25) Acrylonitrile	0.000		0	N.D.		
27) Vinyl acetate	3.403	43	31	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
29) 2,2-Dichloropropane	0.000		0	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
32) Chloroform	0.000		0	N.D.		

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A16.D
Acq On : 14 Sep 2021 1:27 pm
Operator : ELAINE:PD
Sample : L2148526-04,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 15 11:35:53 2021
Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2021\210914A\VE210914A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	4.608	43	62		N.D.	
40) 1,1-Dichloropropene	0.000		0		N.D.	
41) Benzene	0.000		0		N.D.	
44) 1,2-Dichloroethane	5.153	62	26		N.D.	
48) Trichloroethene	5.504	95	55		N.D.	
50) Dibromomethane	0.000		0		N.D.	
51) 1,2-Dichloropropane	6.113	63	25		N.D.	
54) Bromodichloromethane	0.000		0		N.D.	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	0.000		0		N.D.	
62) 4-Methyl-2-pentanone	0.000		0		N.D.	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D.	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	8.297	43	90		N.D.	
73) Chlorobenzene	0.000		0		N.D.	
74) Ethylbenzene	8.439	91	460		N.D.	
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	0.000		0		N.D.	
77) o Xylene	0.000		0		N.D.	
78) Styrene	0.000		0		N.D.	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	0.000		0		N.D.	
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	9.265	91	402		N.D.	
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
88) 4-Ethyltoluene	9.424	105	51		N.D.	
89) 2-Chlorotoluene	9.265	91	402		N.D.	
90) 1,3,5-Trimethylbenzene	9.424	105	51		N.D.	
91) 1,2,3-Trichloropropane	0.000		0		N.D.	
92) trans-1,4-Dichloro-2-b...	0.000		0		N.D.	
93) 4-Chlorotoluene	0.000		0		N.D.	
94) tert-Butylbenzene	0.000		0		N.D.	

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A16.D
Acq On : 14 Sep 2021 1:27 pm
Operator : ELAINE:PD
Sample : L2148526-04,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 15 11:35:53 2021
Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2021\210914A\VE210914A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	9.716	105	56		N.D.	
98) sec-Butylbenzene	9.777	105	54		N.D.	
99) p-Isopropyltoluene	9.861	119	59		N.D.	
100) 1,3-Dichlorobenzene	0.000		0		N.D.	
101) 1,4-Dichlorobenzene	0.000		0		N.D.	
102) p-Diethylbenzene	0.000		0		N.D.	
103) n-Butylbenzene	10.075	91	57		N.D.	
104) 1,2-Dichlorobenzene	0.000		0		N.D.	
105) 1,2,4,5-Tetramethylben...	0.000		0		N.D.	
106) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
108) Hexachlorobutadiene	0.000		0		N.D.	
109) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
110) Naphthalene	11.199	128	131		N.D.	
111) 1,2,3-Trichlorobenzene	0.000		0		N.D.	

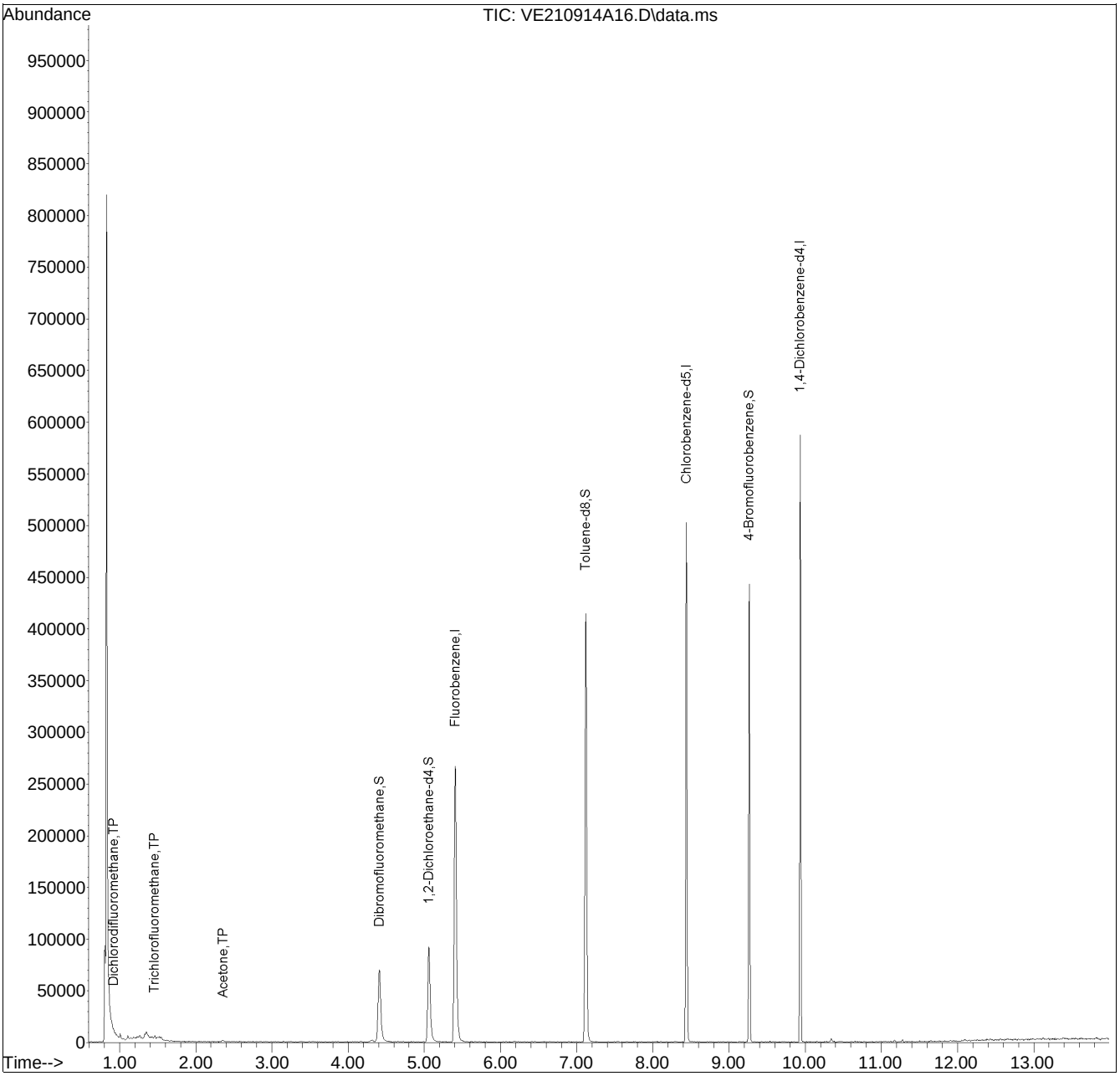
(#) = qualifier out of range (m) = manual integration (+) = signals summed

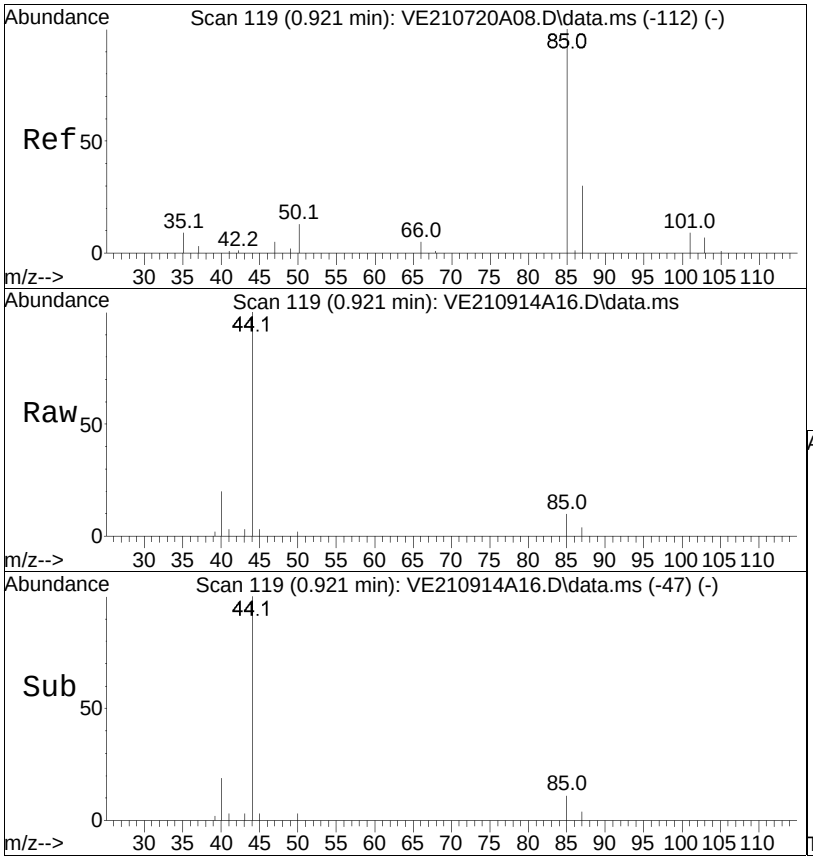
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A16.D
Acq On : 14 Sep 2021 1:27 pm
Operator : ELAINE:PD
Sample : L2148526-04,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 15 11:35:53 2021
Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox10914A\VE210914A02.D•

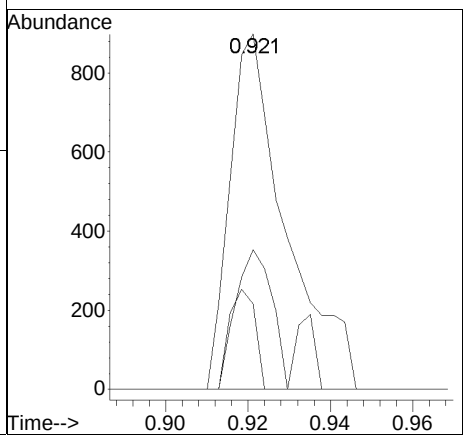


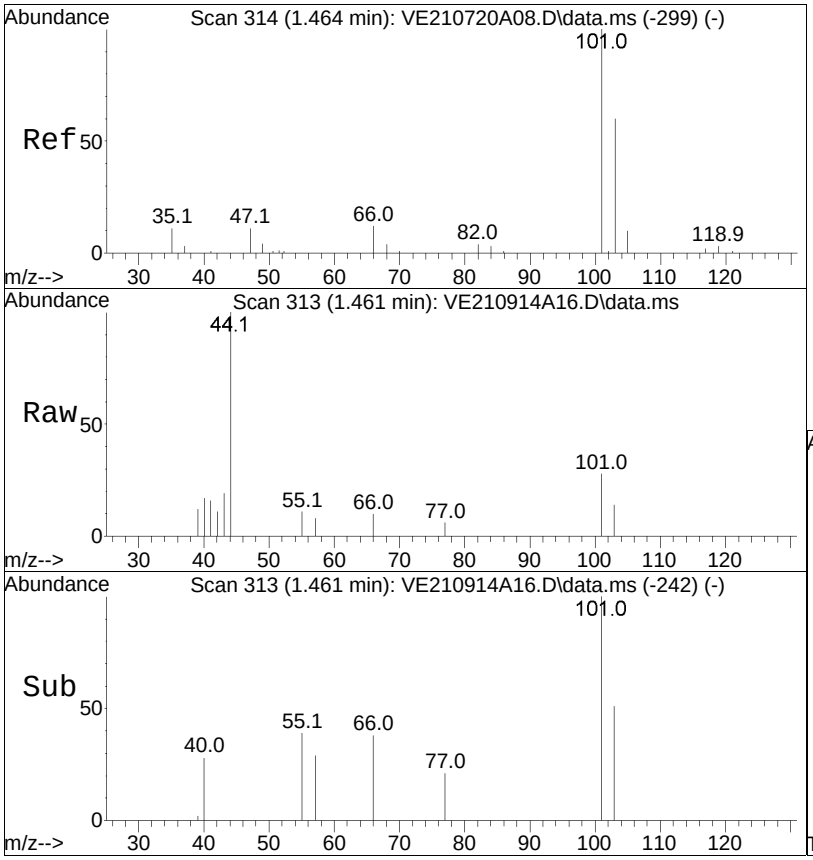


#2
Dichlorodifluoromethane
Concen: 0.21 ug/L
RT: 0.921 min Scan# 119
Delta R.T. 0.000 min
Lab File: VE210914A16.D
Acq: 14 Sep 2021 1:27 pm

Tgt Ion: 85 Resp: 853

Ion	Ratio	Lower	Upper
85	100		
87	25.4	21.0	43.6
50	13.0	8.9	18.5

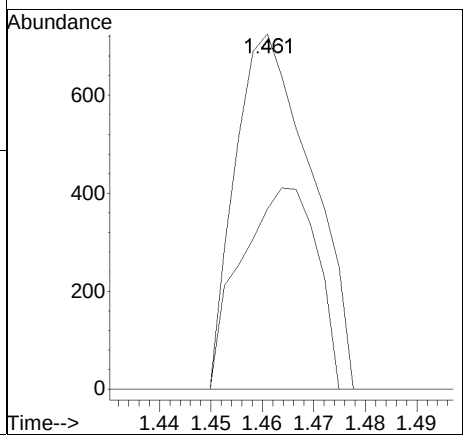


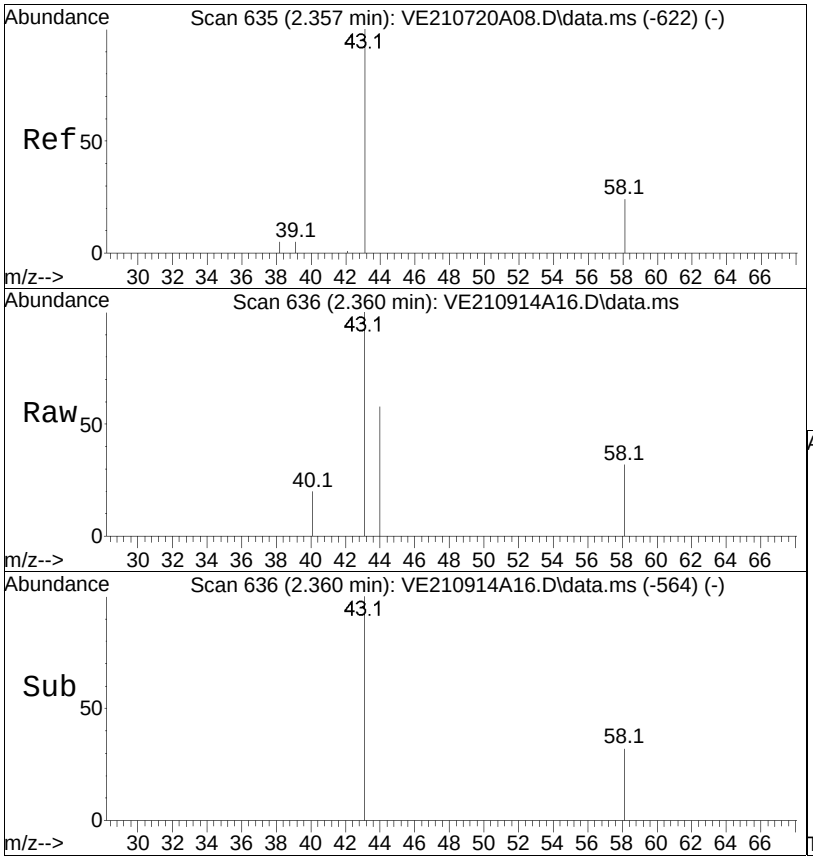


#7
Trichlorofluoromethane
Concen: 0.12 ug/L
RT: 1.461 min Scan# 313
Delta R.T. -0.003 min
Lab File: VE210914A16.D
Acq: 14 Sep 2021 1:27 pm

Tgt Ion:101 Resp: 745

Ion	Ratio	Lower	Upper
101	100		
103	56.5	53.8	80.6

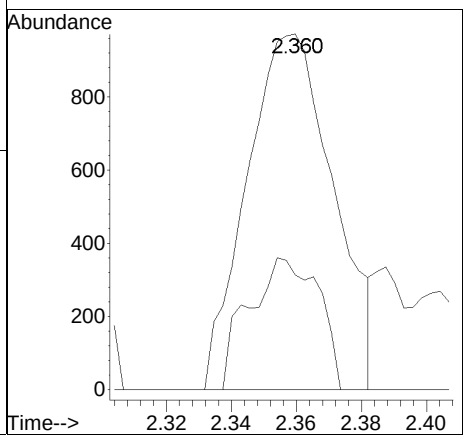




#17
Acetone
Concen: 0.23 ug/L
RT: 2.360 min Scan# 636
Delta R.T. -0.000 min
Lab File: VE210914A16.D
Acq: 14 Sep 2021 1:27 pm

Tgt Ion: 43 Resp: 1801

Ion	Ratio	Lower	Upper
43	100		
58	29.8	24.2	36.4



Manual Integration Report

Data Path	: I:\VOLATILES\Elaine\2021\2Q	Method	: Elaine_210909A_8260.m
Data File	: VE210914A16.D	Operator	: ELAINE:PD
Date Inj'd	: 9/14/2021 1:27 pm	Instrument	: Elaine
Sample	: L2148526-04,31,10,10,,A,PR	Quant Date	: 9/15/2021 11:35 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A16.D
Acq On : 14 Sep 2021 1:27 pm
Operator : ELAINE:PD
Sample : L2148526-04,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: VE210914A16.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.410	1352	1373	1408	rBV3	69817	176526	27.49%	5.641%
2	5.058	1590	1606	1634	rBV	91745	206201	32.12%	6.589%
3	5.406	1711	1731	1762	rBV2	267204	550783	85.79%	17.600%
4	7.120	2333	2347	2370	rBV	414543	642033	100.00%	20.516%
5	8.439	2809	2821	2842	rBV	502859	569820	88.75%	18.209%
6	9.265	3107	3118	3133	rVB	443430	434554	67.68%	13.886%
7	9.936	3346	3359	3369	rBV	587200	549474	85.58%	17.558%

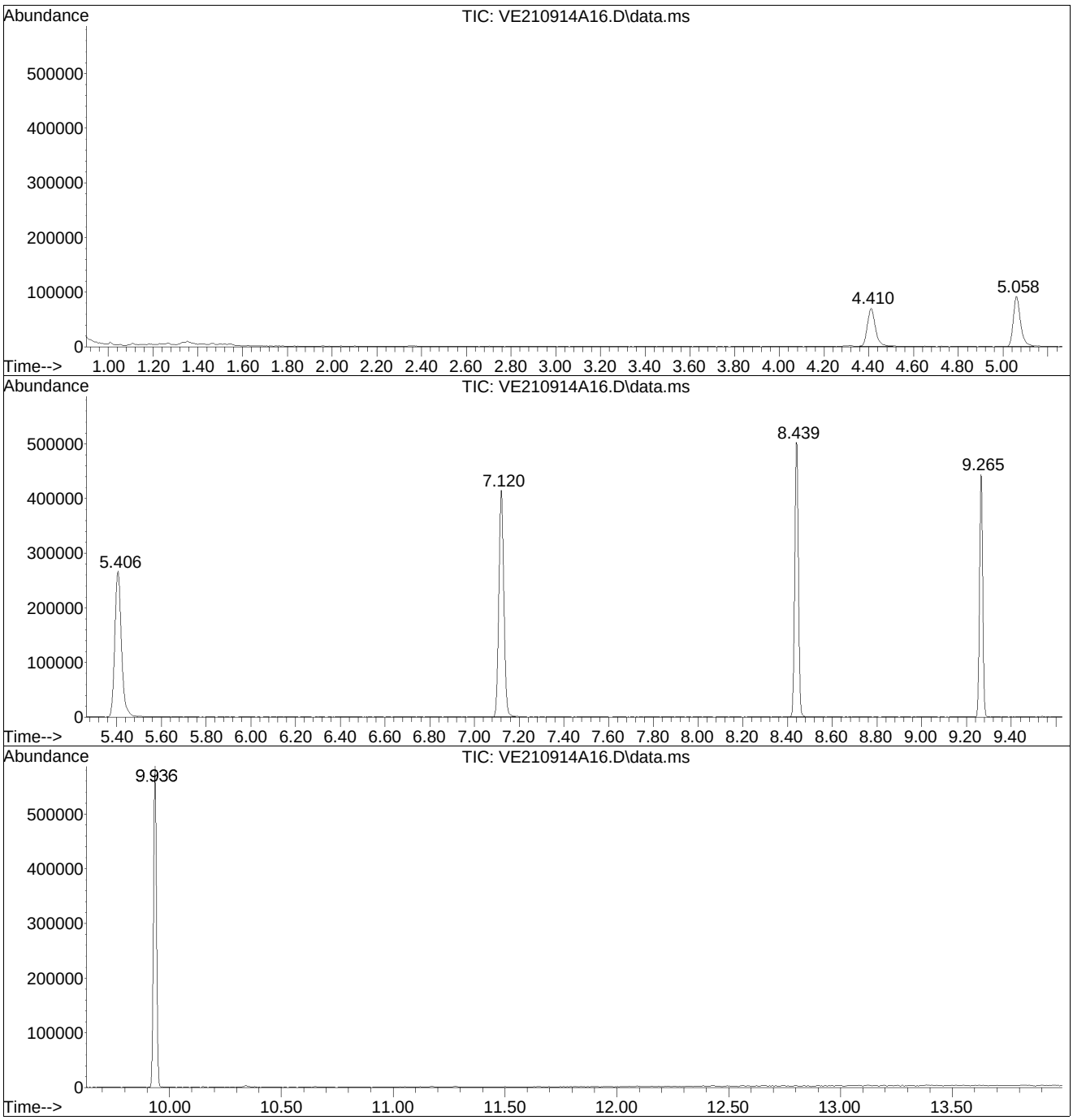
Sum of corrected areas: 3129391

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A16.D
Acq On : 14 Sep 2021 1:27 pm
Operator : ELAINE:PD
Sample : L2148526-04,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A16.D
Acq On : 14 Sep 2021 1:27 pm
Operator : ELAINE:PD
Sample : L2148526-04,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A16.D
Acq On : 14 Sep 2021 1:27 pm
Operator : ELAINE:PD
Sample : L2148526-04,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A17.D
Acq On : 14 Sep 2021 1:48 pm
Operator : ELAINE:PD
Sample : L2148526-05,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 15 11:49:52 2021
Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2021\210914A\VE210914A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.406	96	237662	10.000 ug/L	0.00
Standard Area 1 = 261232			Recovery = 90.98%		
59) Chlorobenzene-d5	8.439	117	164830	10.000 ug/L	0.00
Standard Area 1 = 175761			Recovery = 93.78%		
79) 1,4-Dichlorobenzene-d4	9.936	152	79492	10.000 ug/L	0.00
Standard Area 1 = 84918			Recovery = 93.61%		
System Monitoring Compounds					
36) Dibromofluoromethane	4.410	113	55448	10.242 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.42%		
43) 1,2-Dichloroethane-d4	5.061	65	75303	9.465 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 94.65%		
60) Toluene-d8	7.120	98	219932	9.703 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.03%		
83) 4-Bromofluorobenzene	9.265	95	96631	10.247 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.47%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.807	85	264	N.D.	
3) Chloromethane	0.000		0	N.D. d	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	1.289	94	55	N.D.	
6) Chloroethane	0.000		0	N.D. d	
7) Trichlorofluoromethane	0.000		0	N.D.	
8) Ethyl ether	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	1.823	76	1069	0.107 ug/L #	76
15) Methylene chloride	0.000		0	N.D.	
17) Acetone	2.351	43	10064	7.099 ug/L #	88
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
20) Methyl tert-butyl ether	0.000		0	N.D.	
23) 1,1-Dichloroethane	0.000		0	N.D.	
25) Acrylonitrile	0.000		0	N.D.	
27) Vinyl acetate	3.434	43	51	N.D.	
28) cis-1,2-Dichloroethene	0.000		0	N.D.	
29) 2,2-Dichloropropane	0.000		0	N.D.	
30) Bromochloromethane	0.000		0	N.D.	
32) Chloroform	0.000		0	N.D.	

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A17.D
Acq On : 14 Sep 2021 1:48 pm
Operator : ELAINE:PD
Sample : L2148526-05,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 15 11:49:52 2021
Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2021\210914A\VE210914A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0	N.D.		
37) 1,1,1-Trichloroethane	0.000		0	N.D.		
39) 2-Butanone	0.000		0	N.D.	d	
40) 1,1-Dichloropropene	4.477	75	327	N.D.		
41) Benzene	4.878	78	186	N.D.		
44) 1,2-Dichloroethane	5.148	62	27	N.D.		
48) Trichloroethene	0.000		0	N.D.		
50) Dibromomethane	0.000		0	N.D.		
51) 1,2-Dichloropropane	0.000		0	N.D.		
54) Bromodichloromethane	0.000		0	N.D.		
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	0.000		0	N.D.		
61) Toluene	7.170	92	395	N.D.		
62) 4-Methyl-2-pentanone	0.000		0	N.D.		
63) Tetrachloroethene	7.532	166	26	N.D.		
65) trans-1,3-Dichloropropene	0.000		0	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D.		
69) Chlorodibromomethane	0.000		0	N.D.		
70) 1,3-Dichloropropane	0.000		0	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.		
72) 2-Hexanone	0.000		0	N.D.	d	
73) Chlorobenzene	0.000		0	N.D.		
74) Ethylbenzene	8.489	91	290	N.D.		
75) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
76) p/m Xylene	8.603	106	440	N.D.		
77) o Xylene	8.890	106	273	N.D.		
78) Styrene	0.000		0	N.D.		
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	9.262	105	51	N.D.		
84) Bromobenzene	0.000		0	N.D.		
85) n-Propylbenzene	9.360	91	129	N.D.		
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
88) 4-Ethyltoluene	9.418	105	450	N.D.		
89) 2-Chlorotoluene	9.360	91	129	N.D.		
90) 1,3,5-Trimethylbenzene	9.418	105	450	N.D.		
91) 1,2,3-Trichloropropane	0.000		0	N.D.		
92) trans-1,4-Dichloro-2-b...	9.521	53	81	N.D.		
93) 4-Chlorotoluene	9.594	91	26	N.D.		
94) tert-Butylbenzene	9.708	119	96	N.D.		

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A17.D
Acq On : 14 Sep 2021 1:48 pm
Operator : ELAINE:PD
Sample : L2148526-05,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 15 11:49:52 2021
Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2021\210914A\VE210914A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	9.708	105	520		N.D.	
98) sec-Butylbenzene	9.774	105	51		N.D.	
99) p-Isopropyltoluene	9.863	119	52		N.D.	
100) 1,3-Dichlorobenzene	9.947	146	54		N.D.	
101) 1,4-Dichlorobenzene	9.947	146	54		N.D.	
102) p-Diethylbenzene	0.000		0		N.D.	
103) n-Butylbenzene	10.103	91	112		N.D.	
104) 1,2-Dichlorobenzene	0.000		0		N.D.	
105) 1,2,4,5-Tetramethylben...	10.526	119	26		N.D.	
106) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
108) Hexachlorobutadiene	0.000		0		N.D.	
109) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
110) Naphthalene	11.196	128	557		N.D.	
111) 1,2,3-Trichlorobenzene	0.000		0		N.D.	

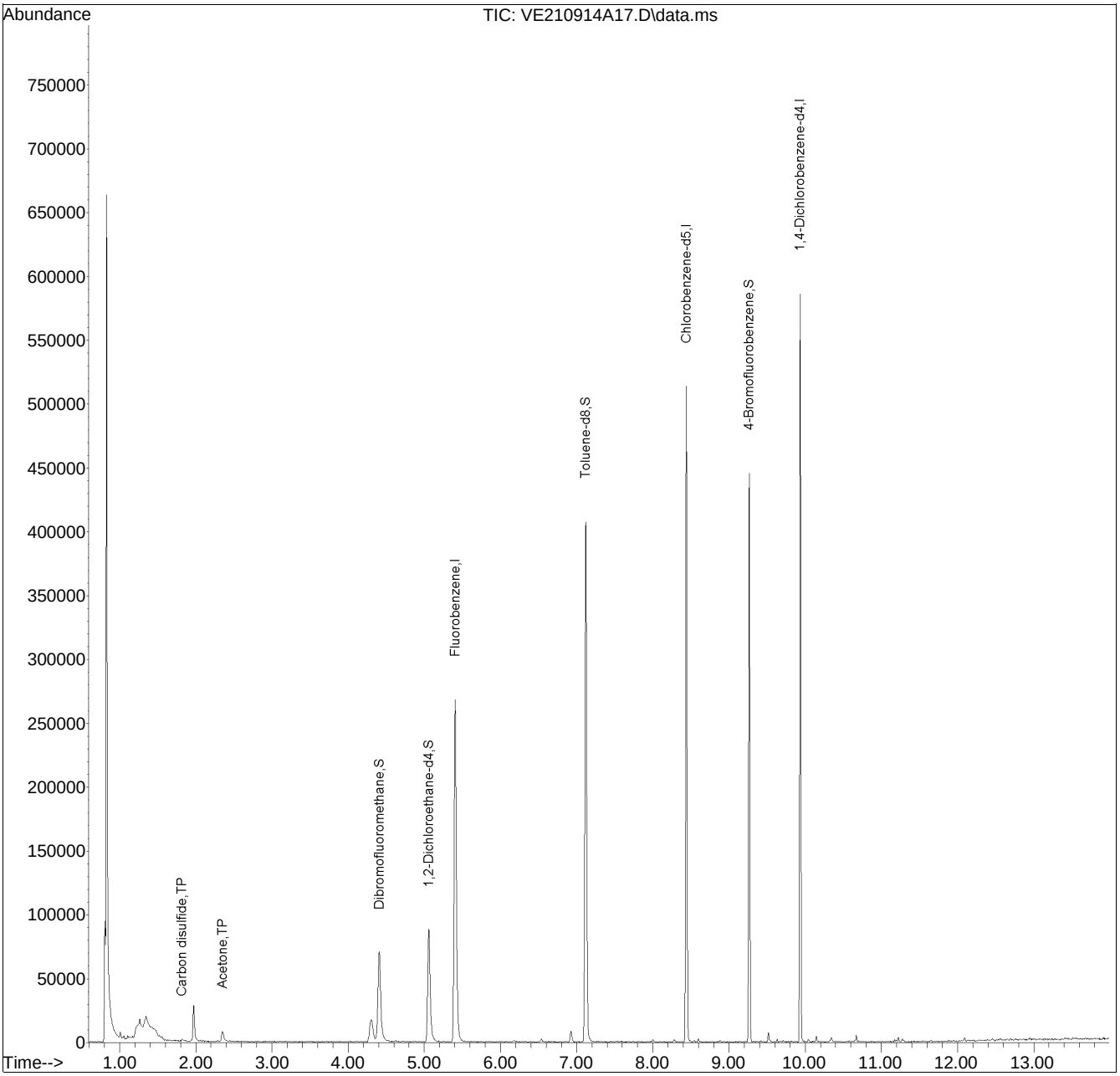
(#) = qualifier out of range (m) = manual integration (+) = signals summed

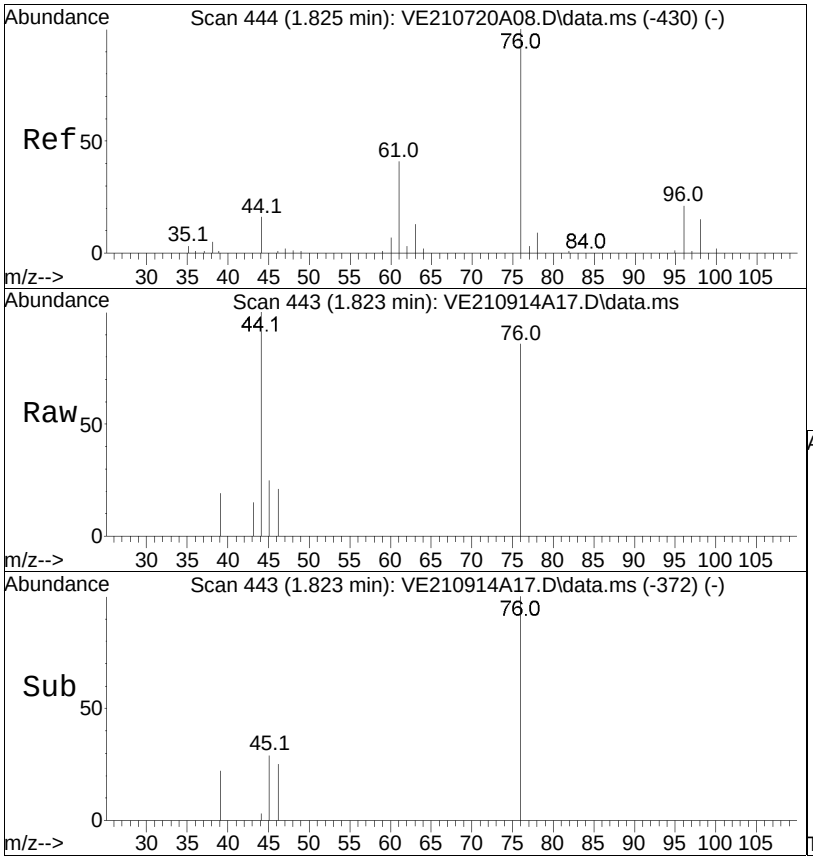
Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A17.D
Acq On : 14 Sep 2021 1:48 pm
Operator : ELAINE:PD
Sample : L2148526-05,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 15 11:49:52 2021
Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox10914A\VE210914A02.D•

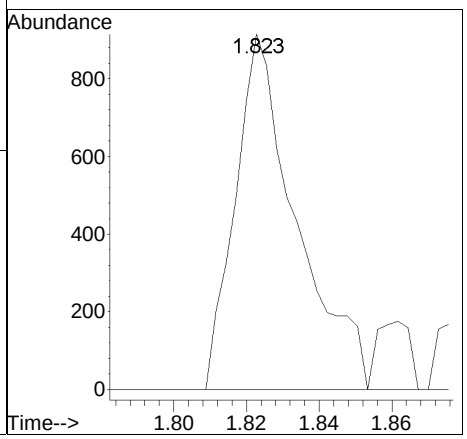


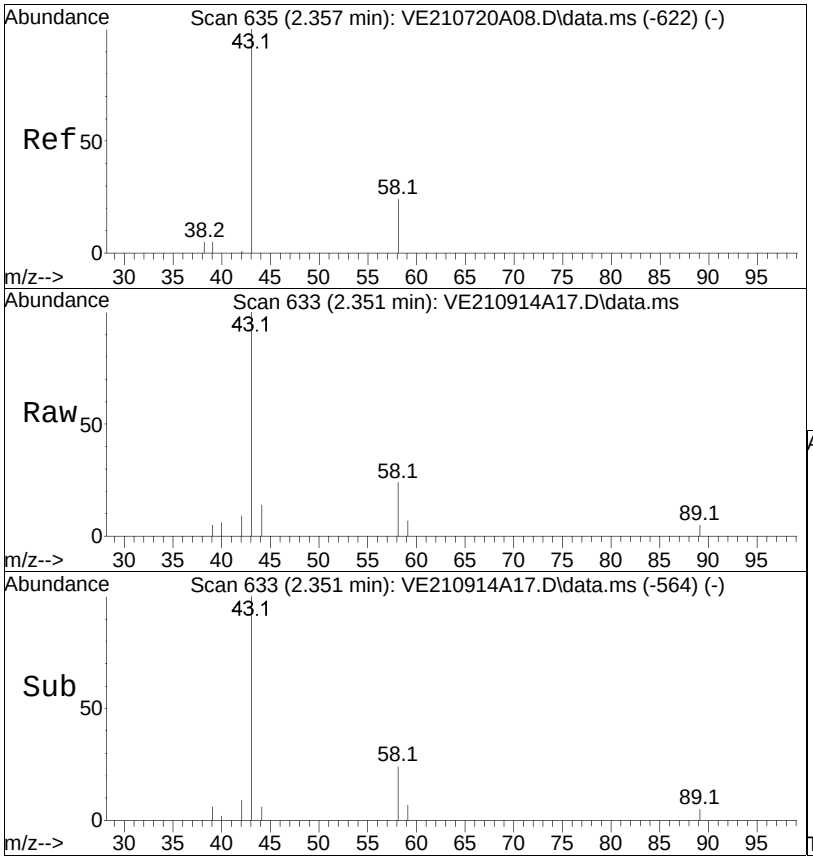


#11
Carbon disulfide
Concen: 0.11 ug/L
RT: 1.823 min Scan# 443
Delta R.T. -0.002 min
Lab File: VE210914A17.D
Acq: 14 Sep 2021 1:48 pm

Tgt Ion: 76 Resp: 1069

Ion	Ratio	Lower	Upper
76	100		
78	0.0	5.7	11.7#

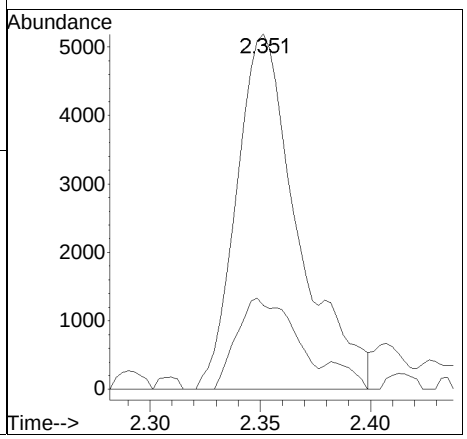




#17
Acetone
Concen: 7.10 ug/L
RT: 2.351 min Scan# 633
Delta R.T. -0.009 min
Lab File: VE210914A17.D
Acq: 14 Sep 2021 1:48 pm

Tgt Ion: 43 Resp: 10064

Ion	Ratio	Lower	Upper
43	100		
58	23.9	24.2	36.4#



Manual Integration Report

Data Path	: I:\VOLATILES\Elaine\2021\2Q	Method	: Elaine_210909A_8260.m
Data File	: VE210914A17.D	Operator	: ELAINE:PD
Date Inj'd	: 9/14/2021 1:48 pm	Instrument	: Elaine
Sample	: L2148526-05,31,10,10,,A,PR	Quant Date	: 9/15/2021 11:35 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A17.D
Acq On : 14 Sep 2021 1:48 pm
Operator : ELAINE:PD
Sample : L2148526-05,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: VE210914A17.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.973	488	497	520	rVB2	27809	40683	6.26%	1.246%
2	4.304	1314	1335	1352	rBV2	17730	56768	8.74%	1.738%
3	4.407	1355	1372	1406	rVB3	70157	181933	28.01%	5.571%
4	5.058	1586	1606	1635	rBV2	88261	204800	31.53%	6.271%
5	5.406	1712	1731	1760	rBV	268191	550846	84.80%	16.867%
6	7.120	2327	2347	2379	rBV	407647	649598	100.00%	19.891%
7	8.439	2809	2821	2836	rBV	514003	579953	89.28%	17.759%
8	9.265	3107	3118	3132	rVB	445604	444704	68.46%	13.617%
9	9.936	3347	3359	3372	rBV	586081	556464	85.66%	17.039%

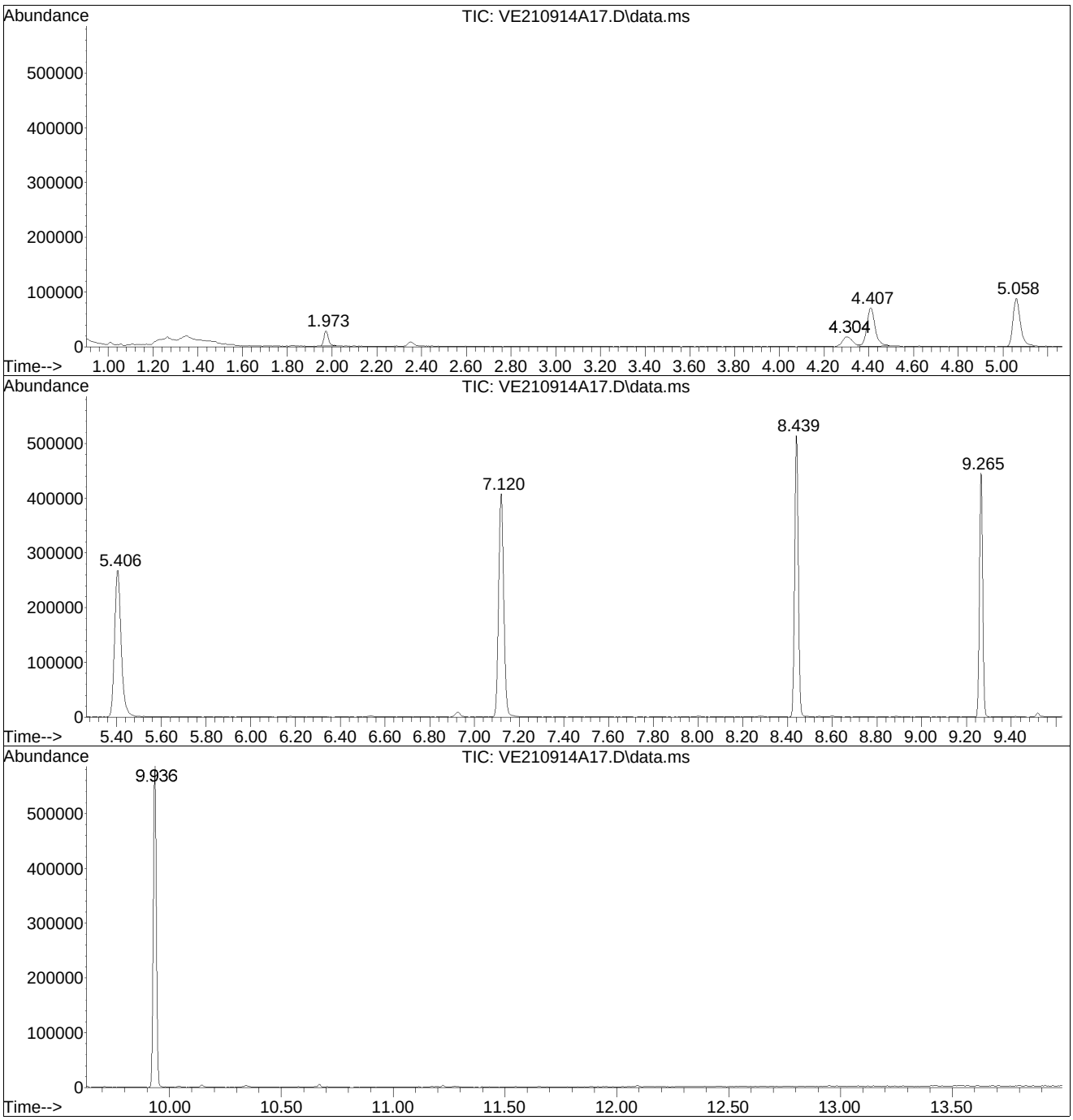
Sum of corrected areas: 3265749

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A17.D
Acq On : 14 Sep 2021 1:48 pm
Operator : ELAINE:PD
Sample : L2148526-05,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A17.D
Acq On : 14 Sep 2021 1:48 pm
Operator : ELAINE:PD
Sample : L2148526-05,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS

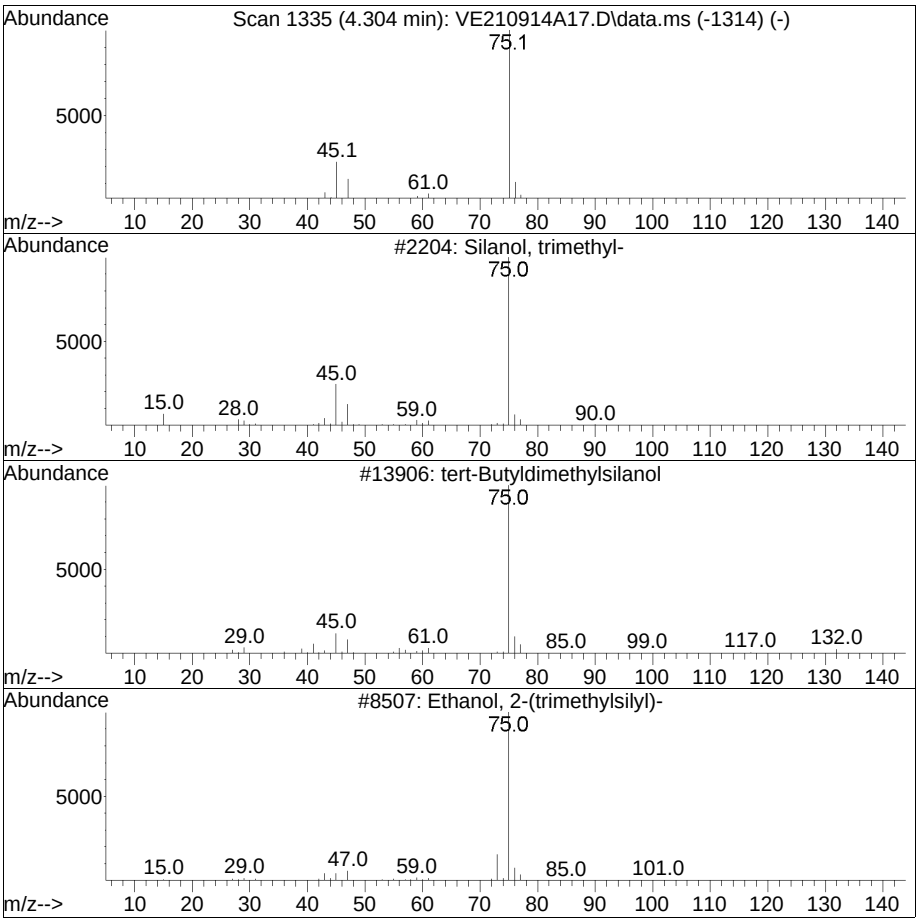
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

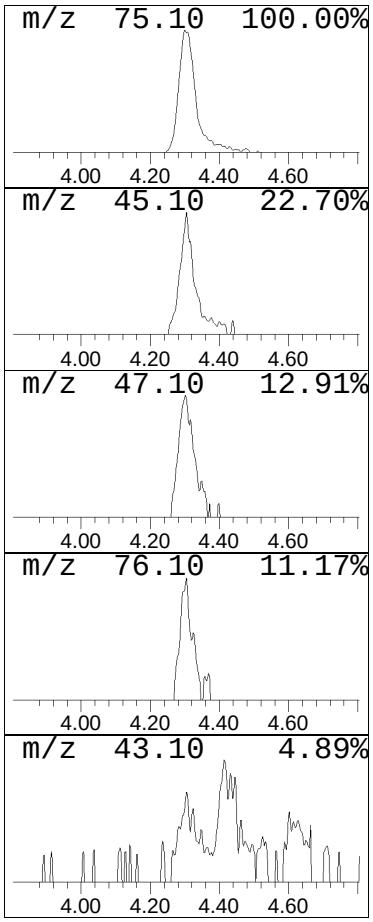
****

Peak Number 1 Unknown Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.304	1.03 ug/L	56768	Fluorobenzene	5.406

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silanol, trimethyl-	90	C3H10OSi	001066-40-6	83
2	tert-Butyldimethylsilanol	132	C6H16OSi	018173-64-3	9
3	Ethanol, 2-(trimethylsilyl)-	118	C5H14OSi	002916-68-9	9
4	Ethanethioamide	75	C2H5NS	000062-55-5	5
5	Formamide, N-methylthio	75	C2H5NS	018952-41-5	4





Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A17.D
Acq On : 14 Sep 2021 1:48 pm
Operator : ELAINE:PD
Sample : L2148526-05,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Unknown	4.304	1.0	ug/L	56768	1	5.406	550846	10.0

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A18.D
Acq On : 14 Sep 2021 2:09 pm
Operator : ELAINE:PD
Sample : L2148526-06,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 15 11:50:03 2021
Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2021\210914A\VE210914A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.406	96	236460	10.000 ug/L	0.00
Standard Area 1 = 261232			Recovery = 90.52%		
59) Chlorobenzene-d5	8.439	117	162814	10.000 ug/L	0.00
Standard Area 1 = 175761			Recovery = 92.63%		
79) 1,4-Dichlorobenzene-d4	9.936	152	78583	10.000 ug/L	0.00
Standard Area 1 = 84918			Recovery = 92.54%		
System Monitoring Compounds					
36) Dibromofluoromethane	4.413	113	53382	9.910 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.10%		
43) 1,2-Dichloroethane-d4	5.061	65	79258	10.013 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.13%		
60) Toluene-d8	7.120	98	224502	10.028 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.28%		
83) 4-Bromofluorobenzene	9.265	95	95444	10.238 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.38%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D. d	
3) Chloromethane	0.000		0	N.D. d	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	0.000		0	N.D.	
6) Chloroethane	0.000		0	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
8) Ethyl ether	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	1.825	76	297	N.D.	
15) Methylene chloride	0.000		0	N.D.	
17) Acetone	2.357	43	1869	0.285 ug/L #	70
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
20) Methyl tert-butyl ether	0.000		0	N.D.	
23) 1,1-Dichloroethane	0.000		0	N.D.	
25) Acrylonitrile	3.024	53	28	N.D.	
27) Vinyl acetate	3.458	43	56	N.D.	
28) cis-1,2-Dichloroethene	0.000		0	N.D.	
29) 2,2-Dichloropropane	0.000		0	N.D.	
30) Bromochloromethane	0.000		0	N.D.	
32) Chloroform	0.000		0	N.D.	

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A18.D
Acq On : 14 Sep 2021 2:09 pm
Operator : ELAINE:PD
Sample : L2148526-06,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 15 11:50:03 2021
Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2021\210914A\VE210914A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0	N.D.		
37) 1,1,1-Trichloroethane	0.000		0	N.D.		
39) 2-Butanone	0.000		0	N.D.	d	
40) 1,1-Dichloropropene	4.424	75	209	N.D.		
41) Benzene	0.000		0	N.D.		
44) 1,2-Dichloroethane	5.153	62	54	N.D.		
48) Trichloroethene	0.000		0	N.D.		
50) Dibromomethane	0.000		0	N.D.		
51) 1,2-Dichloropropane	0.000		0	N.D.		
54) Bromodichloromethane	0.000		0	N.D.		
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	0.000		0	N.D.		
61) Toluene	7.170	92	130	N.D.		
62) 4-Methyl-2-pentanone	7.543	58	26	N.D.		
63) Tetrachloroethene	0.000		0	N.D.		
65) trans-1,3-Dichloropropene	0.000		0	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D.		
69) Chlorodibromomethane	0.000		0	N.D.		
70) 1,3-Dichloropropane	0.000		0	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.		
72) 2-Hexanone	8.275	43	177	N.D.		
73) Chlorobenzene	0.000		0	N.D.		
74) Ethylbenzene	8.492	91	132	N.D.		
75) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
76) p/m Xylene	8.595	106	26	N.D.		
77) o Xylene	0.000		0	N.D.		
78) Styrene	0.000		0	N.D.		
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	9.262	105	53	N.D.		
84) Bromobenzene	0.000		0	N.D.		
85) n-Propylbenzene	9.354	91	53	N.D.		
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
88) 4-Ethyltoluene	9.421	105	144	N.D.		
89) 2-Chlorotoluene	9.438	91	63	N.D.		
90) 1,3,5-Trimethylbenzene	9.479	105	26	N.D.		
91) 1,2,3-Trichloropropane	0.000		0	N.D.		
92) trans-1,4-Dichloro-2-b...	0.000		0	N.D.		
93) 4-Chlorotoluene	9.438	91	63	N.D.		
94) tert-Butylbenzene	0.000		0	N.D.		

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A18.D
Acq On : 14 Sep 2021 2:09 pm
Operator : ELAINE:PD
Sample : L2148526-06,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 15 11:50:03 2021
Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2021\210914A\VE210914A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	9.713	105	173		N.D.	
98) sec-Butylbenzene	9.769	105	28		N.D.	
99) p-Isopropyltoluene	9.858	119	97		N.D.	
100) 1,3-Dichlorobenzene	9.891	146	31		N.D.	
101) 1,4-Dichlorobenzene	9.891	146	31		N.D.	
102) p-Diethylbenzene	0.000		0		N.D.	
103) n-Butylbenzene	10.102	91	53		N.D.	
104) 1,2-Dichlorobenzene	0.000		0		N.D.	
105) 1,2,4,5-Tetramethylben...	10.531	119	26		N.D.	
106) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
108) Hexachlorobutadiene	0.000		0		N.D.	
109) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
110) Naphthalene	11.196	128	314		N.D.	
111) 1,2,3-Trichlorobenzene	0.000		0		N.D.	

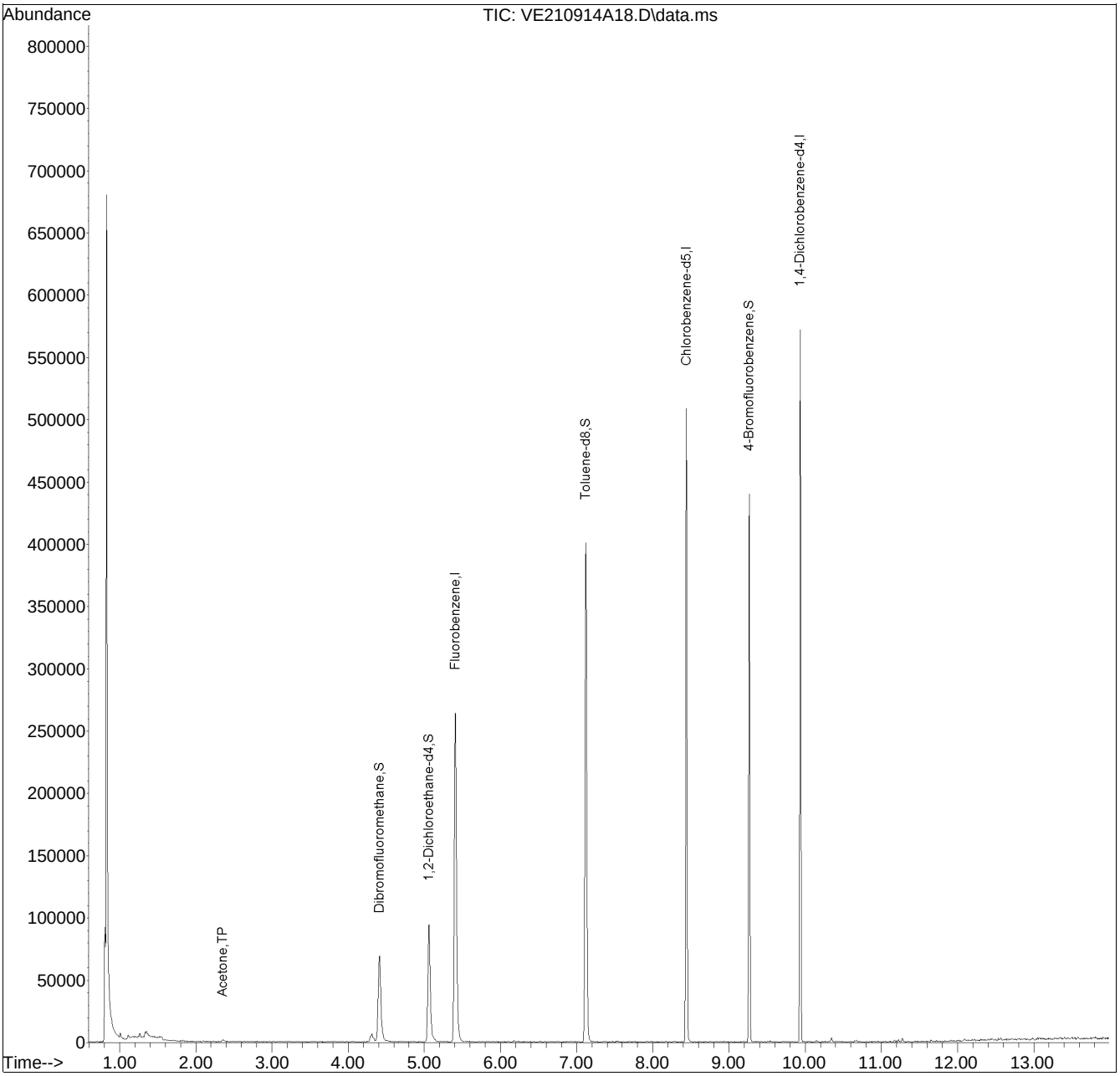
(#) = qualifier out of range (m) = manual integration (+) = signals summed

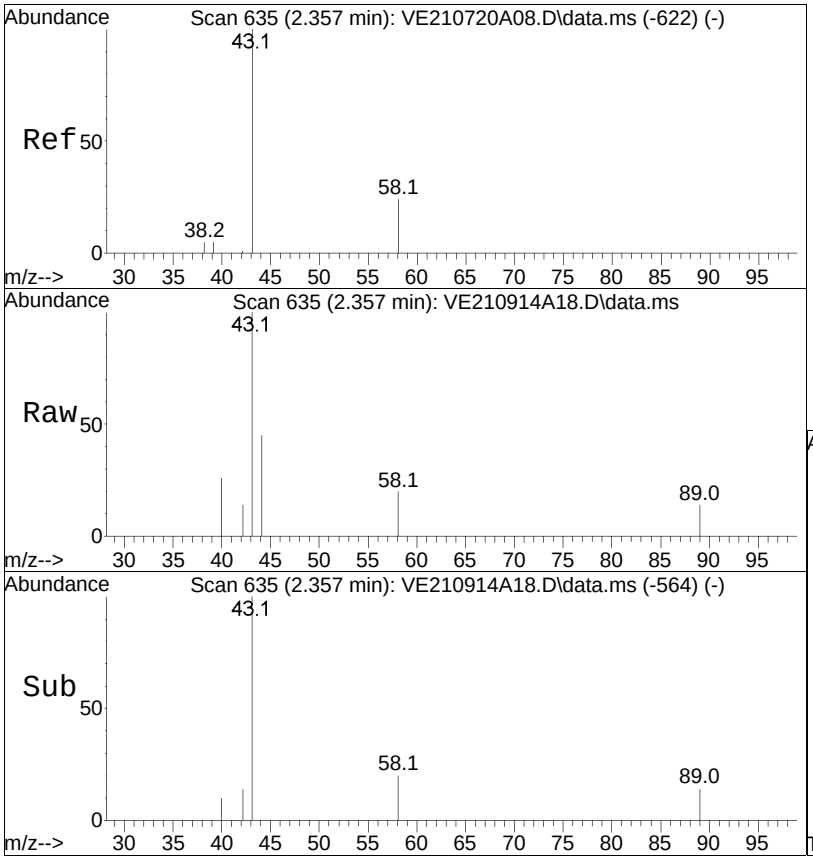
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A18.D
Acq On : 14 Sep 2021 2:09 pm
Operator : ELAINE:PD
Sample : L2148526-06,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 15 11:50:03 2021
Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox10914A\VE210914A02.D•

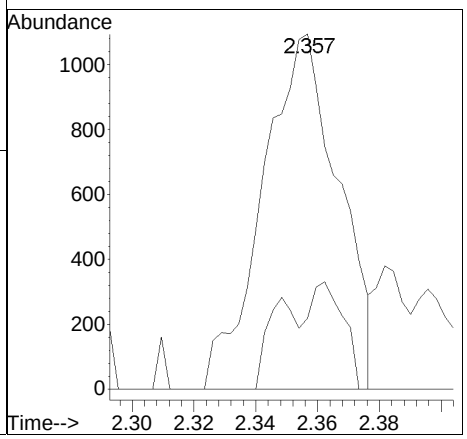




#17
Acetone
Concen: 0.28 ug/L
RT: 2.357 min Scan# 635
Delta R.T. -0.003 min
Lab File: VE210914A18.D
Acq: 14 Sep 2021 2:09 pm

Tgt Ion: 43 Resp: 1869

Ion	Ratio	Lower	Upper
43	100		
58	13.9	24.2	36.4#



Manual Integration Report

Data Path	: I:\VOLATILES\Elaine\2021\2Q	Method	: Elaine_210909A_8260.m
Data File	: VE210914A18.D	Operator	: ELAINE:PD
Date Inj'd	: 9/14/2021 2:09 pm	Instrument	: Elaine
Sample	: L2148526-06,31,10,10,,A,PR	Quant Date	: 9/15/2021 11:36 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A18.D
Acq On : 14 Sep 2021 2:09 pm
Operator : ELAINE:PD
Sample : L2148526-06,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: VE210914A18.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.413	1355	1374	1404	rVB2	68229	169401	26.55%	5.433%
2	5.061	1585	1607	1644	rBV2	94698	211743	33.19%	6.792%
3	5.406	1713	1731	1768	rBV	264365	543374	85.18%	17.428%
4	7.120	2330	2347	2372	rBV	400894	637938	100.00%	20.462%
5	8.439	2808	2821	2845	rBV	508599	572485	89.74%	18.362%
6	9.265	3109	3118	3137	rBV	440316	438106	68.68%	14.052%
7	9.936	3348	3359	3371	rBV	572150	544688	85.38%	17.471%

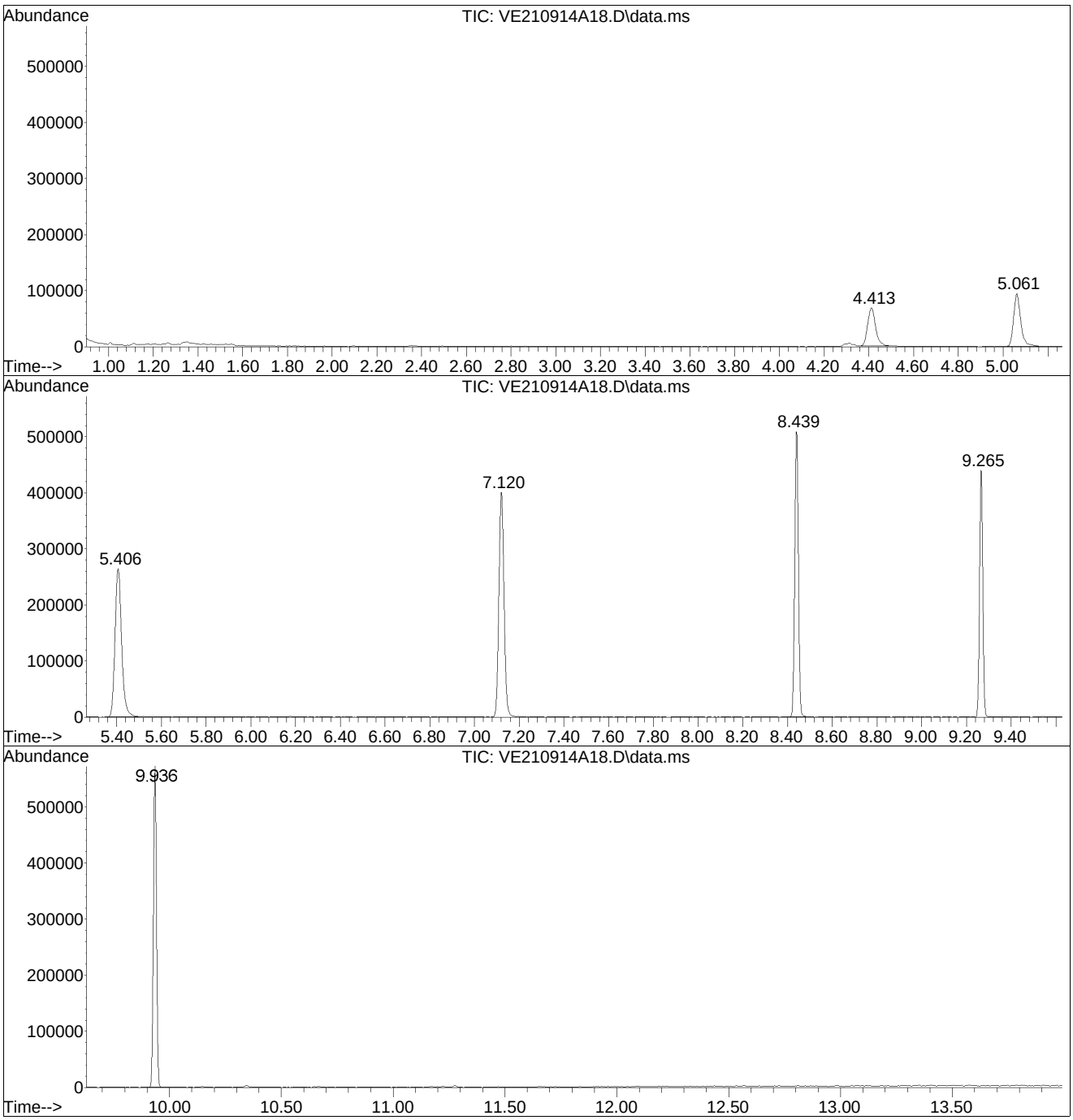
Sum of corrected areas: 3117735

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A18.D
Acq On : 14 Sep 2021 2:09 pm
Operator : ELAINE:PD
Sample : L2148526-06,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A18.D
Acq On : 14 Sep 2021 2:09 pm
Operator : ELAINE:PD
Sample : L2148526-06,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A18.D
Acq On : 14 Sep 2021 2:09 pm
Operator : ELAINE:PD
Sample : L2148526-06,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A19.D
Acq On : 14 Sep 2021 2:30 pm
Operator : ELAINE:PD
Sample : L2148526-07,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 15 11:50:21 2021
Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2021\210914A\VE210914A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.409	96	236385	10.000	ug/L	0.00
Standard Area 1 = 261232			Recovery = 90.49%			
59) Chlorobenzene-d5	8.442	117	164701	10.000	ug/L	0.00
Standard Area 1 = 175761			Recovery = 93.71%			
79) 1,4-Dichlorobenzene-d4	9.936	152	78897	10.000	ug/L	0.00
Standard Area 1 = 84918			Recovery = 92.91%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.407	113	55405	10.289	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.89%			
43) 1,2-Dichloroethane-d4	5.064	65	79155	10.003	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.03%			
60) Toluene-d8	7.120	98	224417	9.909	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.09%			
83) 4-Bromofluorobenzene	9.265	95	94792	10.128	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.28%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.921	85	2561	0.624	ug/L	88
3) Chloromethane	1.032	50	136	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	0.000		0	N.D.		
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	1.464	101	6394	1.033	ug/L	87
8) Ethyl ether	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	1.820	76	92	N.D.		
15) Methylene chloride	0.000		0	N.D.		
17) Acetone	0.000		0	N.D.	d	
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
25) Acrylonitrile	3.075	53	82	N.D.		
27) Vinyl acetate	3.506	43	179	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
29) 2,2-Dichloropropane	0.000		0	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
32) Chloroform	0.000		0	N.D.		

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A19.D
Acq On : 14 Sep 2021 2:30 pm
Operator : ELAINE:PD
Sample : L2148526-07,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 15 11:50:21 2021
Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2021\210914A\VE210914A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	4.638	43	91		N.D.	
40) 1,1-Dichloropropene	4.368	75	101		N.D.	
41) Benzene	0.000		0		N.D.	
44) 1,2-Dichloroethane	0.000		0		N.D.	
48) Trichloroethene	5.478	95	148		N.D.	
50) Dibromomethane	0.000		0		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	0.000		0		N.D.	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	0.000		0		N.D.	
62) 4-Methyl-2-pentanone	0.000		0		N.D.	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	7.437	75	233		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D.	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	8.294	43	52		N.D.	
73) Chlorobenzene	0.000		0		N.D.	
74) Ethylbenzene	8.442	91	443		N.D.	
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	0.000		0		N.D.	
77) o Xylene	0.000		0		N.D.	
78) Styrene	0.000		0		N.D.	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	9.265	105	26		N.D.	
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	9.262	91	325		N.D.	
87) 1,1,2,2-Tetrachloroethane	9.262	83	26		N.D.	
88) 4-Ethyltoluene	9.265	105	26		N.D.	
89) 2-Chlorotoluene	9.262	91	325		N.D.	
90) 1,3,5-Trimethylbenzene	0.000		0		N.D.	
91) 1,2,3-Trichloropropane	9.538	75	140		N.D.	
92) trans-1,4-Dichloro-2-b...	0.000		0		N.D.	
93) 4-Chlorotoluene	0.000		0		N.D.	
94) tert-Butylbenzene	0.000		0		N.D.	

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A19.D
Acq On : 14 Sep 2021 2:30 pm
Operator : ELAINE:PD
Sample : L2148526-07,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 15 11:50:21 2021
Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2021\210914A\VE210914A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	0.000		0		N.D.	
98) sec-Butylbenzene	0.000		0		N.D.	
99) p-Isopropyltoluene	0.000		0		N.D.	
100) 1,3-Dichlorobenzene	0.000		0		N.D.	
101) 1,4-Dichlorobenzene	0.000		0		N.D.	
102) p-Diethylbenzene	0.000		0		N.D.	
103) n-Butylbenzene	9.933	91	290		N.D.	
104) 1,2-Dichlorobenzene	0.000		0		N.D.	
105) 1,2,4,5-Tetramethylben...	0.000		0		N.D.	
106) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
108) Hexachlorobutadiene	0.000		0		N.D.	
109) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
110) Naphthalene	0.000		0		N.D.	
111) 1,2,3-Trichlorobenzene	0.000		0		N.D.	

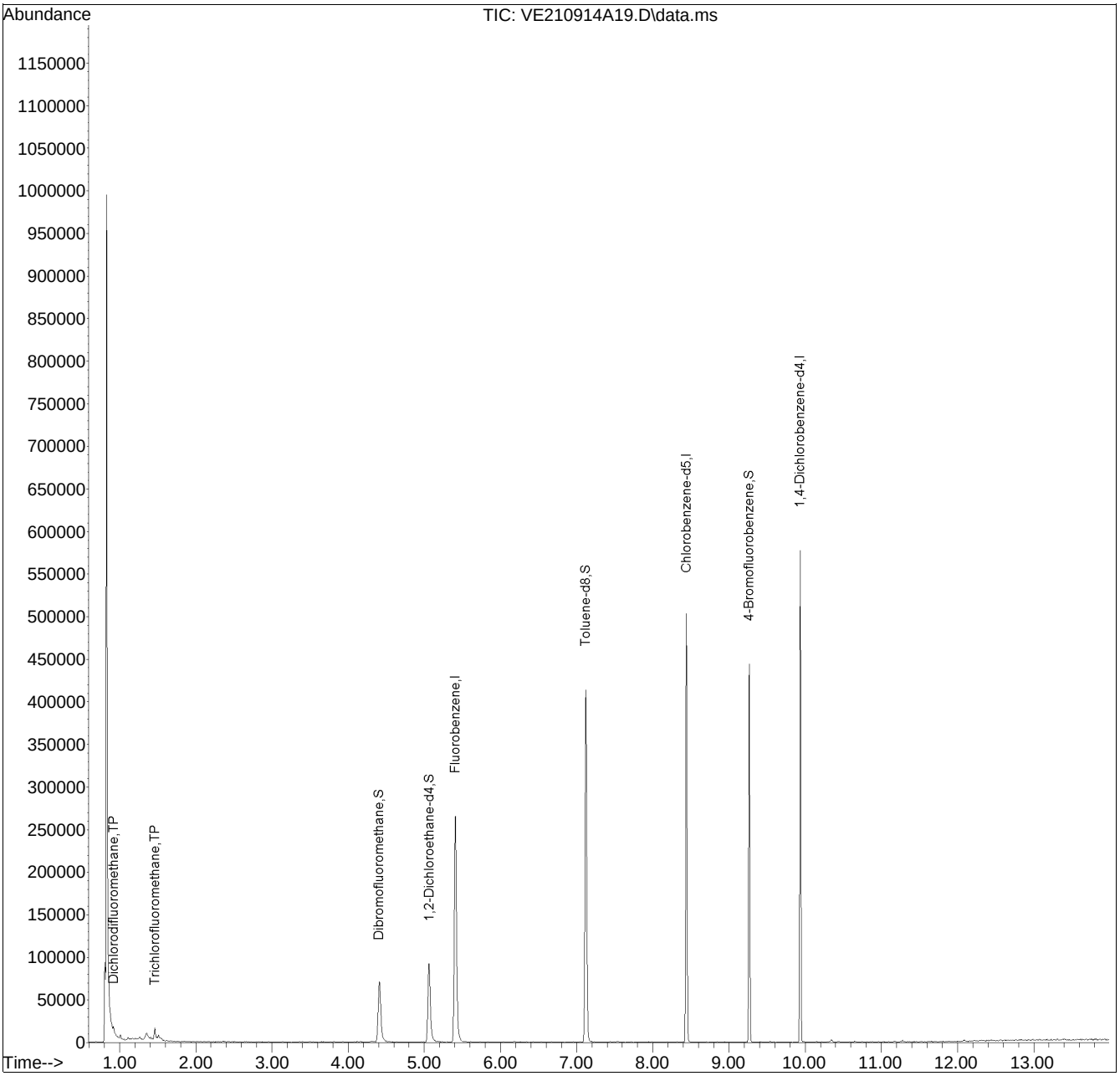
(#) = qualifier out of range (m) = manual integration (+) = signals summed

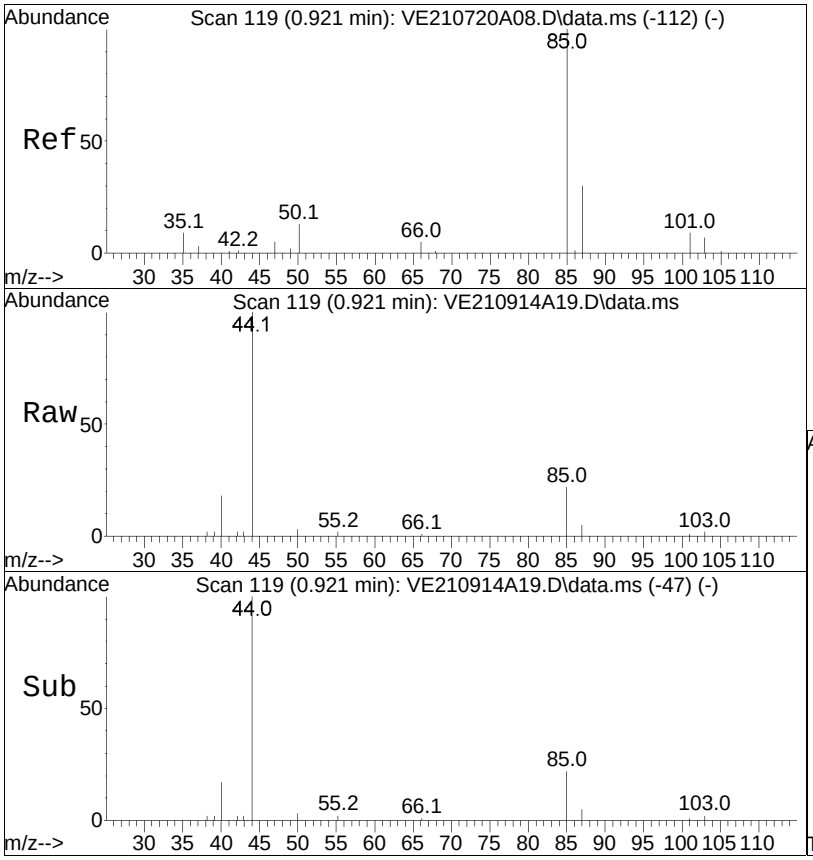
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A19.D
Acq On : 14 Sep 2021 2:30 pm
Operator : ELAINE:PD
Sample : L2148526-07,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 15 11:50:21 2021
Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox10914A\VE210914A02.D•

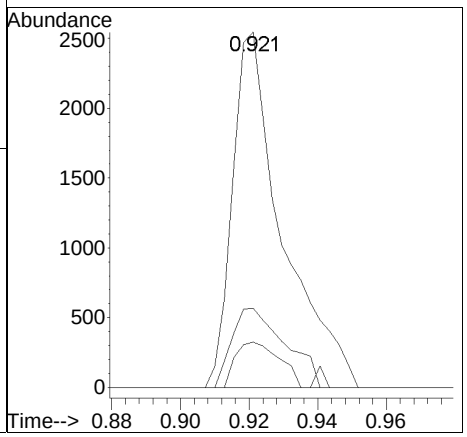


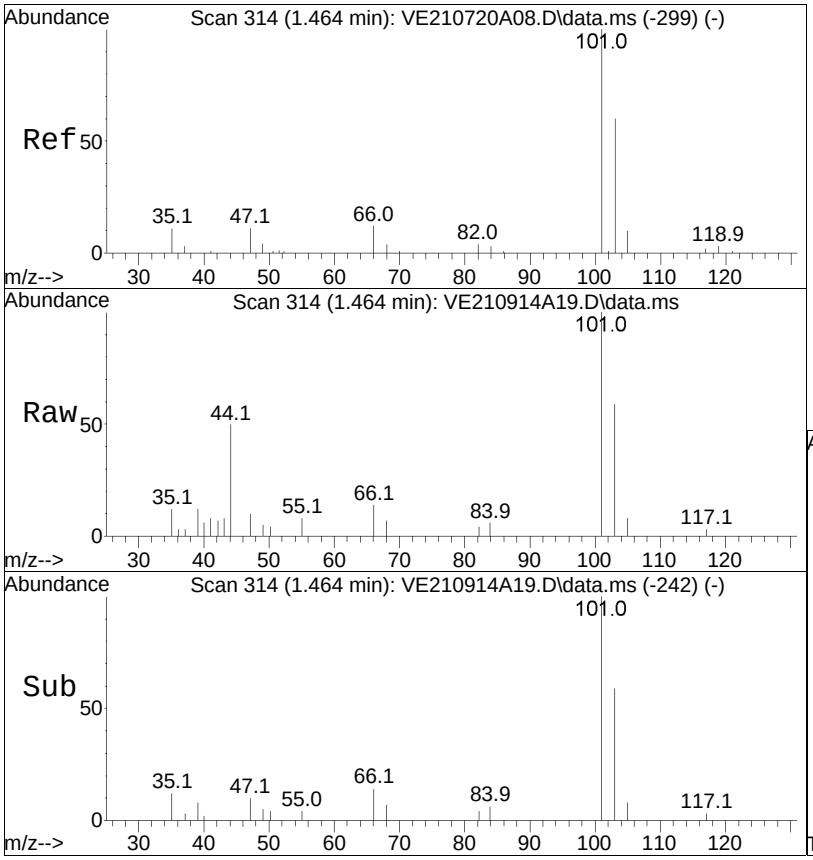


#2
Dichlorodifluoromethane
Concen: 0.62 ug/L
RT: 0.921 min Scan# 119
Delta R.T. 0.000 min
Lab File: VE210914A19.D
Acq: 14 Sep 2021 2:30 pm

Tgt Ion: 85 Resp: 2561

Ion	Ratio	Lower	Upper
85	100		
87	23.9	21.0	43.6
50	11.4	8.9	18.5

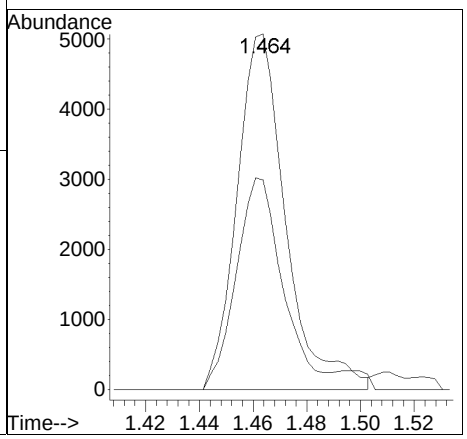




#7
Trichlorofluoromethane
Concen: 1.03 ug/L
RT: 1.464 min Scan# 314
Delta R.T. -0.000 min
Lab File: VE210914A19.D
Acq: 14 Sep 2021 2:30 pm

Tgt Ion:101 Resp: 6394

Ion	Ratio	Lower	Upper
101	100		
103	56.9	53.8	80.6



Manual Integration Report

Data Path	: I:\VOLATILES\Elaine\2021\2Q	Method	: Elaine_210909A_8260.m
Data File	: VE210914A19.D	Operator	: ELAINE:PD
Date Inj'd	: 9/14/2021 2:30 pm	Instrument	: Elaine
Sample	: L2148526-07,31,10,10,,A,PR	Quant Date	: 9/15/2021 11:36 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A19.D
Acq On : 14 Sep 2021 2:30 pm
Operator : ELAINE:PD
Sample : L2148526-07,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: VE210914A19.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.410	1355	1373	1404	rBV2	71007	179317	27.95%	5.725%
2	5.061	1588	1607	1633	rBV3	92470	212679	33.15%	6.790%
3	5.409	1712	1732	1761	rBV	265505	545733	85.05%	17.423%
4	7.120	2332	2347	2371	rBV	414110	641626	100.00%	20.484%
5	8.439	2810	2821	2843	rVB	503139	572521	89.23%	18.278%
6	9.265	3109	3118	3135	rVB	444233	435680	67.90%	13.909%
7	9.936	3341	3359	3373	rBV	577335	544715	84.90%	17.390%

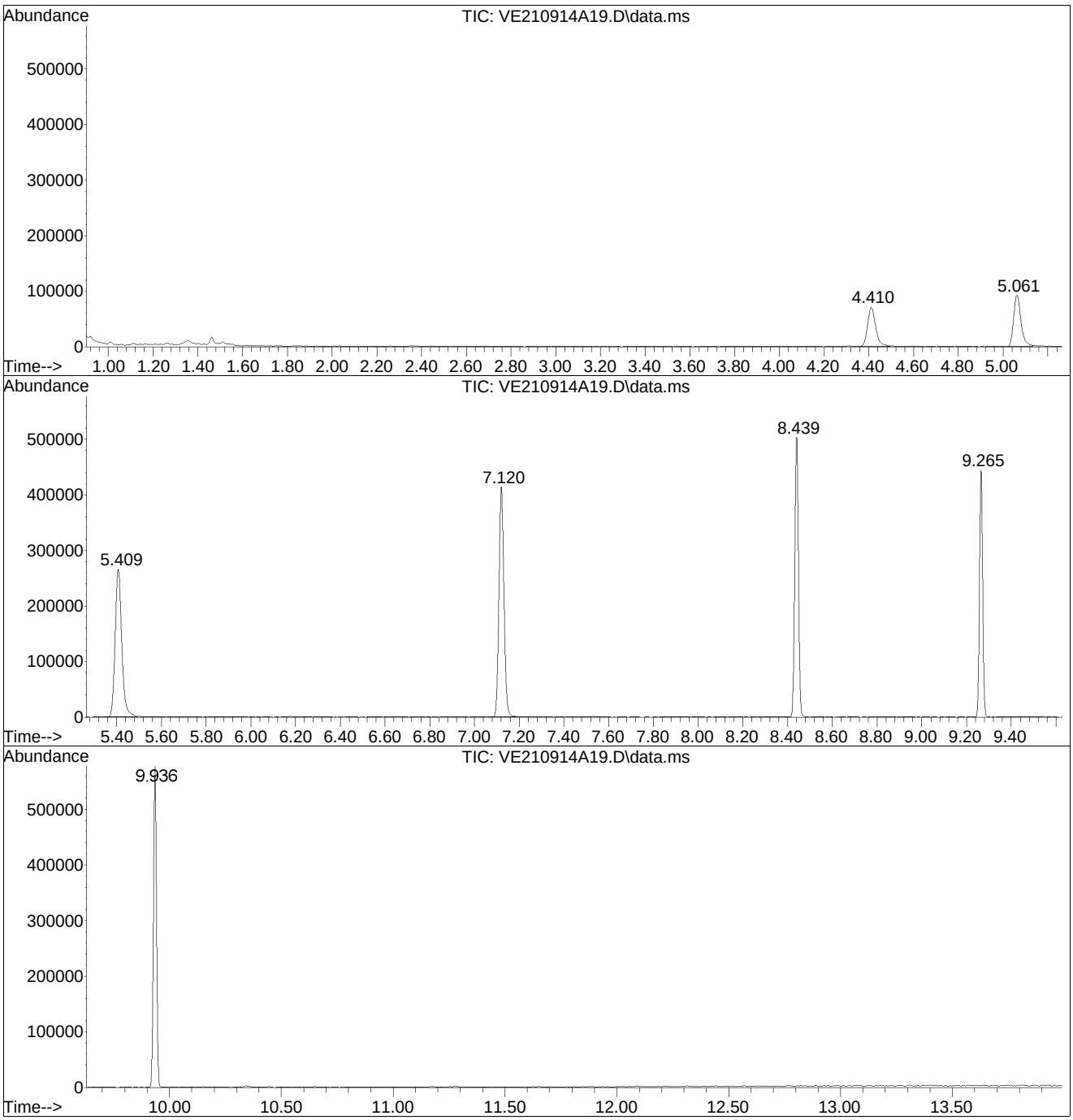
Sum of corrected areas: 3132271

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A19.D
Acq On : 14 Sep 2021 2:30 pm
Operator : ELAINE:PD
Sample : L2148526-07,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A19.D
Acq On : 14 Sep 2021 2:30 pm
Operator : ELAINE:PD
Sample : L2148526-07,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A19.D
Acq On : 14 Sep 2021 2:30 pm
Operator : ELAINE:PD
Sample : L2148526-07,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A20.D
Acq On : 14 Sep 2021 2:51 pm
Operator : ELAINE:PD
Sample : L2148526-08,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 15 11:50:31 2021
Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2021\210914A\VE210914A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.409	96	236002	10.000 ug/L	0.00
Standard Area 1 = 261232			Recovery = 90.34%		
59) Chlorobenzene-d5	8.439	117	162135	10.000 ug/L	0.00
Standard Area 1 = 175761			Recovery = 92.25%		
79) 1,4-Dichlorobenzene-d4	9.936	152	77340	10.000 ug/L	0.00
Standard Area 1 = 84918			Recovery = 91.08%		
System Monitoring Compounds					
36) Dibromofluoromethane	4.410	113	53243	9.903 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.03%		
43) 1,2-Dichloroethane-d4	5.061	65	76297	9.658 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.58%		
60) Toluene-d8	7.120	98	221626	9.941 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.41%		
83) 4-Bromofluorobenzene	9.265	95	94267	10.274 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.74%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.818	85	218	N.D.	
3) Chloromethane	1.041	50	270	N.D.	
4) Vinyl chloride	1.021	62	30	N.D.	
5) Bromomethane	0.000		0	N.D.	
6) Chloroethane	0.000		0	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
8) Ethyl ether	1.664	74	63	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	0.000		0	N.D.	
15) Methylene chloride	0.000		0	N.D.	
17) Acetone	2.351	43	2306	0.654 ug/L #	88
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
20) Methyl tert-butyl ether	0.000		0	N.D.	
23) 1,1-Dichloroethane	0.000		0	N.D.	
25) Acrylonitrile	0.000		0	N.D.	
27) Vinyl acetate	3.417	43	63	N.D.	
28) cis-1,2-Dichloroethene	0.000		0	N.D.	
29) 2,2-Dichloropropane	0.000		0	N.D.	
30) Bromochloromethane	0.000		0	N.D.	
32) Chloroform	0.000		0	N.D.	

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A20.D
Acq On : 14 Sep 2021 2:51 pm
Operator : ELAINE:PD
Sample : L2148526-08,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 15 11:50:31 2021
Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2021\210914A\VE210914A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	4.602	43	67		N.D.	
40) 1,1-Dichloropropene	0.000		0		N.D.	
41) Benzene	4.875	78	93		N.D.	
44) 1,2-Dichloroethane	0.000		0		N.D.	
48) Trichloroethene	0.000		0		N.D.	
50) Dibromomethane	0.000		0		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	0.000		0		N.D.	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	7.167	92	464		N.D.	
62) 4-Methyl-2-pentanone	0.000		0		N.D.	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D.	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	0.000		0		N.D.	d
73) Chlorobenzene	0.000		0		N.D.	
74) Ethylbenzene	8.492	91	64		N.D.	
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	8.597	106	179		N.D.	
77) o Xylene	0.000		0		N.D.	
78) Styrene	0.000		0		N.D.	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	9.268	105	96		N.D.	
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	9.362	91	55		N.D.	
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
88) 4-Ethyltoluene	9.268	105	96		N.D.	
89) 2-Chlorotoluene	9.362	91	55		N.D.	
90) 1,3,5-Trimethylbenzene	0.000		0		N.D.	
91) 1,2,3-Trichloropropane	9.532	75	121		N.D.	
92) trans-1,4-Dichloro-2-b...	0.000		0		N.D.	
93) 4-Chlorotoluene	9.362	91	55		N.D.	
94) tert-Butylbenzene	0.000		0		N.D.	

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A20.D
Acq On : 14 Sep 2021 2:51 pm
Operator : ELAINE:PD
Sample : L2148526-08,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 15 11:50:31 2021
Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2021\210914A\VE210914A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	0.000		0		N.D.	
98) sec-Butylbenzene	0.000		0		N.D.	
99) p-Isopropyltoluene	0.000		0		N.D.	
100) 1,3-Dichlorobenzene	0.000		0		N.D.	
101) 1,4-Dichlorobenzene	0.000		0		N.D.	
102) p-Diethylbenzene	0.000		0		N.D.	
103) n-Butylbenzene	10.097	91	57		N.D.	
104) 1,2-Dichlorobenzene	0.000		0		N.D.	
105) 1,2,4,5-Tetramethylben...	0.000		0		N.D.	
106) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
108) Hexachlorobutadiene	0.000		0		N.D.	
109) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
110) Naphthalene	11.193	128	244		N.D.	
111) 1,2,3-Trichlorobenzene	0.000		0		N.D.	

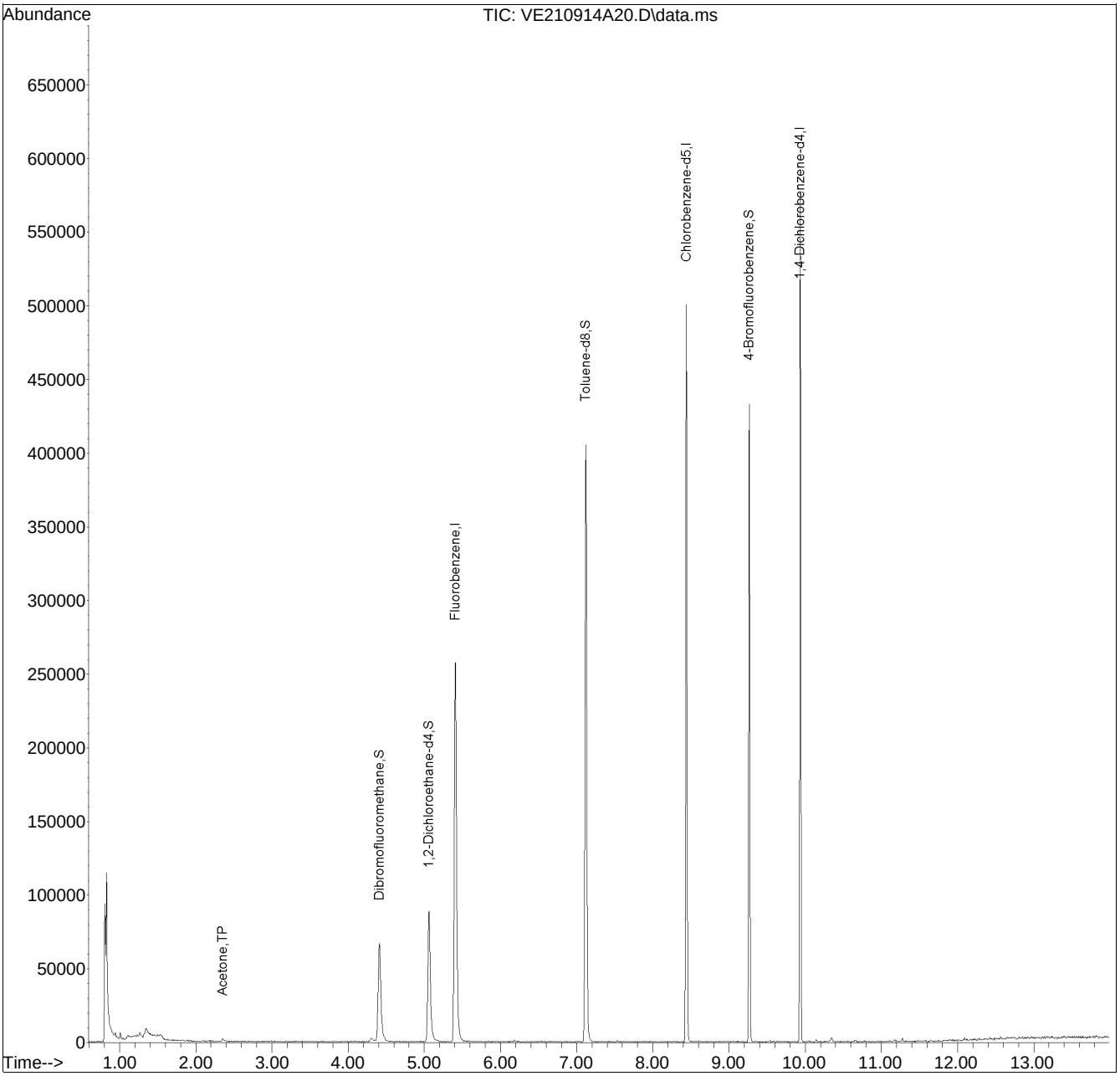
(#) = qualifier out of range (m) = manual integration (+) = signals summed

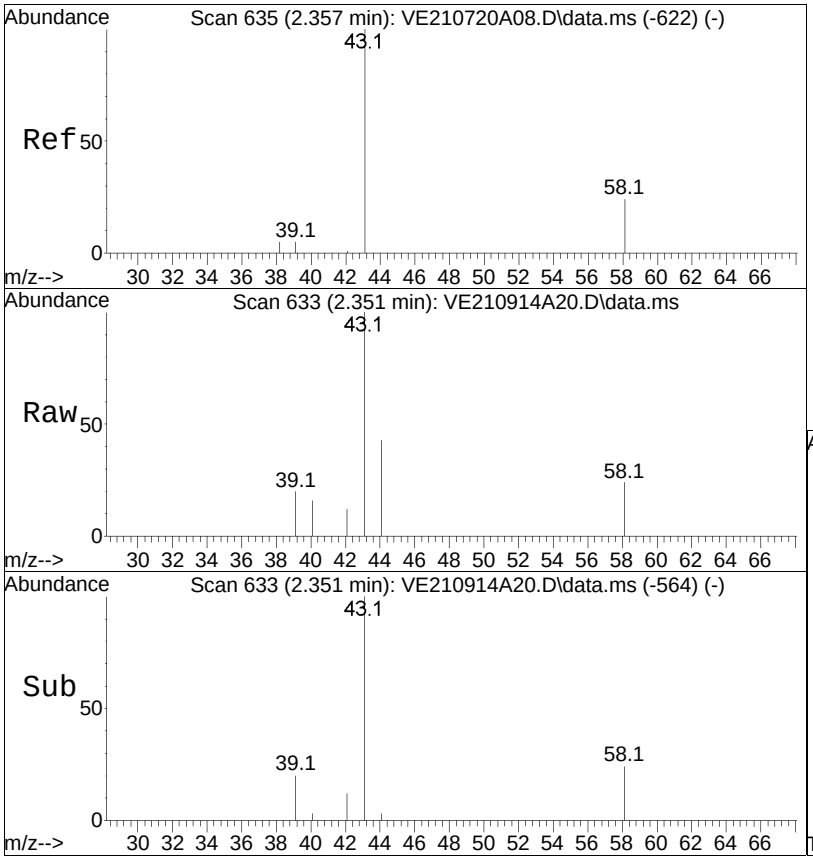
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A20.D
Acq On : 14 Sep 2021 2:51 pm
Operator : ELAINE:PD
Sample : L2148526-08,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 15 11:50:31 2021
Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox10914A\VE210914A02.D•

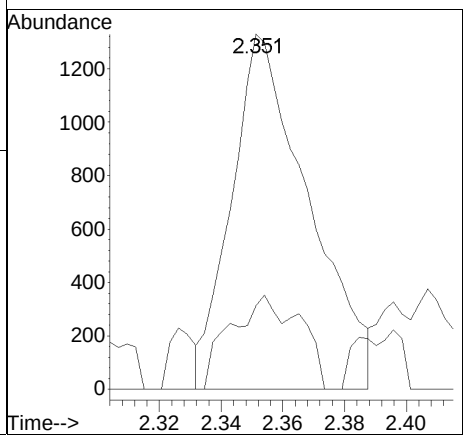




#17
Acetone
Concen: 0.65 ug/L
RT: 2.351 min Scan# 633
Delta R.T. -0.009 min
Lab File: VE210914A20.D
Acq: 14 Sep 2021 2:51 pm

Tgt Ion: 43 Resp: 2306

Ion	Ratio	Lower	Upper
43	100		
58	23.8	24.2	36.4#



Manual Integration Report

Data Path	: I:\VOLATILES\Elaine\2021\2Q	Method	: Elaine_210909A_8260.m
Data File	: VE210914A20.D	Operator	: ELAINE:PD
Date Inj'd	: 9/14/2021 2:51 pm	Instrument	: Elaine
Sample	: L2148526-08,31,10,10,,A,PR	Quant Date	: 9/15/2021 11:36 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A20.D
Acq On : 14 Sep 2021 2:51 pm
Operator : ELAINE:PD
Sample : L2148526-08,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: VE210914A20.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.410	1356	1373	1405	rBV2	66087	166547	25.92%	5.364%
2	5.061	1586	1607	1636	rBV	88953	205118	31.93%	6.606%
3	5.406	1714	1731	1771	rBV	257471	544023	84.68%	17.521%
4	7.120	2328	2347	2378	rBV	405352	642455	100.00%	20.691%
5	8.439	2811	2821	2839	rBV	500416	571178	88.91%	18.395%
6	9.265	3109	3118	3133	rBV	433368	431547	67.17%	13.898%
7	9.936	3348	3359	3374	rBV	575271	544191	84.70%	17.526%

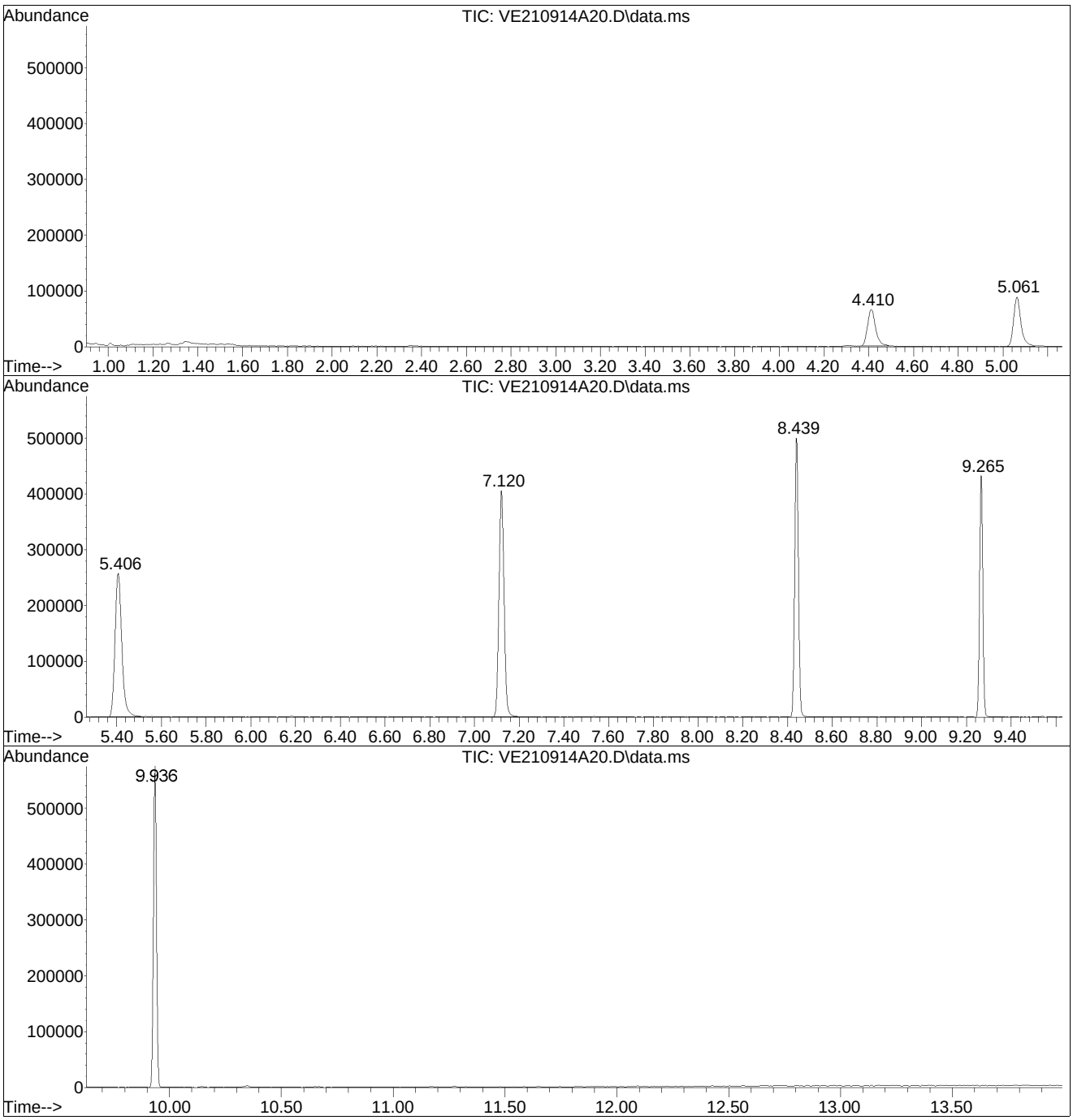
Sum of corrected areas: 3105059

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A20.D
Acq On : 14 Sep 2021 2:51 pm
Operator : ELAINE:PD
Sample : L2148526-08,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A20.D
Acq On : 14 Sep 2021 2:51 pm
Operator : ELAINE:PD
Sample : L2148526-08,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A20.D
Acq On : 14 Sep 2021 2:51 pm
Operator : ELAINE:PD
Sample : L2148526-08,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A21.D
Acq On : 14 Sep 2021 3:11 pm
Operator : ELAINE:PD
Sample : L2148526-09,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 15 11:50:47 2021
Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2021\210914A\VE210914A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.409	96	237941	10.000	ug/L	0.00
Standard Area 1 = 261232			Recovery = 91.08%			
59) Chlorobenzene-d5	8.442	117	160614	10.000	ug/L	0.00
Standard Area 1 = 175761			Recovery = 91.38%			
79) 1,4-Dichlorobenzene-d4	9.936	152	78758	10.000	ug/L	0.00
Standard Area 1 = 84918			Recovery = 92.75%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.413	113	54475	10.050	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.50%			
43) 1,2-Dichloroethane-d4	5.064	65	78913	9.907	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.07%			
60) Toluene-d8	7.123	98	221989	10.051	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.51%			
83) 4-Bromofluorobenzene	9.265	95	93580	10.016	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.16%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.	d	
3) Chloromethane	1.041	50	102	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	1.294	94	53	N.D.		
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
8) Ethyl ether	1.636	74	53	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	1.828	76	105	N.D.		
15) Methylene chloride	0.000		0	N.D.		
17) Acetone	2.360	43	2189	0.541	ug/L #	58
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
25) Acrylonitrile	3.030	53	27	N.D.		
27) Vinyl acetate	3.439	43	106	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
29) 2,2-Dichloropropane	0.000		0	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
32) Chloroform	0.000		0	N.D.		

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A21.D
Acq On : 14 Sep 2021 3:11 pm
Operator : ELAINE:PD
Sample : L2148526-09,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 15 11:50:47 2021
Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2021\210914A\VE210914A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	4.613	43	62		N.D.	
40) 1,1-Dichloropropene	0.000		0		N.D.	
41) Benzene	0.000		0		N.D.	
44) 1,2-Dichloroethane	0.000		0		N.D.	
48) Trichloroethene	0.000		0		N.D.	
50) Dibromomethane	0.000		0		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	0.000		0		N.D.	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	7.170	92	124		N.D.	
62) 4-Methyl-2-pentanone	0.000		0		N.D.	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D.	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	8.269	43	159		N.D.	
73) Chlorobenzene	0.000		0		N.D.	
74) Ethylbenzene	8.436	91	288		N.D.	
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	0.000		0		N.D.	
77) o Xylene	0.000		0		N.D.	
78) Styrene	0.000		0		N.D.	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	0.000		0		N.D.	
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	9.265	91	236		N.D.	
87) 1,1,2,2-Tetrachloroethane	9.265	83	30		N.D.	
88) 4-Ethyltoluene	0.000		0		N.D.	
89) 2-Chlorotoluene	9.265	91	236		N.D.	
90) 1,3,5-Trimethylbenzene	0.000		0		N.D.	
91) 1,2,3-Trichloropropane	0.000		0		N.D.	
92) trans-1,4-Dichloro-2-b...	9.621	53	78		N.D.	
93) 4-Chlorotoluene	0.000		0		N.D.	
94) tert-Butylbenzene	0.000		0		N.D.	

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A21.D
Acq On : 14 Sep 2021 3:11 pm
Operator : ELAINE:PD
Sample : L2148526-09,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 15 11:50:47 2021
Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2021\210914A\VE210914A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	0.000		0		N.D.	
98) sec-Butylbenzene	0.000		0		N.D.	
99) p-Isopropyltoluene	0.000		0		N.D.	
100) 1,3-Dichlorobenzene	0.000		0		N.D.	
101) 1,4-Dichlorobenzene	0.000		0		N.D.	
102) p-Diethylbenzene	0.000		0		N.D.	
103) n-Butylbenzene	9.936	91	164		N.D.	
104) 1,2-Dichlorobenzene	0.000		0		N.D.	
105) 1,2,4,5-Tetramethylben...	0.000		0		N.D.	
106) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
108) Hexachlorobutadiene	0.000		0		N.D.	
109) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
110) Naphthalene	11.199	128	26		N.D.	
111) 1,2,3-Trichlorobenzene	0.000		0		N.D.	

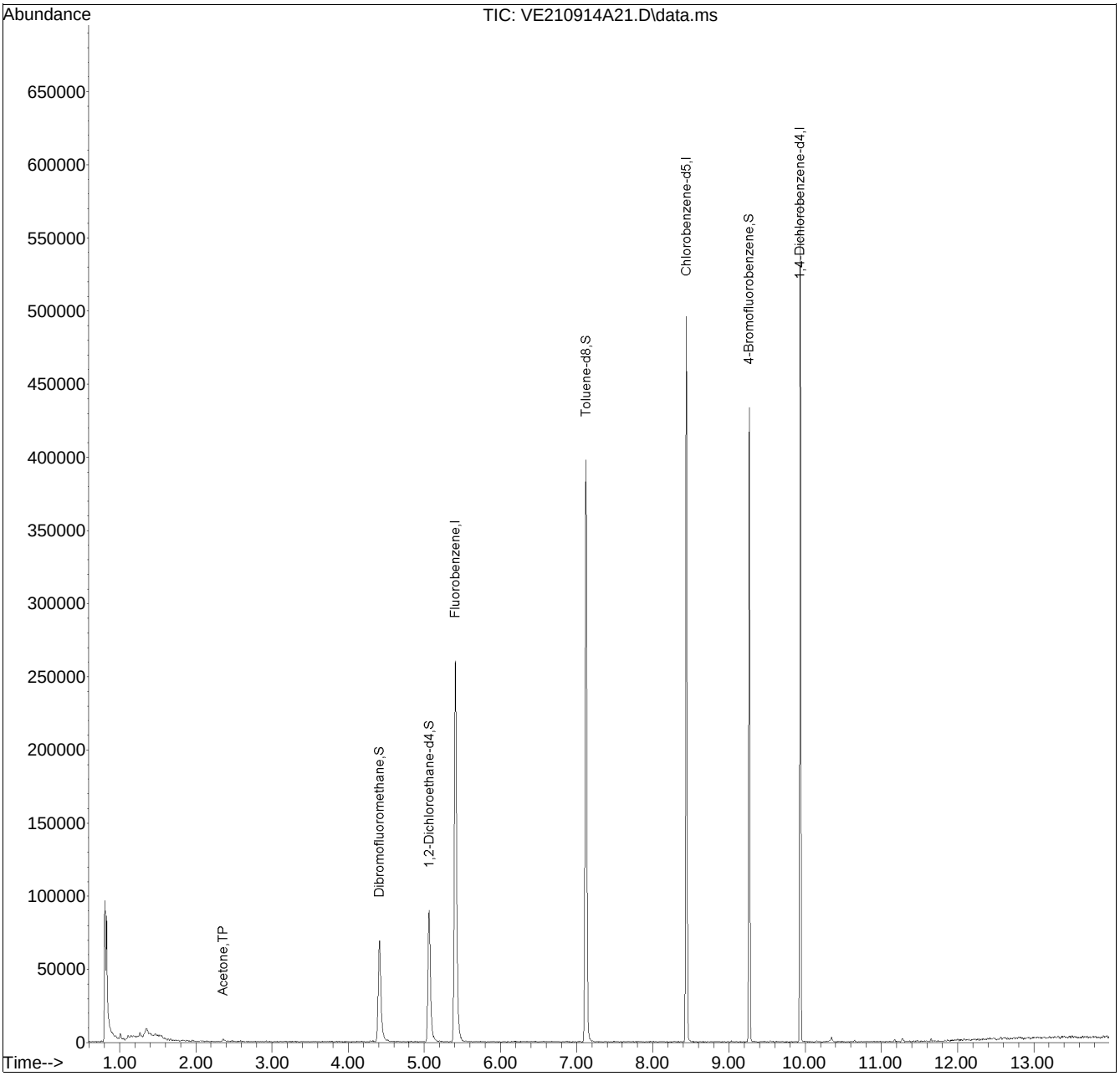
(#) = qualifier out of range (m) = manual integration (+) = signals summed

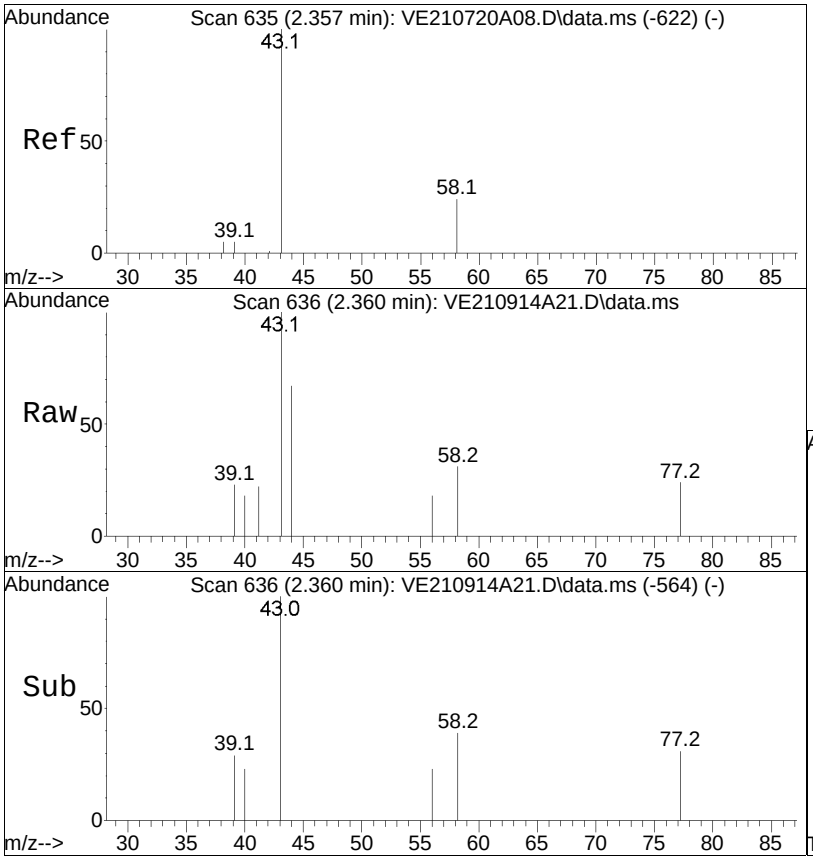
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A21.D
Acq On : 14 Sep 2021 3:11 pm
Operator : ELAINE:PD
Sample : L2148526-09,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 15 11:50:47 2021
Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox10914A\VE210914A02.D•

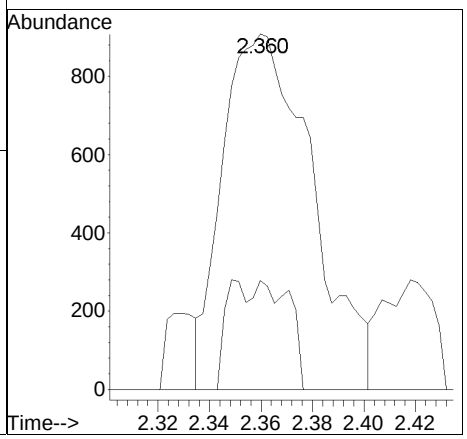




#17
Acetone
Concen: 0.54 ug/L
RT: 2.360 min Scan# 636
Delta R.T. -0.000 min
Lab File: VE210914A21.D
Acq: 14 Sep 2021 3:11 pm

Tgt Ion: 43 Resp: 2189

Ion	Ratio	Lower	Upper
43	100		
58	7.5	24.2	36.4#



Manual Integration Report

Data Path	: I:\VOLATILES\Elaine\2021\2Q	Method	: Elaine_210909A_8260.m
Data File	: VE210914A21.D	Operator	: ELAINE:PD
Date Inj'd	: 9/14/2021 3:11 pm	Instrument	: Elaine
Sample	: L2148526-09,31,10,10,,A,PR	Quant Date	: 9/15/2021 11:36 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A21.D
Acq On : 14 Sep 2021 3:11 pm
Operator : ELAINE:PD
Sample : L2148526-09,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: VE210914A21.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.413	1352	1374	1407	rBV	69326	176102	27.53%	5.659%
2	5.064	1589	1608	1628	rBV2	89878	207137	32.38%	6.657%
3	5.409	1714	1732	1766	rBV	260479	547841	85.65%	17.606%
4	7.123	2333	2348	2375	rBV	397693	639663	100.00%	20.557%
5	8.439	2808	2821	2846	rBV	495898	567528	88.72%	18.239%
6	9.265	3109	3118	3132	rVB	433404	429252	67.11%	13.795%
7	9.936	3347	3359	3371	rBV	579174	544099	85.06%	17.486%

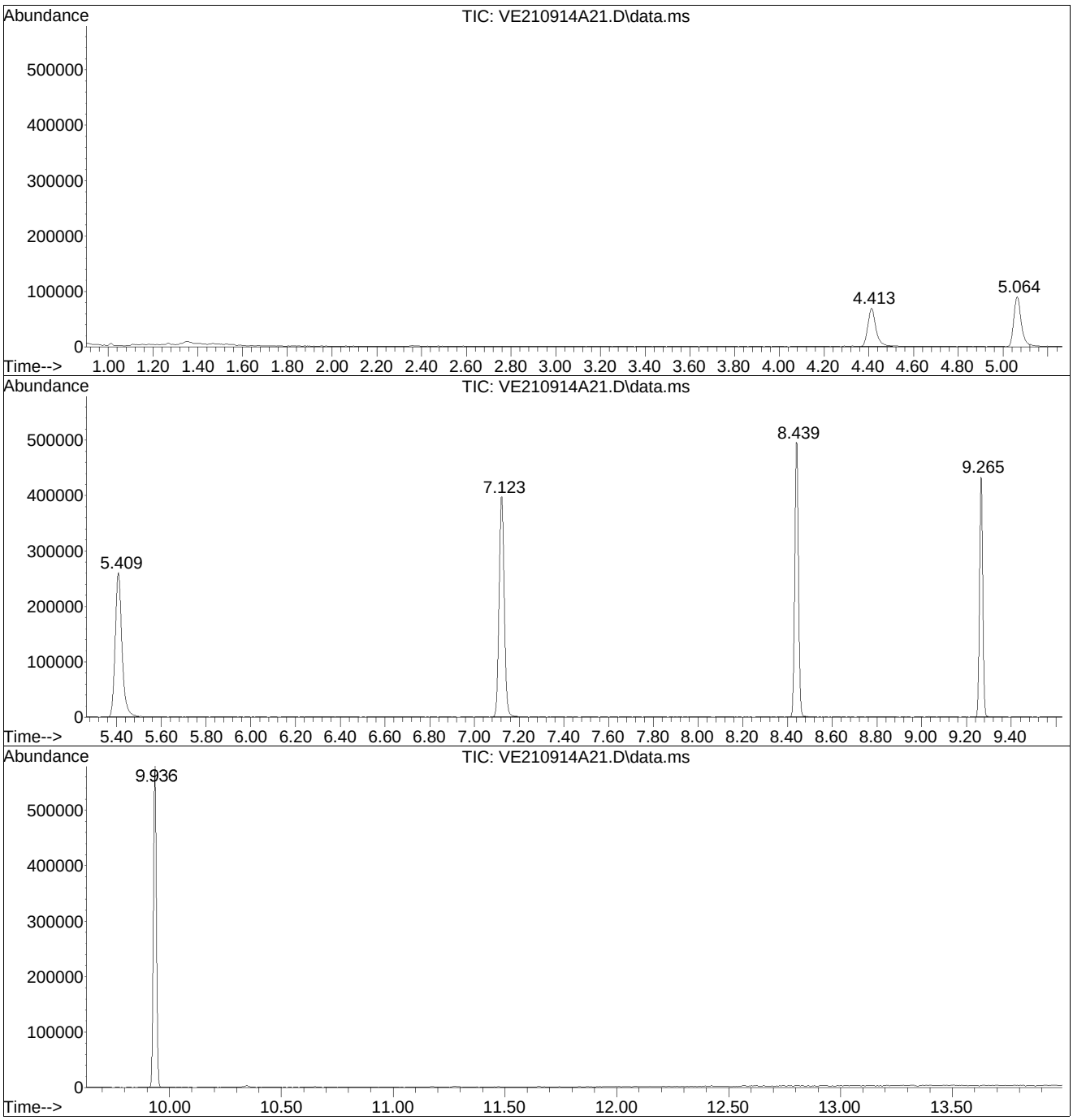
Sum of corrected areas: 3111622

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A21.D
Acq On : 14 Sep 2021 3:11 pm
Operator : ELAINE:PD
Sample : L2148526-09,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A21.D
Acq On : 14 Sep 2021 3:11 pm
Operator : ELAINE:PD
Sample : L2148526-09,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A21.D
Acq On : 14 Sep 2021 3:11 pm
Operator : ELAINE:PD
Sample : L2148526-09,31,10,10,,A,PRI
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

						Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Volatiles Standards Data

Initial Calibration

Initial Calibration Summary
Form 6
Volatiles

Client	**: Soils Engineering Services, Inc.**	**Lab Number**	**: L2148526**
Project Name	**: GROSSINGERS**	**Project Number**	**: 9313:11**
Instrument ID	**: ELAINE**	**Ical Ref**	**: ICAL18296**
Calibration dates	**: 09/09/21 12:16 09/09/21 15:32**		

Calibration Files
L11 =VE210909A04.D L1 =VE210909A06.D L2 =VE210909A08.D L3 =VE210909A09.D L4 =VE210909A10.D
L6 =VE210909A11.D L8 =VE210909A12.D L10 =VE210909A13.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------									
2)	TP	Dichlorodifluo		0.139	0.174	0.172	0.187	0.190	0.181	0.173	0.174	9.73
3)	TP	Chloromethane		0.224	0.251	0.228	0.229	0.225	0.227	0.221	0.229	4.30
4)	TC	Vinyl chloride	0.147	0.160	0.243	0.229	0.234	0.234	0.236	0.227	0.214	17.59
5)	TP	Bromomethane		0.114	0.112	0.097	0.104	0.111	0.120	0.121	0.111	7.55
6)	TP	Chloroethane		0.135	0.160	0.137	0.143	0.133	0.130	0.118	0.137	9.34
7)	TP	Trichlorofluor		0.197	0.265	0.258	0.279	0.286	0.282	0.265	0.262	11.58
8)	TP	Ethyl ether		0.077	0.119	0.108	0.114	0.109	0.113	0.111	0.107	12.79
10)	TC	1,1-Dichloroet		0.129	0.154	0.143	0.159	0.166	0.162	0.161	0.154	8.50
11)	TP	Carbon disulfide		0.353	0.444	0.416	0.432	0.431	0.435	0.419	0.418	7.26
12)	TP	Freon-113		0.104	0.160	0.157	0.169	0.174	0.175	0.165	0.158	15.52
13)	TP	Iodomethane			0.122	0.136	0.158	0.172	0.170	0.161	0.153	12.95
14)	TP	Acrolein			0.010	0.010	0.010	0.010	0.009	0.010	0.010#	2.23
15)	TP	Methylene chlo		0.234	0.213	0.192	0.196	0.192	0.193	0.186	0.201	8.36
17)	TP	Acetone			0.091	0.049	0.049	0.053	0.055	0.048	*L	0.9955
18)	TP	trans-1,2-Dich		0.144	0.185	0.164	0.168	0.169	0.176	0.174	0.168	7.60
19)	TP	Methyl acetate		0.164	0.120	0.098	0.101	0.110	0.116	0.114	0.118	18.63
20)	TP	Methyl tert butyl ether		0.519	0.575	0.541	0.574	0.567	0.576	0.555	0.558	3.87
21)	TP	tert-Butyl alc			0.016	0.018	0.018	0.019	0.019	0.018	0.018#	5.63
22)	TP	Diisopropyl ether		0.717	0.736	0.725	0.747	0.756	0.770	0.740	0.741	2.46
23)	TP	1,1-Dichloroet		0.347	0.422	0.394	0.409	0.404	0.415	0.402	0.399	6.24
24)	TP	Halothane		0.093	0.126	0.124	0.132	0.133	0.134	0.131	0.125	11.42
25)	TP	Acrylonitrile		0.077	0.053	0.055	0.056	0.057	0.058	0.057	0.059	13.58
26)	TP	Ethyl tert-but		0.688	0.729	0.739	0.764	0.784	0.795	0.767	0.752	4.87
27)	TP	Vinyl acetate		0.471	0.455	0.406	0.360	0.355	0.358	0.461	0.410	12.88
28)	TP	cis-1,2-Dichlo		0.203	0.211	0.193	0.191	0.194	0.198	0.192	0.198	3.63
29)	TP	2,2-Dichloropr		0.263	0.303	0.283	0.323	0.314	0.317	0.306	0.301	6.98
30)	TP	Bromochloromet		0.075	0.074	0.078	0.077	0.076	0.075	0.072	0.075	2.56
31)	TP	Cyclohexane		0.303	0.361	0.351	0.397	0.404	0.401	0.384	0.372	9.80
32)	TC	Chloroform		0.319	0.372	0.352	0.353	0.348	0.360	0.352	0.351	4.61
33)	TP	Ethyl acetate		0.236	0.170	0.152	0.160	0.160	0.167	0.163	0.172	16.46
34)	TP	Carbon tetrachloride		0.159	0.227	0.237	0.259	0.259	0.263	0.253	0.237	15.45
35)	TP	Tetrahydrofuran			0.048	0.038	0.042	0.042	0.045	0.045	0.043#	8.22
36)	S	Dibromofluoromethane	0.233	0.231	0.239	0.225	0.227	0.214	0.229	0.225	0.228	3.14
37)	TP	1,1,1-Trichlor		0.243	0.304	0.307	0.321	0.324	0.326	0.312	0.305	9.40
39)	TP	2-Butanone			0.051	0.078	0.092	0.090	0.091	0.076	0.079#	19.83

Initial Calibration Summary
Form 6
Volatiles

Client	**: Soils Engineering Services, Inc.**	**Lab Number**	**: L2148526**
Project Name	**: GROSSINGERS**	**Project Number**	**: 9313:11**
Instrument ID	**: ELAINE**	**Ical Ref**	**: ICAL18296**
Calibration dates	**: 09/09/21 12:16 09/09/21 15:32**		

Calibration Files
L11 =VE210909A04.D L1 =VE210909A06.D L2 =VE210909A08.D L3 =VE210909A09.D L4 =VE210909A10.D
L6 =VE210909A11.D L8 =VE210909A12.D L10 =VE210909A13.D

	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
40) TP	1,1-Dichloropr		0.154	0.237	0.250	0.272	0.278	0.279	0.271	0.249	17.94
41) TP	Benzene	0.722	0.722	0.789	0.751	0.793	0.798	0.808	0.775	0.770	4.43
42) TP	Tertiary-Amyl Methyl Ether		0.521	0.591	0.549	0.580	0.591	0.611	0.581	0.575	5.26
43) S	1,2-Dichloroethane-d4	0.333	0.343	0.345	0.330	0.326	0.324	0.343	0.334	0.335	2.43
44) TP	1,2-Dichloroet		0.322	0.328	0.301	0.312	0.313	0.320	0.309	0.315	2.90
47) TP	Methyl cyclohe		0.239	0.295	0.289	0.334	0.346	0.344	0.333	0.311	12.63
48) TP	Trichloroethene	0.132	0.157	0.187	0.187	0.210	0.214	0.217	0.202	0.188#	15.93
50) TP	Dibromomethane		0.112	0.117	0.106	0.105	0.104	0.108	0.105	0.108	4.37
51) TC	1,2-Dichloropr		0.208	0.220	0.213	0.222	0.227	0.231	0.224	0.221	3.56
53) TP	2-Chloroethyl		0.050	0.062	0.059	0.059	0.062	0.063	0.061	0.059	7.11
54) TP	Bromodichlorom		0.257	0.286	0.266	0.278	0.281	0.289	0.280	0.277	4.08
57) TP	1,4-Dioxane		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001#	3.87
58) TP	cis-1,3-Dichloropropene	0.268	0.314	0.301	0.298	0.320	0.329	0.335	0.327	0.311	7.03
59) I	Chlorobenzene-d5	----------ISTD----------									
60) S	Toluene-d8	1.341	1.369	1.367	1.364	1.388	1.380	1.385	1.407	1.375	1.42
61) TC	Toluene	0.685	0.668	0.700	0.675	0.734	0.737	0.741	0.725	0.708	4.18
62) TP	4-Methyl-2-pen		0.088	0.092	0.092	0.103	0.107	0.108	0.105	0.099#	8.28
63) TP	Tetrachloroethene		0.183	0.242	0.223	0.248	0.254	0.256	0.250	0.237	10.97
65) TP	trans-1,3-Dichloropropene	0.297	0.383	0.411	0.392	0.436	0.450	0.461	0.454	0.411	13.27
67) TP	Ethyl methacry		0.334	0.321	0.317	0.350	0.364	0.363	0.357	0.344	5.73
68) TP	1,1,2-Trichlor		0.168	0.168	0.177	0.192	0.197	0.200	0.197	0.186	7.57
69) TP	Chlorodibromom		0.192	0.214	0.221	0.245	0.251	0.256	0.250	0.233	10.36
70) TP	1,3-Dichloropr		0.441	0.409	0.376	0.422	0.429	0.434	0.429	0.420	5.21
71) TP	1,2-Dibromoethane		0.176	0.206	0.194	0.214	0.221	0.221	0.217	0.207	8.08
72) TP	2-Hexanone		0.212	0.165	0.163	0.201	0.193	0.195	0.174	0.186	10.15
73) TP	Chlorobenzene		0.656	0.709	0.681	0.728	0.708	0.718	0.697	0.700	3.46
74) TC	Ethylbenzene	1.234	1.125	1.366	1.325	1.421	1.401	1.378	1.303	1.319	7.47
75) TP	1,1,1,2-Tetrac		0.211	0.248	0.233	0.253	0.256	0.256	0.254	0.244	6.88
76) TP	p/m Xylene	0.405	0.427	0.485	0.477	0.510	0.495	0.488	0.462	0.468	7.61
77) TP	o Xylene	0.392	0.412	0.467	0.452	0.485	0.473	0.464	0.439	0.448	7.13
78) TP	Styrene	0.708	0.729	0.815	0.811	0.867	0.833	0.808	0.735	0.788	7.22
79) I	1,4-Dichlorobenzene-d4	----------ISTD----------									
80) TP	Bromoform		0.245	0.258	0.259	0.291	0.297	0.293	0.290	0.276	7.70
82) TP	Isopropylbenzene		2.253	2.514	2.517	2.697	2.625	2.537	2.413	2.508	5.74
83) S	4-Bromofluorobenzene	1.182	1.204	1.195	1.189	1.219	1.179	1.166	1.157	1.186	1.70
84) TP	Bromobenzene		0.524	0.571	0.536	0.575	0.554	0.549	0.539	0.550	3.36

Initial Calibration Summary
Form 6
Volatiles

Client	**: Soils Engineering Services, Inc.**	**Lab Number**	**: L2148526**
Project Name	**: GROSSINGERS**	**Project Number**	**: 9313:11**
Instrument ID	**: ELAINE**	**Ical Ref**	**: ICAL18296**
Calibration dates	**: 09/09/21 12:16 09/09/21 15:32**		

Calibration Files
L11 =VE210909A04.D L1 =VE210909A06.D L2 =VE210909A08.D L3 =VE210909A09.D L4 =VE210909A10.D
L6 =VE210909A11.D L8 =VE210909A12.D L10 =VE210909A13.D

	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
85) TP	n-Propylbenzene		2.421	2.997	3.095	3.325	3.214	3.124	2.875	3.008	9.85
86) TP	1,4-Dichlorobu		0.966	1.093	1.012	1.074	1.055	1.054	1.009	1.037	4.25
87) TP	1,1,2,2-Tetrac		0.514	0.478	0.499	0.521	0.517	0.515	0.522	0.509	3.04
88) TP	4-Ethyltoluene		2.002	2.324	2.387	2.593	2.487	2.439	2.319	2.364	7.89
89) TP	2-Chlorotoluene		1.926	2.195	2.200	2.357	2.267	2.219	2.143	2.187	6.09
90) TP	1,3,5-Trimethy		1.843	2.062	2.100	2.270	2.183	2.137	2.058	2.093	6.35
91) TP	1,2,3-Trichlor		0.422	0.466	0.449	0.486	0.478	0.473	0.455	0.461	4.62
92) TP	trans-1,4-Dich		0.202	0.195	0.186	0.189	0.196	0.195	0.189	0.193	2.83
93) TP	4-Chlorotoluene		1.915	2.019	1.980	2.107	2.036	1.996	1.923	1.997	3.33
94) TP	tert-Butylbenzene		1.426	1.631	1.706	1.871	1.778	1.730	1.679	1.689	8.22
97) TP	1,2,4-Trimethy		1.763	2.026	2.094	2.245	2.177	2.133	2.053	2.070	7.46
98) TP	sec-Butylbenzene		2.195	2.486	2.582	2.809	2.725	2.613	2.475	2.555	7.80
99) TP	p-Isopropyltol		1.787	2.031	2.079	2.304	2.246	2.165	2.097	2.101	8.02
100) TP	1,3-Dichlorobe		0.933	1.053	1.024	1.090	1.059	1.046	1.025	1.033	4.76
101) TP	1,4-Dichlorobe		0.966	1.074	1.030	1.079	1.059	1.037	1.026	1.039	3.67
102) TP	p-Diethylbenzene		1.009	1.126	1.187	1.323	1.293	1.259	1.277	1.211	9.21
103) TP	n-Butylbenzene		1.410	1.799	1.941	2.155	2.130	2.070	2.047	1.936	13.53
104) TP	1,2-Dichlorobe		0.946	0.989	0.963	1.031	1.004	0.977	0.977	0.984	2.81
105) TP	1,2,4,5-Tetram		1.575	1.813	1.879	2.073	2.029	1.999	2.001	1.910	9.06
106) TP	1,2-Dibromo-3-		0.078	0.068	0.068	0.076	0.075	0.075	0.080	0.074	6.45
107) TP	1,3,5-Trichlor		0.592	0.636	0.656	0.694	0.686	0.699	0.713	0.668	6.39
108) TP	Hexachlorobuta		0.187	0.194	0.206	0.240	0.247	0.248	0.254	0.225	12.58
109) TP	1,2,4-Trichlor		0.547	0.634	0.587	0.656	0.645	0.678	0.675	0.632	7.65
110) TP	Naphthalene		1.472	1.522	1.482	1.620	1.594	1.633	1.598	1.560	4.28
111) TP	1,2,3-Trichlor		0.500	0.557	0.552	0.602	0.594	0.622	0.609	0.576	7.43

Response Factor Report Elaine

Method Path : I:\VOLATILES\Elaine\2021\210909A\
Method File : Elaine_210909A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Mon Sep 13 11:35:38 2021
Response Via : Initial Calibration

Calibration Files
L11 =VE210909A04.D L1 =VE210909A06.D L2 =VE210909A08.D L3 =VE210909A09.D L4 =VE210909A10.D
L6 =VE210909A11.D L8 =VE210909A12.D L10 =VE210909A13.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1)	I	Fluorobenzene	----------	----------	ISTD	----------	----------	----------	----------	----------		
2)	TP	Dichlorodifluo...		0.139	0.174	0.172	0.187	0.190	0.181	0.173	0.174	9.73
3)	TP	Chloromethane		0.224	0.251	0.228	0.229	0.225	0.227	0.221	0.229	4.30
4)	TC	Vinyl chloride	0.147	0.160	0.243	0.229	0.234	0.234	0.236	0.227	0.214	17.59
5)	TP	Bromomethane		0.114	0.112	0.097	0.104	0.111	0.120	0.121	0.111	7.55
6)	TP	Chloroethane		0.135	0.160	0.137	0.143	0.133	0.130	0.118	0.137	9.34
7)	TP	Trichlorofluor...		0.197	0.265	0.258	0.279	0.286	0.282	0.265	0.262	11.58
8)	TP	Ethyl ether		0.077	0.119	0.108	0.114	0.109	0.113	0.111	0.107	12.79
10)	TC	1,1-Dichloroet...		0.129	0.154	0.143	0.159	0.166	0.162	0.161	0.154	8.50
11)	TP	Carbon disulfide		0.353	0.444	0.416	0.432	0.431	0.435	0.419	0.418	7.26
12)	TP	Freon-113		0.104	0.160	0.157	0.169	0.174	0.175	0.165	0.158	15.52
13)	TP	Iodomethane			0.122	0.136	0.158	0.172	0.170	0.161	0.153	12.95
14)	TP	Acrolein			0.010	0.010	0.010	0.010	0.009	0.010	0.010#	2.23
15)	TP	Methylene chlo...		0.234	0.213	0.192	0.196	0.192	0.193	0.186	0.201	8.36
17)	TP	Acetone			0.091	0.049	0.049	0.053	0.055	0.048	*L	0.9955
18)	TP	trans-1,2-Dich...		0.144	0.185	0.164	0.168	0.169	0.176	0.174	0.168	7.60
19)	TP	Methyl acetate		0.164	0.120	0.098	0.101	0.110	0.116	0.114	0.118	18.63
20)	TP	Methyl tert-bu...		0.519	0.575	0.541	0.574	0.567	0.576	0.555	0.558	3.87
21)	TP	tert-Butyl alc...			0.016	0.018	0.018	0.019	0.019	0.018	0.018#	5.63
22)	TP	Diisopropyl ether		0.717	0.736	0.725	0.747	0.756	0.770	0.740	0.741	2.46
23)	TP	1,1-Dichloroet...		0.347	0.422	0.394	0.409	0.404	0.415	0.402	0.399	6.24
24)	TP	Halothane		0.093	0.126	0.124	0.132	0.133	0.134	0.131	0.125	11.42
25)	TP	Acrylonitrile		0.077	0.053	0.055	0.056	0.057	0.058	0.057	0.059	13.58
26)	TP	Ethyl tert-but...		0.688	0.729	0.739	0.764	0.784	0.795	0.767	0.752	4.87
27)	TP	Vinyl acetate		0.471	0.455	0.406	0.360	0.355	0.358	0.461	0.410	12.88
28)	TP	cis-1,2-Dichlo...		0.203	0.211	0.193	0.191	0.194	0.198	0.192	0.198	3.63
29)	TP	2,2-Dichloropr...		0.263	0.303	0.283	0.323	0.314	0.317	0.306	0.301	6.98
30)	TP	Bromochloromet...		0.075	0.074	0.078	0.077	0.076	0.075	0.072	0.075	2.56
31)	TP	Cyclohexane		0.303	0.361	0.351	0.397	0.404	0.401	0.384	0.372	9.80
32)	TC	Chloroform		0.319	0.372	0.352	0.353	0.348	0.360	0.352	0.351	4.61
33)	TP	Ethyl acetate		0.236	0.170	0.152	0.160	0.160	0.167	0.163	0.172	16.46

Method Path : I:\VOLATILES\Elaine\2021\210909A\
Method File : Elaine_210909A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Mon Sep 13 11:35:38 2021
Response Via : Initial Calibration

Calibration Files
L11 =VE210909A04.D L1 =VE210909A06.D L2 =VE210909A08.D L3 =VE210909A09.D L4 =VE210909A10.D
L6 =VE210909A11.D L8 =VE210909A12.D L10 =VE210909A13.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
34)	TP	Carbon tetrach...	0.159	0.227	0.237	0.259	0.259	0.263	0.253	0.237	15.45	
35)	TP	Tetrahydrofuran		0.048	0.038	0.042	0.042	0.045	0.045	0.043#	8.22	
36)	S	Dibromofluorom...	0.233	0.231	0.239	0.225	0.227	0.214	0.229	0.225	0.228	3.14
37)	TP	1,1,1-Trichlor...	0.243	0.304	0.307	0.321	0.324	0.326	0.312	0.305	9.40	
39)	TP	2-Butanone		0.051	0.078	0.092	0.090	0.091	0.076	0.079#	19.83	
40)	TP	1,1-Dichloropr...	0.154	0.237	0.250	0.272	0.278	0.279	0.271	0.249	17.94	
41)	TP	Benzene	0.722	0.722	0.789	0.751	0.793	0.798	0.808	0.775	0.770	4.43
42)	TP	tert-Amyl meth...	0.521	0.591	0.549	0.580	0.591	0.611	0.581	0.575	5.26	
43)	S	1,2-Dichloroet...	0.333	0.343	0.345	0.330	0.326	0.324	0.343	0.334	0.335	2.43
44)	TP	1,2-Dichloroet...	0.322	0.328	0.301	0.312	0.313	0.320	0.309	0.315	2.90	
47)	TP	Methyl cyclohe...	0.239	0.295	0.289	0.334	0.346	0.344	0.333	0.311	12.63	
48)	TP	Trichloroethene	0.132	0.157	0.187	0.187	0.210	0.214	0.217	0.202	0.188#	15.93
50)	TP	Dibromomethane	0.112	0.117	0.106	0.105	0.104	0.108	0.105	0.108	4.37	
51)	TC	1,2-Dichloropr...	0.208	0.220	0.213	0.222	0.227	0.231	0.224	0.221	3.56	
53)	TP	2-Chloroethyl ...	0.050	0.062	0.059	0.059	0.062	0.063	0.061	0.059	7.11	
54)	TP	Bromodichlorom...	0.257	0.286	0.266	0.278	0.281	0.289	0.280	0.277	4.08	
57)	TP	1,4-Dioxane	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001#	3.87	
58)	TP	cis-1,3-Dichlo...	0.268	0.314	0.301	0.298	0.320	0.329	0.335	0.327	0.311	7.03
59)	I	Chlorobenzene-d5	----------ISTD----------									
60)	S	Toluene-d8	1.341	1.369	1.367	1.364	1.388	1.380	1.385	1.407	1.375	1.42
61)	TC	Toluene	0.685	0.668	0.700	0.675	0.734	0.737	0.741	0.725	0.708	4.18
62)	TP	4-Methyl-2-pen...	0.088	0.092	0.092	0.103	0.107	0.108	0.105	0.099#	8.28	
63)	TP	Tetrachloroethene	0.183	0.242	0.223	0.248	0.254	0.256	0.250	0.237	10.97	
65)	TP	trans-1,3-Dich...	0.297	0.383	0.411	0.392	0.436	0.450	0.461	0.454	0.411	13.27
67)	TP	Ethyl methacry...	0.334	0.321	0.317	0.350	0.364	0.363	0.357	0.344	5.73	
68)	TP	1,1,2-Trichlor...	0.168	0.168	0.177	0.192	0.197	0.200	0.197	0.186	7.57	
69)	TP	Chlorodibromom...	0.192	0.214	0.221	0.245	0.251	0.256	0.250	0.233	10.36	
70)	TP	1,3-Dichloropr...	0.441	0.409	0.376	0.422	0.429	0.434	0.429	0.420	5.21	
71)	TP	1,2-Dibromoethane	0.176	0.206	0.194	0.214	0.221	0.221	0.217	0.207	8.08	
72)	TP	2-Hexanone	0.212	0.165	0.163	0.201	0.193	0.195	0.174	0.186	10.15	
73)	TP	Chlorobenzene	0.656	0.709	0.681	0.728	0.708	0.718	0.697	0.700	3.46	

Method Path : I:\VOLATILES\Elaine\2021\210909A\
Method File : Elaine_210909A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Mon Sep 13 11:35:38 2021
Response Via : Initial Calibration

Calibration Files
L11 =VE210909A04.D L1 =VE210909A06.D L2 =VE210909A08.D L3 =VE210909A09.D L4 =VE210909A10.D
L6 =VE210909A11.D L8 =VE210909A12.D L10 =VE210909A13.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
74)	TC	Ethylbenzene	1.234	1.125	1.366	1.325	1.421	1.401	1.378	1.303	1.319	7.47
75)	TP	1,1,1,2-Tetrac...		0.211	0.248	0.233	0.253	0.256	0.256	0.254	0.244	6.88
76)	TP	p/m Xylene	0.405	0.427	0.485	0.477	0.510	0.495	0.488	0.462	0.468	7.61
77)	TP	o Xylene	0.392	0.412	0.467	0.452	0.485	0.473	0.464	0.439	0.448	7.13
78)	TP	Styrene	0.708	0.729	0.815	0.811	0.867	0.833	0.808	0.735	0.788	7.22
79)	I	1,4-Dichlorobenzene-d4	----------ISTD----------									
80)	TP	Bromoform		0.245	0.258	0.259	0.291	0.297	0.293	0.290	0.276	7.70
82)	TP	Isopropylbenzene		2.253	2.514	2.517	2.697	2.625	2.537	2.413	2.508	5.74
83)	S	4-Bromofluorob...	1.182	1.204	1.195	1.189	1.219	1.179	1.166	1.157	1.186	1.70
84)	TP	Bromobenzene		0.524	0.571	0.536	0.575	0.554	0.549	0.539	0.550	3.36
85)	TP	n-Propylbenzene		2.421	2.997	3.095	3.325	3.214	3.124	2.875	3.008	9.85
86)	TP	1,4-Dichlorobu...		0.966	1.093	1.012	1.074	1.055	1.054	1.009	1.037	4.25
87)	TP	1,1,2,2-Tetrac...		0.514	0.478	0.499	0.521	0.517	0.515	0.522	0.509	3.04
88)	TP	4-Ethyltoluene		2.002	2.324	2.387	2.593	2.487	2.439	2.319	2.364	7.89
89)	TP	2-Chlorotoluene		1.926	2.195	2.200	2.357	2.267	2.219	2.143	2.187	6.09
90)	TP	1,3,5-Trimethy...		1.843	2.062	2.100	2.270	2.183	2.137	2.058	2.093	6.35
91)	TP	1,2,3-Trichlor...		0.422	0.466	0.449	0.486	0.478	0.473	0.455	0.461	4.62
92)	TP	trans-1,4-Dich...		0.202	0.195	0.186	0.189	0.196	0.195	0.189	0.193	2.83
93)	TP	4-Chlorotoluene		1.915	2.019	1.980	2.107	2.036	1.996	1.923	1.997	3.33
94)	TP	tert-Butylbenzene		1.426	1.631	1.706	1.871	1.778	1.730	1.679	1.689	8.22
97)	TP	1,2,4-Trimethy...		1.763	2.026	2.094	2.245	2.177	2.133	2.053	2.070	7.46
98)	TP	sec-Butylbenzene		2.195	2.486	2.582	2.809	2.725	2.613	2.475	2.555	7.80
99)	TP	p-Isopropyltol...		1.787	2.031	2.079	2.304	2.246	2.165	2.097	2.101	8.02
100)	TP	1,3-Dichlorobe...		0.933	1.053	1.024	1.090	1.059	1.046	1.025	1.033	4.76
101)	TP	1,4-Dichlorobe...		0.966	1.074	1.030	1.079	1.059	1.037	1.026	1.039	3.67
102)	TP	p-Diethylbenzene		1.009	1.126	1.187	1.323	1.293	1.259	1.277	1.211	9.21
103)	TP	n-Butylbenzene		1.410	1.799	1.941	2.155	2.130	2.070	2.047	1.936	13.53
104)	TP	1,2-Dichlorobe...		0.946	0.989	0.963	1.031	1.004	0.977	0.977	0.984	2.81
105)	TP	1,2,4,5-Tetram...		1.575	1.813	1.879	2.073	2.029	1.999	2.001	1.910	9.06
106)	TP	1,2-Dibromo-3-...		0.078	0.068	0.068	0.076	0.075	0.075	0.080	0.074	6.45
107)	TP	1,3,5-Trichlor...		0.592	0.636	0.656	0.694	0.686	0.699	0.713	0.668	6.39

Method Path : I:\VOLATILES\Elaine\2021\210909A\
Method File : Elaine_210909A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Mon Sep 13 11:35:38 2021
Response Via : Initial Calibration

Calibration Files
L11 =VE210909A04.D L1 =VE210909A06.D L2 =VE210909A08.D L3 =VE210909A09.D L4 =VE210909A10.D
L6 =VE210909A11.D L8 =VE210909A12.D L10 =VE210909A13.D

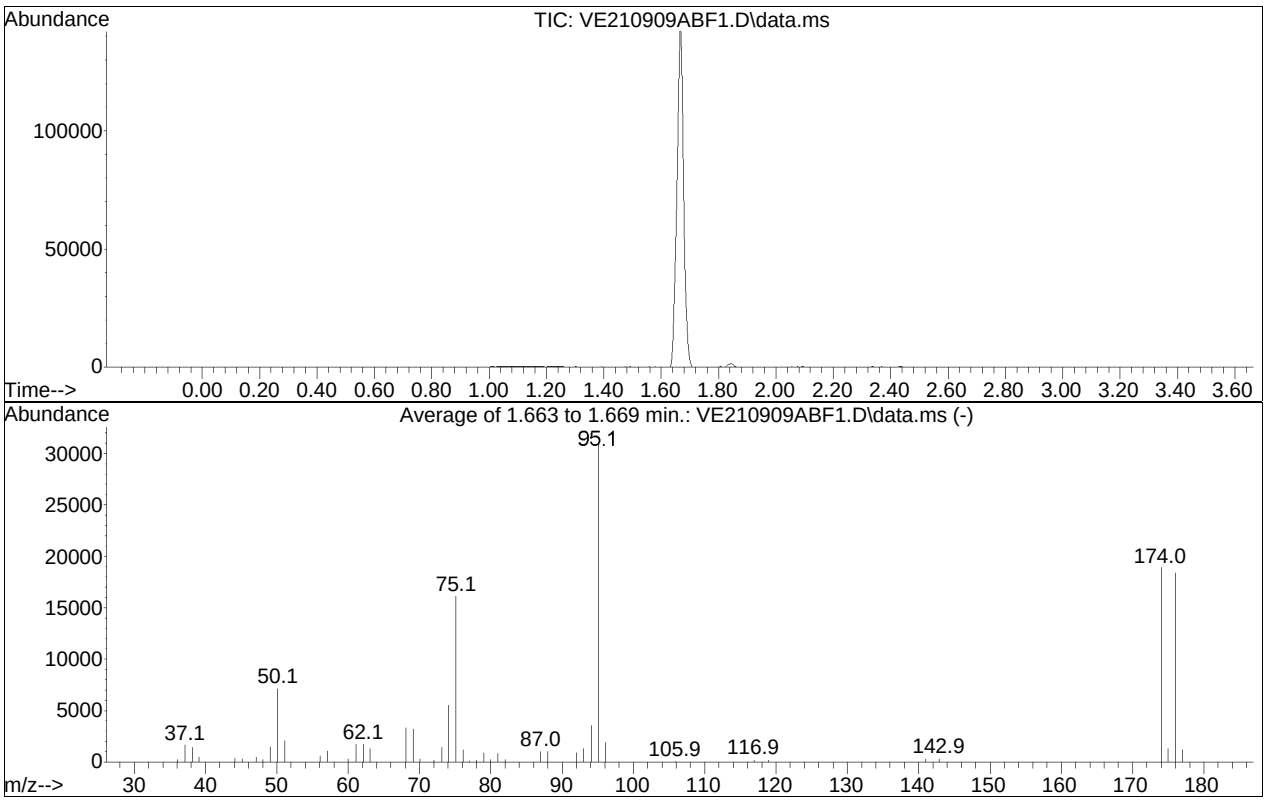
	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
108)	TP Hexachlorobuta...	0.187	0.194	0.206	0.240	0.247	0.248	0.254	0.225	12.58	
109)	TP 1,2,4-Trichlor...	0.547	0.634	0.587	0.656	0.645	0.678	0.675	0.632	7.65	
110)	TP Naphthalene	1.472	1.522	1.482	1.620	1.594	1.633	1.598	1.560	4.28	
111)	TP 1,2,3-Trichlor...	0.500	0.557	0.552	0.602	0.594	0.622	0.609	0.576	7.43	

(#) = Out of Range

Data Path : I:\VOLATILES\Elaine\2021\210909A\
Data File : VE210909ABF1.D
Acq On : 9 Sep 2021 10:54 am
Operator : ELAINE:PD
Sample : WG1545678-1
Misc : WG1545678
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\VOLATILES\Elaine\2021\210909A\Elaine_210909A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Mon Sep 13 11:35:38 2021



AutoFind: Scans 242, 243, 244; Background Corrected with Scan 228

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	23.0	7146	PASS
75	95	30	60	51.9	16105	PASS
95	95	100	100	100.0	31045	PASS
96	95	5	9	6.2	1916	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	60.9	18901	PASS
175	174	5	9	7.2	1360	PASS
176	174	95	101	97.2	18376	PASS
177	176	5	9	6.5	1199	PASS

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2021\210909A\
Data File : VE210909A04.D
Acq On : 9 Sep 2021 12:16 pm
Operator : ELAINE:NLK
Sample : I8260STD0.19PPB
Misc : WG1545678,ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 13 11:39:09 2021
Quant Method : I:\VOLATILES\Elaine\2021\210909A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:40 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2021\210909A\VE210909A09.D
Sub List : 8260-L11 - Level 11 for 8260-LRR product

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.409	96	218147	10.000	ug/L	0.00
Standard Area 1 = 231987			Recovery = 94.03%			
59) Chlorobenzene-d5	8.442	117	152777	10.000	ug/L	0.00
Standard Area 1 = 160220			Recovery = 95.35%			
79) 1,4-Dichlorobenzene-d4	9.936	152	75671	10.000	ug/L	0.00
Standard Area 1 = 78675			Recovery = 96.18%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.413	113	50871	10.237	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.37%			
43) 1,2-Dichloroethane-d4	5.064	65	72550	9.935	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.35%			
60) Toluene-d8	7.123	98	204897	9.753	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.53%			
83) 4-Bromofluorobenzene	9.265	95	89438	9.963	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.63%			
Target Compounds						Qvalue
4) Vinyl chloride	1.091	62	610	0.131	ug/L	89
34) Carbon tetrachloride	4.285	117	374M1	0.072	ug/L	
41) Benzene	4.875	78	2992	0.178	ug/L #	66
48) Trichloroethene	5.604	95	547	0.133	ug/L #	82
58) cis-1,3-Dichloropropene	6.953	75	1110	0.163	ug/L #	71
61) Toluene	7.173	92	1987	0.184	ug/L	90
65) trans-1,3-Dichloropropene	7.610	75	861	0.137	ug/L #	65
74) Ethylbenzene	8.492	91	3583	0.178	ug/L	100
76) p/m Xylene	8.600	106	2351	0.329	ug/L	87
77) o Xylene	8.887	106	2274	0.332	ug/L	92
78) Styrene	8.926	104	4109	0.341	ug/L	100

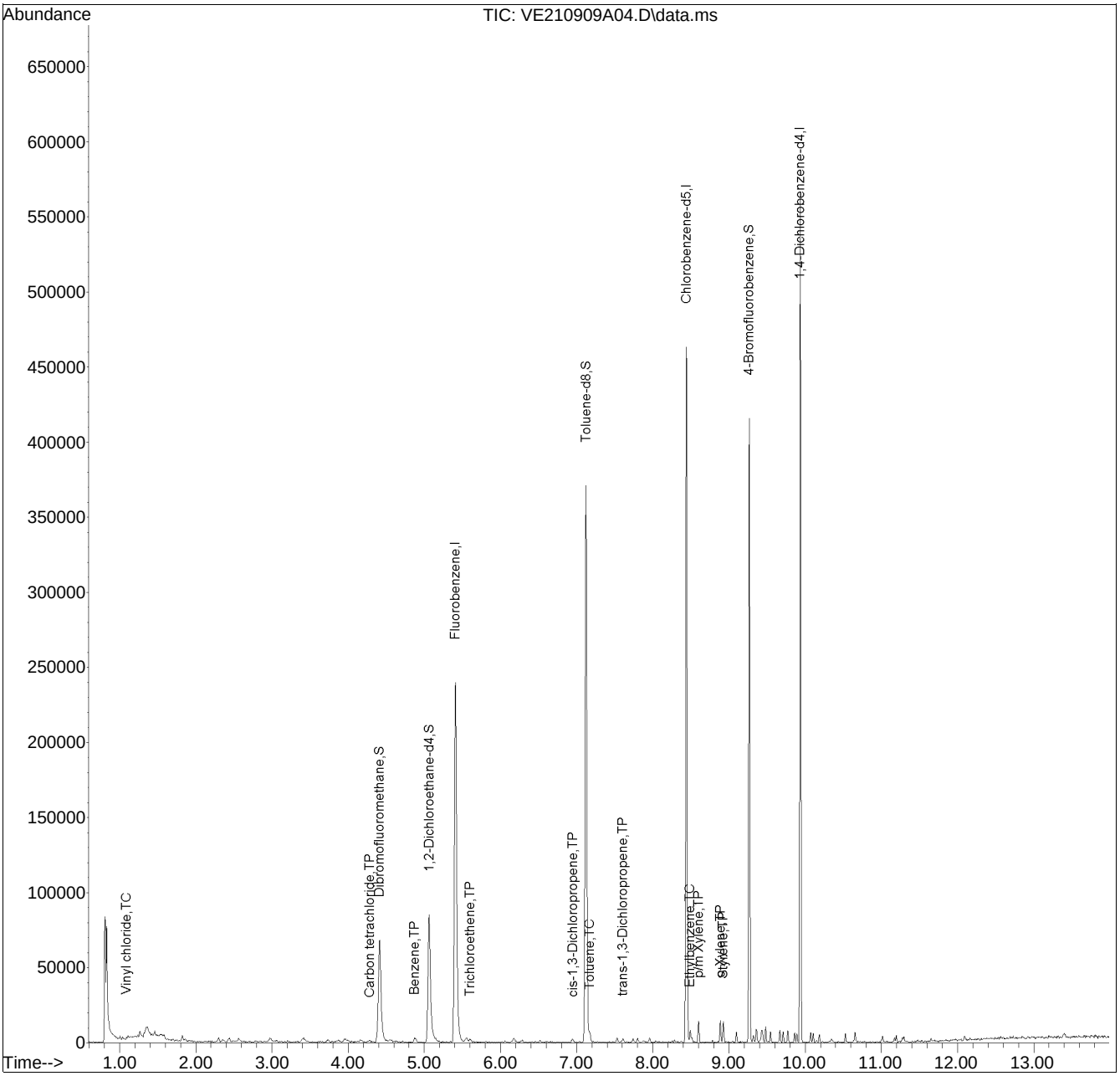
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2021\210909A\
Data File : VE210909A04.D
Acq On : 9 Sep 2021 12:16 pm
Operator : ELAINE:NLK
Sample : I8260STD0.19PPB
Misc : WG1545678,ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 13 11:39:09 2021
Quant Method : I:\VOLATILES\Elaine\2021\210909A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:40 2021
Response via : Initial Calibration

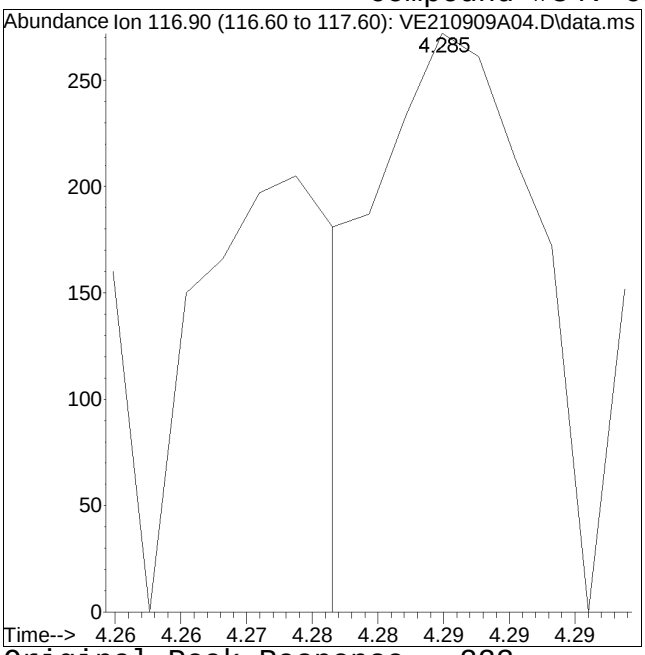
Sub List : 8260-L11 - Level 11 for 8260-LRR product10909A09.D•



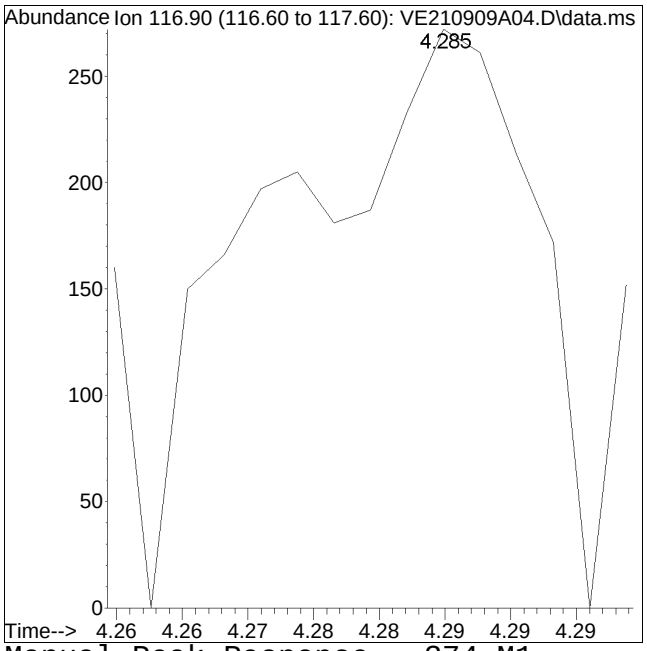
Manual Integration Report

Data Path : I:\VOLATILES\Elaine\2021\2QMethod : Elaine_210909A_8260.m
Data File : VE210909A04.D Operator : ELAINE:NLK
Date Inj'd : 9/9/2021 12:16 pm Instrument : Elaine
Sample : I8260STD0.19PPB Quant Date : 9/13/2021 11:39 am

Compound #34: Carbon tetrachloride



Original Peak Response = 223



Manual Peak Response = 374 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2021\210909A\
Data File : VE210909A06.D
Acq On : 9 Sep 2021 12:59 pm
Operator : ELAINE:NLK
Sample : I8260STD0.5PPB
Misc : WG1545678,ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 13 11:39:17 2021
Quant Method : I:\VOLATILES\Elaine\2021\210909A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:40 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2021\210909A\VE210909A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.409	96	211800	10.000	ug/L	0.00
Standard Area 1 = 231987			Recovery = 91.30%			
59) Chlorobenzene-d5	8.441	117	148063	10.000	ug/L	0.00
Standard Area 1 = 160220			Recovery = 92.41%			
79) 1,4-Dichlorobenzene-d4	9.936	152	73711	10.000	ug/L	0.00
Standard Area 1 = 78675			Recovery = 93.69%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.416	113	48907	10.136	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.36%			
43) 1,2-Dichloroethane-d4	5.061	65	72749	10.261	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.61%			
60) Toluene-d8	7.120	98	202645	9.953	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.53%			
83) 4-Bromofluorobenzene	9.265	95	88740	10.148	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.48%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.921	85	1470	0.400	ug/L #	95
3) Chloromethane	1.041	50	2377	0.489	ug/L #	93
4) Vinyl chloride	1.091	62	1693	0.374	ug/L	99
5) Bromomethane	1.291	94	1205	0.510	ug/L	94
6) Chloroethane	1.372	64	1431	0.495	ug/L	82
7) Trichlorofluoromethane	1.466	101	2089	0.377	ug/L	100
8) Ethyl ether	1.692	74	820	0.361	ug/L	95
10) 1,1-Dichloroethene	1.820	96	1370	0.421	ug/L	76
11) Carbon disulfide	1.828	76	3738	0.422	ug/L	92
12) Freon-113	1.853	101	1103	0.330	ug/L	95
13) Iodomethane	1.917	142	897	0.277	ug/L #	75
14) Acrolein	2.092	56	229	1.105	ug/L	96
15) Methylene chloride	2.298	84	2479	0.583	ug/L	78
17) Acetone	2.362	43	2453	1.012	ug/L #	77
18) trans-1,2-Dichloroethene	2.440	96	1524	0.427	ug/L	87
19) Methyl acetate	2.487	43	1736M1	0.697	ug/L	
20) Methyl tert-butyl ether	2.563	73	5491	0.465	ug/L #	89
21) tert-Butyl alcohol	2.724	59	137	0.361	ug/L #	1
22) Diisopropyl ether	2.969	45	7590	0.483	ug/L #	87
23) 1,1-Dichloroethane	3.063	63	3672	0.434	ug/L #	71
24) Halothane	3.203	117	990	0.375	ug/L #	68

Data Path : I:\VOLATILES\Elaine\2021\210909A\
Data File : VE210909A06.D
Acq On : 9 Sep 2021 12:59 pm
Operator : ELAINE:NLK
Sample : I8260STD0.5PPB
Misc : WG1545678,ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 13 11:39:17 2021
Quant Method : I:\VOLATILES\Elaine\2021\210909A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:40 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2021\210909A\VE210909A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Acrylonitrile	3.147	53	813M1	0.651	ug/L		
26) Ethyl tert-butyl ether	3.408	59	7285M1	0.457	ug/L		
27) Vinyl acetate	3.425	43	4993M1	0.576	ug/L		
28) cis-1,2-Dichloroethene	3.731	96	2151	0.514	ug/L	#	13
29) 2,2-Dichloropropane	3.867	77	2788	0.437	ug/L	#	70
30) Bromochloromethane	3.995	128	790M1	0.494	ug/L		
31) Cyclohexane	3.968	56	3208M1	0.408	ug/L		
32) Chloroform	4.162	83	3375	0.454	ug/L		93
33) Ethyl acetate	4.424	43	2495M4	0.683	ug/L		
34) Carbon tetrachloride	4.293	117	1686M1	0.336	ug/L		
35) Tetrahydrofuran	0.000		0	N.D.	d		
37) 1,1,1-Trichloroethane	4.385	97	2576	0.398	ug/L		92
39) 2-Butanone	4.621	43	1306	0.777	ug/L	#	77
40) 1,1-Dichloropropene	4.563	75	1627	0.309	ug/L	#	82
41) Benzene	4.875	78	7647	0.469	ug/L		91
42) tert-Amyl methyl ether	5.103	73	5518	0.453	ug/L	#	70
44) 1,2-Dichloroethane	5.145	62	3415	0.512	ug/L	#	87
47) Methyl cyclohexane	5.559	83	2529	0.384	ug/L		98
48) Trichloroethene	5.606	95	1660	0.417	ug/L	#	38
50) Dibromomethane	6.057	93	1184	0.517	ug/L	#	79
51) 1,2-Dichloropropane	6.168	63	2200	0.471	ug/L	#	83
53) 2-Chloroethyl vinyl ether	6.939	63	534	0.424	ug/L	#	66
54) Bromodichloromethane	6.285	83	2720	0.464	ug/L	#	94
57) 1,4-Dioxane	6.516	88	2706M1	94.238	ug/L		
58) cis-1,3-Dichloropropene	6.947	75	3320	0.504	ug/L		96
61) Toluene	7.170	92	4946	0.472	ug/L		91
62) 4-Methyl-2-pentanone	7.590	58	652	0.443	ug/L		80
63) Tetrachloroethene	7.532	166	1357	0.387	ug/L		91
65) trans-1,3-Dichloropropene	7.612	75	2836	0.466	ug/L		80
67) Ethyl methacrylate	7.802	69	2470	0.486	ug/L		86
68) 1,1,2-Trichloroethane	7.746	83	1246	0.453	ug/L		87
69) Chlorodibromomethane	7.877	129	1418	0.412	ug/L		90
70) 1,3-Dichloropropane	7.955	76	3262	0.525	ug/L		98
71) 1,2-Dibromoethane	8.035	107	1302	0.425	ug/L		94
72) 2-Hexanone	8.283	43	1567	0.569	ug/L	#	73
73) Chlorobenzene	8.453	112	4859	0.469	ug/L	#	72
74) Ethylbenzene	8.492	91	8330	0.426	ug/L		99
75) 1,1,1,2-Tetrachloroethane	8.514	131	1561	0.432	ug/L	#	66
76) p/m Xylene	8.600	106	6320	0.911	ug/L		92
77) o Xylene	8.884	106	6106	0.921	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2021\210909A\
Data File : VE210909A06.D
Acq On : 9 Sep 2021 12:59 pm
Operator : ELAINE:NLK
Sample : I8260STD0.5PPB
Misc : WG1545678,ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 13 11:39:17 2021
Quant Method : I:\VOLATILES\Elaine\2021\210909A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:40 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2021\210909A\VE210909A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
78) Styrene	8.926	104	10793	0.925	ug/L		98
80) Bromoform	8.928	173	904	0.444	ug/L		87
82) Isopropylbenzene	9.095	105	8302	0.449	ug/L		98
84) Bromobenzene	9.321	156	1931	0.476	ug/L		83
85) n-Propylbenzene	9.357	91	8923	0.403	ug/L		100
86) 1,4-Dichlorobutane	9.365	55	3559	0.465	ug/L		93
87) 1,1,2,2-Tetrachloroethane	9.415	83	1894	0.505	ug/L		91
88) 4-Ethyltoluene	9.426	105	7378	0.423	ug/L		99
89) 2-Chlorotoluene	9.440	91	7098	0.440	ug/L		93
90) 1,3,5-Trimethylbenzene	9.482	105	6793	0.440	ug/L		100
91) 1,2,3-Trichloropropane	9.482	75	1557	0.458	ug/L		88
92) trans-1,4-Dichloro-2-b...	9.515	53	746	0.524	ug/L	#	78
93) 4-Chlorotoluene	9.543	91	7058	0.480	ug/L		92
94) tert-Butylbenzene	9.668	119	5254	0.422	ug/L	#	82
97) 1,2,4-Trimethylbenzene	9.710	105	6498	0.426	ug/L		100
98) sec-Butylbenzene	9.771	105	8090	0.430	ug/L		95
99) p-Isopropyltoluene	9.860	119	6586	0.425	ug/L		95
100) 1,3-Dichlorobenzene	9.891	146	3440	0.452	ug/L		99
101) 1,4-Dichlorobenzene	9.944	146	3562	0.465	ug/L	#	76
102) p-Diethylbenzene	10.072	119	3718	0.417	ug/L		93
103) n-Butylbenzene	10.102	91	5195	0.364	ug/L	#	87
104) 1,2-Dichlorobenzene	10.186	146	3488	0.481	ug/L		96
105) 1,2,4,5-Tetramethylben...	10.525	119	5804	0.412	ug/L		97
106) 1,2-Dibromo-3-chloropr...	10.645	155	286	0.523	ug/L		99
107) 1,3,5-Trichlorobenzene	10.656	180	2182	0.443	ug/L		91
108) Hexachlorobutadiene	10.998	225	691	0.416	ug/L	#	81
109) 1,2,4-Trichlorobenzene	11.015	180	2016	0.433	ug/L		89
110) Naphthalene	11.196	128	5424	0.472	ug/L		100
111) 1,2,3-Trichlorobenzene	11.296	180	1841	0.433	ug/L	#	94

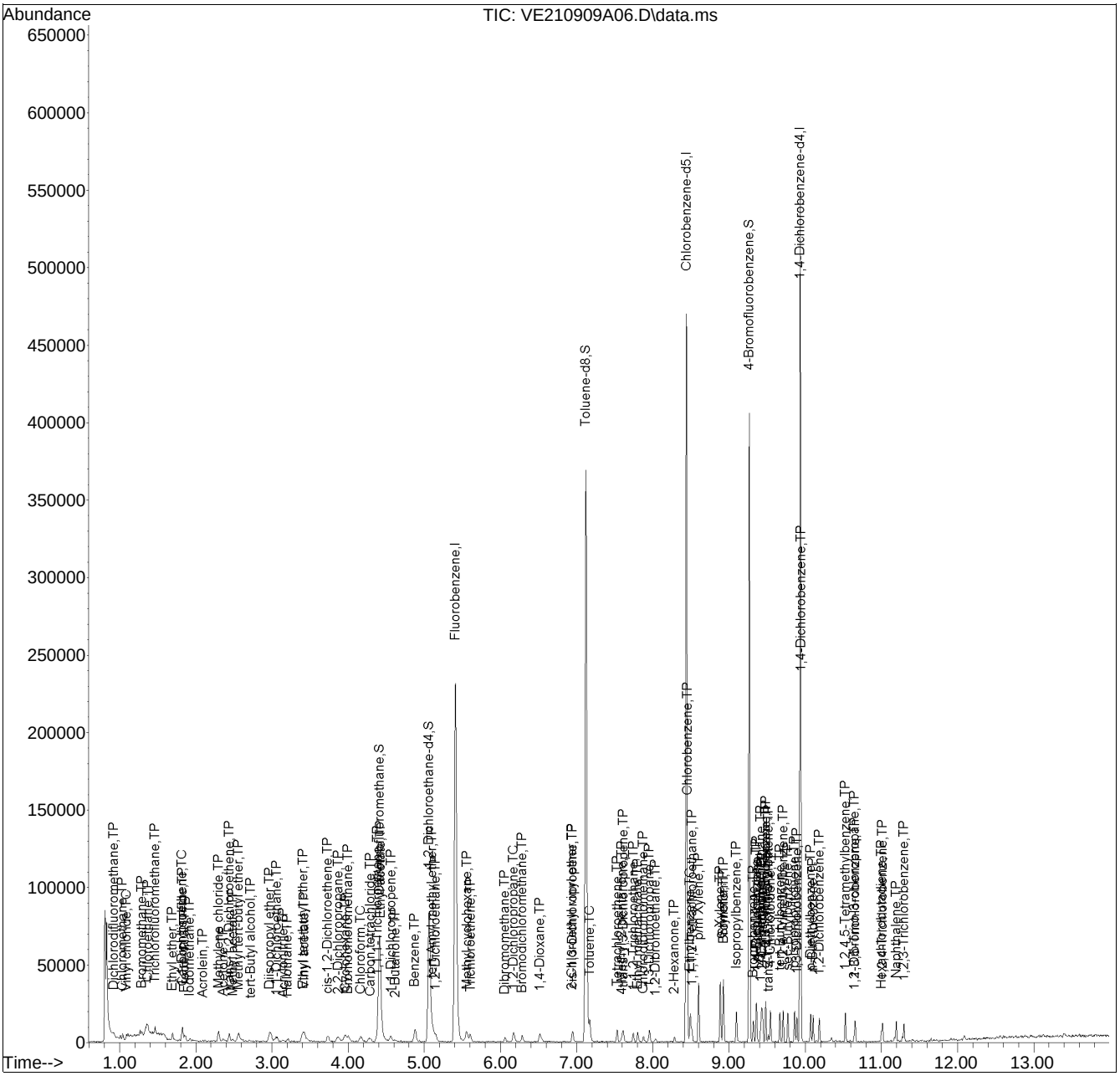
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2021\210909A\
Data File : VE210909A06.D
Acq On : 9 Sep 2021 12:59 pm
Operator : ELAINE:NLK
Sample : I8260STD0.5PPB
Misc : WG1545678,ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 13 11:39:17 2021
Quant Method : I:\VOLATILES\Elaine\2021\210909A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:40 2021
Response via : Initial Calibration

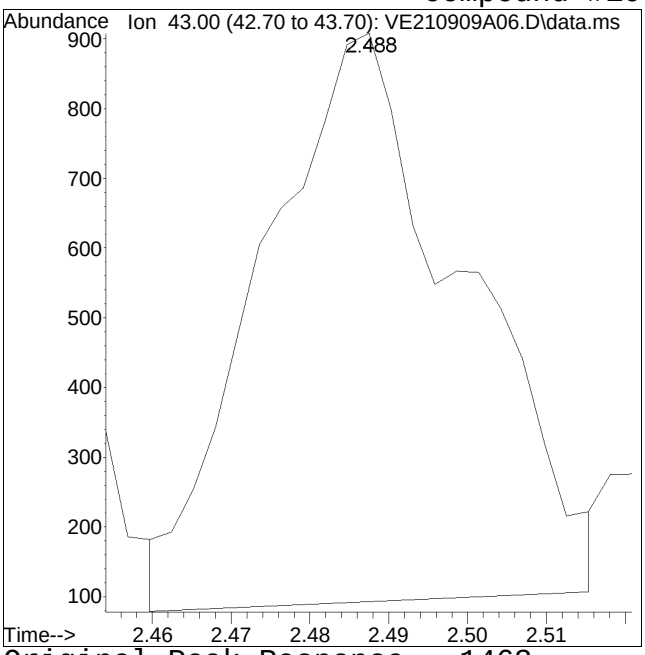
Sub List : 8260-Curve - Megamix plus Diox10909A\VE210909A09.D•

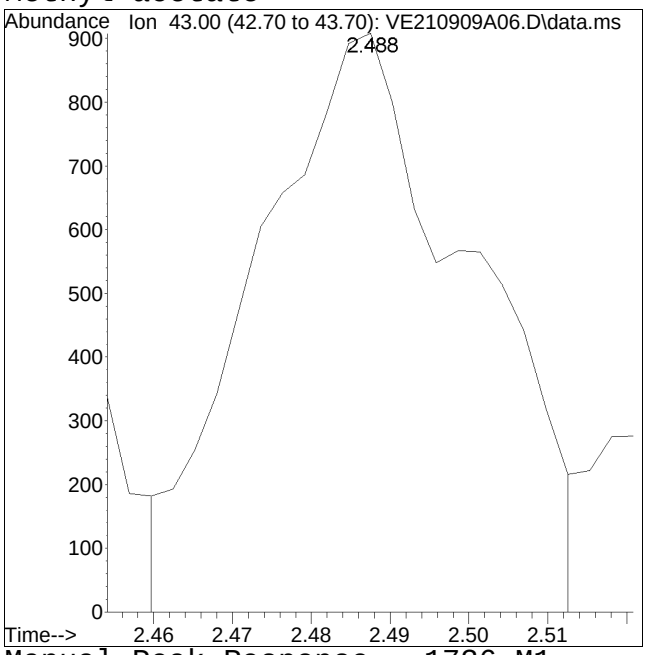


Manual Integration Report

Data Path : I:\VOLATILES\Elaine\2021\2QMethod : Elaine_210909A_8260.m
Data File : VE210909A06.D Operator : ELAINE:NLK
Date Inj'd : 9/9/2021 12:59 pm Instrument : Elaine
Sample : I8260STD0.5PPB Quant Date : 9/13/2021 11:39 am

Compound #19: Methyl acetate



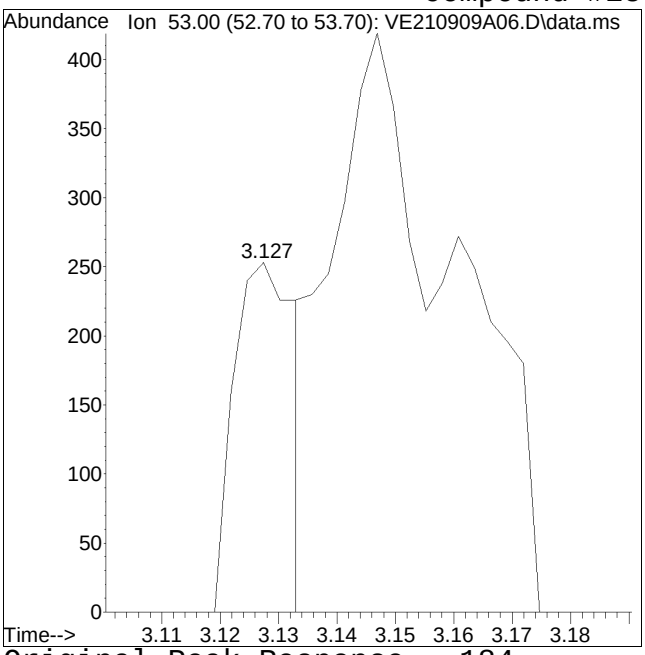


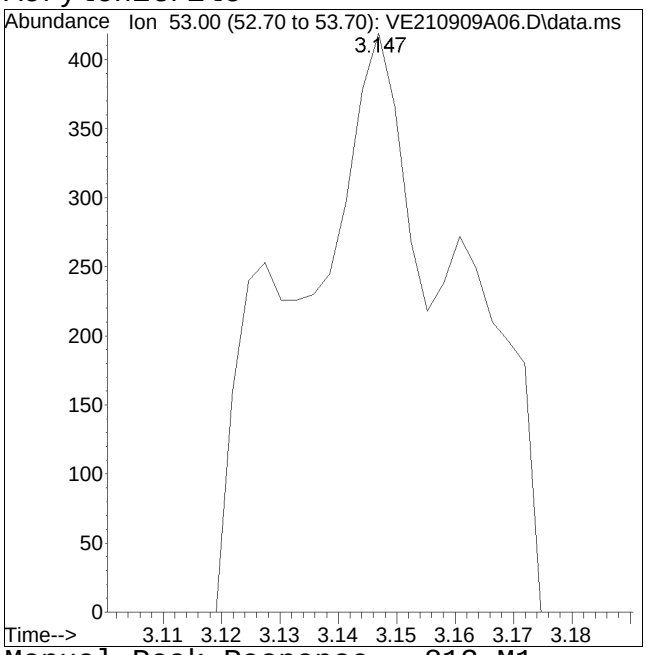
Original Peak Response = 1463 Manual Peak Response = 1736 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\Elaine\2021\2QMethod : Elaine_210909A_8260.m
Data File : VE210909A06.D Operator : ELAINE:NLK
Date Inj'd : 9/9/2021 12:59 pm Instrument : Elaine
Sample : I8260STD0.5PPB Quant Date : 9/13/2021 11:39 am

Compound #25: Acrylonitrile



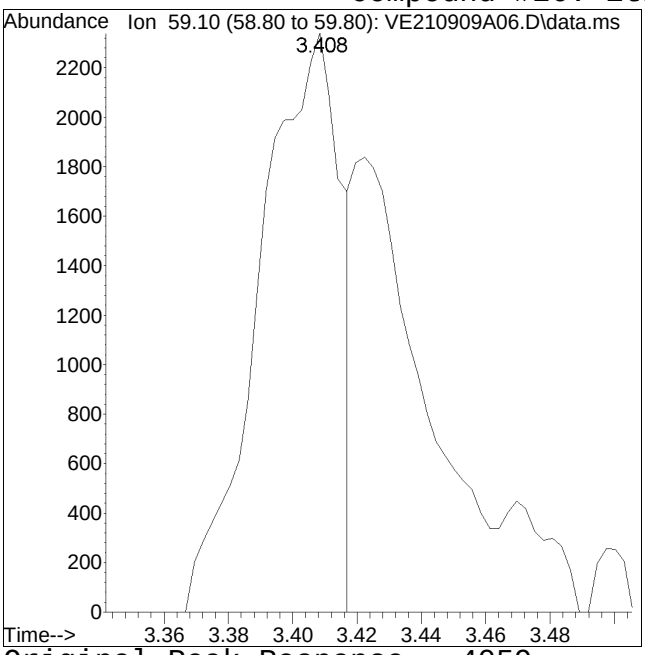


Original Peak Response = 184 Manual Peak Response = 813 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

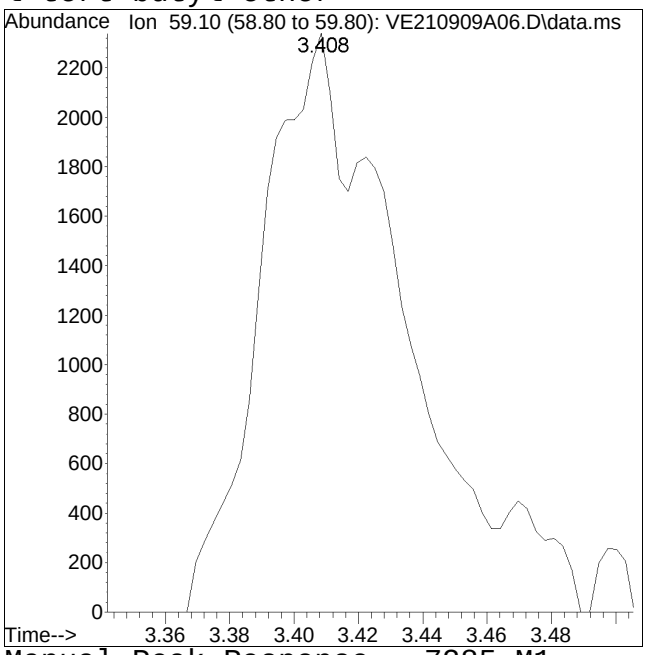
Manual Integration Report

Data Path : I:\VOLATILES\Elaine\2021\2QMethod : Elaine_210909A_8260.m
Data File : VE210909A06.D Operator : ELAINE:NLK
Date Inj'd : 9/9/2021 12:59 pm Instrument : Elaine
Sample : I8260STD0.5PPB Quant Date : 9/13/2021 11:39 am

Compound #26: Ethyl tert-butyl ether



Original Peak Response = 4059



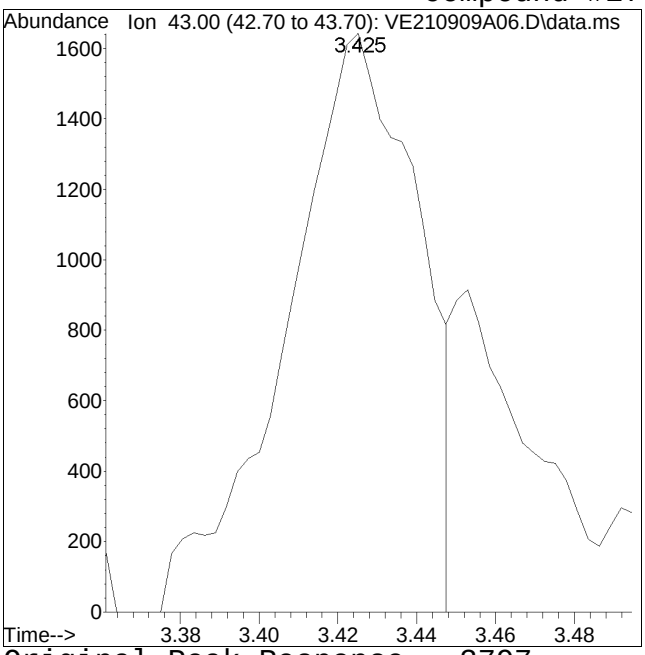
Manual Peak Response = 7285 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

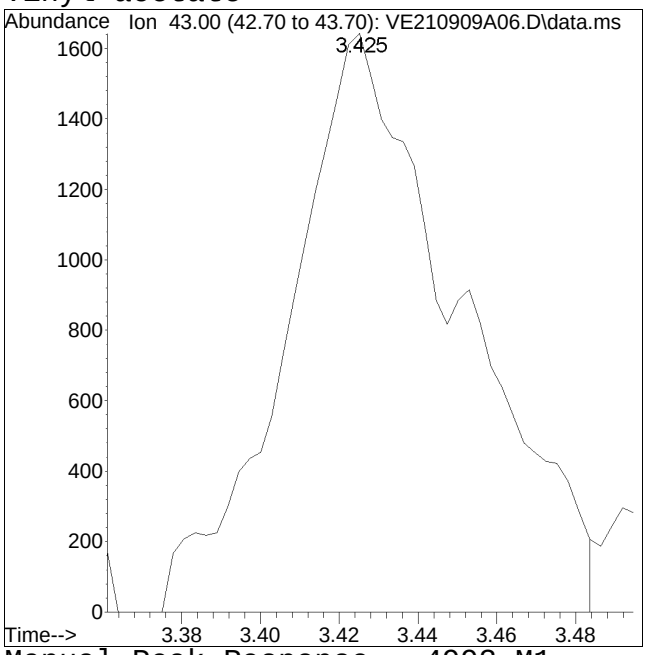
Manual Integration Report

Data Path : I:\VOLATILES\Elaine\2021\2QMethod : Elaine_210909A_8260.m
Data File : VE210909A06.D Operator : ELAINE:NLK
Date Inj'd : 9/9/2021 12:59 pm Instrument : Elaine
Sample : I8260STD0.5PPB Quant Date : 9/13/2021 11:39 am

Compound #27: Vinyl acetate



Original Peak Response = 3797



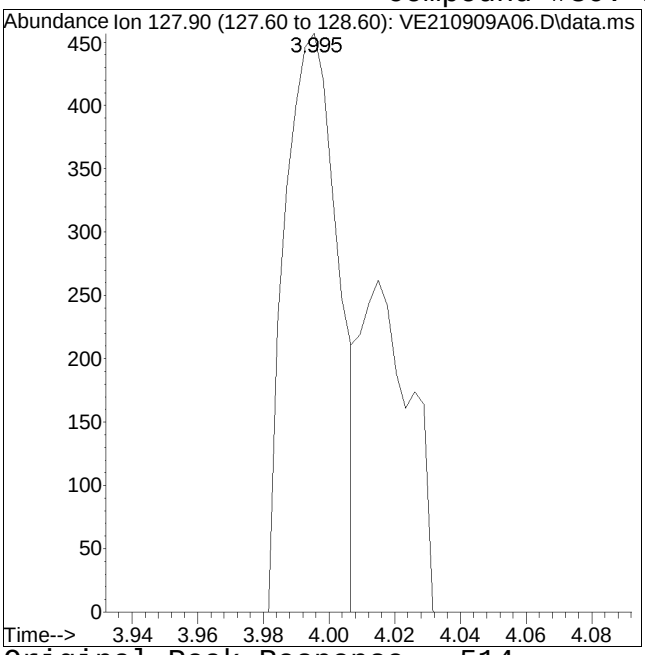
Manual Peak Response = 4993 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

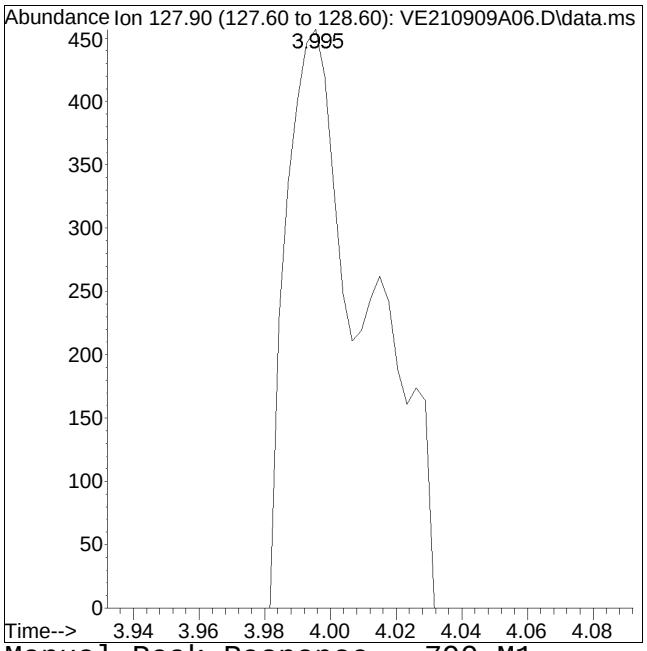
Manual Integration Report

Data Path : I:\VOLATILES\Elaine\2021\2QMethod : Elaine_210909A_8260.m
Data File : VE210909A06.D Operator : ELAINE:NLK
Date Inj'd : 9/9/2021 12:59 pm Instrument : Elaine
Sample : I8260STD0.5PPB Quant Date : 9/13/2021 11:39 am

Compound #30: Bromochloromethane



Original Peak Response = 514



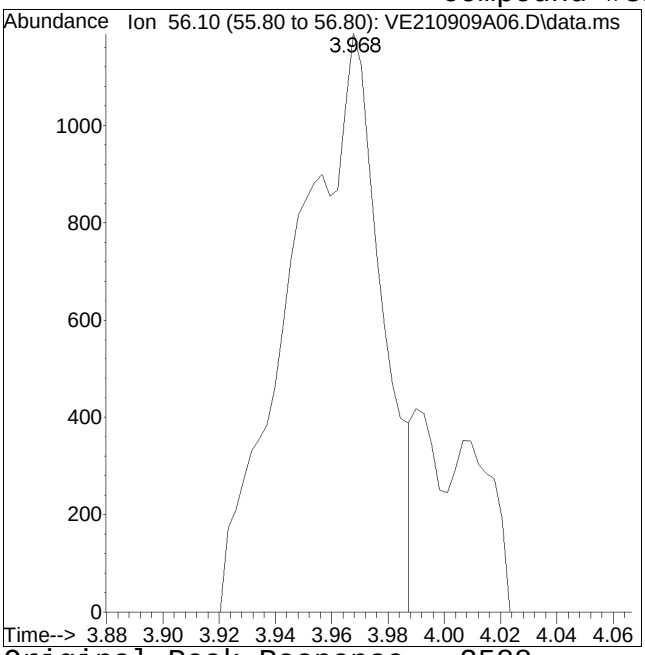
Manual Peak Response = 790 M1

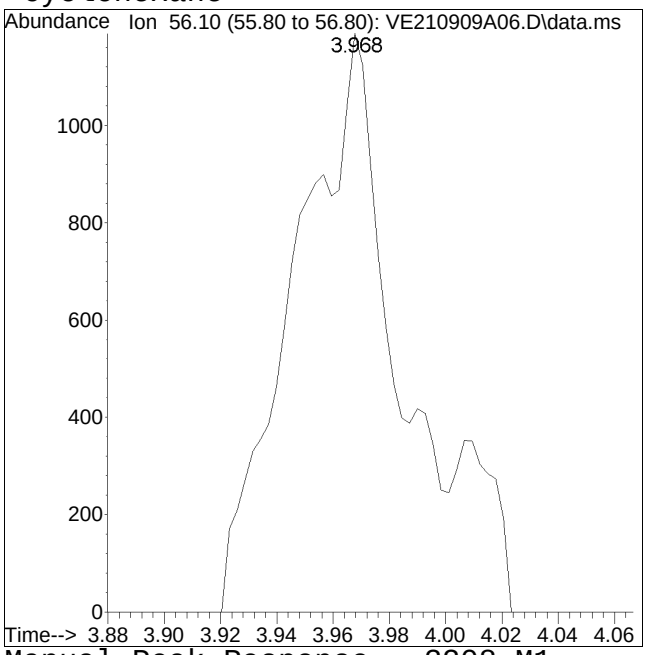
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\Elaine\2021\2QMethod : Elaine_210909A_8260.m
Data File : VE210909A06.D Operator : ELAINE:NLK
Date Inj'd : 9/9/2021 12:59 pm Instrument : Elaine
Sample : I8260STD0.5PPB Quant Date : 9/13/2021 11:39 am

Compound #31: Cyclohexane





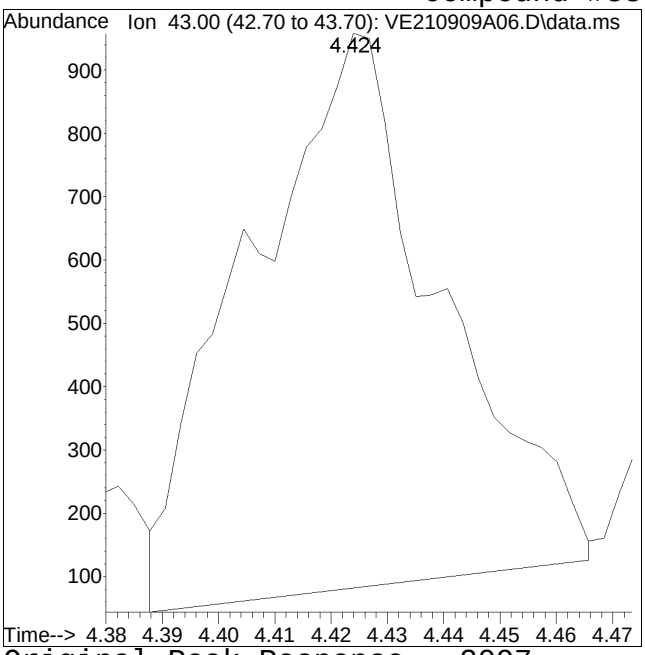
Original Peak Response = 2588 Manual Peak Response = 3208 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

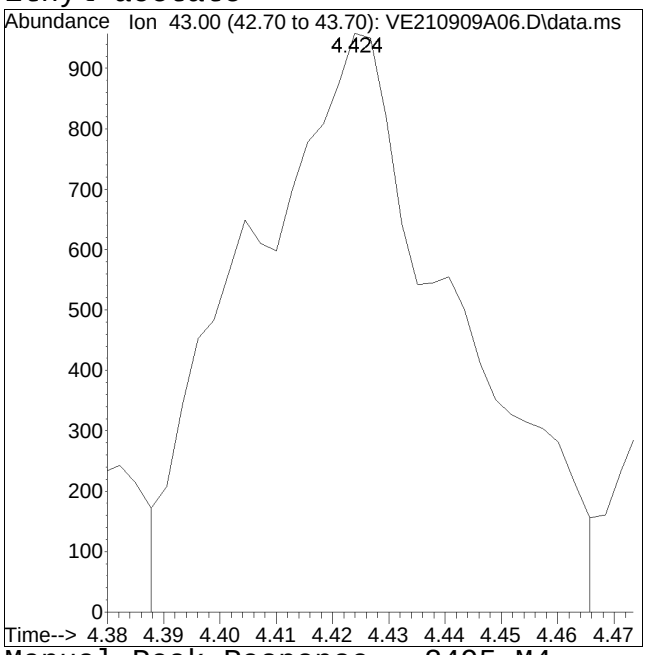
Data Path : I:\VOLATILES\Elaine\2021\2Q
Data File : VE210909A06.D
Date Inj'd : 9/9/2021 12:59 pm
Sample : I8260STD0.5PPB

Method : Elaine_210909A_8260.m
Operator : ELAINE:NLK
Instrument : Elaine
Quant Date : 9/13/2021 11:39 am

Compound #33: Ethyl acetate



Original Peak Response = 2097



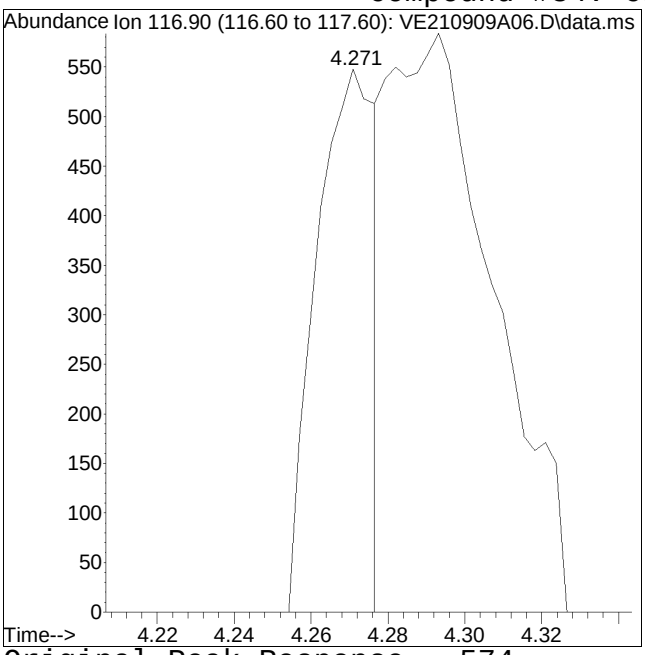
Manual Peak Response = 2495 M4

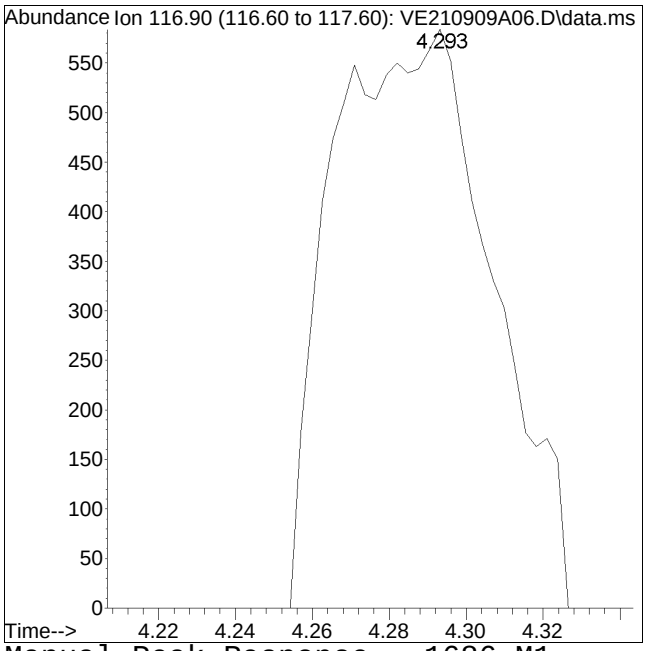
M4 = Poor automated baseline construction.

Manual Integration Report

Data Path : I:\VOLATILES\Elaine\2021\2QMethod : Elaine_210909A_8260.m
Data File : VE210909A06.D Operator : ELAINE:NLK
Date Inj'd : 9/9/2021 12:59 pm Instrument : Elaine
Sample : I8260STD0.5PPB Quant Date : 9/13/2021 11:39 am

Compound #34: Carbon tetrachloride



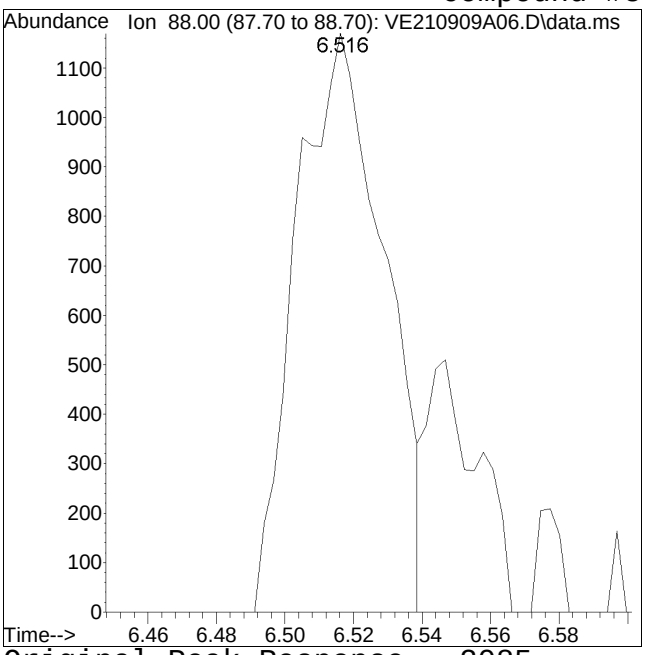


Original Peak Response = 574 Manual Peak Response = 1686 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

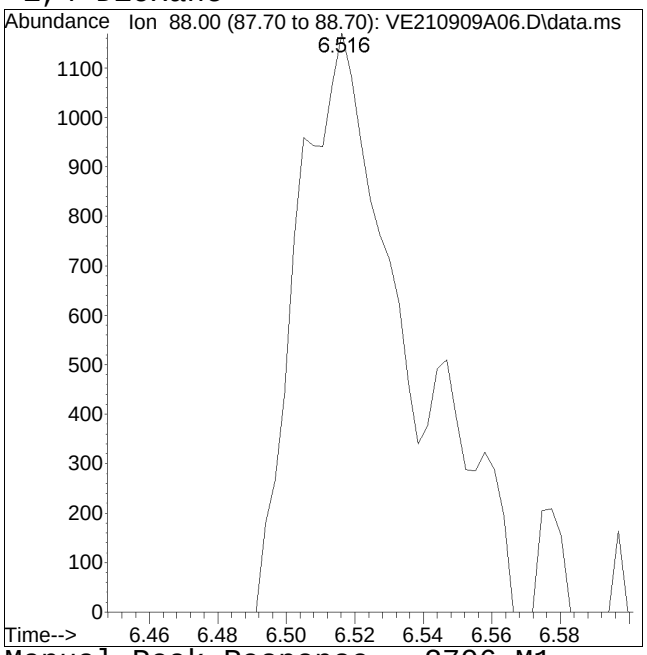
Manual Integration Report

Data Path : I:\VOLATILES\Elaine\2021\2QMethod : Elaine_210909A_8260.m
Data File : VE210909A06.D Operator : ELAINE:NLK
Date Inj'd : 9/9/2021 12:59 pm Instrument : Elaine
Sample : I8260STD0.5PPB Quant Date : 9/13/2021 11:39 am

Compound #57: 1,4-Dioxane



Original Peak Response = 2085



Manual Peak Response = 2706 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2021\210909A\
Data File : VE210909A08.D
Acq On : 9 Sep 2021 1:43 pm
Operator : ELAINE:NLK
Sample : I8260STD2PPB
Misc : WG1545678,ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 14:16:31 2021
Quant Method : I:\VOLATILES\Elaine\2021\210909A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:40 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2021\210909A\VE210909A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.409	96	213072	10.000	ug/L	0.00
Standard Area 1 = 231987			Recovery = 91.85%			
59) Chlorobenzene-d5	8.442	117	149528	10.000	ug/L	0.00
Standard Area 1 = 160220			Recovery = 93.33%			
79) 1,4-Dichlorobenzene-d4	9.936	152	73795	10.000	ug/L	0.00
Standard Area 1 = 78675			Recovery = 93.80%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.413	113	50838	10.474	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.74%			
43) 1,2-Dichloroethane-d4	5.058	65	73534	10.309	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.09%			
60) Toluene-d8	7.120	98	204451	9.944	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.44%			
83) 4-Bromofluorobenzene	9.265	95	88201	10.075	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.75%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.921	85	7403	2.001	ug/L	92
3) Chloromethane	1.041	50	10688	2.187	ug/L	98
4) Vinyl chloride	1.088	62	10354	2.274	ug/L	99
5) Bromomethane	1.291	94	4779	2.012	ug/L	86
6) Chloroethane	1.369	64	6799	2.337	ug/L	99
7) Trichlorofluoromethane	1.464	101	11309	2.027	ug/L	96
8) Ethyl ether	1.695	74	5088	2.226	ug/L	77
10) 1,1-Dichloroethene	1.823	96	6579	2.009	ug/L	82
11) Carbon disulfide	1.826	76	18914	2.121	ug/L	100
12) Freon-113	1.859	101	6806	2.027	ug/L	83
13) Iodomethane	1.917	142	5196	1.595	ug/L	87
14) Acrolein	2.101	56	422	2.023	ug/L #	78
15) Methylene chloride	2.299	84	9065M1	2.118	ug/L	
17) Acetone	2.354	43	3863	2.308	ug/L #	87
18) trans-1,2-Dichloroethene	2.440	96	7879M1	2.195	ug/L	
19) Methyl acetate	2.482	43	5127M4	2.045	ug/L	
20) Methyl tert-butyl ether	2.563	73	24483	2.059	ug/L	97
21) tert-Butyl alcohol	2.707	59	3397	8.903	ug/L #	61
22) Diisopropyl ether	2.975	45	31359	1.985	ug/L	89
23) 1,1-Dichloroethane	3.061	63	18004	2.117	ug/L	94
24) Halothane	3.205	117	5364	2.020	ug/L #	66

Data Path : I:\VOLATILES\Elaine\2021\210909A\
Data File : VE210909A08.D
Acq On : 9 Sep 2021 1:43 pm
Operator : ELAINE:NLK
Sample : I8260STD2PPB
Misc : WG1545678,ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 14:16:31 2021
Quant Method : I:\VOLATILES\Elaine\2021\210909A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:40 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2021\210909A\VE210909A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Acrylonitrile	3.130	53	2260M1	1.798	ug/L		
26) Ethyl tert-butyl ether	3.403	59	31057	1.938	ug/L		95
27) Vinyl acetate	3.423	43	19386	2.222	ug/L	#	86
28) cis-1,2-Dichloroethene	3.729	96	8991M1	2.136	ug/L		
29) 2,2-Dichloropropane	3.868	77	12895M1	2.010	ug/L		
30) Bromochloromethane	4.007	128	3158	1.964	ug/L		98
31) Cyclohexane	3.962	56	15382M1	1.942	ug/L		
32) Chloroform	4.168	83	15841M1	2.120	ug/L		
33) Ethyl acetate	4.416	43	7237M4	1.969	ug/L		
34) Carbon tetrachloride	4.282	117	9678	1.919	ug/L		98
35) Tetrahydrofuran	4.366	42	2050M1	2.220	ug/L		
37) 1,1,1-Trichloroethane	4.388	97	12971	1.993	ug/L	#	80
39) 2-Butanone	4.613	43	2157	1.275	ug/L	#	84
40) 1,1-Dichloropropene	4.555	75	10118M1	1.910	ug/L		
41) Benzene	4.878	78	33613	2.049	ug/L		94
42) tert-Amyl methyl ether	5.103	73	25177	2.055	ug/L		94
44) 1,2-Dichloroethane	5.148	62	13974	2.082	ug/L		98
47) Methyl cyclohexane	5.556	83	12563	1.894	ug/L		85
48) Trichloroethene	5.601	95	7954	1.985	ug/L		91
50) Dibromomethane	6.057	93	4989	2.166	ug/L		88
51) 1,2-Dichloropropane	6.174	63	9380	1.995	ug/L		97
53) 2-Chloroethyl vinyl ether	6.942	63	2633	2.079	ug/L	#	75
54) Bromodichloromethane	6.283	83	12192	2.067	ug/L		98
57) 1,4-Dioxane	6.514	88	11941M1	413.368	ug/L		
58) cis-1,3-Dichloropropene	6.945	75	12812	1.932	ug/L		93
61) Toluene	7.170	92	20931	1.977	ug/L		99
62) 4-Methyl-2-pentanone	7.590	58	2747	1.850	ug/L	#	93
63) Tetrachloroethene	7.529	166	7245	2.047	ug/L		91
65) trans-1,3-Dichloropropene	7.610	75	12289	2.001	ug/L		90
67) Ethyl methacrylate	7.799	69	9608	1.870	ug/L		97
68) 1,1,2-Trichloroethane	7.743	83	5035	1.814	ug/L		91
69) Chlorodibromomethane	7.877	129	6398	1.840	ug/L		95
70) 1,3-Dichloropropane	7.955	76	12229	1.948	ug/L		97
71) 1,2-Dibromoethane	8.035	107	6148	1.986	ug/L		98
72) 2-Hexanone	8.283	43	4923	1.769	ug/L		100
73) Chlorobenzene	8.453	112	21214	2.028	ug/L		93
74) Ethylbenzene	8.492	91	40856	2.071	ug/L		97
75) 1,1,1,2-Tetrachloroethane	8.511	131	7414	2.030	ug/L		87
76) p/m Xylene	8.600	106	29013	4.142	ug/L		96
77) o Xylene	8.887	106	27903	4.165	ug/L		94

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2021\210909A\
Data File : VE210909A08.D
Acq On : 9 Sep 2021 1:43 pm
Operator : ELAINE:NLK
Sample : I8260STD2PPB
Misc : WG1545678,ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 14:16:31 2021
Quant Method : I:\VOLATILES\Elaine\2021\210909A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:40 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2021\210909A\VE210909A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
78) Styrene	8.926	104	48726	4.134	ug/L		98
80) Bromoform	8.929	173	3804	1.867	ug/L		97
82) Isopropylbenzene	9.095	105	37097	2.005	ug/L		100
84) Bromobenzene	9.321	156	8427	2.077	ug/L		97
85) n-Propylbenzene	9.357	91	44238	1.993	ug/L		98
86) 1,4-Dichlorobutane	9.365	55	16133	2.107	ug/L		99
87) 1,1,2,2-Tetrachloroethane	9.415	83	7060	1.878	ug/L		88
88) 4-Ethyltoluene	9.427	105	34304	1.966	ug/L		98
89) 2-Chlorotoluene	9.441	91	32397	2.008	ug/L		98
90) 1,3,5-Trimethylbenzene	9.482	105	30433	1.970	ug/L		95
91) 1,2,3-Trichloropropane	9.482	75	6880	2.021	ug/L		96
92) trans-1,4-Dichloro-2-b...	9.516	53	2878	2.019	ug/L	#	94
93) 4-Chlorotoluene	9.543	91	29794	2.022	ug/L		95
94) tert-Butylbenzene	9.666	119	24066	1.931	ug/L	#	81
97) 1,2,4-Trimethylbenzene	9.710	105	29896	1.957	ug/L		98
98) sec-Butylbenzene	9.772	105	36686	1.946	ug/L		99
99) p-Isopropyltoluene	9.861	119	29971	1.933	ug/L		99
100) 1,3-Dichlorobenzene	9.891	146	15537	2.038	ug/L		97
101) 1,4-Dichlorobenzene	9.944	146	15845	2.067	ug/L	#	93
102) p-Diethylbenzene	10.072	119	16624	1.861	ug/L		96
103) n-Butylbenzene	10.105	91	26545	1.858	ug/L		99
104) 1,2-Dichlorobenzene	10.186	146	14592	2.009	ug/L		94
105) 1,2,4,5-Tetramethylben...	10.528	119	26760	1.899	ug/L		98
106) 1,2-Dibromo-3-chloropr...	10.642	155	998	1.823	ug/L		79
107) 1,3,5-Trichlorobenzene	10.656	180	9381	1.903	ug/L		97
108) Hexachlorobutadiene	11.001	225	2864	1.724	ug/L		97
109) 1,2,4-Trichlorobenzene	11.015	180	9352	2.006	ug/L		95
110) Naphthalene	11.196	128	22460	1.951	ug/L		100
111) 1,2,3-Trichlorobenzene	11.296	180	8216	1.931	ug/L		91

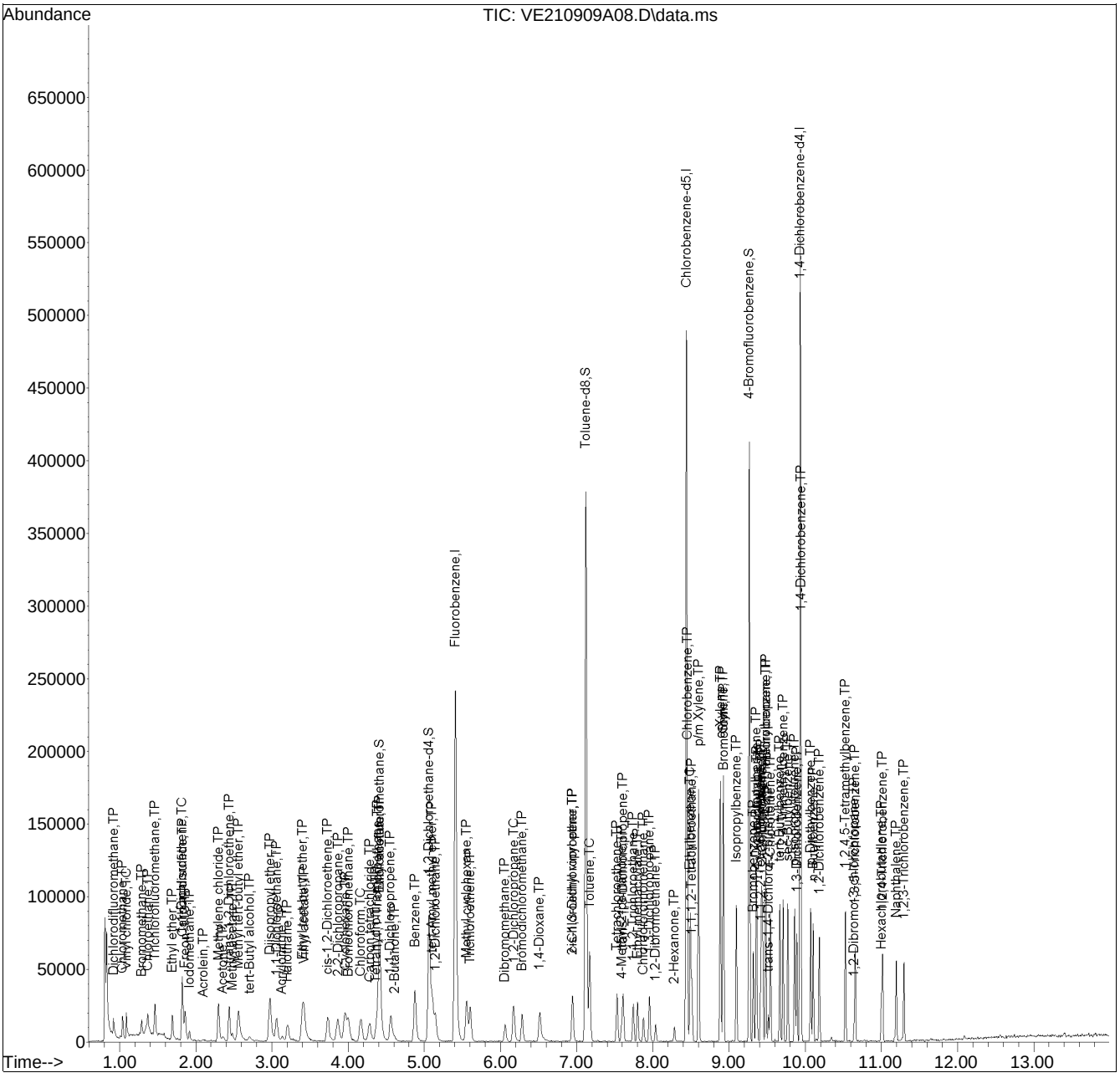
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2021\210909A\
Data File : VE210909A08.D
Acq On : 9 Sep 2021 1:43 pm
Operator : ELAINE:NLK
Sample : I8260STD2PPB
Misc : WG1545678,ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 14:16:31 2021
Quant Method : I:\VOLATILES\Elaine\2021\210909A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:40 2021
Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox10909A\VE210909A09.D•

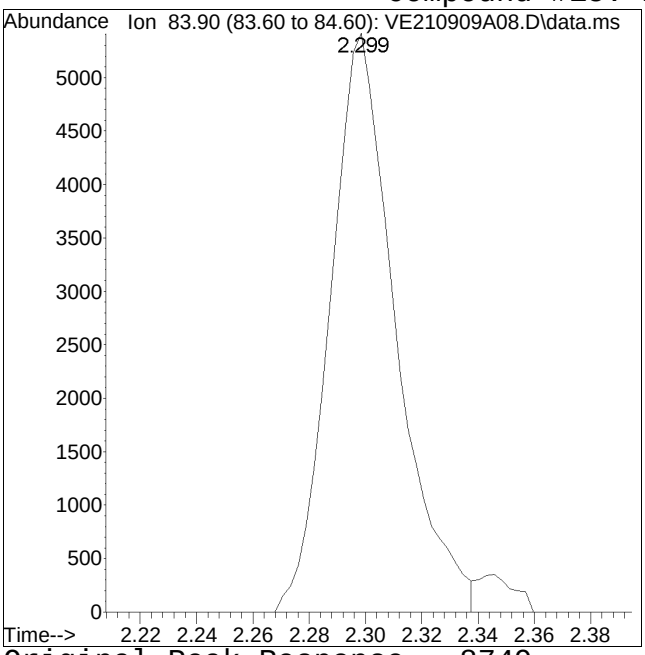


Manual Integration Report

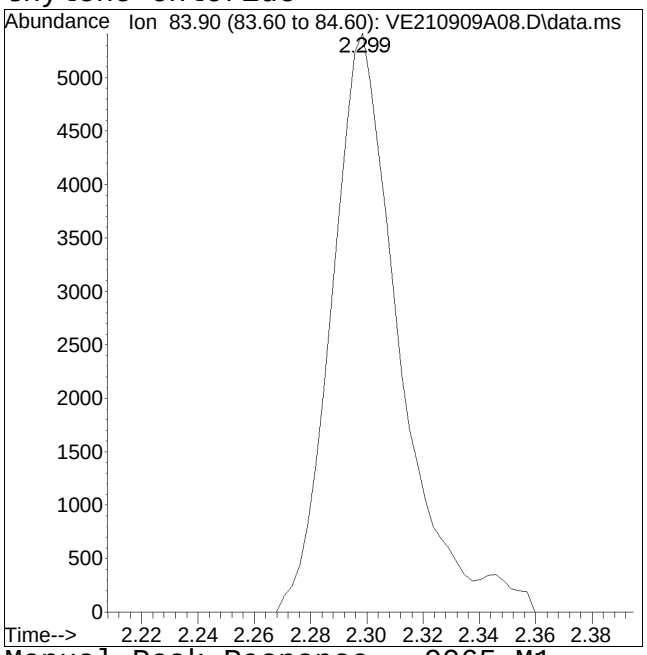
Data Path : I:\VOLATILES\Elaine\2021\2Q
Data File : VE210909A08.D
Date Inj'd : 9/9/2021 1:43 pm
Sample : I8260STD2PPB

Method : Elaine_210909A_8260.m
Operator : ELAINE:NLK
Instrument : Elaine
Quant Date : 9/14/2021 2:16 pm

Compound #15: Methylene chloride



Original Peak Response = 8749



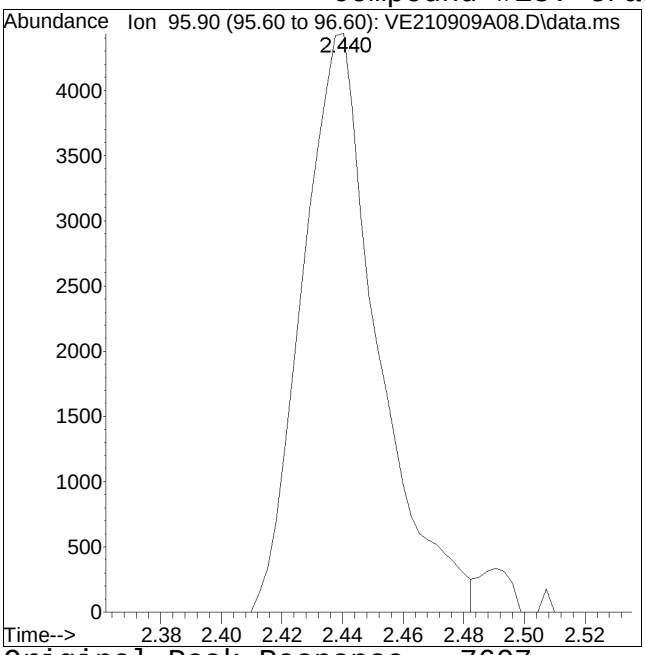
Manual Peak Response = 9065 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

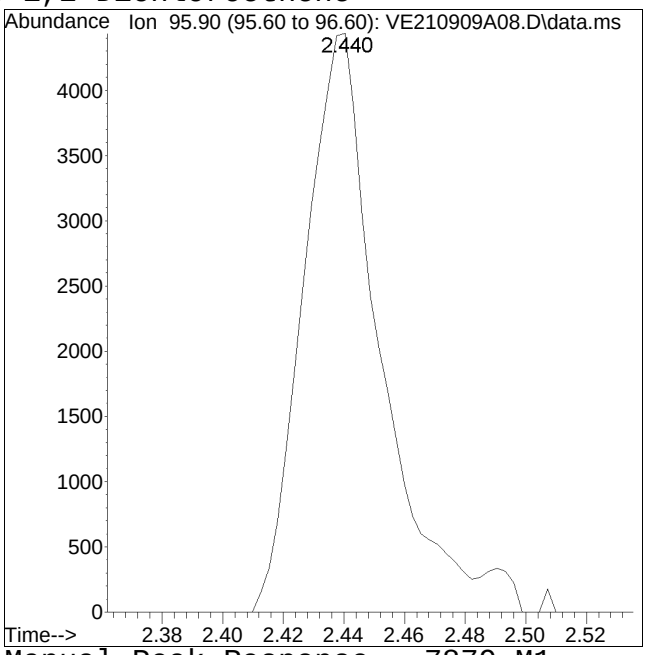
Manual Integration Report

Data Path : I:\VOLATILES\Elaine\2021\2QMethod : Elaine_210909A_8260.m
Data File : VE210909A08.D Operator : ELAINE:NLK
Date Inj'd : 9/9/2021 1:43 pm Instrument : Elaine
Sample : I8260STD2PPB Quant Date : 9/14/2021 2:16 pm

Compound #18: trans-1,2-Dichloroethene



Original Peak Response = 7607



Manual Peak Response = 7879 M1

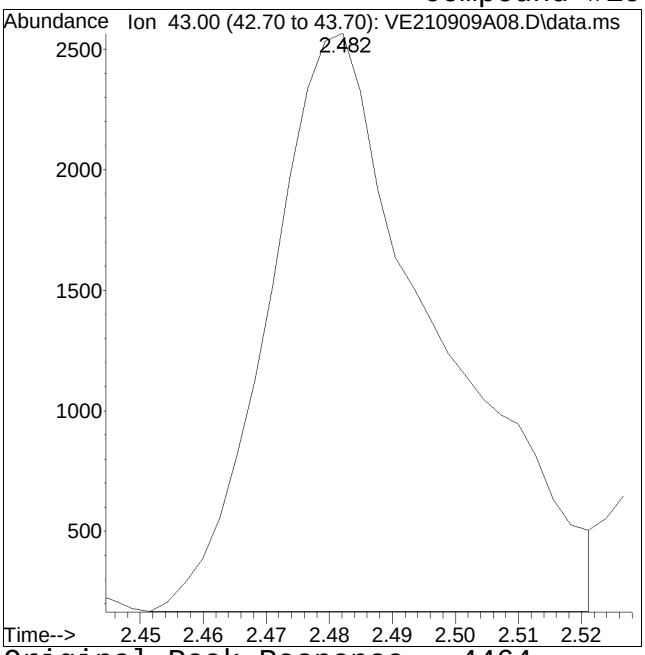
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

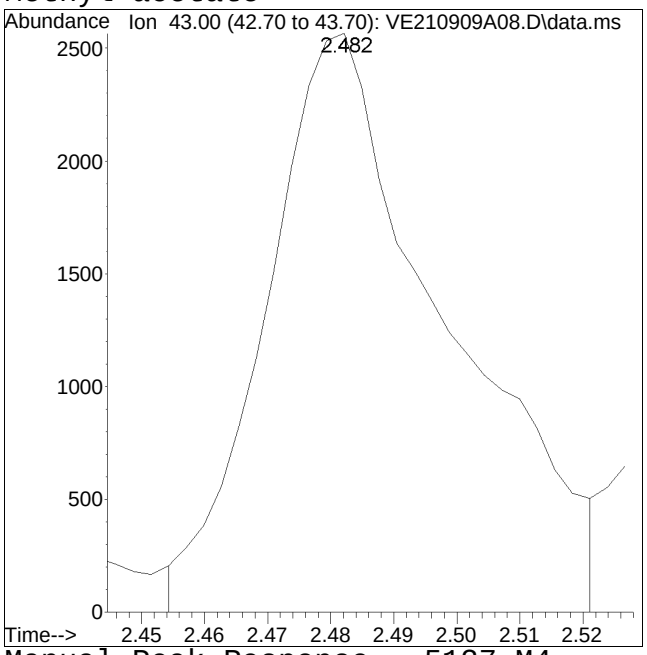
Data Path : I:\VOLATILES\Elaine\2021\2Q
Data File : VE210909A08.D
Date Inj'd : 9/9/2021 1:43 pm
Sample : I8260STD2PPB

Method : Elaine_210909A_8260.m
Operator : ELAINE:NLK
Instrument : Elaine
Quant Date : 9/14/2021 2:16 pm

Compound #19: Methyl acetate



Original Peak Response = 4464



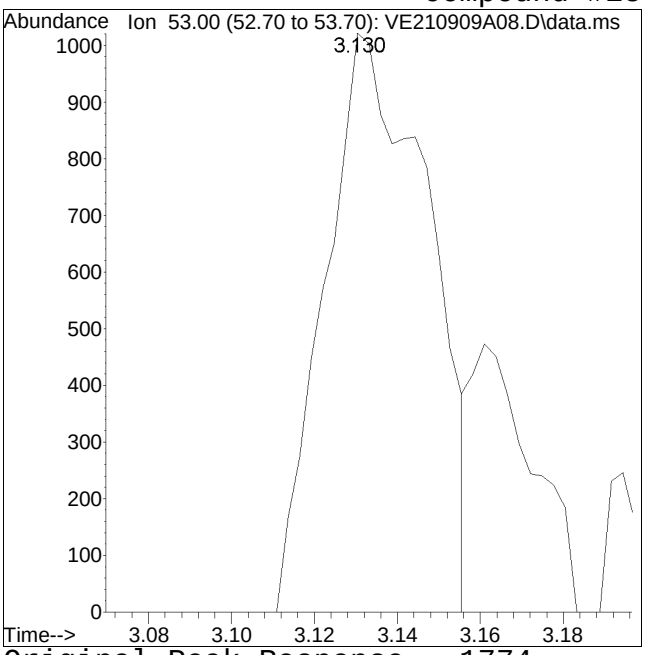
Manual Peak Response = 5127 M4

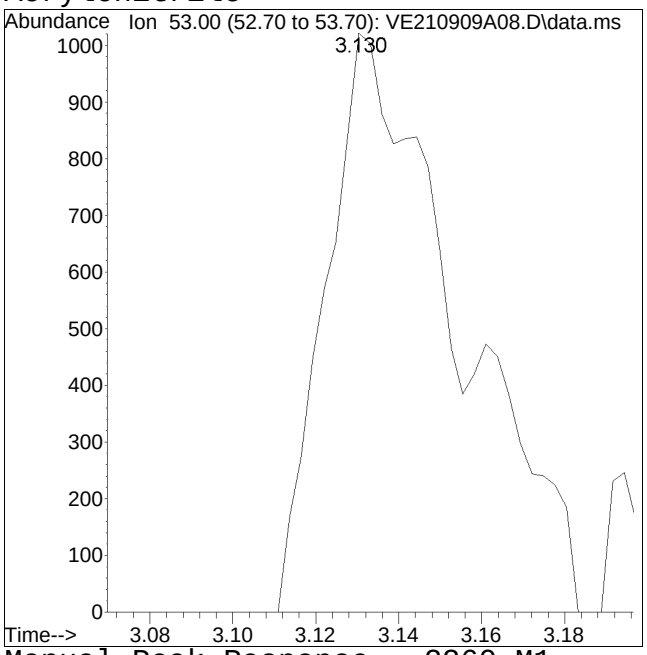
M4 = Poor automated baseline construction.

Manual Integration Report

Data Path : I:\VOLATILES\Elaine\2021\2QMethod : Elaine_210909A_8260.m
Data File : VE210909A08.D Operator : ELAINE:NLK
Date Inj'd : 9/9/2021 1:43 pm Instrument : Elaine
Sample : I8260STD2PPB Quant Date : 9/14/2021 2:16 pm

Compound #25: Acrylonitrile





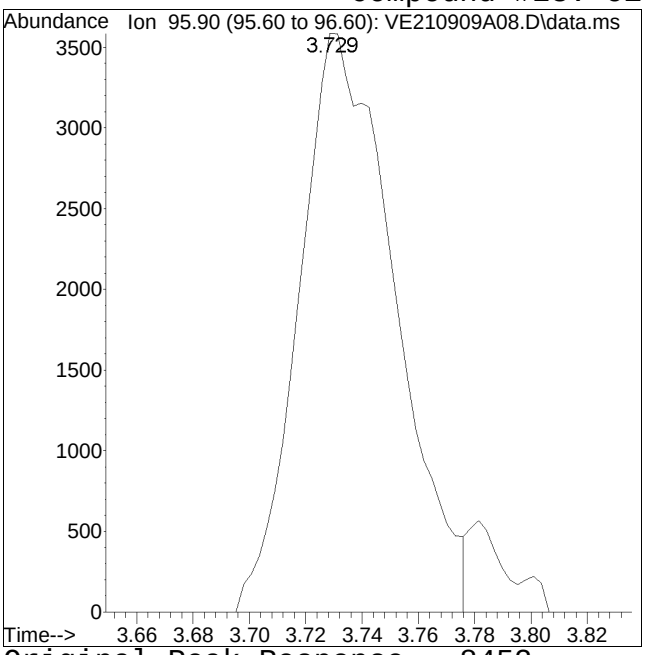
Original Peak Response = 1774 Manual Peak Response = 2260 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

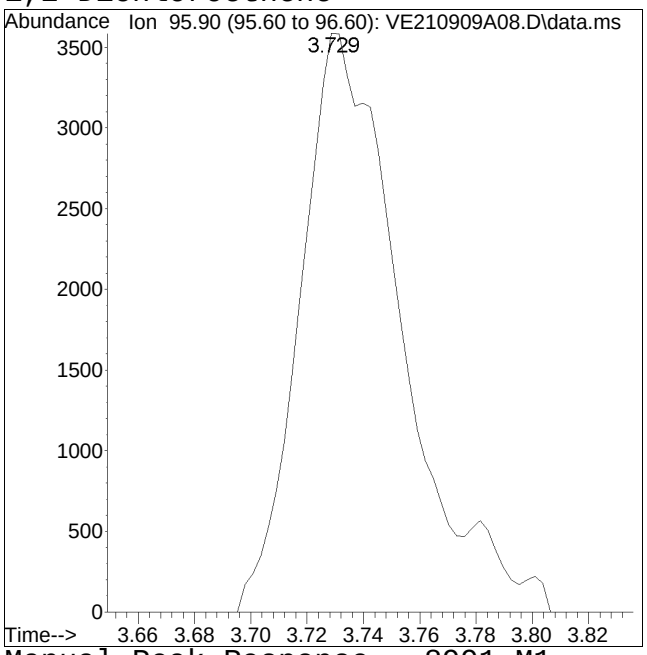
Data Path : I:\VOLATILES\Elaine\2021\2Q
Data File : VE210909A08.D
Date Inj'd : 9/9/2021 1:43 pm
Sample : I8260STD2PPB

Method : Elaine_210909A_8260.m
Operator : ELAINE:NLK
Instrument : Elaine
Quant Date : 9/14/2021 2:16 pm

Compound #28: cis-1,2-Dichloroethene



Original Peak Response = 8452



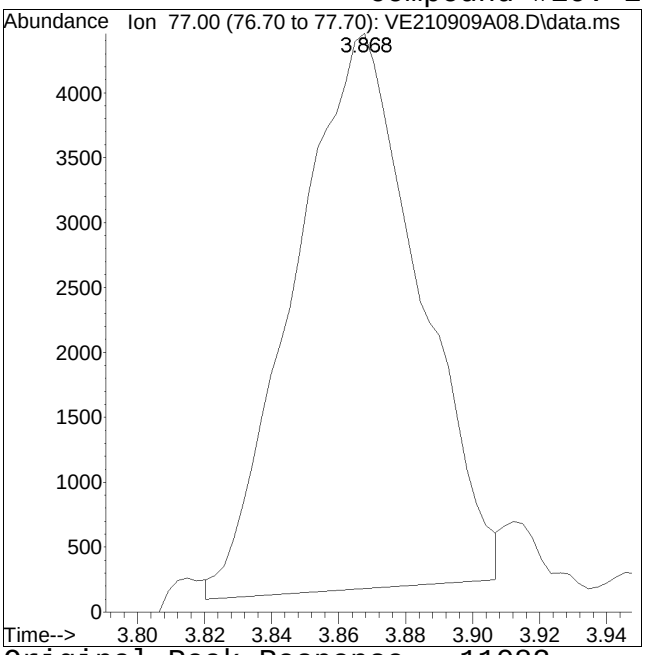
Manual Peak Response = 8991 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

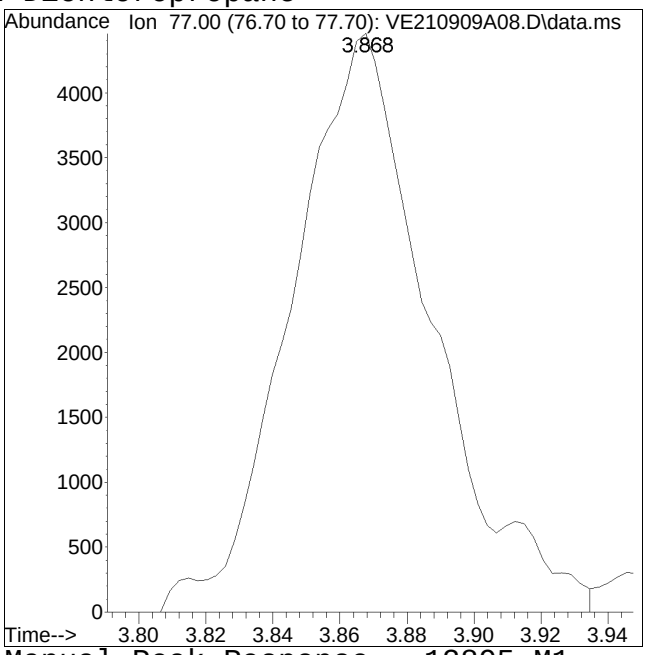
Manual Integration Report

Data Path : I:\VOLATILES\Elaine\2021\2QMethod : Elaine_210909A_8260.m
Data File : VE210909A08.D Operator : ELAINE:NLK
Date Inj'd : 9/9/2021 1:43 pm Instrument : Elaine
Sample : I8260STD2PPB Quant Date : 9/14/2021 2:16 pm

Compound #29: 2,2-Dichloropropane



Original Peak Response = 11082



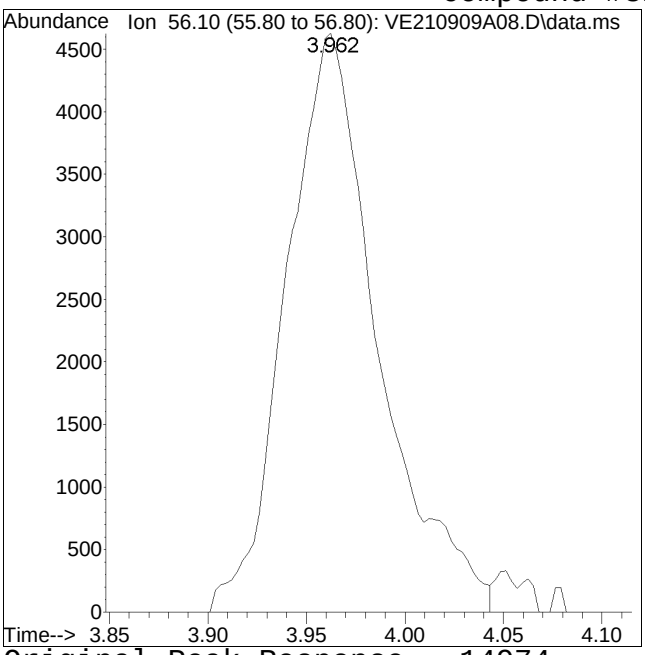
Manual Peak Response = 12895 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

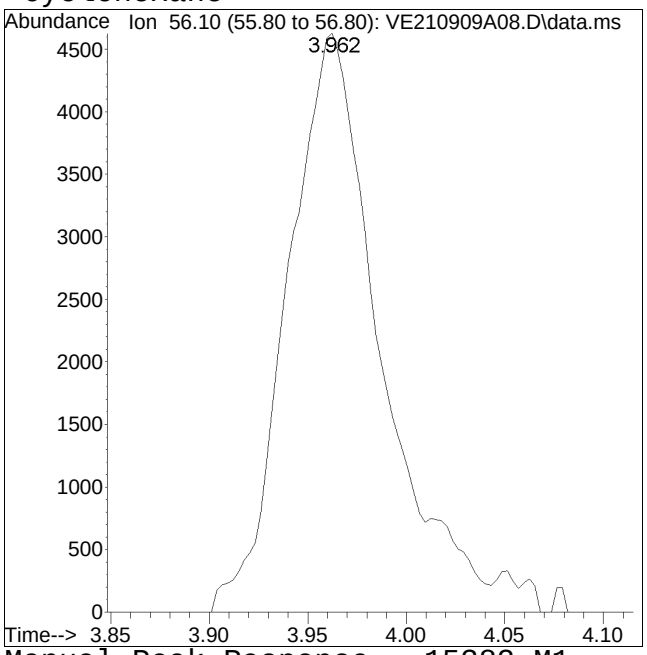
Manual Integration Report

Data Path : I:\VOLATILES\Elaine\2021\2QMethod : Elaine_210909A_8260.m
Data File : VE210909A08.D Operator : ELAINE:NLK
Date Inj'd : 9/9/2021 1:43 pm Instrument : Elaine
Sample : I8260STD2PPB Quant Date : 9/14/2021 2:16 pm

Compound #31: Cyclohexane



Original Peak Response = 14974



Manual Peak Response = 15382 M1

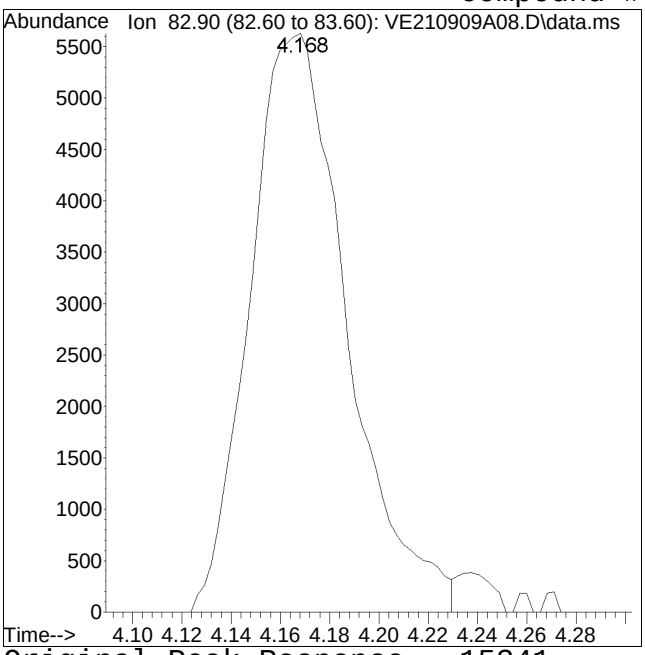
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

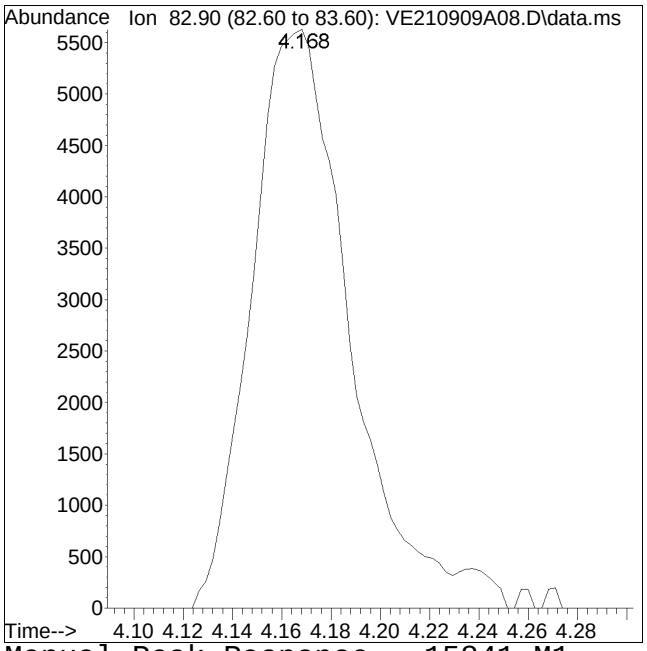
Data Path : I:\VOLATILES\Elaine\2021\2Q
Data File : VE210909A08.D
Date Inj'd : 9/9/2021 1:43 pm
Sample : I8260STD2PPB

Method : Elaine_210909A_8260.m
Operator : ELAINE:NLK
Instrument : Elaine
Quant Date : 9/14/2021 2:16 pm

Compound #32: Chloroform



Original Peak Response = 15341



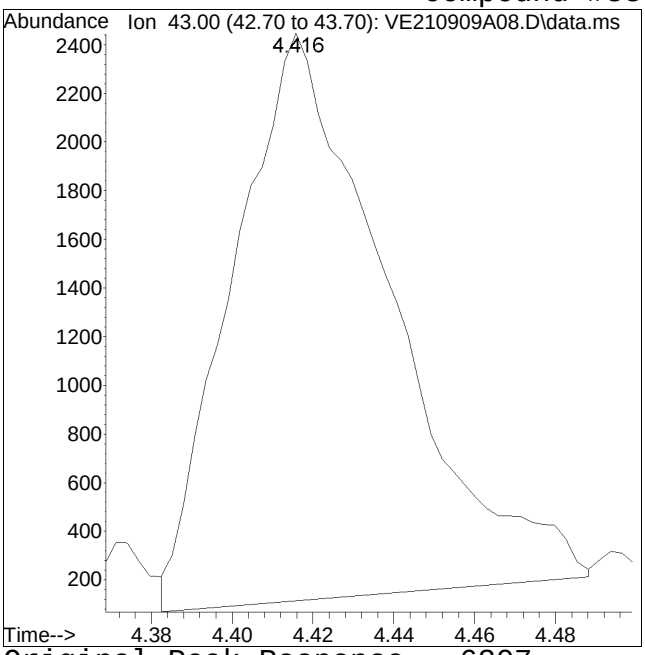
Manual Peak Response = 15841 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

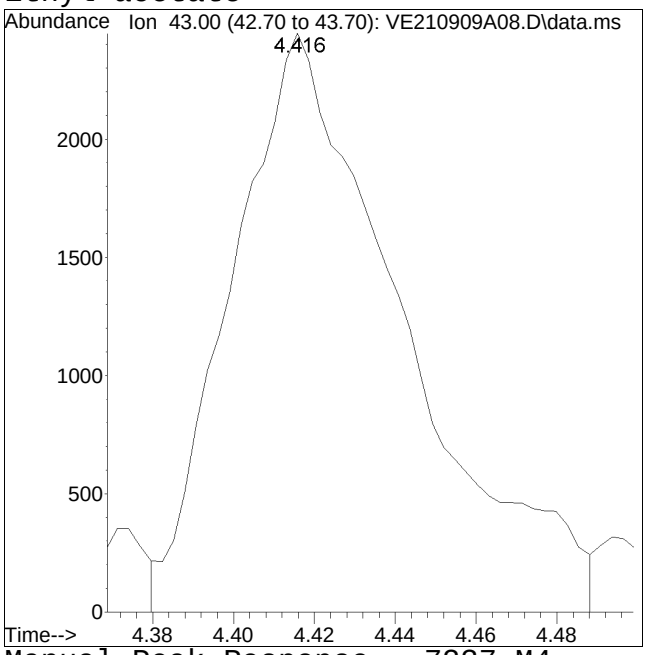
Manual Integration Report

Data Path : I:\VOLATILES\Elaine\2021\2QMethod : Elaine_210909A_8260.m
Data File : VE210909A08.D Operator : ELAINE:NLK
Date Inj'd : 9/9/2021 1:43 pm Instrument : Elaine
Sample : I8260STD2PPB Quant Date : 9/14/2021 2:16 pm

Compound #33: Ethyl acetate



Original Peak Response = 6307



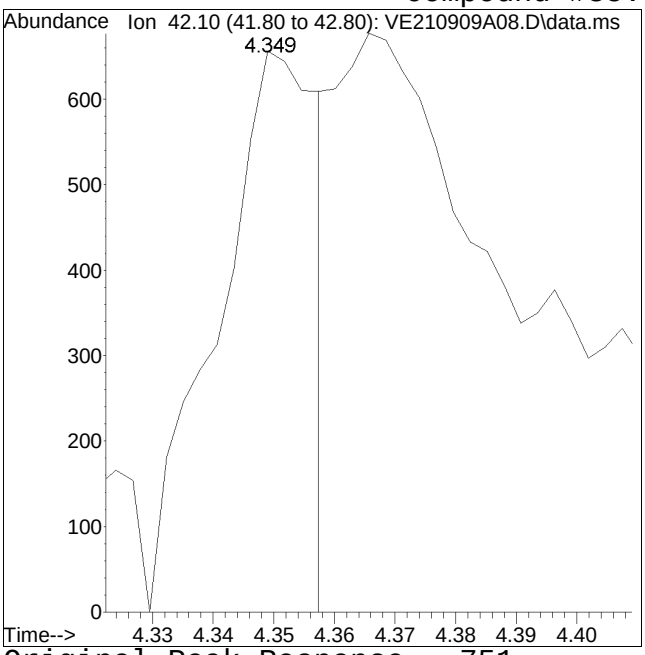
Manual Peak Response = 7237 M4

M4 = Poor automated baseline construction.

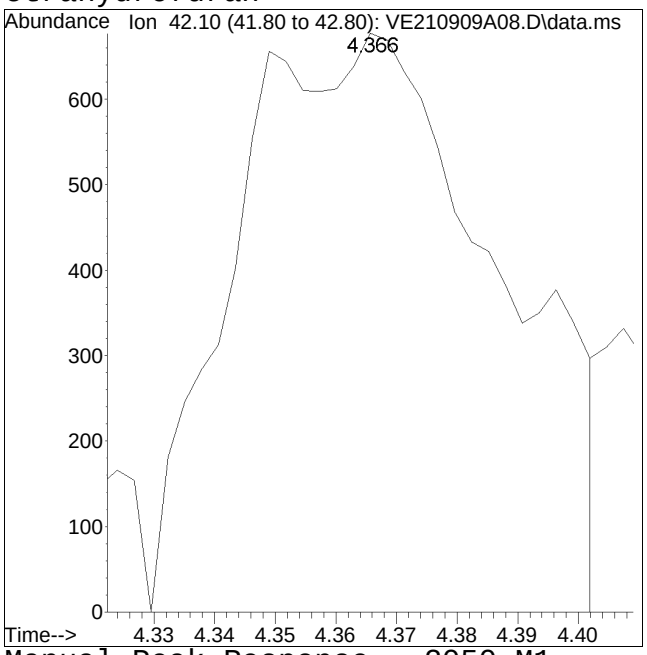
Manual Integration Report

Data Path : I:\VOLATILES\Elaine\2021\2QMethod : Elaine_210909A_8260.m
Data File : VE210909A08.D Operator : ELAINE:NLK
Date Inj'd : 9/9/2021 1:43 pm Instrument : Elaine
Sample : I8260STD2PPB Quant Date : 9/14/2021 2:16 pm

Compound #35: Tetrahydrofuran



Original Peak Response = 751



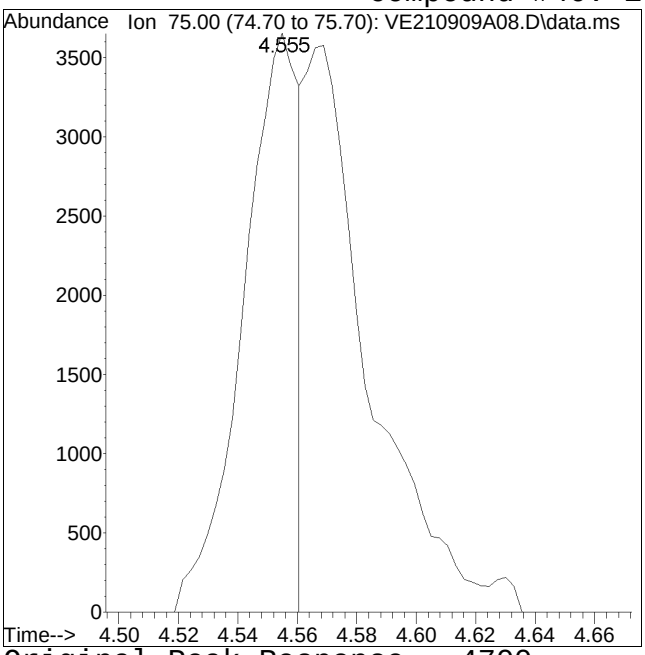
Manual Peak Response = 2050 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

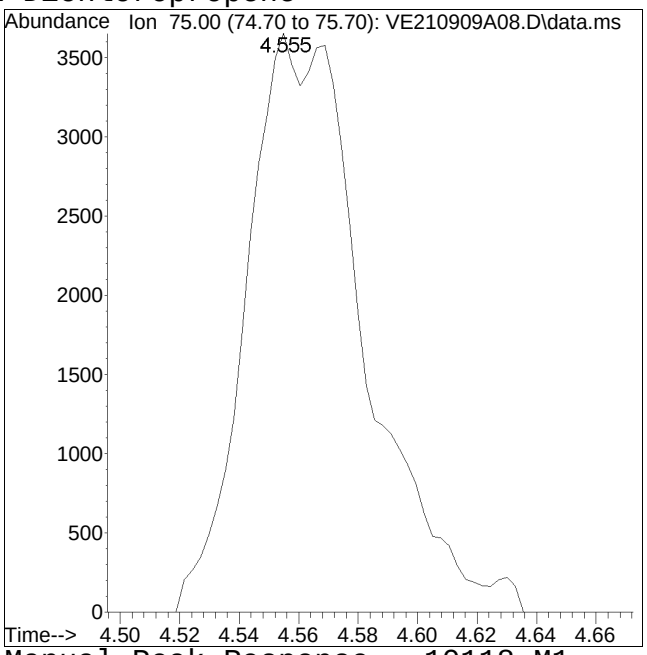
Manual Integration Report

Data Path : I:\VOLATILES\Elaine\2021\2QMethod : Elaine_210909A_8260.m
Data File : VE210909A08.D Operator : ELAINE:NLK
Date Inj'd : 9/9/2021 1:43 pm Instrument : Elaine
Sample : I8260STD2PPB Quant Date : 9/14/2021 2:16 pm

Compound #40: 1,1-Dichloropropene



Original Peak Response = 4700



Manual Peak Response = 10118 M1

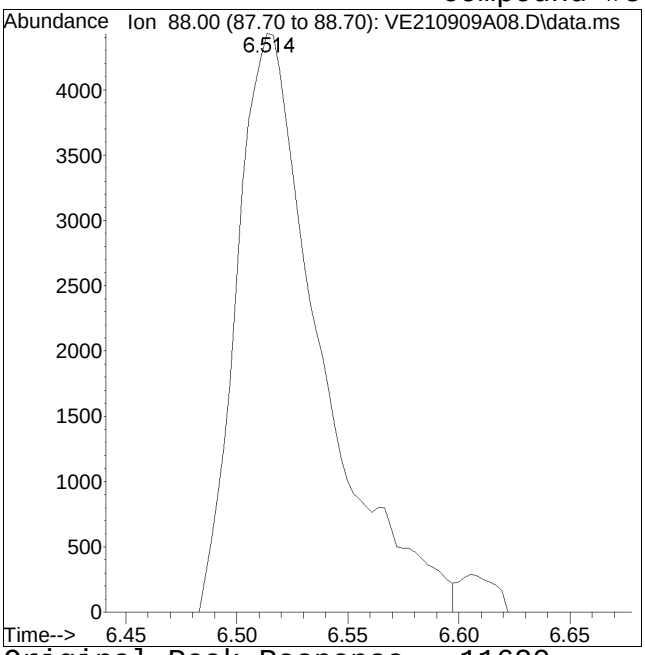
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

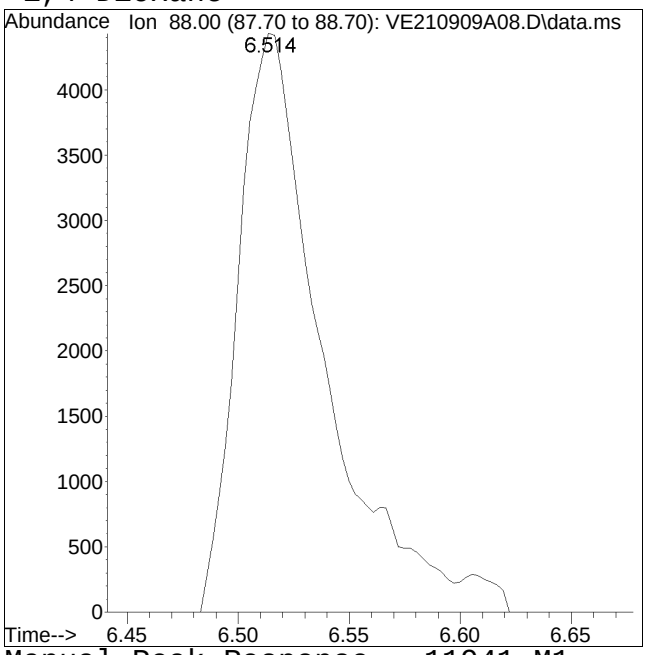
Manual Integration Report

Data Path : I:\VOLATILES\Elaine\2021\2Q
Data File : VE210909A08.D
Date Inj'd : 9/9/2021 1:43 pm
Sample : I8260STD2PPB

Method : Elaine_210909A_8260.m
Operator : ELAINE:NLK
Instrument : Elaine
Quant Date : 9/14/2021 2:16 pm

Compound #57: 1,4-Dioxane





Original Peak Response = 11620 Manual Peak Response = 11941 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2021\210909A\
Data File : VE210909A09.D
Acq On : 9 Sep 2021 2:04 pm
Operator : ELAINE:NLK
Sample : I8260STD10PPB
Misc : WG1545678,ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 13 11:39:33 2021
Quant Method : I:\VOLATILES\Elaine\2021\210909A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:40 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2021\210909A\VE210909A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.409	96	231987	10.000	ug/L	0.00
Standard Area 1 = 231987			Recovery = 100.00%			
59) Chlorobenzene-d5	8.442	117	160220	10.000	ug/L	0.00
Standard Area 1 = 160220			Recovery = 100.00%			
79) 1,4-Dichlorobenzene-d4	9.936	152	78675	10.000	ug/L	0.00
Standard Area 1 = 78675			Recovery = 100.00%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.416	113	52295	9.895	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.95%			
43) 1,2-Dichloroethane-d4	5.061	65	76649	9.870	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.70%			
60) Toluene-d8	7.120	98	218617	9.923	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.23%			
83) 4-Bromofluorobenzene	9.265	95	93529	10.021	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.21%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.921	85	39869	9.899	ug/L	98
3) Chloromethane	1.038	50	52875	9.939	ug/L	99
4) Vinyl chloride	1.091	62	53132	10.718	ug/L	99
5) Bromomethane	1.291	94	22615	8.746	ug/L	97
6) Chloroethane	1.369	64	31673	10.000	ug/L	89
7) Trichlorofluoromethane	1.464	101	59831	9.849	ug/L	96
8) Ethyl ether	1.695	74	24955	10.028	ug/L	80
10) 1,1-Dichloroethene	1.820	96	33225	9.316	ug/L	93
11) Carbon disulfide	1.825	76	96498	9.941	ug/L	100
12) Freon-113	1.862	101	36460	9.974	ug/L	94
13) Iodomethane	1.920	142	31532	8.889	ug/L	85
14) Acrolein	2.098	56	2318	10.207	ug/L	96
15) Methylene chloride	2.298	84	44555	9.560	ug/L	83
17) Acetone	2.360	43	11330	8.384	ug/L	95
18) trans-1,2-Dichloroethene	2.437	96	38035	9.731	ug/L	95
19) Methyl acetate	2.482	43	22738	8.331	ug/L #	95
20) Methyl tert-butyl ether	2.560	73	125539	9.696	ug/L	98
21) tert-Butyl alcohol	2.710	59	20989M1	50.526	ug/L	
22) Diisopropyl ether	2.974	45	168170	9.777	ug/L	94
23) 1,1-Dichloroethane	3.061	63	91374	9.866	ug/L	98
24) Halothane	3.203	117	28702	9.927	ug/L	98

Data Path : I:\VOLATILES\Elaine\2021\210909A\
Data File : VE210909A09.D
Acq On : 9 Sep 2021 2:04 pm
Operator : ELAINE:NLK
Sample : I8260STD10PPB
Misc : WG1545678,ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 13 11:39:33 2021
Quant Method : I:\VOLATILES\Elaine\2021\210909A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:40 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2021\210909A\VE210909A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Acrylonitrile	3.130	53	12774M1	9.336	ug/L		
26) Ethyl tert-butyl ether	3.406	59	171421	9.824	ug/L		97
27) Vinyl acetate	3.420	43	94286	9.925	ug/L		98
28) cis-1,2-Dichloroethene	3.734	96	44872	9.789	ug/L		85
29) 2,2-Dichloropropane	3.865	77	65701M1	9.404	ug/L		
30) Bromochloromethane	4.004	128	18157M1	10.372	ug/L		
31) Cyclohexane	3.959	56	81543	9.457	ug/L		84
32) Chloroform	4.165	83	81619M1	10.033	ug/L		
33) Ethyl acetate	4.416	43	35322M1	8.827	ug/L		
34) Carbon tetrachloride	4.282	117	54953	10.009	ug/L		98
35) Tetrahydrofuran	4.354	42	8732	8.686	ug/L	#	60
37) 1,1,1-Trichloroethane	4.385	97	71185	10.044	ug/L	#	92
39) 2-Butanone	4.613	43	18005	9.776	ug/L	#	92
40) 1,1-Dichloropropene	4.558	75	58082	10.069	ug/L		98
41) Benzene	4.877	78	174233	9.756	ug/L		96
42) tert-Amyl methyl ether	5.103	73	127373	9.549	ug/L		93
44) 1,2-Dichloroethane	5.145	62	69719	9.542	ug/L		99
47) Methyl cyclohexane	5.556	83	67045	9.283	ug/L		87
48) Trichloroethene	5.601	95	43285	9.922	ug/L		91
50) Dibromomethane	6.060	93	24483	9.765	ug/L		90
51) 1,2-Dichloropropane	6.171	63	49505	9.671	ug/L		95
53) 2-Chloroethyl vinyl ether	6.936	63	13684	9.924	ug/L		92
54) Bromodichloromethane	6.282	83	61822	9.627	ug/L		99
57) 1,4-Dioxane	6.511	88	15117M1	480.645	ug/L		
58) cis-1,3-Dichloropropene	6.947	75	69129	9.574	ug/L		97
61) Toluene	7.170	92	108184	9.537	ug/L		98
62) 4-Methyl-2-pentanone	7.590	58	14815	9.311	ug/L	#	97
63) Tetrachloroethene	7.529	166	35761	9.430	ug/L		100
65) trans-1,3-Dichloropropene	7.610	75	62874	9.556	ug/L		93
67) Ethyl methacrylate	7.799	69	50722	9.215	ug/L		98
68) 1,1,2-Trichloroethane	7.740	83	28288	9.511	ug/L		98
69) Chlorodibromomethane	7.877	129	35393	9.501	ug/L		99
70) 1,3-Dichloropropane	7.955	76	60215	8.950	ug/L		99
71) 1,2-Dibromoethane	8.035	107	31161	9.393	ug/L		99
72) 2-Hexanone	8.283	43	26177	8.776	ug/L		98
73) Chlorobenzene	8.453	112	109161	9.737	ug/L		98
74) Ethylbenzene	8.492	91	212234	10.041	ug/L		97
75) 1,1,1,2-Tetrachloroethane	8.511	131	37257	9.522	ug/L		94
76) p/m Xylene	8.600	106	152700	20.348	ug/L		92
77) o Xylene	8.887	106	144871	20.183	ug/L		96

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2021\210909A\
Data File : VE210909A09.D
Acq On : 9 Sep 2021 2:04 pm
Operator : ELAINE:NLK
Sample : I8260STD10PPB
Misc : WG1545678,ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 13 11:39:33 2021
Quant Method : I:\VOLATILES\Elaine\2021\210909A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:40 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2021\210909A\VE210909A09.D
Sub List : 8260-Curve - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
78)	Styrene	8.923	104	259902	20.580	ug/L		95
80)	Bromoform	8.928	173	20368	9.377	ug/L		98
82)	Isopropylbenzene	9.095	105	198041	10.038	ug/L		99
84)	Bromobenzene	9.321	156	42191	9.754	ug/L		98
85)	n-Propylbenzene	9.357	91	243531	10.292	ug/L		98
86)	1,4-Dichlorobutane	9.365	55	79580	9.750	ug/L		99
87)	1,1,2,2-Tetrachloroethane	9.415	83	39290	9.806	ug/L		99
88)	4-Ethyltoluene	9.426	105	187759	10.093	ug/L		99
89)	2-Chlorotoluene	9.440	91	173083	10.061	ug/L		94
90)	1,3,5-Trimethylbenzene	9.482	105	165201	10.031	ug/L		97
91)	1,2,3-Trichloropropane	9.482	75	35313	9.729	ug/L		94
92)	trans-1,4-Dichloro-2-b...	9.515	53	14666	9.648	ug/L		92
93)	4-Chlorotoluene	9.543	91	155749	9.915	ug/L		95
94)	tert-Butylbenzene	9.666	119	134199	10.102	ug/L	#	86
97)	1,2,4-Trimethylbenzene	9.710	105	164721	10.114	ug/L		99
98)	sec-Butylbenzene	9.771	105	203175	10.108	ug/L		99
99)	p-Isopropyltoluene	9.860	119	163583	9.895	ug/L		97
100)	1,3-Dichlorobenzene	9.891	146	80598	9.918	ug/L		97
101)	1,4-Dichlorobenzene	9.944	146	81053	9.918	ug/L		95
102)	p-Diethylbenzene	10.072	119	93402	9.806	ug/L		97
103)	n-Butylbenzene	10.105	91	152686	10.025	ug/L		98
104)	1,2-Dichlorobenzene	10.186	146	75787	9.789	ug/L		95
105)	1,2,4,5-Tetramethylben...	10.528	119	147867	9.841	ug/L		97
106)	1,2-Dibromo-3-chloropr...	10.642	155	5332	9.136	ug/L		91
107)	1,3,5-Trichlorobenzene	10.656	180	51578	9.816	ug/L		94
108)	Hexachlorobutadiene	11.001	225	16185	9.136	ug/L		99
109)	1,2,4-Trichlorobenzene	11.015	180	46189	9.292	ug/L		99
110)	Naphthalene	11.196	128	116609	9.501	ug/L		100
111)	1,2,3-Trichlorobenzene	11.296	180	43423	9.575	ug/L		98

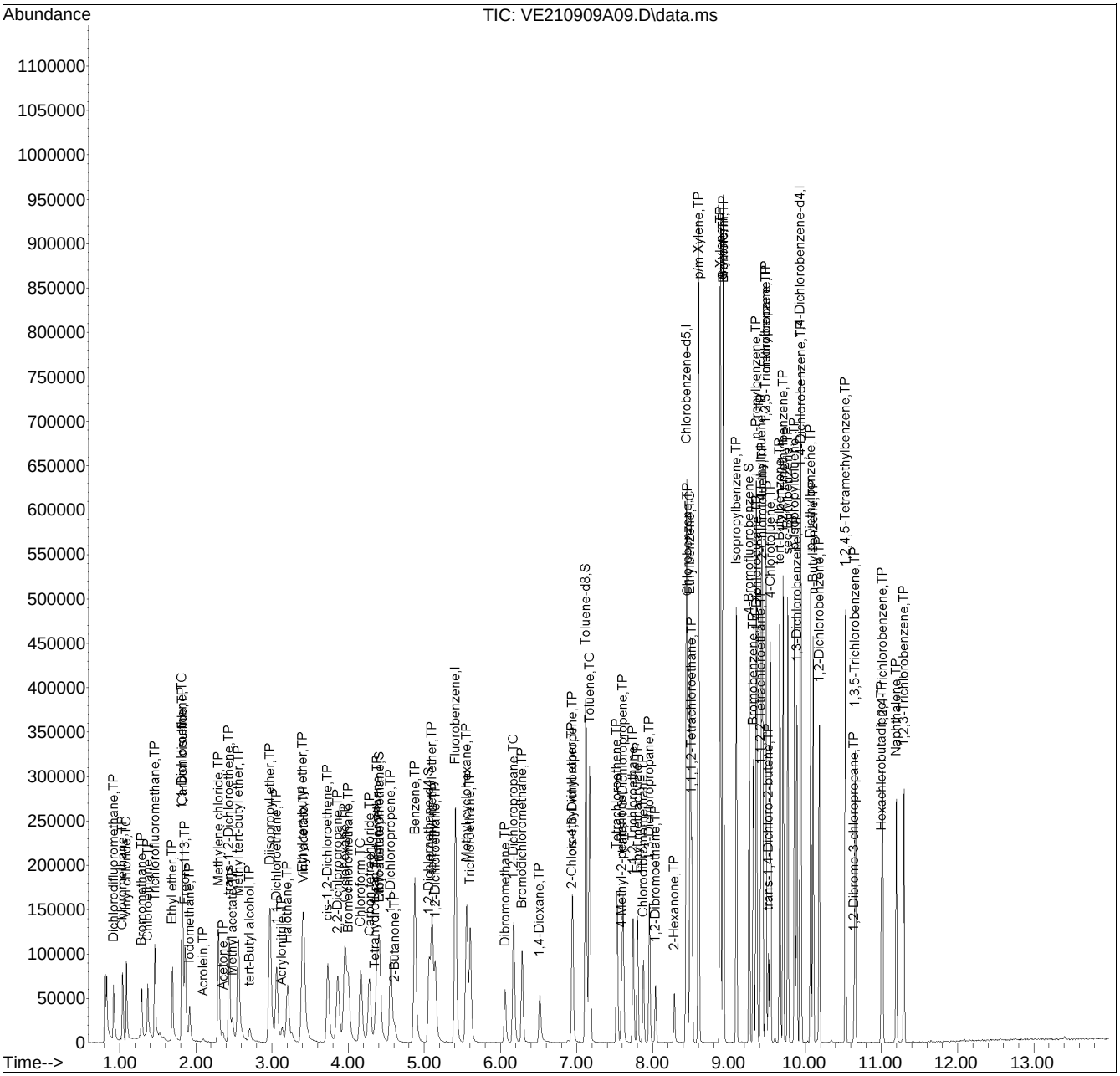
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2021\210909A\
Data File : VE210909A09.D
Acq On : 9 Sep 2021 2:04 pm
Operator : ELAINE:NLK
Sample : I8260STD10PPB
Misc : WG1545678,ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 13 11:39:33 2021
Quant Method : I:\VOLATILES\Elaine\2021\210909A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:40 2021
Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox10909A\VE210909A09.D•

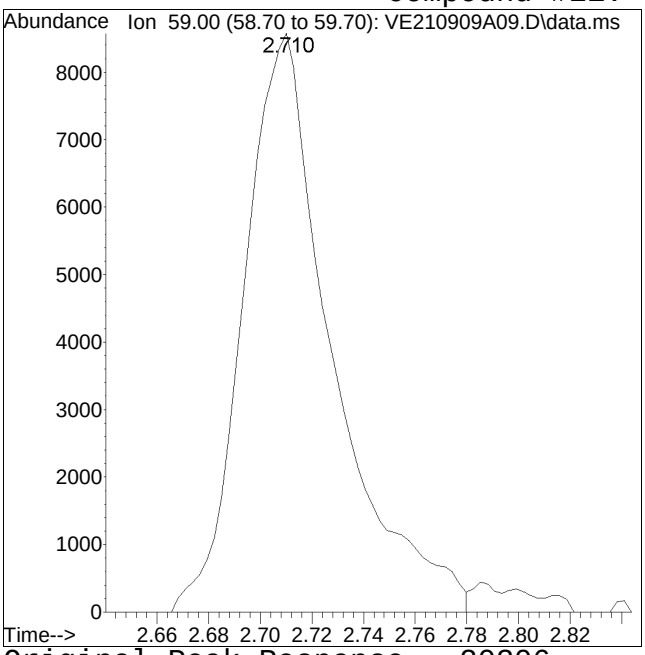


Manual Integration Report

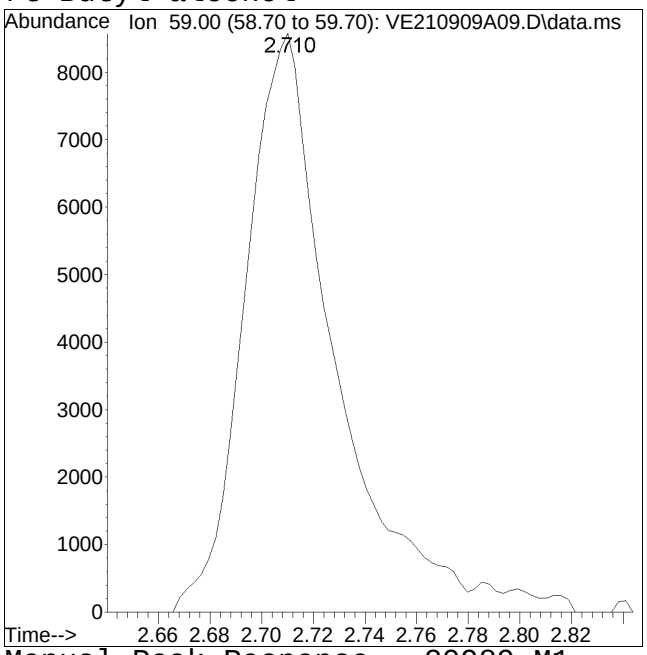
Data Path : I:\VOLATILES\Elaine\2021\2Q
Data File : VE210909A09.D
Date Inj'd : 9/9/2021 2:04 pm
Sample : I8260STD10PPB

Method : Elaine_210909A_8260.m
Operator : ELAINE:NLK
Instrument : Elaine
Quant Date : 9/13/2021 11:39 am

Compound #21: tert-Butyl alcohol



Original Peak Response = 20306



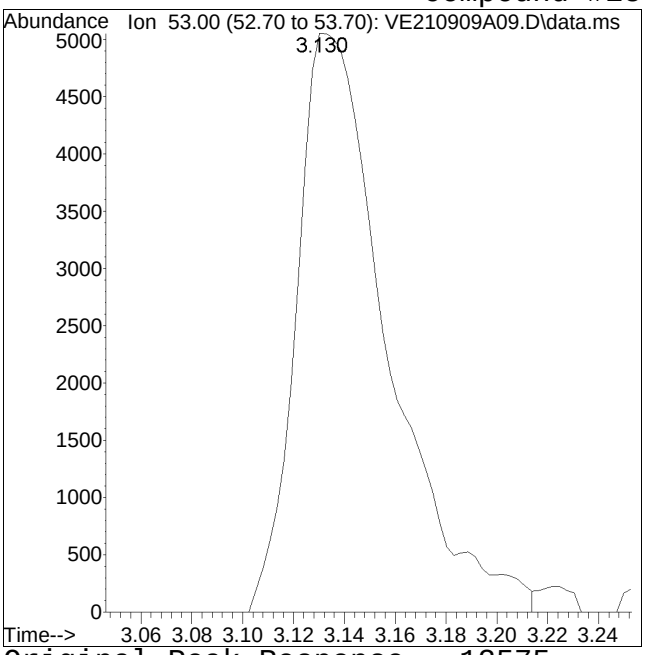
Manual Peak Response = 20989 M1

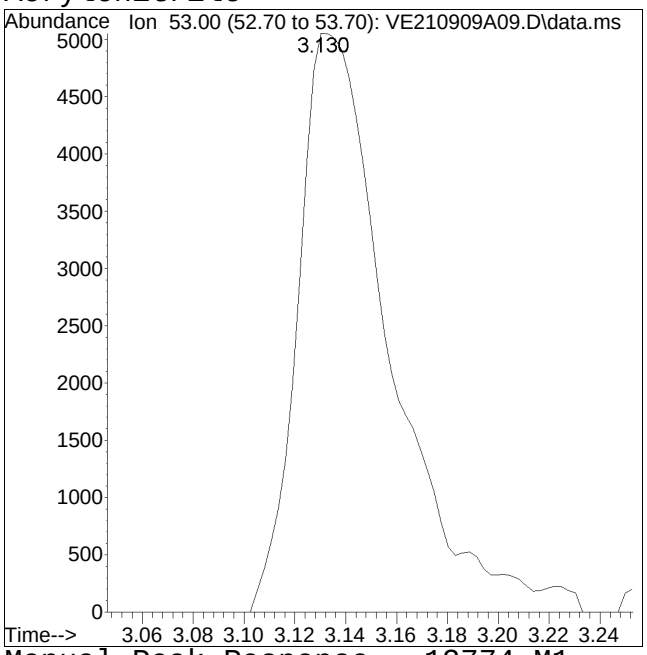
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\Elaine\2021\2QMethod : Elaine_210909A_8260.m
Data File : VE210909A09.D Operator : ELAINE:NLK
Date Inj'd : 9/9/2021 2:04 pm Instrument : Elaine
Sample : I8260STD10PPB Quant Date : 9/13/2021 11:39 am

Compound #25: Acrylonitrile



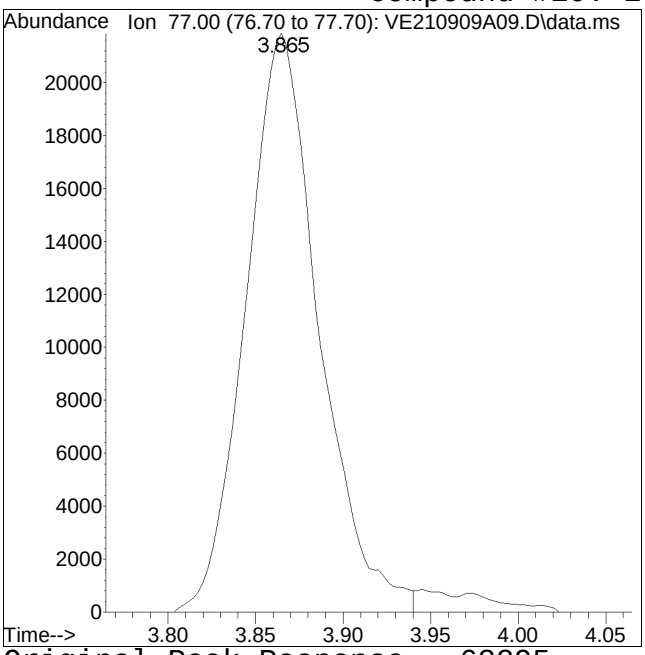


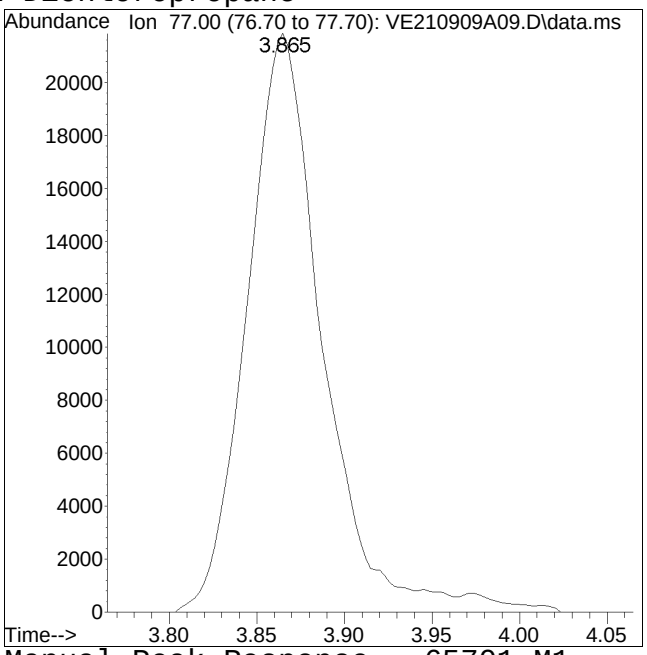
Original Peak Response = 12575 Manual Peak Response = 12774 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\Elaine\2021\2QMethod : Elaine_210909A_8260.m
Data File : VE210909A09.D Operator : ELAINE:NLK
Date Inj'd : 9/9/2021 2:04 pm Instrument : Elaine
Sample : I8260STD10PPB Quant Date : 9/13/2021 11:39 am

Compound #29: 2,2-Dichloropropane



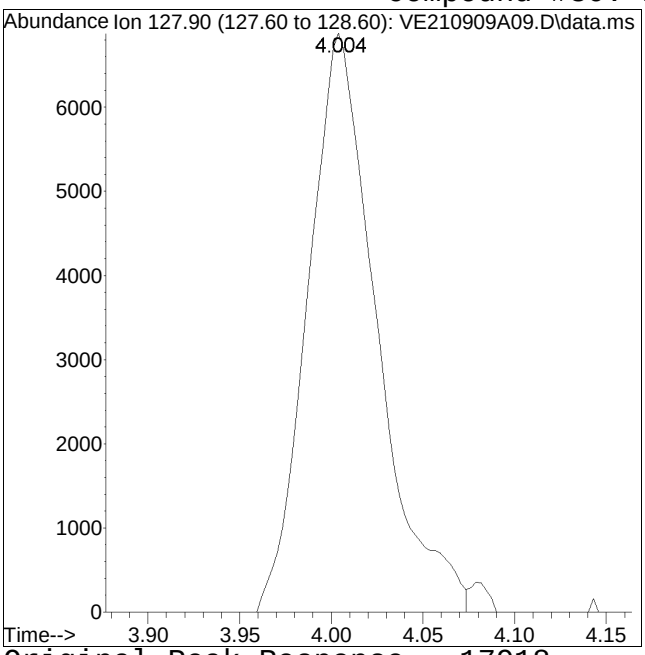


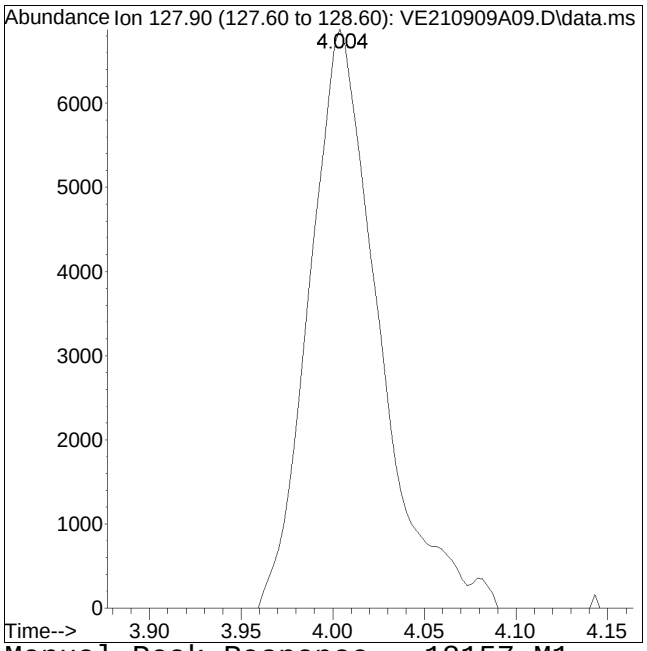
Original Peak Response = 63295 Manual Peak Response = 65701 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\Elaine\2021\2QMethod : Elaine_210909A_8260.m
Data File : VE210909A09.D Operator : ELAINE:NLK
Date Inj'd : 9/9/2021 2:04 pm Instrument : Elaine
Sample : I8260STD10PPB Quant Date : 9/13/2021 11:39 am

Compound #30: Bromochloromethane



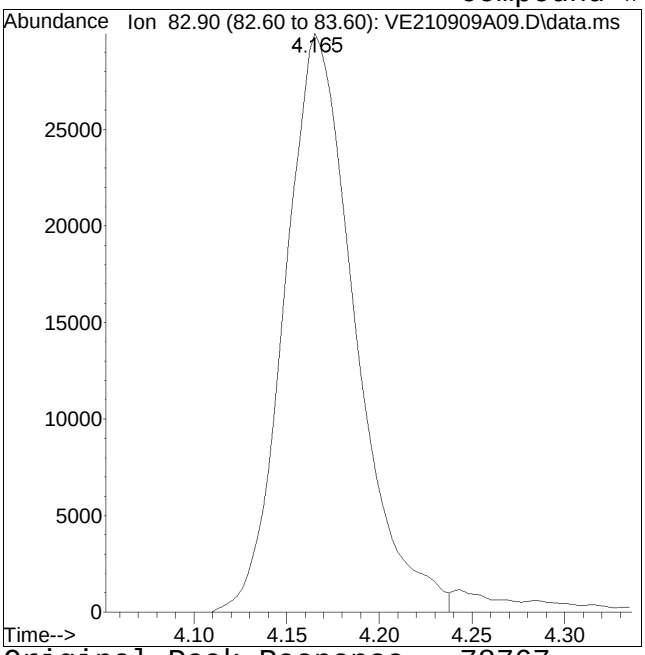


Original Peak Response = 17918 Manual Peak Response = 18157 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

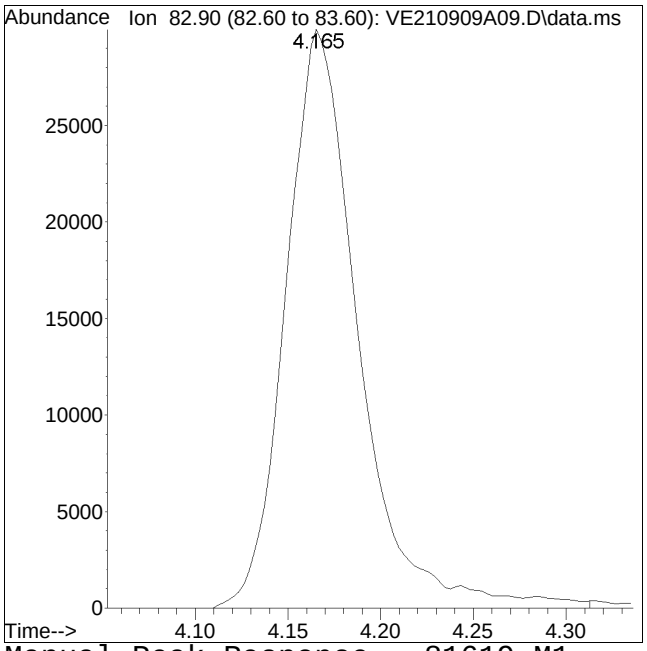
Manual Integration Report

Data Path : I:\VOLATILES\Elaine\2021\2QMethod : Elaine_210909A_8260.m
Data File : VE210909A09.D Operator : ELAINE:NLK
Date Inj'd : 9/9/2021 2:04 pm Instrument : Elaine
Sample : I8260STD10PPB Quant Date : 9/13/2021 11:39 am

Compound #32: Chloroform



Original Peak Response = 78767



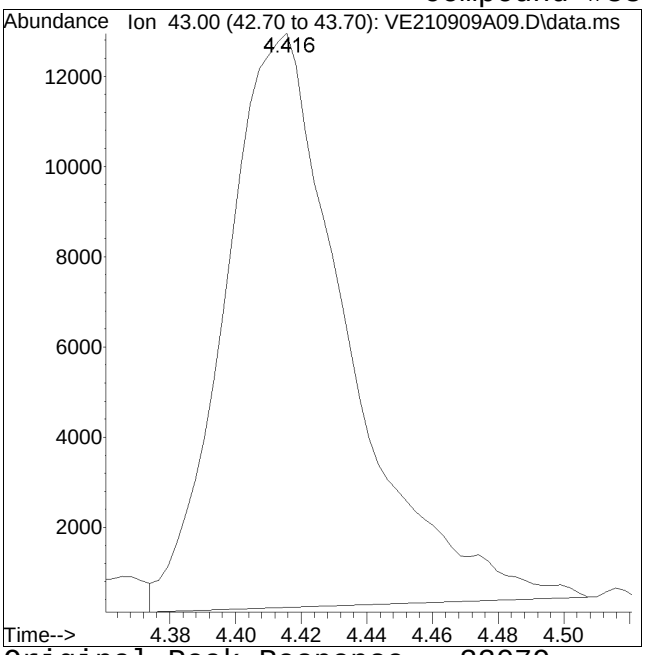
Manual Peak Response = 81619 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

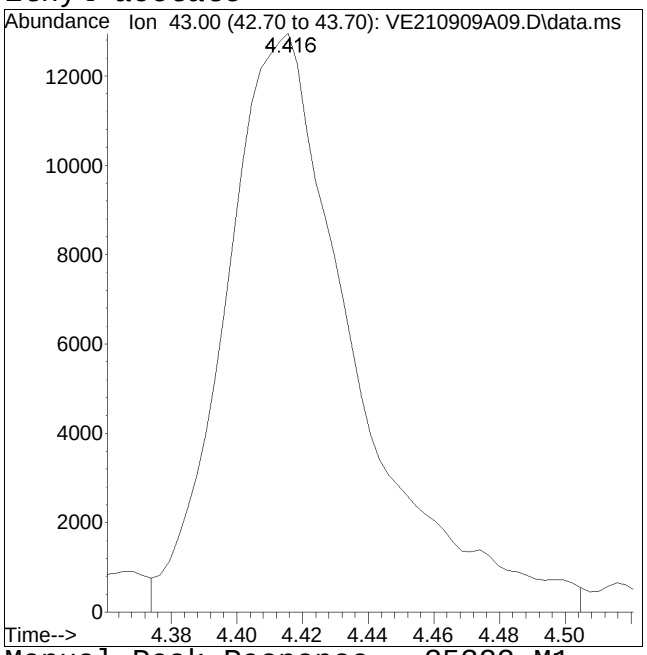
Manual Integration Report

Data Path : I:\VOLATILES\Elaine\2021\2QMethod : Elaine_210909A_8260.m
Data File : VE210909A09.D Operator : ELAINE:NLK
Date Inj'd : 9/9/2021 2:04 pm Instrument : Elaine
Sample : I8260STD10PPB Quant Date : 9/13/2021 11:39 am

Compound #33: Ethyl acetate



Original Peak Response = 33079



Manual Peak Response = 35322 M1

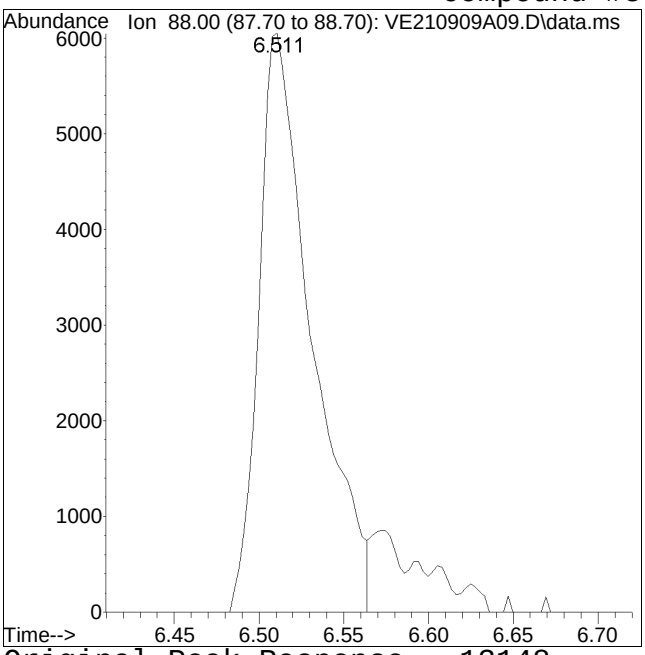
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

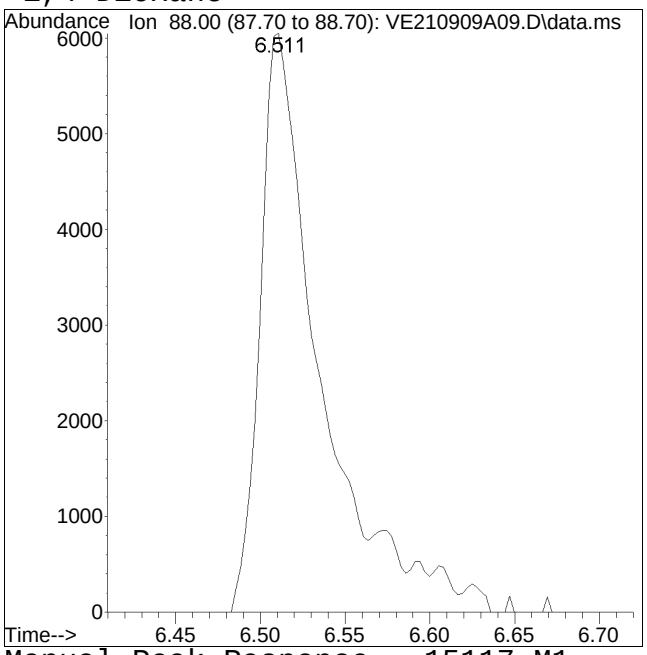
Manual Integration Report

Data Path : I:\VOLATILES\Elaine\2021\2Q
Data File : VE210909A09.D
Date Inj'd : 9/9/2021 2:04 pm
Sample : I8260STD10PPB

Method : Elaine_210909A_8260.m
Operator : ELAINE:NLK
Instrument : Elaine
Quant Date : 9/13/2021 11:39 am

Compound #57: 1,4-Dioxane





Original Peak Response = 13148 Manual Peak Response = 15117 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2021\210909A\
Data File : VE210909A10.D
Acq On : 9 Sep 2021 2:26 pm
Operator : ELAINE:NLK
Sample : I8260STD30PPB
Misc : WG1545678,ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 13 11:39:39 2021
Quant Method : I:\VOLATILES\Elaine\2021\210909A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:40 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2021\210909A\VE210909A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	5.409	96	231614	10.000	ug/L		0.00
Standard Area 1 = 231987			Recovery = 99.84%				
59) Chlorobenzene-d5	8.442	117	154443	10.000	ug/L		0.00
Standard Area 1 = 160220			Recovery = 96.39%				
79) 1,4-Dichlorobenzene-d4	9.936	152	75692	10.000	ug/L		0.00
Standard Area 1 = 78675			Recovery = 96.21%				
System Monitoring Compounds							
36) Dibromofluoromethane	4.413	113	52550	9.960	ug/L		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.60%				
43) 1,2-Dichloroethane-d4	5.064	65	75430	9.729	ug/L		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.29%				
60) Toluene-d8	7.120	98	214346	10.093	ug/L		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.93%				
83) 4-Bromofluorobenzene	9.265	95	92279	10.277	ug/L		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.77%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	0.921	85	130161	32.369	ug/L		98
3) Chloromethane	1.038	50	159039	29.943	ug/L		100
4) Vinyl chloride	1.091	62	162847	32.904	ug/L		98
5) Bromomethane	1.291	94	72456	28.067	ug/L		93
6) Chloroethane	1.369	64	99674	31.521	ug/L		97
7) Trichlorofluoromethane	1.461	101	194121	32.005	ug/L		99
8) Ethyl ether	1.695	74	79191	31.875	ug/L		79
10) 1,1-Dichloroethene	1.820	96	110789	31.115	ug/L		89
11) Carbon disulfide	1.825	76	299829	30.938	ug/L		99
12) Freon-113	1.859	101	117434	32.177	ug/L		96
13) Iodomethane	1.920	142	109574	30.940	ug/L		90
14) Acrolein	2.098	56	6835	30.147	ug/L		90
15) Methylene chloride	2.298	84	136145	29.259	ug/L		83
17) Acetone	2.357	43	34379	28.090	ug/L		98
18) trans-1,2-Dichloroethene	2.438	96	116642	29.891	ug/L		96
19) Methyl acetate	2.479	43	70156	25.745	ug/L	#	95
20) Methyl tert-butyl ether	2.557	73	398733	30.846	ug/L		96
21) tert-Butyl alcohol	2.707	59	62974	151.840	ug/L	#	78
22) Diisopropyl ether	2.972	45	518830	30.212	ug/L		94
23) 1,1-Dichloroethane	3.061	63	284324	30.750	ug/L		98
24) Halothane	3.208	117	91715	31.773	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2021\210909A\
Data File : VE210909A10.D
Acq On : 9 Sep 2021 2:26 pm
Operator : ELAINE:NLK
Sample : I8260STD30PPB
Misc : WG1545678,ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 13 11:39:39 2021
Quant Method : I:\VOLATILES\Elaine\2021\210909A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:40 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2021\210909A\VE210909A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Acrylonitrile	3.136	53	38999	28.548	ug/L		94
26) Ethyl tert-butyl ether	3.403	59	530653	30.460	ug/L		91
27) Vinyl acetate	3.422	43	250434	26.404	ug/L		99
28) cis-1,2-Dichloroethene	3.734	96	132738	29.005	ug/L		89
29) 2,2-Dichloropropane	3.865	77	224148	32.134	ug/L		96
30) Bromochloromethane	4.004	128	53450	30.581	ug/L		85
31) Cyclohexane	3.959	56	276026	32.064	ug/L		85
32) Chloroform	4.165	83	244962	30.160	ug/L		98
33) Ethyl acetate	4.410	43	111231M1	27.840	ug/L		
34) Carbon tetrachloride	4.279	117	179910	32.820	ug/L		98
35) Tetrahydrofuran	4.346	42	29200	29.092	ug/L	#	64
37) 1,1,1-Trichloroethane	4.385	97	223065	31.526	ug/L	#	94
39) 2-Butanone	4.605	43	63712	34.648	ug/L	#	83
40) 1,1-Dichloropropene	4.560	75	189299	32.869	ug/L		99
41) Benzene	4.878	78	551034	30.904	ug/L		96
42) tert-Amyl methyl ether	5.100	73	403262	30.281	ug/L		92
44) 1,2-Dichloroethane	5.145	62	216906	29.734	ug/L		99
47) Methyl cyclohexane	5.556	83	231849	32.152	ug/L		85
48) Trichloroethene	5.604	95	145675	33.448	ug/L		88
50) Dibromomethane	6.060	93	73106	29.205	ug/L		94
51) 1,2-Dichloropropane	6.171	63	154215	30.176	ug/L		96
53) 2-Chloroethyl vinyl ether	6.936	63	41156	29.897	ug/L		97
54) Bromodichloromethane	6.283	83	193419	30.168	ug/L		99
57) 1,4-Dioxane	6.514	88	19670M1	626.415	ug/L		
58) cis-1,3-Dichloropropene	6.945	75	222233	30.828	ug/L		97
61) Toluene	7.170	92	339928	31.087	ug/L		95
62) 4-Methyl-2-pentanone	7.590	58	47876	31.215	ug/L	#	98
63) Tetrachloroethene	7.532	166	114781	31.401	ug/L		100
65) trans-1,3-Dichloropropene	7.610	75	202143	31.872	ug/L		95
67) Ethyl methacrylate	7.799	69	162020	30.537	ug/L		98
68) 1,1,2-Trichloroethane	7.741	83	89123	31.087	ug/L		98
69) Chlorodibromomethane	7.877	129	113458	31.596	ug/L		96
70) 1,3-Dichloropropane	7.955	76	195424	30.132	ug/L		100
71) 1,2-Dibromoethane	8.035	107	99247	31.034	ug/L		99
72) 2-Hexanone	8.280	43	93337	32.464	ug/L		98
73) Chlorobenzene	8.453	112	337399	31.220	ug/L		99
74) Ethylbenzene	8.492	91	658447	32.317	ug/L		97
75) 1,1,1,2-Tetrachloroethane	8.511	131	117229	31.082	ug/L		95
76) p/m Xylene	8.600	106	472158	65.269	ug/L		93
77) o Xylene	8.887	106	449523	64.970	ug/L		97

Data Path : I:\VOLATILES\Elaine\2021\210909A\
Data File : VE210909A10.D
Acq On : 9 Sep 2021 2:26 pm
Operator : ELAINE:NLK
Sample : I8260STD30PPB
Misc : WG1545678,ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 13 11:39:39 2021
Quant Method : I:\VOLATILES\Elaine\2021\210909A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:40 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2021\210909A\VE210909A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) Styrene	8.926	104	803193	65.980	ug/L	96
80) Bromoform	8.929	173	66122	31.641	ug/L	95
82) Isopropylbenzene	9.098	105	612316	32.259	ug/L	99
84) Bromobenzene	9.321	156	130522	31.365	ug/L	99
85) n-Propylbenzene	9.357	91	755112	33.170	ug/L	98
86) 1,4-Dichlorobutane	9.365	55	243972	31.068	ug/L	100
87) 1,1,2,2-Tetrachloroethane	9.413	83	118202	30.662	ug/L	99
88) 4-Ethyltoluene	9.427	105	588899	32.905	ug/L	100
89) 2-Chlorotoluene	9.440	91	535154	32.334	ug/L	94
90) 1,3,5-Trimethylbenzene	9.482	105	515549	32.538	ug/L	96
91) 1,2,3-Trichloropropane	9.482	75	110264	31.577	ug/L	95
92) trans-1,4-Dichloro-2-b...	9.516	53	42950	29.368	ug/L	87
93) 4-Chlorotoluene	9.543	91	478477	31.662	ug/L	95
94) tert-Butylbenzene	9.666	119	424771	33.235	ug/L	88
97) 1,2,4-Trimethylbenzene	9.710	105	509890	32.541	ug/L	98
98) sec-Butylbenzene	9.772	105	637919	32.986	ug/L	98
99) p-Isopropyltoluene	9.861	119	523181	32.893	ug/L	98
100) 1,3-Dichlorobenzene	9.891	146	247416	31.645	ug/L	97
101) 1,4-Dichlorobenzene	9.944	146	244966	31.156	ug/L	95
102) p-Diethylbenzene	10.072	119	300463	32.788	ug/L	97
103) n-Butylbenzene	10.105	91	489252	33.390	ug/L	97
104) 1,2-Dichlorobenzene	10.186	146	234142	31.434	ug/L	97
105) 1,2,4,5-Tetramethylben...	10.528	119	470636	32.556	ug/L	97
106) 1,2-Dibromo-3-chloropr...	10.642	155	17200	30.634	ug/L	91
107) 1,3,5-Trichlorobenzene	10.656	180	157691	31.193	ug/L	98
108) Hexachlorobutadiene	11.001	225	54432	31.938	ug/L	96
109) 1,2,4-Trichlorobenzene	11.015	180	149023	31.162	ug/L	98
110) Naphthalene	11.196	128	367856	31.153	ug/L	100
111) 1,2,3-Trichlorobenzene	11.296	180	136767	31.347	ug/L	98

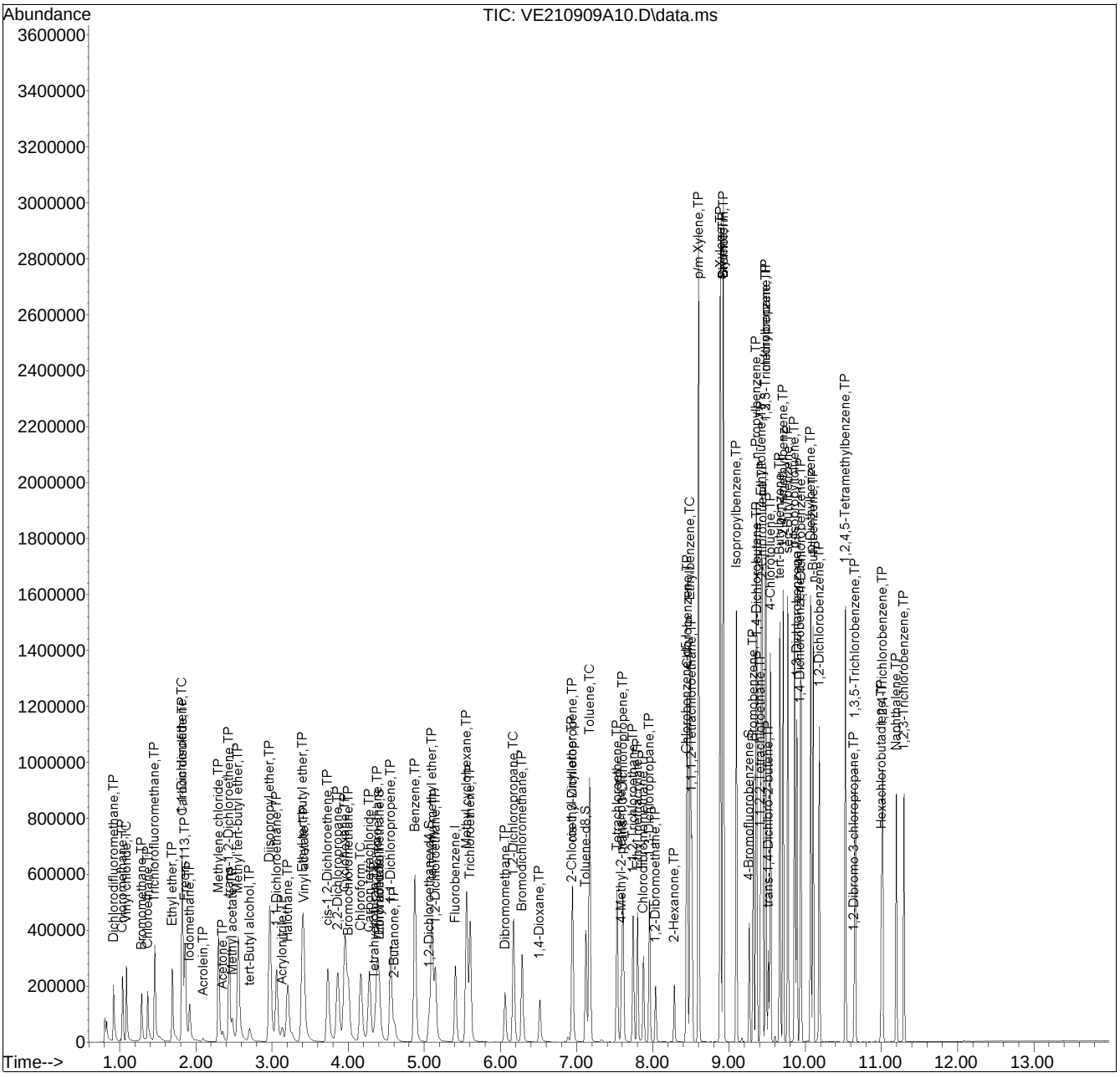
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2021\210909A\
Data File : VE210909A10.D
Acq On : 9 Sep 2021 2:26 pm
Operator : ELAINE:NLK
Sample : I8260STD30PPB
Misc : WG1545678,ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 13 11:39:39 2021
Quant Method : I:\VOLATILES\Elaine\2021\210909A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:40 2021
Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox10909A\VE210909A09.D•

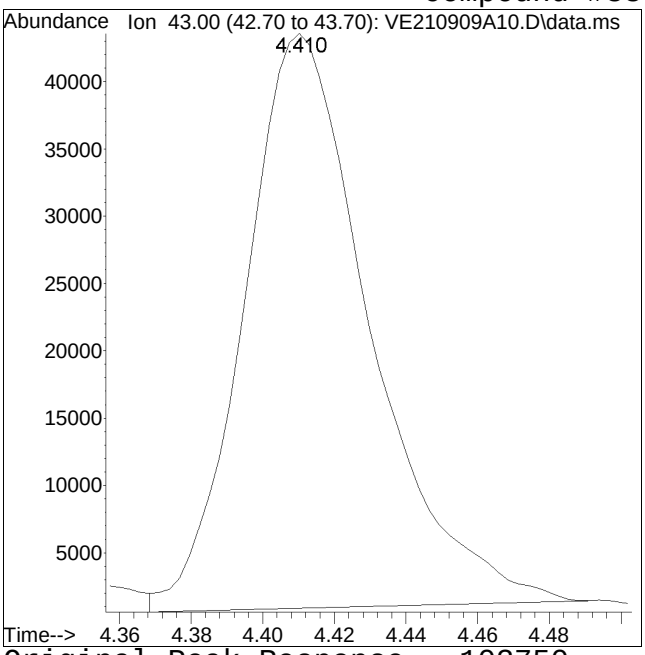


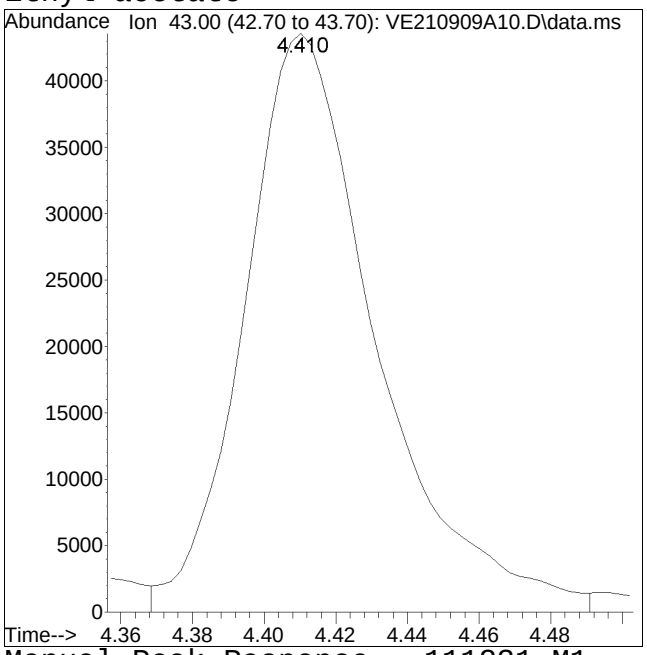
Manual Integration Report

Data Path : I:\VOLATILES\Elaine\2021\2Q
Data File : VE210909A10.D
Date Inj'd : 9/9/2021 2:26 pm
Sample : I8260STD30PPB

Method : Elaine_210909A_8260.m
Operator : ELAINE:NLK
Instrument : Elaine
Quant Date : 9/13/2021 11:39 am

Compound #33: Ethyl acetate





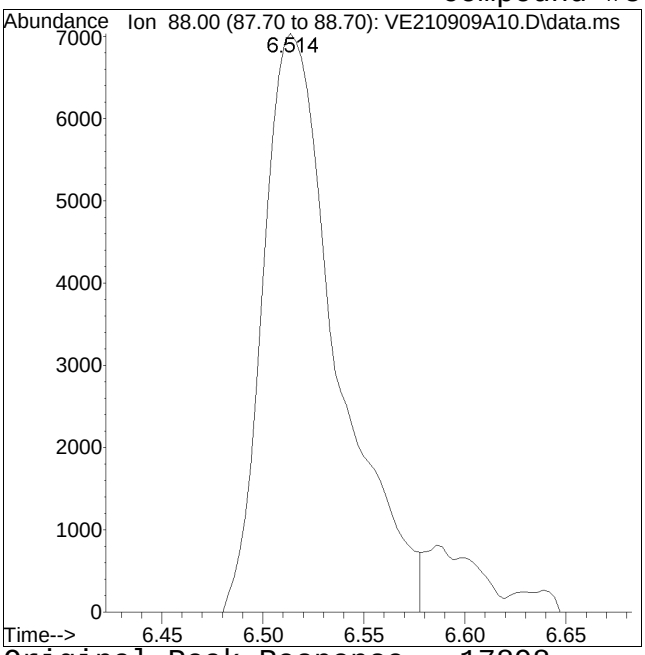
Original Peak Response = 103750 Manual Peak Response = 111231 M1

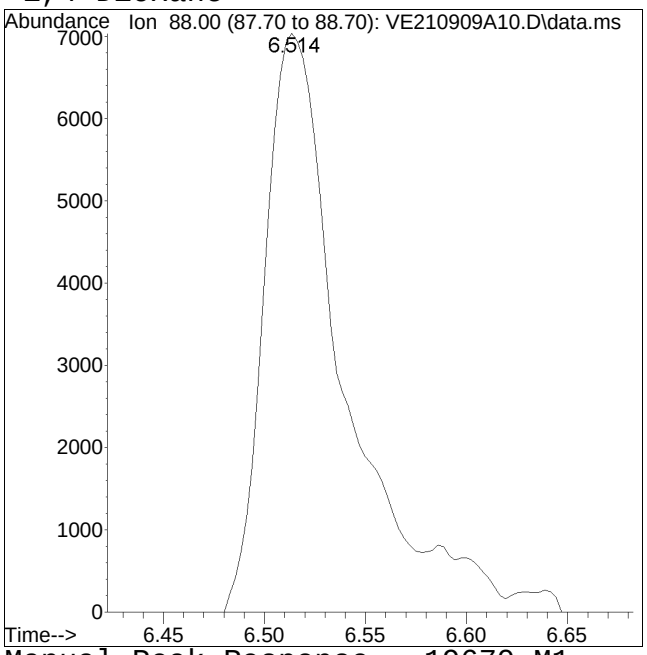
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\Elaine\2021\2QMethod : Elaine_210909A_8260.m
Data File : VE210909A10.D Operator : ELAINE:NLK
Date Inj'd : 9/9/2021 2:26 pm Instrument : Elaine
Sample : I8260STD30PPB Quant Date : 9/13/2021 11:39 am

Compound #57: 1,4-Dioxane





Original Peak Response = 17898 Manual Peak Response = 19670 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2021\210909A\
Data File : VE210909A11.D
Acq On : 9 Sep 2021 2:48 pm
Operator : ELAINE:NLK
Sample : I8260STD80PPB
Misc : WG1545678,ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 13 11:39:46 2021
Quant Method : I:\VOLATILES\Elaine\2021\210909A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:40 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2021\210909A\VE210909A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.409	96	238548	10.000	ug/L	0.00
Standard Area 1 = 231987			Recovery = 102.83%			
59) Chlorobenzene-d5	8.441	117	159772	10.000	ug/L	0.00
Standard Area 1 = 160220			Recovery = 99.72%			
79) 1,4-Dichlorobenzene-d4	9.935	152	78985	10.000	ug/L	0.00
Standard Area 1 = 78675			Recovery = 100.39%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.413	113	51076	9.399	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 93.99%			
43) 1,2-Dichloroethane-d4	5.064	65	77336	9.685	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.85%			
60) Toluene-d8	7.123	98	220406	10.032	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.32%			
83) 4-Bromofluorobenzene	9.265	95	93123	9.938	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.38%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.921	85	361822	87.365	ug/L	97
3) Chloromethane	1.041	50	429714	78.554	ug/L	100
4) Vinyl chloride	1.091	62	446053	87.507	ug/L	98
5) Bromomethane	1.291	94	211982	79.728	ug/L	95
6) Chloroethane	1.369	64	254095	78.021	ug/L	98
7) Trichlorofluoromethane	1.461	101	546547	87.490	ug/L	97
8) Ethyl ether	1.694	74	207314	81.019	ug/L	83
10) 1,1-Dichloroethene	1.820	96	317654	86.620	ug/L	86
11) Carbon disulfide	1.825	76	821630	82.315	ug/L	95
12) Freon-113	1.859	101	331648	88.229	ug/L	93
13) Iodomethane	1.920	142	327721	89.847	ug/L	87
14) Acrolein	2.095	56	18316	78.437	ug/L	93
15) Methylene chloride	2.298	84	365620	76.290	ug/L	83
17) Acetone	2.354	43	101750	83.116	ug/L	98
18) trans-1,2-Dichloroethene	2.437	96	321584	80.014	ug/L	96
19) Methyl acetate	2.479	43	210672	75.062	ug/L #	92
20) Methyl tert-butyl ether	2.557	73	1082914	81.340	ug/L	97
21) tert-Butyl alcohol	2.710	59	178484	417.842	ug/L #	74
22) Diisopropyl ether	2.972	45	1442725	81.570	ug/L	94
23) 1,1-Dichloroethane	3.061	63	771741	81.040	ug/L	100
24) Halothane	3.205	117	253178	85.159	ug/L	100

Data Path : I:\VOLATILES\Elaine\2021\210909A\
Data File : VE210909A11.D
Acq On : 9 Sep 2021 2:48 pm
Operator : ELAINE:NLK
Sample : I8260STD80PPB
Misc : WG1545678,ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 13 11:39:46 2021
Quant Method : I:\VOLATILES\Elaine\2021\210909A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:40 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2021\210909A\VE210909A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Acrylonitrile	3.136	53	107986	76.751	ug/L		97
26) Ethyl tert-butyl ether	3.403	59	1496660	83.413	ug/L		90
27) Vinyl acetate	3.419	43	676632	69.266	ug/L		98
28) cis-1,2-Dichloroethene	3.734	96	371088	78.731	ug/L		86
29) 2,2-Dichloropropane	3.865	77	599684	83.472	ug/L		96
30) Bromochloromethane	4.007	128	145817	81.002	ug/L		83
31) Cyclohexane	3.959	56	770997	86.959	ug/L		83
32) Chloroform	4.168	83	663214	79.281	ug/L		98
33) Ethyl acetate	4.410	43	304719	74.052	ug/L	#	95
34) Carbon tetrachloride	4.279	117	494497	87.587	ug/L		98
35) Tetrahydrofuran	4.346	42	80722	78.087	ug/L	#	66
37) 1,1,1-Trichloroethane	4.382	97	618509	84.873	ug/L	#	94
39) 2-Butanone	4.605	43	172175	90.910	ug/L	#	82
40) 1,1-Dichloropropene	4.560	75	529989	89.349	ug/L		100
41) Benzene	4.877	78	1523763	82.975	ug/L		96
42) tert-Amyl methyl ether	5.100	73	1128172	82.252	ug/L		91
44) 1,2-Dichloroethane	5.144	62	597383	79.511	ug/L		99
47) Methyl cyclohexane	5.556	83	660110	88.880	ug/L		87
48) Trichloroethene	5.604	95	408000	90.955	ug/L		89
50) Dibromomethane	6.060	93	199173	77.254	ug/L		95
51) 1,2-Dichloropropane	6.171	63	432527	82.175	ug/L		95
53) 2-Chloroethyl vinyl ether	6.936	63	118444	83.539	ug/L		95
54) Bromodichloromethane	6.282	83	536057	81.179	ug/L		99
57) 1,4-Dioxane	6.513	88	26476M1	818.651	ug/L		
58) cis-1,3-Dichloropropene	6.945	75	627113	84.464	ug/L		100
61) Toluene	7.170	92	941754	83.253	ug/L		95
62) 4-Methyl-2-pentanone	7.590	58	136183	85.831	ug/L	#	98
63) Tetrachloroethene	7.532	166	324758	85.881	ug/L		99
65) trans-1,3-Dichloropropene	7.610	75	575728	87.747	ug/L		96
67) Ethyl methacrylate	7.799	69	465431	84.797	ug/L		99
68) 1,1,2-Trichloroethane	7.740	83	251490	84.795	ug/L		97
69) Chlorodibromomethane	7.877	129	320383	86.244	ug/L		98
70) 1,3-Dichloropropane	7.955	76	548671	81.776	ug/L		99
71) 1,2-Dibromoethane	8.035	107	281972	85.231	ug/L		99
72) 2-Hexanone	8.283	43	246237	82.787	ug/L		95
73) Chlorobenzene	8.453	112	905128	80.961	ug/L		99
74) Ethylbenzene	8.492	91	1790931	84.967	ug/L		98
75) 1,1,1,2-Tetrachloroethane	8.511	131	327290	83.882	ug/L		95
76) p/m Xylene	8.600	106	1264200	168.929	ug/L		94
77) o Xylene	8.887	106	1209202	168.938	ug/L		100

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2021\210909A\
Data File : VE210909A11.D
Acq On : 9 Sep 2021 2:48 pm
Operator : ELAINE:NLK
Sample : I8260STD80PPB
Misc : WG1545678,ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 13 11:39:46 2021
Quant Method : I:\VOLATILES\Elaine\2021\210909A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:40 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2021\210909A\VE210909A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
78) Styrene	8.926	104	2130081	169.145	ug/L		97
80) Bromoform	8.931	173	187674	86.063	ug/L		96
82) Isopropylbenzene	9.098	105	1658427	83.728	ug/L		99
84) Bromobenzene	9.321	156	349975	80.593	ug/L		97
85) n-Propylbenzene	9.357	91	2030933	85.495	ug/L		100
86) 1,4-Dichlorobutane	9.365	55	666338	81.315	ug/L		99
87) 1,1,2,2-Tetrachloroethane	9.415	83	326472	81.158	ug/L		98
88) 4-Ethyltoluene	9.429	105	1571382	84.141	ug/L		98
89) 2-Chlorotoluene	9.440	91	1432226	82.928	ug/L		95
90) 1,3,5-Trimethylbenzene	9.482	105	1379170	83.416	ug/L		95
91) 1,2,3-Trichloropropane	9.482	75	302148	82.920	ug/L		94
92) trans-1,4-Dichloro-2-b...	9.515	53	123928	81.207	ug/L	#	85
93) 4-Chlorotoluene	9.543	91	1286346	81.571	ug/L		95
94) tert-Butylbenzene	9.668	119	1123225	84.220	ug/L	#	86
97) 1,2,4-Trimethylbenzene	9.710	105	1375779	84.141	ug/L		98
98) sec-Butylbenzene	9.771	105	1721672	85.314	ug/L		99
99) p-Isopropyltoluene	9.860	119	1419265	85.511	ug/L		98
100) 1,3-Dichlorobenzene	9.891	146	669114	82.013	ug/L		98
101) 1,4-Dichlorobenzene	9.944	146	669456	81.594	ug/L		96
102) p-Diethylbenzene	10.072	119	817144	85.453	ug/L		98
103) n-Butylbenzene	10.105	91	1345680	88.010	ug/L		97
104) 1,2-Dichlorobenzene	10.186	146	634683	81.656	ug/L		96
105) 1,2,4,5-Tetramethylben...	10.528	119	1282064	84.989	ug/L		97
106) 1,2-Dibromo-3-chloropr...	10.645	155	47508	81.086	ug/L		93
107) 1,3,5-Trichlorobenzene	10.659	180	433555	82.186	ug/L		97
108) Hexachlorobutadiene	11.001	225	156271	87.868	ug/L		95
109) 1,2,4-Trichlorobenzene	11.015	180	407552	81.669	ug/L		97
110) Naphthalene	11.196	128	1007227	81.744	ug/L		100
111) 1,2,3-Trichlorobenzene	11.296	180	375125	82.393	ug/L		98

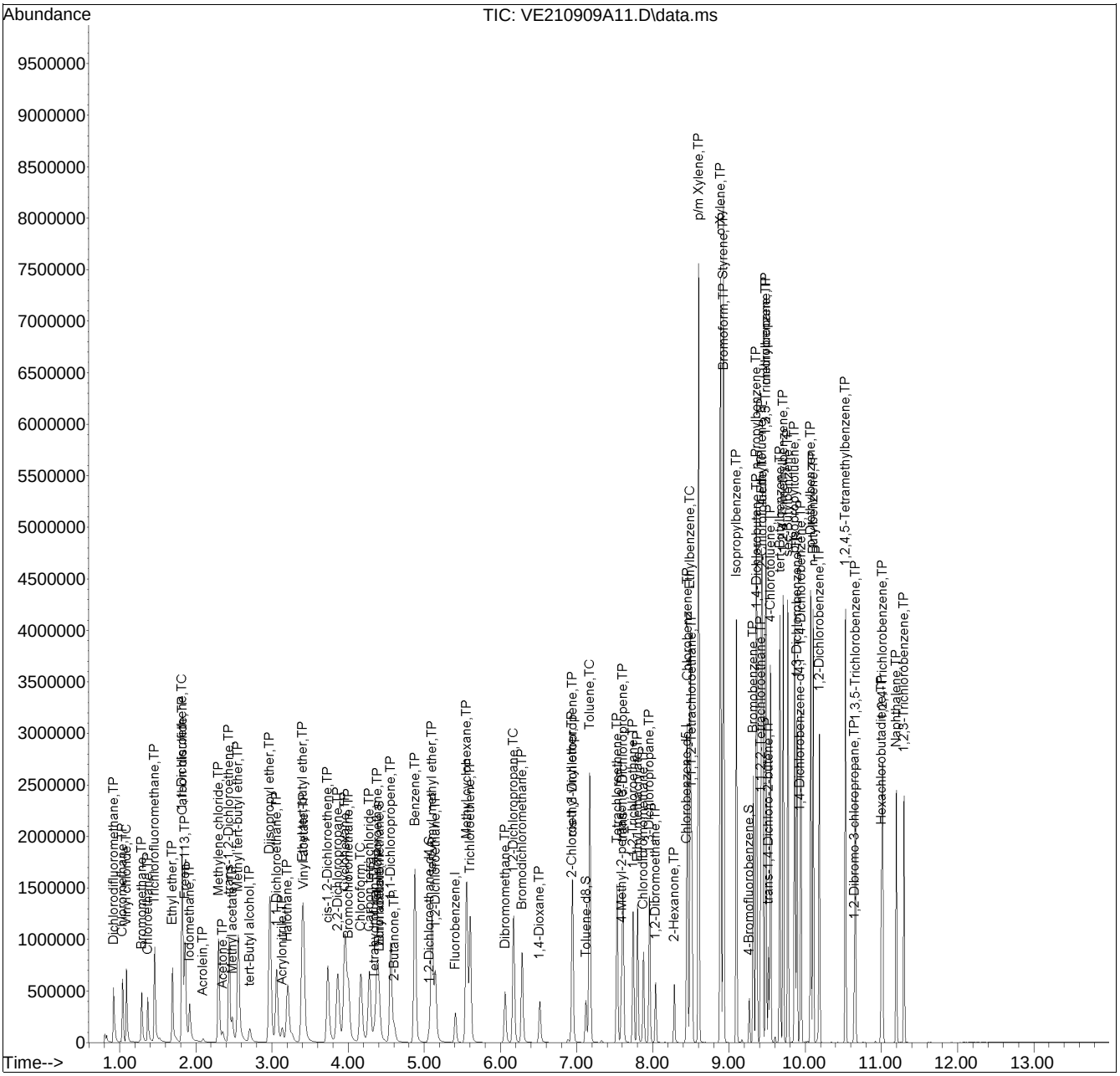
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2021\210909A\
Data File : VE210909A11.D
Acq On : 9 Sep 2021 2:48 pm
Operator : ELAINE:NLK
Sample : I8260STD80PPB
Misc : WG1545678,ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 13 11:39:46 2021
Quant Method : I:\VOLATILES\Elaine\2021\210909A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:40 2021
Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox10909A\VE210909A09.D•

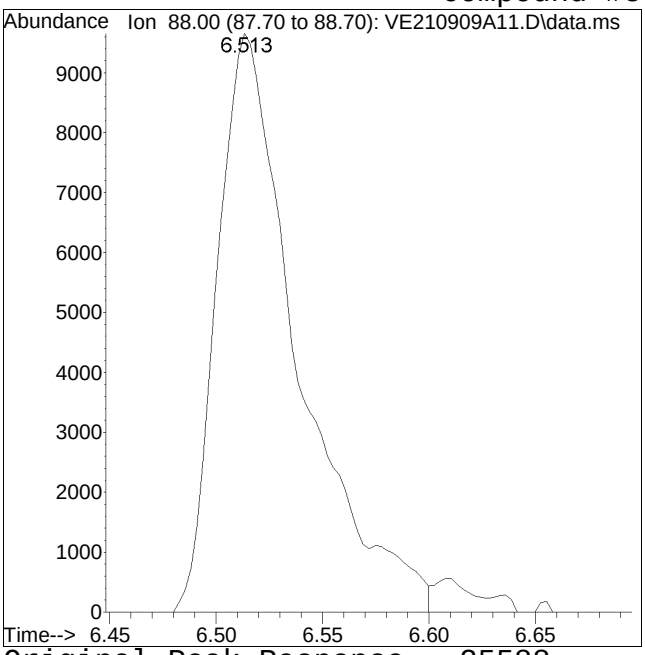


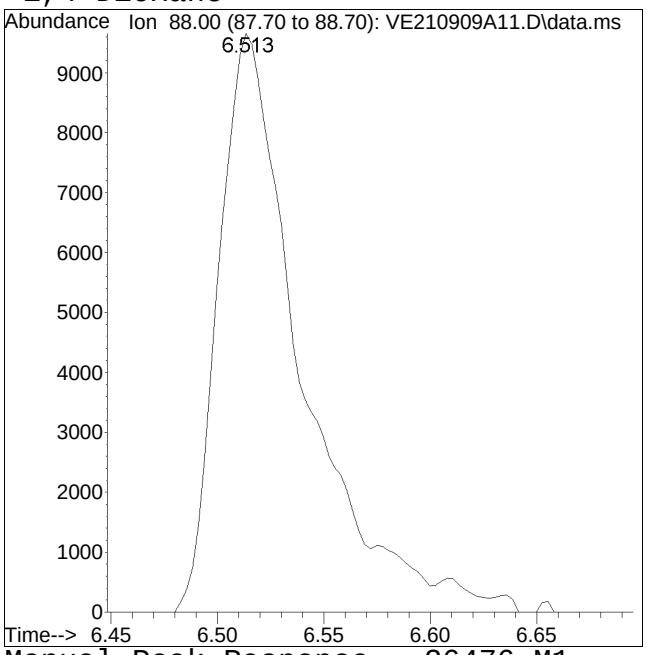
Manual Integration Report

Data Path : I:\VOLATILES\Elaine\2021\2Q
Data File : VE210909A11.D
Date Inj'd : 9/9/2021 2:48 pm
Sample : I8260STD80PPB

Method : Elaine_210909A_8260.m
Operator : ELAINE:NLK
Instrument : Elaine
Quant Date : 9/13/2021 11:39 am

Compound #57: 1,4-Dioxane





Original Peak Response = 25588 Manual Peak Response = 26476 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2021\210909A\
Data File : VE210909A12.D
Acq On : 9 Sep 2021 3:10 pm
Operator : ELAINE:NLK
Sample : I8260STD120PPB
Misc : WG1545678,ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 13 11:39:53 2021
Quant Method : I:\VOLATILES\Elaine\2021\210909A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:40 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2021\210909A\VE210909A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.409	96	239956	10.000	ug/L	0.00
Standard Area 1 = 231987			Recovery = 103.44%			
59) Chlorobenzene-d5	8.442	117	161990	10.000	ug/L	0.00
Standard Area 1 = 160220			Recovery = 101.10%			
79) 1,4-Dichlorobenzene-d4	9.936	152	80258	10.000	ug/L	0.00
Standard Area 1 = 78675			Recovery = 102.01%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.413	113	54832	10.031	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.31%			
43) 1,2-Dichloroethane-d4	5.064	65	82228	10.237	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.37%			
60) Toluene-d8	7.123	98	224299	10.070	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.70%			
83) 4-Bromofluorobenzene	9.265	95	93555	9.826	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.26%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.921	85	521150	125.097	ug/L	98
3) Chloromethane	1.041	50	654694	118.979	ug/L	100
4) Vinyl chloride	1.091	62	678623	132.351	ug/L	97
5) Bromomethane	1.291	94	346473	129.547	ug/L	95
6) Chloroethane	1.369	64	373578	114.035	ug/L	97
7) Trichlorofluoromethane	1.458	101	811310	129.111	ug/L	97
8) Ethyl ether	1.695	74	324629	126.121	ug/L	81
10) 1,1-Dichloroethene	1.820	96	467669	126.779	ug/L	90
11) Carbon disulfide	1.825	76	1253768	124.872	ug/L	96
12) Freon-113	1.859	101	502490	132.895	ug/L	94
13) Iodomethane	1.920	142	488263	133.075	ug/L	87
14) Acrolein	2.095	56	27202	115.807	ug/L	96
15) Methylene chloride	2.298	84	556990	115.540	ug/L	83
17) Acetone	2.354	43	158665	129.552	ug/L	100
18) trans-1,2-Dichloroethene	2.437	96	507693	125.579	ug/L	94
19) Methyl acetate	2.479	43	335284	118.761	ug/L #	92
20) Methyl tert-butyl ether	2.557	73	1659387	123.909	ug/L	97
21) tert-Butyl alcohol	2.710	59	268100	623.956	ug/L #	72
22) Diisopropyl ether	2.972	45	2217945	124.665	ug/L	94
23) 1,1-Dichloroethane	3.061	63	1196360	124.891	ug/L	99
24) Halothane	3.205	117	385713	128.977	ug/L	99

Data Path : I:\VOLATILES\Elaine\2021\210909A\
Data File : VE210909A12.D
Acq On : 9 Sep 2021 3:10 pm
Operator : ELAINE:NLK
Sample : I8260STD120PPB
Misc : WG1545678,ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 13 11:39:53 2021
Quant Method : I:\VOLATILES\Elaine\2021\210909A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:40 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2021\210909A\VE210909A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Acrylonitrile	3.136	53	167155	118.108	ug/L		98
26) Ethyl tert-butyl ether	3.403	59	2288427	126.792	ug/L		90
27) Vinyl acetate	3.420	43	1029738	104.795	ug/L		99
28) cis-1,2-Dichloroethene	3.731	96	569515	120.122	ug/L		88
29) 2,2-Dichloropropane	3.862	77	912006	126.200	ug/L		97
30) Bromochloromethane	4.004	128	217287	119.996	ug/L		84
31) Cyclohexane	3.959	56	1154343	129.432	ug/L		82
32) Chloroform	4.165	83	1036503	123.177	ug/L		98
33) Ethyl acetate	4.407	43	480190	116.010	ug/L	#	94
34) Carbon tetrachloride	4.279	117	756293	133.171	ug/L		99
35) Tetrahydrofuran	4.343	42	129066	124.120	ug/L	#	64
37) 1,1,1-Trichloroethane	4.382	97	939718	128.193	ug/L	#	94
39) 2-Butanone	4.602	43	260865	136.930	ug/L	#	85
40) 1,1-Dichloropropene	4.560	75	801956	134.406	ug/L		99
41) Benzene	4.877	78	2326682	125.953	ug/L		96
42) tert-Amyl methyl ether	5.100	73	1760454	127.597	ug/L		91
44) 1,2-Dichloroethane	5.145	62	920373	121.782	ug/L		99
47) Methyl cyclohexane	5.556	83	991330	132.694	ug/L		87
48) Trichloroethene	5.604	95	624341	138.368	ug/L		88
50) Dibromomethane	6.060	93	310055	119.556	ug/L		94
51) 1,2-Dichloropropane	6.171	63	664575	125.520	ug/L		96
53) 2-Chloroethyl vinyl ether	6.936	63	181055	126.950	ug/L		96
54) Bromodichloromethane	6.283	83	831692	125.210	ug/L		99
57) 1,4-Dioxane	6.516	88	39615	1217.728	ug/L		98
58) cis-1,3-Dichloropropene	6.947	75	963414	128.998	ug/L		99
61) Toluene	7.170	92	1439480	125.510	ug/L		93
62) 4-Methyl-2-pentanone	7.590	58	210584	130.905	ug/L	#	97
63) Tetrachloroethene	7.532	166	498106	129.919	ug/L		99
65) trans-1,3-Dichloropropene	7.610	75	896602	134.780	ug/L		96
67) Ethyl methacrylate	7.799	69	705229	126.726	ug/L		98
68) 1,1,2-Trichloroethane	7.743	83	388378	129.157	ug/L		98
69) Chlorodibromomethane	7.877	129	497041	131.966	ug/L		98
70) 1,3-Dichloropropane	7.955	76	844213	124.101	ug/L		99
71) 1,2-Dibromoethane	8.038	107	430445	128.328	ug/L		99
72) 2-Hexanone	8.280	43	379802	125.945	ug/L		94
73) Chlorobenzene	8.453	112	1394764	123.049	ug/L		99
74) Ethylbenzene	8.494	91	2679030	125.361	ug/L		99
75) 1,1,1,2-Tetrachloroethane	8.514	131	496815	125.587	ug/L		96
76) p/m Xylene	8.603	106	1896877	250.000	ug/L		97
77) o Xylene	8.889	106	1804418	248.644	ug/L		97

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2021\210909A\
Data File : VE210909A12.D
Acq On : 9 Sep 2021 3:10 pm
Operator : ELAINE:NLK
Sample : I8260STD120PPB
Misc : WG1545678,ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 13 11:39:53 2021
Quant Method : I:\VOLATILES\Elaine\2021\210909A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:40 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2021\210909A\VE210909A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
78) Styrene	8.926	104	3143179	246.175	ug/L		98
80) Bromoform	8.931	173	281908	127.226	ug/L		97
82) Isopropylbenzene	9.098	105	2443193	121.392	ug/L		98
84) Bromobenzene	9.321	156	529047	119.898	ug/L		97
85) n-Propylbenzene	9.357	91	3008763	124.649	ug/L		100
86) 1,4-Dichlorobutane	9.365	55	1015381	121.944	ug/L		98
87) 1,1,2,2-Tetrachloroethane	9.415	83	495619	121.252	ug/L		99
88) 4-Ethyltoluene	9.429	105	2349381	123.804	ug/L		98
89) 2-Chlorotoluene	9.440	91	2137375	121.794	ug/L		95
90) 1,3,5-Trimethylbenzene	9.485	105	2058462	122.526	ug/L		95
91) 1,2,3-Trichloropropane	9.482	75	455373	122.988	ug/L		94
92) trans-1,4-Dichloro-2-b...	9.515	53	187344	120.815	ug/L	#	85
93) 4-Chlorotoluene	9.546	91	1922381	119.970	ug/L		95
94) tert-Butylbenzene	9.668	119	1666510	122.974	ug/L	#	86
97) 1,2,4-Trimethylbenzene	9.713	105	2054209	123.640	ug/L		97
98) sec-Butylbenzene	9.774	105	2516281	122.712	ug/L		99
99) p-Isopropyltoluene	9.863	119	2085338	123.650	ug/L		98
100) 1,3-Dichlorobenzene	9.891	146	1007490	121.530	ug/L		97
101) 1,4-Dichlorobenzene	9.947	146	998708	119.793	ug/L		96
102) p-Diethylbenzene	10.072	119	1212884	124.826	ug/L		98
103) n-Butylbenzene	10.105	91	1993987	128.341	ug/L		97
104) 1,2-Dichlorobenzene	10.186	146	940977	119.143	ug/L		96
105) 1,2,4,5-Tetramethylben...	10.528	119	1924948	125.582	ug/L		97
106) 1,2-Dibromo-3-chloropr...	10.642	155	72271	121.394	ug/L		92
107) 1,3,5-Trichlorobenzene	10.659	180	673099	125.570	ug/L		97
108) Hexachlorobutadiene	11.001	225	238770	132.127	ug/L		96
109) 1,2,4-Trichlorobenzene	11.015	180	653403	128.859	ug/L		97
110) Naphthalene	11.196	128	1572650	125.607	ug/L		100
111) 1,2,3-Trichlorobenzene	11.299	180	599367	129.558	ug/L		98

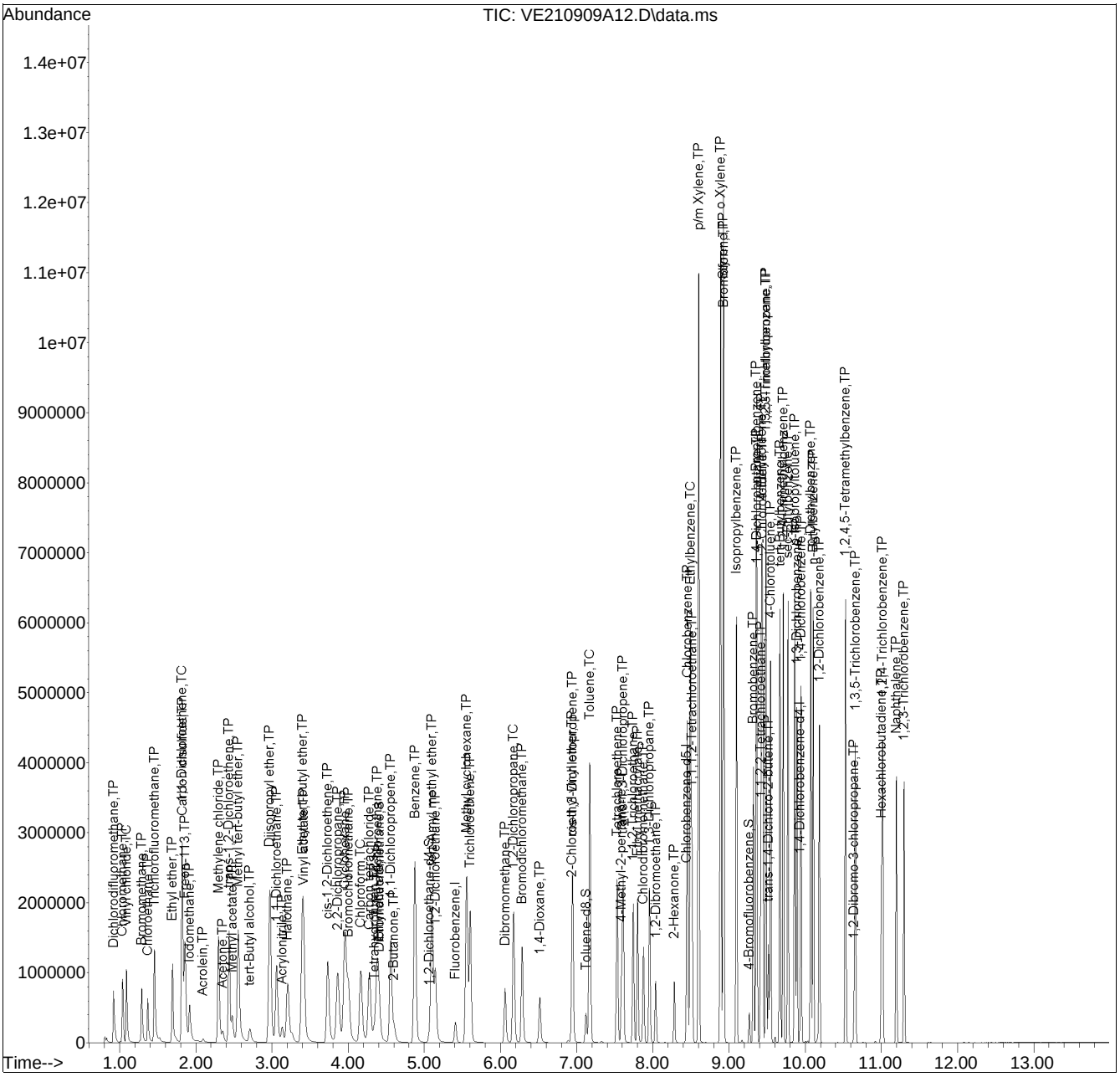
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2021\210909A\
Data File : VE210909A12.D
Acq On : 9 Sep 2021 3:10 pm
Operator : ELAINE:NLK
Sample : I8260STD120PPB
Misc : WG1545678,ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 13 11:39:53 2021
Quant Method : I:\VOLATILES\Elaine\2021\210909A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:40 2021
Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox10909A\VE210909A09.D•



Manual Integration Report

Data Path	: I:\VOLATILES\Elaine\2021\2Q	Method	: Elaine_210909A_8260.m
Data File	: VE210909A12.D	Operator	: ELAINE:NLK
Date Inj'd	: 9/9/2021 3:10 pm	Instrument	: Elaine
Sample	: I8260STD120PPB	Quant Date	: 9/13/2021 11:39 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2021\210909A\
Data File : VE210909A13.D
Acq On : 9 Sep 2021 3:32 pm
Operator : ELAINE:NLK
Sample : I8260STD200PPB
Misc : WG1545678,ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 13 11:40:01 2021
Quant Method : I:\VOLATILES\Elaine\2021\210909A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:40 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2021\210909A\VE210909A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	5.409	96	249399	10.000	ug/L		0.00
Standard Area 1 = 231987			Recovery = 107.51%				
59) Chlorobenzene-d5	8.442	117	163501	10.000	ug/L		0.00
Standard Area 1 = 160220			Recovery = 102.05%				
79) 1,4-Dichlorobenzene-d4	9.938	152	79812	10.000	ug/L		0.00
Standard Area 1 = 78675			Recovery = 101.45%				
System Monitoring Compounds							
36) Dibromofluoromethane	4.413	113	56064	9.868	ug/L		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.68%				
43) 1,2-Dichloroethane-d4	5.061	65	83277	9.975	ug/L		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.75%				
60) Toluene-d8	7.123	98	230039	10.232	ug/L		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.32%				
83) 4-Bromofluorobenzene	9.265	95	92341	9.753	ug/L		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.53%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	0.921	85	862904	199.289	ug/L		98
3) Chloromethane	1.038	50	1100412	192.408	ug/L		99
4) Vinyl chloride	1.091	62	1130505	212.133	ug/L		96
5) Bromomethane	1.291	94	604079	217.315	ug/L		95
6) Chloroethane	1.369	64	589257	173.061	ug/L		96
7) Trichlorofluoromethane	1.455	101	1322041	202.422	ug/L		96
8) Ethyl ether	1.695	74	554318	207.203	ug/L		80
10) 1,1-Dichloroethene	1.820	96	802200	209.233	ug/L		88
11) Carbon disulfide	1.823	76	2088801	200.161	ug/L		96
12) Freon-113	1.856	101	821502	209.038	ug/L		94
13) Iodomethane	1.920	142	801038	210.055	ug/L		87
14) Acrolein	2.098	56	49667	203.442	ug/L		94
15) Methylene chloride	2.298	84	930207	185.652	ug/L		82
17) Acetone	2.357	43	241796	190.550	ug/L		98
18) trans-1,2-Dichloroethene	2.438	96	867548	206.464	ug/L		94
19) Methyl acetate	2.479	43	566848	193.180	ug/L	#	92
20) Methyl tert-butyl ether	2.557	73	2768132	198.874	ug/L		97
21) tert-Butyl alcohol	2.713	59	447630	1002.336	ug/L	#	75
22) Diisopropyl ether	2.974	45	3689254	199.512	ug/L		94
23) 1,1-Dichloroethane	3.061	63	2006538	201.537	ug/L		100
24) Halothane	3.208	117	651982	209.759	ug/L		100

Data Path : I:\VOLATILES\Elaine\2021\210909A\
Data File : VE210909A13.D
Acq On : 9 Sep 2021 3:32 pm
Operator : ELAINE:NLK
Sample : I8260STD200PPB
Misc : WG1545678,ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 13 11:40:01 2021
Quant Method : I:\VOLATILES\Elaine\2021\210909A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:40 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2021\210909A\VE210909A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Acrylonitrile	3.136	53	285484	194.079	ug/L		97
26) Ethyl tert-butyl ether	3.403	59	3823974	203.848	ug/L		98
27) Vinyl acetate	3.420	43	2299930	225.198	ug/L		97
28) cis-1,2-Dichloroethene	3.731	96	959168	194.647	ug/L		87
29) 2,2-Dichloropropane	3.865	77	1524017	202.903	ug/L		97
30) Bromochloromethane	4.007	128	361516	192.087	ug/L		83
31) Cyclohexane	3.959	56	1916343	206.736	ug/L		83
32) Chloroform	4.165	83	1758073	201.017	ug/L		98
33) Ethyl acetate	4.407	43	814506	189.327	ug/L	#	95
34) Carbon tetrachloride	4.279	117	1261084	213.649	ug/L		99
35) Tetrahydrofuran	4.343	42	225048	208.230	ug/L	#	63
37) 1,1,1-Trichloroethane	4.382	97	1558686	204.580	ug/L	#	93
39) 2-Butanone	4.605	43	377208	190.503	ug/L	#	76
40) 1,1-Dichloropropene	4.560	75	1349277	217.573	ug/L		99
41) Benzene	4.878	78	3867478	201.436	ug/L		96
42) tert-Amyl methyl ether	5.100	73	2898181	202.105	ug/L		92
44) 1,2-Dichloroethane	5.147	62	1540977	196.179	ug/L		99
47) Methyl cyclohexane	5.556	83	1660588	213.861	ug/L		86
48) Trichloroethene	5.604	95	1008120	214.962	ug/L		89
50) Dibromomethane	6.060	93	523106	194.070	ug/L		94
51) 1,2-Dichloropropane	6.171	63	1116776	202.942	ug/L		96
53) 2-Chloroethyl vinyl ether	6.936	63	302661	204.181	ug/L		95
54) Bromodichloromethane	6.283	83	1397581	202.437	ug/L		99
57) 1,4-Dioxane	6.514	88	66326	1961.605	ug/L		95
58) cis-1,3-Dichloropropene	6.948	75	1630891	210.103	ug/L		99
61) Toluene	7.173	92	2371950	204.902	ug/L		93
62) 4-Methyl-2-pentanone	7.590	58	341877	210.557	ug/L	#	98
63) Tetrachloroethene	7.532	166	817306	211.205	ug/L		100
65) trans-1,3-Dichloropropene	7.610	75	1485567	221.252	ug/L		97
67) Ethyl methacrylate	7.799	69	1166287	207.639	ug/L		98
68) 1,1,2-Trichloroethane	7.743	83	645092	212.546	ug/L		98
69) Chlorodibromomethane	7.877	129	817371	215.009	ug/L		98
70) 1,3-Dichloropropane	7.957	76	1402443	204.257	ug/L		99
71) 1,2-Dibromoethane	8.038	107	710505	209.864	ug/L		98
72) 2-Hexanone	8.283	43	568915	186.913	ug/L		95
73) Chlorobenzene	8.453	112	2280131	199.298	ug/L		99
74) Ethylbenzene	8.494	91	4261358	197.561	ug/L		100
75) 1,1,1,2-Tetrachloroethane	8.514	131	828972	207.614	ug/L		95
76) p/m Xylene	8.603	106	3019974	394.341	ug/L		95
77) o Xylene	8.890	106	2870980	391.958	ug/L		89

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2021\210909A\
Data File : VE210909A13.D
Acq On : 9 Sep 2021 3:32 pm
Operator : ELAINE:NLK
Sample : I8260STD200PPB
Misc : WG1545678,ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 13 11:40:01 2021
Quant Method : I:\VOLATILES\Elaine\2021\210909A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:40 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2021\210909A\VE210909A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
78) Styrene	8.928	104	4804660	372.825	ug/L		98
80) Bromoform	8.931	173	462562	209.922	ug/L		95
82) Isopropylbenzene	9.098	105	3851414	192.430	ug/L		96
84) Bromobenzene	9.321	156	860929	196.203	ug/L		98
85) n-Propylbenzene	9.360	91	4589851	191.214	ug/L		98
86) 1,4-Dichlorobutane	9.368	55	1610394	194.484	ug/L		98
87) 1,1,2,2-Tetrachloroethane	9.415	83	832607	204.834	ug/L		98
88) 4-Ethyltoluene	9.429	105	3701479	196.145	ug/L		97
89) 2-Chlorotoluene	9.443	91	3420052	195.974	ug/L		96
90) 1,3,5-Trimethylbenzene	9.485	105	3284422	196.592	ug/L		94
91) 1,2,3-Trichloropropane	9.485	75	726774	197.385	ug/L		94
92) trans-1,4-Dichloro-2-b...	9.518	53	301469	195.498	ug/L	#	83
93) 4-Chlorotoluene	9.546	91	3070289	192.679	ug/L		96
94) tert-Butylbenzene	9.669	119	2680396	198.895	ug/L	#	85
97) 1,2,4-Trimethylbenzene	9.713	105	3276907	198.334	ug/L		96
98) sec-Butylbenzene	9.774	105	3950558	193.734	ug/L		99
99) p-Isopropyltoluene	9.863	119	3347509	199.599	ug/L		95
100) 1,3-Dichlorobenzene	9.894	146	1636751	198.538	ug/L		97
101) 1,4-Dichlorobenzene	9.947	146	1637524	197.515	ug/L		96
102) p-Diethylbenzene	10.075	119	2037744	210.890	ug/L		98
103) n-Butylbenzene	10.105	91	3268094	211.524	ug/L		96
104) 1,2-Dichlorobenzene	10.186	146	1560307	198.664	ug/L		96
105) 1,2,4,5-Tetramethylben...	10.531	119	3194663	209.582	ug/L		98
106) 1,2-Dibromo-3-chloropr...	10.645	155	128154	216.465	ug/L		93
107) 1,3,5-Trichlorobenzene	10.659	180	1137342	213.363	ug/L		97
108) Hexachlorobutadiene	11.001	225	405375	225.573	ug/L		96
109) 1,2,4-Trichlorobenzene	11.018	180	1077734	213.729	ug/L		98
110) Naphthalene	11.196	128	2550120	204.816	ug/L		100
111) 1,2,3-Trichlorobenzene	11.299	180	971382	211.145	ug/L		99

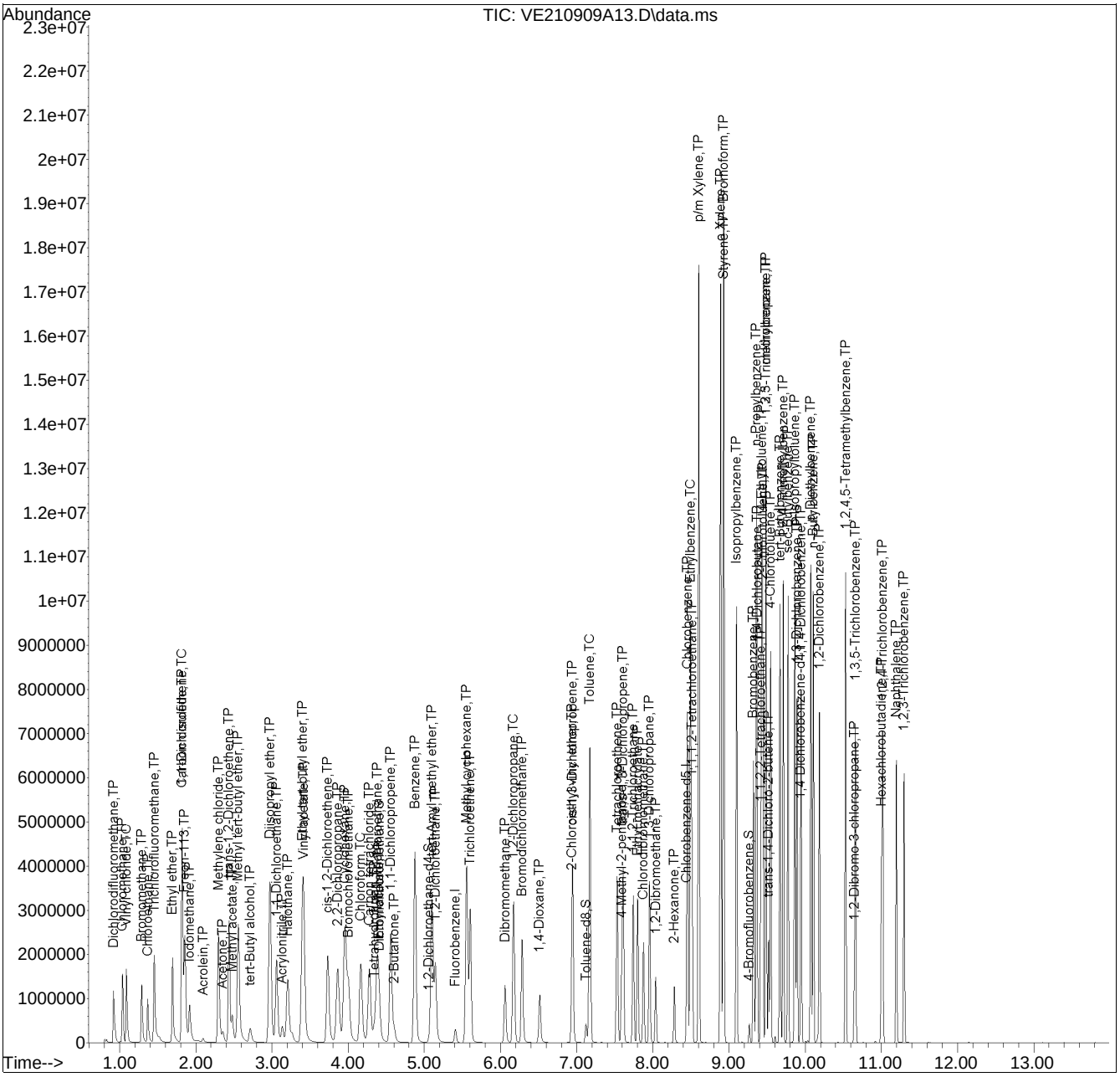
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2021\210909A\
Data File : VE210909A13.D
Acq On : 9 Sep 2021 3:32 pm
Operator : ELAINE:NLK
Sample : I8260STD200PPB
Misc : WG1545678,ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 13 11:40:01 2021
Quant Method : I:\VOLATILES\Elaine\2021\210909A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:40 2021
Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox10909A\VE210909A09.D•



Manual Integration Report

Data Path	: I:\VOLATILES\Elaine\2021\2Q	Method	: Elaine_210909A_8260.m
Data File	: VE210909A13.D	Operator	: ELAINE:NLK
Date Inj'd	: 9/9/2021 3:32 pm	Instrument	: Elaine
Sample	: I8260STD200PPB	Quant Date	: 9/13/2021 11:39 am

There are no manual integrations or false positives in this file.

Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\Elaine\2021\210909A\
Data File : VE210909A18.D
Acq On : 9 Sep 2021 5:20 pm
Operator : ELAINE:PD
Sample : C8260STD10PPB
Misc : WG1545678,ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 13 11:42:31 2021
Quant Method : I:\VOLATILES\Elaine\2021\210909A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	97	0.00
2	TP	Dichlorodifluoromethane	0.174	0.178	-2.3	101	0.00
3	TP	Chloromethane	0.229	0.258	-12.7	110	0.00
4	TC	Vinyl chloride	0.214	0.247	-15.4	105	0.00
5	TP	Bromomethane	0.111	0.098#	11.7	98	0.00
6	TP	Chloroethane	0.137	0.152	-10.9	109	0.00
7	TP	Trichlorofluoromethane	0.262	0.275	-5.0	104	0.00
8	TP	Ethyl ether	0.107	0.112	-4.7	101	0.00
10	TC	1,1-Dichloroethene	0.154	0.148	3.9	100	0.00
11	TP	Carbon disulfide	0.418	0.306	26.8#	72	0.00
12	TP	Freon-113	0.158	0.131	17.1	81	0.00
13	TP	Iodomethane	0.153	0.115	24.8#	82	0.00
14	TP	Acrolein	0.00979	0.01450#	-48.1#	141	0.00
15	TP	Methylene chloride	0.201	0.196	2.5	99	0.00
17	TP	Acetone	* 10.000	7.165	28.3#	85	0.00
18	TP	trans-1,2-Dichloroethene	0.168	0.172	-2.4	102	0.00
19	TP	Methyl acetate	0.118	0.094#	20.3#	93	0.00
20	TP	Methyl tert-butyl ether	0.558	0.523	6.3	94	0.00
21	TP	tert-Butyl alcohol	0.018	0.017#	5.6	93	0.00
22	TP	Diisopropyl ether	0.741	0.682	8.0	91	0.00
23	TP	1,1-Dichloroethane	0.399	0.399	0.0	99	0.00
24	TP	Halothane	0.125	0.107	14.4	84	0.00
25	TP	Acrylonitrile	0.059	0.057	3.4	101	0.00
26	TP	Ethyl tert-butyl ether	0.752	0.711	5.5	94	0.00
27	TP	Vinyl acetate	0.410	0.235	42.7#	56	0.00
28	TP	cis-1,2-Dichloroethene	0.198	0.194	2.0	98	0.00
29	TP	2,2-Dichloropropane	0.301	0.287	4.7	99	0.00
30	TP	Bromochloromethane	0.075	0.076	-1.3	95	0.00
31	TP	Cyclohexane	0.372	0.306	17.7	85	0.00
32	TC	Chloroform	0.351	0.356	-1.4	98	0.00
33	TP	Ethyl acetate	0.172	0.140	18.6	89	0.00
34	TP	Carbon tetrachloride	0.237	0.231	2.5	95	0.00
35	TP	Tetrahydrofuran	0.043	0.044#	-2.3	115	0.00
36	S	Dibromofluoromethane	0.228	0.221	3.1	95	0.00
37	TP	1,1,1-Trichloroethane	0.305	0.316	-3.6	100	0.00
39	TP	2-Butanone	0.079	0.058#	26.6#	72	0.00
40	TP	1,1-Dichloropropene	0.249	0.253	-1.6	98	0.00
41	TP	Benzene	0.770	0.782	-1.6	101	0.00
42	TP	tert-Amyl methyl ether	0.575	0.528	8.2	94	0.00

Data Path : I:\VOLATILES\Elaine\2021\210909A\
Data File : VE210909A18.D
Acq On : 9 Sep 2021 5:20 pm
Operator : ELAINE:PD
Sample : C8260STD10PPB
Misc : WG1545678,ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 13 11:42:31 2021
Quant Method : I:\VOLATILES\Elaine\2021\210909A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
43	S	1,2-Dichloroethane-d4	0.335	0.335	0.0	99	0.00
44	TP	1,2-Dichloroethane	0.315	0.314	0.3	102	0.00
47	TP	Methyl cyclohexane	0.311	0.252	19.0	85	0.00
48	TP	Trichloroethene	0.188	0.210	-11.7	109	0.00
50	TP	Dibromomethane	0.108	0.100	7.4	92	0.00
51	TC	1,2-Dichloropropane	0.221	0.219	0.9	100	0.00
53	TP	2-Chloroethyl vinyl ether	0.059	0.115	-94.9#	190	0.00
54	TP	Bromodichloromethane	0.277	0.266	4.0	97	0.00
57	TP	1,4-Dioxane	0.00136	0.00130#	4.4	97	0.00
58	TP	cis-1,3-Dichloropropene	0.311	0.303	2.6	99	0.00
59	I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
60	S	Toluene-d8	1.375	1.377	-0.1	98	0.00
61	TC	Toluene	0.708	0.718	-1.4	103	0.00
62	TP	4-Methyl-2-pentanone	0.099	0.089#	10.1	94	0.00
63	TP	Tetrachloroethene	0.237	0.226	4.6	98	0.00
65	TP	trans-1,3-Dichloropropene	0.411	0.393	4.4	97	0.00
67	TP	Ethyl methacrylate	0.344	0.318	7.6	98	0.00
68	TP	1,1,2-Trichloroethane	0.186	0.176	5.4	97	0.00
69	TP	Chlorodibromomethane	0.233	0.217	6.9	95	0.00
70	TP	1,3-Dichloropropane	0.420	0.404	3.8	104	0.00
71	TP	1,2-Dibromoethane	0.207	0.209	-1.0	104	0.00
72	TP	2-Hexanone	0.186	0.143	23.1#	85	0.00
73	TP	Chlorobenzene	0.700	0.713	-1.9	102	0.00
74	TC	Ethylbenzene	1.319	1.358	-3.0	100	0.00
75	TP	1,1,1,2-Tetrachloroethane	0.244	0.234	4.1	98	0.00
76	TP	p/m Xylene	0.468	0.497	-6.2	101	0.00
77	TP	o Xylene	0.448	0.456	-1.8	98	0.00
78	TP	Styrene	0.788	0.816	-3.6	98	0.00
79	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	97	0.00
80	TP	Bromoform	0.276	0.269	2.5	101	0.00
82	TP	Isopropylbenzene	2.508	2.549	-1.6	99	0.00
83	S	4-Bromofluorobenzene	1.186	1.198	-1.0	98	0.00
84	TP	Bromobenzene	0.550	0.558	-1.5	101	0.00
85	TP	n-Propylbenzene	3.008	3.140	-4.4	99	0.00
86	TP	1,4-Dichlorobutane	1.037	1.038	-0.1	100	0.00
87	TP	1,1,2,2-Tetrachloroethane	0.509	0.459	9.8	89	0.00
88	TP	4-Ethyltoluene	2.364	2.202	6.9	90	0.00

Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\Elaine\2021\210909A\
Data File : VE210909A18.D
Acq On : 9 Sep 2021 5:20 pm
Operator : ELAINE:PD
Sample : C8260STD10PPB
Misc : WG1545678,ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 13 11:42:31 2021
Quant Method : I:\VOLATILES\Elaine\2021\210909A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
89 TP	2-Chlorotoluene	2.187	2.187	0.0	97	0.00
90 TP	1,3,5-Trimethylbenzene	2.093	2.126	-1.6	99	0.00
91 TP	1,2,3-Trichloropropane	0.461	0.450	2.4	98	0.00
92 TP	trans-1,4-Dichloro-2-butene	0.193	0.194	-0.5	102	0.00
93 TP	4-Chlorotoluene	1.997	2.030	-1.7	100	0.00
94 TP	tert-Butylbenzene	1.689	1.736	-2.8	99	0.00
97 TP	1,2,4-Trimethylbenzene	2.070	2.164	-4.5	101	0.00
98 TP	sec-Butylbenzene	2.555	2.586	-1.2	98	0.00
99 TP	p-Isopropyltoluene	2.101	2.118	-0.8	99	0.00
100 TP	1,3-Dichlorobenzene	1.033	1.059	-2.5	101	0.00
101 TP	1,4-Dichlorobenzene	1.039	1.034	0.5	98	0.00
102 TP	p-Diethylbenzene	1.211	1.036	14.5	85	0.00
103 TP	n-Butylbenzene	1.936	2.070	-6.9	104	0.00
104 TP	1,2-Dichlorobenzene	0.984	0.979	0.5	99	0.00
105 TP	1,2,4,5-Tetramethylbenzene	1.910	1.743	8.7	90	0.00
106 TP	1,2-Dibromo-3-chloropropane	0.074	0.070	5.4	100	0.00
107 TP	1,3,5-Trichlorobenzene	0.668	0.632	5.4	94	0.00
108 TP	Hexachlorobutadiene	0.225	0.221	1.8	104	0.00
109 TP	1,2,4-Trichlorobenzene	0.632	0.618	2.2	103	0.00
110 TP	Naphthalene	1.560	1.552	0.5	102	0.00
111 TP	1,2,3-Trichlorobenzene	0.576	0.562	2.4	99	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 8 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2021\210909A\
Data File : VE210909A18.D
Acq On : 9 Sep 2021 5:20 pm
Operator : ELAINE:PD
Sample : C8260STD10PPB
Misc : WG1545678,ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 13 11:42:31 2021
Quant Method : I:\VOLATILES\Elaine\2021\210909A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2021\210909A\VE210909A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.409	96	225637	10.000	ug/L	0.00
Standard Area 1 = 231987			Recovery = 97.26%			
59) Chlorobenzene-d5	8.442	117	155658	10.000	ug/L	0.00
Standard Area 1 = 160220			Recovery = 97.15%			
79) 1,4-Dichlorobenzene-d4	9.936	152	76661	10.000	ug/L	0.00
Standard Area 1 = 78675			Recovery = 97.44%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.413	113	49794	9.687	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.87%			
43) 1,2-Dichloroethane-d4	5.061	65	75613	10.011	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.11%			
60) Toluene-d8	7.123	98	214299	10.012	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.12%			
83) 4-Bromofluorobenzene	9.265	95	91878	10.103	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.03%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.921	85	40111	10.239	ug/L	99
3) Chloromethane	1.038	50	58257	11.259	ug/L	99
4) Vinyl chloride	1.091	62	55712	11.555	ug/L	99
5) Bromomethane	1.288	94	22183	8.821	ug/L	98
6) Chloroethane	1.369	64	34381	11.161	ug/L	94
7) Trichlorofluoromethane	1.464	101	61941	10.483	ug/L	95
8) Ethyl ether	1.692	74	25262	10.437	ug/L	81
10) 1,1-Dichloroethene	1.820	96	33376	9.622	ug/L	89
11) Carbon disulfide	1.825	76	69088	7.318	ug/L	99
12) Freon-113	1.859	101	29548	8.311	ug/L	87
13) Iodomethane	1.920	142	25927	7.515	ug/L	86
14) Acrolein	2.098	56	3271	14.809	ug/L	84
15) Methylene chloride	2.298	84	44115	9.732	ug/L	85
17) Acetone	2.354	43	9630	7.165	ug/L	95
18) trans-1,2-Dichloroethene	2.438	96	38721	10.186	ug/L	94
19) Methyl acetate	2.479	43	21136	7.962	ug/L #	94
20) Methyl tert-butyl ether	2.560	73	118004	9.371	ug/L	98
21) tert-Butyl alcohol	2.705	59	19549	48.384	ug/L #	78
22) Diisopropyl ether	2.972	45	153773	9.192	ug/L	94
23) 1,1-Dichloroethane	3.061	63	90091	10.002	ug/L	100
24) Halothane	3.205	117	24248	8.623	ug/L	94

Data Path : I:\VOLATILES\Elaine\2021\210909A\
Data File : VE210909A18.D
Acq On : 9 Sep 2021 5:20 pm
Operator : ELAINE:PD
Sample : C8260STD10PPB
Misc : WG1545678,ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 13 11:42:31 2021
Quant Method : I:\VOLATILES\Elaine\2021\210909A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2021\210909A\VE210909A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Acrylonitrile	3.139	53	12850	9.656	ug/L		99
26) Ethyl tert-butyl ether	3.403	59	160360	9.449	ug/L	#	82
27) Vinyl acetate	3.420	43	52928	5.728	ug/L		99
28) cis-1,2-Dichloroethene	3.734	96	43865	9.839	ug/L		87
29) 2,2-Dichloropropane	3.862	77	64718	9.524	ug/L		93
30) Bromochloromethane	4.004	128	17228	10.118	ug/L		90
31) Cyclohexane	3.962	56	69136	8.244	ug/L		85
32) Chloroform	4.165	83	80379	10.158	ug/L		99
33) Ethyl acetate	4.413	43	31597M1	8.118	ug/L		
34) Carbon tetrachloride	4.279	117	52101	9.756	ug/L		95
35) Tetrahydrofuran	4.357	42	10006	10.233	ug/L	#	74
37) 1,1,1-Trichloroethane	4.382	97	71337	10.349	ug/L	#	96
39) 2-Butanone	4.610	43	13031	7.274	ug/L	#	78
40) 1,1-Dichloropropene	4.560	75	57030	10.165	ug/L		99
41) Benzene	4.875	78	176386	10.154	ug/L		96
42) tert-Amyl methyl ether	5.103	73	119201	9.188	ug/L		93
44) 1,2-Dichloroethane	5.145	62	70863	9.971	ug/L		99
47) Methyl cyclohexane	5.556	83	56895	8.099	ug/L		89
48) Trichloroethene	5.601	95	47374	11.165	ug/L		89
50) Dibromomethane	6.060	93	22535	9.241	ug/L		93
51) 1,2-Dichloropropane	6.171	63	49430	9.928	ug/L		94
53) 2-Chloroethyl vinyl ether	6.936	63	26058	19.430	ug/L		96
54) Bromodichloromethane	6.283	83	60047	9.614	ug/L		98
57) 1,4-Dioxane	6.511	88	14631M1	478.284	ug/L		
58) cis-1,3-Dichloropropene	6.945	75	68405	9.740	ug/L		97
61) Toluene	7.170	92	111802	10.145	ug/L		95
62) 4-Methyl-2-pentanone	7.590	58	13881	8.980	ug/L	#	97
63) Tetrachloroethene	7.529	166	35140	9.538	ug/L		98
65) trans-1,3-Dichloropropene	7.610	75	61118	9.561	ug/L		92
67) Ethyl methacrylate	7.799	69	49553	9.267	ug/L		99
68) 1,1,2-Trichloroethane	7.743	83	27432	9.494	ug/L		96
69) Chlorodibromomethane	7.877	129	33737	9.322	ug/L		97
70) 1,3-Dichloropropane	7.955	76	62903	9.623	ug/L		97
71) 1,2-Dibromoethane	8.035	107	32534	10.094	ug/L		98
72) 2-Hexanone	8.283	43	22283	7.690	ug/L		92
73) Chlorobenzene	8.453	112	110907	10.182	ug/L		98
74) Ethylbenzene	8.492	91	211383	10.294	ug/L		98
75) 1,1,1,2-Tetrachloroethane	8.511	131	36361	9.565	ug/L		95
76) p/m Xylene	8.600	106	154590	21.203	ug/L		94
77) o Xylene	8.887	106	141833	20.339	ug/L		96

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2021\210909A\
Data File : VE210909A18.D
Acq On : 9 Sep 2021 5:20 pm
Operator : ELAINE:PD
Sample : C8260STD10PPB
Misc : WG1545678,ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 13 11:42:31 2021
Quant Method : I:\VOLATILES\Elaine\2021\210909A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2021\210909A\VE210909A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
78) Styrene	8.926	104	253914	20.696	ug/L		96
80) Bromoform	8.928	173	20628	9.746	ug/L		96
82) Isopropylbenzene	9.095	105	195396	10.164	ug/L		99
84) Bromobenzene	9.321	156	42799	10.155	ug/L		100
85) n-Propylbenzene	9.357	91	240679	10.439	ug/L		99
86) 1,4-Dichlorobutane	9.365	55	79612	10.010	ug/L		97
87) 1,1,2,2-Tetrachloroethane	9.413	83	35150	9.003	ug/L		97
88) 4-Ethyltoluene	9.427	105	168825	9.314	ug/L		100
89) 2-Chlorotoluene	9.440	91	167668	10.003	ug/L		95
90) 1,3,5-Trimethylbenzene	9.482	105	162974	10.156	ug/L		98
91) 1,2,3-Trichloropropane	9.482	75	34510	9.758	ug/L		97
92) trans-1,4-Dichloro-2-b...	9.516	53	14890	10.053	ug/L		87
93) 4-Chlorotoluene	9.543	91	155641	10.169	ug/L		93
94) tert-Butylbenzene	9.666	119	133117	10.284	ug/L	#	85
97) 1,2,4-Trimethylbenzene	9.710	105	165930	10.456	ug/L		100
98) sec-Butylbenzene	9.772	105	198277	10.123	ug/L		97
99) p-Isopropyltoluene	9.861	119	162334	10.077	ug/L		98
100) 1,3-Dichlorobenzene	9.891	146	81202	10.255	ug/L		98
101) 1,4-Dichlorobenzene	9.944	146	79275	9.955	ug/L		94
102) p-Diethylbenzene	10.072	119	79385	8.553	ug/L		97
103) n-Butylbenzene	10.103	91	158666	10.692	ug/L		98
104) 1,2-Dichlorobenzene	10.186	146	75058	9.949	ug/L		95
105) 1,2,4,5-Tetramethylben...	10.528	119	133636	9.127	ug/L		97
106) 1,2-Dibromo-3-chloropr...	10.642	155	5332	9.376	ug/L		85
107) 1,3,5-Trichlorobenzene	10.656	180	48431	9.459	ug/L		96
108) Hexachlorobutadiene	10.998	225	16907	9.795	ug/L		97
109) 1,2,4-Trichlorobenzene	11.015	180	47345	9.775	ug/L		97
110) Naphthalene	11.196	128	118999	9.950	ug/L		100
111) 1,2,3-Trichlorobenzene	11.296	180	43047	9.742	ug/L		97

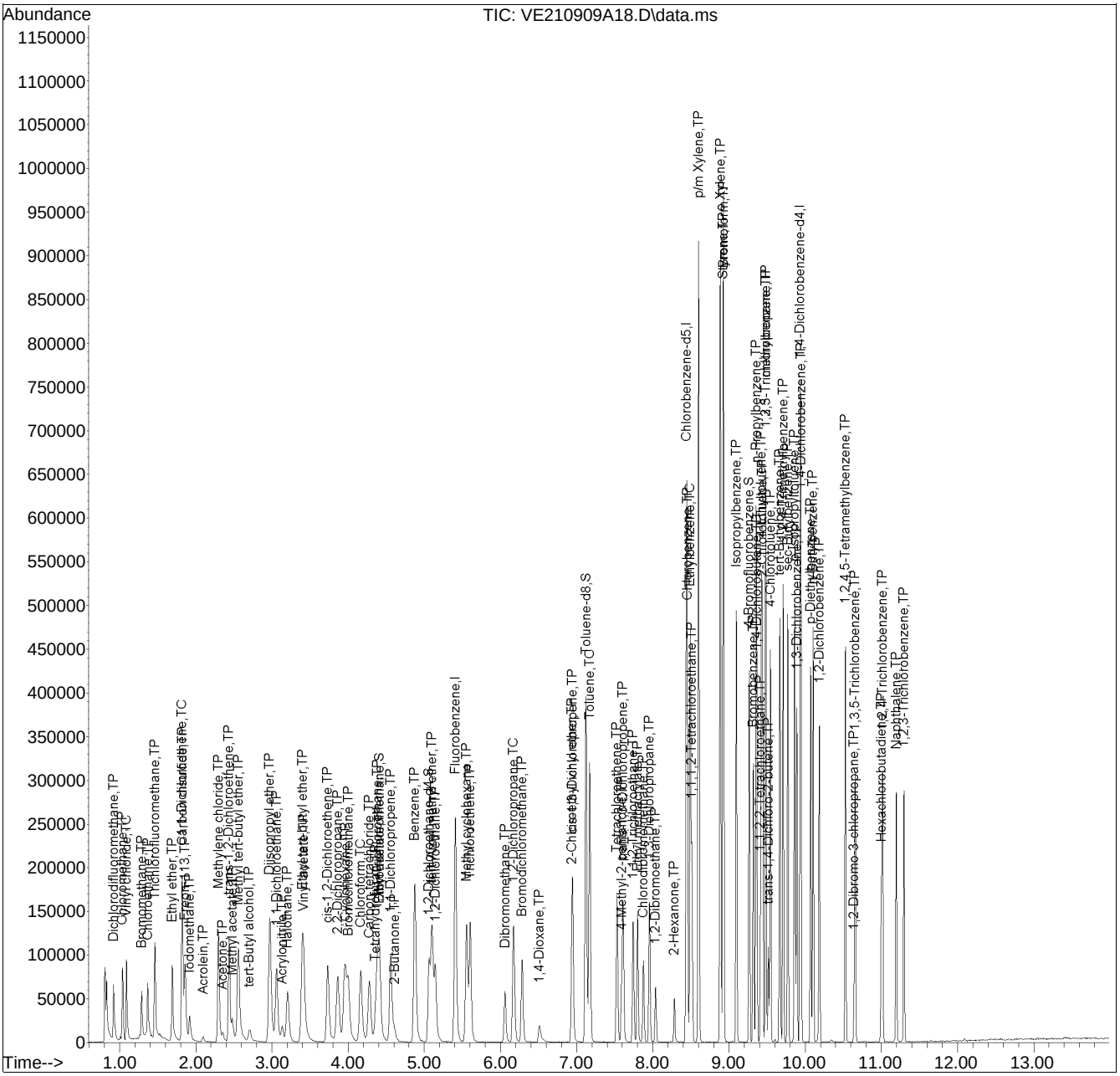
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2021\210909A\
Data File : VE210909A18.D
Acq On : 9 Sep 2021 5:20 pm
Operator : ELAINE:PD
Sample : C8260STD10PPB
Misc : WG1545678,ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 13 11:42:31 2021
Quant Method : I:\VOLATILES\Elaine\2021\210909A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox10909A\VE210909A09.D•

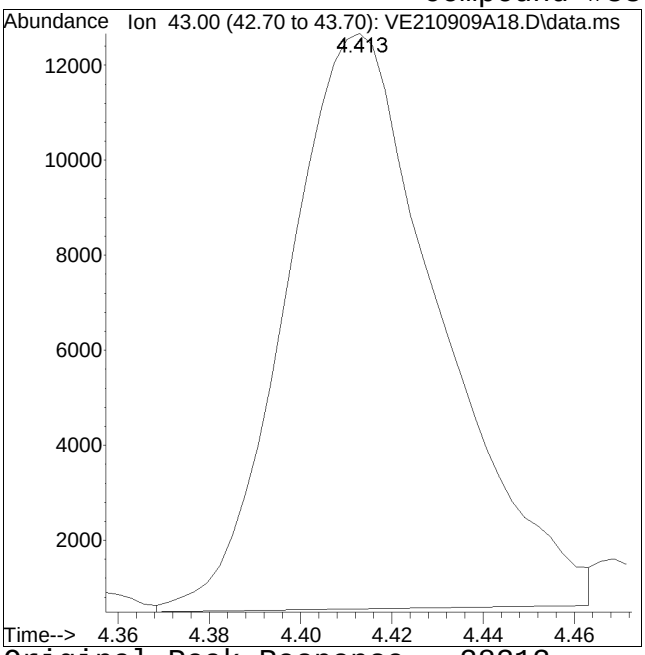


Manual Integration Report

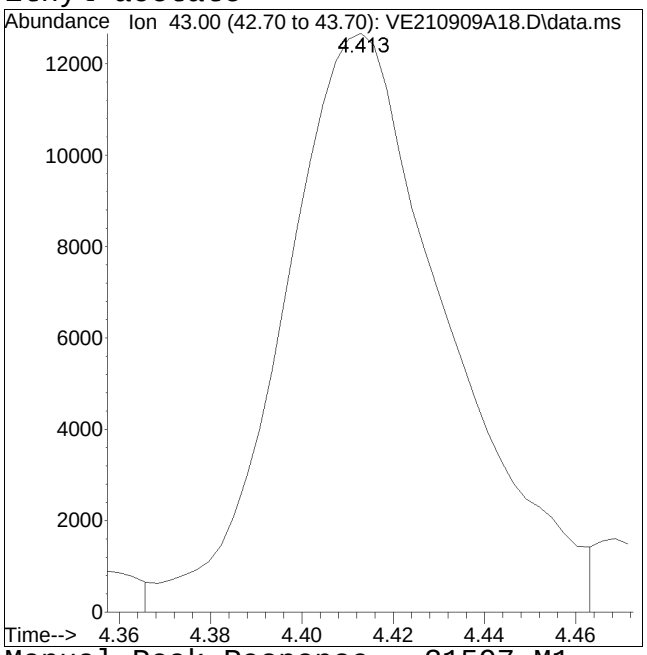
Data Path : I:\VOLATILES\Elaine\2021\2Q
Data File : VE210909A18.D
Date Inj'd : 9/9/2021 5:20 pm
Sample : C8260STD10PPB

Method : Elaine_210909A_8260.m
Operator : ELAINE:PD
Instrument : Elaine
Quant Date : 9/13/2021 11:41 am

Compound #33: Ethyl acetate



Original Peak Response = 28313



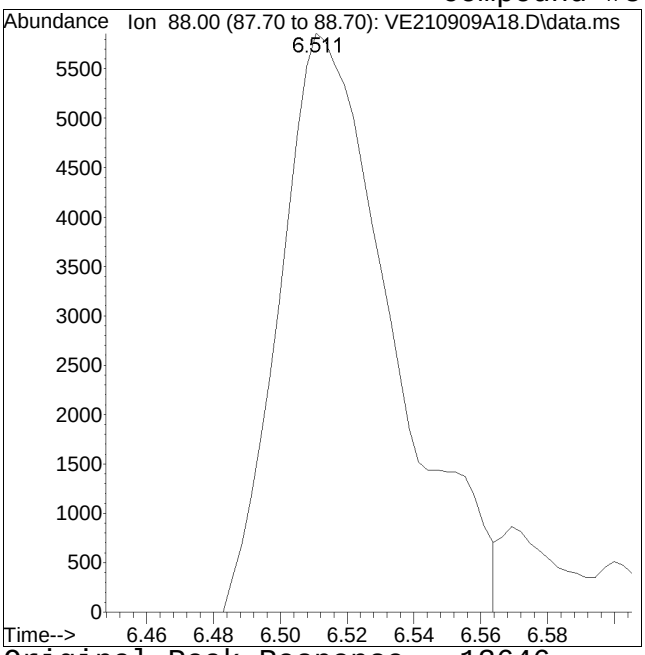
Manual Peak Response = 31597 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

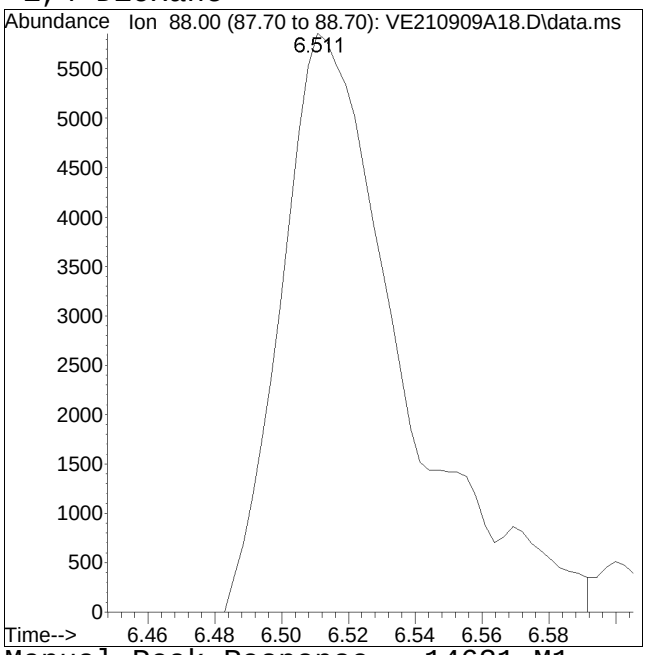
Manual Integration Report

Data Path : I:\VOLATILES\Elaine\2021\2QMethod : Elaine_210909A_8260.m
Data File : VE210909A18.D Operator : ELAINE:PD
Date Inj'd : 9/9/2021 5:20 pm Instrument : Elaine
Sample : C8260STD10PPB Quant Date : 9/13/2021 11:41 am

Compound #57: 1,4-Dioxane



Original Peak Response = 13646



Manual Peak Response = 14631 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Correlation Data Summary

Method Path: I:\VOLATILES\Elaine\2021\210909A\
Method File: Elaine_210909A_8260.m
Method Title: VOLATILES BY GC/MS
Last Update: Mon Sep 13 11:35:38 2021

Analyte	Curve fit Type	Coefficient of Determination	Quadratic Term	Linear Term	Constant Term
Acetone	Linear	0.995481	0	0.05054	0.006466

Continuing Calibration

Calibration Verification Summary
Form 7
Volatiles

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526	
Project Name	: GROSSINGERS	**Project Number**	: 9313:11	
Instrument ID	: ELAINE	**Calibration Date**	: 09/14/21 08:46	
Lab File ID	: VE210914A02	**Init. Calib. Date(s)**	: 09/09/21	09/09/21
Sample No	: WG1546709-2	**Init. Calib. Times**	: 12:16	15:32
Channel	:			

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	113	0
Dichlorodifluoromethane	0.174	0.144	-	17.2	20	94	0
Chloromethane	0.229	0.221	-	3.5	20	109	0
Vinyl chloride	0.214	0.225	-	-5.1	20	111	0
Bromomethane	0.111	0.106	-	4.5	20	123	0
Chloroethane	0.137	0.142	-	-3.6	20	117	0
Trichlorofluoromethane	0.262	0.265	-	-1.1	20	116	0
Ethyl ether	0.107	0.091	-	15	20	95	0
1,1-Dichloroethene	0.154	0.149	-	3.2	20	117	0
Carbon disulfide	0.418	0.426	-	-1.9	20	115	0
Freon-113	0.158	0.162	-	-2.5	20	116	0
Acrolein	0.00979	0.00929*	-	5.1	20	105	0
Methylene chloride	0.201	0.181	-	10	20	106	0
Acetone	10	6.327	-	36.7*	20	89	0
trans-1,2-Dichloroethene	0.168	0.163	-	3	20	112	0
Methyl acetate	0.118	0.074*	-	37.3*	20	85	0
Methyl tert-butyl ether	0.558	0.44	-	21.1*	20	92	0
tert-Butyl alcohol	0.018	0.011*	-	38.9*	20	70	0
Diisopropyl ether	0.741	0.685	-	7.6	20	106	0
1,1-Dichloroethane	0.399	0.394	-	1.3	20	113	0
Halothane	0.125	0.117	-	6.4	20	106	0
Acrylonitrile	0.059	0.042*	-	28.8*	20	86	0
Ethyl tert-butyl ether	0.752	0.643	-	14.5	20	98	0
Vinyl acetate	0.41	0.421	-	-2.7	20	117	0
cis-1,2-Dichloroethene	0.198	0.184	-	7.1	20	107	0
2,2-Dichloropropane	0.301	0.313	-	-4	20	124	0
Bromochloromethane	0.075	0.069	-	8	20	99	0
Cyclohexane	0.372	0.377	-	-1.3	20	121	0
Chloroform	0.351	0.332	-	5.4	20	106	0
Ethyl acetate	0.172	0.119	-	30.8*	20	88	0
Carbon tetrachloride	0.237	0.219	-	7.6	20	104	0
Tetrahydrofuran	0.043	0.03*	-	30.2*	20	90	0
Dibromofluoromethane	0.228	0.221	-	3.1	20	111	0
1,1,1-Trichloroethane	0.305	0.296	-	3	20	108	0
2-Butanone	0.079	0.064*	-	19	20	92	0
1,1-Dichloropropene	0.249	0.249	-	0	20	112	0
Benzene	0.77	0.733	-	4.8	20	110	0
tert-Amyl methyl ether	0.575	0.45	-	21.7*	20	92	0
1,2-Dichloroethane-d4	0.335	0.309	-	7.8	20	105	0
1,2-Dichloroethane	0.315	0.272	-	13.7	20	102	0
Methyl cyclohexane	0.311	0.321	-	-3.2	20	125	0
Trichloroethene	0.188	0.181*	-	3.7	20	109	0
Dibromomethane	0.108	0.086	-	20.4*	20	91	0

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Volatiles

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526		
Project Name	: GROSSINGERS	**Project Number**	: 9313:11		
Instrument ID	: ELAINE	**Calibration Date**	: 09/14/21 08:46		
Lab File ID	: VE210914A02	**Init. Calib. Date(s)**	: 09/09/21	09/09/21	
Sample No	: WG1546709-2	**Init. Calib. Times**	: 12:16	15:32	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.221	0.202	-	8.6	20	107	0
Bromodichloromethane	0.277	0.242	-	12.6	20	102	0
1,4-Dioxane	0.00136	0.00085*	-	37.5*	20	73	0
cis-1,3-Dichloropropene	0.311	0.284	-	8.7	20	107	0
Chlorobenzene-d5	1	1	-	0	20	110	0
Toluene-d8	1.375	1.381	-	-0.4	20	111	0
Toluene	0.708	0.685	-	3.2	20	111	0
4-Methyl-2-pentanone	0.099	0.072*	-	27.3*	20	85	0
Tetrachloroethene	0.237	0.231	-	2.5	20	114	0
trans-1,3-Dichloropropene	0.411	0.369	-	10.2	20	103	0
Ethyl methacrylate	0.344	0.275	-	20.1*	20	95	0
1,1,2-Trichloroethane	0.186	0.16	-	14	20	99	0
Chlorodibromomethane	0.233	0.195	-	16.3	20	97	0
1,3-Dichloropropane	0.42	0.348	-	17.1	20	102	0
1,2-Dibromoethane	0.207	0.174	-	15.9	20	98	0
2-Hexanone	0.186	0.125	-	32.8*	20	84	0
Chlorobenzene	0.7	0.686	-	2	20	110	0
Ethylbenzene	1.319	1.319	-	0	20	109	0
1,1,1,2-Tetrachloroethane	0.244	0.219	-	10.2	20	103	0
p/m Xylene	0.468	0.47	-	-0.4	20	108	0
o Xylene	0.448	0.451	-	-0.7	20	109	0
Styrene	0.788	0.795	-	-0.9	20	108	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	108	0
Bromoform	0.276	0.221	-	19.9	20	92	0
Isopropylbenzene	2.508	2.527	-	-0.8	20	108	0
4-Bromofluorobenzene	1.186	1.199	-	-1.1	20	109	0
Bromobenzene	0.55	0.517	-	6	20	104	0
n-Propylbenzene	3.008	3.177	-	-5.6	20	111	0
1,4-Dichlorobutane	1.037	0.905	-	12.7	20	97	0
1,1,2,2-Tetrachloroethane	0.509	0.432	-	15.1	20	93	0
4-Ethyltoluene	2.364	2.406	-	-1.8	20	109	0
2-Chlorotoluene	2.187	2.191	-	-0.2	20	107	0
1,3,5-Trimethylbenzene	2.093	2.08	-	0.6	20	107	0
1,2,3-Trichloropropane	0.461	0.386	-	16.3	20	93	0
trans-1,4-Dichloro-2-buten	0.193	0.162	-	16.1	20	94	0
4-Chlorotoluene	1.997	2.006	-	-0.5	20	109	0
tert-Butylbenzene	1.689	1.716	-	-1.6	20	109	0
1,2,4-Trimethylbenzene	2.07	2.076	-	-0.3	20	107	0
sec-Butylbenzene	2.555	2.612	-	-2.2	20	109	0
p-Isopropyltoluene	2.101	2.154	-	-2.5	20	112	0
1,3-Dichlorobenzene	1.033	1.02	-	1.3	20	107	0
1,4-Dichlorobenzene	1.039	0.999	-	3.8	20	105	0
p-Diethylbenzene	1.211	1.184	-	2.2	20	108	0

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Volatiles

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526	
Project Name	: GROSSINGERS	**Project Number**	: 9313:11	
Instrument ID	: ELAINE	**Calibration Date**	: 09/14/21 08:46	
Lab File ID	: VE210914A02	**Init. Calib. Date(s)**	: 09/09/21	09/09/21
Sample No	: WG1546709-2	**Init. Calib. Times**	: 12:16	15:32
Channel	:			

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
n-Butylbenzene	1.936	2.019	-	-4.3	20	112	0
1,2-Dichlorobenzene	0.984	0.94	-	4.5	20	105	0
1,2,4,5-Tetramethylbenzene	1.91	1.855	-	2.9	20	107	0
1,2-Dibromo-3-chloropropan	0.074	0.055	-	25.7*	20	88	0
1,3,5-Trichlorobenzene	0.668	0.627	-	6.1	20	103	0
Hexachlorobutadiene	0.225	0.223	-	0.9	20	117	0
1,2,4-Trichlorobenzene	0.632	0.567	-	10.3	20	104	0
Naphthalene	1.56	1.226	-	21.4*	20	89	0
1,2,3-Trichlorobenzene	0.576	0.502	-	12.8	20	98	0

*** Value outside of QC limits.**

Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A02.D
Acq On : 14 Sep 2021 8:46 am
Operator : ELAINE:PD
Sample : WG1546709-2
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 09:02:36 2021
Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	113	0.00
2	TP	Dichlorodifluoromethane	0.174	0.144	17.2	94	0.00
3	TP	Chloromethane	0.229	0.221	3.5	109	0.00
4	TC	Vinyl chloride	0.214	0.225	-5.1	111	0.00
5	TP	Bromomethane	0.111	0.106	4.5	123	0.00
6	TP	Chloroethane	0.137	0.142	-3.6	117	0.00
7	TP	Trichlorofluoromethane	0.262	0.265	-1.1	116	0.00
8	TP	Ethyl ether	0.107	0.091	15.0	95	0.00
10	TC	1,1-Dichloroethene	0.154	0.149	3.2	117	0.00
11	TP	Carbon disulfide	0.418	0.426	-1.9	115	0.00
12	TP	Freon-113	0.158	0.162	-2.5	116	0.00
14	TP	Acrolein	0.00979	0.00929#	5.1	105	0.00
15	TP	Methylene chloride	0.201	0.181	10.0	106	0.00
17	TP	Acetone	* 10.000	6.327	36.7#	89	0.00
18	TP	trans-1,2-Dichloroethene	0.168	0.163	3.0	112	0.00
19	TP	Methyl acetate	0.118	0.074#	37.3#	85	0.00
20	TP	Methyl tert-butyl ether	0.558	0.440	21.1#	92	0.00
21	TP	tert-Butyl alcohol	0.018	0.011#	38.9#	70	0.00
22	TP	Diisopropyl ether	0.741	0.685	7.6	106	0.00
23	TP	1,1-Dichloroethane	0.399	0.394	1.3	113	0.00
24	TP	Halothane	0.125	0.117	6.4	106	0.00
25	TP	Acrylonitrile	0.059	0.042#	28.8#	86	0.00
26	TP	Ethyl tert-butyl ether	0.752	0.643	14.5	98	0.00
27	TP	Vinyl acetate	0.410	0.421	-2.7	117	0.00
28	TP	cis-1,2-Dichloroethene	0.198	0.184	7.1	107	0.00
29	TP	2,2-Dichloropropane	0.301	0.313	-4.0	124	0.00
30	TP	Bromochloromethane	0.075	0.069	8.0	99	0.00
31	TP	Cyclohexane	0.372	0.377	-1.3	121	0.00
32	TC	Chloroform	0.351	0.332	5.4	106	0.00
33	TP	Ethyl acetate	0.172	0.119	30.8#	88	0.00
34	TP	Carbon tetrachloride	0.237	0.219	7.6	104	0.00
35	TP	Tetrahydrofuran	0.043	0.030#	30.2#	90	0.00
36	S	Dibromofluoromethane	0.228	0.221	3.1	111	0.00
37	TP	1,1,1-Trichloroethane	0.305	0.296	3.0	108	0.00
39	TP	2-Butanone	0.079	0.064#	19.0	92	0.00
40	TP	1,1-Dichloropropene	0.249	0.249	0.0	112	0.00
41	TP	Benzene	0.770	0.733	4.8	110	0.00
42	TP	tert-Amyl methyl ether	0.575	0.450	21.7#	92	0.00
43	S	1,2-Dichloroethane-d4	0.335	0.309	7.8	105	0.00

Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A02.D
Acq On : 14 Sep 2021 8:46 am
Operator : ELAINE:PD
Sample : WG1546709-2
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 09:02:36 2021
Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
44	TP	1,2-Dichloroethane	0.315	0.272	13.7	102	0.00
47	TP	Methyl cyclohexane	0.311	0.321	-3.2	125	0.00
48	TP	Trichloroethene	0.188	0.181#	3.7	109	0.00
50	TP	Dibromomethane	0.108	0.086	20.4#	91	0.00
51	TC	1,2-Dichloropropane	0.221	0.202	8.6	107	0.00
54	TP	Bromodichloromethane	0.277	0.242	12.6	102	0.00
57	TP	1,4-Dioxane	0.00136	0.00085#	37.5#	73	0.00
58	TP	cis-1,3-Dichloropropene	0.311	0.284	8.7	107	0.00
59	I	Chlorobenzene-d5	1.000	1.000	0.0	110	0.00
60	S	Toluene-d8	1.375	1.381	-0.4	111	0.00
61	TC	Toluene	0.708	0.685	3.2	111	0.00
62	TP	4-Methyl-2-pentanone	0.099	0.072#	27.3#	85	0.00
63	TP	Tetrachloroethene	0.237	0.231	2.5	114	0.00
65	TP	trans-1,3-Dichloropropene	0.411	0.369	10.2	103	0.00
67	TP	Ethyl methacrylate	0.344	0.275	20.1#	95	0.00
68	TP	1,1,2-Trichloroethane	0.186	0.160	14.0	99	0.00
69	TP	Chlorodibromomethane	0.233	0.195	16.3	97	0.00
70	TP	1,3-Dichloropropane	0.420	0.348	17.1	102	0.00
71	TP	1,2-Dibromoethane	0.207	0.174	15.9	98	0.00
72	TP	2-Hexanone	0.186	0.125	32.8#	84	0.00
73	TP	Chlorobenzene	0.700	0.686	2.0	110	0.00
74	TC	Ethylbenzene	1.319	1.319	0.0	109	0.00
75	TP	1,1,1,2-Tetrachloroethane	0.244	0.219	10.2	103	0.00
76	TP	p/m Xylene	0.468	0.470	-0.4	108	0.00
77	TP	o Xylene	0.448	0.451	-0.7	109	0.00
78	TP	Styrene	0.788	0.795	-0.9	108	0.00
79	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	108	0.00
80	TP	Bromoform	0.276	0.221	19.9	92	0.00
82	TP	Isopropylbenzene	2.508	2.527	-0.8	108	0.00
83	S	4-Bromofluorobenzene	1.186	1.199	-1.1	109	0.00
84	TP	Bromobenzene	0.550	0.517	6.0	104	0.00
85	TP	n-Propylbenzene	3.008	3.177	-5.6	111	0.00
86	TP	1,4-Dichlorobutane	1.037	0.905	12.7	97	0.00
87	TP	1,1,2,2-Tetrachloroethane	0.509	0.432	15.1	93	0.00
88	TP	4-Ethyltoluene	2.364	2.406	-1.8	109	0.00
89	TP	2-Chlorotoluene	2.187	2.191	-0.2	107	0.00
90	TP	1,3,5-Trimethylbenzene	2.093	2.080	0.6	107	0.00

Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A02.D
Acq On : 14 Sep 2021 8:46 am
Operator : ELAINE:PD
Sample : WG1546709-2
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 09:02:36 2021
Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 TP	1,2,3-Trichloropropane	0.461	0.386	16.3	93	0.00
92 TP	trans-1,4-Dichloro-2-butene	0.193	0.162	16.1	94	0.00
93 TP	4-Chlorotoluene	1.997	2.006	-0.5	109	0.00
94 TP	tert-Butylbenzene	1.689	1.716	-1.6	109	0.00
97 TP	1,2,4-Trimethylbenzene	2.070	2.076	-0.3	107	0.00
98 TP	sec-Butylbenzene	2.555	2.612	-2.2	109	0.00
99 TP	p-Isopropyltoluene	2.101	2.154	-2.5	112	0.00
100 TP	1,3-Dichlorobenzene	1.033	1.020	1.3	107	0.00
101 TP	1,4-Dichlorobenzene	1.039	0.999	3.8	105	0.00
102 TP	p-Diethylbenzene	1.211	1.184	2.2	108	0.00
103 TP	n-Butylbenzene	1.936	2.019	-4.3	112	0.00
104 TP	1,2-Dichlorobenzene	0.984	0.940	4.5	105	0.00
105 TP	1,2,4,5-Tetramethylbenzene	1.910	1.855	2.9	107	0.00
106 TP	1,2-Dibromo-3-chloropropane	0.074	0.055	25.7#	88	0.00
107 TP	1,3,5-Trichlorobenzene	0.668	0.627	6.1	103	0.00
108 TP	Hexachlorobutadiene	0.225	0.223	0.9	117	0.00
109 TP	1,2,4-Trichlorobenzene	0.632	0.567	10.3	104	0.00
110 TP	Naphthalene	1.560	1.226	21.4#	89	0.00
111 TP	1,2,3-Trichlorobenzene	0.576	0.502	12.8	98	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 9 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A02.D
Acq On : 14 Sep 2021 8:46 am
Operator : ELAINE:PD
Sample : WG1546709-2
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 09:02:36 2021
Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.409	96	261232	10.000	ug/L	0.00
59) Chlorobenzene-d5	8.441	117	175761	10.000	ug/L	0.00
79) 1,4-Dichlorobenzene-d4	9.936	152	84918	10.000	ug/L	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	4.413	113	57856	9.722	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.22%			
43) 1,2-Dichloroethane-d4	5.064	65	80654	9.223	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 92.23%			
60) Toluene-d8	7.123	98	242730	10.043	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.43%			
83) 4-Bromofluorobenzene	9.265	95	101859	10.111	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.11%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.921	85	37579	8.286	ug/L	98
3) Chloromethane	1.038	50	57855	9.658	ug/L	98
4) Vinyl chloride	1.088	62	58714	10.518	ug/L	97
5) Bromomethane	1.288	94	27794	9.546	ug/L	96
6) Chloroethane	1.372	64	37149	10.416	ug/L	100
7) Trichlorofluoromethane	1.464	101	69333	10.135	ug/L	97
8) Ethyl ether	1.689	74	23806	8.496	ug/L	81
10) 1,1-Dichloroethene	1.820	96	38969	9.704	ug/L	90
11) Carbon disulfide	1.825	76	111170	10.170	ug/L	98
12) Freon-113	1.859	101	42402	10.301	ug/L	94
14) Acrolein	2.090	56	2426M1	9.487	ug/L	
15) Methylene chloride	2.296	84	47411	9.034	ug/L	87
17) Acetone	2.351	43	10043M1	6.327	ug/L	
18) trans-1,2-Dichloroethene	2.437	96	42573	9.673	ug/L	96
19) Methyl acetate	2.476	43	19217	6.252	ug/L #	94
20) Methyl tert-butyl ether	2.557	73	114998M1	7.888	ug/L	
21) tert-Butyl alcohol	2.702	59	14611M1	31.235	ug/L	
22) Diisopropyl ether	2.969	45	178838	9.233	ug/L	94
23) 1,1-Dichloroethane	3.061	63	102951	9.872	ug/L	97
24) Halothane	3.208	117	30492	9.366	ug/L	96
25) Acrylonitrile	3.133	53	11008M1	7.145	ug/L	
26) Ethyl tert-butyl ether	3.400	59	168064	8.553	ug/L	95
27) Vinyl acetate	3.420	43	109864	10.270	ug/L	99
28) cis-1,2-Dichloroethene	3.734	96	48069	9.313	ug/L	89
29) 2,2-Dichloropropane	3.868	77	81653	10.379	ug/L	95

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A02.D
Acq On : 14 Sep 2021 8:46 am
Operator : ELAINE:PD
Sample : WG1546709-2
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 09:02:36 2021
Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
30) Bromochloromethane	4.004	128	17968	9.115	ug/L		85
31) Cyclohexane	3.959	56	98388	10.133	ug/L		86
32) Chloroform	4.165	83	86850	9.481	ug/L		97
33) Ethyl acetate	4.413	43	31170M1	6.917	ug/L		
34) Carbon tetrachloride	4.282	117	57261	9.262	ug/L		96
35) Tetrahydrofuran	4.352	42	7891	6.971	ug/L	#	70
37) 1,1,1-Trichloroethane	4.382	97	77224	9.677	ug/L	#	95
39) 2-Butanone	4.605	43	16607M1	8.007	ug/L		
40) 1,1-Dichloropropene	4.560	75	65003	10.007	ug/L		99
41) Benzene	4.877	78	191405	9.518	ug/L		96
42) tert-Amyl methyl ether	5.100	73	117448	7.819	ug/L		94
44) 1,2-Dichloroethane	5.142	62	71033	8.633	ug/L		99
47) Methyl cyclohexane	5.556	83	83861	10.311	ug/L		88
48) Trichloroethene	5.604	95	47384	9.646	ug/L		87
50) Dibromomethane	6.057	93	22385	7.929	ug/L		93
51) 1,2-Dichloropropane	6.174	63	52788	9.158	ug/L		96
54) Bromodichloromethane	6.282	83	63252	8.747	ug/L		100
57) 1,4-Dioxane	6.513	88	11048M1	311.946	ug/L		
58) cis-1,3-Dichloropropene	6.947	75	74115	9.116	ug/L		97
61) Toluene	7.170	92	120313	9.668	ug/L		97
62) 4-Methyl-2-pentanone	7.590	58	12578	7.206	ug/L	#	94
63) Tetrachloroethene	7.529	166	40667	9.776	ug/L		99
65) trans-1,3-Dichloropropene	7.610	75	64884	8.989	ug/L		94
67) Ethyl methacrylate	7.799	69	48258	7.992	ug/L		98
68) 1,1,2-Trichloroethane	7.740	83	28042	8.595	ug/L		99
69) Chlorodibromomethane	7.877	129	34257	8.383	ug/L		98
70) 1,3-Dichloropropane	7.955	76	61155	8.286	ug/L		99
71) 1,2-Dibromoethane	8.035	107	30587	8.404	ug/L		99
72) 2-Hexanone	8.283	43	22010	6.727	ug/L		93
73) Chlorobenzene	8.453	112	120524	9.800	ug/L		98
74) Ethylbenzene	8.492	91	231855	9.999	ug/L		97
75) 1,1,1,2-Tetrachloroethane	8.511	131	38539	8.979	ug/L		94
76) p/m Xylene	8.600	106	165339	20.084	ug/L		90
77) o Xylene	8.887	106	158364	20.112	ug/L		95
78) Styrene	8.926	104	279488	20.175	ug/L		96
80) Bromoform	8.928	173	18739	7.993	ug/L		99
82) Isopropylbenzene	9.095	105	214575	10.076	ug/L		99
84) Bromobenzene	9.321	156	43866	9.396	ug/L		94
85) n-Propylbenzene	9.357	91	269745	10.562	ug/L		97
86) 1,4-Dichlorobutane	9.365	55	76867	8.725	ug/L		99
87) 1,1,2,2-Tetrachloroethane	9.415	83	36683	8.482	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A02.D
Acq On : 14 Sep 2021 8:46 am
Operator : ELAINE:PD
Sample : WG1546709-2
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 09:02:36 2021
Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
88)	4-Ethyltoluene	9.426	105	204328	10.176	ug/L		99
89)	2-Chlorotoluene	9.440	91	186021	10.018	ug/L		95
90)	1,3,5-Trimethylbenzene	9.482	105	176614	9.936	ug/L		96
91)	1,2,3-Trichloropropane	9.482	75	32756	8.361	ug/L		93
92)	trans-1,4-Dichloro-2-b...	9.515	53	13772M4	8.394	ug/L		
93)	4-Chlorotoluene	9.543	91	170326	10.046	ug/L		94
94)	tert-Butylbenzene	9.666	119	145693	10.161	ug/L	#	87
97)	1,2,4-Trimethylbenzene	9.710	105	176296	10.029	ug/L		99
98)	sec-Butylbenzene	9.771	105	221821	10.224	ug/L		98
99)	p-Isopropyltoluene	9.860	119	182940	10.252	ug/L		99
100)	1,3-Dichlorobenzene	9.891	146	86610	9.874	ug/L		97
101)	1,4-Dichlorobenzene	9.944	146	84808	9.614	ug/L		95
102)	p-Diethylbenzene	10.072	119	100528	9.778	ug/L		98
103)	n-Butylbenzene	10.105	91	171468	10.431	ug/L		97
104)	1,2-Dichlorobenzene	10.186	146	79781	9.547	ug/L		97
105)	1,2,4,5-Tetramethylben...	10.528	119	157558	9.715	ug/L		97
106)	1,2-Dibromo-3-chloropr...	10.642	155	4685	7.438	ug/L		94
107)	1,3,5-Trichlorobenzene	10.656	180	53266	9.392	ug/L		97
108)	Hexachlorobutadiene	11.001	225	18920	9.895	ug/L		98
109)	1,2,4-Trichlorobenzene	11.015	180	48144	8.974	ug/L		98
110)	Naphthalene	11.196	128	104122	7.860	ug/L		100
111)	1,2,3-Trichlorobenzene	11.296	180	42636	8.710	ug/L		98

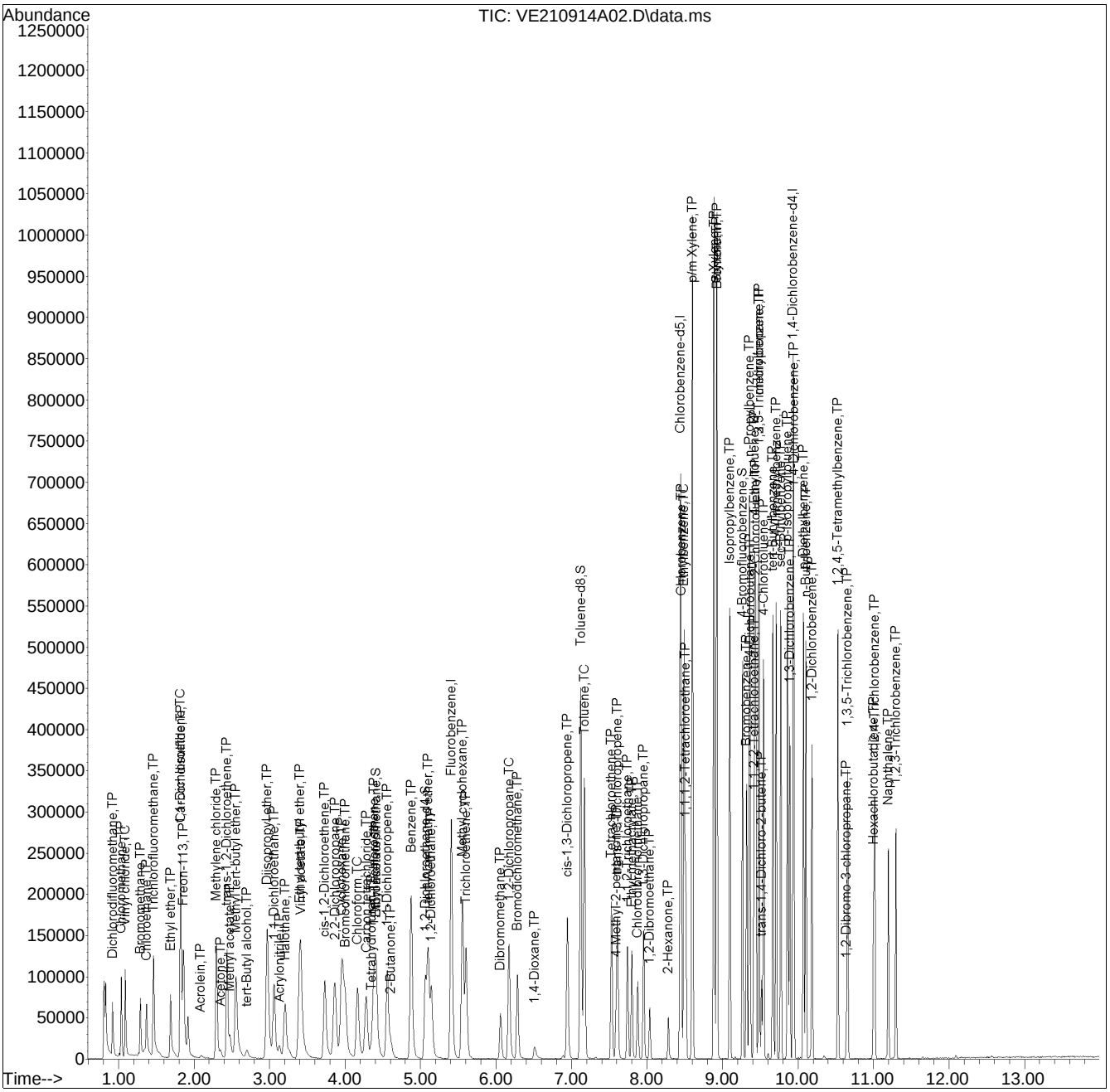
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A02.D
Acq On : 14 Sep 2021 8:46 am
Operator : ELAINE:PD
Sample : WG1546709-2
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 09:02:36 2021
Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

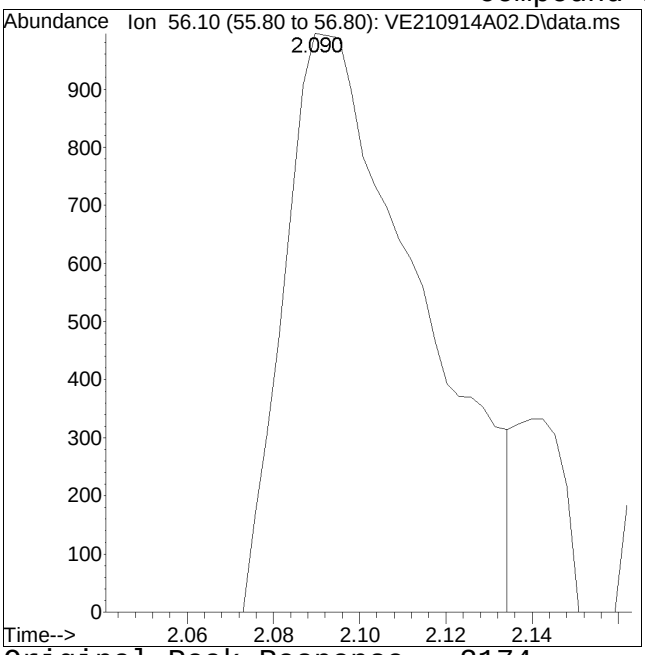
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane



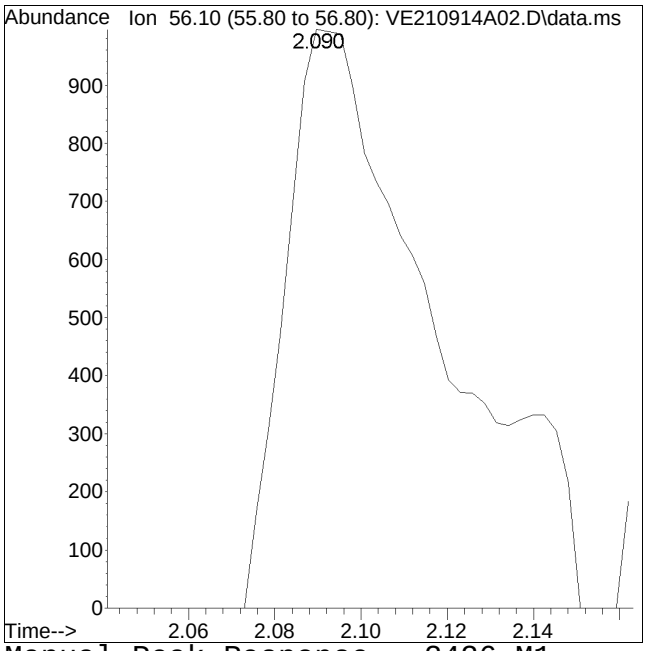
Manual Integration Report

Data Path : I:\VOLATILES\Elaine\2021\2QMethod : Elaine_210909A_8260.m
Data File : VE210914A02.D Operator : ELAINE:PD
Date Inj'd : 9/14/2021 8:46 am Instrument : Elaine
Sample : WG1546709-2 Quant Date : 9/14/2021 9:00 am

Compound #14: Acrolein



Original Peak Response = 2174



Manual Peak Response = 2426 M1

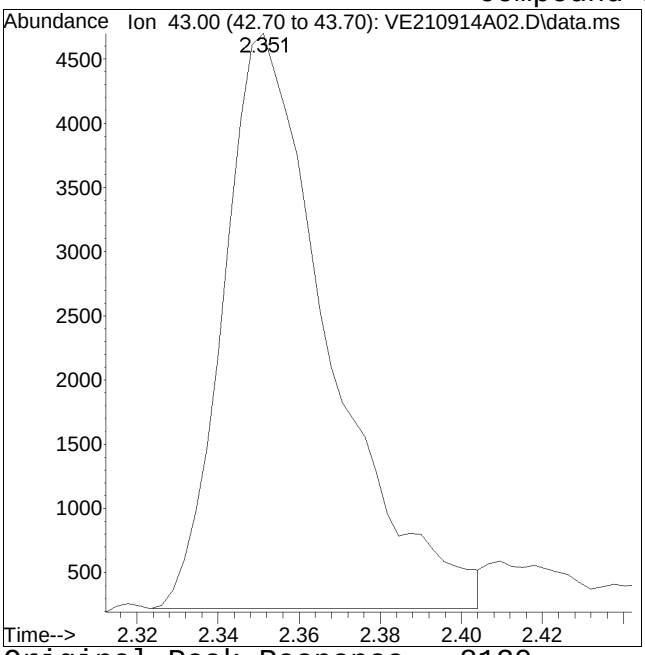
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

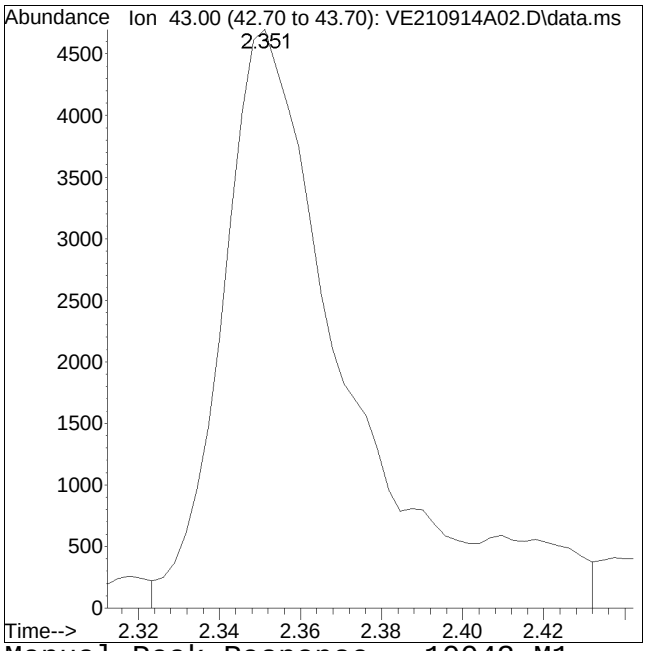
Data Path : I:\VOLATILES\Elaine\2021\2Q
Data File : VE210914A02.D
Date Inj'd : 9/14/2021 8:46 am
Sample : WG1546709-2

Method : Elaine_210909A_8260.m
Operator : ELAINE:PD
Instrument : Elaine
Quant Date : 9/14/2021 9:00 am

Compound #17: Acetone



Original Peak Response = 8120



Manual Peak Response = 10043 M1

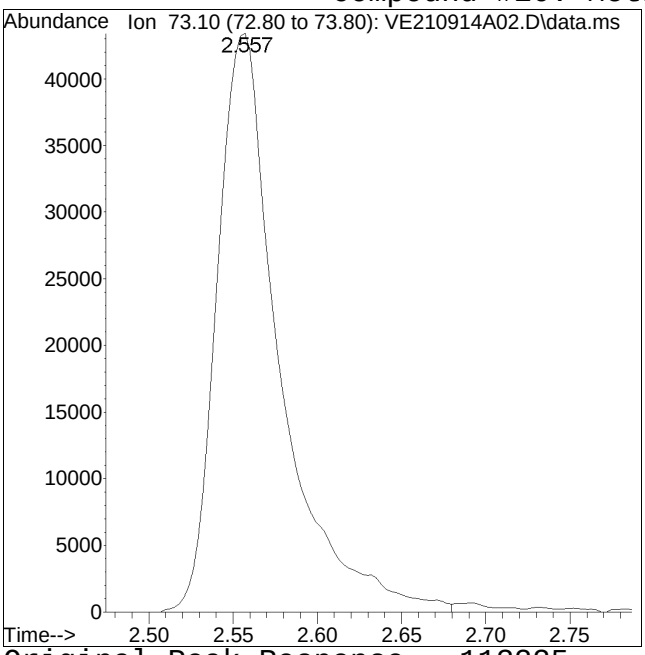
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

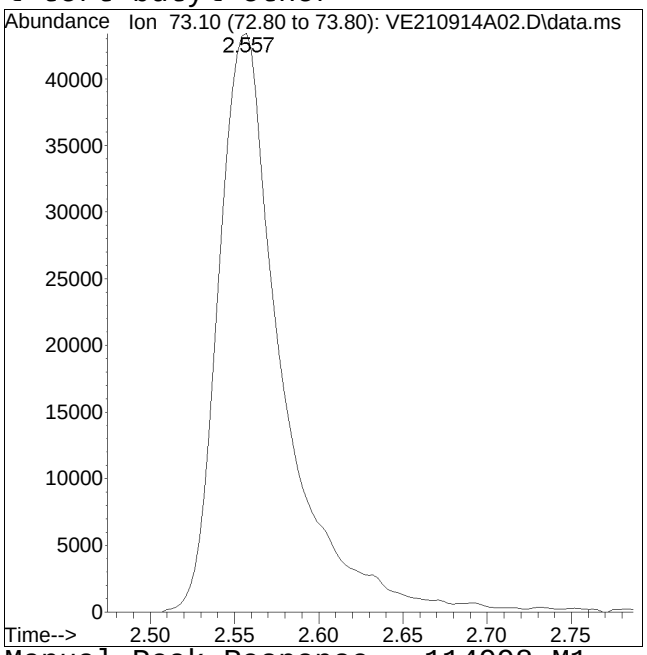
Data Path : I:\VOLATILES\Elaine\2021\2Q
Data File : VE210914A02.D
Date Inj'd : 9/14/2021 8:46 am
Sample : WG1546709-2

Method : Elaine_210909A_8260.m
Operator : ELAINE:PD
Instrument : Elaine
Quant Date : 9/14/2021 9:00 am

Compound #20: Methyl tert-butyl ether



Original Peak Response = 113225



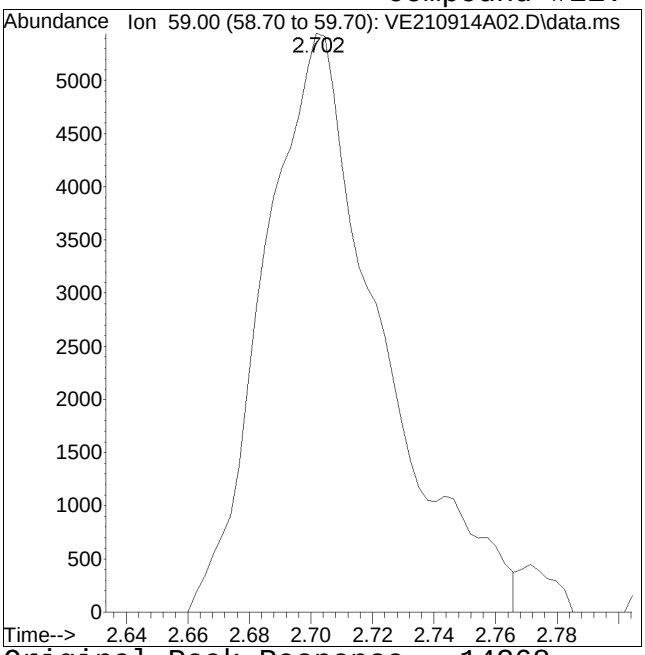
Manual Peak Response = 114998 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

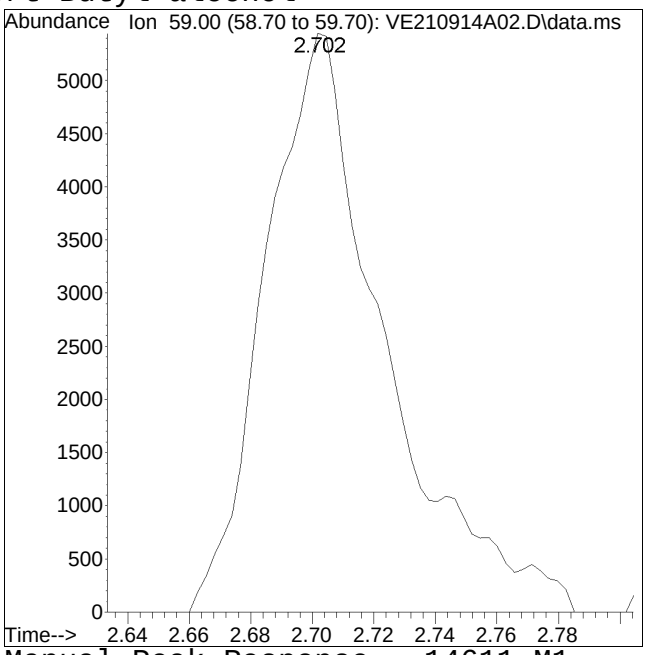
Manual Integration Report

Data Path : I:\VOLATILES\Elaine\2021\2QMethod : Elaine_210909A_8260.m
Data File : VE210914A02.D Operator : ELAINE:PD
Date Inj'd : 9/14/2021 8:46 am Instrument : Elaine
Sample : WG1546709-2 Quant Date : 9/14/2021 9:00 am

Compound #21: tert-Butyl alcohol



Original Peak Response = 14268



Manual Peak Response = 14611 M1

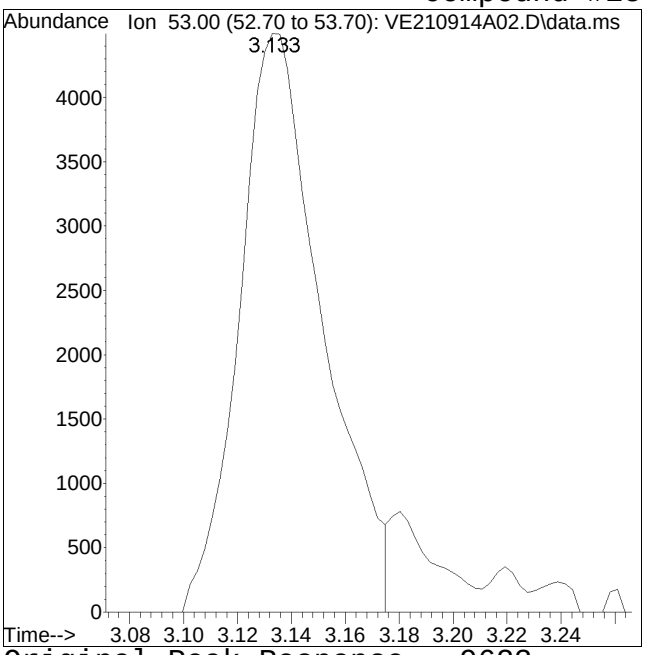
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

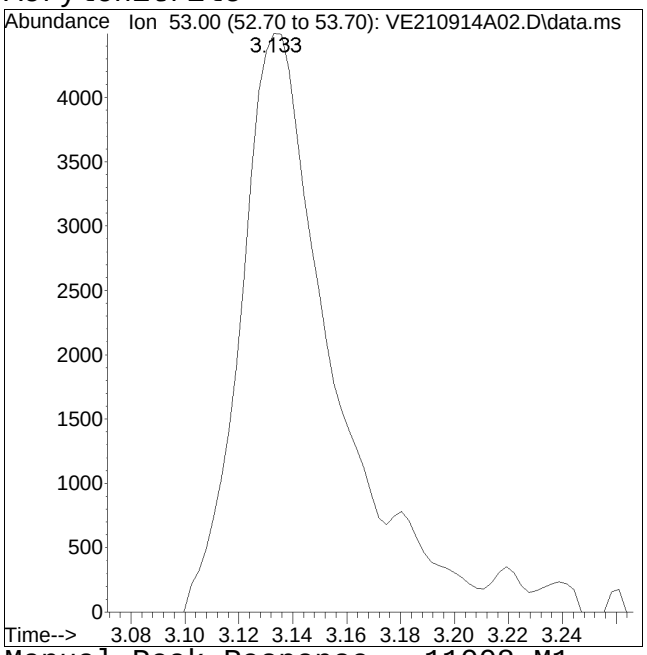
Data Path : I:\VOLATILES\Elaine\2021\2Q
Data File : VE210914A02.D
Date Inj'd : 9/14/2021 8:46 am
Sample : WG1546709-2

Method : Elaine_210909A_8260.m
Operator : ELAINE:PD
Instrument : Elaine
Quant Date : 9/14/2021 9:00 am

Compound #25: Acrylonitrile



Original Peak Response = 9623



Manual Peak Response = 11008 M1

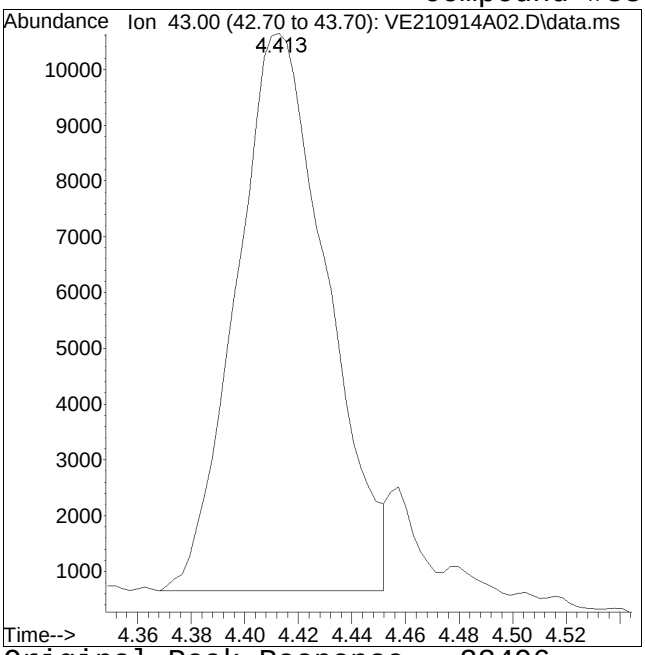
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

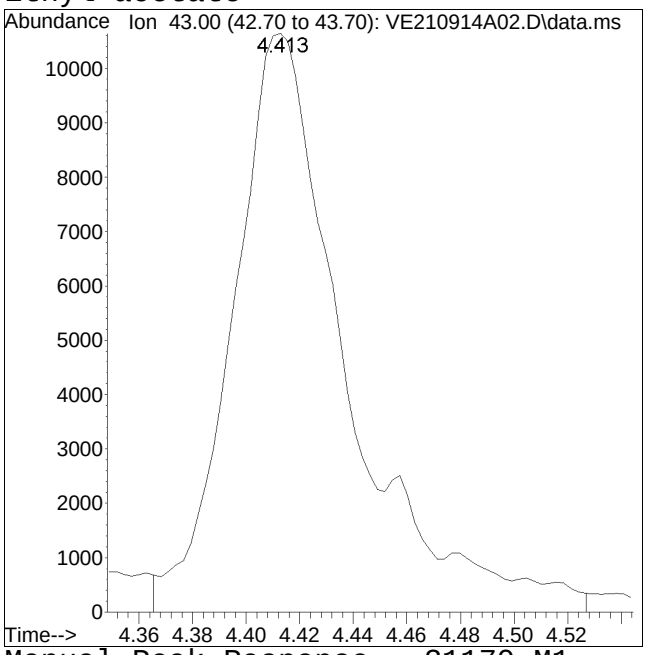
Data Path : I:\VOLATILES\Elaine\2021\2Q
Data File : VE210914A02.D
Date Inj'd : 9/14/2021 8:46 am
Sample : WG1546709-2

Method : Elaine_210909A_8260.m
Operator : ELAINE:PD
Instrument : Elaine
Quant Date : 9/14/2021 9:00 am

Compound #33: Ethyl acetate



Original Peak Response = 23496



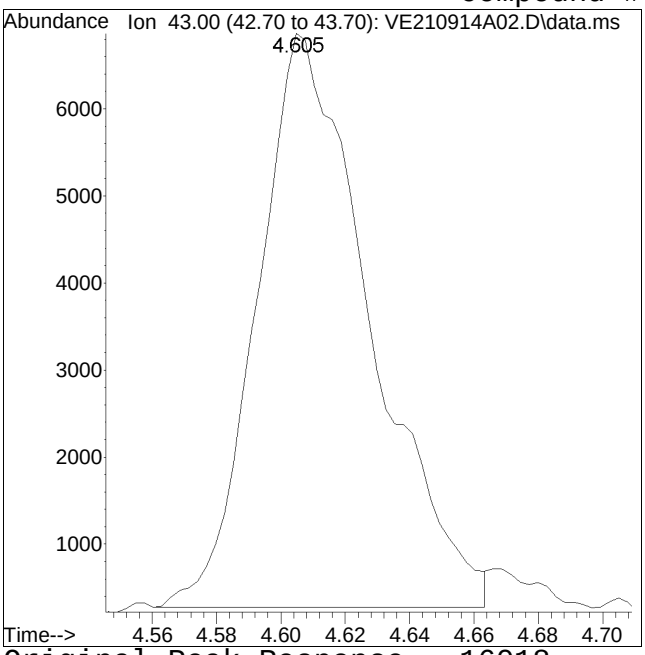
Manual Peak Response = 31170 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

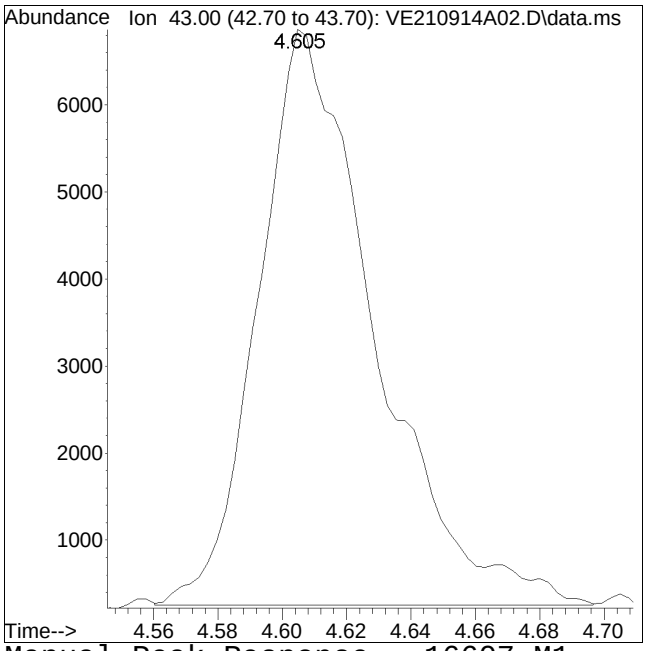
Manual Integration Report

Data Path : I:\VOLATILES\Elaine\2021\2QMethod : Elaine_210909A_8260.m
Data File : VE210914A02.D Operator : ELAINE:PD
Date Inj'd : 9/14/2021 8:46 am Instrument : Elaine
Sample : WG1546709-2 Quant Date : 9/14/2021 9:00 am

Compound #39: 2-Butanone



Original Peak Response = 16018



Manual Peak Response = 16607 M1

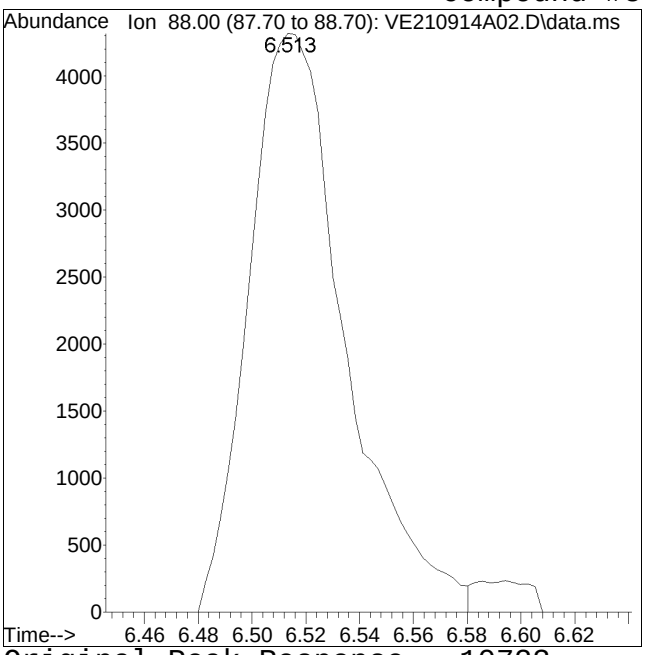
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

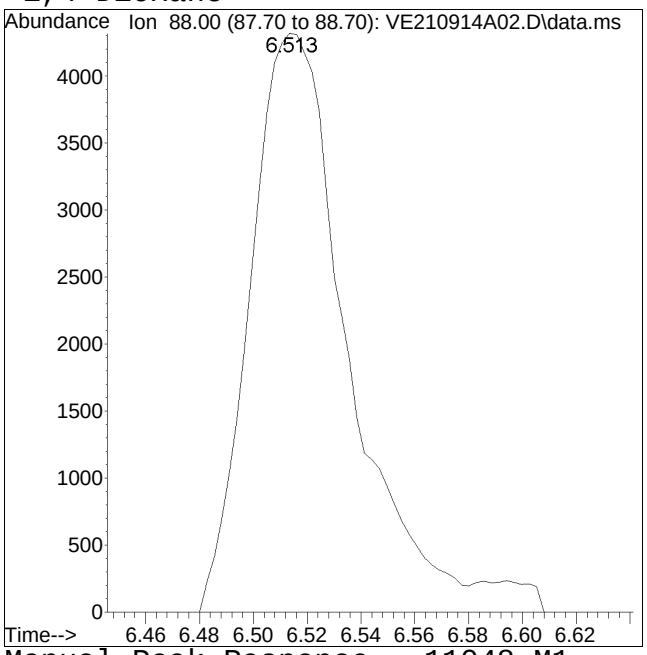
Data Path : I:\VOLATILES\Elaine\2021\2Q
Data File : VE210914A02.D
Date Inj'd : 9/14/2021 8:46 am
Sample : WG1546709-2

Method : Elaine_210909A_8260.m
Operator : ELAINE:PD
Instrument : Elaine
Quant Date : 9/14/2021 9:00 am

Compound #57: 1,4-Dioxane



Original Peak Response = 10723



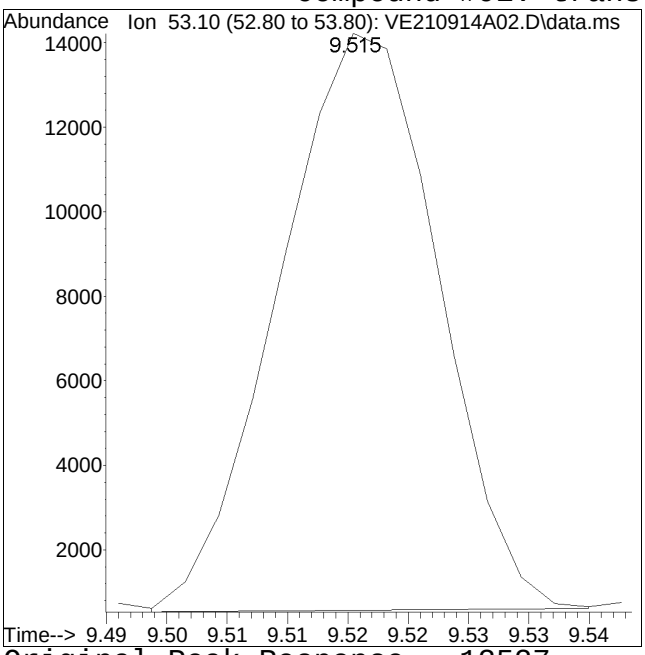
Manual Peak Response = 11048 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

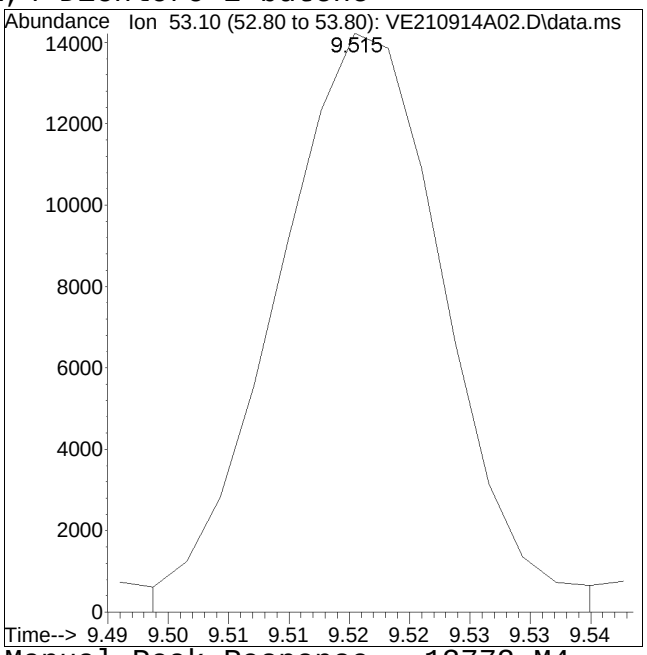
Manual Integration Report

Data Path : I:\VOLATILES\Elaine\2021\2QMethod : Elaine_210909A_8260.m
Data File : VE210914A02.D Operator : ELAINE:PD
Date Inj'd : 9/14/2021 8:46 am Instrument : Elaine
Sample : WG1546709-2 Quant Date : 9/14/2021 9:00 am

Compound #92: trans-1,4-Dichloro-2-butene



Original Peak Response = 12527



Manual Peak Response = 13772 M4

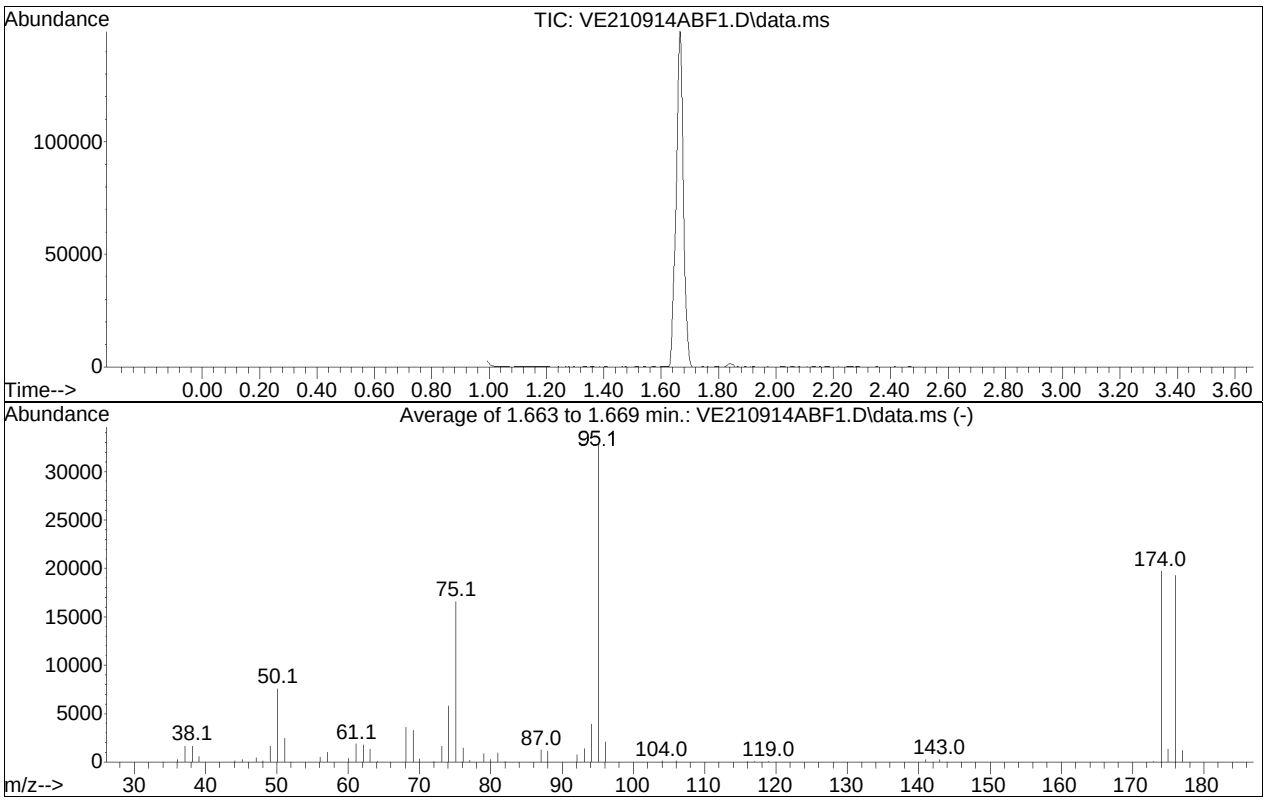
M4 = Poor automated baseline construction.

BFB

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914ABF1.D
Acq On : 14 Sep 2021 8:18 am
Operator : ELAINE:PD
Sample : WG1546709-1
Misc : WG1546709
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Mon Sep 13 11:35:38 2021



AutoFind: Scans 242, 243, 244; Background Corrected with Scan 226

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.9	7560	PASS
75	95	30	60	50.3	16579	PASS
95	95	100	100	100.0	32989	PASS
96	95	5	9	6.3	2079	PASS
173	174	0.00	2	0.3	55	PASS
174	95	50	100	59.8	19741	PASS
175	174	5	9	6.9	1359	PASS
176	174	95	101	97.6	19264	PASS
177	176	5	9	6.4	1236	PASS

Volatiles Raw QC Data

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A05.D
Acq On : 14 Sep 2021 9:46 am
Operator : ELAINE:PD
Sample : WG1546709-5,31,10,10
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 10:06:51 2021
Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2021\210914A\VE210914A02.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.406	96	243723	10.000 ug/L	0.00
Standard Area 1 = 261232			Recovery = 93.30%		
59) Chlorobenzene-d5	8.439	117	171311	10.000 ug/L	0.00
Standard Area 1 = 175761			Recovery = 97.47%		
79) 1,4-Dichlorobenzene-d4	9.936	152	78635	10.000 ug/L	0.00
Standard Area 1 = 84918			Recovery = 92.60%		
System Monitoring Compounds					
36) Dibromofluoromethane	4.405	113	54826	9.875 ug/L	-0.01
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.75%		
43) 1,2-Dichloroethane-d4	5.061	65	75674	9.275 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 92.75%		
60) Toluene-d8	7.120	98	228177	9.686 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.86%		
83) 4-Bromofluorobenzene	9.265	95	97657	10.468 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.68%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D. d	
3) Chloromethane	1.038	50	452	0.081 ug/L #	77
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	1.289	94	344M1	0.127 ug/L	
6) Chloroethane	0.000		0	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
8) Ethyl ether	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	1.823	76	311	N.D.	
15) Methylene chloride	0.000		0	N.D.	
17) Acetone	2.349	43	1658	N.D.	
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
20) Methyl tert-butyl ether	0.000		0	N.D.	
23) 1,1-Dichloroethane	0.000		0	N.D.	
25) Acrylonitrile	0.000		0	N.D.	
27) Vinyl acetate	3.456	43	54	N.D.	
28) cis-1,2-Dichloroethene	0.000		0	N.D.	
29) 2,2-Dichloropropane	0.000		0	N.D.	
30) Bromochloromethane	0.000		0	N.D.	
32) Chloroform	4.160	83	455	N.D.	

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A05.D
Acq On : 14 Sep 2021 9:46 am
Operator : ELAINE:PD
Sample : WG1546709-5,31,10,10
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 10:06:51 2021
Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2021\210914A\VE210914A02.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	4.229	97	27		N.D.	
39) 2-Butanone	0.000		0		N.D.	d
40) 1,1-Dichloropropene	0.000		0		N.D.	
41) Benzene	4.869	78	26		N.D.	
44) 1,2-Dichloroethane	5.142	62	82		N.D.	
48) Trichloroethene	5.495	95	123		N.D.	
50) Dibromomethane	0.000		0		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	0.000		0		N.D.	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	7.159	92	280		N.D.	
62) 4-Methyl-2-pentanone	0.000		0		N.D.	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D.	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	8.272	43	53		N.D.	
73) Chlorobenzene	8.447	112	58		N.D.	
74) Ethylbenzene	8.492	91	183		N.D.	
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	8.600	106	90		N.D.	
77) o Xylene	0.000		0		N.D.	
78) Styrene	8.923	104	422		N.D.	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	9.095	105	119		N.D.	
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	9.354	91	278		N.D.	
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
88) 4-Ethyltoluene	9.421	105	97		N.D.	
89) 2-Chlorotoluene	9.435	91	145		N.D.	
90) 1,3,5-Trimethylbenzene	9.482	105	147		N.D.	
91) 1,2,3-Trichloropropane	0.000		0		N.D.	
92) trans-1,4-Dichloro-2-b...	0.000		0		N.D.	
93) 4-Chlorotoluene	9.543	91	118		N.D.	
94) tert-Butylbenzene	9.666	119	53		N.D.	

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A05.D
Acq On : 14 Sep 2021 9:46 am
Operator : ELAINE:PD
Sample : WG1546709-5,31,10,10
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 10:06:51 2021
Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2021\210914A\VE210914A02.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97)	1,2,4-Trimethylbenzene	9.713	105	99	N.D.		
98)	sec-Butylbenzene	9.774	105	372	N.D.		
99)	p-Isopropyltoluene	9.861	119	310	N.D.		
100)	1,3-Dichlorobenzene	9.894	146	334	N.D.		
101)	1,4-Dichlorobenzene	9.947	146	90	N.D.		
102)	p-Diethylbenzene	10.066	119	285	N.D.		
103)	n-Butylbenzene	10.103	91	533	N.D.		
104)	1,2-Dichlorobenzene	10.183	146	161	N.D.		
105)	1,2,4,5-Tetramethylben...	10.526	119	266	N.D.		
106)	1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
108)	Hexachlorobutadiene	0.000		0	N.D.		
109)	1,2,4-Trichlorobenzene	11.015	180	305	N.D.		
110)	Naphthalene	11.193	128	608	N.D.		
111)	1,2,3-Trichlorobenzene	11.296	180	123	N.D.		

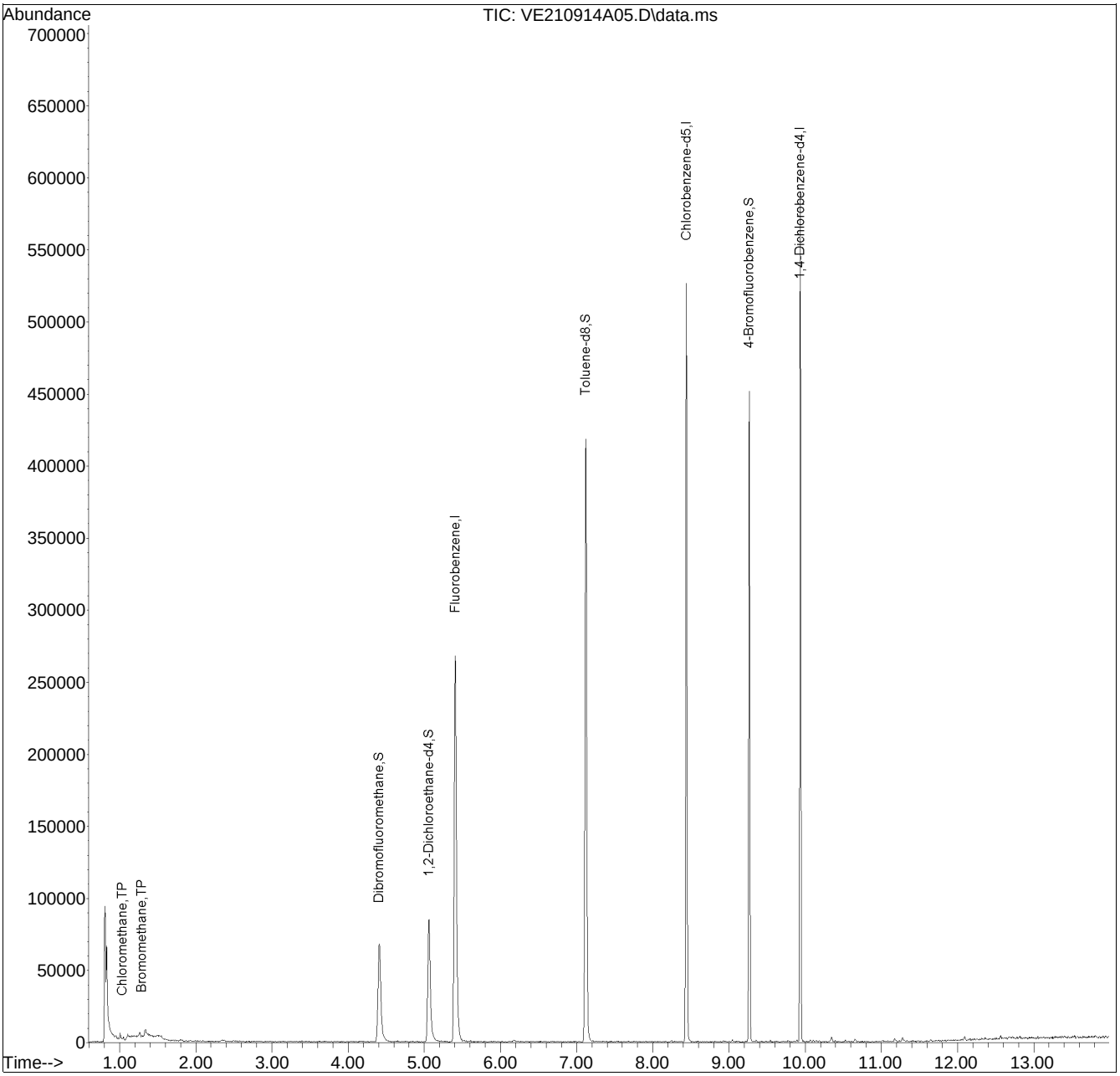
(#) = qualifier out of range (m) = manual integration (+) = signals summed

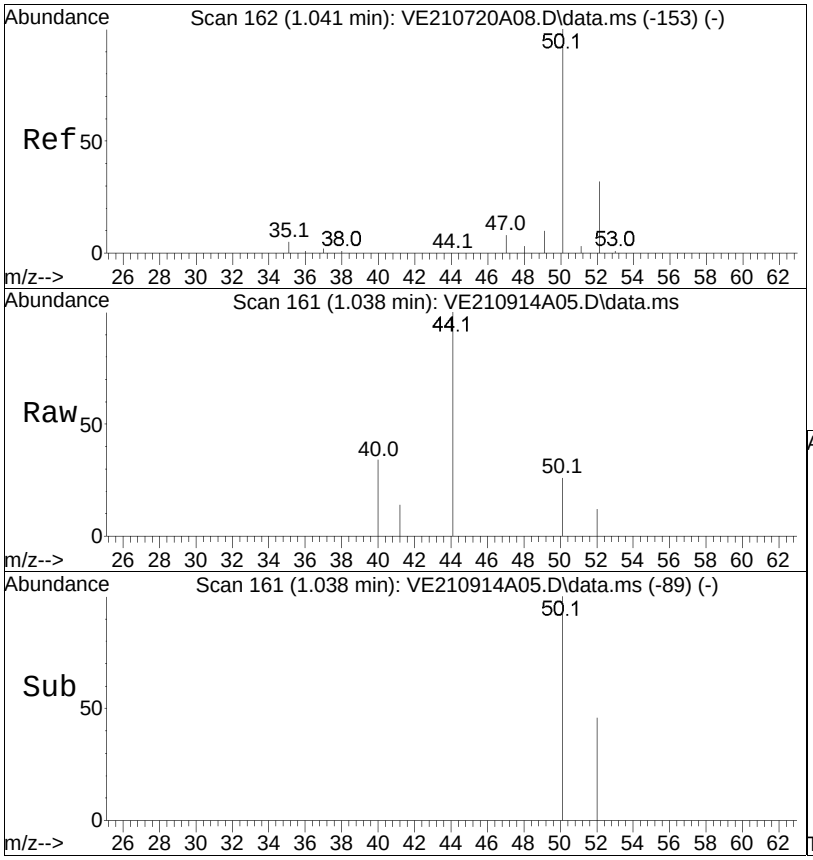
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A05.D
Acq On : 14 Sep 2021 9:46 am
Operator : ELAINE:PD
Sample : WG1546709-5,31,10,10
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 10:06:51 2021
Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

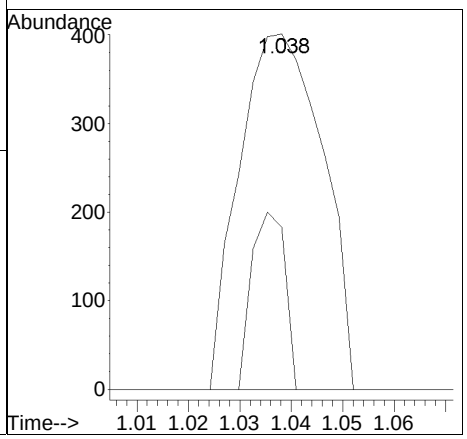


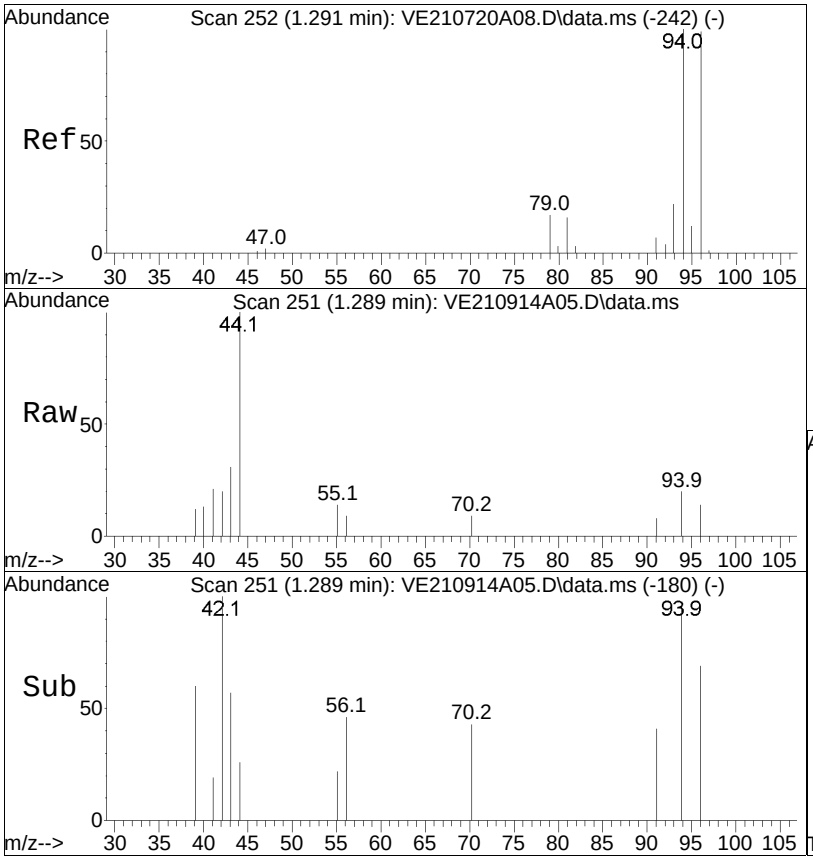


#3
Chloromethane
Concen: 0.08 ug/L
RT: 1.038 min Scan# 161
Delta R.T. 0.000 min
Lab File: VE210914A05.D
Acq: 14 Sep 2021 9:46 am

Tgt Ion: 50 Resp: 452

Ion	Ratio	Lower	Upper
50	100		
52	19.9	12.9	52.9
47	0.0	0.0	28.3

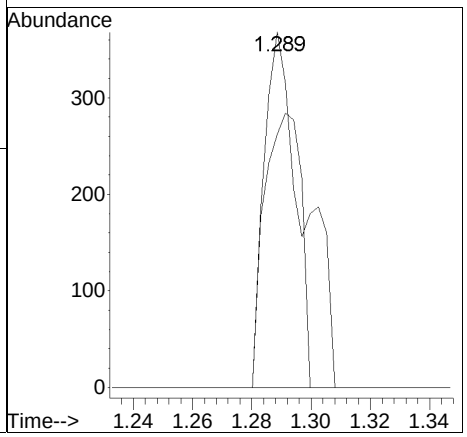




#5
Bromomethane
Concen: 0.13 ug/L M1
RT: 1.289 min Scan# 251
Delta R.T. -0.002 min
Lab File: VE210914A05.D
Acq: 14 Sep 2021 9:46 am

Tgt Ion: 94 Resp: 344

Ion	Ratio	Lower	Upper
94	100		
96	70.3	75.6	115.6#

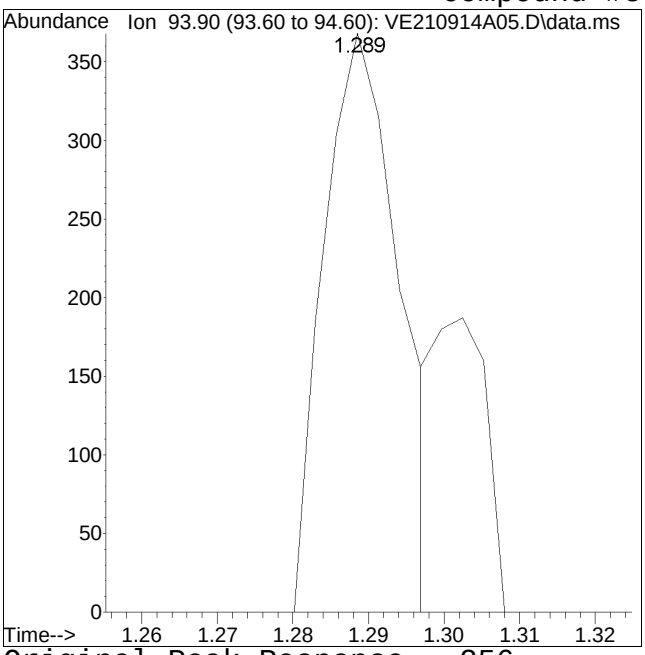


Manual Integration Report

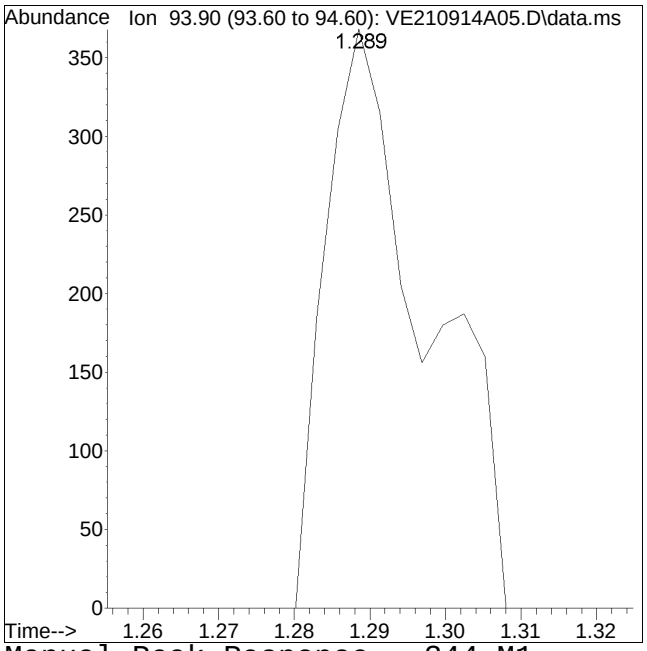
Data Path : I:\VOLATILES\Elaine\2021\2Q
Data File : VE210914A05.D
Date Inj'd : 9/14/2021 9:46 am
Sample : WG1546709-5,31,10,10

Method : Elaine_210909A_8260.m
Operator : ELAINE:PD
Instrument : Elaine
Quant Date : 9/14/2021 10:06 am

Compound #5: Bromomethane



Original Peak Response = 256



Manual Peak Response = 344 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

LSC Area Percent Report

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A05.D
Acq On : 14 Sep 2021 9:46 am
Operator : ELAINE:PD
Sample : WG1546709-5,31,10,10
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: VE210914A05.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.407	1354	1372	1405	rBV4	68151	180579	27.43%	5.657%
2	5.061	1589	1607	1641	rBV2	84916	201555	30.62%	6.314%
3	5.406	1714	1731	1766	rBV	267794	559904	85.06%	17.540%
4	7.120	2328	2347	2376	rBV	418611	658281	100.00%	20.621%
5	8.439	2808	2821	2845	rVB	526480	596992	90.69%	18.701%
6	9.265	3106	3118	3134	rVB	451485	442751	67.26%	13.870%
7	9.936	3350	3359	3370	rBV	587912	552165	83.88%	17.297%

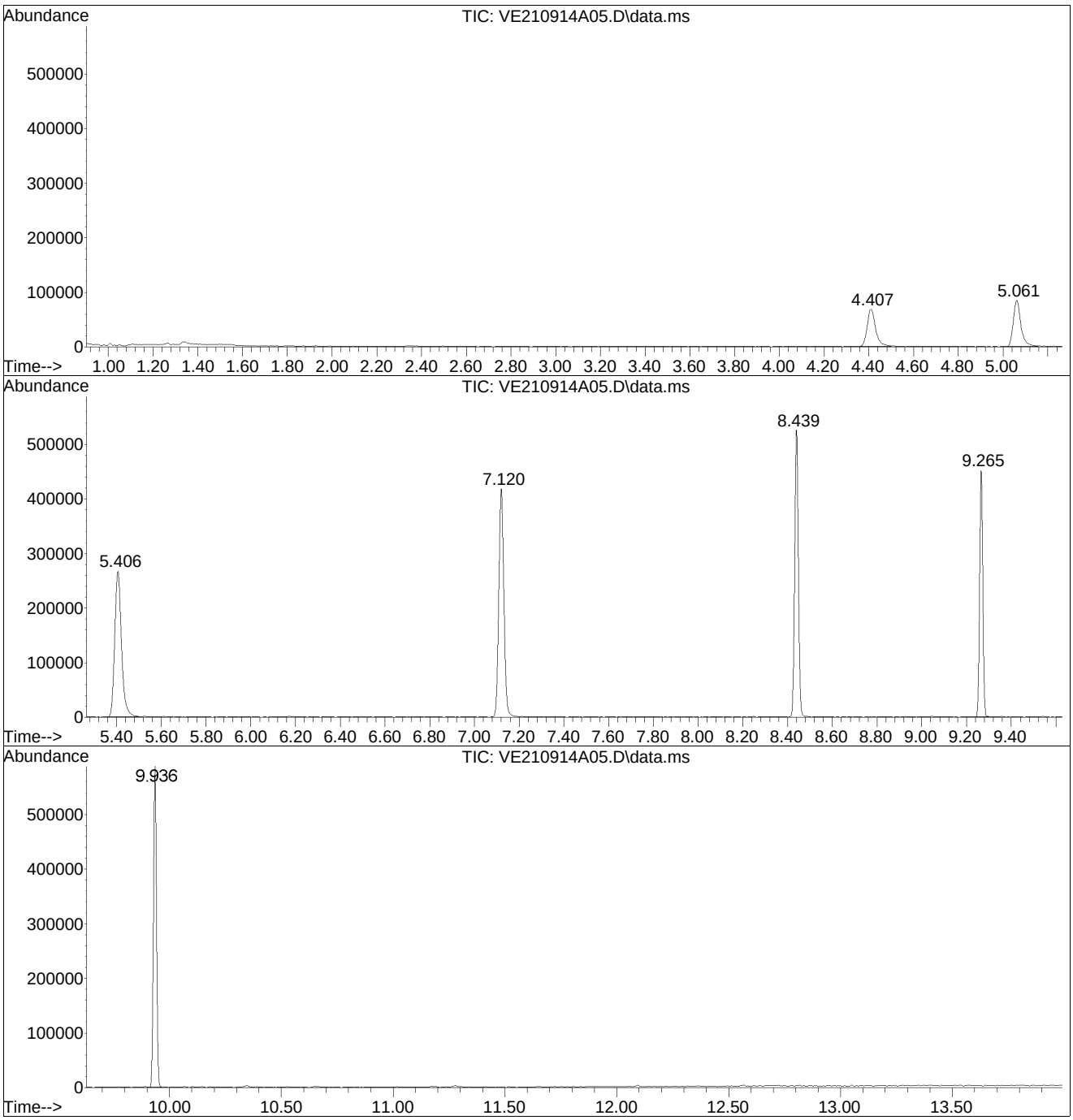
Sum of corrected areas: 3192227

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A05.D
Acq On : 14 Sep 2021 9:46 am
Operator : ELAINE:PD
Sample : WG1546709-5,31,10,10
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A05.D
Acq On : 14 Sep 2021 9:46 am
Operator : ELAINE:PD
Sample : WG1546709-5,31,10,10
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A05.D
Acq On : 14 Sep 2021 9:46 am
Operator : ELAINE:PD
Sample : WG1546709-5,31,10,10
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

						Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A02.D
Acq On : 14 Sep 2021 8:46 am
Operator : ELAINE:PD
Sample : WG1546709-3,31,10,10
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 09:02:36 2021
Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.409	96	261232	10.000	ug/L	0.00
59) Chlorobenzene-d5	8.441	117	175761	10.000	ug/L	0.00
79) 1,4-Dichlorobenzene-d4	9.936	152	84918	10.000	ug/L	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	4.413	113	57856	9.722	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.22%			
43) 1,2-Dichloroethane-d4	5.064	65	80654	9.223	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 92.23%			
60) Toluene-d8	7.123	98	242730	10.043	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.43%			
83) 4-Bromofluorobenzene	9.265	95	101859	10.111	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.11%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.921	85	37579	8.286	ug/L	98
3) Chloromethane	1.038	50	57855	9.658	ug/L	98
4) Vinyl chloride	1.088	62	58714	10.518	ug/L	97
5) Bromomethane	1.288	94	27794	9.546	ug/L	96
6) Chloroethane	1.372	64	37149	10.416	ug/L	100
7) Trichlorofluoromethane	1.464	101	69333	10.135	ug/L	97
8) Ethyl ether	1.689	74	23806	8.496	ug/L	81
10) 1,1-Dichloroethene	1.820	96	38969	9.704	ug/L	90
11) Carbon disulfide	1.825	76	111170	10.170	ug/L	98
15) Methylene chloride	2.296	84	47411	9.034	ug/L	87
17) Acetone	2.351	43	10043M1	6.327	ug/L	
18) trans-1,2-Dichloroethene	2.437	96	42573	9.673	ug/L	96
20) Methyl tert-butyl ether	2.557	73	114998M1	7.888	ug/L	
23) 1,1-Dichloroethane	3.061	63	102951	9.872	ug/L	97
25) Acrylonitrile	3.133	53	11008M1	7.145	ug/L	
27) Vinyl acetate	3.420	43	109864	10.270	ug/L	99
28) cis-1,2-Dichloroethene	3.734	96	48069	9.313	ug/L	89
29) 2,2-Dichloropropane	3.868	77	81653	10.379	ug/L	95
30) Bromochloromethane	4.004	128	17968	9.115	ug/L	85
32) Chloroform	4.165	83	86850	9.481	ug/L	97
34) Carbon tetrachloride	4.282	117	57261	9.262	ug/L	96
37) 1,1,1-Trichloroethane	4.382	97	77224	9.677	ug/L #	95
39) 2-Butanone	4.605	43	16607M1	8.007	ug/L	
40) 1,1-Dichloropropene	4.560	75	65003	10.007	ug/L	99

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A02.D
Acq On : 14 Sep 2021 8:46 am
Operator : ELAINE:PD
Sample : WG1546709-3,31,10,10
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 09:02:36 2021
Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Benzene	4.877	78	191405	9.518	ug/L		96
44) 1,2-Dichloroethane	5.142	62	71033	8.633	ug/L		99
48) Trichloroethene	5.604	95	47384	9.646	ug/L		87
50) Dibromomethane	6.057	93	22385	7.929	ug/L		93
51) 1,2-Dichloropropane	6.174	63	52788	9.158	ug/L		96
54) Bromodichloromethane	6.282	83	63252	8.747	ug/L		100
57) 1,4-Dioxane	6.513	88	11048M1	311.946	ug/L		
58) cis-1,3-Dichloropropene	6.947	75	74115	9.116	ug/L		97
61) Toluene	7.170	92	120313	9.668	ug/L		97
62) 4-Methyl-2-pentanone	7.590	58	12578	7.206	ug/L	#	94
63) Tetrachloroethene	7.529	166	40667	9.776	ug/L		99
65) trans-1,3-Dichloropropene	7.610	75	64884	8.989	ug/L		94
68) 1,1,2-Trichloroethane	7.740	83	28042	8.595	ug/L		99
69) Chlorodibromomethane	7.877	129	34257	8.383	ug/L		98
70) 1,3-Dichloropropane	7.955	76	61155	8.286	ug/L		99
71) 1,2-Dibromoethane	8.035	107	30587	8.404	ug/L		99
72) 2-Hexanone	8.283	43	22010	6.727	ug/L		93
73) Chlorobenzene	8.453	112	120524	9.800	ug/L		98
74) Ethylbenzene	8.492	91	231855	9.999	ug/L		97
75) 1,1,1,2-Tetrachloroethane	8.511	131	38539	8.979	ug/L		94
76) p/m Xylene	8.600	106	165339	20.084	ug/L		90
77) o Xylene	8.887	106	158364	20.112	ug/L		95
78) Styrene	8.926	104	279488	20.175	ug/L		96
80) Bromoform	8.928	173	18739	7.993	ug/L		99
82) Isopropylbenzene	9.095	105	214575	10.076	ug/L		99
84) Bromobenzene	9.321	156	43866	9.396	ug/L		94
85) n-Propylbenzene	9.357	91	269745	10.562	ug/L		97
87) 1,1,2,2-Tetrachloroethane	9.415	83	36683	8.482	ug/L		99
88) 4-Ethyltoluene	9.426	105	204328	10.176	ug/L		99
89) 2-Chlorotoluene	9.440	91	186021	10.018	ug/L		95
90) 1,3,5-Trimethylbenzene	9.482	105	176614	9.936	ug/L		96
91) 1,2,3-Trichloropropane	9.482	75	32756	8.361	ug/L		93
92) trans-1,4-Dichloro-2-b...	9.515	53	13772M4	8.394	ug/L		
93) 4-Chlorotoluene	9.543	91	170326	10.046	ug/L		94
94) tert-Butylbenzene	9.666	119	145693	10.161	ug/L	#	87
97) 1,2,4-Trimethylbenzene	9.710	105	176296	10.029	ug/L		99
98) sec-Butylbenzene	9.771	105	221821	10.224	ug/L		98
99) p-Isopropyltoluene	9.860	119	182940	10.252	ug/L		99
100) 1,3-Dichlorobenzene	9.891	146	86610	9.874	ug/L		97
101) 1,4-Dichlorobenzene	9.944	146	84808	9.614	ug/L		95

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A02.D
Acq On : 14 Sep 2021 8:46 am
Operator : ELAINE:PD
Sample : WG1546709-3,31,10,10
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 09:02:36 2021
Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
102)	p-Diethylbenzene	10.072	119	100528	9.778	ug/L	98
103)	n-Butylbenzene	10.105	91	171468	10.431	ug/L	97
104)	1,2-Dichlorobenzene	10.186	146	79781	9.547	ug/L	97
105)	1,2,4,5-Tetramethylben...	10.528	119	157558	9.715	ug/L	97
106)	1,2-Dibromo-3-chloropr...	10.642	155	4685	7.438	ug/L	94
108)	Hexachlorobutadiene	11.001	225	18920	9.895	ug/L	98
109)	1,2,4-Trichlorobenzene	11.015	180	48144	8.974	ug/L	98
110)	Naphthalene	11.196	128	104122	7.860	ug/L	100
111)	1,2,3-Trichlorobenzene	11.296	180	42636	8.710	ug/L	98

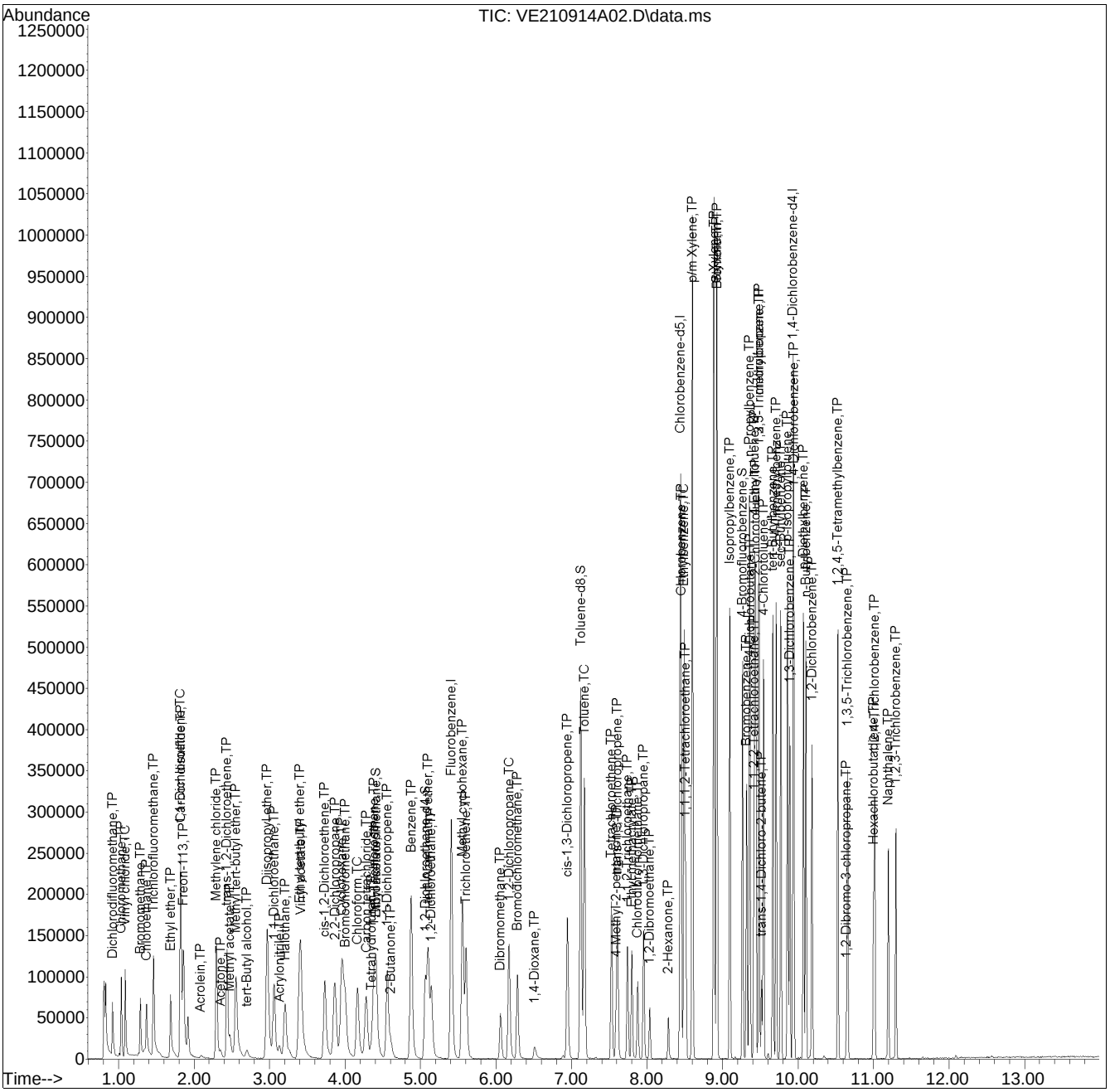
(#) = qualifier out of range (m) = manual integration (+) = signals summed

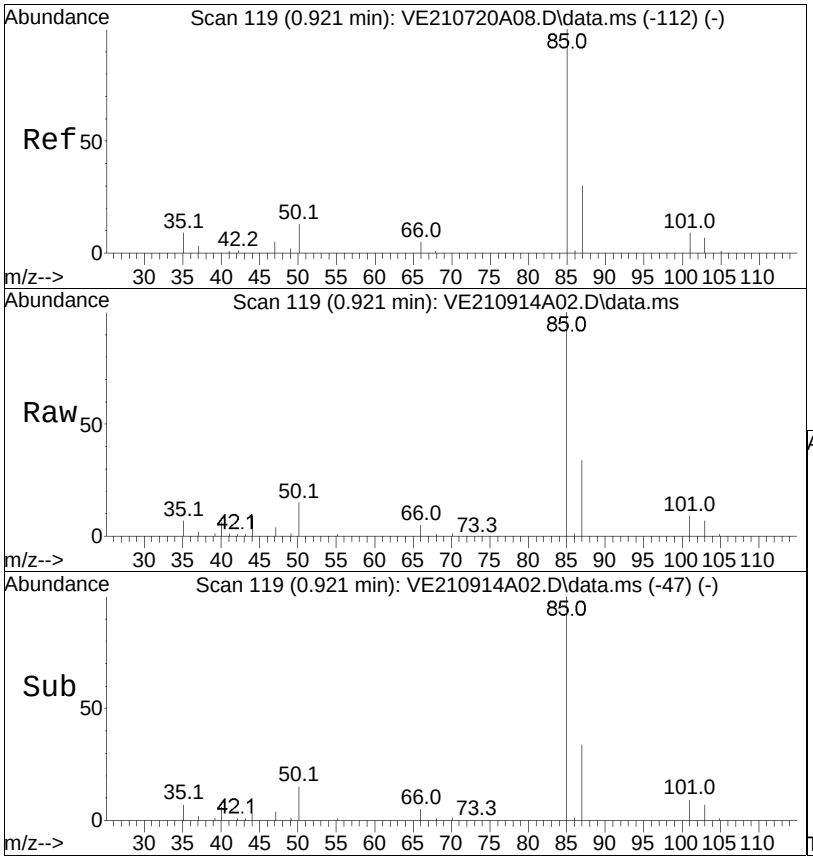
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A02.D
Acq On : 14 Sep 2021 8:46 am
Operator : ELAINE:PD
Sample : WG1546709-3,31,10,10
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 09:02:36 2021
Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

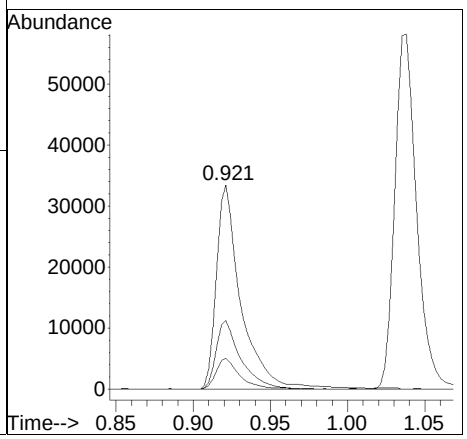


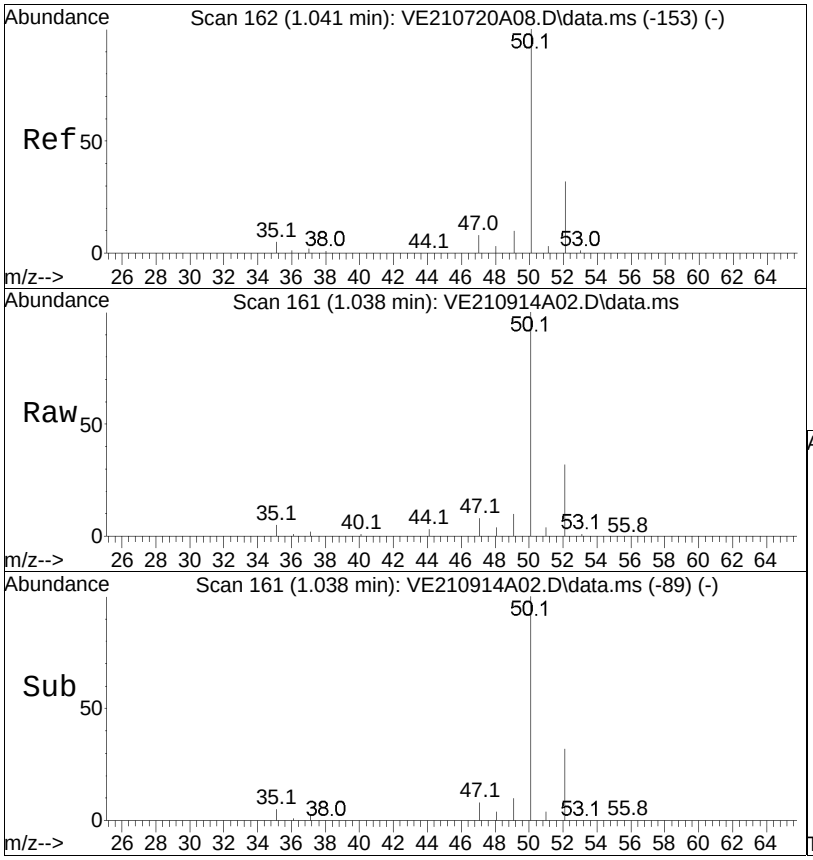


#2
Dichlorodifluoromethane
Concen: 8.29 ug/L
RT: 0.921 min Scan# 119
Delta R.T. 0.000 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion: 85 Resp: 37579

Ion	Ratio	Lower	Upper
85	100		
87	33.3	21.0	43.6
50	14.9	8.9	18.5

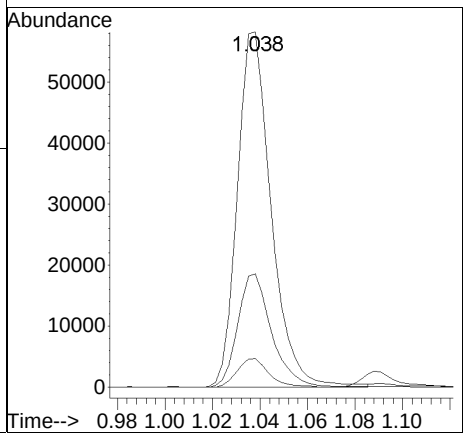


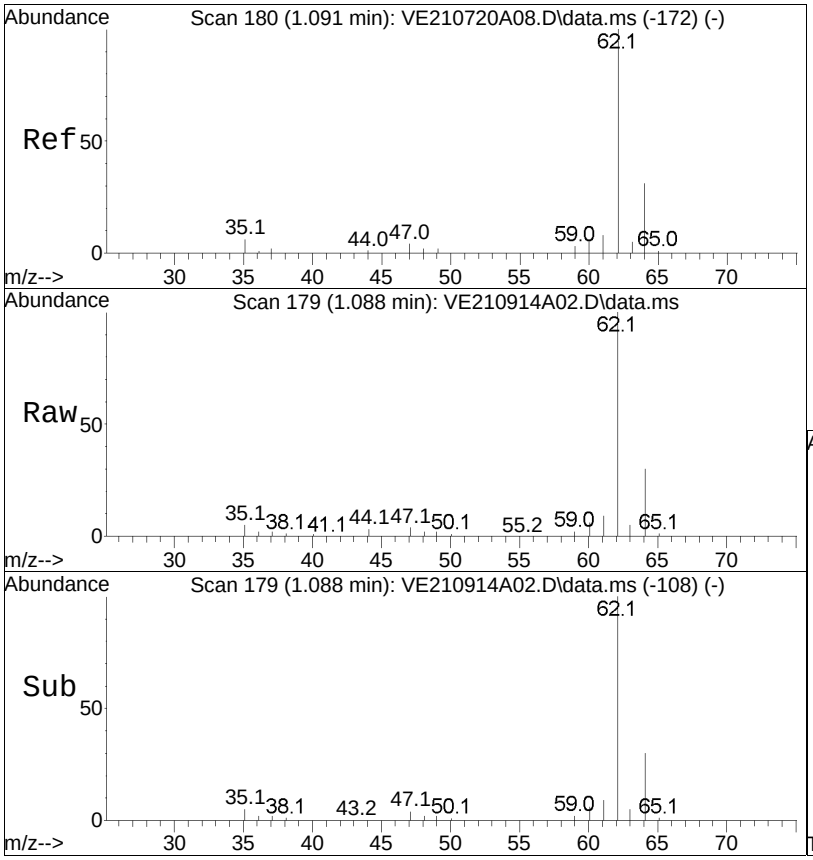


#3
Chloromethane
Concen: 9.66 ug/L
RT: 1.038 min Scan# 161
Delta R.T. -0.000 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion: 50 Resp: 57855

Ion	Ratio	Lower	Upper
50	100		
52	31.9	12.9	52.9
47	7.7	0.0	28.3

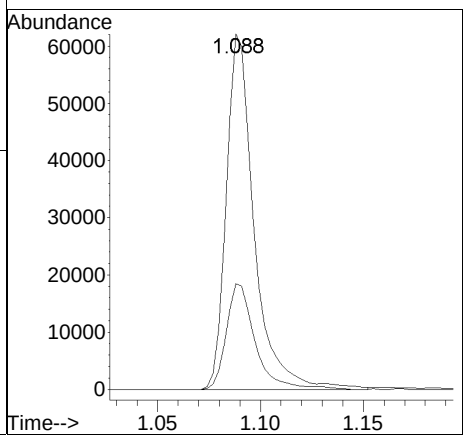


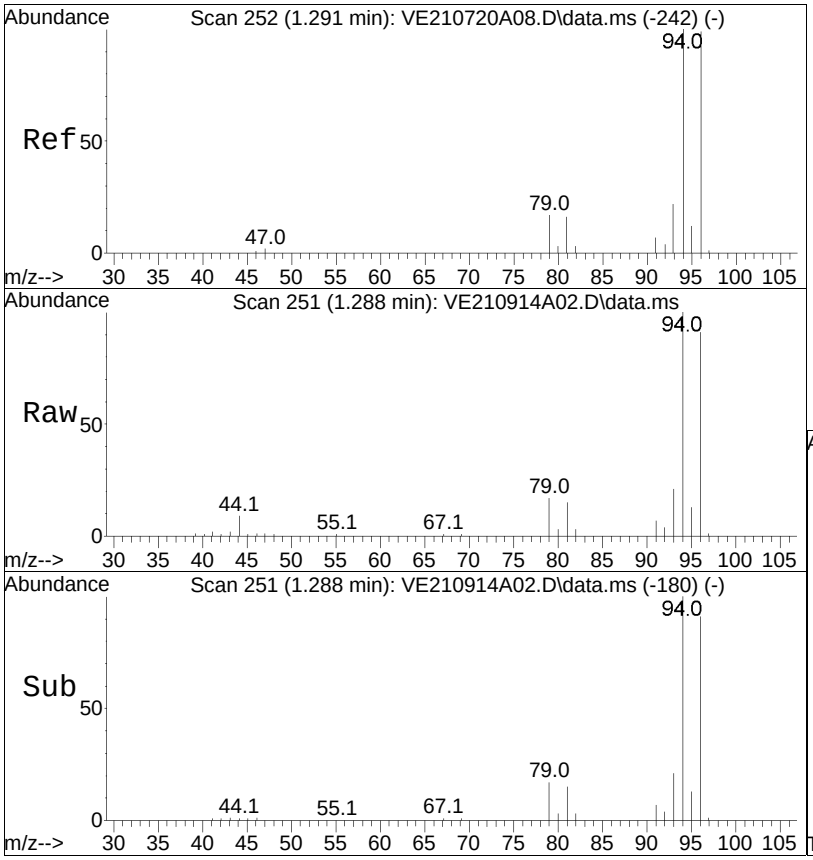


#4
Vinyl chloride
Concen: 10.52 ug/L
RT: 1.088 min Scan# 179
Delta R.T. -0.003 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion: 62 Resp: 58714

Ion	Ratio	Lower	Upper
62	100		
64	30.7	9.1	49.1

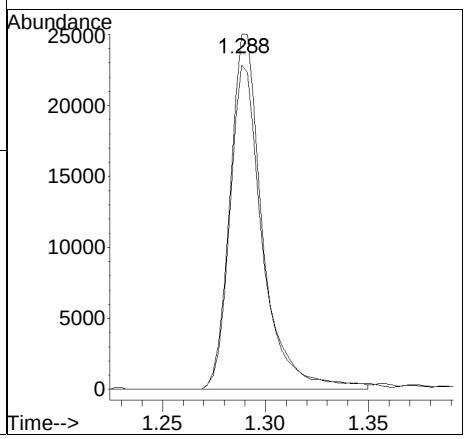


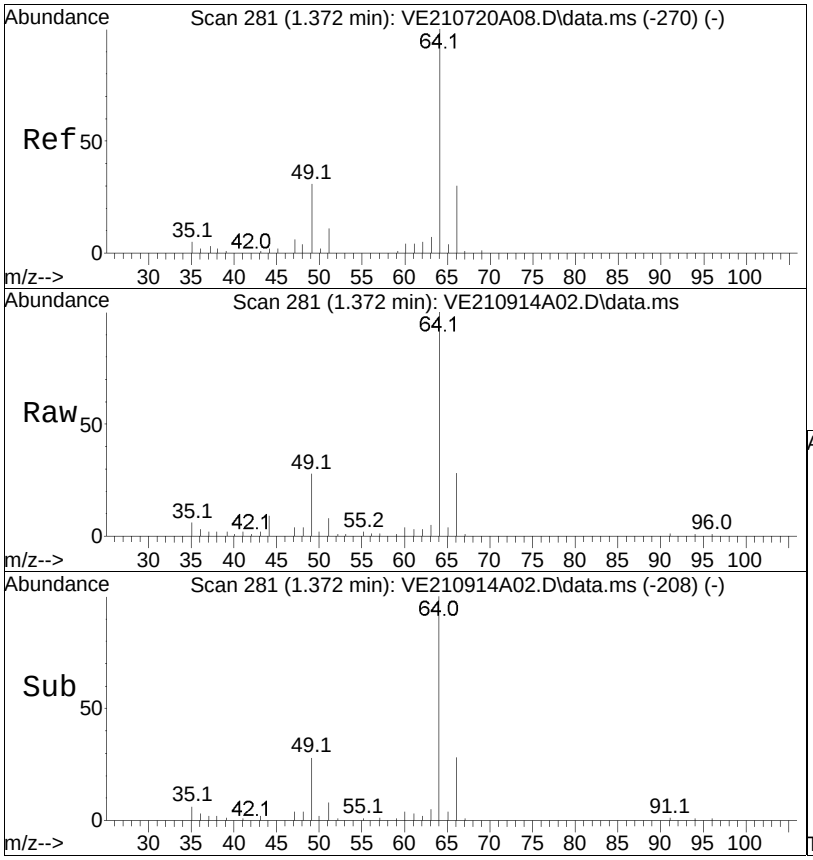


#5
Bromomethane
Concen: 9.55 ug/L
RT: 1.288 min Scan# 251
Delta R.T. -0.003 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion: 94 Resp: 27794

Ion	Ratio	Lower	Upper
94	100		
96	91.7	75.6	115.6

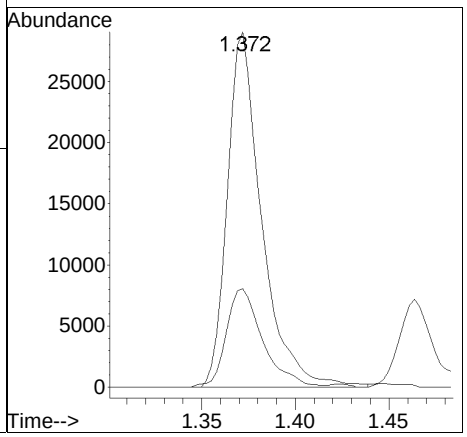


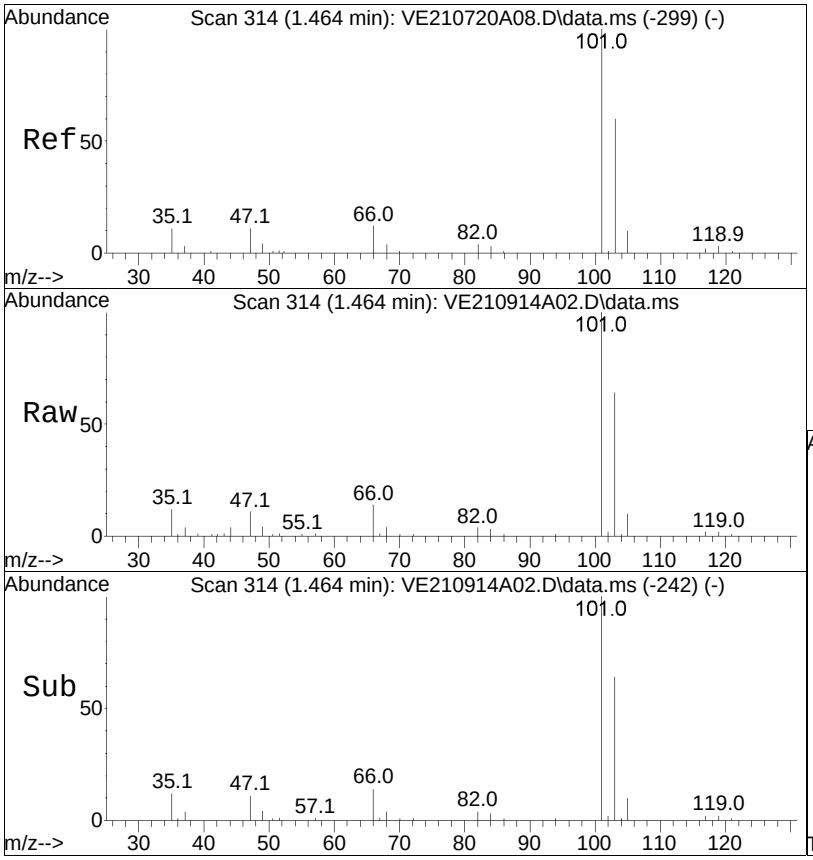


#6
Chloroethane
Concen: 10.42 ug/L
RT: 1.372 min Scan# 281
Delta R.T. 0.003 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion: 64 Resp: 37149

Ion	Ratio	Lower	Upper
64	100		
66	29.7	9.8	49.8

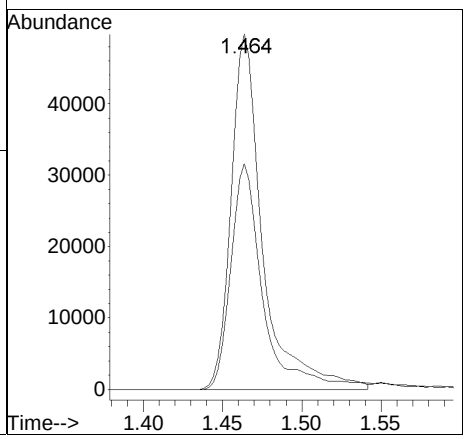


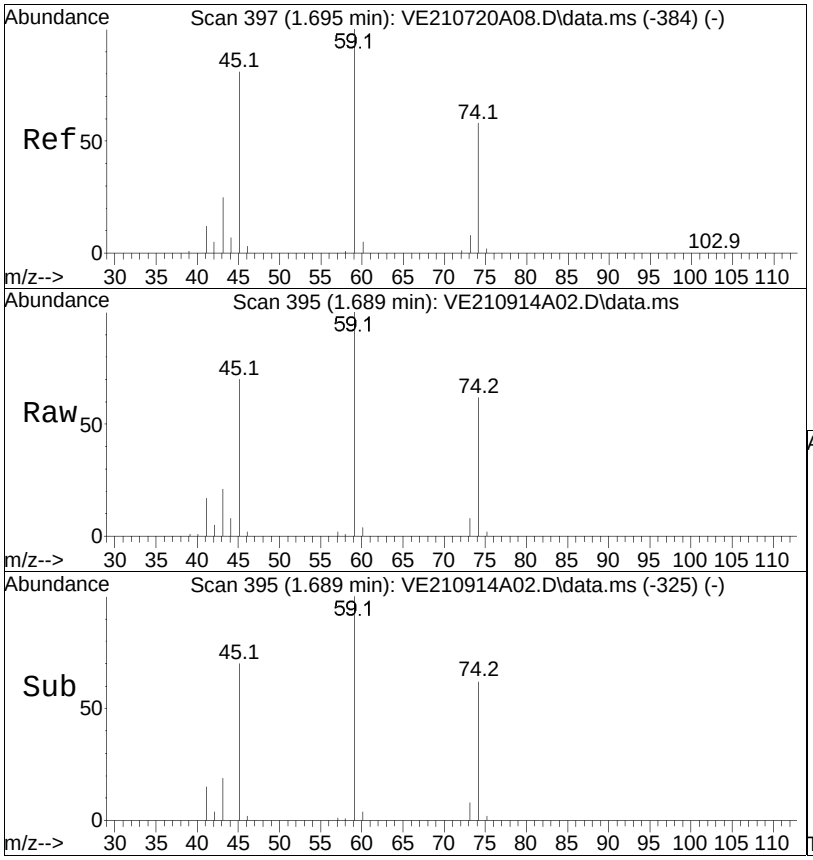


#7
Trichlorofluoromethane
Concen: 10.13 ug/L
RT: 1.464 min Scan# 314
Delta R.T. -0.000 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion:101 Resp: 69333

Ion	Ratio	Lower	Upper
101	100		
103	65.2	53.8	80.6

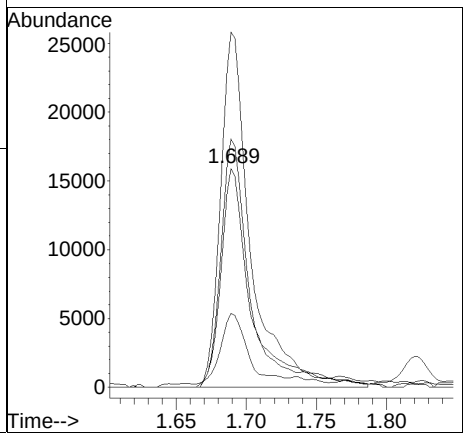


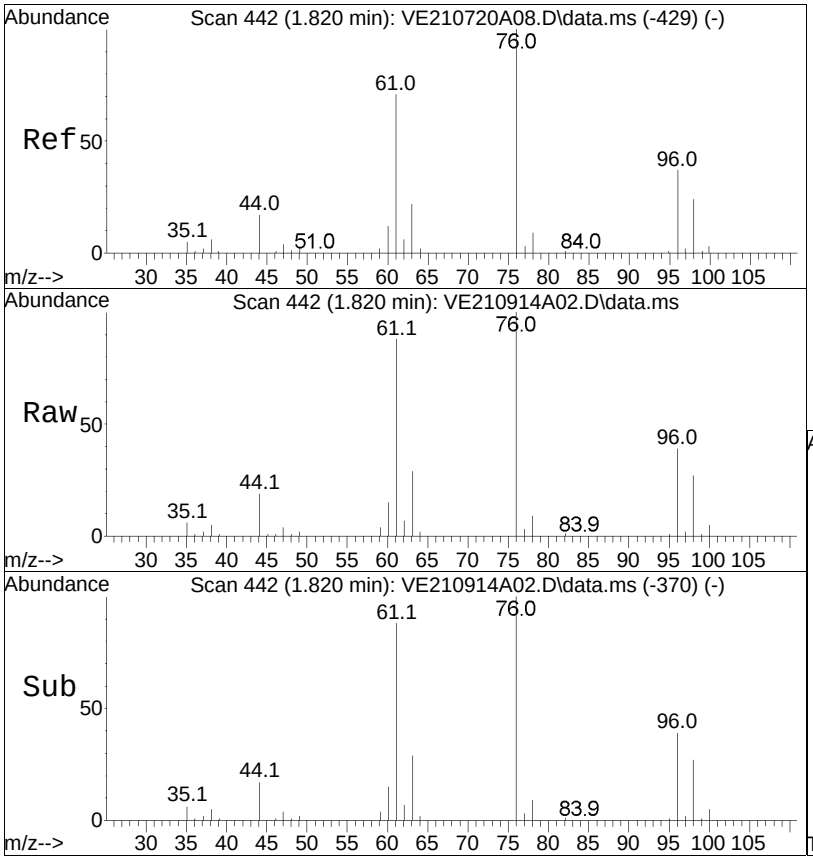


#8
Ethyl ether
Concen: 8.50 ug/L
RT: 1.689 min Scan# 395
Delta R.T. -0.006 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion: 74 Resp: 23806

Ion	Ratio	Lower	Upper
74	100		
59	161.6	122.2	253.8
45	114.6	91.9	190.9
43	29.1	25.2	52.2

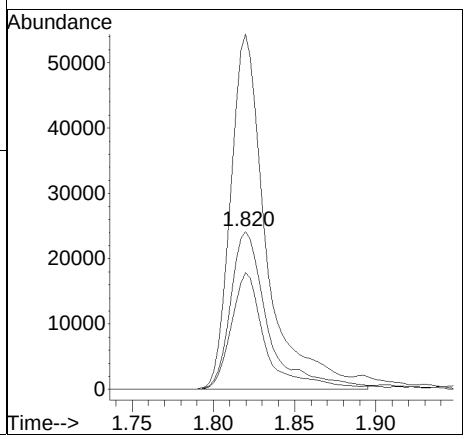


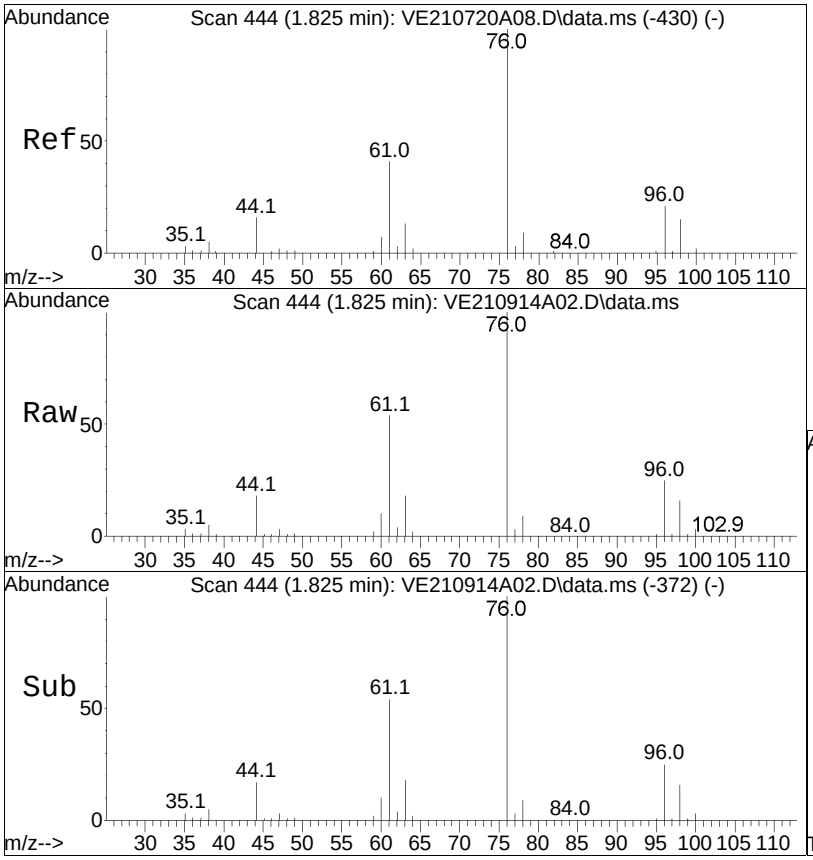


#10
1,1-Dichloroethene
Concen: 9.70 ug/L
RT: 1.820 min Scan# 442
Delta R.T. -0.000 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion: 96 Resp: 38969

Ion	Ratio	Lower	Upper
96	100		
61	213.1	186.1	279.1
63	68.2	57.6	86.4

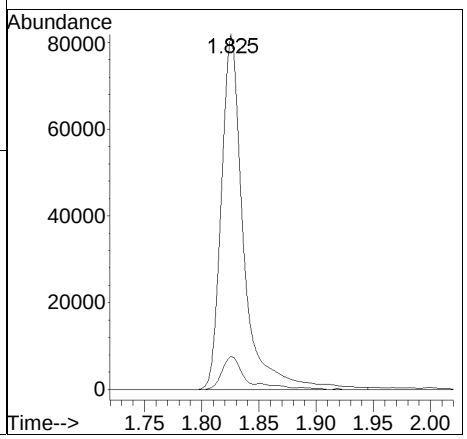


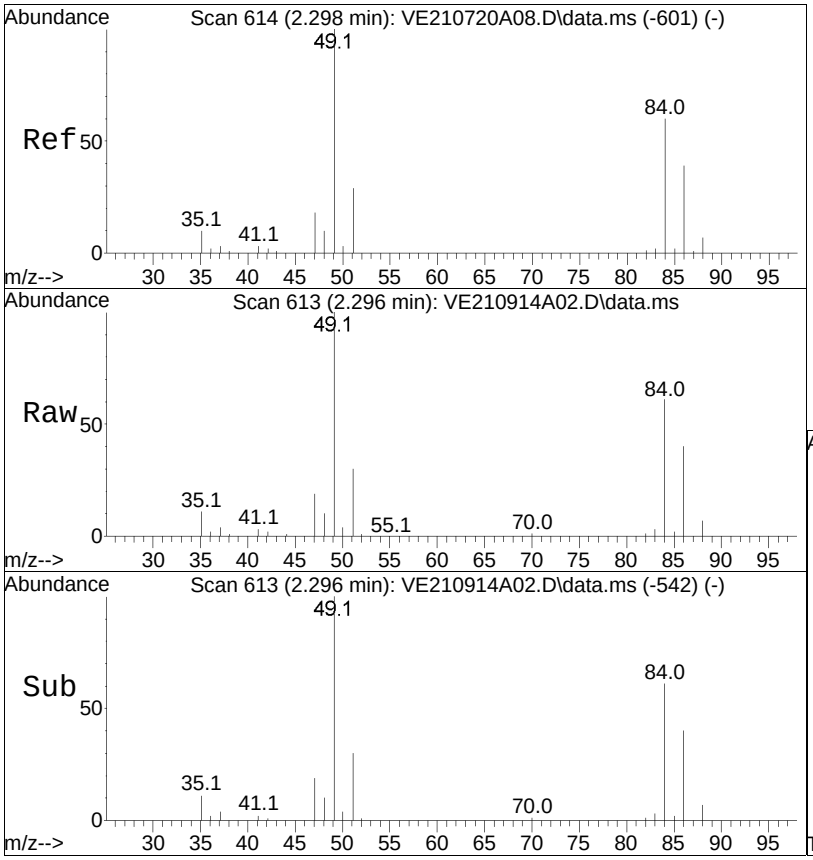


#11
Carbon disulfide
Concen: 10.17 ug/L
RT: 1.825 min Scan# 444
Delta R.T. 0.000 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion: 76 Resp: 111170

Ion	Ratio	Lower	Upper
76	100		
78	8.0	5.7	11.7

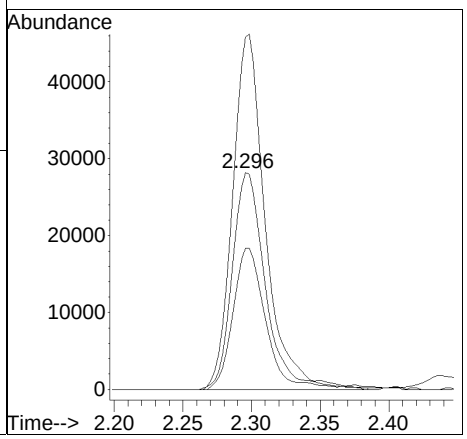


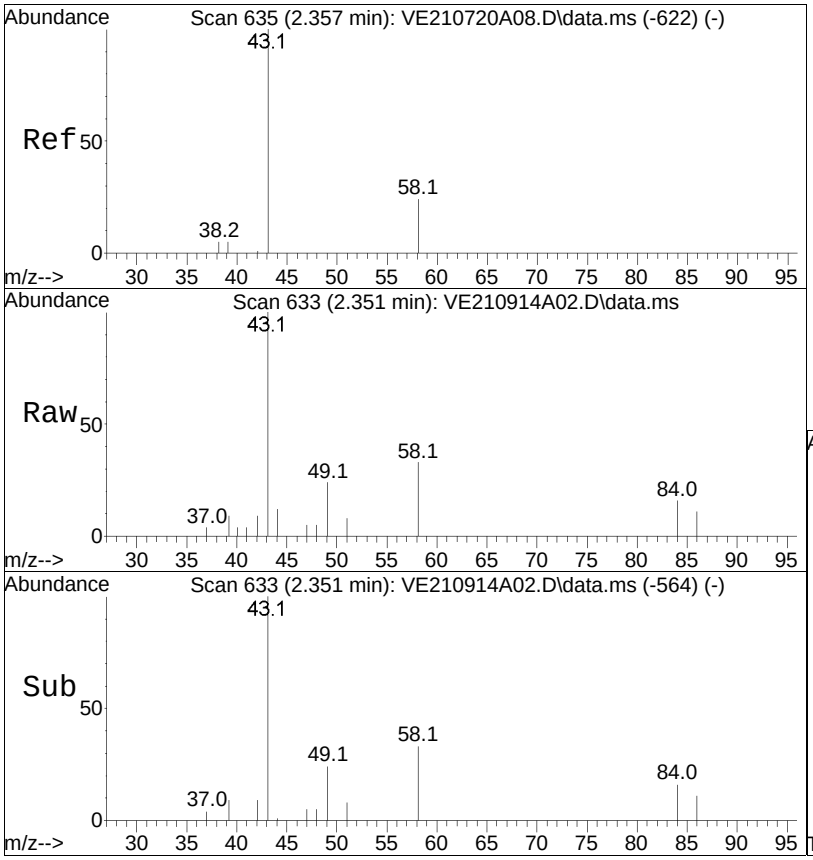


#15
Methylene chloride
Concen: 9.03 ug/L
RT: 2.296 min Scan# 613
Delta R.T. -0.002 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion: 84 Resp: 47411

Ion	Ratio	Lower	Upper
84	100		
86	64.5	40.4	83.8
49	160.8	120.0	249.2

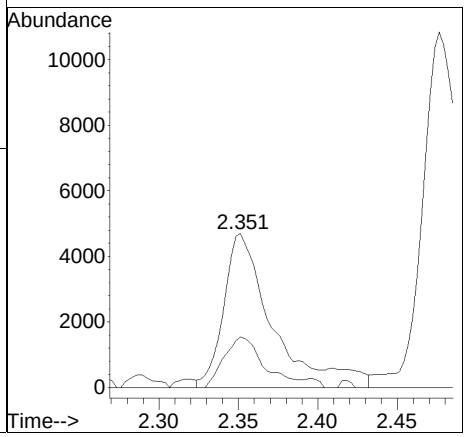


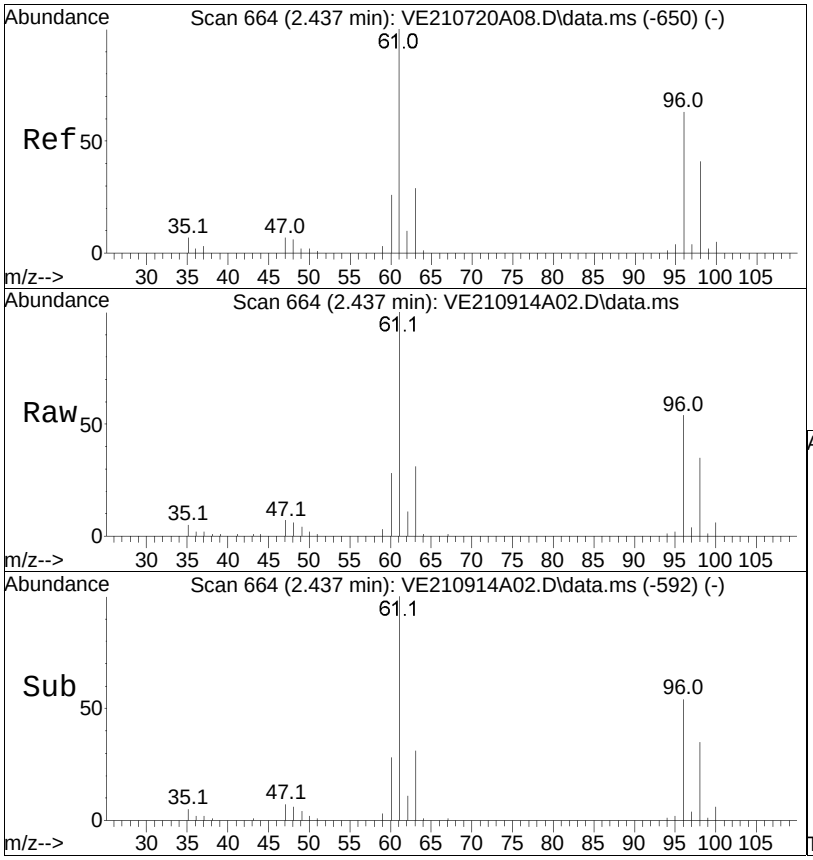


#17
Acetone
Concen: 6.33 ug/L M1
RT: 2.351 min Scan# 633
Delta R.T. -0.009 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion: 43 Resp: 10043

Ion	Ratio	Lower	Upper
43	100		
58	26.9	24.2	36.4

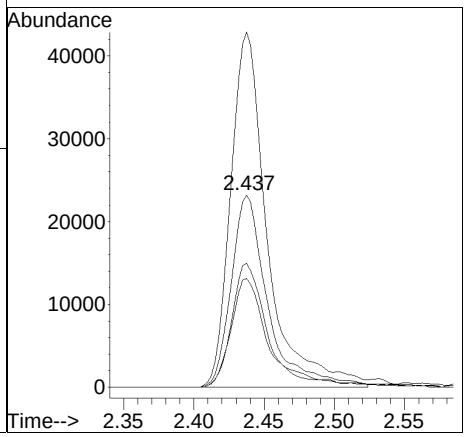


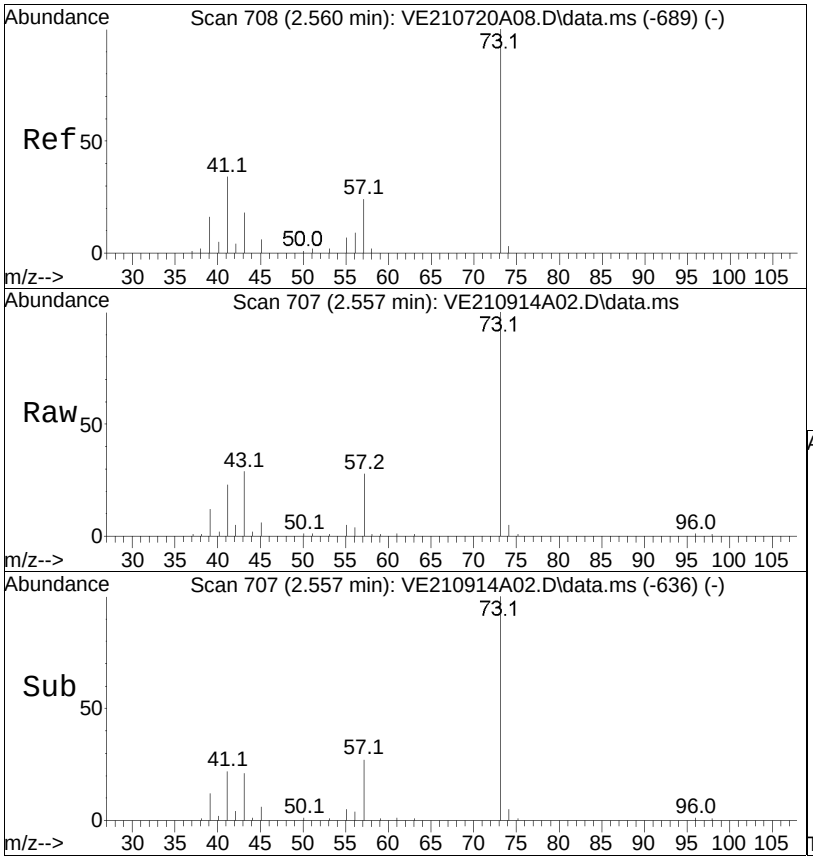


#18
trans-1,2-Dichloroethene
Concen: 9.67 ug/L
RT: 2.437 min Scan# 664
Delta R.T. 0.000 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion: 96 Resp: 42573

Ion	Ratio	Lower	Upper
96	100		
61	183.7	124.0	257.6
98	65.5	41.2	85.6
63	55.0	38.4	79.7

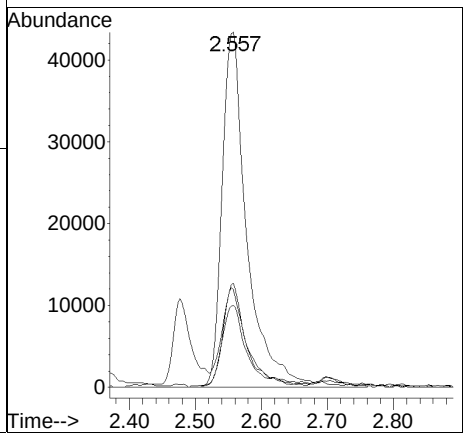


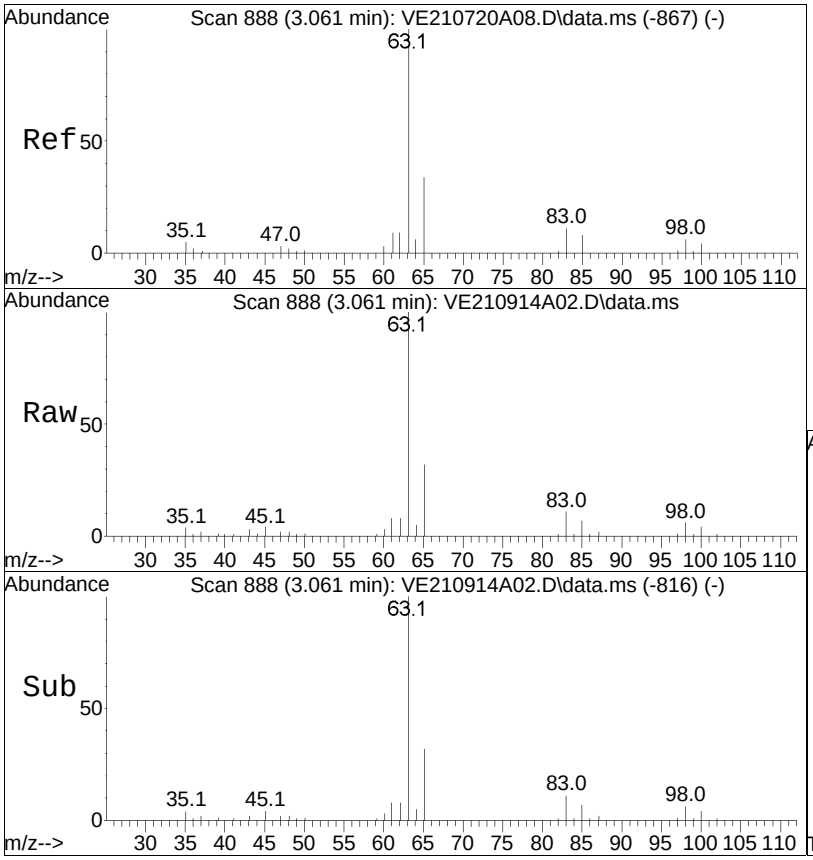


#20
Methyl tert-butyl ether
Concen: 7.89 ug/L M1
RT: 2.557 min Scan# 707
Delta R.T. -0.003 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion: 73 Resp: 114998

Ion	Ratio	Lower	Upper
73	100		
57	26.8	17.5	36.3
43	22.7	15.3	31.9
41	21.1	15.3	31.7

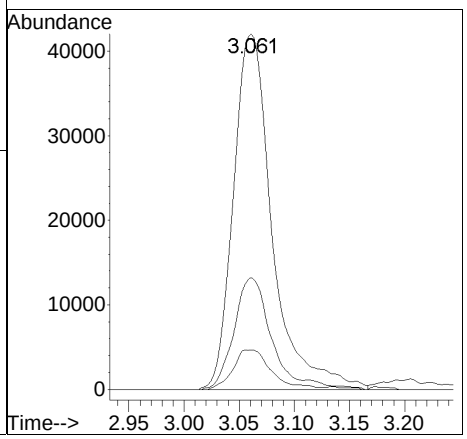


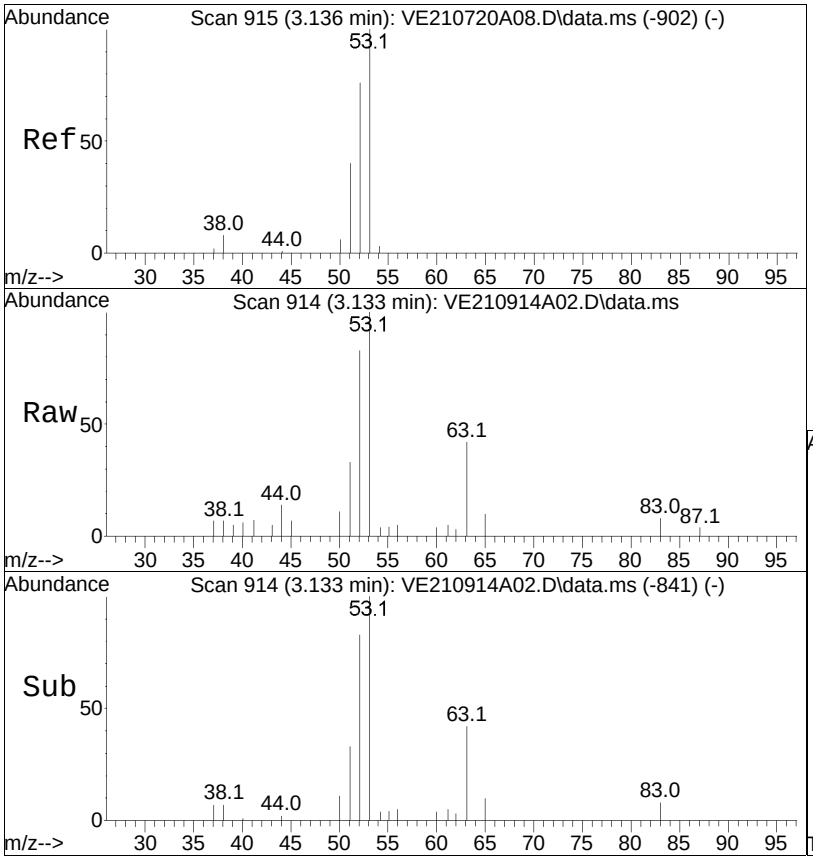


#23
1,1-Dichloroethane
Concen: 9.87 ug/L
RT: 3.061 min Scan# 888
Delta R.T. -0.000 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion: 63 Resp: 102951

Ion	Ratio	Lower	Upper
63	100		
65	29.1	11.0	51.0
83	11.1	0.0	31.8

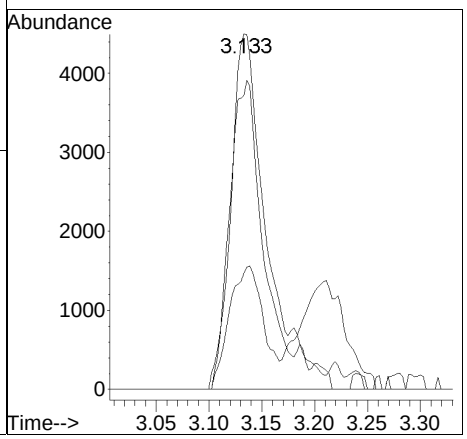


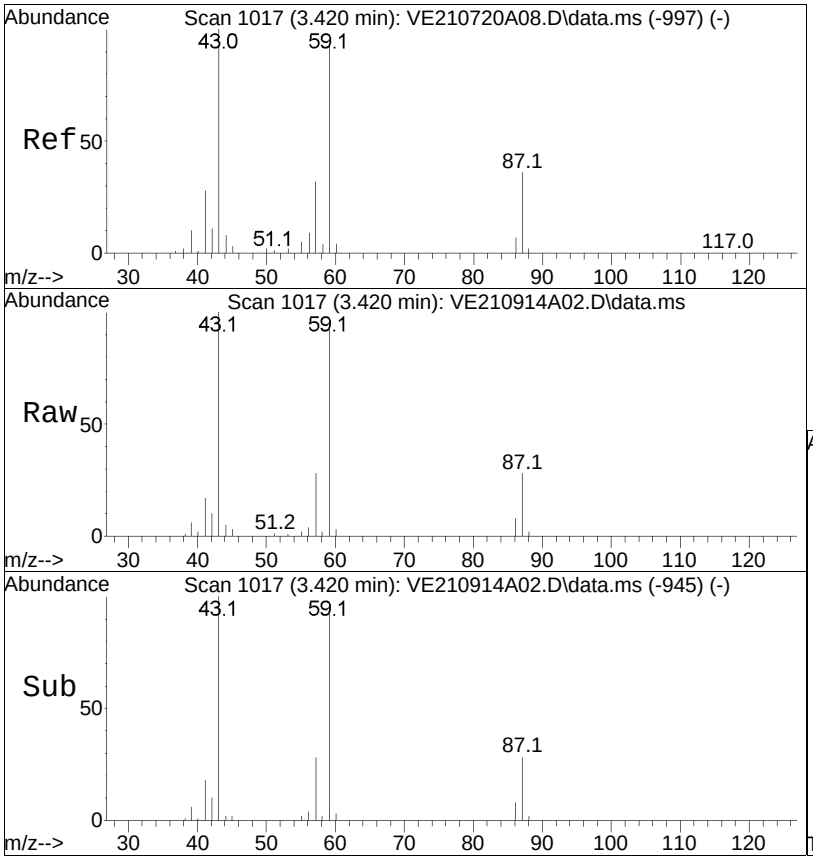


#25
Acrylonitrile
Concen: 7.14 ug/L M1
RT: 3.133 min Scan# 914
Delta R.T. 0.003 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion: 53 Resp: 11008

Ion	Ratio	Lower	Upper
53	100		
52	78.0	66.7	100.1
51	32.0	30.6	46.0

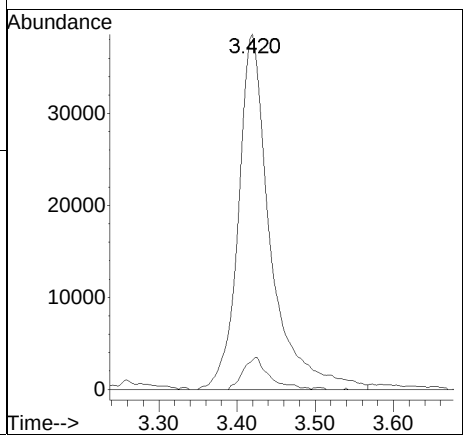


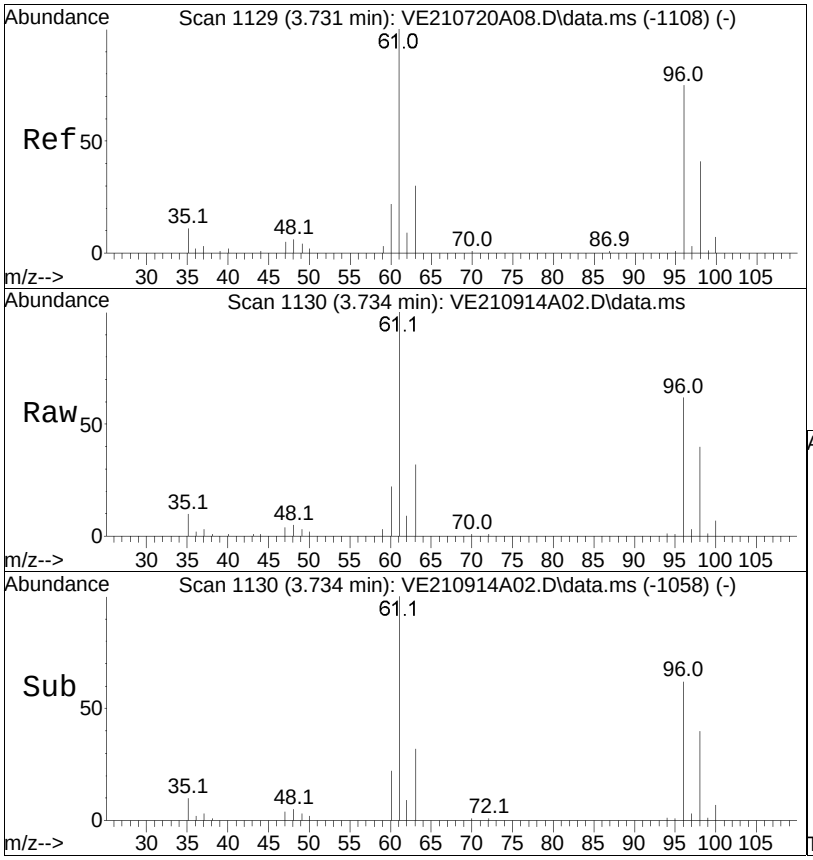


#27
Vinyl acetate
Concen: 10.27 ug/L
RT: 3.420 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion: 43 Resp: 109864

Ion	Ratio	Lower	Upper
43	100		
86	6.9	5.2	7.8

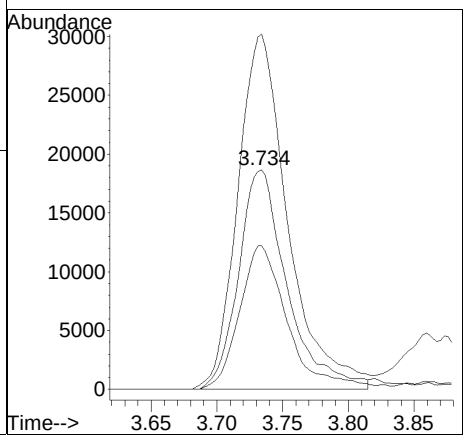


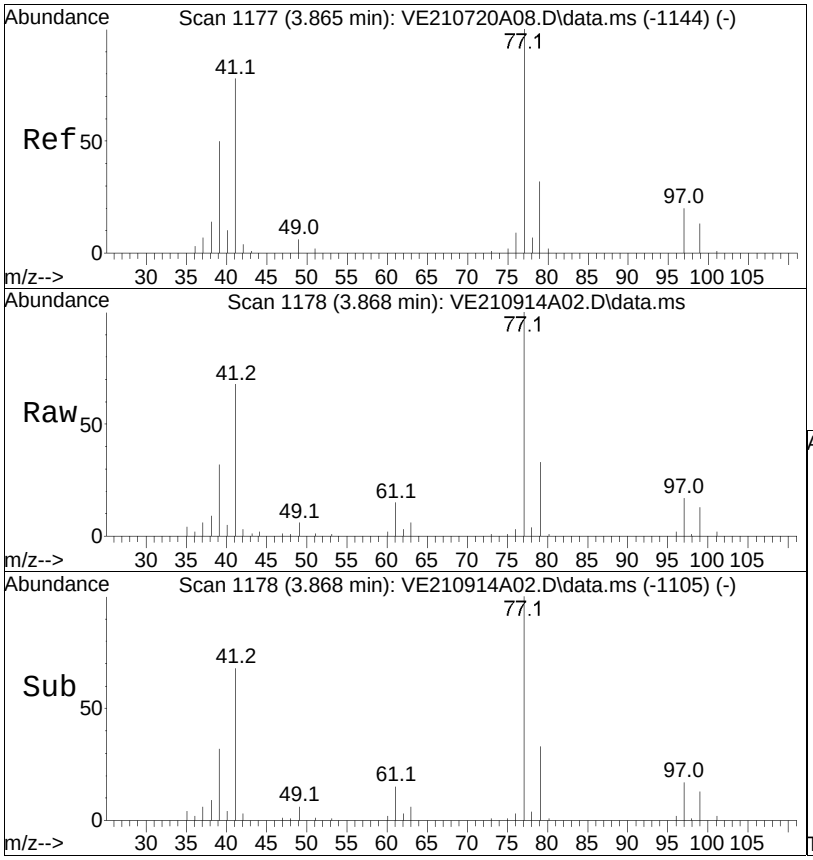


#28
cis-1,2-Dichloroethene
Concen: 9.31 ug/L
RT: 3.734 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion: 96 Resp: 48069

Ion	Ratio	Lower	Upper
96	100		
61	167.2	149.4	224.2
98	64.4	53.4	80.2

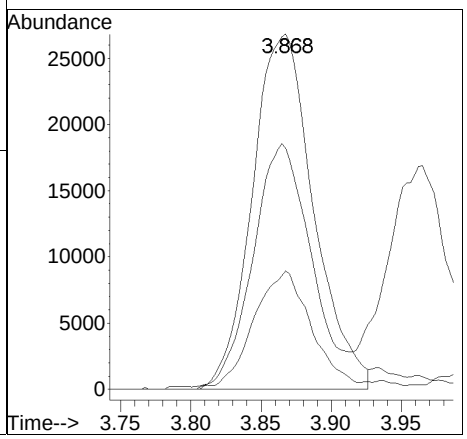


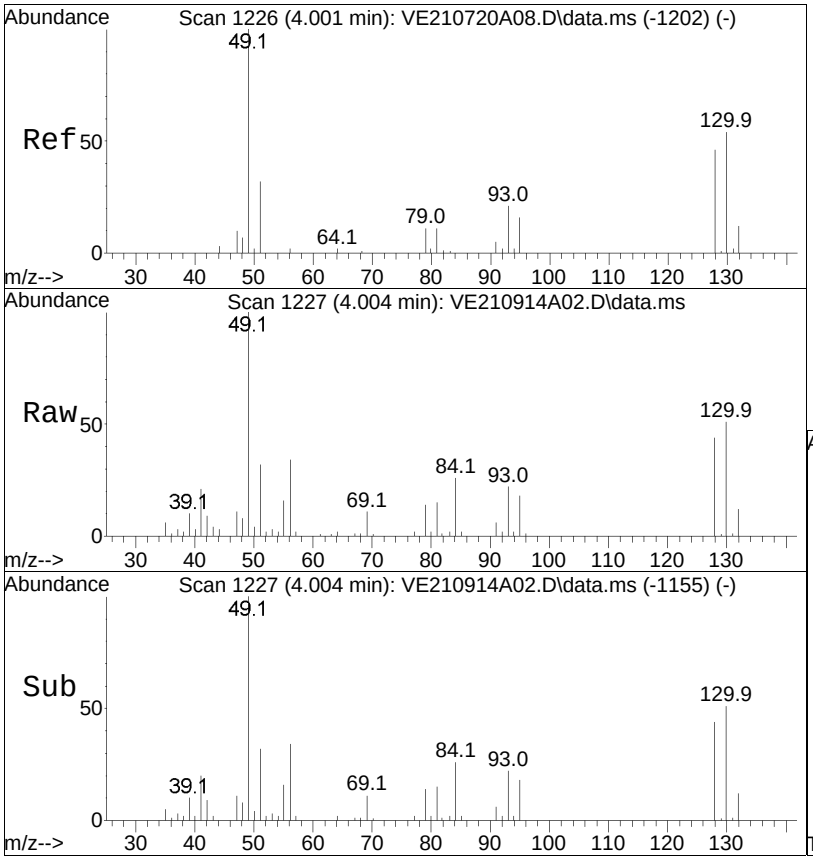


#29
2,2-Dichloropropane
Concen: 10.38 ug/L
RT: 3.868 min Scan# 1178
Delta R.T. 0.002 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion: 77 Resp: 81653

Ion	Ratio	Lower	Upper
77	100		
41	64.5	38.0	78.8
79	31.6	20.5	42.5

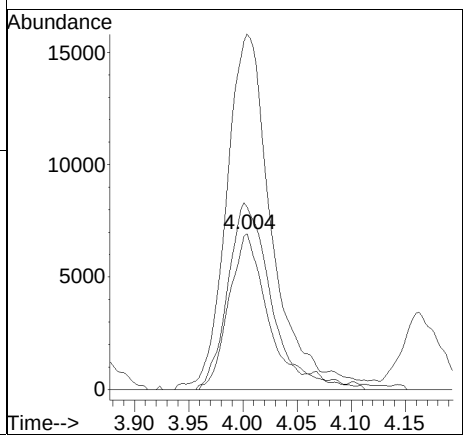


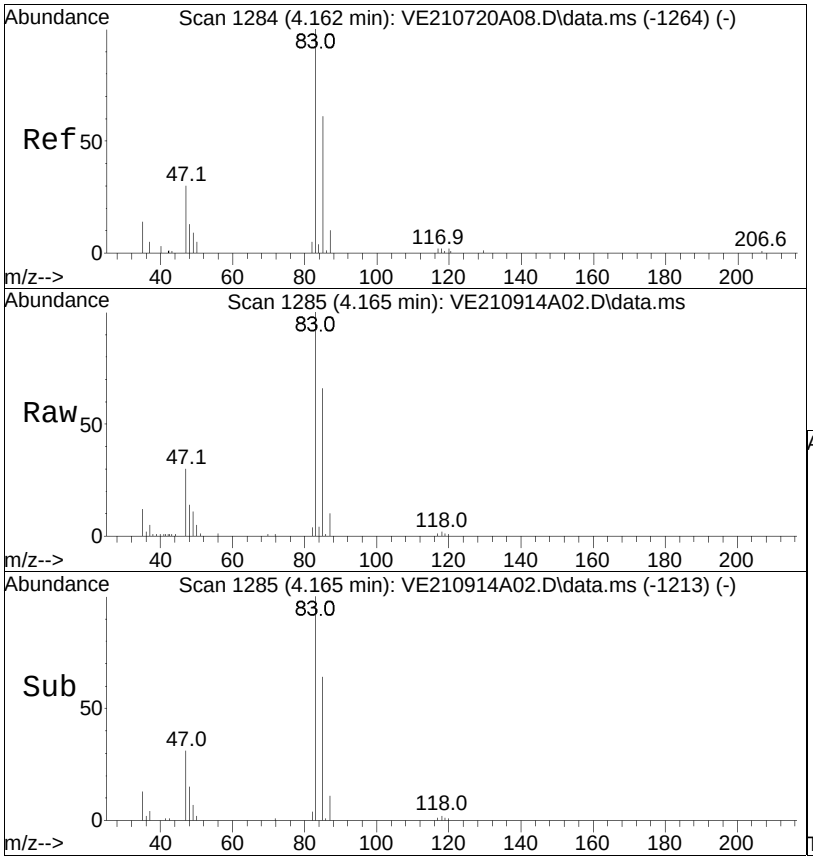


#30
Bromochloromethane
Concen: 9.11 ug/L
RT: 4.004 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion:128 Resp: 17968

Ion	Ratio	Lower	Upper
128	100		
49	249.3	223.0	334.4
130	124.1	111.4	167.0

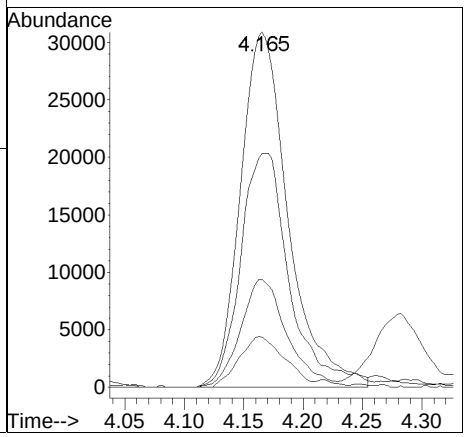


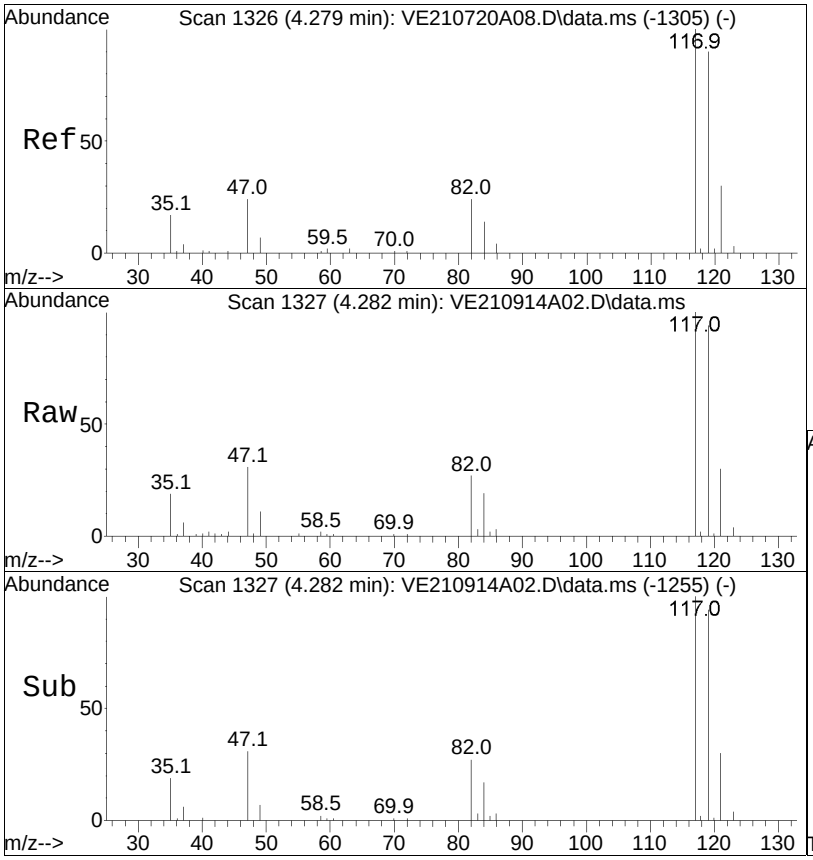


#32
Chloroform
Concen: 9.48 ug/L
RT: 4.165 min Scan# 1285
Delta R.T. 0.000 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion: 83 Resp: 86850

Ion	Ratio	Lower	Upper
83	100		
85	67.4	41.5	86.1
47	29.6	19.0	39.4
48	13.6	9.9	20.5

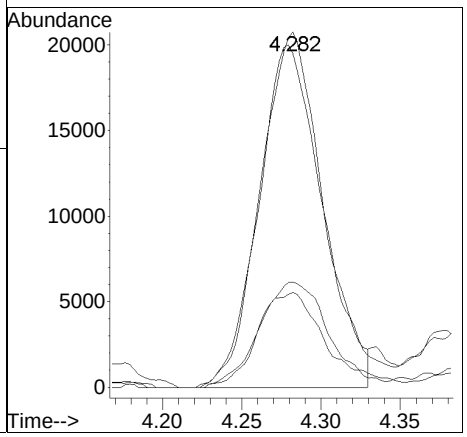


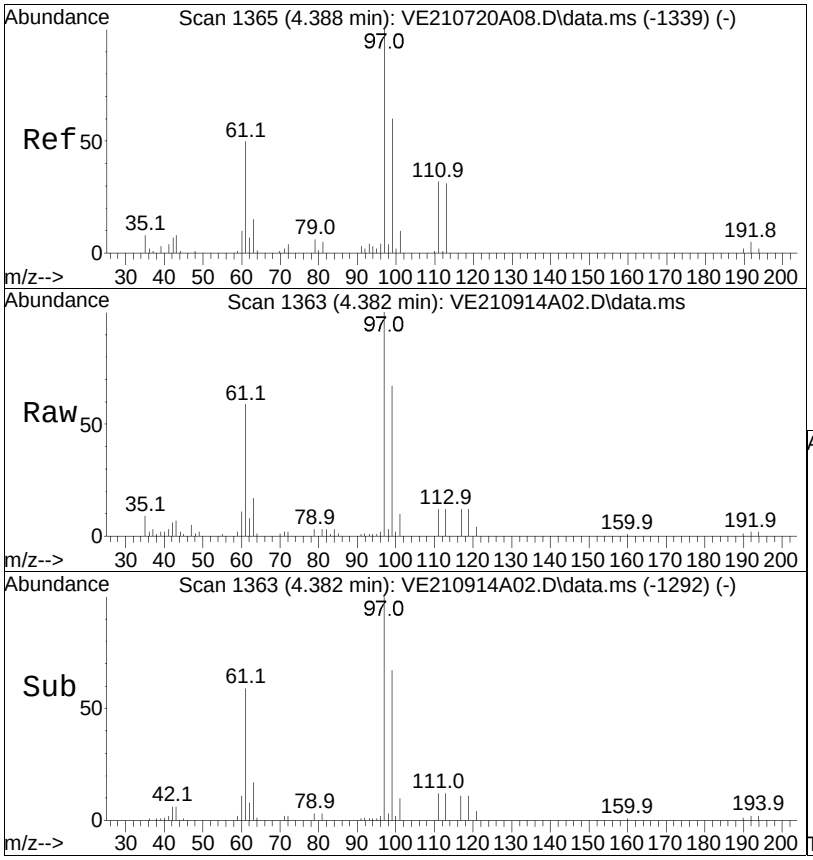


#34
Carbon tetrachloride
Concen: 9.26 ug/L
RT: 4.282 min Scan# 1327
Delta R.T. 0.000 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion:117 Resp: 57261

Ion	Ratio	Lower	Upper
117	100		
119	99.1	62.4	129.6
121	32.2	19.5	40.5
82	29.8	17.0	35.4

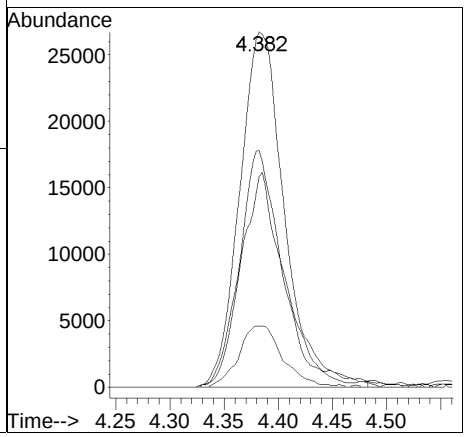


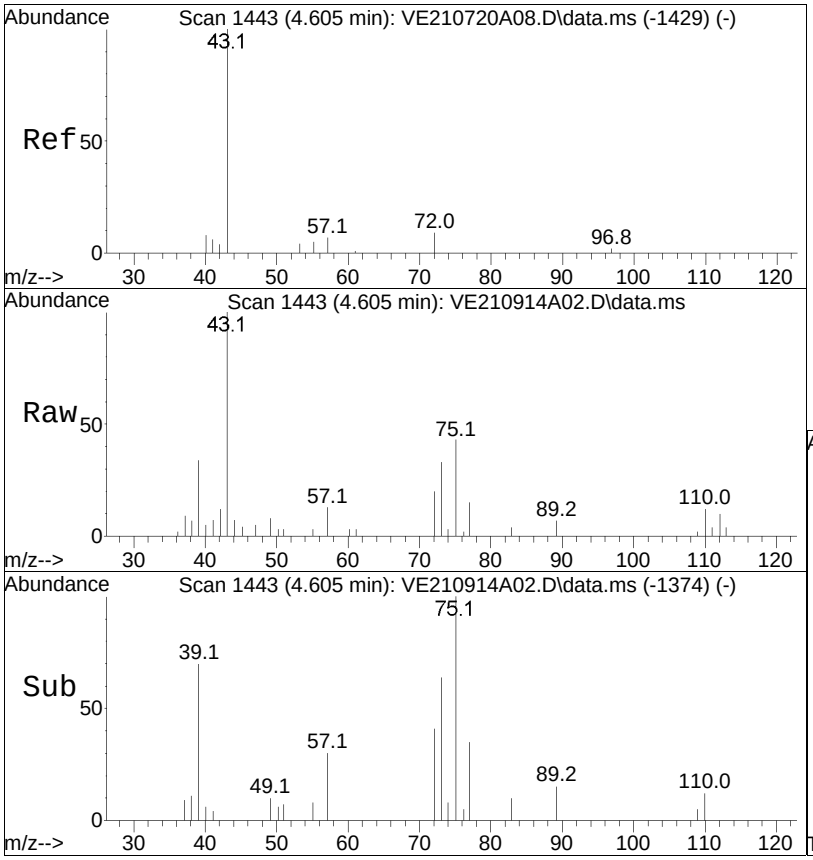


#37
1,1,1-Trichloroethane
Concen: 9.68 ug/L
RT: 4.382 min Scan# 1363
Delta R.T. -0.003 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion: 97 Resp: 77224

Ion	Ratio	Lower	Upper
97	100		
99	63.6	40.7	84.5
61	58.3	35.4	73.4
63	17.0	5.0	10.4#

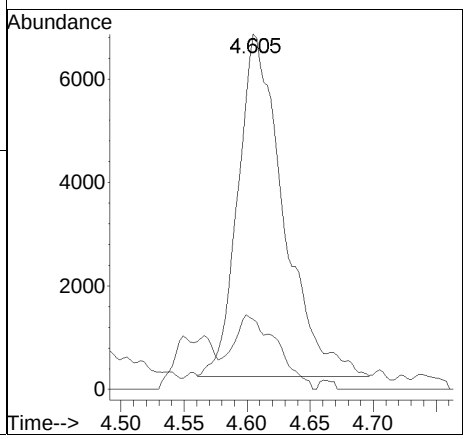


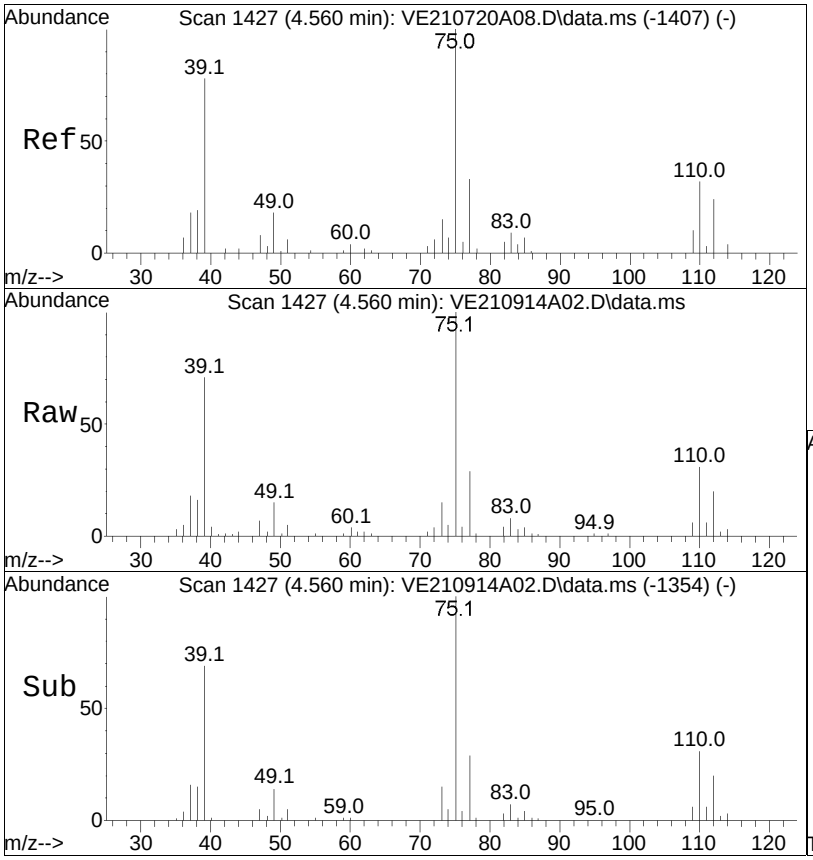


#39
2-Butanone
Concen: 8.01 ug/L M1
RT: 4.605 min Scan# 1443
Delta R.T. -0.008 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion: 43 Resp: 16607

Ion	Ratio	Lower	Upper
43	100		
72	21.0	10.9	16.3#

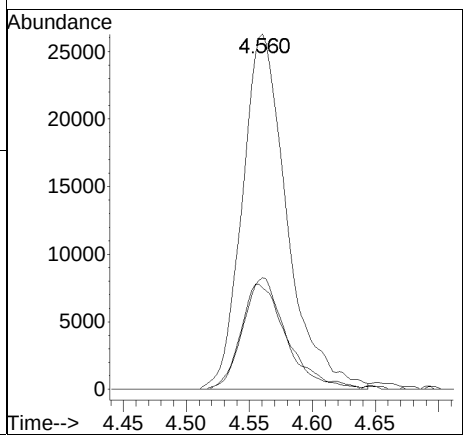


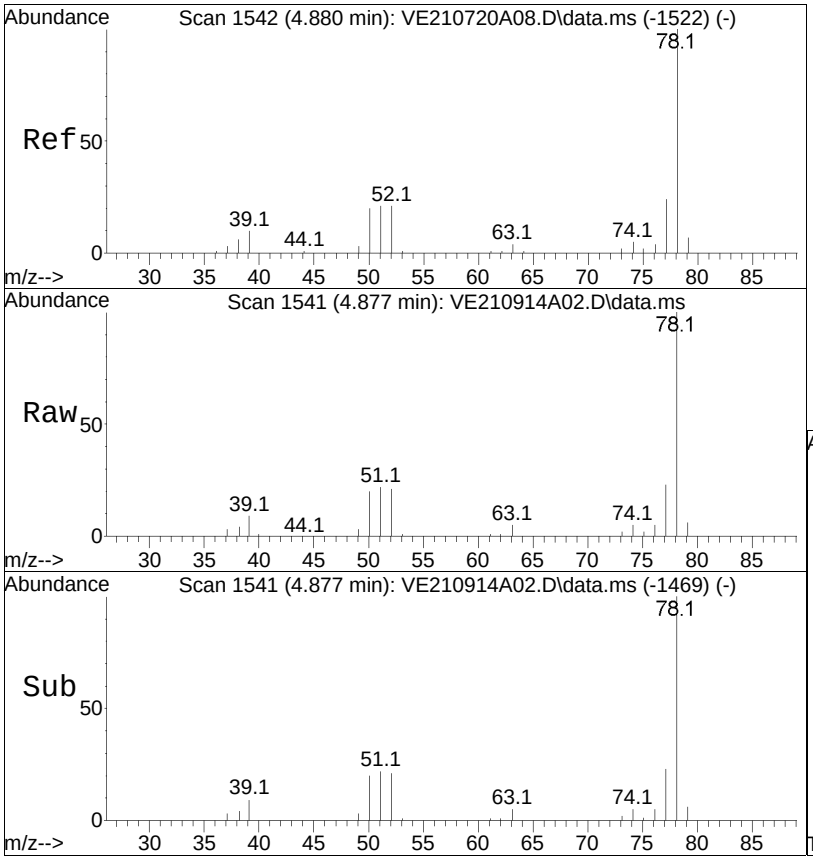


#40
1,1-Dichloropropene
Concen: 10.01 ug/L
RT: 4.560 min Scan# 1427
Delta R.T. 0.002 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion: 75 Resp: 65003

Ion	Ratio	Lower	Upper
75	100		
110	30.7	20.2	41.9
77	29.8	20.1	41.7

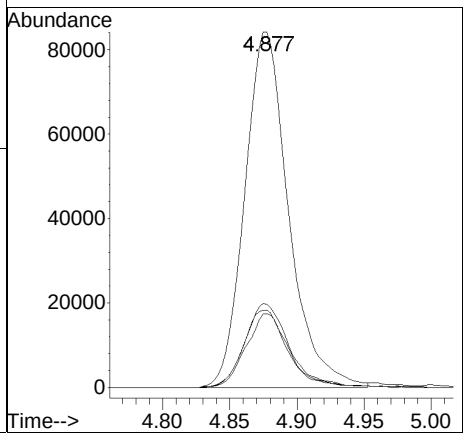


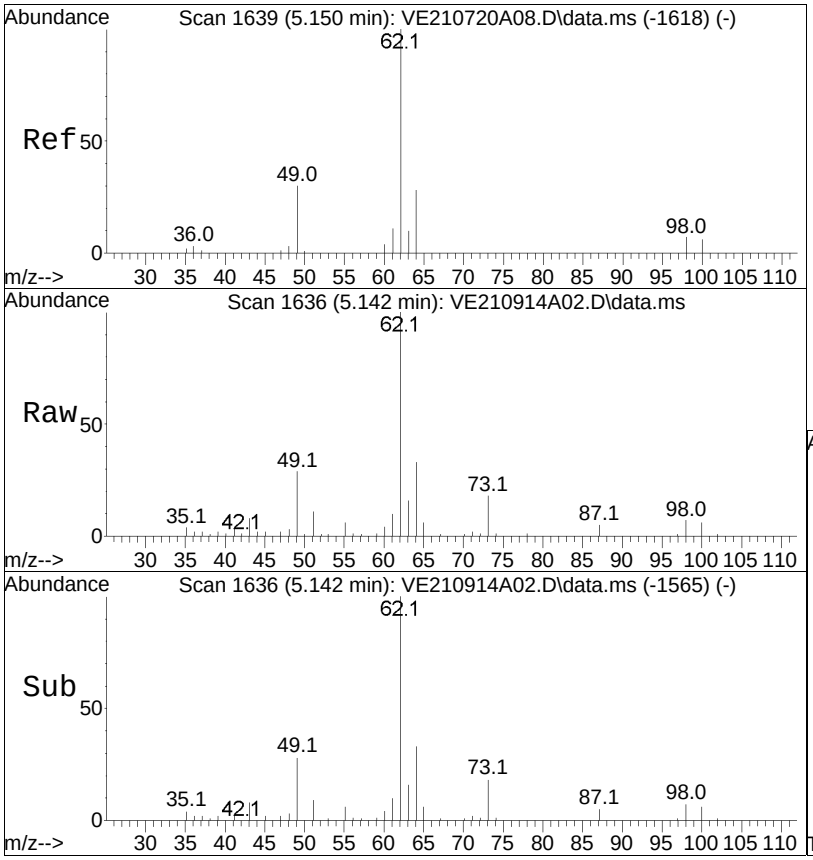


#41
Benzene
Concen: 9.52 ug/L
RT: 4.877 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion: 78 Resp: 191405

Ion	Ratio	Lower	Upper
78	100		
77	23.9	15.7	32.7
51	22.0	16.0	33.2
52	20.0	15.3	31.9

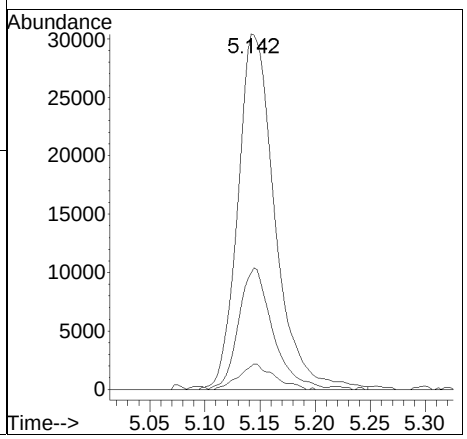


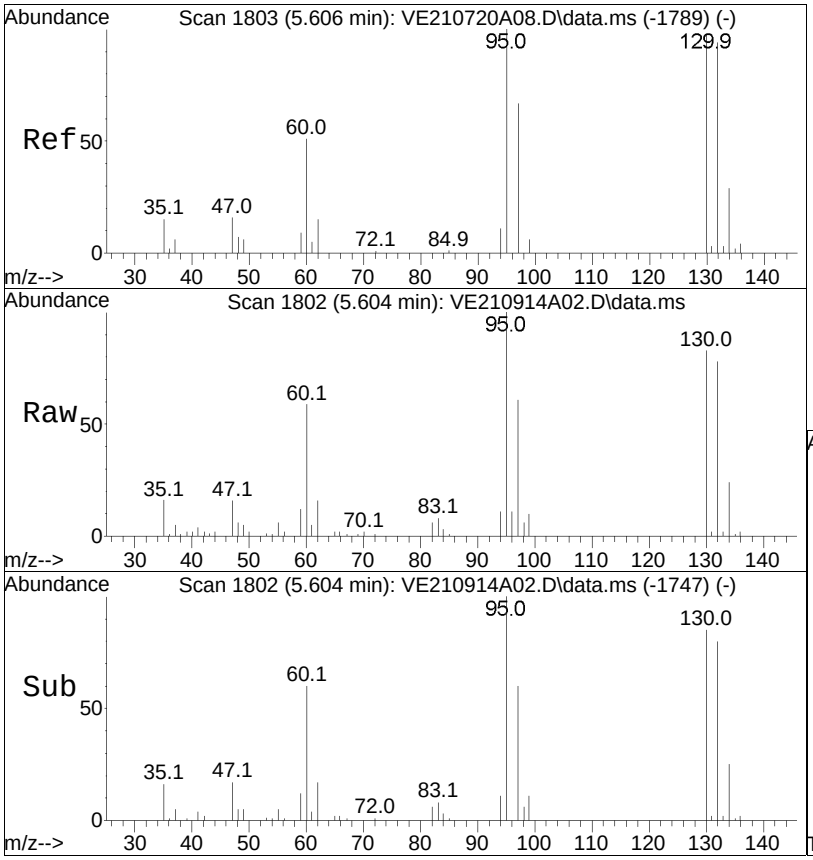


#44
1,2-Dichloroethane
Concen: 8.63 ug/L
RT: 5.142 min Scan# 1636
Delta R.T. -0.003 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion: 62 Resp: 71033

Ion	Ratio	Lower	Upper
62	100		
64	31.5	11.2	51.2
98	6.8	0.0	26.1

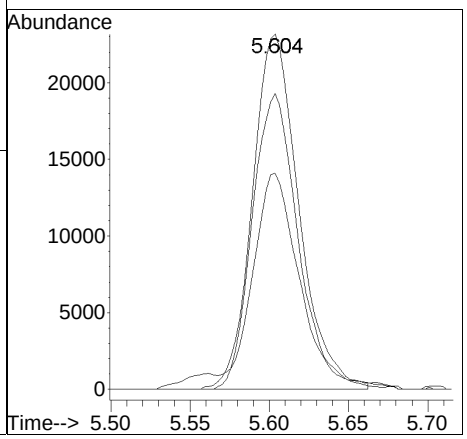


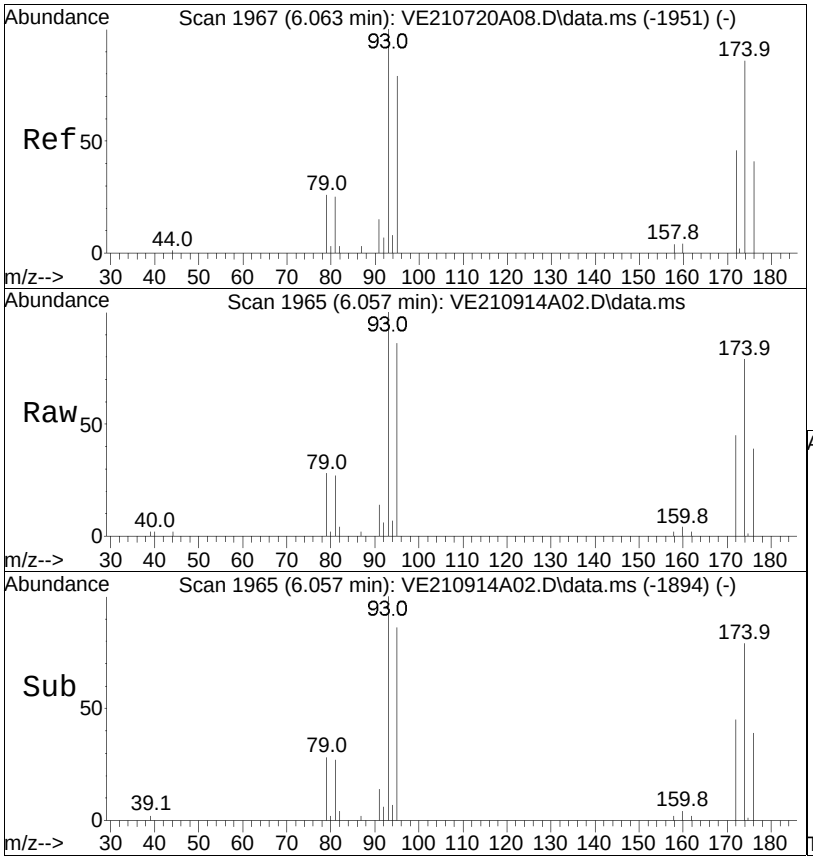


#48
Trichloroethene
Concen: 9.65 ug/L
RT: 5.604 min Scan# 1802
Delta R.T. 0.003 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion: 95 Resp: 47384

Ion	Ratio	Lower	Upper
95	100		
97	59.9	55.5	83.3
130	83.0	76.6	115.0

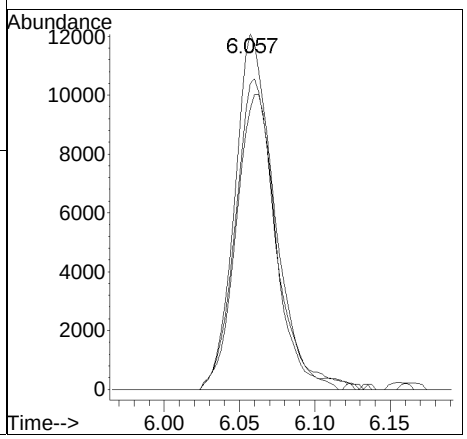


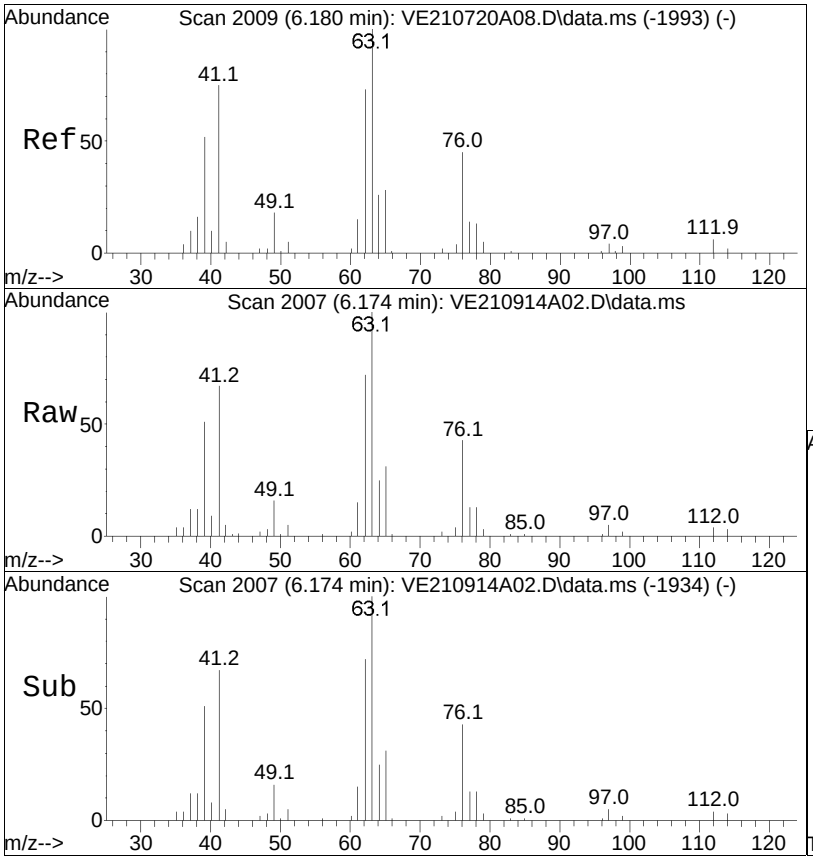


#50
Dibromomethane
Concen: 7.93 ug/L
RT: 6.057 min Scan# 1965
Delta R.T. -0.003 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion: 93 Resp: 22385

Ion	Ratio	Lower	Upper
93	100		
95	85.4	67.0	100.4
174	83.4	75.0	112.4

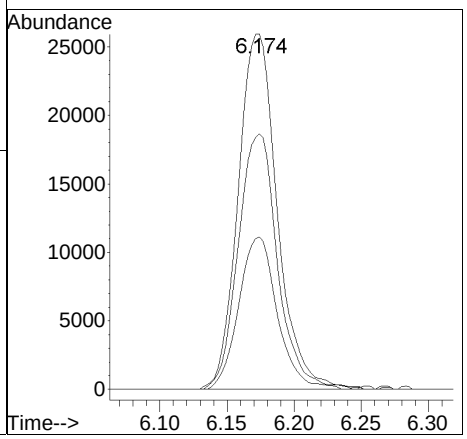


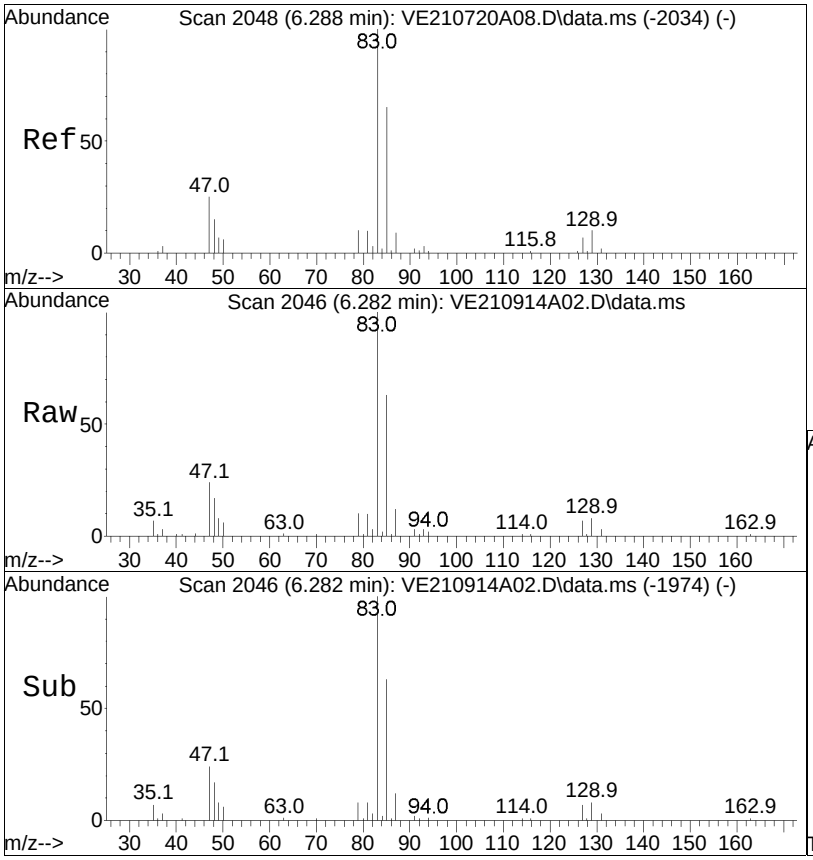


#51
1,2-Dichloropropane
Concen: 9.16 ug/L
RT: 6.174 min Scan# 2007
Delta R.T. 0.003 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion: 63 Resp: 52788

Ion	Ratio	Lower	Upper
63	100		
62	72.1	58.6	87.8
76	42.2	38.0	57.0

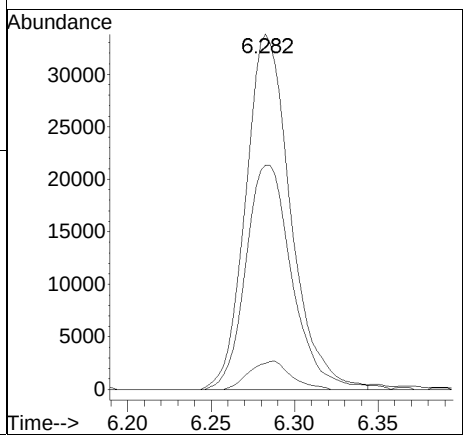


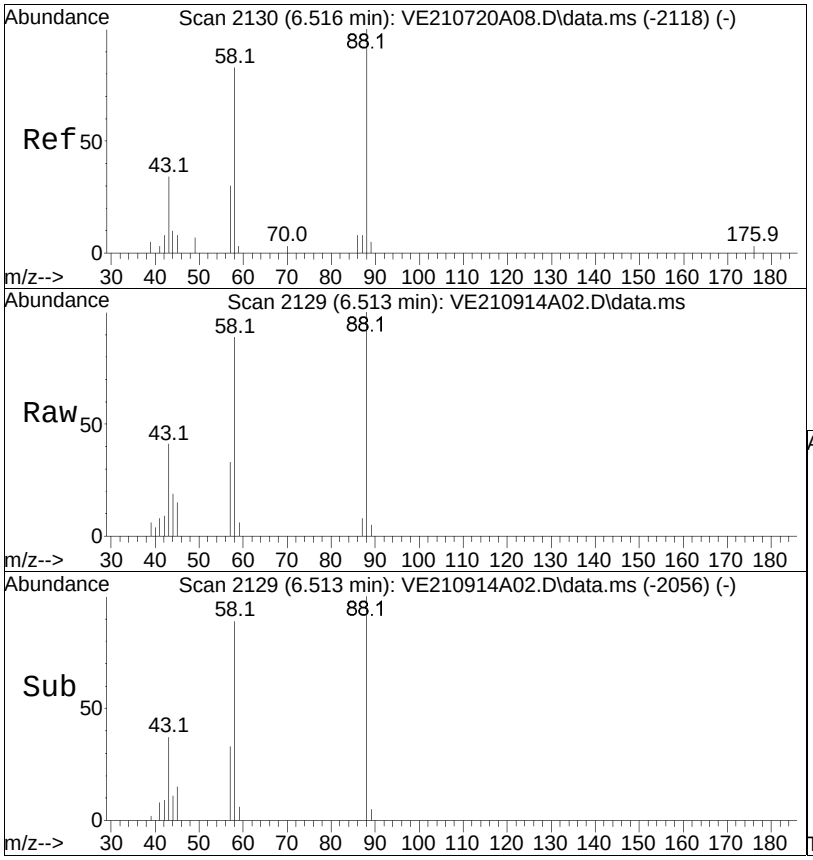


#54
Bromodichloromethane
Concen: 8.75 ug/L
RT: 6.282 min Scan# 2046
Delta R.T. 0.000 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion: 83 Resp: 63252

Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.3	78.5
127	7.4	6.2	9.4

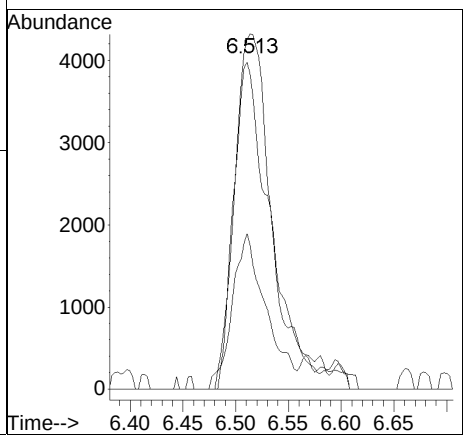


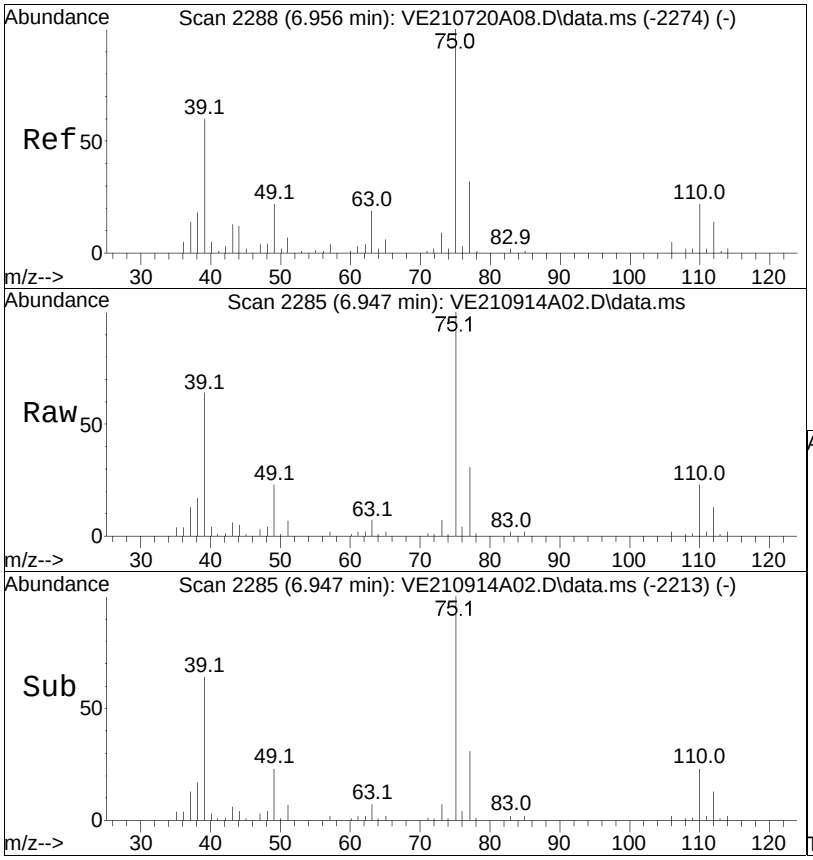


#57
1,4-Dioxane
Concen: 311.95 ug/L M1
RT: 6.513 min Scan# 2129
Delta R.T. 0.002 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion: 88 Resp: 11048

Ion	Ratio	Lower	Upper
88	100		
58	85.5	76.7	115.1
43	38.4	36.2	54.2

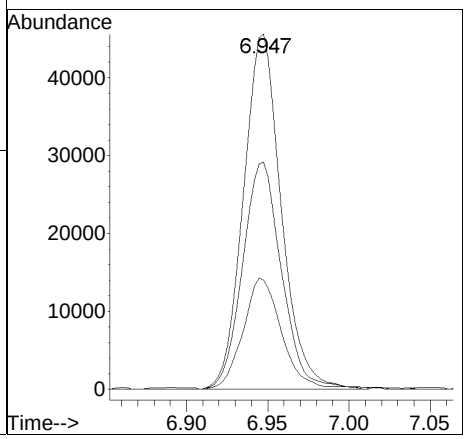


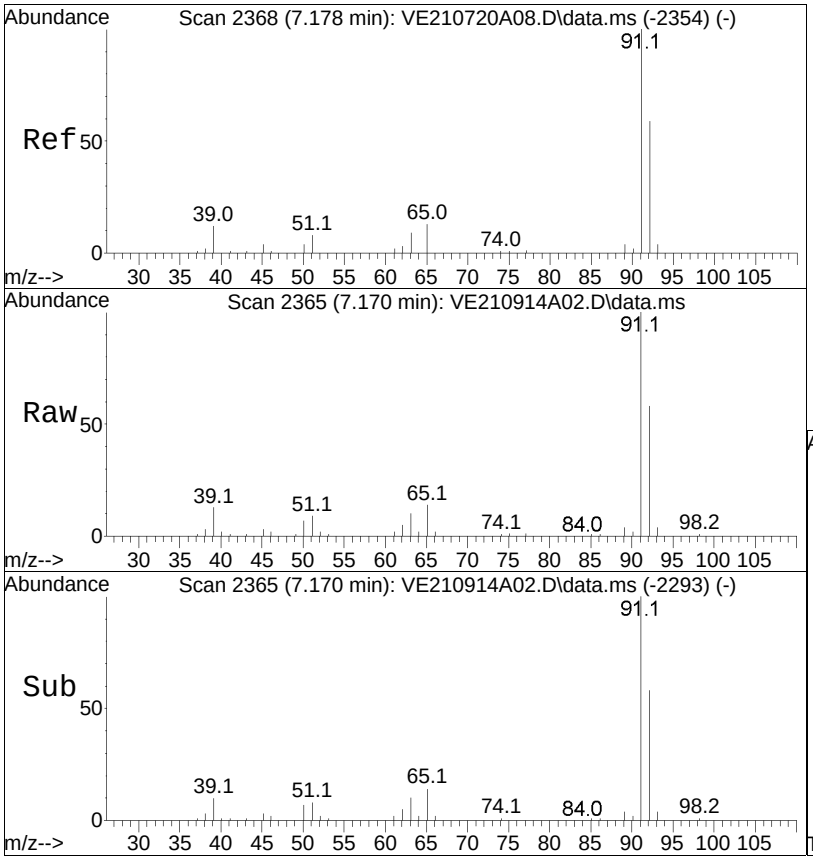


#58
cis-1,3-Dichloropropene
Concen: 9.12 ug/L
RT: 6.947 min Scan# 2285
Delta R.T. 0.000 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion: 75 Resp: 74115

Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.0	37.4
39	66.3	50.1	75.1

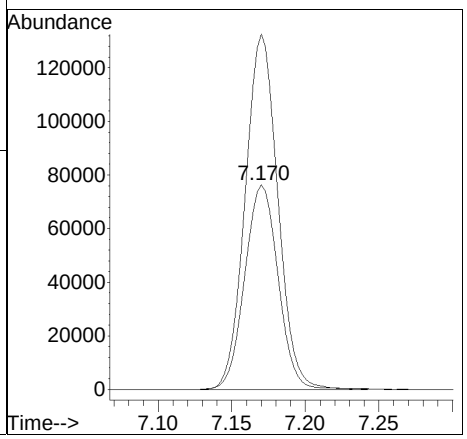


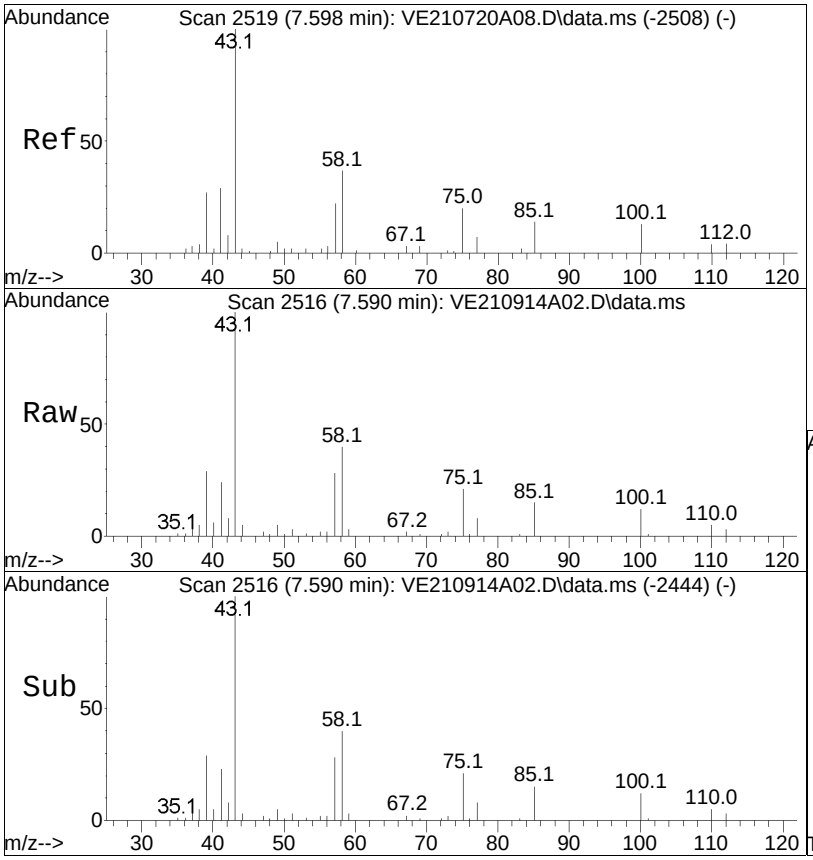


#61
Toluene
Concen: 9.67 ug/L
RT: 7.170 min Scan# 2365
Delta R.T. 0.000 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion: 92 Resp: 120313

Ion	Ratio	Lower	Upper
92	100		
91	169.9	139.8	209.6

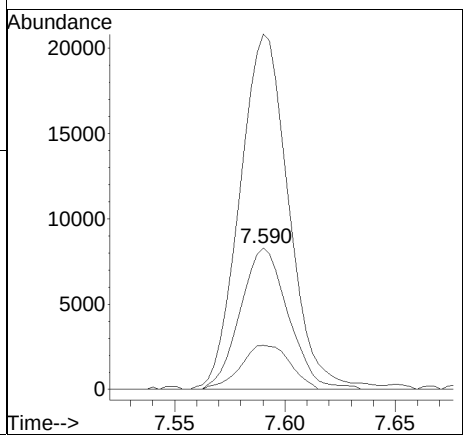


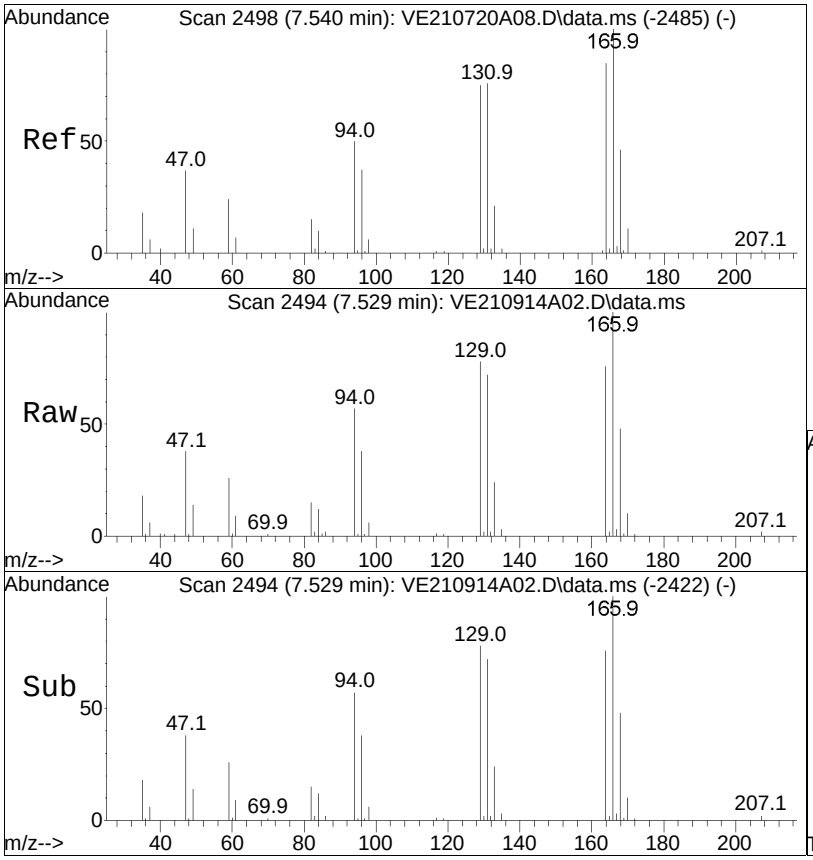


#62
4-Methyl-2-pentanone
Concen: 7.21 ug/L
RT: 7.590 min Scan# 2516
Delta R.T. 0.000 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion: 58 Resp: 12578

Ion	Ratio	Lower	Upper
58	100		
100	32.2	20.2	30.2#
43	255.3	196.6	295.0

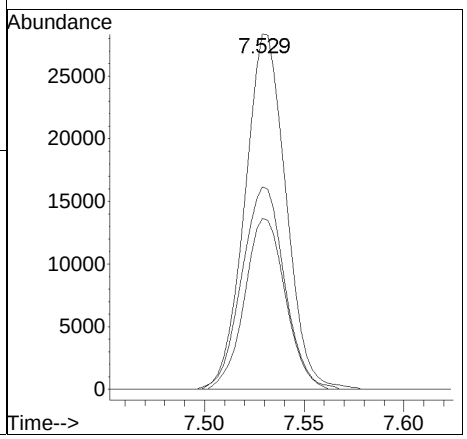


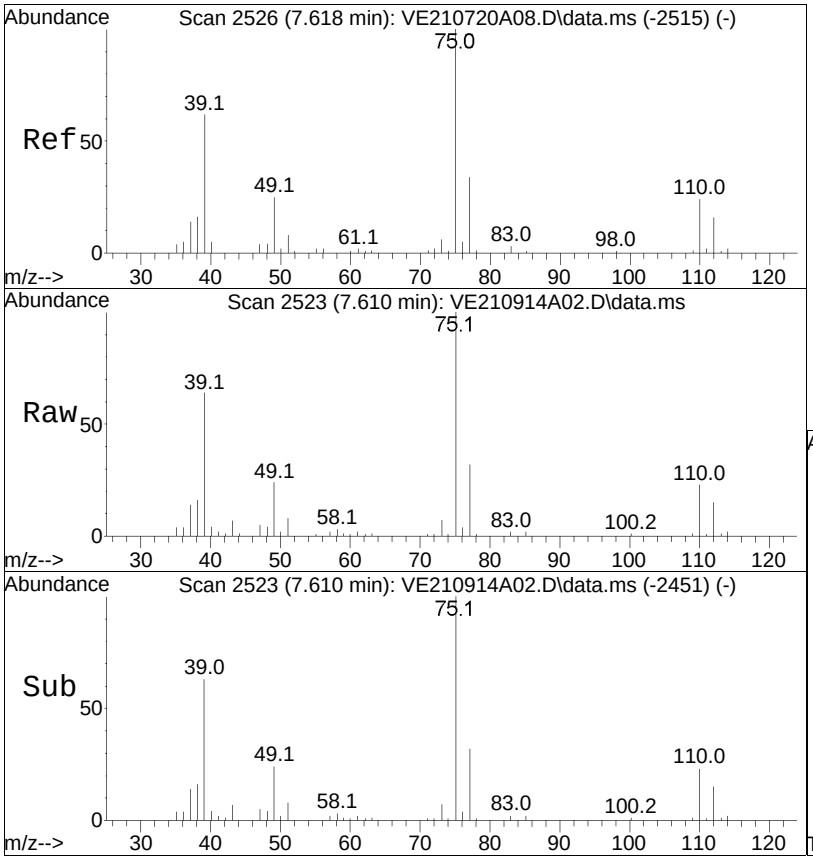


#63
Tetrachloroethene
Concen: 9.78 ug/L
RT: 7.529 min Scan# 2494
Delta R.T. -0.000 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion:166 Resp: 40667

Ion	Ratio	Lower	Upper
166	100		
168	47.9	28.2	68.2
94	59.4	38.4	78.4

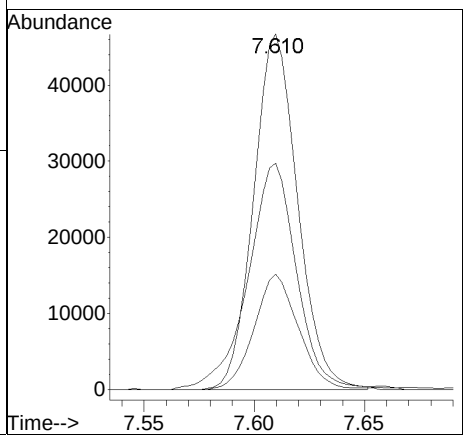


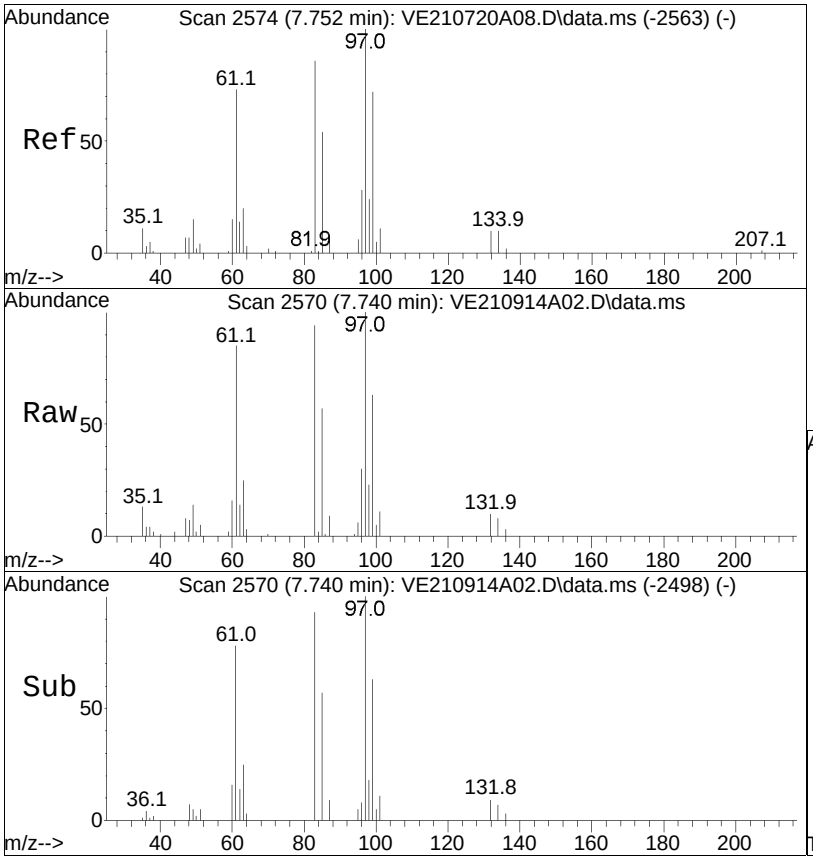


#65
trans-1,3-Dichloropropene
Concen: 8.99 ug/L
RT: 7.610 min Scan# 2523
Delta R.T. -0.000 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion: 75 Resp: 64884

Ion	Ratio	Lower	Upper
75	100		
77	32.7	12.4	52.4
39	70.0	42.8	82.8

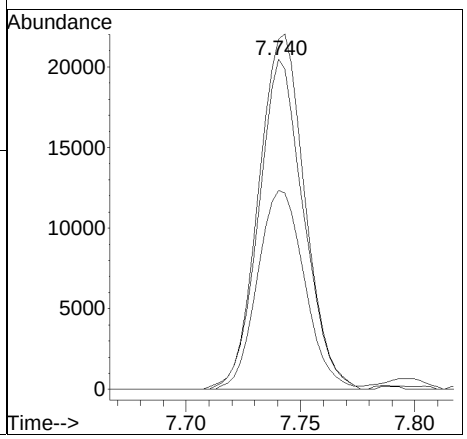


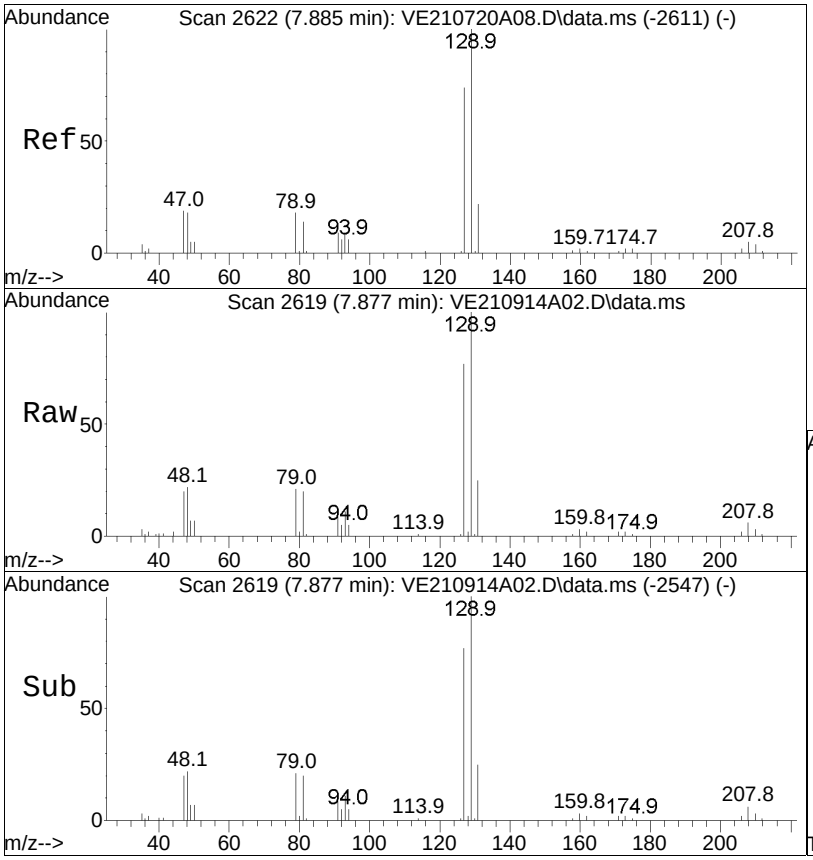


#68
1,1,2-Trichloroethane
Concen: 8.59 ug/L
RT: 7.740 min Scan# 2570
Delta R.T. 0.000 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion: 83 Resp: 28042

Ion	Ratio	Lower	Upper
83	100		
97	110.7	89.8	129.8
85	63.0	44.4	84.4

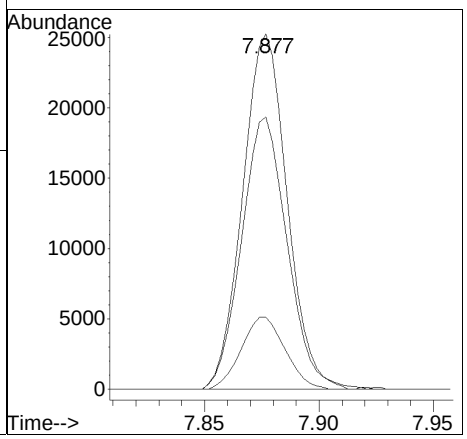


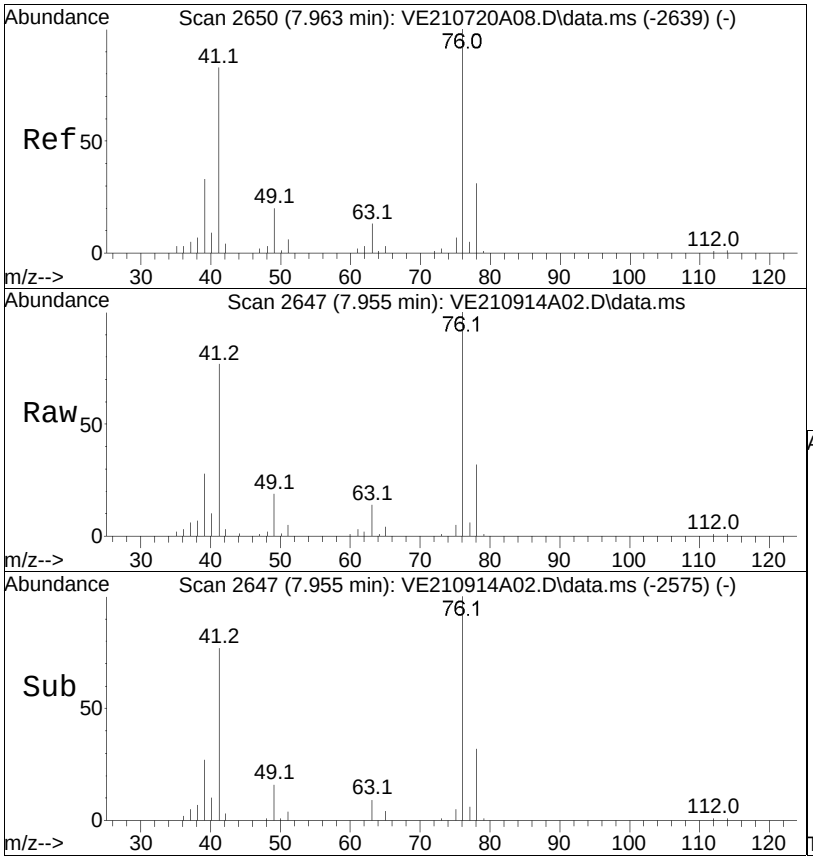


#69
Chlorodibromomethane
Concen: 8.38 ug/L
RT: 7.877 min Scan# 2619
Delta R.T. -0.000 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion:129 Resp: 34257

Ion	Ratio	Lower	Upper
129	100		
81	20.0	2.9	42.9
127	78.1	57.8	97.8

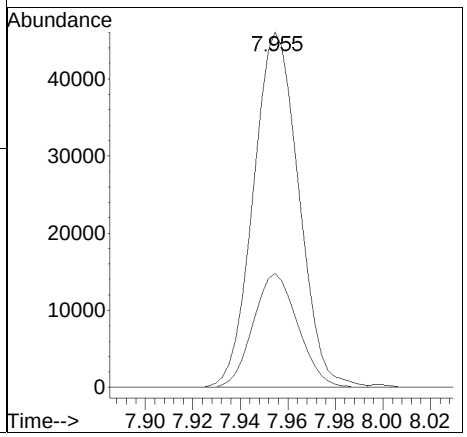


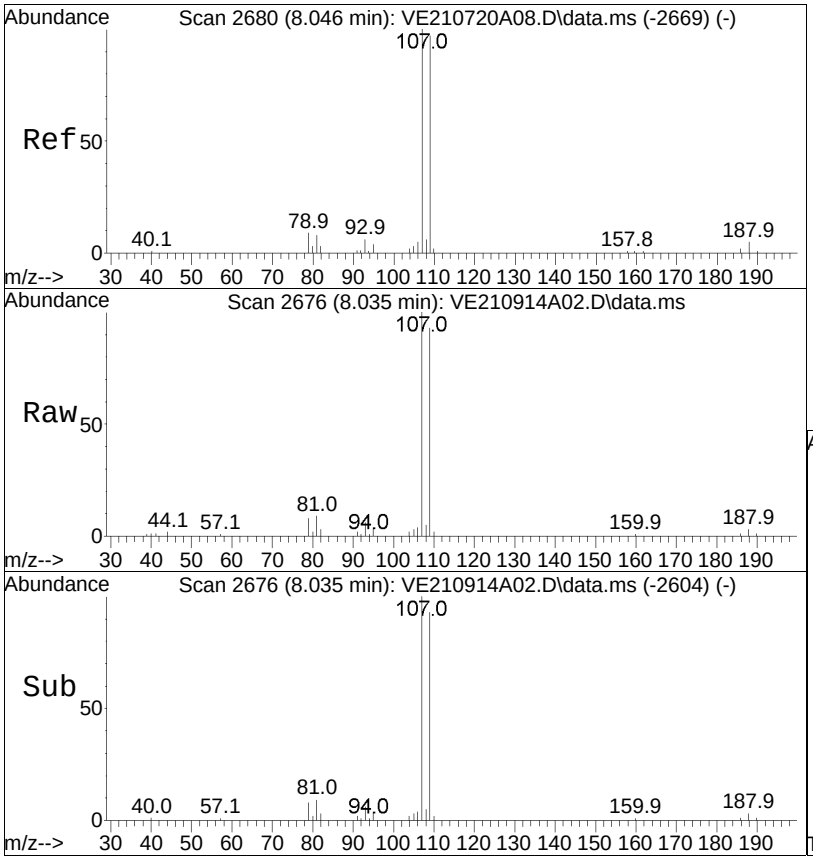


#70
1,3-Dichloropropane
Concen: 8.29 ug/L
RT: 7.955 min Scan# 2647
Delta R.T. -0.000 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion: 76 Resp: 61155

Ion	Ratio	Lower	Upper
76	100		
78	31.5	25.5	38.3

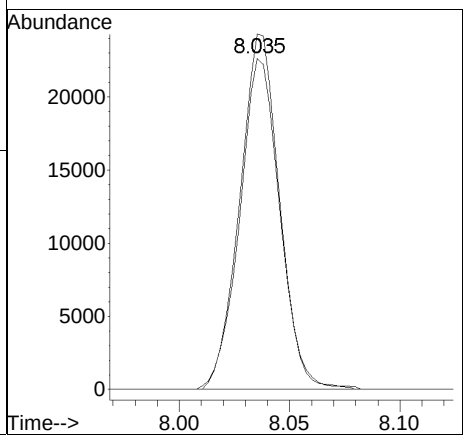


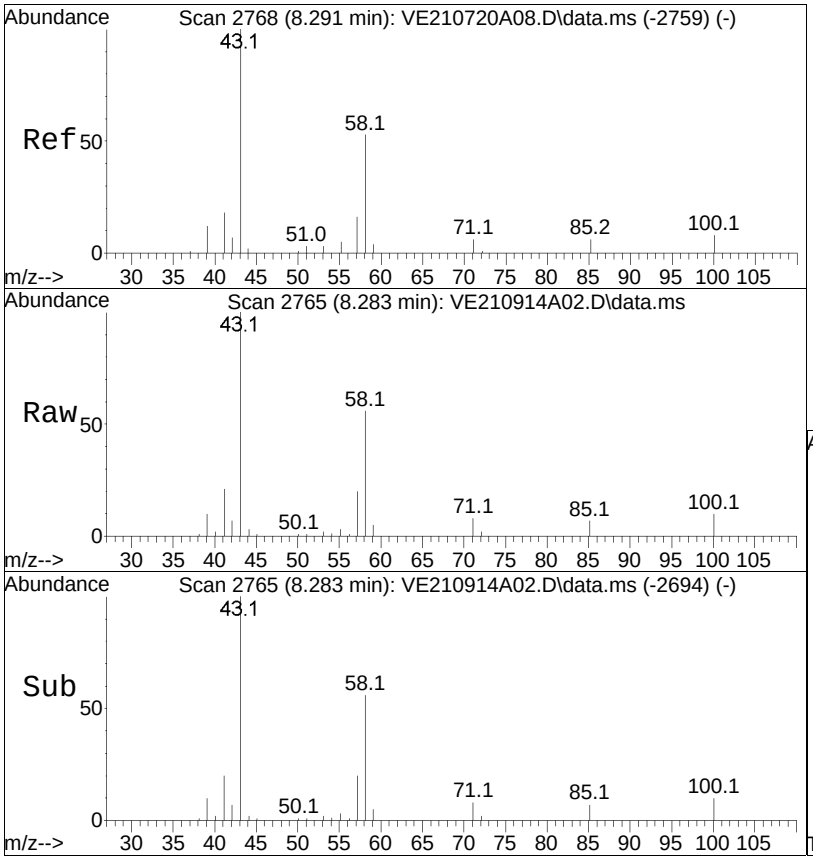


#71
1,2-Dibromoethane
Concen: 8.40 ug/L
RT: 8.035 min Scan# 2676
Delta R.T. 0.000 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion:107 Resp: 30587

Ion	Ratio	Lower	Upper
107	100		
109	93.7	74.3	111.5

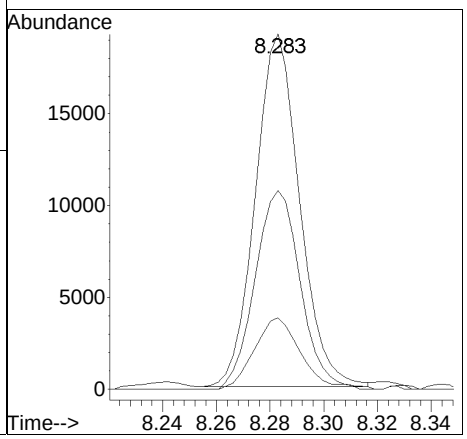


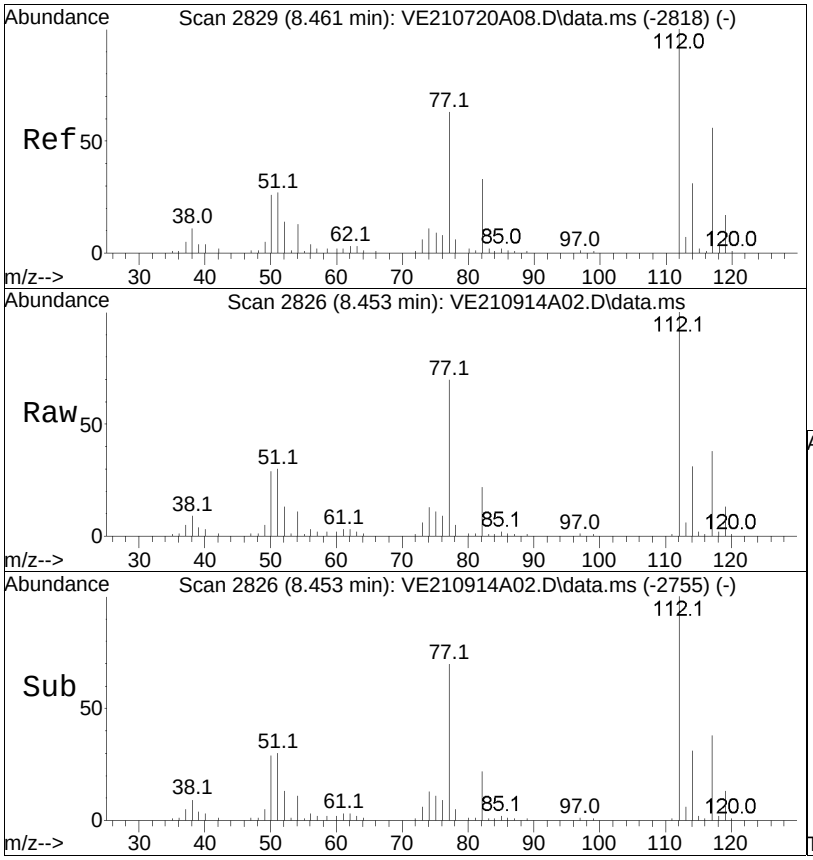


#72
2-Hexanone
Concen: 6.73 ug/L
RT: 8.283 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion: 43 Resp: 22010

Ion	Ratio	Lower	Upper
43	100		
58	57.8	41.2	61.8
57	21.2	17.2	25.8

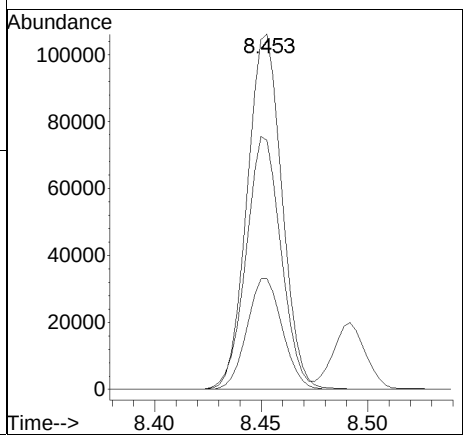


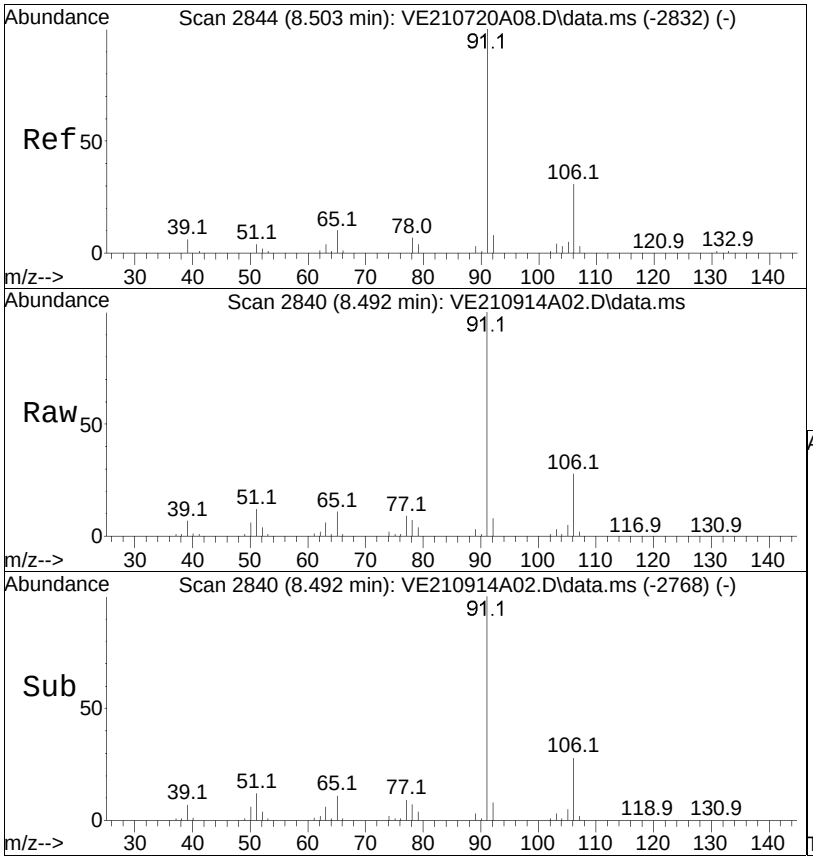


#73
Chlorobenzene
Concen: 9.80 ug/L
RT: 8.453 min Scan# 2826
Delta R.T. -0.000 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion:112 Resp: 120524

Ion	Ratio	Lower	Upper
112	100		
77	71.8	55.4	83.0
114	31.7	25.4	38.2

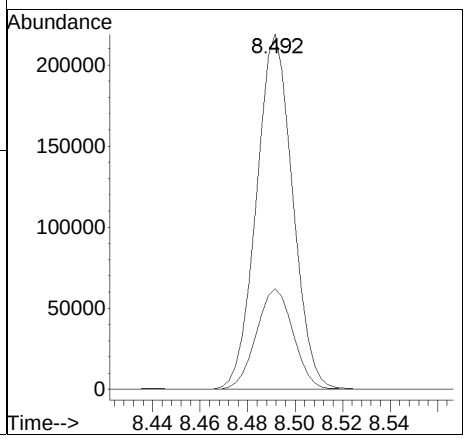


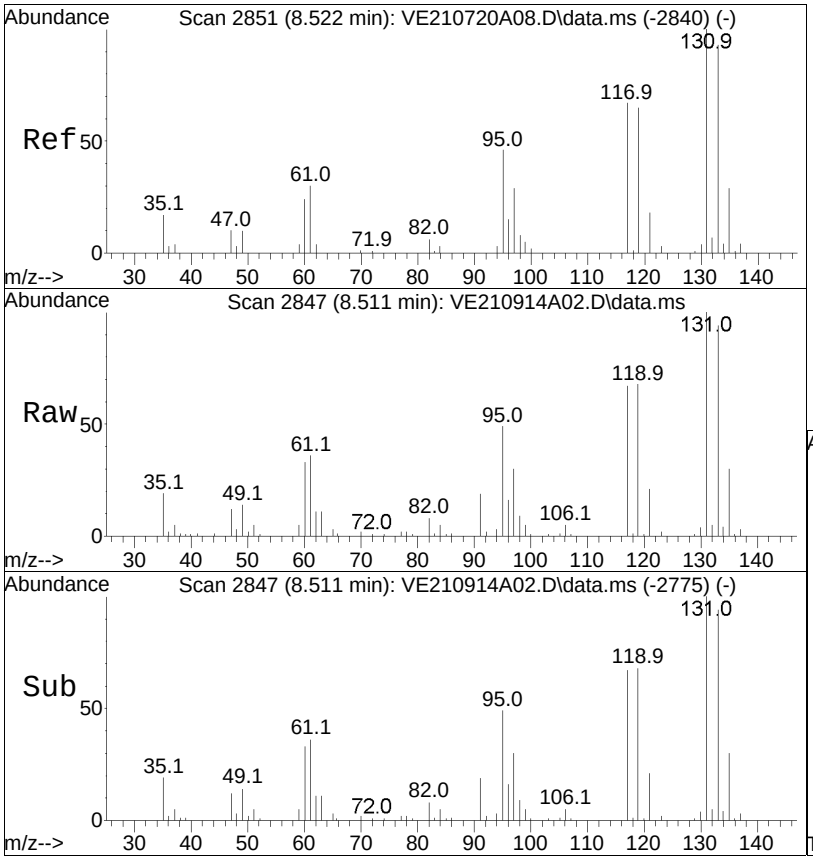


#74
Ethylbenzene
Concen: 10.00 ug/L
RT: 8.492 min Scan# 2840
Delta R.T. -0.000 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion: 91 Resp: 231855

Ion	Ratio	Lower	Upper
91	100		
106	28.9	24.3	36.5

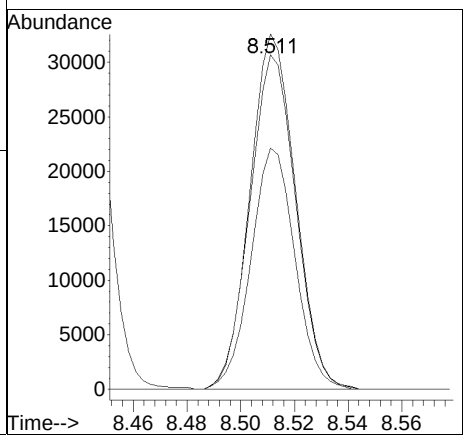


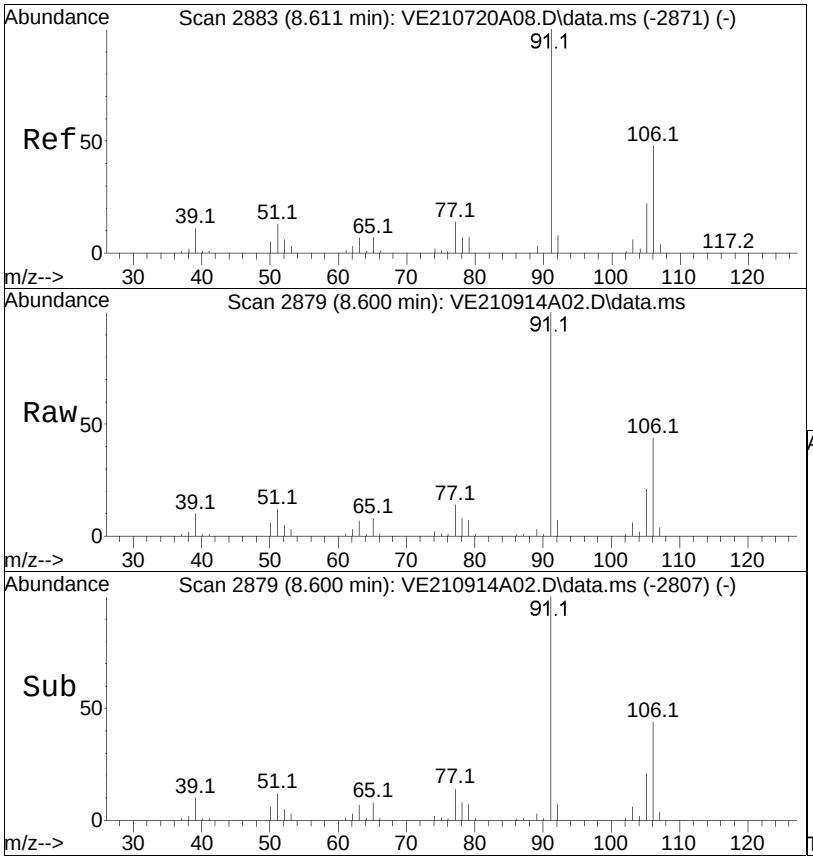


#75
1,1,1,2-Tetrachloroethane
Concen: 8.98 ug/L
RT: 8.511 min Scan# 2847
Delta R.T. 0.000 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion:131 Resp: 38539

Ion	Ratio	Lower	Upper
131	100		
133	94.9	81.0	121.0
119	65.4	41.3	81.3

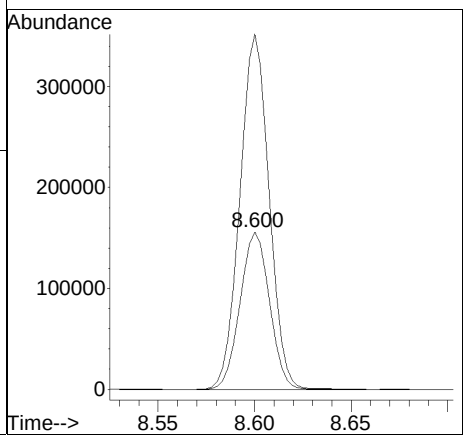


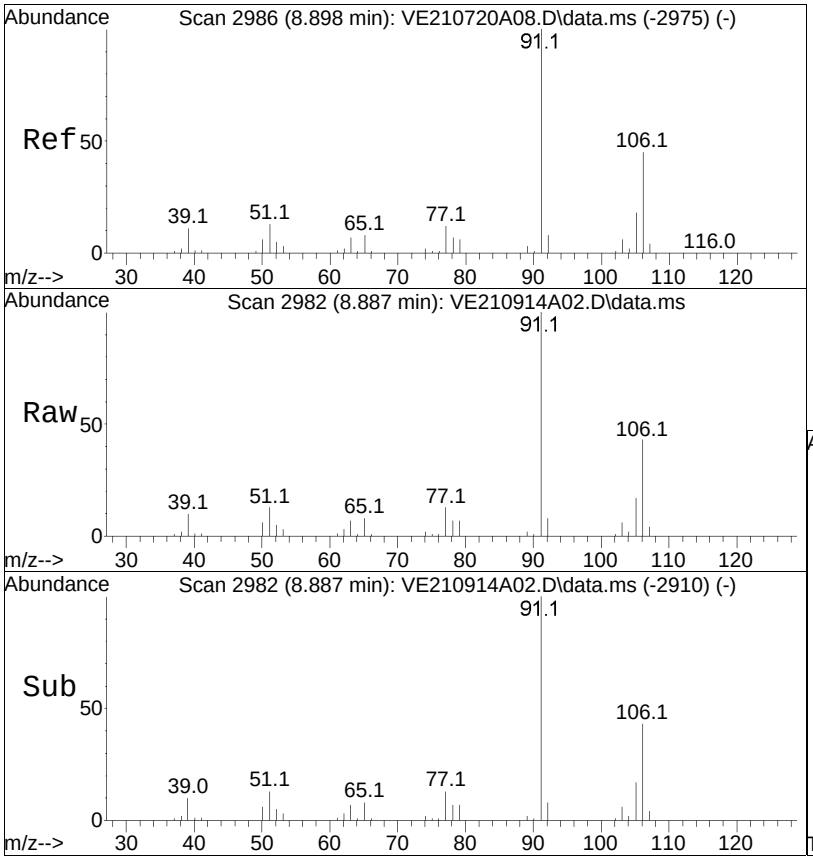


#76
p/m Xylene
Concen: 20.08 ug/L
RT: 8.600 min Scan# 2879
Delta R.T. 0.000 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion:106 Resp: 165339

Ion	Ratio	Lower	Upper
106	100		
91	223.8	166.4	249.6

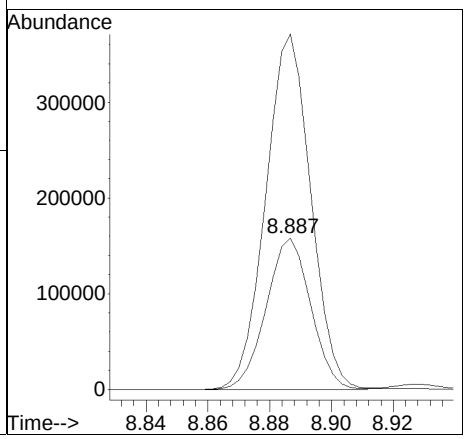


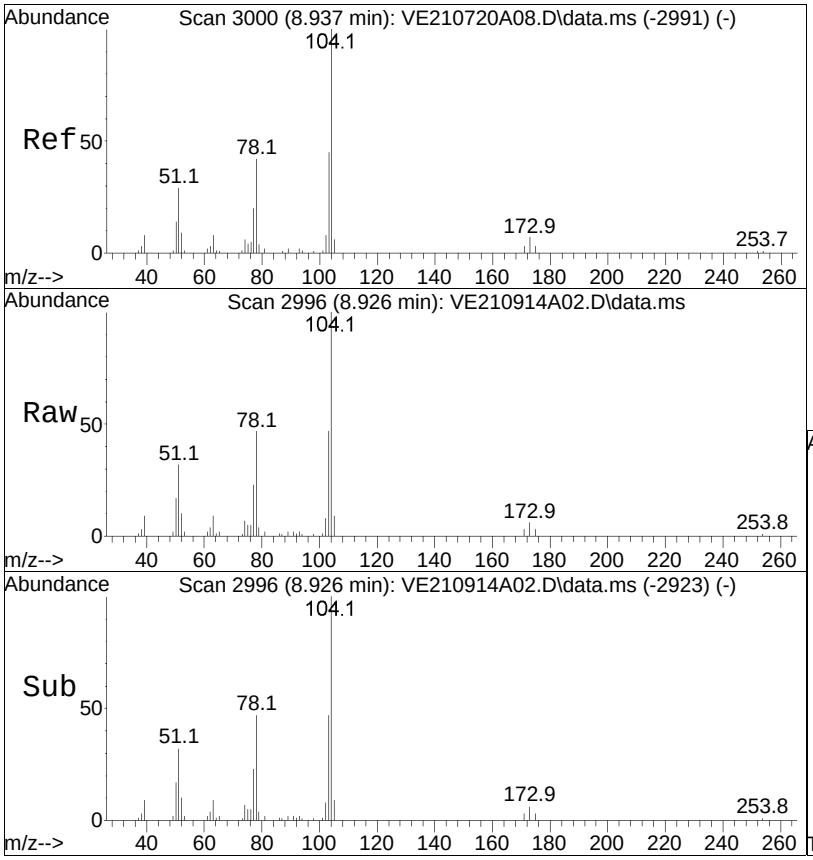


#77
o Xylene
Concen: 20.11 ug/L
RT: 8.887 min Scan# 2982
Delta R.T. -0.000 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion:106 Resp: 158364

Ion	Ratio	Lower	Upper
106	100		
91	237.1	182.6	273.8

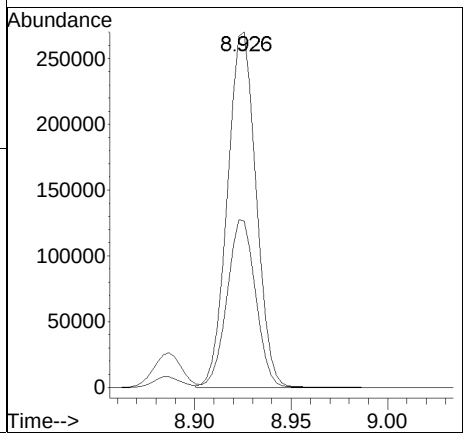


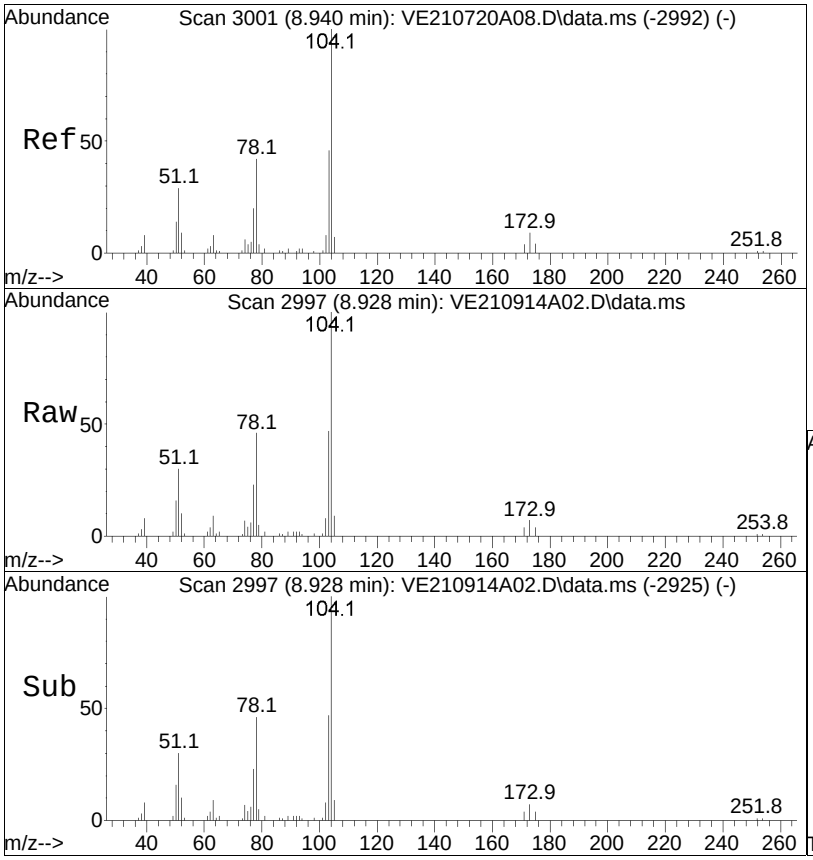


#78
Styrene
Concen: 20.17 ug/L
RT: 8.926 min Scan# 2996
Delta R.T. 0.003 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion:104 Resp: 279488

Ion	Ratio	Lower	Upper
104	100		
78	46.9	39.8	59.6

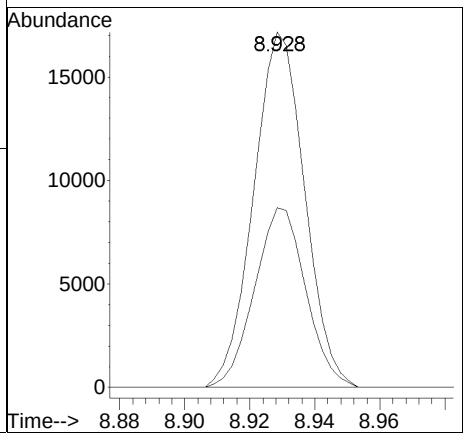


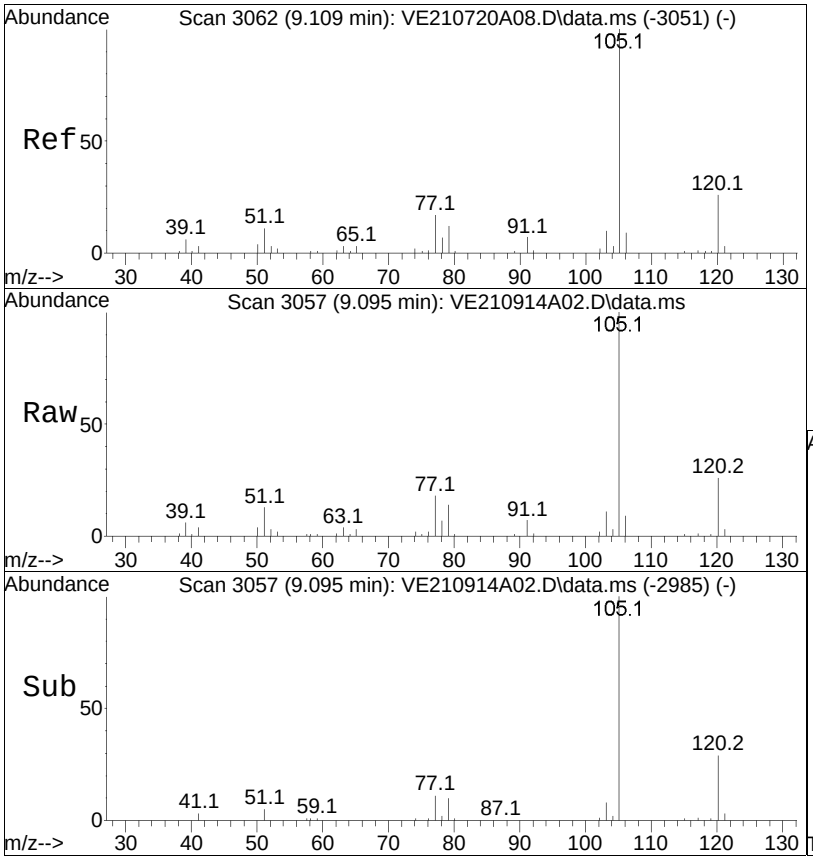


#80
Bromoform
Concen: 7.99 ug/L
RT: 8.928 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion:173 Resp: 18739

Ion	Ratio	Lower	Upper
173	100		
175	50.7	31.5	71.5

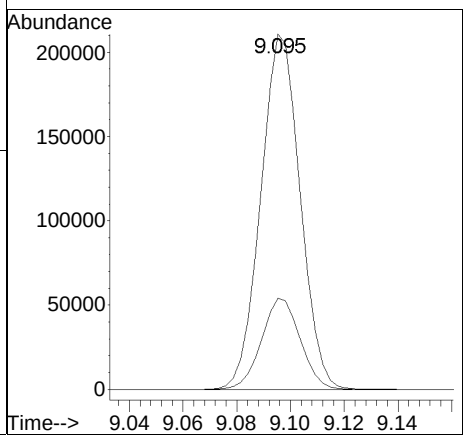


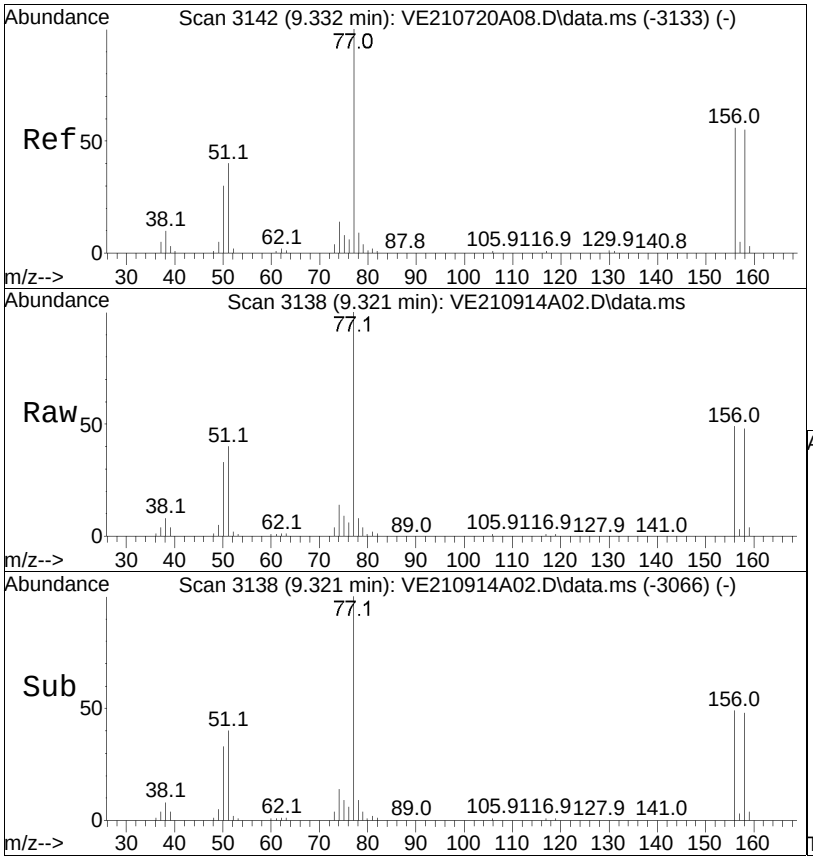


#82
Isopropylbenzene
Concen: 10.08 ug/L
RT: 9.095 min Scan# 3057
Delta R.T. 0.000 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion:105 Resp: 214575

Ion	Ratio	Lower	Upper
105	100		
120	25.2	4.8	44.8

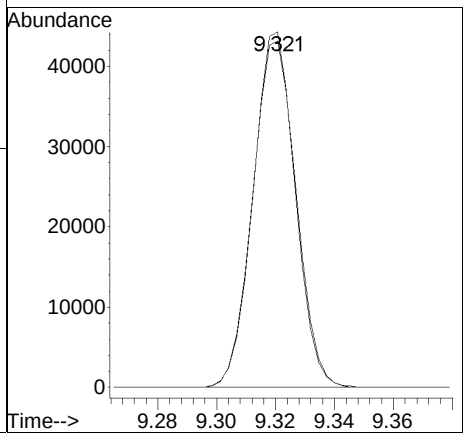


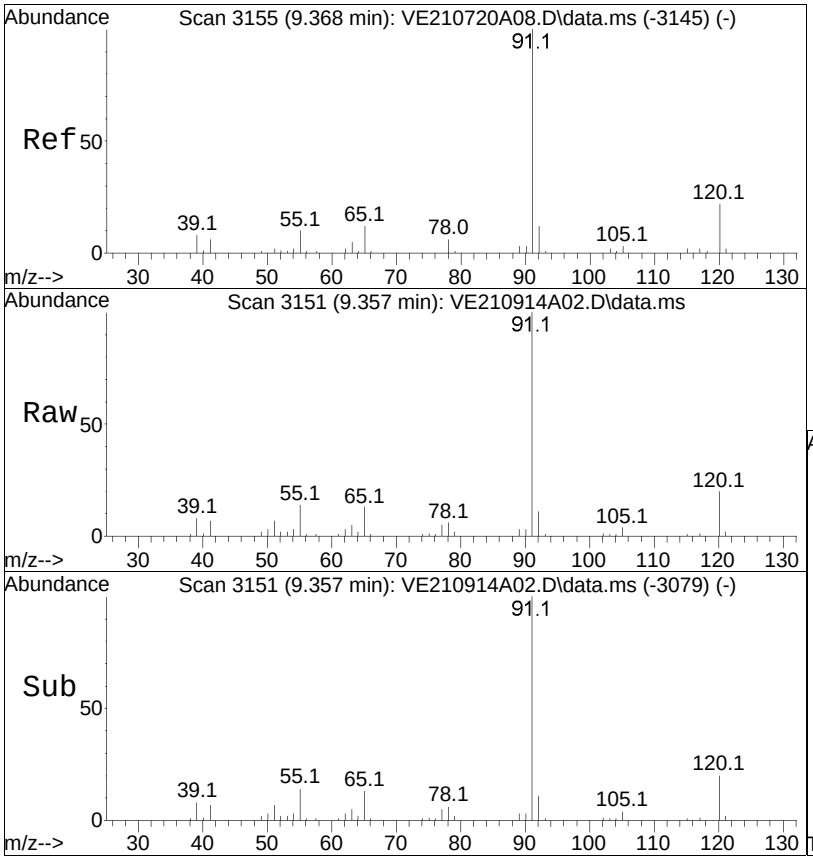


#84
Bromobenzene
Concen: 9.40 ug/L
RT: 9.321 min Scan# 3138
Delta R.T. -0.000 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion:156 Resp: 43866

Ion	Ratio	Lower	Upper
156	100		
158	100.6	75.9	113.9

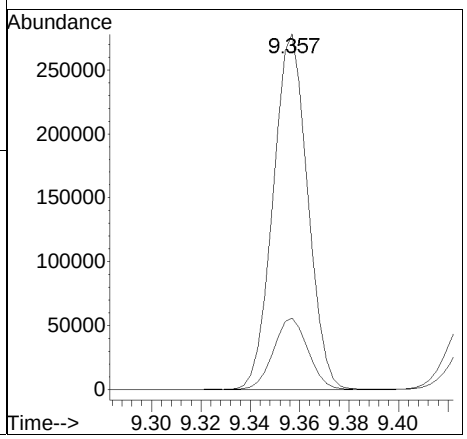


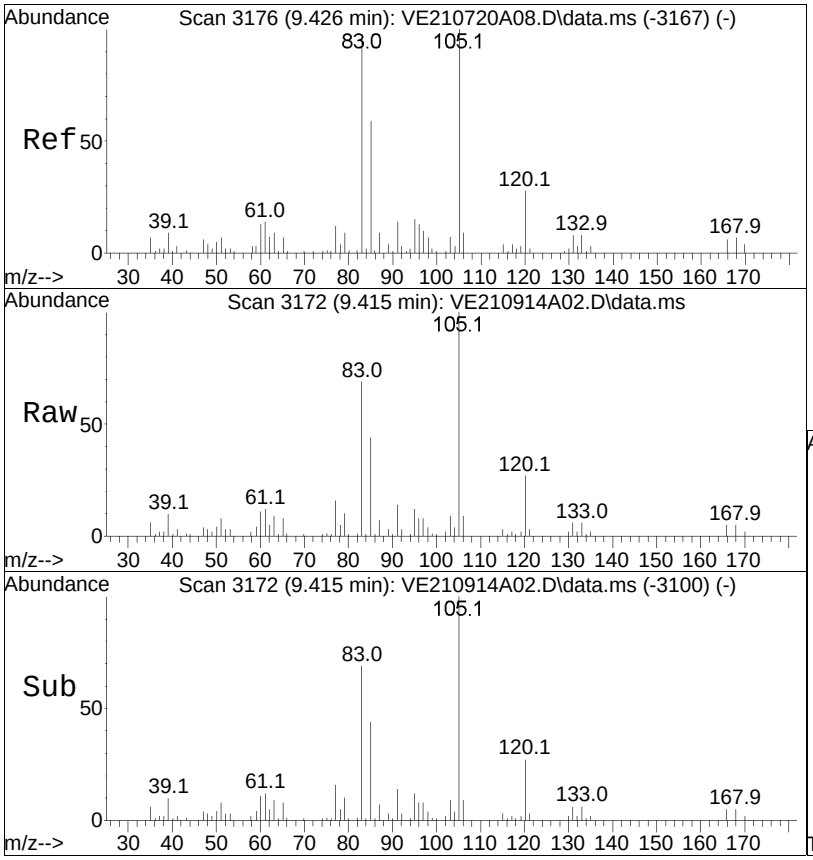


#85
n-Propylbenzene
Concen: 10.56 ug/L
RT: 9.357 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion: 91 Resp: 269745

Ion	Ratio	Lower	Upper
91	100		
120	20.0	17.0	25.6

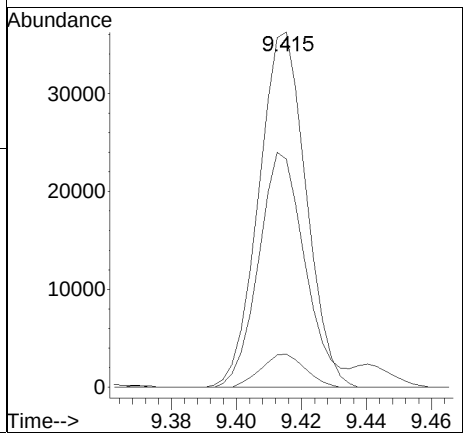


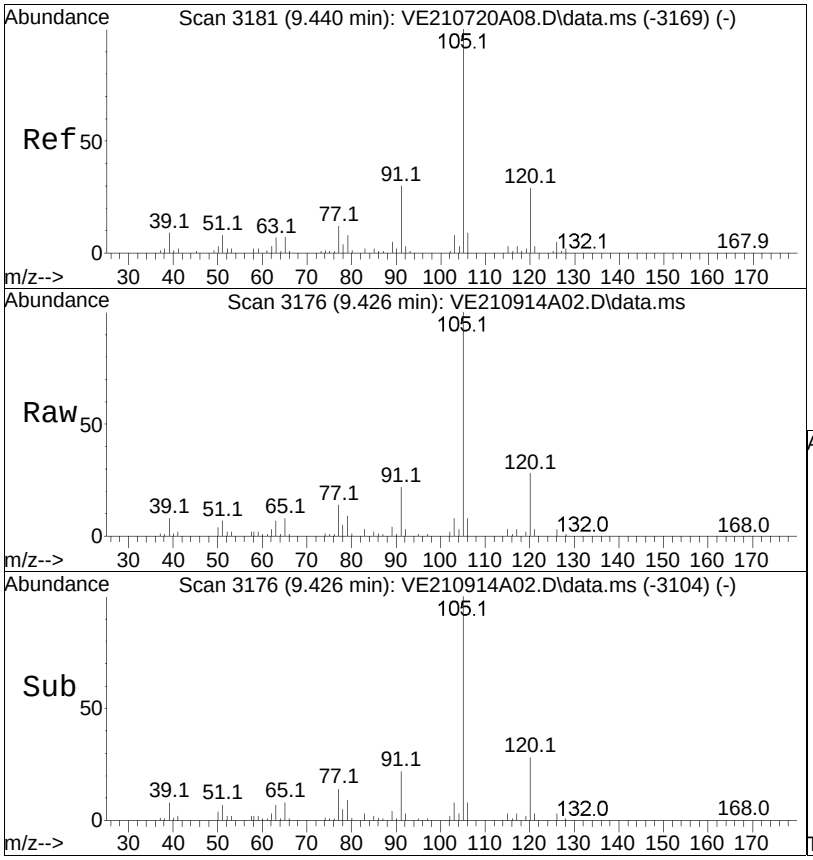


#87
1,1,2,2-Tetrachloroethane
Concen: 8.48 ug/L
RT: 9.415 min Scan# 3172
Delta R.T. 0.000 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion: 83 Resp: 36683

Ion	Ratio	Lower	Upper
83	100		
131	8.8	0.0	30.4
85	65.8	45.4	85.4

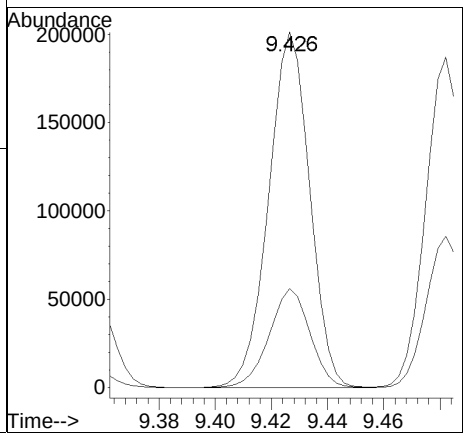


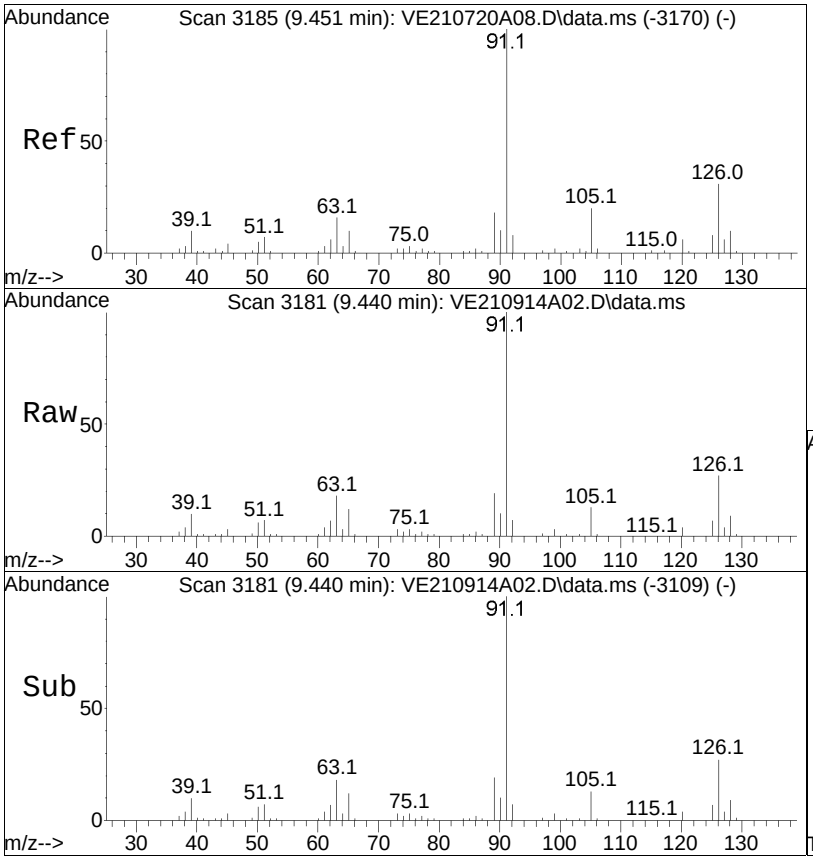


#88
4-Ethyltoluene
Concen: 10.18 ug/L
RT: 9.426 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion:105 Resp: 204328

Ion	Ratio	Lower	Upper
105	100		
120	27.5	18.1	37.7

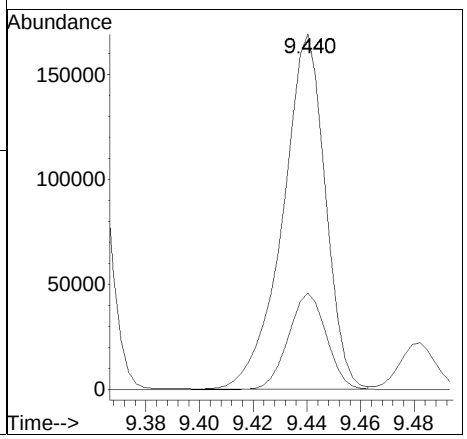


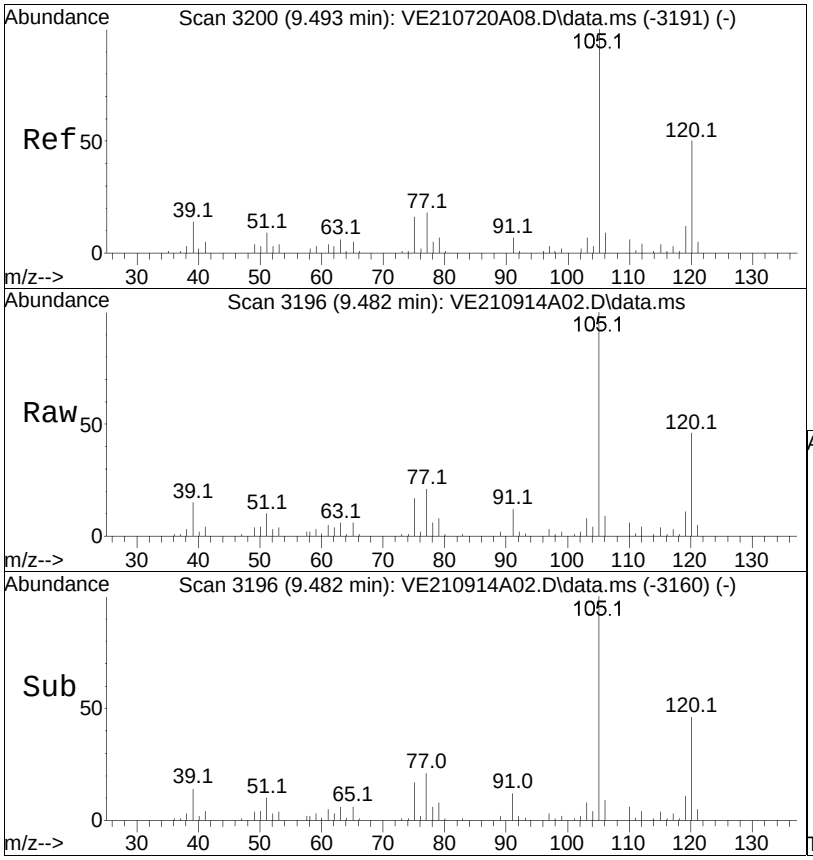


#89
2-Chlorotoluene
Concen: 10.02 ug/L
RT: 9.440 min Scan# 3181
Delta R.T. 0.000 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion: 91 Resp: 186021

Ion	Ratio	Lower	Upper
91	100		
126	24.1	21.5	32.3

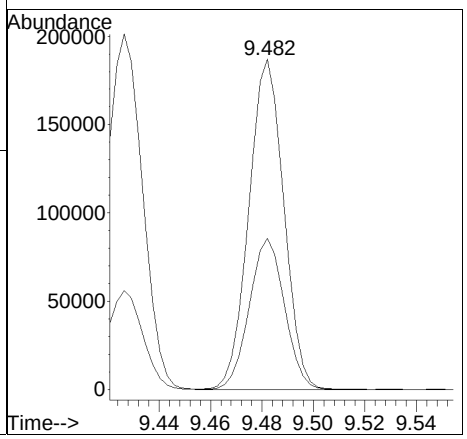


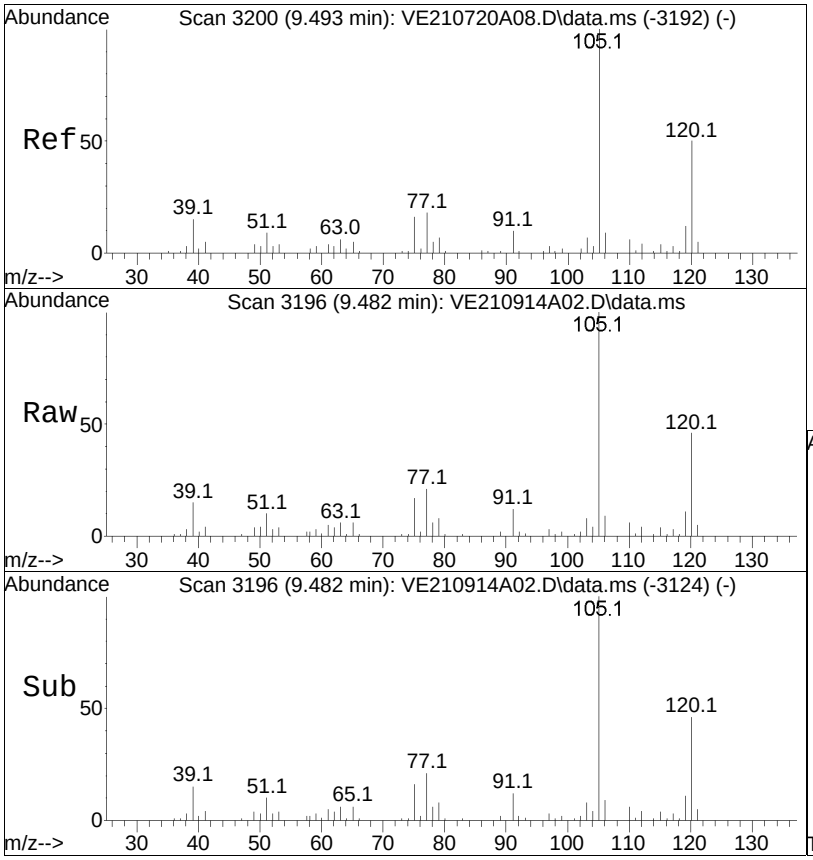


#90
1,3,5-Trimethylbenzene
Concen: 9.94 ug/L
RT: 9.482 min Scan# 3196
Delta R.T. 0.000 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion:105 Resp: 176614

Ion	Ratio	Lower	Upper
105	100		
120	46.0	34.8	52.2

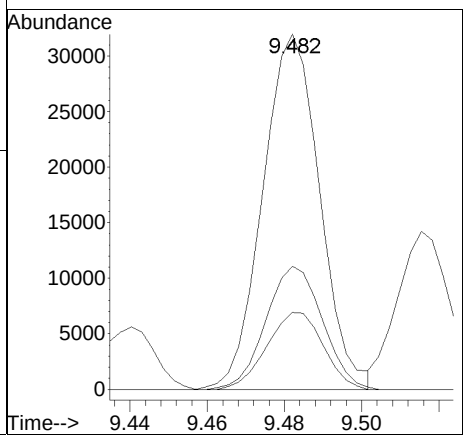


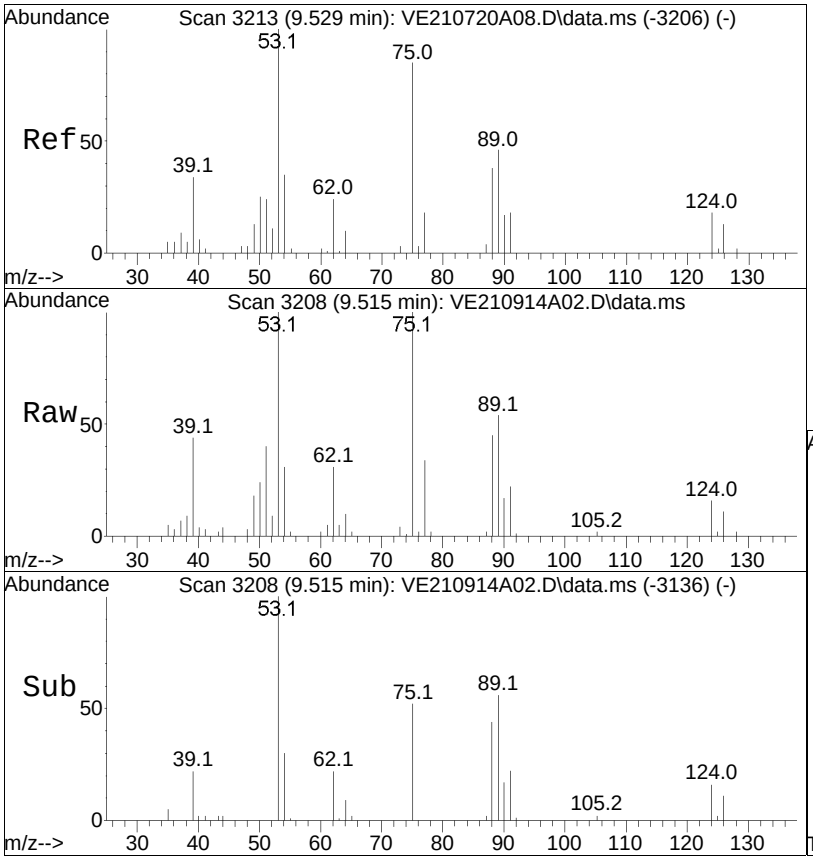


#91
1,2,3-Trichloropropane
Concen: 8.36 ug/L
RT: 9.482 min Scan# 3196
Delta R.T. 0.000 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion: 75 Resp: 32756

Ion	Ratio	Lower	Upper
75	100		
110	34.4	25.4	52.8
112	21.4	15.6	32.4

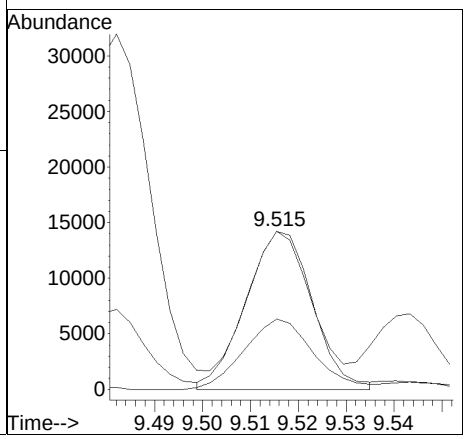


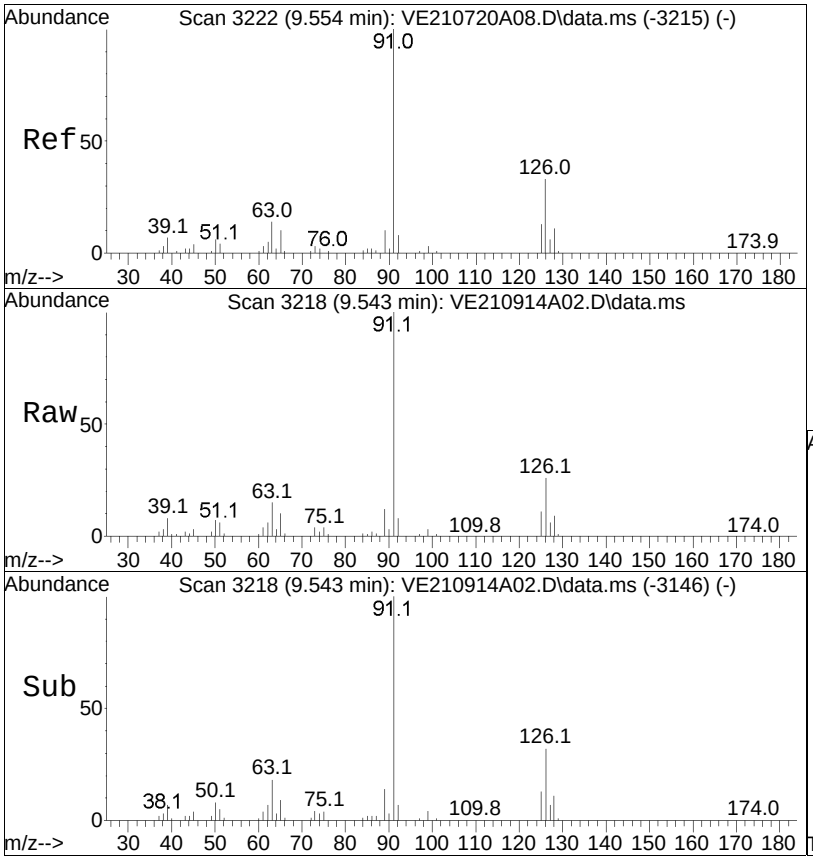


#92
trans-1,4-Dichloro-2-butene
Concen: 8.39 ug/L M4
RT: 9.515 min Scan# 3208
Delta R.T. 0.000 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion: 53 Resp: 13772

Ion	Ratio	Lower	Upper
53	100		
88	46.1	39.6	59.4
75	97.2	70.2	105.4

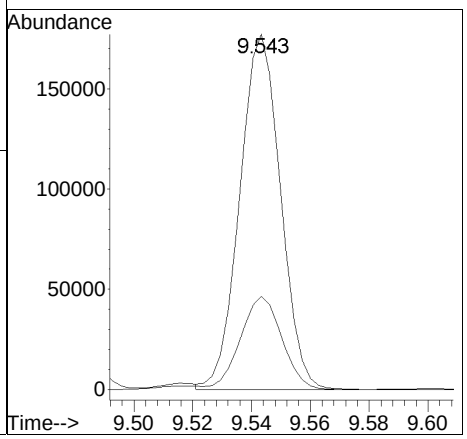


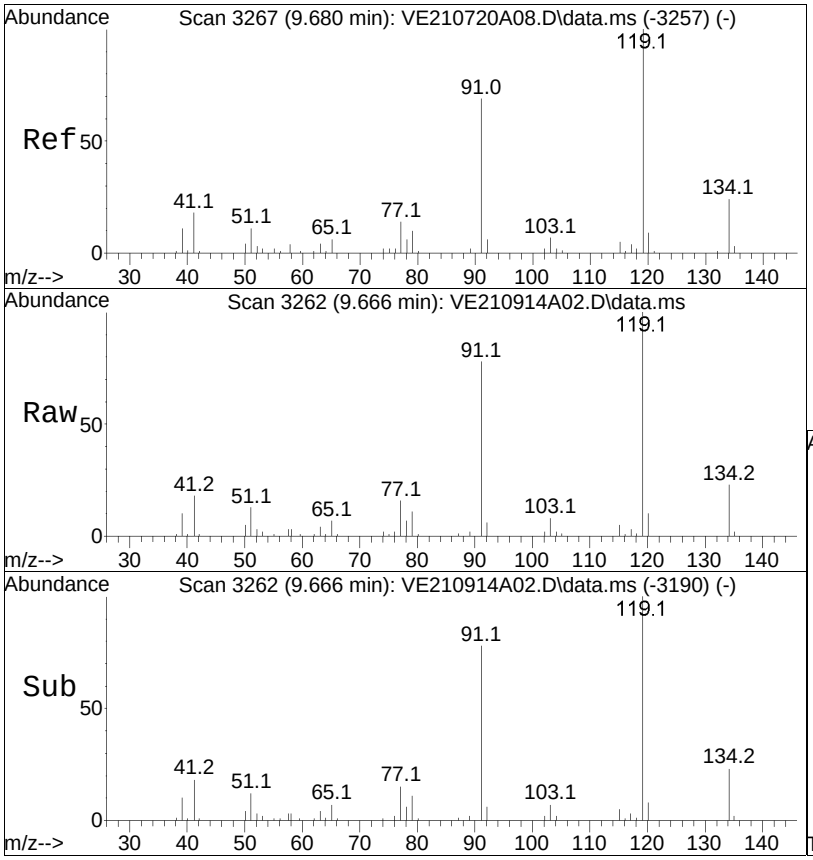


#93
4-Chlorotoluene
Concen: 10.05 ug/L
RT: 9.543 min Scan# 3218
Delta R.T. 0.000 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion: 91 Resp: 170326

Ion	Ratio	Lower	Upper
91	100		
126	27.6	24.6	36.8

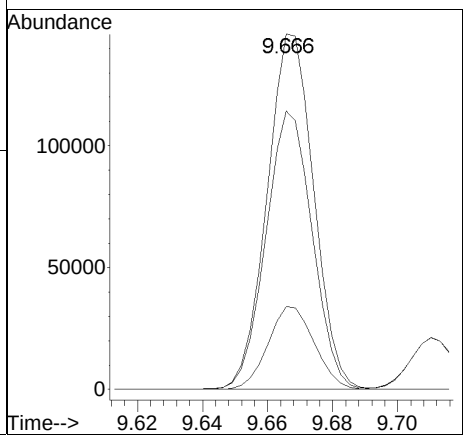


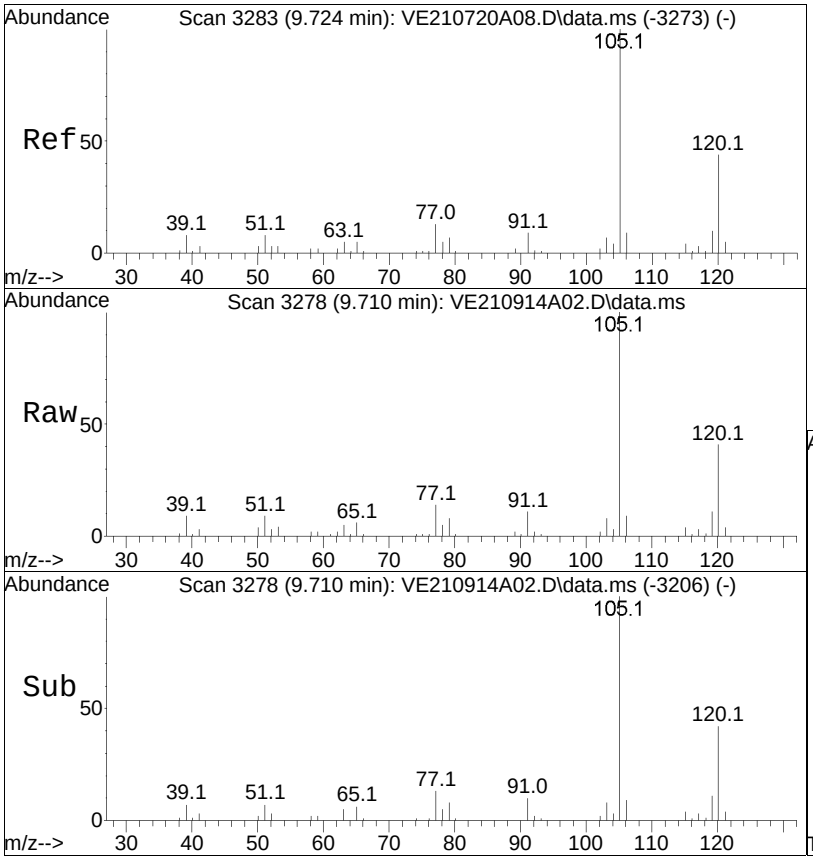


#94
tert-Butylbenzene
Concen: 10.16 ug/L
RT: 9.666 min Scan# 3262
Delta R.T. -0.000 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion:119 Resp: 145693

Ion	Ratio	Lower	Upper
119	100		
91	77.8	51.4	77.2#
134	23.1	18.3	27.5

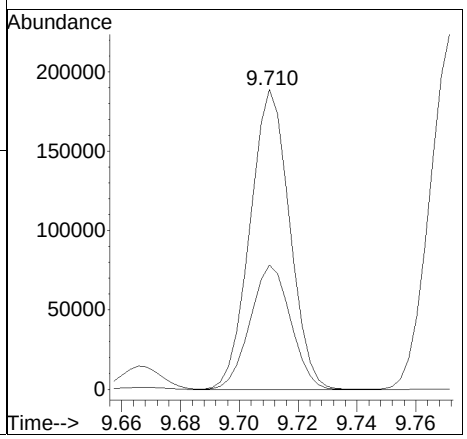


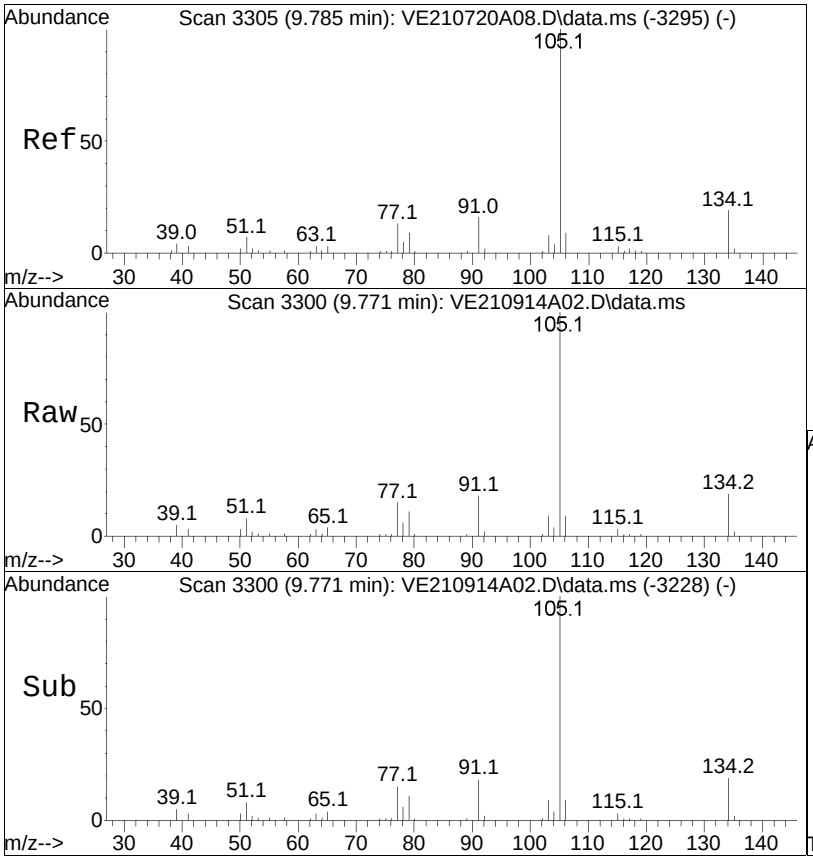


#97
1,2,4-Trimethylbenzene
Concen: 10.03 ug/L
RT: 9.710 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion:105 Resp: 176296

Ion	Ratio	Lower	Upper
105	100		
120	42.4	33.4	50.0

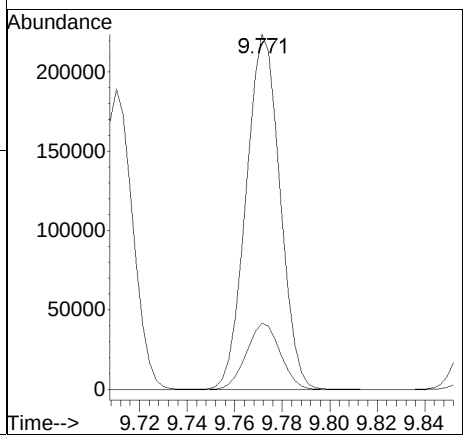


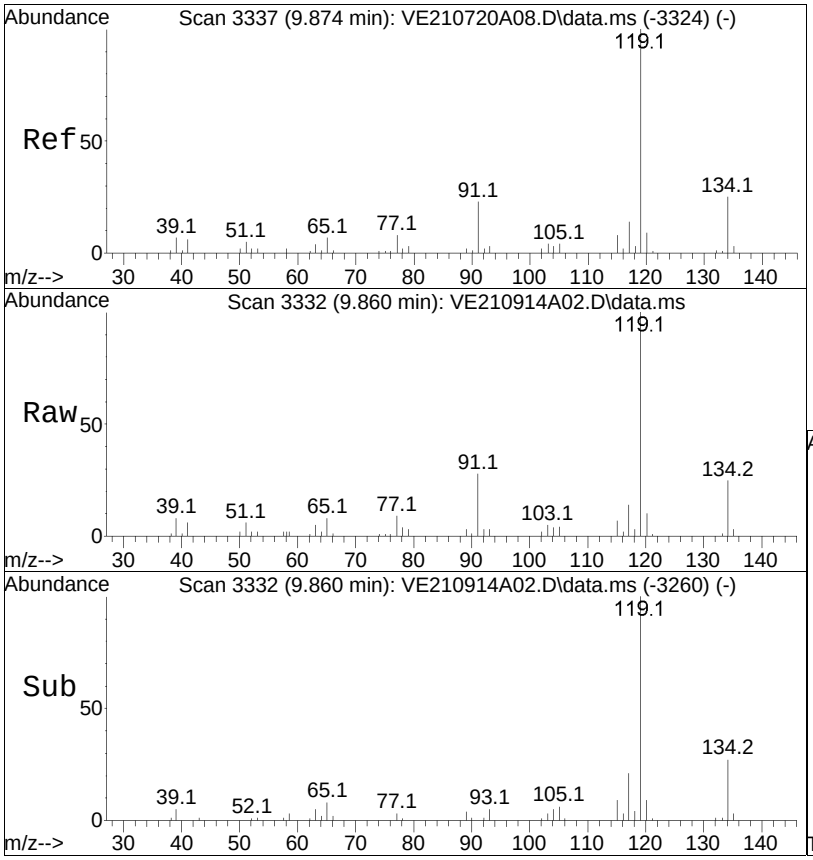


#98
sec-Butylbenzene
Concen: 10.22 ug/L
RT: 9.771 min Scan# 3300
Delta R.T. 0.000 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion:105 Resp: 221821

Ion	Ratio	Lower	Upper
105	100		
134	18.5	12.5	26.1

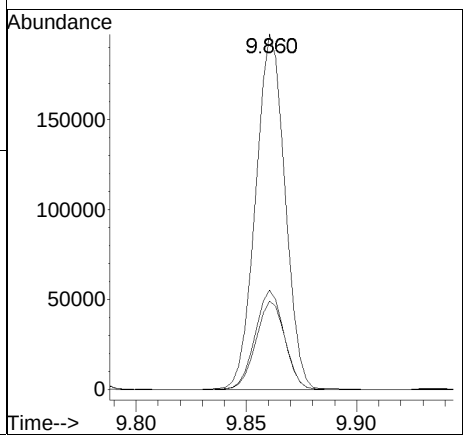


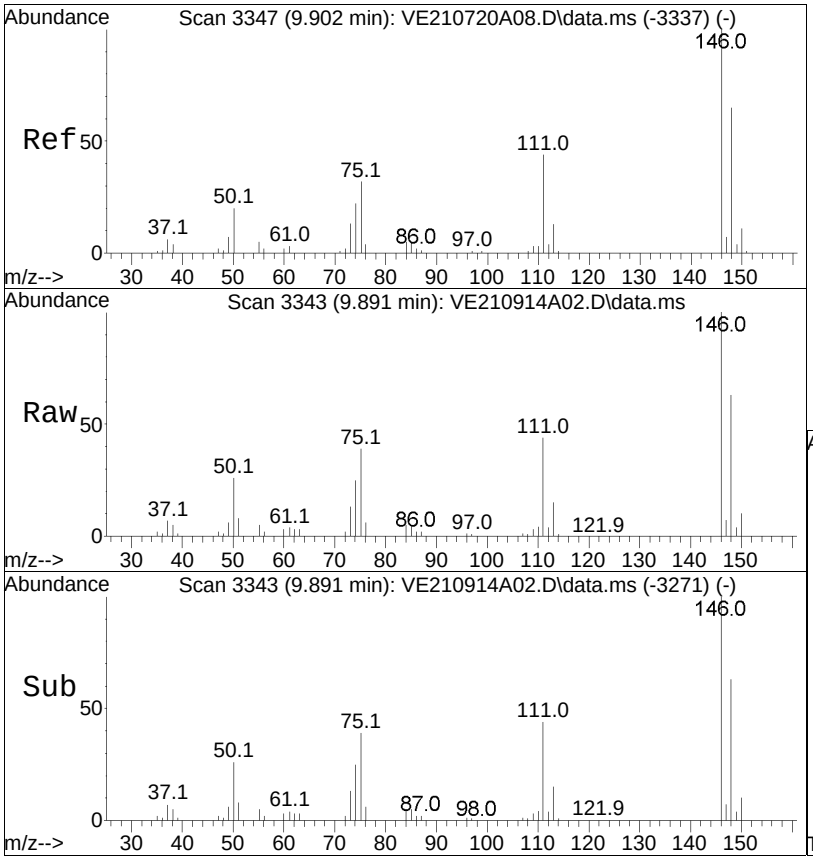


#99
p-Isopropyltoluene
Concen: 10.25 ug/L
RT: 9.860 min Scan# 3332
Delta R.T. 0.000 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion:119 Resp: 182940

Ion	Ratio	Lower	Upper
119	100		
134	24.8	16.1	33.3
91	27.4	17.3	35.9

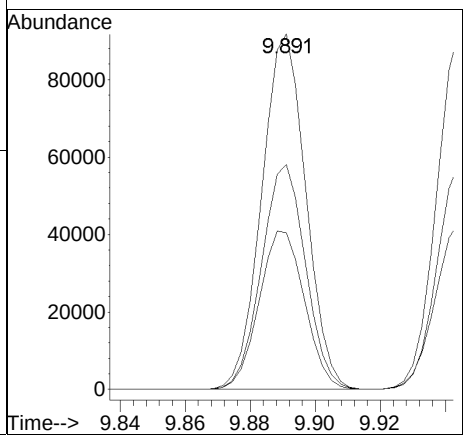


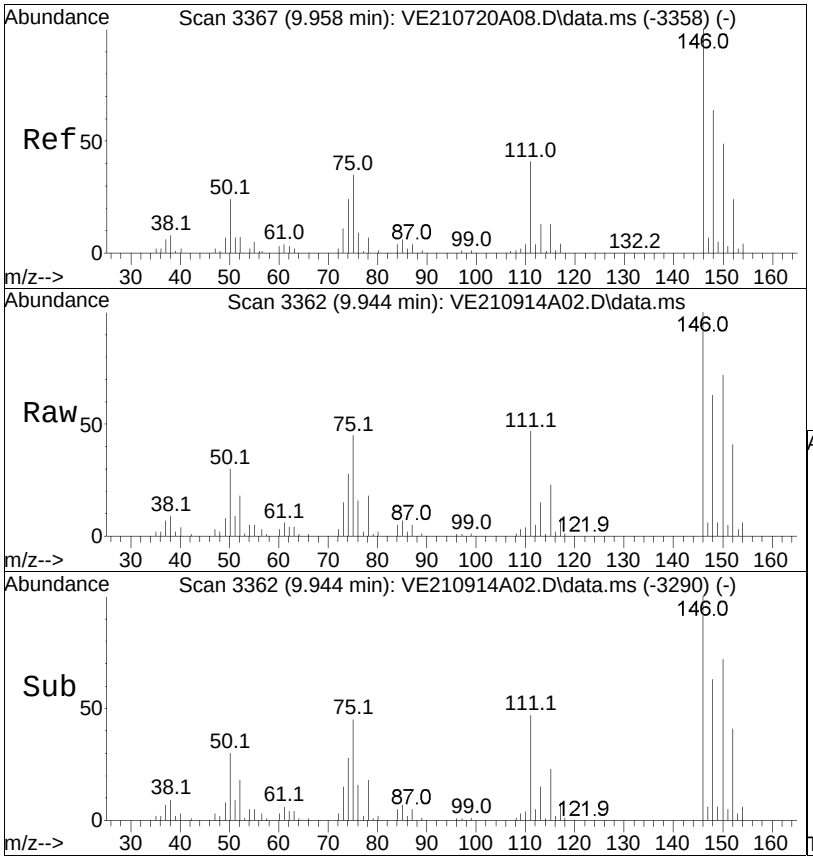


#100
1,3-Dichlorobenzene
Concen: 9.87 ug/L
RT: 9.891 min Scan# 3343
Delta R.T. 0.000 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion:146 Resp: 86610

Ion	Ratio	Lower	Upper
146	100		
111	45.9	27.5	57.1
148	63.2	41.9	86.9

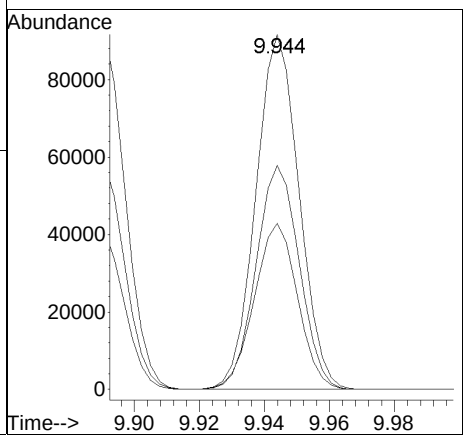


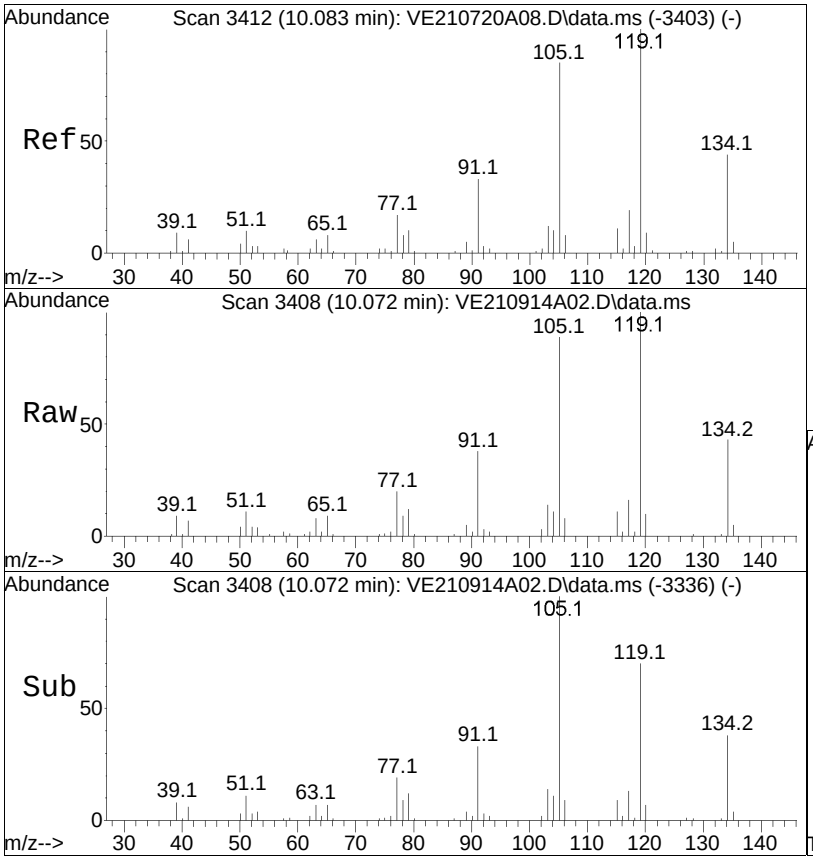


#101
1,4-Dichlorobenzene
Concen: 9.61 ug/L
RT: 9.944 min Scan# 3362
Delta R.T. -0.000 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion:146 Resp: 84808

Ion	Ratio	Lower	Upper
146	100		
111	46.9	32.3	48.5
148	63.2	49.9	74.9

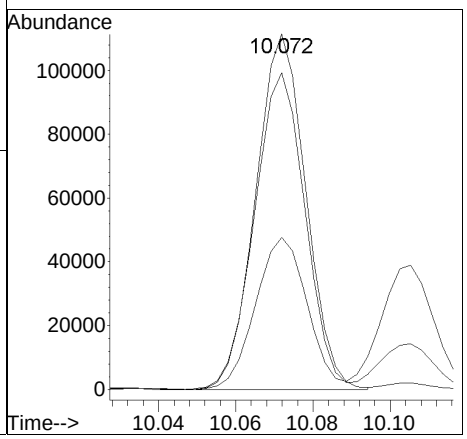


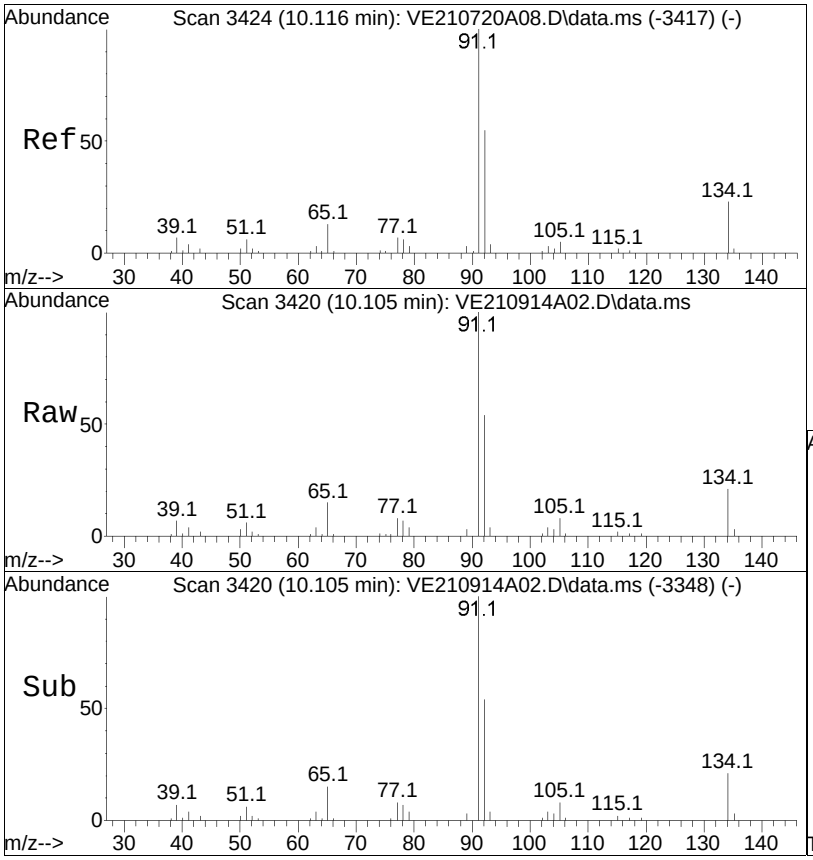


#102
p-Diethylbenzene
Concen: 9.78 ug/L
RT: 10.072 min Scan# 3408
Delta R.T. -0.000 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion:119 Resp: 100528

Ion	Ratio	Lower	Upper
119	100		
105	90.1	59.5	123.7
134	44.1	30.2	62.6

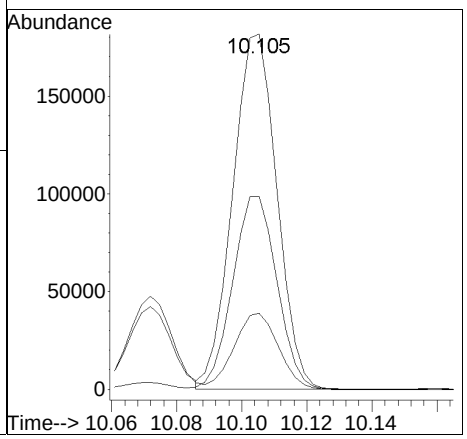


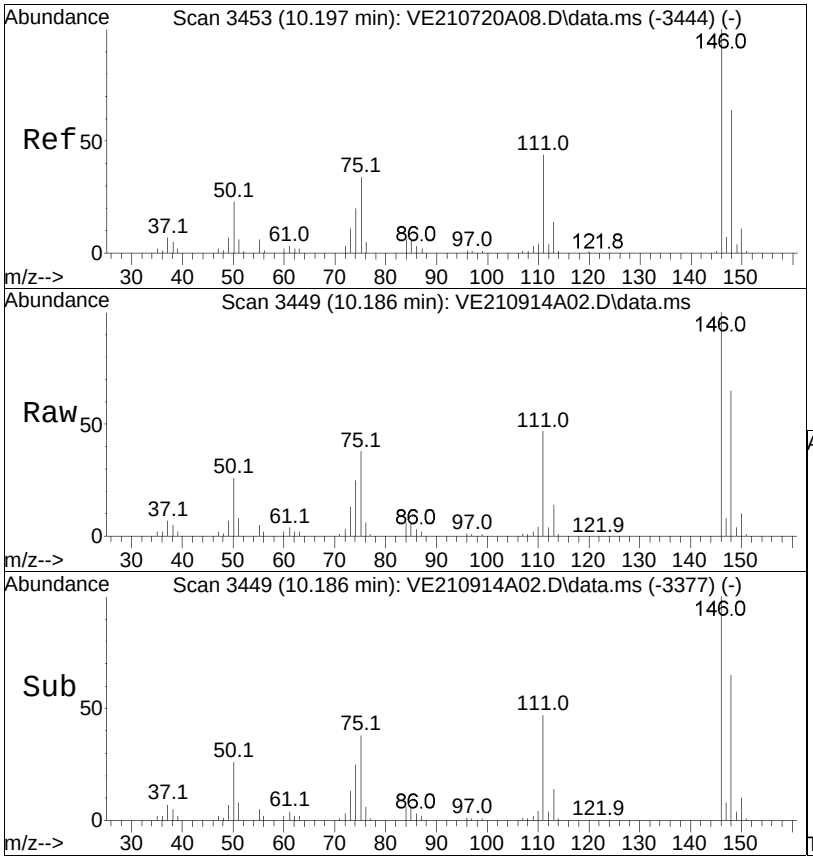


#103
n-Butylbenzene
Concen: 10.43 ug/L
RT: 10.105 min Scan# 3420
Delta R.T. 0.000 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion: 91 Resp: 171468

Ion	Ratio	Lower	Upper
91	100		
92	54.7	43.0	64.4
134	21.5	19.6	29.4

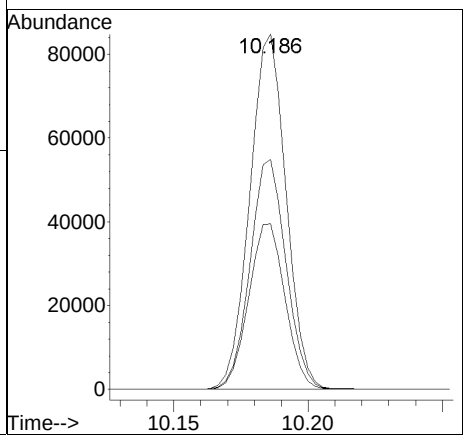


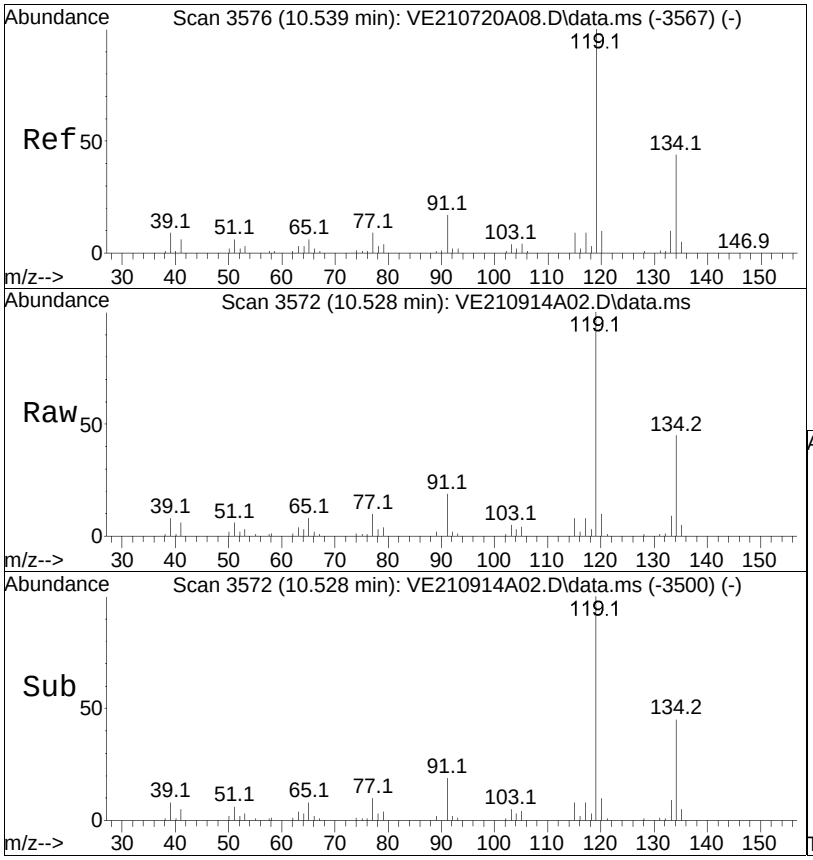


#104
1,2-Dichlorobenzene
Concen: 9.55 ug/L
RT: 10.186 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion:146 Resp: 79781

Ion	Ratio	Lower	Upper
146	100		
111	46.8	28.3	58.7
148	64.4	42.3	87.8

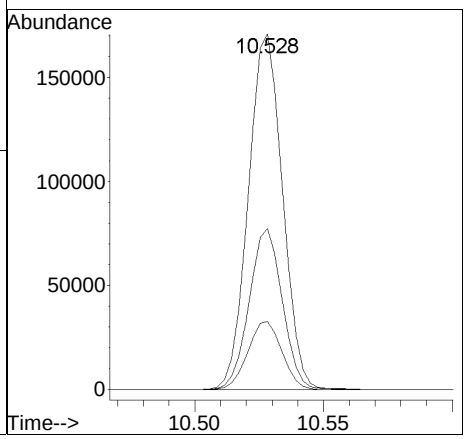


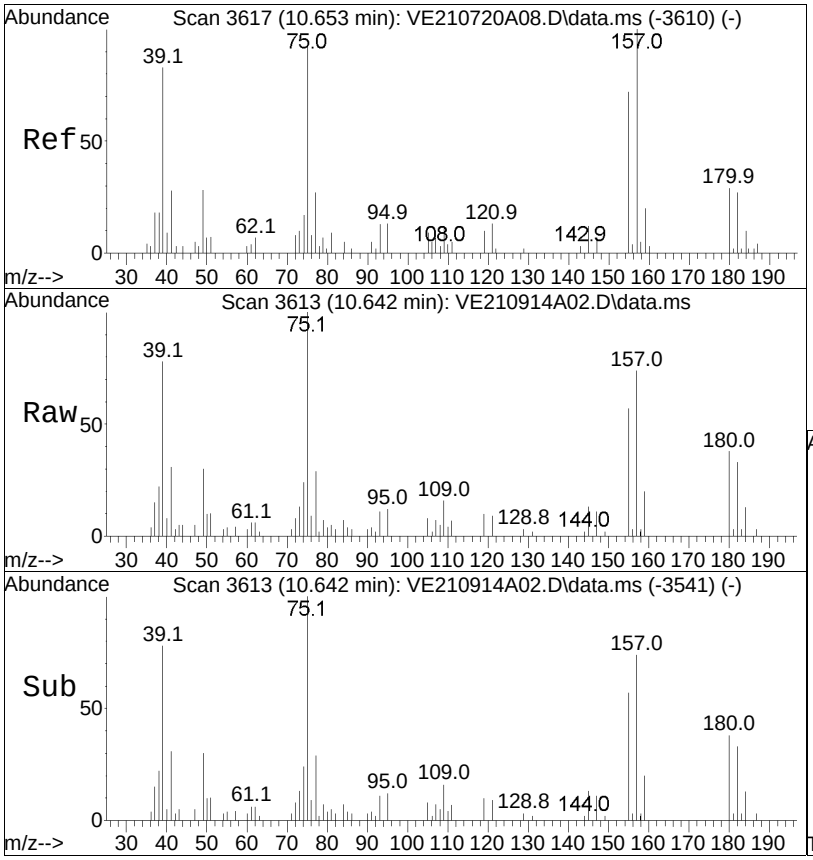


#105
1,2,4,5-Tetramethylbenzene
Concen: 9.71 ug/L
RT: 10.528 min Scan# 3572
Delta R.T. 0.000 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion:119 Resp: 157558

Ion	Ratio	Lower	Upper
119	100		
134	43.9	30.5	63.3
91	19.0	12.4	25.7

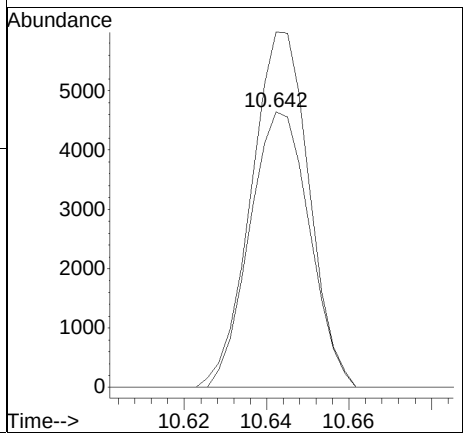


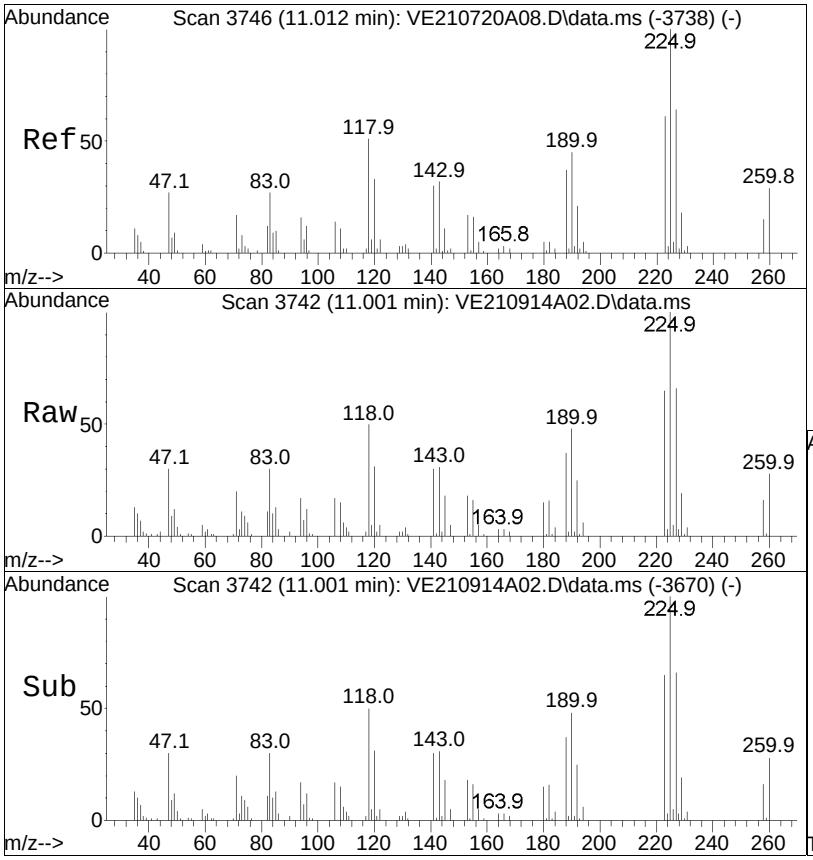


#106
1,2-Dibromo-3-chloropropane
Concen: 7.44 ug/L
RT: 10.642 min Scan# 3613
Delta R.T. 0.000 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion:155 Resp: 4685

Ion	Ratio	Lower	Upper
155	100		
157	124.7	94.8	142.2

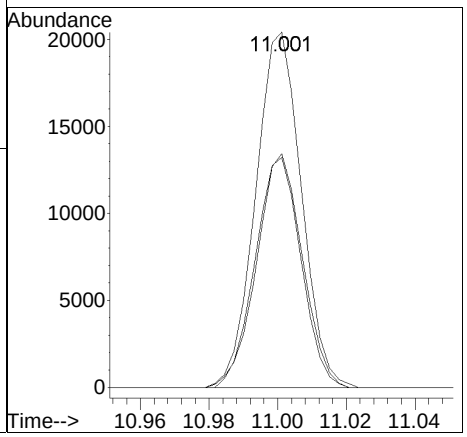


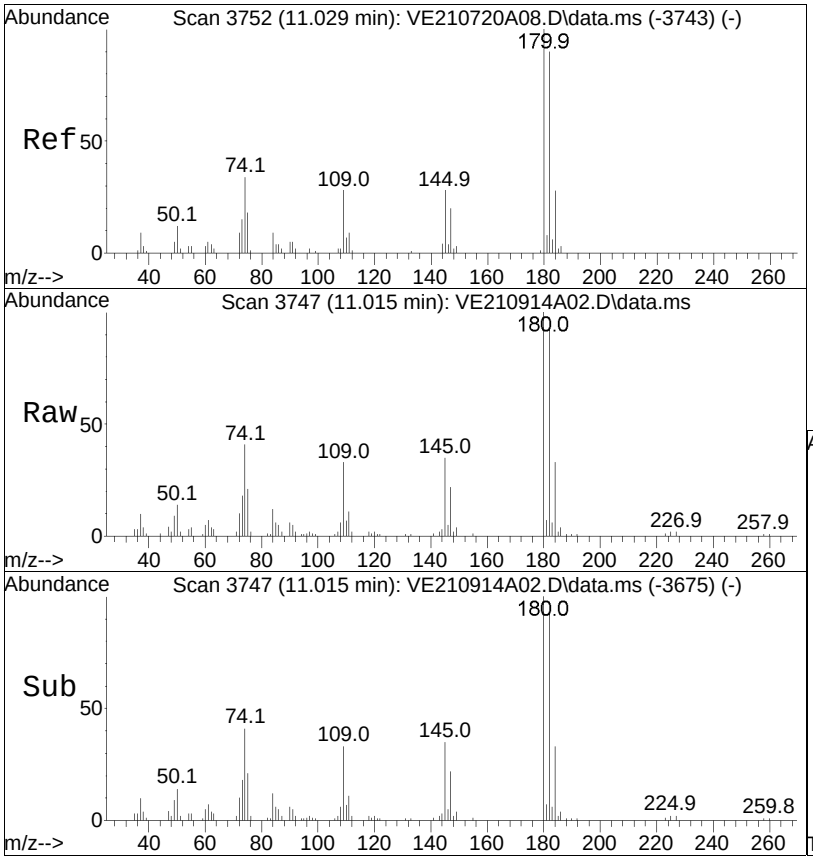


#108
Hexachlorobutadiene
Concen: 9.90 ug/L
RT: 11.001 min Scan# 3742
Delta R.T. 0.000 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion:225 Resp: 18920

Ion	Ratio	Lower	Upper
225	100		
223	64.7	54.3	81.5
227	65.7	52.4	78.6

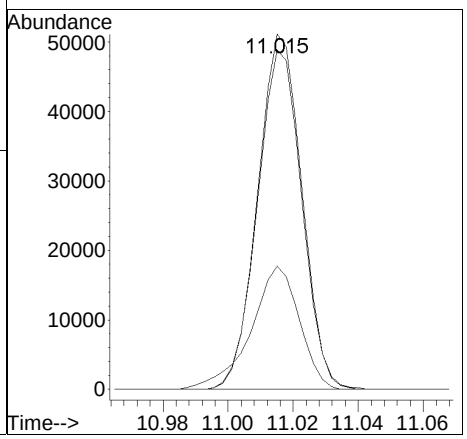


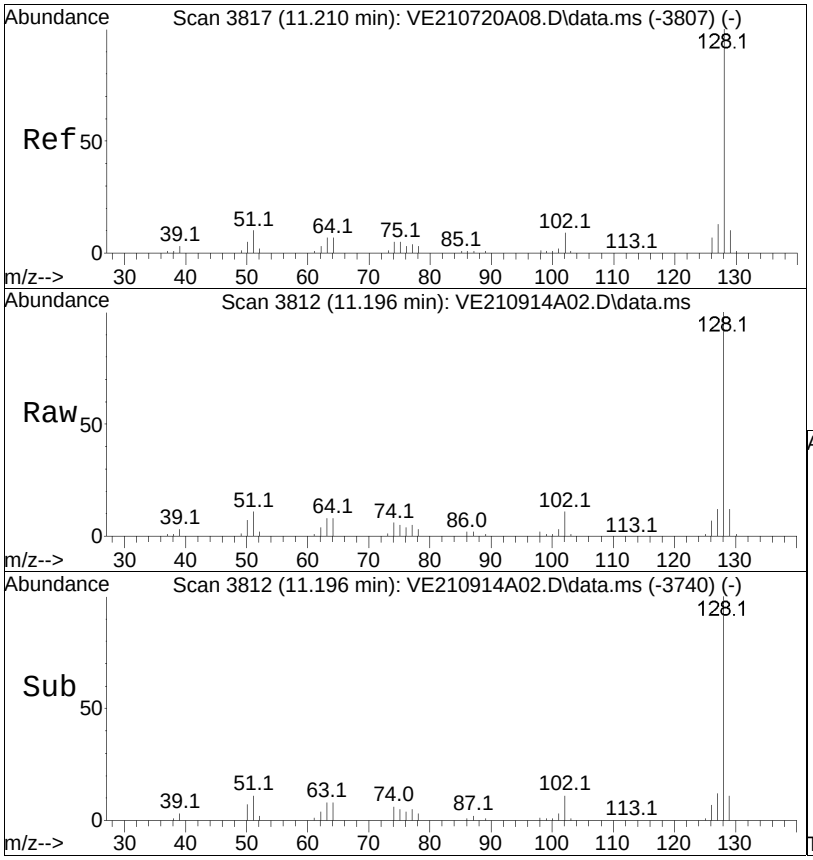


#109
1,2,4-Trichlorobenzene
Concen: 8.97 ug/L
RT: 11.015 min Scan# 3747
Delta R.T. 0.000 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion:180 Resp: 48144

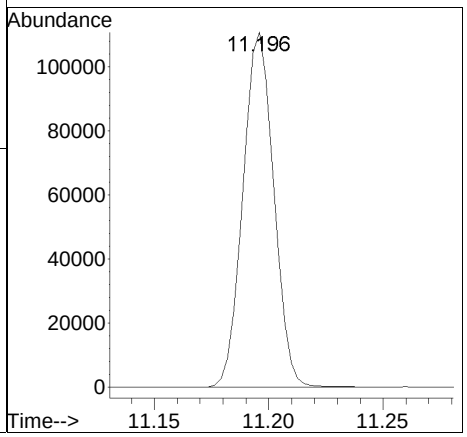
Ion	Ratio	Lower	Upper
180	100		
182	96.4	77.3	115.9
145	38.1	28.1	42.1

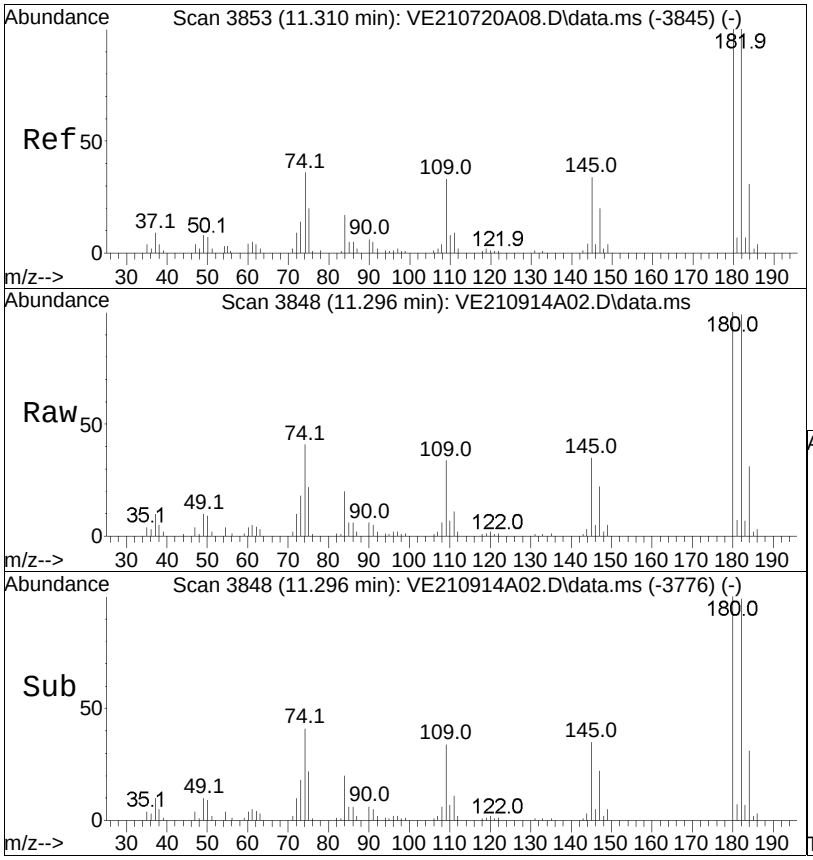




#110
Naphthalene
Concen: 7.86 ug/L
RT: 11.196 min Scan# 3812
Delta R.T. -0.000 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion:128 Resp: 104122

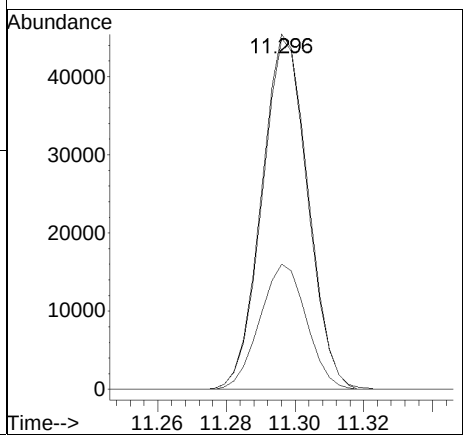




#111
1,2,3-Trichlorobenzene
Concen: 8.71 ug/L
RT: 11.296 min Scan# 3848
Delta R.T. 0.000 min
Lab File: VE210914A02.D
Acq: 14 Sep 2021 8:46 am

Tgt Ion:180 Resp: 42636

Ion	Ratio	Lower	Upper
180	100		
182	97.3	76.4	114.6
145	35.5	26.4	39.6

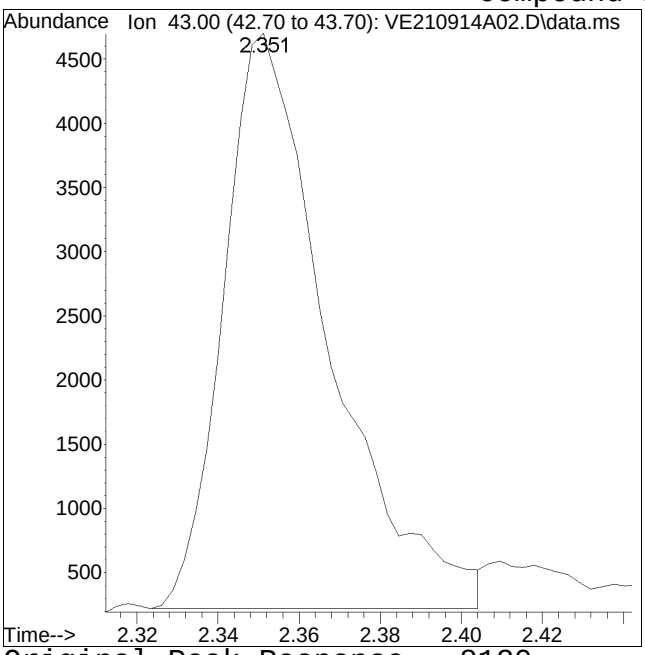


Manual Integration Report

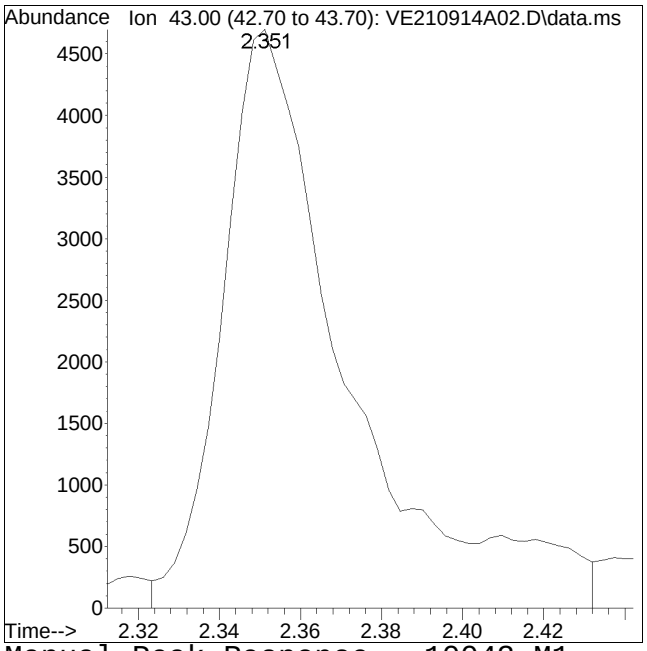
Data Path : I:\VOLATILES\Elaine\2021\2Q
Data File : VE210914A02.D
Date Inj'd : 9/14/2021 8:46 am
Sample : WG1546709-3,31,10,10

Method : Elaine_210909A_8260.m
Operator : ELAINE:PD
Instrument : Elaine
Quant Date : 9/14/2021 9:00 am

Compound #17: Acetone



Original Peak Response = 8120



Manual Peak Response = 10043 M1

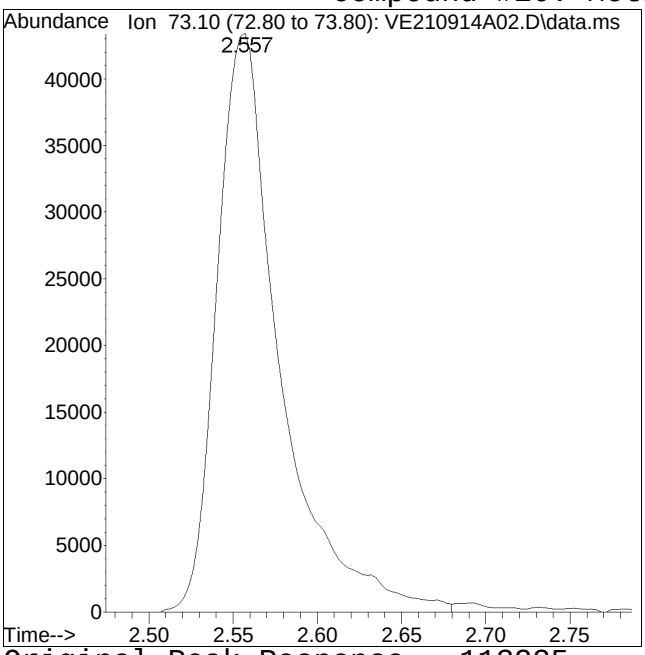
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

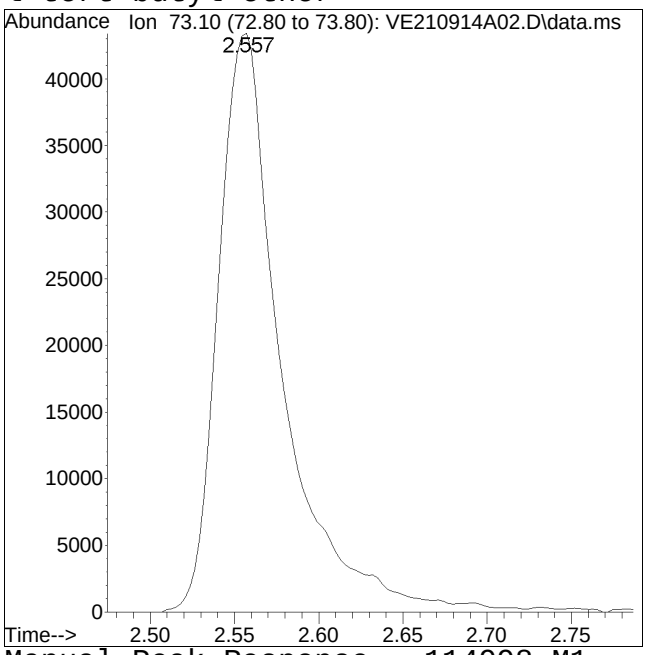
Data Path : I:\VOLATILES\Elaine\2021\2Q
Data File : VE210914A02.D
Date Inj'd : 9/14/2021 8:46 am
Sample : WG1546709-3,31,10,10

Method : Elaine_210909A_8260.m
Operator : ELAINE:PD
Instrument : Elaine
Quant Date : 9/14/2021 9:00 am

Compound #20: Methyl tert-butyl ether



Original Peak Response = 113225



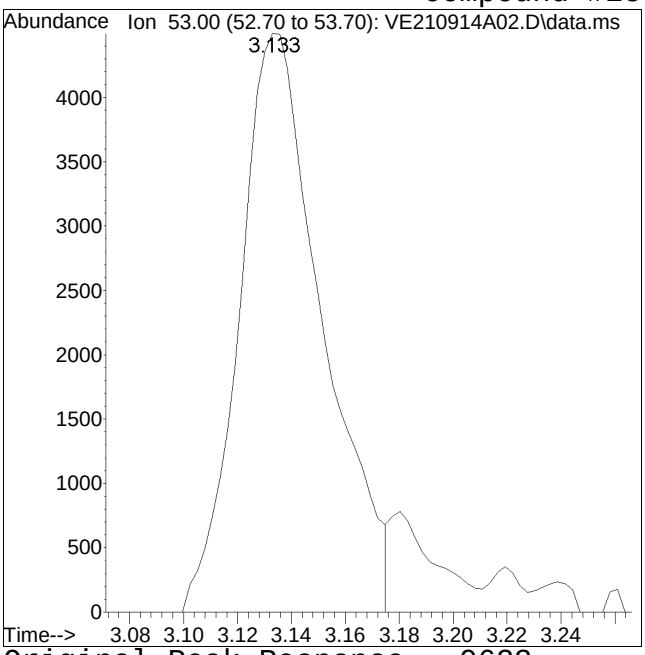
Manual Peak Response = 114998 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

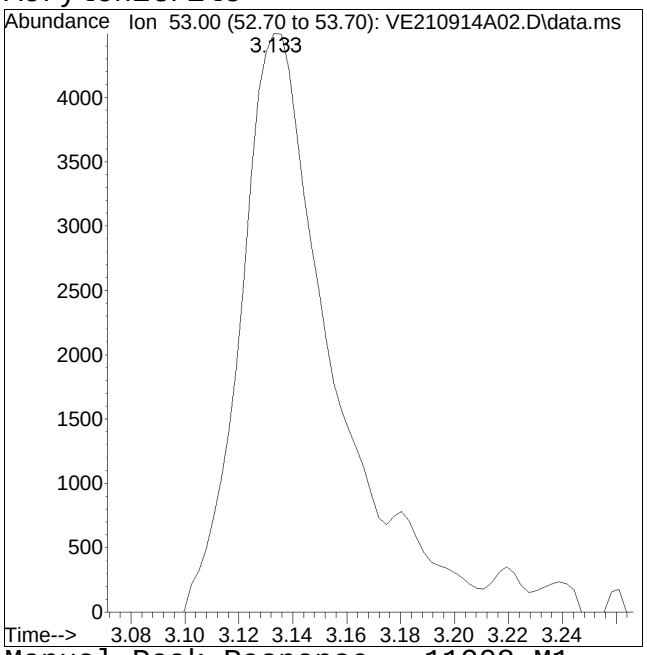
Manual Integration Report

Data Path : I:\VOLATILES\Elaine\2021\2QMethod : Elaine_210909A_8260.m
Data File : VE210914A02.D Operator : ELAINE:PD
Date Inj'd : 9/14/2021 8:46 am Instrument : Elaine
Sample : WG1546709-3,31,10,10 Quant Date : 9/14/2021 9:00 am

Compound #25: Acrylonitrile



Original Peak Response = 9623



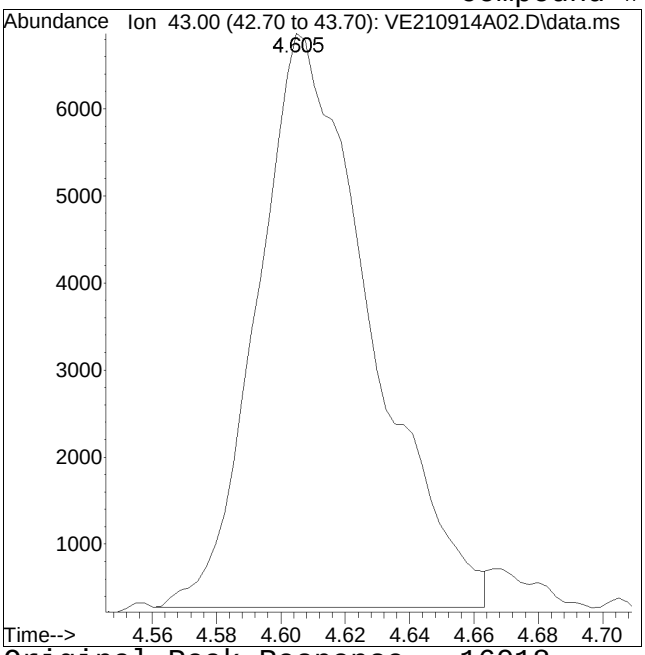
Manual Peak Response = 11008 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

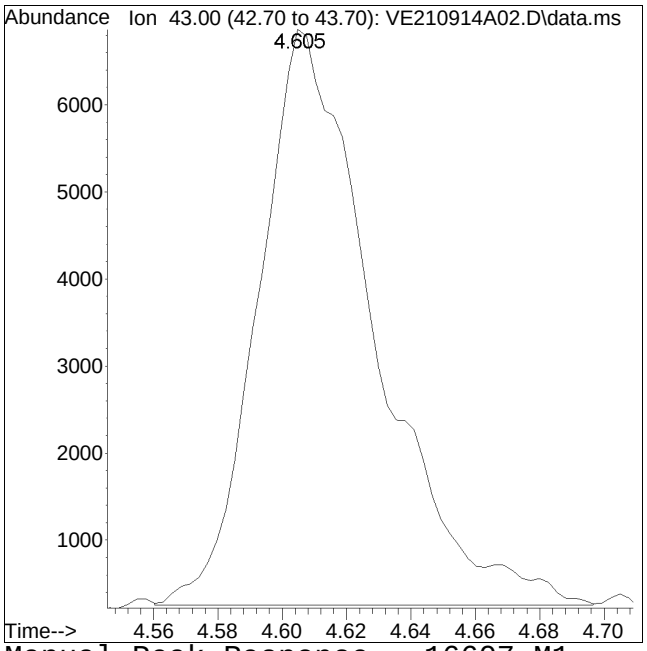
Manual Integration Report

Data Path : I:\VOLATILES\Elaine\2021\2QMethod : Elaine_210909A_8260.m
Data File : VE210914A02.D Operator : ELAINE:PD
Date Inj'd : 9/14/2021 8:46 am Instrument : Elaine
Sample : WG1546709-3,31,10,10 Quant Date : 9/14/2021 9:00 am

Compound #39: 2-Butanone



Original Peak Response = 16018



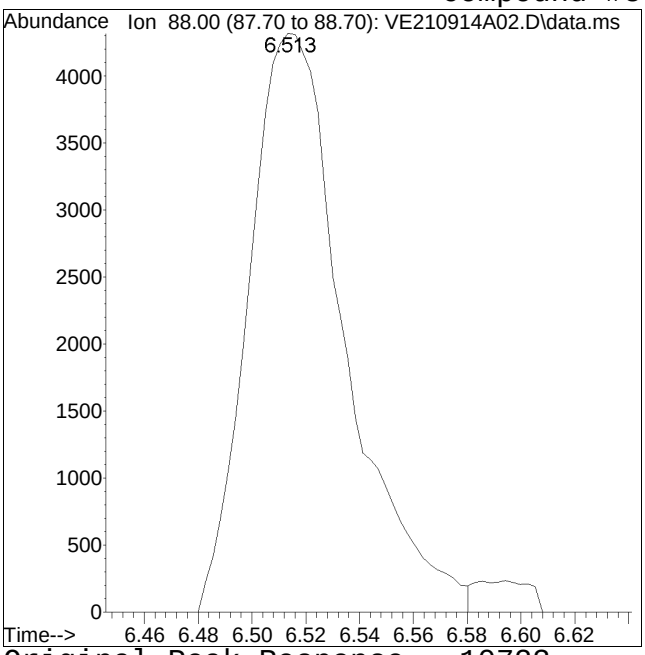
Manual Peak Response = 16607 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

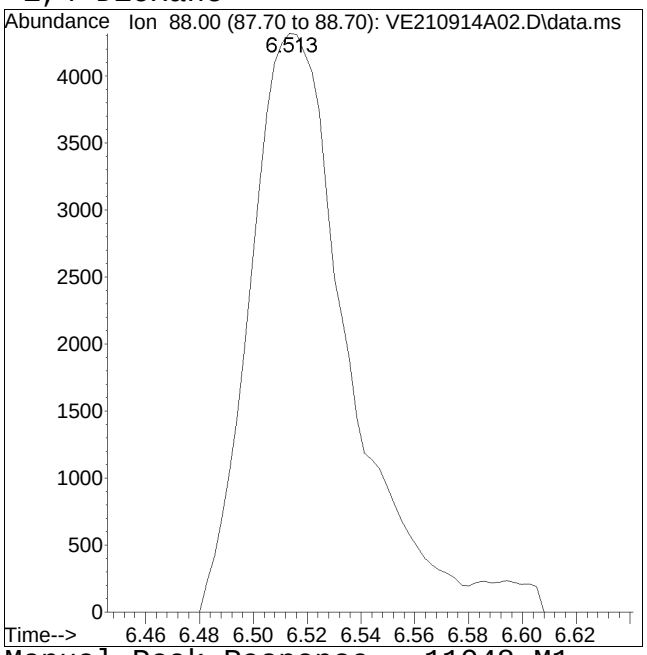
Manual Integration Report

Data Path : I:\VOLATILES\Elaine\2021\2QMethod : Elaine_210909A_8260.m
Data File : VE210914A02.D Operator : ELAINE:PD
Date Inj'd : 9/14/2021 8:46 am Instrument : Elaine
Sample : WG1546709-3,31,10,10 Quant Date : 9/14/2021 9:00 am

Compound #57: 1,4-Dioxane



Original Peak Response = 10723



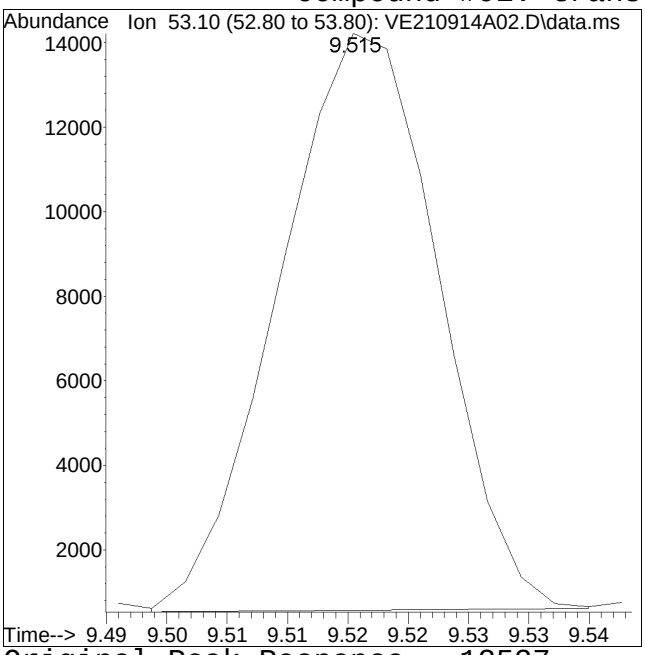
Manual Peak Response = 11048 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

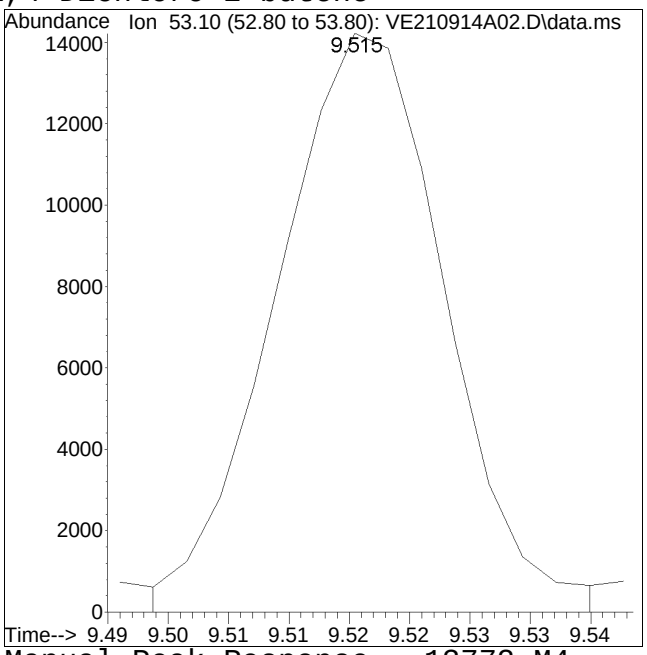
Manual Integration Report

Data Path : I:\VOLATILES\Elaine\2021\2QMethod : Elaine_210909A_8260.m
Data File : VE210914A02.D Operator : ELAINE:PD
Date Inj'd : 9/14/2021 8:46 am Instrument : Elaine
Sample : WG1546709-3,31,10,10 Quant Date : 9/14/2021 9:00 am

Compound #92: trans-1,4-Dichloro-2-butene



Original Peak Response = 12527



Manual Peak Response = 13772 M4

M4 = Poor automated baseline construction.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A03.D
Acq On : 14 Sep 2021 9:06 am
Operator : ELAINE:PD
Sample : WG1546709-4,31,10,10
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 09:21:15 2021
Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2021\210914A\VE210914A02.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.406	96	256229	10.000	ug/L	0.00
Standard Area 1 = 261232			Recovery = 98.08%			
59) Chlorobenzene-d5	8.439	117	174675	10.000	ug/L	0.00
Standard Area 1 = 175761			Recovery = 99.38%			
79) 1,4-Dichlorobenzene-d4	9.936	152	83224	10.000	ug/L	0.00
Standard Area 1 = 84918			Recovery = 98.01%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.407	113	58285	9.985	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.85%			
43) 1,2-Dichloroethane-d4	5.061	65	78065	9.101	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 91.01%			
60) Toluene-d8	7.120	98	238471	9.928	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.28%			
83) 4-Bromofluorobenzene	9.265	95	100278	10.157	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.57%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.921	85	37306	8.386	ug/L	99
3) Chloromethane	1.035	50	55569	9.457	ug/L	99
4) Vinyl chloride	1.088	62	57046	10.419	ug/L	96
5) Bromomethane	1.288	94	27814	9.739	ug/L	99
6) Chloroethane	1.369	64	38251	10.935	ug/L	100
7) Trichlorofluoromethane	1.461	101	68790	10.252	ug/L	93
8) Ethyl ether	1.689	74	23392	8.511	ug/L	80
10) 1,1-Dichloroethene	1.820	96	39239	9.962	ug/L	92
11) Carbon disulfide	1.823	76	108101	10.083	ug/L	99
15) Methylene chloride	2.293	84	47188	9.167	ug/L	87
17) Acetone	2.346	43	9540	6.088	ug/L	90
18) trans-1,2-Dichloroethene	2.437	96	42480	9.840	ug/L	97
20) Methyl tert-butyl ether	2.551	73	114060M1	7.976	ug/L	
23) 1,1-Dichloroethane	3.058	63	104351	10.202	ug/L	99
25) Acrylonitrile	3.133	53	10776M1	7.131	ug/L	
27) Vinyl acetate	3.414	43	104892	9.997	ug/L	99
28) cis-1,2-Dichloroethene	3.728	96	47804	9.442	ug/L	89
29) 2,2-Dichloropropane	3.859	77	83927	10.876	ug/L	96
30) Bromochloromethane	3.998	128	17883	9.249	ug/L	86
32) Chloroform	4.160	83	88129	9.808	ug/L	99

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A03.D
Acq On : 14 Sep 2021 9:06 am
Operator : ELAINE:PD
Sample : WG1546709-4,31,10,10
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 09:21:15 2021
Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2021\210914A\VE210914A02.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
34) Carbon tetrachloride	4.277	117	59840	9.868	ug/L		99
37) 1,1,1-Trichloroethane	4.379	97	77503	9.901	ug/L	#	95
39) 2-Butanone	4.602	43	15438	7.589	ug/L		99
40) 1,1-Dichloropropene	4.558	75	65085	10.215	ug/L		98
41) Benzene	4.872	78	192925	9.781	ug/L		96
44) 1,2-Dichloroethane	5.142	62	69474	8.609	ug/L		99
48) Trichloroethene	5.601	95	48242	10.012	ug/L		88
50) Dibromomethane	6.057	93	22769	8.222	ug/L		95
51) 1,2-Dichloropropane	6.171	63	52936	9.363	ug/L		96
54) Bromodichloromethane	6.282	83	62431	8.802	ug/L		99
57) 1,4-Dioxane	6.513	88	11685M1	336.374	ug/L		
58) cis-1,3-Dichloropropene	6.945	75	74845	9.385	ug/L		99
61) Toluene	7.167	92	122075	9.871	ug/L		92
62) 4-Methyl-2-pentanone	7.587	58	12422	7.161	ug/L	#	91
63) Tetrachloroethene	7.529	166	39931	9.659	ug/L		99
65) trans-1,3-Dichloropropene	7.610	75	65152	9.083	ug/L		97
68) 1,1,2-Trichloroethane	7.740	83	26650	8.219	ug/L		95
69) Chlorodibromomethane	7.874	129	33587	8.270	ug/L		98
70) 1,3-Dichloropropane	7.955	76	61418	8.373	ug/L		100
71) 1,2-Dibromoethane	8.035	107	29940	8.278	ug/L		100
72) 2-Hexanone	8.280	43	21797	6.703	ug/L		96
73) Chlorobenzene	8.450	112	120146	9.830	ug/L		98
74) Ethylbenzene	8.492	91	233337	10.126	ug/L		97
75) 1,1,1,2-Tetrachloroethane	8.511	131	37473	8.785	ug/L		95
76) p/m Xylene	8.600	106	166041	20.294	ug/L		90
77) o Xylene	8.887	106	157511	20.128	ug/L		95
78) Styrene	8.923	104	276266	20.066	ug/L		97
80) Bromoform	8.928	173	19537	8.503	ug/L		94
82) Isopropylbenzene	9.095	105	217460	10.420	ug/L		99
84) Bromobenzene	9.321	156	44492	9.724	ug/L		97
85) n-Propylbenzene	9.357	91	270143	10.793	ug/L		98
87) 1,1,2,2-Tetrachloroethane	9.412	83	35809	8.448	ug/L		99
88) 4-Ethyltoluene	9.426	105	204998	10.418	ug/L		99
89) 2-Chlorotoluene	9.440	91	186772	10.264	ug/L		95
90) 1,3,5-Trimethylbenzene	9.482	105	178592	10.252	ug/L		95
91) 1,2,3-Trichloropropane	9.482	75	31772	8.275	ug/L		93
92) trans-1,4-Dichloro-2-b...	9.515	53	14713	9.150	ug/L	#	90
93) 4-Chlorotoluene	9.543	91	169974	10.230	ug/L		93
94) tert-Butylbenzene	9.666	119	144504	10.283	ug/L		88

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A03.D
Acq On : 14 Sep 2021 9:06 am
Operator : ELAINE:PD
Sample : WG1546709-4,31,10,10
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 09:21:15 2021
Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2021\210914A\VE210914A02.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	9.710	105	173487	10.070	ug/L	96
98) sec-Butylbenzene	9.771	105	213762	10.053	ug/L	98
99) p-Isopropyltoluene	9.860	119	182840	10.455	ug/L	97
100) 1,3-Dichlorobenzene	9.891	146	84894	9.875	ug/L	96
101) 1,4-Dichlorobenzene	9.944	146	84696	9.797	ug/L	95
102) p-Diethylbenzene	10.072	119	98295	9.756	ug/L	99
103) n-Butylbenzene	10.102	91	166673	10.345	ug/L	97
104) 1,2-Dichlorobenzene	10.186	146	79587	9.718	ug/L	96
105) 1,2,4,5-Tetramethylben...	10.528	119	152940	9.622	ug/L	97
106) 1,2-Dibromo-3-chloropr...	10.642	155	4538	7.351	ug/L	85
108) Hexachlorobutadiene	10.998	225	18340	9.787	ug/L	93
109) 1,2,4-Trichlorobenzene	11.015	180	46908	8.921	ug/L	96
110) Naphthalene	11.196	128	108328	8.344	ug/L	100
111) 1,2,3-Trichlorobenzene	11.296	180	43399	9.047	ug/L	98

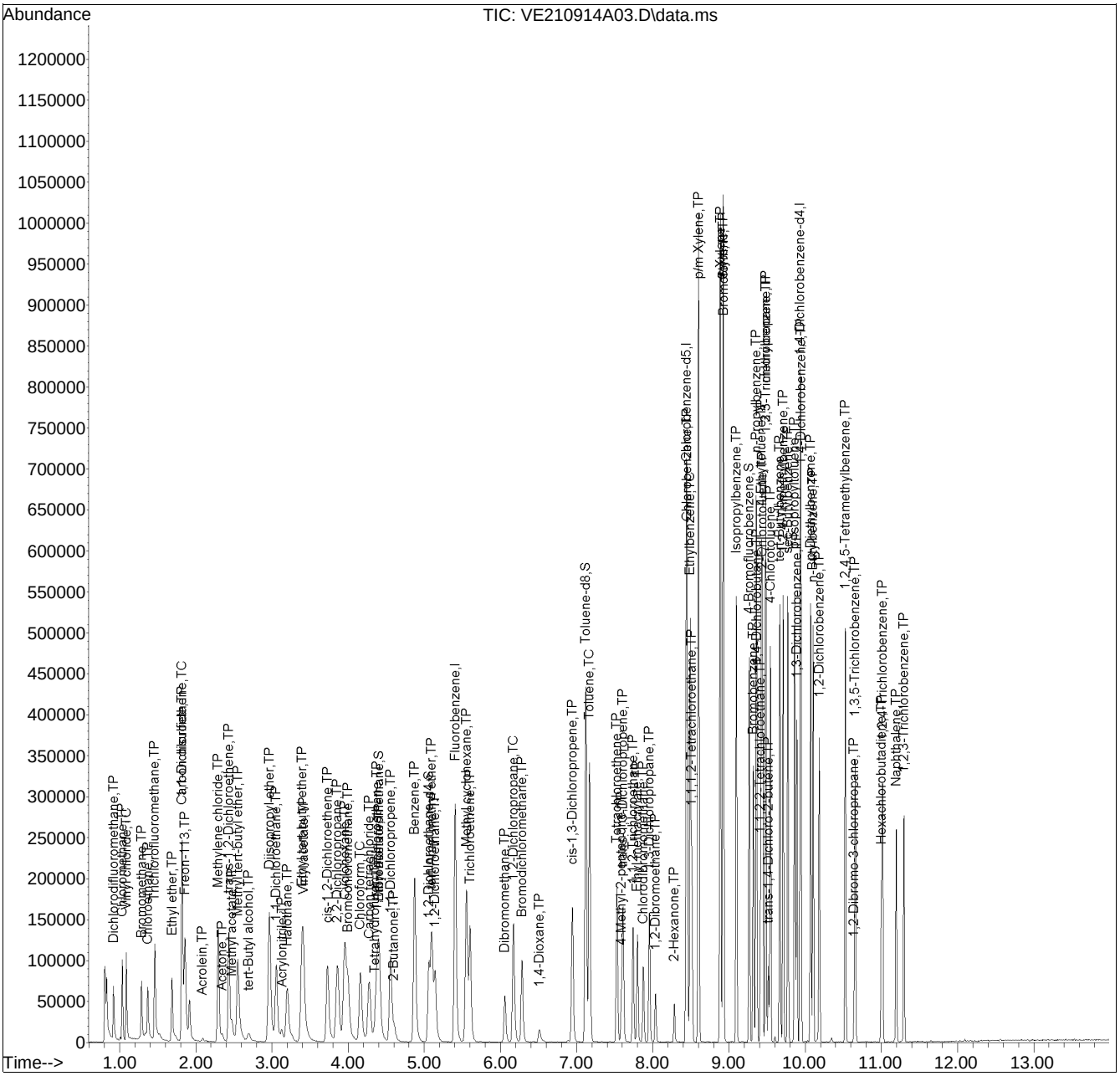
(#) = qualifier out of range (m) = manual integration (+) = signals summed

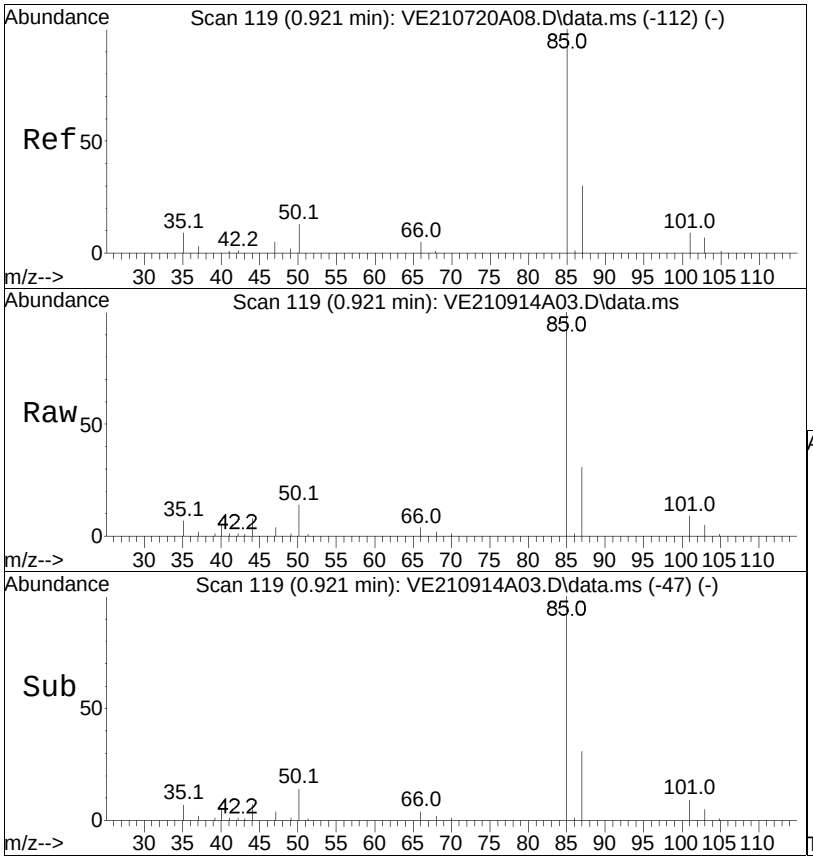
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2021\210914A\
Data File : VE210914A03.D
Acq On : 14 Sep 2021 9:06 am
Operator : ELAINE:PD
Sample : WG1546709-4,31,10,10
Misc : WG1546709,ICAL18296
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 09:21:15 2021
Quant Method : I:\VOLATILES\Elaine\2021\210914A\Elaine_210909A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Sep 13 11:35:38 2021
Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

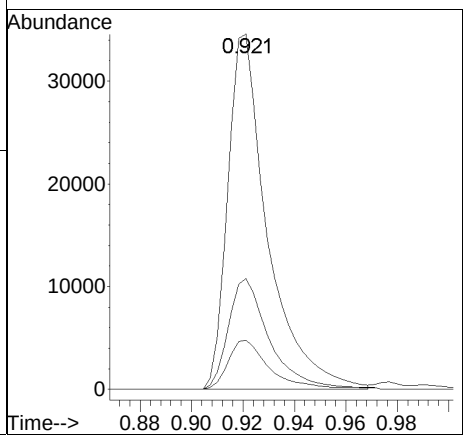


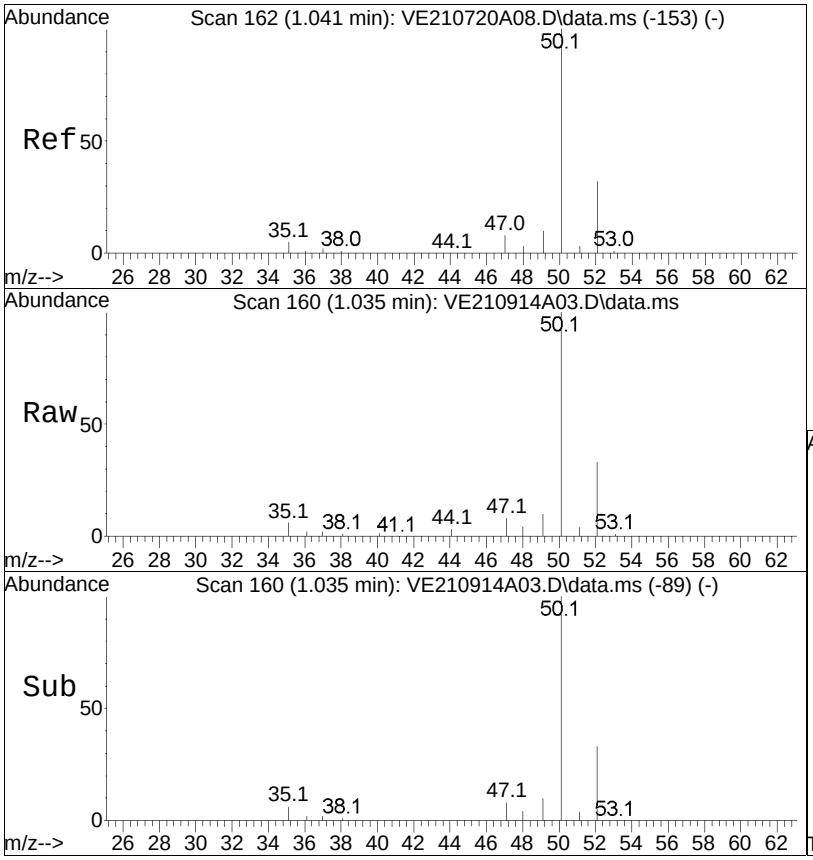


#2
Dichlorodifluoromethane
Concen: 8.39 ug/L
RT: 0.921 min Scan# 119
Delta R.T. 0.000 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion: 85 Resp: 37306

Ion	Ratio	Lower	Upper
85	100		
87	32.2	21.0	43.6
50	14.6	8.9	18.5

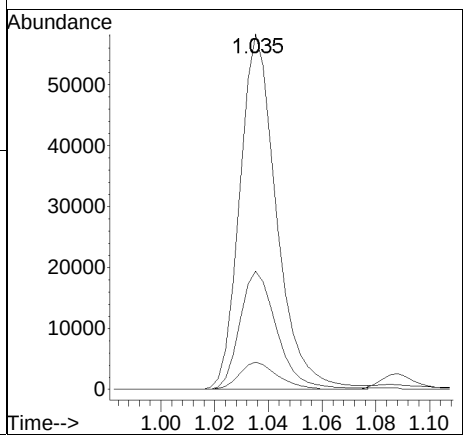


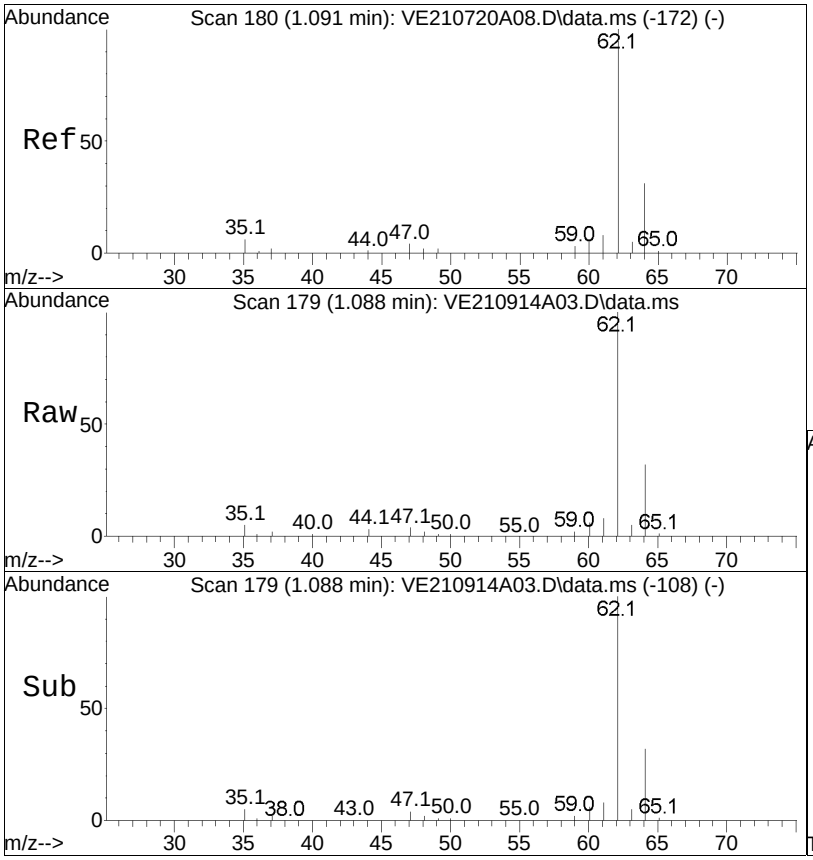


#3
Chloromethane
Concen: 9.46 ug/L
RT: 1.035 min Scan# 160
Delta R.T. -0.003 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion: 50 Resp: 55569

Ion	Ratio	Lower	Upper
50	100		
52	33.5	12.9	52.9
47	8.0	0.0	28.3

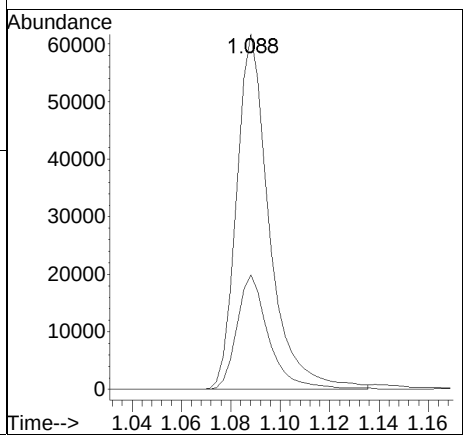


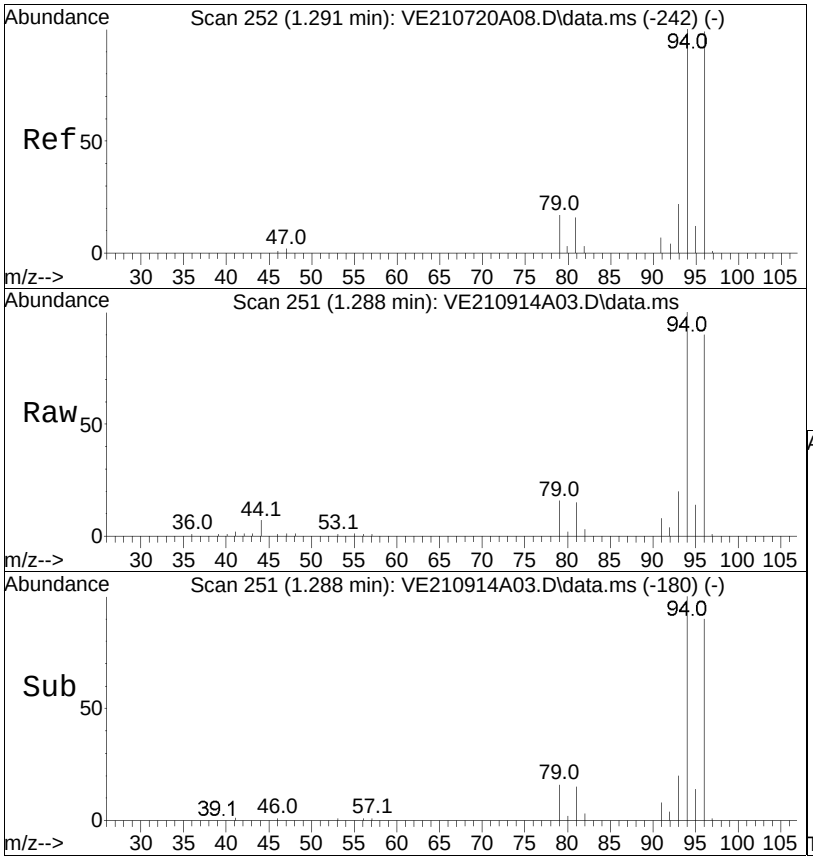


#4
Vinyl chloride
Concen: 10.42 ug/L
RT: 1.088 min Scan# 179
Delta R.T. -0.003 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion: 62 Resp: 57046

Ion	Ratio	Lower	Upper
62	100		
64	31.5	9.1	49.1

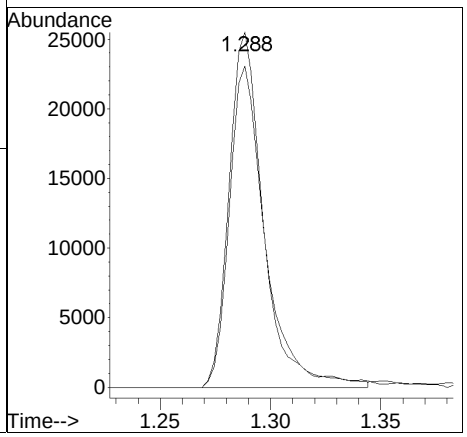


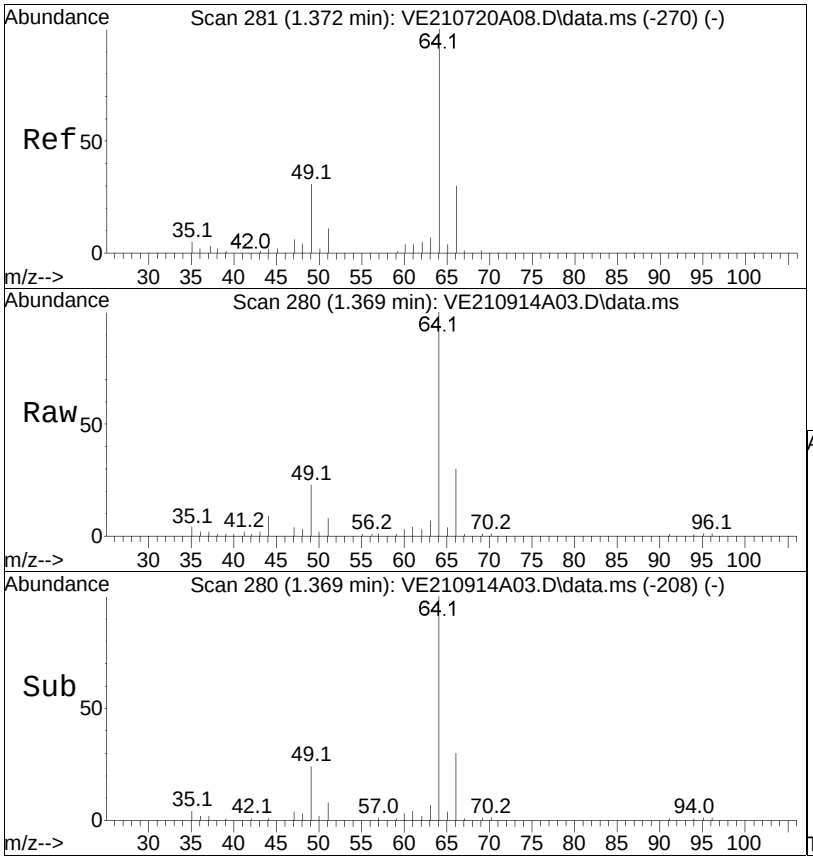


#5
Bromomethane
Concen: 9.74 ug/L
RT: 1.288 min Scan# 251
Delta R.T. -0.003 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion: 94 Resp: 27814

Ion	Ratio	Lower	Upper
94	100		
96	94.7	75.6	115.6

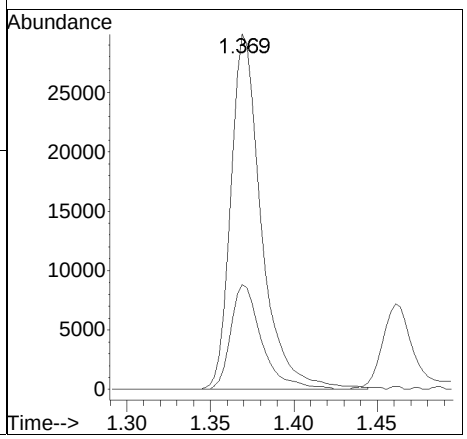


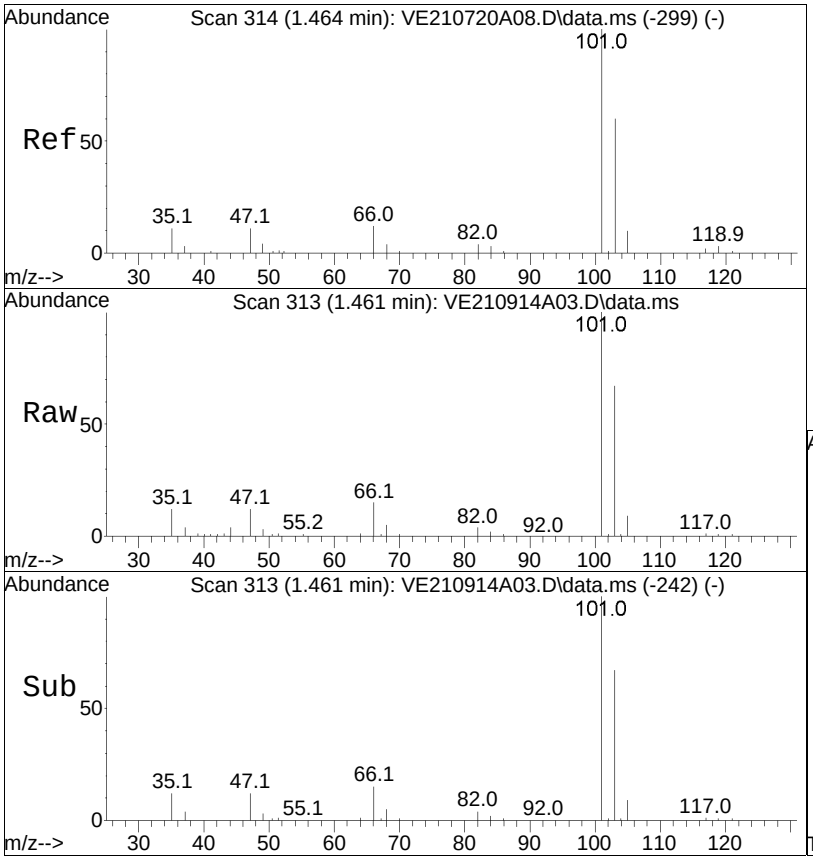


#6
Chloroethane
Concen: 10.93 ug/L
RT: 1.369 min Scan# 280
Delta R.T. 0.000 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion: 64 Resp: 38251

Ion	Ratio	Lower	Upper
64	100		
66	29.8	9.8	49.8

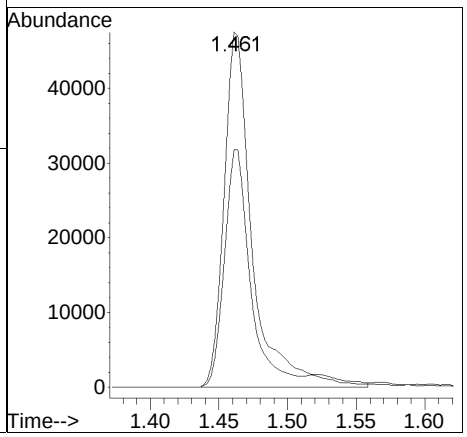


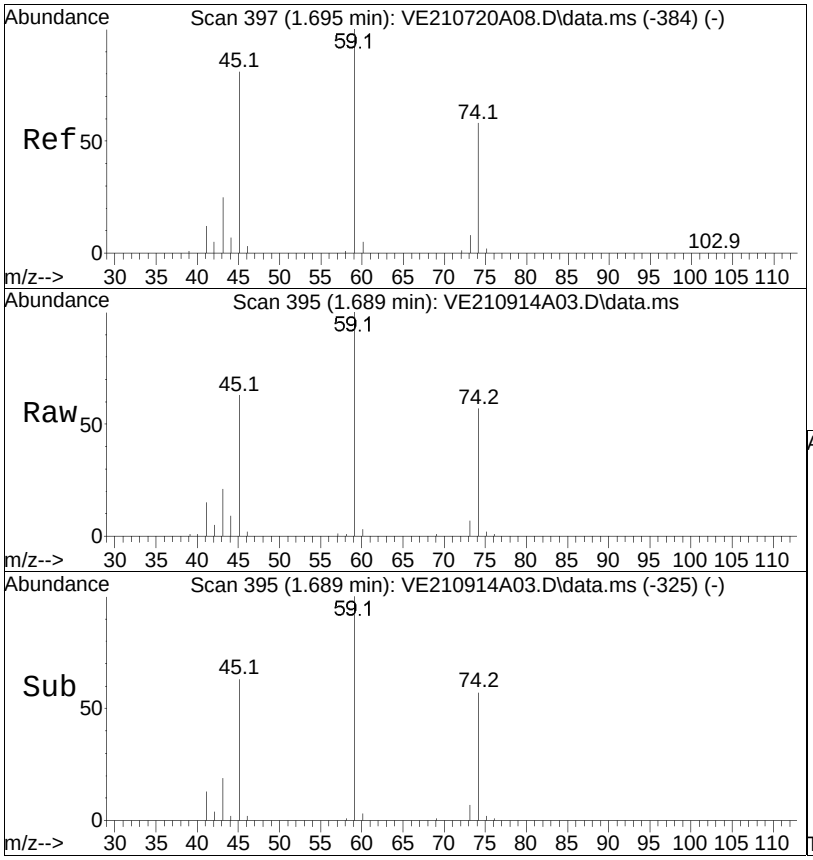


#7
Trichlorofluoromethane
Concen: 10.25 ug/L
RT: 1.461 min Scan# 313
Delta R.T. -0.003 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion:101 Resp: 68790

Ion	Ratio	Lower	Upper
101	100		
103	61.4	53.8	80.6

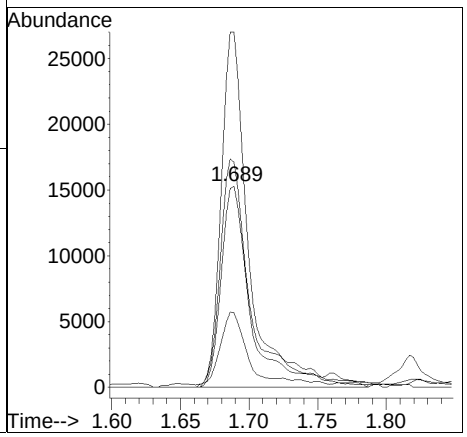


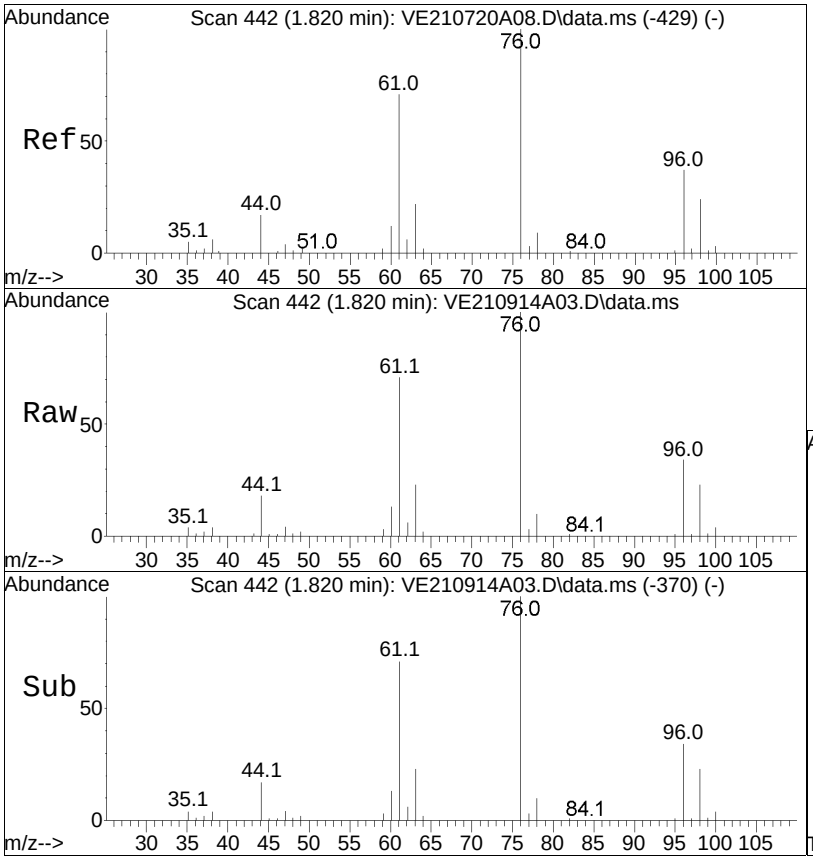


#8
Ethyl ether
Concen: 8.51 ug/L
RT: 1.689 min Scan# 395
Delta R.T. -0.006 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion: 74 Resp: 23392

Ion	Ratio	Lower	Upper
74	100		
59	161.3	122.2	253.8
45	113.4	91.9	190.9
43	30.3	25.2	52.2

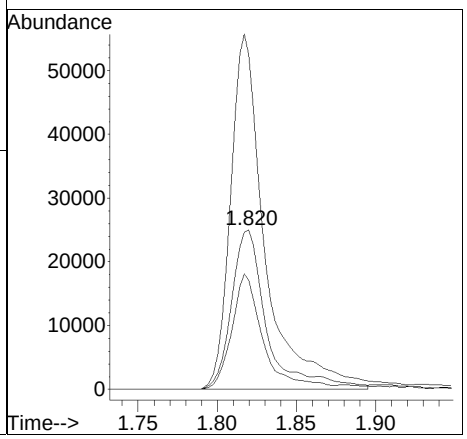


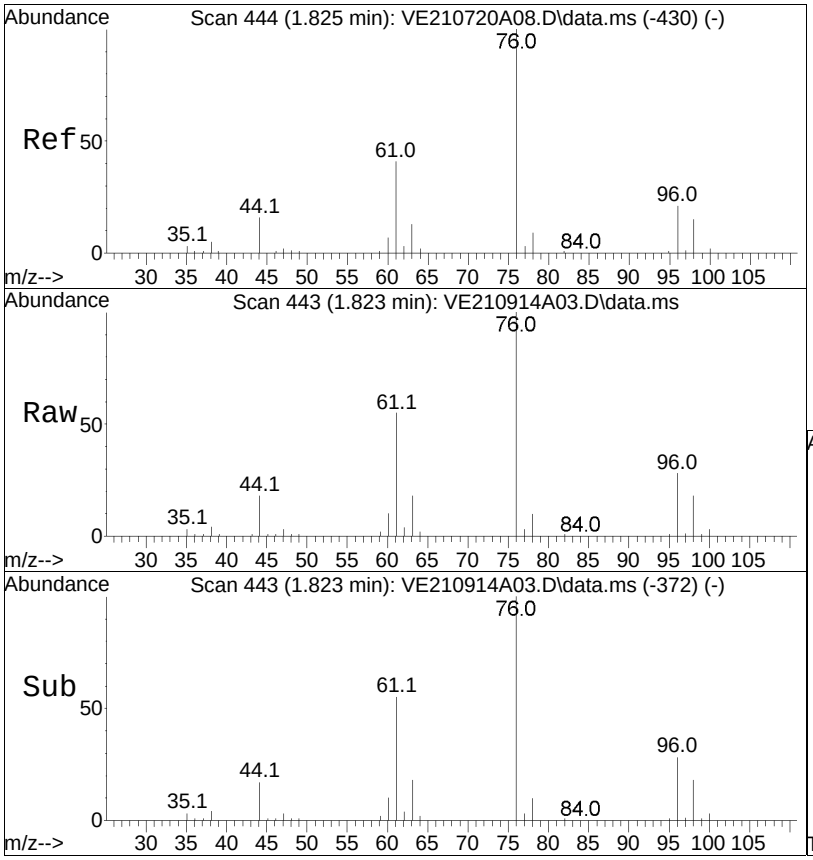


#10
1,1-Dichloroethene
Concen: 9.96 ug/L
RT: 1.820 min Scan# 442
Delta R.T. -0.000 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion: 96 Resp: 39239

Ion	Ratio	Lower	Upper
96	100		
61	219.6	186.1	279.1
63	63.8	57.6	86.4

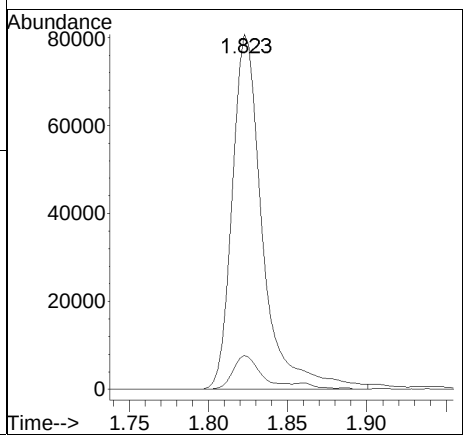


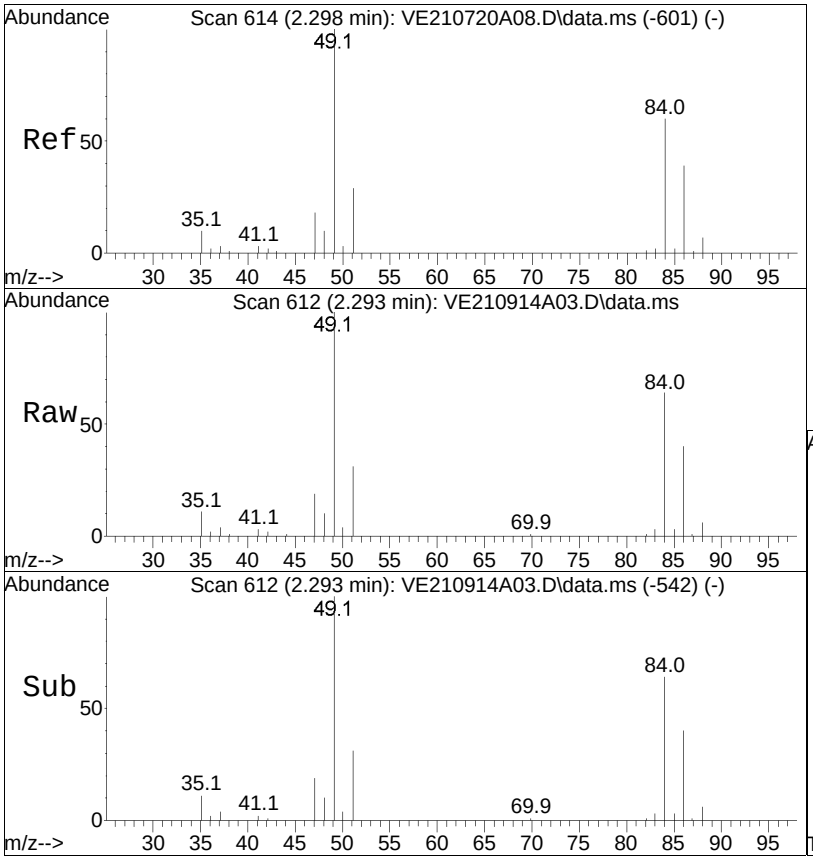


#11
Carbon disulfide
Concen: 10.08 ug/L
RT: 1.823 min Scan# 443
Delta R.T. -0.002 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion: 76 Resp: 108101

Ion	Ratio	Lower	Upper
76	100		
78	9.0	5.7	11.7

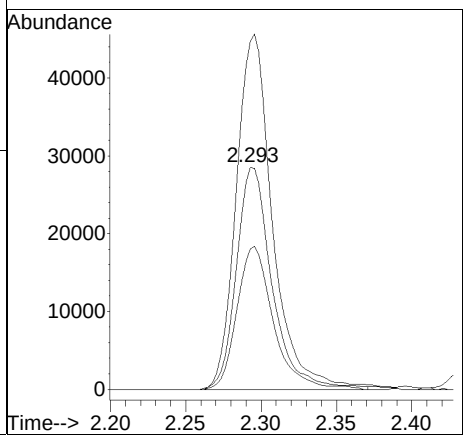


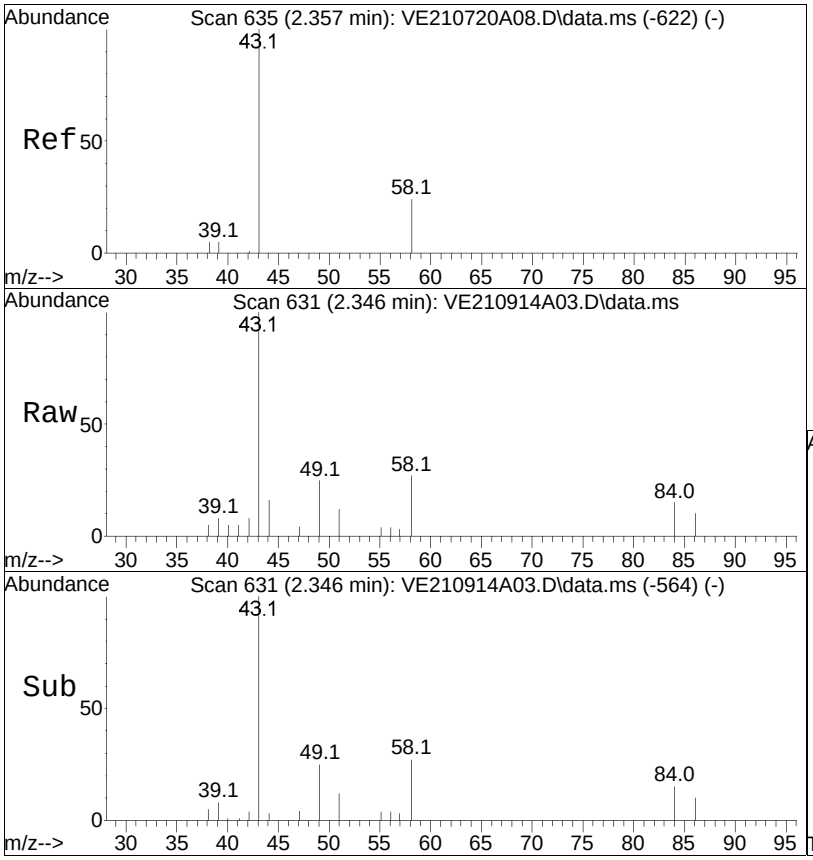


#15
Methylene chloride
Concen: 9.17 ug/L
RT: 2.293 min Scan# 612
Delta R.T. -0.005 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion: 84 Resp: 47188

Ion	Ratio	Lower	Upper
84	100		
86	64.7	40.4	83.8
49	161.6	120.0	249.2

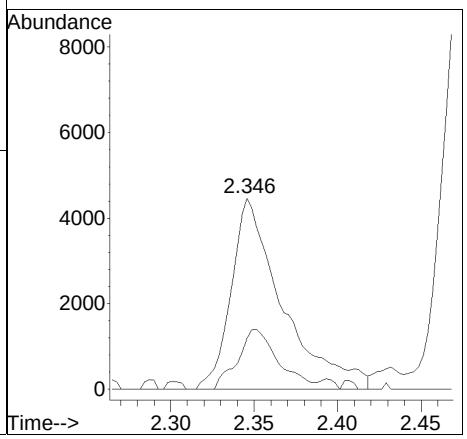


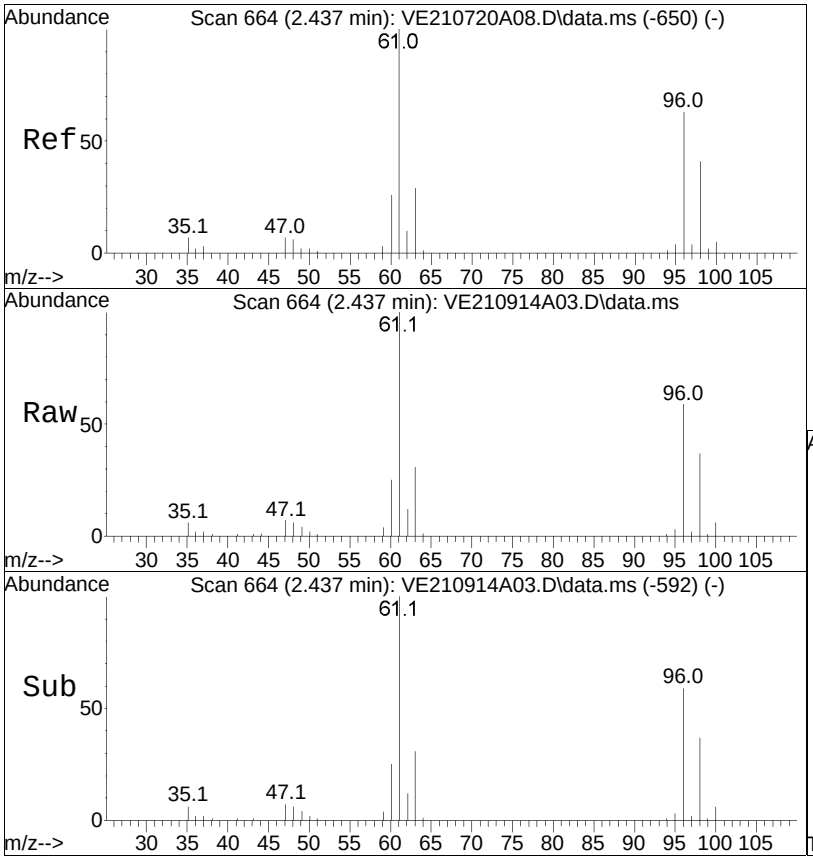


#17
Acetone
Concen: 6.09 ug/L
RT: 2.346 min Scan# 631
Delta R.T. -0.014 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion: 43 Resp: 9540

Ion	Ratio	Lower	Upper
43	100		
58	24.9	24.2	36.4

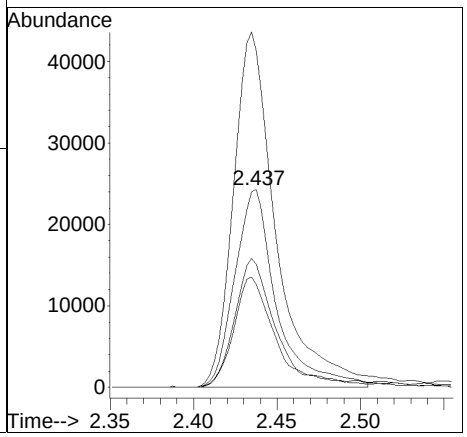


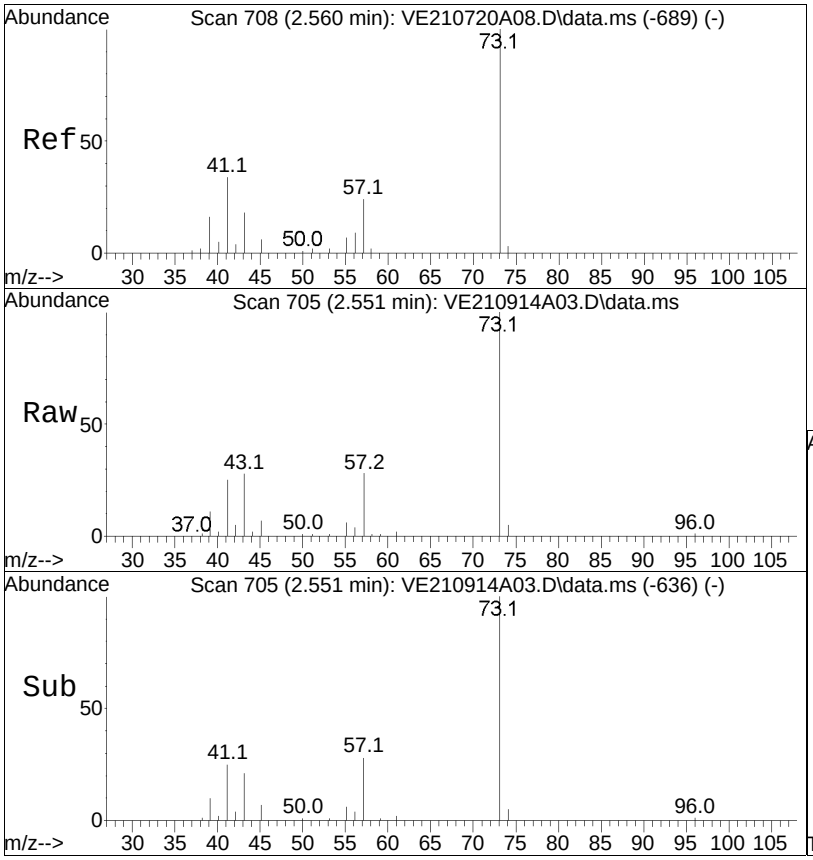


#18
trans-1,2-Dichloroethene
Concen: 9.84 ug/L
RT: 2.437 min Scan# 664
Delta R.T. 0.000 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion: 96 Resp: 42480

Ion	Ratio	Lower	Upper
96	100		
61	185.8	124.0	257.6
98	63.5	41.2	85.6
63	56.3	38.4	79.7

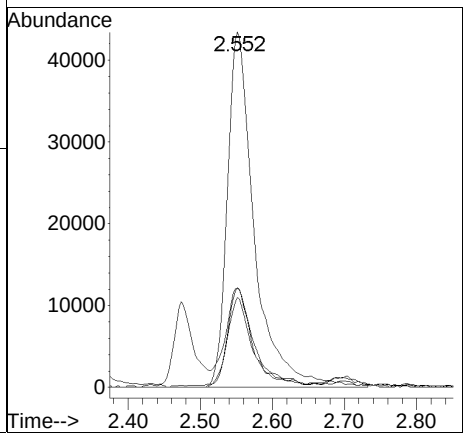


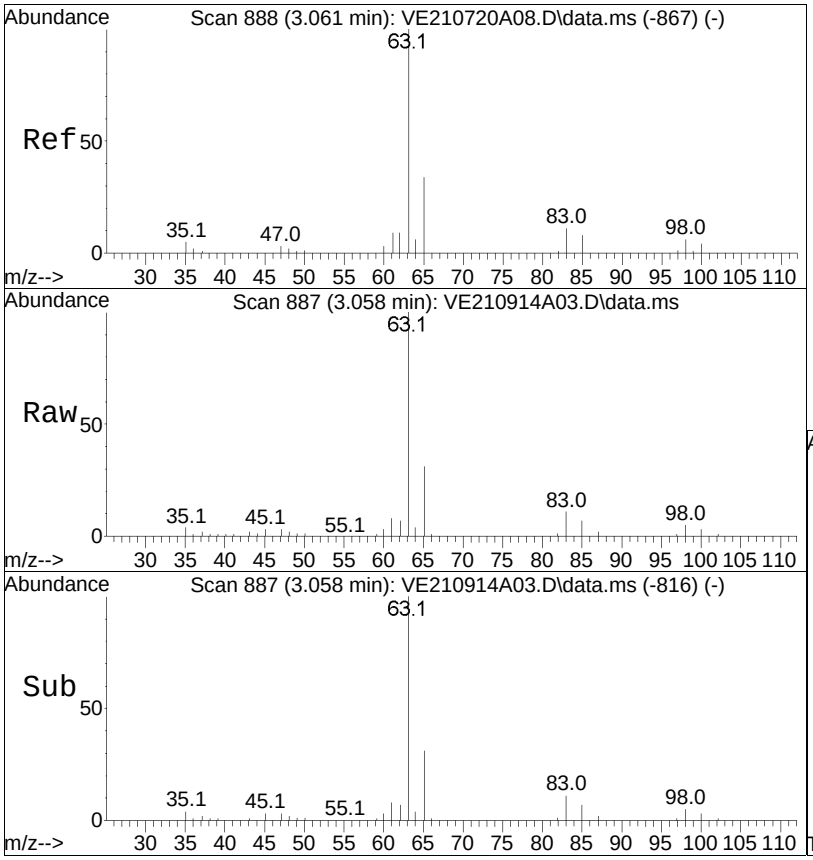


#20
Methyl tert-butyl ether
Concen: 7.98 ug/L M1
RT: 2.551 min Scan# 705
Delta R.T. -0.009 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion: 73 Resp: 114060

Ion	Ratio	Lower	Upper
73	100		
57	25.5	17.5	36.3
43	24.2	15.3	31.9
41	22.2	15.3	31.7

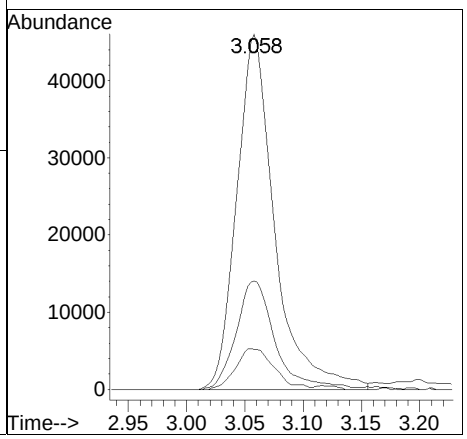


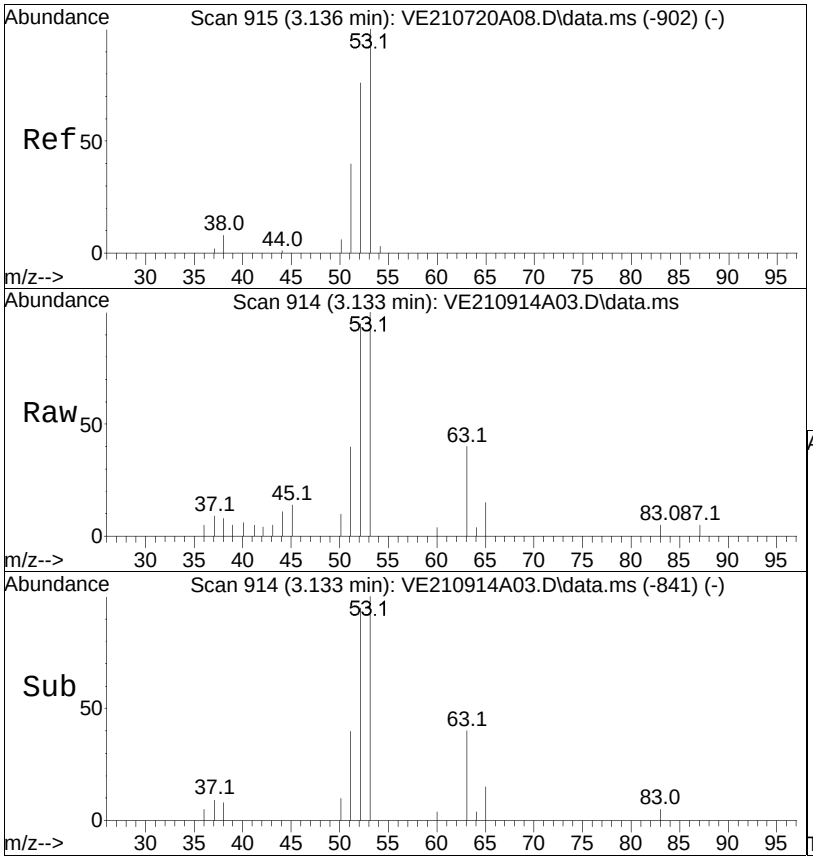


#23
1,1-Dichloroethane
Concen: 10.20 ug/L
RT: 3.058 min Scan# 887
Delta R.T. -0.003 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion: 63 Resp: 104351

Ion	Ratio	Lower	Upper
63	100		
65	31.4	11.0	51.0
83	11.3	0.0	31.8

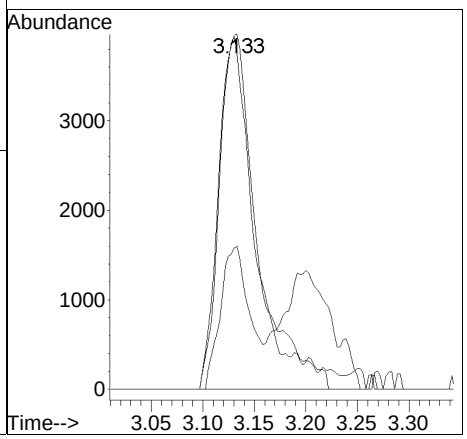


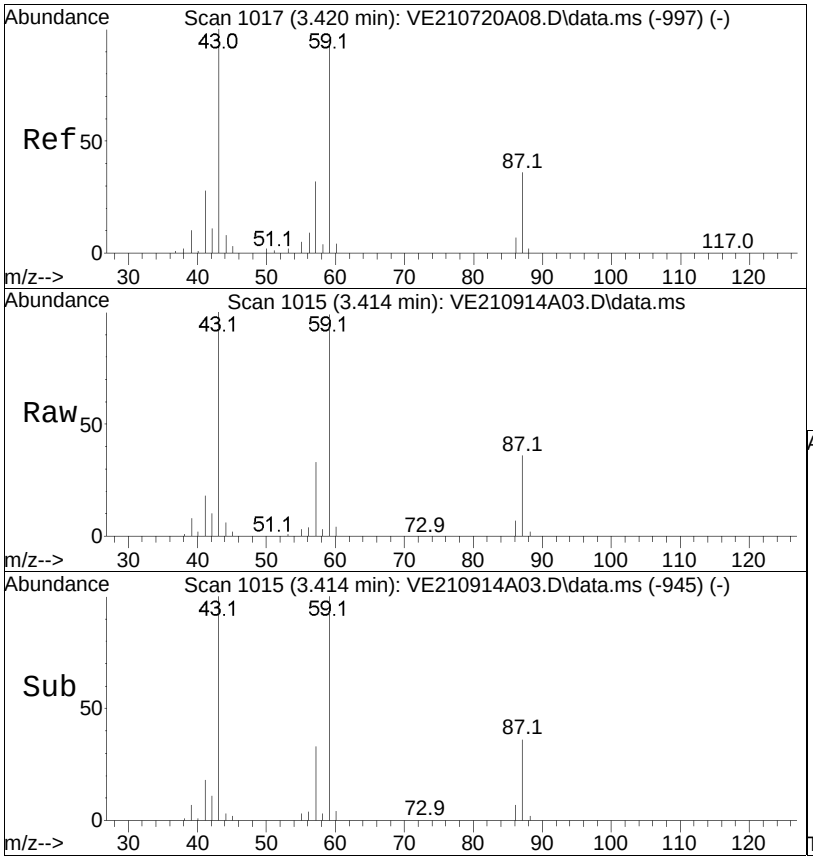


#25
Acrylonitrile
Concen: 7.13 ug/L M1
RT: 3.133 min Scan# 914
Delta R.T. 0.003 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion: 53 Resp: 10776

Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.7	100.1
51	29.3	30.6	46.0#

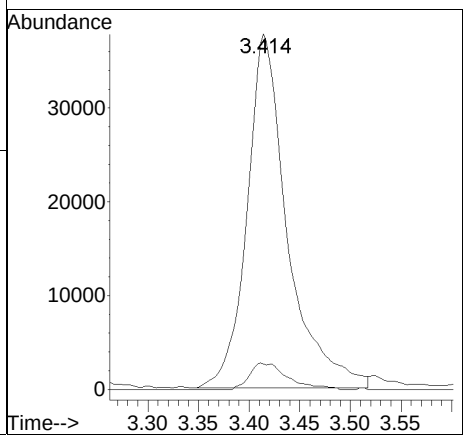


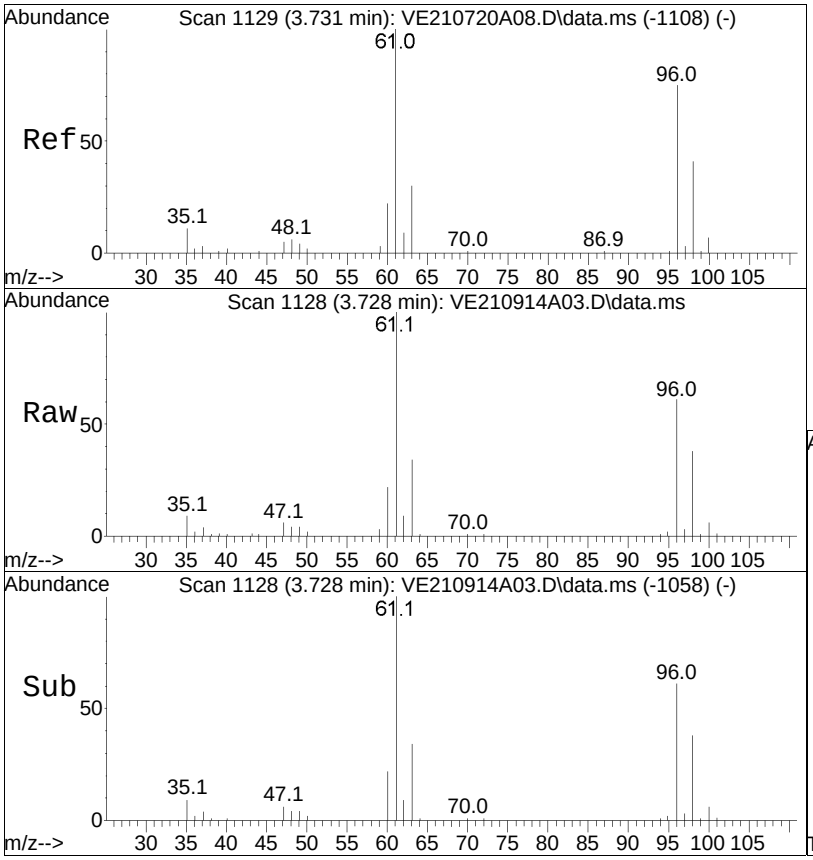


#27
Vinyl acetate
Concen: 10.00 ug/L
RT: 3.414 min Scan# 1015
Delta R.T. -0.006 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion: 43 Resp: 104892

Ion	Ratio	Lower	Upper
43	100		
86	6.7	5.2	7.8

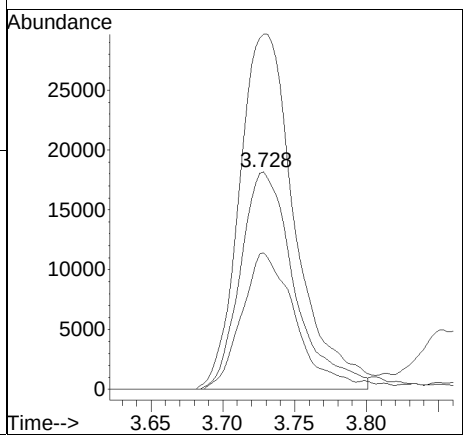


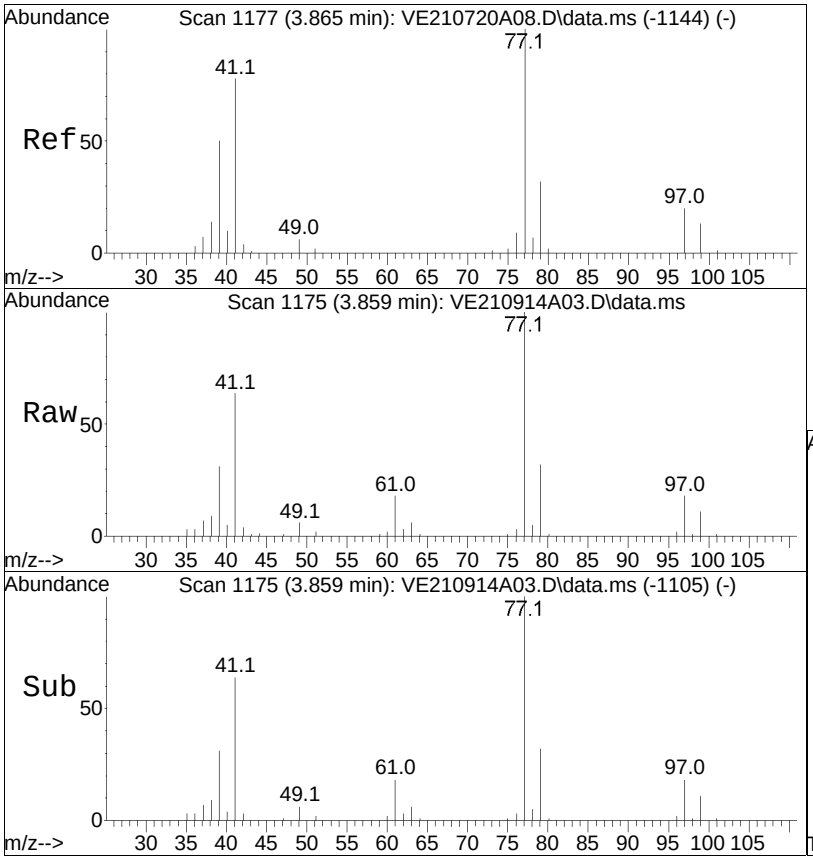


#28
cis-1,2-Dichloroethene
Concen: 9.44 ug/L
RT: 3.728 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion: 96 Resp: 47804

Ion	Ratio	Lower	Upper
96	100		
61	168.4	149.4	224.2
98	61.8	53.4	80.2

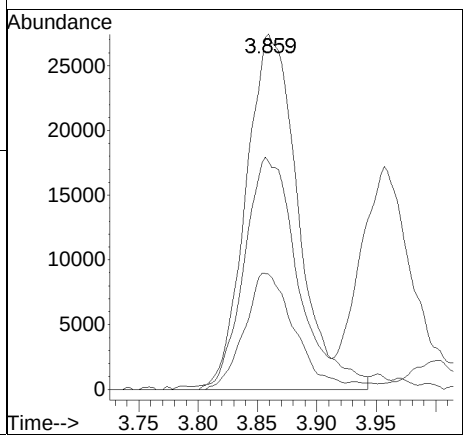


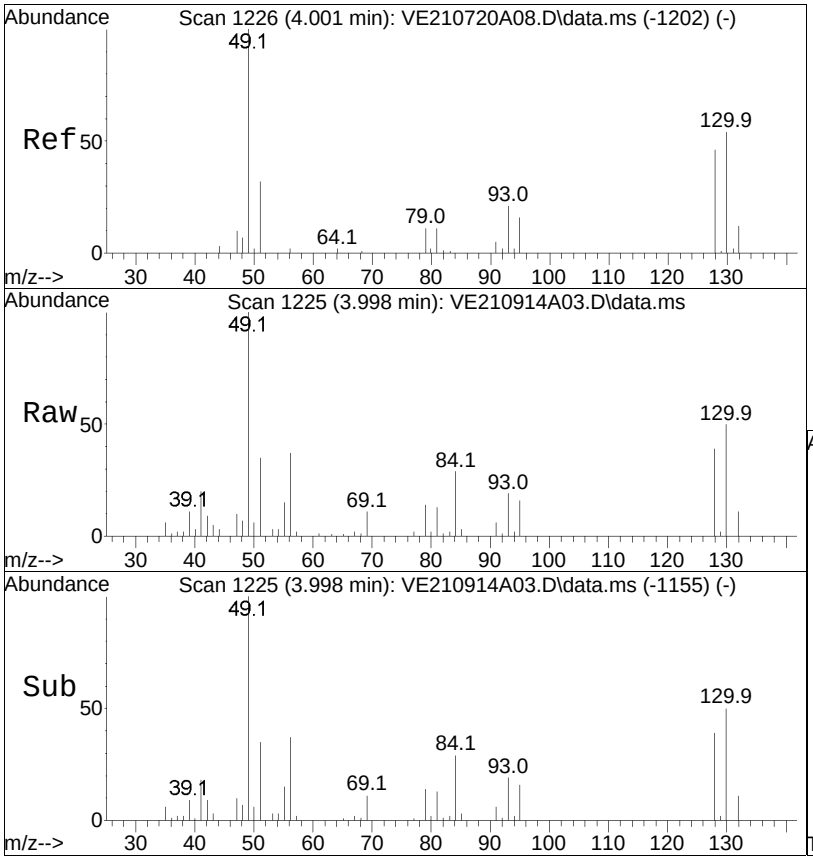


#29
2,2-Dichloropropane
Concen: 10.88 ug/L
RT: 3.859 min Scan# 1175
Delta R.T. -0.006 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion: 77 Resp: 83927

Ion	Ratio	Lower	Upper
77	100		
41	63.1	38.0	78.8
79	31.1	20.5	42.5

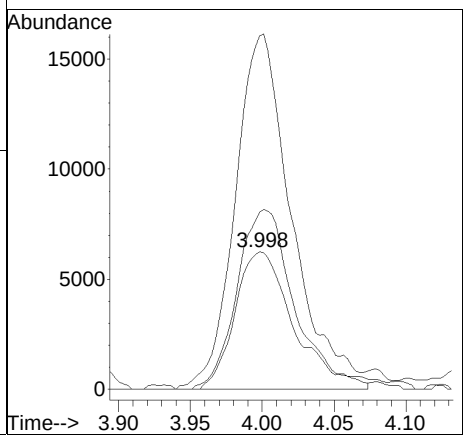


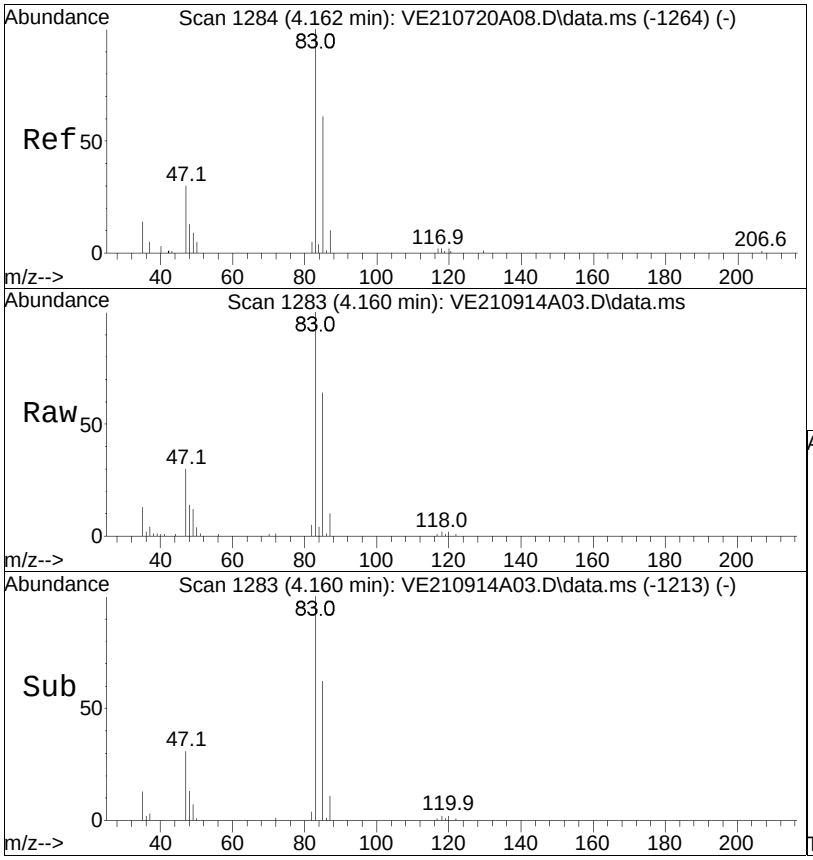


#30
Bromochloromethane
Concen: 9.25 ug/L
RT: 3.998 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion:128 Resp: 17883

Ion	Ratio	Lower	Upper
128	100		
49	245.9	223.0	334.4
130	130.1	111.4	167.0

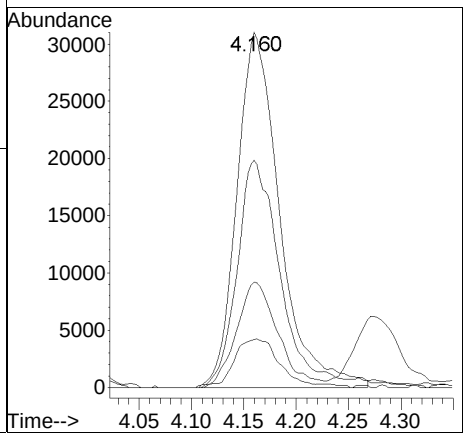


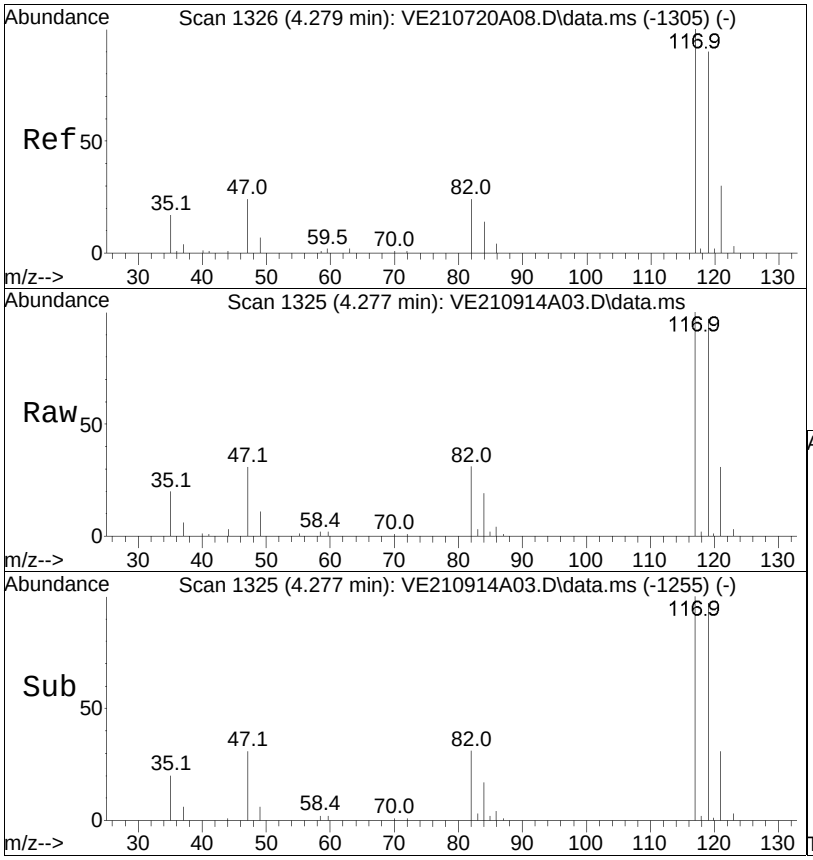


#32
Chloroform
Concen: 9.81 ug/L
RT: 4.160 min Scan# 1283
Delta R.T. -0.005 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion: 83 Resp: 88129

Ion	Ratio	Lower	Upper
83	100		
85	63.9	41.5	86.1
47	29.0	19.0	39.4
48	14.1	9.9	20.5

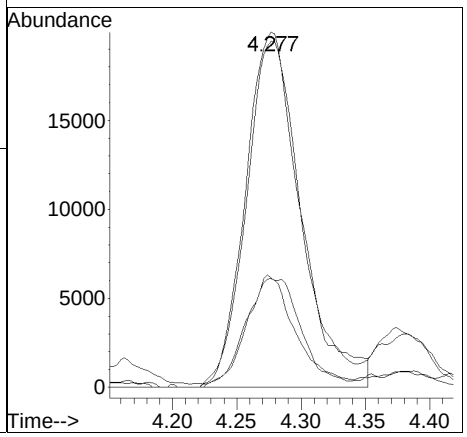


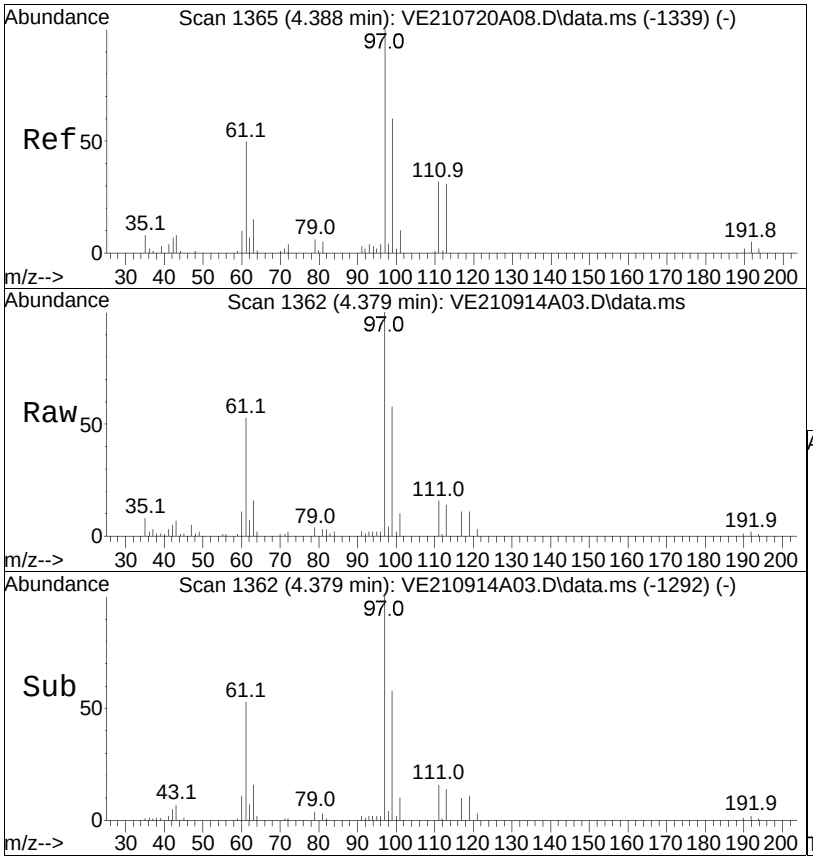


#34
Carbon tetrachloride
Concen: 9.87 ug/L
RT: 4.277 min Scan# 1325
Delta R.T. -0.005 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion:117 Resp: 59840

Ion	Ratio	Lower	Upper
117	100		
119	95.5	62.4	129.6
121	30.6	19.5	40.5
82	28.8	17.0	35.4

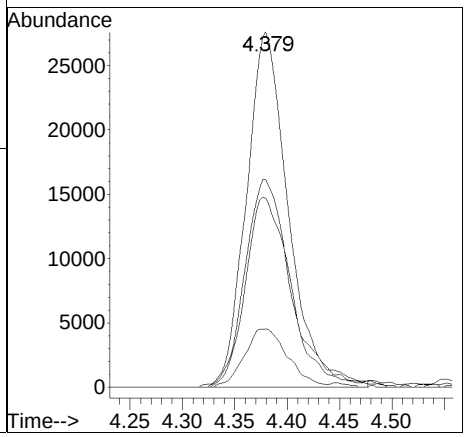


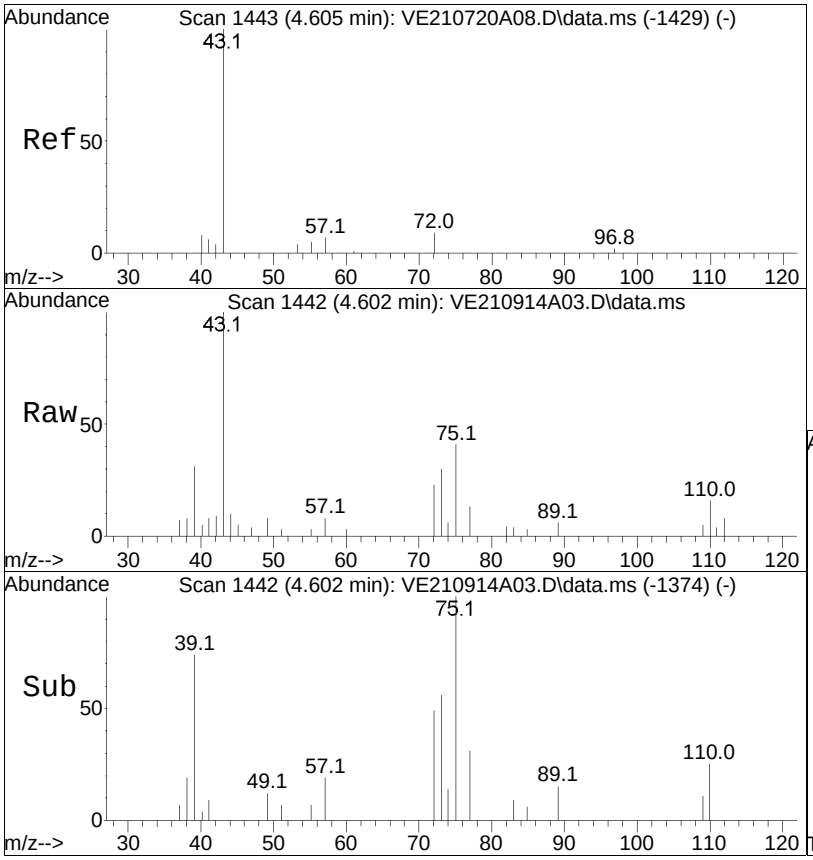


#37
1,1,1-Trichloroethane
Concen: 9.90 ug/L
RT: 4.379 min Scan# 1362
Delta R.T. -0.006 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion: 97 Resp: 77503

Ion	Ratio	Lower	Upper
97	100		
99	62.2	40.7	84.5
61	59.4	35.4	73.4
63	16.9	5.0	10.4#

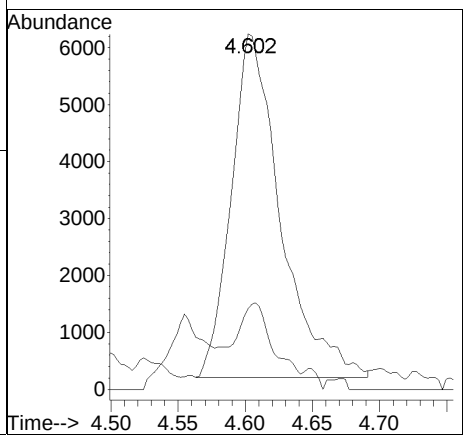


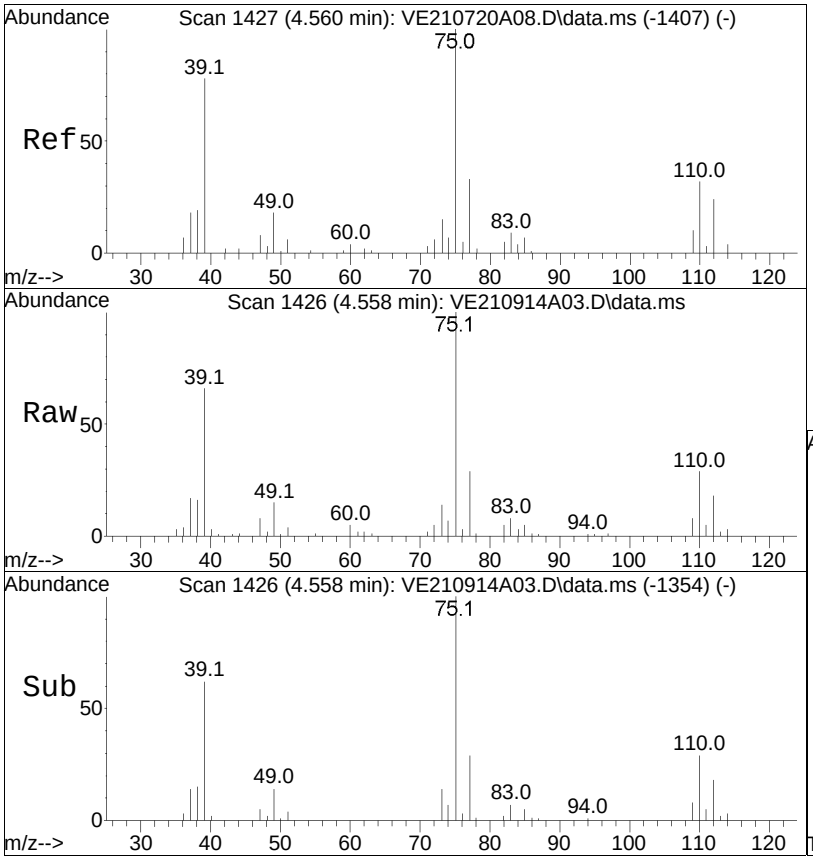


#39
2-Butanone
Concen: 7.59 ug/L
RT: 4.602 min Scan# 1442
Delta R.T. -0.011 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion: 43 Resp: 15438

Ion	Ratio	Lower	Upper
43	100		
72	13.9	10.9	16.3

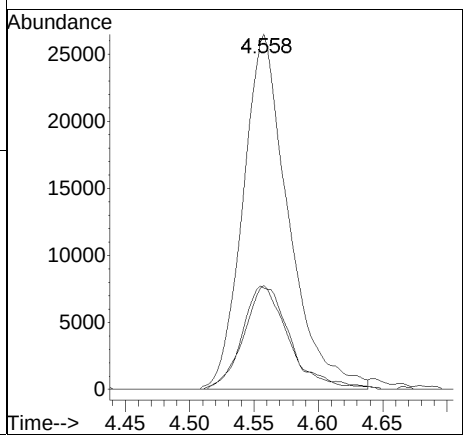


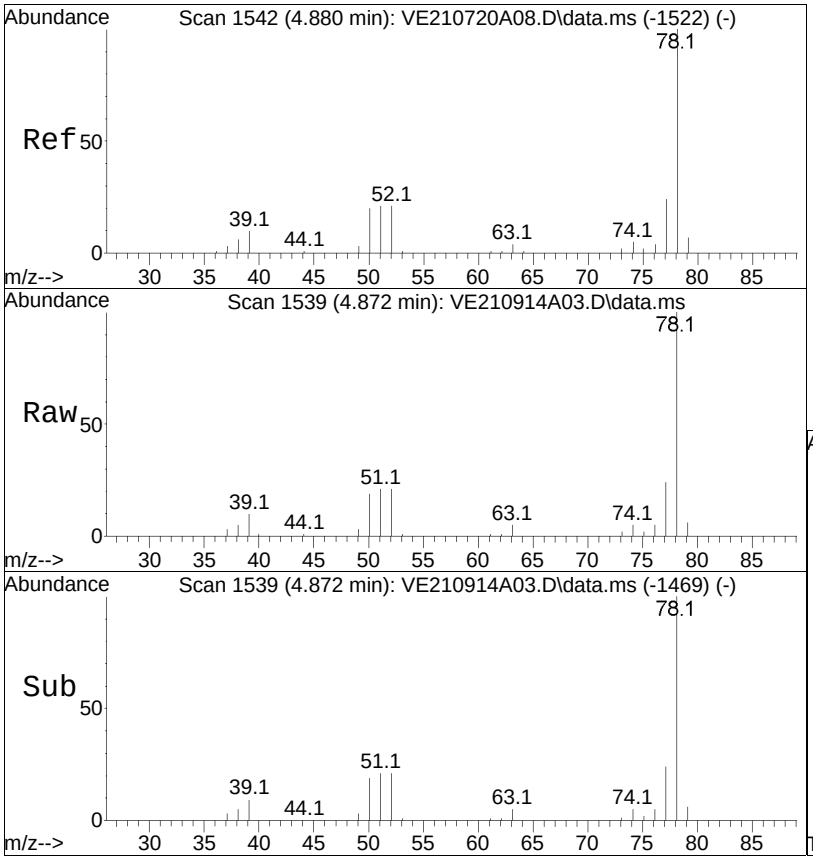


#40
1,1-Dichloropropene
Concen: 10.22 ug/L
RT: 4.558 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion: 75 Resp: 65085

Ion	Ratio	Lower	Upper
75	100		
110	30.4	20.2	41.9
77	29.2	20.1	41.7

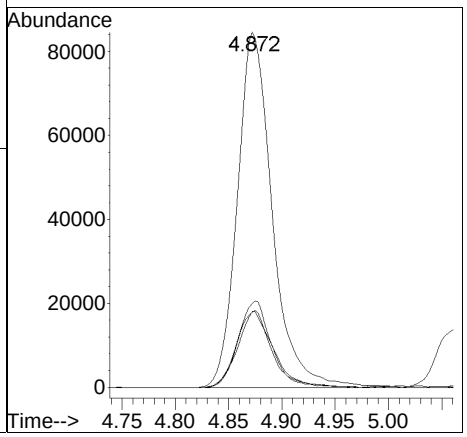


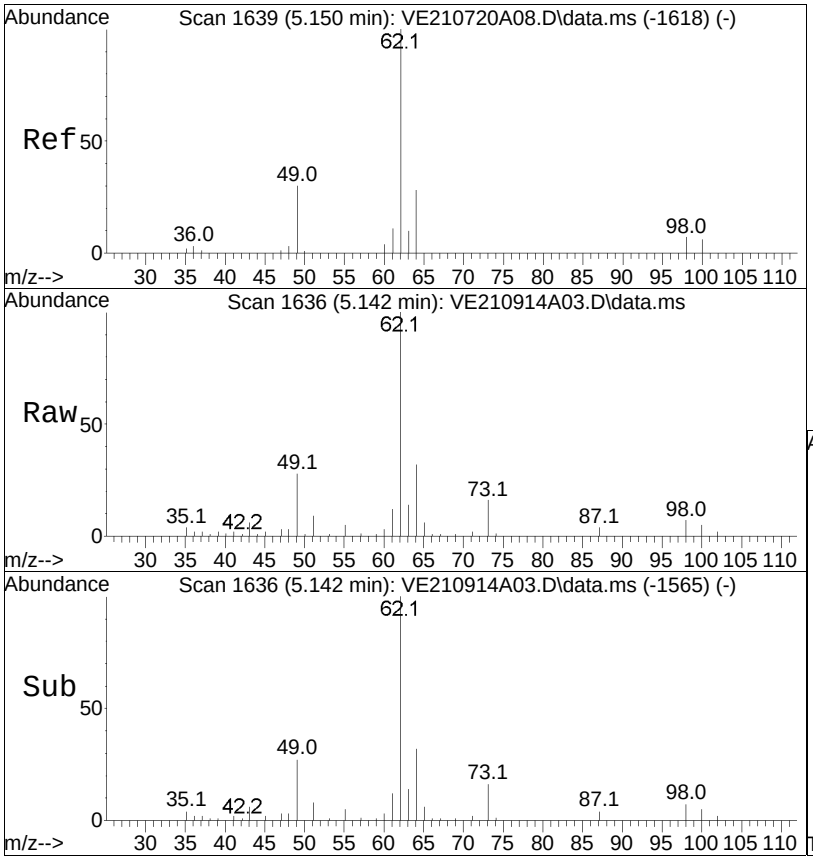


#41
Benzene
Concen: 9.78 ug/L
RT: 4.872 min Scan# 1539
Delta R.T. -0.005 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion: 78 Resp: 192925

Ion	Ratio	Lower	Upper
78	100		
77	24.1	15.7	32.7
51	21.8	16.0	33.2
52	20.3	15.3	31.9

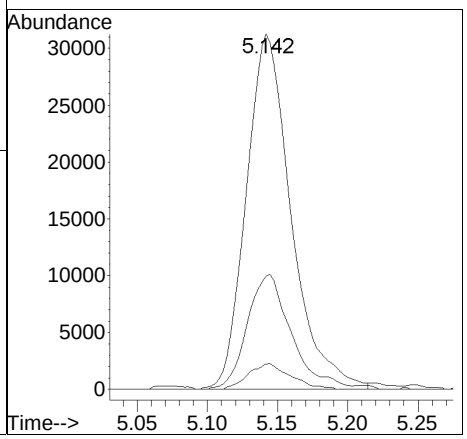


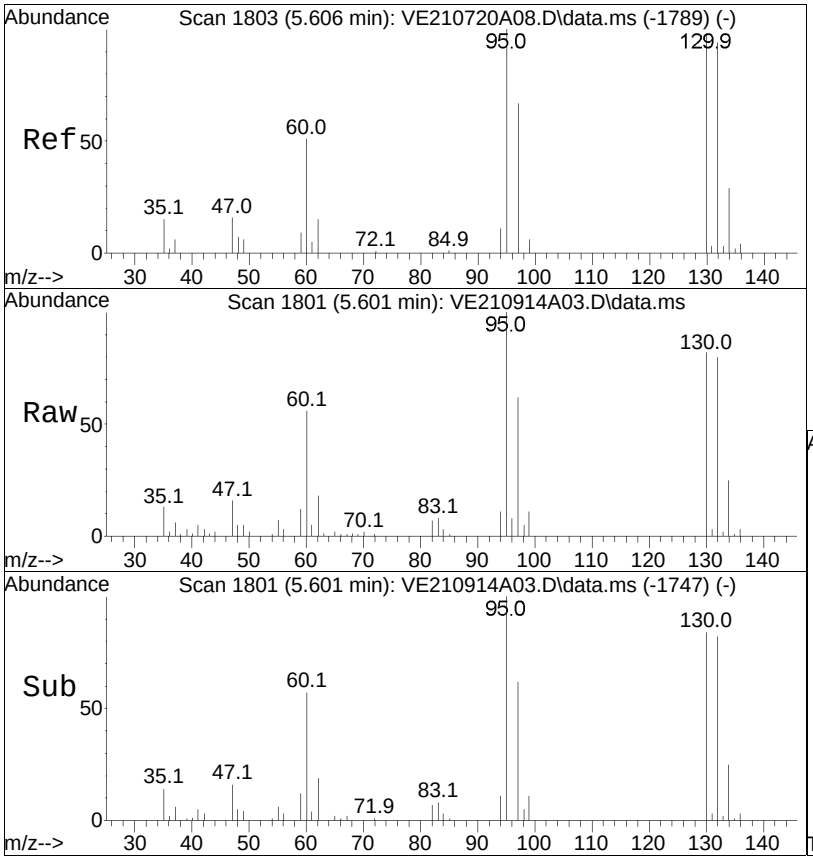


#44
1,2-Dichloroethane
Concen: 8.61 ug/L
RT: 5.142 min Scan# 1636
Delta R.T. -0.003 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion: 62 Resp: 69474

Ion	Ratio	Lower	Upper
62	100		
64	31.7	11.2	51.2
98	6.9	0.0	26.1

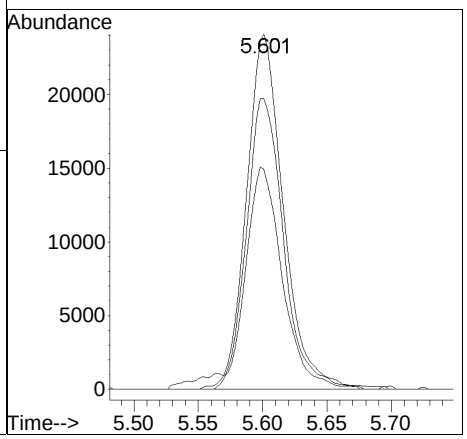


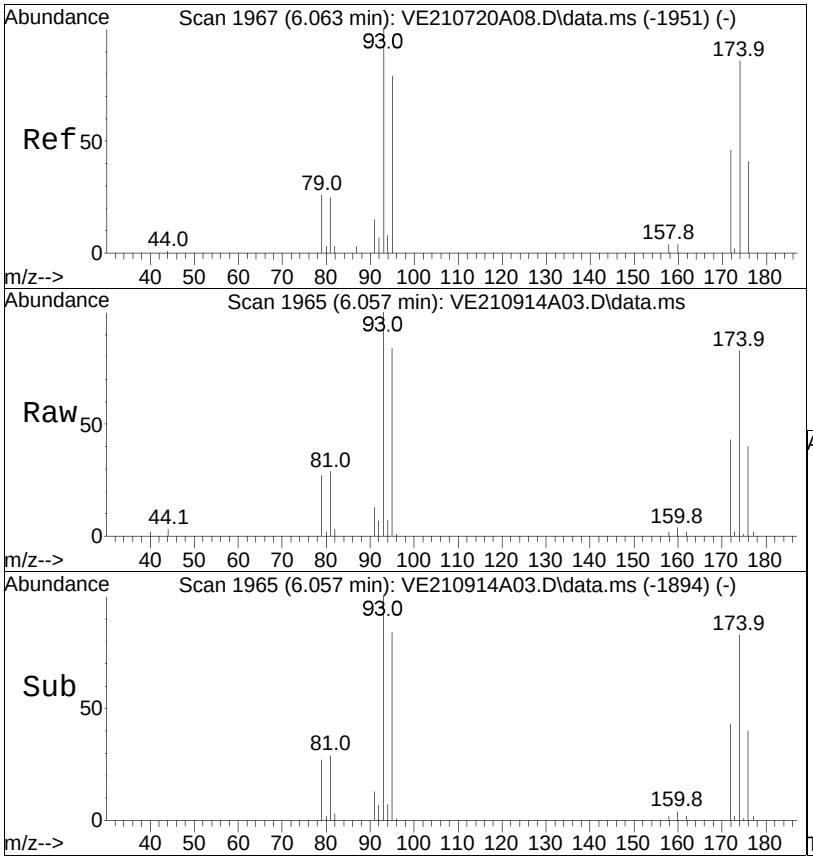


#48
Trichloroethene
Concen: 10.01 ug/L
RT: 5.601 min Scan# 1801
Delta R.T. -0.000 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion: 95 Resp: 48242

Ion	Ratio	Lower	Upper
95	100		
97	61.6	55.5	83.3
130	82.7	76.6	115.0

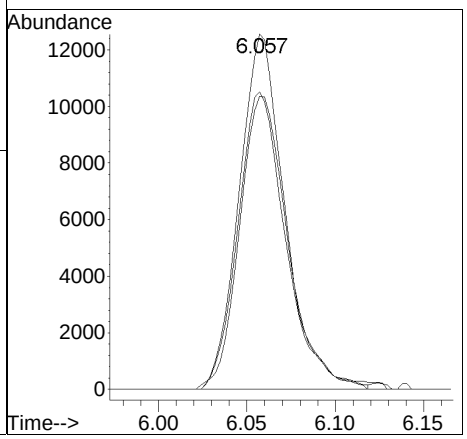


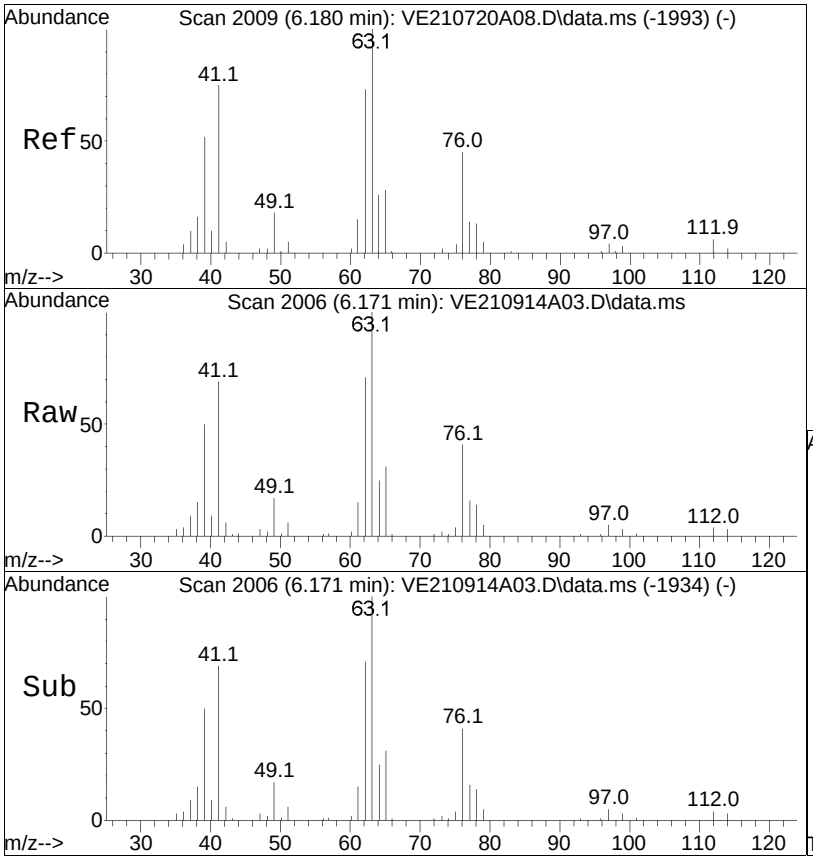


#50
Dibromomethane
Concen: 8.22 ug/L
RT: 6.057 min Scan# 1965
Delta R.T. -0.003 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion: 93 Resp: 22769

Ion	Ratio	Lower	Upper
93	100		
95	87.2	67.0	100.4
174	87.4	75.0	112.4

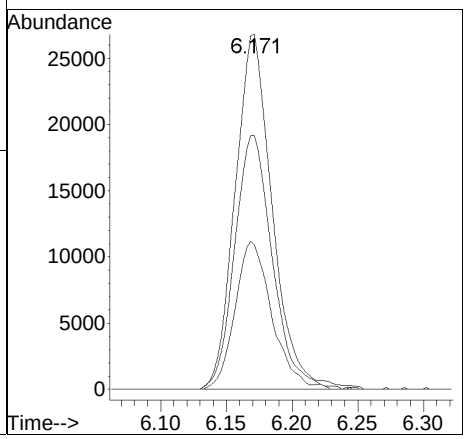


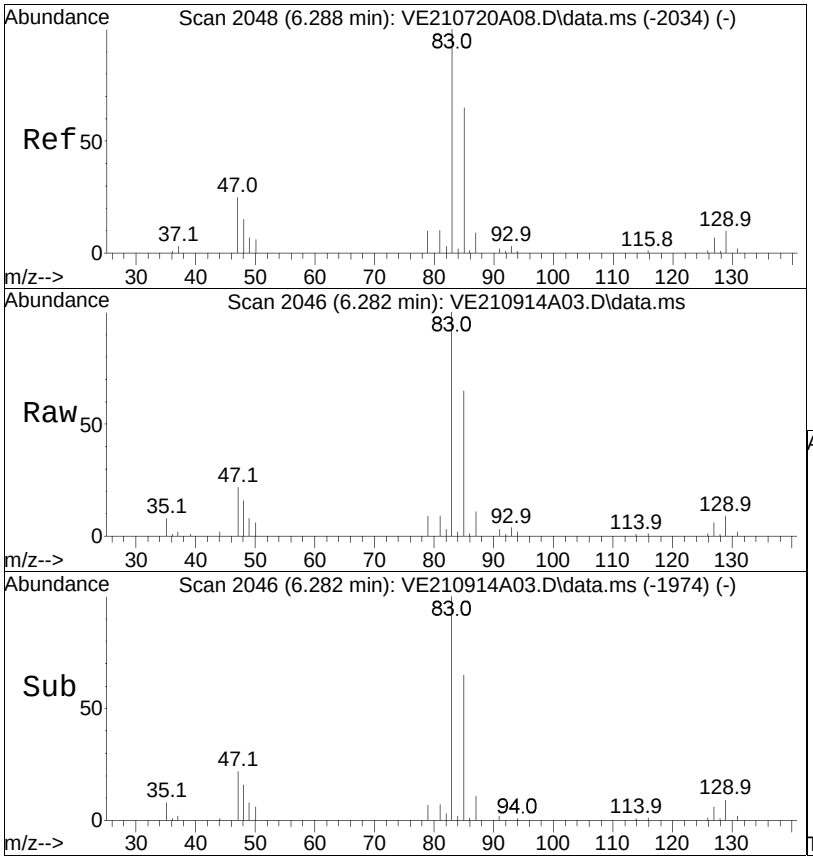


#51
1,2-Dichloropropane
Concen: 9.36 ug/L
RT: 6.171 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion: 63 Resp: 52936

Ion	Ratio	Lower	Upper
63	100		
62	72.5	58.6	87.8
76	40.9	38.0	57.0

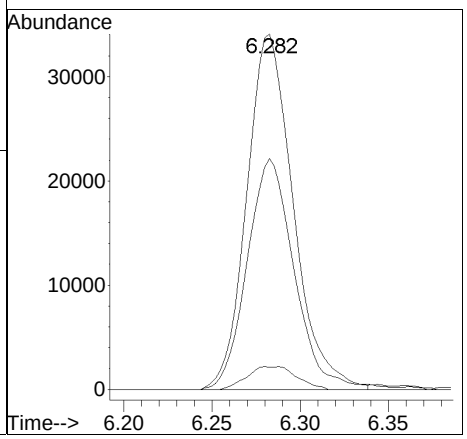


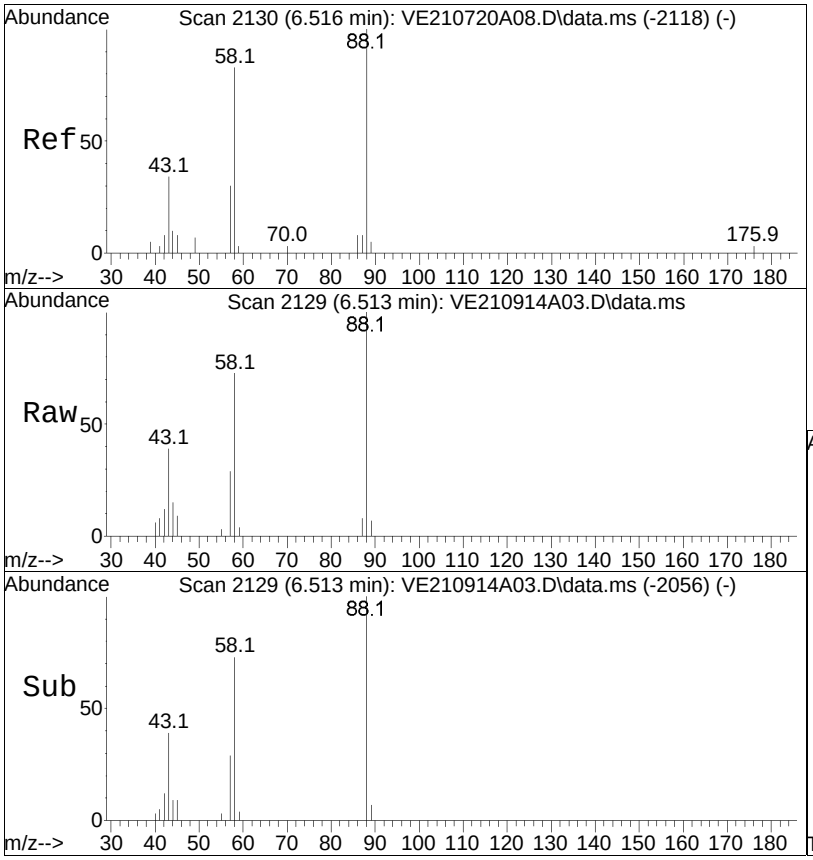


#54
Bromodichloromethane
Concen: 8.80 ug/L
RT: 6.282 min Scan# 2046
Delta R.T. 0.000 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion: 83 Resp: 62431

Ion	Ratio	Lower	Upper
83	100		
85	65.9	52.3	78.5
127	6.8	6.2	9.4

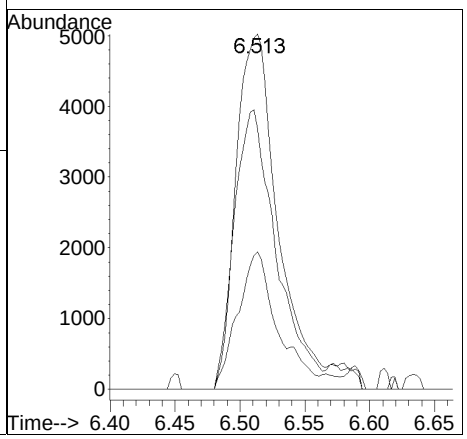


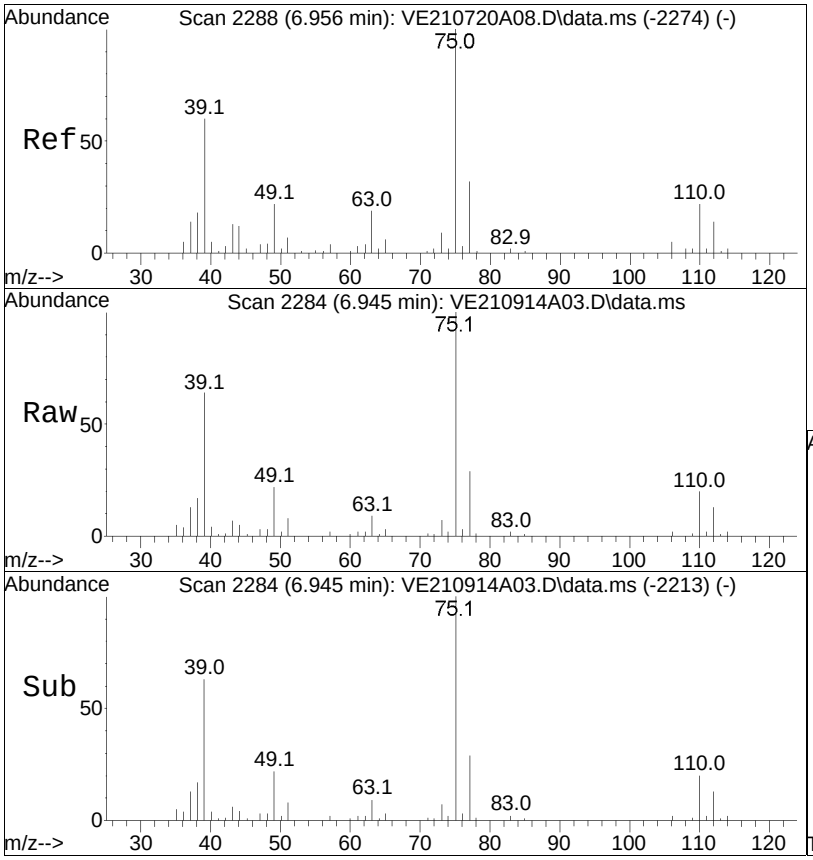


#57
1,4-Dioxane
Concen: 336.37 ug/L M1
RT: 6.513 min Scan# 2129
Delta R.T. 0.002 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion: 88 Resp: 11685

Ion	Ratio	Lower	Upper
88	100		
58	76.7	76.7	115.1#
43	35.8	36.2	54.2#

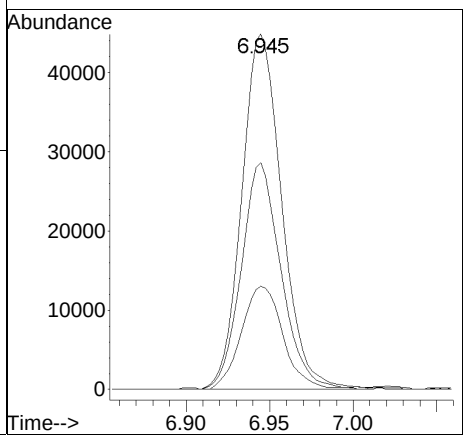


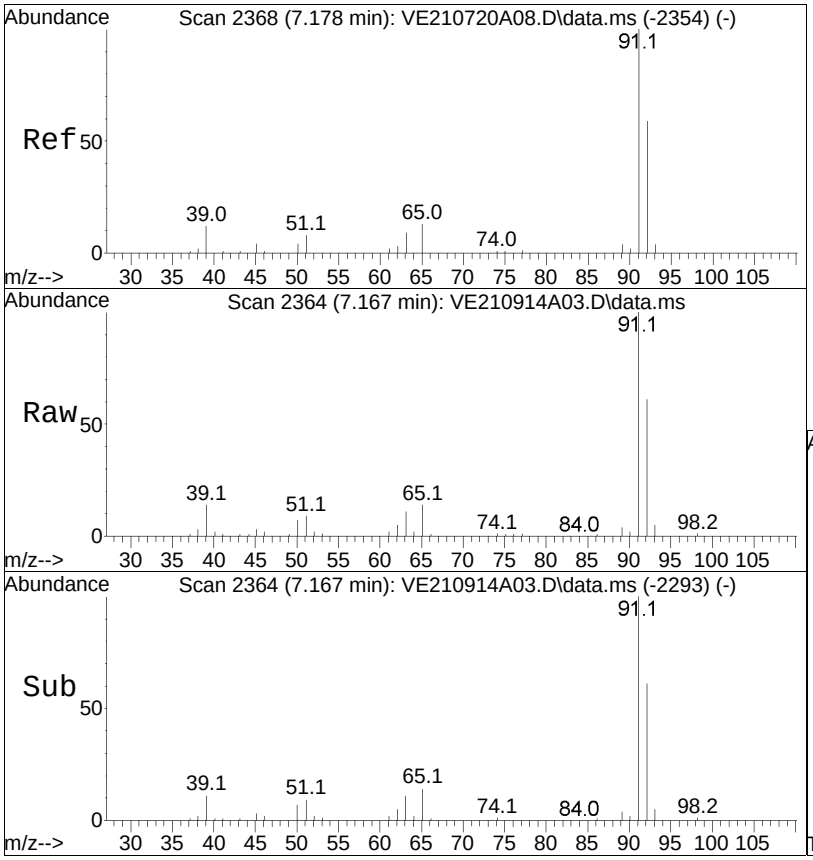


#58
cis-1,3-Dichloropropene
Concen: 9.39 ug/L
RT: 6.945 min Scan# 2284
Delta R.T. -0.002 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion: 75 Resp: 74845

Ion	Ratio	Lower	Upper
75	100		
77	30.1	25.0	37.4
39	63.2	50.1	75.1

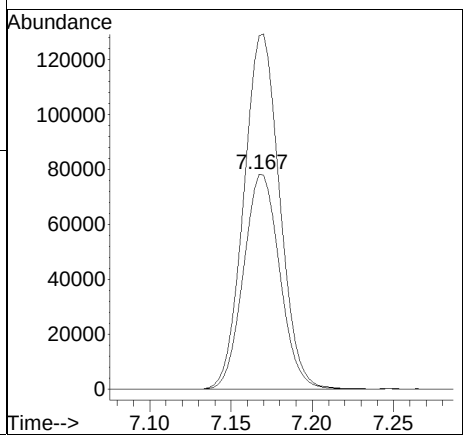


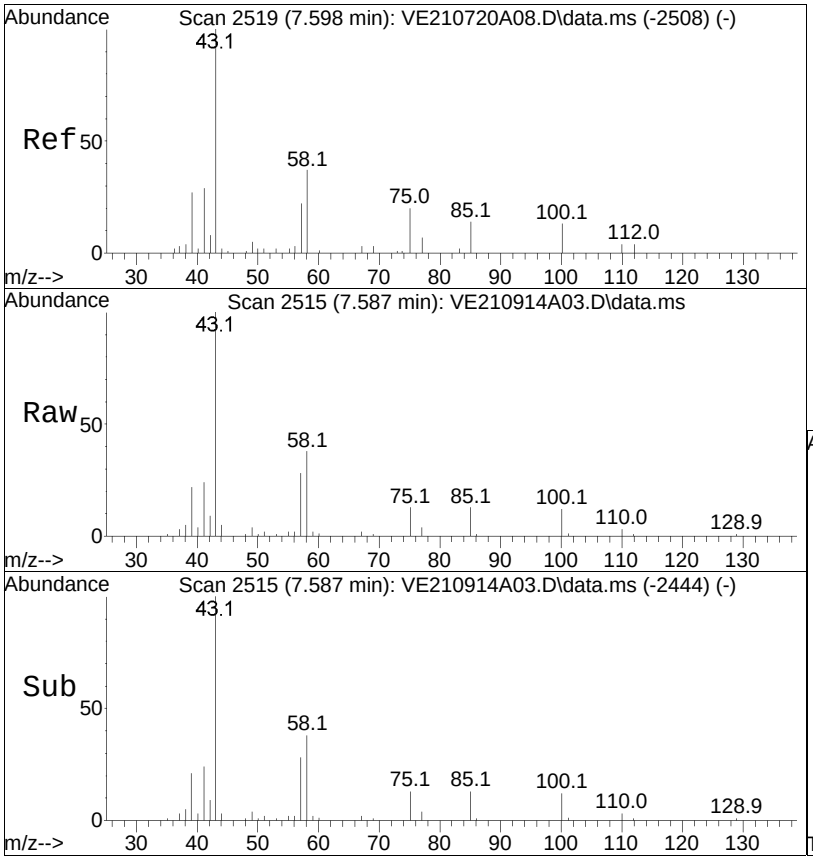


#61
Toluene
Concen: 9.87 ug/L
RT: 7.167 min Scan# 2364
Delta R.T. -0.003 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion: 92 Resp: 122075

Ion	Ratio	Lower	Upper
92	100		
91	163.2	139.8	209.6

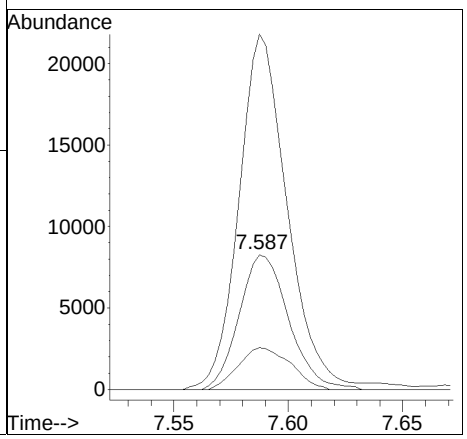


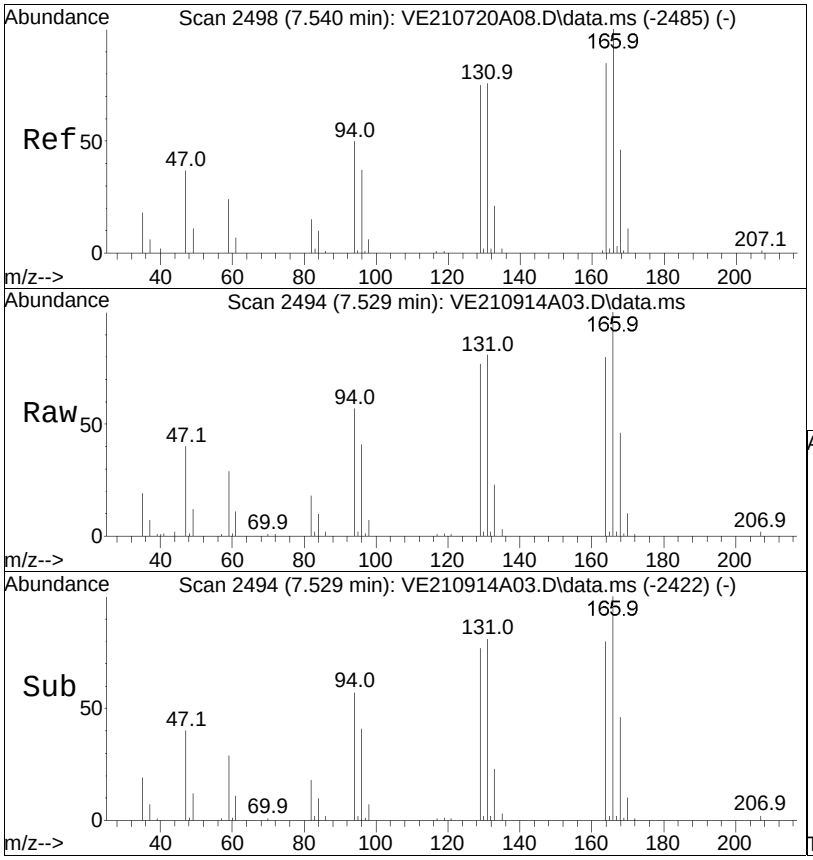


#62
4-Methyl-2-pentanone
Concen: 7.16 ug/L
RT: 7.587 min Scan# 2515
Delta R.T. -0.003 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion: 58 Resp: 12422

Ion	Ratio	Lower	Upper
58	100		
100	32.8	20.2	30.2#
43	260.1	196.6	295.0

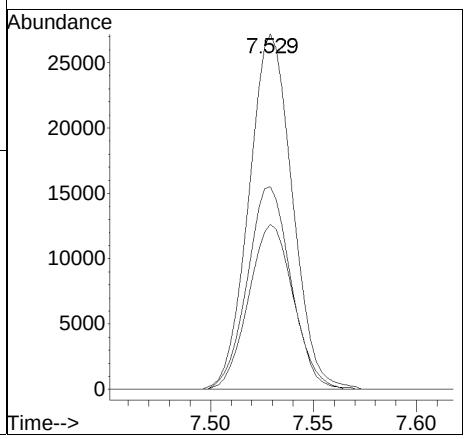


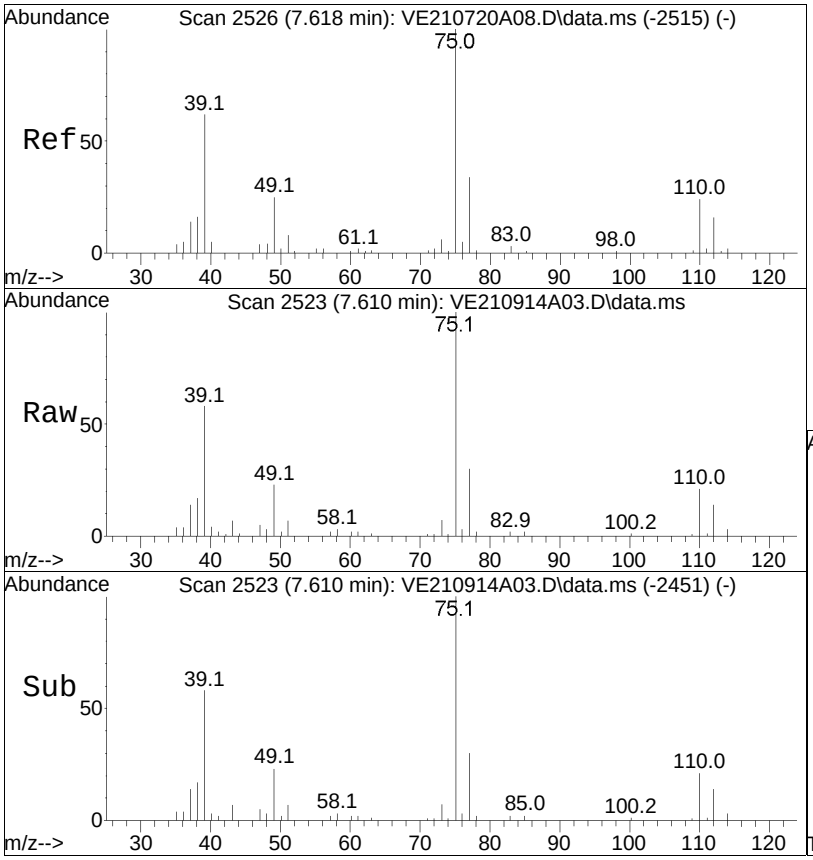


#63
Tetrachloroethene
Concen: 9.66 ug/L
RT: 7.529 min Scan# 2494
Delta R.T. -0.000 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion:166 Resp: 39931

Ion	Ratio	Lower	Upper
166	100		
168	47.8	28.2	68.2
94	57.4	38.4	78.4

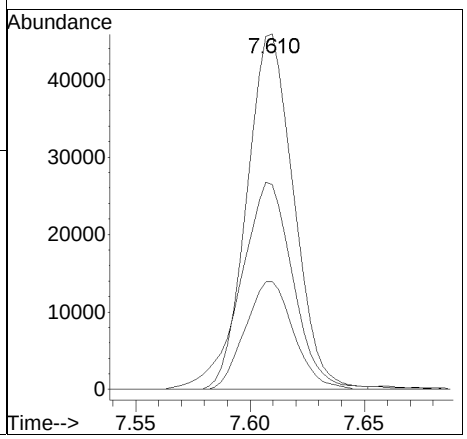


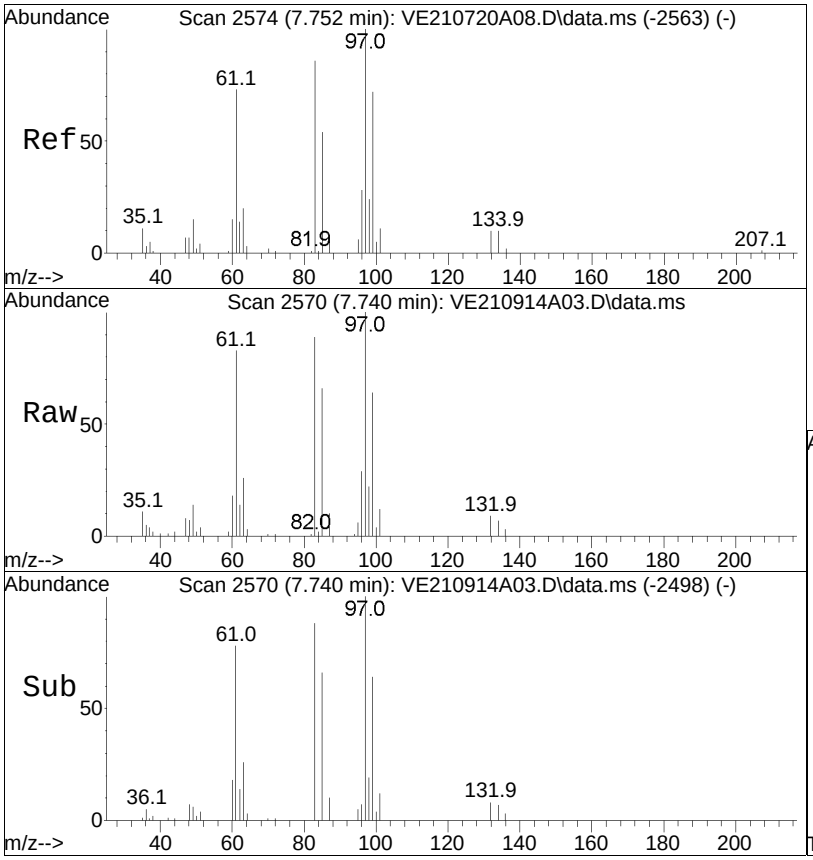


#65
trans-1,3-Dichloropropene
Concen: 9.08 ug/L
RT: 7.610 min Scan# 2523
Delta R.T. -0.000 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion: 75 Resp: 65152

Ion	Ratio	Lower	Upper
75	100		
77	31.4	12.4	52.4
39	65.7	42.8	82.8

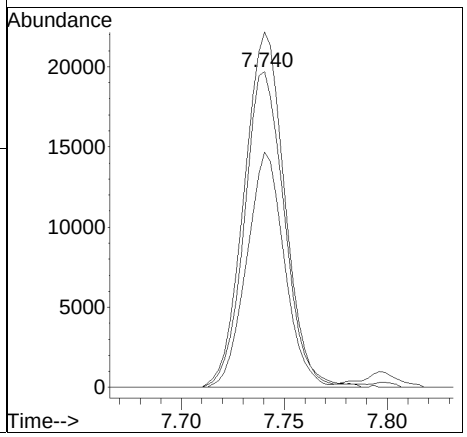


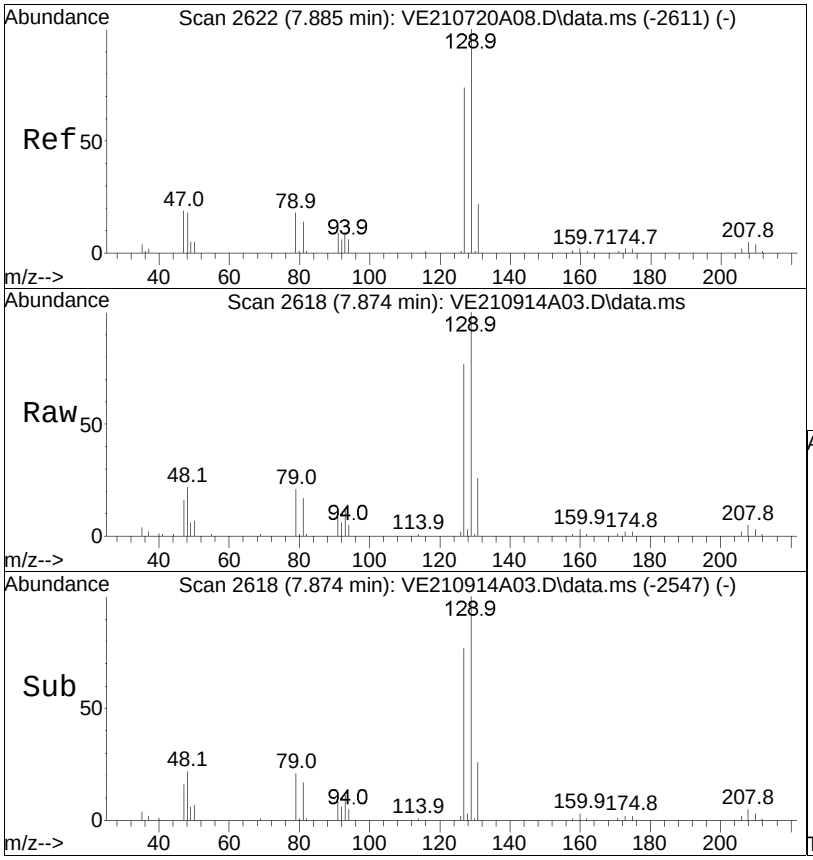


#68
1,1,2-Trichloroethane
Concen: 8.22 ug/L
RT: 7.740 min Scan# 2570
Delta R.T. 0.000 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion: 83 Resp: 26650

Ion	Ratio	Lower	Upper
83	100		
97	114.2	89.8	129.8
85	70.3	44.4	84.4

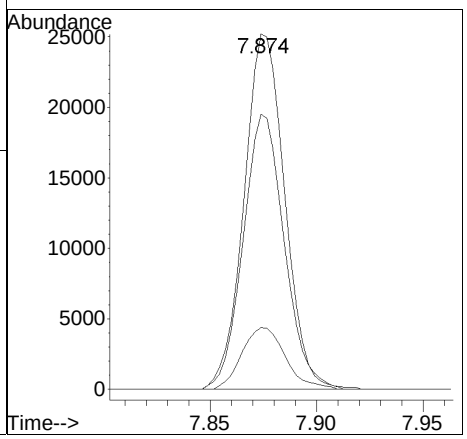


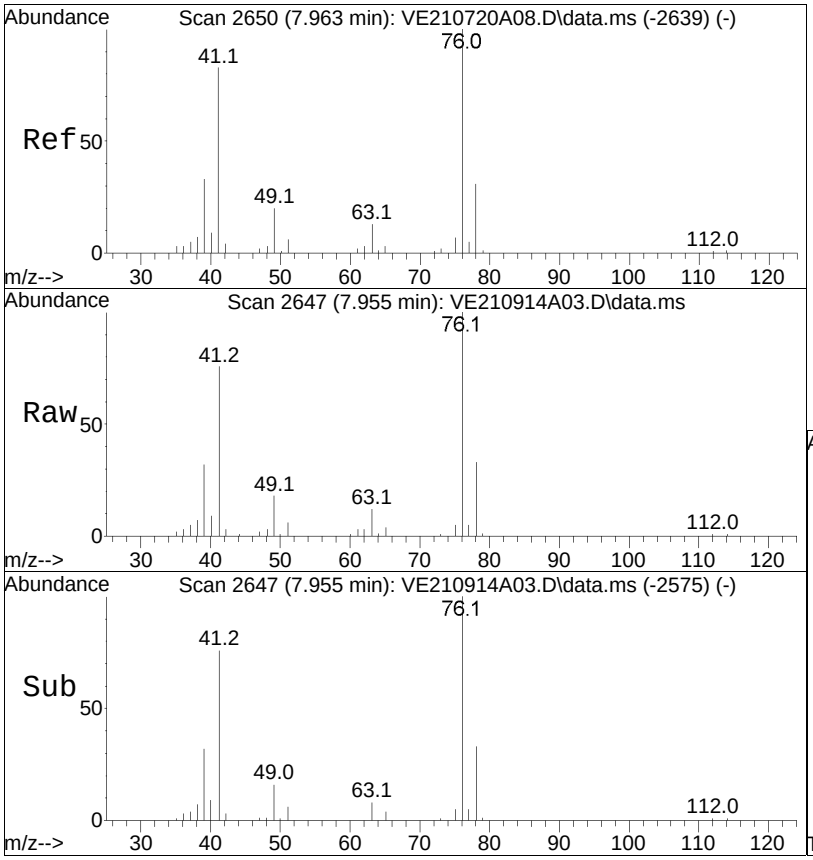


#69
Chlorodibromomethane
Concen: 8.27 ug/L
RT: 7.874 min Scan# 2618
Delta R.T. -0.003 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion:129 Resp: 33587

Ion	Ratio	Lower	Upper
129	100		
81	18.6	2.9	42.9
127	78.2	57.8	97.8

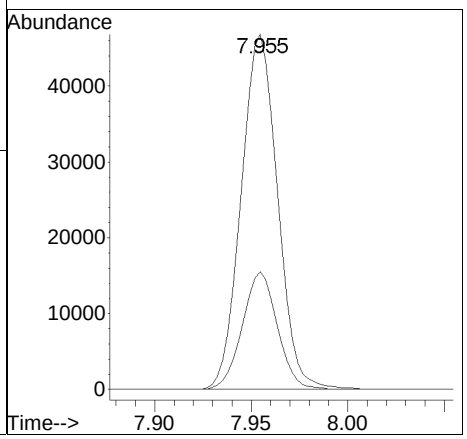


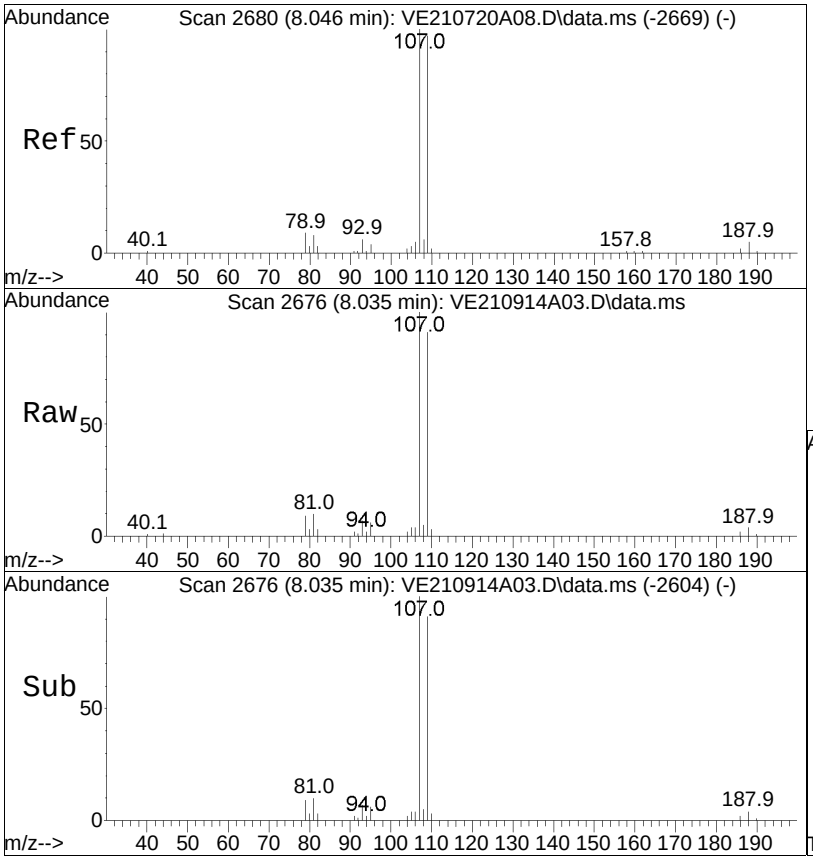


#70
1,3-Dichloropropane
Concen: 8.37 ug/L
RT: 7.955 min Scan# 2647
Delta R.T. -0.000 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion: 76 Resp: 61418

Ion	Ratio	Lower	Upper
76	100		
78	31.8	25.5	38.3

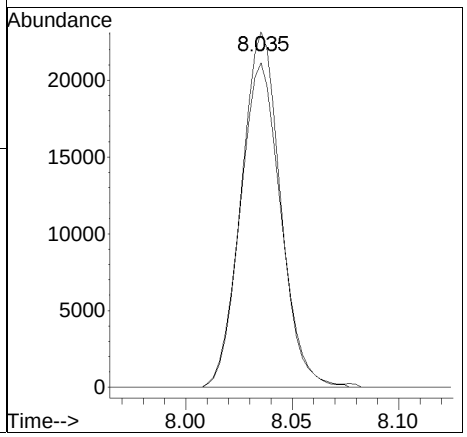


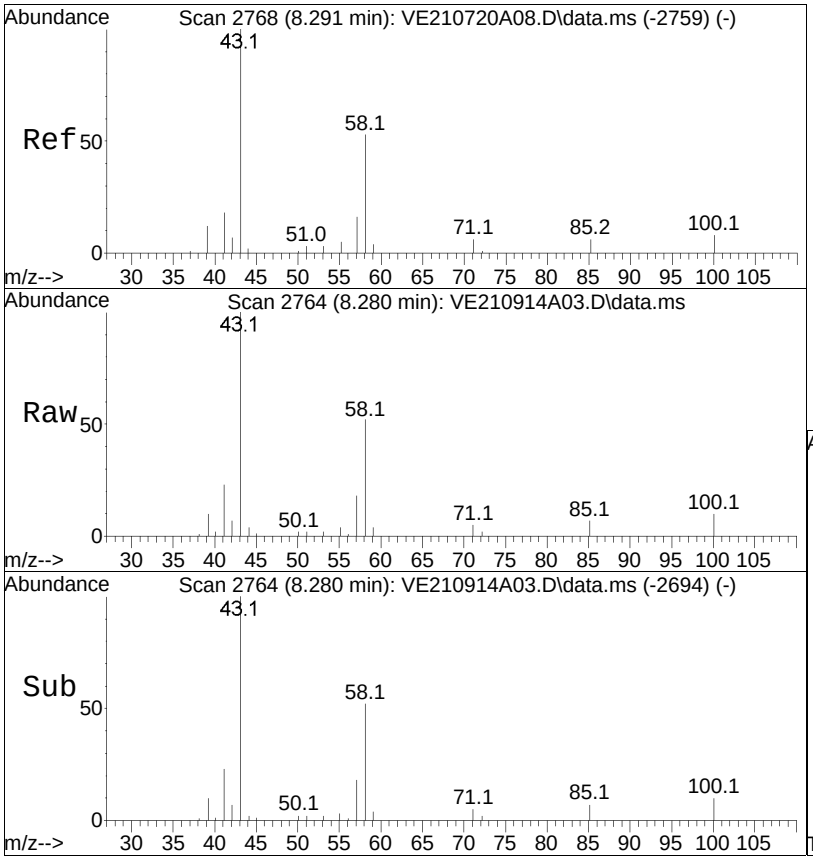


#71
1,2-Dibromoethane
Concen: 8.28 ug/L
RT: 8.035 min Scan# 2676
Delta R.T. 0.000 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion:107 Resp: 29940

Ion	Ratio	Lower	Upper
107	100		
109	92.6	74.3	111.5

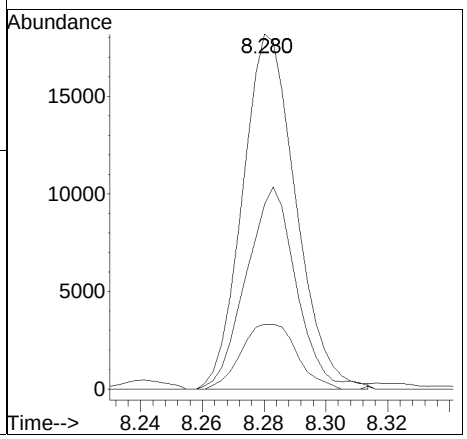


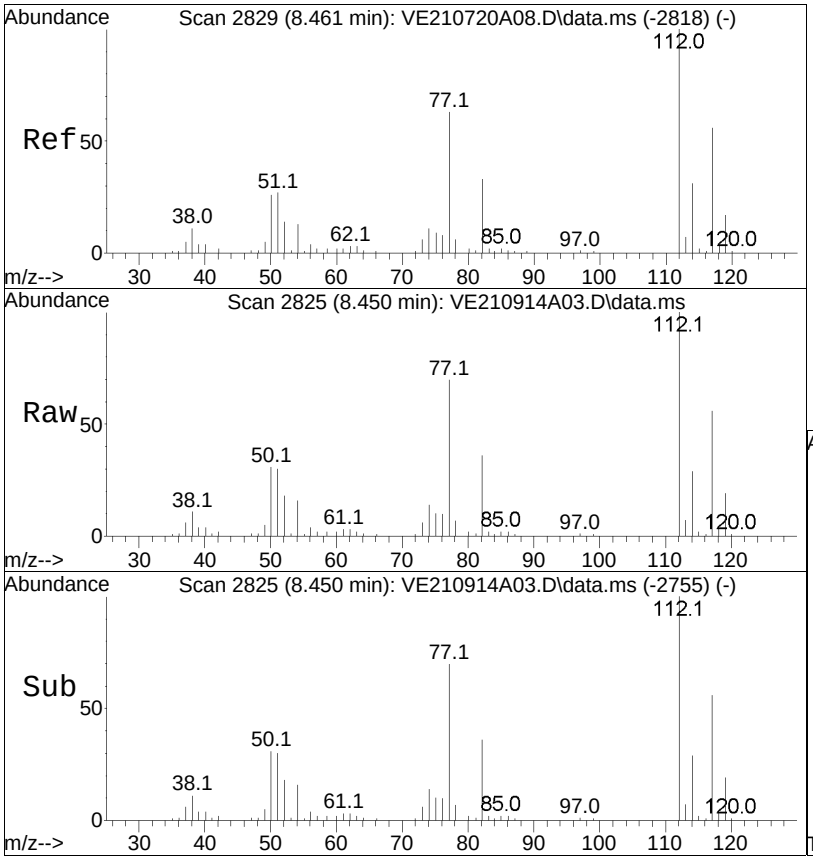


#72
2-Hexanone
Concen: 6.70 ug/L
RT: 8.280 min Scan# 2764
Delta R.T. -0.003 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion: 43 Resp: 21797

Ion	Ratio	Lower	Upper
43	100		
58	53.9	41.2	61.8
57	19.2	17.2	25.8

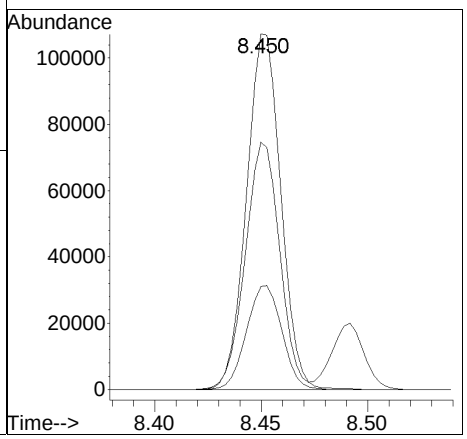


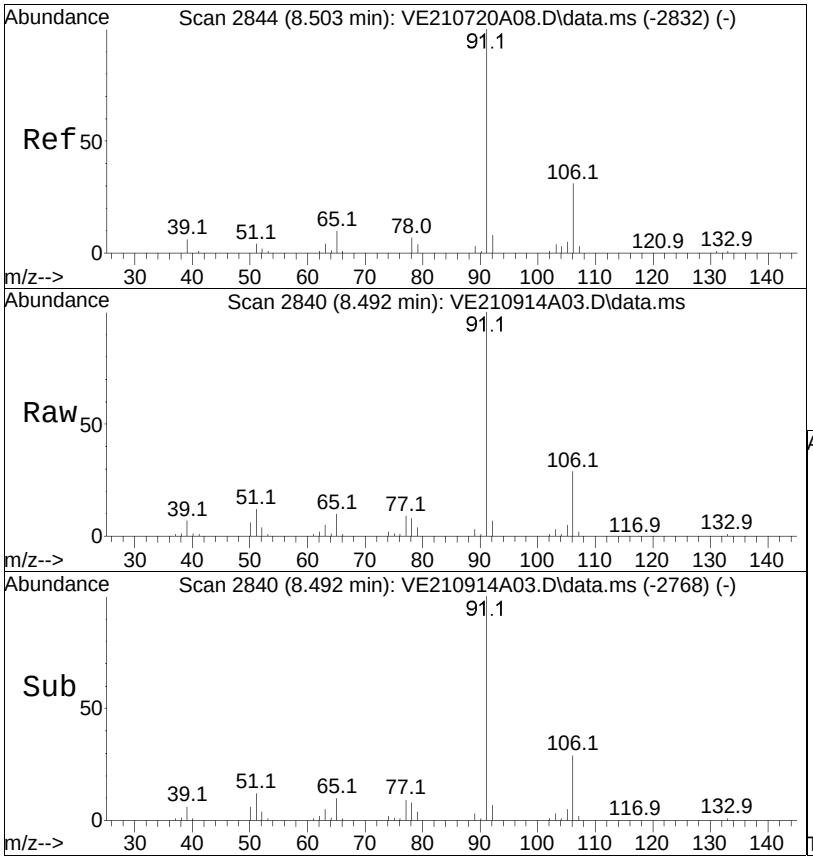


#73
Chlorobenzene
Concen: 9.83 ug/L
RT: 8.450 min Scan# 2825
Delta R.T. -0.003 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion:112 Resp: 120146

Ion	Ratio	Lower	Upper
112	100		
77	69.9	55.4	83.0
114	30.0	25.4	38.2

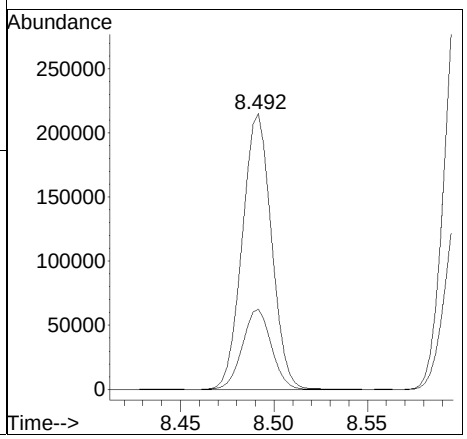


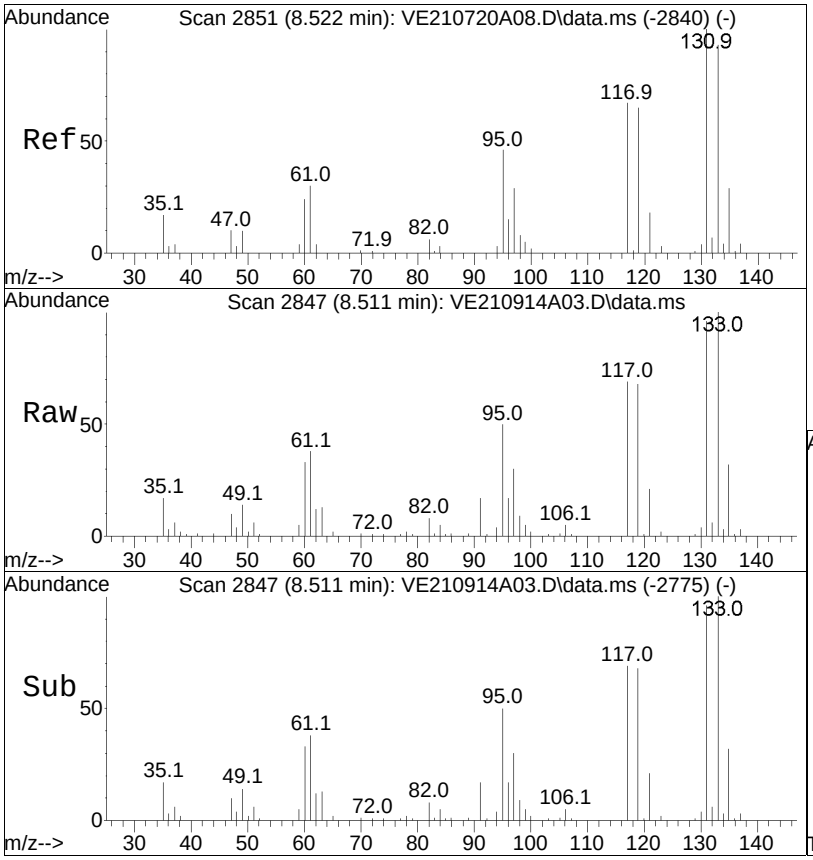


#74
Ethylbenzene
Concen: 10.13 ug/L
RT: 8.492 min Scan# 2840
Delta R.T. -0.000 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion: 91 Resp: 233337

Ion	Ratio	Lower	Upper
91	100		
106	28.8	24.3	36.5

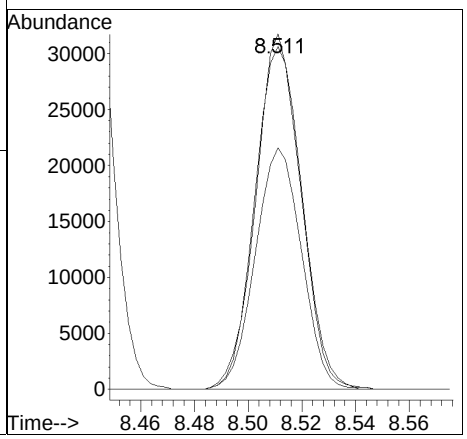


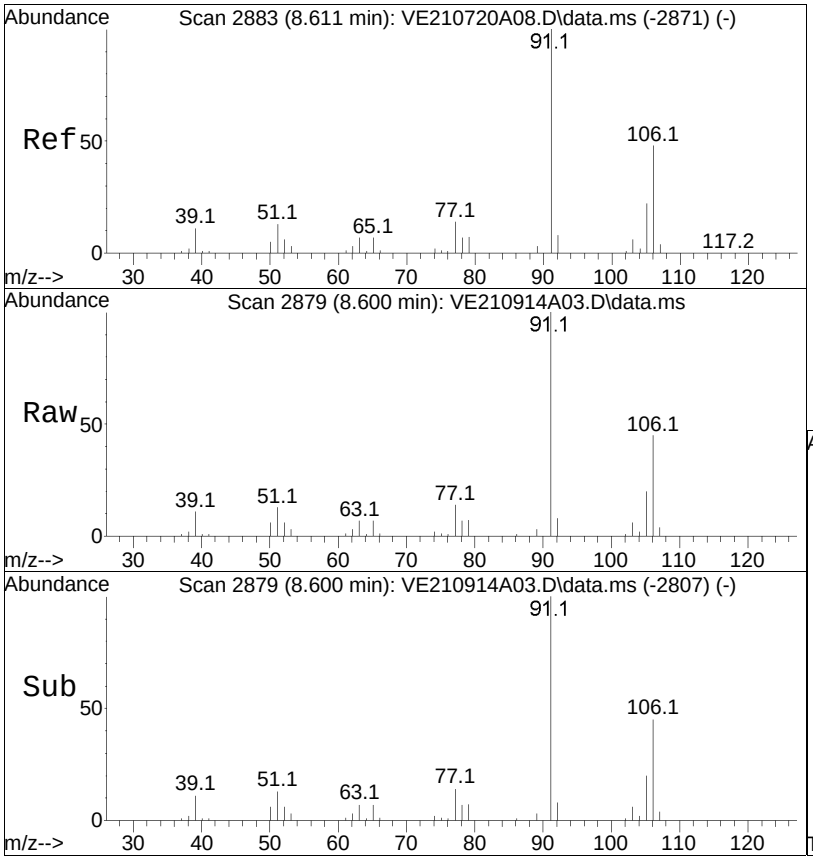


#75
1,1,1,2-Tetrachloroethane
Concen: 8.78 ug/L
RT: 8.511 min Scan# 2847
Delta R.T. 0.000 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion:131 Resp: 37473

Ion	Ratio	Lower	Upper
131	100		
133	98.8	81.0	121.0
119	69.2	41.3	81.3

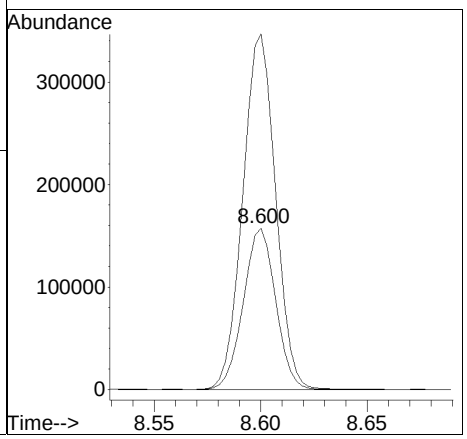


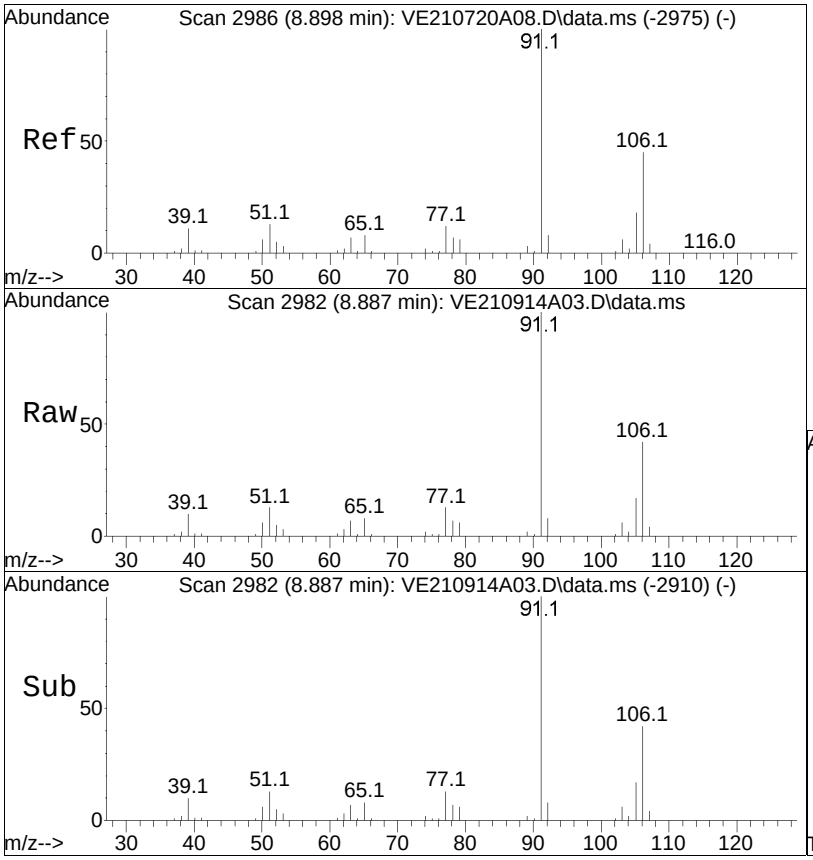


#76
p/m Xylene
Concen: 20.29 ug/L
RT: 8.600 min Scan# 2879
Delta R.T. 0.000 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion:106 Resp: 166041

Ion	Ratio	Lower	Upper
106	100		
91	223.1	166.4	249.6

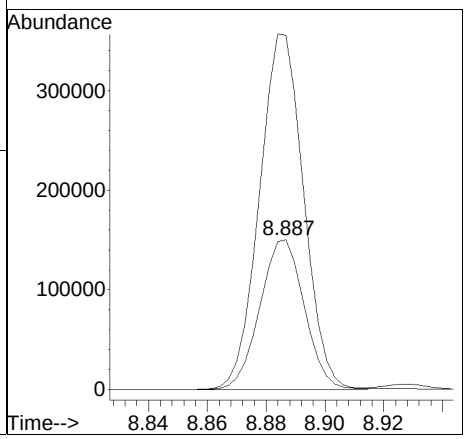


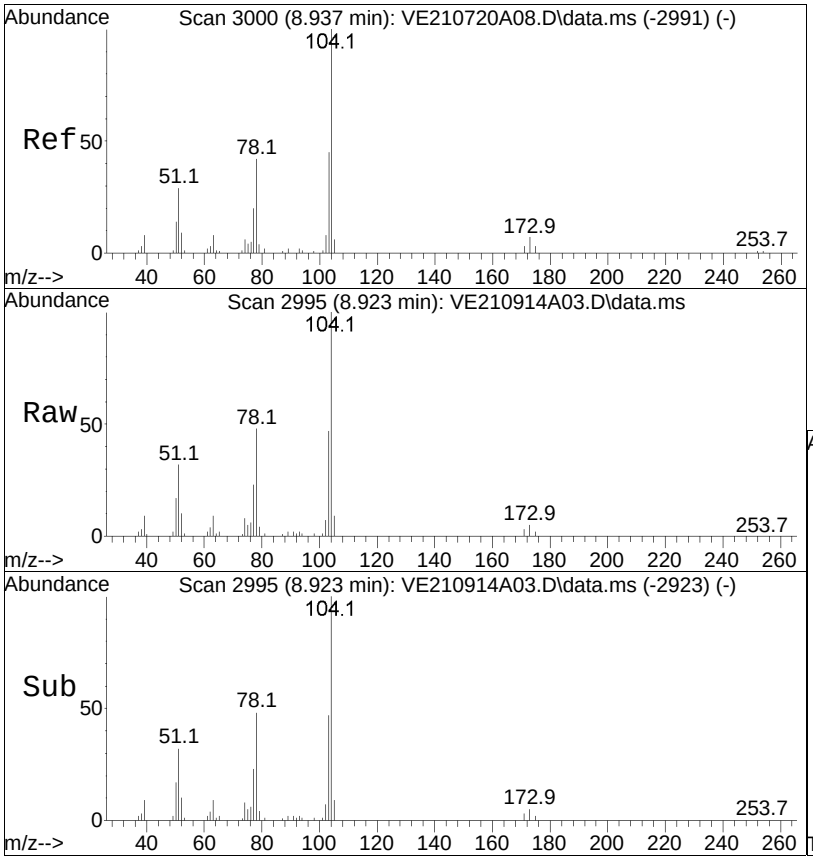


#77
o Xylene
Concen: 20.13 ug/L
RT: 8.887 min Scan# 2982
Delta R.T. -0.000 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion:106 Resp: 157511

Ion	Ratio	Lower	Upper
106	100		
91	235.7	182.6	273.8

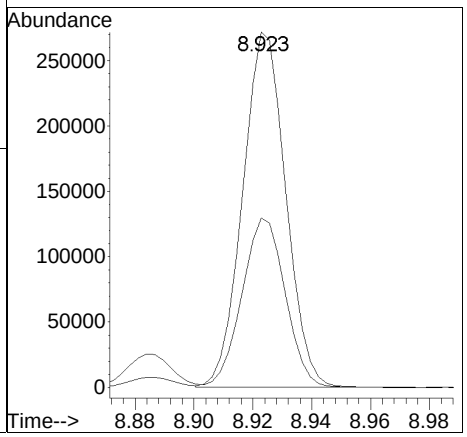


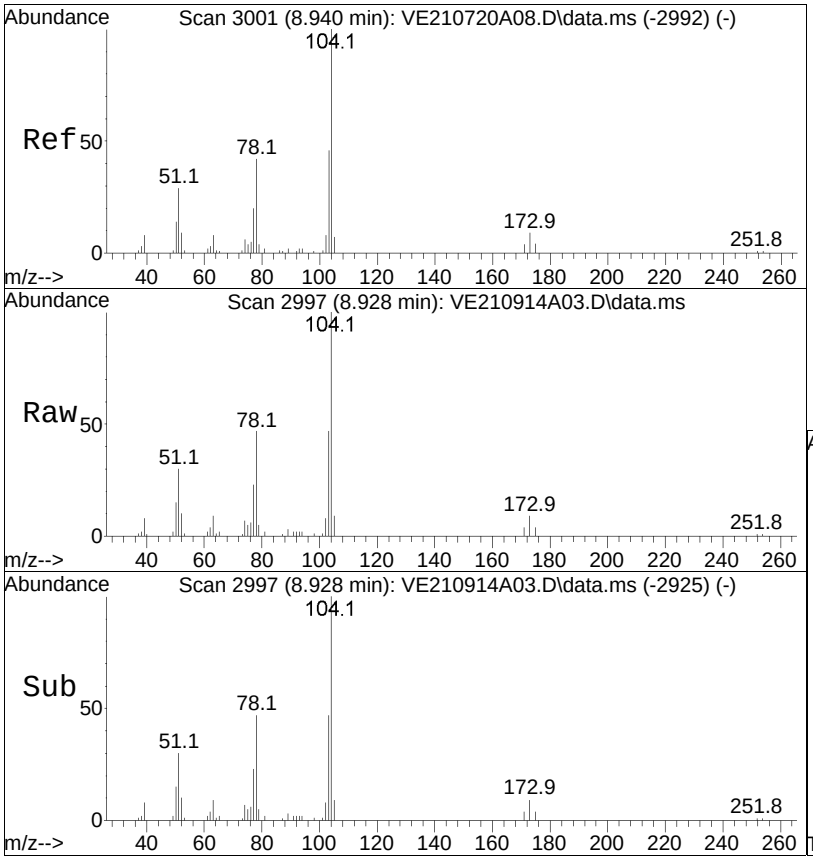


#78
Styrene
Concen: 20.07 ug/L
RT: 8.923 min Scan# 2995
Delta R.T. -0.000 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion:104 Resp: 276266

Ion	Ratio	Lower	Upper
104	100		
78	47.9	39.8	59.6

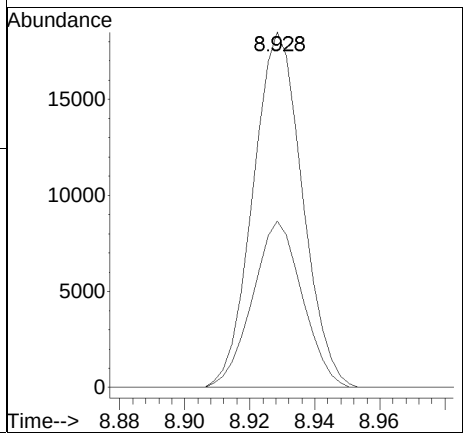


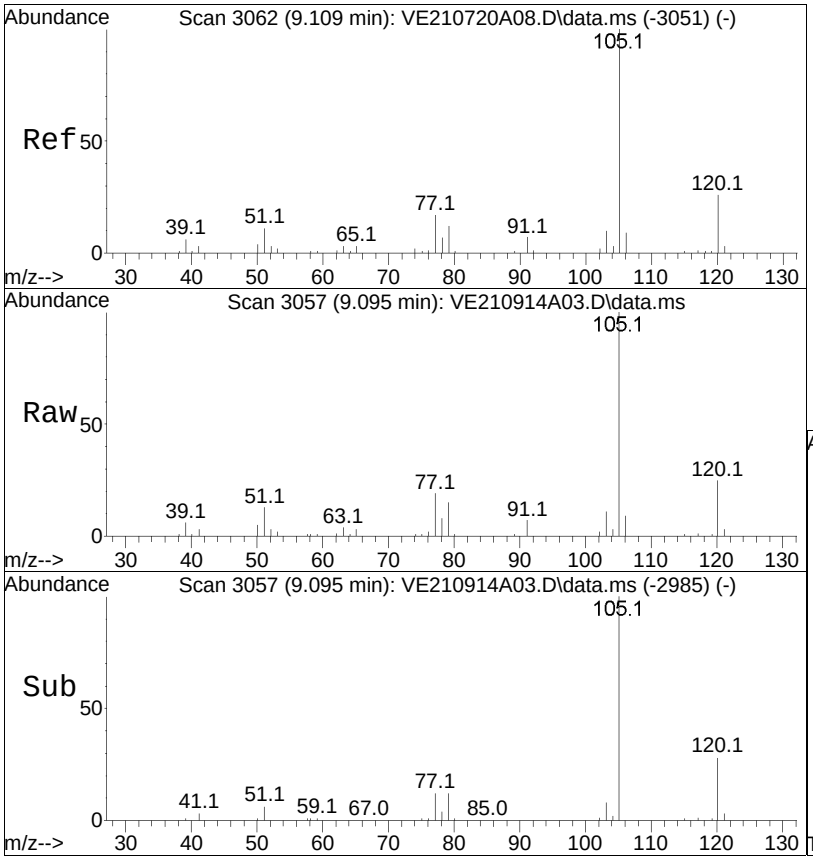


#80
Bromoform
Concen: 8.50 ug/L
RT: 8.928 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion:173 Resp: 19537

Ion	Ratio	Lower	Upper
173	100		
175	47.1	31.5	71.5

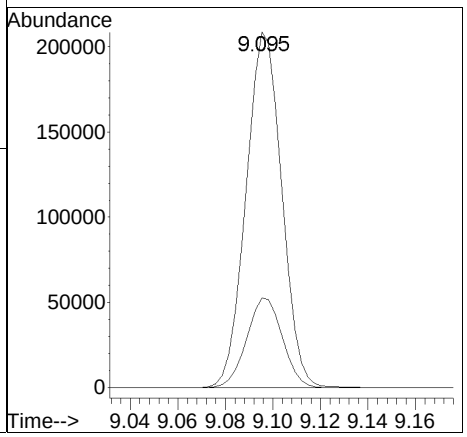


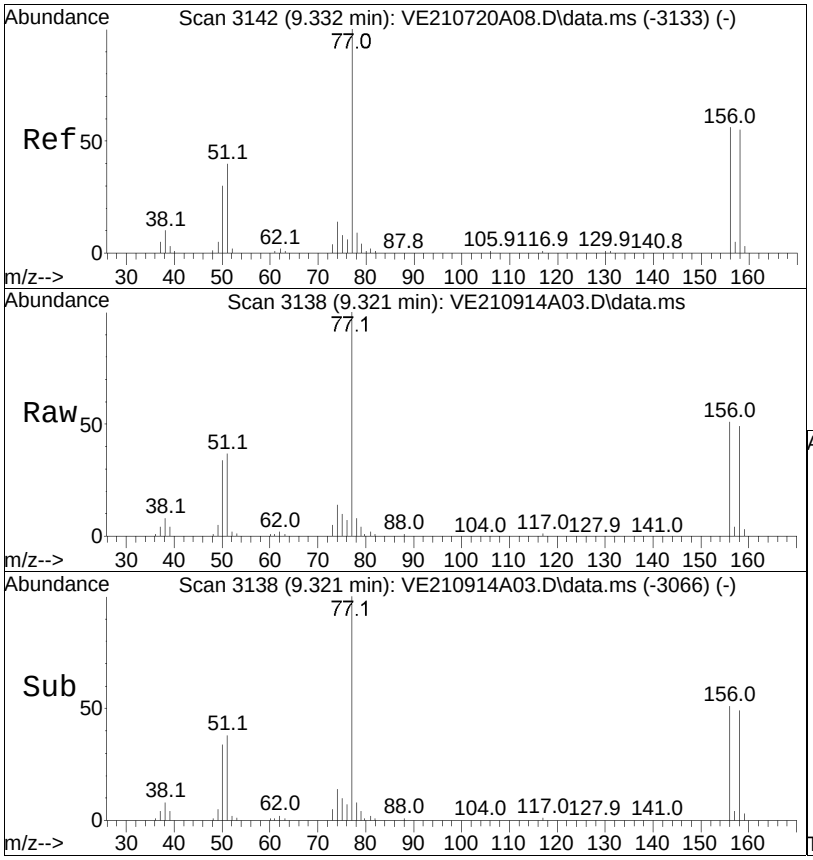


#82
Isopropylbenzene
Concen: 10.42 ug/L
RT: 9.095 min Scan# 3057
Delta R.T. 0.000 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion:105 Resp: 217460

Ion	Ratio	Lower	Upper
105	100		
120	25.1	4.8	44.8

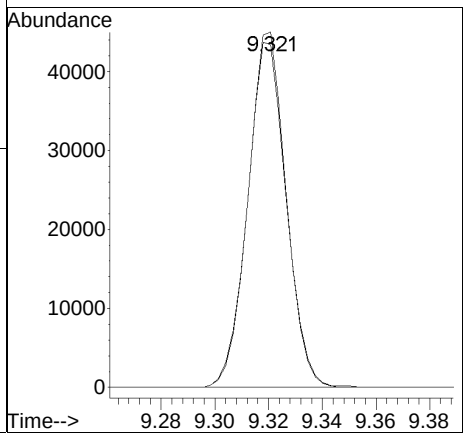


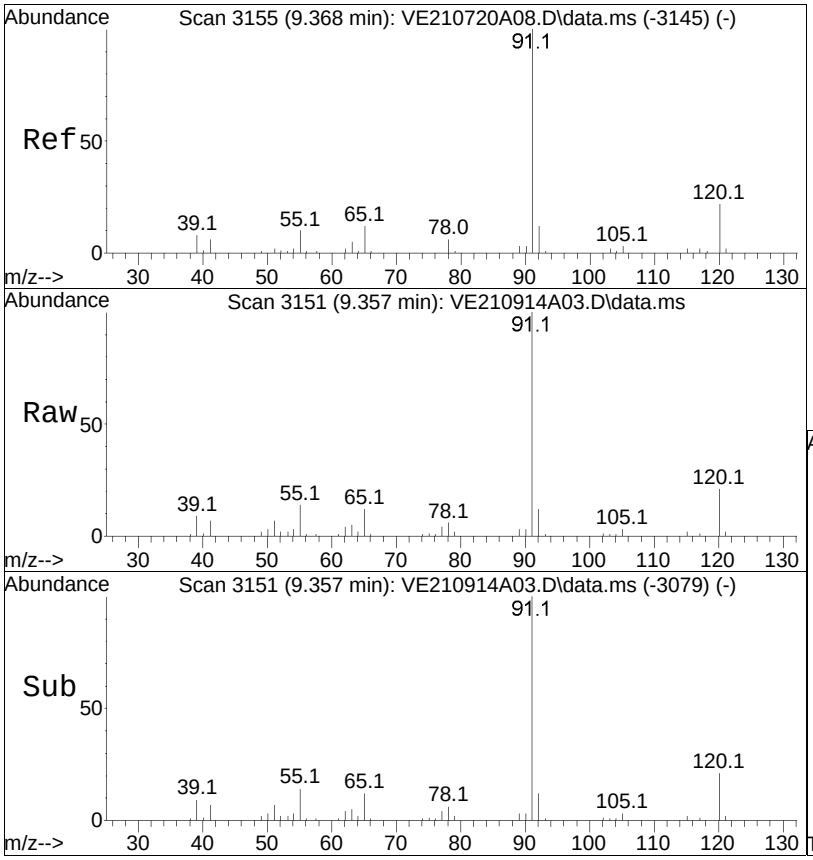


#84
Bromobenzene
Concen: 9.72 ug/L
RT: 9.321 min Scan# 3138
Delta R.T. -0.000 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion:156 Resp: 44492

Ion	Ratio	Lower	Upper
156	100		
158	98.0	75.9	113.9

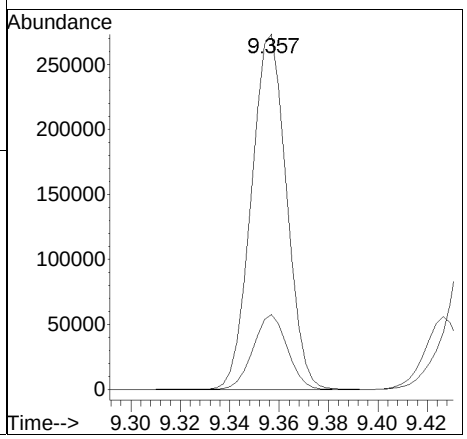


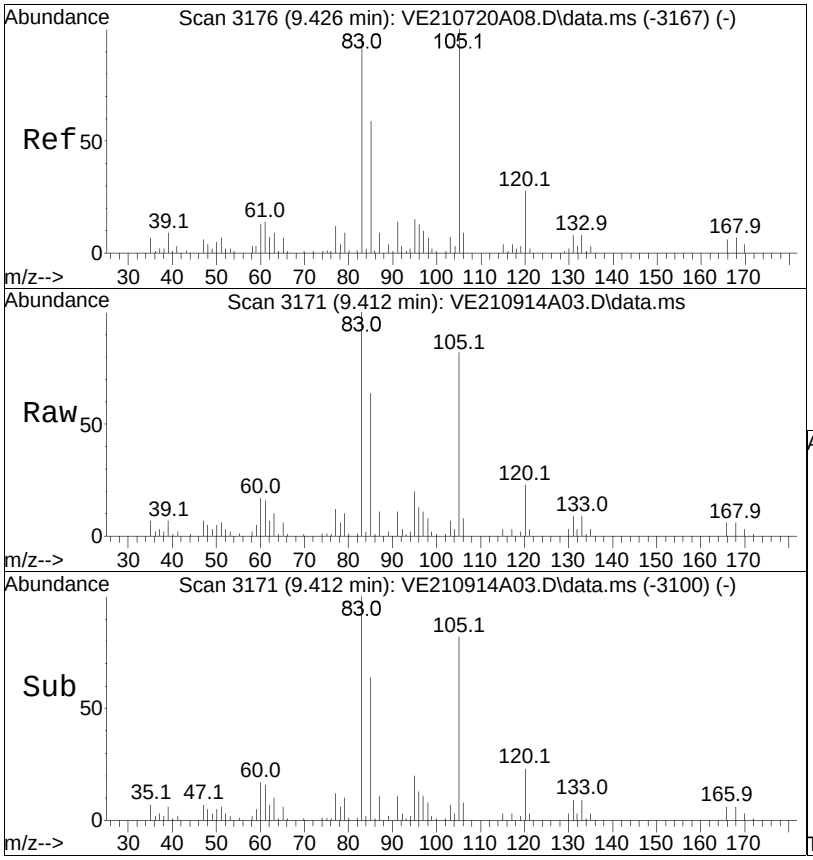


#85
n-Propylbenzene
Concen: 10.79 ug/L
RT: 9.357 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion: 91 Resp: 270143

Ion	Ratio	Lower	Upper
91	100		
120	20.4	17.0	25.6

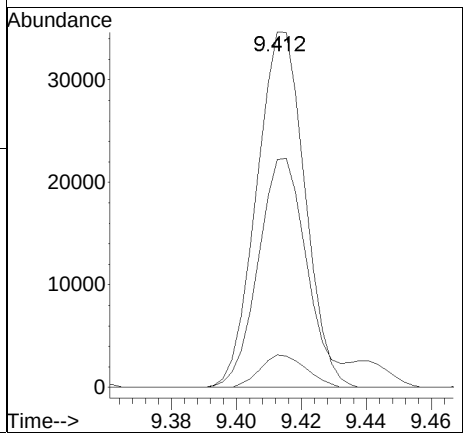


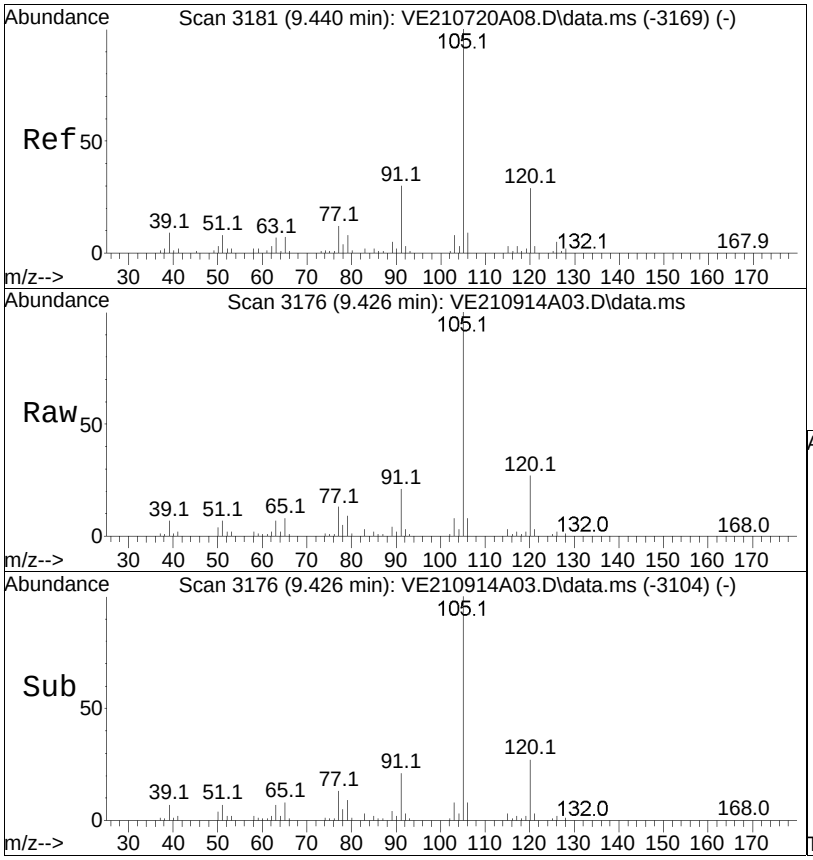


#87
1,1,2,2-Tetrachloroethane
Concen: 8.45 ug/L
RT: 9.412 min Scan# 3171
Delta R.T. -0.002 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion: 83 Resp: 35809

Ion	Ratio	Lower	Upper
83	100		
131	8.7	0.0	30.4
85	65.1	45.4	85.4

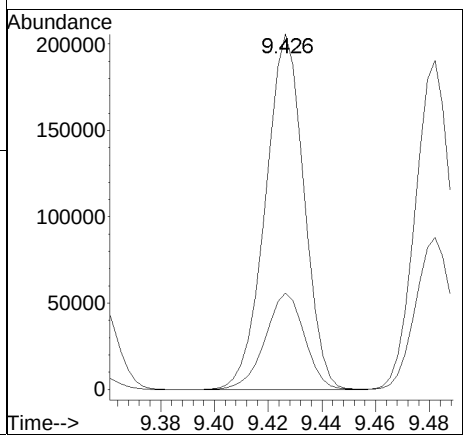


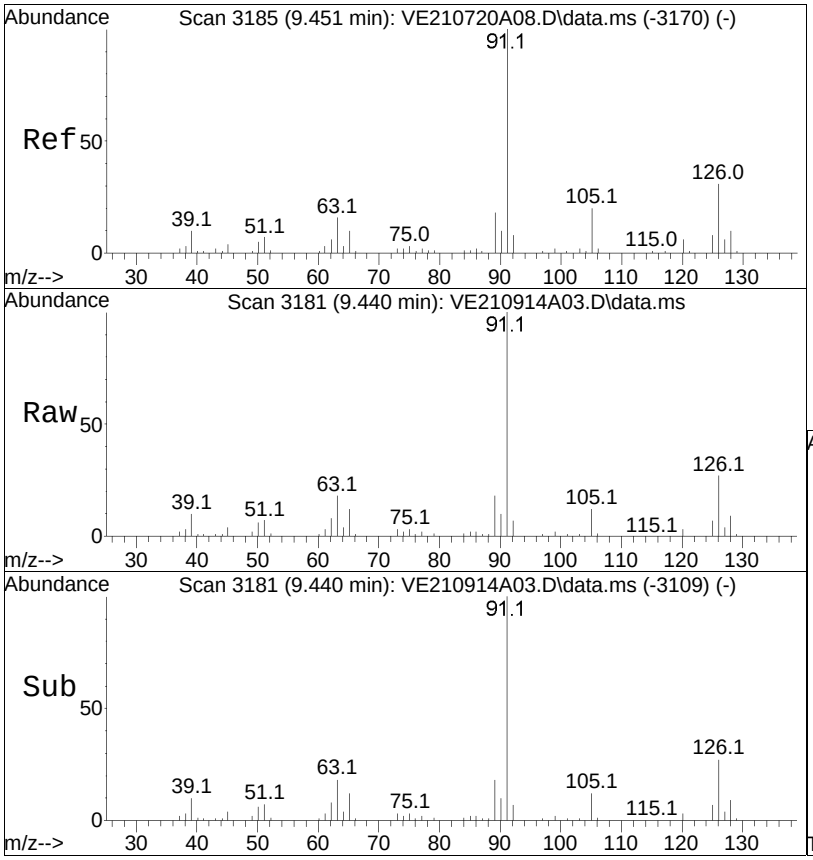


#88
4-Ethyltoluene
Concen: 10.42 ug/L
RT: 9.426 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion:105 Resp: 204998

Ion	Ratio	Lower	Upper
105	100		
120	27.5	18.1	37.7

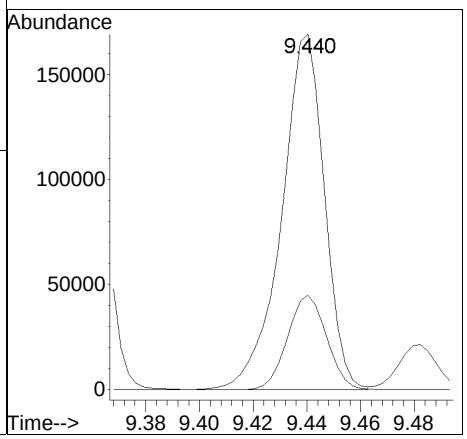


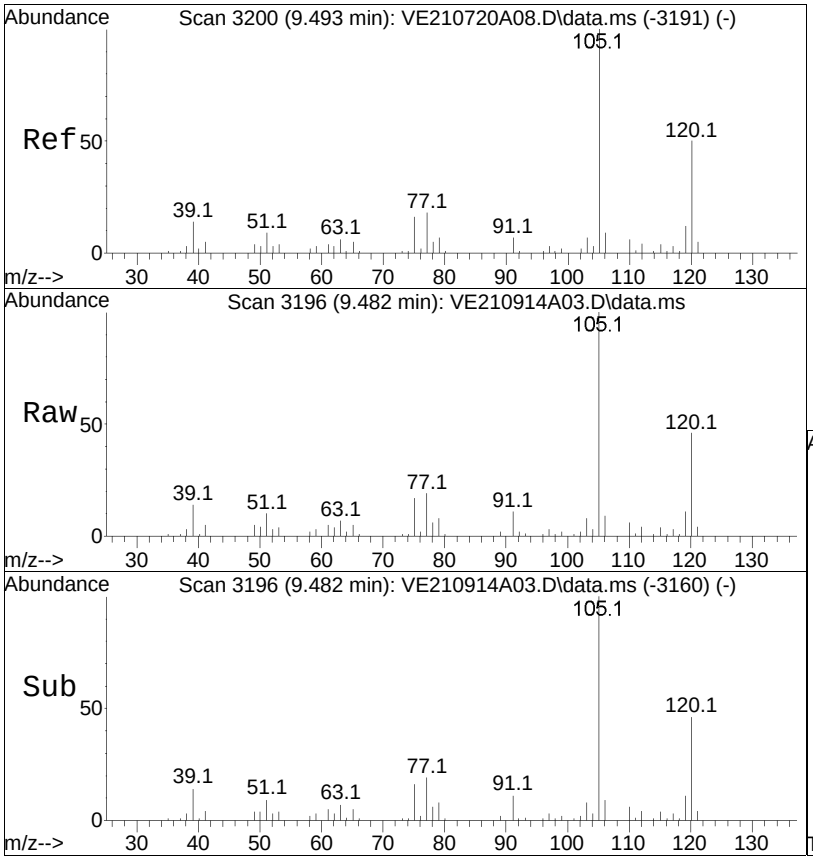


#89
2-Chlorotoluene
Concen: 10.26 ug/L
RT: 9.440 min Scan# 3181
Delta R.T. 0.000 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion: 91 Resp: 186772

Ion	Ratio	Lower	Upper
91	100		
126	24.1	21.5	32.3

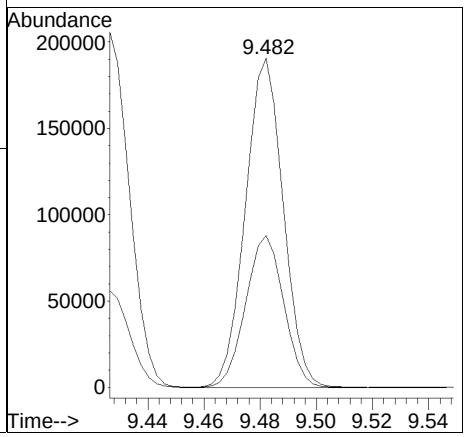


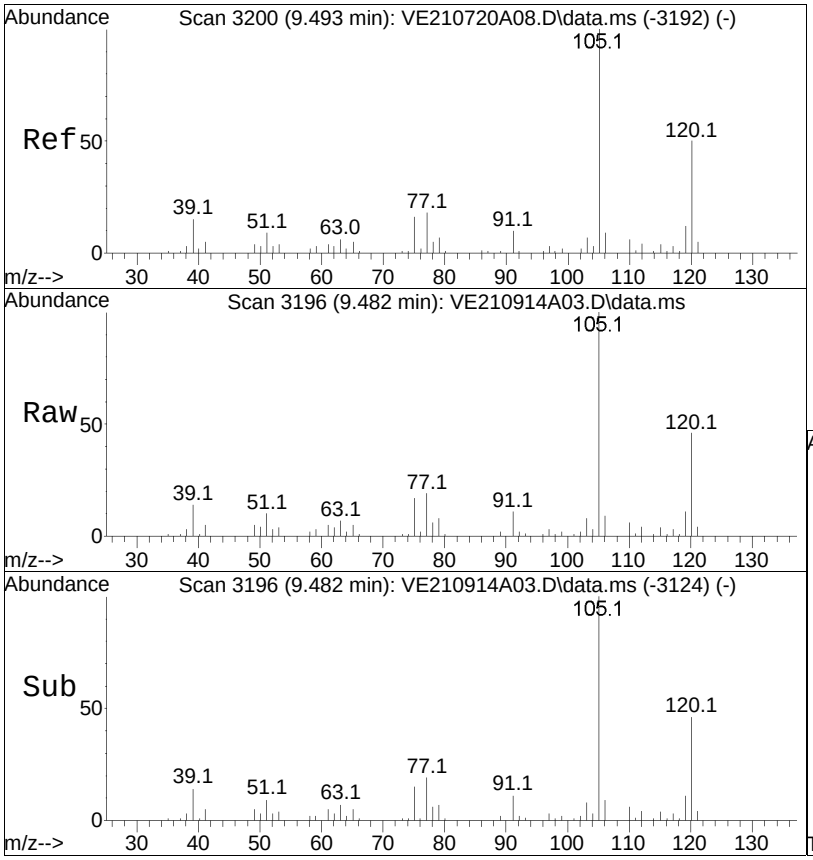


#90
1,3,5-Trimethylbenzene
Concen: 10.25 ug/L
RT: 9.482 min Scan# 3196
Delta R.T. 0.000 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion:105 Resp: 178592

Ion	Ratio	Lower	Upper
105	100		
120	46.4	34.8	52.2

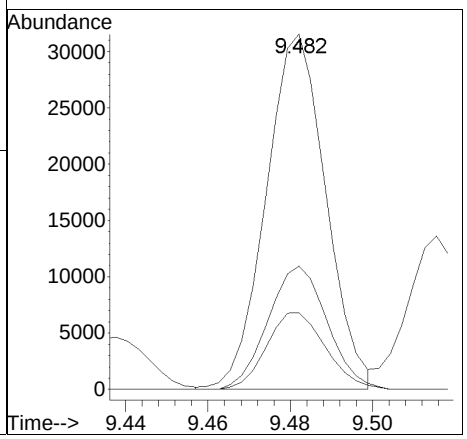


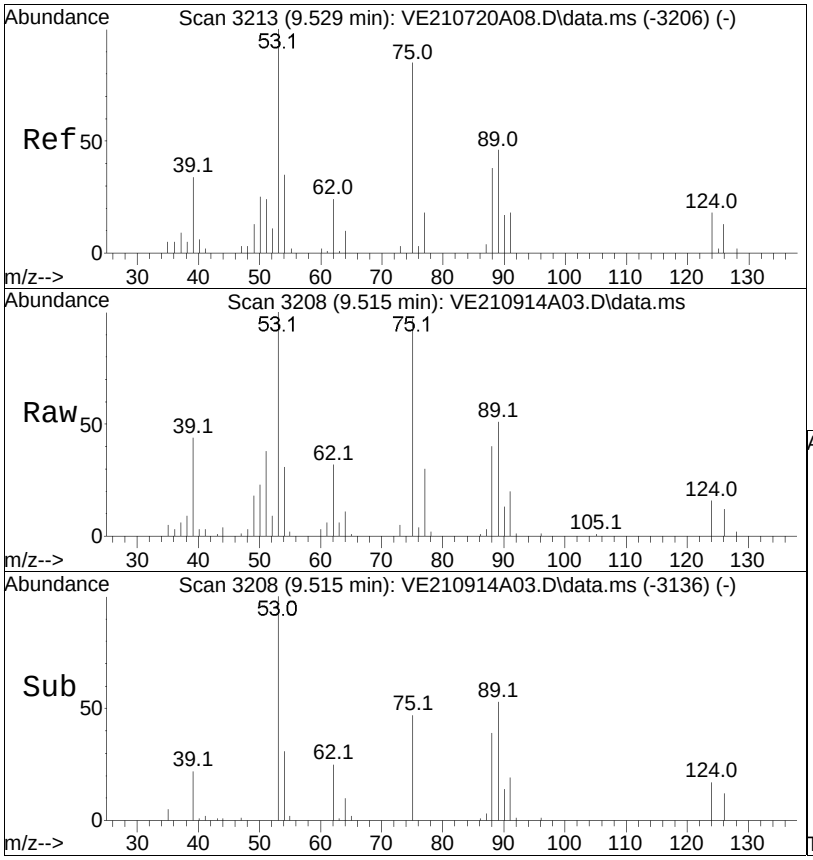


#91
1,2,3-Trichloropropane
Concen: 8.28 ug/L
RT: 9.482 min Scan# 3196
Delta R.T. 0.000 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion: 75 Resp: 31772

Ion	Ratio	Lower	Upper
75	100		
110	34.4	25.4	52.8
112	21.4	15.6	32.4

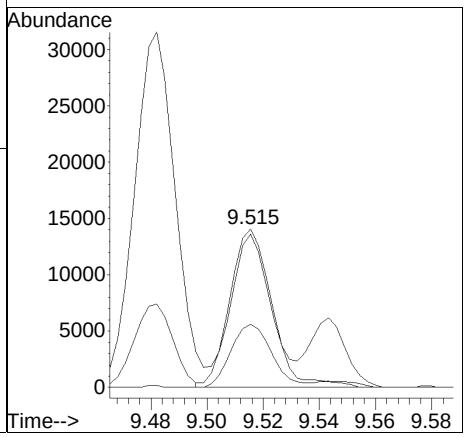


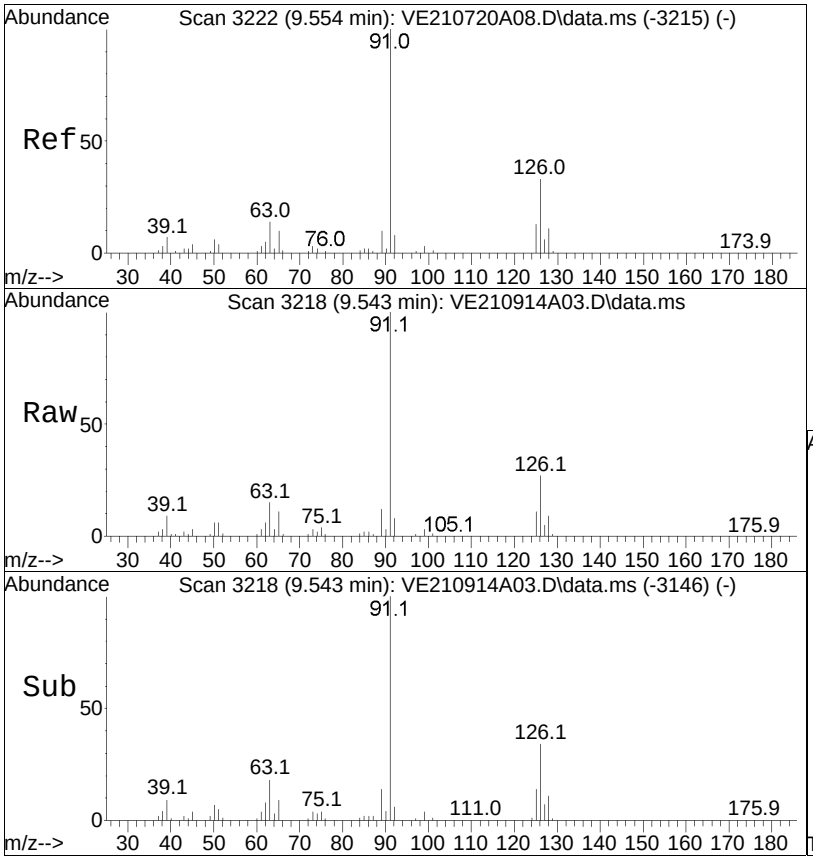


#92
trans-1,4-Dichloro-2-butene
Concen: 9.15 ug/L
RT: 9.515 min Scan# 3208
Delta R.T. 0.000 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion: 53 Resp: 14713

Ion	Ratio	Lower	Upper
53	100		
88	38.4	39.6	59.4#
75	93.4	70.2	105.4

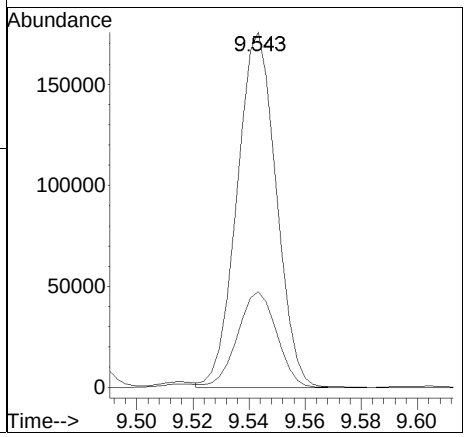


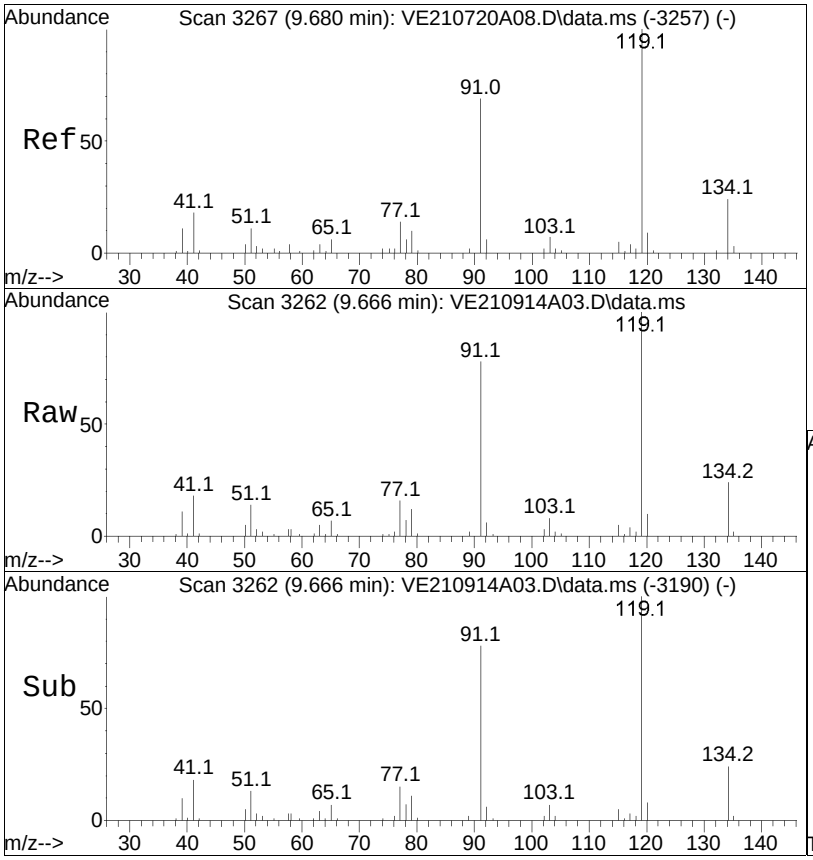


#93
4-Chlorotoluene
Concen: 10.23 ug/L
RT: 9.543 min Scan# 3218
Delta R.T. 0.000 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion: 91 Resp: 169974

Ion	Ratio	Lower	Upper
91	100		
126	26.9	24.6	36.8

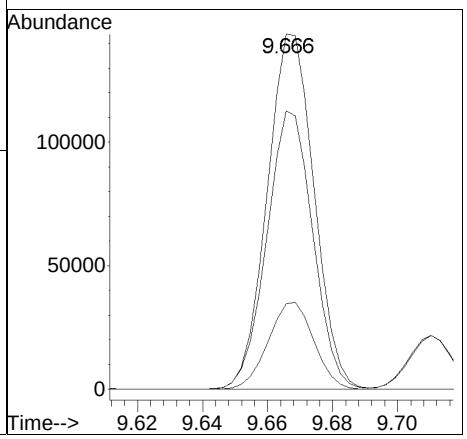


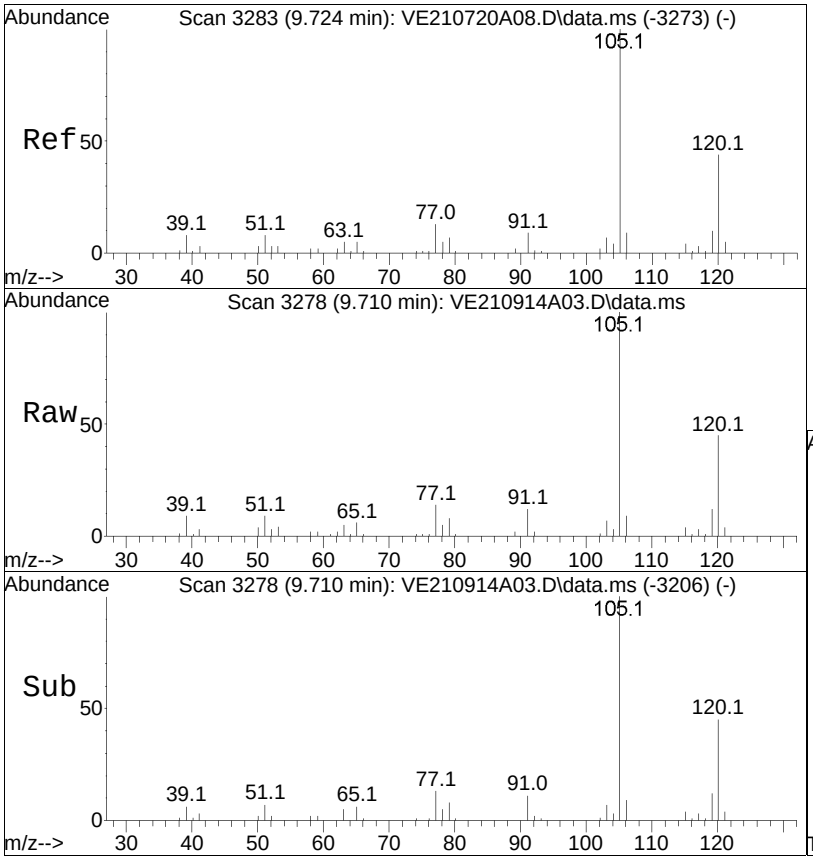


#94
tert-Butylbenzene
Concen: 10.28 ug/L
RT: 9.666 min Scan# 3262
Delta R.T. -0.000 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion:119 Resp: 144504

Ion	Ratio	Lower	Upper
119	100		
91	77.0	51.4	77.2
134	23.8	18.3	27.5

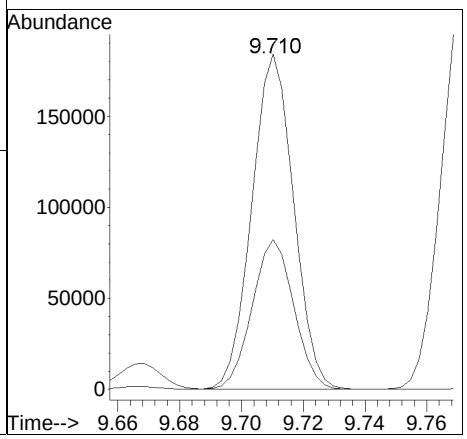


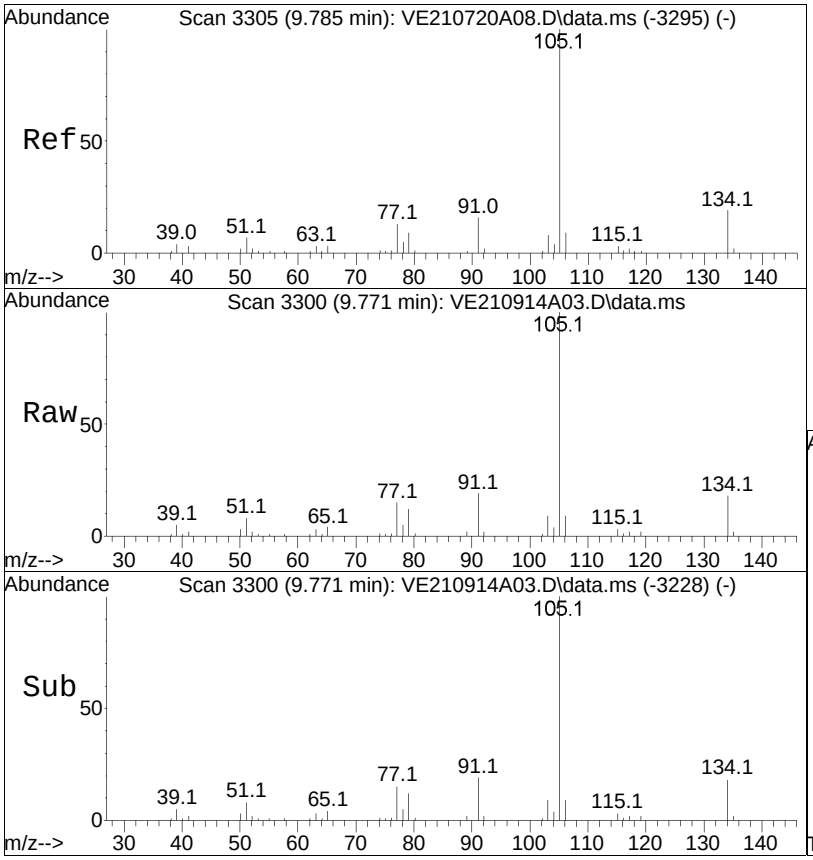


#97
1,2,4-Trimethylbenzene
Concen: 10.07 ug/L
RT: 9.710 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion:105 Resp: 173487

Ion	Ratio	Lower	Upper
105	100		
120	44.4	33.4	50.0

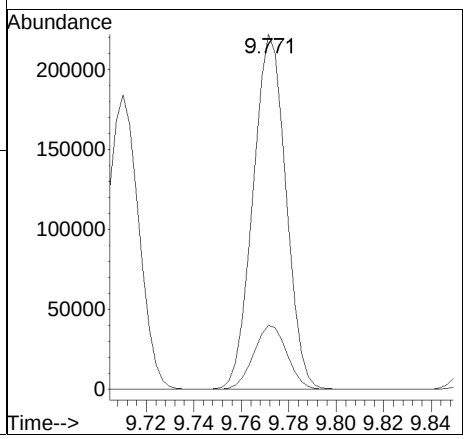


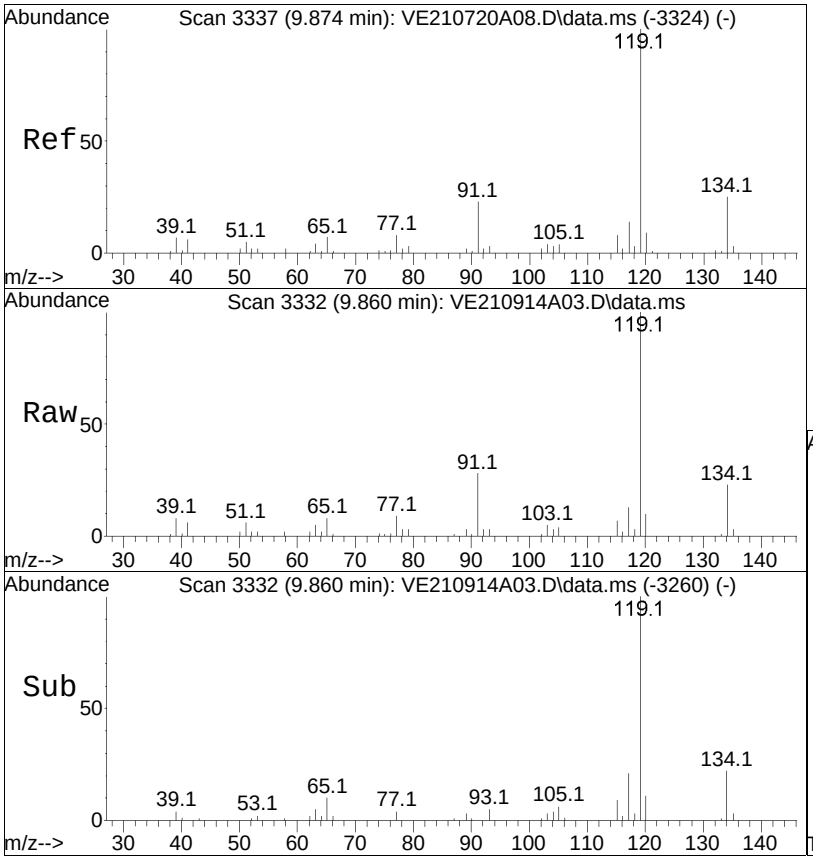


#98
sec-Butylbenzene
Concen: 10.05 ug/L
RT: 9.771 min Scan# 3300
Delta R.T. 0.000 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion:105 Resp: 213762

Ion	Ratio	Lower	Upper
105	100		
134	18.2	12.5	26.1

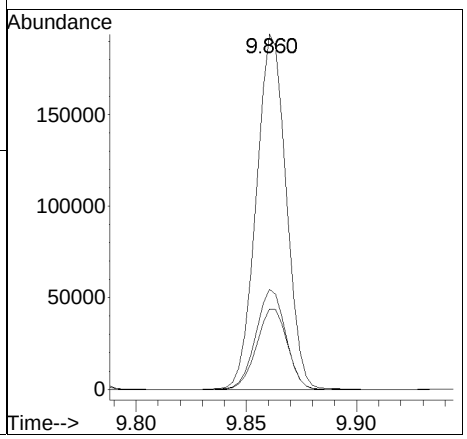


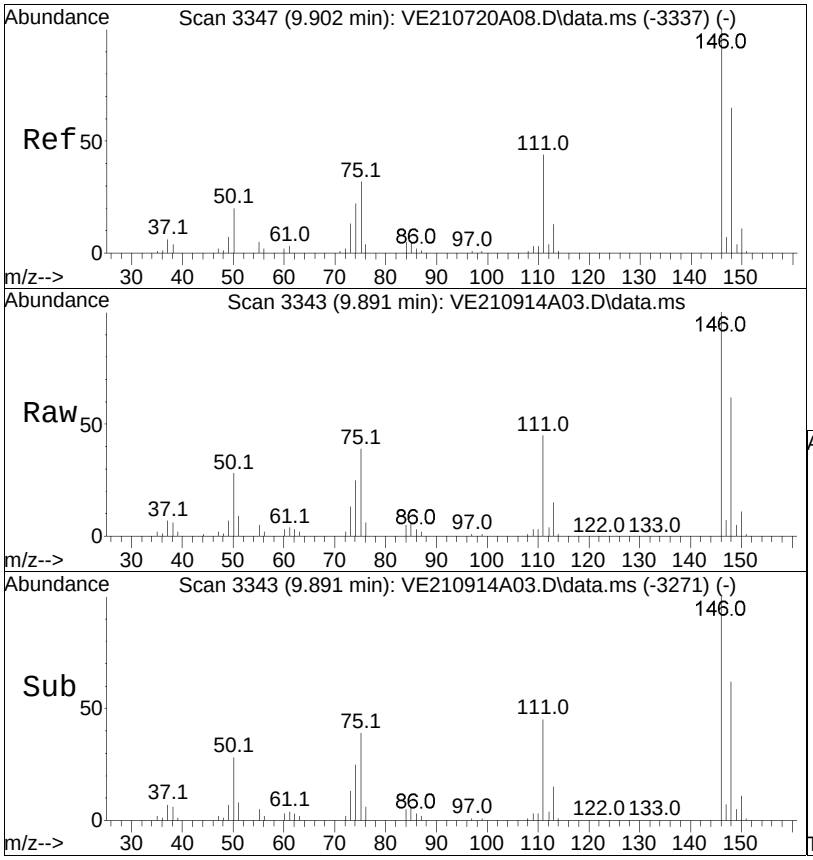


#99
p-Isopropyltoluene
Concen: 10.46 ug/L
RT: 9.860 min Scan# 3332
Delta R.T. 0.000 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion:119 Resp: 182840

Ion	Ratio	Lower	Upper
119	100		
134	23.4	16.1	33.3
91	28.0	17.3	35.9

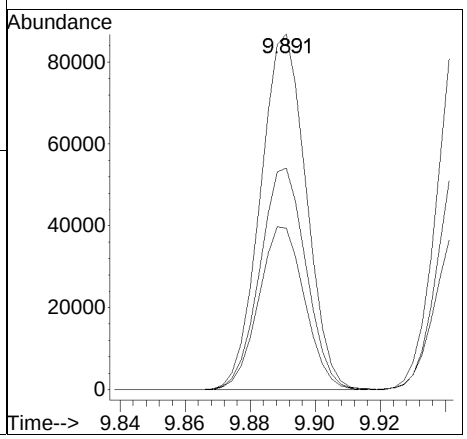


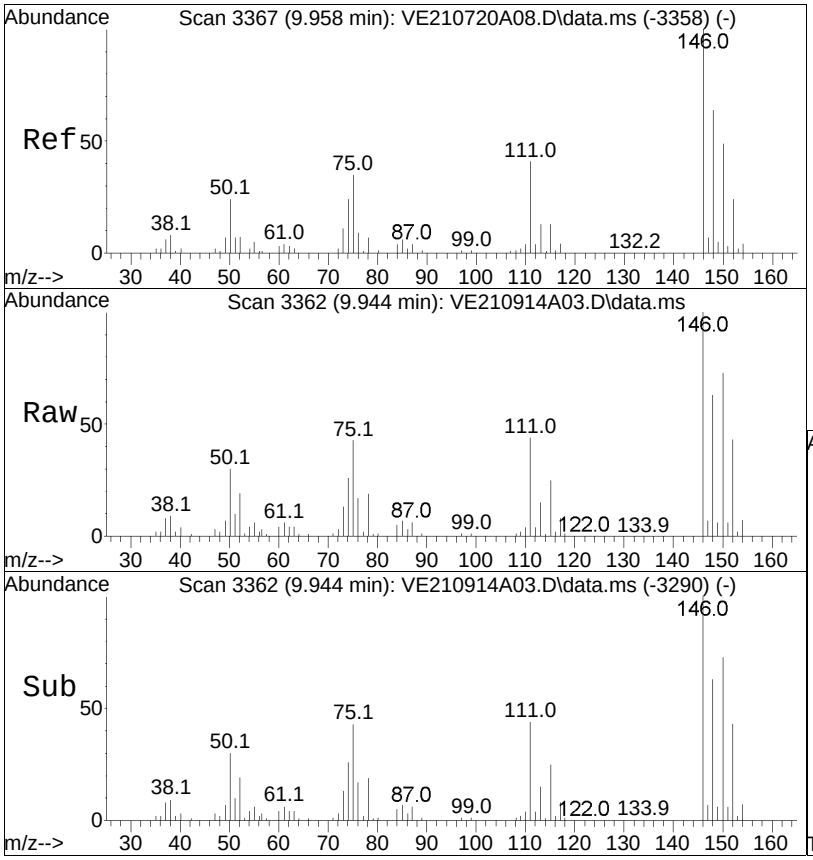


#100
1,3-Dichlorobenzene
Concen: 9.88 ug/L
RT: 9.891 min Scan# 3343
Delta R.T. 0.000 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion:146 Resp: 84894

Ion	Ratio	Lower	Upper
146	100		
111	46.0	27.5	57.1
148	62.6	41.9	86.9

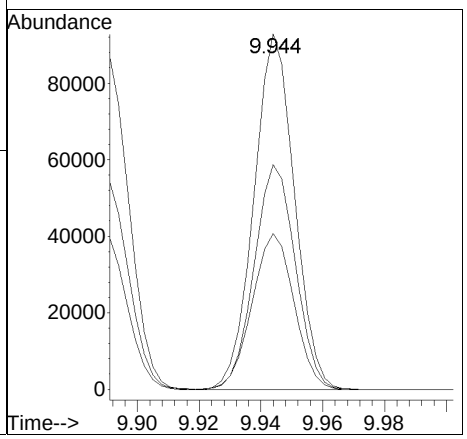


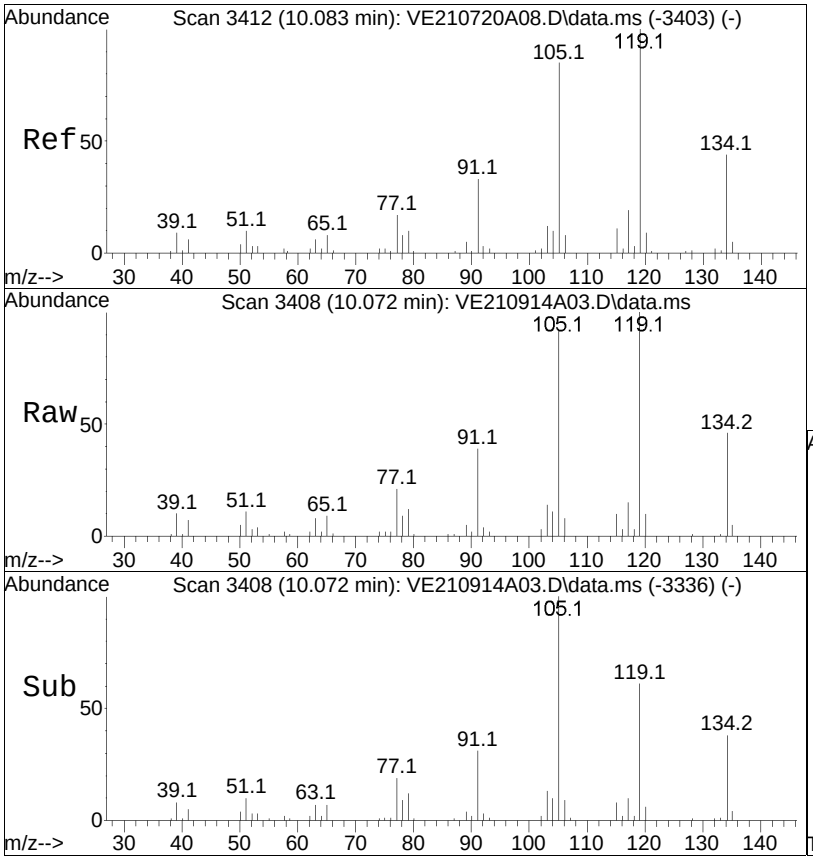


#101
1,4-Dichlorobenzene
Concen: 9.80 ug/L
RT: 9.944 min Scan# 3362
Delta R.T. -0.000 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion:146 Resp: 84696

Ion	Ratio	Lower	Upper
146	100		
111	45.4	32.3	48.5
148	64.3	49.9	74.9

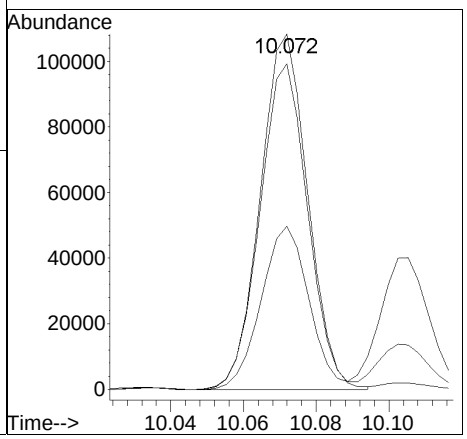


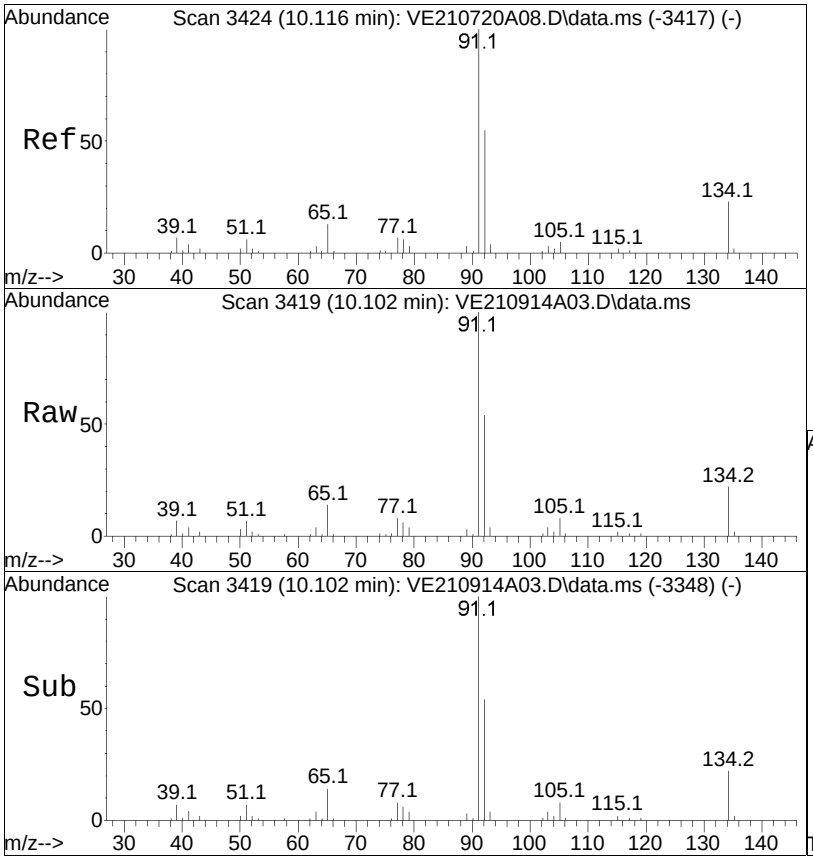


#102
p-Diethylbenzene
Concen: 9.76 ug/L
RT: 10.072 min Scan# 3408
Delta R.T. -0.000 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion:119 Resp: 98295

Ion	Ratio	Lower	Upper
119	100		
105	92.5	59.5	123.7
134	46.2	30.2	62.6

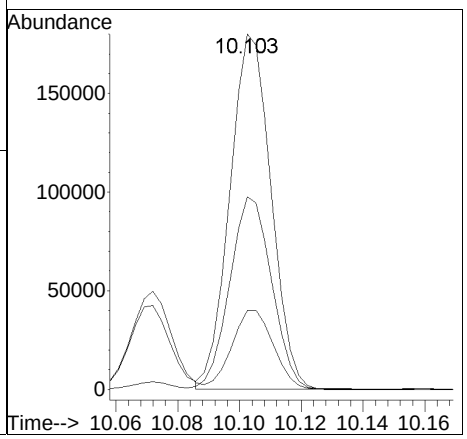


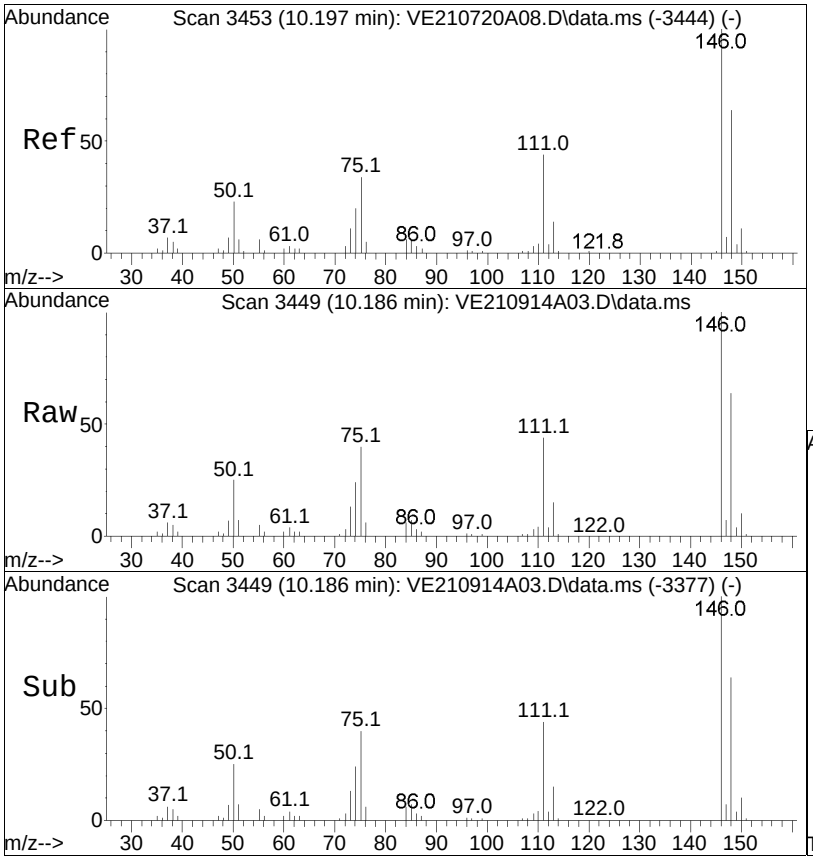


#103
n-Butylbenzene
Concen: 10.35 ug/L
RT: 10.102 min Scan# 3419
Delta R.T. -0.003 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion: 91 Resp: 166673

Ion	Ratio	Lower	Upper
91	100		
92	55.3	43.0	64.4
134	22.4	19.6	29.4

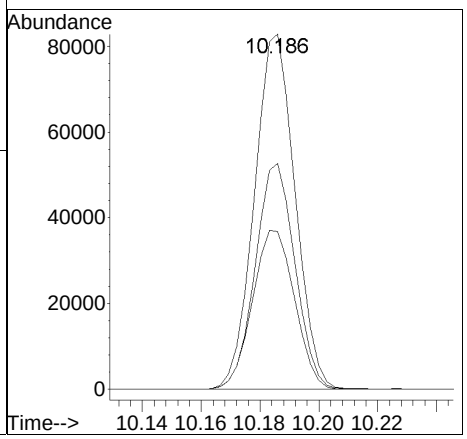


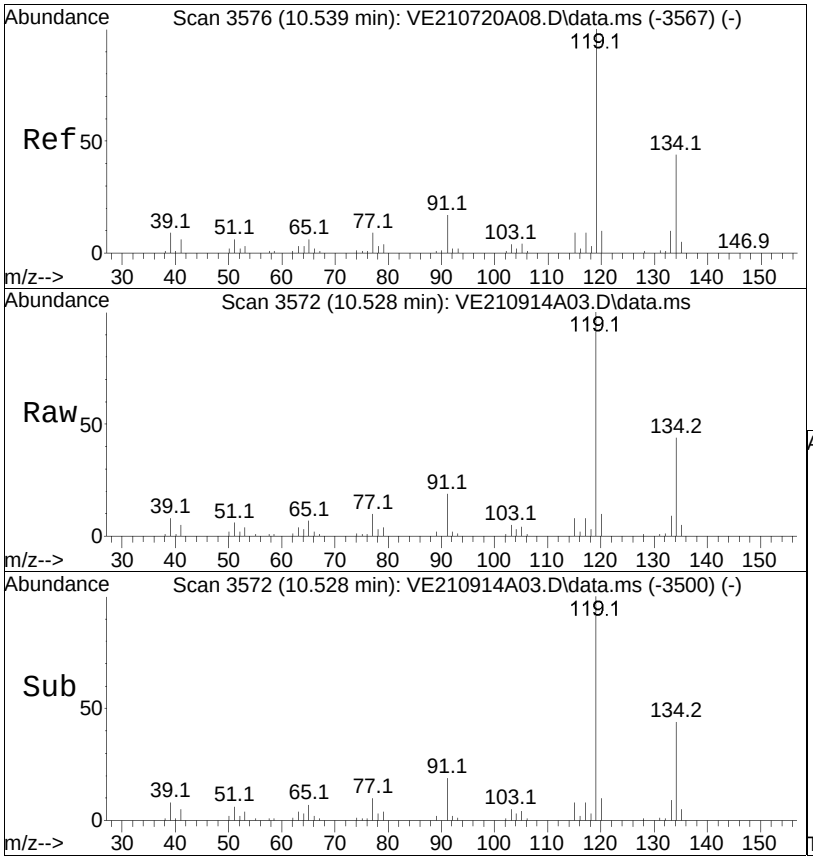


#104
1,2-Dichlorobenzene
Concen: 9.72 ug/L
RT: 10.186 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion:146 Resp: 79587

Ion	Ratio	Lower	Upper
146	100		
111	46.4	28.3	58.7
148	62.2	42.3	87.8

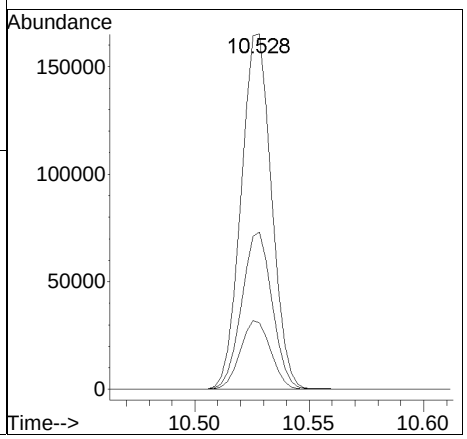


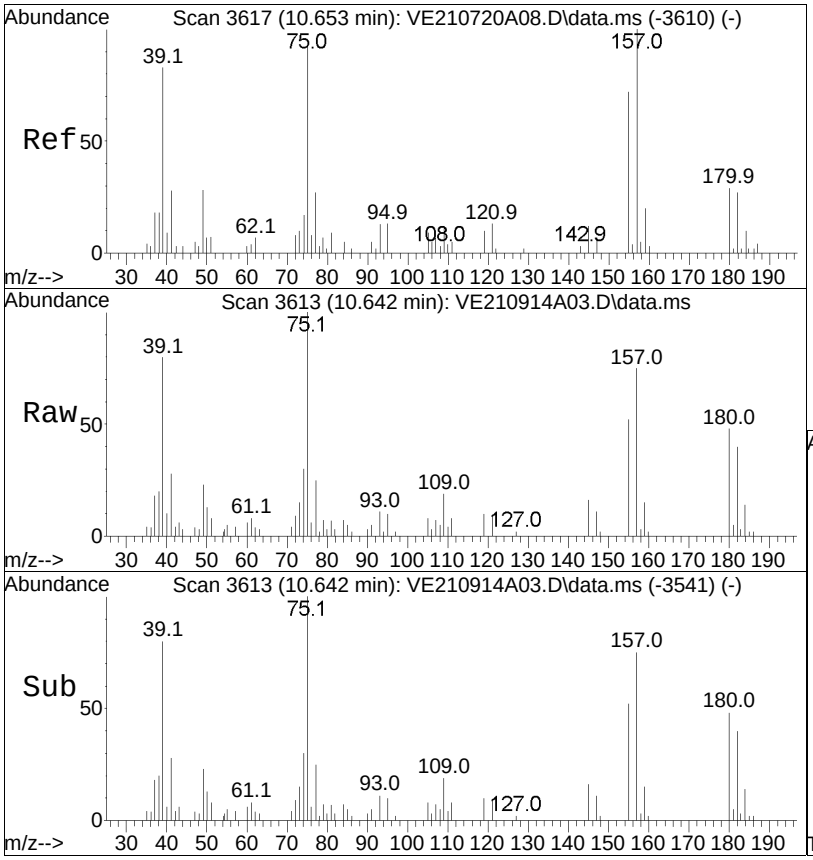


#105
1,2,4,5-Tetramethylbenzene
Concen: 9.62 ug/L
RT: 10.528 min Scan# 3572
Delta R.T. 0.000 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion:119 Resp: 152940

Ion	Ratio	Lower	Upper
119	100		
134	44.3	30.5	63.3
91	19.4	12.4	25.7

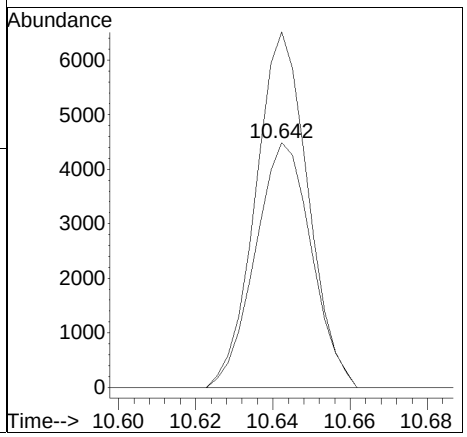


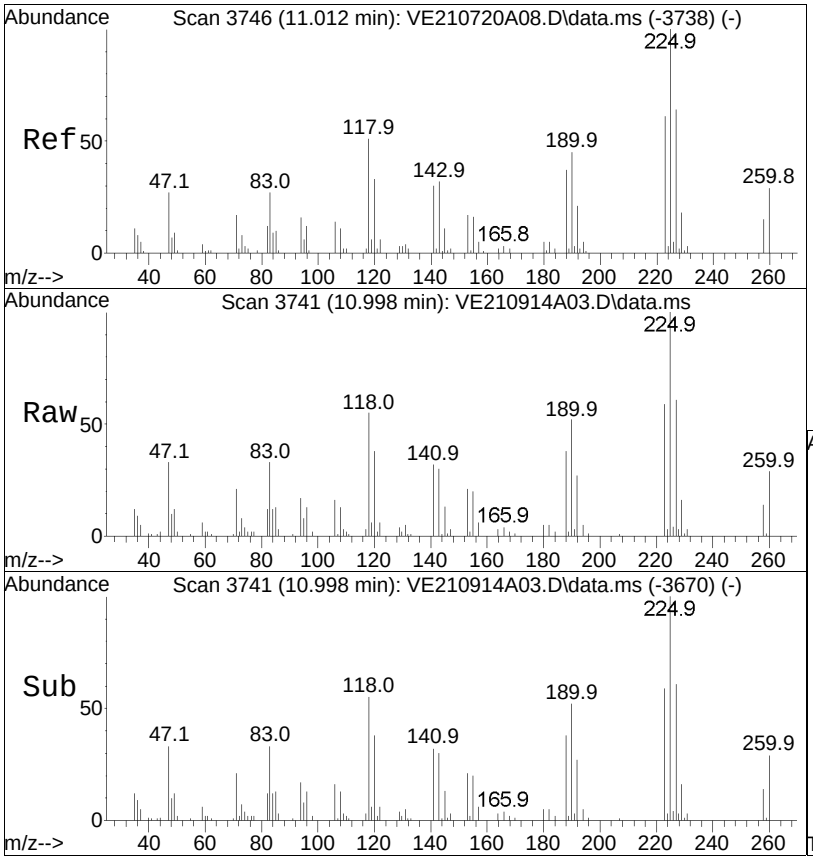


#106
1,2-Dibromo-3-chloropropane
Concen: 7.35 ug/L
RT: 10.642 min Scan# 3613
Delta R.T. 0.000 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion:155 Resp: 4538

Ion	Ratio	Lower	Upper
155	100		
157	135.3	94.8	142.2

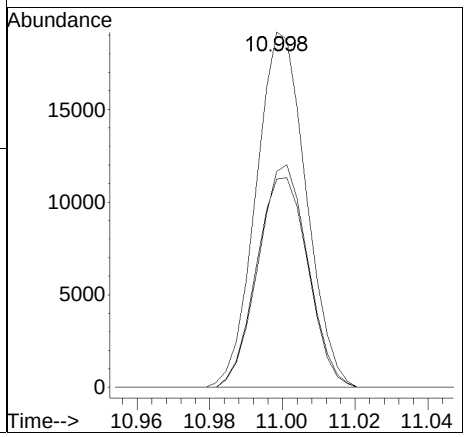


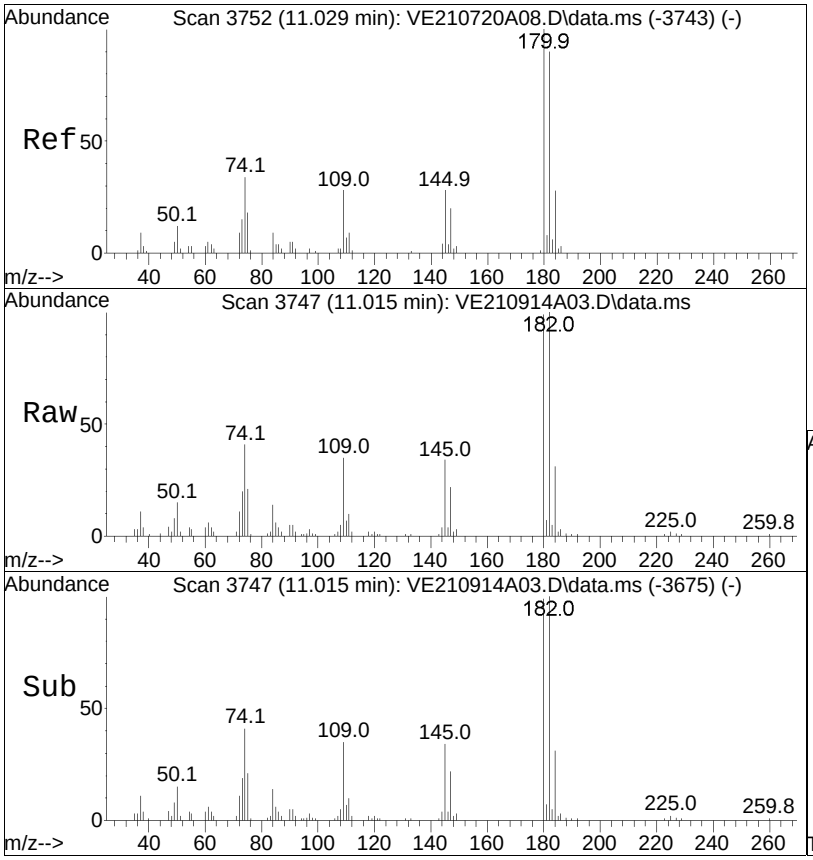


#108
Hexachlorobutadiene
Concen: 9.79 ug/L
RT: 10.998 min Scan# 3741
Delta R.T. -0.003 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion:225 Resp: 18340

Ion	Ratio	Lower	Upper
225	100		
223	60.9	54.3	81.5
227	62.1	52.4	78.6

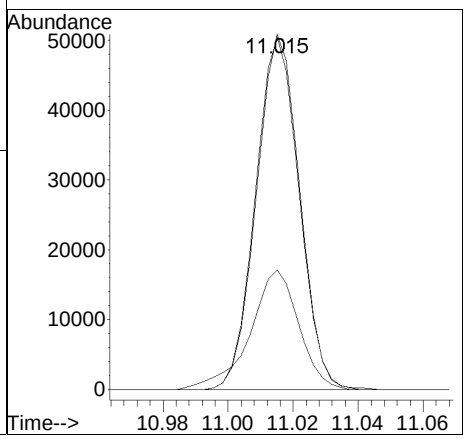


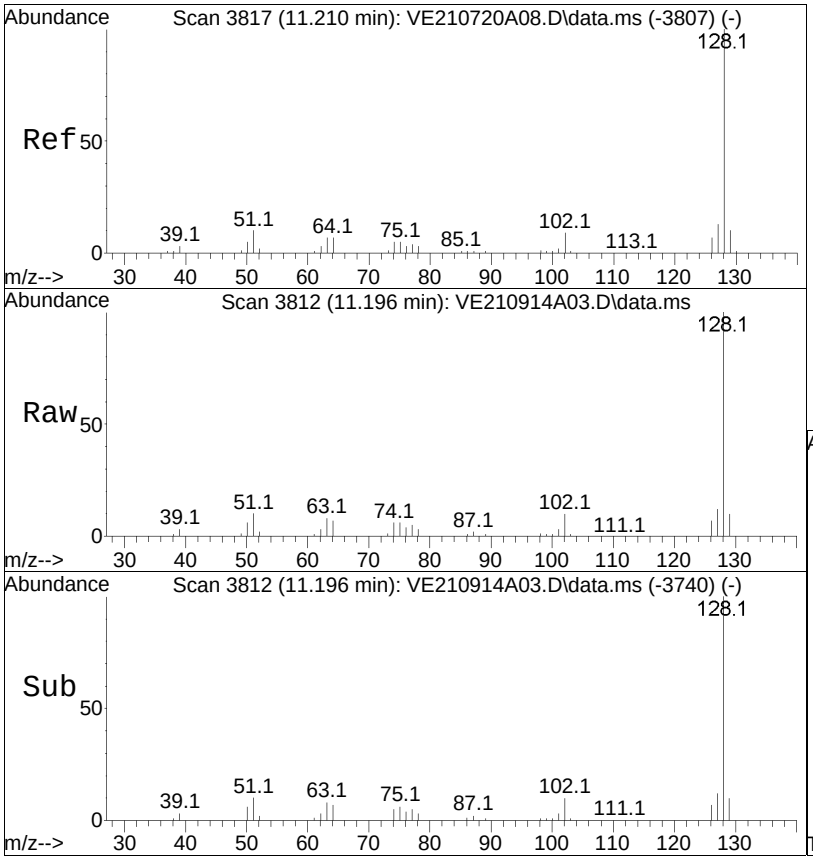


#109
1,2,4-Trichlorobenzene
Concen: 8.92 ug/L
RT: 11.015 min Scan# 3747
Delta R.T. 0.000 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion:180 Resp: 46908

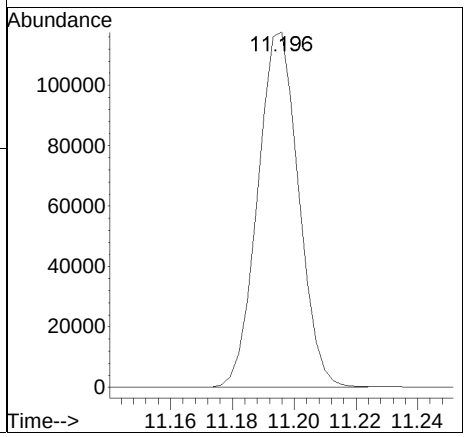
Ion	Ratio	Lower	Upper
180	100		
182	99.9	77.3	115.9
145	37.9	28.1	42.1

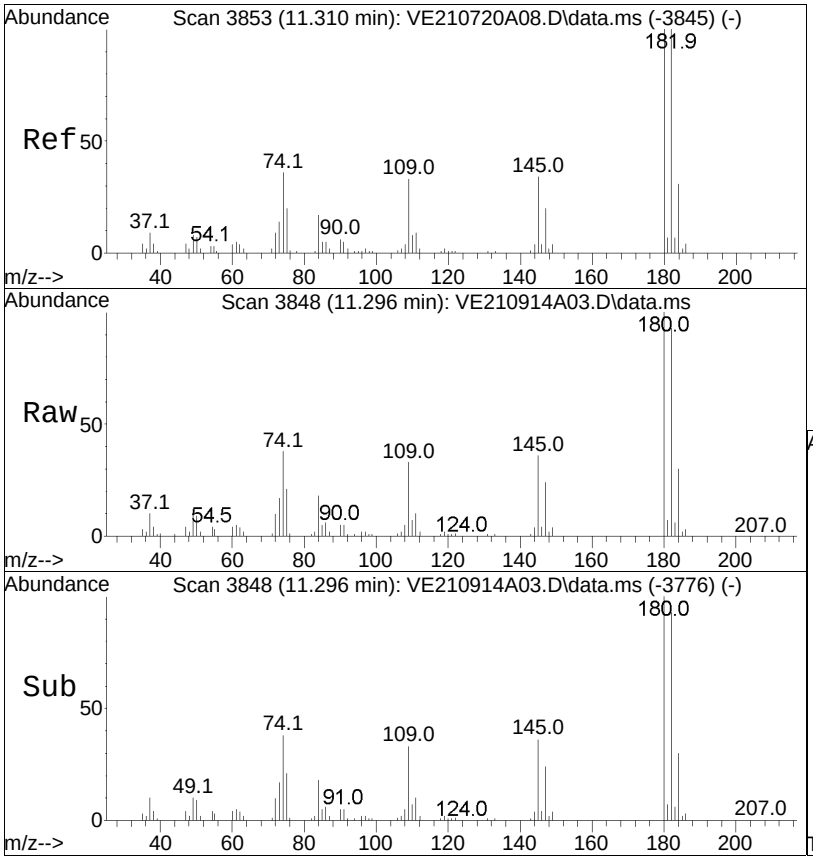




#110
Naphthalene
Concen: 8.34 ug/L
RT: 11.196 min Scan# 3812
Delta R.T. -0.000 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion:128 Resp: 108328

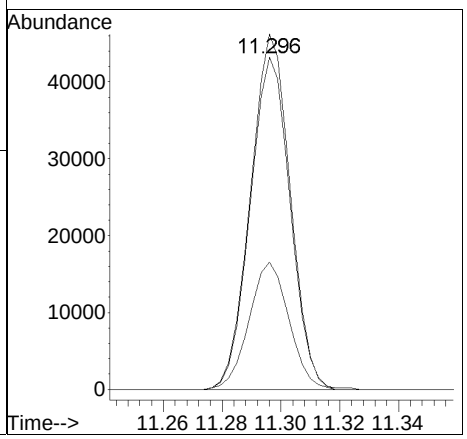




#111
1,2,3-Trichlorobenzene
Concen: 9.05 ug/L
RT: 11.296 min Scan# 3848
Delta R.T. 0.000 min
Lab File: VE210914A03.D
Acq: 14 Sep 2021 9:06 am

Tgt Ion:180 Resp: 43399

Ion	Ratio	Lower	Upper
180	100		
182	93.9	76.4	114.6
145	35.8	26.4	39.6

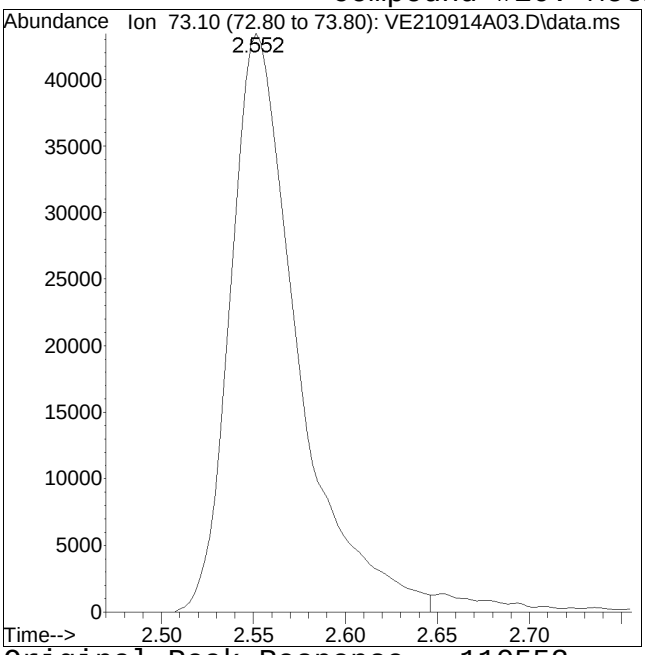


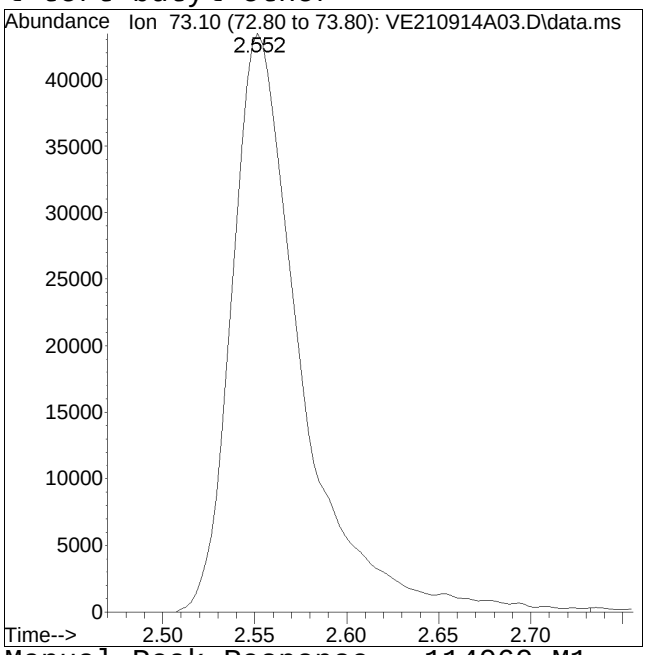
Manual Integration Report

Data Path : I:\VOLATILES\Elaine\2021\2Q
Data File : VE210914A03.D
Date Inj'd : 9/14/2021 9:06 am
Sample : WG1546709-4,31,10,10

Method : Elaine_210909A_8260.m
Operator : ELAINE:PD
Instrument : Elaine
Quant Date : 9/14/2021 9:20 am

Compound #20: Methyl tert-butyl ether





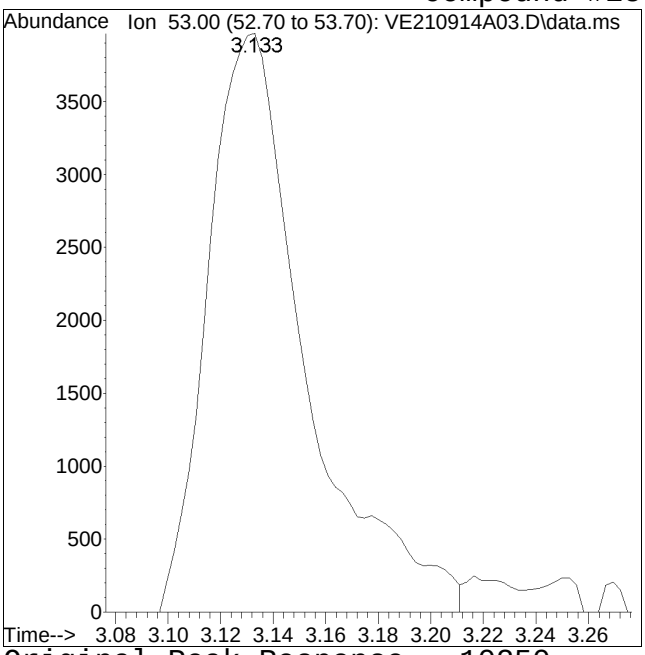
Original Peak Response = 110552 Manual Peak Response = 114060 M1

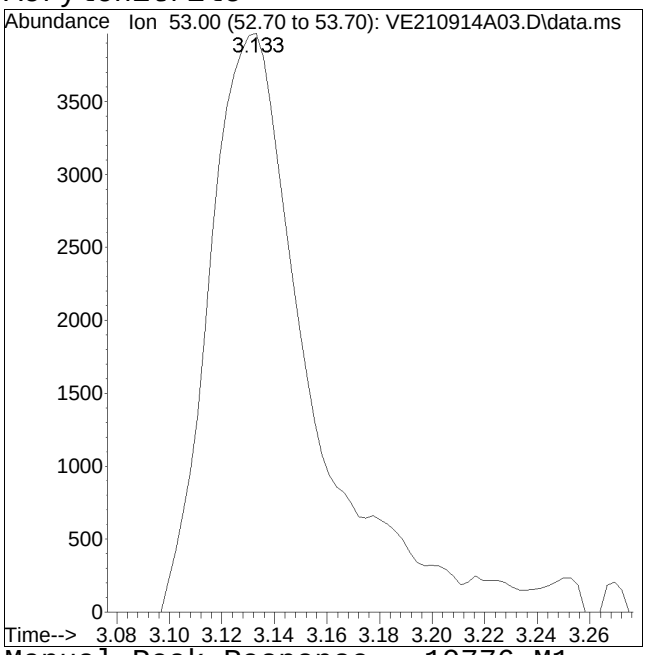
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\Elaine\2021\2QMethod : Elaine_210909A_8260.m
Data File : VE210914A03.D Operator : ELAINE:PD
Date Inj'd : 9/14/2021 9:06 am Instrument : Elaine
Sample : WG1546709-4,31,10,10 Quant Date : 9/14/2021 9:20 am

Compound #25: Acrylonitrile



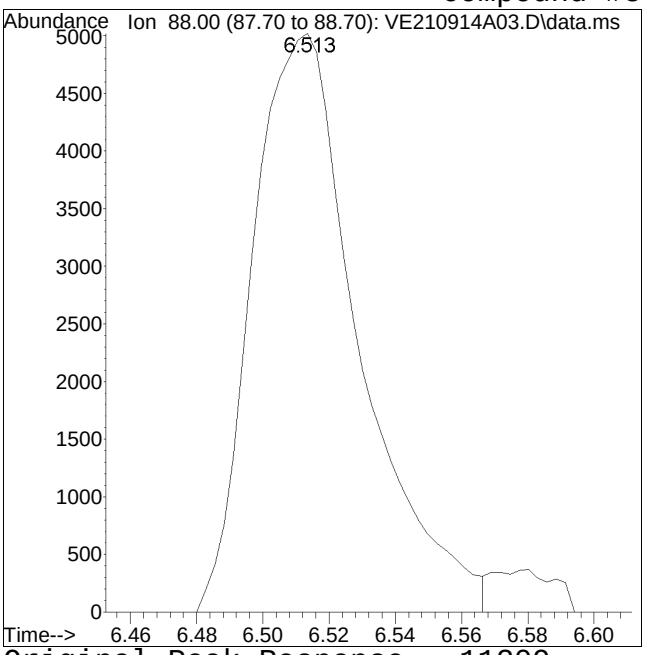


Original Peak Response = 10250 Manual Peak Response = 10776 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

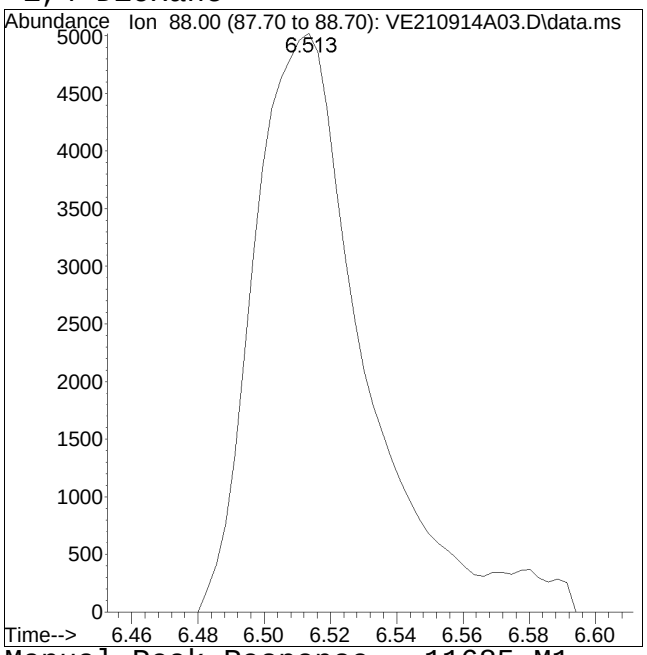
Manual Integration Report

Data Path : I:\VOLATILES\Elaine\2021\2QMethod : Elaine_210909A_8260.m
Data File : VE210914A03.D Operator : ELAINE:PD
Date Inj'd : 9/14/2021 9:06 am Instrument : Elaine
Sample : WG1546709-4,31,10,10 Quant Date : 9/14/2021 9:20 am

Compound #57: 1,4-Dioxane



Original Peak Response = 11209



Manual Peak Response = 11685 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Calculation of Volatile Organic Compounds

Aqueous Concentration Formula: Amt * DF * Uf * (1/Vo)

Where:
DF = Dilution Factor
Vo = Sample Volume Purged (mL)
Uf = ng Unit Correction Factor (mL)

Soil Concentration Formula: Amt * DF * (1/Wt)

Where:
DF = Dilution Factor
Wt = Weight of Sample (g)

ALPHA ANALYTICAL LABORATORIES, INC.

Alpha WORK GROUP REPORT (wk02)

Sep 15 2021, 04:10 pm

Work Group: WG1546709 for Department: 31 GC/MS - Volatiles

Created: 15-SEP-21 Due: Operator: NLK

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2148526-01	MW-204	S	NYTCL-8260	WATER	DONE	U	0923	0916	S0	Vial-B
L2148526-02	MW-205	S	NYTCL-8260	WATER	DONE	U	0923	0916	S0	Vial-B
L2148526-03	MW-206	S	NYTCL-8260	WATER	DONE	U	0923	0916	S0	Vial-B
L2148526-04	MW-207	S	NYTCL-8260	WATER	DONE	U	0923	0916	S0	Vial-B
L2148526-05	MW-209	S	NYTCL-8260	WATER	DONE	U	0923	0916	S0	Vial-B
L2148526-06	MW-211	S	NYTCL-8260	WATER	DONE	U	0923	0916	S0	Vial-B
L2148526-07	MW-214	S	NYTCL-8260	WATER	DONE	U	0923	0916	S0	Vial-B
L2148526-08	FB	S	NYTCL-8260	WATER	DONE	U	0923	0916	S0	Vial-B
L2148526-09	TB	S	NYTCL-8260	WATER	DONE	U	0921	0916	S0	Vial-B
L2148579-01	MW4	S	NYTCL-8260	WATER	DONE	U	0923	0916	S0	Vial-B
L2148579-02	MW6	S	NYTCL-8260	WATER	SEC	U	0923	0916	S0	Vial-B
L2148579-03	MW8	S	NYTCL-8260	WATER	DONE	U	0923	0916	S0	Vial-B
L2148651-01	TREATED 30	S	NYTCL-8260-R2	WATER	DONE	U	0923	0916	S0	Vial-B
L2148947-01	MW01_091021	S	NYTCL-8260	WATER	DONE	U	0924	0916	S0	Vial-B
L2148947-02	MW08_091021	S	NYTCL-8260	WATER	DONE	U	0924	0916	S0	Vial-B
L2148947-03	GWDUP01_091021	S	NYTCL-8260	WATER	DONE	U	0924	0916	S0	Vial-B
L2148947-04	TB04_091021	S	NYTCL-8260	WATER	DONE	U	0924	0916	S0	Vial-B
WG1546709-1	MS BFB Tune Standard	S	NYTCL-8260-R2	WATER	DONE	U				
WG1546709-1	MS BFB Tune Standard	S	NYTCL-8260	WATER	DONE	U				
WG1546709-2	Continuing Calibrati	S	NYTCL-8260	WATER	DONE	U				
WG1546709-2	Continuing Calibrati	S	NYTCL-8260-R2	WATER	DONE	U				
WG1546709-3	Laboratory Control S	S	NYTCL-8260-R2	WATER	DACQ	U				
WG1546709-3	Laboratory Control S	S	NYTCL-8260	WATER	DONE	U				
WG1546709-4	LCS Duplicate	S	NYTCL-8260-R2	WATER	DACQ	U				
WG1546709-4	LCS Duplicate	S	NYTCL-8260	WATER	DONE	U				
WG1546709-5	Laboratory Method Bl	S	NYTCL-8260	WATER	DONE	U				
WG1546709-5	Laboratory Method Bl	S	NYTCL-8260-R2	WATER	DACQ	U				
WG1546709-6	Matrix Spike	S	NYTCL-8260	WATER	SEC	U				
WG1546709-6	Matrix Spike	S	NYTCL-8260-R2	WATER	DACQ	U				
WG1546709-7	Matrix Spike Duplica	S	NYTCL-8260	WATER	SEC	U				
WG1546709-7	Matrix Spike Duplica	S	NYTCL-8260-R2	WATER	DACQ	U				

Comments:

WG1546709-4	WG1546709-3
WG1546709-6	L2148579-02
WG1546709-7	L2148579-02

				Method	
Inst:	Elaine	BFB:	V8515	GC:	8260_LUMIN
Initials:	PD	IS/SS:	V8521	Autosampler:	8260
Date:	**09/09/21**	ICAL:	V8576,V8571,V8574B	Concentrator:	-
Run:	**A**	ICV:	V8577,V8514,V8539,V8563,V8525,V8562	QC:	Seq:

Vial	DATA FILE	SAMPLE	pH<2
1	VE210909ABF1	BFB TUNE 10:54	
1	VE210909A01	BLK	
2	VE210909A02	BLK	
3	VE210909A03	I8260STD0.19PPB	
4	VE210909A04	I8260STD0.19PPB	
5	VE210909A05	I8260STD0.5PPB	
6	VE210909A06	I8260STD0.5PPB	
7	VE210909A07	I8260STD2PPB	
8	VE210909A08	I8260STD2PPB	
9	VE210909A09	I8260STD10PPB	
10	VE210909A10	I8260STD30PPB	
11	VE210909A11	I8260STD80PPB	
12	VE210909A12	I8260STD120PPB	
13	VE210909A13	I8260STD200PPB	
14	VE210909A14	BLK	
15	VE210909A15	BLK	
16	VE210909A16	BLK	
17	VE210909A17	BLK	
18	VE210909A18	C8260STD10PPB	
19	VE210909A19	C8260STD10PPB	
20	VE210909A20	BLK	
21	VE210909A21	BLK	
22	VE210909A22	BLK	
23	VE210909A23	METHOD BLK	
24	VE210909A24	I8260STD0.19PPB	
25	VE210909A25	I8260STD0.5PPB	
26	VE210909A26	I8260STD2PPB	
27	VE210909A27	BLK	

Inst: Elaine
Initials: PD
Date: **09/14/21**
Run: **A**

BFB: V8515
IS/SS: V8521
ICAL: V8576,V8571,V8574B

Method
GC: 8260_LUMIN
Autosampler: 8260
Concentrator: -

QC: _____ Seq: _____

Vial	DATA FILE	SAMPLE			pH<2
1	VE210914ABF1	BFB TUNE 08:18			
1	VE210914A01	8260 CCAL QC FAILS			
2	VE210914A02	8260 CCAL LCS			
3	VE210914A03	8260 CCAL LCSD			
4	VE210914A04	BLK			
5	VE210914A05	METHOD BLK			
6	VE210914A06	L2148947-04,31,10,10,,A,PRI	NYTCL	TB	pH<2
7	VE210914A07	L2148947-03,31,10,10,,A,PRI	NYTCL		pH<2
8	VE210914A08	L2148947-02,31,10,10,,A,PRI	NYTCL		pH<2
9	VE210914A09	L2148947-01,31,10,10,,A,PRI	NYTCL		pH<2
10	VE210914A10	L2148579-01,31,10,10,,A	NYTCL		pH<2
11	VE210914A11	L2148579-02,31,10,10,,A	NYTCL		pH<2
12	VE210914A12	L2148579-03,31,10,10,,A	NYTCL		pH<2
13	VE210914A13	L2148526-01,31,10,10,,A,PRI	NYTCL/15		pH<2
14	VE210914A14	L2148526-02,31,10,10,,A,PRI	NYTCL/15		pH<2
15	VE210914A15	L2148526-03,31,10,10,,A,PRI	NYTCL/15		pH<2
16	VE210914A16	L2148526-04,31,10,10,,A,PRI	NYTCL/15		pH<2
17	VE210914A17	L2148526-05,31,10,10,,A,PRI	NYTCL/15		pH<2
18	VE210914A18	L2148526-06,31,10,10,,A,PRI	NYTCL/15		pH<2
19	VE210914A19	L2148526-07,31,10,10,,A,PRI	NYTCL/15		pH>2
20	VE210914A20	L2148526-08,31,10,10,,A,PRI	NYTCL/15	FB	pH<2
21	VE210914A21	L2148526-09,31,10,10,,A,PRI	NYTCL/15	TB	pH<2
22	VE210914A22	L2148636-02,31,10,10,,A,PRI	NJ/15	FB	pH<2
23	VE210914A23	L2148636-03,31,10,10,,A	NJ/15	TB	pH<2
24	VE210914A24	L2148636-01,31,10,10,,A,PRI	NJ/15		pH<2
25	VE210914A25	L2148651-01,31,10,10,,A	NYCURVE		pH<2
26	VE210914A26	L2148579-02MS,31,10,10,,A1	NYTCL		pH<2
27	VE210914A27	L2148579-02MSD,31,10,10,,A2	NYTCL		pH<2
28	VE210914A28	BLK			
29	VE210914A29	BLK			
30	VE210914A30	BLK			
31	VE210914A31	BLK			
32	VE210914A32	L2146574-01,31,10,10,,A	8260/RFB		pH>2
33	VE210914A33	L2146574-02,31,10,10,,A	8260/RFB		pH>2
34	VE210914A34	L2146574-03,31,10,10,,A	8260/RFB		pH>2
35	VE210914A35	L2146574-04,31,10,10,,A	8260/RFB		pH>2
36	VE210914A36	L2146574-05,31,10,10,,A	8260/RFB		pH>2
37	VE210914A37	L2146574-06,31,10,10,,A	8260/RFB		pH>2
38	VE210914A38	L2146574-07,31,10,10,,A	8260/RFB		pH>2

				Method	
Inst:	Elaine	BFB:	V8515	GC:	8260_LUMIN
Initials:	PD	IS/SS:	V8521	Autosampler:	8260
Date:	**09/14/21**	ICAL:	V8576,V8571,V8574B	Concentrator:	-
Run:	**A**			QC: _____	Seq: _____

Vial	DATA FILE	SAMPLE	pH<2
39	VE210914A39	HSTD	
40	VE210914A40	BLK	
41	VE210914A41	BLK	

PFAAs

Semivolatiles QC Summary

Surrogate (Extracted Internal Standard) Recovery Summary
Form 2
Semivolatiles

Client: Soils Engineering Services, Inc.
Project Name: GROSSINGERS

Lab Number: L2148526
Project Number: 9313:11
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S1 ()	S2 ()	S3 ()	S4 ()	S5 ()	S6 ()	S7 ()
MW-204 (L2148526-01)	105	94	93	89	97	103	100
MW-205 (L2148526-02)	83	82	102	88	85	107	83
MW-206 (L2148526-03)	94	93	88	89	93	94	89
MW-207 (L2148526-04)	94	90	86	83	90	94	88
MW-209 (L2148526-05)	107	102	100	98	103	109	100
MW-211 (L2148526-06)	76	77	103	78	78	108	75
MW-214 (L2148526-07)	96	89	85	90	94	95	91
FB (L2148526-08)	107	116	106	108	107	109	100
WG1545566-1BLANK	107	118	110	112	110	112	104
WG1545566-2LCS	105	113	102	108	105	105	100
MW-204MS	107	98	96	97	101	105	103
MW-205DUP	85	85	106	89	89	114	88

QC LIMITS

(58-132) S1 = PERFLUORO[13C4]BUTANOIC ACID (MPFBA)
(62-163) S2 = PERFLUORO[13C5]PENTANOIC ACID (M5PFPEA)
(70-131) S3 = PERFLUORO[2,3,4-13C3]BUTANESULFONIC ACID (M3PFBS)
(57-129) S4 = PERFLUORO[1,2,3,4,6-13C5]HEXANOIC ACID (M5PFHXA)
(60-129) S5 = PERFLUORO[1,2,3,4-13C4]HEPTANOIC ACID (M4PFHPA)
(71-134) S6 = PERFLUORO[1,2,3-13C3]HEXANESULFONIC ACID (M3PFHXS)
(71-134) S7 = PERFLUORO[13C8]OCTANOIC ACID (M8PFOA)

*** Values outside of QC limits**

Surrogate (Extracted Internal Standard) Recovery Summary
Form 2
Semivolatiles

Client: Soils Engineering Services, Inc.
Project Name: GROSSINGERS

Lab Number: L2148526
Project Number: 9313:11
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S8 ()	S9 ()	S10 ()	S11 ()	S12 ()	S13 ()	S14 ()
MW-204 (L2148526-01)	200*	100	110	104	140	81	100
MW-205 (L2148526-02)	103	83	108	84	108	60	86
MW-206 (L2148526-03)	119	89	94	92	102	74	91
MW-207 (L2148526-04)	164*	86	94	85	110	65	82
MW-209 (L2148526-05)	170*	96	106	96	124	72	90
MW-211 (L2148526-06)	109	75	108	84	97	58	88
MW-214 (L2148526-07)	130	88	95	91	104	71	89
FB (L2148526-08)	109	99	113	107	113	93	104
WG1545566-1BLANK	111	105	112	104	107	87	102
WG1545566-2LCS	108	101	108	101	103	85	101
MW-204MS	175*	102	109	105	136	74	99
MW-205DUP	117	92	112	94	110	67	101

QC LIMITS

(14-147) S8 = 1H,1H,2H,2H-PERFLUORO[1,2-13C2]OCTANESULFONIC ACID (M2-6:2FTS)
(59-139) S9 = PERFLUORO[13C9]NONANOIC ACID (M9PFNA)
(69-131) S10 = PERFLUORO[13C8]OCTANESULFONIC ACID (M8PFOS)
(62-124) S11 = PERFLUORO[1,2,3,4,5,6-13C6]DECANOIC ACID (M6PFDA)
(10-162) S12 = 1H,1H,2H,2H-PERFLUORO[1,2-13C2]DECANESULFONIC ACID (M2-8:2FTS)
(24-116) S13 = N-DEUTERIOMETHYLPERFLUORO-1-OCTANESULFONAMIDOACETIC ACID (D3-NMEFOSAA)
(24-116) S14 = PERFLUORO[1,2,3,4,5,6,7-13C7]UNDECANOIC ACID (M7-PFUDA)

*** Values outside of QC limits**

Surrogate (Extracted Internal Standard) Recovery Summary
Form 2
Semivolatiles

Client: Soils Engineering Services, Inc.
Project Name: GROSSINGERS

Lab Number: L2148526
Project Number: 9313:11
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S15 ()	S16 ()	S17 ()	S18 ()	S19 ()	S20 ()	S21 ()	TOT OUT
MW-204 (L2148526-01)	44	100	96	82	--	--	--	1
MW-205 (L2148526-02)	26	64	85	78	--	--	--	0
MW-206 (L2148526-03)	49	79	87	74	--	--	--	0
MW-207 (L2148526-04)	43	70	78	66	--	--	--	1
MW-209 (L2148526-05)	42	77	85	79	--	--	--	1
MW-211 (L2148526-06)	22	67	89	80	--	--	--	0
MW-214 (L2148526-07)	41	83	83	71	--	--	--	0
FB (L2148526-08)	73	92	104	88	--	--	--	0
WG1545566-1BLANK	64	84	99	81	--	--	--	0
WG1545566-2LCS	62	93	96	85	--	--	--	0
MW-204MS	47	93	92	74	--	--	--	1
MW-205DUP	25	68	97	90	--	--	--	0

QC LIMITS

(10-112) S15 = PERFLUORO[13C8]OCTANESULFONAMIDE (M8FOSA)
(27-126) S16 = N-DEUTERIOETHYLPERFLUORO-1-OCTANESULFONAMIDOACETIC ACID (D5-NETFOSAA)
(48-131) S17 = PERFLUORO[1,2-13C2]DODECANOIC ACID (MPFDOA)
(22-136) S18 = PERFLUORO[1,2-13C2]TETRADECANOIC ACID (M2PFTEDA)

*** Values outside of QC limits**

FORM II A2-NY-537-ISOTOPE (Continued)

Lab Duplicate Sample Summary
Form 3
Semivolatiles

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Client Sample ID	: MW-205	**Matrix**	: WATER
Lab Sample ID	: L2148526-02	**Analysis Date**	: 09/15/21 05:25
Lab File ID	: I46765	**DUP File ID**	: I46766
Dup Sample ID	: WG1545566-4	**DUP Analysis Date**	: 09/15/21 05:42

Parameter	Sample Concentration (ng/l)	Duplicate Concentration (ng/l)	RPD	RPD Limit
Perfluorobutanoic Acid (PFBA)	ND	ND	NC	30
Perfluoropentanoic Acid (PFPeA)	ND	ND	NC	30
Perfluorobutanesulfonic Acid (PFBS)	ND	ND	NC	30
Perfluorohexanoic Acid (PFHxA)	ND	ND	NC	30
Perfluoroheptanoic Acid (PFHpA)	ND	ND	NC	30
Perfluorohexanesulfonic Acid (PFHxS)	ND	ND	NC	30
Perfluorooctanoic Acid (PFOA)	0.786J	0.722J	NC	30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	ND	NC	30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	ND	NC	30
Perfluorononanoic Acid (PFNA)	ND	ND	NC	30
Perfluorooctanesulfonic Acid (PFOS)	0.819JF	0.733JF	NC	30
Perfluorodecanoic Acid (PFDA)	ND	ND	NC	30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	ND	NC	30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	ND	NC	30
Perfluoroundecanoic Acid (PFUnA)	ND	ND	NC	30
Perfluorodecanesulfonic Acid (PFDS)	ND	ND	NC	30
Perfluorooctanesulfonamide (FOSA)	ND	ND	NC	30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	ND	NC	30
Perfluorododecanoic Acid (PFDoA)	ND	ND	NC	30
Perfluorotridecanoic Acid (PFTrDA)	ND	ND	NC	30
Perfluorotetradecanoic Acid (PFTA)	ND	ND	NC	30

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Matrix	: WATER		
LCS Sample ID	: WG1545566-2	**Analysis Date** : 09/15/21 04:36	**File ID** : I46762
LCSD Sample ID	:	**Analysis Date** :	**File ID** :

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ng/l)	Found (ng/l)	%R	True (ng/l)	Found (ng/l)	%R	RPD	Recovery Limits	RPD Limit
Perfluorobutanoic Acid (PFBA)	40	37.8	94				-	67-148	30
Perfluoropentanoic Acid (PFPeA)	40	36.9	92				-	63-161	30
Perfluorobutanesulfonic Acid (PFBS)	35.5	33.5	94				-	65-157	30
Perfluorohexanoic Acid (PFHxA)	40	37.8	94				-	69-168	30
Perfluoroheptanoic Acid (PFHpA)	40	37.8	94				-	58-159	30
Perfluorohexanesulfonic Acid (PFHxS)	36.6	34.3	94				-	69-177	30
Perfluorooctanoic Acid (PFOA)	40	39.4	98				-	63-159	30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	38.1	40.0	105				-	49-187	30
Perfluoroheptanesulfonic Acid (PFHpS)	38.1	34.6	91				-	61-179	30
Perfluorononanoic Acid (PFNA)	40	39.4	98				-	68-171	30
Perfluorooctanesulfonic Acid (PFOS)	37.1	38.5	104				-	52-151	30
Perfluorodecanoic Acid (PFDA)	40	39.8	99				-	63-171	30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	38.4	41.9	109				-	56-173	30

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Matrix	: WATER		
LCS Sample ID	: WG1545566-2	**Analysis Date** : 09/15/21 04:36	**File ID** : I46762
LCSD Sample ID	:	**Analysis Date** :	**File ID** :

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ng/l)	Found (ng/l)	%R	True (ng/l)	Found (ng/l)	%R	RPD	Recovery Limits	RPD Limit
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	40	39.7	99				-	60-166	30
Perfluoroundecanoic Acid (PFUnA)	40	41.8	104				-	60-153	30
Perfluorodecanesulfonic Acid (PFDS)	38.6	35.9	93				-	38-156	30
Perfluorooctanesulfonamide (FOSA)	40	37.2	93				-	46-170	30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	40	38.2	96				-	45-170	30
Perfluorododecanoic Acid (PFDoA)	40	40.9	102				-	67-153	30
Perfluorotridecanoic Acid (PFTrDA)	40	48.7	122				-	48-158	30
Perfluorotetradecanoic Acid (PFTA)	40	37.8	95				-	59-182	30

Matrix Spike Sample Summary
Form 3
Semivolatiles

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Client Sample ID	: MW-204	**Matrix**	: WATER
Lab Sample ID	: L2148526-01	**Analysis Date**	: 09/15/21 04:52
Matrix Spike	: WG1545566-3	**MS Analysis Date**	: 09/15/21 05:09
Matrix Spike Dup	:	**MSD Analysis Date**	:

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	**Sample Conc. (ng/l)**	**Spike Added (ng/l)**	**Spike Conc. (ng/l)**	**%R**	**Spike Added (ng/l)**	**Spike Conc. (ng/l)**	**%R**	**RPD**	**Recovery Limits**	**RPD Limit**
Perfluorobutanoic Acid (PFBA)	1.53J	36.5	33.9	89					67-148	30
Perfluoropentanoic Acid (PFPeA)	0.976J	36.5	33.7	90					63-161	30
Perfluorobutanesulfonic Acid (PFBS)	0.332J	32.4	30.4	93					65-157	30
Perfluorohexanoic Acid (PFHxA)	0.909J	36.5	34.2	91					69-168	30
Perfluoroheptanoic Acid (PFHpA)	0.926J	36.5	34.7	92					58-159	30
Perfluorohexanesulfonic Acid (PFHxS)	ND	33.4	30.9	93					69-177	30
Perfluorooctanoic Acid (PFOA)	1.95	36.5	36.5	95					63-159	30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	34.7	37.3	107					49-187	30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	34.7	31.0	89					61-179	30
Perfluorononanoic Acid (PFNA)	0.332J	36.5	35.2	96					68-171	30
Perfluorooctanesulfonic Acid (PFOS)	7.56	33.9	41.6	101					52-151	30
Perfluorodecanoic Acid (PFDA)	ND	36.5	35.2	96					63-171	30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	35	35.6	102					56-173	30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	36.5	38.3	105					60-166	30
Perfluoroundecanoic Acid (PFUnA)	ND	36.5	36.3	100					60-153	30

Matrix Spike Sample Summary
Form 3
Semivolatiles

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Client Sample ID	: MW-204	**Matrix**	: WATER
Lab Sample ID	: L2148526-01	**Analysis Date**	: 09/15/21 04:52
Matrix Spike	: WG1545566-3	**MS Analysis Date**	: 09/15/21 05:09
Matrix Spike Dup	:	**MSD Analysis Date**	:

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	**Sample Conc. (ng/l)**	**Spike Added (ng/l)**	**Spike Conc. (ng/l)**	**%R**	**Spike Added (ng/l)**	**Spike Conc. (ng/l)**	**%R**	**RPD**	**Recovery Limits**	**RPD Limit**
Perfluorodecanesulfonic Acid (PFDS)	ND	35.2	31.8	90					38-156	30
Perfluorooctanesulfonamide (FOSA)	ND	36.5	34.8	95					46-170	30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.857J	36.5	33.2	89					45-170	30
Perfluorododecanoic Acid (PFDoA)	ND	36.5	33.7	92					67-153	30
Perfluorotridecanoic Acid (PFTrDA)	ND	36.5	40.4	111					48-158	30
Perfluorotetradecanoic Acid (PFTA)	ND	36.5	36.4	100					59-182	30

Method Blank Summary
Form 4
Semivolatiles

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab Sample ID	: WG1545566-1	**Lab File ID**	: I46761
Instrument ID	: LCMS02	**Extraction Date**	: 09/13/21
Matrix	: WATER	**Analysis Date**	: 09/15/21 04:19
Level	: LOW		

Client Sample No.	Lab Sample ID	Analysis Date
WG1545566-2LCS	WG1545566-2	09/15/21 04:36
MW-204	L2148526-01	09/15/21 04:52
MW-204MS	WG1545566-3	09/15/21 05:09
MW-205	L2148526-02	09/15/21 05:25
MW-205DUP	WG1545566-4	09/15/21 05:42
MW-206	L2148526-03	09/15/21 05:58
MW-207	L2148526-04	09/15/21 06:15
MW-209	L2148526-05	09/15/21 06:32
MW-211	L2148526-06	09/15/21 06:48
MW-214	L2148526-07	09/15/21 07:05
FB	L2148526-08	09/15/21 07:21

Date Created: 07/09/20
Created By: Jason Hebert
File: PM8786-1
Page: 1

PFAAs via LCMSMS-Isotope Dilution (WATER)

Holding Time: 14 days
Container/Sample Preservation: 1 - 2 Plastic/1 Plastic/1 H20 Plastic

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Perfluorobutanoic Acid (PFBA)	375-22-4	2	0.408	ng/l	67-148	30	67-148	30	30			
Perfluoropentanoic Acid (PFPeA)	2706-90-3	2	0.396	ng/l	63-161	30	63-161	30	30			
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	2	0.238	ng/l	65-157	30	65-157	30	30			
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	757124-72-4	2	0.452	ng/l	37-219	30	37-219	30	30			
Perfluorohexanoic Acid (PFHxA)	307-24-4	2	0.328	ng/l	69-168	30	69-168	30	30			
Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4	2	0.2452	ng/l	52-156	30	52-156	30	30			
Perfluoroheptanoic Acid (PFHpA)	375-85-9	2	0.2252	ng/l	58-159	30	58-159	30	30			
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	2	0.376	ng/l	69-177	30	69-177	30	30			
Perfluorooctanoic Acid (PFOA)	335-67-1	2	0.236	ng/l	63-159	30	63-159	30	30			
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2	2	1.332	ng/l	49-187	30	49-187	30	30			
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	2	0.688	ng/l	61-179	30	61-179	30	30			
Perfluorononanoic Acid (PFNA)	375-95-1	2	0.312	ng/l	68-171	30	68-171	30	30			
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	2	0.504	ng/l	52-151	30	52-151	30	30			
Perfluorodecanoic Acid (PFDA)	335-76-2	2	0.304	ng/l	63-171	30	63-171	30	30			
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4	2	1.212	ng/l	56-173	30	56-173	30	30			
Perfluorononanesulfonic Acid (PFNS)	68259-12-1	2	1.12	ng/l	48-150	30	48-150	30	30			
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSA	2355-31-9	2	0.648	ng/l	60-166	30	60-166	30	30			
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	2	0.26	ng/l	60-153	30	60-153	30	30			
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	2	0.98	ng/l	38-156	30	38-156	30	30			
Perfluorooctanesulfonamide (FOSA)	754-91-6	2	0.58	ng/l	46-170	30	46-170	30	30			
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	2	0.804	ng/l	45-170	30	45-170	30	30			
Perfluorododecanoic Acid (PFDoA)	307-55-1	2	0.372	ng/l	67-153	30	67-153	30	30			
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	2	0.3272	ng/l	48-158	30	48-158	30	30			
Perfluorotetradecanoic Acid (PFTA)	376-06-7	2	0.248	ng/l	59-182	30	59-182	30	30			
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Pr	13252-13-6	50	22.7	ng/l	50-150	30	50-150	30	30			
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	919005-14-4	2	0.336	ng/l	50-150	30	50-150	30	30			
Perfluorohexadecanoic Acid (PFHxDA)	67905-19-5	4	1.24	ng/l	50-150	30	50-150	30	30			
Perfluorooctadecanoic Acid (PFODA)	16517-11-6	4	1.148	ng/l	50-150	30	50-150	30	30			
Perfluorododecane Sulfonic Acid (PFDoDS)	79780-39-5	2	0.616	ng/l	50-150	30	50-150	30	30			
1H,1H,2H,2H-Perfluorododecanesulfonic Acid (10:2FTS)	120226-60-0	5	2.02	ng/l	50-150	30	50-150	30	30			
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF	756426-58-1	2	0.2768	ng/l	50-150	30	50-150	30	30			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl	763051-92-9	2	0.2932	ng/l	50-150	30	50-150	30	30			
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	31506-32-8	20	7.36	ng/l	50-150	30	50-150	30	30			
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	4151-50-2	20	6.64	ng/l	50-150	30	50-150	30	30			
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	24448-09-7	50	22.2	ng/l	50-150	30	50-150	30	30			
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	1691-99-2	50	22.52	ng/l	50-150	30	50-150	30	30			
Perfluoro[13C4]Butanoic Acid (MPFBA)	*NONE*									*2-156*		
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	*NONE*									*16-173*		
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	*NONE*									*31-159*		
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-	*NONE*									*1-313*		
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	*NONE*									*21-145*		
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	*NONE*									*30-139*		

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. ***(Soil/Solids only)***
Please Note that the information provided in this table is subject to change at anytime at the discretion of Alpha Analytical, Inc.

Date Created: 07/09/20
Created By: Jason Hebert
File: PM8786-1
Page: 2

PFAAs via LCMSMS-Isotope Dilution (WATER)

Holding Time: 14 days
Container/Sample Preservation: 1 - 2 Plastic/1 Plastic/1 H20 Plastic

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	*NONE*									*47-153*		
Perfluoro[13C8]Octanoic Acid (M8PFOA)	*NONE*									*36-149*		
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6	*NONE*									*1-244*		
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	*NONE*									*34-146*		
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	*NONE*									*42-146*		
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	*NONE*									*38-144*		
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8	*NONE*									*7-170*		
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid	*NONE*									*1-181*		
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	*NONE*									*40-144*		
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	*NONE*									*1-87*		
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d	*NONE*									*23-146*		
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	*NONE*									*24-161*		
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	*NONE*									*33-143*		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-13	*NONE*									*50-150*		
Perfluoro[13C2]Hexadecanoic Acid (M2PFHxDA)	*NONE*									*50-150*		
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (d3-NMeFOSA)	*NONE*									*50-150*		
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (d5-NEtFOSA)	*NONE*									*50-150*		
2-(N-Methyl-d3-Perfluoro-1-Octanesulfonamido)ethan-d4-ol	*1265205-95-5*									*50-150*		
2-(N-Ethyl-d5-Perfluoro-1-Octanesulfonamido)ethan-d4-ol (	*NONE*									*50-150*		

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. ***(Soil/Solids only)***
Please Note that the information provided in this table is subject to change at anytime at the discretion of Alpha Analytical, Inc.

Date Created: 07/09/20
Created By: Jason Hebert
File: PM8787-1
Page: 1

PFAAs via LCMSMS-Isotope Dilution (SOIL)

Holding Time: 14 days
Container/Sample Preservation: 1 - Plastic 8oz unpreserved

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Perfluorobutanoic Acid (PFBA)	375-22-4	1	0.0227	ng/g	71-135	30	71-135	30	30			
Perfluoropentanoic Acid (PFPeA)	2706-90-3	1	0.046	ng/g	69-132	30	69-132	30	30			
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	1	0.039	ng/g	72-128	30	72-128	30	30			
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	757124-72-4	1	0.0645	ng/g	62-145	30	62-145	30	30			
Perfluorohexanoic Acid (PFHxA)	307-24-4	1	0.0525	ng/g	70-132	30	70-132	30	30			
Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4	1	0.0835	ng/g	73-123	30	73-123	30	30			
Perfluoroheptanoic Acid (PFHpA)	375-85-9	1	0.0451	ng/g	71-131	30	71-131	30	30			
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	1	0.0605	ng/g	67-130	30	67-130	30	30			
Perfluorooctanoic Acid (PFOA)	335-67-1	1	0.0419	ng/g	69-133	30	69-133	30	30			
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2	1	0.1795	ng/g	64-140	30	64-140	30	30			
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	1	0.1365	ng/g	70-132	30	70-132	30	30			
Perfluorononanoic Acid (PFNA)	375-95-1	1	0.075	ng/g	72-129	30	72-129	30	30			
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	1	0.13	ng/g	68-136	30	68-136	30	30			
Perfluorodecanoic Acid (PFDA)	335-76-2	1	0.067	ng/g	69-133	30	69-133	30	30			
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4	1	0.287	ng/g	65-137	30	65-137	30	30			
Perfluorononanesulfonic Acid (PFNS)	68259-12-1	1	0.299	ng/g	69-125	30	69-125	30	30			
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSA	2355-31-9	1	0.2015	ng/g	63-144	30	63-144	30	30			
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	1	0.0468	ng/g	64-136	30	64-136	30	30			
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	1	0.153	ng/g	59-134	30	59-134	30	30			
Perfluorooctanesulfonamide (FOSA)	754-91-6	1	0.098	ng/g	67-137	30	67-137	30	30			
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	1	0.0845	ng/g	61-139	30	61-139	30	30			
Perfluorododecanoic Acid (PFDoA)	307-55-1	1	0.07	ng/g	69-135	30	69-135	30	30			
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	1	0.2045	ng/g	66-139	30	66-139	30	30			
Perfluorotetradecanoic Acid (PFTA)	376-06-7	1	0.054	ng/g	69-133	30	69-133	30	30			
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Pr	13252-13-6	10	3.81	ng/g	50-150	30	50-150	30	30			
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	919005-14-4	1	0.0413	ng/g	50-150	30	50-150	30	30			
Perfluorohexadecanoic Acid (PFHxDA)	67905-19-5	2	0.12	ng/g	50-150	30	50-150	30	30			
Perfluorooctadecanoic Acid (PFODA)	16517-11-6	2	0.171	ng/g	50-150	30	50-150	30	30			
Perfluorododecane Sulfonic Acid (PFDoDS)	79780-39-5	1	0.086	ng/g	50-150	30	50-150	30	30			
1H,1H,2H,2H-Perfluorododecanesulfonic Acid (10:2FTS)	120226-60-0	1	0.275	ng/g	50-150	30	50-150	30	30			
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF	756426-58-1	1	0.0374	ng/g	50-150	30	50-150	30	30			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl	763051-92-9	1	0.0388	ng/g	50-150	30	50-150	30	30			
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	31506-32-8	1	0.379	ng/g	50-150	30	50-150	30	30			
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	4151-50-2	1	0.407	ng/g	50-150	30	50-150	30	30			
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	24448-09-7	2	0.52	ng/g	50-150	30	50-150	30	30			
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	1691-99-2	2	0.73	ng/g	50-150	30	50-150	30	30			
Perfluoro[13C4]Butanoic Acid (MPFBA)	*NONE*									*60-153*		
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	*NONE*									*65-182*		
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	*NONE*									*70-151*		
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-	*NONE*									*56-138*		
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	*NONE*									*61-147*		
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	*NONE*									*62-149*		

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. ***(Soil/Solids only)***
Please Note that the information provided in this table is subject to change at anytime at the discretion of Alpha Analytical, Inc.

Date Created: 07/09/20
Created By: Jason Hebert
File: PM8787-1
Page: 2

PFAAs via LCMSMS-Isotope Dilution (SOIL)

Holding Time: 14 days
Container/Sample Preservation: 1 - Plastic 8oz unpreserved

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	*NONE*									*63-166*		
Perfluoro[13C8]Octanoic Acid (M8PFOA)	*NONE*									*62-152*		
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6	*NONE*									*32-182*		
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	*NONE*									*61-154*		
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	*NONE*									*65-151*		
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	*NONE*									*65-150*		
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8	*NONE*									*25-186*		
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid	*NONE*									*45-137*		
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	*NONE*									*64-158*		
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	*NONE*									*1-125*		
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d	*NONE*									*42-136*		
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	*NONE*									*56-148*		
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	*NONE*									*26-160*		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-13	*NONE*									*50-150*		
Perfluoro[13C2]Hexadecanoic Acid (M2PFHxDA)	*NONE*									*50-150*		
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (d3-NMeFOSA)	*NONE*									*50-150*		
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (d5-NEtFOSA)	*NONE*									*50-150*		
2-(N-Methyl-d3-Perfluoro-1-Octanesulfonamido)ethan-d4-ol	*1265205-95-5*									*50-150*		
2-(N-Ethyl-d5-Perfluoro-1-Octanesulfonamido)ethan-d4-ol (	*NONE*									*50-150*		

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. ***(Soil/Solids only)***
Please Note that the information provided in this table is subject to change at anytime at the discretion of Alpha Analytical, Inc.

Semivolatile Sample Data

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-01	**Date Collected**	: 09/09/21 11:45
Client ID	: MW-204	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/15/21 04:52
Sample Matrix	: WATER	**Date Extracted**	: 09/13/21
Analytical Method	: 134,LCMSMS-ID	**Dilution Factor**	: 1
Lab File ID	: I46763	**Analyst**	: SG
Sample Amount	: 286 g	**Instrument ID**	: LCMS02
Extraction Method	: ALPHA 23528	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
375-22-4	Perfluorobutanoic Acid (PFBA)	1.53	1.75	0.357	J
2706-90-3	Perfluoropentanoic Acid (PFPeA)	0.976	1.75	0.346	J
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	0.332	1.75	0.208	J
307-24-4	Perfluorohexanoic Acid (PFHxA)	0.909	1.75	0.287	J
375-85-9	Perfluoroheptanoic Acid (PFHpA)	0.926	1.75	0.197	J
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	1.75	0.329	U
335-67-1	Perfluorooctanoic Acid (PFOA)	1.95	1.75	0.206	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.75	1.16	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.75	0.601	U
375-95-1	Perfluorononanoic Acid (PFNA)	0.332	1.75	0.273	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	7.56	1.75	0.440	
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.75	0.266	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.75	1.06	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.75	0.566	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.75	0.227	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.75	0.857	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.75	0.507	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.857	1.75	0.703	J

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-01	**Date Collected**	: 09/09/21 11:45
Client ID	: MW-204	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/15/21 04:52
Sample Matrix	: WATER	**Date Extracted**	: 09/13/21
Analytical Method	: 134,LCMSMS-ID	**Dilution Factor**	: 1
Lab File ID	: I46763	**Analyst**	: SG
Sample Amount	: 286 g	**Instrument ID**	: LCMS02
Extraction Method	: ALPHA 23528	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.75	0.325	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.75	0.286	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.75	0.217	U
NONE	PFOA/PFOS, Total	9.51	1.75	0.206	

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-02	**Date Collected**	: 09/09/21 12:15
Client ID	: MW-205	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/15/21 05:25
Sample Matrix	: WATER	**Date Extracted**	: 09/13/21
Analytical Method	: 134,LCMSMS-ID	**Dilution Factor**	: 1
Lab File ID	: I46765	**Analyst**	: SG
Sample Amount	: 271 g	**Instrument ID**	: LCMS02
Extraction Method	: ALPHA 23528	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	1.84	0.376	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	1.84	0.365	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	1.84	0.220	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	1.84	0.302	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	1.84	0.208	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	1.84	0.347	U
335-67-1	Perfluorooctanoic Acid (PFOA)	0.786	1.84	0.218	J
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.84	1.23	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.84	0.635	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.84	0.288	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	0.819	1.84	0.465	JF
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.84	0.280	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.84	1.12	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.84	0.598	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.84	0.240	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.84	0.904	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.84	0.535	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.84	0.742	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-02	**Date Collected**	: 09/09/21 12:15
Client ID	: MW-205	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/15/21 05:25
Sample Matrix	: WATER	**Date Extracted**	: 09/13/21
Analytical Method	: 134,LCMSMS-ID	**Dilution Factor**	: 1
Lab File ID	: I46765	**Analyst**	: SG
Sample Amount	: 271 g	**Instrument ID**	: LCMS02
Extraction Method	: ALPHA 23528	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.84	0.343	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.84	0.302	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.84	0.229	U
NONE	PFOA/PFOS, Total	1.61	1.84	0.218	J

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-03	**Date Collected**	: 09/09/21 09:15
Client ID	: MW-206	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/15/21 05:58
Sample Matrix	: WATER	**Date Extracted**	: 09/13/21
Analytical Method	: 134,LCMSMS-ID	**Dilution Factor**	: 1
Lab File ID	: I46767	**Analyst**	: SG
Sample Amount	: 273 g	**Instrument ID**	: LCMS02
Extraction Method	: ALPHA 23528	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
375-22-4	Perfluorobutanoic Acid (PFBA)	5.14	1.83	0.374	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	1.49	1.83	0.363	J
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	1.53	1.83	0.218	J
307-24-4	Perfluorohexanoic Acid (PFHxA)	2.09	1.83	0.300	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	2.52	1.83	0.206	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	2.35	1.83	0.344	
335-67-1	Perfluorooctanoic Acid (PFOA)	14.6	1.83	0.216	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	1.87	1.83	1.22	
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.83	0.630	U
375-95-1	Perfluorononanoic Acid (PFNA)	0.766	1.83	0.286	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	32.5	1.83	0.462	
335-76-2	Perfluorodecanoic Acid (PFDA)	0.315	1.83	0.278	J
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.83	1.11	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.83	0.593	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.83	0.238	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.83	0.897	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.83	0.531	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.83	0.736	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-03	**Date Collected**	: 09/09/21 09:15
Client ID	: MW-206	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/15/21 05:58
Sample Matrix	: WATER	**Date Extracted**	: 09/13/21
Analytical Method	: 134,LCMSMS-ID	**Dilution Factor**	: 1
Lab File ID	: I46767	**Analyst**	: SG
Sample Amount	: 273 g	**Instrument ID**	: LCMS02
Extraction Method	: ALPHA 23528	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.83	0.341	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.83	0.300	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.83	0.227	U
NONE	PFOA/PFOS, Total	47.1	1.83	0.216	

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-04	**Date Collected**	: 09/09/21 10:30
Client ID	: MW-207	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/15/21 06:15
Sample Matrix	: WATER	**Date Extracted**	: 09/13/21
Analytical Method	: 134,LCMSMS-ID	**Dilution Factor**	: 1
Lab File ID	: I46768	**Analyst**	: SG
Sample Amount	: 285 g	**Instrument ID**	: LCMS02
Extraction Method	: ALPHA 23528	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
375-22-4	Perfluorobutanoic Acid (PFBA)	2.52	1.75	0.358	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	1.57	1.75	0.347	J
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	0.916	1.75	0.209	J
307-24-4	Perfluorohexanoic Acid (PFHxA)	2.72	1.75	0.288	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	1.81	1.75	0.198	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	1.78	1.75	0.330	F
335-67-1	Perfluorooctanoic Acid (PFOA)	9.68	1.75	0.207	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	57.0	1.75	1.17	
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.75	0.604	U
375-95-1	Perfluorononanoic Acid (PFNA)	1.13	1.75	0.274	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	29.9	1.75	0.442	
335-76-2	Perfluorodecanoic Acid (PFDA)	0.624	1.75	0.267	J
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.75	1.06	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.75	0.568	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.75	0.228	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.75	0.860	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.75	0.509	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.75	0.705	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-04	**Date Collected**	: 09/09/21 10:30
Client ID	: MW-207	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/15/21 06:15
Sample Matrix	: WATER	**Date Extracted**	: 09/13/21
Analytical Method	: 134,LCMSMS-ID	**Dilution Factor**	: 1
Lab File ID	: I46768	**Analyst**	: SG
Sample Amount	: 285 g	**Instrument ID**	: LCMS02
Extraction Method	: ALPHA 23528	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.75	0.326	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.75	0.287	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.75	0.218	U
NONE	PFOA/PFOS, Total	39.6	1.75	0.207	

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-05	**Date Collected**	: 09/09/21 09:00
Client ID	: MW-209	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/15/21 06:32
Sample Matrix	: WATER	**Date Extracted**	: 09/13/21
Analytical Method	: 134,LCMSMS-ID	**Dilution Factor**	: 1
Lab File ID	: I46769	**Analyst**	: SG
Sample Amount	: 276 g	**Instrument ID**	: LCMS02
Extraction Method	: ALPHA 23528	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
375-22-4	Perfluorobutanoic Acid (PFBA)	5.04	1.81	0.370	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	2.27	1.81	0.359	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	1.25	1.81	0.216	J
307-24-4	Perfluorohexanoic Acid (PFHxA)	1.93	1.81	0.297	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	1.91	1.81	0.204	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	0.348	1.81	0.340	J
335-67-1	Perfluorooctanoic Acid (PFOA)	4.27	1.81	0.214	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	24.1	1.81	1.21	
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.81	0.623	U
375-95-1	Perfluorononanoic Acid (PFNA)	1.81	1.81	0.283	
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	3.38	1.81	0.456	
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.81	0.275	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.81	1.10	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.81	0.587	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.81	0.236	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.81	0.888	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.81	0.525	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.81	0.728	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-05	**Date Collected**	: 09/09/21 09:00
Client ID	: MW-209	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/15/21 06:32
Sample Matrix	: WATER	**Date Extracted**	: 09/13/21
Analytical Method	: 134,LCMSMS-ID	**Dilution Factor**	: 1
Lab File ID	: I46769	**Analyst**	: SG
Sample Amount	: 276 g	**Instrument ID**	: LCMS02
Extraction Method	: ALPHA 23528	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.81	0.337	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.81	0.296	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.81	0.225	U
NONE	PFOA/PFOS, Total	7.65	1.81	0.214	

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-06	**Date Collected**	: 09/09/21 11:00
Client ID	: MW-211	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/15/21 06:48
Sample Matrix	: WATER	**Date Extracted**	: 09/13/21
Analytical Method	: 134,LCMSMS-ID	**Dilution Factor**	: 1
Lab File ID	: I46770	**Analyst**	: SG
Sample Amount	: 271 g	**Instrument ID**	: LCMS02
Extraction Method	: ALPHA 23528	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
375-22-4	Perfluorobutanoic Acid (PFBA)	0.620	1.84	0.376	J
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	1.84	0.365	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	0.240	1.84	0.220	J
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	1.84	0.302	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	1.84	0.208	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	1.84	0.347	U
335-67-1	Perfluorooctanoic Acid (PFOA)	1.07	1.84	0.218	J
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.84	1.23	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.84	0.635	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.84	0.288	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	1.46	1.84	0.465	J
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.84	0.280	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.84	1.12	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.84	0.598	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.84	0.240	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.84	0.904	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.84	0.535	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.84	0.742	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-06	**Date Collected**	: 09/09/21 11:00
Client ID	: MW-211	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/15/21 06:48
Sample Matrix	: WATER	**Date Extracted**	: 09/13/21
Analytical Method	: 134,LCMSMS-ID	**Dilution Factor**	: 1
Lab File ID	: I46770	**Analyst**	: SG
Sample Amount	: 271 g	**Instrument ID**	: LCMS02
Extraction Method	: ALPHA 23528	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.84	0.343	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.84	0.302	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.84	0.229	U
NONE	PFOA/PFOS, Total	2.53	1.84	0.218	J

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-07	**Date Collected**	: 09/09/21 11:45
Client ID	: MW-214	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/15/21 07:05
Sample Matrix	: WATER	**Date Extracted**	: 09/13/21
Analytical Method	: 134,LCMSMS-ID	**Dilution Factor**	: 1
Lab File ID	: I46771	**Analyst**	: SG
Sample Amount	: 280 g	**Instrument ID**	: LCMS02
Extraction Method	: ALPHA 23528	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
375-22-4	Perfluorobutanoic Acid (PFBA)	4.55	1.78	0.364	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	1.93	1.78	0.354	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	2.55	1.78	0.212	
307-24-4	Perfluorohexanoic Acid (PFHxA)	3.87	1.78	0.293	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	2.99	1.78	0.201	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	5.31	1.78	0.336	
335-67-1	Perfluorooctanoic Acid (PFOA)	15.9	1.78	0.211	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.78	1.19	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	0.821	1.78	0.614	J
375-95-1	Perfluorononanoic Acid (PFNA)	0.350	1.78	0.278	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	30.5	1.78	0.450	
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.78	0.271	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.78	1.08	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.78	0.578	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.78	0.232	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.78	0.875	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.78	0.518	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.78	0.718	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-07	**Date Collected**	: 09/09/21 11:45
Client ID	: MW-214	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/15/21 07:05
Sample Matrix	: WATER	**Date Extracted**	: 09/13/21
Analytical Method	: 134,LCMSMS-ID	**Dilution Factor**	: 1
Lab File ID	: I46771	**Analyst**	: SG
Sample Amount	: 280 g	**Instrument ID**	: LCMS02
Extraction Method	: ALPHA 23528	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.78	0.332	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.78	0.292	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.78	0.221	U
NONE	PFOA/PFOS, Total	46.4	1.78	0.211	

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-08	**Date Collected**	: 09/09/21 13:00
Client ID	: FB	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/15/21 07:21
Sample Matrix	: WATER	**Date Extracted**	: 09/13/21
Analytical Method	: 134,LCMSMS-ID	**Dilution Factor**	: 1
Lab File ID	: I46772	**Analyst**	: SG
Sample Amount	: 288 g	**Instrument ID**	: LCMS02
Extraction Method	: ALPHA 23528	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	1.74	0.354	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	1.74	0.344	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	1.74	0.206	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	1.74	0.285	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	1.74	0.195	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	1.74	0.326	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	1.74	0.205	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.74	1.16	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.74	0.597	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.74	0.271	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	1.74	0.438	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.74	0.264	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.74	1.05	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.74	0.562	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.74	0.226	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.74	0.851	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.74	0.503	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.74	0.698	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: L2148526-08	**Date Collected**	: 09/09/21 13:00
Client ID	: FB	**Date Received**	: 09/09/21
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 09/15/21 07:21
Sample Matrix	: WATER	**Date Extracted**	: 09/13/21
Analytical Method	: 134,LCMSMS-ID	**Dilution Factor**	: 1
Lab File ID	: I46772	**Analyst**	: SG
Sample Amount	: 288 g	**Instrument ID**	: LCMS02
Extraction Method	: ALPHA 23528	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.74	0.323	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.74	0.284	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.74	0.215	U
NONE	PFOA/PFOS, Total	ND	1.74	0.205	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: WG1545566-1	**Date Collected**	: NA
Client ID	: WG1545566-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 09/15/21 04:19
Sample Matrix	: WATER	**Date Extracted**	: 09/13/21
Analytical Method	: 134,LCMSMS-ID	**Dilution Factor**	: 1
Lab File ID	: I46761	**Analyst**	: SG
Sample Amount	: 250 g	**Instrument ID**	: LCMS02
Extraction Method	: ALPHA 23528	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	2.00	0.408	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	2.00	0.396	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	2.00	0.238	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	2.00	0.328	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	2.00	0.225	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	2.00	0.376	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	2.00	0.236	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	2.00	1.33	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	2.00	0.688	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	2.00	0.312	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	2.00	0.504	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	2.00	0.304	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	2.00	1.21	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	2.00	0.648	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	2.00	0.260	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	2.00	0.980	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	2.00	0.580	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	2.00	0.804	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: WG1545566-1	**Date Collected**	: NA
Client ID	: WG1545566-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 09/15/21 04:19
Sample Matrix	: WATER	**Date Extracted**	: 09/13/21
Analytical Method	: 134,LCMSMS-ID	**Dilution Factor**	: 1
Lab File ID	: I46761	**Analyst**	: SG
Sample Amount	: 250 g	**Instrument ID**	: LCMS02
Extraction Method	: ALPHA 23528	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	2.00	0.372	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	2.00	0.327	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	2.00	0.248	U
NONE	PFOA/PFOS, Total	ND	2.00	0.236	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: WG1545566-4	**Date Collected**	: 09/09/21 12:15
Client ID	: MW-205DUP	**Date Received**	: 09/09/21
Sample Location	:	**Date Analyzed**	: 09/15/21 05:42
Sample Matrix	: WATER	**Date Extracted**	: 09/13/21
Analytical Method	: 134,LCMSMS-ID	**Dilution Factor**	: 1
Lab File ID	: I46766	**Analyst**	: SG
Sample Amount	: 270 g	**Instrument ID**	: LCMS02
Extraction Method	: ALPHA 23528	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	1.85	0.378	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	1.85	0.367	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	1.85	0.220	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	1.85	0.304	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	1.85	0.208	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	1.85	0.348	U
335-67-1	Perfluorooctanoic Acid (PFOA)	0.722	1.85	0.218	J
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.85	1.23	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.85	0.637	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.85	0.289	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	0.733	1.85	0.467	JF
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.85	0.281	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.85	1.12	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.85	0.600	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.85	0.241	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.85	0.907	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.85	0.537	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.85	0.744	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Lab ID	: WG1545566-4	**Date Collected**	: 09/09/21 12:15
Client ID	: MW-205DUP	**Date Received**	: 09/09/21
Sample Location	:	**Date Analyzed**	: 09/15/21 05:42
Sample Matrix	: WATER	**Date Extracted**	: 09/13/21
Analytical Method	: 134,LCMSMS-ID	**Dilution Factor**	: 1
Lab File ID	: I46766	**Analyst**	: SG
Sample Amount	: 270 g	**Instrument ID**	: LCMS02
Extraction Method	: ALPHA 23528	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.85	0.344	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.85	0.303	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.85	0.230	U

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:54 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210914_537ISO.PRO\MethDB\537ISO_Q_210625_TOP_RT2.mdb 03 Sep 2021 08:44:20
Calibration: C:\MassLynx\Data\2021\210914_537ISO.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

ID: L2148526-01
Name: I46763
Date: 15-Sep-2021
Time: 04:52:38
Description: WG1546150,WG1545566,ICAL18098
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:SG
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.04	213.032 > 169.022	1867	M2	0.439		na	
2	M3PFBA	INT STD	2.08	216.009 > 171.999	42422		8.081		na	80.8
3	MPFBA	INT STD	2.08	217.001 > 171.999	47758		10.470		na	104.7
4	PFPeA	2706-90-3	4.99	263.039 > 219.03	1235	M4	0.279		na	
5	M5PFPEA	INT STD	4.98	268.001 > 222.999	47112		9.412		na	94.1
6	PFBS	375-73-5	5.64	299.092 > 80.062	112	M4	0.095	2.08	NO	
7	M3PFBS	INT STD	5.64	302.069 > 80.062	10795		8.676		na	86.8
8	4:2FTS	757124-72-4		327.146 > 307.139			ND		YES	
9	M2-4:2FTS	INT STD	6.81	329.13 > 309.124	9376		18.805		na	188.0
10	PFHxA	307-24-4	6.88	313.047 > 269.037	1562	M7	0.260	17.62	NO	
11	M5PFHxA	INT STD	6.88	318.009 > 273.007	56546		8.880		na	88.8
12	PFPeS	2706-91-4		349.1 > 80.062			ND		YES	
13	PFHpA	375-85-9	8.16	363.055 > 319.045	2456		0.265	4.99	NO	
14	M4PFHpA	INT STD	8.16	367.025 > 322.022	91698		9.659		na	96.6
15	br-PFHxS	355-46-4		399.107 > 80.062		M7	ND		YES	
16	L-PFHxS	355-46-4	8.32	399.107 > 80.062	135	M7	0.090	1.38	NO	
17	PFHxS	355-46-4		399.107 > 80.062	135		0.090		na	
18	M3PFHxS	INT STD	8.32	402.084 > 80.062	13748		9.743		na	97.4
19	br-PFOA	335-67-1	8.87	413.063 > 369.053	766	M5	0.075	2.79	NO	
20	L-PFOA	335-67-1	9.10	413.063 > 369.053	4940		0.483	8.84	NO	
21	PFOA	335-67-1		413.063 > 369.053	5705		0.558		na	
22	M8PFOA	INT STD	9.10	421.002 > 376.	106047		10.030		na	100.3
23	M2PFOA	INT STD	9.10	415.048 > 370.045	104140		9.833		na	98.3
24	6:2FTS	27619-97-2		427.161 > 407.155			ND		YES	
25	M2-6:2FTS	INT STD	9.06	429.146 > 409.14	9725		18.999		na	190.0
26	PFHpS	375-92-8		449.115 > 80.062			ND		YES	
27	PFNA	375-95-1	9.86	463.071 > 419.061	721	M7	0.095	3.48	NO	
28	M9PFNA	INT STD	9.86	472.002 > 427.	30268		9.967		na	99.7
29	br-PFOS	1763-23-1	9.66	499.123 > 80.062	1394	M5,M7	0.959	5.91	NO	
30	L-PFOS	1763-23-1	9.91	499.123 > 80.062	1411		1.204	1.82	NO	
31	PFOS	1763-23-1		499.123 > 80.062	2804		2.163		na	
32	M4PFOS	INT STD	9.91	503.093 > 80.062	11277		9.964		na	99.6
33	M8PFOS	INT STD	9.91	507.062 > 80.062	13290		10.517		na	105.2
34	PFDA	335-76-2	10.48	513.078 > 469.069	349	M7	0.050	9.62	YES	
35	M2PFDA	INT STD	10.48	515.053 > 469.934	59836		9.809		na	98.1
36	M6PFDA	INT STD	10.48	519.033 > 474.03	70568		10.390		na	103.9
37	8:2FTS	39108-34-4		527.177 > 507.171			ND		YES	
38	M2-8:2FTS	INT STD	10.48	529.162 > 509.155	5039		13.392		na	133.9
39	PFNS	68259-12-1		549.131 > 80.062			ND		YES	

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:54 Eastern Daylight Time

ID: L2148526-01
Name: I46763
Date: 15-Sep-2021
Time: 04:52:38
Description: WG1546150,WG1545566,ICAL18098
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:SG
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.88	573.22 > 419.061	5207		8.134		na	81.3
41	br-NMeFOSAA		10.73	570.202 > 419.061	9	M5	0.047		YES	
42	L-NMeFOSAA		10.88	570.202 > 419.061	56		0.099	5.45	YES	
43	NMeFOSAA	2355-31-9		570.202 > 419.061	65		0.145		na	
44	PFUnA	2058-94-8		563.086 > 519.076			ND		YES	
45	M7-PFUDA	INT STD	11.02	570.033 > 525.031	63169		9.973		na	99.7
46	PFDS	335-77-3		599.139 > 80.062			ND		YES	
47	FOSA	754-91-6	10.98	498.146 > 78.07	112	M7	0.080	11.52	YES	
48	M8FOSA	INT STD	10.97	506.077 > 78.07	16257		4.421		na	44.2
49	br-NEtFOSAA		10.93	584.229 > 419.061	10	M5,M7	0.059	4.53	YES	
50	L-NEtFOSAA		11.18	584.229 > 419.061	96		0.185	1.19	NO	
51	NEtFOSAA	2991-50-6		584.229 > 419.061	107		0.245		na	
52	d5-NEtFOSAA	INT STD	11.17	589.259 > 419.061	5272		9.966		na	99.7
53	PFDoA	307-55-1		613.094 > 569.084			ND		YES	
54	MPFDOA	INT STD	11.50	615.079 > 570.077	58390		9.555		na	95.6
55	PFTrDA	72629-94-8		663.102 > 619.092			ND		YES	
56	PFTA	376-06-7		713.11 > 669.1			ND		YES	
57	M2PFTEDA	INT STD	12.29	715.094 > 670.092	15630		8.155		na	81.5

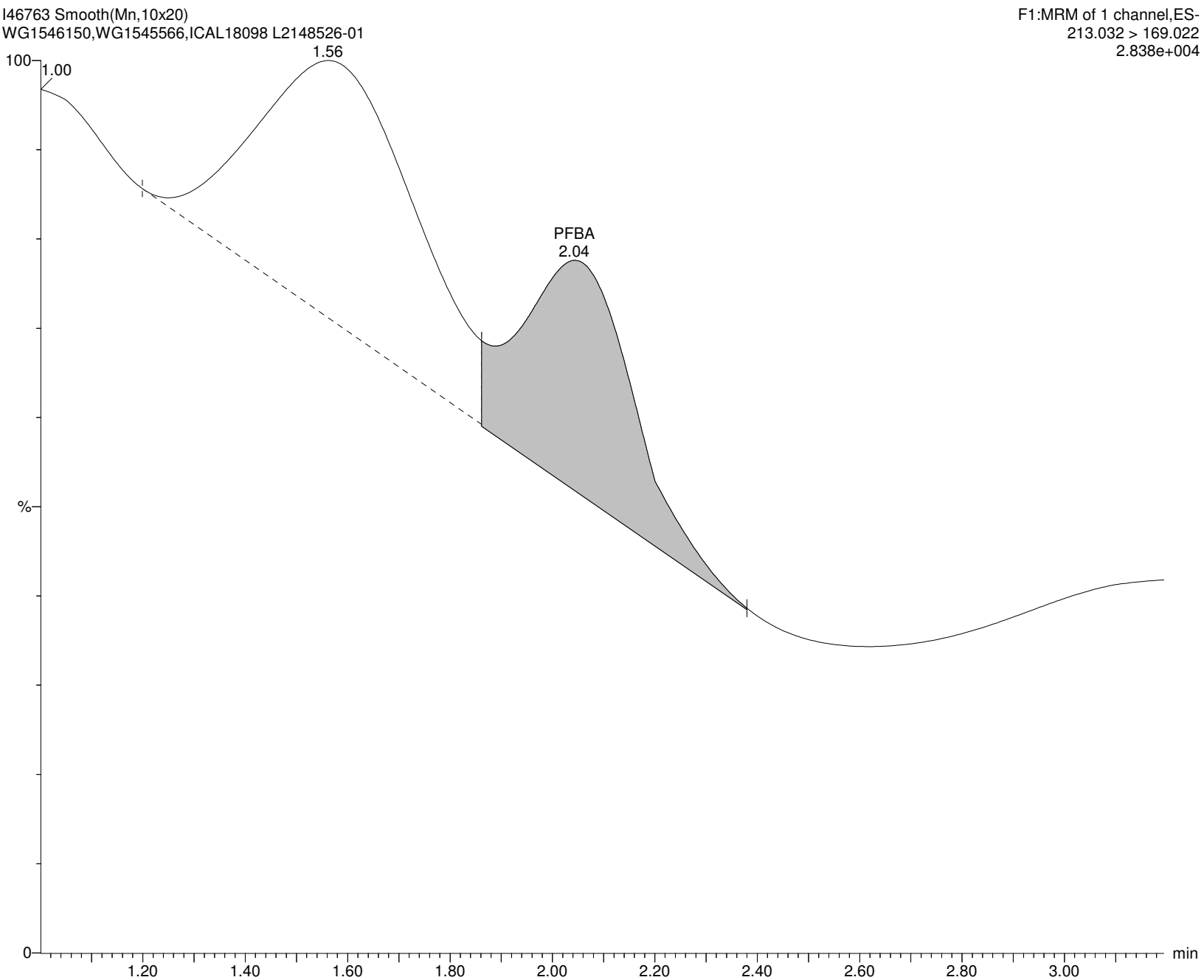
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:54 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210914_537ISO.PRO\MethDB\537ISO_Q_210625_TOP_RT2.mdb 03 Sep 2021 08:44:20
Calibration: C:\MassLynx\Data\2021\210914_537ISO.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

Name: I46763
ID: L2148526-01
Date: 15-Sep-2021
Time: 04:52:38
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBA

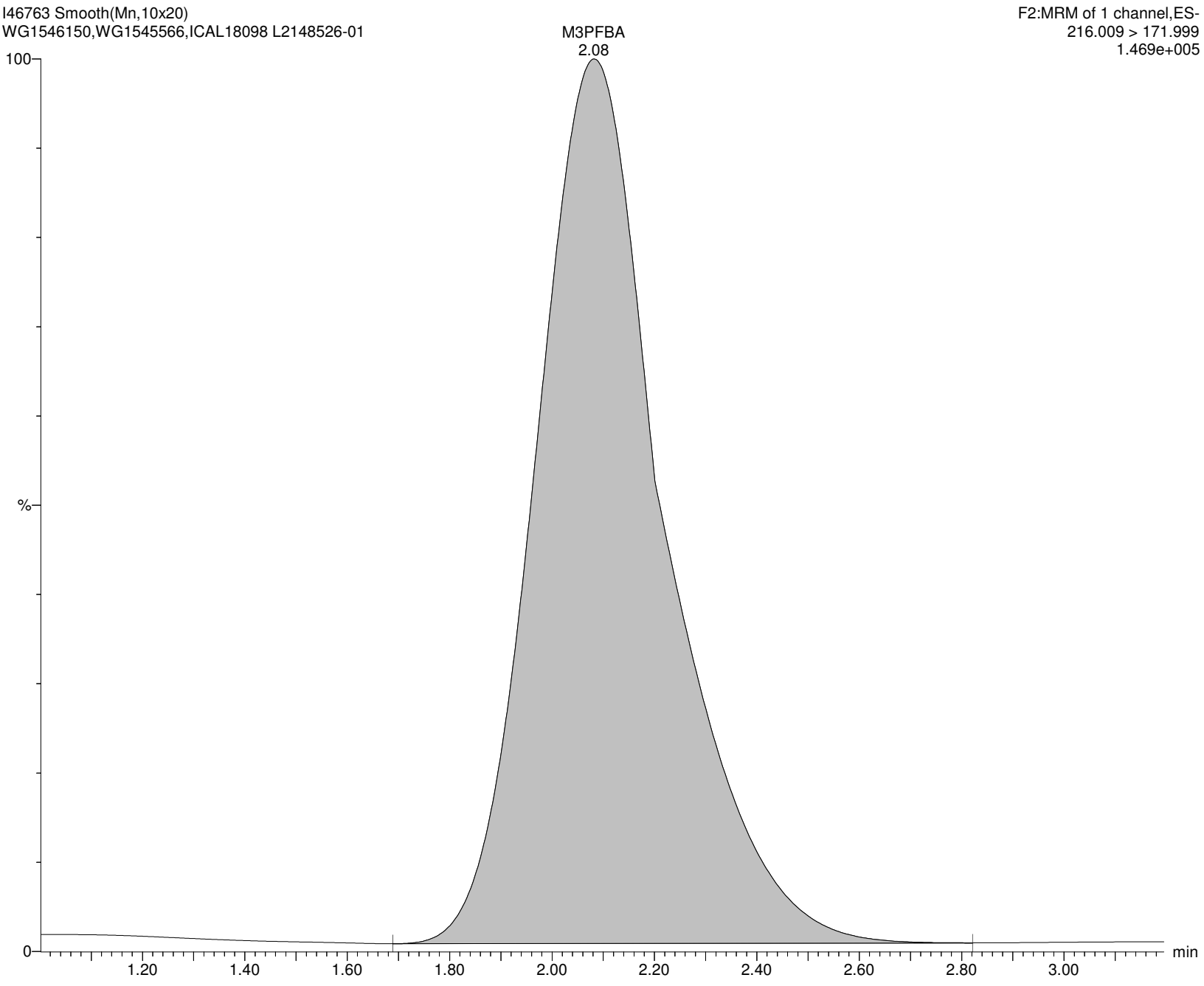


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:54 Eastern Daylight Time

Name: I46763
ID: L2148526-01
Date: 15-Sep-2021
Time: 04:52:38
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBA

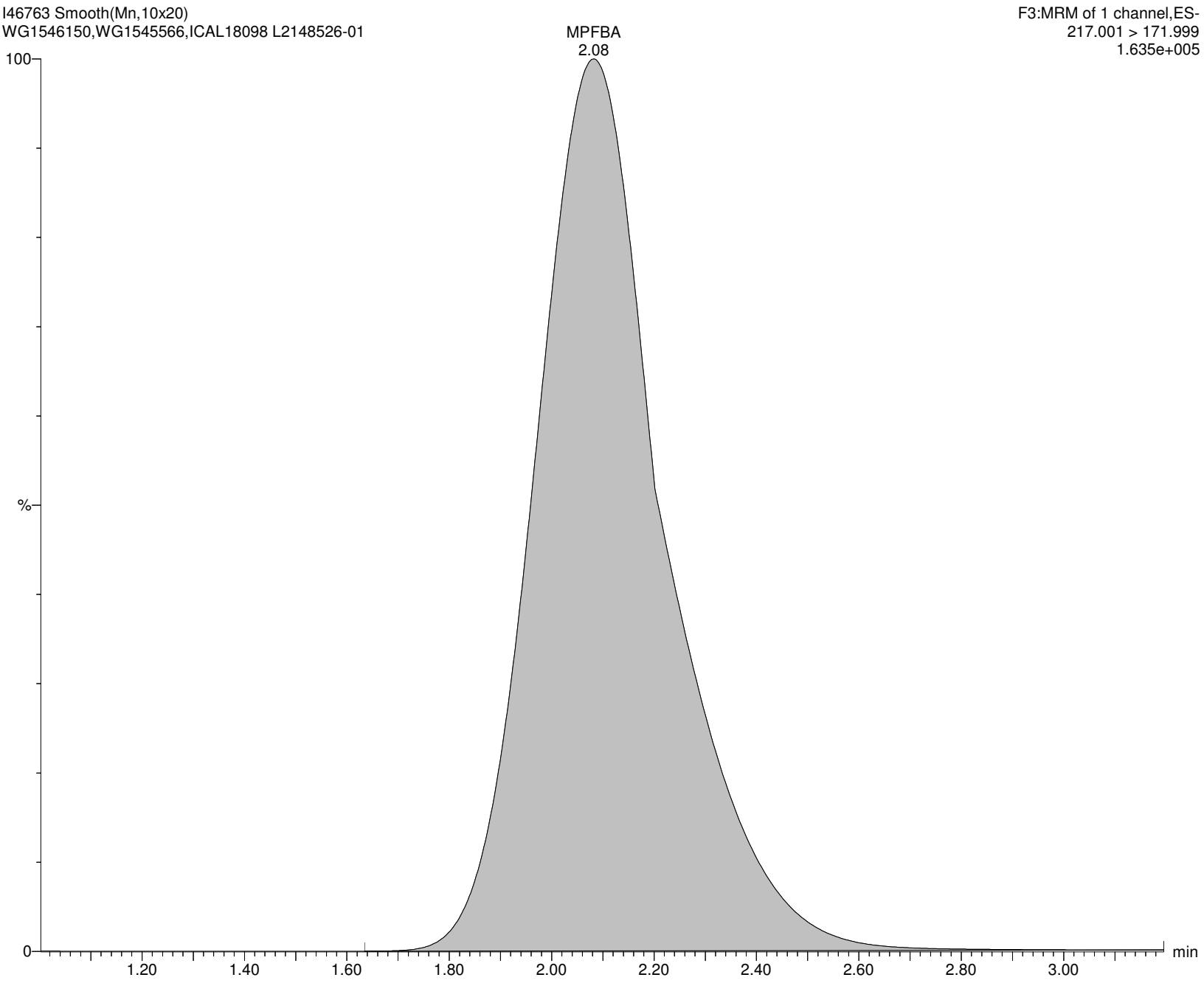


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:54 Eastern Daylight Time

Name: I46763
ID: L2148526-01
Date: 15-Sep-2021
Time: 04:52:38
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFBA

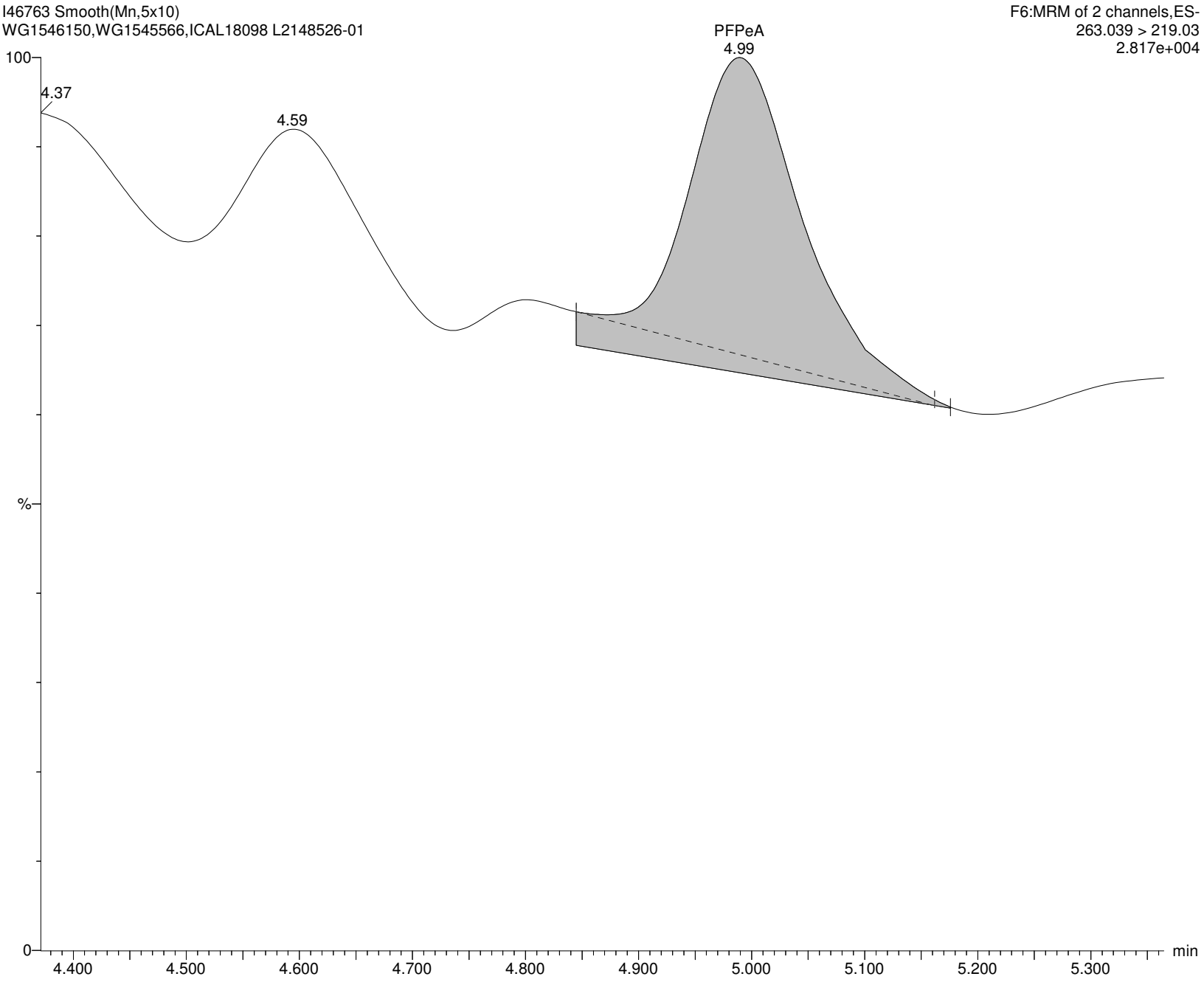


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:54 Eastern Daylight Time

Name: I46763
ID: L2148526-01
Date: 15-Sep-2021
Time: 04:52:38
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeA

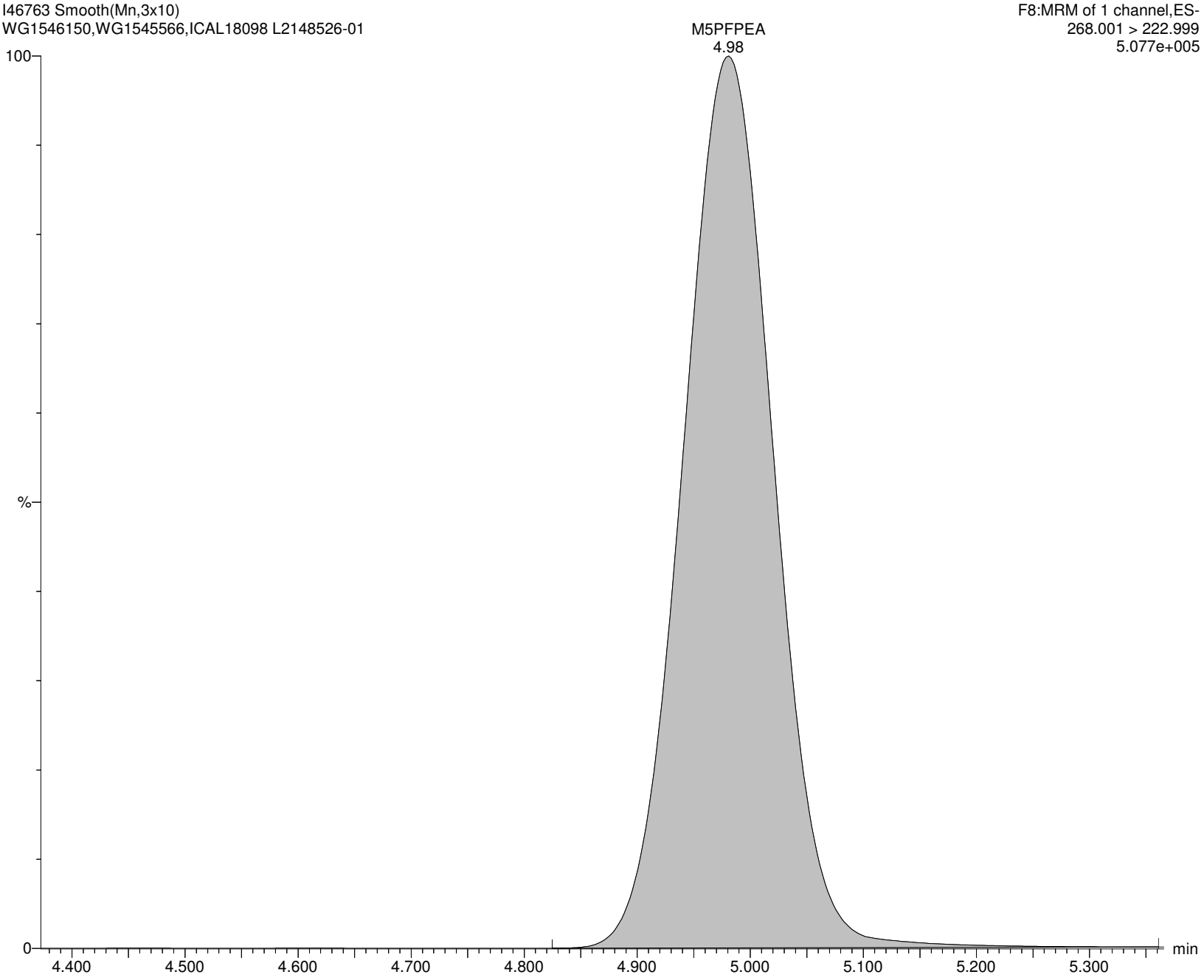


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:54 Eastern Daylight Time

Name: I46763
ID: L2148526-01
Date: 15-Sep-2021
Time: 04:52:38
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFPEA

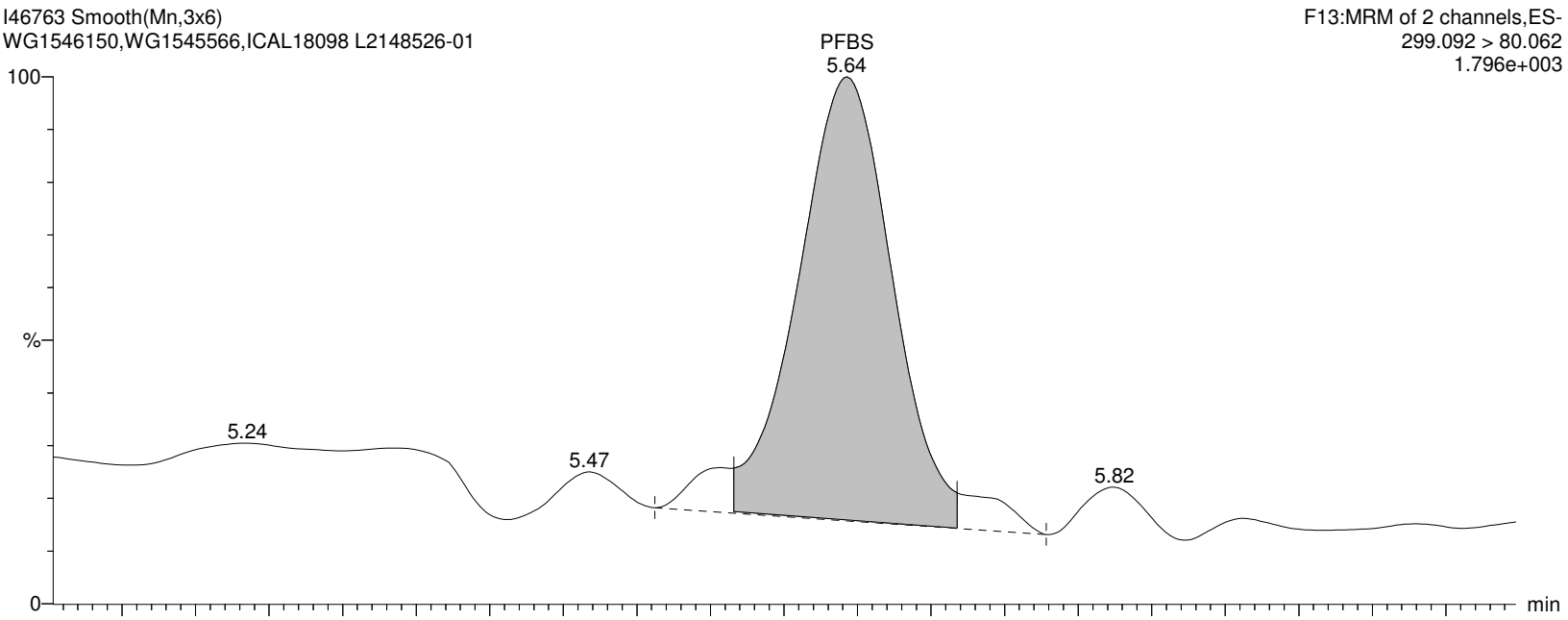


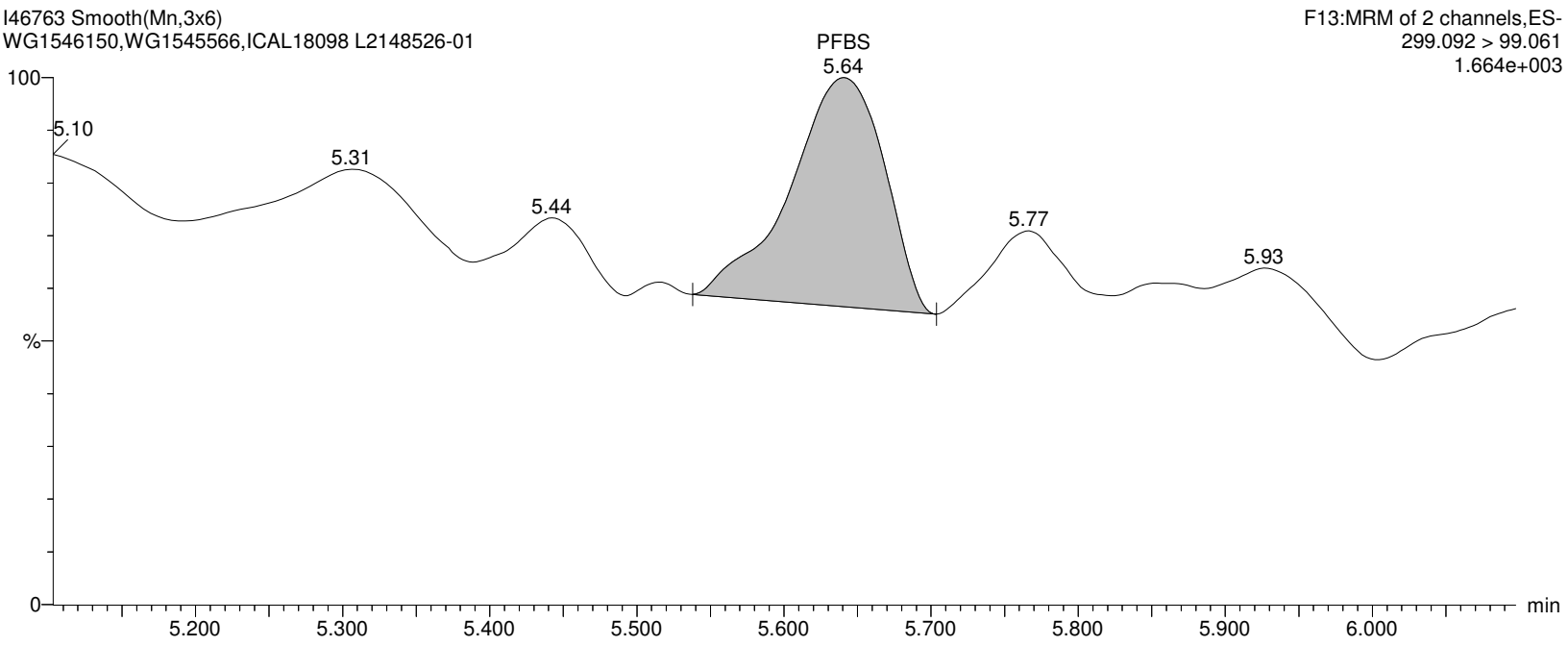
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:54 Eastern Daylight Time

Name: I46763
ID: L2148526-01
Date: 15-Sep-2021
Time: 04:52:38
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBS



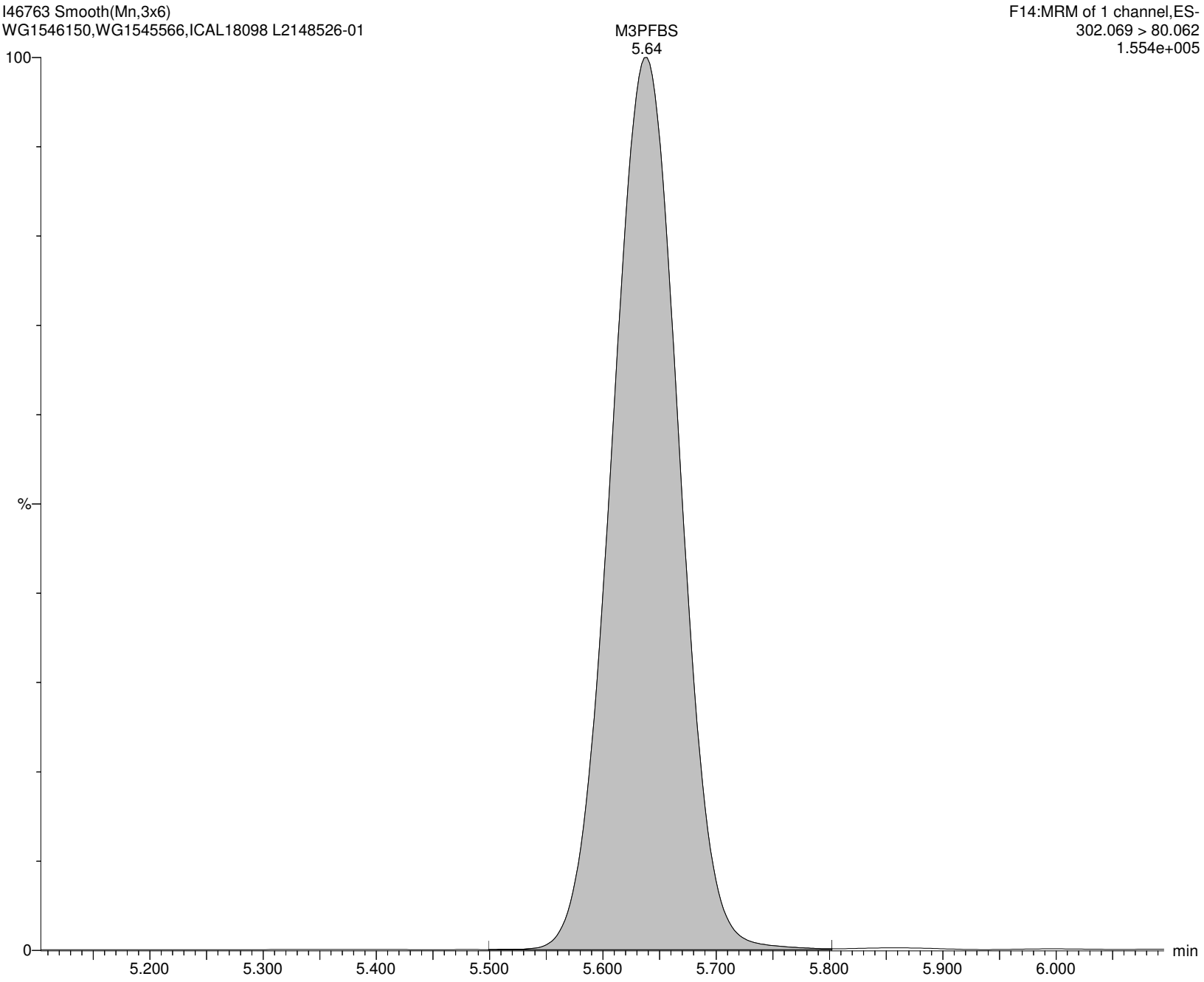


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:54 Eastern Daylight Time

Name: I46763
ID: L2148526-01
Date: 15-Sep-2021
Time: 04:52:38
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBS

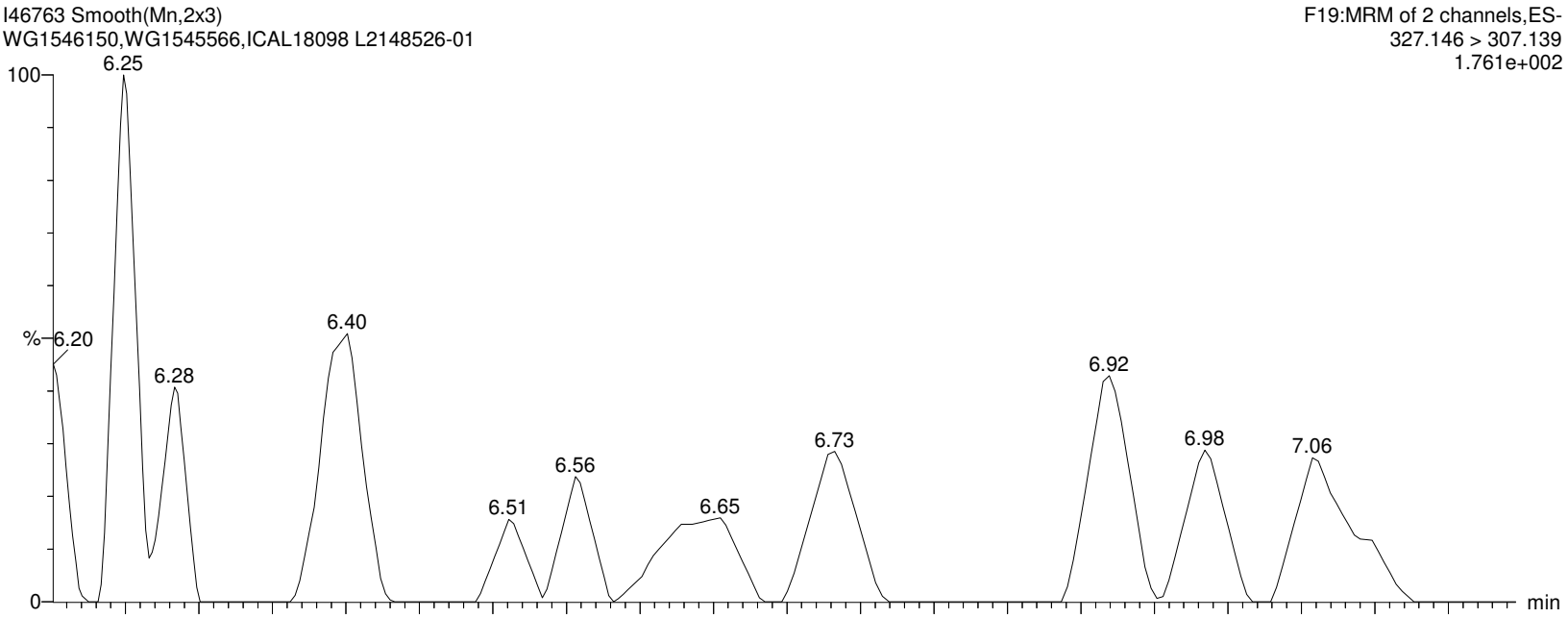


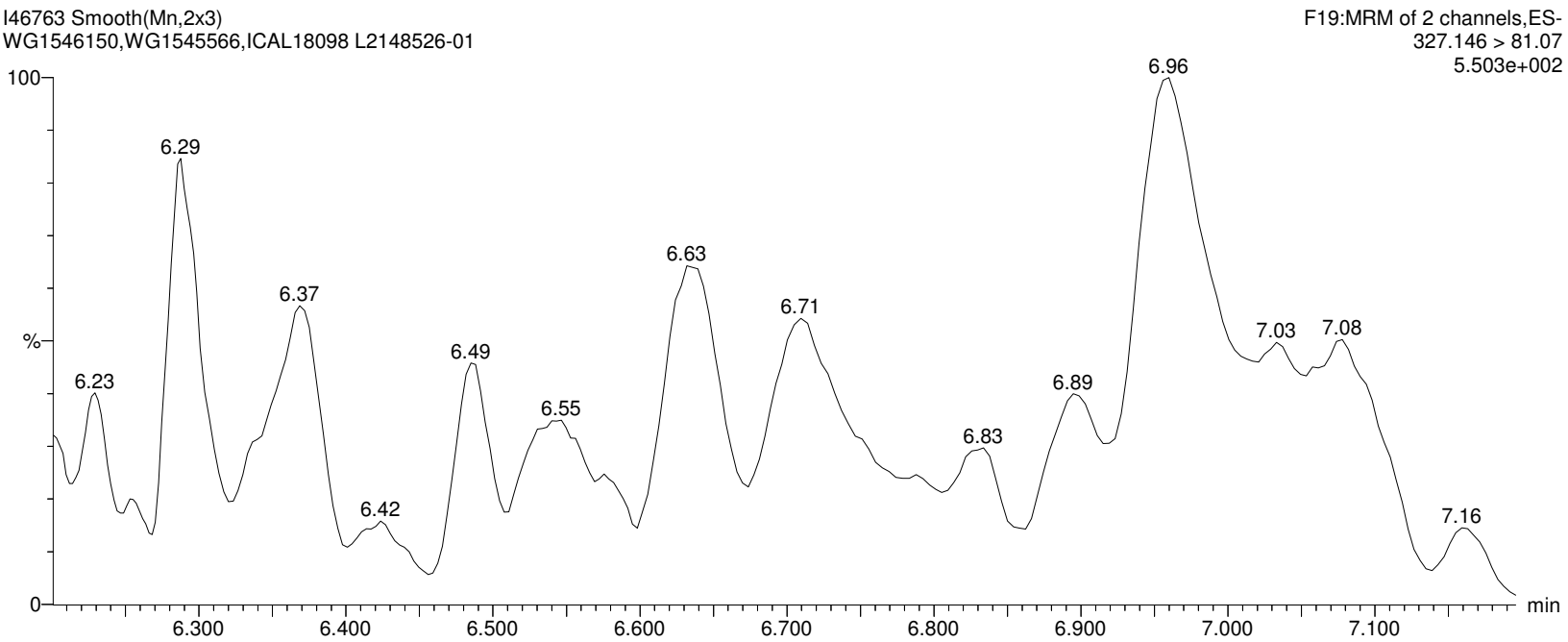
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:54 Eastern Daylight Time

Name: I46763
ID: L2148526-01
Date: 15-Sep-2021
Time: 04:52:38
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

4:2FTS



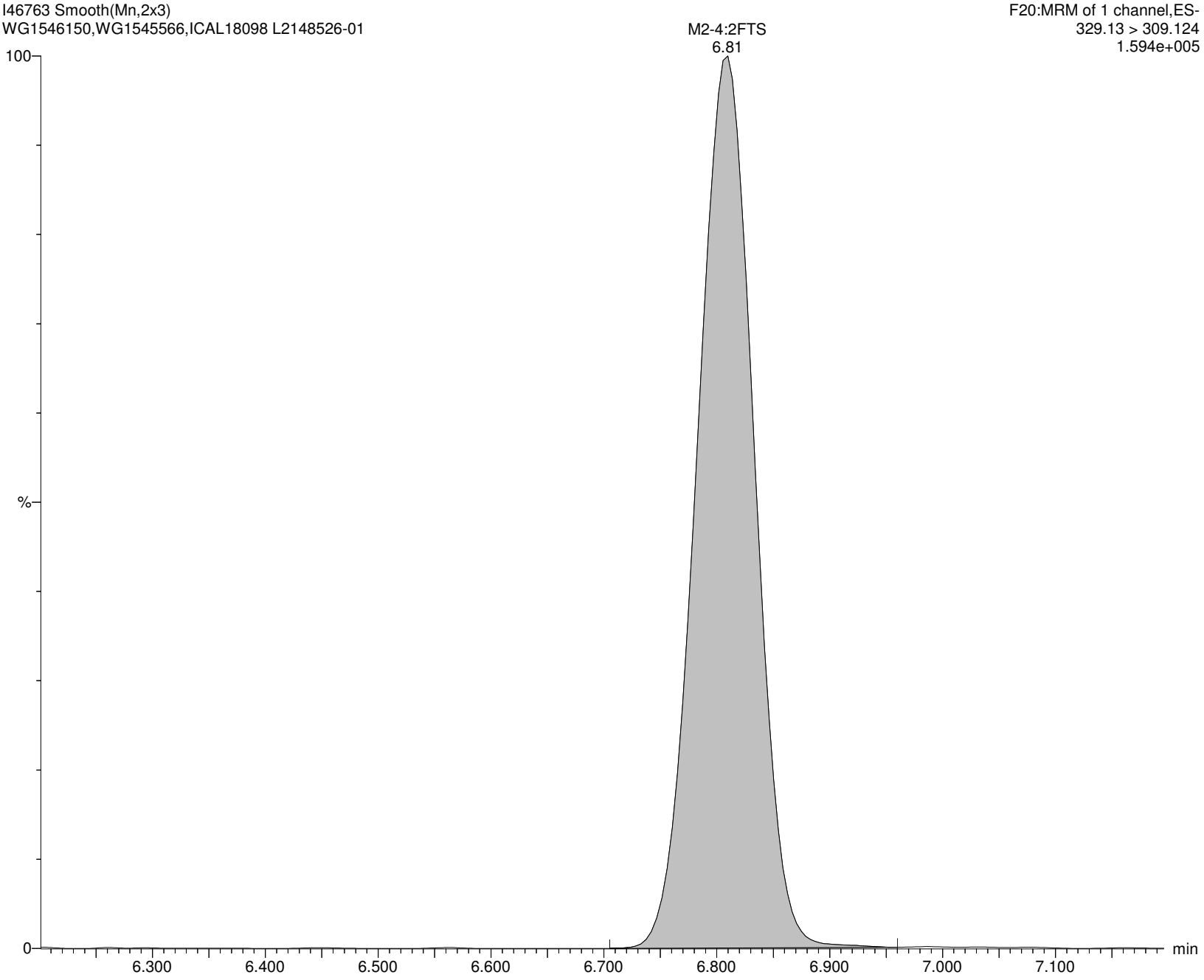


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:54 Eastern Daylight Time

Name: I46763
ID: L2148526-01
Date: 15-Sep-2021
Time: 04:52:38
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-4:2FTS

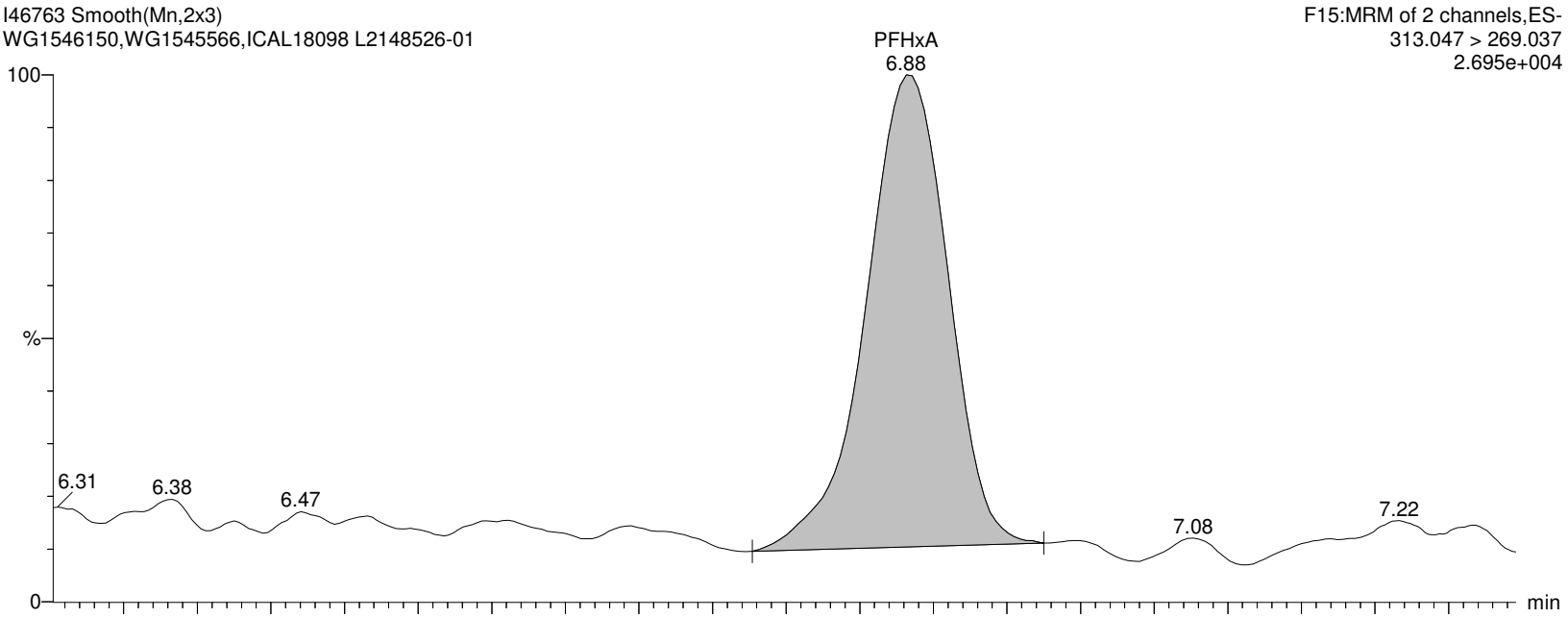


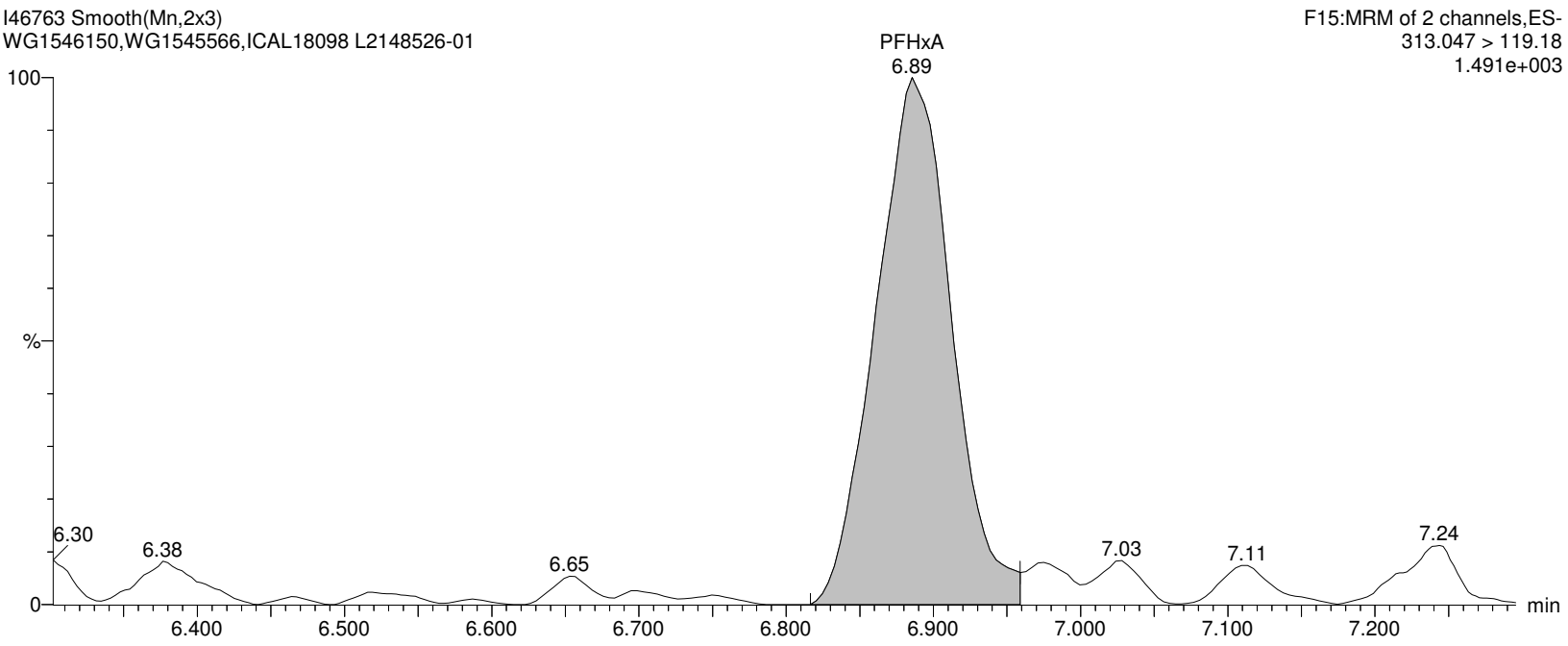
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:54 Eastern Daylight Time

Name: I46763
ID: L2148526-01
Date: 15-Sep-2021
Time: 04:52:38
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxA



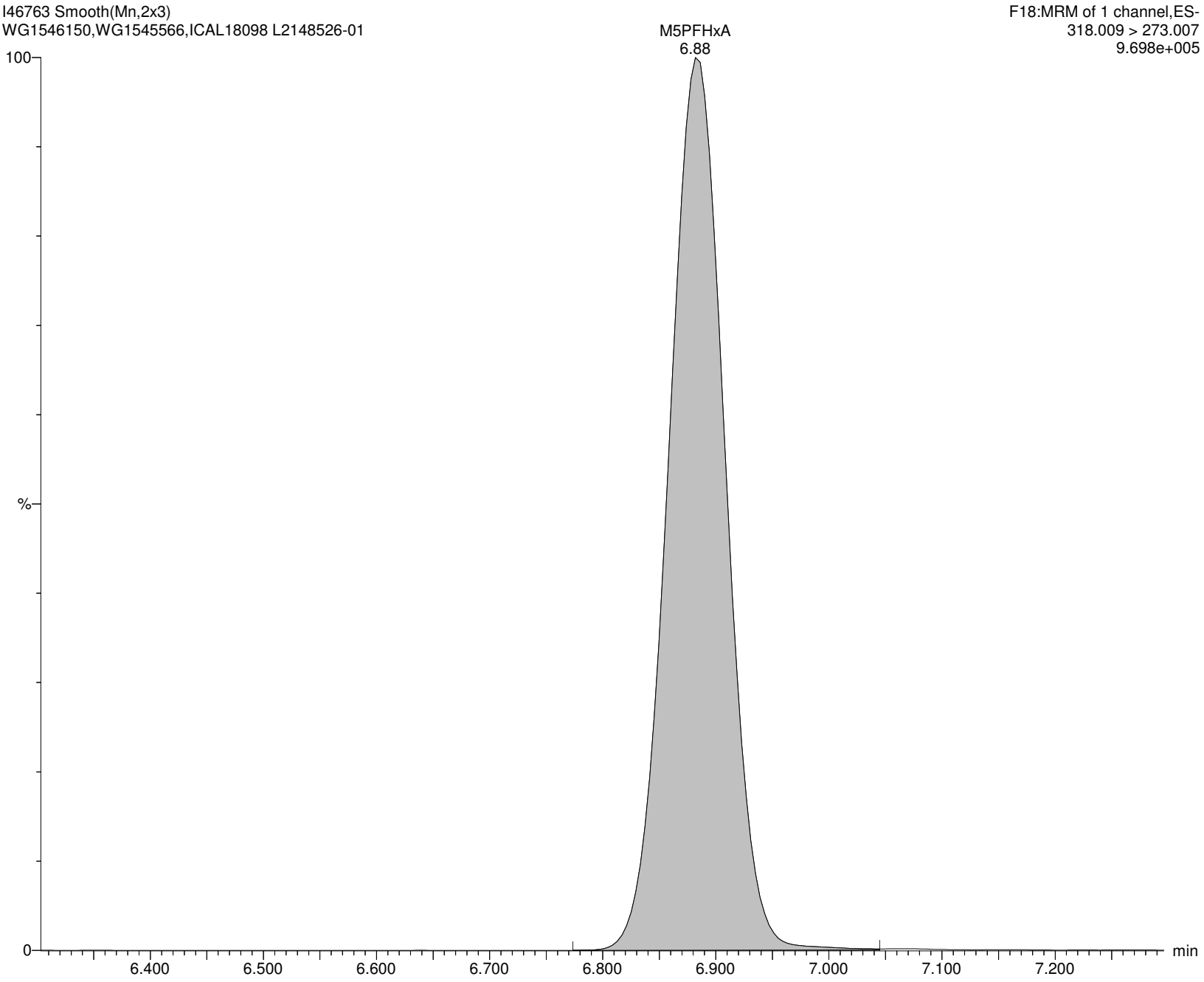


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:54 Eastern Daylight Time

Name: I46763
ID: L2148526-01
Date: 15-Sep-2021
Time: 04:52:38
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFHxA

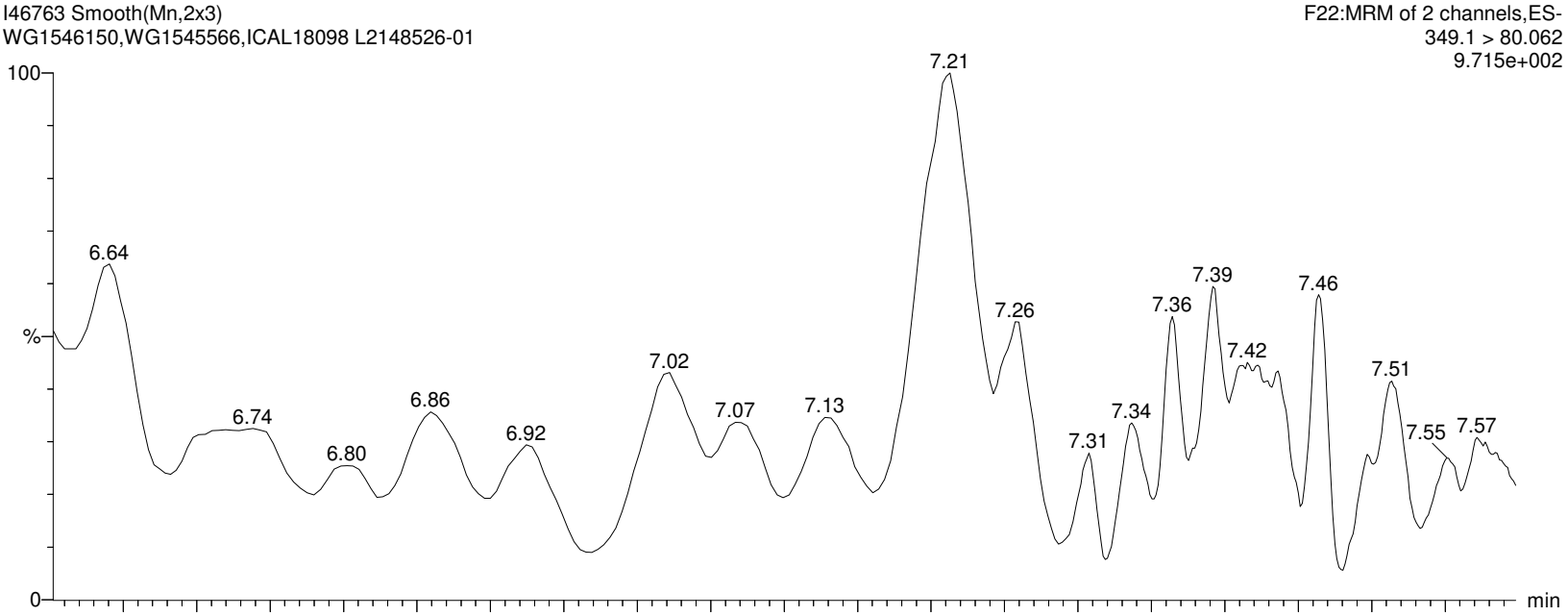


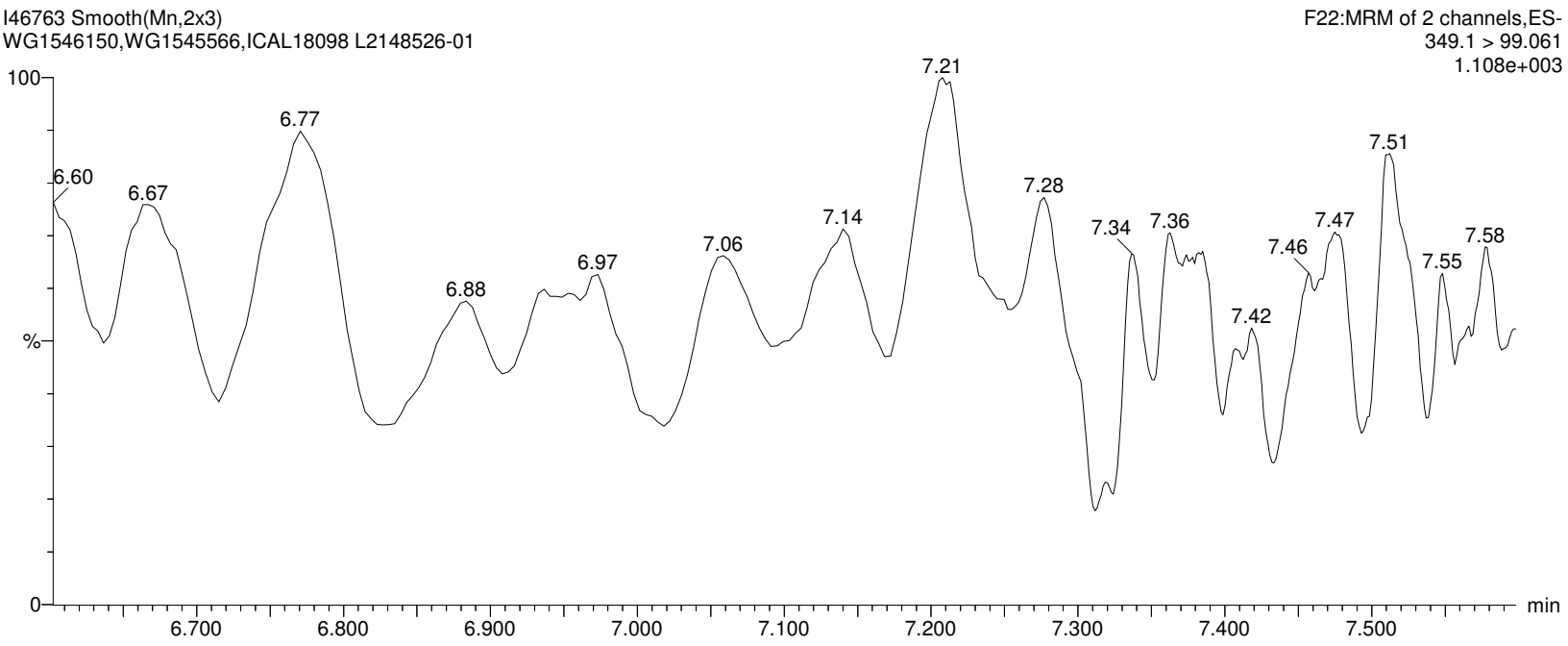
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:54 Eastern Daylight Time

Name: I46763
ID: L2148526-01
Date: 15-Sep-2021
Time: 04:52:38
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeS



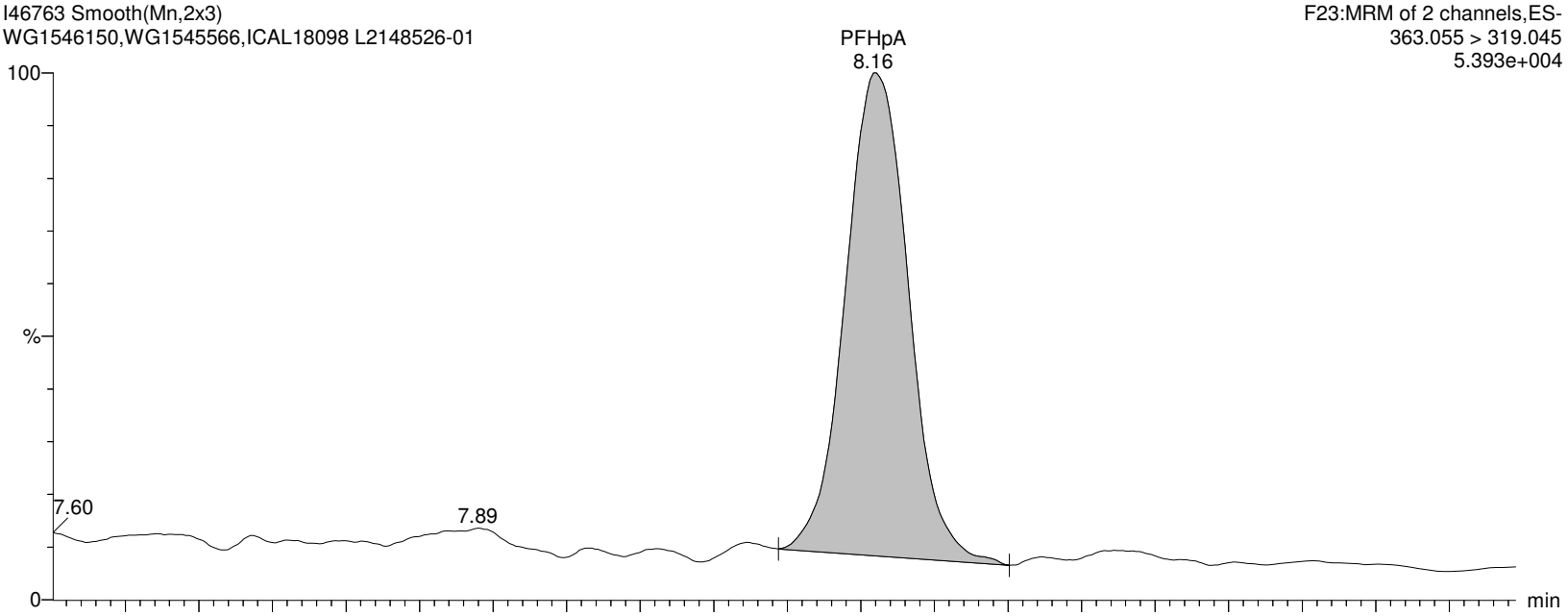


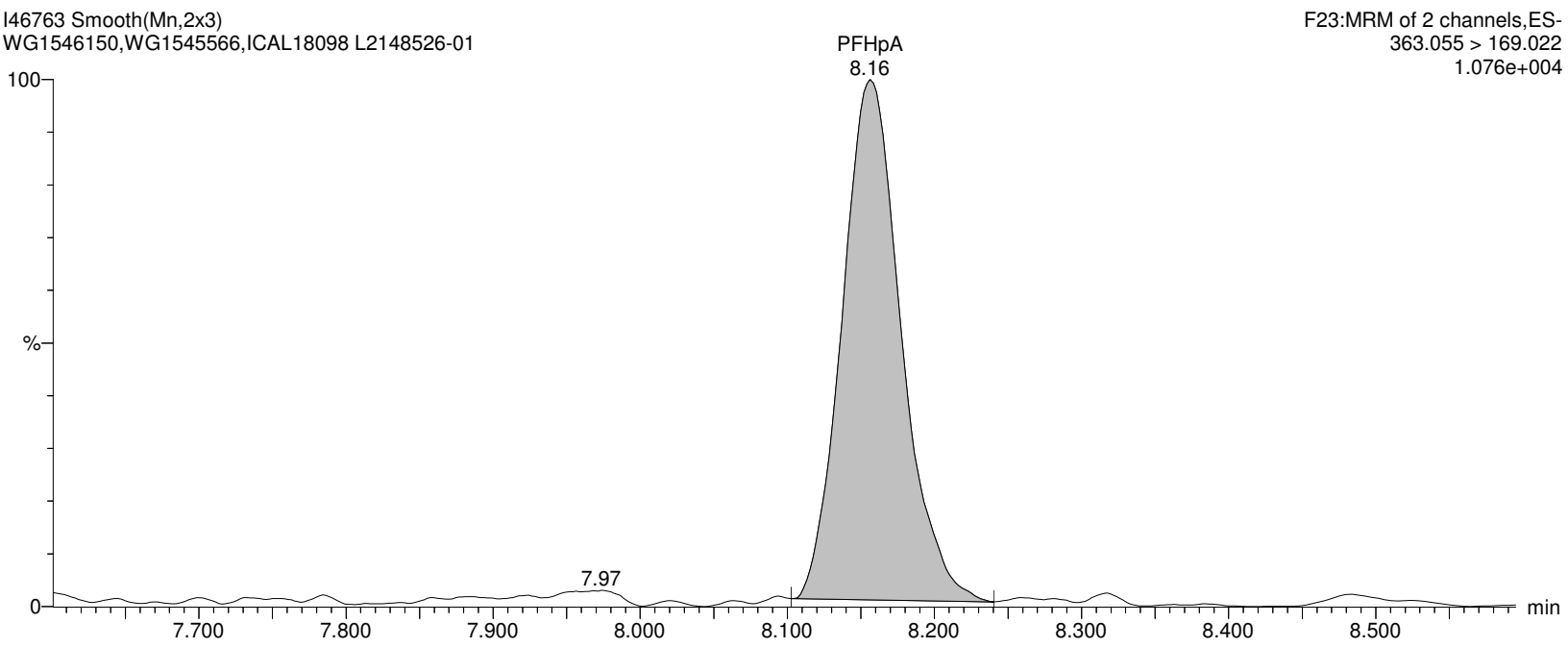
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:54 Eastern Daylight Time

Name: I46763
ID: L2148526-01
Date: 15-Sep-2021
Time: 04:52:38
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpA



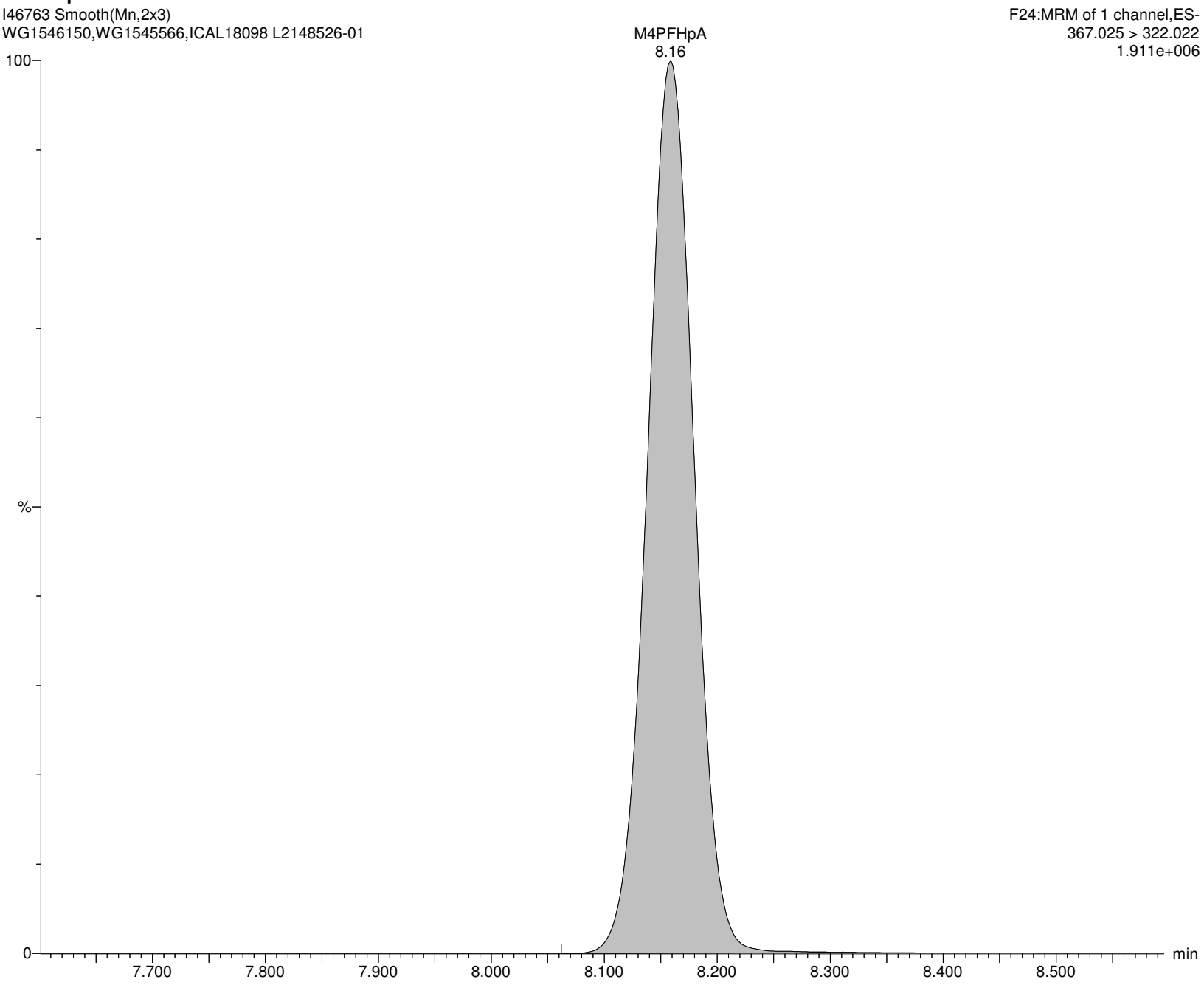


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:54 Eastern Daylight Time

Name: I46763
ID: L2148526-01
Date: 15-Sep-2021
Time: 04:52:38
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFHpA

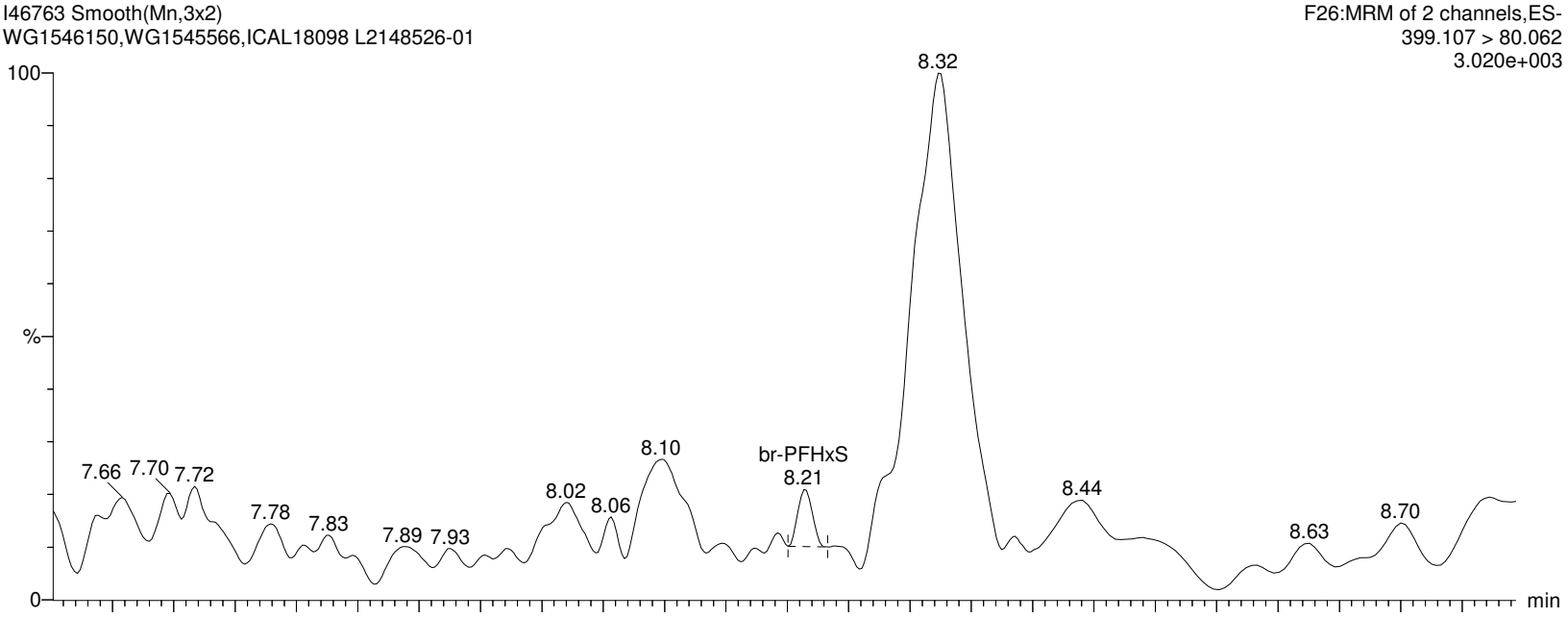


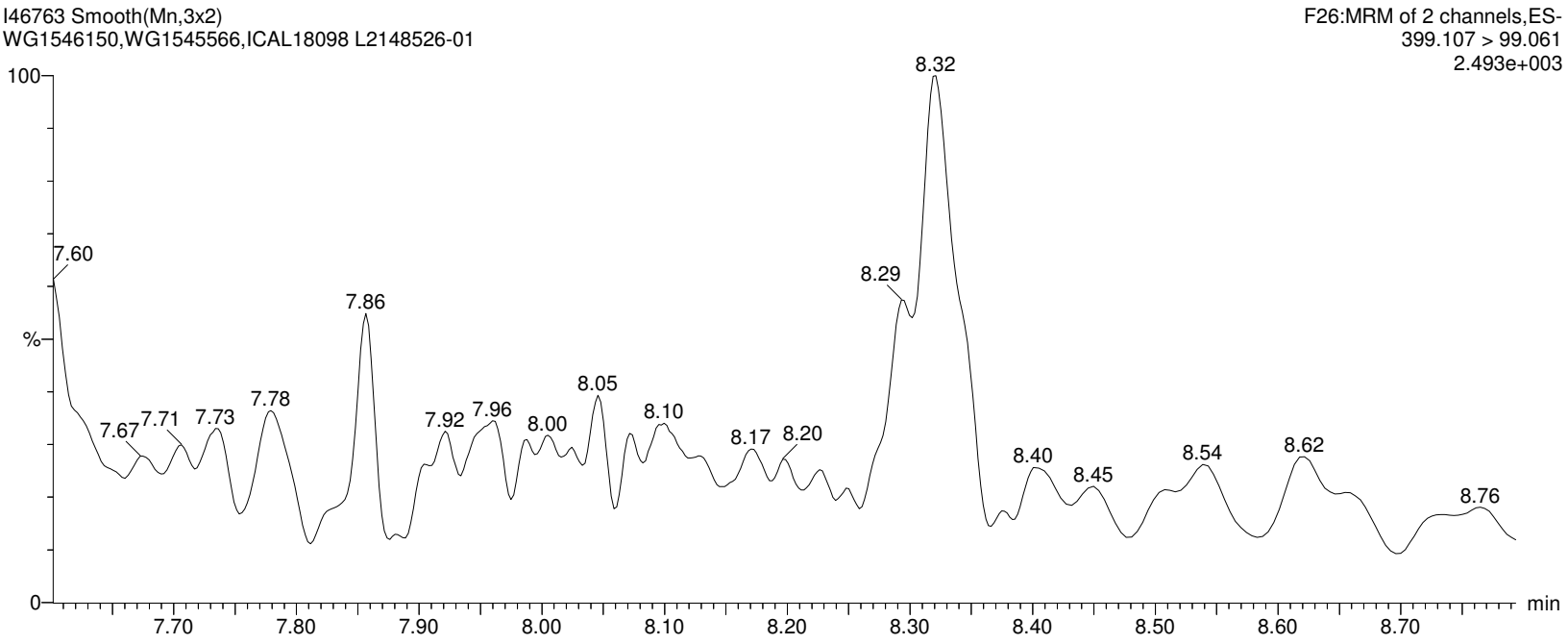
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:54 Eastern Daylight Time

Name: I46763
ID: L2148526-01
Date: 15-Sep-2021
Time: 04:52:38
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFHxS



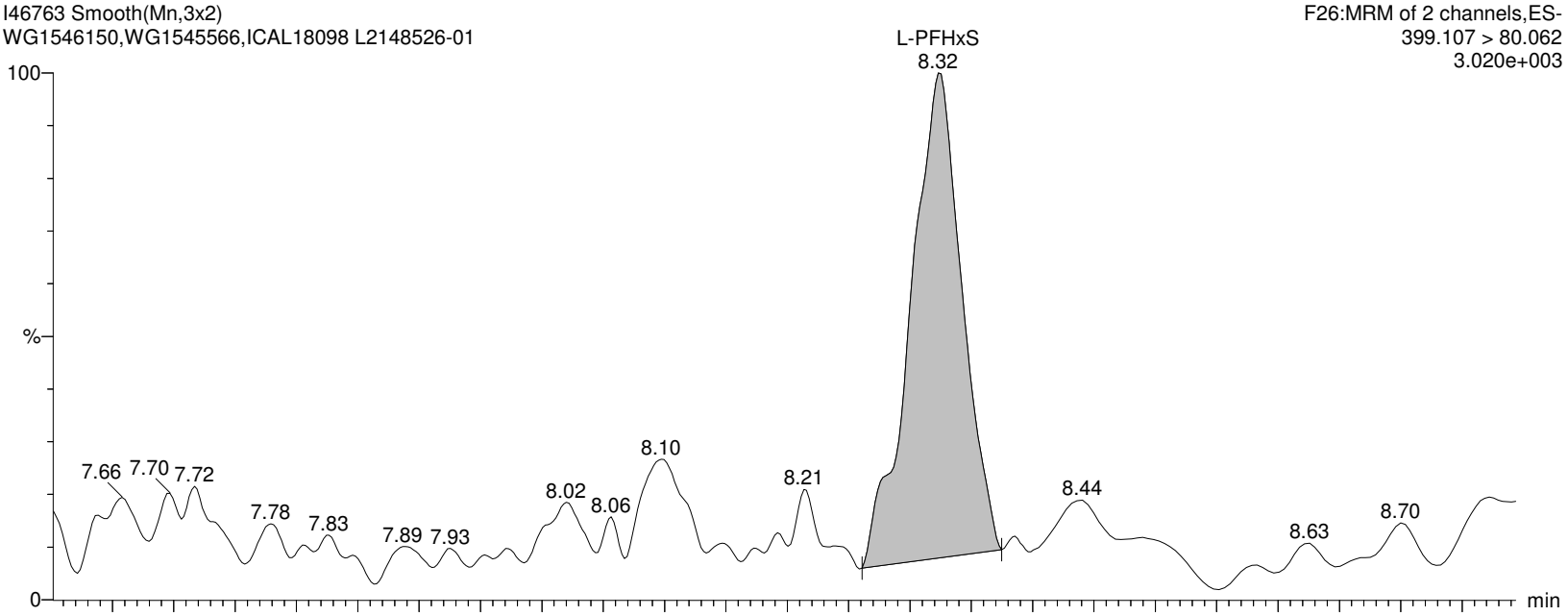


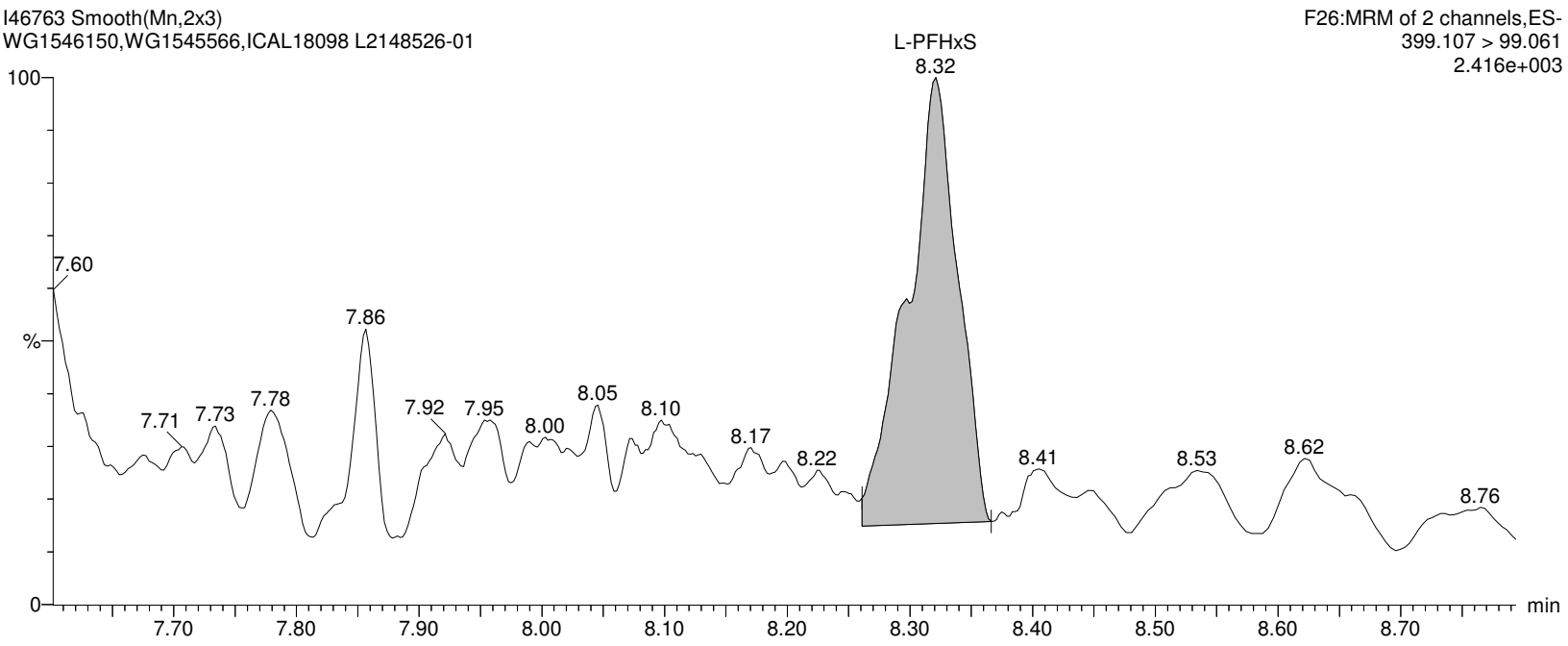
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:54 Eastern Daylight Time

Name: I46763
ID: L2148526-01
Date: 15-Sep-2021
Time: 04:52:38
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFHxS



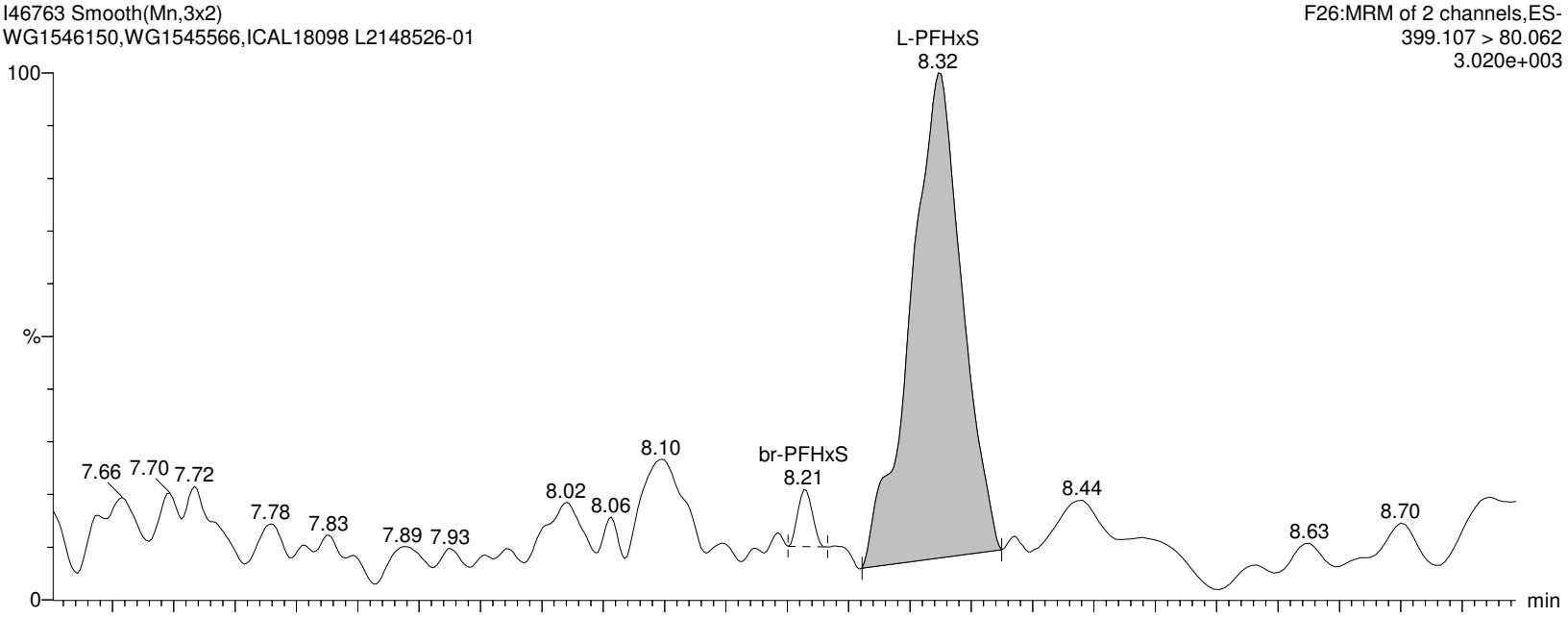


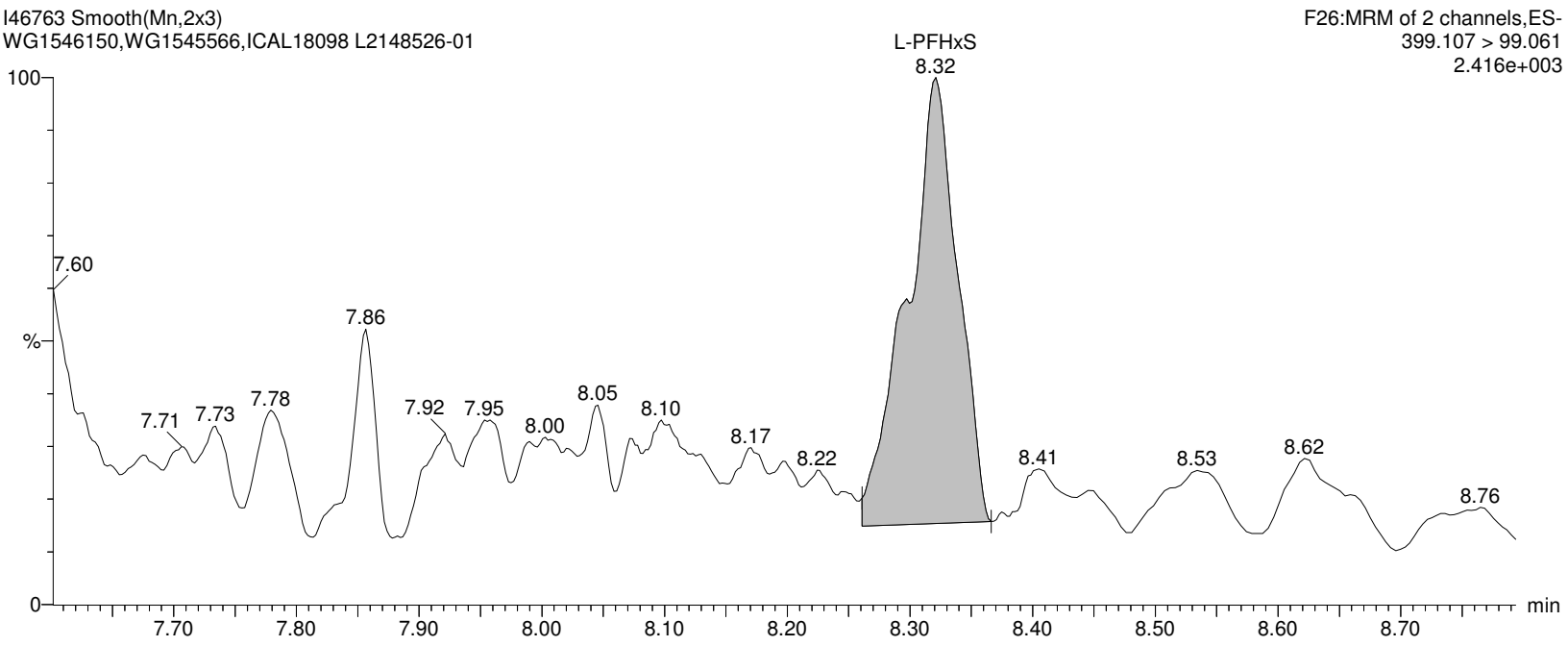
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:54 Eastern Daylight Time

Name: I46763
ID: L2148526-01
Date: 15-Sep-2021
Time: 04:52:38
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxS



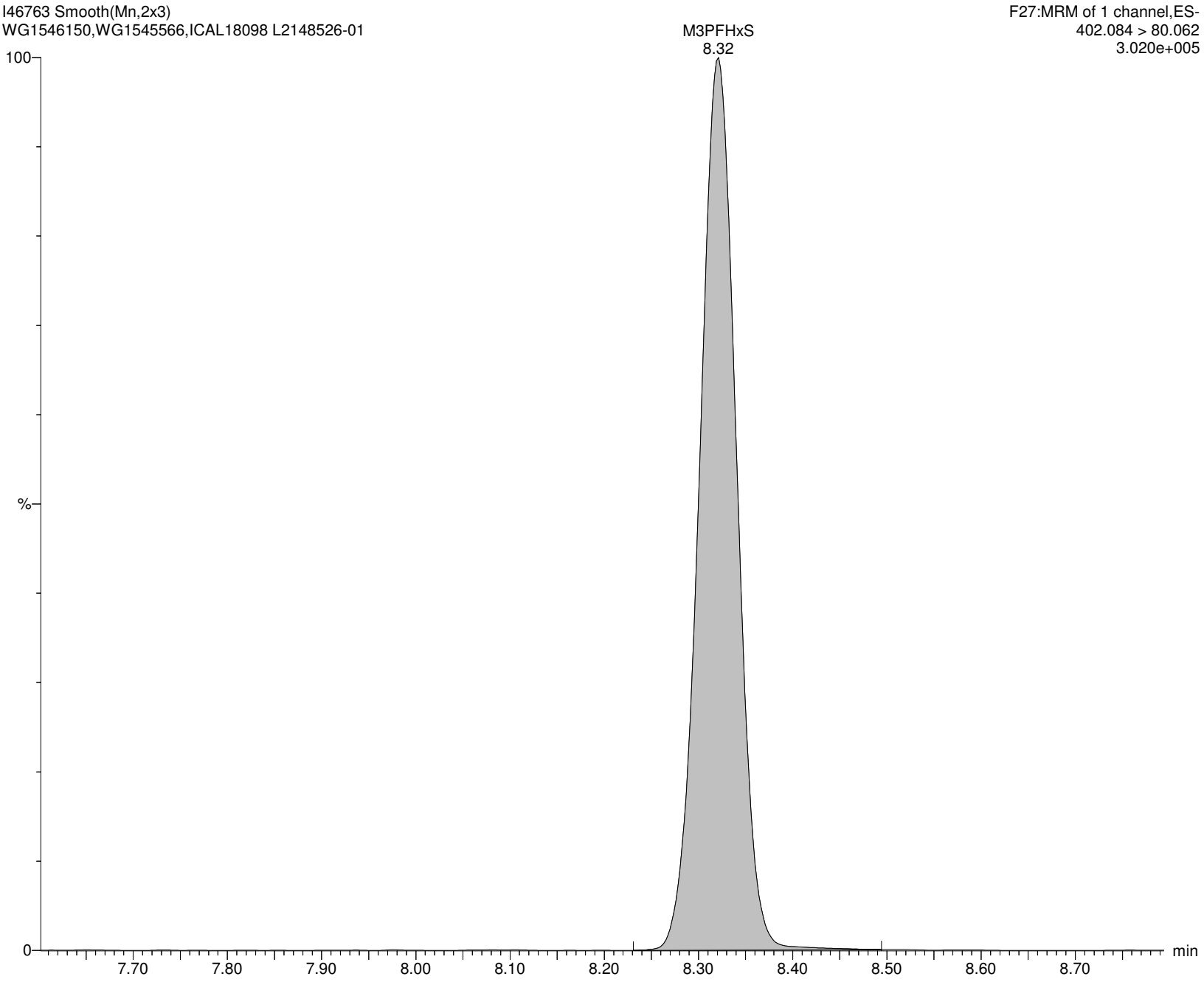


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:54 Eastern Daylight Time

Name: I46763
ID: L2148526-01
Date: 15-Sep-2021
Time: 04:52:38
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFHxS

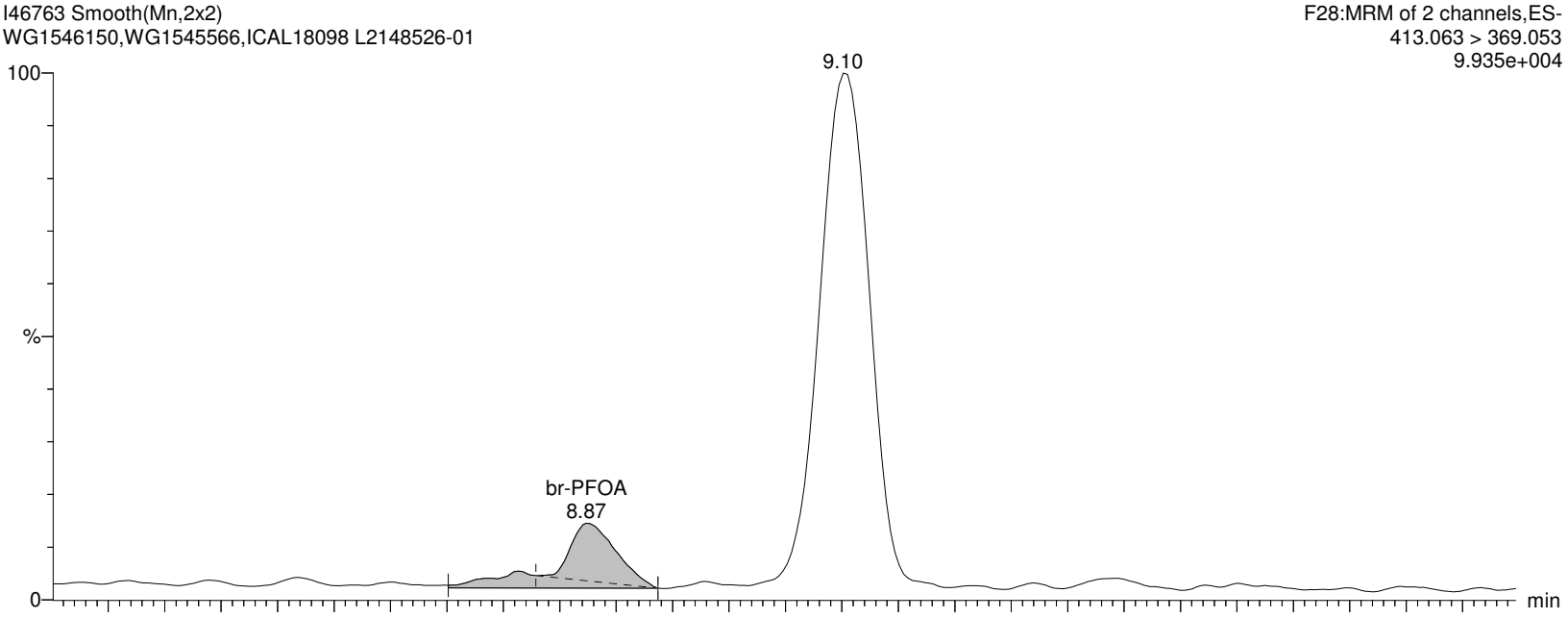


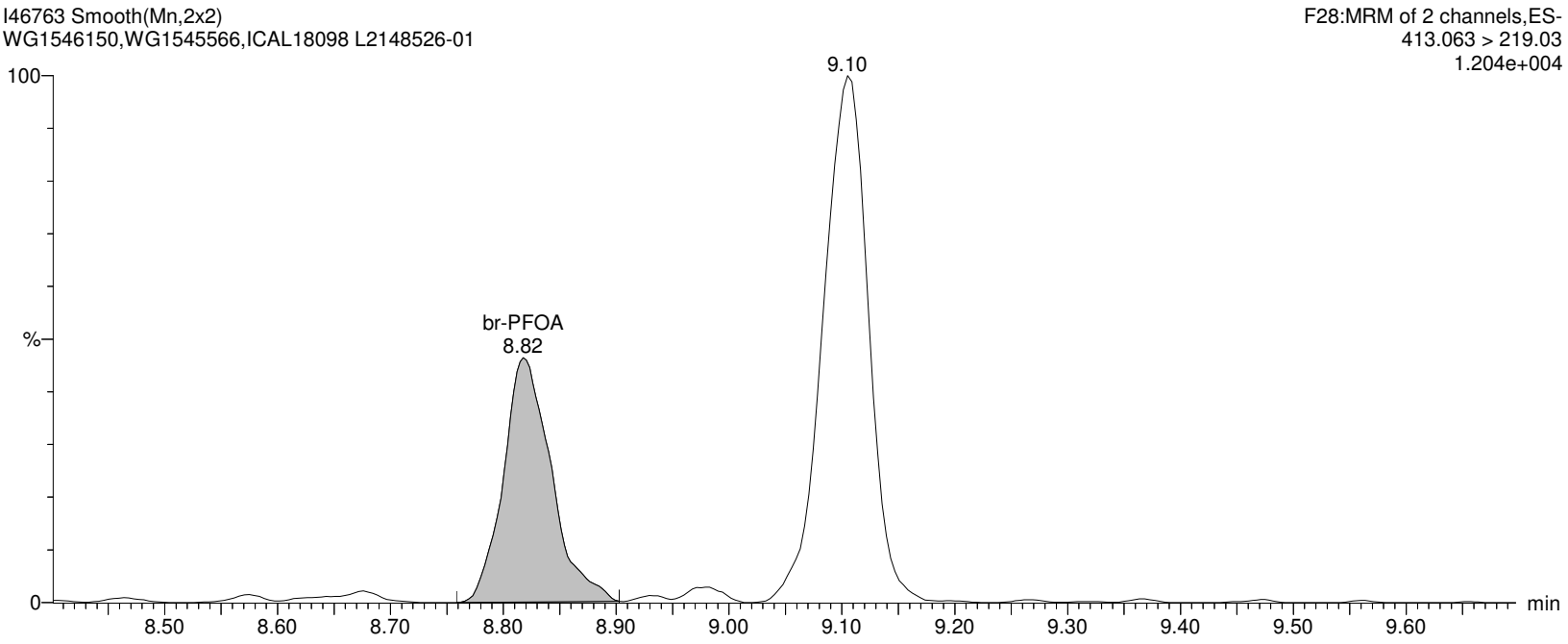
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:54 Eastern Daylight Time

Name: I46763
ID: L2148526-01
Date: 15-Sep-2021
Time: 04:52:38
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOA



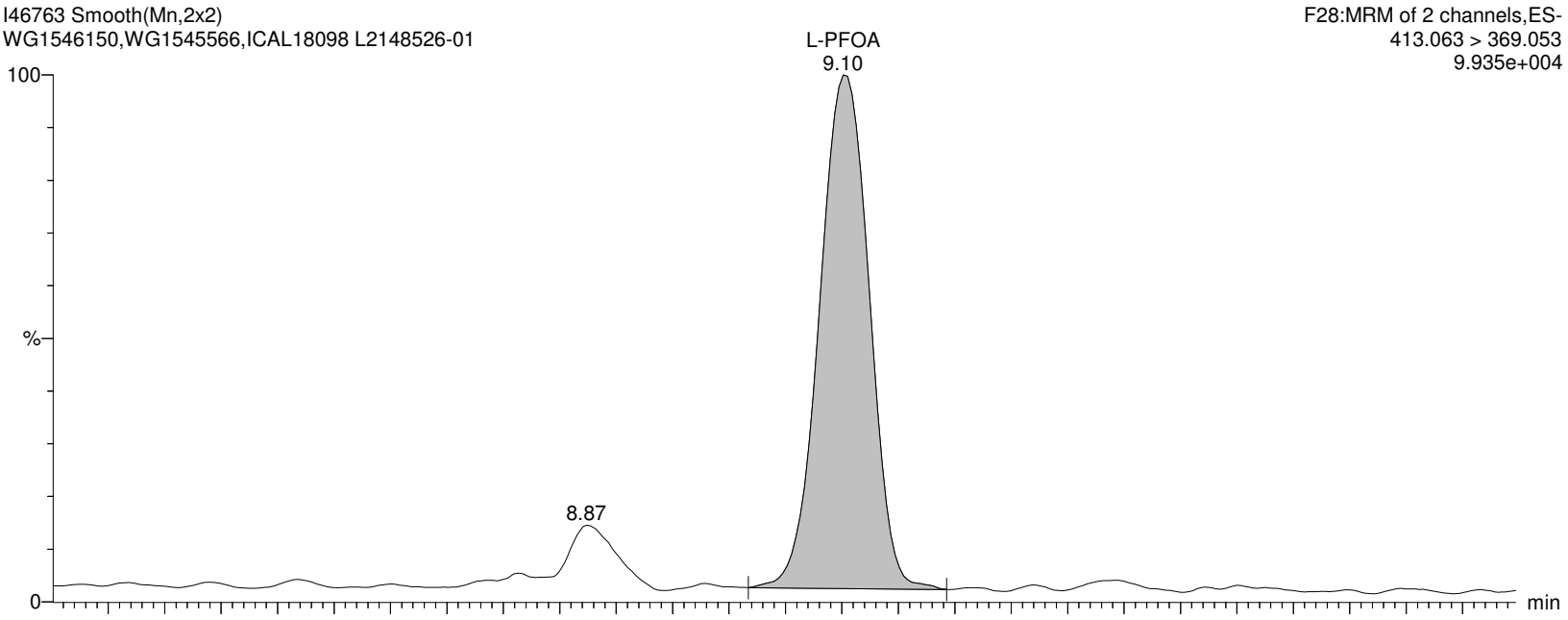


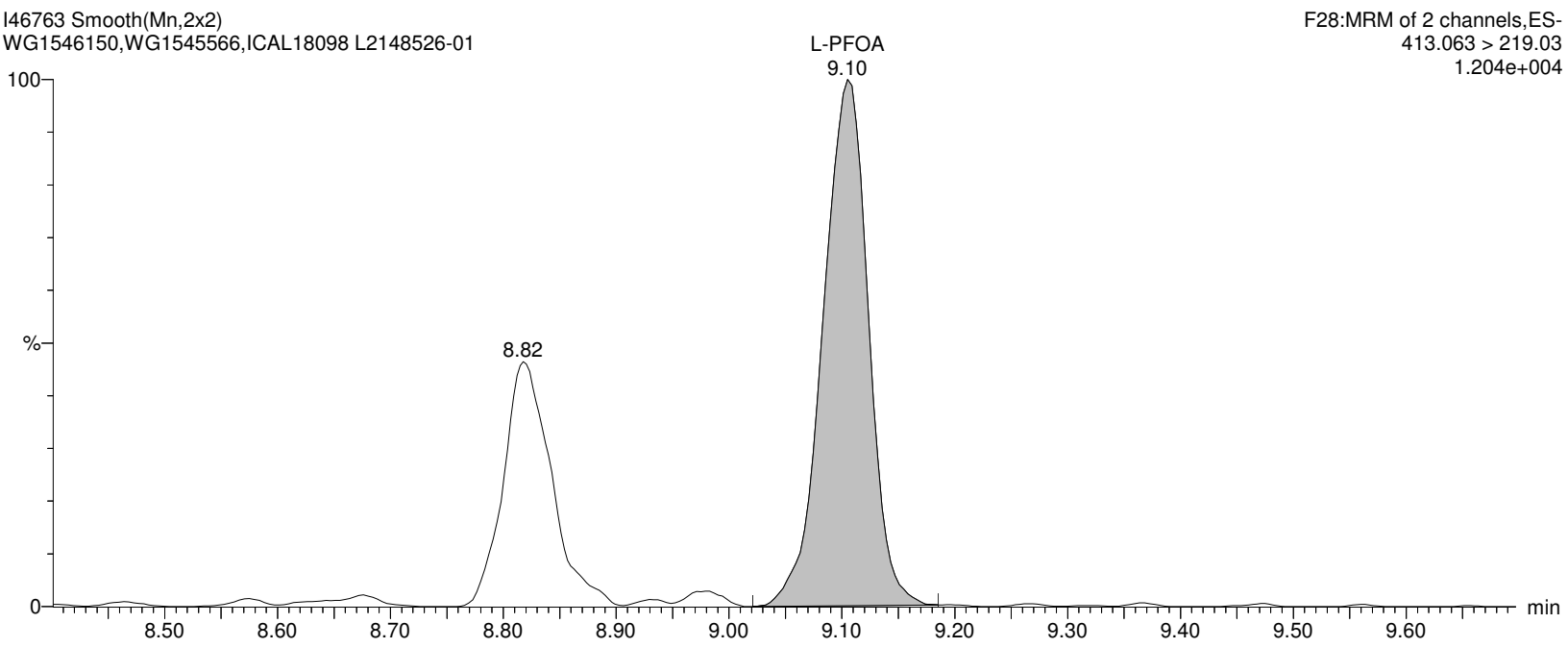
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:54 Eastern Daylight Time

Name: I46763
ID: L2148526-01
Date: 15-Sep-2021
Time: 04:52:38
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOA



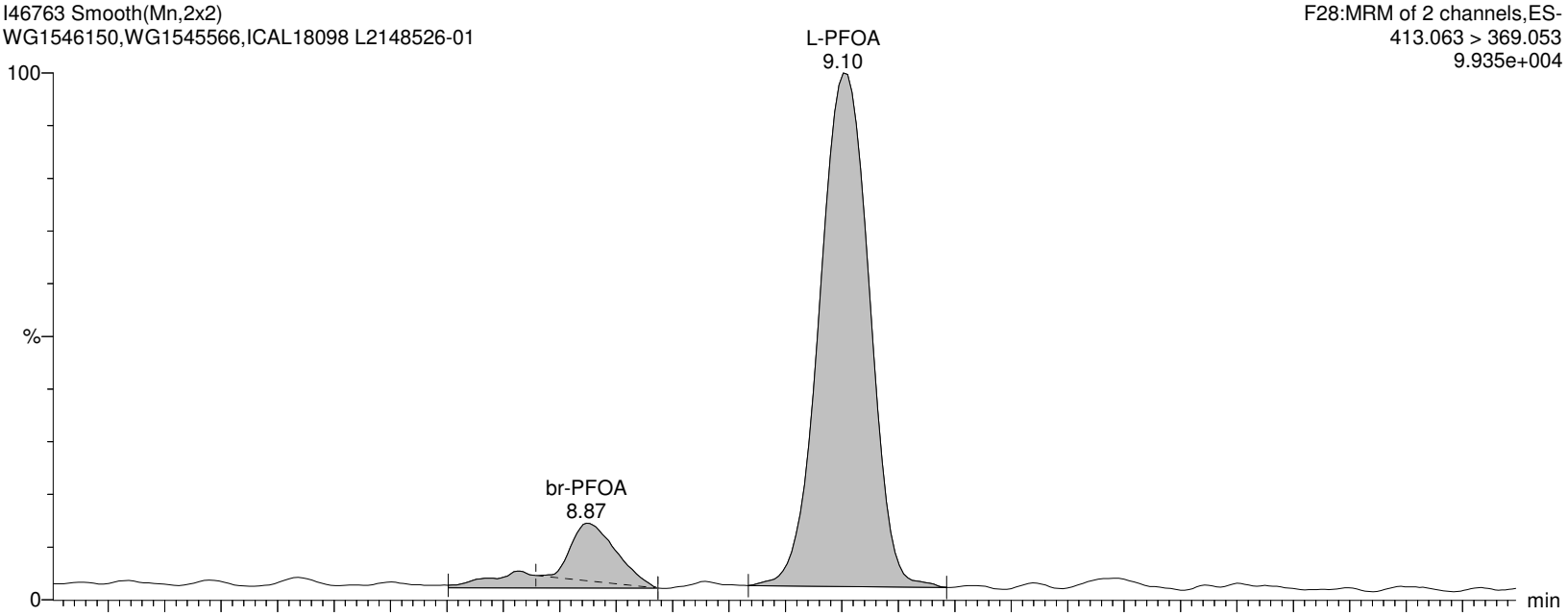


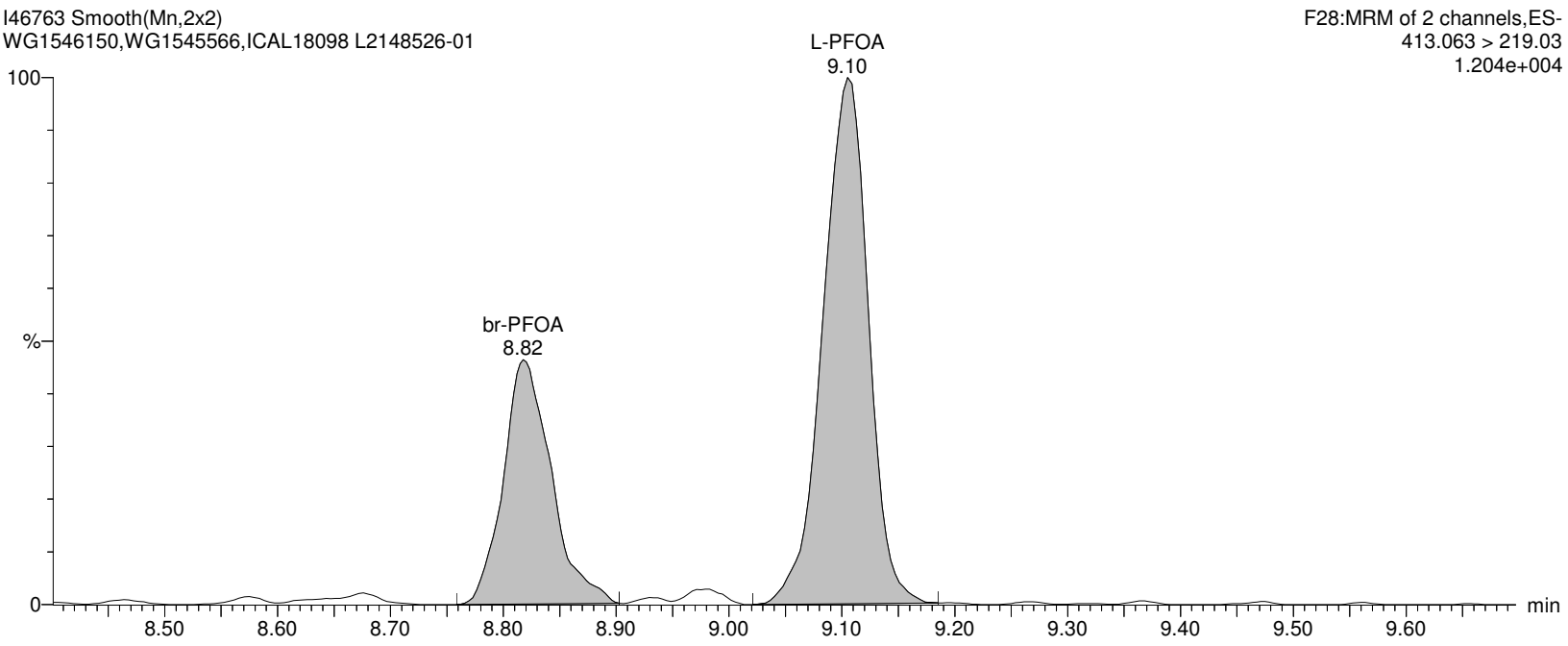
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:54 Eastern Daylight Time

Name: I46763
ID: L2148526-01
Date: 15-Sep-2021
Time: 04:52:38
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOA



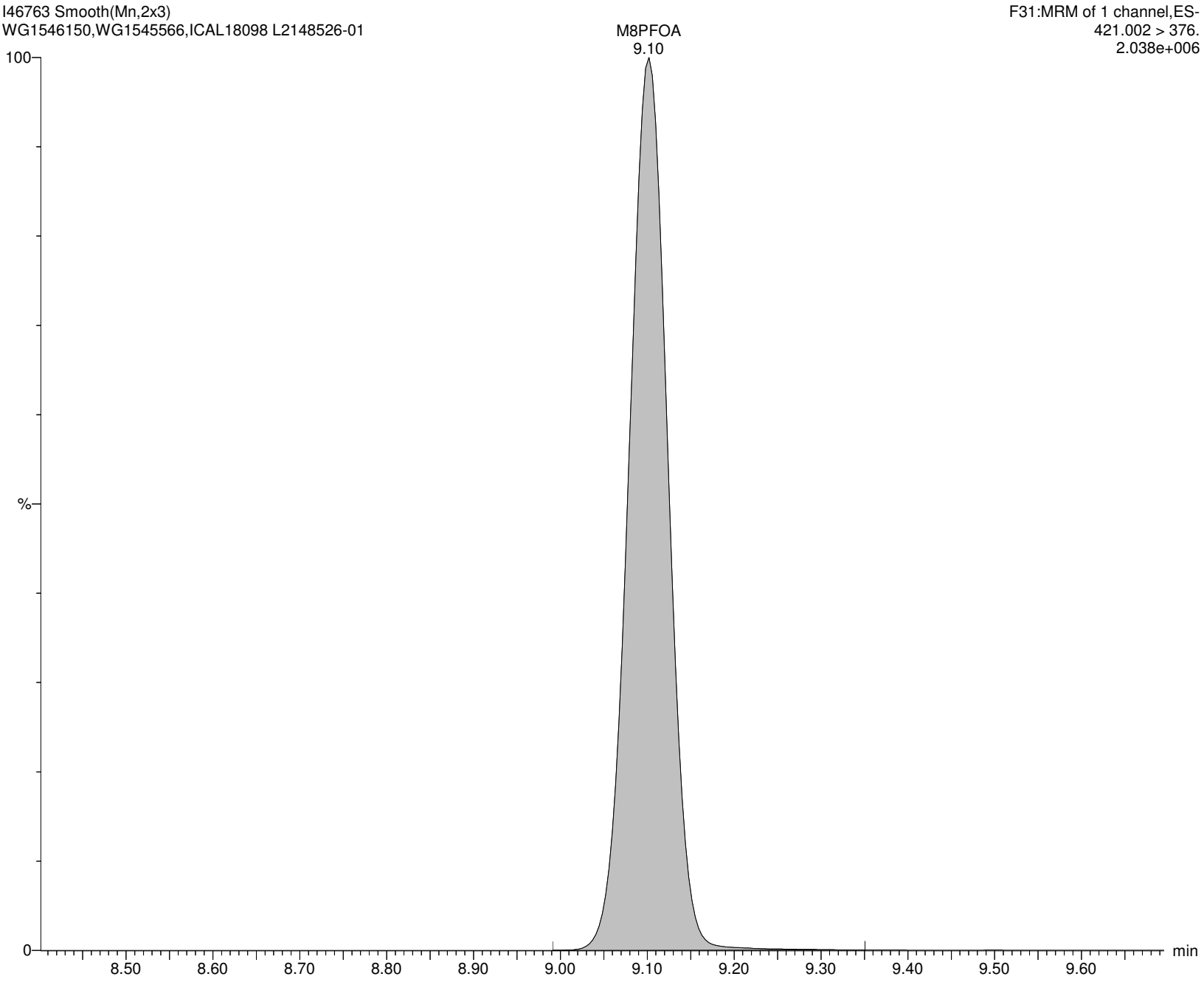


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:54 Eastern Daylight Time

Name: I46763
ID: L2148526-01
Date: 15-Sep-2021
Time: 04:52:38
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOA

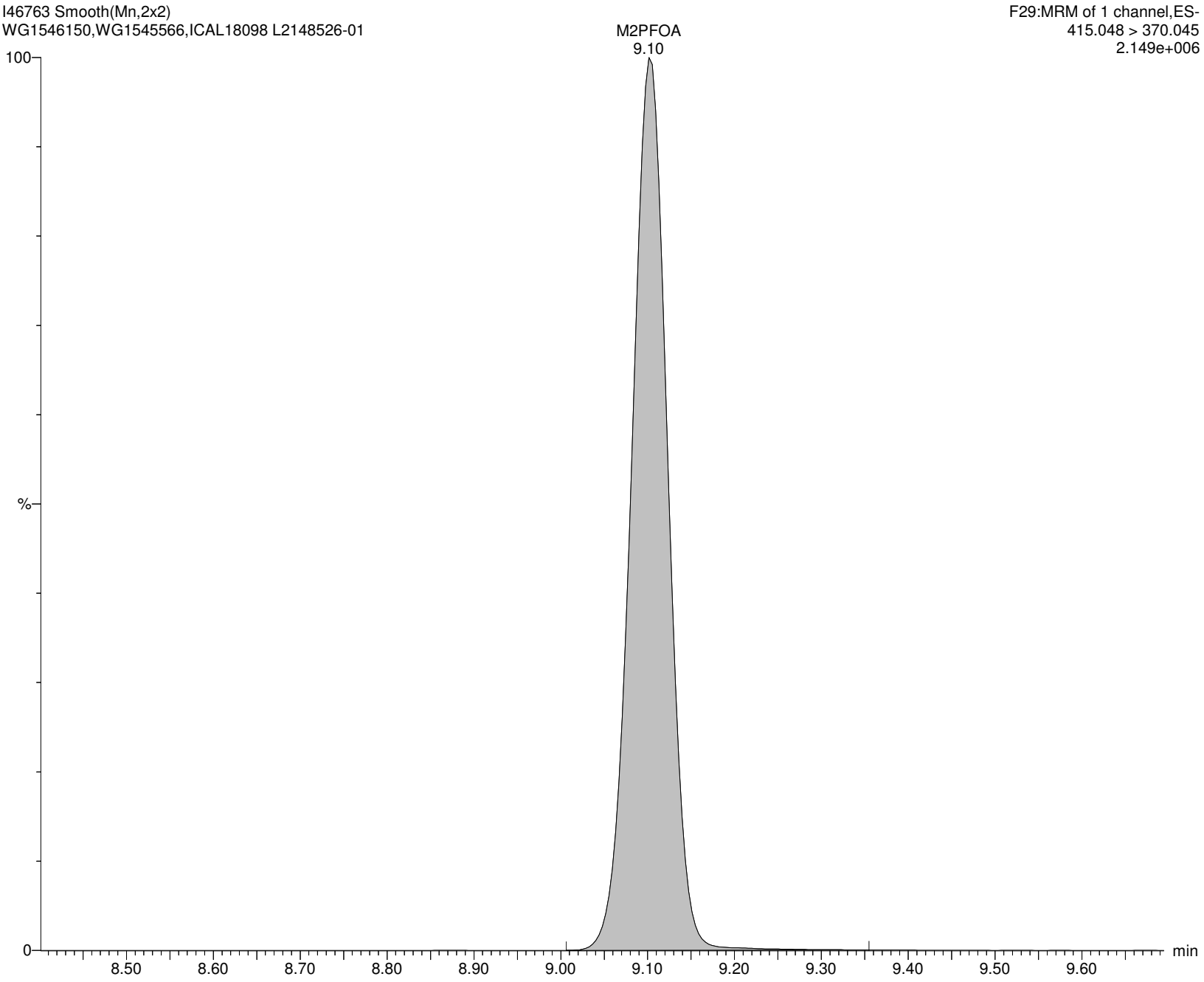


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:54 Eastern Daylight Time

Name: I46763
ID: L2148526-01
Date: 15-Sep-2021
Time: 04:52:38
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFOA

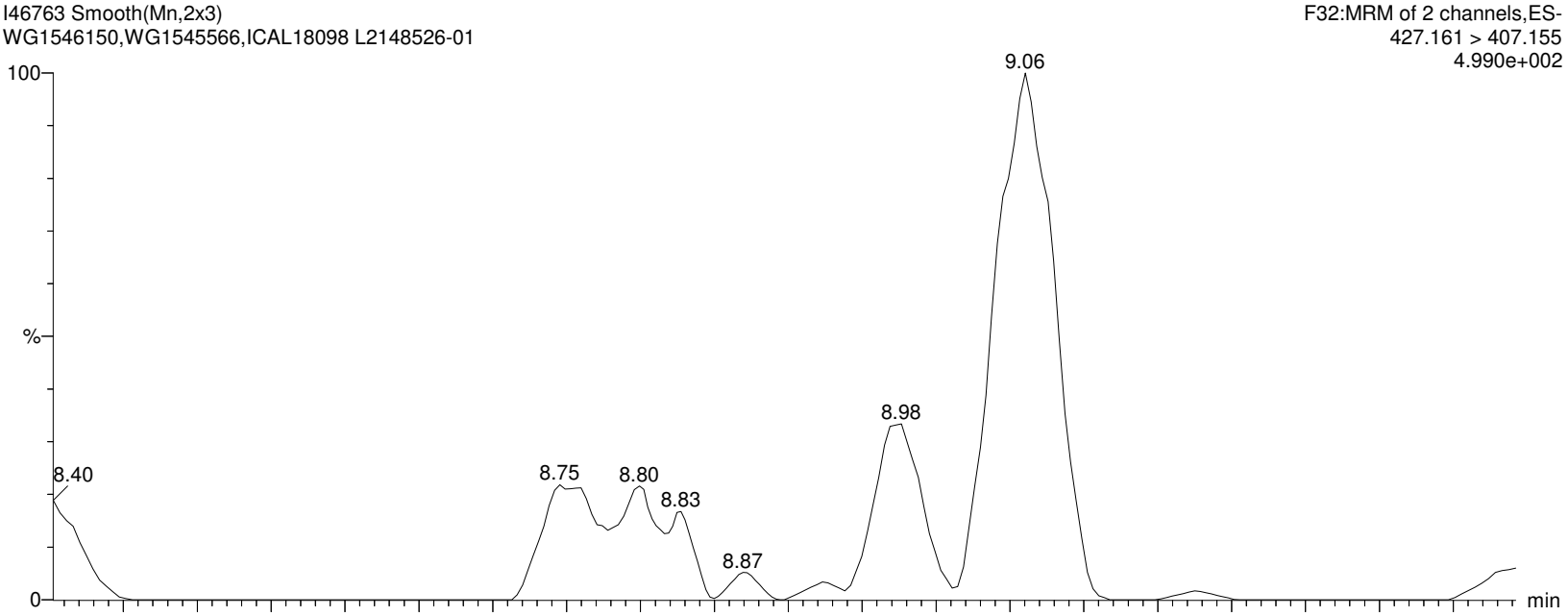


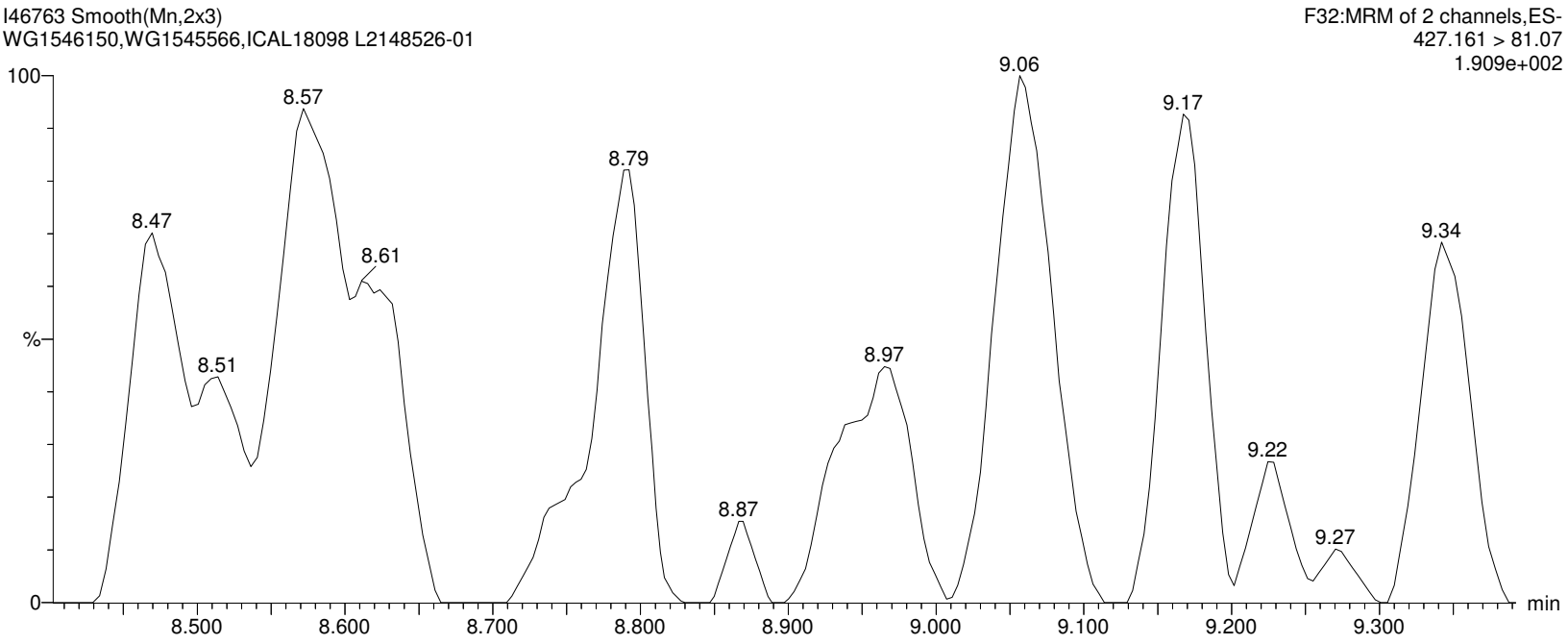
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:54 Eastern Daylight Time

Name: I46763
ID: L2148526-01
Date: 15-Sep-2021
Time: 04:52:38
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

6:2FTS



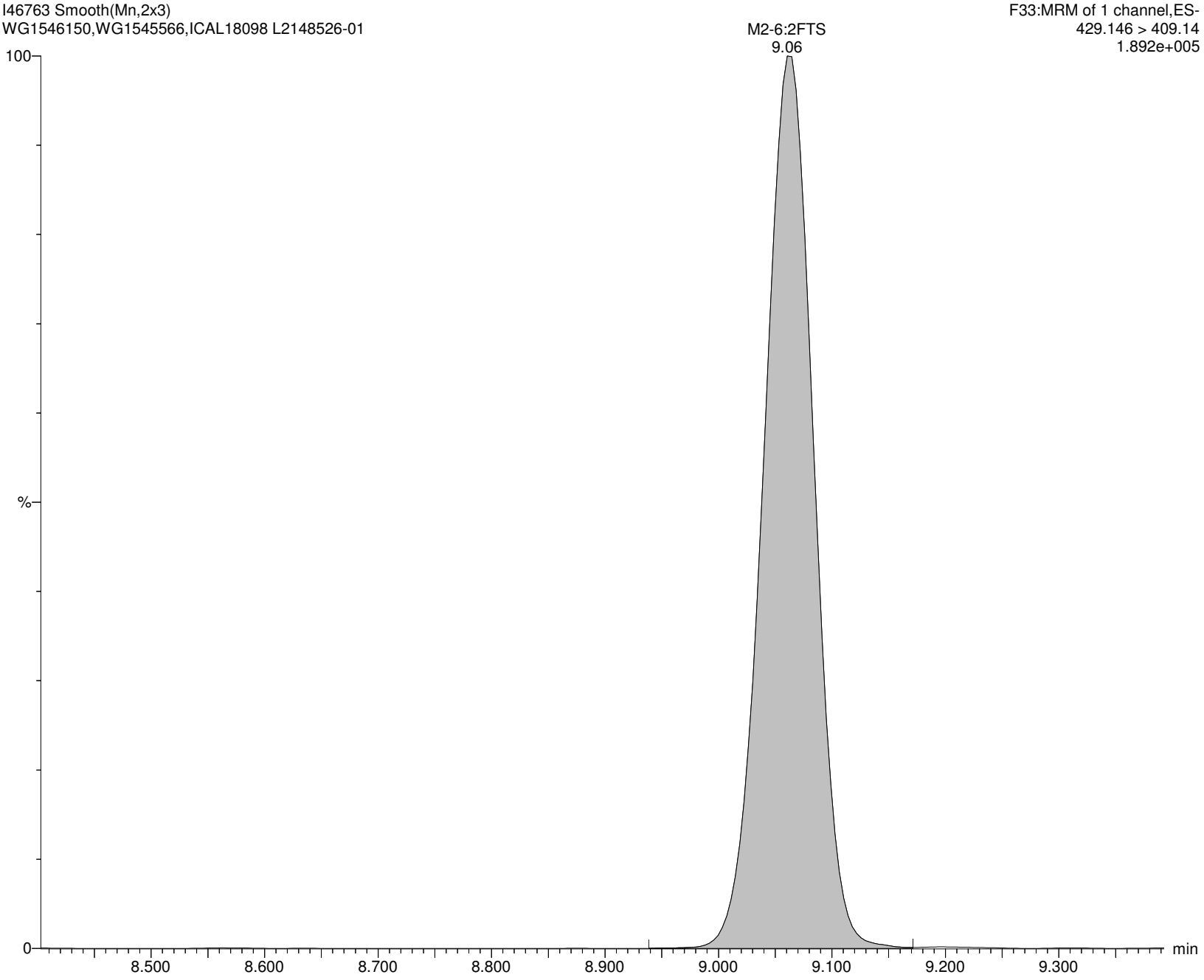


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:54 Eastern Daylight Time

Name: I46763
ID: L2148526-01
Date: 15-Sep-2021
Time: 04:52:38
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-6:2FTS

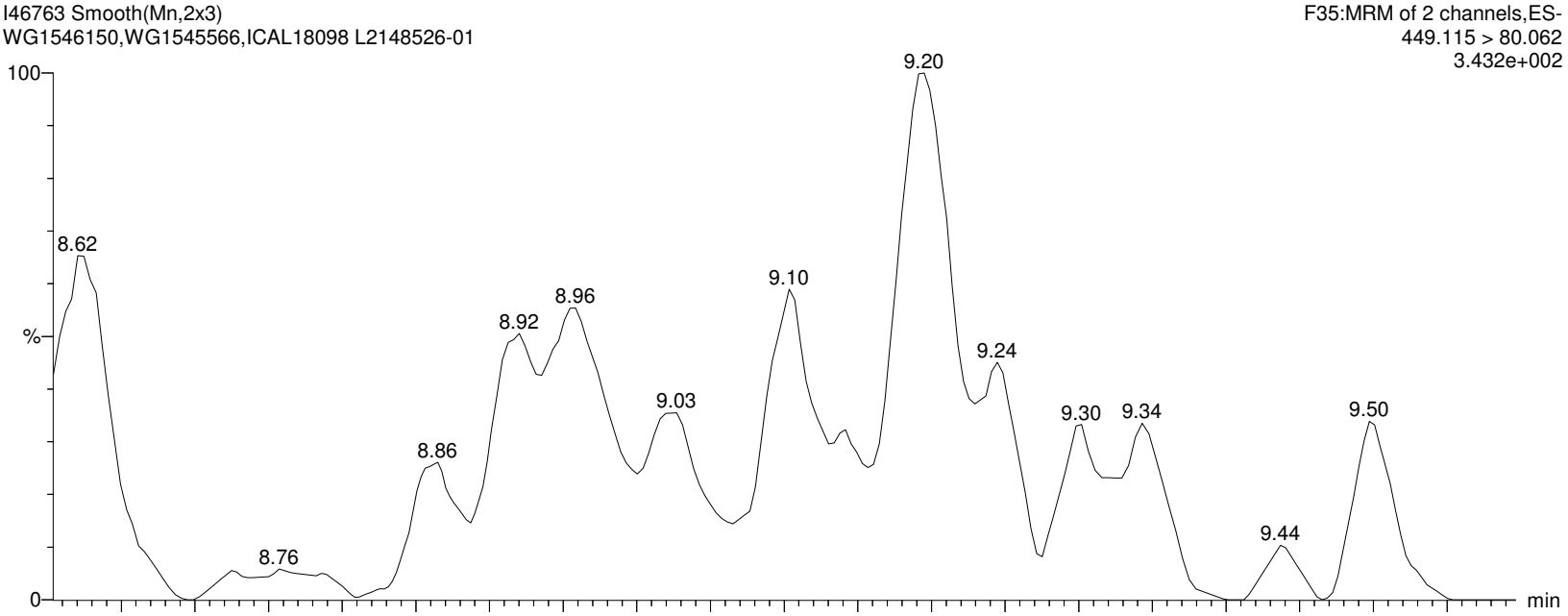


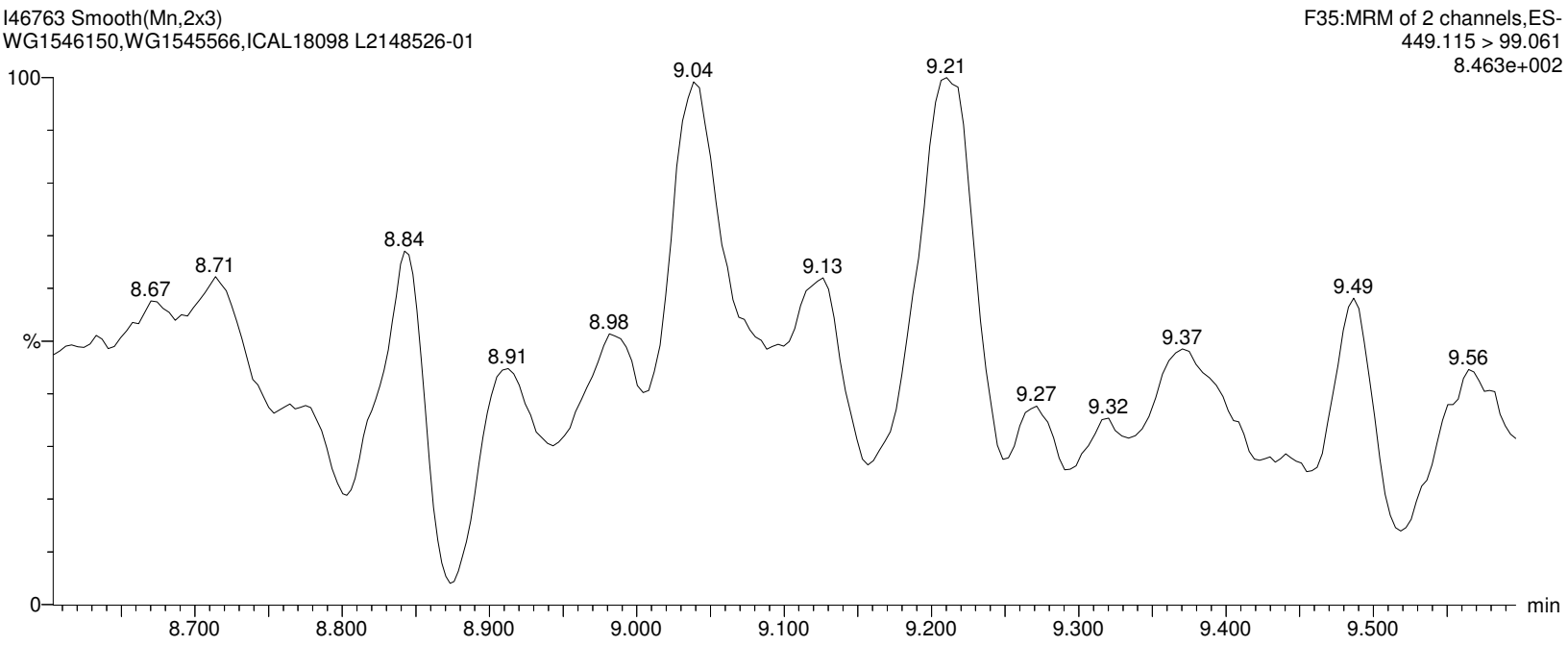
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:54 Eastern Daylight Time

Name: I46763
ID: L2148526-01
Date: 15-Sep-2021
Time: 04:52:38
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpS



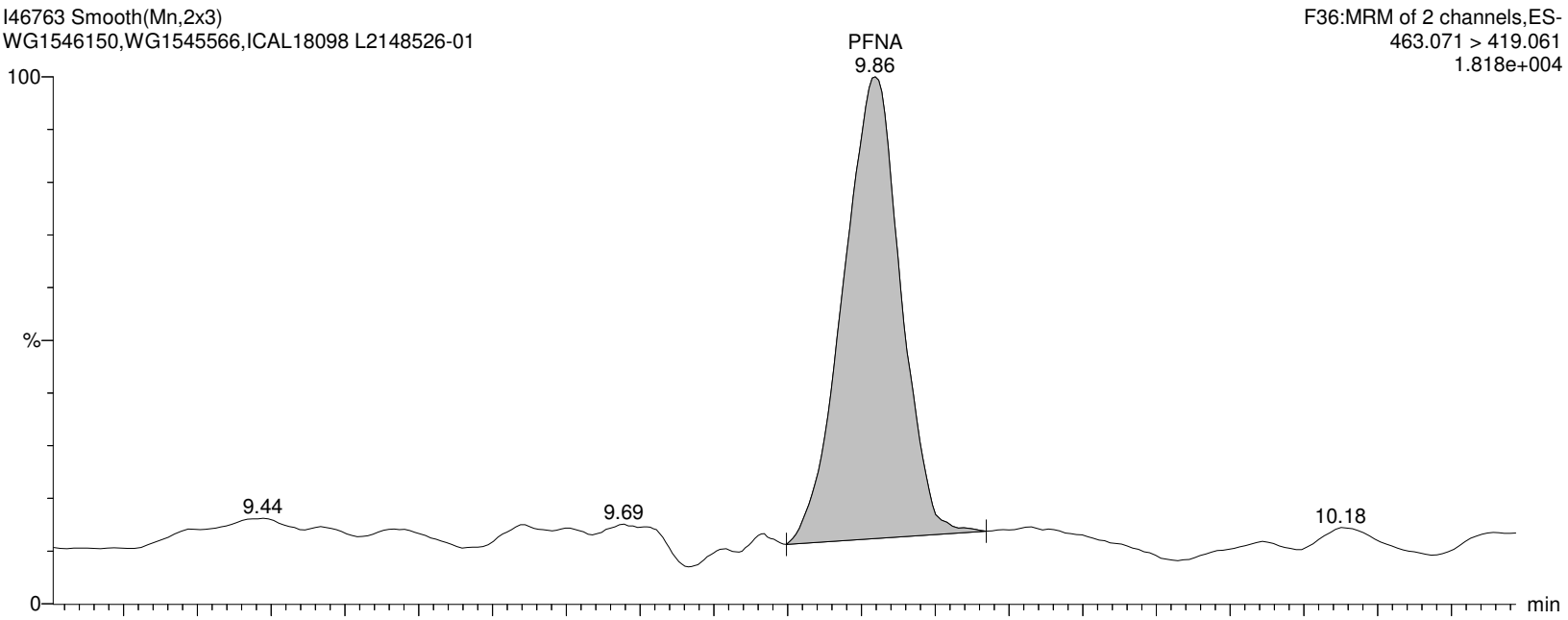


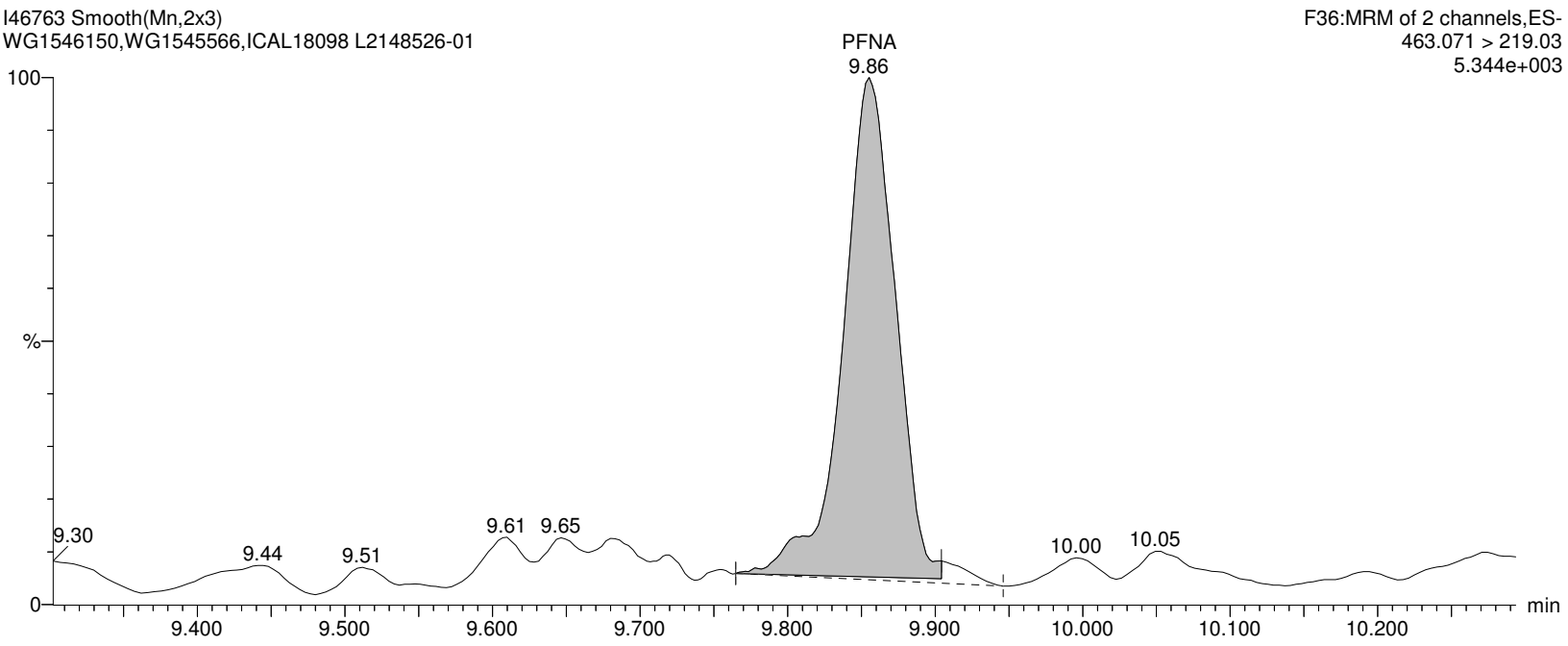
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:54 Eastern Daylight Time

Name: I46763
ID: L2148526-01
Date: 15-Sep-2021
Time: 04:52:38
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNA



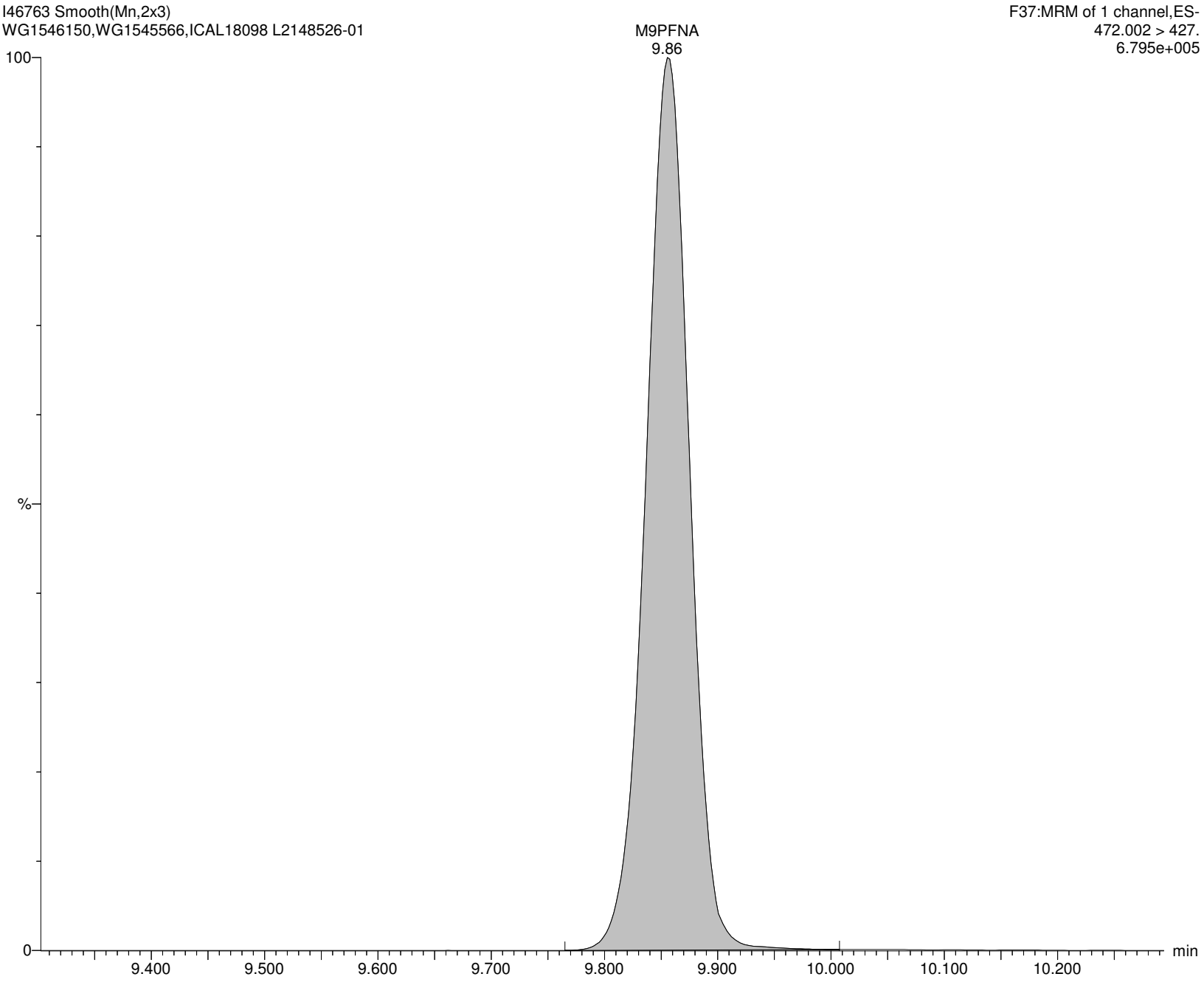


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:54 Eastern Daylight Time

Name: I46763
ID: L2148526-01
Date: 15-Sep-2021
Time: 04:52:38
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M9PFNA

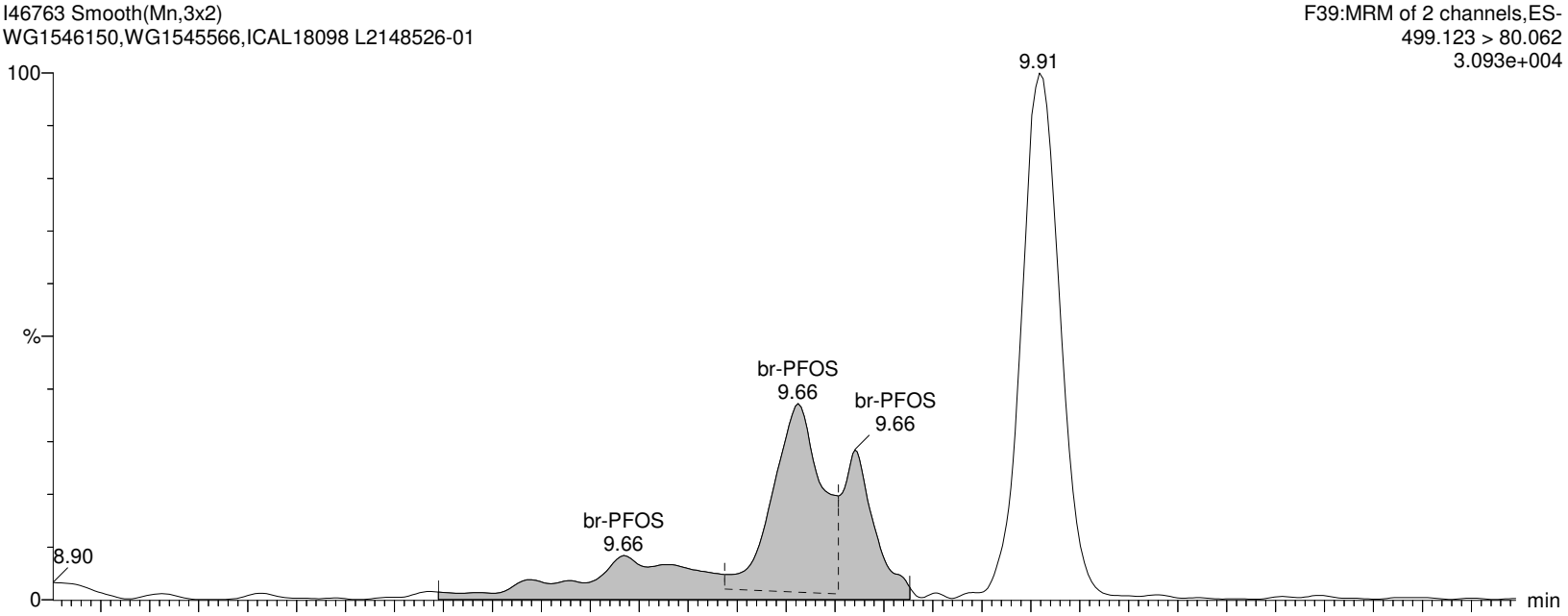


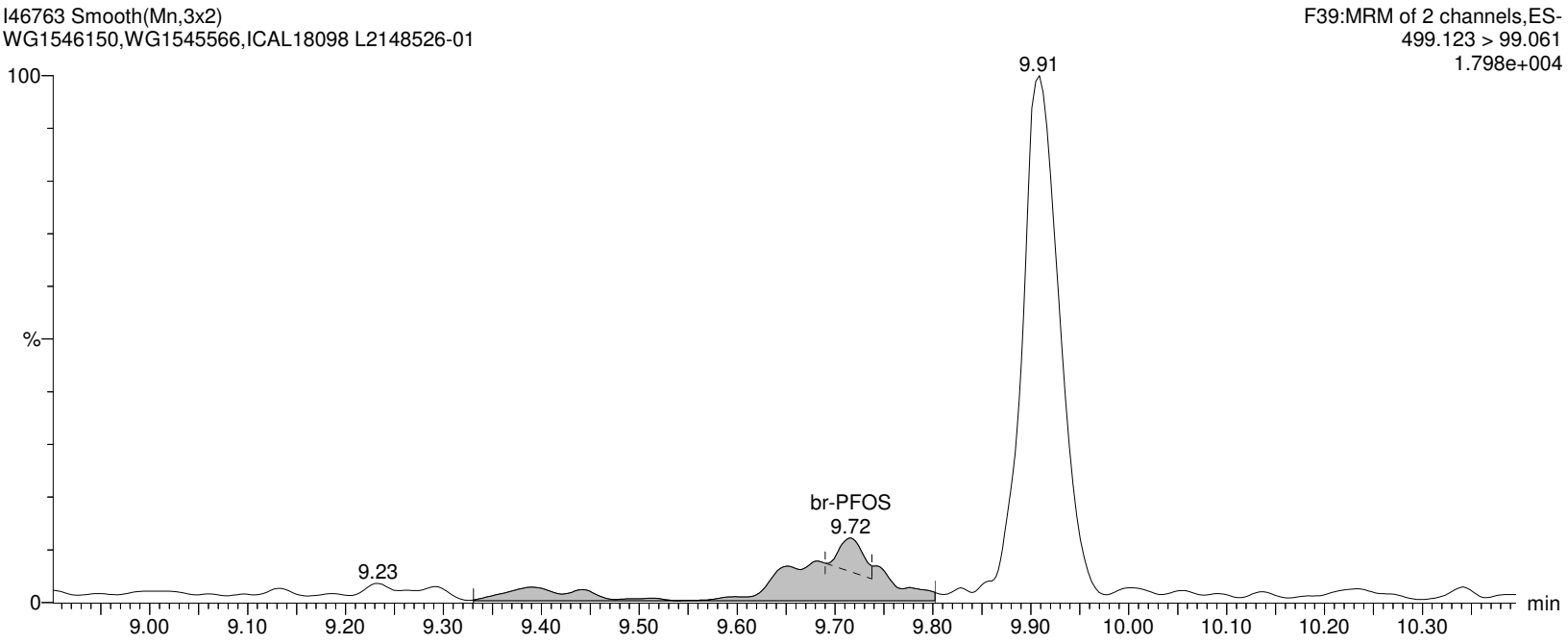
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:54 Eastern Daylight Time

Name: I46763
ID: L2148526-01
Date: 15-Sep-2021
Time: 04:52:38
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOS



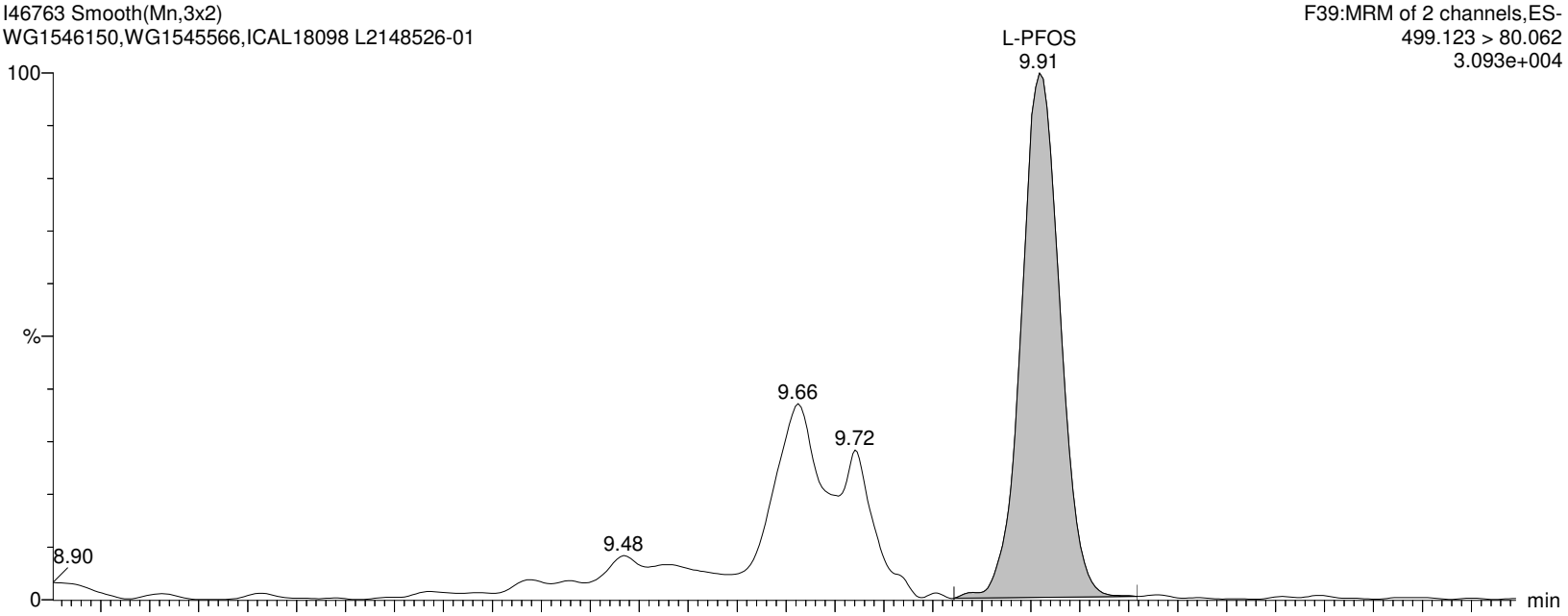


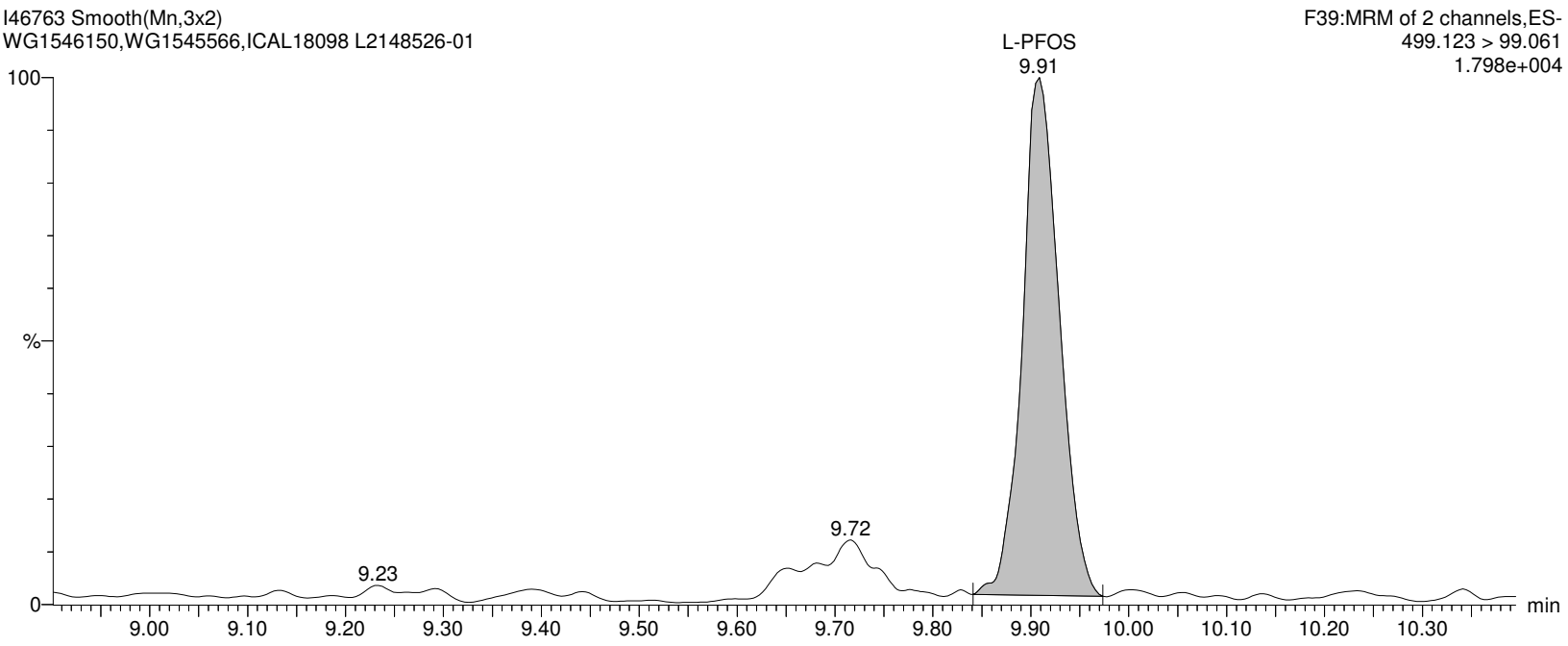
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:54 Eastern Daylight Time

Name: I46763
ID: L2148526-01
Date: 15-Sep-2021
Time: 04:52:38
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOS



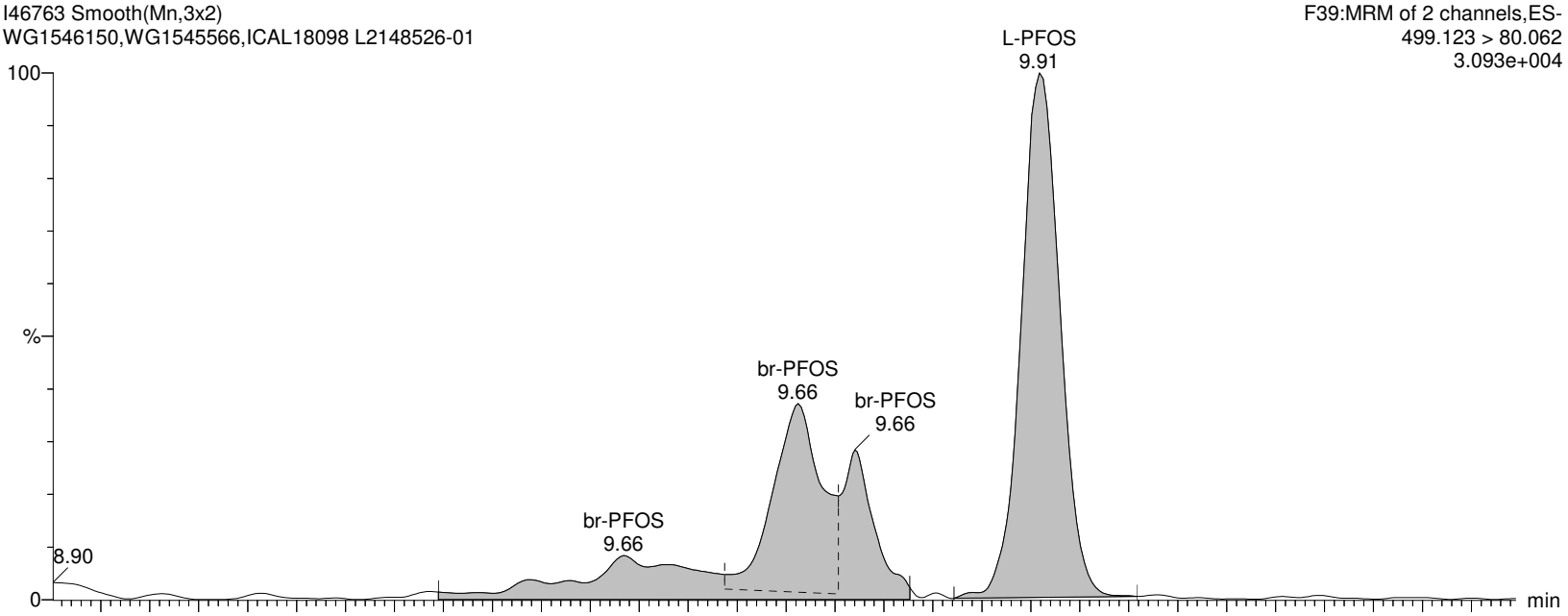


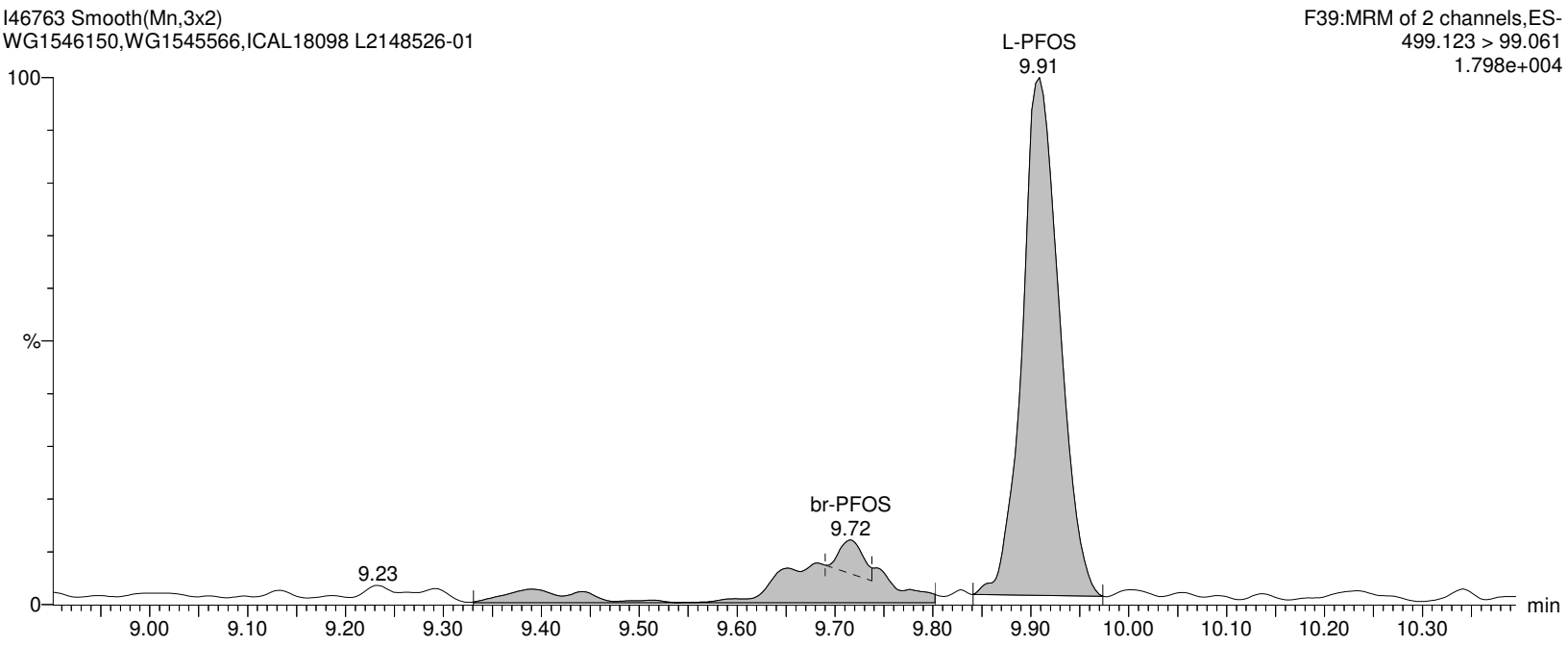
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:54 Eastern Daylight Time

Name: I46763
ID: L2148526-01
Date: 15-Sep-2021
Time: 04:52:38
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOS



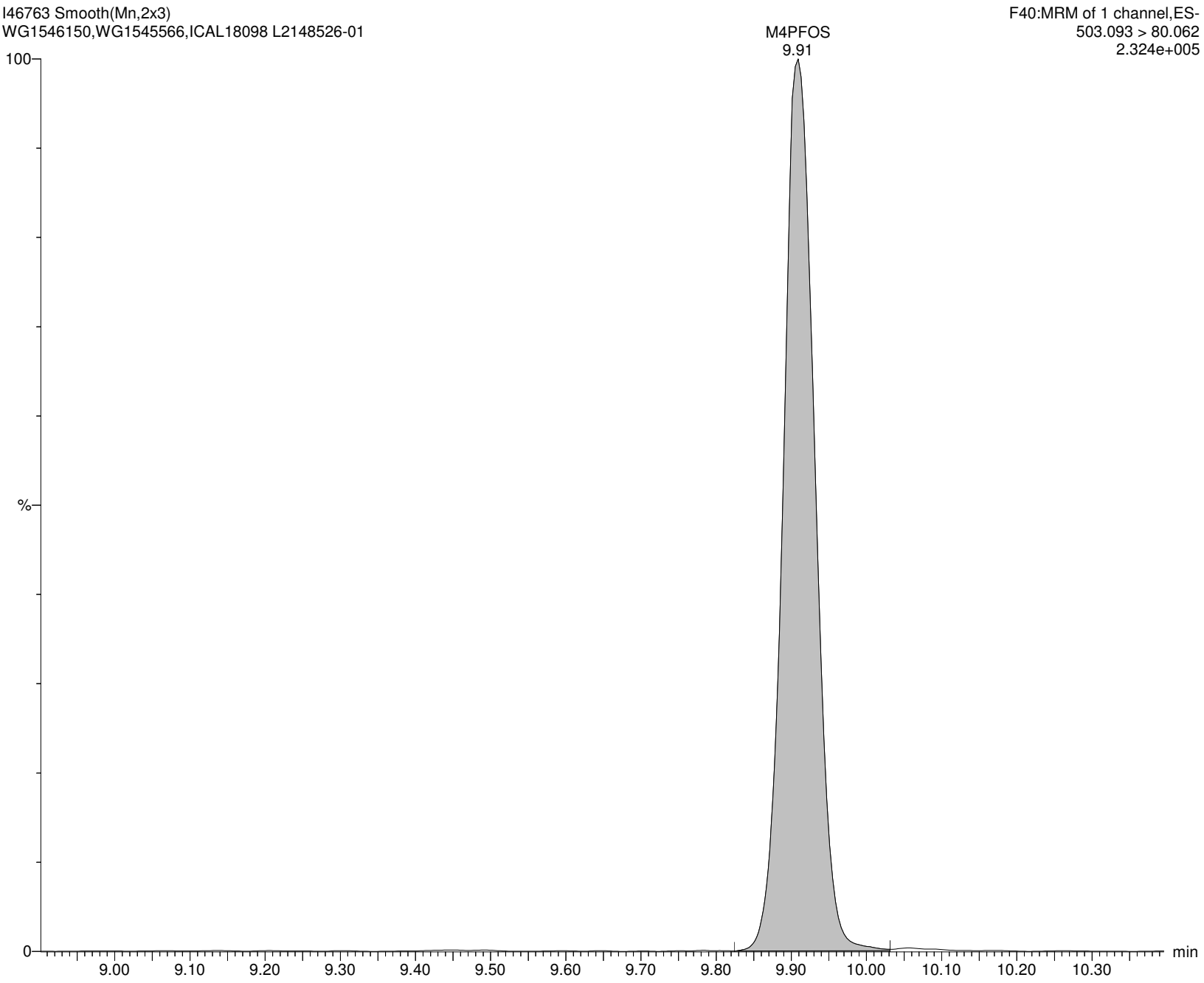


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:54 Eastern Daylight Time

Name: I46763
ID: L2148526-01
Date: 15-Sep-2021
Time: 04:52:38
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOS

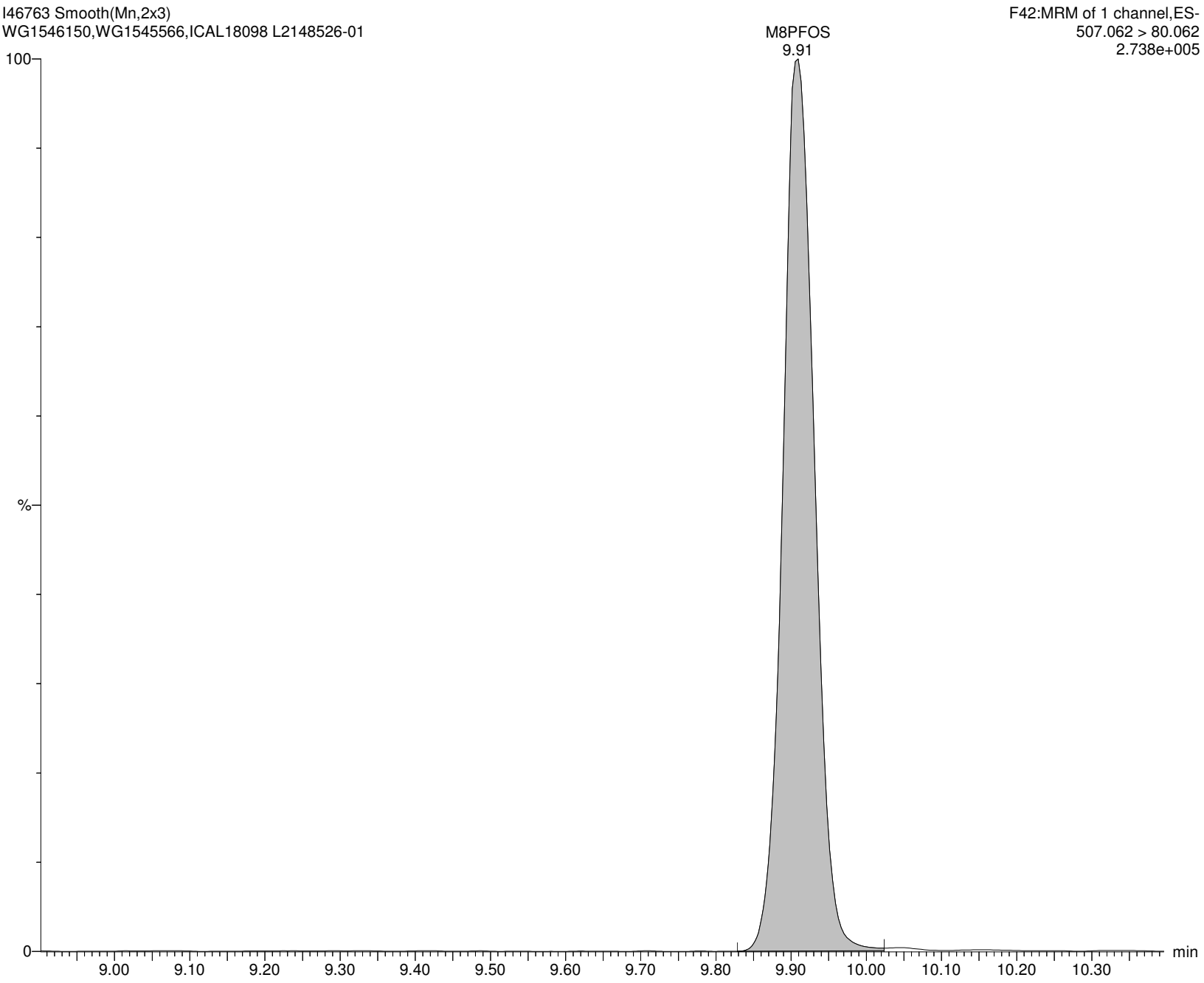


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:54 Eastern Daylight Time

Name: I46763
ID: L2148526-01
Date: 15-Sep-2021
Time: 04:52:38
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOS

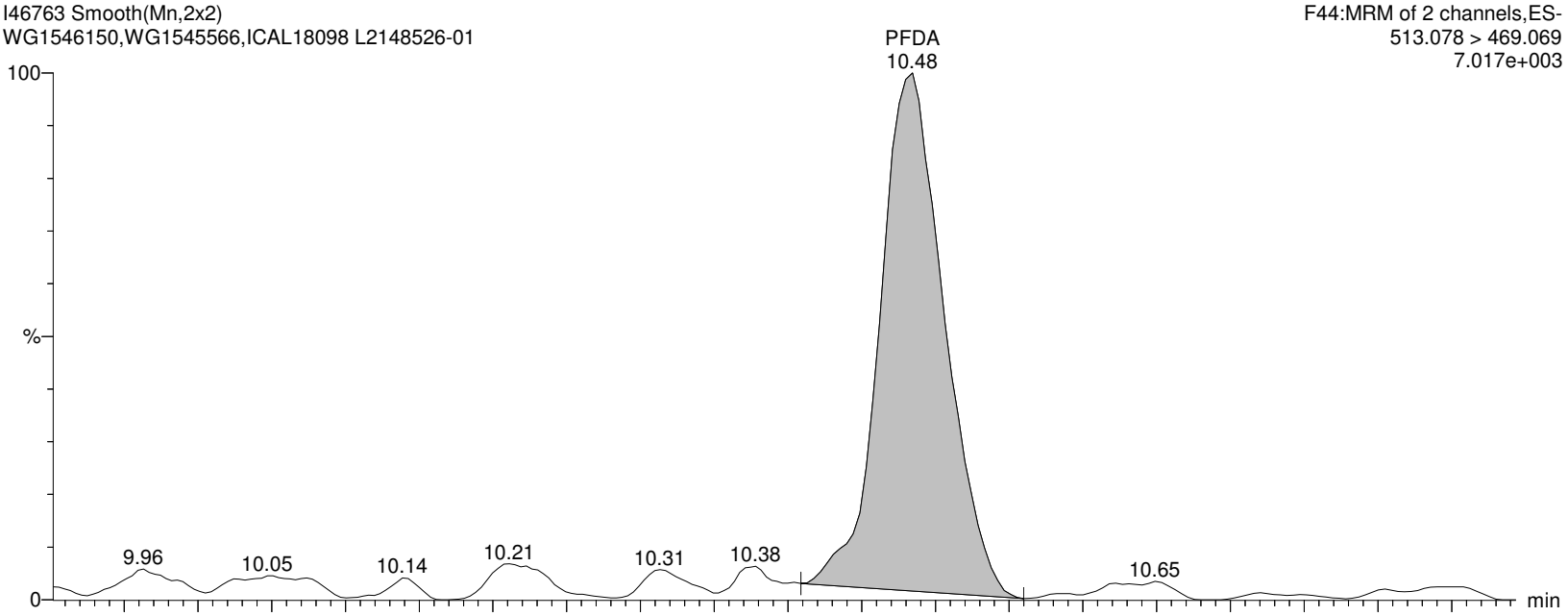


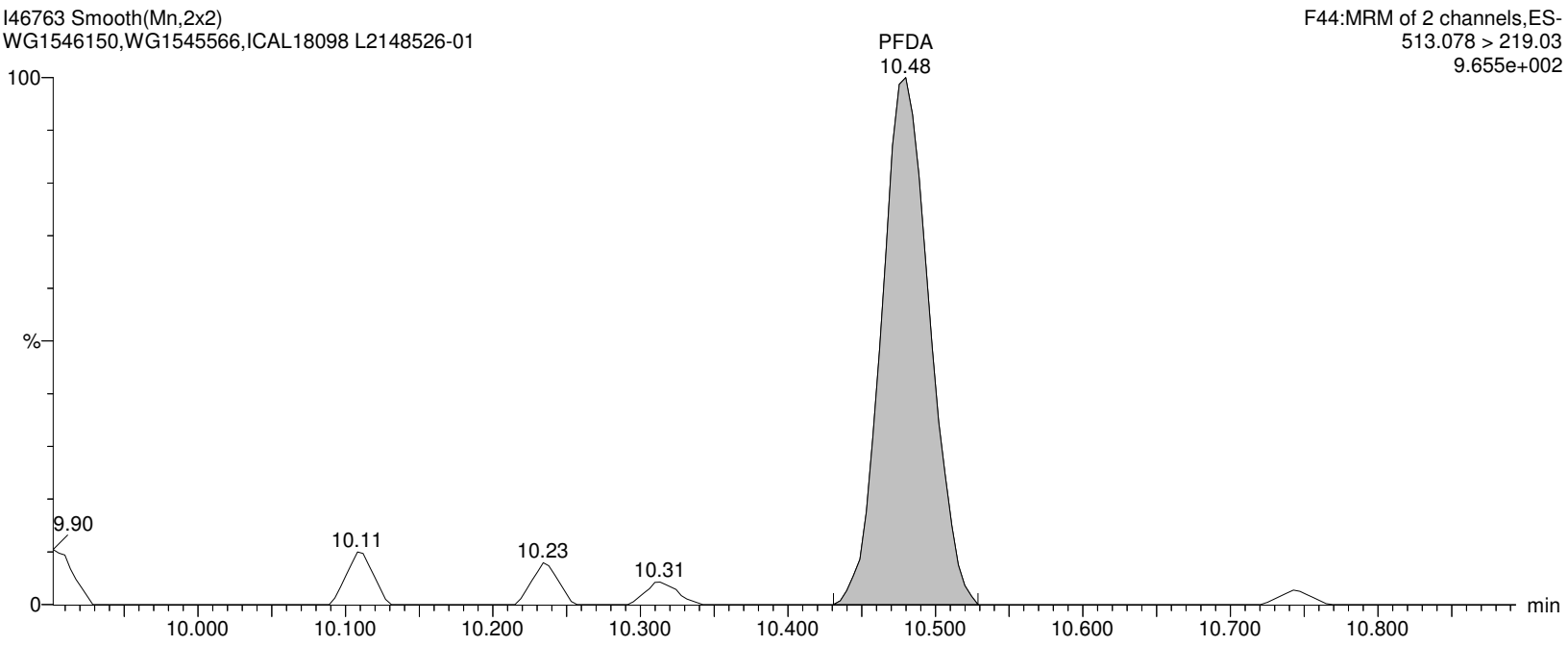
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:54 Eastern Daylight Time

Name: I46763
ID: L2148526-01
Date: 15-Sep-2021
Time: 04:52:38
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDA



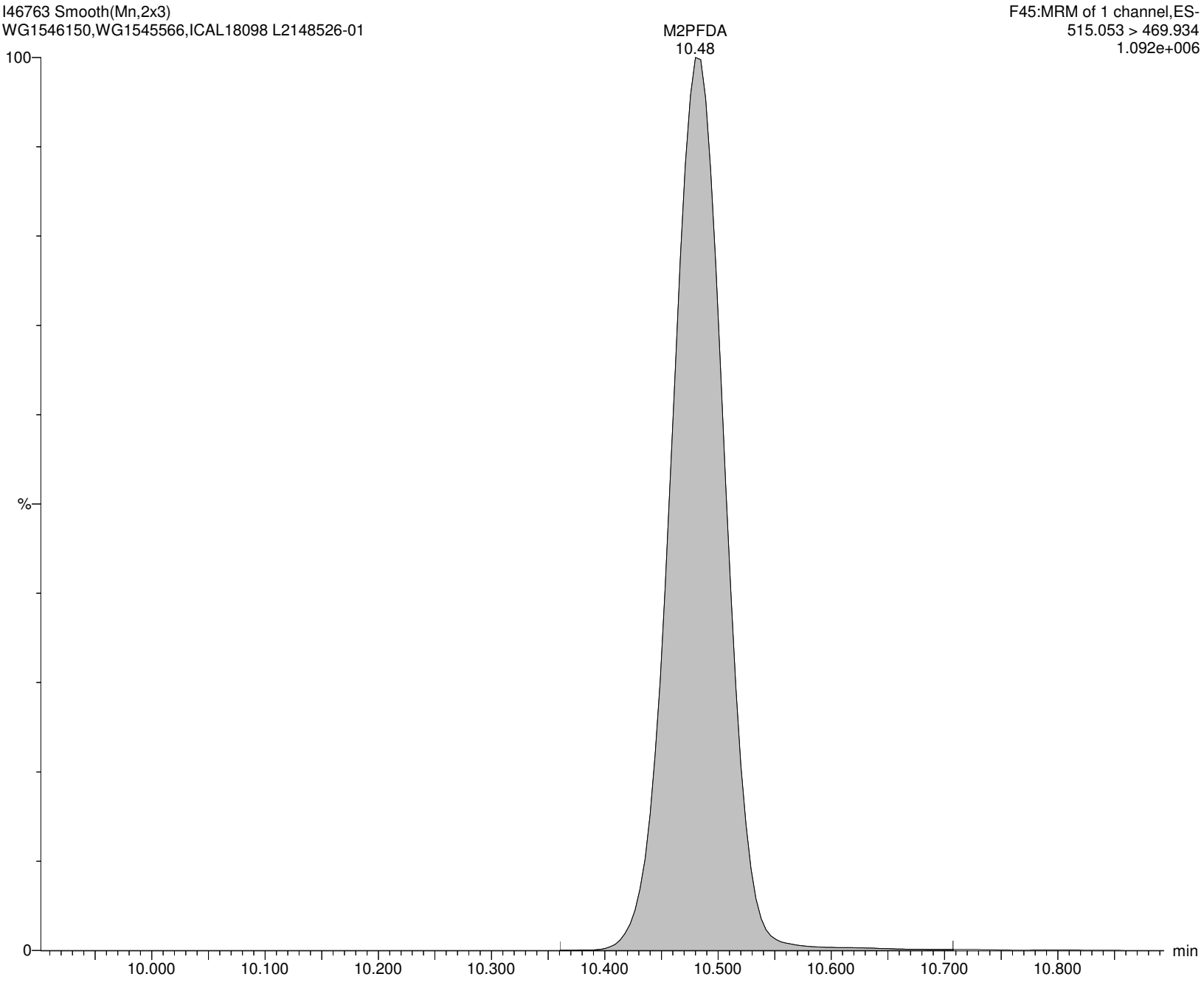


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:54 Eastern Daylight Time

Name: I46763
ID: L2148526-01
Date: 15-Sep-2021
Time: 04:52:38
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFDA

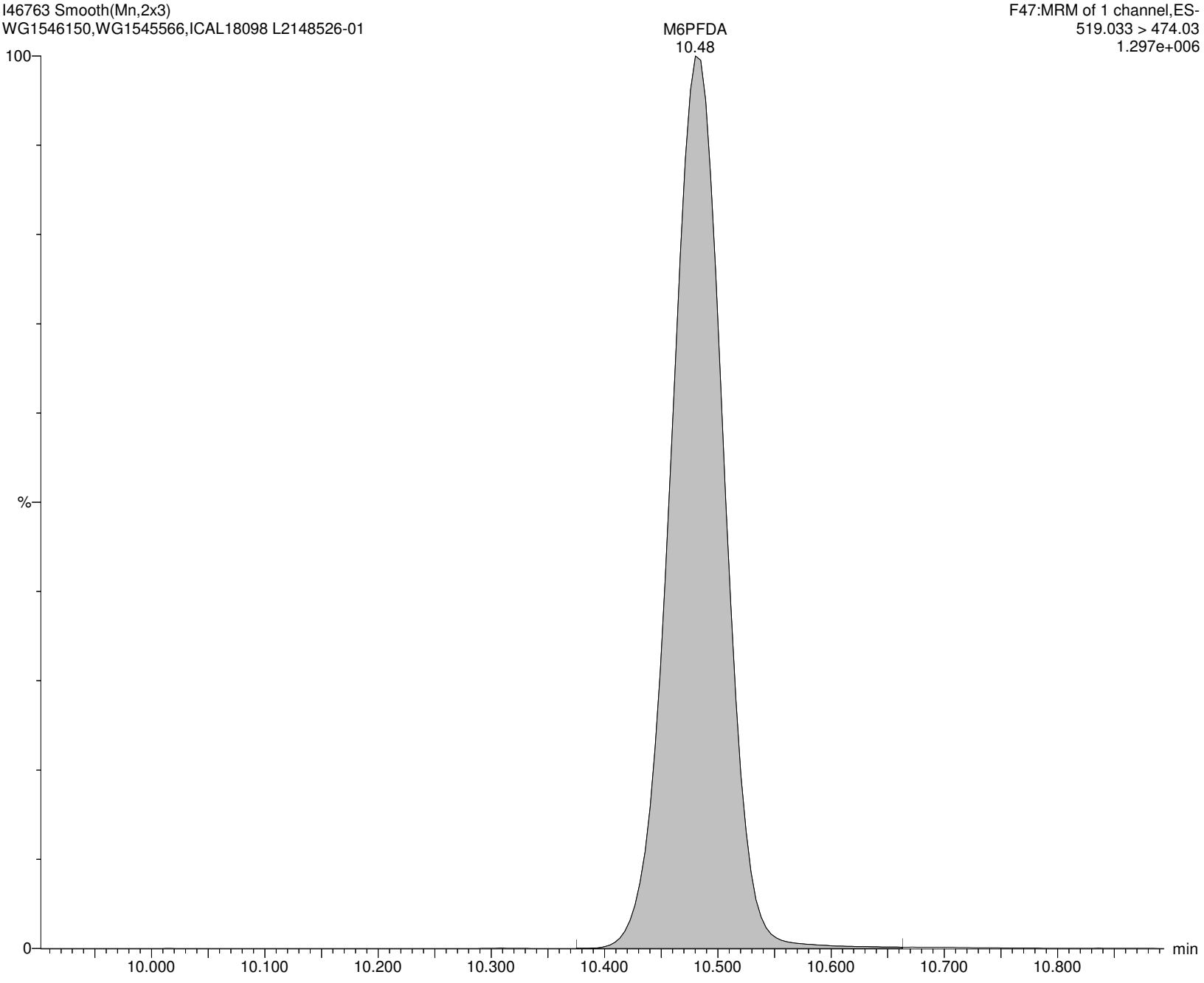


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:54 Eastern Daylight Time

Name: I46763
ID: L2148526-01
Date: 15-Sep-2021
Time: 04:52:38
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M6PFDA

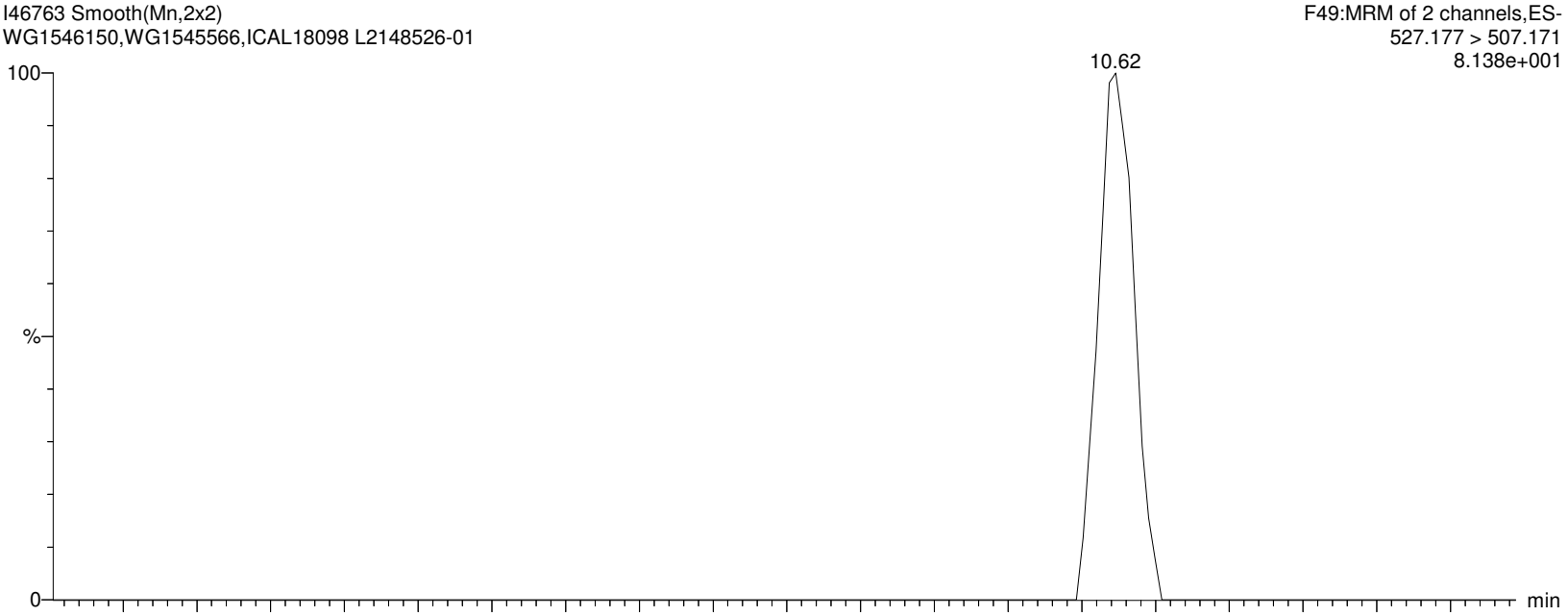


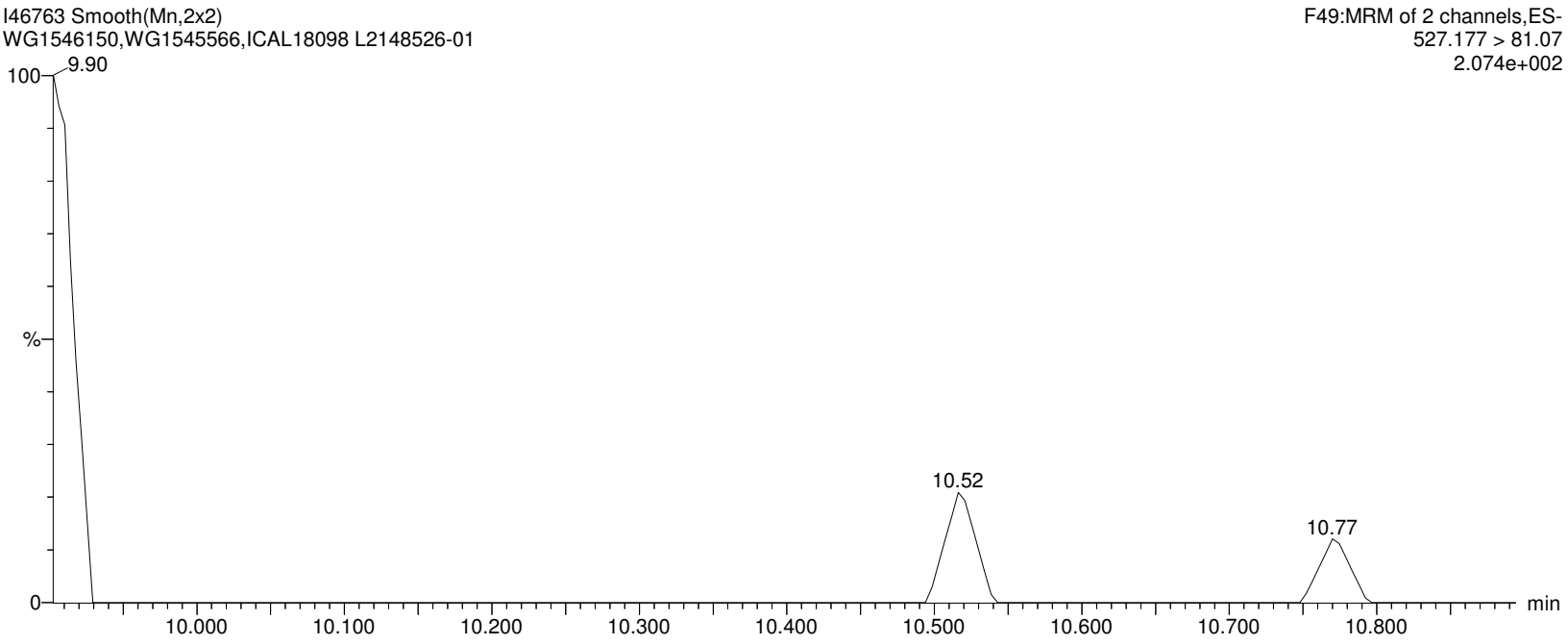
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:54 Eastern Daylight Time

Name: I46763
ID: L2148526-01
Date: 15-Sep-2021
Time: 04:52:38
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

8:2FTS



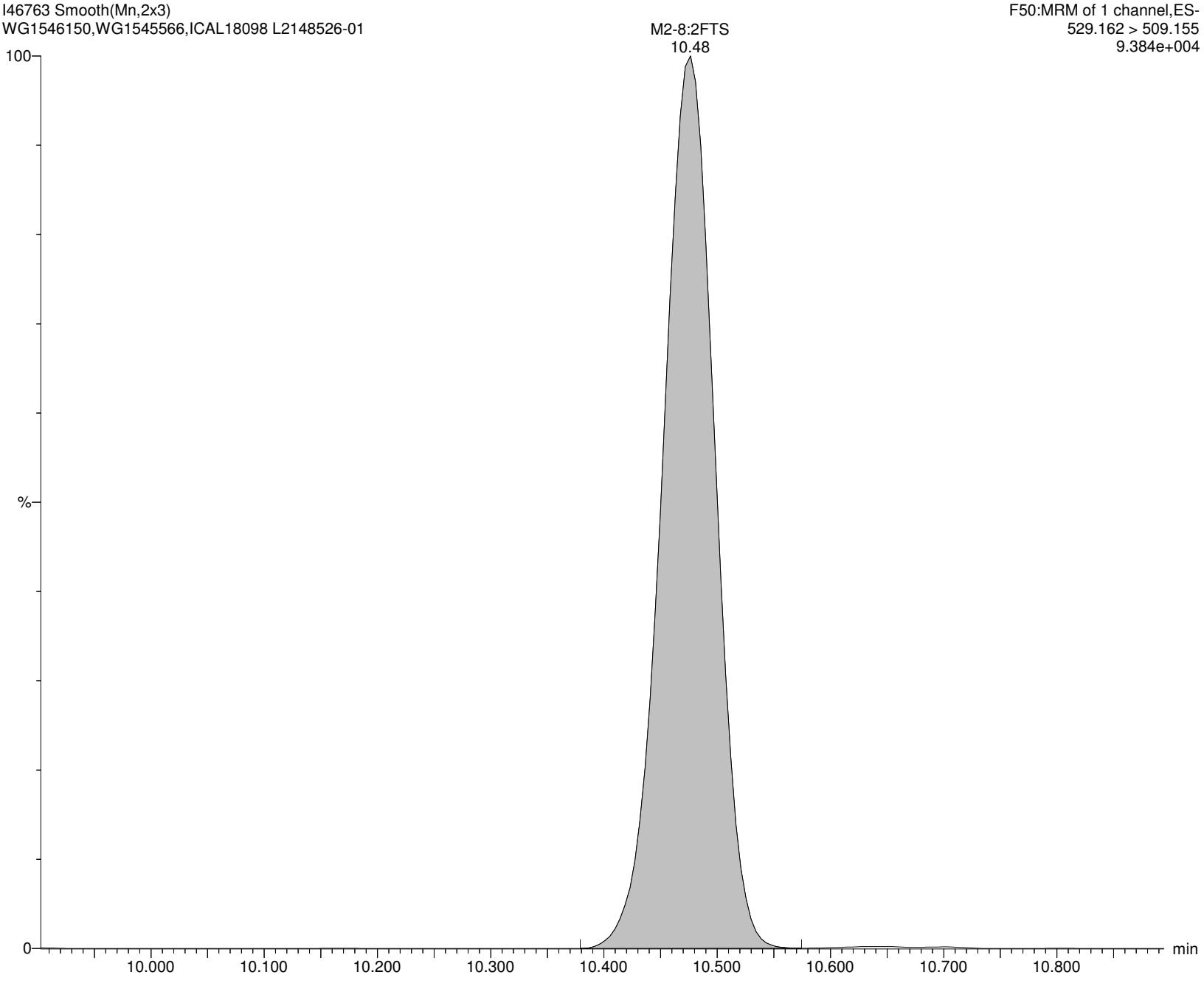


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:54 Eastern Daylight Time

Name: I46763
ID: L2148526-01
Date: 15-Sep-2021
Time: 04:52:38
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-8:2FTS

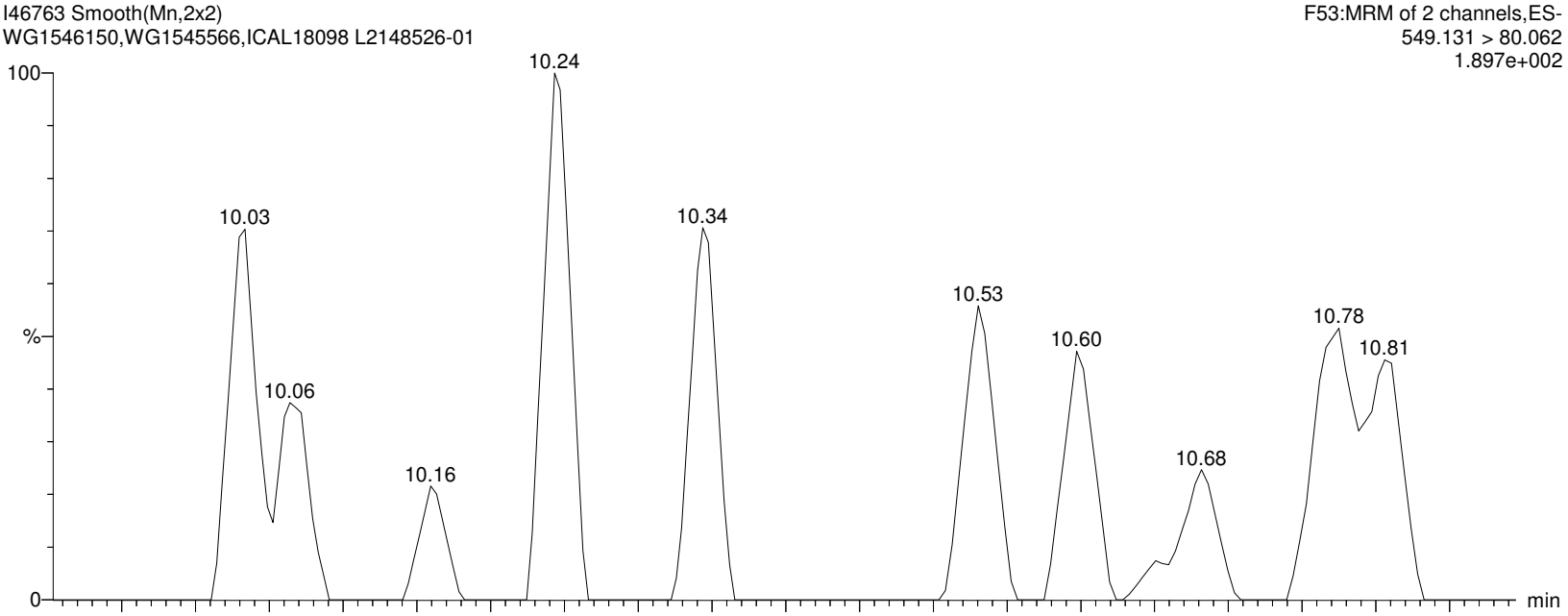


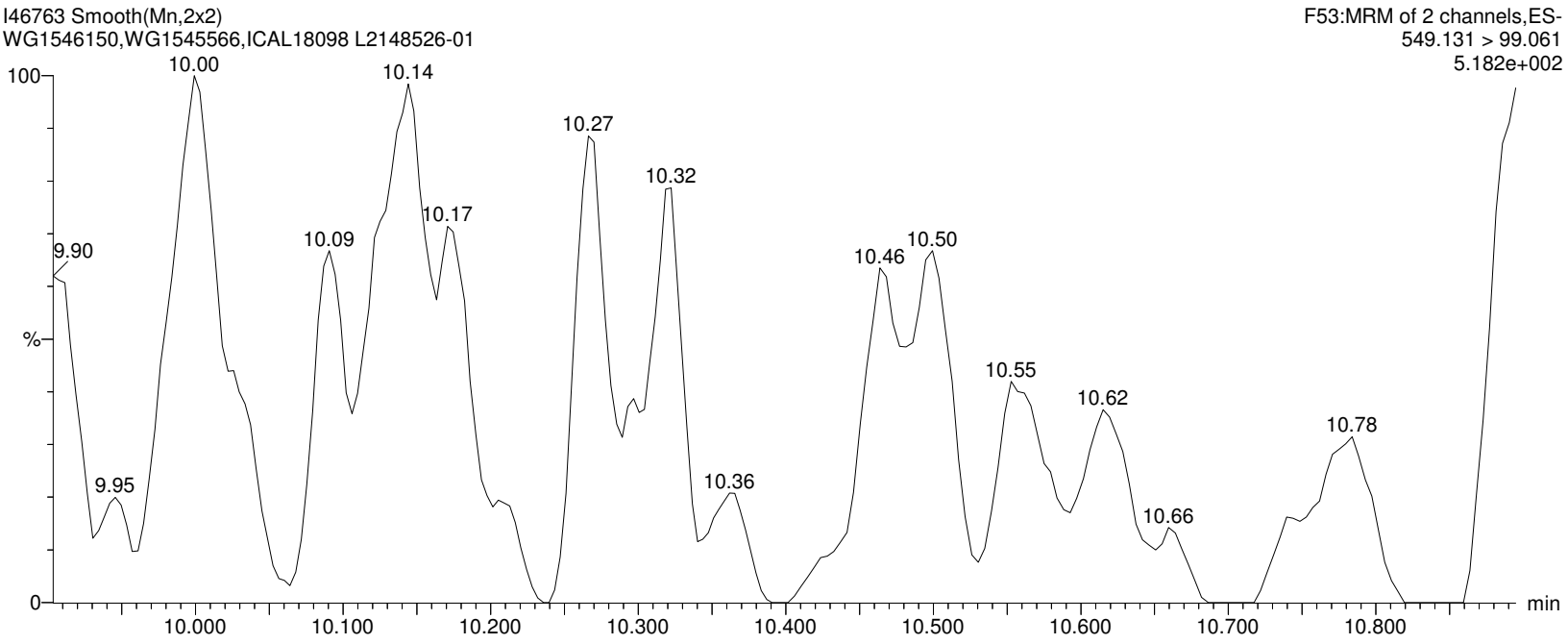
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:54 Eastern Daylight Time

Name: I46763
ID: L2148526-01
Date: 15-Sep-2021
Time: 04:52:38
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNS



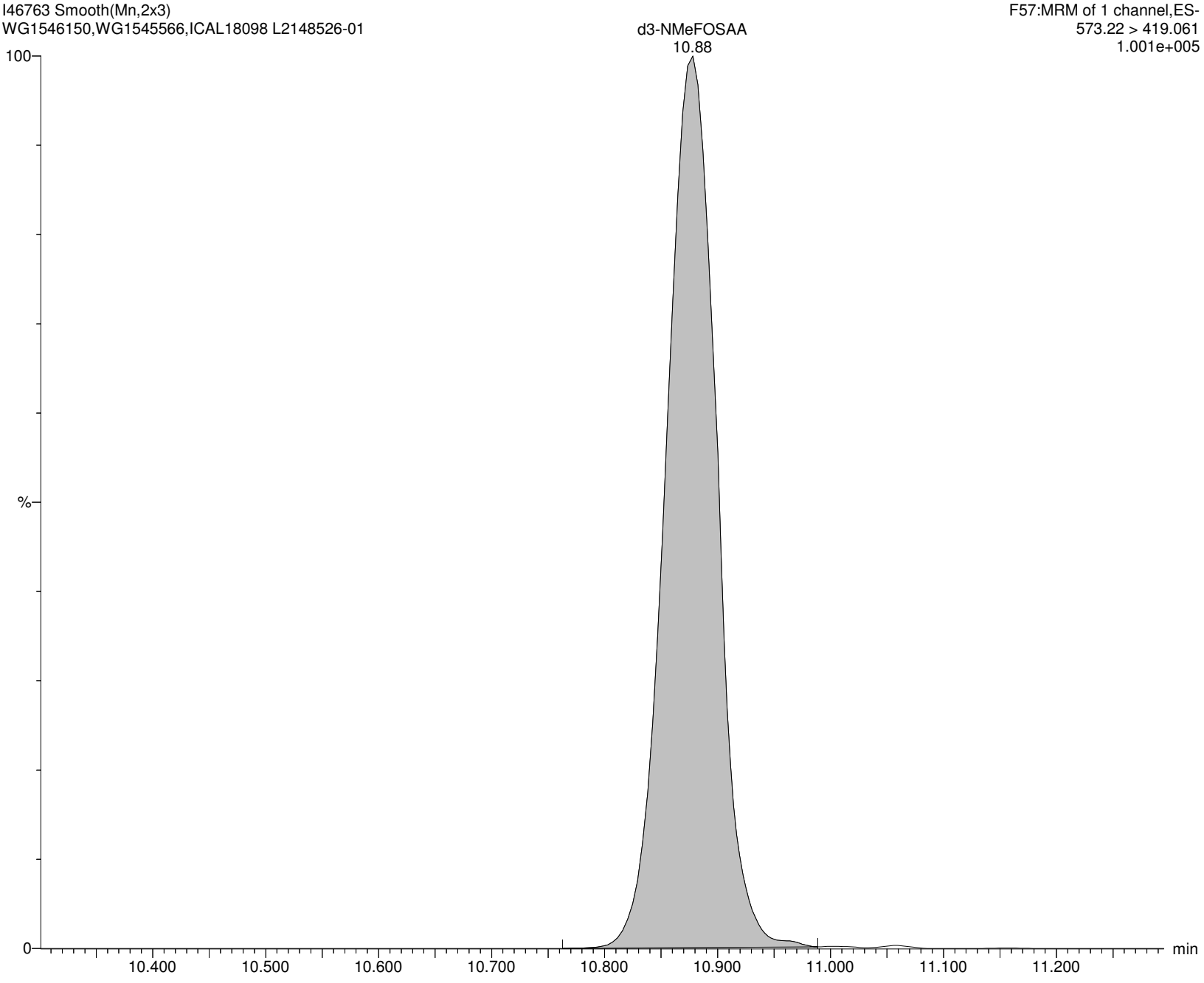


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:54 Eastern Daylight Time

Name: I46763
ID: L2148526-01
Date: 15-Sep-2021
Time: 04:52:38
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSAA

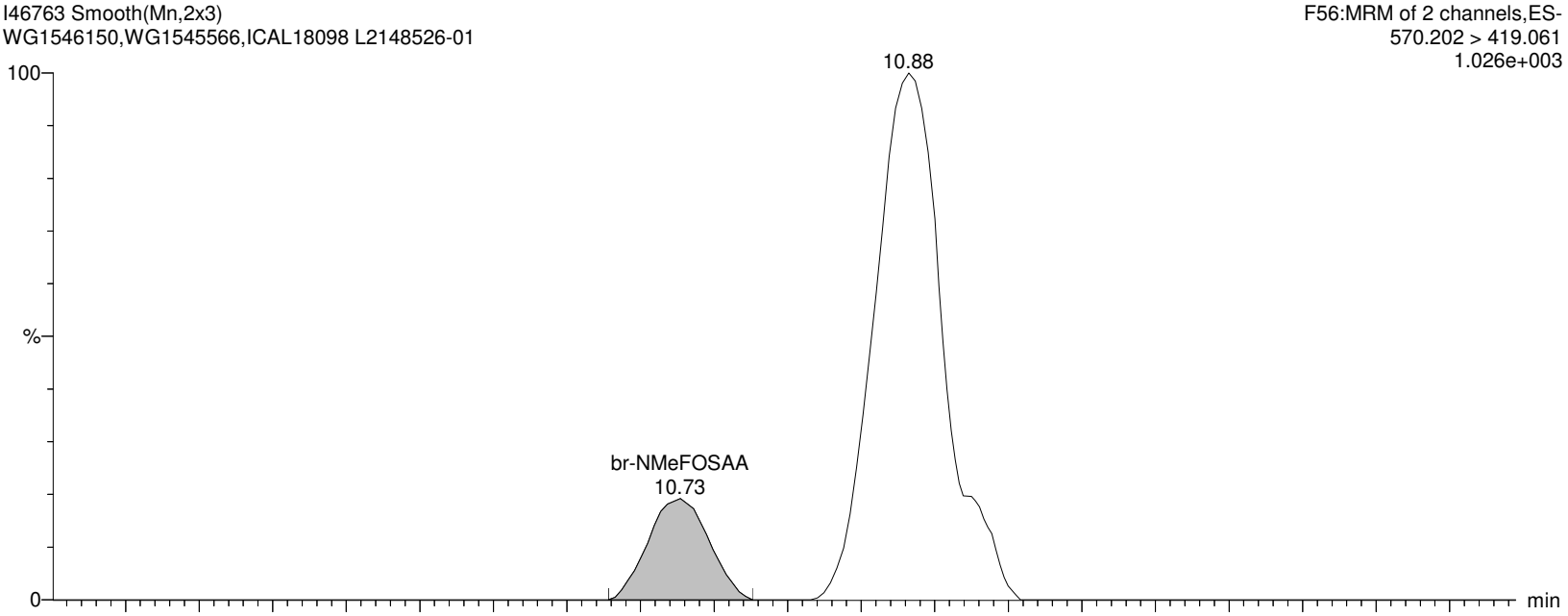


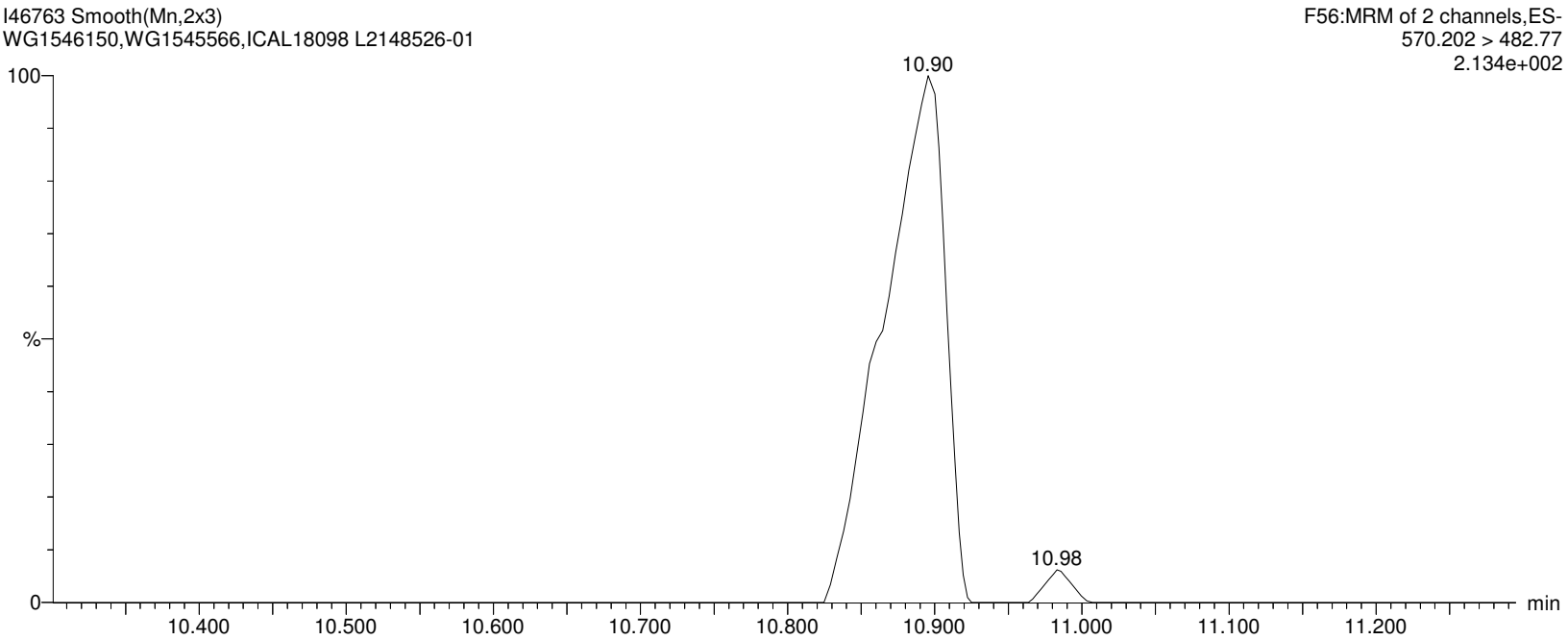
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:54 Eastern Daylight Time

Name: I46763
ID: L2148526-01
Date: 15-Sep-2021
Time: 04:52:38
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NMeFOSAA



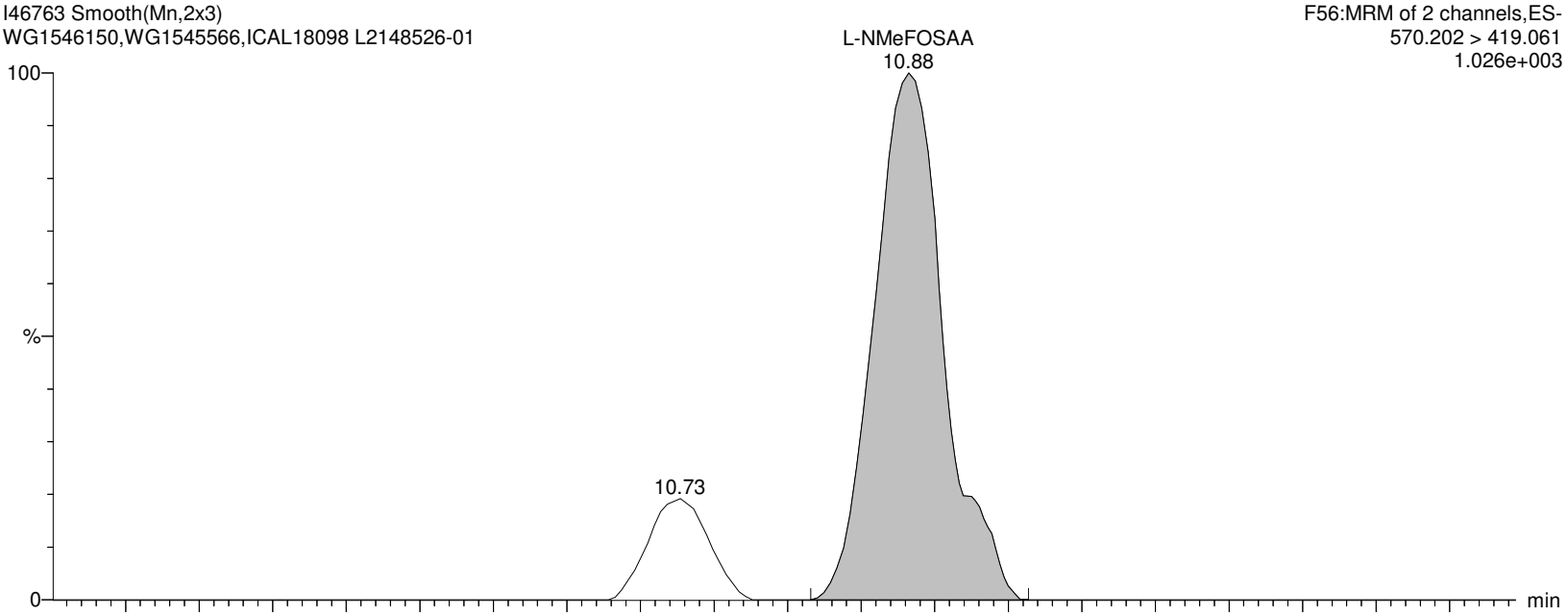


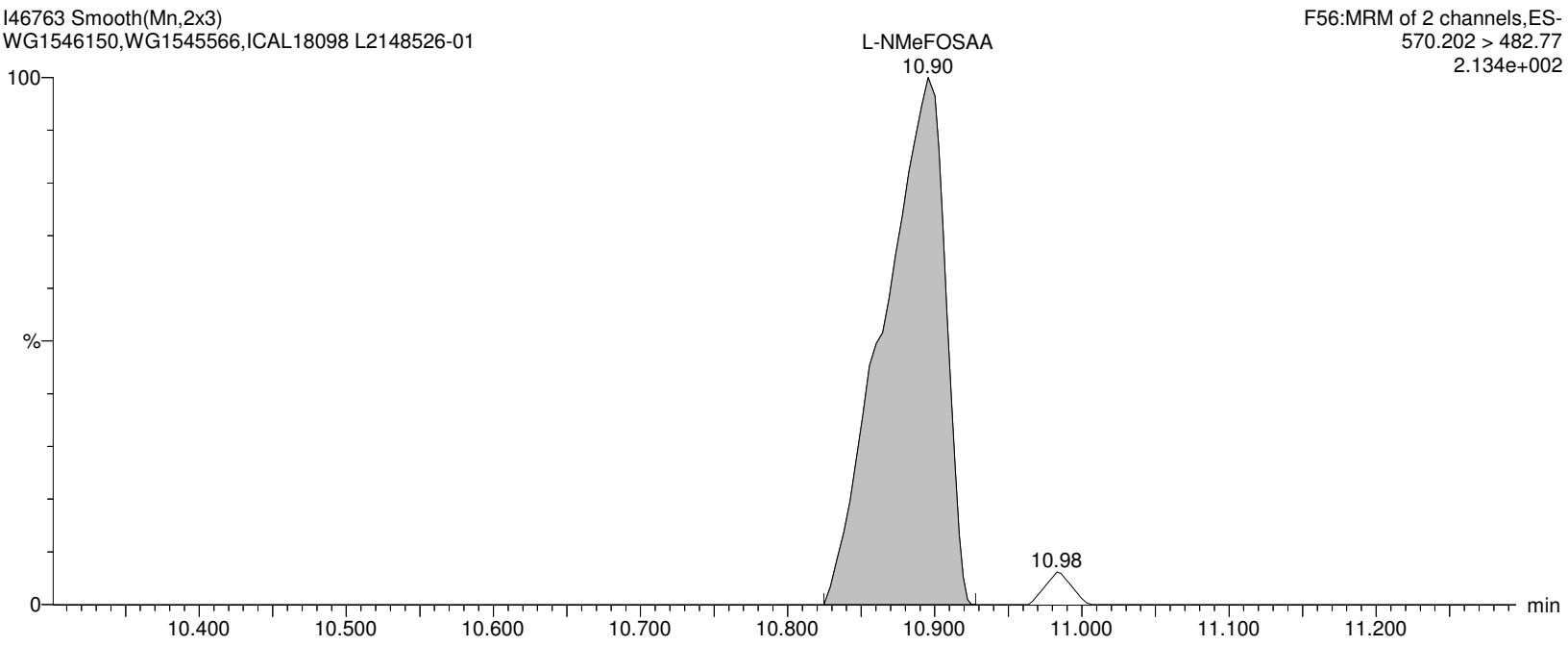
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:54 Eastern Daylight Time

Name: I46763
ID: L2148526-01
Date: 15-Sep-2021
Time: 04:52:38
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NMeFOSAA



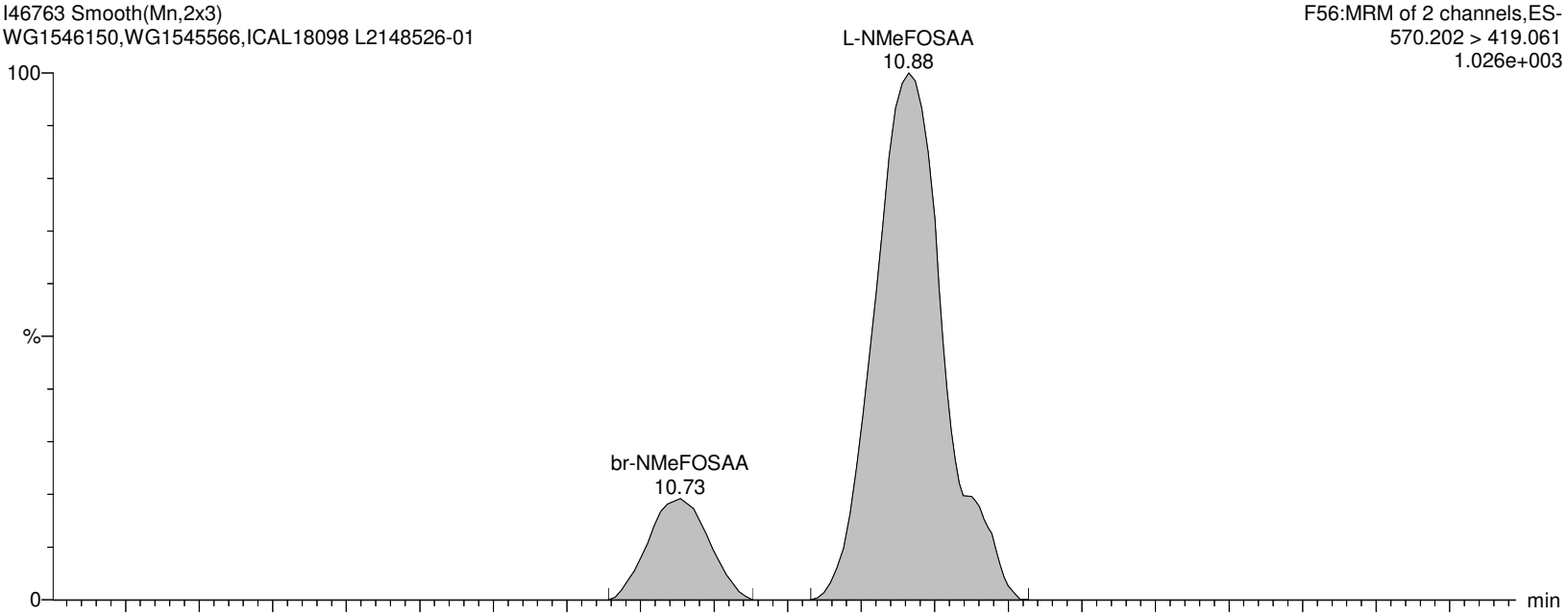


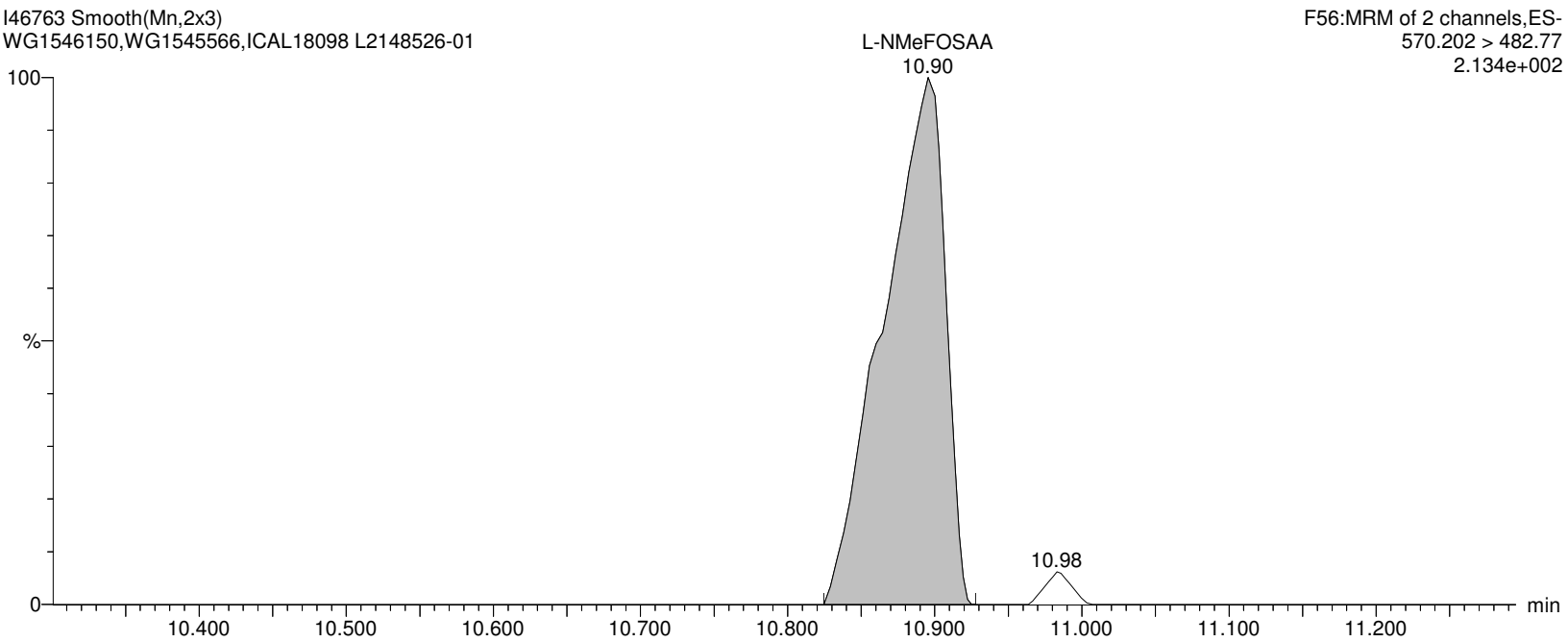
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:54 Eastern Daylight Time

Name: I46763
ID: L2148526-01
Date: 15-Sep-2021
Time: 04:52:38
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSAA



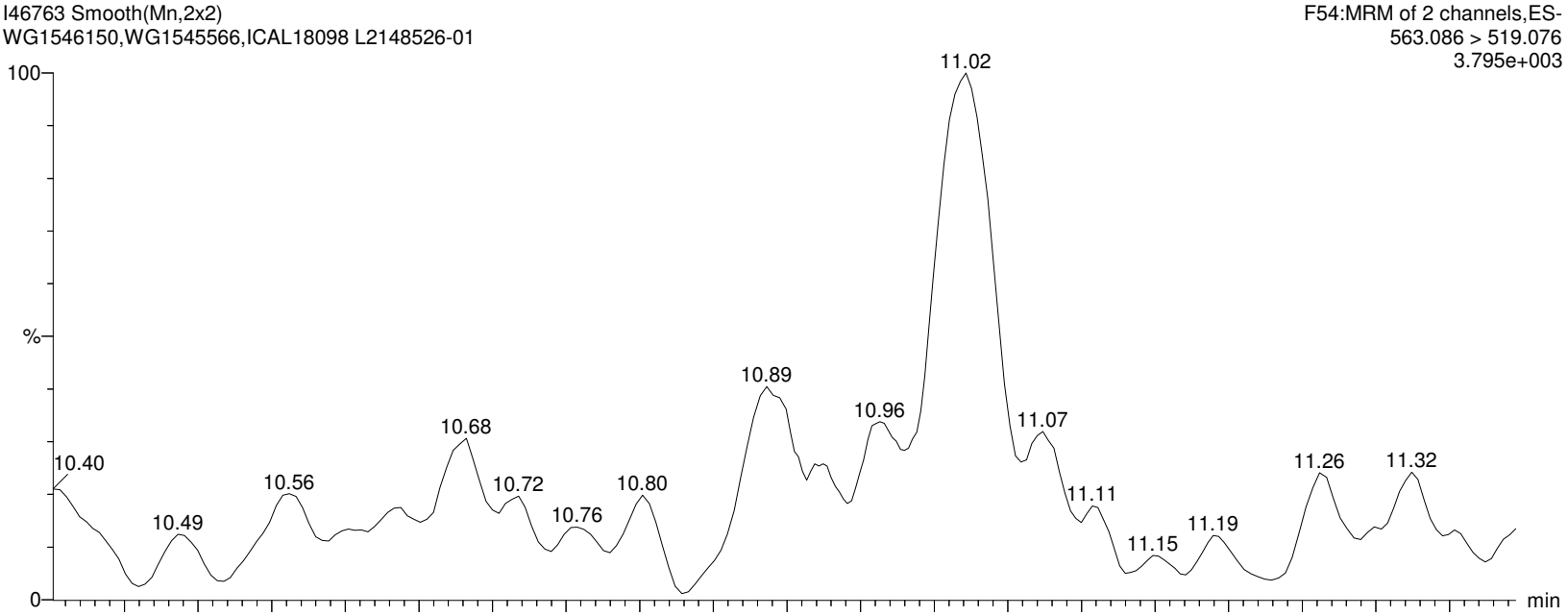


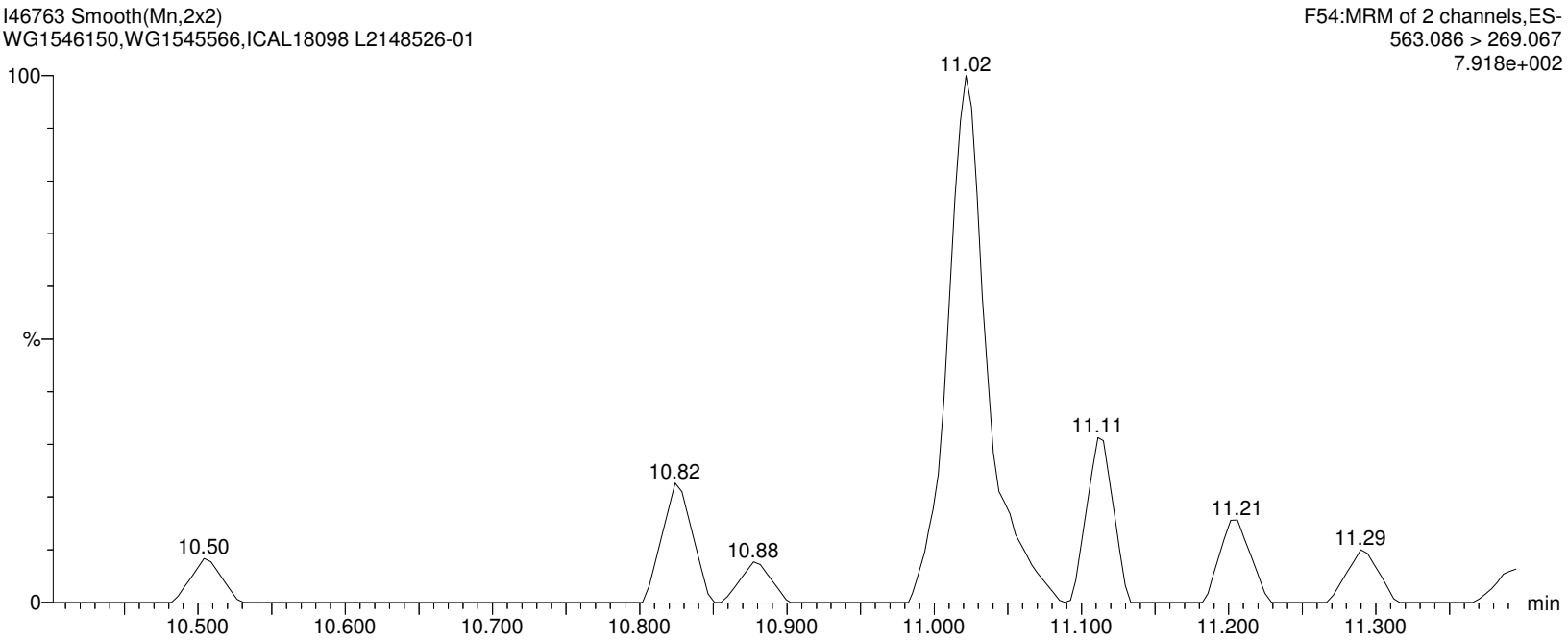
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:54 Eastern Daylight Time

Name: I46763
ID: L2148526-01
Date: 15-Sep-2021
Time: 04:52:38
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFUnA



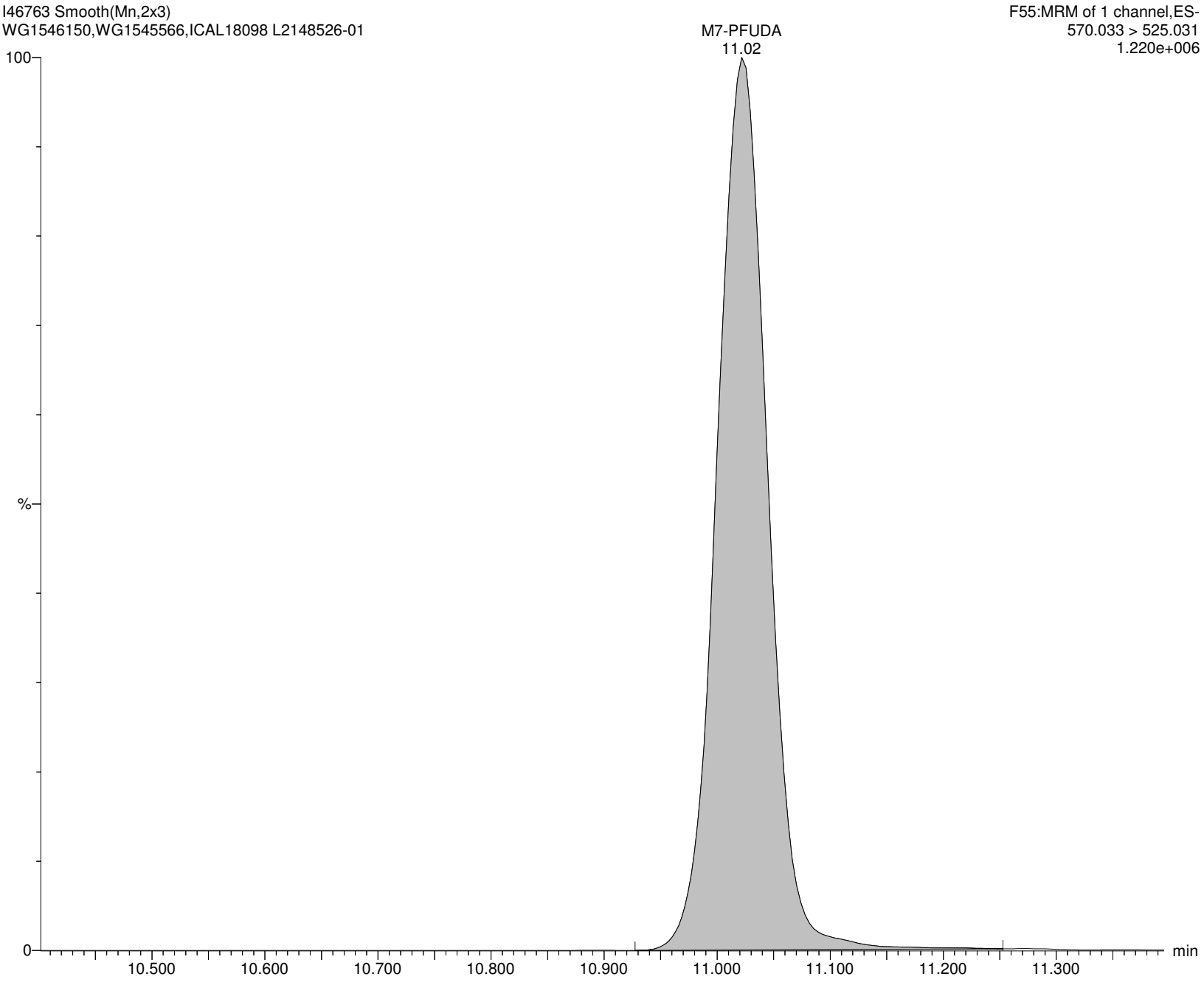


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:54 Eastern Daylight Time

Name: I46763
ID: L2148526-01
Date: 15-Sep-2021
Time: 04:52:38
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M7-PFUDA

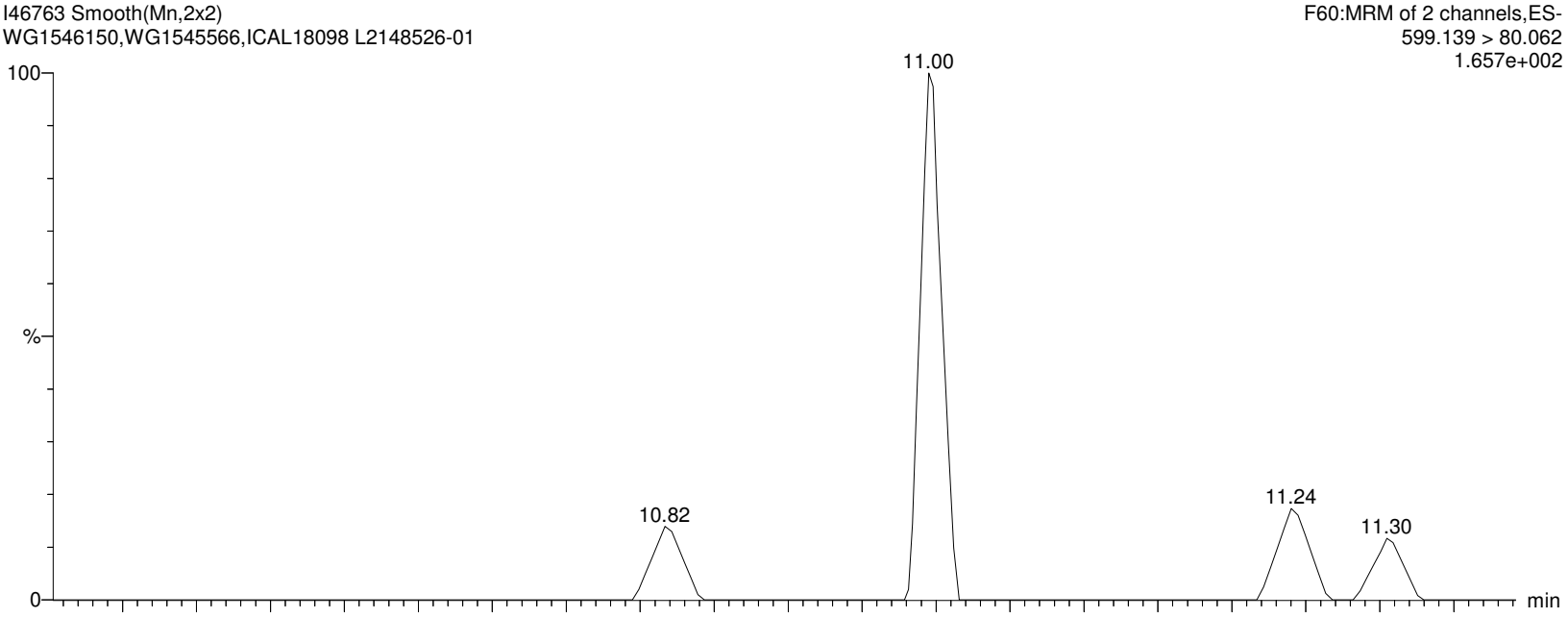


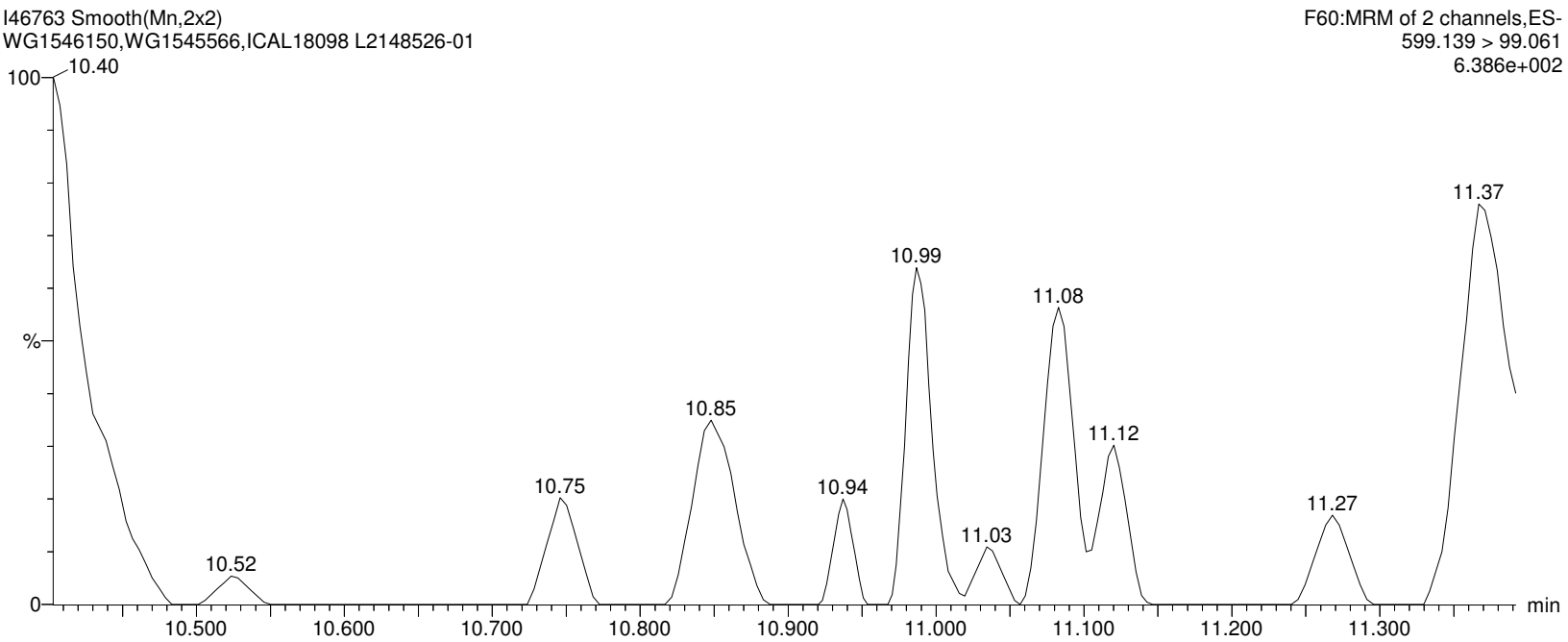
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:54 Eastern Daylight Time

Name: I46763
ID: L2148526-01
Date: 15-Sep-2021
Time: 04:52:38
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDS



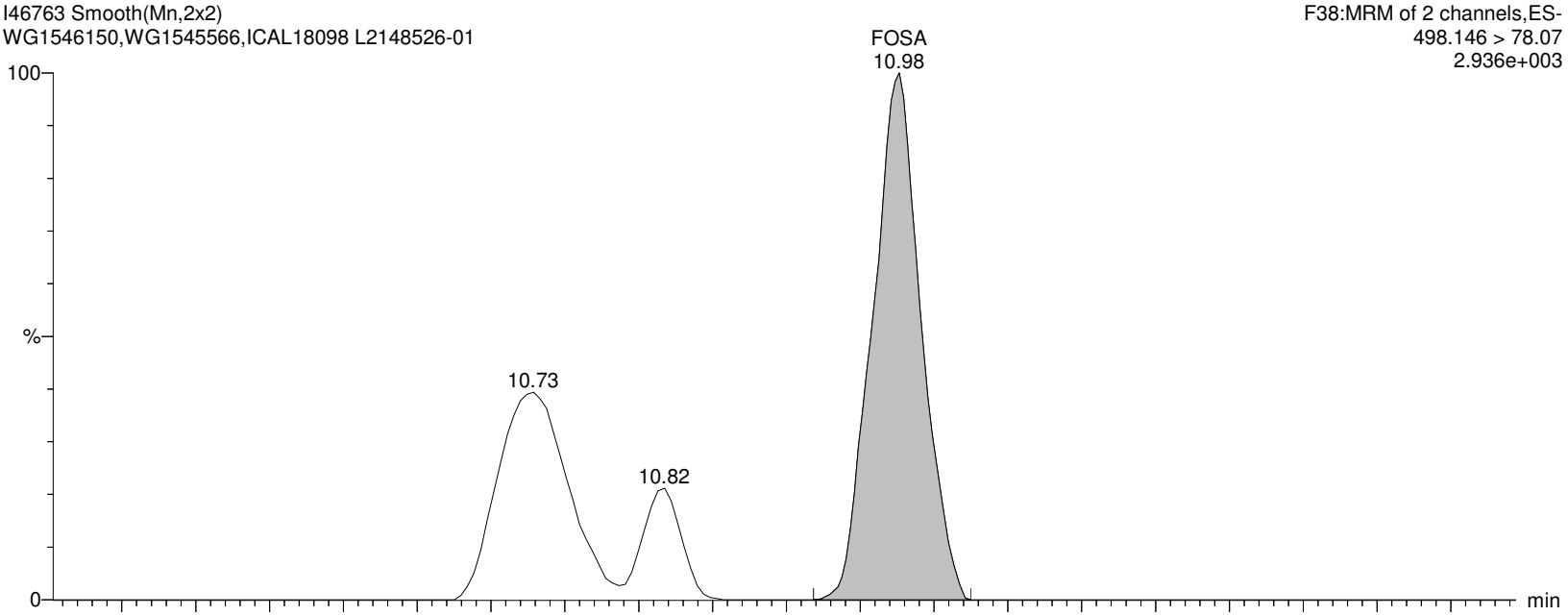


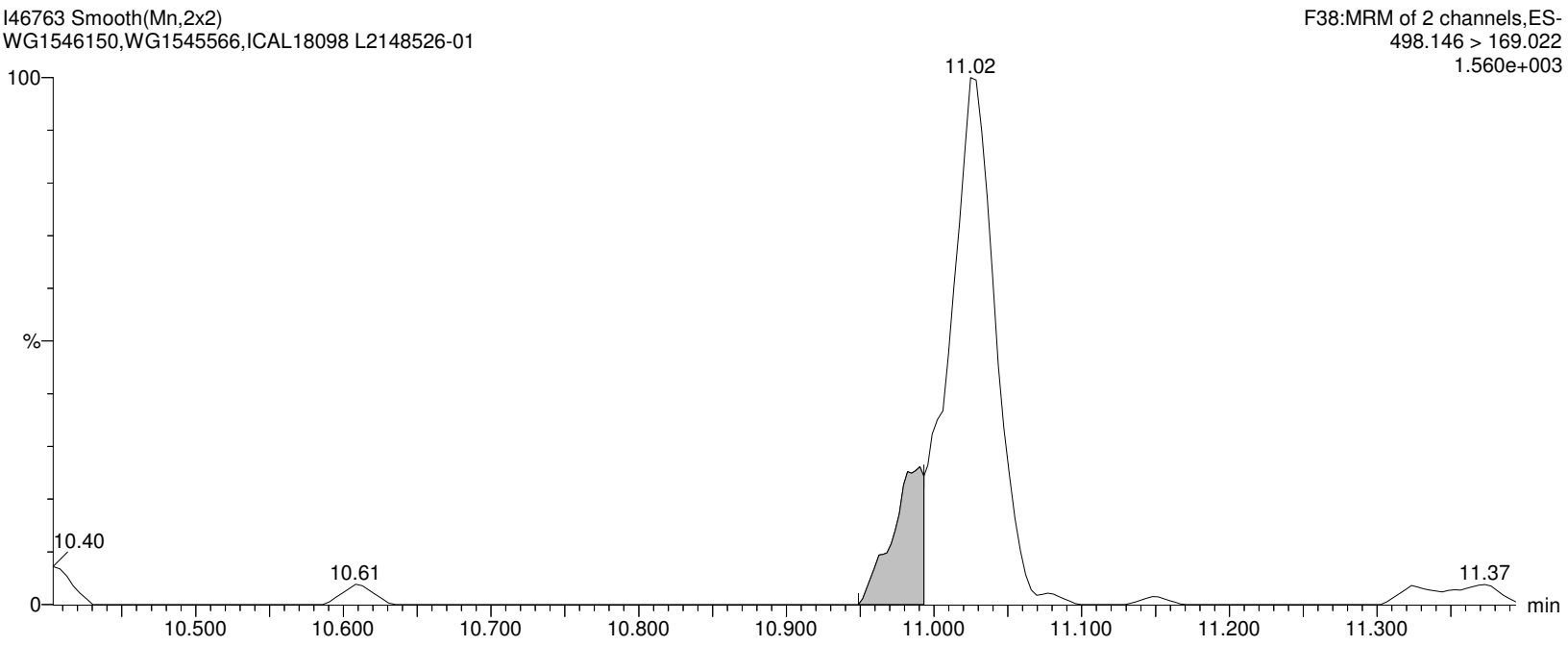
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:54 Eastern Daylight Time

Name: I46763
ID: L2148526-01
Date: 15-Sep-2021
Time: 04:52:38
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

FOSA



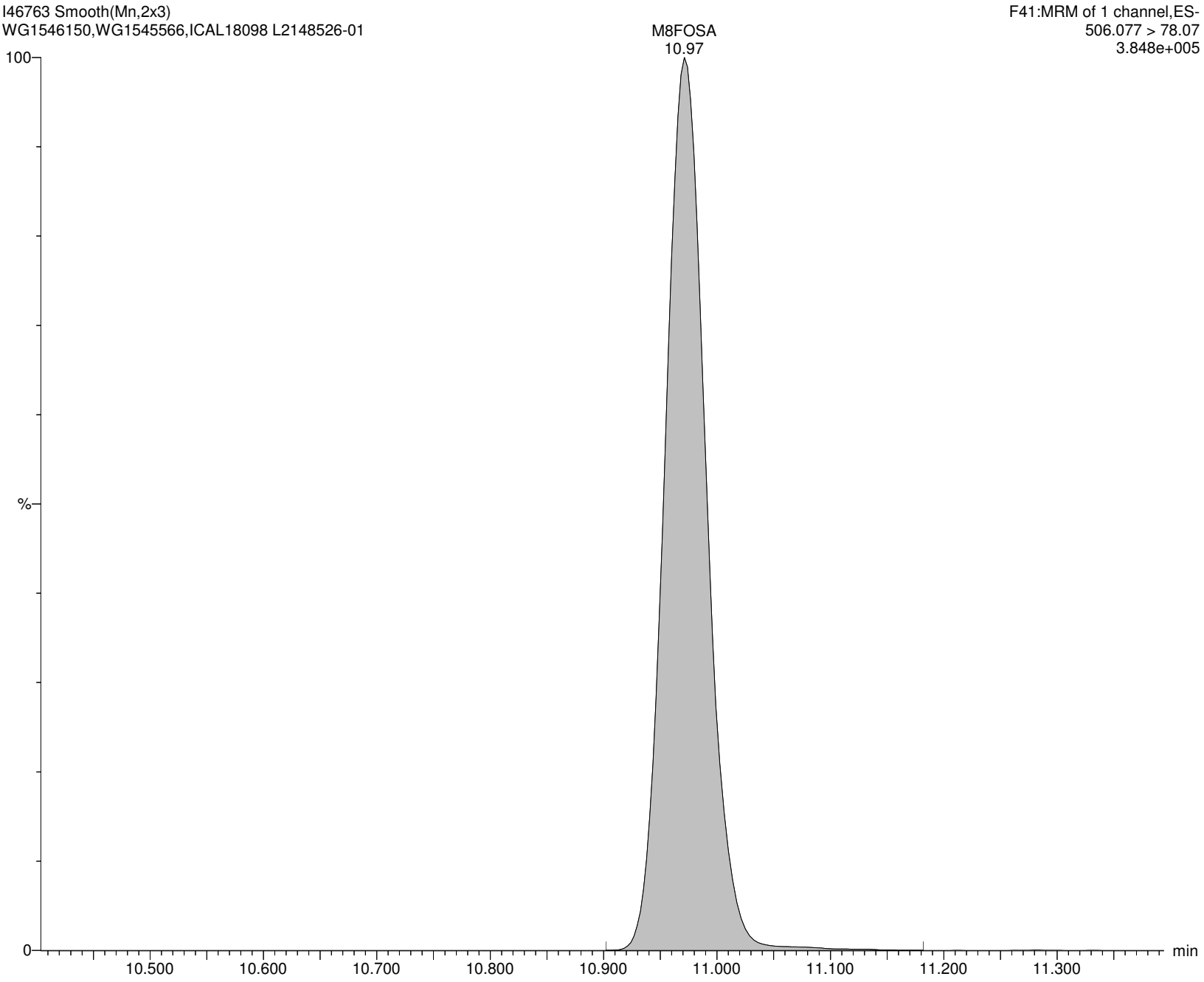


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:54 Eastern Daylight Time

Name: I46763
ID: L2148526-01
Date: 15-Sep-2021
Time: 04:52:38
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8FOSA

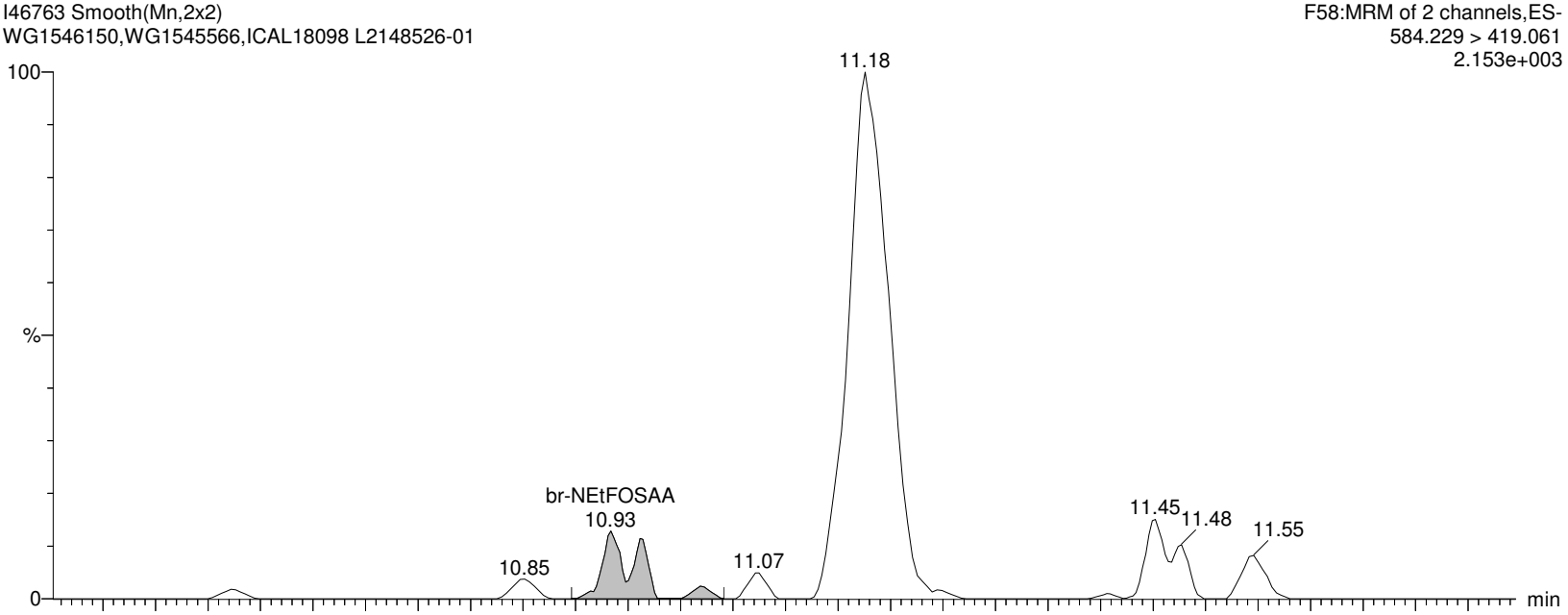


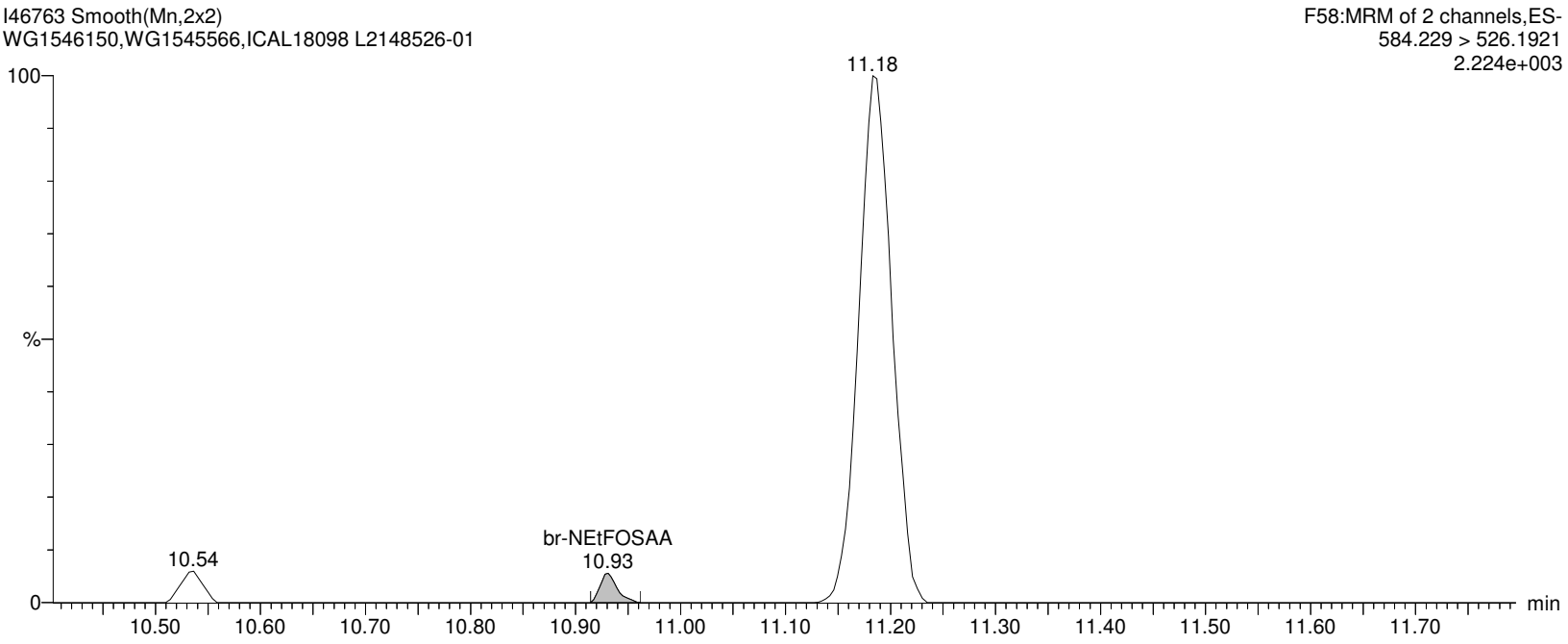
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:54 Eastern Daylight Time

Name: I46763
ID: L2148526-01
Date: 15-Sep-2021
Time: 04:52:38
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NEtFOSAA



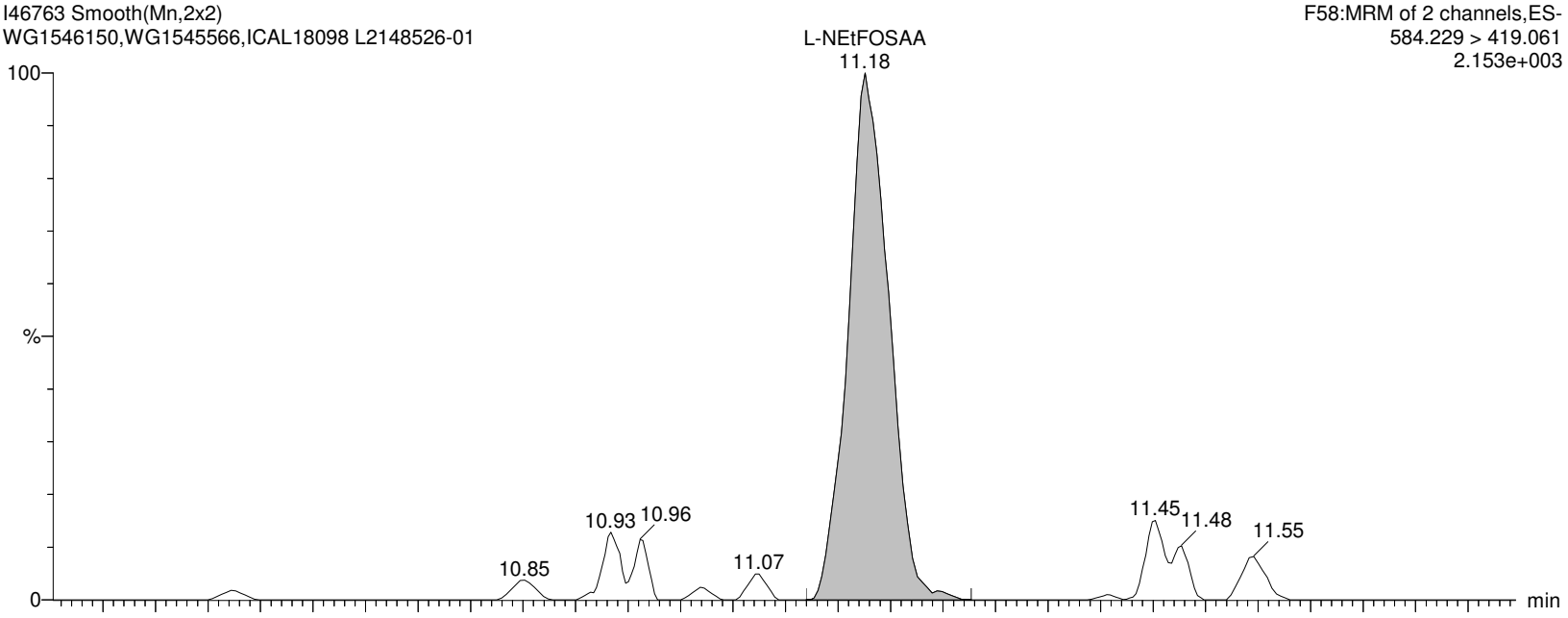


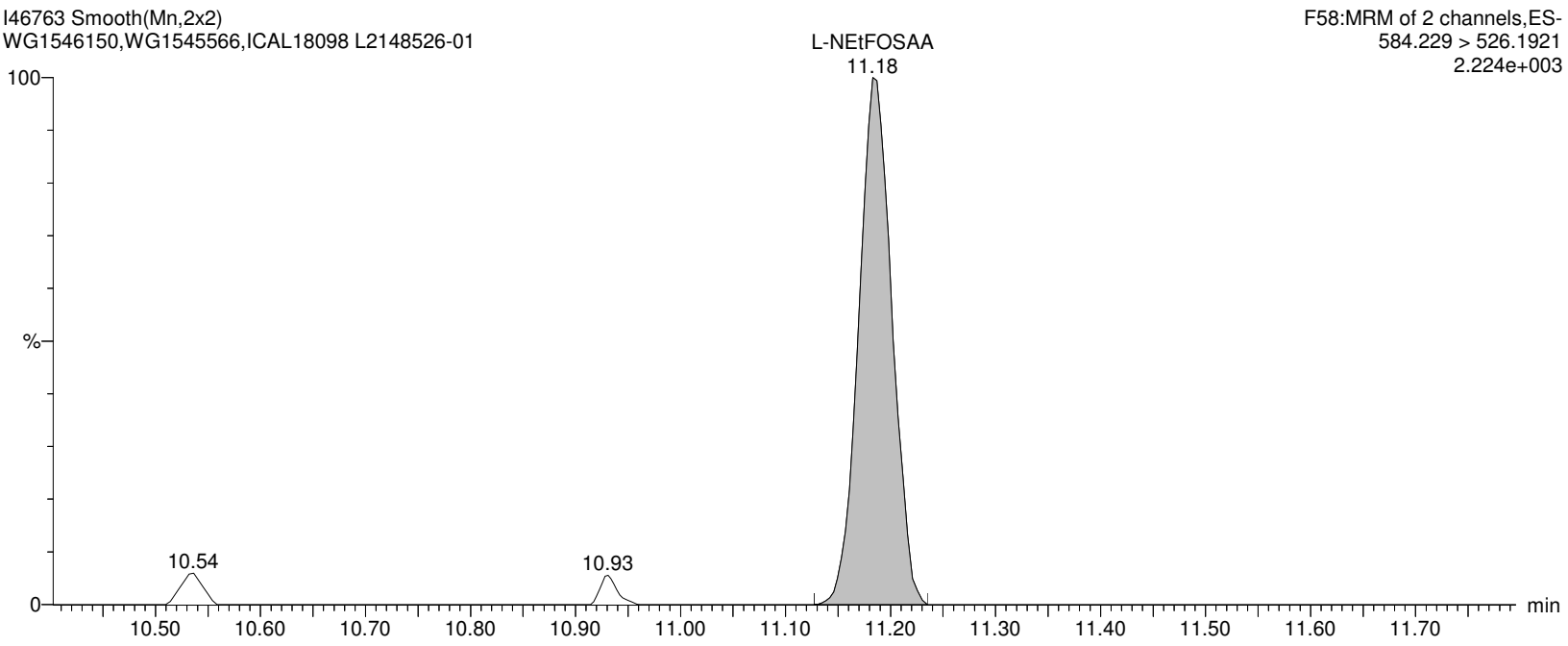
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:54 Eastern Daylight Time

Name: I46763
ID: L2148526-01
Date: 15-Sep-2021
Time: 04:52:38
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NEtFOSAA



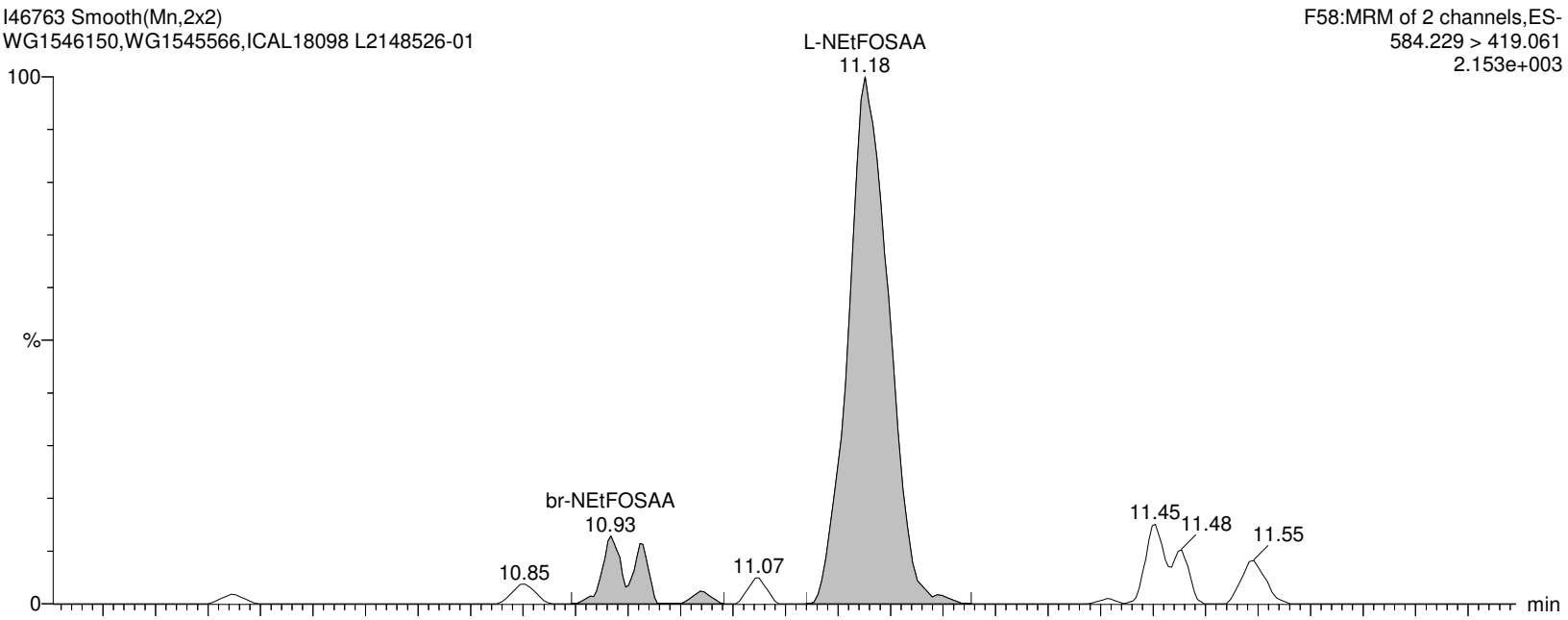


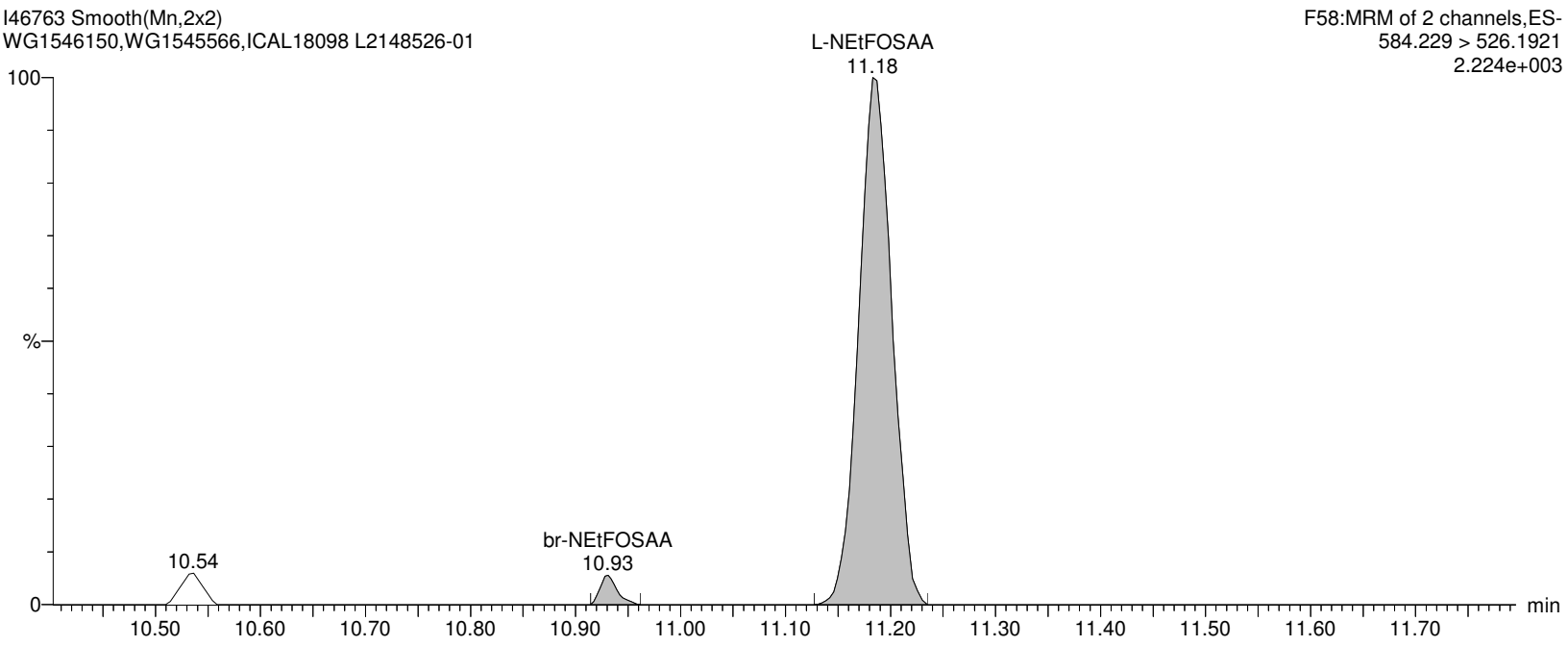
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:54 Eastern Daylight Time

Name: I46763
ID: L2148526-01
Date: 15-Sep-2021
Time: 04:52:38
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSAA



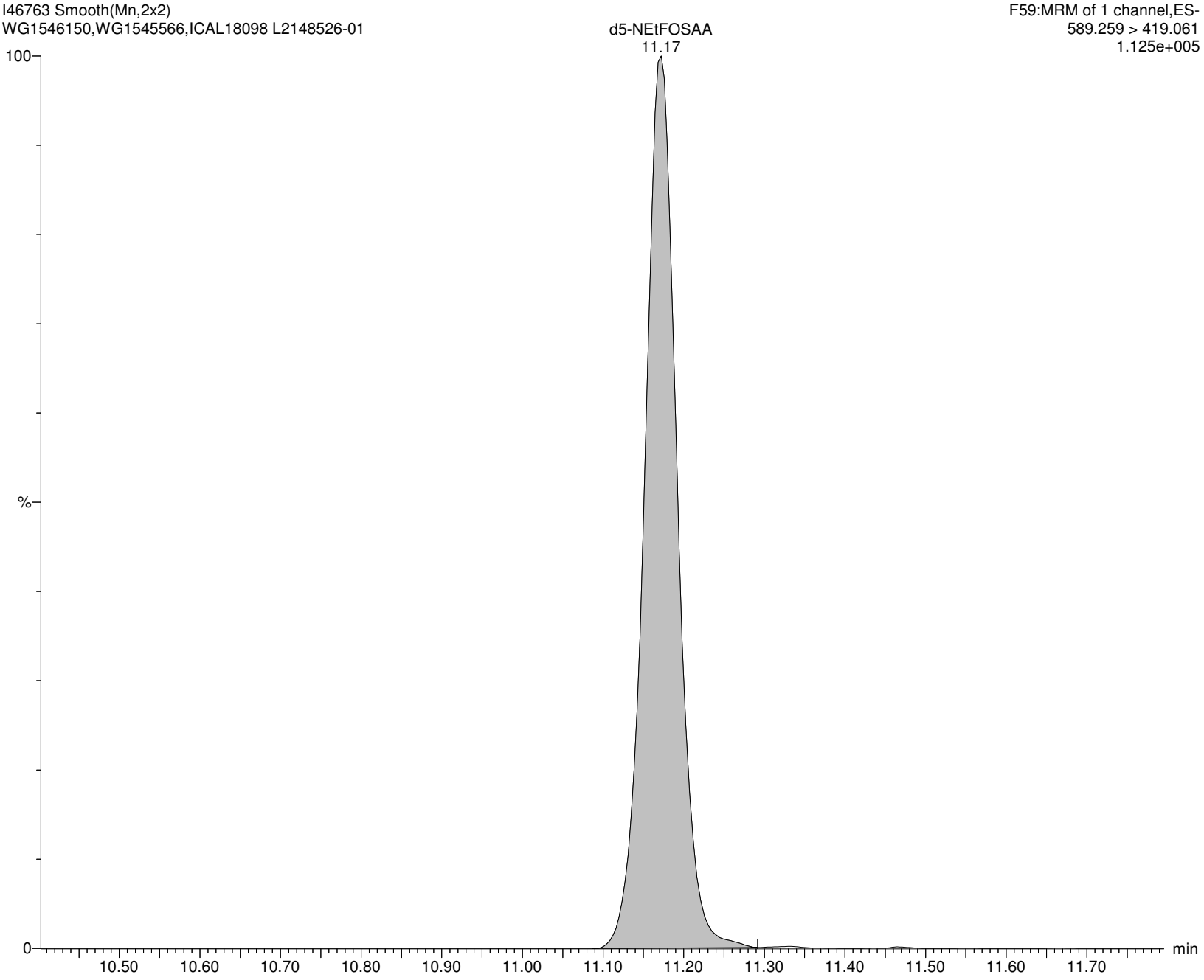


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:54 Eastern Daylight Time

Name: I46763
ID: L2148526-01
Date: 15-Sep-2021
Time: 04:52:38
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSAA

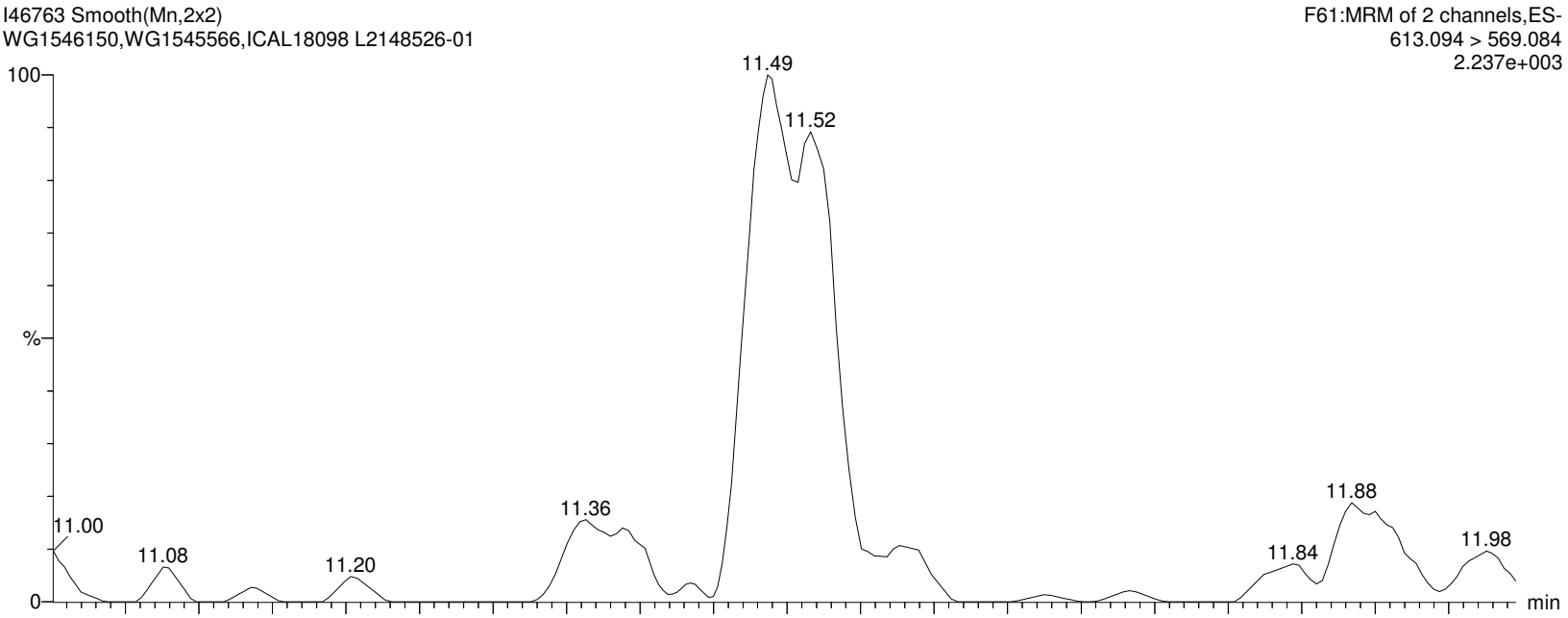


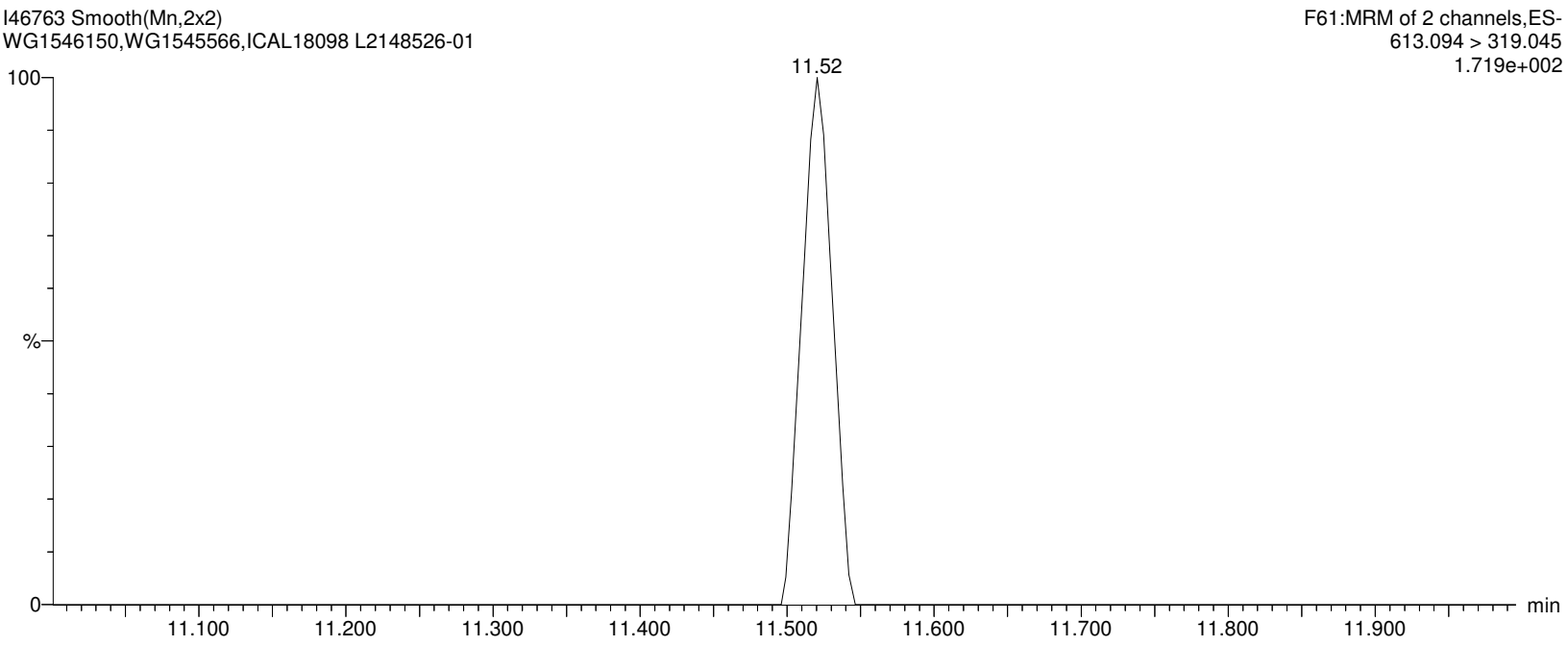
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:54 Eastern Daylight Time

Name: I46763
ID: L2148526-01
Date: 15-Sep-2021
Time: 04:52:38
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoA



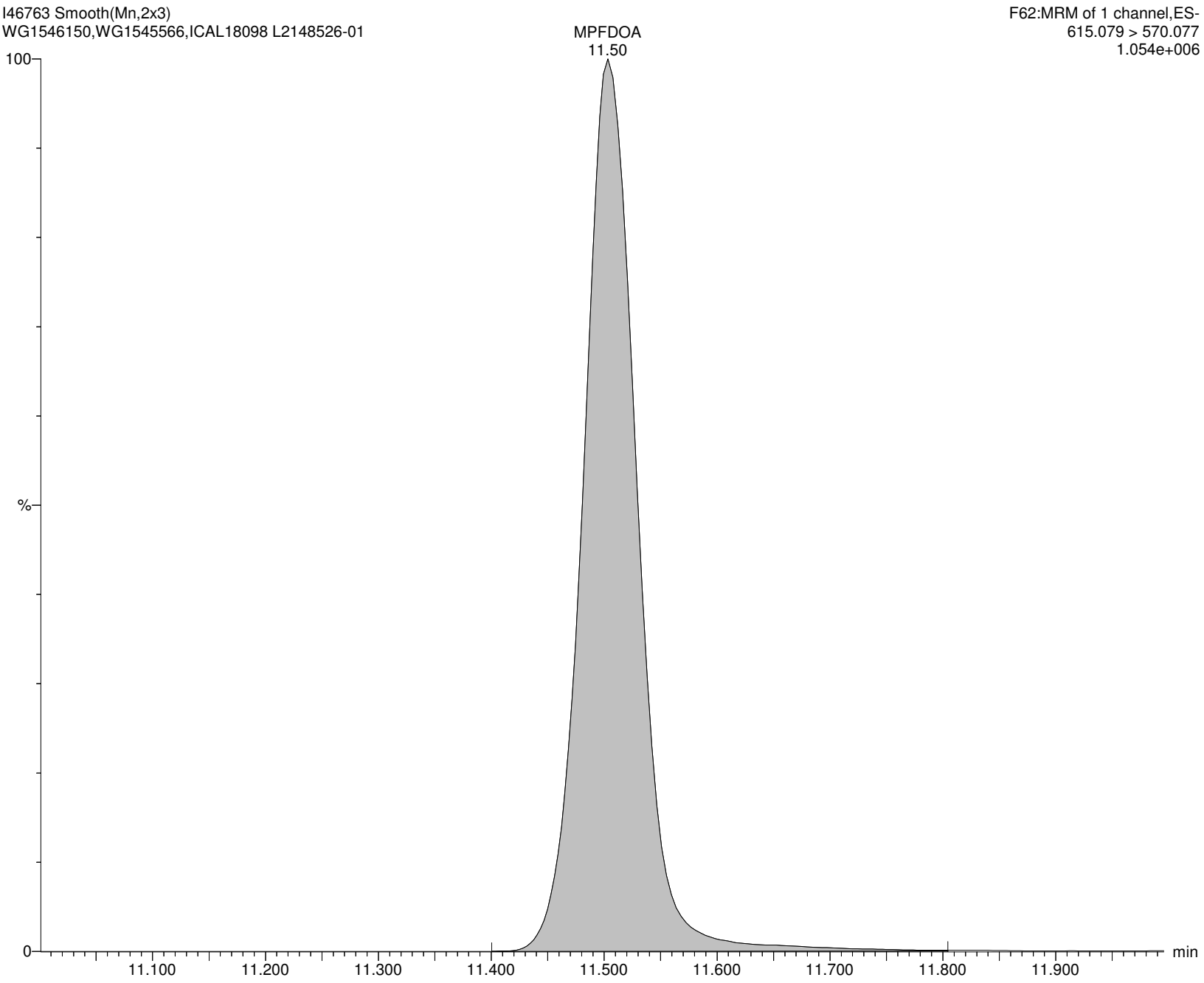


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:54 Eastern Daylight Time

Name: I46763
ID: L2148526-01
Date: 15-Sep-2021
Time: 04:52:38
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFDOA

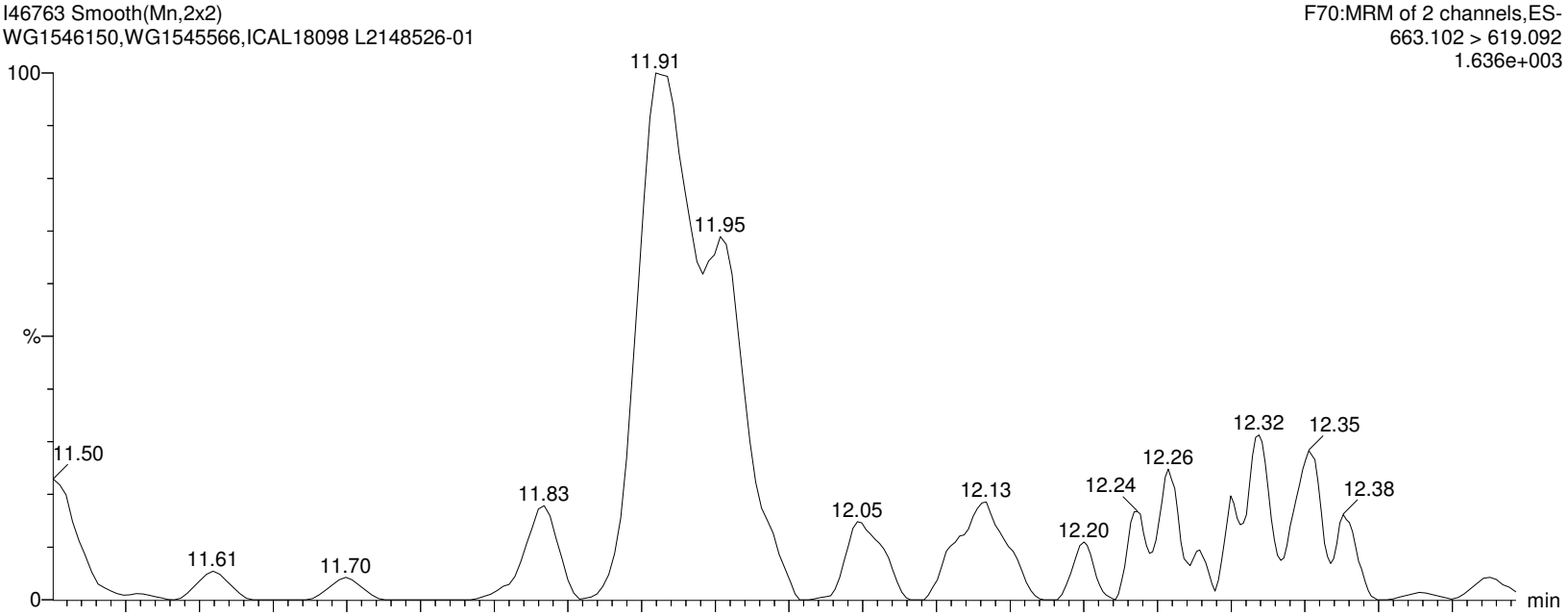


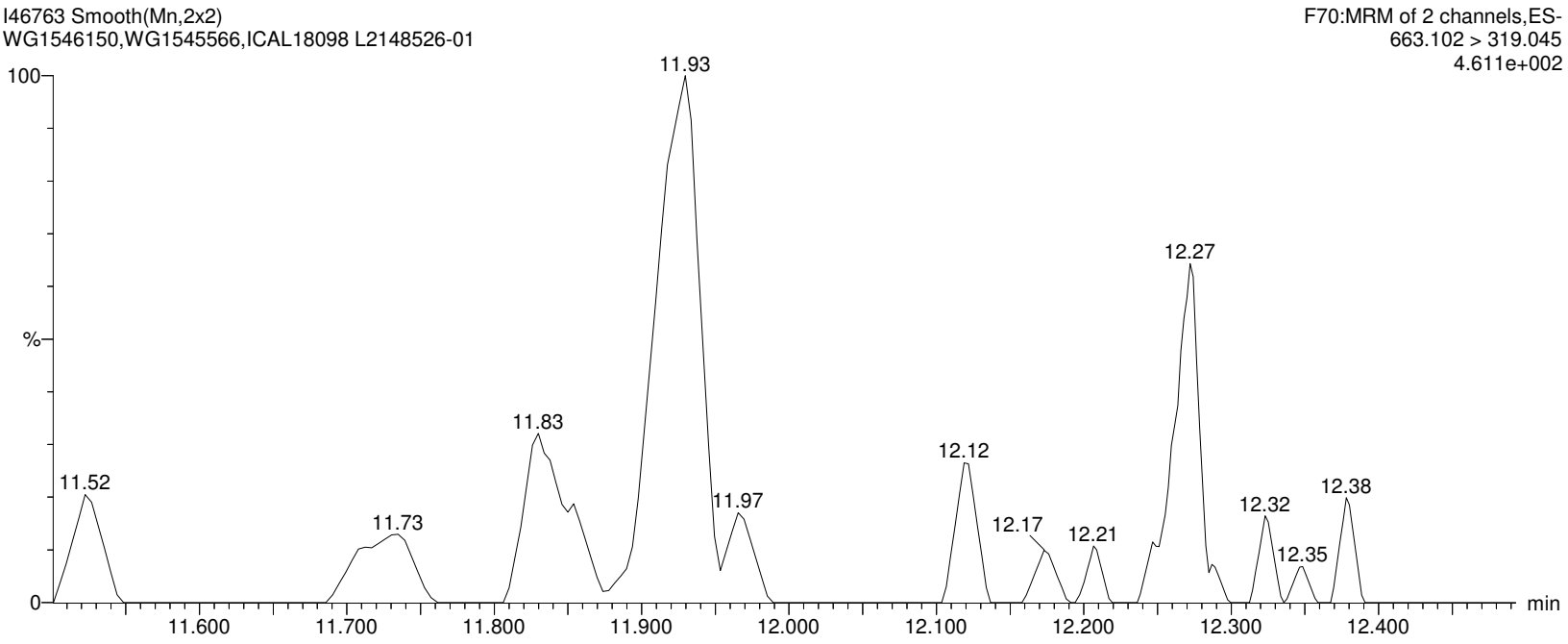
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:54 Eastern Daylight Time

Name: I46763
ID: L2148526-01
Date: 15-Sep-2021
Time: 04:52:38
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTrDA



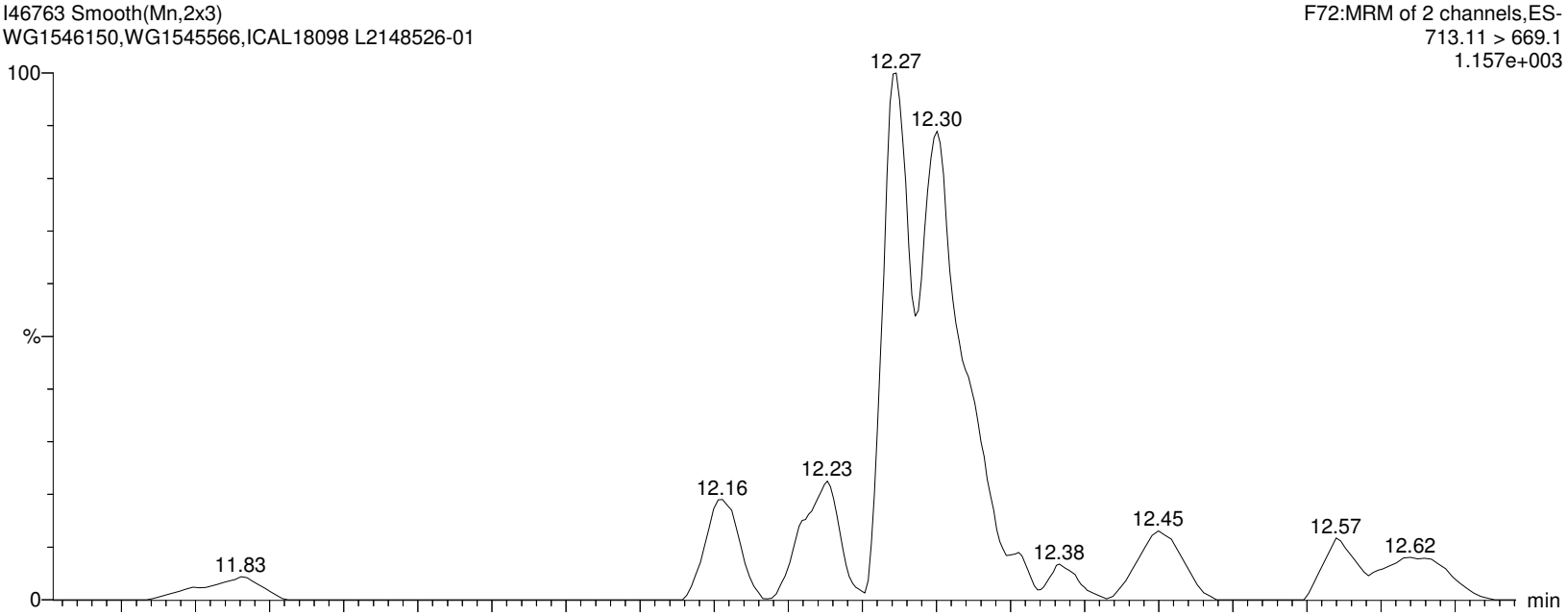


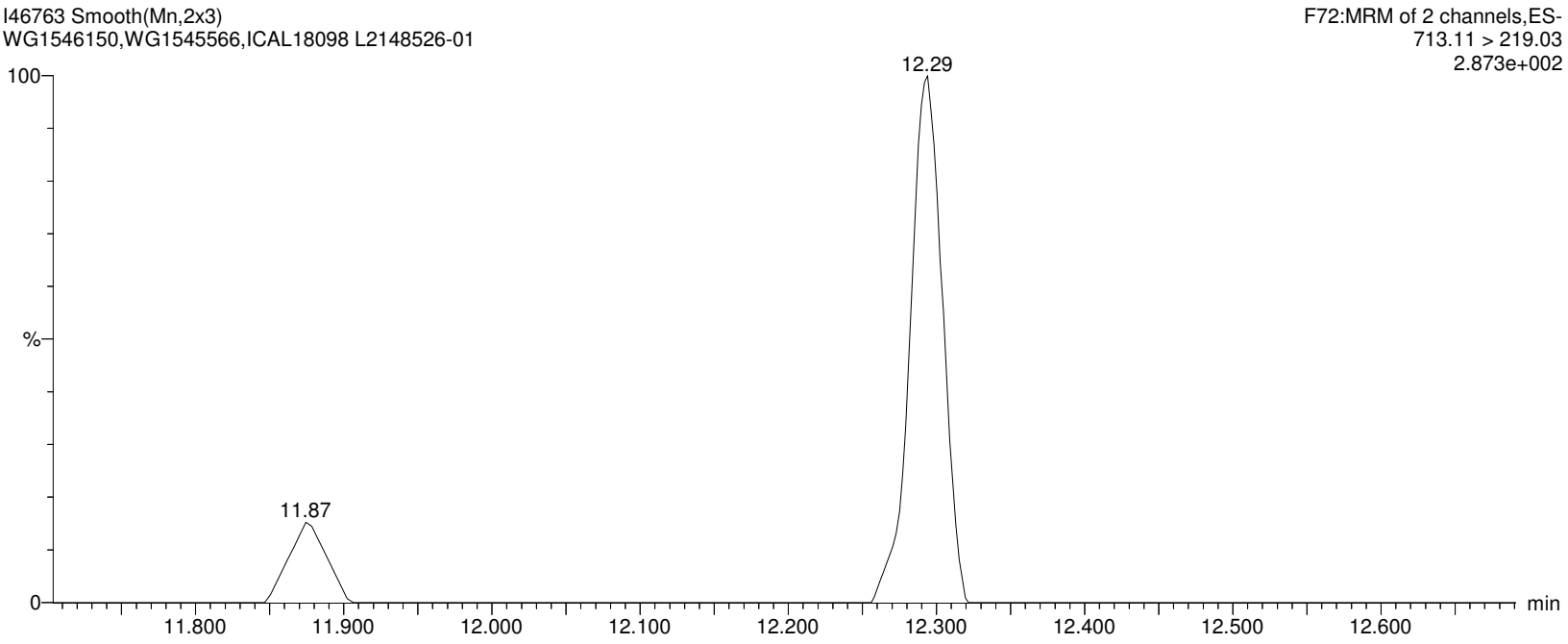
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:54 Eastern Daylight Time

Name: I46763
ID: L2148526-01
Date: 15-Sep-2021
Time: 04:52:38
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTA



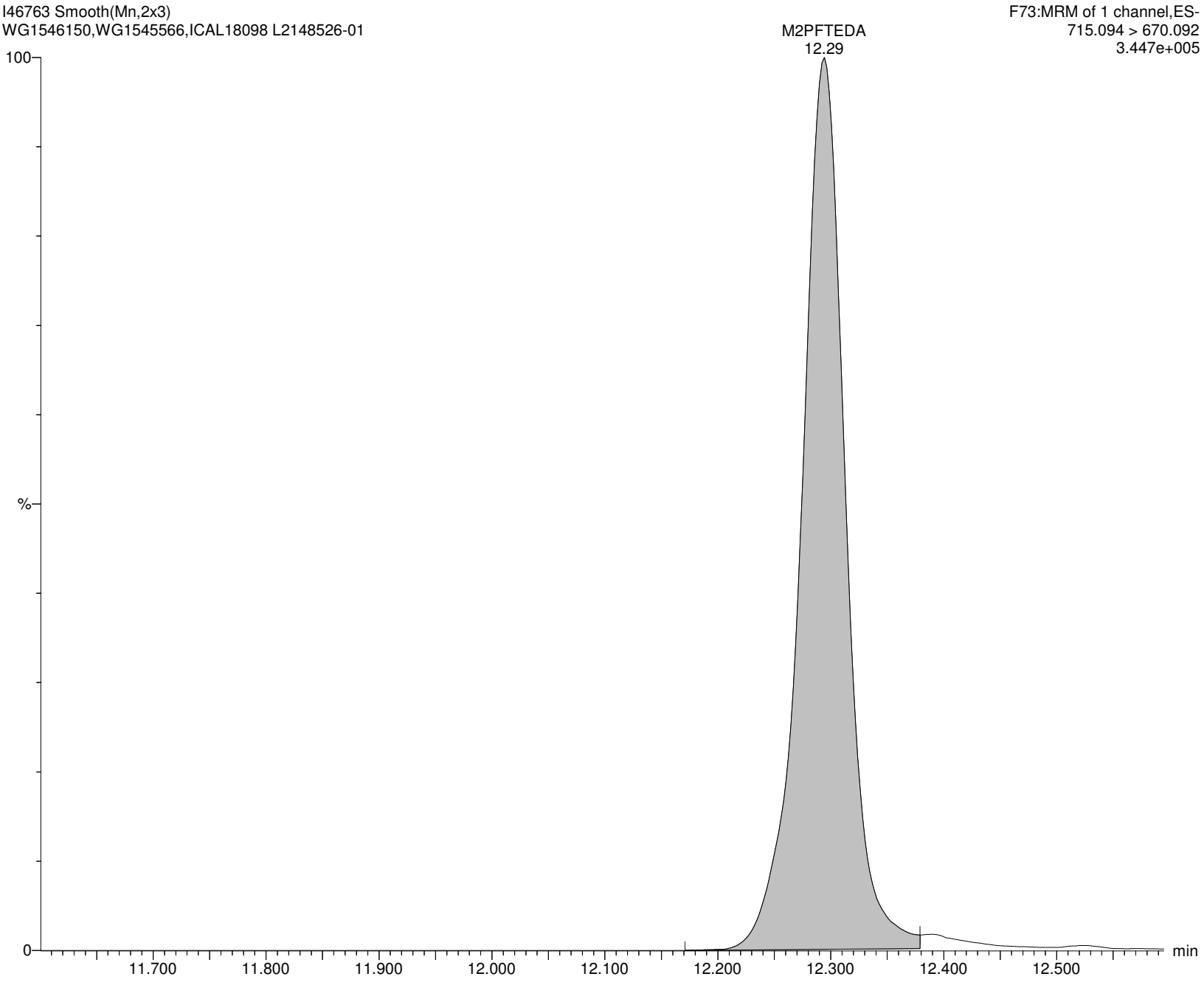


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:54 Eastern Daylight Time

Name: I46763
ID: L2148526-01
Date: 15-Sep-2021
Time: 04:52:38
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFTEDA



all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:58 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210914_537ISO.PRO\MethDB\537ISO_Q_210625_TOP_RT2.mdb 03 Sep 2021 08:44:20
Calibration: C:\MassLynx\Data\2021\210914_537ISO.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

ID: L2148526-02
Name: I46765
Date: 15-Sep-2021
Time: 05:25:47
Description: WG1546150,WG1545566,ICAL18098
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:SG
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.09	213.032 > 169.022	336		0.093		na	
2	M3PFBA	INT STD	2.09	216.009 > 171.999	45051		8.581		na	85.8
3	MPFBA	INT STD	2.09	217.001 > 171.999	40409		8.342		na	83.4
4	PFPeA	2706-90-3	4.98	263.039 > 219.03	260		0.063		na	
5	M5PFPEA	INT STD	4.99	268.001 > 222.999	43720		8.225		na	82.2
6	PFBS	375-73-5		299.092 > 80.062			ND		YES	
7	M3PFBS	INT STD	5.64	302.069 > 80.062	11399		9.479		na	94.8
8	4:2FTS	757124-72-4		327.146 > 307.139			ND		YES	
9	M2-4:2FTS	INT STD	6.81	329.13 > 309.124	5882		12.206		na	122.1
10	PFHxA	307-24-4	6.89	313.047 > 269.037	379	M7	0.074	13.14	NO	
11	M5PFHxA	INT STD	6.88	318.009 > 273.007	48076		8.756		na	87.6
12	PFPeS	2706-91-4		349.1 > 80.062			ND		YES	
13	PFHpA	375-85-9	8.15	363.055 > 319.045	334	M4	0.047	6.65	NO	
14	M4PFHpA	INT STD	8.15	367.025 > 322.022	69693		8.513		na	85.1
15	br-PFHxS	355-46-4		399.107 > 80.062			ND		YES	
16	L-PFHxS	355-46-4		399.107 > 80.062			ND		YES	
17	PFHxS	355-46-4		399.107 > 80.062	0		ND		na	
18	M3PFHxS	INT STD	8.32	402.084 > 80.062	13785		10.108		na	101.1
19	br-PFOA	335-67-1	8.87	413.063 > 369.053	281	M5,M7	0.039	3.23	NO	
20	L-PFOA	335-67-1	9.10	413.063 > 369.053	1269		0.174	9.09	NO	
21	PFOA	335-67-1		413.063 > 369.053	1551		0.213		na	
22	M8PFOA	INT STD	9.09	421.002 > 376.	75672		8.300		na	83.0
23	M2PFOA	INT STD	9.10	415.048 > 370.045	89797		8.479		na	84.8
24	6:2FTS	27619-97-2		427.161 > 407.155			ND		YES	
25	M2-6:2FTS	INT STD	9.06	429.146 > 409.14	4821		9.744		na	97.4
26	PFHpS	375-92-8		449.115 > 80.062			ND		YES	
27	PFNA	375-95-1		463.071 > 419.061			ND		YES	
28	M9PFNA	INT STD	9.85	472.002 > 427.	21797		8.323		na	83.2
29	br-PFOS	1763-23-1	9.66	499.123 > 80.062	223	M5,M7	0.162	1.99	YES	
30	L-PFOS	1763-23-1	9.90	499.123 > 80.062	66	M7	0.059	1.32	NO	
31	PFOS	1763-23-1		499.123 > 80.062	289		0.222		na	
32	M4PFOS	INT STD	9.91	503.093 > 80.062	10899		9.630		na	96.3
33	M8PFOS	INT STD	9.91	507.062 > 80.062	12678		10.381		na	103.8
34	PFDA	335-76-2	10.49	513.078 > 469.069	109	M7	0.021	20.39	YES	
35	M2PFDA	INT STD	10.48	515.053 > 469.934	53575		8.783		na	87.8
36	M6PFDA	INT STD	10.48	519.033 > 474.03	51318		8.439		na	84.4
37	8:2FTS	39108-34-4		527.177 > 507.171			ND		YES	
38	M2-8:2FTS	INT STD	10.48	529.162 > 509.155	3760		10.339		na	103.4
39	PFNS	68259-12-1		549.131 > 80.062			ND		YES	

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:58 Eastern Daylight Time

ID: L2148526-02
Name: I46765
Date: 15-Sep-2021
Time: 05:25:47
Description: WG1546150,WG1545566,ICAL18098
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:SG
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.88	573.22 > 419.061	3440		6.002		na	60.0
41	br-NMeFOSAA			570.202 > 419.061			ND		YES	
42	L-NMeFOSAA		10.89	570.202 > 419.061	33		0.088	2.85	NO	
43	NMeFOSAA	2355-31-9		570.202 > 419.061	33		0.088		na	
44	PFUnA	2058-94-8		563.086 > 519.076			ND		YES	
45	M7-PFUDA	INT STD	11.03	570.033 > 525.031	48628		8.575		na	85.7
46	PFDS	335-77-3		599.139 > 80.062			ND		YES	
47	FOSA	754-91-6		498.146 > 78.07			ND		YES	
48	M8FOSA	INT STD	10.96	506.077 > 78.07	8409		2.554		na	25.5
49	br-NEtFOSAA			584.229 > 419.061			ND		YES	
50	L-NEtFOSAA			584.229 > 419.061			ND		YES	
51	NEtFOSAA	2991-50-6		584.229 > 419.061	0		ND		na	
52	d5-NEtFOSAA	INT STD	11.17	589.259 > 419.061	3030		6.397		na	64.0
53	PFDoA	307-55-1		613.094 > 569.084			ND		YES	
54	MPFDOA	INT STD	11.51	615.079 > 570.077	46647		8.526		na	85.3
55	PFTrDA	72629-94-8		663.102 > 619.092			ND		YES	
56	PFTA	376-06-7		713.11 > 669.1			ND		YES	
57	M2PFTEDA	INT STD	12.29	715.094 > 670.092	13400		7.808		na	78.1

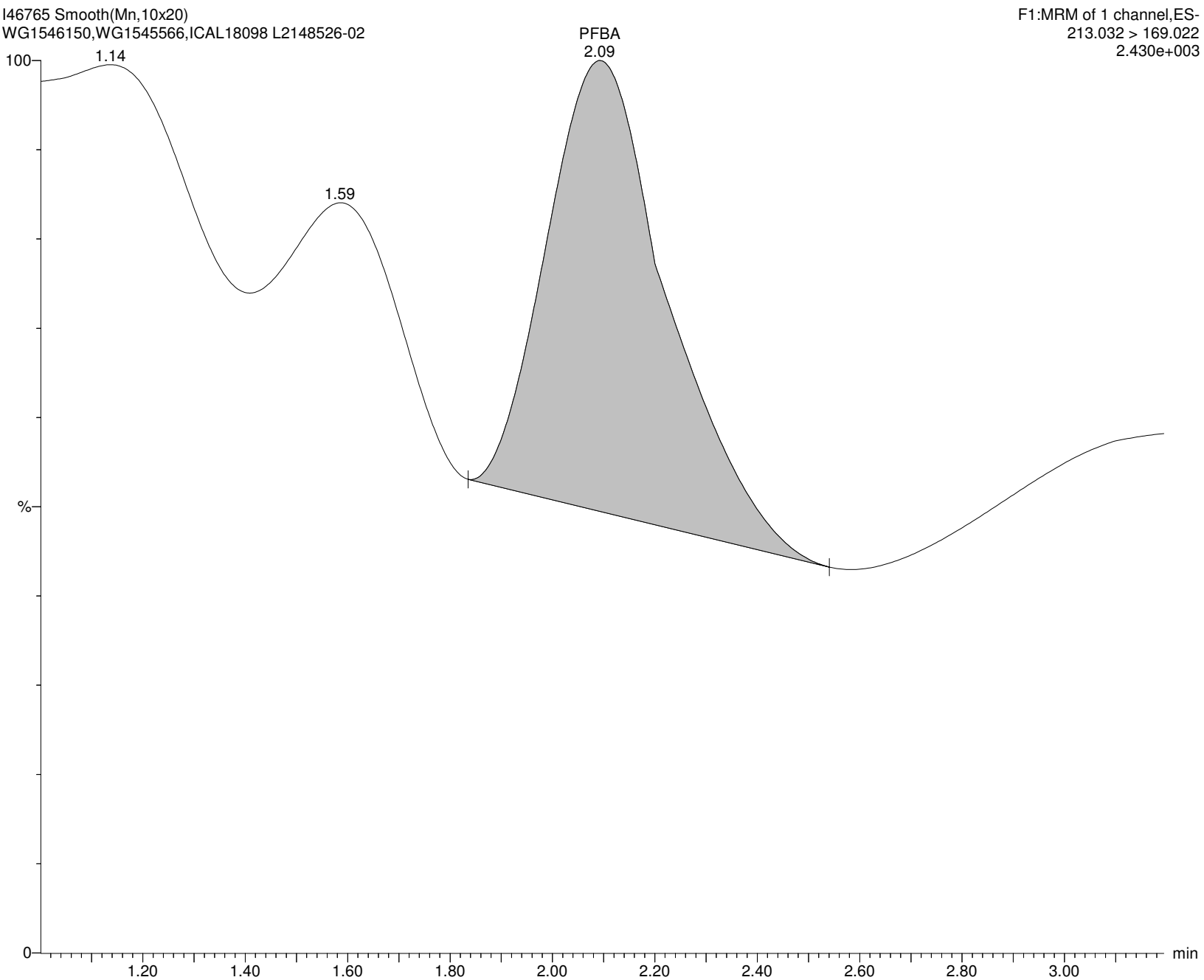
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:58 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210914_537ISO.PRO\MethDB\537ISO_Q_210625_TOP_RT2.mdb 03 Sep 2021 08:44:20
Calibration: C:\MassLynx\Data\2021\210914_537ISO.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

Name: I46765
ID: L2148526-02
Date: 15-Sep-2021
Time: 05:25:47
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBA

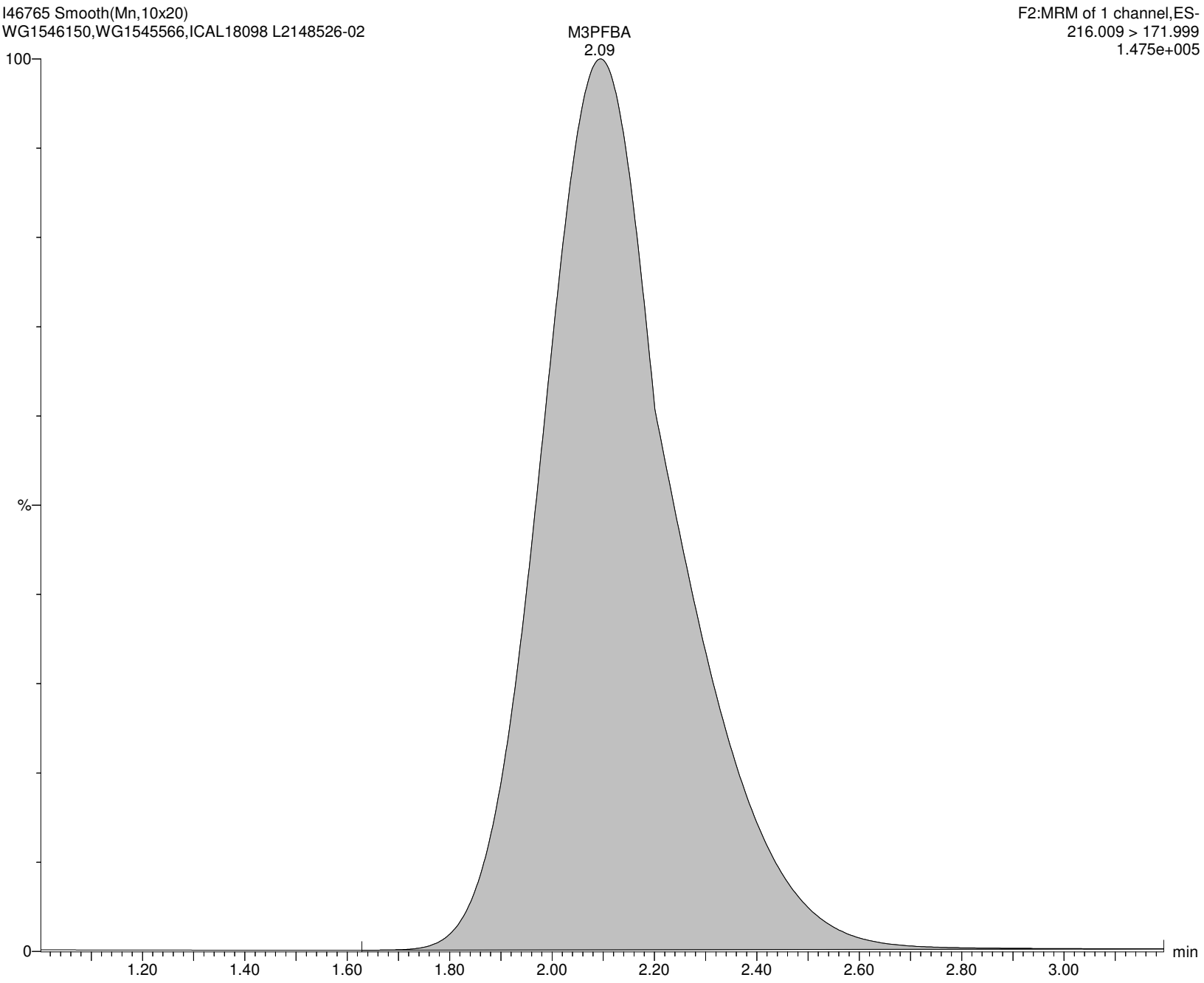


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:58 Eastern Daylight Time

Name: I46765
ID: L2148526-02
Date: 15-Sep-2021
Time: 05:25:47
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBA

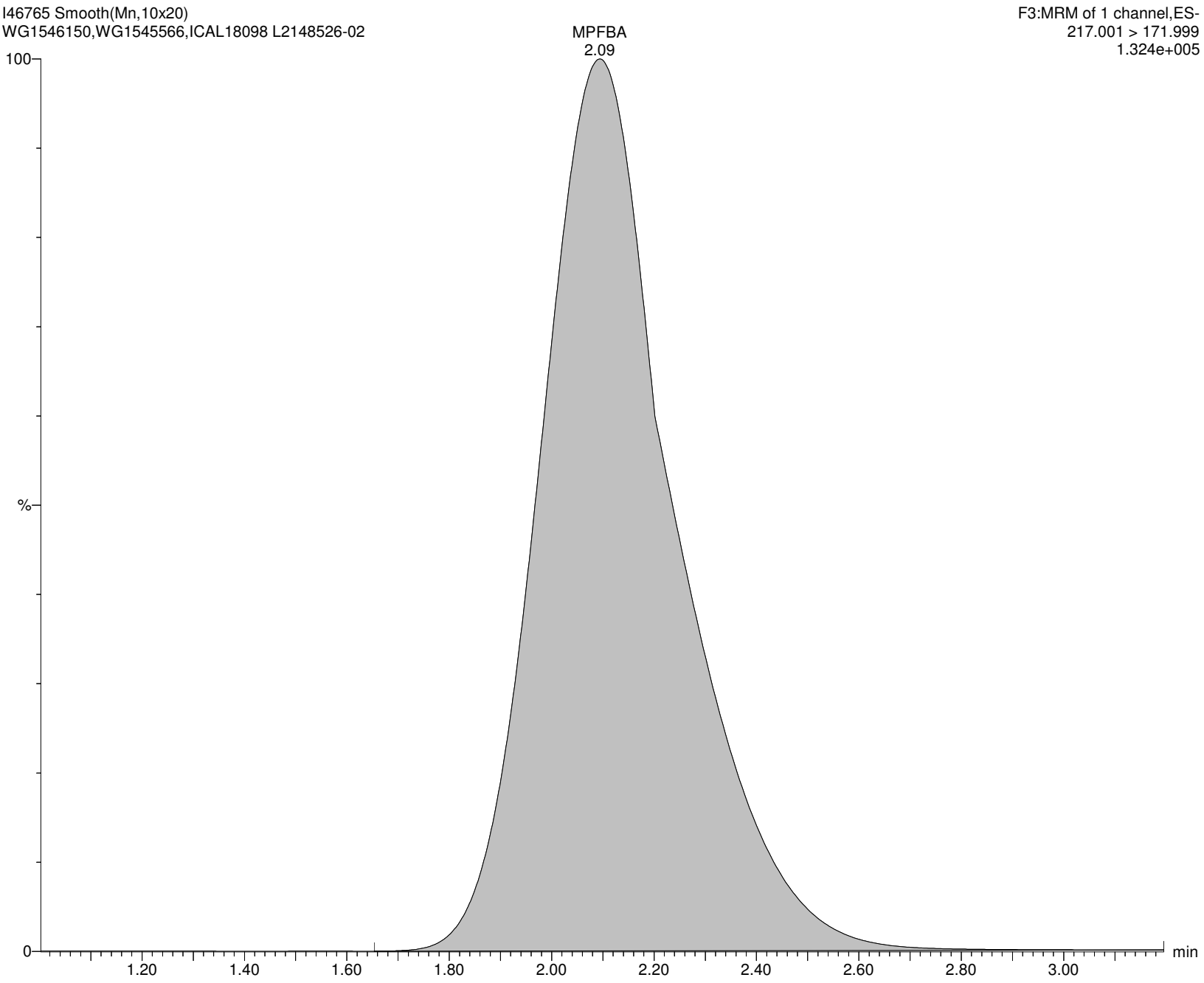


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:58 Eastern Daylight Time

Name: I46765
ID: L2148526-02
Date: 15-Sep-2021
Time: 05:25:47
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFBA

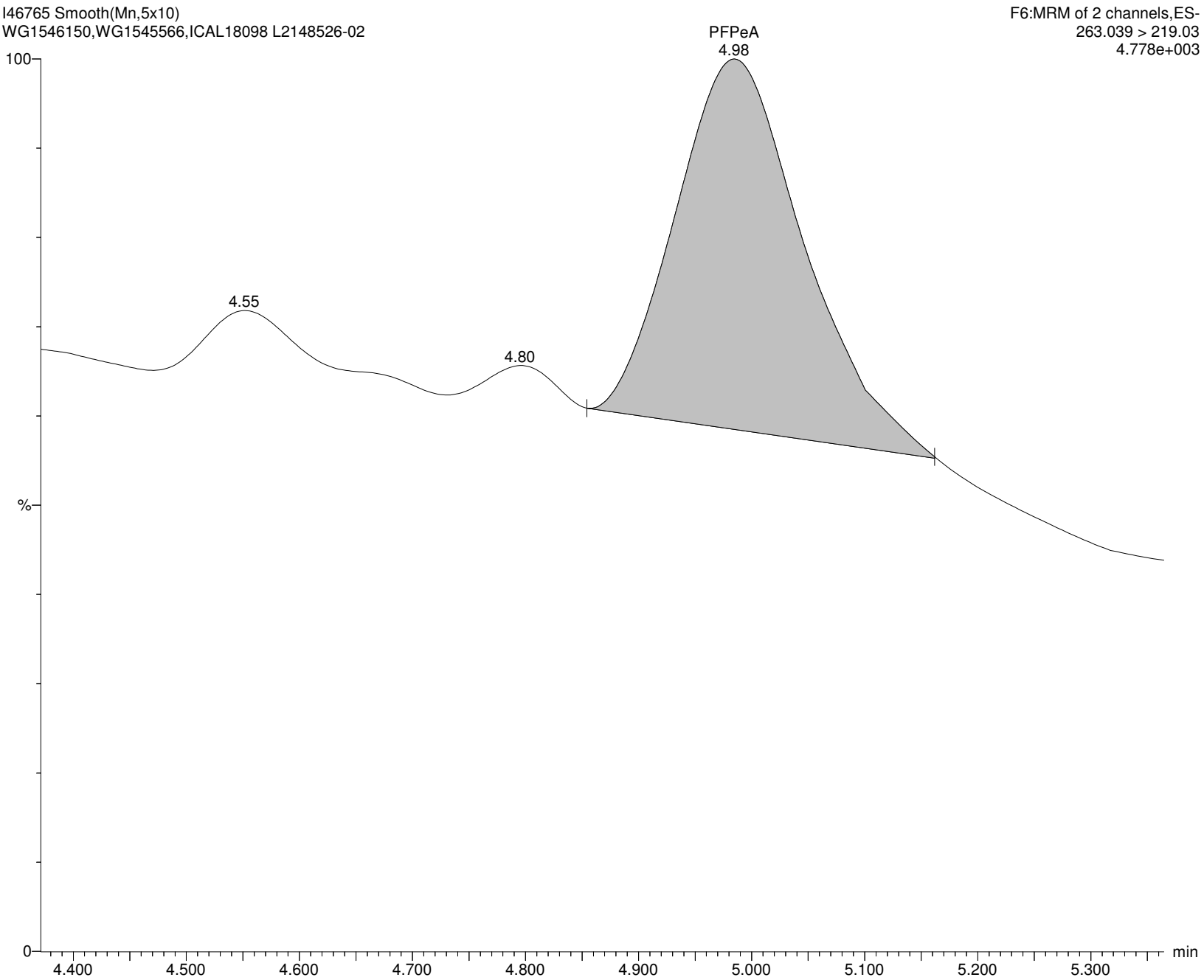


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:58 Eastern Daylight Time

Name: I46765
ID: L2148526-02
Date: 15-Sep-2021
Time: 05:25:47
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeA

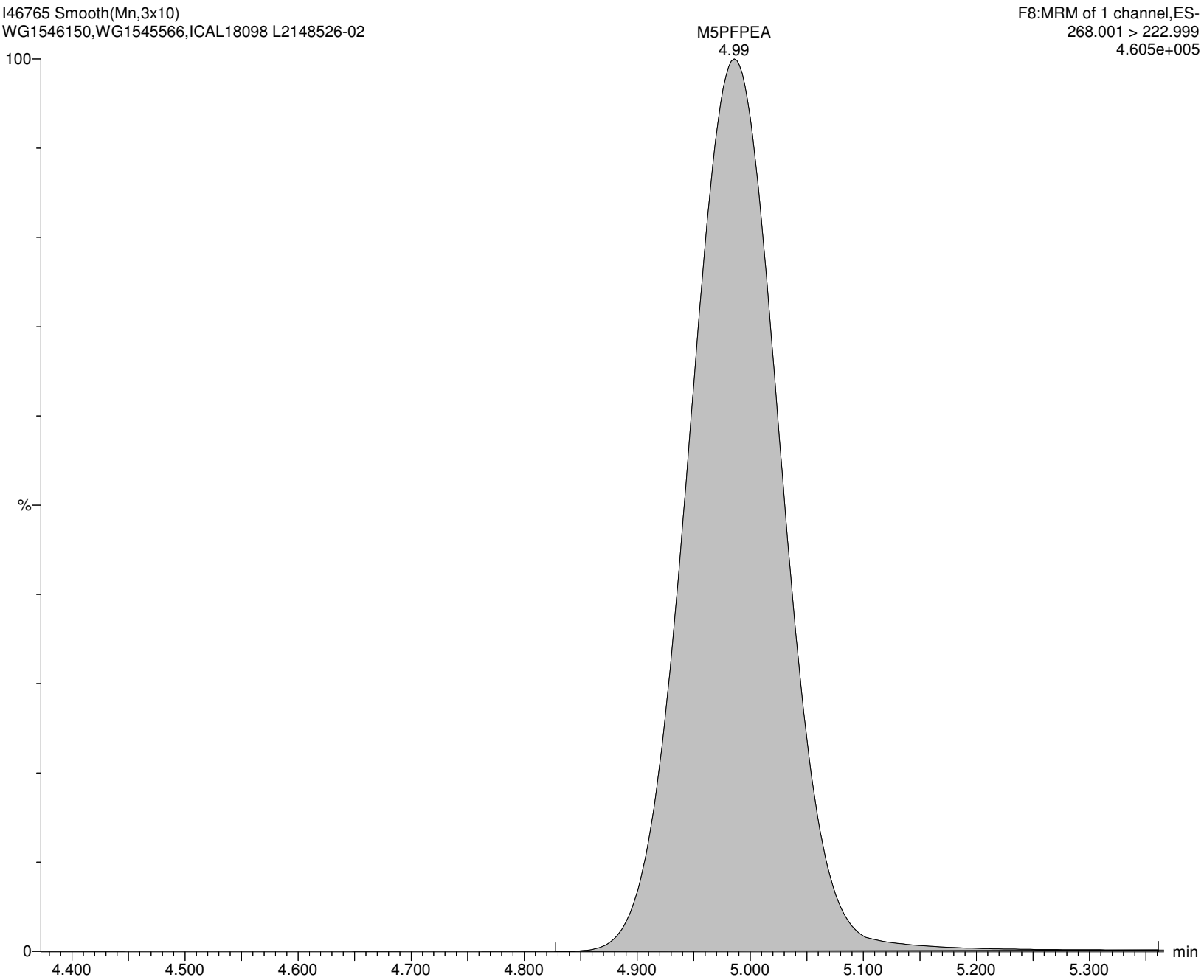


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:58 Eastern Daylight Time

Name: I46765
ID: L2148526-02
Date: 15-Sep-2021
Time: 05:25:47
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFPEA

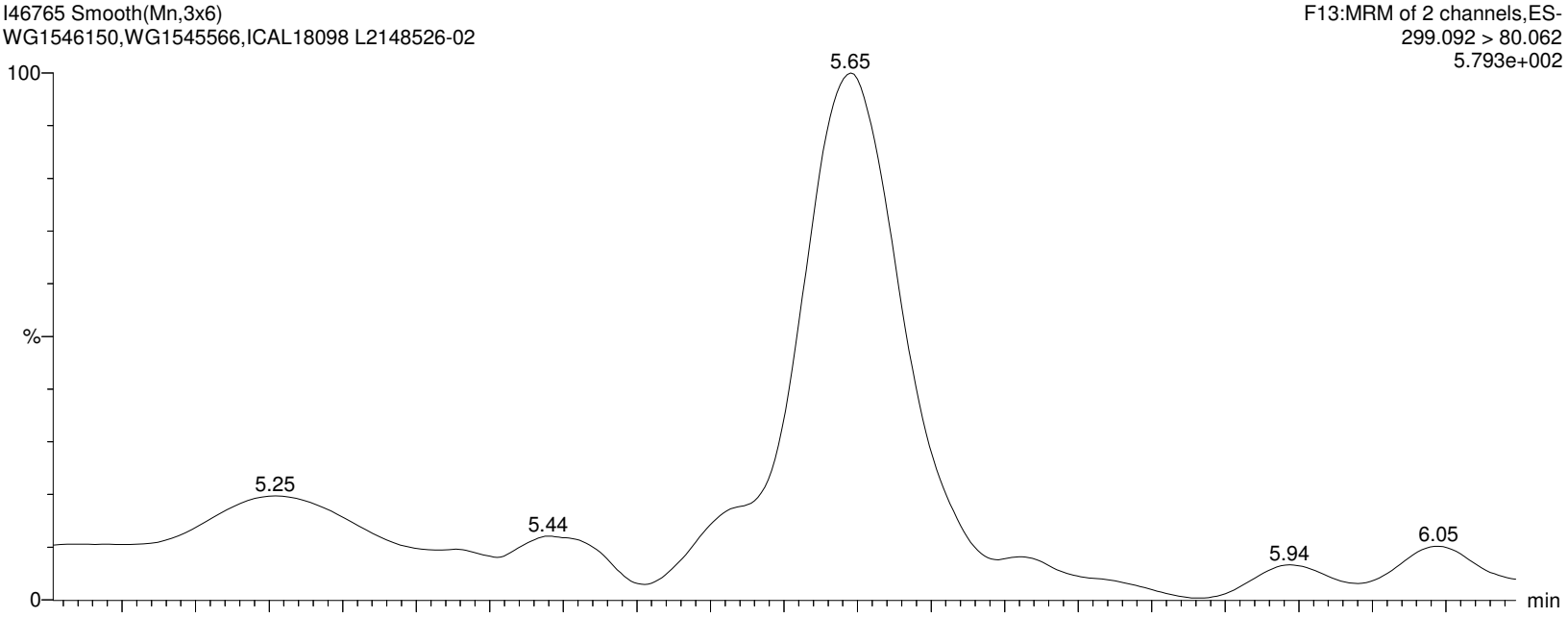


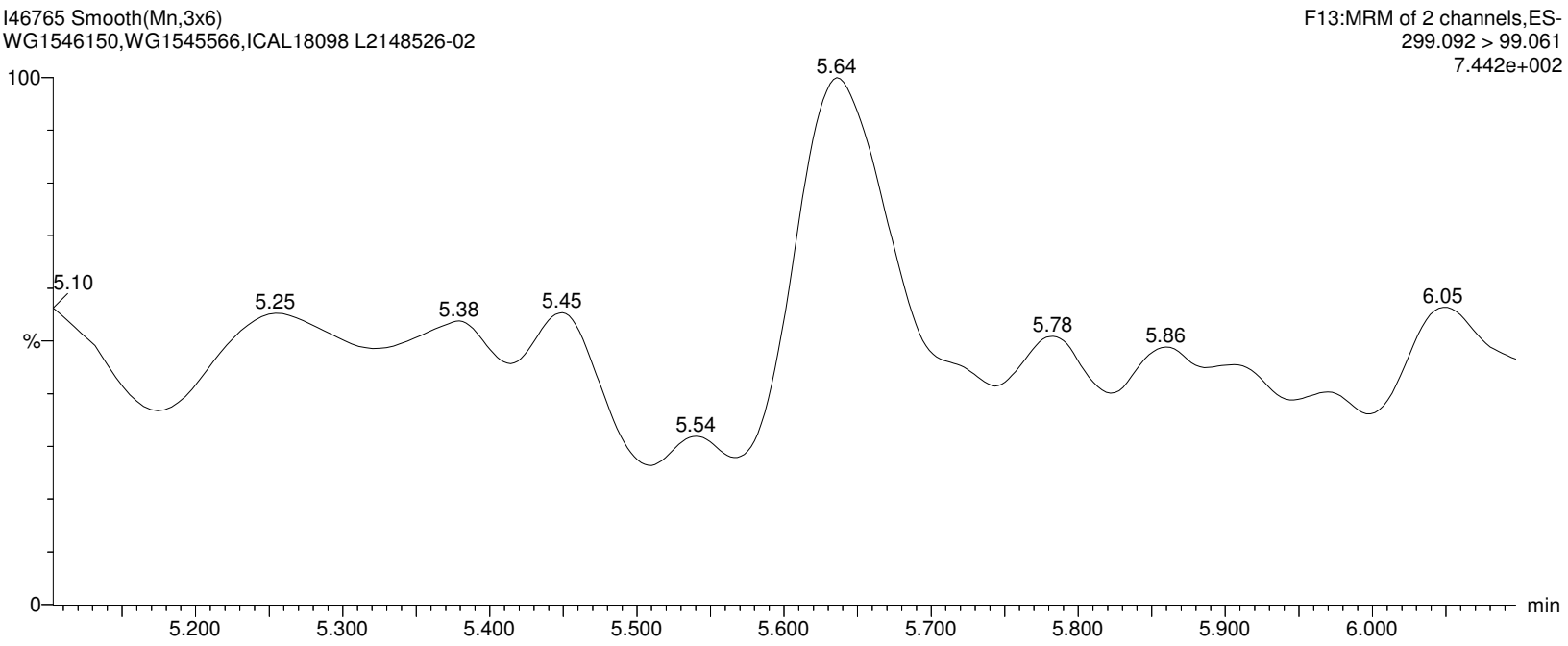
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:58 Eastern Daylight Time

Name: I46765
ID: L2148526-02
Date: 15-Sep-2021
Time: 05:25:47
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBS



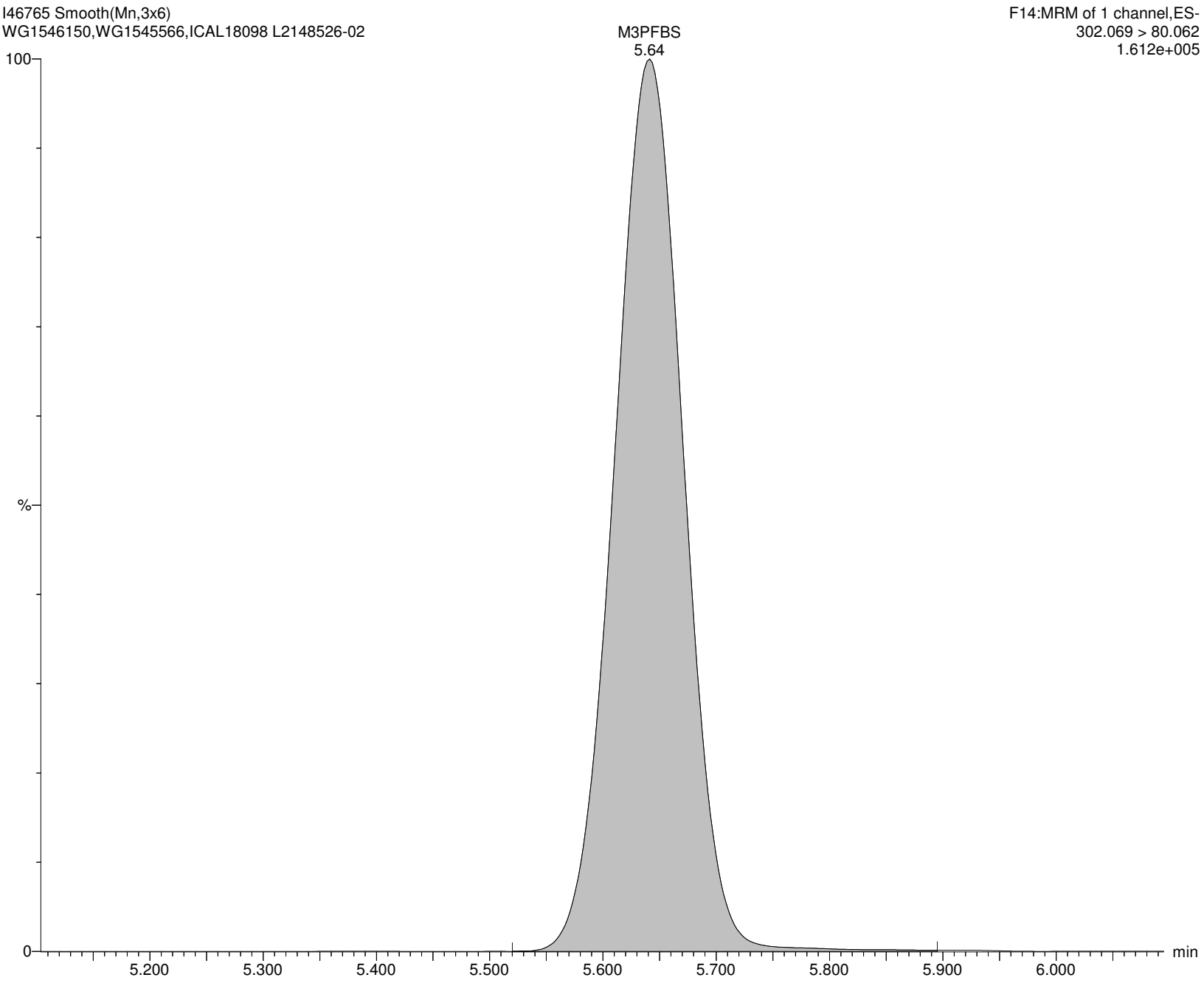


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:58 Eastern Daylight Time

Name: I46765
ID: L2148526-02
Date: 15-Sep-2021
Time: 05:25:47
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBS

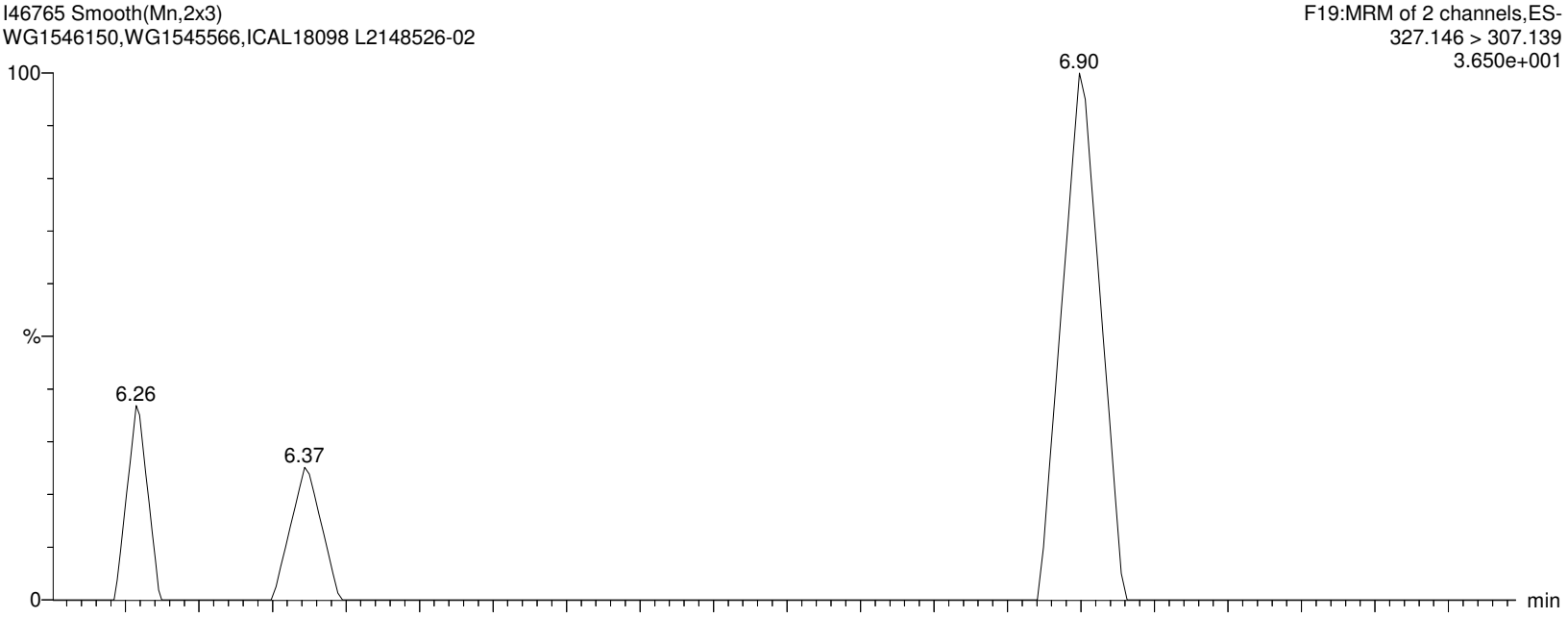


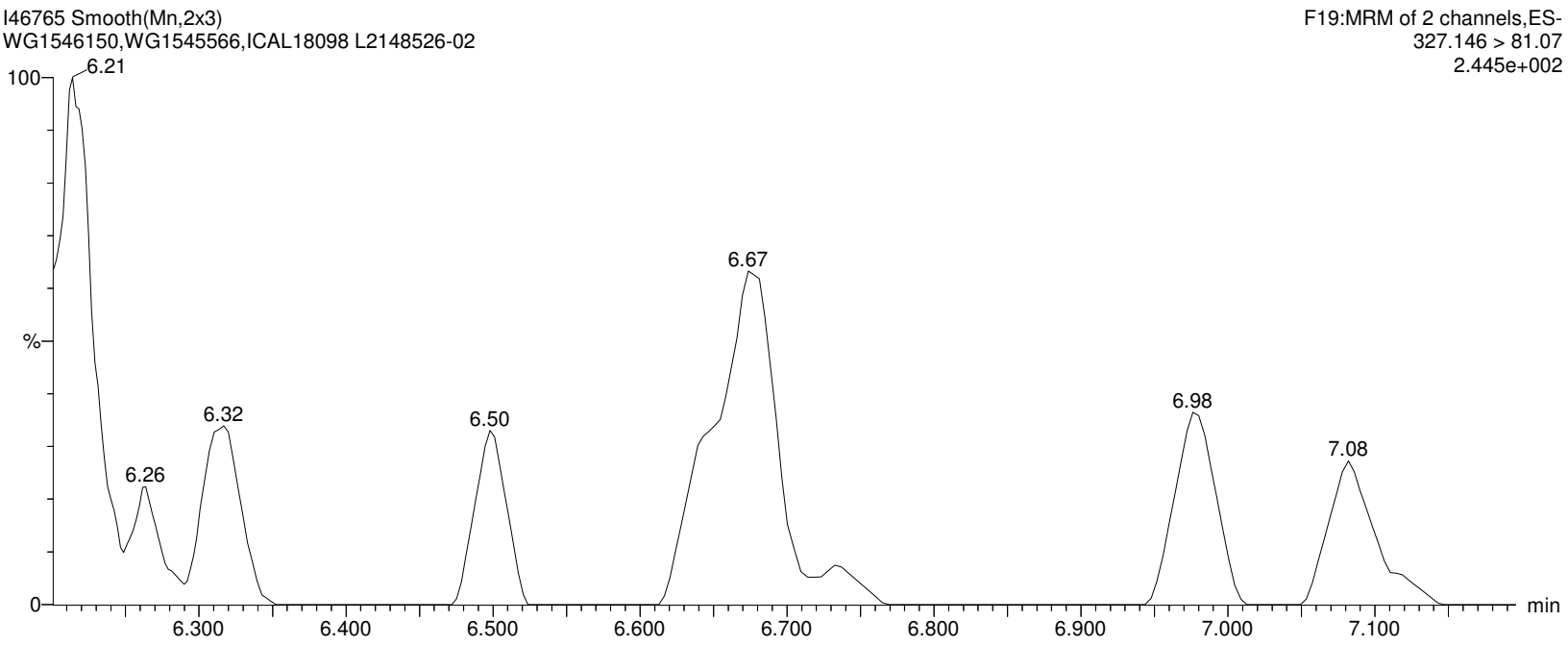
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:58 Eastern Daylight Time

Name: I46765
ID: L2148526-02
Date: 15-Sep-2021
Time: 05:25:47
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

4:2FTS



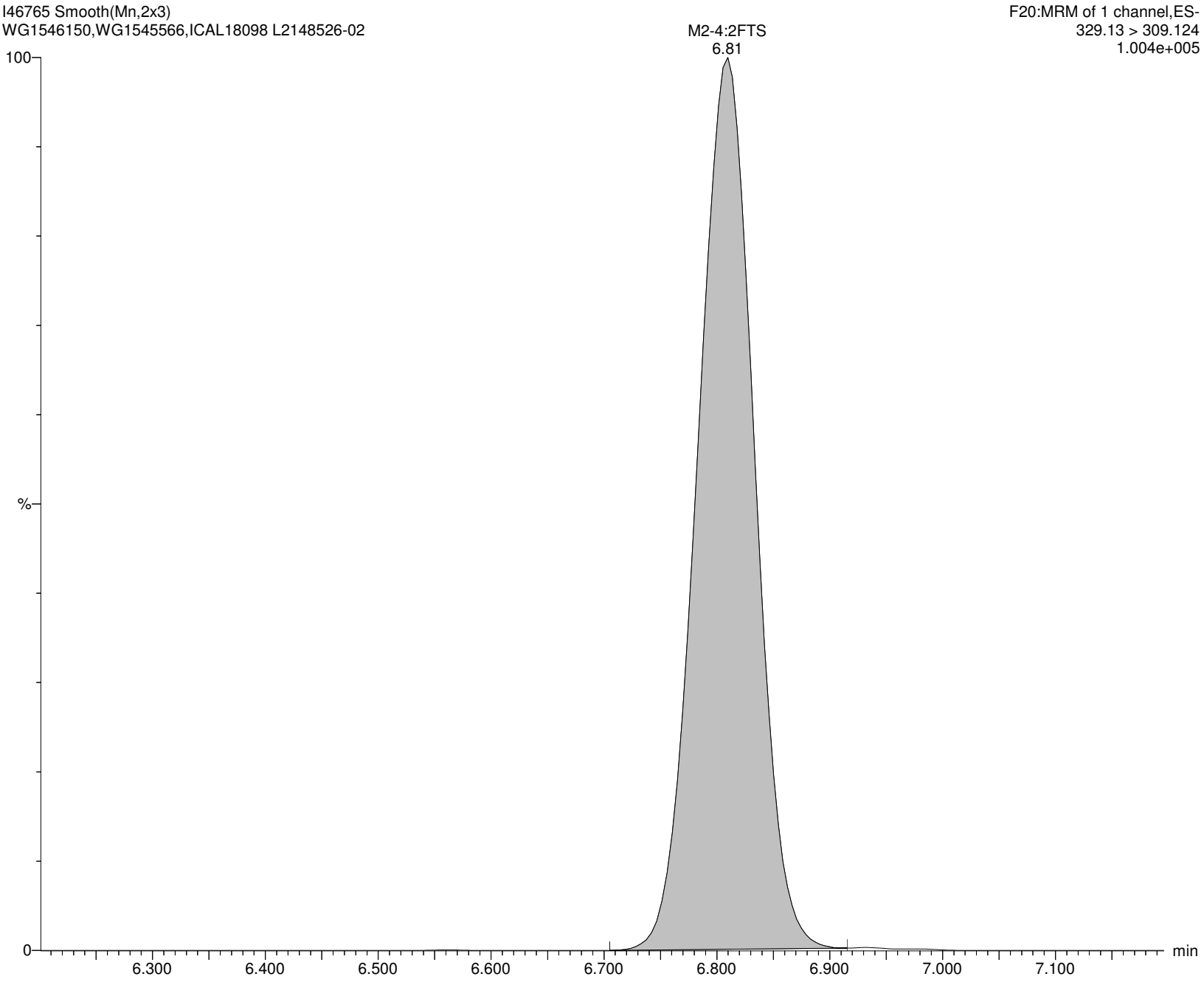


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:58 Eastern Daylight Time

Name: I46765
ID: L2148526-02
Date: 15-Sep-2021
Time: 05:25:47
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-4:2FTS

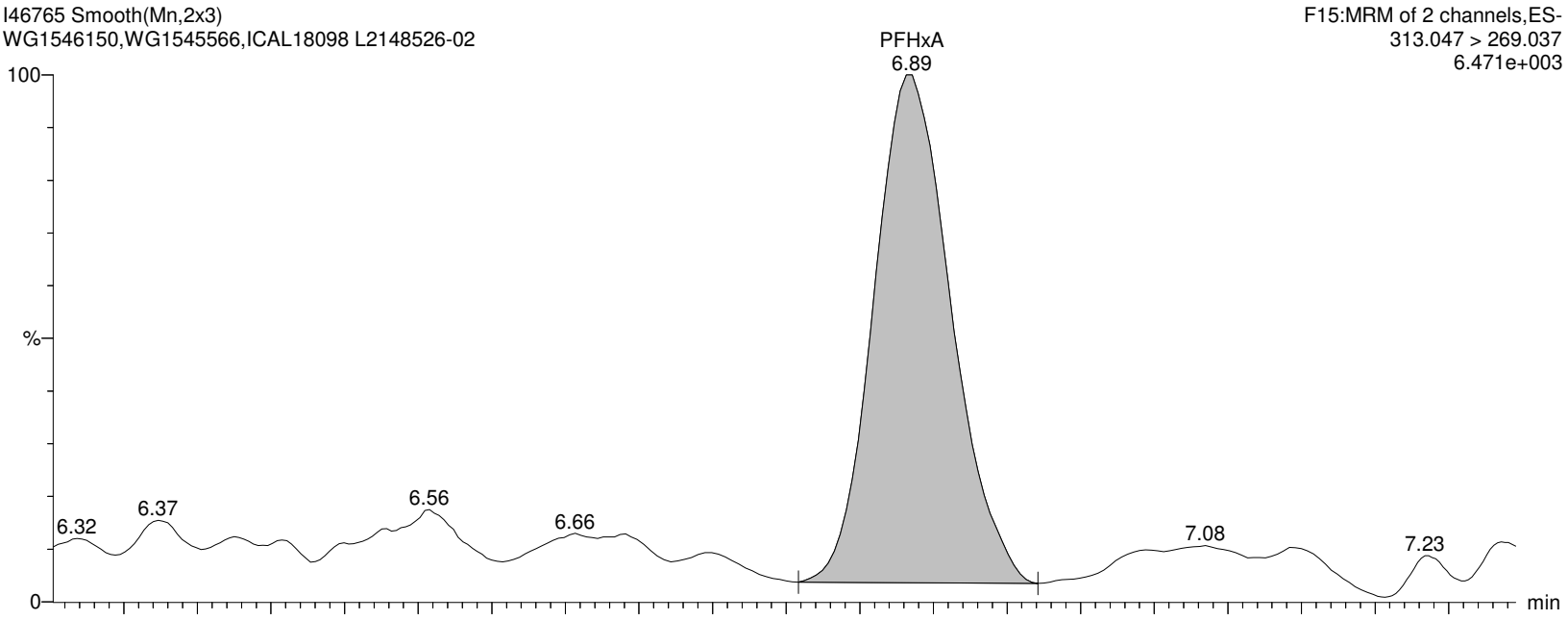


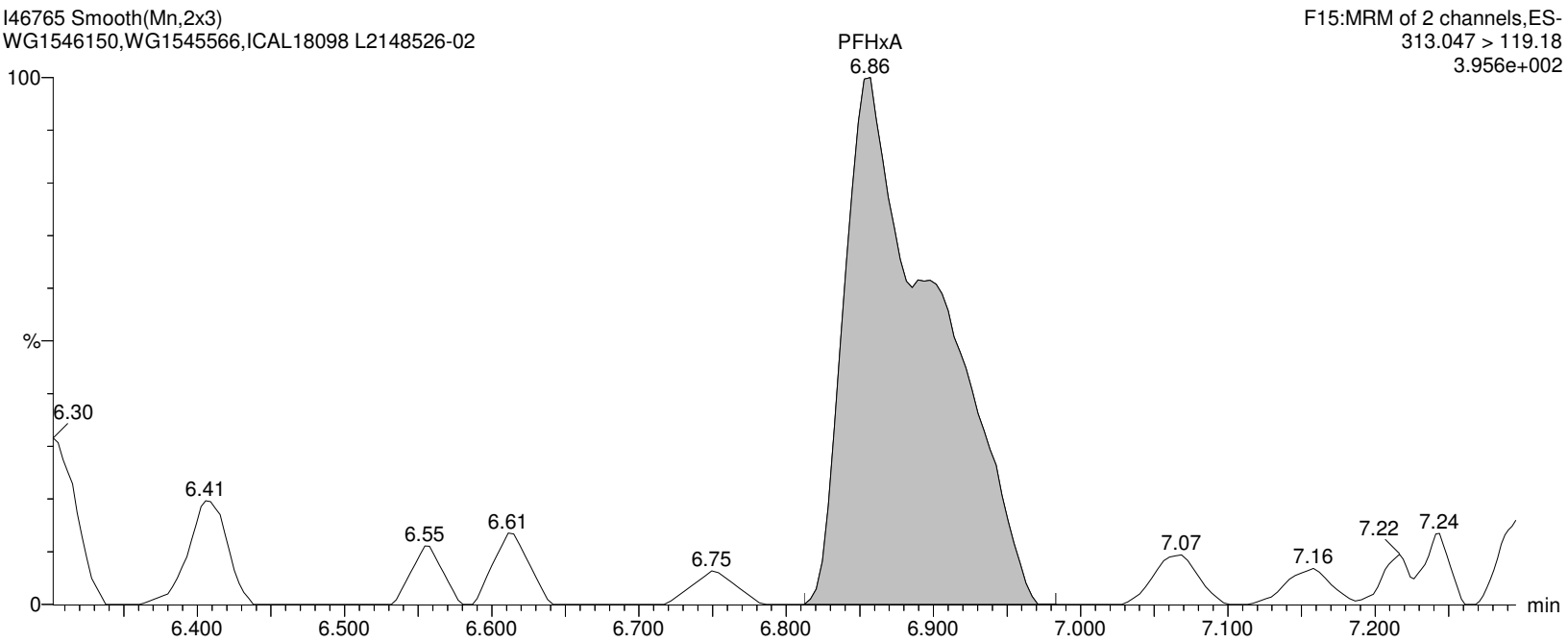
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:58 Eastern Daylight Time

Name: I46765
ID: L2148526-02
Date: 15-Sep-2021
Time: 05:25:47
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxA



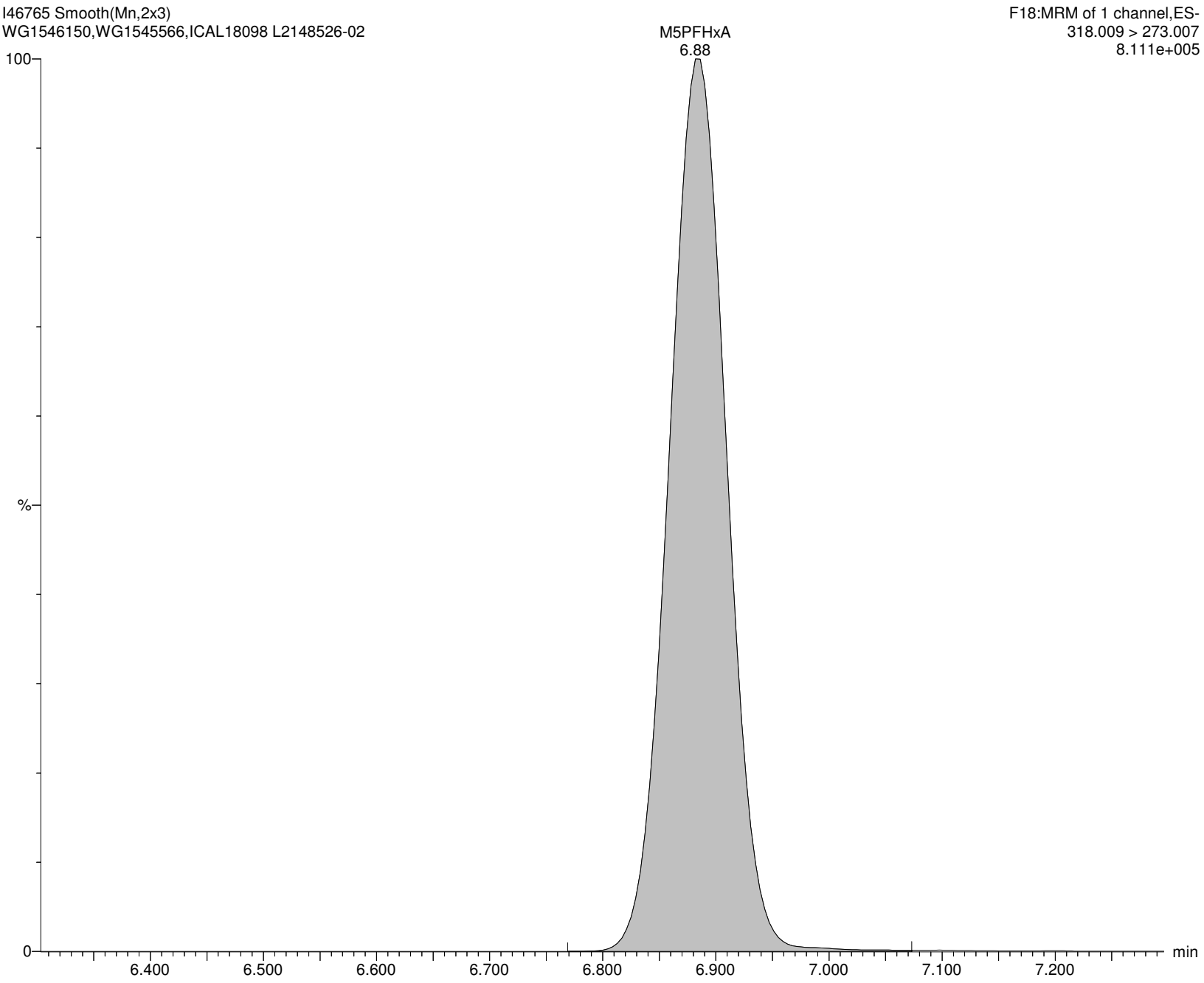


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:58 Eastern Daylight Time

Name: I46765
ID: L2148526-02
Date: 15-Sep-2021
Time: 05:25:47
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFHxA

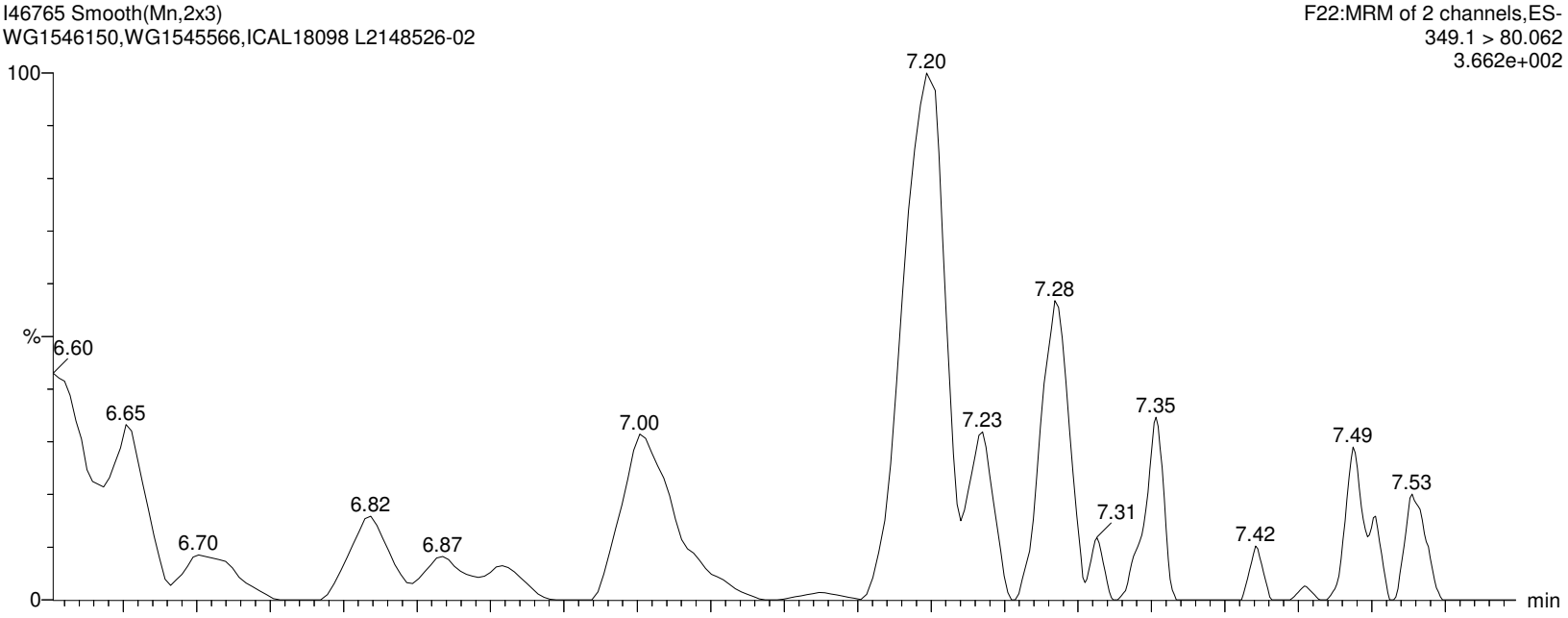


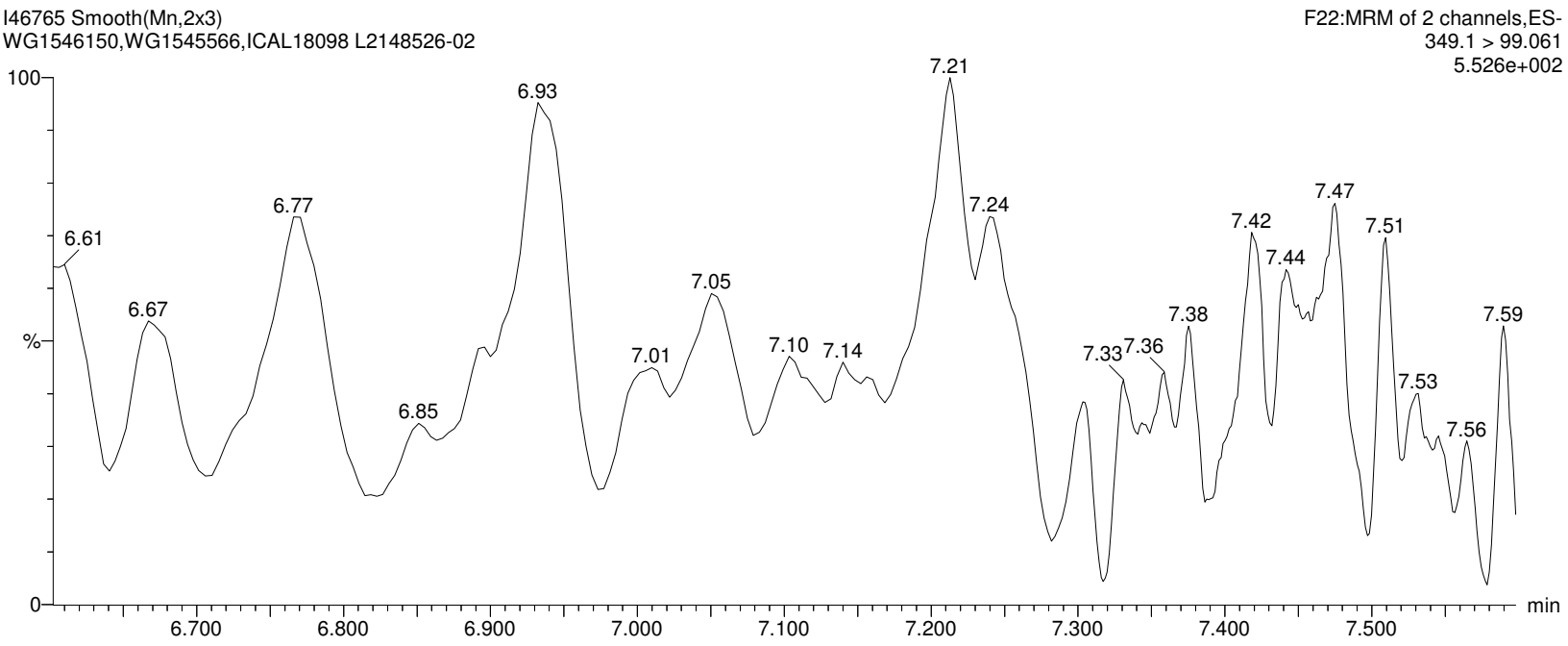
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:58 Eastern Daylight Time

Name: I46765
ID: L2148526-02
Date: 15-Sep-2021
Time: 05:25:47
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeS



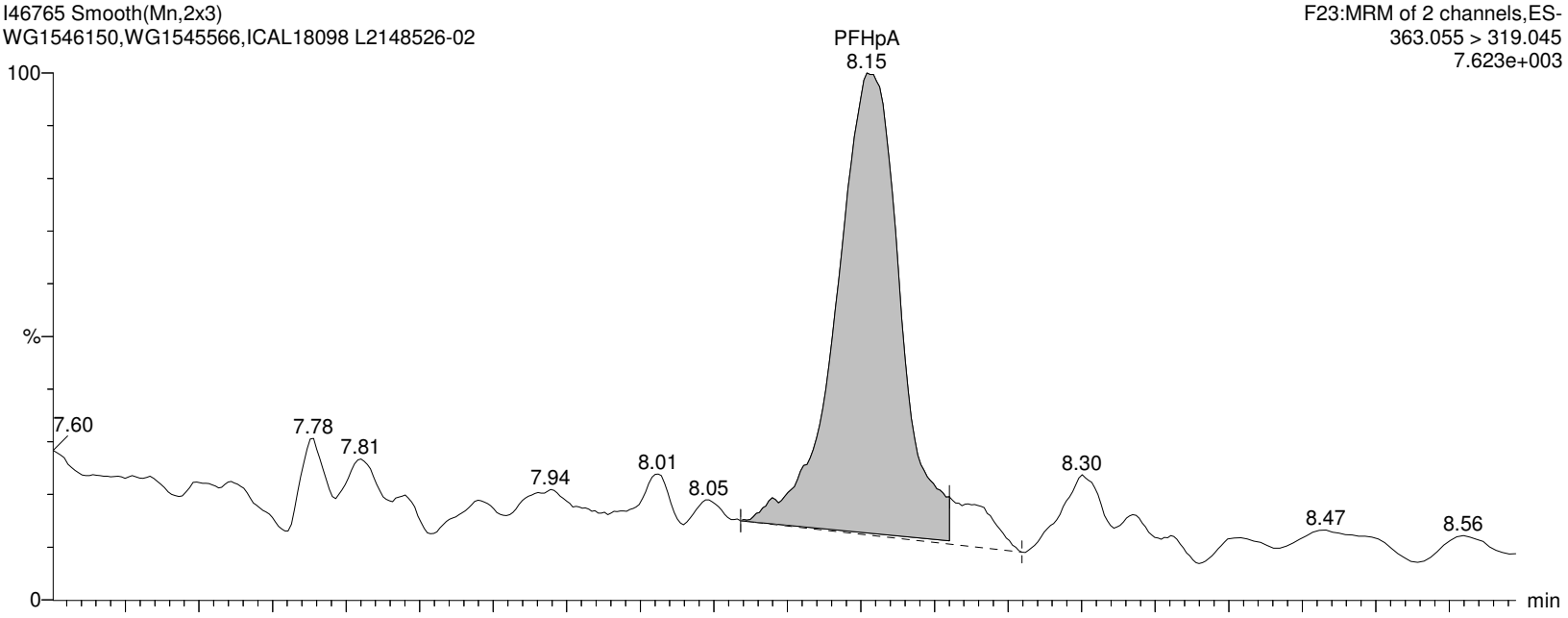


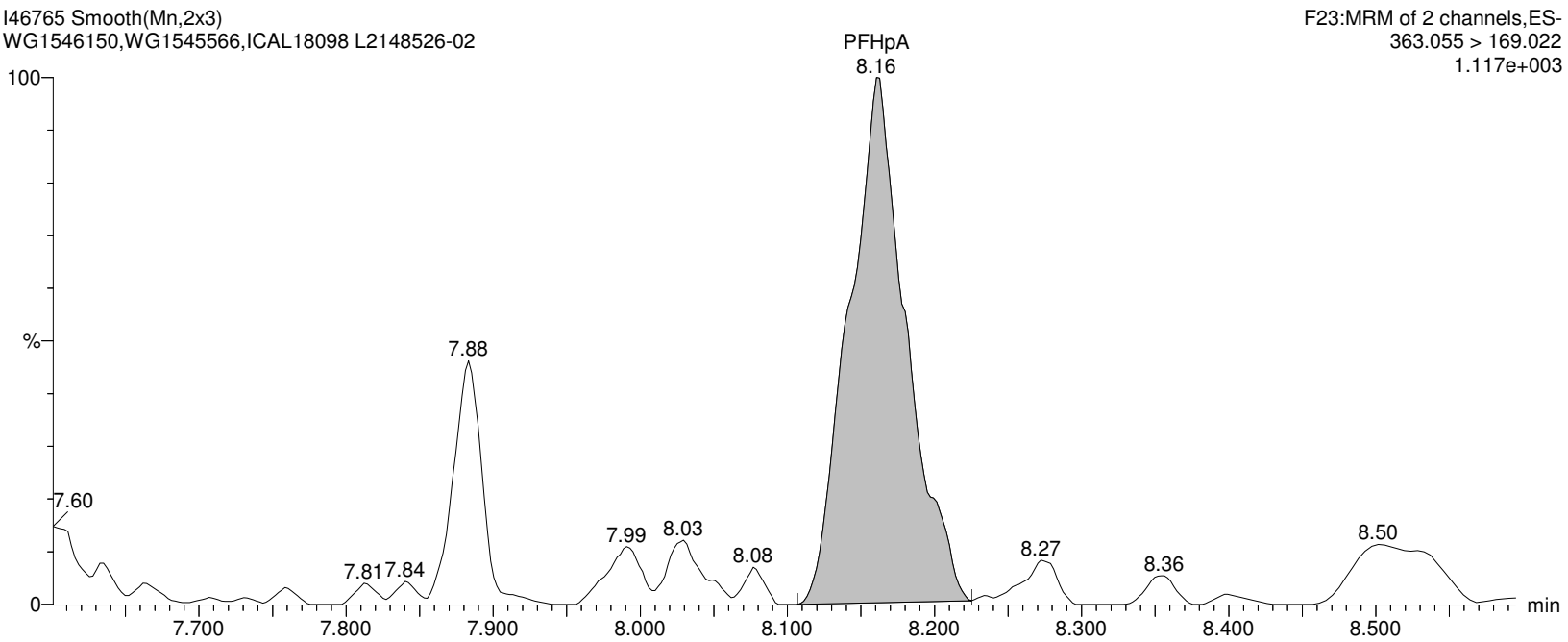
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:58 Eastern Daylight Time

Name: I46765
ID: L2148526-02
Date: 15-Sep-2021
Time: 05:25:47
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpA



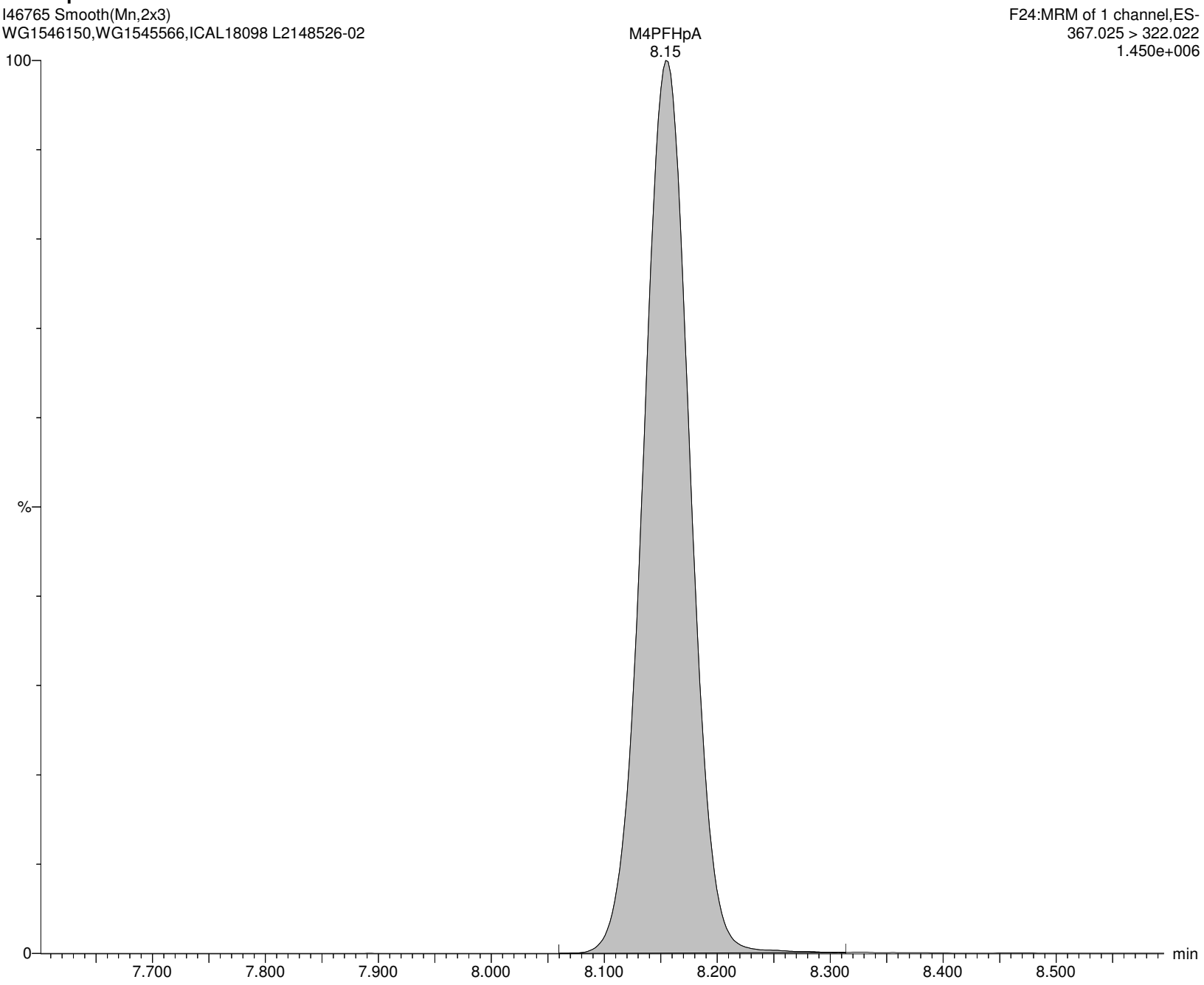


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:58 Eastern Daylight Time

Name: I46765
ID: L2148526-02
Date: 15-Sep-2021
Time: 05:25:47
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFHpA

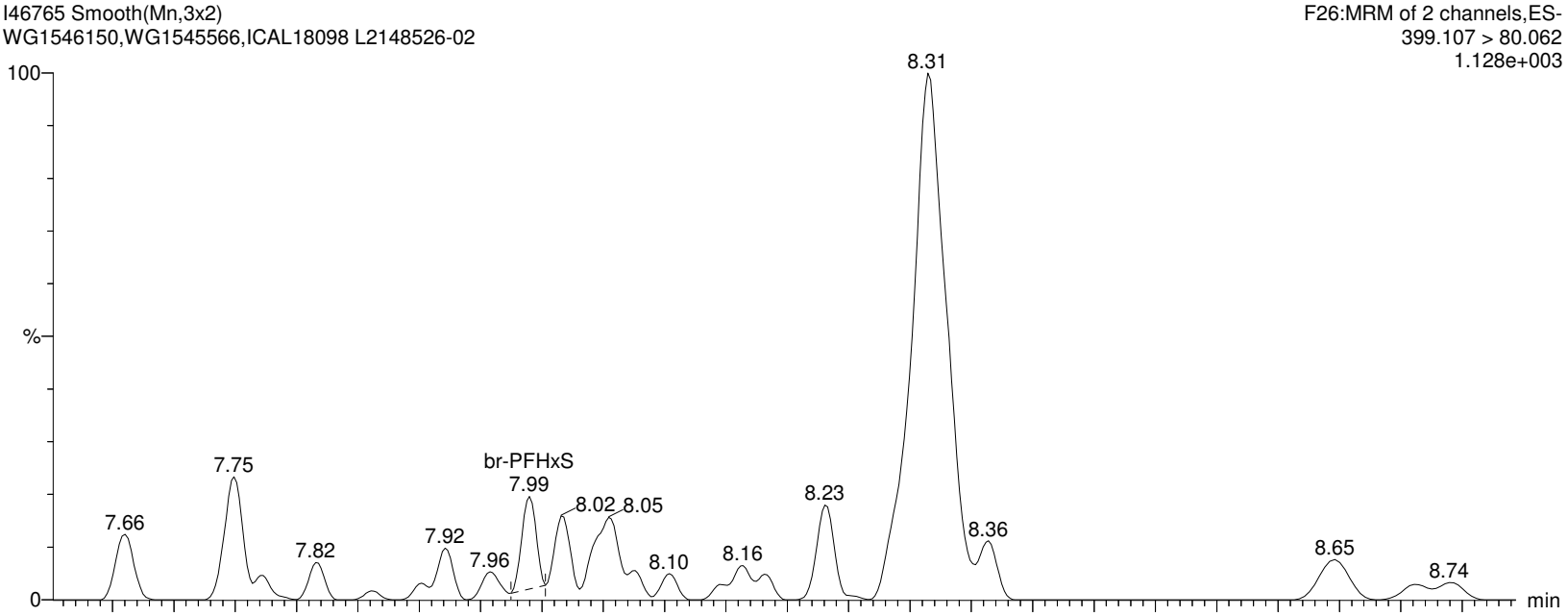


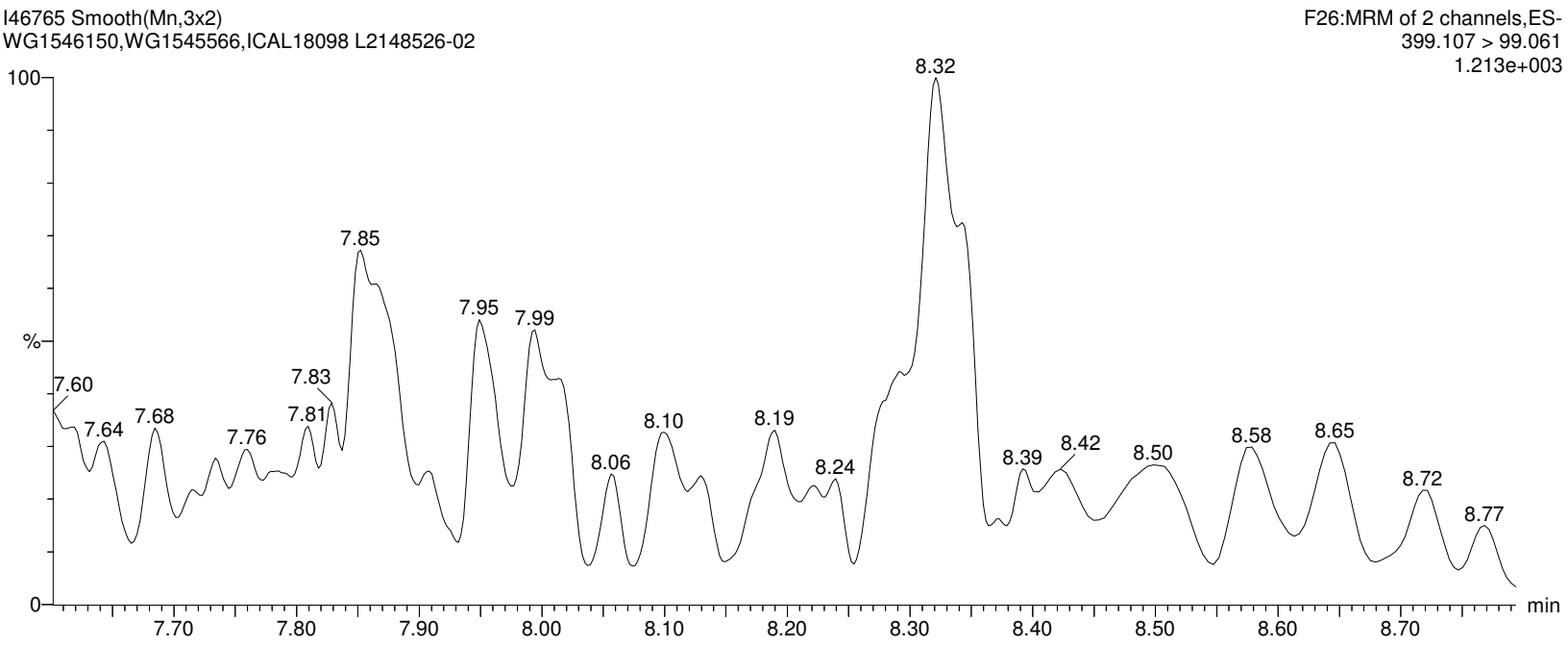
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:58 Eastern Daylight Time

Name: I46765
ID: L2148526-02
Date: 15-Sep-2021
Time: 05:25:47
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFHxS



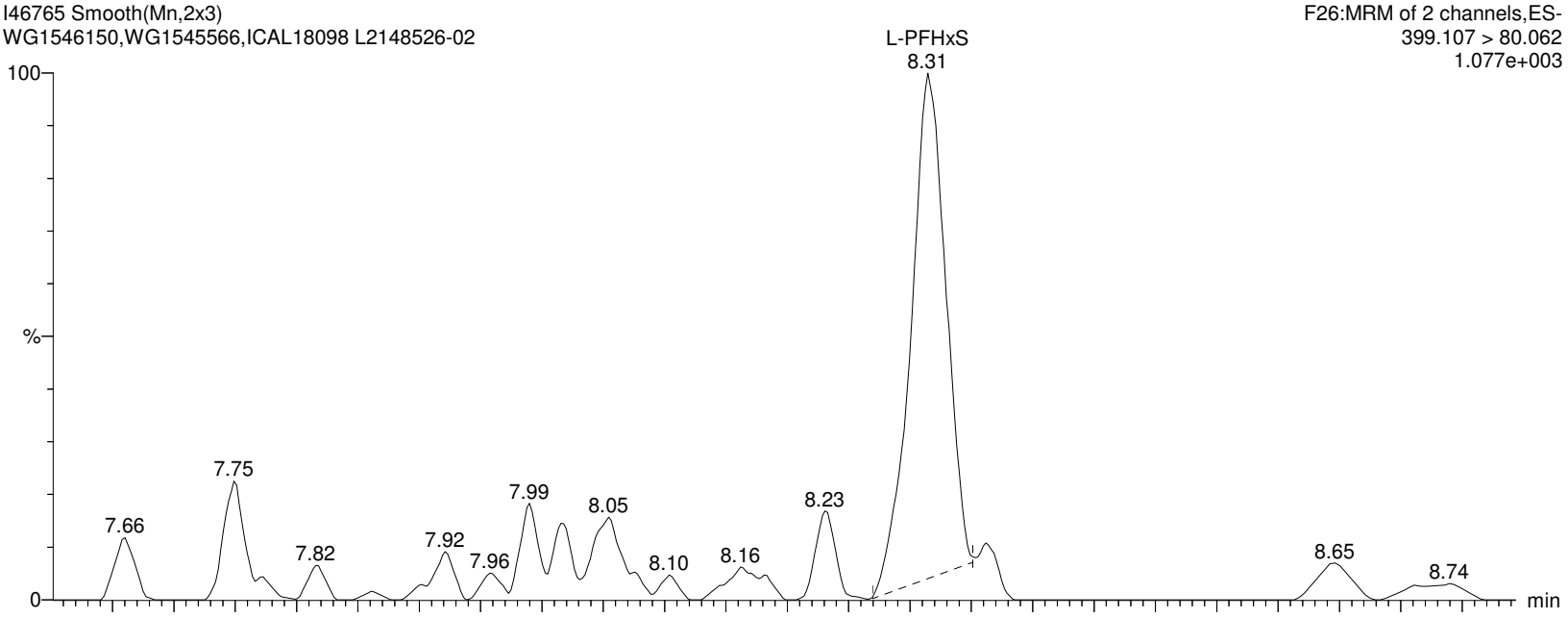


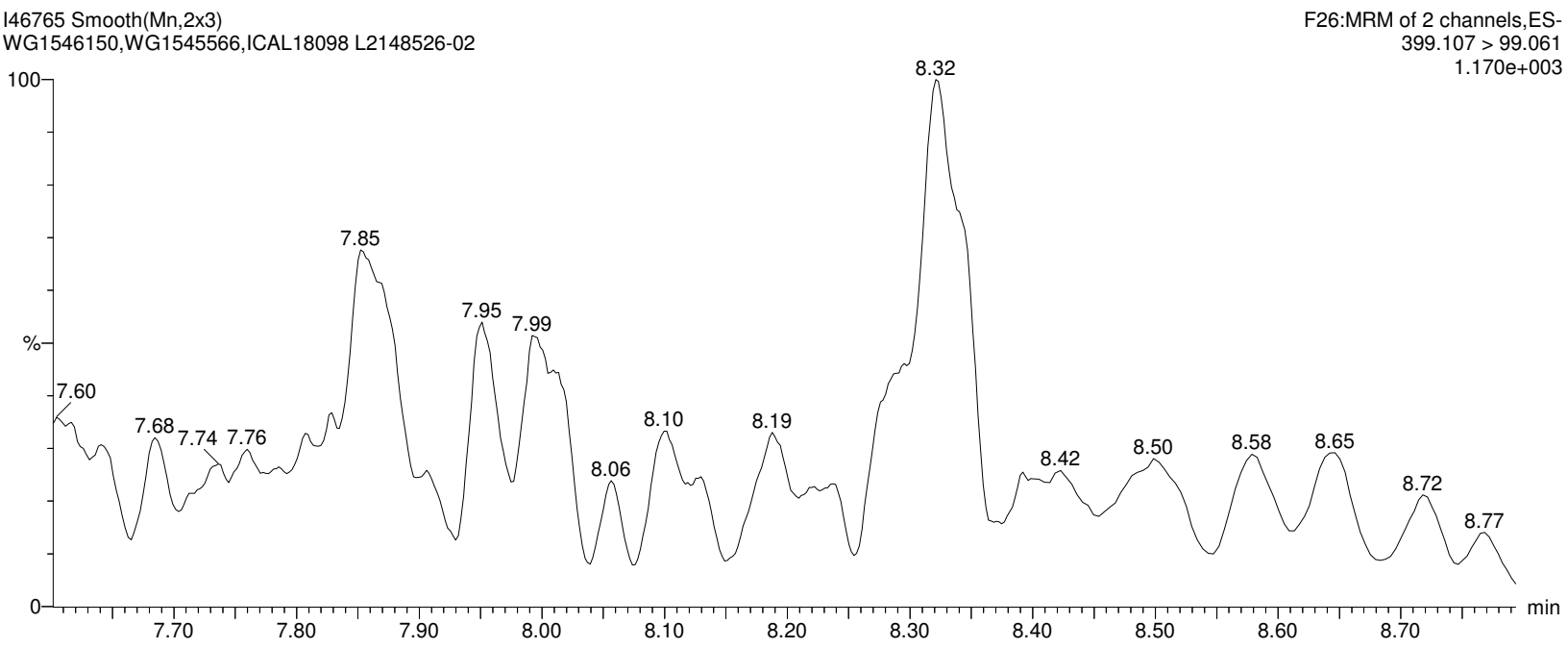
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:58 Eastern Daylight Time

Name: I46765
ID: L2148526-02
Date: 15-Sep-2021
Time: 05:25:47
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFHxS



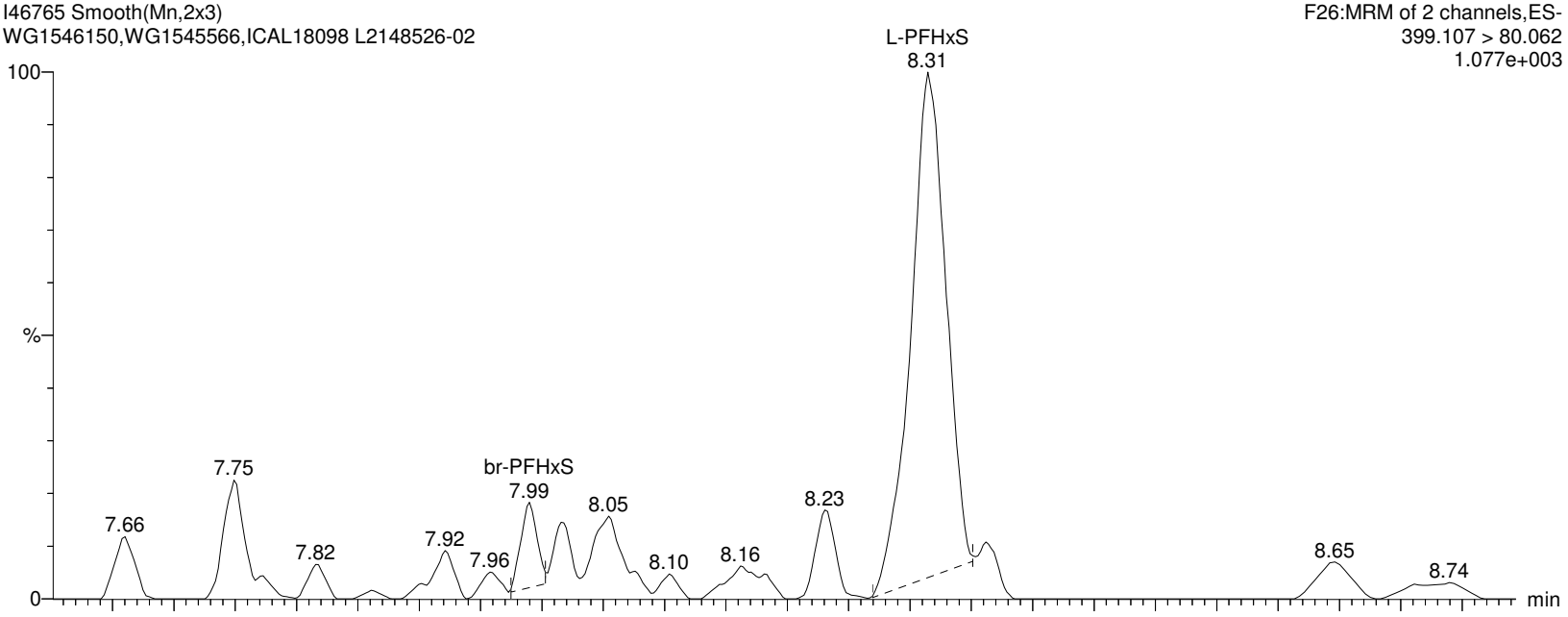


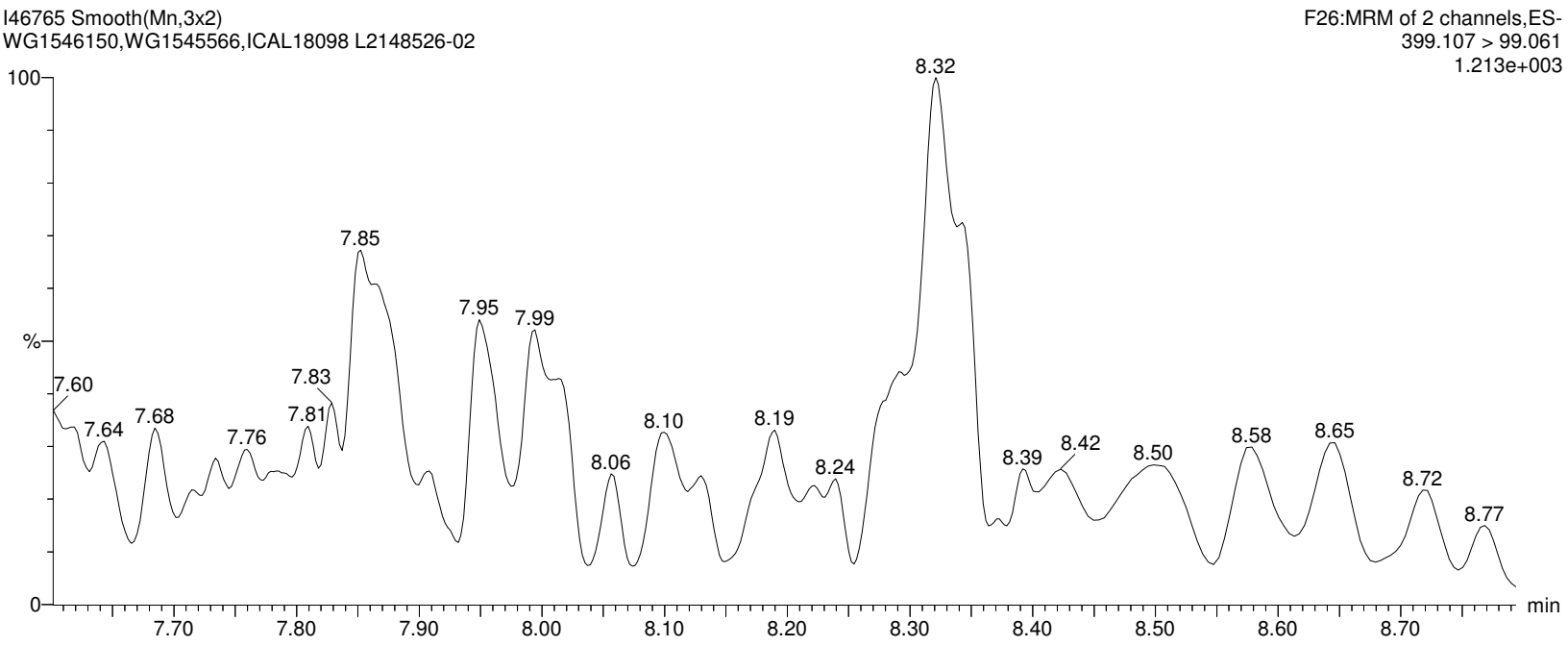
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:58 Eastern Daylight Time

Name: I46765
ID: L2148526-02
Date: 15-Sep-2021
Time: 05:25:47
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxS



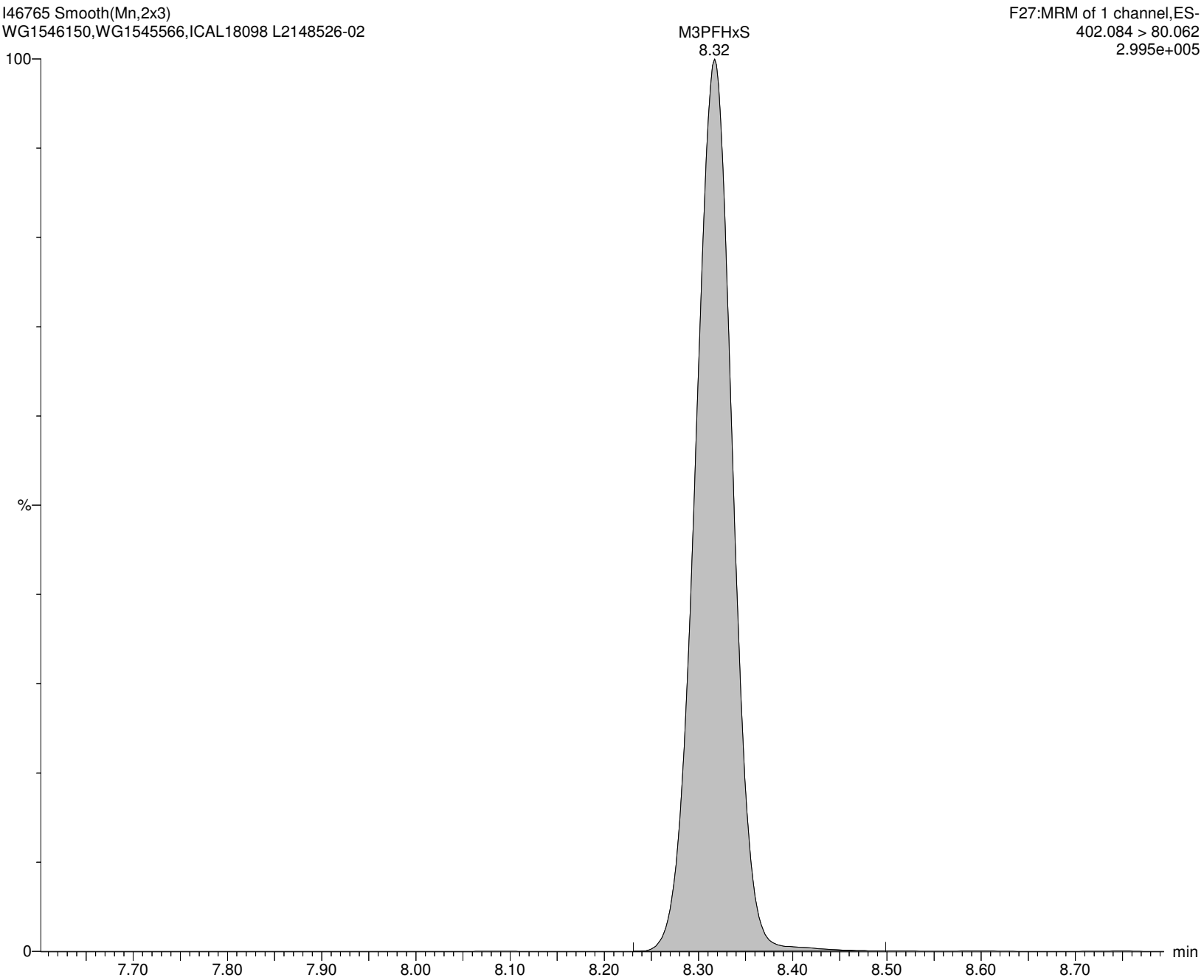


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:58 Eastern Daylight Time

Name: I46765
ID: L2148526-02
Date: 15-Sep-2021
Time: 05:25:47
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFHxS

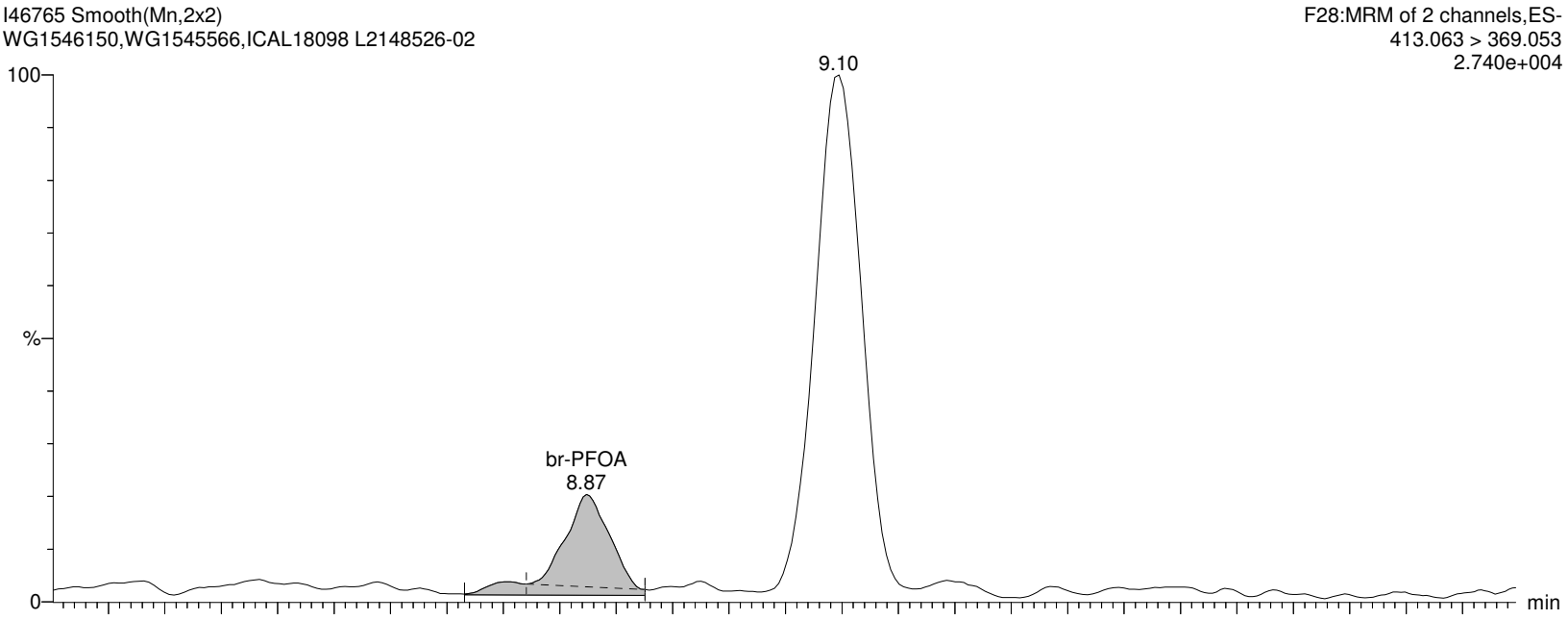


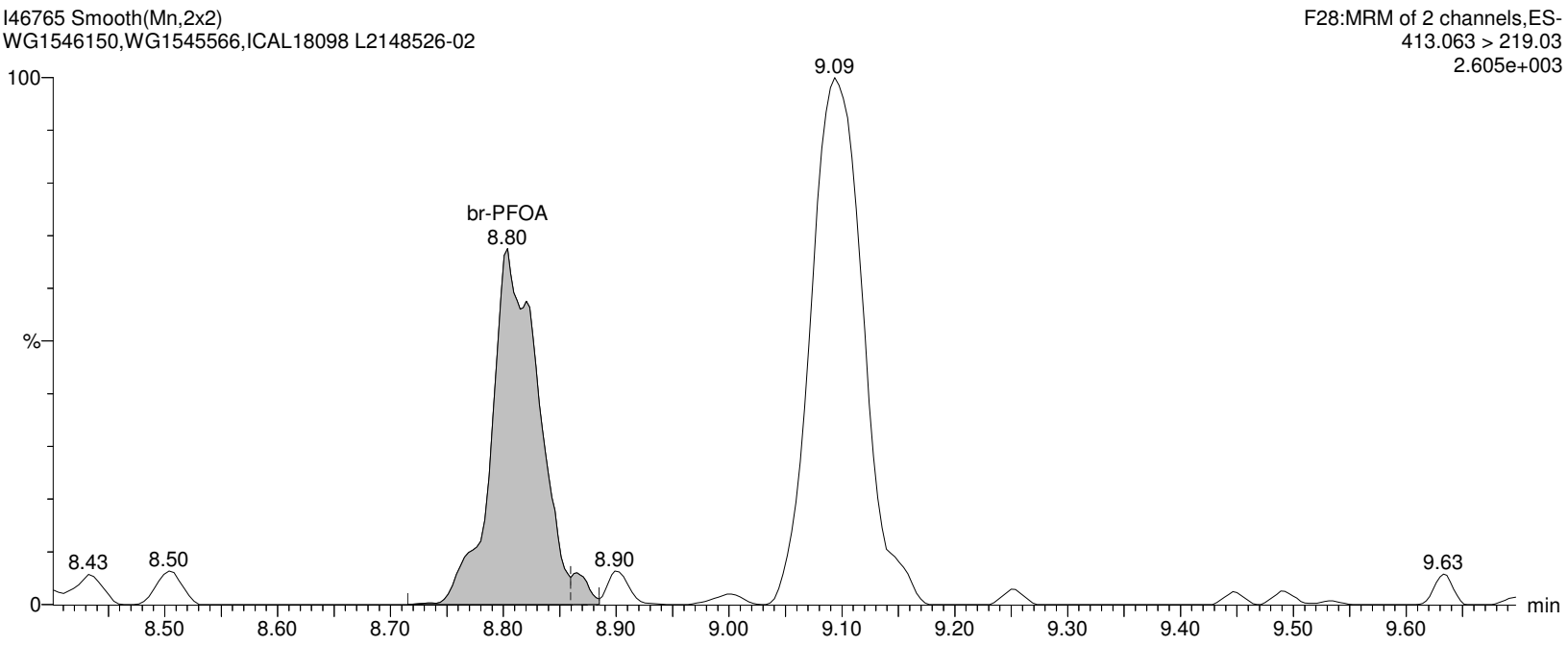
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:58 Eastern Daylight Time

Name: I46765
ID: L2148526-02
Date: 15-Sep-2021
Time: 05:25:47
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOA



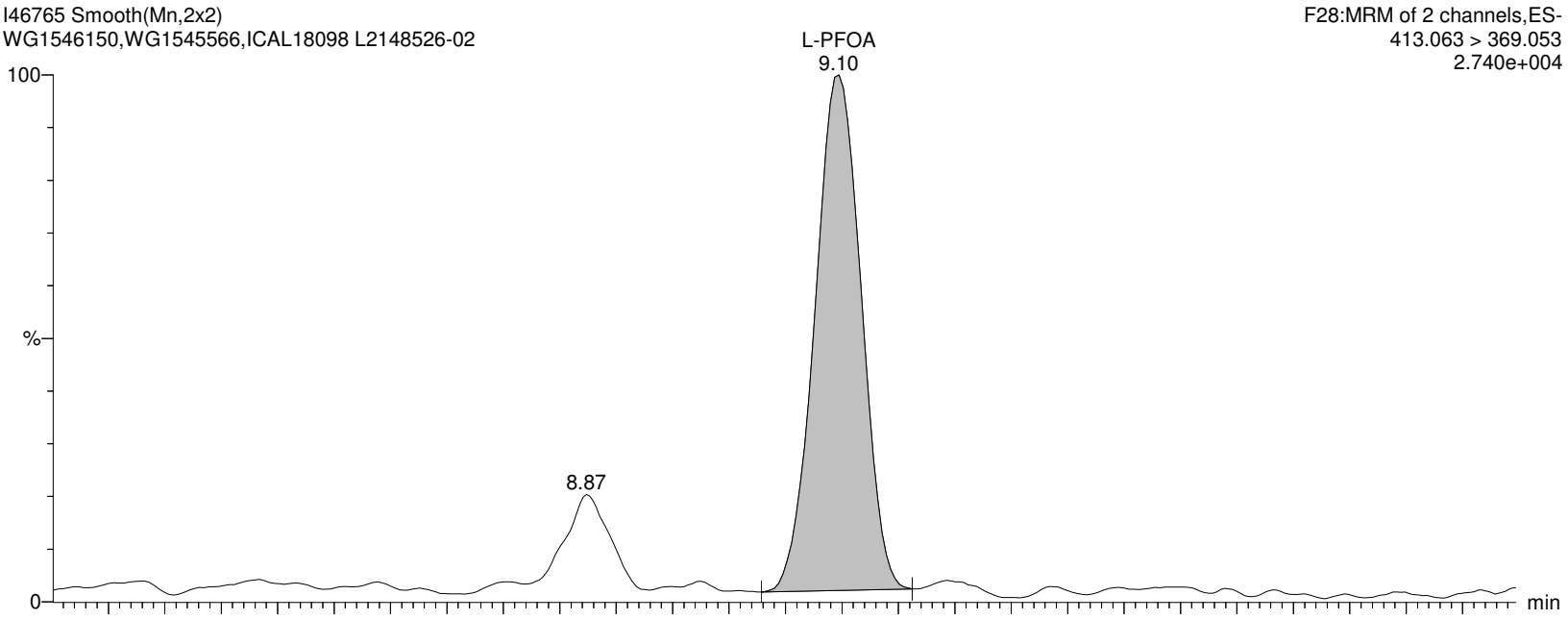


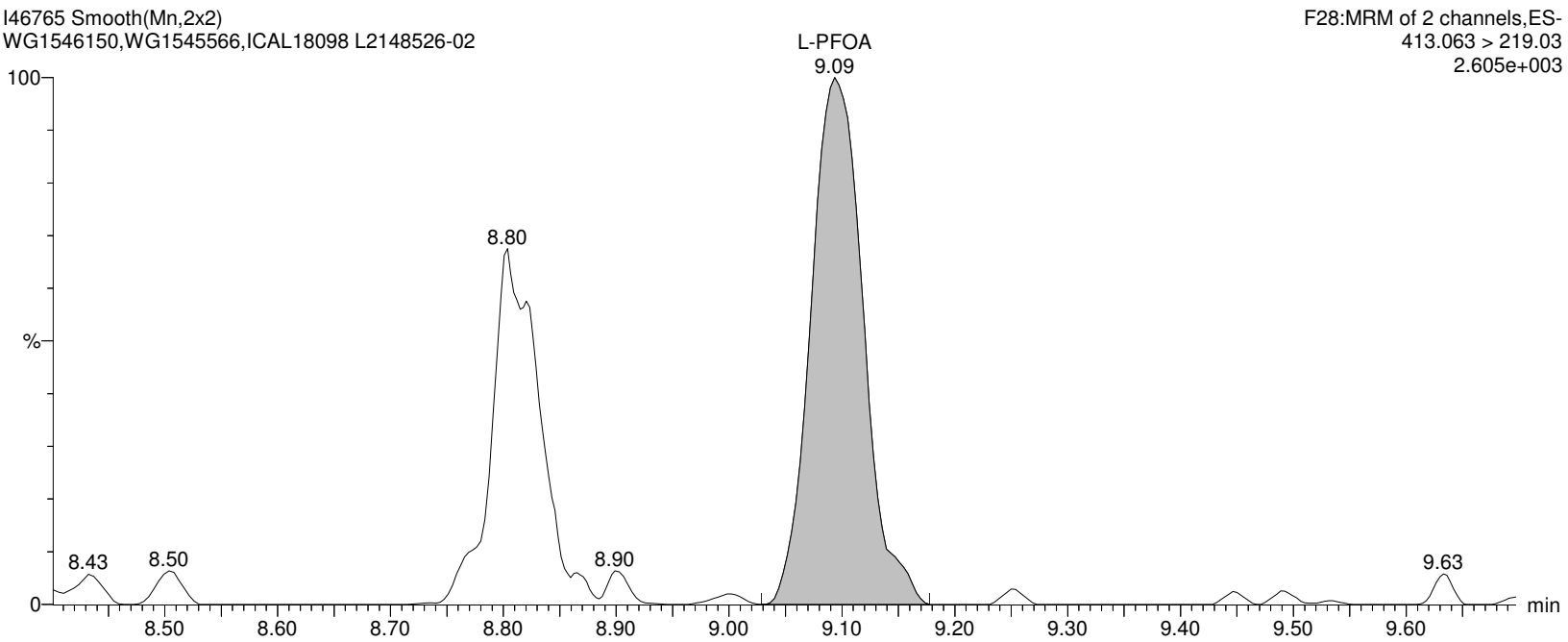
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:58 Eastern Daylight Time

Name: I46765
ID: L2148526-02
Date: 15-Sep-2021
Time: 05:25:47
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOA



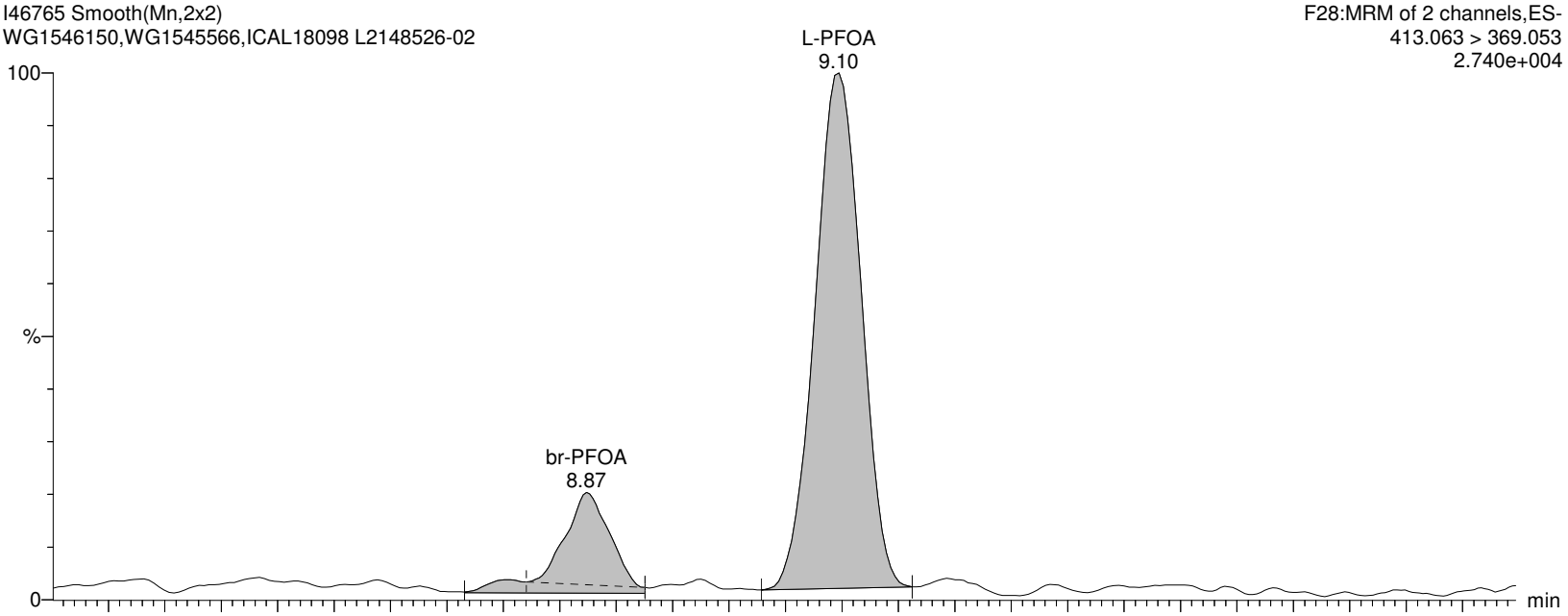


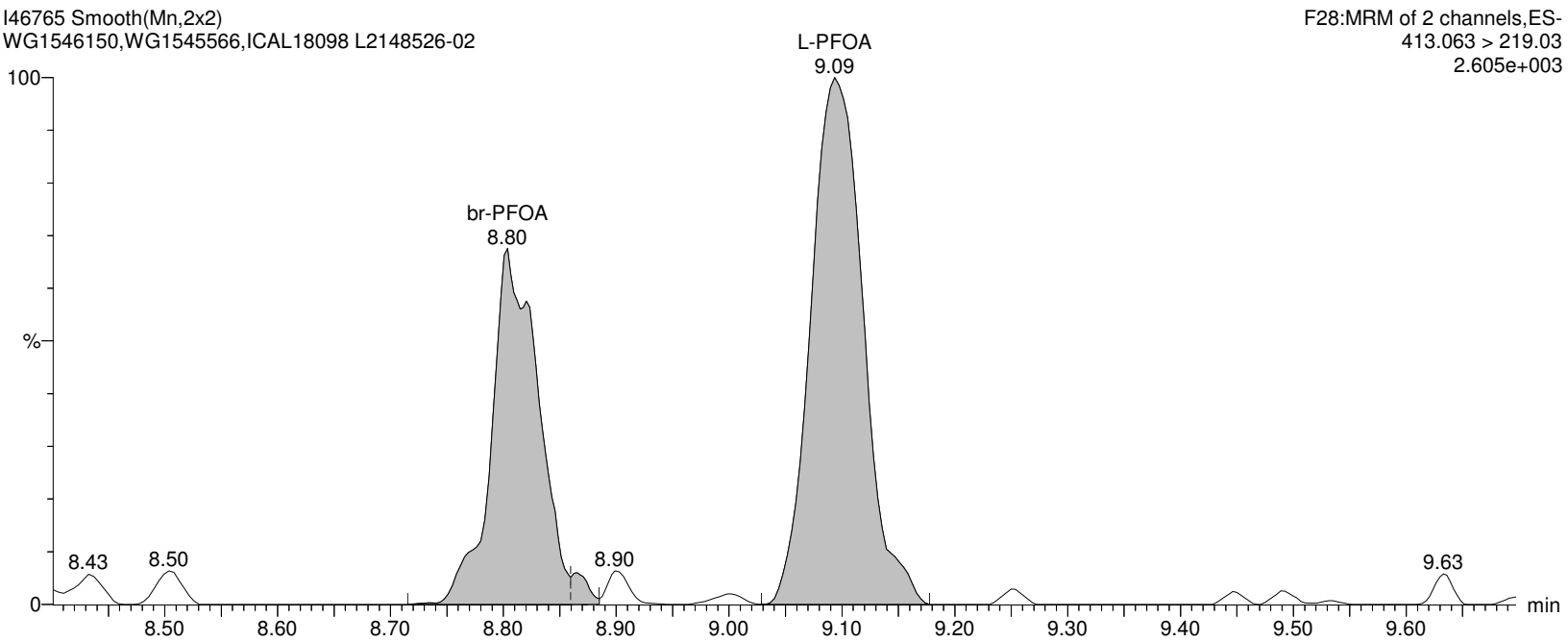
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:58 Eastern Daylight Time

Name: I46765
ID: L2148526-02
Date: 15-Sep-2021
Time: 05:25:47
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOA



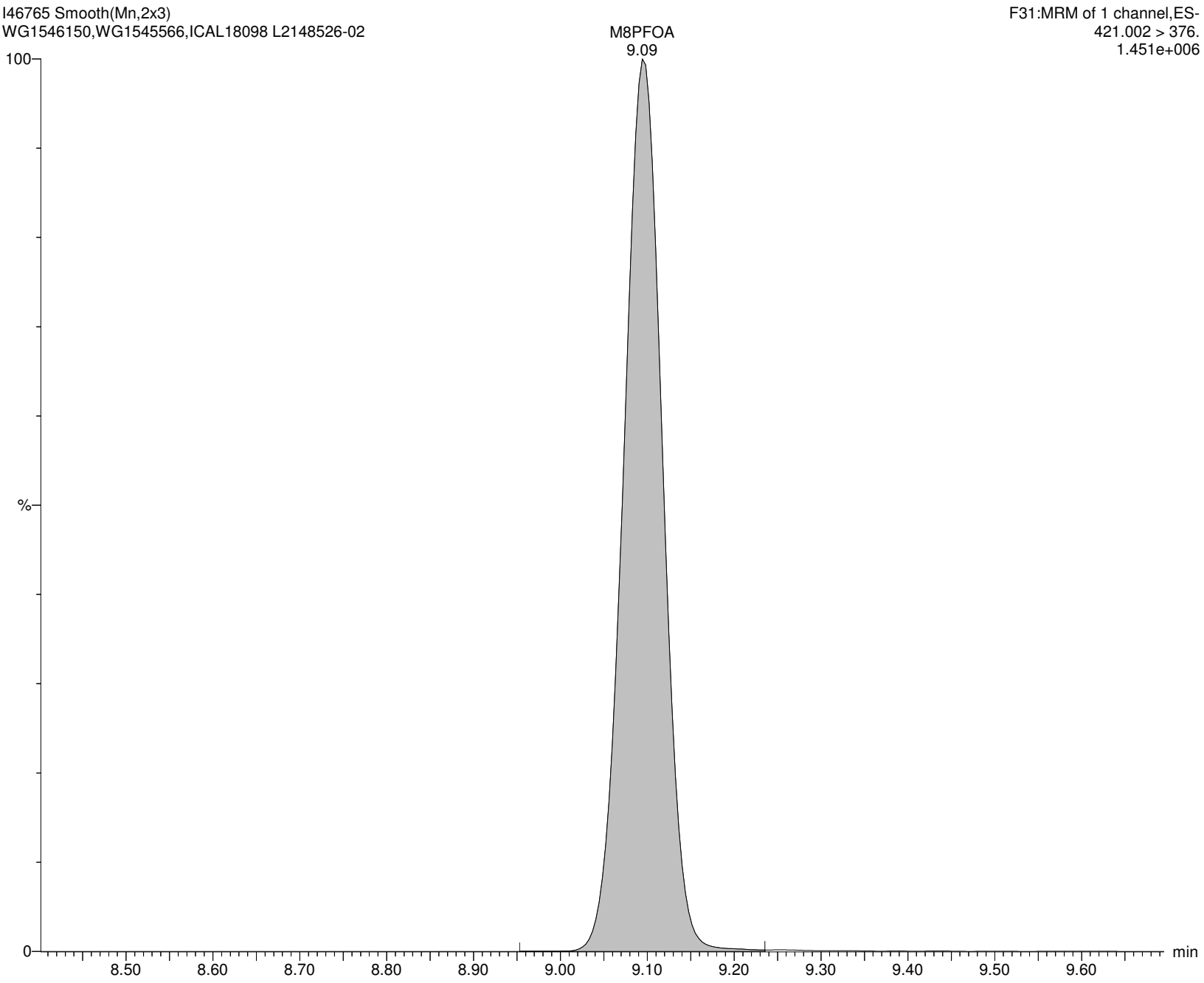


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:58 Eastern Daylight Time

Name: I46765
ID: L2148526-02
Date: 15-Sep-2021
Time: 05:25:47
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOA

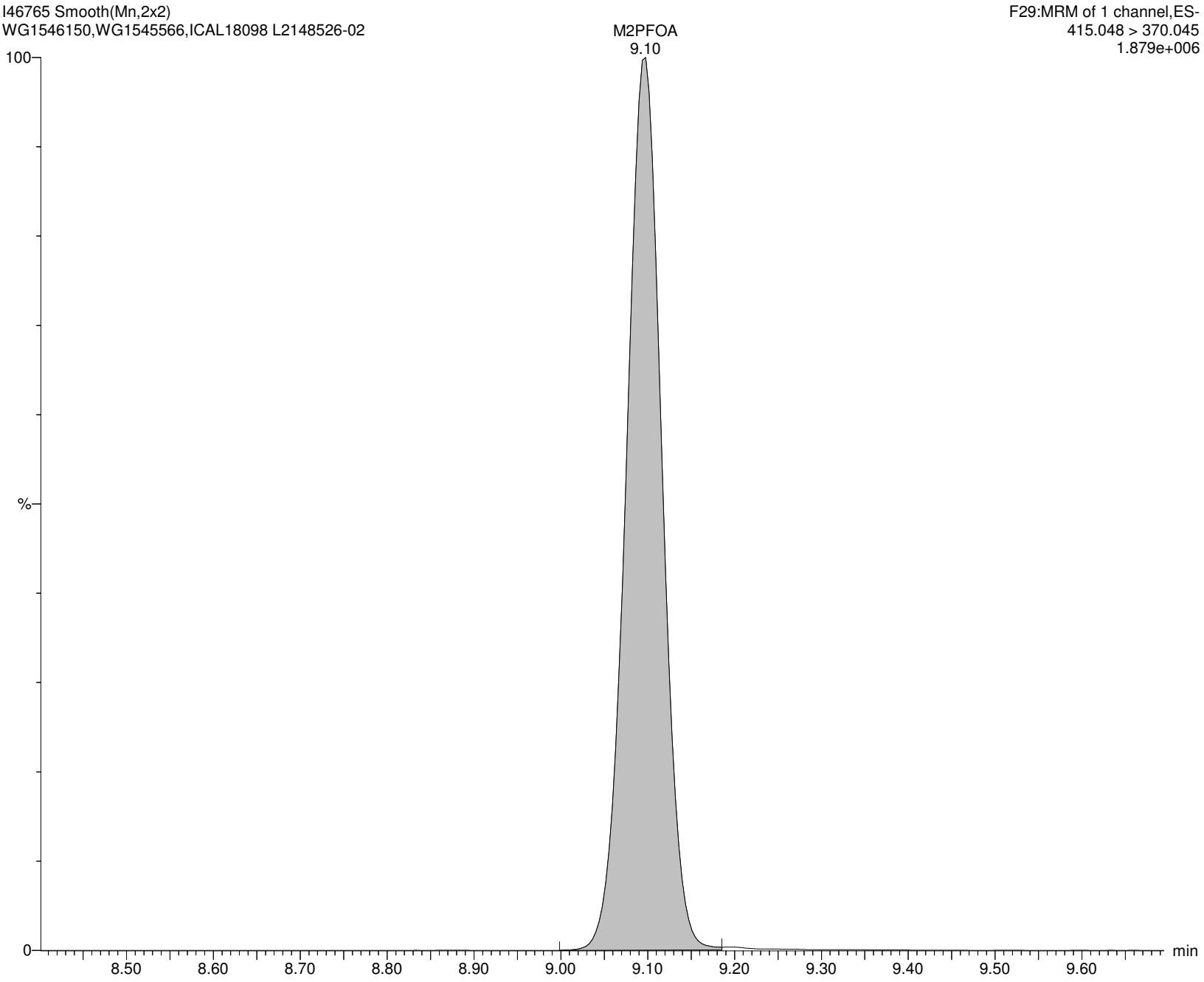


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:58 Eastern Daylight Time

Name: I46765
ID: L2148526-02
Date: 15-Sep-2021
Time: 05:25:47
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFOA

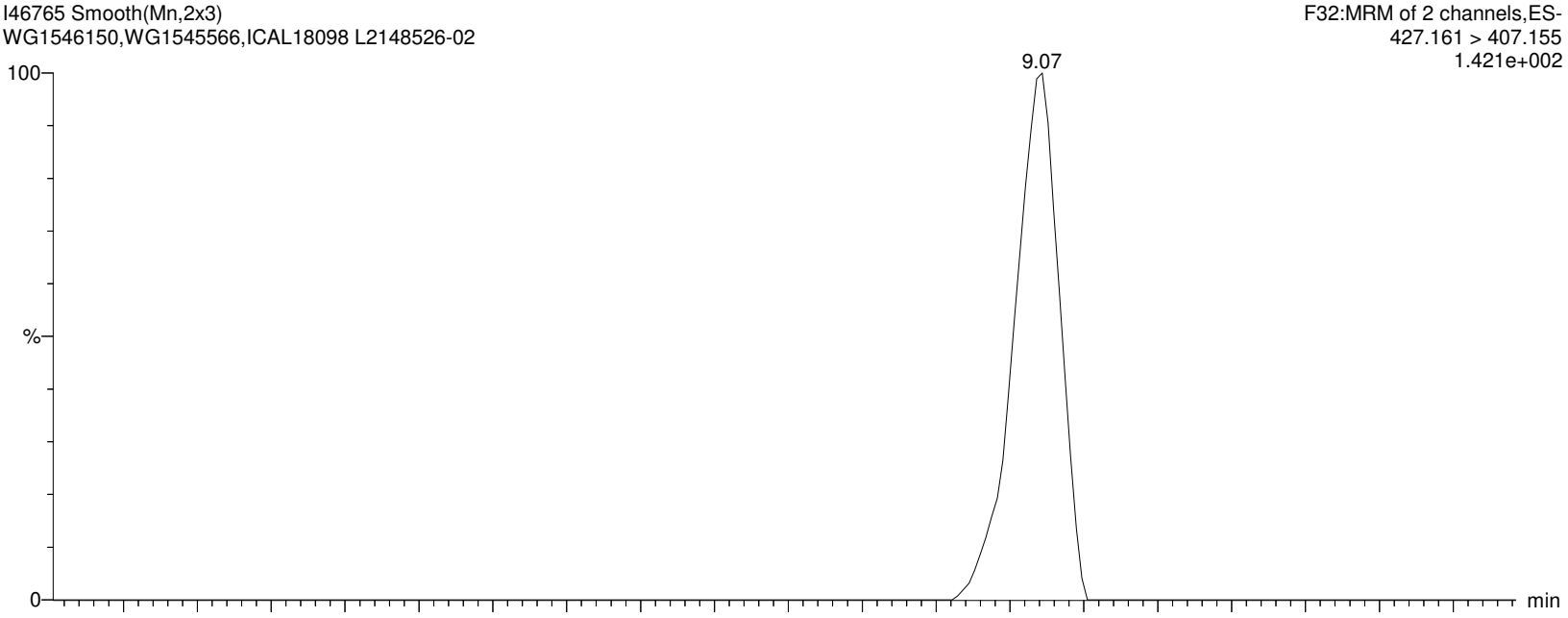


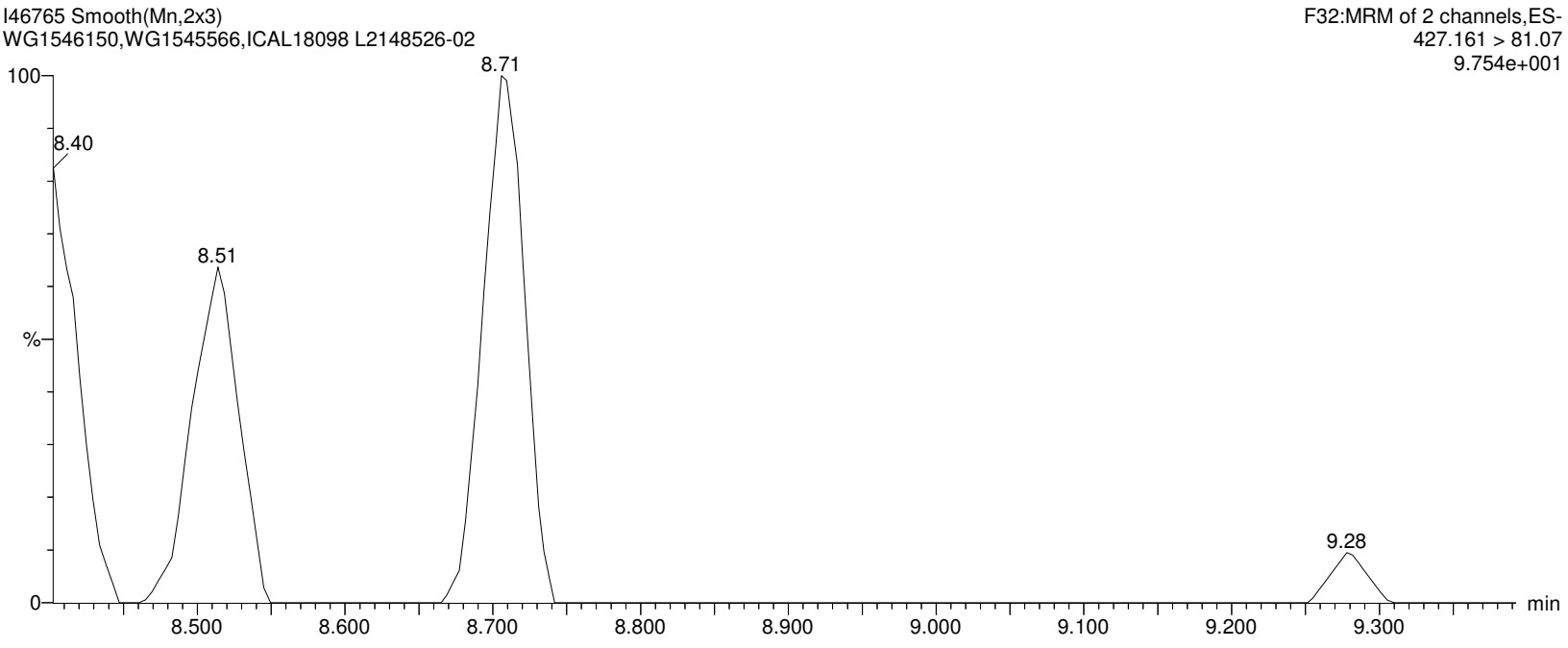
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:58 Eastern Daylight Time

Name: I46765
ID: L2148526-02
Date: 15-Sep-2021
Time: 05:25:47
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

6:2FTS



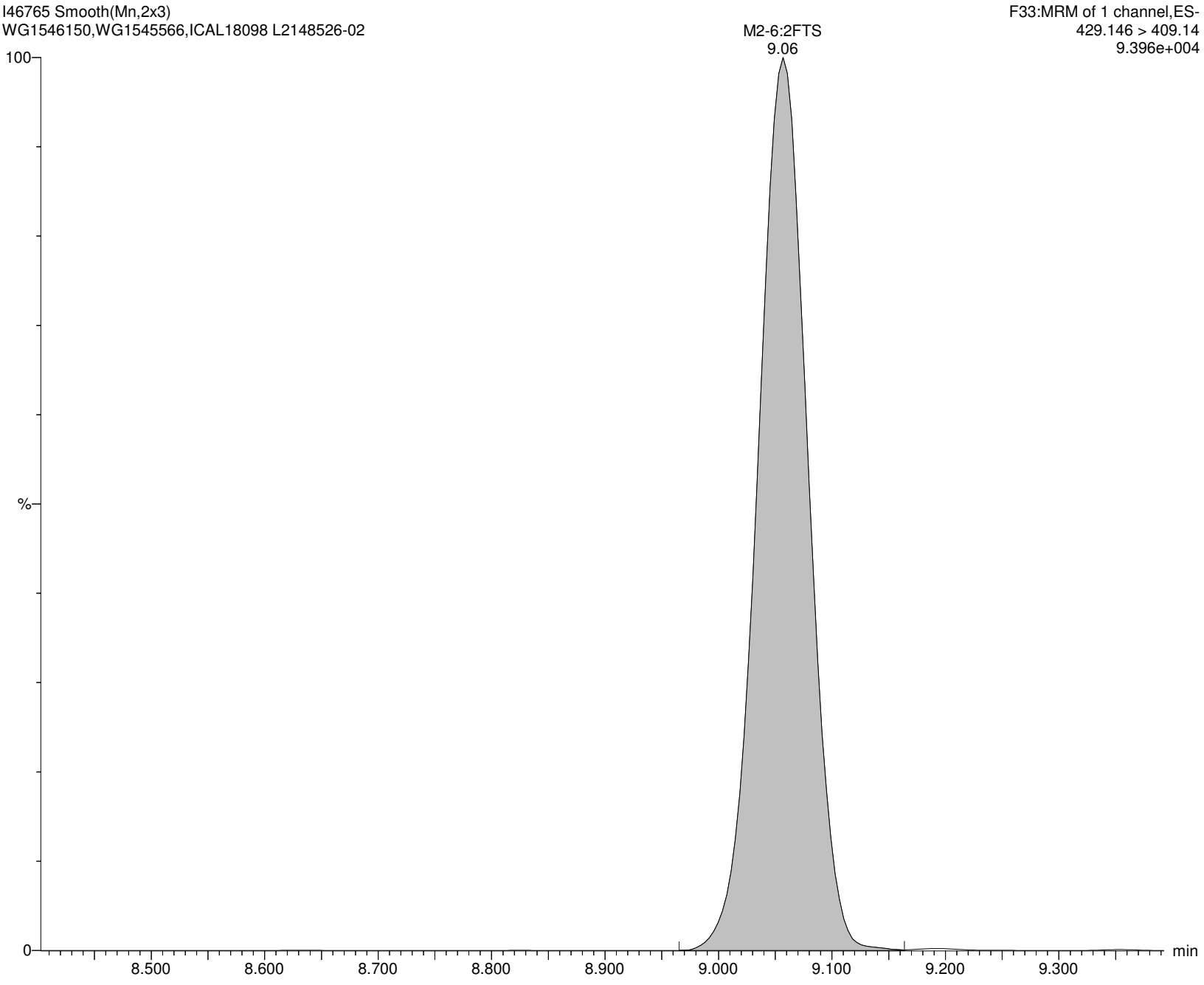


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:58 Eastern Daylight Time

Name: I46765
ID: L2148526-02
Date: 15-Sep-2021
Time: 05:25:47
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-6:2FTS

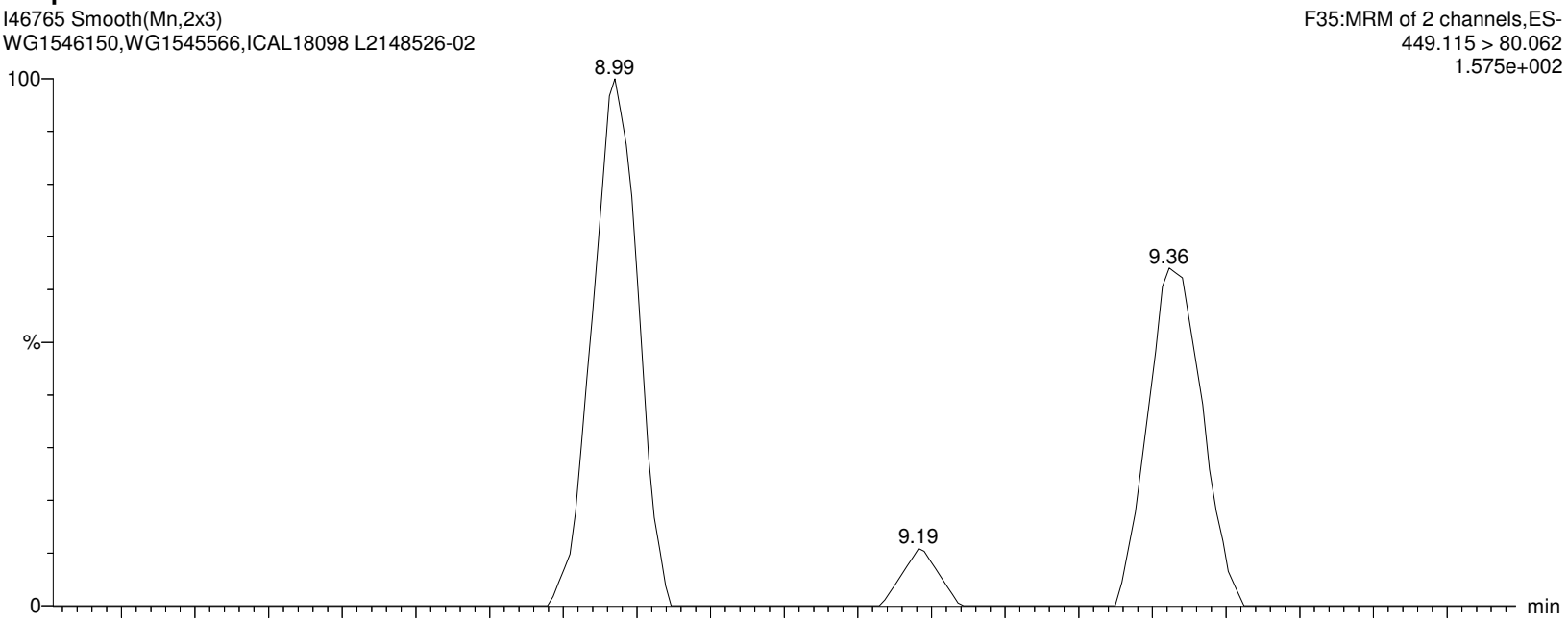


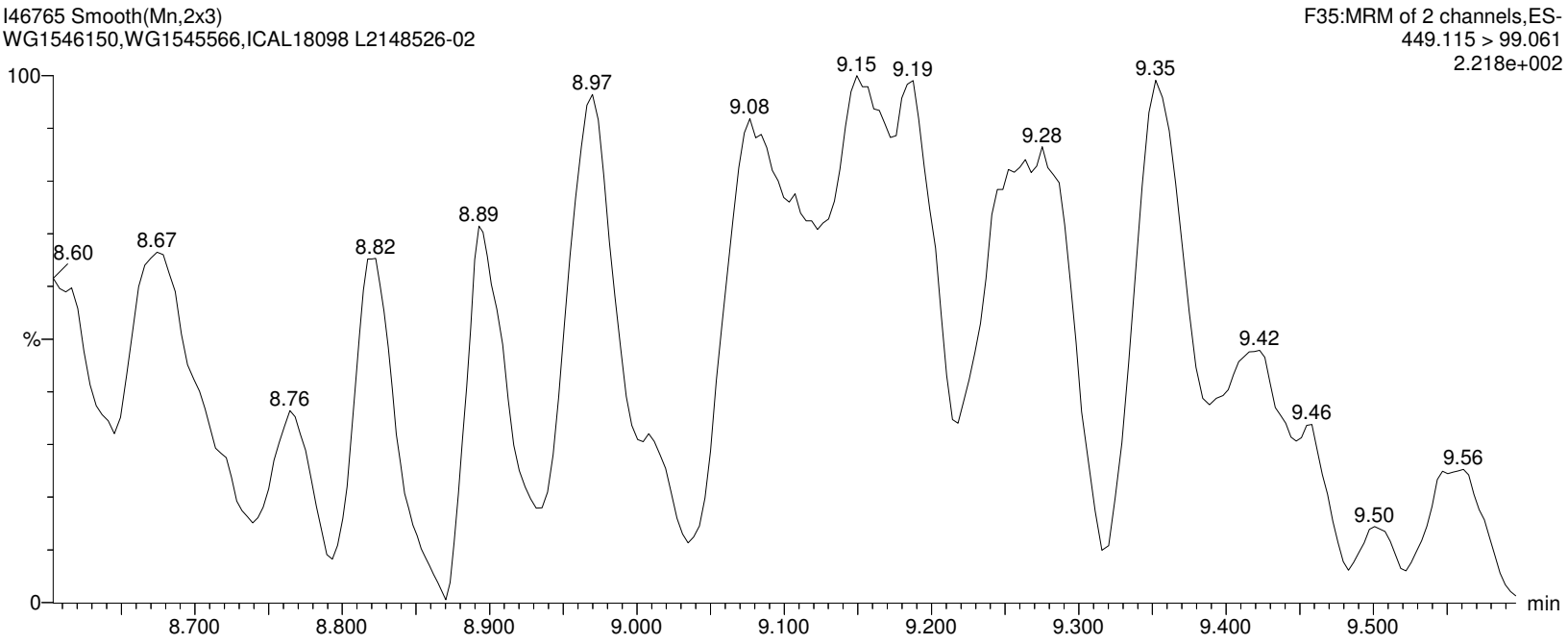
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:58 Eastern Daylight Time

Name: I46765
ID: L2148526-02
Date: 15-Sep-2021
Time: 05:25:47
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpS



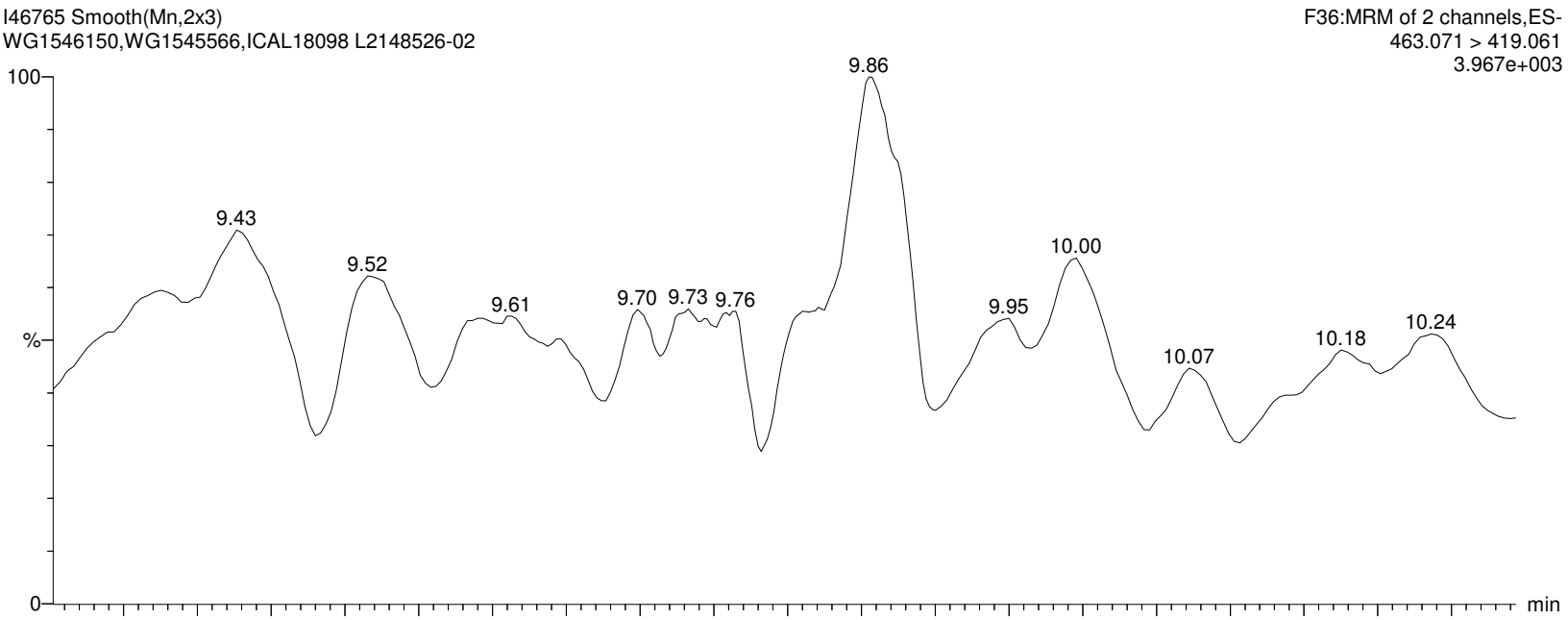


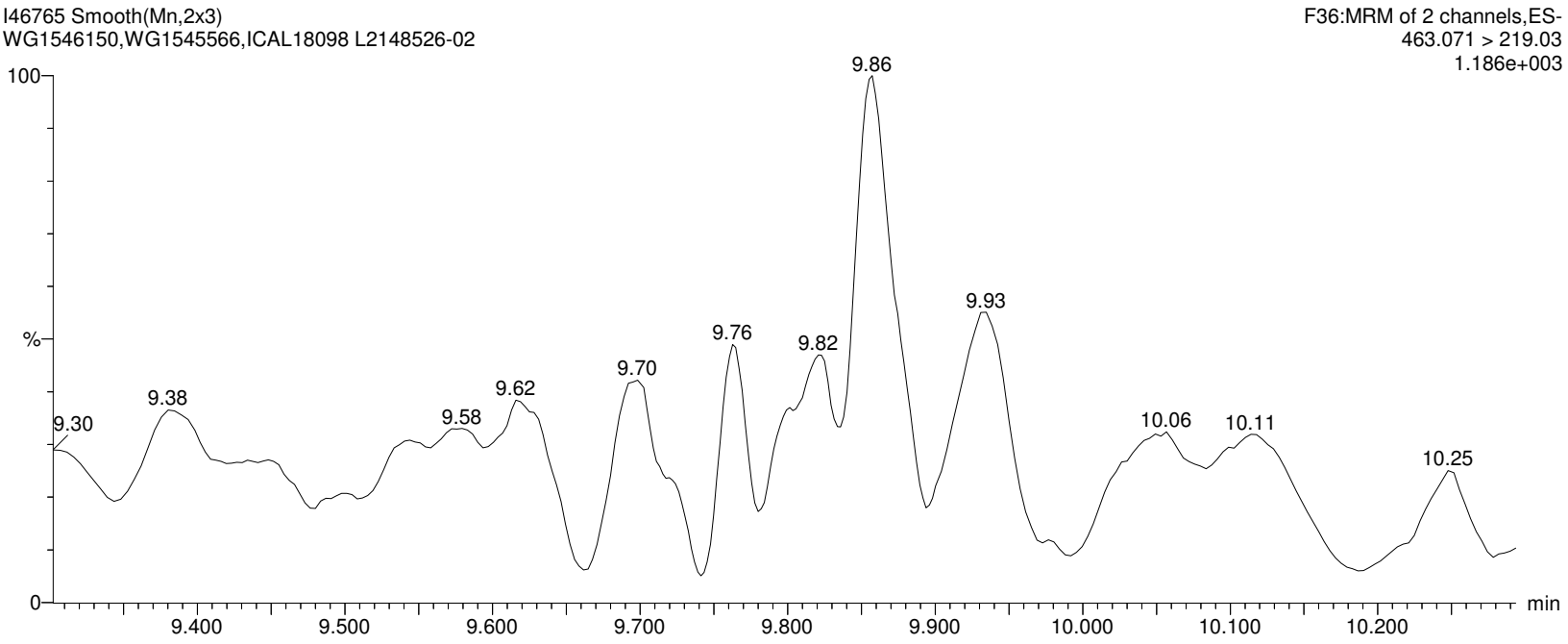
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:58 Eastern Daylight Time

Name: I46765
ID: L2148526-02
Date: 15-Sep-2021
Time: 05:25:47
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNA



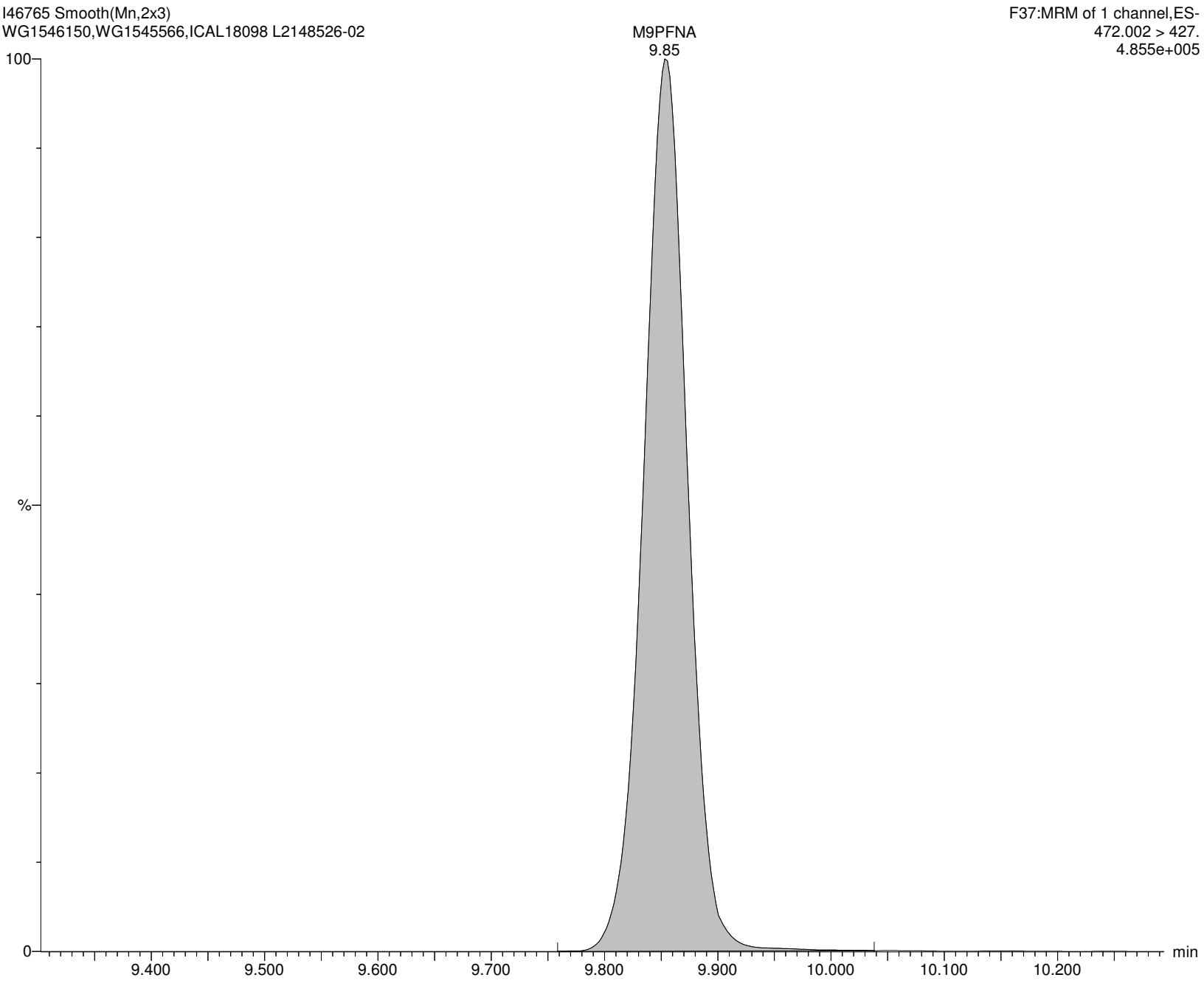


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:58 Eastern Daylight Time

Name: I46765
ID: L2148526-02
Date: 15-Sep-2021
Time: 05:25:47
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M9PFNA

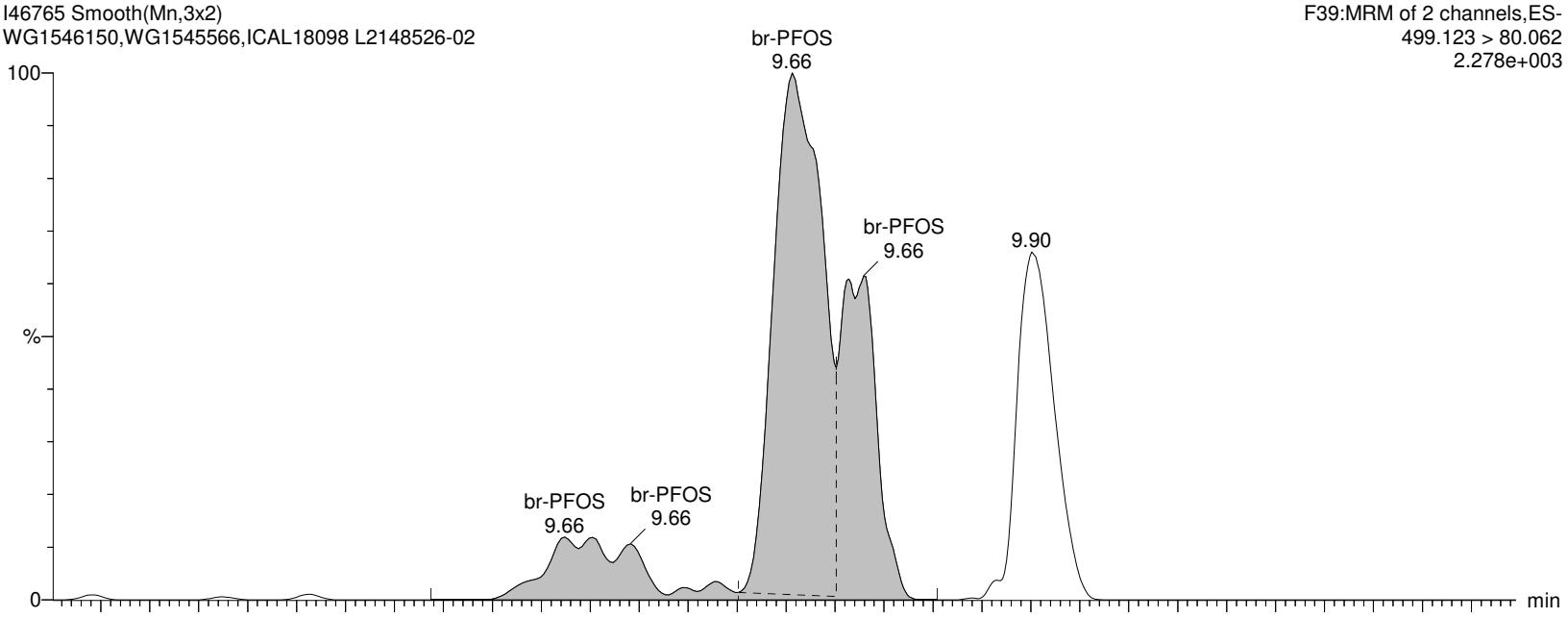


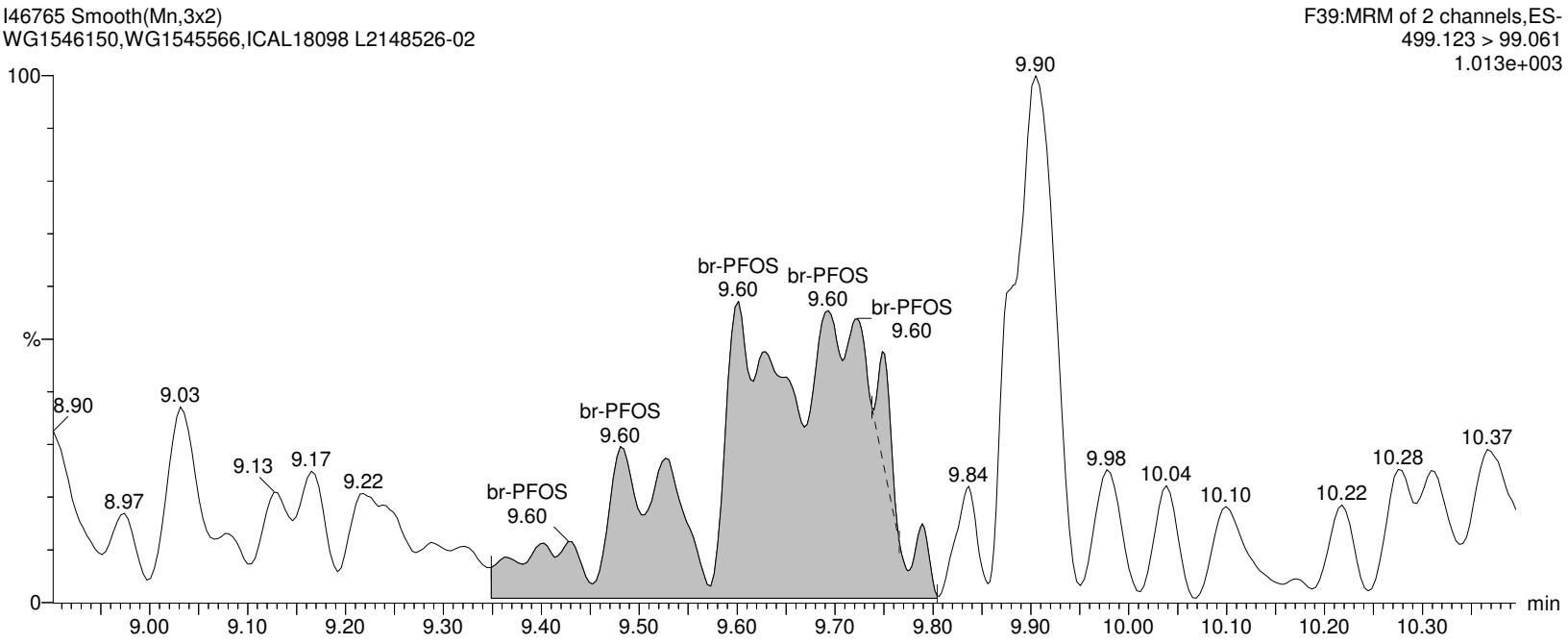
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:58 Eastern Daylight Time

Name: I46765
ID: L2148526-02
Date: 15-Sep-2021
Time: 05:25:47
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOS



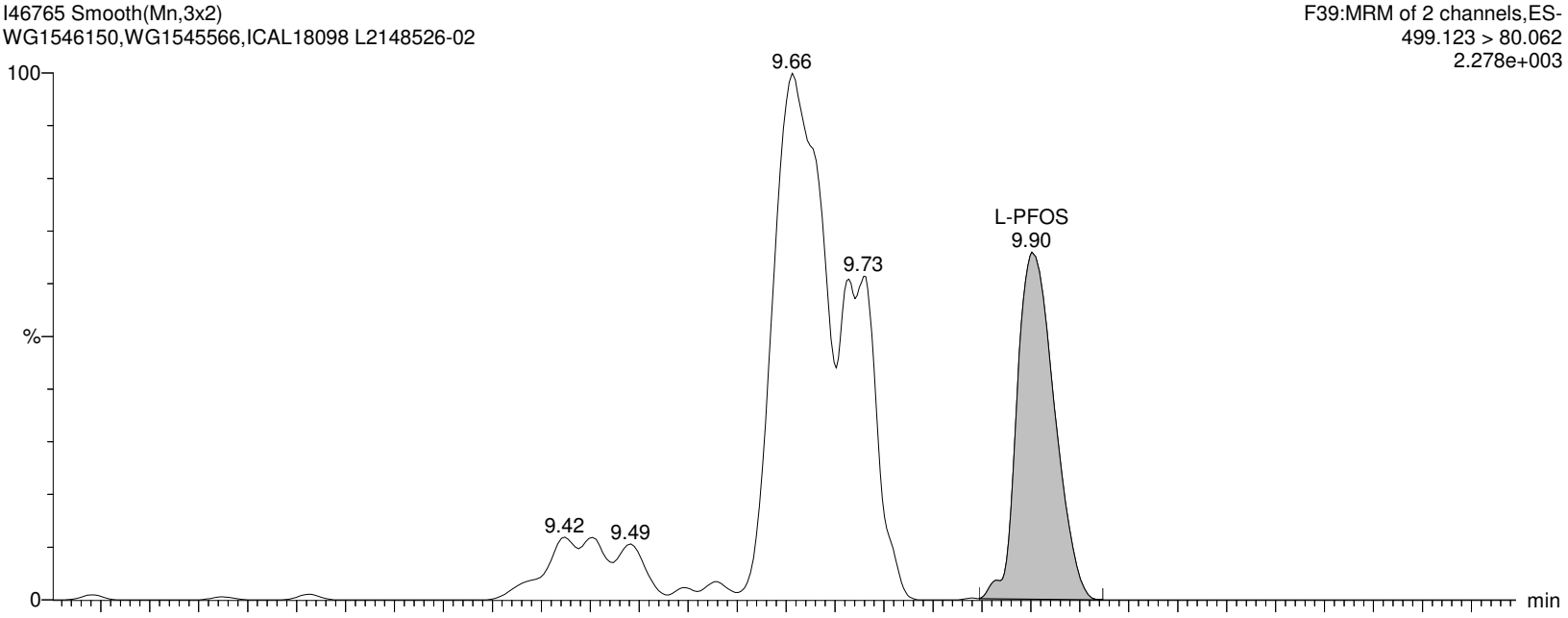


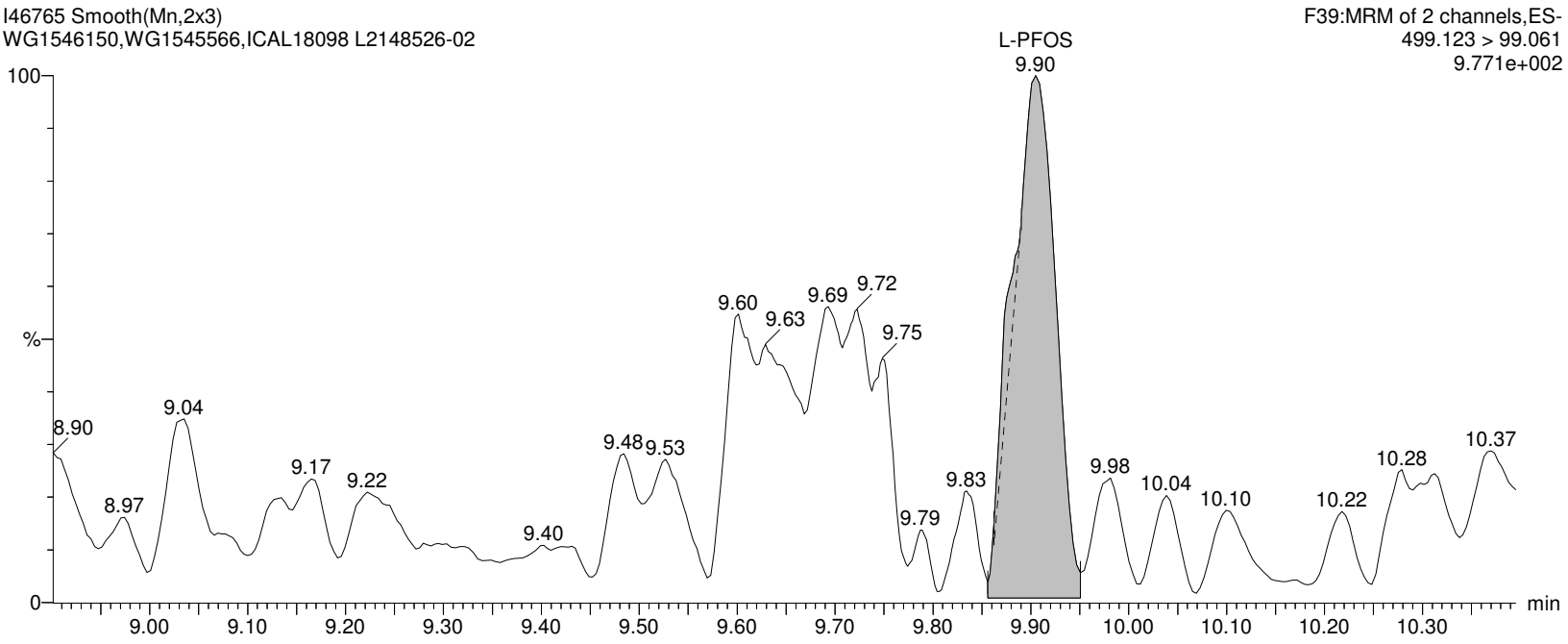
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:58 Eastern Daylight Time

Name: I46765
ID: L2148526-02
Date: 15-Sep-2021
Time: 05:25:47
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOS



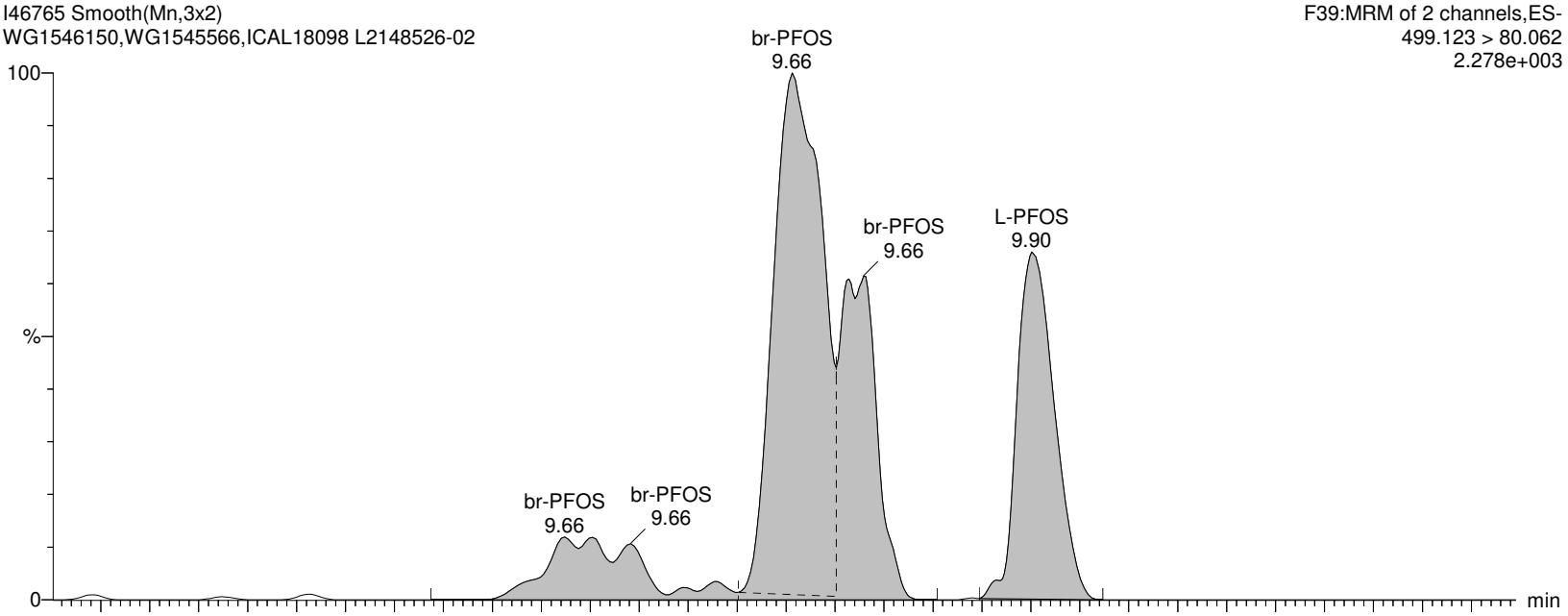


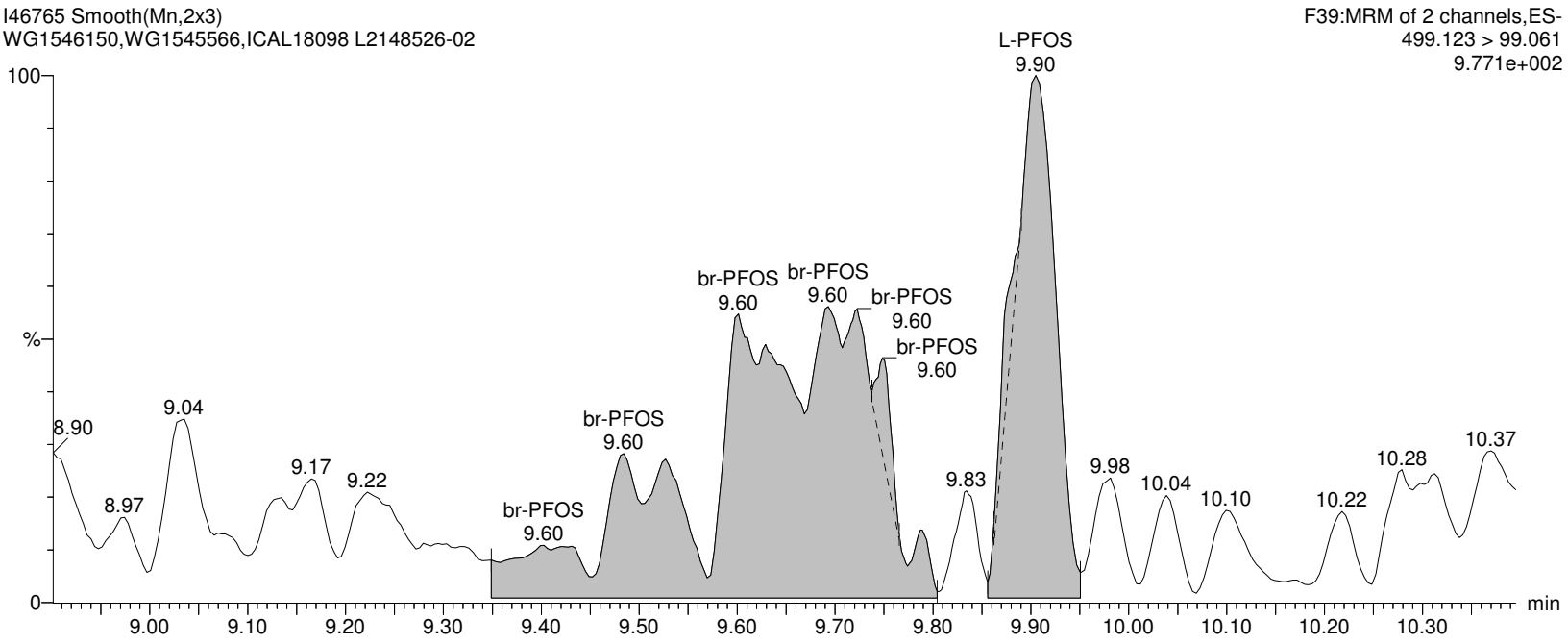
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:58 Eastern Daylight Time

Name: I46765
ID: L2148526-02
Date: 15-Sep-2021
Time: 05:25:47
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOS



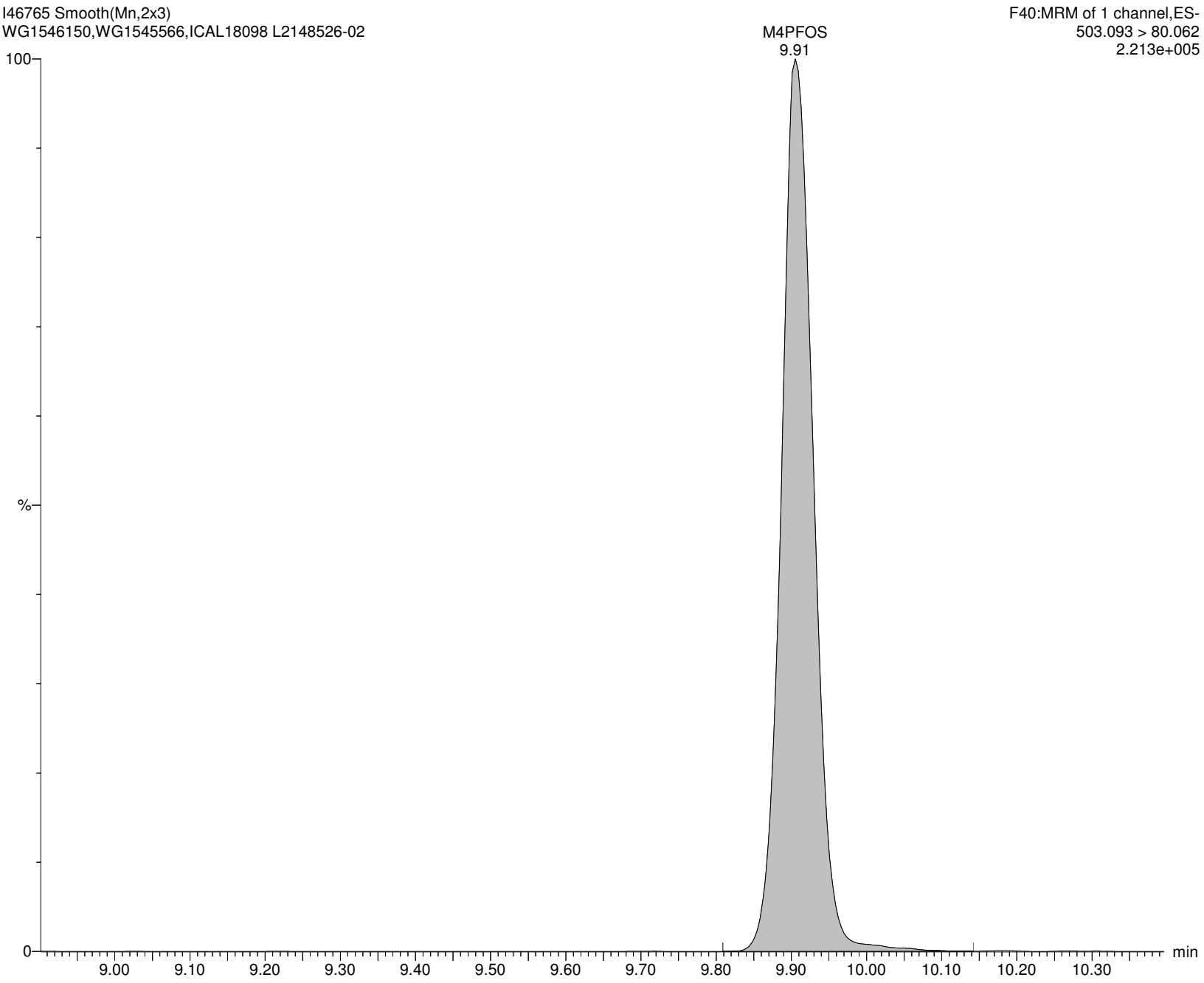


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:58 Eastern Daylight Time

Name: I46765
ID: L2148526-02
Date: 15-Sep-2021
Time: 05:25:47
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOS

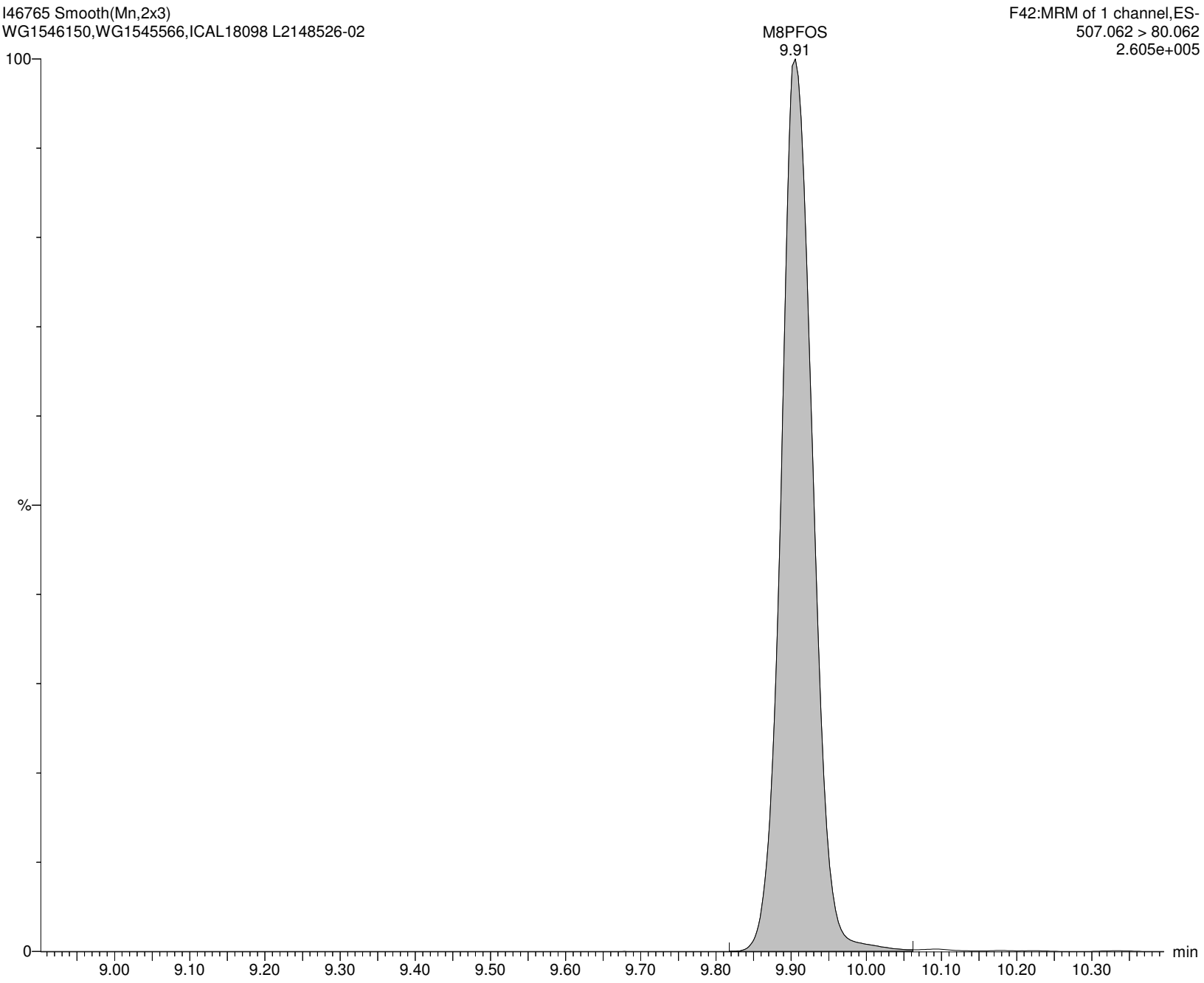


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:58 Eastern Daylight Time

Name: I46765
ID: L2148526-02
Date: 15-Sep-2021
Time: 05:25:47
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOS

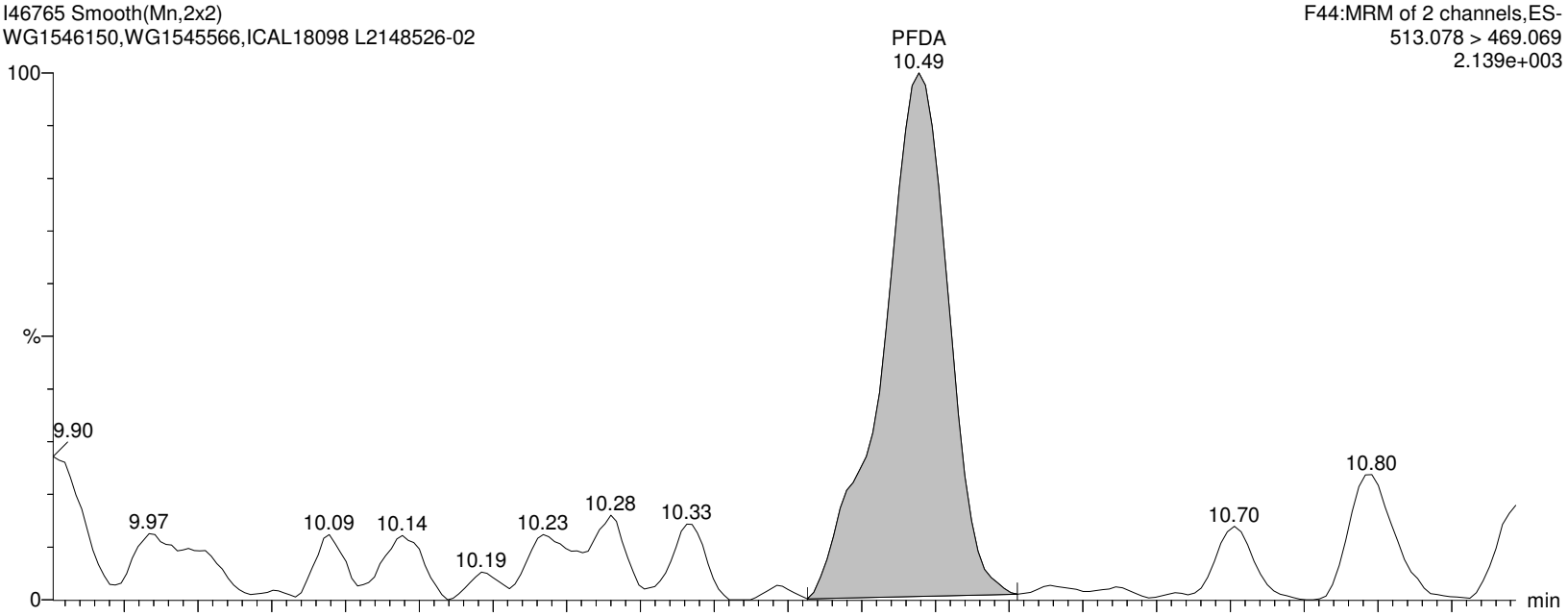


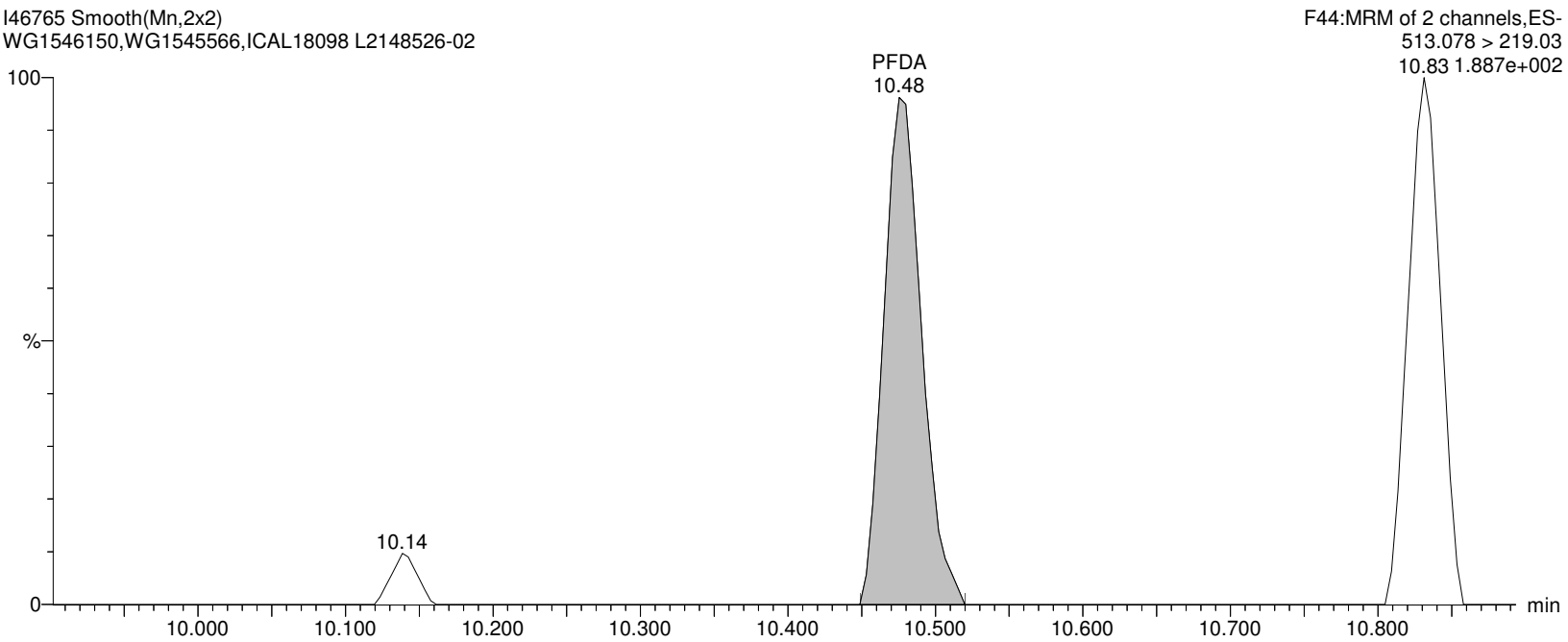
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:58 Eastern Daylight Time

Name: I46765
ID: L2148526-02
Date: 15-Sep-2021
Time: 05:25:47
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDA



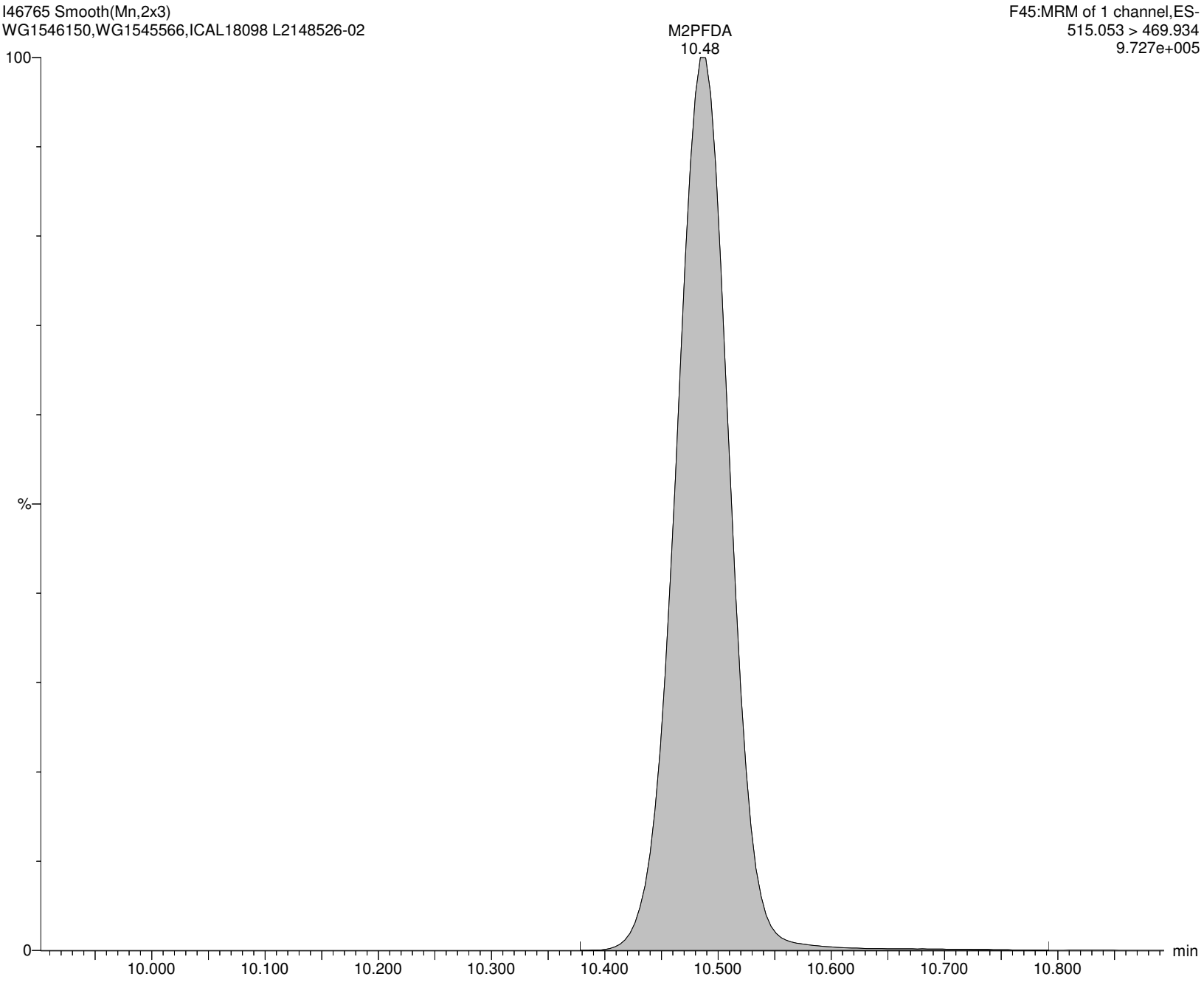


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:58 Eastern Daylight Time

Name: I46765
ID: L2148526-02
Date: 15-Sep-2021
Time: 05:25:47
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFDA

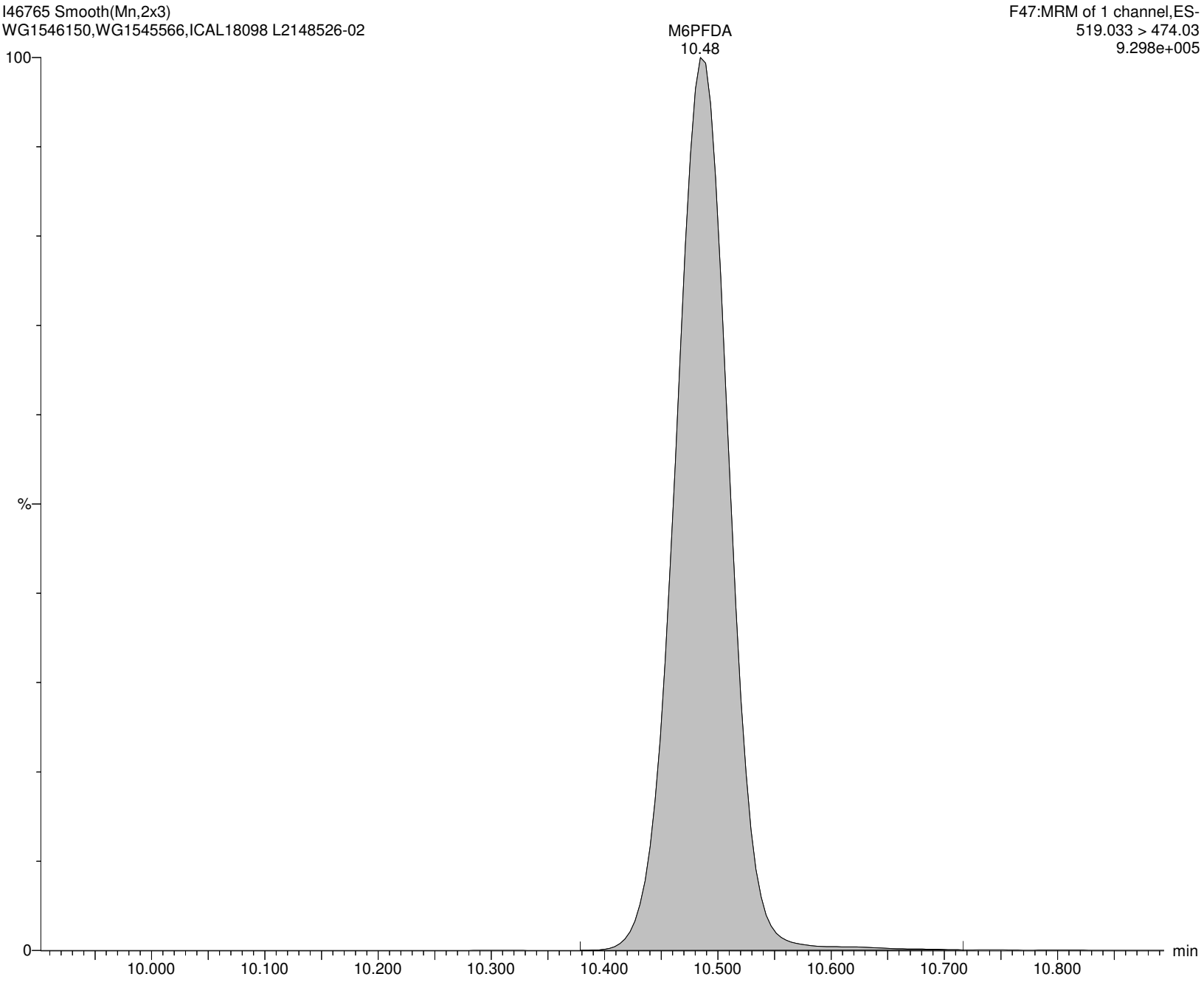


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:58 Eastern Daylight Time

Name: I46765
ID: L2148526-02
Date: 15-Sep-2021
Time: 05:25:47
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M6PFDA

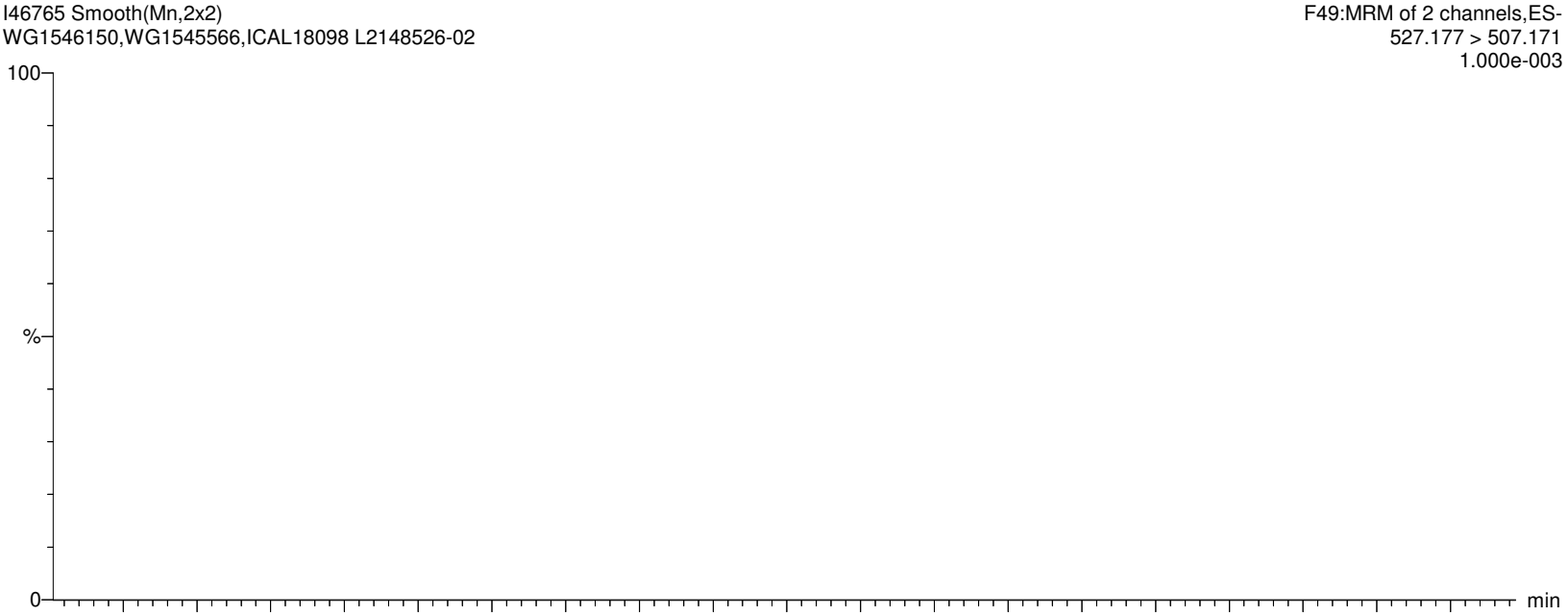


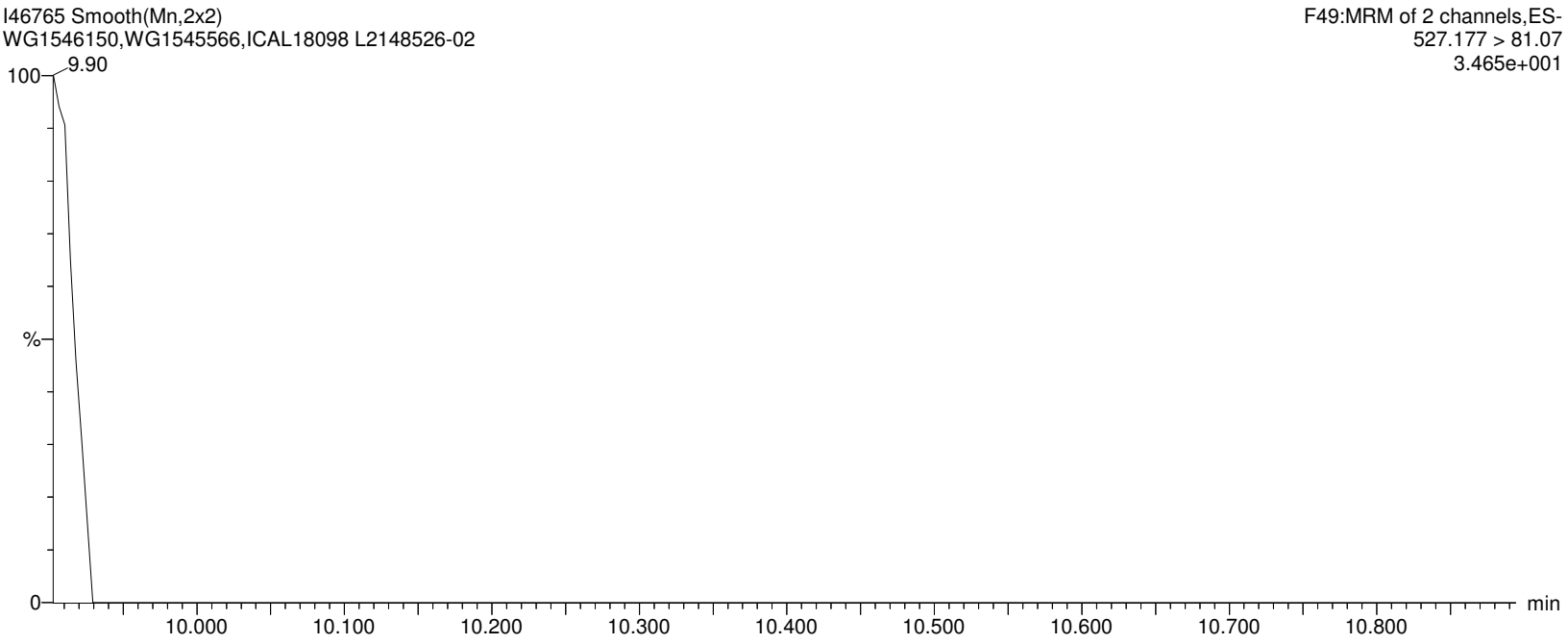
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:58 Eastern Daylight Time

Name: I46765
ID: L2148526-02
Date: 15-Sep-2021
Time: 05:25:47
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

8:2FTS



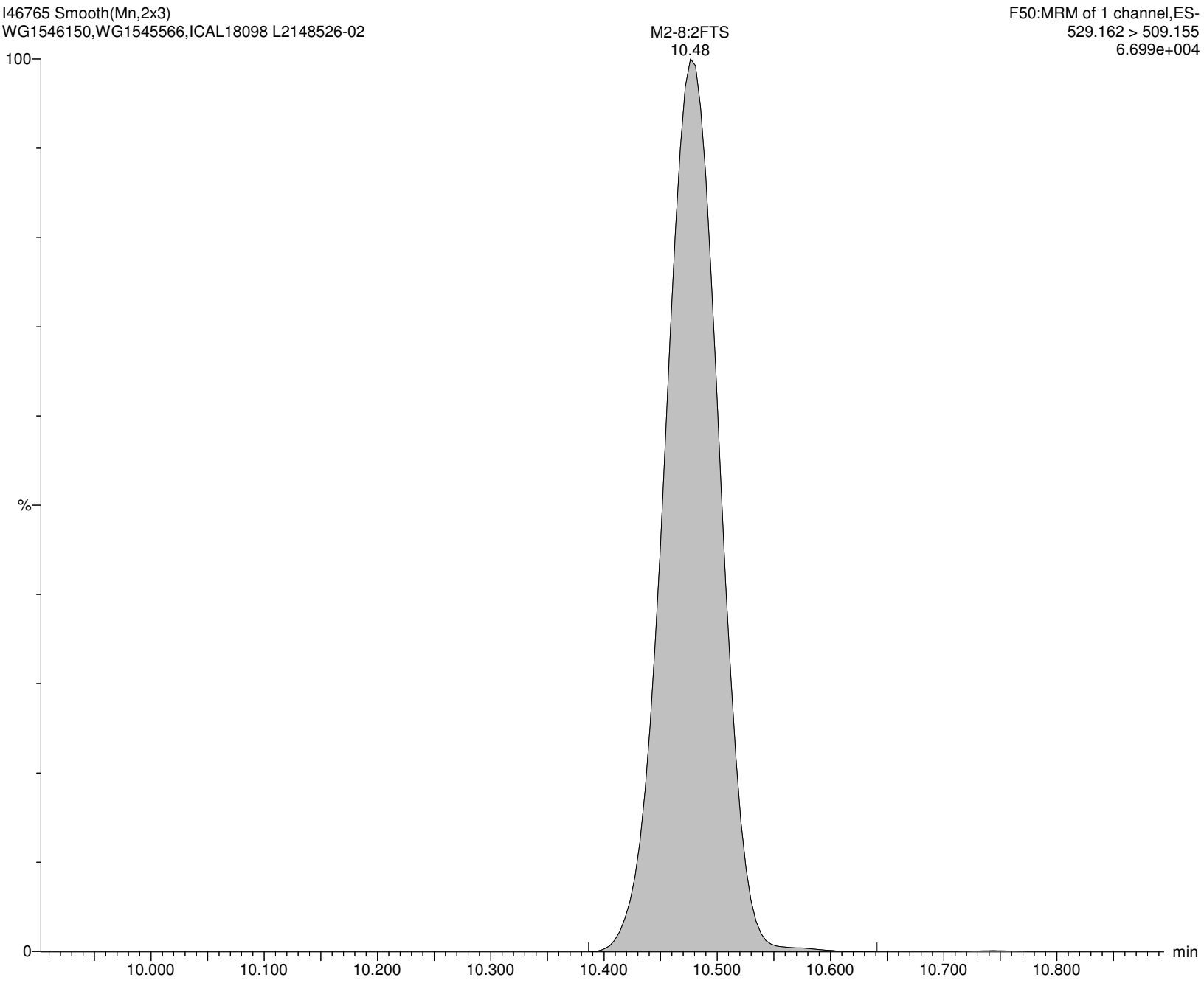


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:58 Eastern Daylight Time

Name: I46765
ID: L2148526-02
Date: 15-Sep-2021
Time: 05:25:47
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-8:2FTS

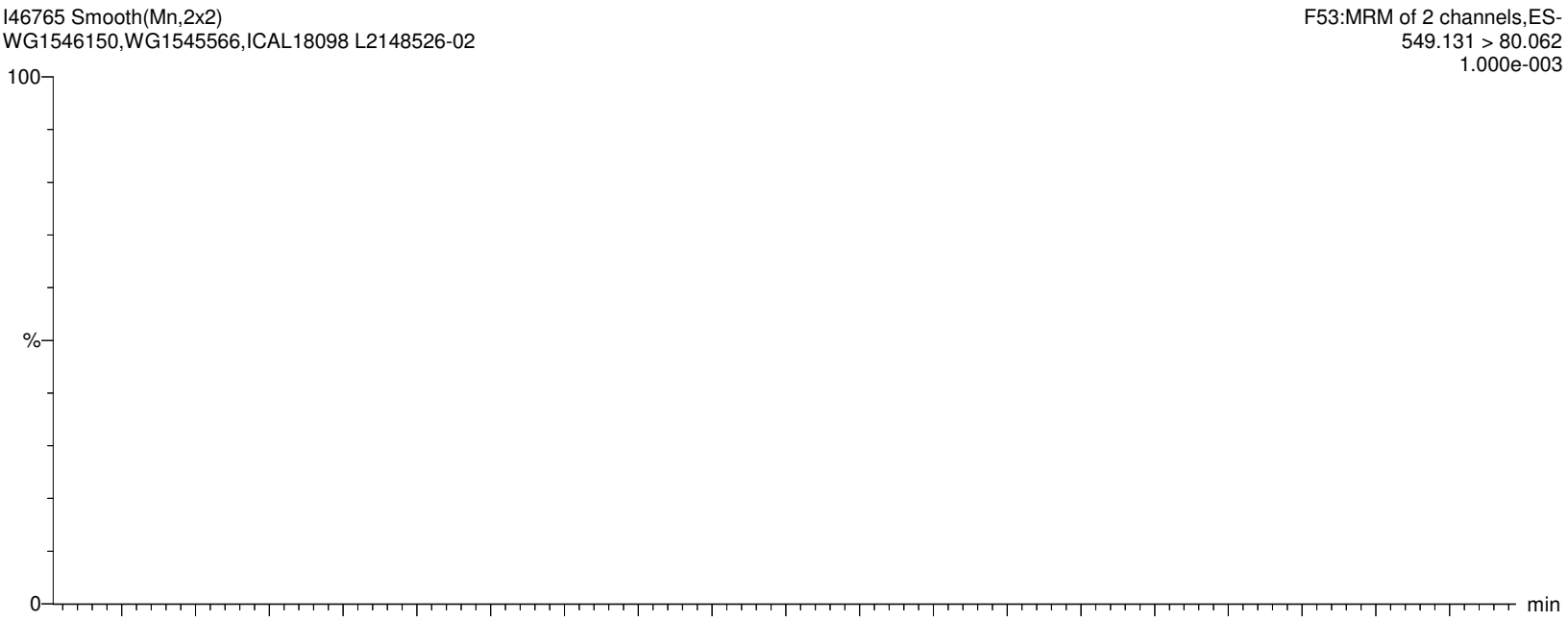


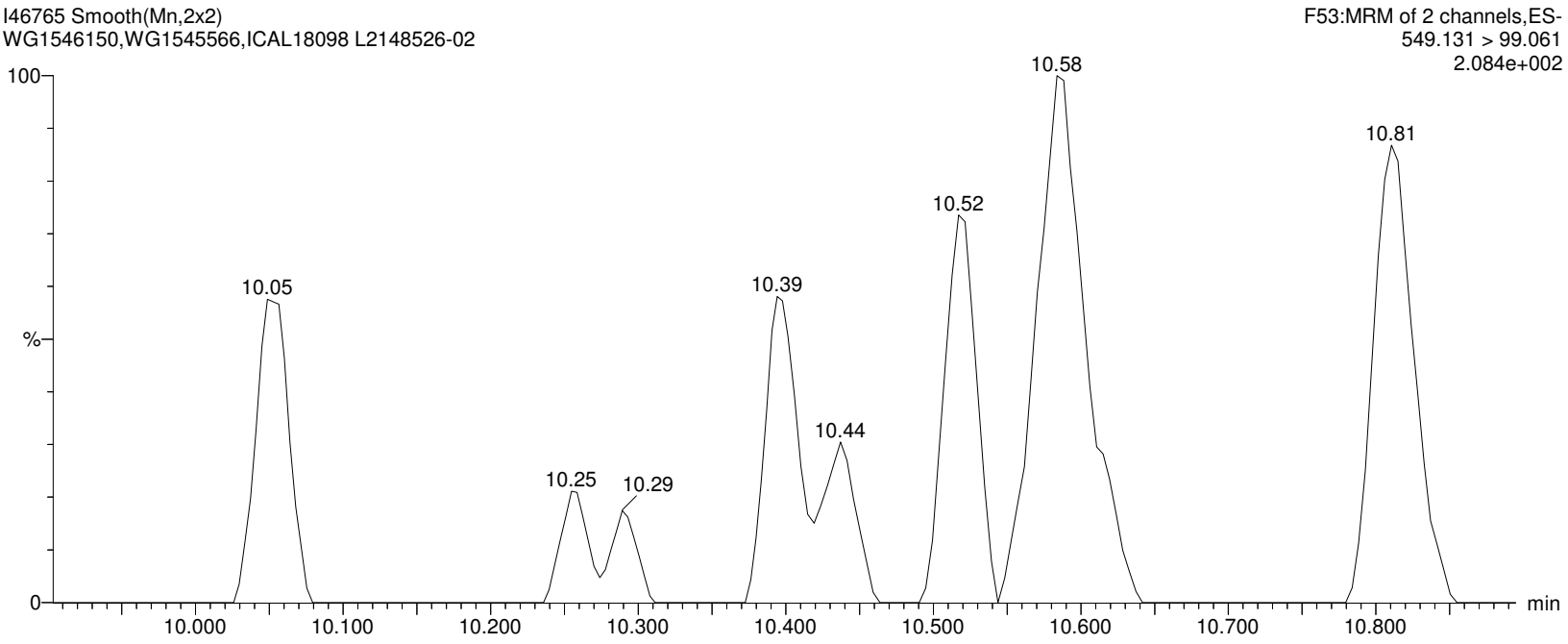
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:58 Eastern Daylight Time

Name: I46765
ID: L2148526-02
Date: 15-Sep-2021
Time: 05:25:47
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNS



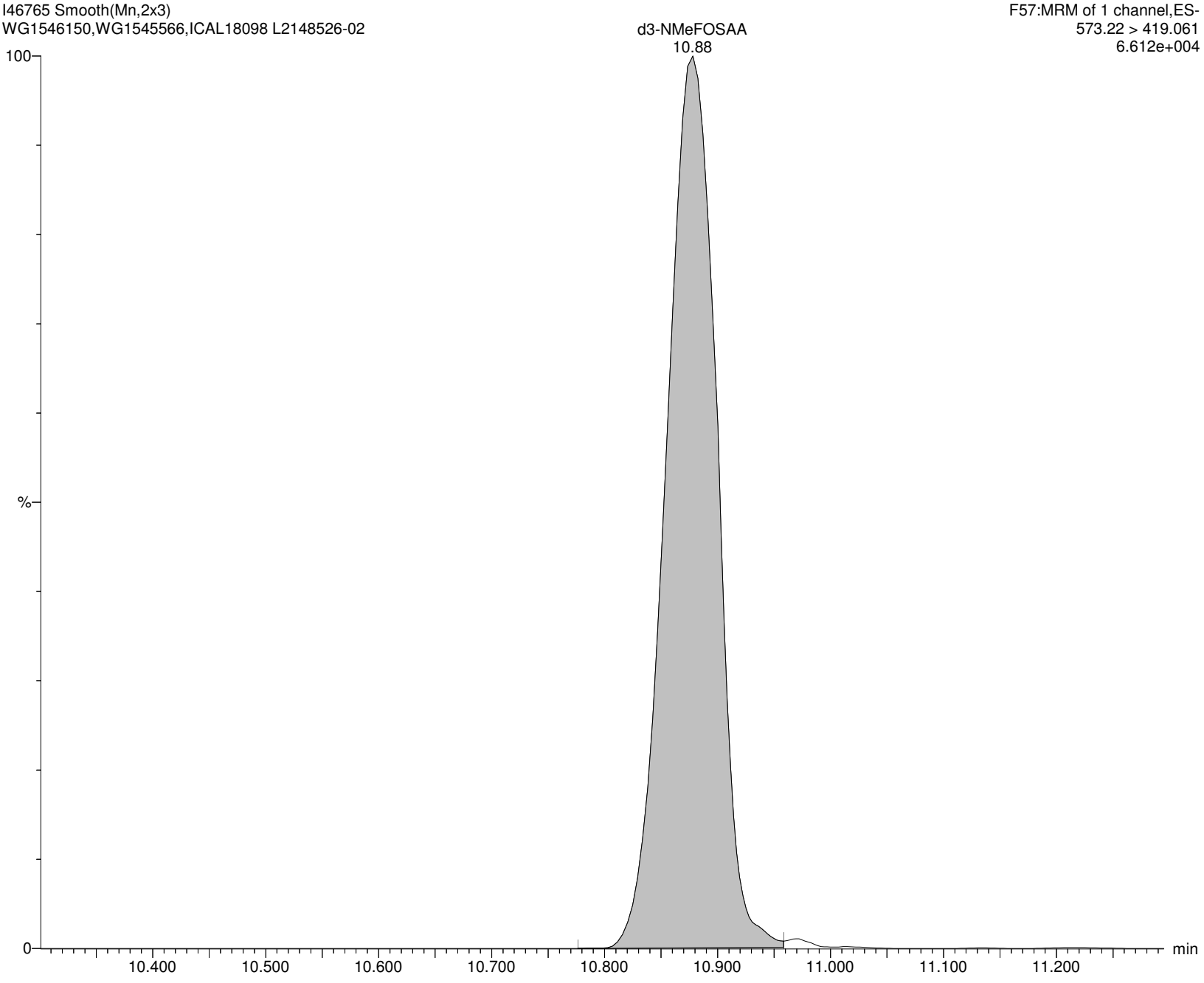


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:58 Eastern Daylight Time

Name: I46765
ID: L2148526-02
Date: 15-Sep-2021
Time: 05:25:47
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSAA

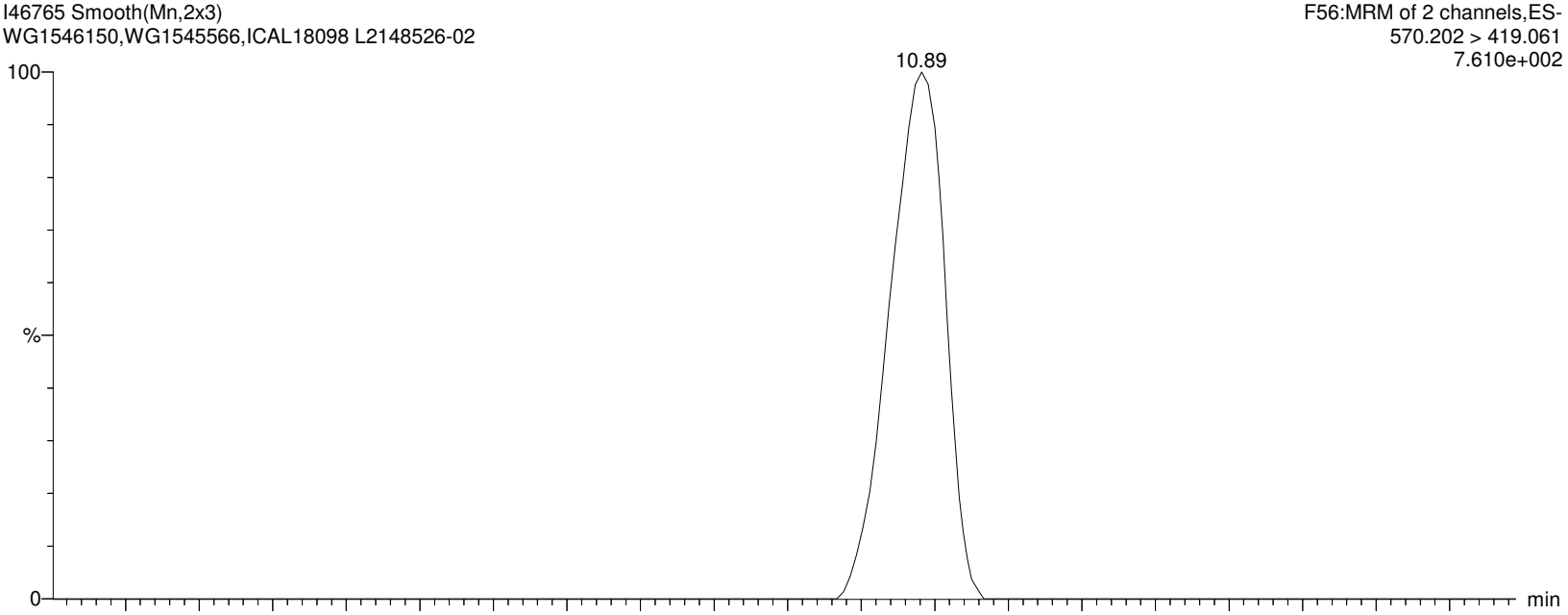


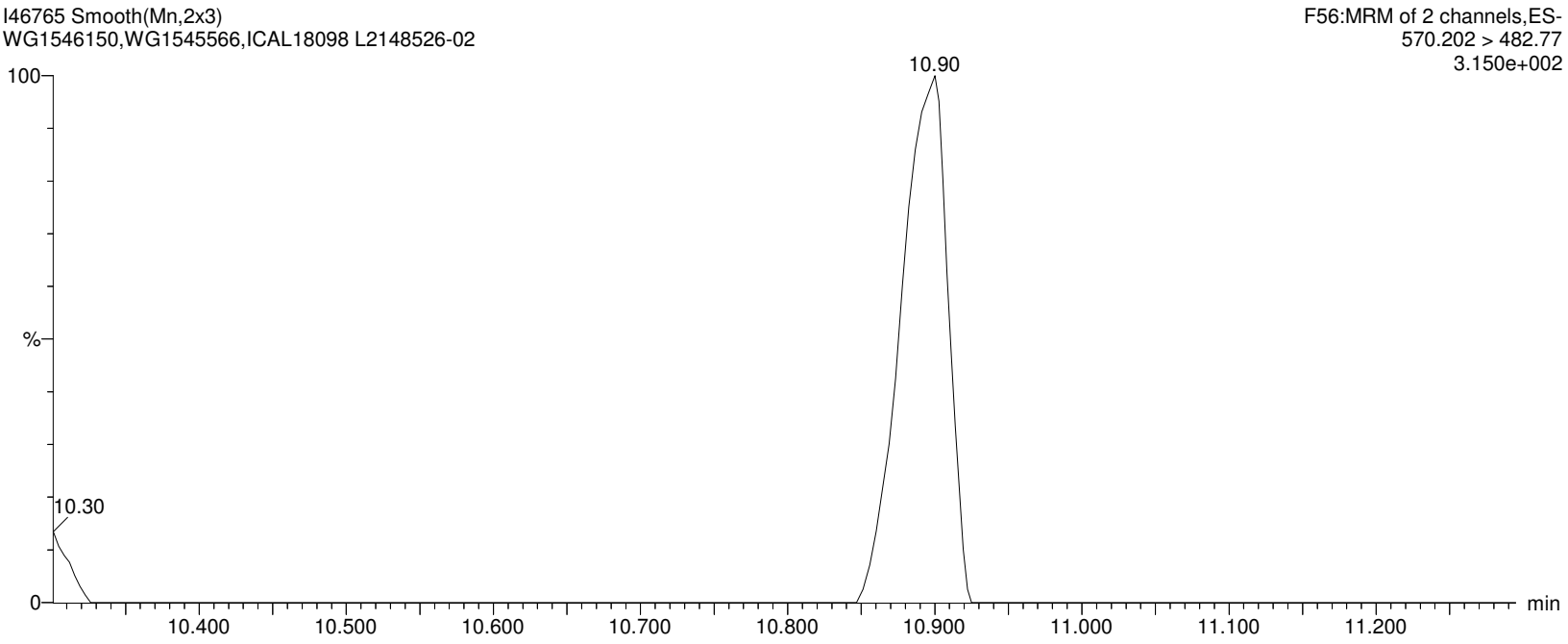
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:58 Eastern Daylight Time

Name: I46765
ID: L2148526-02
Date: 15-Sep-2021
Time: 05:25:47
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NMeFOSAA



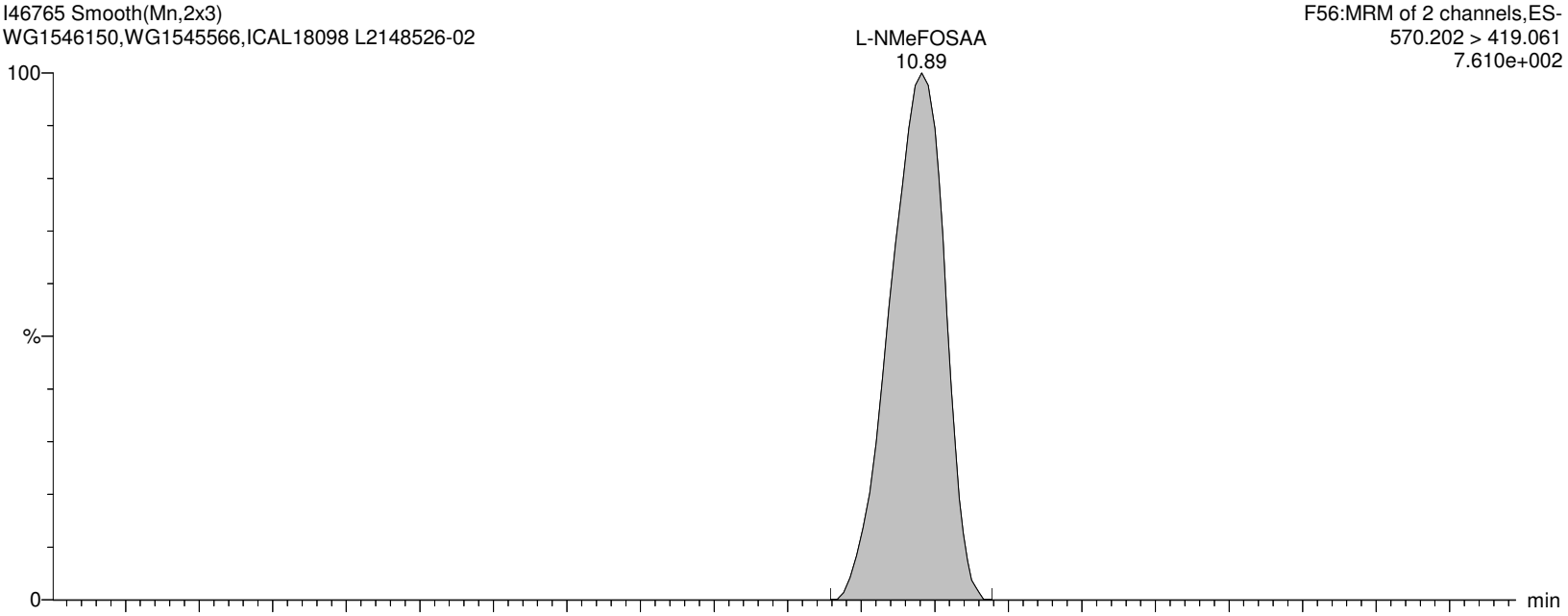


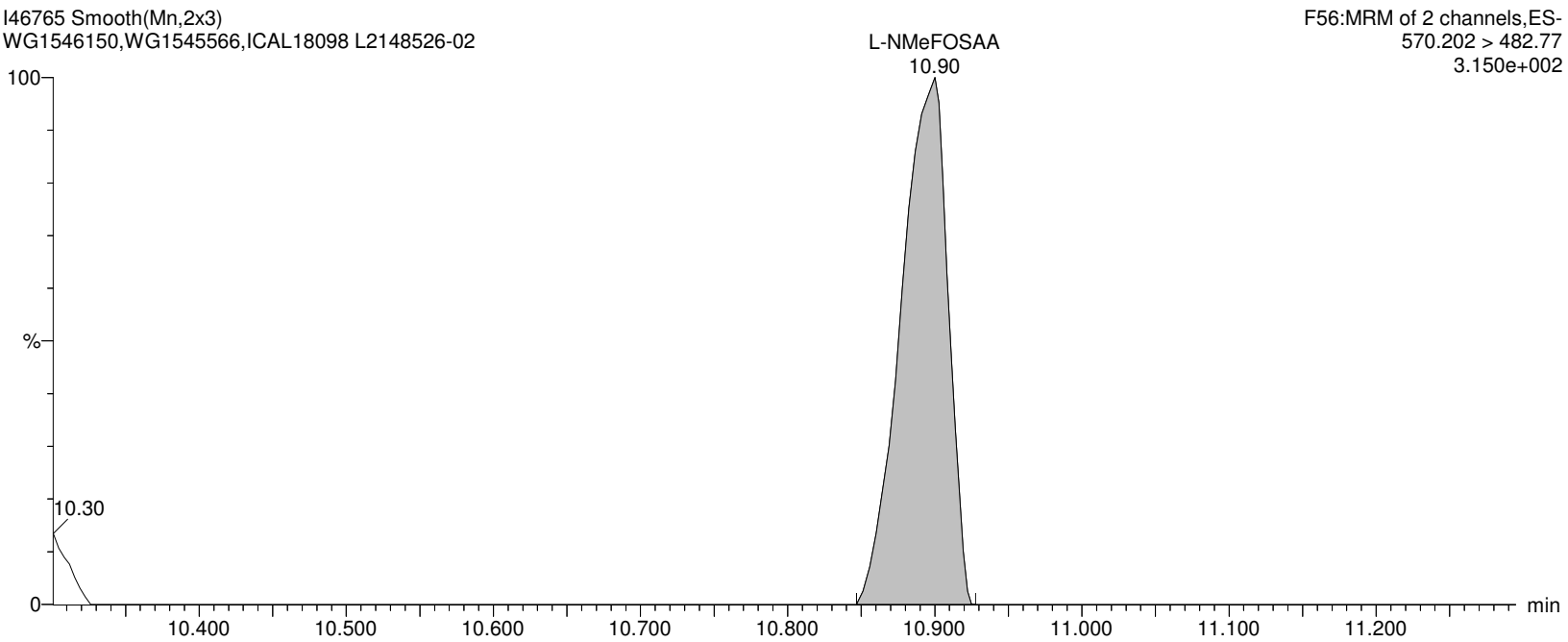
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:58 Eastern Daylight Time

Name: I46765
ID: L2148526-02
Date: 15-Sep-2021
Time: 05:25:47
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NMeFOSAA



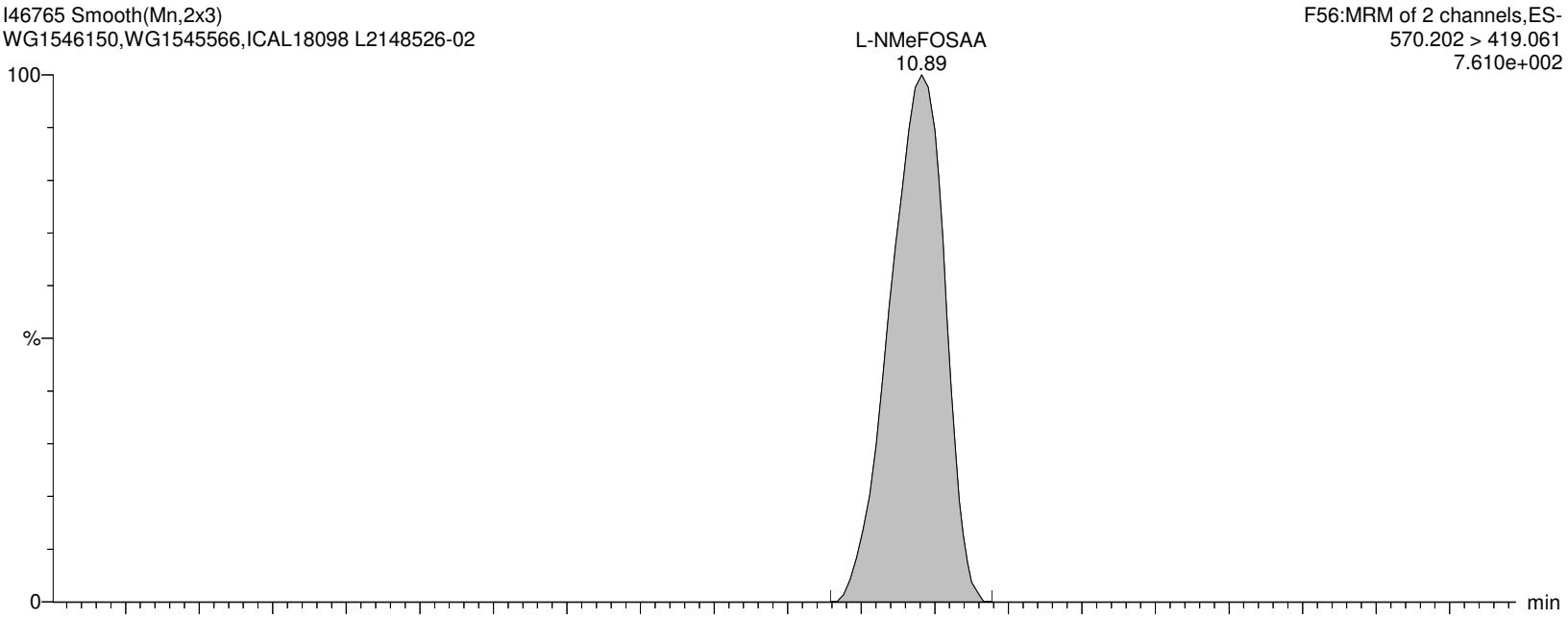


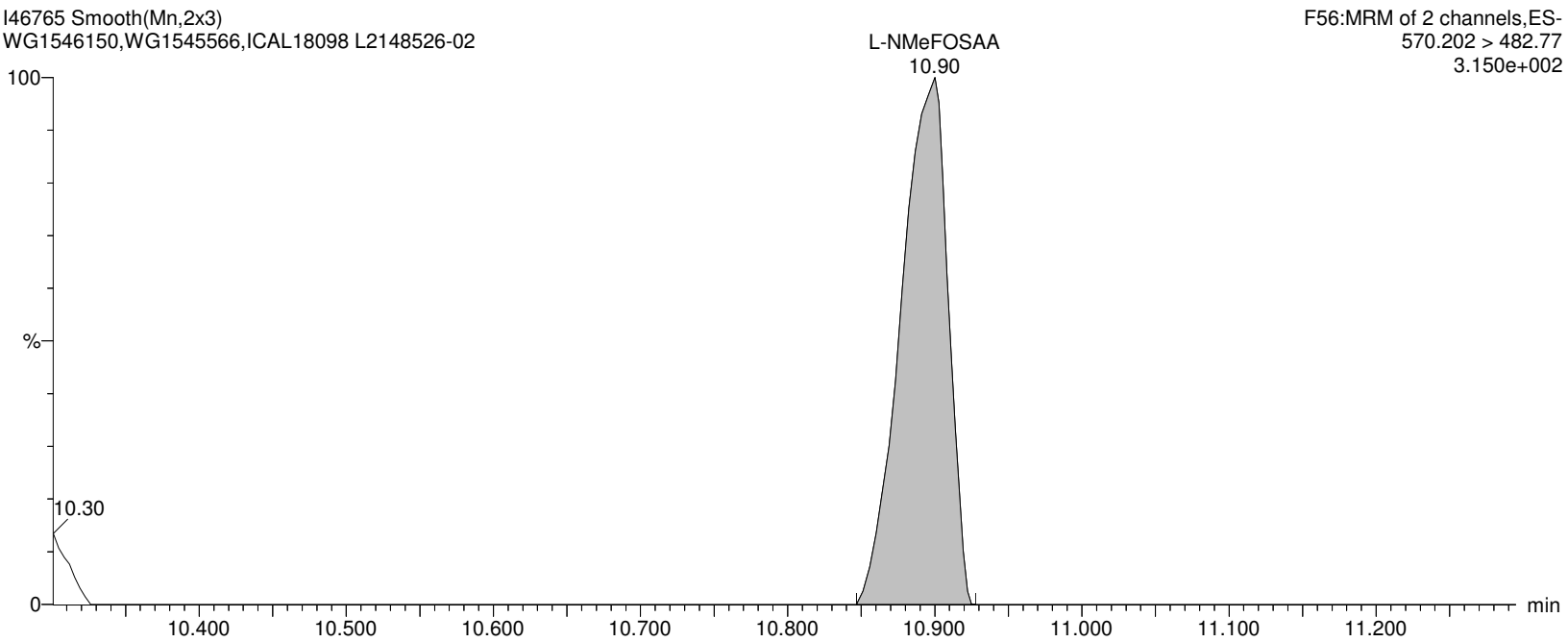
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:58 Eastern Daylight Time

Name: I46765
ID: L2148526-02
Date: 15-Sep-2021
Time: 05:25:47
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSAA



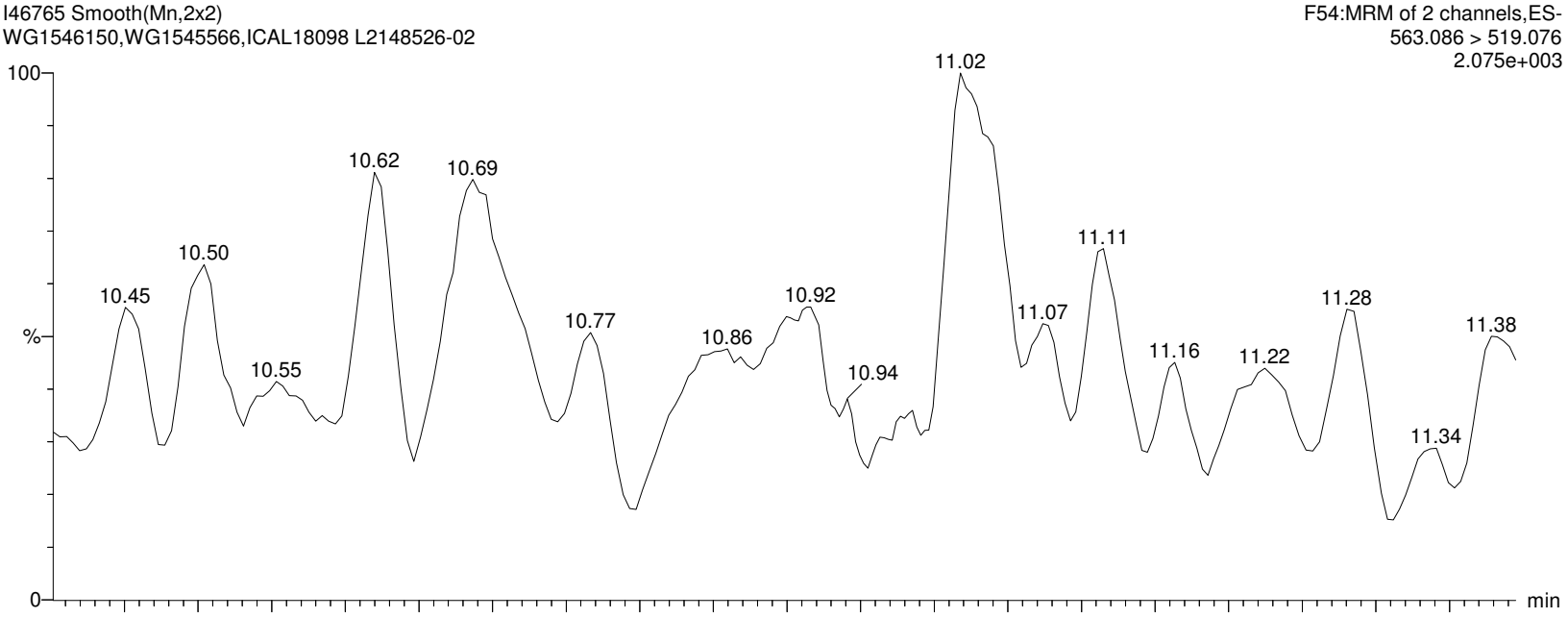


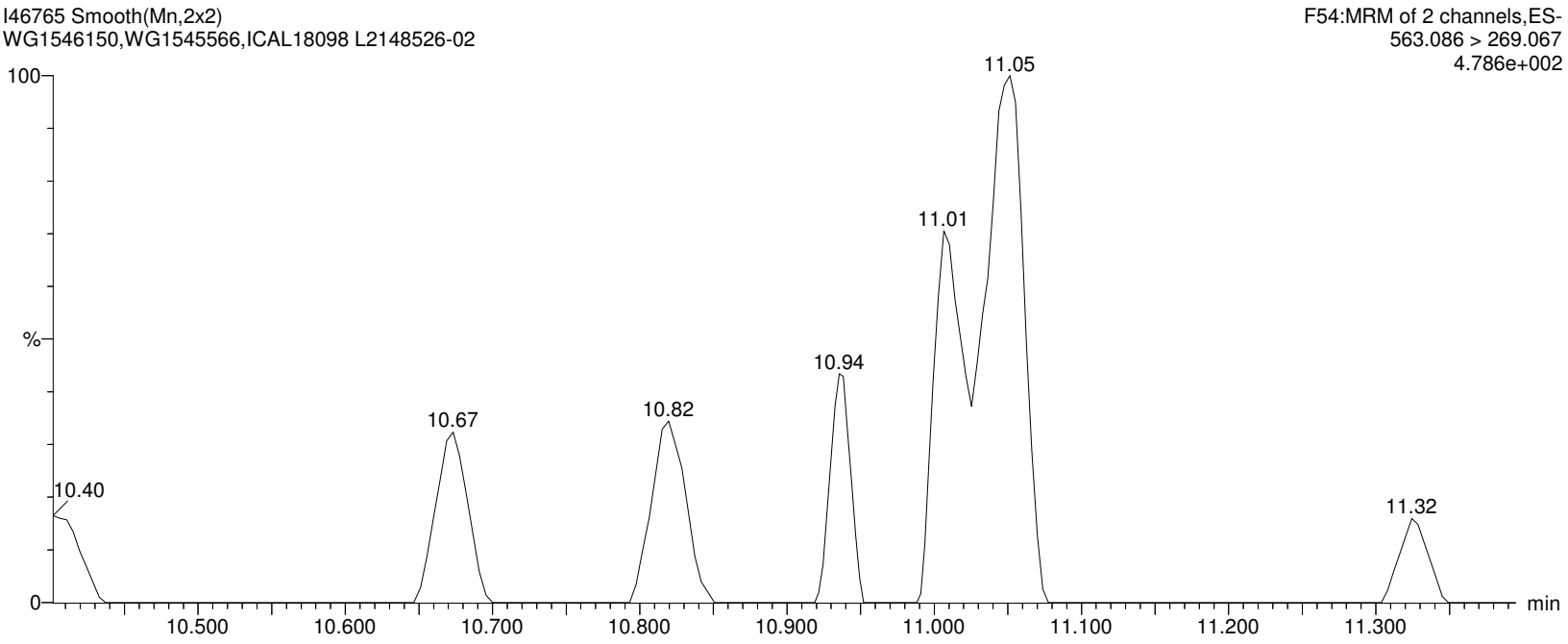
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:58 Eastern Daylight Time

Name: I46765
ID: L2148526-02
Date: 15-Sep-2021
Time: 05:25:47
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFUnA



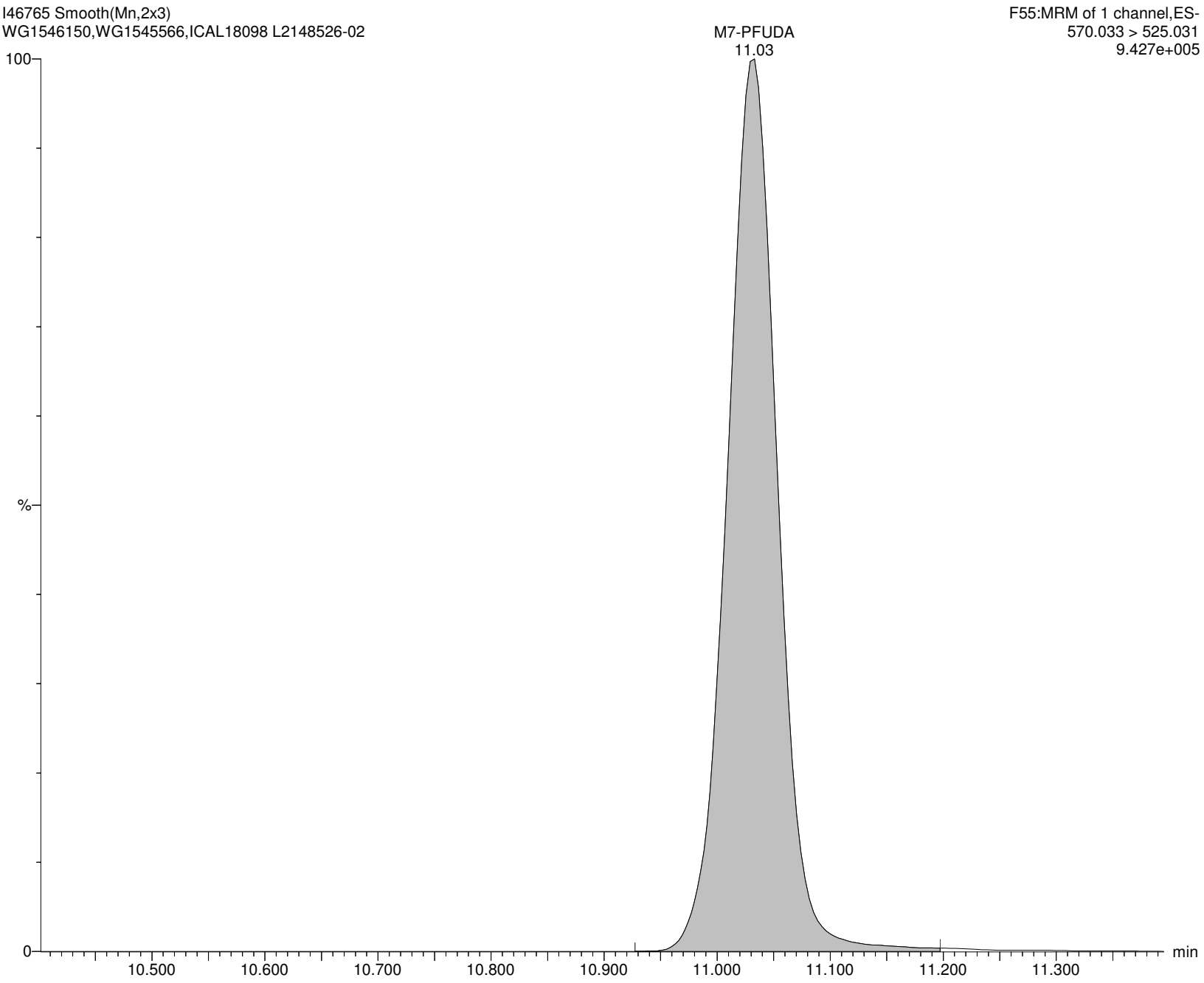


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:58 Eastern Daylight Time

Name: I46765
ID: L2148526-02
Date: 15-Sep-2021
Time: 05:25:47
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M7-PFUDA

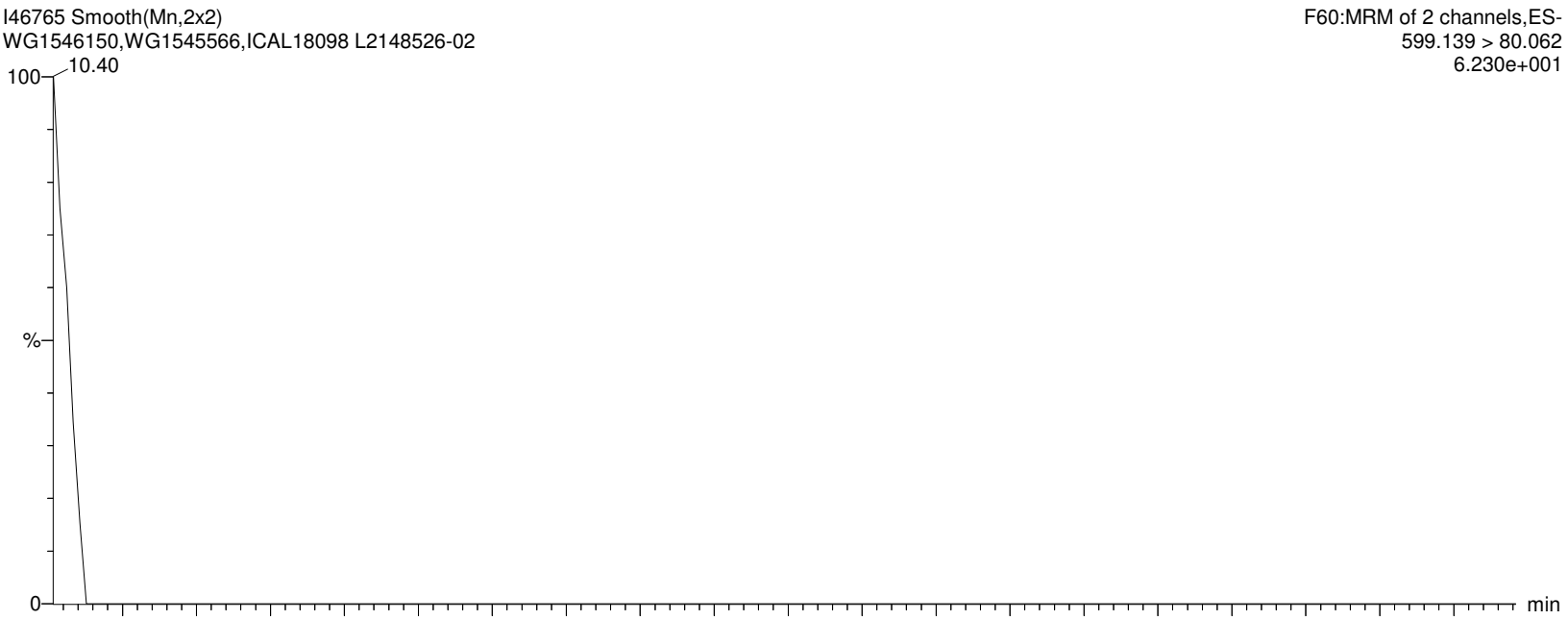


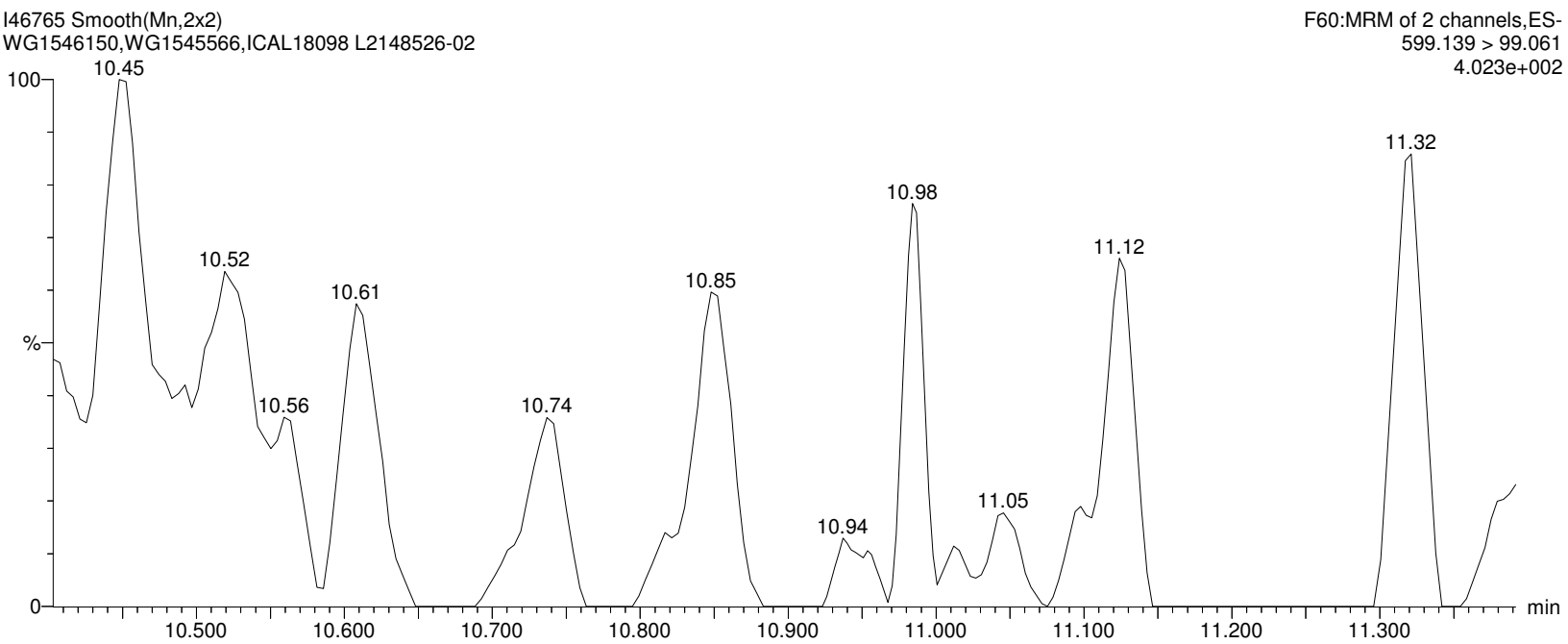
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:58 Eastern Daylight Time

Name: I46765
ID: L2148526-02
Date: 15-Sep-2021
Time: 05:25:47
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDS



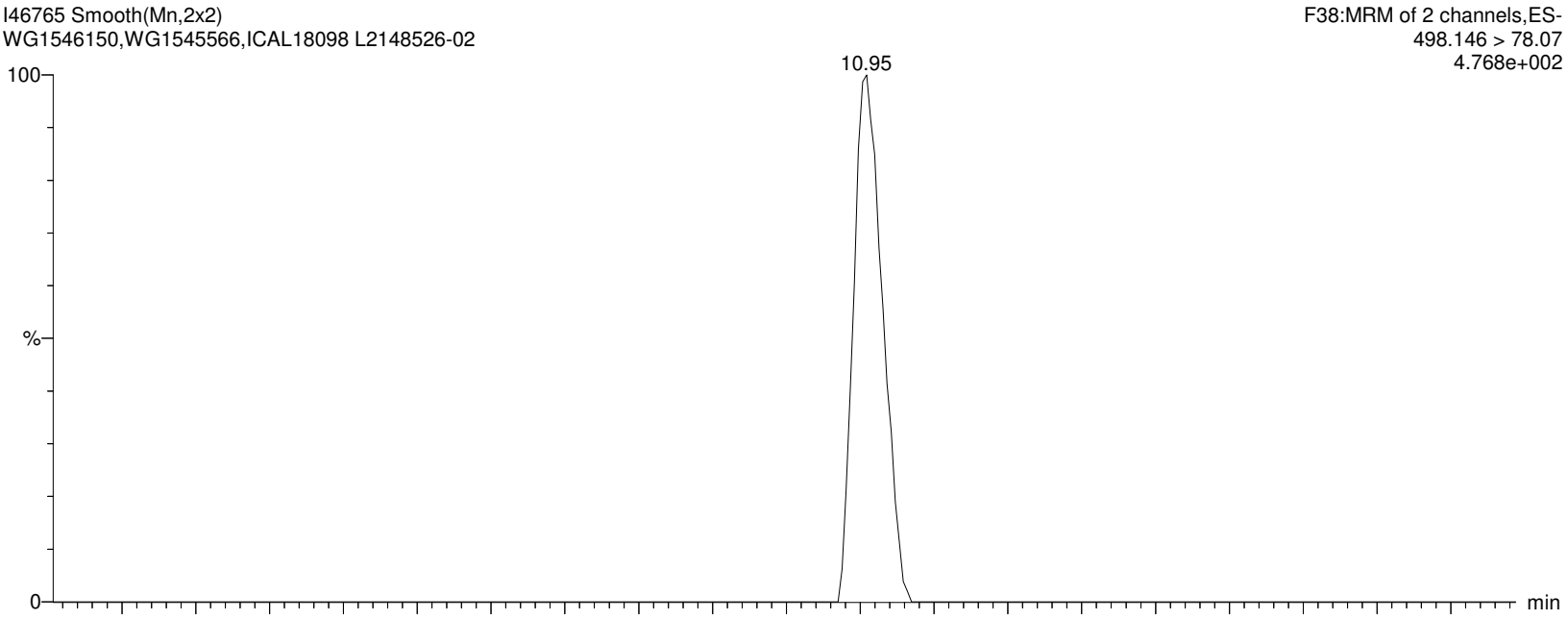


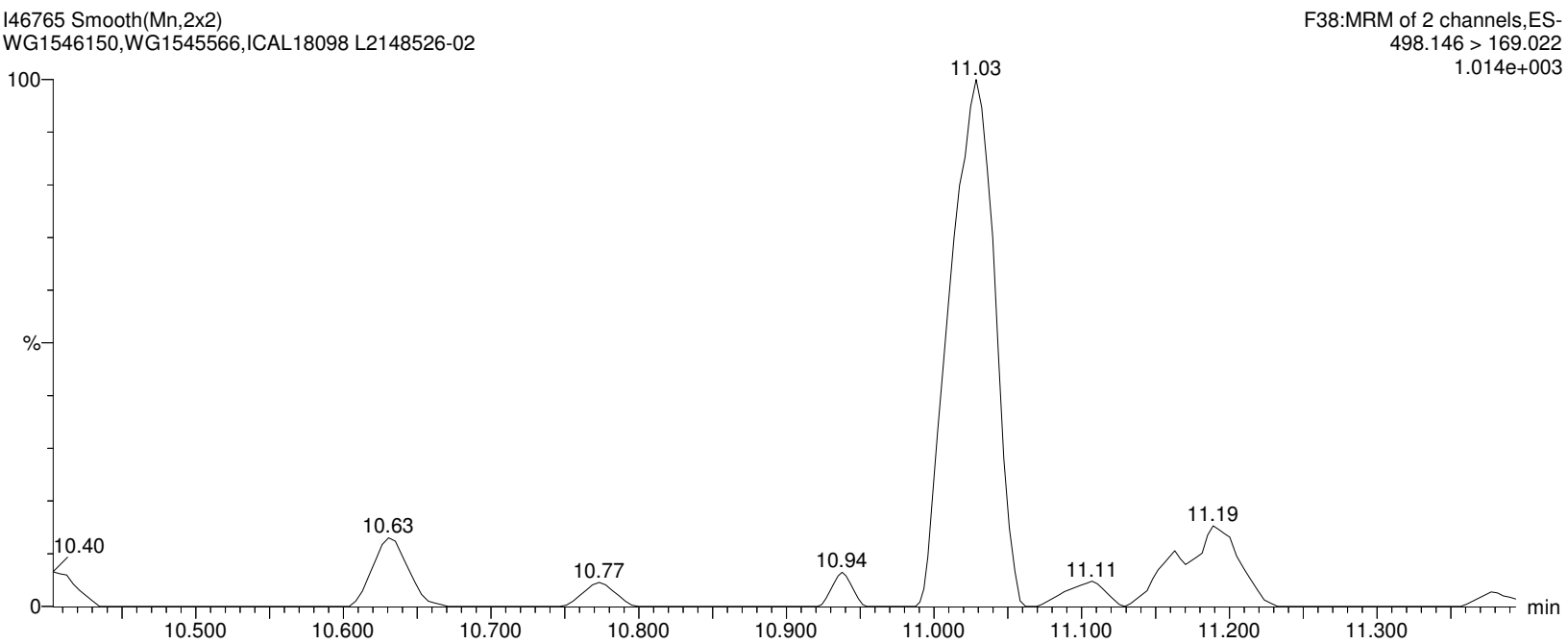
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:58 Eastern Daylight Time

Name: I46765
ID: L2148526-02
Date: 15-Sep-2021
Time: 05:25:47
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

FOSA



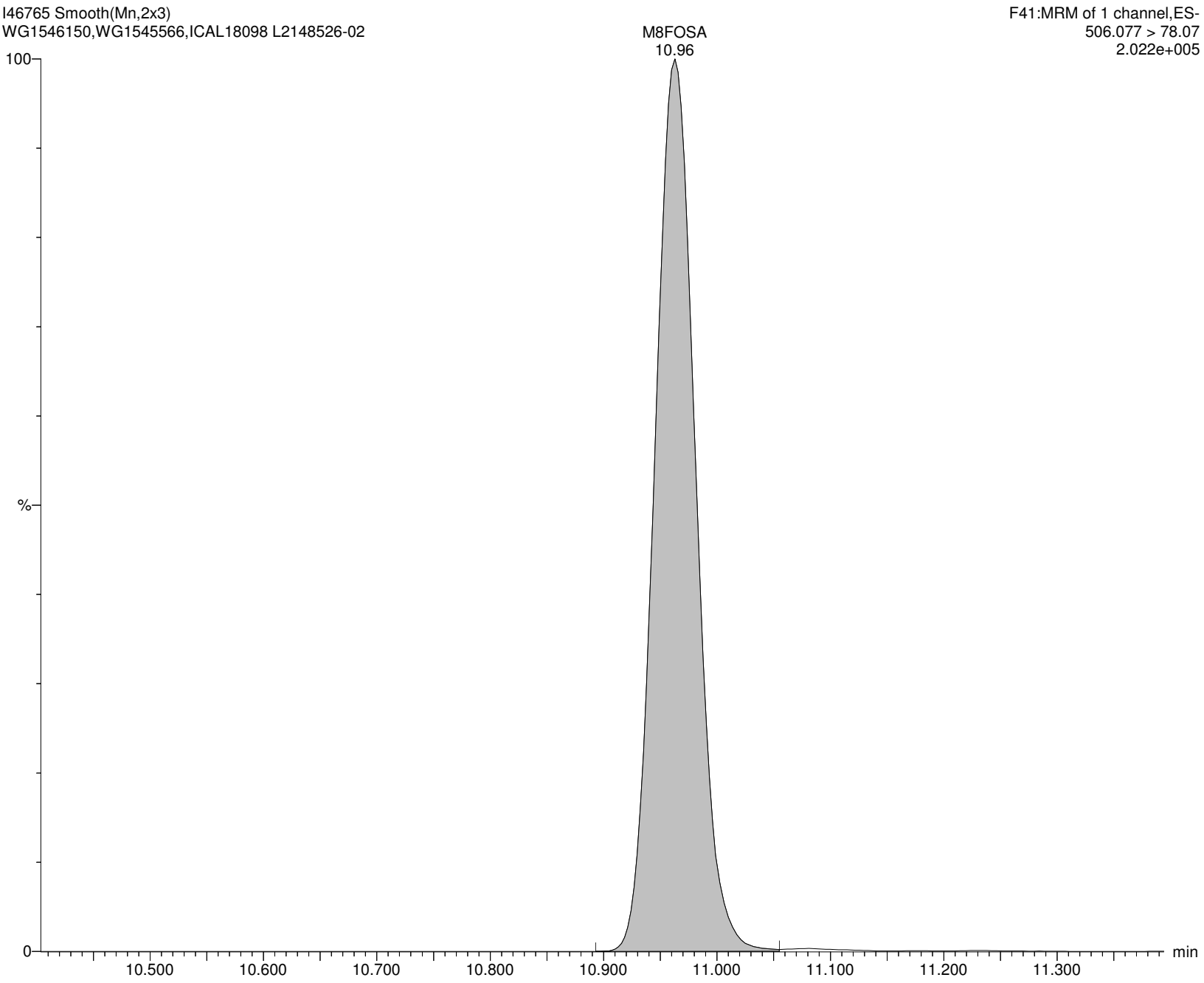


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:58 Eastern Daylight Time

Name: I46765
ID: L2148526-02
Date: 15-Sep-2021
Time: 05:25:47
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8FOSA

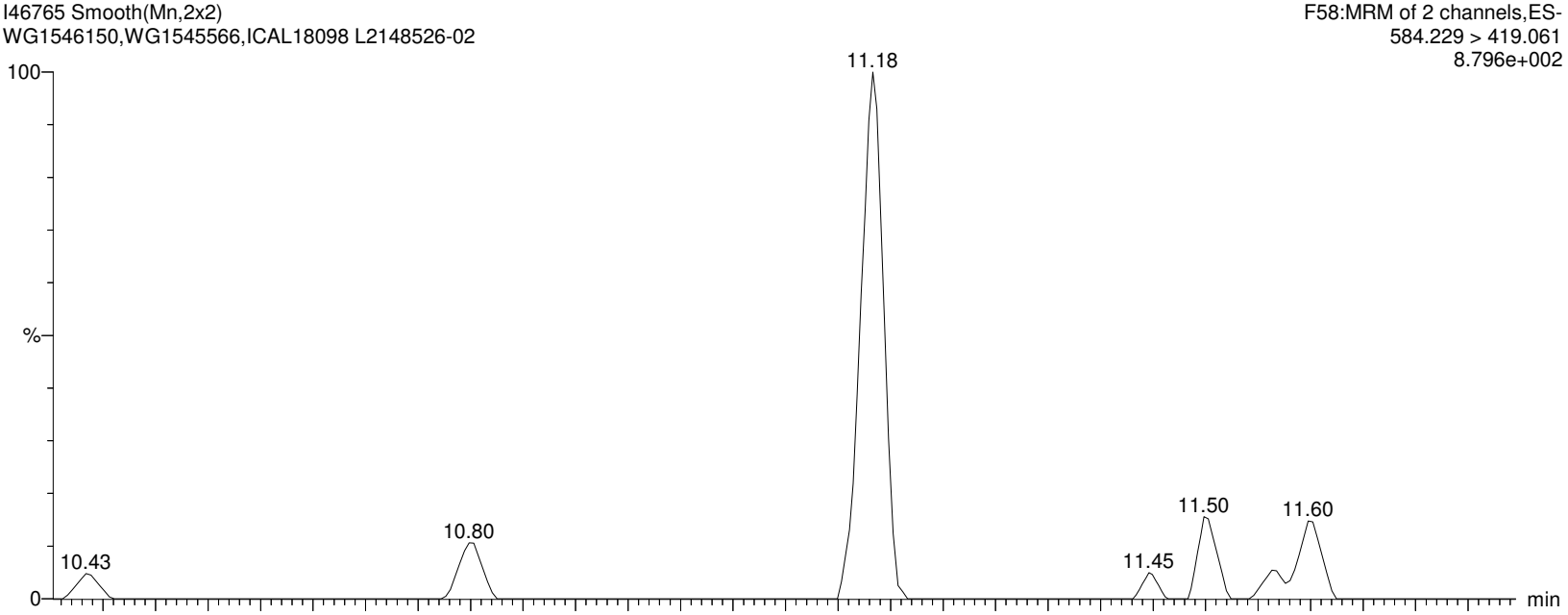


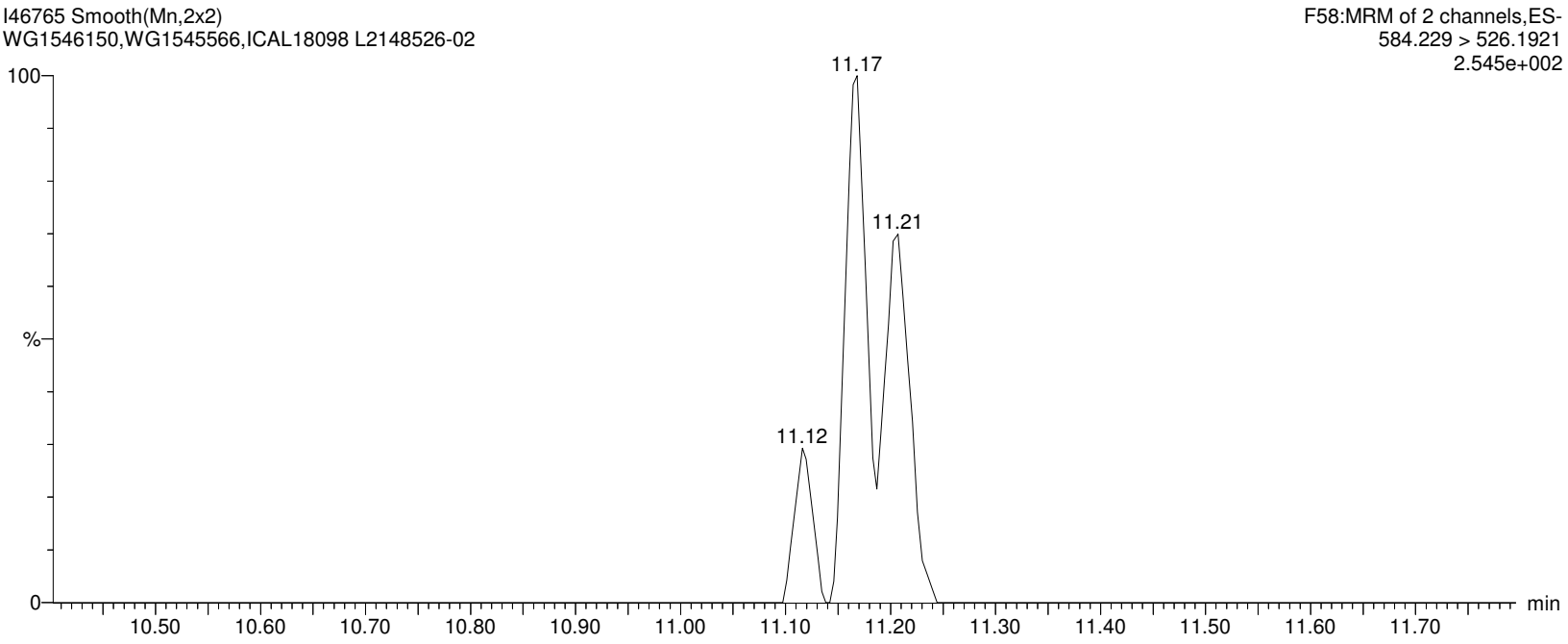
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:58 Eastern Daylight Time

Name: I46765
ID: L2148526-02
Date: 15-Sep-2021
Time: 05:25:47
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NEtFOSAA



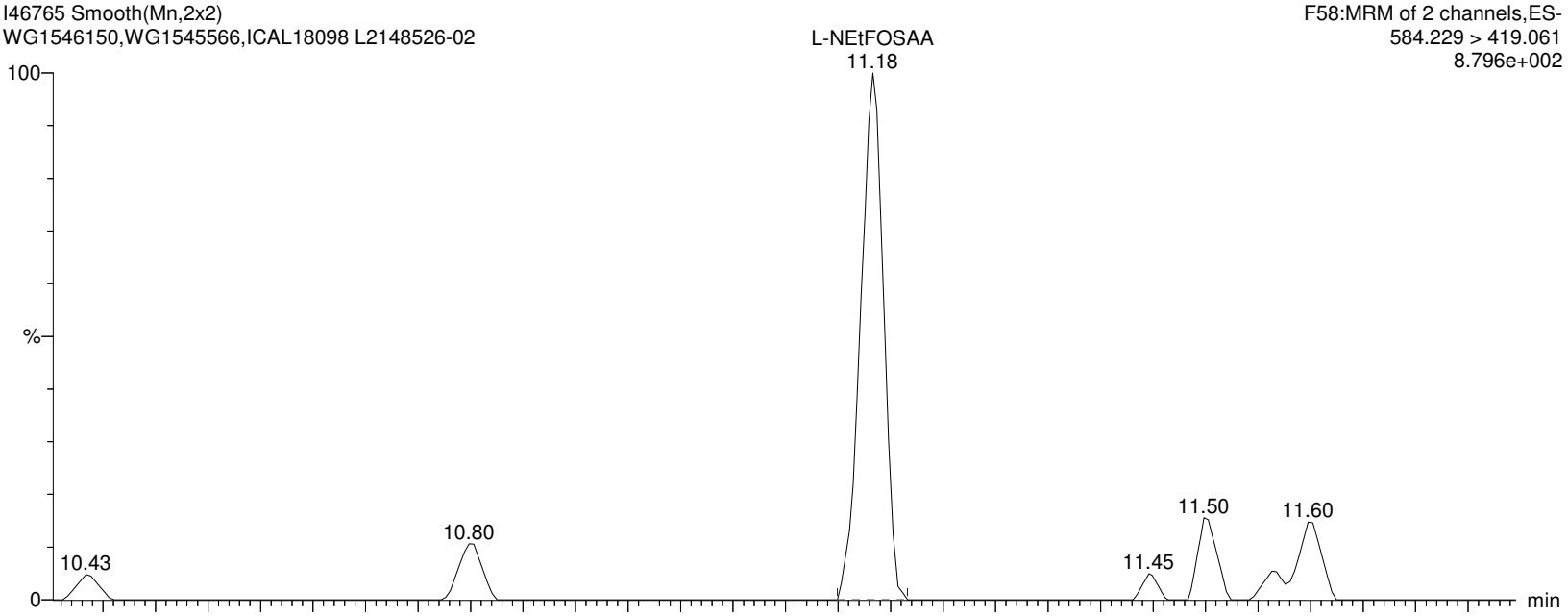


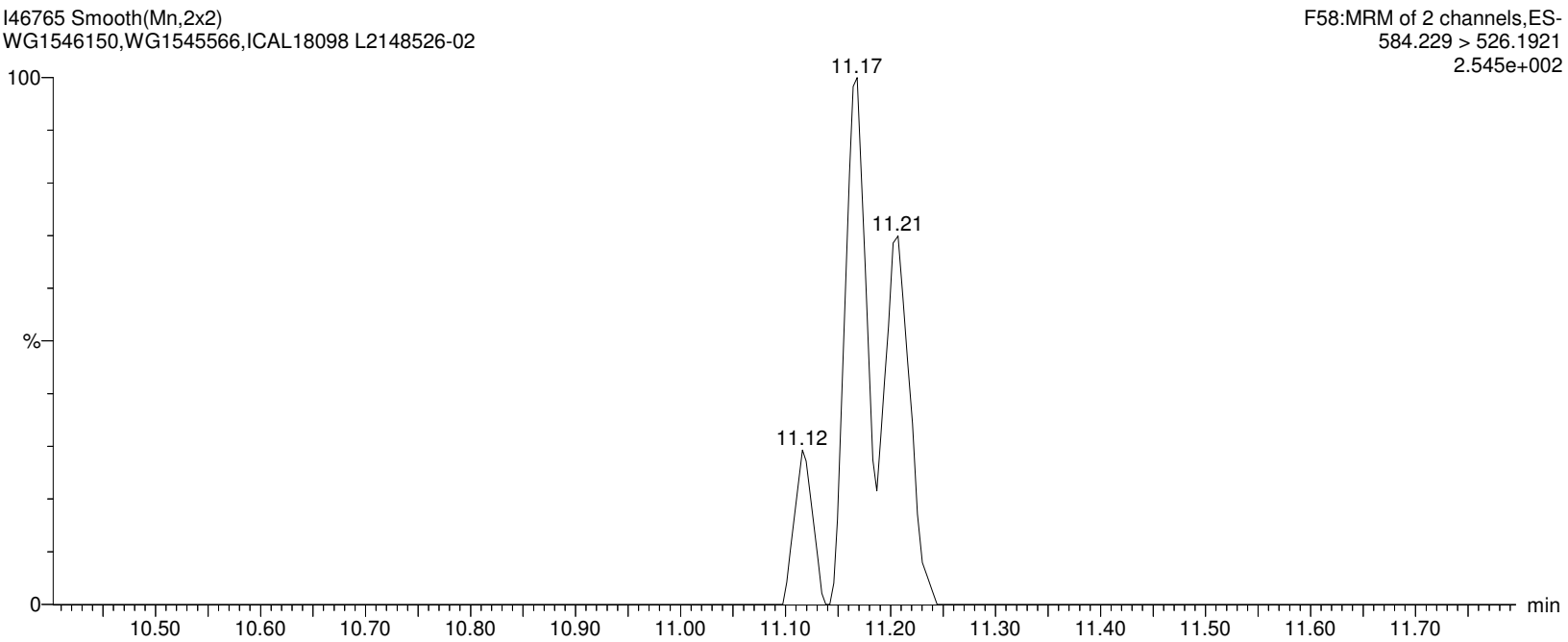
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:58 Eastern Daylight Time

Name: I46765
ID: L2148526-02
Date: 15-Sep-2021
Time: 05:25:47
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NEtFOSAA



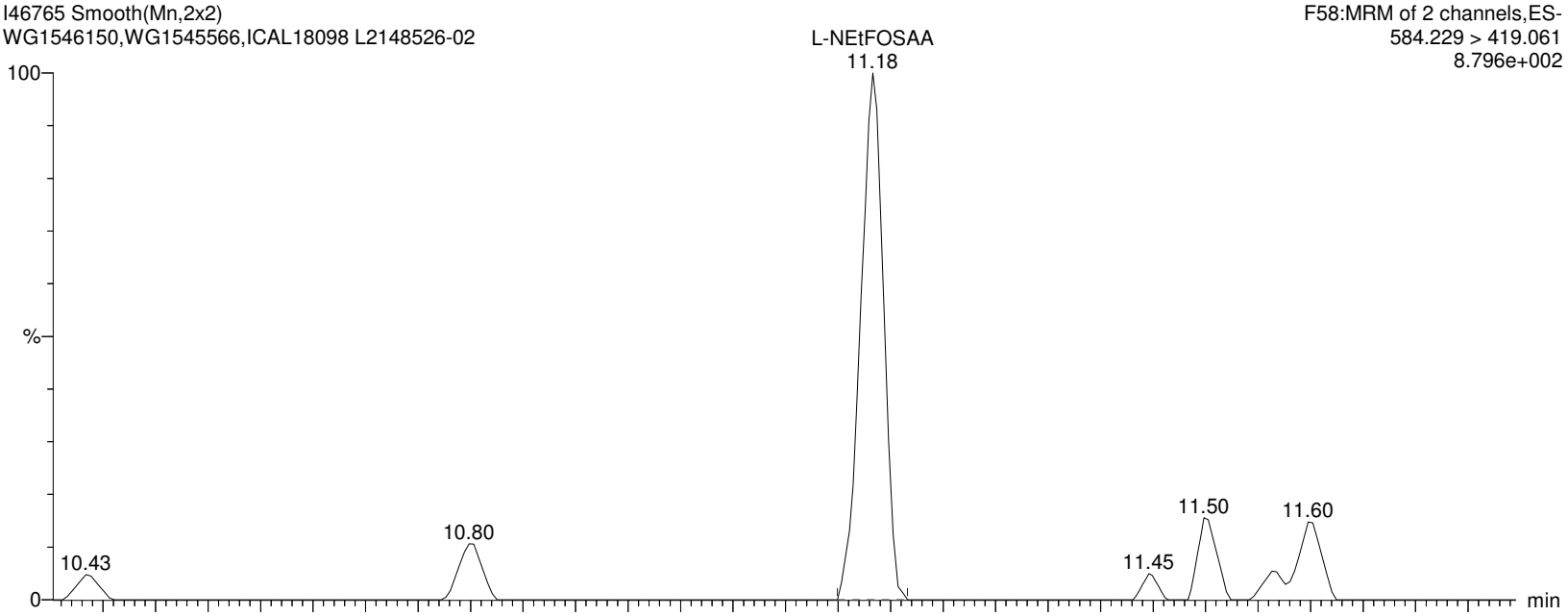


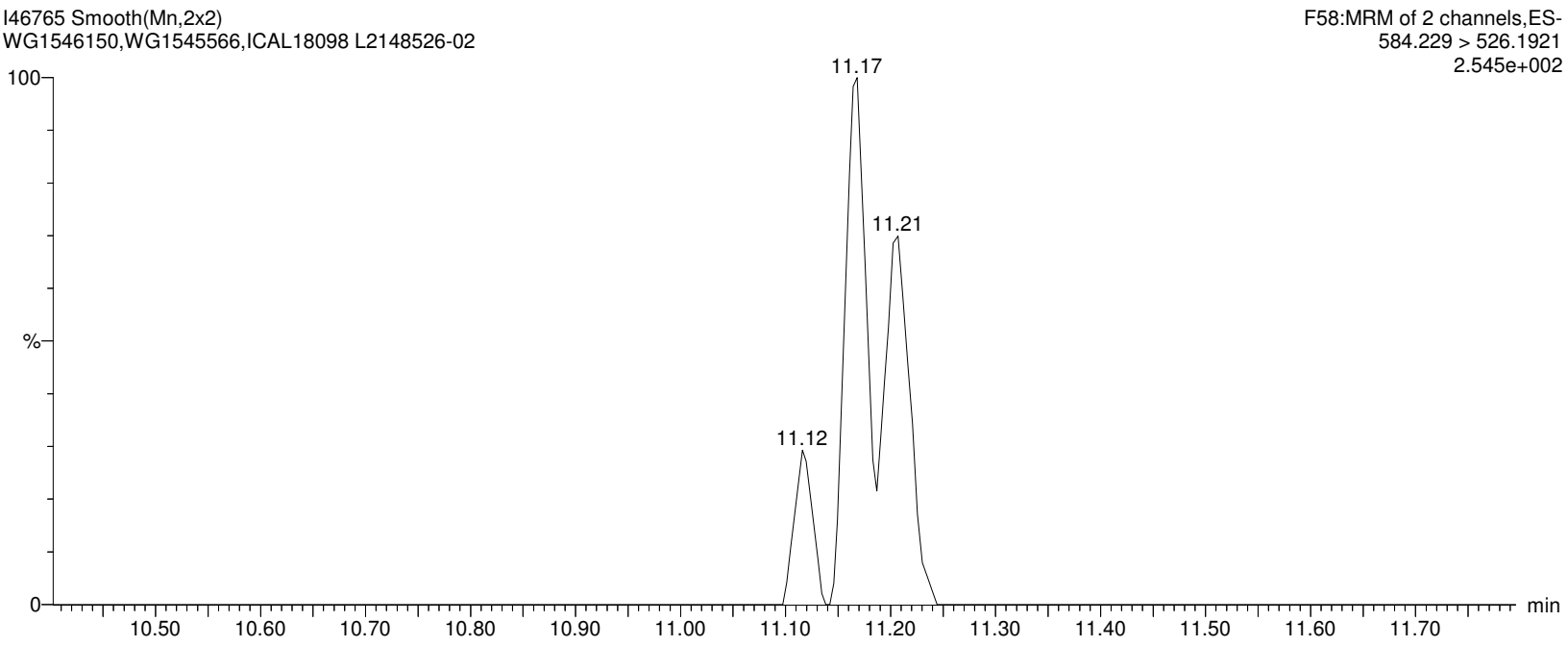
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:58 Eastern Daylight Time

Name: I46765
ID: L2148526-02
Date: 15-Sep-2021
Time: 05:25:47
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSAA



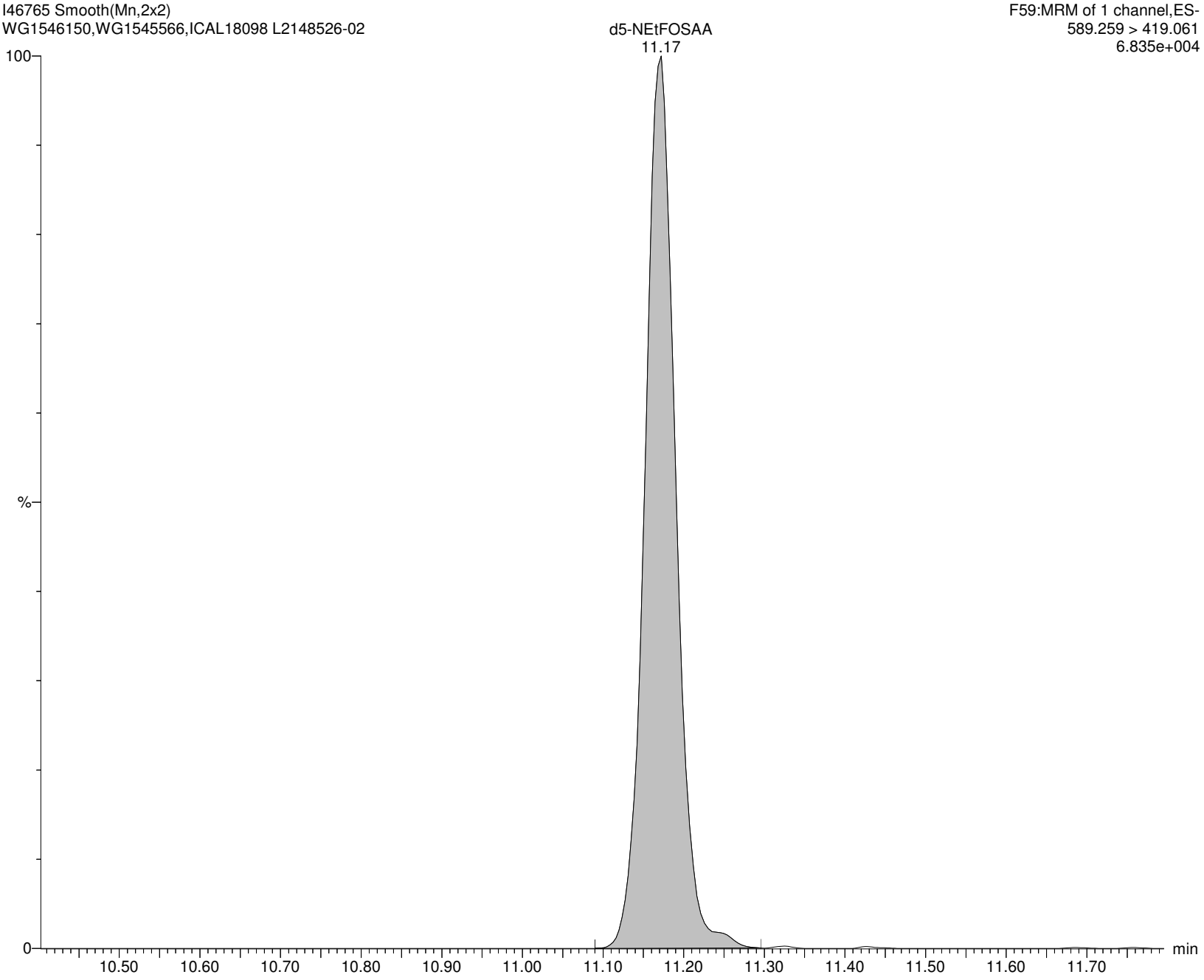


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:58 Eastern Daylight Time

Name: I46765
ID: L2148526-02
Date: 15-Sep-2021
Time: 05:25:47
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSAA

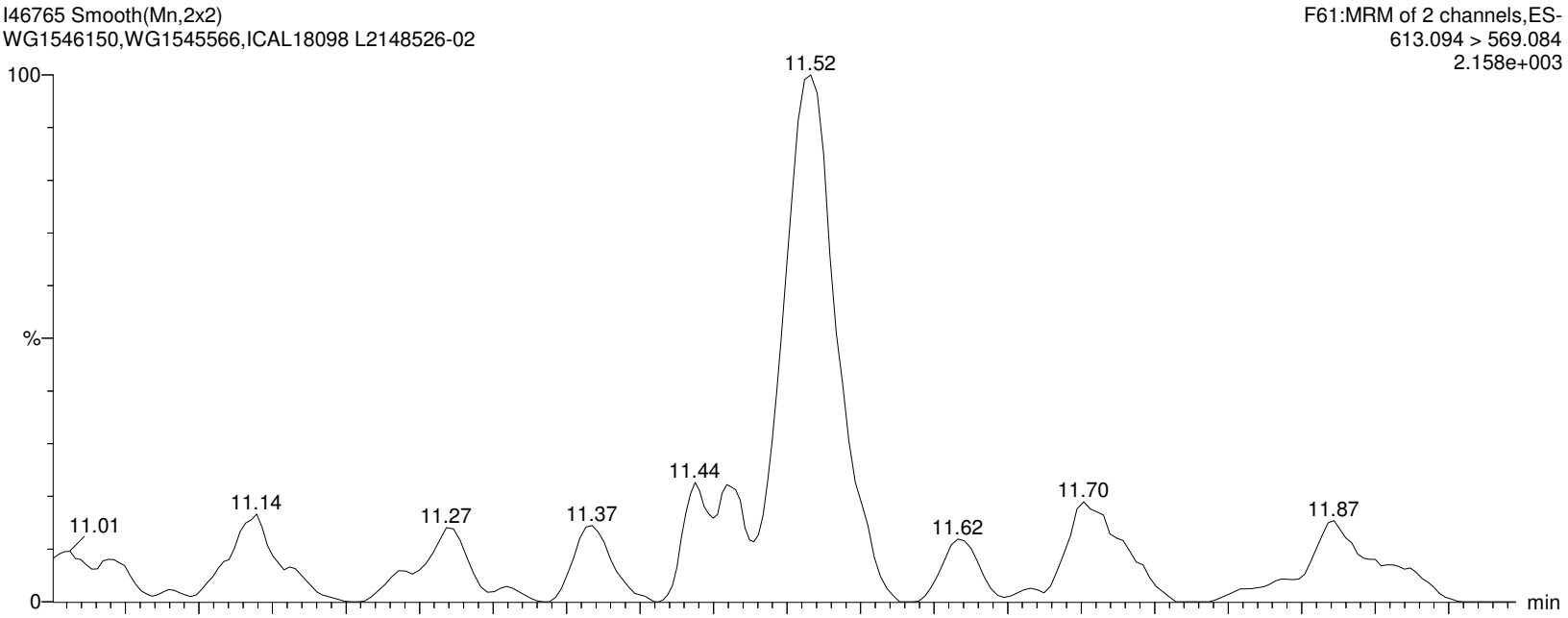


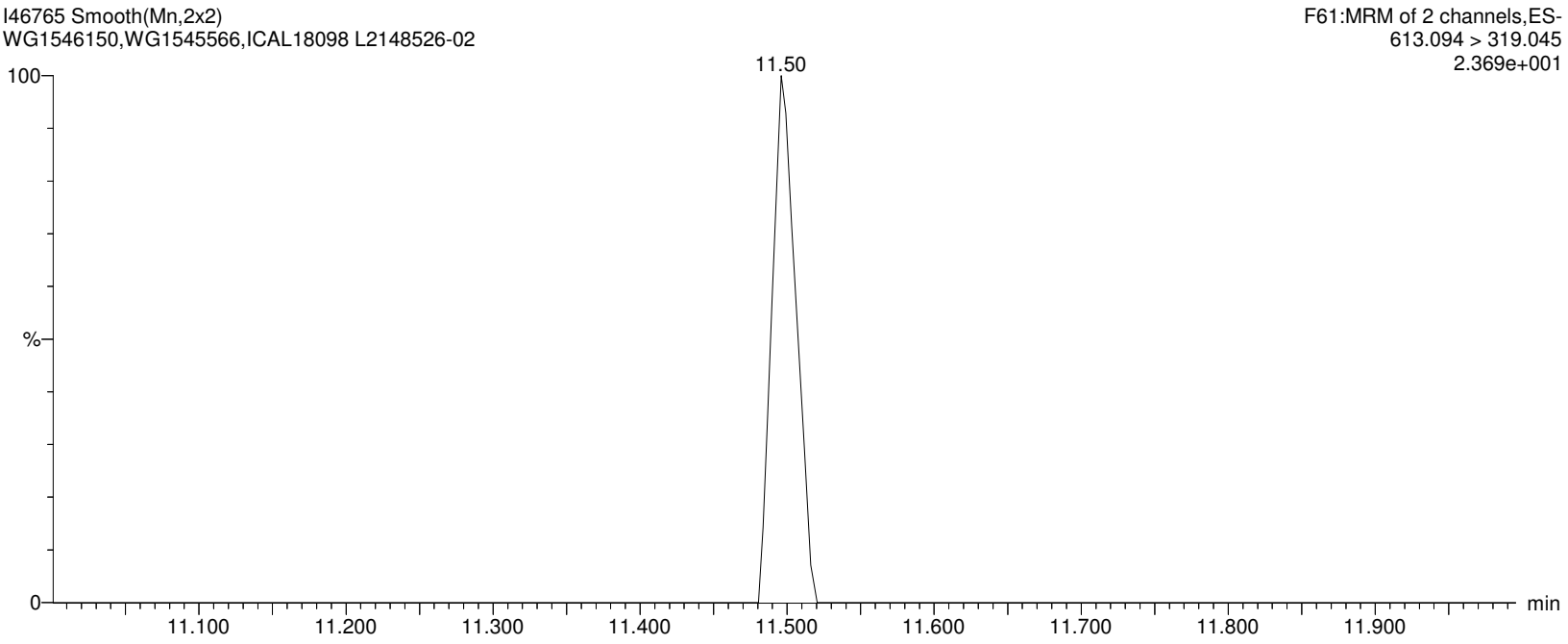
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:58 Eastern Daylight Time

Name: I46765
ID: L2148526-02
Date: 15-Sep-2021
Time: 05:25:47
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoA



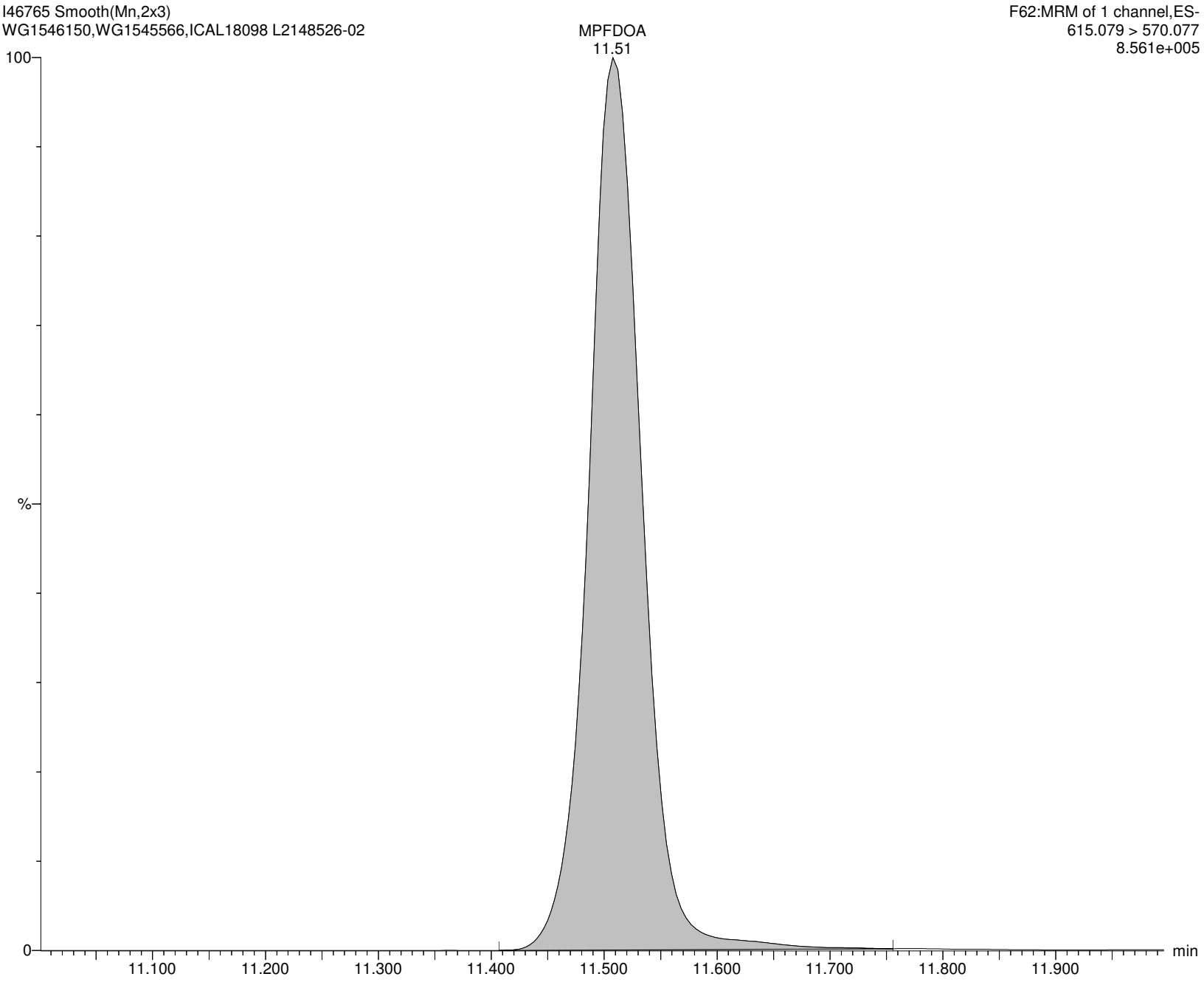


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:58 Eastern Daylight Time

Name: I46765
ID: L2148526-02
Date: 15-Sep-2021
Time: 05:25:47
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFDOA

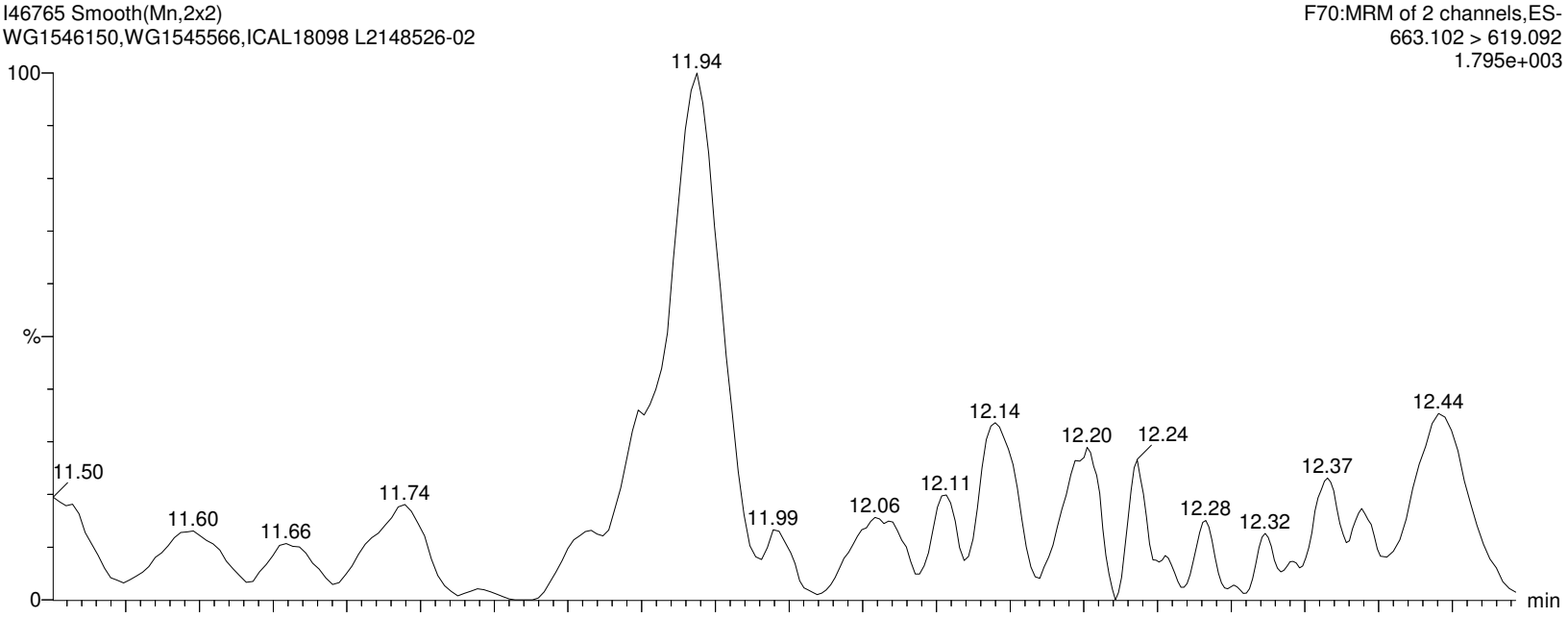


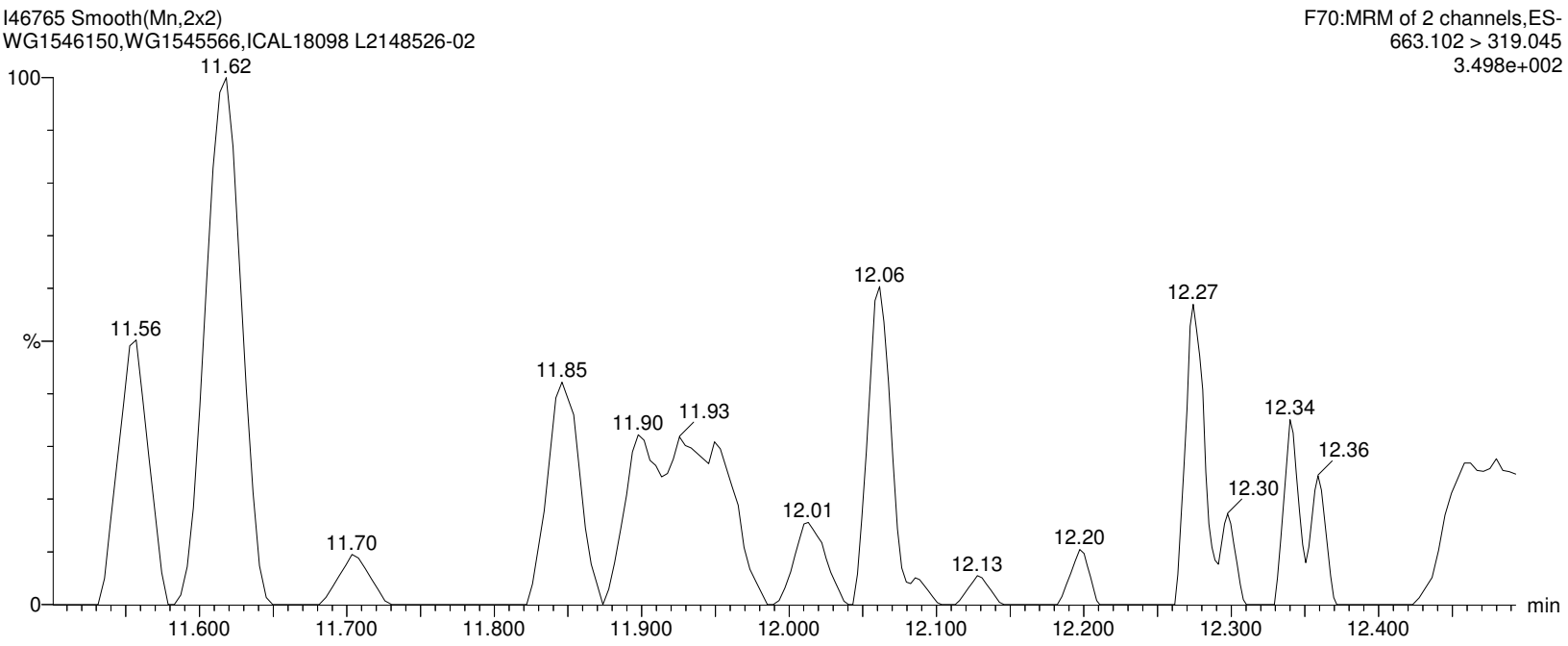
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:58 Eastern Daylight Time

Name: I46765
ID: L2148526-02
Date: 15-Sep-2021
Time: 05:25:47
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTrDA



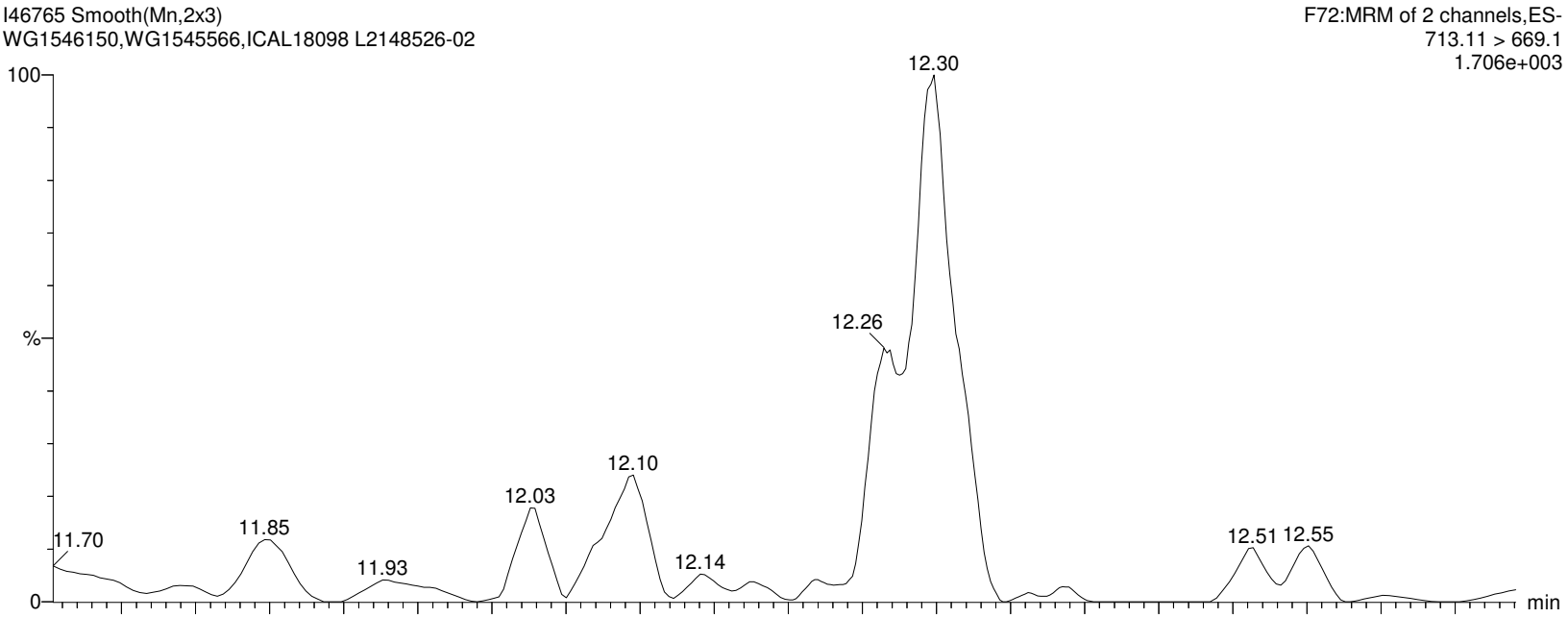


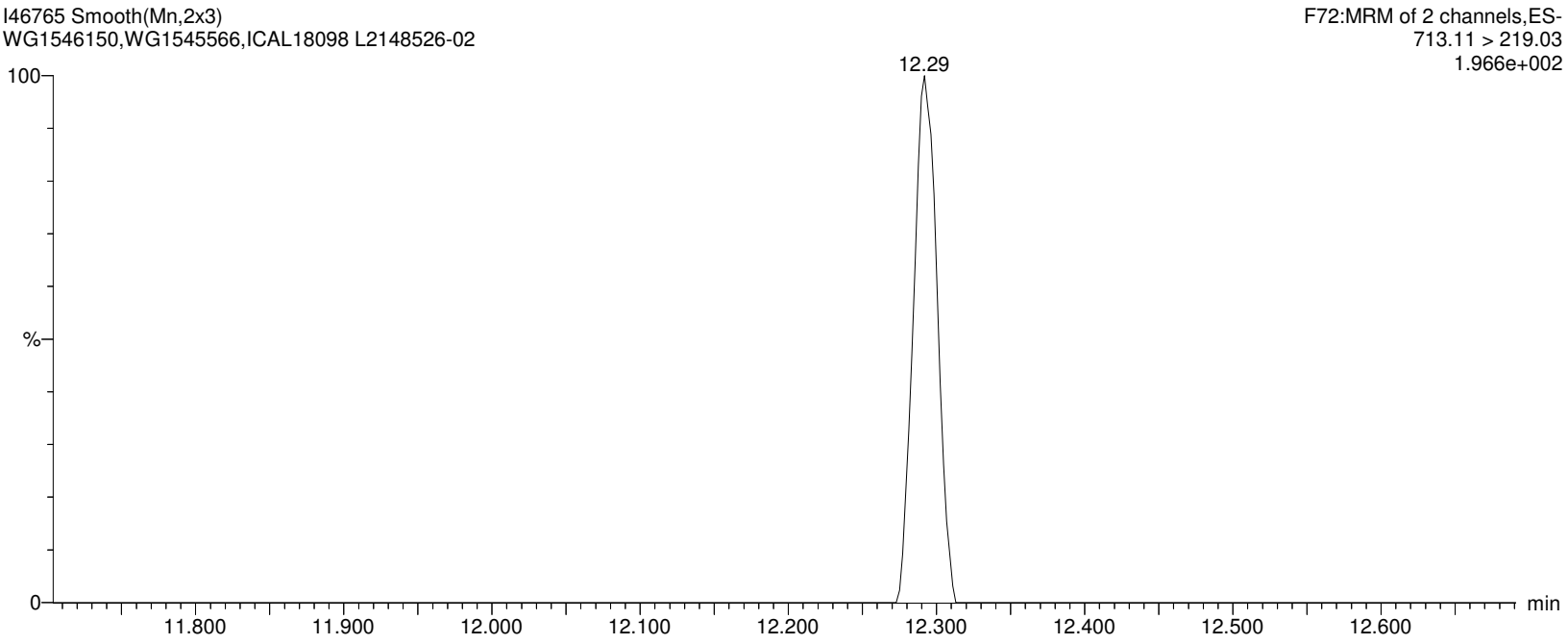
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:58 Eastern Daylight Time

Name: I46765
ID: L2148526-02
Date: 15-Sep-2021
Time: 05:25:47
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTA



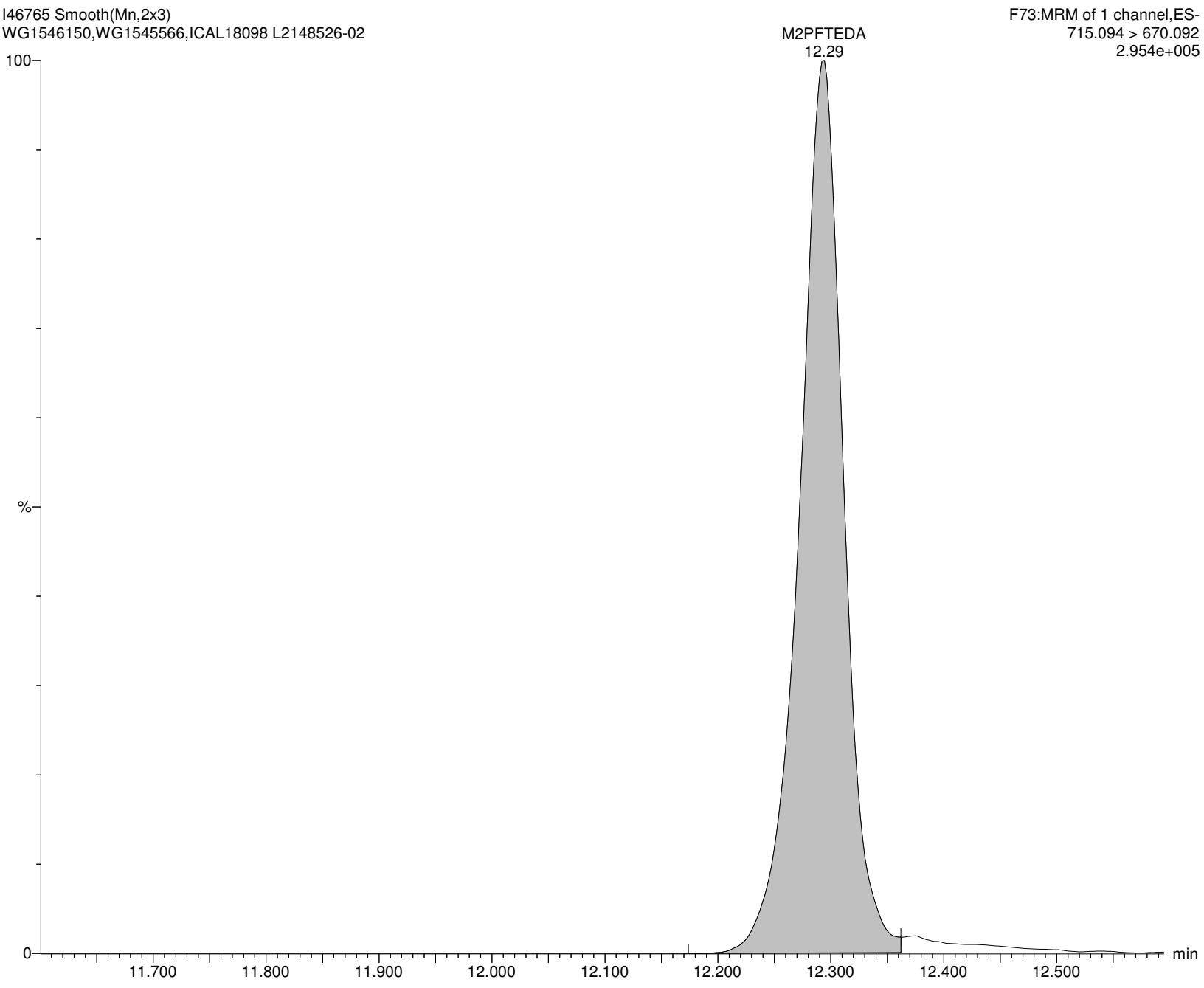


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:58 Eastern Daylight Time

Name: I46765
ID: L2148526-02
Date: 15-Sep-2021
Time: 05:25:47
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFTEDA



all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:02 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210914_537ISO.PRO\MethDB\537ISO_Q_210625_TOP_RT2.mdb 03 Sep 2021 08:44:20
Calibration: C:\MassLynx\Data\2021\210914_537ISO.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

ID: L2148526-03
Name: I46767
Date: 15-Sep-2021
Time: 05:58:54
Description: WG1546150,WG1545566,ICAL18098
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:SG
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.09	213.032 > 169.022	5339		1.404		na	
2	M3PFBA	INT STD	2.09	216.009 > 171.999	42473		8.090		na	80.9
3	MPFBA	INT STD	2.09	217.001 > 171.999	42726		9.356		na	93.6
4	PFPeA	2706-90-3	4.98	263.039 > 219.03	1792		0.408		na	
5	M5PFPEA	INT STD	4.98	268.001 > 222.999	46661		9.311		na	93.1
6	PFBS	375-73-5	5.64	299.092 > 80.062	430		0.418	2.10	NO	
7	M3PFBS	INT STD	5.64	302.069 > 80.062	9471		8.136		na	81.4
8	4:2FTS	757124-72-4		327.146 > 307.139			ND		YES	
9	M2-4:2FTS	INT STD	6.81	329.13 > 309.124	6345		13.603		na	136.0
10	PFHxA	307-24-4	6.88	313.047 > 269.037	3062	M7	0.570	15.76	NO	
11	M5PFHxA	INT STD	6.88	318.009 > 273.007	50600		8.946		na	89.5
12	PFPeS	2706-91-4	7.21	349.1 > 80.062	200		0.195	1.97	NO	
13	PFHpA	375-85-9	8.15	363.055 > 319.045	5424		0.687	5.39	NO	
14	M4PFHpA	INT STD	8.15	367.025 > 322.022	78049		9.255		na	92.6
15	br-PFHxS	355-46-4	8.08	399.107 > 80.062	137	M5,M7	0.141	1.55	NO	
16	L-PFHxS	355-46-4	8.31	399.107 > 80.062	640		0.502	2.06	NO	
17	PFHxS	355-46-4		399.107 > 80.062	777		0.642		na	
18	M3PFHxS	INT STD	8.31	402.084 > 80.062	11687		8.853		na	88.5
19	br-PFOA	335-67-1	8.87	413.063 > 369.053	4968	M5	0.620	2.52	NO	
20	L-PFOA	335-67-1	9.10	413.063 > 369.053	27092		3.379	8.87	NO	
21	PFOA	335-67-1		413.063 > 369.053	32060		3.998		na	
22	M8PFOA	INT STD	9.10	421.002 > 376.	83204		8.860		na	88.6
23	M2PFOA	INT STD	9.10	415.048 > 370.045	92502		8.734		na	87.3
24	6:2FTS	27619-97-2	9.06	427.161 > 407.155	273		0.511	4.64	NO	
25	M2-6:2FTS	INT STD	9.06	429.146 > 409.14	5398		11.273		na	112.7
26	PFHpS	375-92-8		449.115 > 80.062			ND		YES	
27	PFNA	375-95-1	9.87	463.071 > 419.061	1257		0.209	4.17	NO	
28	M9PFNA	INT STD	9.87	472.002 > 427.	24074		8.924		na	89.2
29	br-PFOS	1763-23-1	9.67	499.123 > 80.062	3337	M5,M7	2.823	4.47	NO	
30	L-PFOS	1763-23-1	9.93	499.123 > 80.062	5682		6.061	1.76	NO	
31	PFOS	1763-23-1		499.123 > 80.062	9019		8.884		na	
32	M4PFOS	INT STD	9.92	503.093 > 80.062	10551		9.322		na	93.2
33	M8PFOS	INT STD	9.92	507.062 > 80.062	10585		8.953		na	89.5
34	PFDA	335-76-2	10.50	513.078 > 469.069	474	M7	0.086	5.81	NO	
35	M2PFDA	INT STD	10.50	515.053 > 469.934	53274		8.733		na	87.3
36	M6PFDA	INT STD	10.50	519.033 > 474.03	55614		9.197		na	92.0
37	8:2FTS	39108-34-4		527.177 > 507.171			ND		YES	
38	M2-8:2FTS	INT STD	10.49	529.162 > 509.155	3456		9.818		na	98.2
39	PFNS	68259-12-1		549.131 > 80.062			ND		YES	

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:02 Eastern Daylight Time

ID: L2148526-03
Name: I46767
Date: 15-Sep-2021
Time: 05:58:54
Description: WG1546150,WG1545566,ICAL18098
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:SG
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.89	573.22 > 419.061	4218		7.401		na	74.0
41	br-NMeFOSAA			570.202 > 419.061			ND		YES	
42	L-NMeFOSAA			570.202 > 419.061			ND		YES	
43	NMeFOSAA	2355-31-9		570.202 > 419.061	0		ND		na	
44	PFUnA	2058-94-8		563.086 > 519.076			ND		YES	
45	M7-PFUDA	INT STD	11.04	570.033 > 525.031	51245		9.087		na	90.9
46	PFDS	335-77-3		599.139 > 80.062			ND		YES	
47	FOSA	754-91-6		498.146 > 78.07			ND		YES	
48	M8FOSA	INT STD	10.97	506.077 > 78.07	15931		4.866		na	48.7
49	br-NEtFOSAA			584.229 > 419.061			ND		YES	
50	L-NEtFOSAA			584.229 > 419.061			ND		YES	
51	NEtFOSAA	2991-50-6		584.229 > 419.061	0		ND		na	
52	d5-NEtFOSAA	INT STD	11.18	589.259 > 419.061	3738		7.936		na	79.4
53	PFDoA	307-55-1		613.094 > 569.084			ND		YES	
54	MPFDOA	INT STD	11.52	615.079 > 570.077	47172		8.670		na	86.7
55	PFTrDA	72629-94-8		663.102 > 619.092			ND		YES	
56	PFTA	376-06-7		713.11 > 669.1			ND		YES	
57	M2PFTEDA	INT STD	12.29	715.094 > 670.092	12650		7.413		na	74.1

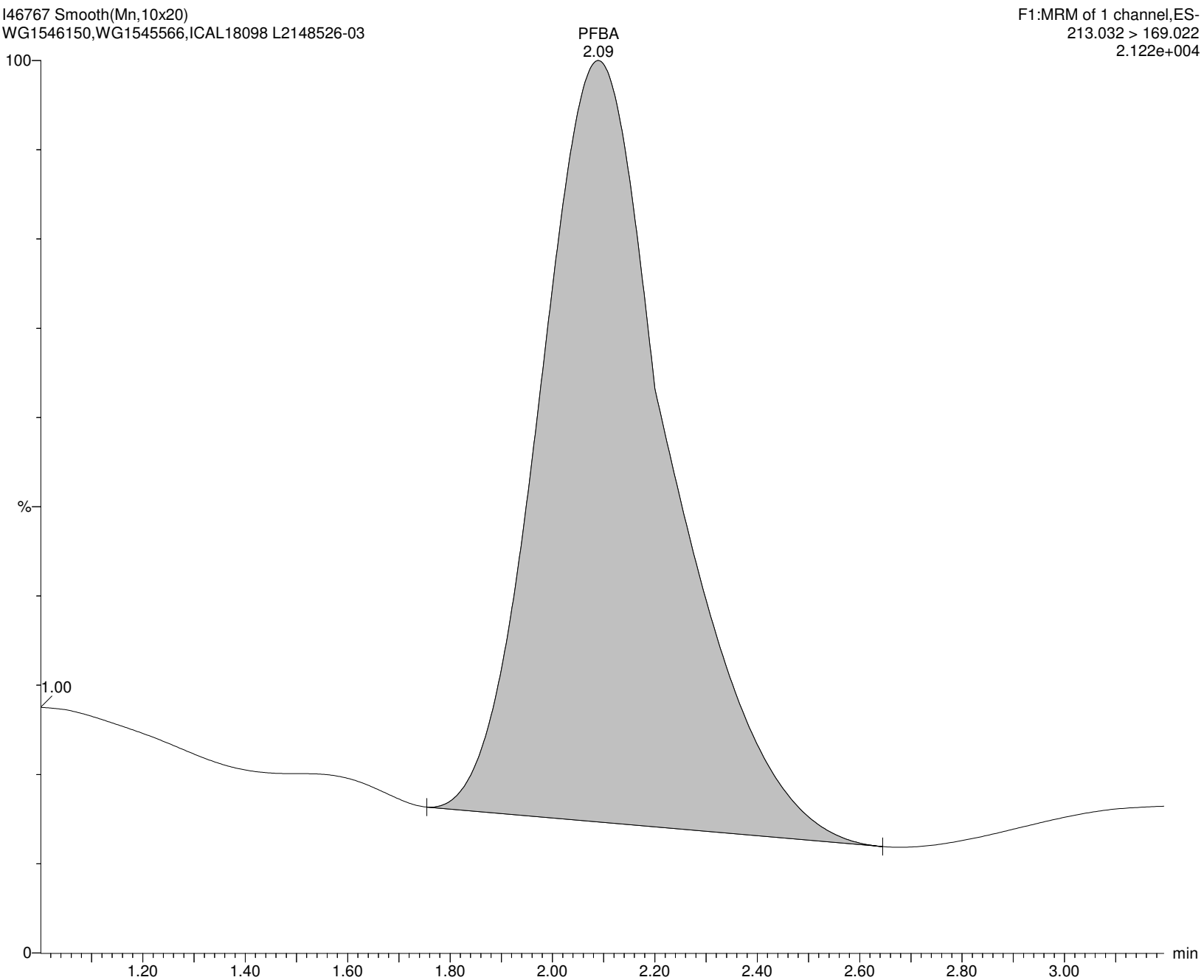
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:02 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210914_537ISO.PRO\MethDB\537ISO_Q_210625_TOP_RT2.mdb 03 Sep 2021 08:44:20
Calibration: C:\MassLynx\Data\2021\210914_537ISO.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

Name: I46767
ID: L2148526-03
Date: 15-Sep-2021
Time: 05:58:54
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBA

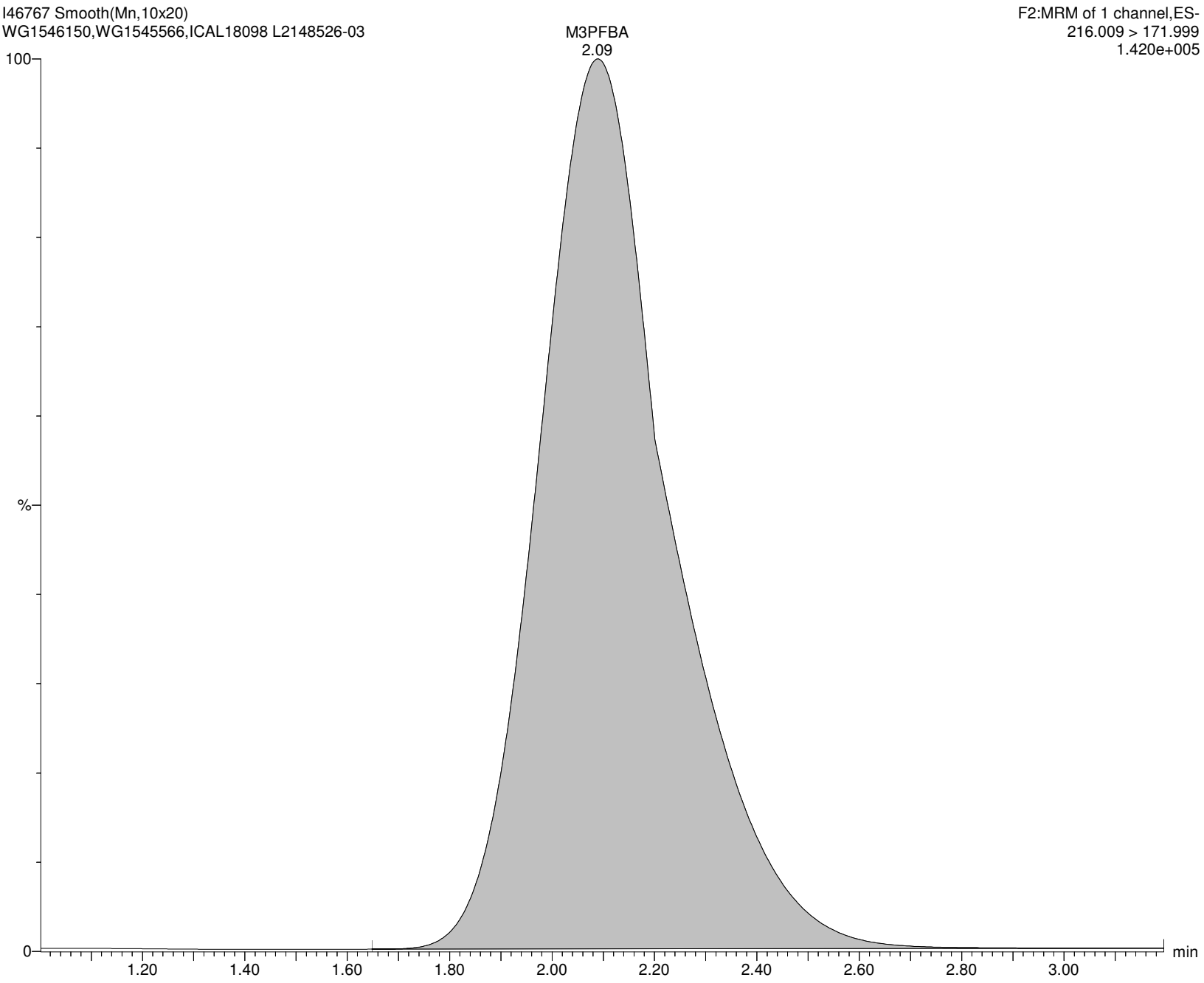


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:02 Eastern Daylight Time

Name: I46767
ID: L2148526-03
Date: 15-Sep-2021
Time: 05:58:54
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBA

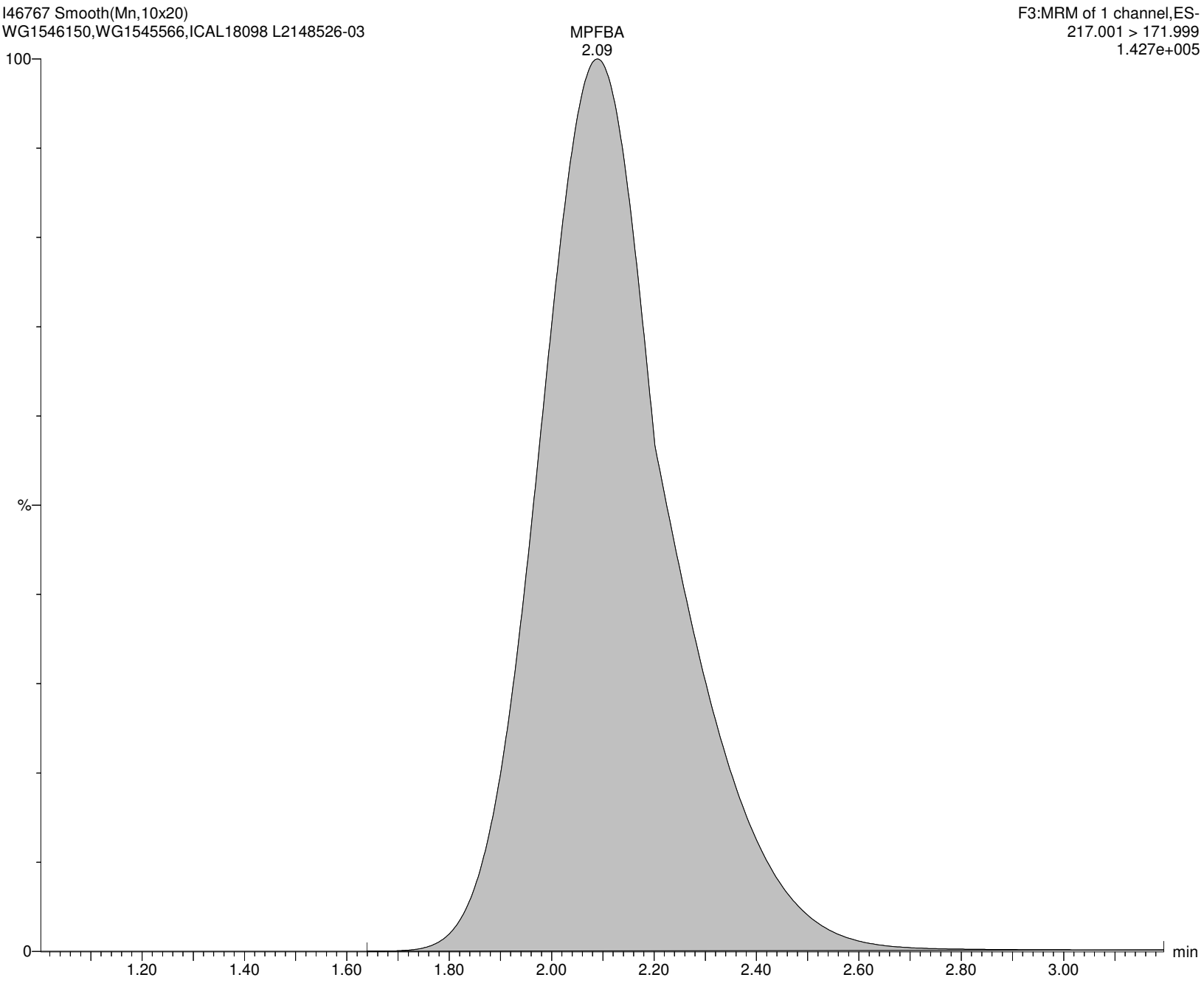


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:02 Eastern Daylight Time

Name: I46767
ID: L2148526-03
Date: 15-Sep-2021
Time: 05:58:54
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFBA

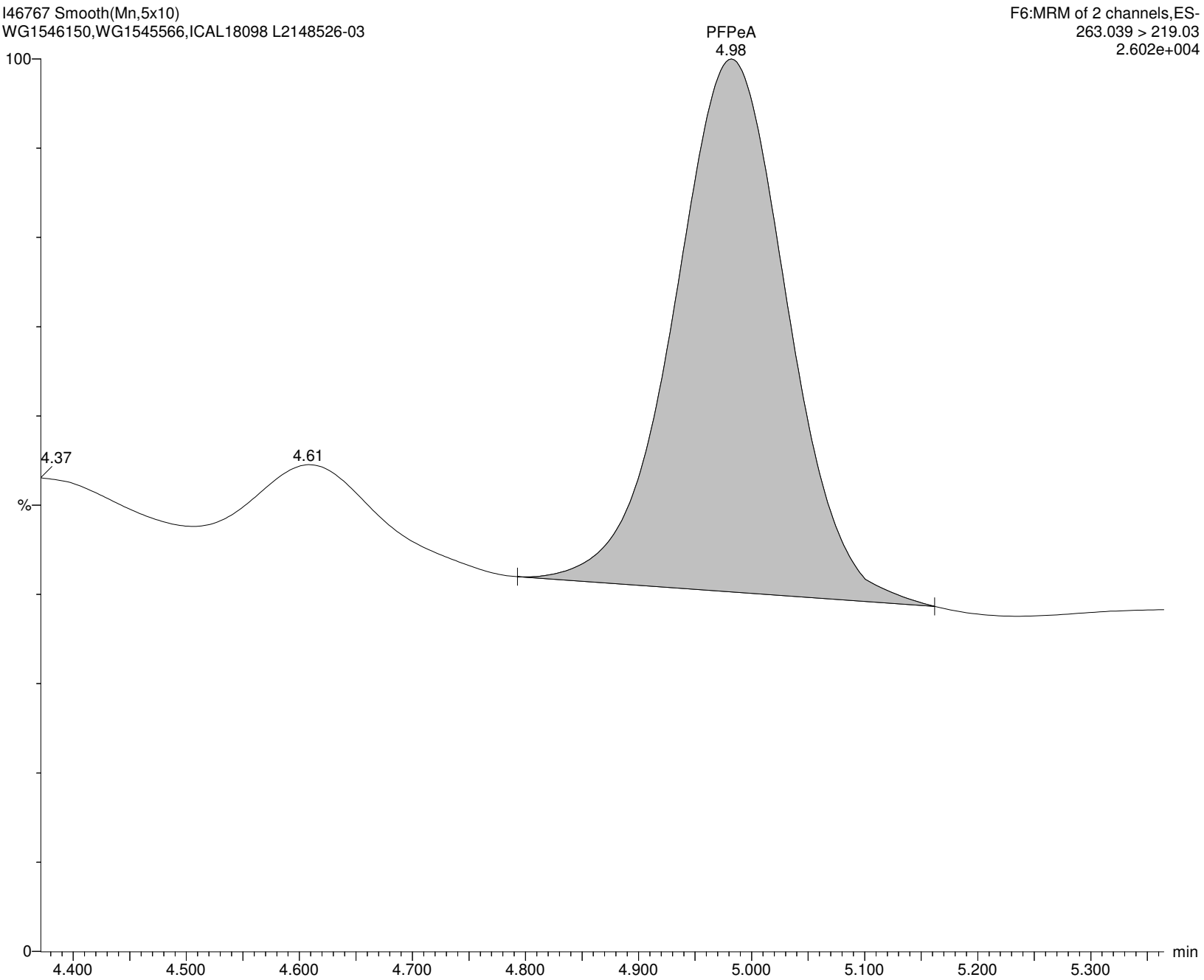


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:02 Eastern Daylight Time

Name: I46767
ID: L2148526-03
Date: 15-Sep-2021
Time: 05:58:54
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeA

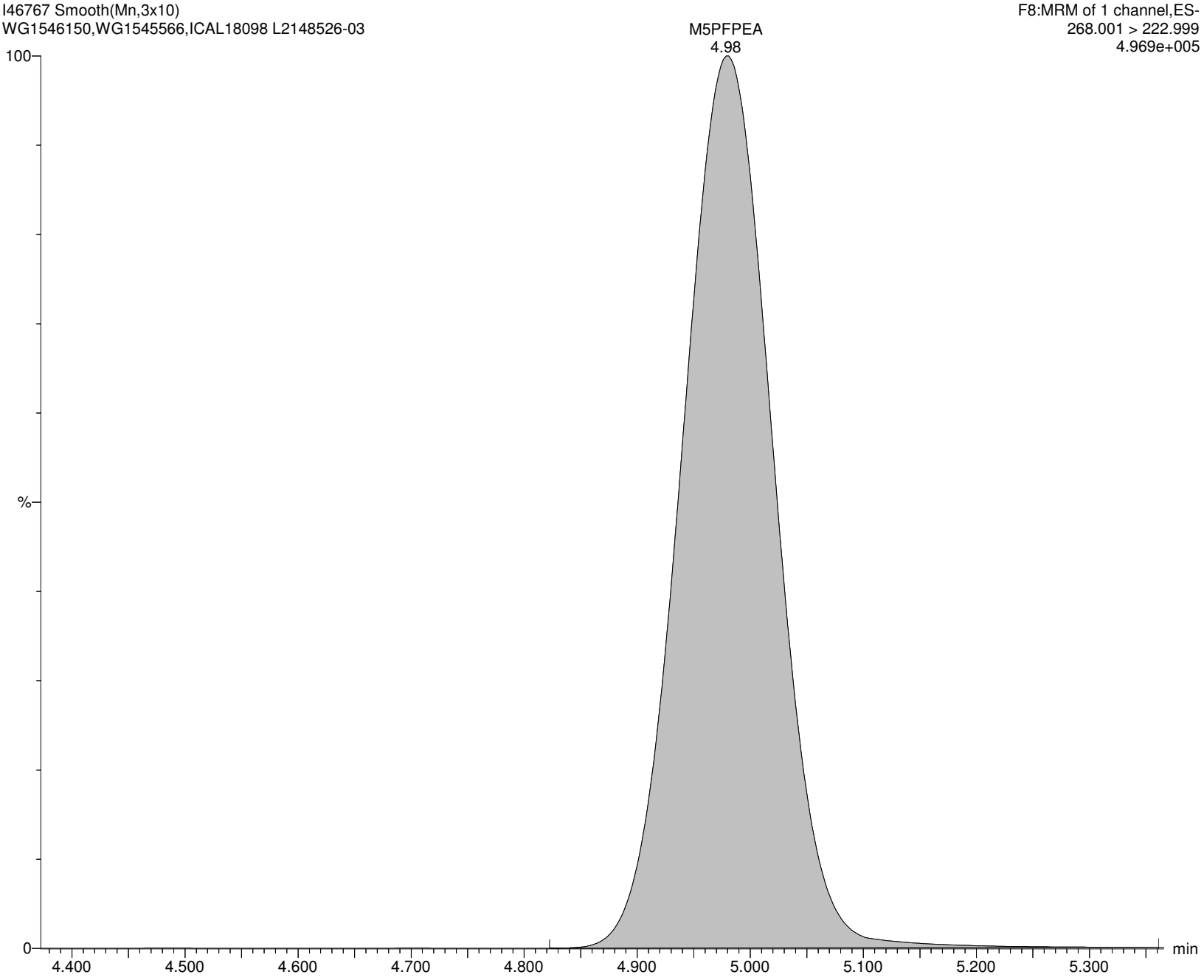


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:02 Eastern Daylight Time

Name: I46767
ID: L2148526-03
Date: 15-Sep-2021
Time: 05:58:54
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFPEA

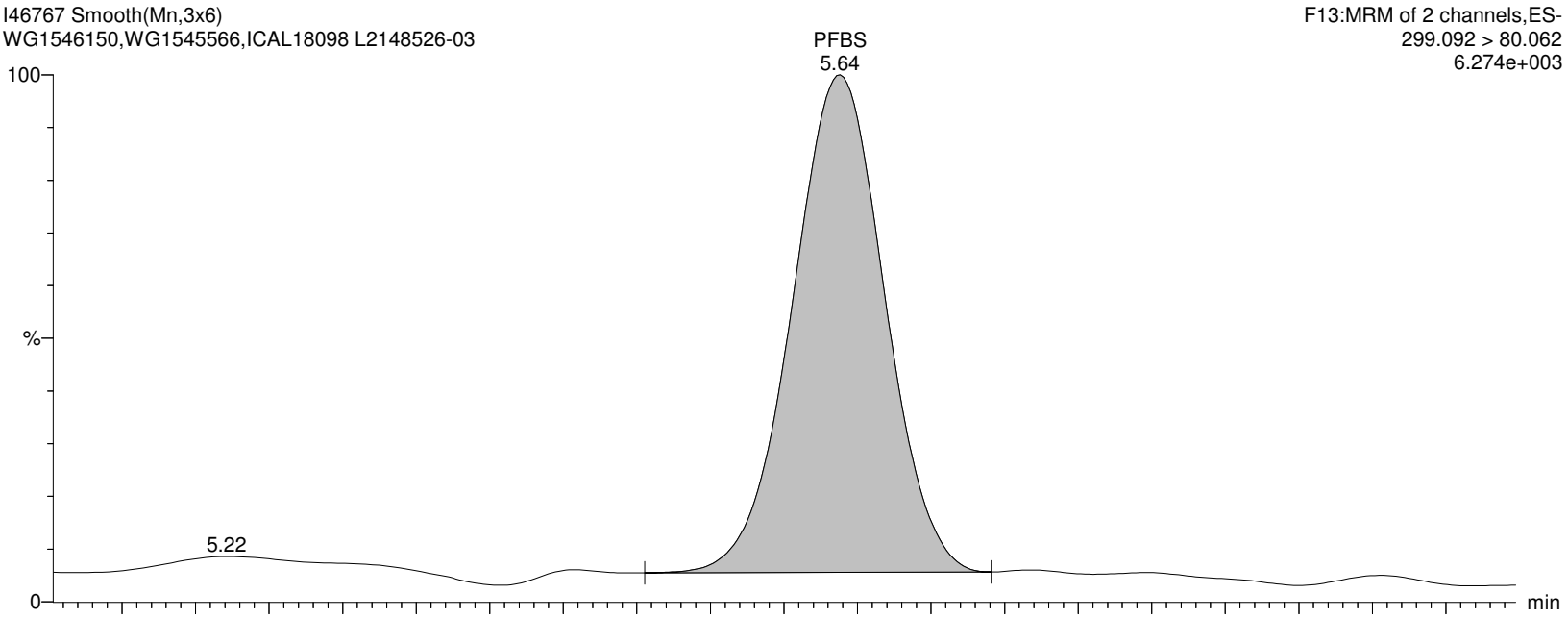


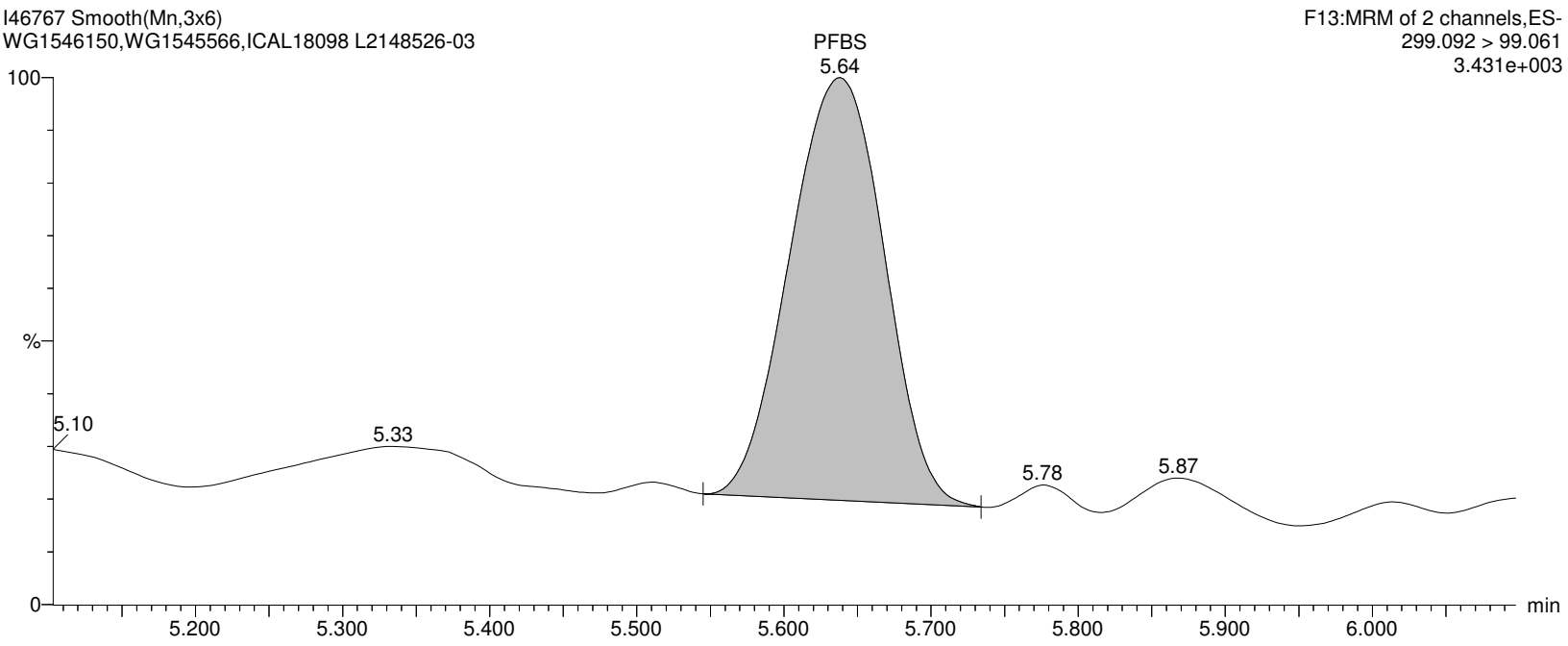
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:02 Eastern Daylight Time

Name: I46767
ID: L2148526-03
Date: 15-Sep-2021
Time: 05:58:54
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBS



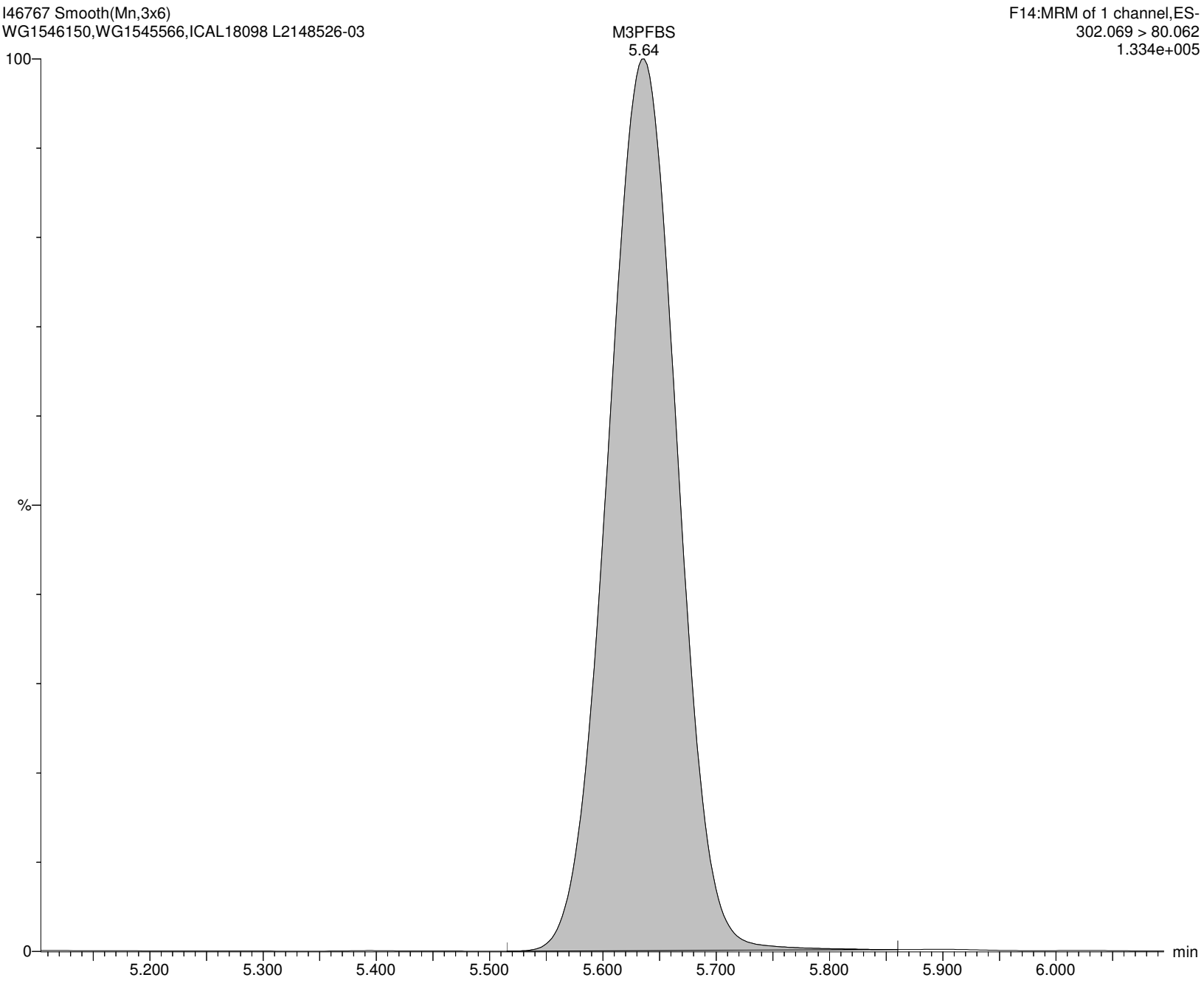


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:02 Eastern Daylight Time

Name: I46767
ID: L2148526-03
Date: 15-Sep-2021
Time: 05:58:54
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBS

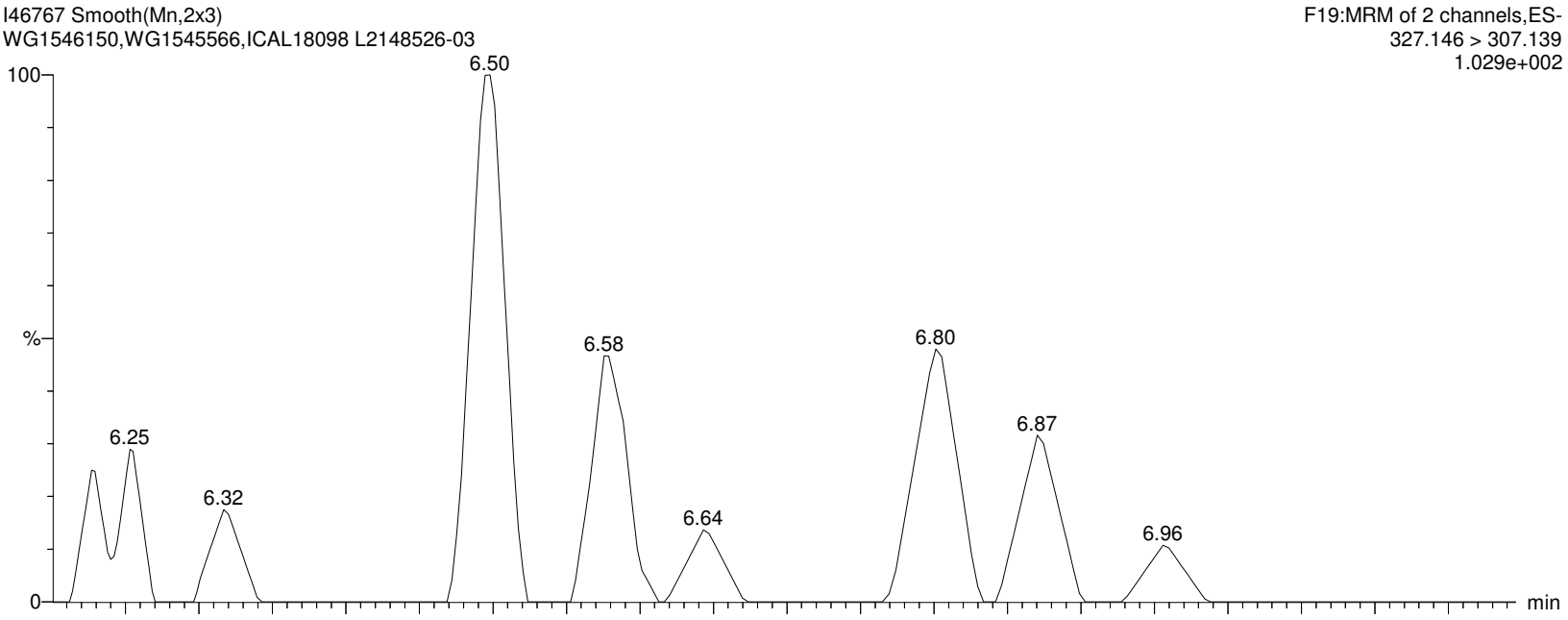


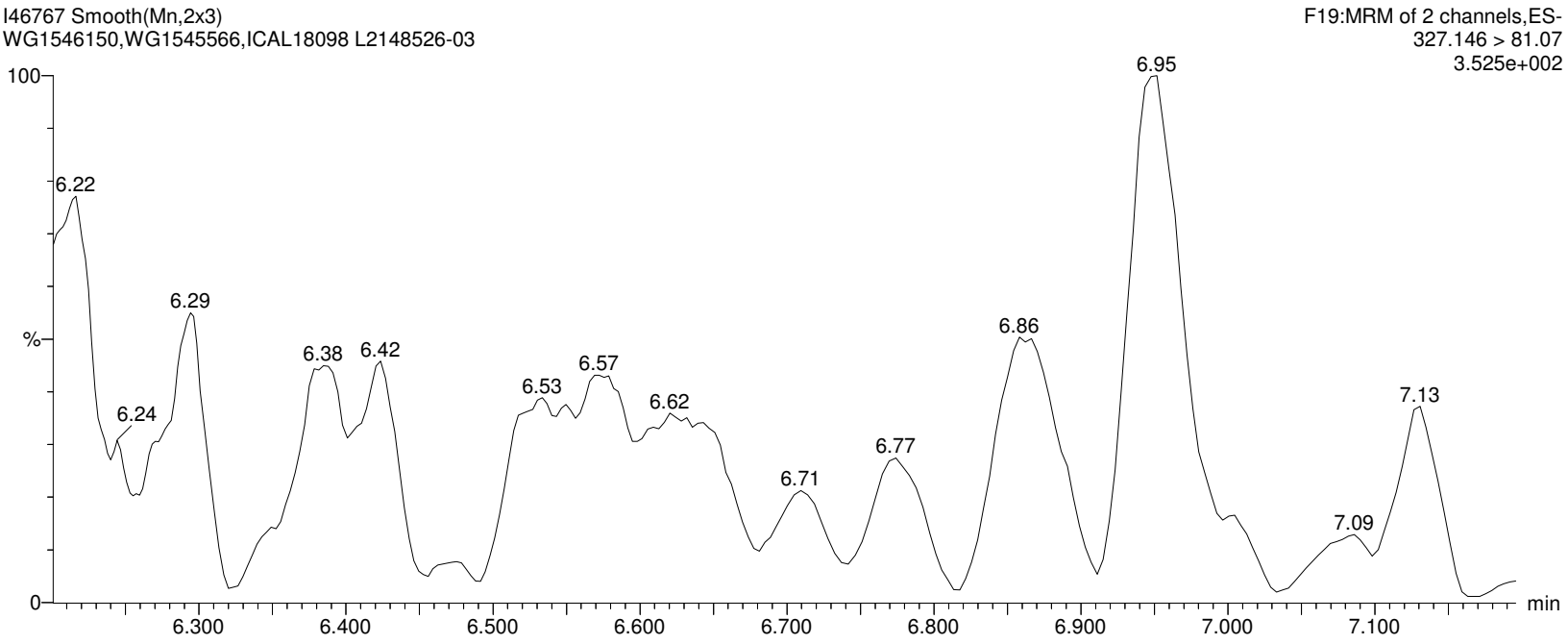
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:02 Eastern Daylight Time

Name: I46767
ID: L2148526-03
Date: 15-Sep-2021
Time: 05:58:54
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

4:2FTS



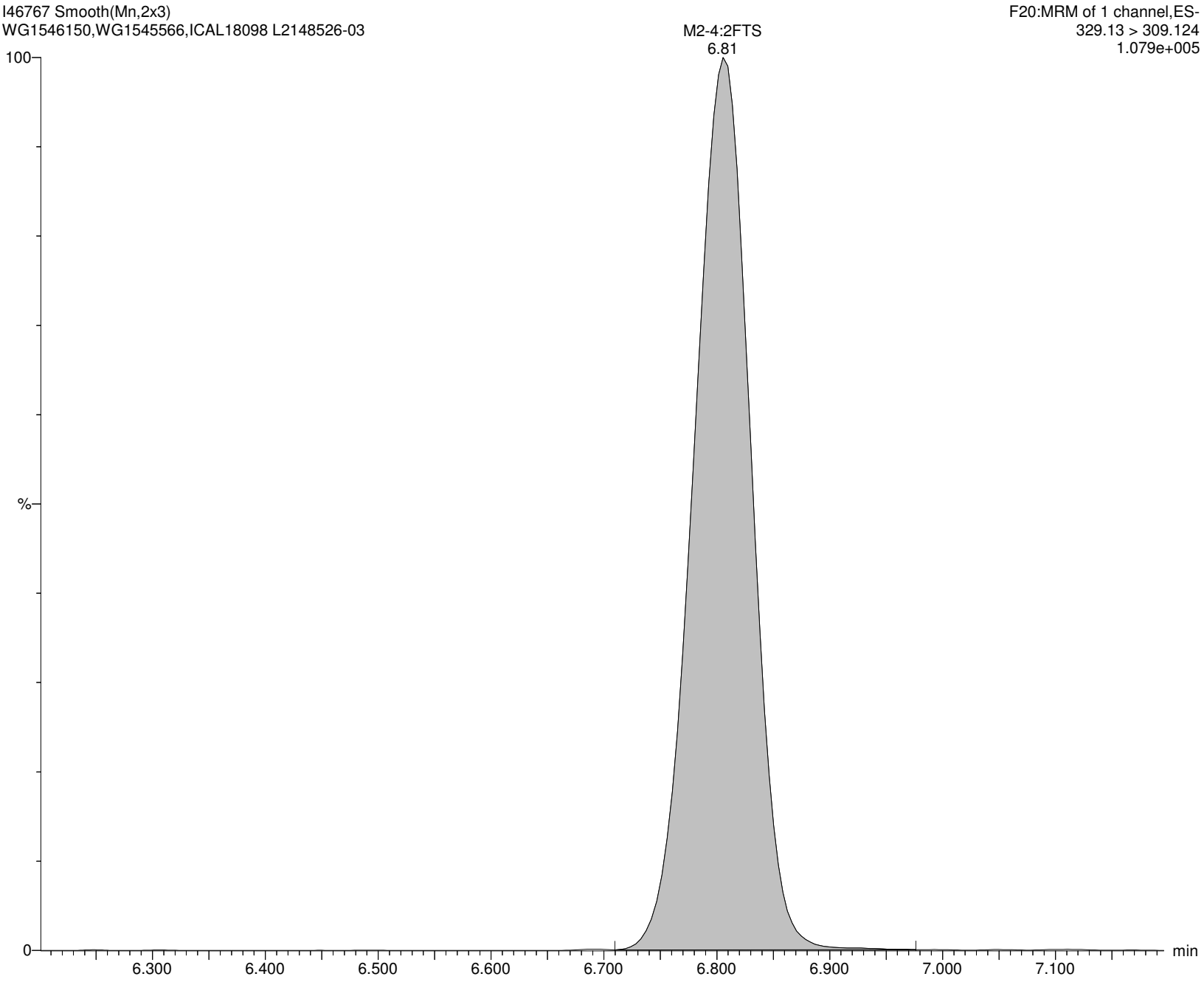


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:02 Eastern Daylight Time

Name: I46767
ID: L2148526-03
Date: 15-Sep-2021
Time: 05:58:54
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-4:2FTS

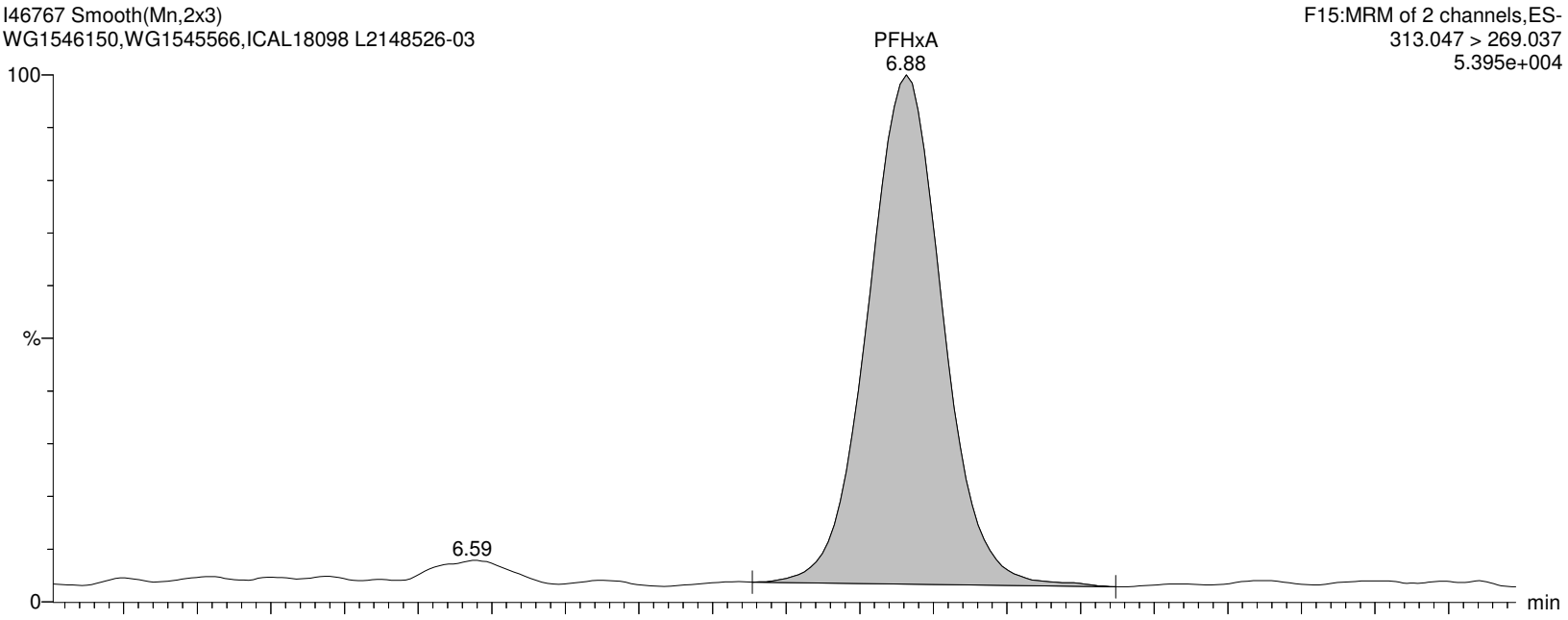


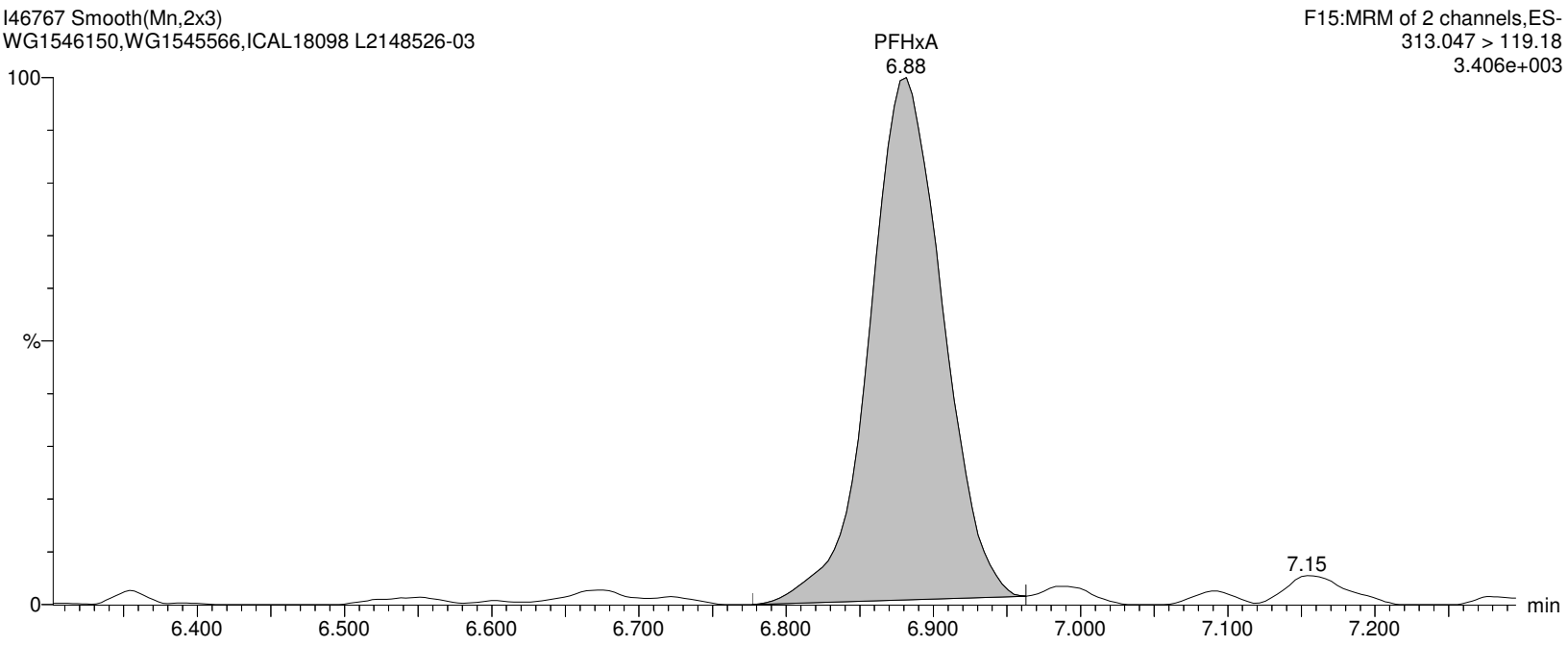
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:02 Eastern Daylight Time

Name: I46767
ID: L2148526-03
Date: 15-Sep-2021
Time: 05:58:54
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxA



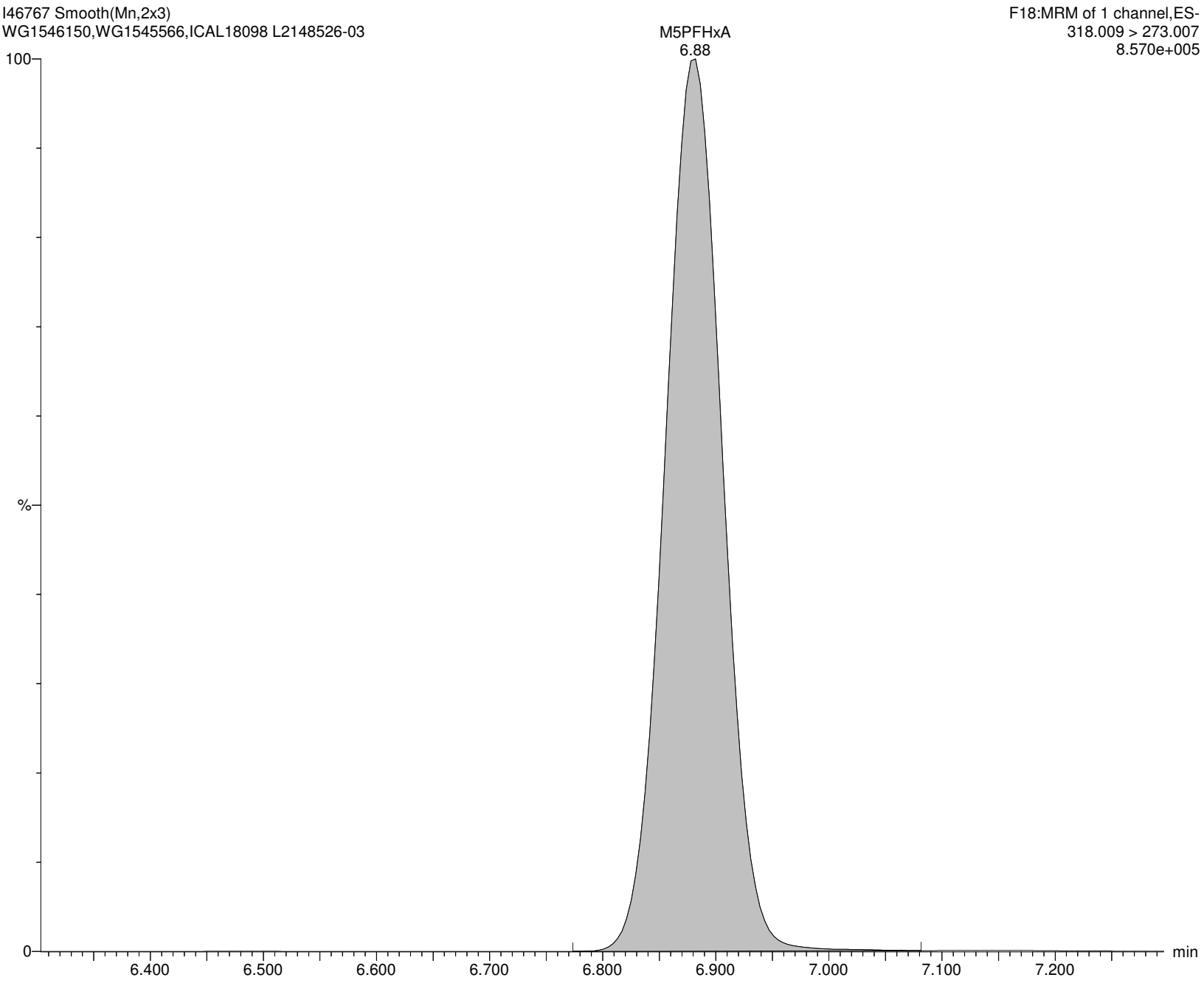


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:02 Eastern Daylight Time

Name: I46767
ID: L2148526-03
Date: 15-Sep-2021
Time: 05:58:54
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFHxA

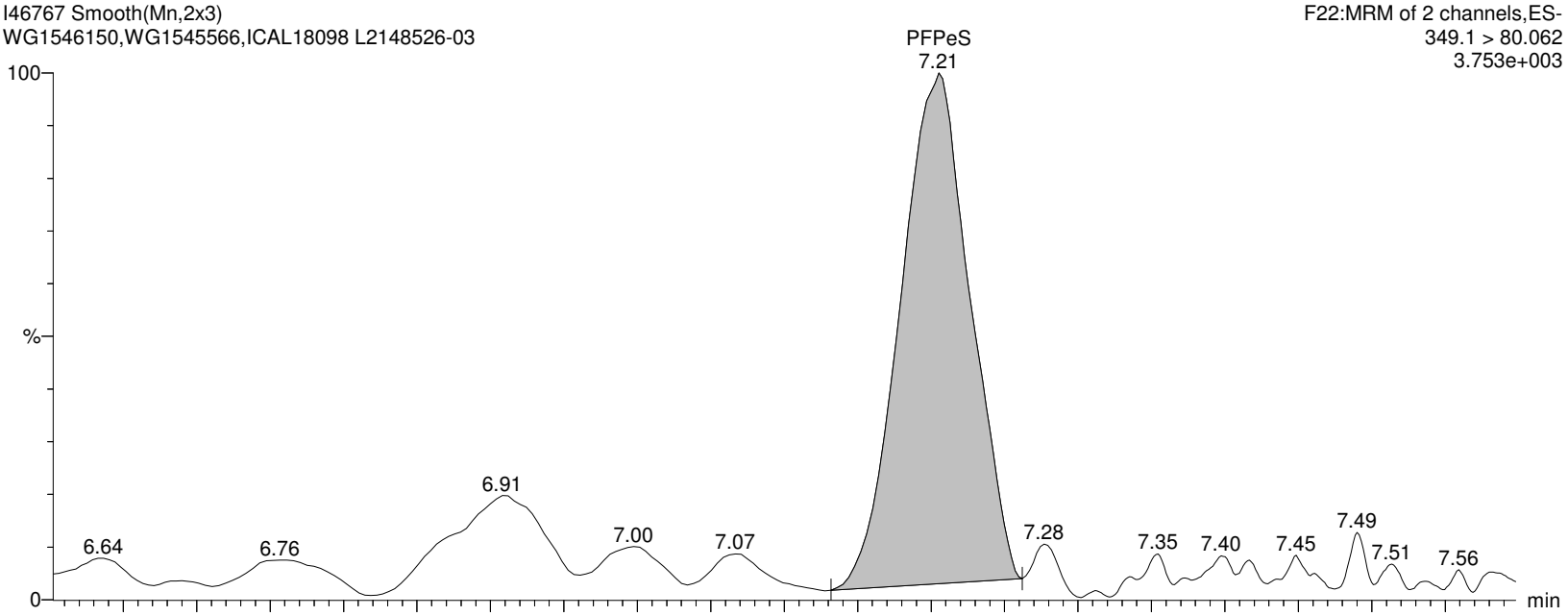


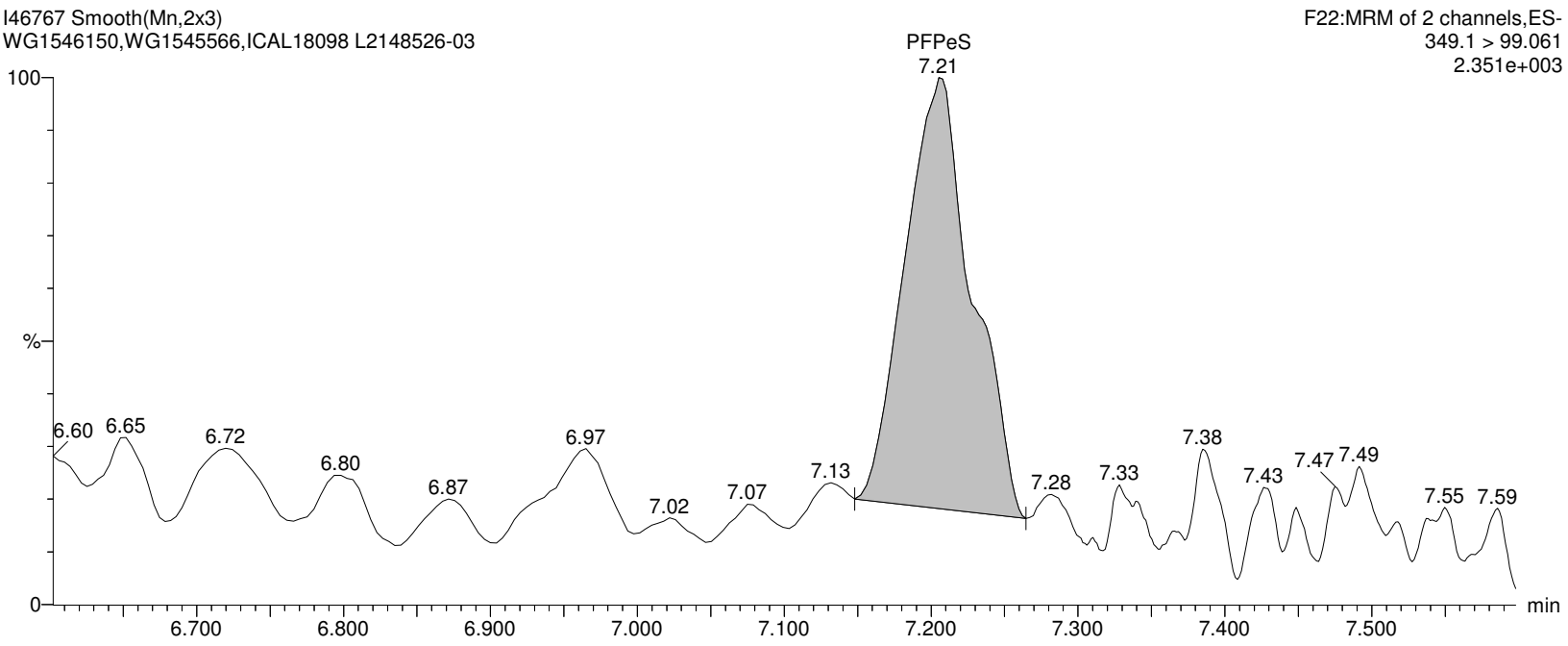
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:02 Eastern Daylight Time

Name: I46767
ID: L2148526-03
Date: 15-Sep-2021
Time: 05:58:54
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeS



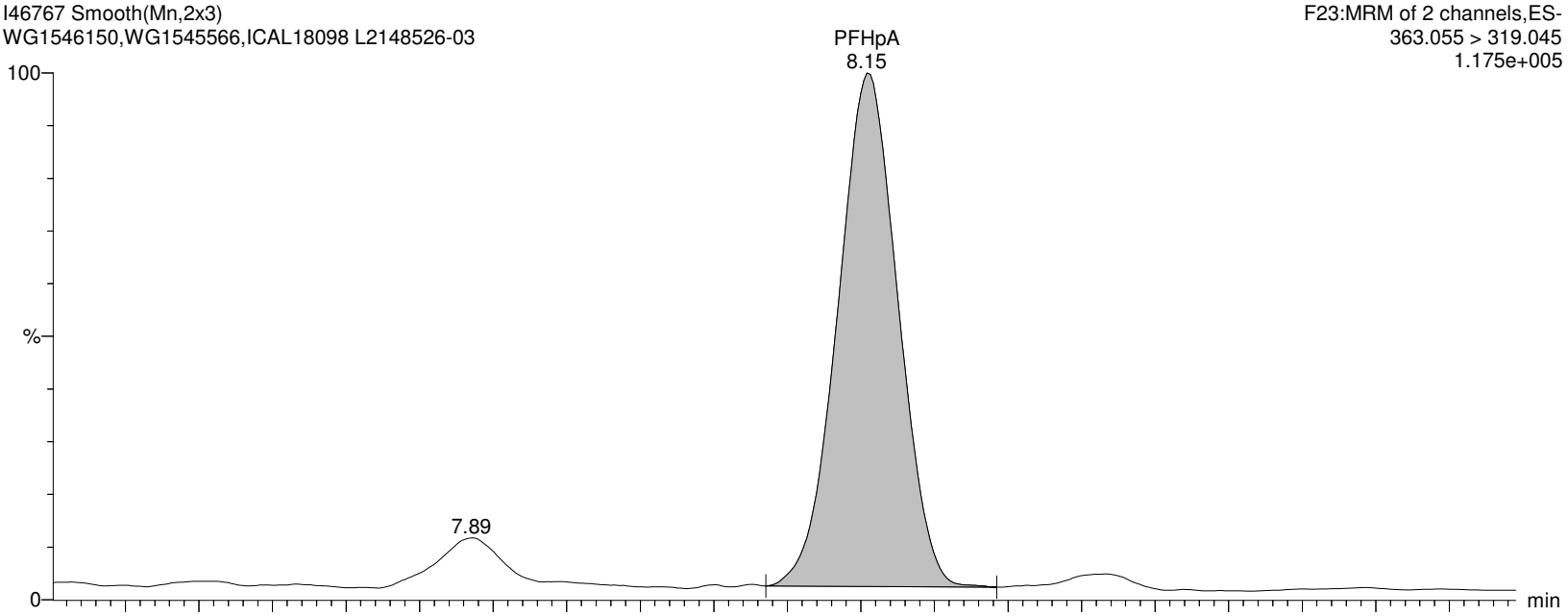


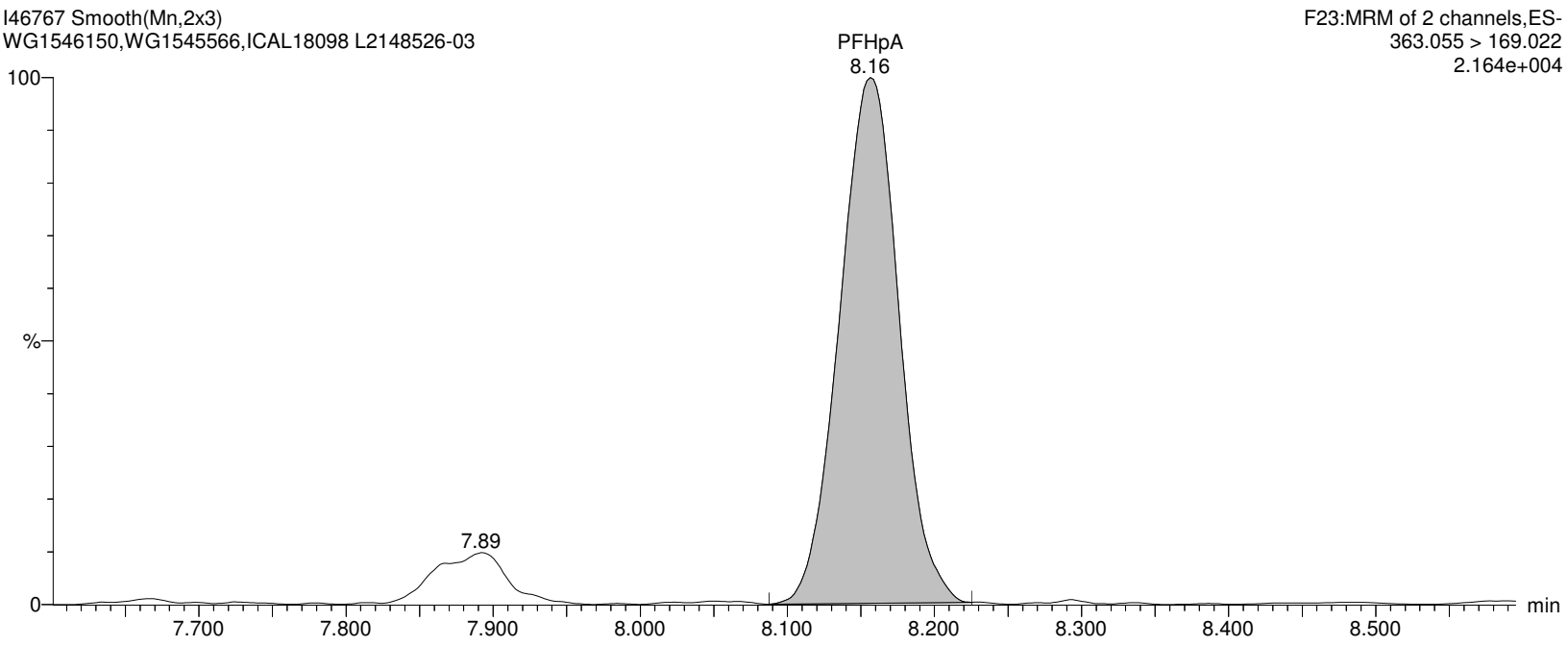
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:02 Eastern Daylight Time

Name: I46767
ID: L2148526-03
Date: 15-Sep-2021
Time: 05:58:54
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpA



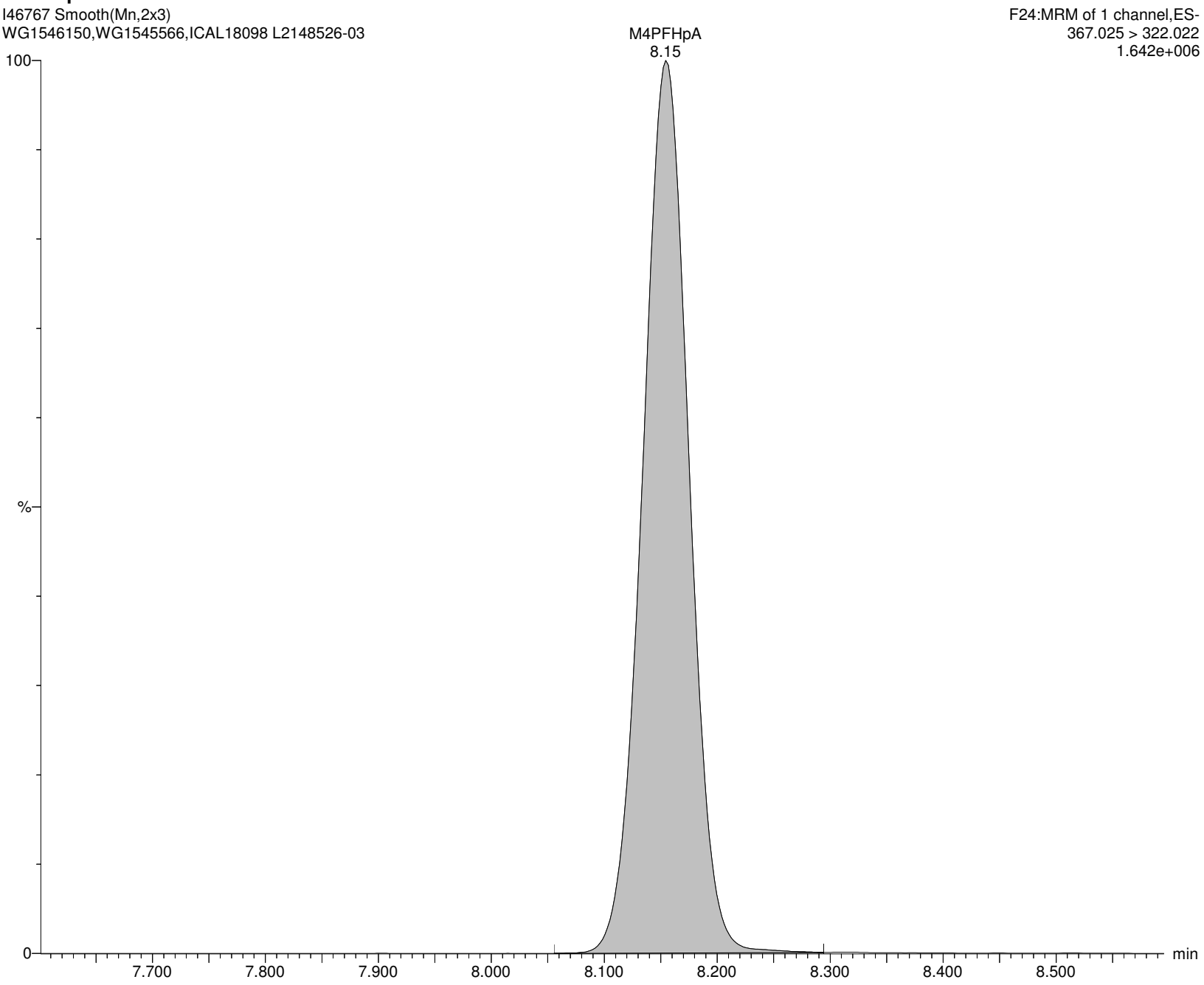


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:02 Eastern Daylight Time

Name: I46767
ID: L2148526-03
Date: 15-Sep-2021
Time: 05:58:54
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFHpA

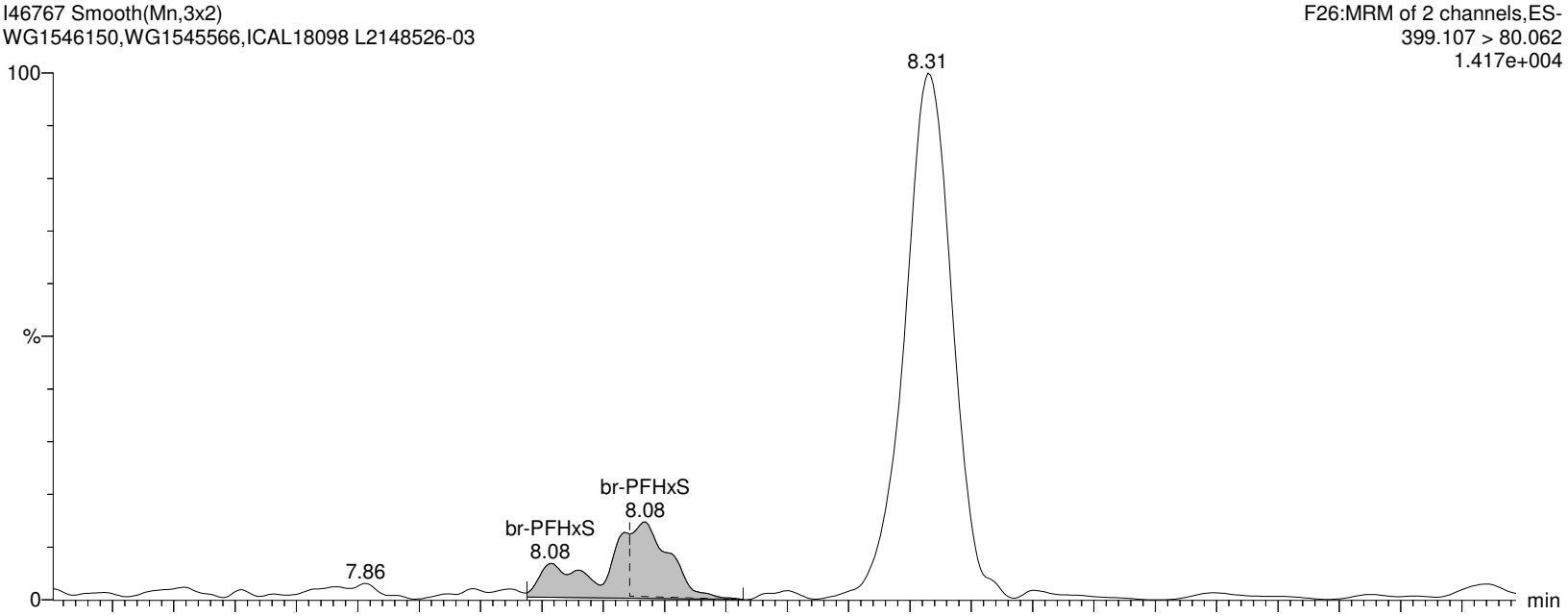


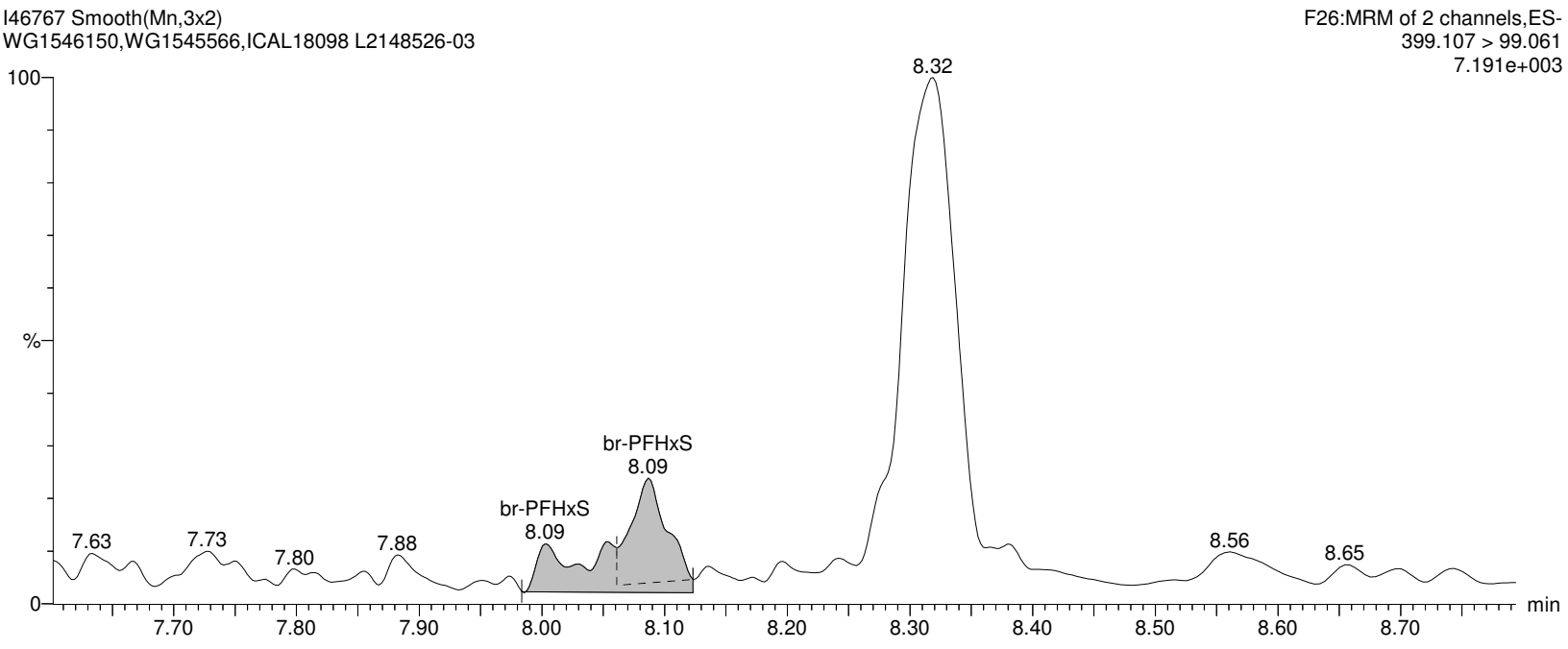
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:02 Eastern Daylight Time

Name: I46767
ID: L2148526-03
Date: 15-Sep-2021
Time: 05:58:54
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFHxS



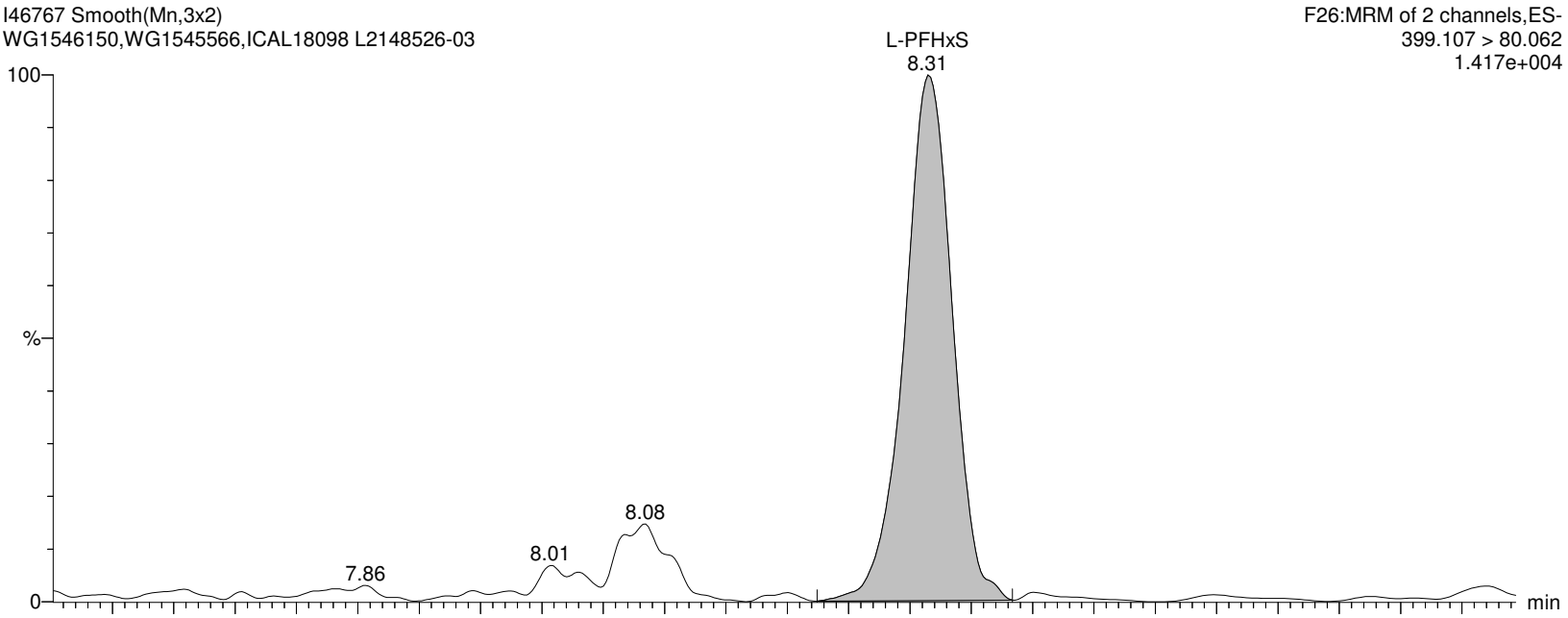


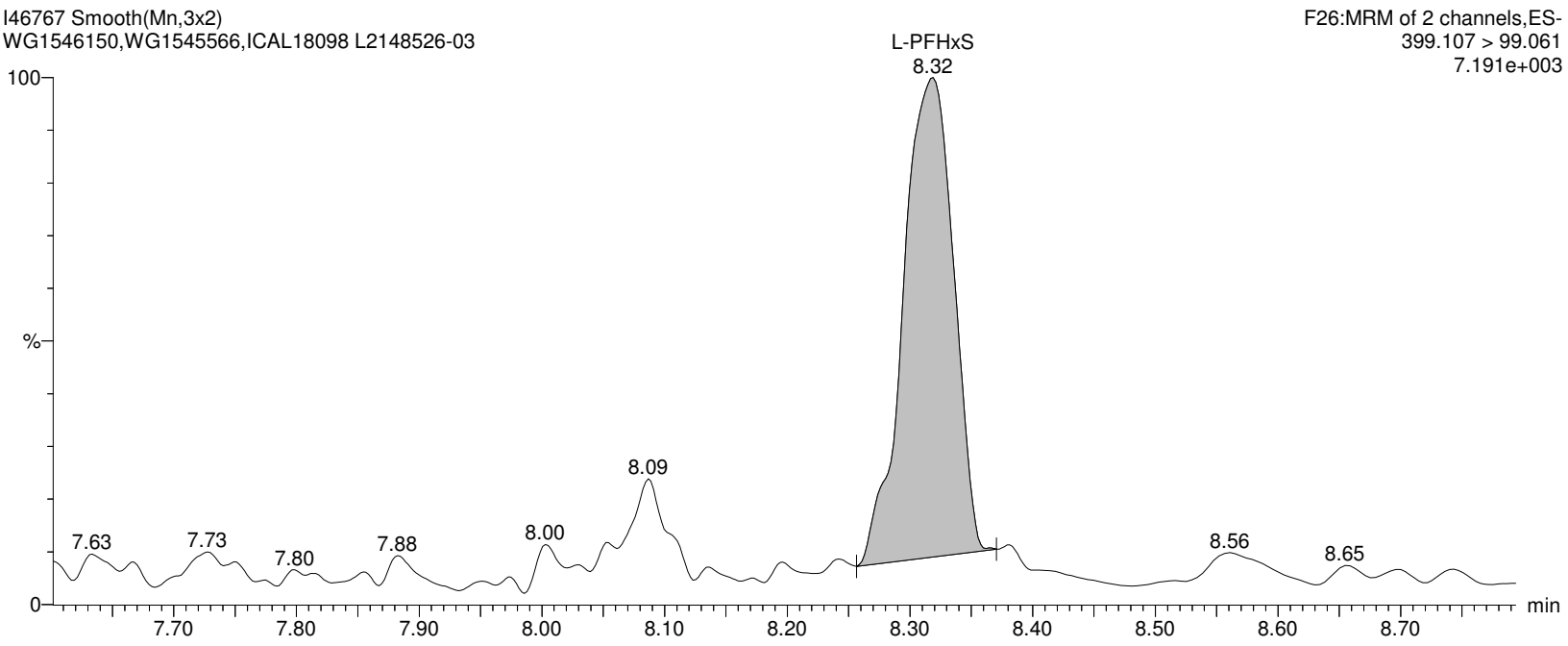
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:02 Eastern Daylight Time

Name: I46767
ID: L2148526-03
Date: 15-Sep-2021
Time: 05:58:54
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFHxS



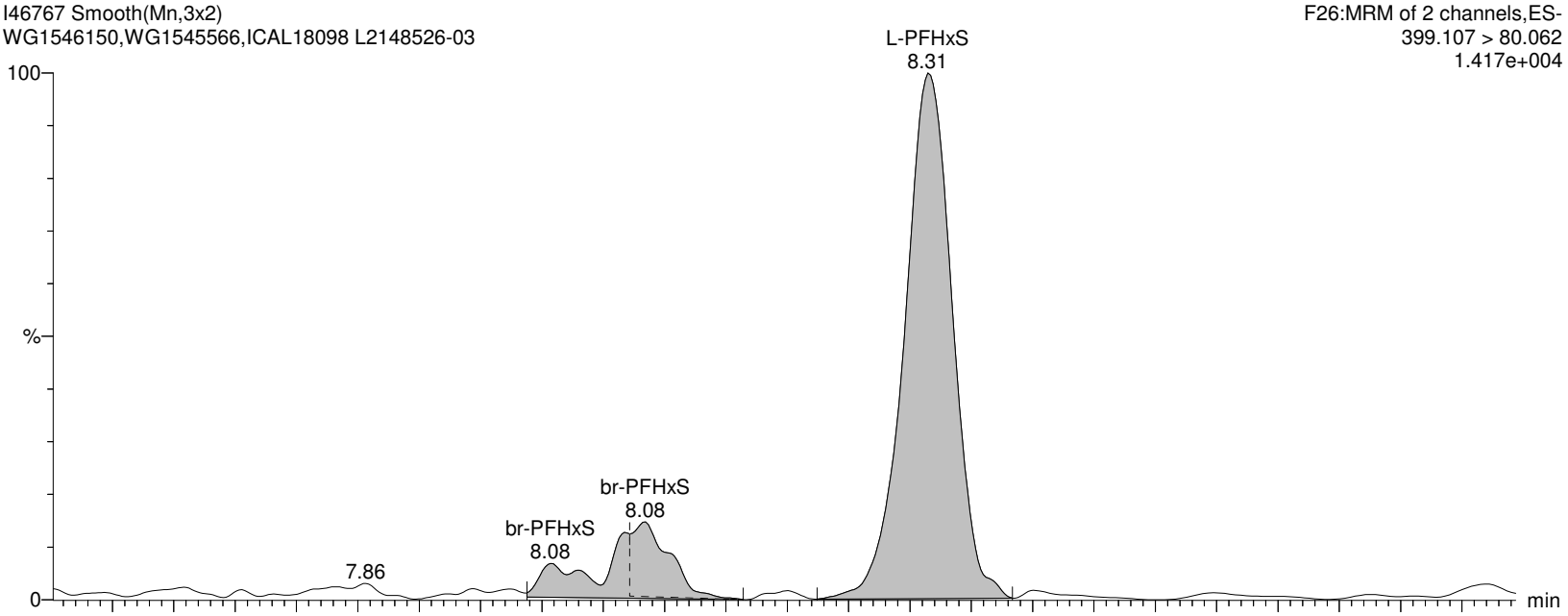


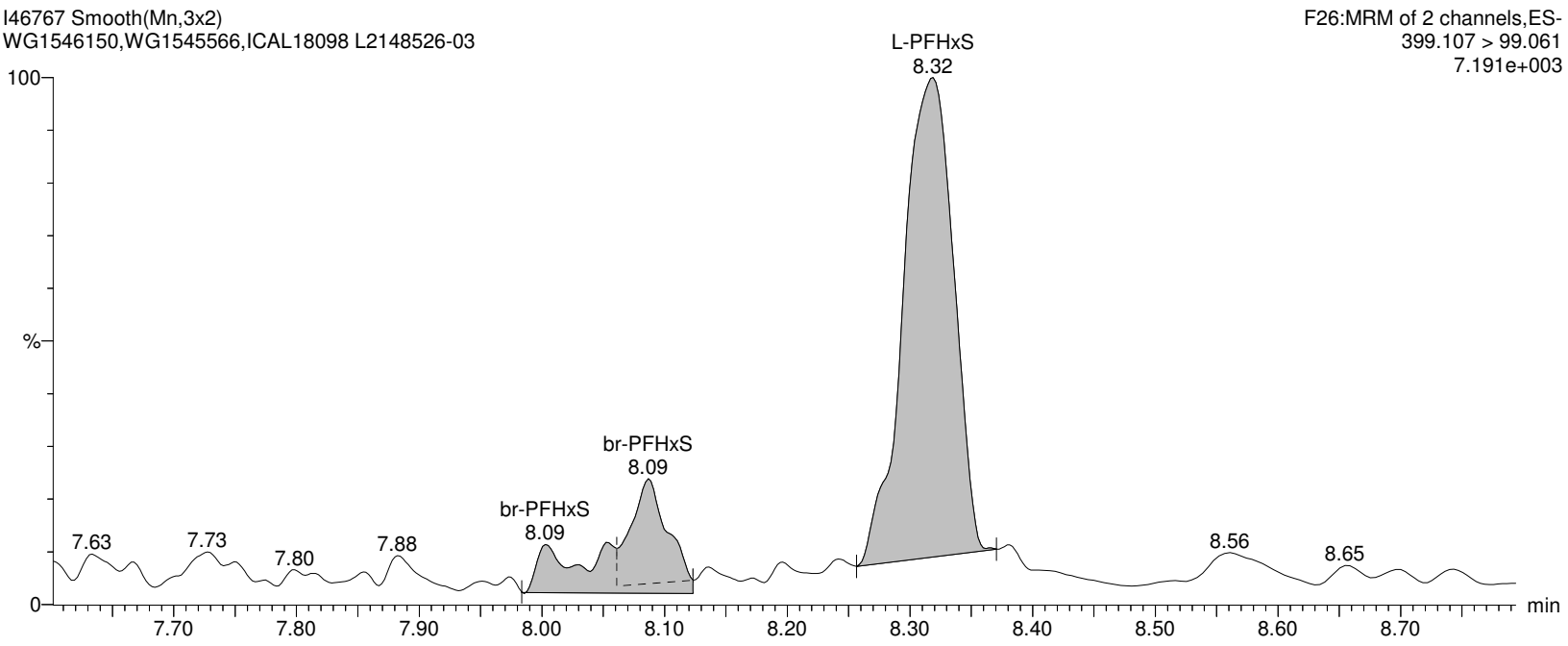
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:02 Eastern Daylight Time

Name: I46767
ID: L2148526-03
Date: 15-Sep-2021
Time: 05:58:54
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxS



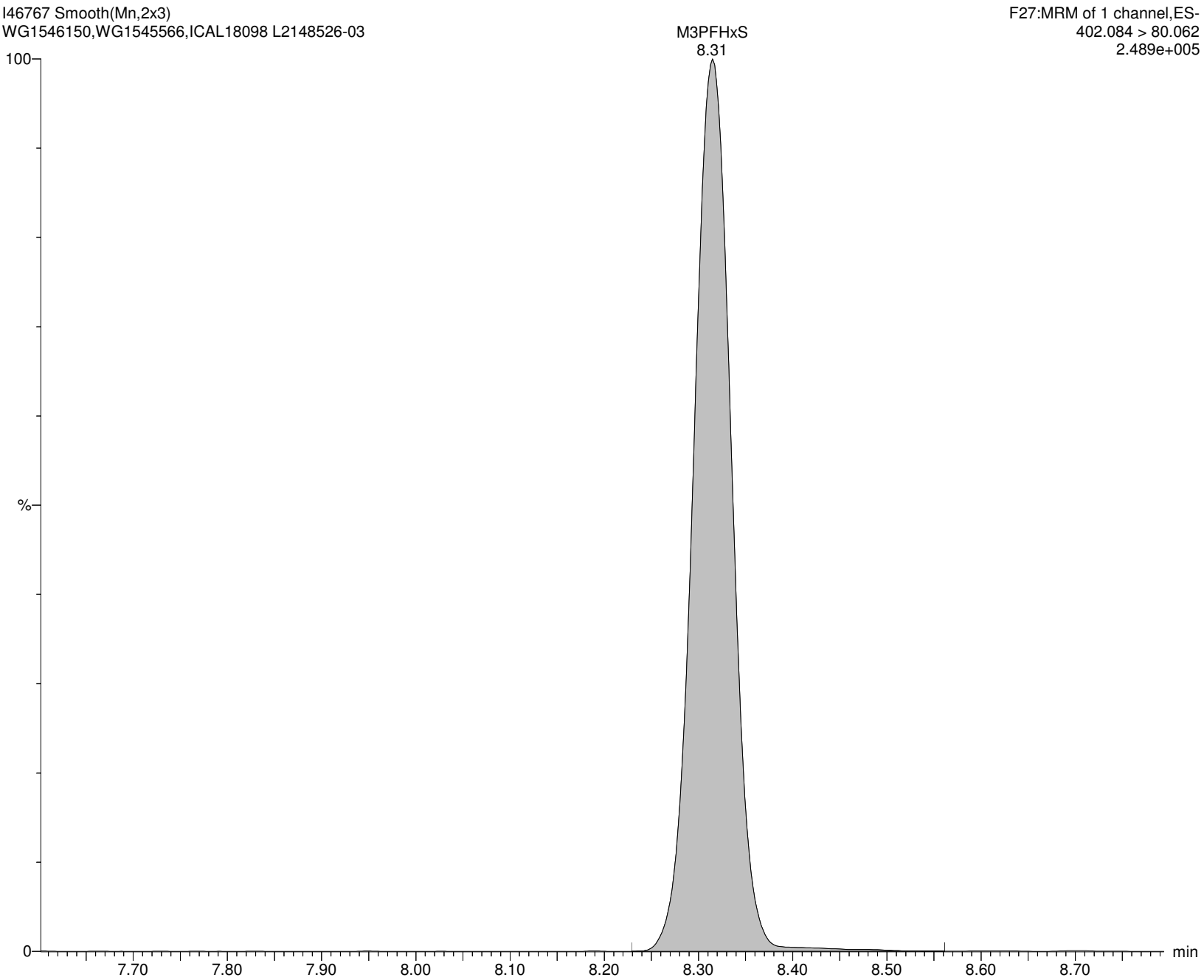


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:02 Eastern Daylight Time

Name: I46767
ID: L2148526-03
Date: 15-Sep-2021
Time: 05:58:54
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFHxS

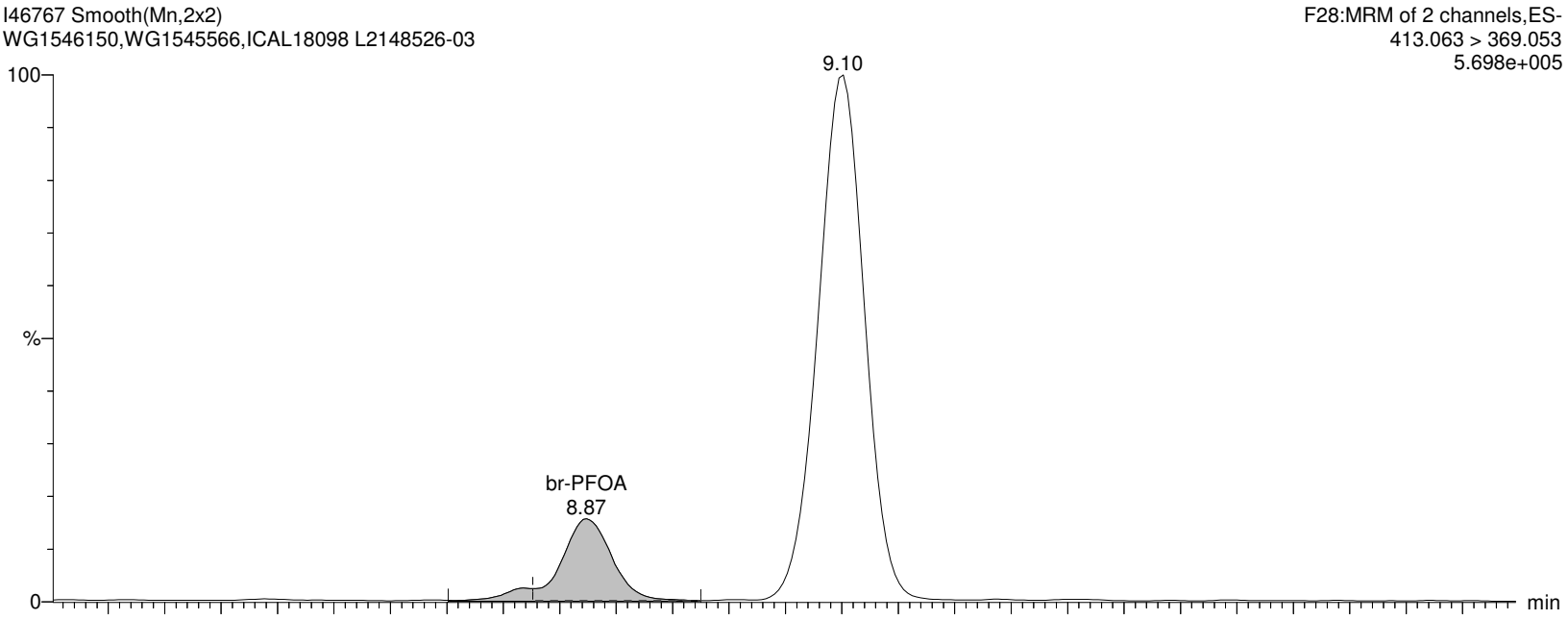


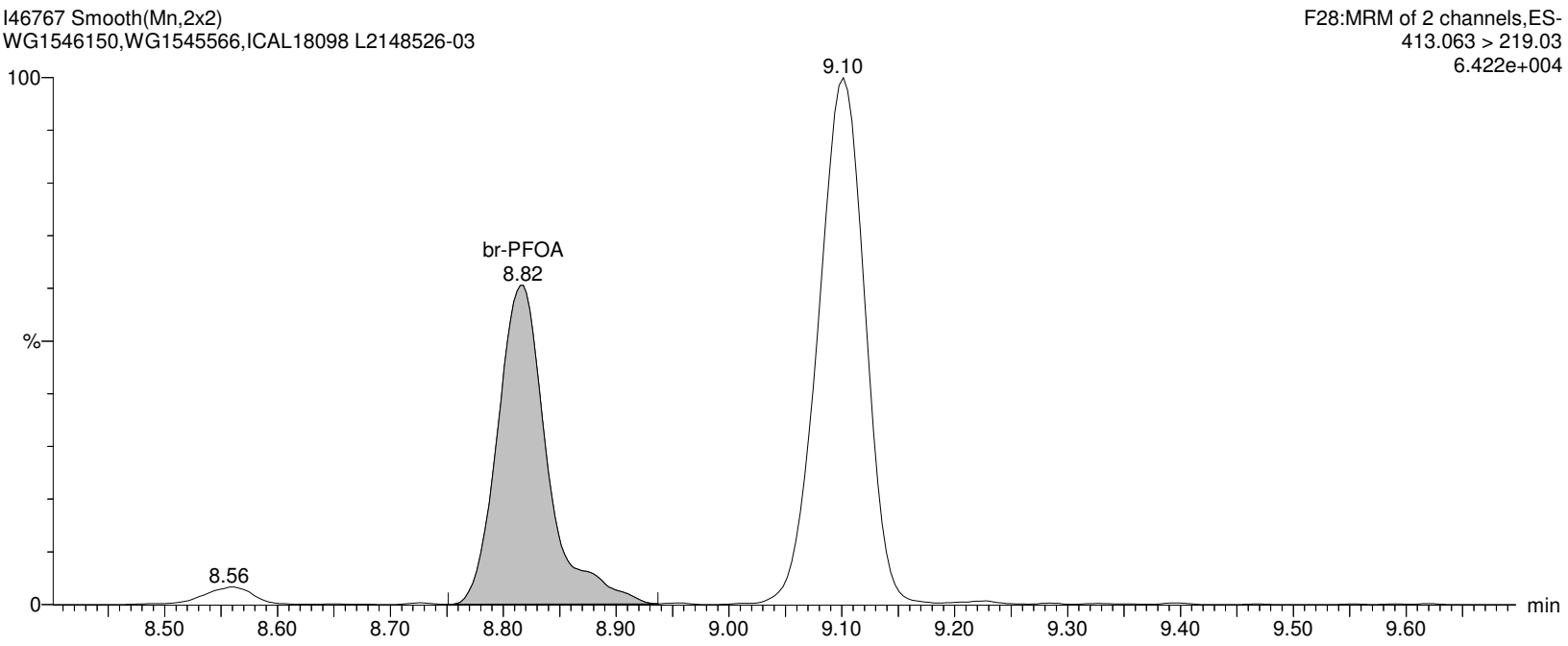
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:02 Eastern Daylight Time

Name: I46767
ID: L2148526-03
Date: 15-Sep-2021
Time: 05:58:54
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOA



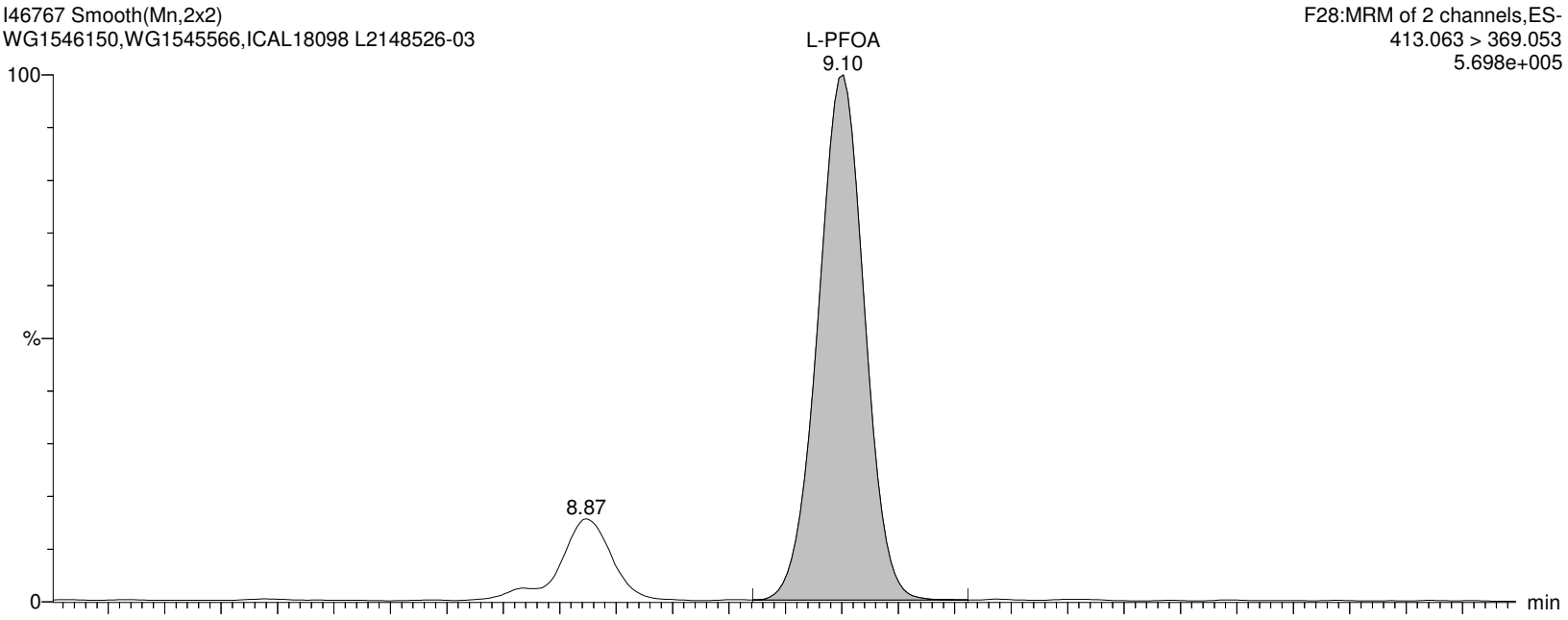


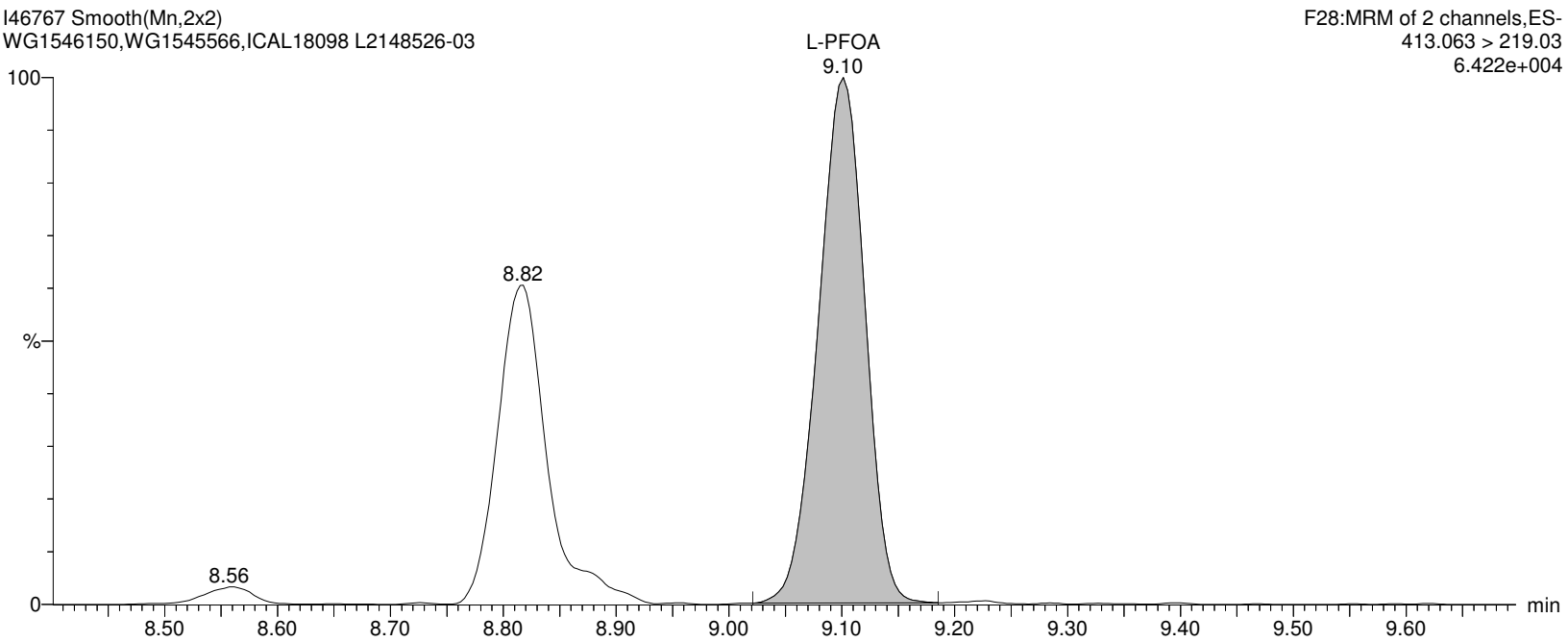
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:02 Eastern Daylight Time

Name: I46767
ID: L2148526-03
Date: 15-Sep-2021
Time: 05:58:54
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOA



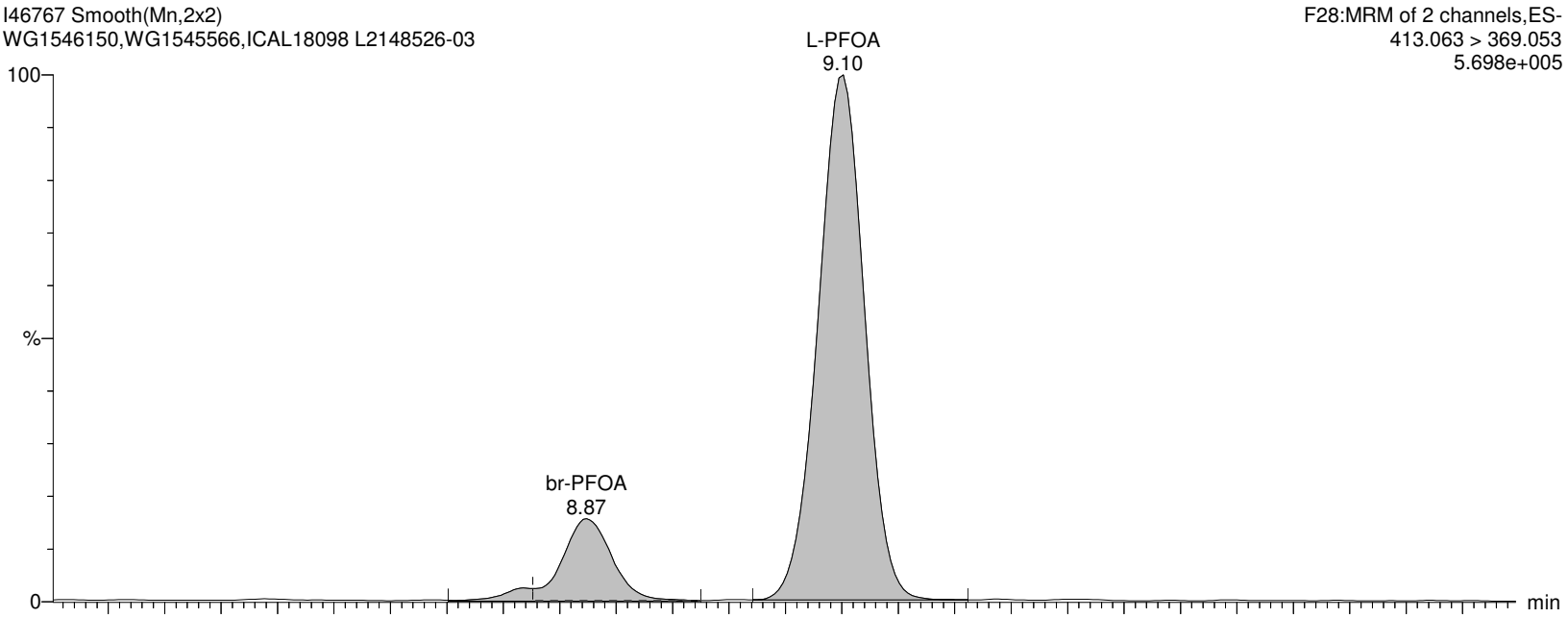


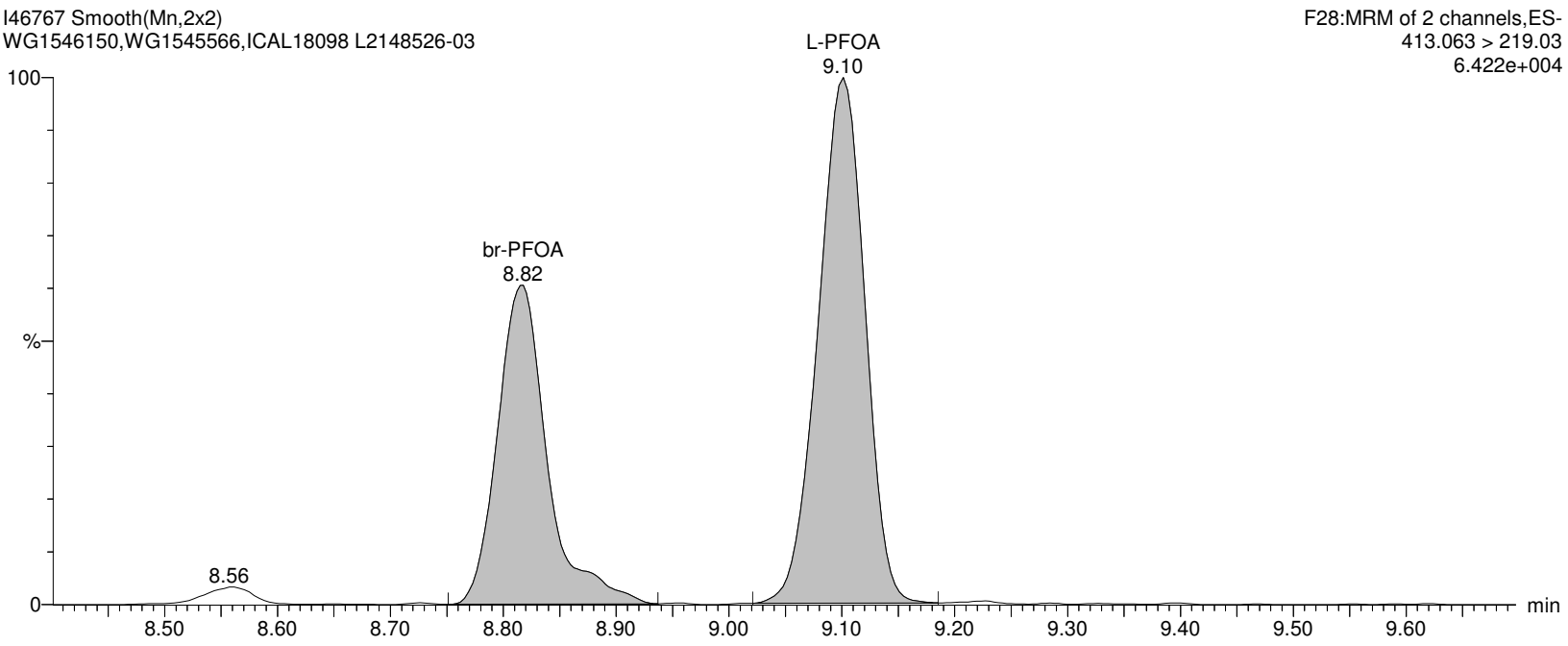
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:02 Eastern Daylight Time

Name: I46767
ID: L2148526-03
Date: 15-Sep-2021
Time: 05:58:54
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOA



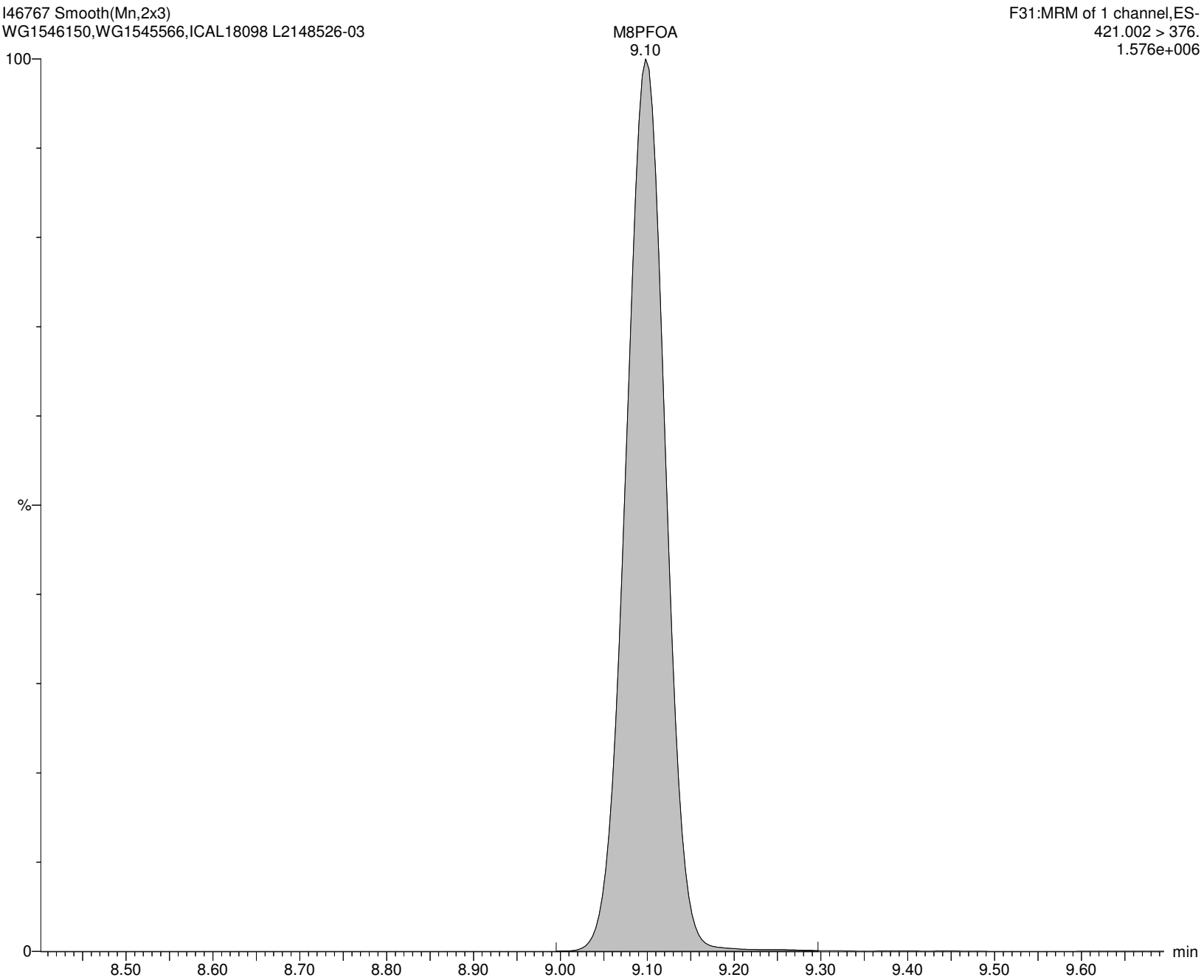


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:02 Eastern Daylight Time

Name: I46767
ID: L2148526-03
Date: 15-Sep-2021
Time: 05:58:54
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOA

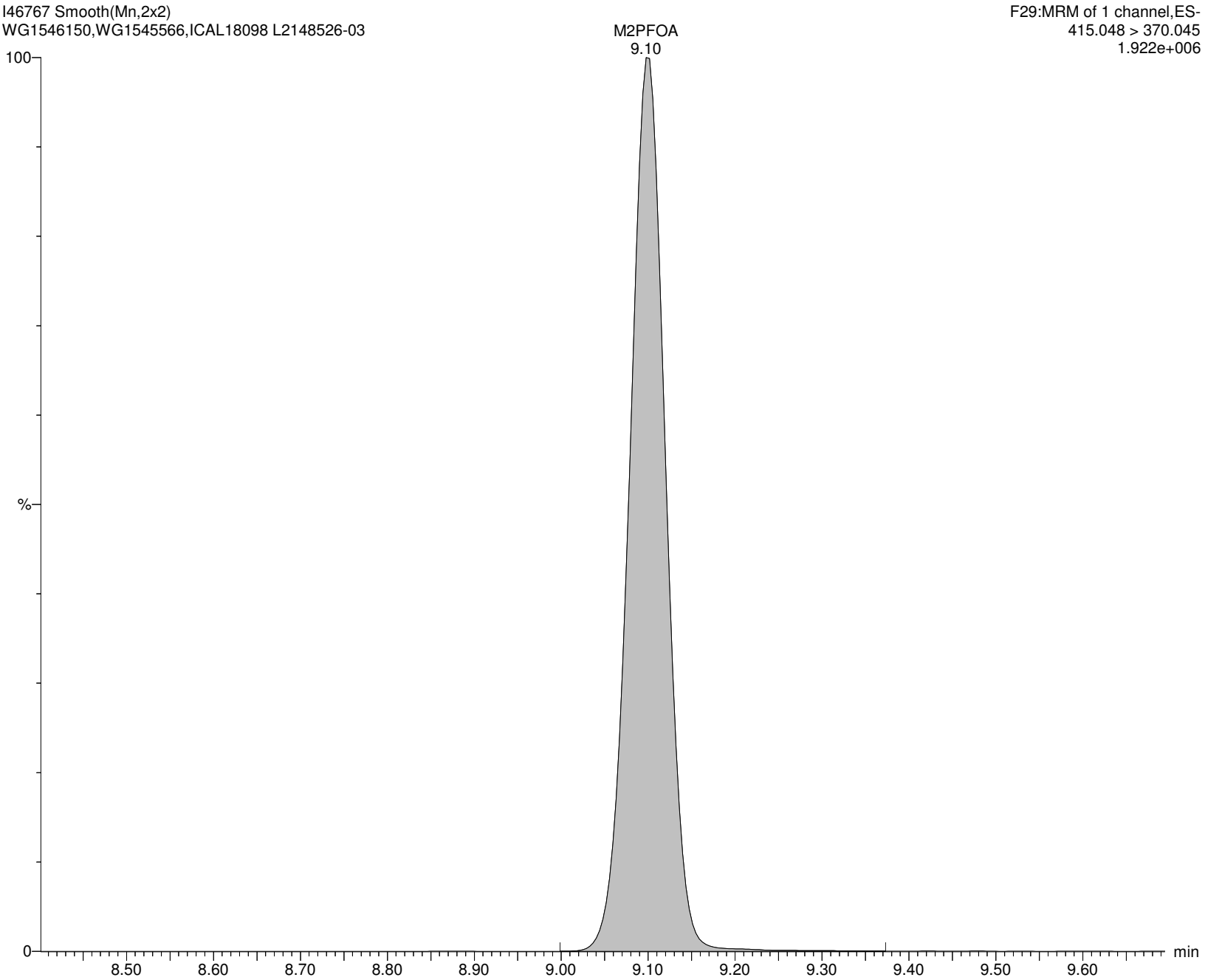


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:02 Eastern Daylight Time

Name: I46767
ID: L2148526-03
Date: 15-Sep-2021
Time: 05:58:54
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFOA

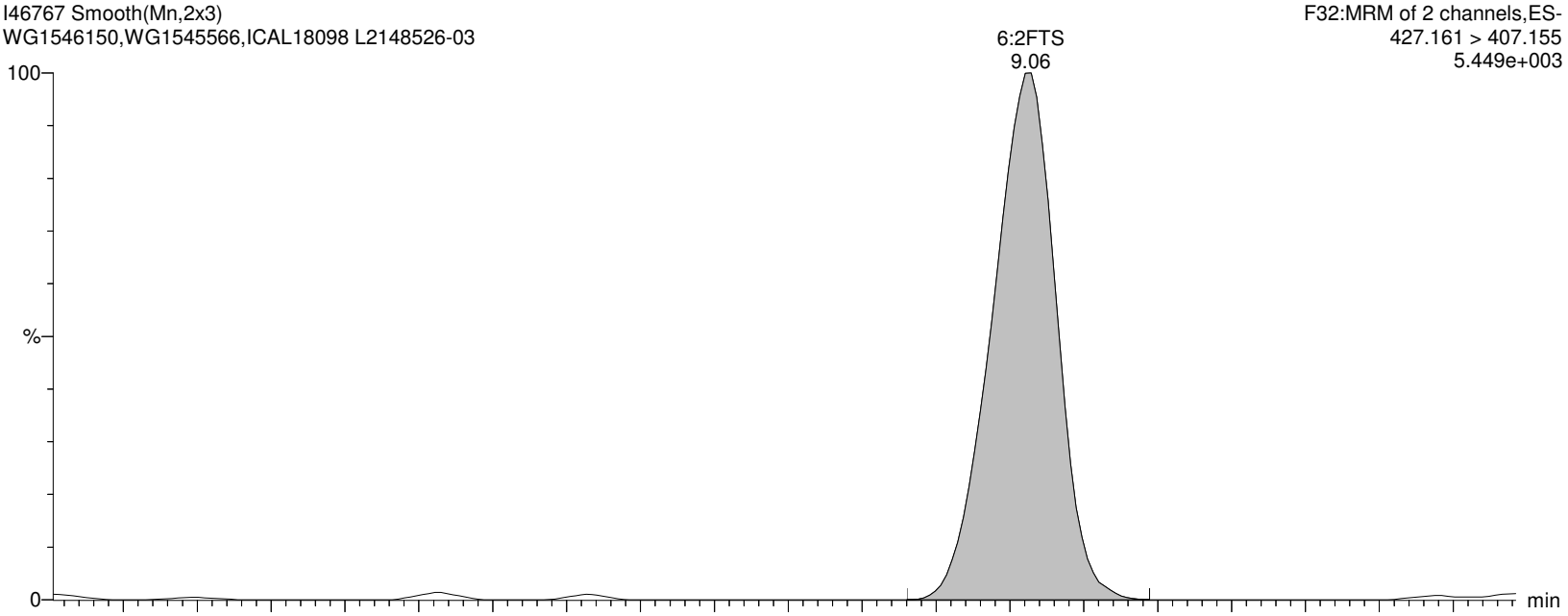


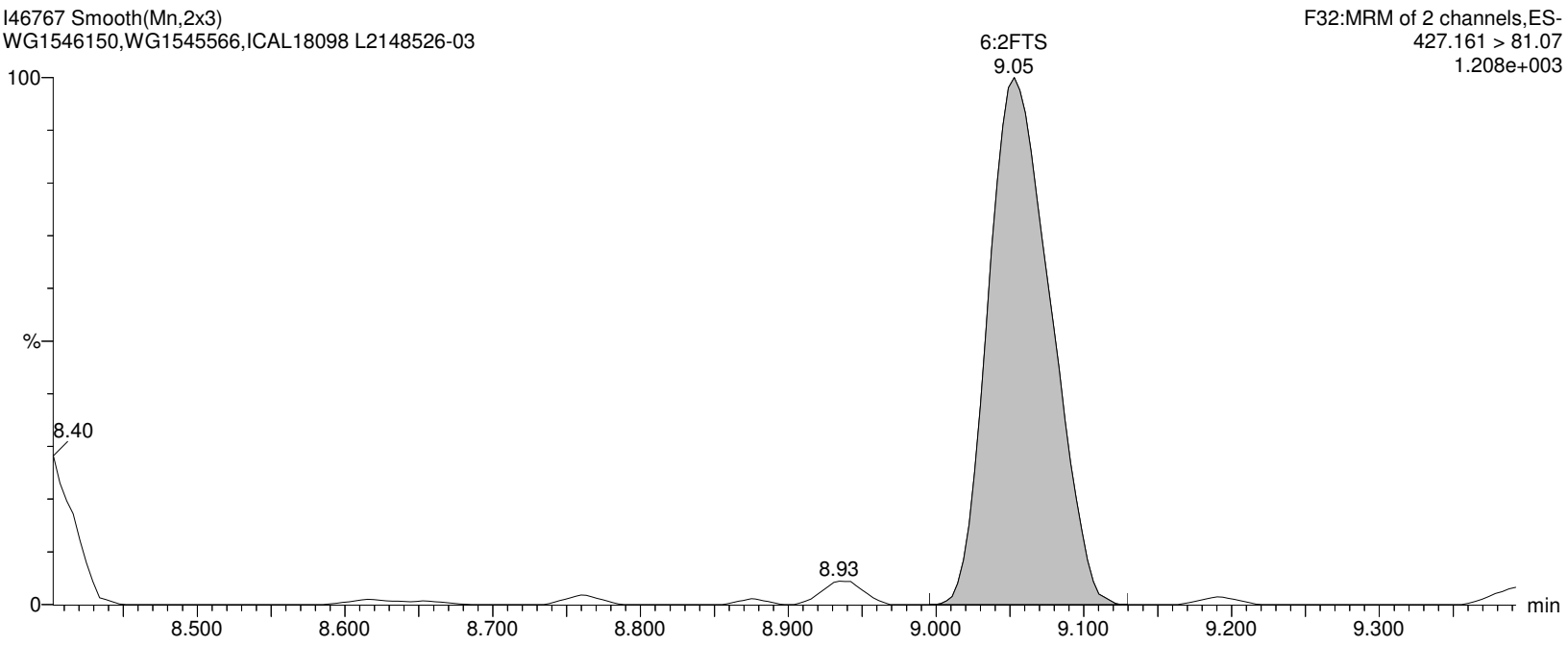
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:02 Eastern Daylight Time

Name: I46767
ID: L2148526-03
Date: 15-Sep-2021
Time: 05:58:54
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

6:2FTS



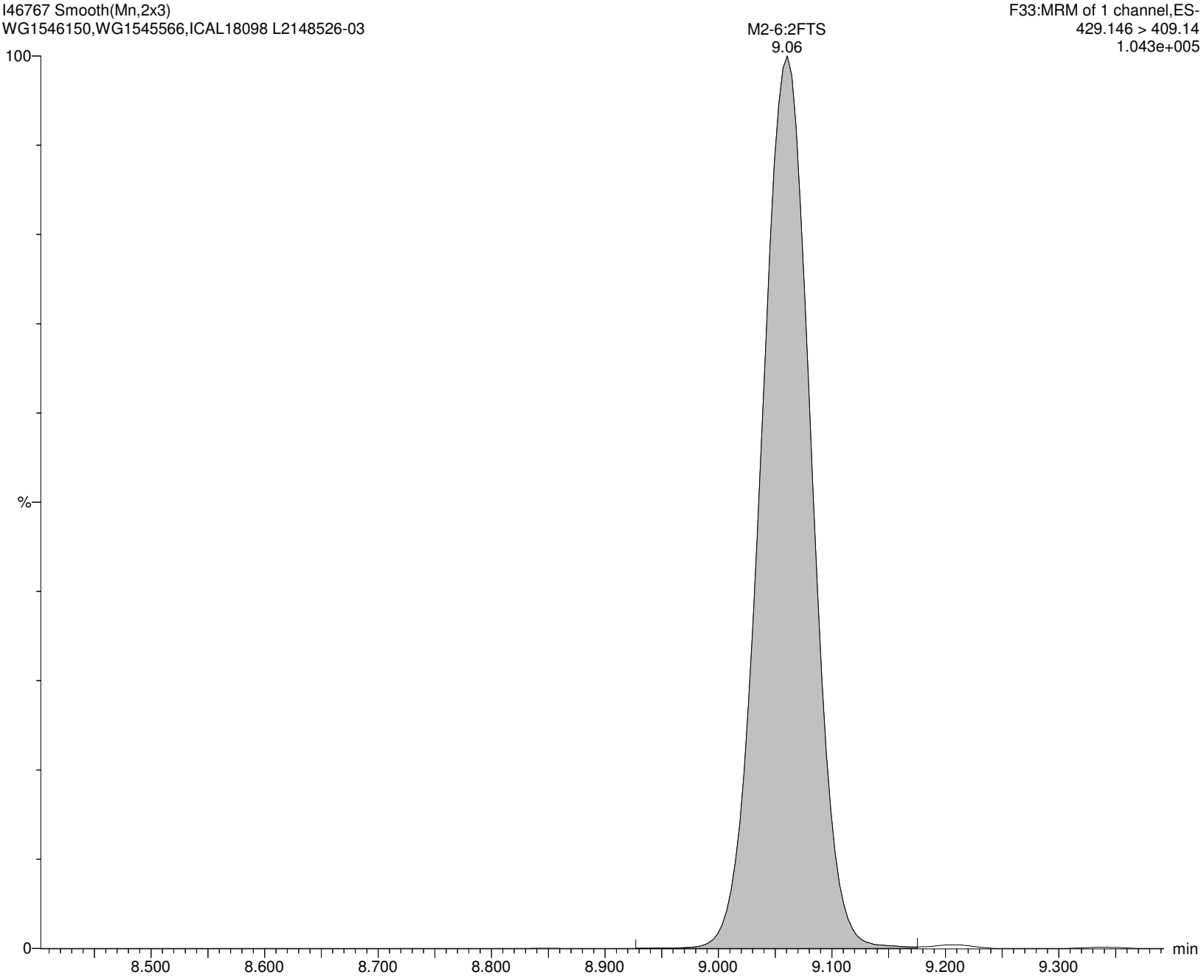


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:02 Eastern Daylight Time

Name: I46767
ID: L2148526-03
Date: 15-Sep-2021
Time: 05:58:54
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-6:2FTS

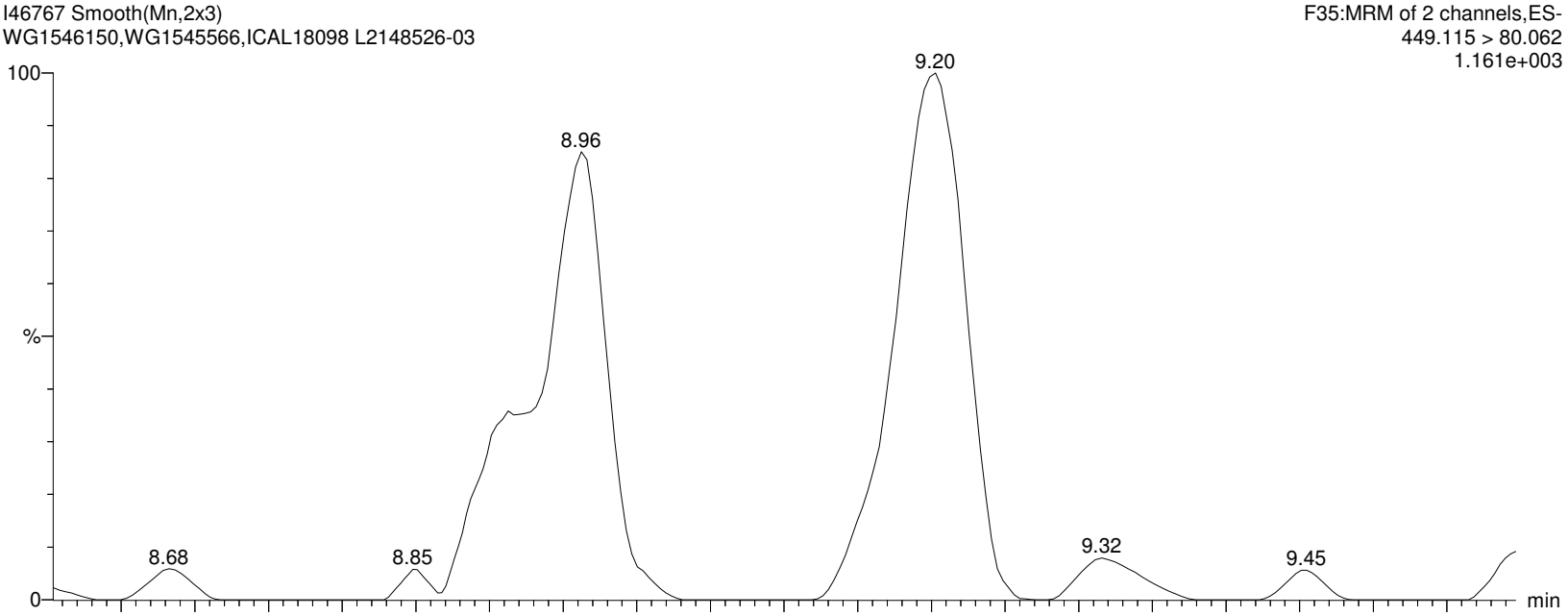


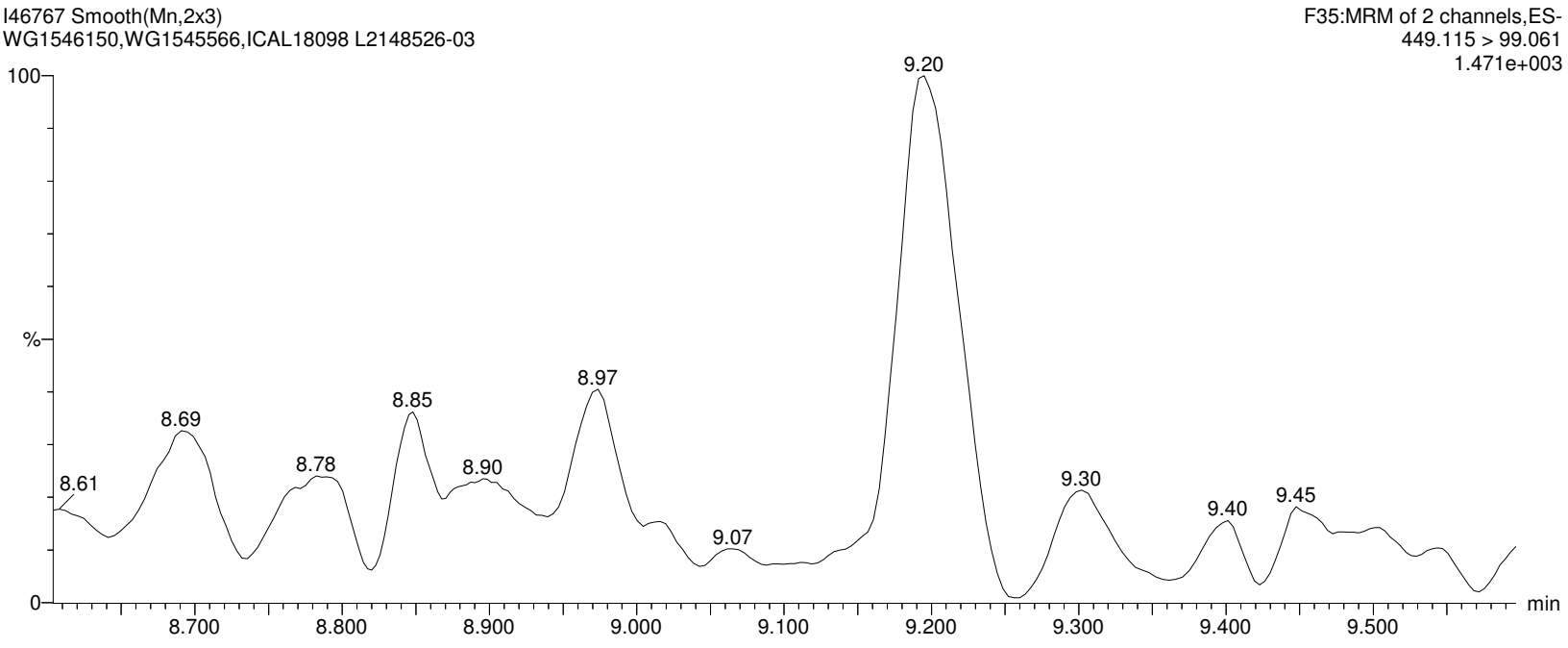
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:02 Eastern Daylight Time

Name: I46767
ID: L2148526-03
Date: 15-Sep-2021
Time: 05:58:54
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpS



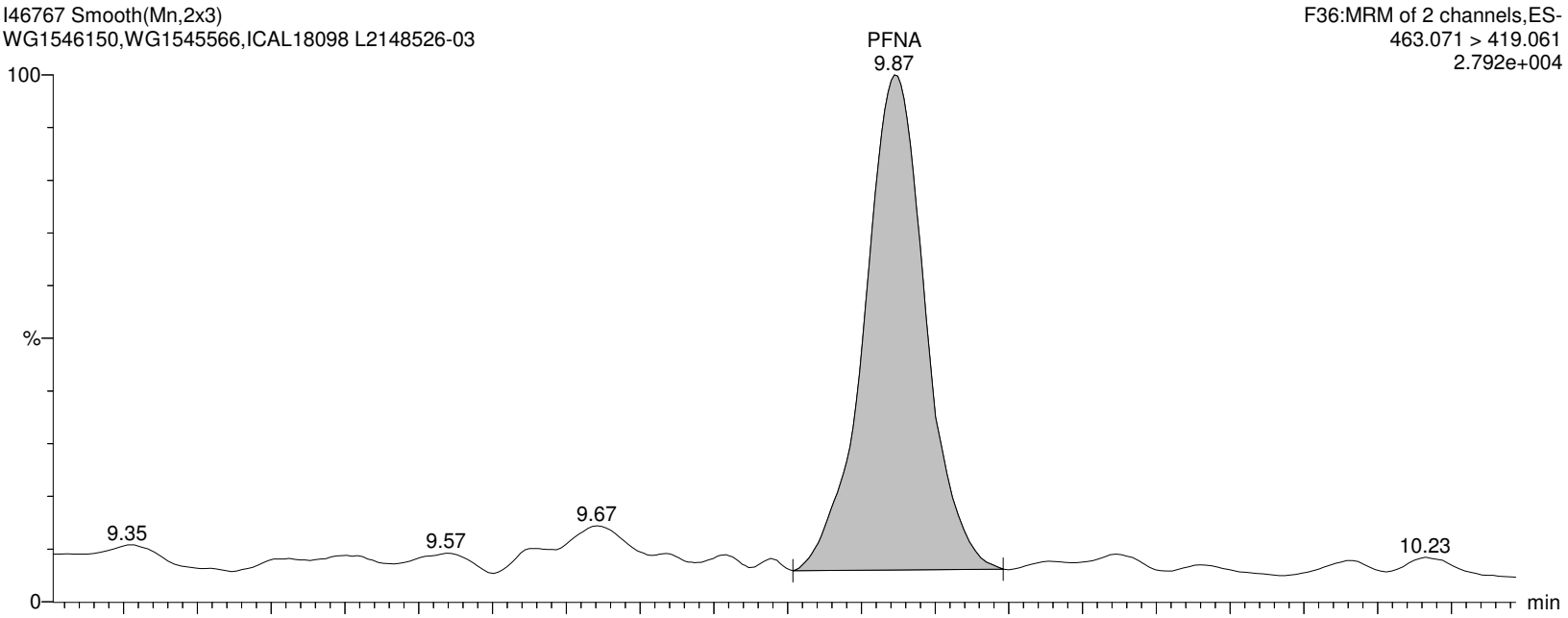


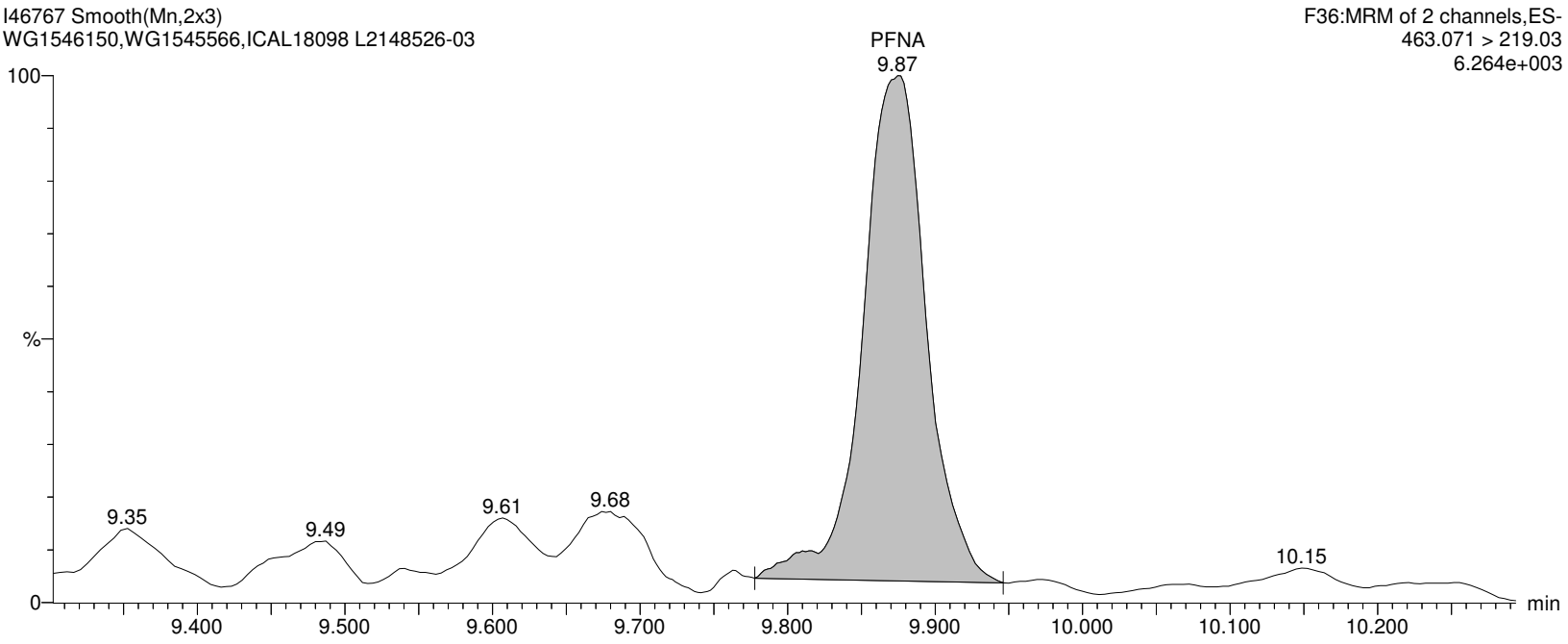
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:02 Eastern Daylight Time

Name: I46767
ID: L2148526-03
Date: 15-Sep-2021
Time: 05:58:54
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNA



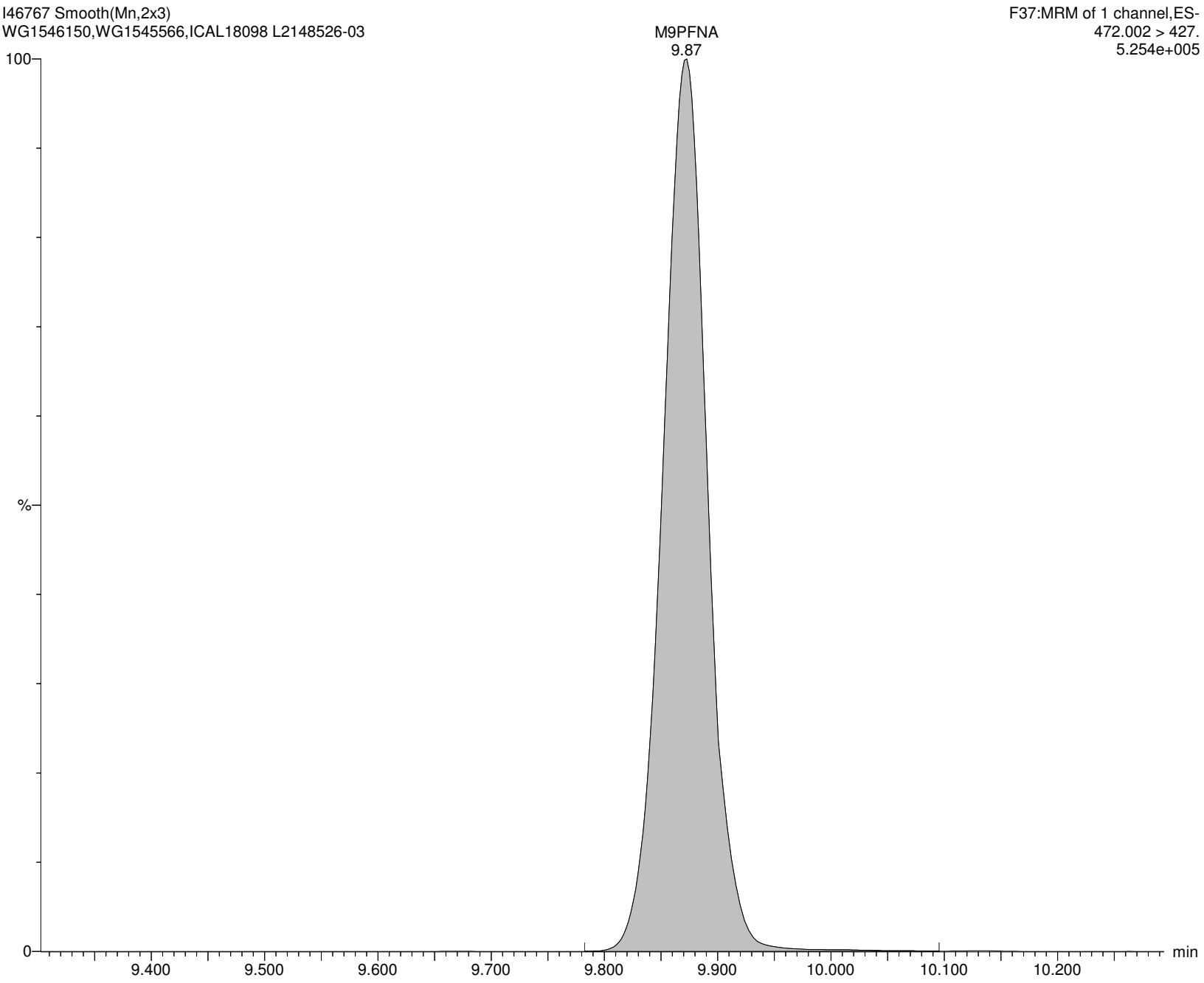


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:02 Eastern Daylight Time

Name: I46767
ID: L2148526-03
Date: 15-Sep-2021
Time: 05:58:54
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M9PFNA

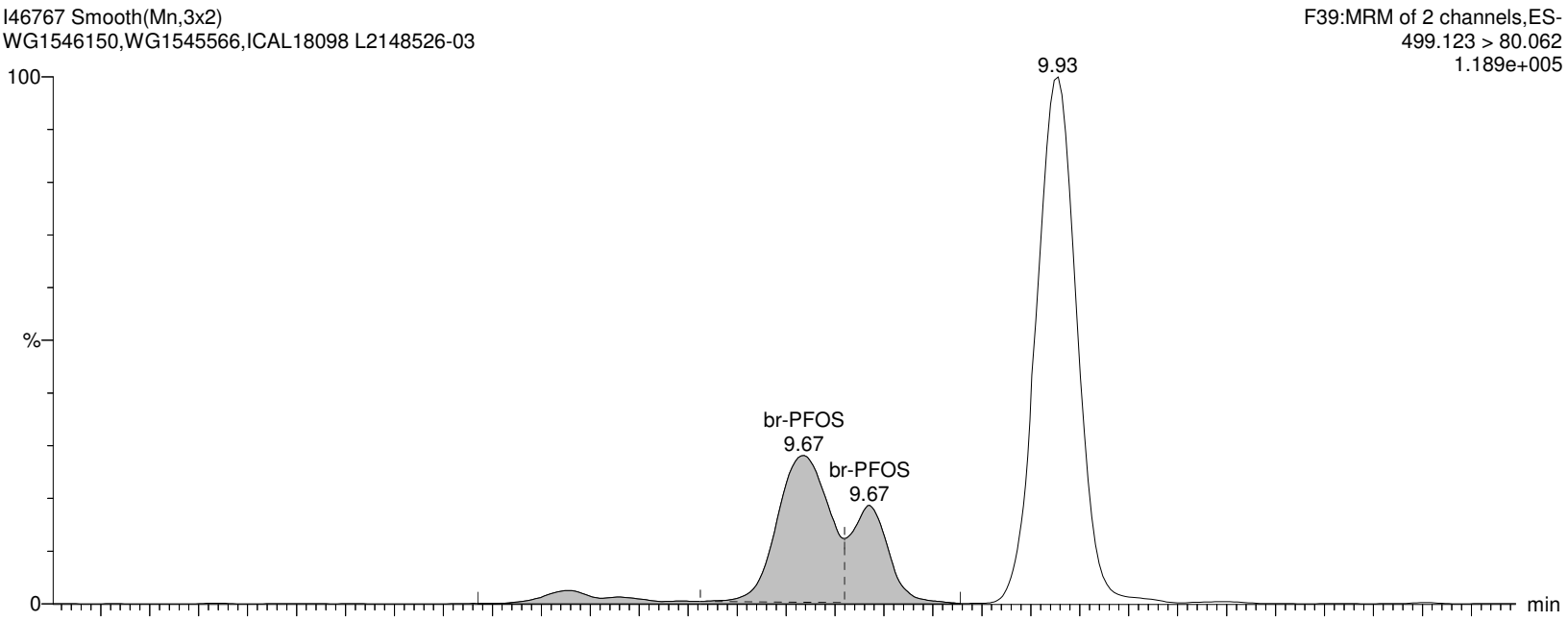


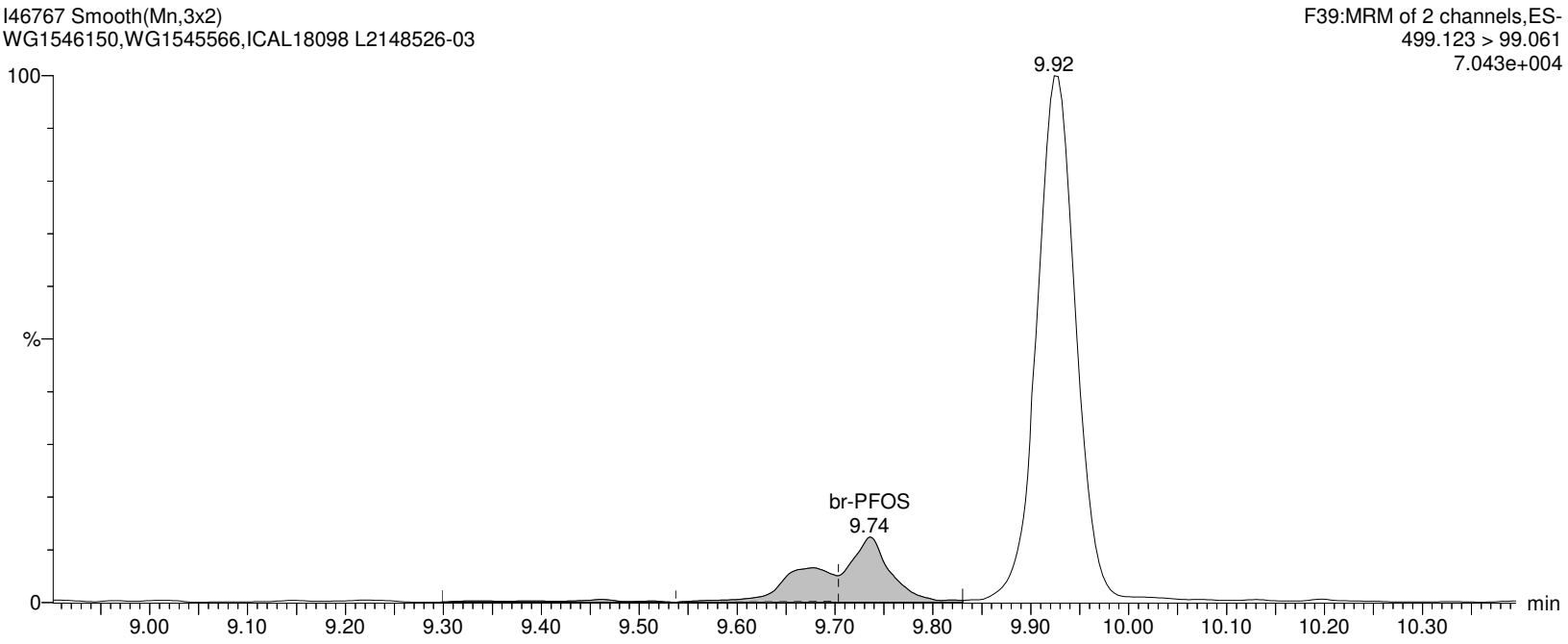
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:02 Eastern Daylight Time

Name: I46767
ID: L2148526-03
Date: 15-Sep-2021
Time: 05:58:54
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOS



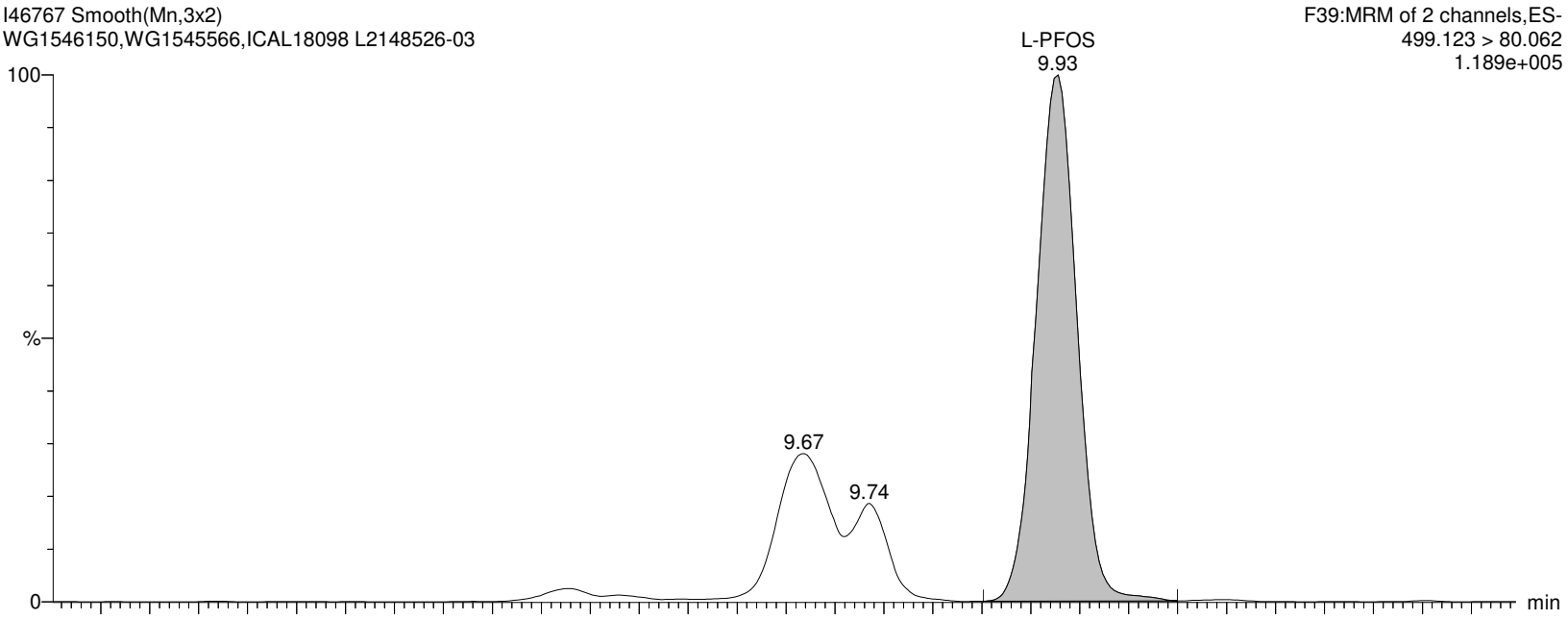


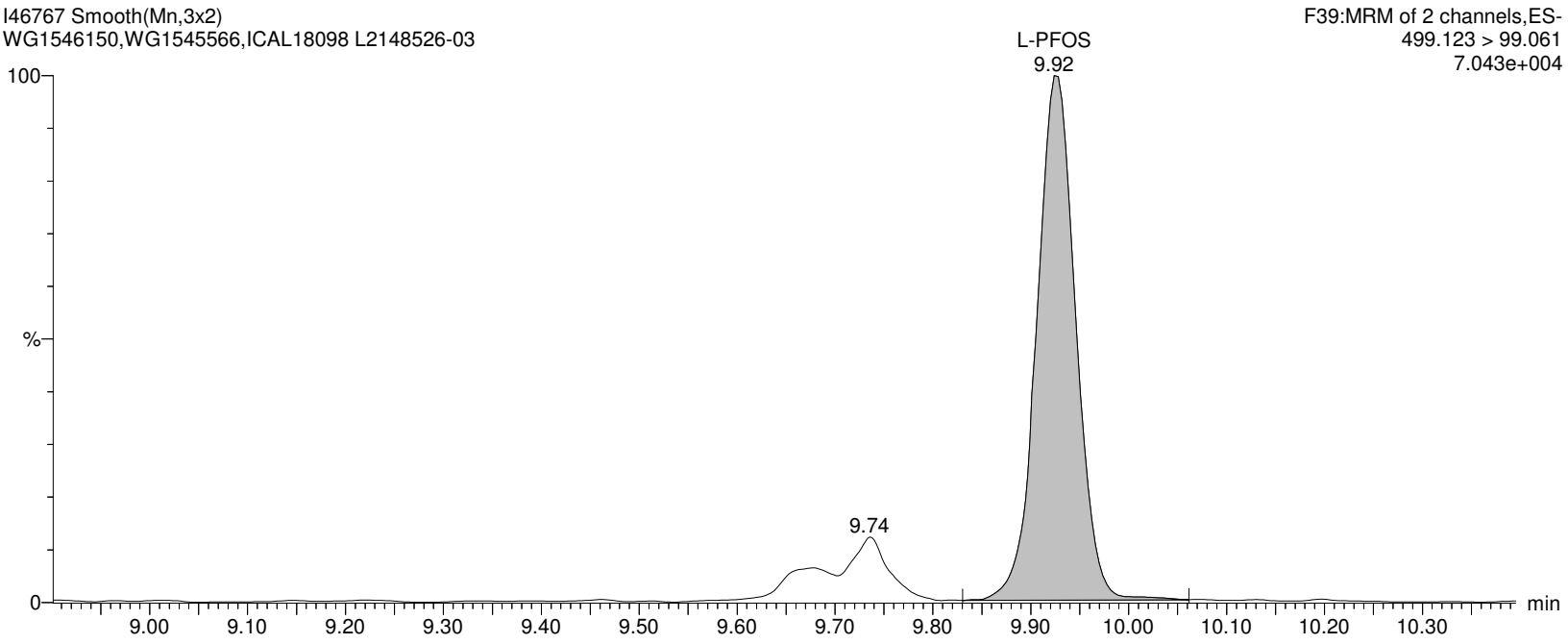
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:02 Eastern Daylight Time

Name: I46767
ID: L2148526-03
Date: 15-Sep-2021
Time: 05:58:54
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOS



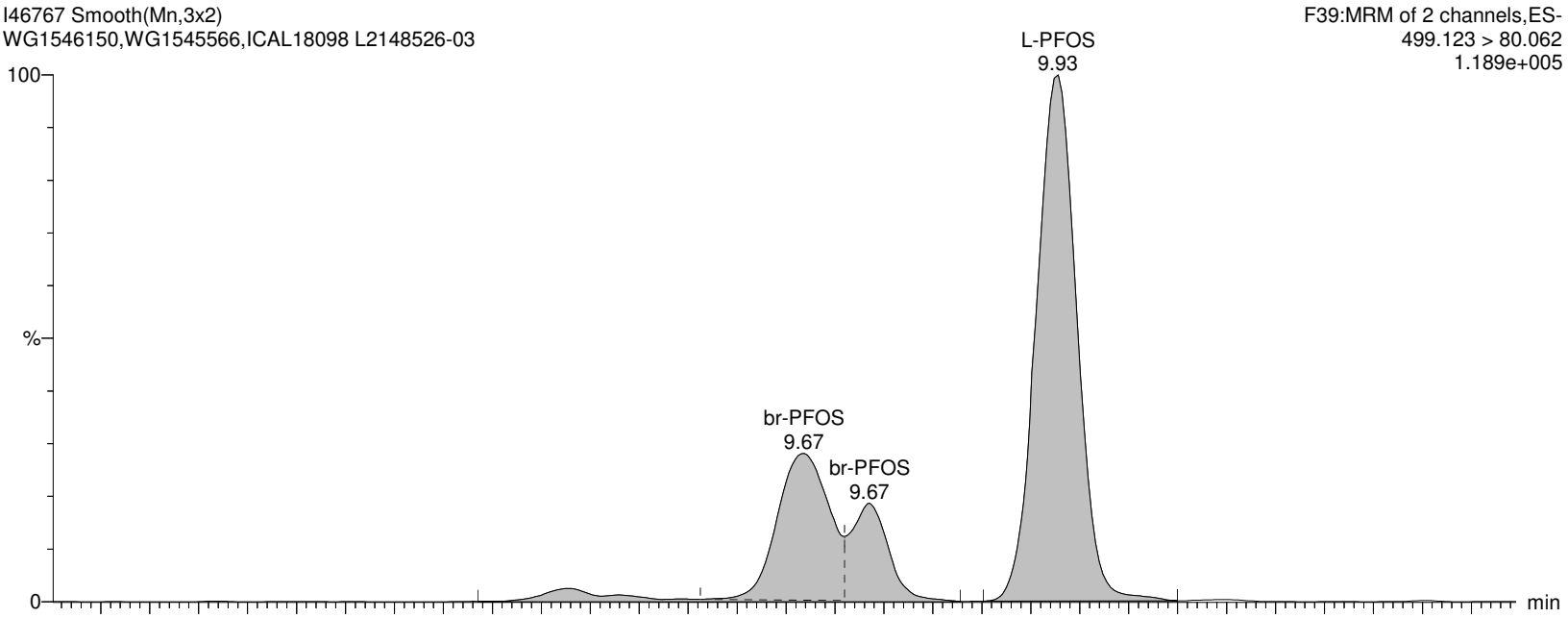


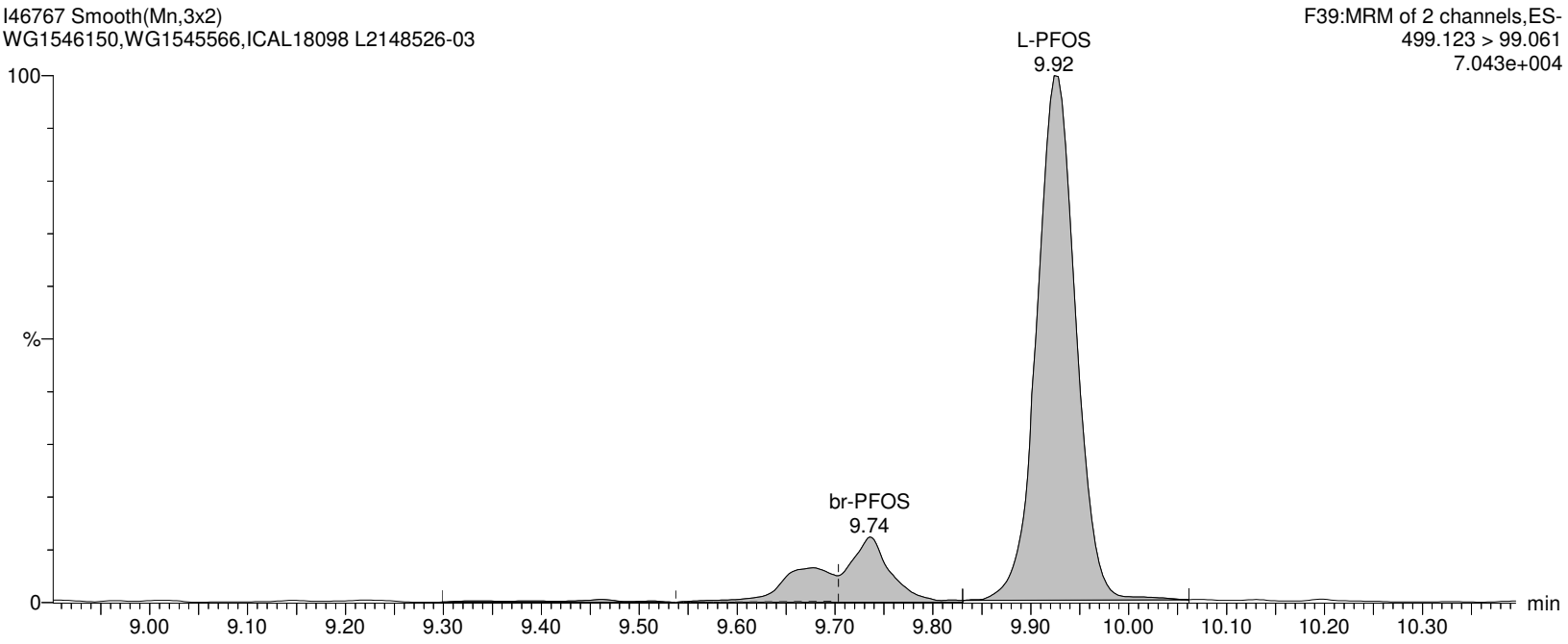
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:02 Eastern Daylight Time

Name: I46767
ID: L2148526-03
Date: 15-Sep-2021
Time: 05:58:54
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOS



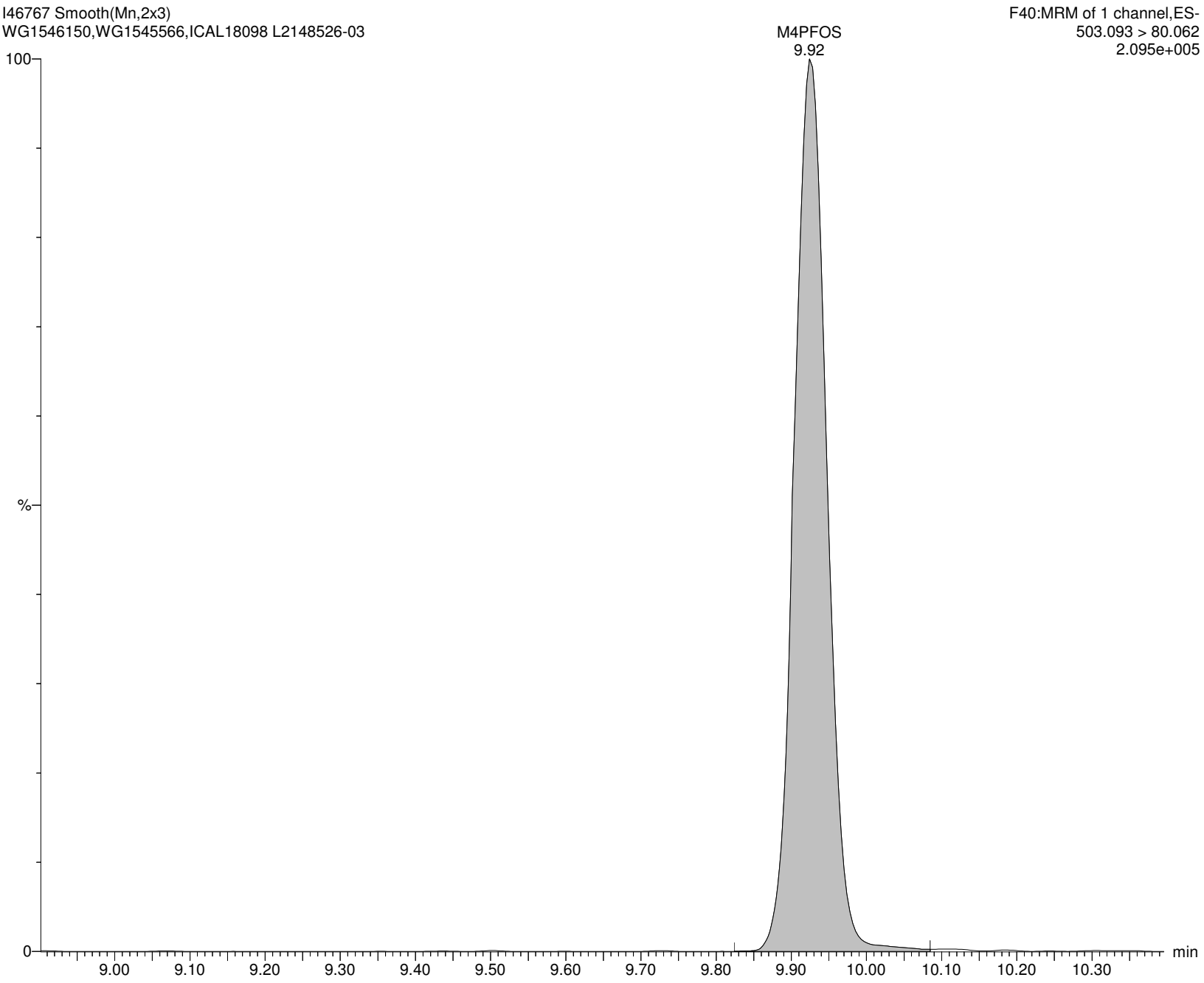


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:02 Eastern Daylight Time

Name: I46767
ID: L2148526-03
Date: 15-Sep-2021
Time: 05:58:54
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOS

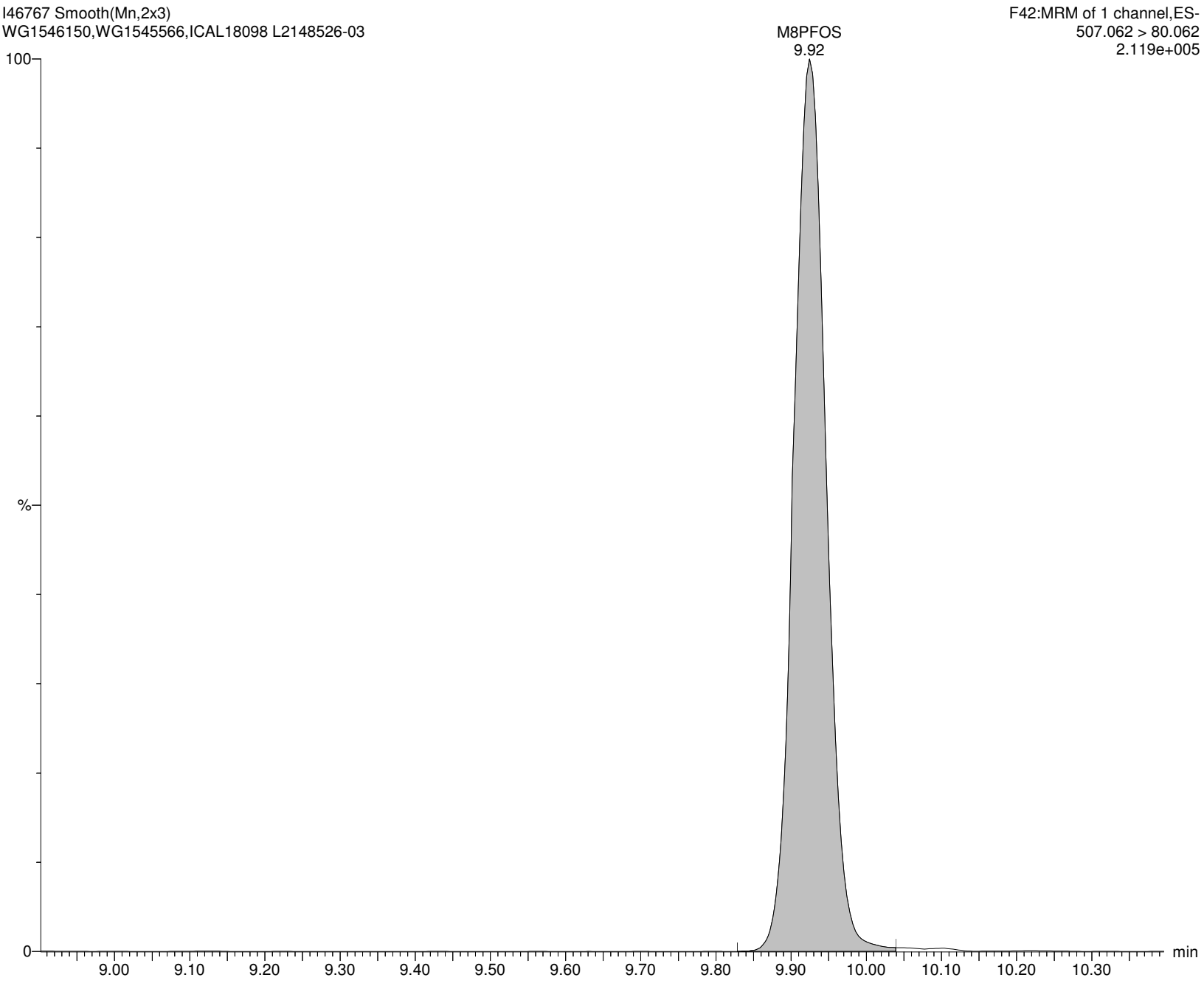


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:02 Eastern Daylight Time

Name: I46767
ID: L2148526-03
Date: 15-Sep-2021
Time: 05:58:54
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOS

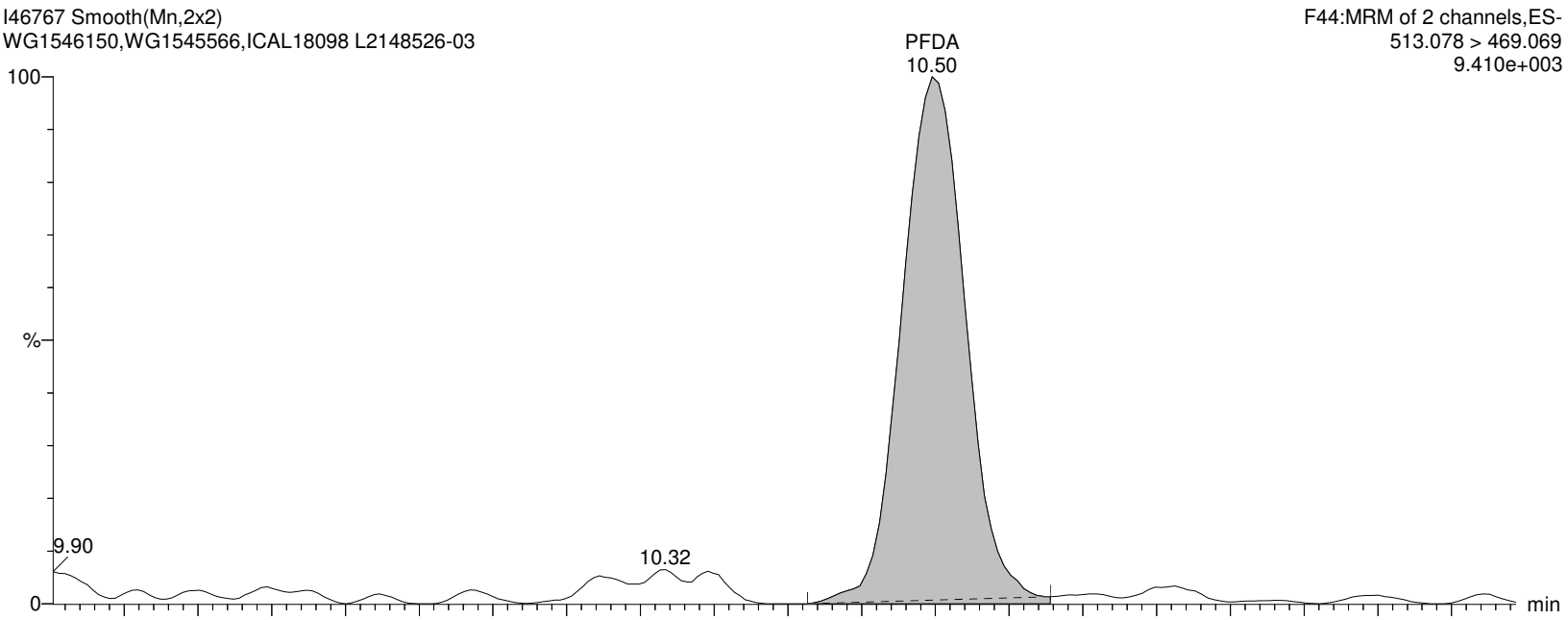


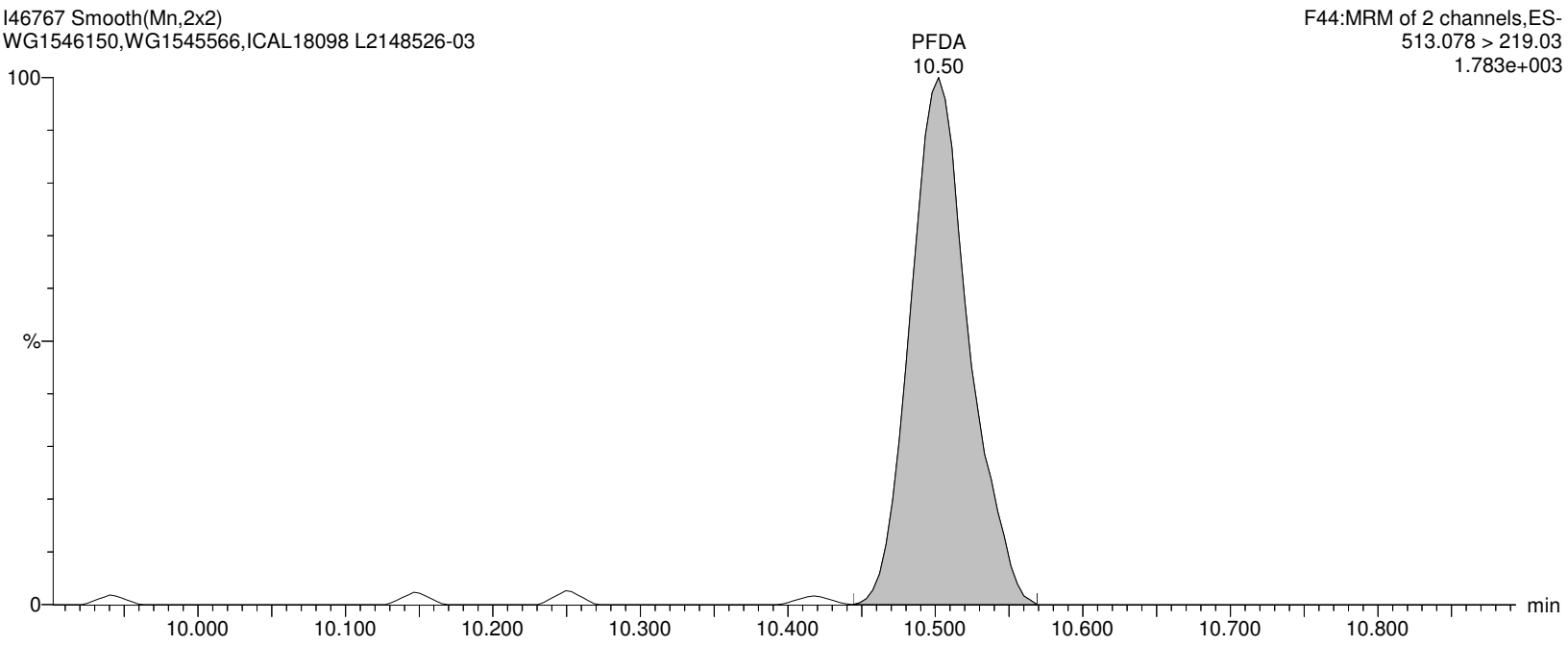
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:02 Eastern Daylight Time

Name: I46767
ID: L2148526-03
Date: 15-Sep-2021
Time: 05:58:54
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDA



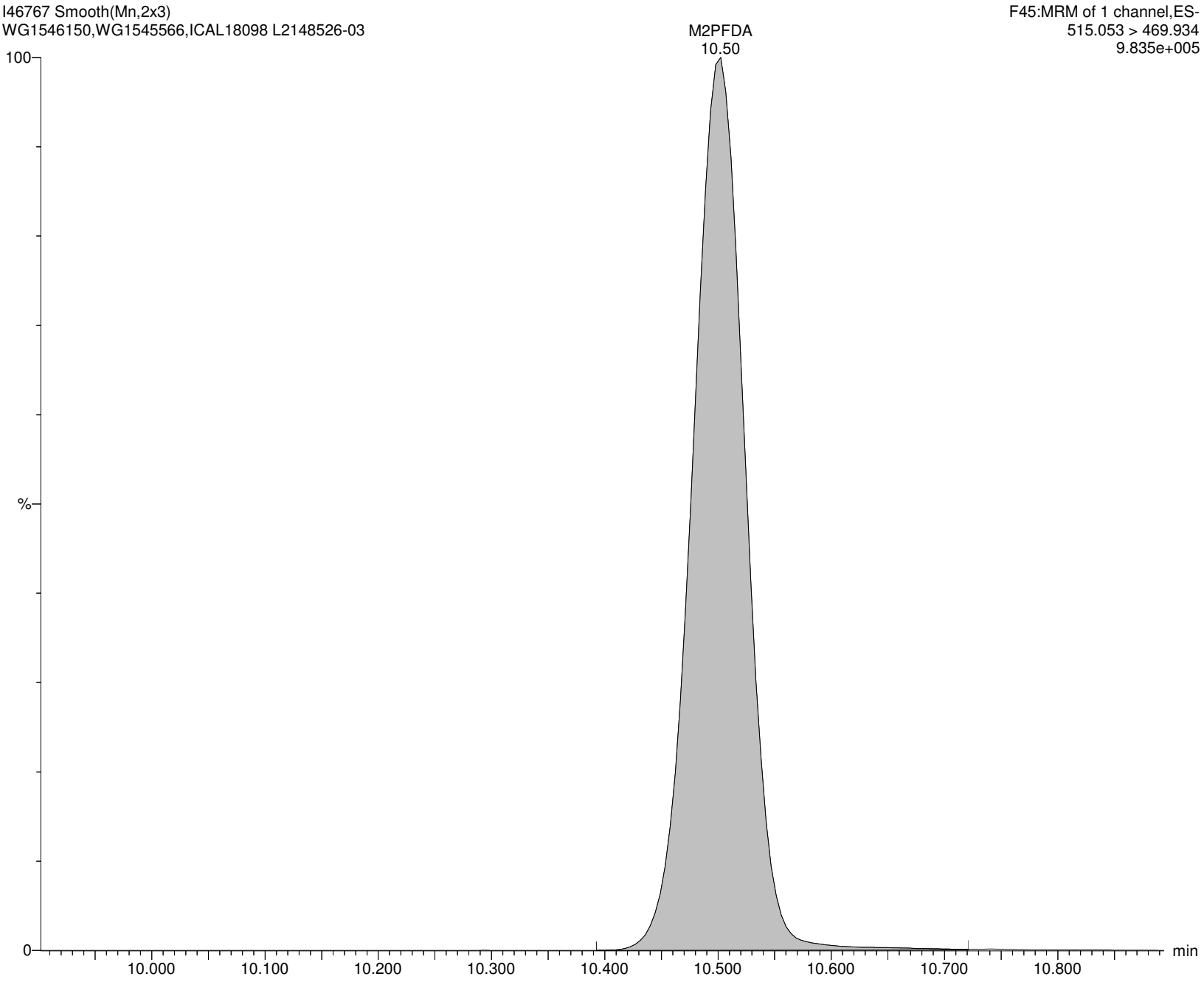


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:02 Eastern Daylight Time

Name: I46767
ID: L2148526-03
Date: 15-Sep-2021
Time: 05:58:54
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFDA

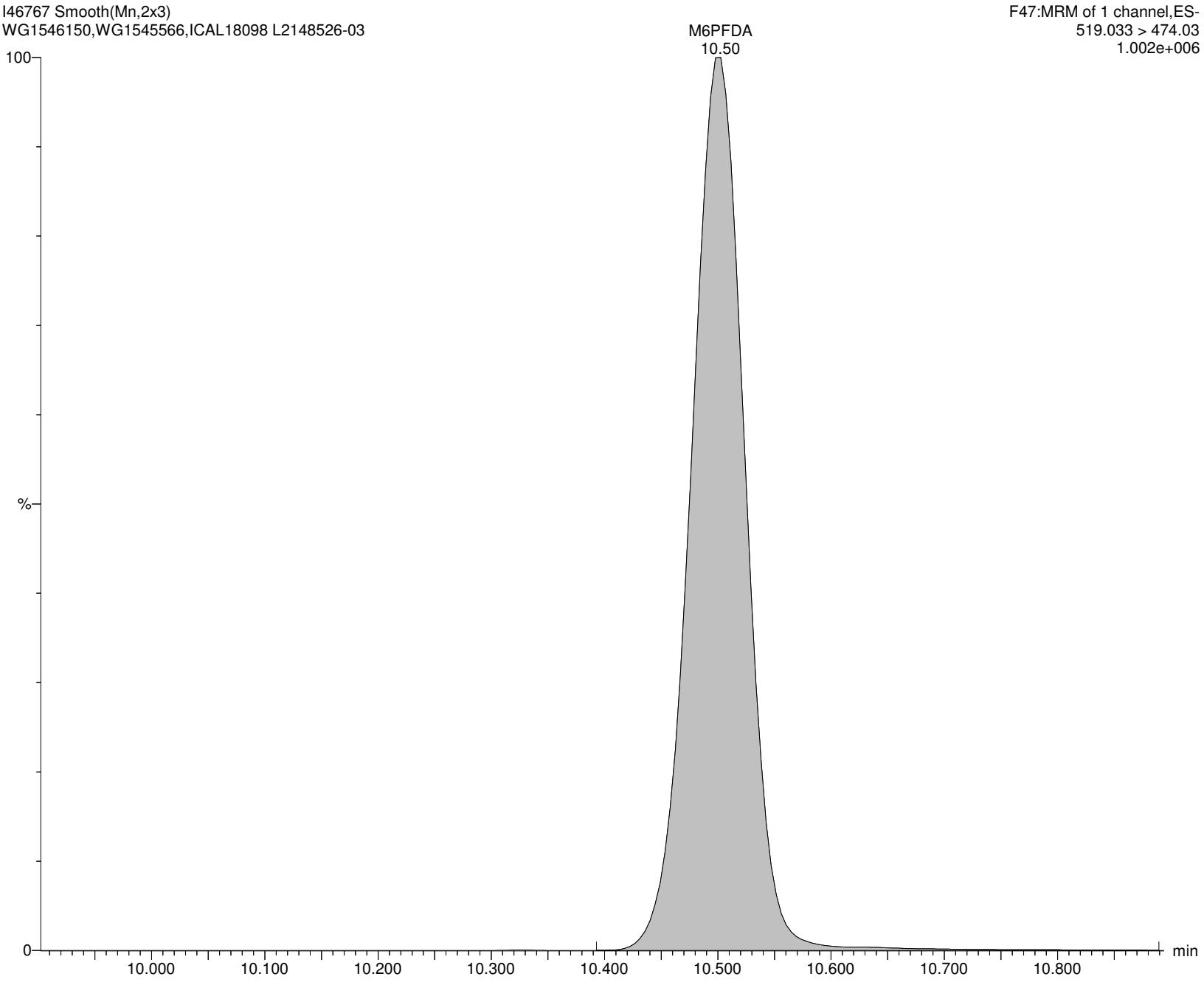


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:02 Eastern Daylight Time

Name: I46767
ID: L2148526-03
Date: 15-Sep-2021
Time: 05:58:54
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M6PFDA

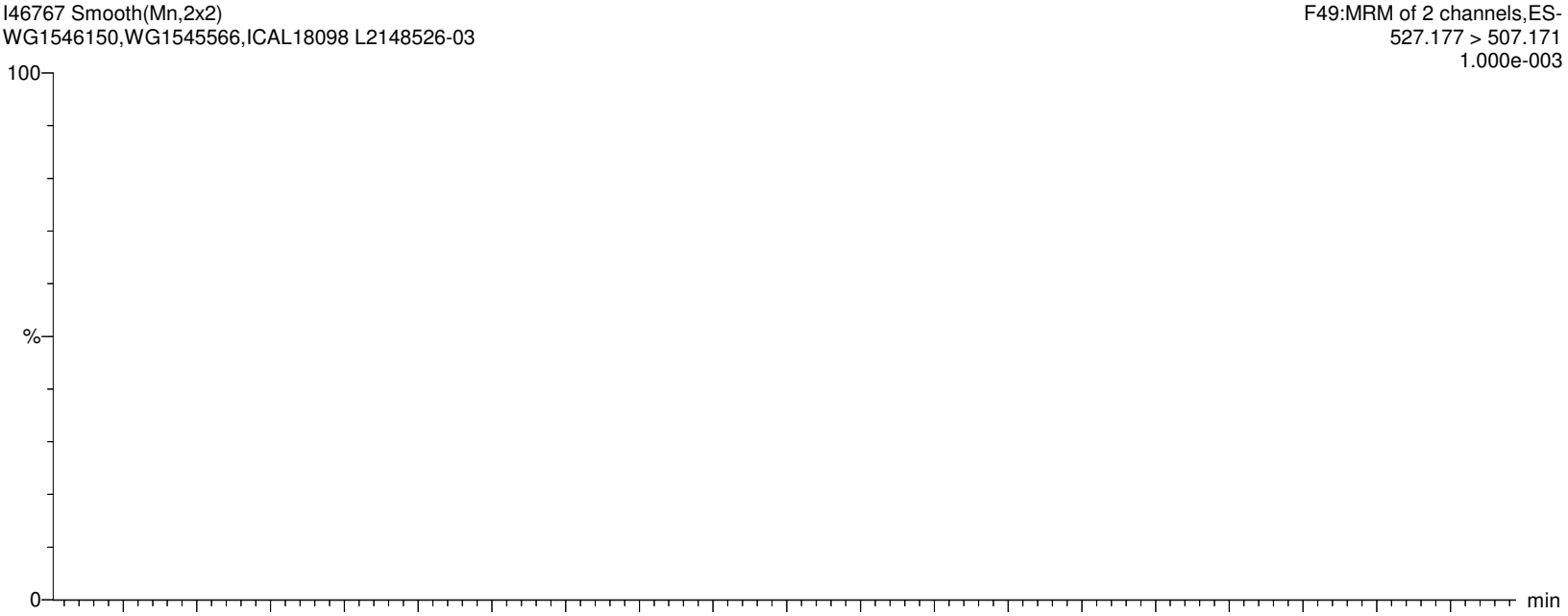


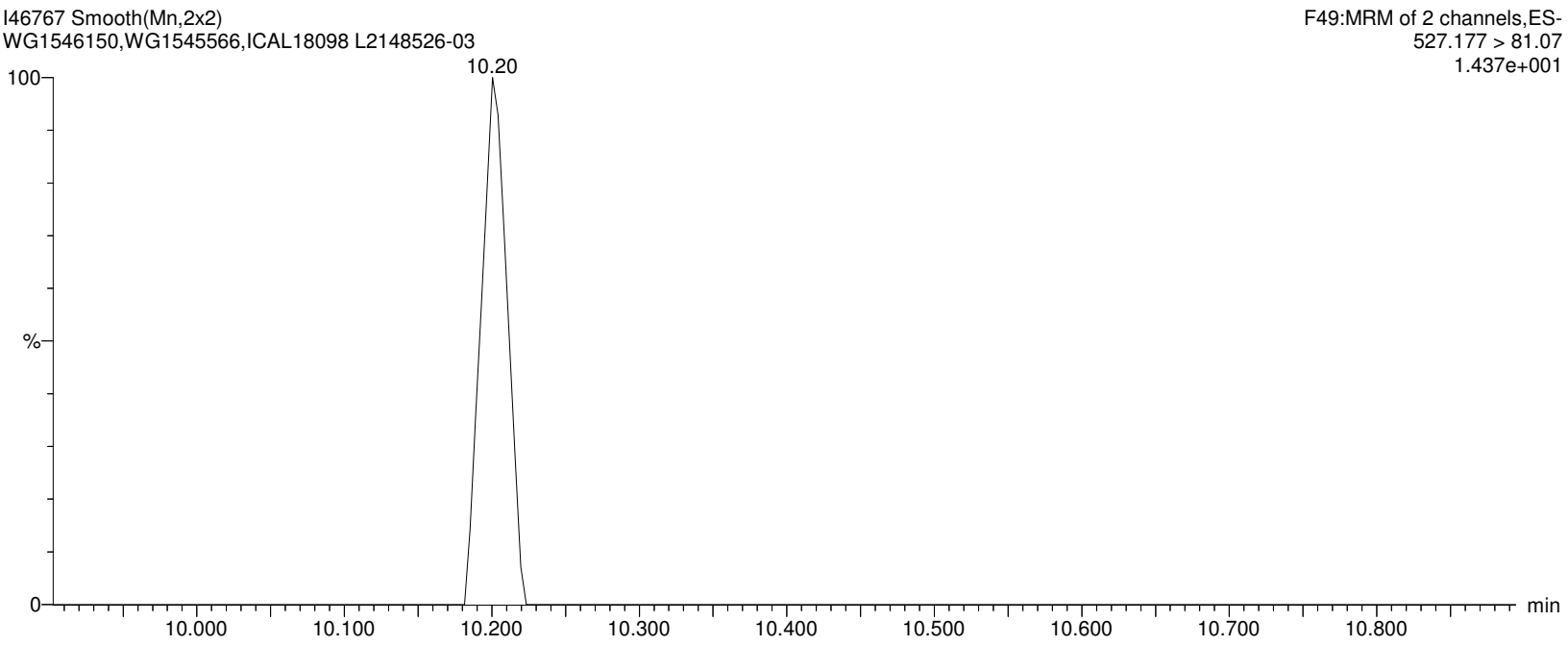
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:02 Eastern Daylight Time

Name: I46767
ID: L2148526-03
Date: 15-Sep-2021
Time: 05:58:54
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

8:2FTS



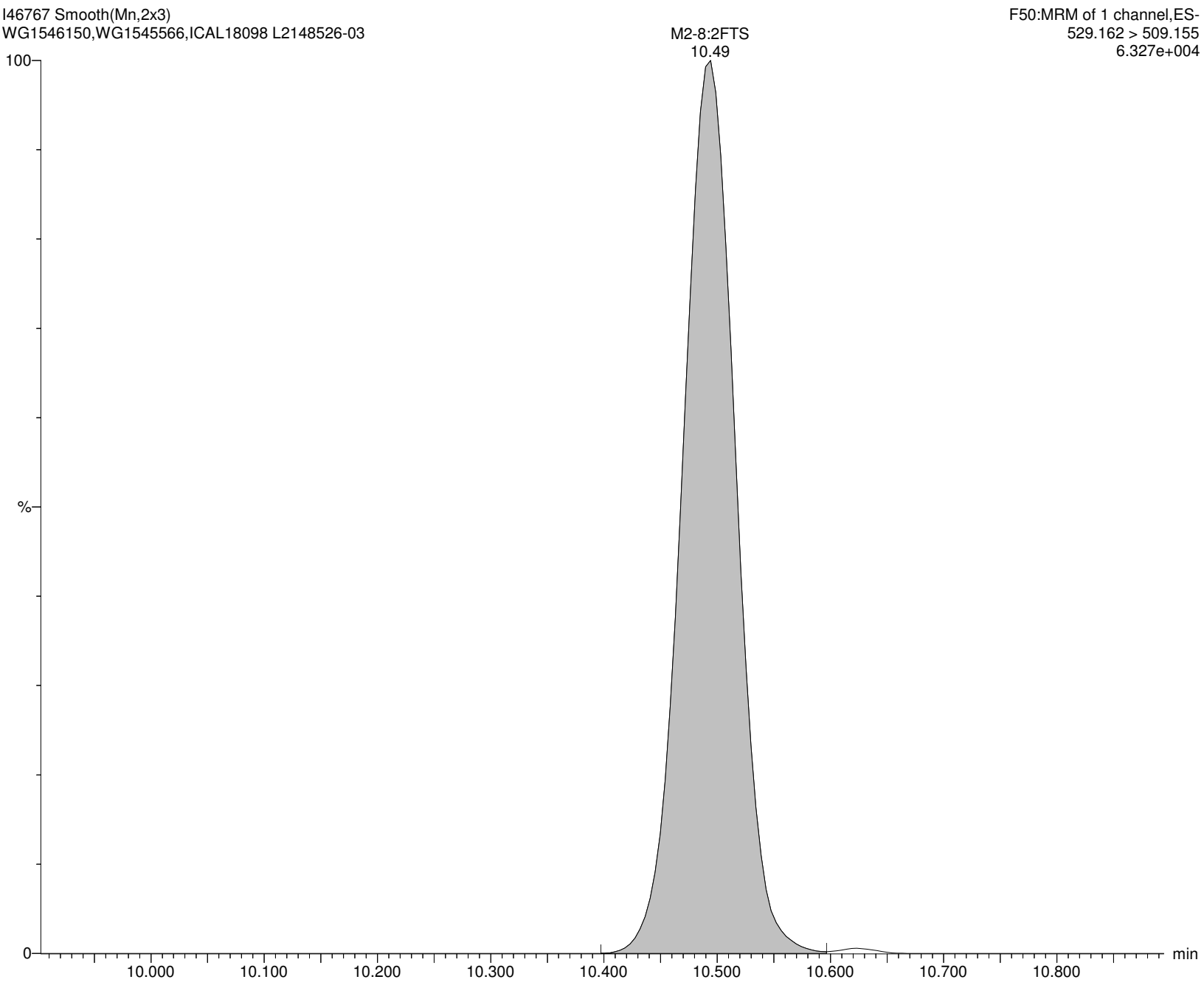


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:02 Eastern Daylight Time

Name: I46767
ID: L2148526-03
Date: 15-Sep-2021
Time: 05:58:54
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-8:2FTS

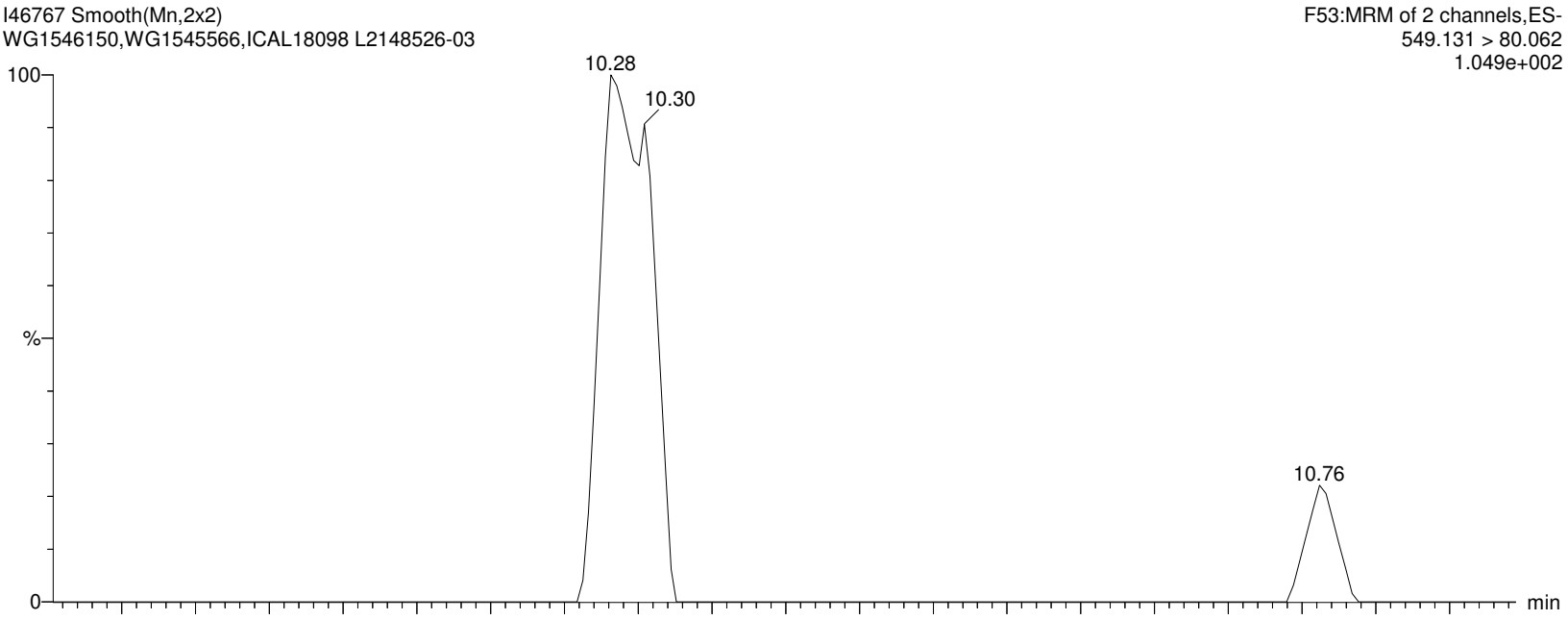


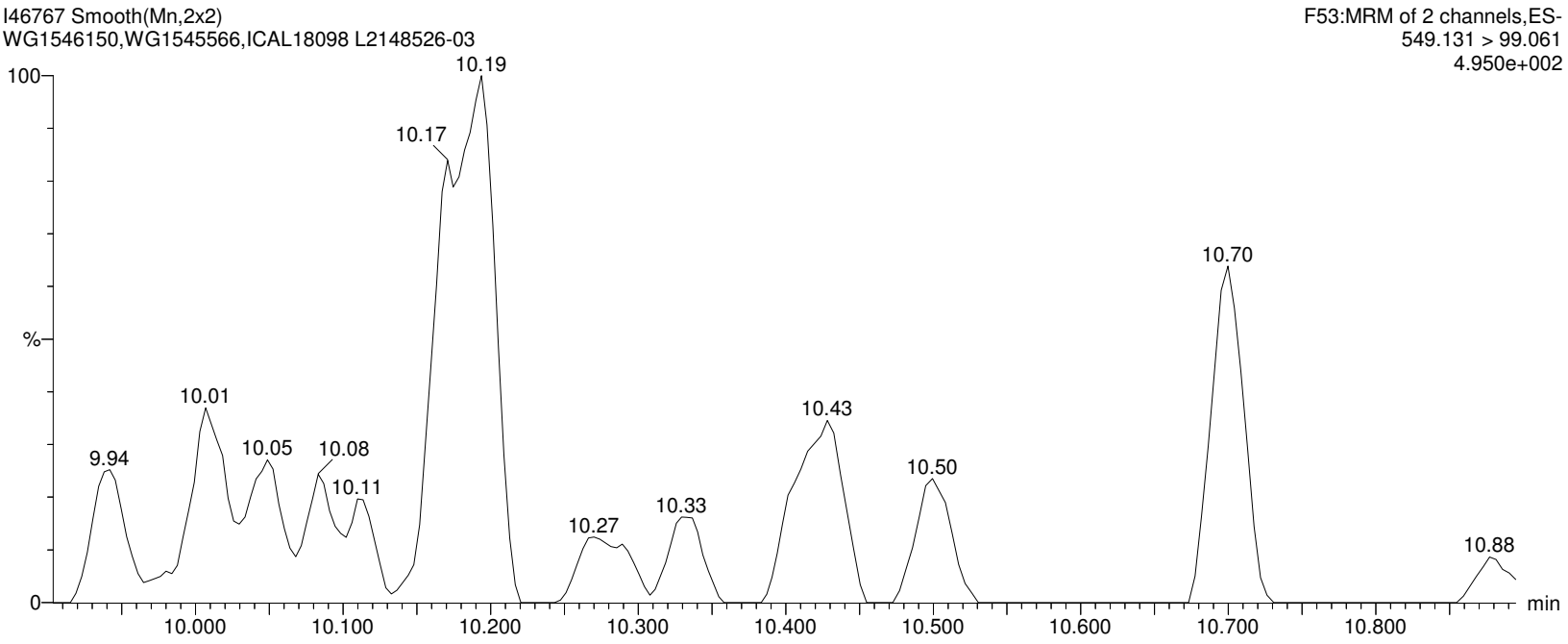
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:02 Eastern Daylight Time

Name: I46767
ID: L2148526-03
Date: 15-Sep-2021
Time: 05:58:54
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNS



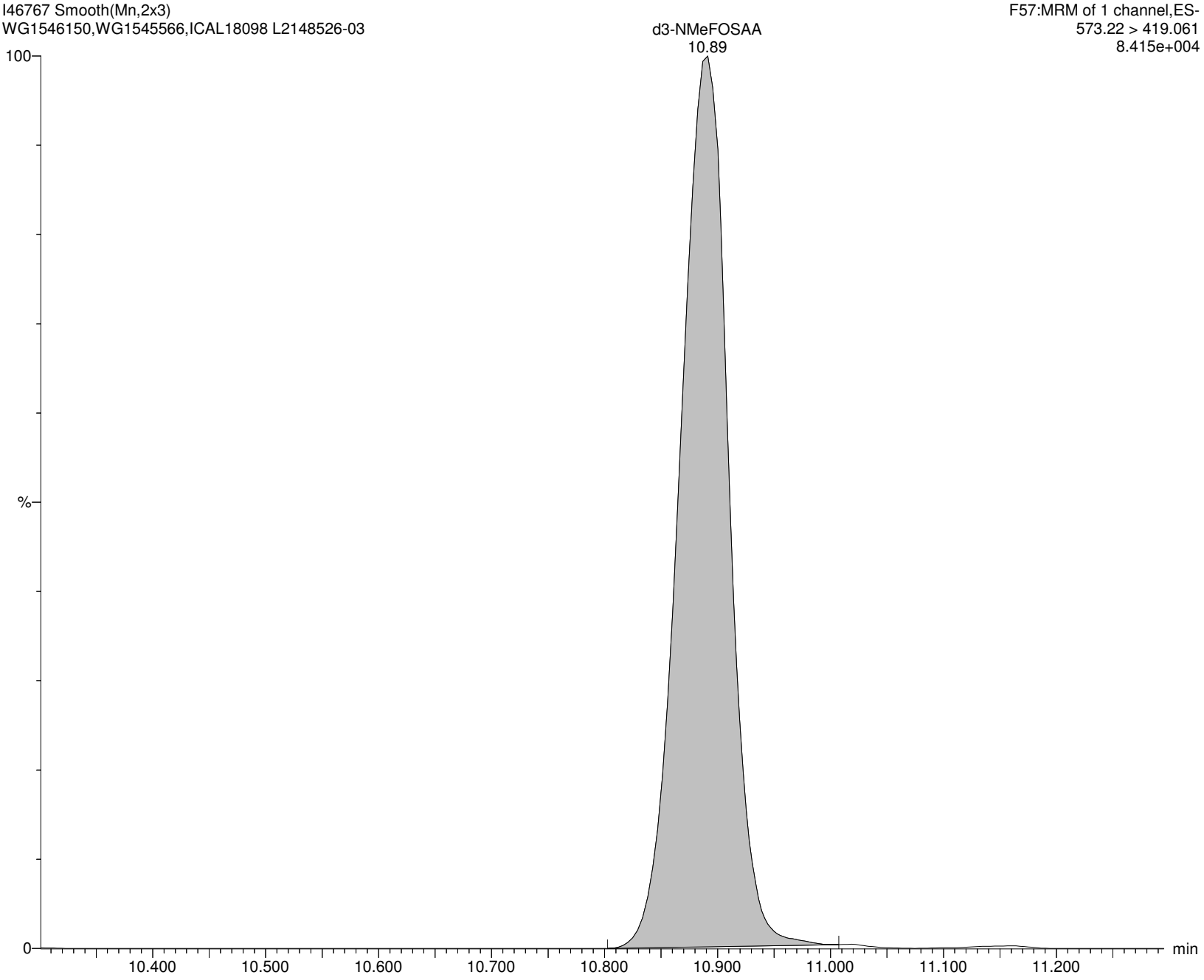


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:02 Eastern Daylight Time

Name: I46767
ID: L2148526-03
Date: 15-Sep-2021
Time: 05:58:54
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSAA

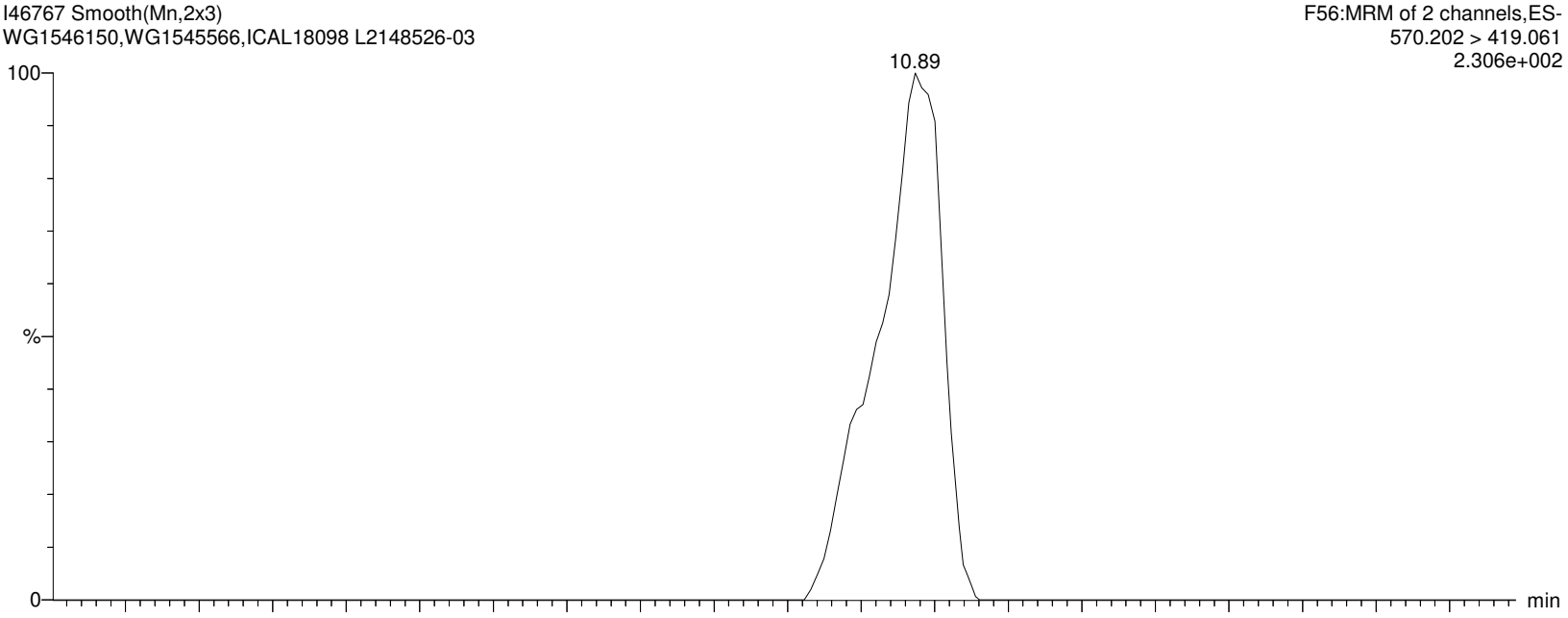


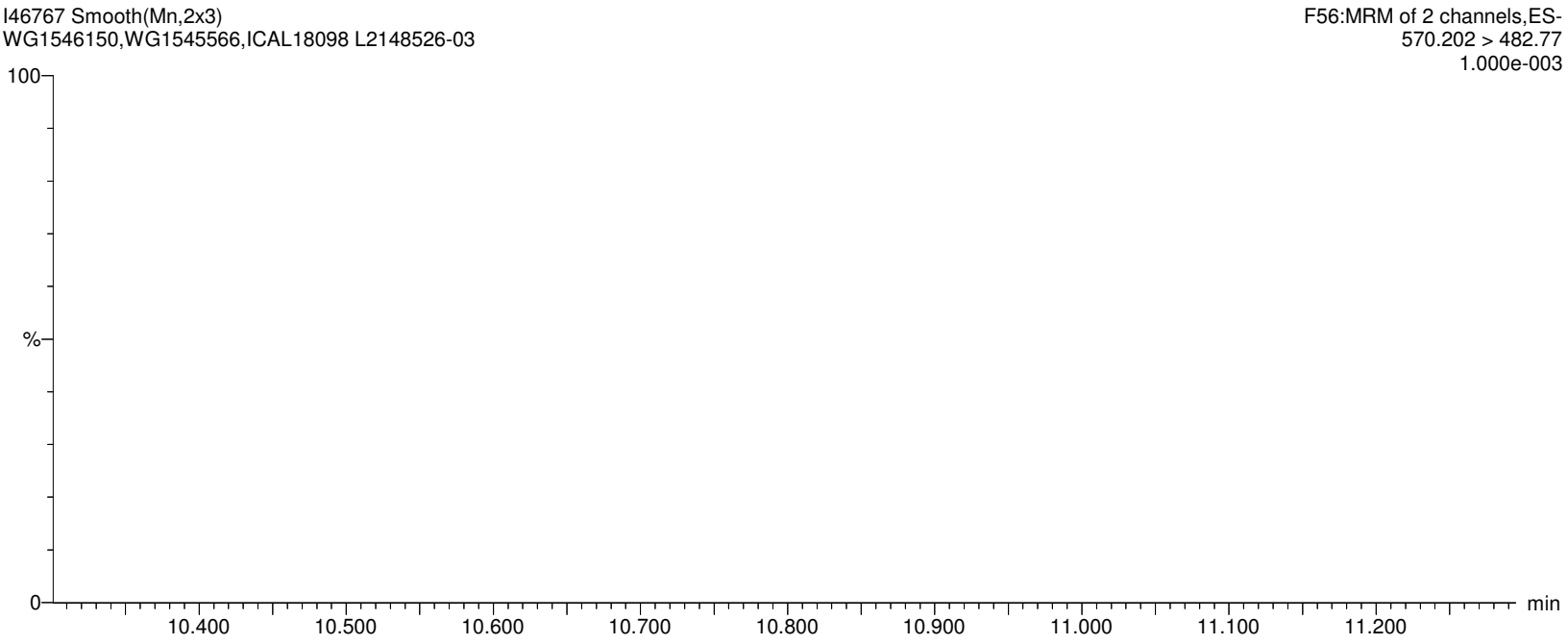
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:02 Eastern Daylight Time

Name: I46767
ID: L2148526-03
Date: 15-Sep-2021
Time: 05:58:54
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NMeFOSAA



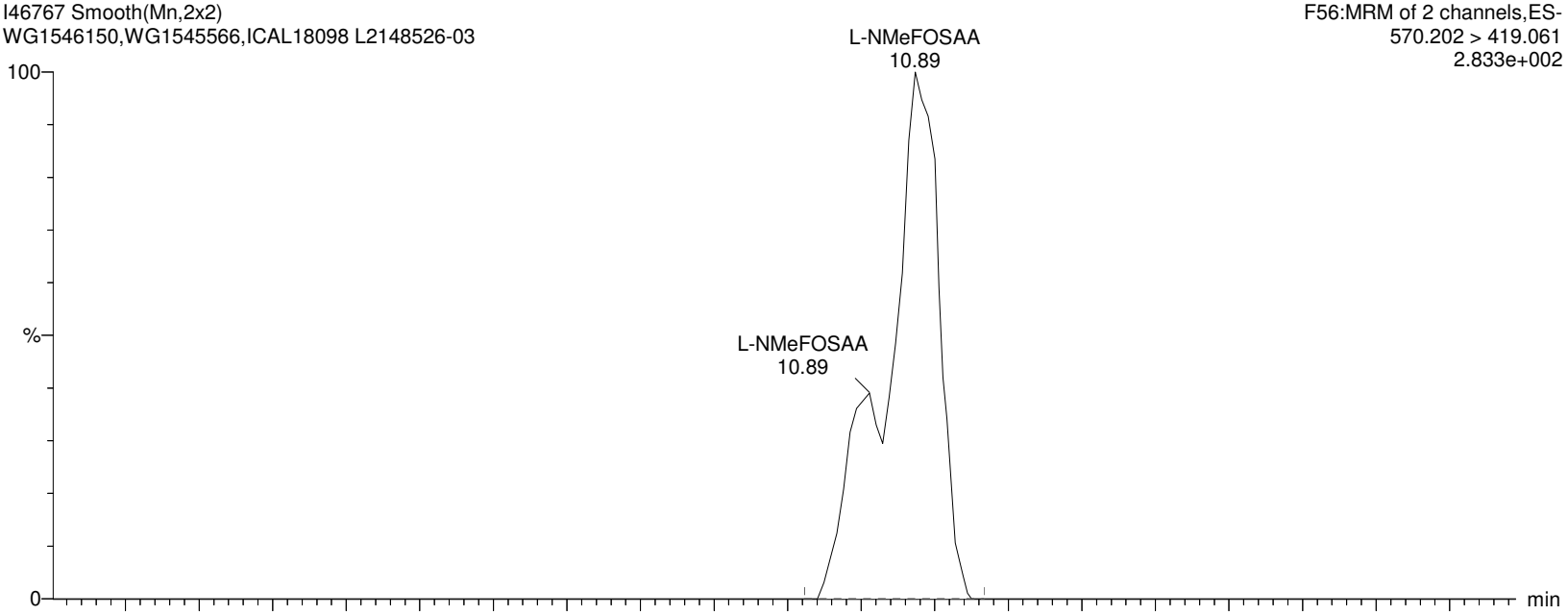


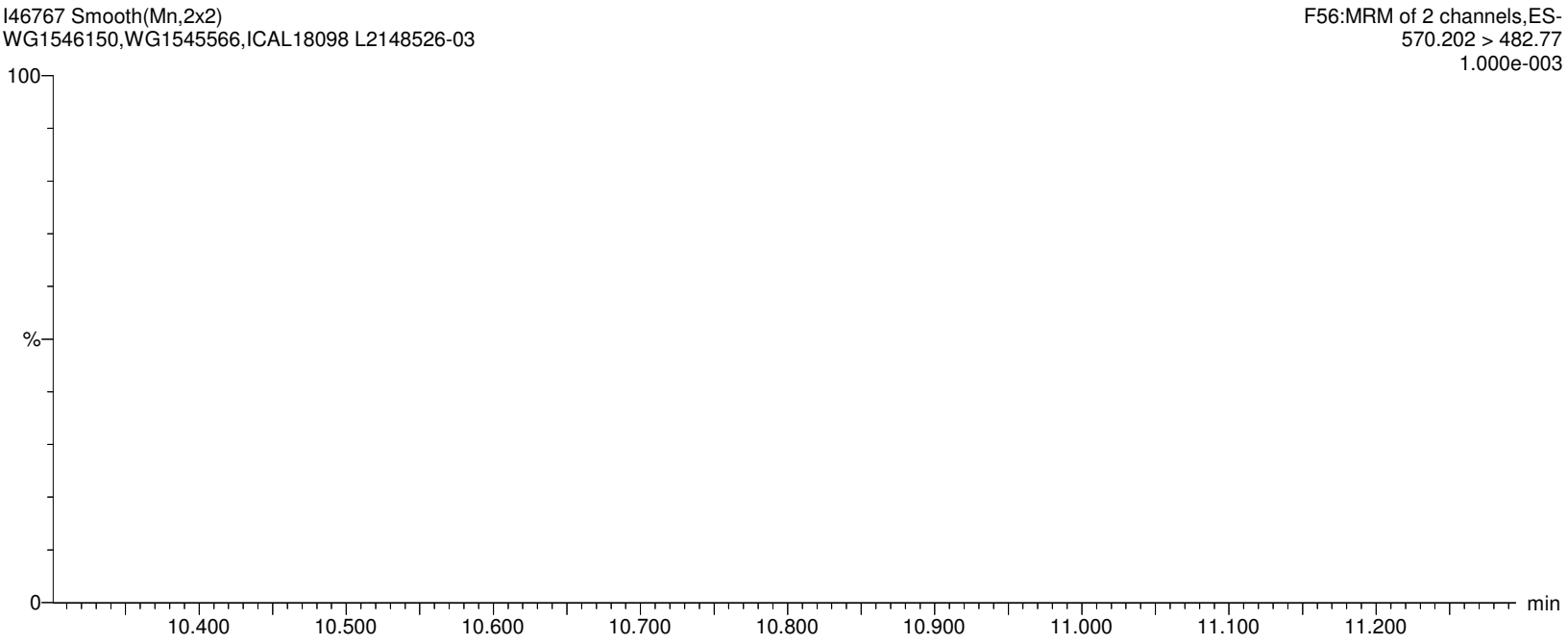
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:02 Eastern Daylight Time

Name: I46767
ID: L2148526-03
Date: 15-Sep-2021
Time: 05:58:54
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NMeFOSAA



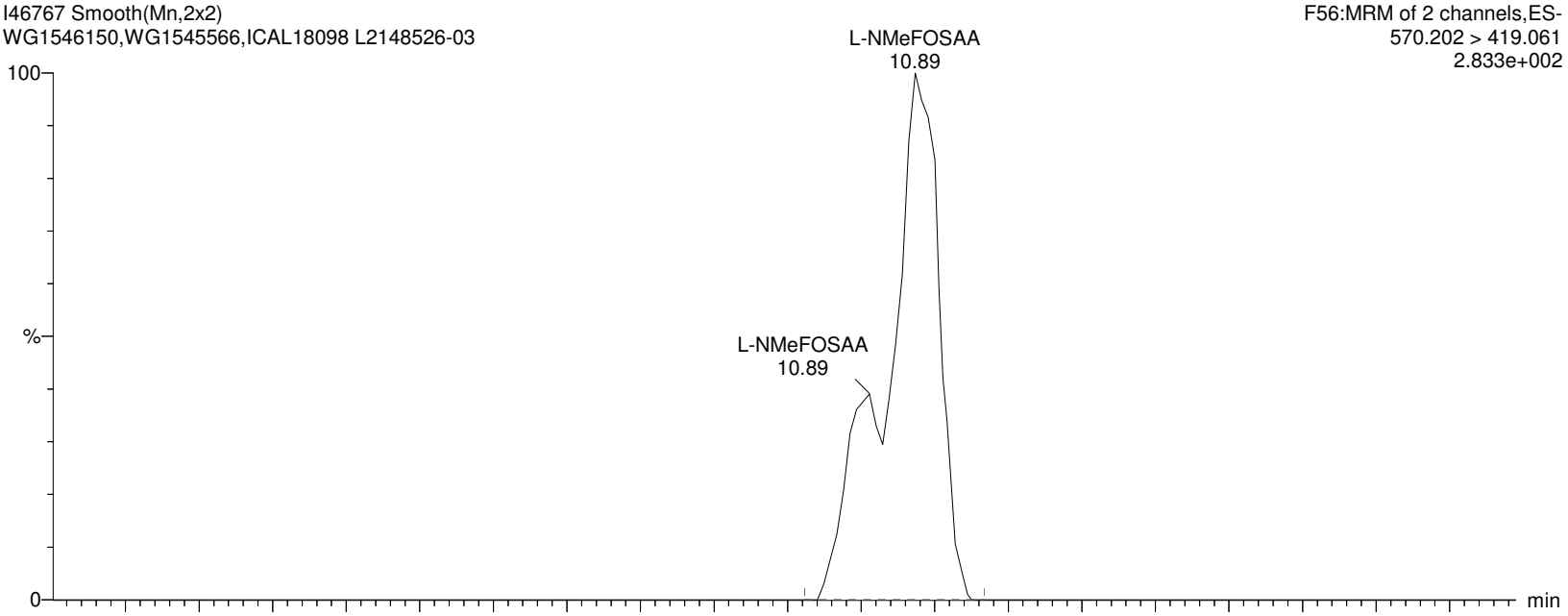


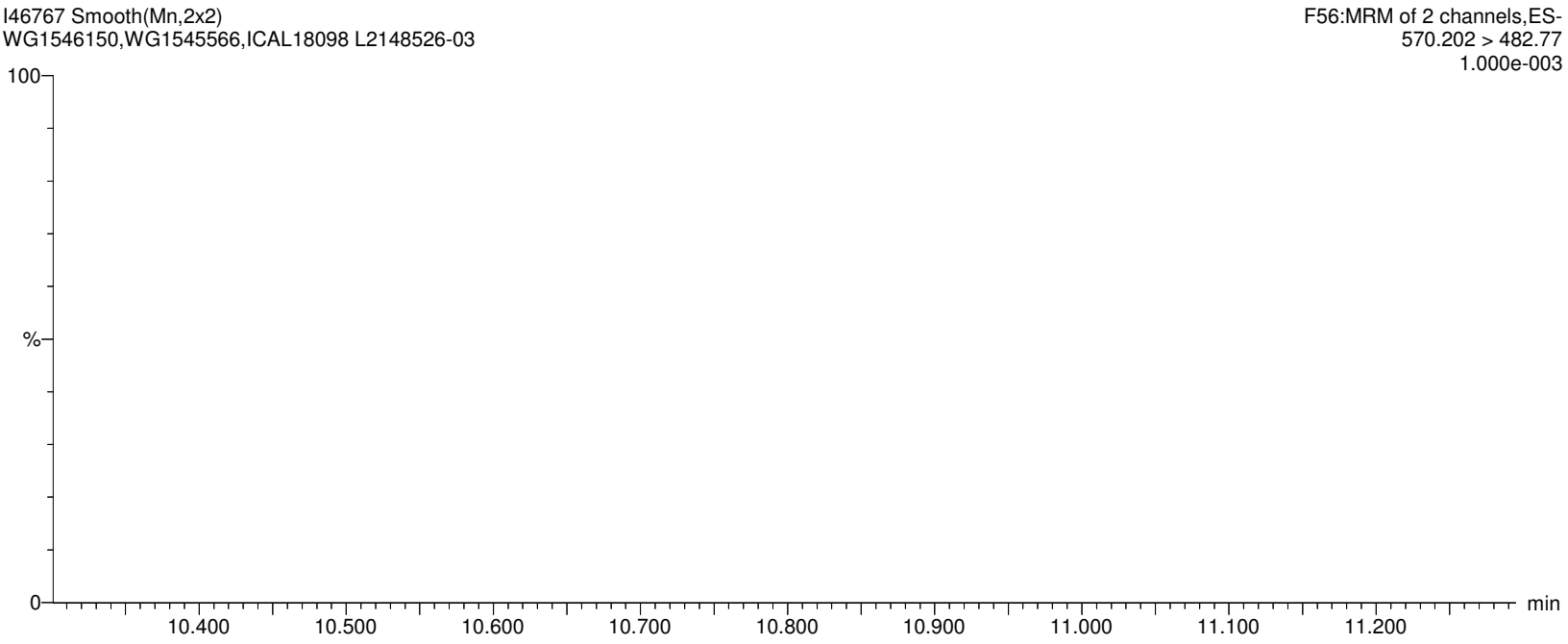
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:02 Eastern Daylight Time

Name: I46767
ID: L2148526-03
Date: 15-Sep-2021
Time: 05:58:54
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSAA



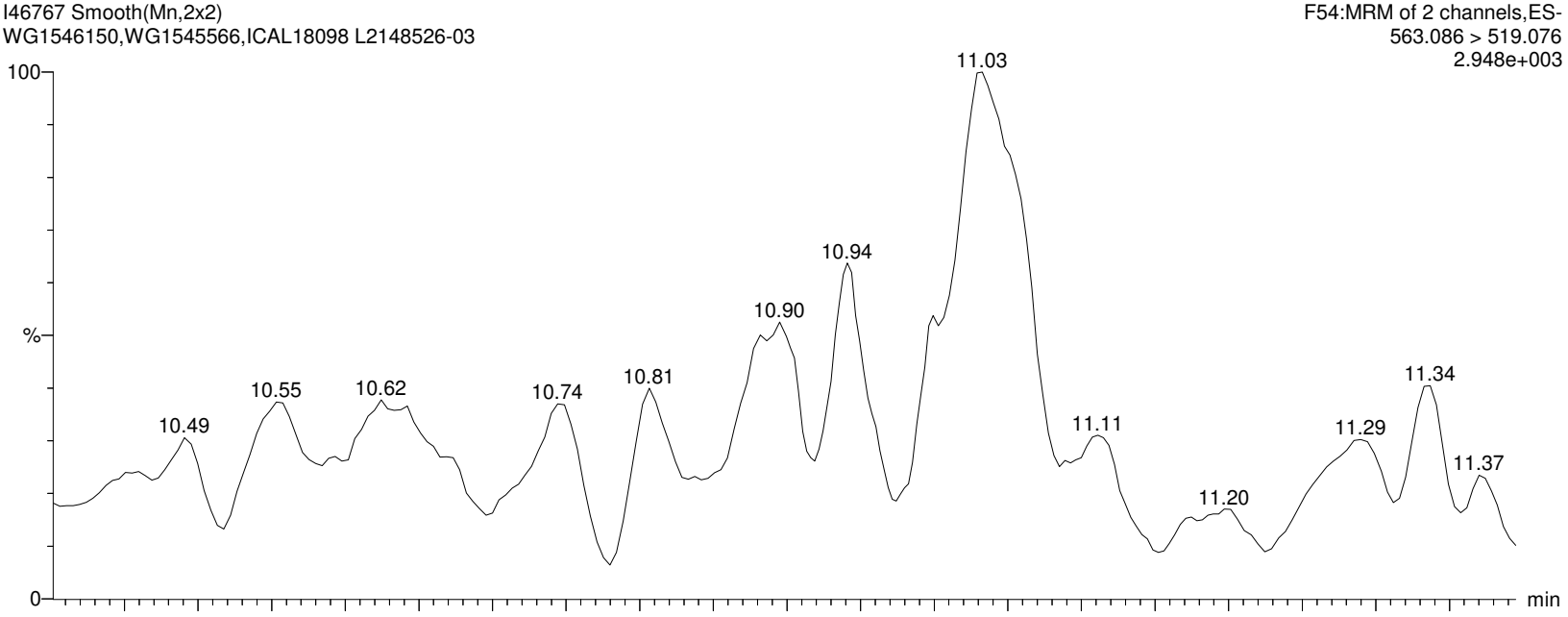


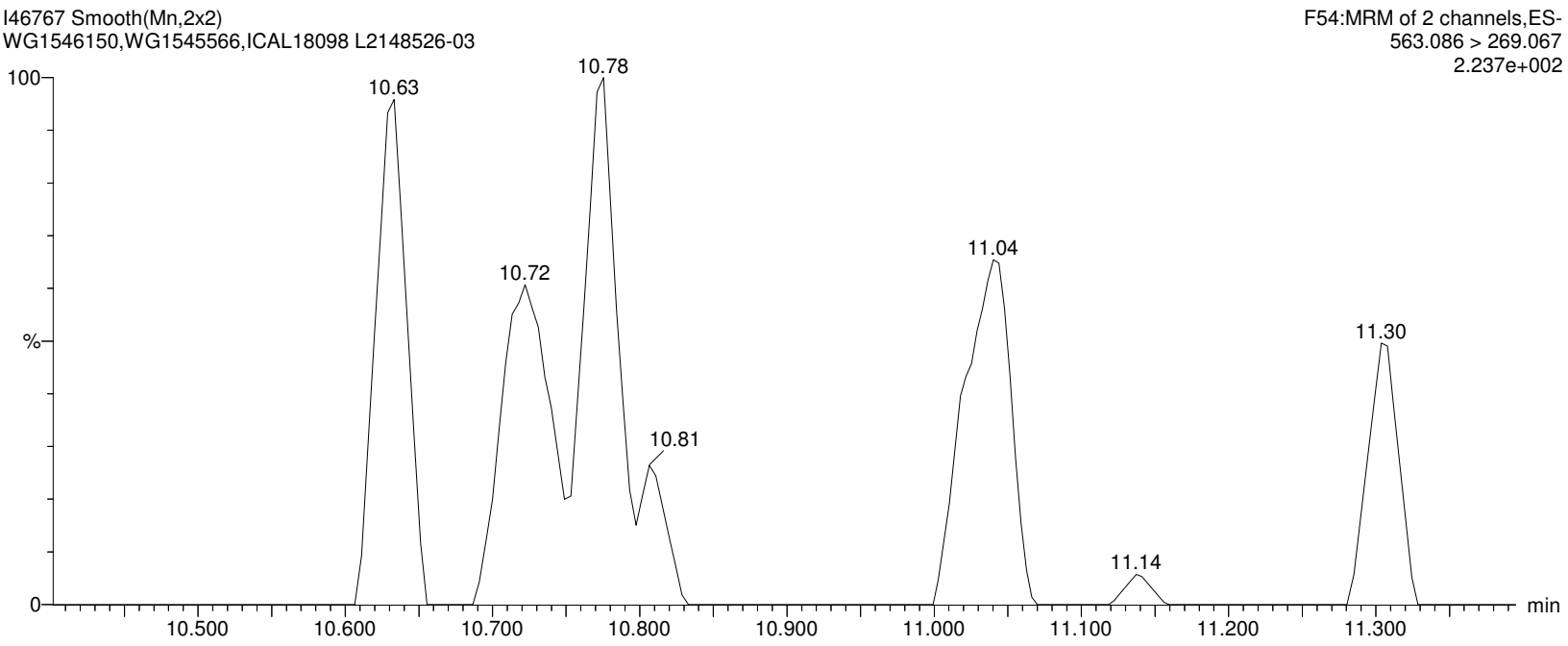
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:02 Eastern Daylight Time

Name: I46767
ID: L2148526-03
Date: 15-Sep-2021
Time: 05:58:54
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFUnA



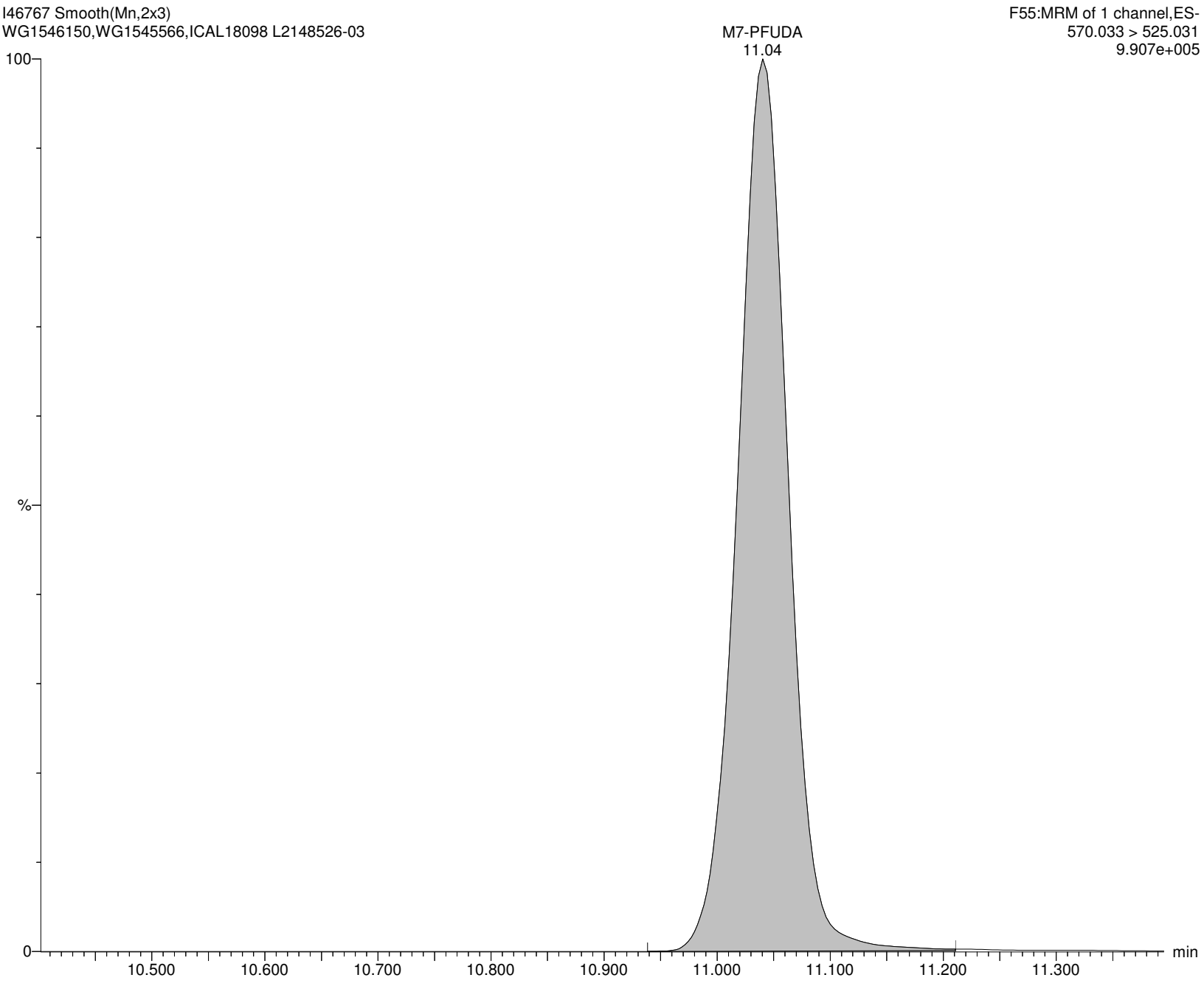


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:02 Eastern Daylight Time

Name: I46767
ID: L2148526-03
Date: 15-Sep-2021
Time: 05:58:54
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M7-PFUDA

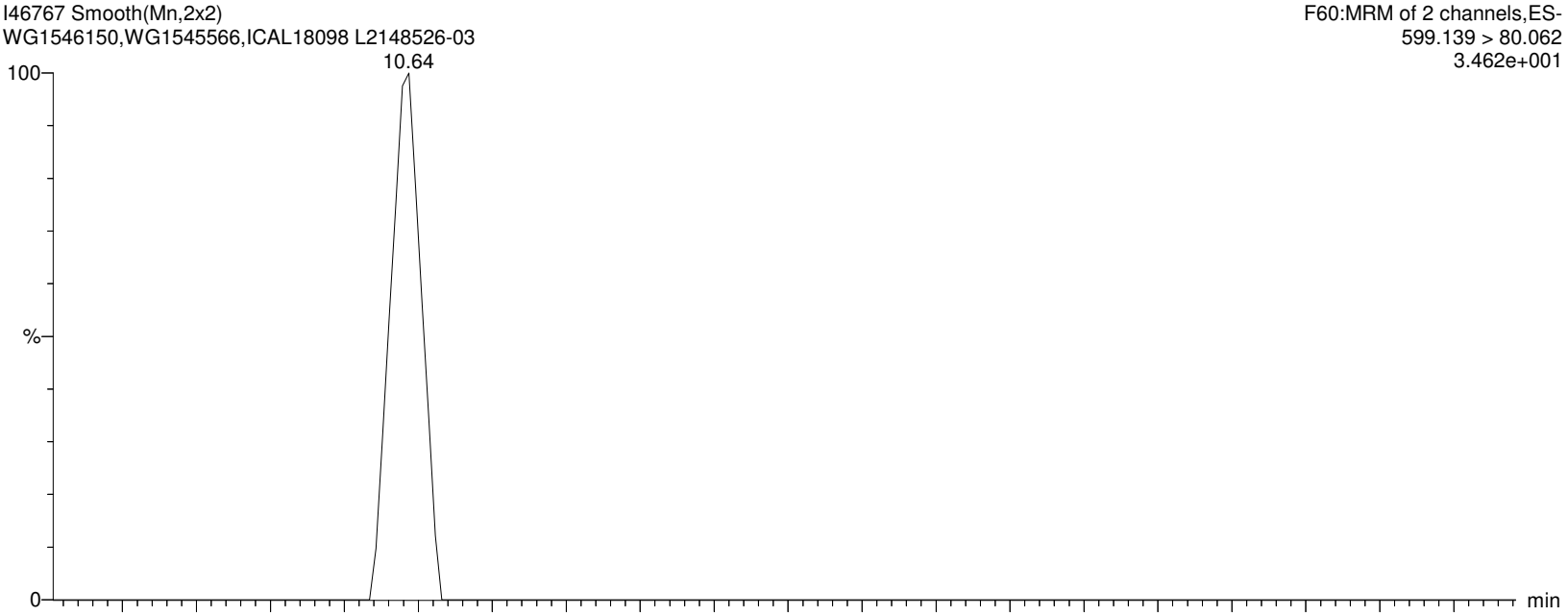


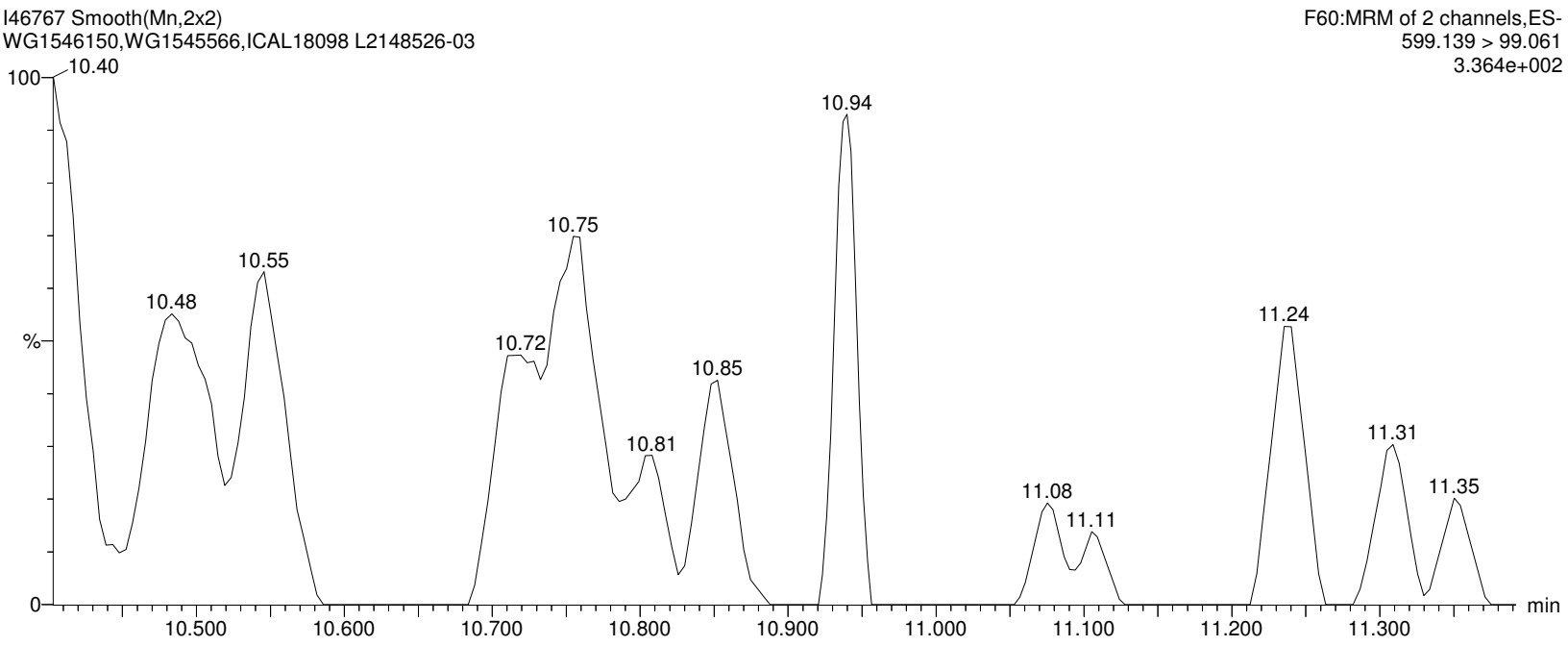
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:02 Eastern Daylight Time

Name: I46767
ID: L2148526-03
Date: 15-Sep-2021
Time: 05:58:54
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDS



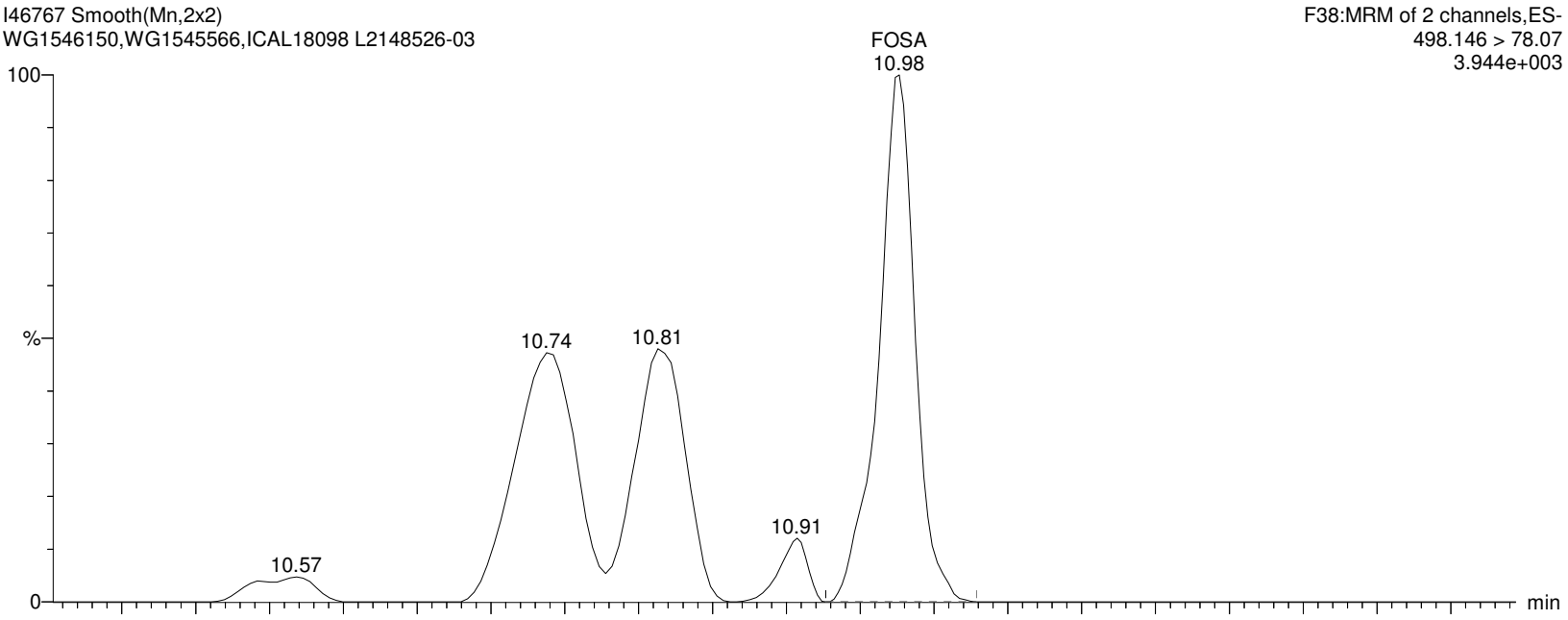


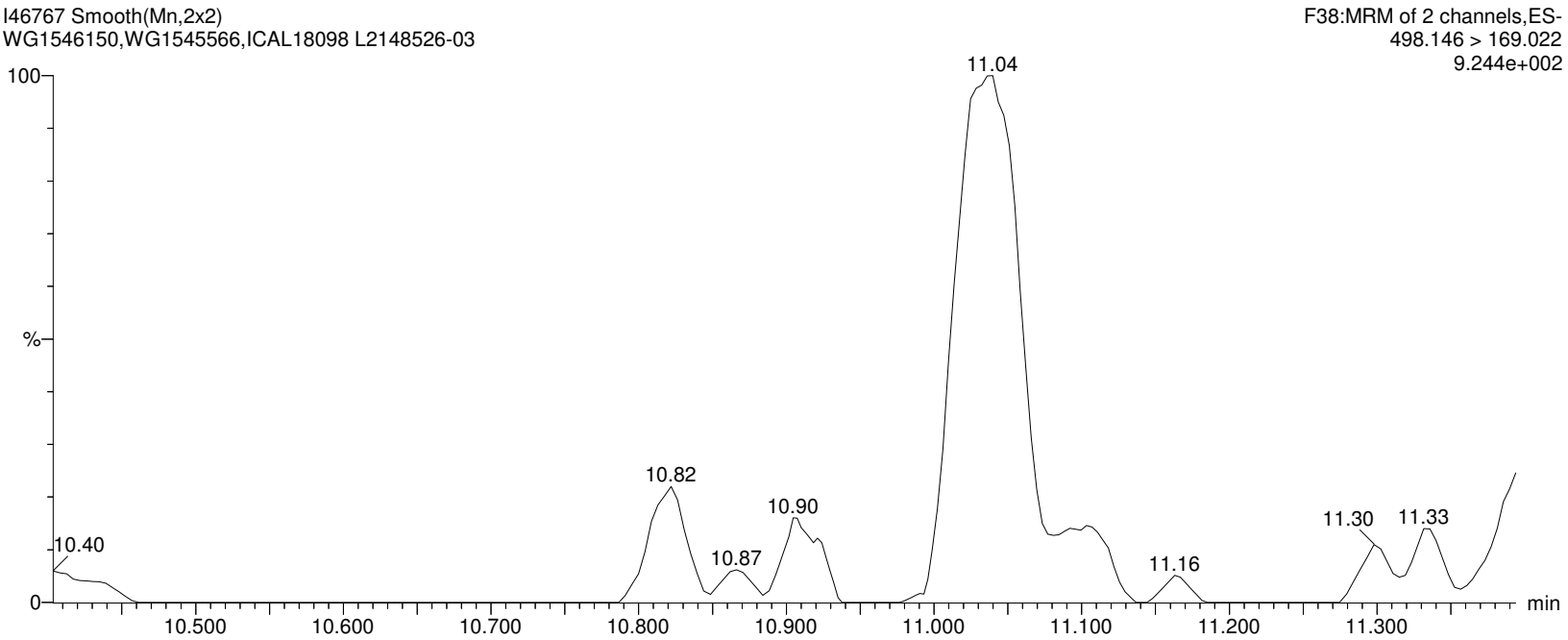
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:02 Eastern Daylight Time

Name: I46767
ID: L2148526-03
Date: 15-Sep-2021
Time: 05:58:54
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

FOSA



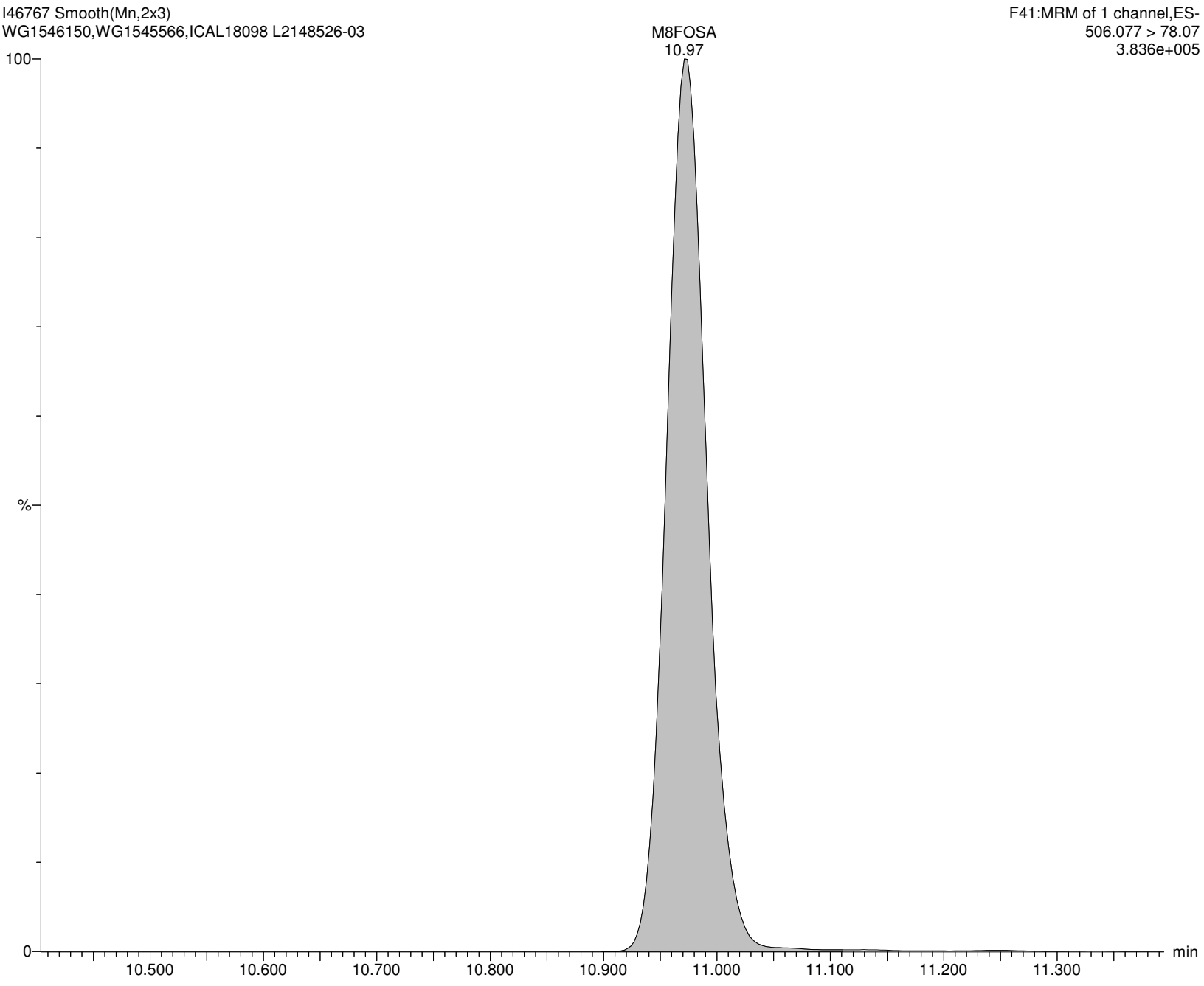


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:02 Eastern Daylight Time

Name: I46767
ID: L2148526-03
Date: 15-Sep-2021
Time: 05:58:54
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8FOSA

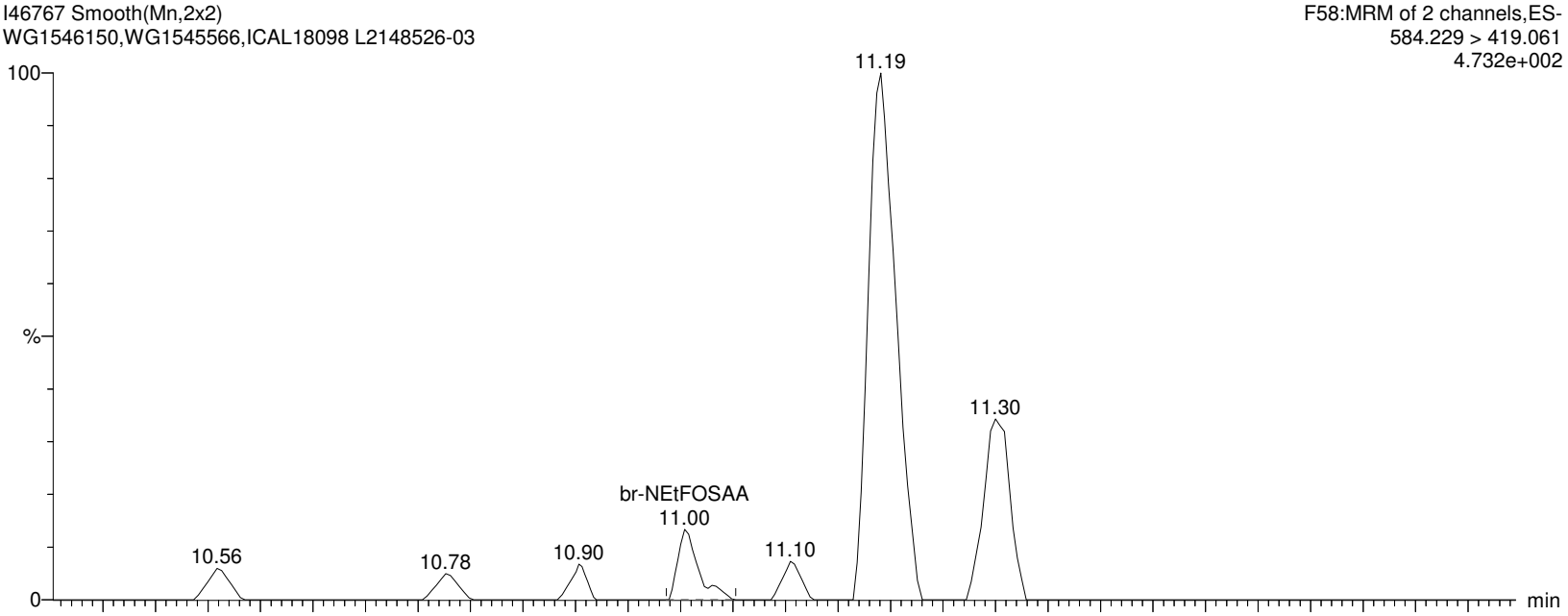


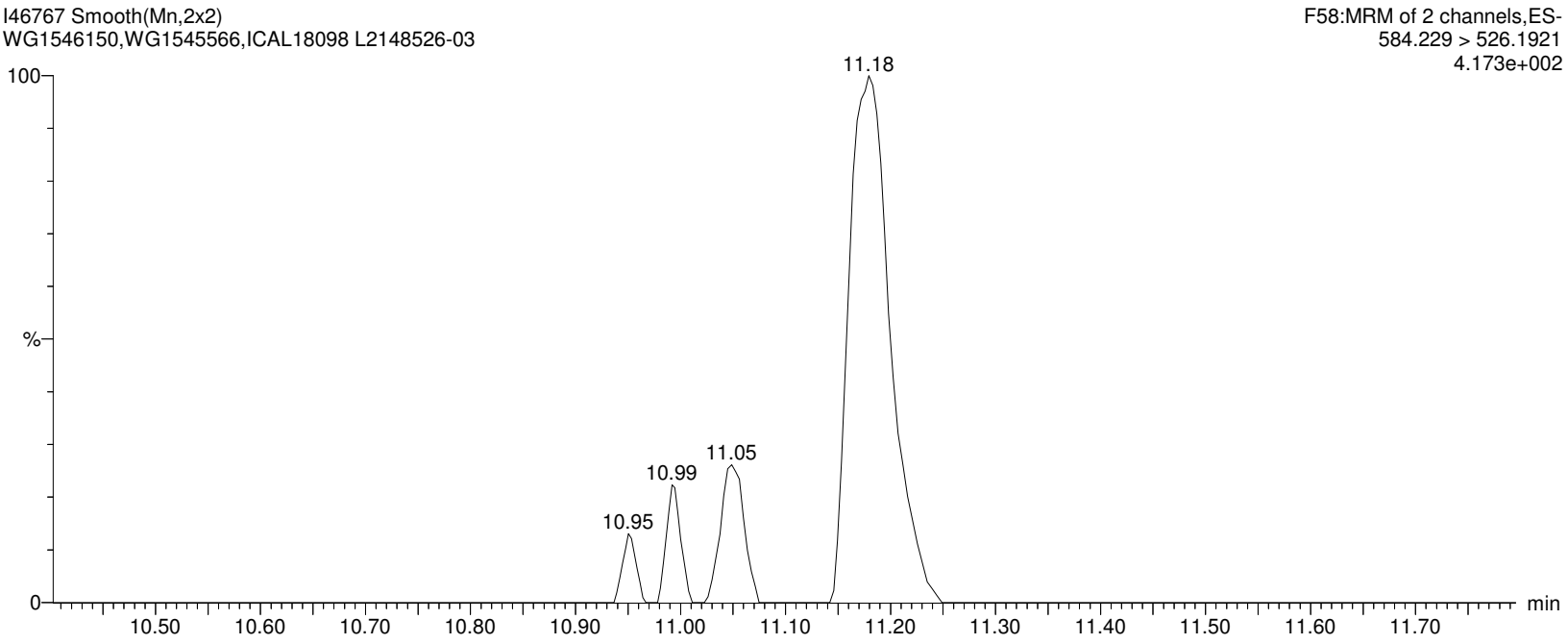
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:02 Eastern Daylight Time

Name: I46767
ID: L2148526-03
Date: 15-Sep-2021
Time: 05:58:54
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NEtFOSAA



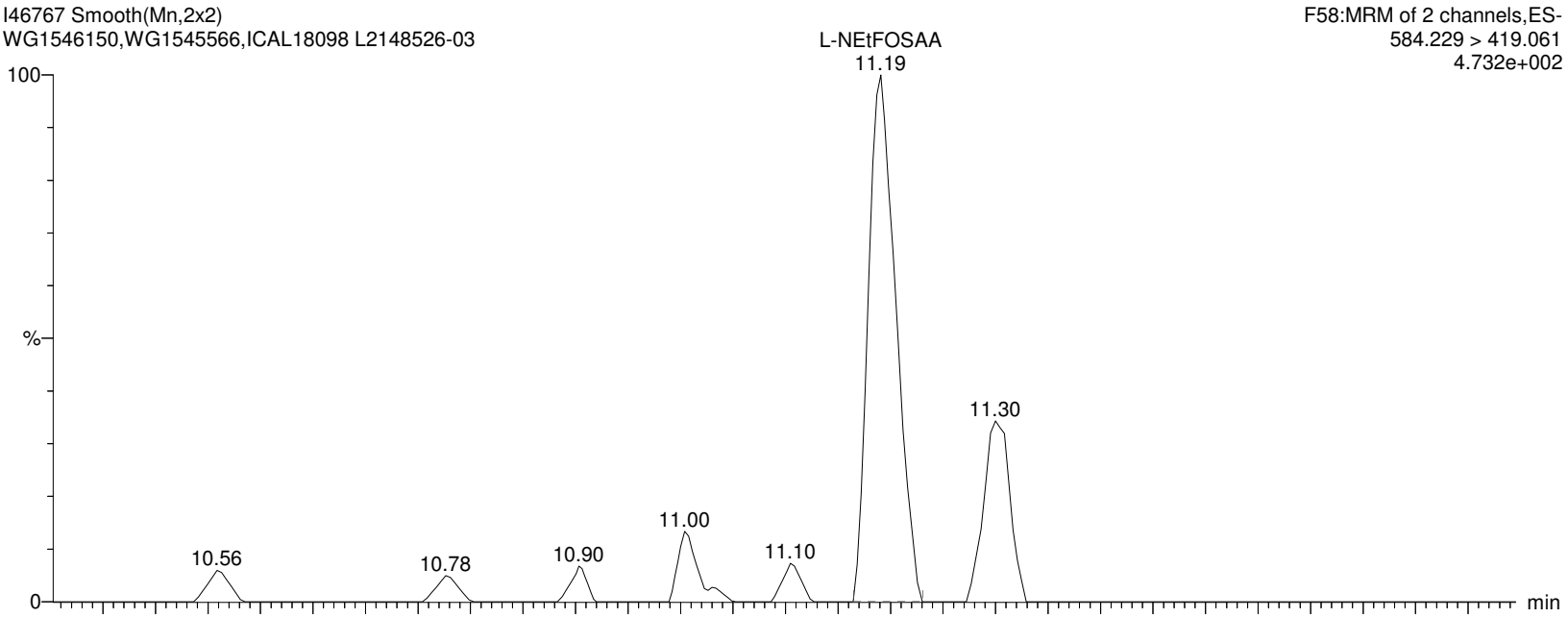


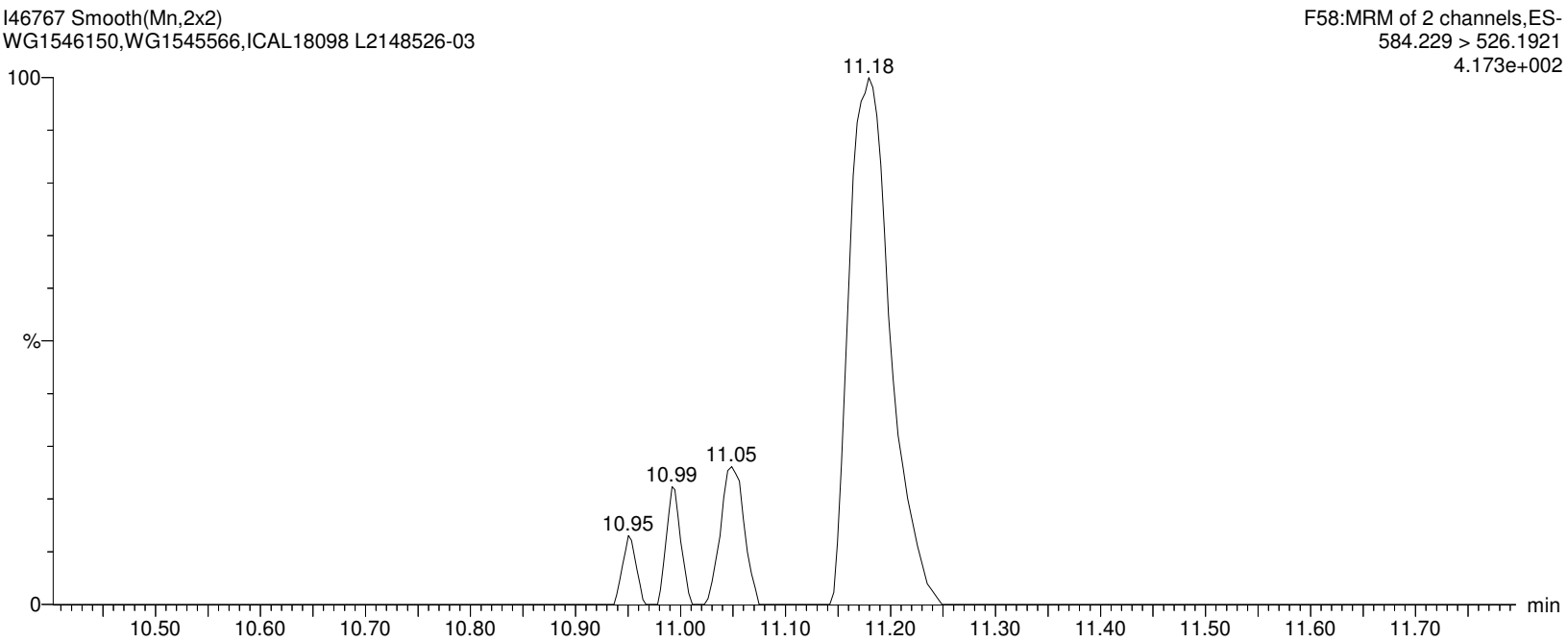
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:02 Eastern Daylight Time

Name: I46767
ID: L2148526-03
Date: 15-Sep-2021
Time: 05:58:54
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NEtFOSAA



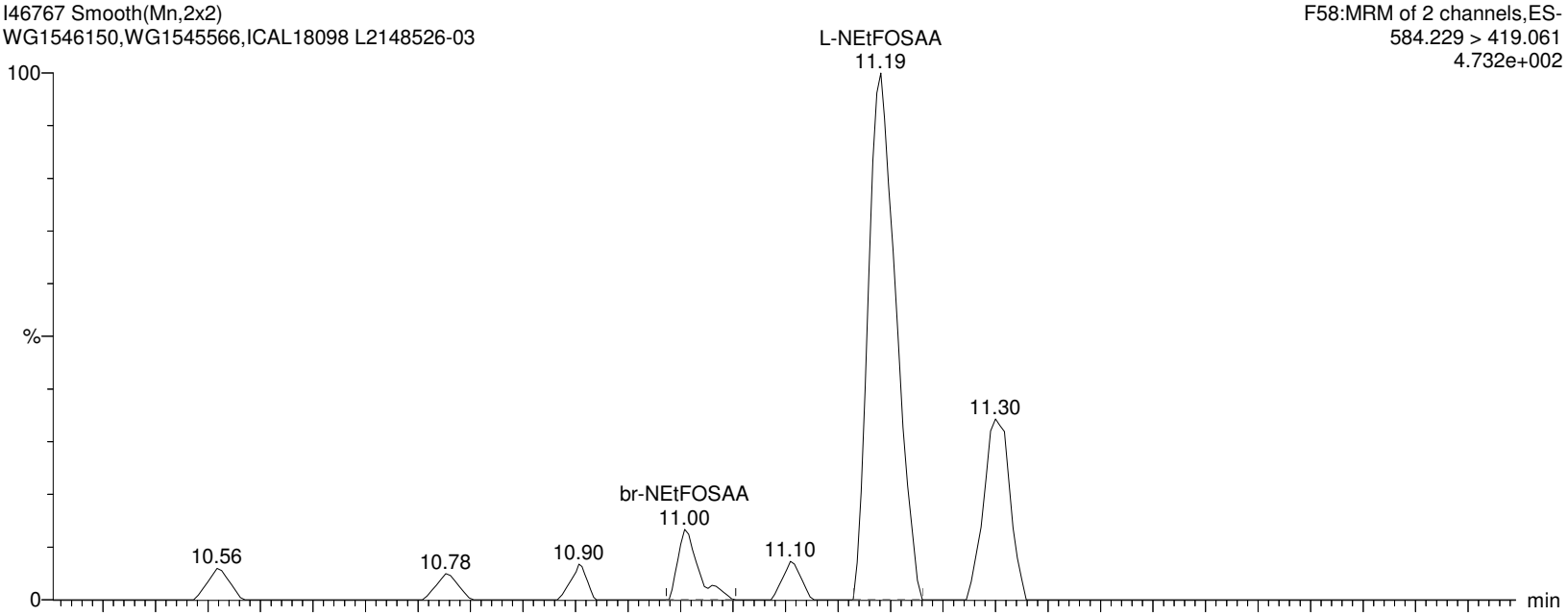


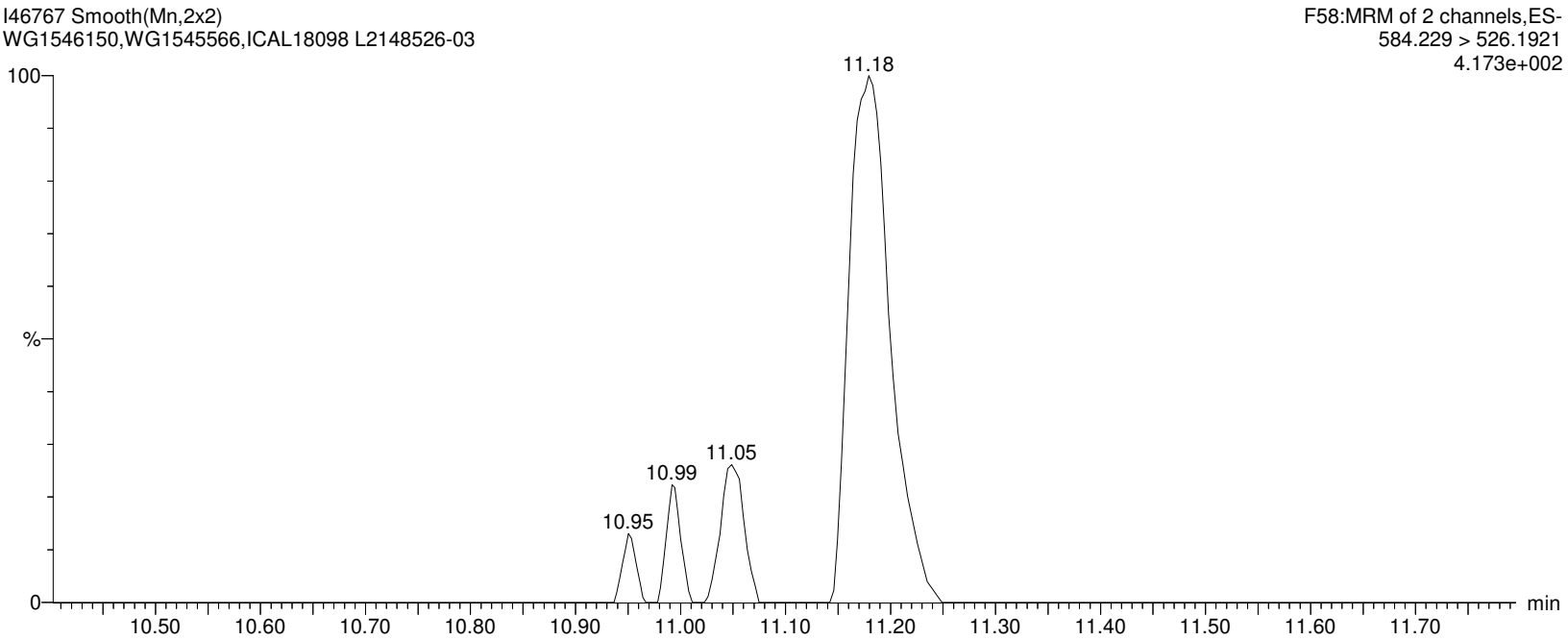
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:02 Eastern Daylight Time

Name: I46767
ID: L2148526-03
Date: 15-Sep-2021
Time: 05:58:54
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSAA



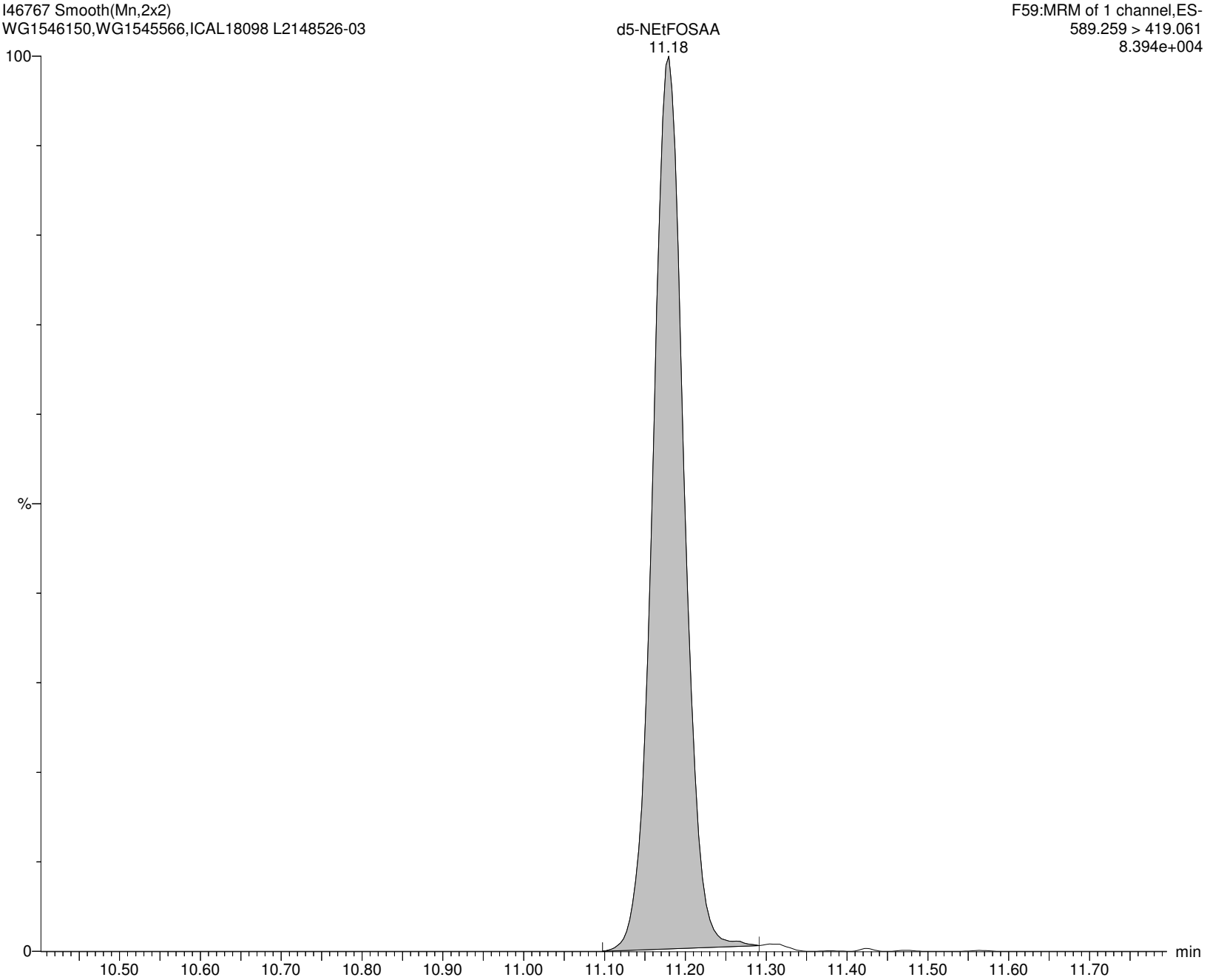


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:02 Eastern Daylight Time

Name: I46767
ID: L2148526-03
Date: 15-Sep-2021
Time: 05:58:54
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSAA

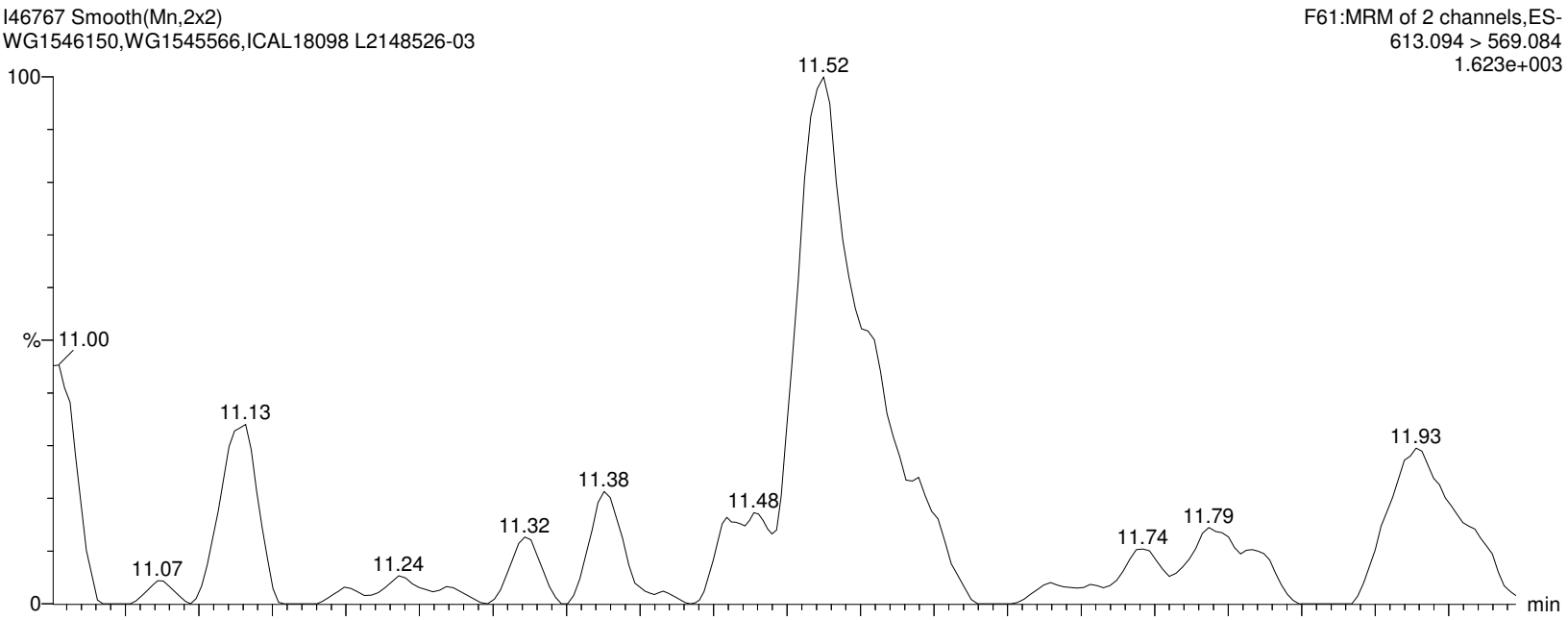


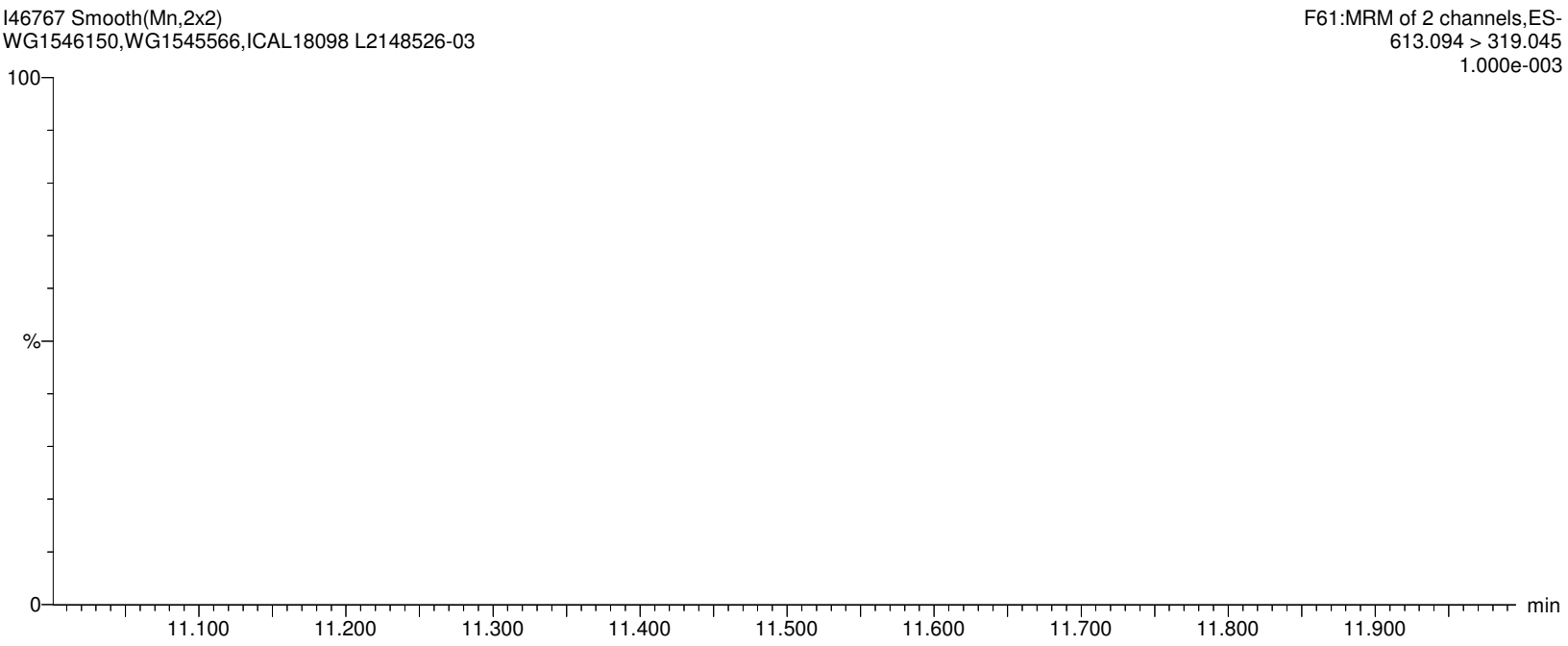
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:02 Eastern Daylight Time

Name: I46767
ID: L2148526-03
Date: 15-Sep-2021
Time: 05:58:54
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoA



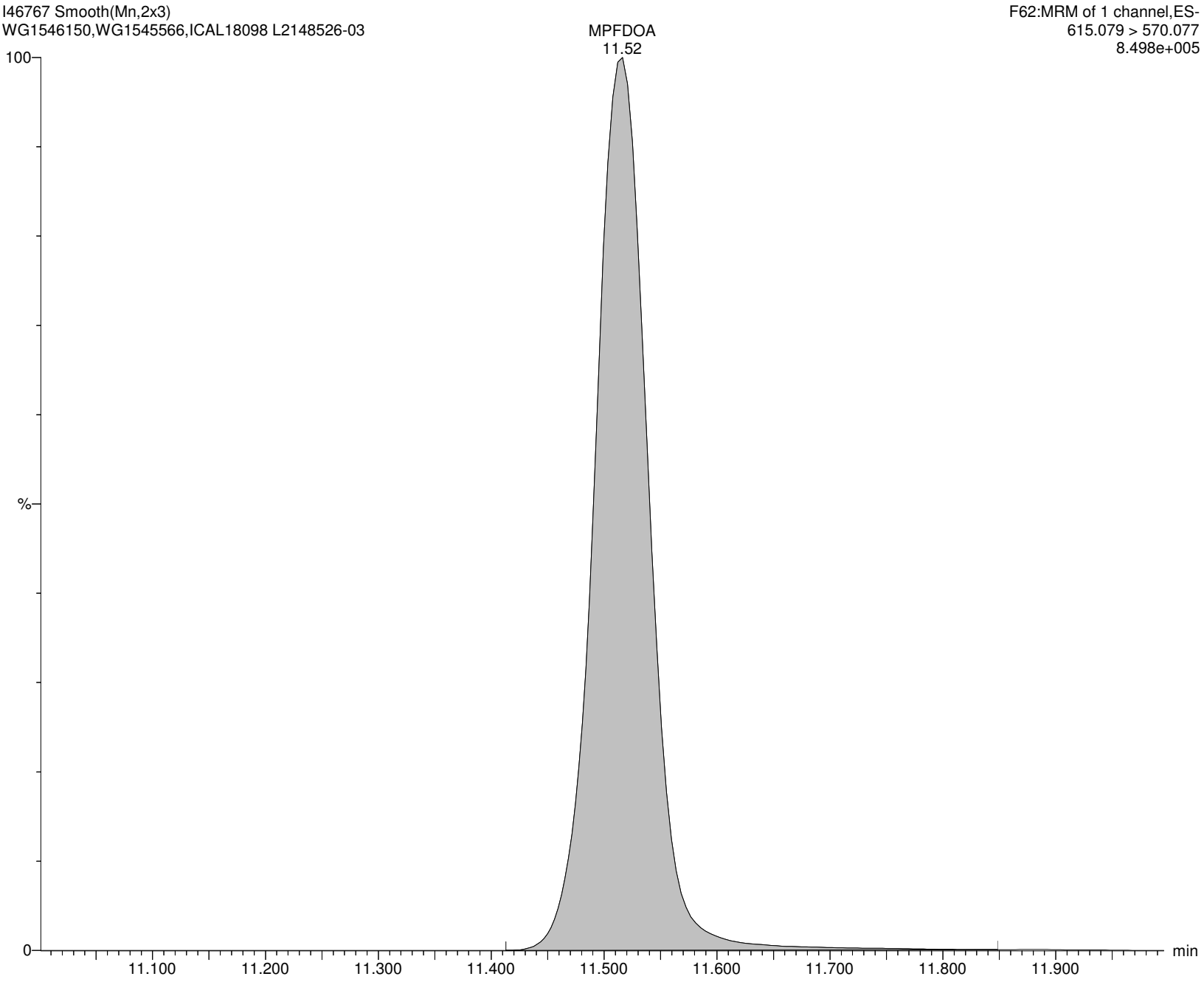


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:02 Eastern Daylight Time

Name: I46767
ID: L2148526-03
Date: 15-Sep-2021
Time: 05:58:54
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFDOA

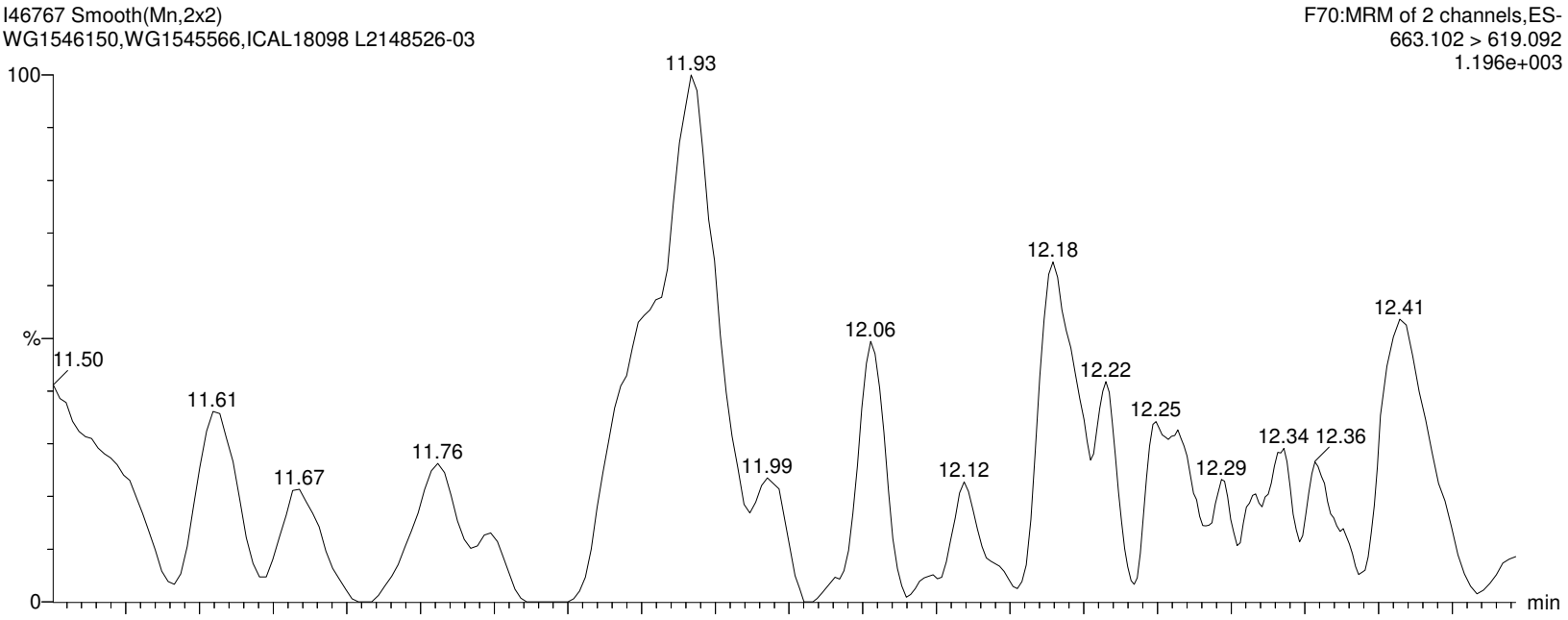


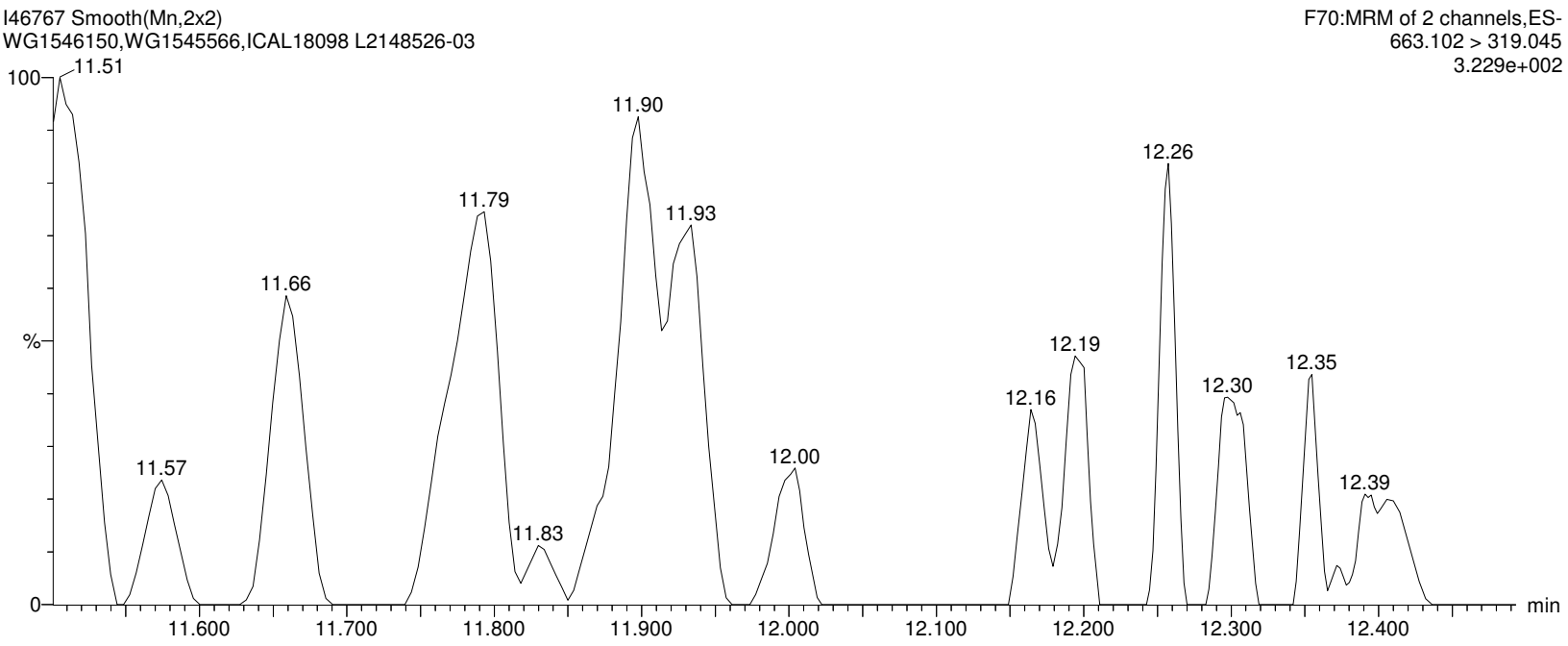
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:02 Eastern Daylight Time

Name: I46767
ID: L2148526-03
Date: 15-Sep-2021
Time: 05:58:54
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTrDA



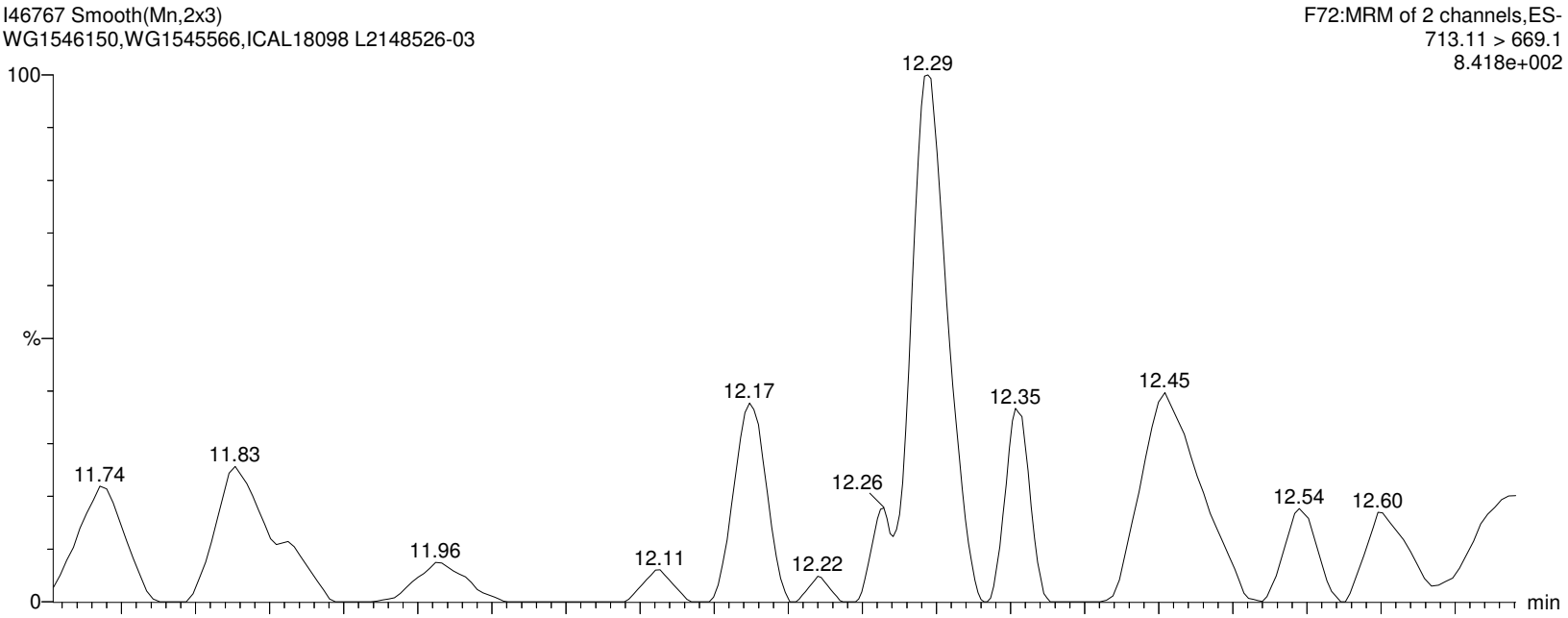


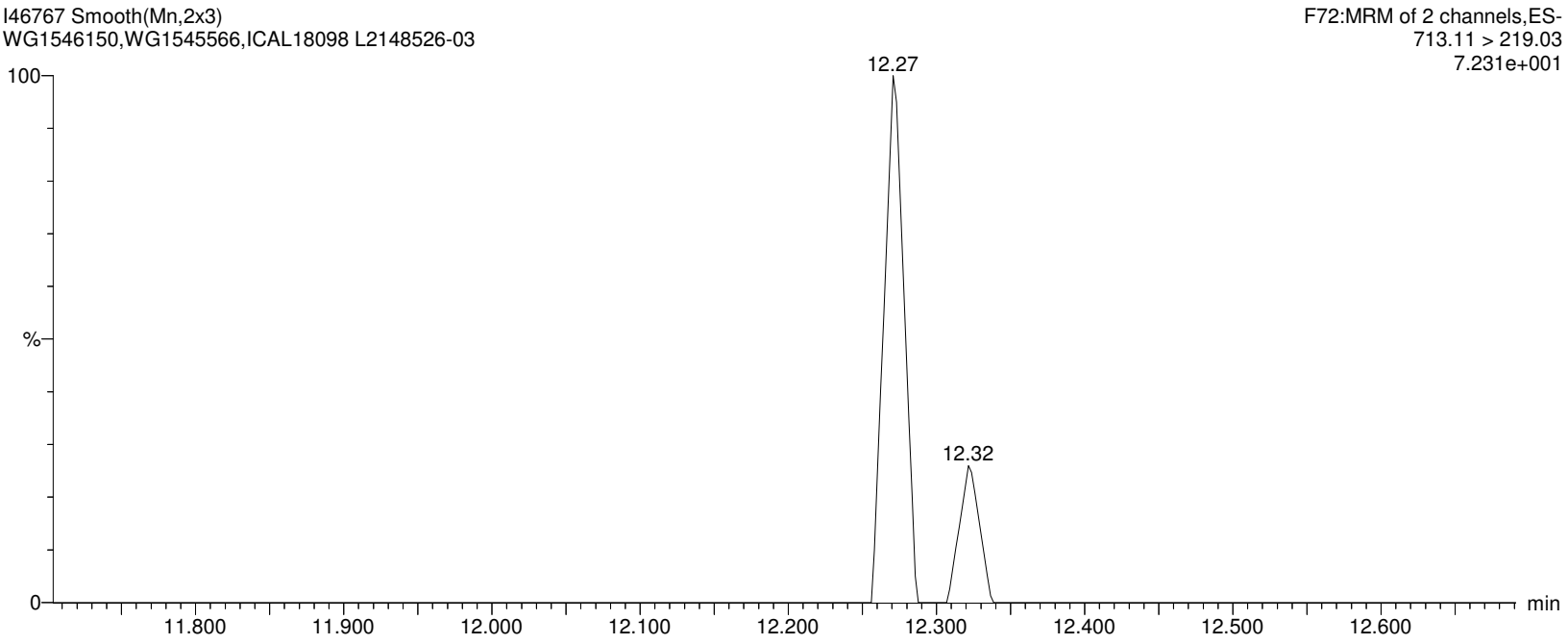
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:02 Eastern Daylight Time

Name: I46767
ID: L2148526-03
Date: 15-Sep-2021
Time: 05:58:54
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTA



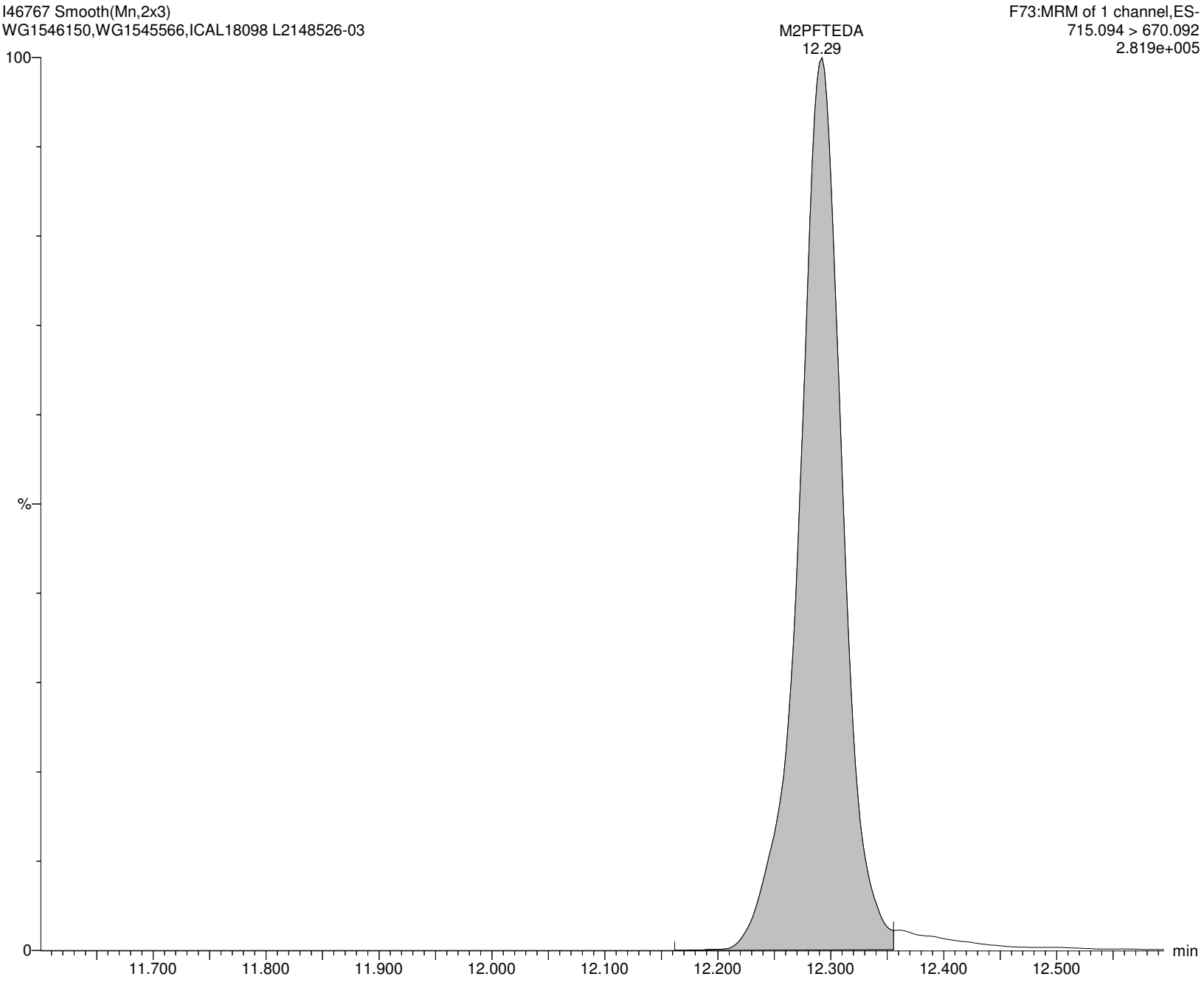


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:02 Eastern Daylight Time

Name: I46767
ID: L2148526-03
Date: 15-Sep-2021
Time: 05:58:54
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFTEDA



all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:04 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210914_537ISO.PRO\MethDB\537ISO_Q_210625_TOP_RT2.mdb 03 Sep 2021 08:44:20
Calibration: C:\MassLynx\Data\2021\210914_537ISO.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

ID: L2148526-04
Name: I46768
Date: 15-Sep-2021
Time: 06:15:28
Description: WG1546150,WG1545566,ICAL18098
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:SG
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.08	213.032 > 169.022	2618		0.719		na	
2	M3PFBA	INT STD	2.09	216.009 > 171.999	40321		7.680		na	76.8
3	MPFBA	INT STD	2.09	217.001 > 171.999	40897		9.433		na	94.3
4	PFPeA	2706-90-3	4.98	263.039 > 219.03	1802		0.447		na	
5	M5PFPEA	INT STD	4.98	268.001 > 222.999	42871		9.011		na	90.1
6	PFBS	375-73-5	5.64	299.092 > 80.062	254	M7	0.261	2.05	NO	
7	M3PFBS	INT STD	5.64	302.069 > 80.062	8972		8.012		na	80.1
8	4:2FTS	757124-72-4		327.146 > 307.139			ND		YES	
9	M2-4:2FTS	INT STD	6.81	329.13 > 309.124	7139		15.908		na	159.1
10	PFHxA	307-24-4	6.88	313.047 > 269.037	3876		0.776	18.05	NO	
11	M5PFHxA	INT STD	6.88	318.009 > 273.007	47089		8.302		na	83.0
12	PFPeS	2706-91-4	7.20	349.1 > 80.062	132	M7	0.133	3.53	YES	
13	PFHpA	375-85-9	8.16	363.055 > 319.045	3948		0.515	5.66	NO	
14	M4PFHpA	INT STD	8.15	367.025 > 322.022	75711		8.953		na	89.5
15	br-PFHxS	355-46-4	8.09	399.107 > 80.062	80	M5,M7	0.085	0.97	YES	
16	L-PFHxS	355-46-4	8.31	399.107 > 80.062	523		0.424	1.49	NO	
17	PFHxS	355-46-4		399.107 > 80.062	603		0.509		na	
18	M3PFHxS	INT STD	8.31	402.084 > 80.062	11314		8.909		na	89.1
19	br-PFOA	335-67-1	8.87	413.063 > 369.053	2530	M5	0.316	2.43	NO	
20	L-PFOA	335-67-1	9.10	413.063 > 369.053	19540		2.442	8.73	NO	
21	PFOA	335-67-1		413.063 > 369.053	22070		2.759		na	
22	M8PFOA	INT STD	9.10	421.002 > 376.	83023		8.816		na	88.2
23	M2PFOA	INT STD	9.10	415.048 > 370.045	92762		8.758		na	87.6
24	6:2FTS	27619-97-2	9.06	427.161 > 407.155	10925		16.262	3.51	NO	
25	M2-6:2FTS	INT STD	9.06	429.146 > 409.14	7157		15.537		na	155.4
26	PFHpS	375-92-8	9.20	449.115 > 80.062	88	M4	0.120	1.32	NO	
27	PFNA	375-95-1	9.86	463.071 > 419.061	1882		0.322	3.79	NO	
28	M9PFNA	INT STD	9.85	472.002 > 427.	23394		8.648		na	86.5
29	br-PFOS	1763-23-1	9.65	499.123 > 80.062	3946	M5,M7	3.434	4.85	NO	
30	L-PFOS	1763-23-1	9.91	499.123 > 80.062	4605		5.093	1.77	NO	
31	PFOS	1763-23-1		499.123 > 80.062	8552		8.527		na	
32	M4PFOS	INT STD	9.91	503.093 > 80.062	10150		8.967		na	89.7
33	M8PFOS	INT STD	9.91	507.062 > 80.062	10220		8.986		na	89.9
34	PFDA	335-76-2	10.48	513.078 > 469.069	942	M4	0.178	5.49	NO	
35	M2PFDA	INT STD	10.48	515.053 > 469.934	54838		8.990		na	89.9
36	M6PFDA	INT STD	10.48	519.033 > 474.03	53206		8.548		na	85.5
37	8:2FTS	39108-34-4		527.177 > 507.171			ND		YES	
38	M2-8:2FTS	INT STD	10.48	529.162 > 509.155	3583		10.578		na	105.8
39	PFNS	68259-12-1		549.131 > 80.062			ND		YES	

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:04 Eastern Daylight Time

ID: L2148526-04
Name: I46768
Date: 15-Sep-2021
Time: 06:15:28
Description: WG1546150,WG1545566,ICAL18098
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:SG
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.87	573.22 > 419.061	3793		6.466		na	64.7
41	br-NMeFOSAA			570.202 > 419.061			ND		YES	
42	L-NMeFOSAA			570.202 > 419.061			ND		YES	
43	NMeFOSAA	2355-31-9		570.202 > 419.061	0		ND		na	
44	PFUnA	2058-94-8	11.03	563.086 > 519.076	289		0.060	5.92	NO	
45	M7-PFUDA	INT STD	11.03	570.033 > 525.031	47721		8.221		na	82.2
46	PFDS	335-77-3		599.139 > 80.062			ND		YES	
47	FOSA	754-91-6	10.96	498.146 > 78.07	110	M7	0.089	106.45	NO	
48	M8FOSA	INT STD	10.96	506.077 > 78.07	14495		4.301		na	43.0
49	br-NEtFOSAA			584.229 > 419.061			ND		YES	
50	L-NEtFOSAA			584.229 > 419.061			ND		YES	
51	NEtFOSAA	2991-50-6		584.229 > 419.061	0		ND		na	
52	d5-NEtFOSAA	INT STD	11.17	589.259 > 419.061	3372		6.955		na	69.5
53	PFDoA	307-55-1		613.094 > 569.084			ND		YES	
54	MPFDOA	INT STD	11.50	615.079 > 570.077	43732		7.809		na	78.1
55	PFTrDA	72629-94-8		663.102 > 619.092			ND		YES	
56	PFTA	376-06-7		713.11 > 669.1			ND		YES	
57	M2PFTEDA	INT STD	12.29	715.094 > 670.092	11581		6.593		na	65.9

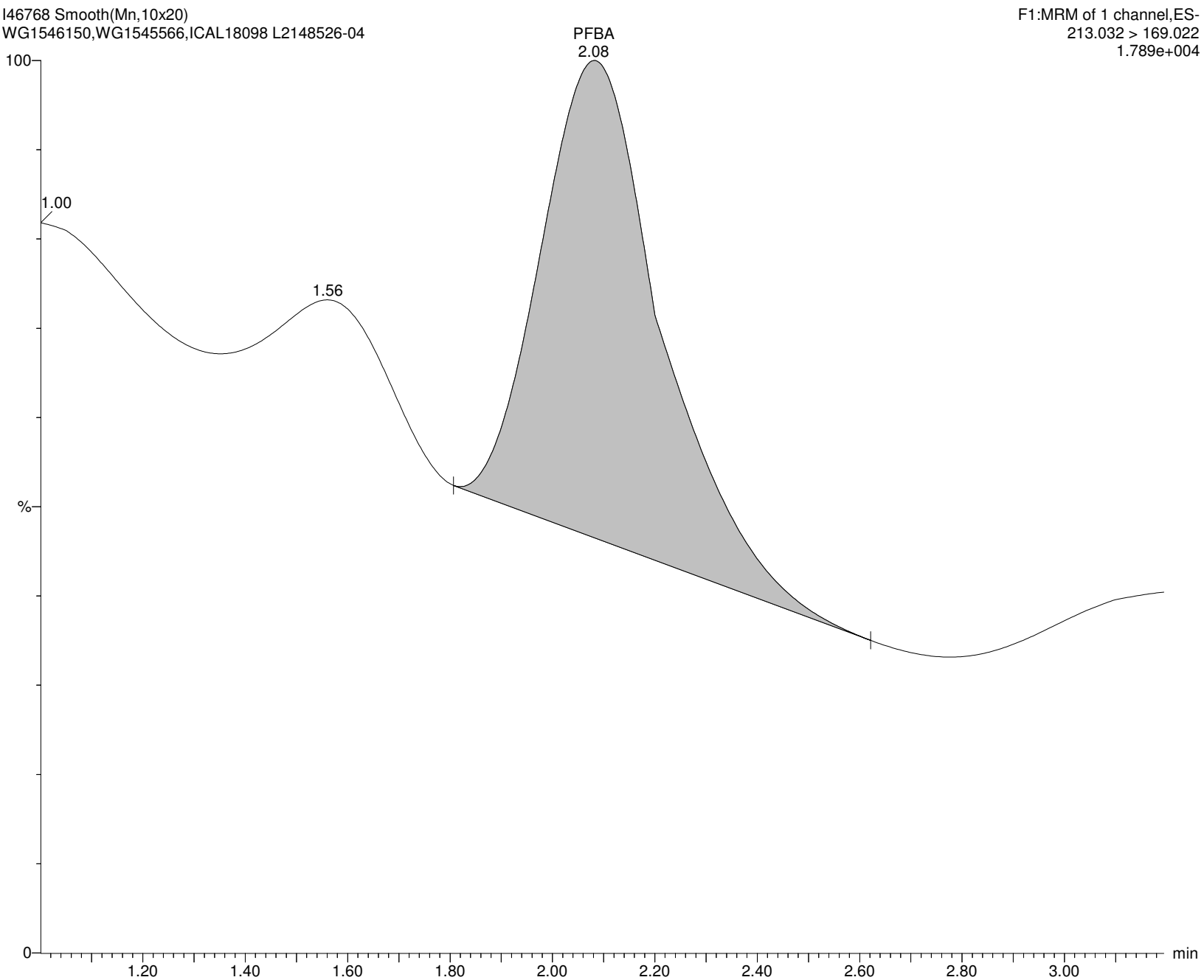
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:04 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210914_537ISO.PRO\MethDB\537ISO_Q_210625_TOP_RT2.mdb 03 Sep 2021 08:44:20
Calibration: C:\MassLynx\Data\2021\210914_537ISO.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

Name: I46768
ID: L2148526-04
Date: 15-Sep-2021
Time: 06:15:28
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBA

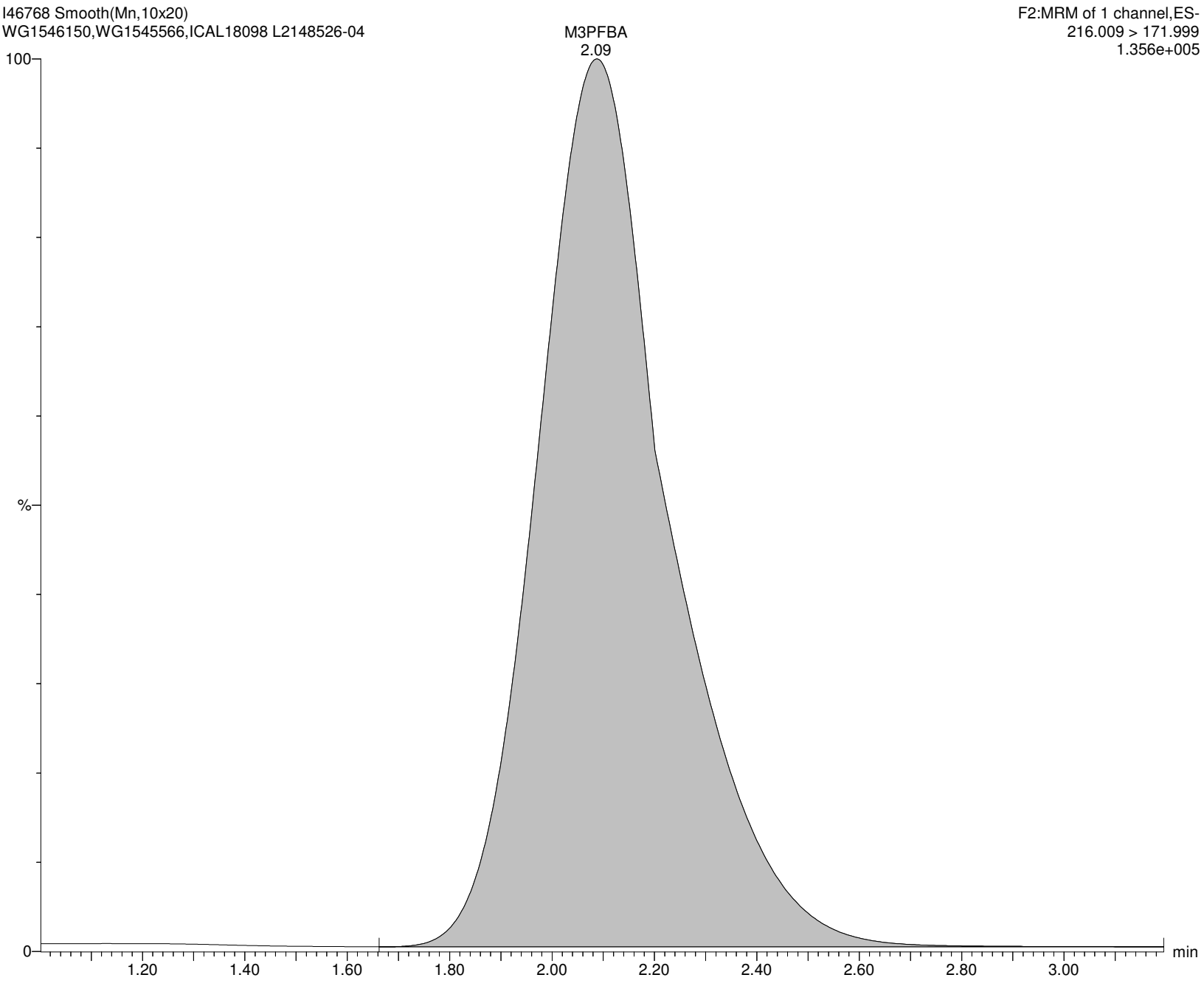


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:04 Eastern Daylight Time

Name: I46768
ID: L2148526-04
Date: 15-Sep-2021
Time: 06:15:28
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBA

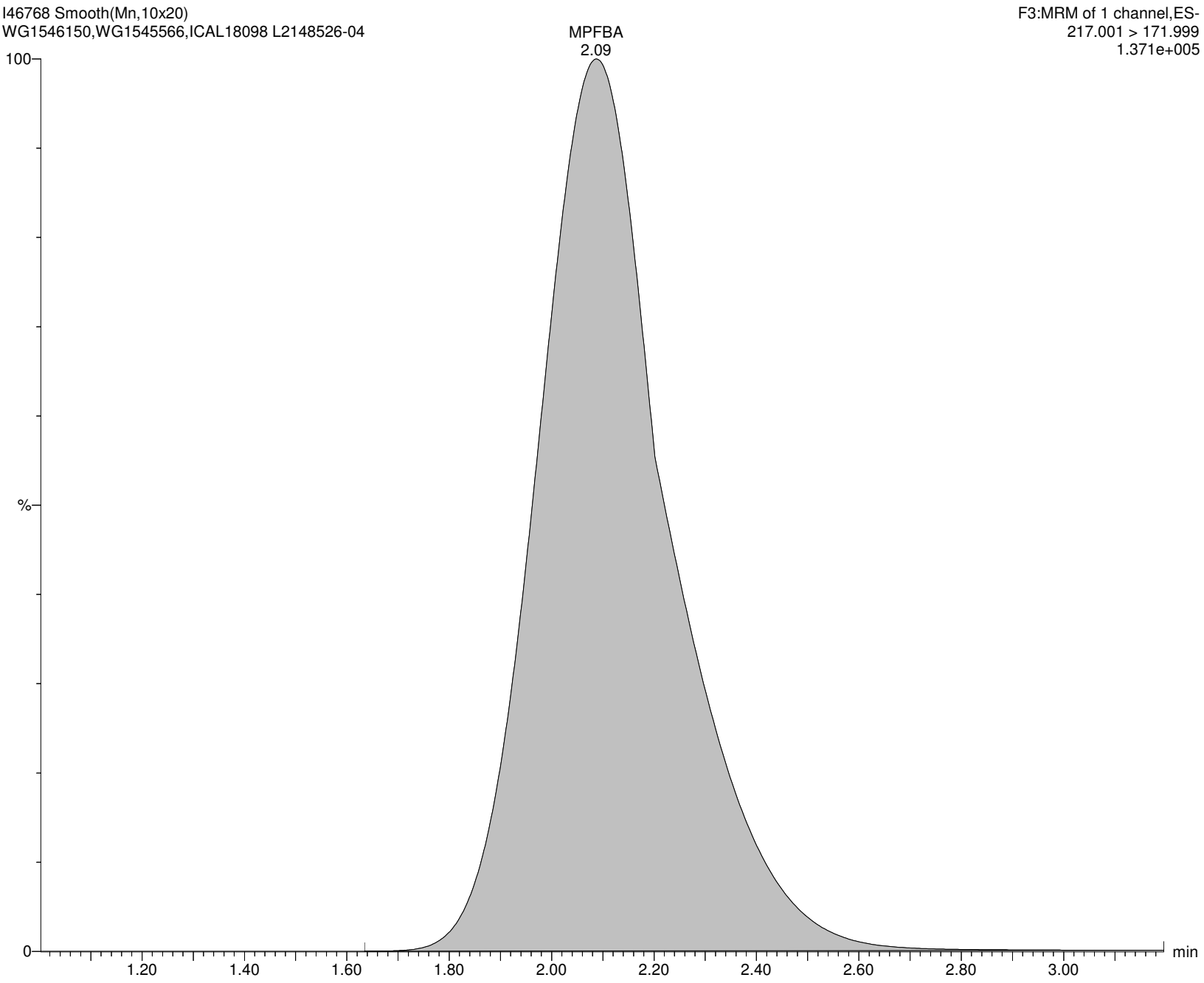


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:04 Eastern Daylight Time

Name: I46768
ID: L2148526-04
Date: 15-Sep-2021
Time: 06:15:28
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFBA

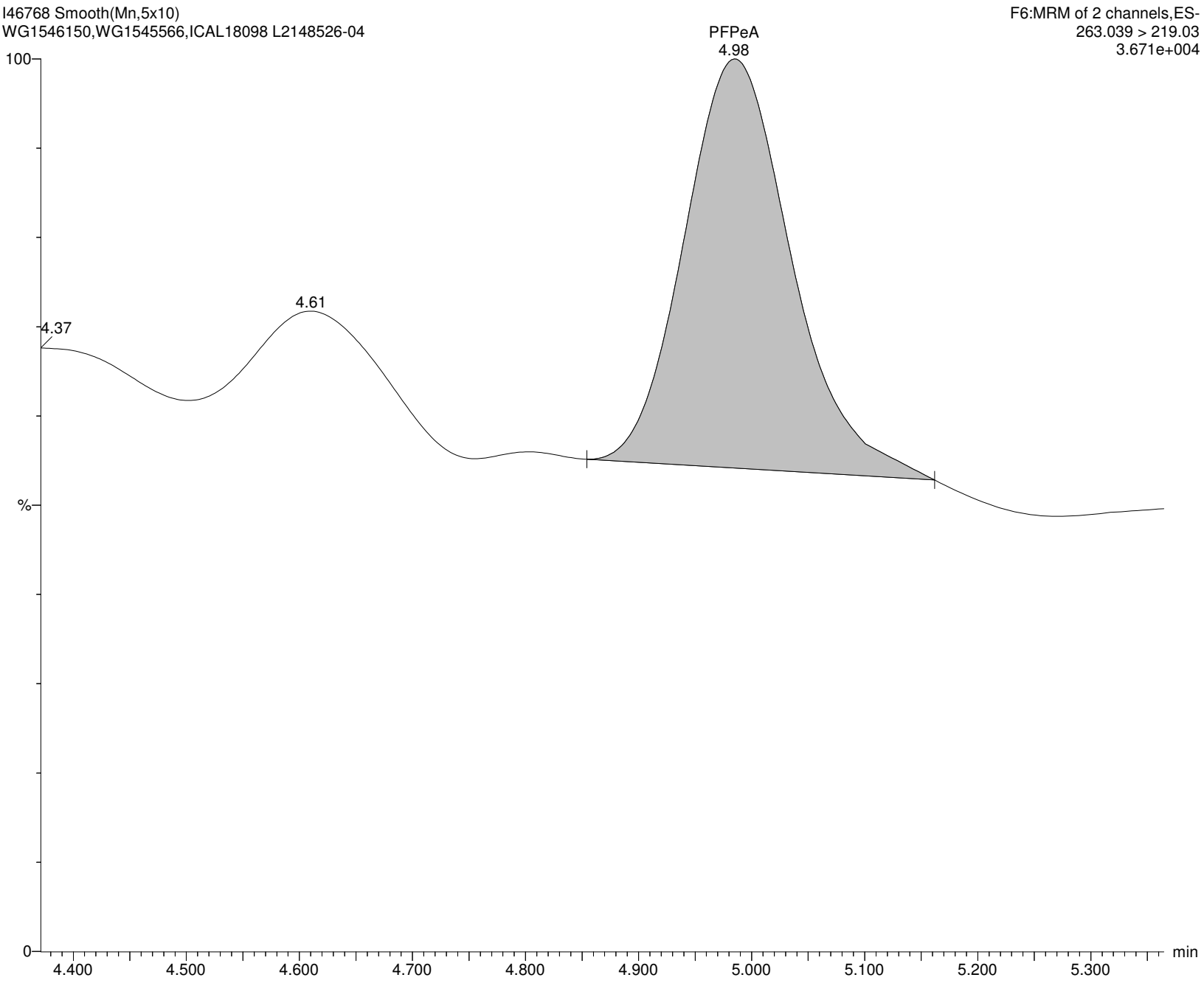


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:04 Eastern Daylight Time

Name: I46768
ID: L2148526-04
Date: 15-Sep-2021
Time: 06:15:28
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeA

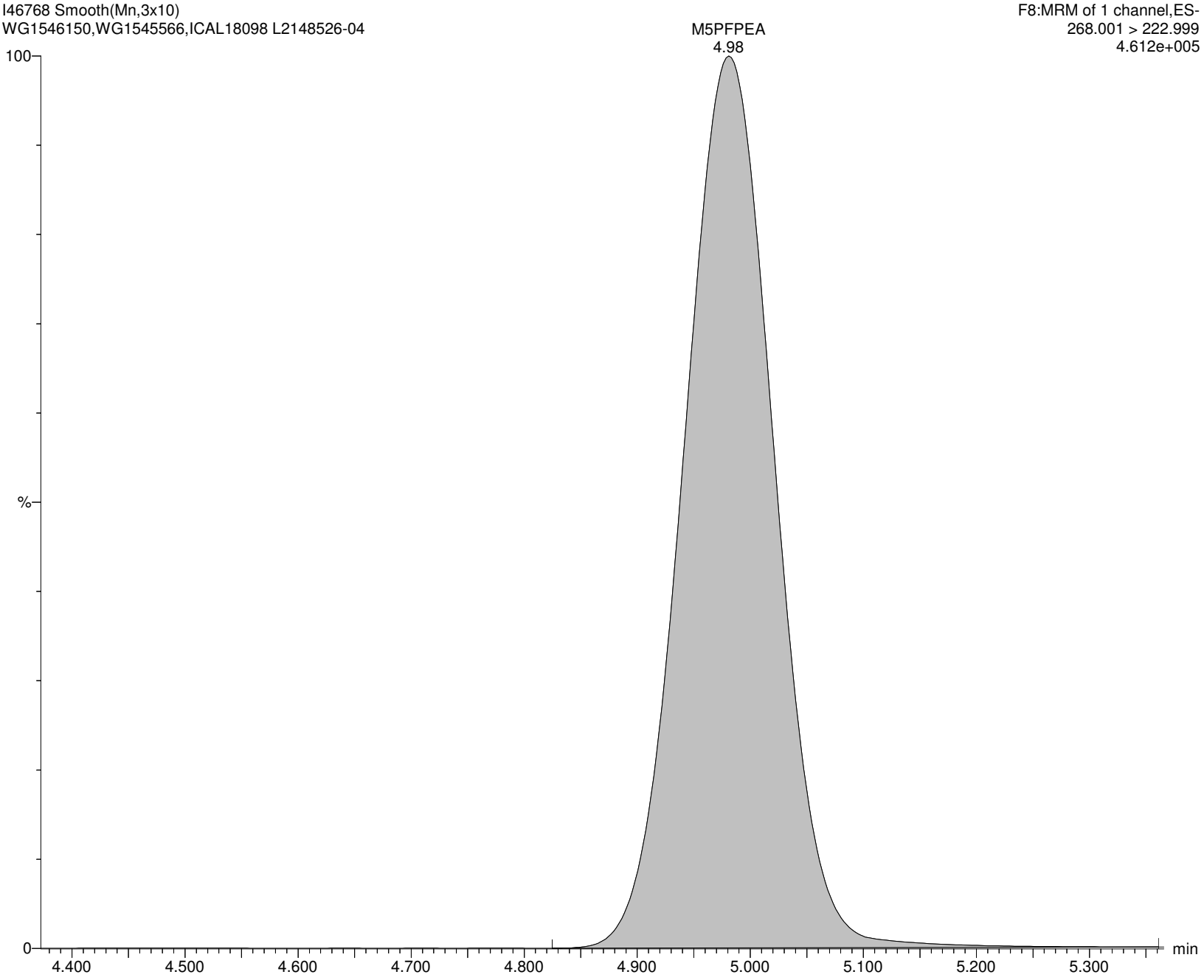


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:04 Eastern Daylight Time

Name: I46768
ID: L2148526-04
Date: 15-Sep-2021
Time: 06:15:28
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFPEA

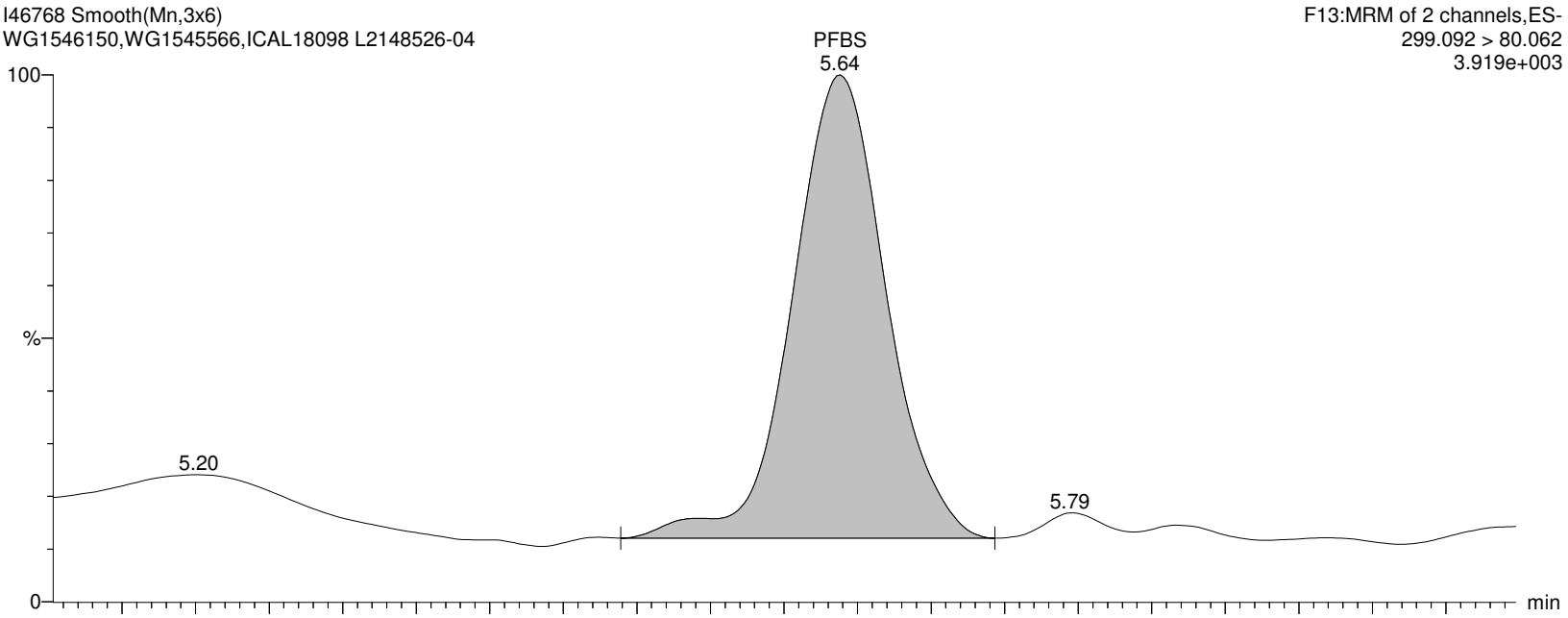


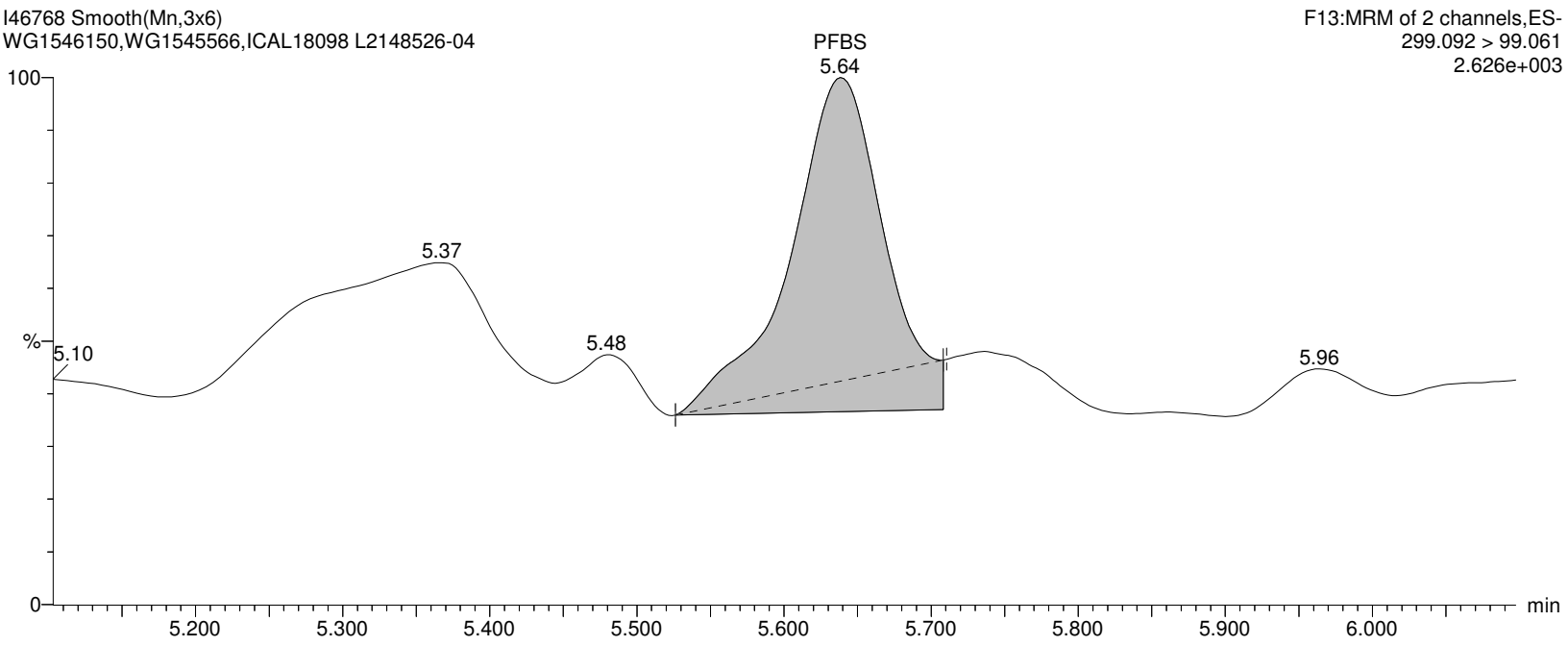
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:04 Eastern Daylight Time

Name: I46768
ID: L2148526-04
Date: 15-Sep-2021
Time: 06:15:28
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBS



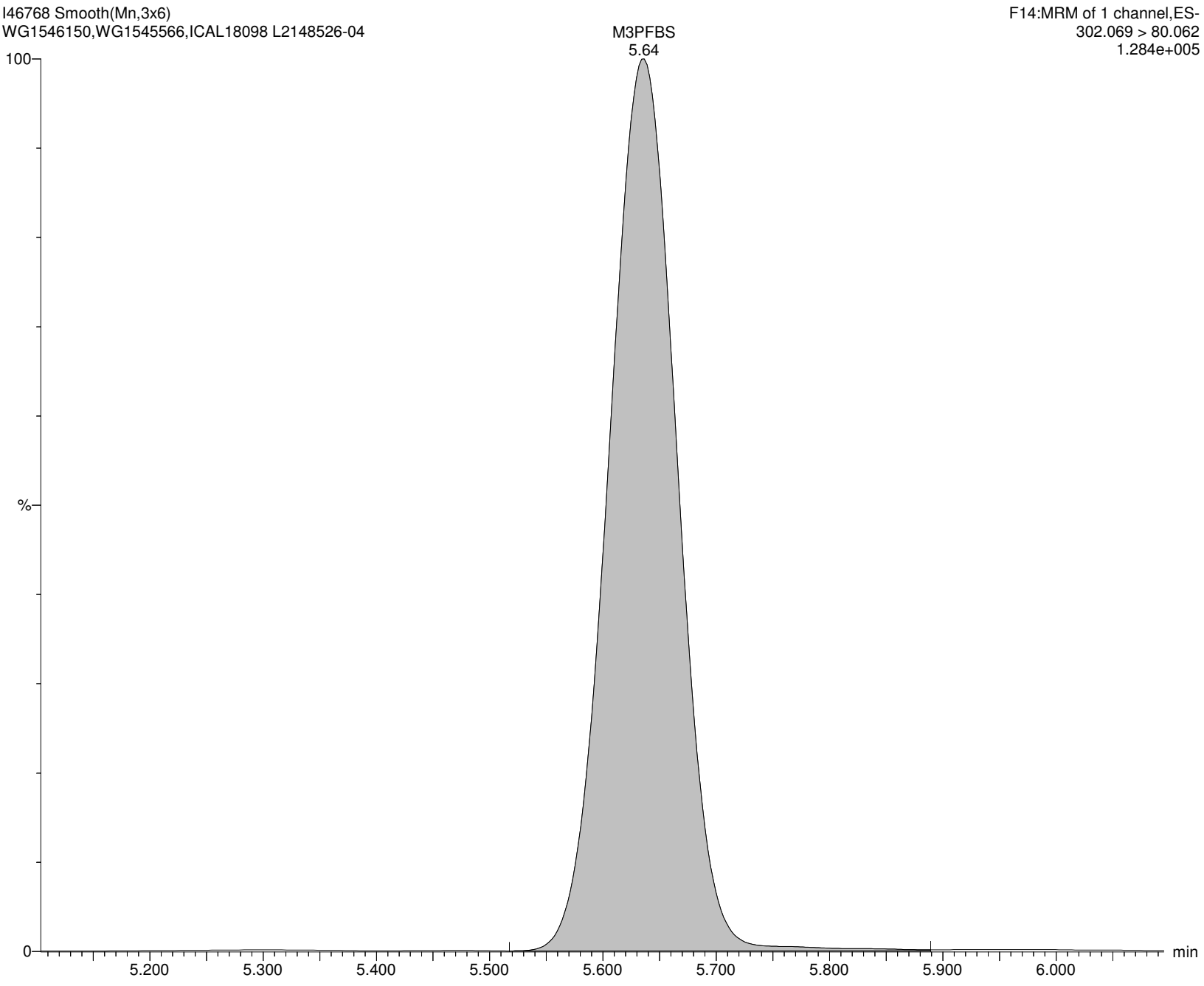


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:04 Eastern Daylight Time

Name: I46768
ID: L2148526-04
Date: 15-Sep-2021
Time: 06:15:28
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBS

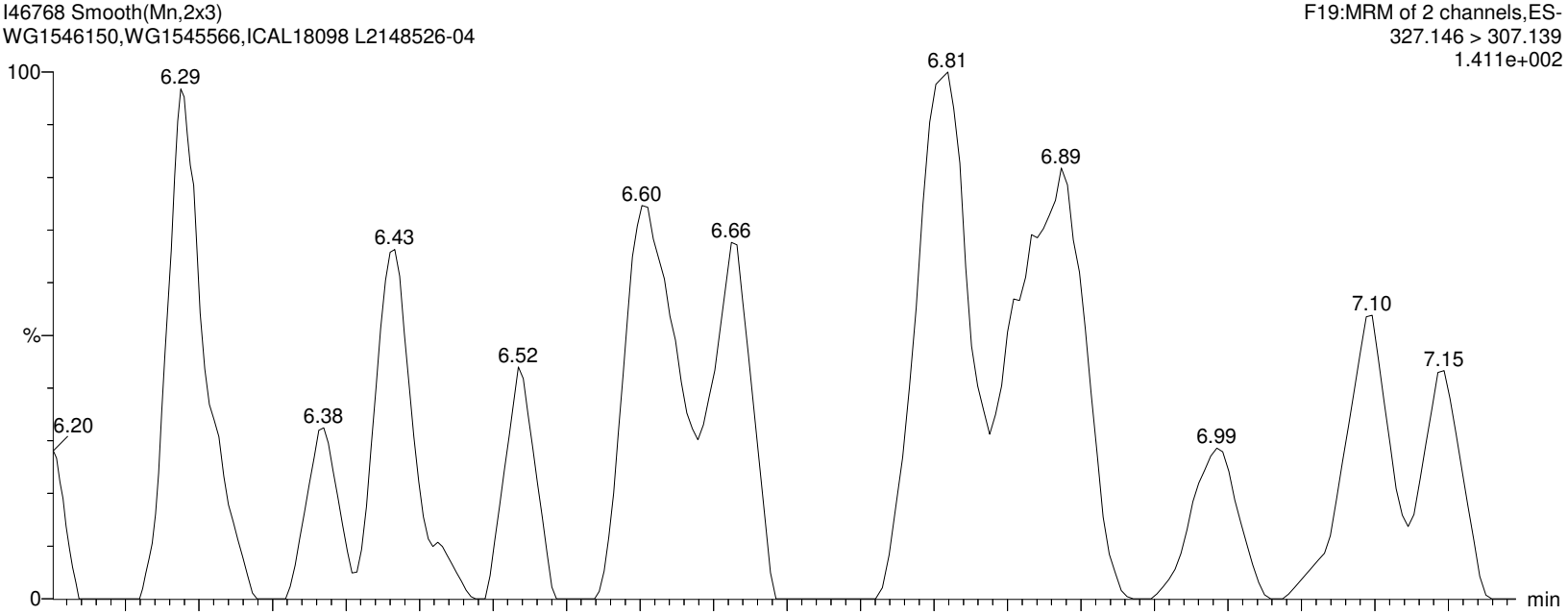


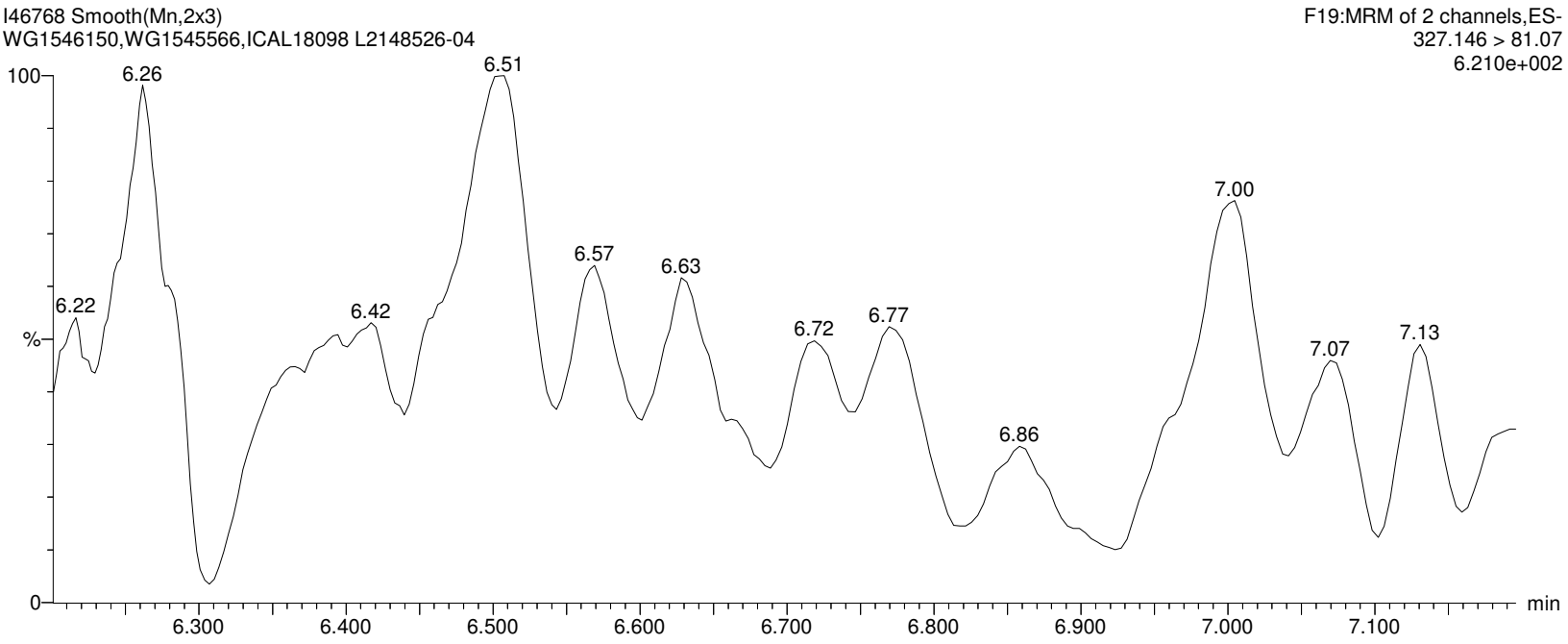
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:04 Eastern Daylight Time

Name: I46768
ID: L2148526-04
Date: 15-Sep-2021
Time: 06:15:28
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

4:2FTS



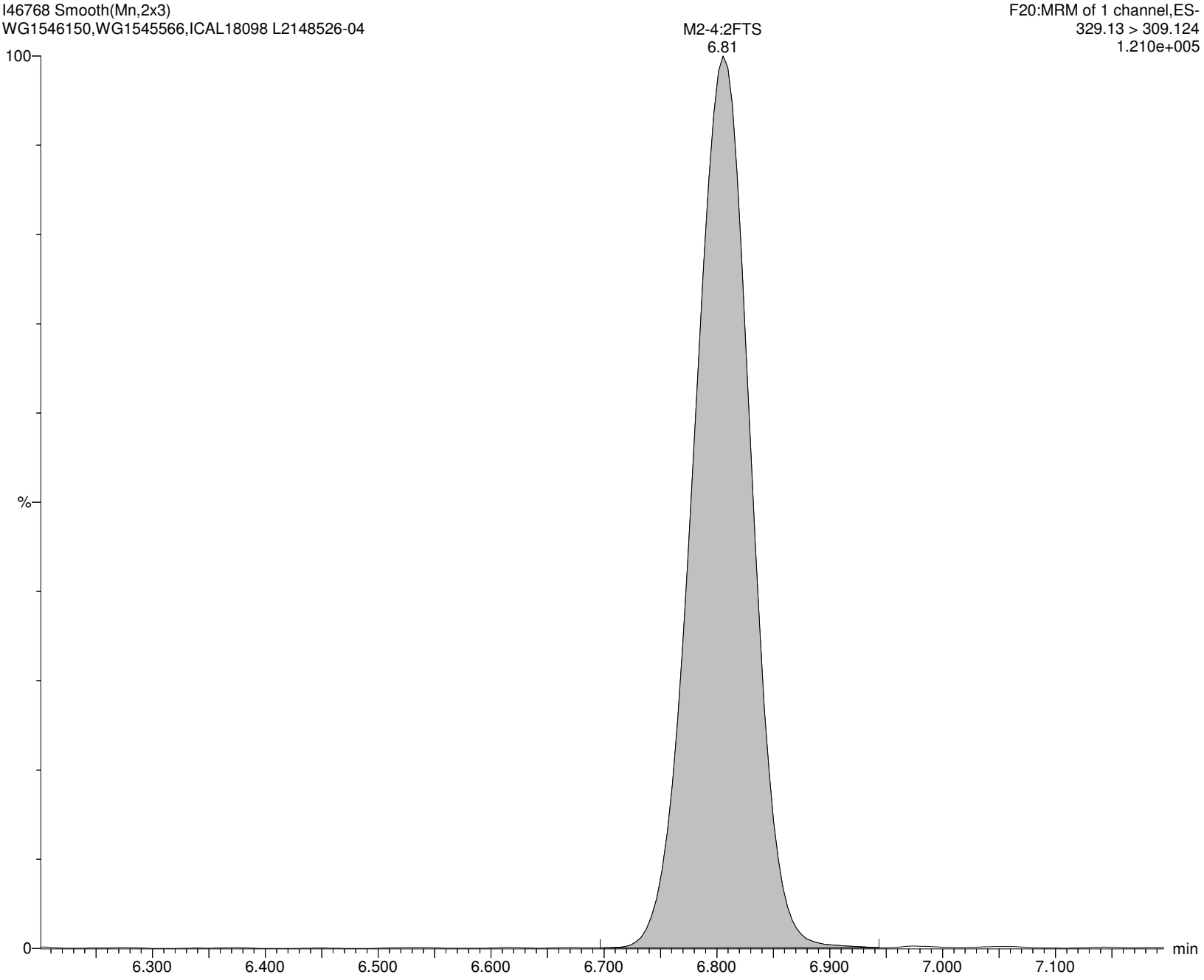


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:04 Eastern Daylight Time

Name: I46768
ID: L2148526-04
Date: 15-Sep-2021
Time: 06:15:28
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-4:2FTS

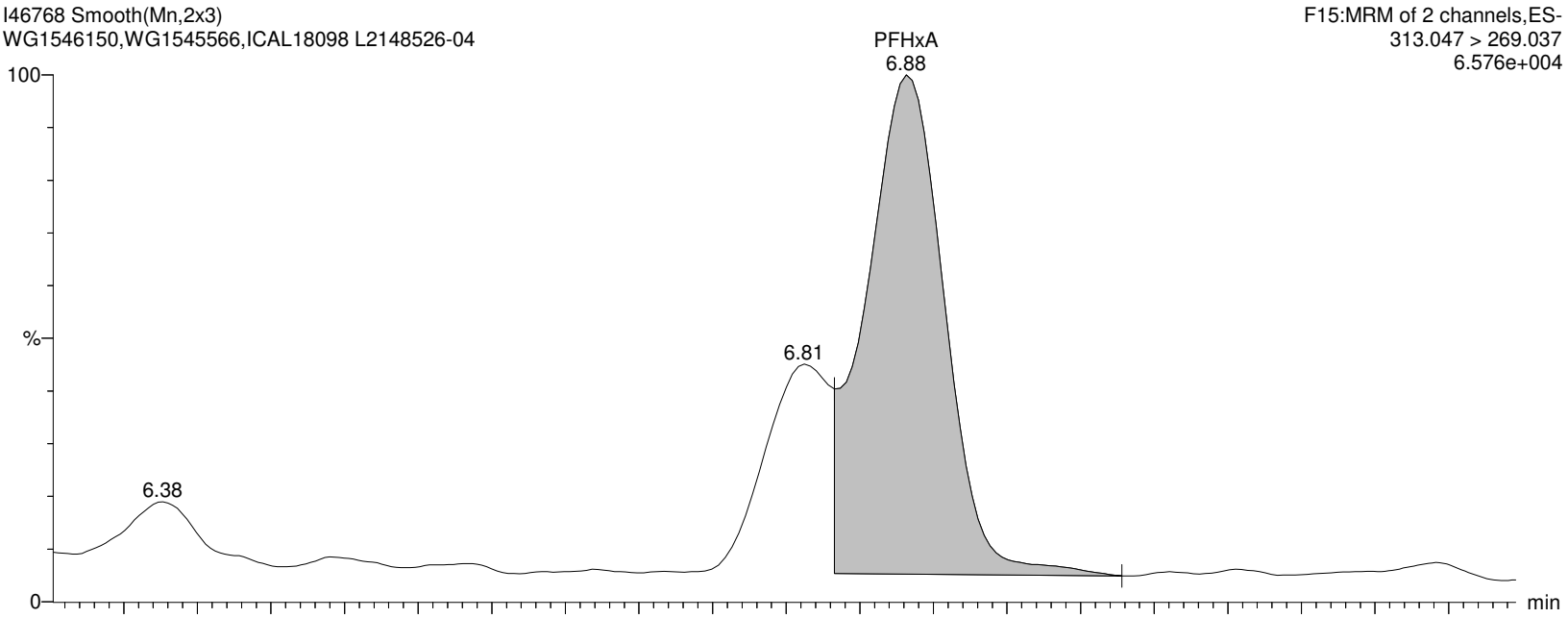


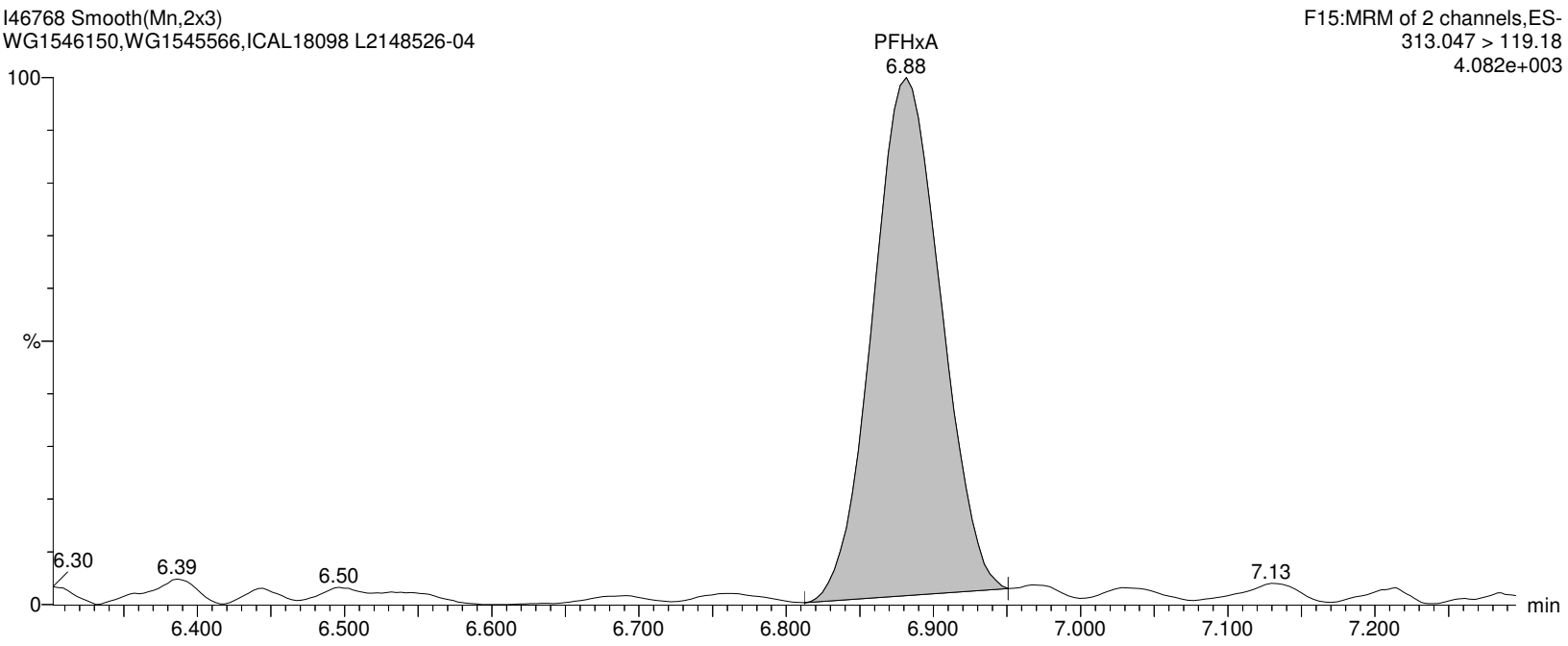
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:04 Eastern Daylight Time

Name: I46768
ID: L2148526-04
Date: 15-Sep-2021
Time: 06:15:28
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxA



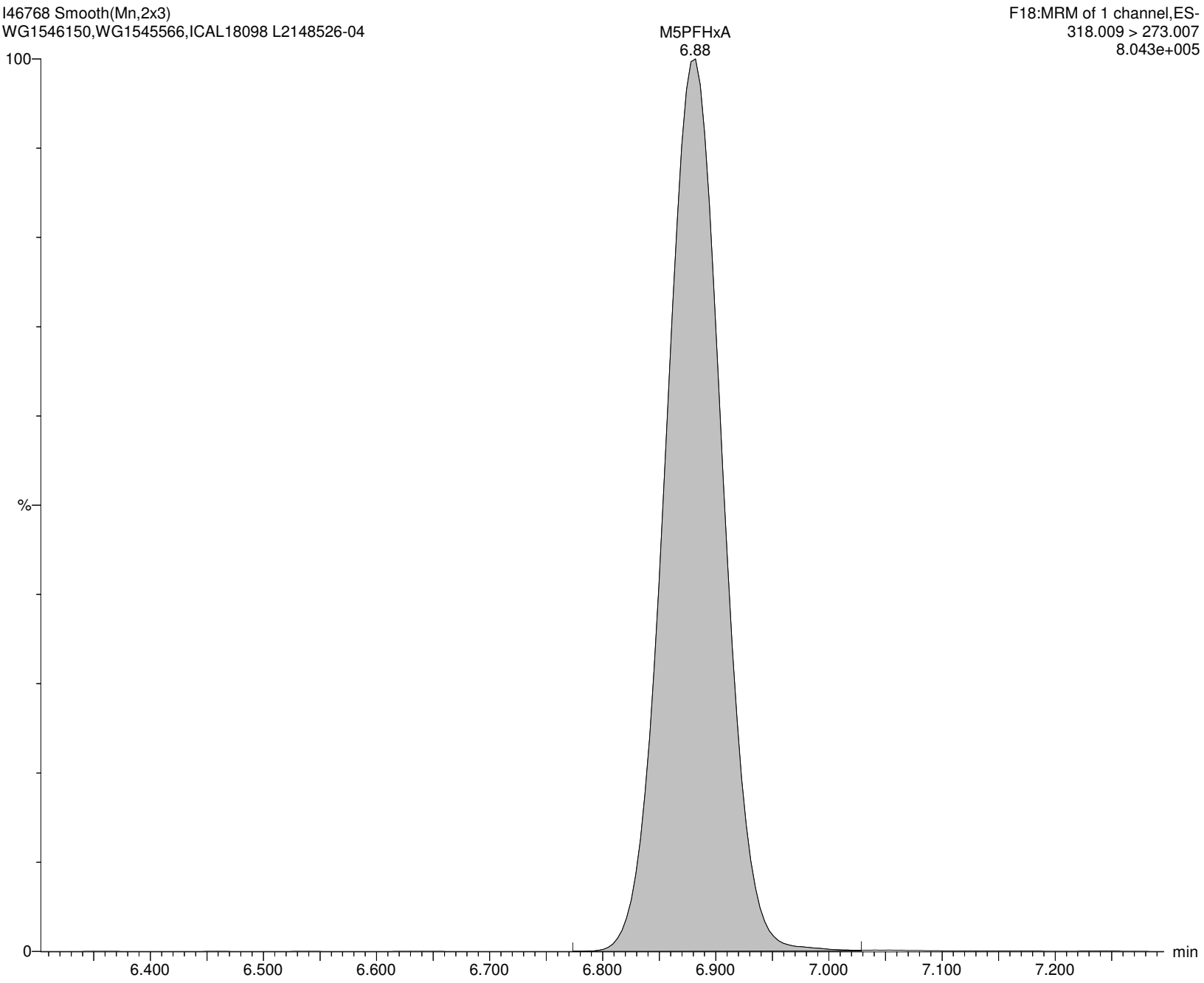


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:04 Eastern Daylight Time

Name: I46768
ID: L2148526-04
Date: 15-Sep-2021
Time: 06:15:28
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFHxA

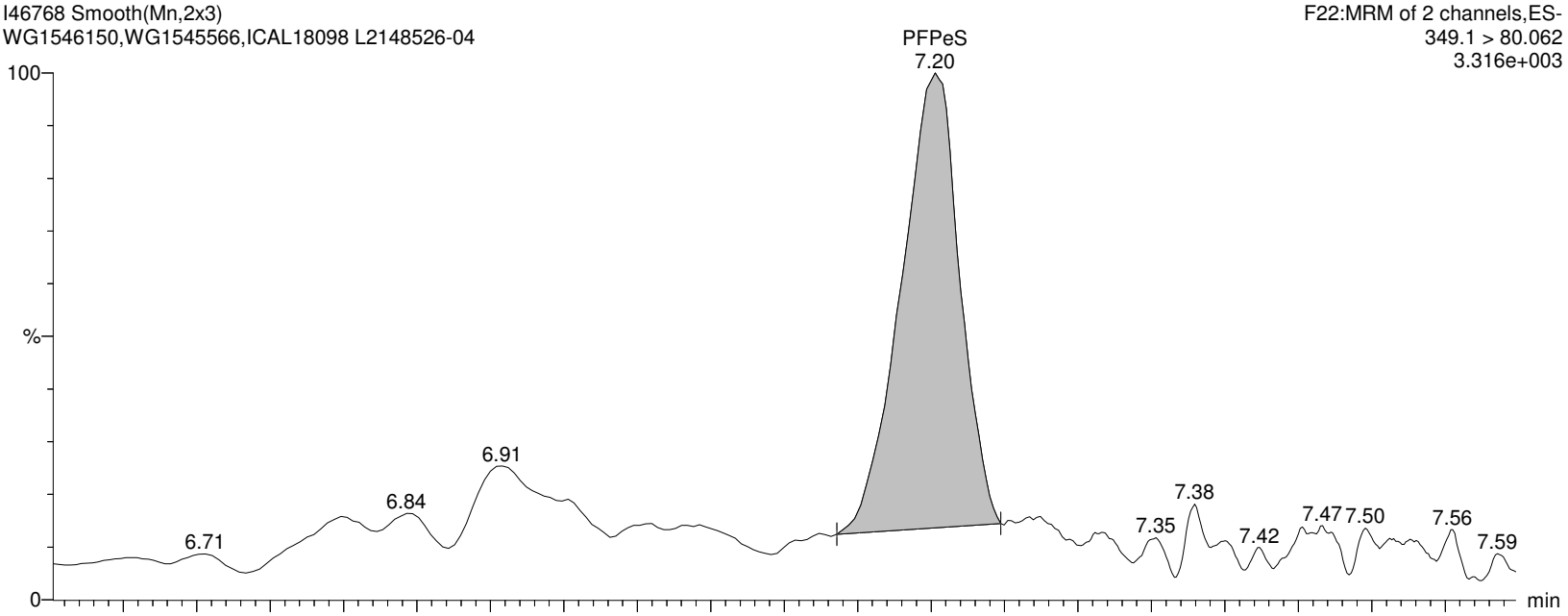


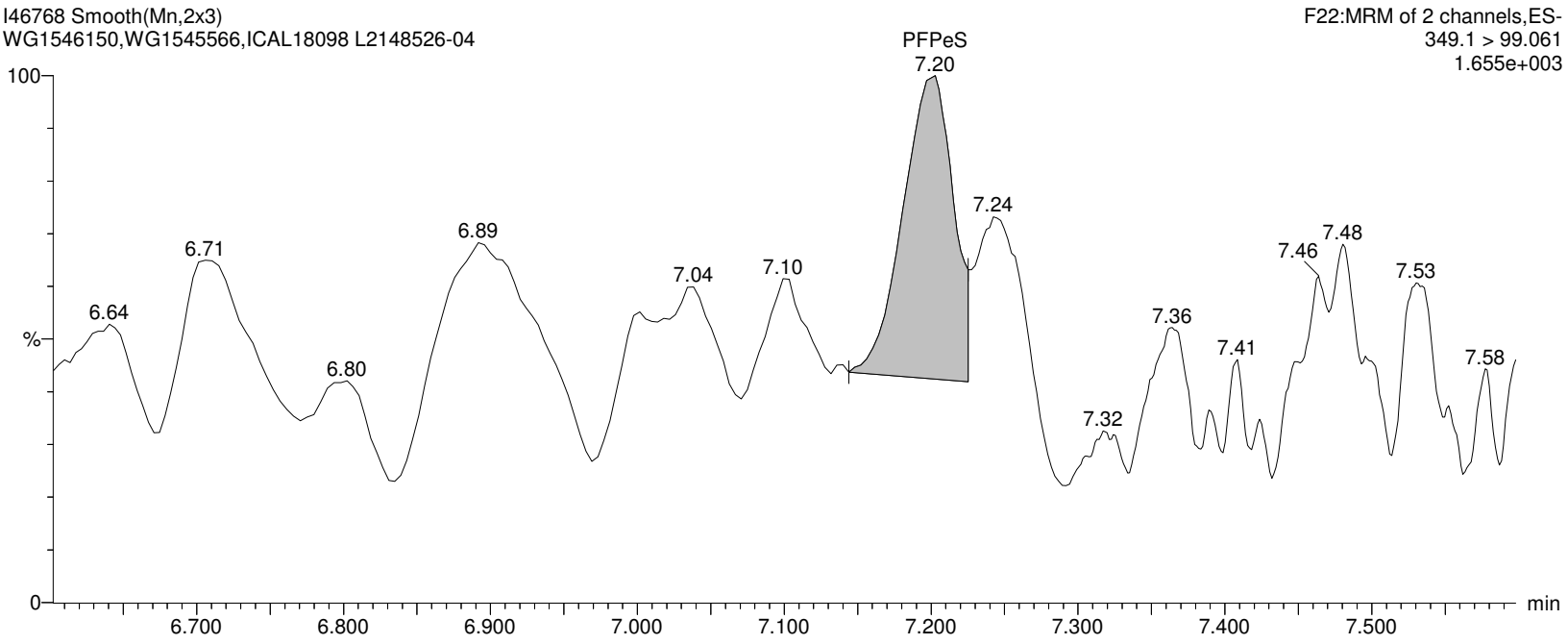
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:04 Eastern Daylight Time

Name: I46768
ID: L2148526-04
Date: 15-Sep-2021
Time: 06:15:28
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeS



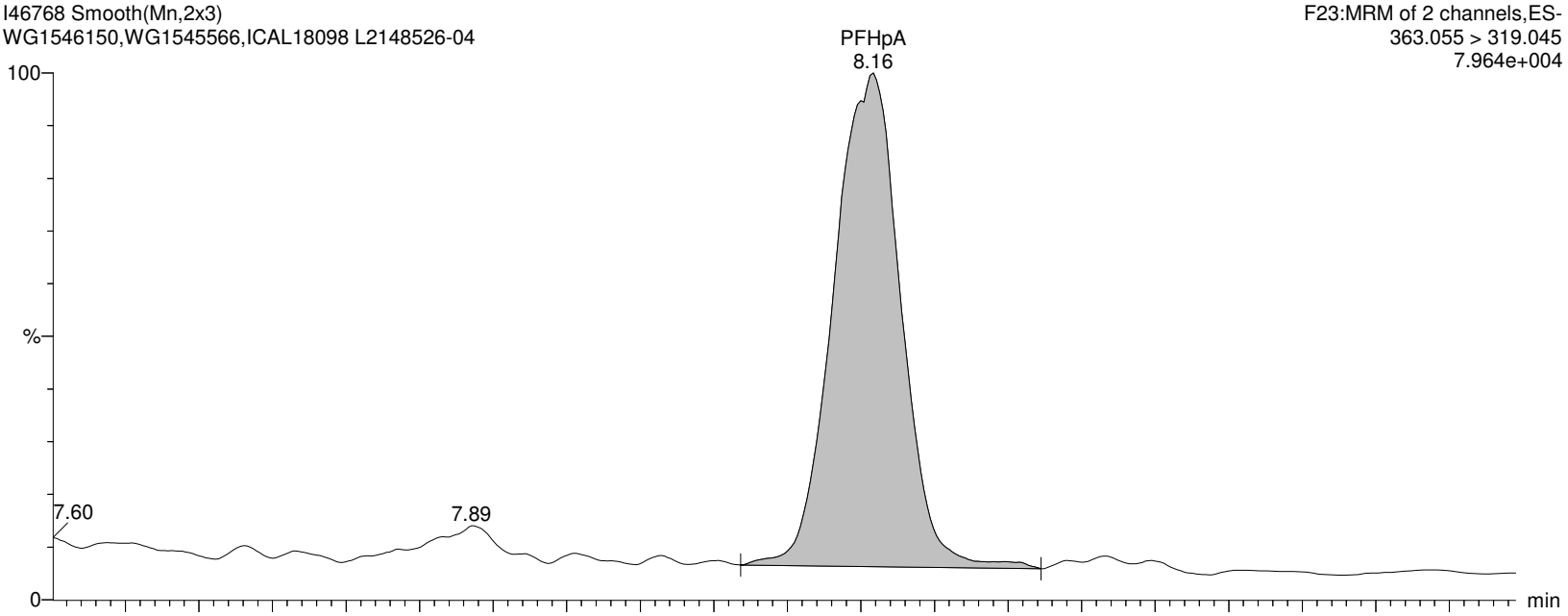


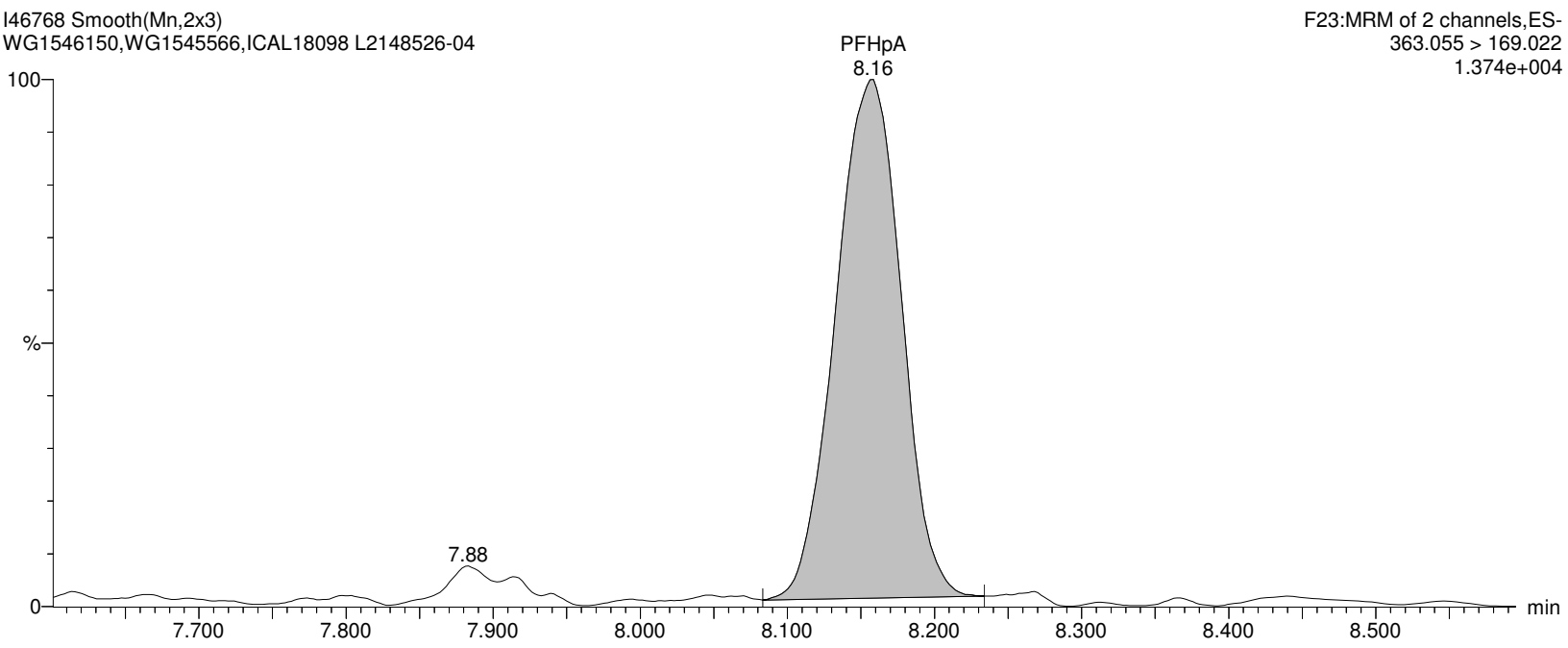
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:04 Eastern Daylight Time

Name: I46768
ID: L2148526-04
Date: 15-Sep-2021
Time: 06:15:28
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpA



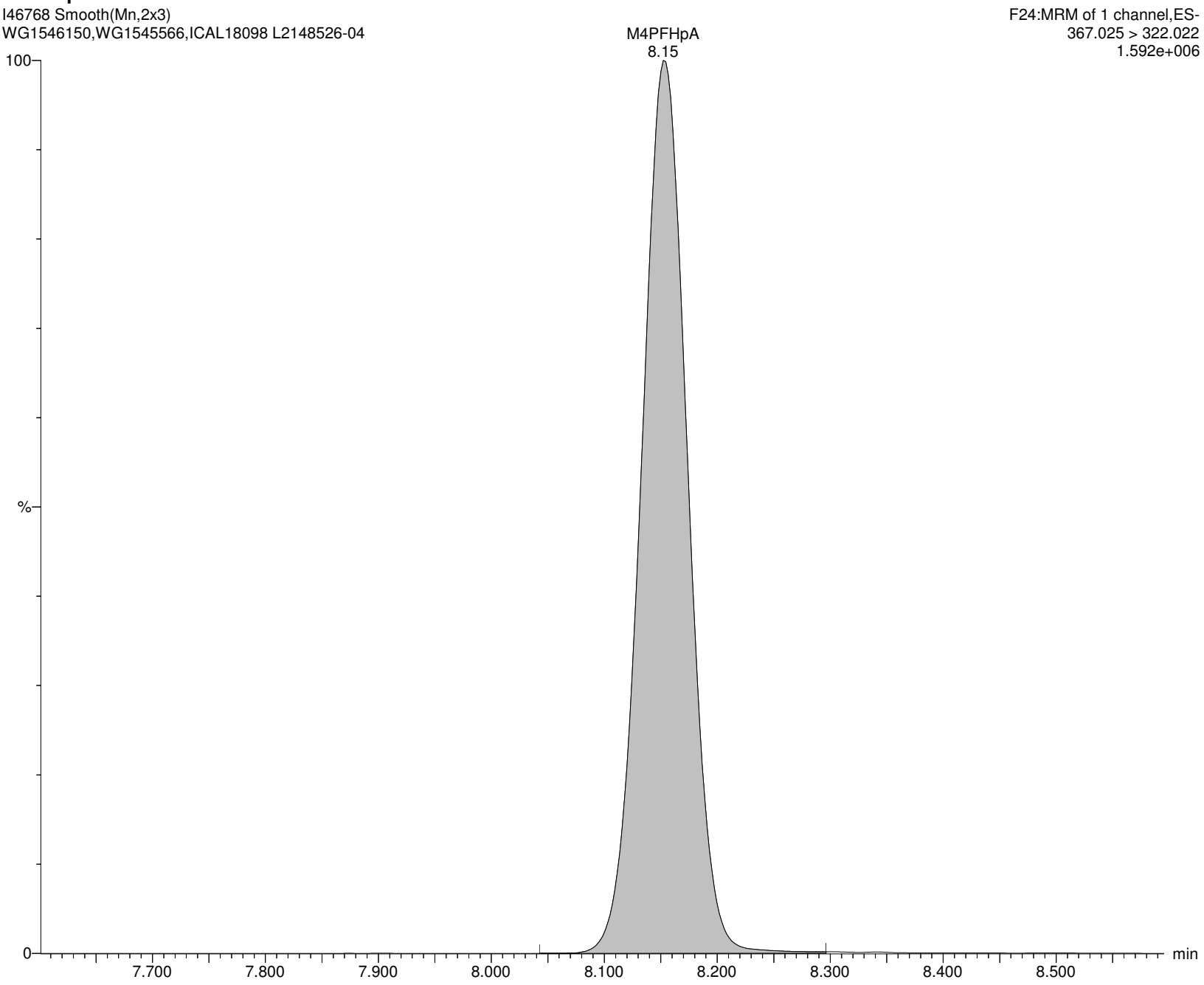


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:04 Eastern Daylight Time

Name: I46768
ID: L2148526-04
Date: 15-Sep-2021
Time: 06:15:28
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFHpA

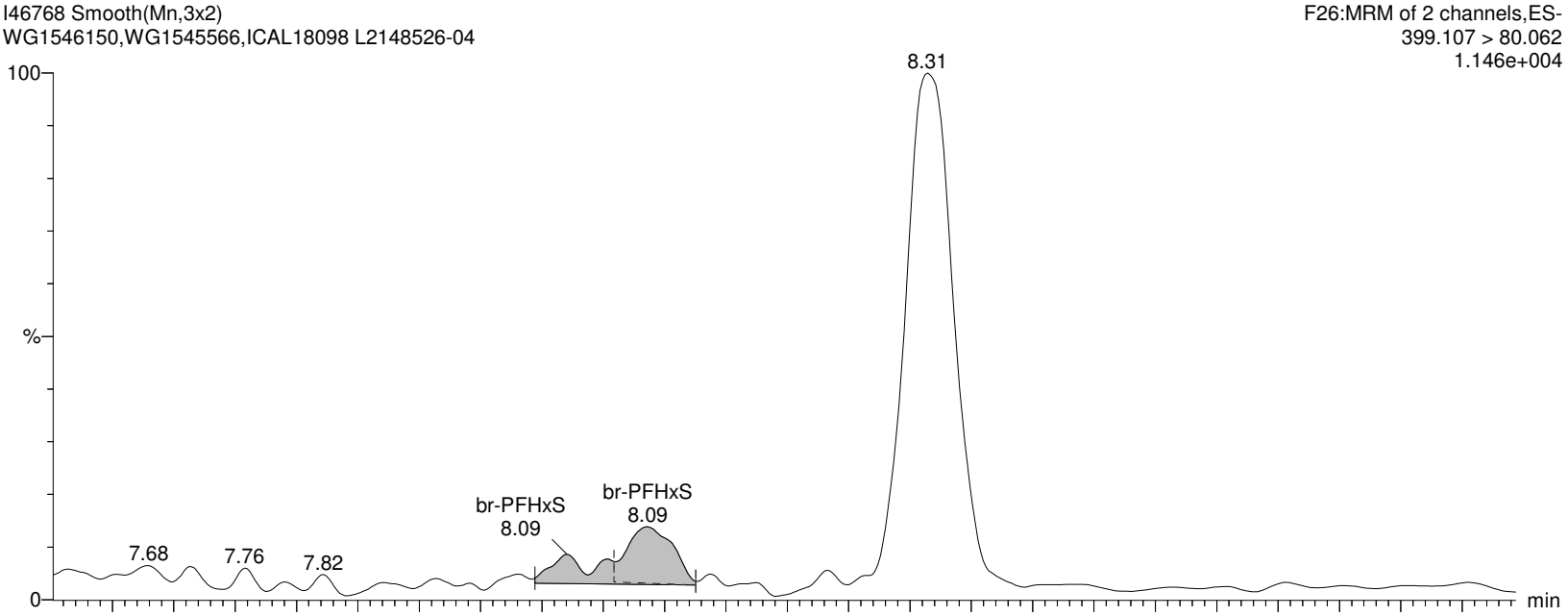


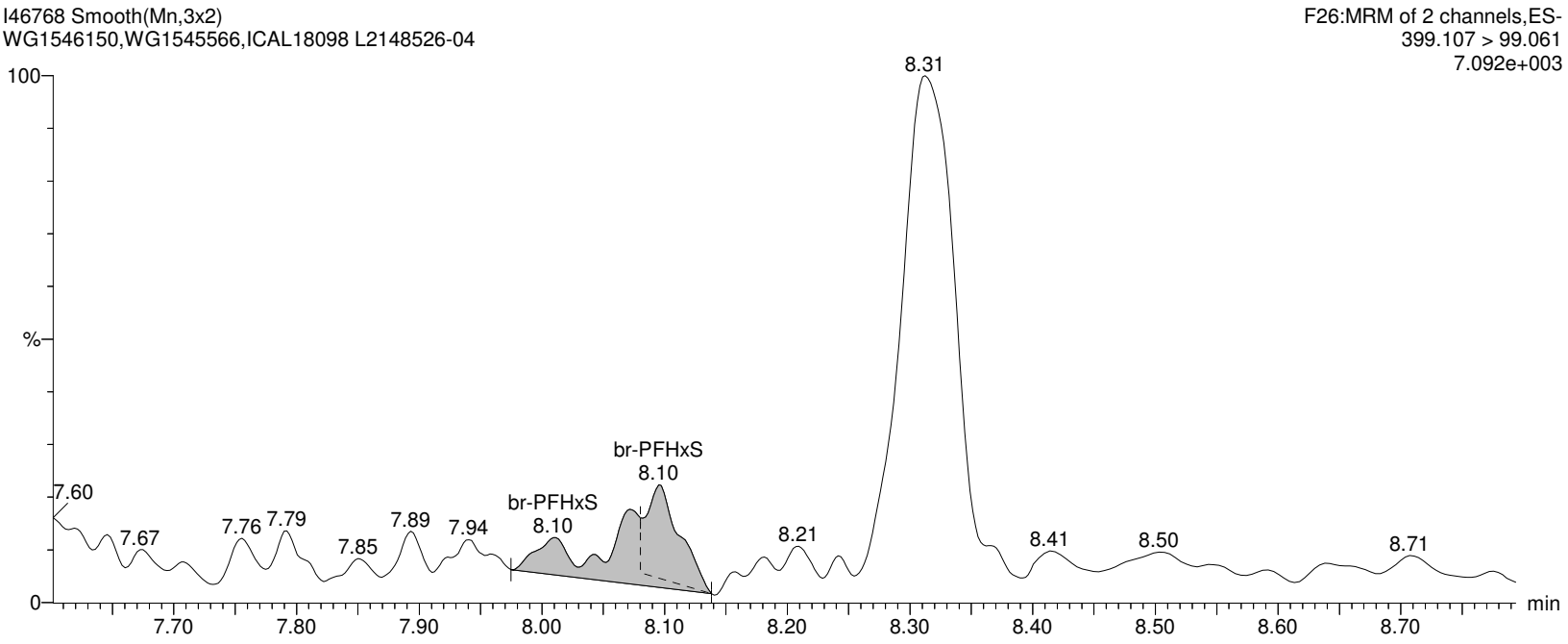
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:04 Eastern Daylight Time

Name: I46768
ID: L2148526-04
Date: 15-Sep-2021
Time: 06:15:28
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFHxS



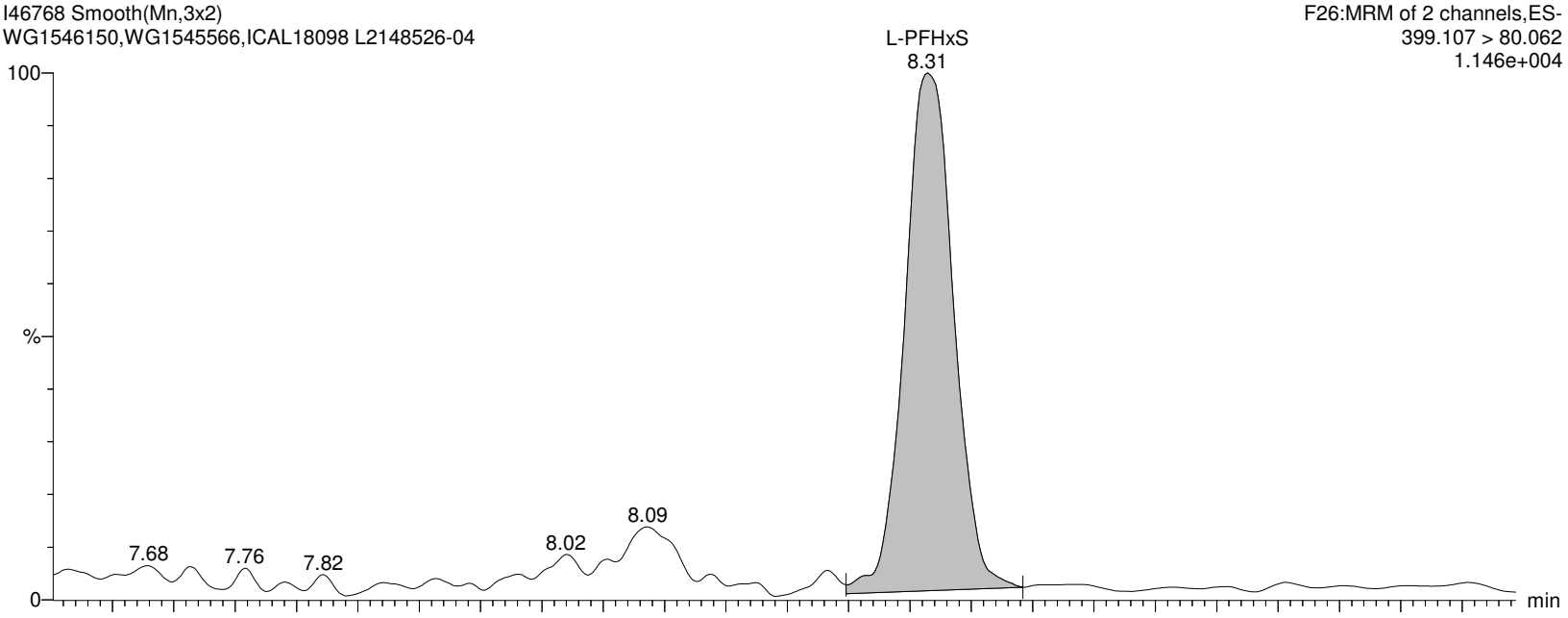


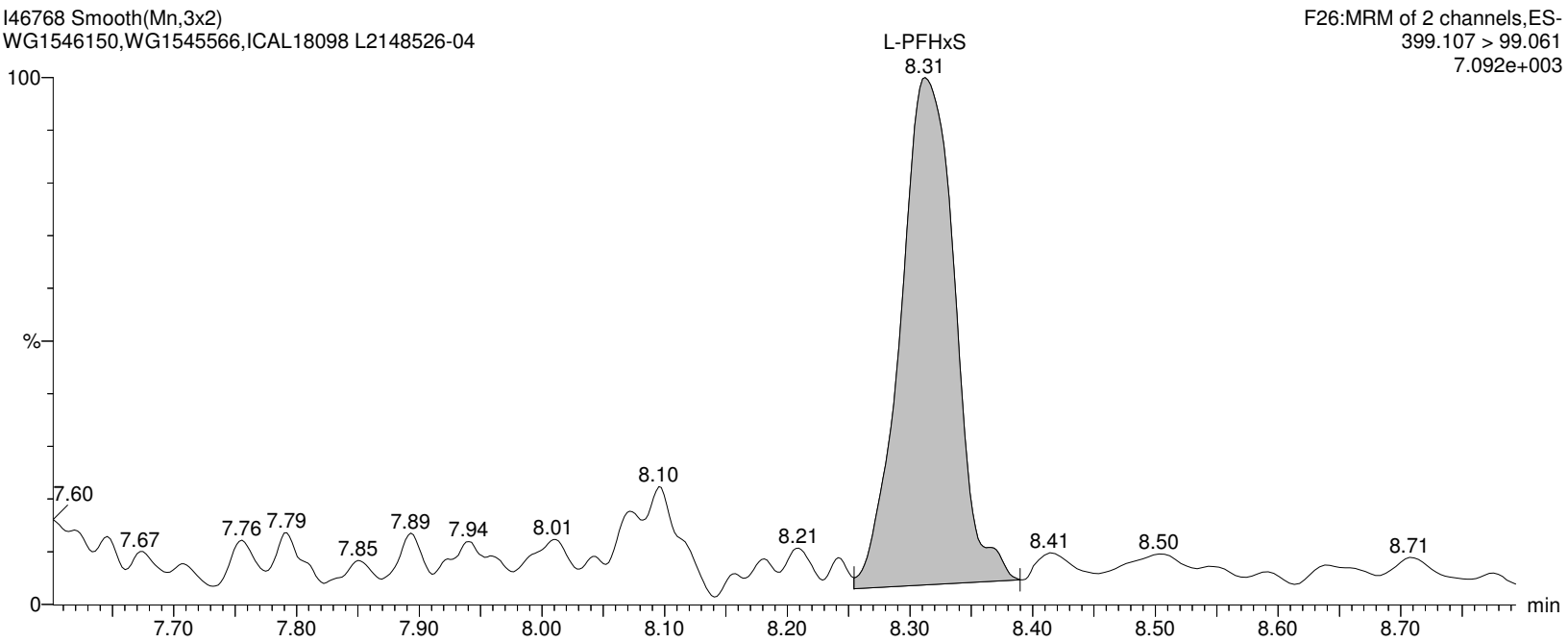
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:04 Eastern Daylight Time

Name: I46768
ID: L2148526-04
Date: 15-Sep-2021
Time: 06:15:28
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFHxS



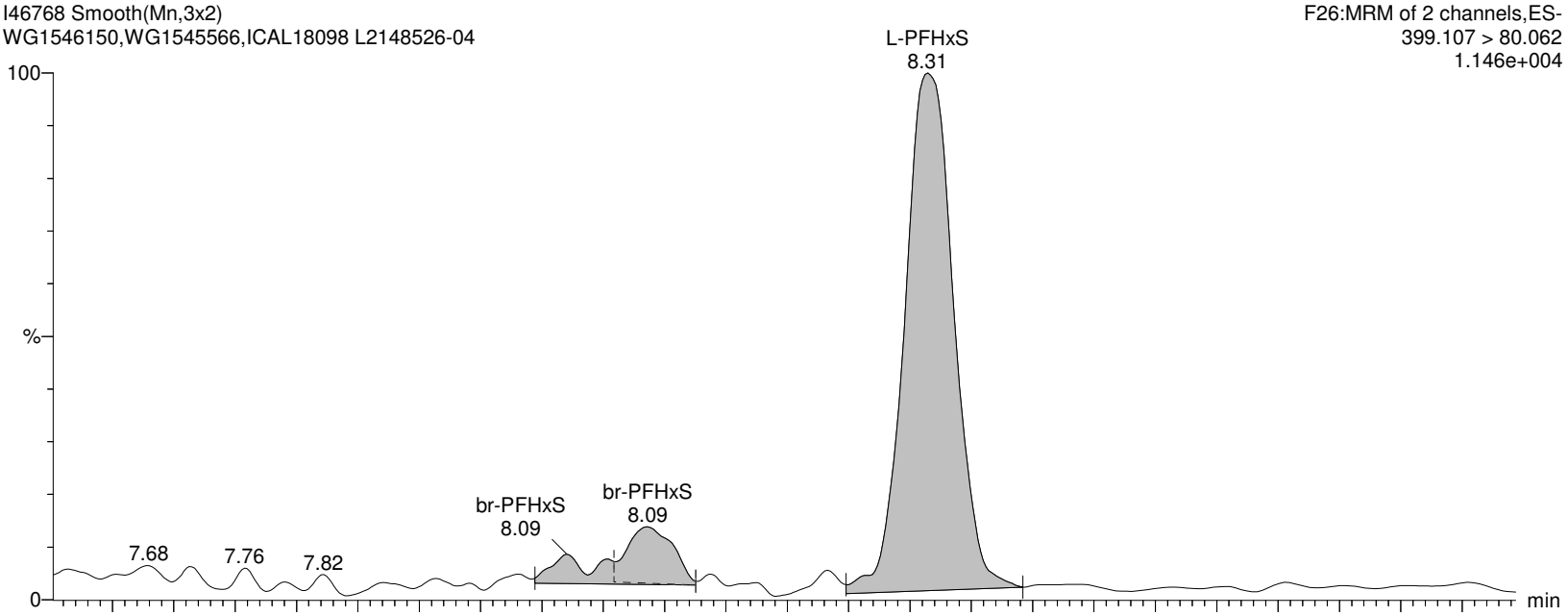


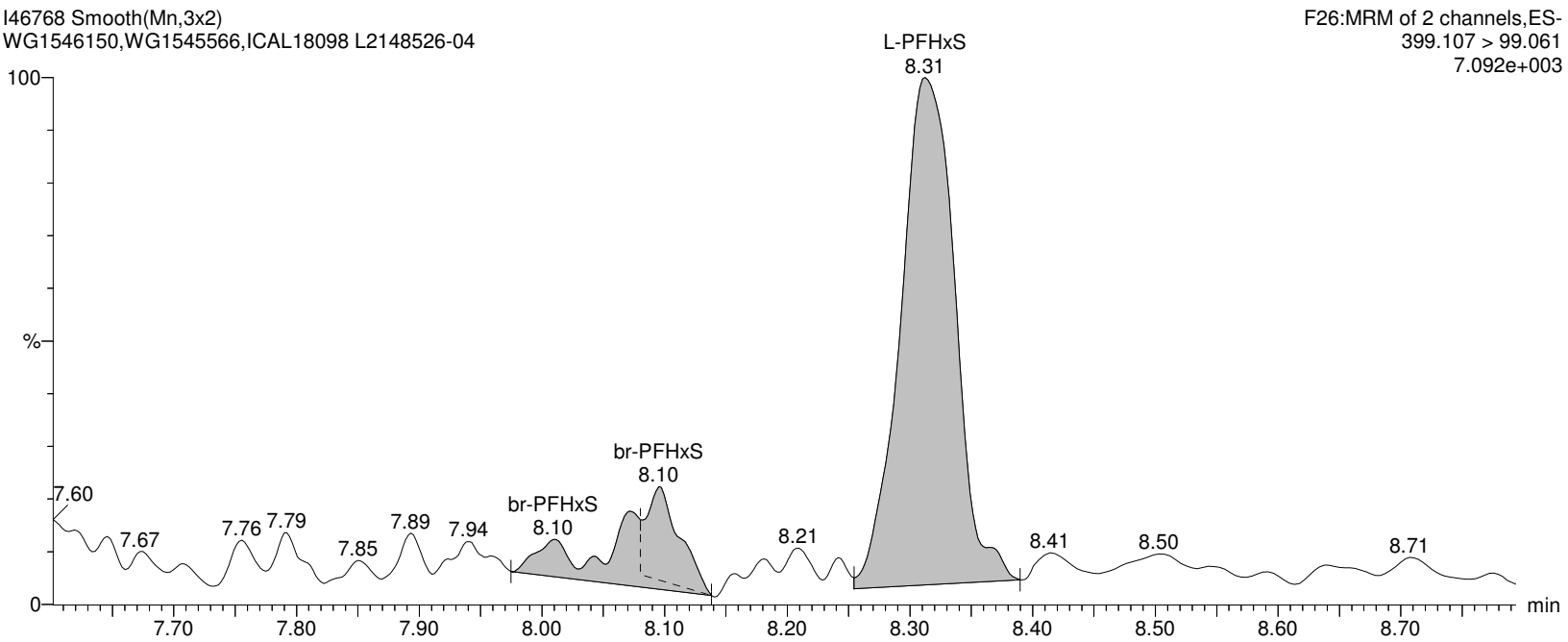
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:04 Eastern Daylight Time

Name: I46768
ID: L2148526-04
Date: 15-Sep-2021
Time: 06:15:28
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxS



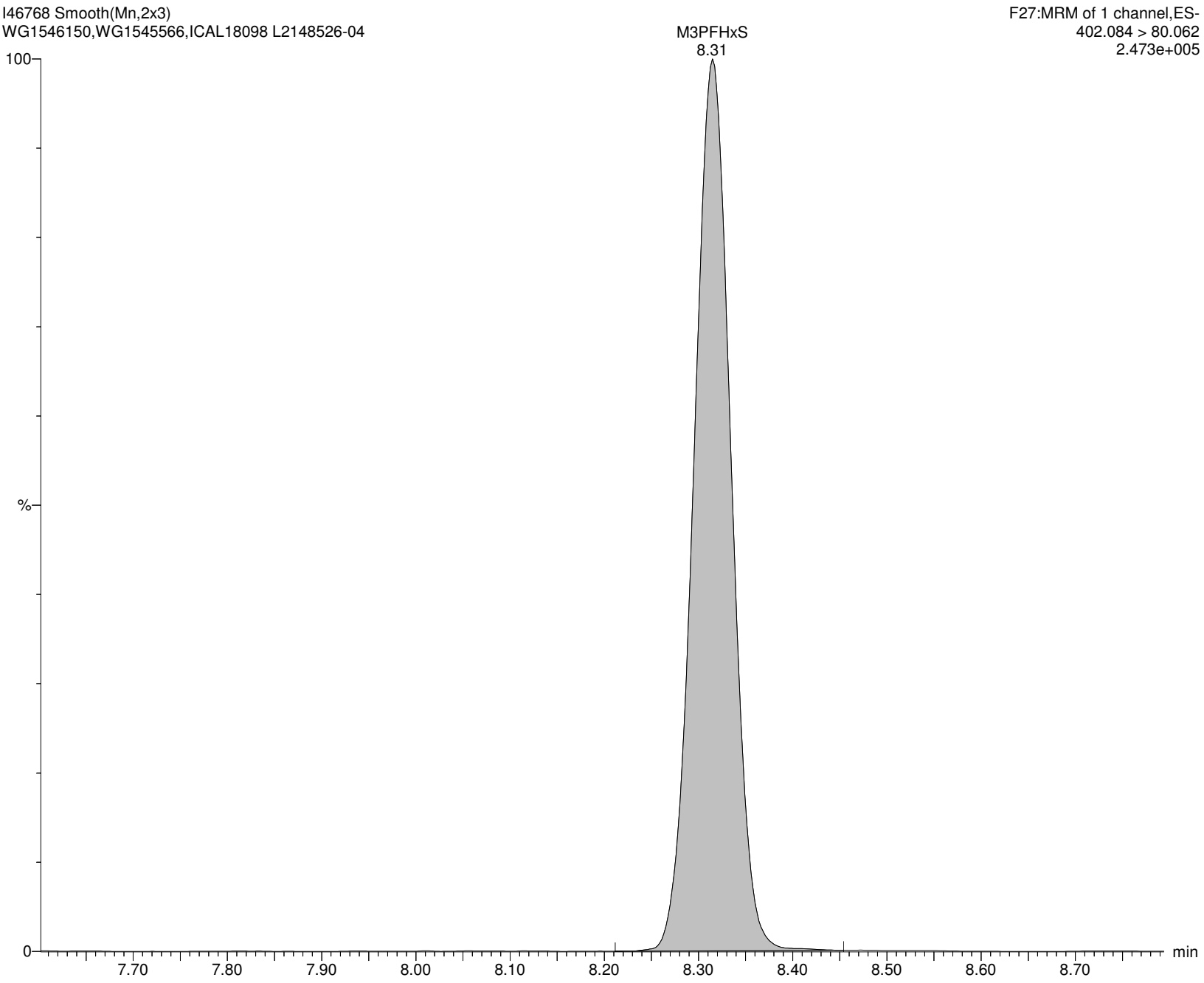


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:04 Eastern Daylight Time

Name: I46768
ID: L2148526-04
Date: 15-Sep-2021
Time: 06:15:28
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFHxS

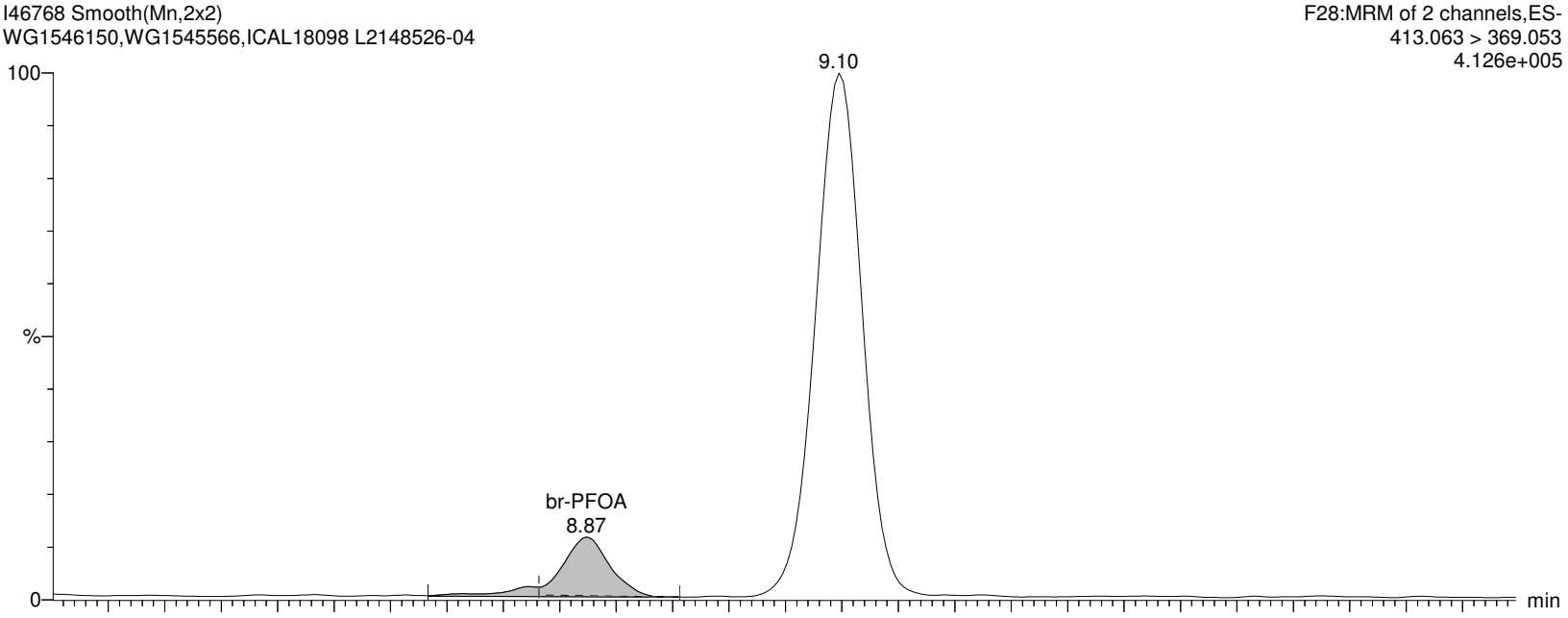


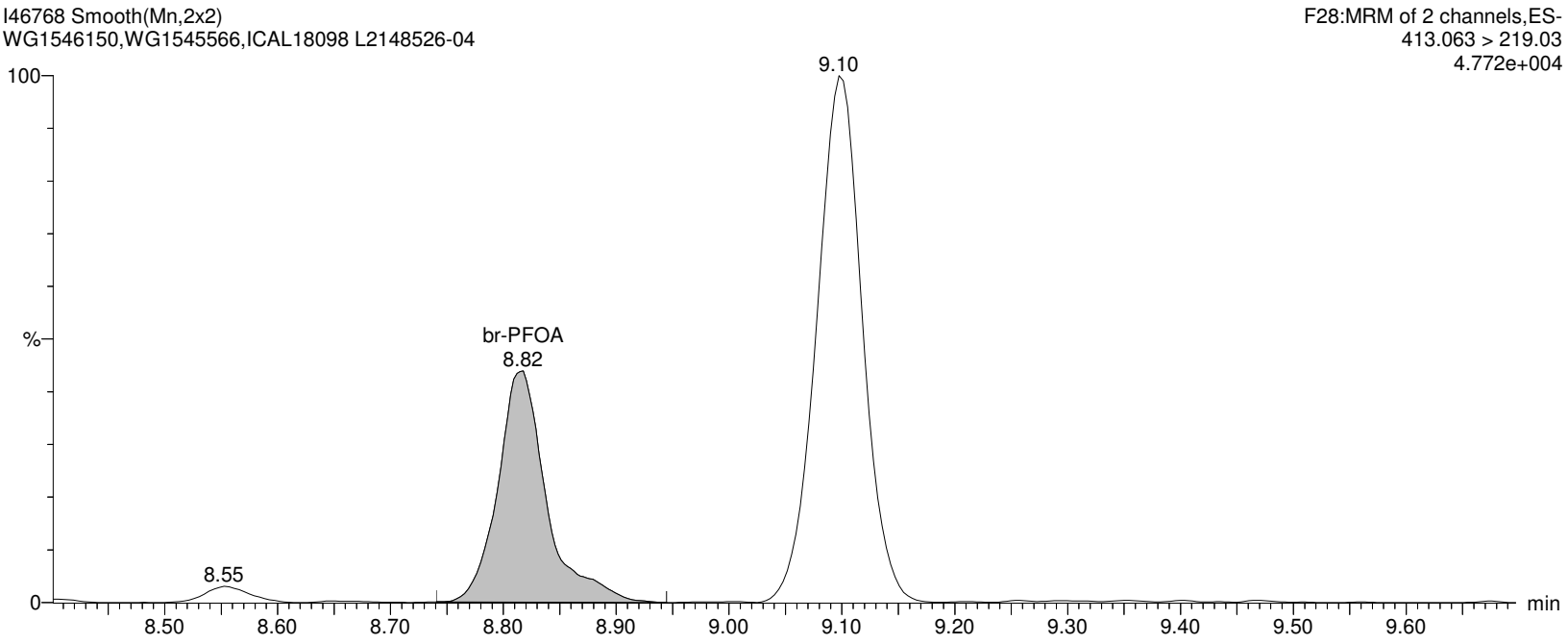
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:04 Eastern Daylight Time

Name: I46768
ID: L2148526-04
Date: 15-Sep-2021
Time: 06:15:28
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOA



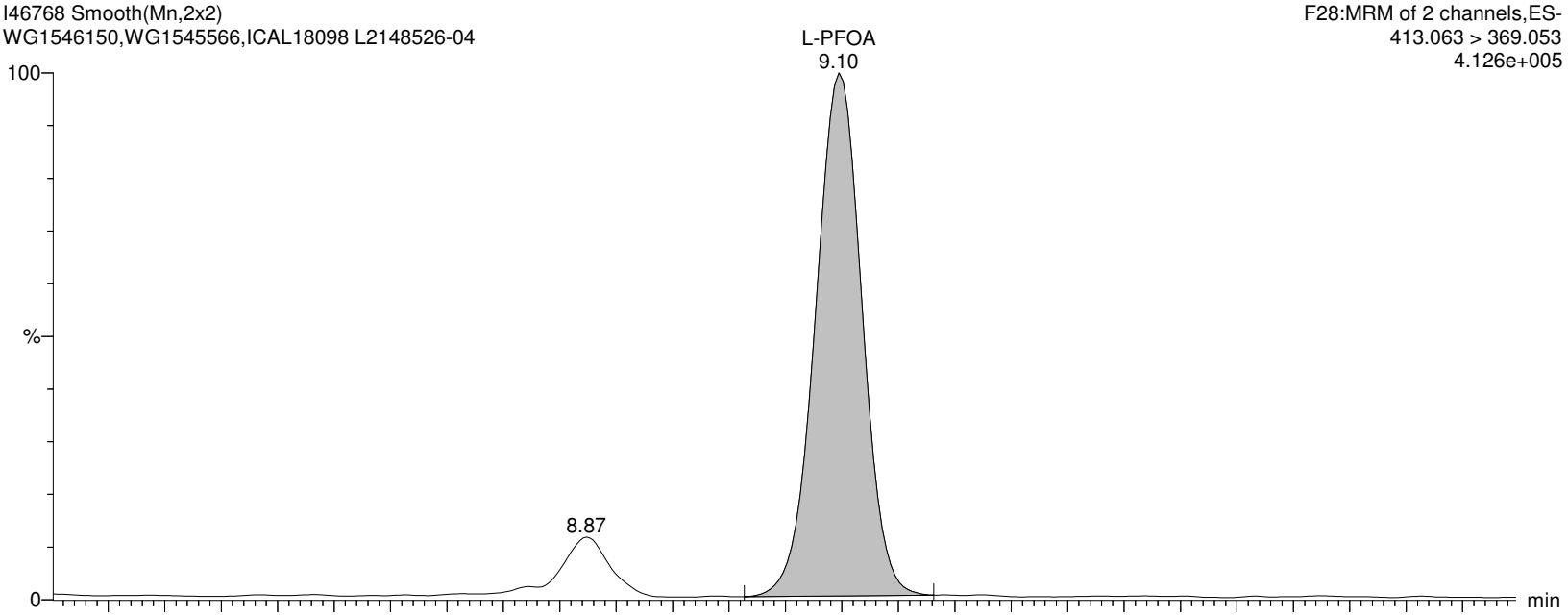


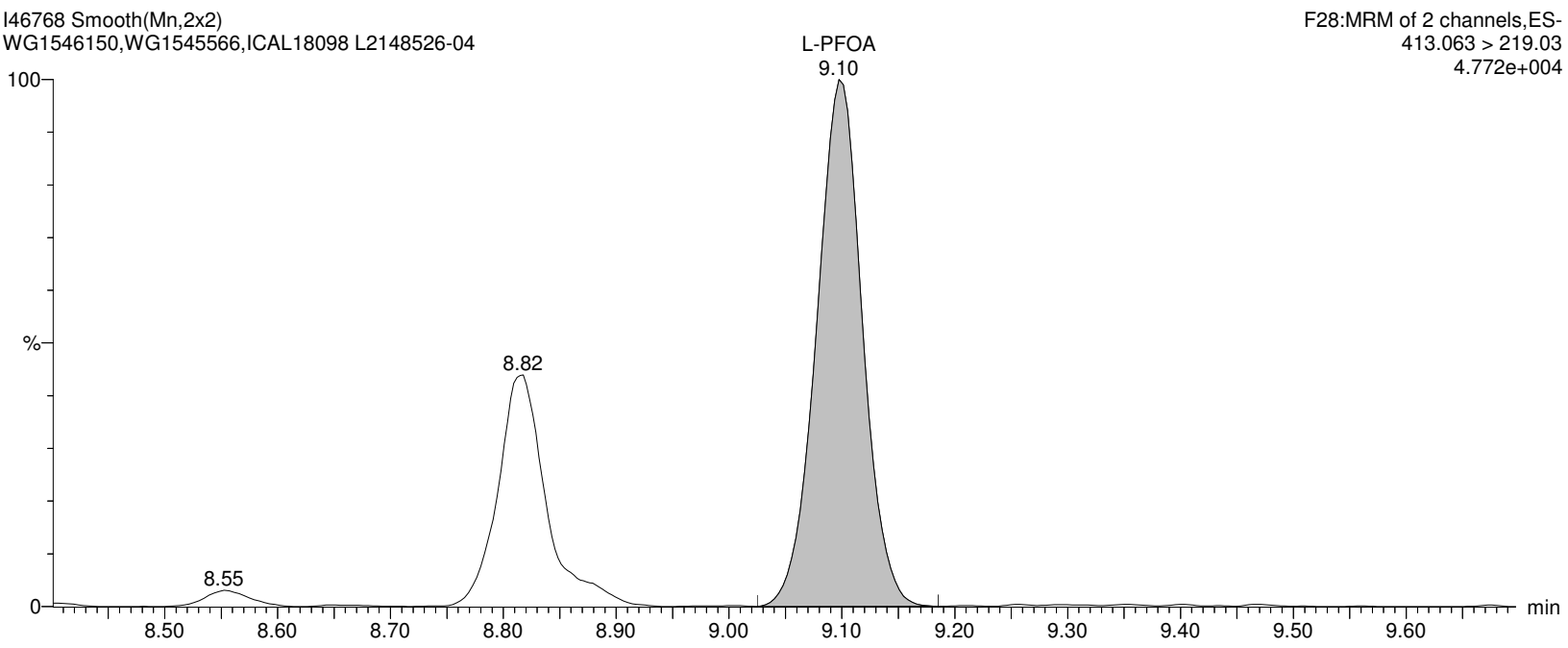
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:04 Eastern Daylight Time

Name: I46768
ID: L2148526-04
Date: 15-Sep-2021
Time: 06:15:28
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOA



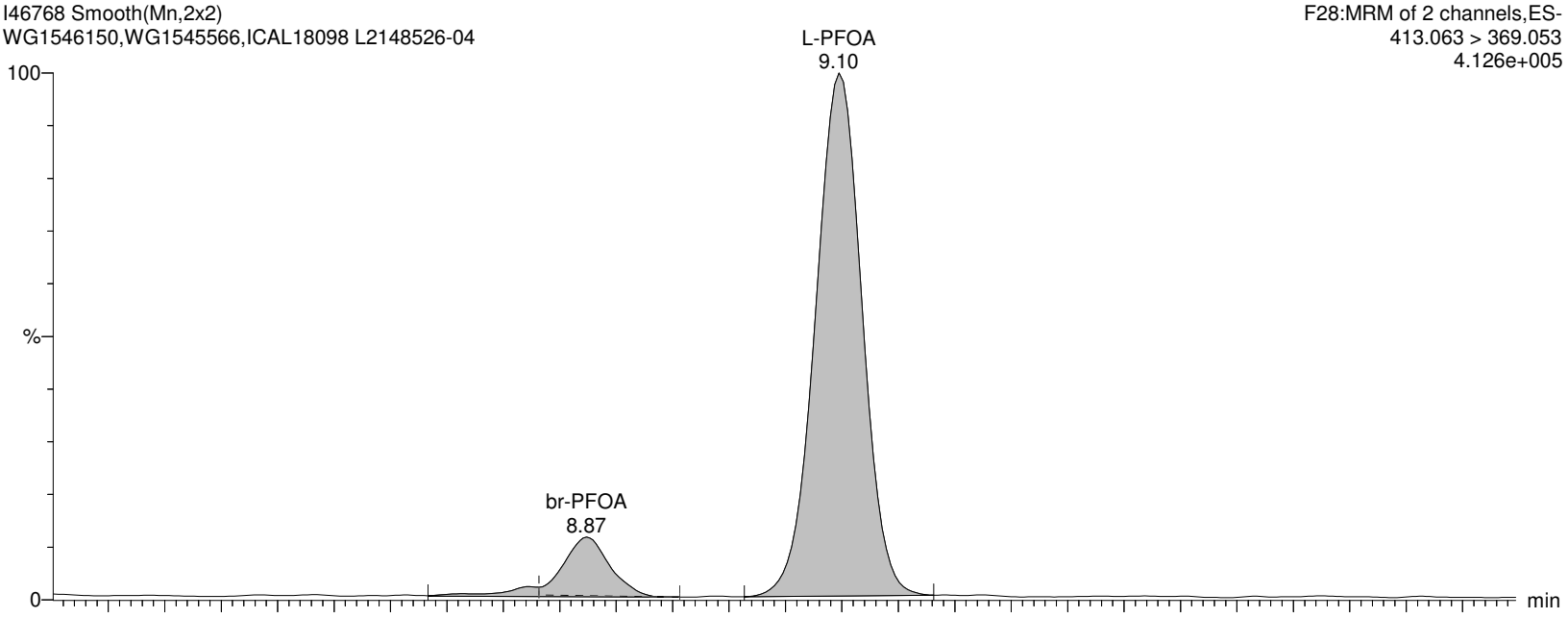


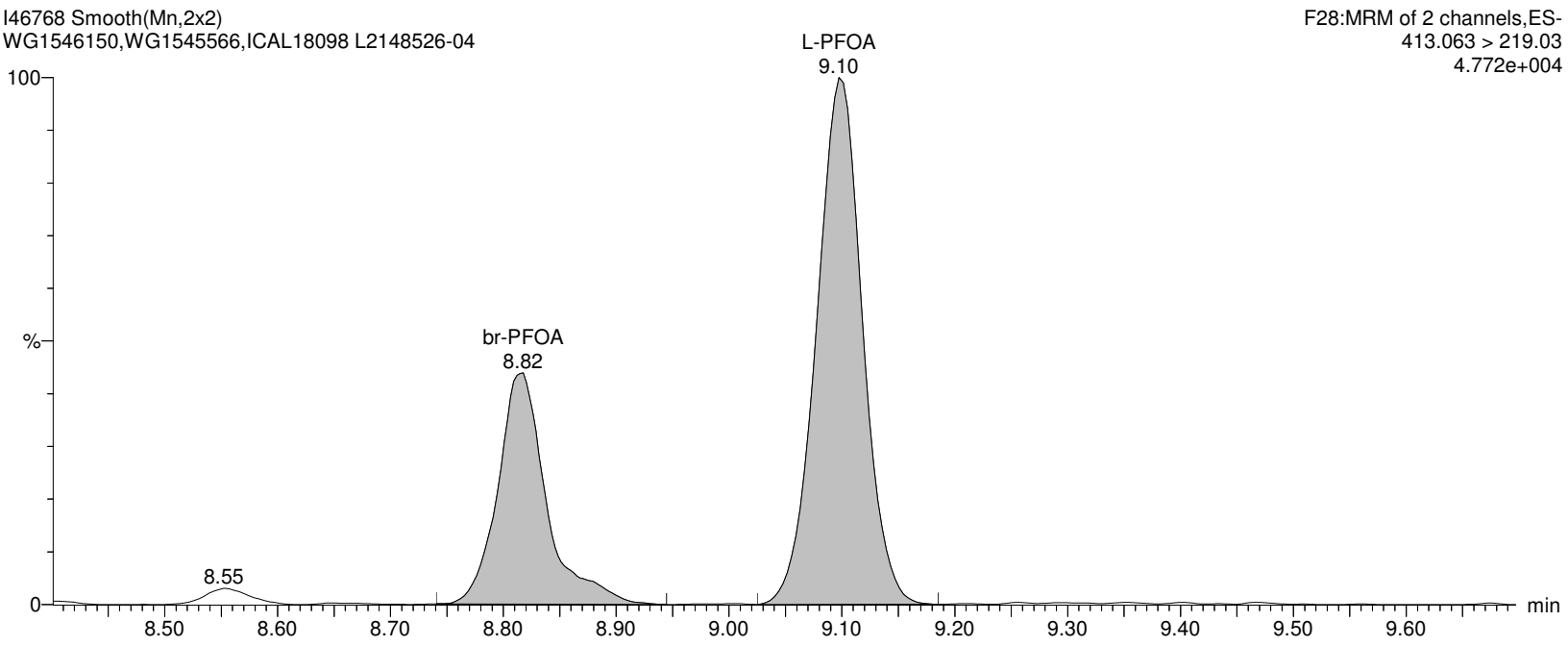
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:04 Eastern Daylight Time

Name: I46768
ID: L2148526-04
Date: 15-Sep-2021
Time: 06:15:28
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOA



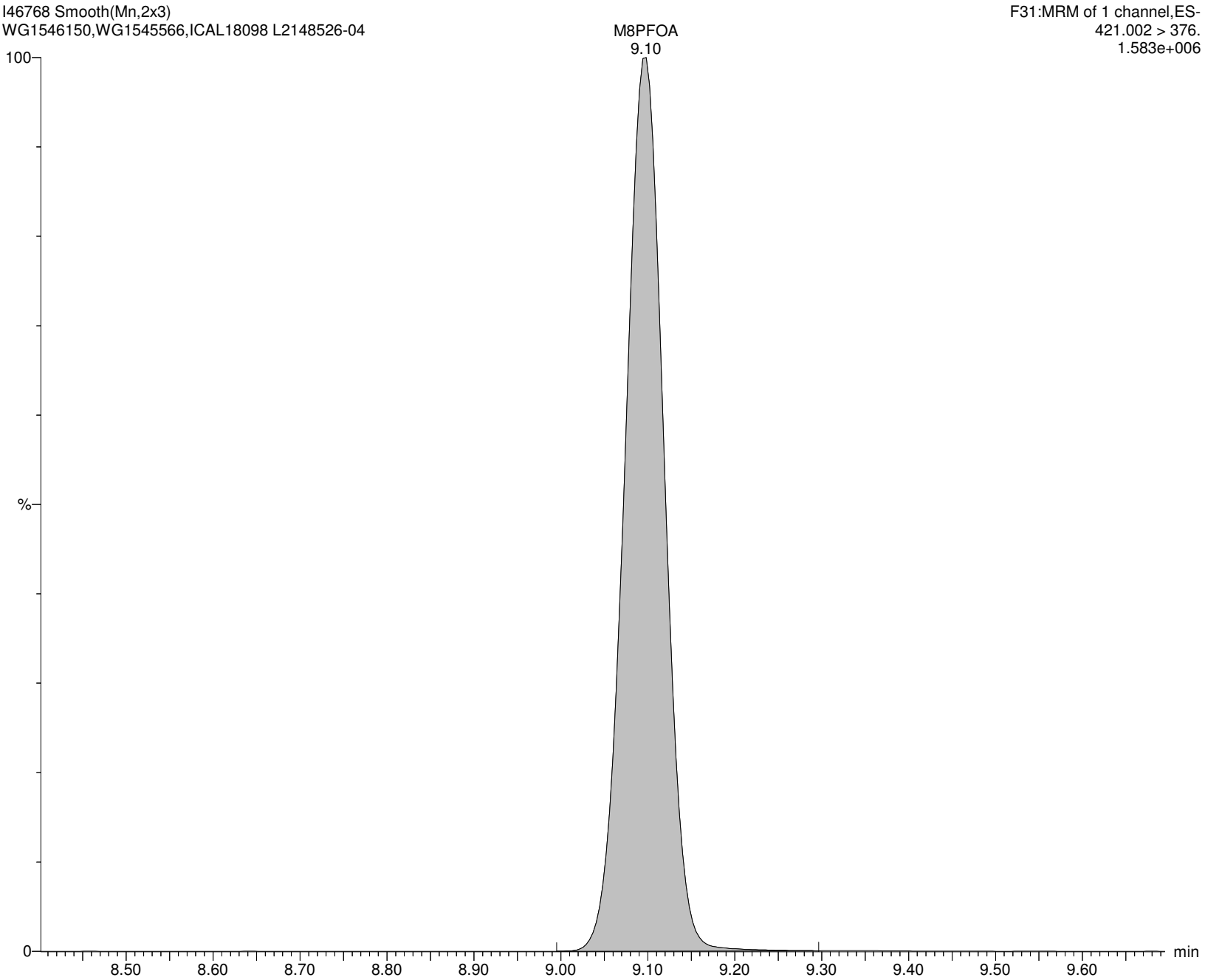


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:04 Eastern Daylight Time

Name: I46768
ID: L2148526-04
Date: 15-Sep-2021
Time: 06:15:28
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOA

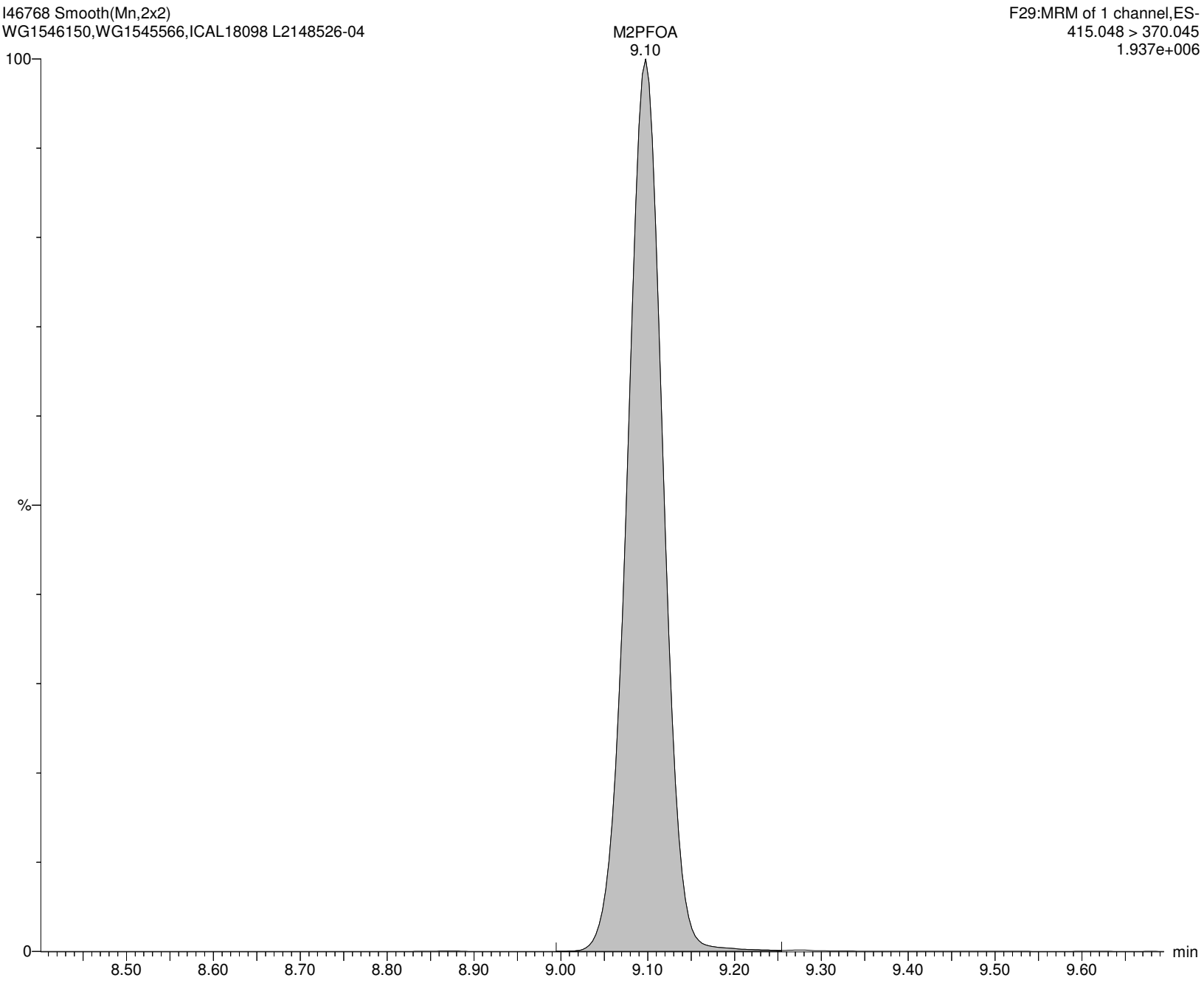


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:04 Eastern Daylight Time

Name: I46768
ID: L2148526-04
Date: 15-Sep-2021
Time: 06:15:28
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFOA

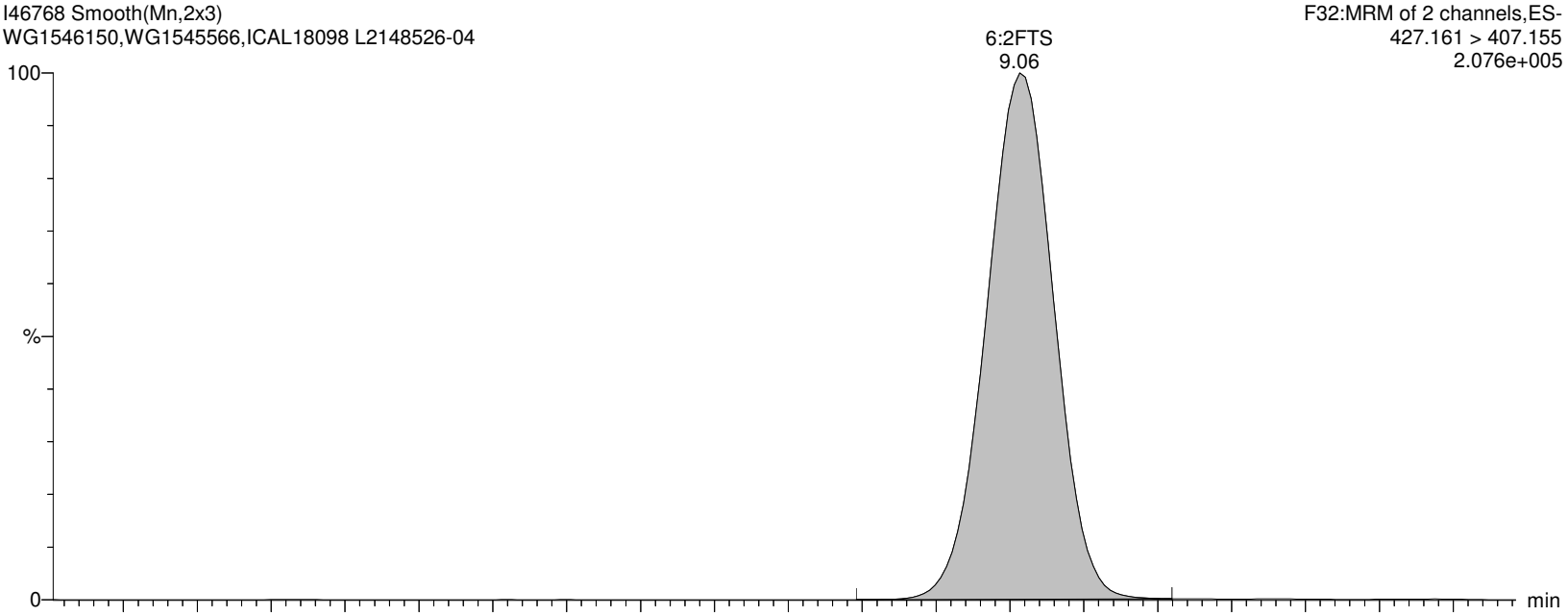


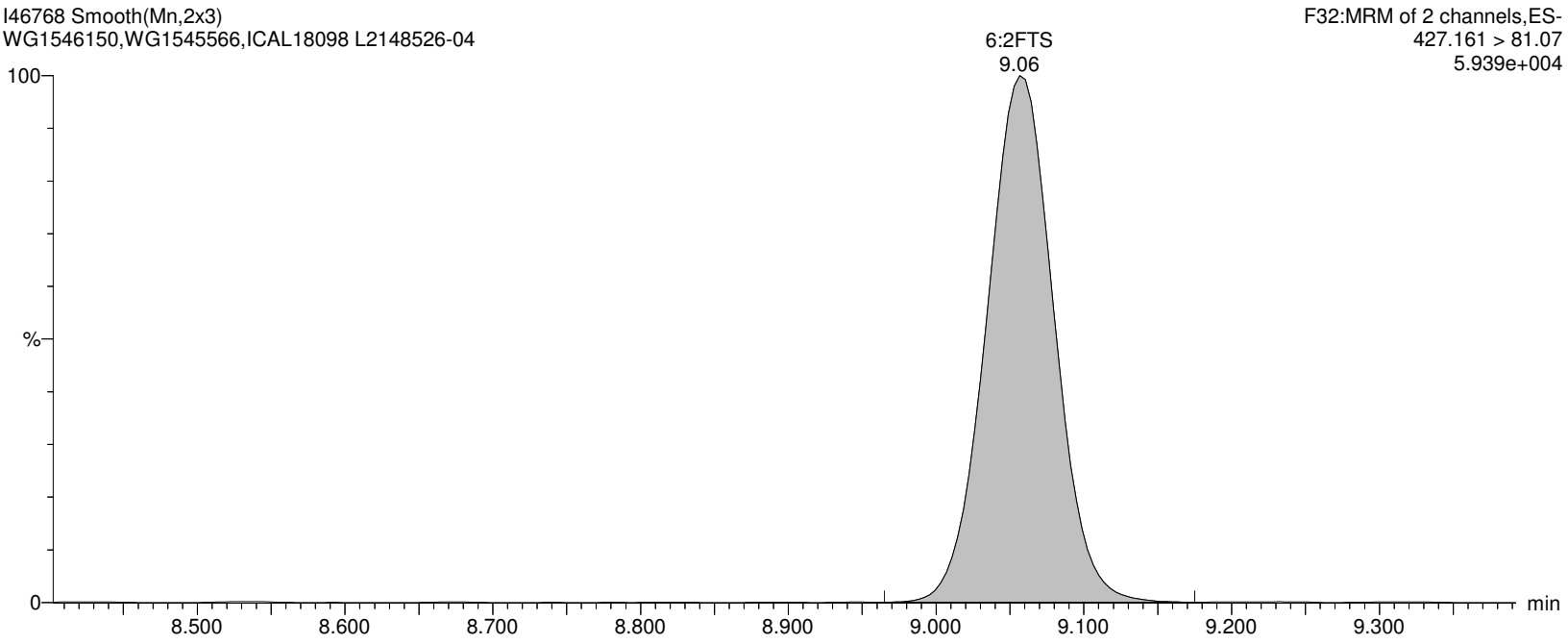
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:04 Eastern Daylight Time

Name: I46768
ID: L2148526-04
Date: 15-Sep-2021
Time: 06:15:28
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

6:2FTS



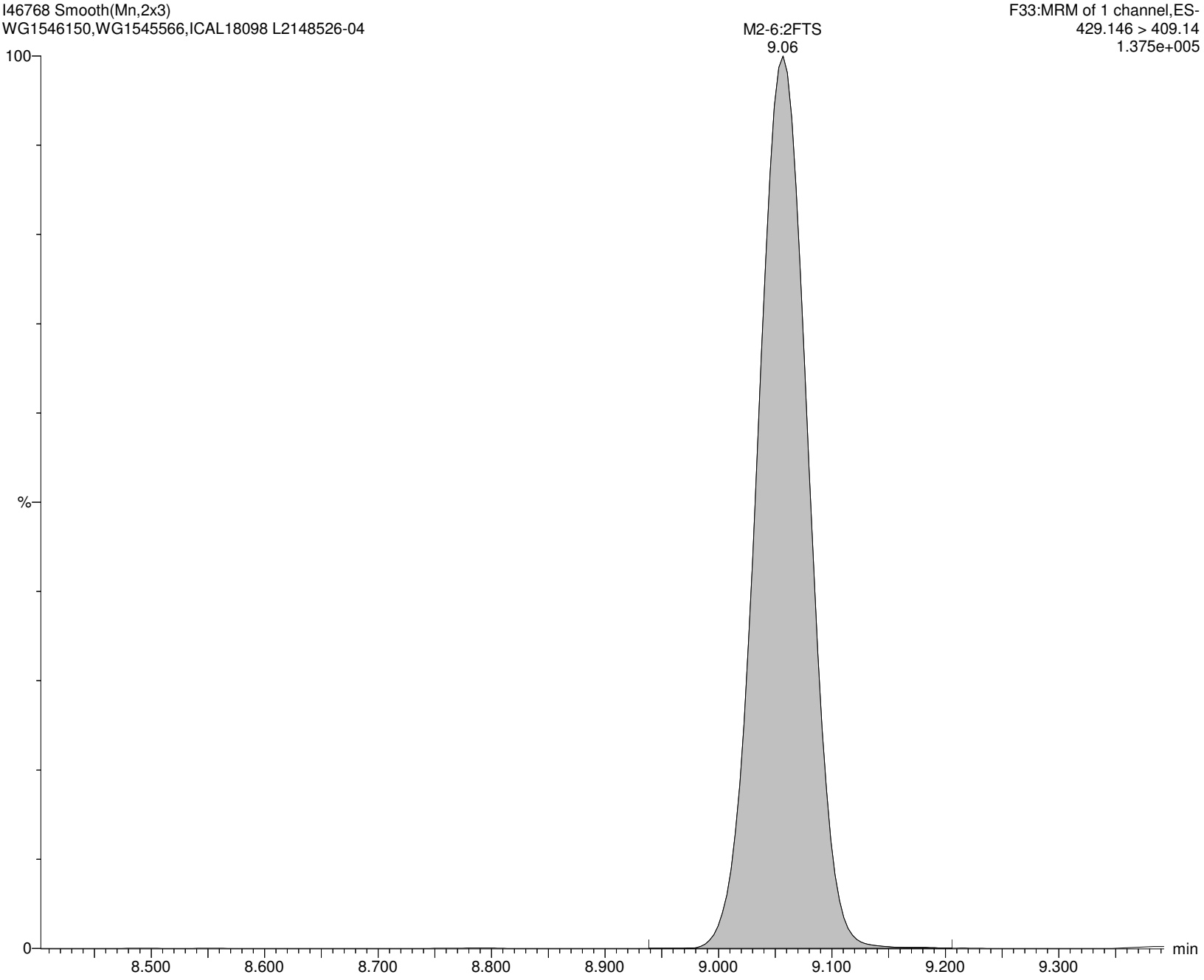


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:04 Eastern Daylight Time

Name: I46768
ID: L2148526-04
Date: 15-Sep-2021
Time: 06:15:28
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-6:2FTS

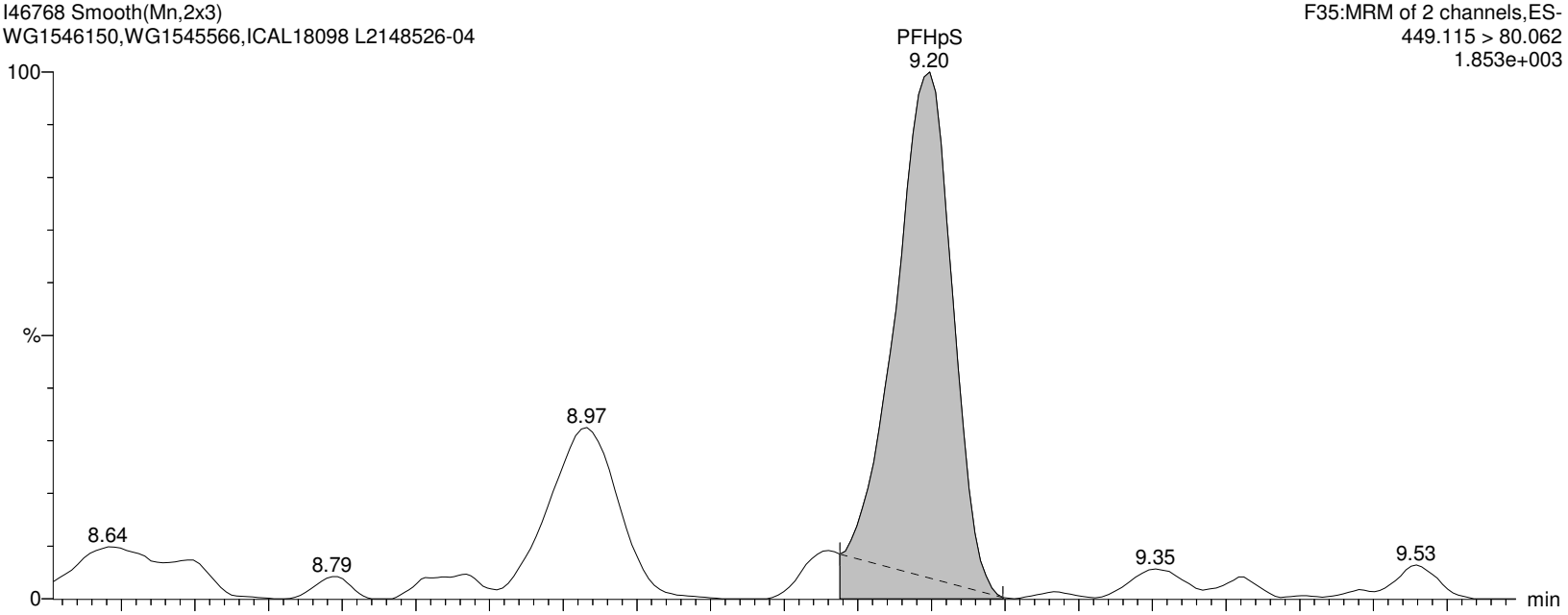


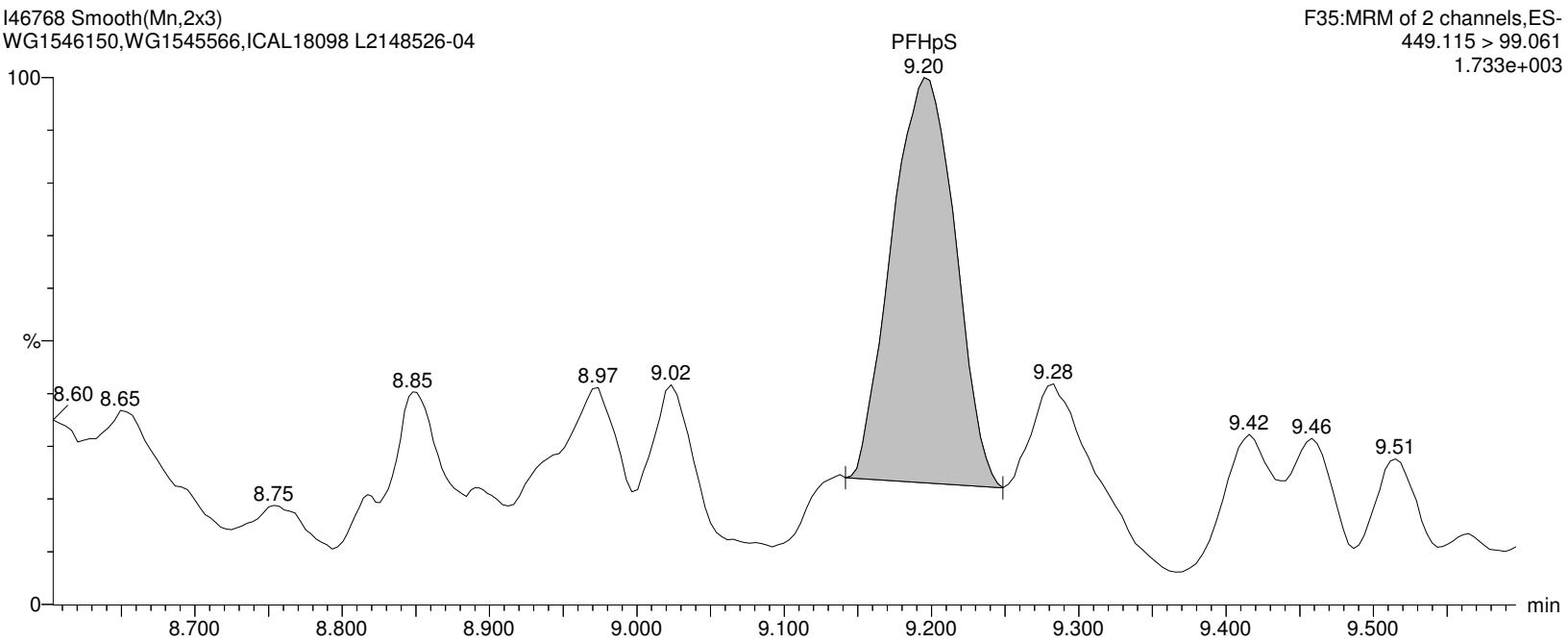
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:04 Eastern Daylight Time

Name: I46768
ID: L2148526-04
Date: 15-Sep-2021
Time: 06:15:28
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpS



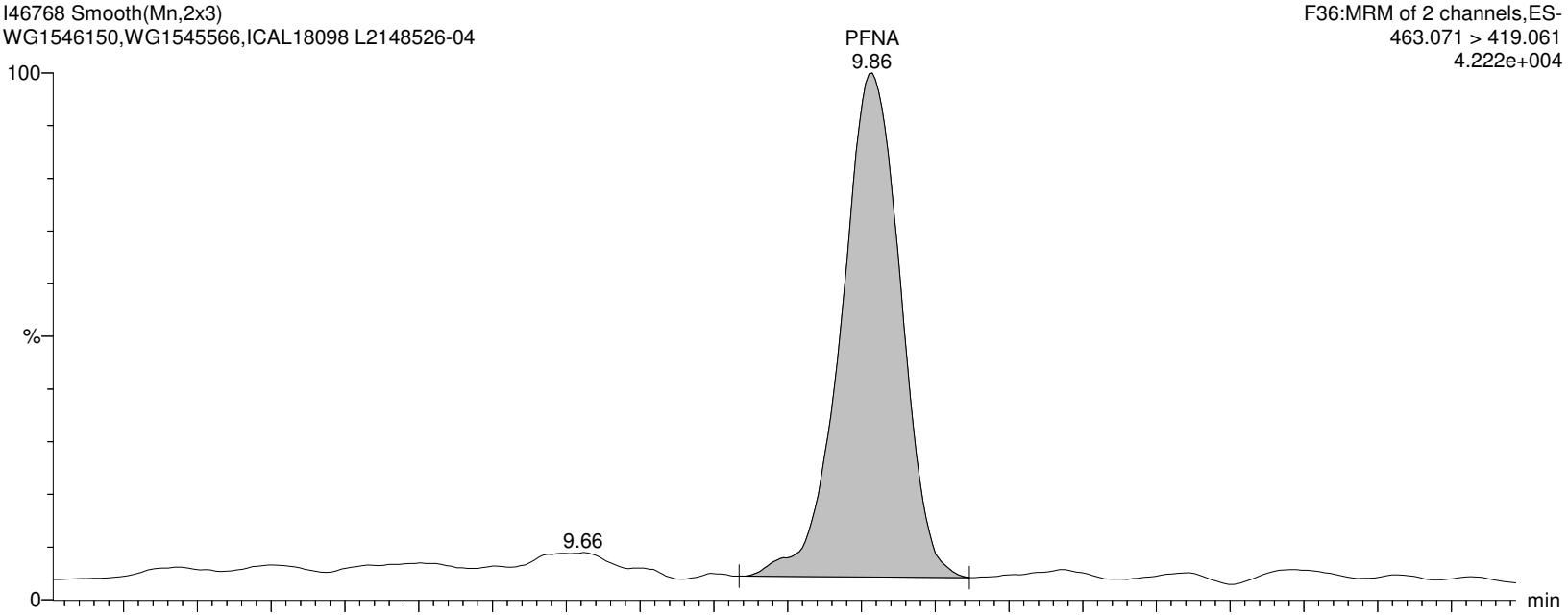


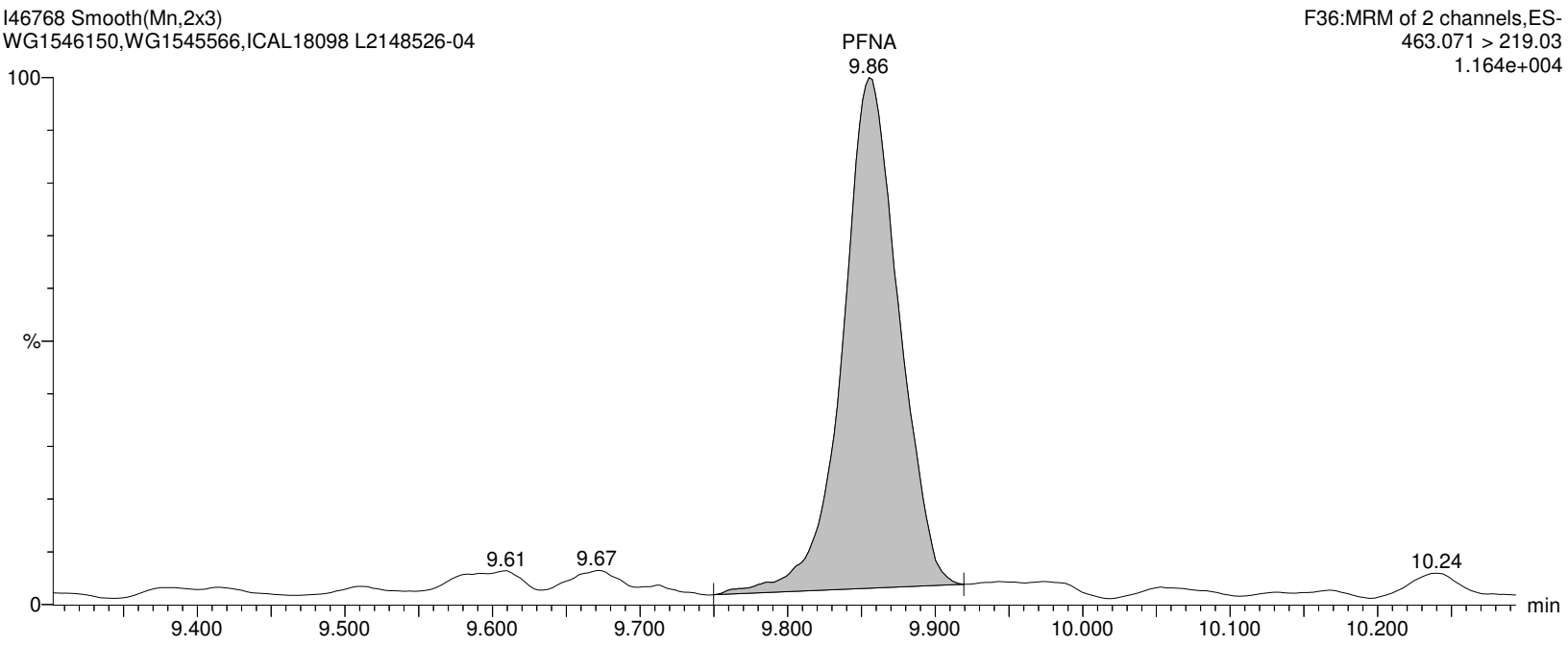
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:04 Eastern Daylight Time

Name: I46768
ID: L2148526-04
Date: 15-Sep-2021
Time: 06:15:28
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNA



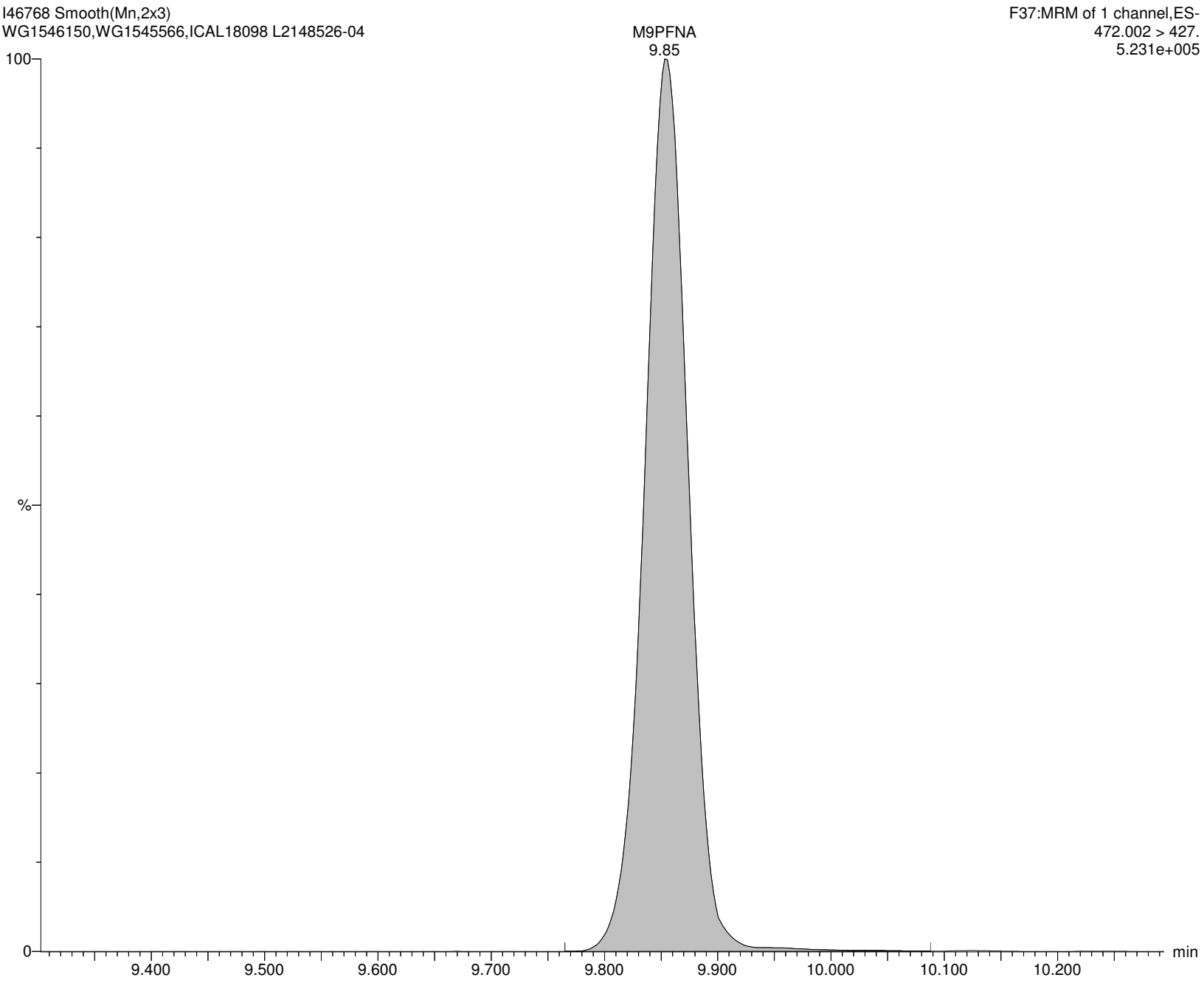


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:04 Eastern Daylight Time

Name: I46768
ID: L2148526-04
Date: 15-Sep-2021
Time: 06:15:28
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M9PFNA

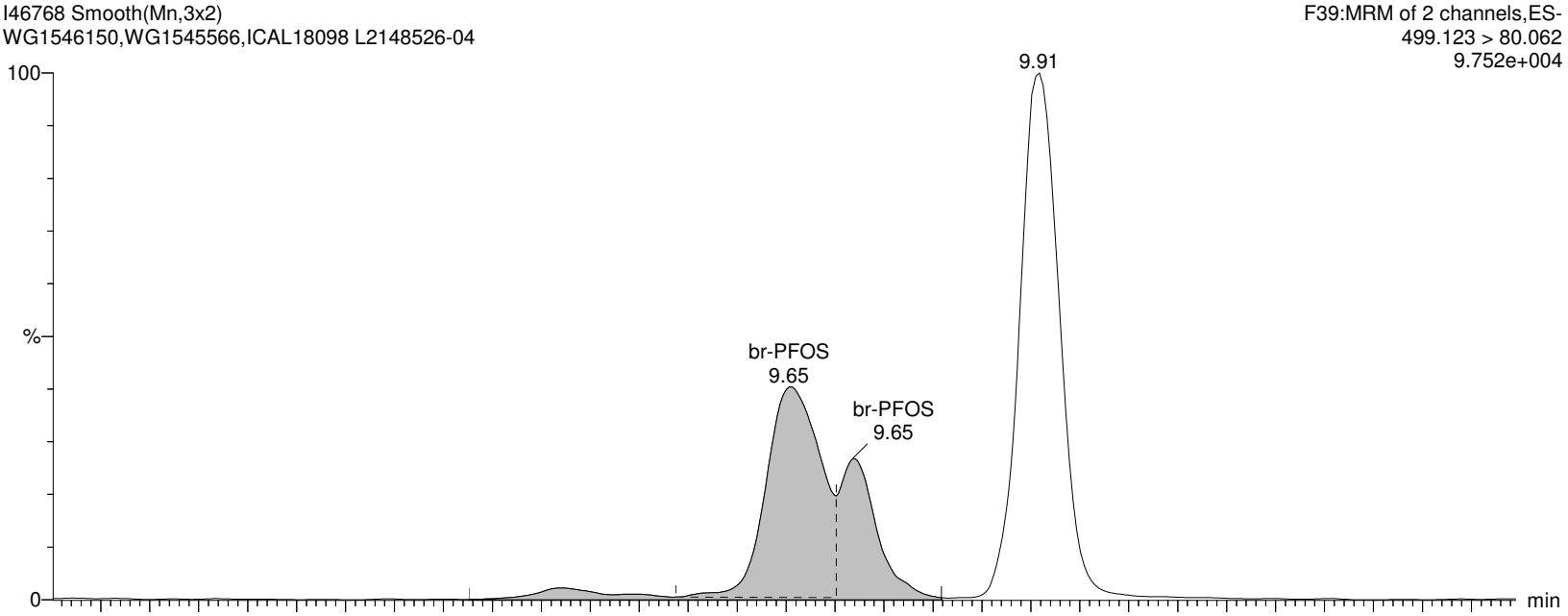


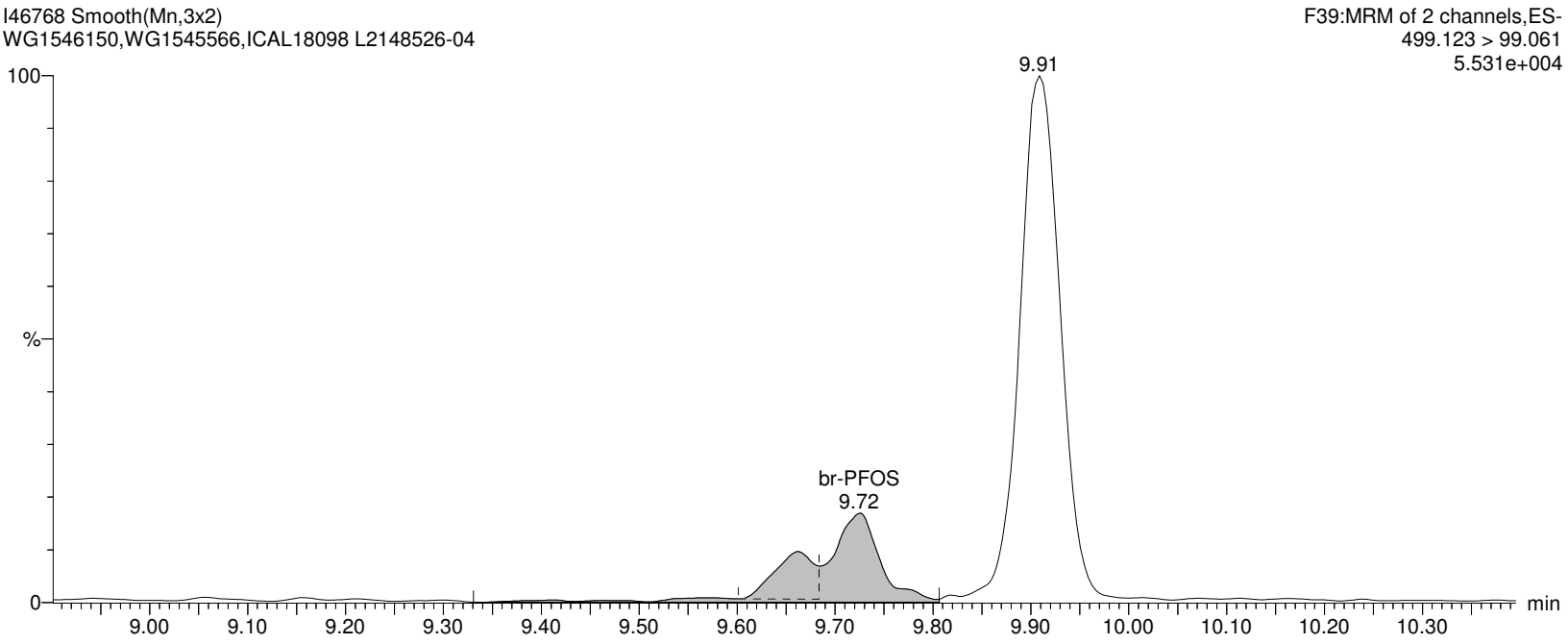
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:04 Eastern Daylight Time

Name: I46768
ID: L2148526-04
Date: 15-Sep-2021
Time: 06:15:28
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOS



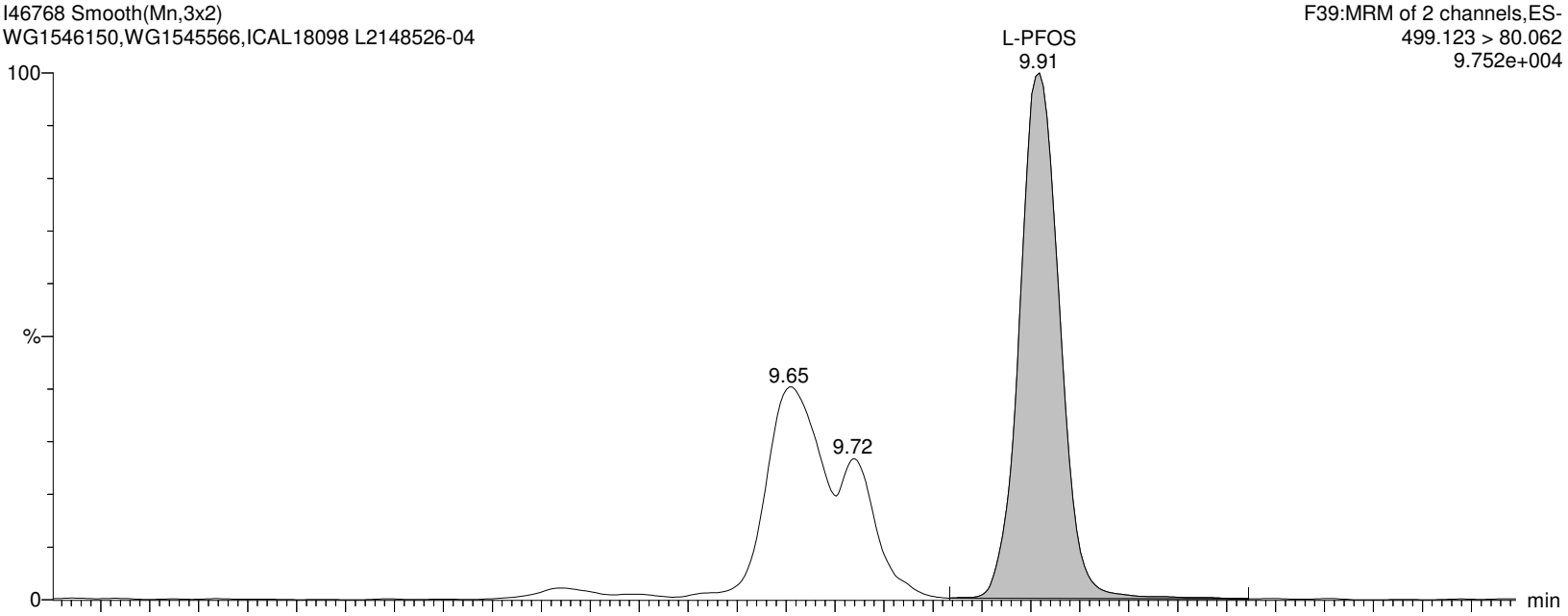


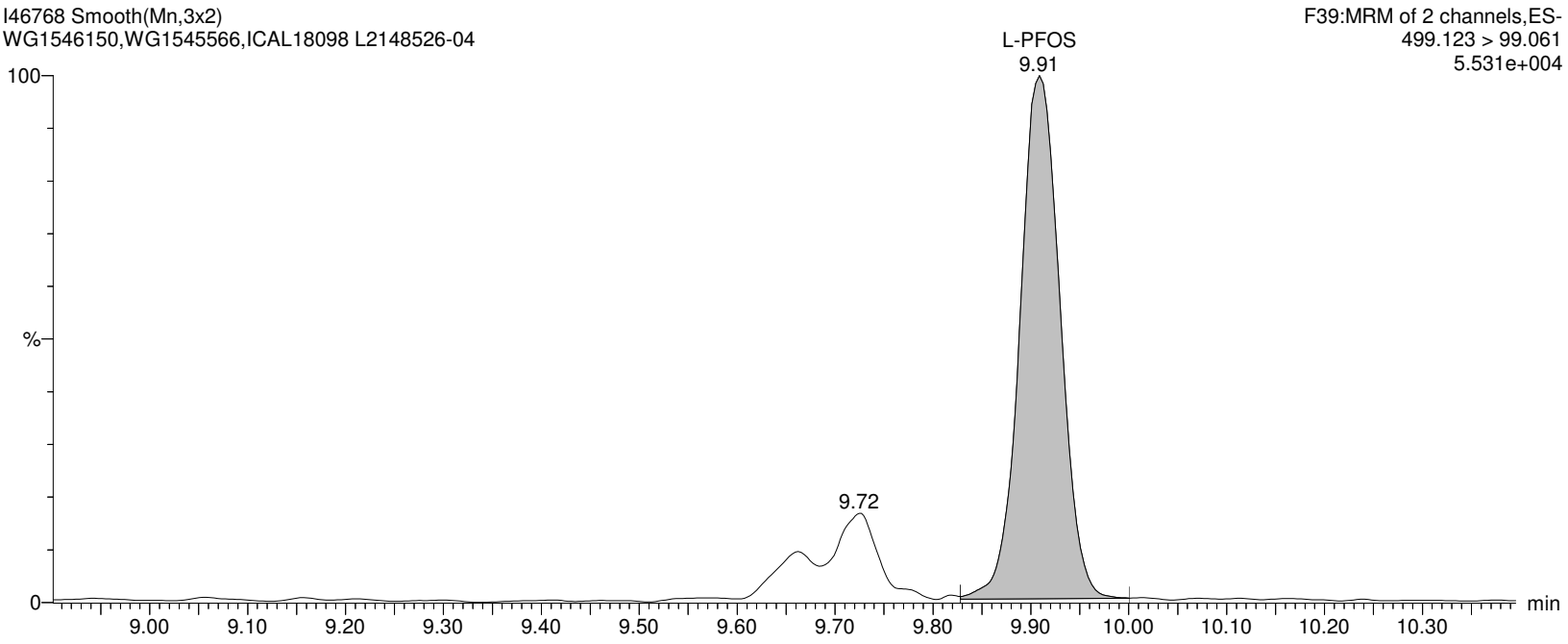
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:04 Eastern Daylight Time

Name: I46768
ID: L2148526-04
Date: 15-Sep-2021
Time: 06:15:28
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOS



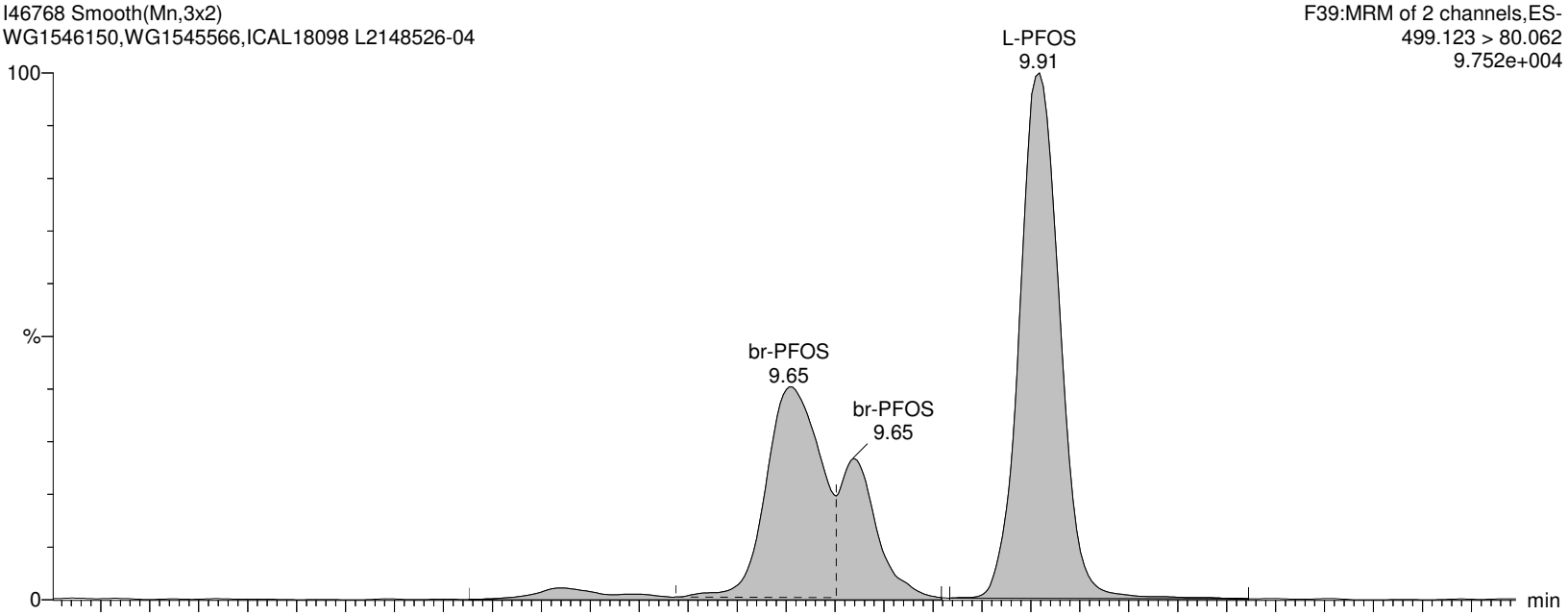


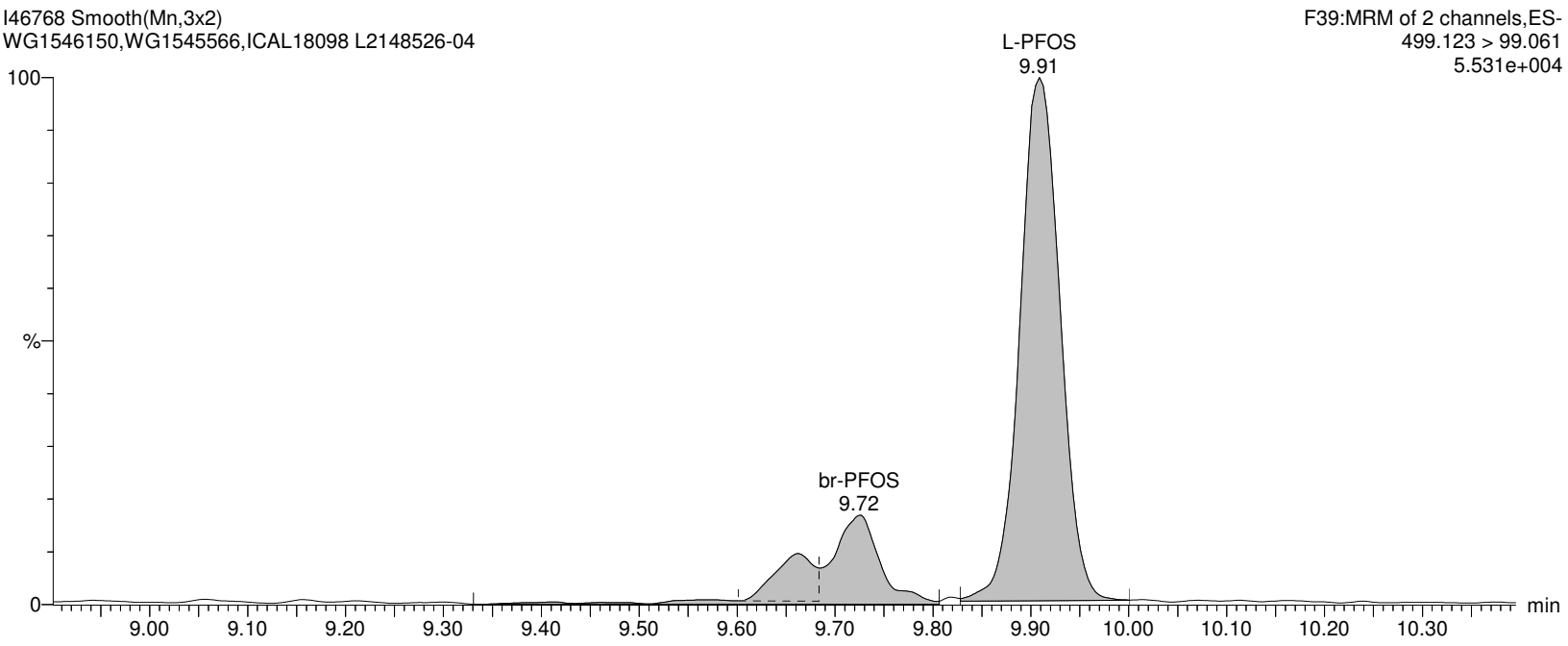
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:04 Eastern Daylight Time

Name: I46768
ID: L2148526-04
Date: 15-Sep-2021
Time: 06:15:28
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOS



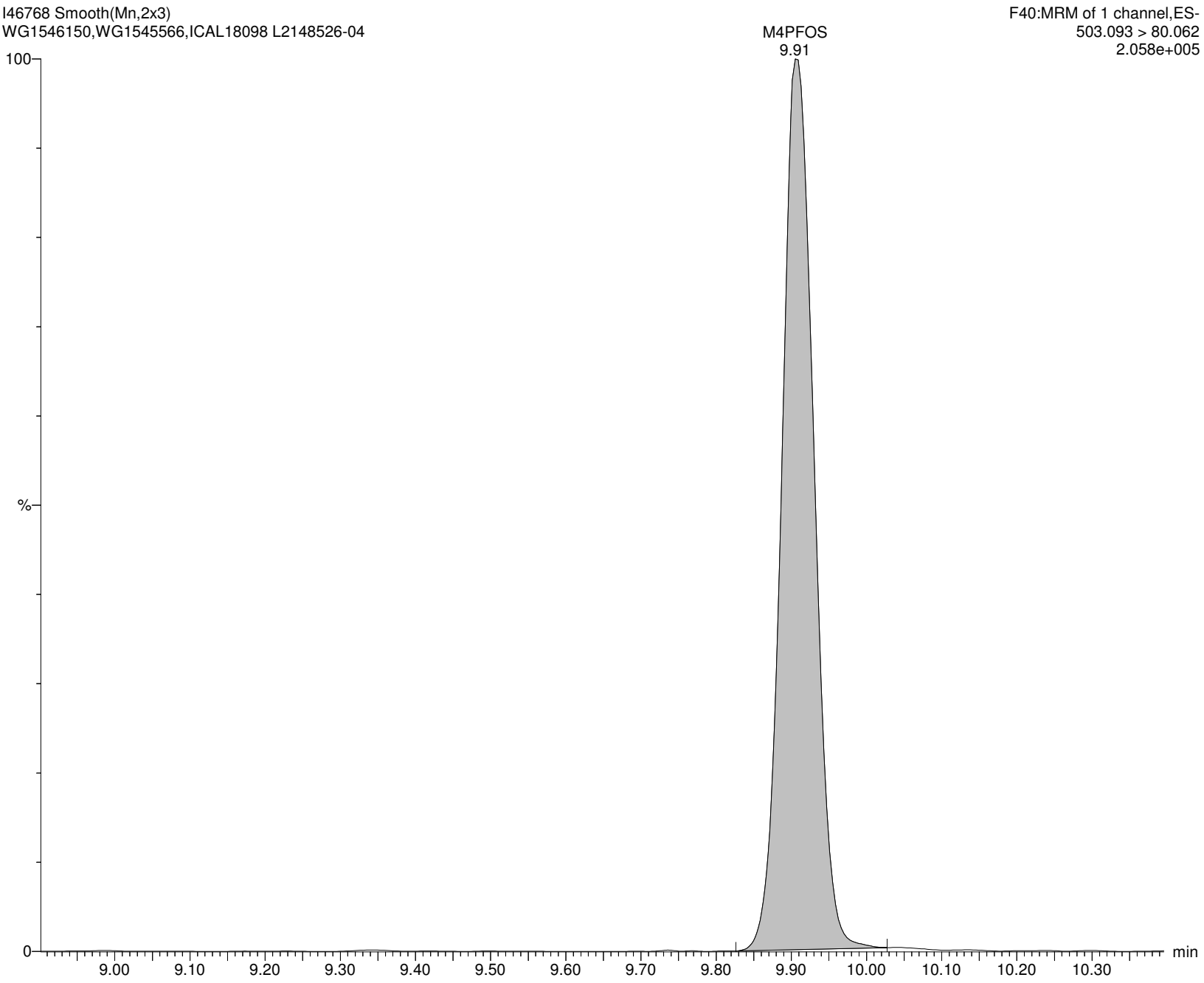


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:04 Eastern Daylight Time

Name: I46768
ID: L2148526-04
Date: 15-Sep-2021
Time: 06:15:28
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOS

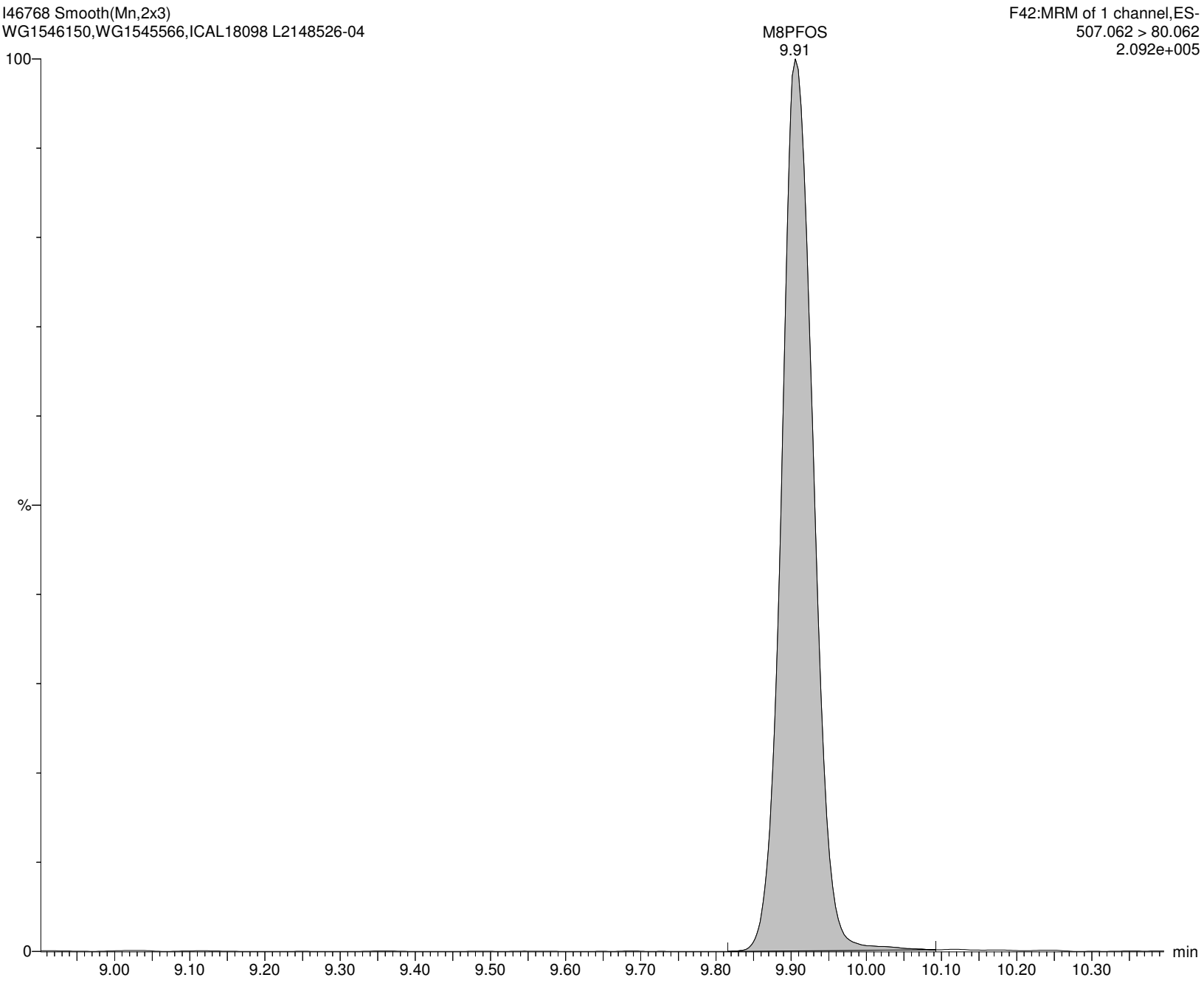


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:04 Eastern Daylight Time

Name: I46768
ID: L2148526-04
Date: 15-Sep-2021
Time: 06:15:28
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOS

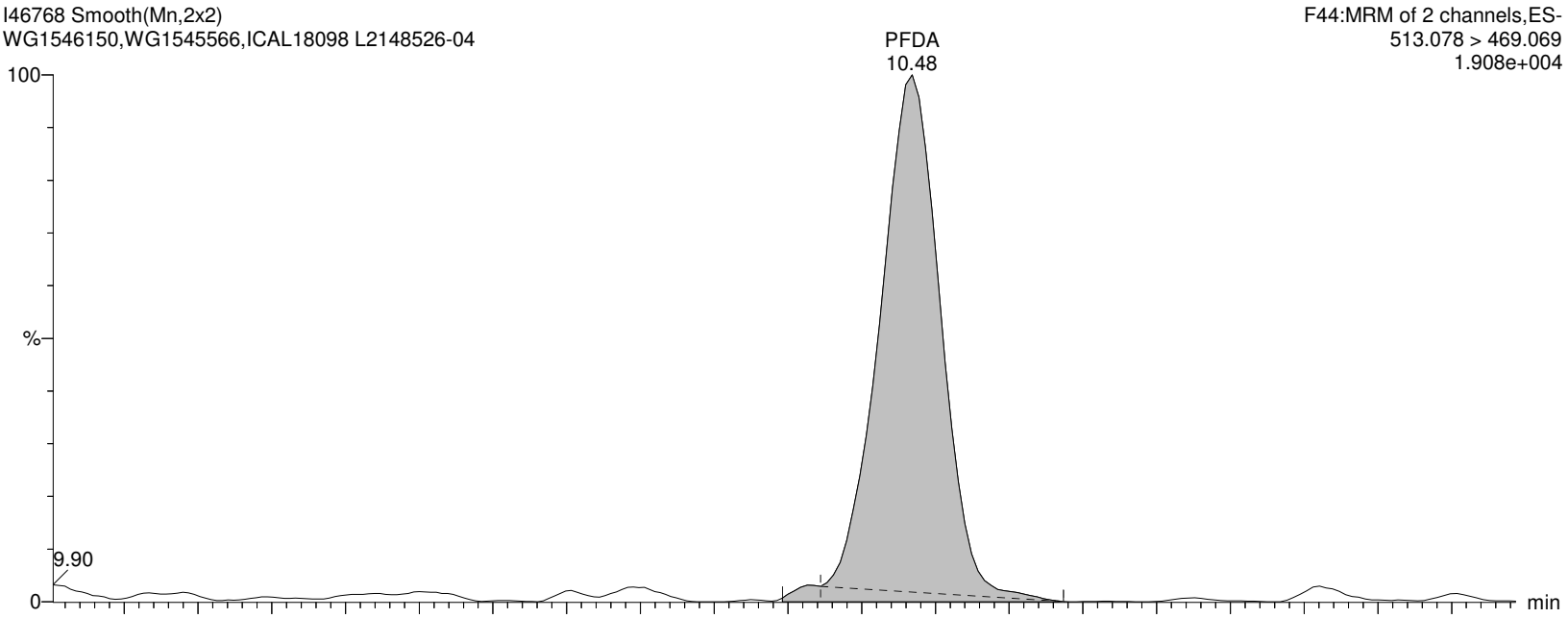


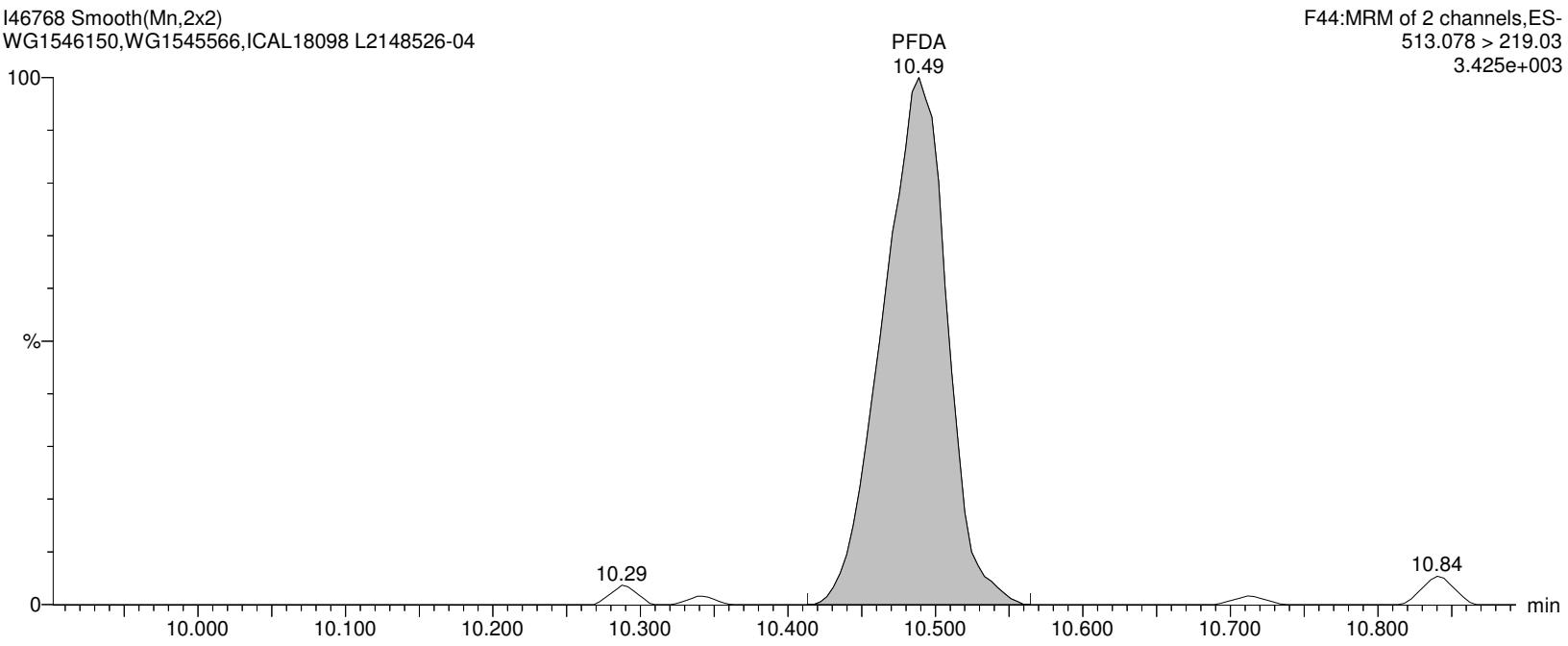
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:04 Eastern Daylight Time

Name: I46768
ID: L2148526-04
Date: 15-Sep-2021
Time: 06:15:28
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDA



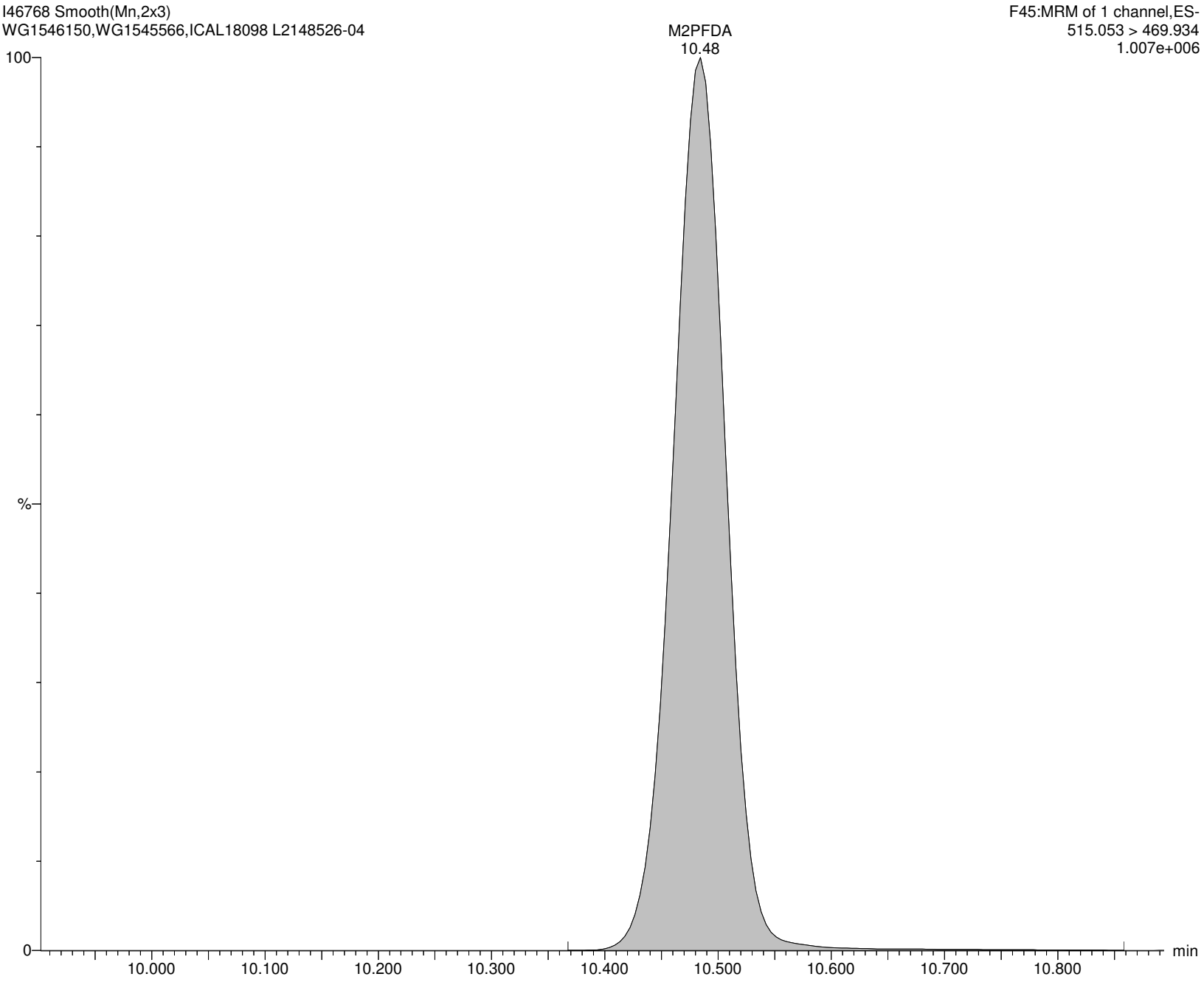


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:04 Eastern Daylight Time

Name: I46768
ID: L2148526-04
Date: 15-Sep-2021
Time: 06:15:28
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFDA

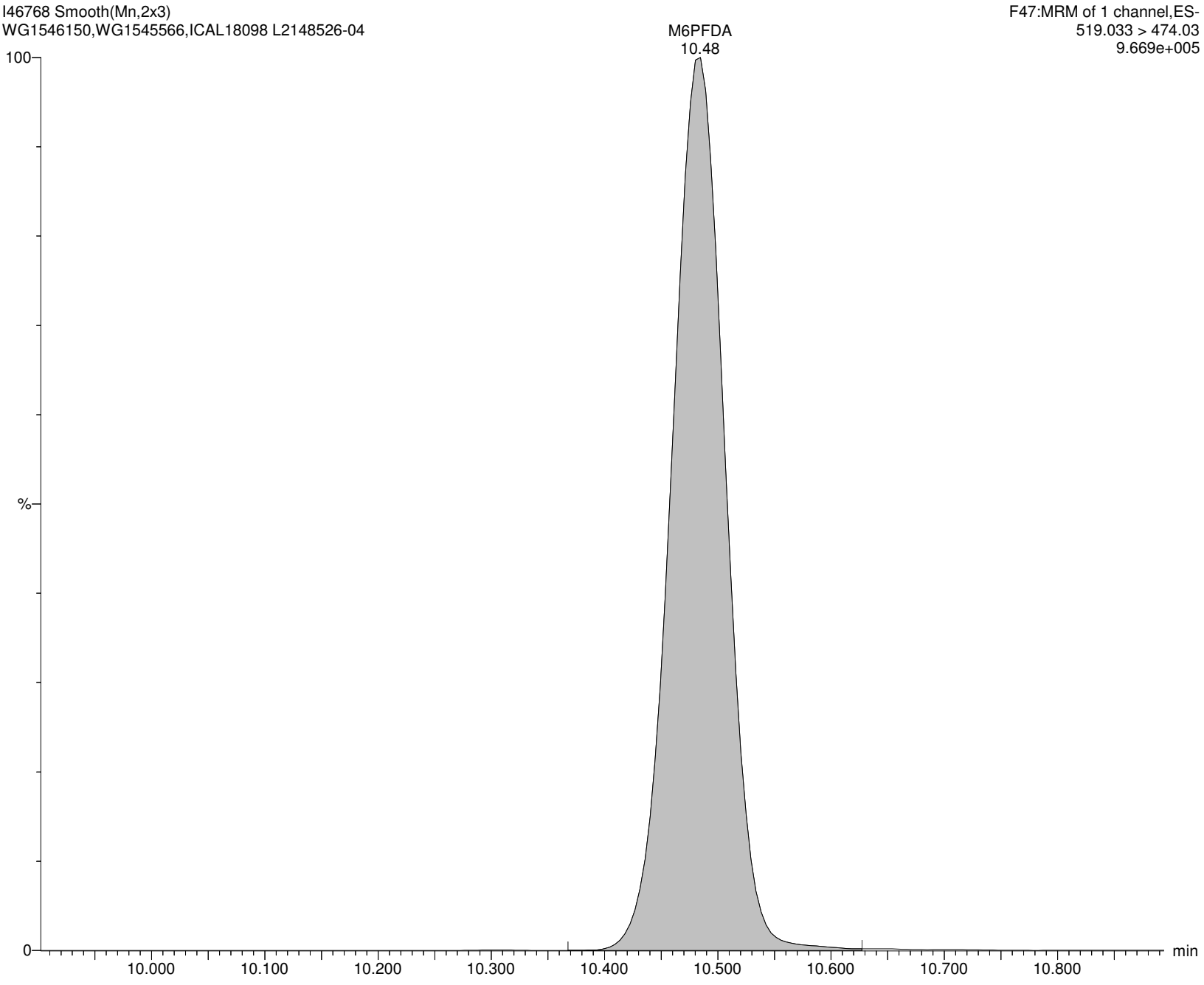


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:04 Eastern Daylight Time

Name: I46768
ID: L2148526-04
Date: 15-Sep-2021
Time: 06:15:28
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M6PFDA

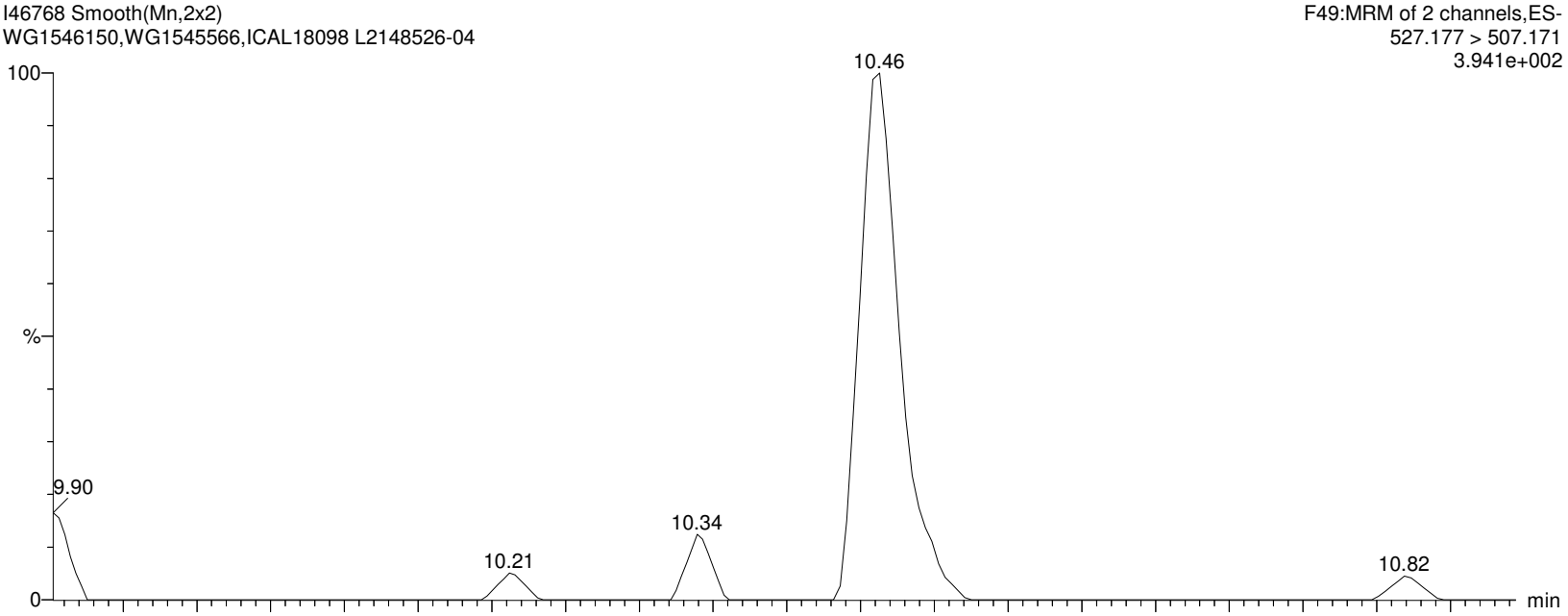


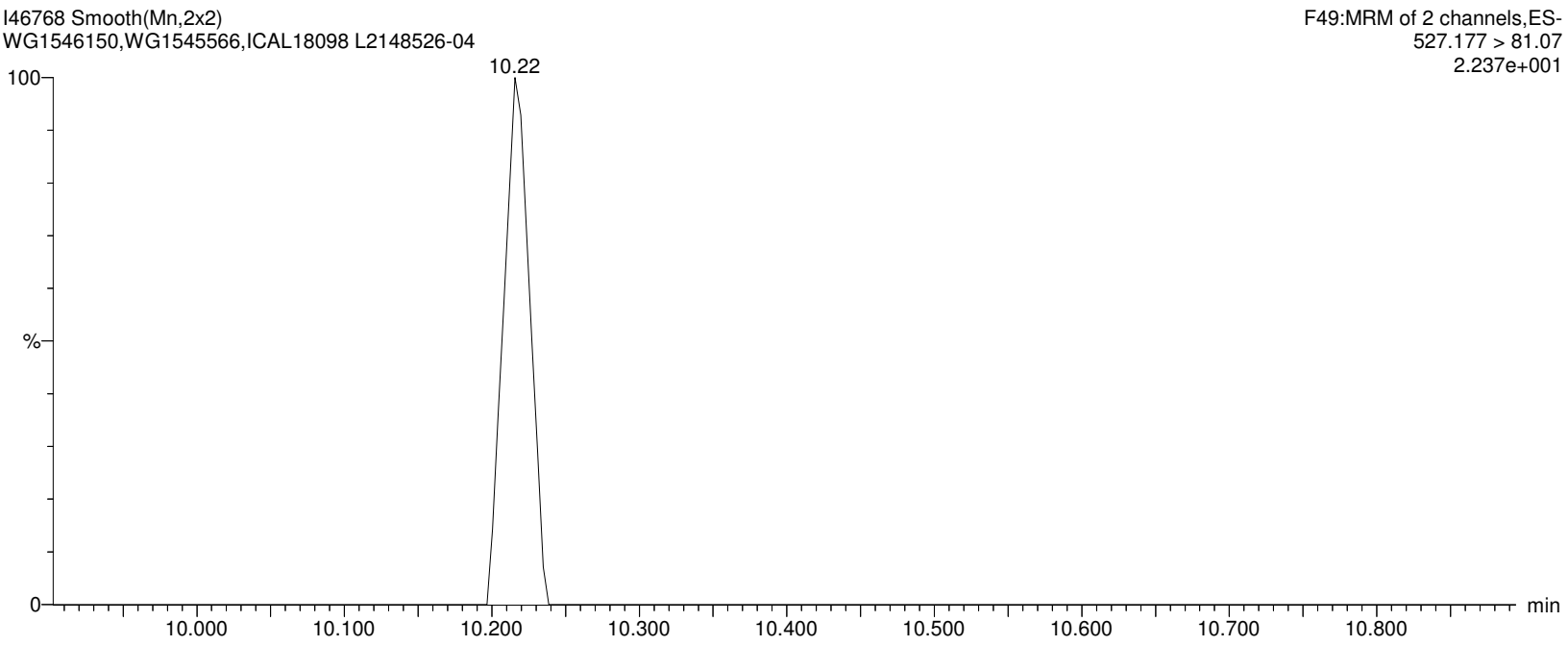
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:04 Eastern Daylight Time

Name: I46768
ID: L2148526-04
Date: 15-Sep-2021
Time: 06:15:28
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

8:2FTS



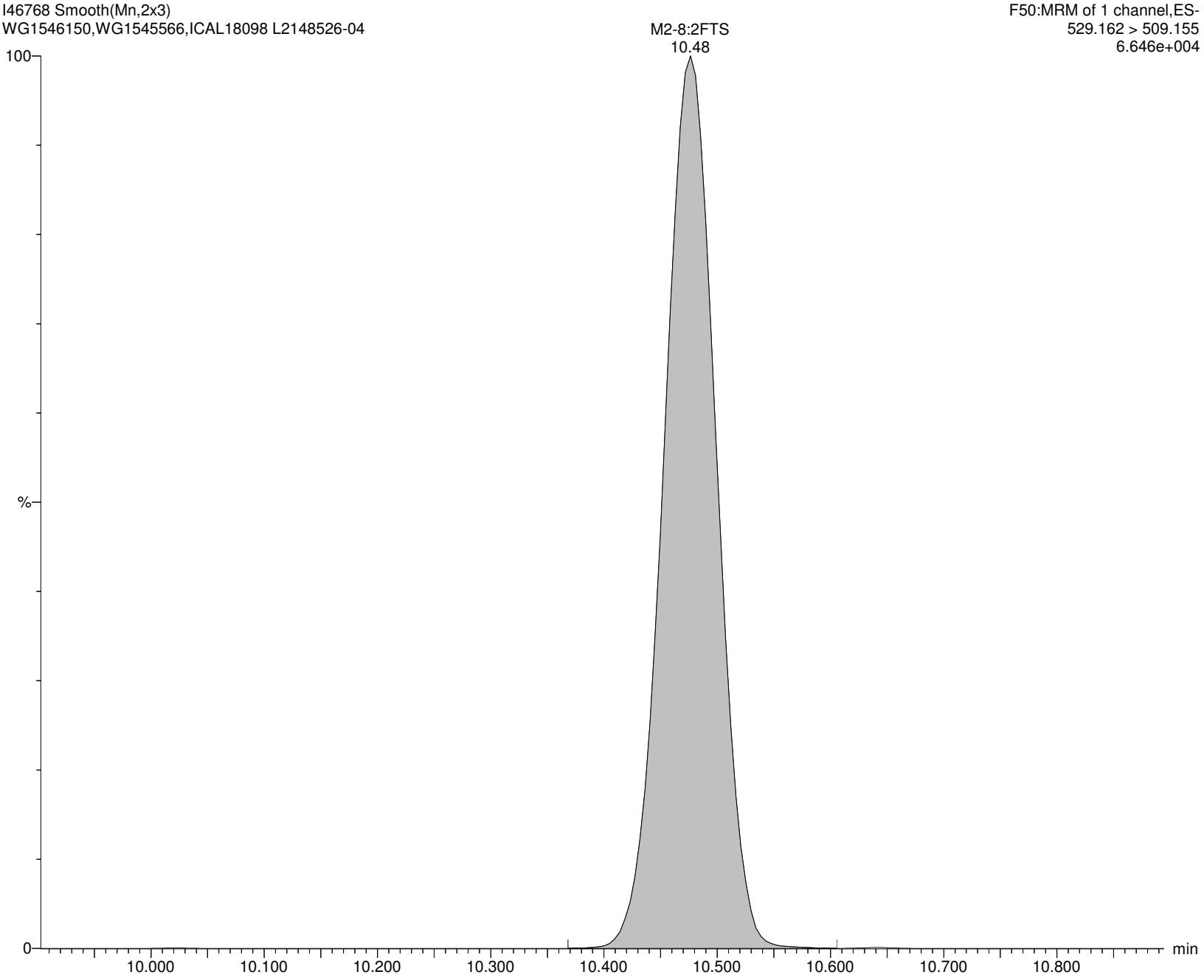


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:04 Eastern Daylight Time

Name: I46768
ID: L2148526-04
Date: 15-Sep-2021
Time: 06:15:28
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-8:2FTS

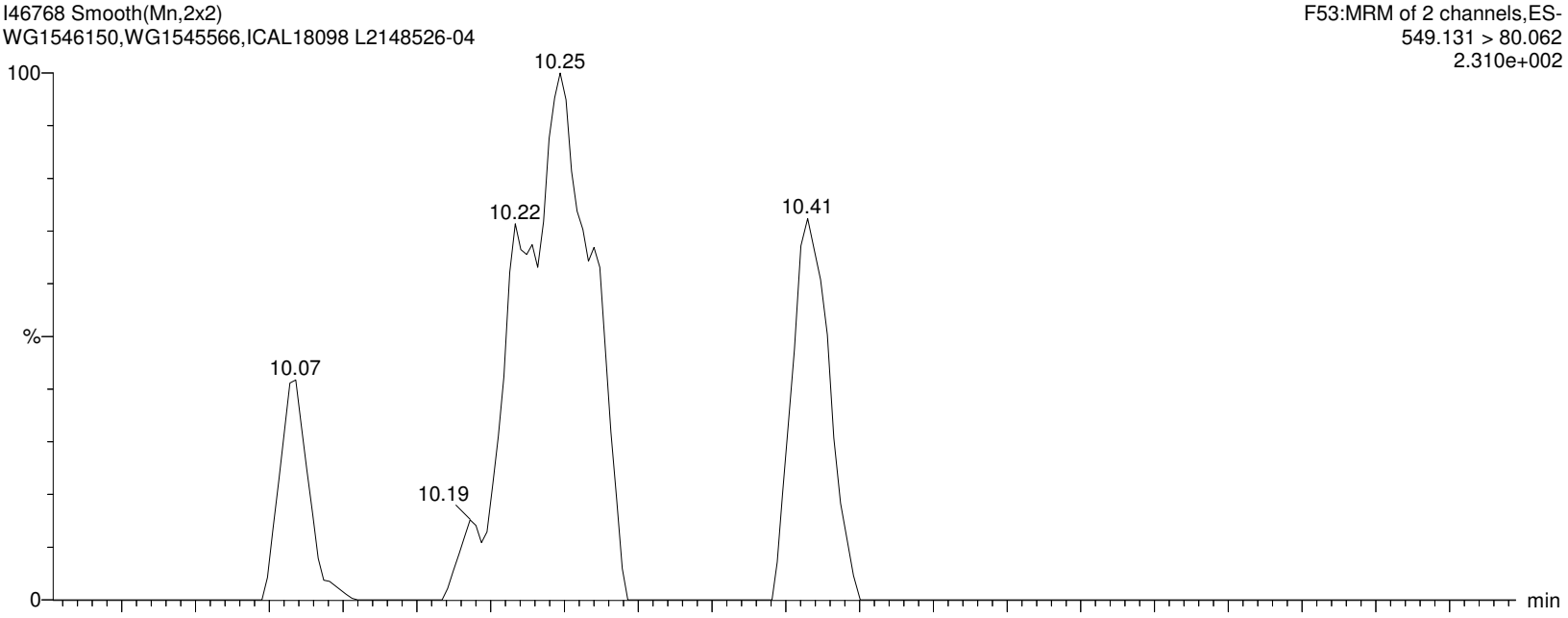


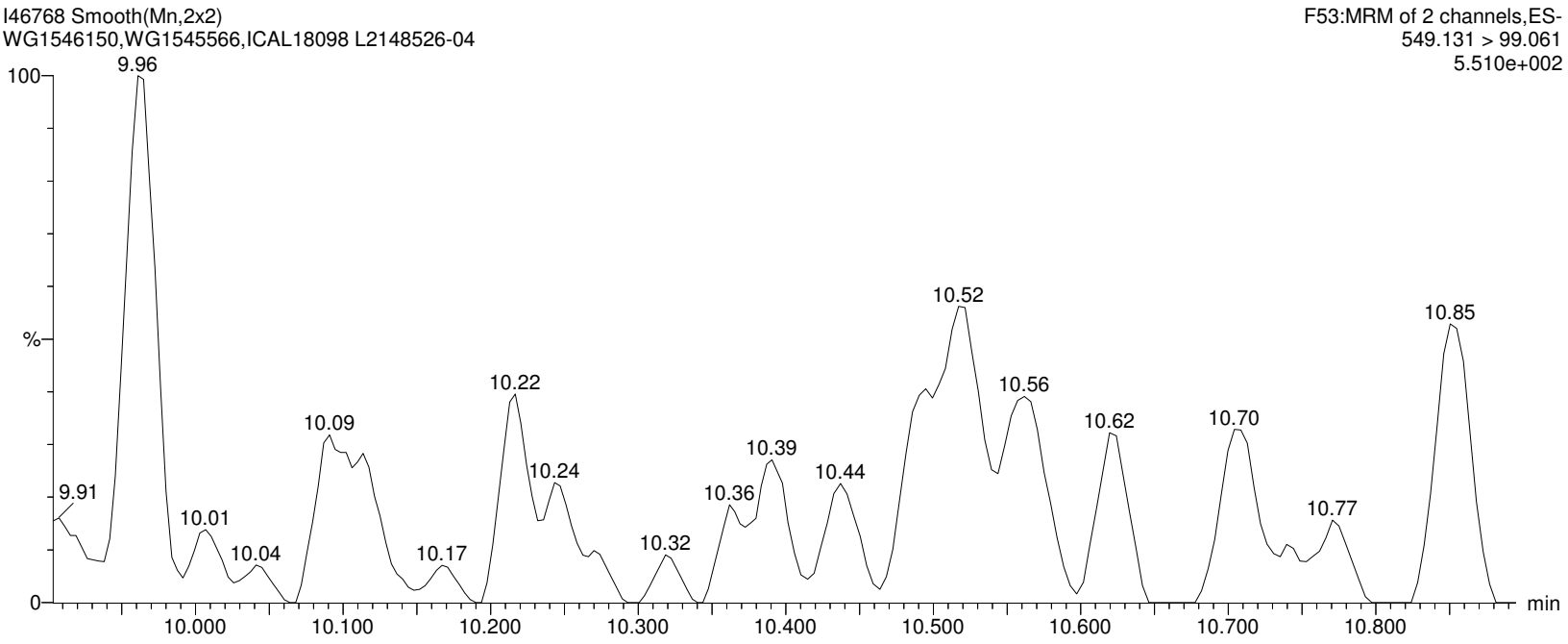
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:04 Eastern Daylight Time

Name: I46768
ID: L2148526-04
Date: 15-Sep-2021
Time: 06:15:28
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNS



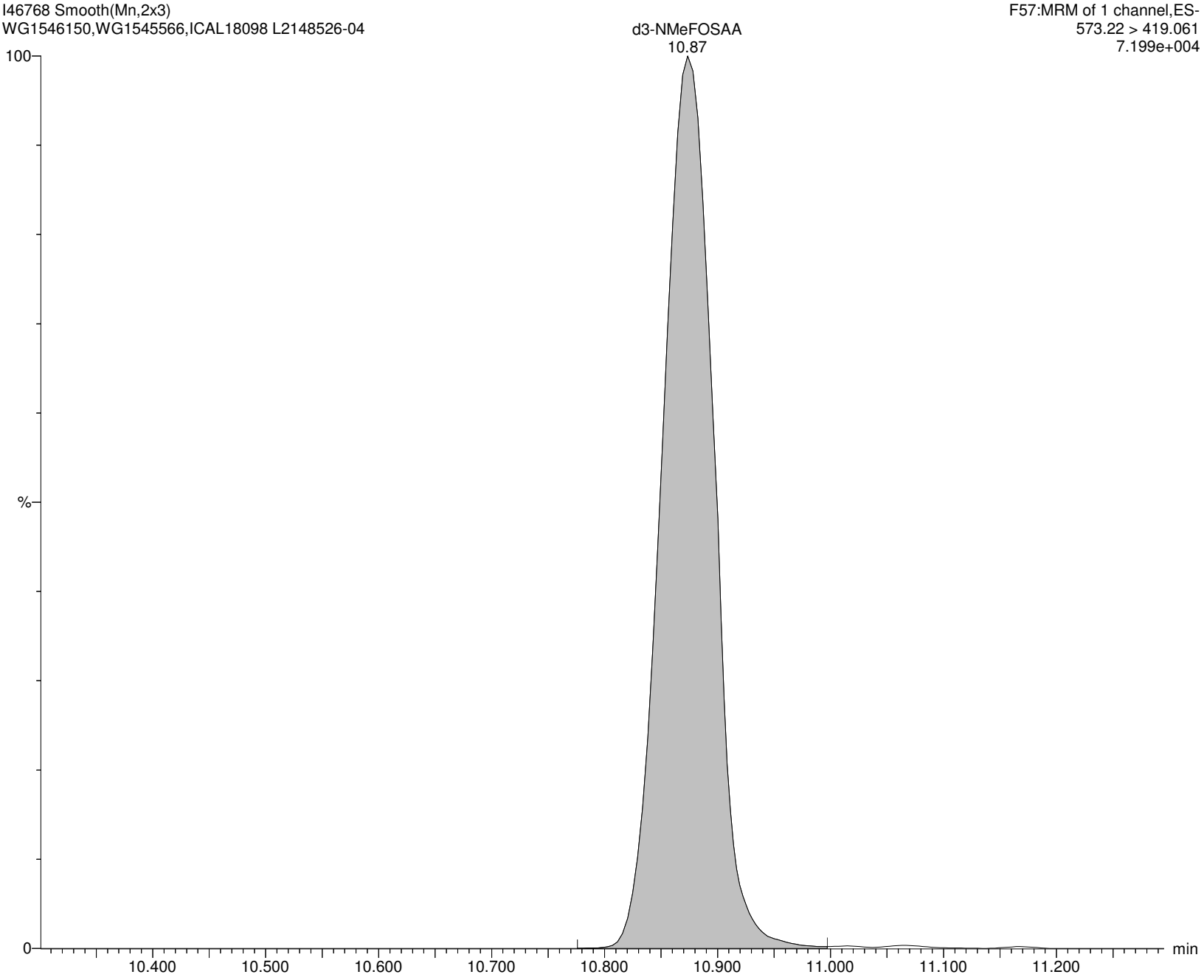


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:04 Eastern Daylight Time

Name: I46768
ID: L2148526-04
Date: 15-Sep-2021
Time: 06:15:28
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSAA

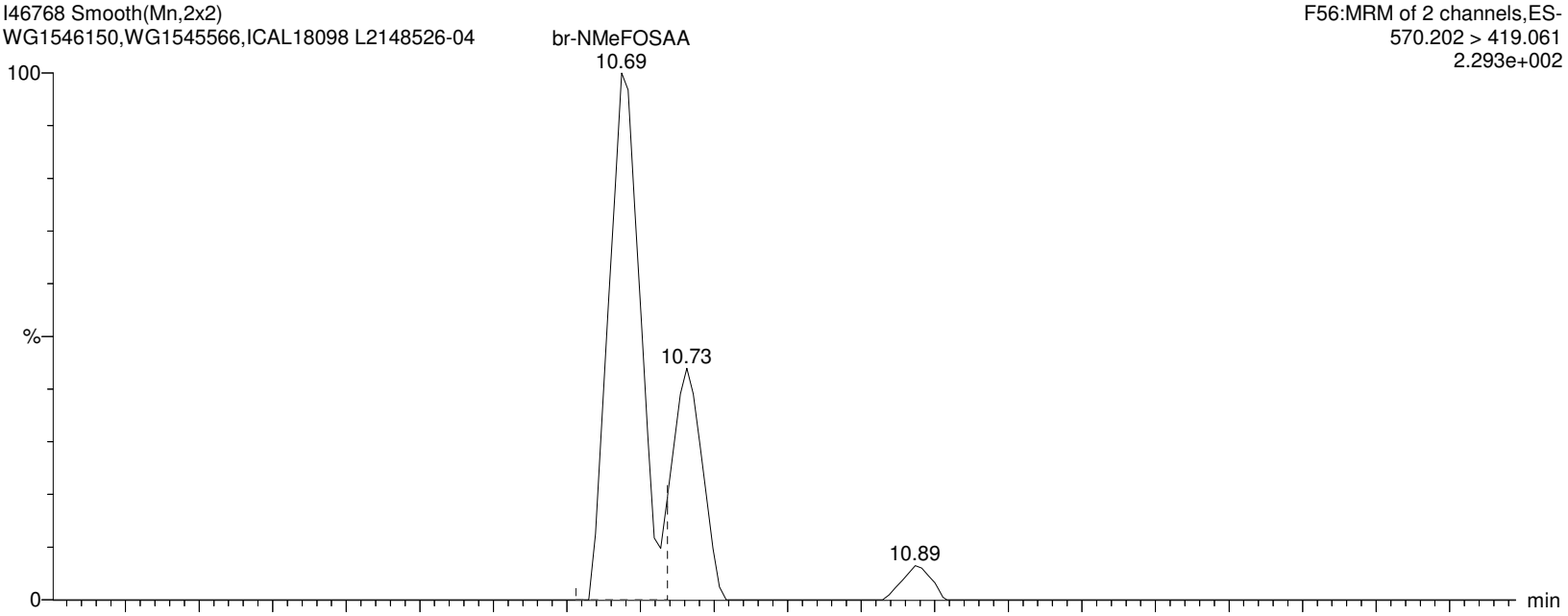


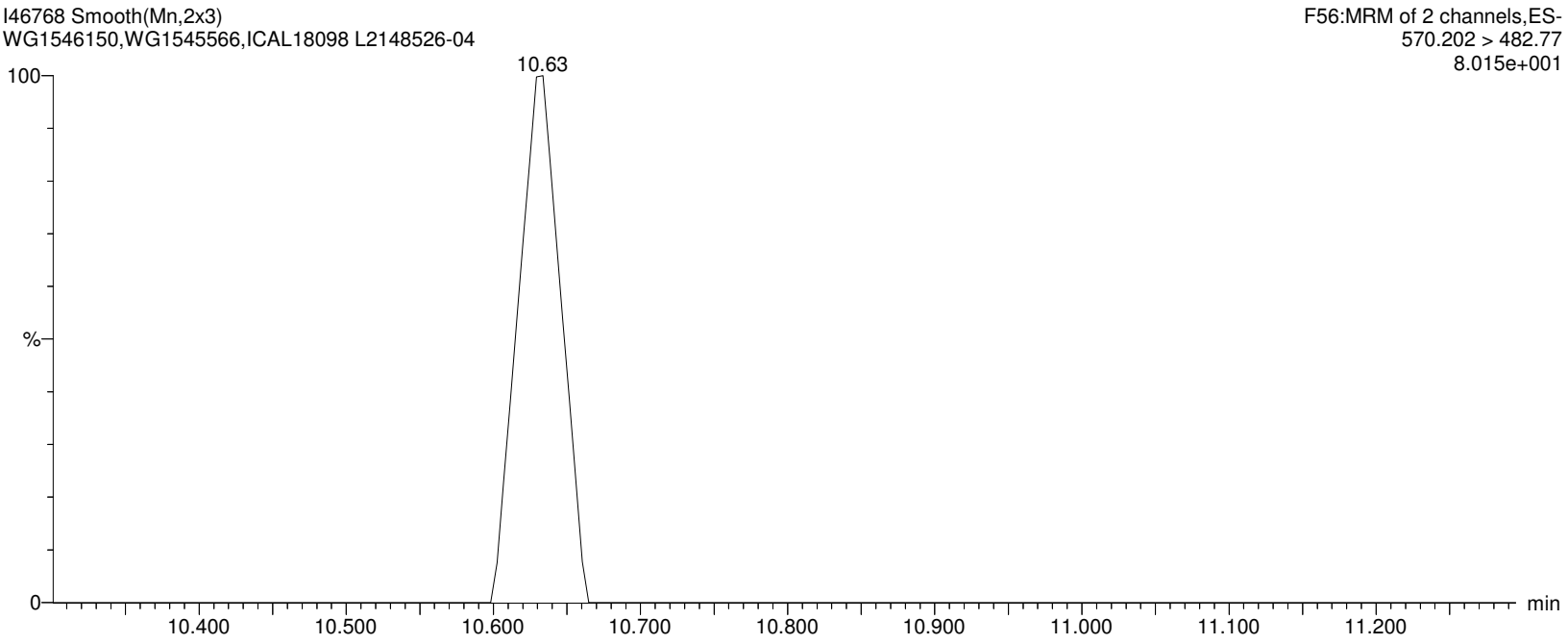
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:04 Eastern Daylight Time

Name: I46768
ID: L2148526-04
Date: 15-Sep-2021
Time: 06:15:28
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NMeFOSAA



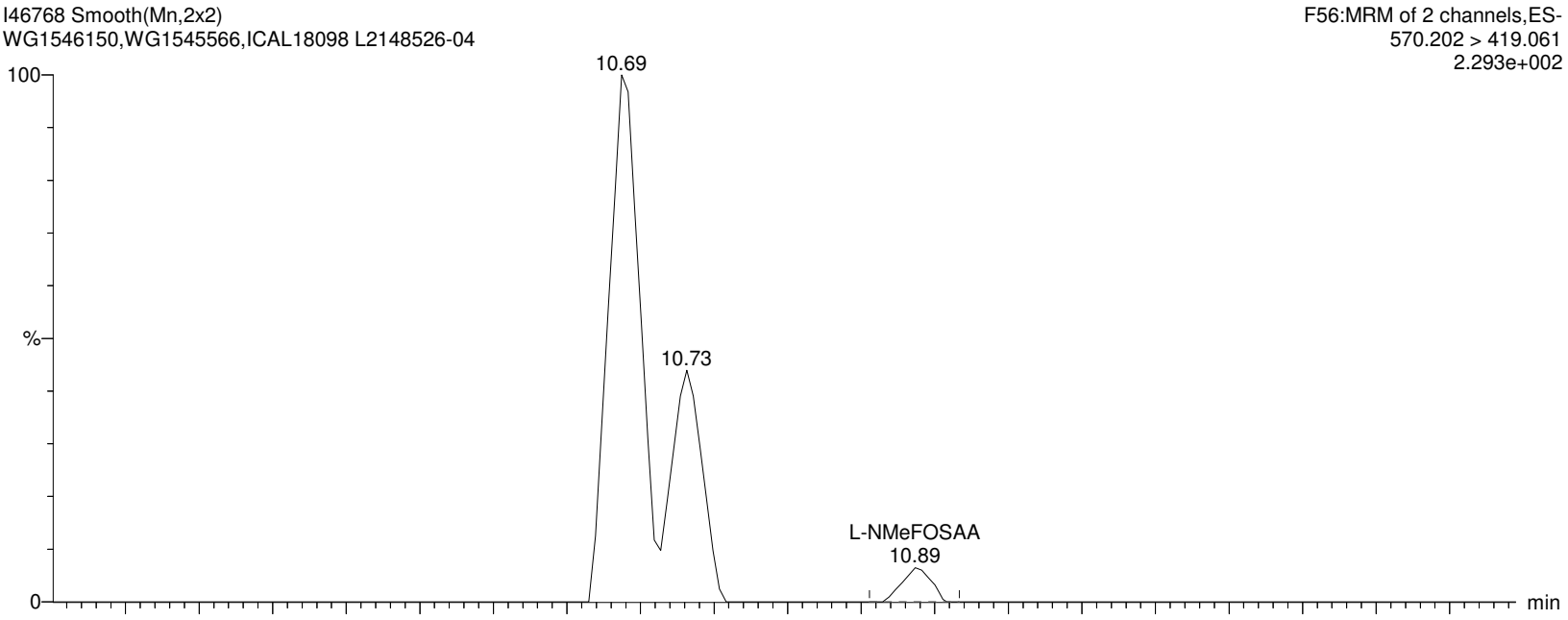


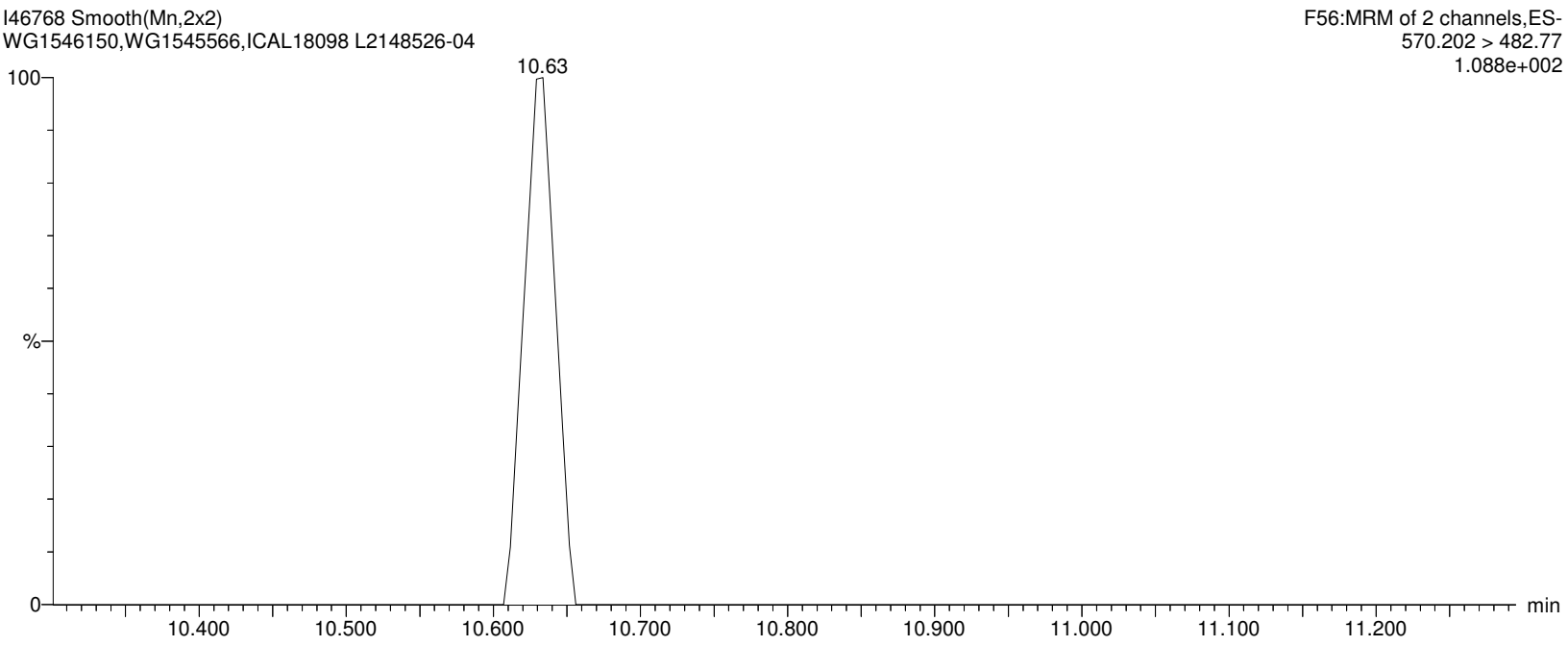
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:04 Eastern Daylight Time

Name: I46768
ID: L2148526-04
Date: 15-Sep-2021
Time: 06:15:28
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NMeFOSAA



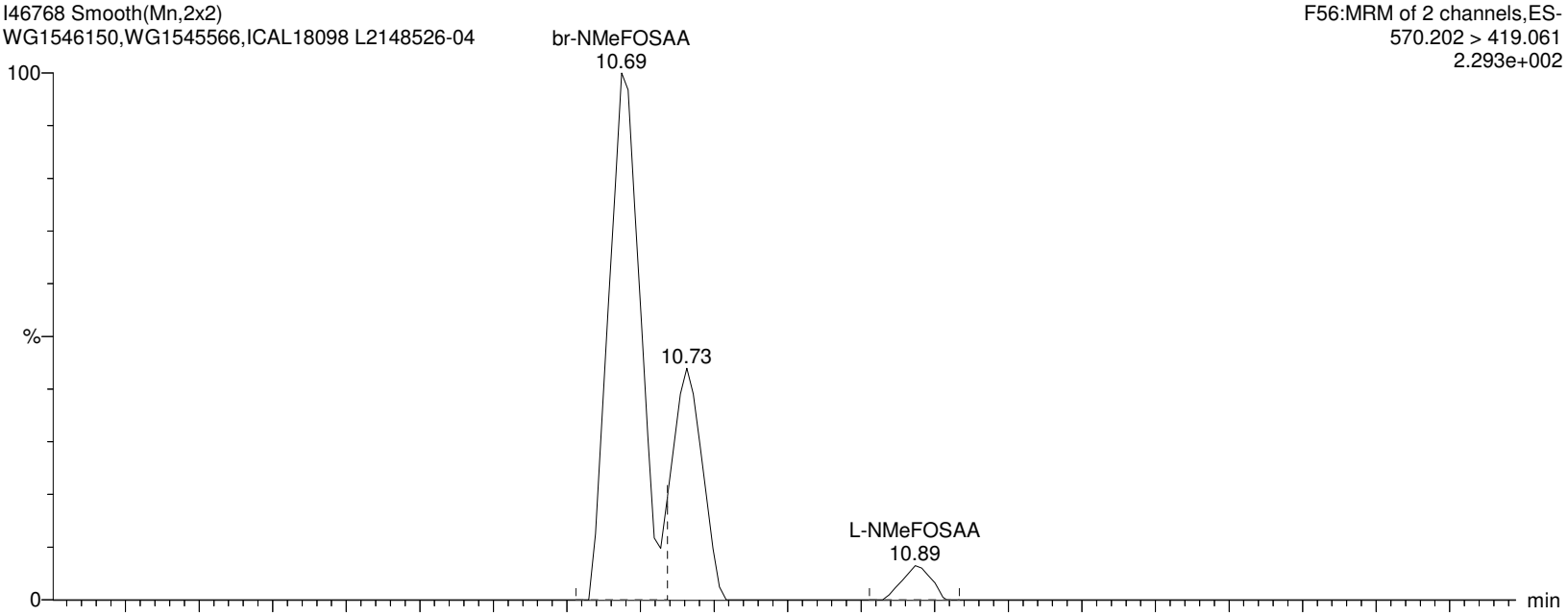


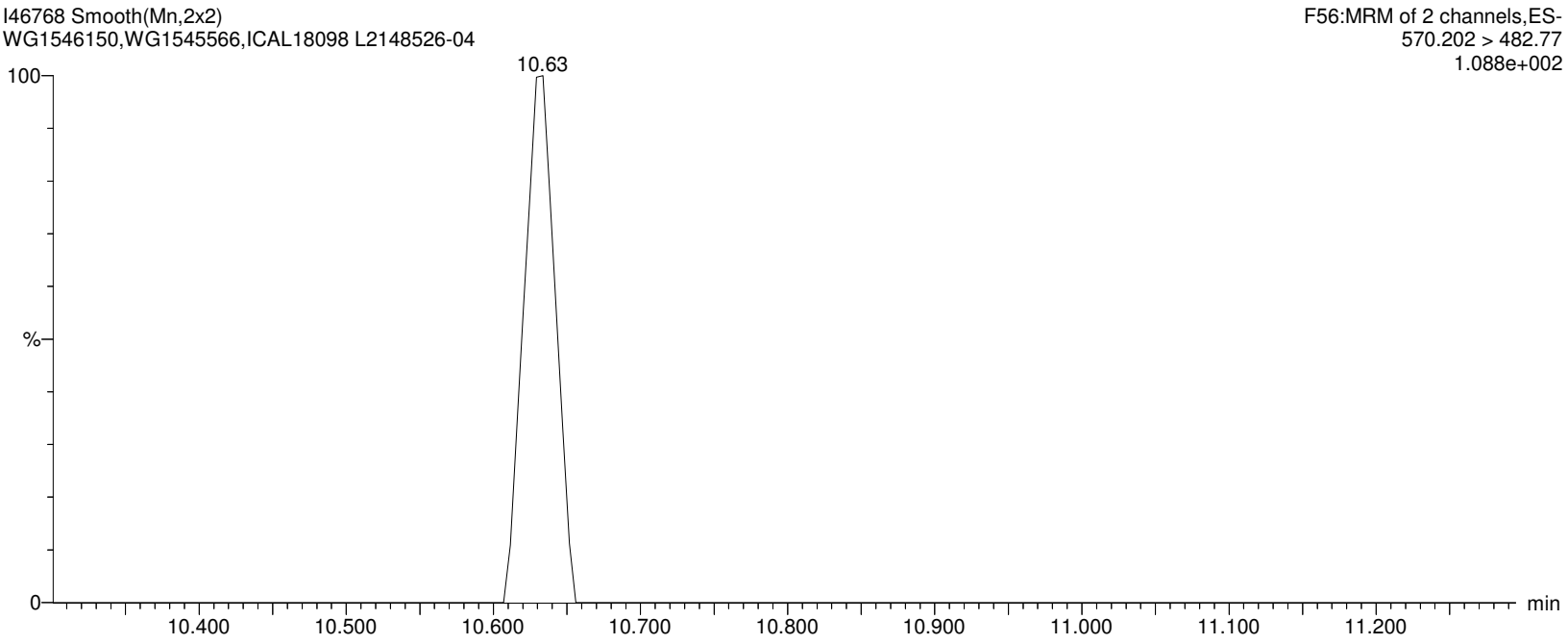
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:04 Eastern Daylight Time

Name: I46768
ID: L2148526-04
Date: 15-Sep-2021
Time: 06:15:28
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSAA



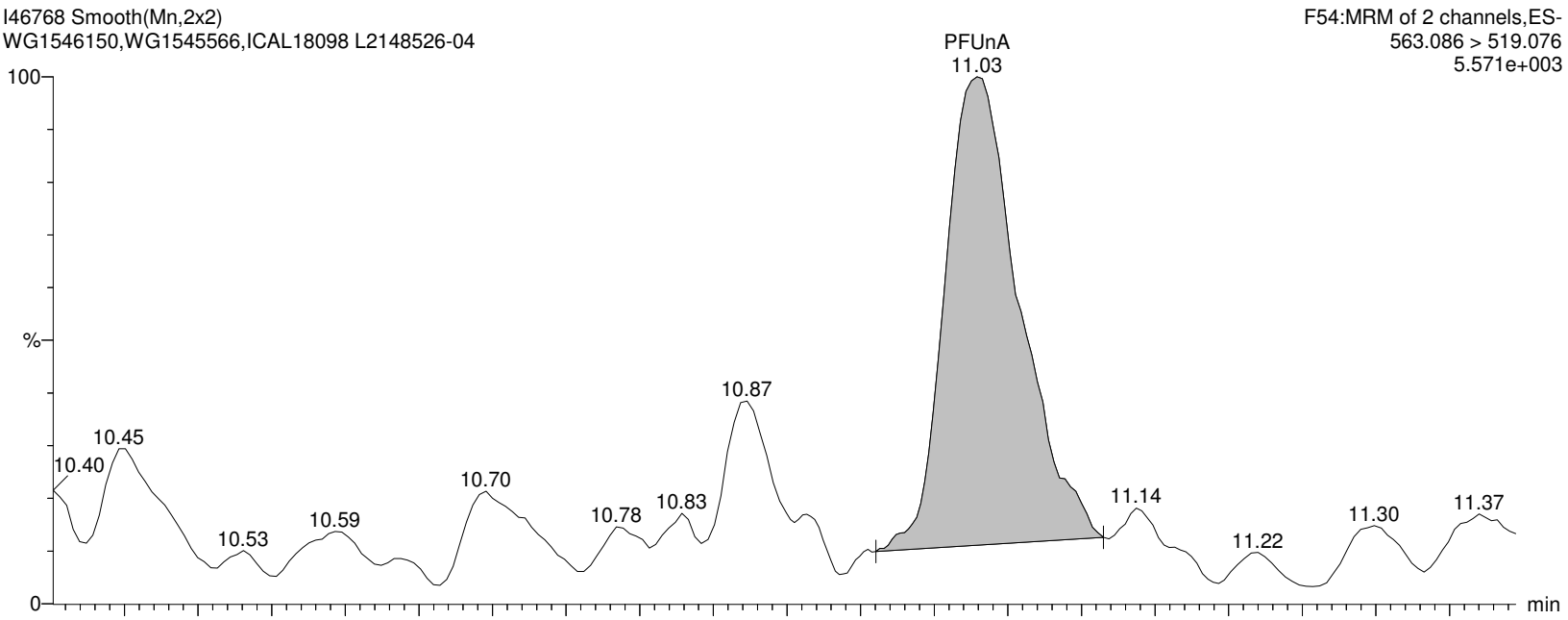


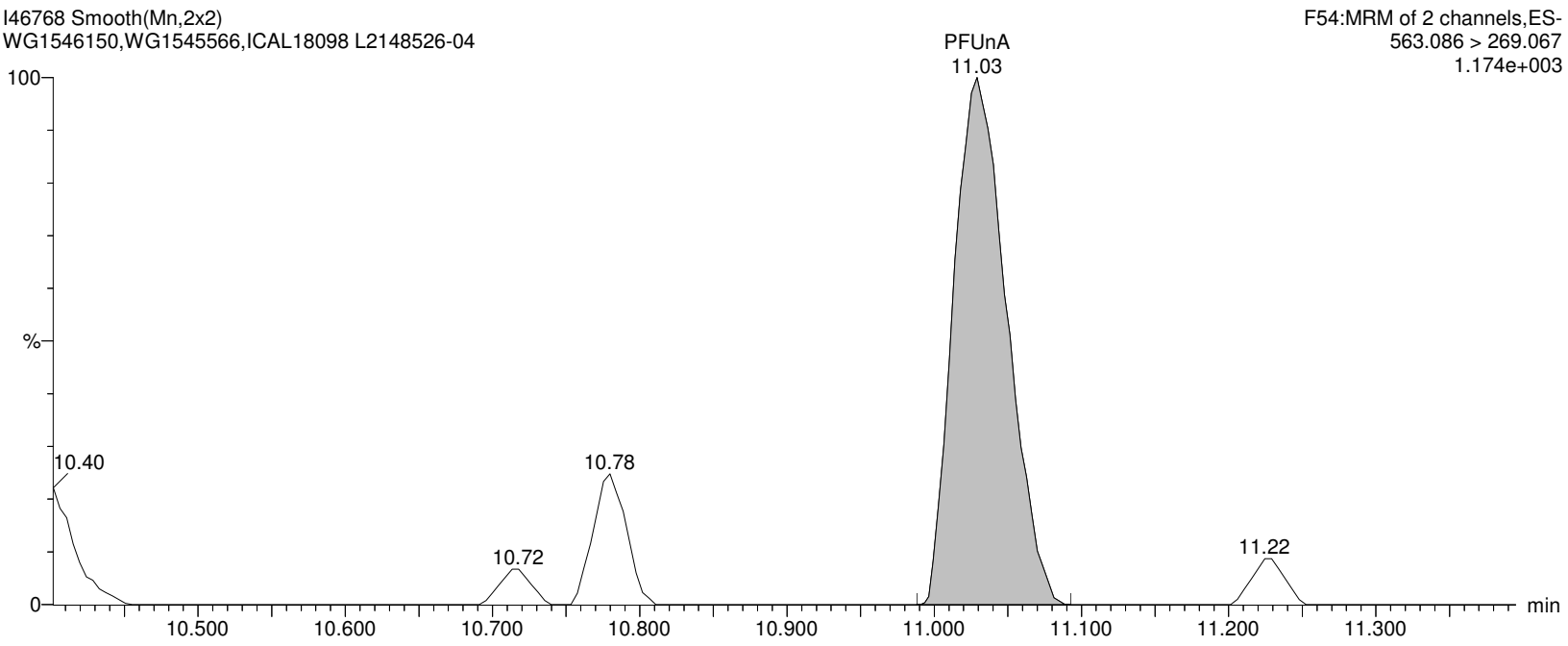
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:04 Eastern Daylight Time

Name: I46768
ID: L2148526-04
Date: 15-Sep-2021
Time: 06:15:28
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFUnA



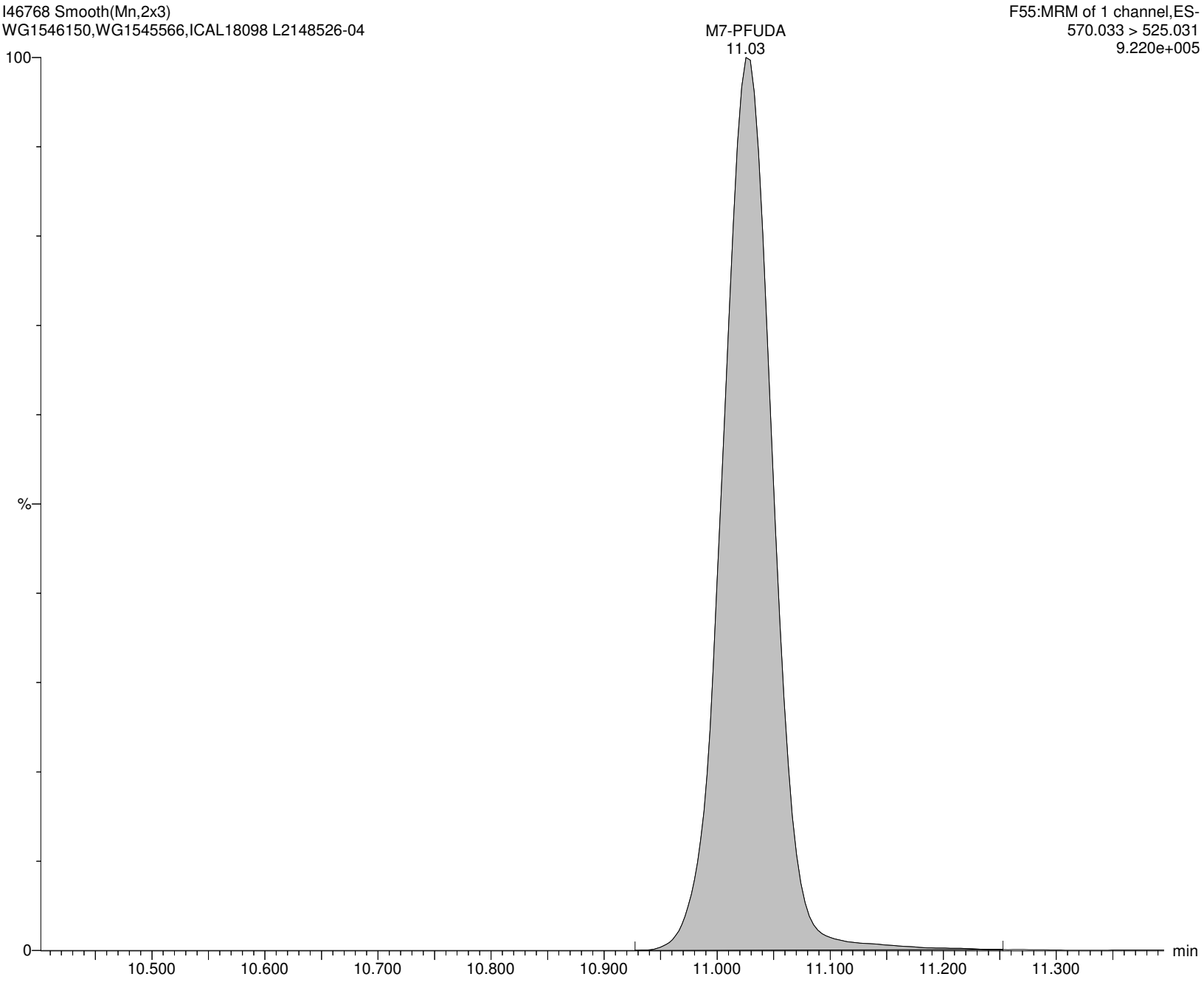


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:04 Eastern Daylight Time

Name: I46768
ID: L2148526-04
Date: 15-Sep-2021
Time: 06:15:28
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M7-PFUDA

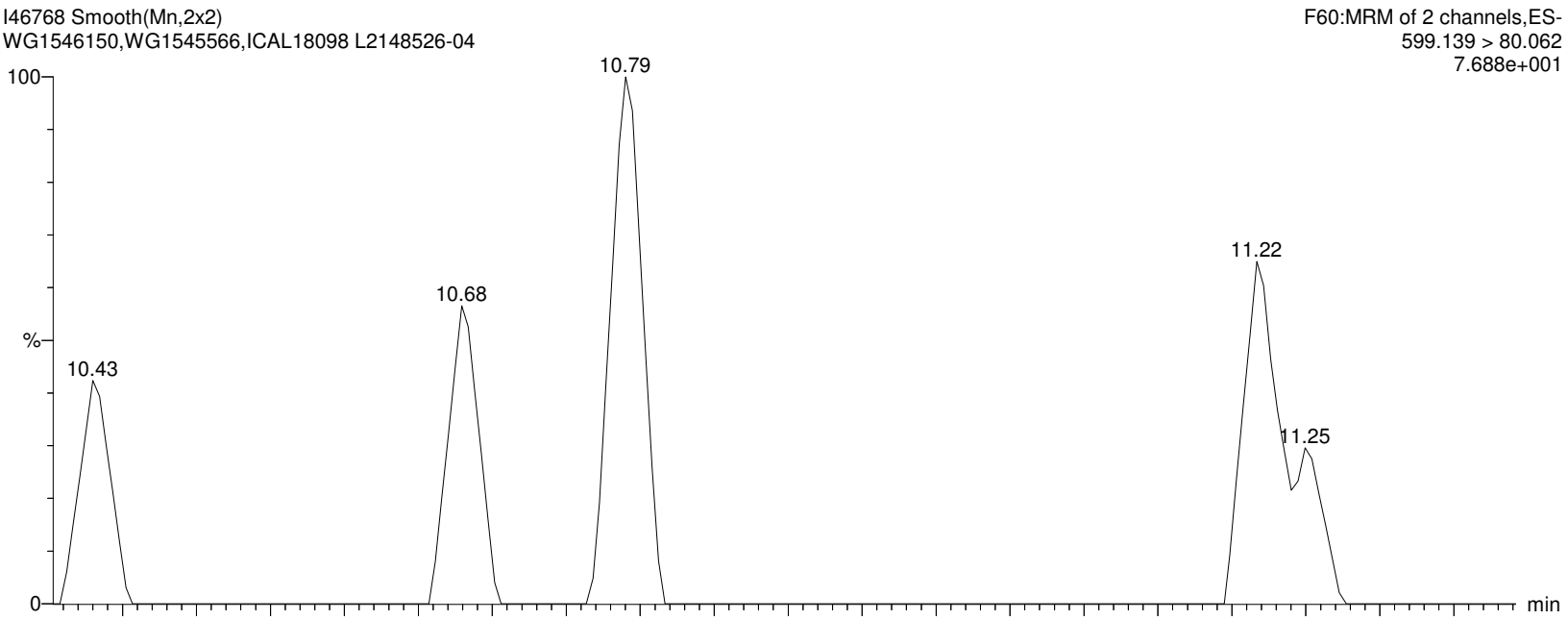


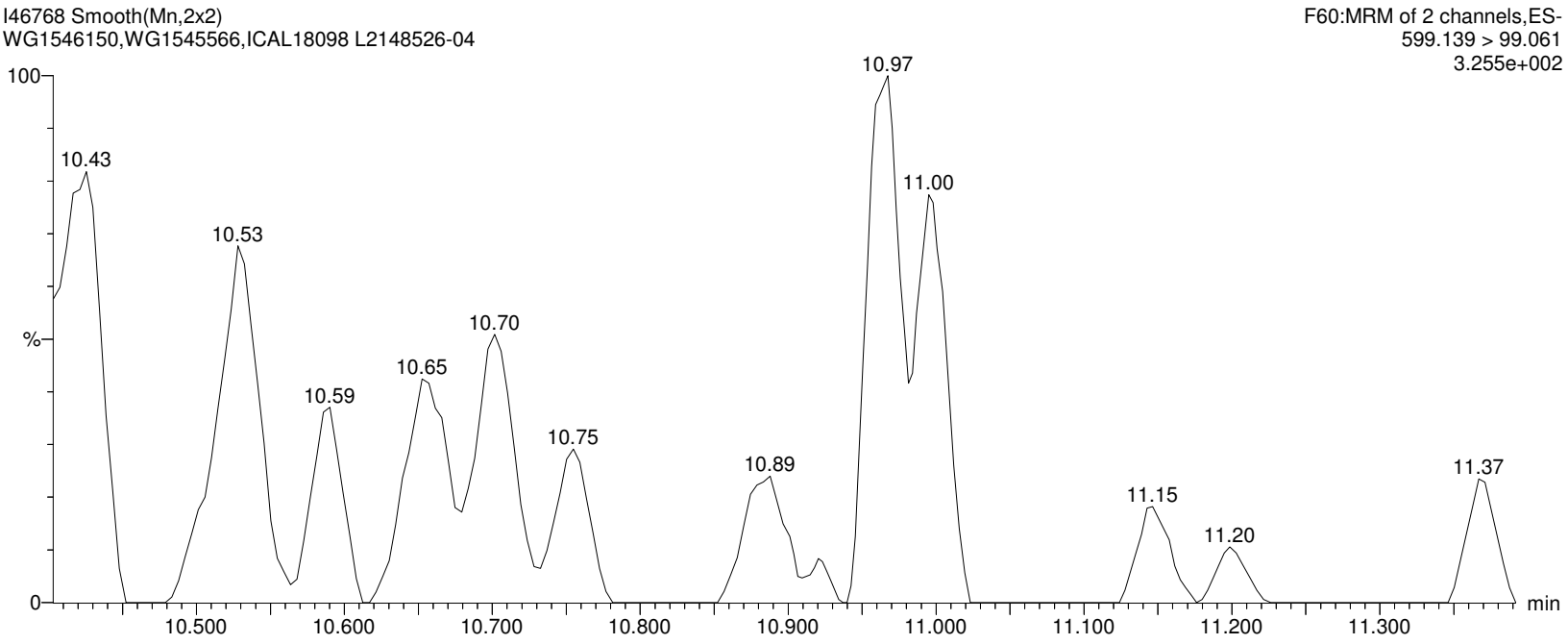
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:04 Eastern Daylight Time

Name: I46768
ID: L2148526-04
Date: 15-Sep-2021
Time: 06:15:28
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDS



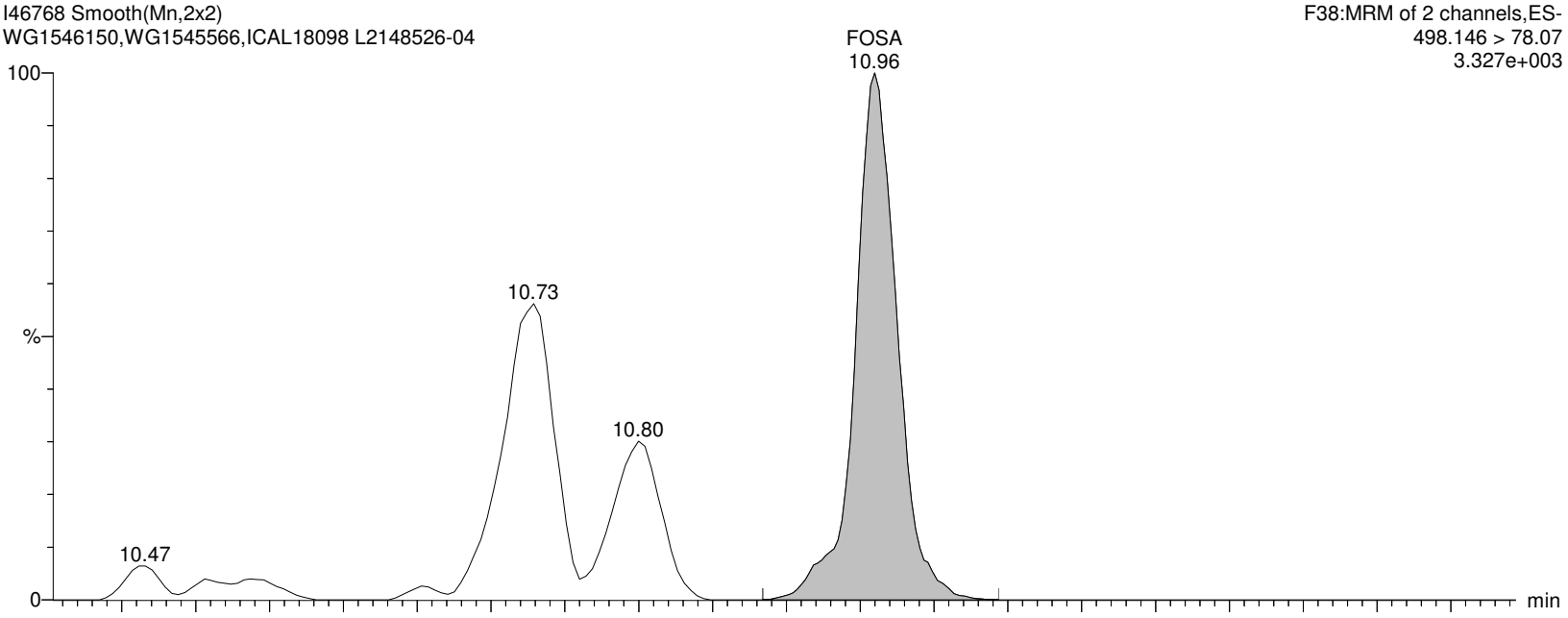


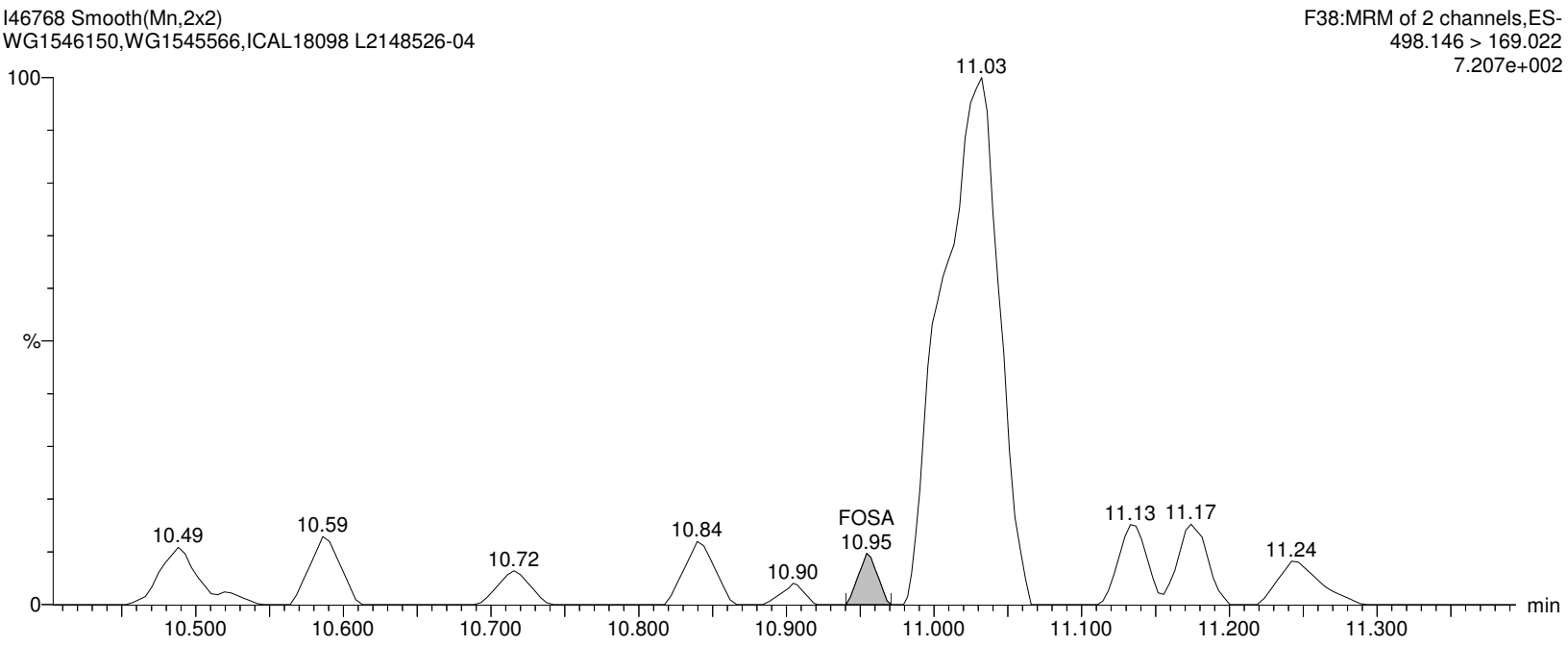
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:04 Eastern Daylight Time

Name: I46768
ID: L2148526-04
Date: 15-Sep-2021
Time: 06:15:28
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

FOSA



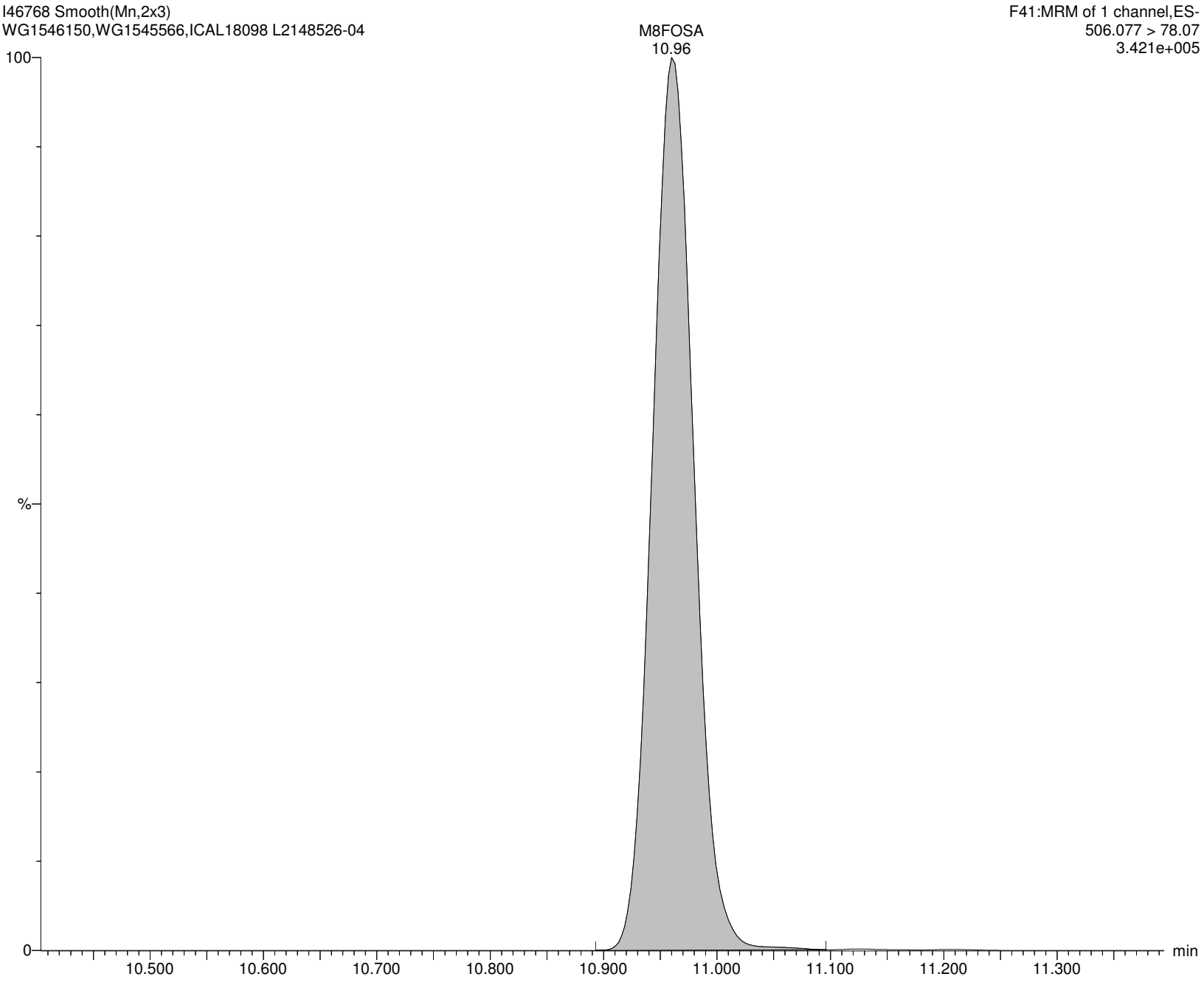


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:04 Eastern Daylight Time

Name: I46768
ID: L2148526-04
Date: 15-Sep-2021
Time: 06:15:28
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8FOSA

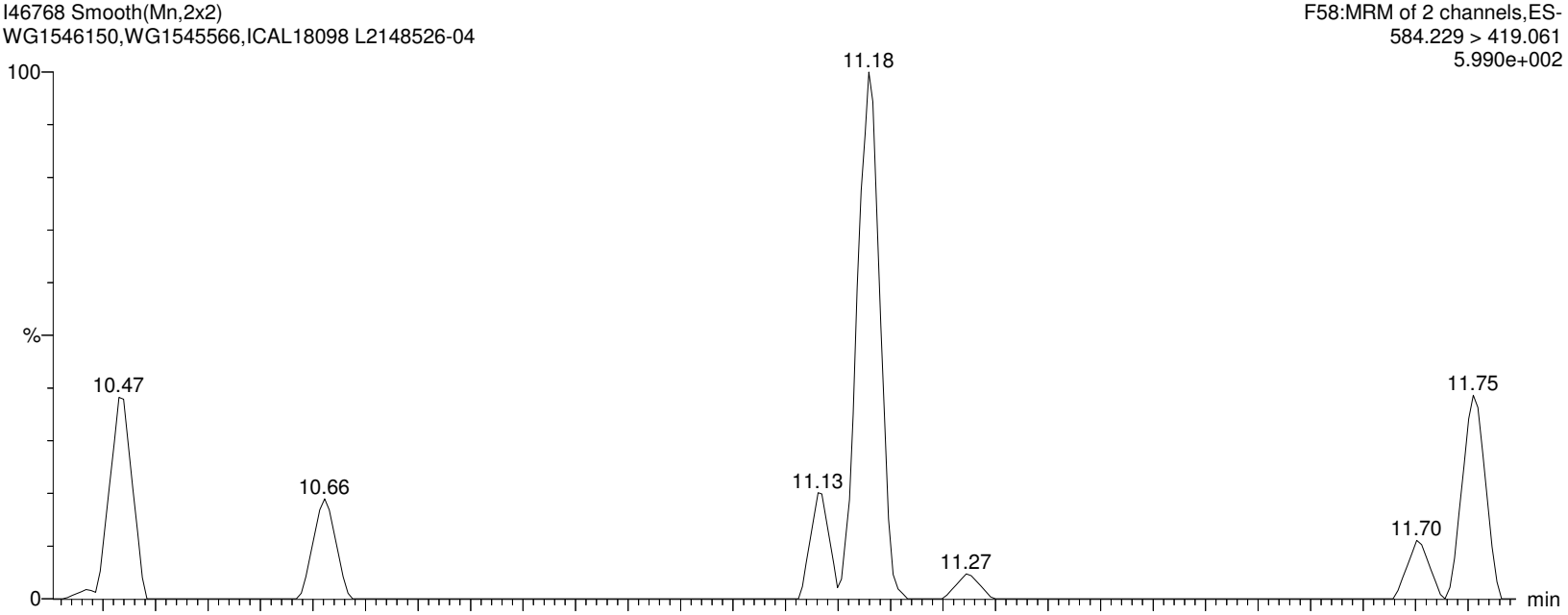


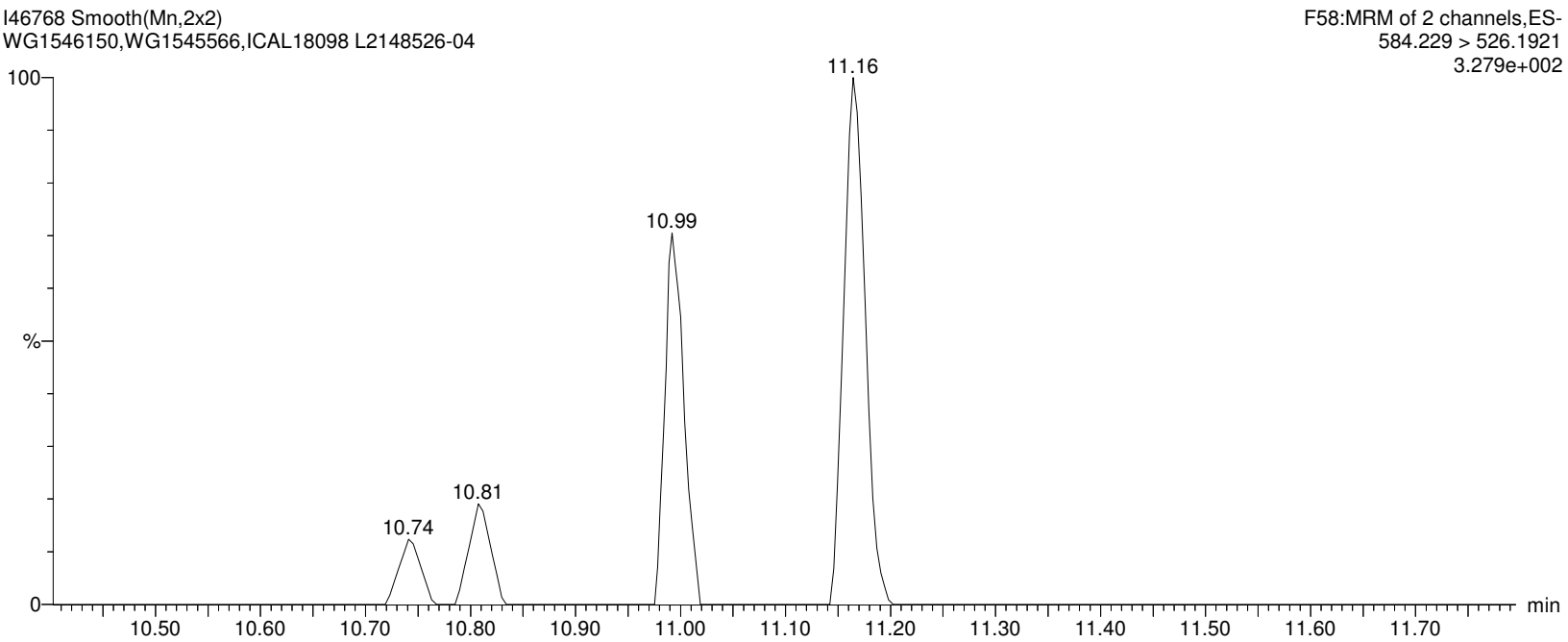
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:04 Eastern Daylight Time

Name: I46768
ID: L2148526-04
Date: 15-Sep-2021
Time: 06:15:28
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NEtFOSAA



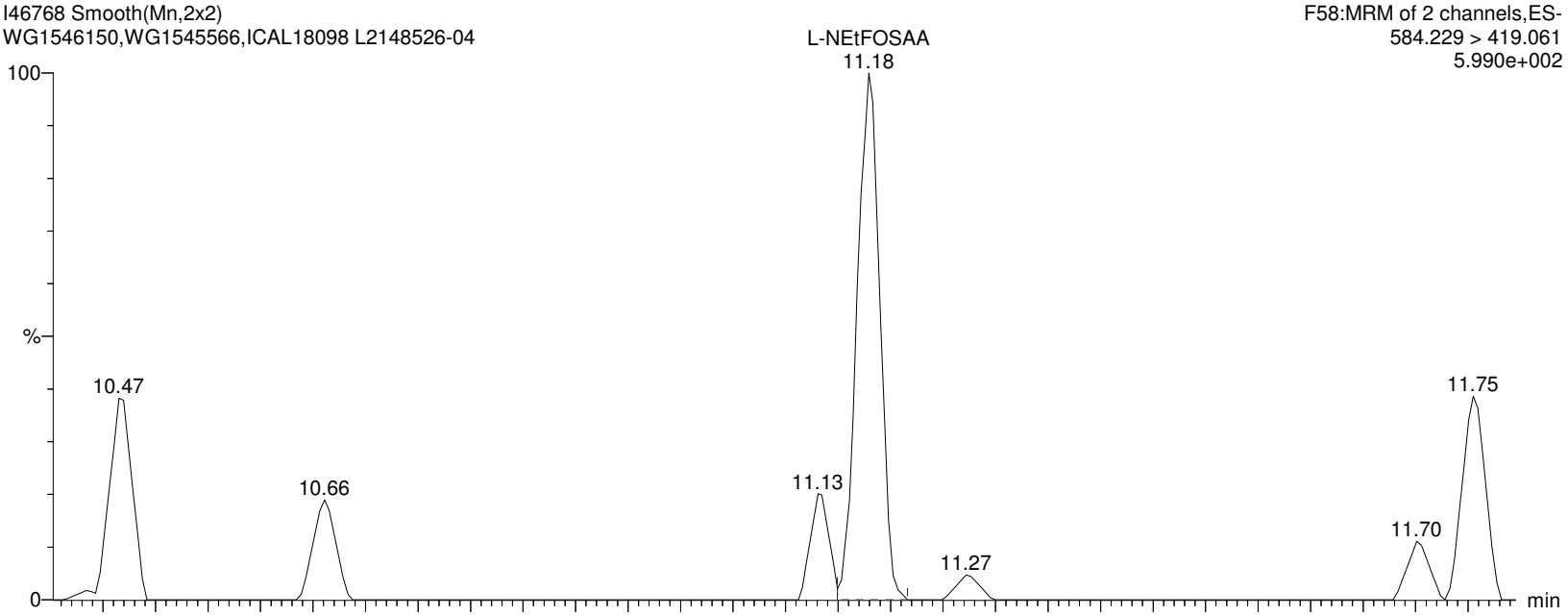


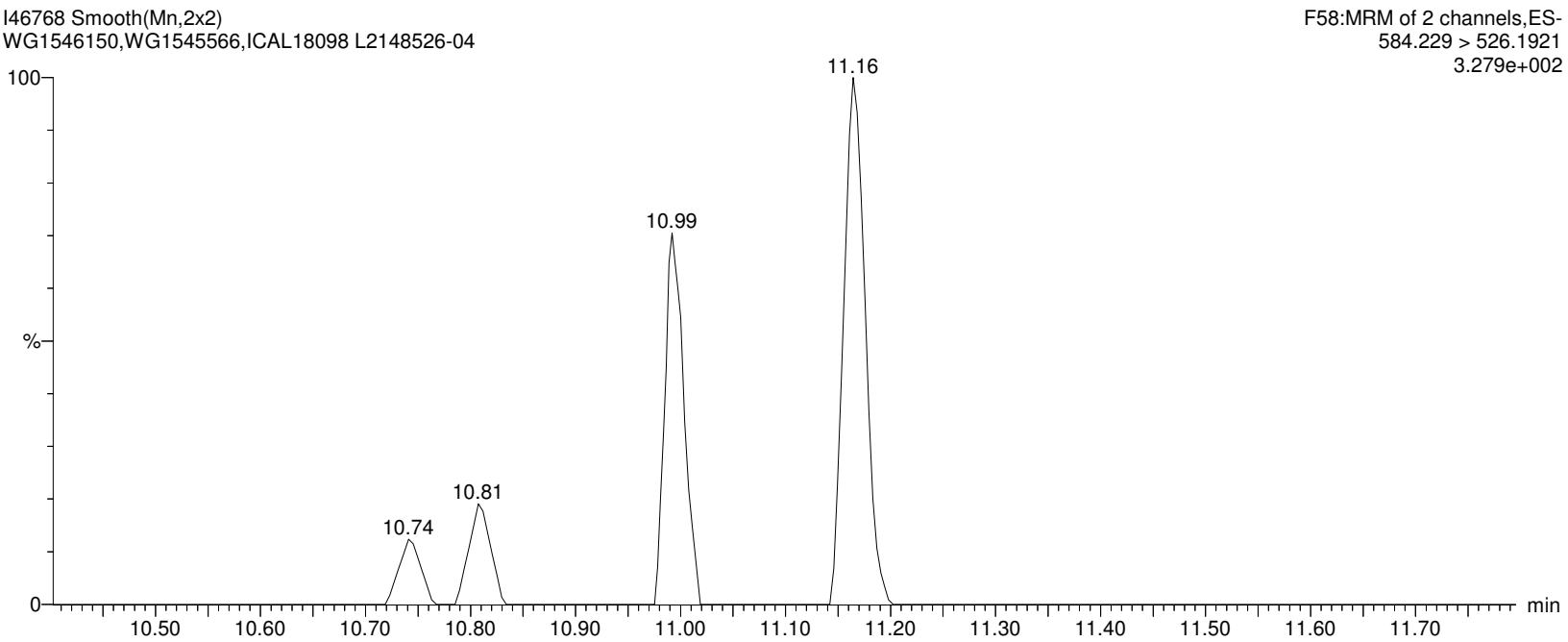
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:04 Eastern Daylight Time

Name: I46768
ID: L2148526-04
Date: 15-Sep-2021
Time: 06:15:28
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NEtFOSAA



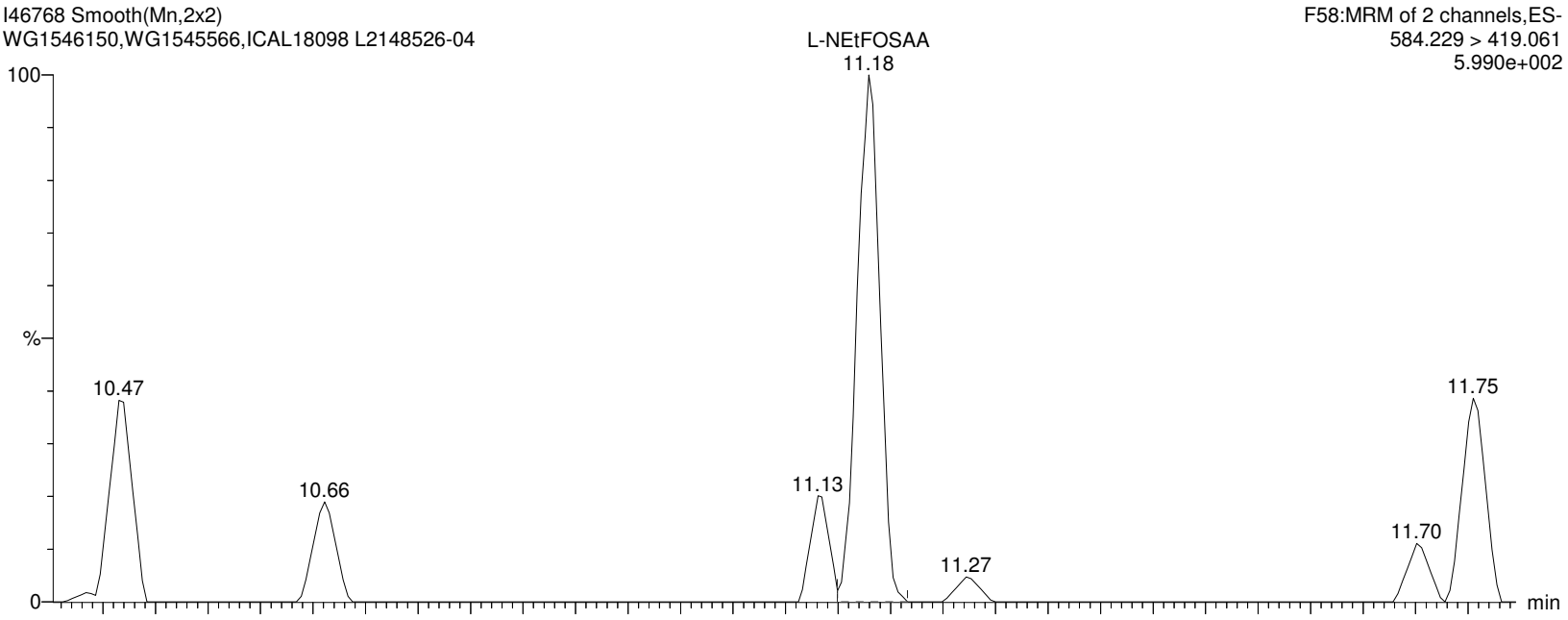


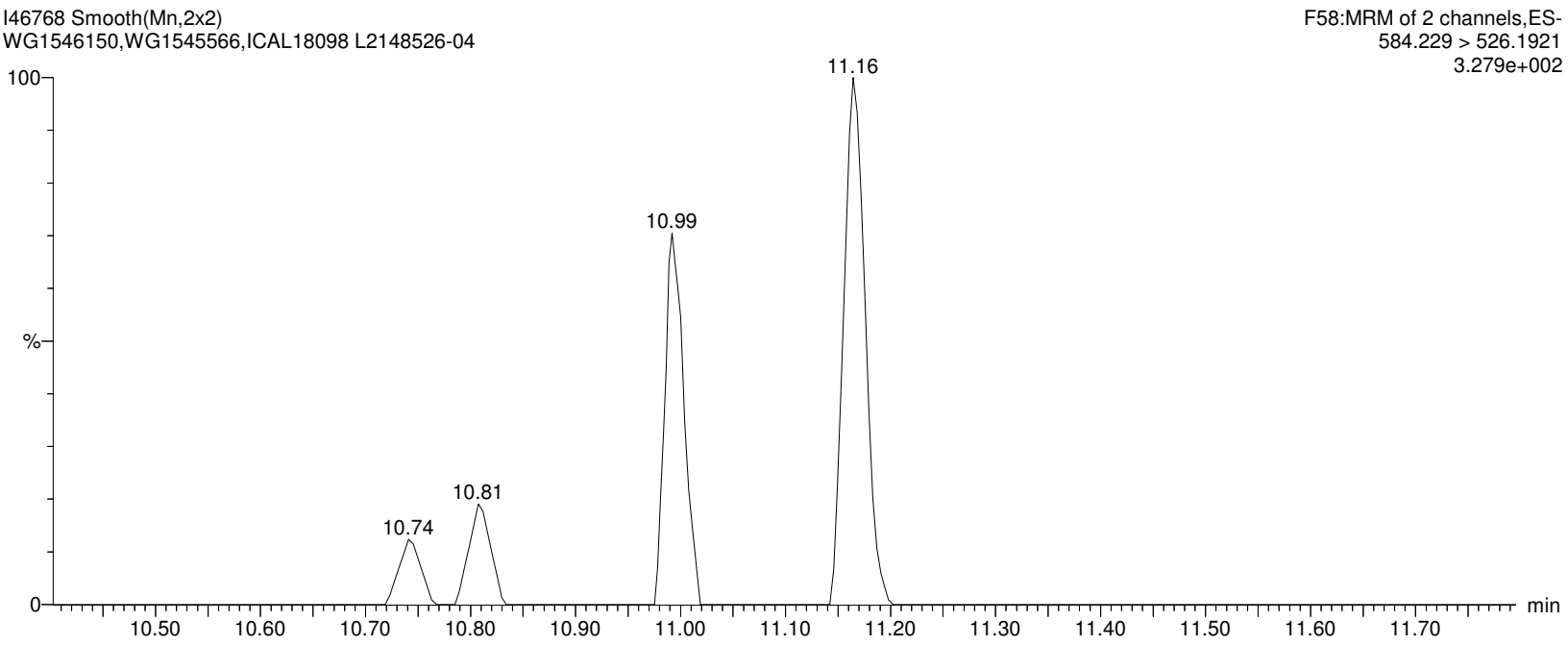
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:04 Eastern Daylight Time

Name: I46768
ID: L2148526-04
Date: 15-Sep-2021
Time: 06:15:28
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSAA



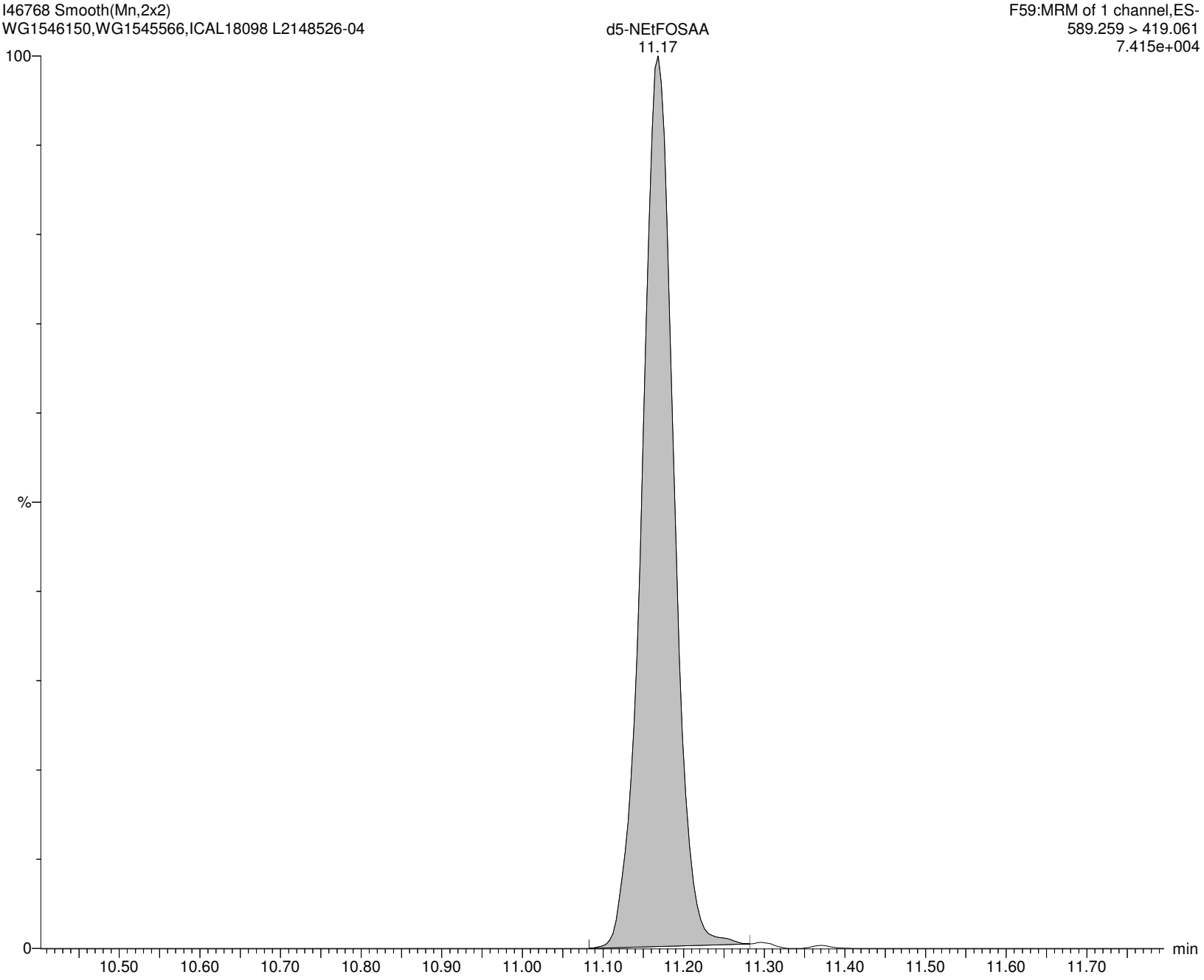


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:04 Eastern Daylight Time

Name: I46768
ID: L2148526-04
Date: 15-Sep-2021
Time: 06:15:28
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSAA

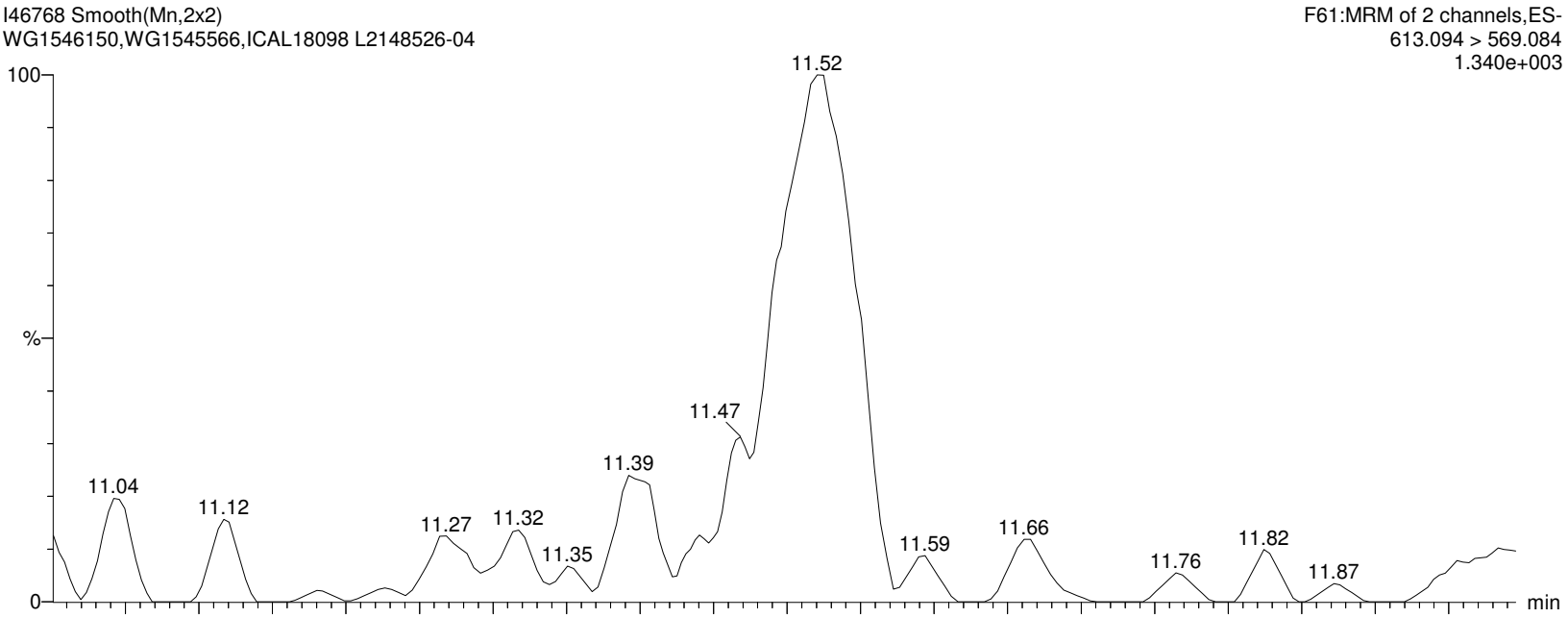


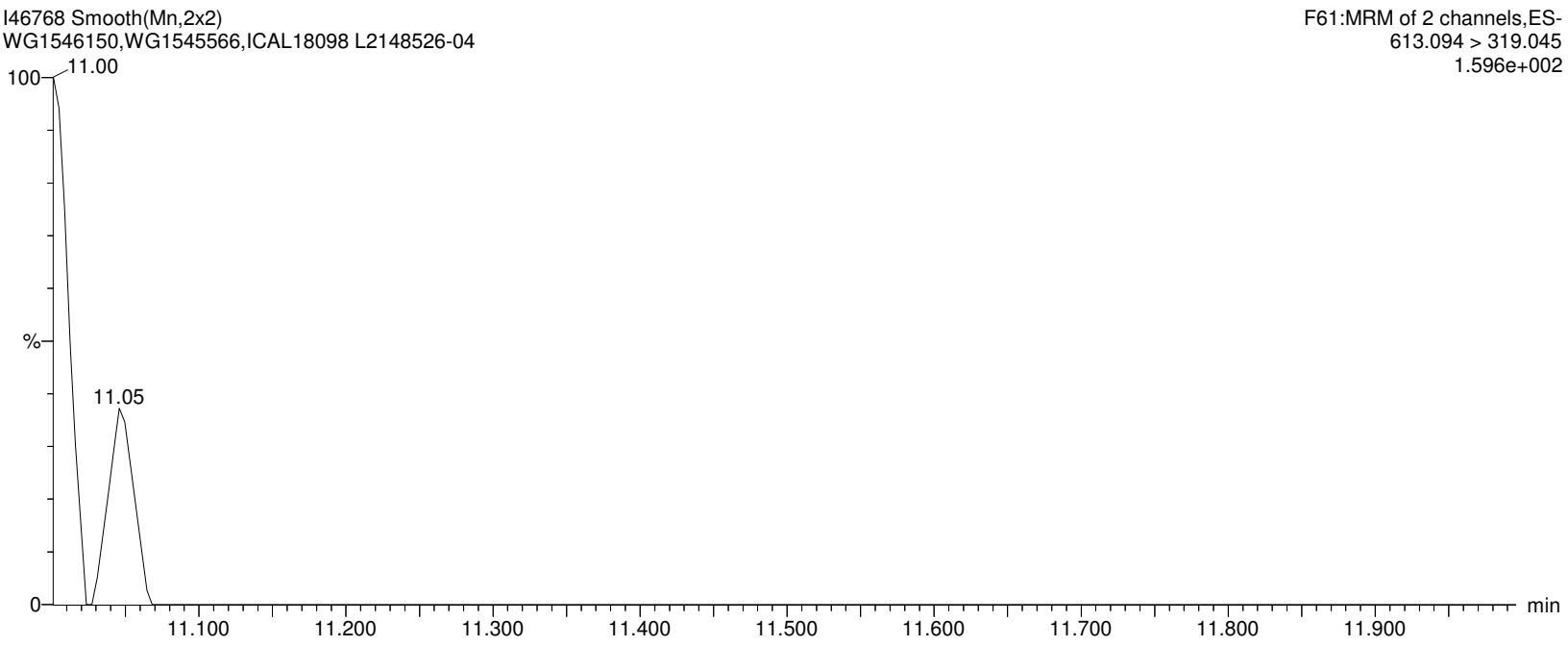
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:04 Eastern Daylight Time

Name: I46768
ID: L2148526-04
Date: 15-Sep-2021
Time: 06:15:28
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoA



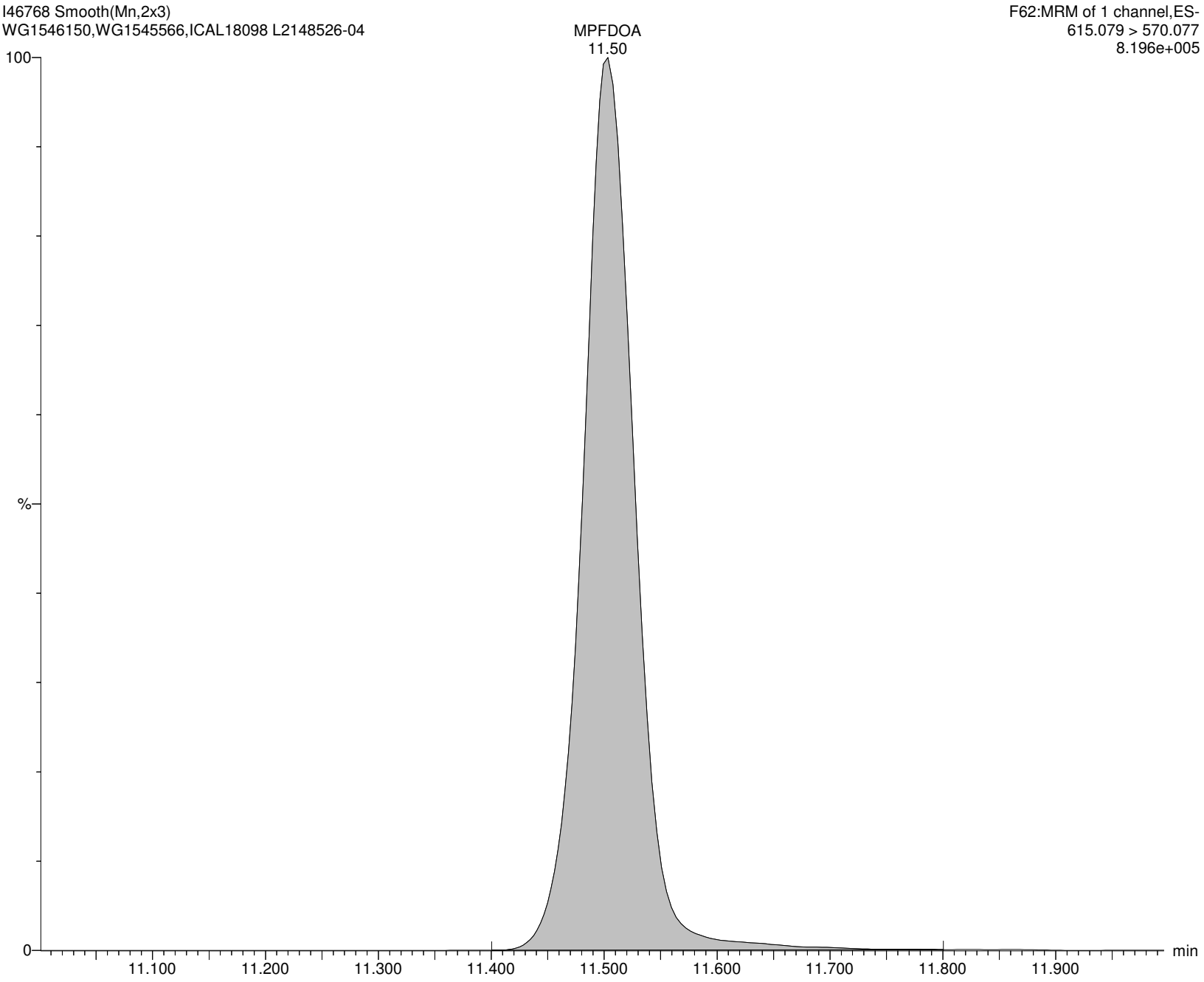


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:04 Eastern Daylight Time

Name: I46768
ID: L2148526-04
Date: 15-Sep-2021
Time: 06:15:28
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFDOA

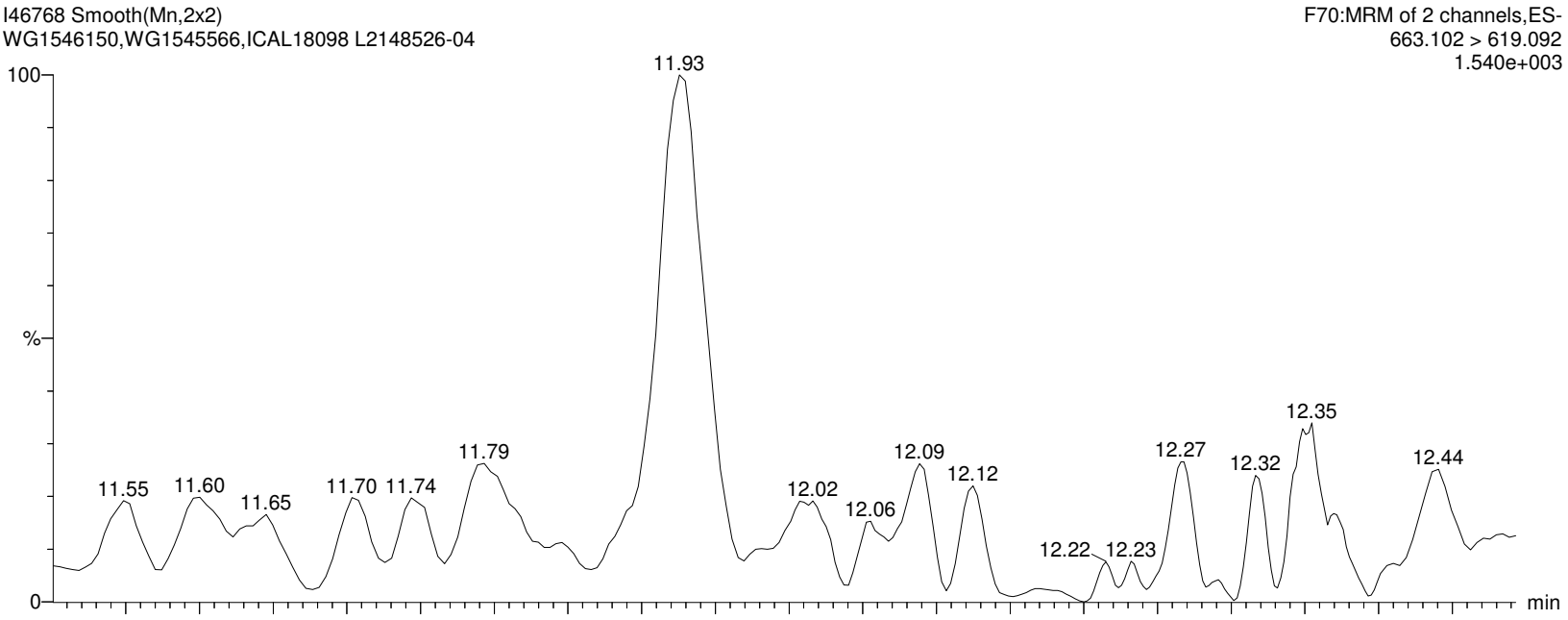


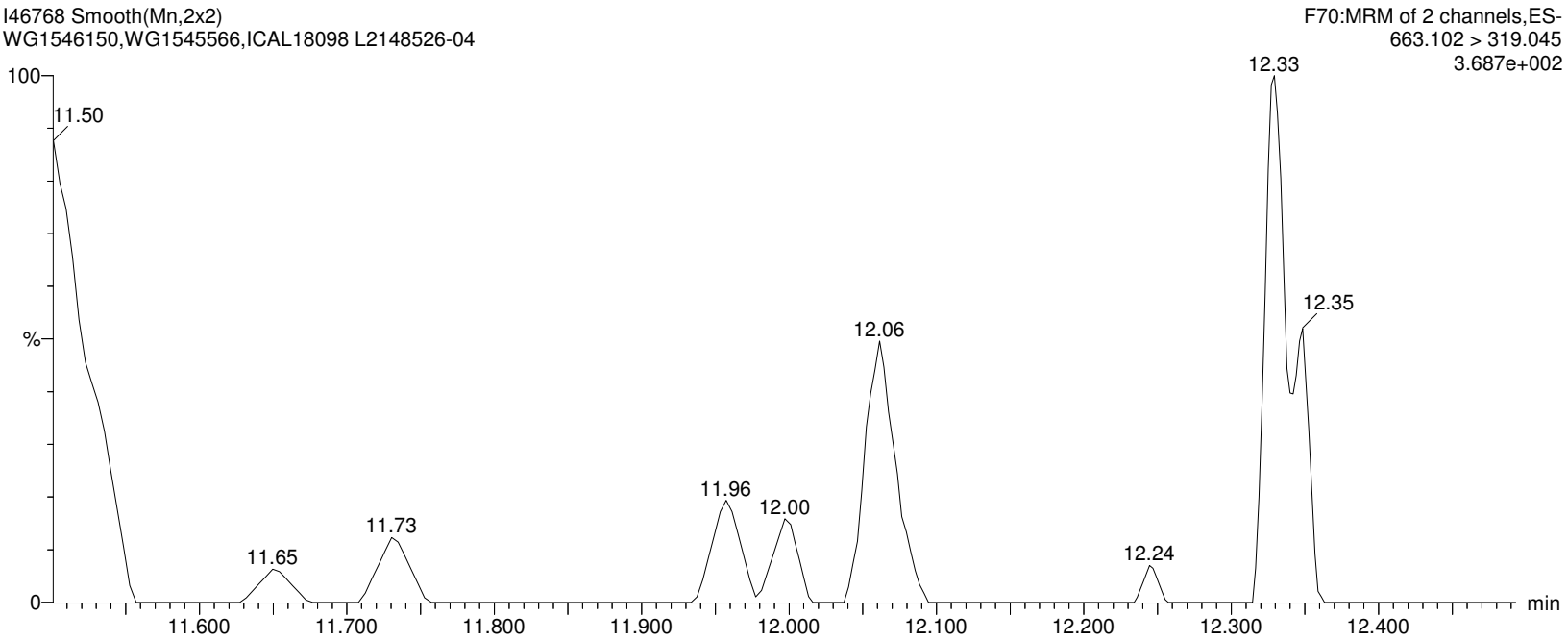
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:04 Eastern Daylight Time

Name: I46768
ID: L2148526-04
Date: 15-Sep-2021
Time: 06:15:28
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTrDA



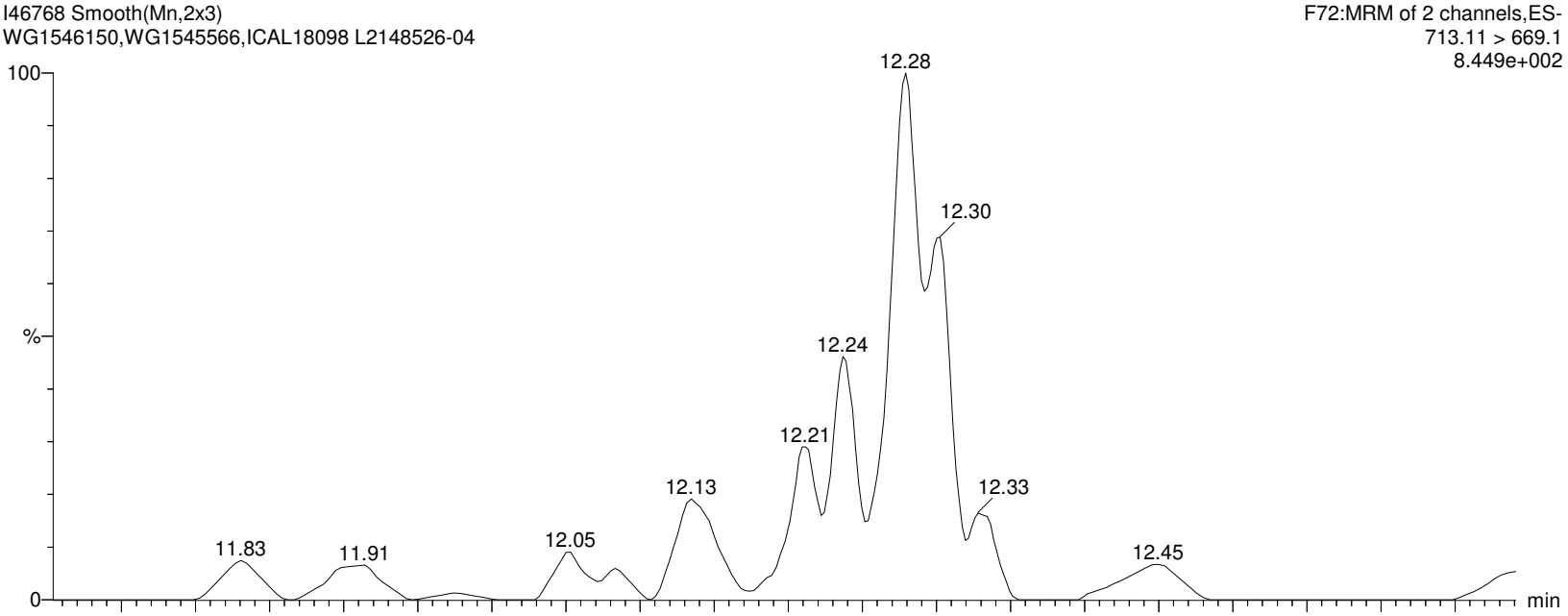


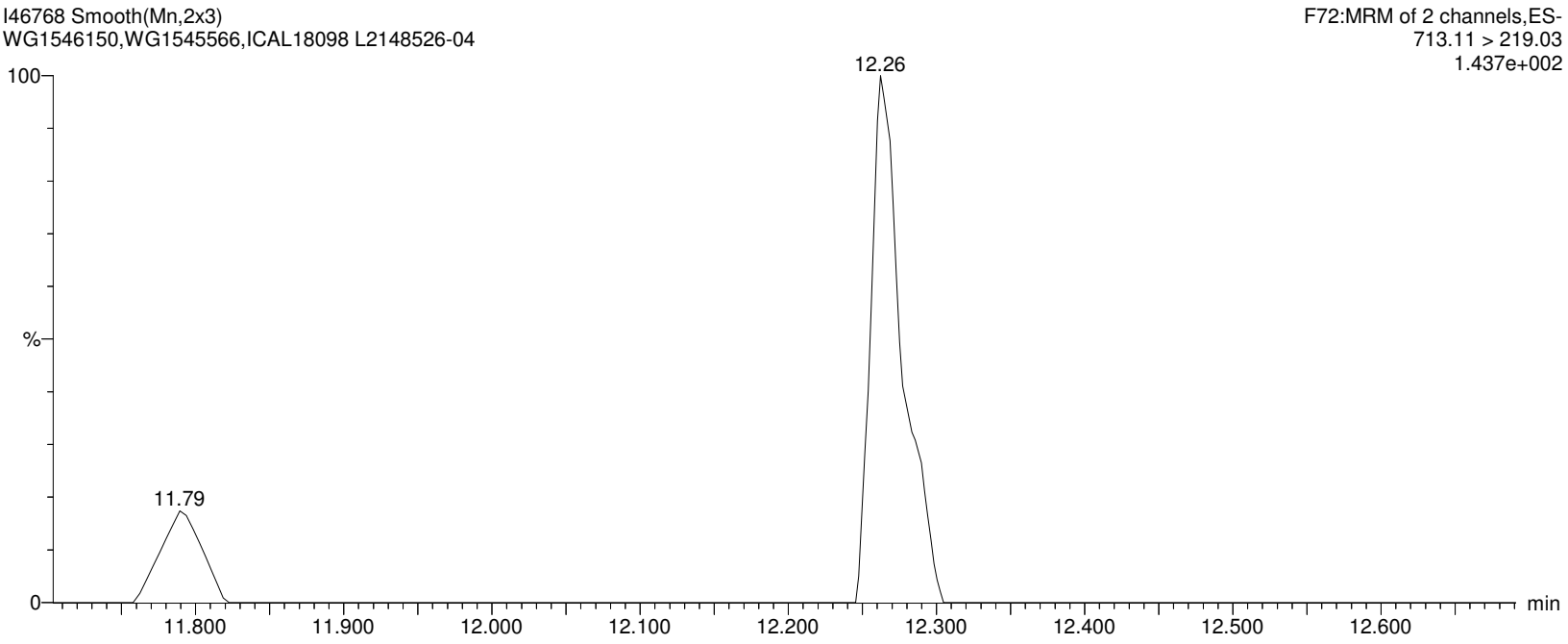
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:04 Eastern Daylight Time

Name: I46768
ID: L2148526-04
Date: 15-Sep-2021
Time: 06:15:28
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTA



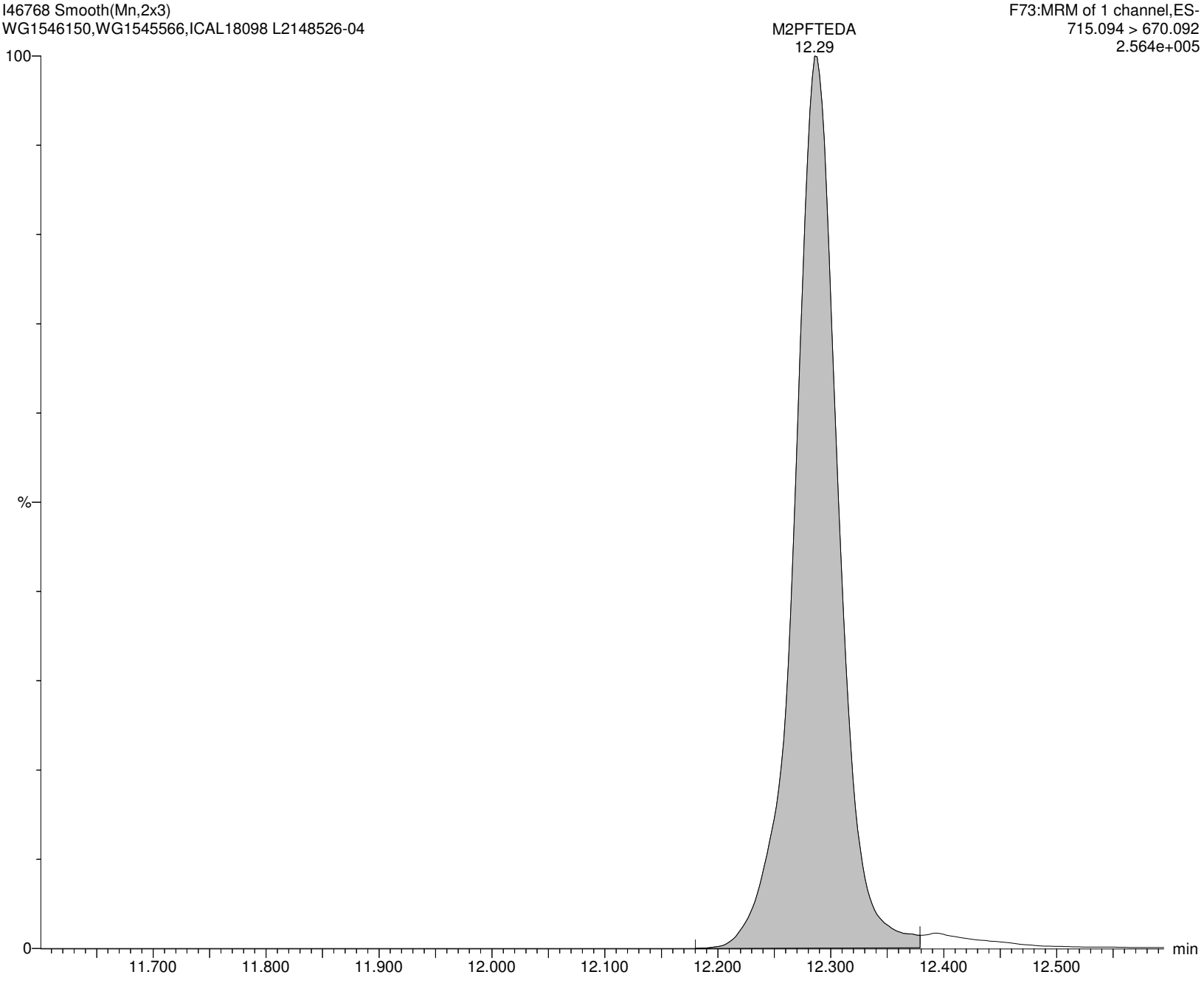


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:04 Eastern Daylight Time

Name: I46768
ID: L2148526-04
Date: 15-Sep-2021
Time: 06:15:28
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFTEDA



all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:06 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210914_537ISO.PRO\MethDB\537ISO_Q_210625_TOP_RT2.mdb 03 Sep 2021 08:44:20
Calibration: C:\MassLynx\Data\2021\210914_537ISO.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

ID: L2148526-05
Name: I46769
Date: 15-Sep-2021
Time: 06:32:02
Description: WG1546150,WG1545566,ICAL18098
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:SG
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.09	213.032 > 169.022	6445		1.391		na	
2	M3PFBA	INT STD	2.09	216.009 > 171.999	45042		8.580		na	85.8
3	MPFBA	INT STD	2.09	217.001 > 171.999	52056		10.748		na	107.5
4	PFPeA	2706-90-3	4.98	263.039 > 219.03	3196		0.627		na	
5	M5PFPEA	INT STD	4.98	268.001 > 222.999	54206		10.200		na	102.0
6	PFBS	375-73-5	5.63	299.092 > 80.062	405		0.344	1.95	NO	
7	M3PFBS	INT STD	5.63	302.069 > 80.062	10841		9.251		na	92.5
8	4:2FTS	757124-72-4		327.146 > 307.139			ND		YES	
9	M2-4:2FTS	INT STD	6.80	329.13 > 309.124	8655		18.431		na	184.3
10	PFHxA	307-24-4	6.88	313.047 > 269.037	3250		0.532	15.17	NO	
11	M5PFHxA	INT STD	6.87	318.009 > 273.007	57598		9.822		na	98.2
12	PFPeS	2706-91-4		349.1 > 80.062			ND		YES	
13	PFHpA	375-85-9	8.15	363.055 > 319.045	4818		0.528	5.47	NO	
14	M4PFHpA	INT STD	8.15	367.025 > 322.022	90183		10.315		na	103.2
15	br-PFHxS	355-46-4		399.107 > 80.062			ND		YES	
16	L-PFHxS	355-46-4	8.31	399.107 > 80.062	142		0.096	1.10	NO	
17	PFHxS	355-46-4		399.107 > 80.062	142		0.096		na	
18	M3PFHxS	INT STD	8.31	402.084 > 80.062	13655		10.275		na	102.8
19	br-PFOA	335-67-1	8.87	413.063 > 369.053	690	M5,M7	0.074	3.00	NO	
20	L-PFOA	335-67-1	9.09	413.063 > 369.053	10356		1.105	8.33	NO	
21	PFOA	335-67-1		413.063 > 369.053	11047		1.179		na	
22	M8PFOA	INT STD	9.09	421.002 > 376.	97256		9.989		na	99.9
23	M2PFOA	INT STD	9.09	415.048 > 370.045	95901		9.055		na	90.5
24	6:2FTS	27619-97-2	9.05	427.161 > 407.155	5042		6.661	3.73	NO	
25	M2-6:2FTS	INT STD	9.05	429.146 > 409.14	7798		16.176		na	161.8
26	PFHpS	375-92-8		449.115 > 80.062			ND		YES	
27	PFNA	375-95-1	9.85	463.071 > 419.061	3363		0.500	3.41	NO	
28	M9PFNA	INT STD	9.85	472.002 > 427.	26927		9.628		na	96.3
29	br-PFOS	1763-23-1	9.65	499.123 > 80.062	511	M5,M7	0.388	2.76	NO	
30	L-PFOS	1763-23-1	9.90	499.123 > 80.062	581		0.545	1.78	NO	
31	PFOS	1763-23-1		499.123 > 80.062	1092		0.933		na	
32	M4PFOS	INT STD	9.90	503.093 > 80.062	10621		9.384		na	93.8
33	M8PFOS	INT STD	9.90	507.062 > 80.062	12109		10.174		na	101.7
34	PFDA	335-76-2	10.50	513.078 > 469.069	245	M7	0.042	6.02	NO	
35	M2PFDA	INT STD	10.50	515.053 > 469.934	53779		8.816		na	88.2
36	M6PFDA	INT STD	10.49	519.033 > 474.03	58542		9.590		na	95.9
37	8:2FTS	39108-34-4		527.177 > 507.171			ND		YES	
38	M2-8:2FTS	INT STD	10.49	529.162 > 509.155	4215		11.894		na	118.9
39	PFNS	68259-12-1		549.131 > 80.062			ND		YES	

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:06 Eastern Daylight Time

ID: L2148526-05
Name: I46769
Date: 15-Sep-2021
Time: 06:32:02
Description: WG1546150,WG1545566,ICAL18098
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:SG
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.89	573.22 > 419.061	4139		7.194		na	71.9
41	br-NMeFOSAA			570.202 > 419.061			ND		YES	
42	L-NMeFOSAA			570.202 > 419.061			ND		YES	
43	NMeFOSAA	2355-31-9		570.202 > 419.061	0		ND		na	
44	PFUnA	2058-94-8		563.086 > 519.076			ND		YES	
45	M7-PFUDA	INT STD	11.04	570.033 > 525.031	51113		8.979		na	89.8
46	PFDS	335-77-3		599.139 > 80.062			ND		YES	
47	FOSA	754-91-6		498.146 > 78.07			ND		YES	
48	M8FOSA	INT STD	10.97	506.077 > 78.07	13868		4.196		na	42.0
49	br-NEtFOSAA			584.229 > 419.061			ND		YES	
50	L-NEtFOSAA			584.229 > 419.061			ND		YES	
51	NEtFOSAA	2991-50-6		584.229 > 419.061	0		ND		na	
52	d5-NEtFOSAA	INT STD	11.18	589.259 > 419.061	3639		7.655		na	76.5
53	PFDoA	307-55-1		613.094 > 569.084			ND		YES	
54	MPFDOA	INT STD	11.52	615.079 > 570.077	46609		8.486		na	84.9
55	PFTrDA	72629-94-8		663.102 > 619.092			ND		YES	
56	PFTA	376-06-7		713.11 > 669.1			ND		YES	
57	M2PFTEDA	INT STD	12.29	715.094 > 670.092	13547		7.864		na	78.6

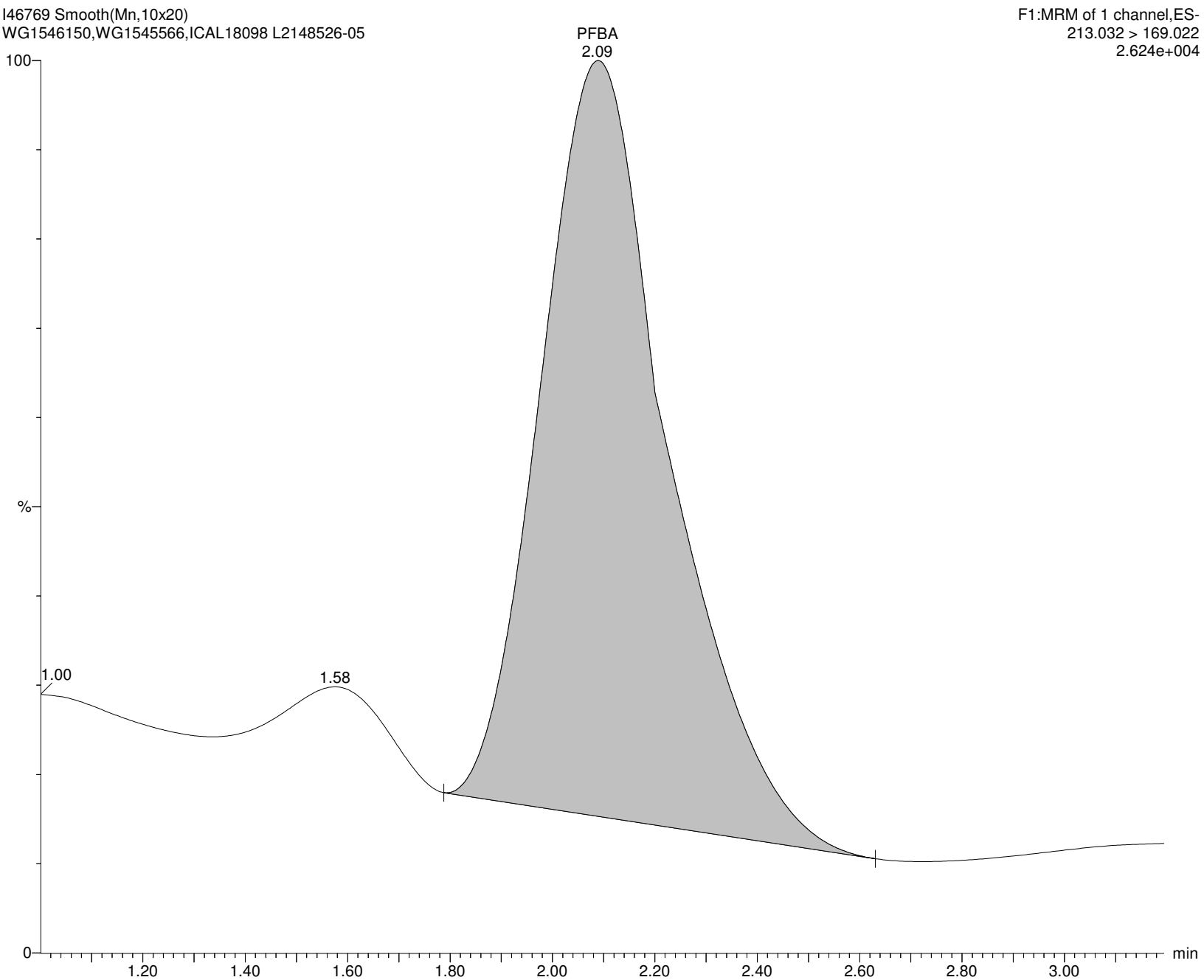
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:06 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210914_537ISO.PRO\MethDB\537ISO_Q_210625_TOP_RT2.mdb 03 Sep 2021 08:44:20
Calibration: C:\MassLynx\Data\2021\210914_537ISO.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

Name: I46769
ID: L2148526-05
Date: 15-Sep-2021
Time: 06:32:02
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBA

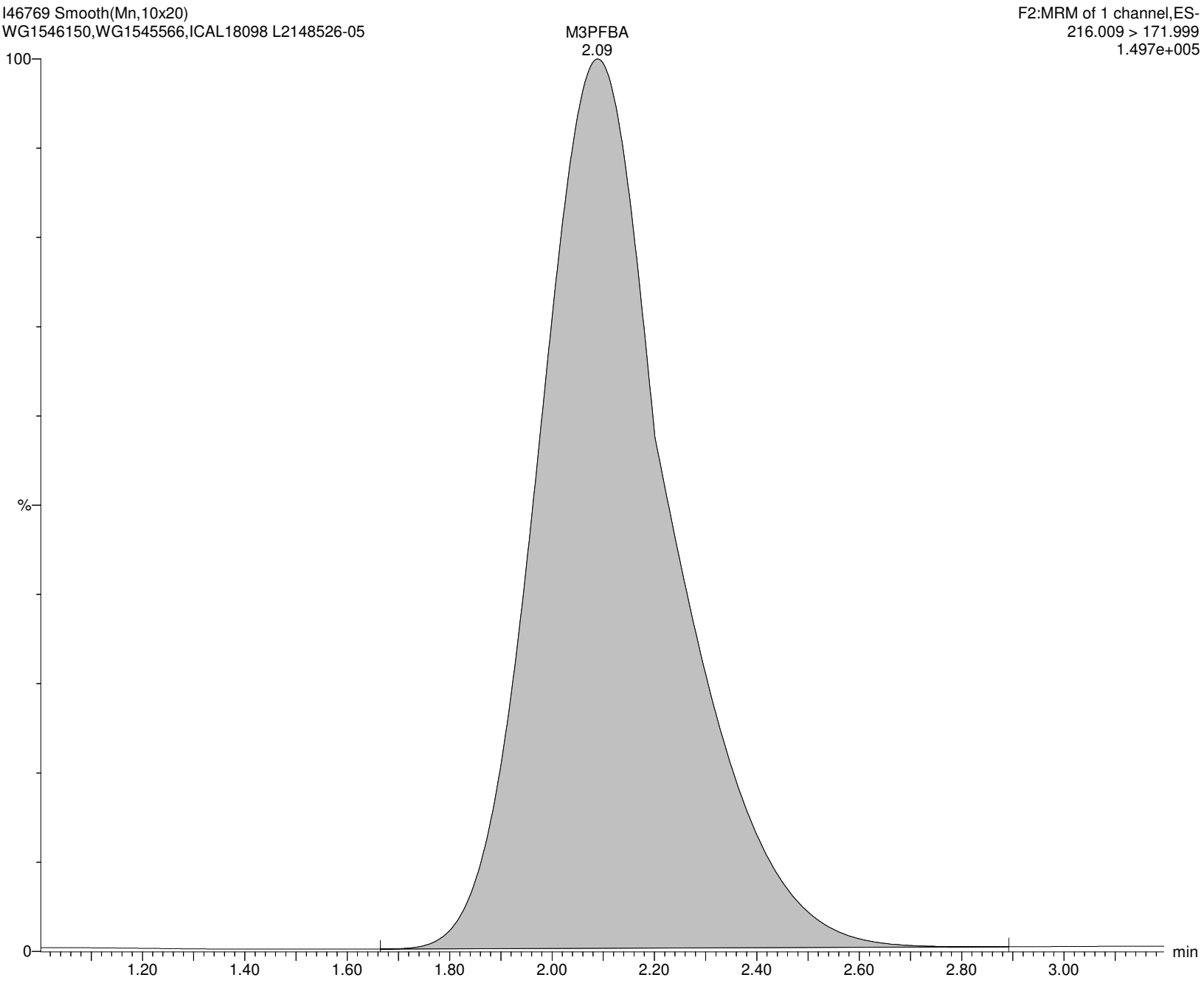


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:06 Eastern Daylight Time

Name: I46769
ID: L2148526-05
Date: 15-Sep-2021
Time: 06:32:02
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBA

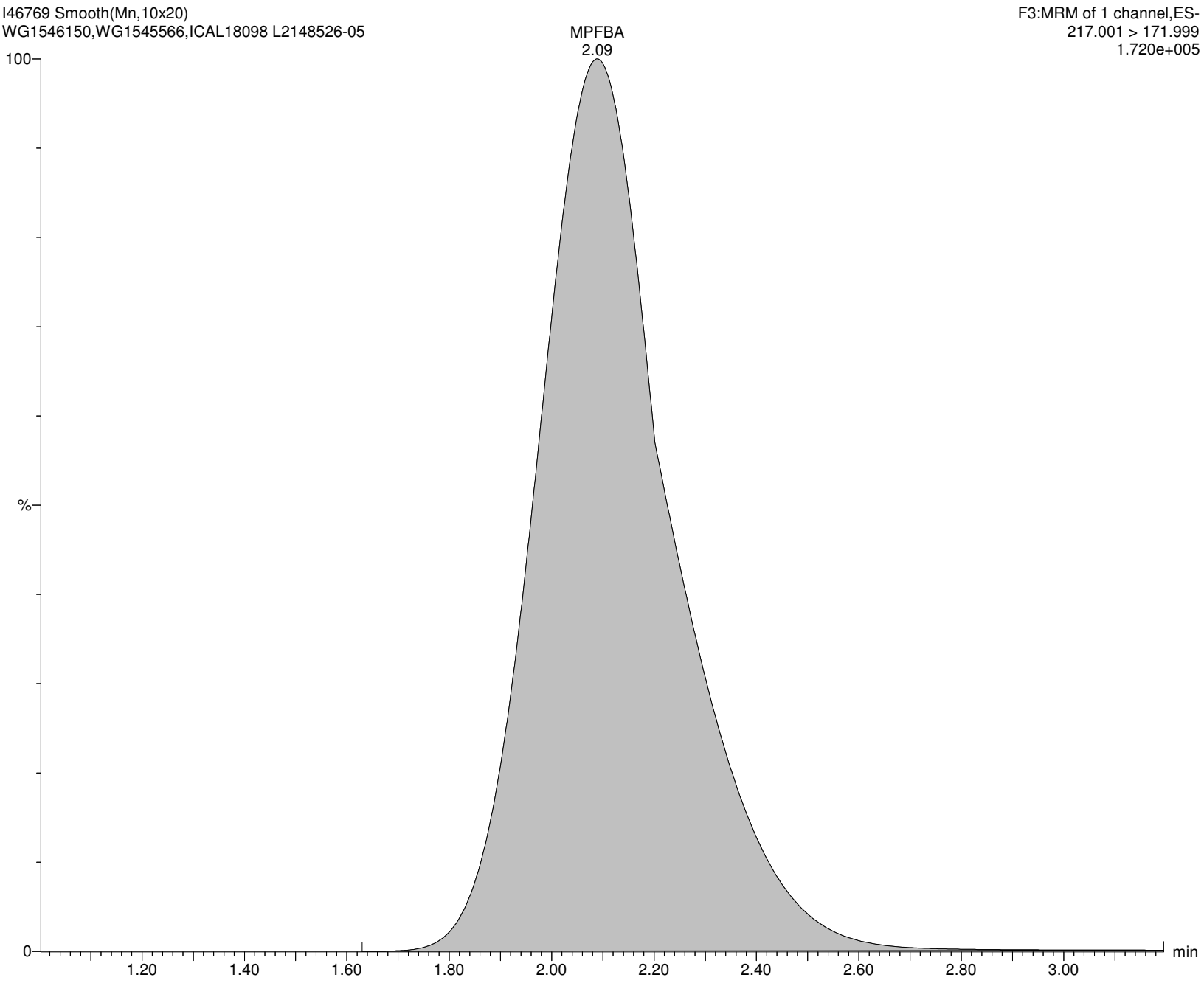


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:06 Eastern Daylight Time

Name: I46769
ID: L2148526-05
Date: 15-Sep-2021
Time: 06:32:02
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFBA

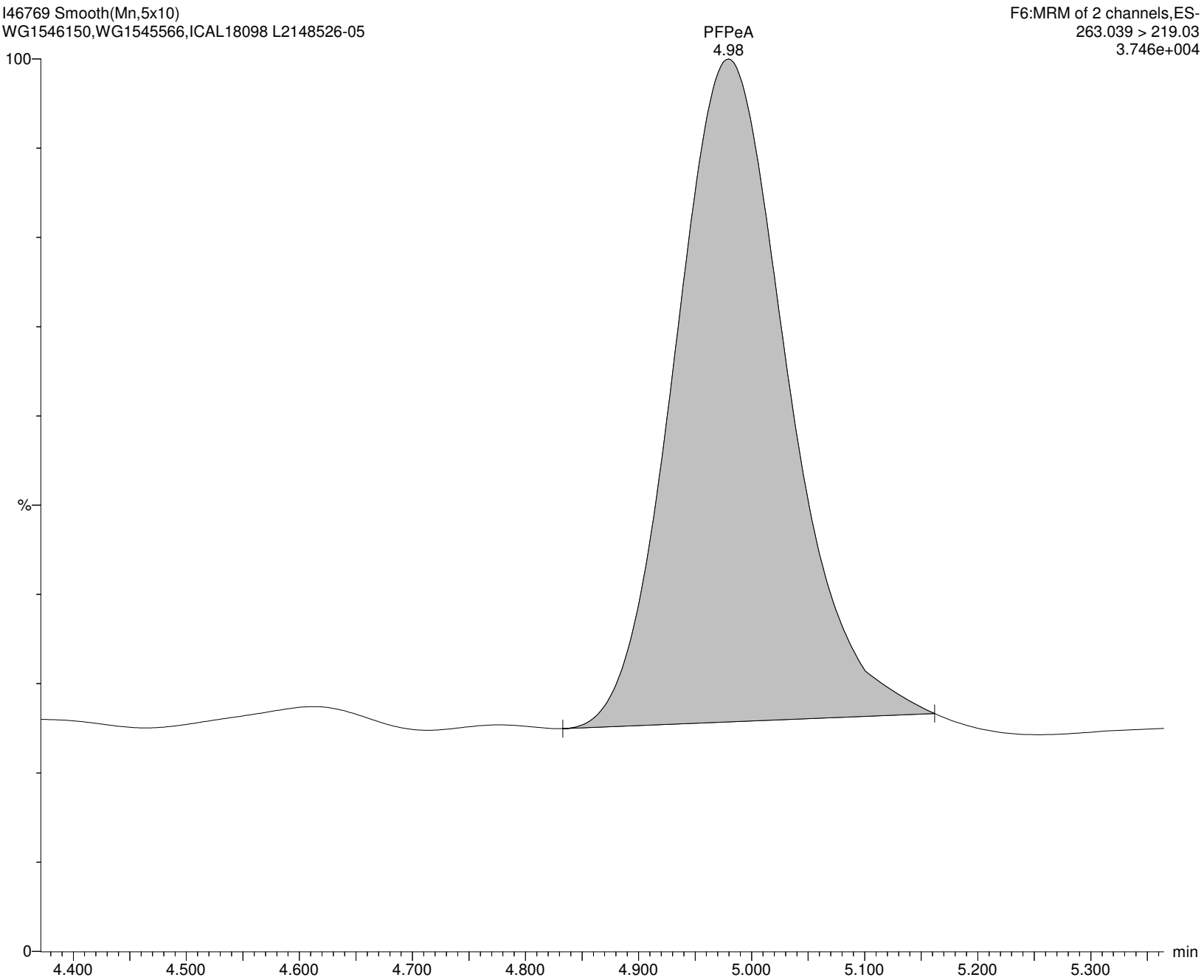


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:06 Eastern Daylight Time

Name: I46769
ID: L2148526-05
Date: 15-Sep-2021
Time: 06:32:02
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeA

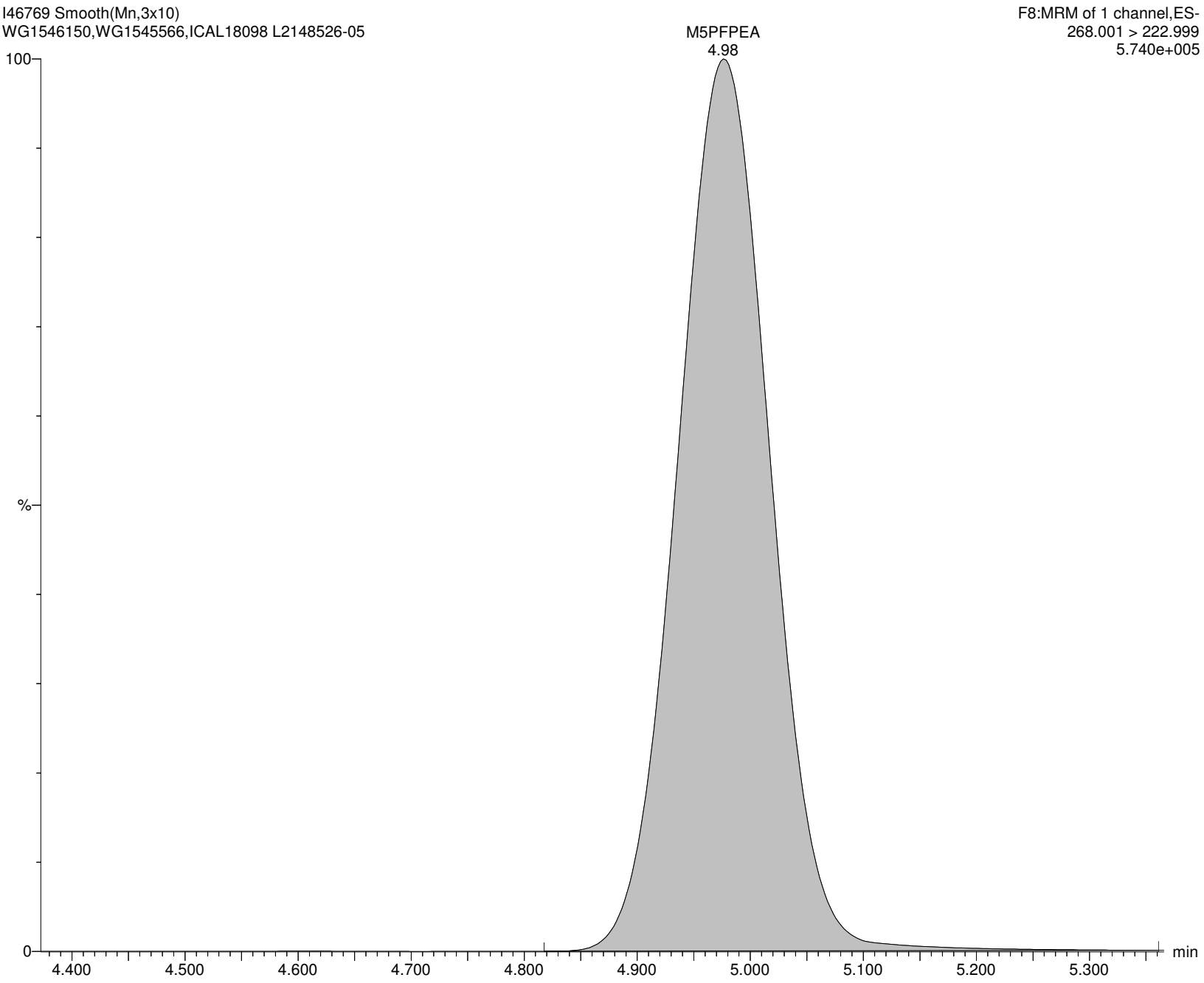


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:06 Eastern Daylight Time

Name: I46769
ID: L2148526-05
Date: 15-Sep-2021
Time: 06:32:02
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFPEA

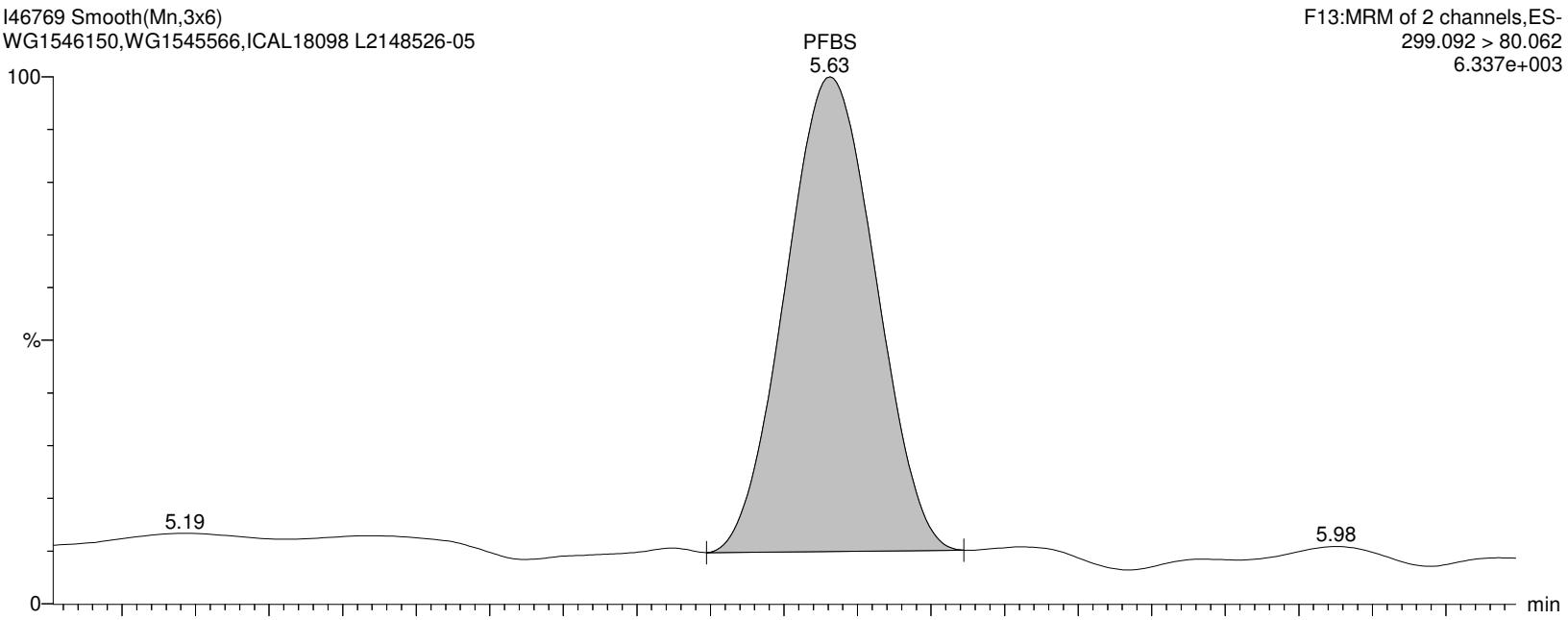


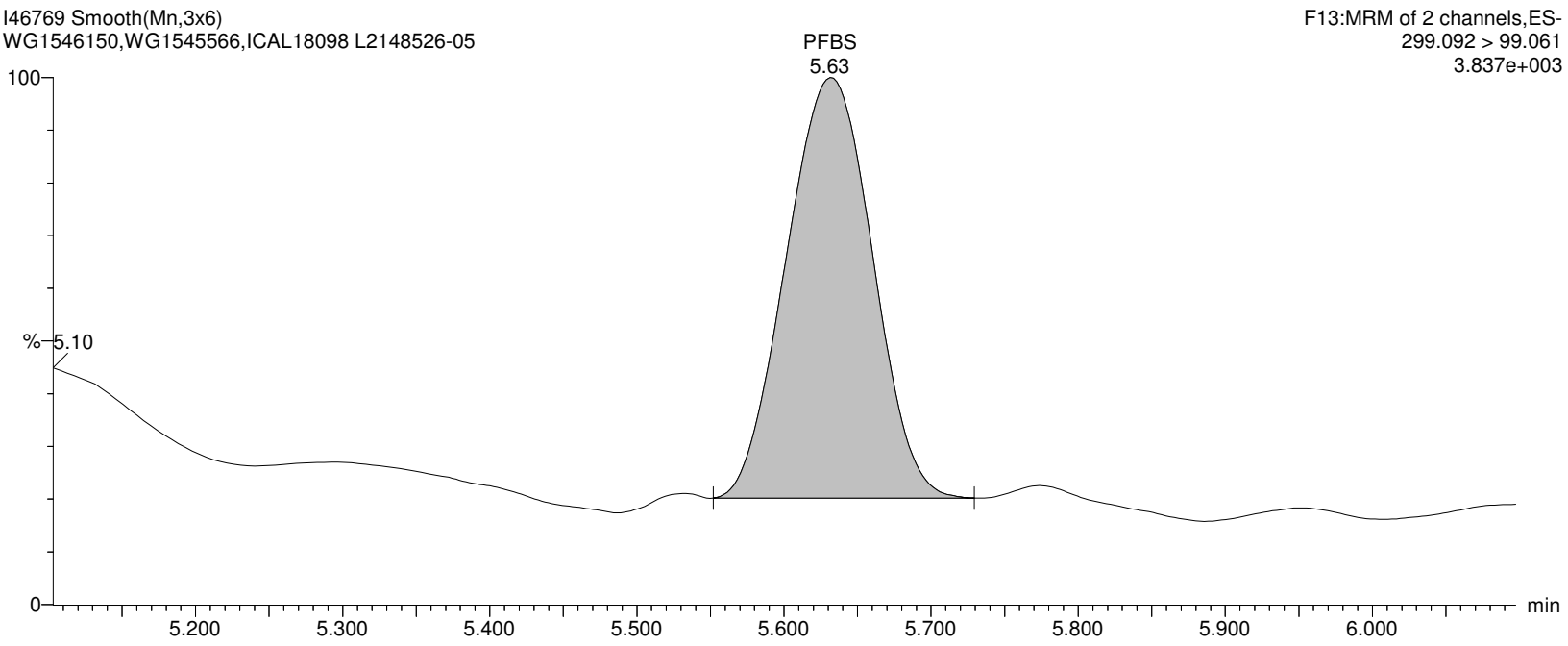
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:06 Eastern Daylight Time

Name: I46769
ID: L2148526-05
Date: 15-Sep-2021
Time: 06:32:02
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBS



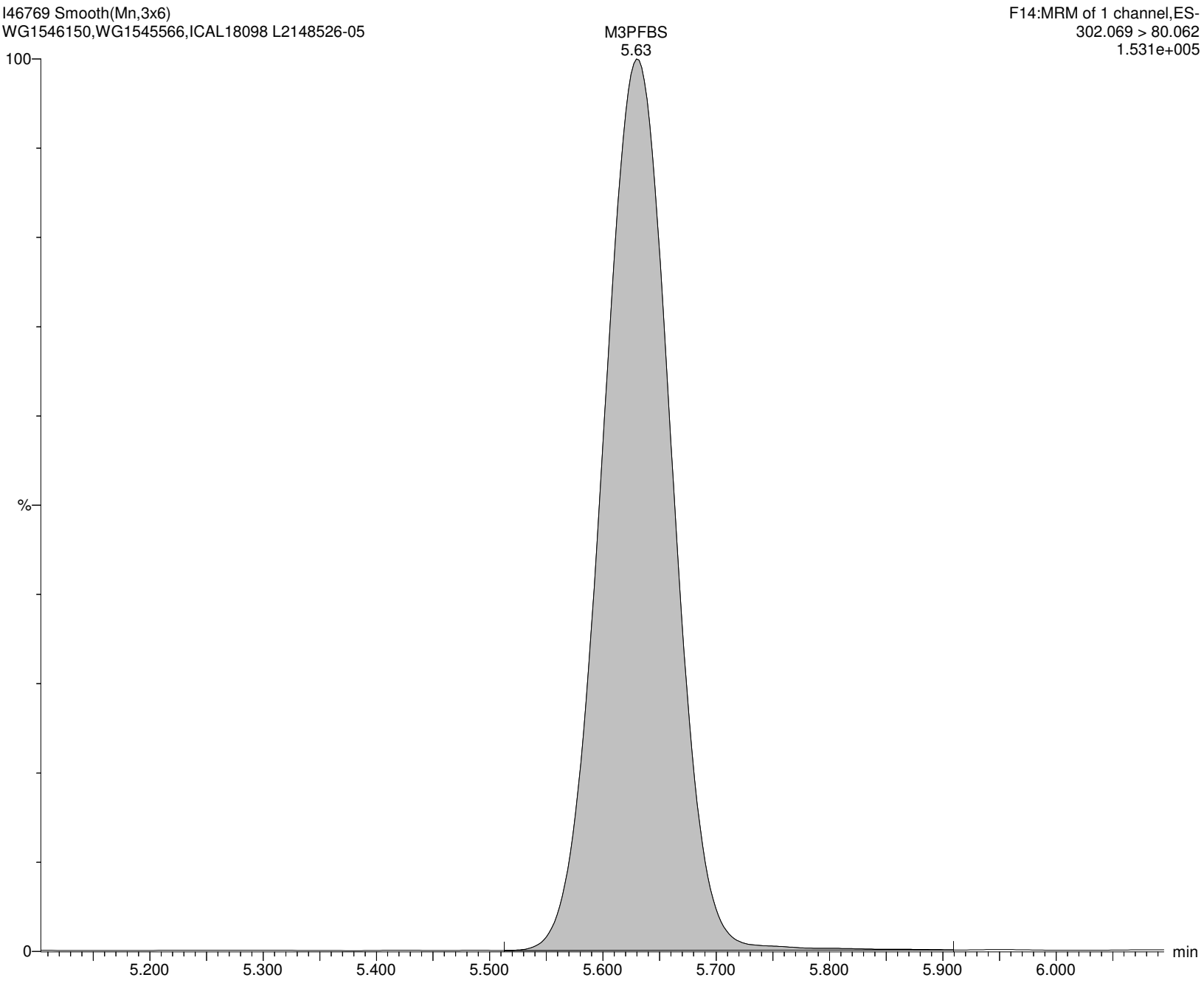


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:06 Eastern Daylight Time

Name: I46769
ID: L2148526-05
Date: 15-Sep-2021
Time: 06:32:02
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBS

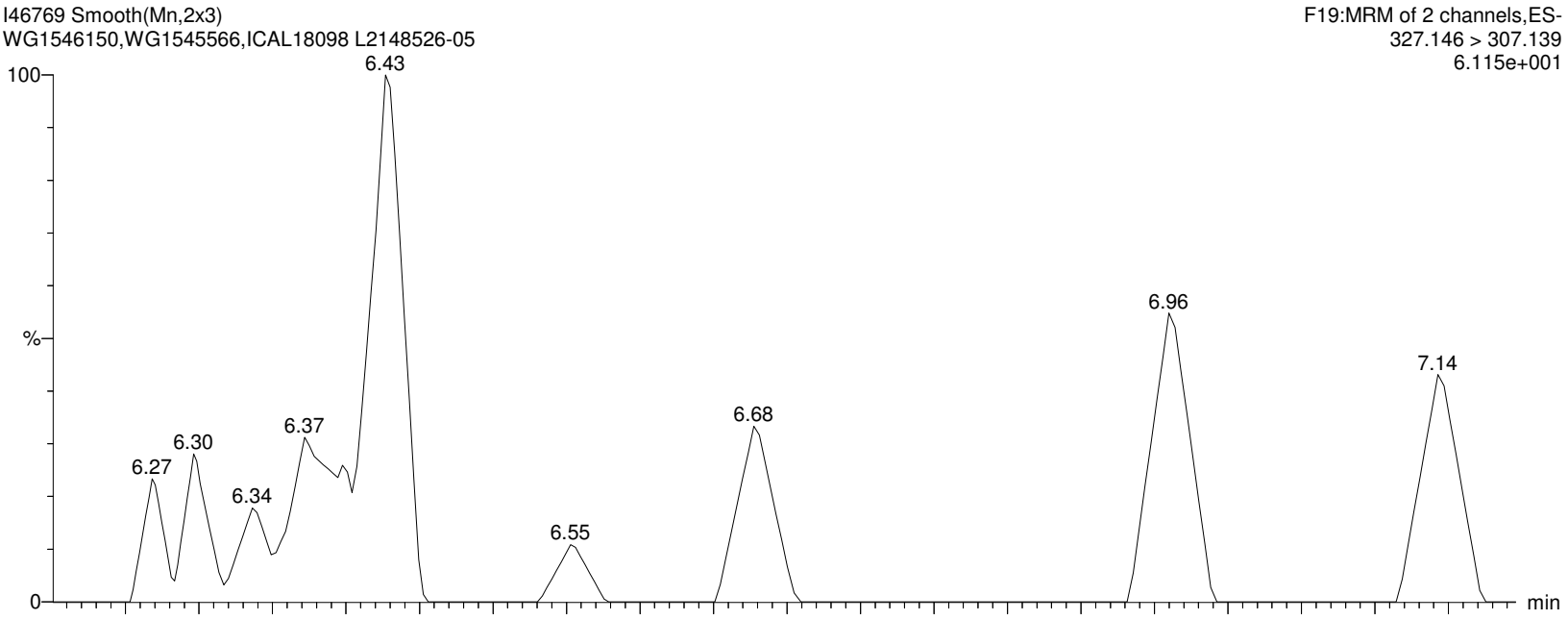


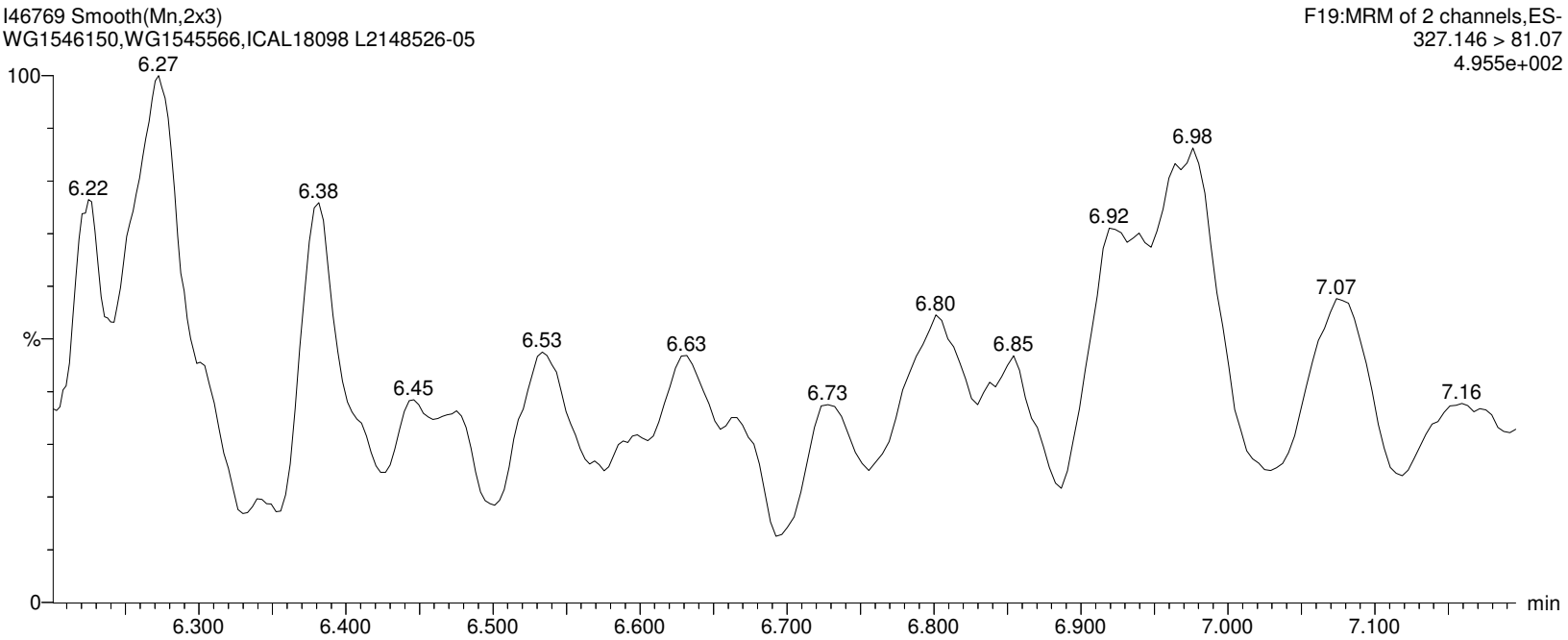
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:06 Eastern Daylight Time

Name: I46769
ID: L2148526-05
Date: 15-Sep-2021
Time: 06:32:02
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

4:2FTS



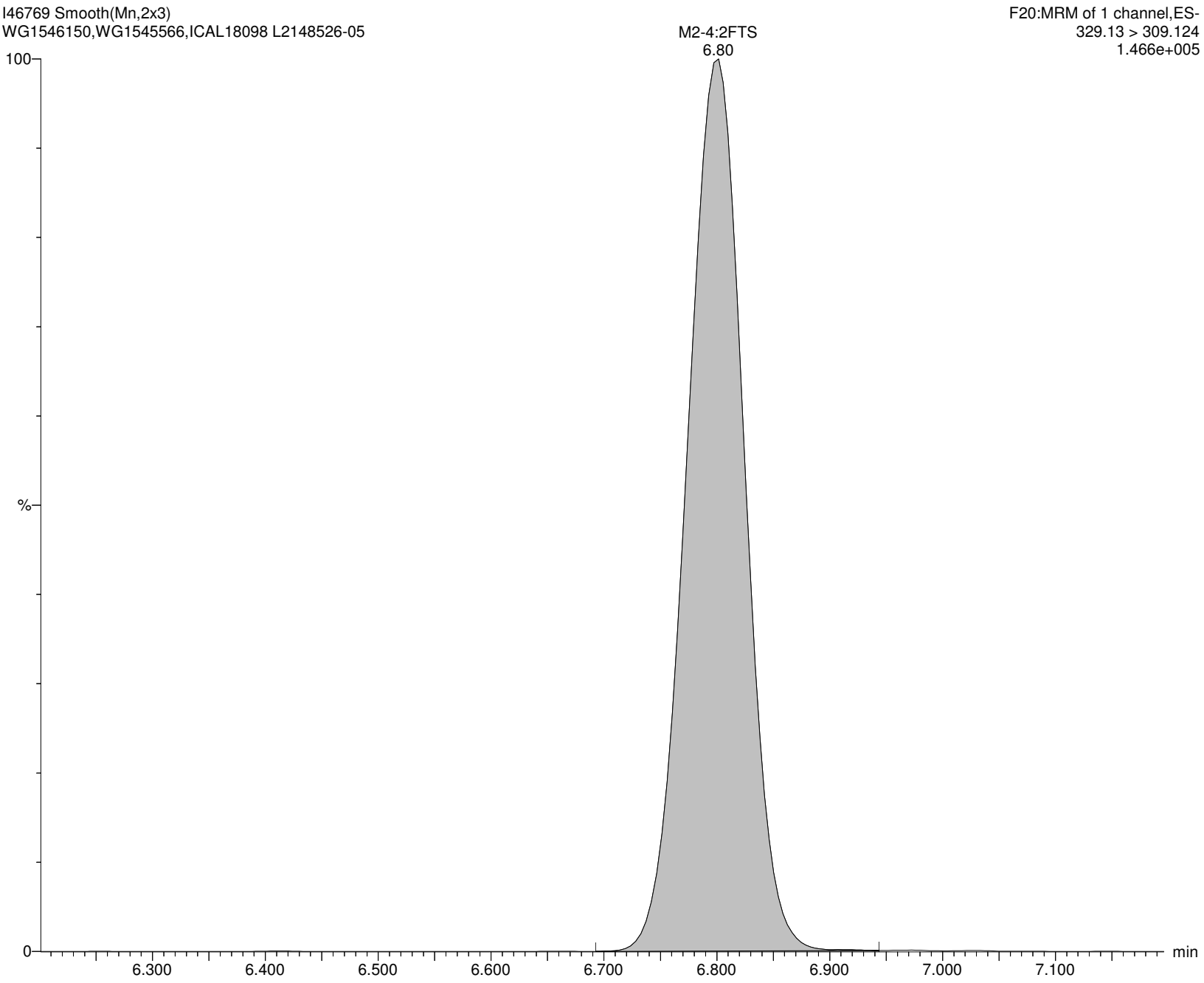


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:06 Eastern Daylight Time

Name: I46769
ID: L2148526-05
Date: 15-Sep-2021
Time: 06:32:02
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-4:2FTS

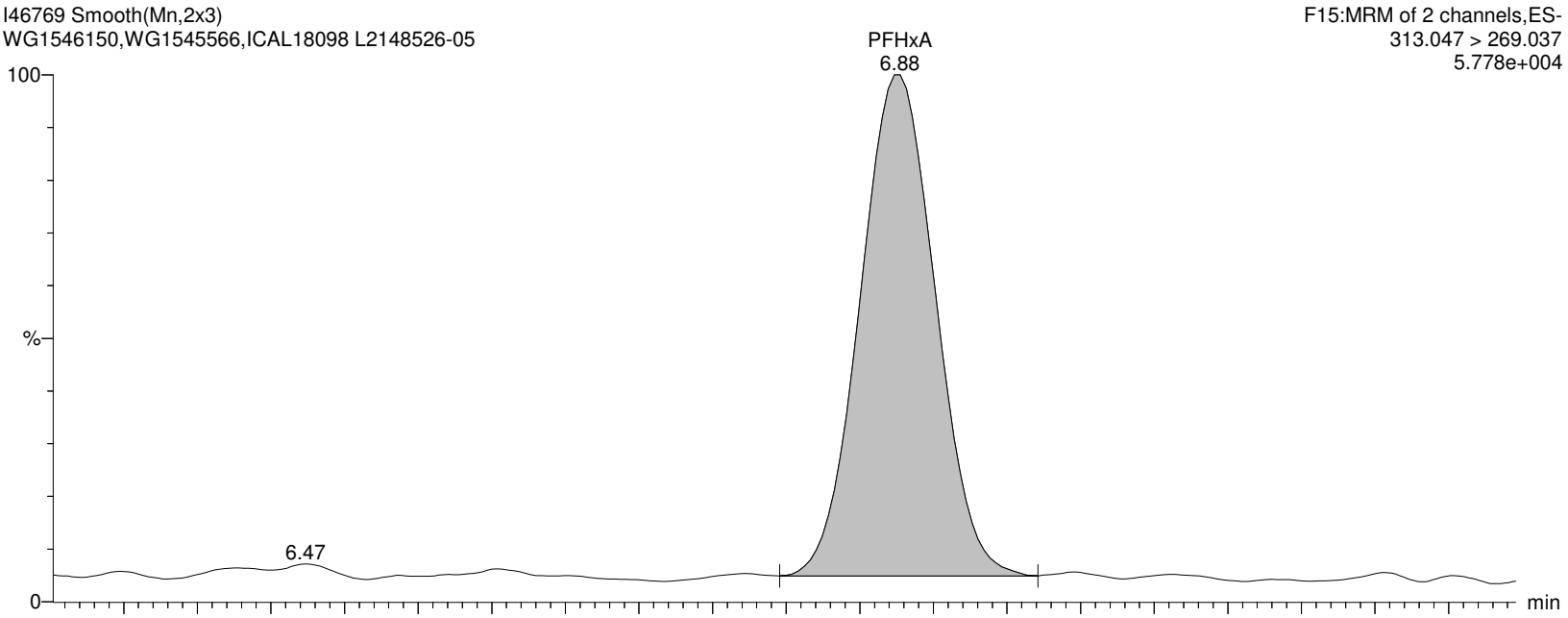


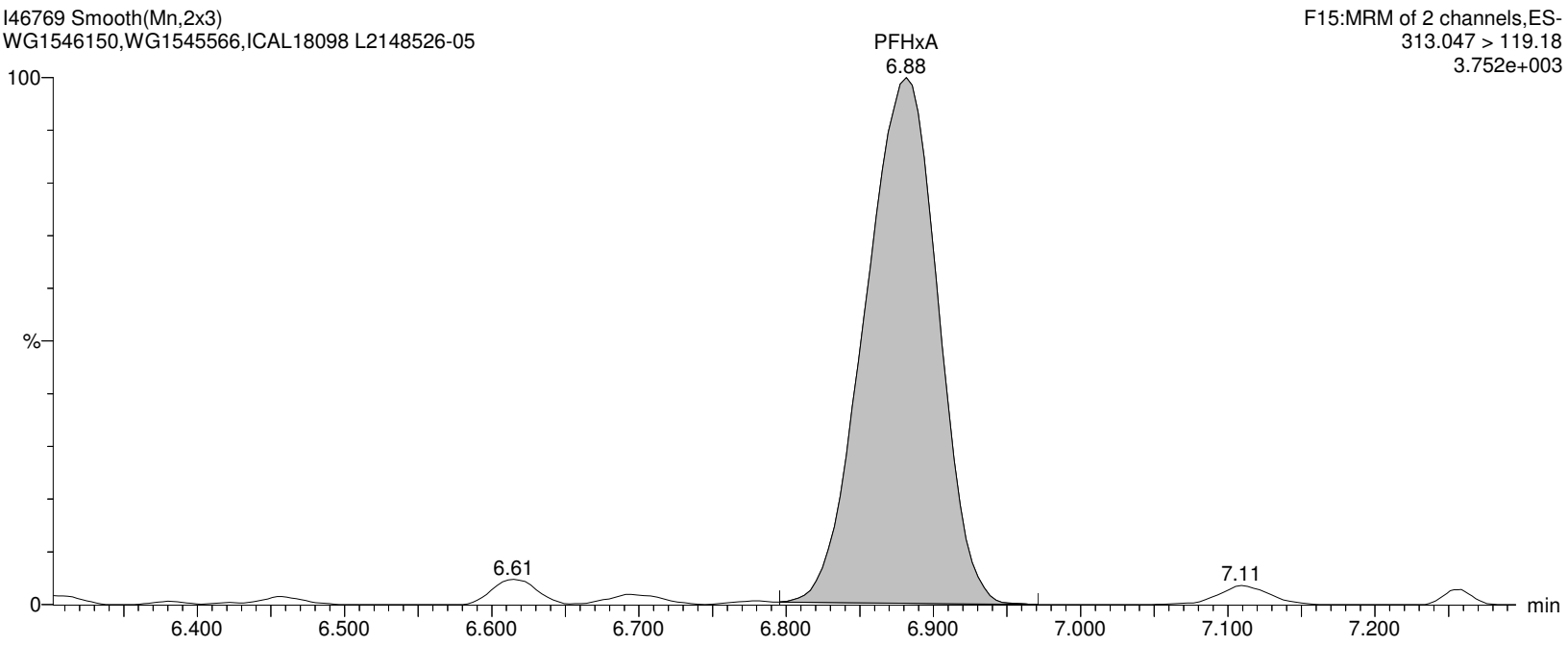
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:06 Eastern Daylight Time

Name: I46769
ID: L2148526-05
Date: 15-Sep-2021
Time: 06:32:02
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxA



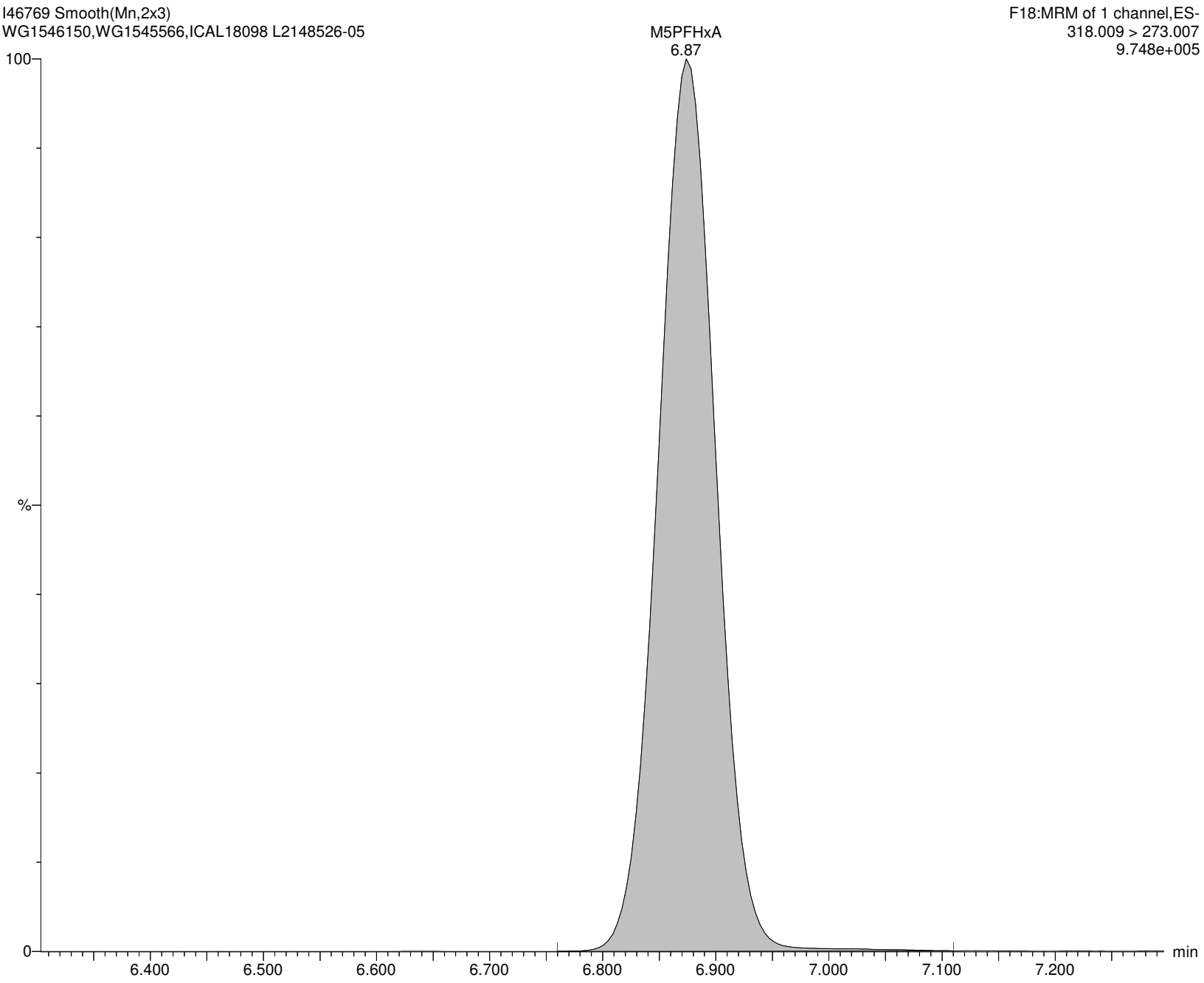


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:06 Eastern Daylight Time

Name: I46769
ID: L2148526-05
Date: 15-Sep-2021
Time: 06:32:02
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFHxA

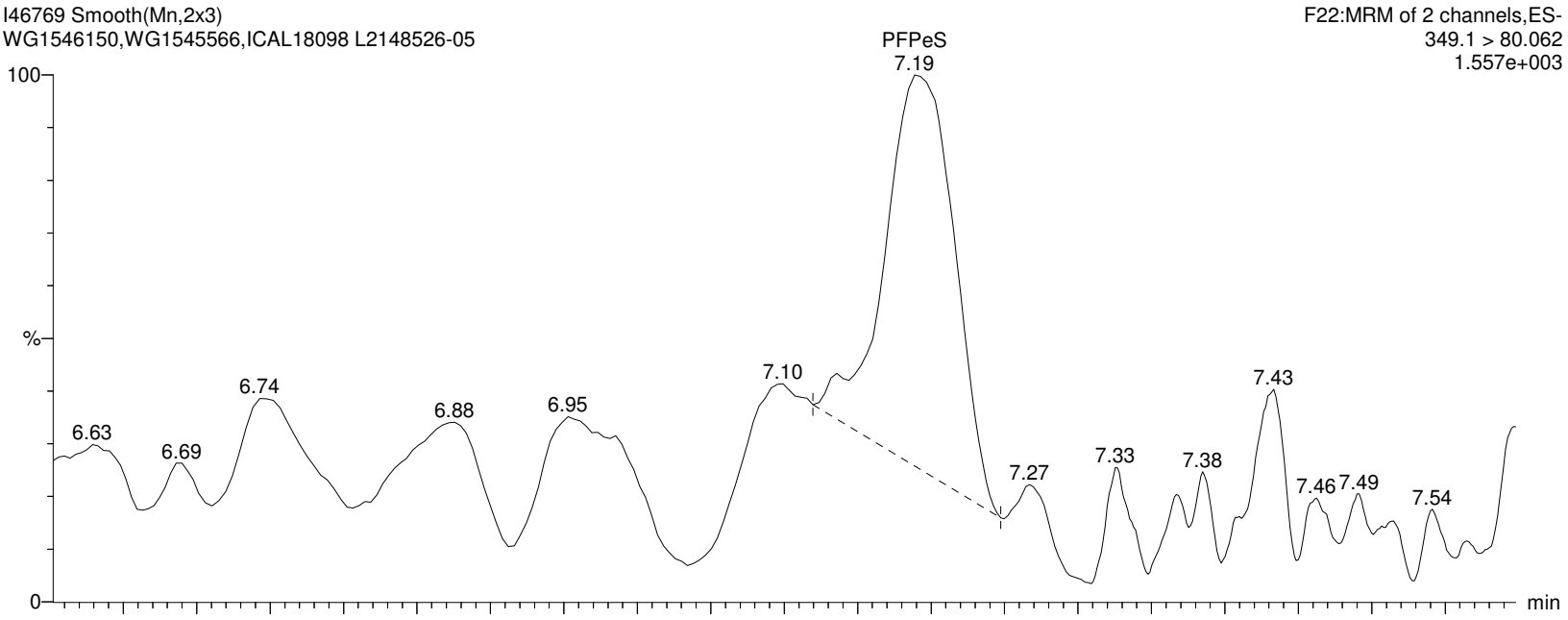


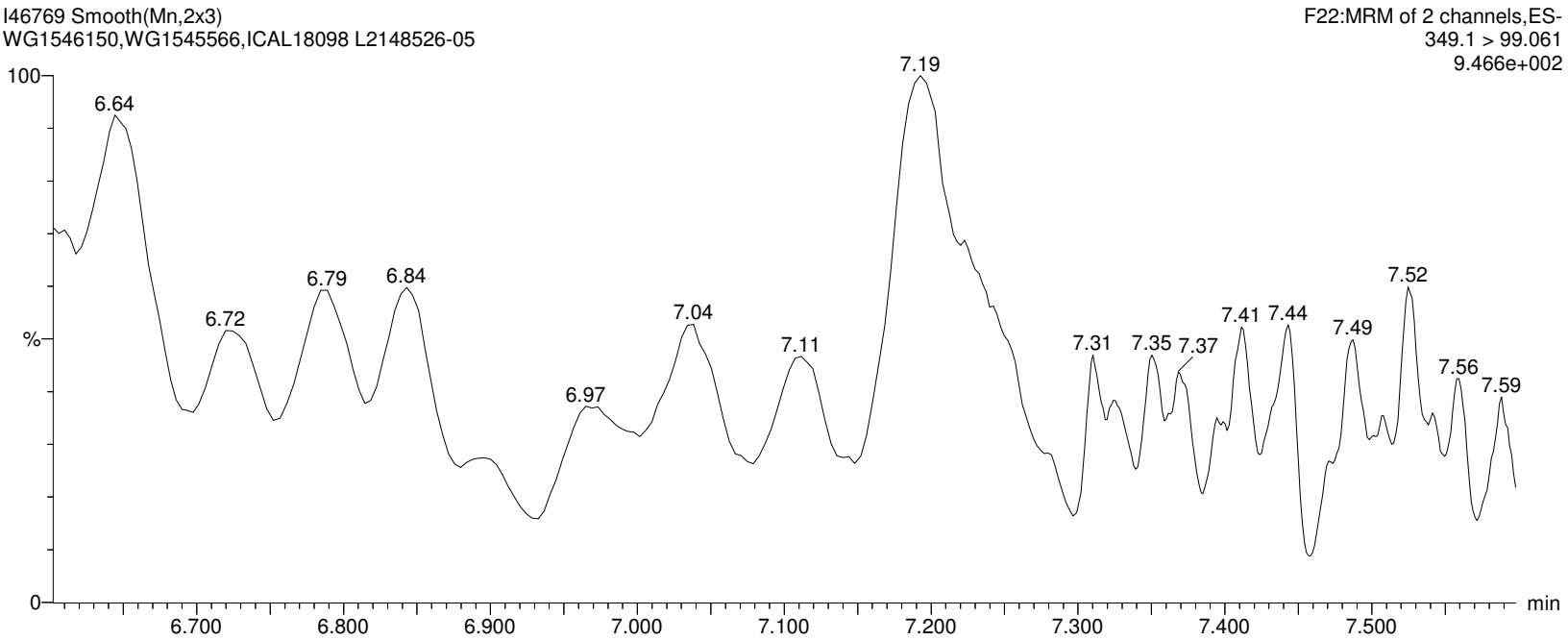
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:06 Eastern Daylight Time

Name: I46769
ID: L2148526-05
Date: 15-Sep-2021
Time: 06:32:02
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeS



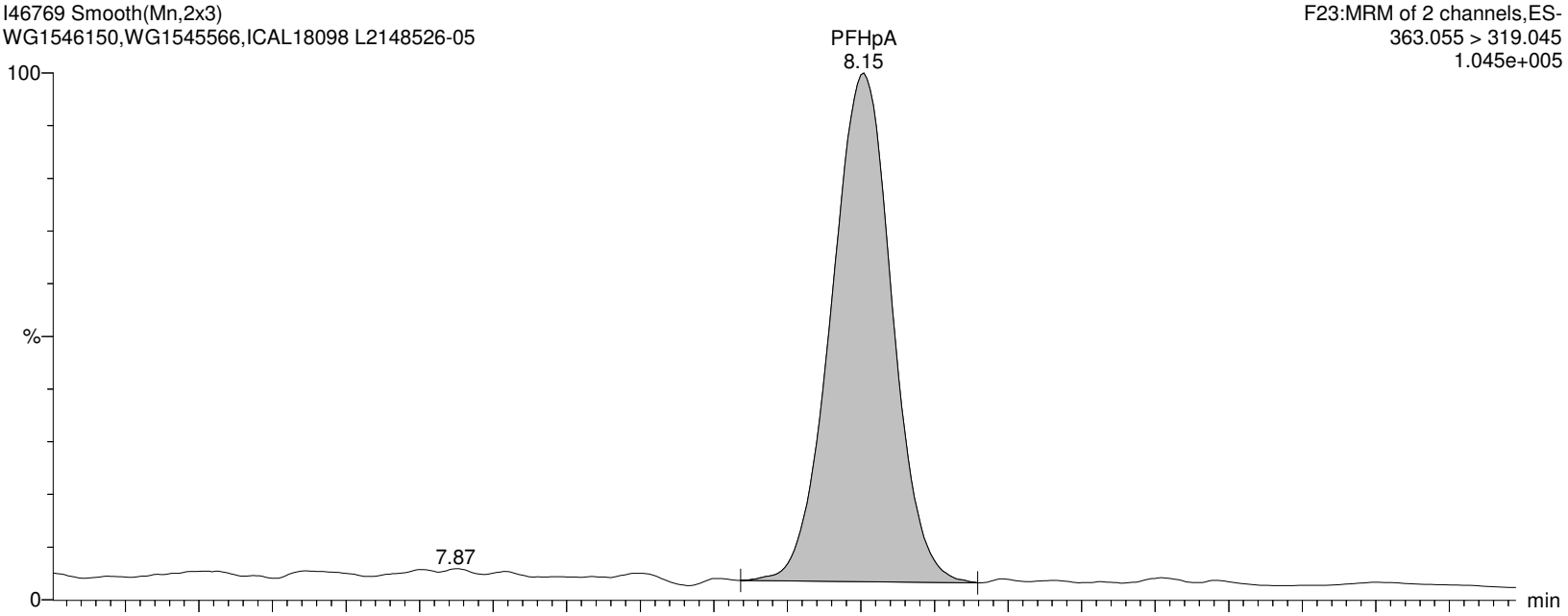


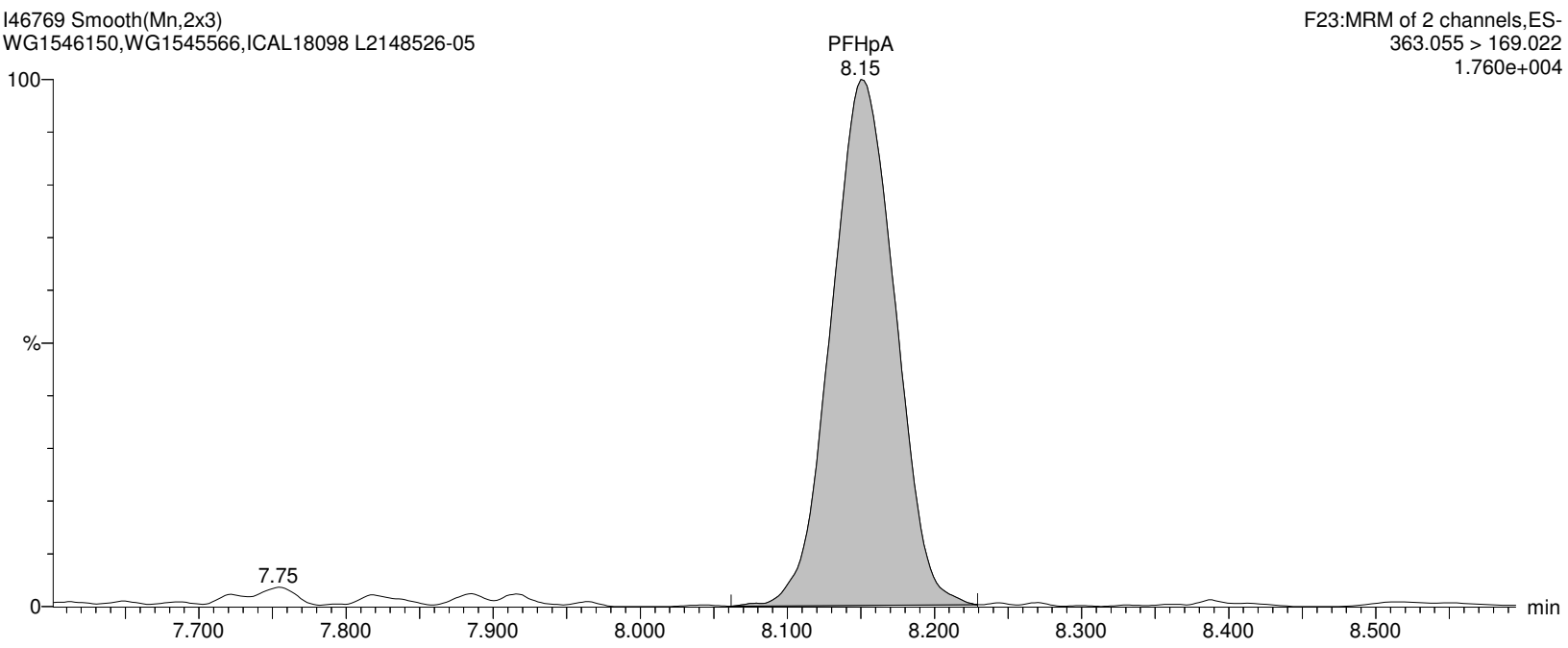
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:06 Eastern Daylight Time

Name: I46769
ID: L2148526-05
Date: 15-Sep-2021
Time: 06:32:02
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpA



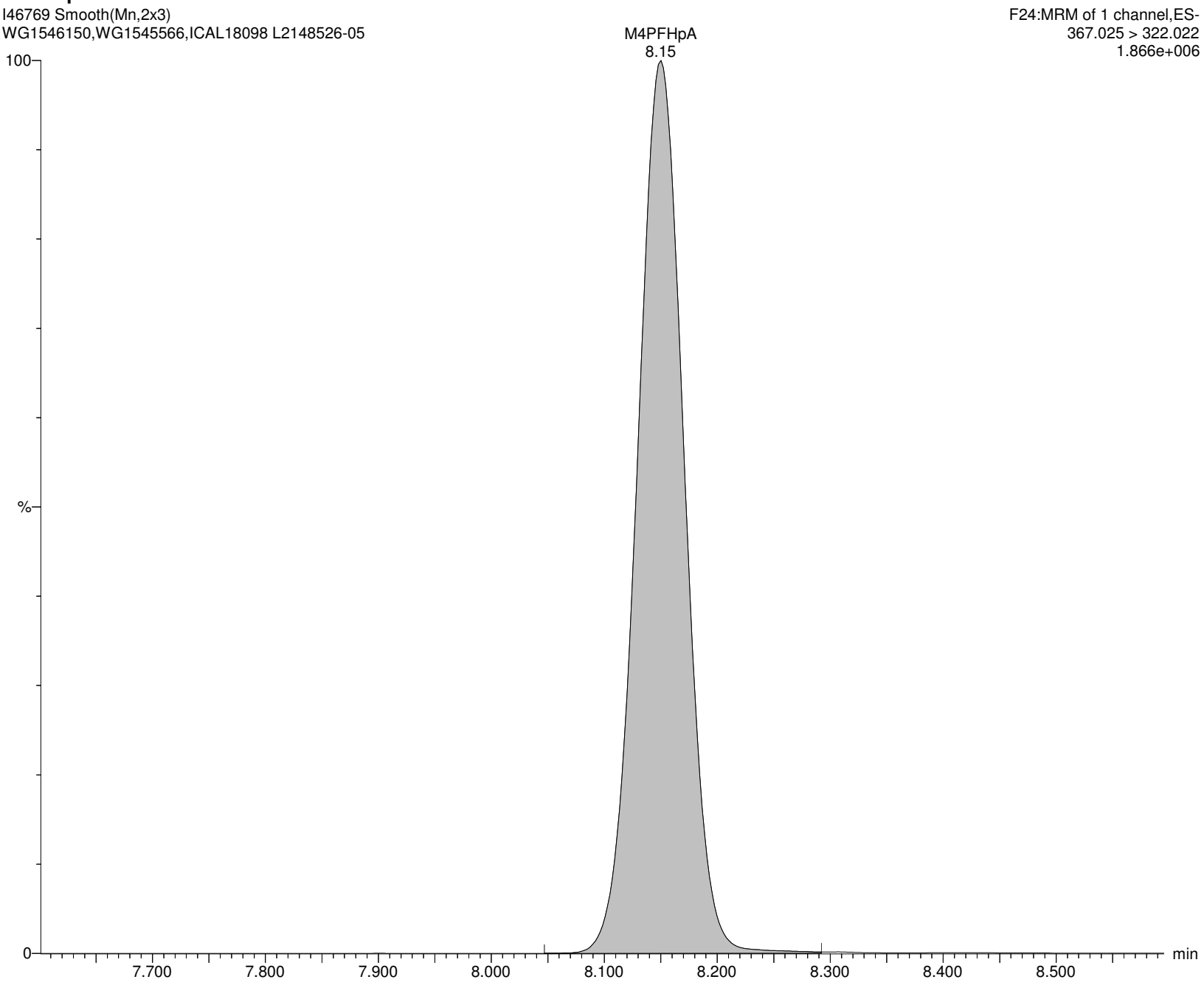


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:06 Eastern Daylight Time

Name: I46769
ID: L2148526-05
Date: 15-Sep-2021
Time: 06:32:02
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFHpA

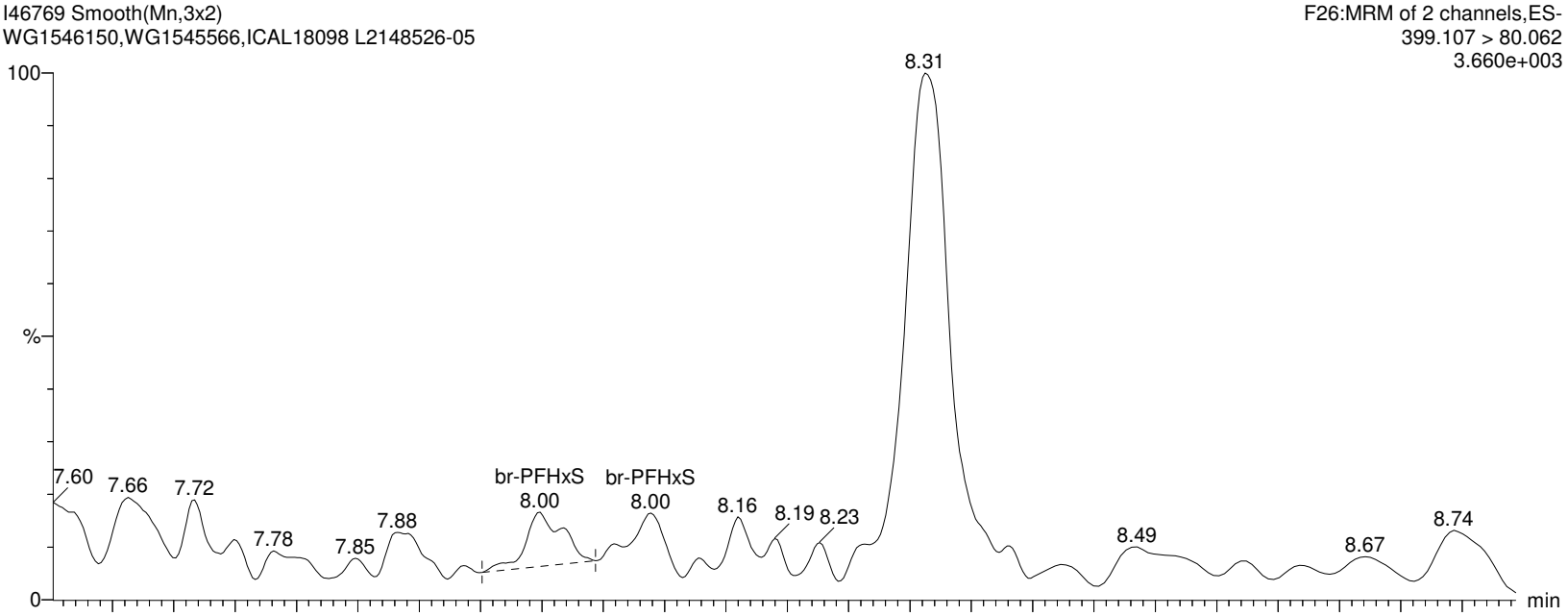


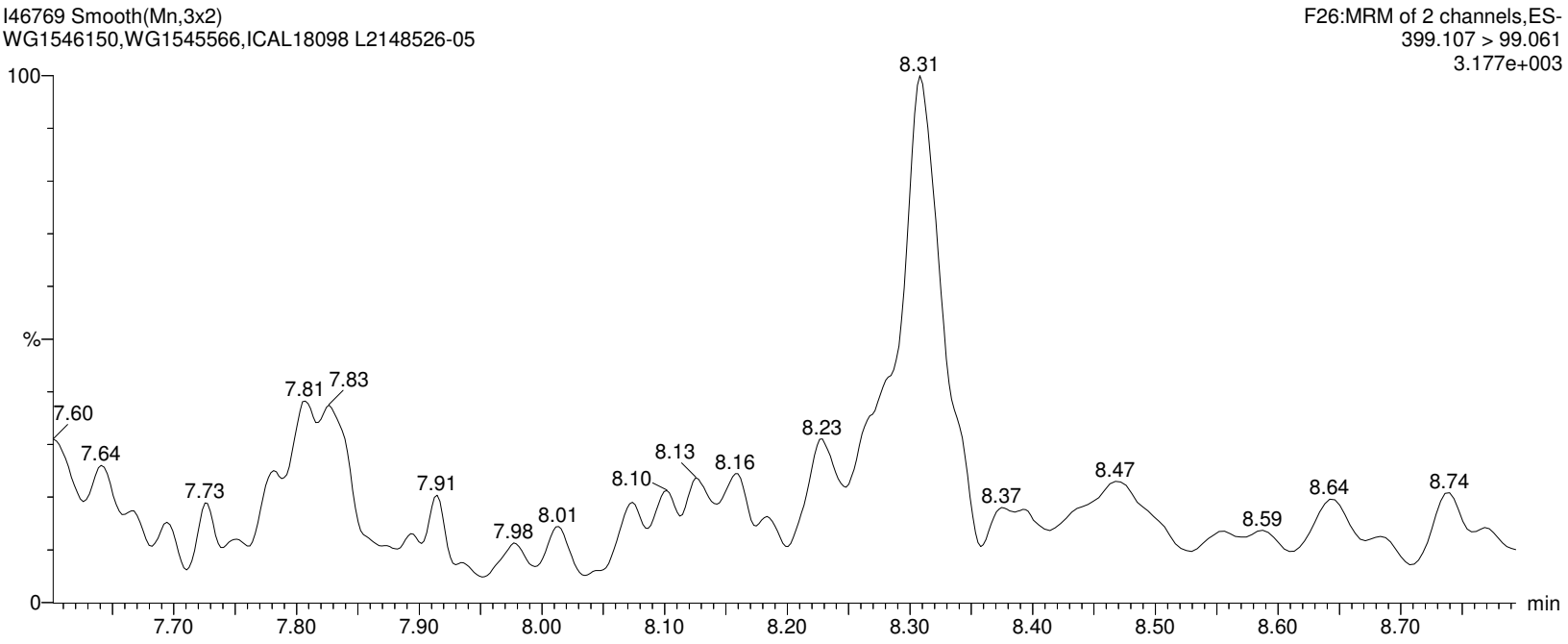
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:06 Eastern Daylight Time

Name: I46769
ID: L2148526-05
Date: 15-Sep-2021
Time: 06:32:02
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFHxS



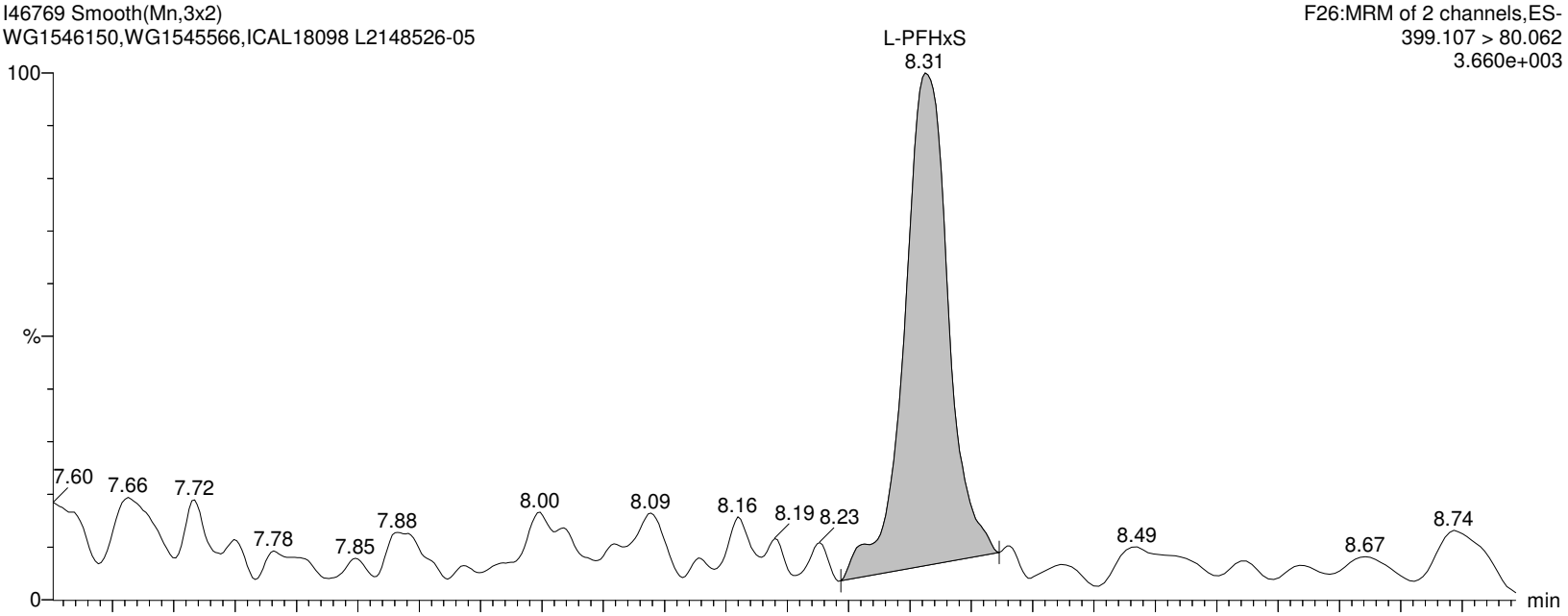


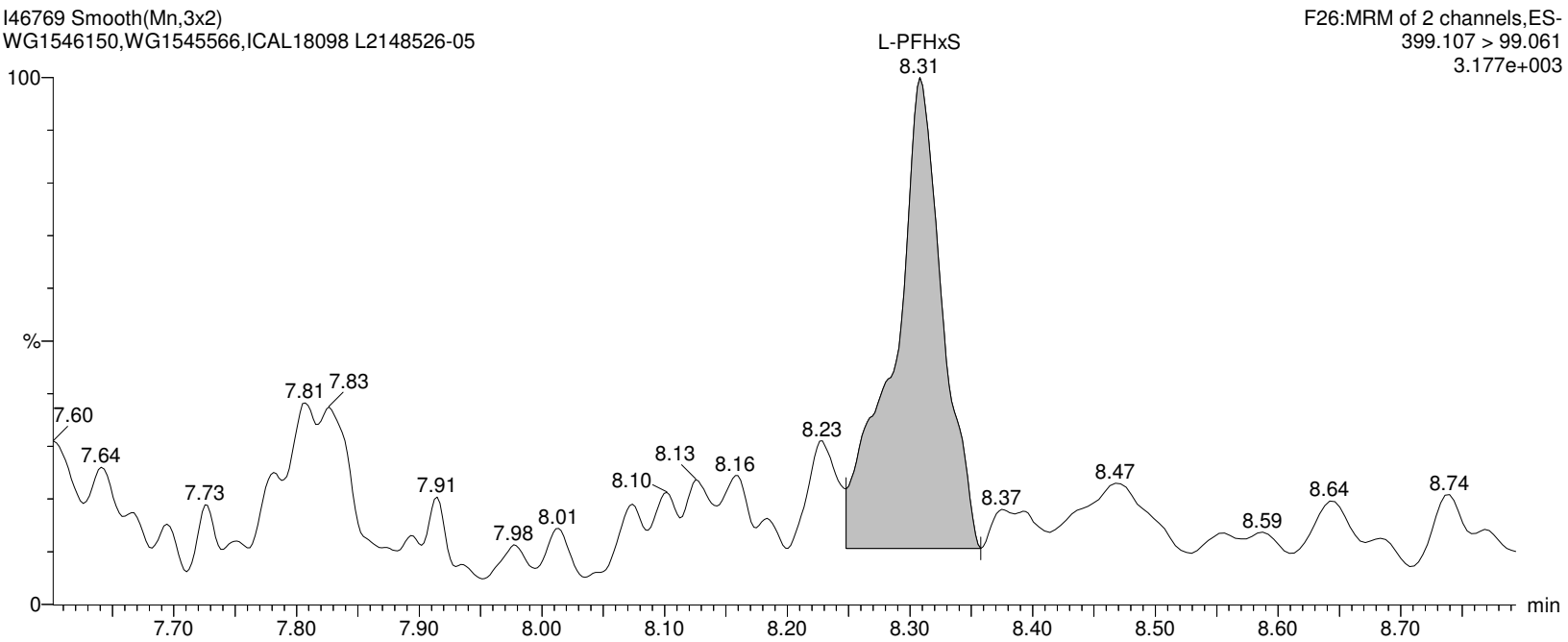
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:06 Eastern Daylight Time

Name: I46769
ID: L2148526-05
Date: 15-Sep-2021
Time: 06:32:02
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFHxS



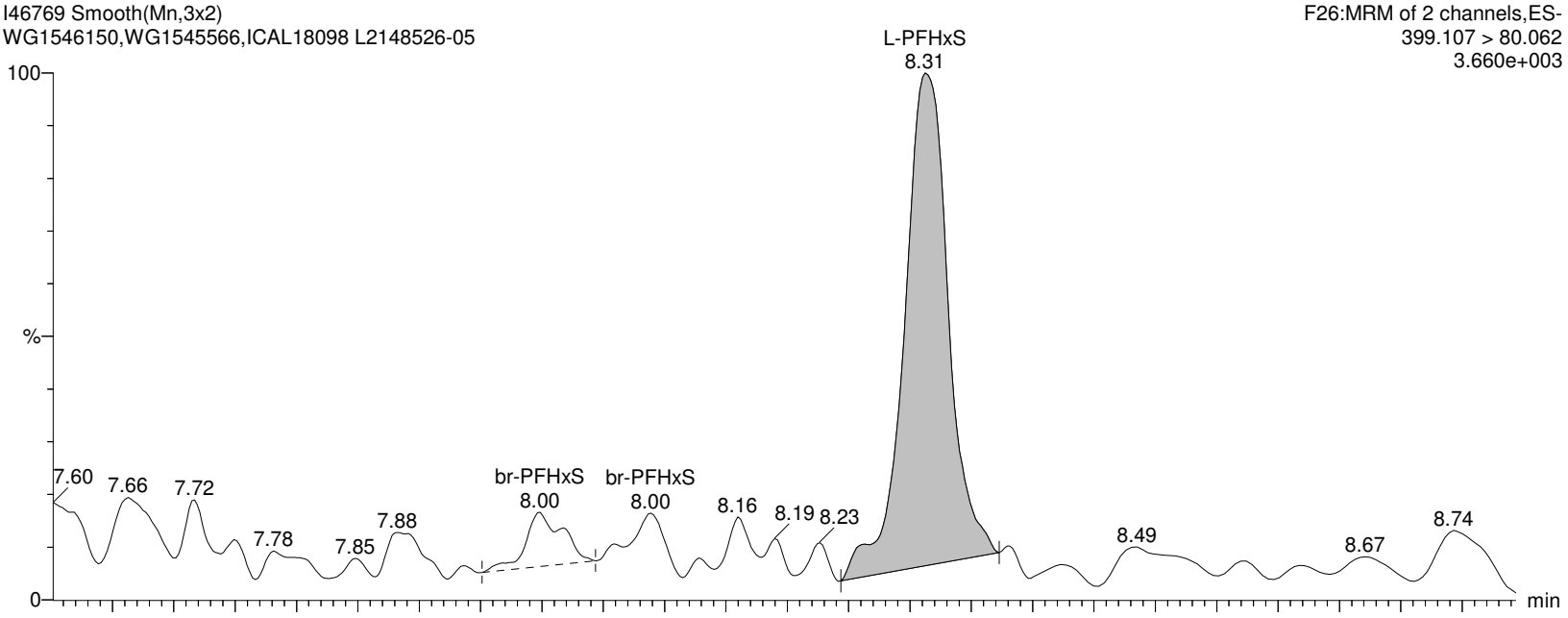


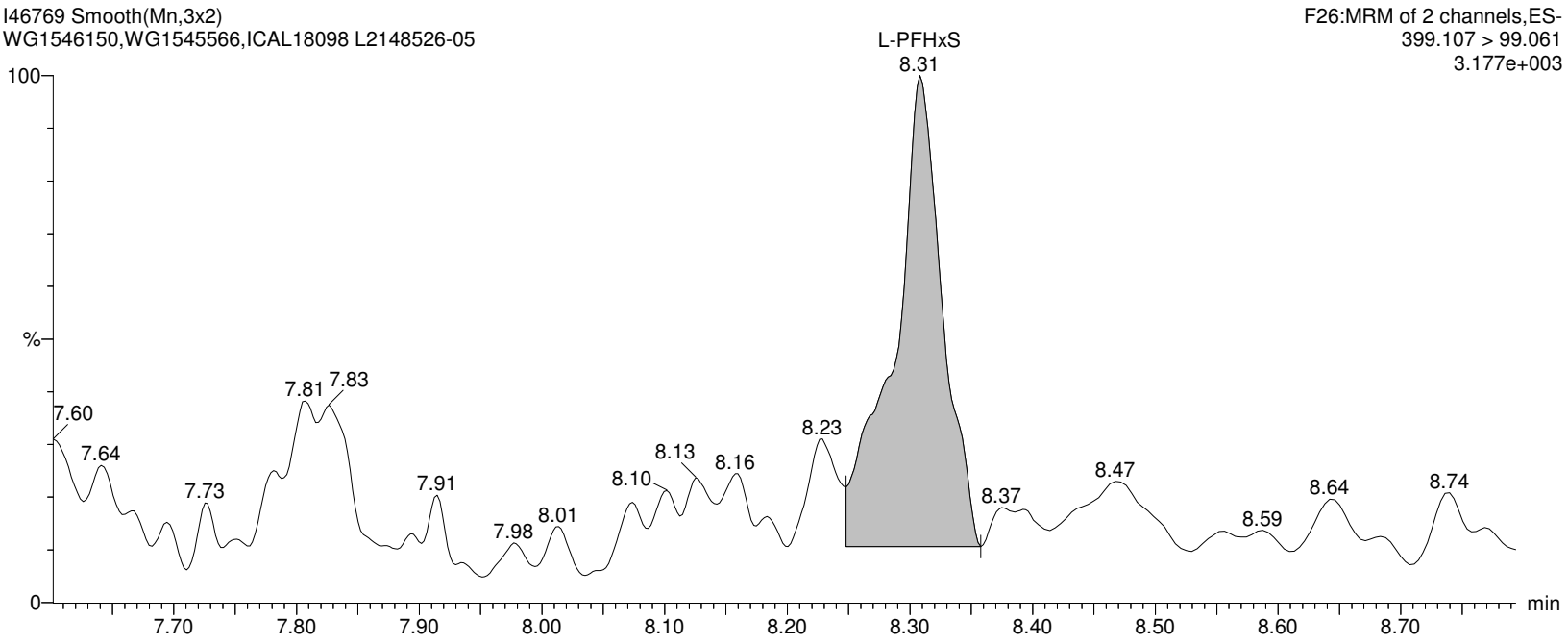
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:06 Eastern Daylight Time

Name: I46769
ID: L2148526-05
Date: 15-Sep-2021
Time: 06:32:02
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxS



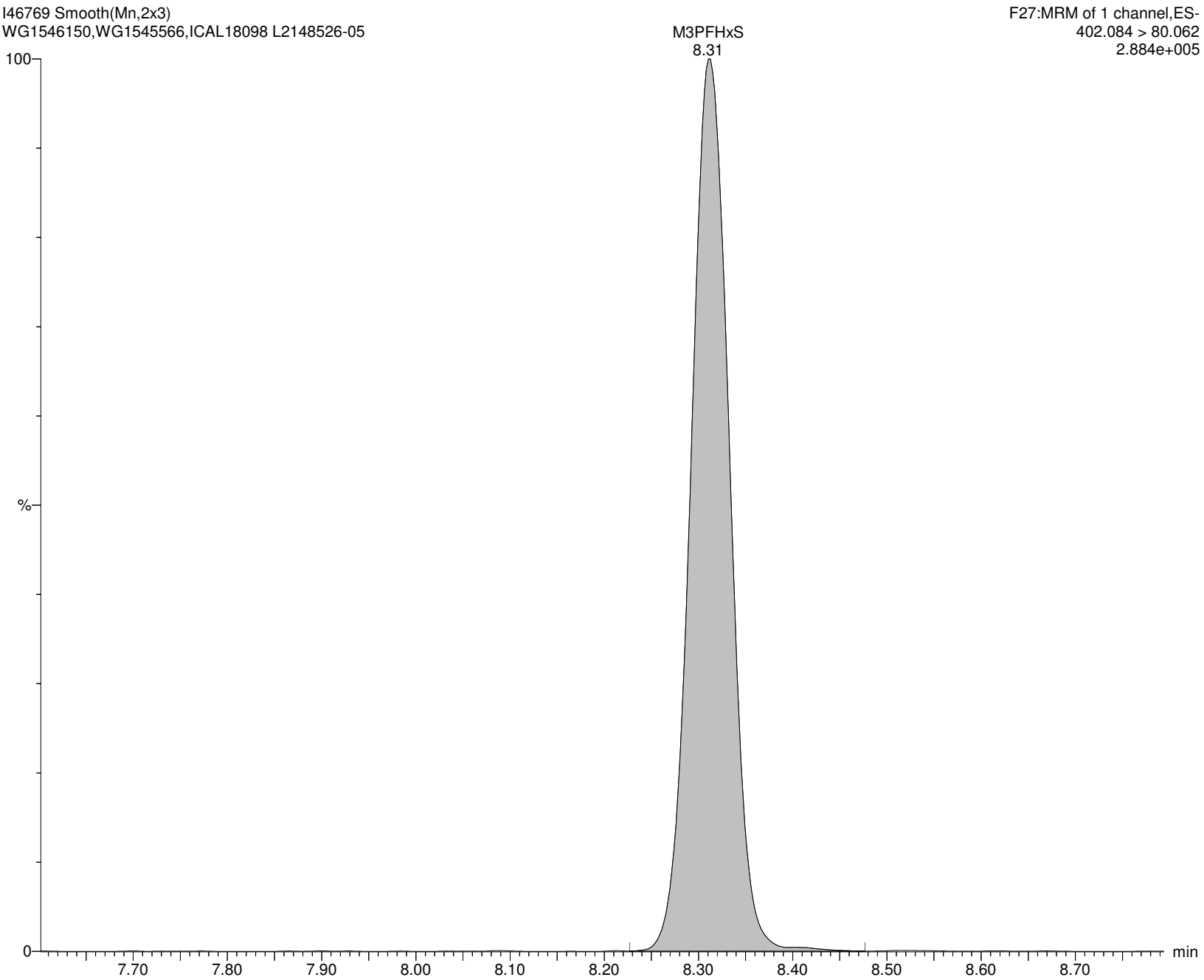


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:06 Eastern Daylight Time

Name: I46769
ID: L2148526-05
Date: 15-Sep-2021
Time: 06:32:02
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFHxS

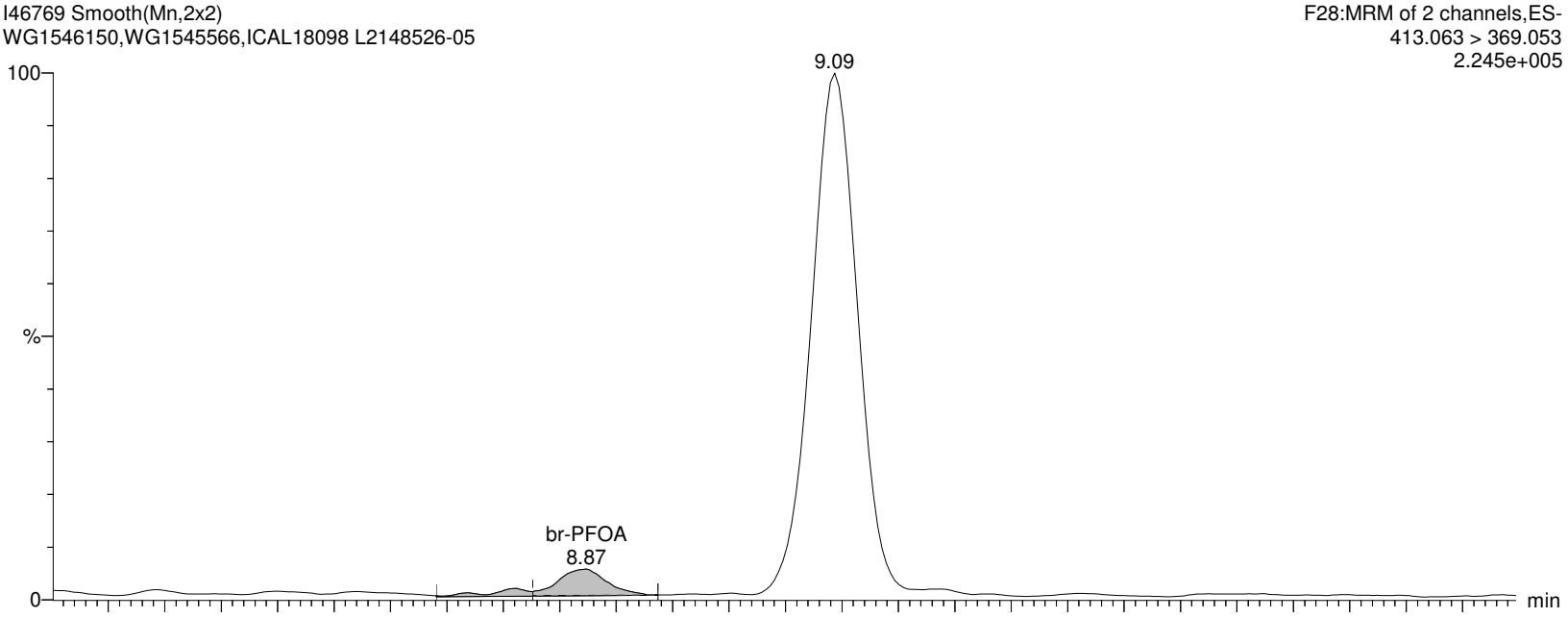


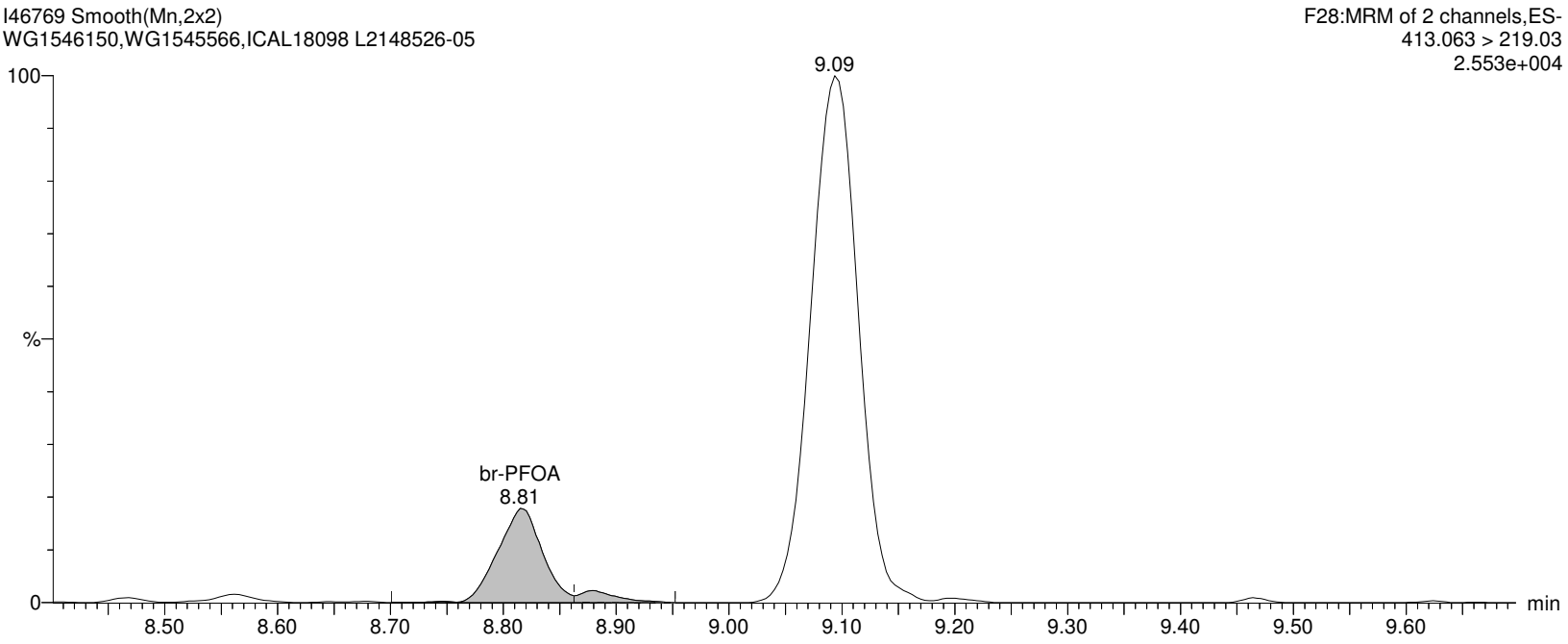
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:06 Eastern Daylight Time

Name: I46769
ID: L2148526-05
Date: 15-Sep-2021
Time: 06:32:02
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOA



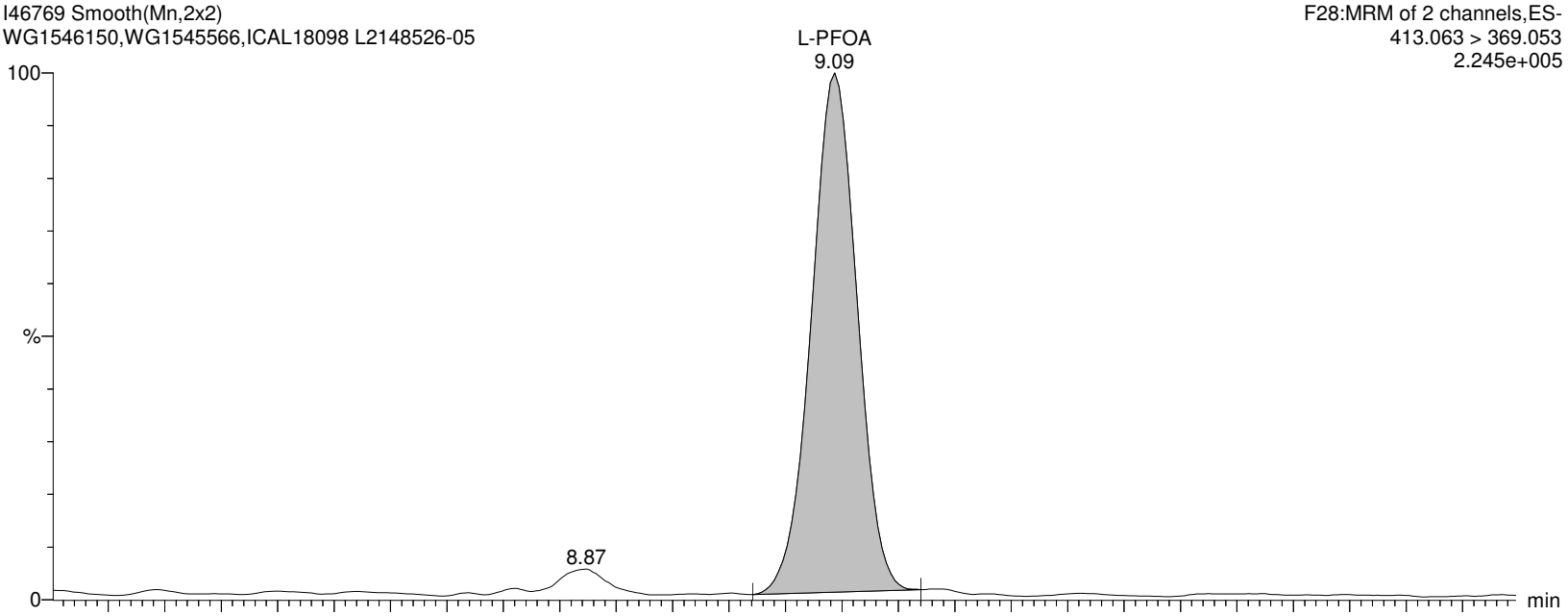


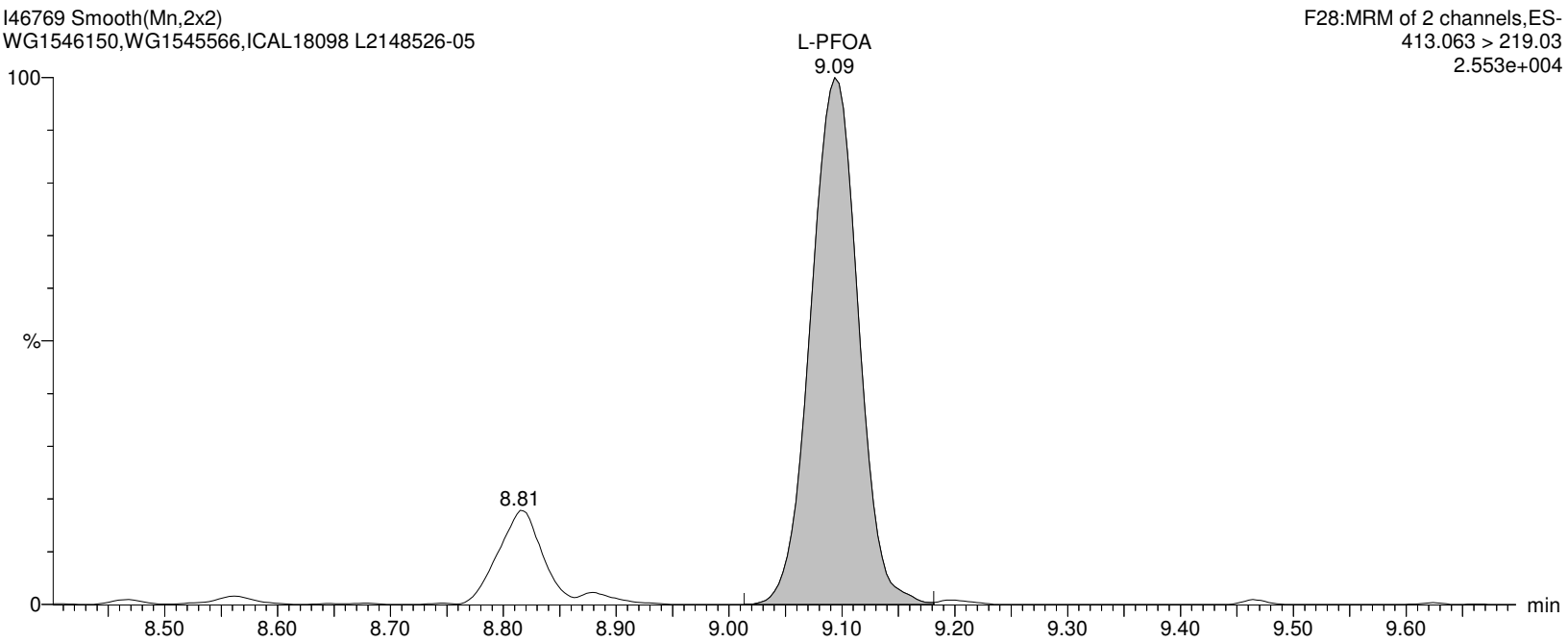
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:06 Eastern Daylight Time

Name: I46769
ID: L2148526-05
Date: 15-Sep-2021
Time: 06:32:02
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOA



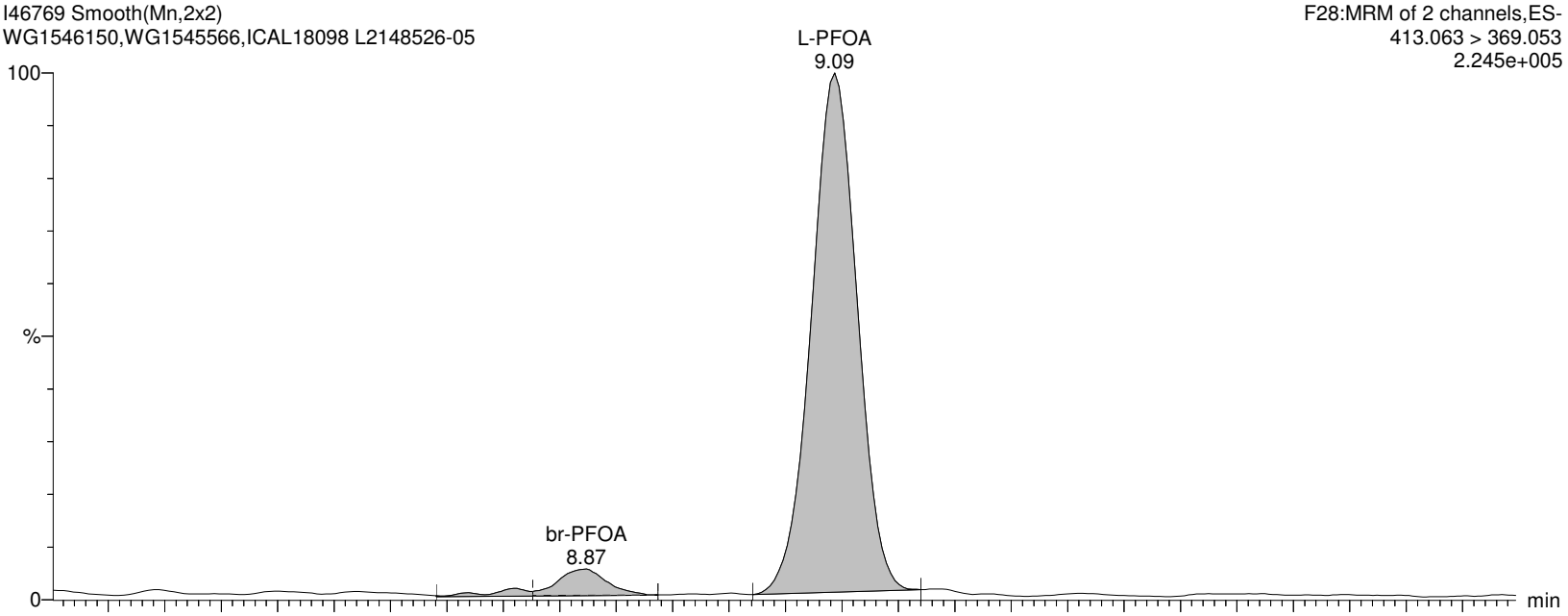


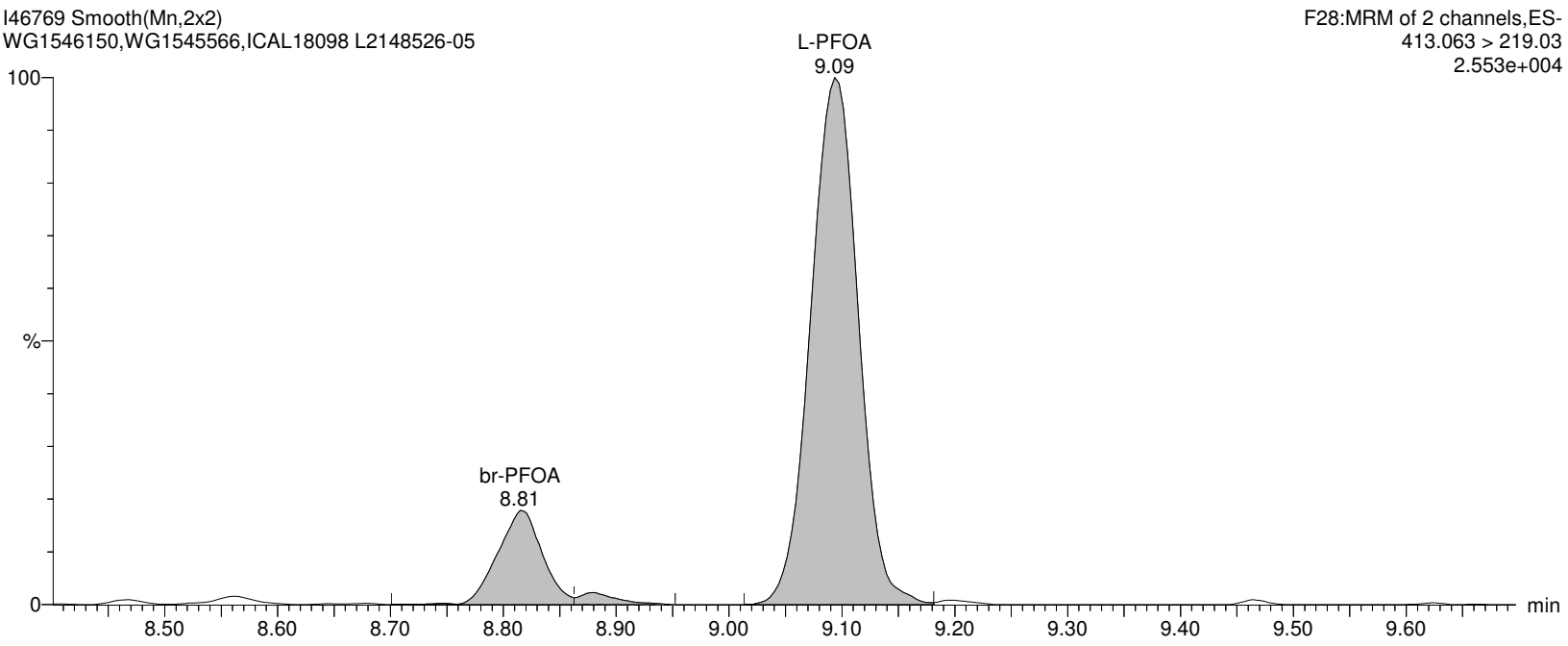
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:06 Eastern Daylight Time

Name: I46769
ID: L2148526-05
Date: 15-Sep-2021
Time: 06:32:02
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOA



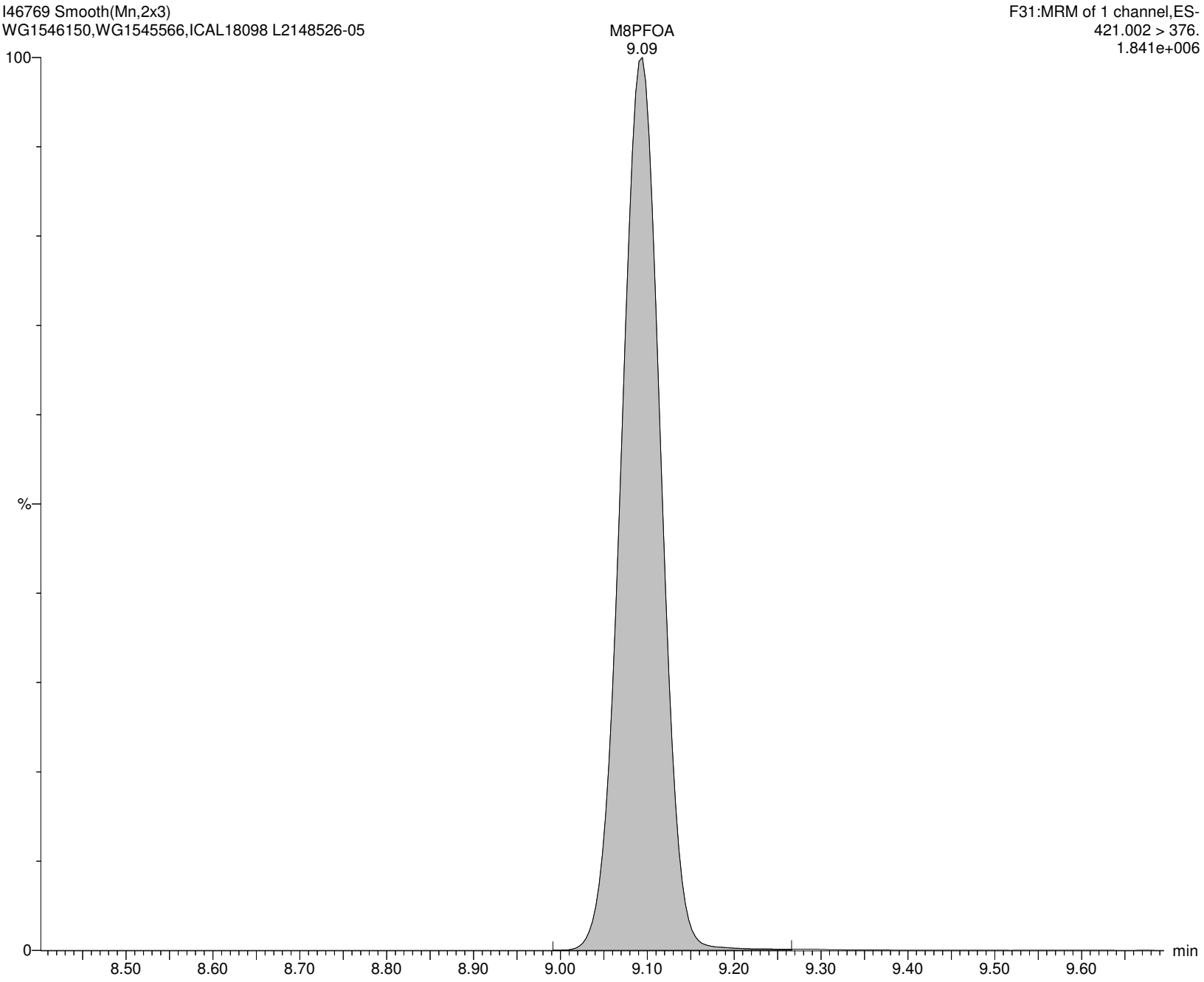


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:06 Eastern Daylight Time

Name: I46769
ID: L2148526-05
Date: 15-Sep-2021
Time: 06:32:02
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOA

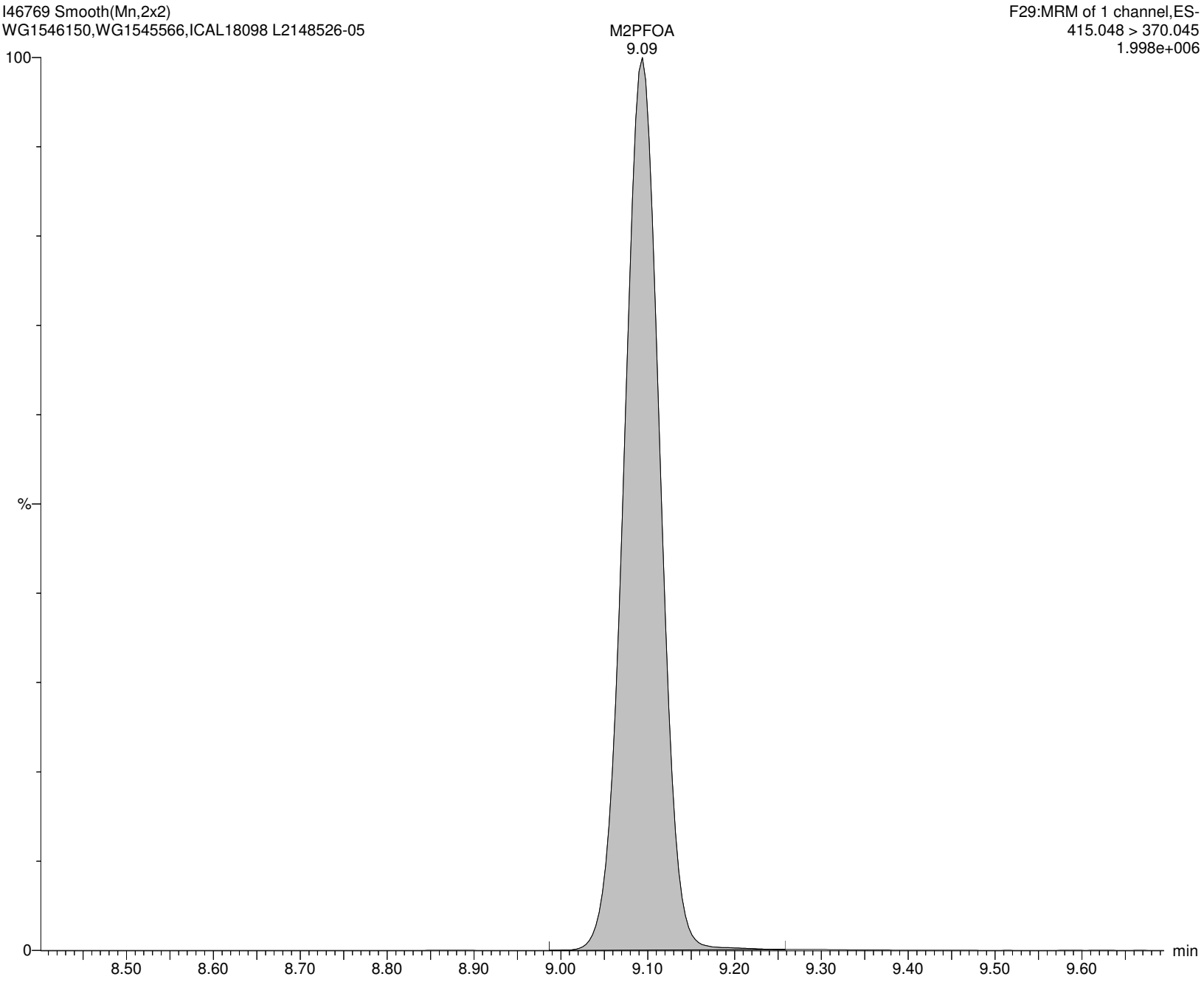


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:06 Eastern Daylight Time

Name: I46769
ID: L2148526-05
Date: 15-Sep-2021
Time: 06:32:02
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFOA

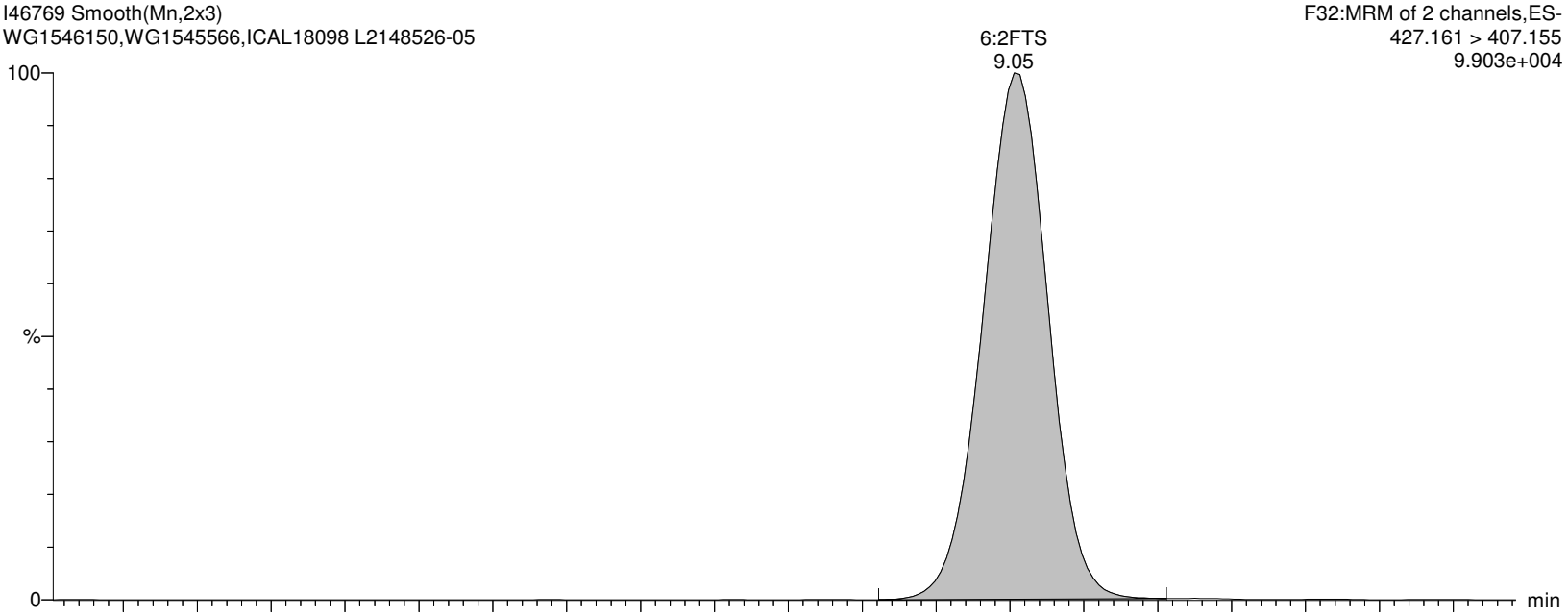


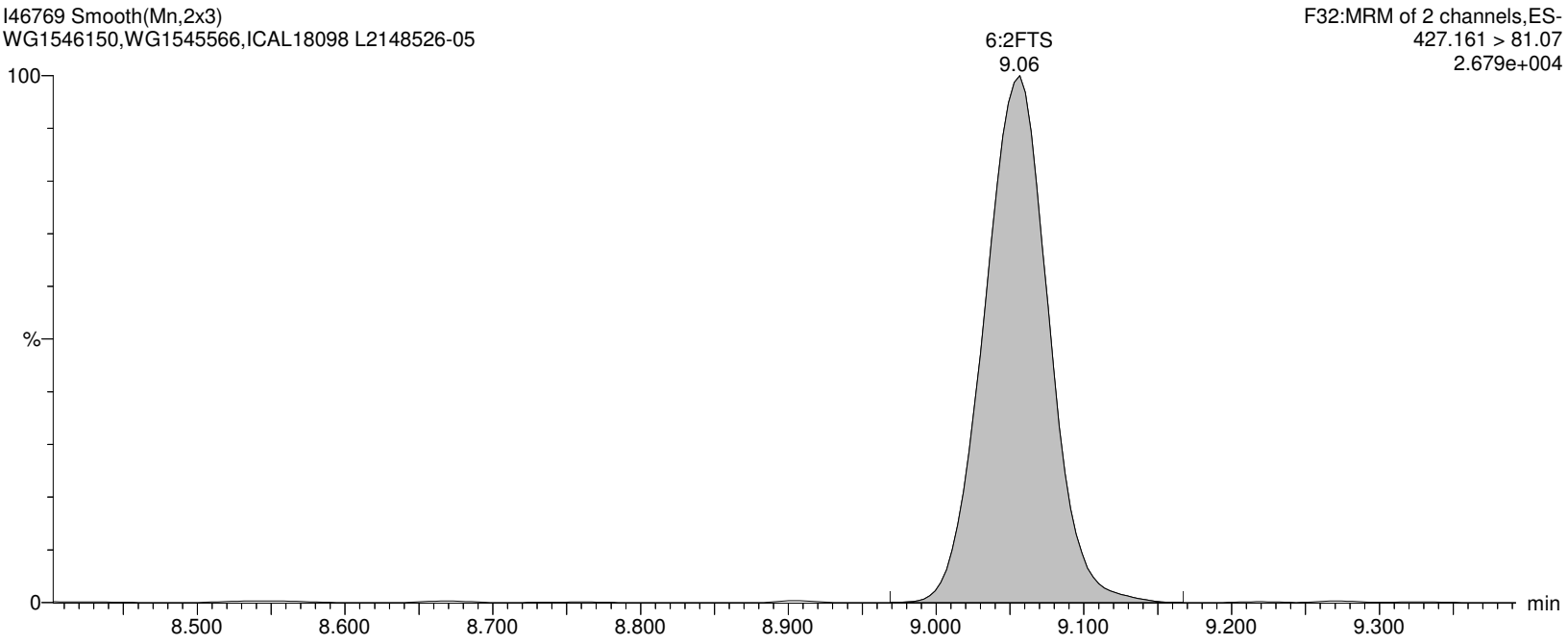
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:06 Eastern Daylight Time

Name: I46769
ID: L2148526-05
Date: 15-Sep-2021
Time: 06:32:02
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

6:2FTS



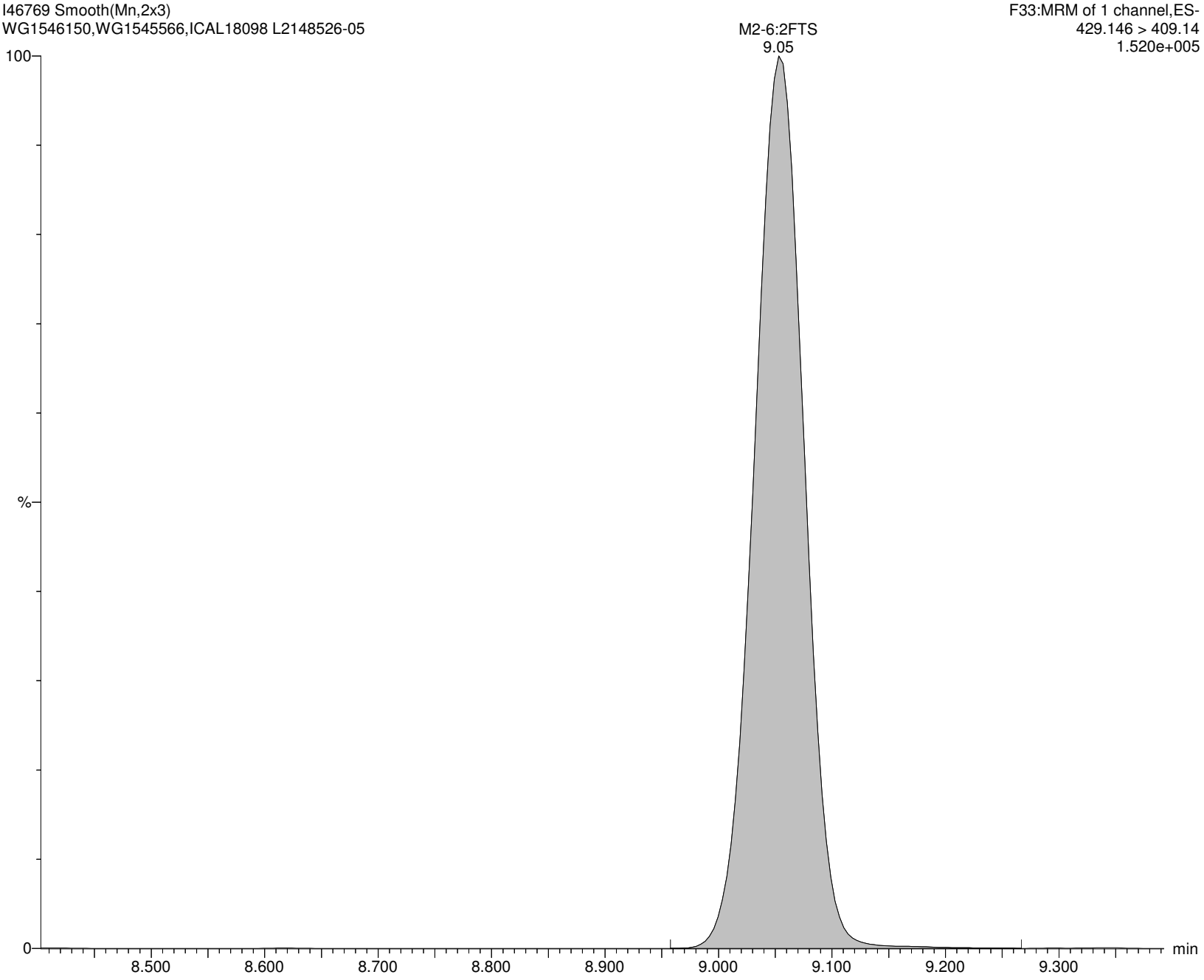


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:06 Eastern Daylight Time

Name: I46769
ID: L2148526-05
Date: 15-Sep-2021
Time: 06:32:02
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-6:2FTS

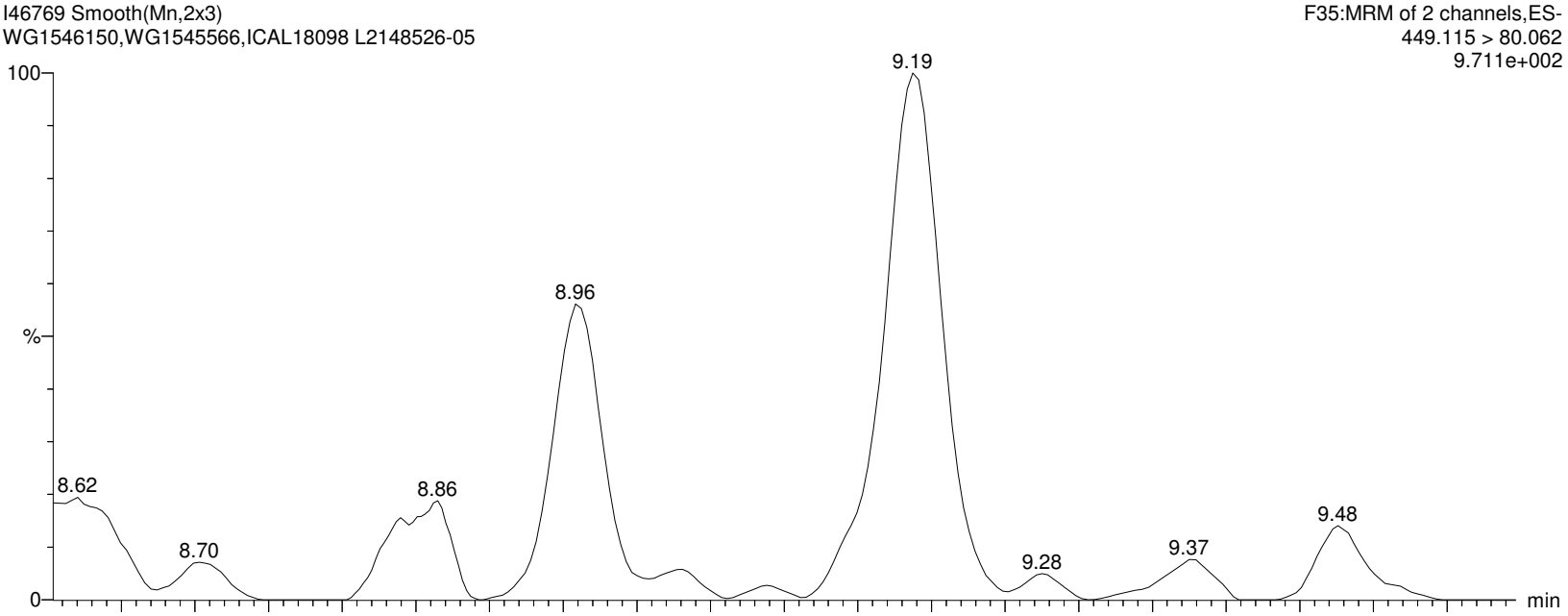


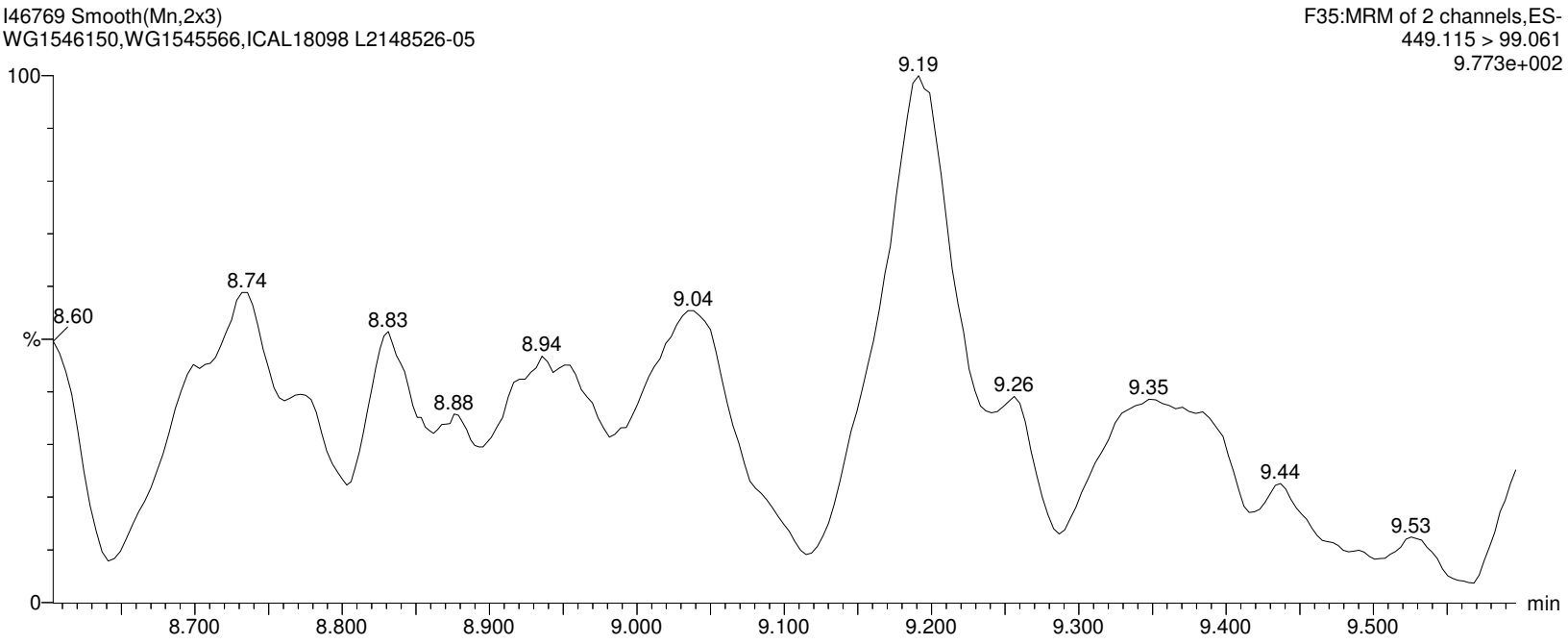
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:06 Eastern Daylight Time

Name: I46769
ID: L2148526-05
Date: 15-Sep-2021
Time: 06:32:02
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpS



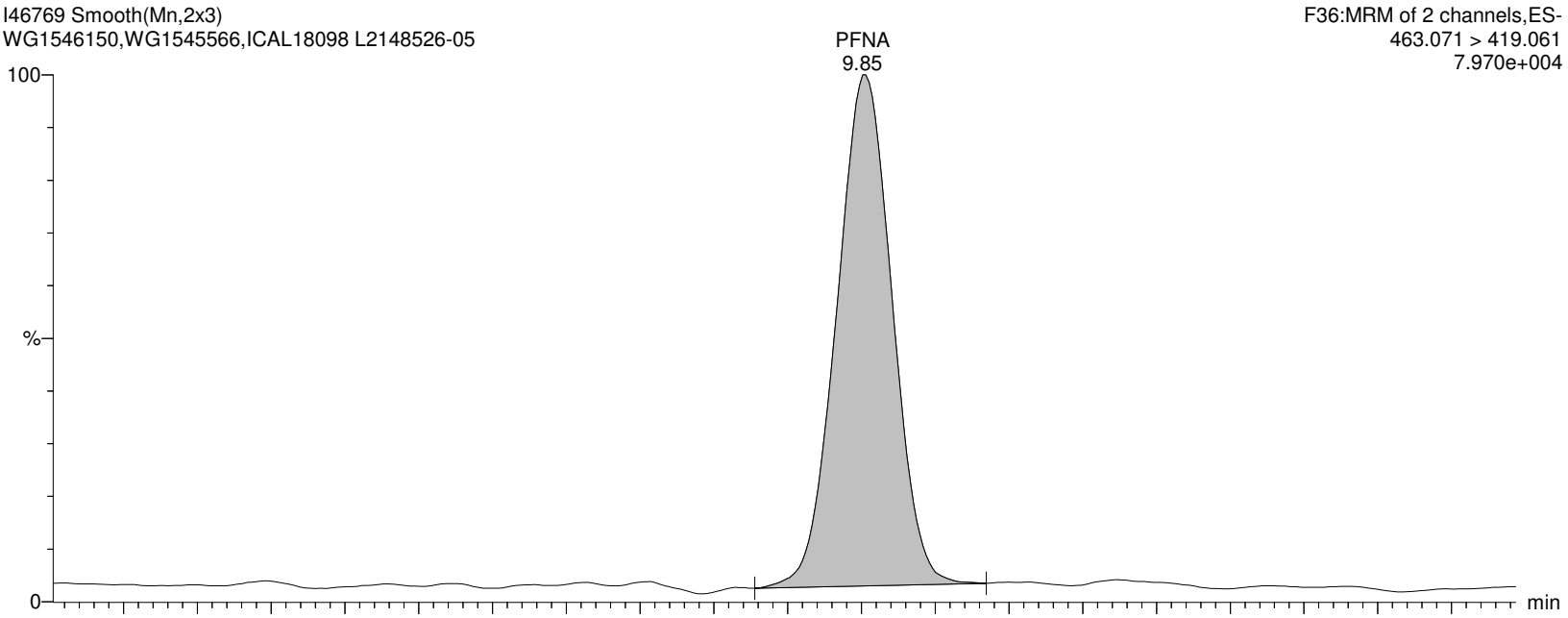


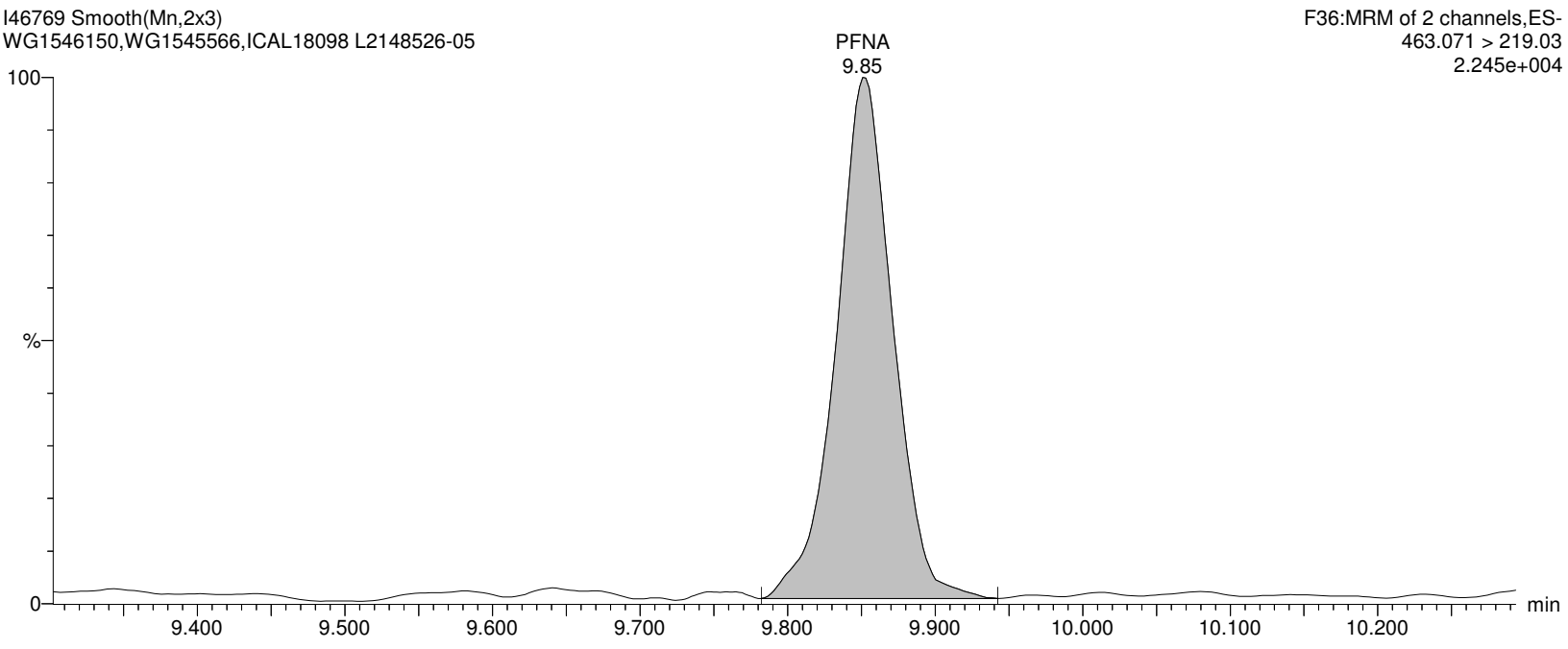
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:06 Eastern Daylight Time

Name: I46769
ID: L2148526-05
Date: 15-Sep-2021
Time: 06:32:02
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNA



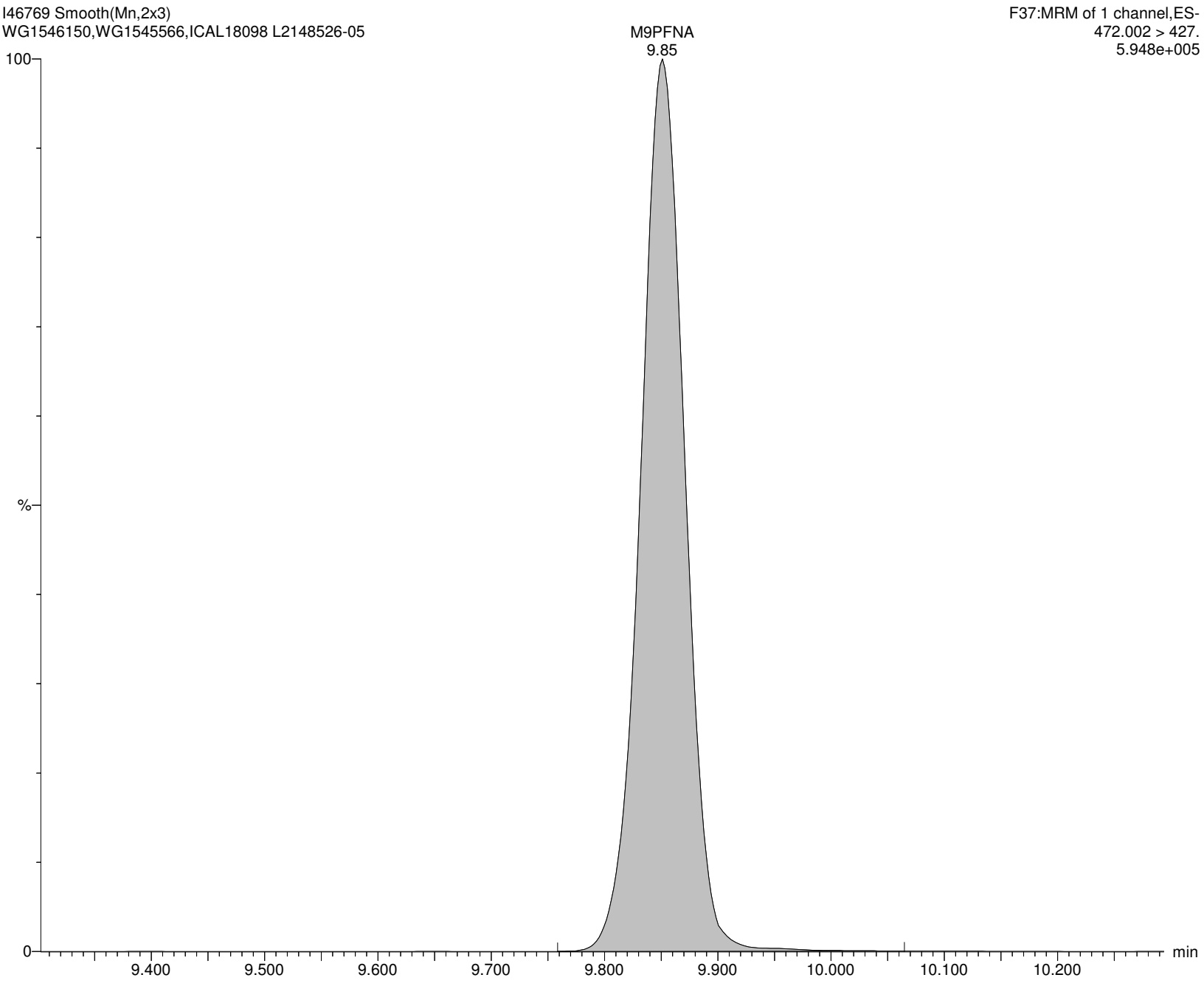


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:06 Eastern Daylight Time

Name: I46769
ID: L2148526-05
Date: 15-Sep-2021
Time: 06:32:02
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M9PFNA

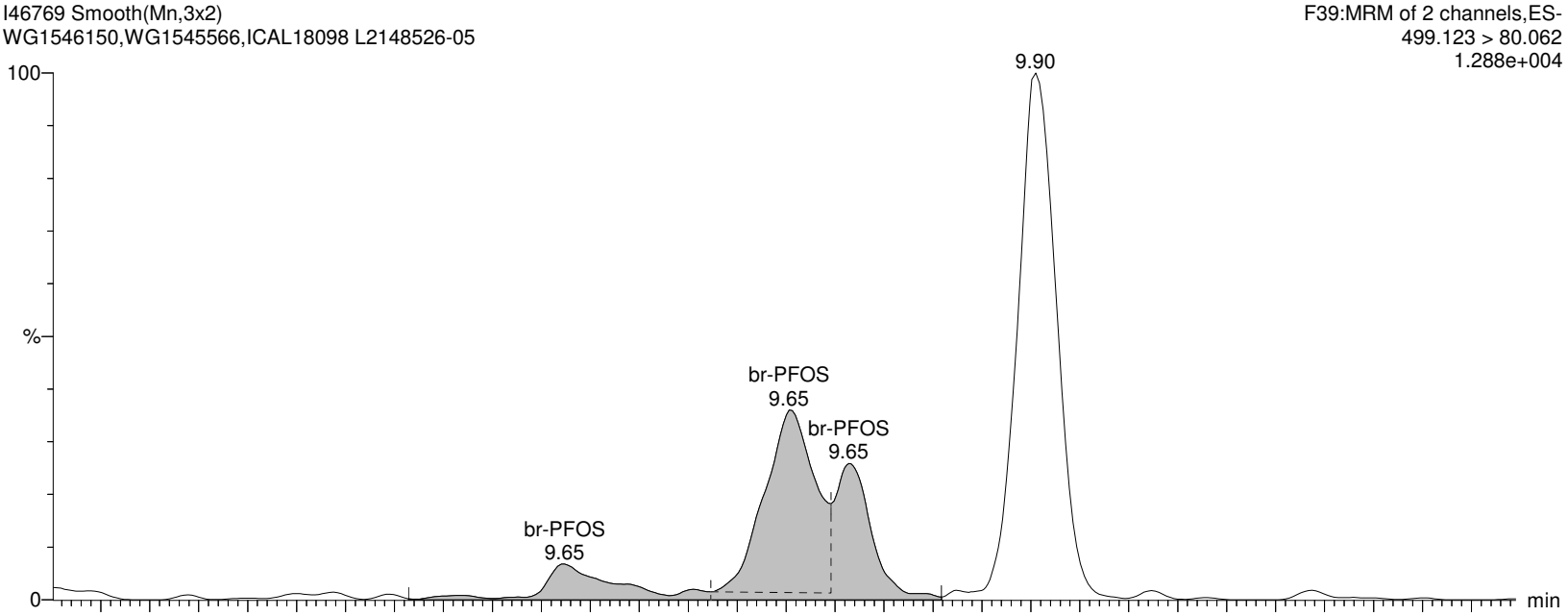


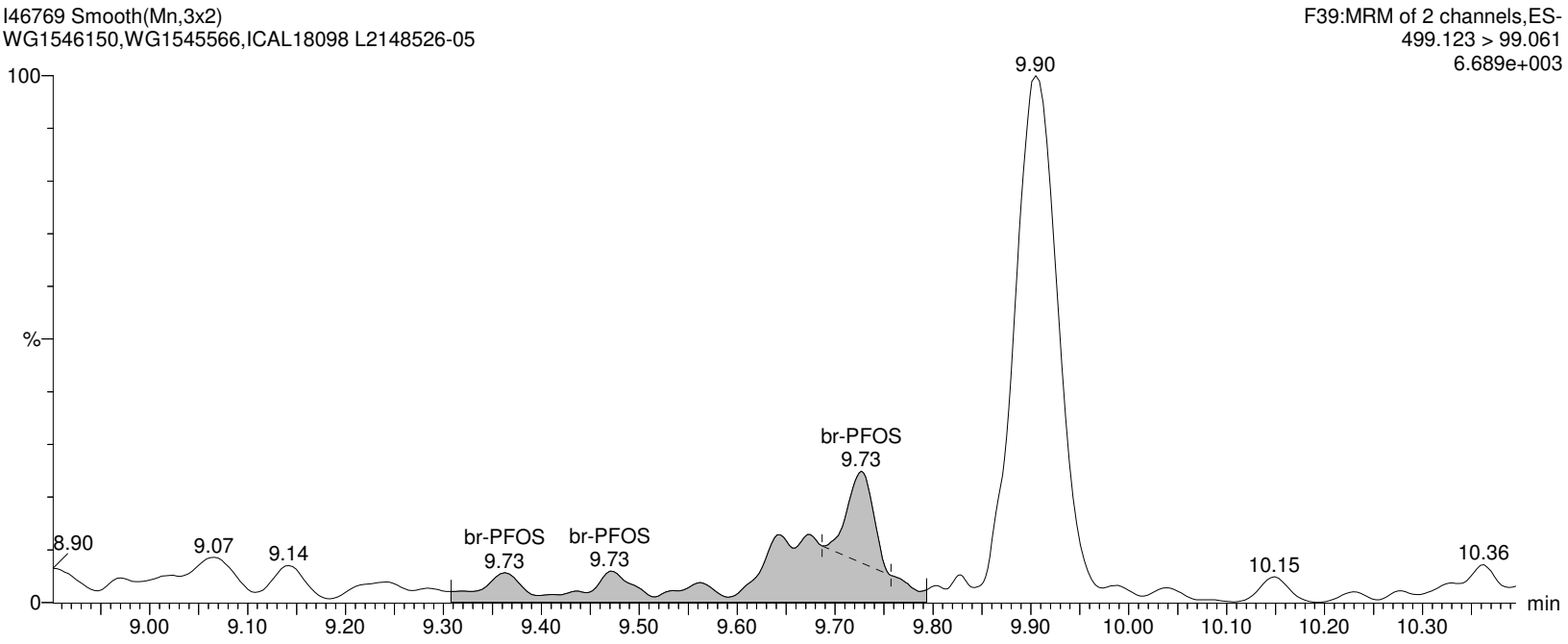
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:06 Eastern Daylight Time

Name: I46769
ID: L2148526-05
Date: 15-Sep-2021
Time: 06:32:02
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOS



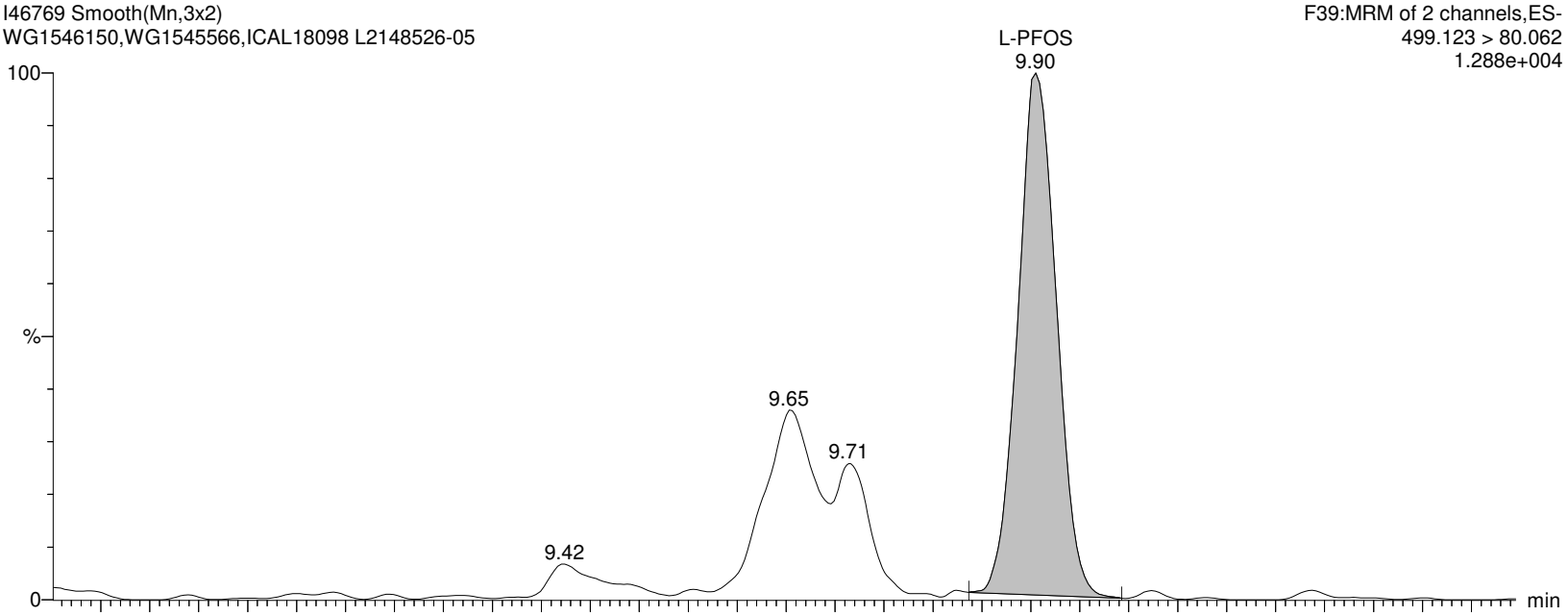


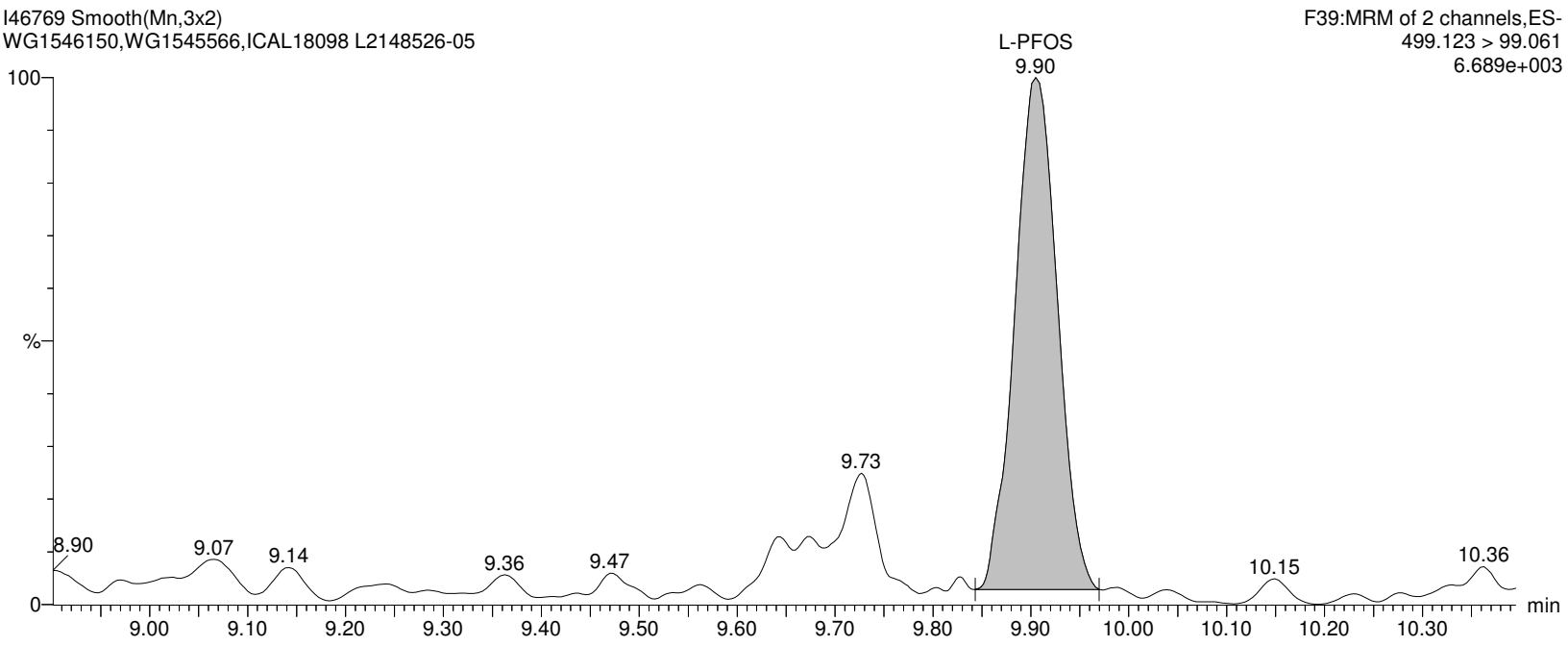
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:06 Eastern Daylight Time

Name: I46769
ID: L2148526-05
Date: 15-Sep-2021
Time: 06:32:02
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOS



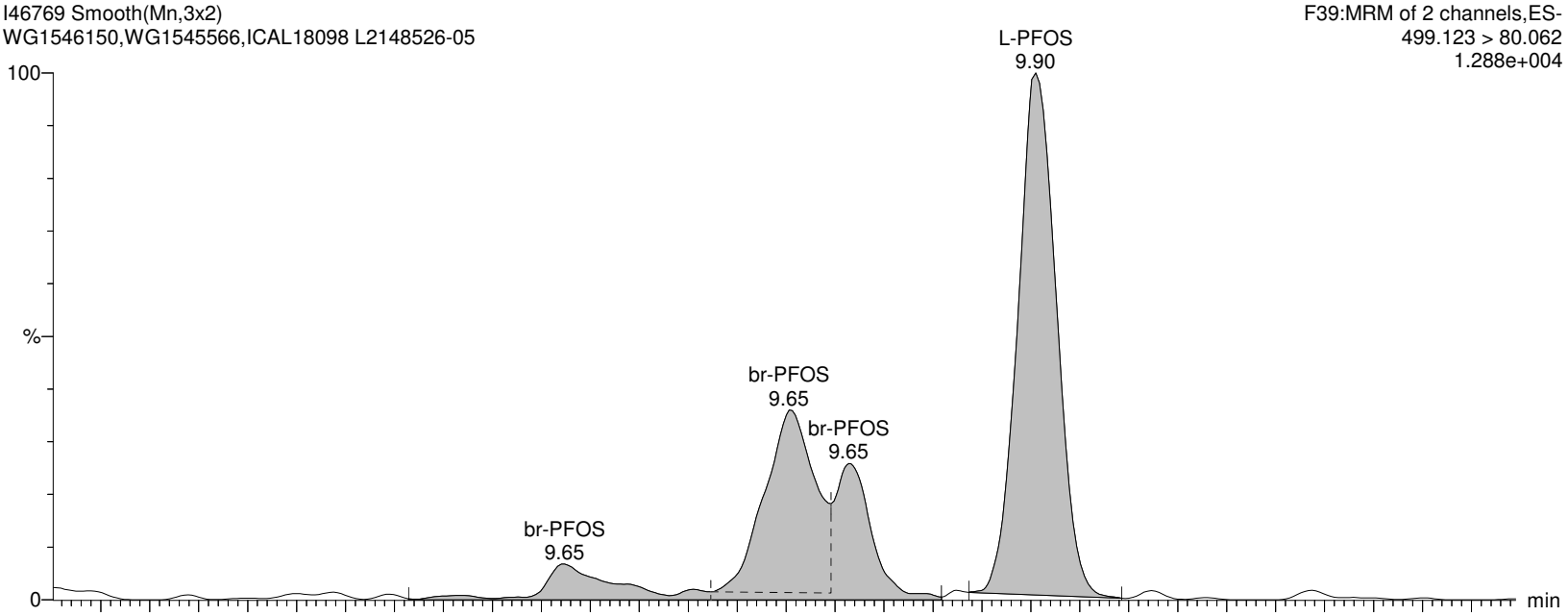


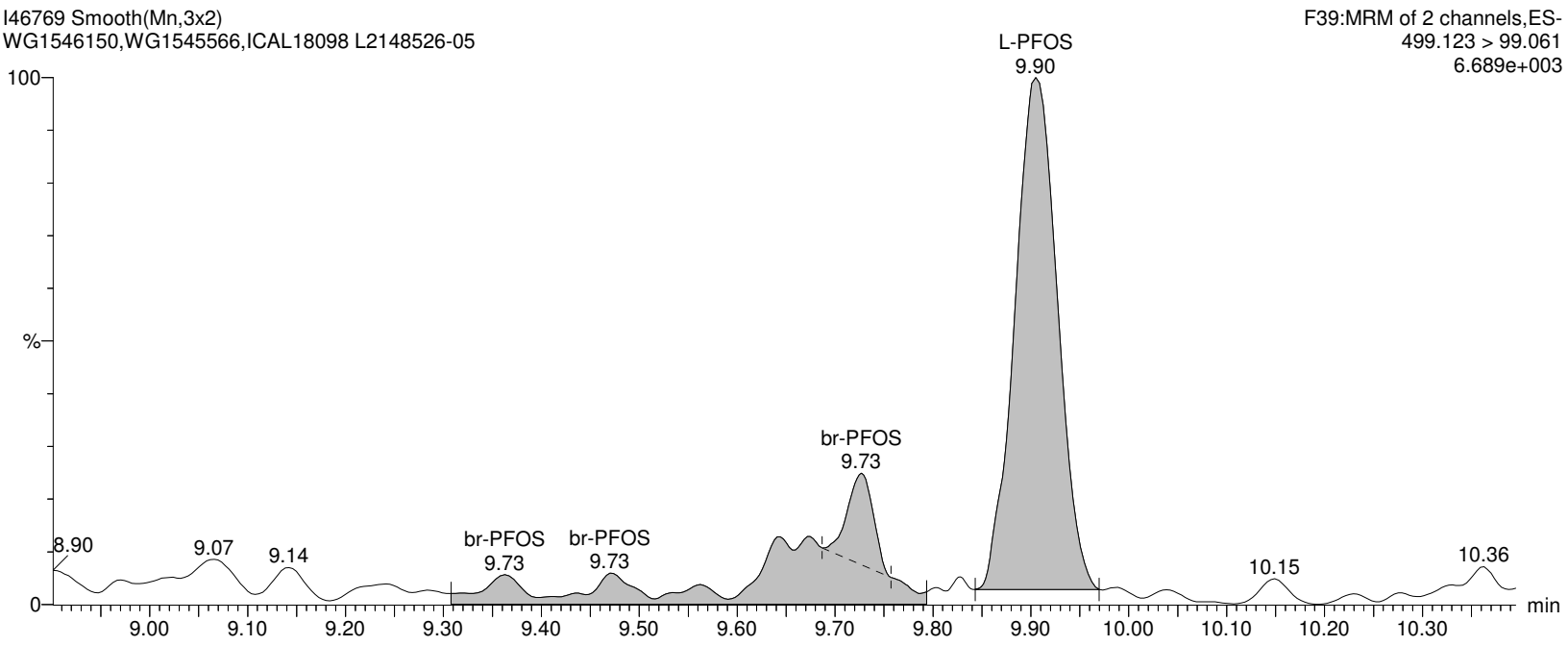
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:06 Eastern Daylight Time

Name: I46769
ID: L2148526-05
Date: 15-Sep-2021
Time: 06:32:02
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOS



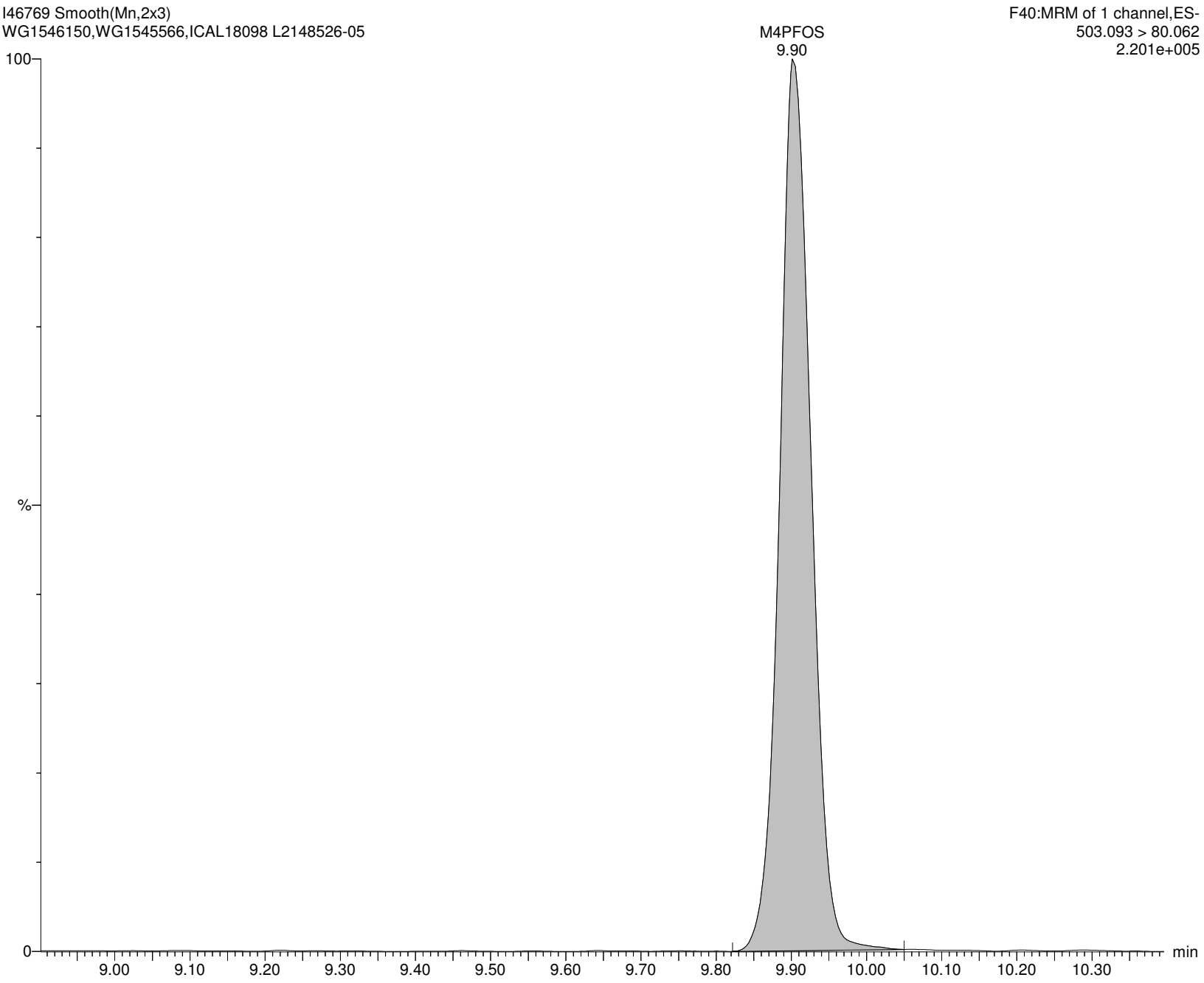


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:06 Eastern Daylight Time

Name: I46769
ID: L2148526-05
Date: 15-Sep-2021
Time: 06:32:02
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOS

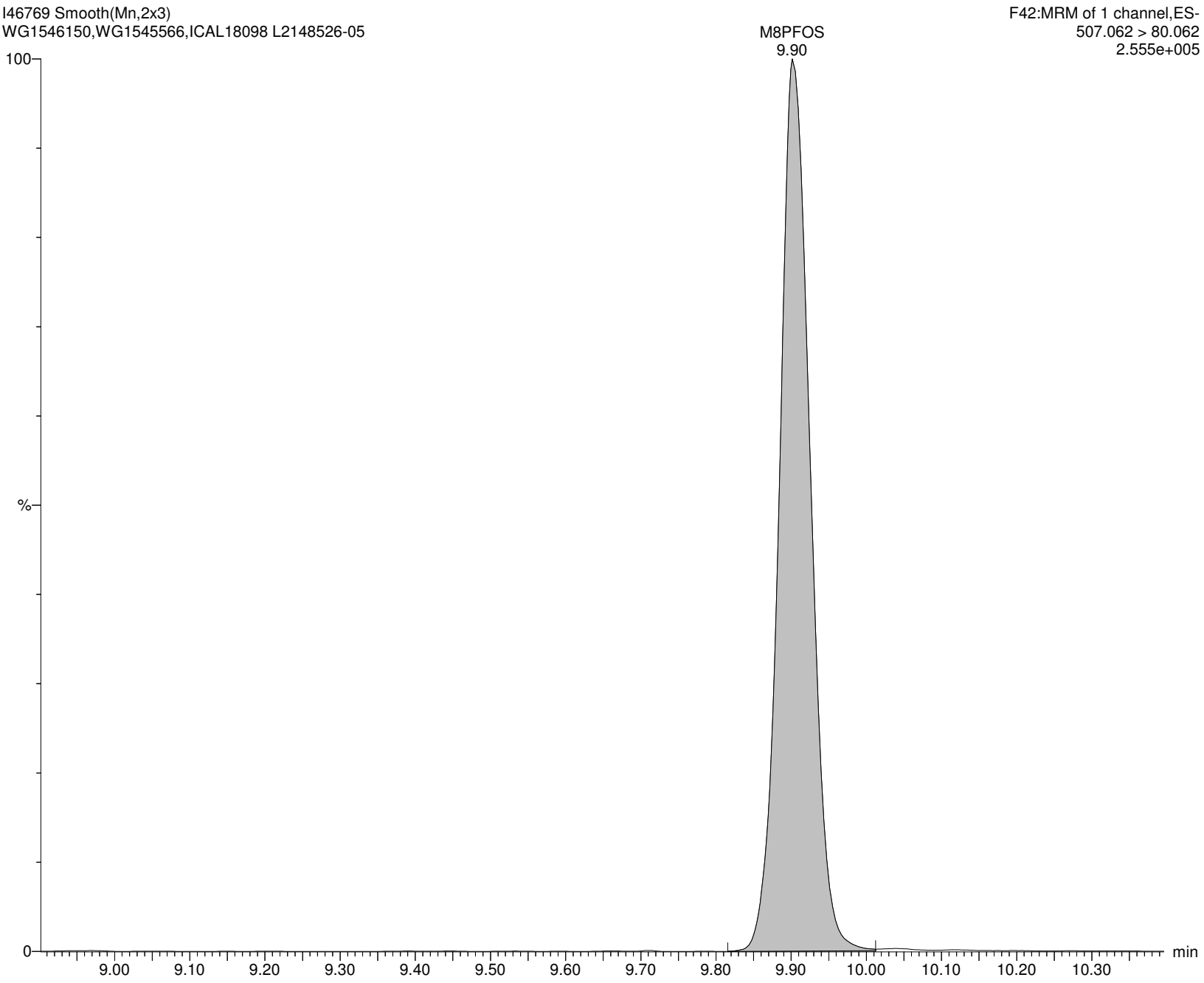


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:06 Eastern Daylight Time

Name: I46769
ID: L2148526-05
Date: 15-Sep-2021
Time: 06:32:02
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOS

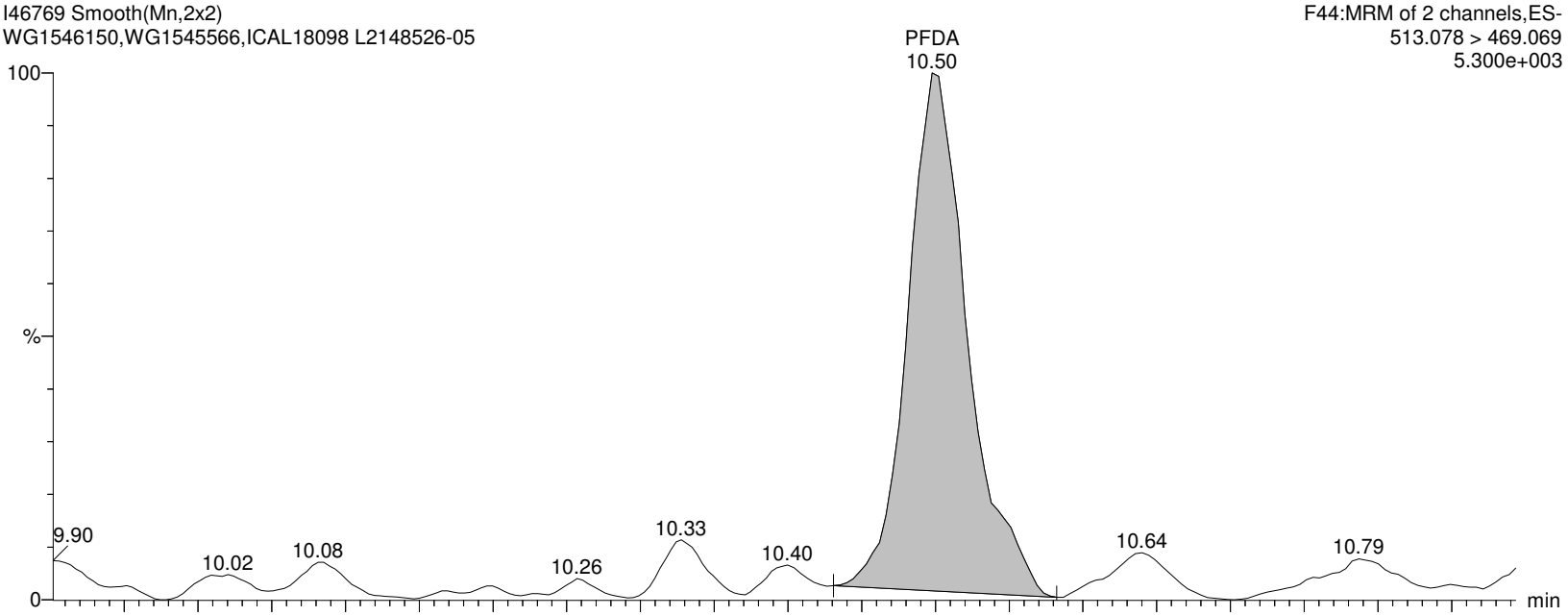


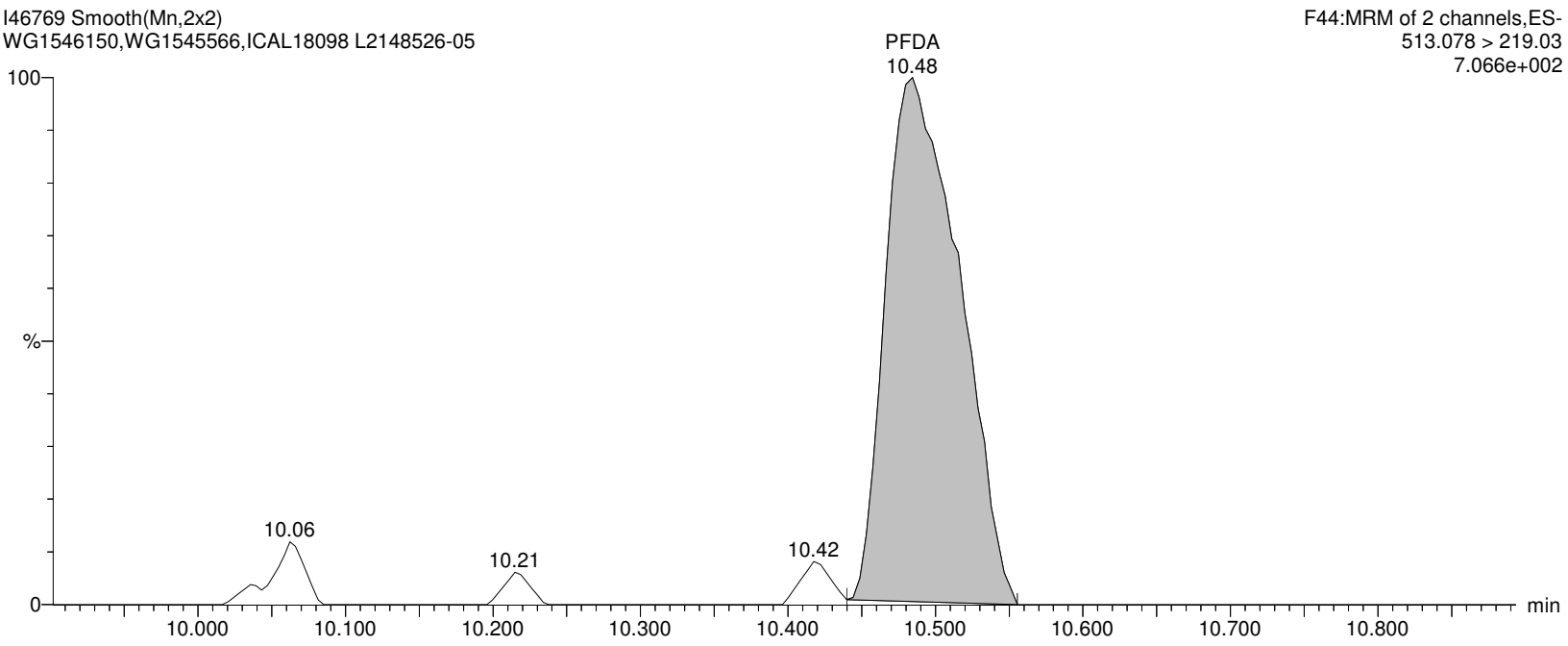
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:06 Eastern Daylight Time

Name: I46769
ID: L2148526-05
Date: 15-Sep-2021
Time: 06:32:02
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDA



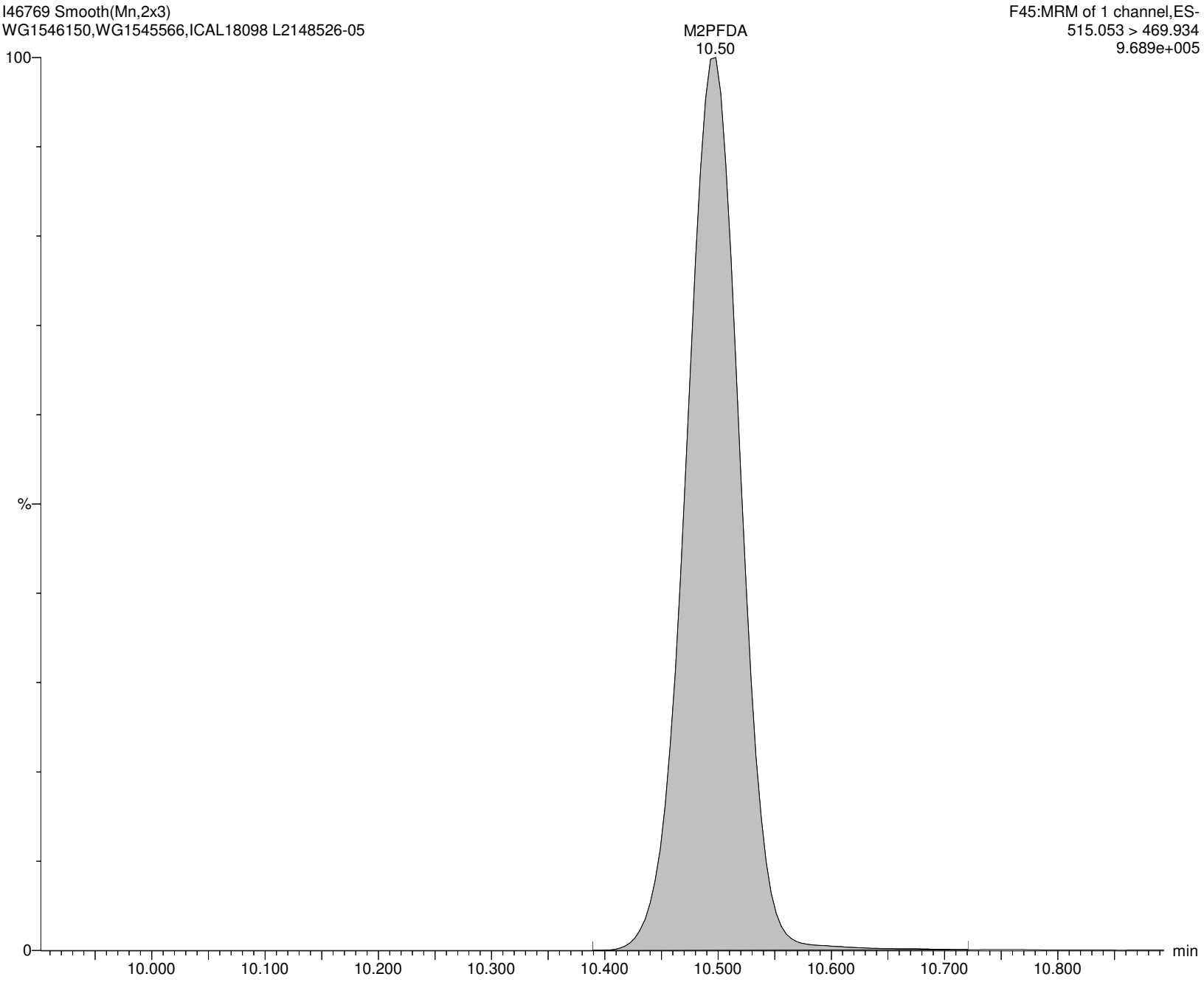


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:06 Eastern Daylight Time

Name: I46769
ID: L2148526-05
Date: 15-Sep-2021
Time: 06:32:02
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFDA

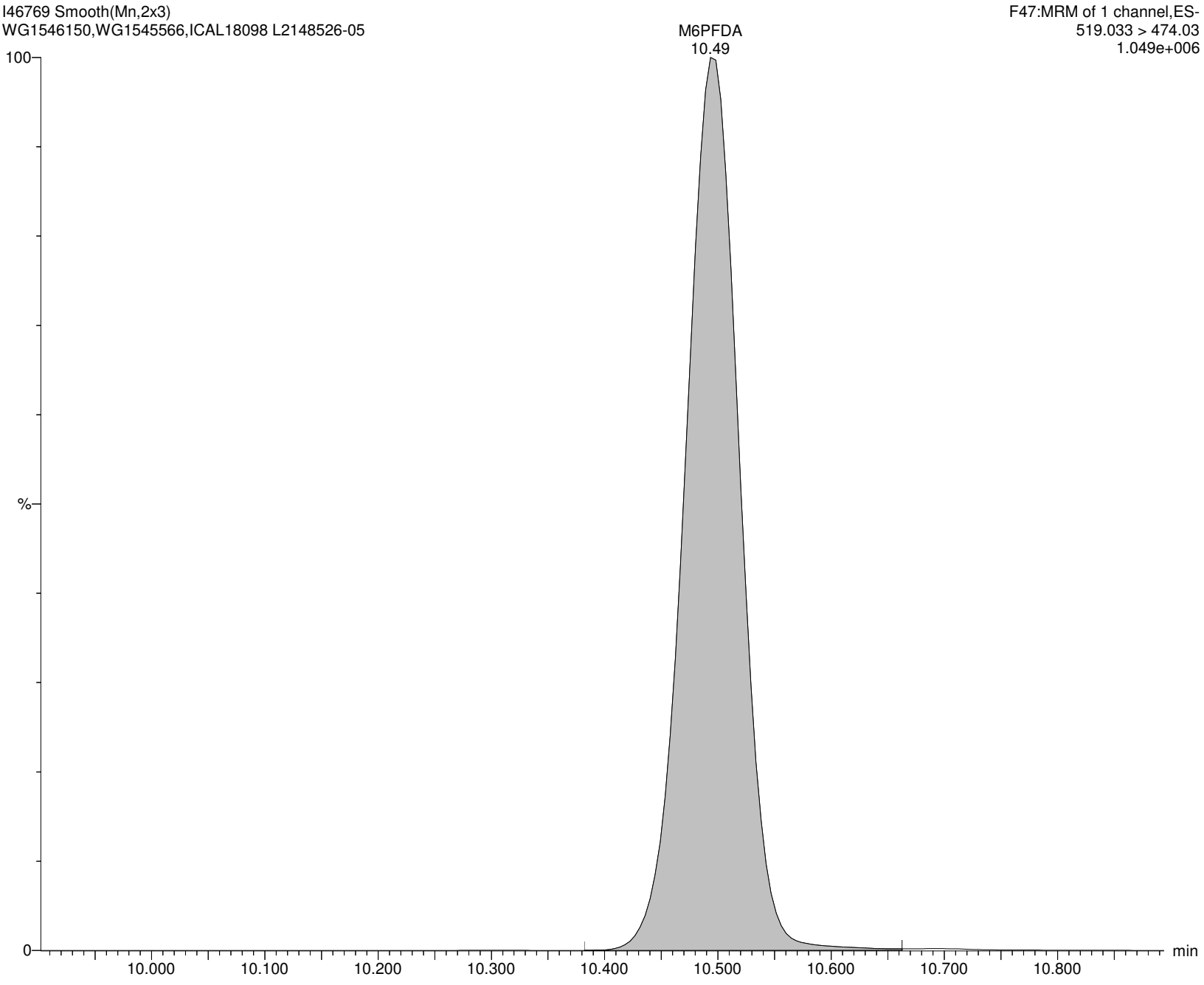


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:06 Eastern Daylight Time

Name: I46769
ID: L2148526-05
Date: 15-Sep-2021
Time: 06:32:02
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M6PFDA

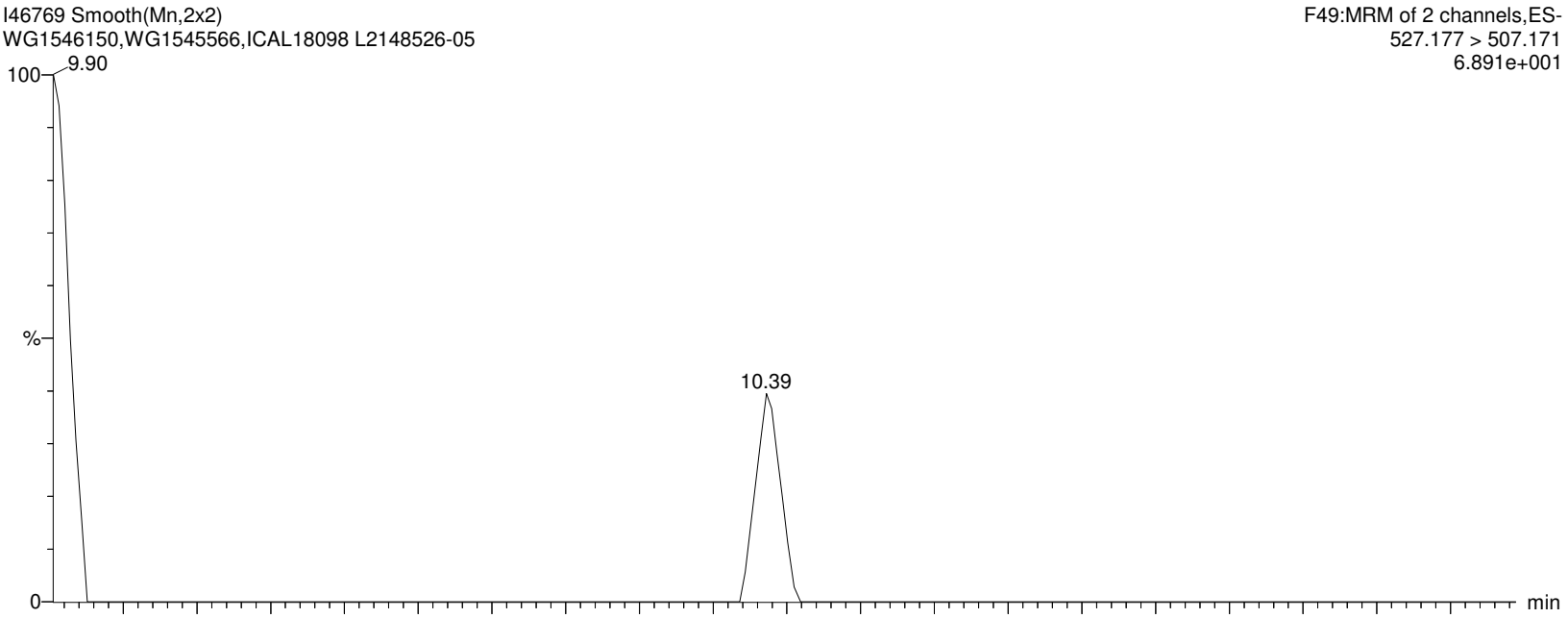


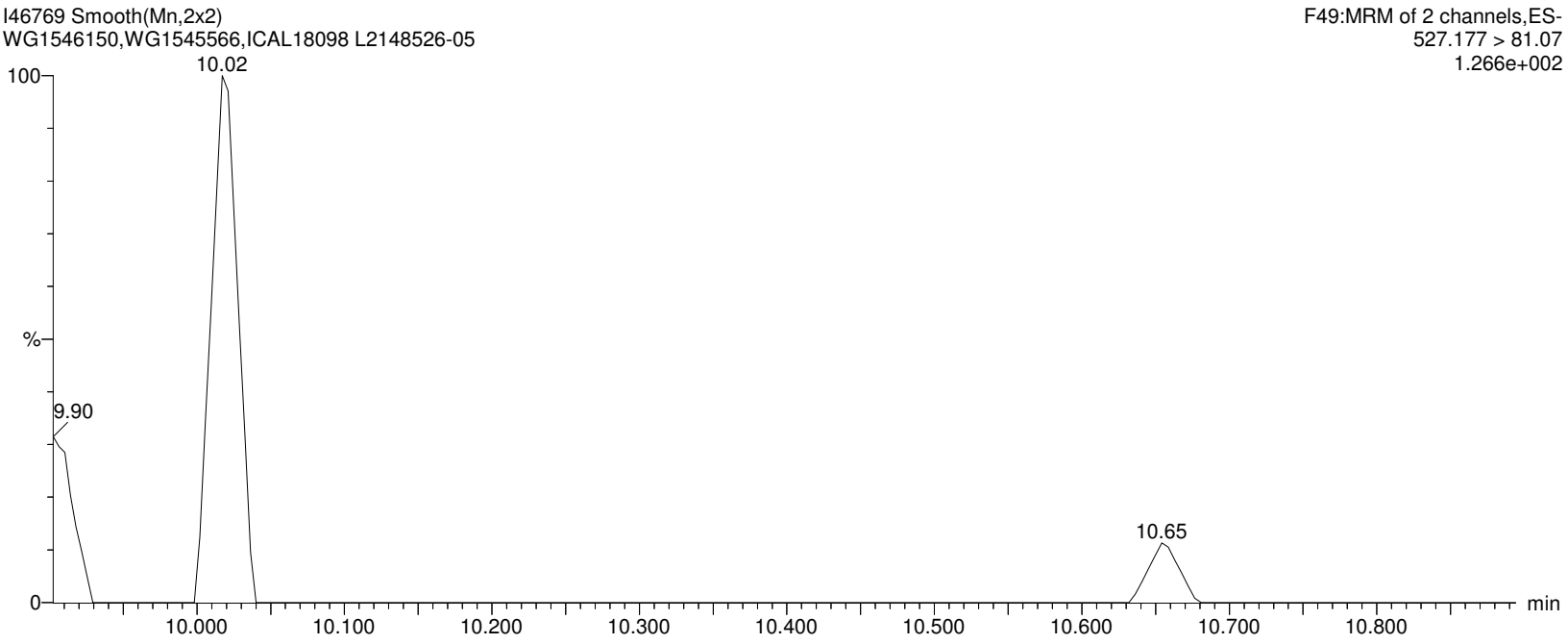
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:06 Eastern Daylight Time

Name: I46769
ID: L2148526-05
Date: 15-Sep-2021
Time: 06:32:02
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

8:2FTS



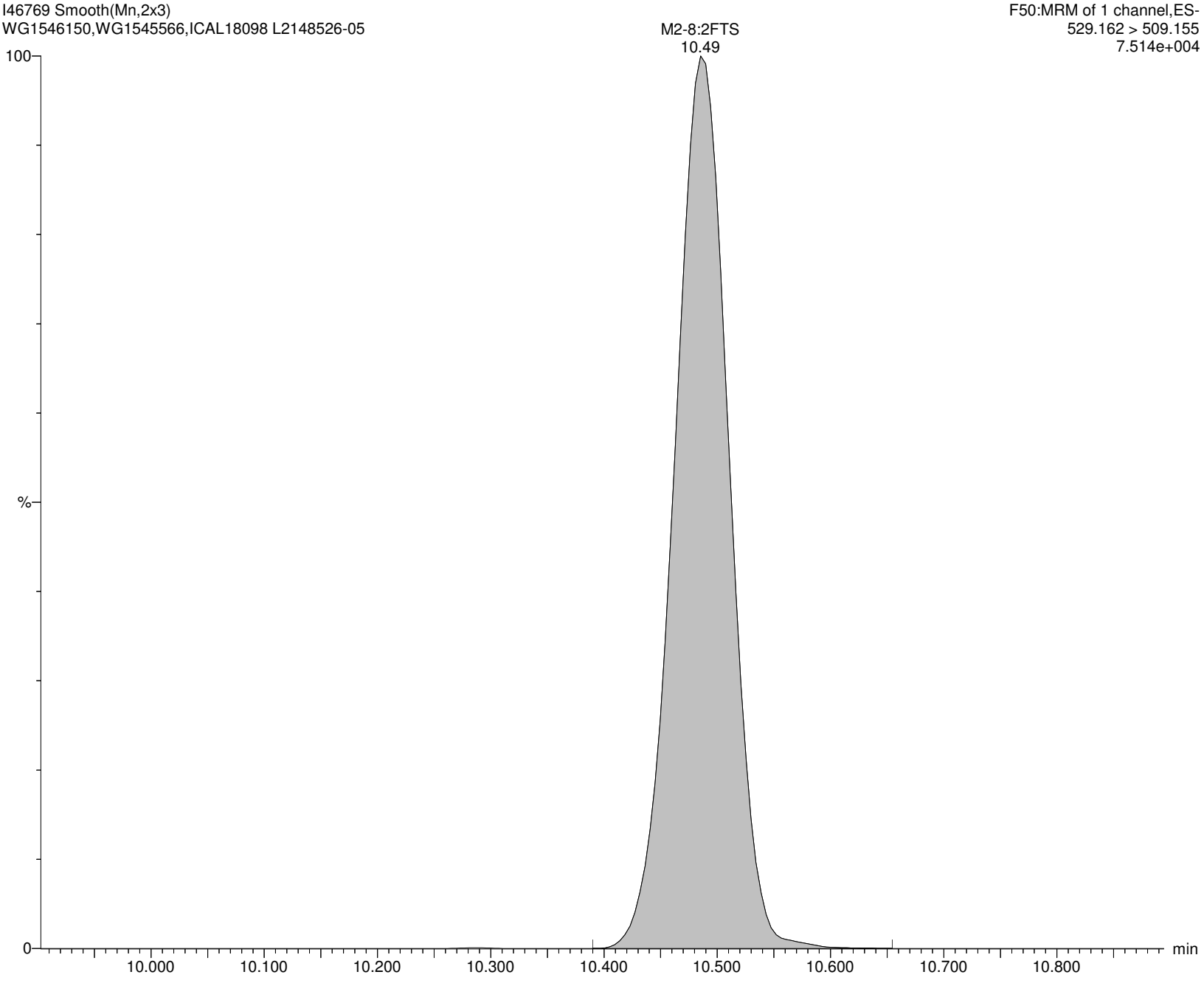


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:06 Eastern Daylight Time

Name: I46769
ID: L2148526-05
Date: 15-Sep-2021
Time: 06:32:02
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-8:2FTS

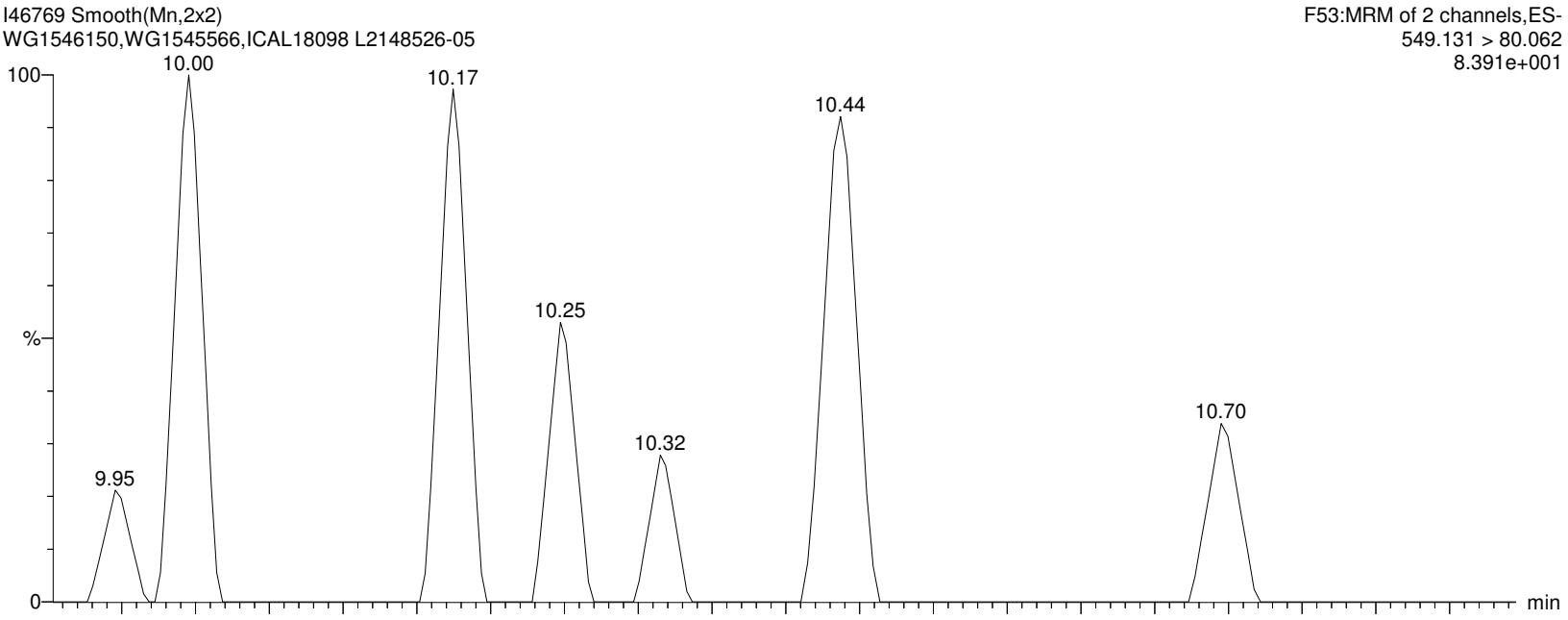


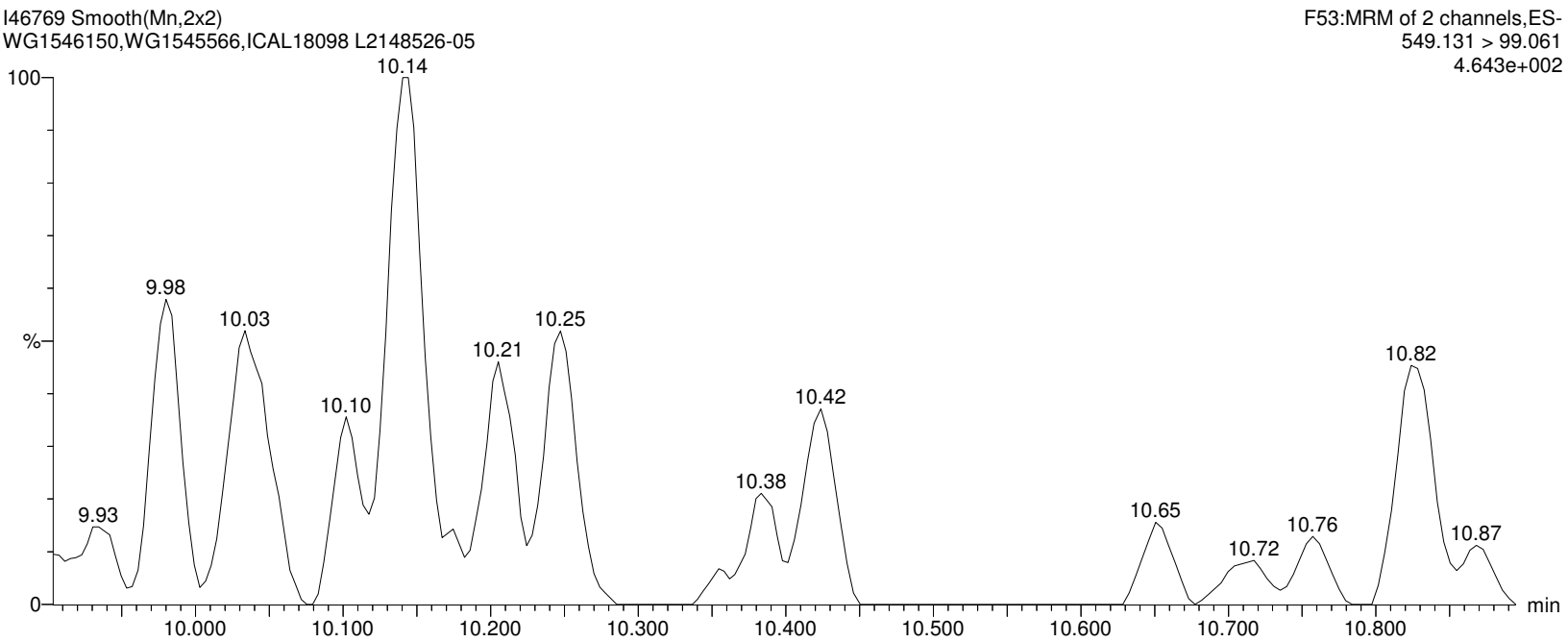
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:06 Eastern Daylight Time

Name: I46769
ID: L2148526-05
Date: 15-Sep-2021
Time: 06:32:02
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNS



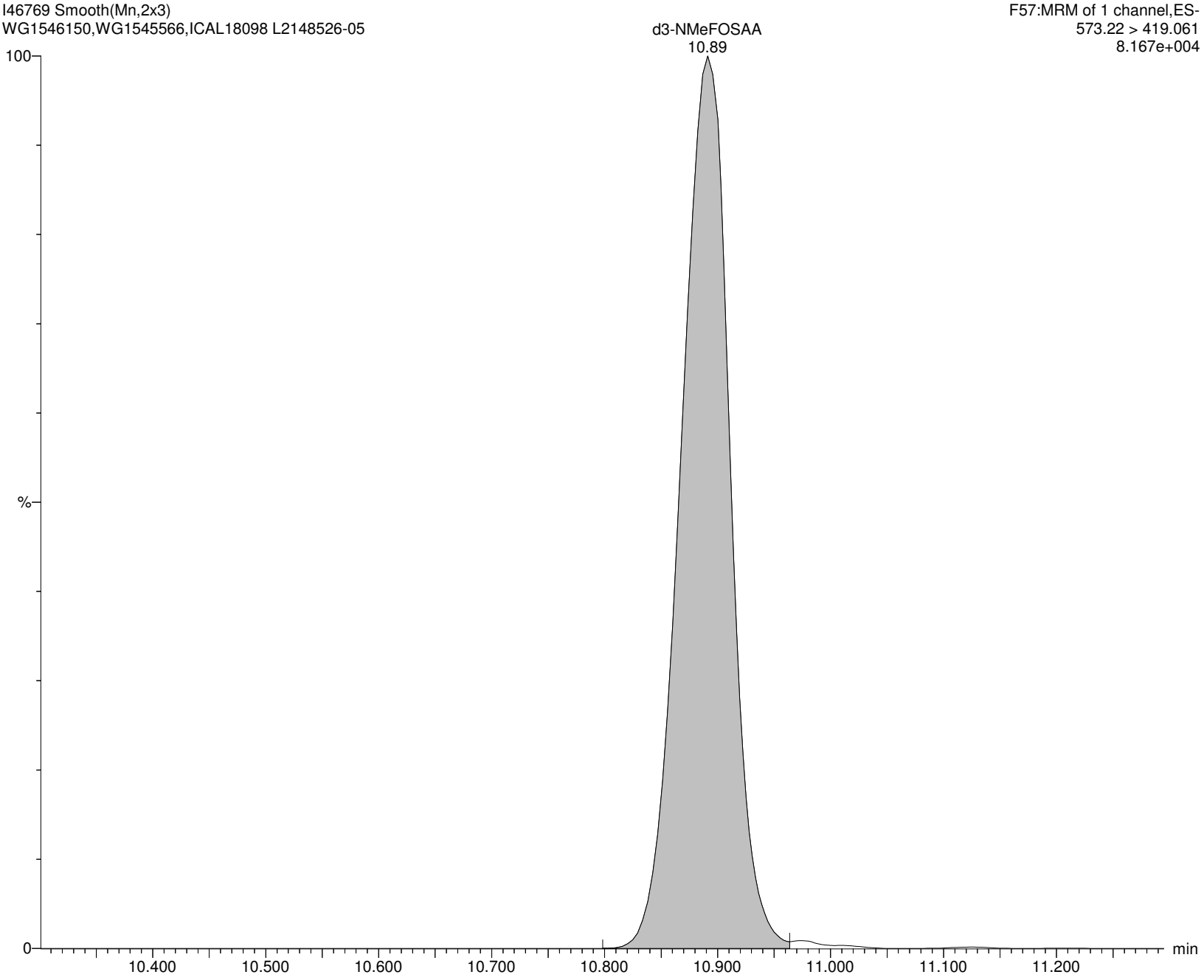


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:06 Eastern Daylight Time

Name: I46769
ID: L2148526-05
Date: 15-Sep-2021
Time: 06:32:02
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSAA

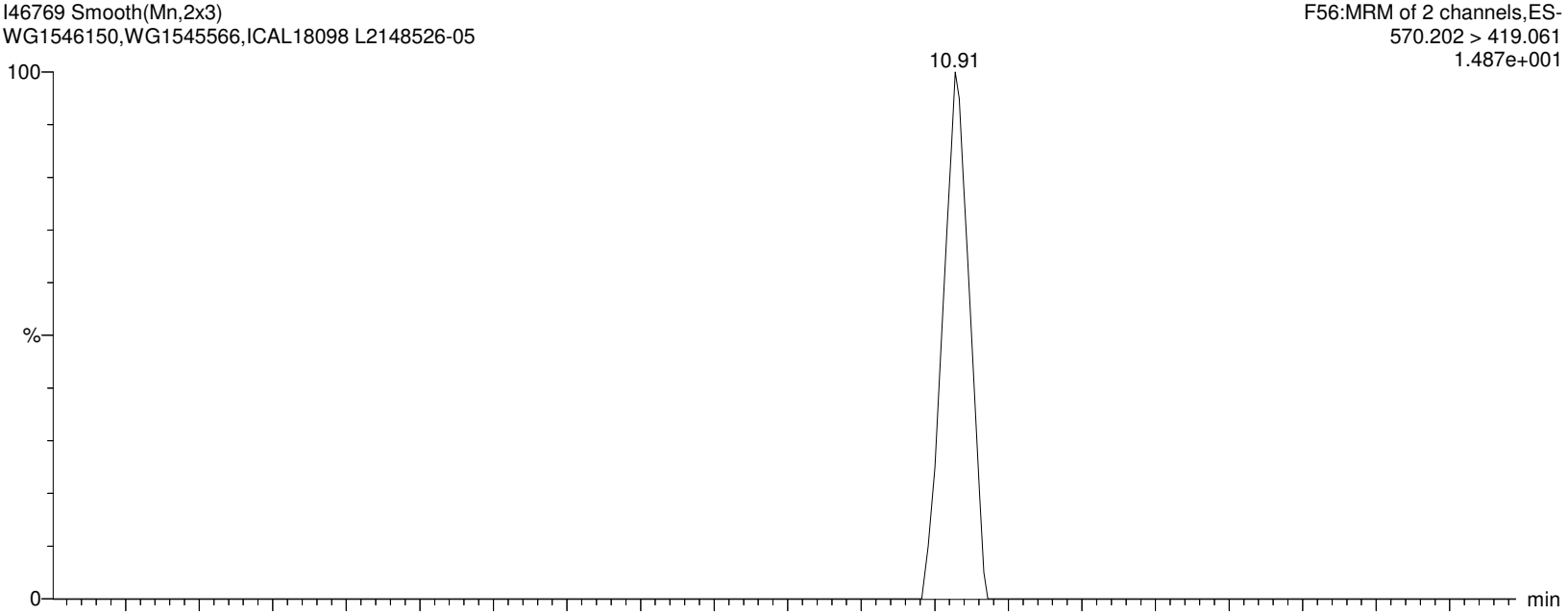


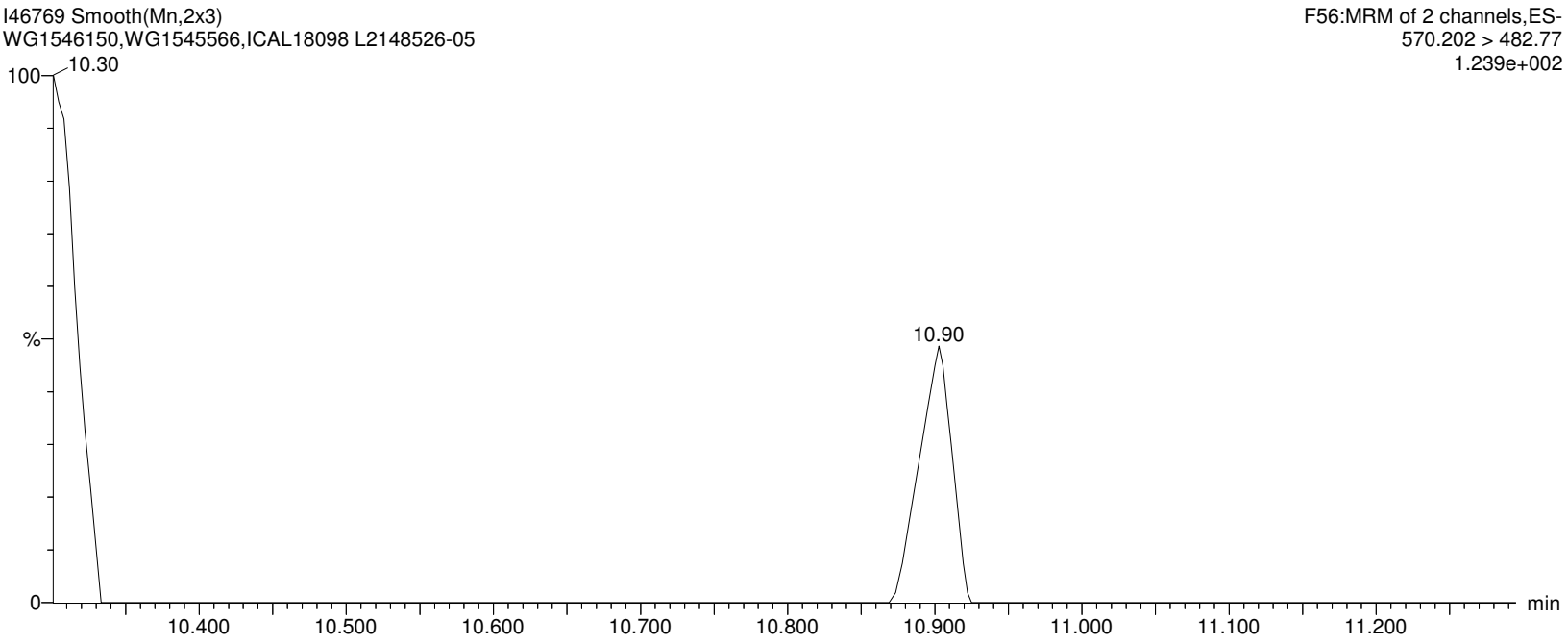
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:06 Eastern Daylight Time

Name: I46769
ID: L2148526-05
Date: 15-Sep-2021
Time: 06:32:02
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NMeFOSAA



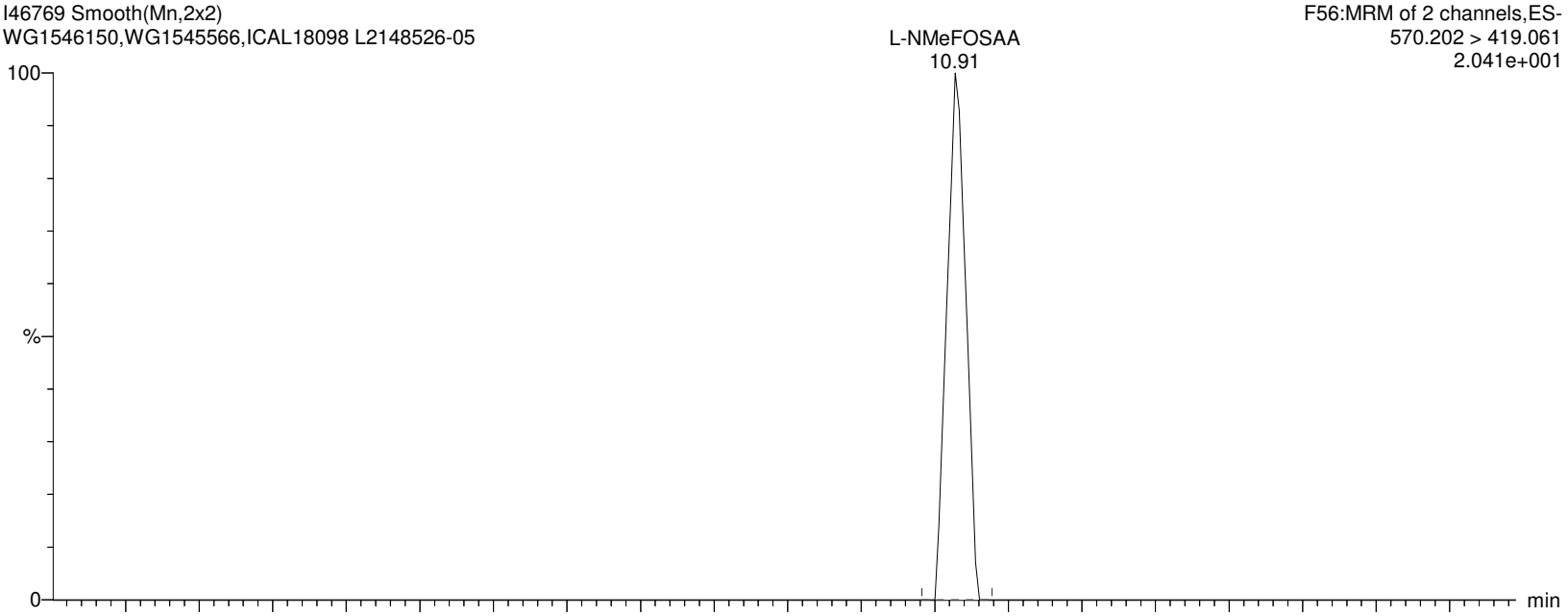


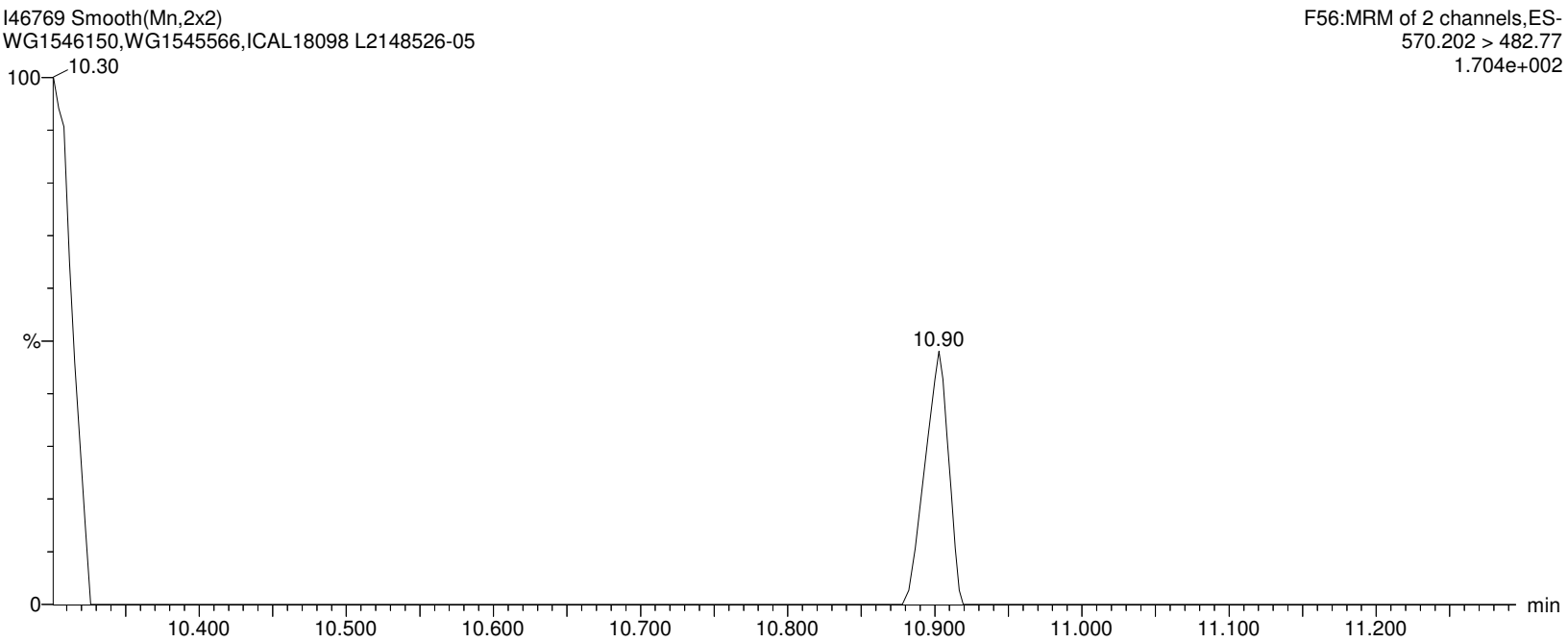
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:06 Eastern Daylight Time

Name: I46769
ID: L2148526-05
Date: 15-Sep-2021
Time: 06:32:02
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NMeFOSAA



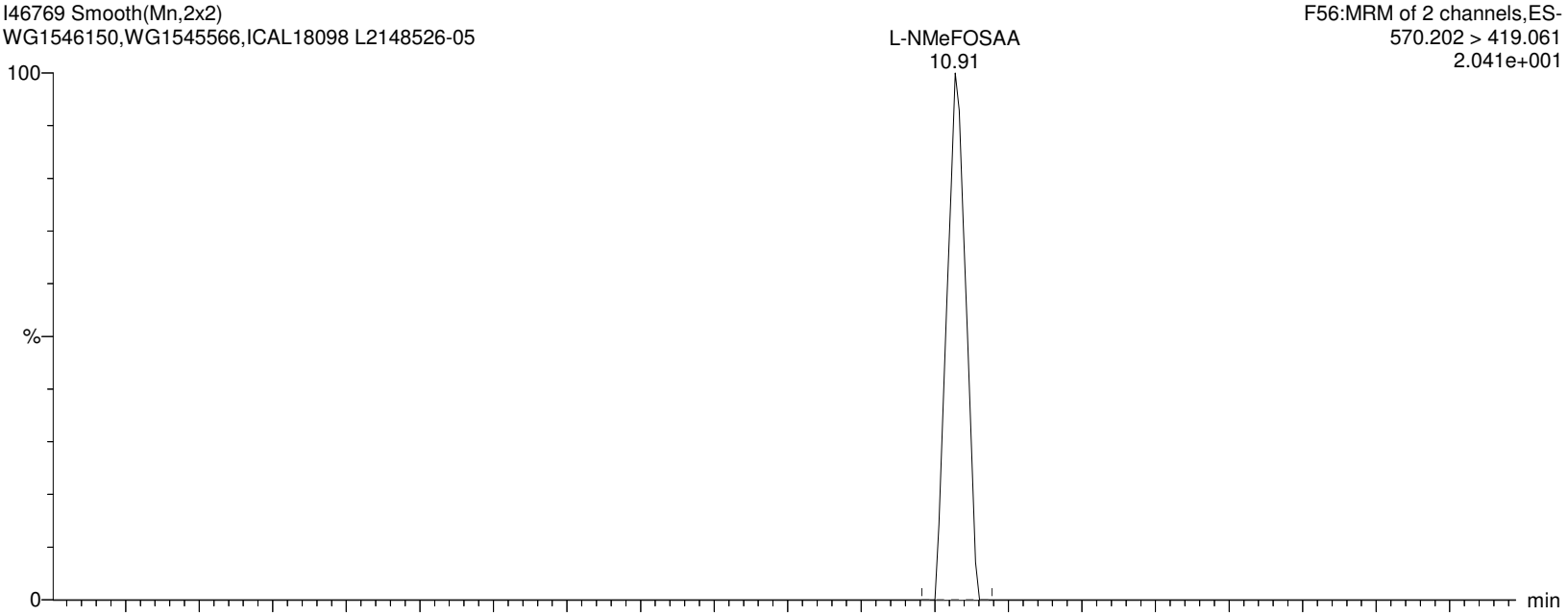


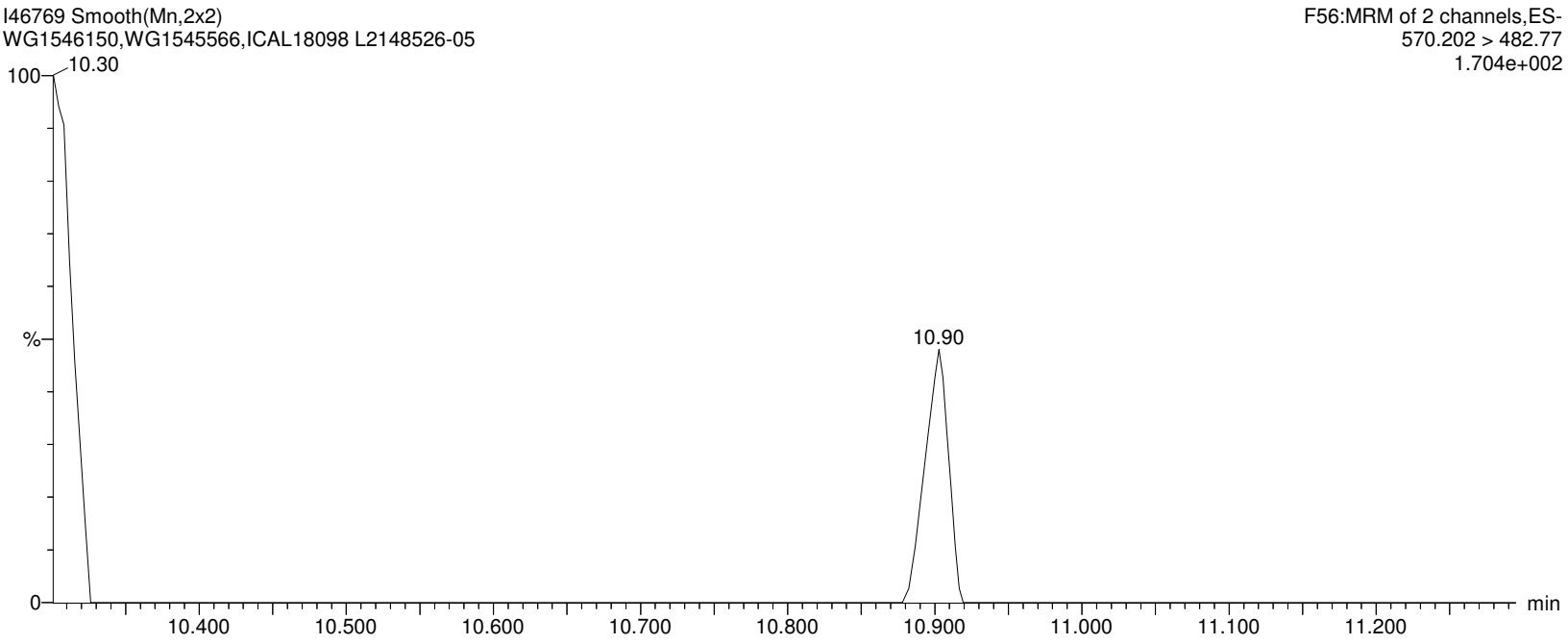
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:06 Eastern Daylight Time

Name: I46769
ID: L2148526-05
Date: 15-Sep-2021
Time: 06:32:02
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSAA



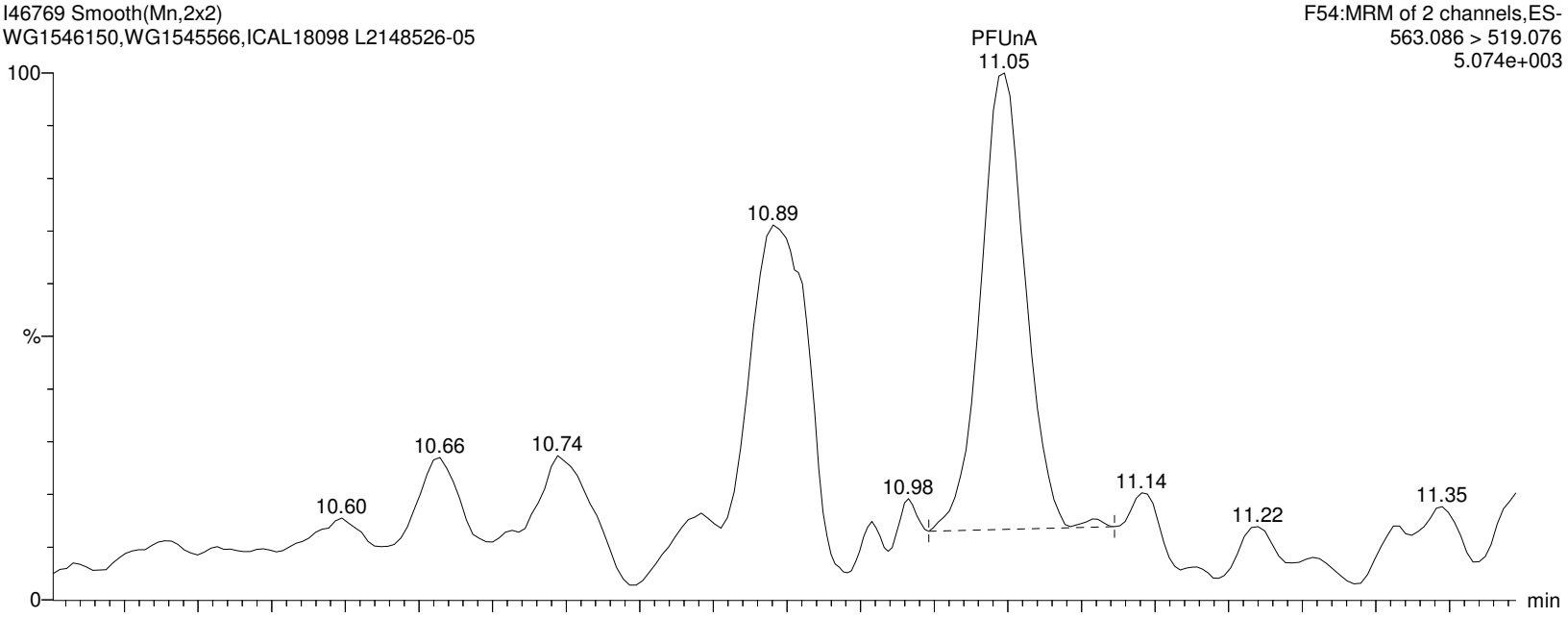


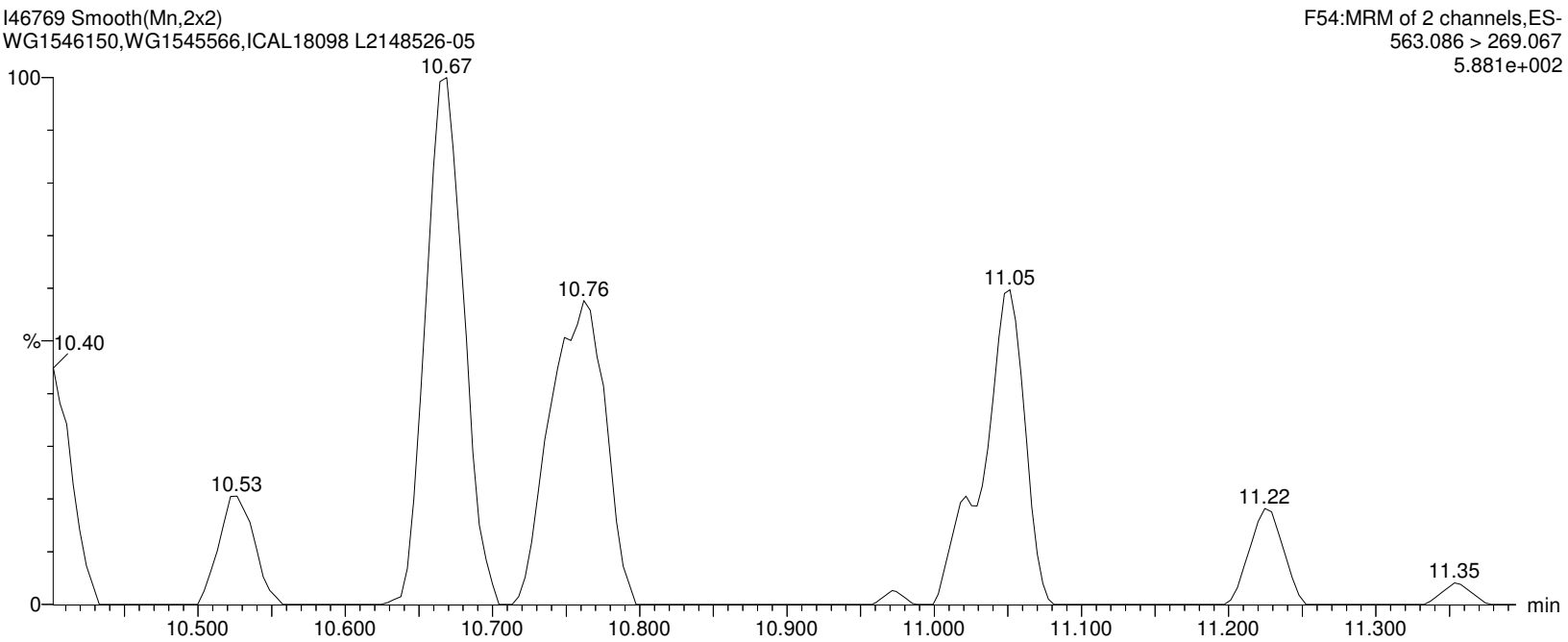
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:06 Eastern Daylight Time

Name: I46769
ID: L2148526-05
Date: 15-Sep-2021
Time: 06:32:02
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFUnA



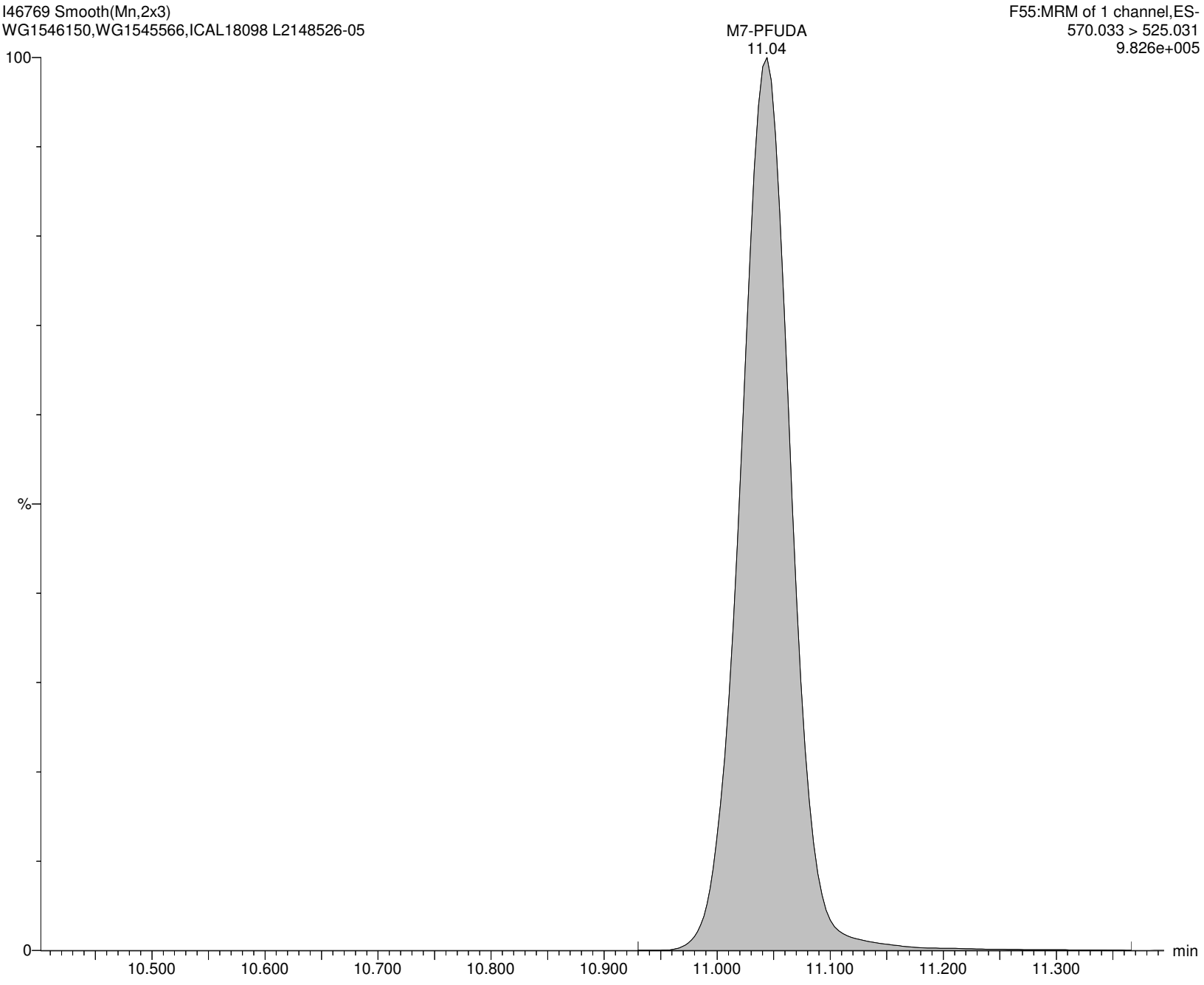


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:06 Eastern Daylight Time

Name: I46769
ID: L2148526-05
Date: 15-Sep-2021
Time: 06:32:02
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M7-PFUDA

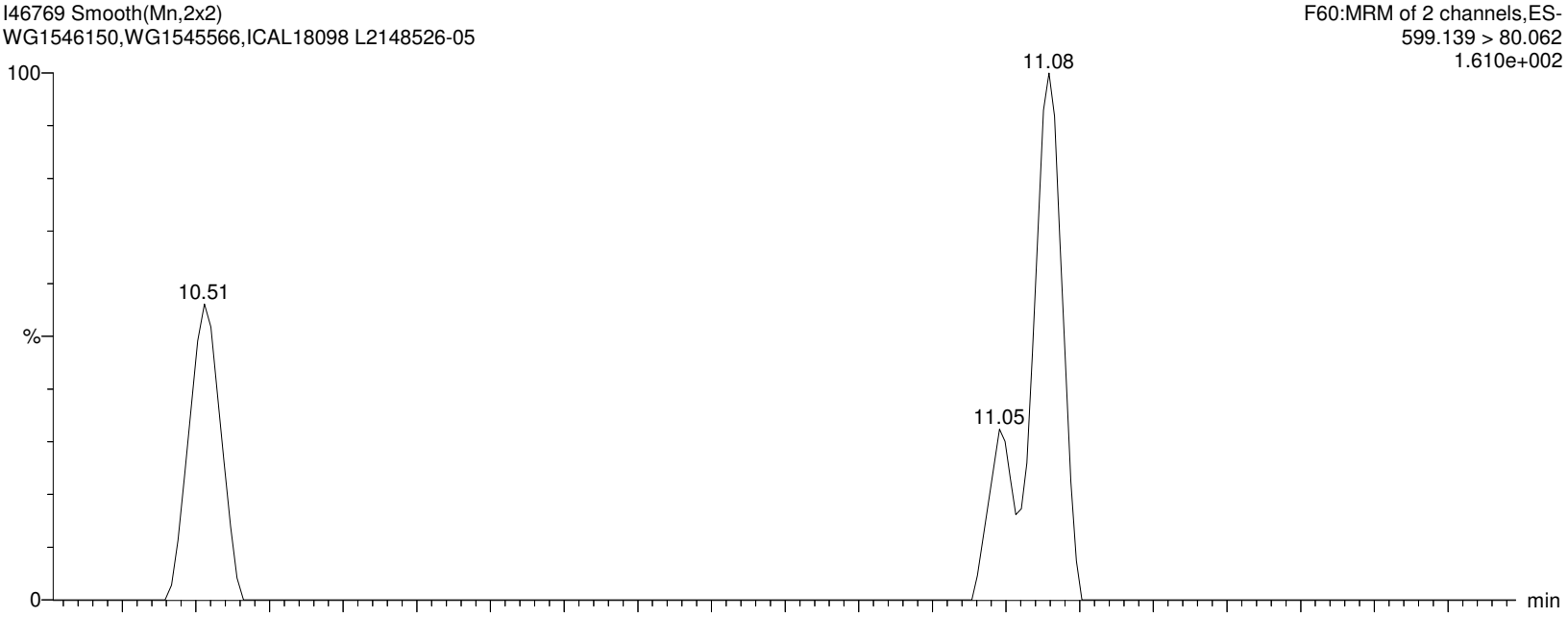


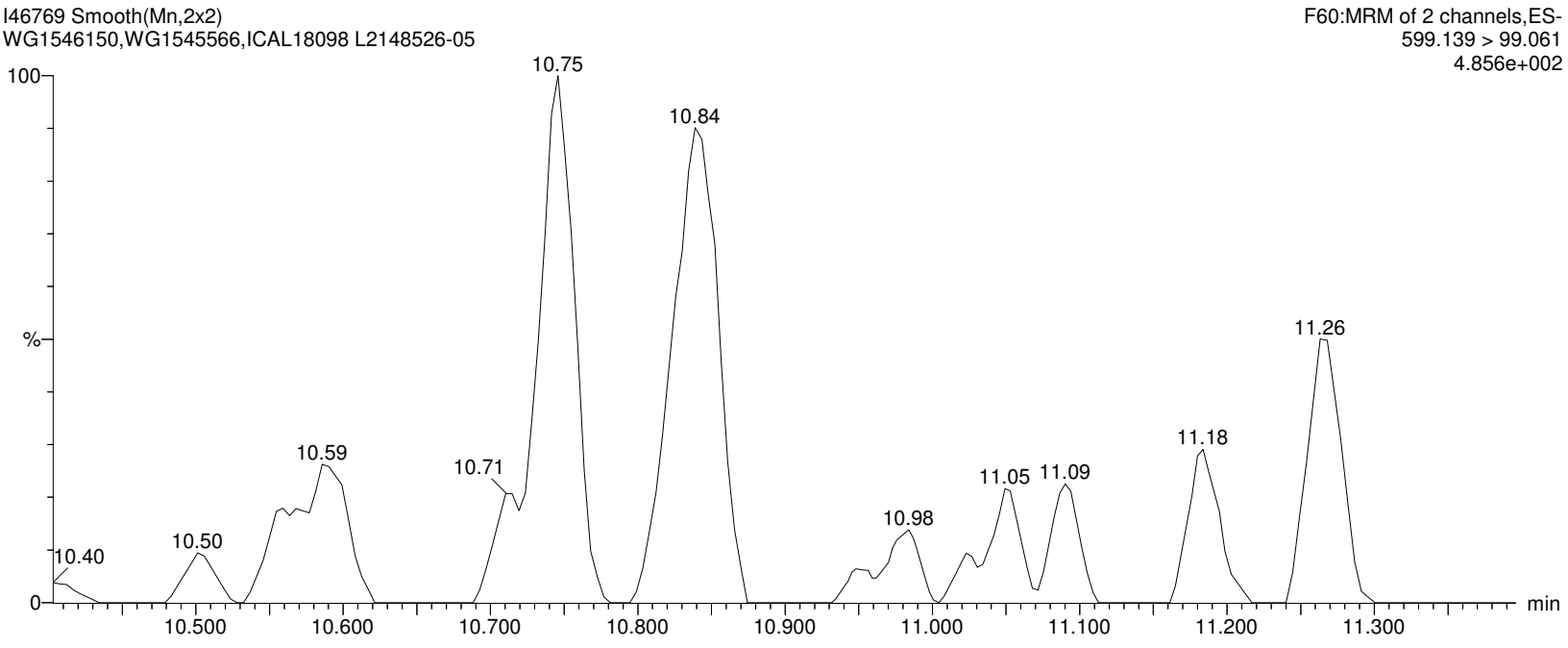
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:06 Eastern Daylight Time

Name: I46769
ID: L2148526-05
Date: 15-Sep-2021
Time: 06:32:02
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDS



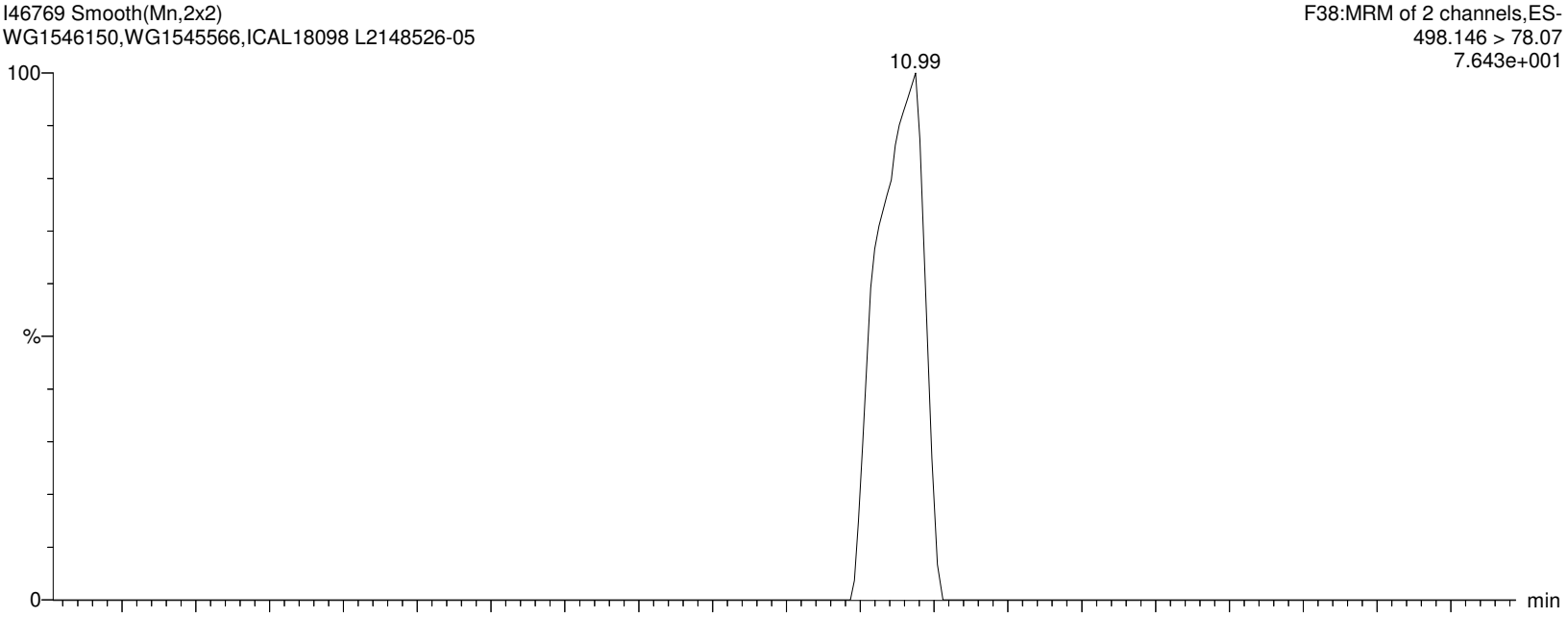


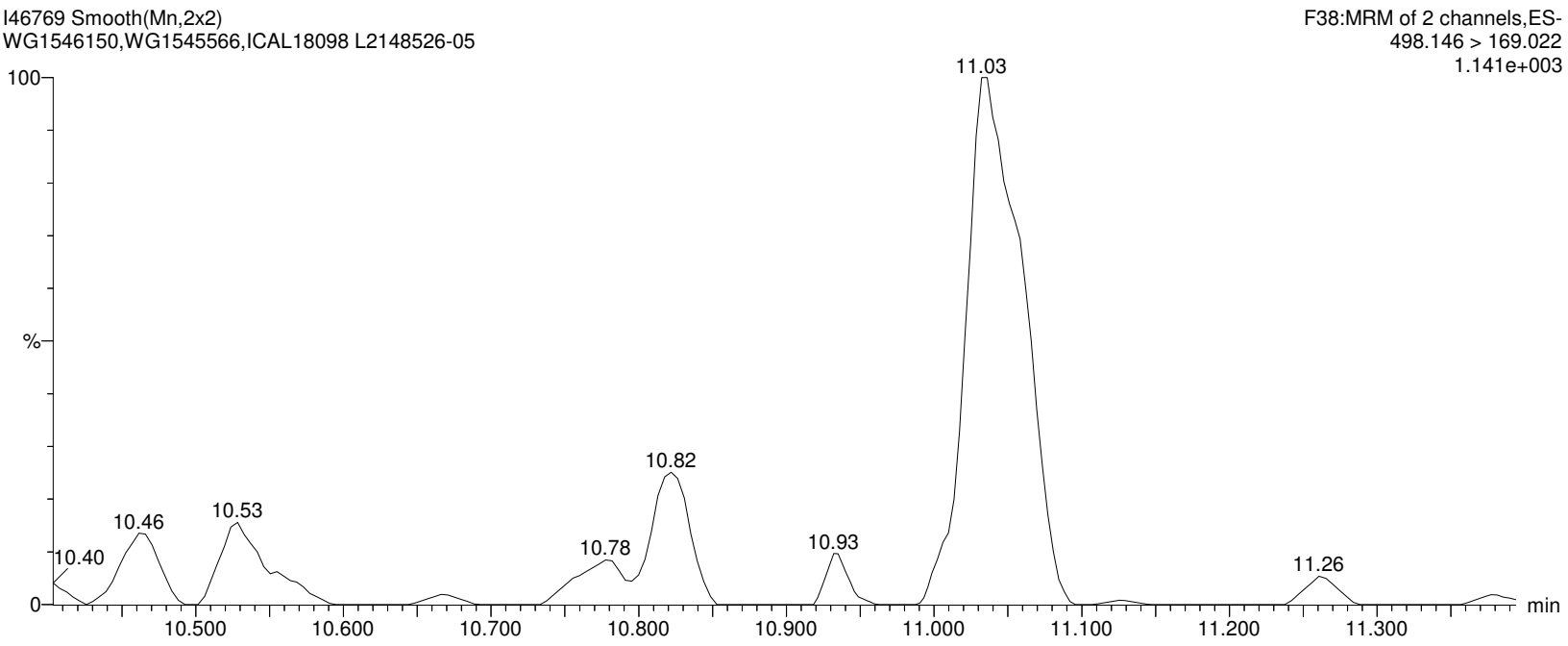
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:06 Eastern Daylight Time

Name: I46769
ID: L2148526-05
Date: 15-Sep-2021
Time: 06:32:02
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

FOSA



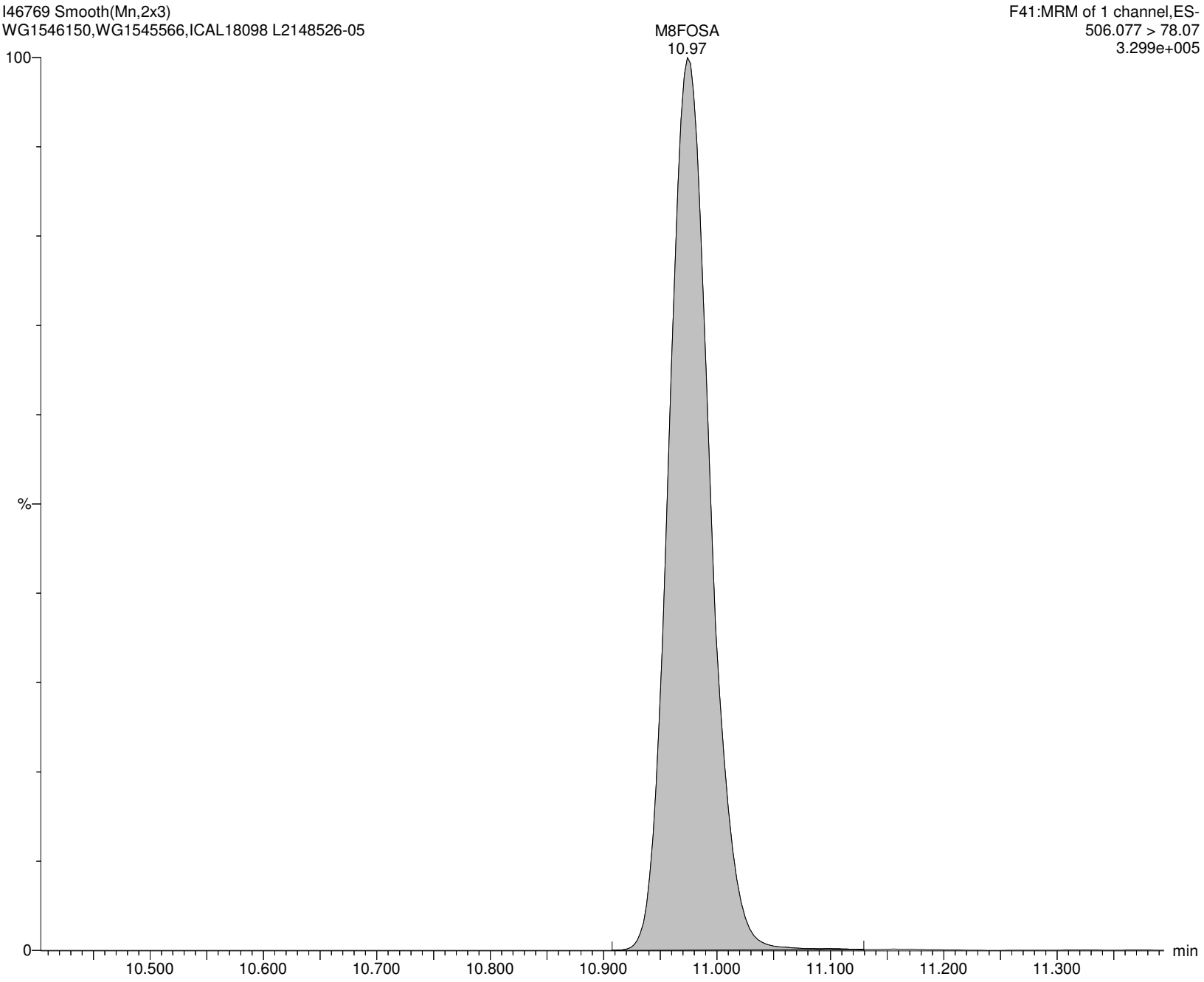


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:06 Eastern Daylight Time

Name: I46769
ID: L2148526-05
Date: 15-Sep-2021
Time: 06:32:02
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8FOSA

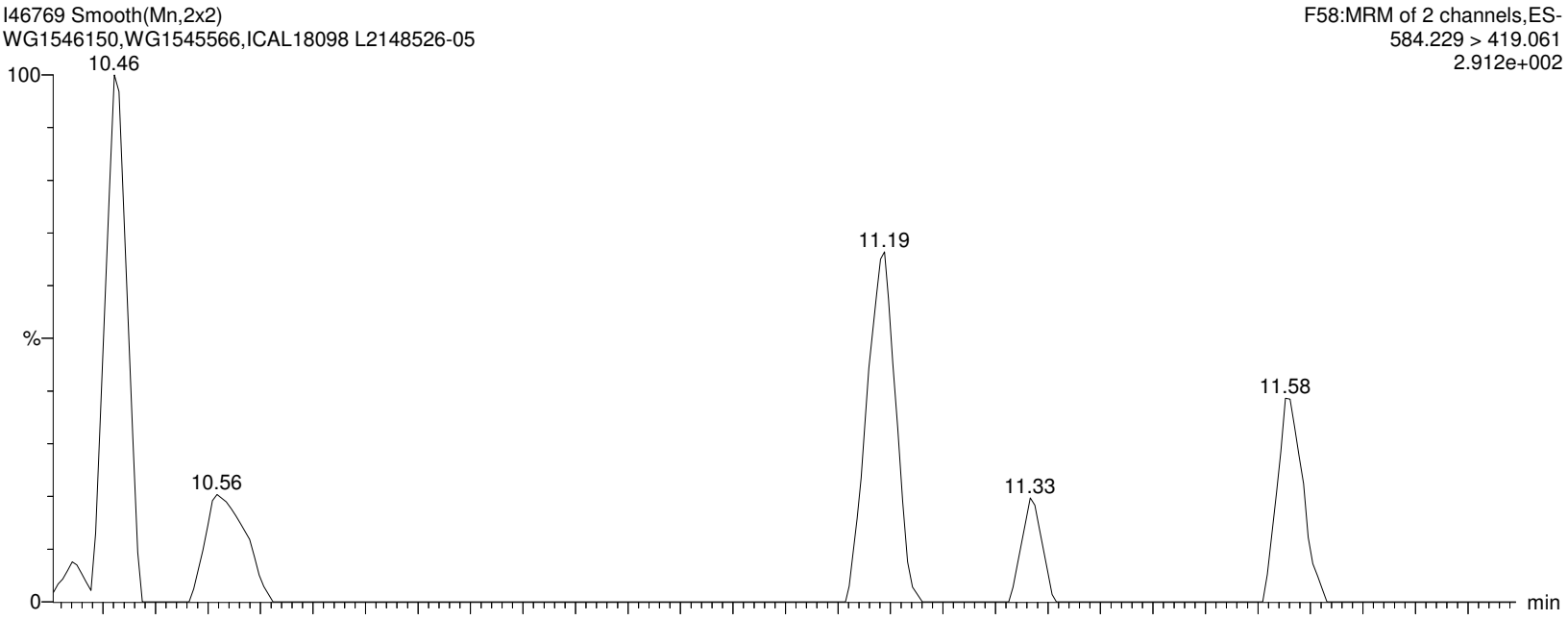


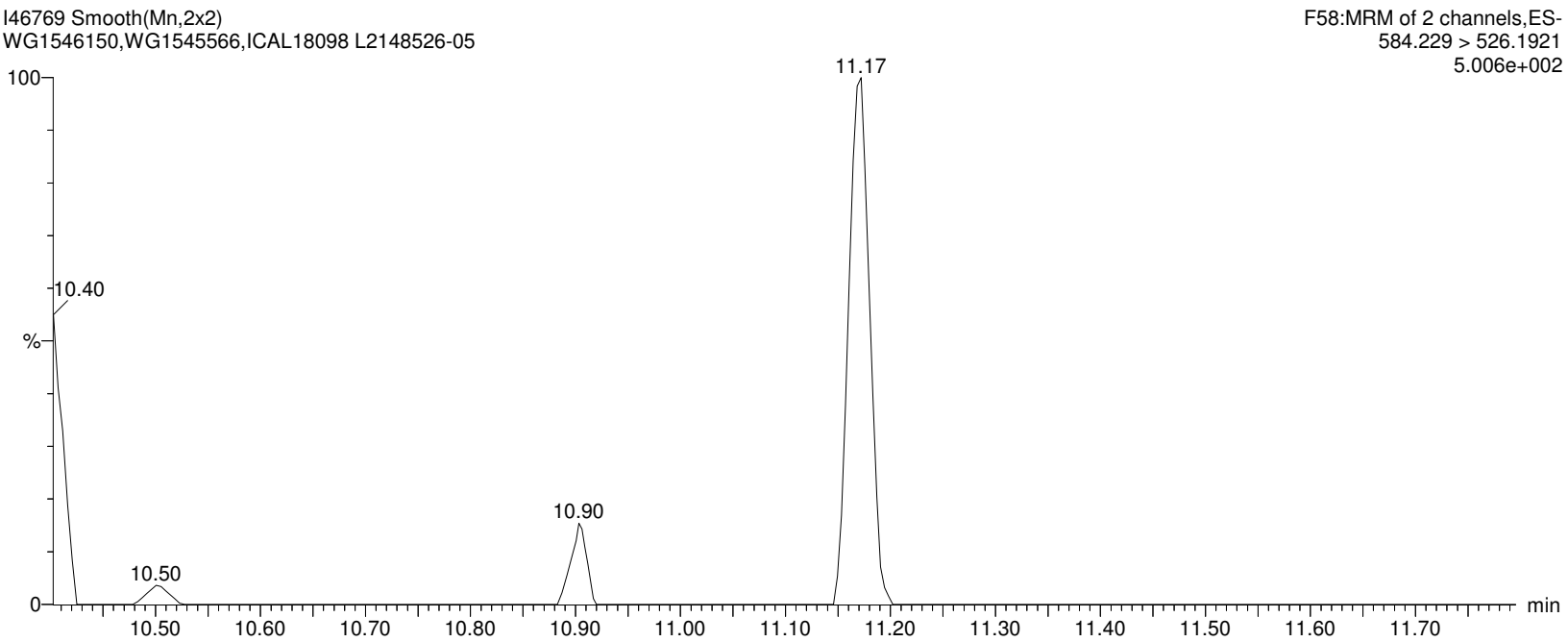
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:06 Eastern Daylight Time

Name: I46769
ID: L2148526-05
Date: 15-Sep-2021
Time: 06:32:02
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NEtFOSAA



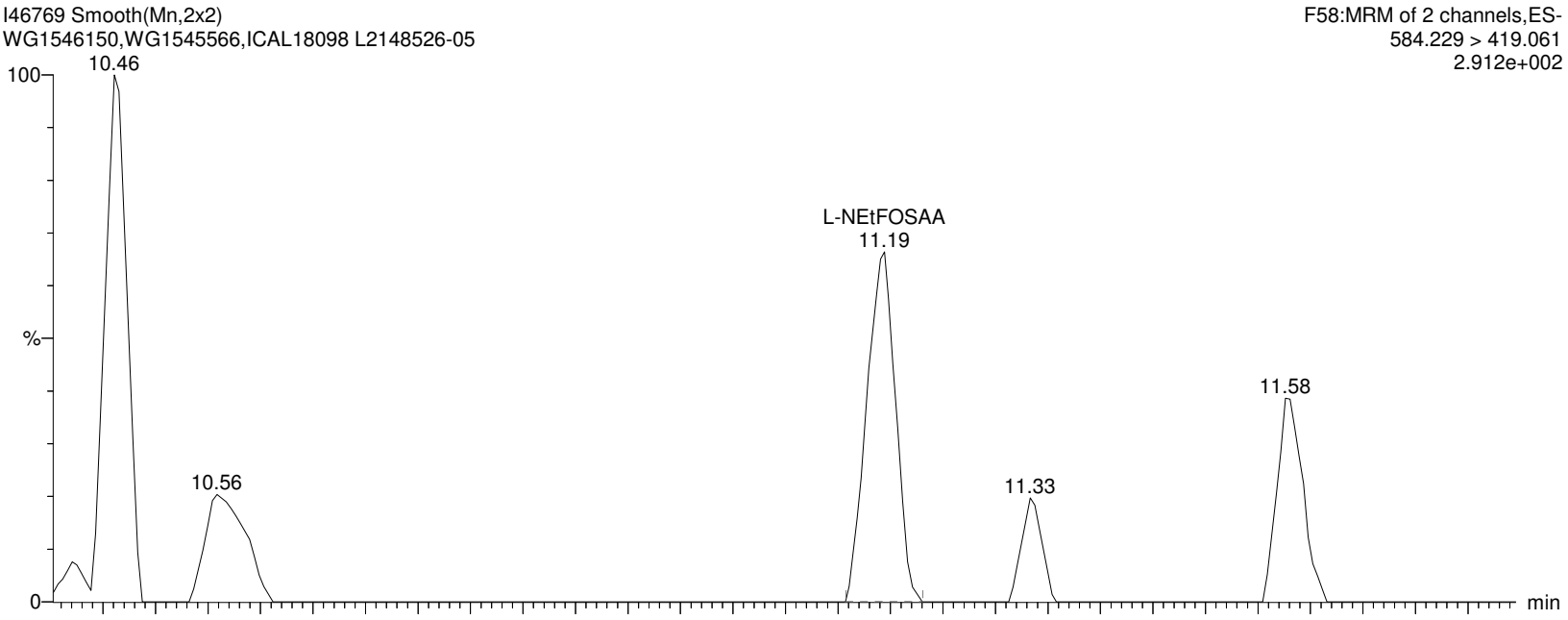


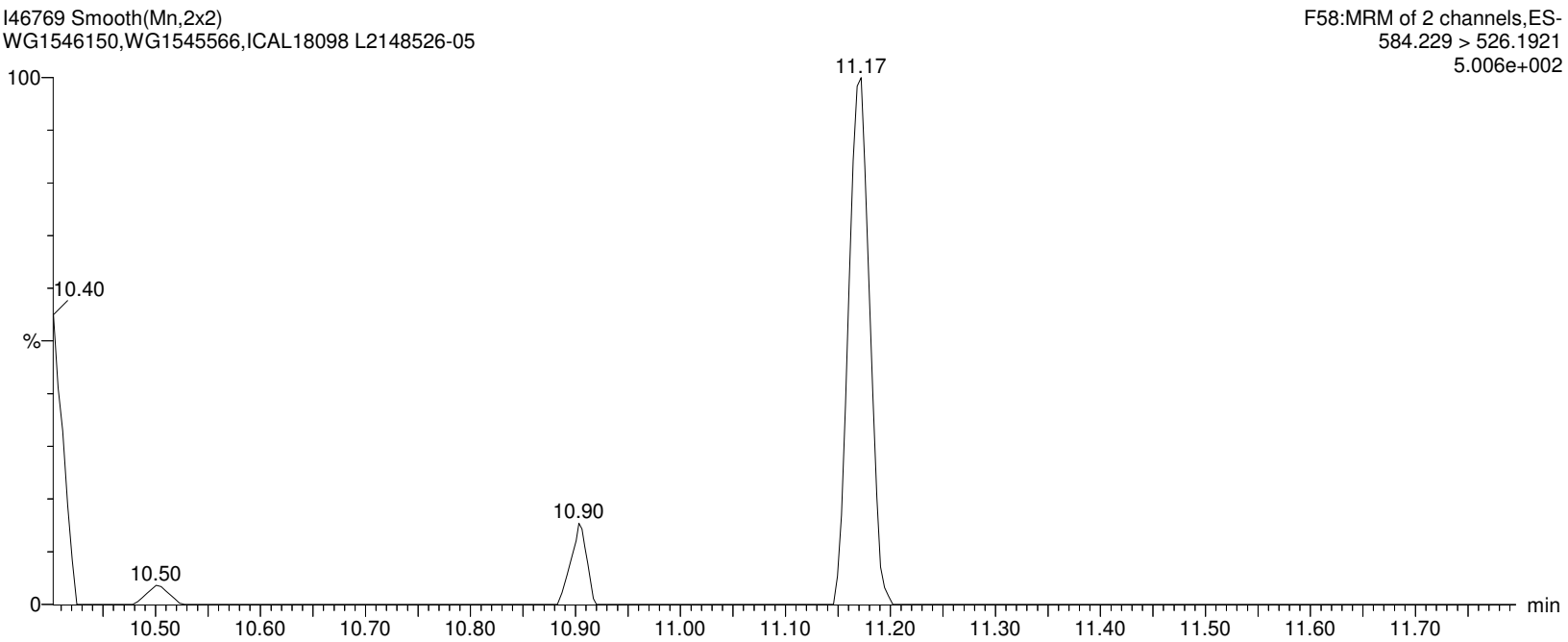
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:06 Eastern Daylight Time

Name: I46769
ID: L2148526-05
Date: 15-Sep-2021
Time: 06:32:02
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NEtFOSAA



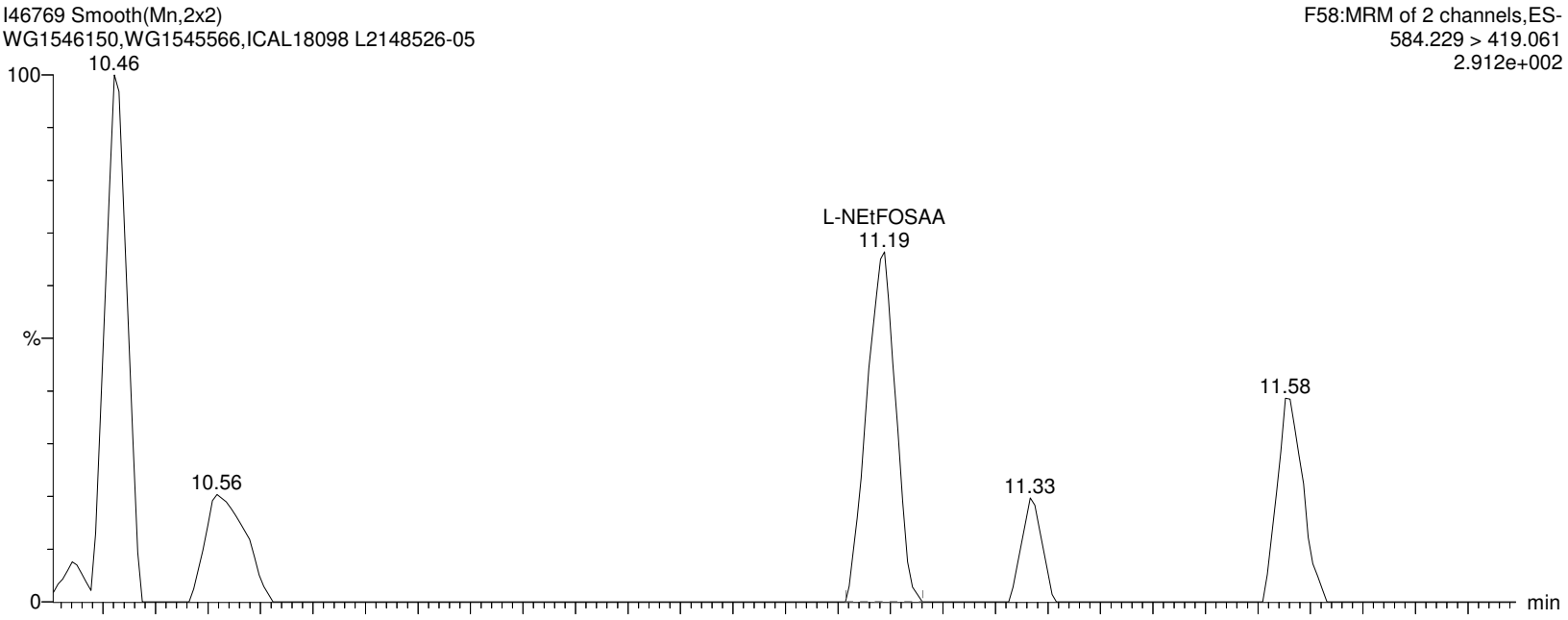


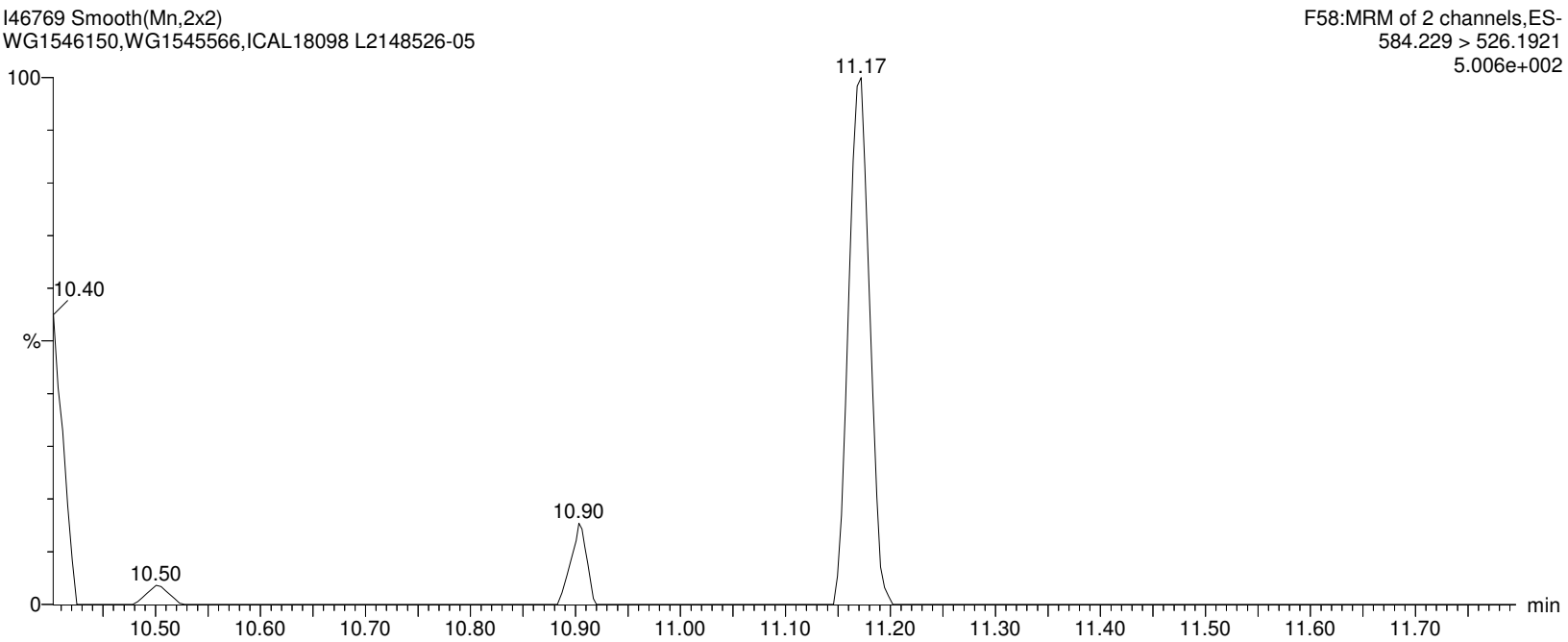
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:06 Eastern Daylight Time

Name: I46769
ID: L2148526-05
Date: 15-Sep-2021
Time: 06:32:02
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSAA



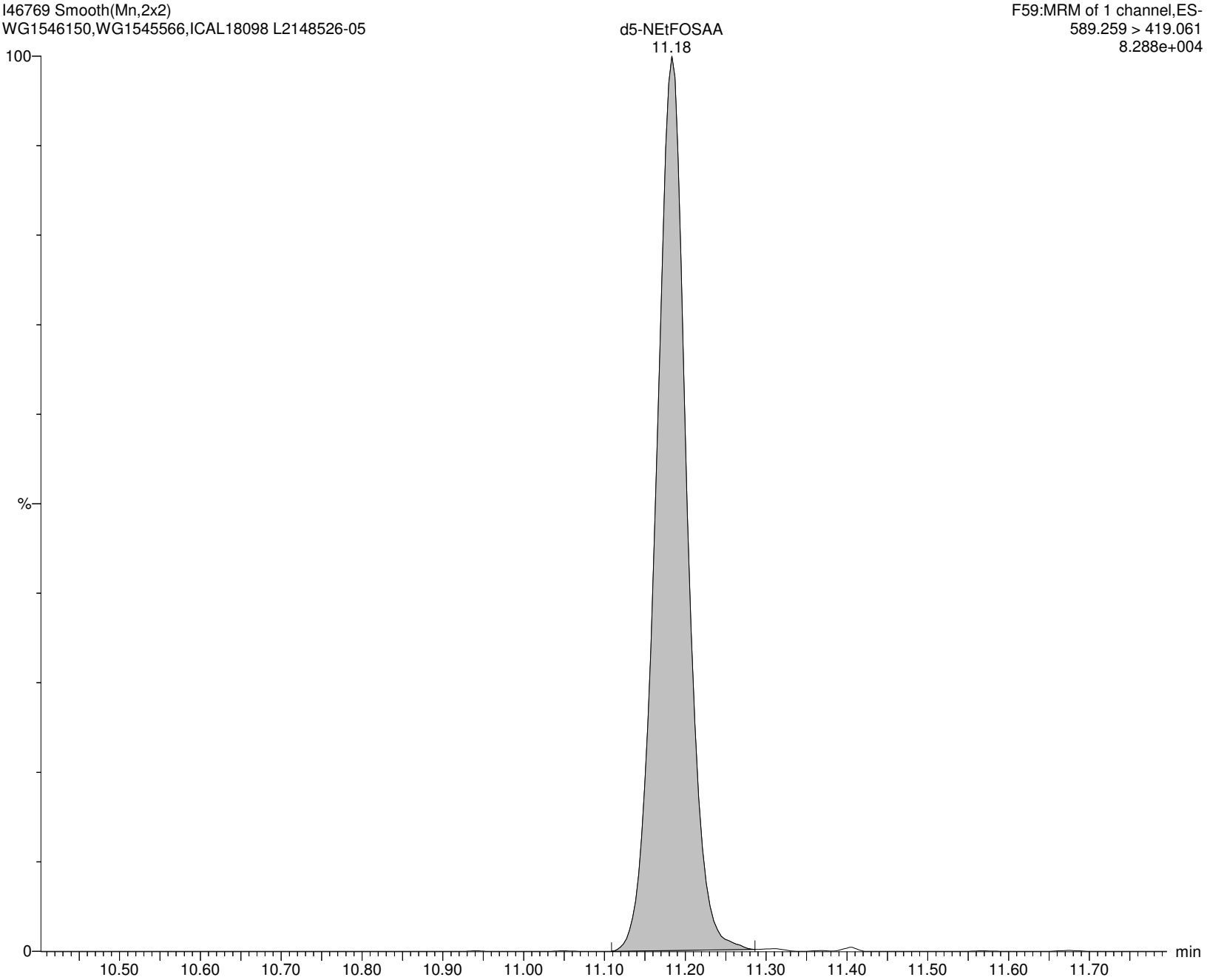


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:06 Eastern Daylight Time

Name: I46769
ID: L2148526-05
Date: 15-Sep-2021
Time: 06:32:02
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSAA

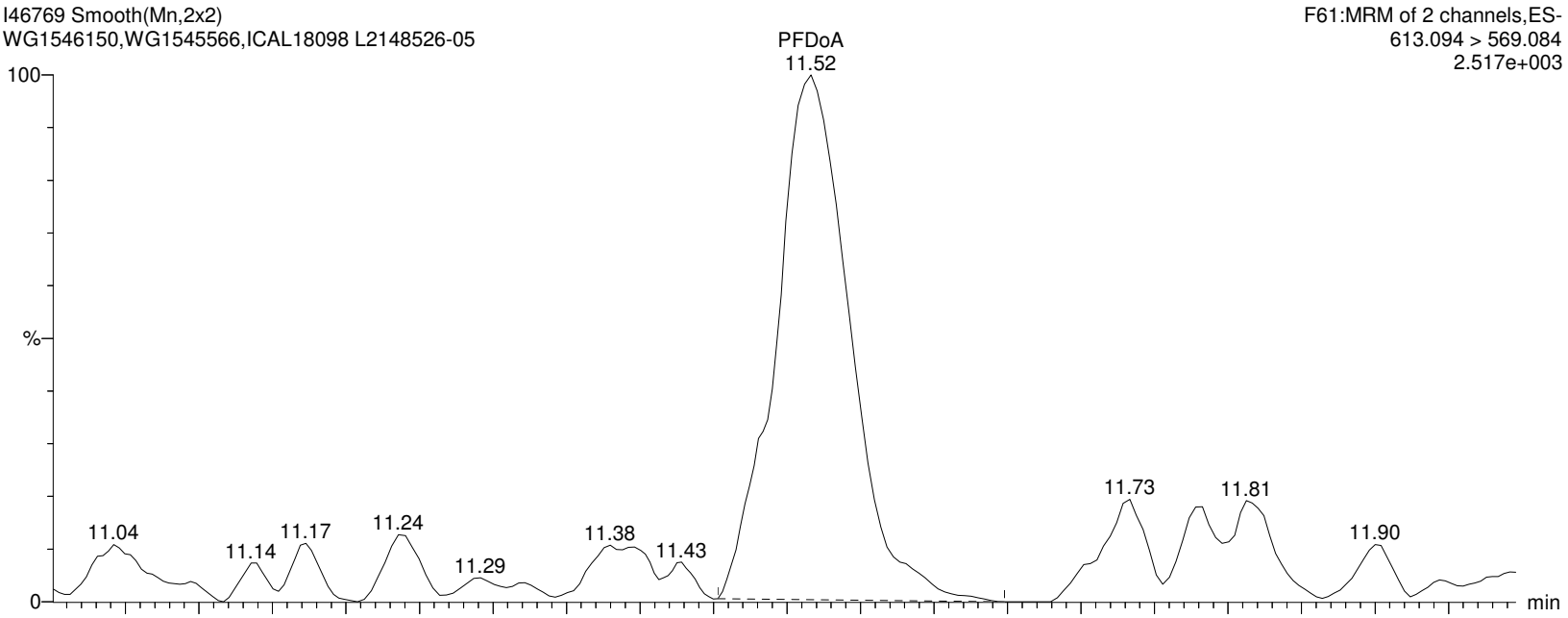


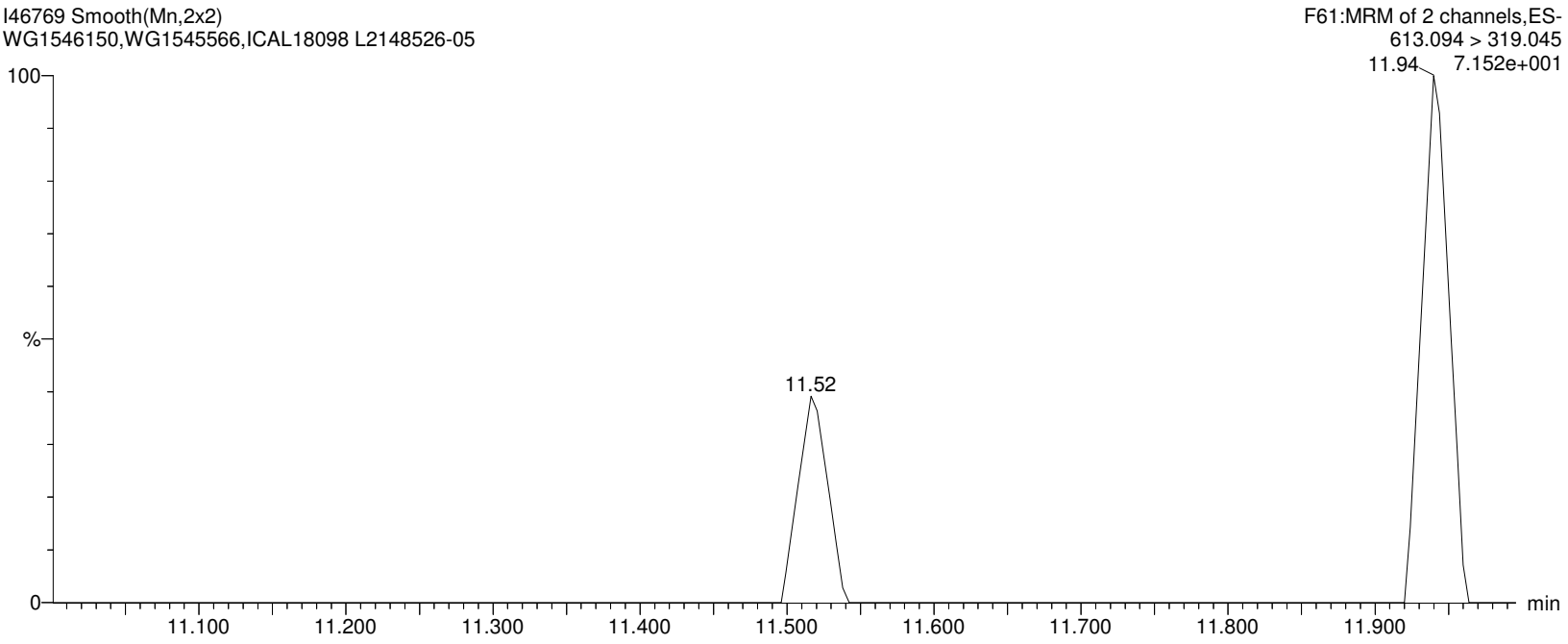
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:06 Eastern Daylight Time

Name: I46769
ID: L2148526-05
Date: 15-Sep-2021
Time: 06:32:02
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoA



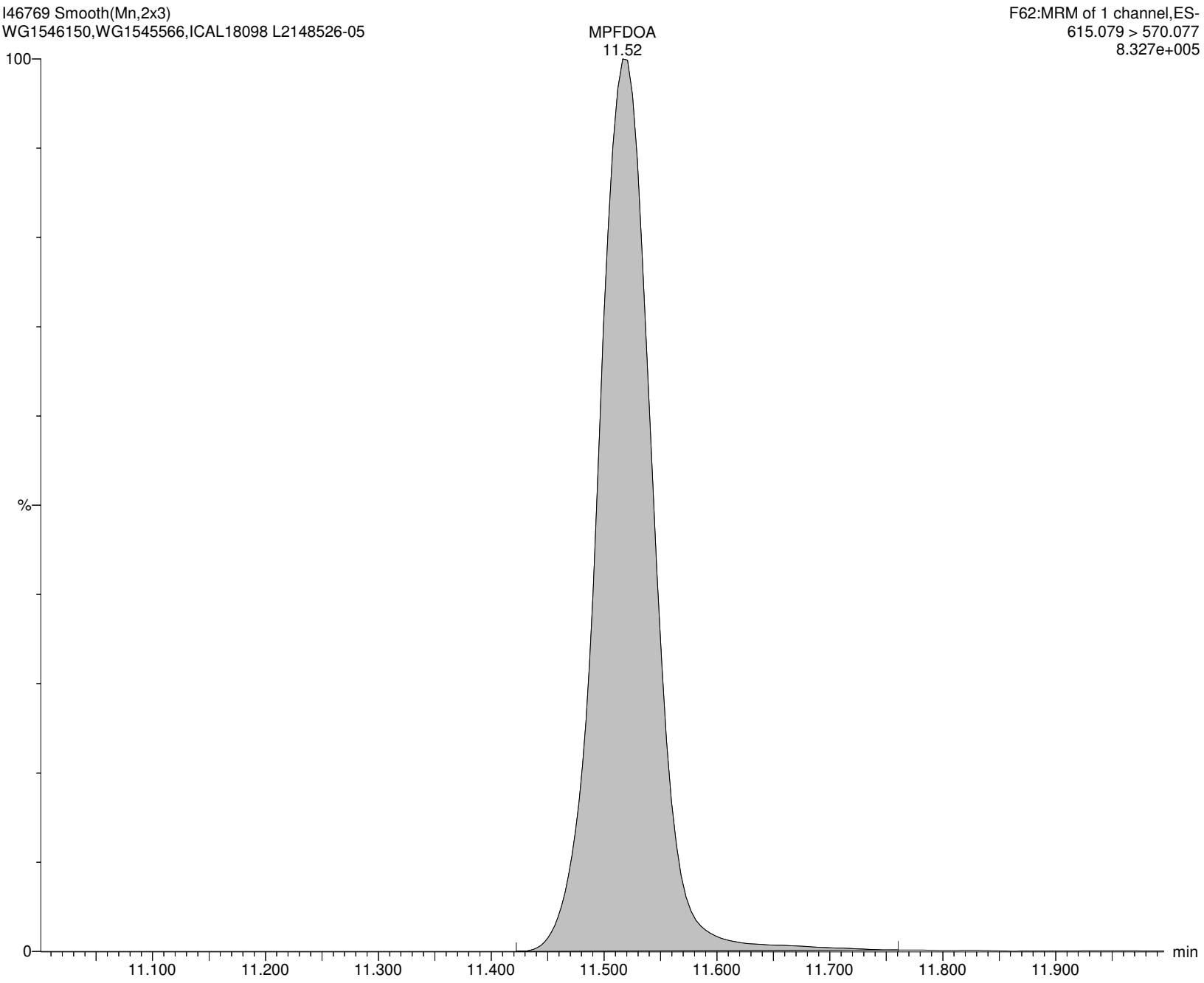


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:06 Eastern Daylight Time

Name: I46769
ID: L2148526-05
Date: 15-Sep-2021
Time: 06:32:02
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFDOA

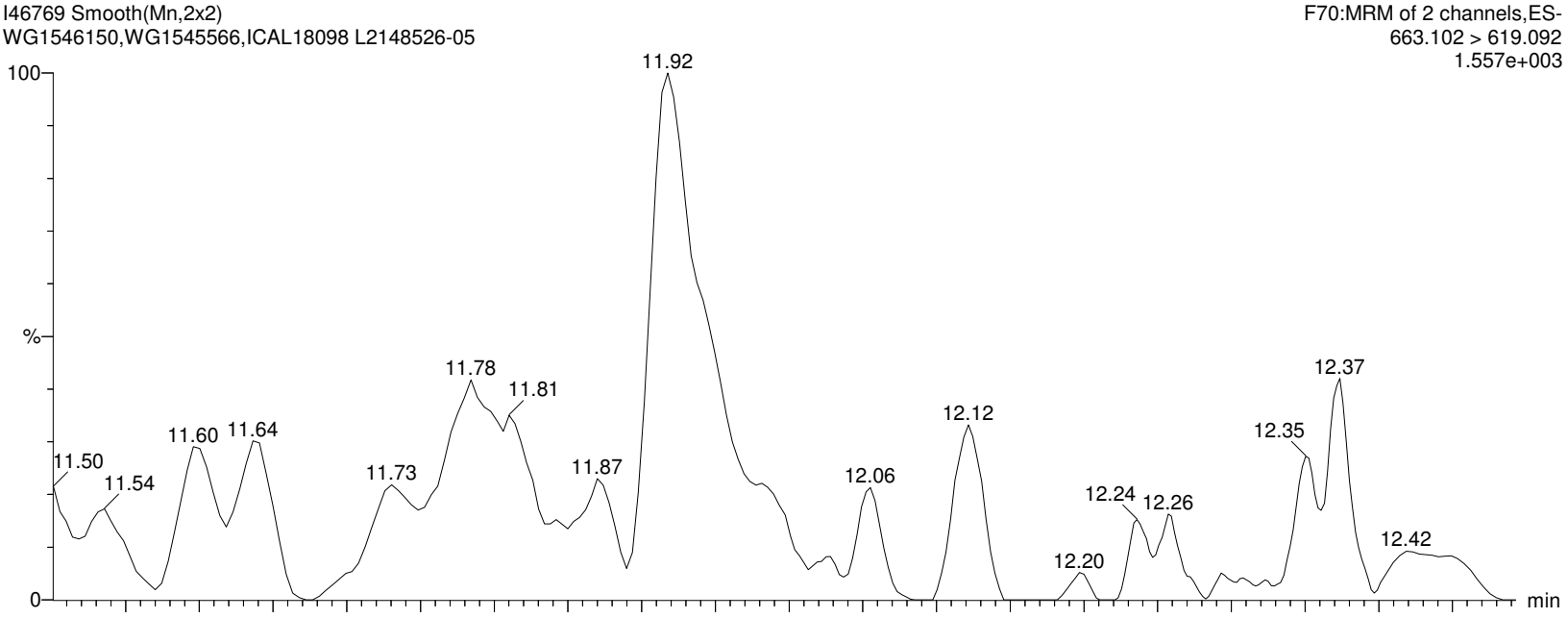


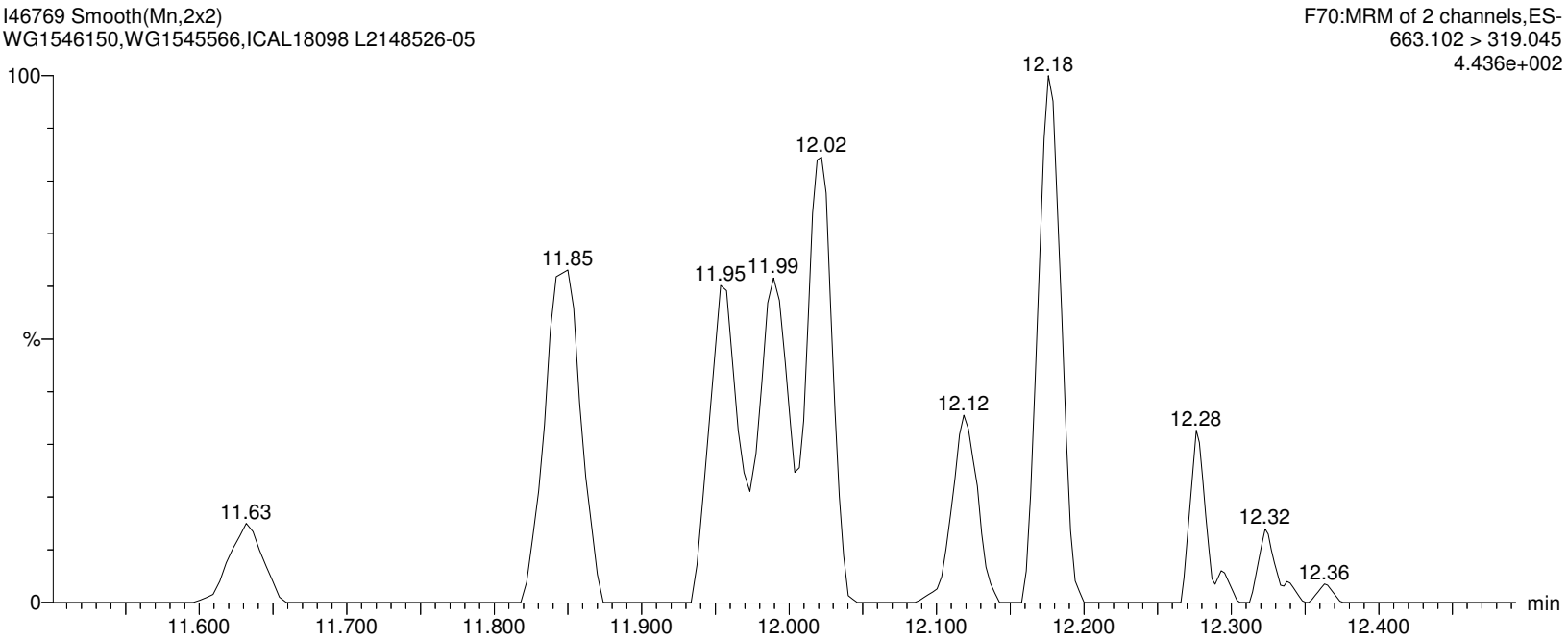
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:06 Eastern Daylight Time

Name: I46769
ID: L2148526-05
Date: 15-Sep-2021
Time: 06:32:02
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTrDA



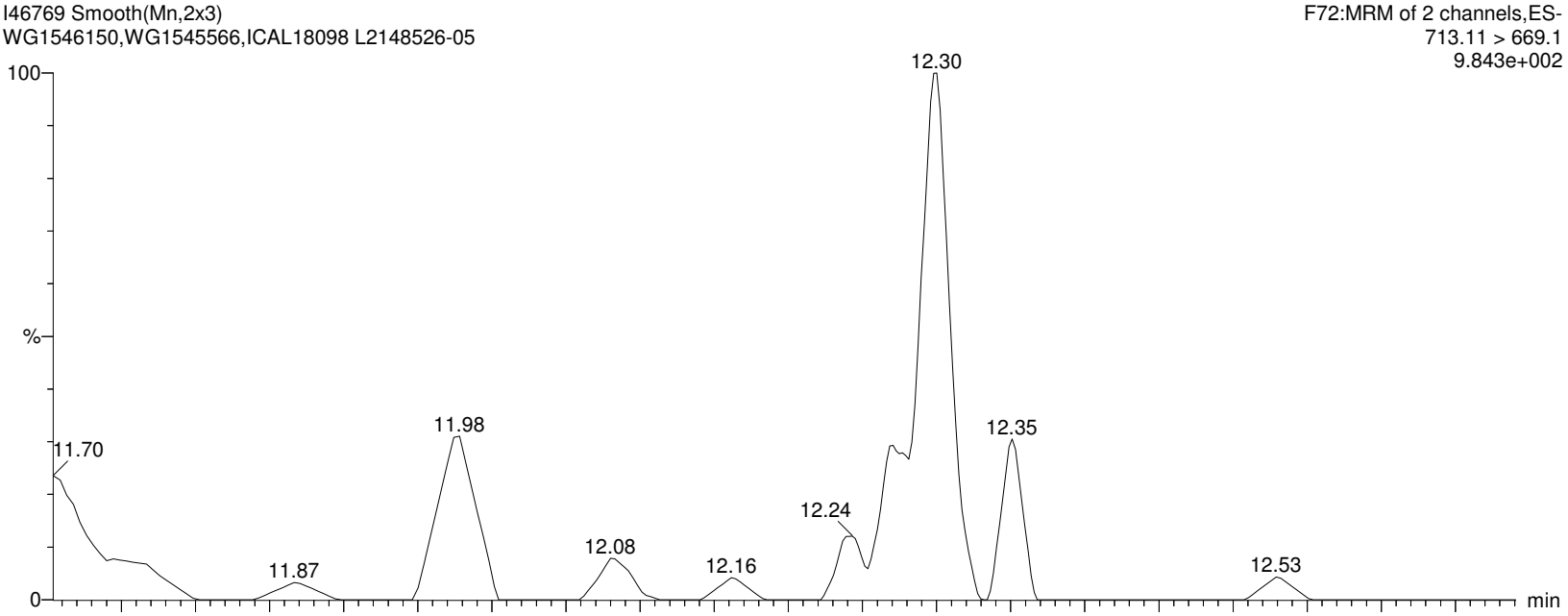


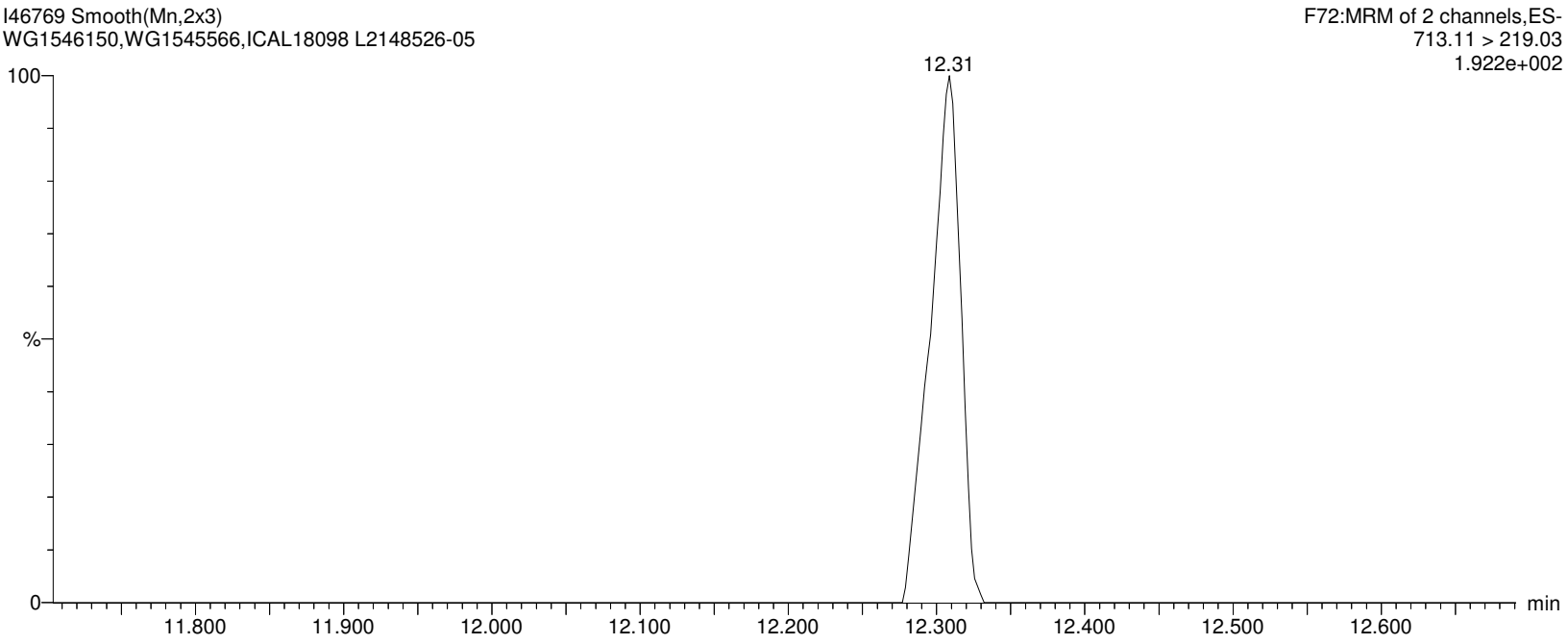
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:06 Eastern Daylight Time

Name: I46769
ID: L2148526-05
Date: 15-Sep-2021
Time: 06:32:02
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTA



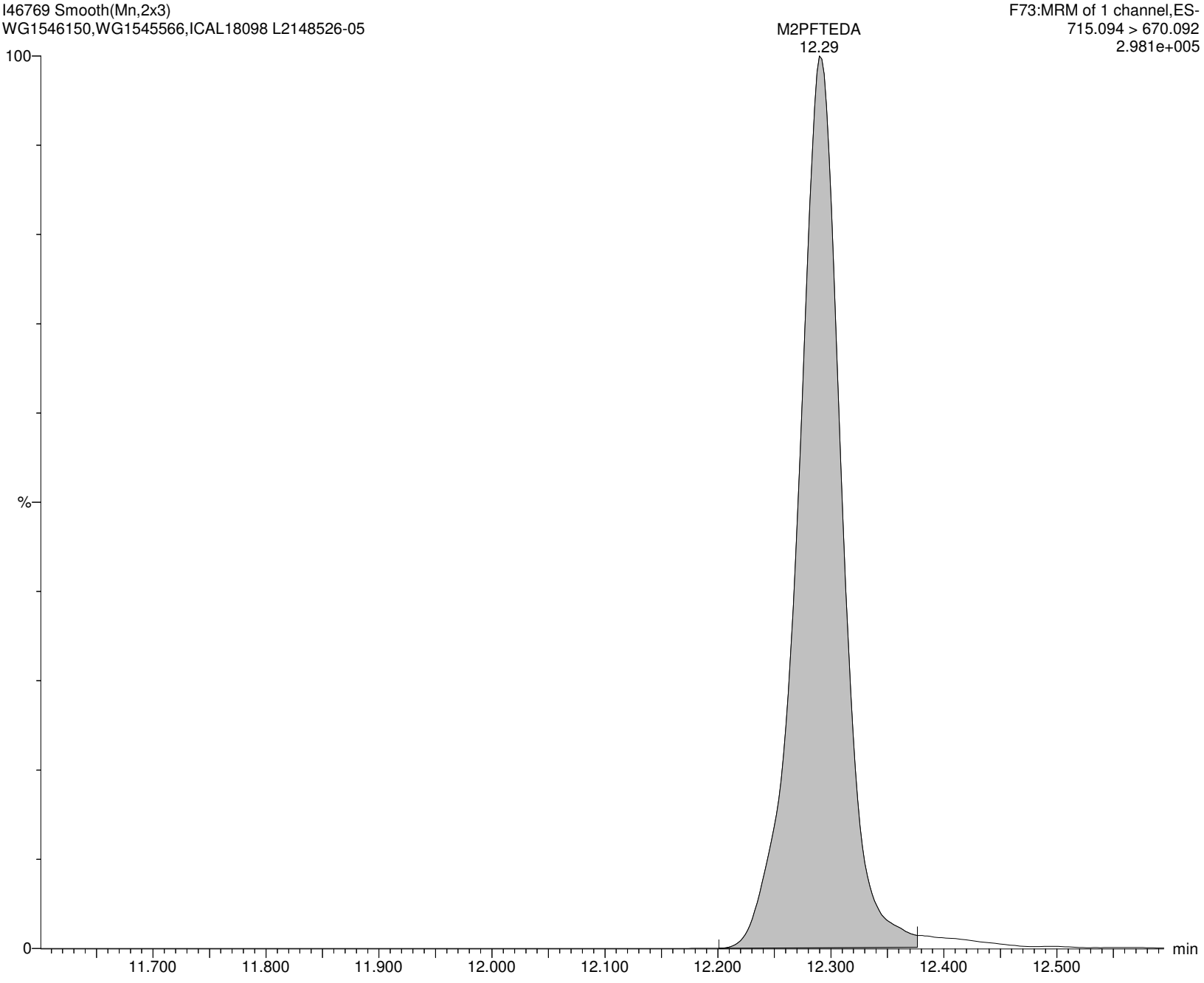


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:06 Eastern Daylight Time

Name: I46769
ID: L2148526-05
Date: 15-Sep-2021
Time: 06:32:02
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFTEDA



all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:08 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210914_537ISO.PRO\MethDB\537ISO_Q_210625_TOP_RT2.mdb 03 Sep 2021 08:44:20
Calibration: C:\MassLynx\Data\2021\210914_537ISO.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

ID: L2148526-06
Name: I46770
Date: 15-Sep-2021
Time: 06:48:36
Description: WG1546150,WG1545566,ICAL18098
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:SG
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.10	213.032 > 169.022	582		0.168		na	
2	M3PFBA	INT STD	2.10	216.009 > 171.999	47502		9.048		na	90.5
3	MPFBA	INT STD	2.10	217.001 > 171.999	38913		7.619		na	76.2
4	PFPeA	2706-90-3	4.99	263.039 > 219.03	279		0.069		na	
5	M5PFPEA	INT STD	4.99	268.001 > 222.999	42956		7.664		na	76.6
6	PFBS	375-73-5	5.64	299.092 > 80.062	81	M2,M7	0.065	1.46	NO	
7	M3PFBS	INT STD	5.64	302.069 > 80.062	11389		9.535		na	95.4
8	4:2FTS	757124-72-4		327.146 > 307.139			ND		YES	
9	M2-4:2FTS	INT STD	6.81	329.13 > 309.124	5834		12.190		na	121.9
10	PFHxA	307-24-4		313.047 > 269.037			ND		YES	
11	M5PFHxA	INT STD	6.89	318.009 > 273.007	43318		7.773		na	77.7
12	PFPeS	2706-91-4		349.1 > 80.062			ND		YES	
13	PFHpA	375-85-9	8.15	363.055 > 319.045	310	M7	0.047	4.32	NO	
14	M4PFHpA	INT STD	8.16	367.025 > 322.022	64605		7.775		na	77.8
15	br-PFHxS	355-46-4		399.107 > 80.062			ND		YES	
16	L-PFHxS	355-46-4	8.31	399.107 > 80.062	121		0.080	1.79	NO	
17	PFHxS	355-46-4		399.107 > 80.062	121		0.080		na	
18	M3PFHxS	INT STD	8.32	402.084 > 80.062	13878		10.246		na	102.5
19	br-PFOA	335-67-1	8.88	413.063 > 369.053	339	M5,M7	0.051	2.46	NO	
20	L-PFOA	335-67-1	9.10	413.063 > 369.053	1608		0.241	8.78	NO	
21	PFOA	335-67-1		413.063 > 369.053	1946		0.291		na	
22	M8PFOA	INT STD	9.10	421.002 > 376.	69344		7.494		na	74.9
23	M2PFOA	INT STD	9.10	415.048 > 370.045	91146		8.606		na	86.1
24	6:2FTS	27619-97-2		427.161 > 407.155			ND		YES	
25	M2-6:2FTS	INT STD	9.06	429.146 > 409.14	5103		10.386		na	103.9
26	PFHpS	375-92-8		449.115 > 80.062			ND		YES	
27	PFNA	375-95-1		463.071 > 419.061			ND		YES	
28	M9PFNA	INT STD	9.86	472.002 > 427.	19805		7.451		na	74.5
29	br-PFOS	1763-23-1	9.66	499.123 > 80.062	348	M5,M7	0.257	2.62	NO	
30	L-PFOS	1763-23-1	9.90	499.123 > 80.062	151		0.138	1.62	NO	
31	PFOS	1763-23-1		499.123 > 80.062	500		0.395		na	
32	M4PFOS	INT STD	9.91	503.093 > 80.062	10825		9.564		na	95.6
33	M8PFOS	INT STD	9.91	507.062 > 80.062	12480		10.289		na	102.9
34	PFDA	335-76-2		513.078 > 469.069			ND		YES	
35	M2PFDA	INT STD	10.48	515.053 > 469.934	51573		8.454		na	84.5
36	M6PFDA	INT STD	10.48	519.033 > 474.03	48879		8.350		na	83.5
37	8:2FTS	39108-34-4		527.177 > 507.171			ND		YES	
38	M2-8:2FTS	INT STD	10.48	529.162 > 509.155	3358		9.297		na	93.0
39	PFNS	68259-12-1		549.131 > 80.062			ND		YES	

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:08 Eastern Daylight Time

ID: L2148526-06
Name: I46770
Date: 15-Sep-2021
Time: 06:48:36
Description: WG1546150,WG1545566,ICAL18098
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:SG
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.87	573.22 > 419.061	3210		5.817		na	58.2
41	br-NMeFOSAA			570.202 > 419.061			ND		YES	
42	L-NMeFOSAA			570.202 > 419.061			ND		YES	
43	NMeFOSAA	2355-31-9		570.202 > 419.061	0		ND		na	
44	PFUnA	2058-94-8		563.086 > 519.076			ND		YES	
45	M7-PFUDA	INT STD	11.03	570.033 > 525.031	47826		8.761		na	87.6
46	PFDS	335-77-3		599.139 > 80.062			ND		YES	
47	FOSA	754-91-6		498.146 > 78.07			ND		YES	
48	M8FOSA	INT STD	10.96	506.077 > 78.07	7090		2.237		na	22.4
49	br-NEtFOSAA			584.229 > 419.061			ND		YES	
50	L-NEtFOSAA			584.229 > 419.061			ND		YES	
51	NEtFOSAA	2991-50-6		584.229 > 419.061	0		ND		na	
52	d5-NEtFOSAA	INT STD	11.17	589.259 > 419.061	3032		6.650		na	66.5
53	PFDoA	307-55-1		613.094 > 569.084			ND		YES	
54	MPFDOA	INT STD	11.51	615.079 > 570.077	46844		8.894		na	88.9
55	PFTrDA	72629-94-8		663.102 > 619.092			ND		YES	
56	PFTA	376-06-7		713.11 > 669.1			ND		YES	
57	M2PFTEDA	INT STD	12.29	715.094 > 670.092	13144		7.957		na	79.6

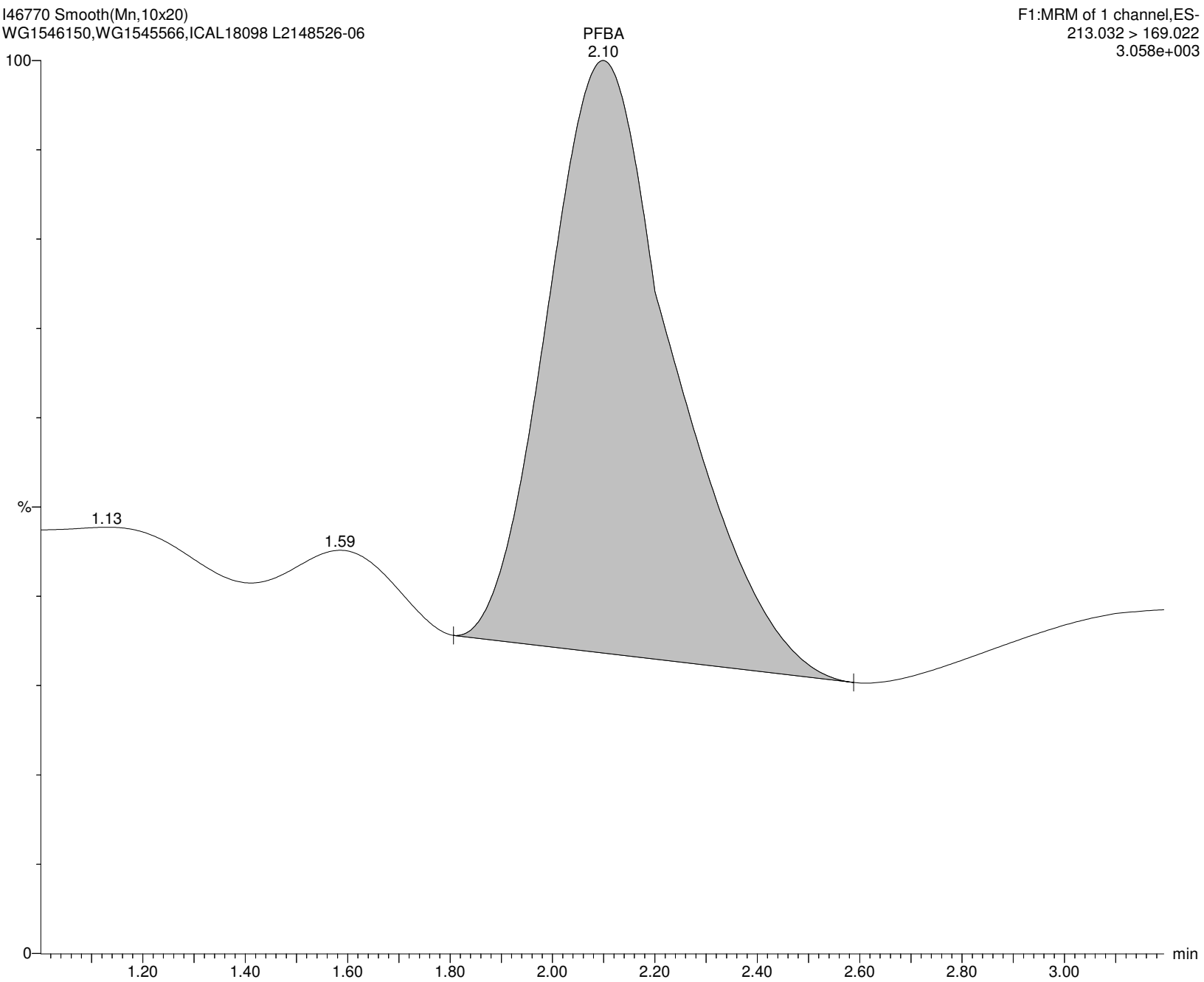
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:08 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210914_537ISO.PRO\MethDB\537ISO_Q_210625_TOP_RT2.mdb 03 Sep 2021 08:44:20
Calibration: C:\MassLynx\Data\2021\210914_537ISO.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

Name: I46770
ID: L2148526-06
Date: 15-Sep-2021
Time: 06:48:36
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBA

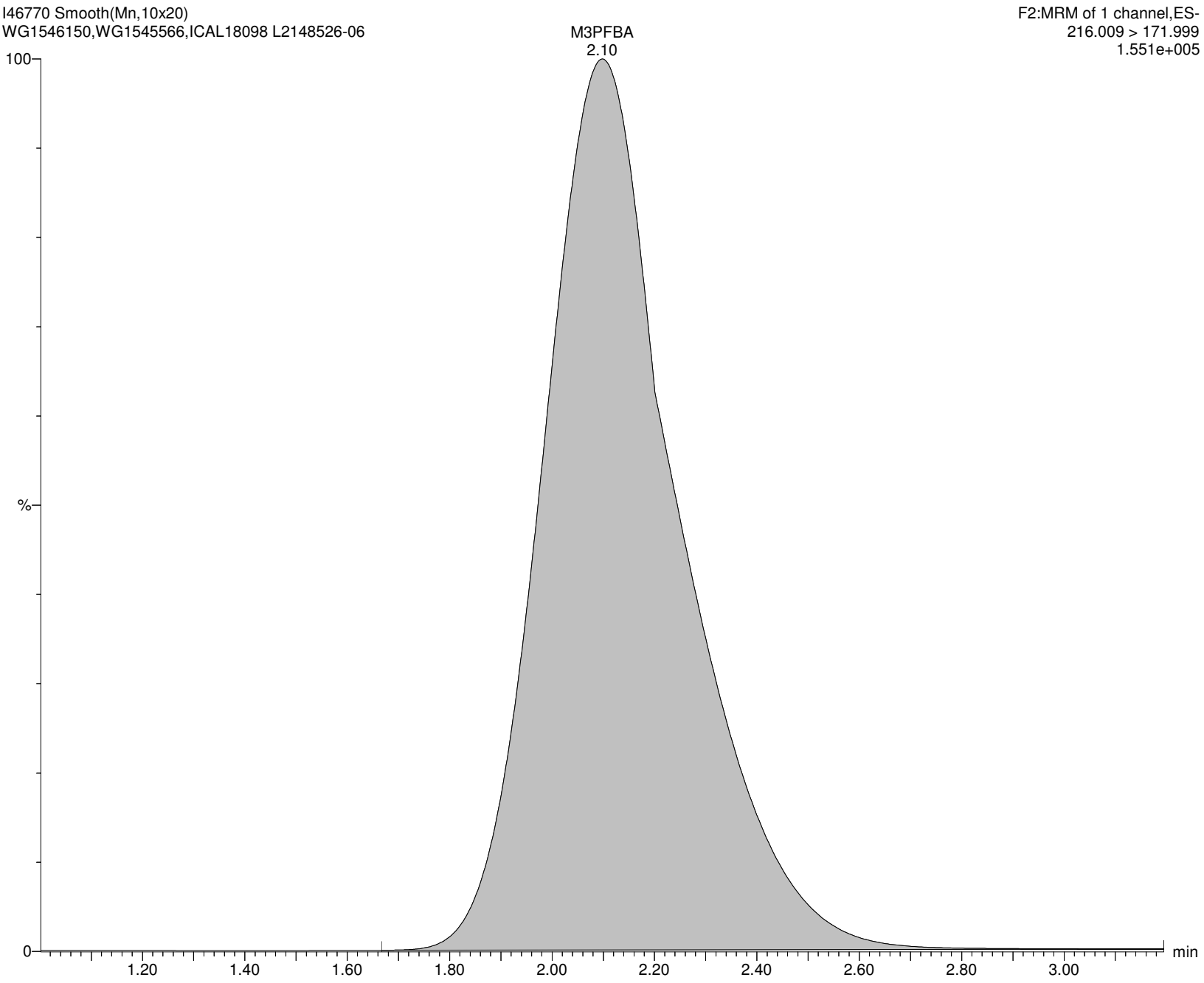


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:08 Eastern Daylight Time

Name: I46770
ID: L2148526-06
Date: 15-Sep-2021
Time: 06:48:36
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBA

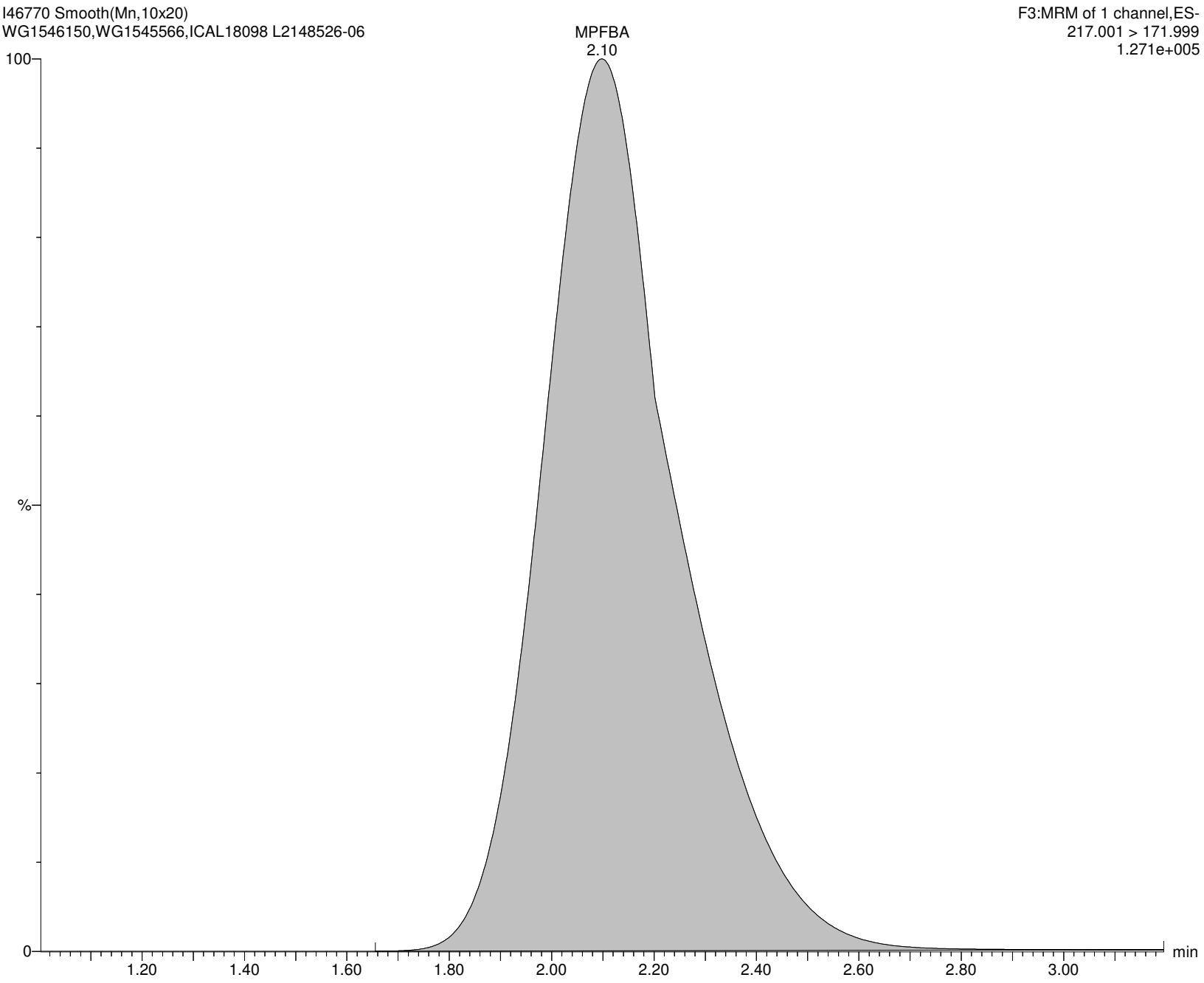


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:08 Eastern Daylight Time

Name: I46770
ID: L2148526-06
Date: 15-Sep-2021
Time: 06:48:36
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFBA

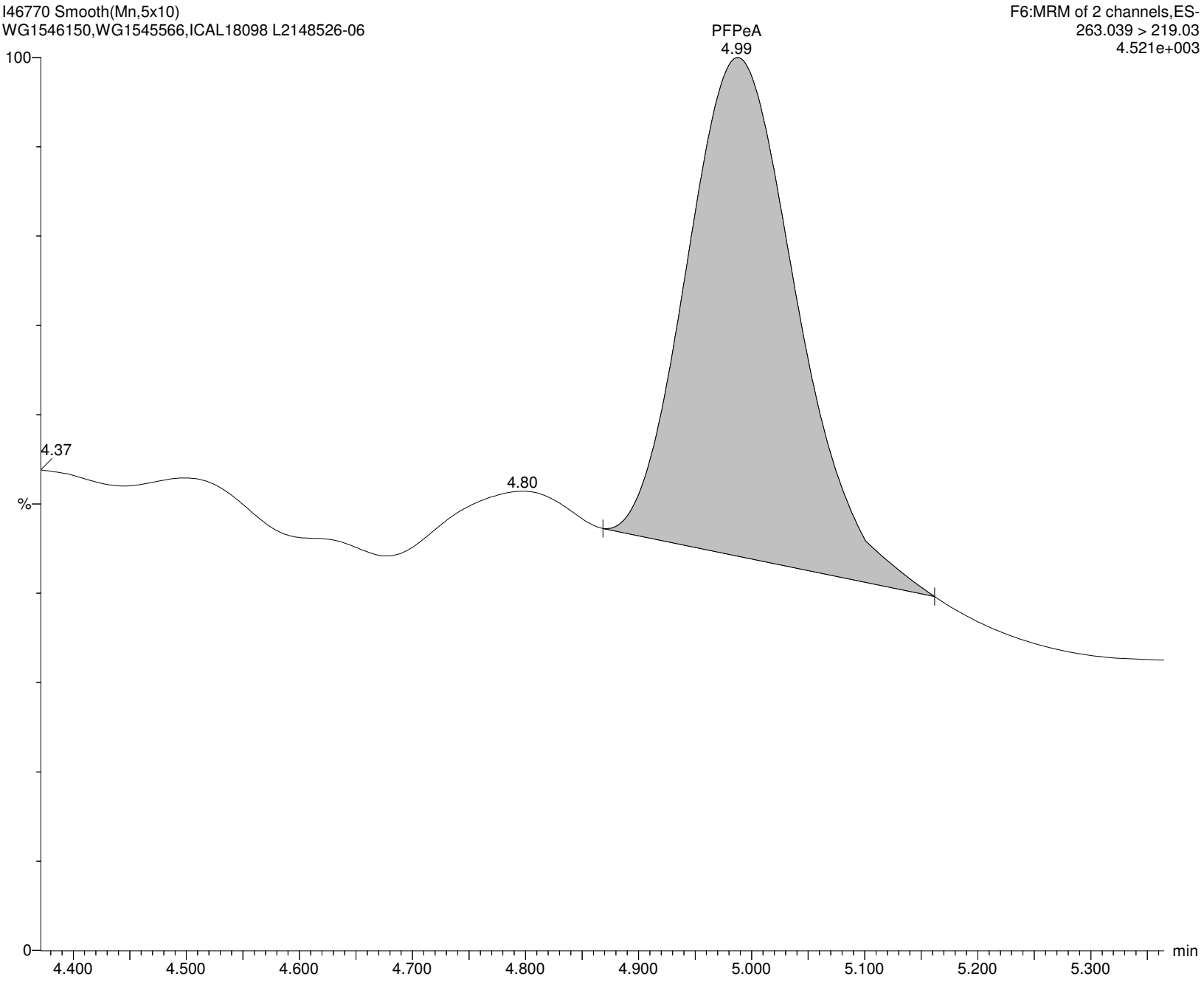


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:08 Eastern Daylight Time

Name: I46770
ID: L2148526-06
Date: 15-Sep-2021
Time: 06:48:36
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeA

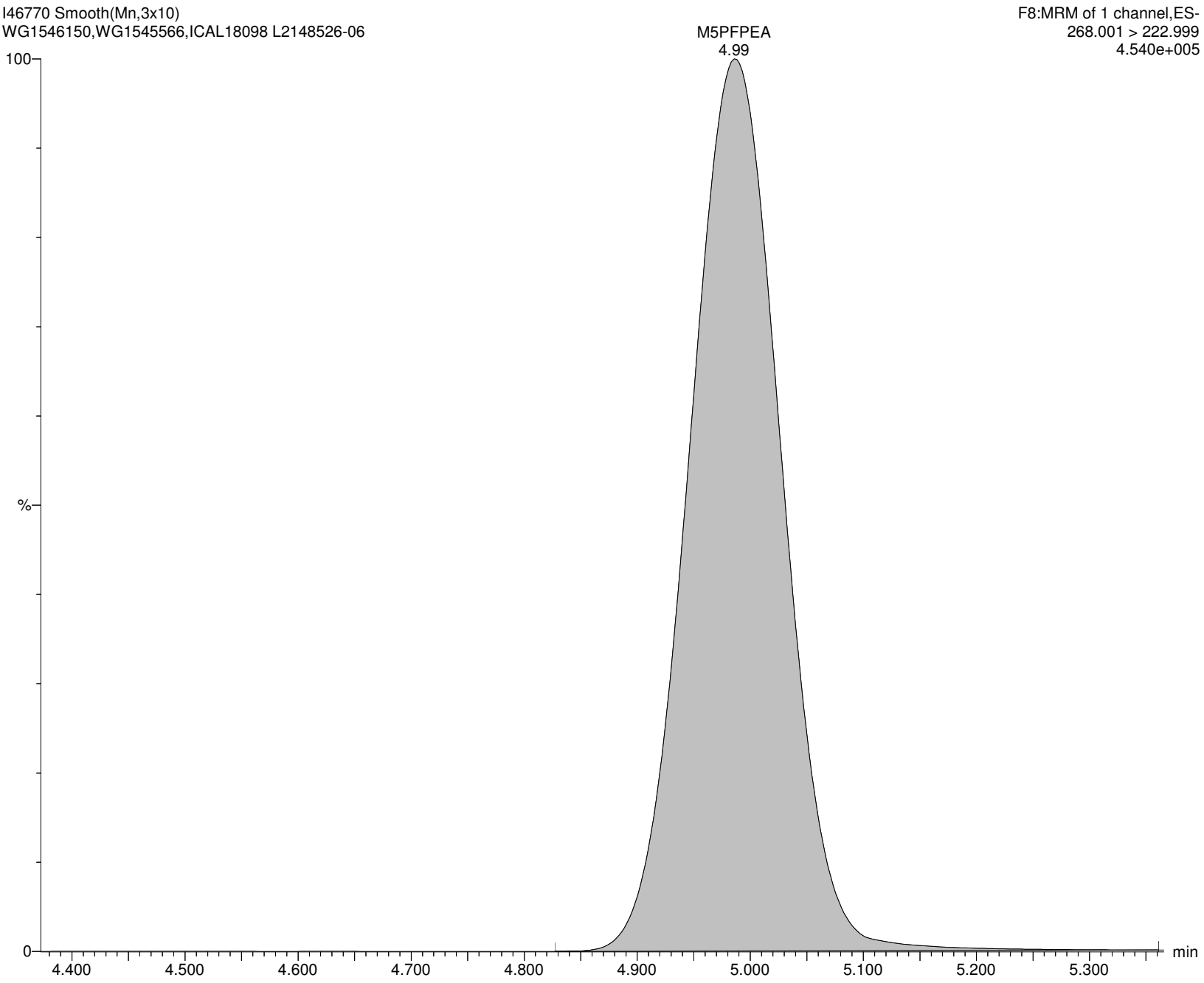


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:08 Eastern Daylight Time

Name: I46770
ID: L2148526-06
Date: 15-Sep-2021
Time: 06:48:36
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFPEA

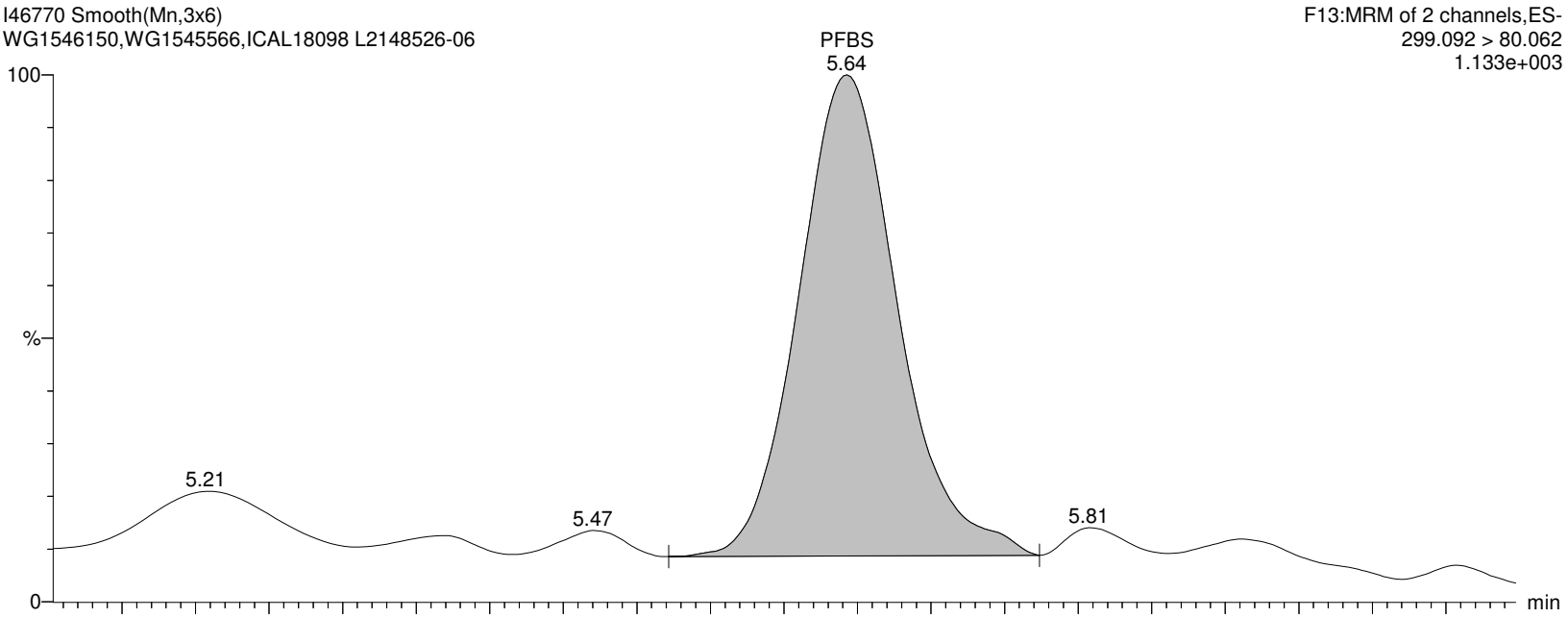


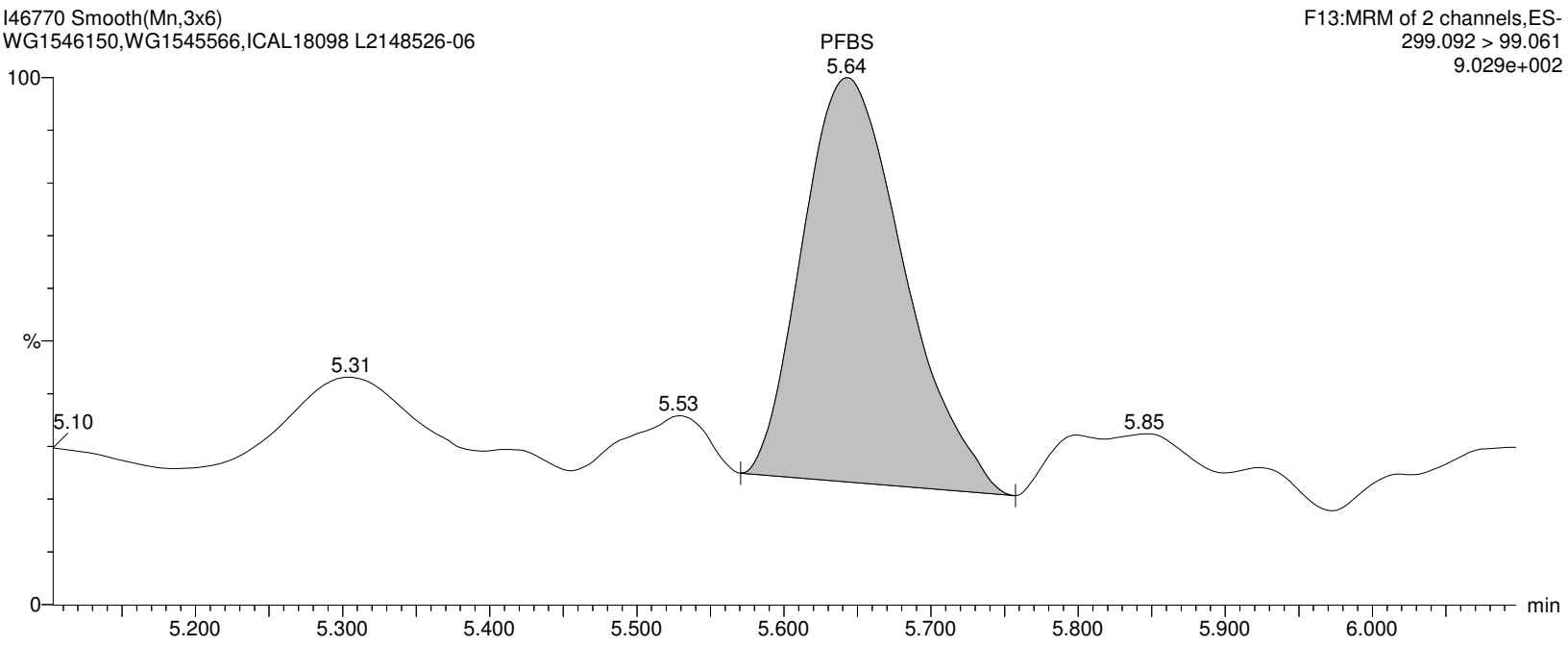
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:08 Eastern Daylight Time

Name: I46770
ID: L2148526-06
Date: 15-Sep-2021
Time: 06:48:36
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBS



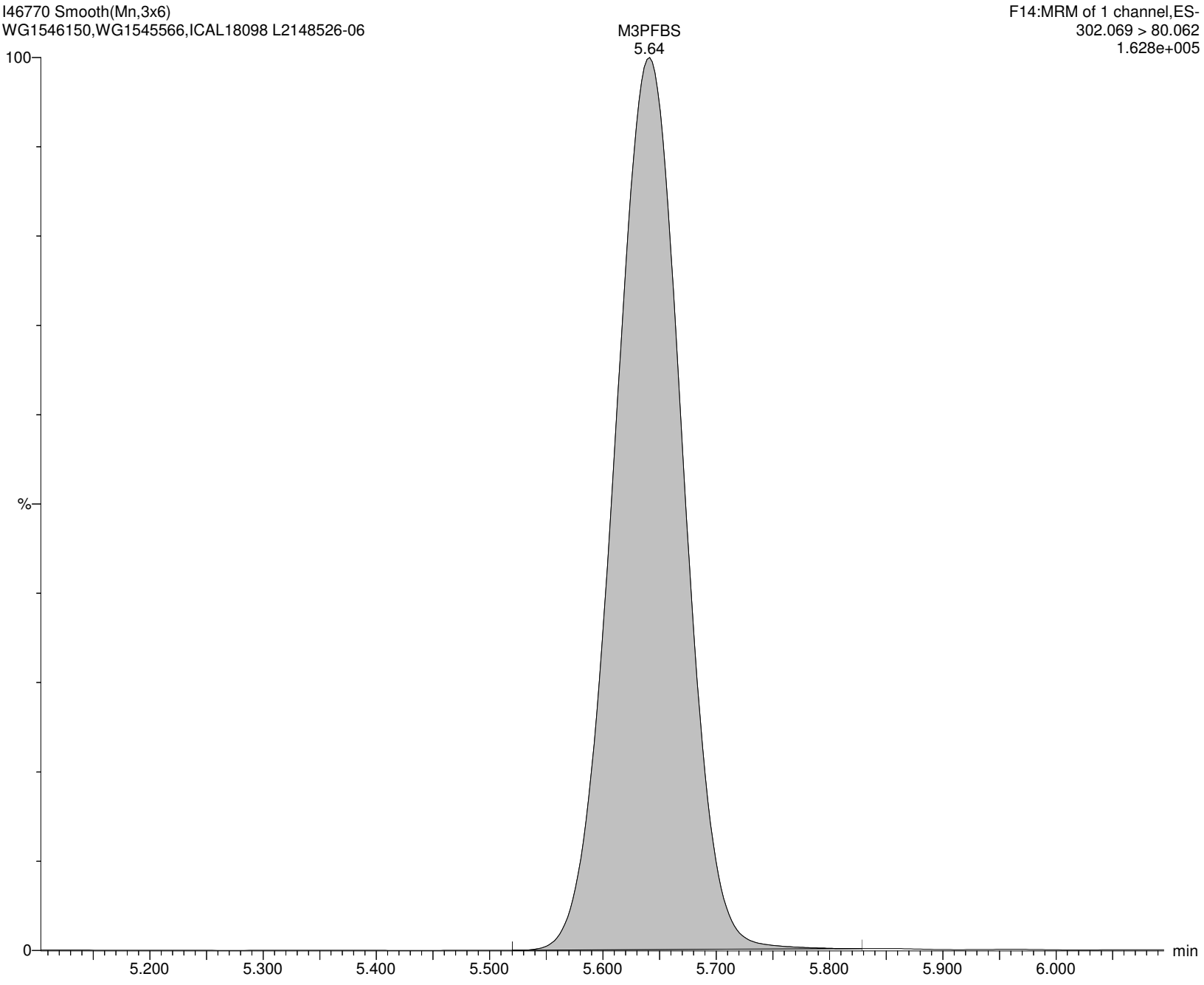


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:08 Eastern Daylight Time

Name: I46770
ID: L2148526-06
Date: 15-Sep-2021
Time: 06:48:36
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBS

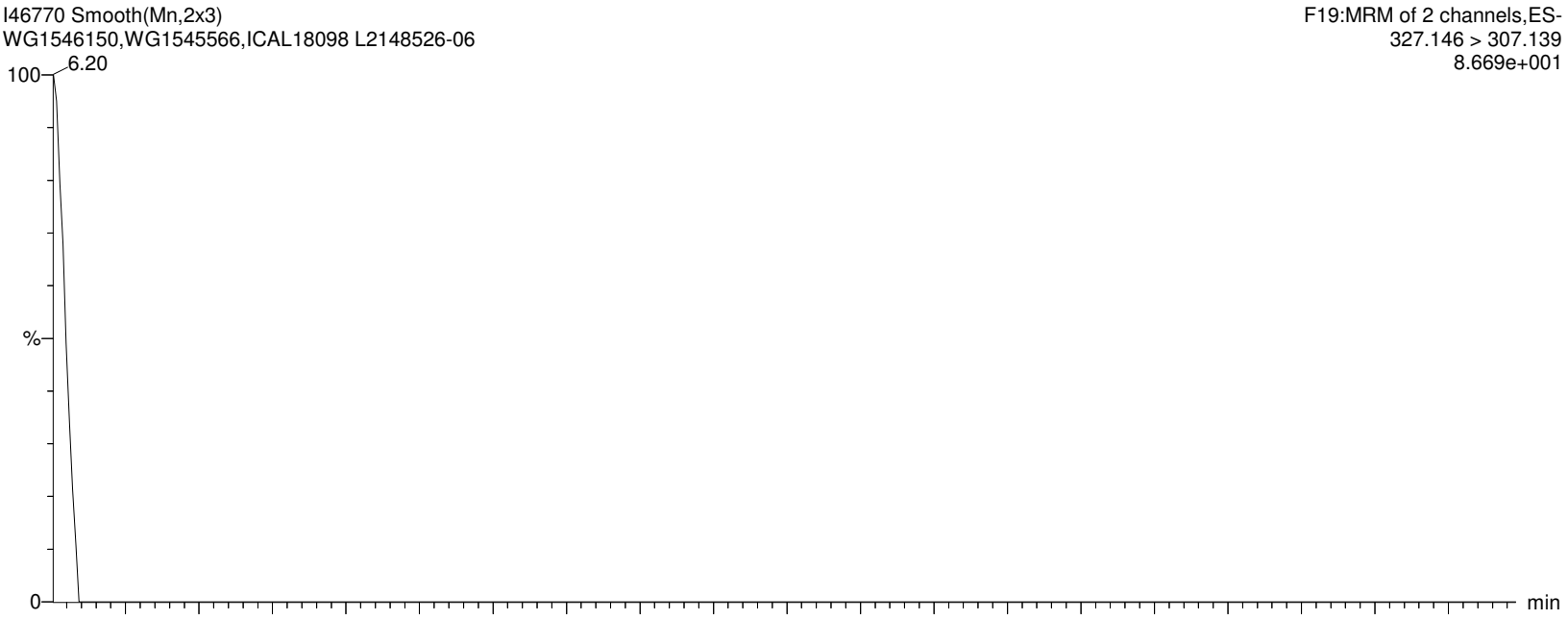


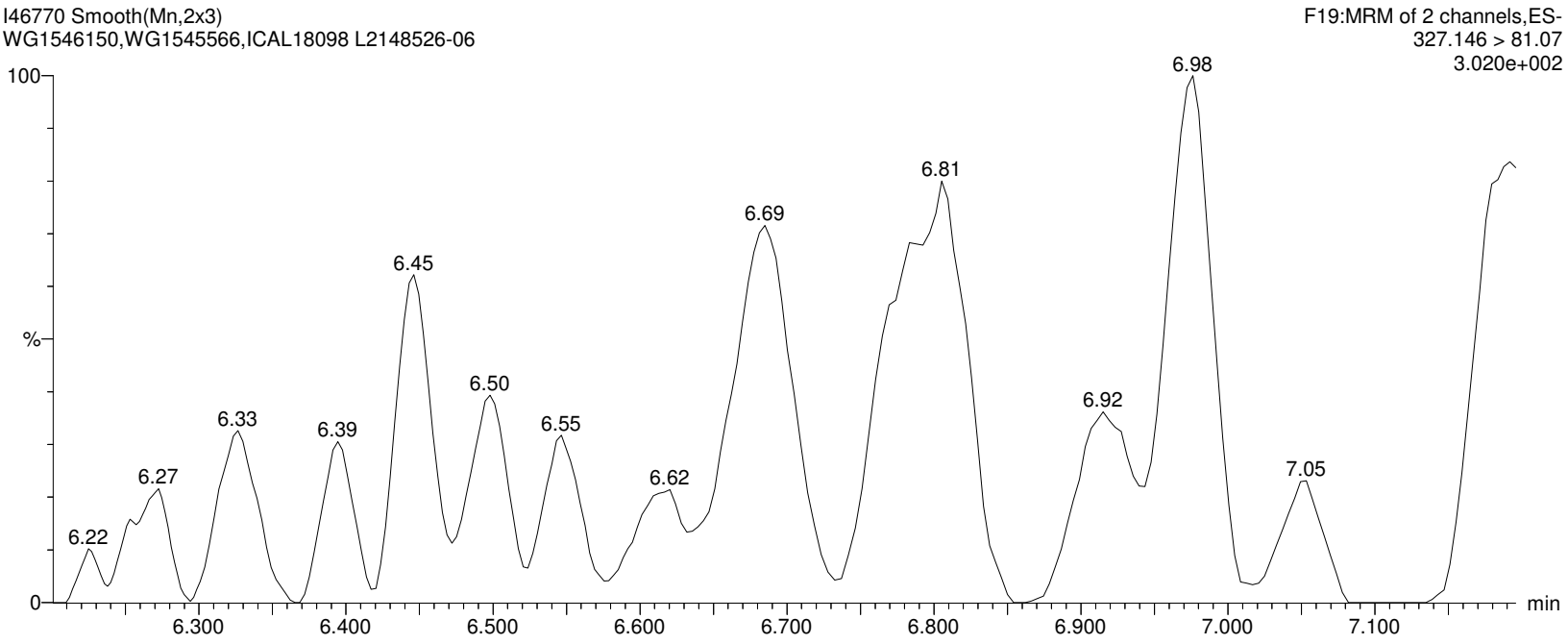
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:08 Eastern Daylight Time

Name: I46770
ID: L2148526-06
Date: 15-Sep-2021
Time: 06:48:36
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

4:2FTS



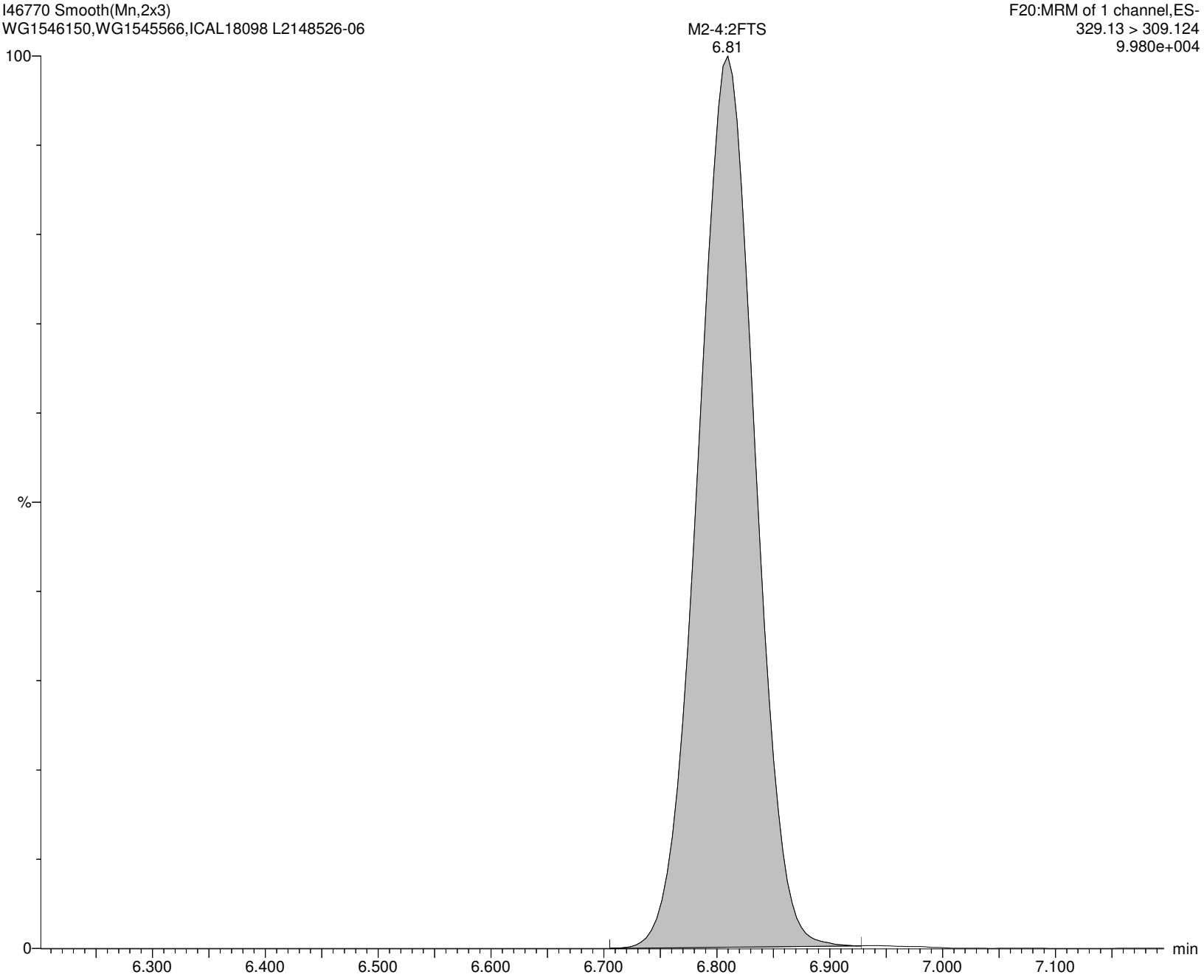


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:08 Eastern Daylight Time

Name: I46770
ID: L2148526-06
Date: 15-Sep-2021
Time: 06:48:36
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-4:2FTS

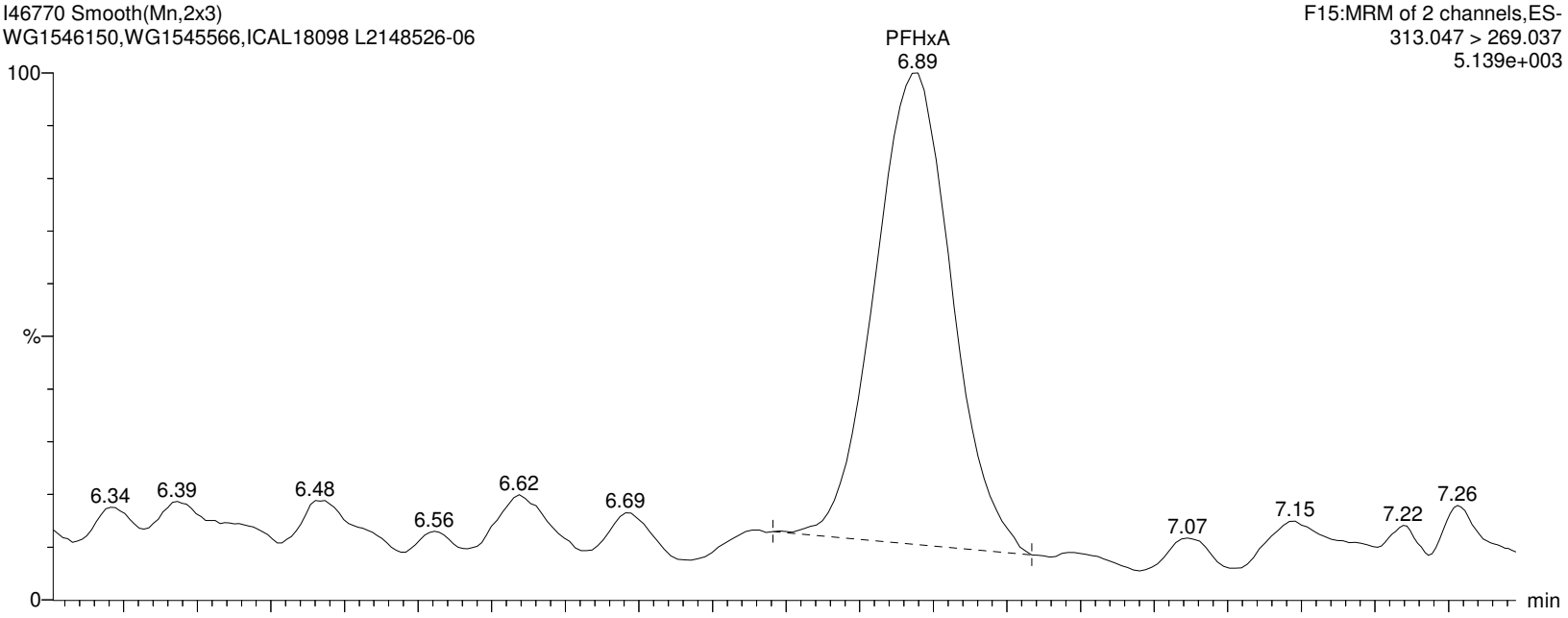


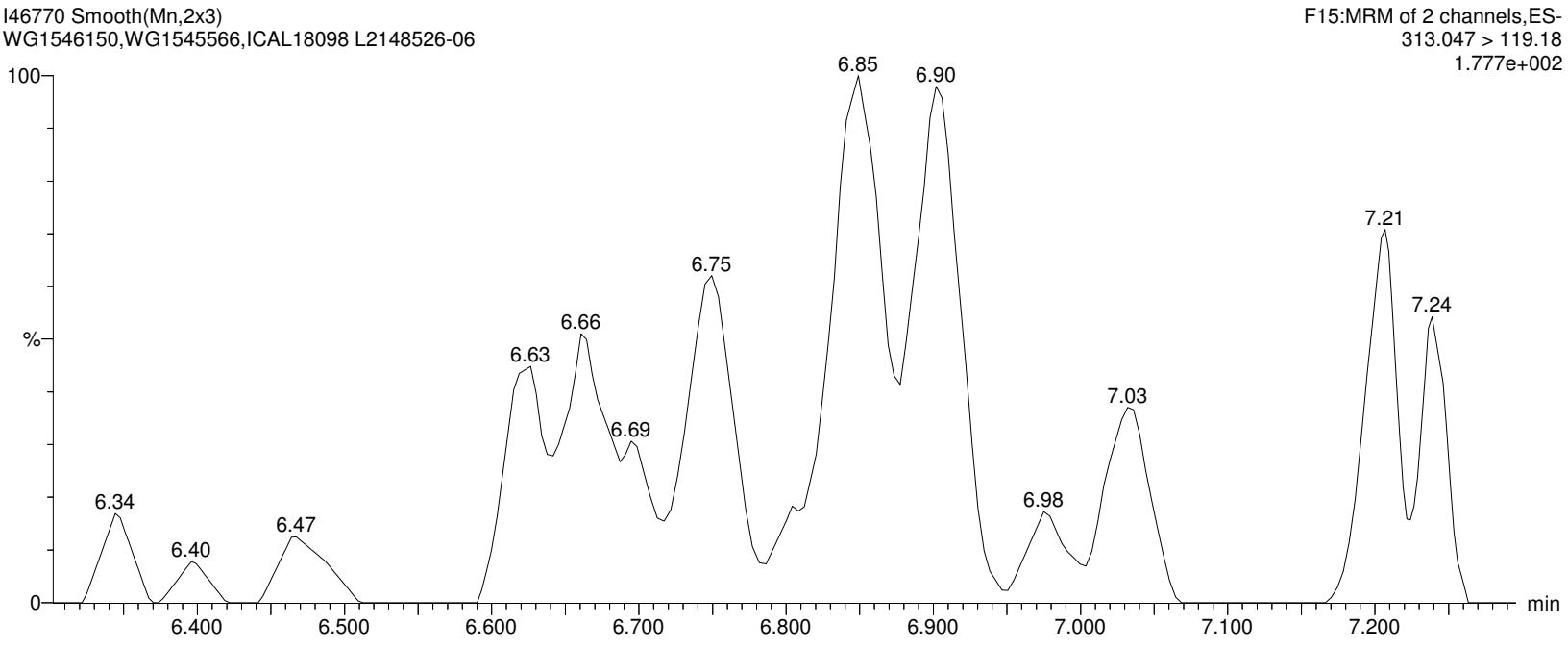
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:08 Eastern Daylight Time

Name: I46770
ID: L2148526-06
Date: 15-Sep-2021
Time: 06:48:36
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxA



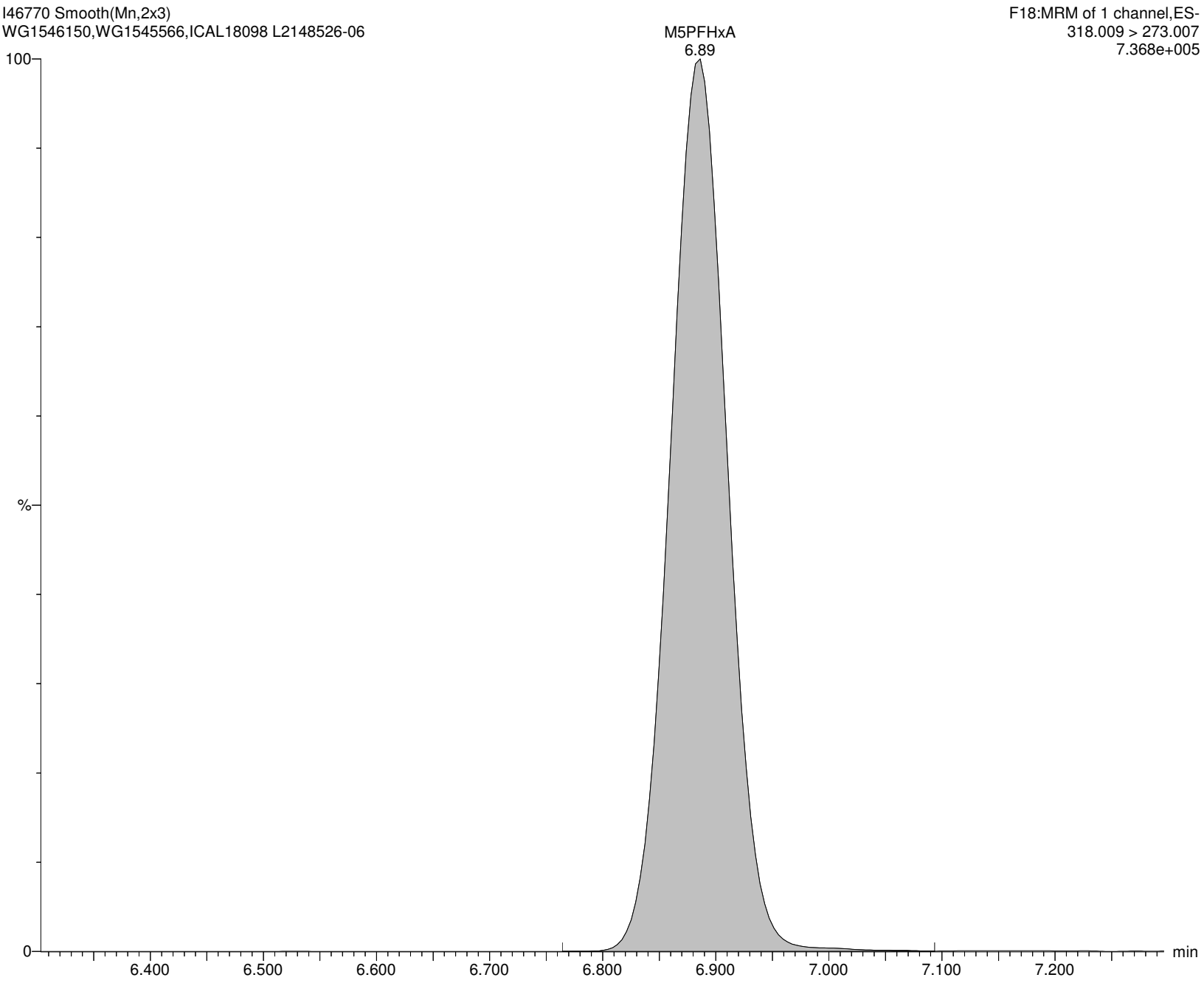


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:08 Eastern Daylight Time

Name: I46770
ID: L2148526-06
Date: 15-Sep-2021
Time: 06:48:36
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFHxA

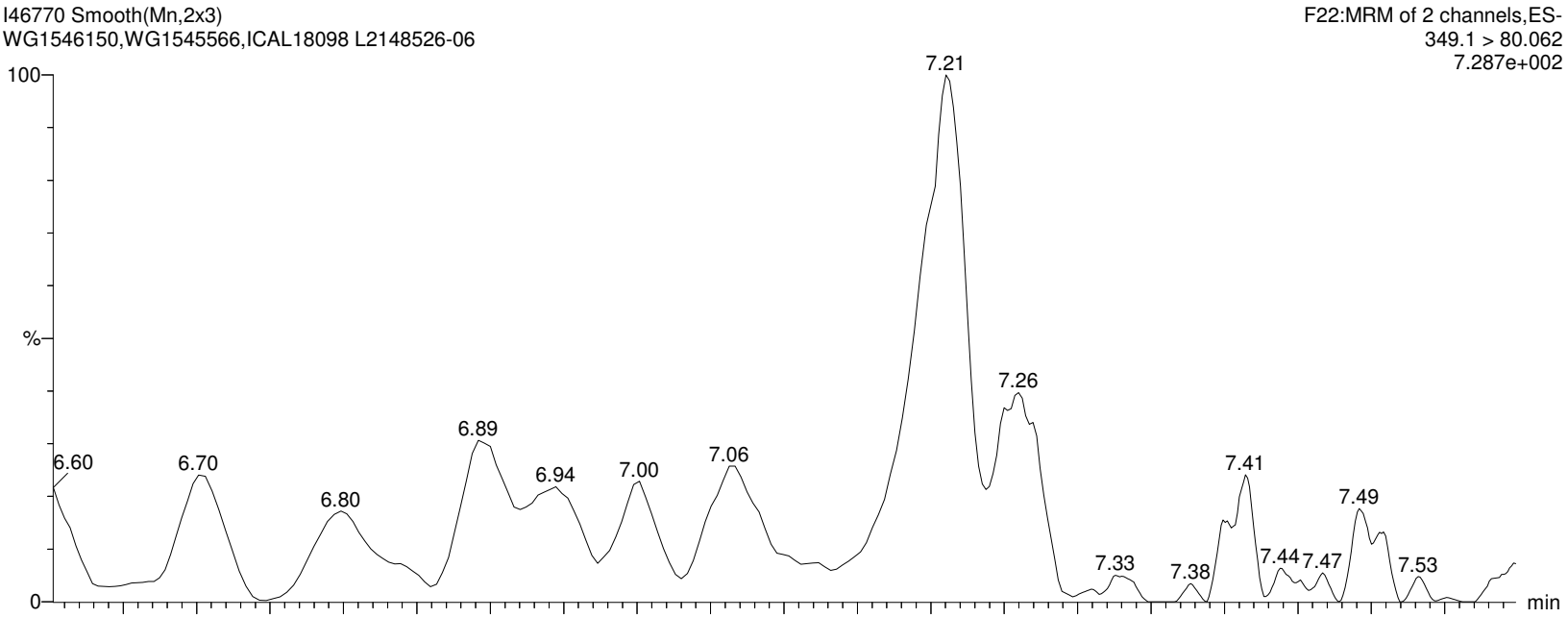


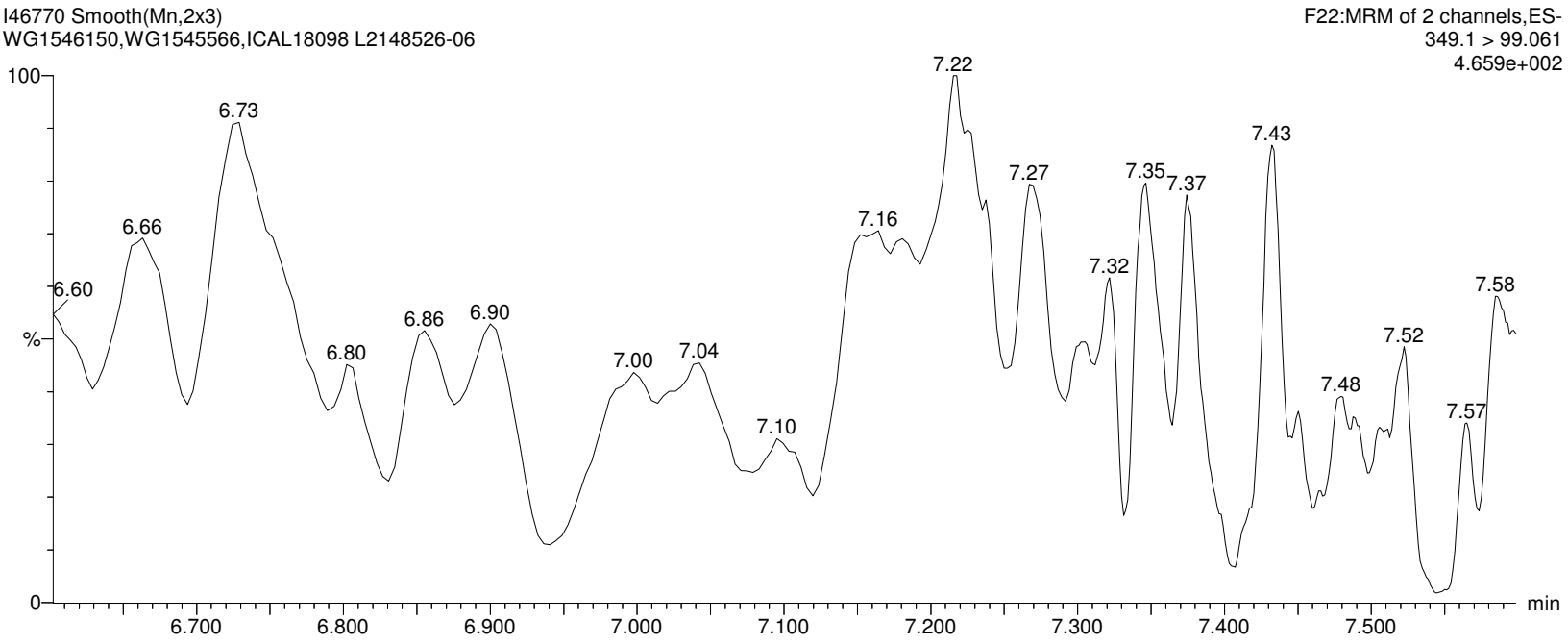
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:08 Eastern Daylight Time

Name: I46770
ID: L2148526-06
Date: 15-Sep-2021
Time: 06:48:36
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeS



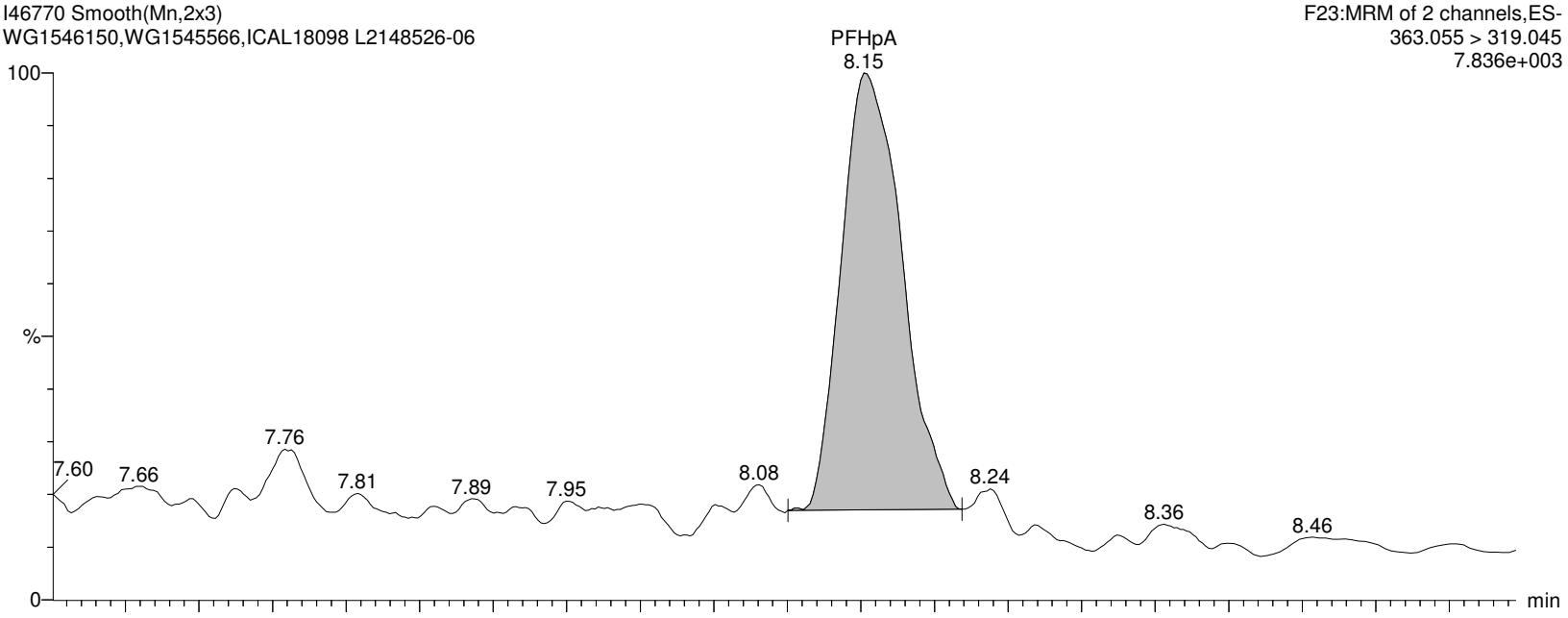


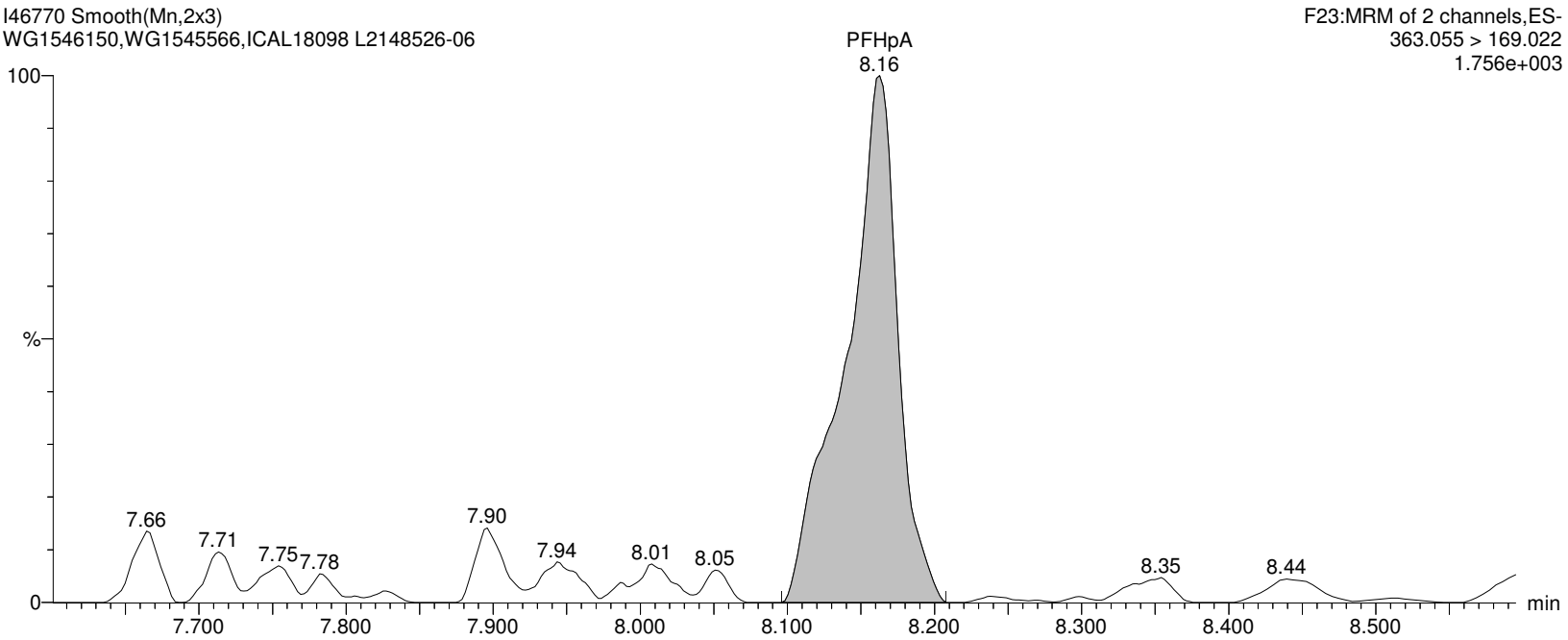
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:08 Eastern Daylight Time

Name: I46770
ID: L2148526-06
Date: 15-Sep-2021
Time: 06:48:36
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpA



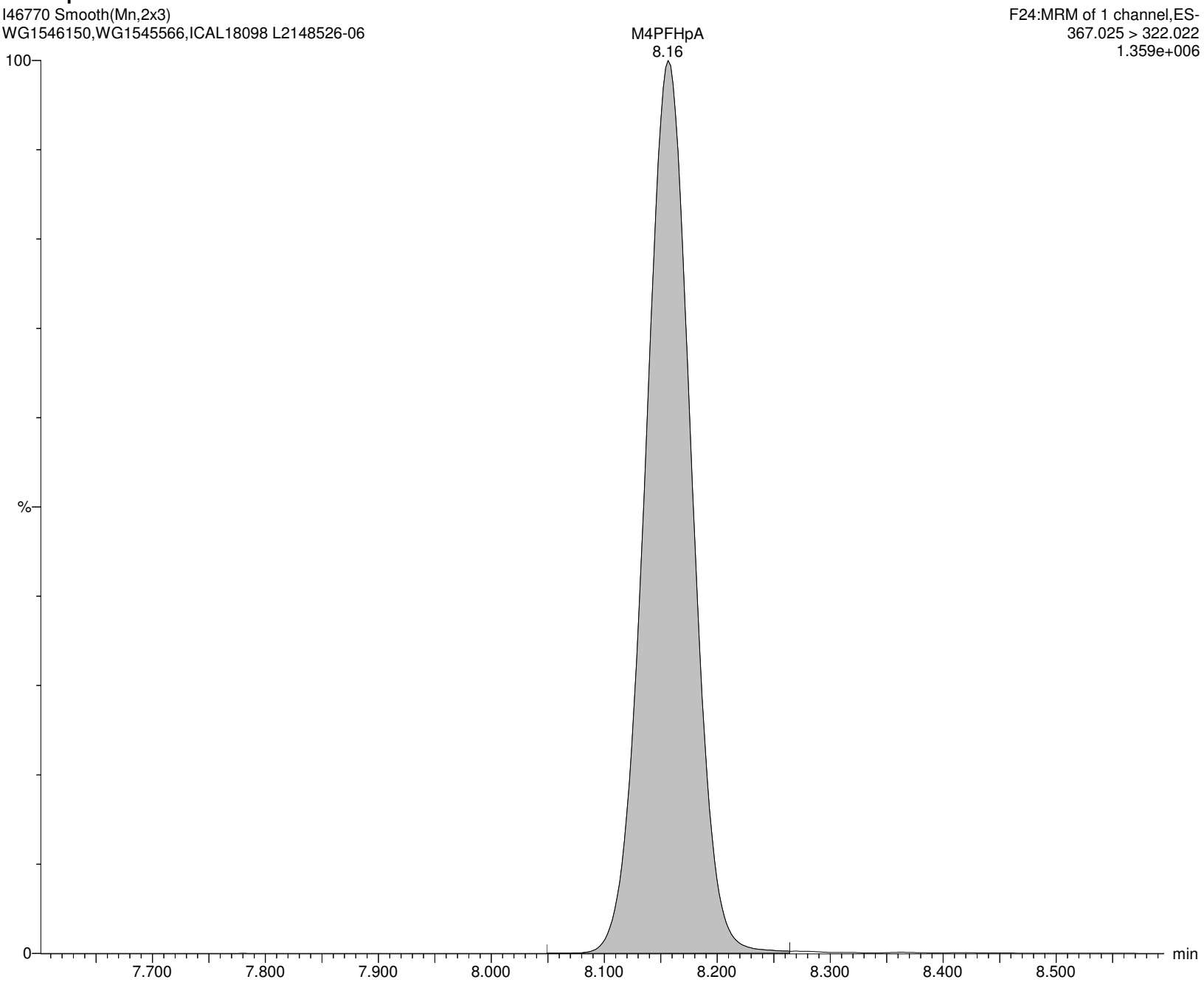


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:08 Eastern Daylight Time

Name: I46770
ID: L2148526-06
Date: 15-Sep-2021
Time: 06:48:36
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFHpA

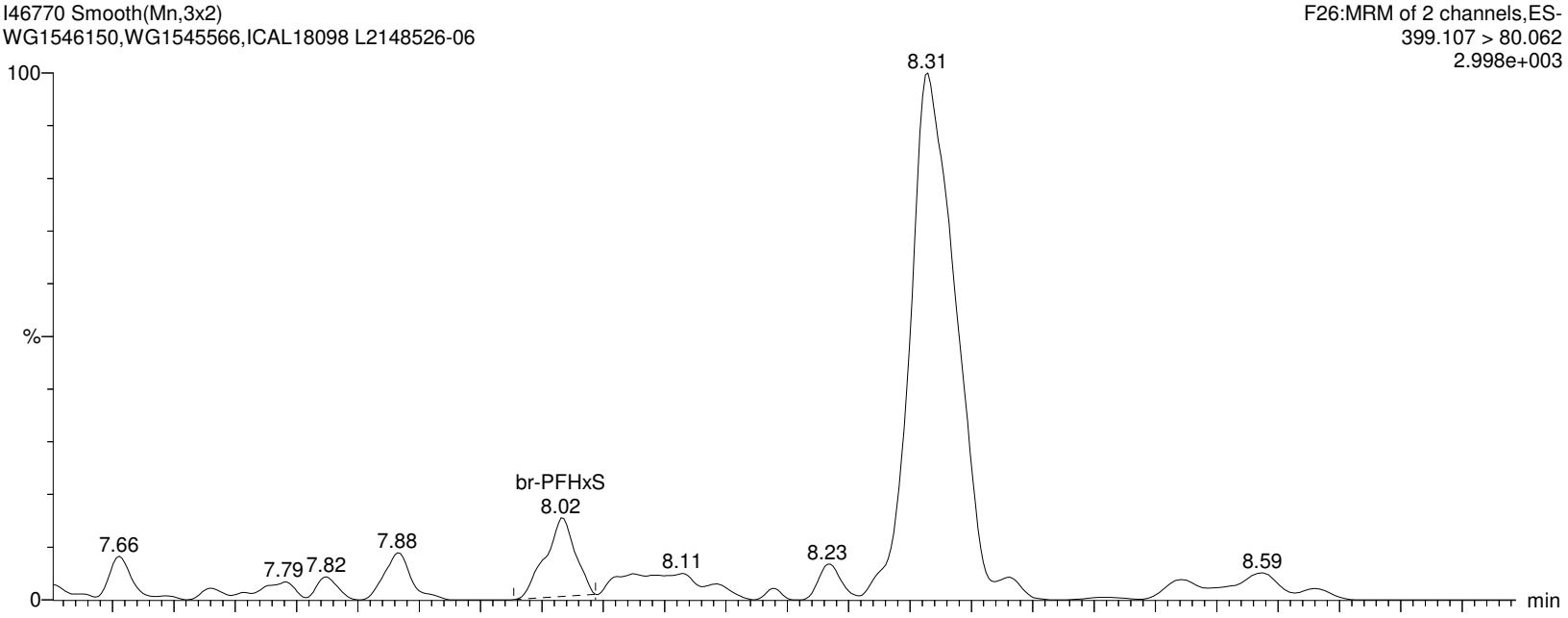


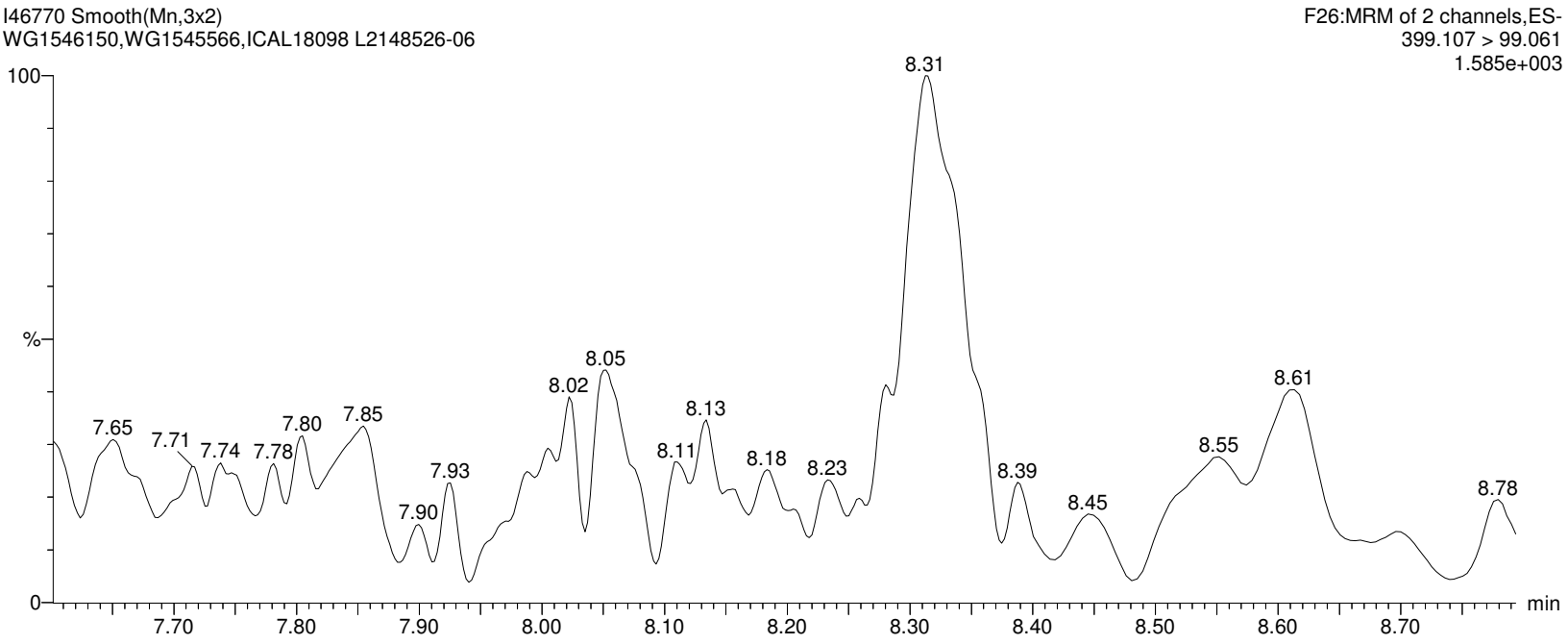
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:08 Eastern Daylight Time

Name: I46770
ID: L2148526-06
Date: 15-Sep-2021
Time: 06:48:36
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFHxS



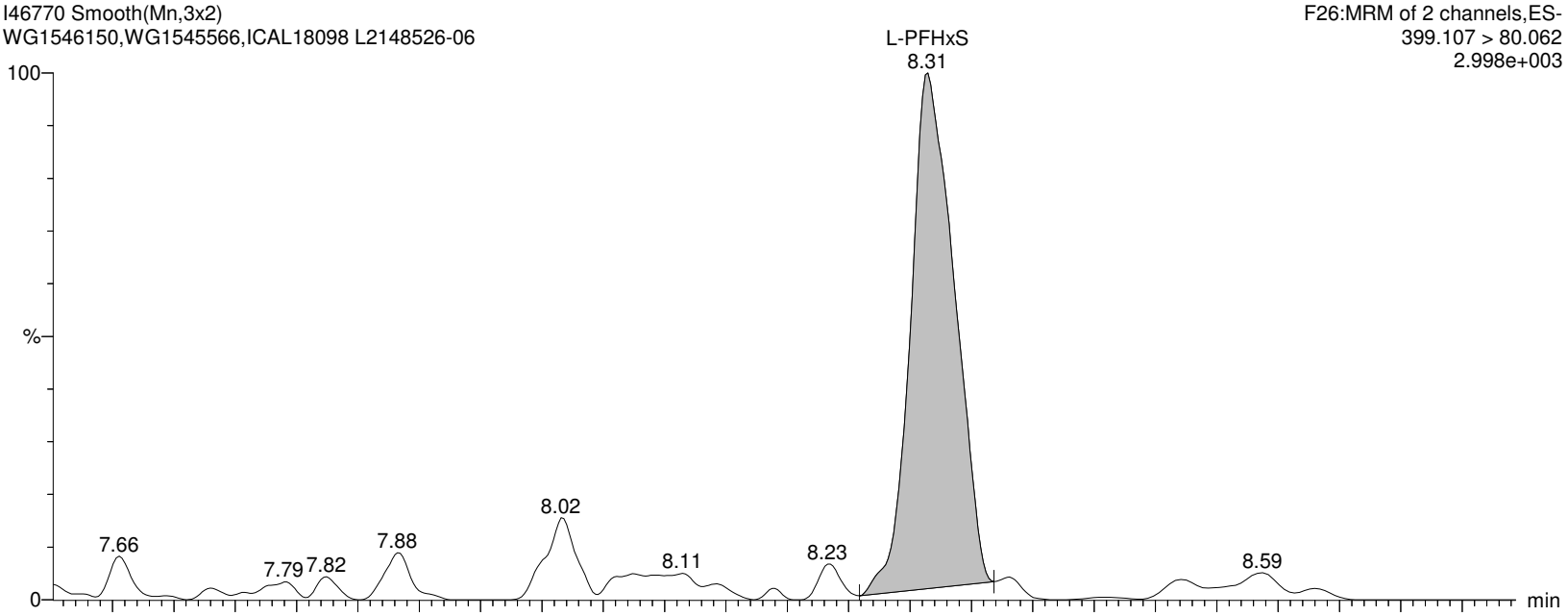


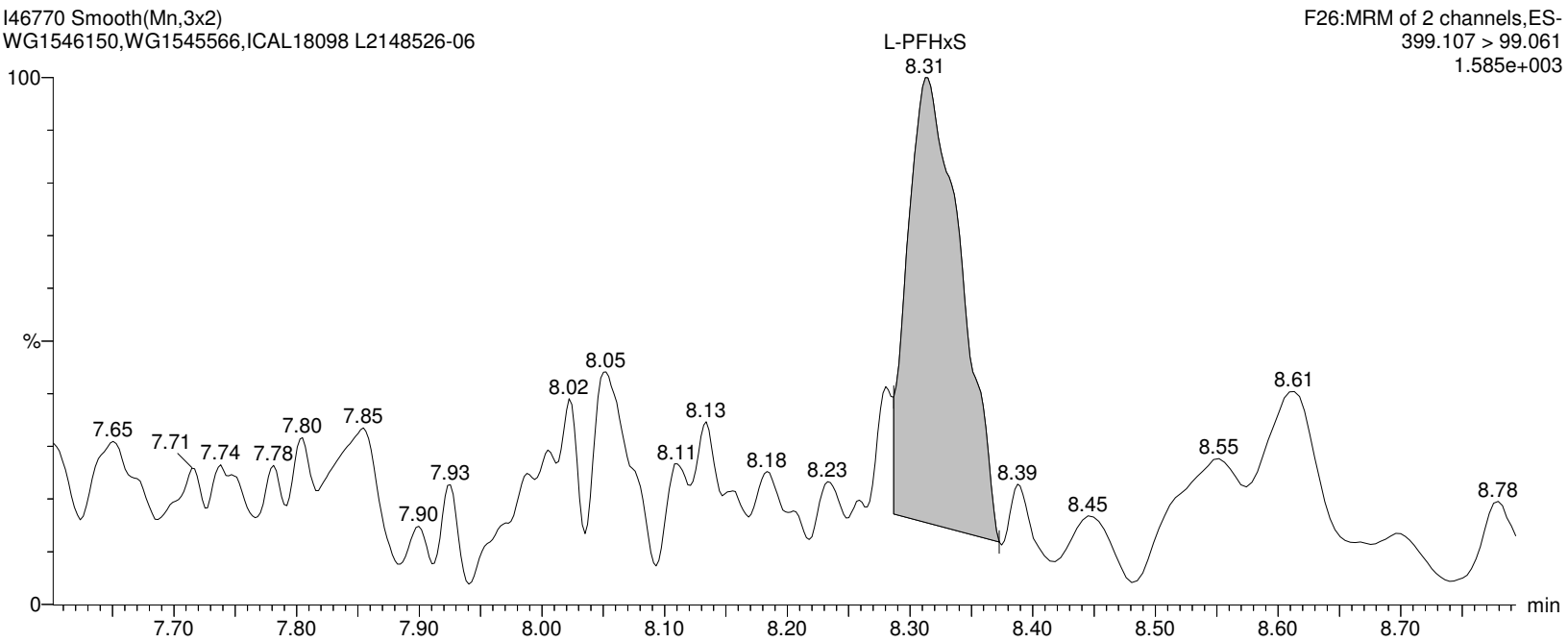
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:08 Eastern Daylight Time

Name: I46770
ID: L2148526-06
Date: 15-Sep-2021
Time: 06:48:36
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFHxS



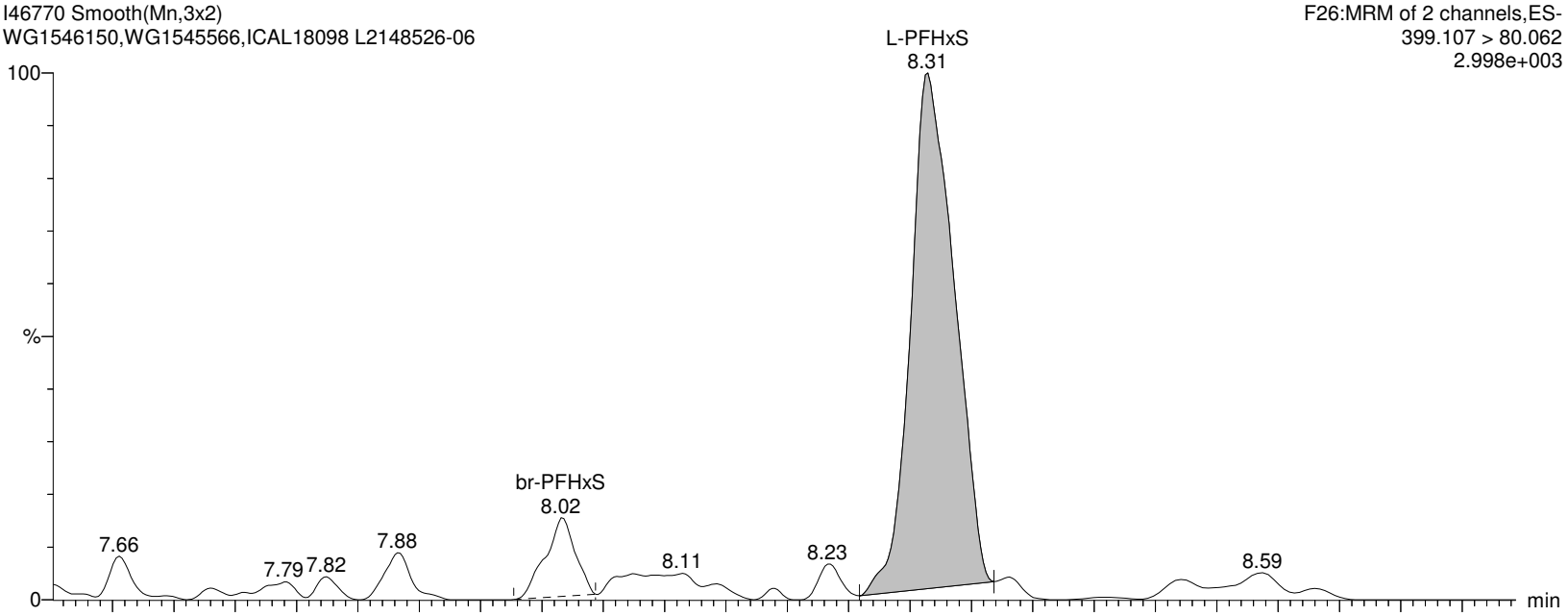


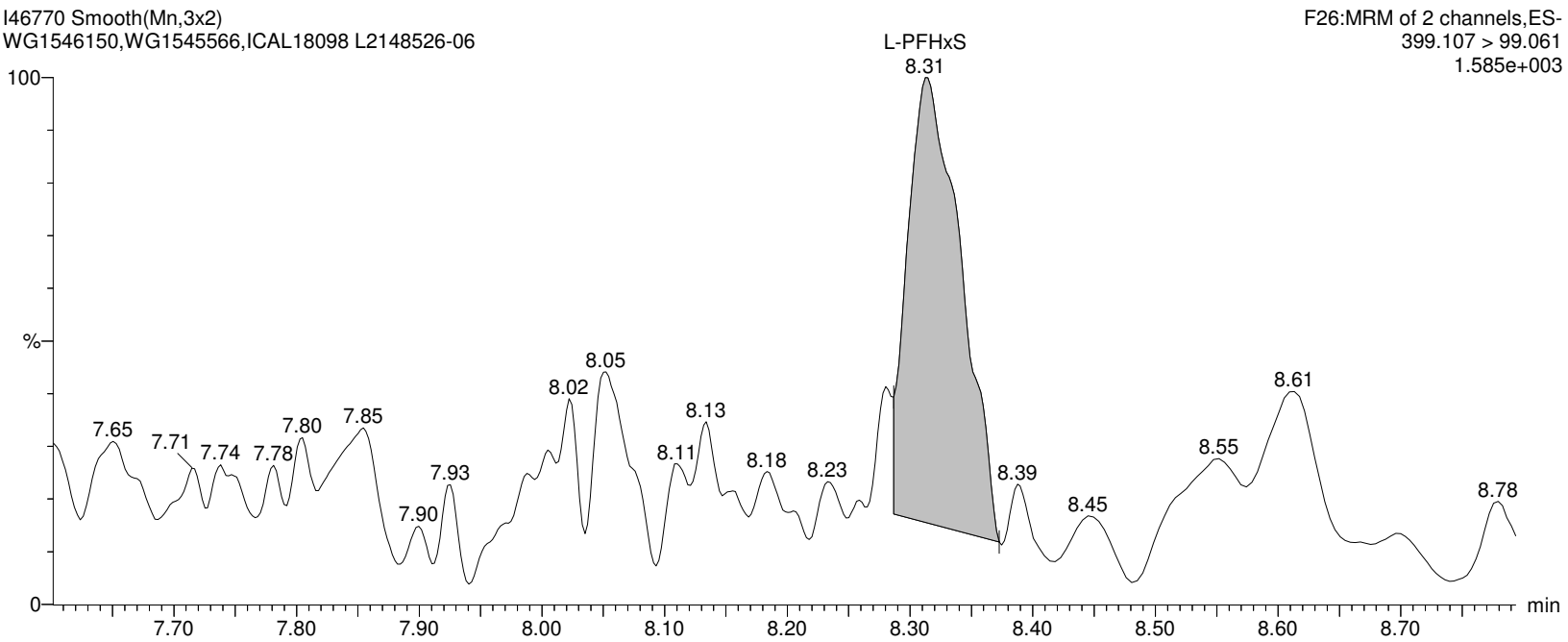
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:08 Eastern Daylight Time

Name: I46770
ID: L2148526-06
Date: 15-Sep-2021
Time: 06:48:36
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxS



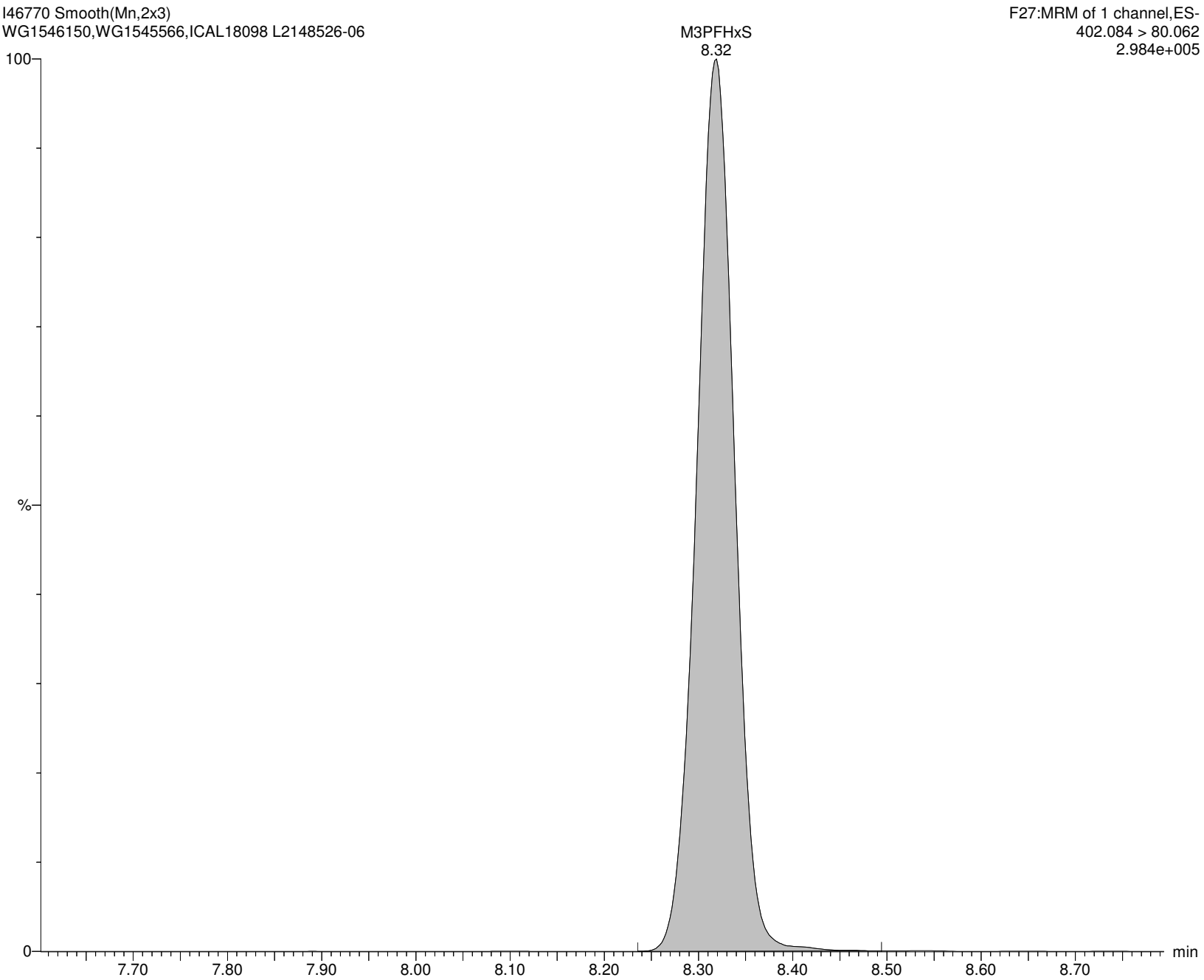


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:08 Eastern Daylight Time

Name: I46770
ID: L2148526-06
Date: 15-Sep-2021
Time: 06:48:36
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFHxS

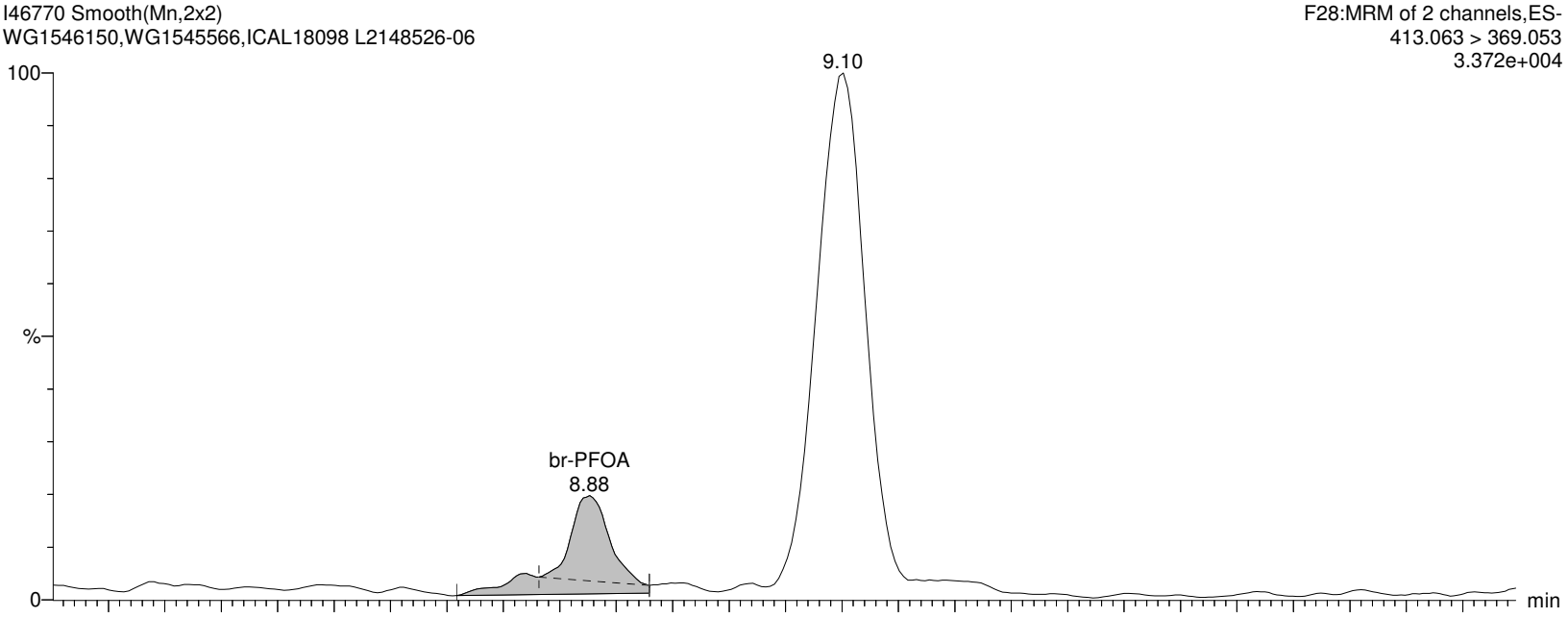


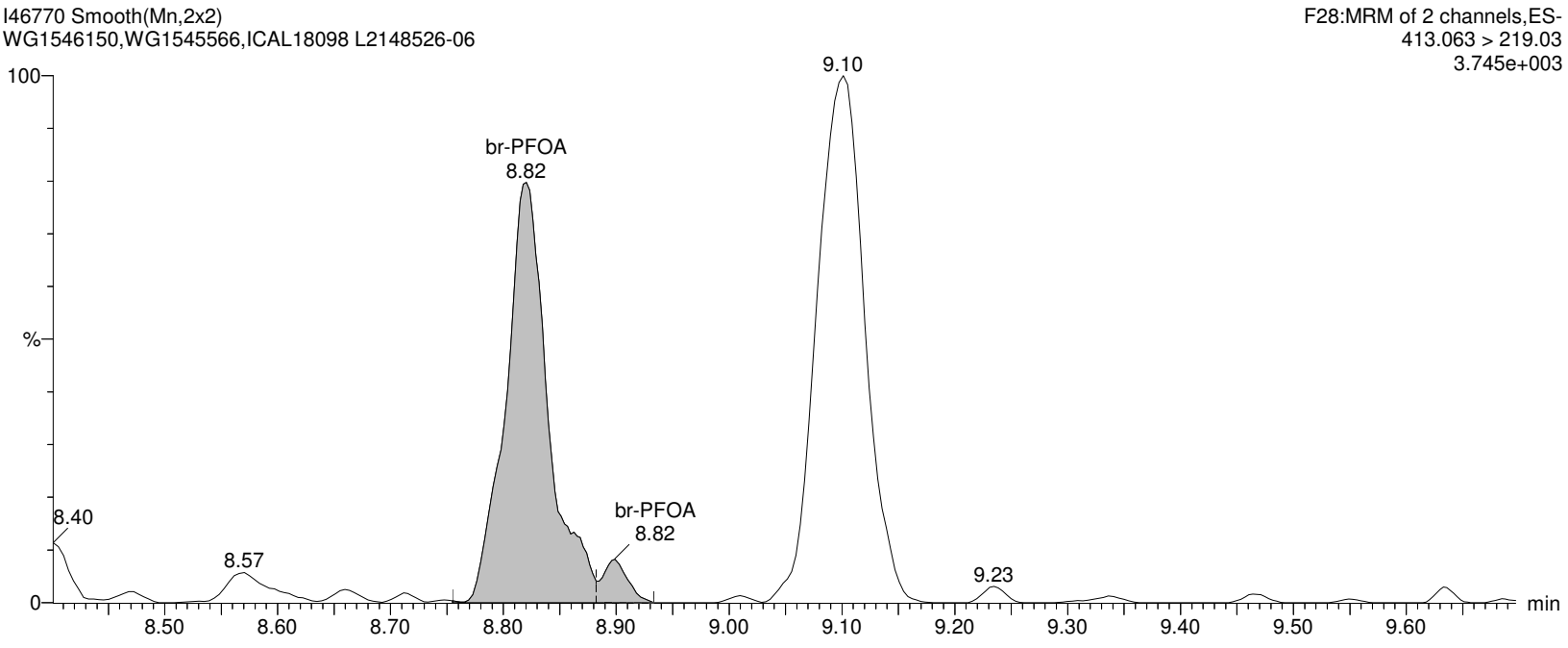
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:08 Eastern Daylight Time

Name: I46770
ID: L2148526-06
Date: 15-Sep-2021
Time: 06:48:36
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOA



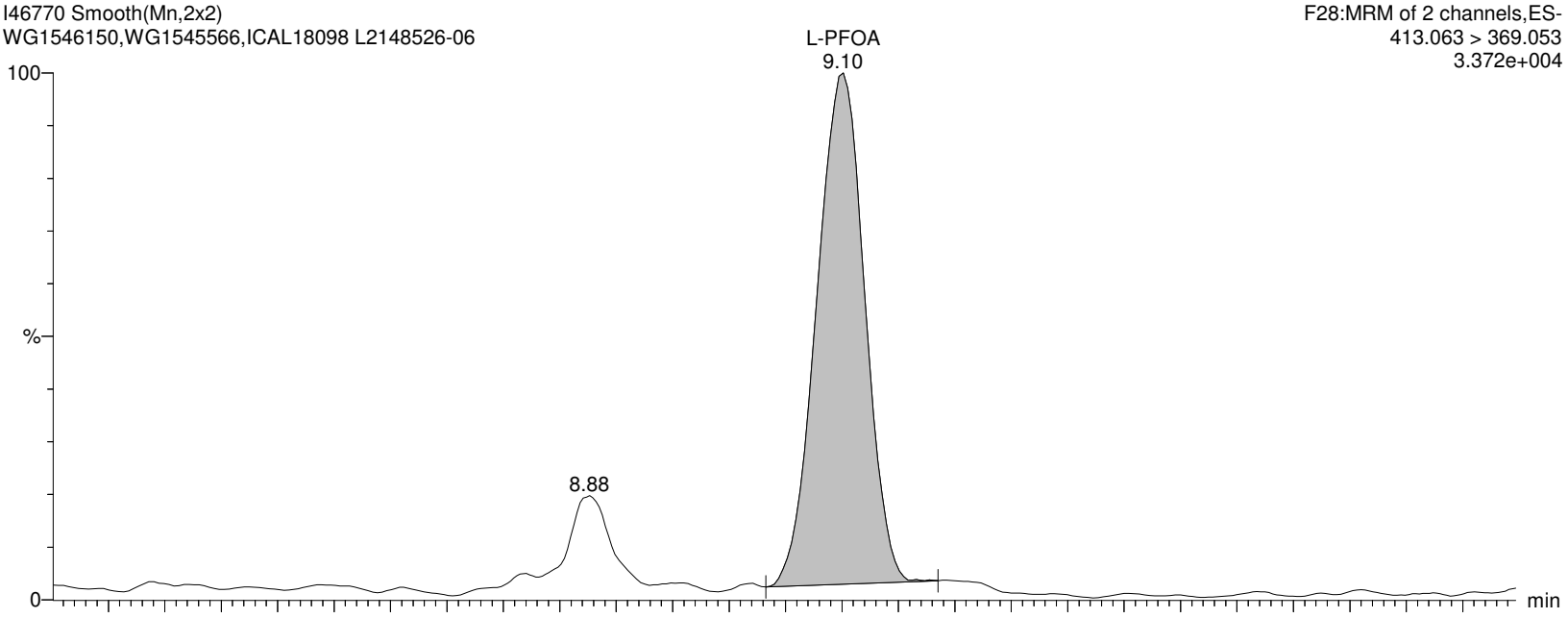


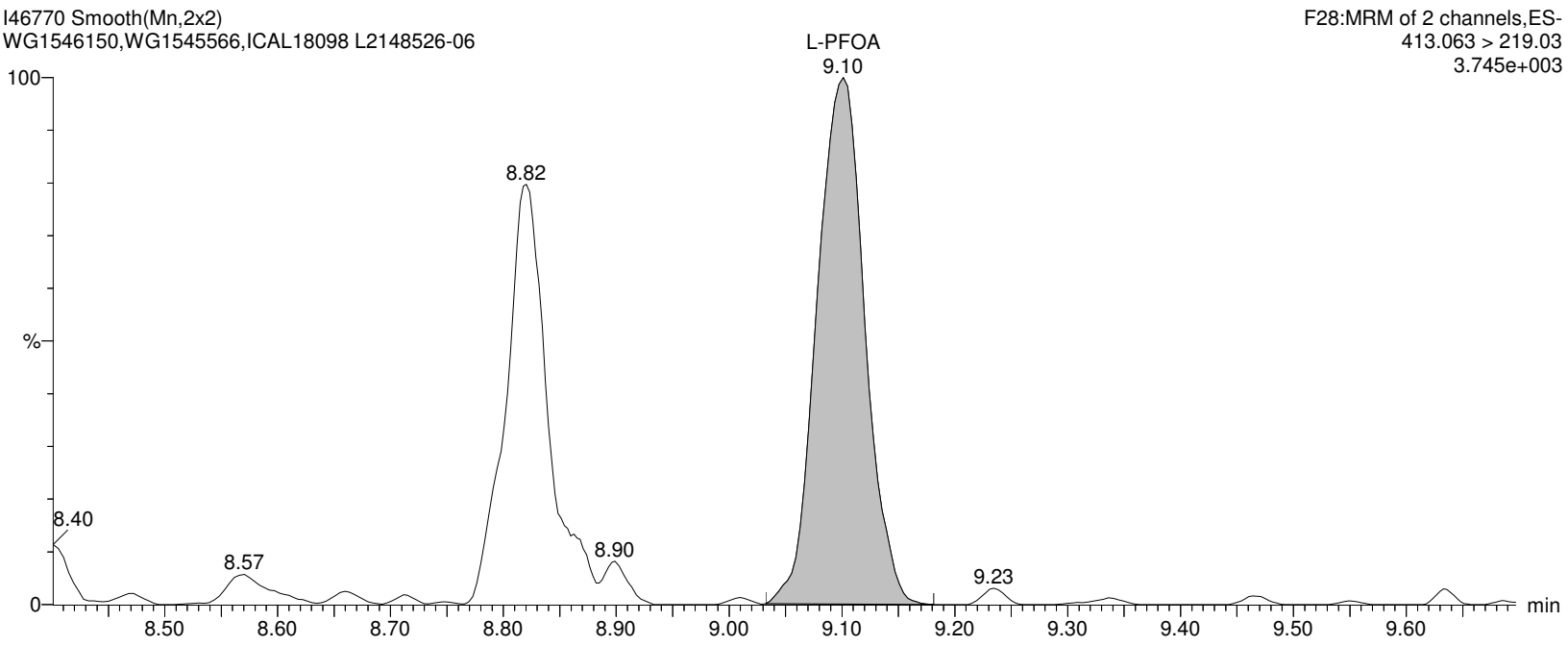
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:08 Eastern Daylight Time

Name: I46770
ID: L2148526-06
Date: 15-Sep-2021
Time: 06:48:36
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOA



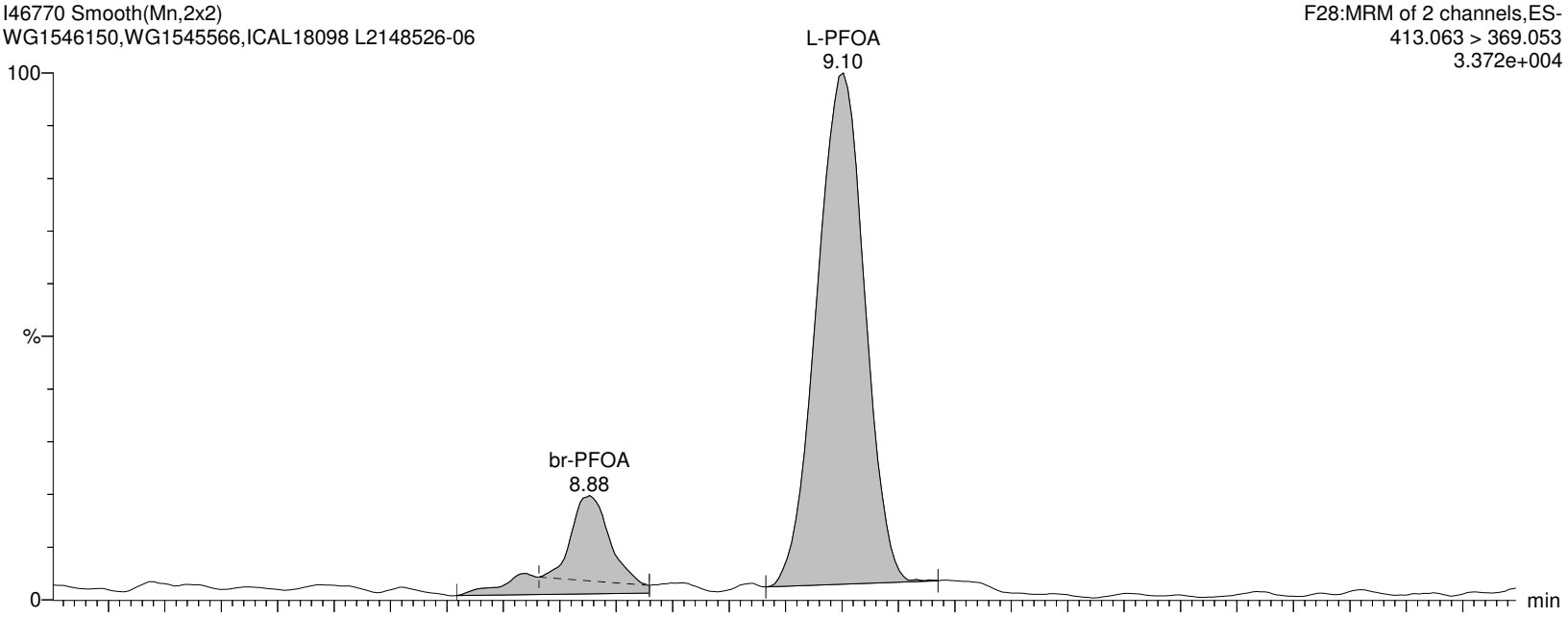


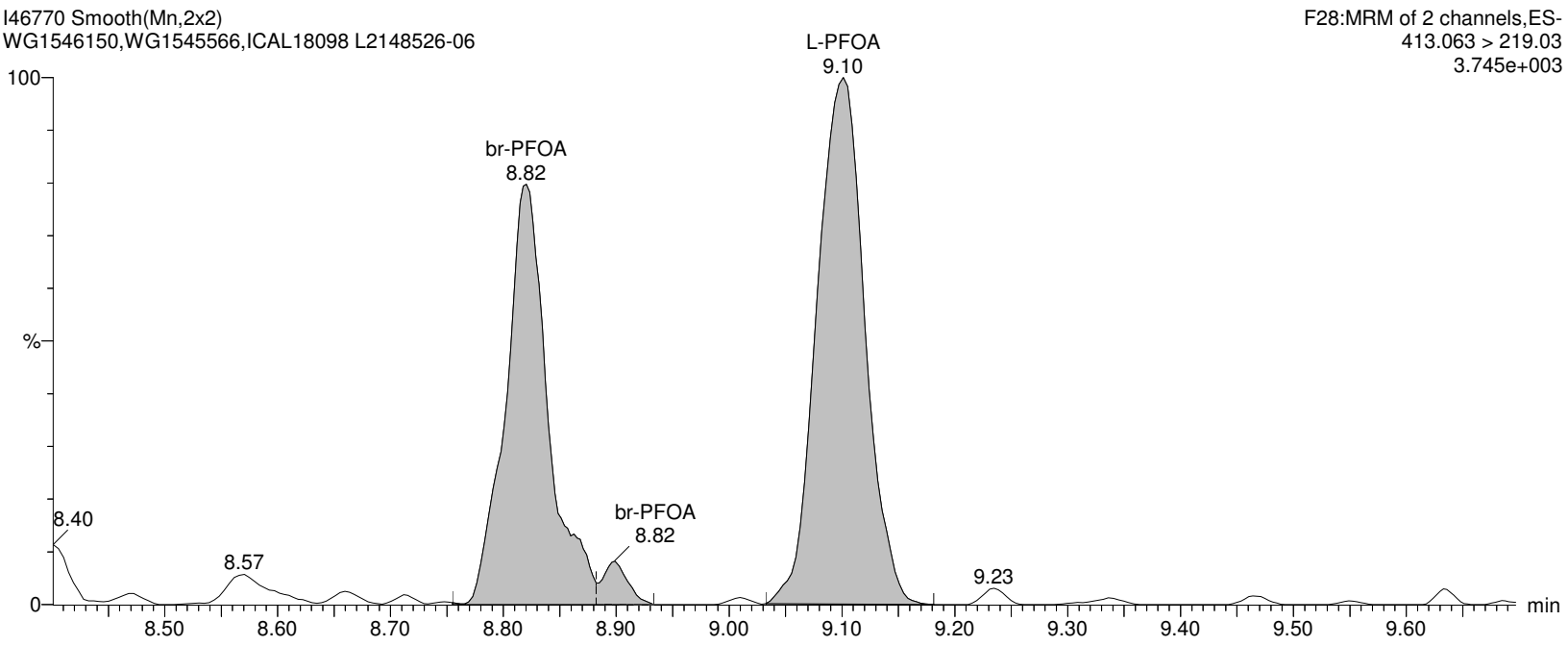
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:08 Eastern Daylight Time

Name: I46770
ID: L2148526-06
Date: 15-Sep-2021
Time: 06:48:36
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOA



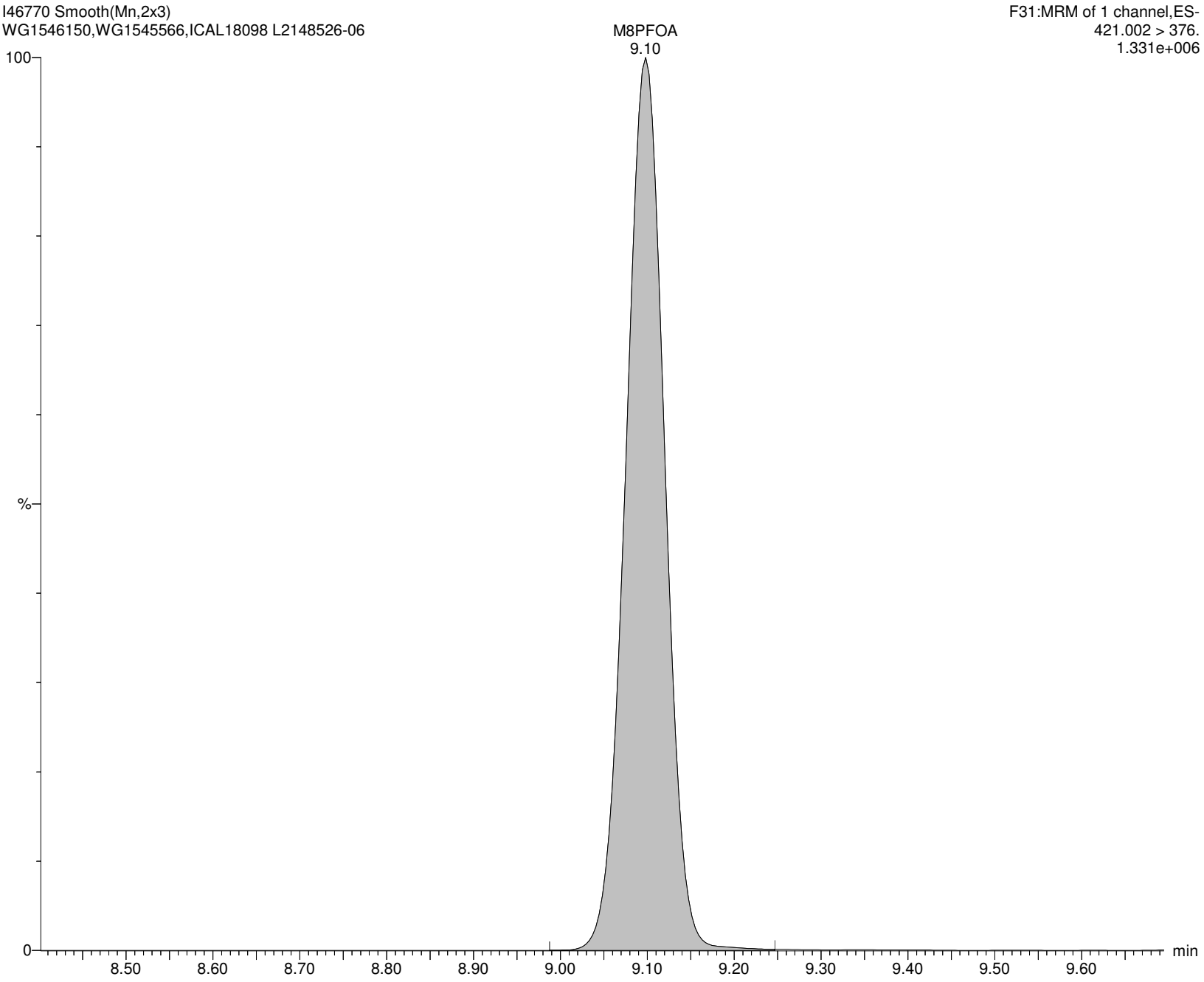


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:08 Eastern Daylight Time

Name: I46770
ID: L2148526-06
Date: 15-Sep-2021
Time: 06:48:36
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOA

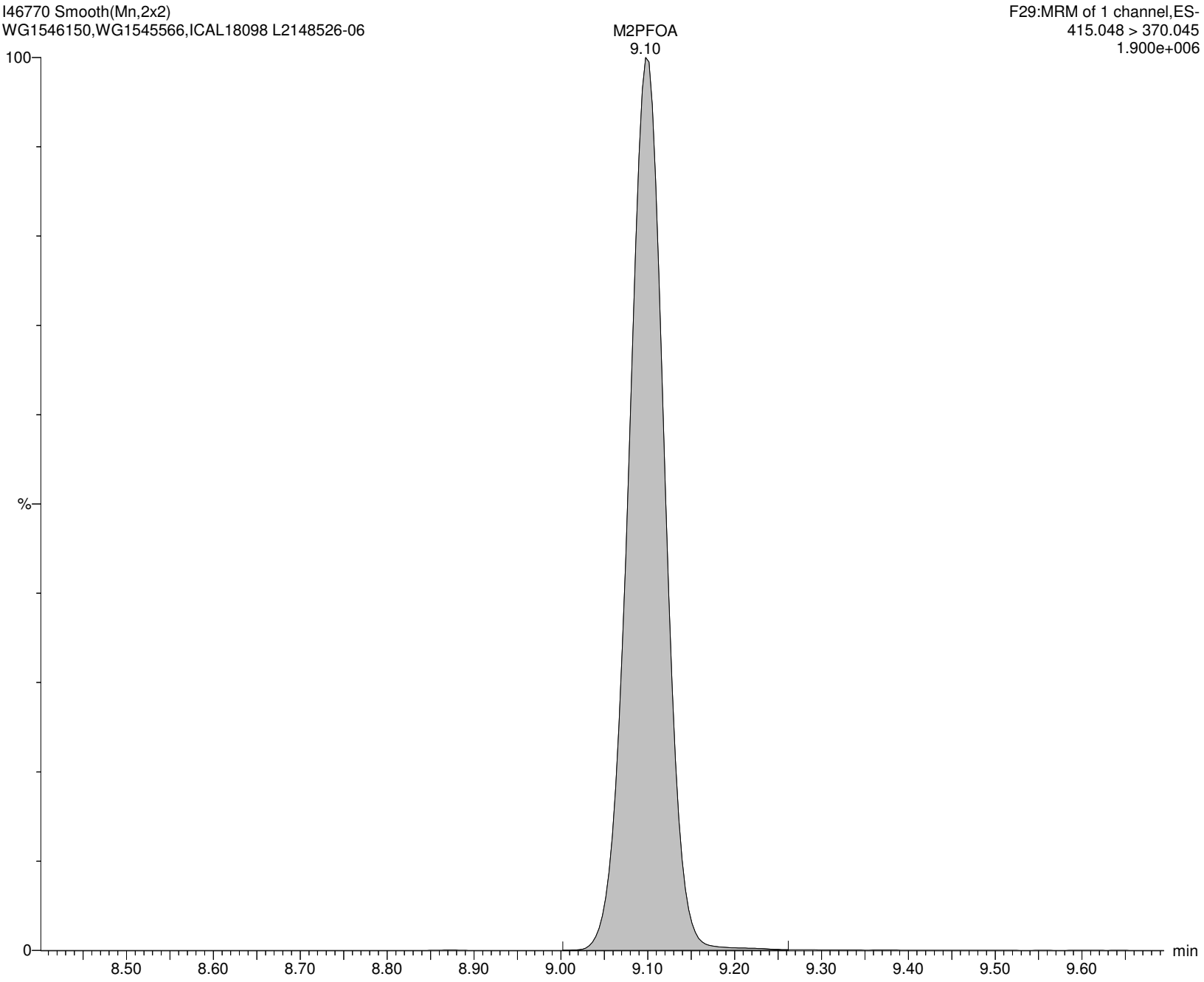


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:08 Eastern Daylight Time

Name: I46770
ID: L2148526-06
Date: 15-Sep-2021
Time: 06:48:36
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFOA

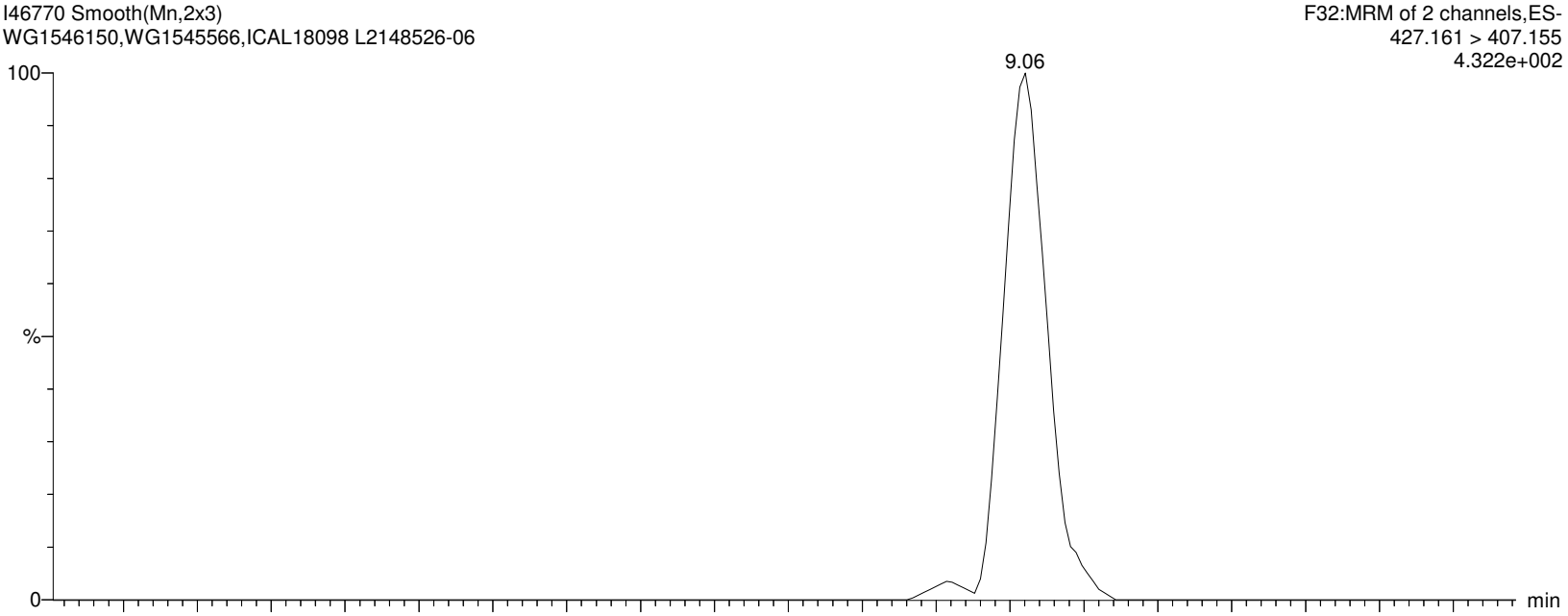


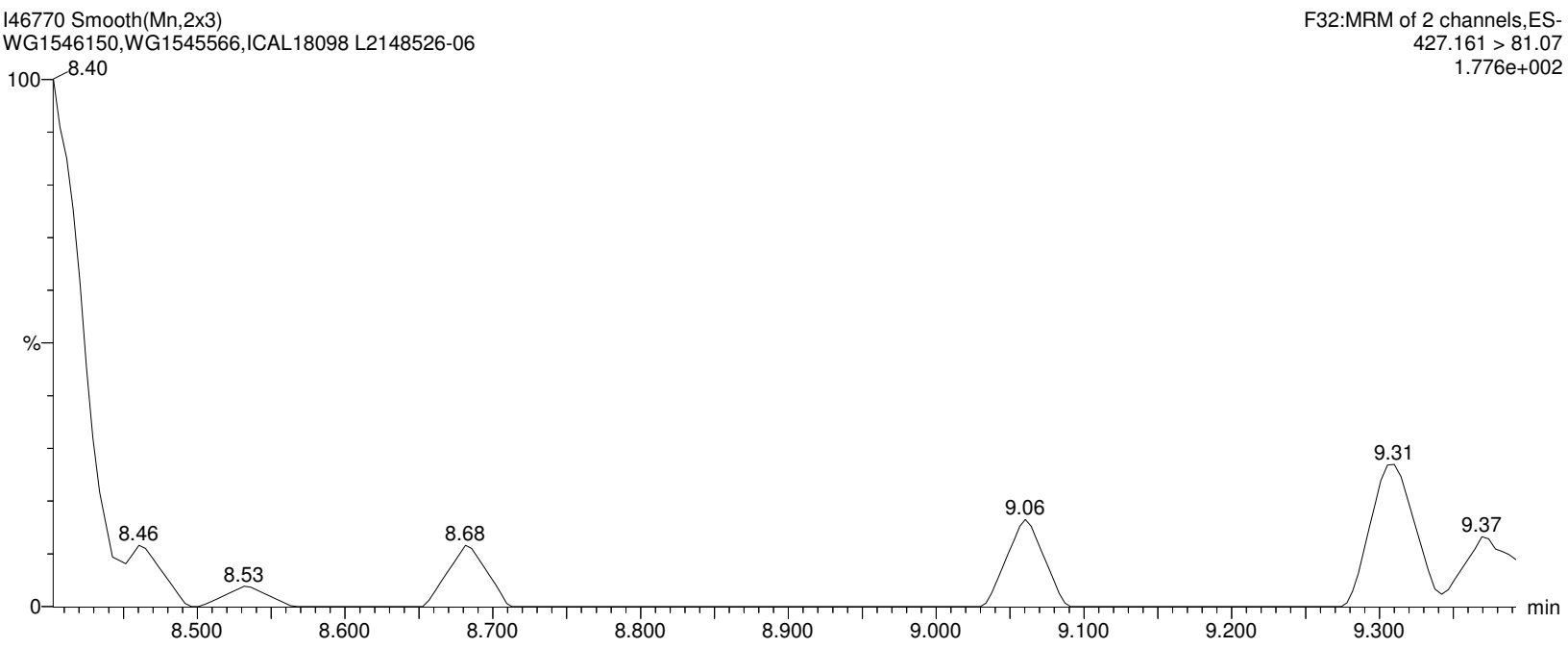
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:08 Eastern Daylight Time

Name: I46770
ID: L2148526-06
Date: 15-Sep-2021
Time: 06:48:36
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

6:2FTS



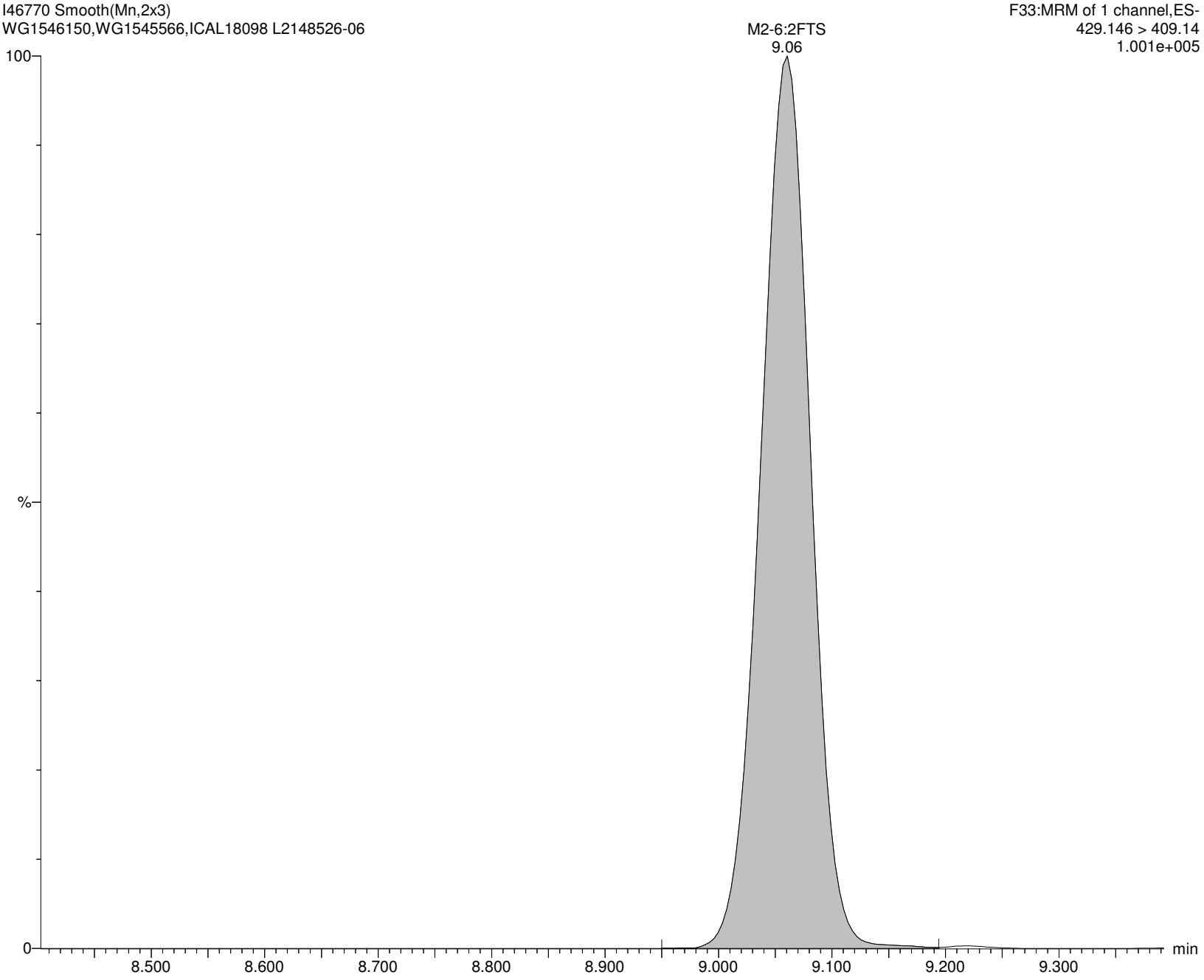


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:08 Eastern Daylight Time

Name: I46770
ID: L2148526-06
Date: 15-Sep-2021
Time: 06:48:36
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-6:2FTS

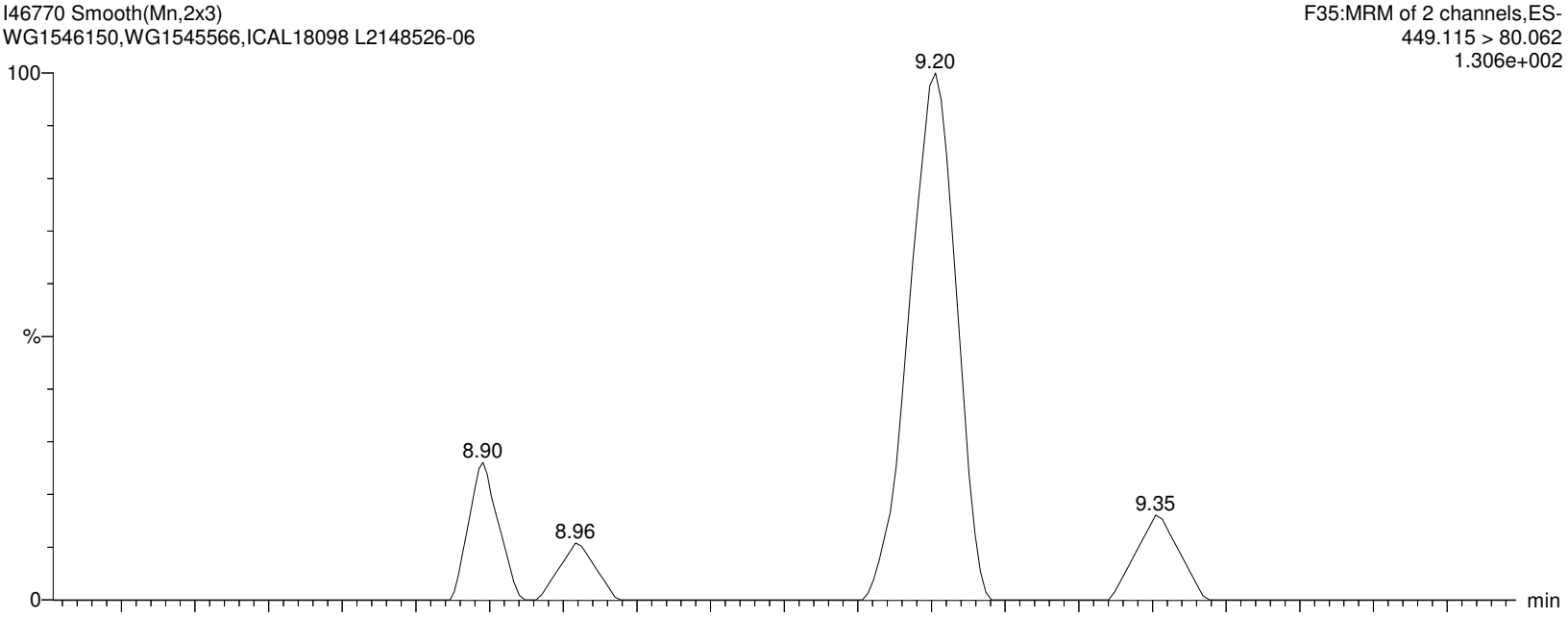


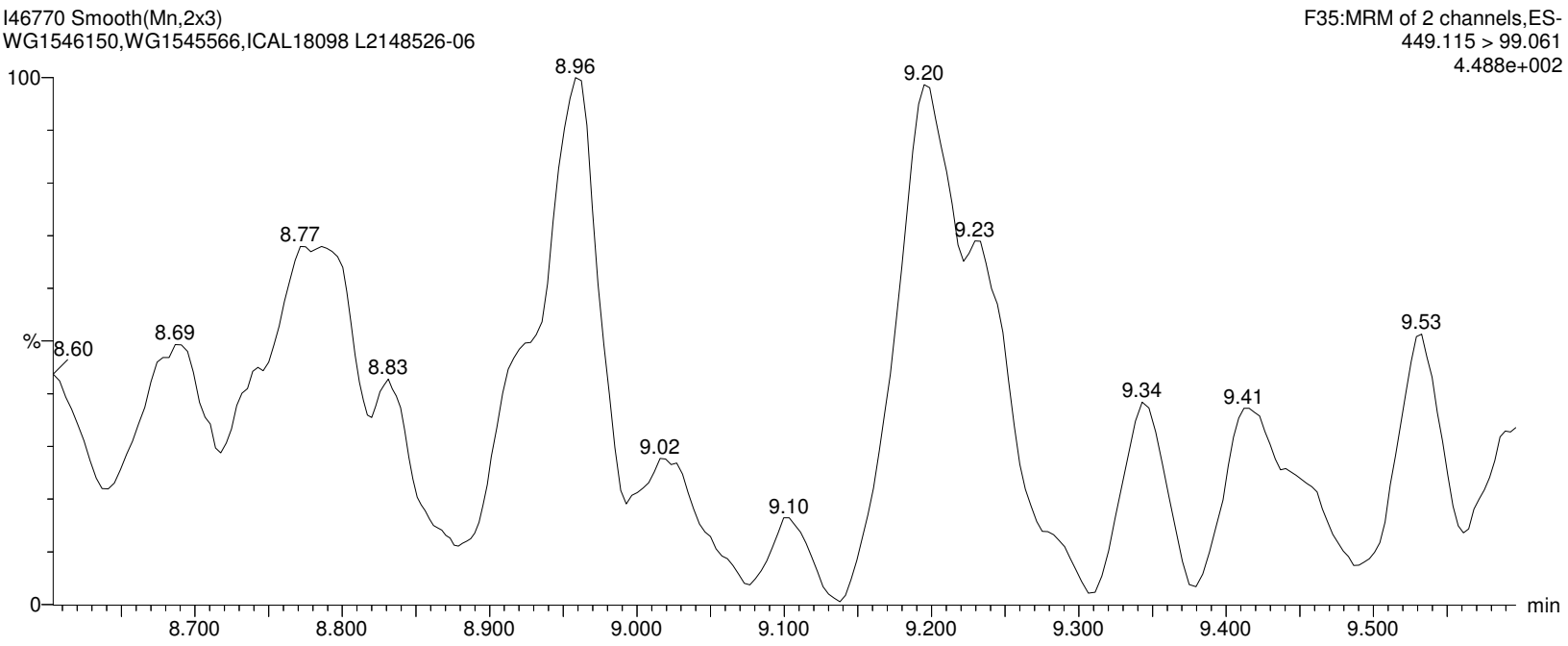
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:08 Eastern Daylight Time

Name: I46770
ID: L2148526-06
Date: 15-Sep-2021
Time: 06:48:36
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpS



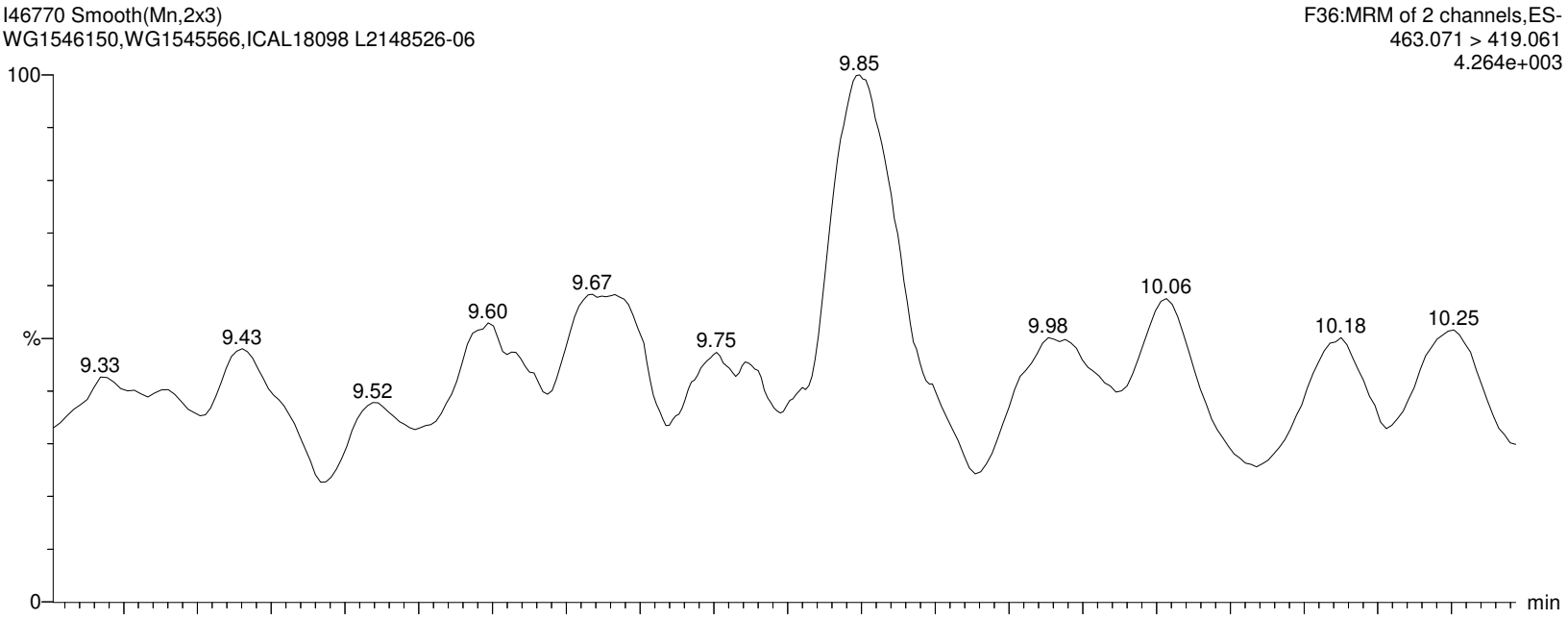


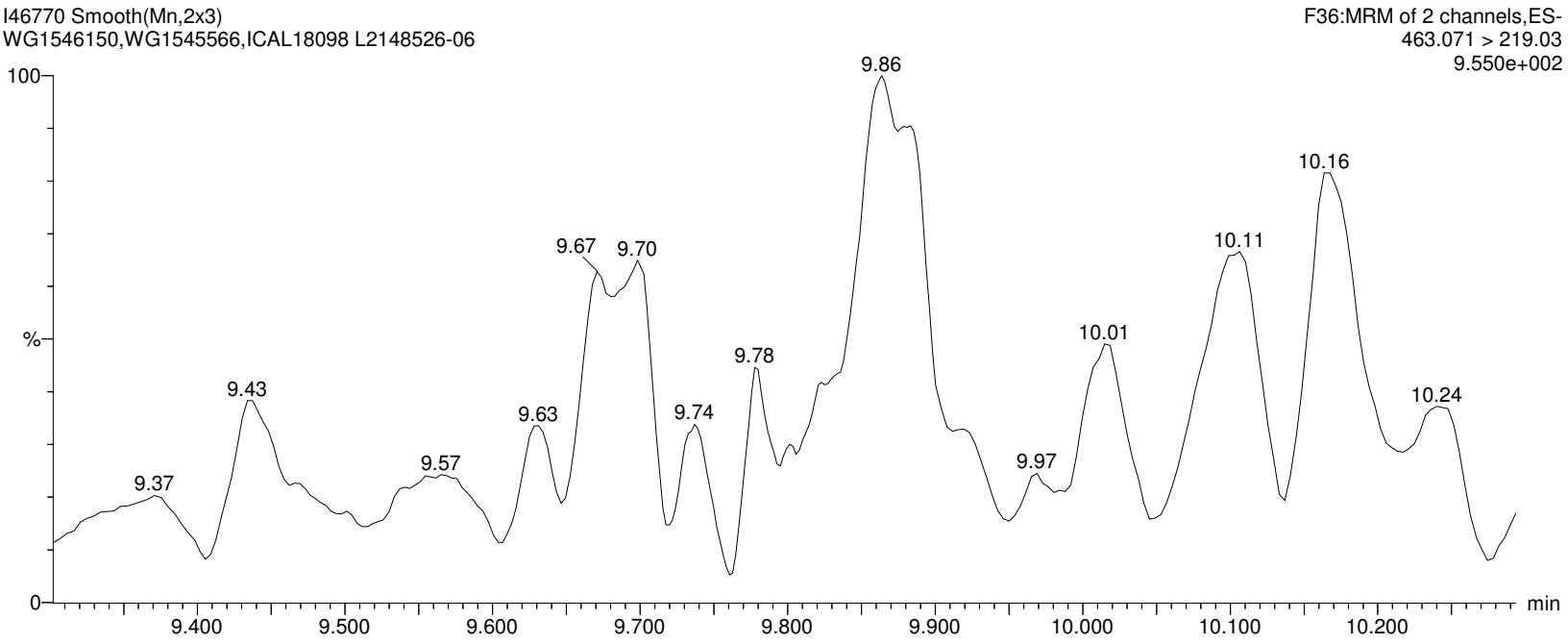
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:08 Eastern Daylight Time

Name: I46770
ID: L2148526-06
Date: 15-Sep-2021
Time: 06:48:36
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNA



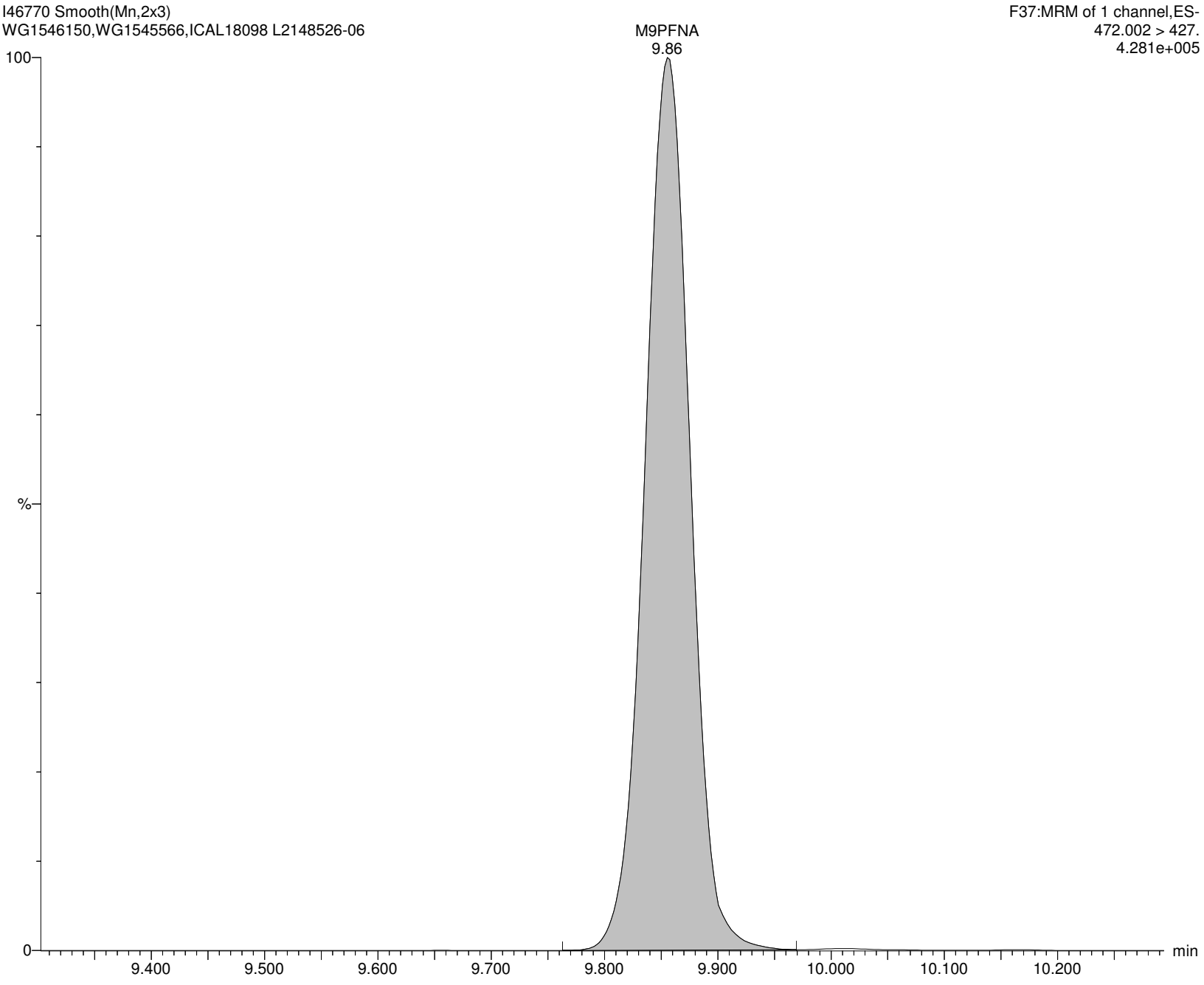


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:08 Eastern Daylight Time

Name: I46770
ID: L2148526-06
Date: 15-Sep-2021
Time: 06:48:36
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M9PFNA

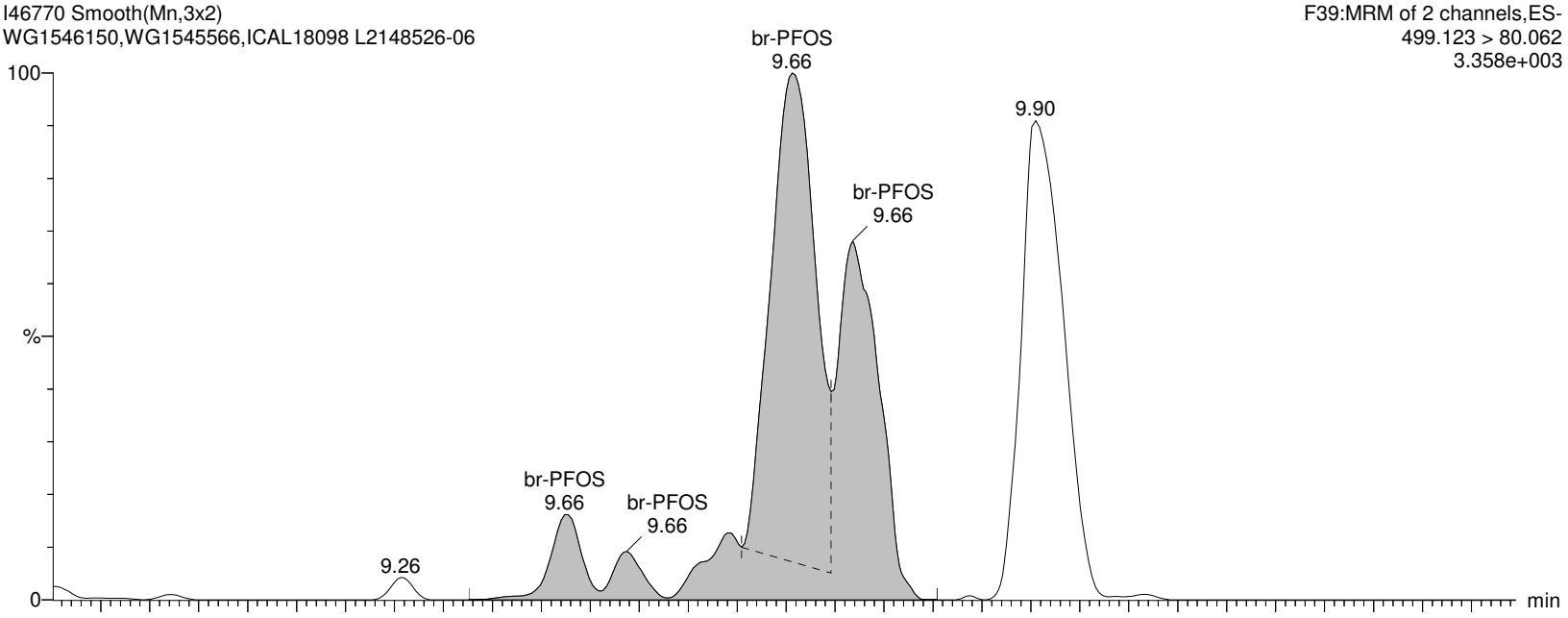


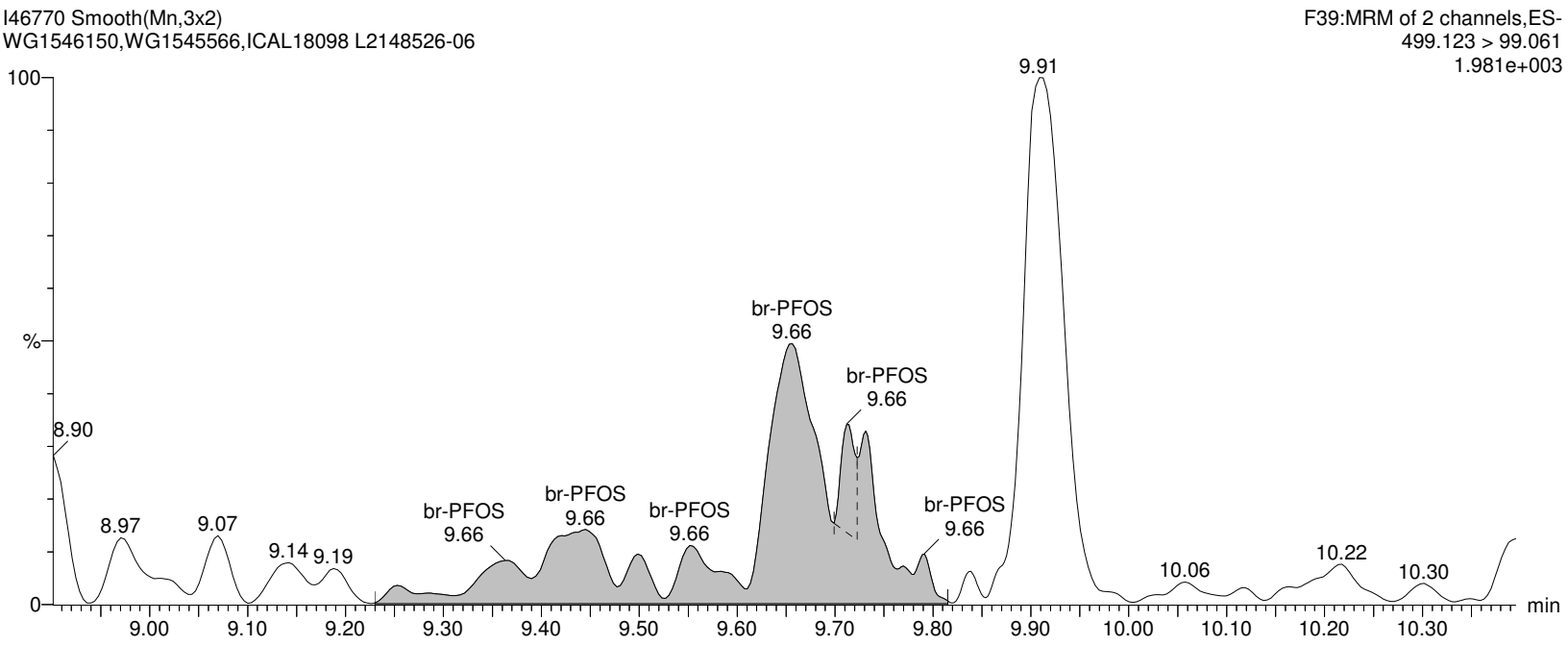
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:08 Eastern Daylight Time

Name: I46770
ID: L2148526-06
Date: 15-Sep-2021
Time: 06:48:36
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOS



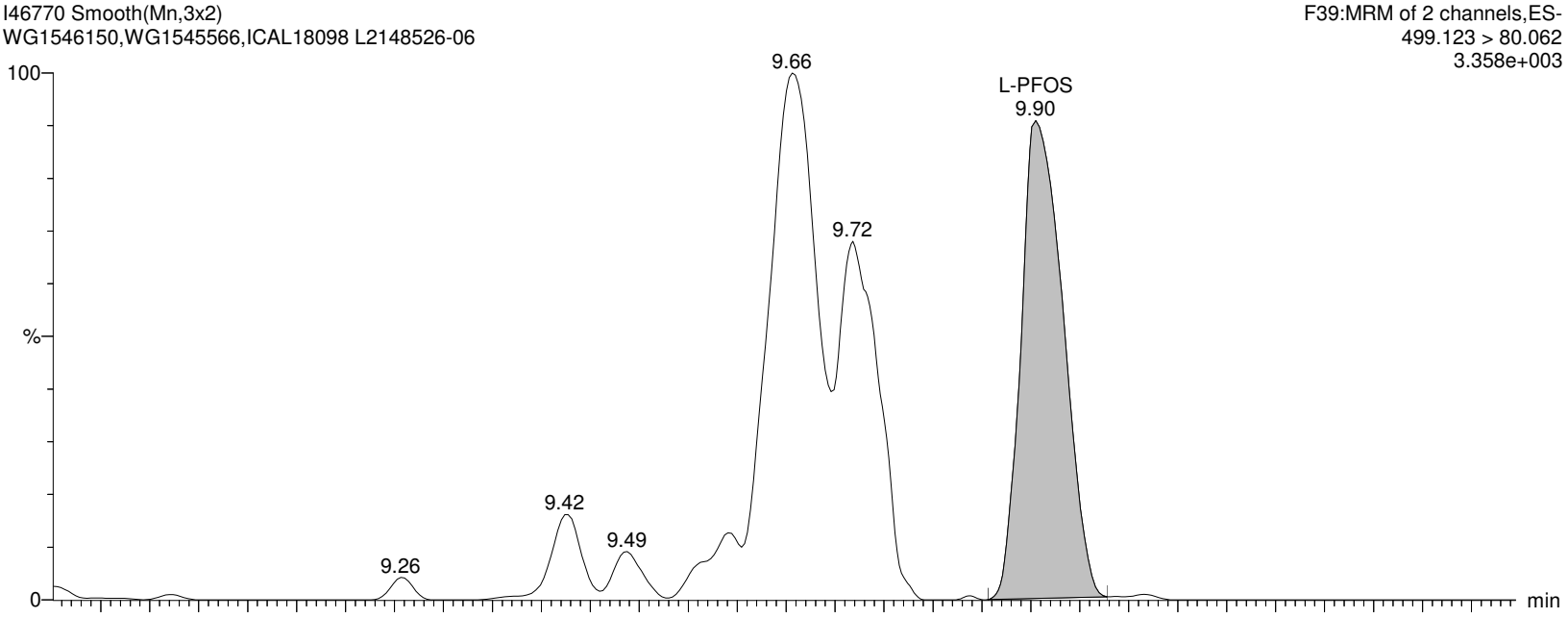


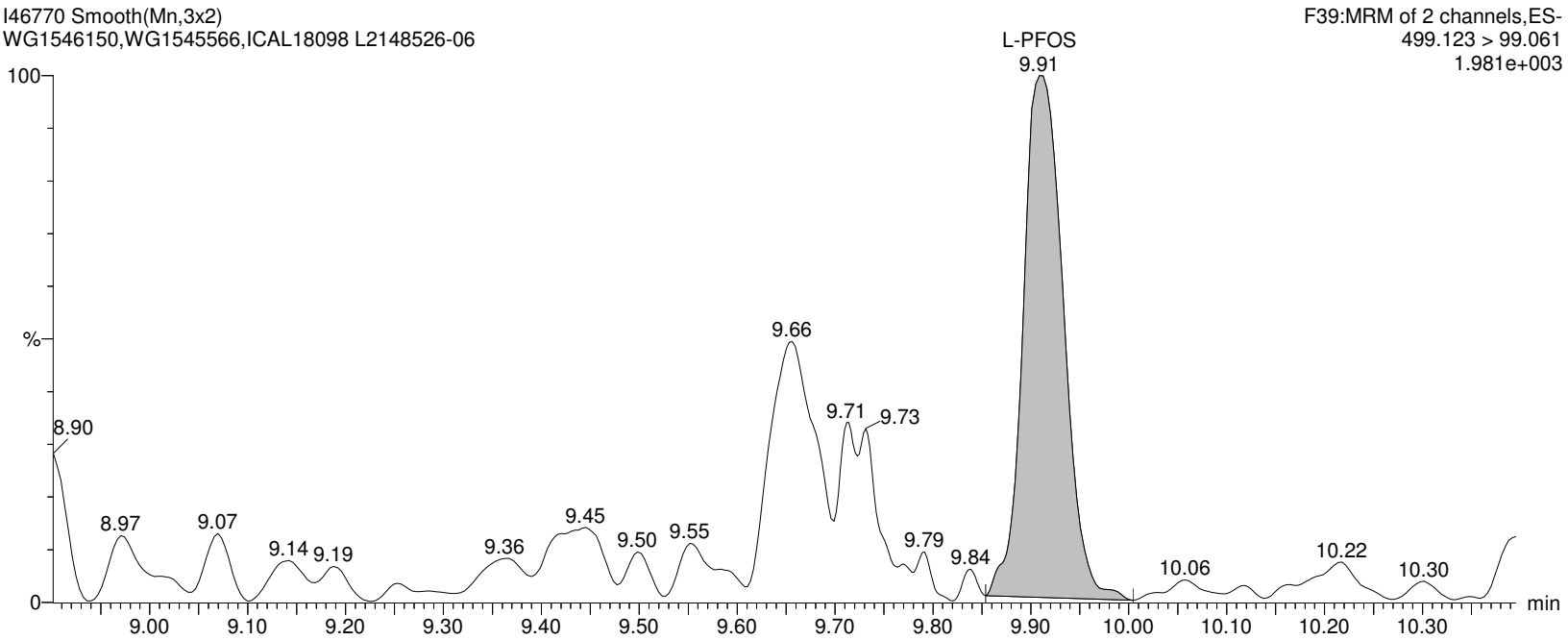
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:08 Eastern Daylight Time

Name: I46770
ID: L2148526-06
Date: 15-Sep-2021
Time: 06:48:36
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOS



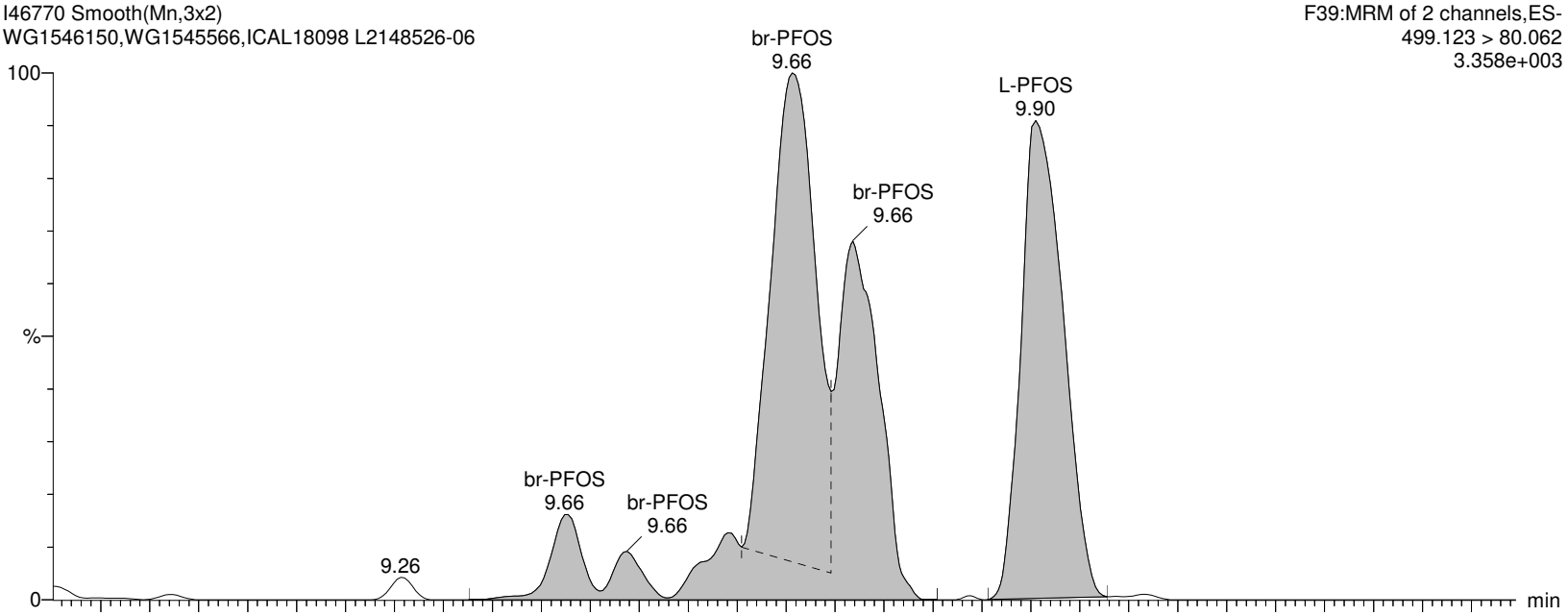


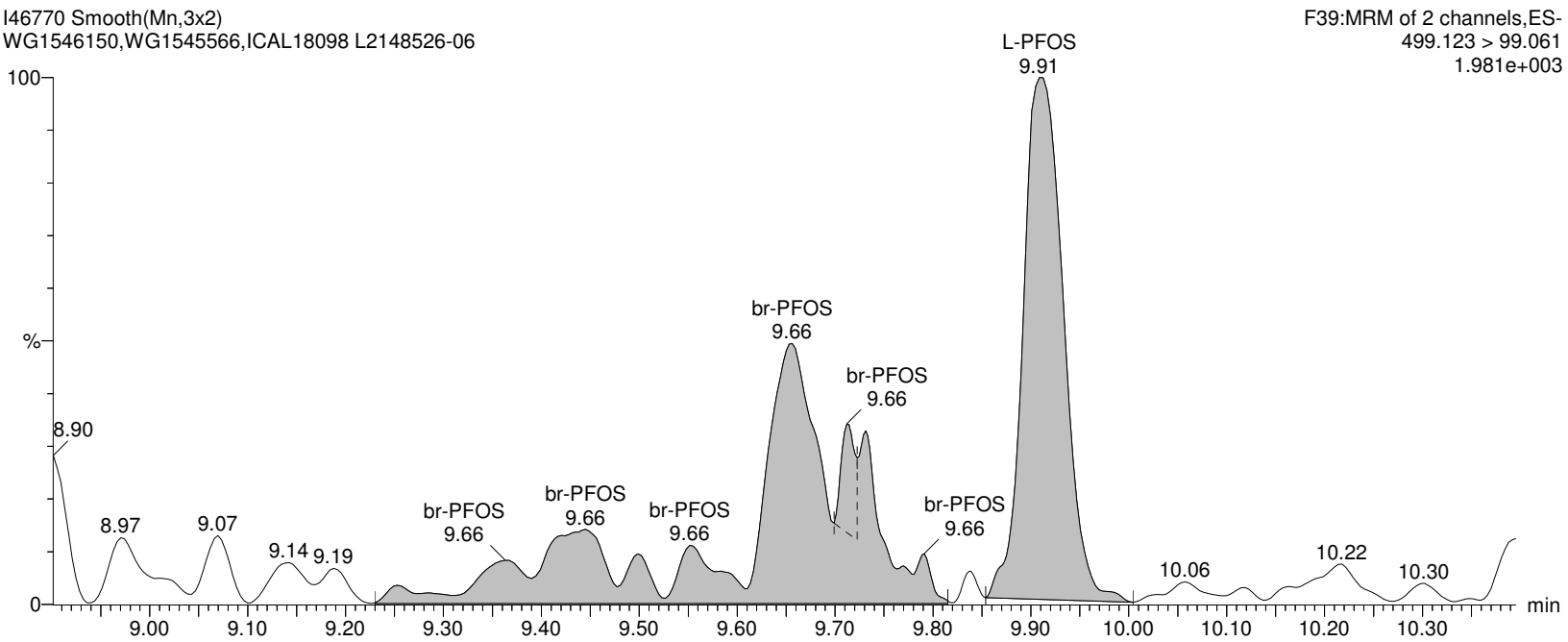
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:08 Eastern Daylight Time

Name: I46770
ID: L2148526-06
Date: 15-Sep-2021
Time: 06:48:36
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOS



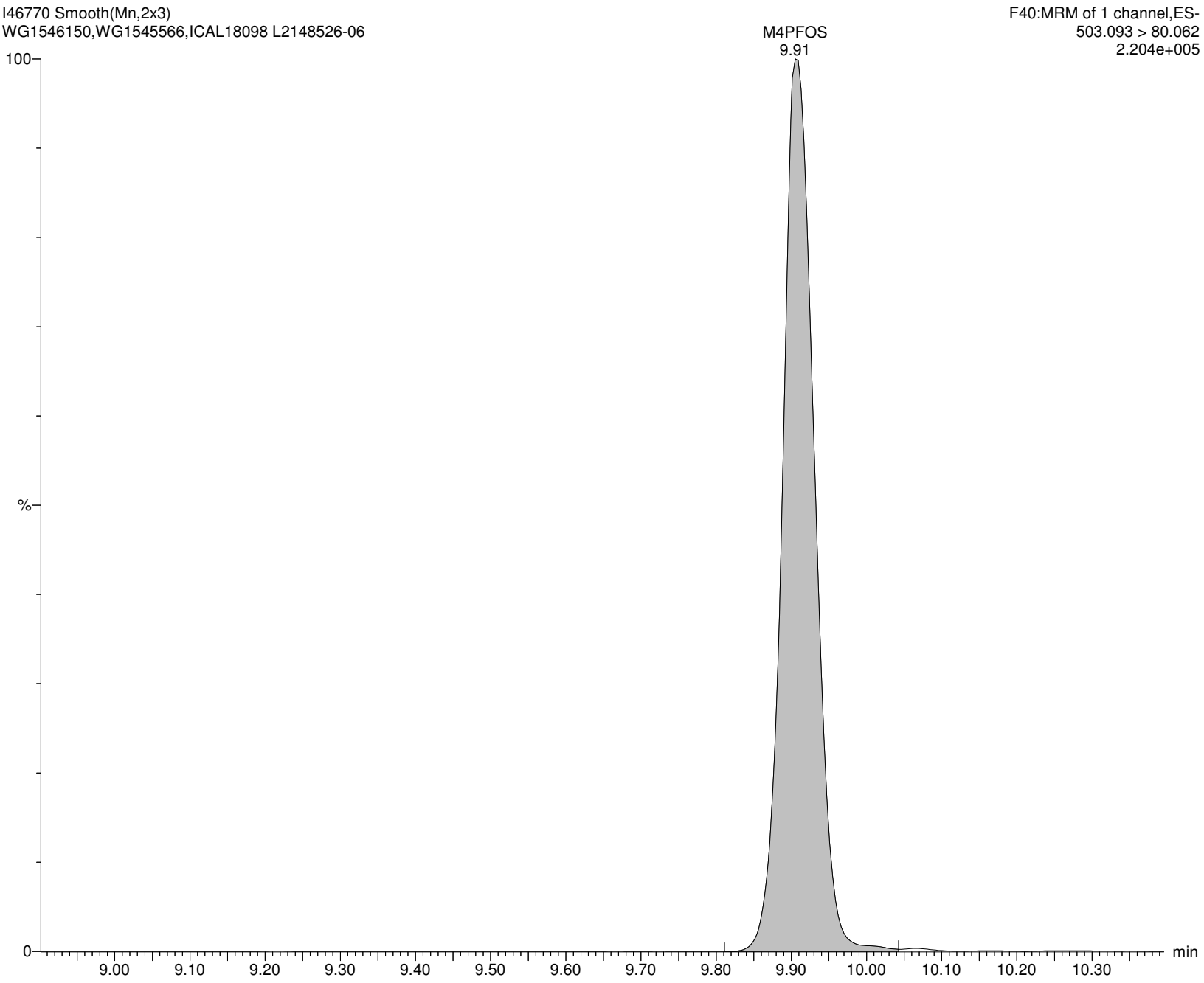


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:08 Eastern Daylight Time

Name: I46770
ID: L2148526-06
Date: 15-Sep-2021
Time: 06:48:36
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOS

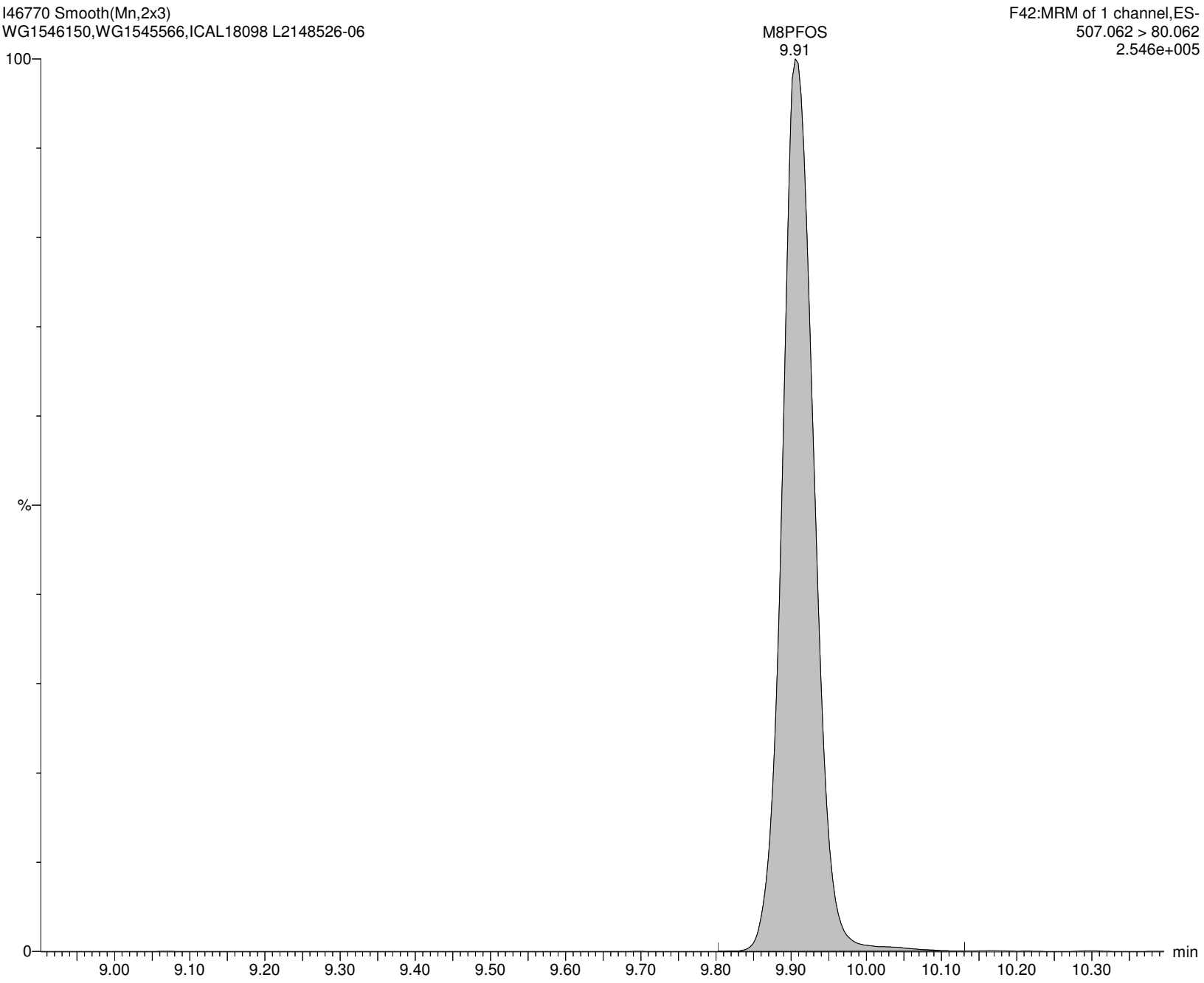


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:08 Eastern Daylight Time

Name: I46770
ID: L2148526-06
Date: 15-Sep-2021
Time: 06:48:36
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOS

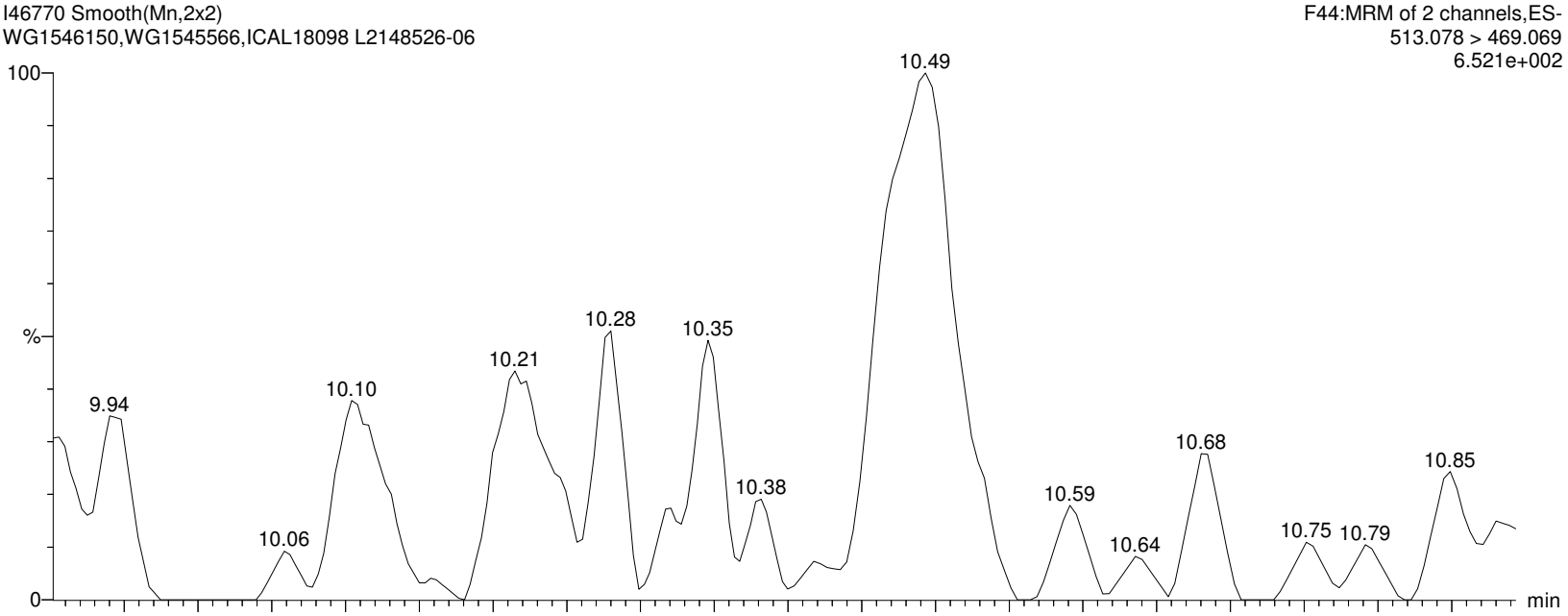


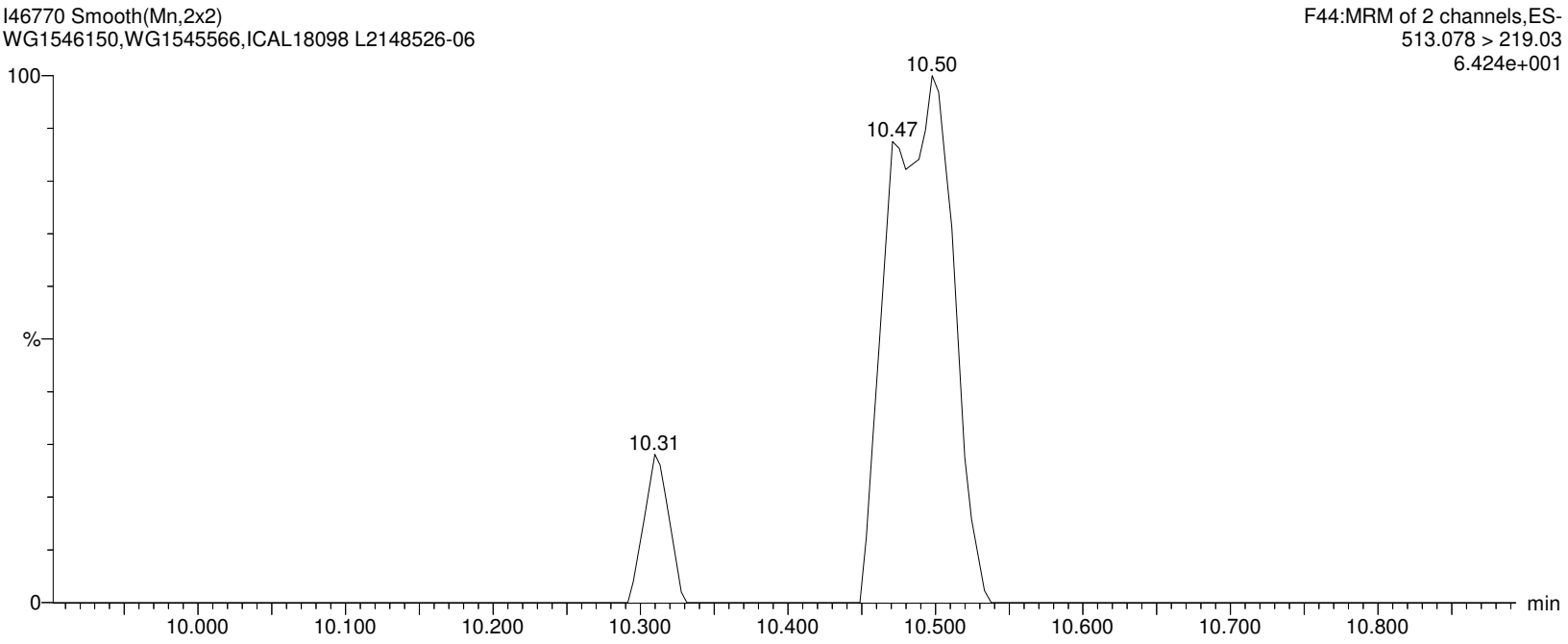
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:08 Eastern Daylight Time

Name: I46770
ID: L2148526-06
Date: 15-Sep-2021
Time: 06:48:36
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDA



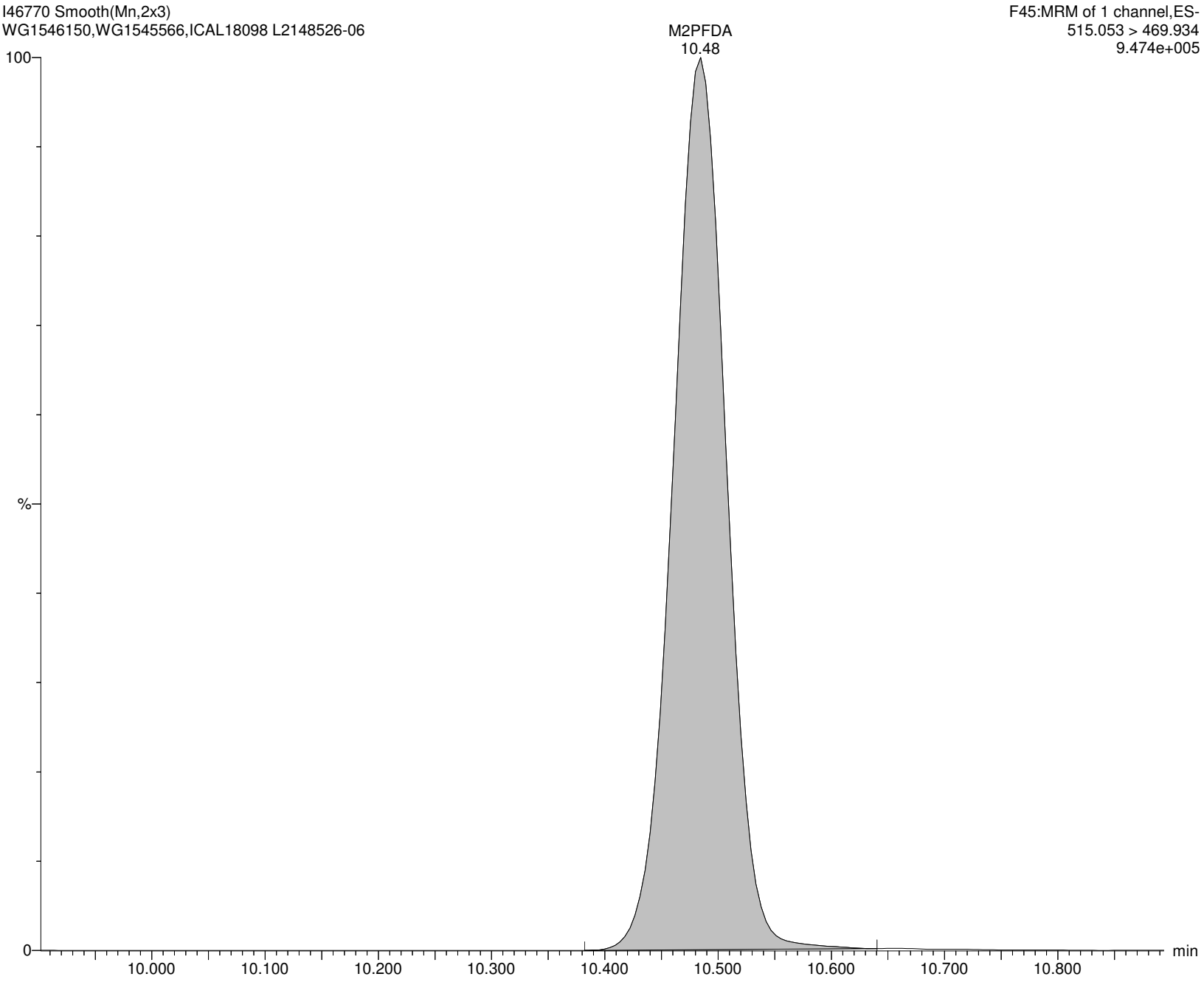


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:08 Eastern Daylight Time

Name: I46770
ID: L2148526-06
Date: 15-Sep-2021
Time: 06:48:36
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFDA

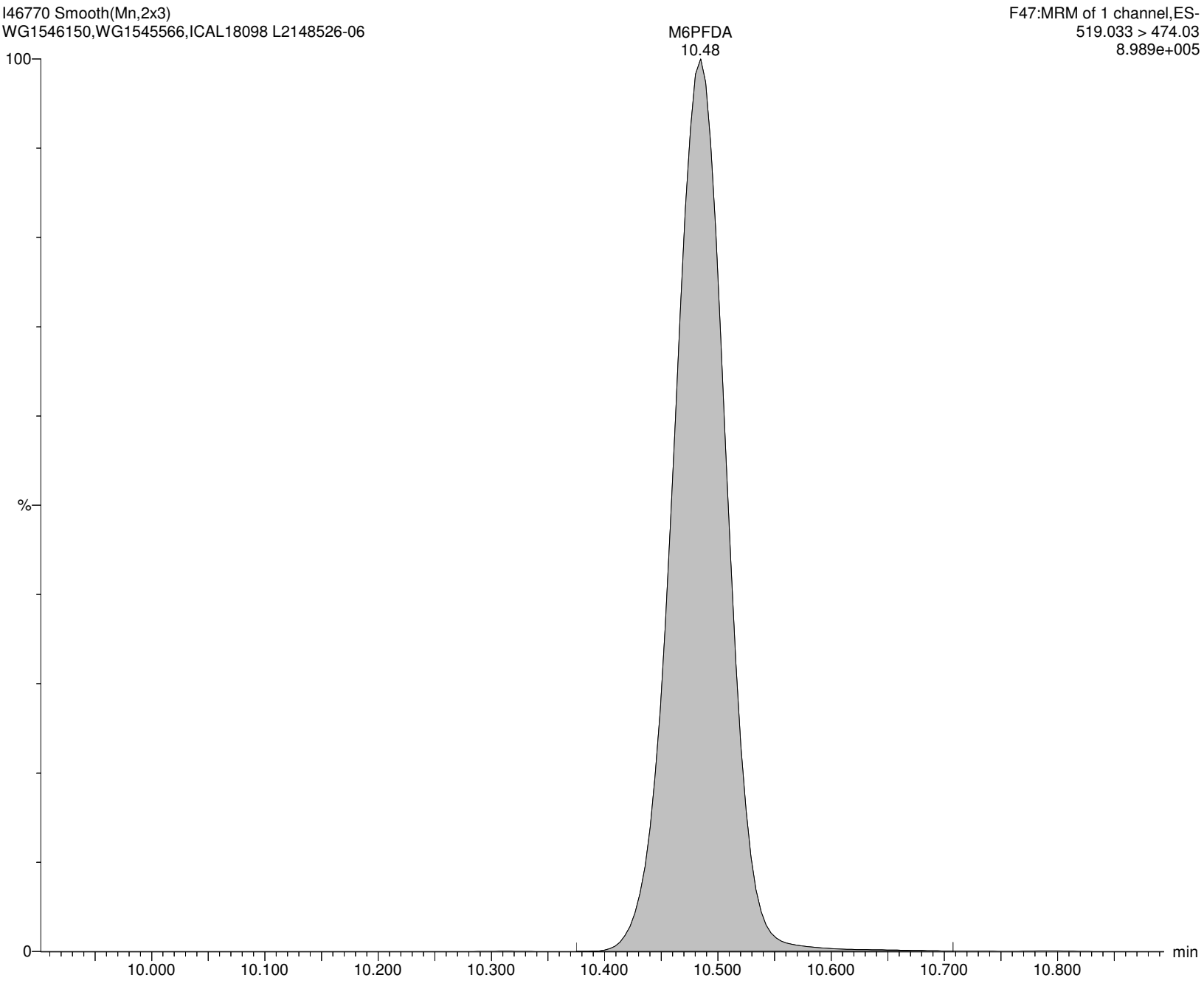


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:08 Eastern Daylight Time

Name: I46770
ID: L2148526-06
Date: 15-Sep-2021
Time: 06:48:36
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M6PFDA

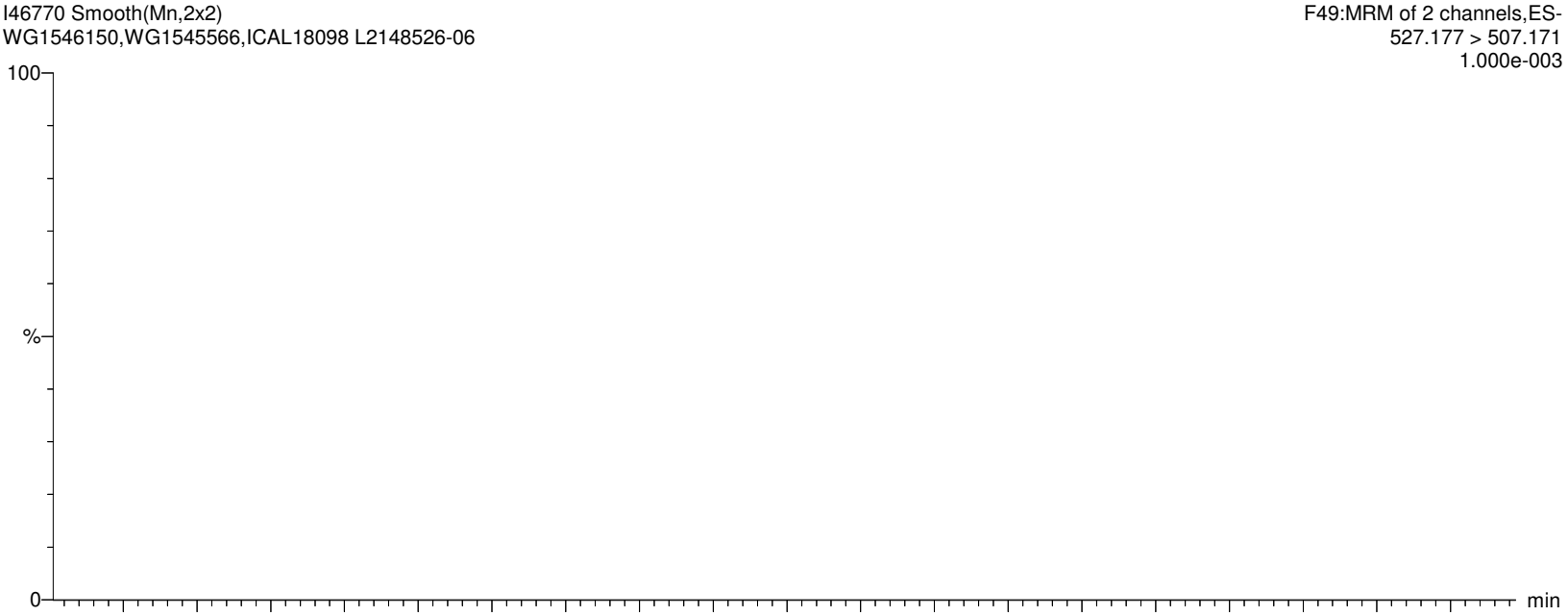


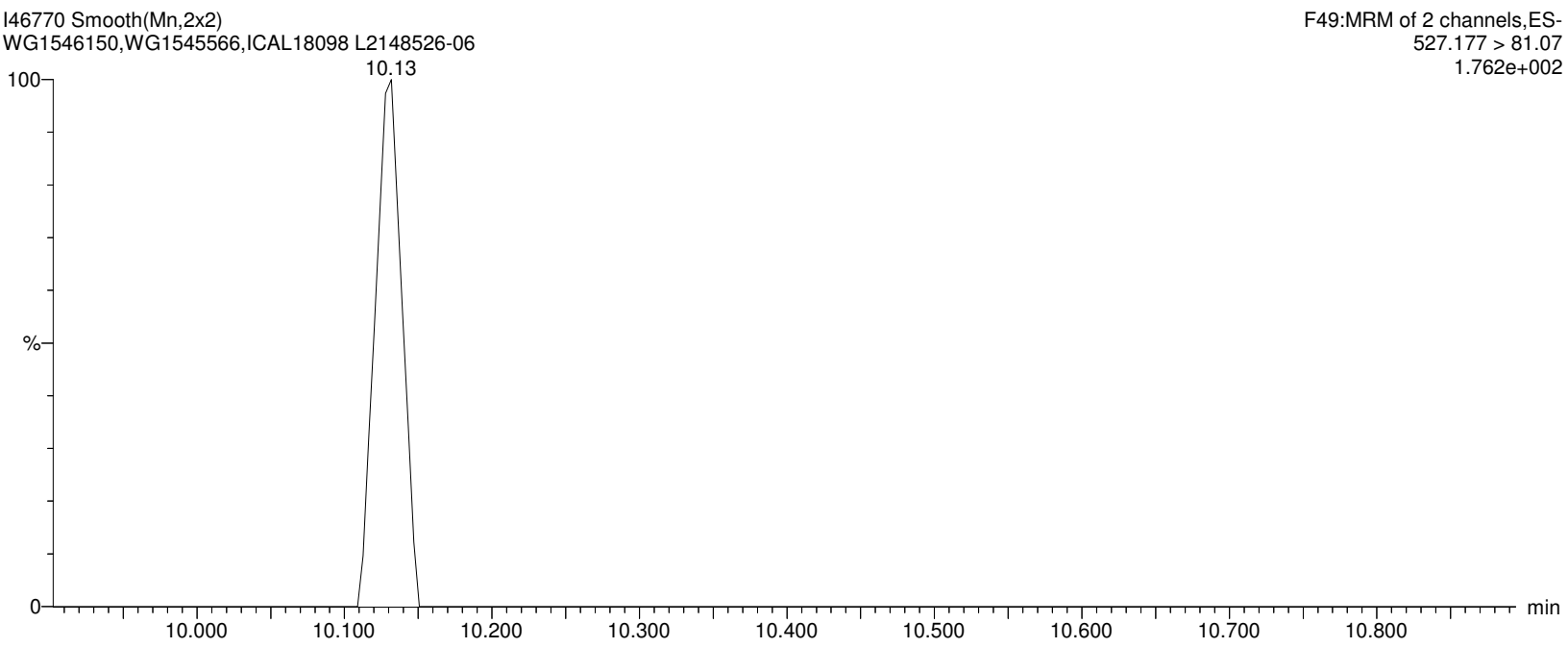
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:08 Eastern Daylight Time

Name: I46770
ID: L2148526-06
Date: 15-Sep-2021
Time: 06:48:36
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

8:2FTS



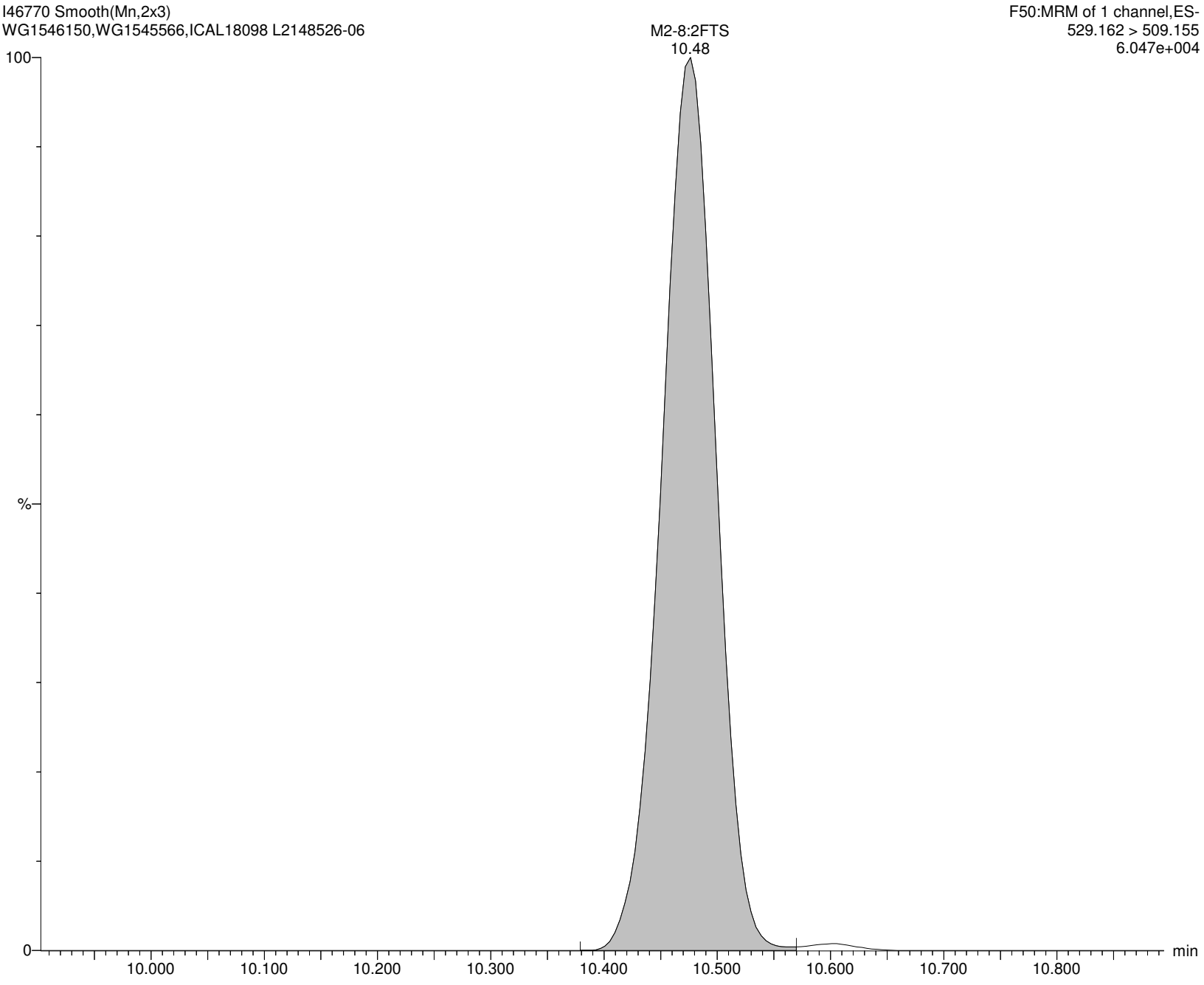


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:08 Eastern Daylight Time

Name: I46770
ID: L2148526-06
Date: 15-Sep-2021
Time: 06:48:36
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-8:2FTS

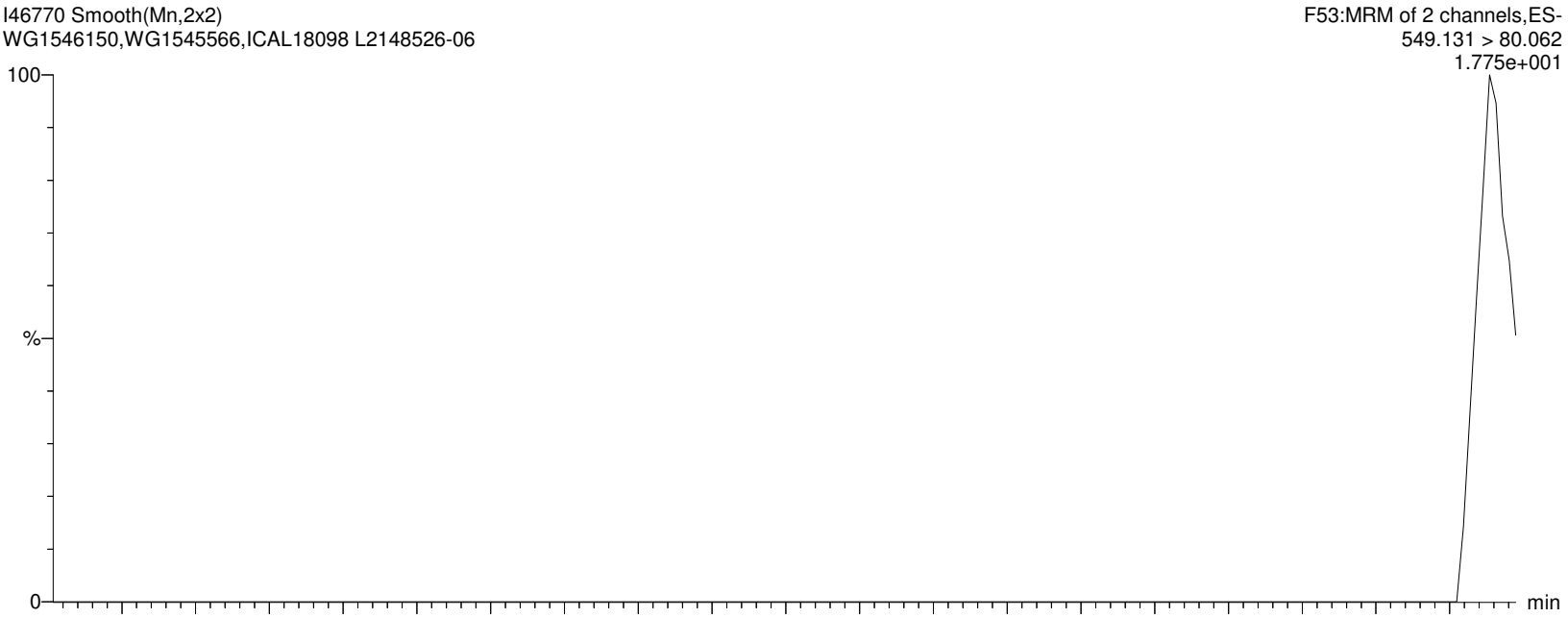


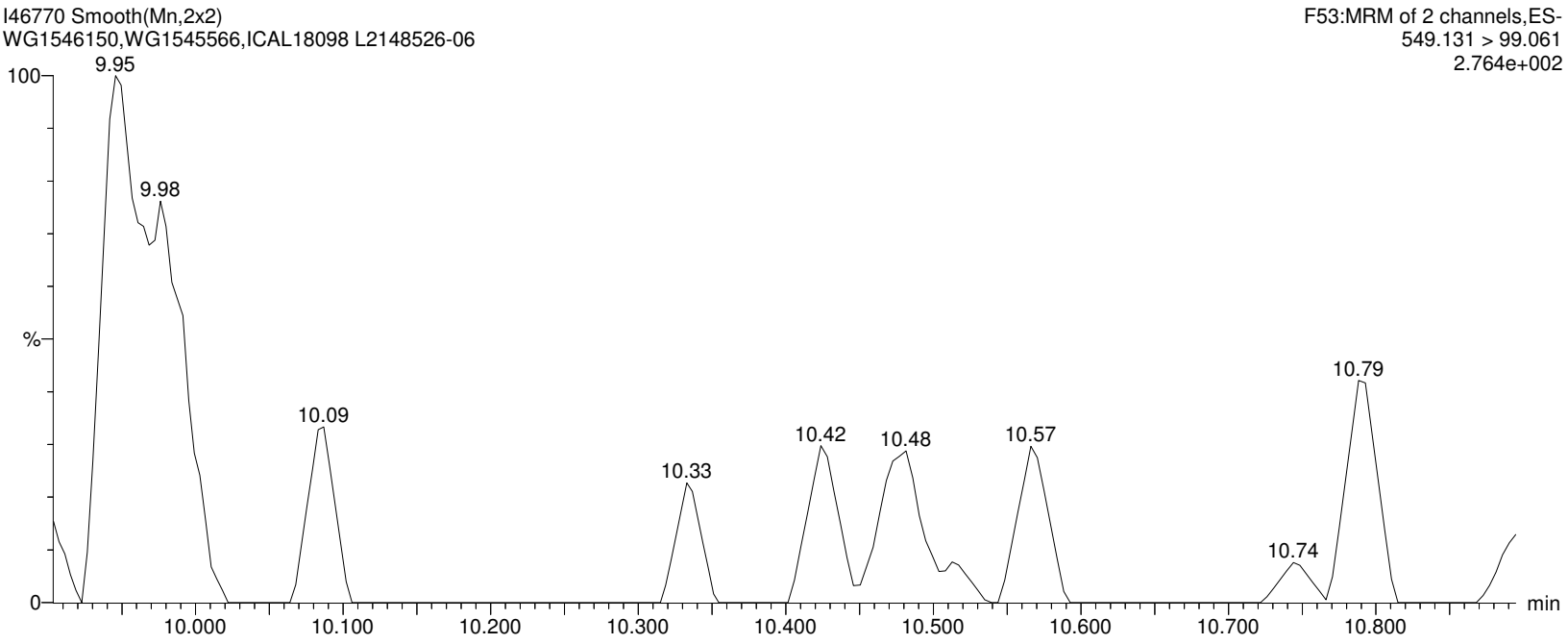
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:08 Eastern Daylight Time

Name: I46770
ID: L2148526-06
Date: 15-Sep-2021
Time: 06:48:36
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNS



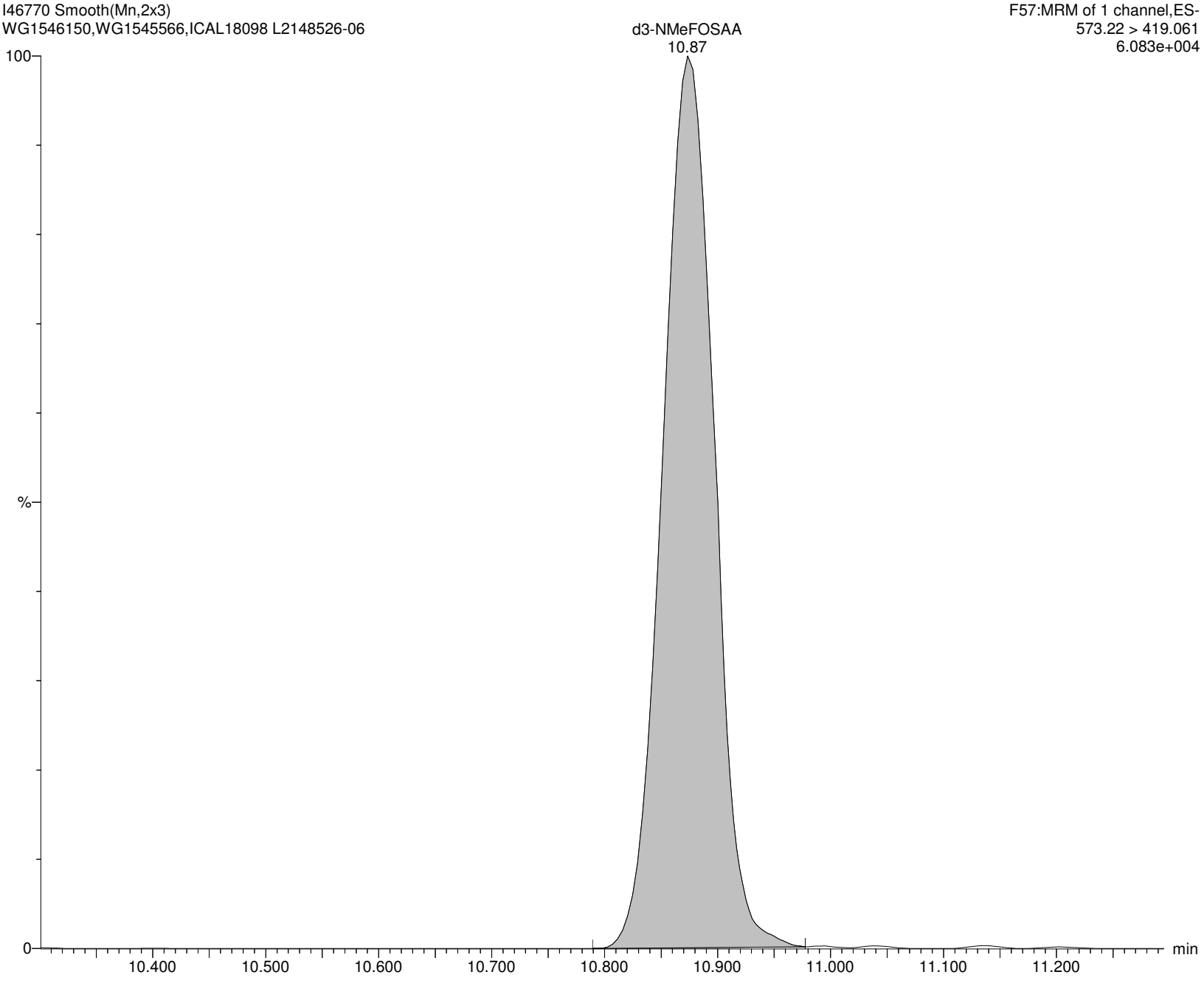


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:08 Eastern Daylight Time

Name: I46770
ID: L2148526-06
Date: 15-Sep-2021
Time: 06:48:36
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSAA

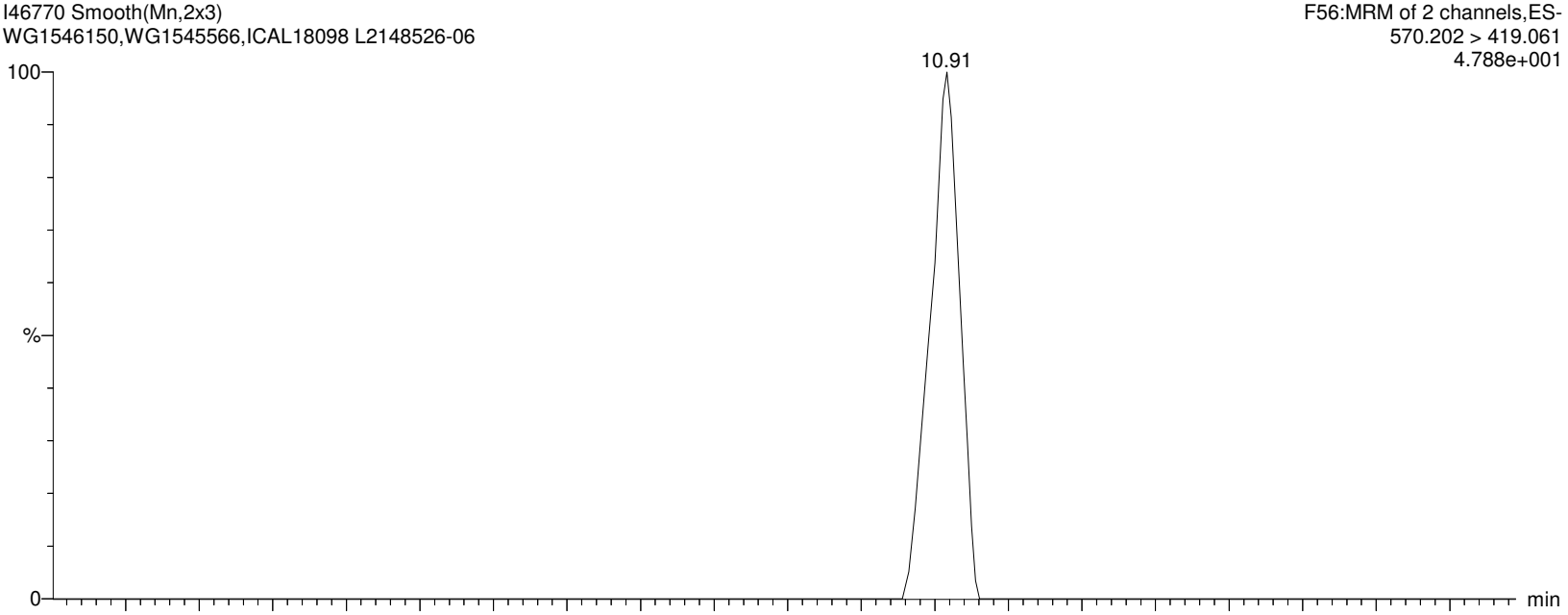


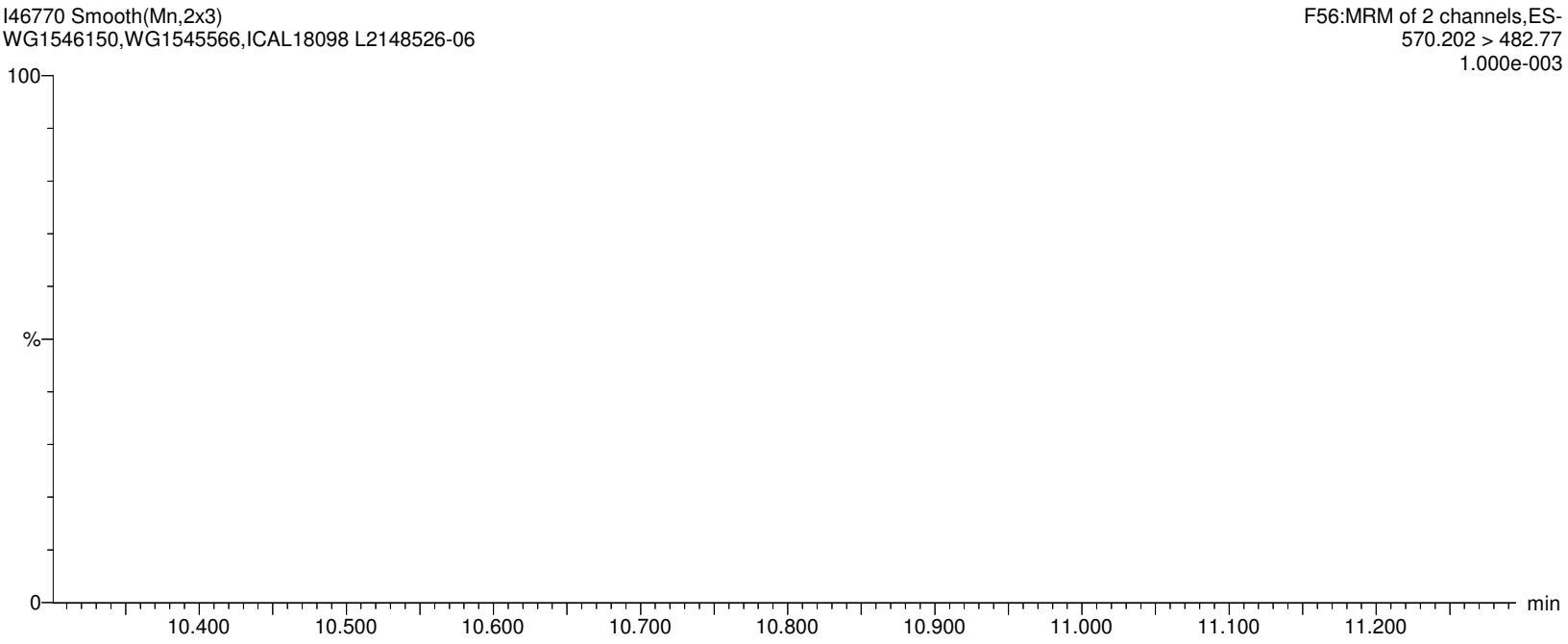
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:08 Eastern Daylight Time

Name: I46770
ID: L2148526-06
Date: 15-Sep-2021
Time: 06:48:36
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NMeFOSAA



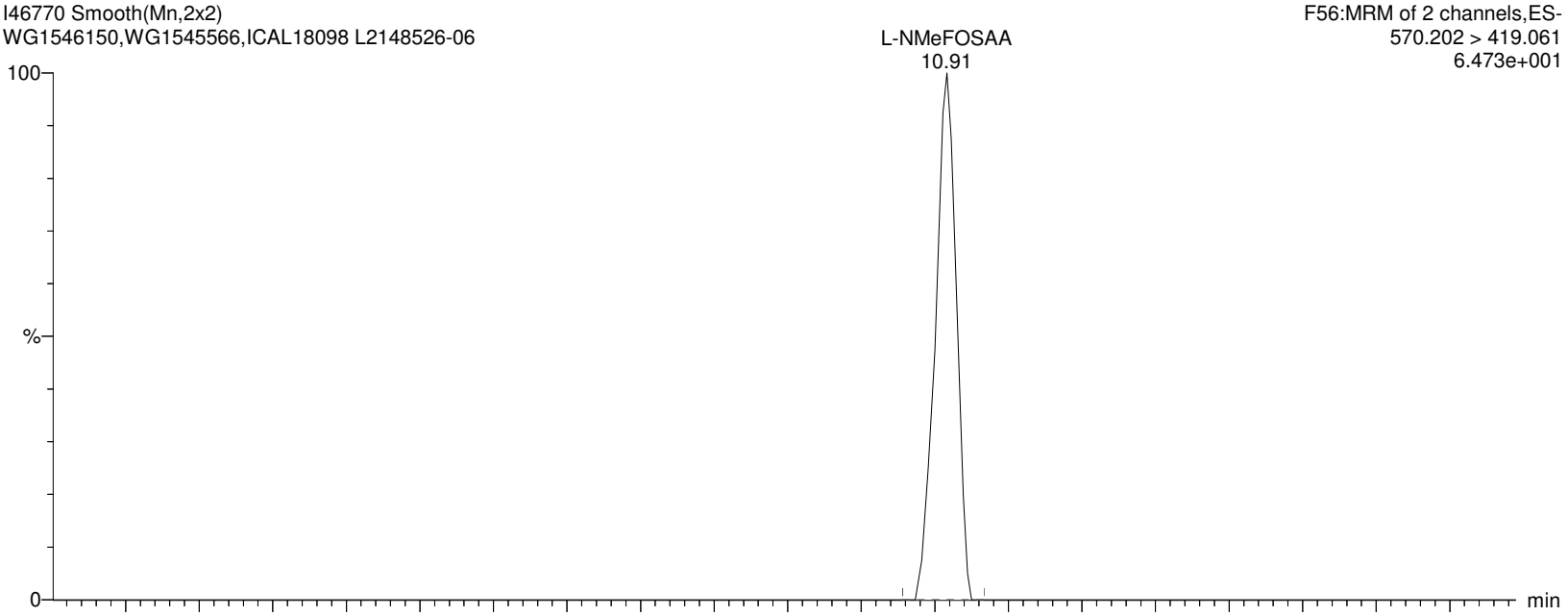


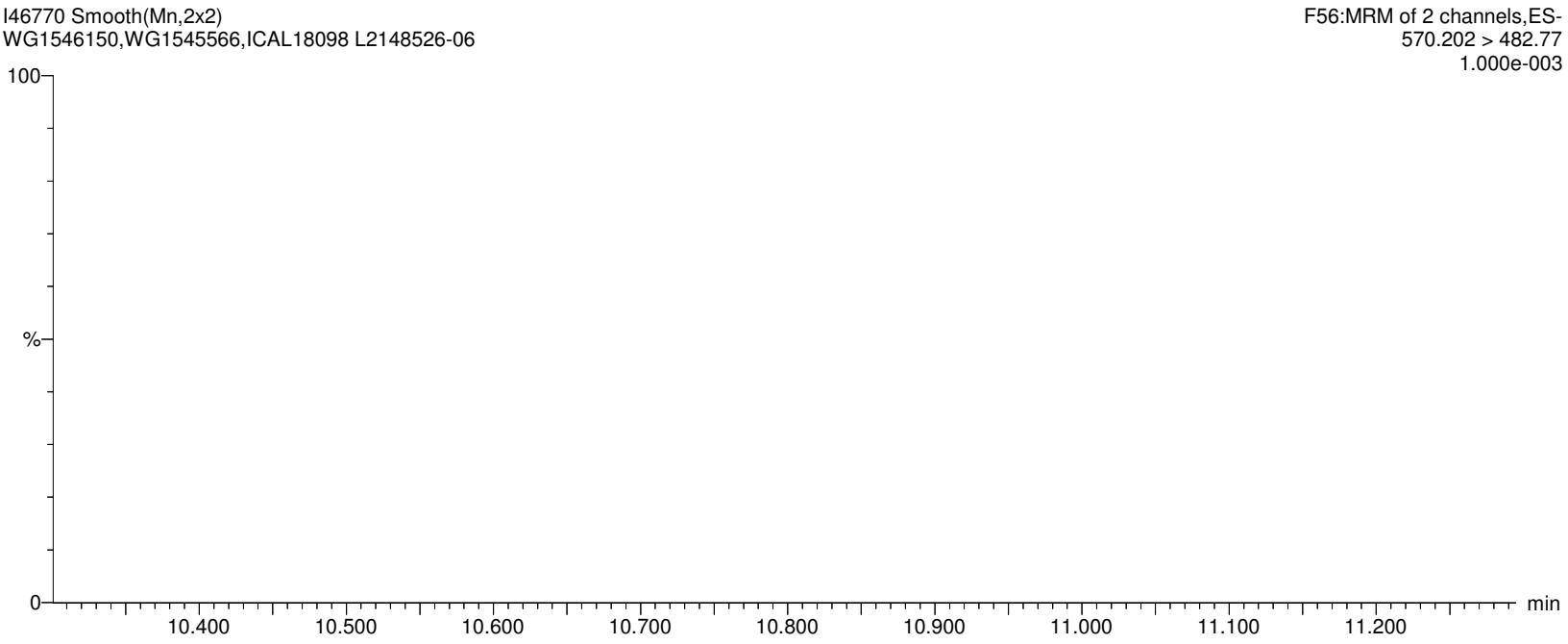
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:08 Eastern Daylight Time

Name: I46770
ID: L2148526-06
Date: 15-Sep-2021
Time: 06:48:36
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NMeFOSAA



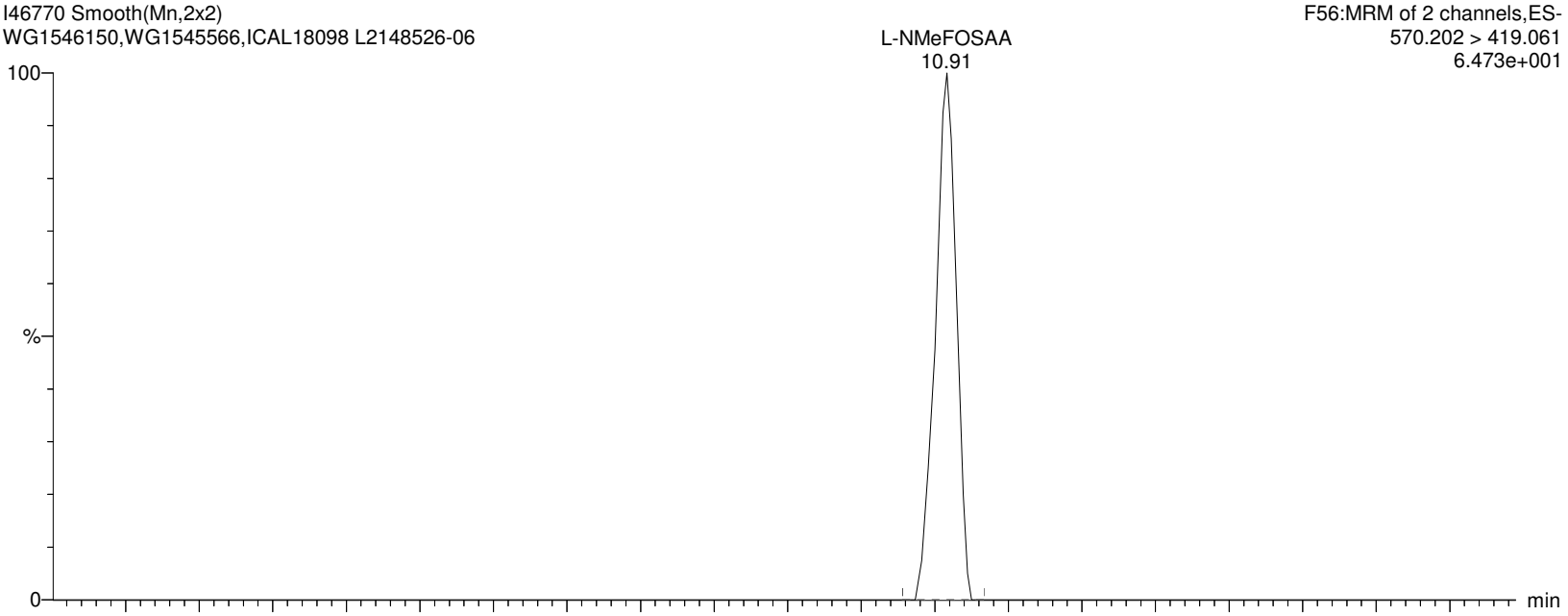


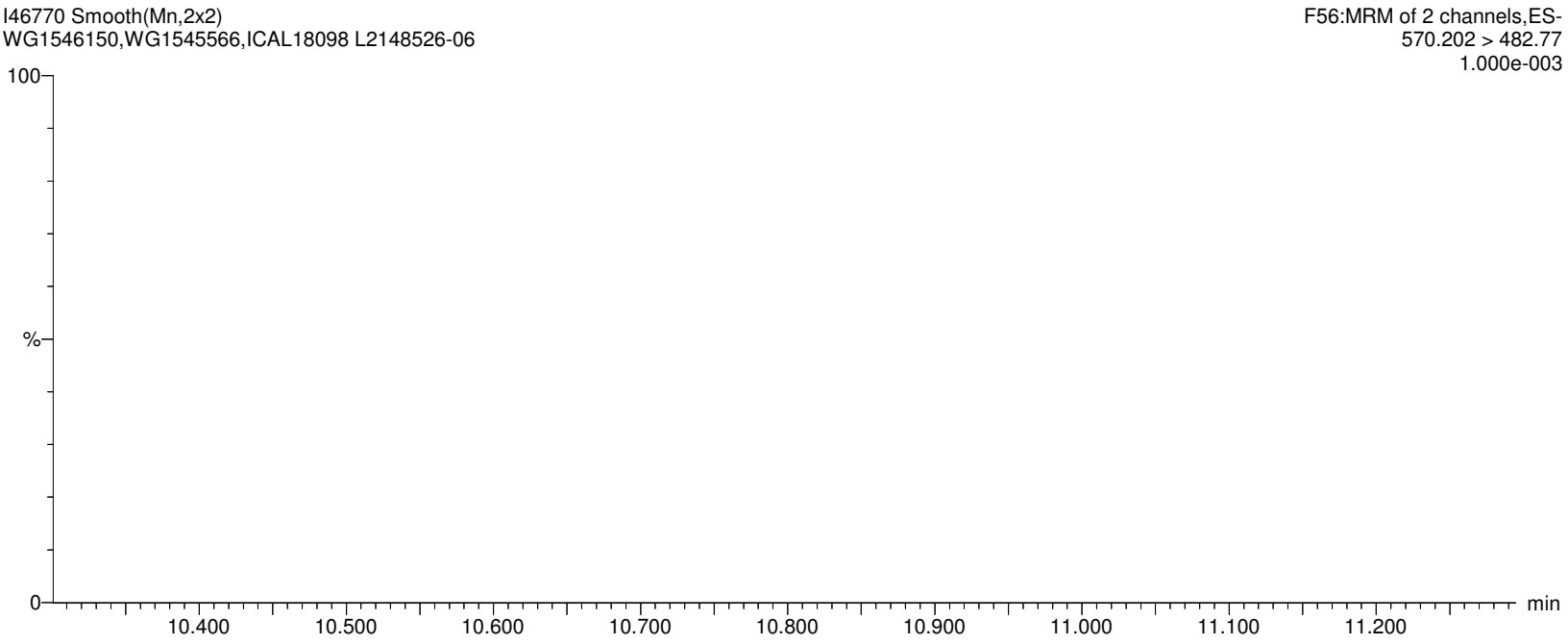
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:08 Eastern Daylight Time

Name: I46770
ID: L2148526-06
Date: 15-Sep-2021
Time: 06:48:36
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSAA



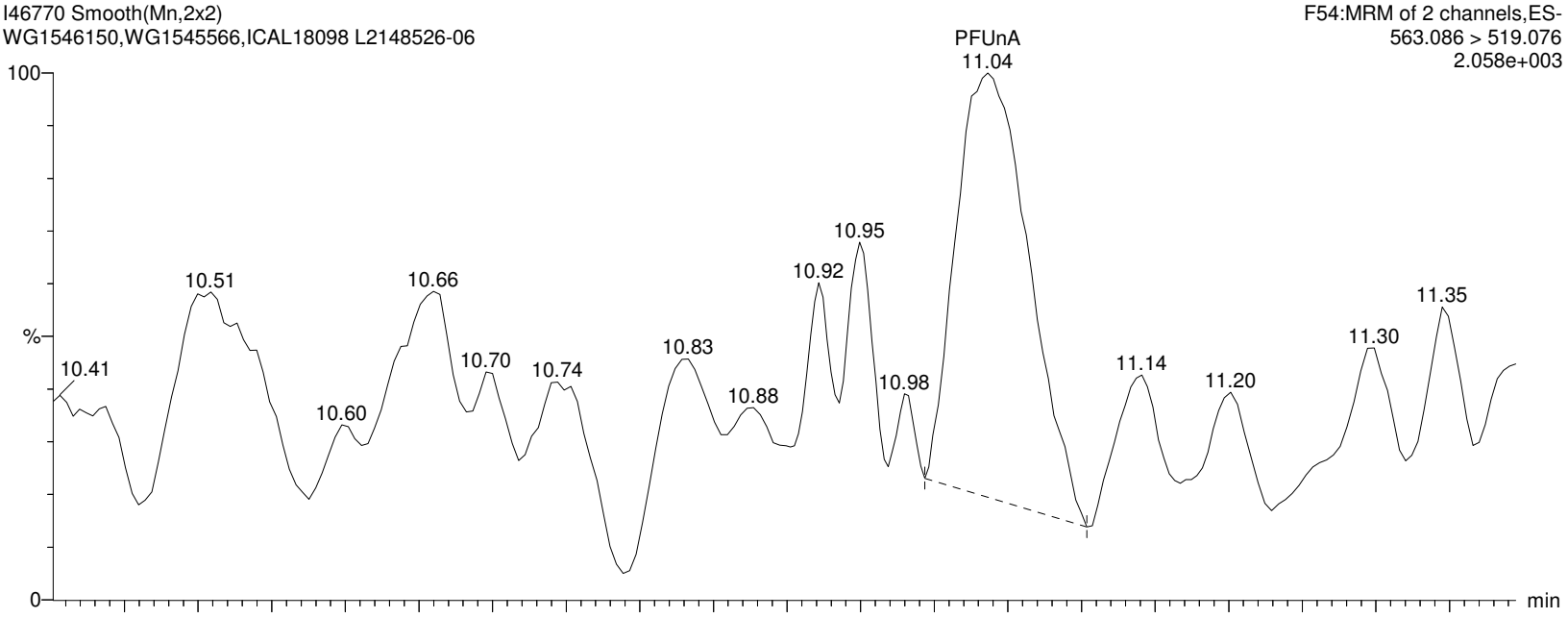


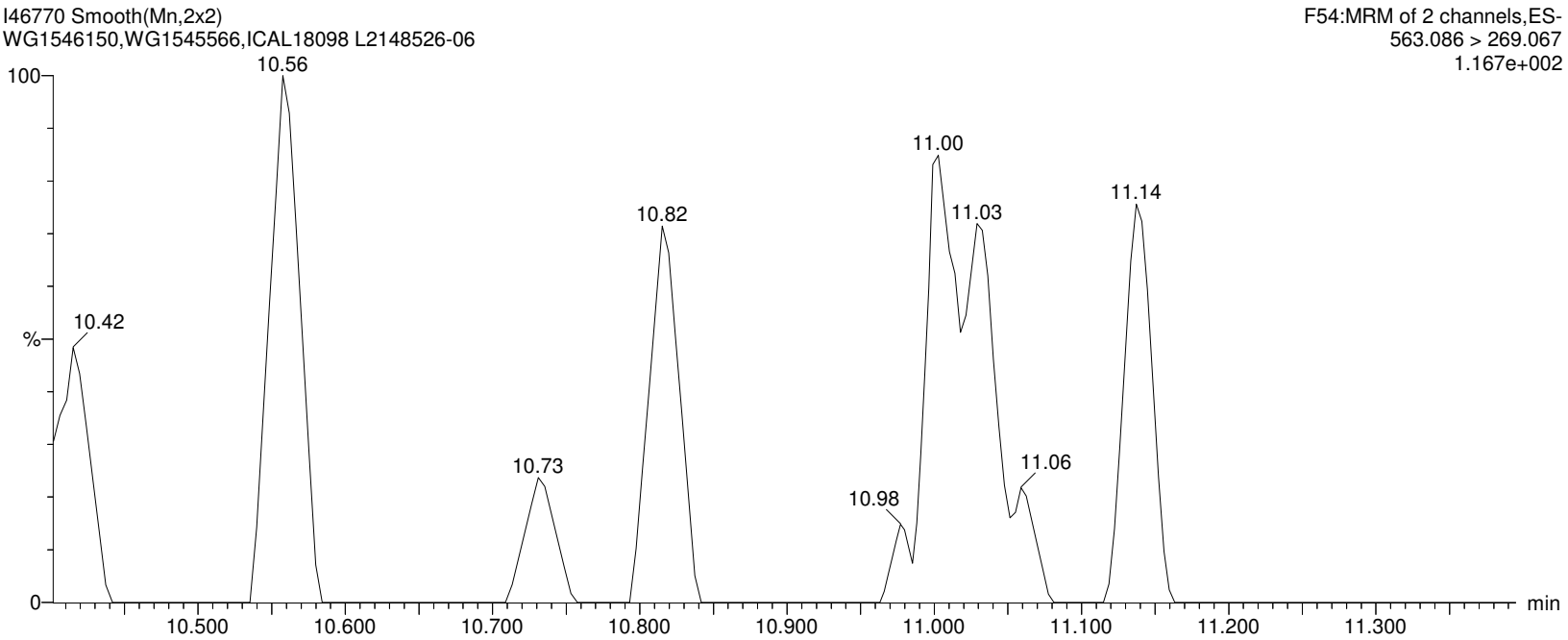
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:08 Eastern Daylight Time

Name: I46770
ID: L2148526-06
Date: 15-Sep-2021
Time: 06:48:36
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFUnA



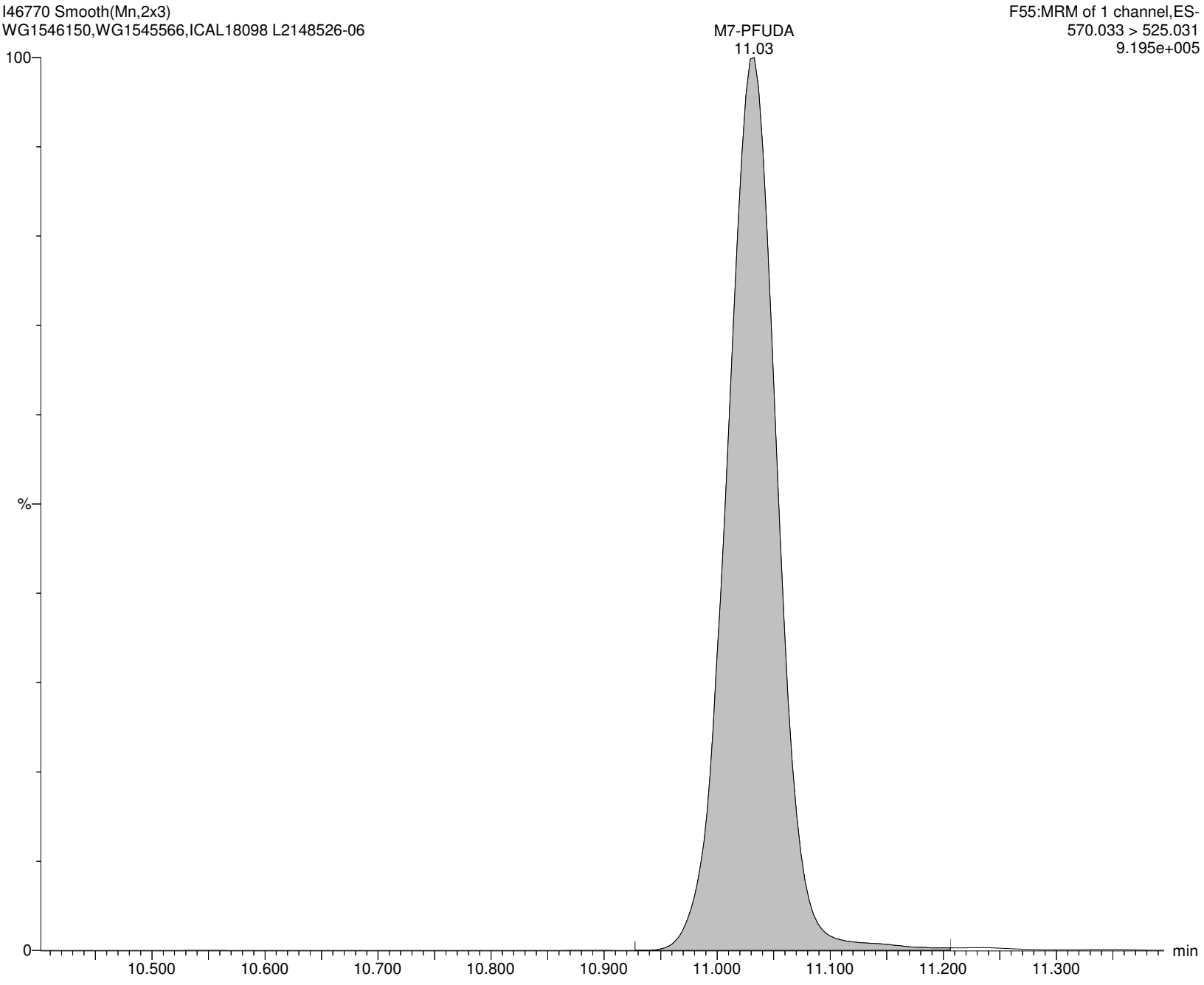


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:08 Eastern Daylight Time

Name: I46770
ID: L2148526-06
Date: 15-Sep-2021
Time: 06:48:36
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M7-PFUDA

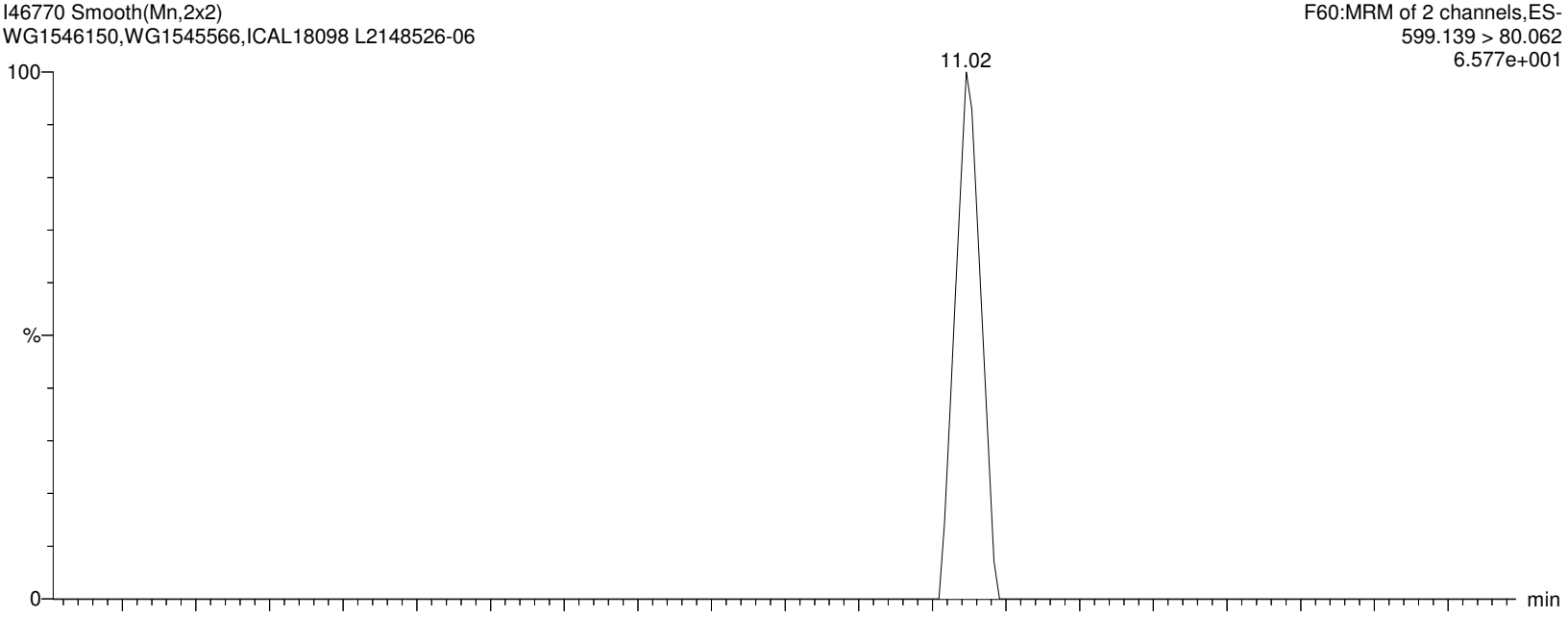


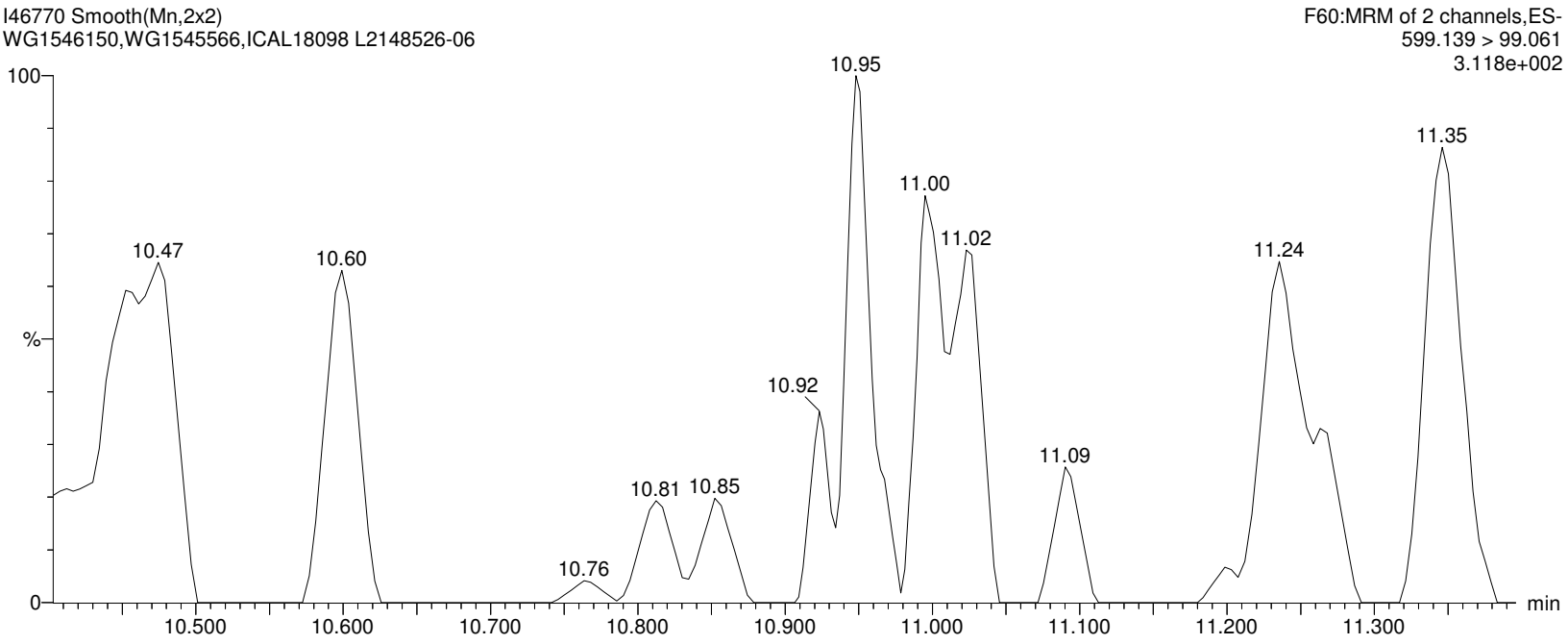
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:08 Eastern Daylight Time

Name: I46770
ID: L2148526-06
Date: 15-Sep-2021
Time: 06:48:36
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDS



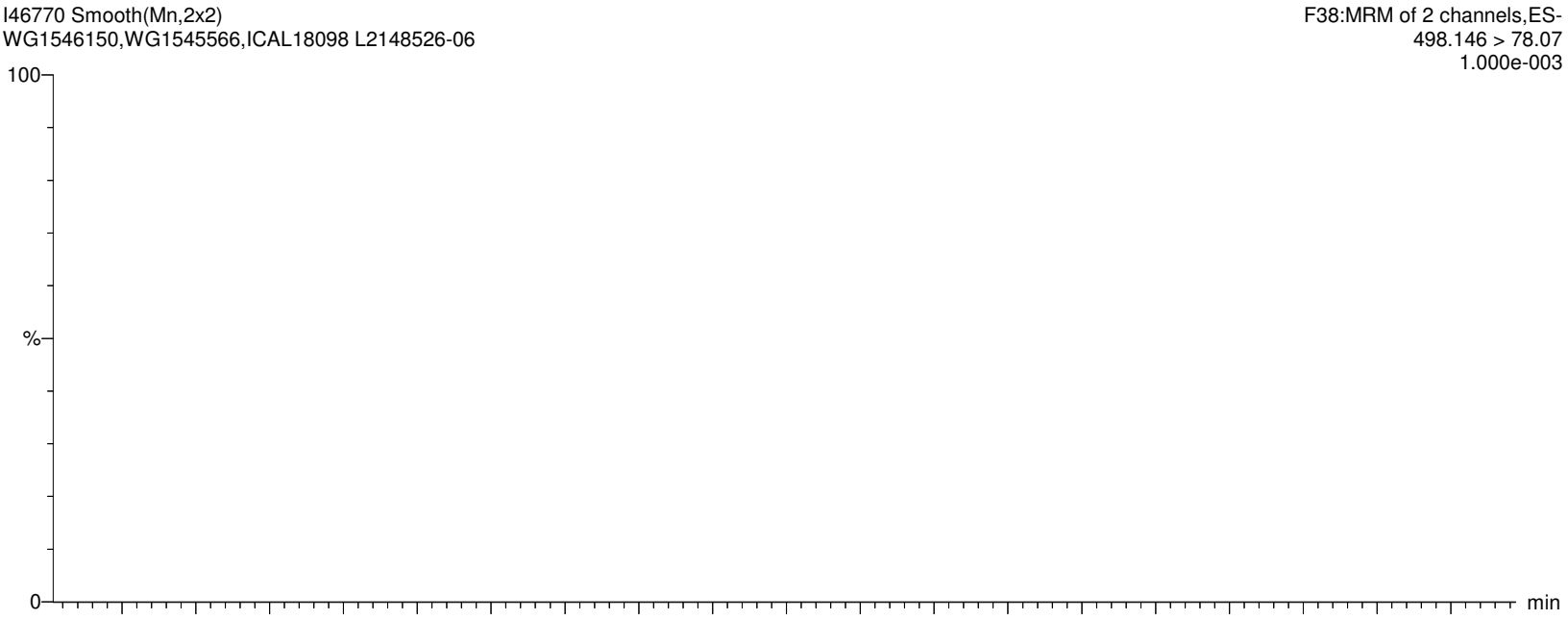


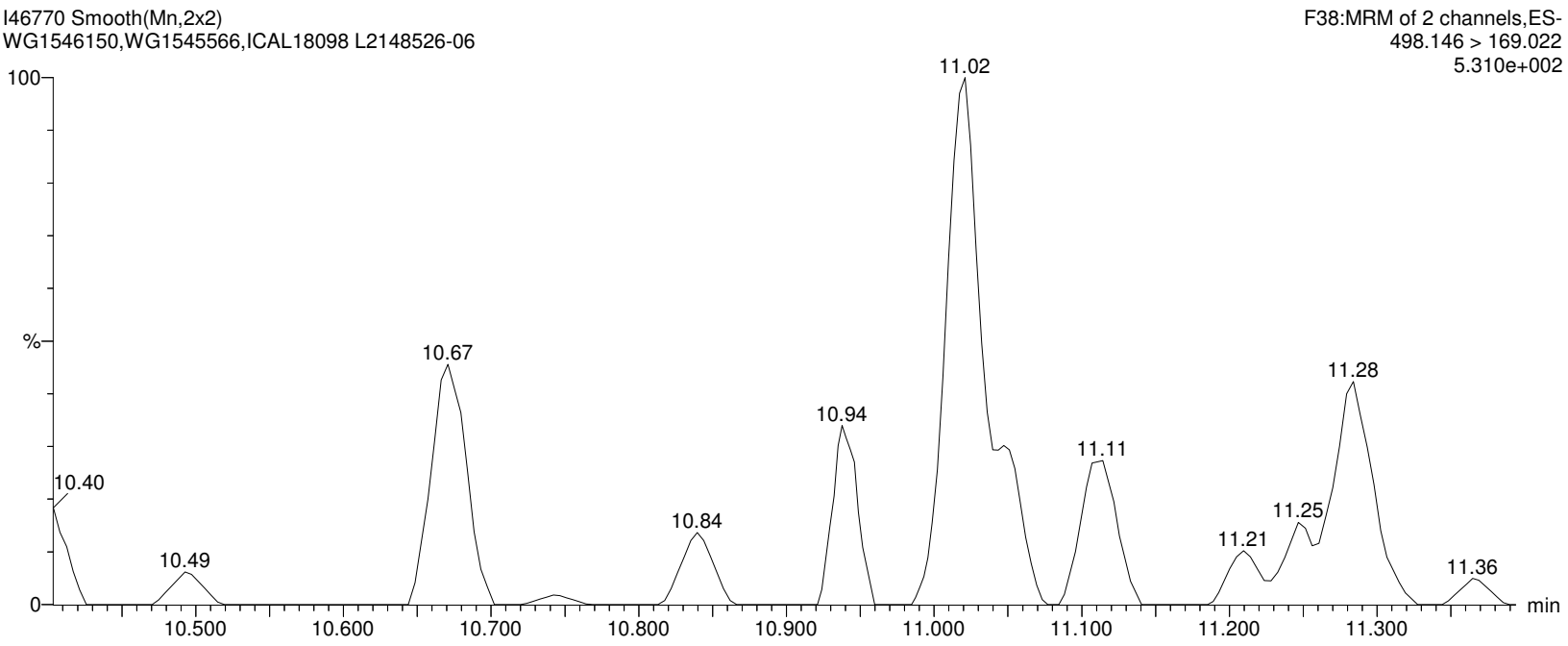
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:08 Eastern Daylight Time

Name: I46770
ID: L2148526-06
Date: 15-Sep-2021
Time: 06:48:36
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

FOSA



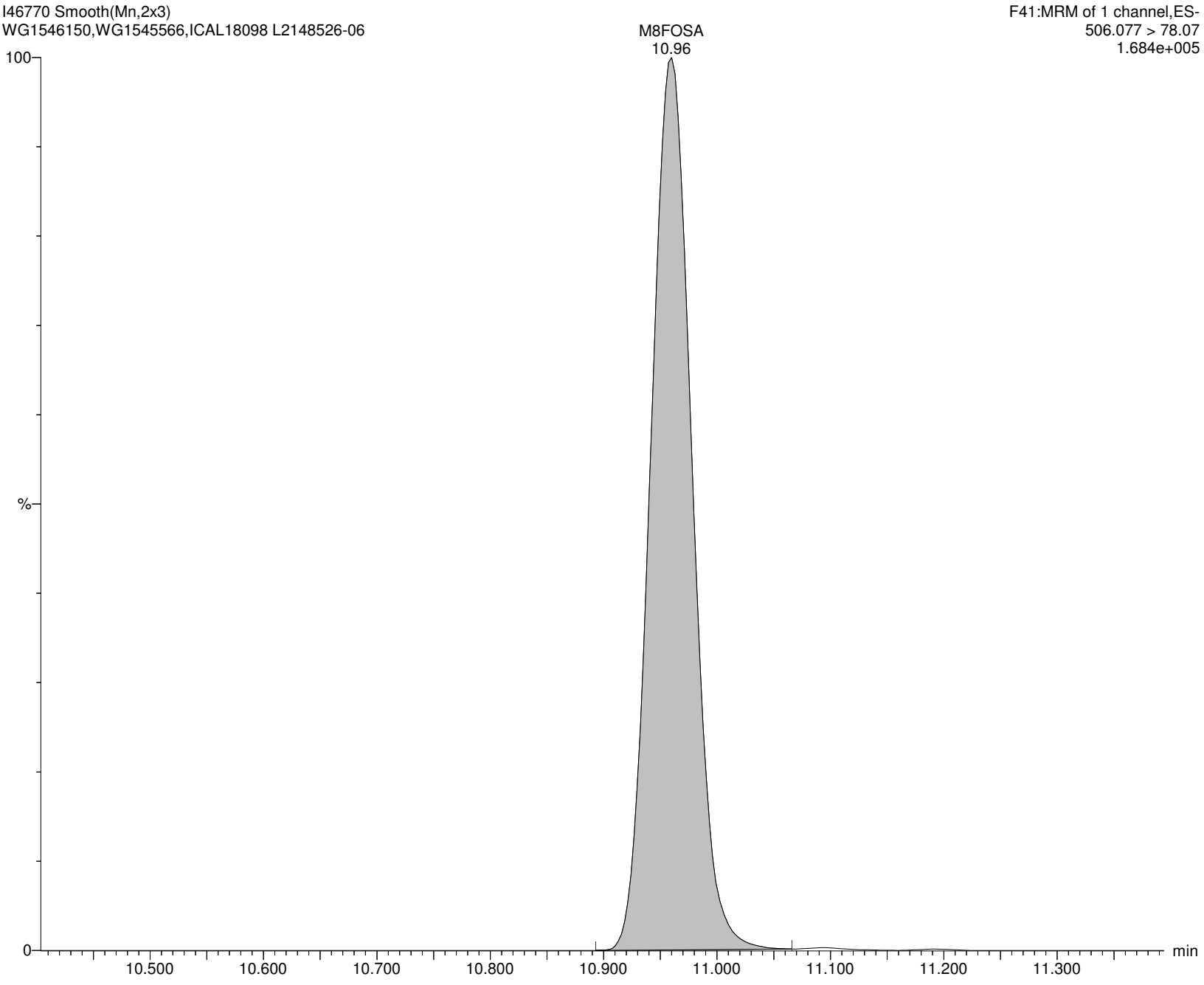


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:08 Eastern Daylight Time

Name: I46770
ID: L2148526-06
Date: 15-Sep-2021
Time: 06:48:36
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8FOSA

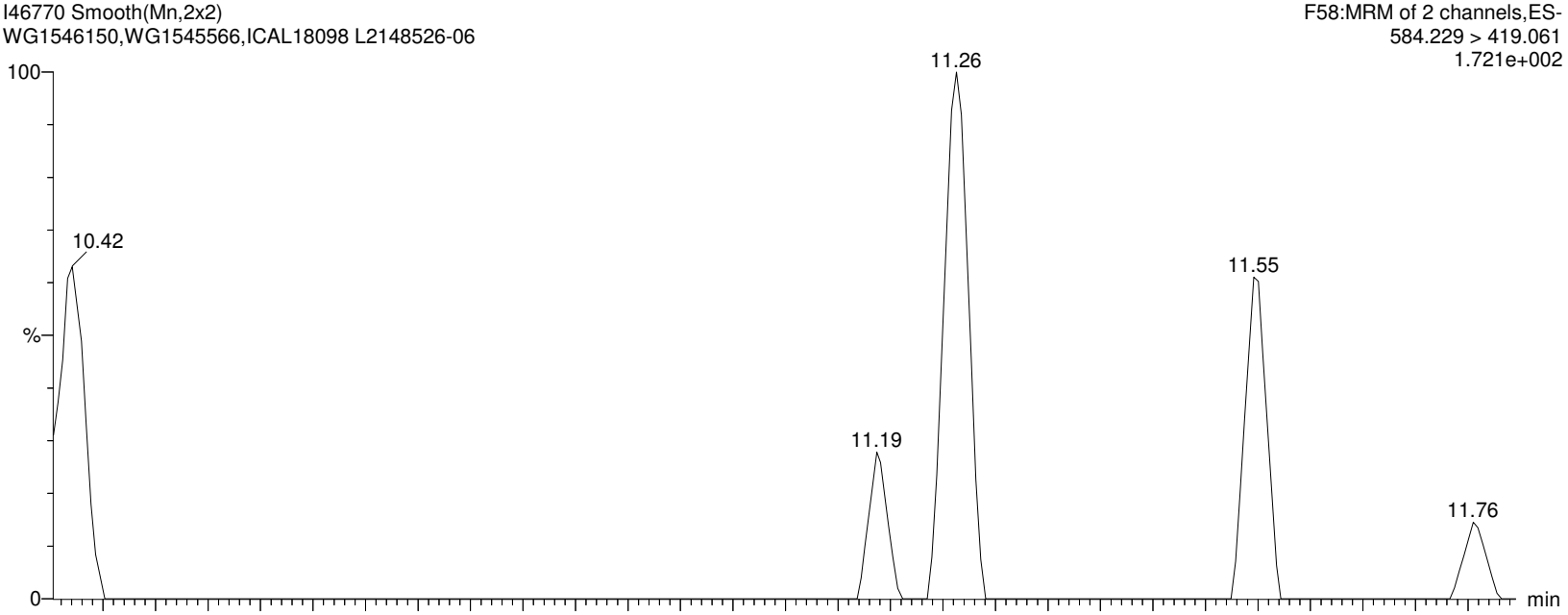


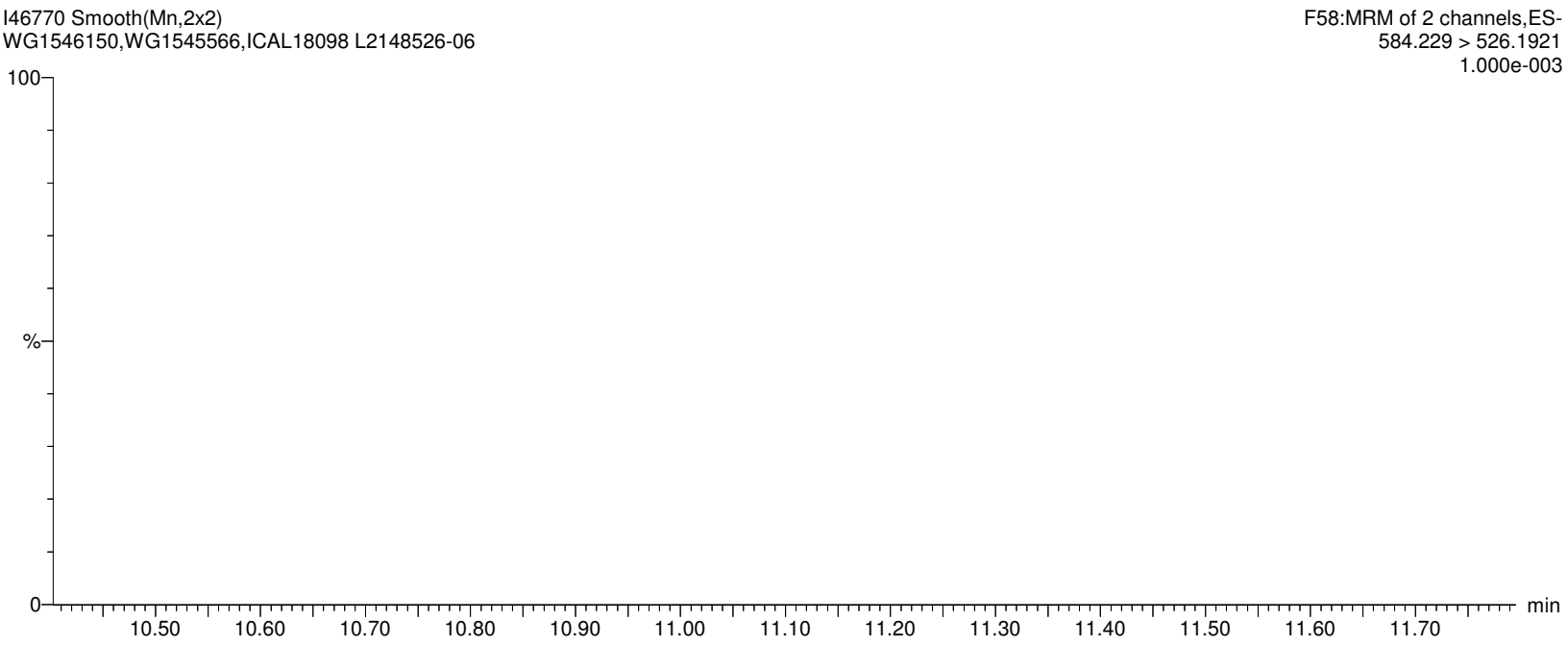
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:08 Eastern Daylight Time

Name: I46770
ID: L2148526-06
Date: 15-Sep-2021
Time: 06:48:36
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NEtFOSAA



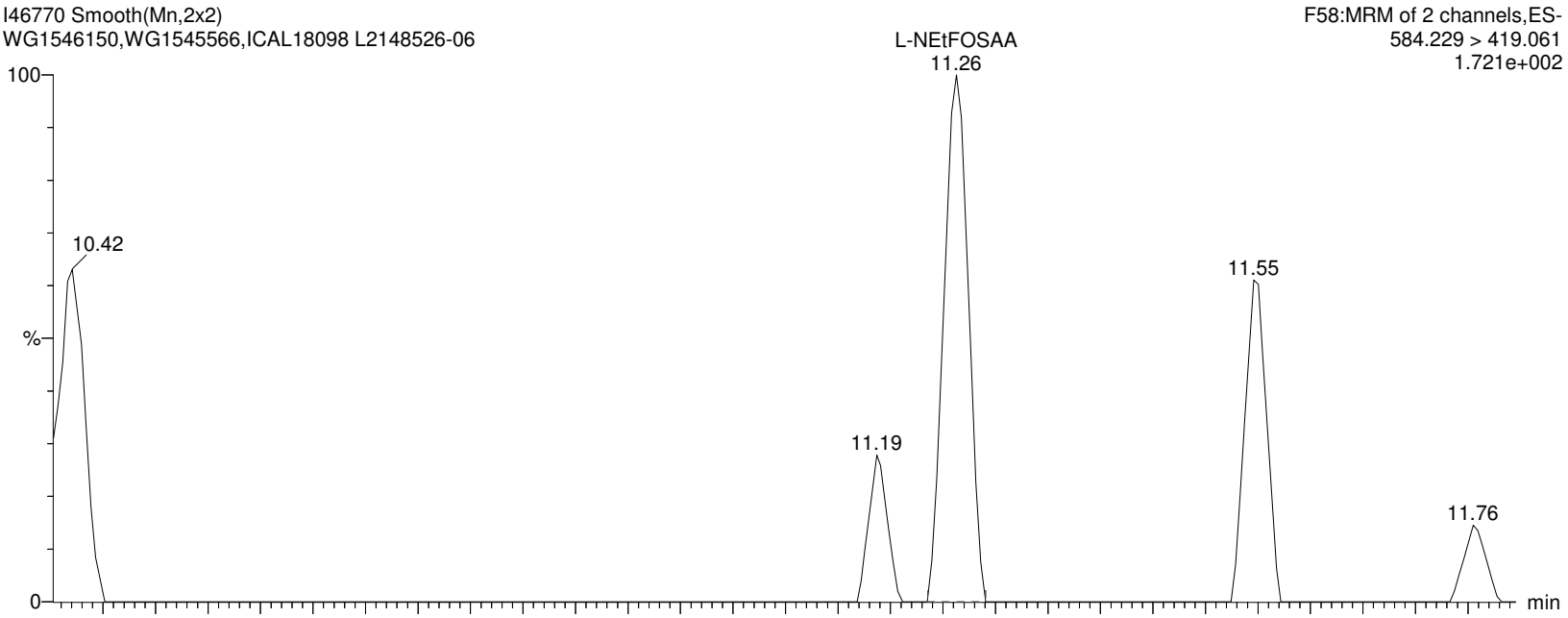


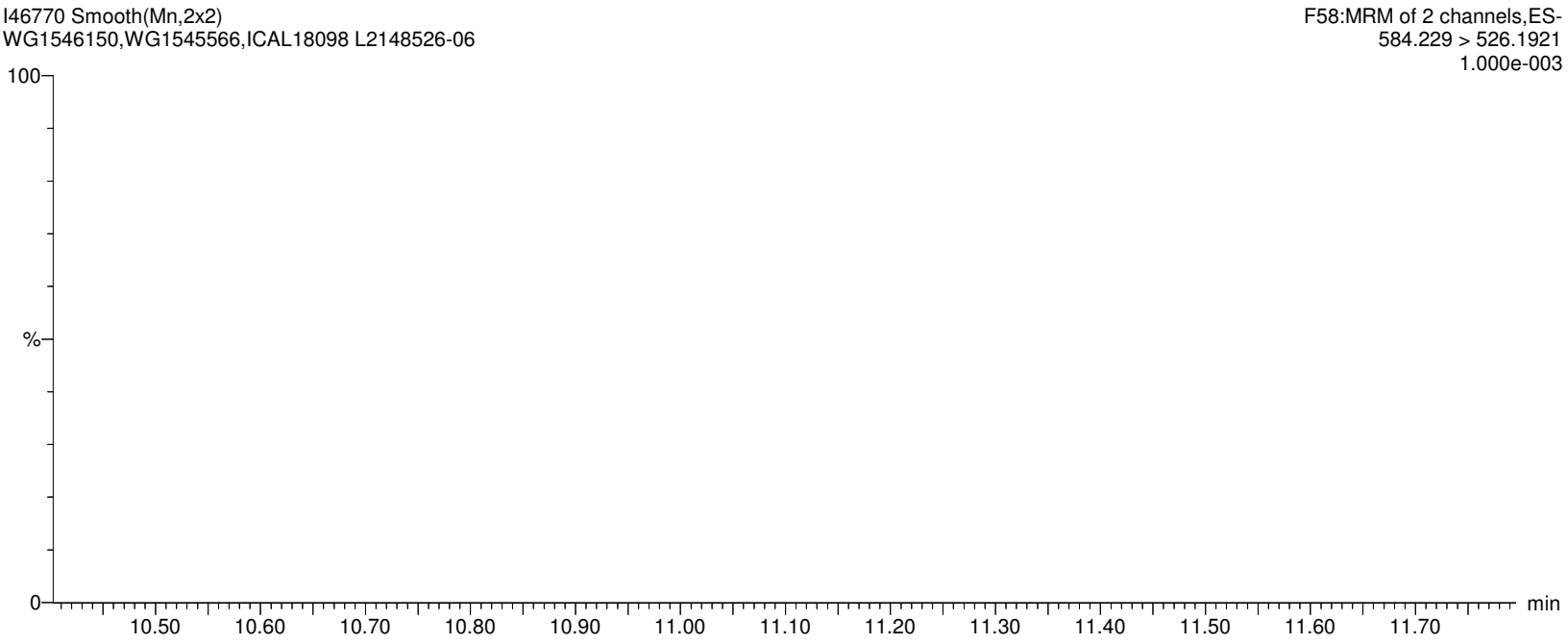
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:08 Eastern Daylight Time

Name: I46770
ID: L2148526-06
Date: 15-Sep-2021
Time: 06:48:36
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NEtFOSAA



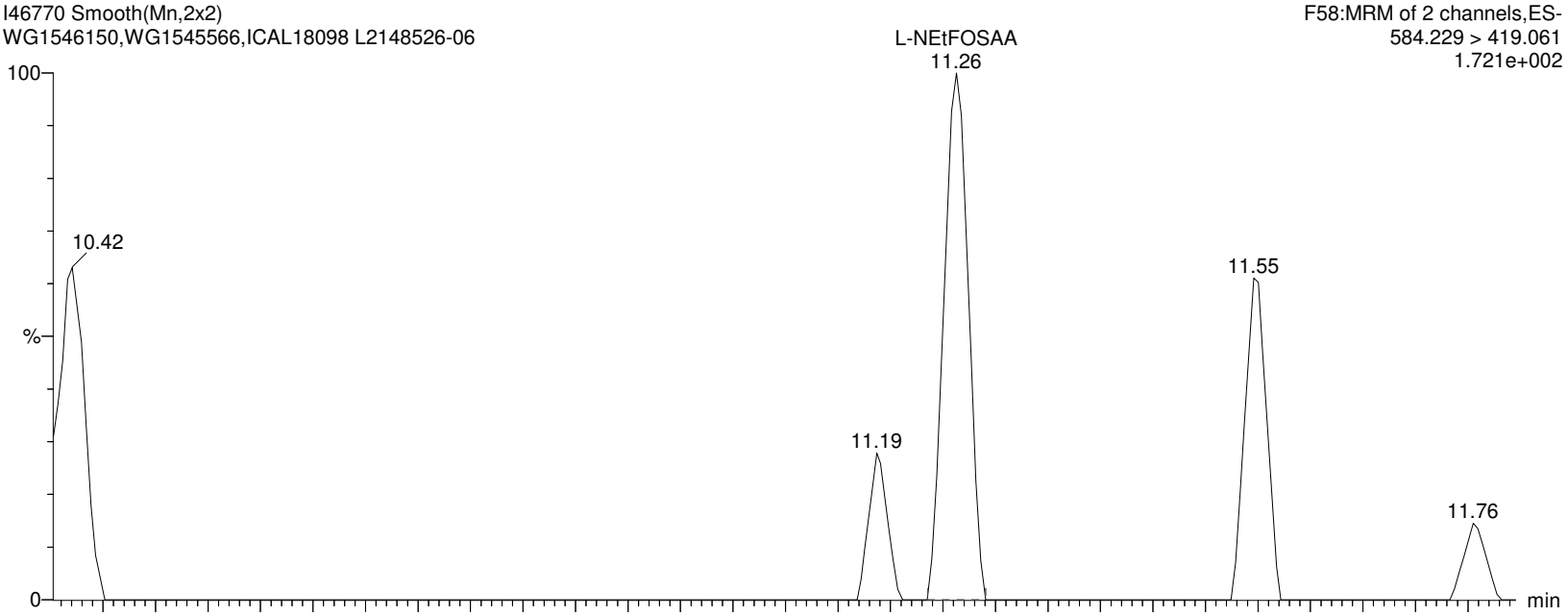


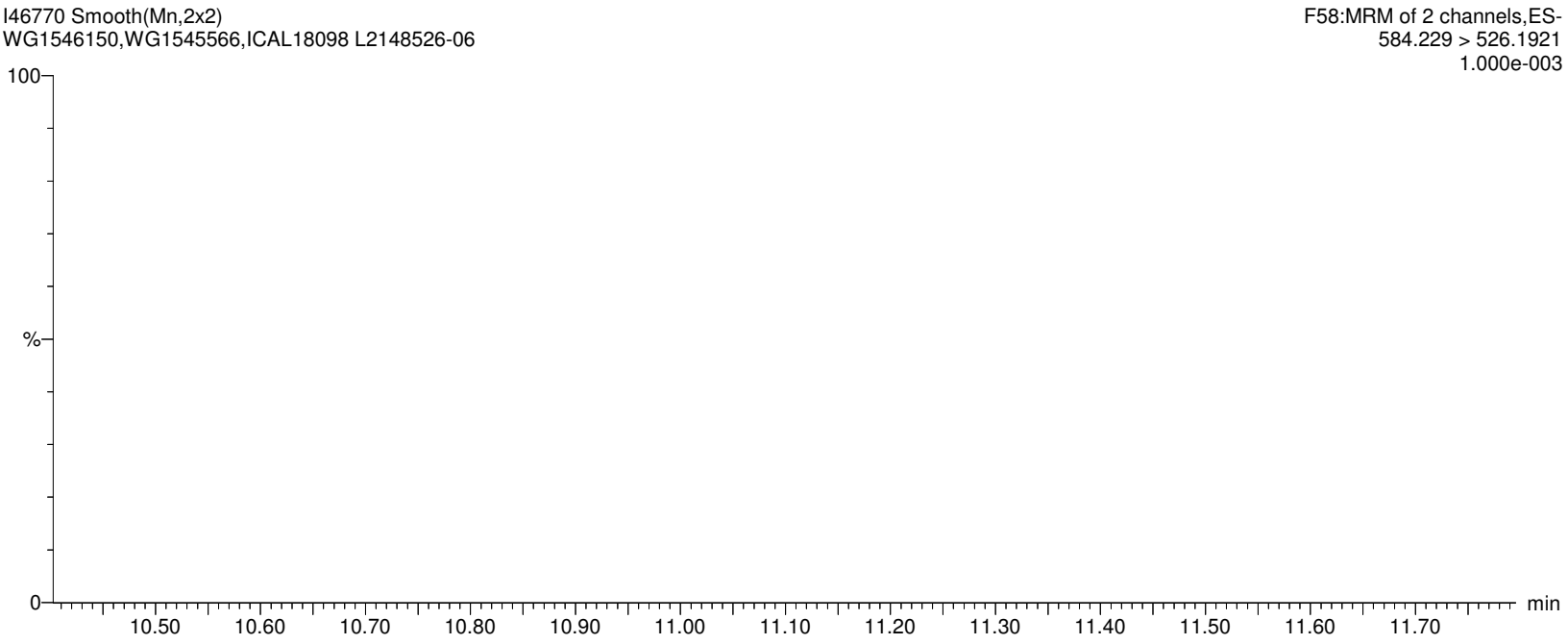
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:08 Eastern Daylight Time

Name: I46770
ID: L2148526-06
Date: 15-Sep-2021
Time: 06:48:36
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSAA



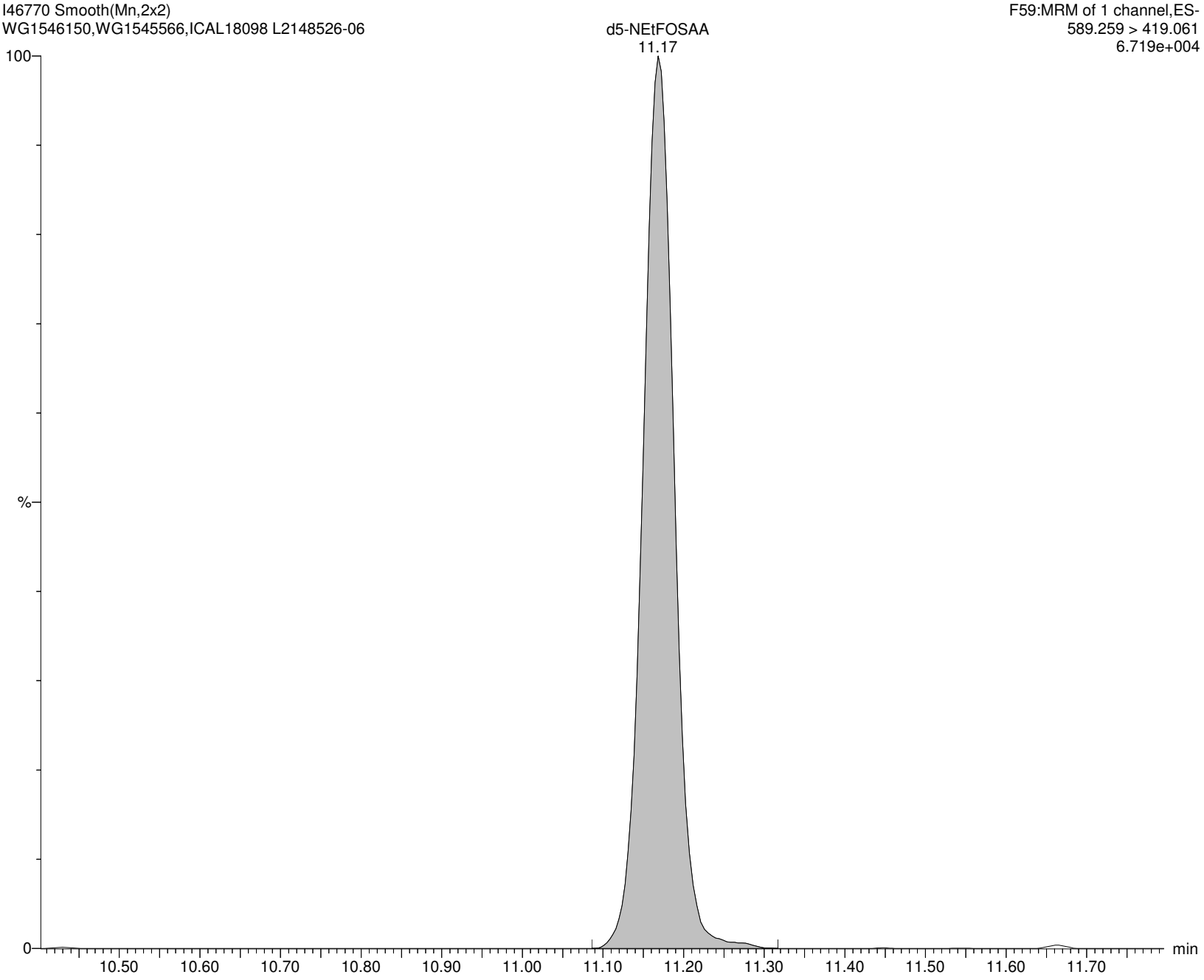


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:08 Eastern Daylight Time

Name: I46770
ID: L2148526-06
Date: 15-Sep-2021
Time: 06:48:36
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSAA

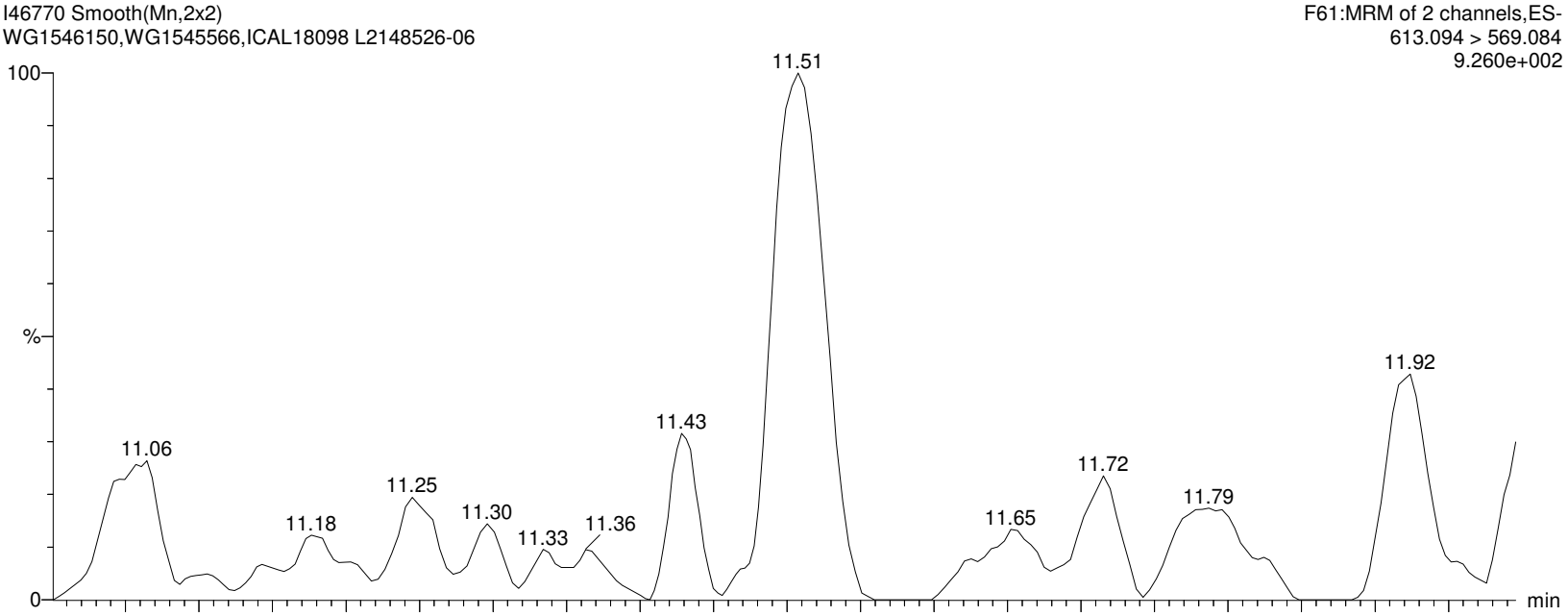


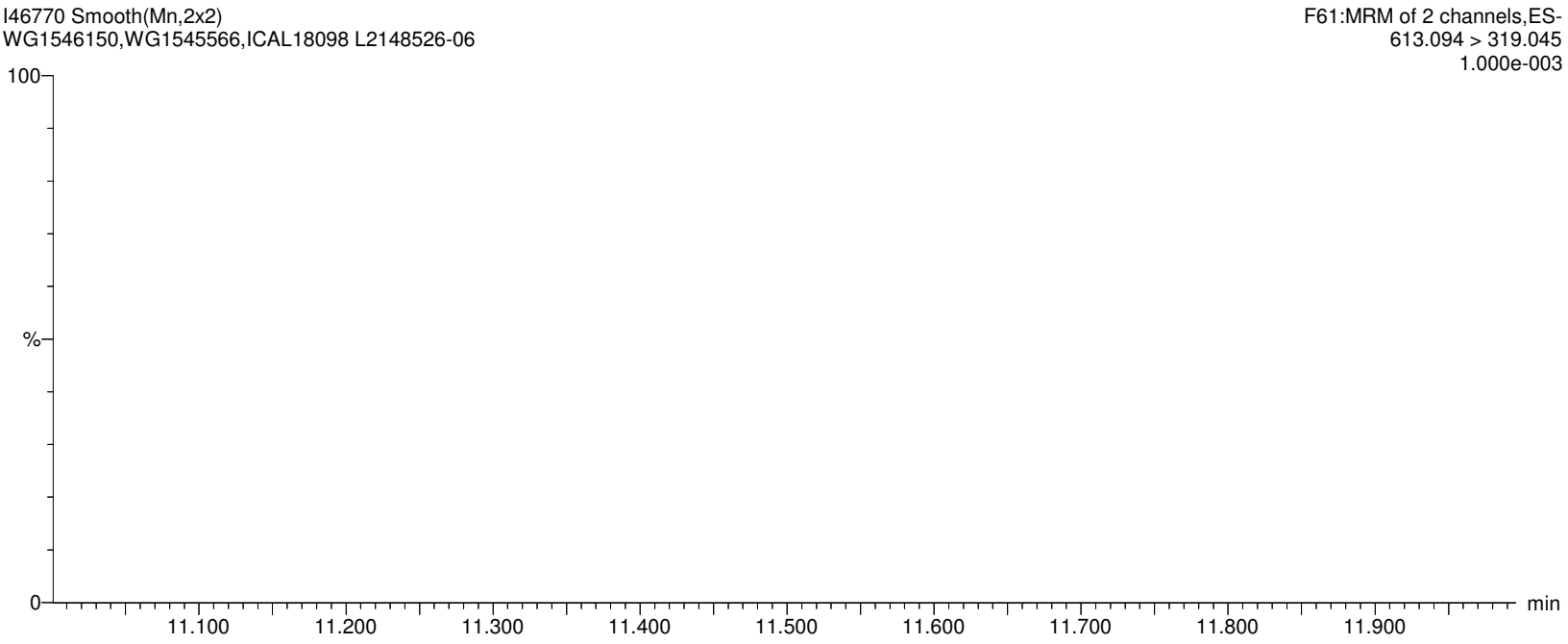
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:08 Eastern Daylight Time

Name: I46770
ID: L2148526-06
Date: 15-Sep-2021
Time: 06:48:36
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoA



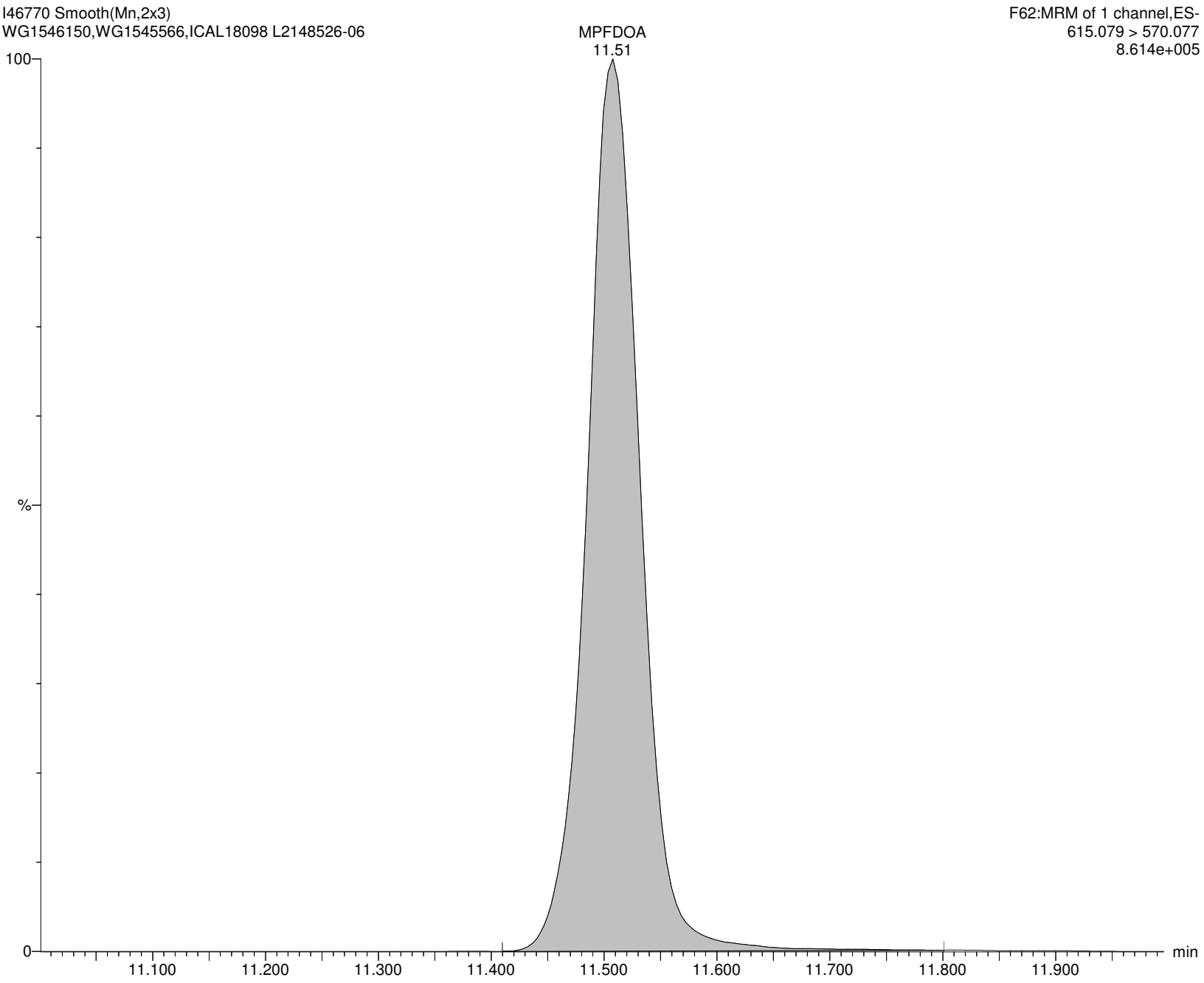


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:08 Eastern Daylight Time

Name: I46770
ID: L2148526-06
Date: 15-Sep-2021
Time: 06:48:36
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFDOA

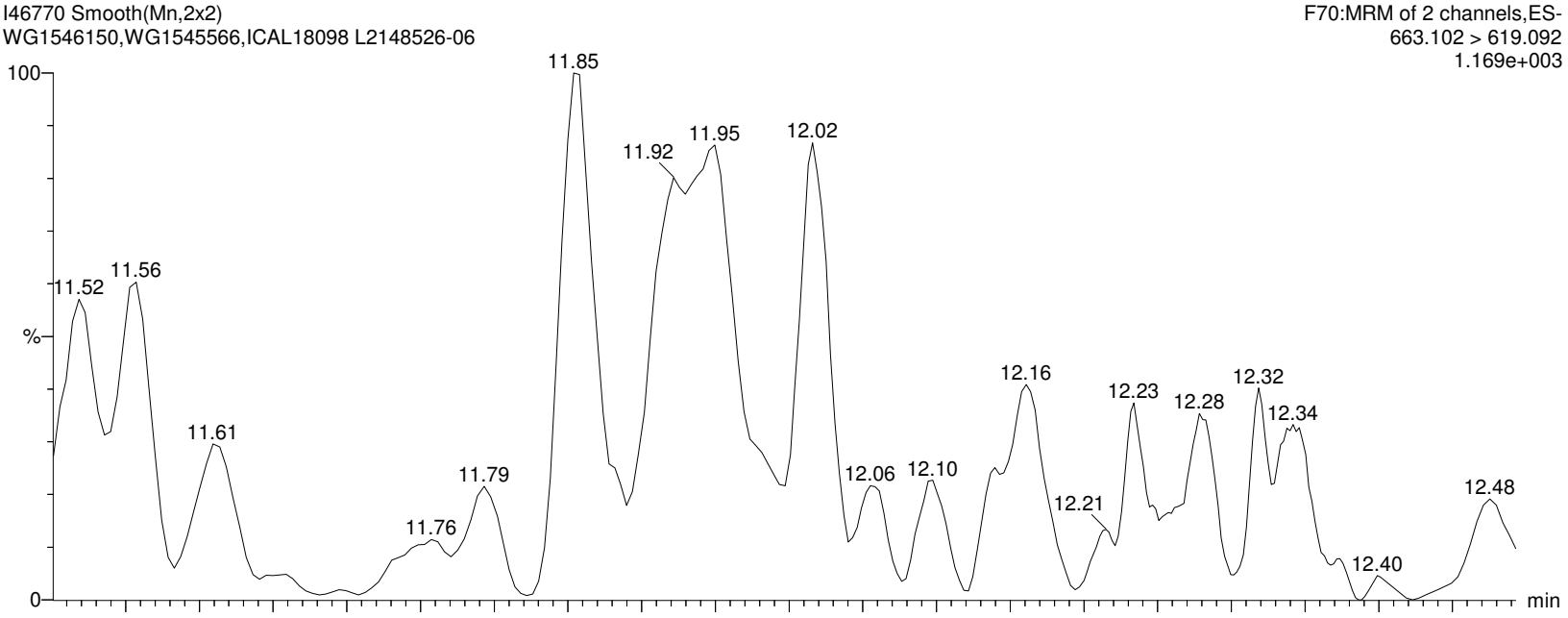


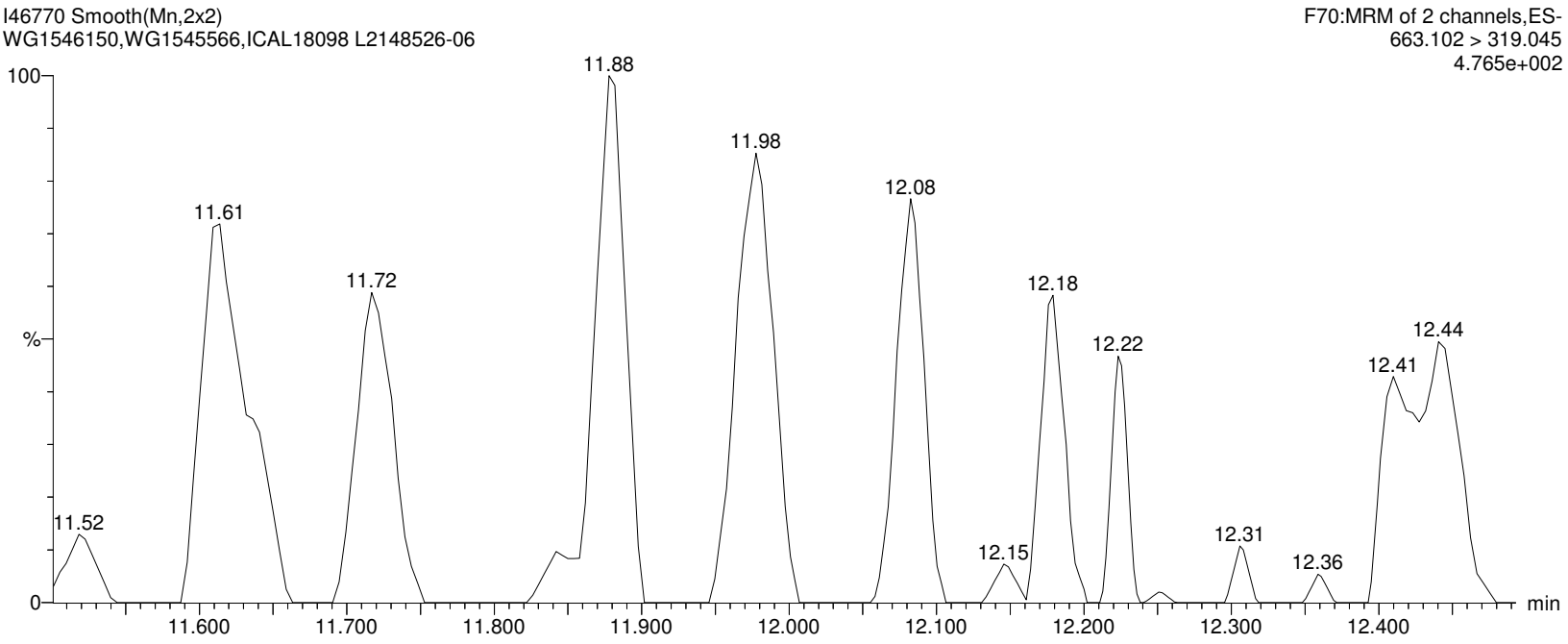
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:08 Eastern Daylight Time

Name: I46770
ID: L2148526-06
Date: 15-Sep-2021
Time: 06:48:36
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTrDA



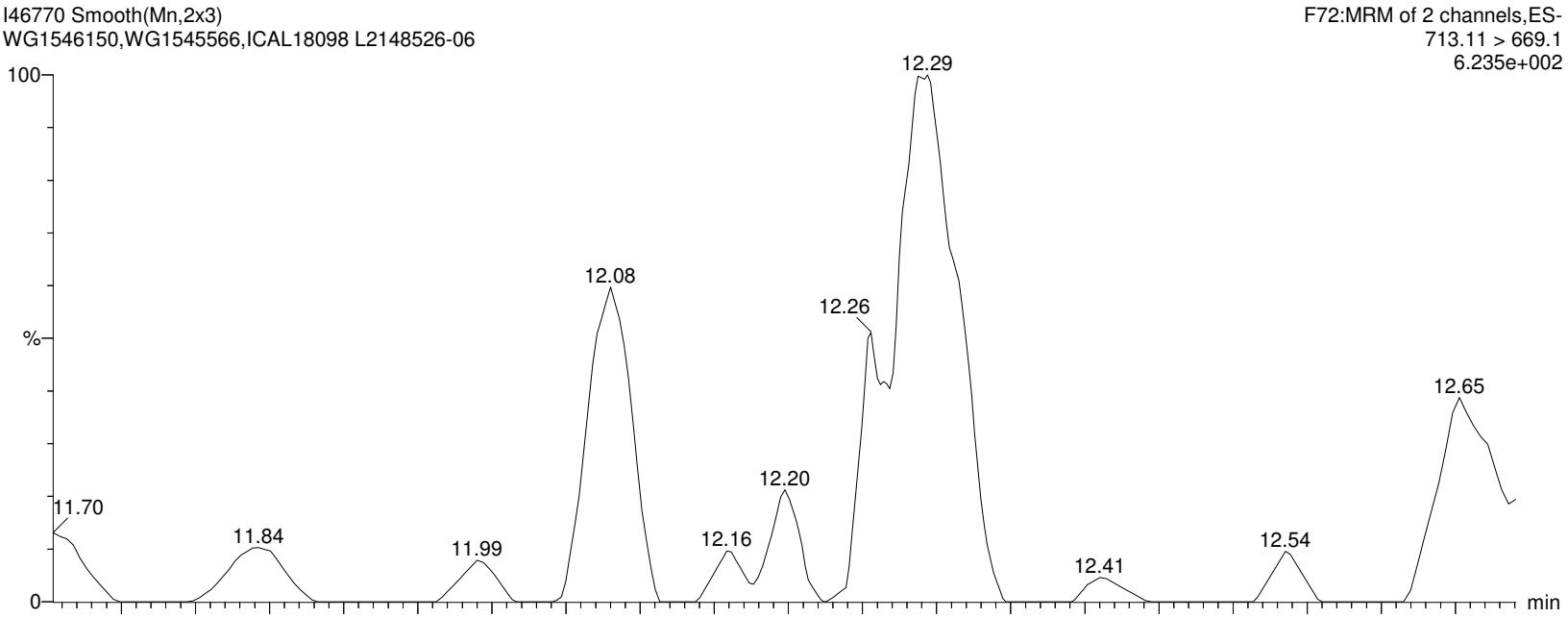


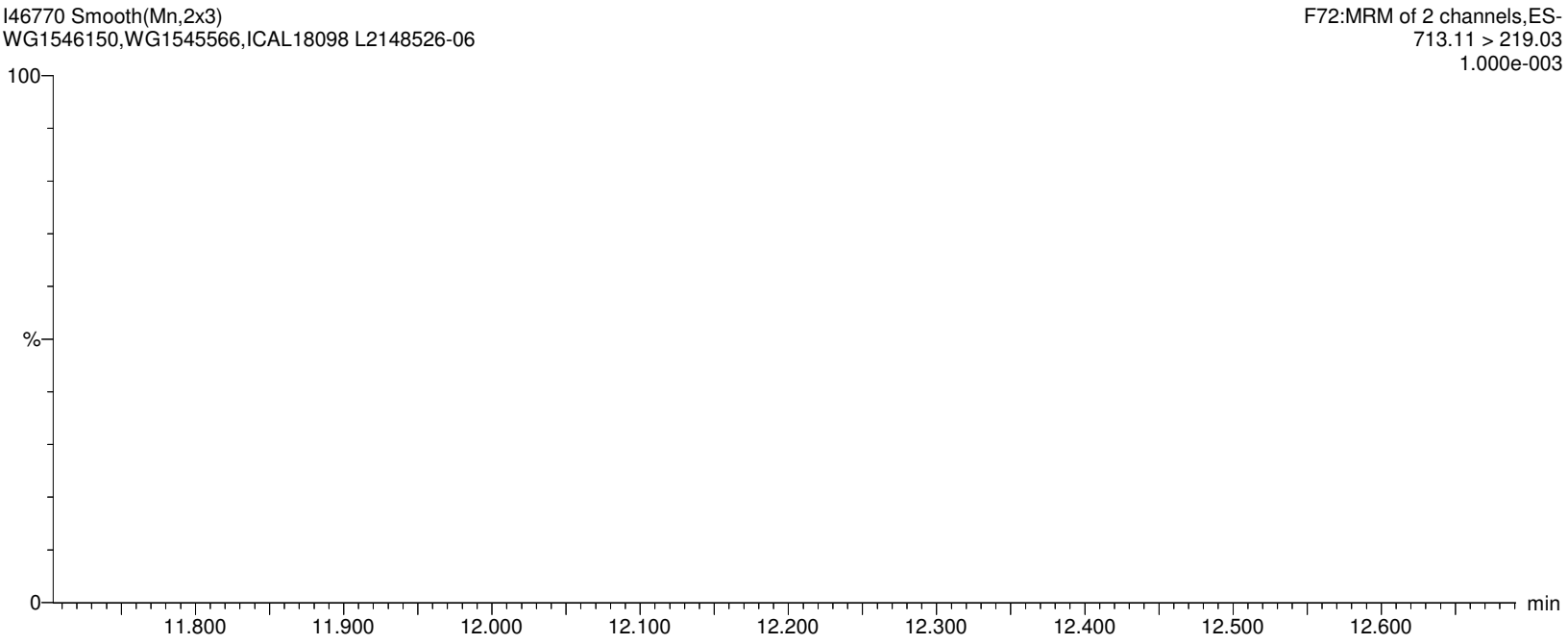
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:08 Eastern Daylight Time

Name: I46770
ID: L2148526-06
Date: 15-Sep-2021
Time: 06:48:36
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTA



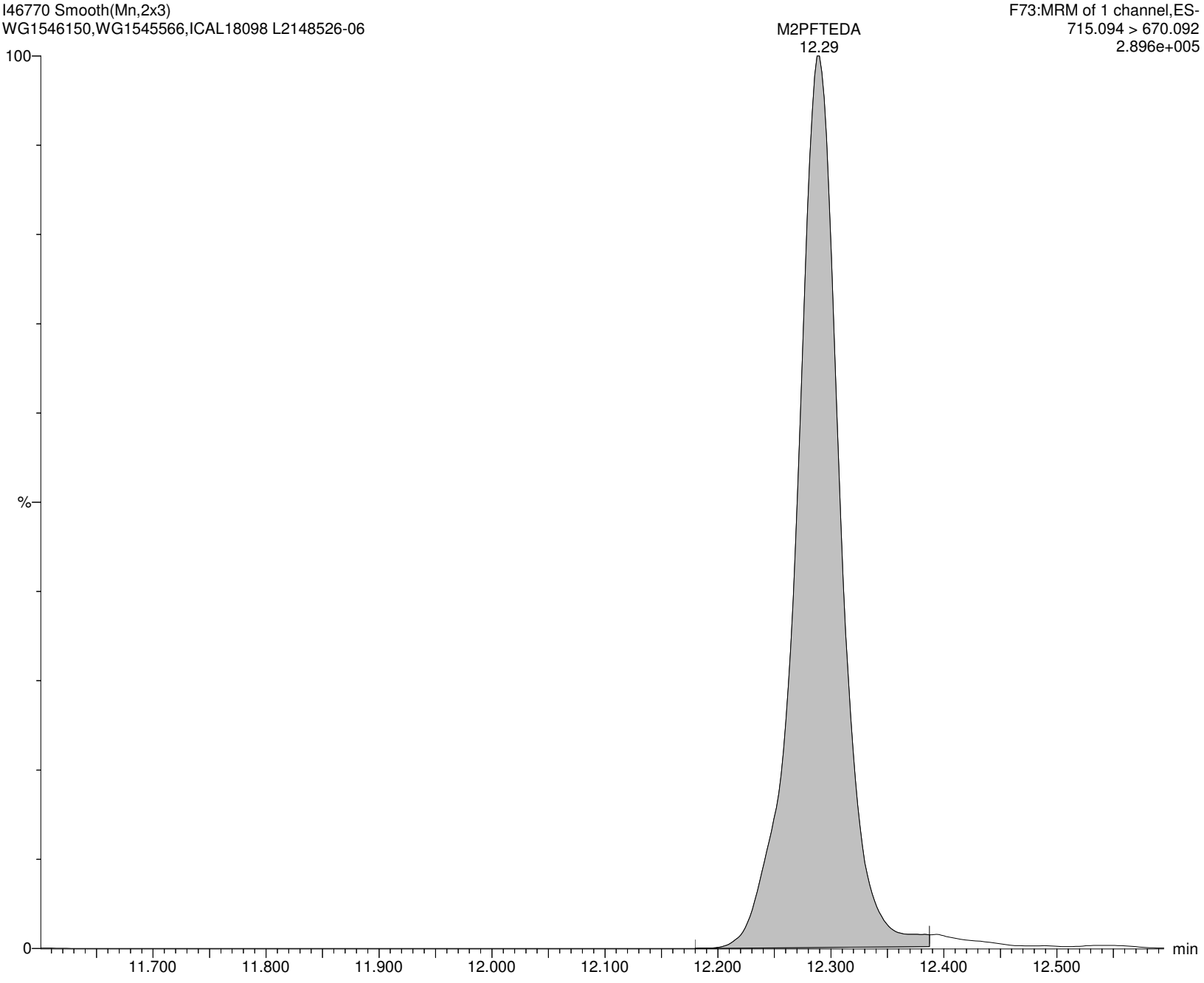


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:08 Eastern Daylight Time

Name: I46770
ID: L2148526-06
Date: 15-Sep-2021
Time: 06:48:36
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFTEDA



all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:10 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210914_537ISO.PRO\MethDB\537ISO_Q_210625_TOP_RT2.mdb 03 Sep 2021 08:44:20
Calibration: C:\MassLynx\Data\2021\210914_537ISO.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

ID: L2148526-07
Name: I46771
Date: 15-Sep-2021
Time: 07:05:10
Description: WG1546150,WG1545566,ICAL18098
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:SG
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.09	213.032 > 169.022	5039		1.274		na	
2	M3PFBA	INT STD	2.09	216.009 > 171.999	43102		8.210		na	82.1
3	MPFBA	INT STD	2.09	217.001 > 171.999	44459		9.593		na	95.9
4	PFPeA	2706-90-3	4.98	263.039 > 219.03	2303		0.541		na	
5	M5PFPEA	INT STD	4.98	268.001 > 222.999	45256		8.899		na	89.0
6	PFBS	375-73-5	5.64	299.092 > 80.062	755	M7	0.715	2.09	NO	
7	M3PFBS	INT STD	5.63	302.069 > 80.062	9715		7.937		na	79.4
8	4:2FTS	757124-72-4		327.146 > 307.139			ND		YES	
9	M2-4:2FTS	INT STD	6.80	329.13 > 309.124	8131		16.577		na	165.8
10	PFHxA	307-24-4	6.88	313.047 > 269.037	6182		1.083	15.48	NO	
11	M5PFHxA	INT STD	6.88	318.009 > 273.007	53800		8.995		na	90.0
12	PFPeS	2706-91-4	7.21	349.1 > 80.062	515		0.473	2.04	NO	
13	PFHpA	375-85-9	8.15	363.055 > 319.045	7136		0.838	5.21	NO	
14	M4PFHpA	INT STD	8.15	367.025 > 322.022	84110		9.432		na	94.3
15	br-PFHxS	355-46-4	8.07	399.107 > 80.062	392	M5,M7	0.377	2.07	NO	
16	L-PFHxS	355-46-4	8.31	399.107 > 80.062	1509		1.111	1.61	NO	
17	PFHxS	355-46-4		399.107 > 80.062	1901		1.488		na	
18	M3PFHxS	INT STD	8.31	402.084 > 80.062	12441		8.963		na	89.6
19	br-PFOA	335-67-1	8.87	413.063 > 369.053	7495	M5	0.861	2.16	NO	
20	L-PFOA	335-67-1	9.09	413.063 > 369.053	31302		3.594	8.55	NO	
21	PFOA	335-67-1		413.063 > 369.053	38797		4.455		na	
22	M8PFOA	INT STD	9.09	421.002 > 376.	90377		9.101		na	91.0
23	M2PFOA	INT STD	9.09	415.048 > 370.045	97815		9.235		na	92.4
24	6:2FTS	27619-97-2	9.06	427.161 > 407.155	87	M7	0.140	5.25	NO	
25	M2-6:2FTS	INT STD	9.05	429.146 > 409.14	6226		12.364		na	123.6
26	PFHpS	375-92-8	9.18	449.115 > 80.062	186		0.230	1.09	NO	
27	PFNA	375-95-1	9.85	463.071 > 419.061	615		0.098	3.93	NO	
28	M9PFNA	INT STD	9.85	472.002 > 427.	25162		8.821		na	88.2
29	br-PFOS	1763-23-1	9.64	499.123 > 80.062	9135	M5,M7	6.933	5.66	NO	
30	L-PFOS	1763-23-1	9.90	499.123 > 80.062	1588		1.596	1.79	NO	
31	PFOS	1763-23-1		499.123 > 80.062	10723		8.529		na	
32	M4PFOS	INT STD	9.90	503.093 > 80.062	11094		9.802		na	98.0
33	M8PFOS	INT STD	9.90	507.062 > 80.062	11287		9.080		na	90.8
34	PFDA	335-76-2	10.48	513.078 > 469.069	229	M7	0.040	6.61	NO	
35	M2PFDA	INT STD	10.48	515.053 > 469.934	55946		9.171		na	91.7
36	M6PFDA	INT STD	10.48	519.033 > 474.03	57879		9.115		na	91.1
37	8:2FTS	39108-34-4		527.177 > 507.171			ND		YES	
38	M2-8:2FTS	INT STD	10.47	529.162 > 509.155	3695		9.983		na	99.8
39	PFNS	68259-12-1		549.131 > 80.062			ND		YES	

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:10 Eastern Daylight Time

ID: L2148526-07
Name: I46771
Date: 15-Sep-2021
Time: 07:05:10
Description: WG1546150,WG1545566,ICAL18098
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:SG
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.87	573.22 > 419.061	4226		7.060		na	70.6
41	br-NMeFOSAA			570.202 > 419.061			ND		YES	
42	L-NMeFOSAA			570.202 > 419.061			ND		YES	
43	NMeFOSAA	2355-31-9		570.202 > 419.061	0		ND		na	
44	PFUnA	2058-94-8		563.086 > 519.076			ND		YES	
45	M7-PFUDA	INT STD	11.02	570.033 > 525.031	52868		8.927		na	89.3
46	PFDS	335-77-3		599.139 > 80.062			ND		YES	
47	FOSA	754-91-6		498.146 > 78.07			ND		YES	
48	M8FOSA	INT STD	10.96	506.077 > 78.07	14186		4.126		na	41.3
49	br-NEtFOSAA			584.229 > 419.061			ND		YES	
50	L-NEtFOSAA			584.229 > 419.061			ND		YES	
51	NEtFOSAA	2991-50-6		584.229 > 419.061	0		ND		na	
52	d5-NEtFOSAA	INT STD	11.16	589.259 > 419.061	4123		8.336		na	83.4
53	PFDoA	307-55-1		613.094 > 569.084			ND		YES	
54	MPFDOA	INT STD	11.50	615.079 > 570.077	47336		8.285		na	82.8
55	PFTrDA	72629-94-8		663.102 > 619.092			ND		YES	
56	PFTA	376-06-7		713.11 > 669.1			ND		YES	
57	M2PFTEDA	INT STD	12.29	715.094 > 670.092	12790		7.137		na	71.4

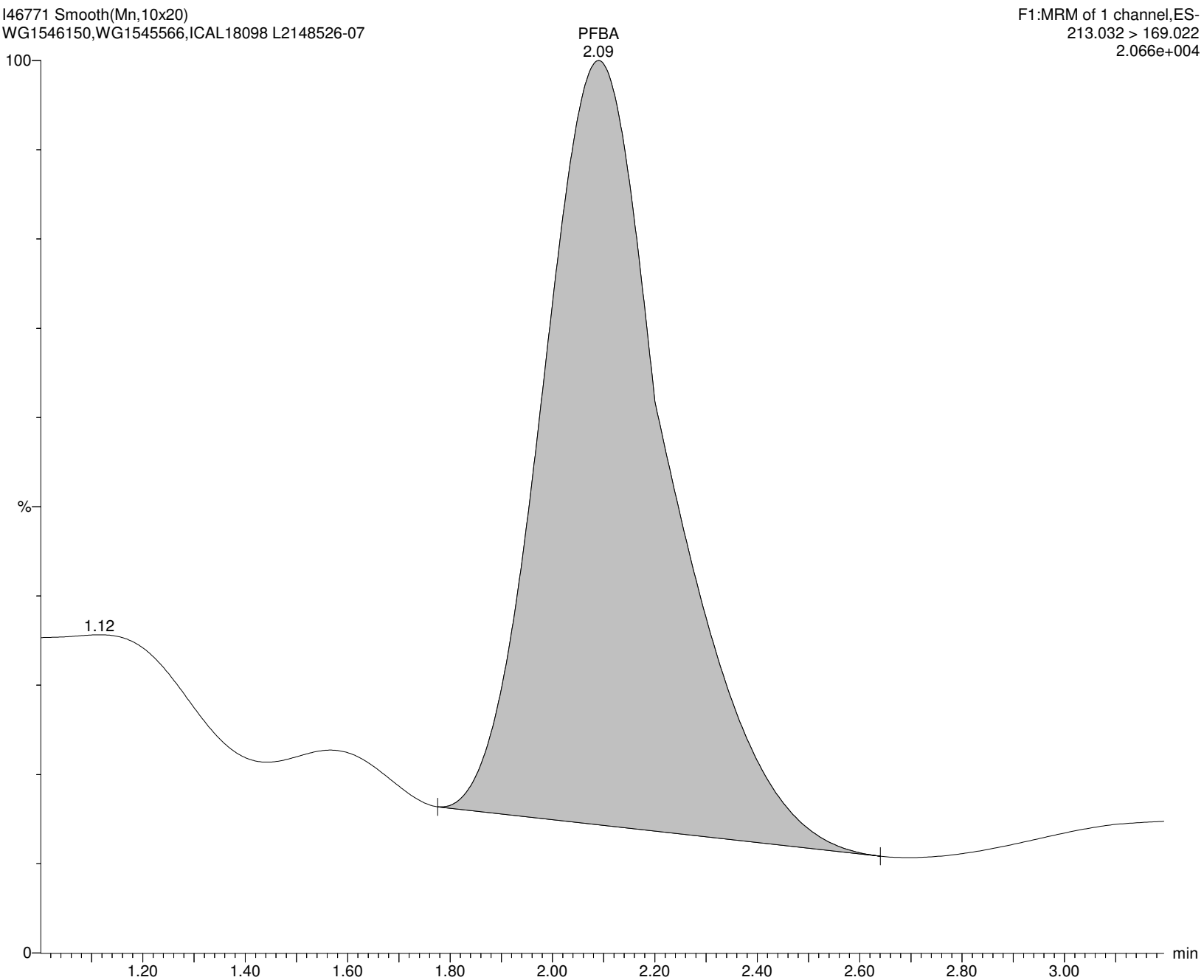
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:10 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210914_537ISO.PRO\MethDB\537ISO_Q_210625_TOP_RT2.mdb 03 Sep 2021 08:44:20
Calibration: C:\MassLynx\Data\2021\210914_537ISO.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

Name: I46771
ID: L2148526-07
Date: 15-Sep-2021
Time: 07:05:10
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBA

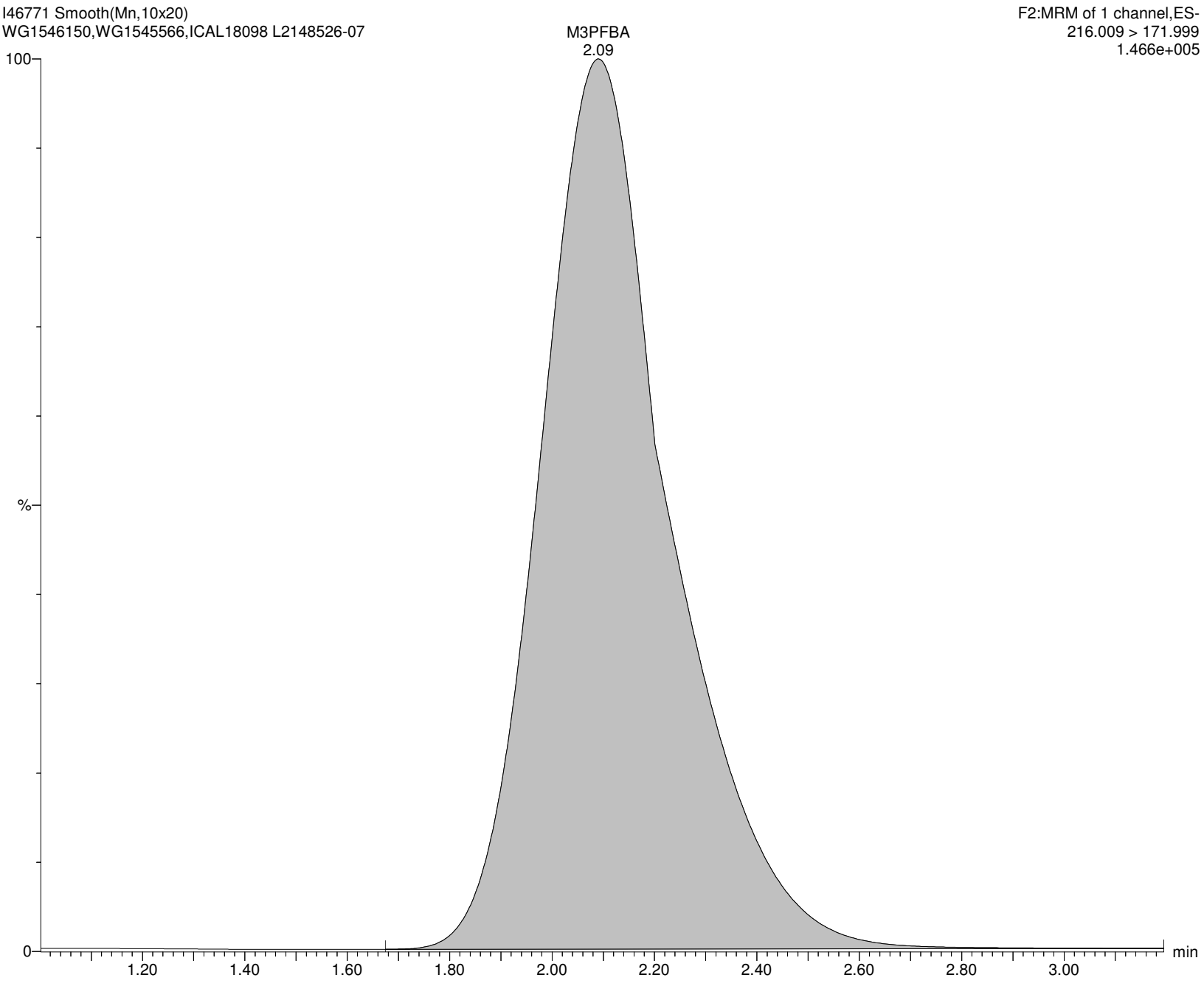


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:10 Eastern Daylight Time

Name: I46771
ID: L2148526-07
Date: 15-Sep-2021
Time: 07:05:10
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBA

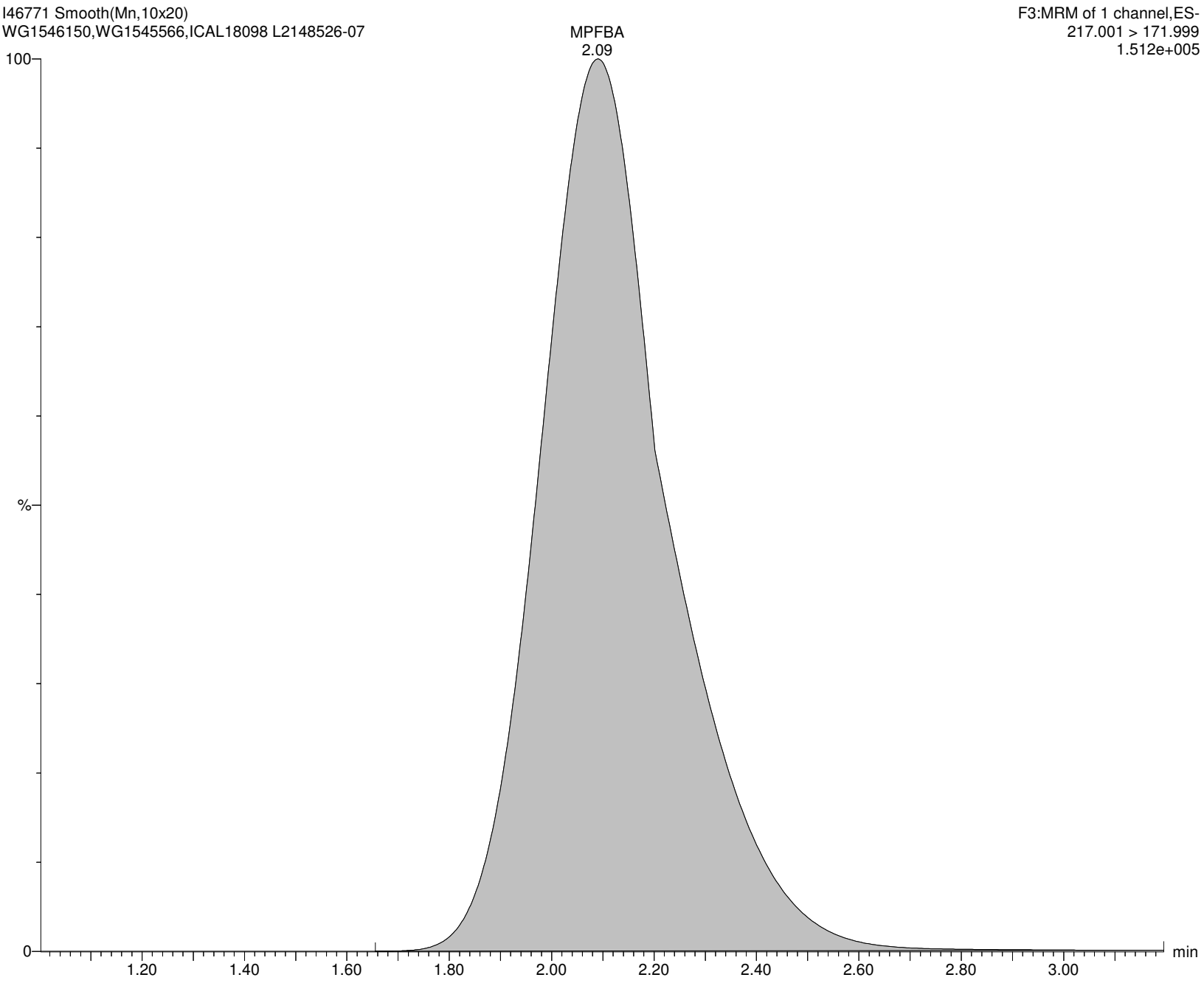


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:10 Eastern Daylight Time

Name: I46771
ID: L2148526-07
Date: 15-Sep-2021
Time: 07:05:10
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFBA

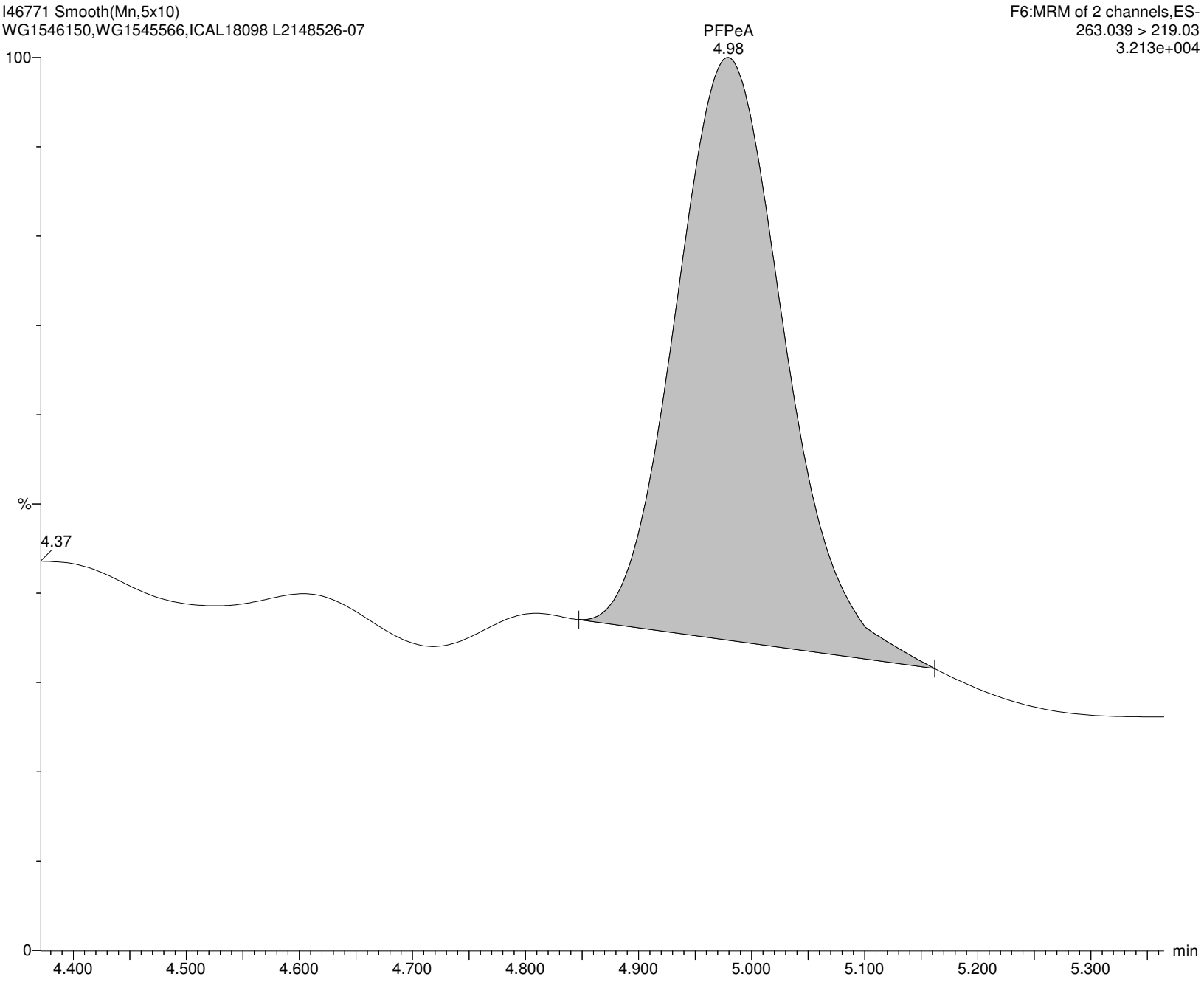


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:10 Eastern Daylight Time

Name: I46771
ID: L2148526-07
Date: 15-Sep-2021
Time: 07:05:10
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeA

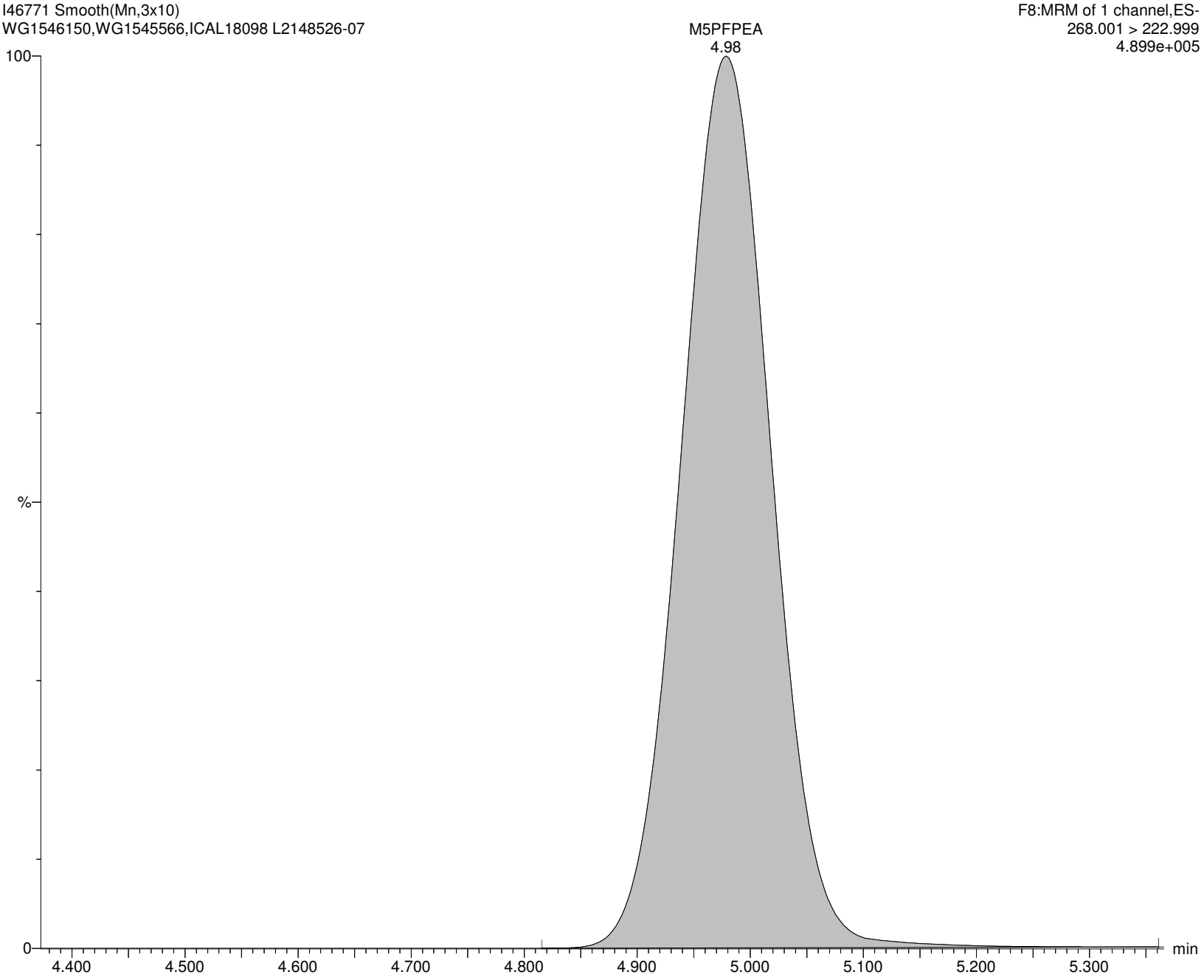


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:10 Eastern Daylight Time

Name: I46771
ID: L2148526-07
Date: 15-Sep-2021
Time: 07:05:10
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFPEA

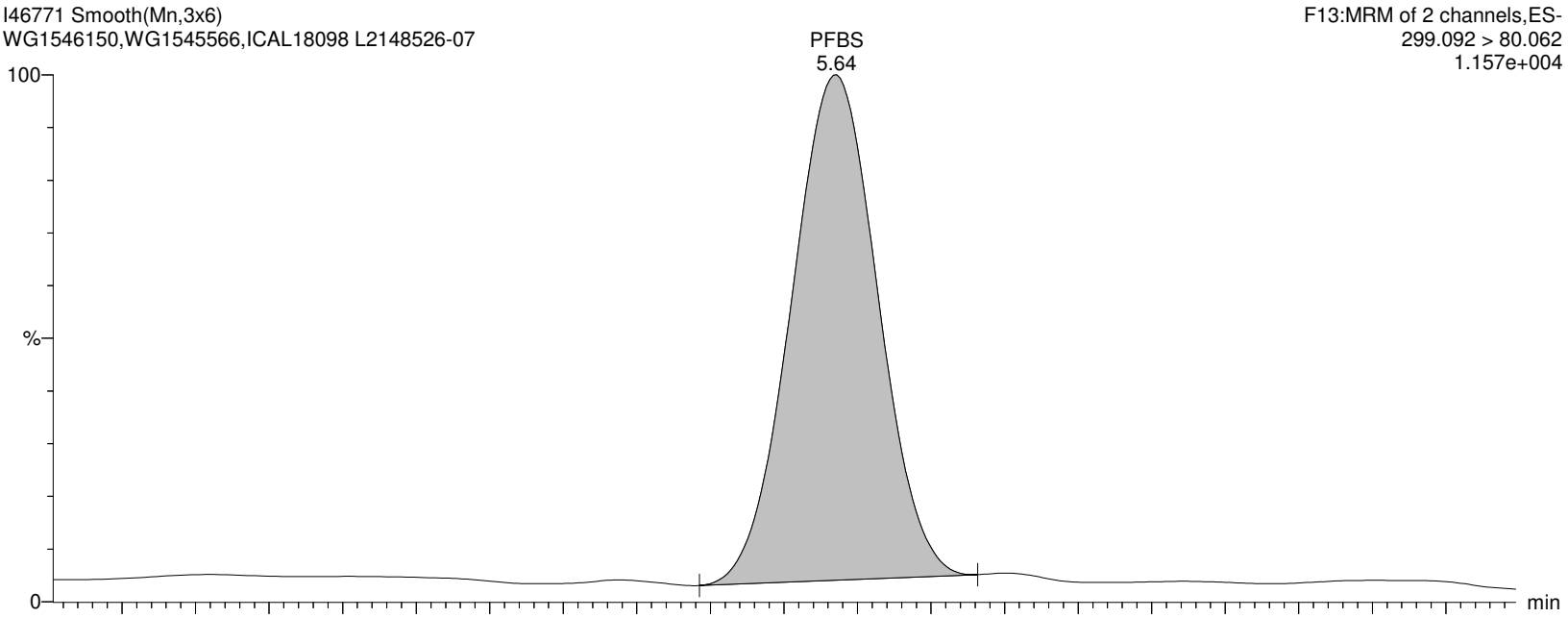


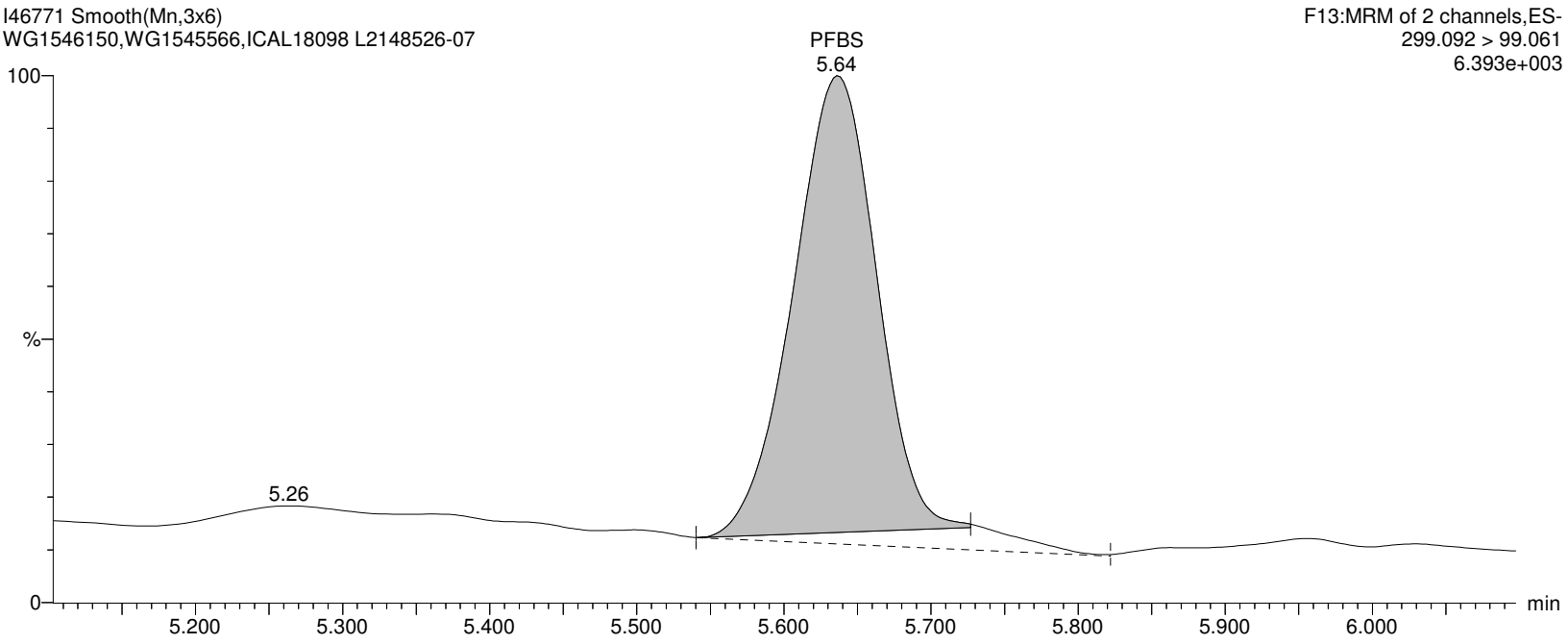
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:10 Eastern Daylight Time

Name: I46771
ID: L2148526-07
Date: 15-Sep-2021
Time: 07:05:10
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBS



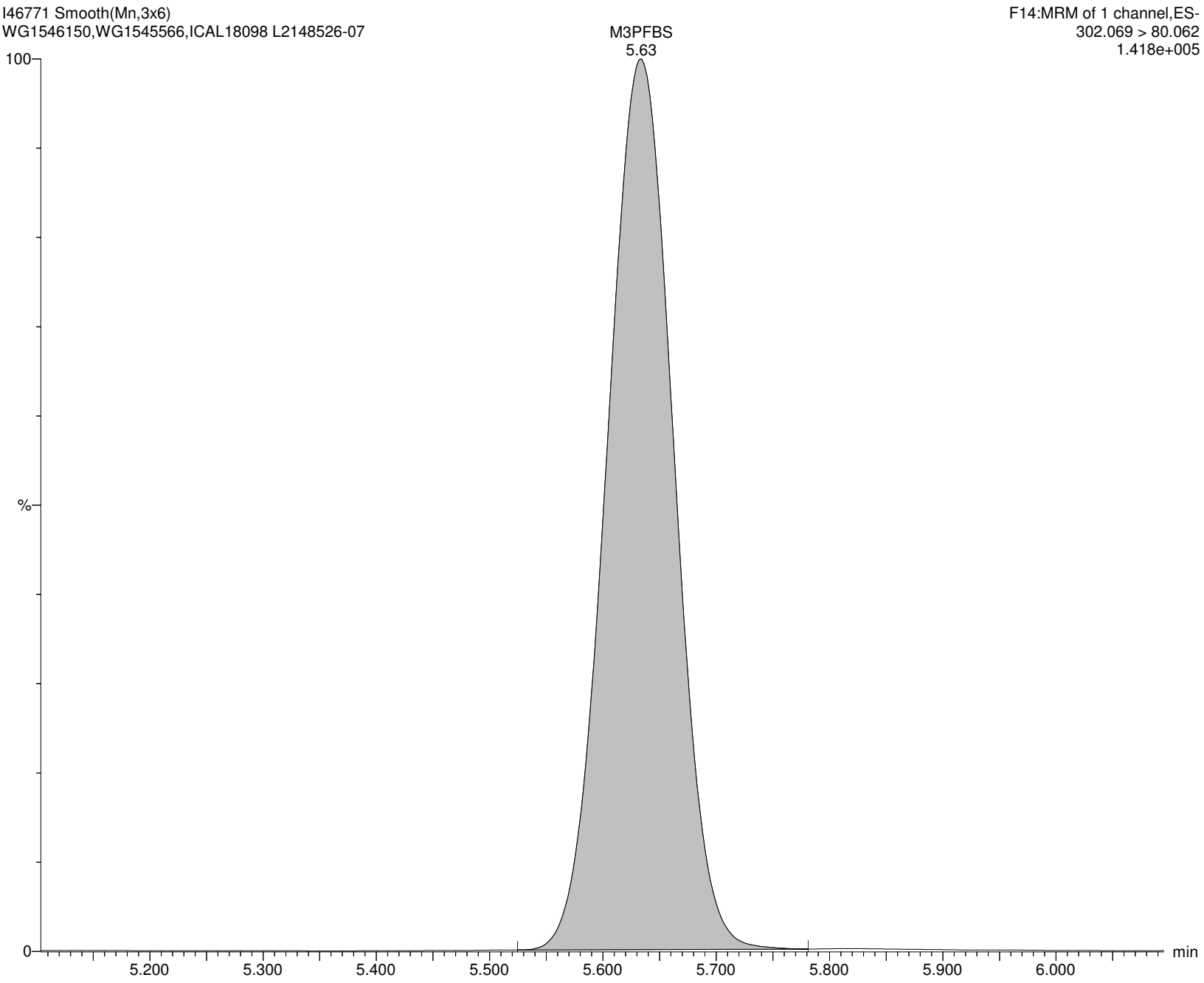


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:10 Eastern Daylight Time

Name: I46771
ID: L2148526-07
Date: 15-Sep-2021
Time: 07:05:10
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBS

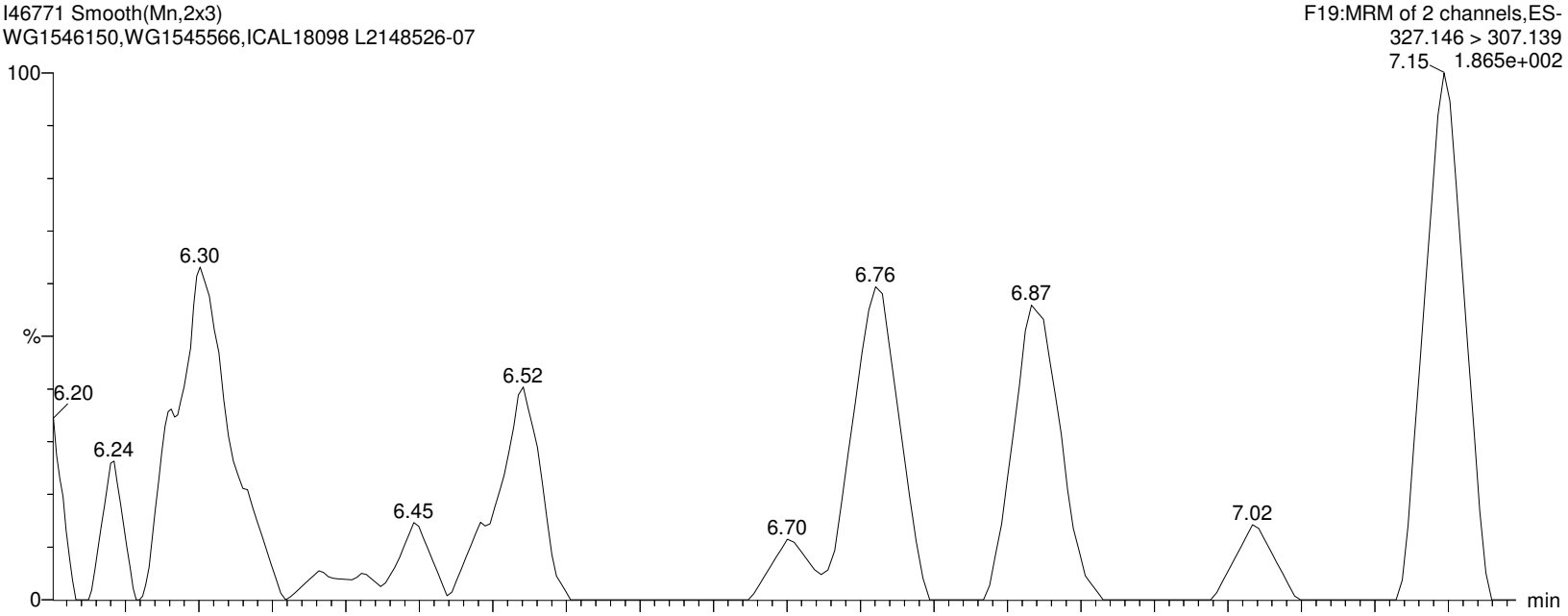


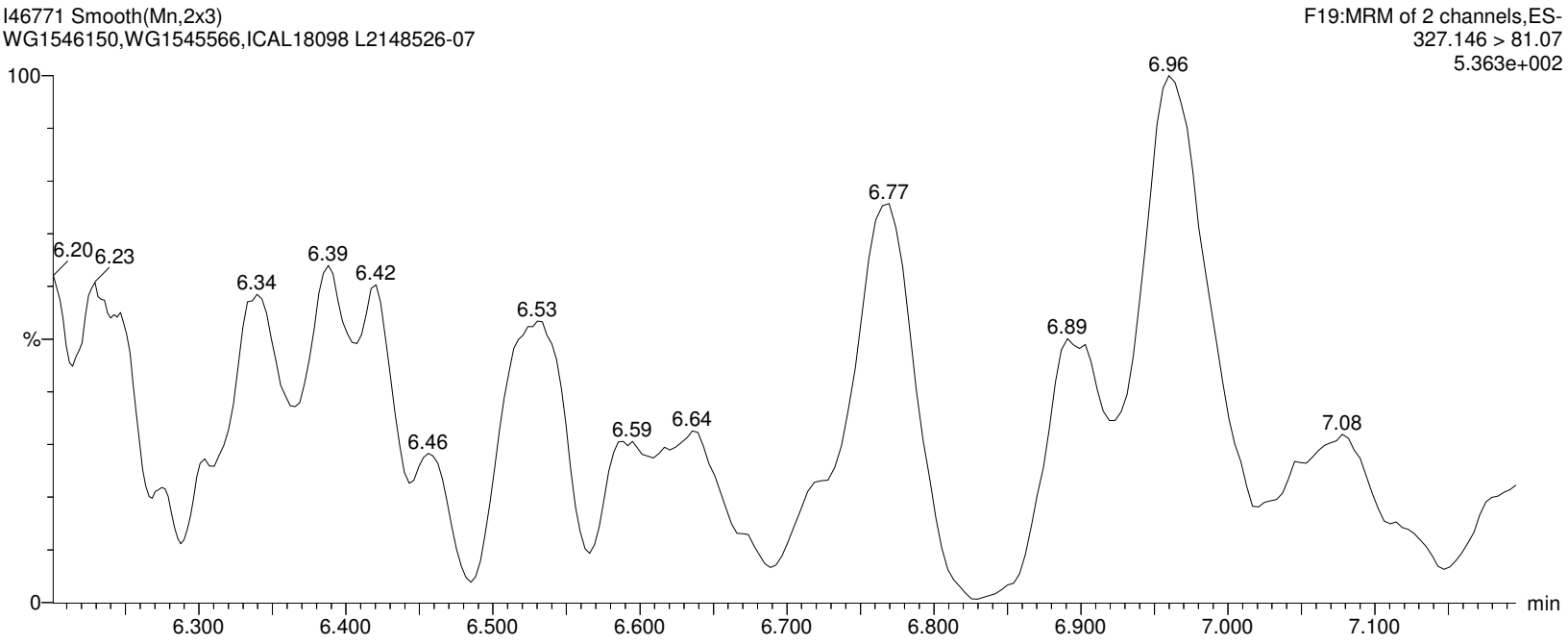
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:10 Eastern Daylight Time

Name: I46771
ID: L2148526-07
Date: 15-Sep-2021
Time: 07:05:10
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

4:2FTS



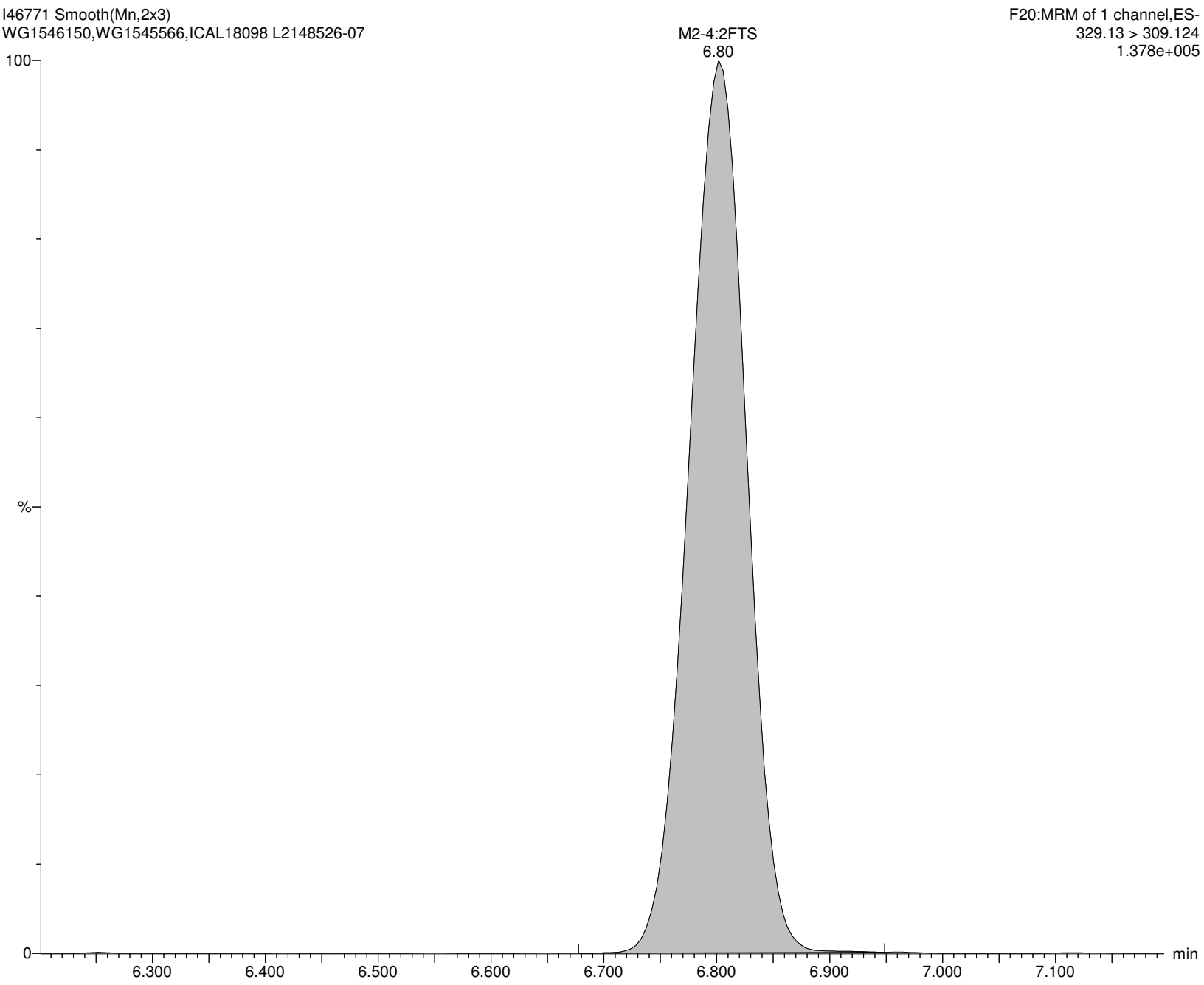


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:10 Eastern Daylight Time

Name: I46771
ID: L2148526-07
Date: 15-Sep-2021
Time: 07:05:10
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-4:2FTS

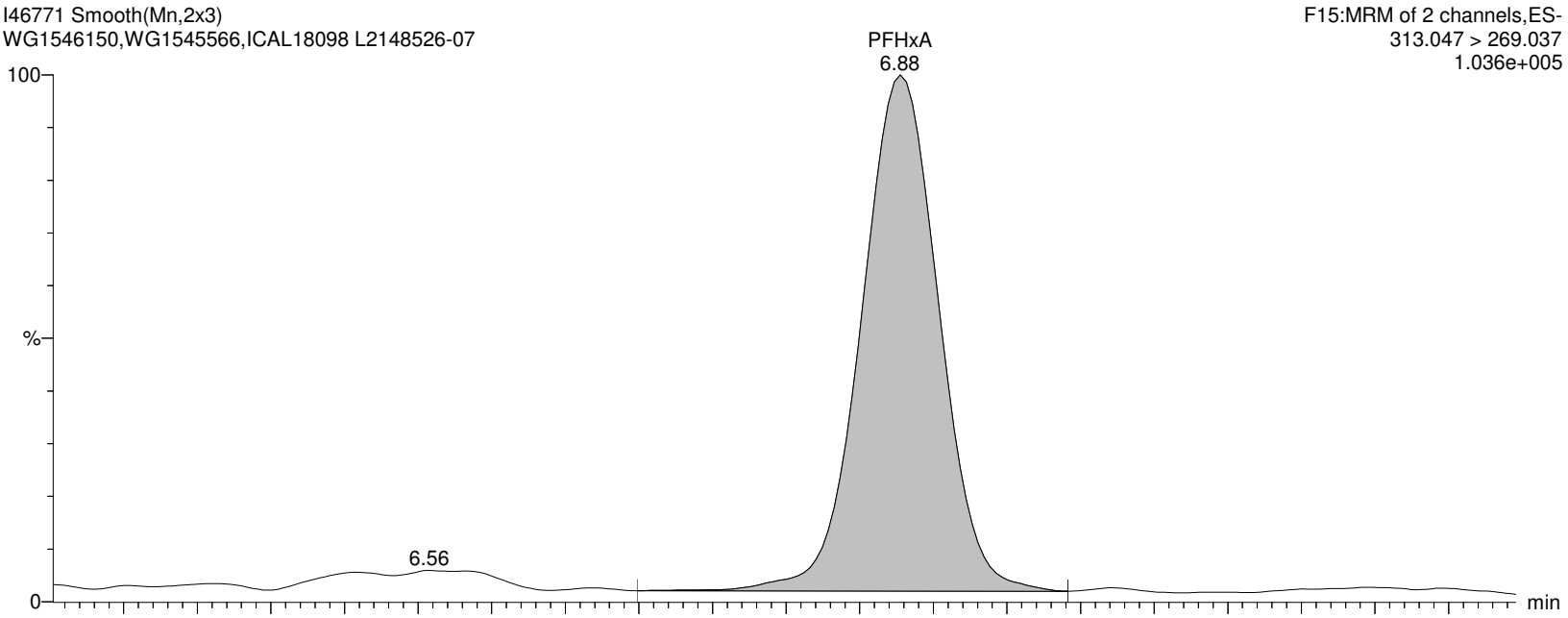


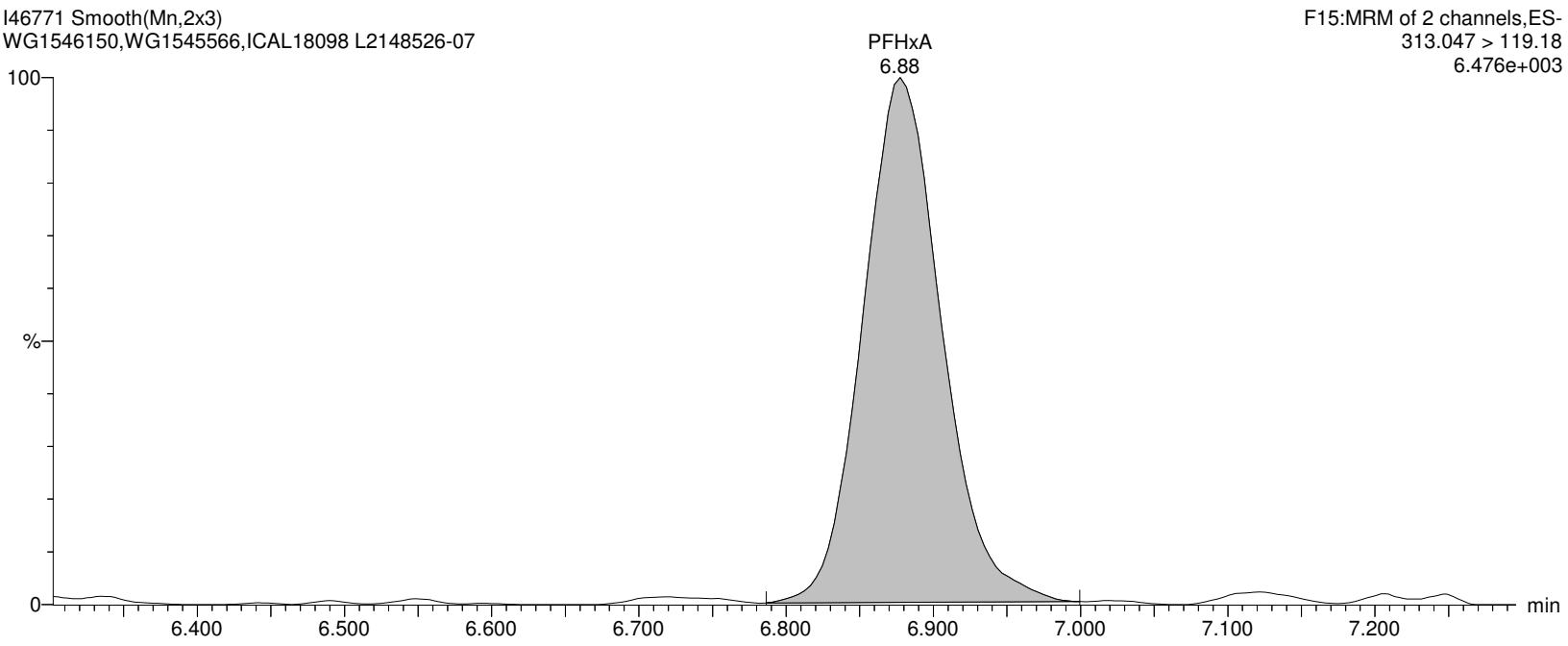
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:10 Eastern Daylight Time

Name: I46771
ID: L2148526-07
Date: 15-Sep-2021
Time: 07:05:10
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxA



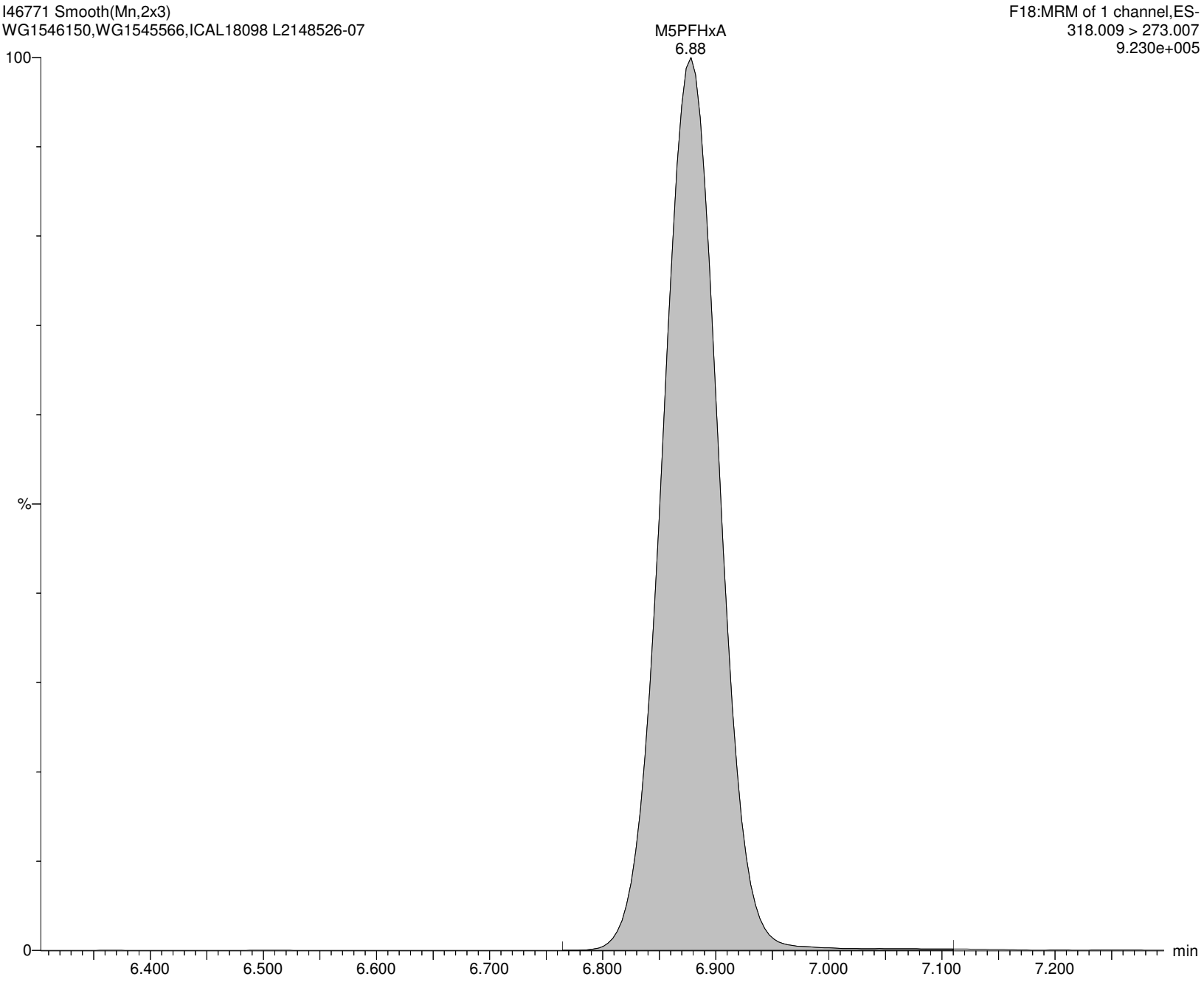


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:10 Eastern Daylight Time

Name: I46771
ID: L2148526-07
Date: 15-Sep-2021
Time: 07:05:10
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFHxA

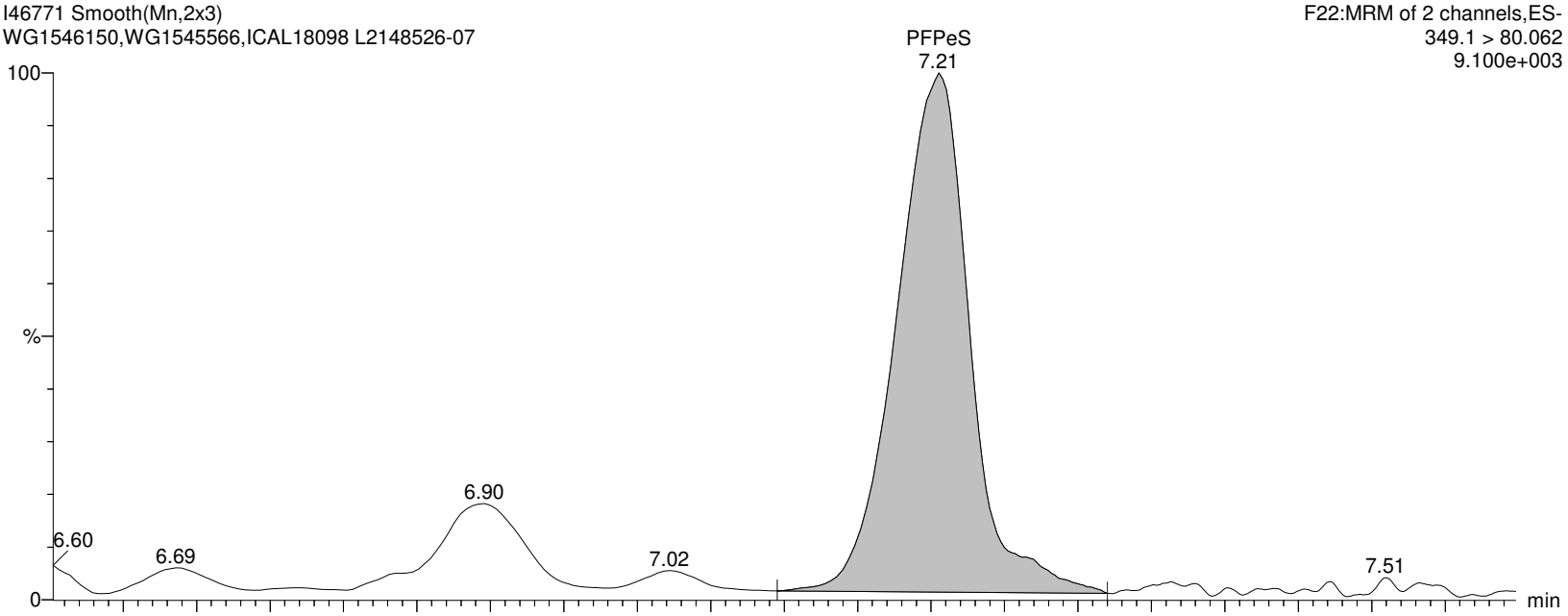


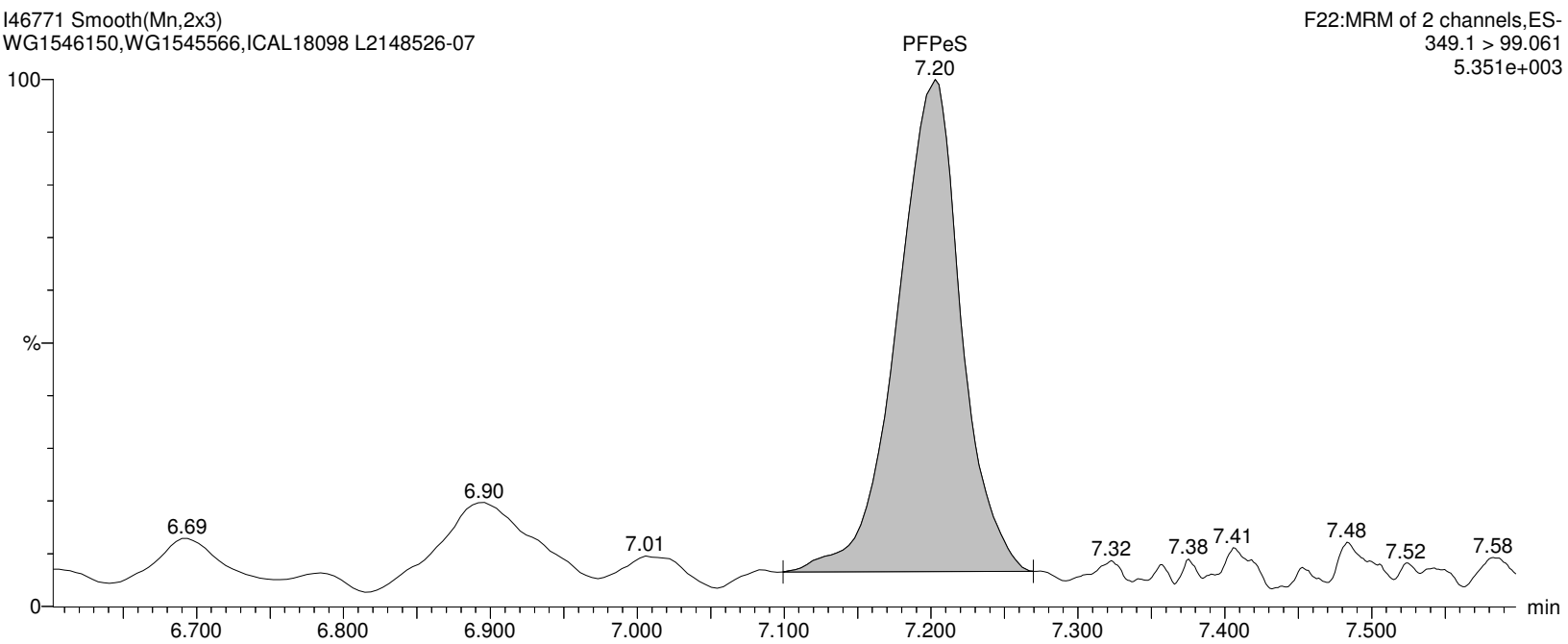
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:10 Eastern Daylight Time

Name: I46771
ID: L2148526-07
Date: 15-Sep-2021
Time: 07:05:10
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeS



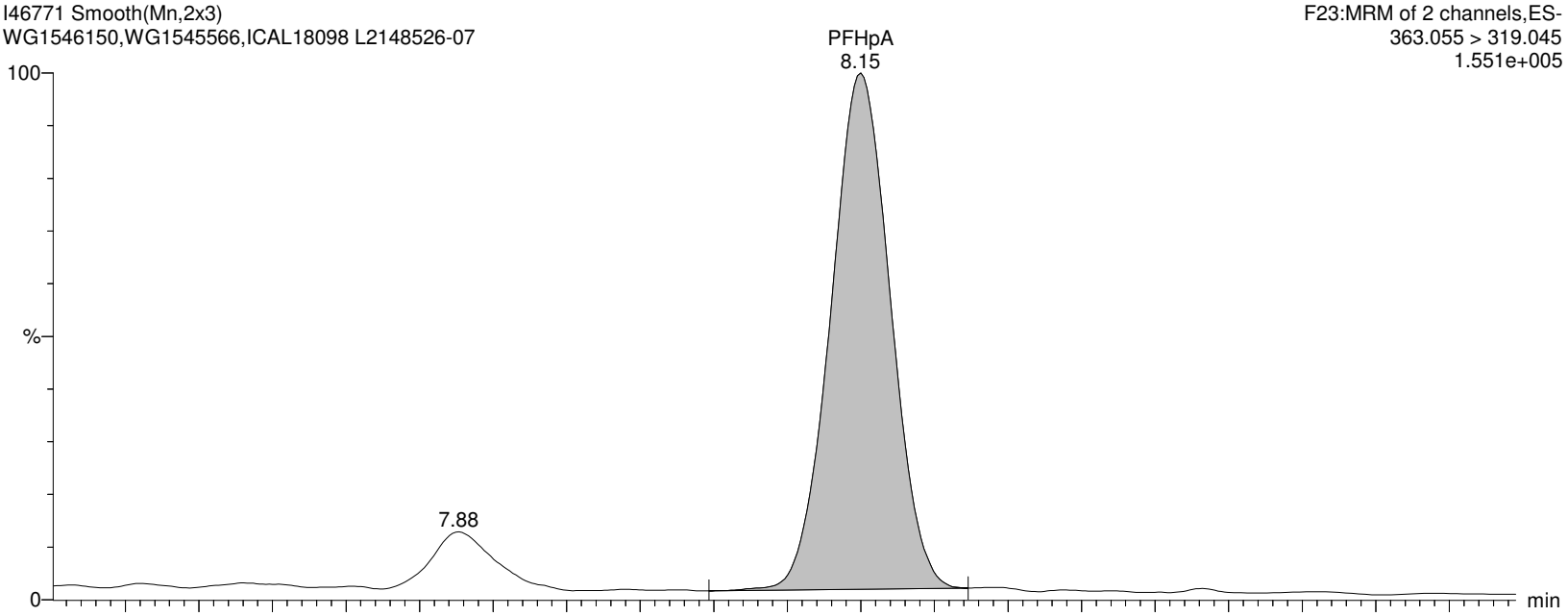


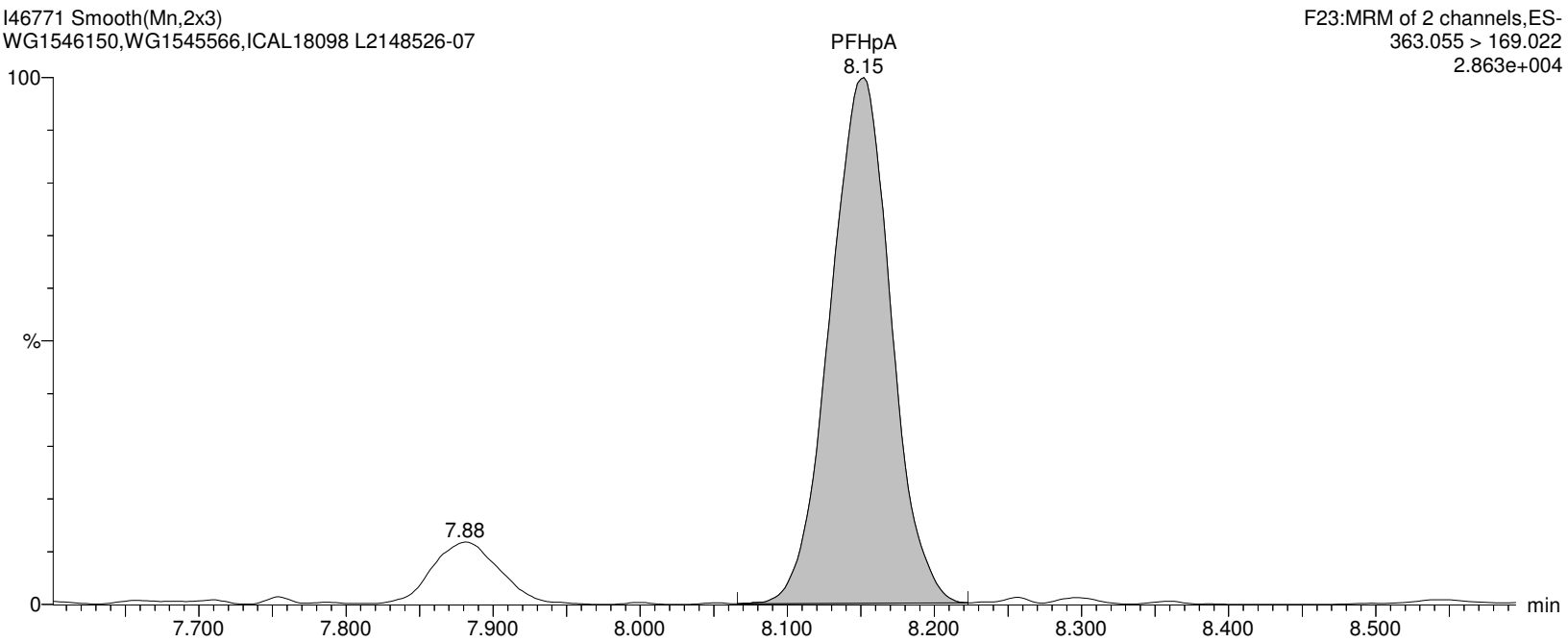
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:10 Eastern Daylight Time

Name: I46771
ID: L2148526-07
Date: 15-Sep-2021
Time: 07:05:10
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpA



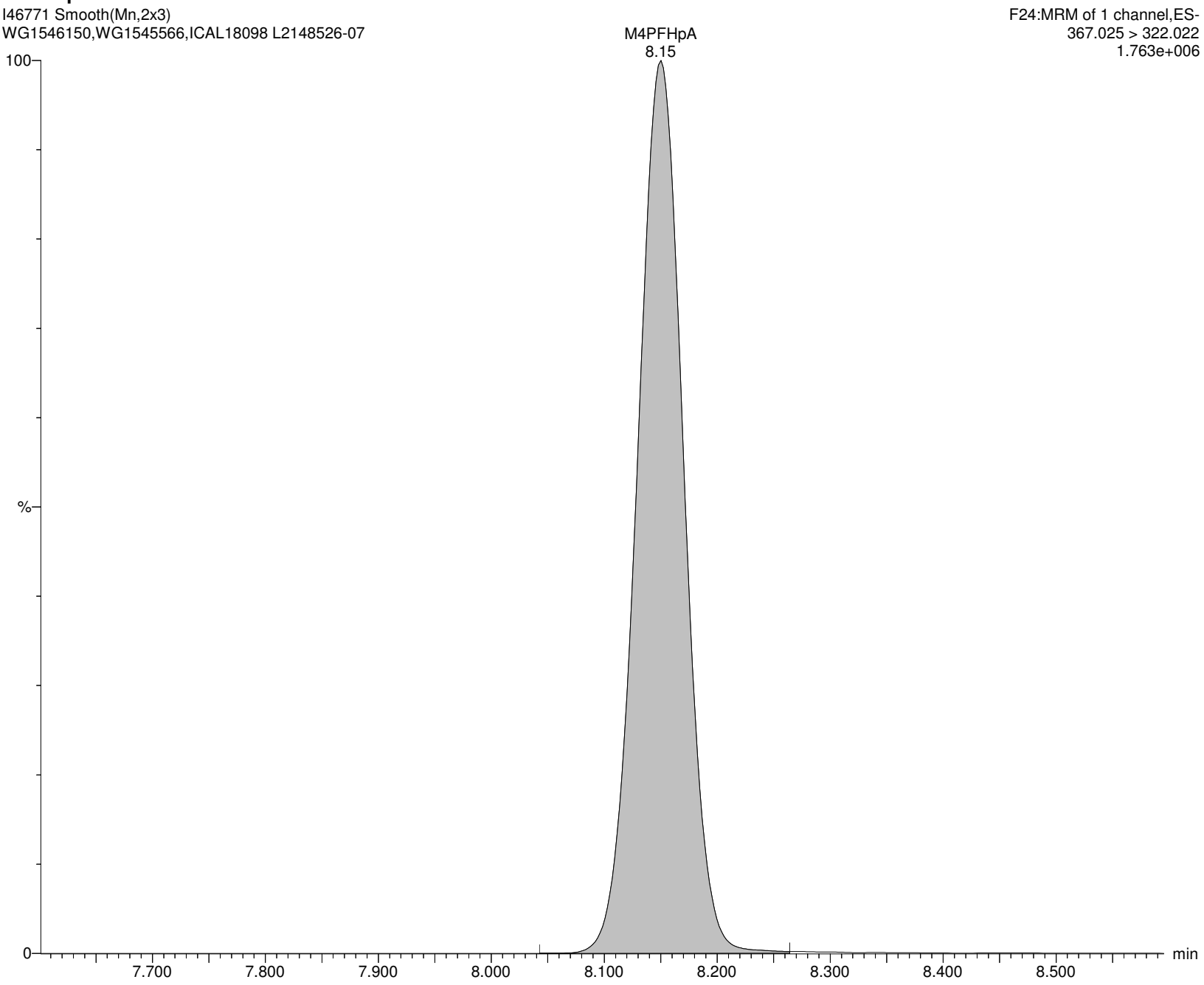


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:10 Eastern Daylight Time

Name: I46771
ID: L2148526-07
Date: 15-Sep-2021
Time: 07:05:10
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFHpA

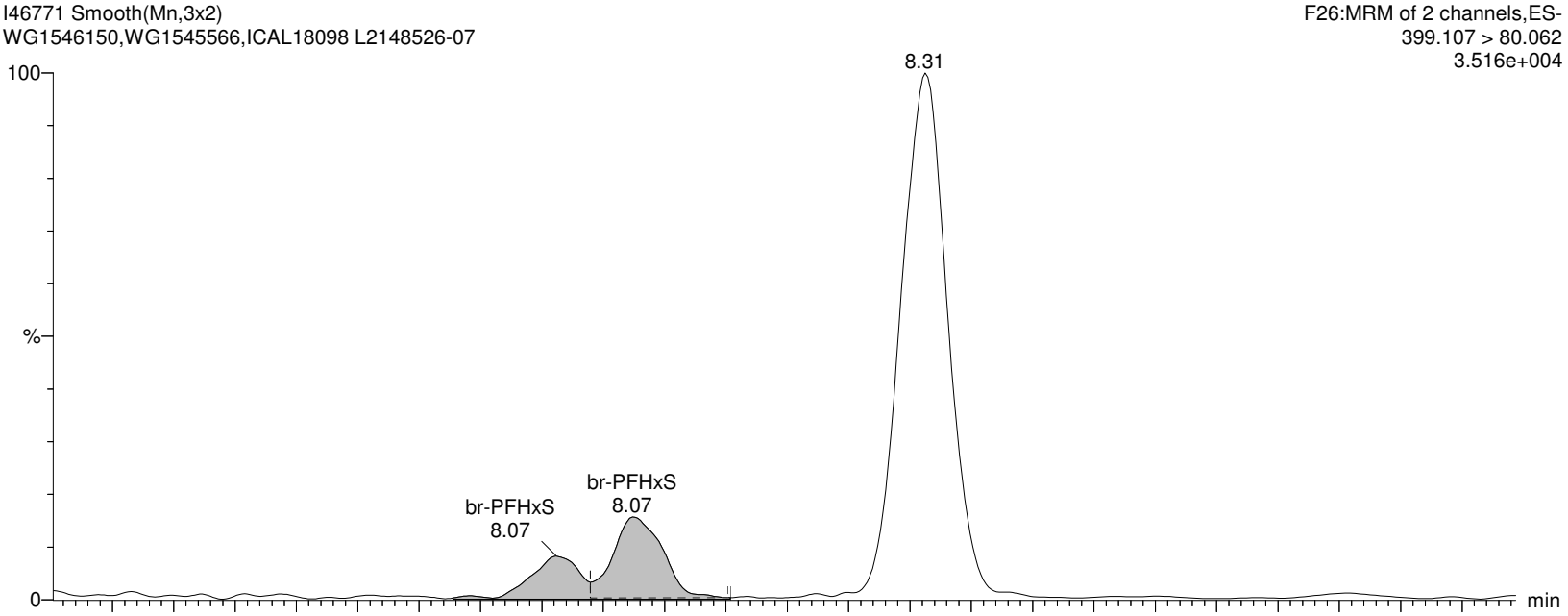


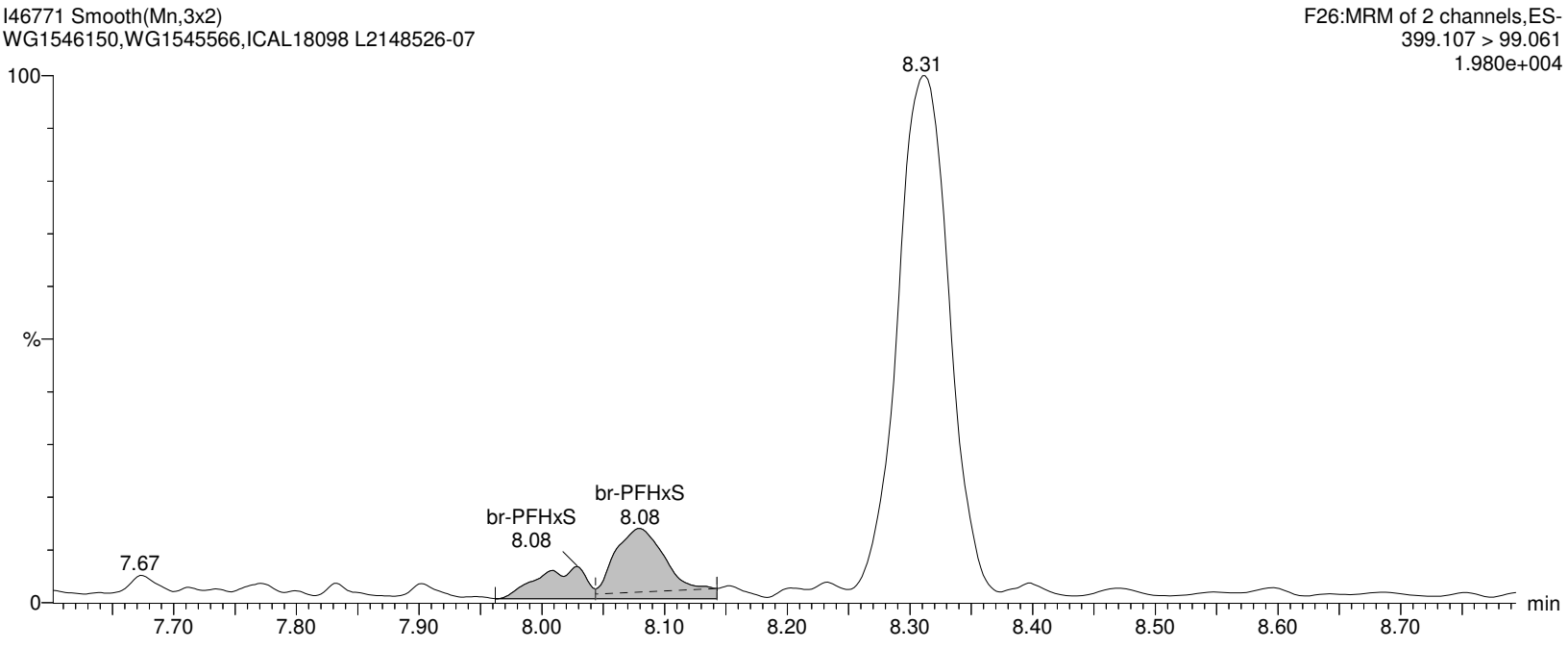
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:10 Eastern Daylight Time

Name: I46771
ID: L2148526-07
Date: 15-Sep-2021
Time: 07:05:10
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFHxS



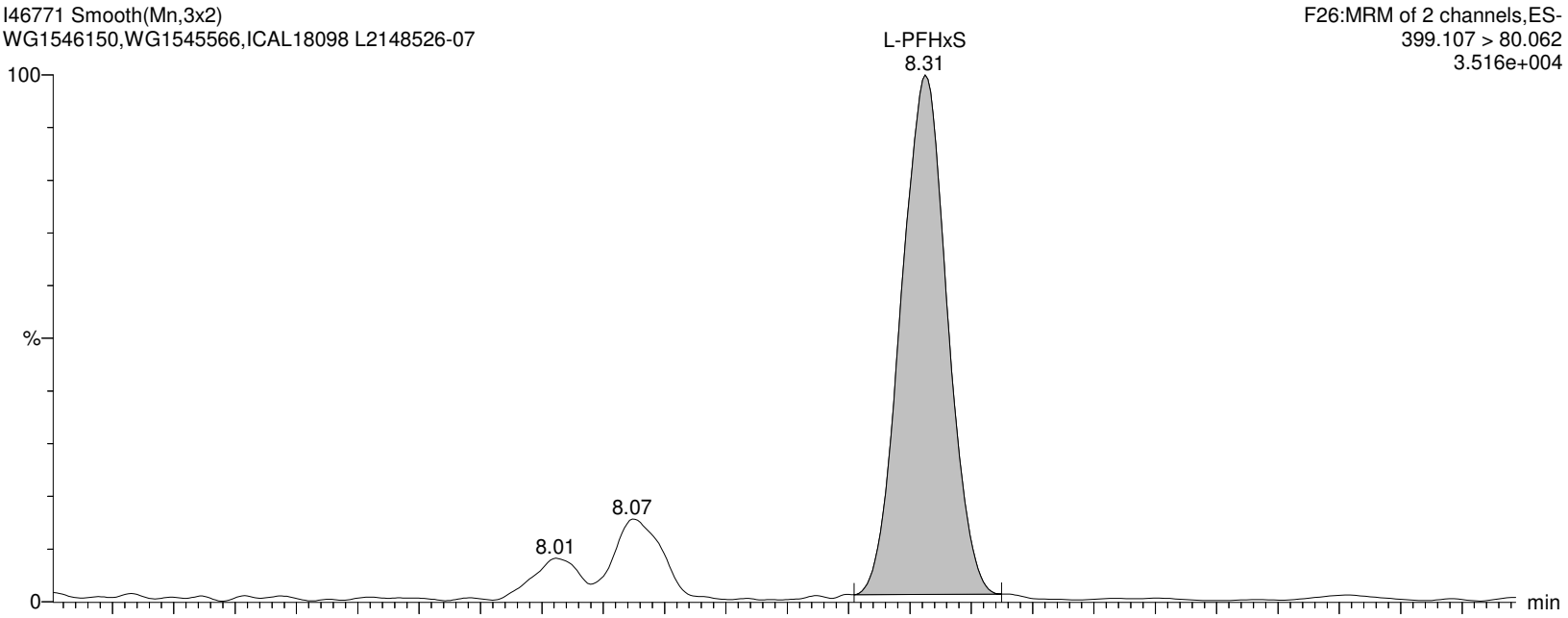


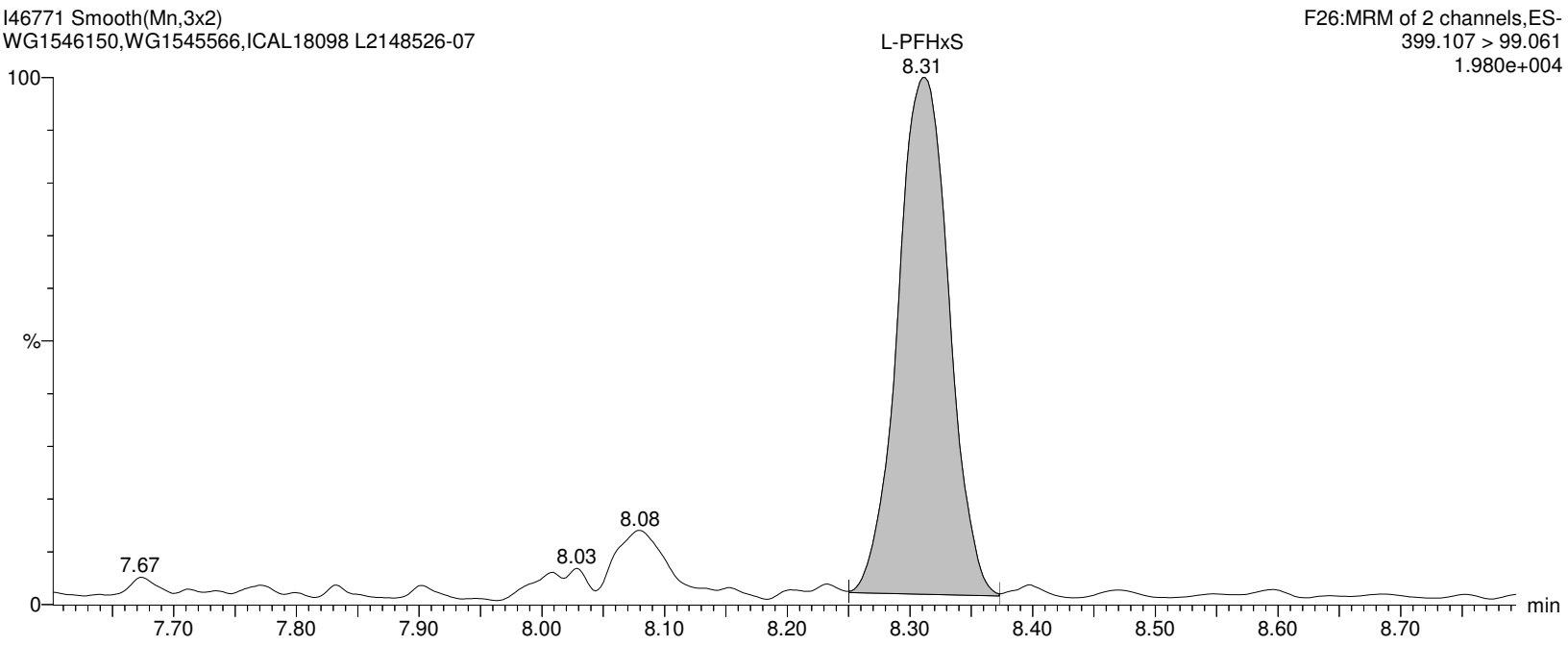
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:10 Eastern Daylight Time

Name: I46771
ID: L2148526-07
Date: 15-Sep-2021
Time: 07:05:10
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFHxS



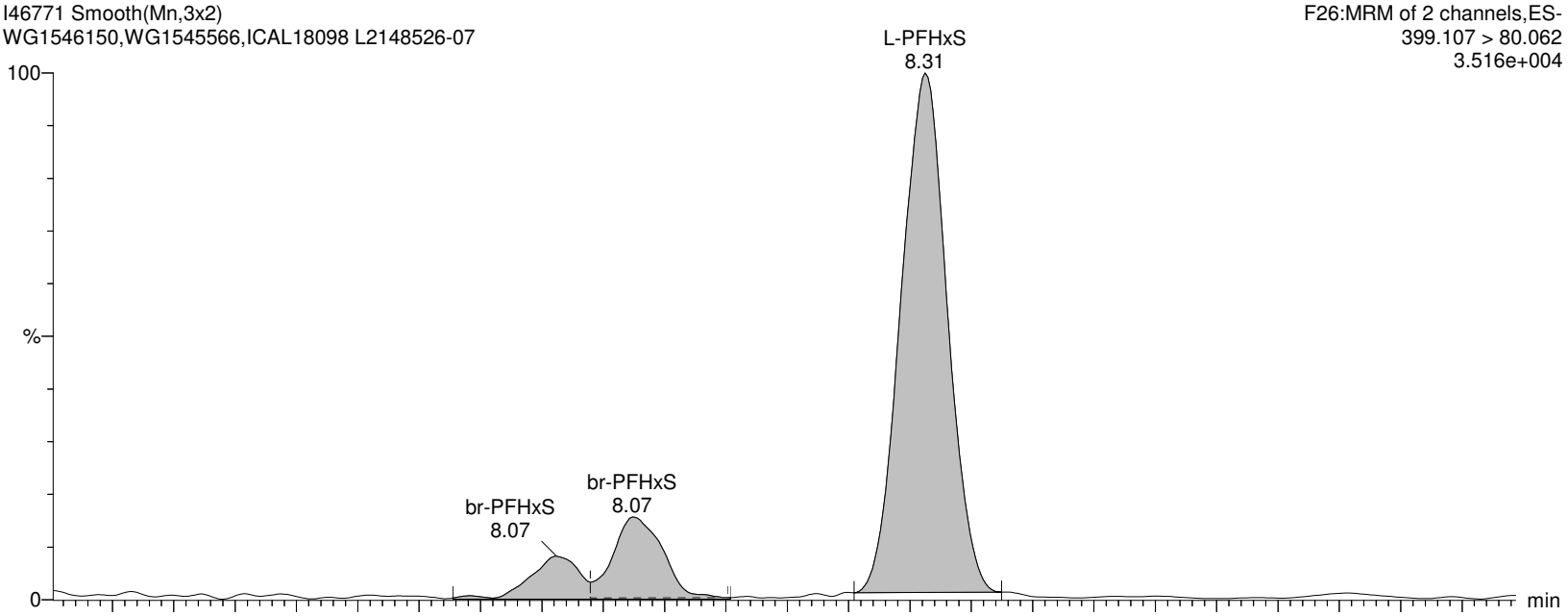


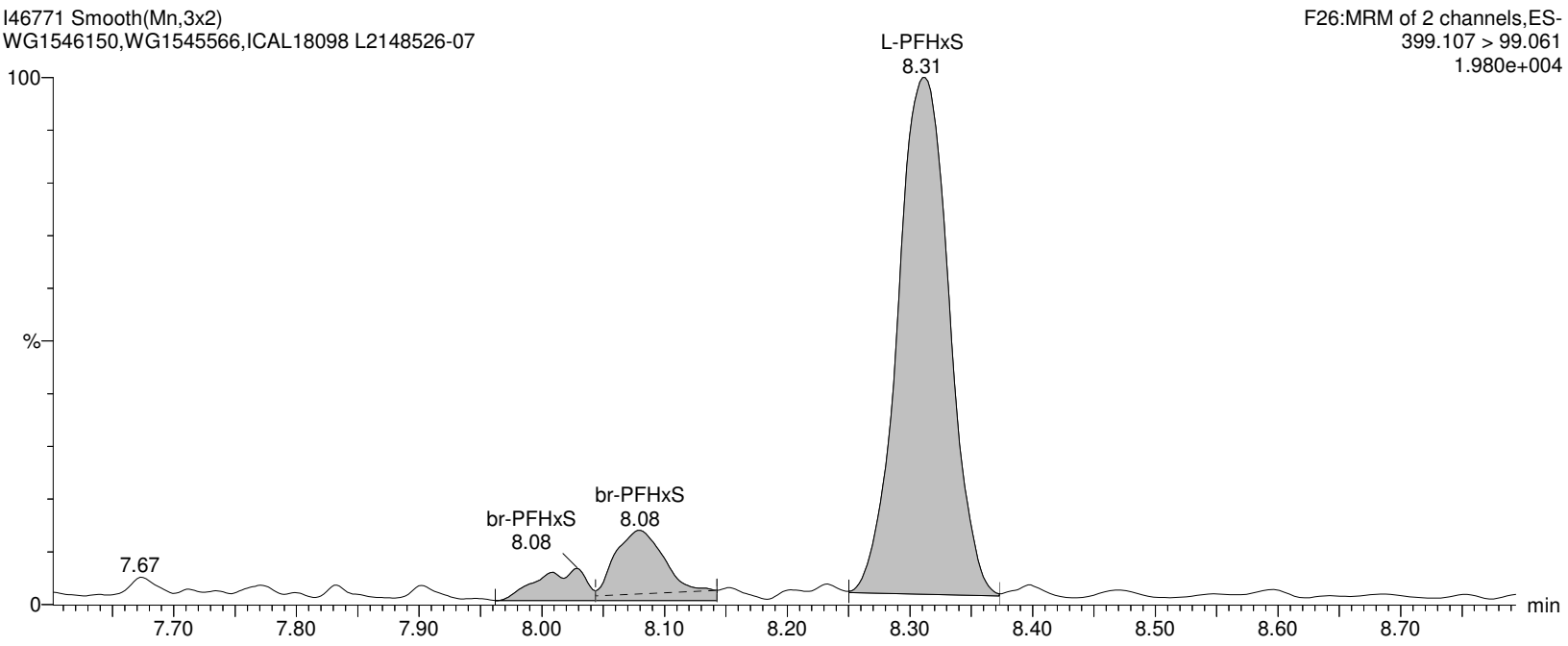
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:10 Eastern Daylight Time

Name: I46771
ID: L2148526-07
Date: 15-Sep-2021
Time: 07:05:10
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxS



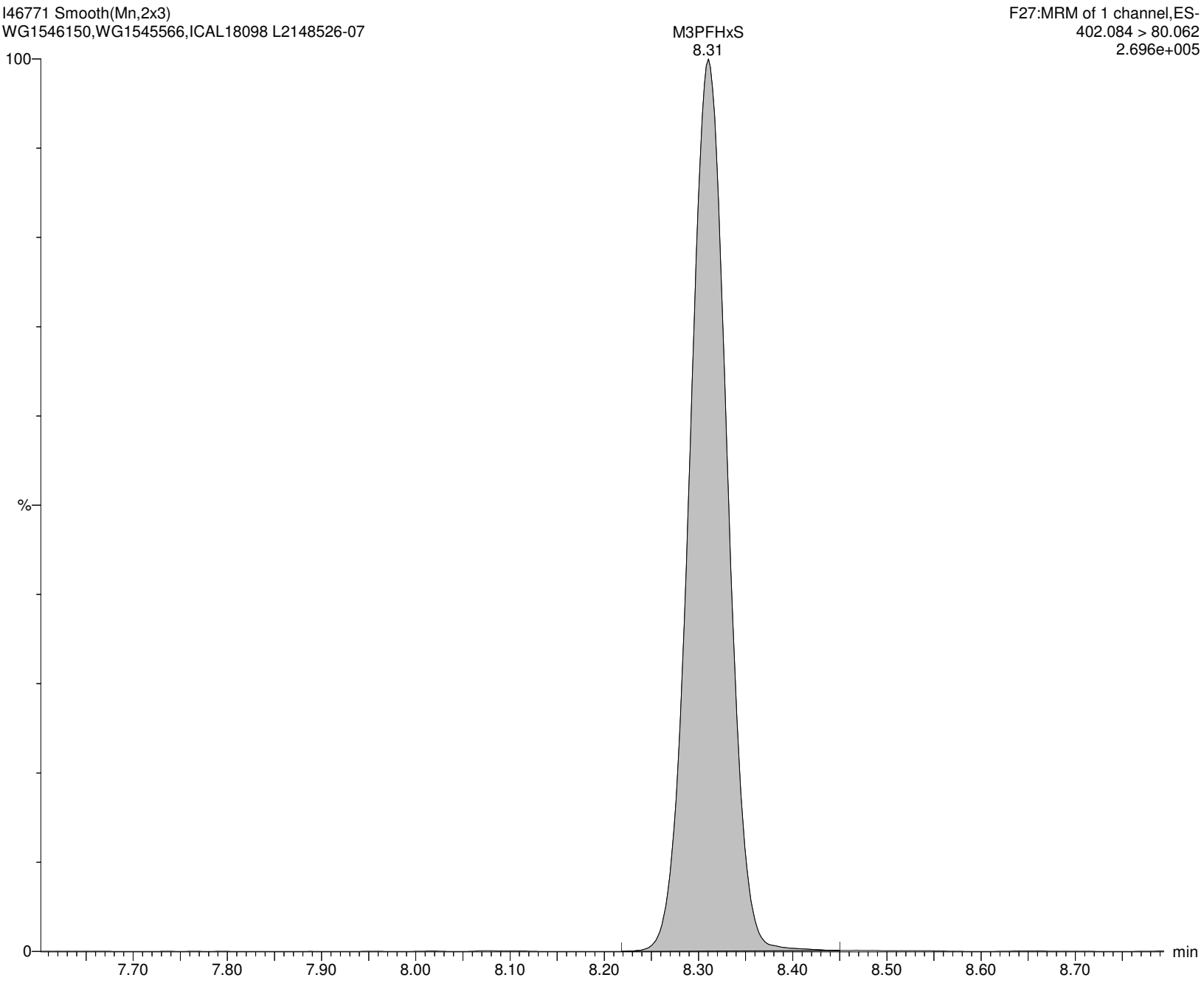


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:10 Eastern Daylight Time

Name: I46771
ID: L2148526-07
Date: 15-Sep-2021
Time: 07:05:10
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFHxS

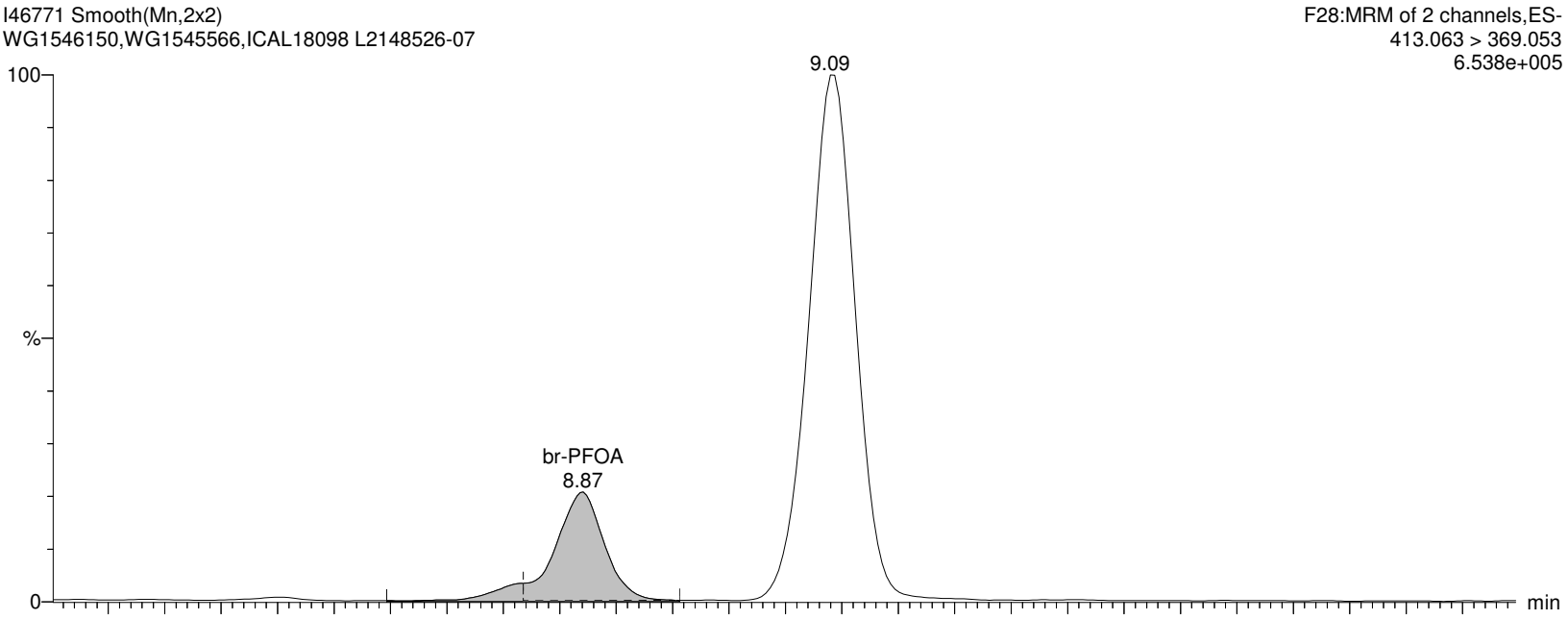


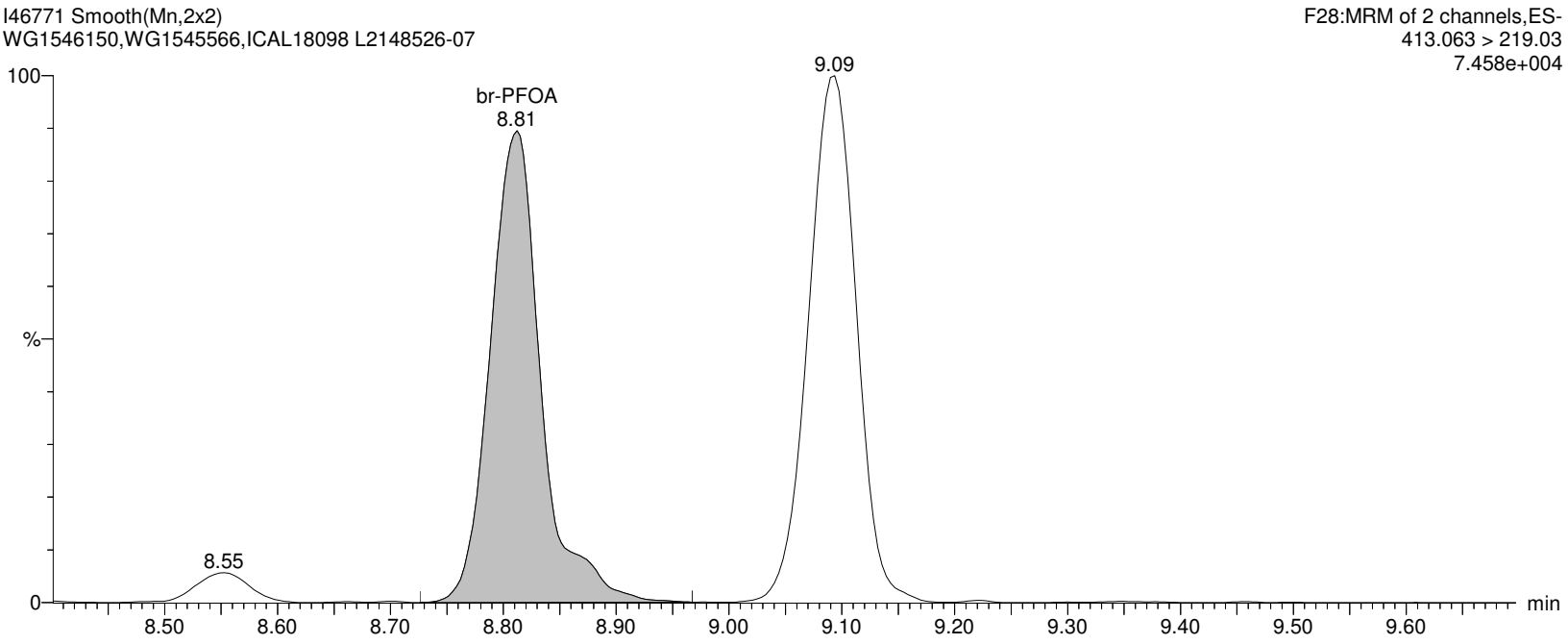
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:10 Eastern Daylight Time

Name: I46771
ID: L2148526-07
Date: 15-Sep-2021
Time: 07:05:10
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOA



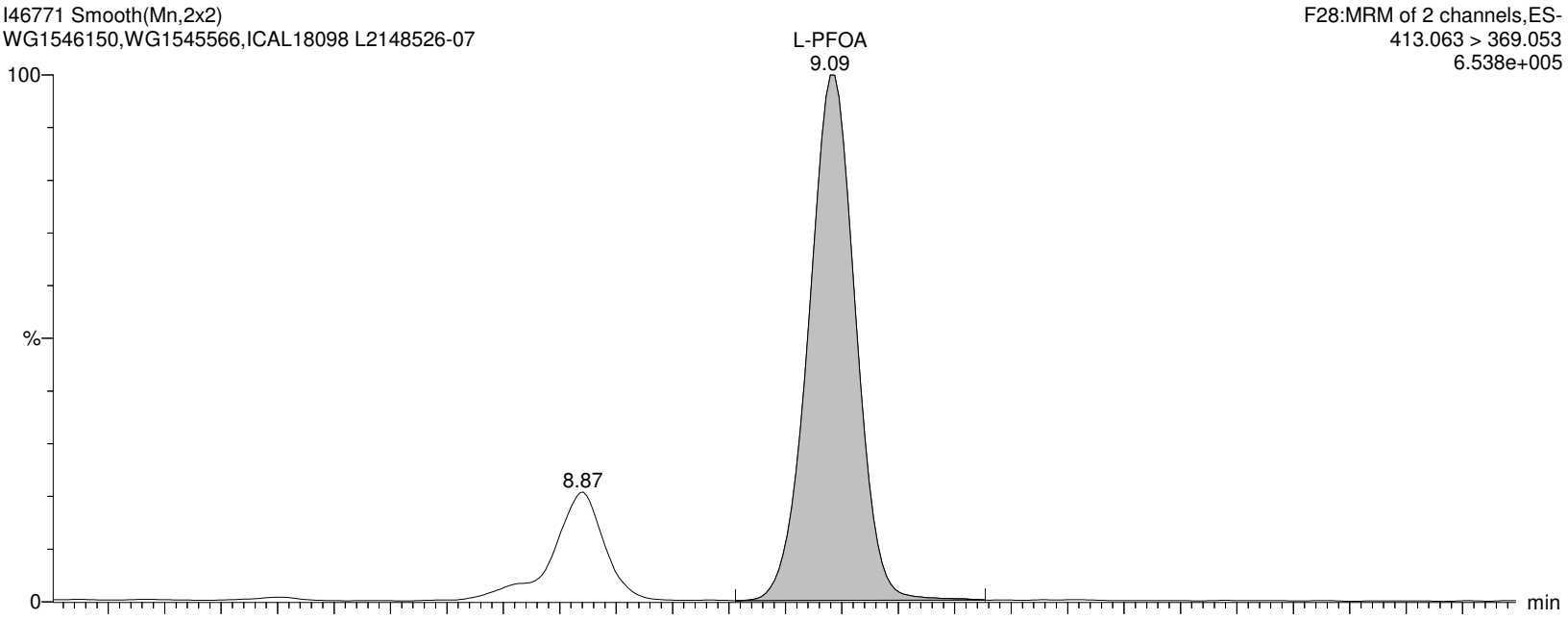


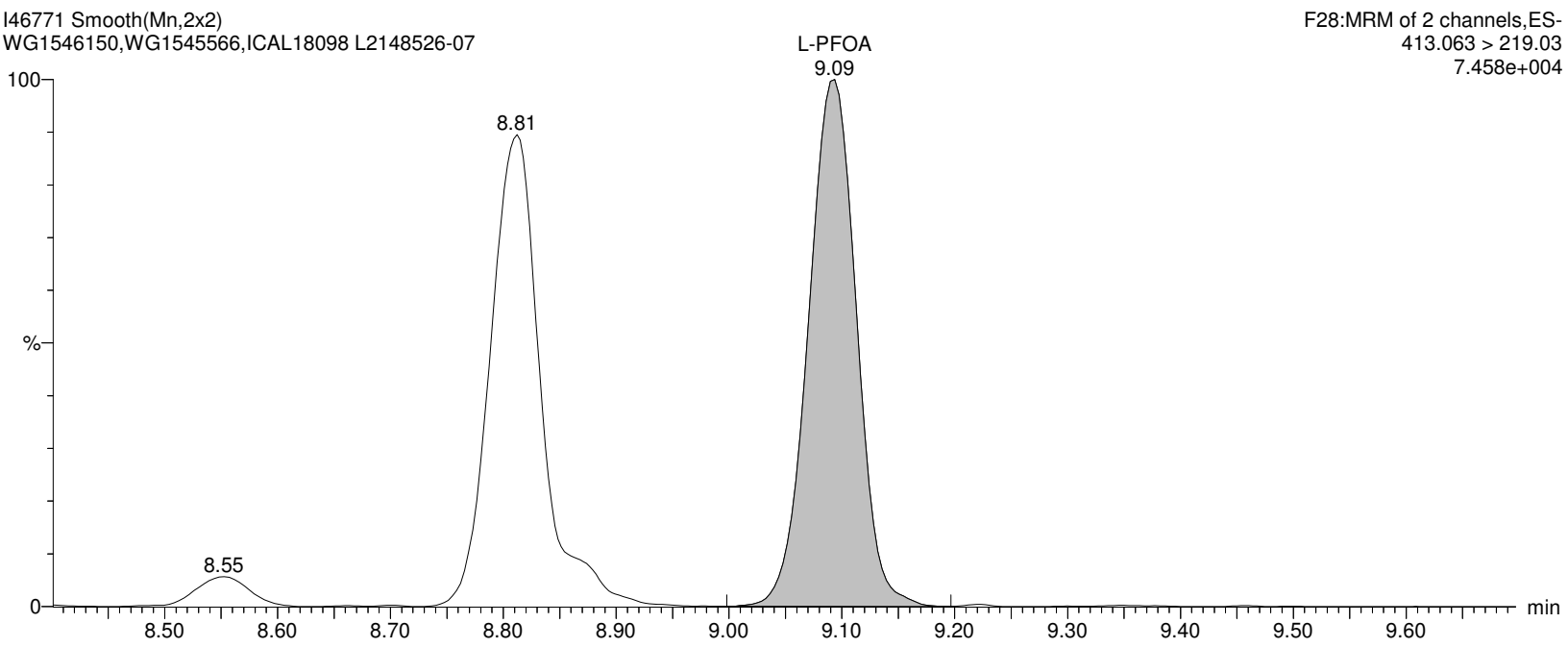
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:10 Eastern Daylight Time

Name: I46771
ID: L2148526-07
Date: 15-Sep-2021
Time: 07:05:10
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOA



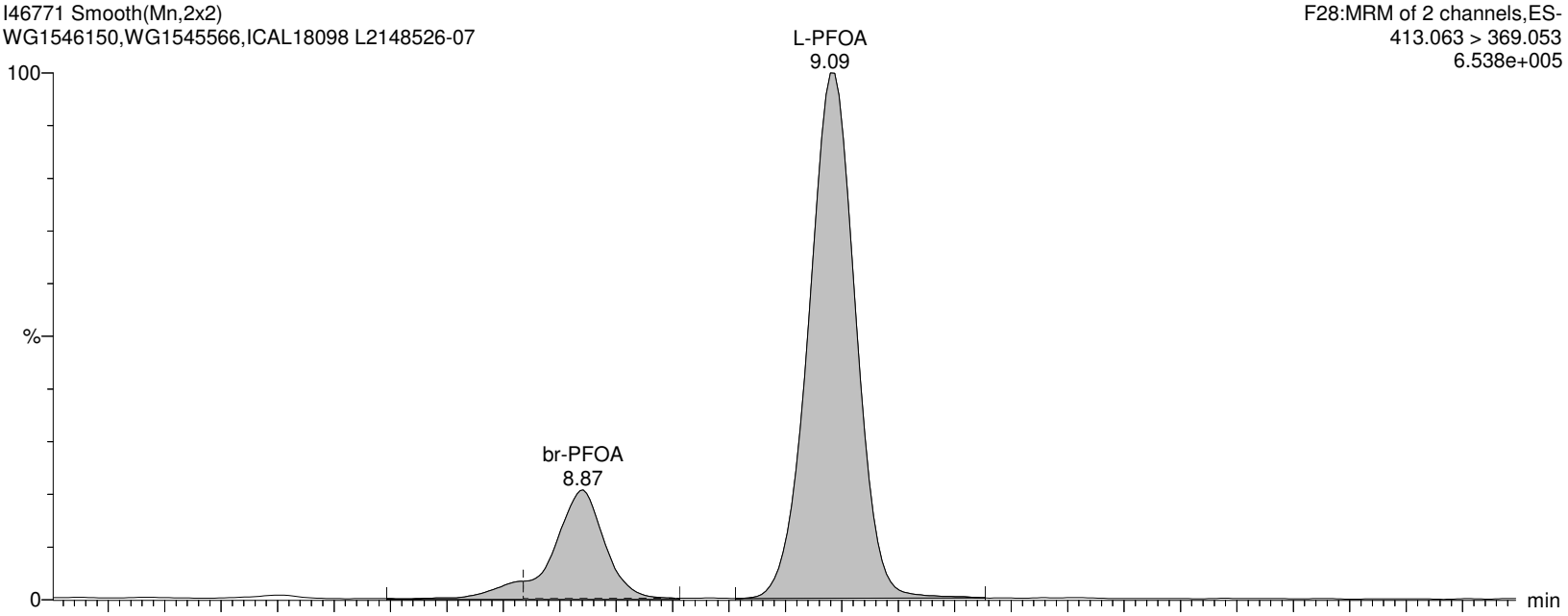


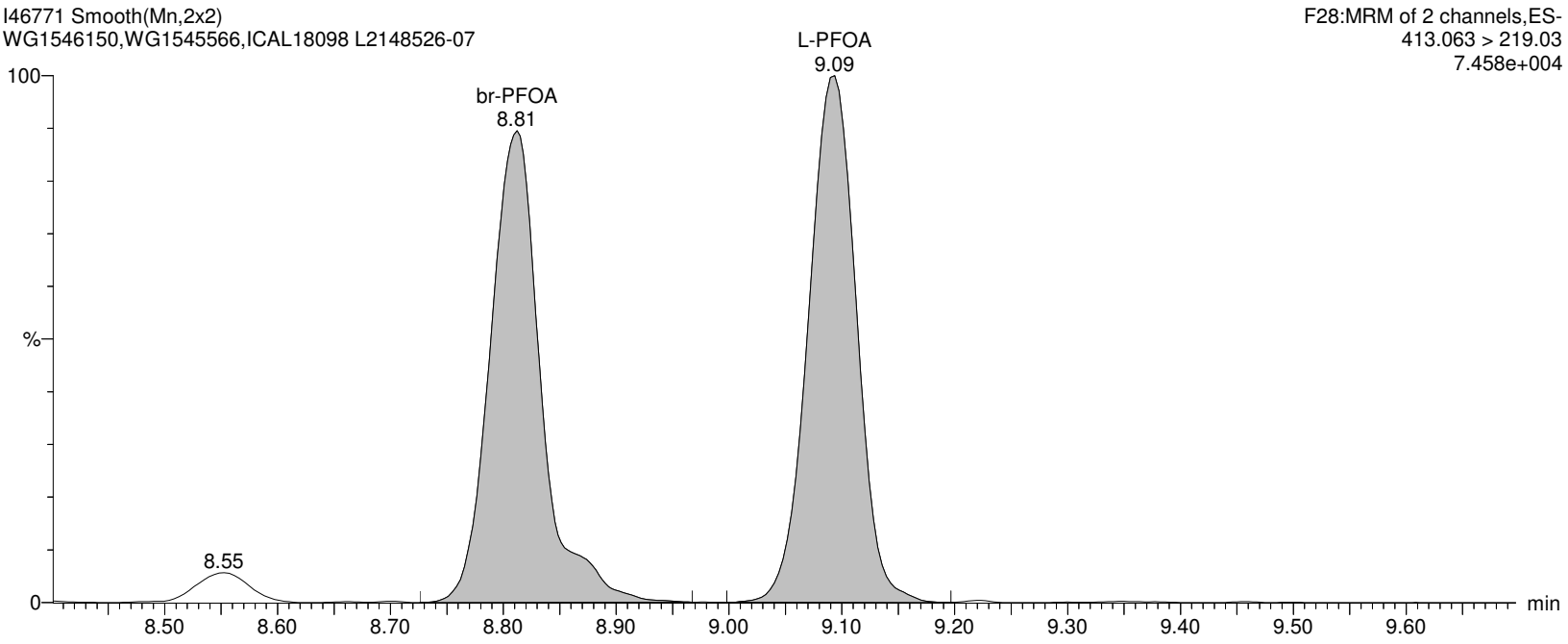
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:10 Eastern Daylight Time

Name: I46771
ID: L2148526-07
Date: 15-Sep-2021
Time: 07:05:10
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOA



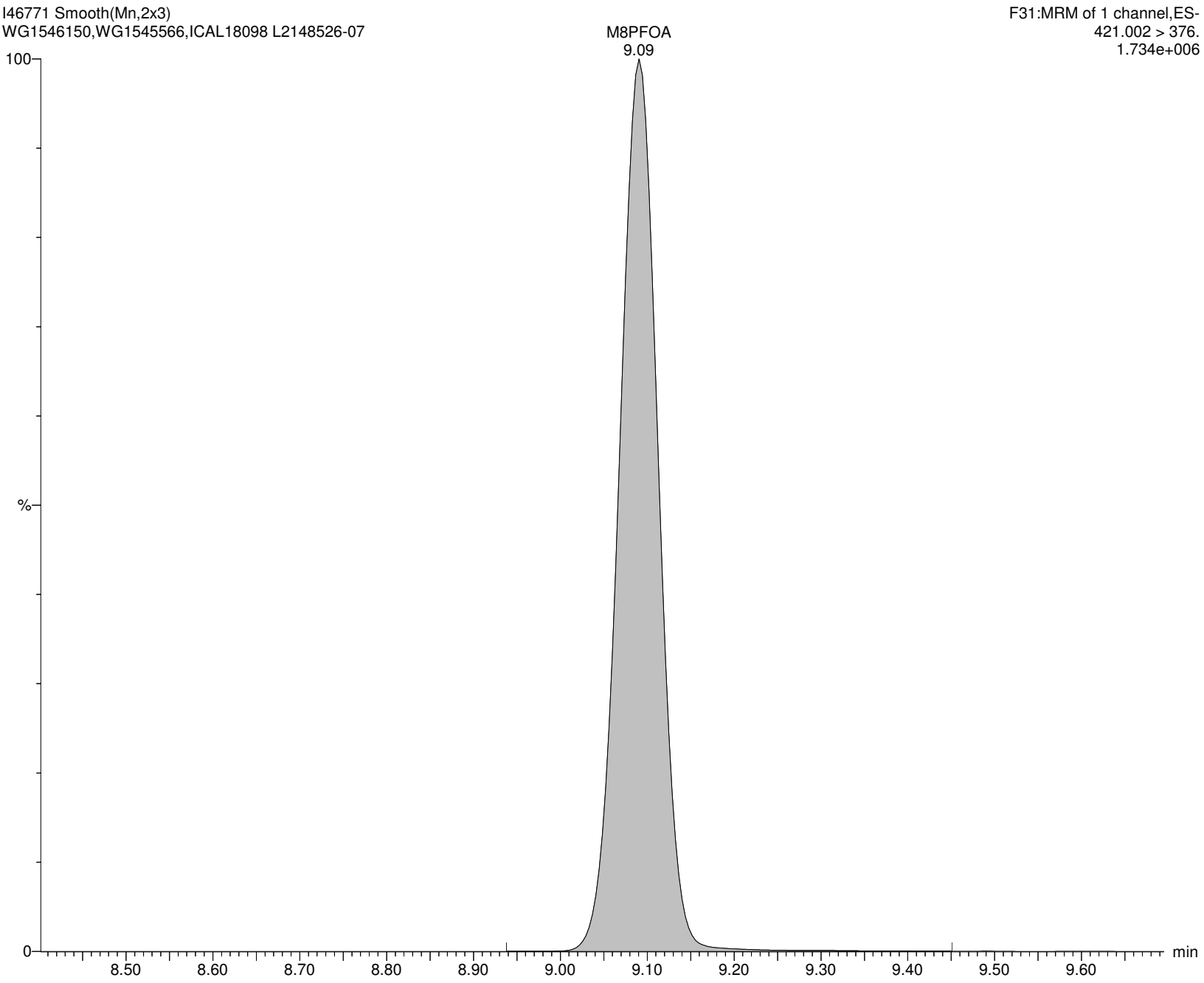


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:10 Eastern Daylight Time

Name: I46771
ID: L2148526-07
Date: 15-Sep-2021
Time: 07:05:10
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOA

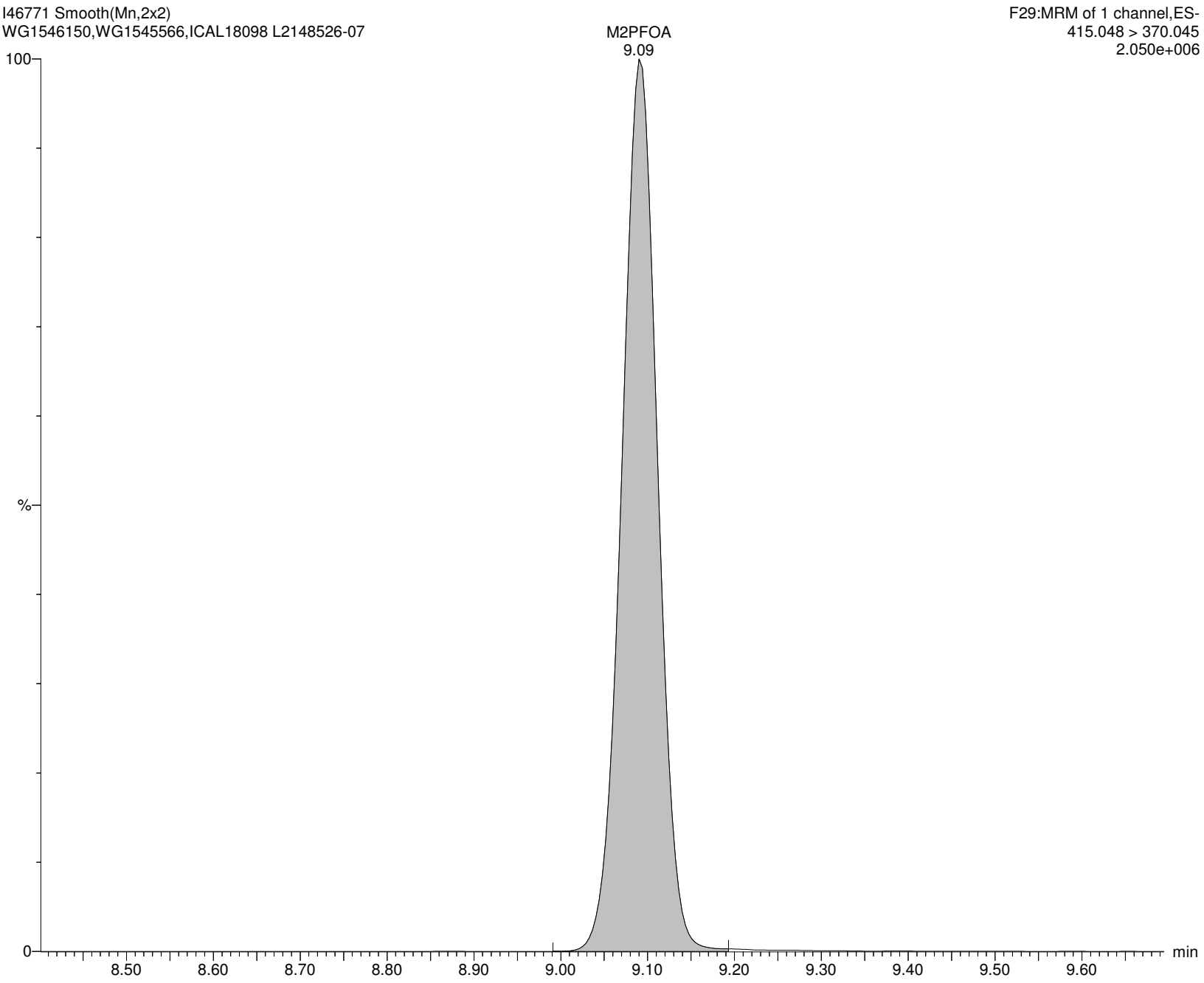


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:10 Eastern Daylight Time

Name: I46771
ID: L2148526-07
Date: 15-Sep-2021
Time: 07:05:10
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFOA

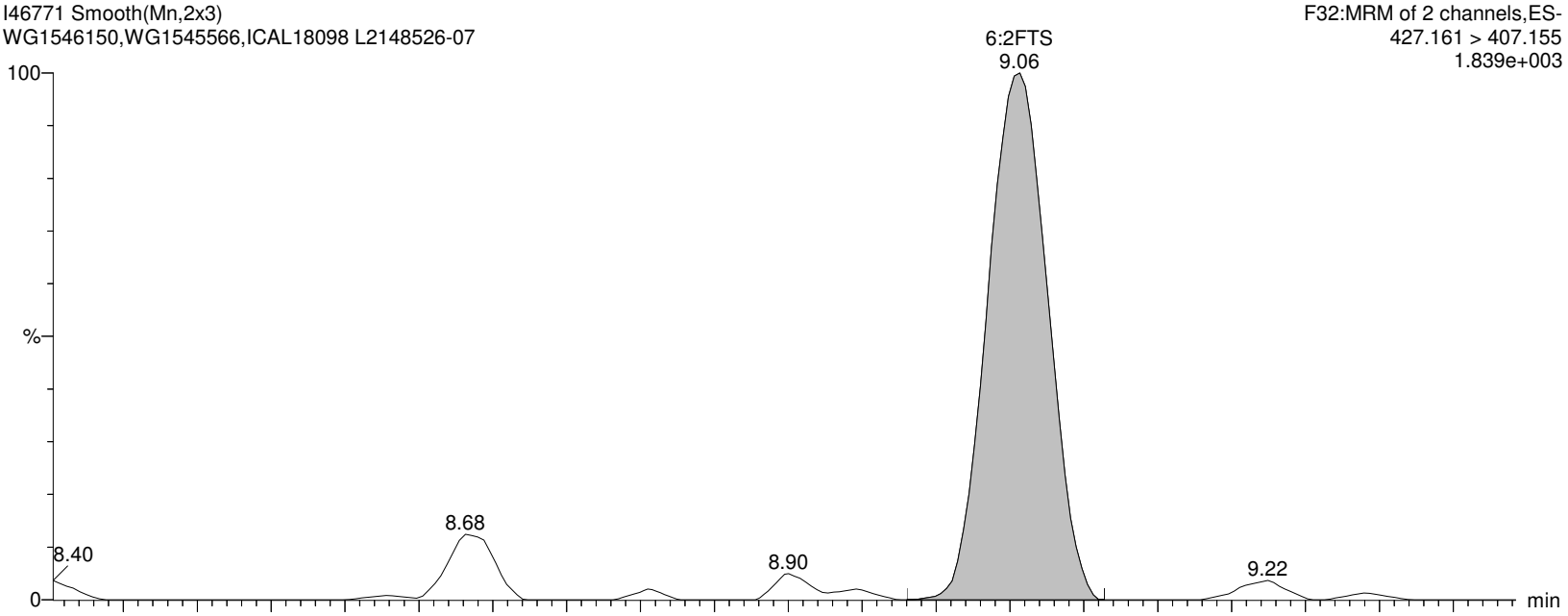


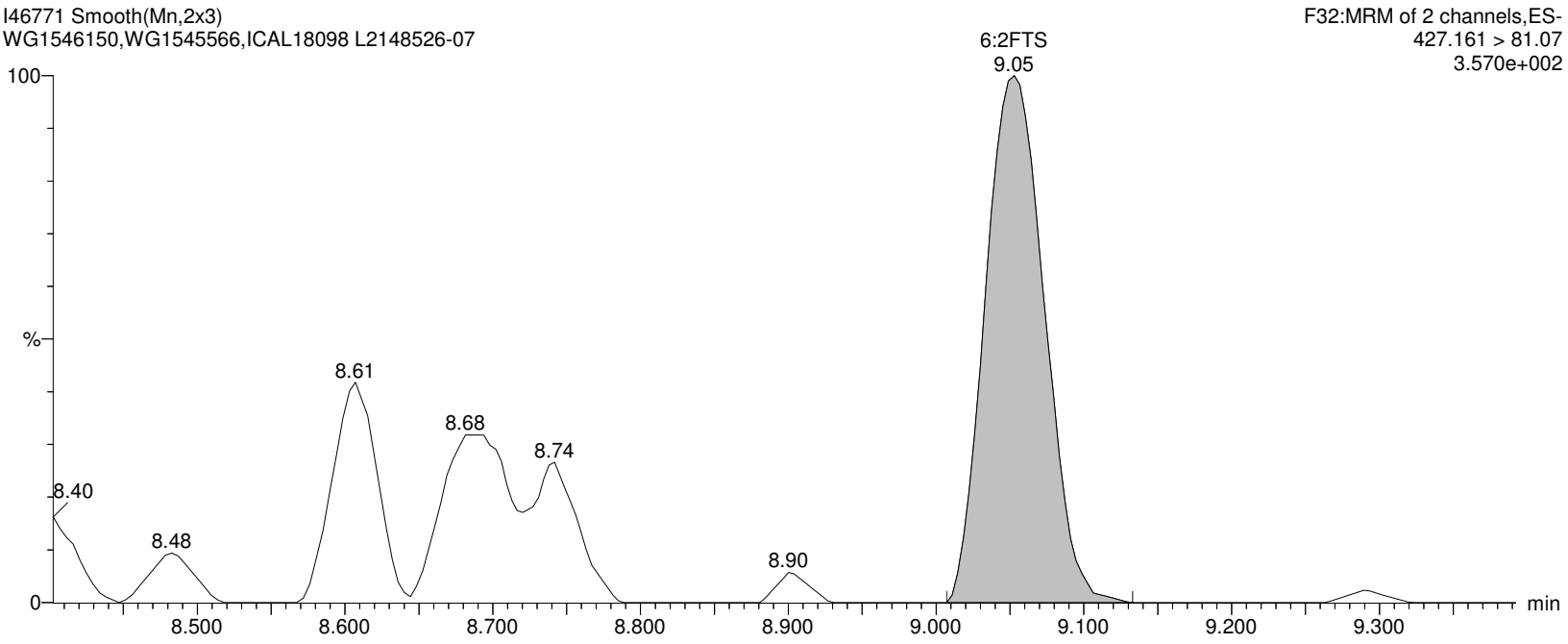
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:10 Eastern Daylight Time

Name: I46771
ID: L2148526-07
Date: 15-Sep-2021
Time: 07:05:10
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

6:2FTS



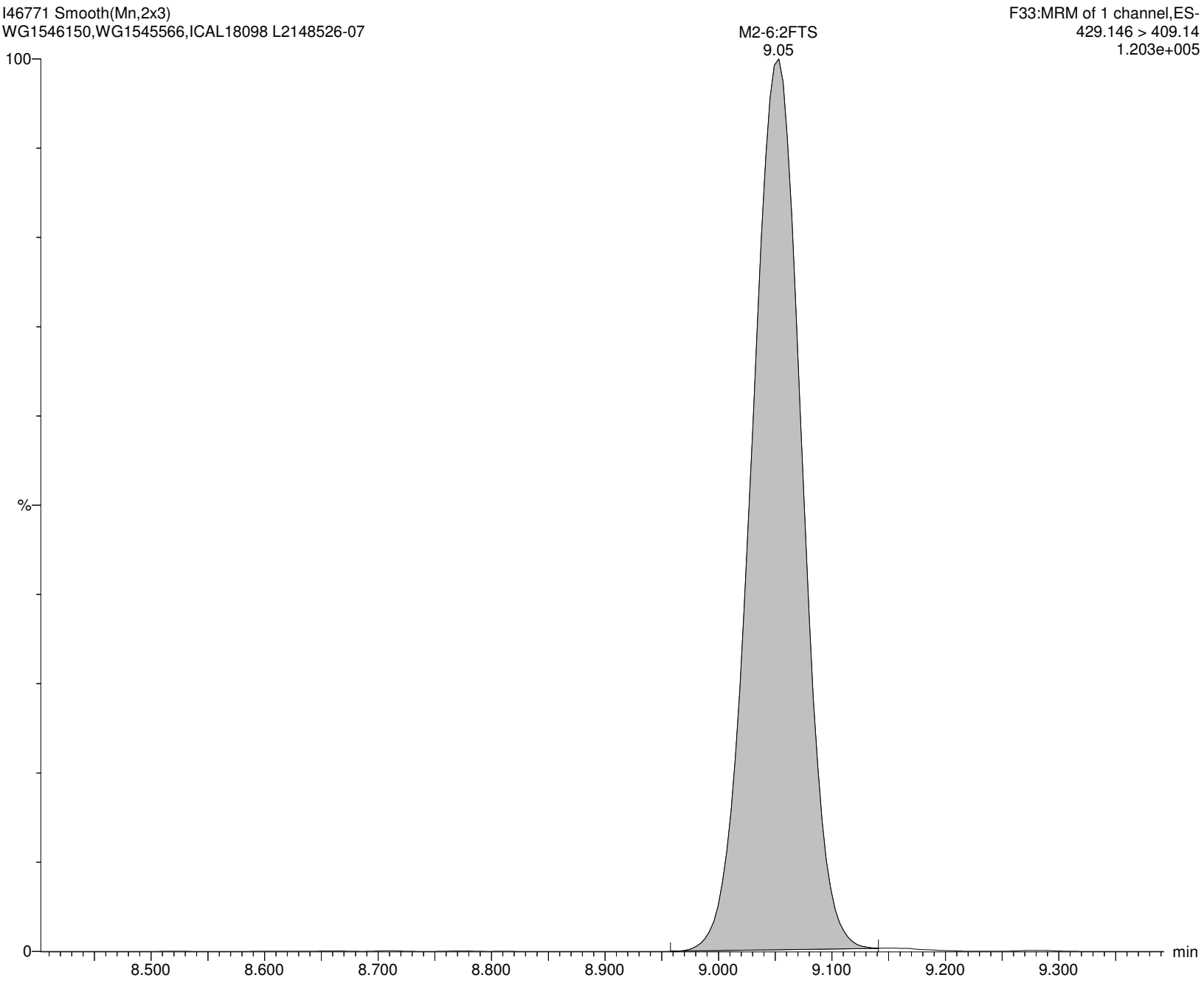


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:10 Eastern Daylight Time

Name: I46771
ID: L2148526-07
Date: 15-Sep-2021
Time: 07:05:10
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-6:2FTS

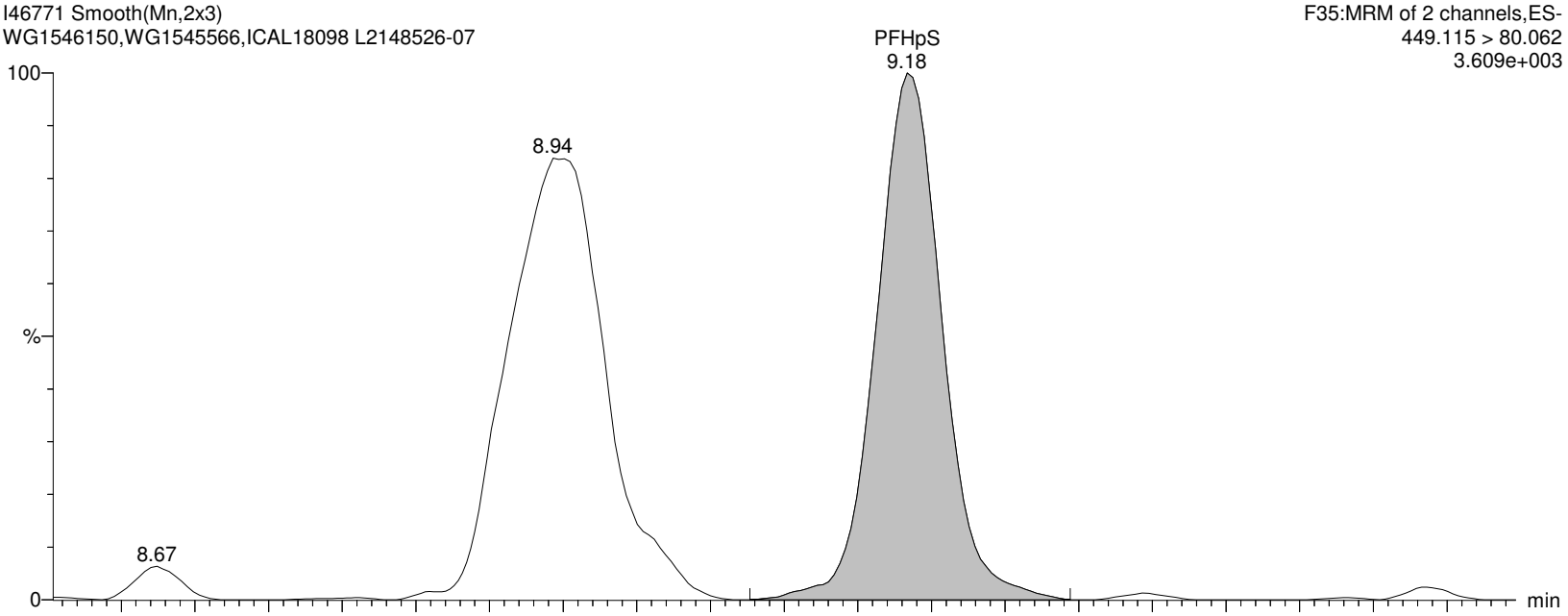


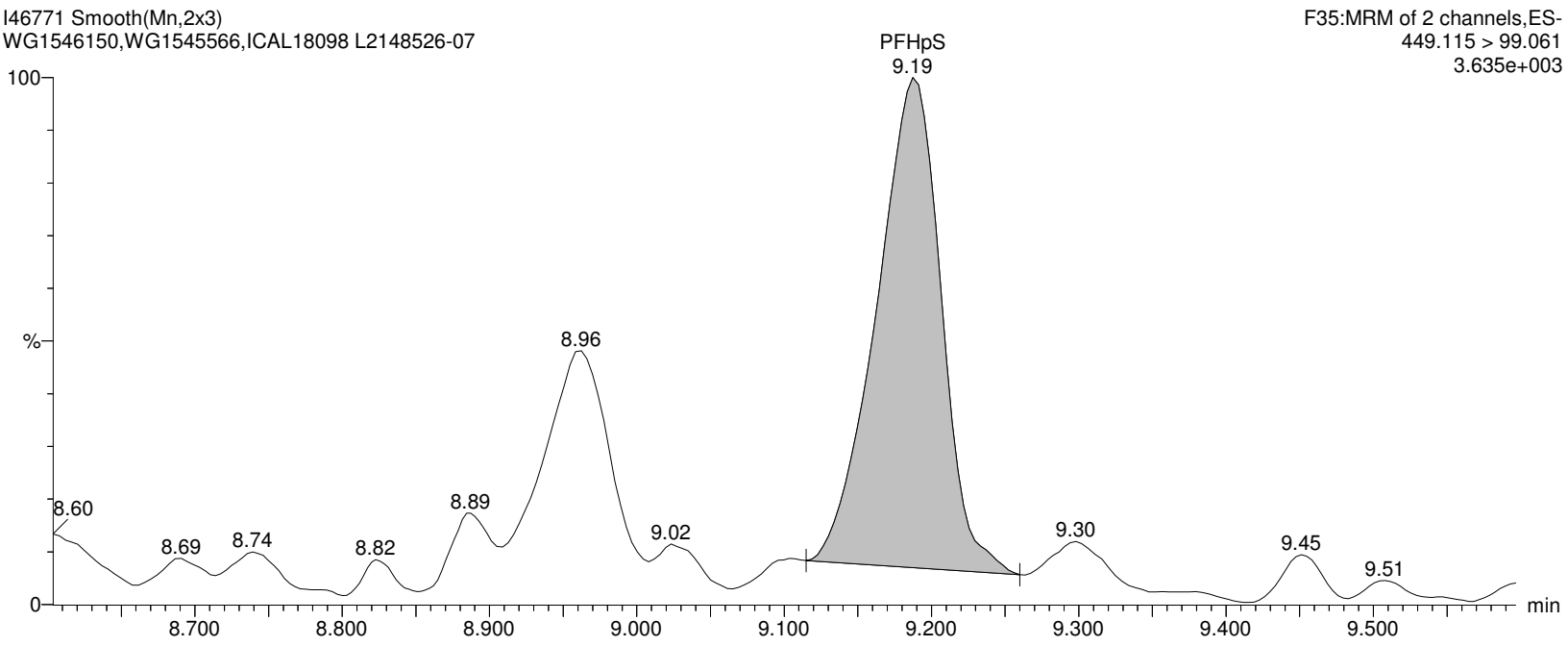
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:10 Eastern Daylight Time

Name: I46771
ID: L2148526-07
Date: 15-Sep-2021
Time: 07:05:10
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpS



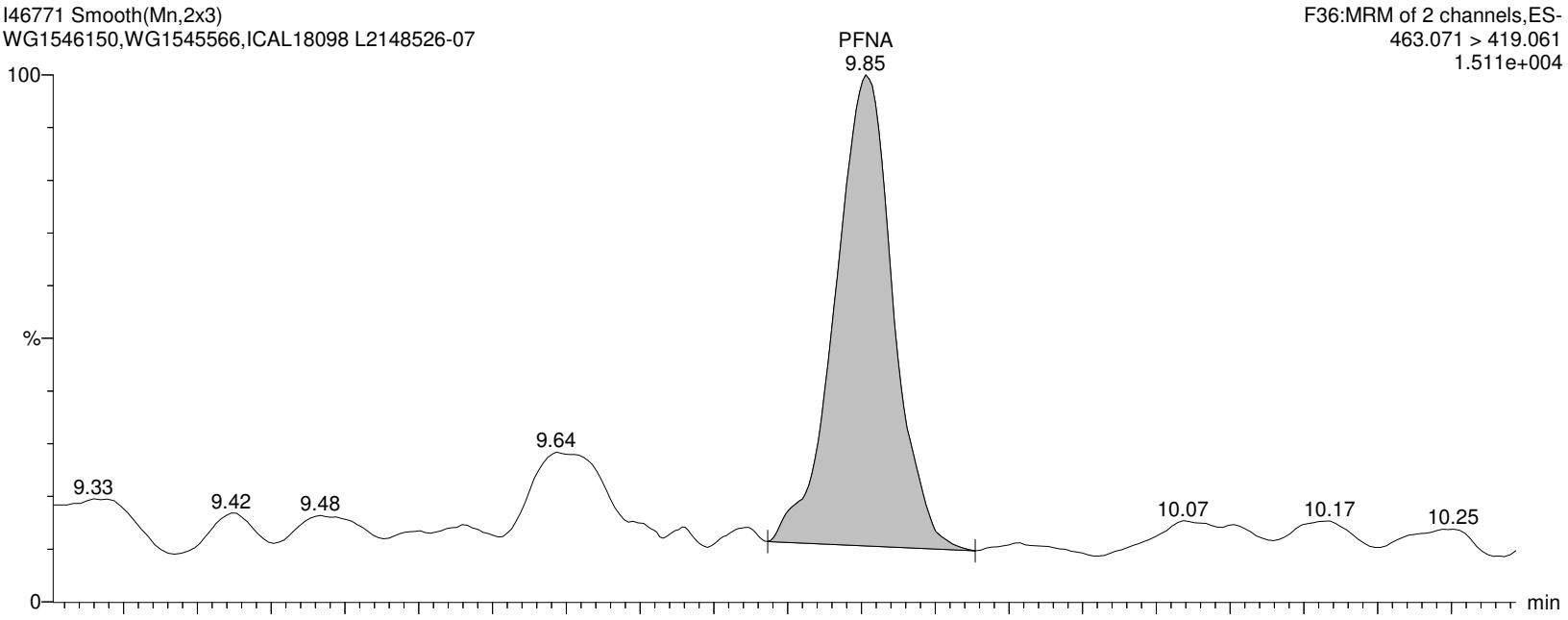


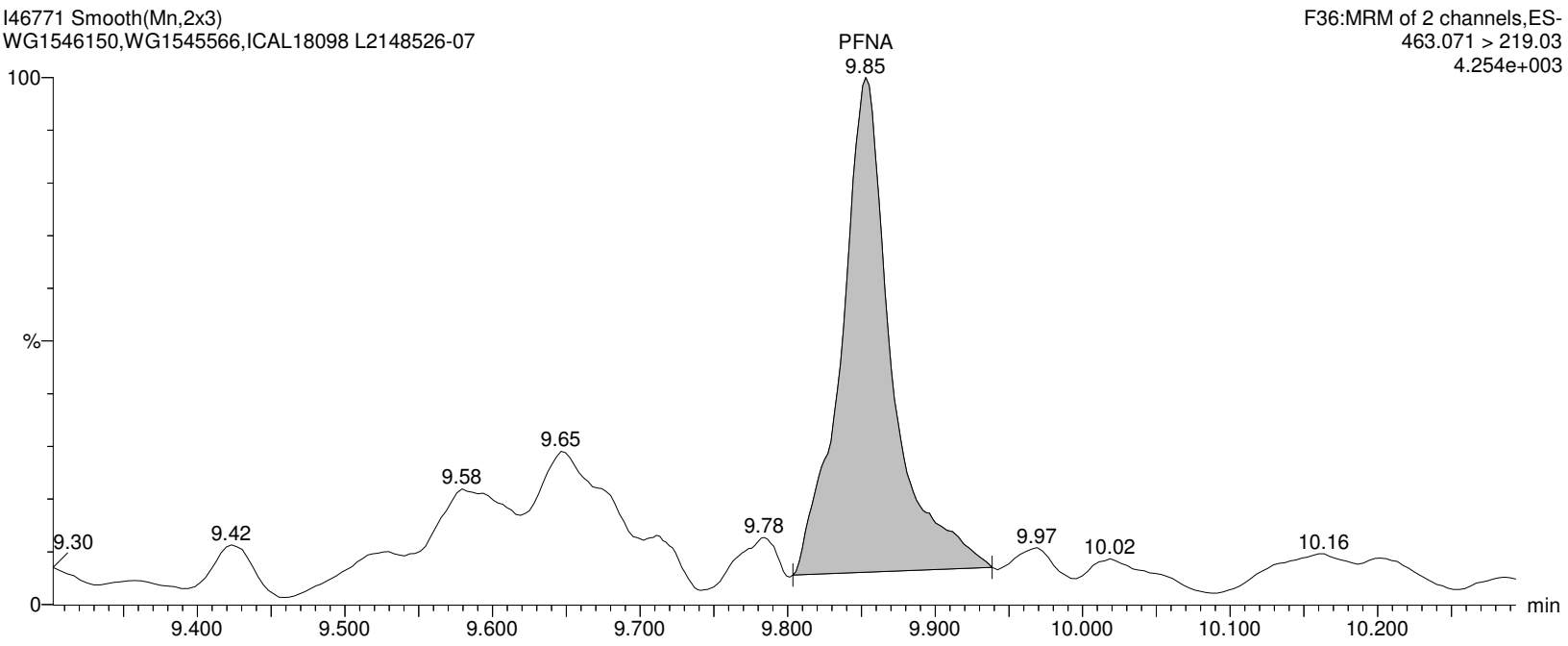
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:10 Eastern Daylight Time

Name: I46771
ID: L2148526-07
Date: 15-Sep-2021
Time: 07:05:10
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNA



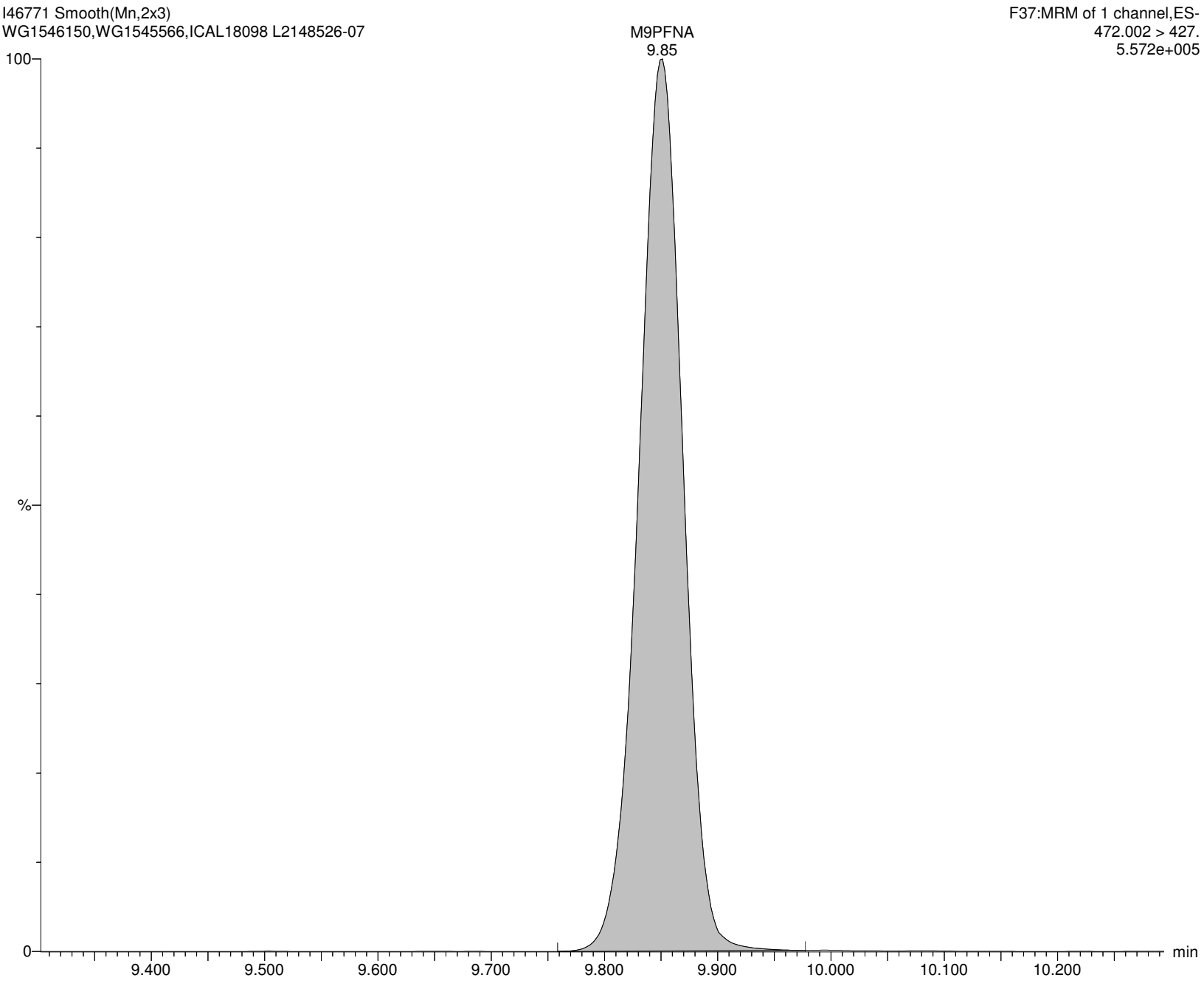


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:10 Eastern Daylight Time

Name: I46771
ID: L2148526-07
Date: 15-Sep-2021
Time: 07:05:10
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M9PFNA

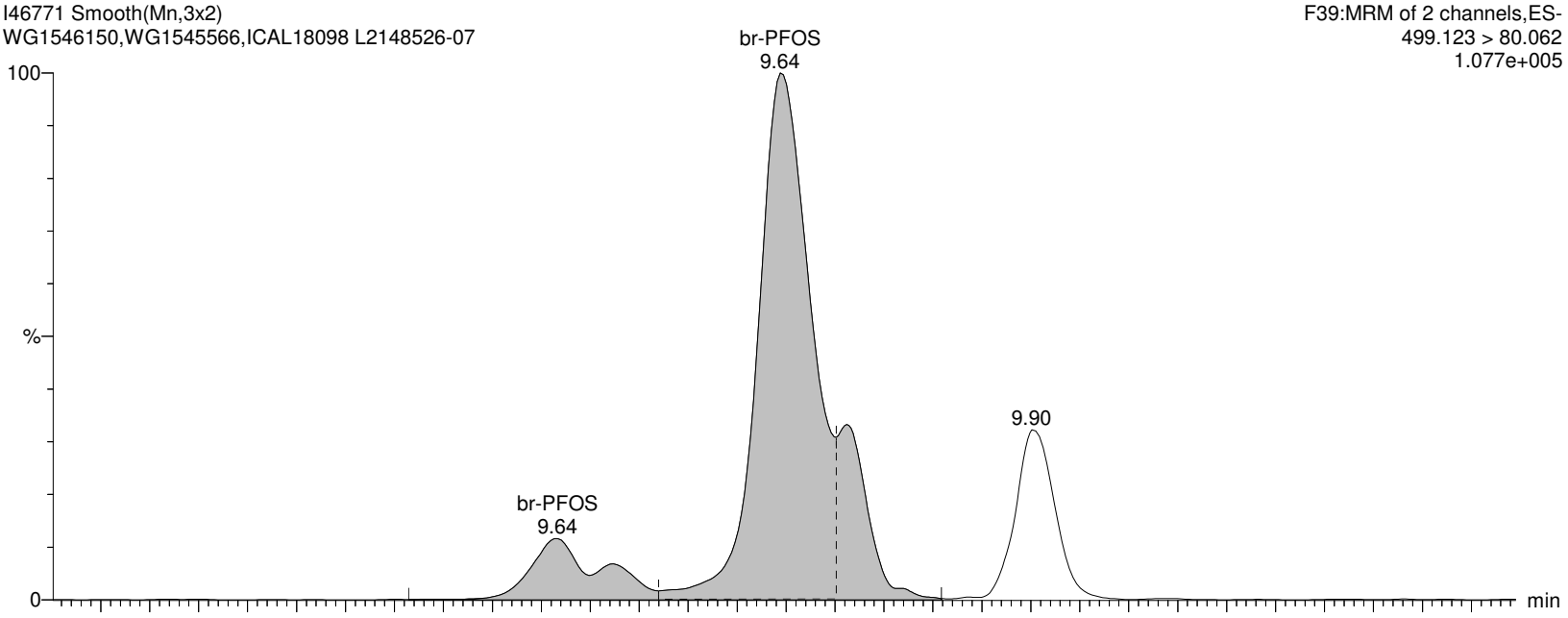


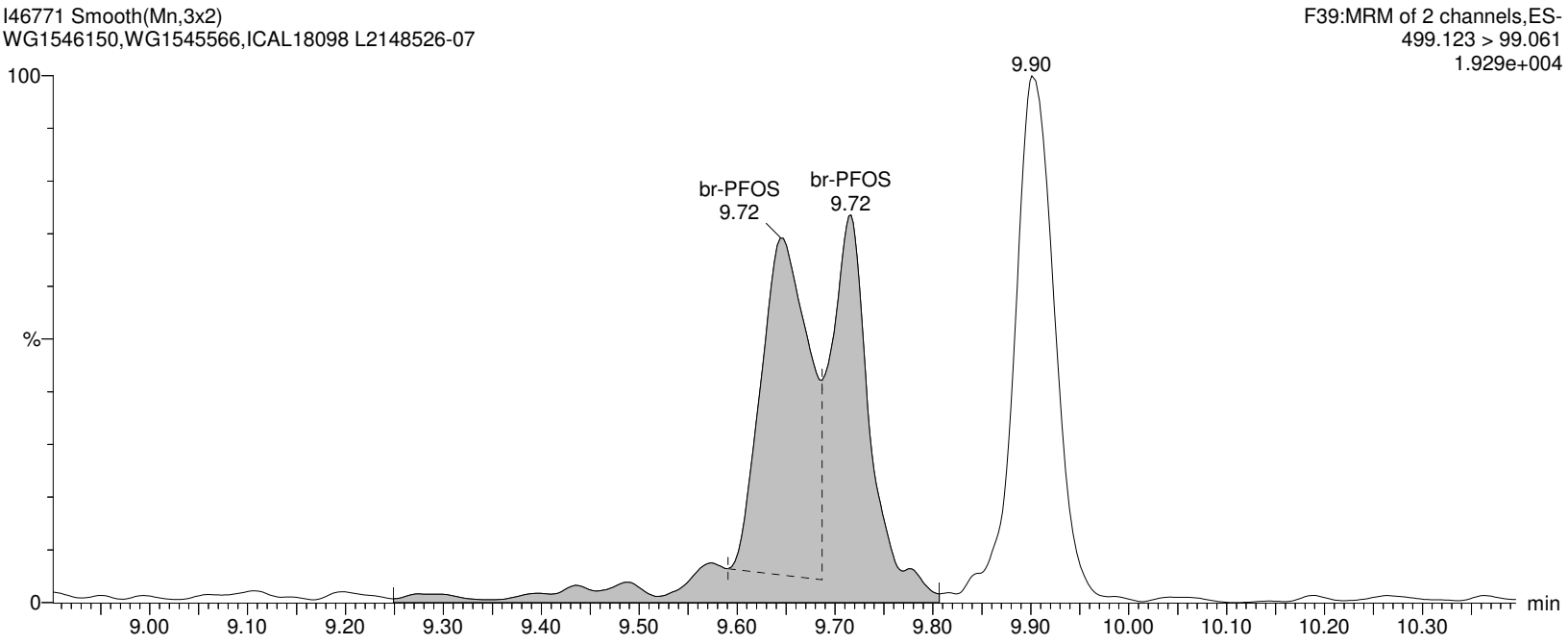
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:10 Eastern Daylight Time

Name: I46771
ID: L2148526-07
Date: 15-Sep-2021
Time: 07:05:10
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOS



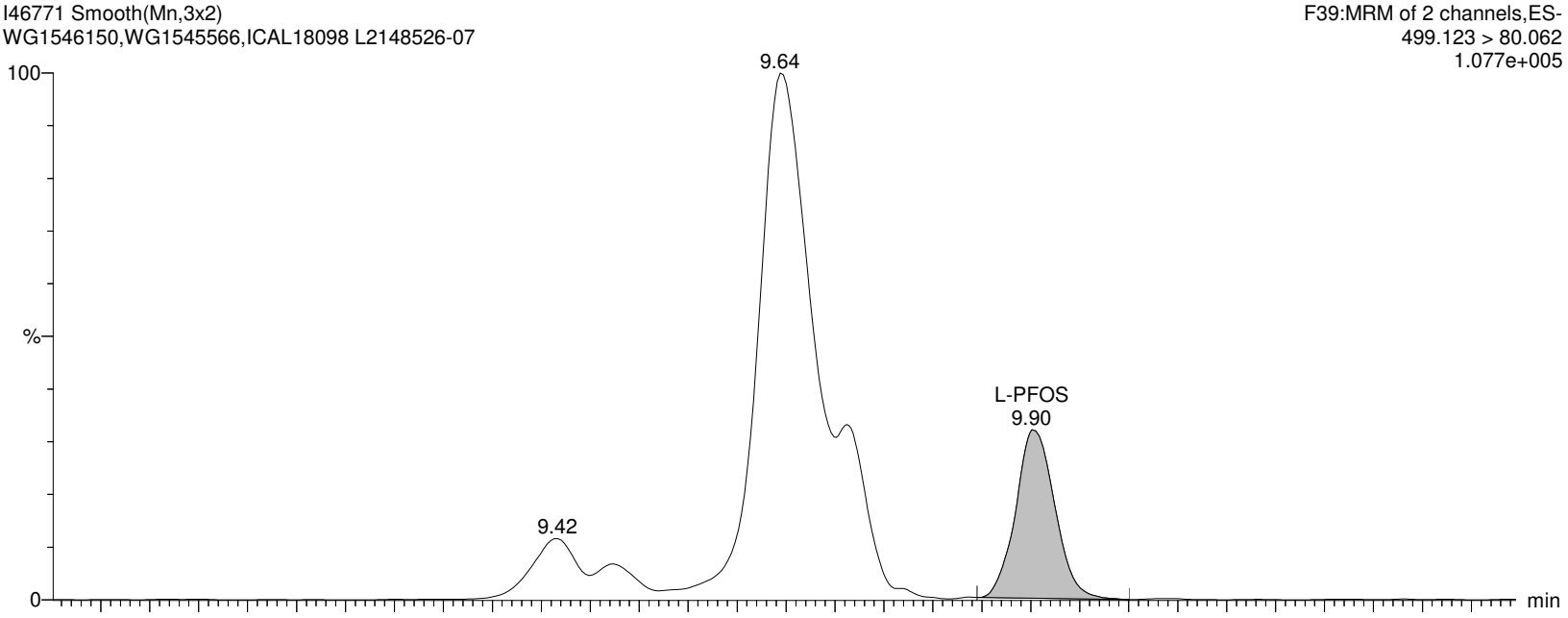


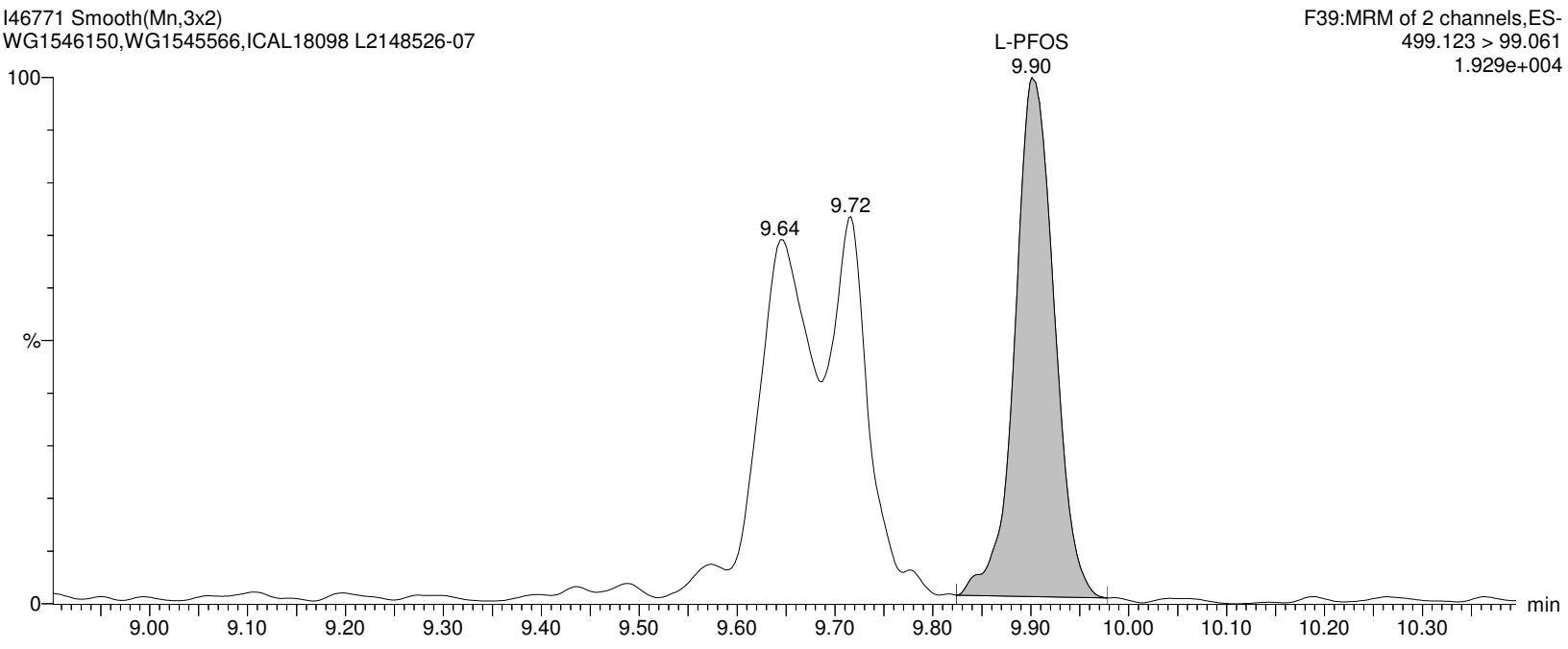
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:10 Eastern Daylight Time

Name: I46771
ID: L2148526-07
Date: 15-Sep-2021
Time: 07:05:10
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOS



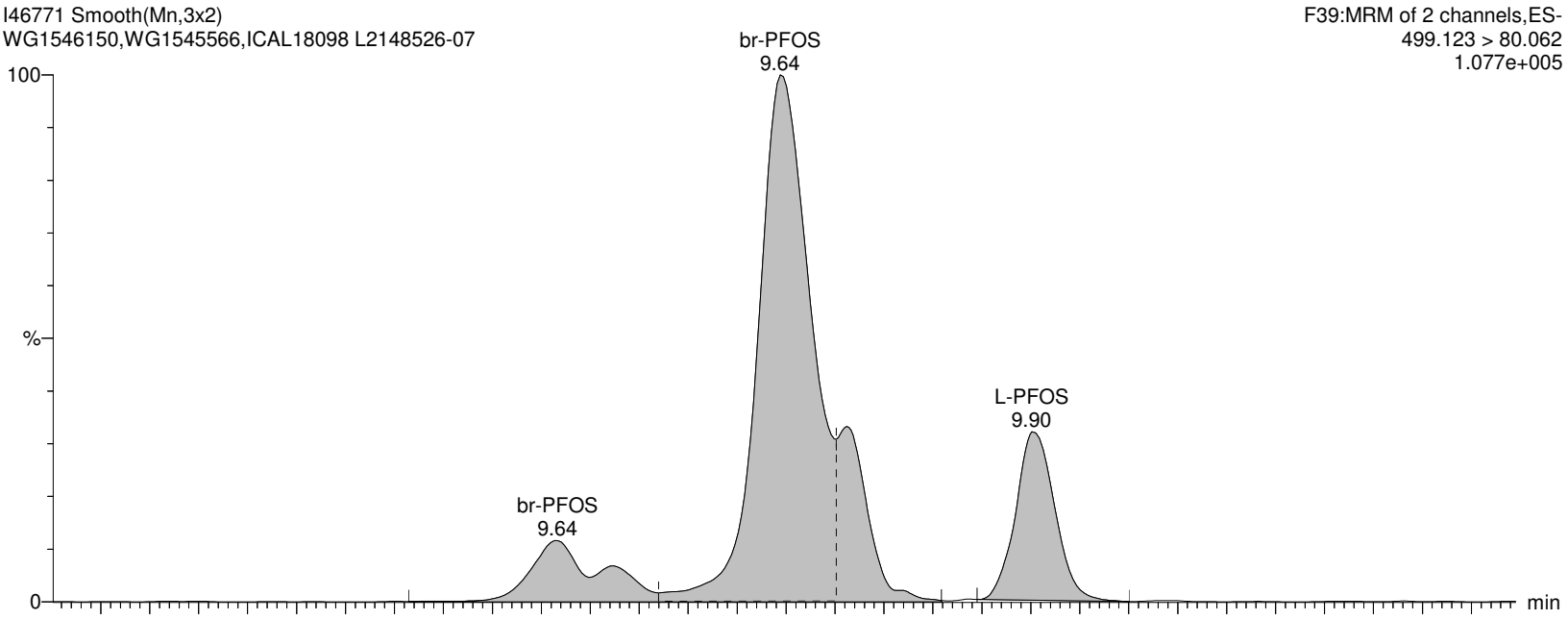


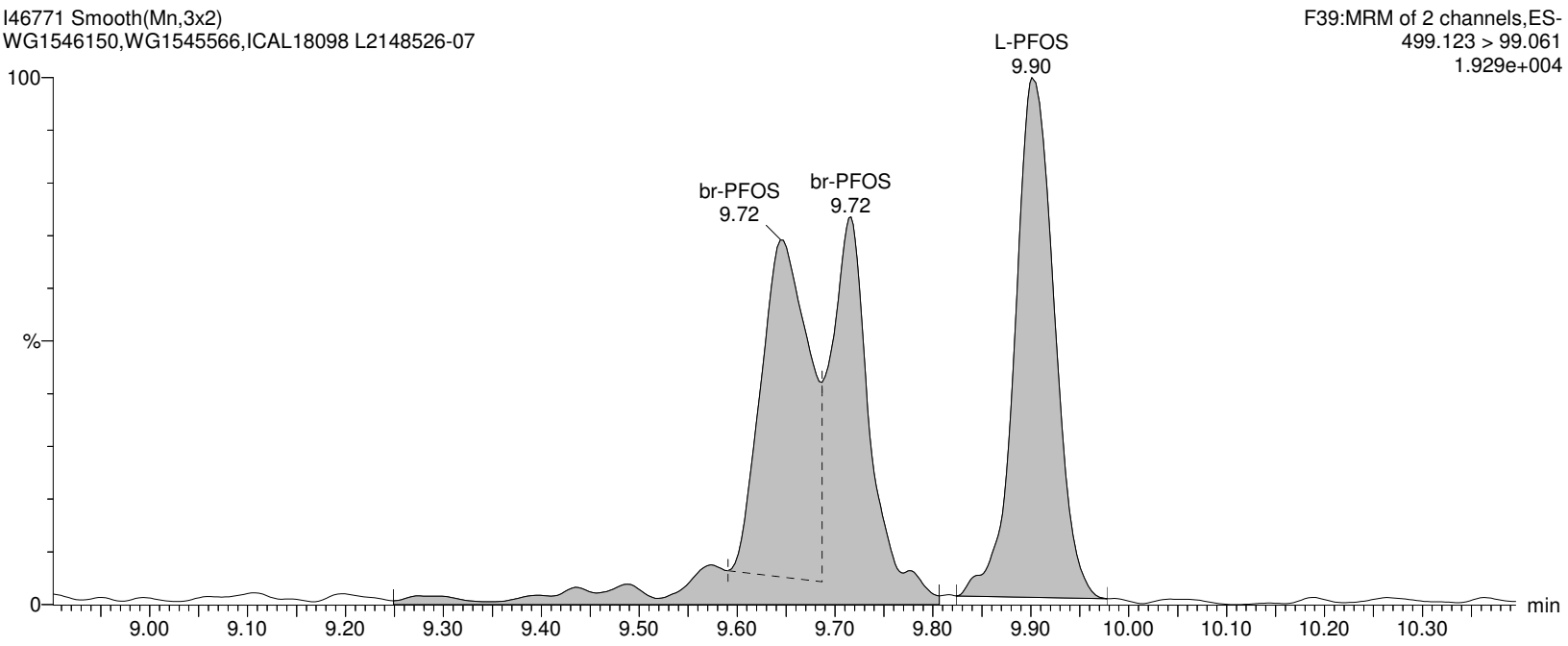
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:10 Eastern Daylight Time

Name: I46771
ID: L2148526-07
Date: 15-Sep-2021
Time: 07:05:10
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOS



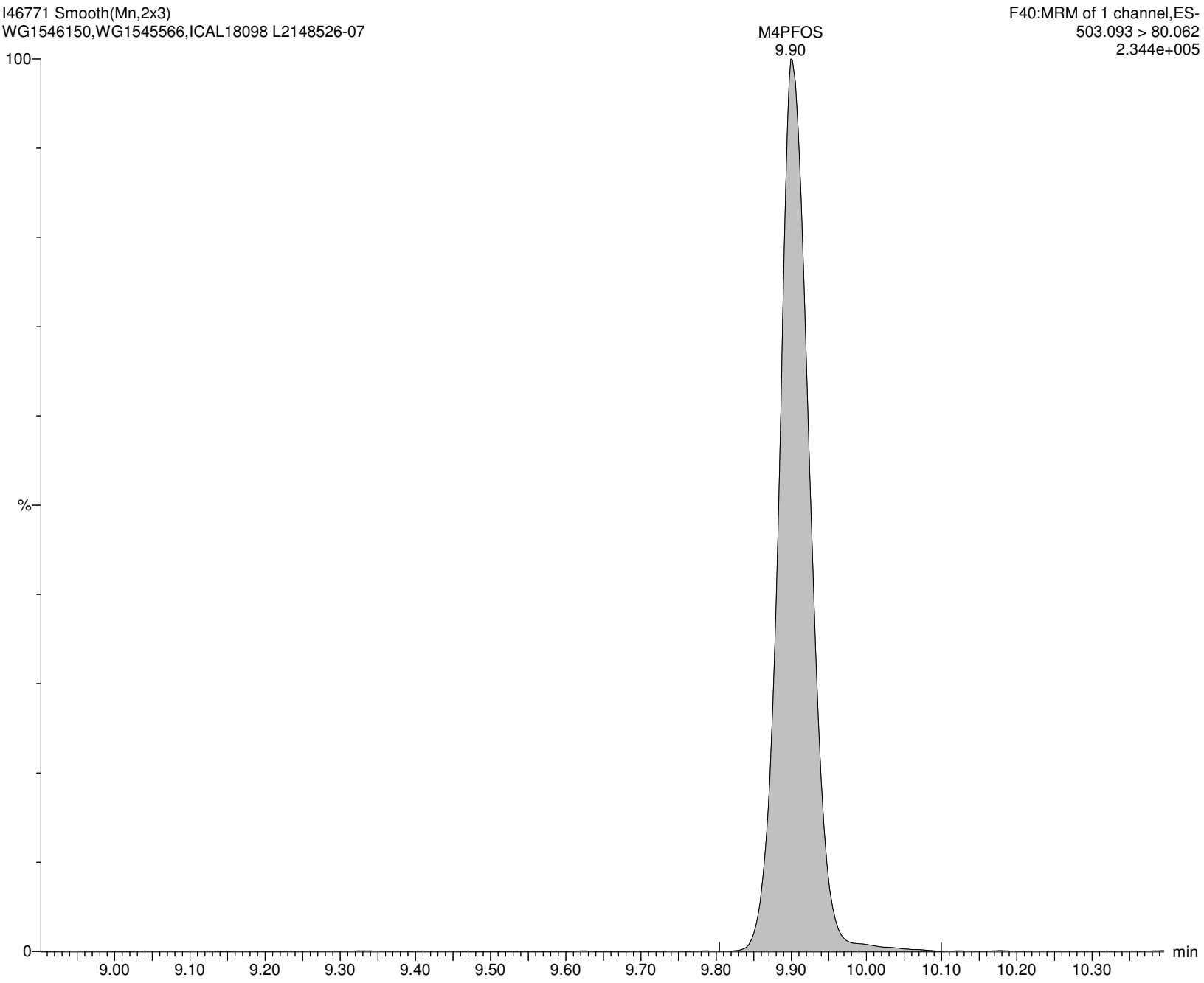


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:10 Eastern Daylight Time

Name: I46771
ID: L2148526-07
Date: 15-Sep-2021
Time: 07:05:10
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOS

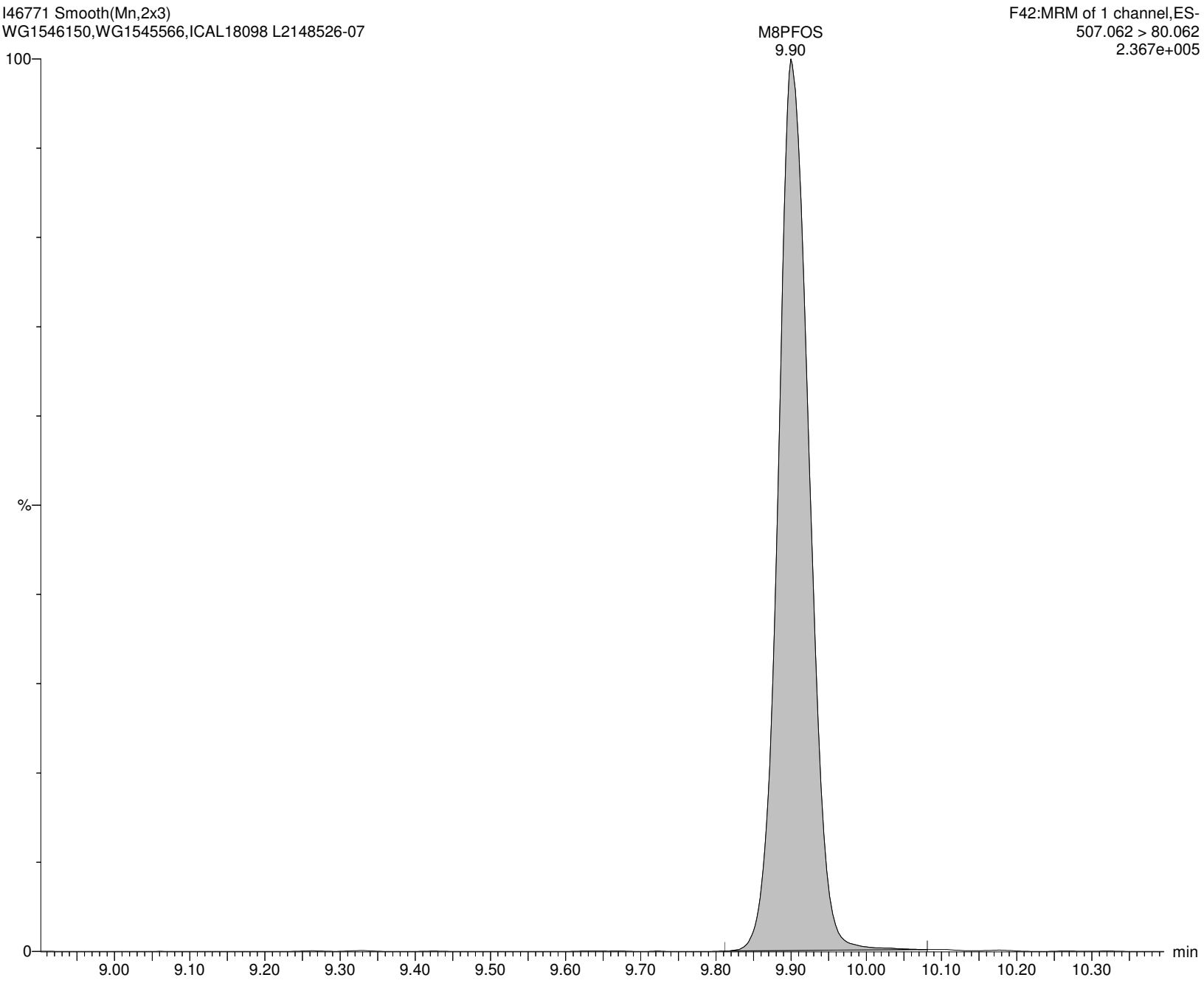


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:10 Eastern Daylight Time

Name: I46771
ID: L2148526-07
Date: 15-Sep-2021
Time: 07:05:10
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOS

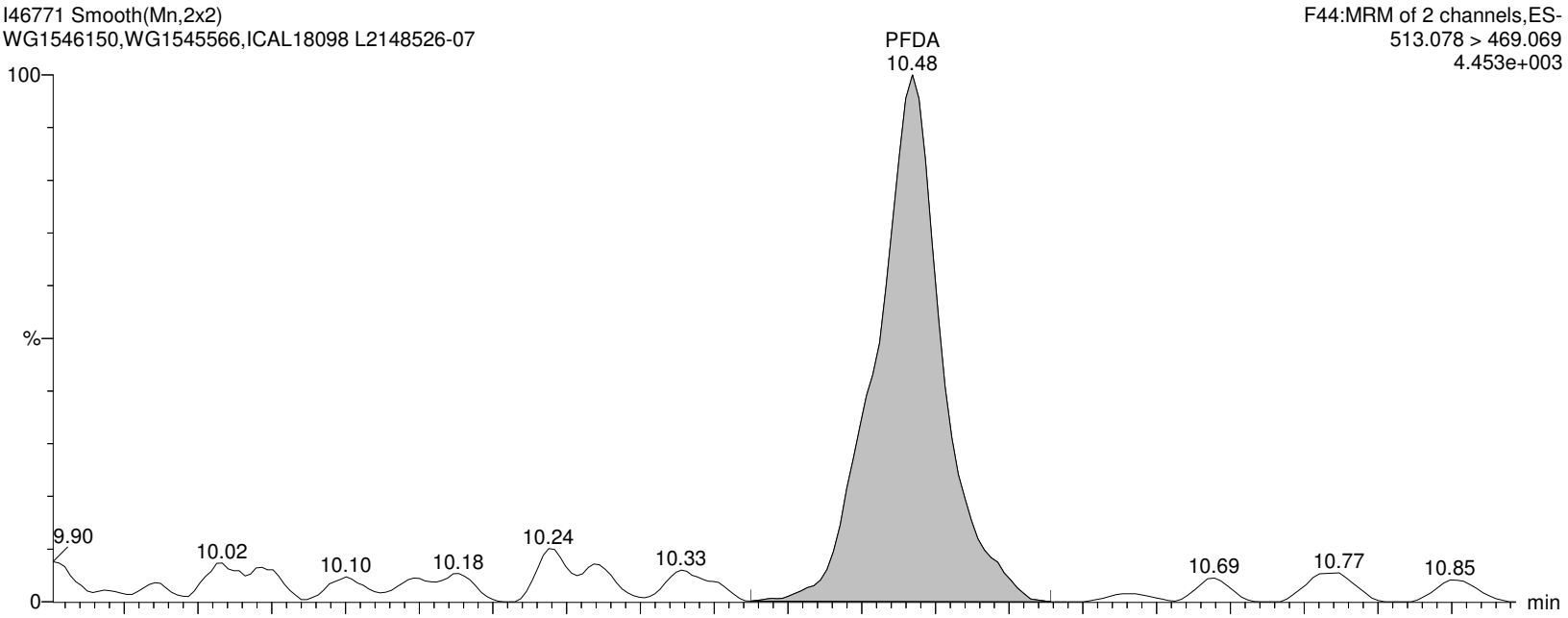


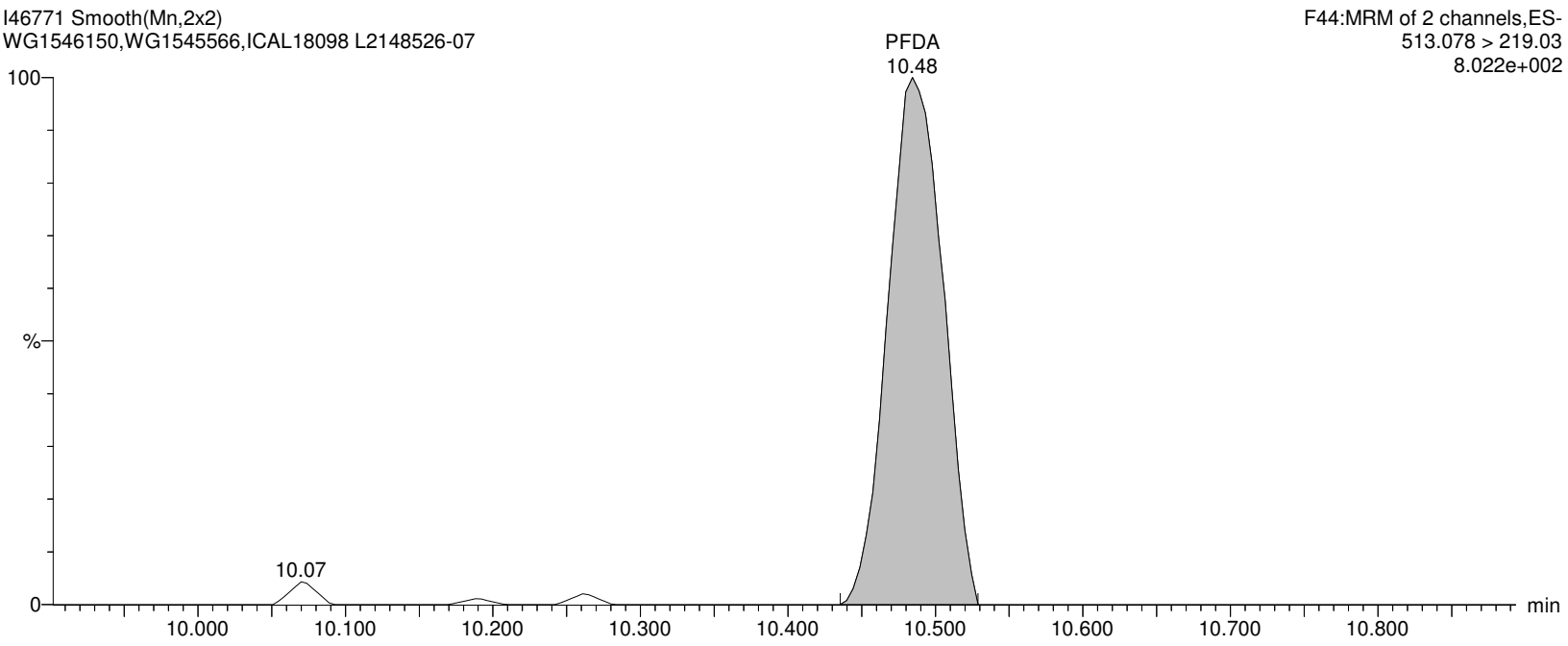
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:10 Eastern Daylight Time

Name: I46771
ID: L2148526-07
Date: 15-Sep-2021
Time: 07:05:10
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDA



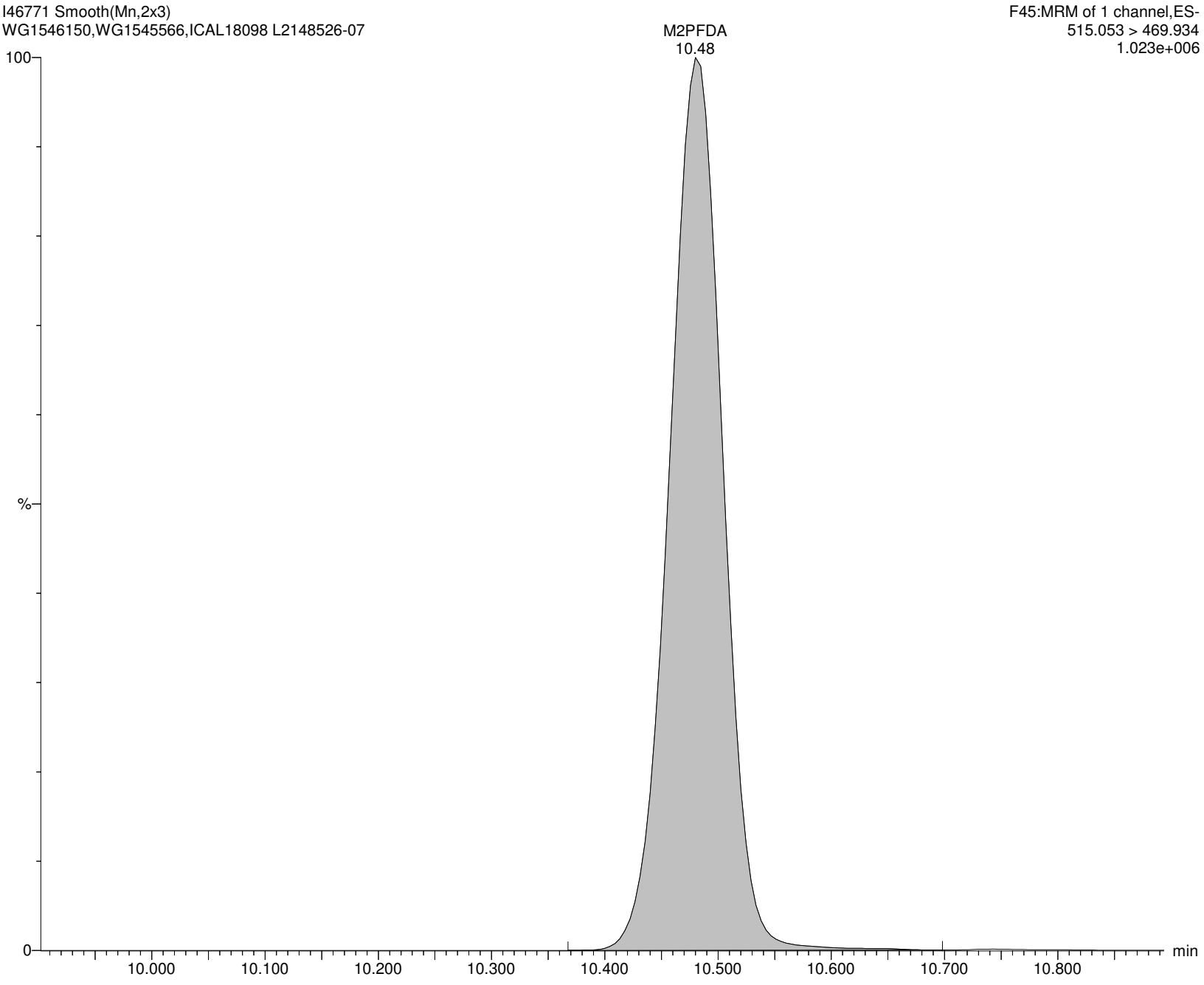


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:10 Eastern Daylight Time

Name: I46771
ID: L2148526-07
Date: 15-Sep-2021
Time: 07:05:10
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFDA

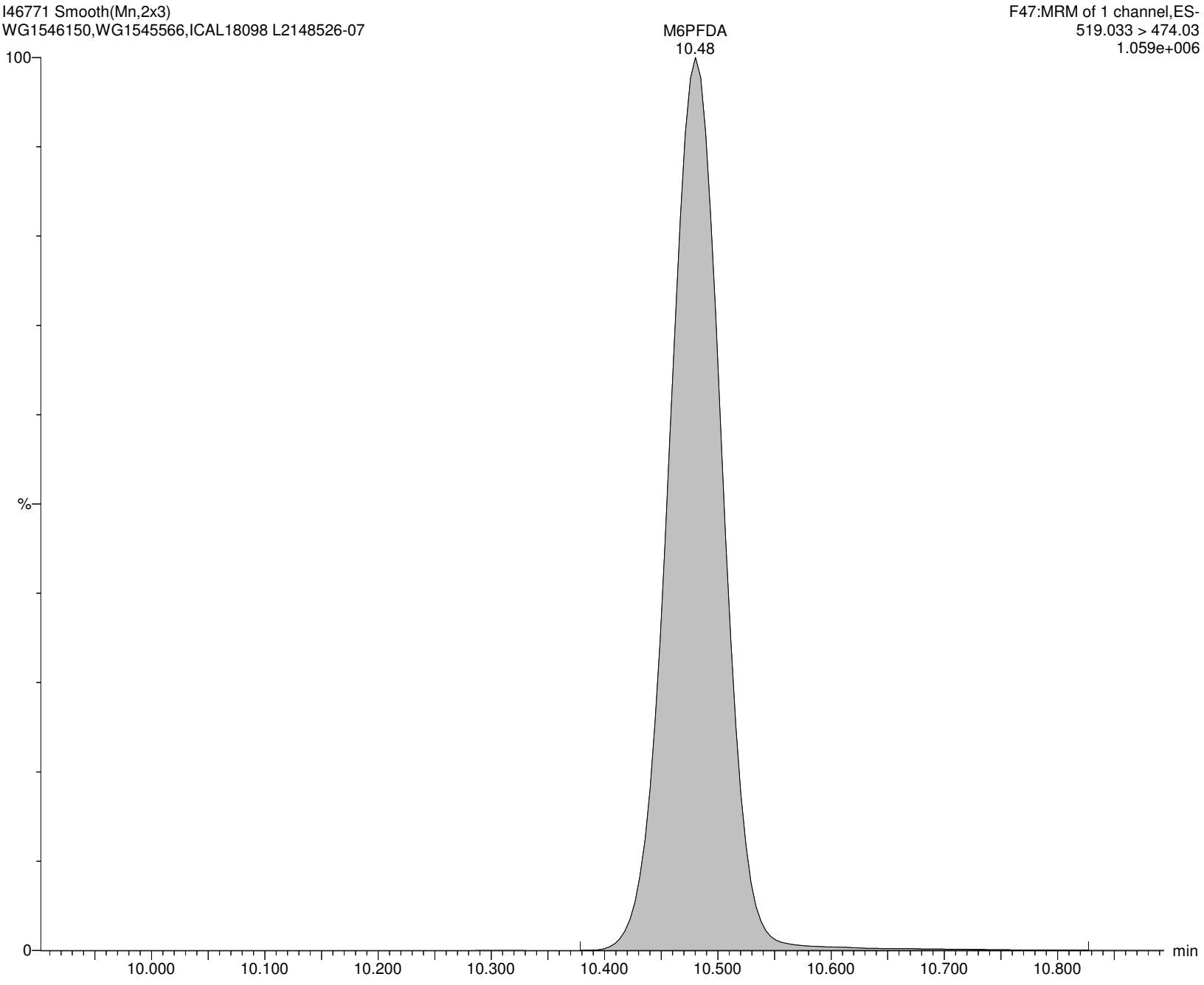


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:10 Eastern Daylight Time

Name: I46771
ID: L2148526-07
Date: 15-Sep-2021
Time: 07:05:10
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M6PFDA

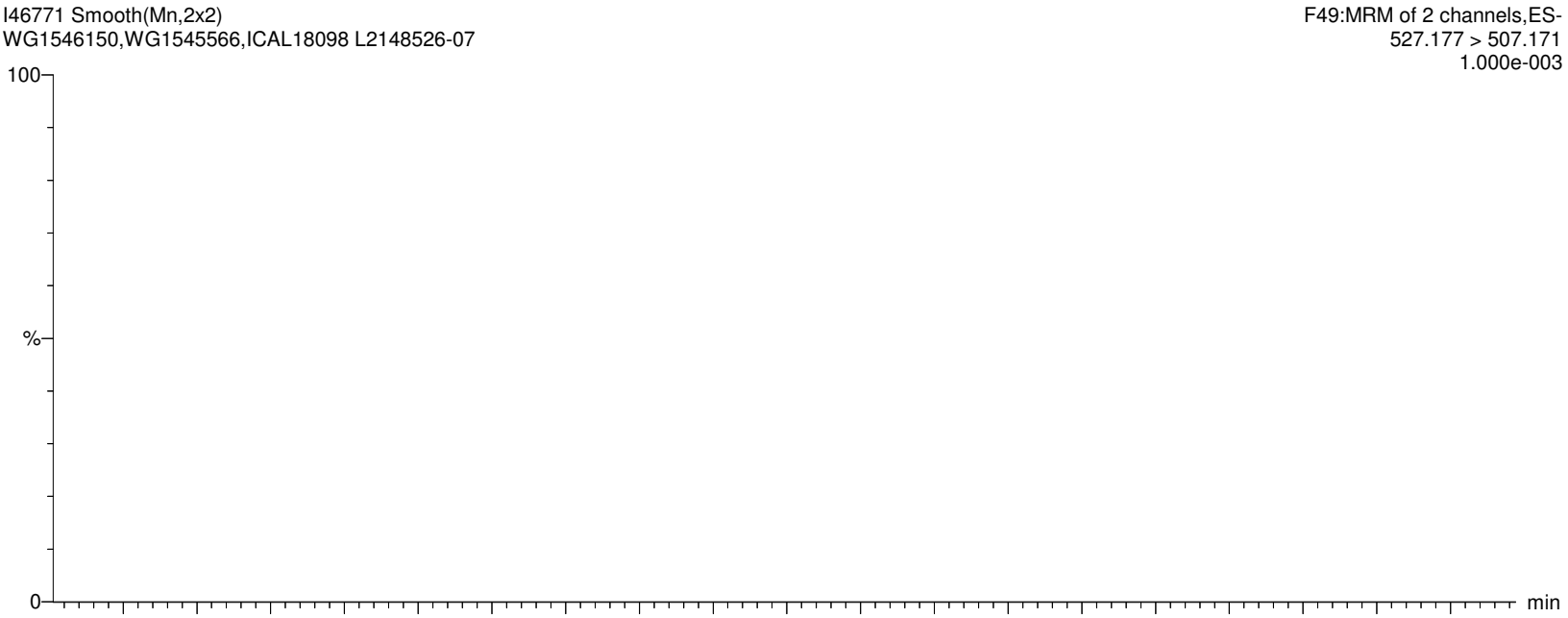


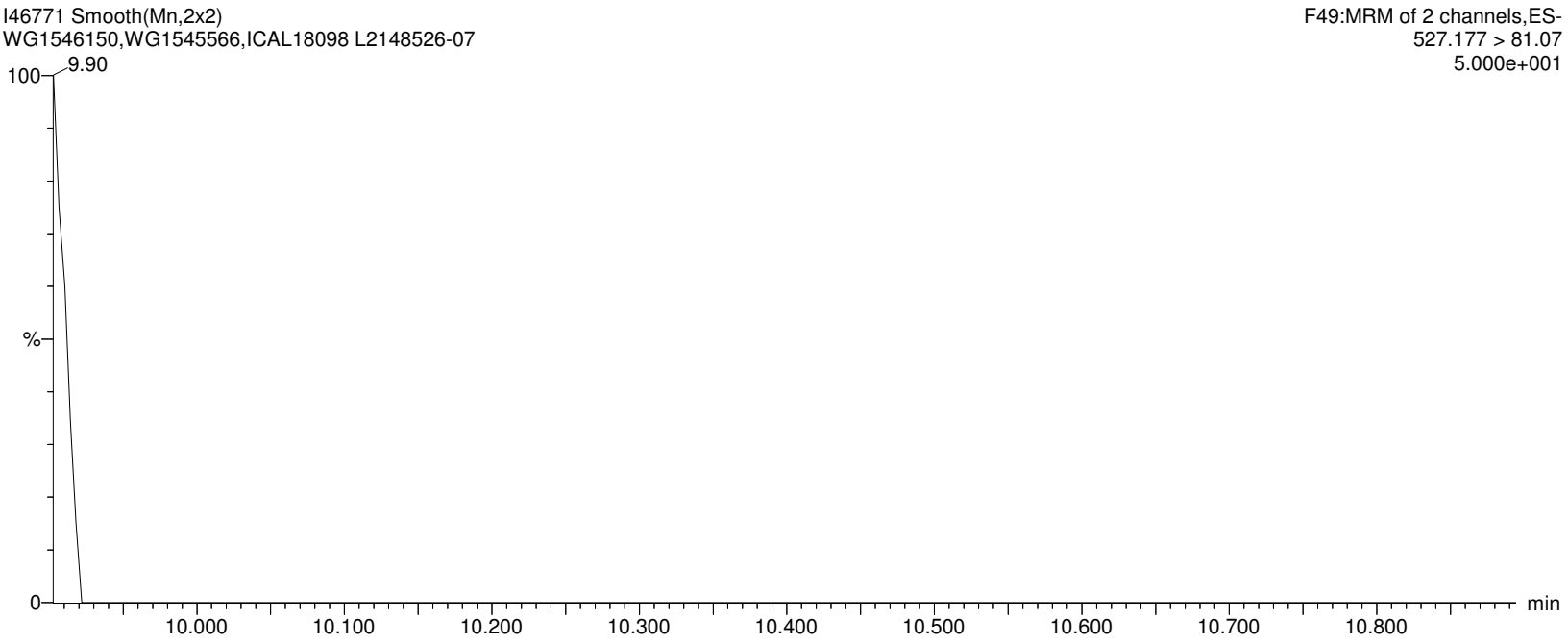
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:10 Eastern Daylight Time

Name: I46771
ID: L2148526-07
Date: 15-Sep-2021
Time: 07:05:10
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

8:2FTS



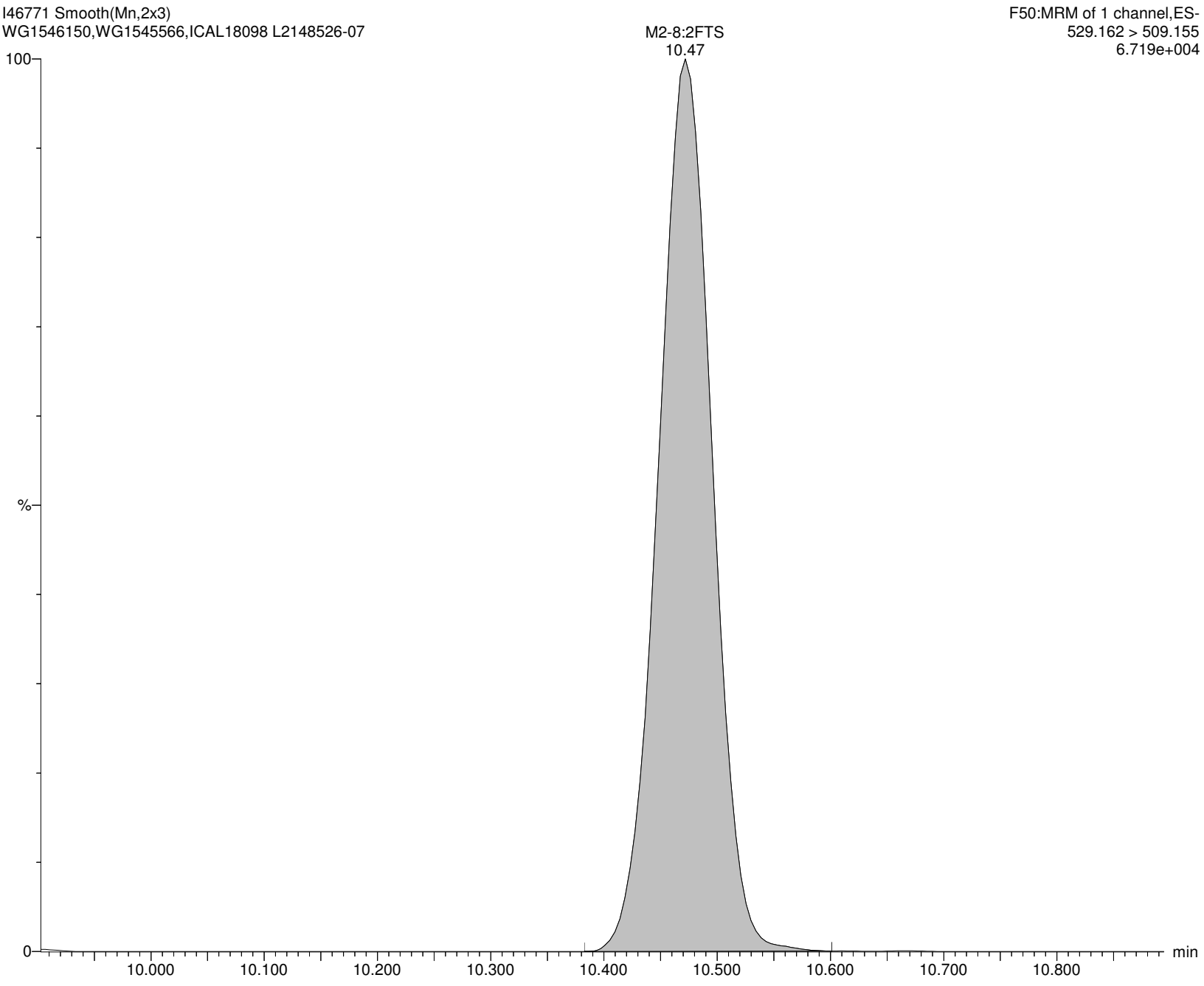


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:10 Eastern Daylight Time

Name: I46771
ID: L2148526-07
Date: 15-Sep-2021
Time: 07:05:10
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-8:2FTS

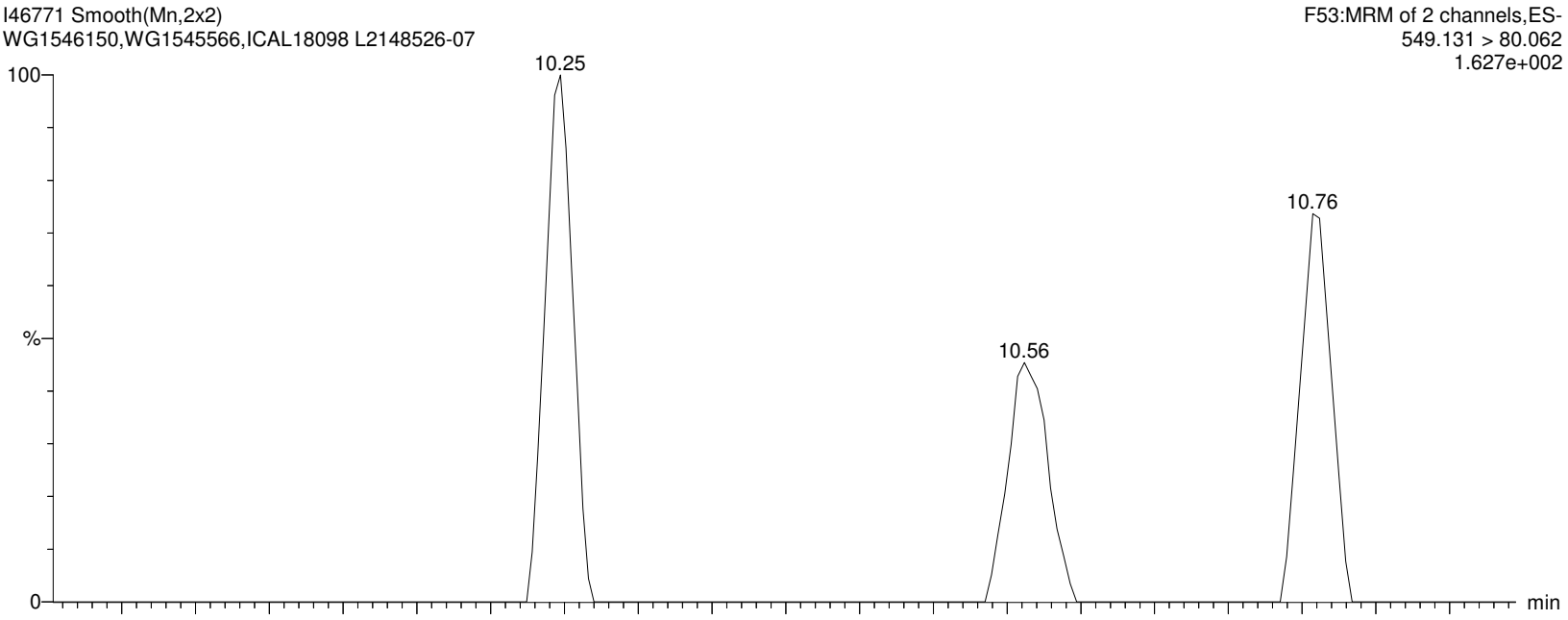


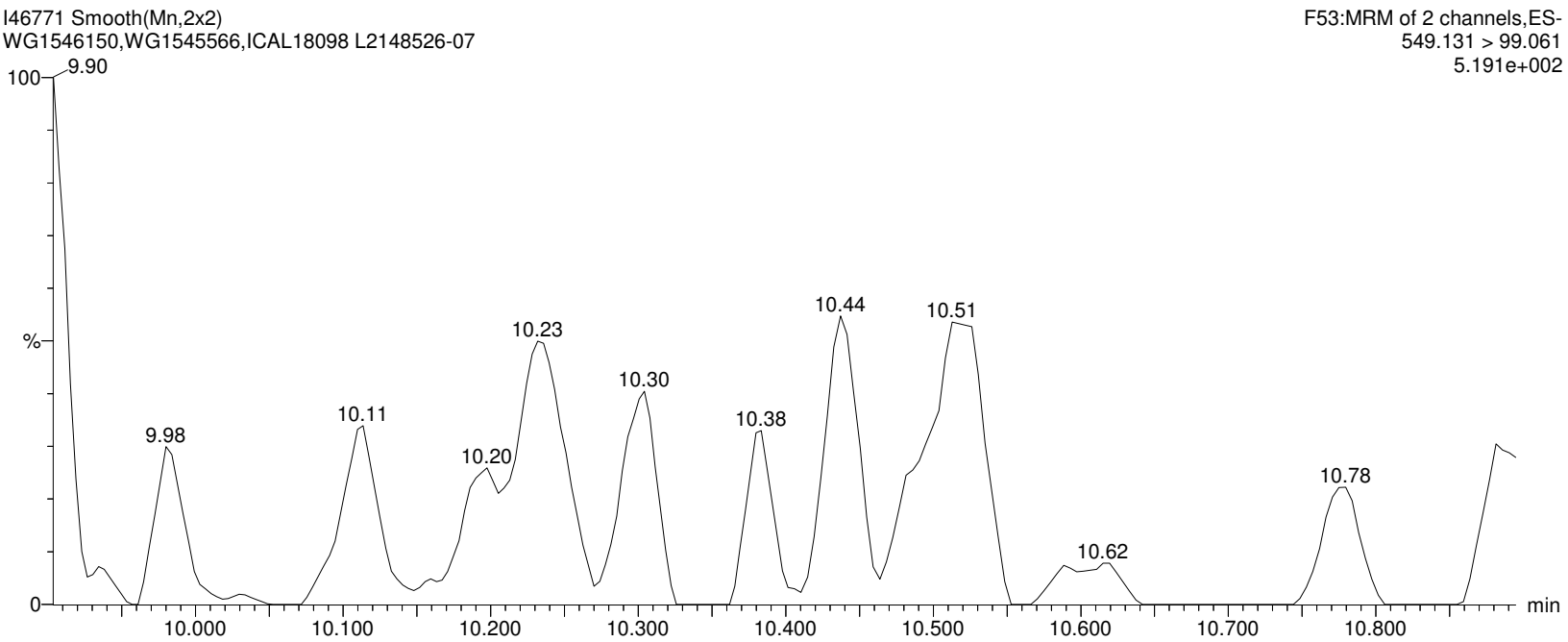
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:10 Eastern Daylight Time

Name: I46771
ID: L2148526-07
Date: 15-Sep-2021
Time: 07:05:10
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNS



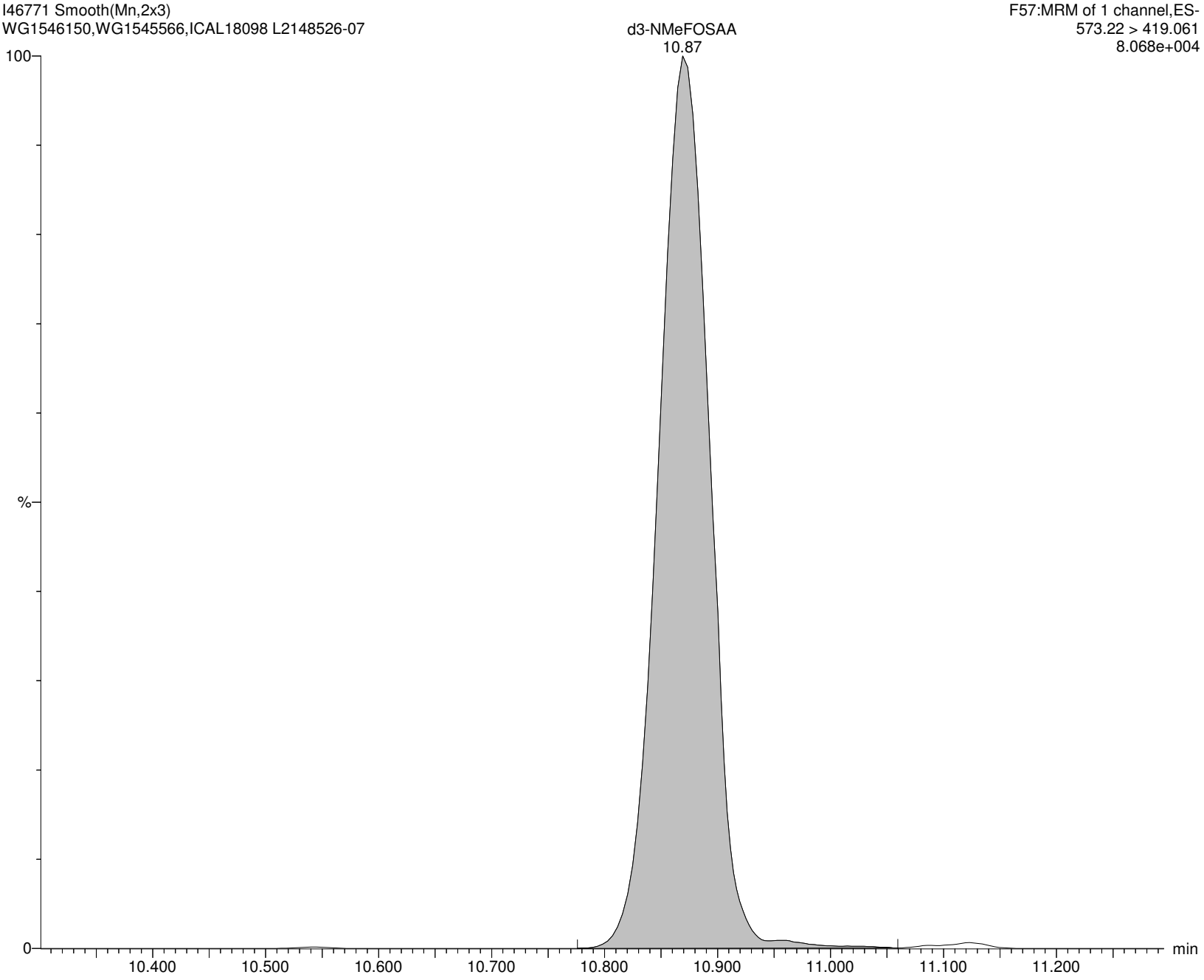


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:10 Eastern Daylight Time

Name: I46771
ID: L2148526-07
Date: 15-Sep-2021
Time: 07:05:10
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSAA

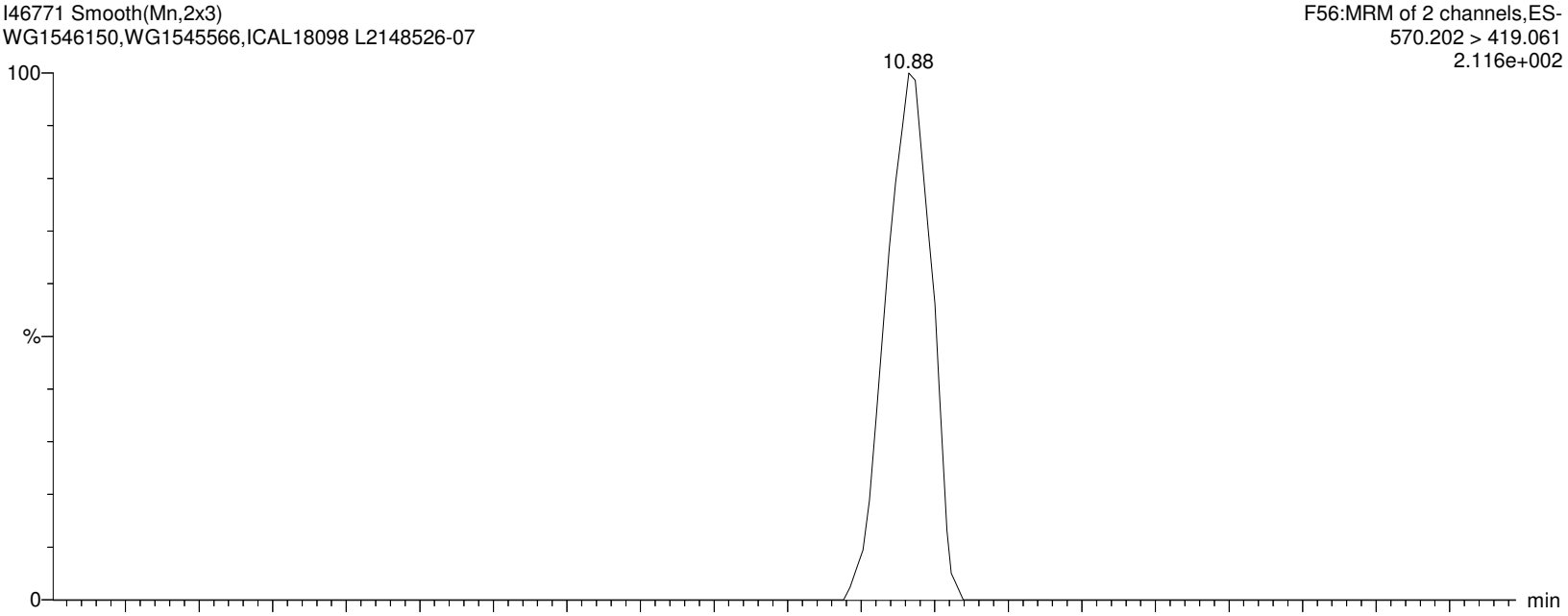


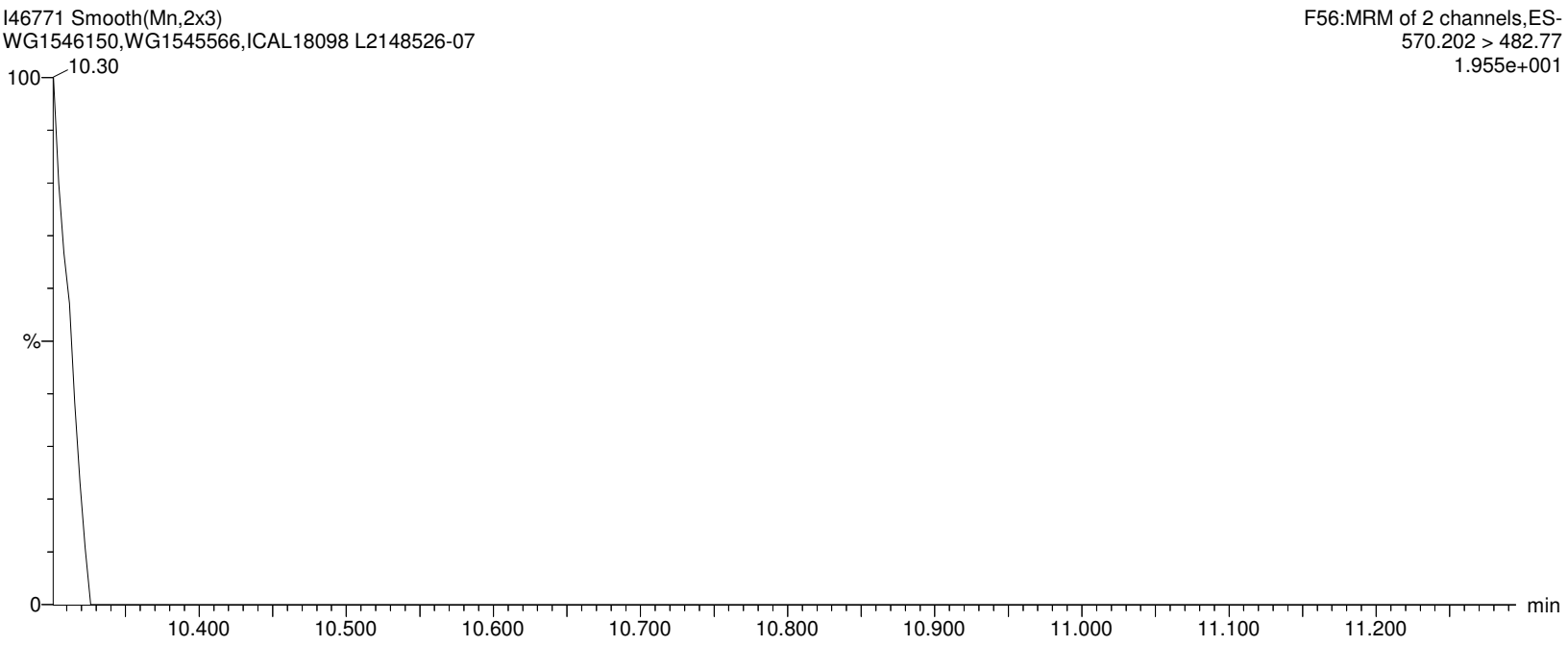
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:10 Eastern Daylight Time

Name: I46771
ID: L2148526-07
Date: 15-Sep-2021
Time: 07:05:10
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NMeFOSAA



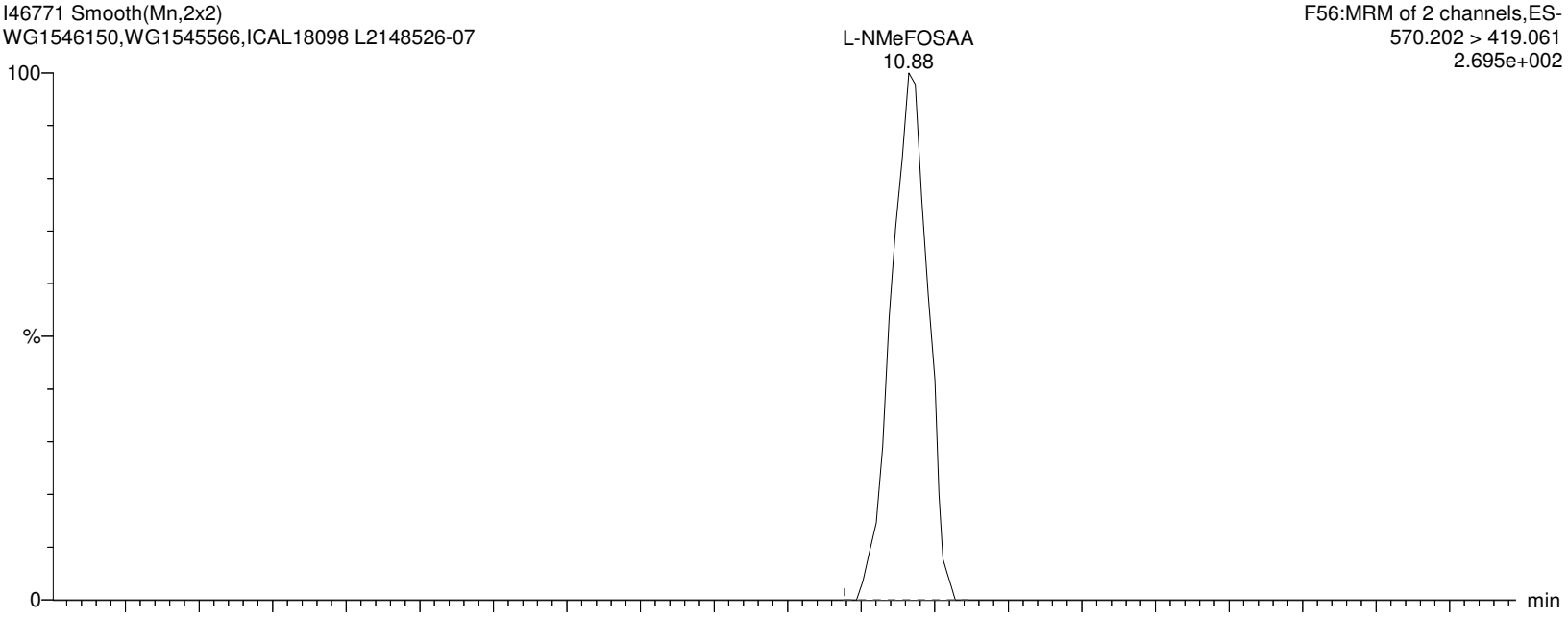


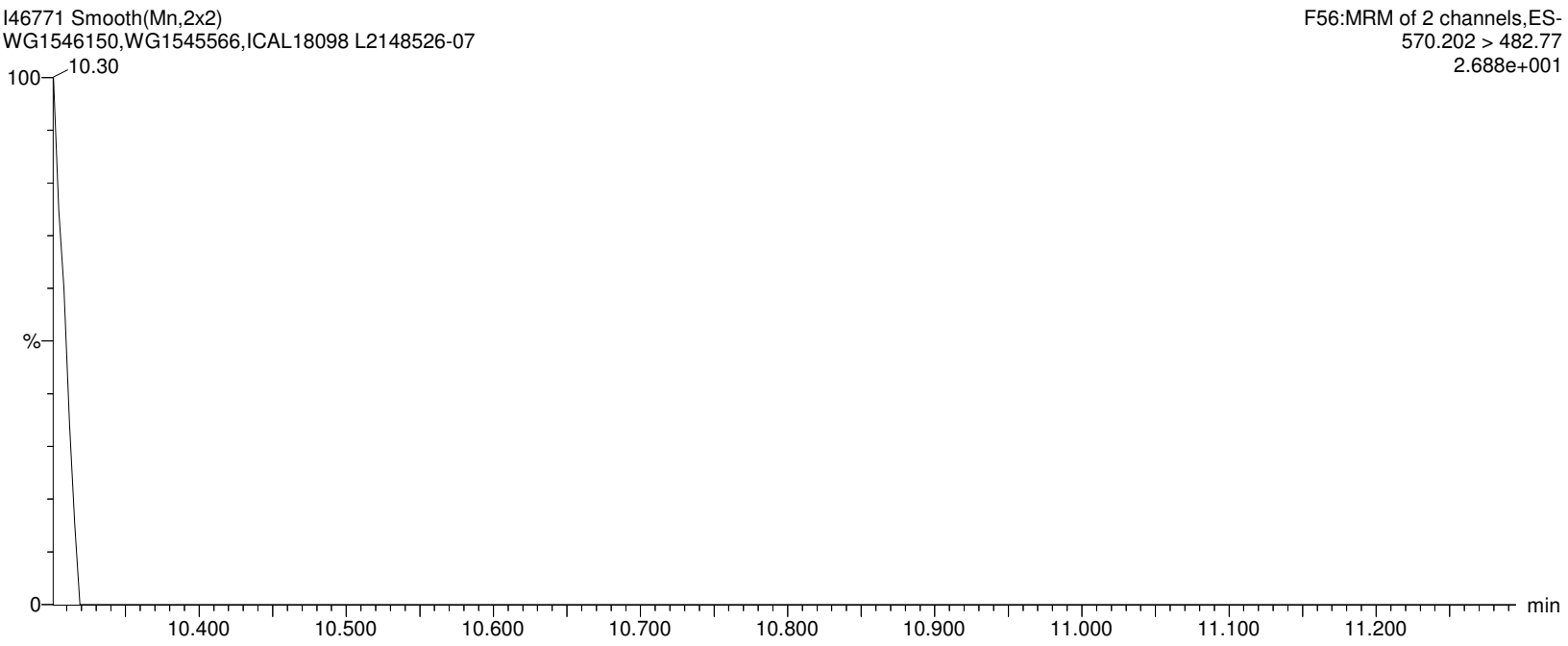
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:10 Eastern Daylight Time

Name: I46771
ID: L2148526-07
Date: 15-Sep-2021
Time: 07:05:10
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NMeFOSAA



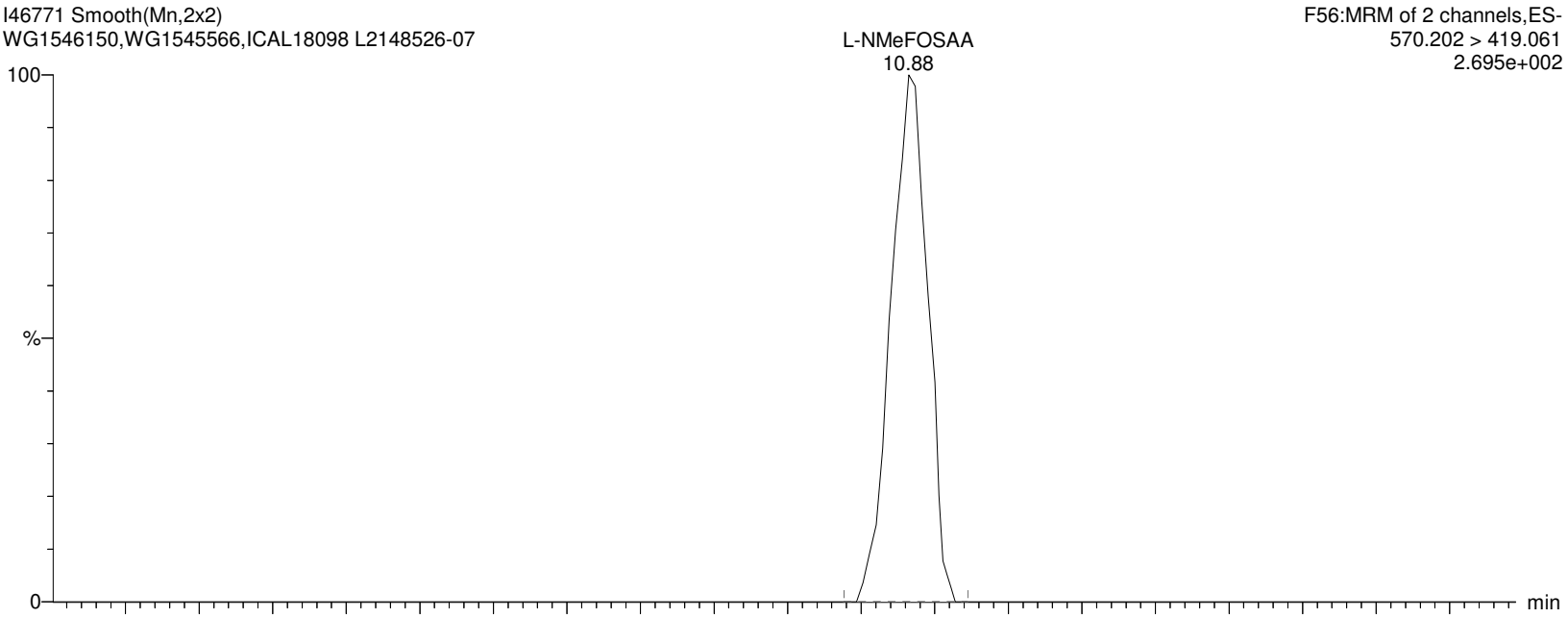


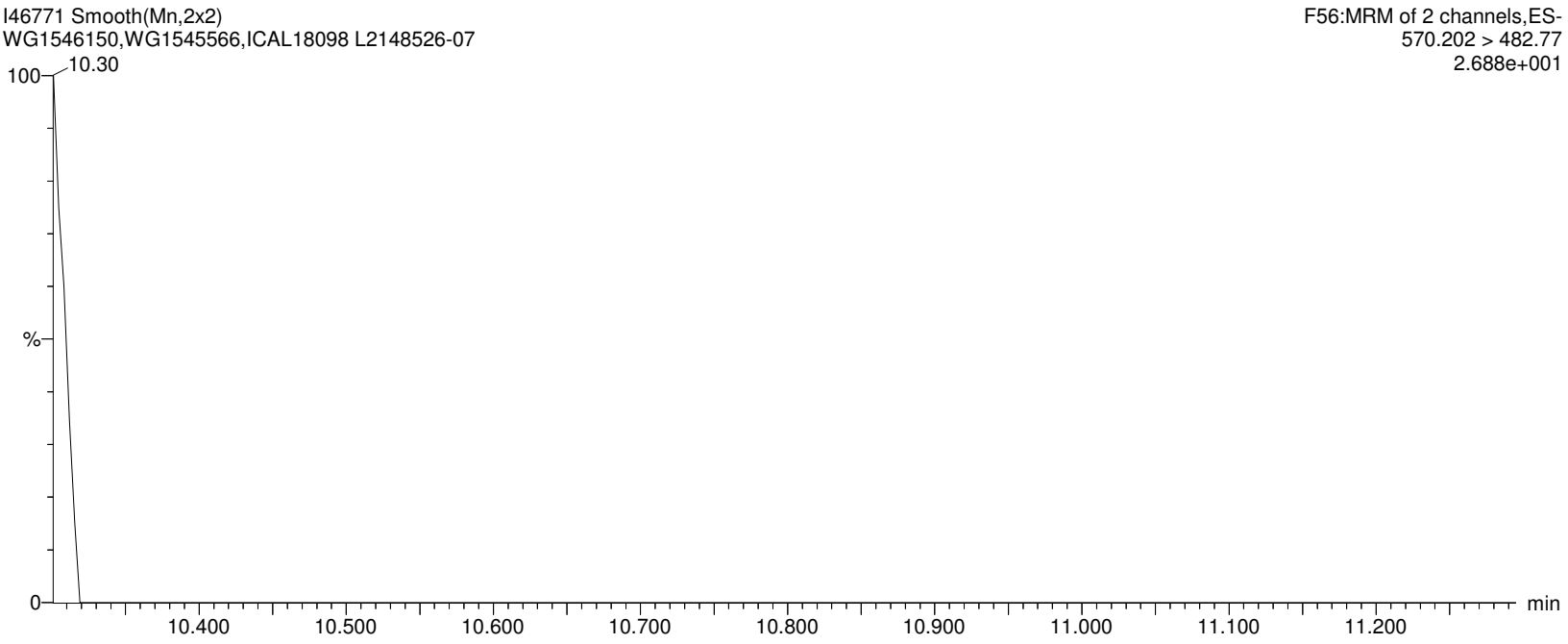
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:10 Eastern Daylight Time

Name: I46771
ID: L2148526-07
Date: 15-Sep-2021
Time: 07:05:10
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSAA



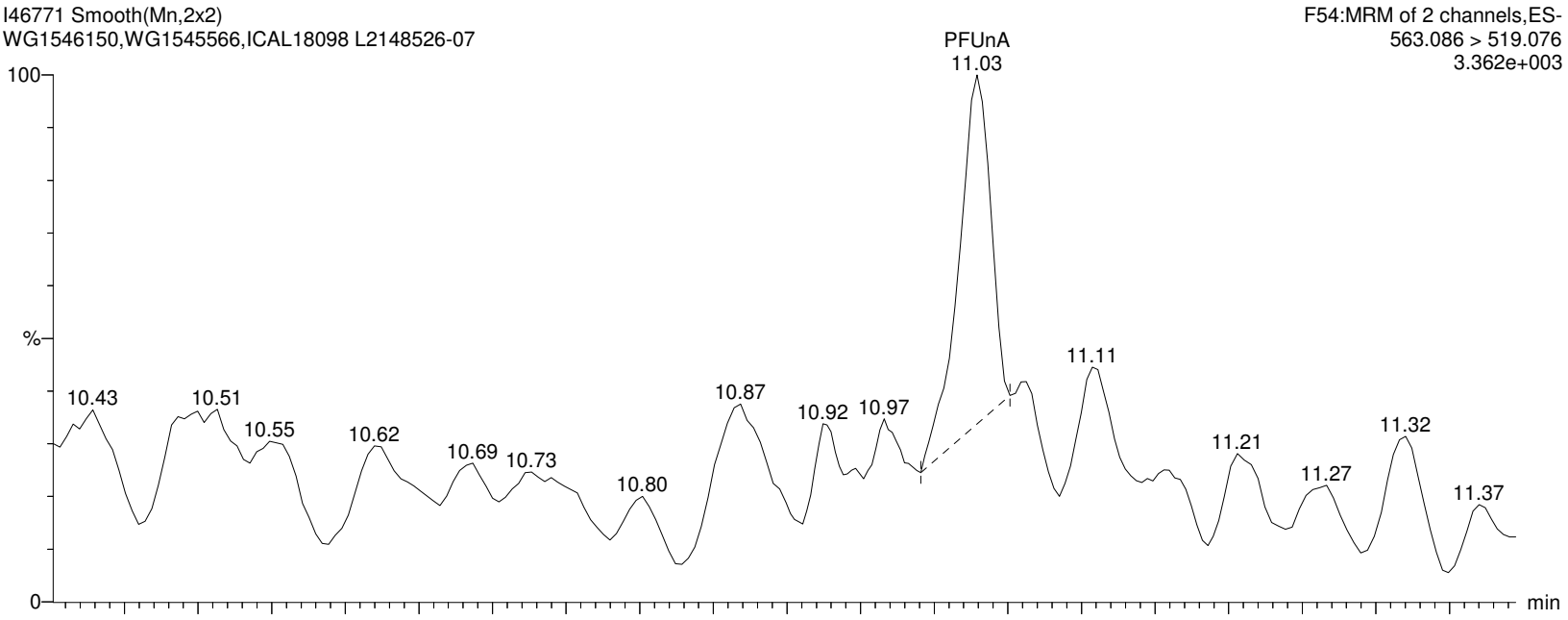


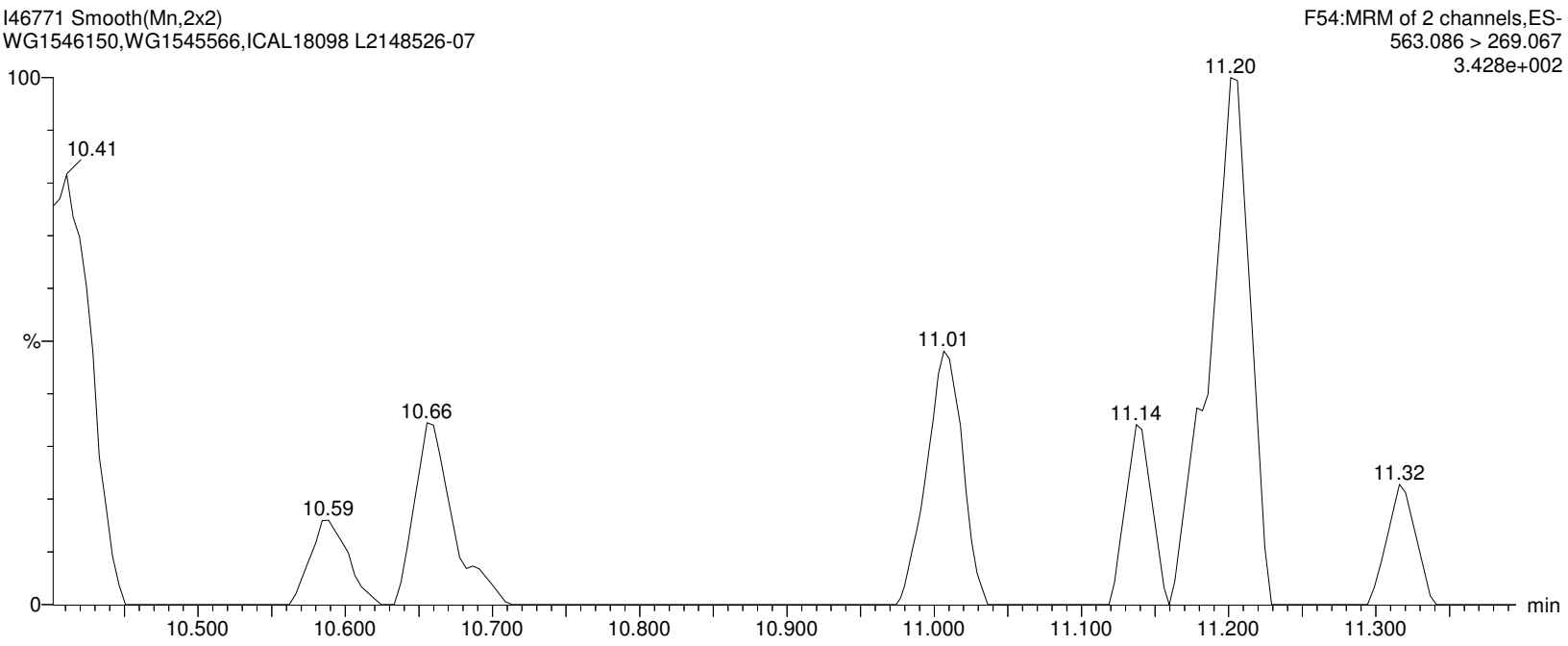
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:10 Eastern Daylight Time

Name: I46771
ID: L2148526-07
Date: 15-Sep-2021
Time: 07:05:10
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFUnA



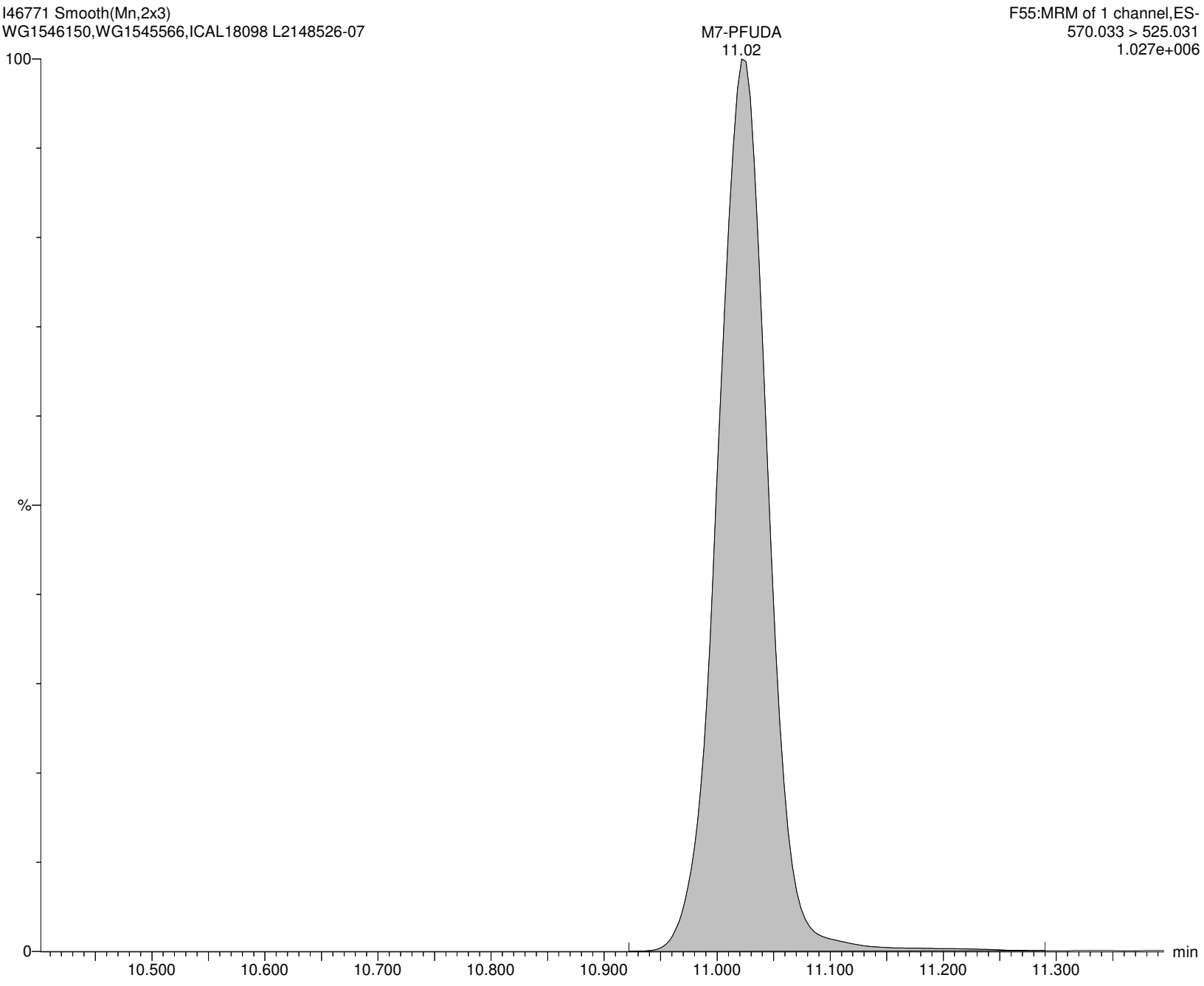


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:10 Eastern Daylight Time

Name: I46771
ID: L2148526-07
Date: 15-Sep-2021
Time: 07:05:10
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M7-PFUDA

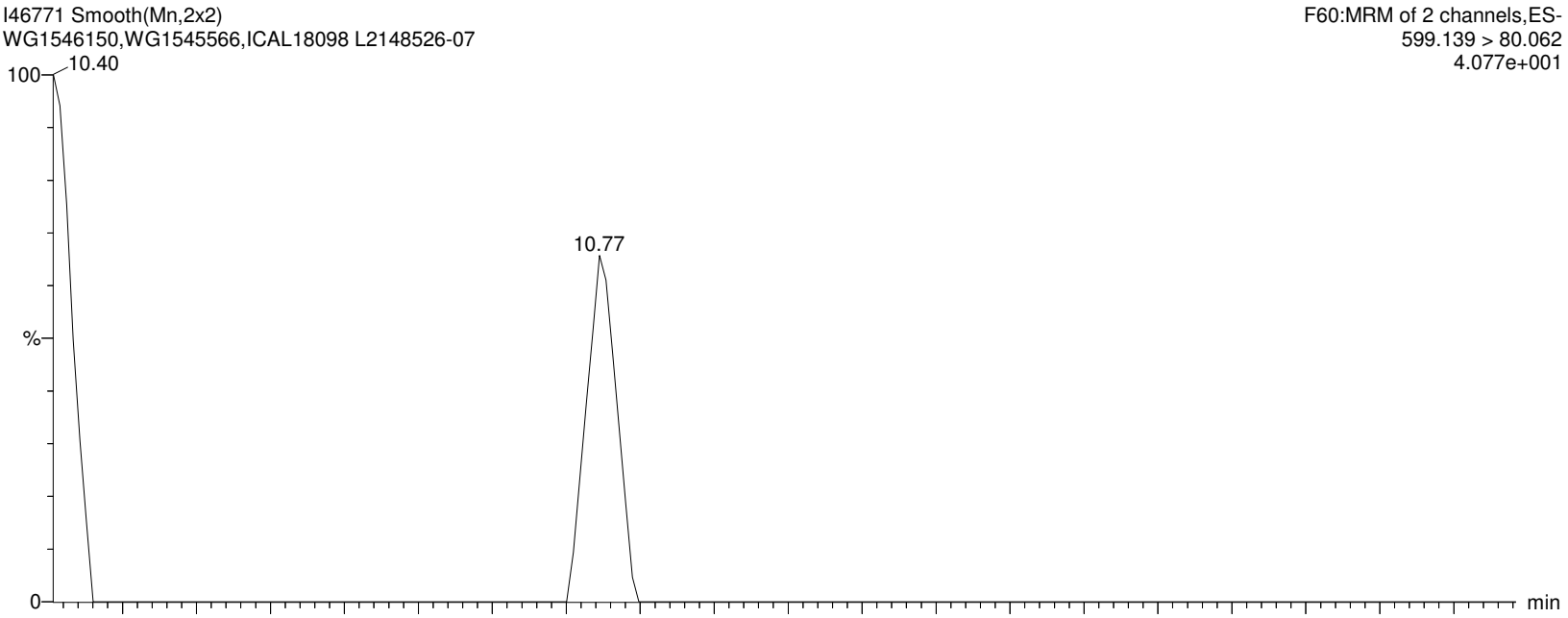


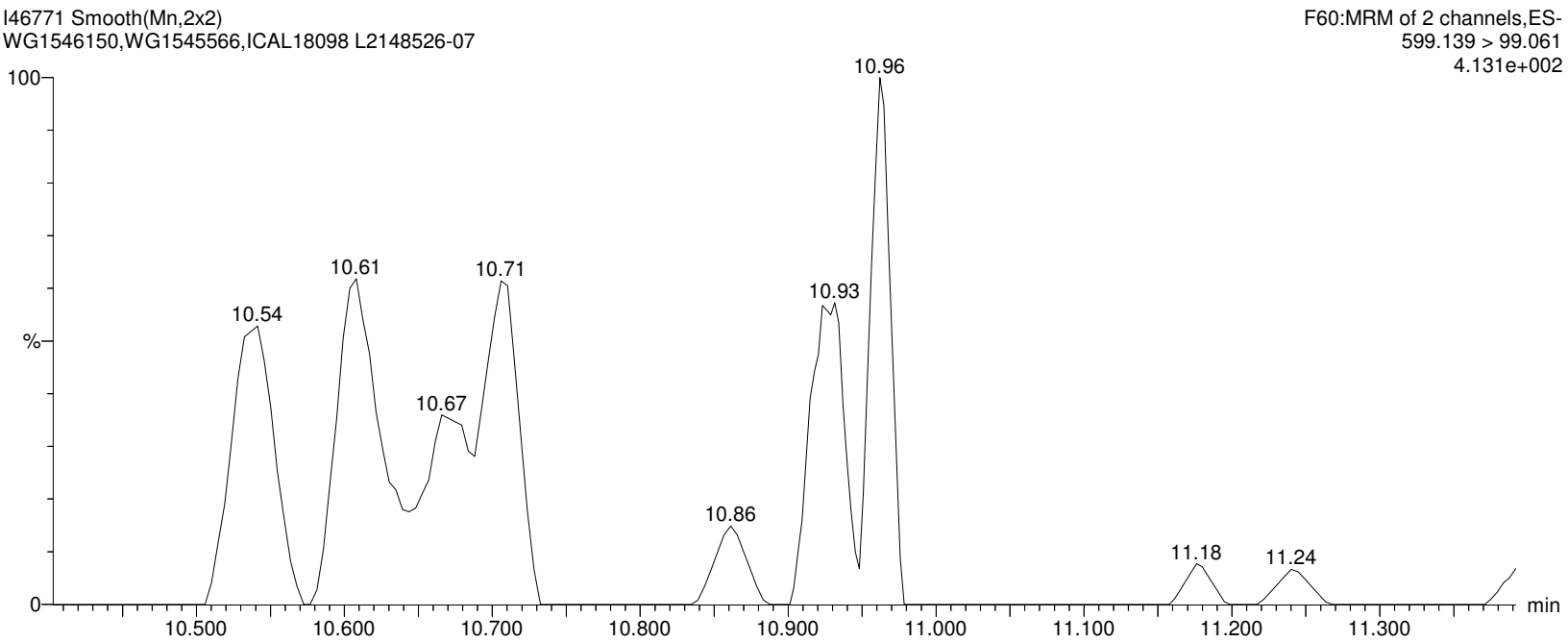
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:10 Eastern Daylight Time

Name: I46771
ID: L2148526-07
Date: 15-Sep-2021
Time: 07:05:10
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDS



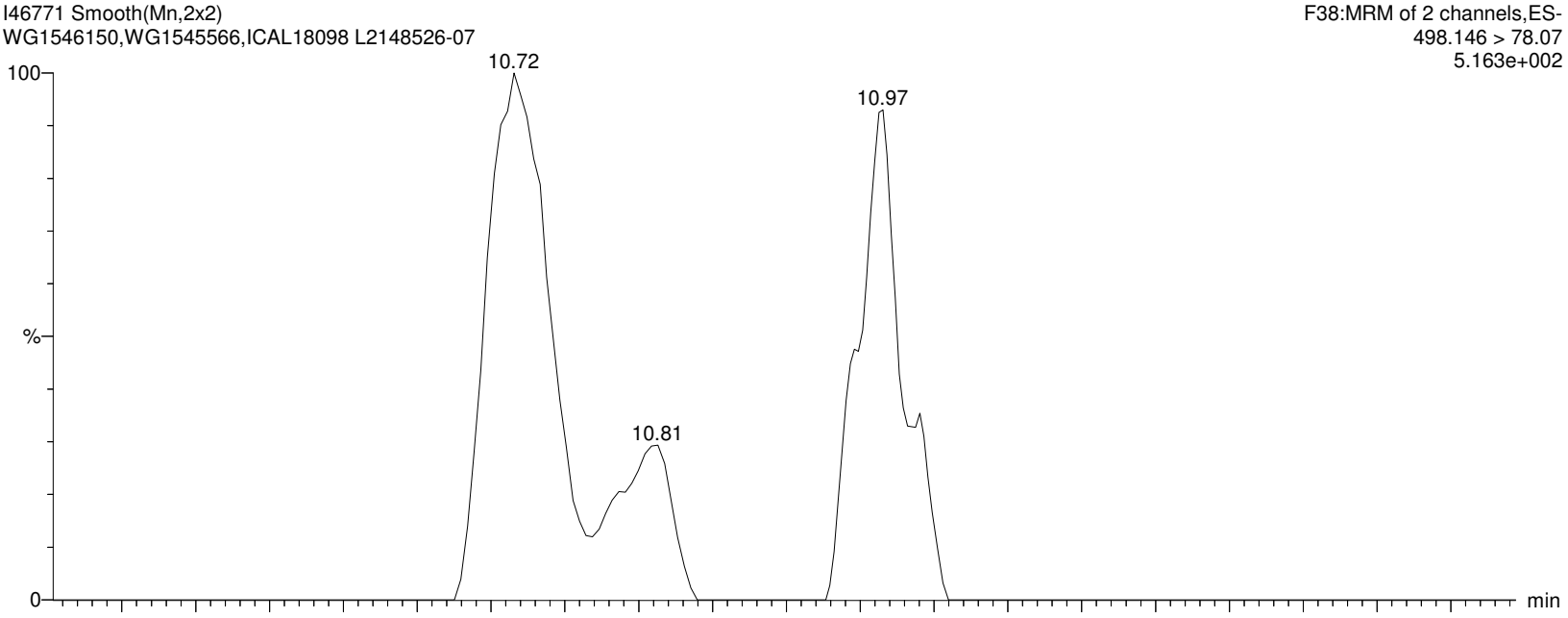


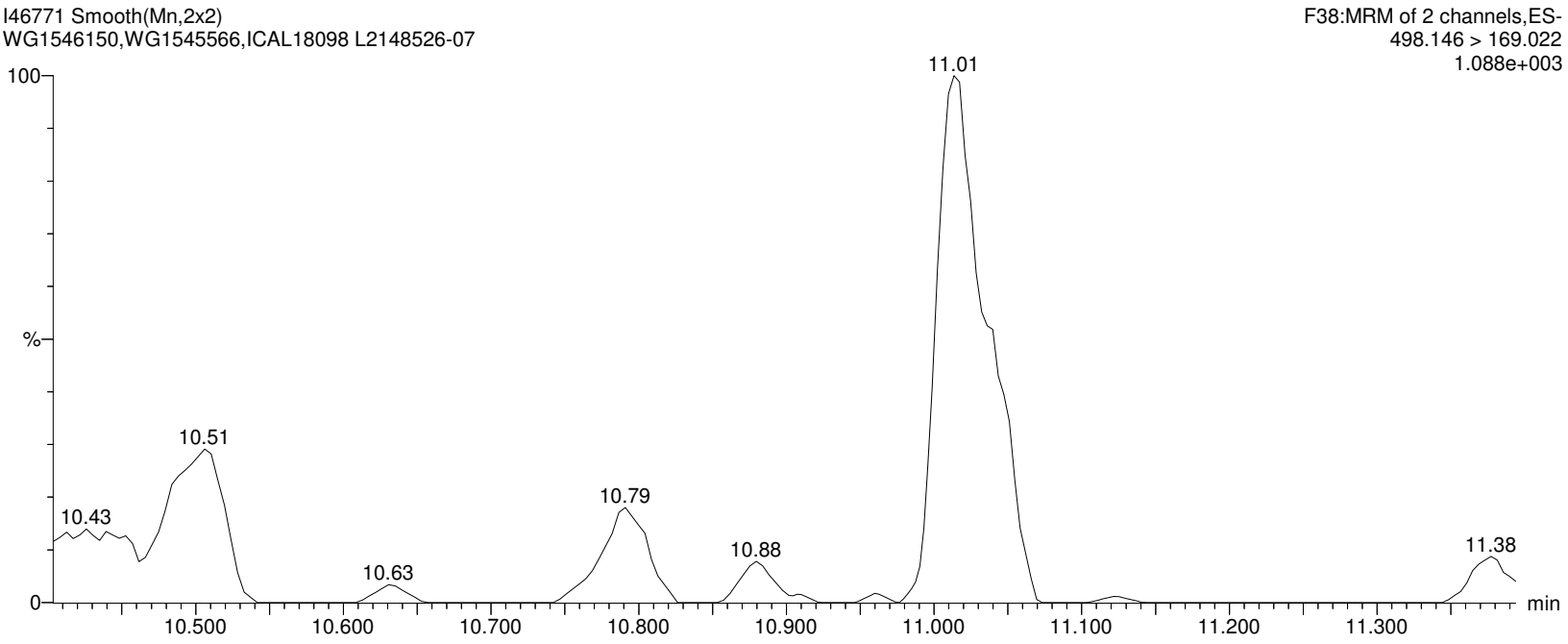
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:10 Eastern Daylight Time

Name: I46771
ID: L2148526-07
Date: 15-Sep-2021
Time: 07:05:10
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

FOSA



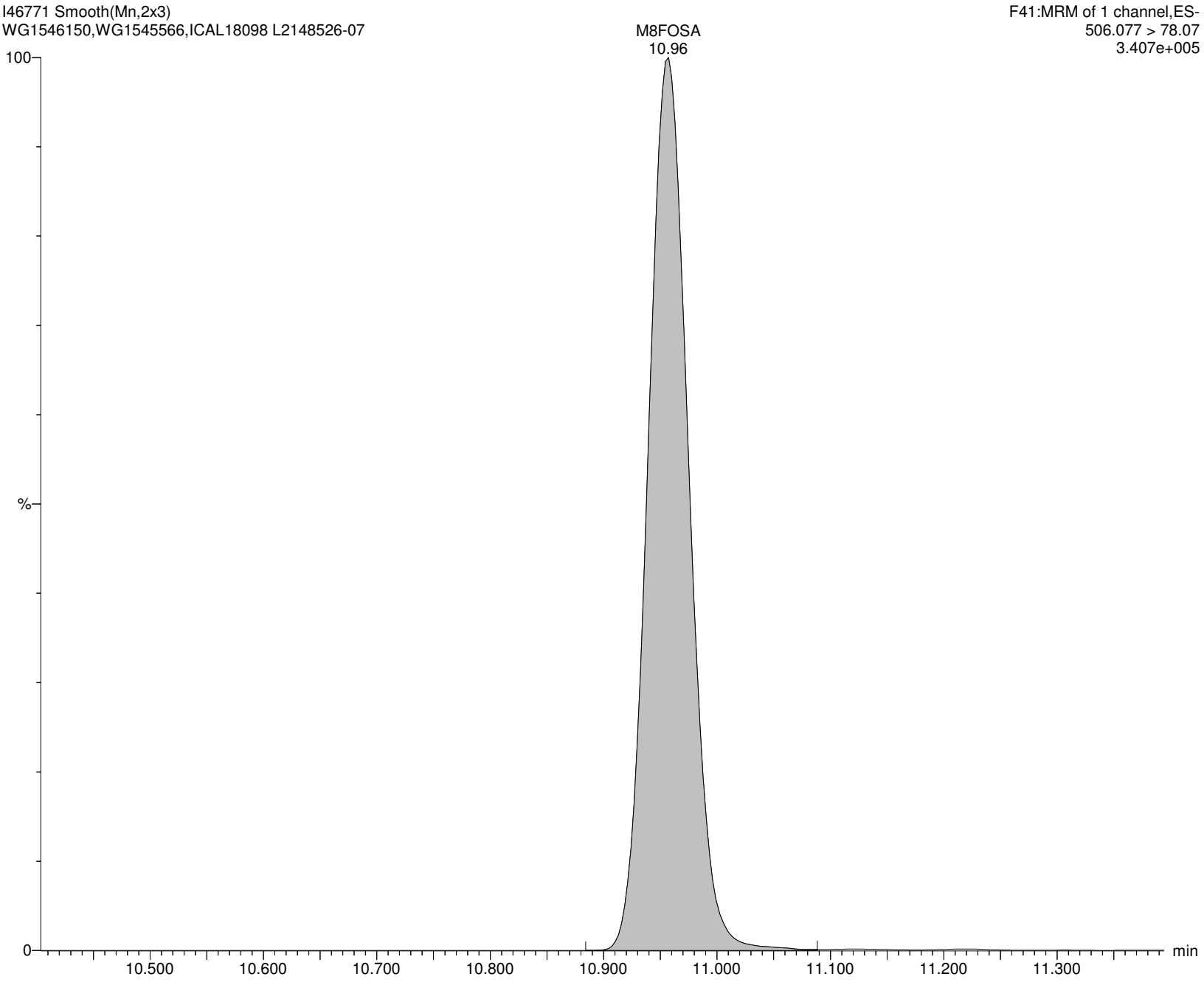


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:10 Eastern Daylight Time

Name: I46771
ID: L2148526-07
Date: 15-Sep-2021
Time: 07:05:10
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8FOSA

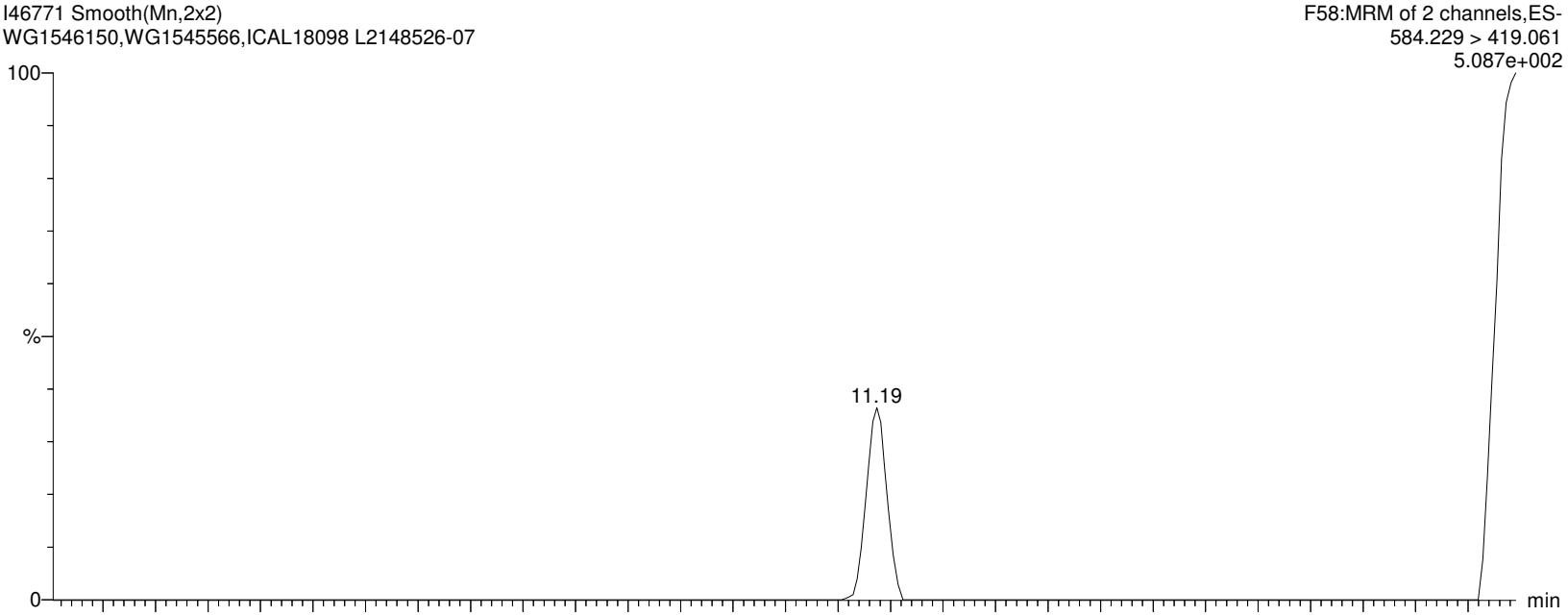


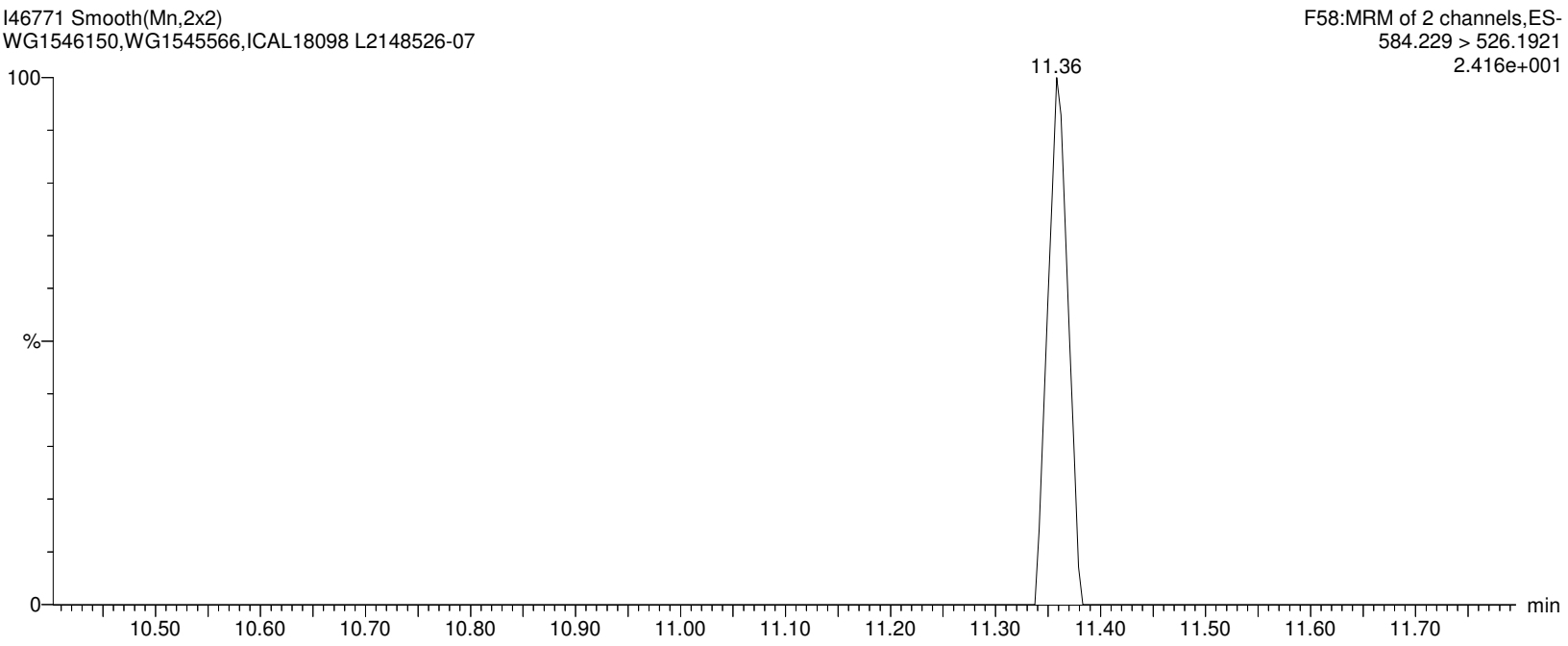
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:10 Eastern Daylight Time

Name: I46771
ID: L2148526-07
Date: 15-Sep-2021
Time: 07:05:10
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NEtFOSAA



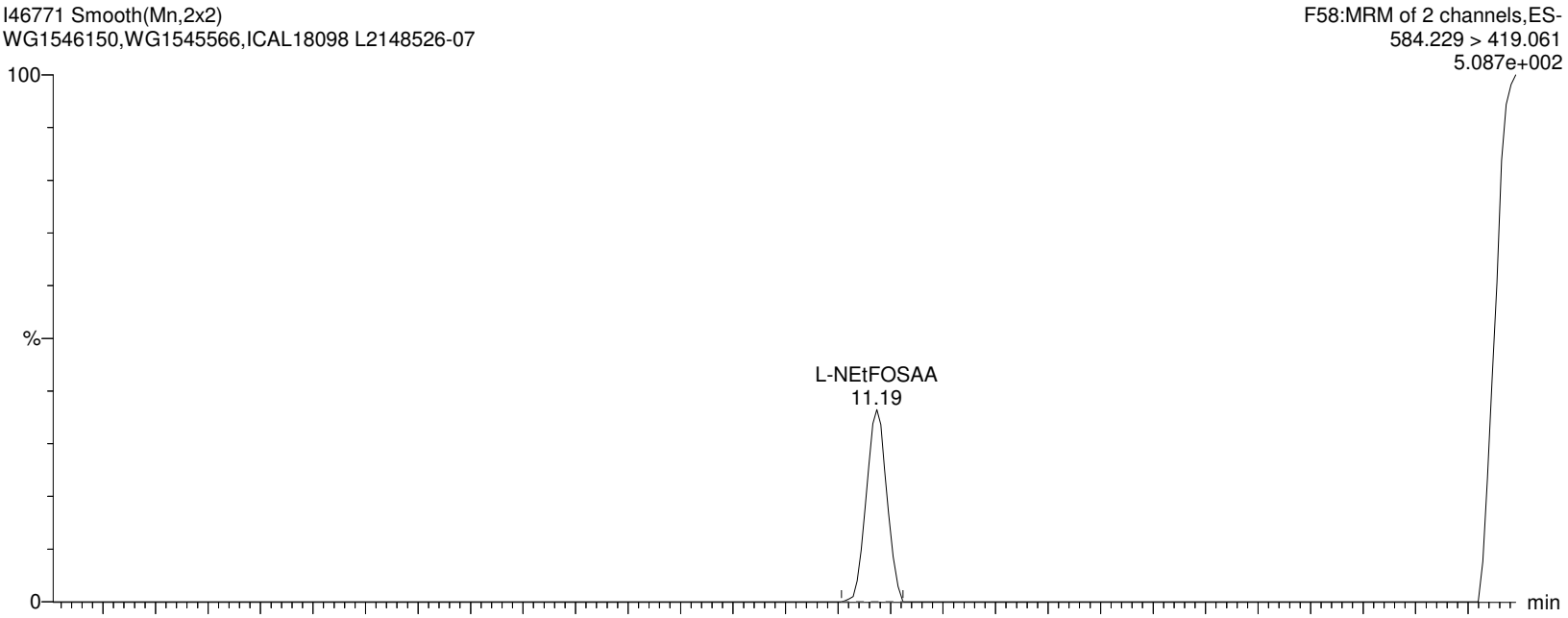


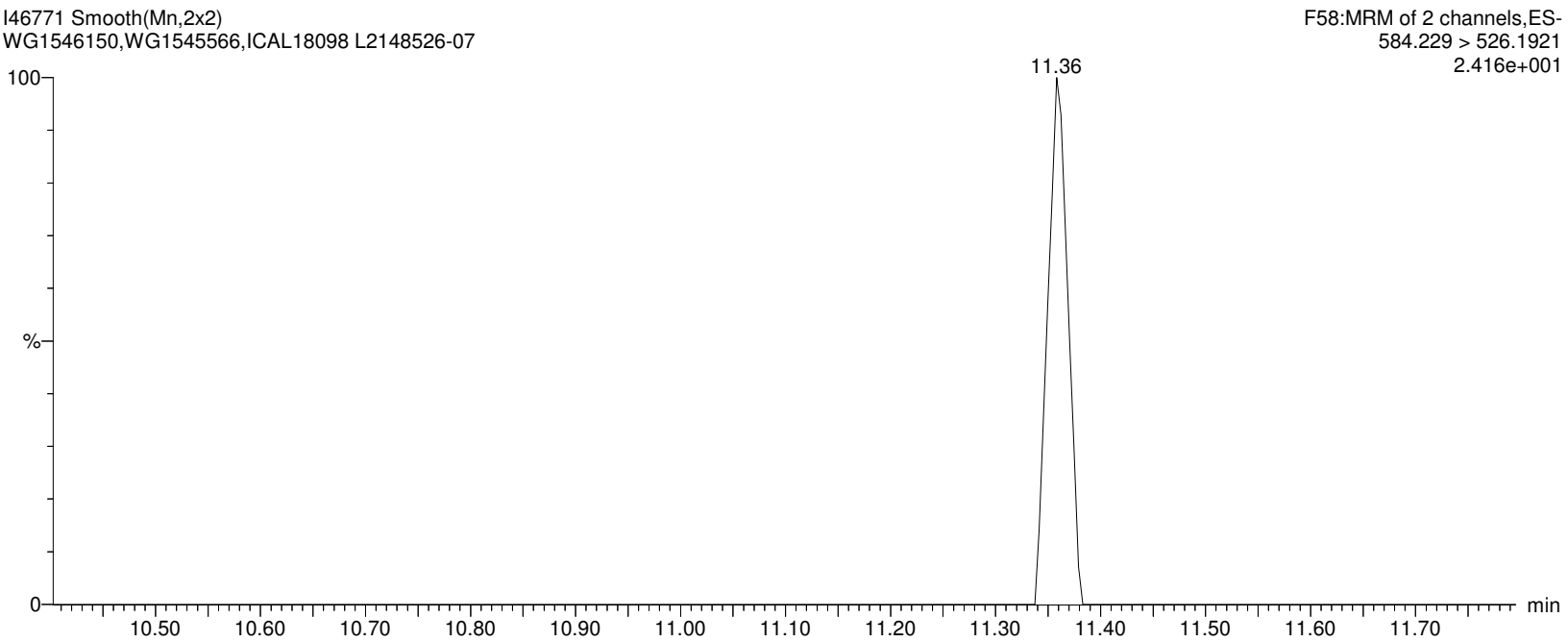
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:10 Eastern Daylight Time

Name: I46771
ID: L2148526-07
Date: 15-Sep-2021
Time: 07:05:10
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NEtFOSAA



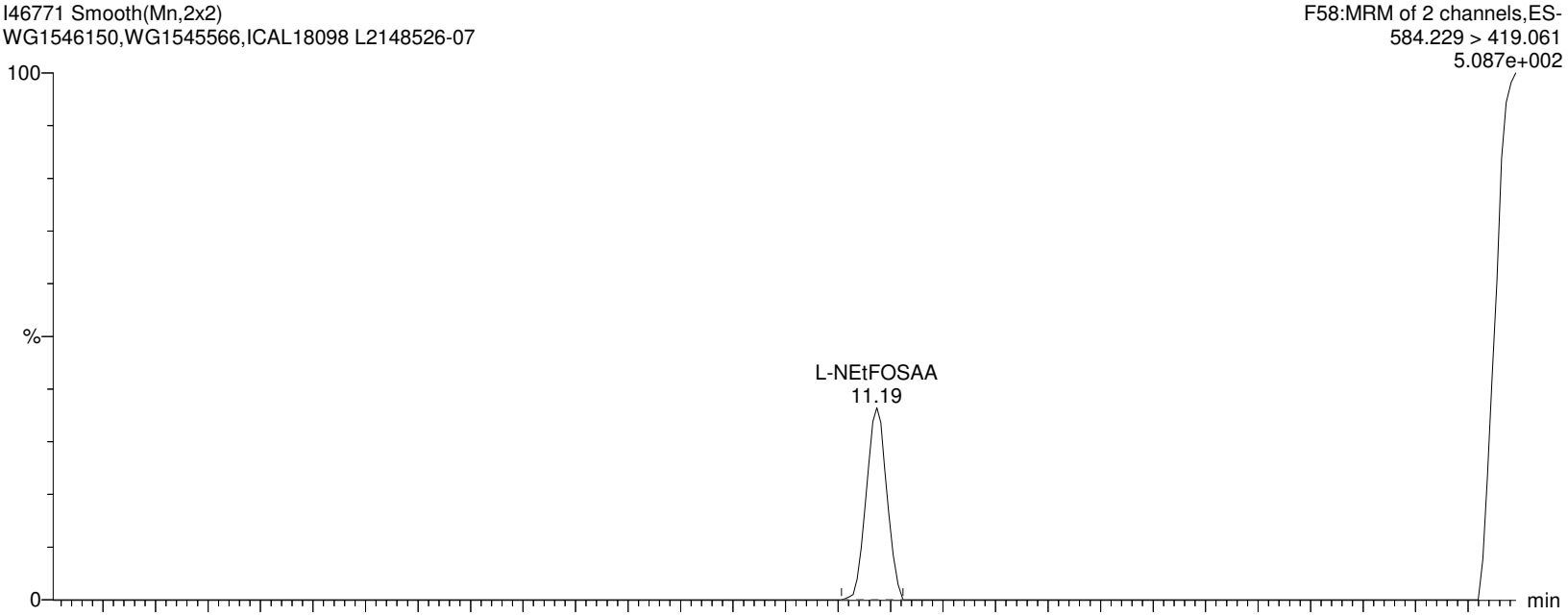


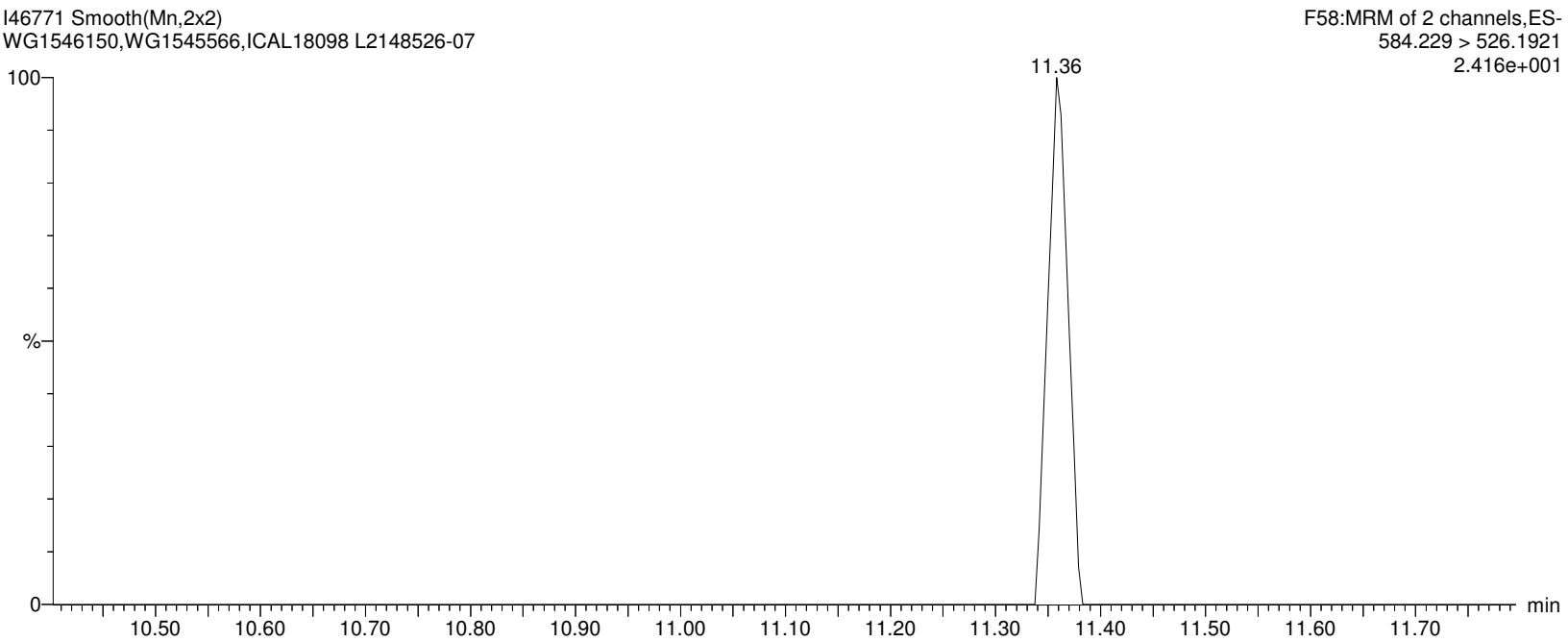
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:10 Eastern Daylight Time

Name: I46771
ID: L2148526-07
Date: 15-Sep-2021
Time: 07:05:10
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSAA



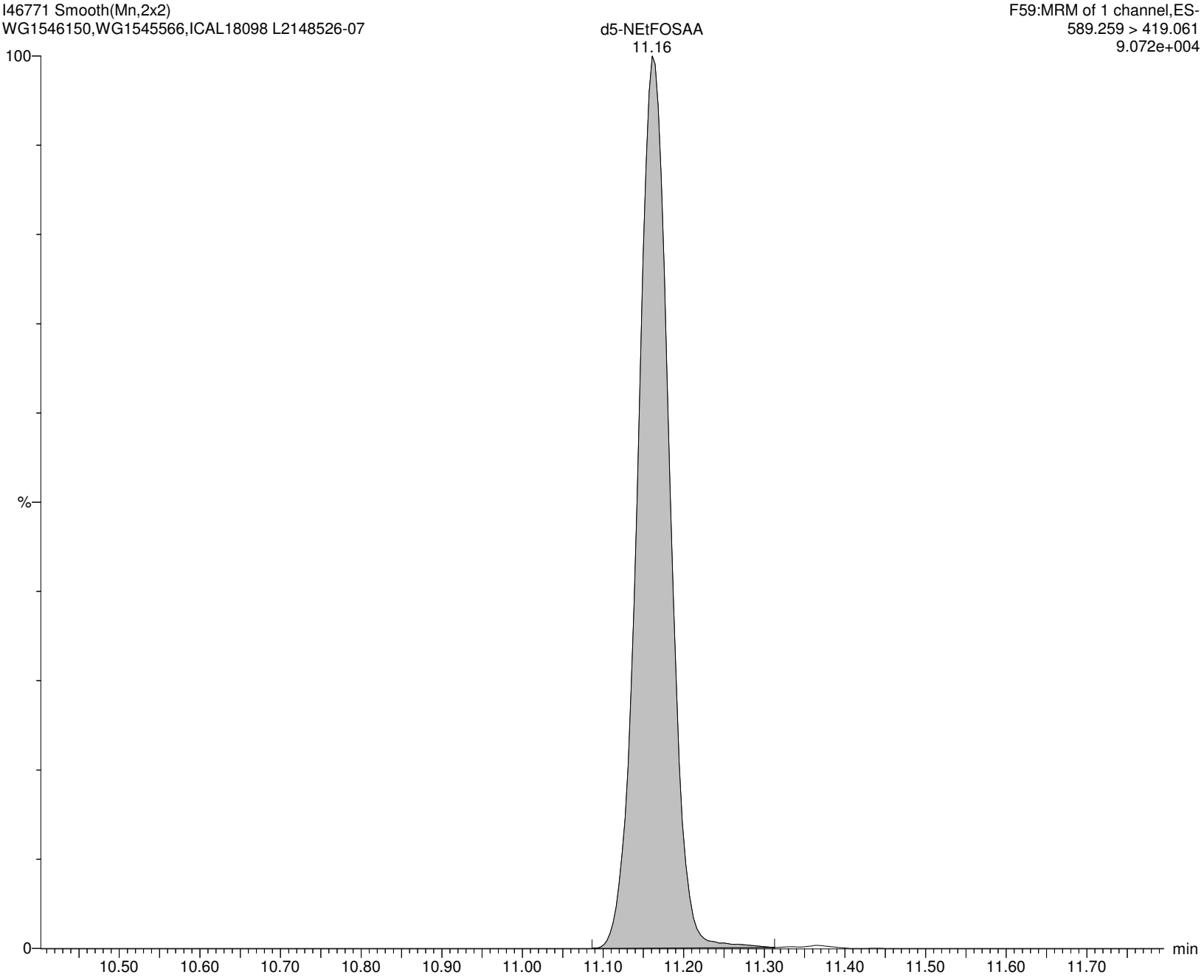


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:10 Eastern Daylight Time

Name: I46771
ID: L2148526-07
Date: 15-Sep-2021
Time: 07:05:10
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSAA

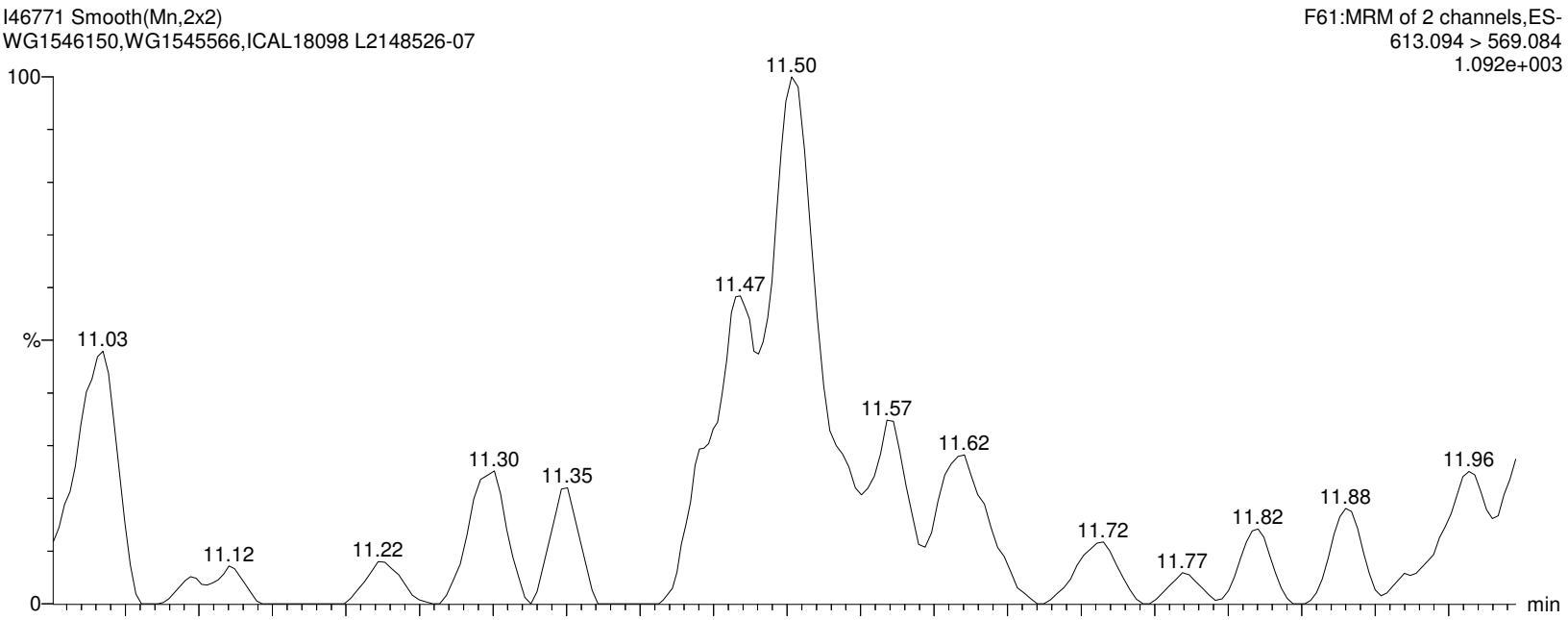


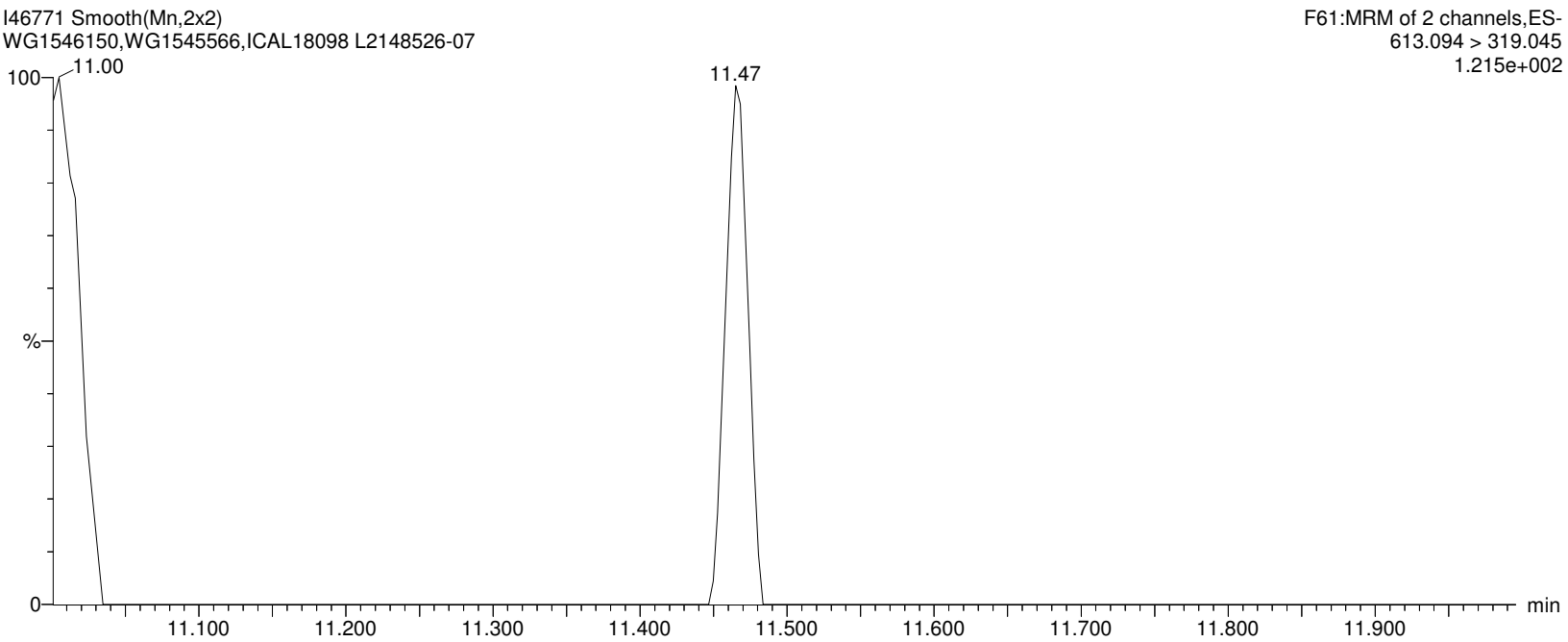
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:10 Eastern Daylight Time

Name: I46771
ID: L2148526-07
Date: 15-Sep-2021
Time: 07:05:10
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoA



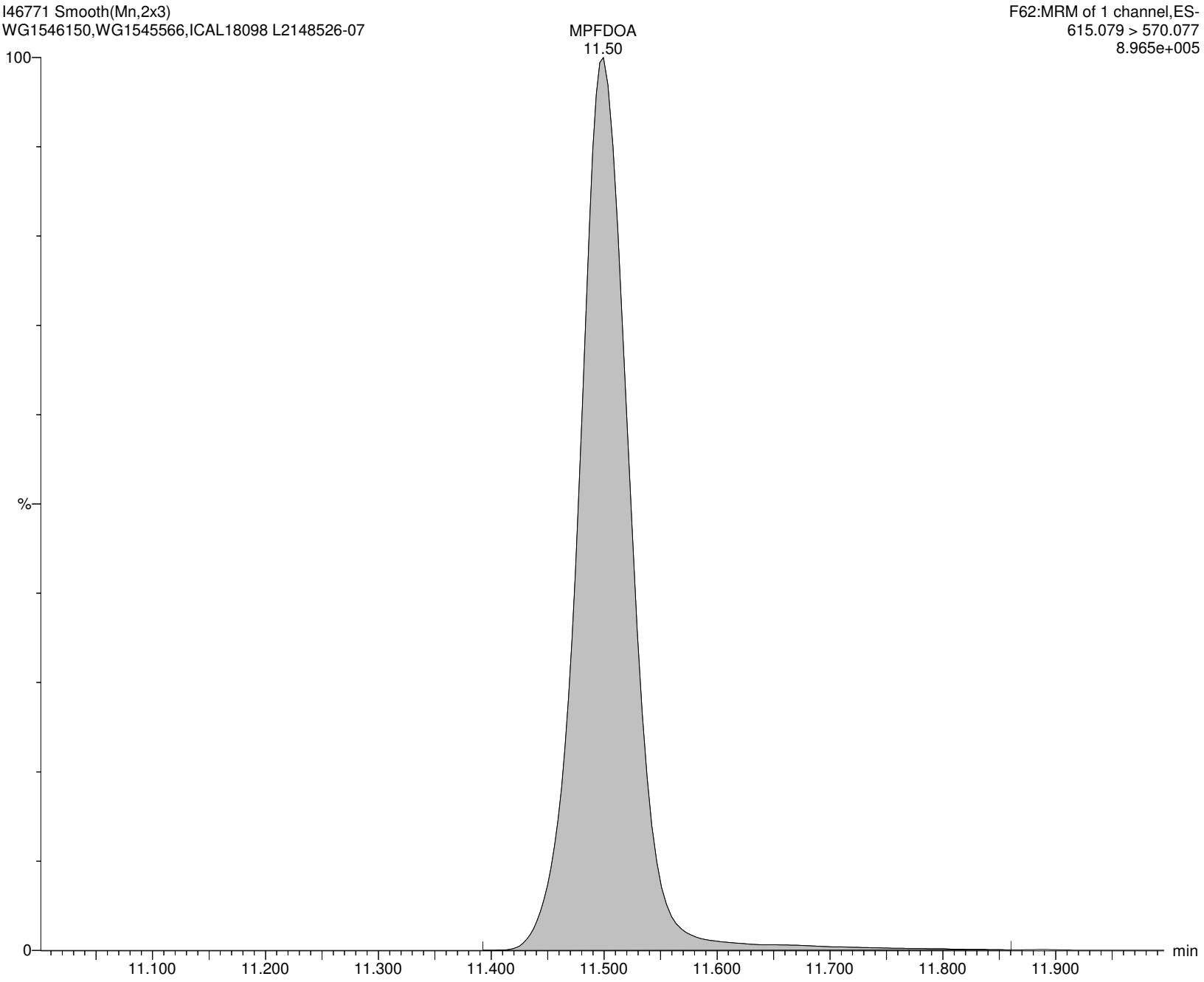


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:10 Eastern Daylight Time

Name: I46771
ID: L2148526-07
Date: 15-Sep-2021
Time: 07:05:10
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFDOA

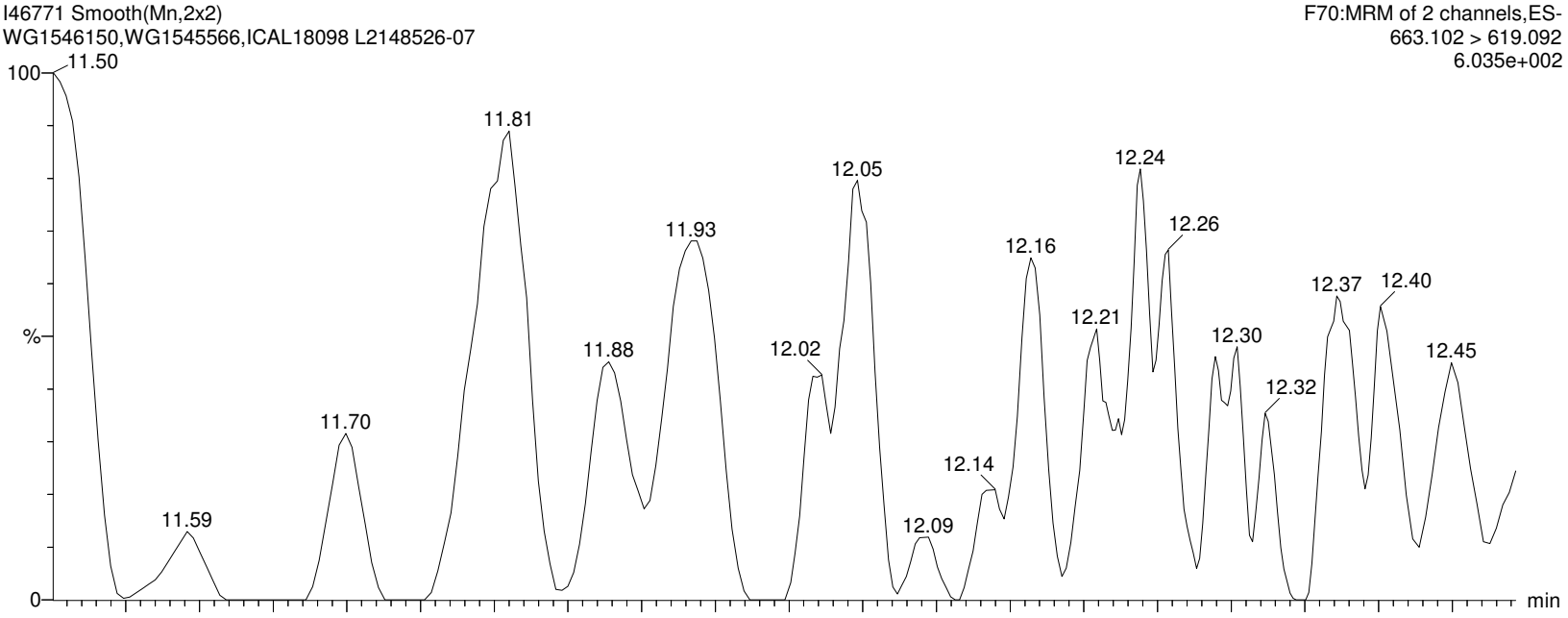


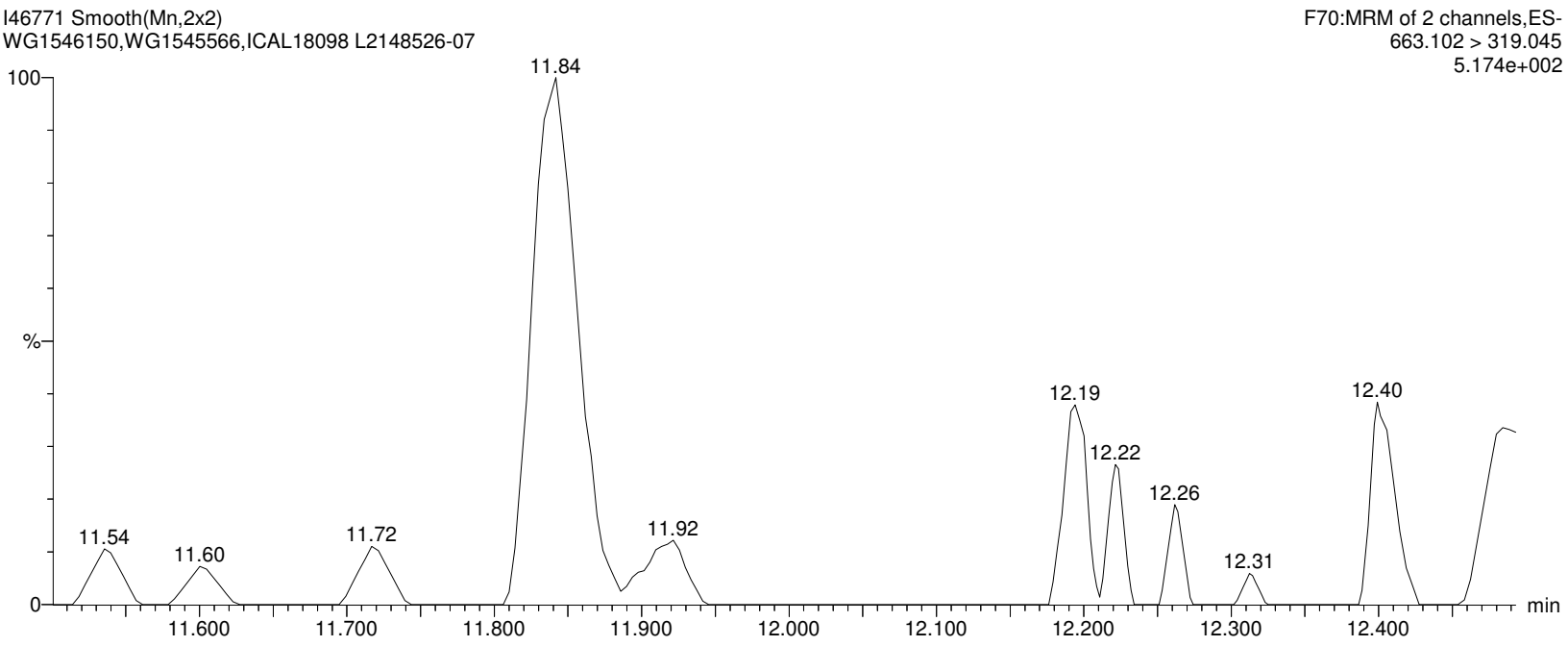
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:10 Eastern Daylight Time

Name: I46771
ID: L2148526-07
Date: 15-Sep-2021
Time: 07:05:10
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTrDA



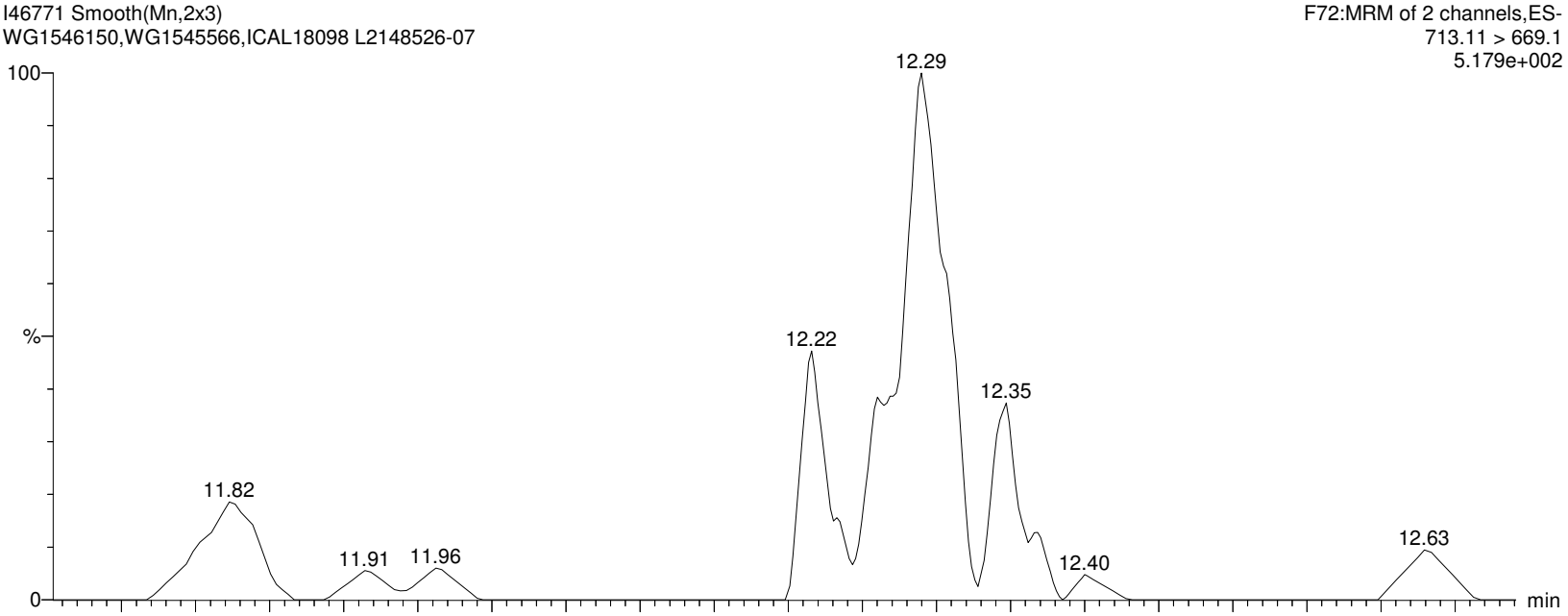


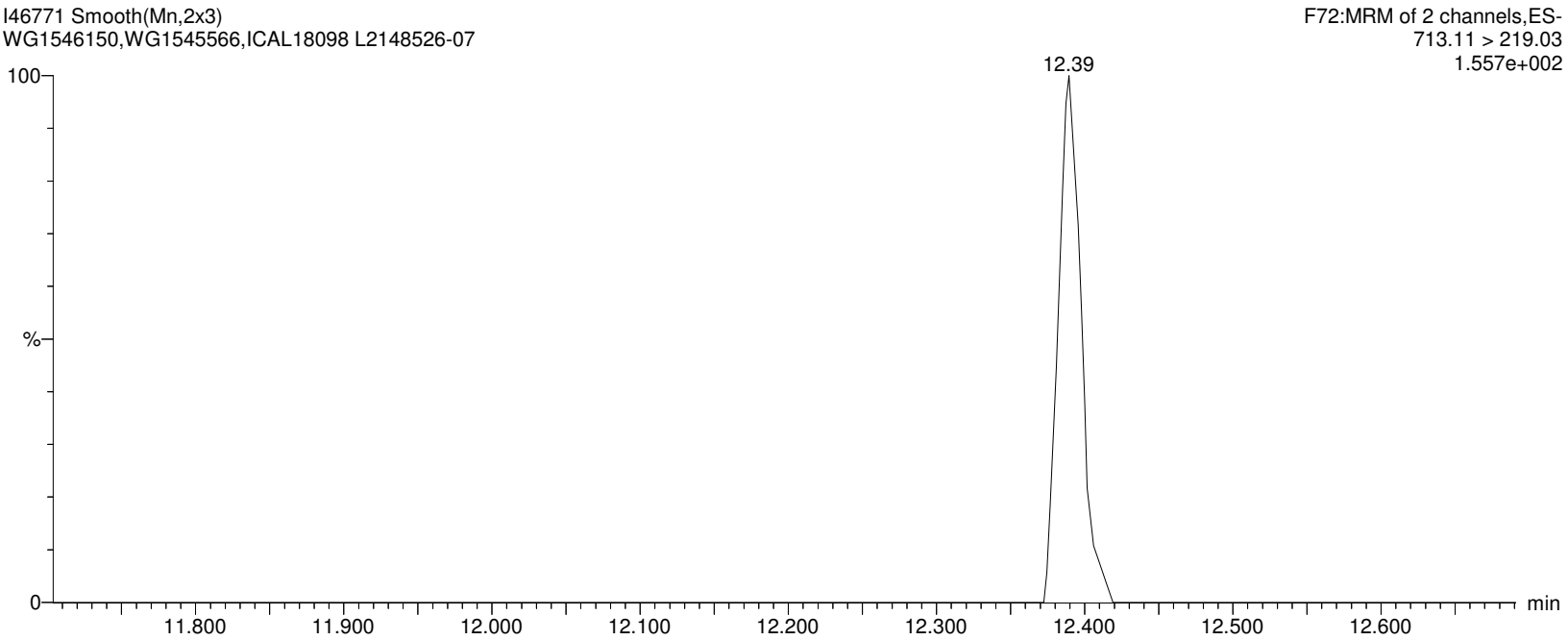
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:10 Eastern Daylight Time

Name: I46771
ID: L2148526-07
Date: 15-Sep-2021
Time: 07:05:10
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTA



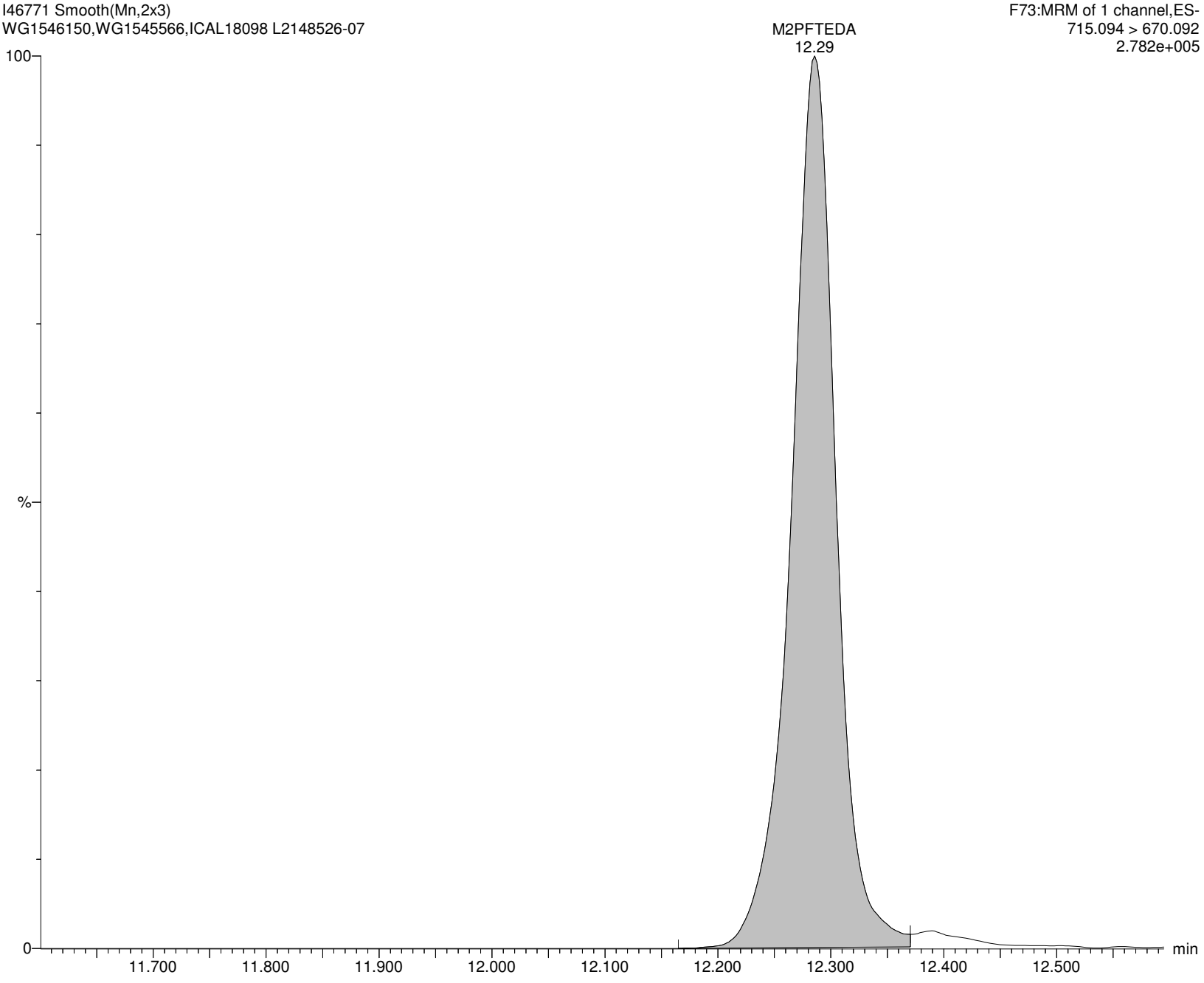


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:10 Eastern Daylight Time

Name: I46771
ID: L2148526-07
Date: 15-Sep-2021
Time: 07:05:10
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFTEDA



all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:12 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210914_537ISO.PRO\MethDB\537ISO_Q_210625_TOP_RT2.mdb 03 Sep 2021 08:44:20
Calibration: C:\MassLynx\Data\2021\210914_537ISO.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

ID: L2148526-08
Name: I46772
Date: 15-Sep-2021
Time: 07:21:44
Description: WG1546150,WG1545566,ICAL18098
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:SG
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4		213.032 > 169.022			ND		na	
2	M3PFBA	INT STD	2.10	216.009 > 171.999	50097		9.542		na	95.4
3	MPFBA	INT STD	2.10	217.001 > 171.999	57793		10.729		na	107.3
4	PFPeA	2706-90-3	4.99	263.039 > 219.03	114		0.018		na	
5	M5PFPEA	INT STD	4.99	268.001 > 222.999	68331		11.560		na	115.6
6	PFBS	375-73-5		299.092 > 80.062			ND		YES	
7	M3PFBS	INT STD	5.64	302.069 > 80.062	12054		9.843		na	98.4
8	4:2FTS	757124-72-4		327.146 > 307.139			ND		YES	
9	M2-4:2FTS	INT STD	6.81	329.13 > 309.124	4332		8.827		na	88.3
10	PFHxA	307-24-4	6.88	313.047 > 269.037	445	M7	0.069	19.58	NO	
11	M5PFHxA	INT STD	6.88	318.009 > 273.007	60902		10.807		na	108.1
12	PFPeS	2706-91-4		349.1 > 80.062			ND		YES	
13	PFHpA	375-85-9		363.055 > 319.045			ND		YES	
14	M4PFHpA	INT STD	8.15	367.025 > 322.022	89905		10.700		na	107.0
15	br-PFHxS	355-46-4		399.107 > 80.062			ND		YES	
16	L-PFHxS	355-46-4		399.107 > 80.062			ND		YES	
17	PFHxS	355-46-4		399.107 > 80.062	0		ND		na	
18	M3PFHxS	INT STD	8.31	402.084 > 80.062	14340		10.325		na	103.3
19	br-PFOA	335-67-1		413.063 > 369.053			ND		YES	
20	L-PFOA	335-67-1		413.063 > 369.053			ND		YES	
21	PFOA	335-67-1		413.063 > 369.053	0		ND		na	
22	M8PFOA	INT STD	9.09	421.002 > 376.	93611		10.004		na	100.0
23	M2PFOA	INT STD	9.09	415.048 > 370.045	92167		8.702		na	87.0
24	6:2FTS	27619-97-2		427.161 > 407.155			ND		YES	
25	M2-6:2FTS	INT STD	9.05	429.146 > 409.14	5201		10.323		na	103.2
26	PFHpS	375-92-8		449.115 > 80.062			ND		YES	
27	PFNA	375-95-1		463.071 > 419.061			ND		YES	
28	M9PFNA	INT STD	9.84	472.002 > 427.	26706		9.936		na	99.4
29	br-PFOS	1763-23-1		499.123 > 80.062			ND		YES	
30	L-PFOS	1763-23-1		499.123 > 80.062			ND		YES	
31	PFOS	1763-23-1		499.123 > 80.062	0		ND		na	
32	M4PFOS	INT STD	9.89	503.093 > 80.062	11100		9.807		na	98.1
33	M8PFOS	INT STD	9.90	507.062 > 80.062	13407		10.779		na	107.8
34	PFDA	335-76-2		513.078 > 469.069			ND		YES	
35	M2PFDA	INT STD	10.48	515.053 > 469.934	53090		8.703		na	87.0
36	M6PFDA	INT STD	10.48	519.033 > 474.03	64353		10.679		na	106.8
37	8:2FTS	39108-34-4		527.177 > 507.171			ND		YES	
38	M2-8:2FTS	INT STD	10.47	529.162 > 509.155	4005		10.813		na	108.1
39	PFNS	68259-12-1		549.131 > 80.062			ND		YES	

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:12 Eastern Daylight Time

ID: L2148526-08
Name: I46772
Date: 15-Sep-2021
Time: 07:21:44
Description: WG1546150,WG1545566,ICAL18098
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:SG
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.86	573.22 > 419.061	5296		9.324		na	93.2
41	br-NMeFOSAA			570.202 > 419.061			ND		YES	
42	L-NMeFOSAA			570.202 > 419.061			ND		YES	
43	NMeFOSAA	2355-31-9		570.202 > 419.061	0		ND		na	
44	PFUnA	2058-94-8		563.086 > 519.076			ND		YES	
45	M7-PFUDA	INT STD	11.02	570.033 > 525.031	58565		10.421		na	104.2
46	PFDS	335-77-3		599.139 > 80.062			ND		YES	
47	FOSA	754-91-6		498.146 > 78.07			ND		YES	
48	M8FOSA	INT STD	10.95	506.077 > 78.07	23730		7.274		na	72.7
49	br-NEtFOSAA			584.229 > 419.061			ND		YES	
50	L-NEtFOSAA			584.229 > 419.061			ND		YES	
51	NEtFOSAA	2991-50-6		584.229 > 419.061	0		ND		na	
52	d5-NEtFOSAA	INT STD	11.16	589.259 > 419.061	4310		9.183		na	91.8
53	PFDoA	307-55-1		613.094 > 569.084			ND		YES	
54	MPFDOA	INT STD	11.50	615.079 > 570.077	56261		10.377		na	103.8
55	PFTrDA	72629-94-8		663.102 > 619.092			ND		YES	
56	PFTA	376-06-7		713.11 > 669.1			ND		YES	
57	M2PFTEDA	INT STD	12.28	715.094 > 670.092	14968		8.802		na	88.0

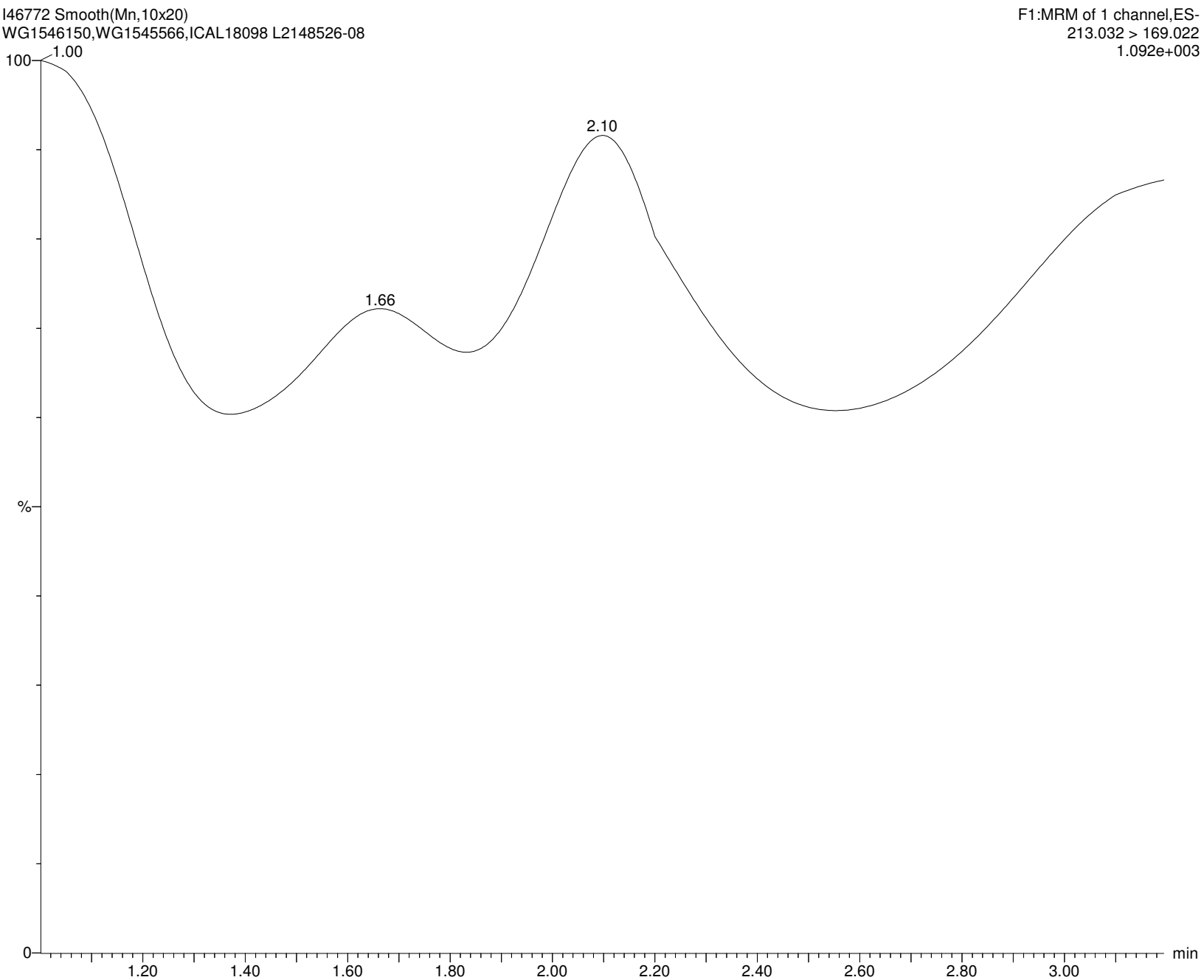
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:12 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210914_537ISO.PRO\MethDB\537ISO_Q_210625_TOP_RT2.mdb 03 Sep 2021 08:44:20
Calibration: C:\MassLynx\Data\2021\210914_537ISO.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

Name: I46772
ID: L2148526-08
Date: 15-Sep-2021
Time: 07:21:44
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBA

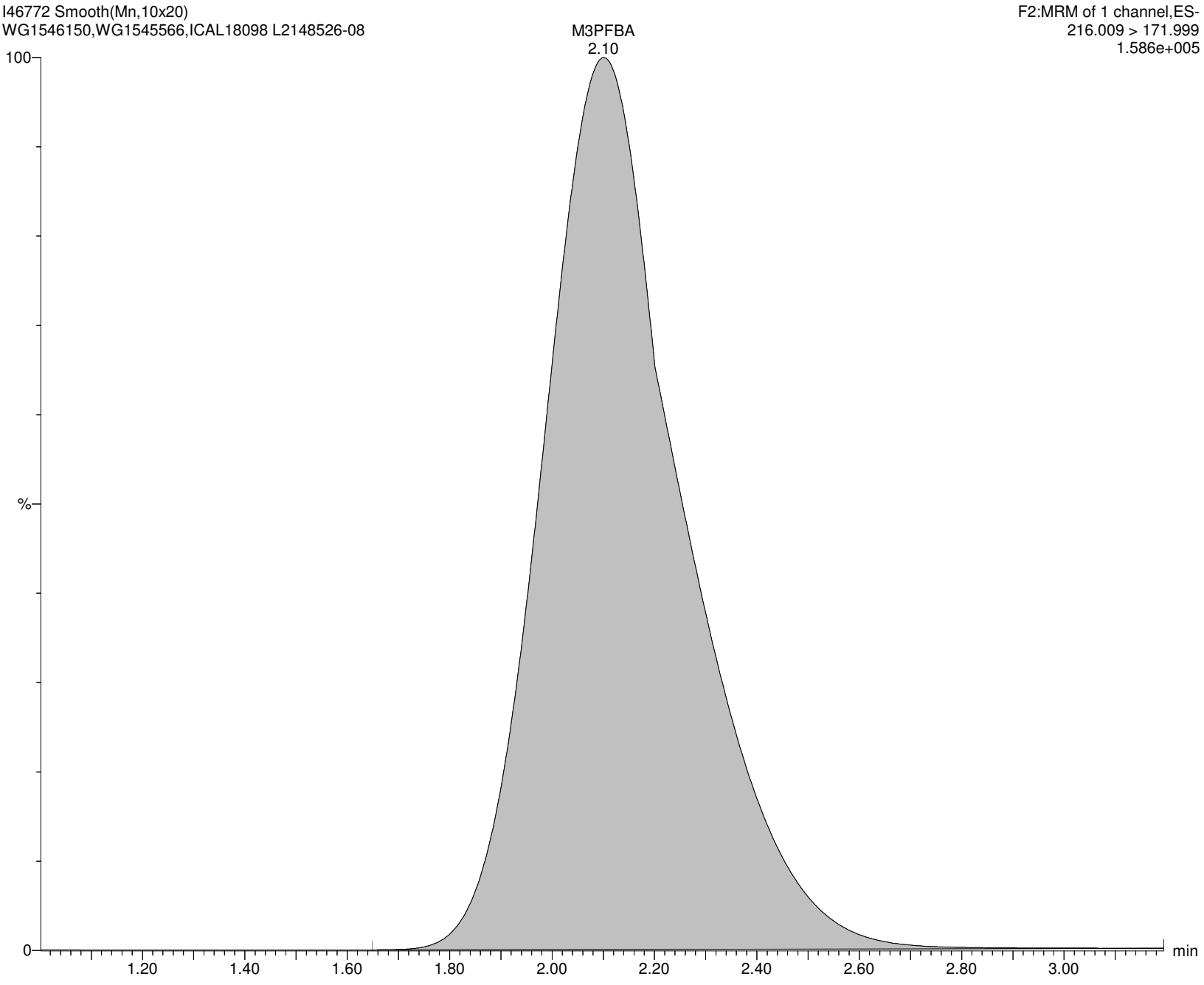


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:12 Eastern Daylight Time

Name: I46772
ID: L2148526-08
Date: 15-Sep-2021
Time: 07:21:44
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBA

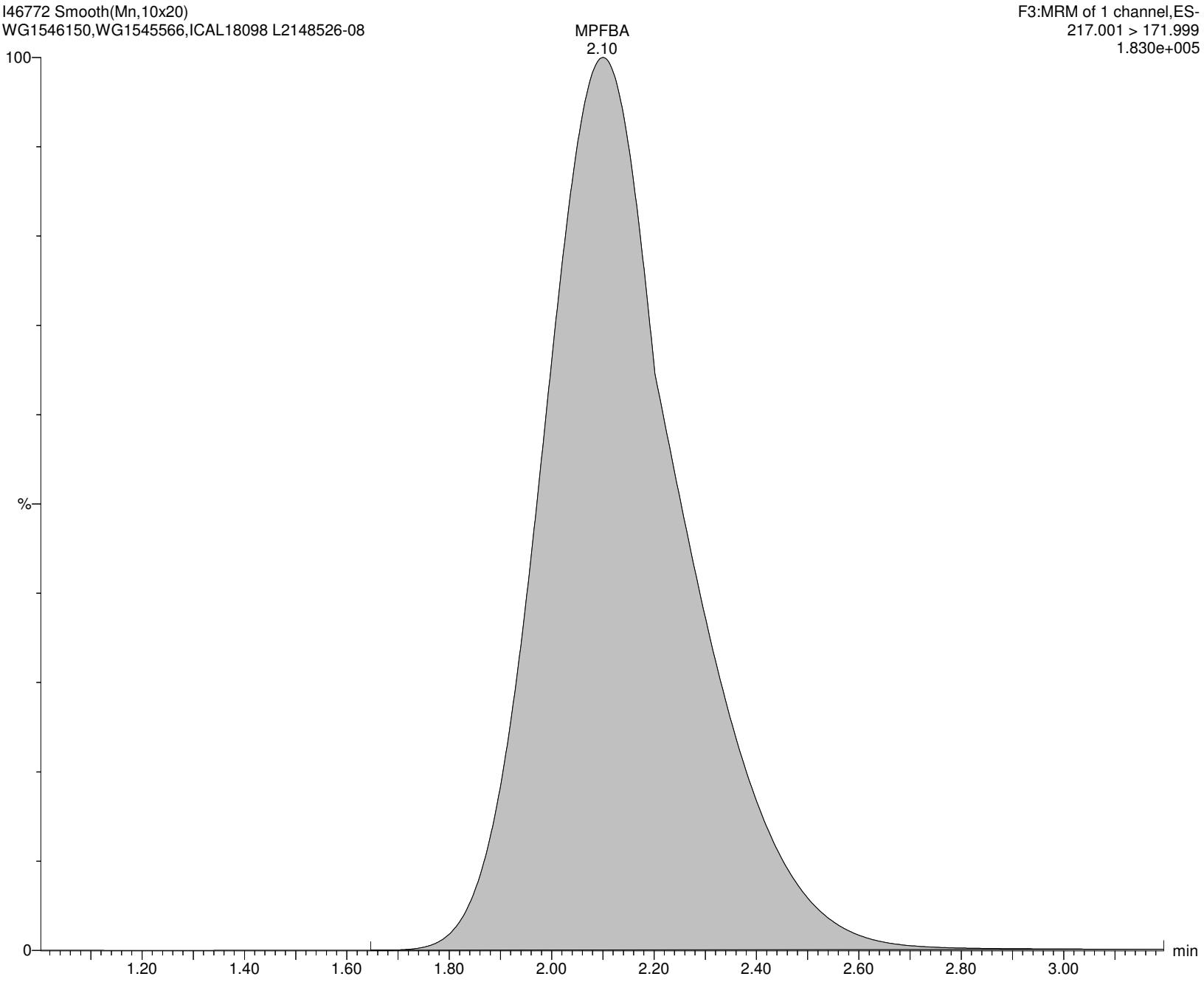


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:12 Eastern Daylight Time

Name: I46772
ID: L2148526-08
Date: 15-Sep-2021
Time: 07:21:44
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFBA

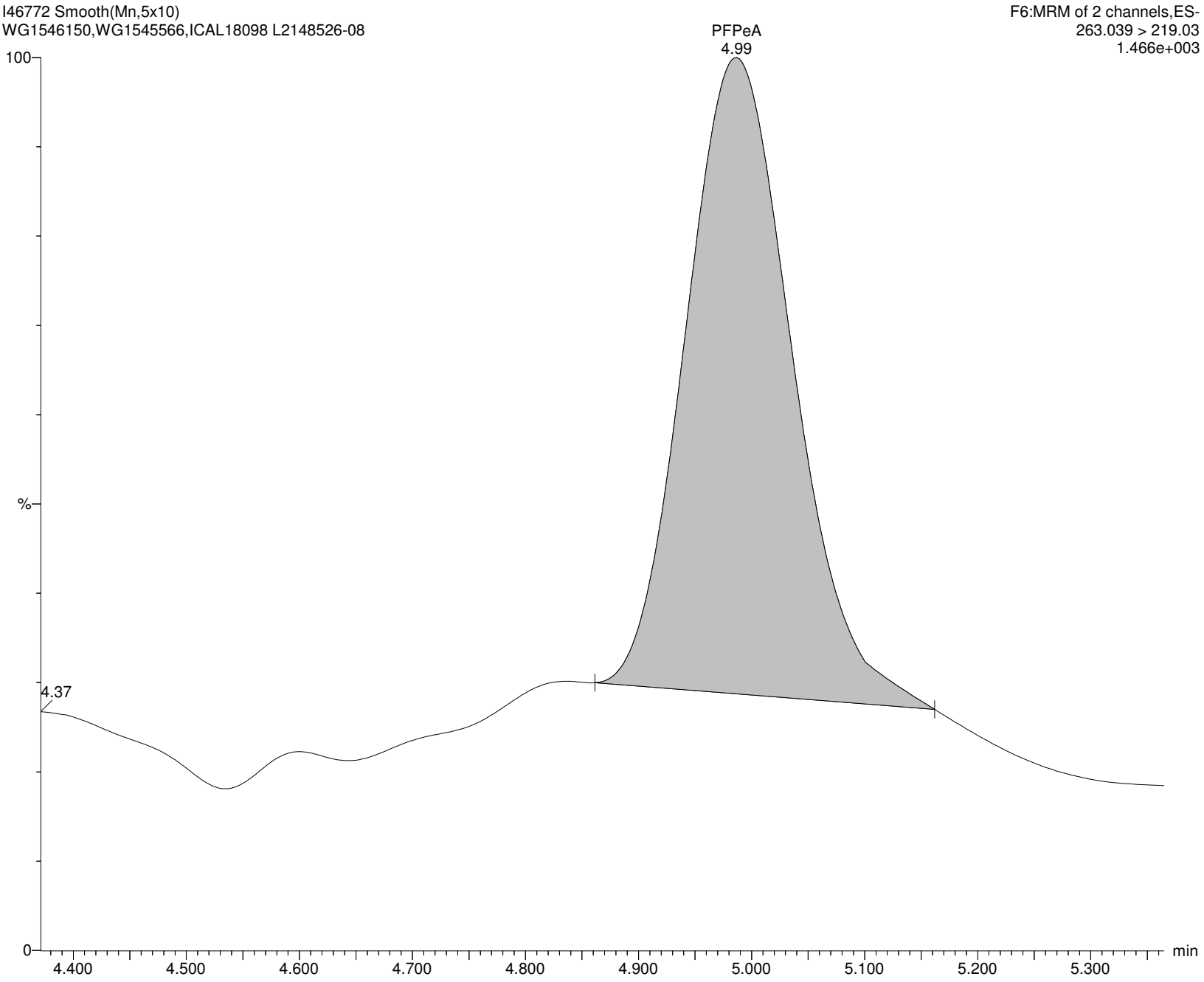


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:12 Eastern Daylight Time

Name: I46772
ID: L2148526-08
Date: 15-Sep-2021
Time: 07:21:44
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeA

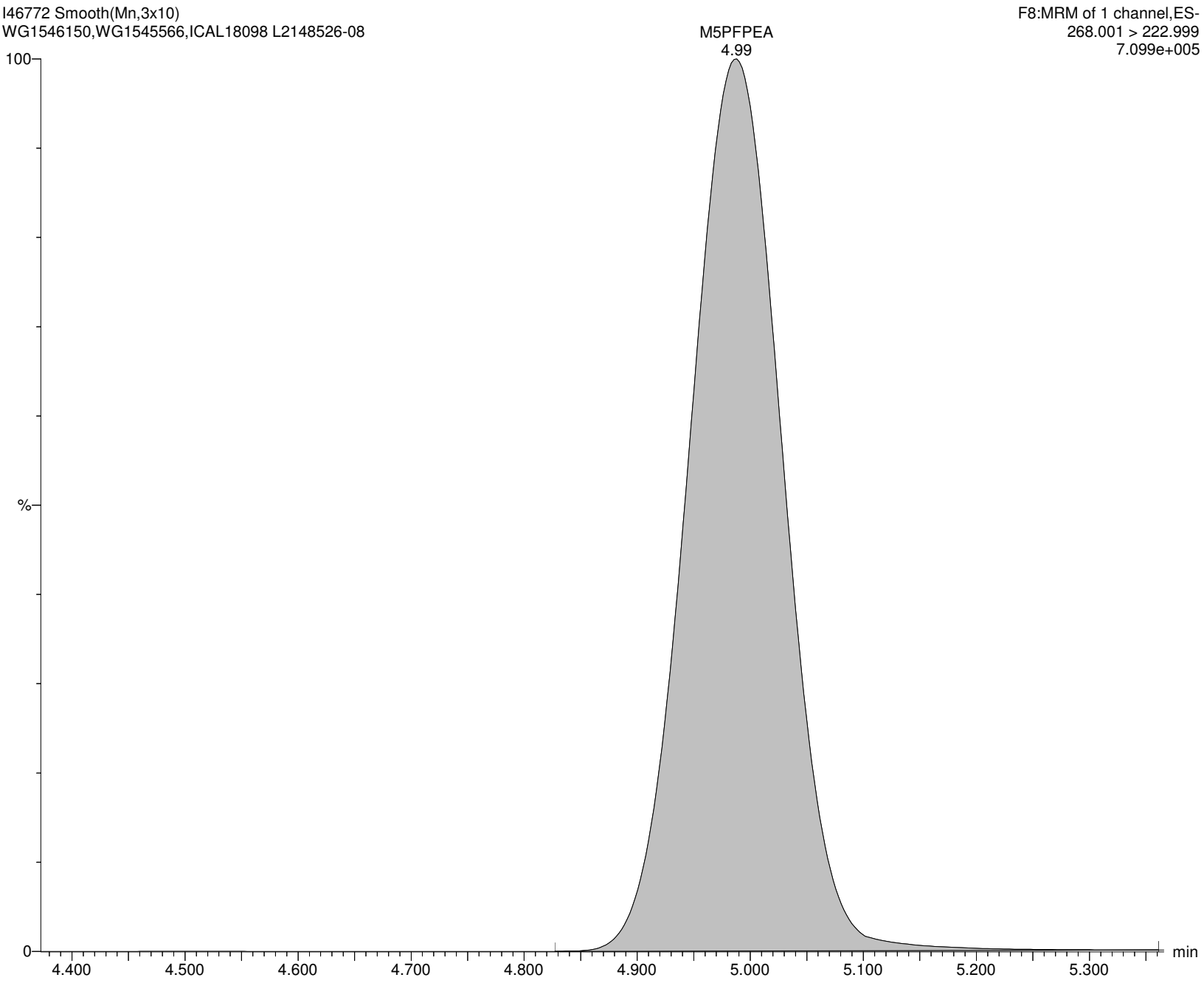


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:12 Eastern Daylight Time

Name: I46772
ID: L2148526-08
Date: 15-Sep-2021
Time: 07:21:44
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFPEA

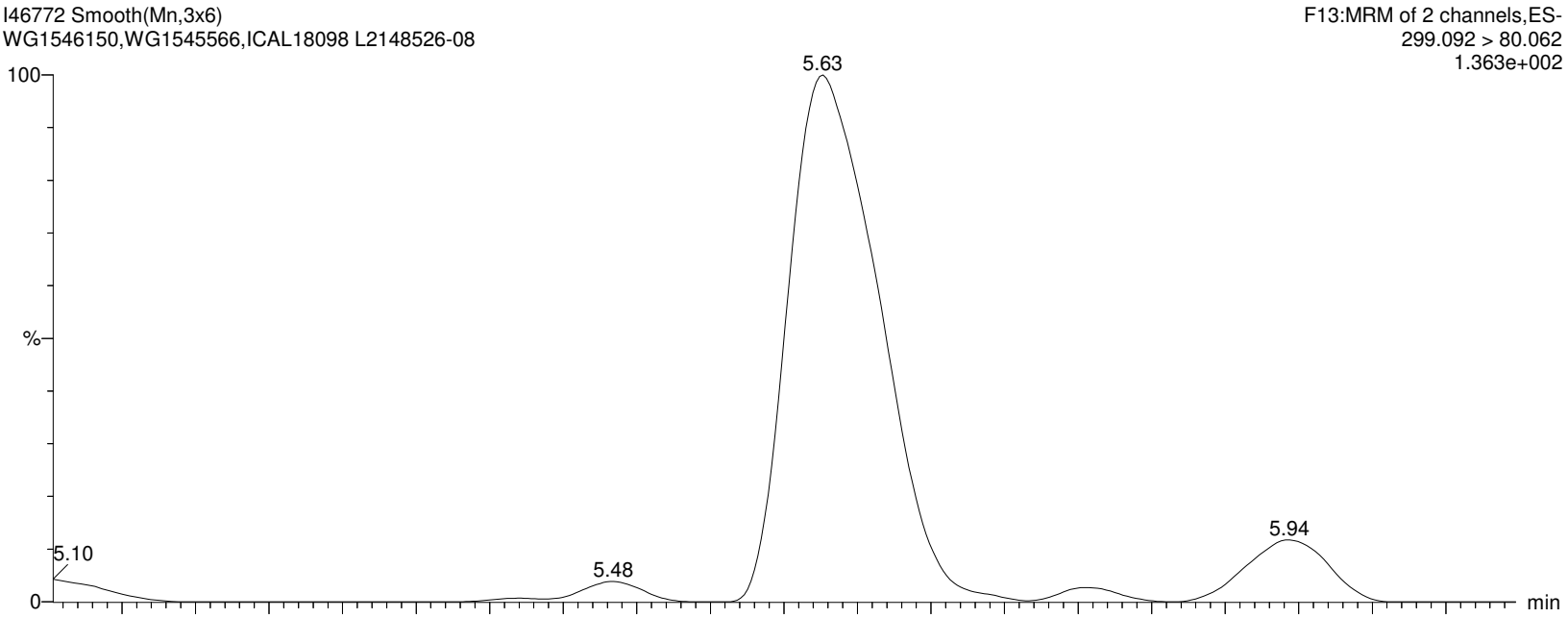


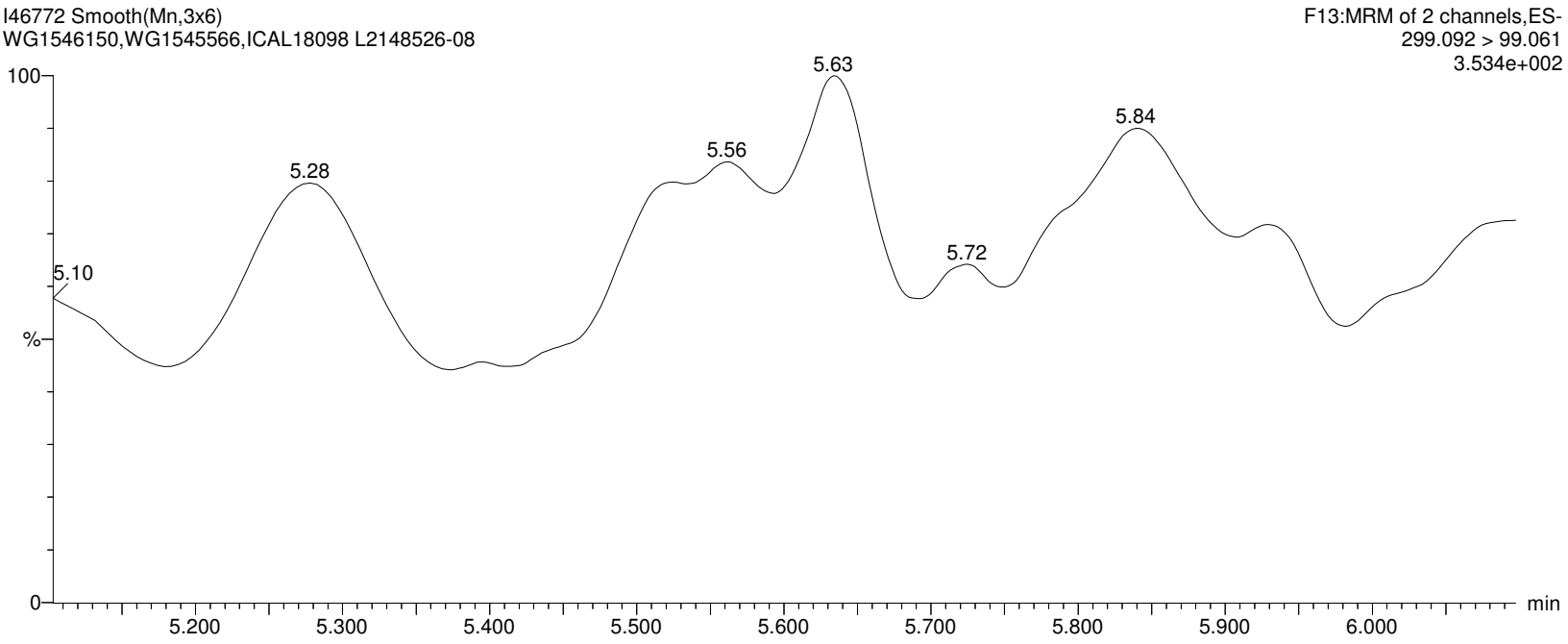
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:12 Eastern Daylight Time

Name: I46772
ID: L2148526-08
Date: 15-Sep-2021
Time: 07:21:44
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBS



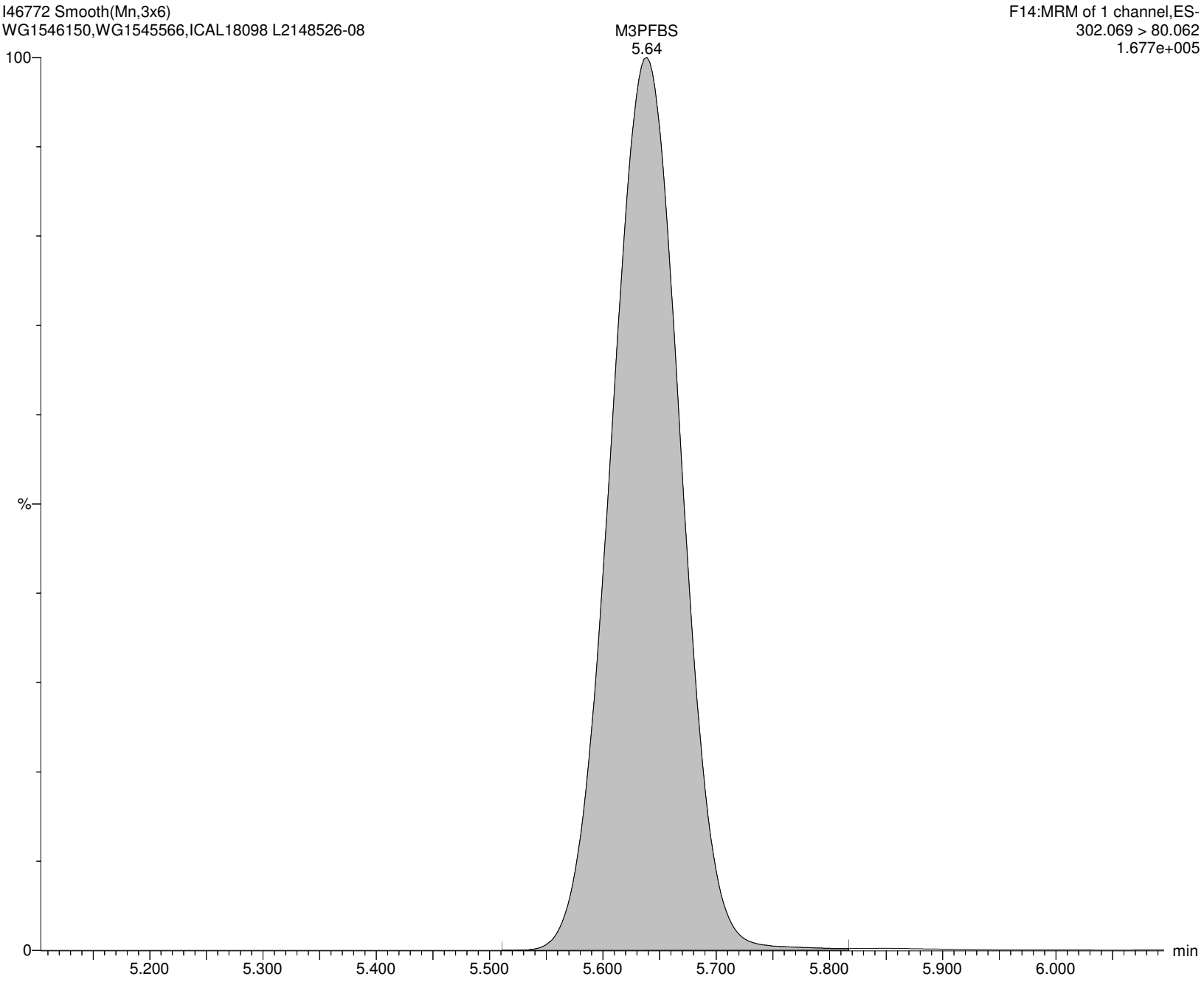


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:12 Eastern Daylight Time

Name: I46772
ID: L2148526-08
Date: 15-Sep-2021
Time: 07:21:44
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBS

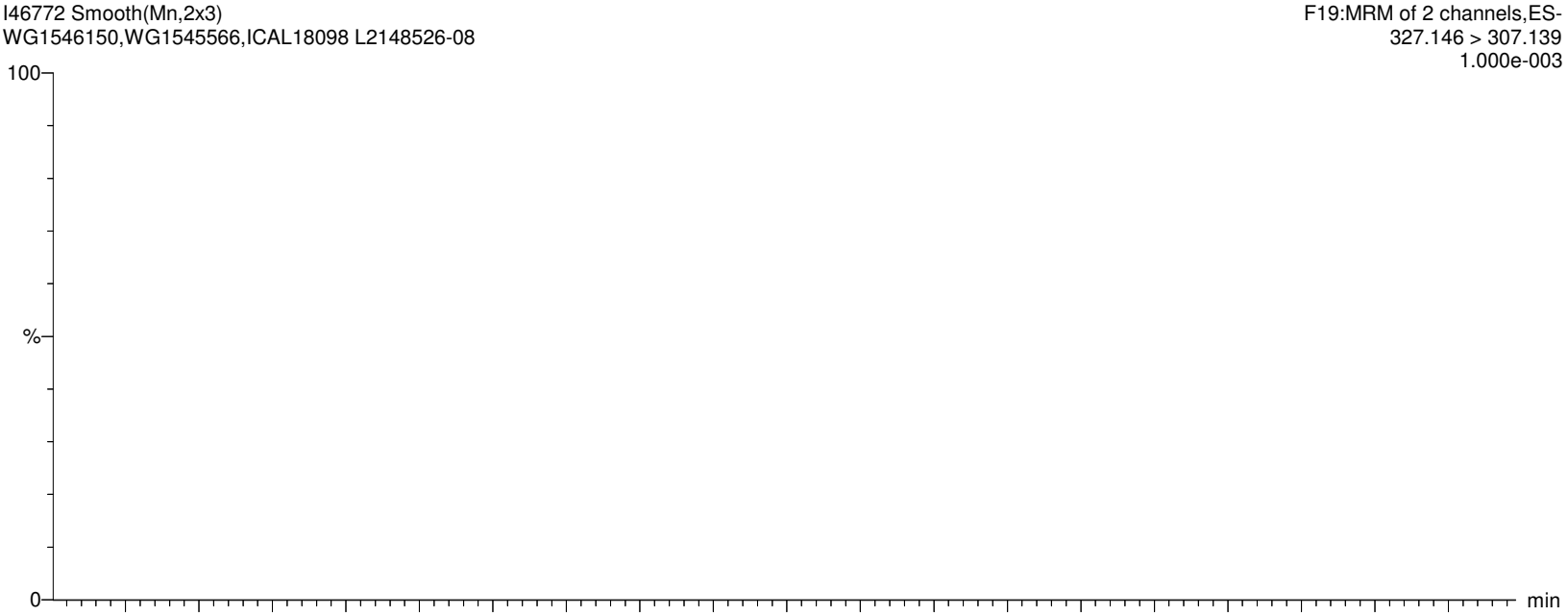


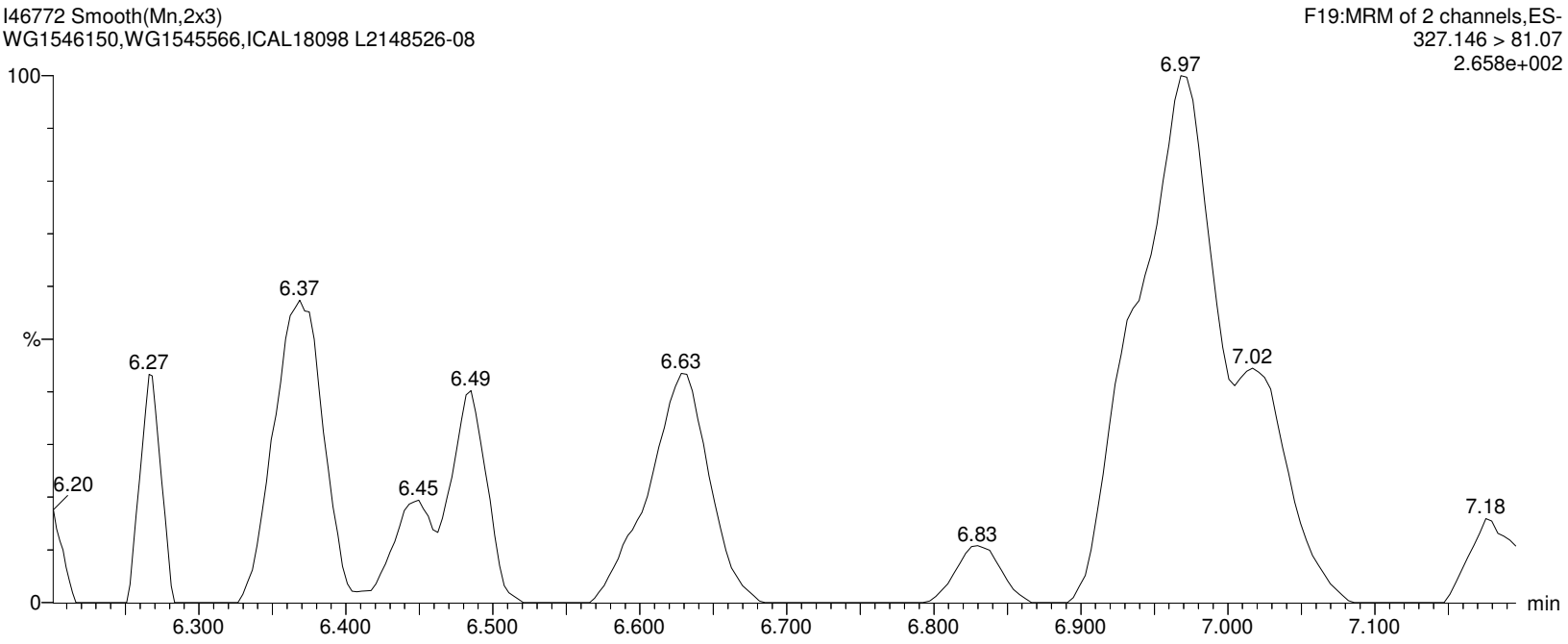
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:12 Eastern Daylight Time

Name: I46772
ID: L2148526-08
Date: 15-Sep-2021
Time: 07:21:44
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

4:2FTS



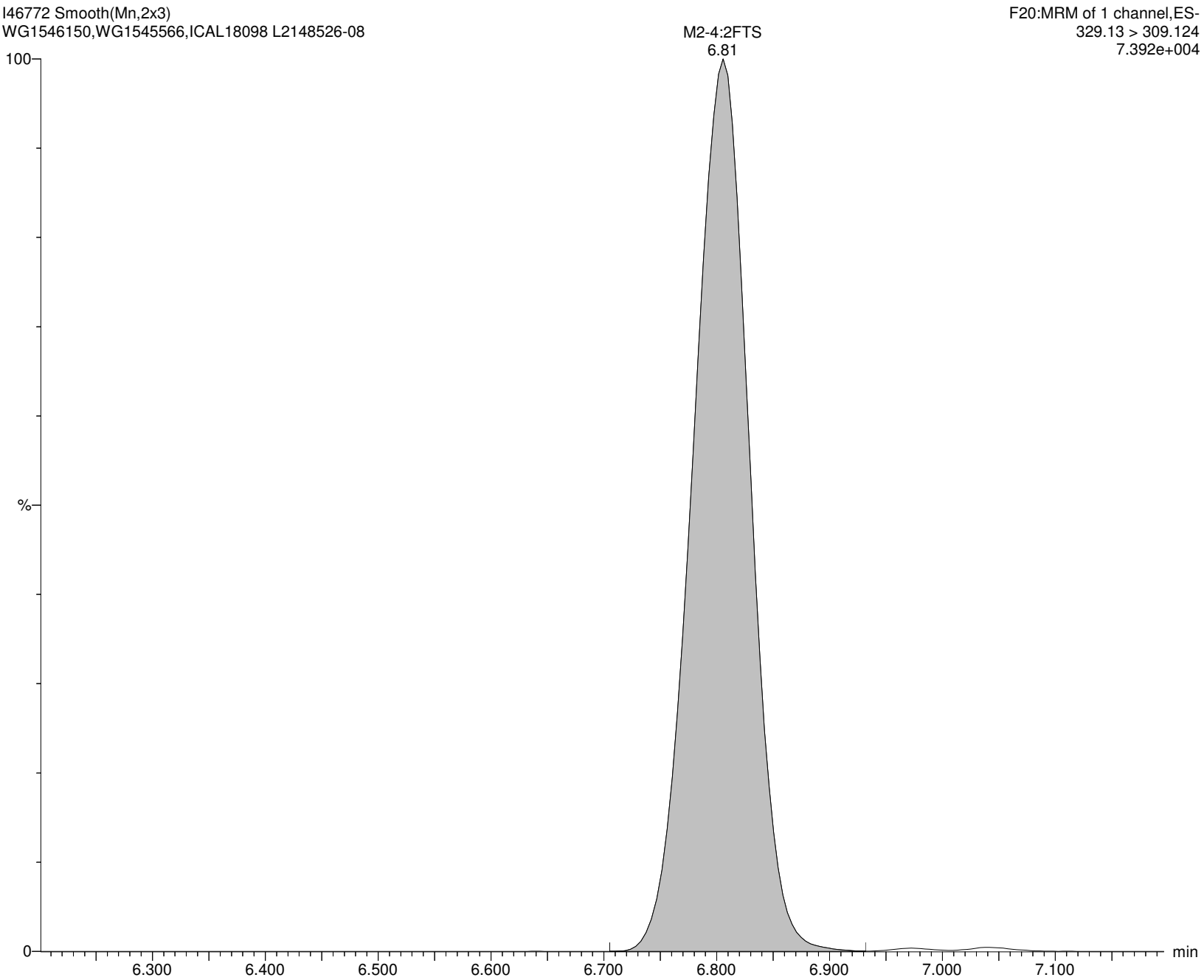


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:12 Eastern Daylight Time

Name: I46772
ID: L2148526-08
Date: 15-Sep-2021
Time: 07:21:44
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-4:2FTS

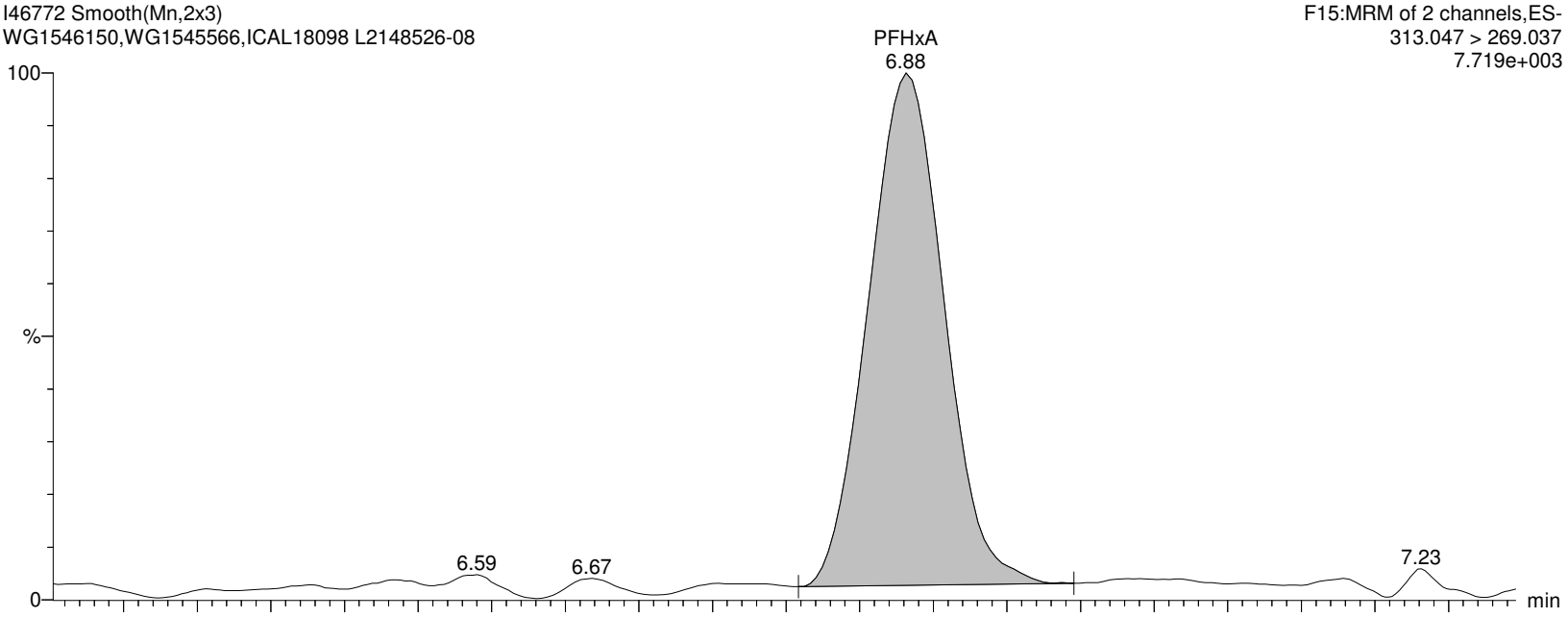


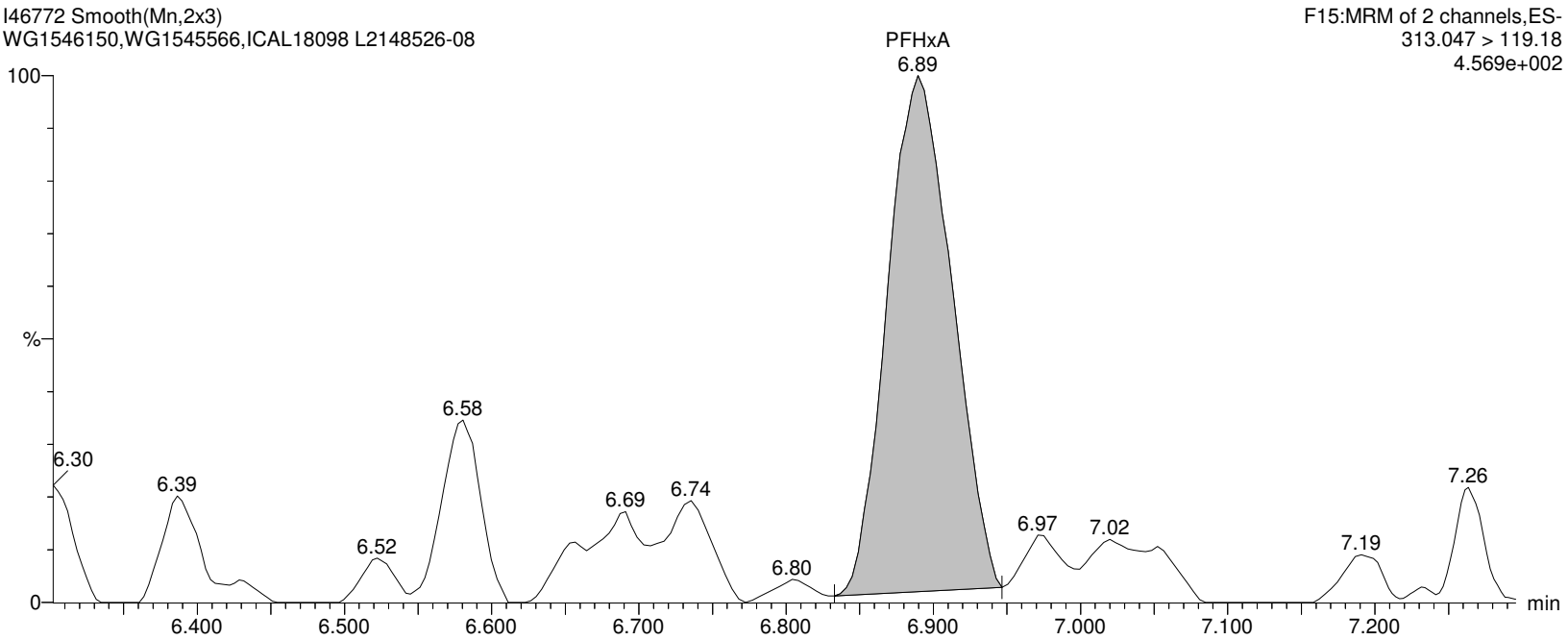
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:12 Eastern Daylight Time

Name: I46772
ID: L2148526-08
Date: 15-Sep-2021
Time: 07:21:44
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxA



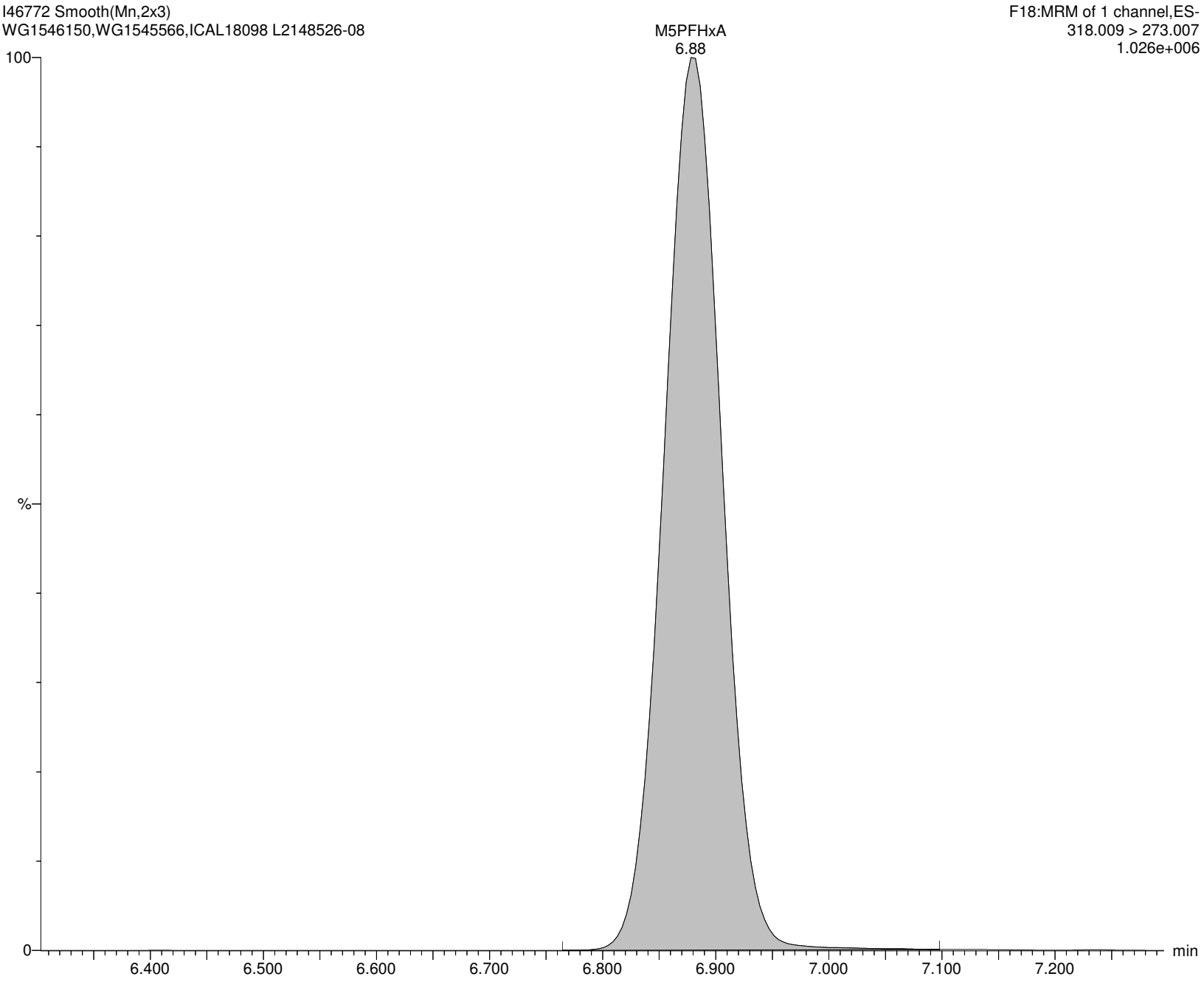


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:12 Eastern Daylight Time

Name: I46772
ID: L2148526-08
Date: 15-Sep-2021
Time: 07:21:44
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFHxA

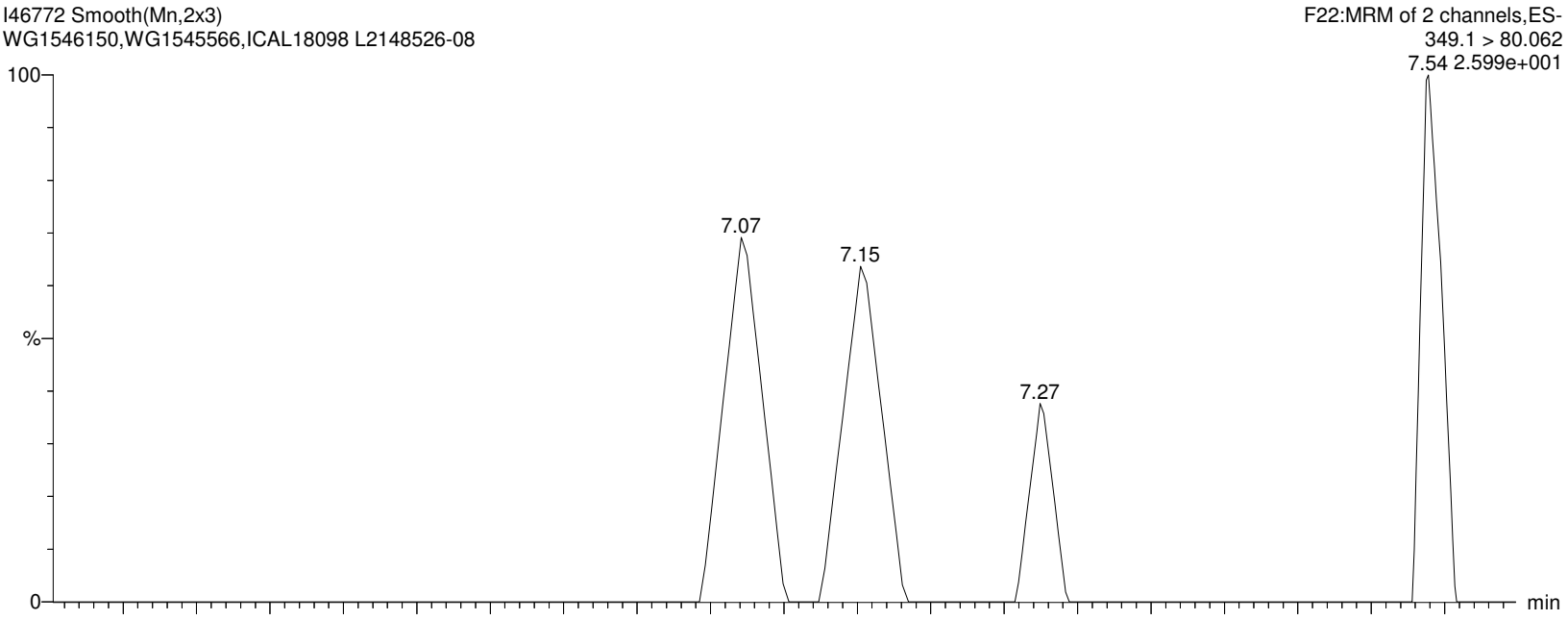


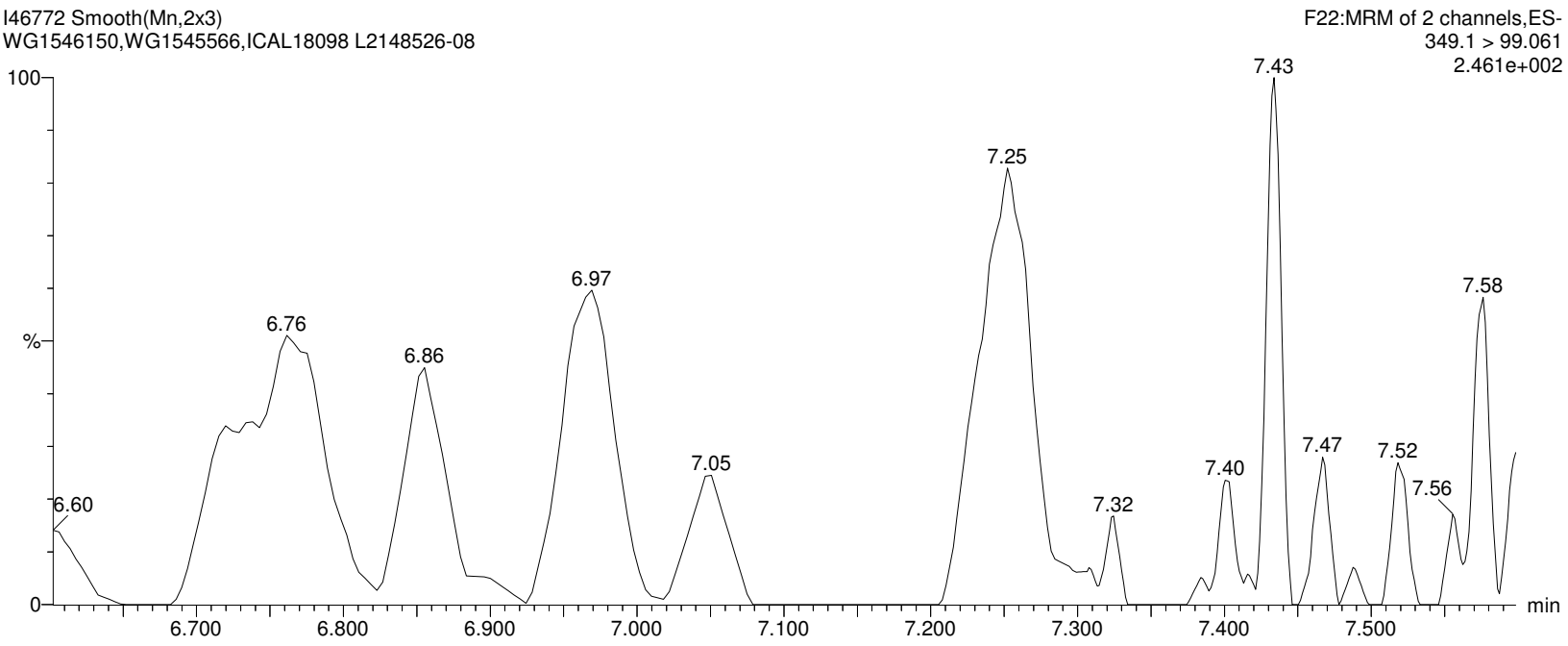
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:12 Eastern Daylight Time

Name: I46772
ID: L2148526-08
Date: 15-Sep-2021
Time: 07:21:44
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeS



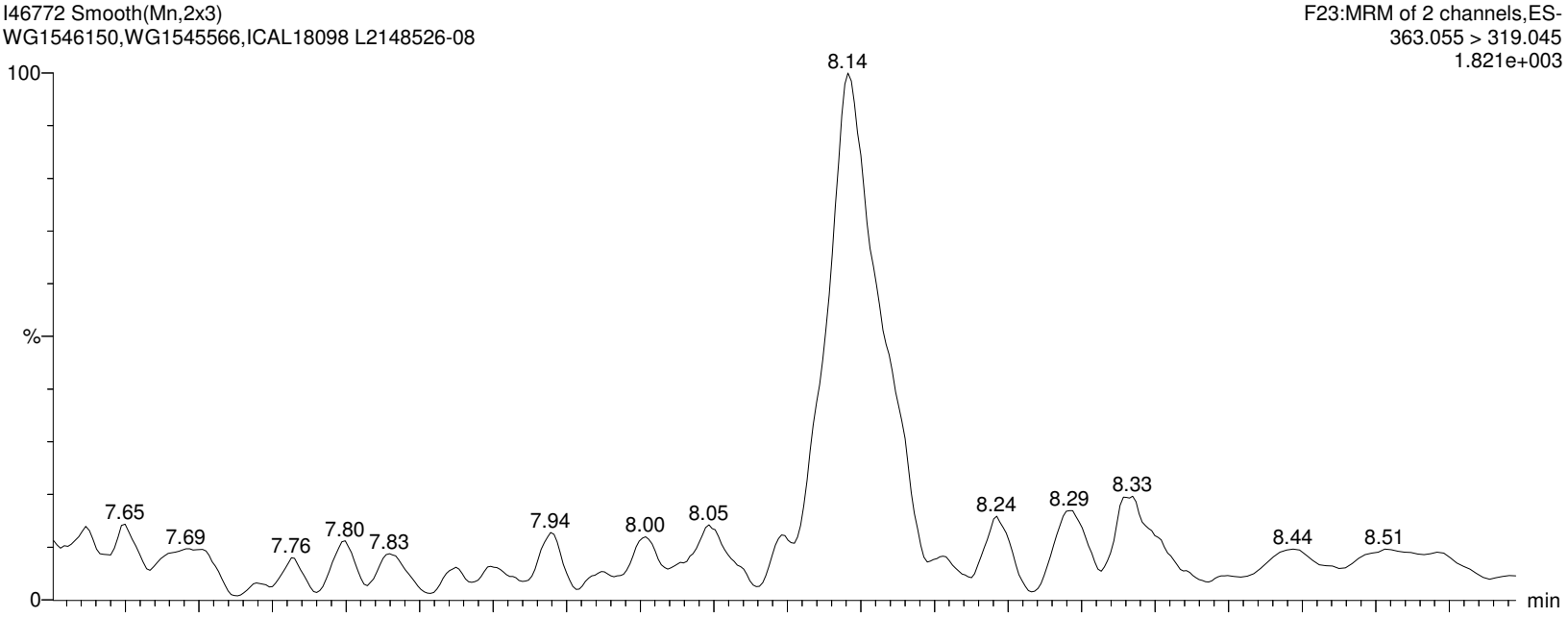


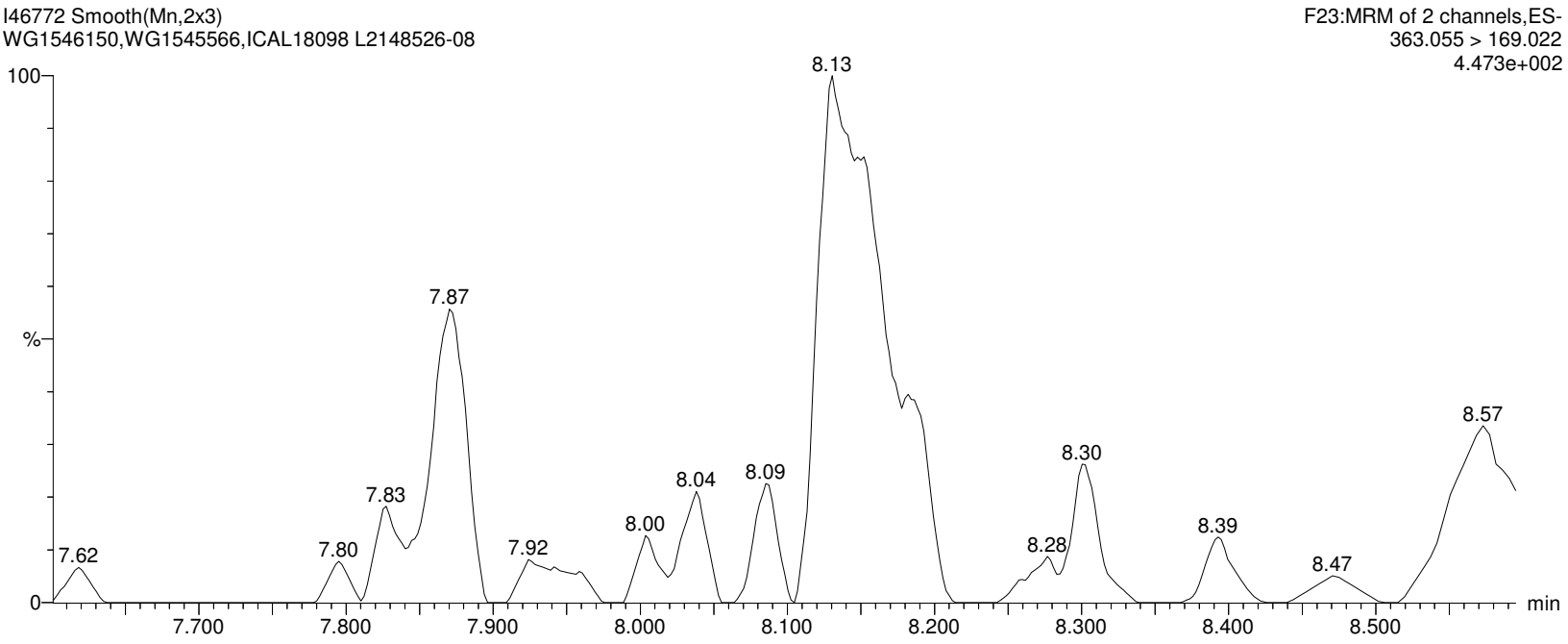
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:12 Eastern Daylight Time

Name: I46772
ID: L2148526-08
Date: 15-Sep-2021
Time: 07:21:44
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpA



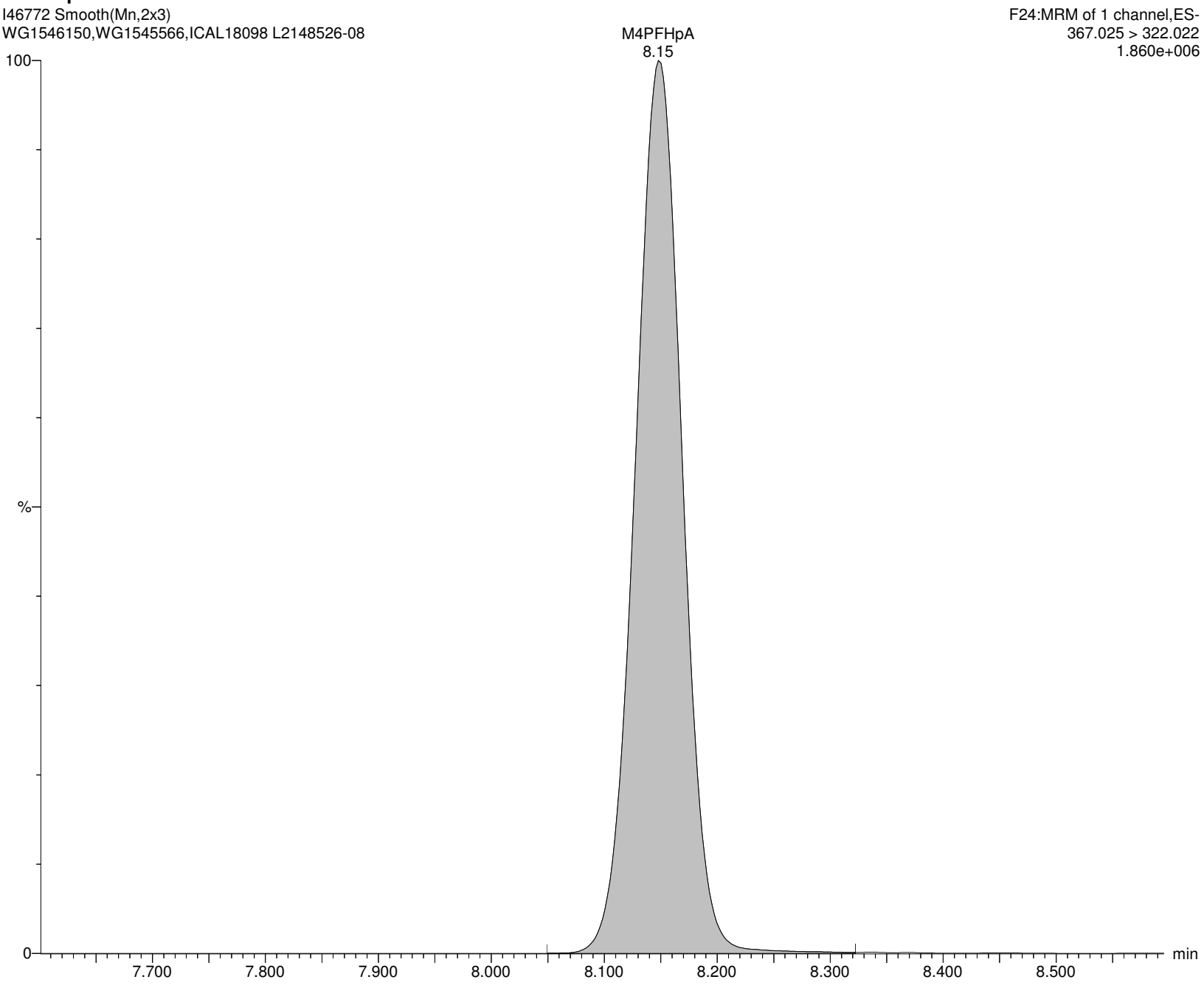


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:12 Eastern Daylight Time

Name: I46772
ID: L2148526-08
Date: 15-Sep-2021
Time: 07:21:44
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFHpA

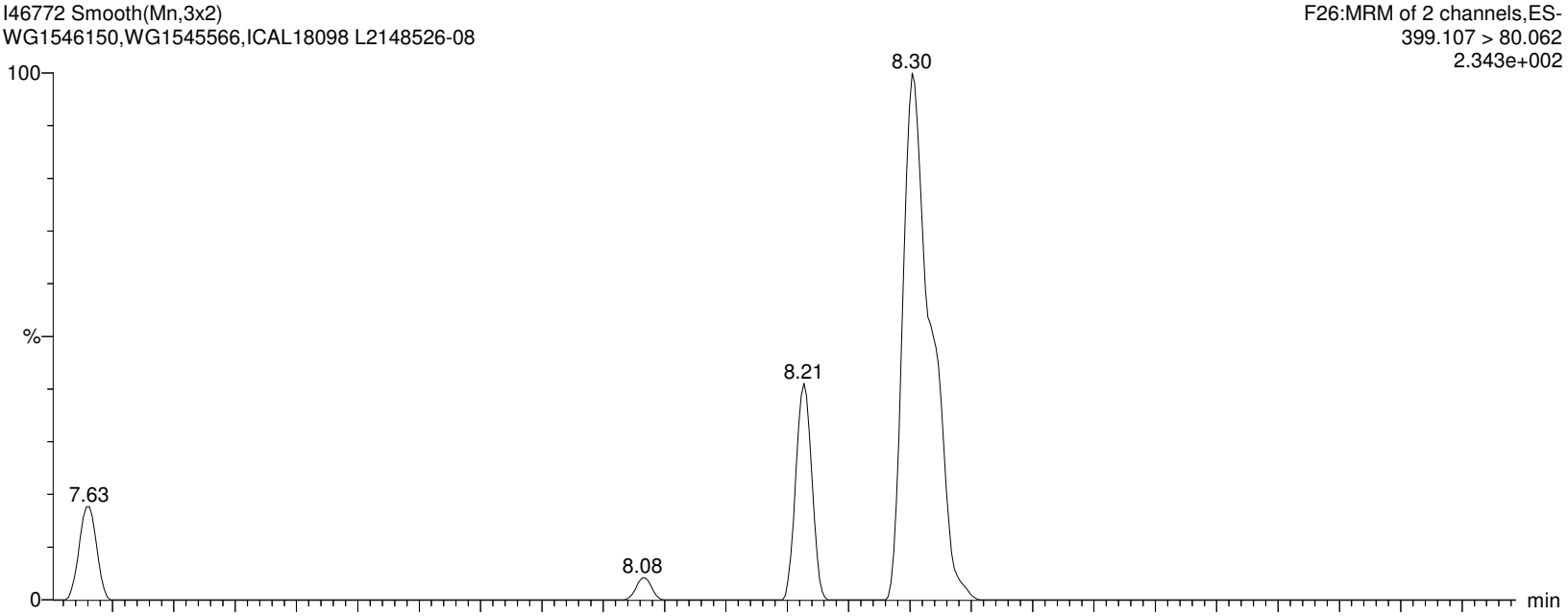


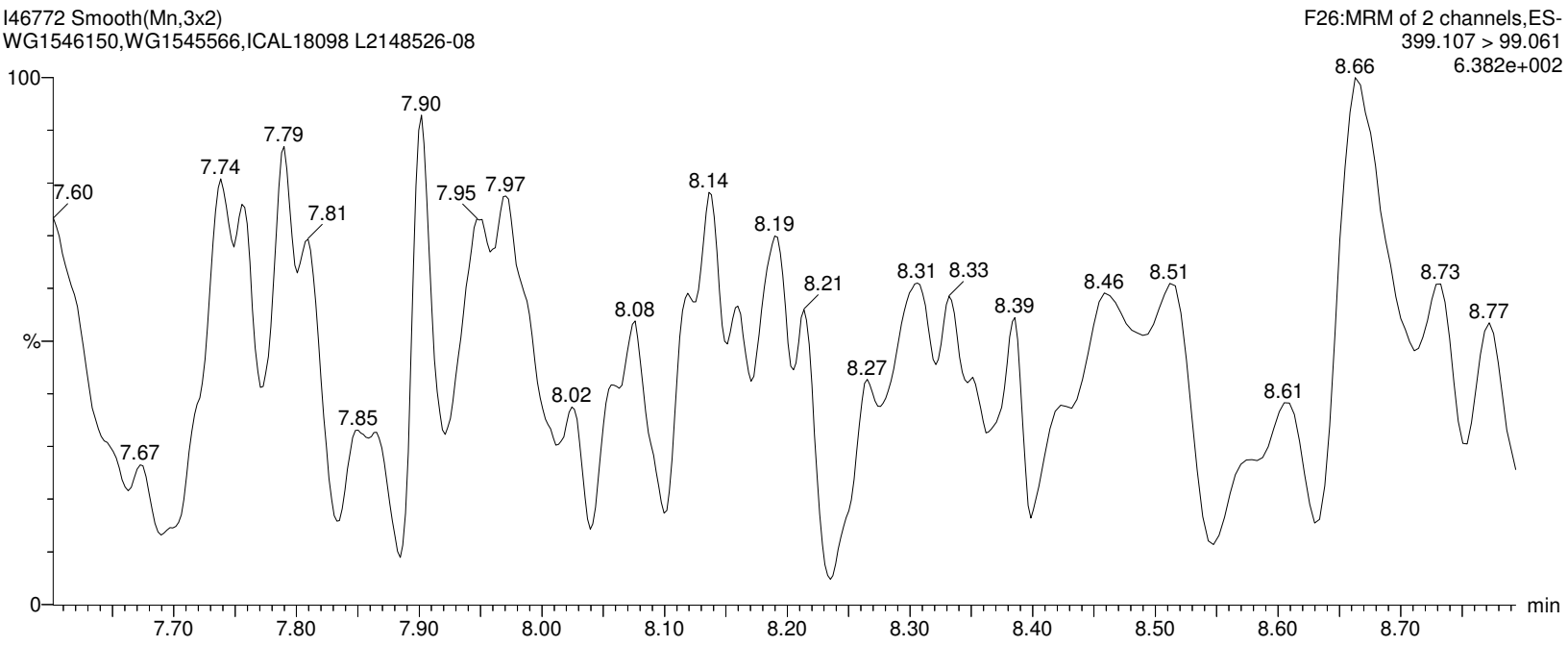
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:12 Eastern Daylight Time

Name: I46772
ID: L2148526-08
Date: 15-Sep-2021
Time: 07:21:44
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFHxS



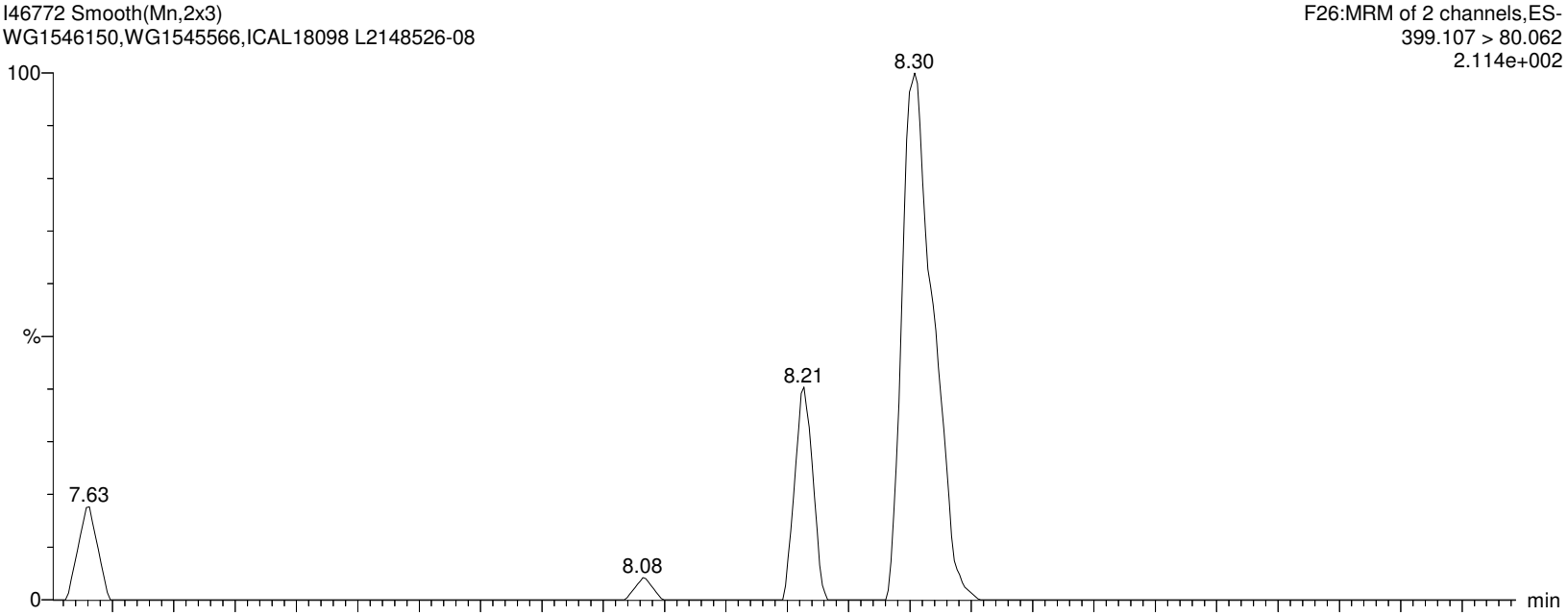


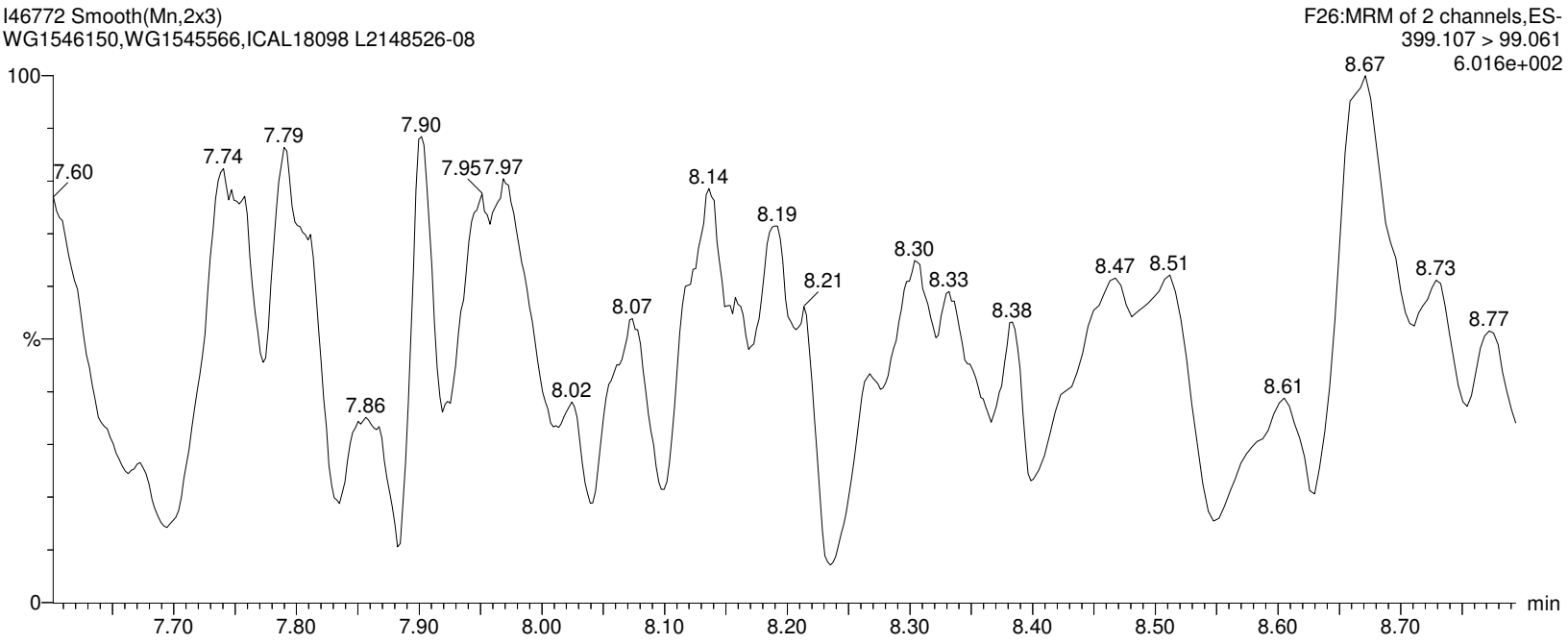
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:12 Eastern Daylight Time

Name: I46772
ID: L2148526-08
Date: 15-Sep-2021
Time: 07:21:44
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFHxS



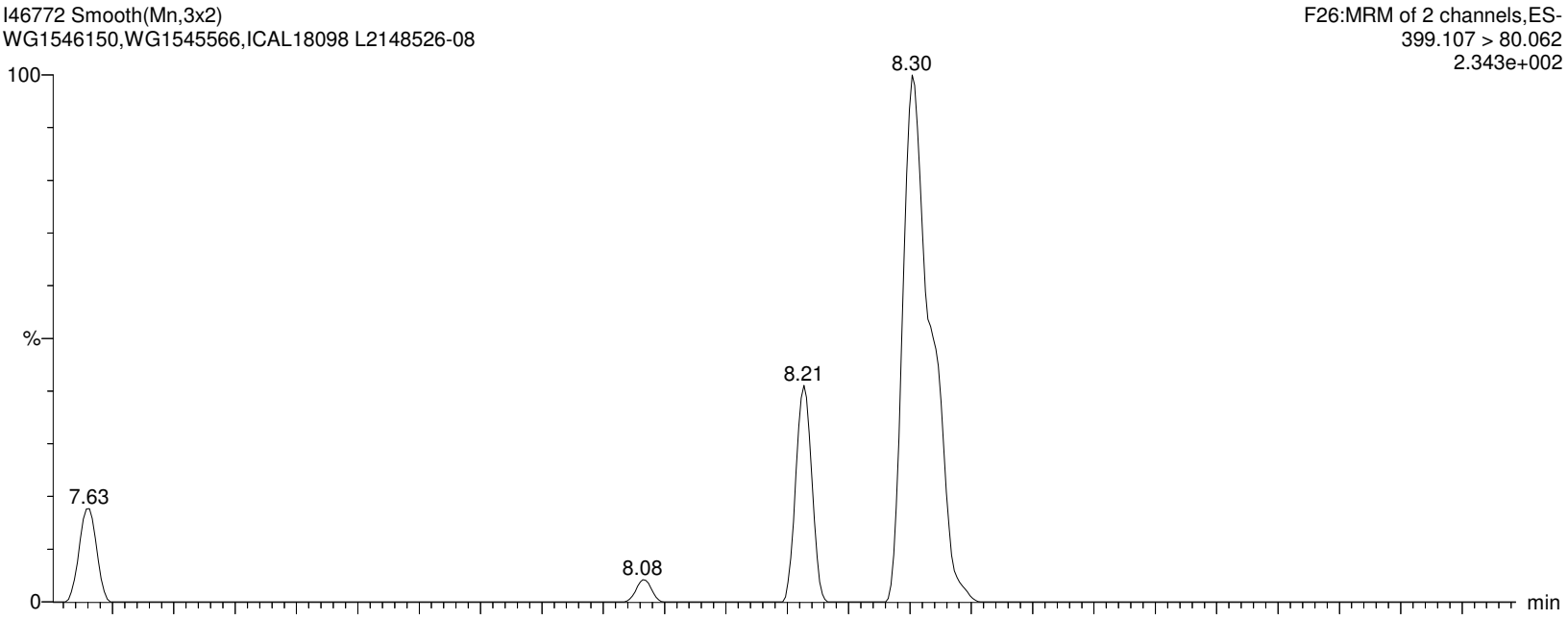


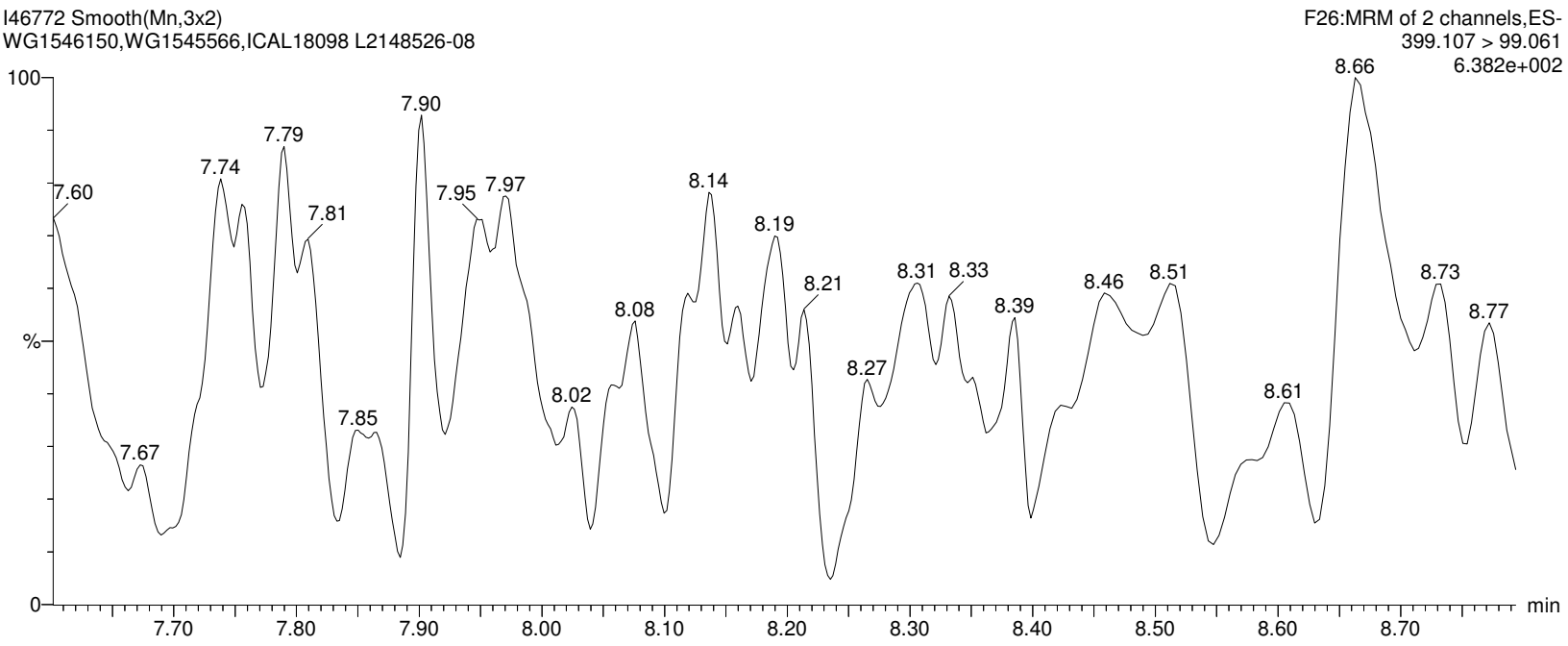
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:12 Eastern Daylight Time

Name: I46772
ID: L2148526-08
Date: 15-Sep-2021
Time: 07:21:44
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxS



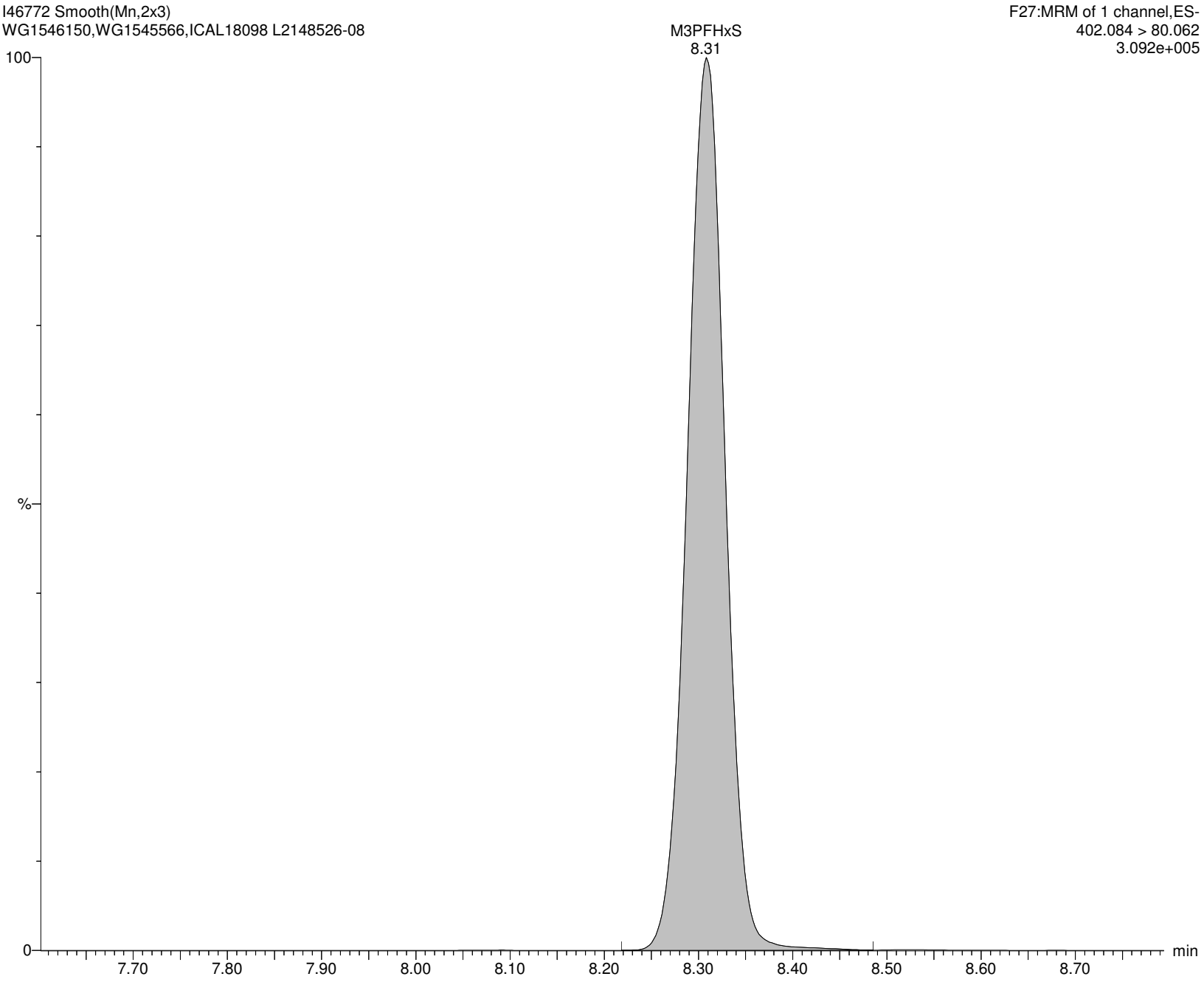


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:12 Eastern Daylight Time

Name: I46772
ID: L2148526-08
Date: 15-Sep-2021
Time: 07:21:44
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFHxS

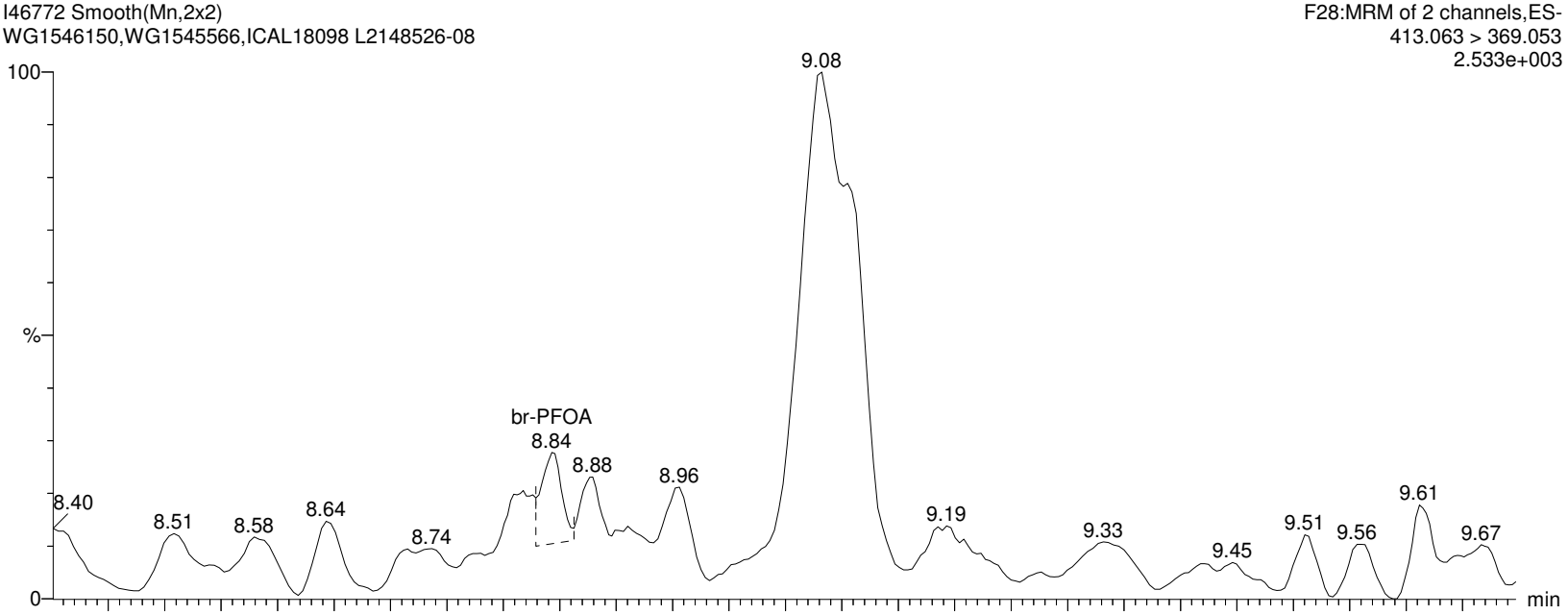


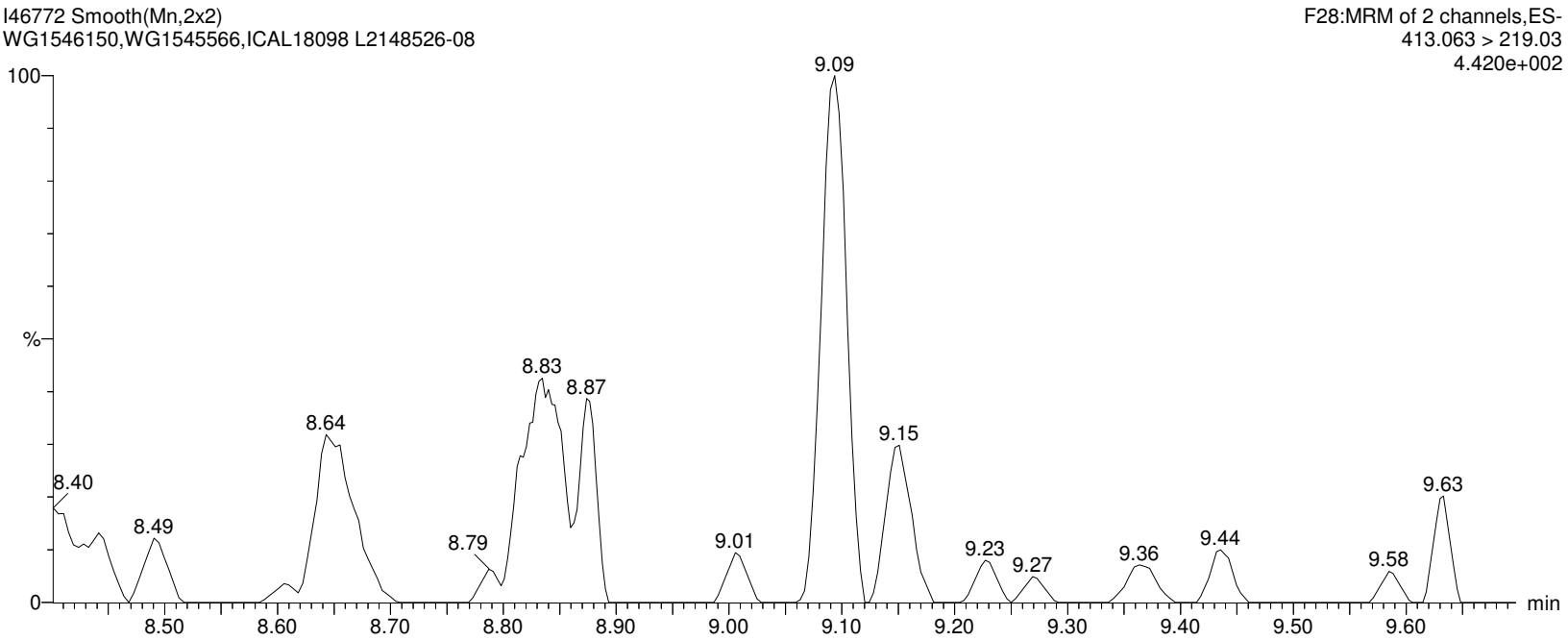
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:12 Eastern Daylight Time

Name: I46772
ID: L2148526-08
Date: 15-Sep-2021
Time: 07:21:44
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOA



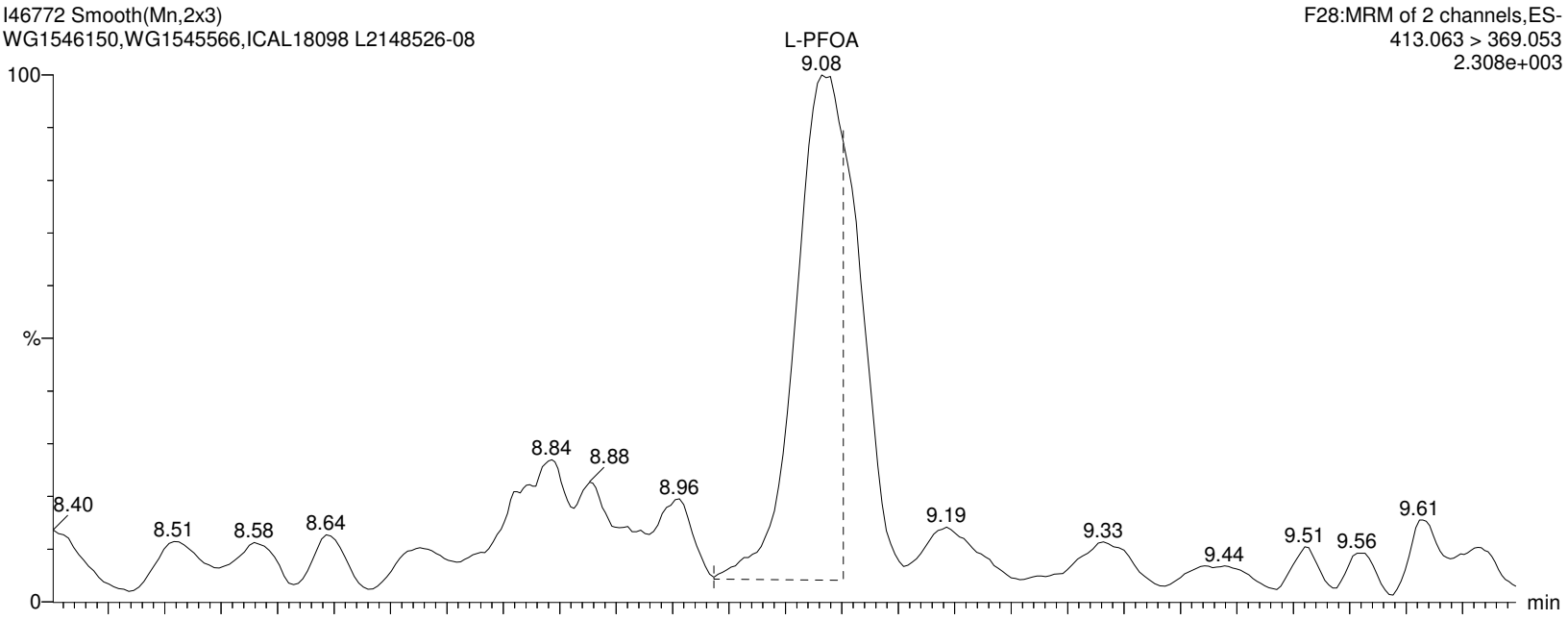


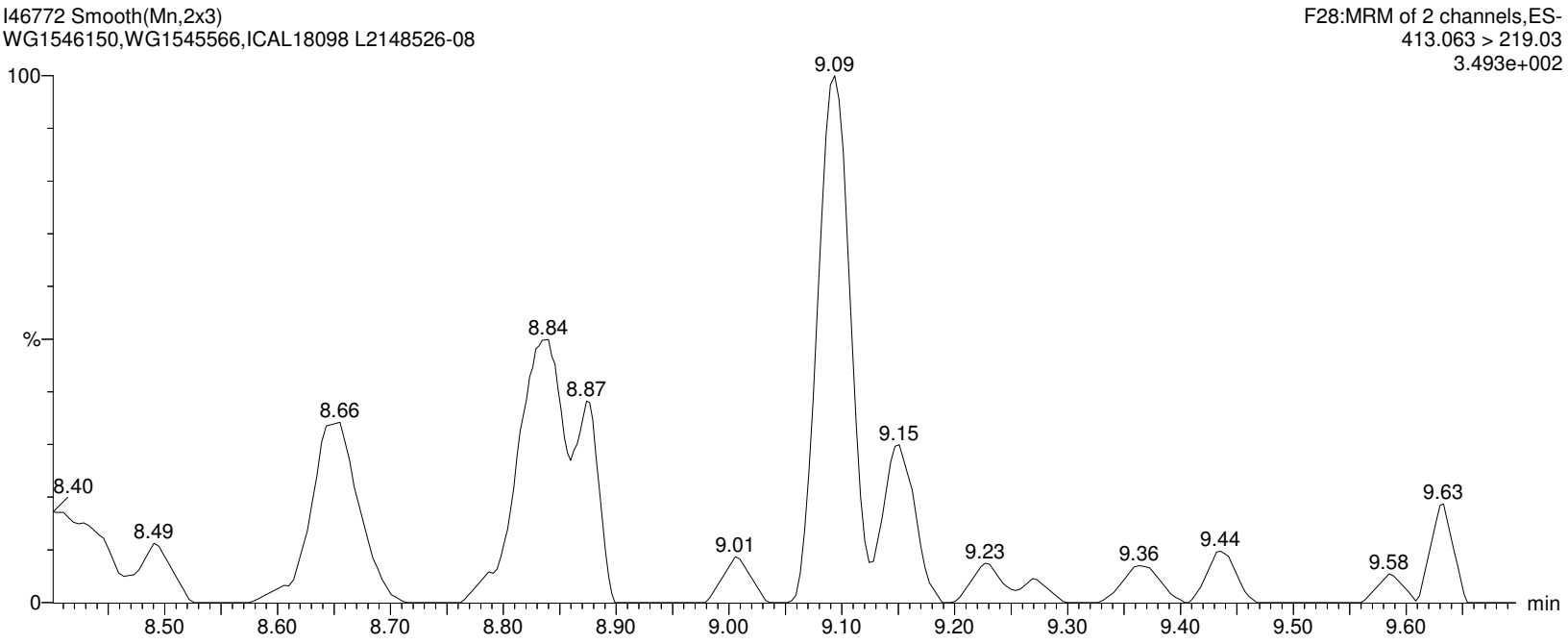
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:12 Eastern Daylight Time

Name: I46772
ID: L2148526-08
Date: 15-Sep-2021
Time: 07:21:44
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOA



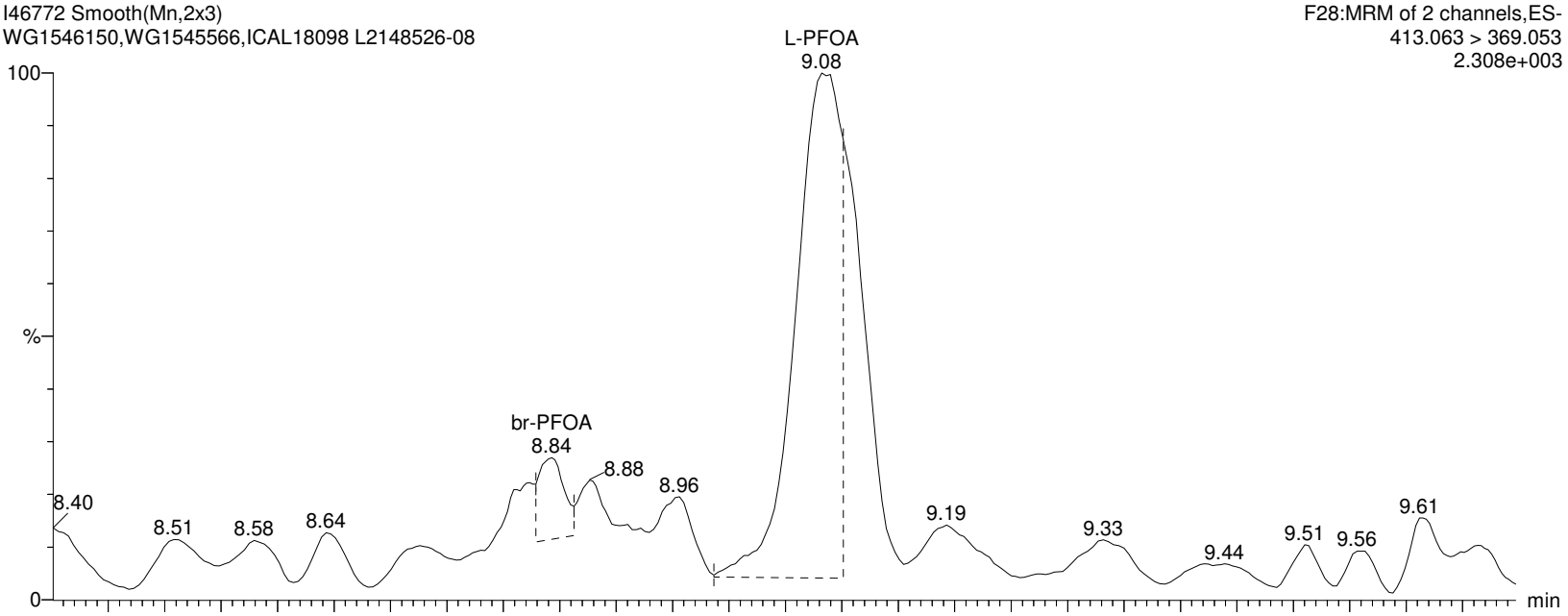


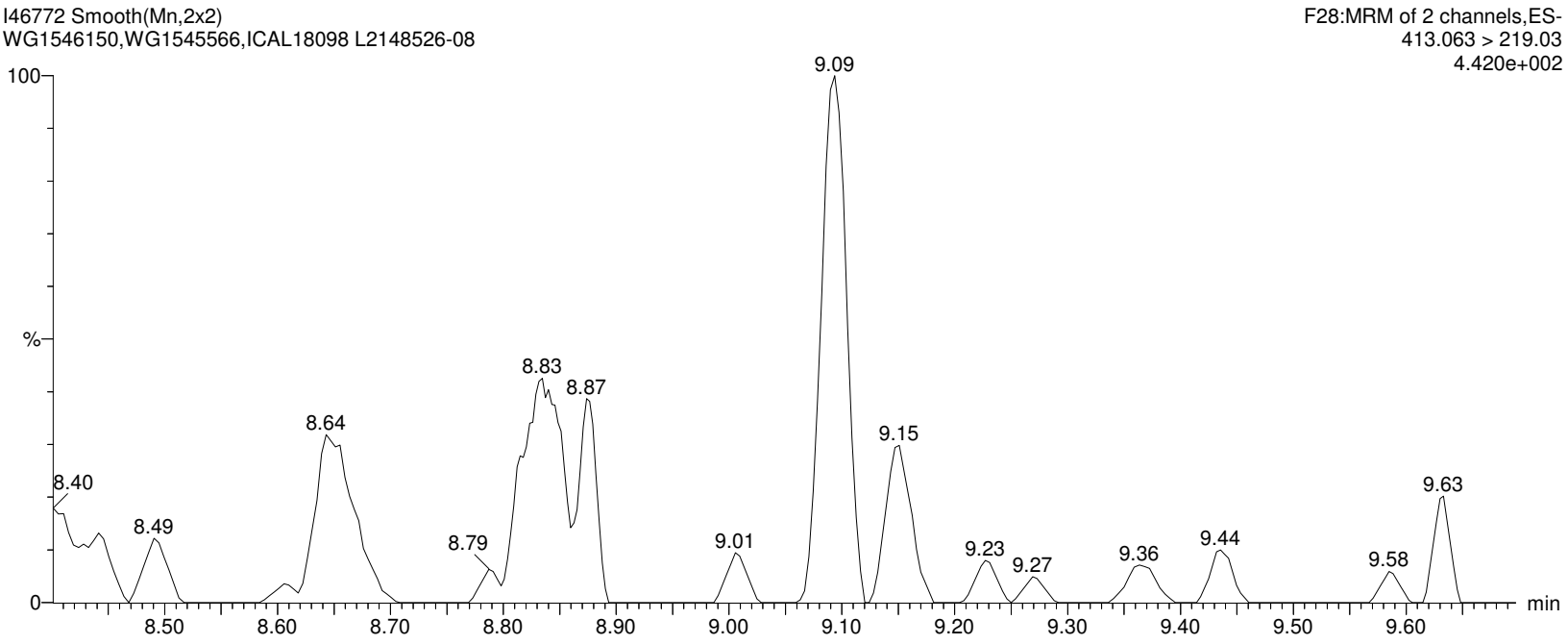
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:12 Eastern Daylight Time

Name: I46772
ID: L2148526-08
Date: 15-Sep-2021
Time: 07:21:44
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOA



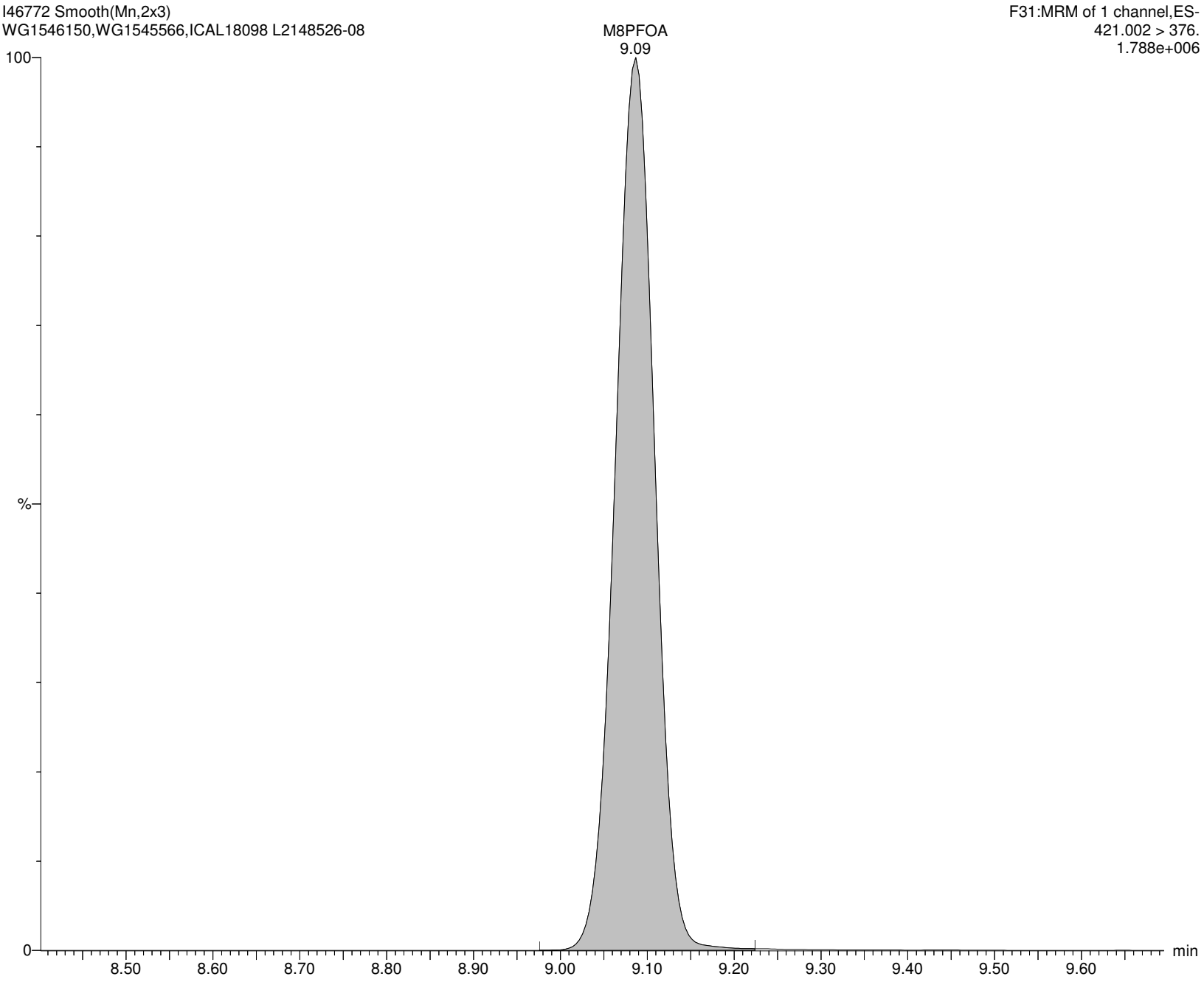


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:12 Eastern Daylight Time

Name: I46772
ID: L2148526-08
Date: 15-Sep-2021
Time: 07:21:44
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOA

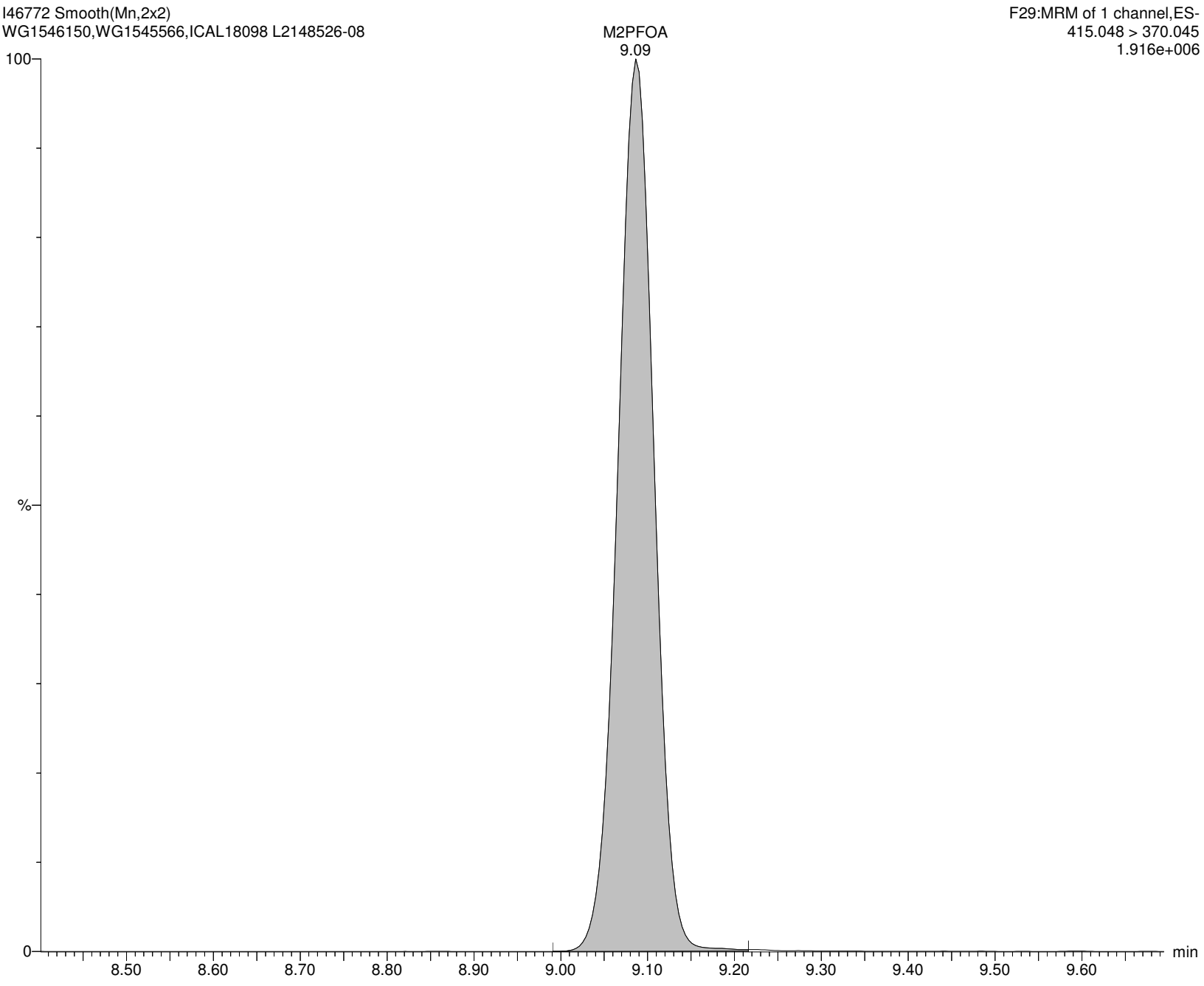


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:12 Eastern Daylight Time

Name: I46772
ID: L2148526-08
Date: 15-Sep-2021
Time: 07:21:44
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFOA

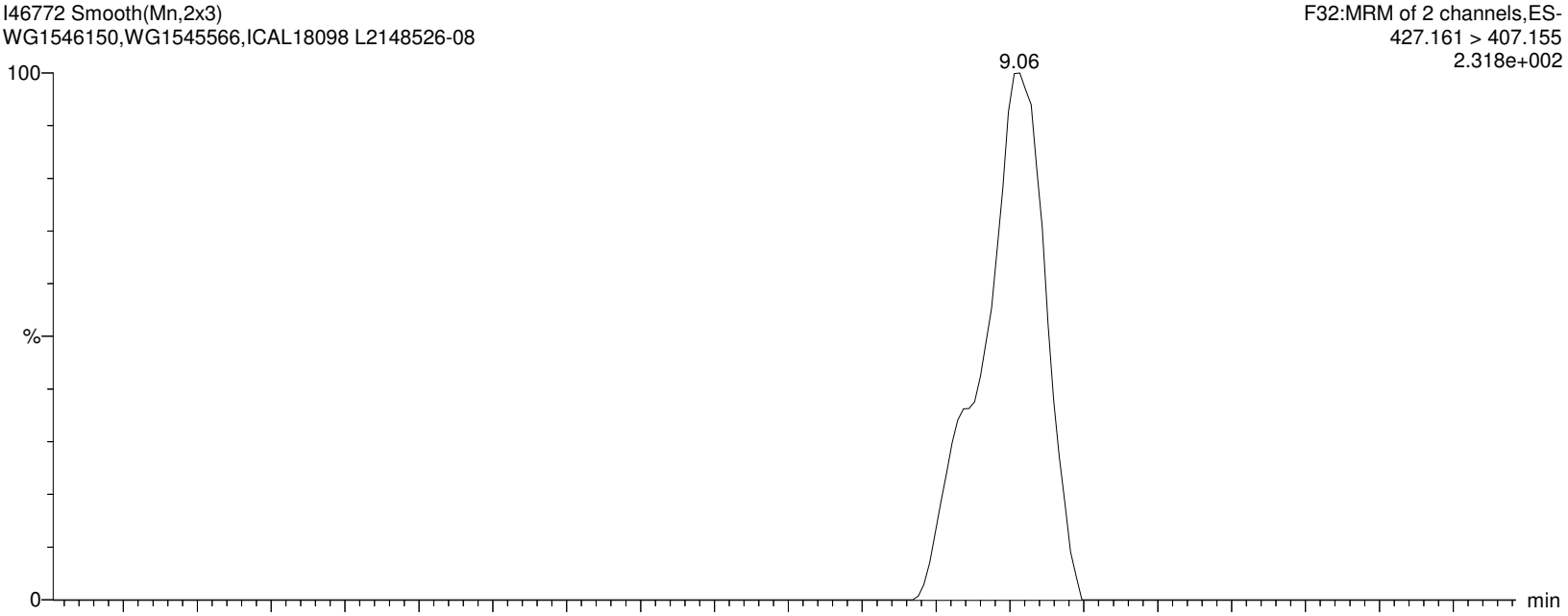


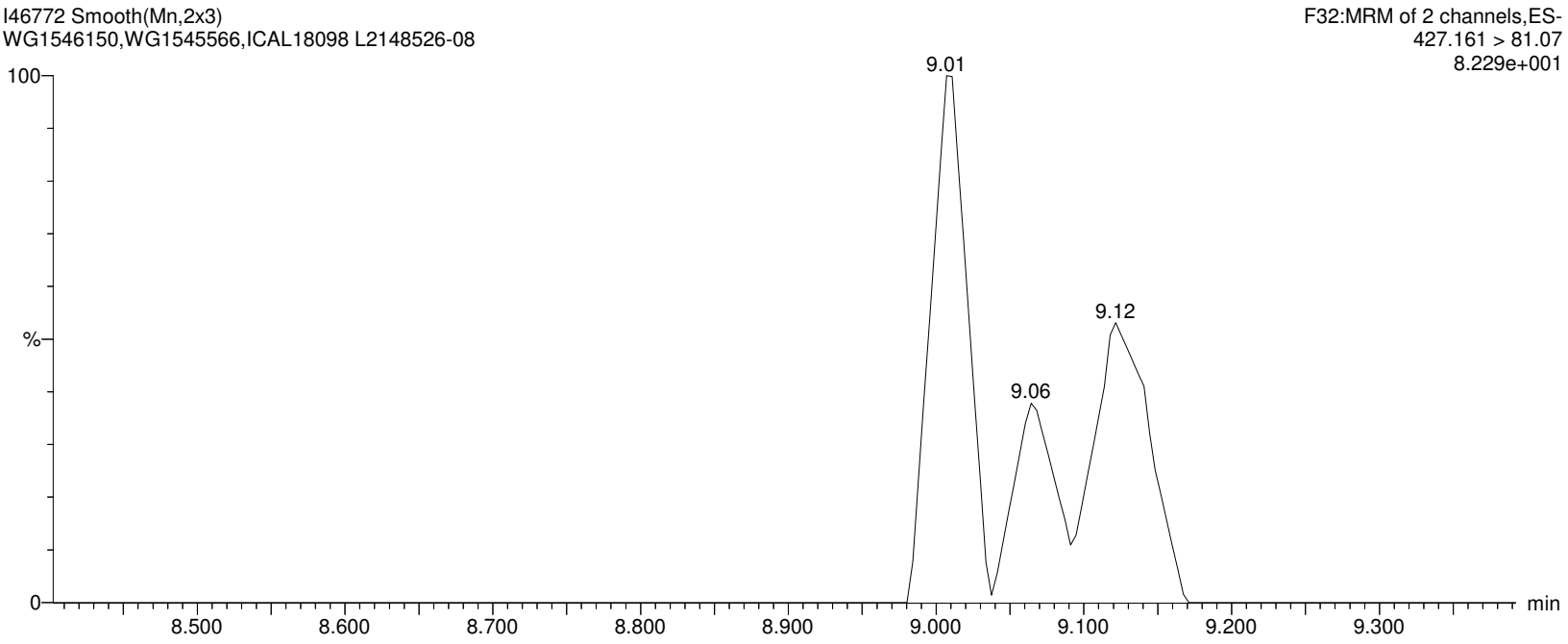
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:12 Eastern Daylight Time

Name: I46772
ID: L2148526-08
Date: 15-Sep-2021
Time: 07:21:44
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

6:2FTS



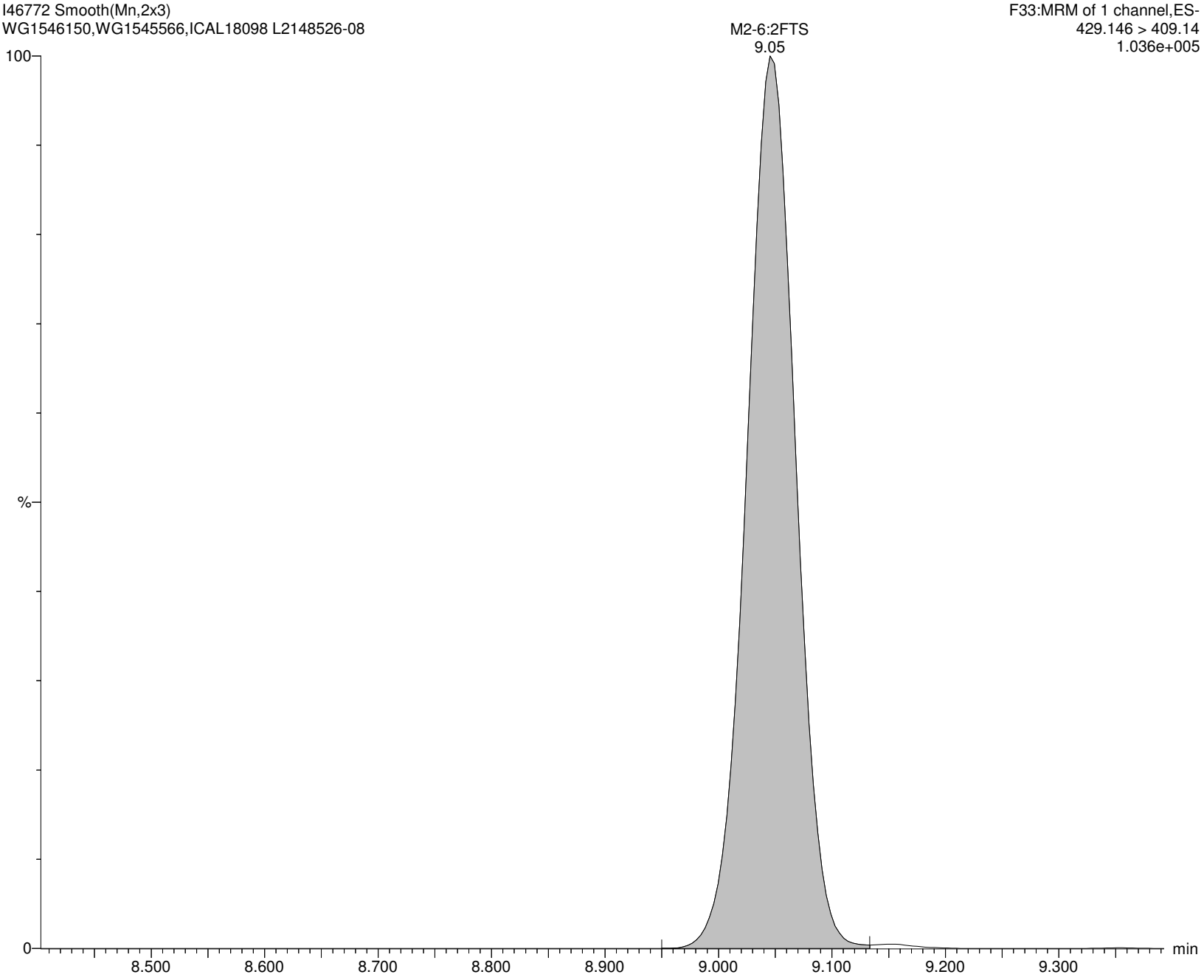


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:12 Eastern Daylight Time

Name: I46772
ID: L2148526-08
Date: 15-Sep-2021
Time: 07:21:44
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-6:2FTS

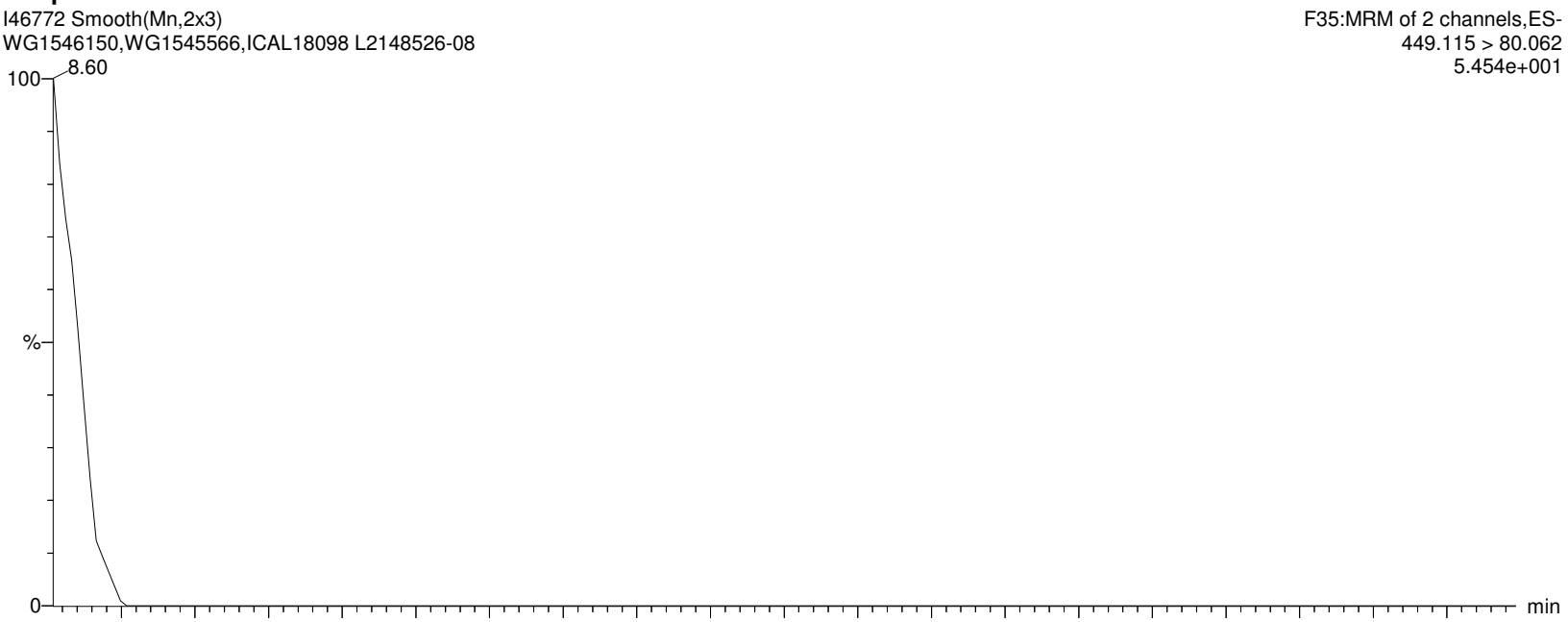


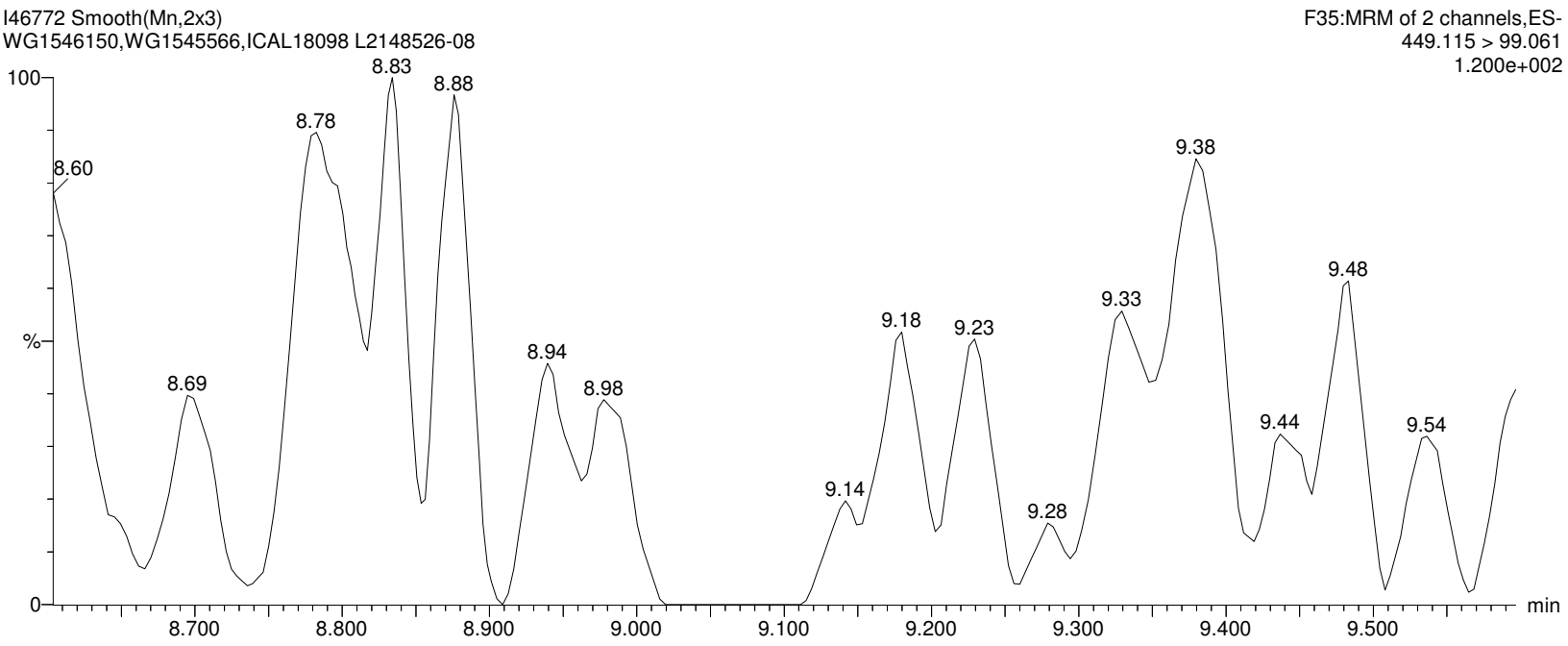
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:12 Eastern Daylight Time

Name: I46772
ID: L2148526-08
Date: 15-Sep-2021
Time: 07:21:44
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpS



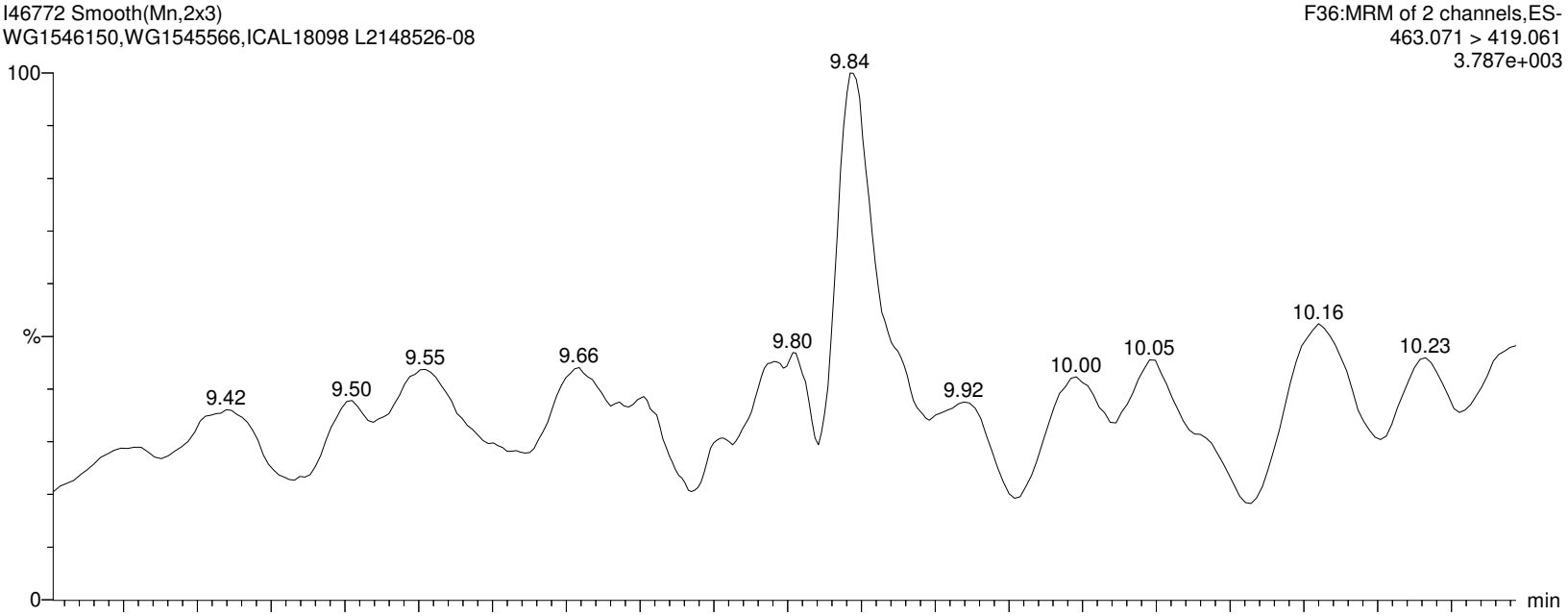


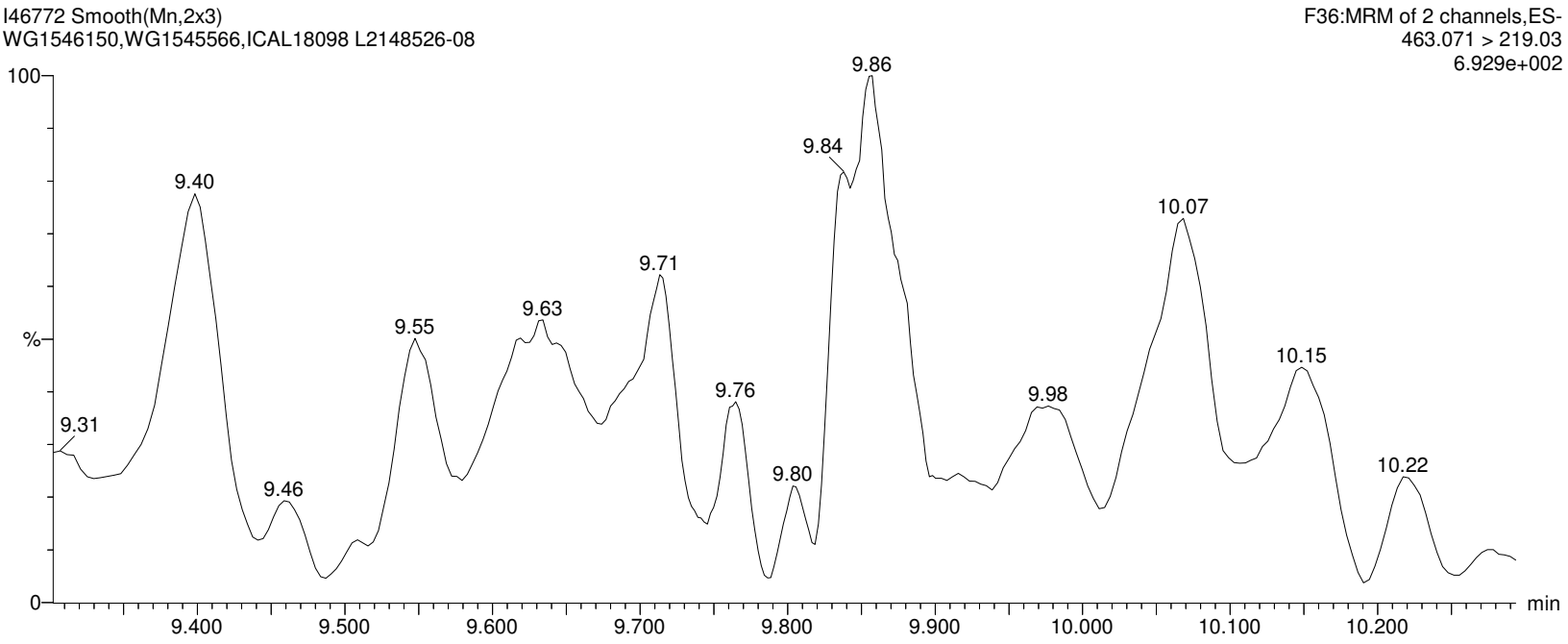
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:12 Eastern Daylight Time

Name: I46772
ID: L2148526-08
Date: 15-Sep-2021
Time: 07:21:44
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNA



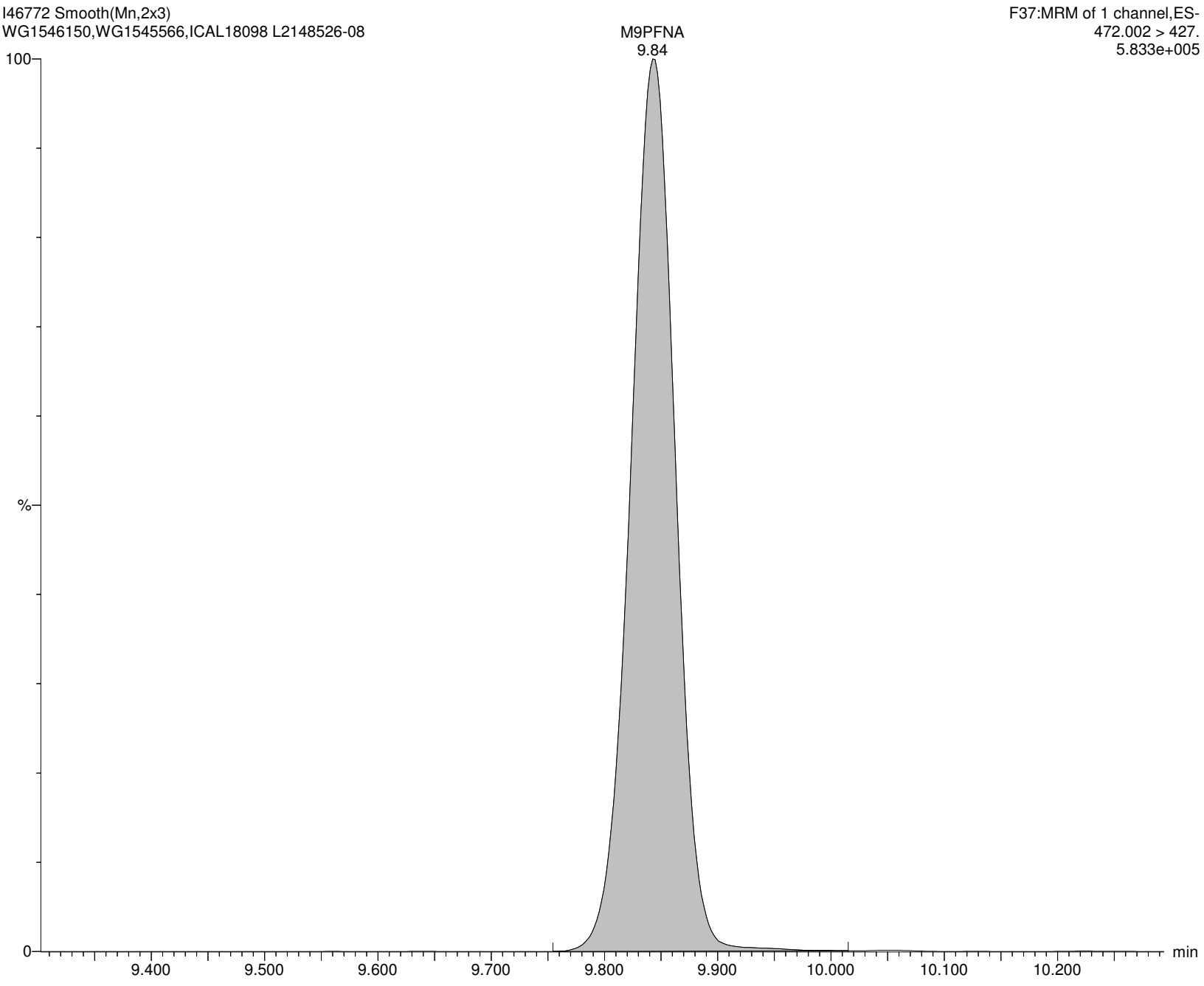


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:12 Eastern Daylight Time

Name: I46772
ID: L2148526-08
Date: 15-Sep-2021
Time: 07:21:44
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M9PFNA

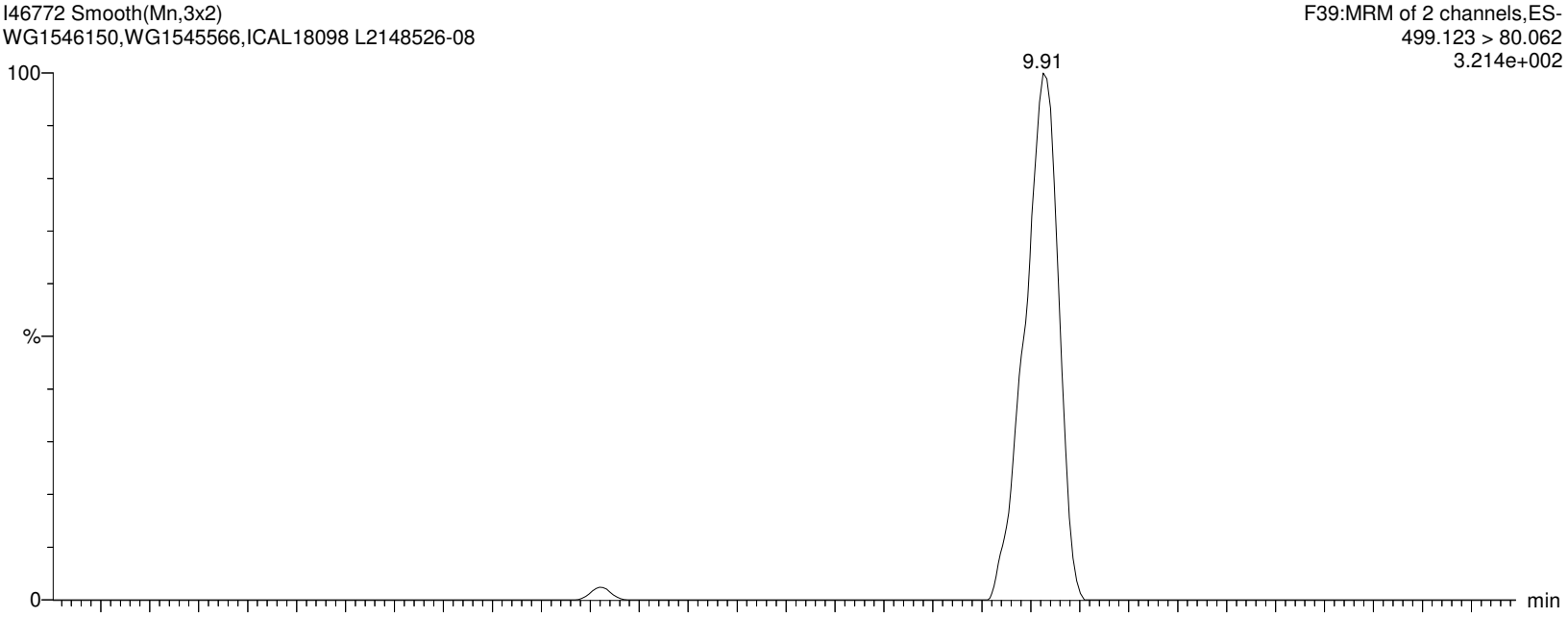


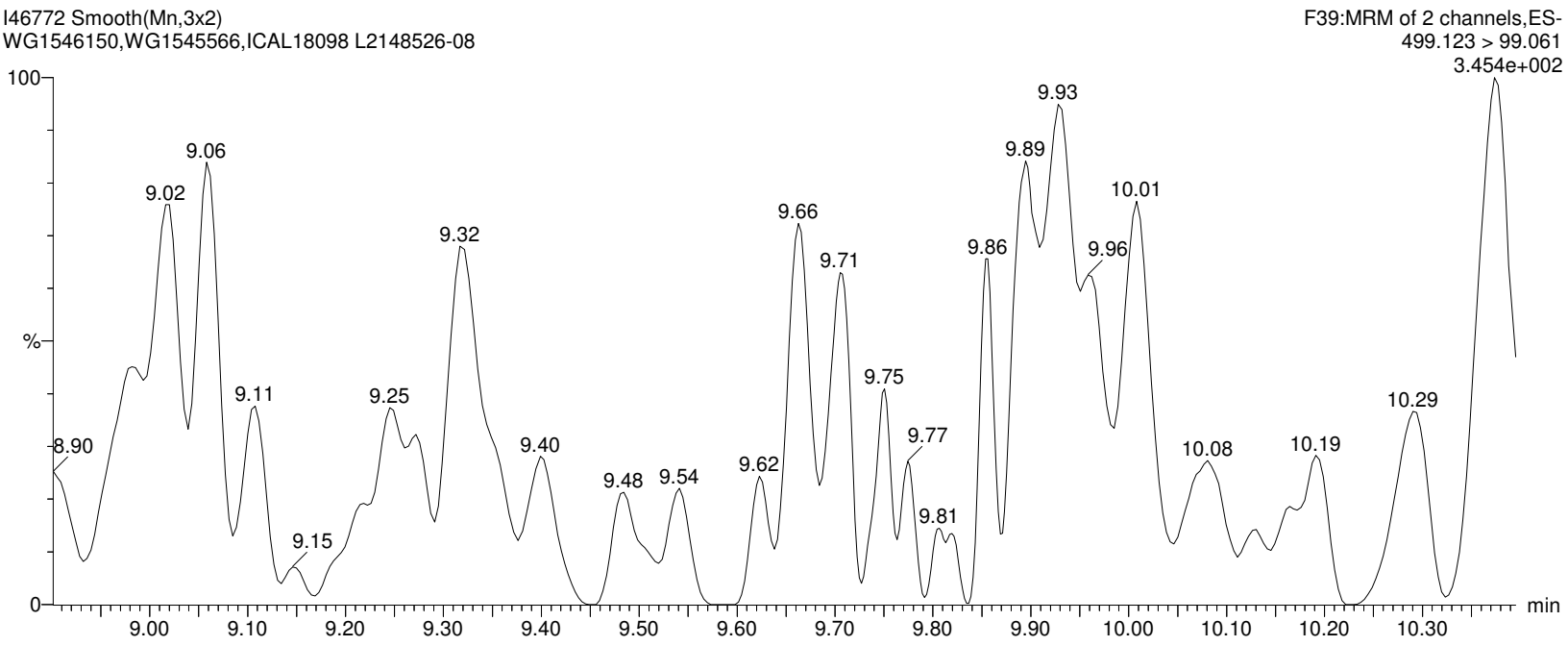
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:12 Eastern Daylight Time

Name: I46772
ID: L2148526-08
Date: 15-Sep-2021
Time: 07:21:44
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOS



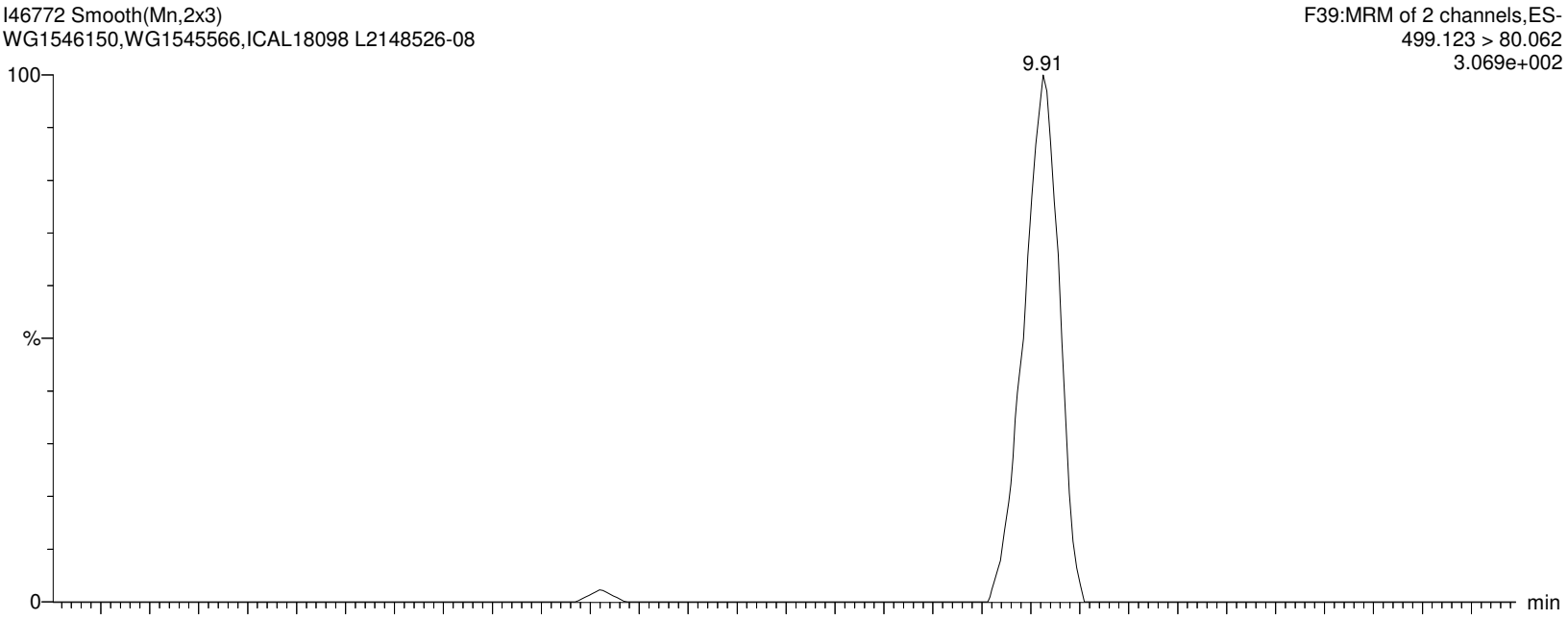


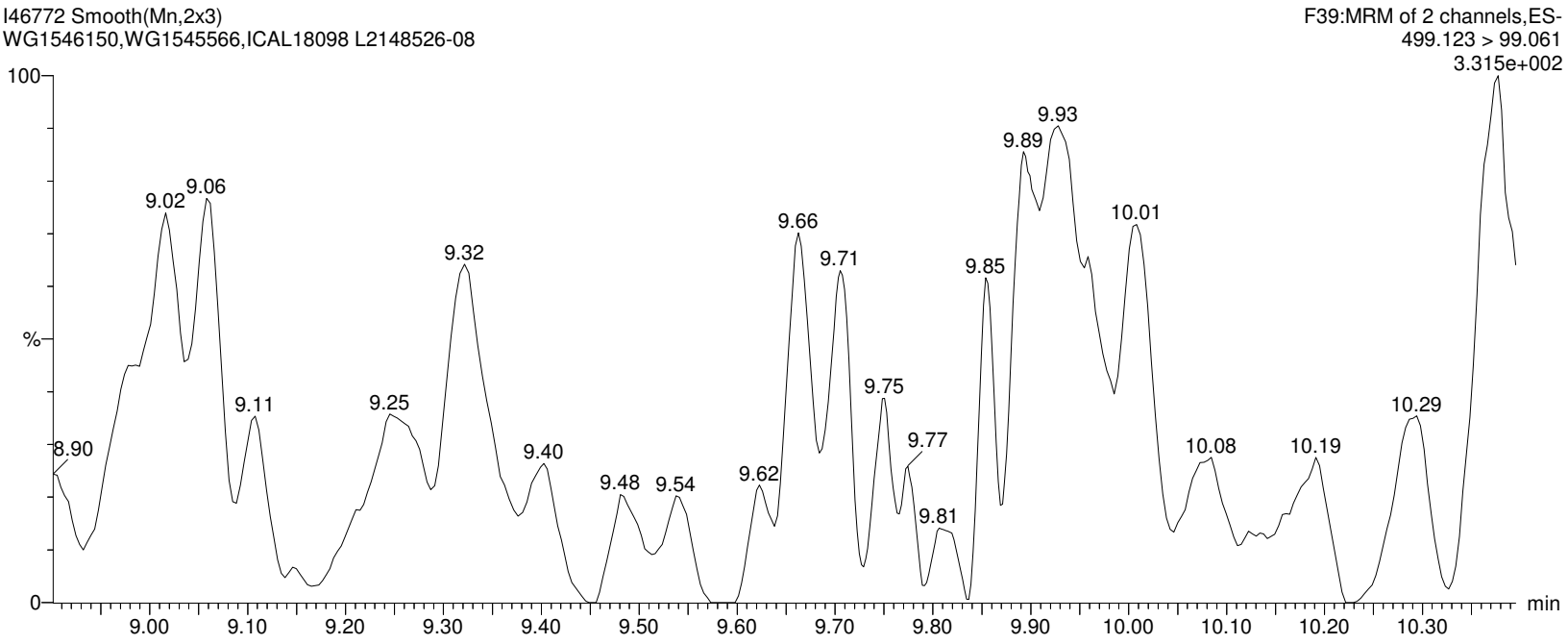
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:12 Eastern Daylight Time

Name: I46772
ID: L2148526-08
Date: 15-Sep-2021
Time: 07:21:44
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOS



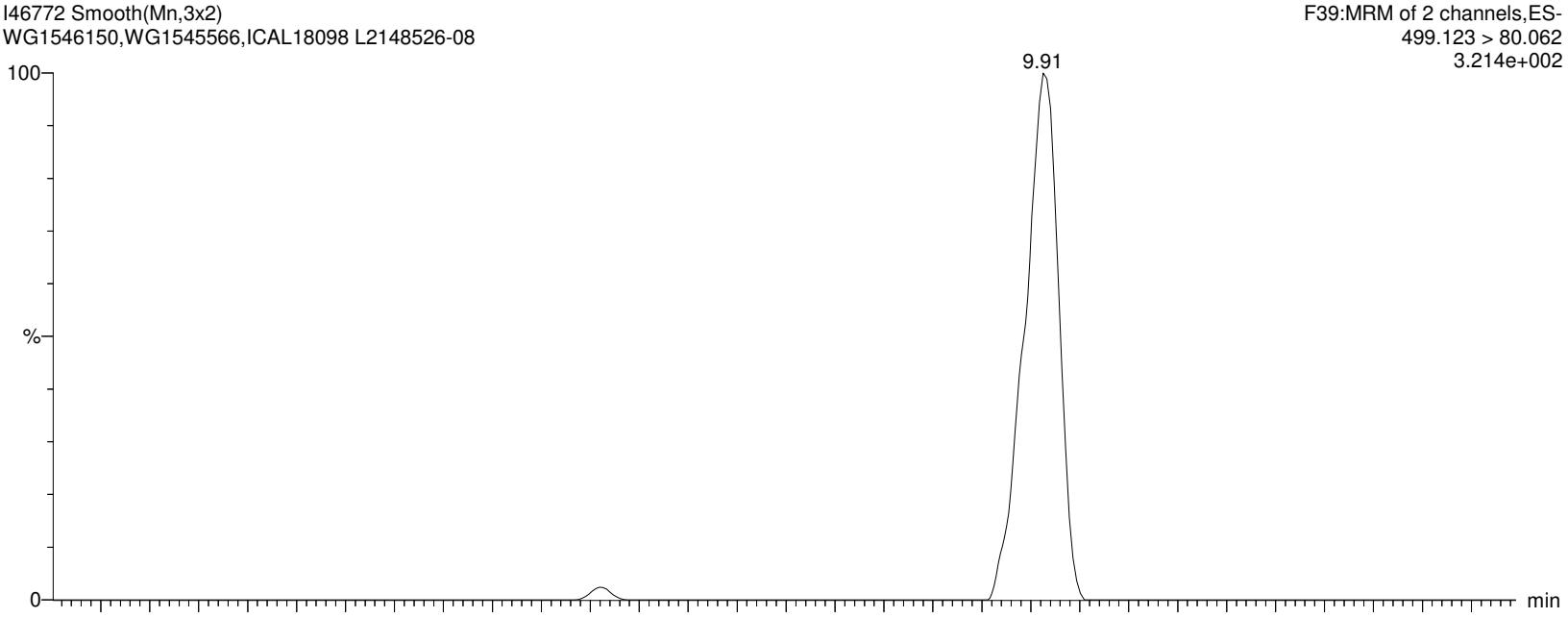


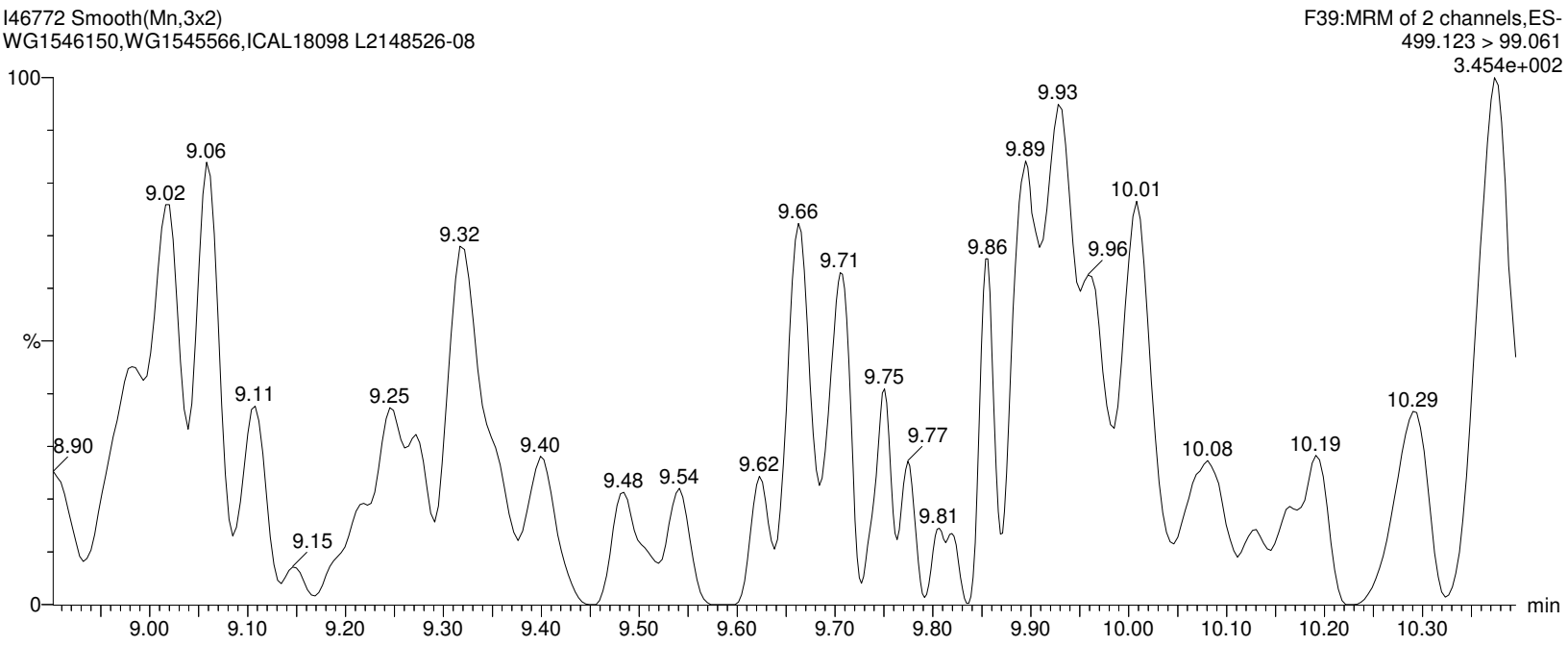
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:12 Eastern Daylight Time

Name: I46772
ID: L2148526-08
Date: 15-Sep-2021
Time: 07:21:44
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOS



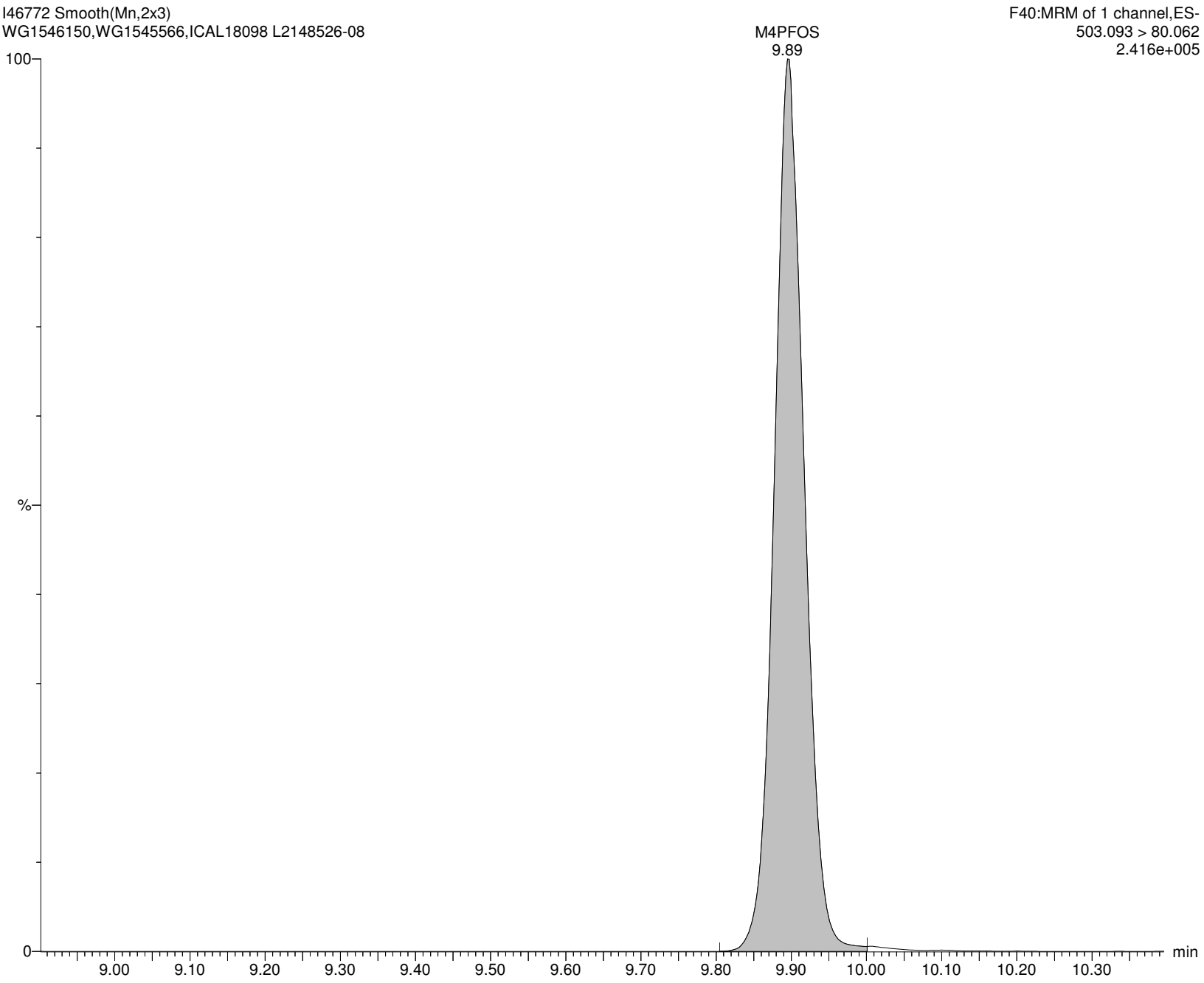


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:12 Eastern Daylight Time

Name: I46772
ID: L2148526-08
Date: 15-Sep-2021
Time: 07:21:44
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOS

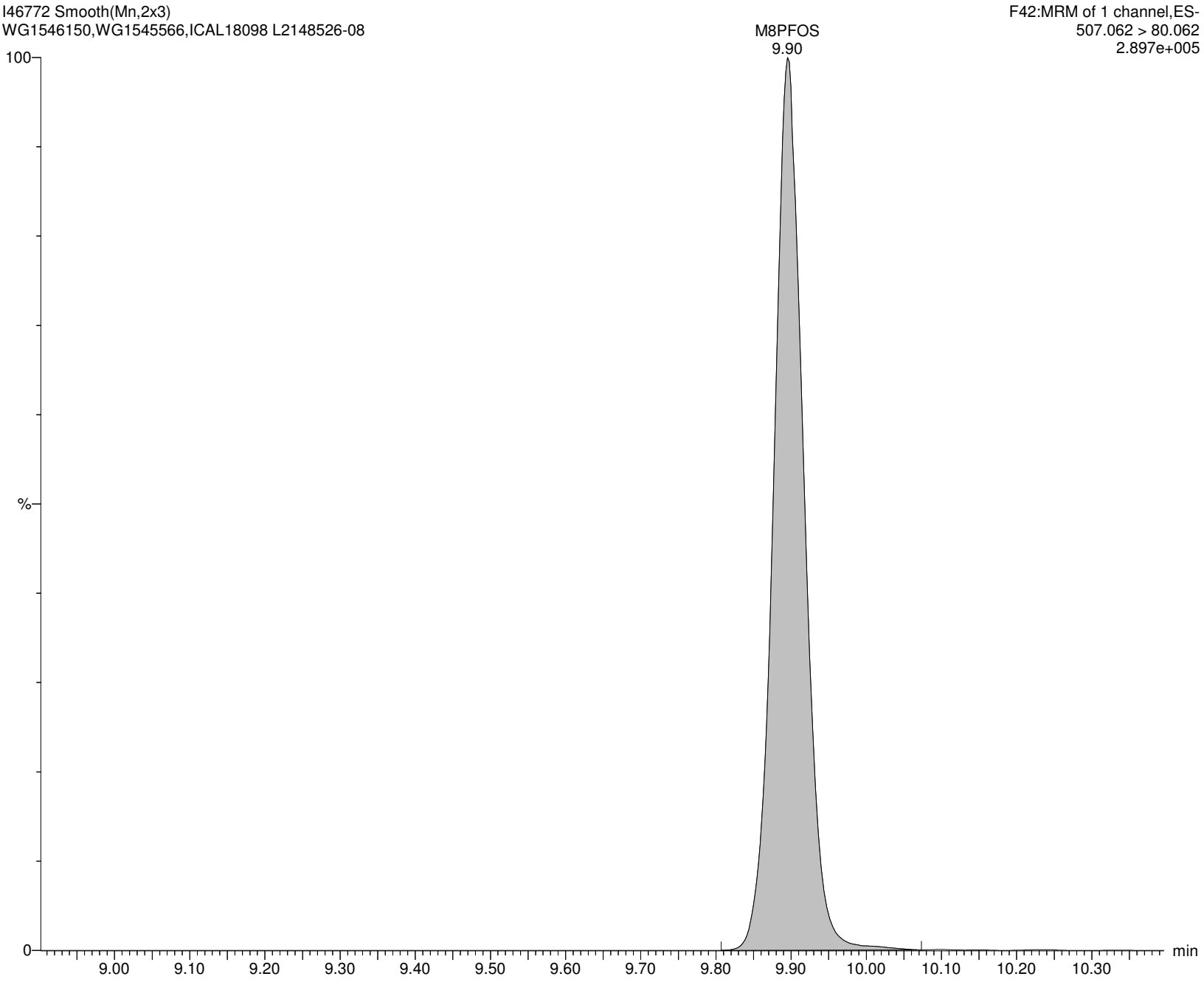


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:12 Eastern Daylight Time

Name: I46772
ID: L2148526-08
Date: 15-Sep-2021
Time: 07:21:44
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOS

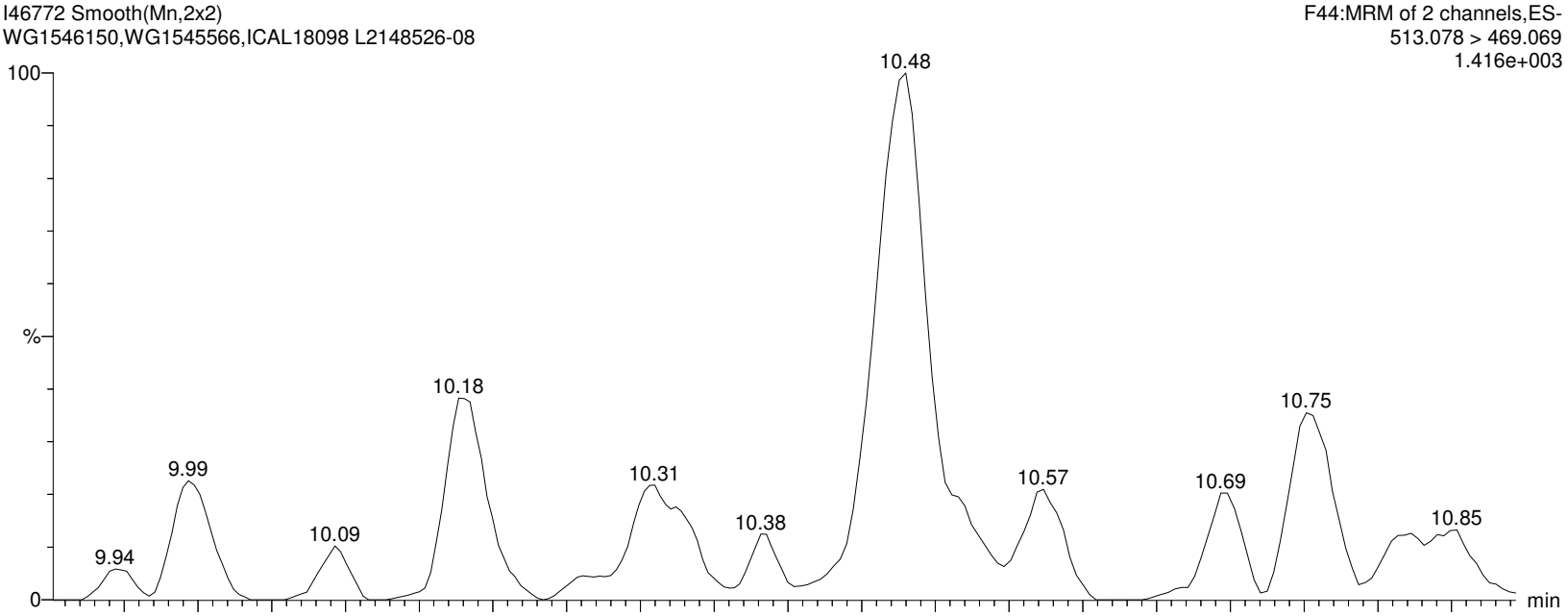


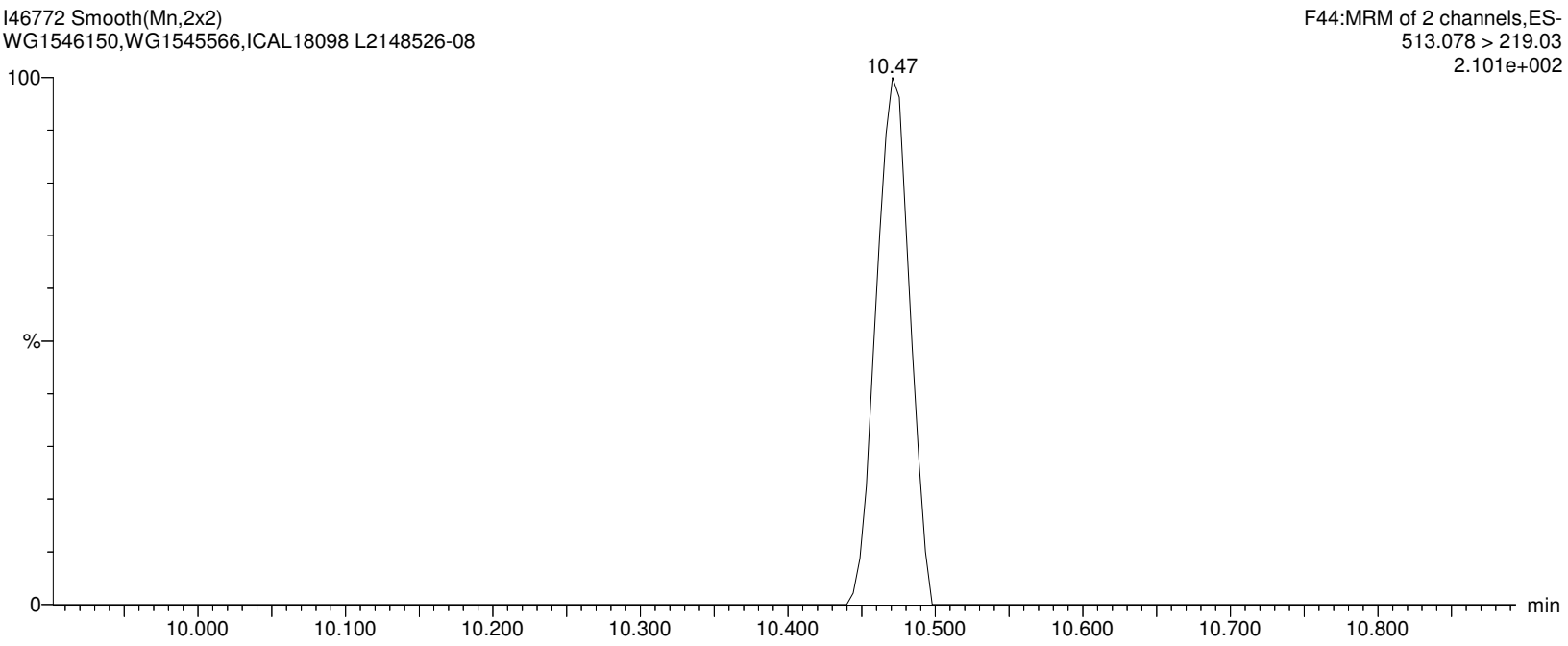
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:12 Eastern Daylight Time

Name: I46772
ID: L2148526-08
Date: 15-Sep-2021
Time: 07:21:44
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDA



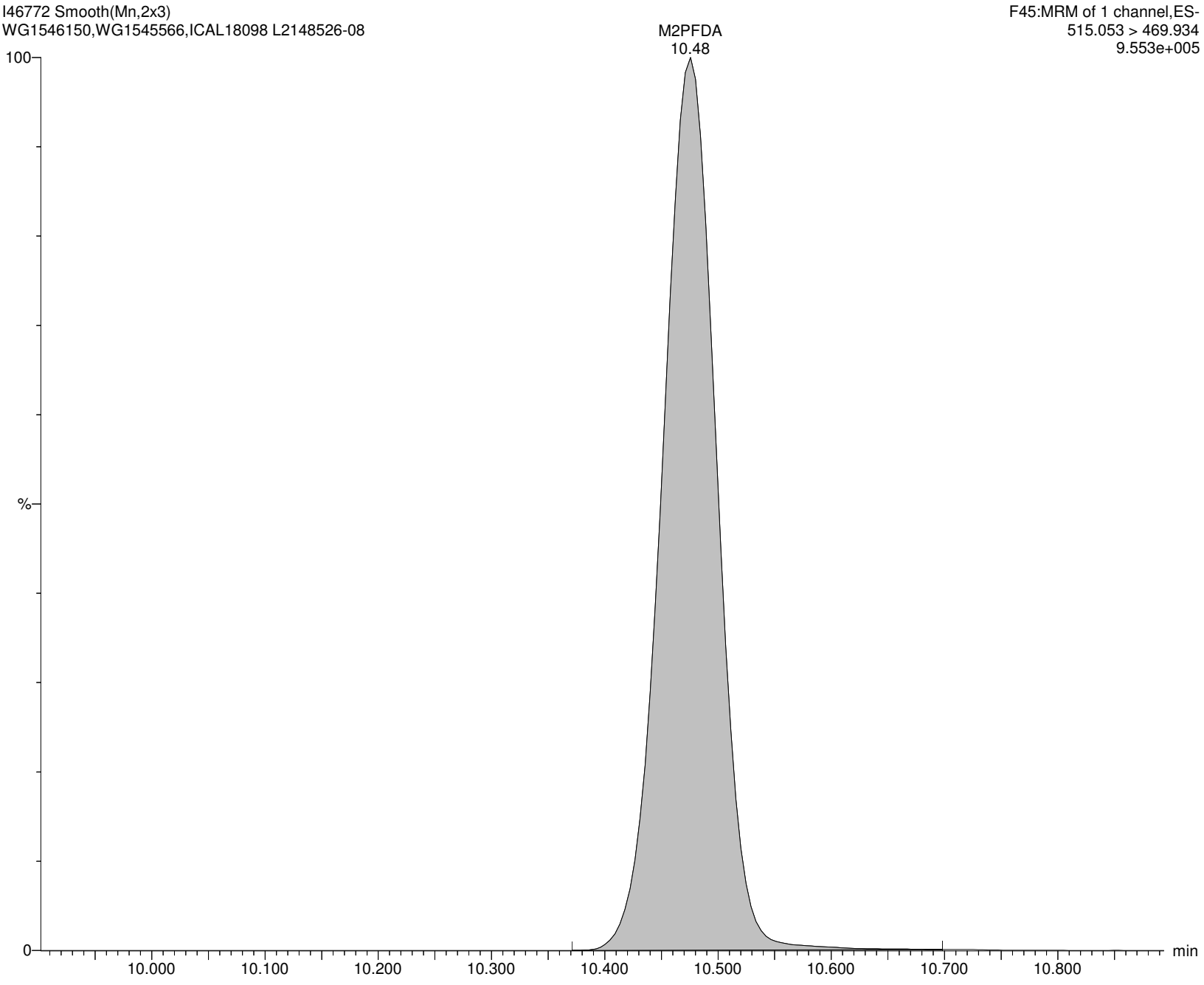


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:12 Eastern Daylight Time

Name: I46772
ID: L2148526-08
Date: 15-Sep-2021
Time: 07:21:44
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFDA

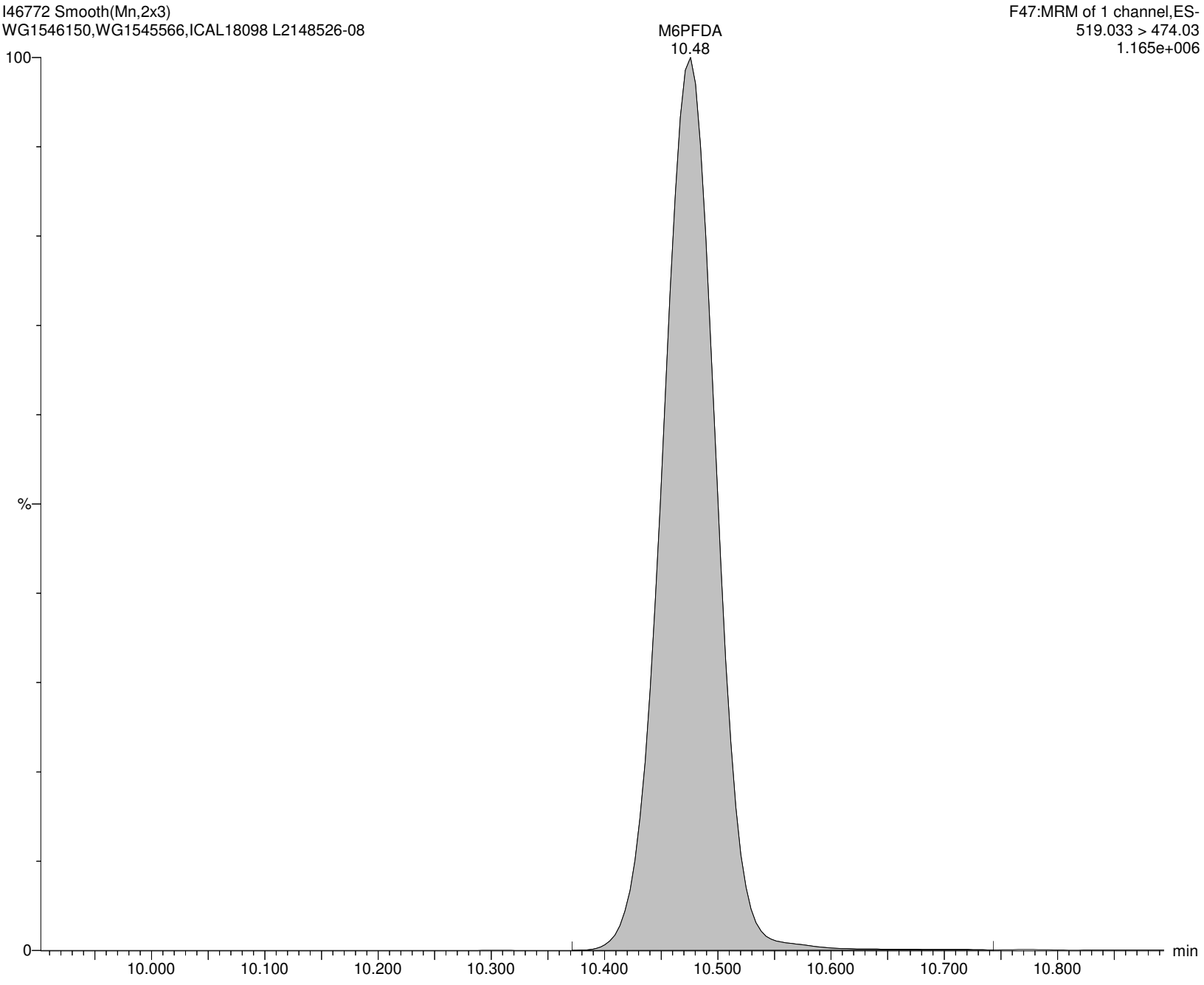


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:12 Eastern Daylight Time

Name: I46772
ID: L2148526-08
Date: 15-Sep-2021
Time: 07:21:44
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M6PFDA

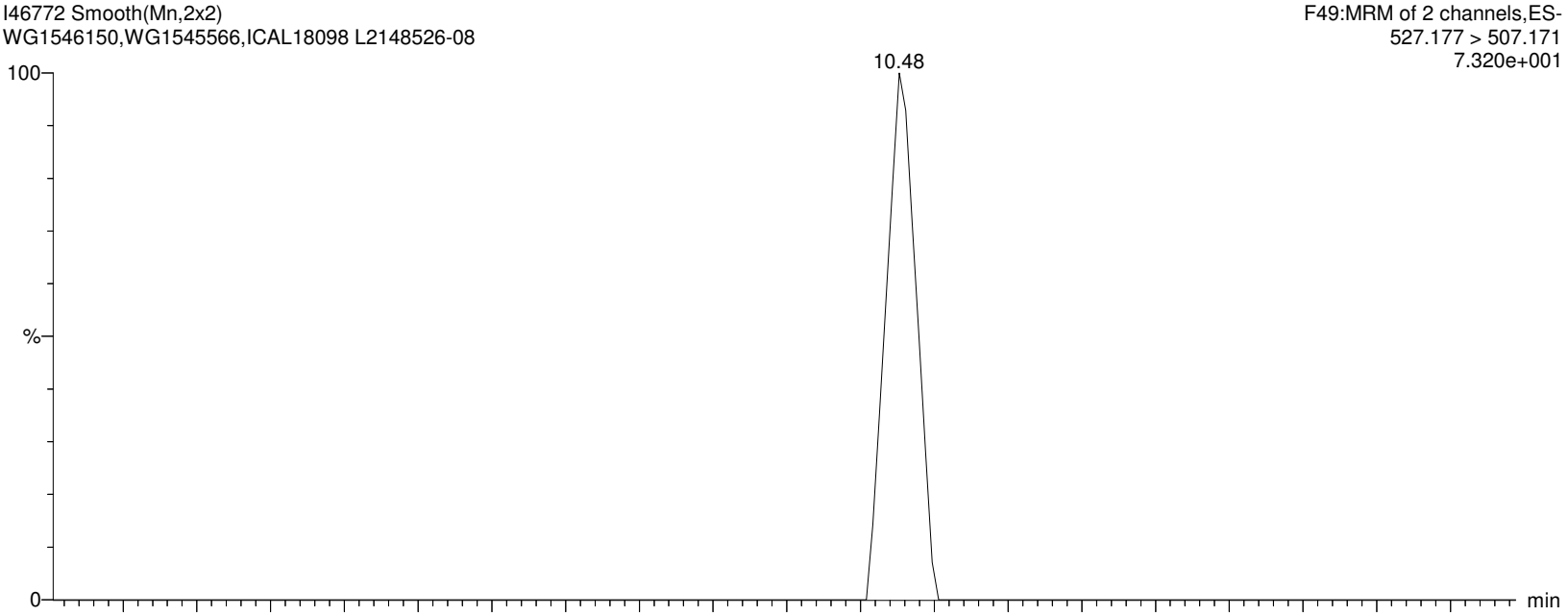


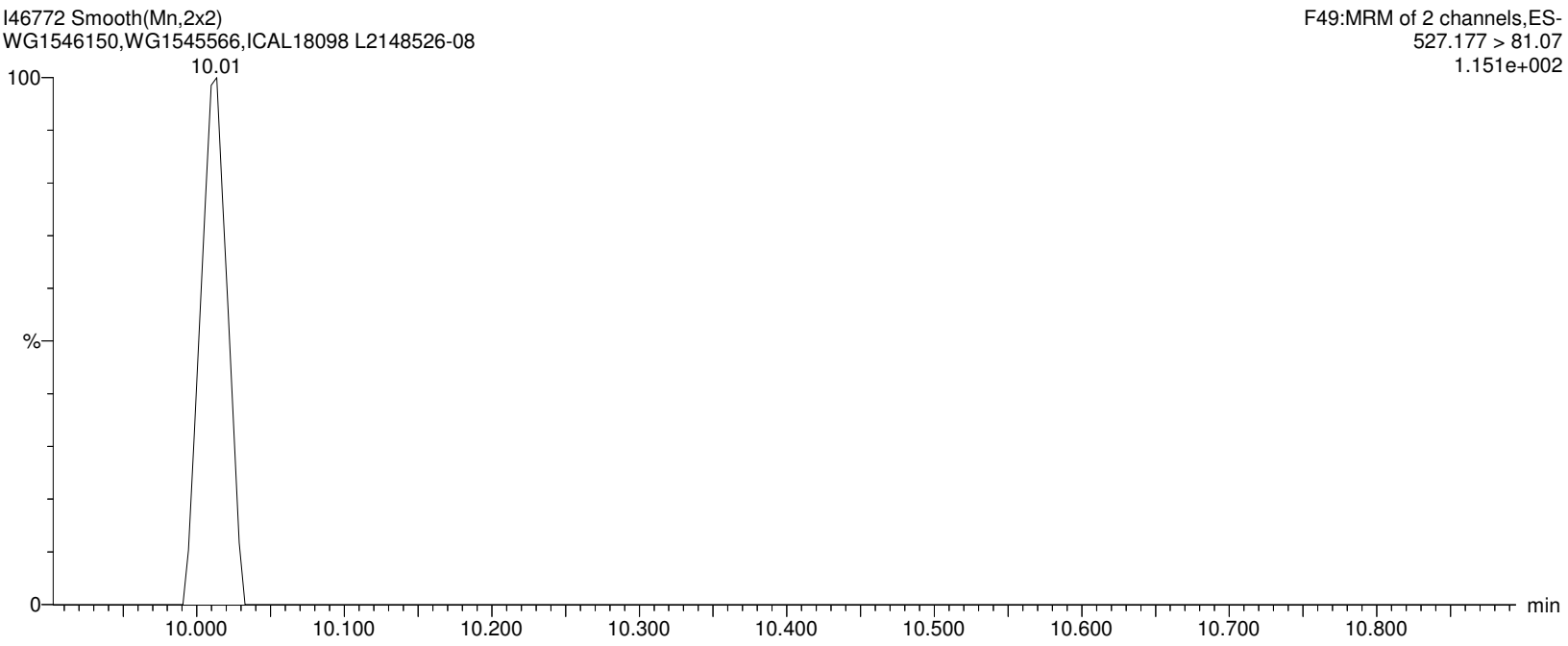
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:12 Eastern Daylight Time

Name: I46772
ID: L2148526-08
Date: 15-Sep-2021
Time: 07:21:44
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

8:2FTS



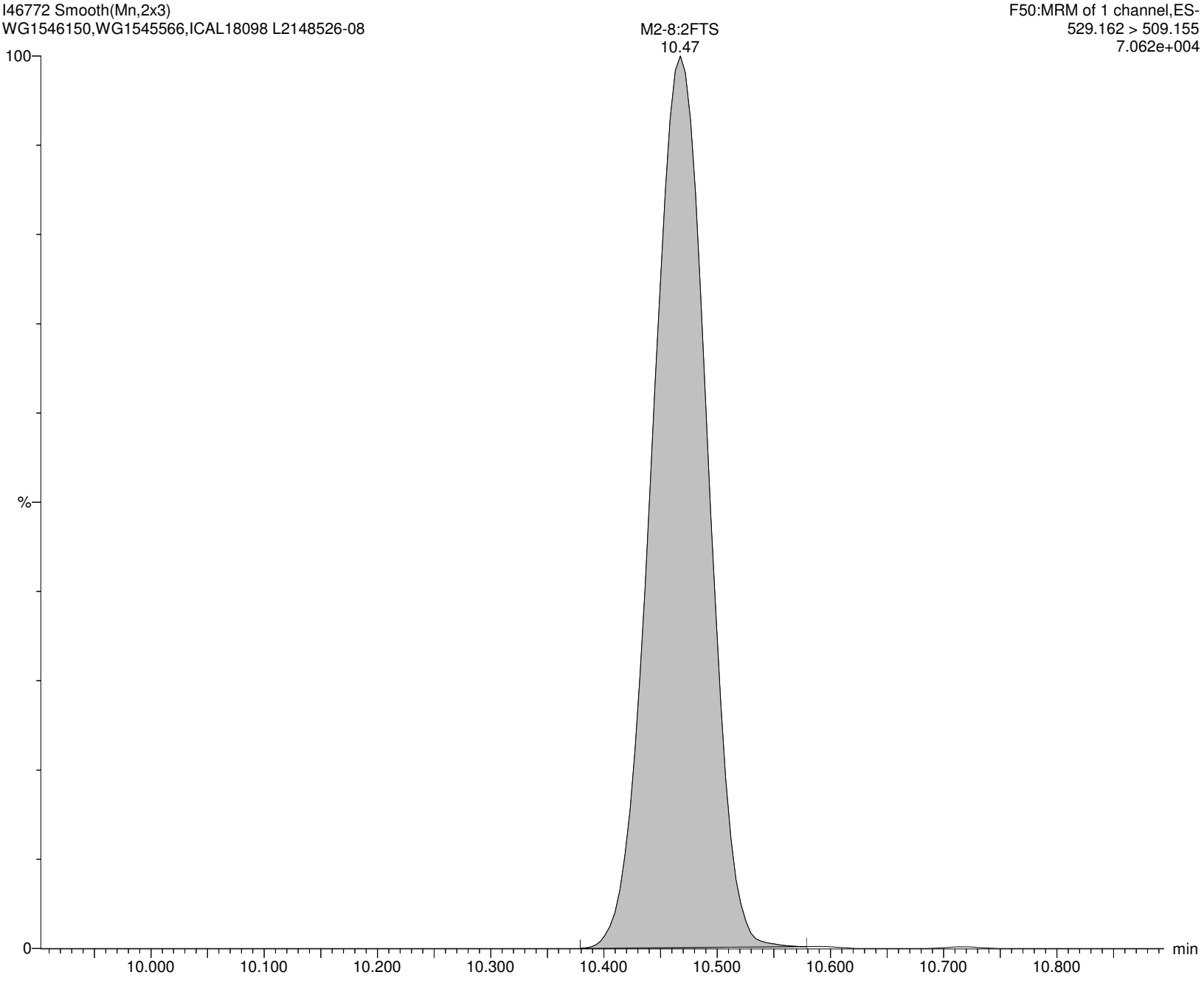


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:12 Eastern Daylight Time

Name: I46772
ID: L2148526-08
Date: 15-Sep-2021
Time: 07:21:44
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-8:2FTS

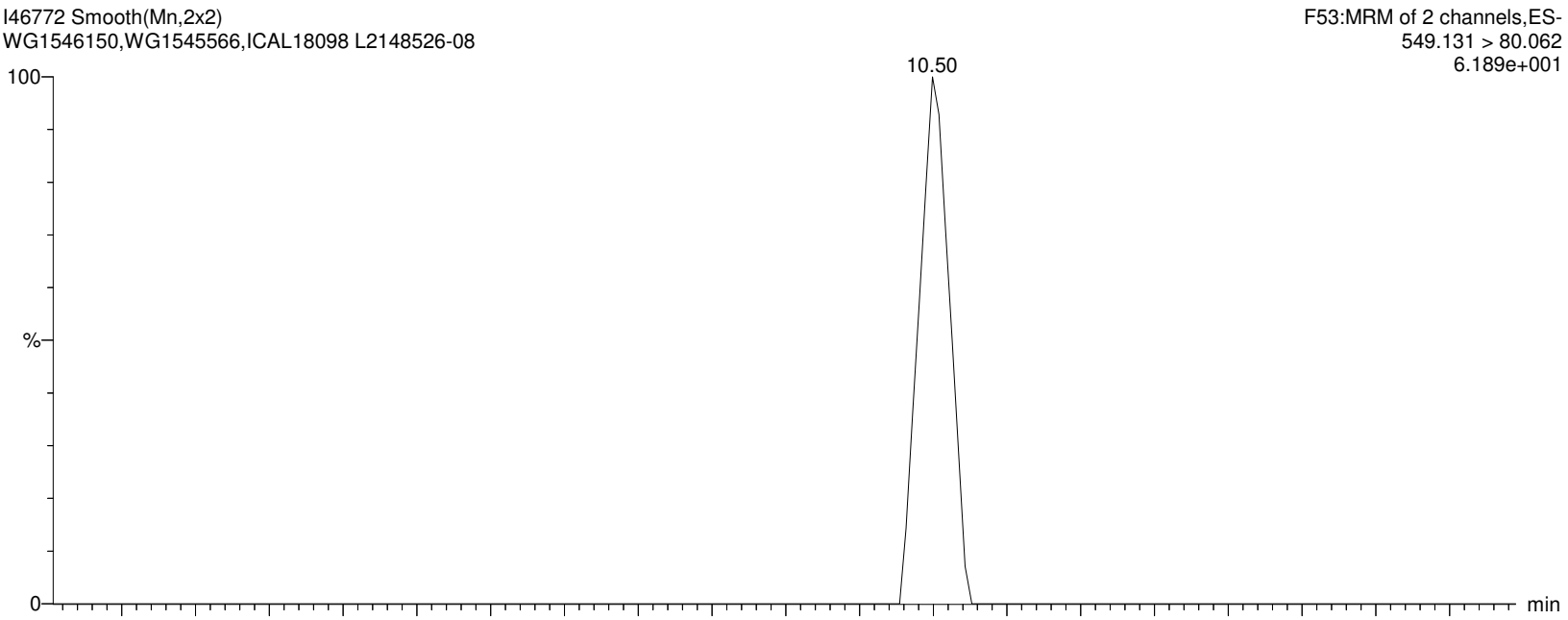


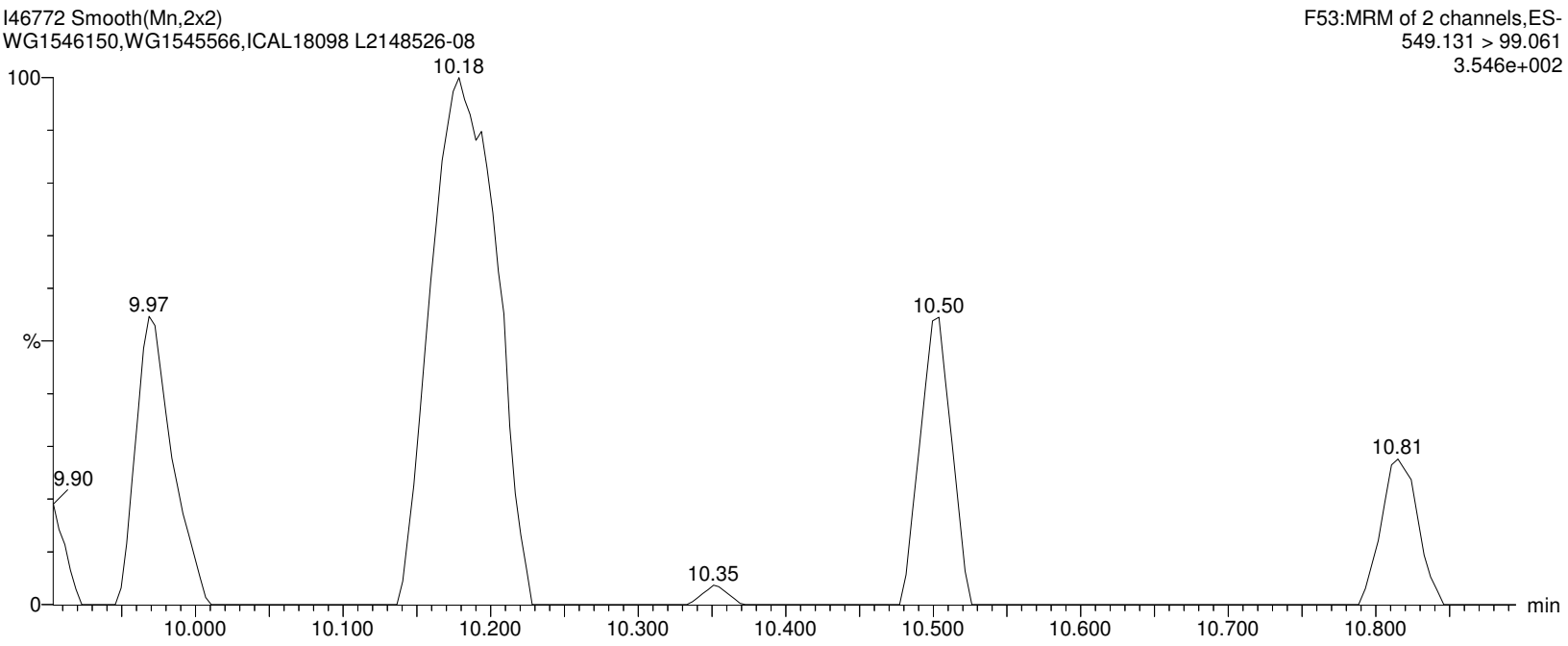
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:12 Eastern Daylight Time

Name: I46772
ID: L2148526-08
Date: 15-Sep-2021
Time: 07:21:44
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNS



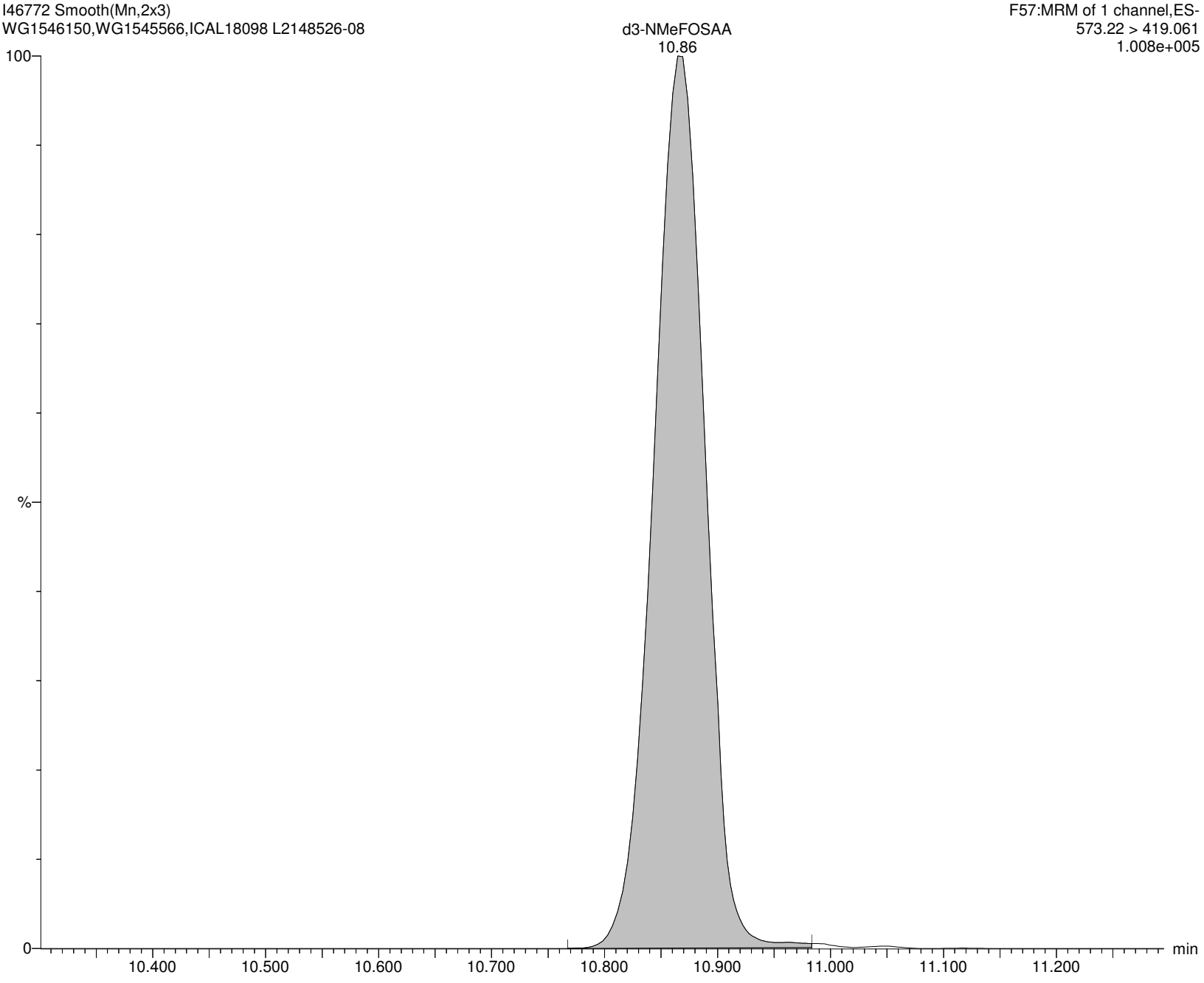


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:12 Eastern Daylight Time

Name: I46772
ID: L2148526-08
Date: 15-Sep-2021
Time: 07:21:44
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSAA

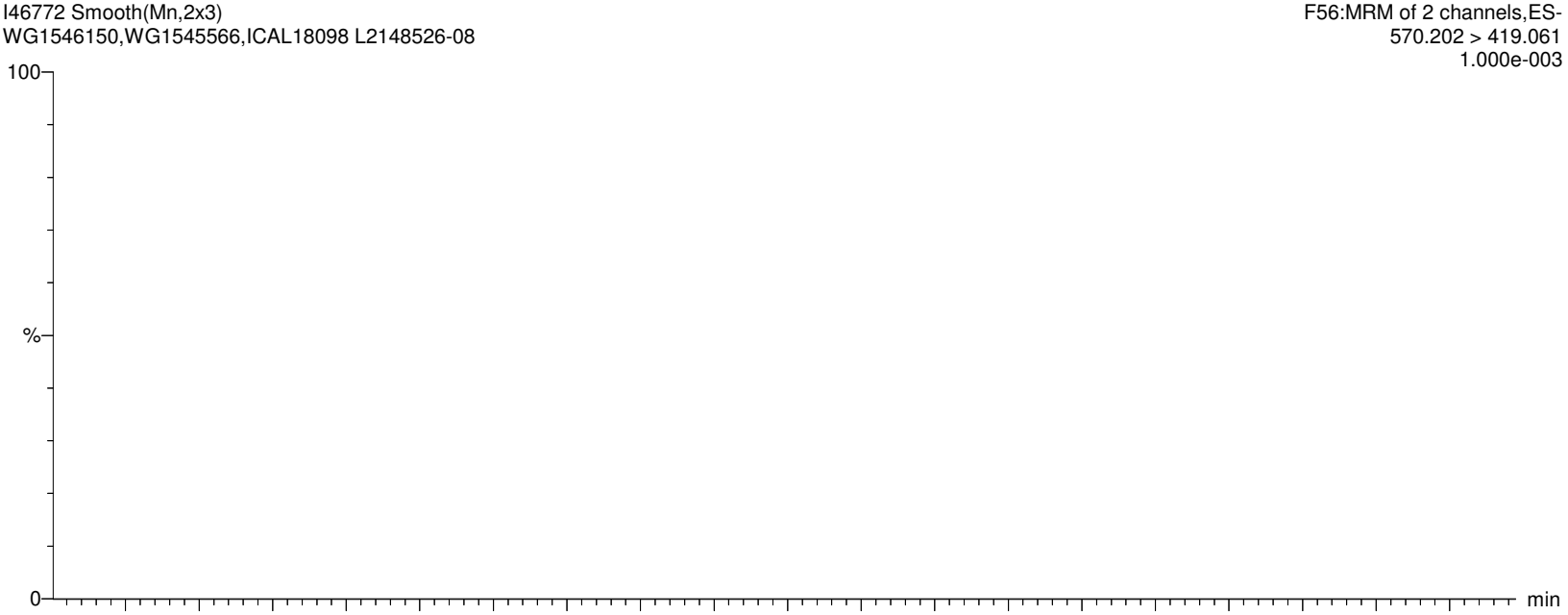


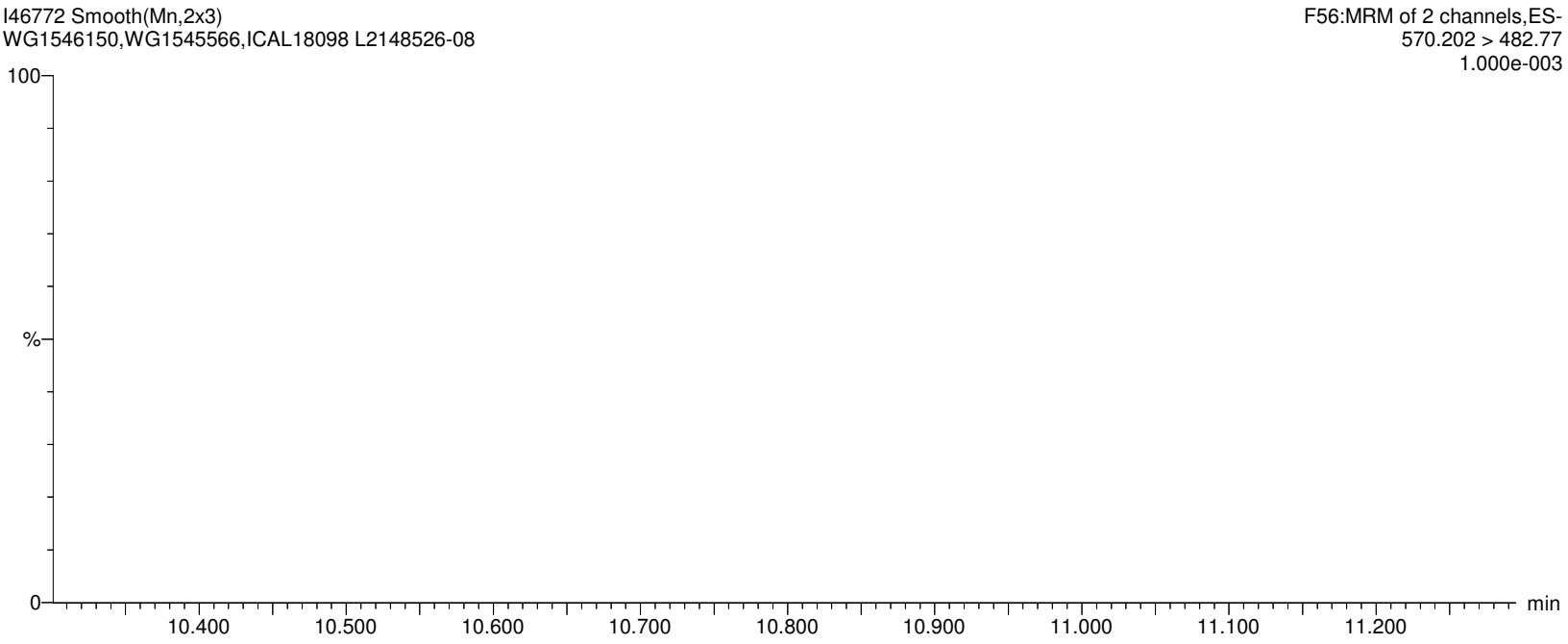
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:12 Eastern Daylight Time

Name: I46772
ID: L2148526-08
Date: 15-Sep-2021
Time: 07:21:44
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NMeFOSAA



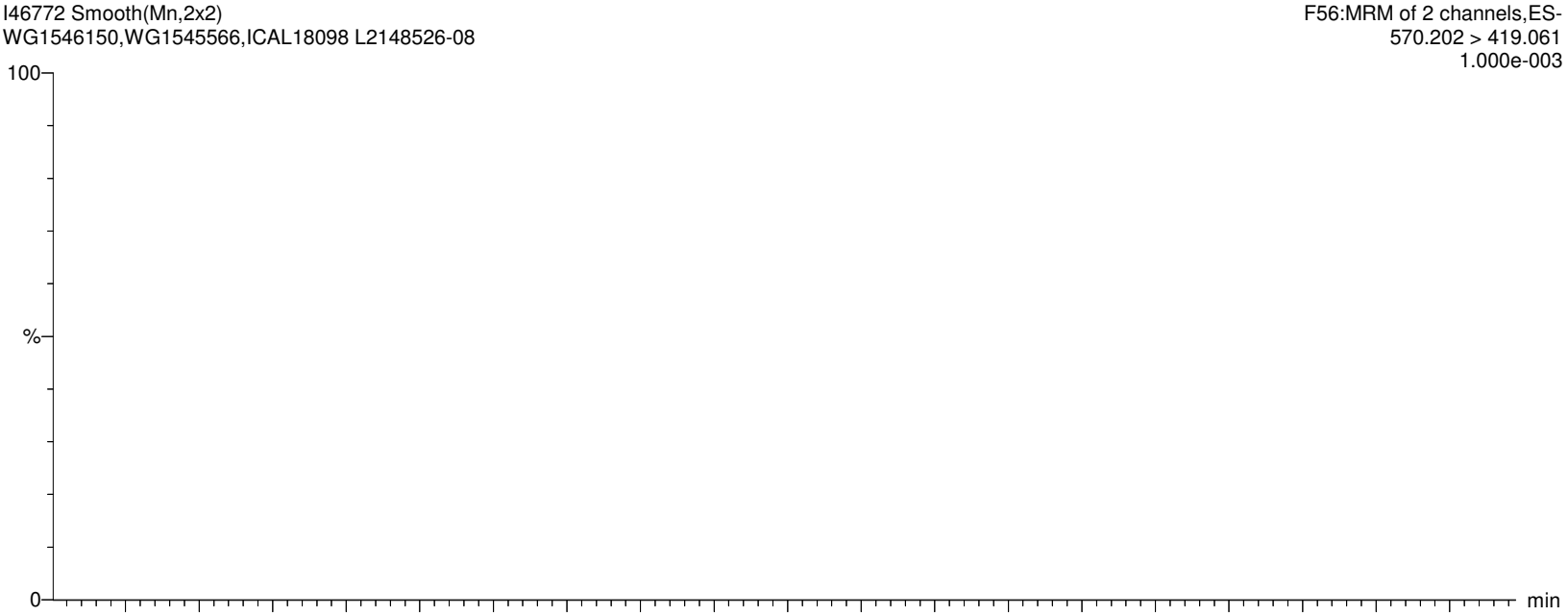


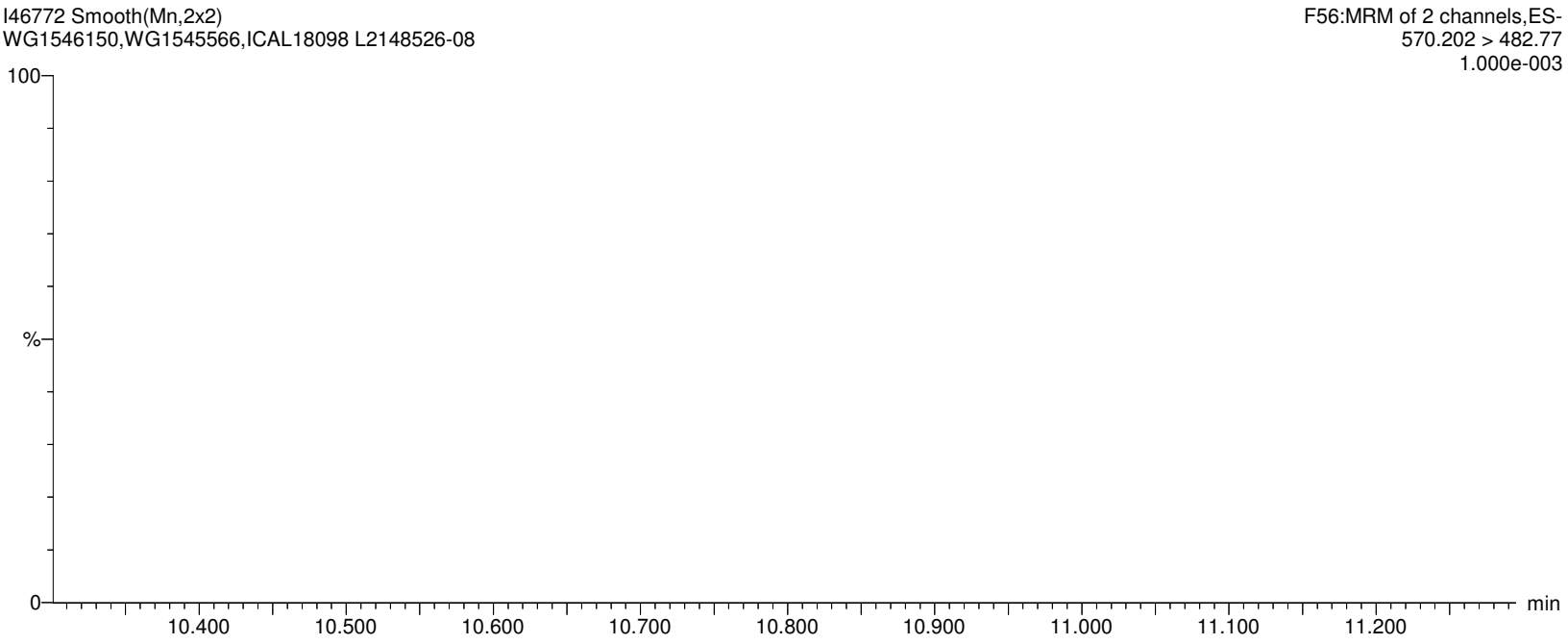
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:12 Eastern Daylight Time

Name: I46772
ID: L2148526-08
Date: 15-Sep-2021
Time: 07:21:44
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NMeFOSAA



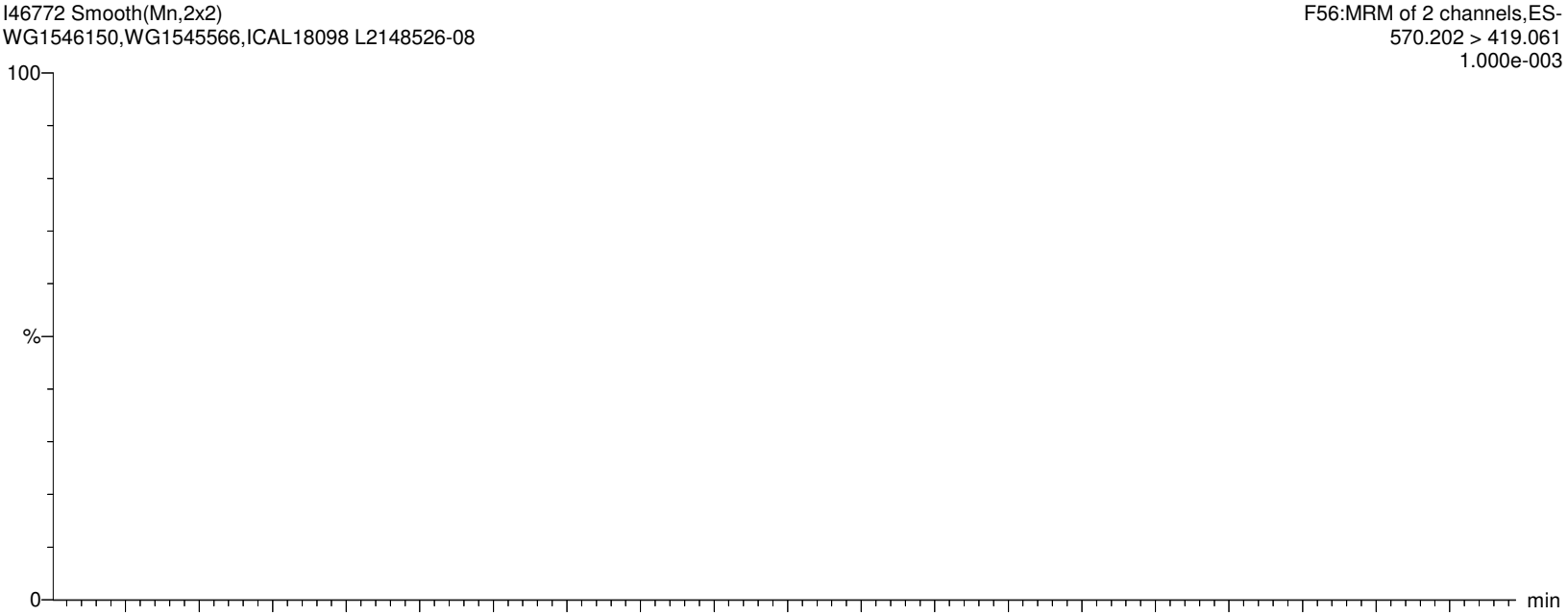


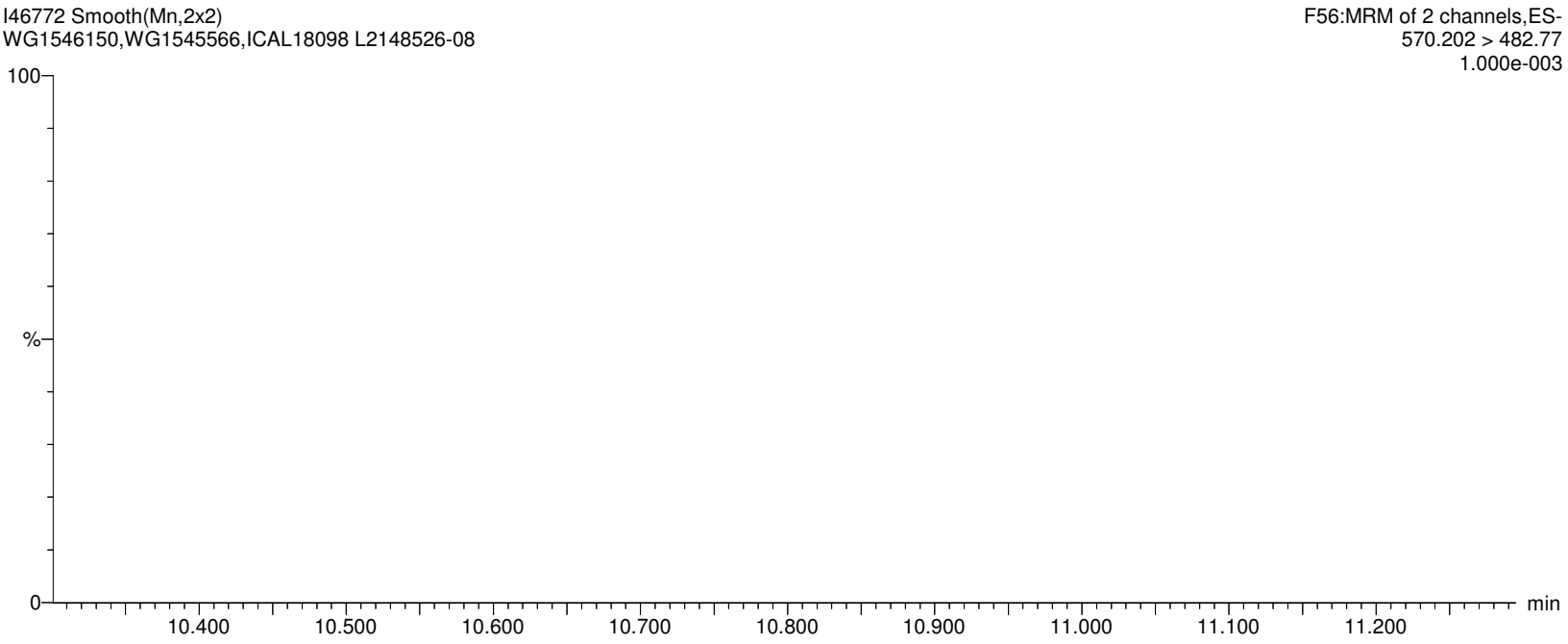
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:12 Eastern Daylight Time

Name: I46772
ID: L2148526-08
Date: 15-Sep-2021
Time: 07:21:44
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSAA



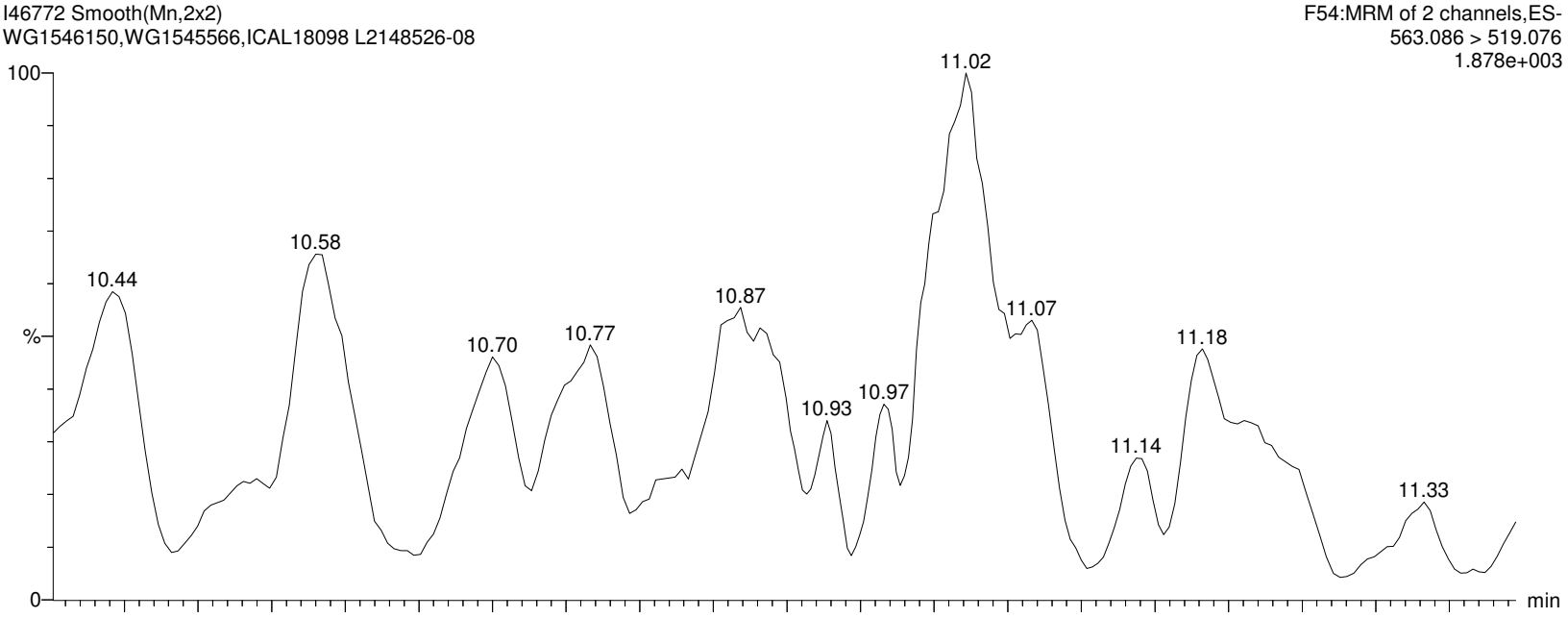


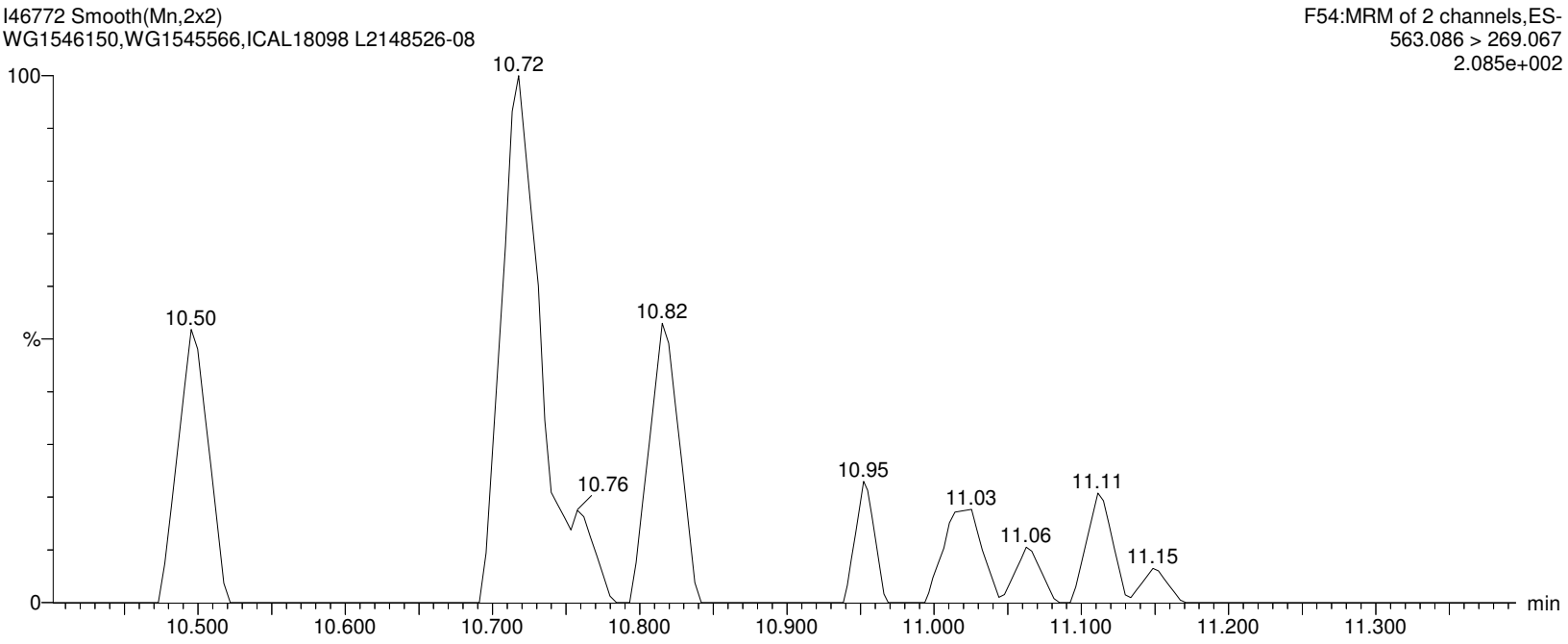
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:12 Eastern Daylight Time

Name: I46772
ID: L2148526-08
Date: 15-Sep-2021
Time: 07:21:44
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFUnA



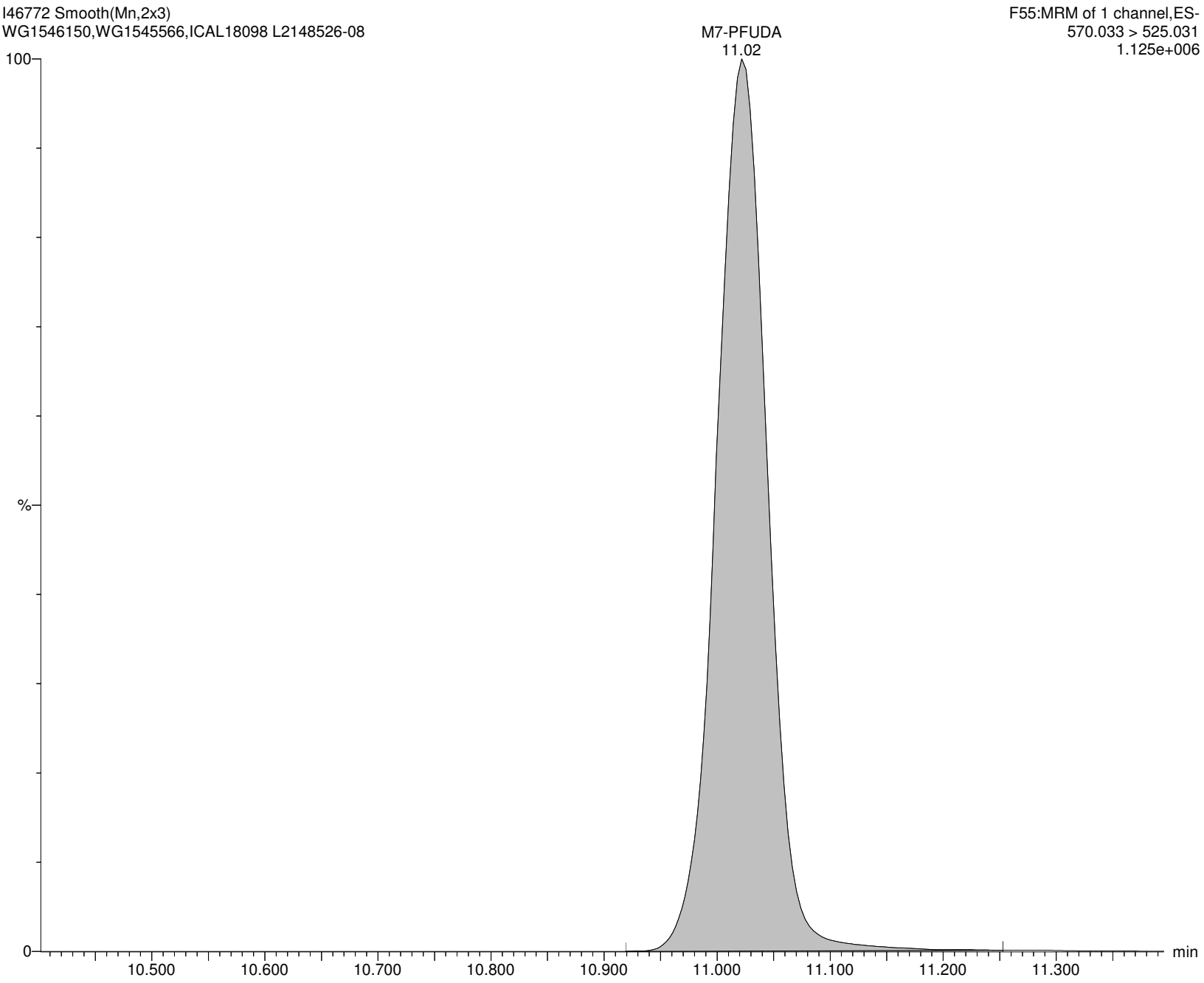


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:12 Eastern Daylight Time

Name: I46772
ID: L2148526-08
Date: 15-Sep-2021
Time: 07:21:44
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M7-PFUDA

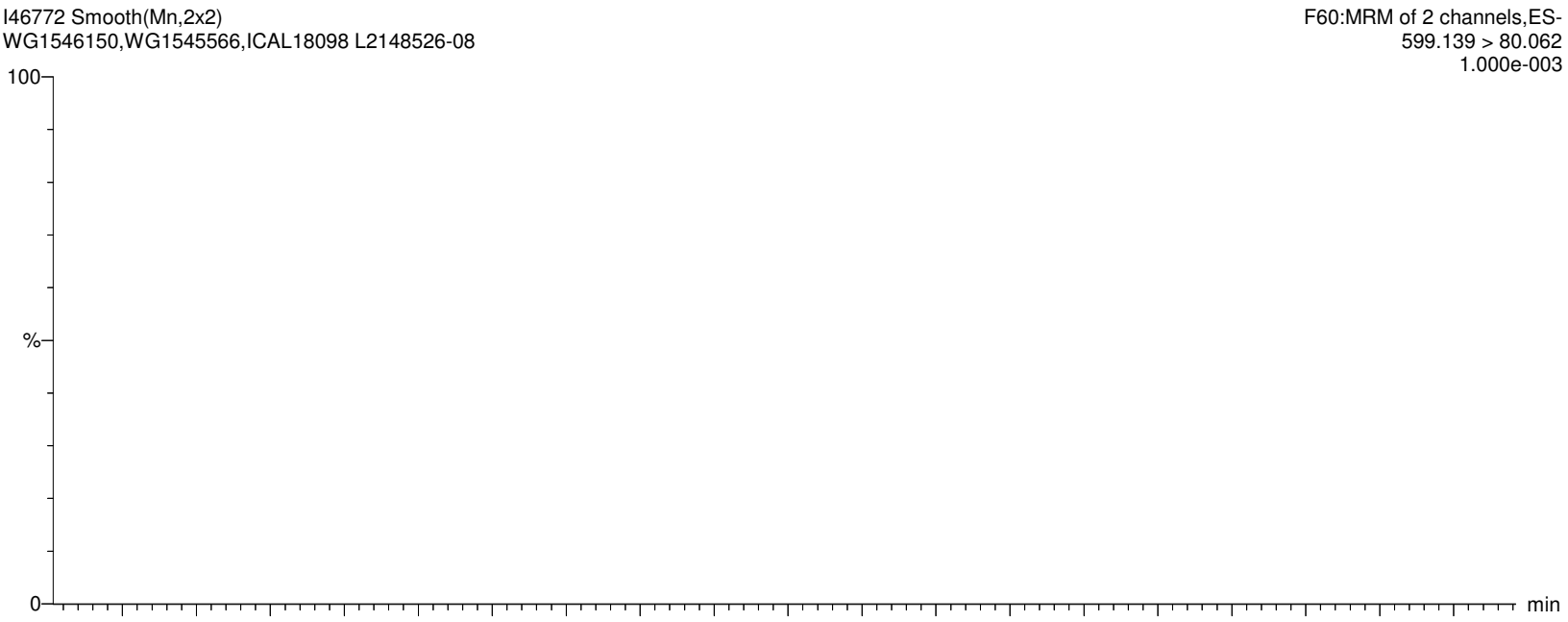


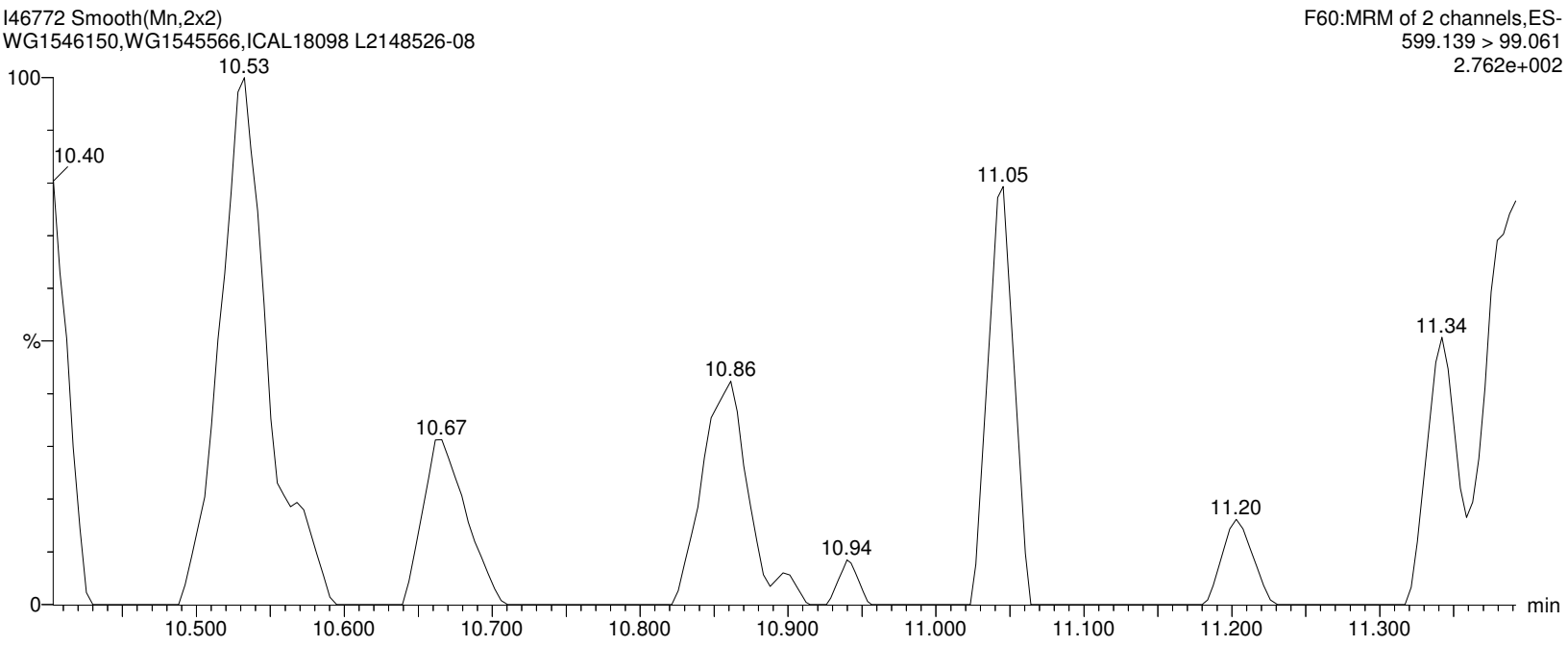
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:12 Eastern Daylight Time

Name: I46772
ID: L2148526-08
Date: 15-Sep-2021
Time: 07:21:44
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDS



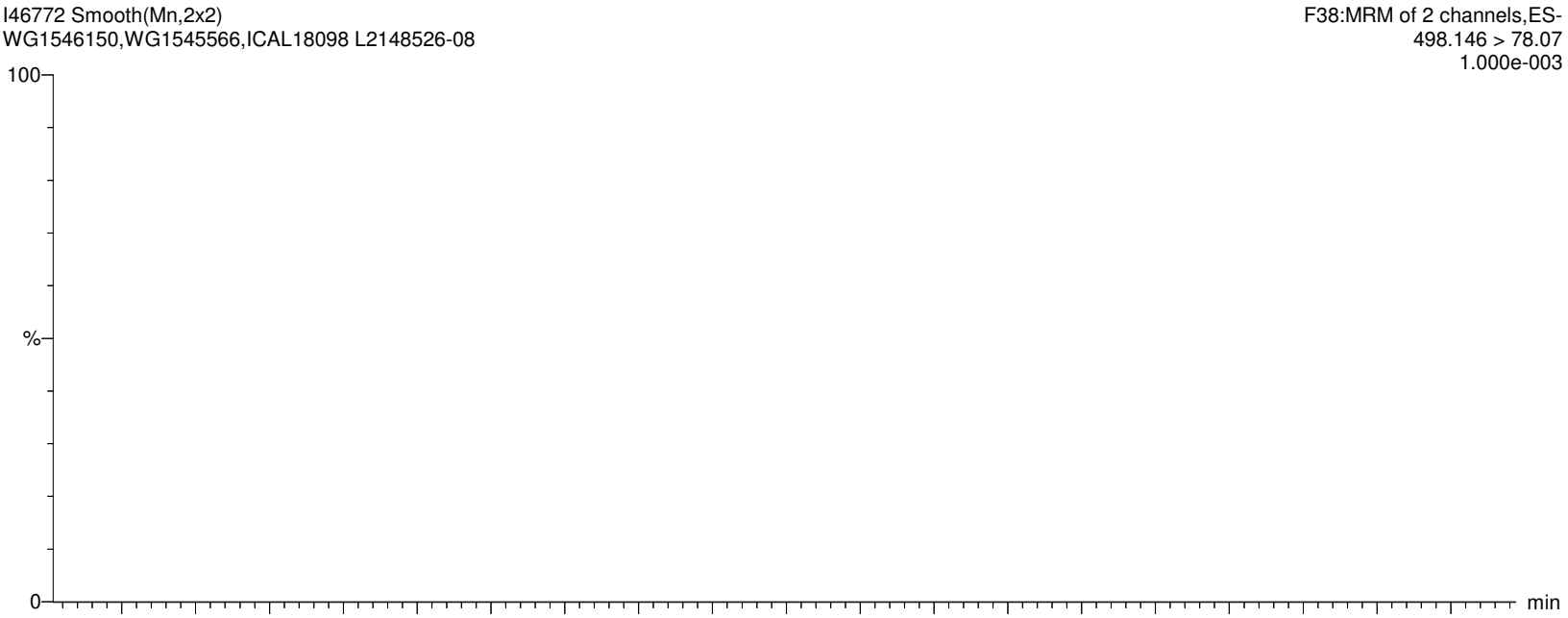


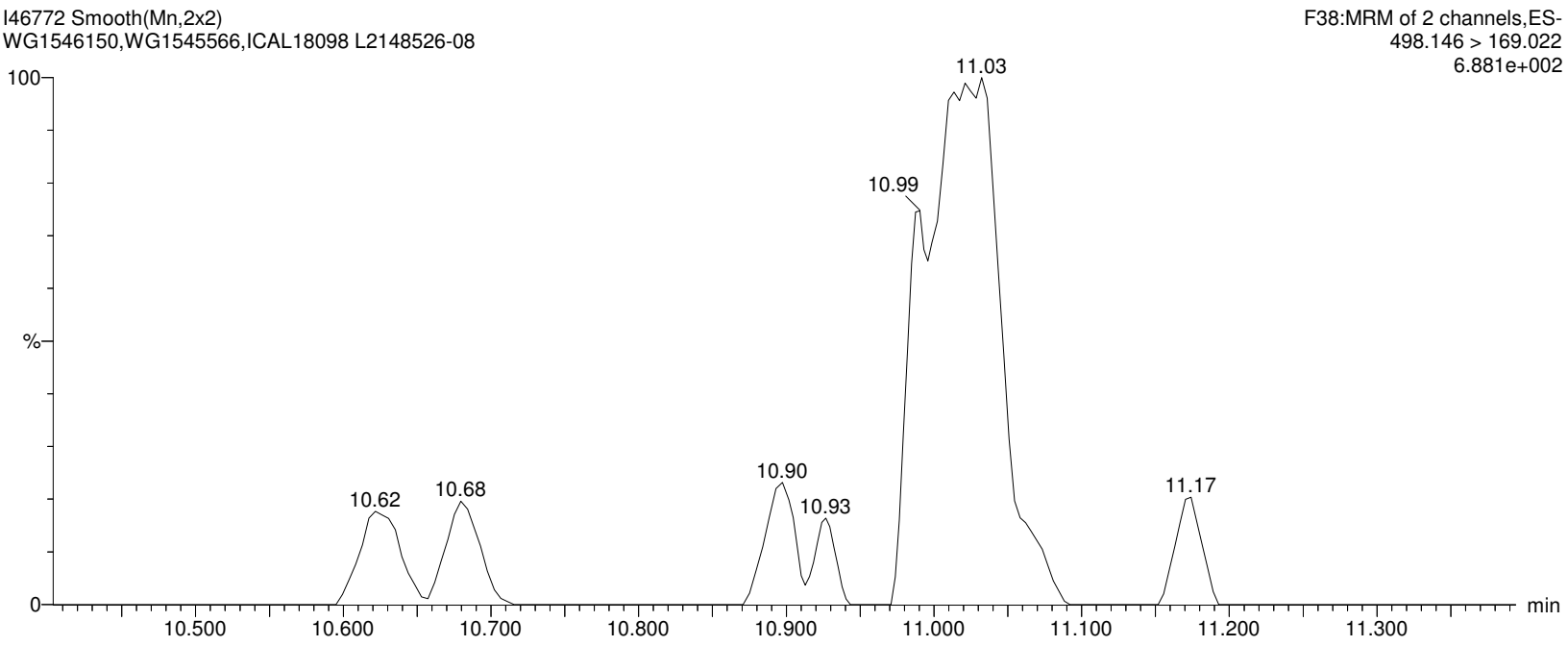
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:12 Eastern Daylight Time

Name: I46772
ID: L2148526-08
Date: 15-Sep-2021
Time: 07:21:44
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

FOSA



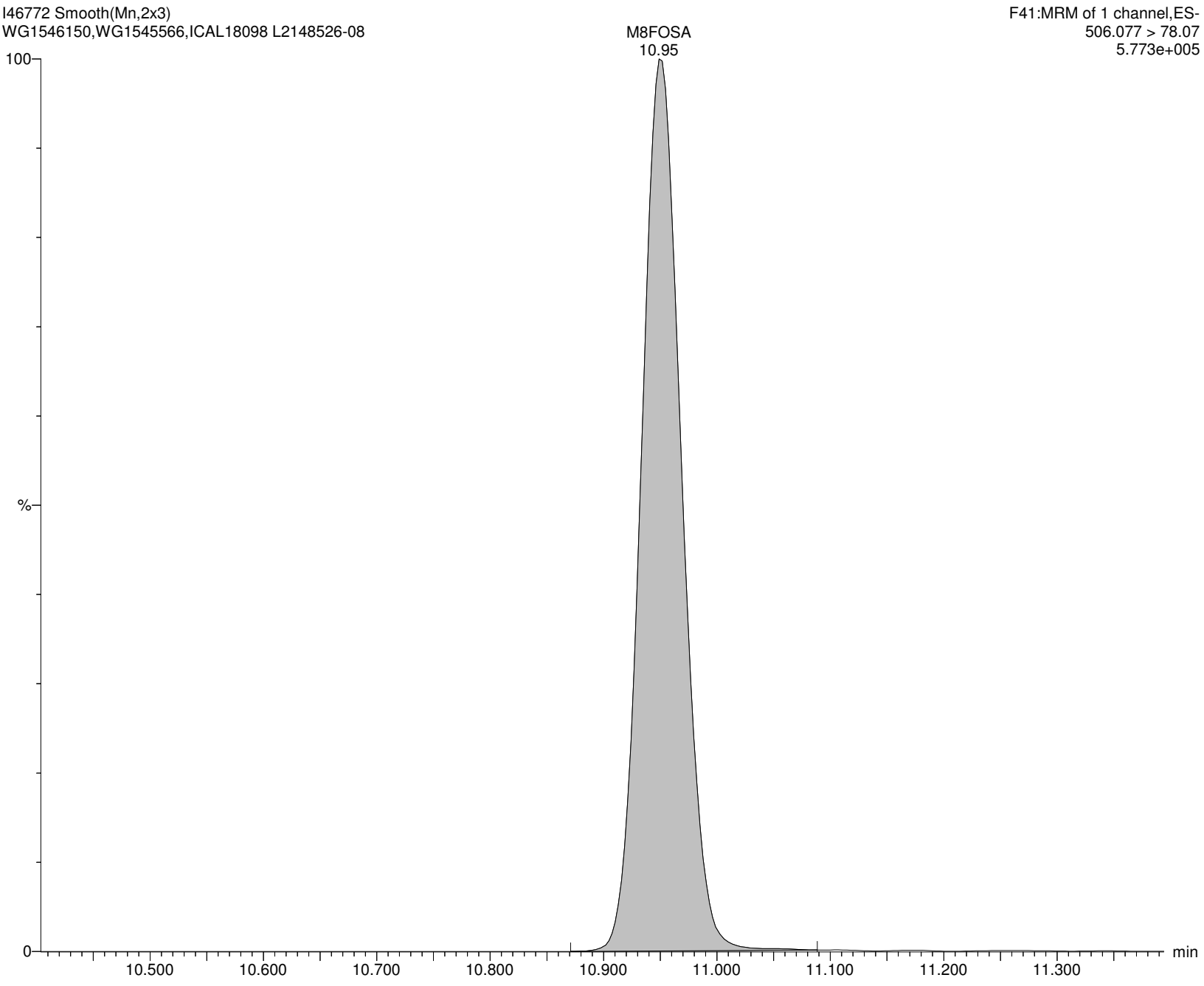


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:12 Eastern Daylight Time

Name: I46772
ID: L2148526-08
Date: 15-Sep-2021
Time: 07:21:44
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8FOSA

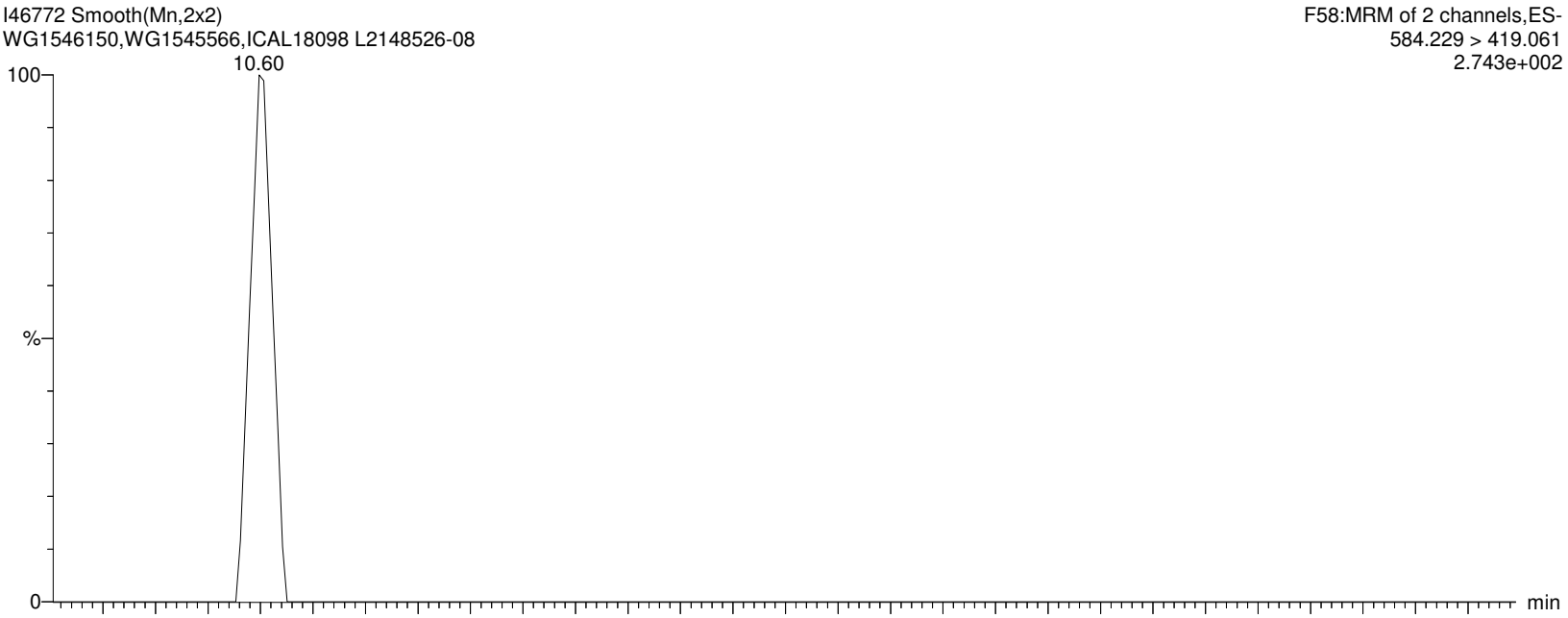


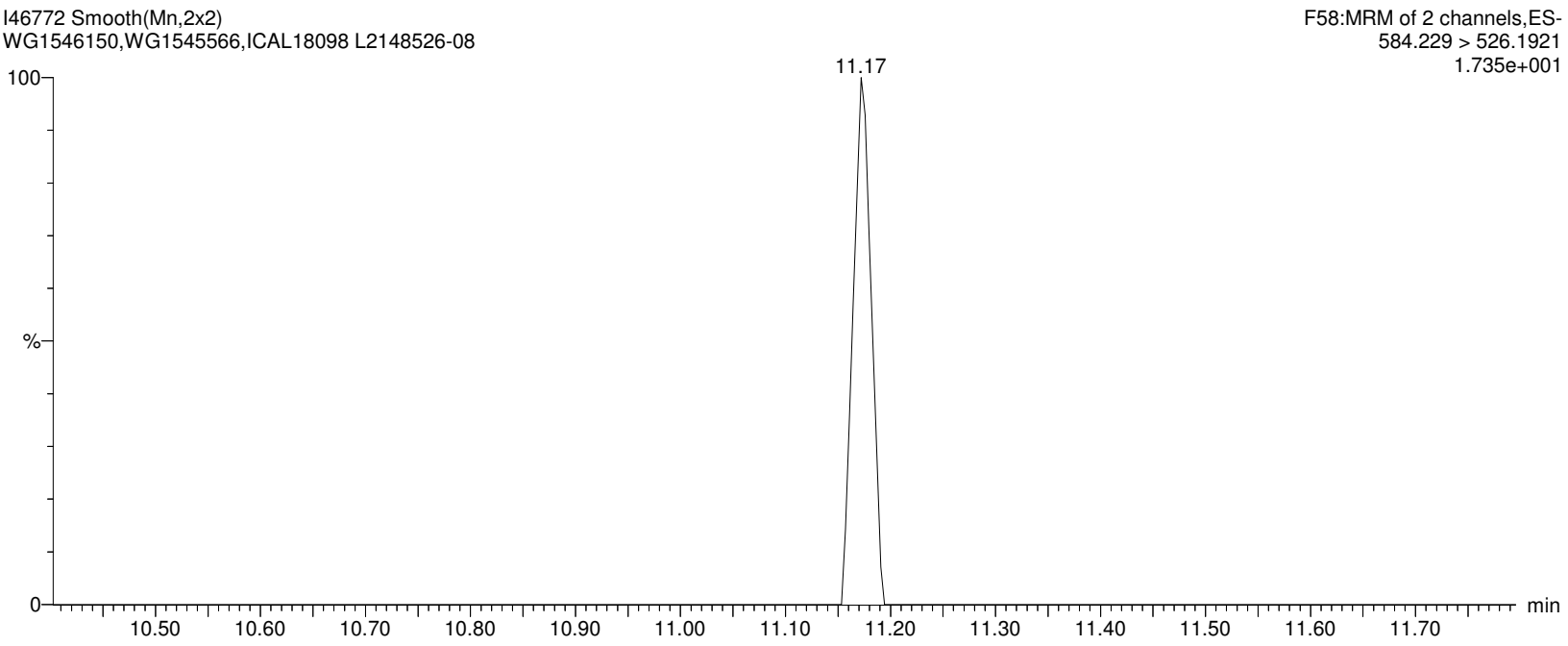
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:12 Eastern Daylight Time

Name: I46772
ID: L2148526-08
Date: 15-Sep-2021
Time: 07:21:44
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NEtFOSAA



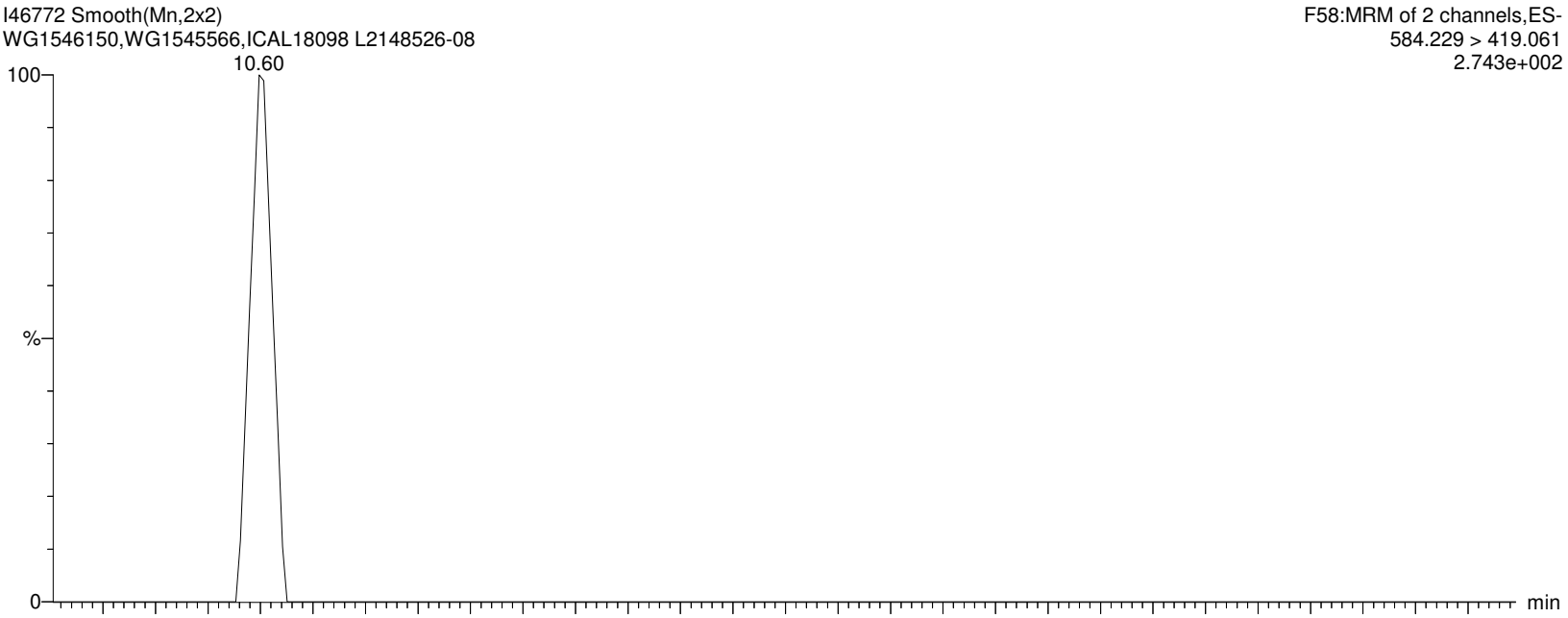


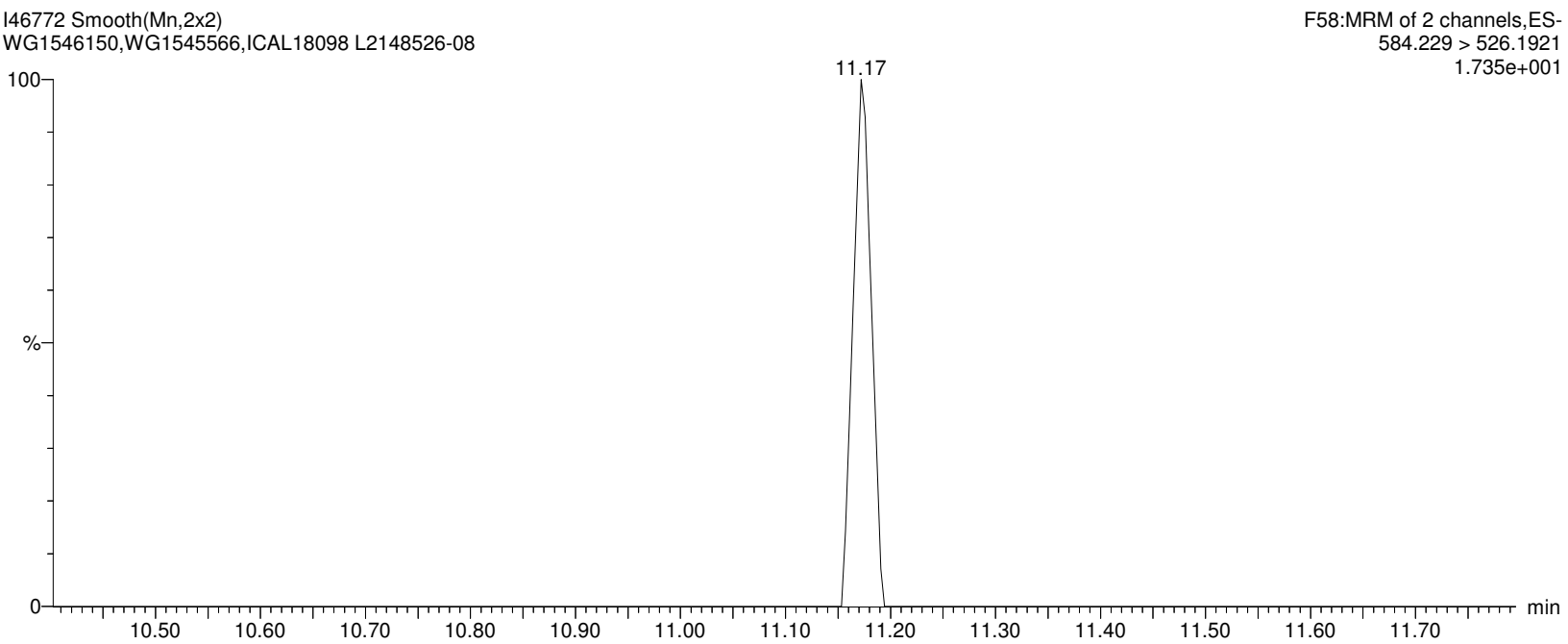
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:12 Eastern Daylight Time

Name: I46772
ID: L2148526-08
Date: 15-Sep-2021
Time: 07:21:44
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NEtFOSAA



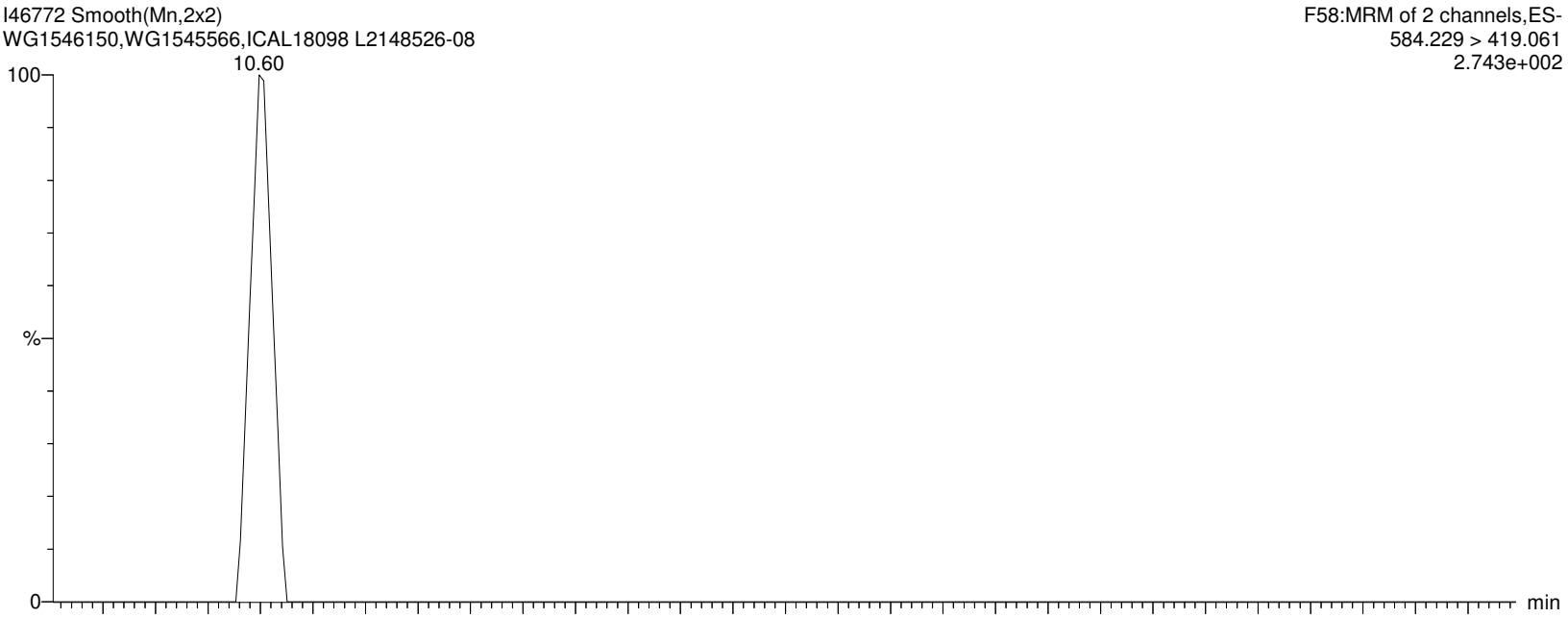


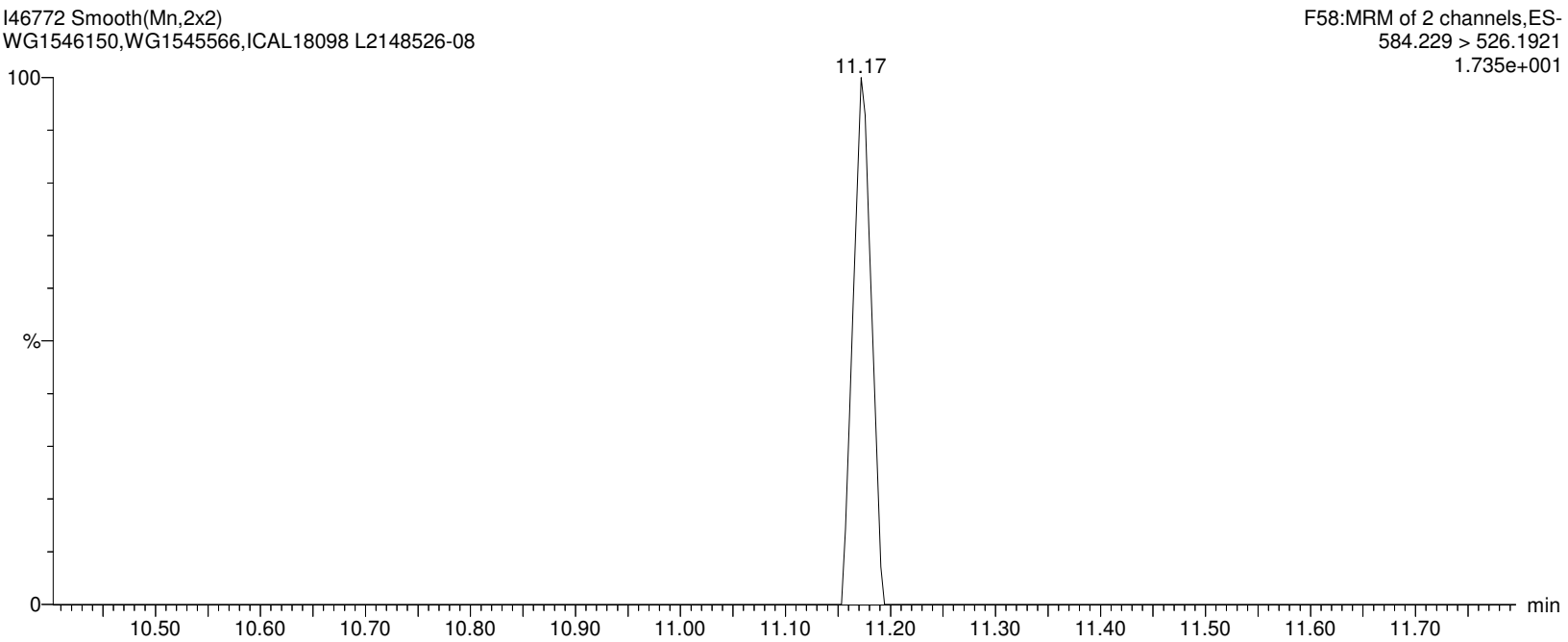
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:12 Eastern Daylight Time

Name: I46772
ID: L2148526-08
Date: 15-Sep-2021
Time: 07:21:44
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSAA



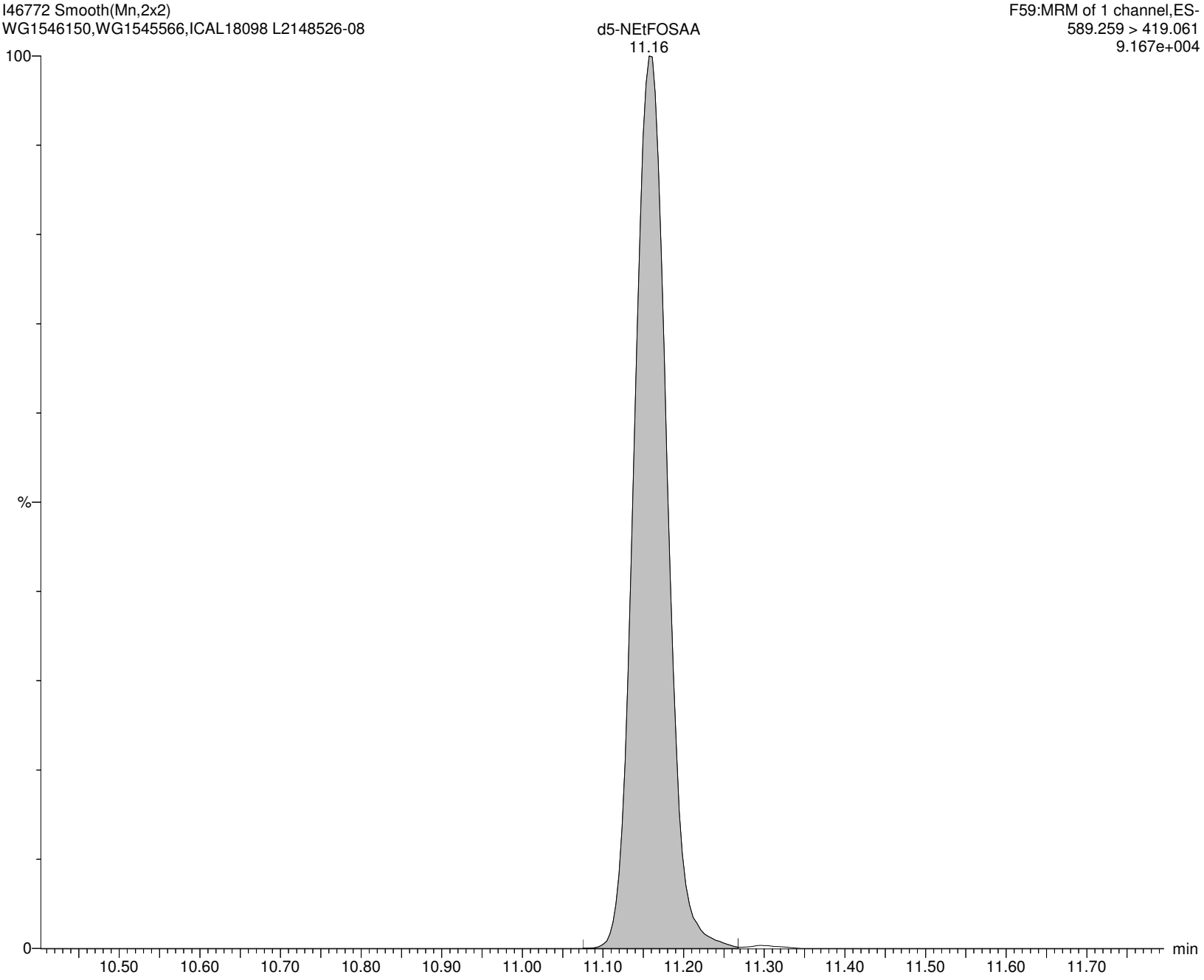


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:12 Eastern Daylight Time

Name: I46772
ID: L2148526-08
Date: 15-Sep-2021
Time: 07:21:44
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSAA

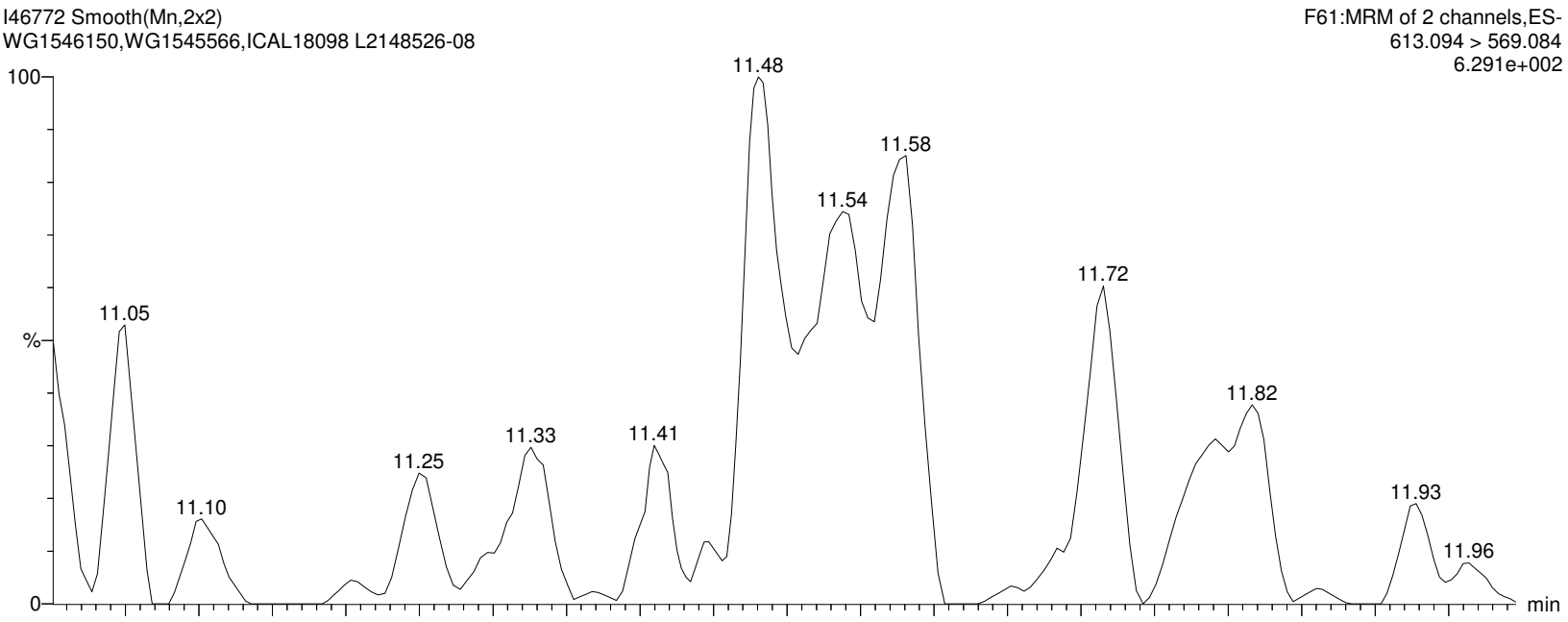


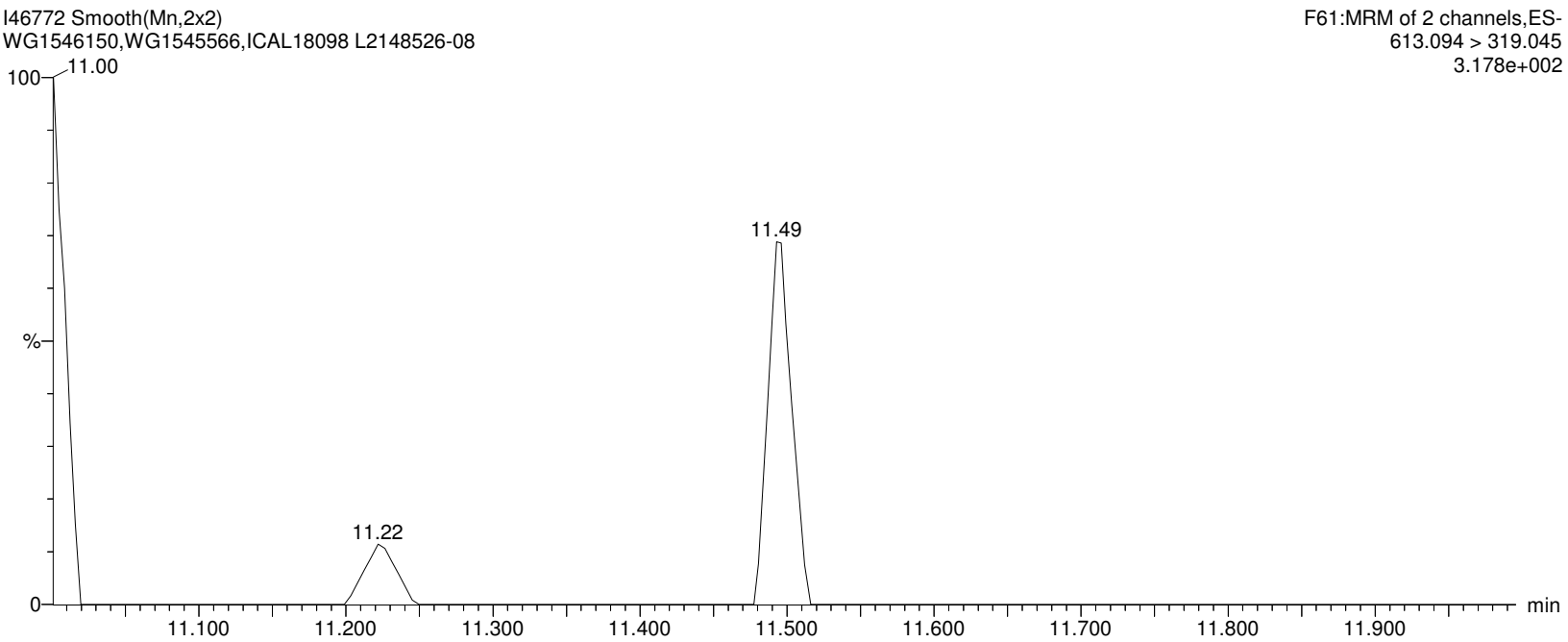
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:12 Eastern Daylight Time

Name: I46772
ID: L2148526-08
Date: 15-Sep-2021
Time: 07:21:44
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoA



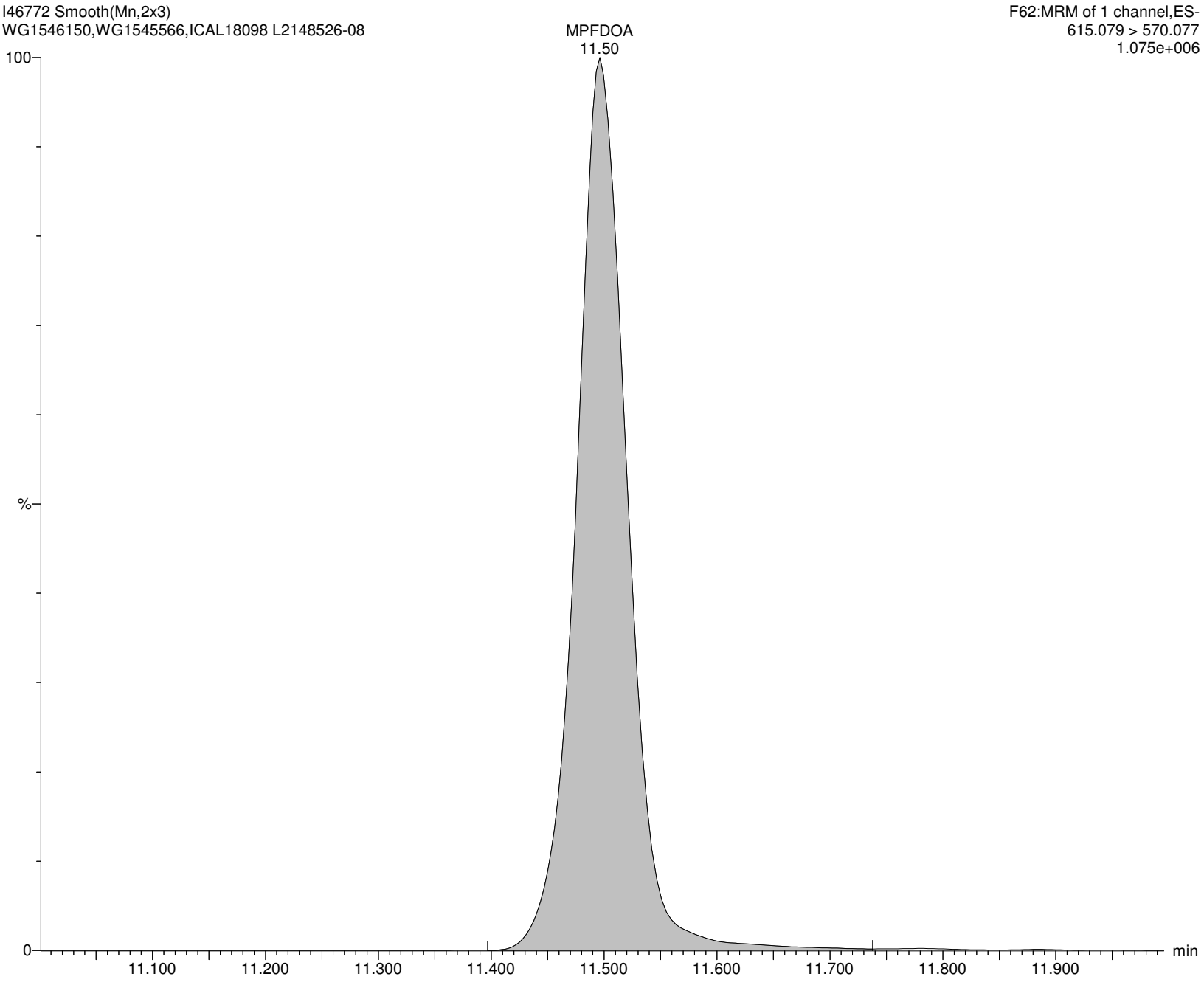


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:12 Eastern Daylight Time

Name: I46772
ID: L2148526-08
Date: 15-Sep-2021
Time: 07:21:44
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFDOA

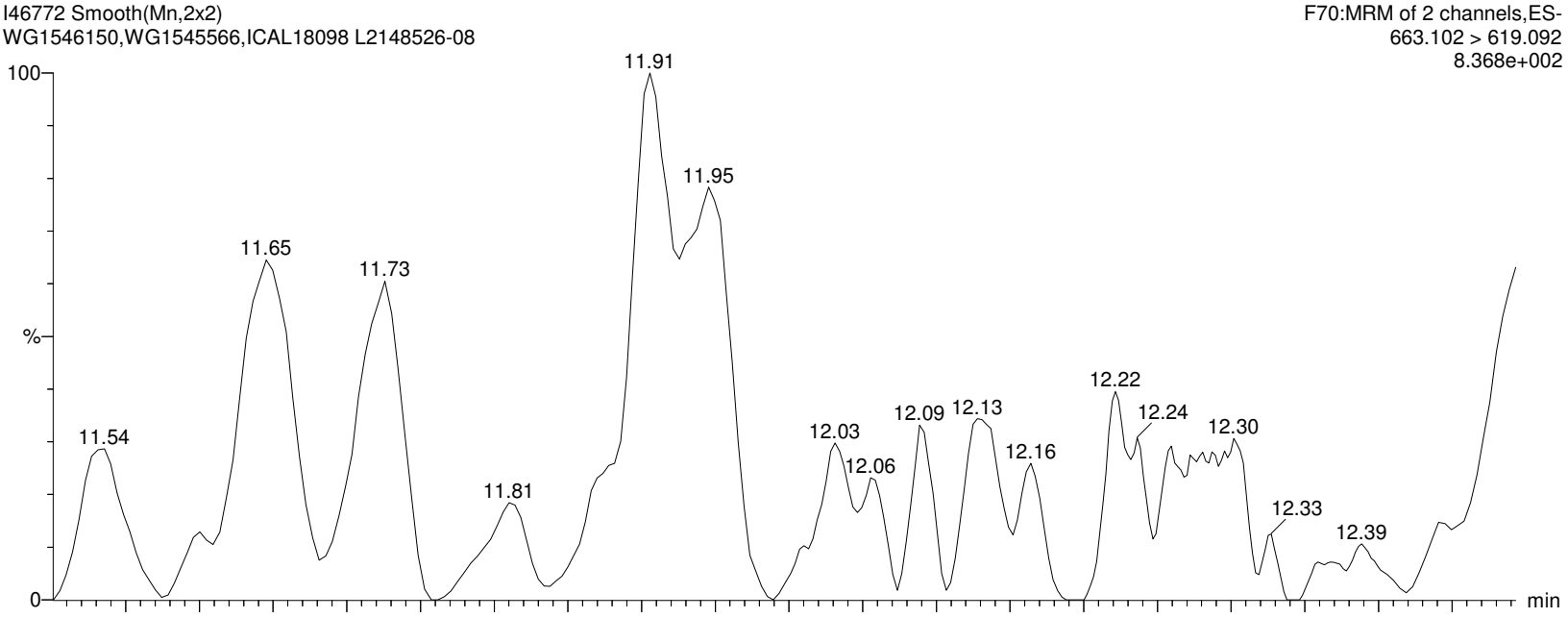


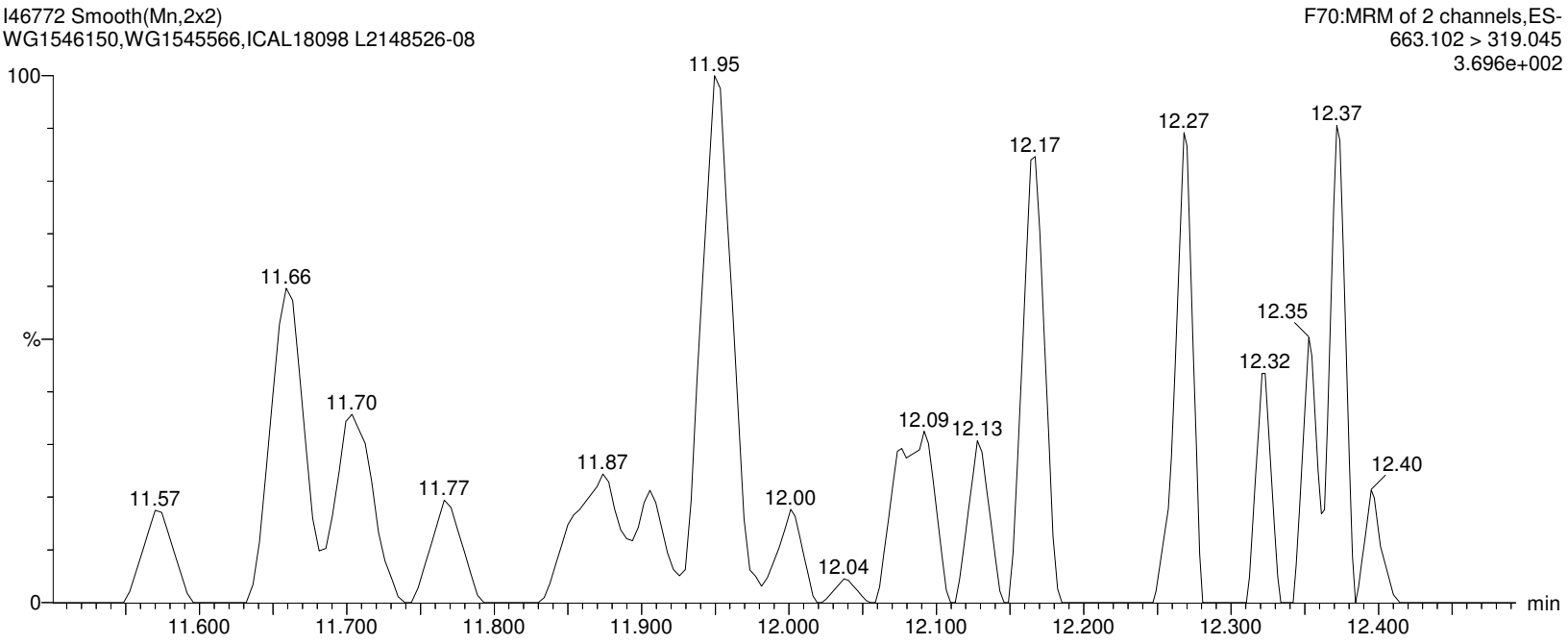
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:12 Eastern Daylight Time

Name: I46772
ID: L2148526-08
Date: 15-Sep-2021
Time: 07:21:44
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTrDA



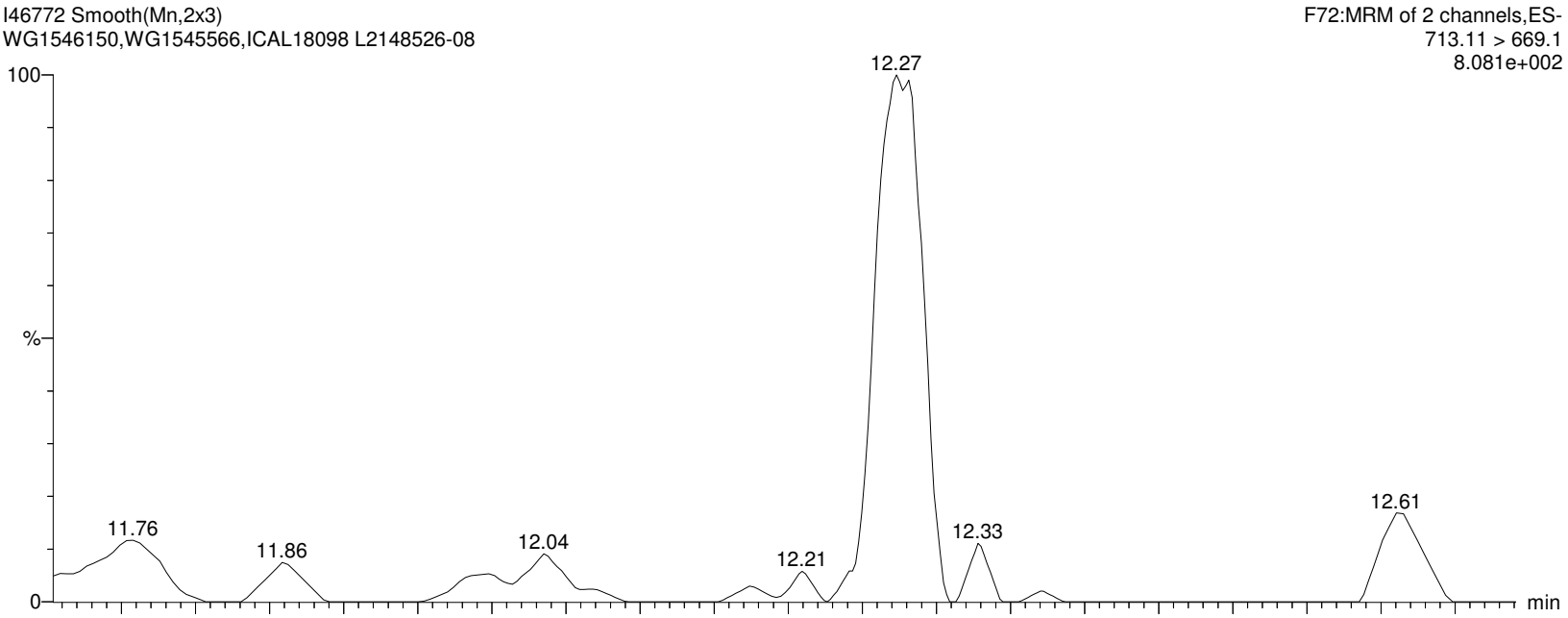


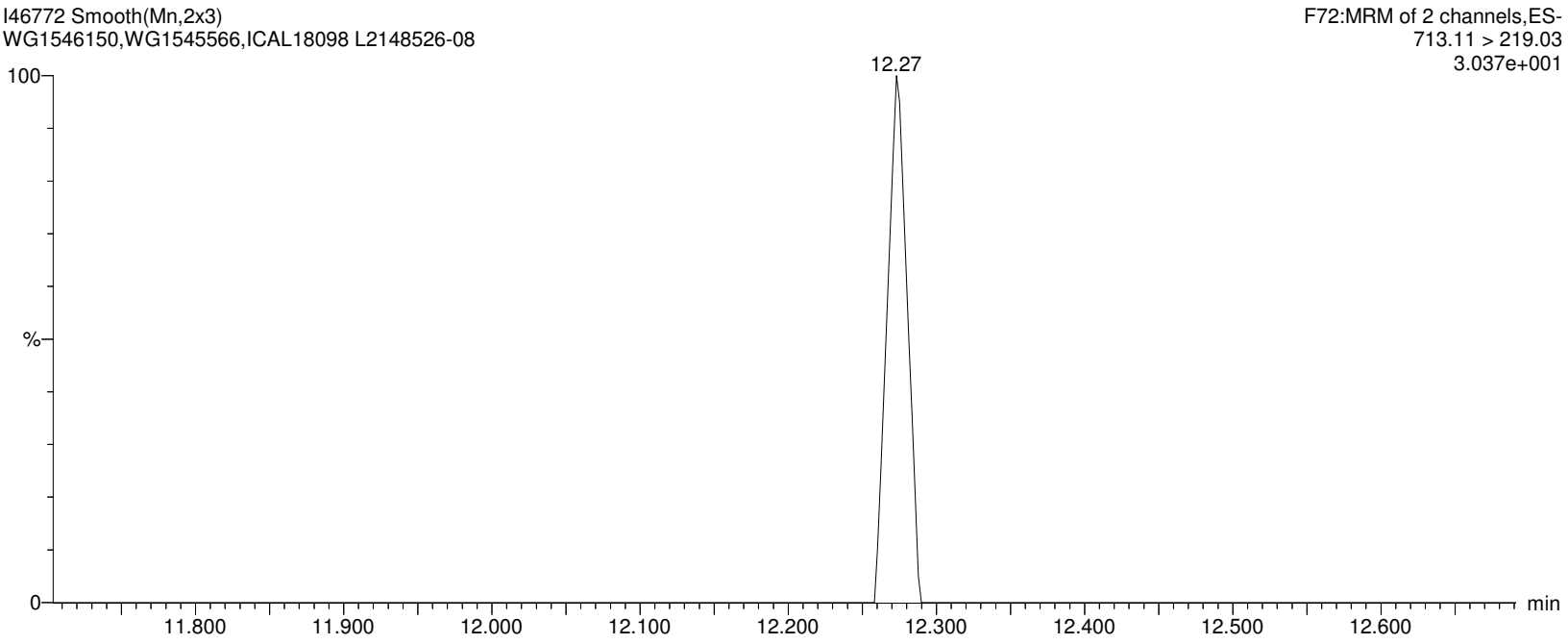
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:12 Eastern Daylight Time

Name: I46772
ID: L2148526-08
Date: 15-Sep-2021
Time: 07:21:44
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTA



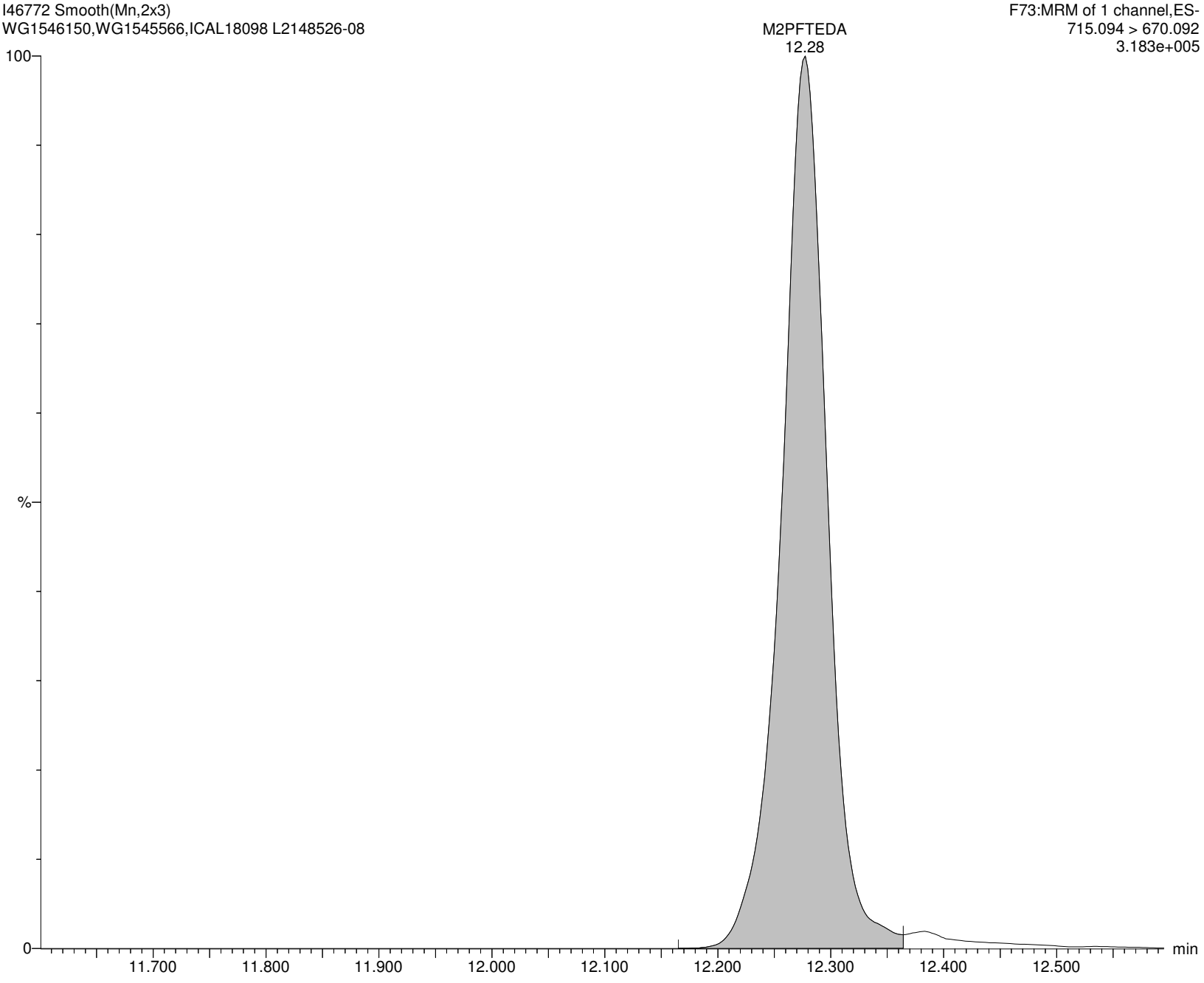


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:12 Eastern Daylight Time

Name: I46772
ID: L2148526-08
Date: 15-Sep-2021
Time: 07:21:44
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:B,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFTEDA



all concentration units in (ng/mL)

Semivolatiles Standards Data

Initial Calibration

Initial Calibration Summary
Form 6
Semivolatiles

Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

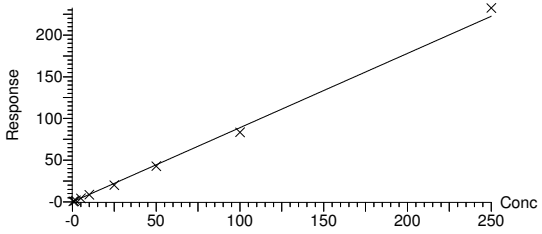
Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\MethDB\537ISO_Q_210625_TOP_RT.mdb 22 Jun 2021 09:28:25
Calibration: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

Compound name: PFBA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	1.969	57780.328	2503.404	0.487	97.4	0.867	1618		0.87
2	I42786	IA537STD-1	25-Jun-21	18:36:58	1.966	60023.031	5202.597	0.974	97.4	0.867	2613		0.85
3	I42787	IA537STD-2	25-Jun-21	18:53:32	1.969	60513.422	10011.021	1.859	92.9	0.827	6031		0.84
4	I42788	IA537STD-5	25-Jun-21	19:10:06	1.969	58136.680	24777.404	4.789	95.8	0.852	21541		0.88
5	I42789	IA537STD-10	25-Jun-21	19:26:39	1.974	54205.727	47227.559	9.790	97.9	0.871	2077		0.95
6	I42790	IA537STD-25	25-Jun-21	19:43:14	1.969	57145.898	114715.680	22.556	90.2	0.803	43396		0.81
7	I42791	IA537STD-50	25-Jun-21	19:59:48	1.971	55028.297	236504.828	48.293	96.6	0.860	87214		0.81
8	I42792	IA537STD-100	25-Jun-21	20:16:21	1.966	56827.293	473389.375	93.604	93.6	0.833	57726		0.81
9	I42793	IA537STD-250	25-Jun-21	20:32:55	1.971	48596.504	1129428.250	261.148	104.5	0.930	281096		0.71

Compound name: PFBA
Coefficient of Determination: R^2 = 0.997114
Calibration curve: 0.889954 * x
Response type: Internal Std (Ref 3), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

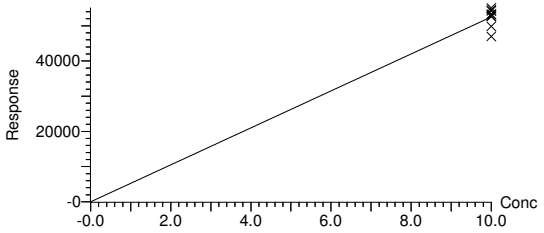
Client	: Soils Engineering Services, Inc.	Lab Number	: L2148526
Project Name	: GROSSINGERS	Project Number	: 9313:11
Instrument ID	: LCMS02	Ical Ref	: ICAL18098
Calibration dates	: 06/25/21 18:20 06/25/21 20:32		

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M3PFBA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	1.962		52649.926	10.029	100.3	5264.993	9955		0.86
2	I42786	IA537STD-1	25-Jun-21	18:36:58	1.965		55084.805	10.493	104.9	5508.480	30928		0.85
3	I42787	IA537STD-2	25-Jun-21	18:53:32	1.967		54195.488	10.323	103.2	5419.549	8023		0.84
4	I42788	IA537STD-5	25-Jun-21	19:10:06	1.967		53174.184	10.129	101.3	5317.418	21544		0.87
5	I42789	IA537STD-10	25-Jun-21	19:26:39	1.972		49840.660	9.494	94.9	4984.066	21839		0.94
6	I42790	IA537STD-25	25-Jun-21	19:43:14	1.967		54558.551	10.392	103.9	5455.855	19275		0.81
7	I42791	IA537STD-50	25-Jun-21	19:59:48	1.970		53345.297	10.161	101.6	5334.530	6943		0.80
8	I42792	IA537STD-100	25-Jun-21	20:16:21	1.965		52675.707	10.034	100.3	5267.571	35088		0.81
9	I42793	IA537STD-250	25-Jun-21	20:32:55	1.970		46961.406	8.945	89.5	4696.141	7126		0.71

Compound name: M3PFBA
Response Factor: 5249.84
RRF SD: 256.817, % Relative SD: 4.8919
Response type: External Std, Area
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

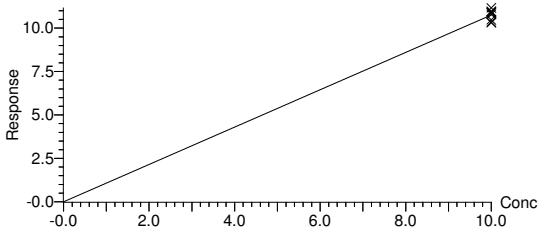
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: MPFBA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	1.963	52649.926	57780.328	10.206	102.1	1.097	44254		0.86
2	I42786	IA537STD-1	25-Jun-21	18:36:58	1.966	55084.805	60023.031	10.134	101.3	1.090	112943		0.84
3	I42787	IA537STD-2	25-Jun-21	18:53:32	1.966	54195.488	60513.422	10.384	103.8	1.117	62673		0.84
4	I42788	IA537STD-5	25-Jun-21	19:10:06	1.966	53174.184	58136.680	10.168	101.7	1.093	23841		0.87
5	I42789	IA537STD-10	25-Jun-21	19:26:39	1.973	49840.660	54205.727	10.115	101.1	1.088	39951		0.93
6	I42790	IA537STD-25	25-Jun-21	19:43:14	1.966	54558.551	57145.898	9.741	97.4	1.047	31272		0.81
7	I42791	IA537STD-50	25-Jun-21	19:59:48	1.968	53345.297	55028.297	9.594	95.9	1.032	18669		0.80
8	I42792	IA537STD-100	25-Jun-21	20:16:21	1.966	52675.707	56827.293	10.033	100.3	1.079	46464		0.81
9	I42793	IA537STD-250	25-Jun-21	20:32:55	1.970	46961.406	48596.504	9.624	96.2	1.035	12543		0.69

Compound name: MPFBA
Response Factor: 1.07524
RRF SD: 0.0300376, % Relative SD: 2.79356
Response type: Internal Std (Ref 2), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

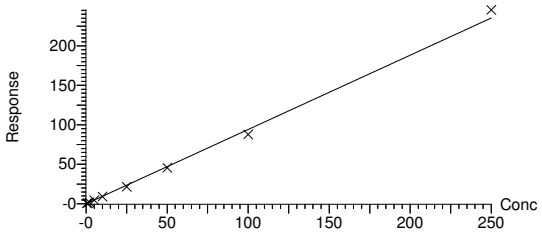
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFPeA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	4.850	65293.742	3001.893	0.489	97.7	0.920	461		0.91
2	I42786	IA537STD-1	25-Jun-21	18:36:58	4.850	66911.328	6365.286	1.011	101.1	0.951	1376		0.89
3	I42787	IA537STD-2	25-Jun-21	18:53:32	4.847	67487.727	11881.345	1.871	93.6	0.880	10568		0.88
4	I42788	IA537STD-5	25-Jun-21	19:10:06	4.852	64551.254	29487.203	4.855	97.1	0.914	11140		0.88
5	I42789	IA537STD-10	25-Jun-21	19:26:39	4.852	60132.316	55591.688	9.825	98.3	0.924	10596		0.96
6	I42790	IA537STD-25	25-Jun-21	19:43:14	4.843	62822.996	135278.266	22.885	91.5	0.861	22089		0.83
7	I42791	IA537STD-50	25-Jun-21	19:59:48	4.845	60026.988	272712.906	48.283	96.6	0.909	122857		0.82
8	I42792	IA537STD-100	25-Jun-21	20:16:21	4.845	61133.020	536881.625	93.334	93.3	0.878	135523		0.83
9	I42793	IA537STD-250	25-Jun-21	20:32:55	4.845	49834.328	1223624.250	260.948	104.4	0.982	124283		0.73

Compound name: PFPeA
Coefficient of Determination: R^2 = 0.997229
Calibration curve: 0.940946 * x
Response type: Internal Std (Ref 5), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

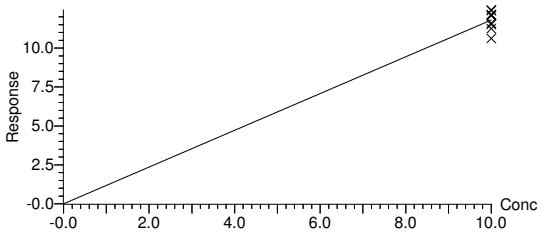
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M5PFPEA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	4.851	52649.926	65293.742	10.511	105.1	1.240	17174		0.82
2	I42786	IA537STD-1	25-Jun-21	18:36:58	4.851	55084.805	66911.328	10.295	102.9	1.215	14092		0.81
3	I42787	IA537STD-2	25-Jun-21	18:53:32	4.848	54195.488	67487.727	10.554	105.5	1.245	21059		0.81
4	I42788	IA537STD-5	25-Jun-21	19:10:06	4.851	53174.184	64551.254	10.289	102.9	1.214	25999		0.83
5	I42789	IA537STD-10	25-Jun-21	19:26:39	4.853	49840.660	60132.316	10.225	102.3	1.206	7455		0.91
6	I42790	IA537STD-25	25-Jun-21	19:43:14	4.844	54558.551	62822.996	9.759	97.6	1.151	9414		0.76
7	I42791	IA537STD-50	25-Jun-21	19:59:48	4.846	53345.297	60026.988	9.537	95.4	1.125	31033		0.74
8	I42792	IA537STD-100	25-Jun-21	20:16:21	4.846	52675.707	61133.020	9.836	98.4	1.161	12512		0.76
9	I42793	IA537STD-250	25-Jun-21	20:32:55	4.848	46961.406	49834.328	8.994	89.9	1.061	11342		0.64

Compound name: M5PFPEA
Response Factor: 1.17989
RRF SD: 0.0604607, % Relative SD: 5.12426
Response type: Internal Std (Ref 2), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

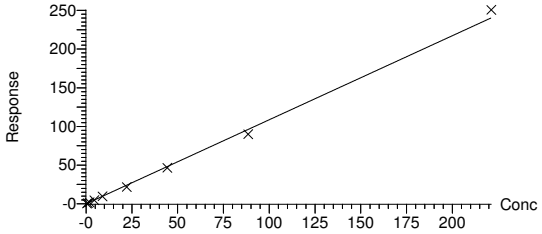
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFBS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	5.515	13296.128	591.544	0.410	92.5	1.005	177	96	0.80
2	I42786	IA537STD-1	25-Jun-21	18:36:58	5.517	13529.566	1317.789	0.897	101.3	1.101	452	128	0.71
3	I42787	IA537STD-2	25-Jun-21	18:53:32	5.512	13649.750	2418.258	1.631	92.1	1.001	3213	223	0.72
4	I42788	IA537STD-5	25-Jun-21	19:10:06	5.515	13428.799	6288.119	4.310	97.4	1.058	1281	501	0.76
5	I42789	IA537STD-10	25-Jun-21	19:26:39	5.515	12248.645	11722.187	8.809	99.5	1.081	4074	1363	0.87
6	I42790	IA537STD-25	25-Jun-21	19:43:14	5.508	12737.235	27699.564	20.017	90.5	0.983	4410	4948	0.67
7	I42791	IA537STD-50	25-Jun-21	19:59:48	5.508	12077.166	56096.438	42.754	96.6	1.050	34347	2647	0.67
8	I42792	IA537STD-100	25-Jun-21	20:16:21	5.508	11898.238	107187.992	82.922	93.7	1.018	25445	15160	0.68
9	I42793	IA537STD-250	25-Jun-21	20:32:55	5.510	9269.692	232379.156	230.748	104.3	1.133	43501	17921	0.56

Compound name: PFBS
Coefficient of Determination: R^2 = 0.997270
Calibration curve: 1.08641 * x
Response type: Internal Std (Ref 7), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

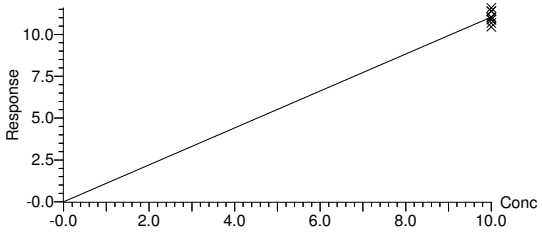
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M3PFBS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	5.513	12049.551	13296.128	10.001	100.0	1.103	2236		0.77
2	I42786	IA537STD-1	25-Jun-21	18:36:58	5.515	12436.962	13529.566	9.860	98.6	1.088	1902		0.72
3	I42787	IA537STD-2	25-Jun-21	18:53:32	5.510	11973.752	13649.750	10.332	103.3	1.140	4850		0.73
4	I42788	IA537STD-5	25-Jun-21	19:10:06	5.513	12188.990	13428.799	9.985	99.9	1.102	2158		0.77
5	I42789	IA537STD-10	25-Jun-21	19:26:39	5.513	11257.388	12248.645	9.862	98.6	1.088	3208		0.88
6	I42790	IA537STD-25	25-Jun-21	19:43:14	5.506	12191.913	12737.235	9.469	94.7	1.045	3893		0.67
7	I42791	IA537STD-50	25-Jun-21	19:59:48	5.508	11312.826	12077.166	9.676	96.8	1.068	914		0.65
8	I42792	IA537STD-100	25-Jun-21	20:16:21	5.508	10453.800	11898.238	10.316	103.2	1.138	9438		0.66
9	I42793	IA537STD-250	25-Jun-21	20:32:55	5.508	8001.944	9269.692	10.499	105.0	1.158	16203		0.57

Compound name: M3PFBS
Response Factor: 1.10333
RRF SD: 0.0367112, % Relative SD: 3.32732
Response type: Internal Std (Ref 32), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

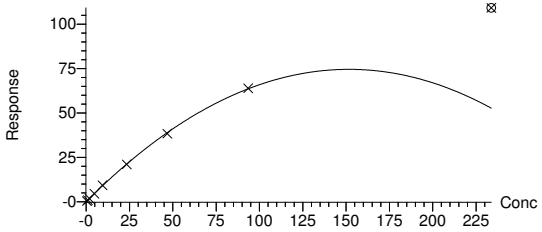
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: 4:2FTS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	6.674	4751.496	197.504	0.423	90.5	0.889	169	7	0.92
2	I42786	IA537STD-1	25-Jun-21	18:36:58	6.670	4848.491	448.143	0.943	100.8	0.989	93	40	1.03
3	I42787	IA537STD-2	25-Jun-21	18:53:32	6.666	4949.058	898.811	1.858	99.3	0.971	149	41	0.94
4	I42788	IA537STD-5	25-Jun-21	19:10:06	6.670	4876.582	2258.045	4.783	102.3	0.990	39070	69	0.97
5	I42789	IA537STD-10	25-Jun-21	19:26:39	6.674	4586.584	4269.456	9.779	104.6	0.996	331	349	1.12
6	I42790	IA537STD-25	25-Jun-21	19:43:14	6.662	4981.509	10485.229	23.169	99.1	0.900	175390	371	0.93
7	I42791	IA537STD-50	25-Jun-21	19:59:48	6.662	5423.619	20794.605	45.937	98.3	0.820	2194	473	0.92
8	I42792	IA537STD-100	25-Jun-21	20:16:21	6.662	6731.338	43008.996	94.237	100.8	0.683	3614	2224	0.90
9	I42793	IA537STD-250	25-Jun-21	20:32:55	6.658	9131.959	99727.539			0.467	7599	5887	0.88

Compound name: 4:2FTS
Coefficient of Determination: R^2 = 0.999676
Calibration curve: -0.00324274 * x^2 + 0.983598 * x
Response type: Internal Std (Ref 9), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

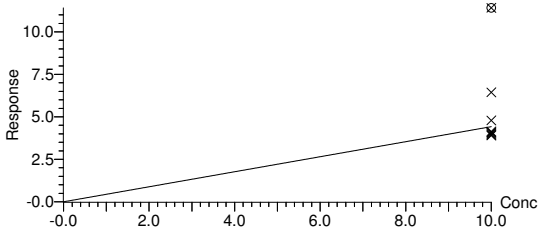
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M2-4:2FTS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	6.674	12049.551	4751.496	8.919	89.2	0.394	1039		0.92
2	I42786	IA537STD-1	25-Jun-21	18:36:58	6.674	12436.962	4848.491	8.818	88.2	0.390	395		0.92
3	I42787	IA537STD-2	25-Jun-21	18:53:32	6.666	11973.752	4949.058	9.349	93.5	0.413	600		0.93
4	I42788	IA537STD-5	25-Jun-21	19:10:06	6.670	12188.990	4876.582	9.049	90.5	0.400	1091		0.94
5	I42789	IA537STD-10	25-Jun-21	19:26:39	6.674	11257.388	4586.584	9.215	92.2	0.407	436		1.01
6	I42790	IA537STD-25	25-Jun-21	19:43:14	6.662	12191.913	4981.509	9.242	92.4	0.409	881		0.94
7	I42791	IA537STD-50	25-Jun-21	19:59:48	6.662	11312.826	5423.619	10.844	108.4	0.479	90583		0.90
8	I42792	IA537STD-100	25-Jun-21	20:16:21	6.662	10453.800	6731.338	14.564	145.6	0.644	1102		0.91
9	I42793	IA537STD-250	25-Jun-21	20:32:55	6.659	8001.944	9131.959	25.813	258.1	1.141	2041		0.89

Compound name: M2-4:2FTS
Response Factor: 0.442117
RRF SD: 0.0862327, % Relative SD: 19.5045
Response type: Internal Std (Ref 32), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

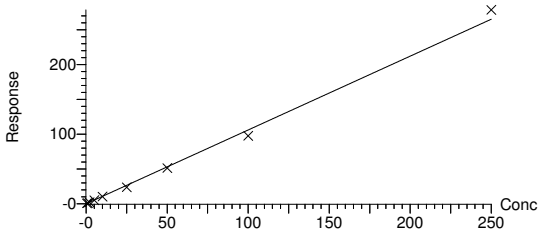
Quantify Compound Summary Report **MassLynx V4.2 SCN977**

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFHxA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	6.745	69092.836	4253.300	0.580	116.0	1.231	496	36	0.96
2	I42786	IA537STD-1	25-Jun-21	18:36:58	6.745	71767.094	8367.647	1.099	109.9	1.166	848	62	0.97
3	I42787	IA537STD-2	25-Jun-21	18:53:32	6.736	71122.000	14613.060	1.936	96.8	1.027	2847	138	1.02
4	I42788	IA537STD-5	25-Jun-21	19:10:06	6.740	68872.398	35119.141	4.806	96.1	1.020	4834	235	1.04
5	I42789	IA537STD-10	25-Jun-21	19:26:39	6.745	63598.234	65785.844	9.749	97.5	1.034	1598	308	1.04
6	I42790	IA537STD-25	25-Jun-21	19:43:14	6.735	66333.828	157728.188	22.410	89.6	0.951	12563	801	0.97
7	I42791	IA537STD-50	25-Jun-21	19:59:48	6.735	62021.500	317867.688	48.303	96.6	1.025	18733	2605	0.96
8	I42792	IA537STD-100	25-Jun-21	20:16:21	6.735	61755.355	602625.625	91.968	92.0	0.976	16100	2727	0.96
9	I42793	IA537STD-250	25-Jun-21	20:32:55	6.731	48768.344	1359090.750	262.649	105.1	1.115	49327	8392	0.96

Compound name: PFHxA
Coefficient of Determination: R^2 = 0.996112
Calibration curve: 1.06105 * x
Response type: Internal Std (Ref 11), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

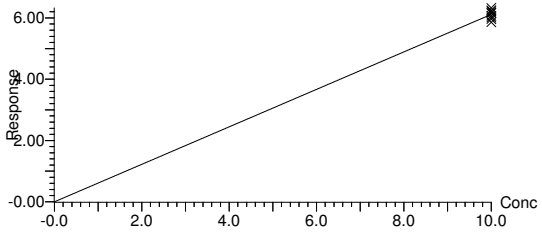
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M5PFHxA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	6.746	111073.586	69092.836	10.173	101.7	0.622	5800		0.97
2	I42786	IA537STD-1	25-Jun-21	18:36:58	6.741	118228.344	71767.094	9.927	99.3	0.607	5247		1.03
3	I42787	IA537STD-2	25-Jun-21	18:53:32	6.737	112389.805	71122.000	10.349	103.5	0.633	2471		0.99
4	I42788	IA537STD-5	25-Jun-21	19:10:06	6.741	110228.664	68872.398	10.218	102.2	0.625	3257		1.00
5	I42789	IA537STD-10	25-Jun-21	19:26:39	6.746	103278.344	63598.234	10.071	100.7	0.616	1348		1.00
6	I42790	IA537STD-25	25-Jun-21	19:43:14	6.737	110312.555	66333.828	9.834	98.3	0.601	5301		0.93
7	I42791	IA537STD-50	25-Jun-21	19:59:48	6.732	105813.898	62021.500	9.586	95.9	0.586	12582		1.00
8	I42792	IA537STD-100	25-Jun-21	20:16:21	6.732	100008.320	61755.355	10.099	101.0	0.618	6891		1.01
9	I42793	IA537STD-250	25-Jun-21	20:32:55	6.732	81871.438	48768.344	9.742	97.4	0.596	4460		0.93

Compound name: M5PFHxA
Response Factor: 0.611458
RRF SD: 0.0150611, % Relative SD: 2.46314
Response type: Internal Std (Ref 23), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

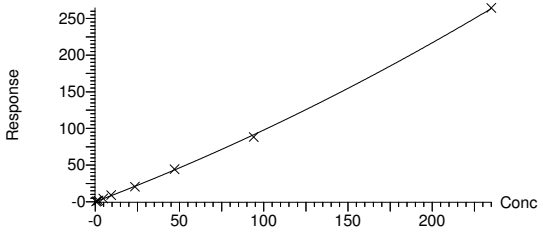
Quantify Compound Summary Report **MassLynx V4.2 SCN977**

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFPeS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	7.075	15614.954	611.768	0.448	95.4	0.834	551	69	0.89
2	I42786	IA537STD-1	25-Jun-21	18:36:58	7.075	15923.893	1441.627	1.035	110.1	0.963	221	167	0.92
3	I42787	IA537STD-2	25-Jun-21	18:53:32	7.067	15851.401	2803.457	2.020	107.4	0.941	564	448	0.97
4	I42788	IA537STD-5	25-Jun-21	19:10:06	7.071	15344.866	6810.514	5.050	107.4	0.944	1405	913	0.98
5	I42789	IA537STD-10	25-Jun-21	19:26:39	7.075	14276.569	13139.021	10.404	110.7	0.979	2154	771	1.03
6	I42790	IA537STD-25	25-Jun-21	19:43:14	7.067	14892.317	30663.672	22.935	97.6	0.876	4779	1857	0.93
7	I42791	IA537STD-50	25-Jun-21	19:59:48	7.063	13709.874	61044.855	48.170	102.5	0.947	5062	2730	1.00
8	I42792	IA537STD-100	25-Jun-21	20:16:21	7.063	13095.640	115817.977	91.204	97.0	0.941	8676	3683	0.95
9	I42793	IA537STD-250	25-Jun-21	20:32:55	7.059	9182.548	242835.391	235.713	100.3	1.125	9895	10543	0.95

Compound name: PFPeS
Coefficient of Determination: R^2 = 0.999407
Calibration curve: 0.00105348 * x^2 + 0.873611 * x
Response type: Internal Std (Ref 18), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

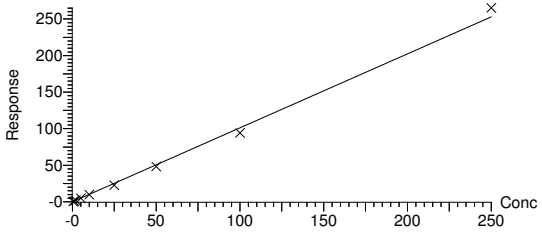
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFHpA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	8.025	104333.477	5086.468	0.482	96.4	0.975	1223	183	1.04
2	I42786	IA537STD-1	25-Jun-21	18:36:58	8.023	108293.328	10877.809	0.993	99.3	1.004	1556	71	1.15
3	I42787	IA537STD-2	25-Jun-21	18:53:32	8.021	107150.211	20255.795	1.868	93.4	0.945	3188	489	1.09
4	I42788	IA537STD-5	25-Jun-21	19:10:06	8.027	102990.773	50076.461	4.806	96.1	0.972	6695	1382	1.01
5	I42789	IA537STD-10	25-Jun-21	19:26:39	8.027	96549.680	94619.734	9.686	96.9	0.980	7212	1295	1.06
6	I42790	IA537STD-25	25-Jun-21	19:43:14	8.019	98716.922	224895.484	22.516	90.1	0.911	13304	3514	1.06
7	I42791	IA537STD-50	25-Jun-21	19:59:48	8.017	92801.453	449167.406	47.837	95.7	0.968	18775	5539	1.07
8	I42792	IA537STD-100	25-Jun-21	20:16:21	8.012	90321.172	851280.500	93.151	93.2	0.943	37541	13668	1.13
9	I42793	IA537STD-250	25-Jun-21	20:32:55	8.017	69738.391	1849842.625	262.162	104.9	1.061	38005	18596	1.08

Compound name: PFHpA
Coefficient of Determination: R^2 = 0.996645
Calibration curve: 1.0118 * x
Response type: Internal Std (Ref 14), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

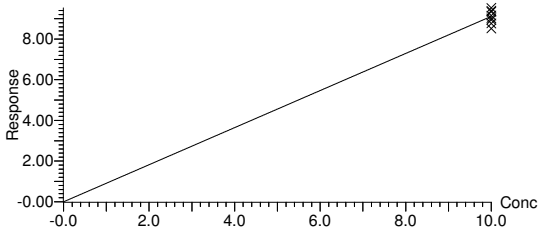
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M4PFHpA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	8.025	111073.586	104333.477	10.304	103.0	0.939	5474		1.06
2	I42786	IA537STD-1	25-Jun-21	18:36:58	8.023	118228.344	108293.328	10.048	100.5	0.916	7325		1.10
3	I42787	IA537STD-2	25-Jun-21	18:53:32	8.021	112389.805	107150.211	10.458	104.6	0.953	10525		1.06
4	I42788	IA537STD-5	25-Jun-21	19:10:06	8.025	110228.664	102990.773	10.249	102.5	0.934	11261		1.05
5	I42789	IA537STD-10	25-Jun-21	19:26:39	8.025	103278.344	96549.680	10.255	102.5	0.935	7401		1.12
6	I42790	IA537STD-25	25-Jun-21	19:43:14	8.019	110312.555	98716.922	9.816	98.2	0.895	8711		1.04
7	I42791	IA537STD-50	25-Jun-21	19:59:48	8.015	105813.898	92801.453	9.620	96.2	0.877	5712		1.10
8	I42792	IA537STD-100	25-Jun-21	20:16:21	8.012	100008.320	90321.172	9.907	99.1	0.903	11666		1.12
9	I42793	IA537STD-250	25-Jun-21	20:32:55	8.015	81871.438	69738.391	9.344	93.4	0.852	5249		1.11

Compound name: M4PFHpA
Response Factor: 0.911634
RRF SD: 0.0330011, % Relative SD: 3.61999
Response type: Internal Std (Ref 23), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

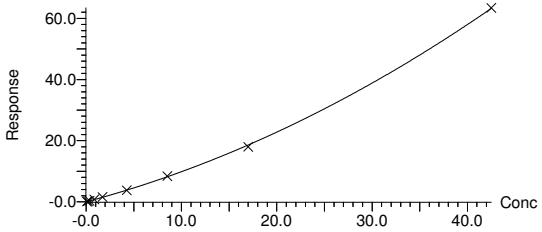
Client	: Soils Engineering Services, Inc.		Lab Number	: L2148526	
Project Name	: GROSSINGERS		Project Number	: 9313:11	
Instrument ID	: LCMS02		Ical Ref	: ICAL18098	
Calibration dates	: 06/25/21 18:20	06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: br-PFHxS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	7.956	15614.954	97.810	0.075	88.7	0.737	15	5	0.50
2	I42786	IA537STD-1	25-Jun-21	18:36:58	7.958	15923.893	250.435	0.189	111.1	0.925	20	5	0.50
3	I42787	IA537STD-2	25-Jun-21	18:53:32	7.956	15851.401	461.364	0.348	102.5	0.856	5	19	0.39
4	I42788	IA537STD-5	25-Jun-21	19:10:06	7.958	15344.866	1206.948	0.932	109.6	0.925	75	36	0.47
5	I42789	IA537STD-10	25-Jun-21	19:26:39	7.960	14276.569	2282.906	1.862	109.5	0.941	141	101	0.45
6	I42790	IA537STD-25	25-Jun-21	19:43:14	7.951	14892.317	5586.949	4.193	98.7	0.883	121	204	0.45
7	I42791	IA537STD-50	25-Jun-21	19:59:48	7.951	13709.874	11522.106	8.711	102.5	0.989	1050	301	0.41
8	I42792	IA537STD-100	25-Jun-21	20:16:21	7.949	13095.640	23558.871	16.559	97.4	1.058	1590	949	0.42
9	I42793	IA537STD-250	25-Jun-21	20:32:55	7.951	9182.548	58256.574	42.588	100.2	1.493	923	1184	0.42

Compound name: br-PFHxS
Coefficient of Determination: R^2 = 0.999607
Calibration curve: 0.0154938 * x^2 + 0.829815 * x
Response type: Internal Std (Ref 18), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

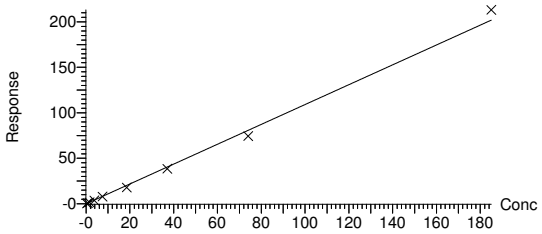
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: L-PFHxS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	8.194	15614.954	606.200	0.356	96.2	1.049	114	60	1.05
2	I42786	IA537STD-1	25-Jun-21	18:36:58	8.192	15923.893	1265.800	0.729	98.4	1.074	176	52	1.14
3	I42787	IA537STD-2	25-Jun-21	18:53:32	8.190	15851.401	2428.331	1.404	94.9	1.035	43	218	1.08
4	I42788	IA537STD-5	25-Jun-21	19:10:06	8.196	15344.866	5811.142	3.471	93.8	1.024	564	422	1.08
5	I42789	IA537STD-10	25-Jun-21	19:26:39	8.192	14276.569	11296.776	7.252	98.0	1.069	1145	1095	1.25
6	I42790	IA537STD-25	25-Jun-21	19:43:14	8.186	14892.317	26533.008	16.329	88.3	0.963	945	2242	1.13
7	I42791	IA537STD-50	25-Jun-21	19:59:48	8.181	13709.874	52627.758	35.181	95.1	1.037	7628	2910	1.18
8	I42792	IA537STD-100	25-Jun-21	20:16:21	8.181	13095.640	97342.688	68.125	92.1	1.004	10038	7825	1.10
9	I42793	IA537STD-250	25-Jun-21	20:32:55	8.181	9182.548	195719.125	195.344	105.6	1.152	4556	8020	1.22

Compound name: L-PFHxS
Coefficient of Determination: R^2 = 0.995527
Calibration curve: 1.09111 * x
Response type: Internal Std (Ref 18), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

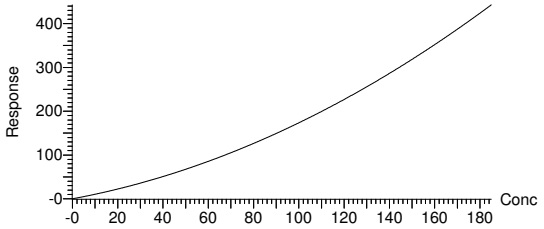
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFHxS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	ng/mL	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24		15614.954	704.010	0.431					
2	I42786	IA537STD-1	25-Jun-21	18:36:58		15923.893	1516.235	0.917					
3	I42787	IA537STD-2	25-Jun-21	18:53:32		15851.401	2889.695	1.752					
4	I42788	IA537STD-5	25-Jun-21	19:10:06		15344.866	7018.090	4.402					
5	I42789	IA537STD-10	25-Jun-21	19:26:39		14276.569	13579.682	9.114					
6	I42790	IA537STD-25	25-Jun-21	19:43:14		14892.317	32119.957	20.522					
7	I42791	IA537STD-50	25-Jun-21	19:59:48		13709.874	64149.864	43.892					
8	I42792	IA537STD-100	25-Jun-21	20:16:21		13095.640	120901.559	84.684					
9	I42793	IA537STD-250	25-Jun-21	20:32:55		9182.548	253975.699	237.932					

Compound name: PFHxS
Coefficient of Determination: 0.000000
Calibration curve: 0.960465 * x
Response type: Internal Std (Ref 18), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

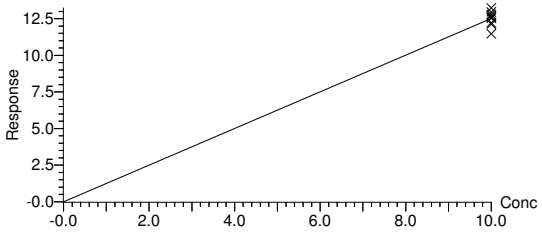
Client	: Soils Engineering Services, Inc.	Lab Number	: L2148526
Project Name	: GROSSINGERS	Project Number	: 9313:11
Instrument ID	: LCMS02	Ical Ref	: ICAL18098
Calibration dates	: 06/25/21 18:20 06/25/21 20:32		

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M3PFHxS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	8.194	12049.551	15614.954	10.357	103.6	1.296	2493		1.01
2	I42786	IA537STD-1	25-Jun-21	18:36:58	8.190	12436.962	15923.893	10.233	102.3	1.280	4048		1.16
3	I42787	IA537STD-2	25-Jun-21	18:53:32	8.190	11973.752	15851.401	10.581	105.8	1.324	1240		1.04
4	I42788	IA537STD-5	25-Jun-21	19:10:06	8.194	12188.990	15344.866	10.062	100.6	1.259	4313		1.12
5	I42789	IA537STD-10	25-Jun-21	19:26:39	8.192	11257.388	14276.569	10.136	101.4	1.268	3665		1.17
6	I42790	IA537STD-25	25-Jun-21	19:43:14	8.186	12191.913	14892.317	9.763	97.6	1.221	871		1.07
7	I42791	IA537STD-50	25-Jun-21	19:59:48	8.182	11312.826	13709.874	9.686	96.9	1.212	5474		1.14
8	I42792	IA537STD-100	25-Jun-21	20:16:21	8.179	10453.800	13095.640	10.012	100.1	1.253	1917		1.10
9	I42793	IA537STD-250	25-Jun-21	20:32:55	8.182	8001.944	9182.548	9.171	91.7	1.148	892		1.16

Compound name: M3PFHxS
Response Factor: 1.25121
RRF SD: 0.0520216, % Relative SD: 4.15772
Response type: Internal Std (Ref 32), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

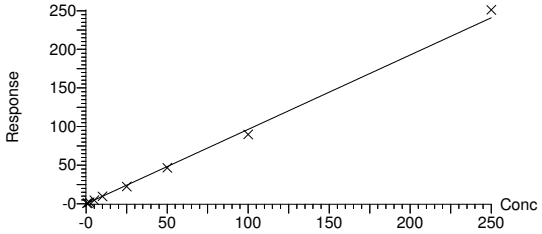
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: br-PFOA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	ng/mL	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24		117048.922							
2	I42786	IA537STD-1	25-Jun-21	18:36:58		120009.203							
3	I42787	IA537STD-2	25-Jun-21	18:53:32		118134.039							
4	I42788	IA537STD-5	25-Jun-21	19:10:06		114318.727							
5	I42789	IA537STD-10	25-Jun-21	19:26:39		105604.391							
6	I42790	IA537STD-25	25-Jun-21	19:43:14		109396.984							
7	I42791	IA537STD-50	25-Jun-21	19:59:48		103999.078							
8	I42792	IA537STD-100	25-Jun-21	20:16:21		101645.789						3	
9	I42793	IA537STD-250	25-Jun-21	20:32:55		79135.219							

Compound name: L-PFOA
Coefficient of Determination: R^2 = 0.997360
Calibration curve: 0.963664 * x
Response type: Internal Std (Ref 22), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

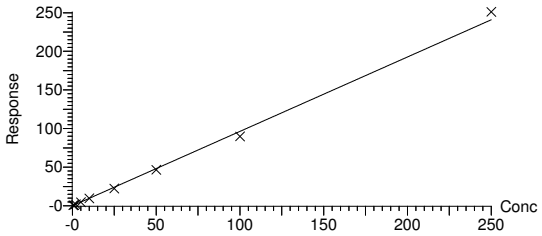
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: L-PFOA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	8.971	117048.922	5750.773	0.510	102.0	0.983	635	91	1.17
2	I42786	IA537STD-1	25-Jun-21	18:36:58	8.968	120009.203	12153.361	1.051	105.1	1.013	1235	179	1.16
3	I42787	IA537STD-2	25-Jun-21	18:53:32	8.968	118134.039	22186.348	1.949	97.4	0.939	2586	550	1.03
4	I42788	IA537STD-5	25-Jun-21	19:10:06	8.979	114318.727	53669.793	4.872	97.4	0.939	4288	761	1.11
5	I42789	IA537STD-10	25-Jun-21	19:26:39	8.975	105604.391	100361.336	9.862	98.6	0.950	6767	1988	1.14
6	I42790	IA537STD-25	25-Jun-21	19:43:14	8.960	109396.984	244078.813	23.153	92.6	0.892	16217	2806	1.08
7	I42791	IA537STD-50	25-Jun-21	19:59:48	8.956	103999.078	484990.219	48.392	96.8	0.933	20491	8010	1.13
8	I42792	IA537STD-100	25-Jun-21	20:16:21	8.956	101645.789	912100.938	93.117	93.1	0.897	41548	6481	1.08
9	I42793	IA537STD-250	25-Jun-21	20:32:55	8.960	79135.219	1987289.750	260.595	104.2	1.005	63804	8741	1.13

Compound name: L-PFOA
Coefficient of Determination: R^2 = 0.997360
Calibration curve: 0.963664 * x
Response type: Internal Std (Ref 22), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

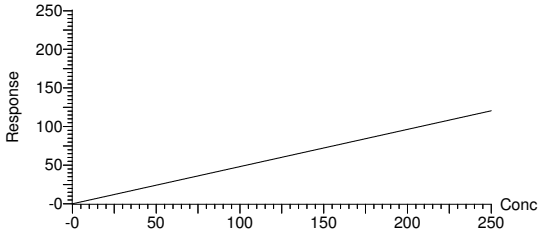
Client	: Soils Engineering Services, Inc.	Lab Number	: L2148526
Project Name	: GROSSINGERS	Project Number	: 9313:11
Instrument ID	: LCMS02	Ical Ref	: ICAL18098
Calibration dates	: 06/25/21 18:20 06/25/21 20:32		

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFOA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	ng/mL	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24		117048.922	5750.773	0.510					
2	I42786	IA537STD-1	25-Jun-21	18:36:58		120009.203	12153.361	1.051					
3	I42787	IA537STD-2	25-Jun-21	18:53:32		118134.039	22186.348	1.949					
4	I42788	IA537STD-5	25-Jun-21	19:10:06		114318.727	53669.793	4.872					
5	I42789	IA537STD-10	25-Jun-21	19:26:39		105604.391	100361.336	9.862					
6	I42790	IA537STD-25	25-Jun-21	19:43:14		109396.984	244078.813	23.153					
7	I42791	IA537STD-50	25-Jun-21	19:59:48		103999.078	484990.219	48.392					
8	I42792	IA537STD-100	25-Jun-21	20:16:21		101645.789	912100.938	93.117					
9	I42793	IA537STD-250	25-Jun-21	20:32:55		79135.219	1987289.750	260.595					

Compound name: PFOA
Coefficient of Determination: 0.000000
Calibration curve: 0.481832 * x
Response type: Internal Std (Ref 22), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

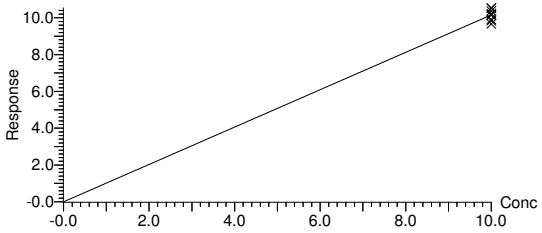
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M8PFOA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	8.972	111073.586	117048.922	10.380	103.8	1.054	6206		1.07
2	I42786	IA537STD-1	25-Jun-21	18:36:58	8.968	118228.344	120009.203	9.998	100.0	1.015	6715		1.07
3	I42787	IA537STD-2	25-Jun-21	18:53:32	8.965	112389.805	118134.039	10.353	103.5	1.051	9040		1.09
4	I42788	IA537STD-5	25-Jun-21	19:10:06	8.980	110228.664	114318.727	10.215	102.2	1.037	12253		1.04
5	I42789	IA537STD-10	25-Jun-21	19:26:39	8.976	103278.344	105604.391	10.072	100.7	1.023	10906		1.06
6	I42790	IA537STD-25	25-Jun-21	19:43:14	8.961	110312.555	109396.984	9.768	97.7	0.992	8224		1.04
7	I42791	IA537STD-50	25-Jun-21	19:59:48	8.957	105813.898	103999.078	9.681	96.8	0.983	4323		1.05
8	I42792	IA537STD-100	25-Jun-21	20:16:21	8.953	100008.320	101645.789	10.011	100.1	1.016	18727		1.13
9	I42793	IA537STD-250	25-Jun-21	20:32:55	8.961	81871.438	79135.219	9.521	95.2	0.967	14971		1.06

Compound name: M8PFOA
Response Factor: 1.01523
RRF SD: 0.0301597, % Relative SD: 2.97072
Response type: Internal Std (Ref 23), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

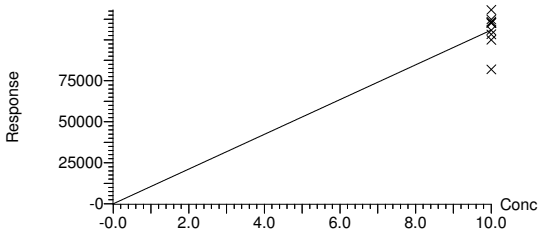
Client	: Soils Engineering Services, Inc.	Lab Number	: L2148526
Project Name	: GROSSINGERS	Project Number	: 9313:11
Instrument ID	: LCMS02	Ical Ref	: ICAL18098
Calibration dates	: 06/25/21 18:20 06/25/21 20:32		

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M2PFOA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	ng/mL	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	8.972		111073.586	10.487	104.9	11107.359	9263		1.13
2	I42786	IA537STD-1	25-Jun-21	18:36:58	8.968		118228.344	11.163	111.6	11822.834	8857		1.14
3	I42787	IA537STD-2	25-Jun-21	18:53:32	8.968		112389.805	10.612	106.1	11238.981	5225		1.04
4	I42788	IA537STD-5	25-Jun-21	19:10:06	8.979		110228.664	10.408	104.1	11022.866	8549		1.09
5	I42789	IA537STD-10	25-Jun-21	19:26:39	8.976		103278.344	9.751	97.5	10327.834	11787		1.12
6	I42790	IA537STD-25	25-Jun-21	19:43:14	8.960		110312.555	10.416	104.2	11031.255	6623		1.07
7	I42791	IA537STD-50	25-Jun-21	19:59:48	8.956		105813.898	9.991	99.9	10581.390	7362		1.09
8	I42792	IA537STD-100	25-Jun-21	20:16:21	8.956		100008.320	9.443	94.4	10000.832	7090		1.07
9	I42793	IA537STD-250	25-Jun-21	20:32:55	8.960		81871.438	7.730	77.3	8187.144	6763		1.11

Compound name: M2PFOA
Response Factor: 10591.2
RRF SD: 1047.64, % Relative SD: 9.89166
Response type: External Std, Area
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

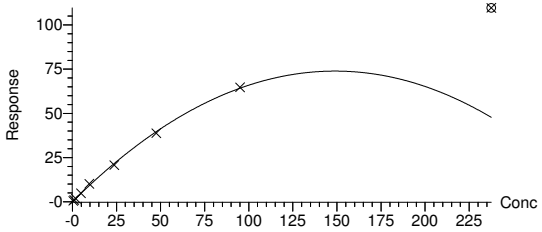
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: 6:2FTS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	8.935	5065.368	244.469	0.487	102.5	1.016	5673	54	1.00
2	I42786	IA537STD-1	25-Jun-21	18:36:58	8.931	4910.231	507.770	1.045	110.0	1.089	10777	25	1.06
3	I42787	IA537STD-2	25-Jun-21	18:53:32	8.927	5237.483	905.793	1.752	92.2	0.910	413	5248	1.11
4	I42788	IA537STD-5	25-Jun-21	19:10:06	8.938	4950.828	2405.176	4.977	104.8	1.023	305	12619	1.05
5	I42789	IA537STD-10	25-Jun-21	19:26:39	8.934	4655.965	4742.821	10.641	112.0	1.072	715	640	1.11
6	I42790	IA537STD-25	25-Jun-21	19:43:14	8.919	5135.331	10666.064	22.642	95.3	0.875	1010	387	1.13
7	I42791	IA537STD-50	25-Jun-21	19:59:48	8.915	5712.093	22157.408	46.256	97.4	0.817	4715	1103	1.16
8	I42792	IA537STD-100	25-Jun-21	20:16:21	8.915	6614.043	42839.574	96.526	101.6	0.682	3393	1789	1.10
9	I42793	IA537STD-250	25-Jun-21	20:32:55	8.919	8562.500	93903.438			0.462	9377	3875	1.11

Compound name: 6:2FTS
Coefficient of Determination: R^2 = 0.997963
Calibration curve: -0.00333368 * x^2 + 0.992804 * x
Response type: Internal Std (Ref 25), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

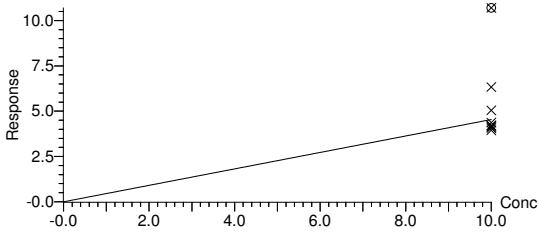
Client	: Soils Engineering Services, Inc.		Lab Number	: L2148526	
Project Name	: GROSSINGERS		Project Number	: 9313:11	
Instrument ID	: LCMS02		Ical Ref	: ICAL18098	
Calibration dates	: 06/25/21 18:20	06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M2-6:2FTS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	8.935	12049.551	5065.368	9.262	92.6	0.420	987		1.01
2	I42786	IA537STD-1	25-Jun-21	18:36:58	8.927	12436.962	4910.231	8.698	87.0	0.395	402		1.14
3	I42787	IA537STD-2	25-Jun-21	18:53:32	8.927	11973.752	5237.483	9.637	96.4	0.437	1437		1.07
4	I42788	IA537STD-5	25-Jun-21	19:10:06	8.939	12188.990	4950.828	8.949	89.5	0.406	788		1.07
5	I42789	IA537STD-10	25-Jun-21	19:26:39	8.935	11257.388	4655.965	9.112	91.1	0.414	4142		1.12
6	I42790	IA537STD-25	25-Jun-21	19:43:14	8.920	12191.913	5135.331	9.280	92.8	0.421	1796		1.14
7	I42791	IA537STD-50	25-Jun-21	19:59:48	8.916	11312.826	5712.093	11.124	111.2	0.505	826		1.10
8	I42792	IA537STD-100	25-Jun-21	20:16:21	8.916	10453.800	6614.043	13.939	139.4	0.633	1884		1.08
9	I42793	IA537STD-250	25-Jun-21	20:32:55	8.920	8001.944	8562.500	23.575	235.7	1.070	880		1.12

Compound name: M2-6:2FTS
Response Factor: 0.453898
RRF SD: 0.0796678, % Relative SD: 17.5519
Response type: Internal Std (Ref 32), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

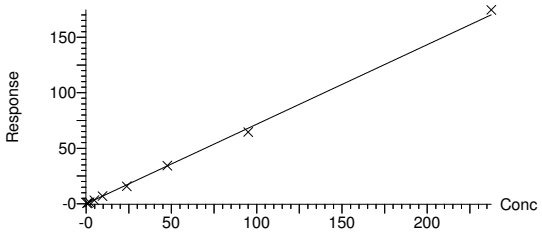
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFHpS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	9.069	13683.243	459.649	0.469	98.7	0.707	9336	186	1.12
2	I42786	IA537STD-1	25-Jun-21	18:36:58	9.069	14170.416	999.035	0.984	103.6	0.742	477	240	1.01
3	I42787	IA537STD-2	25-Jun-21	18:53:32	9.065	13979.718	1797.206	1.794	94.4	0.677	36673	197	0.97
4	I42788	IA537STD-5	25-Jun-21	19:10:06	9.077	13761.020	4491.080	4.555	95.9	0.687	994	338	1.08
5	I42789	IA537STD-10	25-Jun-21	19:26:39	9.073	12706.000	8693.948	9.551	100.5	0.720	1600	885	1.10
6	I42790	IA537STD-25	25-Jun-21	19:43:14	9.058	13242.184	20906.936	22.037	92.8	0.665	3025	7762	1.06
7	I42791	IA537STD-50	25-Jun-21	19:59:48	9.054	12124.383	41676.914	47.980	101.0	0.724	9934	3482	1.09
8	I42792	IA537STD-100	25-Jun-21	20:16:21	9.054	11908.705	76993.695	90.243	95.0	0.681	9453	19228	1.06
9	I42793	IA537STD-250	25-Jun-21	20:32:55	9.058	8703.244	151962.359	243.712	102.6	0.735	15852	10682	1.09

Compound name: PFHpS
Coefficient of Determination: R^2 = 0.998648
Calibration curve: 0.716437 * x
Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

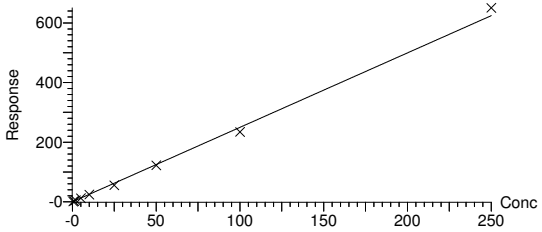
Client	: Soils Engineering Services, Inc.	Lab Number	: L2148526
Project Name	: GROSSINGERS	Project Number	: 9313:11
Instrument ID	: LCMS02	Ical Ref	: ICAL18098
Calibration dates	: 06/25/21 18:20 06/25/21 20:32		

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFNA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	9.735	34202.035	4109.642	0.481	96.2	2.403	556	55	1.02
2	I42786	IA537STD-1	25-Jun-21	18:36:58	9.728	35439.203	8675.071	0.980	98.0	2.448	1451	376	1.02
3	I42787	IA537STD-2	25-Jun-21	18:53:32	9.724	34813.086	16261.913	1.870	93.5	2.336	2694	2132	1.00
4	I42788	IA537STD-5	25-Jun-21	19:10:06	9.739	32891.797	40270.457	4.901	98.0	2.449	4076	2432	1.11
5	I42789	IA537STD-10	25-Jun-21	19:26:39	9.733	30742.088	75479.609	9.829	98.3	2.455	4897	2041	1.05
6	I42790	IA537STD-25	25-Jun-21	19:43:14	9.722	31982.266	178886.375	22.392	89.6	2.237	12831	2721	0.99
7	I42791	IA537STD-50	25-Jun-21	19:59:48	9.718	29163.150	355761.281	48.837	97.7	2.440	26325	6958	1.00
8	I42792	IA537STD-100	25-Jun-21	20:16:21	9.720	28294.178	662653.563	93.759	93.8	2.342	10767	8795	1.00
9	I42793	IA537STD-250	25-Jun-21	20:32:55	9.720	21506.293	1399159.250	260.450	104.2	2.602	80246	20754	1.02

Compound name: PFNA
Coefficient of Determination: R^2 = 0.997319
Calibration curve: 2.49791 * x
Response type: Internal Std (Ref 28), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

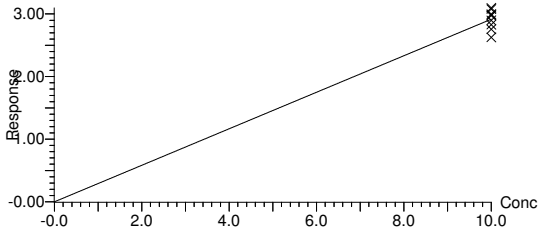
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M9PFNA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	9.733	111073.586	34202.035	10.559	105.6	0.308	236		1.14
2	I42786	IA537STD-1	25-Jun-21	18:36:58	9.726	118228.344	35439.203	10.279	102.8	0.300	1635		1.13
3	I42787	IA537STD-2	25-Jun-21	18:53:32	9.722	112389.805	34813.086	10.622	106.2	0.310	2634		1.05
4	I42788	IA537STD-5	25-Jun-21	19:10:06	9.739	110228.664	32891.797	10.232	102.3	0.298	2680		1.07
5	I42789	IA537STD-10	25-Jun-21	19:26:39	9.731	103278.344	30742.088	10.207	102.1	0.298	1590		1.14
6	I42790	IA537STD-25	25-Jun-21	19:43:14	9.720	110312.555	31982.266	9.942	99.4	0.290	3752		1.03
7	I42791	IA537STD-50	25-Jun-21	19:59:48	9.716	105813.898	29163.150	9.451	94.5	0.276	4085		1.07
8	I42792	IA537STD-100	25-Jun-21	20:16:21	9.718	100008.320	28294.178	9.701	97.0	0.283	1871		1.09
9	I42793	IA537STD-250	25-Jun-21	20:32:55	9.718	81871.438	21506.293	9.008	90.1	0.263	3534		1.05

Compound name: M9PFNA
Response Factor: 0.291624
RRF SD: 0.0154735, % Relative SD: 5.30595
Response type: Internal Std (Ref 23), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

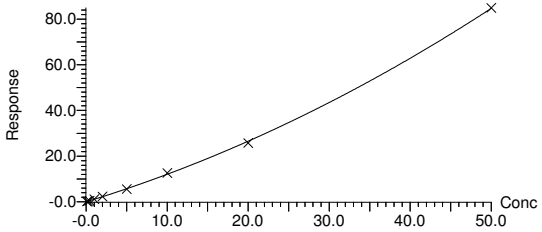
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: br-PFOS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	9.591	13683.243	131.361	0.089	88.6	0.960	10	9	0.64
2	I42786	IA537STD-1	25-Jun-21	18:36:58	9.601	14170.416	293.721	0.191	95.5	1.036	20	7	0.34
3	I42787	IA537STD-2	25-Jun-21	18:53:32	9.594	13979.718	623.385	0.410	102.5	1.115	23	19	0.37
4	I42788	IA537STD-5	25-Jun-21	19:10:06	9.608	13761.020	1596.691	1.059	105.9	1.160	17	36	0.43
5	I42789	IA537STD-10	25-Jun-21	19:26:39	9.604	12706.000	2968.046	2.108	105.4	1.168	199	46	0.39
6	I42790	IA537STD-25	25-Jun-21	19:43:14	9.591	13242.184	7354.622	4.863	97.3	1.111	220	105	0.39
7	I42791	IA537STD-50	25-Jun-21	19:59:48	9.587	12124.383	15331.979	10.448	104.5	1.265	852	166	0.40
8	I42792	IA537STD-100	25-Jun-21	20:16:21	9.587	11908.705	30614.676	19.467	97.3	1.285	1034	547	0.40
9	I42793	IA537STD-250	25-Jun-21	20:32:55	9.587	8703.244	73906.328	50.097	100.2	1.698	2766	321	0.40

Compound name: br-PFOS
Coefficient of Determination: R^2 = 0.999542
Calibration curve: 0.0122269 * x^2 + 1.08254 * x
Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

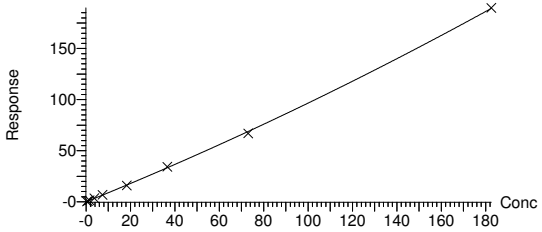
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: L-PFOS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	9.789	13683.243	434.108	0.360	98.7	0.869	77	89	1.17
2	I42786	IA537STD-1	25-Jun-21	18:36:58	9.783	14170.416	949.522	0.761	104.2	0.918	112	81	1.25
3	I42787	IA537STD-2	25-Jun-21	18:53:32	9.779	13979.718	1883.059	1.528	104.6	0.923	160	242	1.24
4	I42788	IA537STD-5	25-Jun-21	19:10:06	9.796	13761.020	4706.579	3.871	106.0	0.937	121	348	1.21
5	I42789	IA537STD-10	25-Jun-21	19:26:39	9.789	12706.000	8663.233	7.687	105.3	0.934	1341	528	1.09
6	I42790	IA537STD-25	25-Jun-21	19:43:14	9.776	13242.184	21186.035	17.863	97.9	0.877	1482	1020	1.18
7	I42791	IA537STD-50	25-Jun-21	19:59:48	9.772	12124.383	41579.559	37.580	103.0	0.940	5307	1503	1.20
8	I42792	IA537STD-100	25-Jun-21	20:16:21	9.776	11908.705	79784.016	71.168	97.5	0.918	6213	5019	1.15
9	I42793	IA537STD-250	25-Jun-21	20:32:55	9.774	8703.244	165170.141	182.960	100.3	1.040	13649	2568	1.24

Compound name: L-PFOS
Coefficient of Determination: R^2 = 0.999626
Calibration curve: 0.000857789 * x^2 + 0.880336 * x
Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

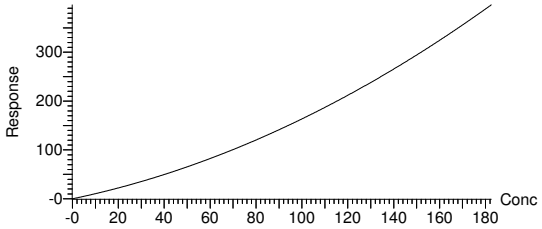
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFOS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	ng/mL	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24		13683.243	565.469	0.449					
2	I42786	IA537STD-1	25-Jun-21	18:36:58		14170.416	1243.243	0.952					
3	I42787	IA537STD-2	25-Jun-21	18:53:32		13979.718	2506.444	1.938					
4	I42788	IA537STD-5	25-Jun-21	19:10:06		13761.020	6303.270	4.930					
5	I42789	IA537STD-10	25-Jun-21	19:26:39		12706.000	11631.279	9.795					
6	I42790	IA537STD-25	25-Jun-21	19:43:14		13242.184	28540.657	22.726					
7	I42791	IA537STD-50	25-Jun-21	19:59:48		12124.383	56911.538	48.028					
8	I42792	IA537STD-100	25-Jun-21	20:16:21		11908.705	110398.692	90.635					
9	I42793	IA537STD-250	25-Jun-21	20:32:55		8703.244	239076.469	233.057					

Compound name: PFOS
Coefficient of Determination: 0.000000
Calibration curve: 0.981436 * x
Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

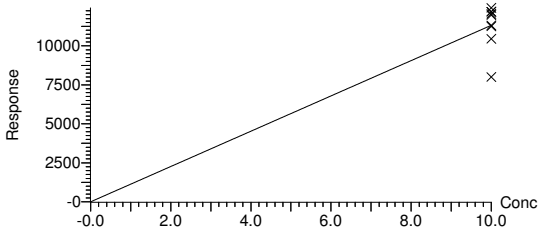
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M4PFOS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	9.790		12049.551	10.646	106.5	1204.955	2124		1.19
2	I42786	IA537STD-1	25-Jun-21	18:36:58	9.783		12436.962	10.988	109.9	1243.696	2402		1.17
3	I42787	IA537STD-2	25-Jun-21	18:53:32	9.779		11973.752	10.579	105.8	1197.375	3748		1.15
4	I42788	IA537STD-5	25-Jun-21	19:10:06	9.796		12188.990	10.769	107.7	1218.899	2119		1.10
5	I42789	IA537STD-10	25-Jun-21	19:26:39	9.787		11257.388	9.946	99.5	1125.739	564		1.13
6	I42790	IA537STD-25	25-Jun-21	19:43:14	9.777		12191.913	10.772	107.7	1219.191	2195		1.16
7	I42791	IA537STD-50	25-Jun-21	19:59:48	9.772		11312.826	9.995	99.9	1131.283	2954		1.15
8	I42792	IA537STD-100	25-Jun-21	20:16:21	9.774		10453.800	9.236	92.4	1045.380	1600		1.24
9	I42793	IA537STD-250	25-Jun-21	20:32:55	9.777		8001.944	7.070	70.7	800.194	4941		1.07

Compound name: M4PFOS
Response Factor: 1131.86
RRF SD: 139.133, % Relative SD: 12.2924
Response type: External Std, Area
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

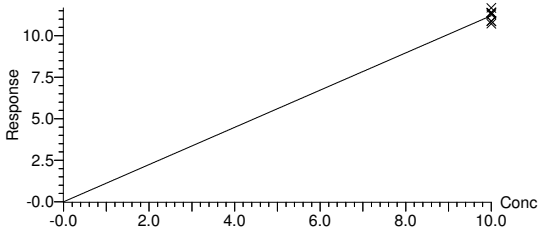
Client	: Soils Engineering Services, Inc.	Lab Number	: L2148526
Project Name	: GROSSINGERS	Project Number	: 9313:11
Instrument ID	: LCMS02	Ical Ref	: ICAL18098
Calibration dates	: 06/25/21 18:20 06/25/21 20:32		

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M8PFOS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	9.790	12049.551	13683.243	10.134	101.3	1.136	1509		1.15
2	I42786	IA537STD-1	25-Jun-21	18:36:58	9.783	12436.962	14170.416	10.168	101.7	1.139	1036		1.14
3	I42787	IA537STD-2	25-Jun-21	18:53:32	9.779	11973.752	13979.718	10.419	104.2	1.168	2779		1.14
4	I42788	IA537STD-5	25-Jun-21	19:10:06	9.794	12188.990	13761.020	10.075	100.8	1.129	3735		1.16
5	I42789	IA537STD-10	25-Jun-21	19:26:39	9.788	11257.388	12706.000	10.073	100.7	1.129	3023		1.12
6	I42790	IA537STD-25	25-Jun-21	19:43:14	9.777	12191.913	13242.184	9.693	96.9	1.086	551		1.12
7	I42791	IA537STD-50	25-Jun-21	19:59:48	9.773	11312.826	12124.383	9.564	95.6	1.072	2798		1.13
8	I42792	IA537STD-100	25-Jun-21	20:16:21	9.773	10453.800	11908.705	10.166	101.7	1.139	1096		1.30
9	I42793	IA537STD-250	25-Jun-21	20:32:55	9.773	8001.944	8703.244	9.706	97.1	1.088	1722		1.24

Compound name: M8PFOS
Response Factor: 1.12054
RRF SD: 0.031466, % Relative SD: 2.80811
Response type: Internal Std (Ref 32), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

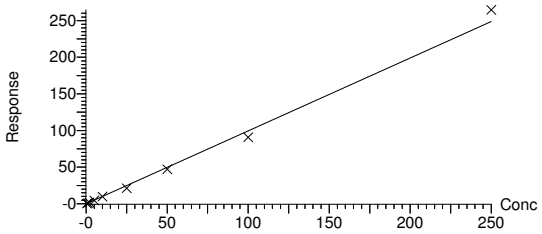
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.3...	79924.469	3605.147	0.453	90.7	0.902	447	15398	1.16
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.3...	79652.055	7789.491	0.983	98.3	0.978	1387	734	1.04
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.3...	80191.836	14172.461	1.776	88.8	0.884	4245	1897	1.10
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.3...	77473.820	35901.637	4.657	93.1	0.927	3304	470	1.13
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.3...	68504.797	66732.914	9.789	97.9	0.974	1738	1060	1.13
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.3...	71215.531	151683.688	21.404	85.6	0.852	4254	4926	1.09
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.3...	63326.383	297775.000	47.254	94.5	0.940	7184	6682	1.04
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.3...	62172.027	564153.250	91.188	91.2	0.907	34822	10617	1.02
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.3...	43854.309	1160781.000	265.995	106.4	1.059	25739	10884	1.04

Compound name: PFDA
Coefficient of Determination: R^2 = 0.994093
Calibration curve: 0.995094 * x
Response type: Internal Std (Ref 36), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

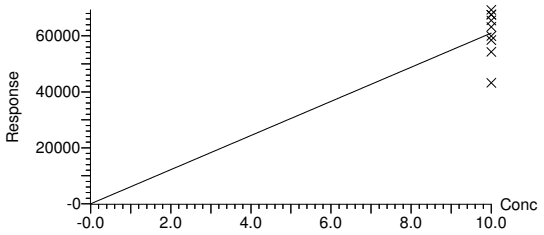
Client	: Soils Engineering Services, Inc.	Lab Number	: L2148526
Project Name	: GROSSINGERS	Project Number	: 9313:11
Instrument ID	: LCMS02	Ical Ref	: ICAL18098
Calibration dates	: 06/25/21 18:20 06/25/21 20:32		

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M2PFDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.3...		67547.492	11.073	110.7	6754.749	14807		1.04
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.3...		69293.984	11.359	113.6	6929.398	6426		1.06
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.3...		67588.117	11.080	110.8	6758.812	5396		1.10
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.3...		65536.602	10.743	107.4	6553.660	1273		1.11
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.3...		59909.973	9.821	98.2	5990.997	8138		1.09
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.3...		63236.020	10.366	103.7	6323.602	4814		1.06
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.3...		58447.609	9.581	95.8	5844.761	2951		1.02
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.3...		54255.980	8.894	88.9	5425.598	3772		1.12
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.3...		43199.742	7.082	70.8	4319.974	5980		1.03

Compound name: M2PFDA
Response Factor: 6100.17
RRF SD: 829.667, % Relative SD: 13.6007
Response type: External Std, Area
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

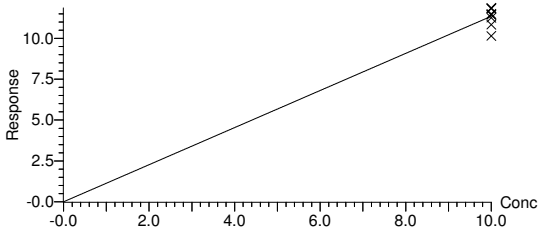
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M6PFDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.3...	67547.492	79924.469	10.424	104.2	1.183	6662		1.11
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.3...	69293.984	79652.055	10.127	101.3	1.149	2521		1.15
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.3...	67588.117	80191.836	10.453	104.5	1.186	6634		1.08
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.3...	65536.602	77473.820	10.415	104.1	1.182	10888		1.09
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.3...	59909.973	68504.797	10.074	100.7	1.143	6816		1.08
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.3...	63236.020	71215.531	9.922	99.2	1.126	5819		1.04
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.3...	58447.609	63326.383	9.546	95.5	1.083	5644		1.01
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.3...	54255.980	62172.027	10.096	101.0	1.146	2658		1.09
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.3...	43199.742	43854.309	8.944	89.4	1.015	2380		1.02

Compound name: M6PFDA
Response Factor: 1.13506
RRF SD: 0.0555603, % Relative SD: 4.89494
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

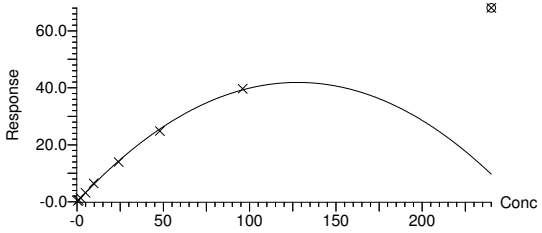
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: 8:2FTS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.3...	3925.273	106.662	0.415	86.5	0.566	15	7	1.88
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.3...	3878.385	231.603	0.914	95.3	0.622	64	4	1.03
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.3...	3835.543	534.472	2.144	111.7	0.726	64	2216	1.14
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.3...	3708.720	1176.766	4.937	102.8	0.661	204	5459	1.04
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.3...	3541.969	2311.956	10.381	108.1	0.680	58917	11458	1.04
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.3...	3753.307	5238.640	23.447	97.7	0.582	516	308	1.16
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.3...	3972.547	9868.733	46.282	96.4	0.518	643	449	1.16
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.3...	4532.261	17980.270	98.388	102.5	0.413	1243	450	1.14
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.3...	5270.703	35876.813			0.284	2782	954	1.21

Compound name: 8:2FTS
Coefficient of Determination: R^2 = 0.998596
Calibration curve: -0.0025629 * x^2 + 0.655376 * x
Response type: Internal Std (Ref 38), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

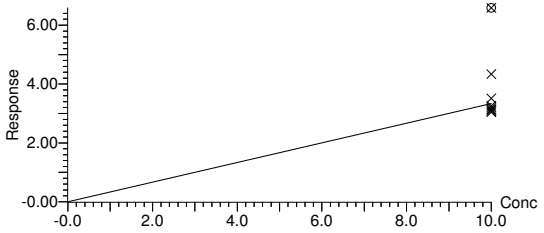
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M2-8:2FTS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.3...	12049.551	3925.273	9.763	97.6	0.326	89977		1.16
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.3...	12436.962	3878.385	9.346	93.5	0.312	1879		1.12
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.3...	11973.752	3835.543	9.600	96.0	0.320	325		1.12
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.3...	12188.990	3708.720	9.119	91.2	0.304	683		1.06
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.3...	11257.388	3541.969	9.429	94.3	0.315	421		1.05
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.3...	12191.913	3753.307	9.226	92.3	0.308	252		1.21
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.3...	11312.826	3972.547	10.524	105.2	0.351	683		1.19
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.3...	10453.800	4532.261	12.993	129.9	0.434	715		1.11
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.3...	8001.944	5270.703	19.740	197.4	0.659	193		1.01

Compound name: M2-8:2FTS
Response Factor: 0.333674
RRF SD: 0.0429157, % Relative SD: 12.8616
Response type: Internal Std (Ref 32), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

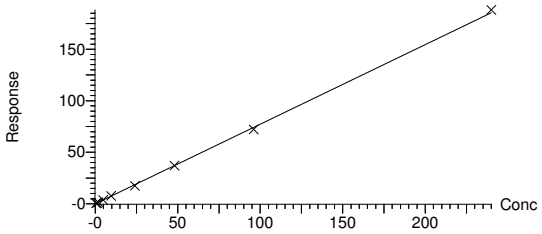
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFNS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.3...	13683.243	495.683	0.469	97.7	0.755	312	7460	1.37
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.3...	14170.416	1098.075	1.003	104.5	0.807	341	89	1.30
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.3...	13979.718	2045.322	1.894	98.6	0.762	455	158	1.19
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.3...	13761.020	5012.028	4.715	98.2	0.759	939	228	1.24
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.3...	12706.000	9750.897	9.934	103.5	0.799	3189	1083	1.21
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.3...	13242.184	23136.014	22.616	94.2	0.728	760	794	1.29
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.3...	12124.383	44891.246	47.928	99.9	0.771	1511	524	1.13
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.3...	11908.705	86062.797	93.550	97.4	0.753	8249	1585	1.26
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.3...	8703.244	163817.094	243.651	101.5	0.784	12140	11422	1.25

Compound name: PFNS
Coefficient of Determination: R^2 = 0.999474
Calibration curve: 0.772519 * x
Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

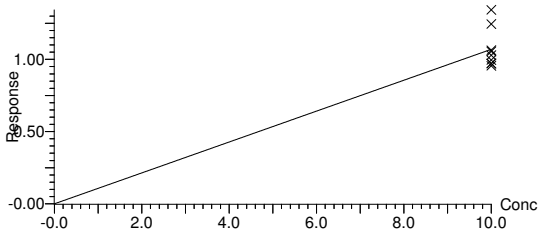
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: d3-NMeFOSAA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.7...	67547.492	6454.503	8.932	89.3	0.096	199		1.01
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.7...	69293.984	6727.265	9.075	90.7	0.097	818		1.04
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.7...	67588.117	6724.238	9.300	93.0	0.099	546		1.12
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.7...	65536.602	6968.504	9.939	99.4	0.106	740		1.09
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.7...	59909.973	6158.821	9.609	96.1	0.103	1270		1.00
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.7...	63236.020	6145.428	9.084	90.8	0.097	2438		1.15
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.7...	58447.609	6170.204	9.868	98.7	0.106	476		1.04
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.7...	54255.980	6755.718	11.639	116.4	0.125	354		1.07
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.7...	43199.742	5801.602	12.553	125.5	0.134	728		1.07

Compound name: d3-NMeFOSAA
Response Factor: 0.10698
RRF SD: 0.0134824, % Relative SD: 12.6027
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

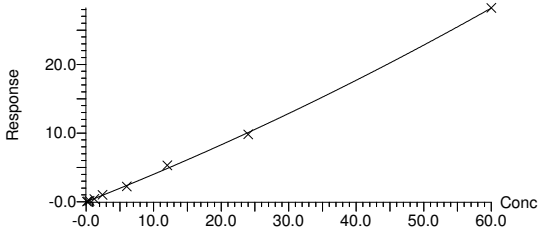
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: br-NMeFOSAA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.6...	6454.503	11.866	0.047	39.6	0.153	7	226	0.97
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.611	6727.265	44.039	0.169	70.4	0.273	5	1	1.04
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.611	6724.238	83.361	0.320	66.6	0.258	7	0	0.91
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.6...	6968.504	303.683	1.121	93.4	0.363	5285	34	0.47
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.6...	6158.821	618.896	2.572	107.2	0.419	17	24	0.45
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.6...	6145.428	1376.480	5.671	94.5	0.373	131	40	0.38
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.6...	6170.204	3275.380	13.100	109.2	0.442	269	169	0.38
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.6...	6755.718	6622.953	23.375	97.4	0.408	253	584	0.38
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.6...	5801.602	16379.358	60.058	100.1	0.471	616	241	0.40

Compound name: br-NMeFOSAA
Coefficient of Determination: R^2 = 0.997817
Calibration curve: 0.00138146 * x^2 + 0.387116 * x
Response type: Internal Std (Ref 40), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

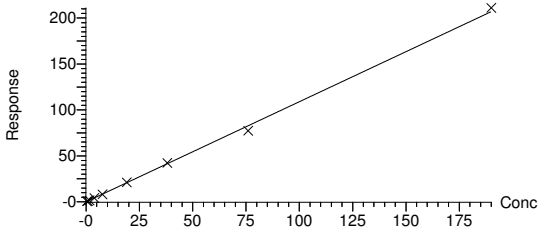
Client	: Soils Engineering Services, Inc.		Lab Number	: L2148526	
Project Name	: GROSSINGERS		Project Number	: 9313:11	
Instrument ID	: LCMS02		Ical Ref	: ICAL18098	
Calibration dates	: 06/25/21 18:20	06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: L-NMeFOSAA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.7...	6454.503	270.845	0.385	101.4	1.104	122	1384	1.15
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.7...	6727.265	605.985	0.827	108.8	1.185	66	3	0.98
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.7...	6724.238	1084.172	1.480	97.4	1.061	98	3	0.99
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.7...	6968.504	2874.452	3.786	99.6	1.086	56747	320	1.10
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.7...	6158.821	5040.815	7.513	98.9	1.077	161	187	0.99
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.7...	6145.428	13007.754	19.429	102.3	1.114	1537	257	1.01
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.7...	6170.204	26162.020	38.921	102.4	1.116	2597	1056	1.02
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.7...	6755.718	52213.566	70.945	93.3	1.017	2405	3653	1.09
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.7...	5801.602	122470.563	193.773	102.0	1.111	5597	1401	1.10

Compound name: L-NMeFOSAA
Coefficient of Determination: R^2 = 0.998596
Calibration curve: 1.08941 * x
Response type: Internal Std (Ref 40), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

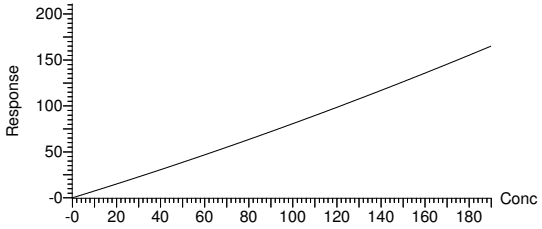
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: NMeFOSAA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24		6454.503	282.711	0.433					
2	I42786	IA537STD-1	25-Jun-21	18:36:58		6727.265	650.024	0.996					
3	I42787	IA537STD-2	25-Jun-21	18:53:32		6724.238	1167.533	1.800					
4	I42788	IA537STD-5	25-Jun-21	19:10:06		6968.504	3178.135	4.908					
5	I42789	IA537STD-10	25-Jun-21	19:26:39		6158.821	5659.711	10.085					
6	I42790	IA537STD-25	25-Jun-21	19:43:14		6145.428	14384.234	25.101					
7	I42791	IA537STD-50	25-Jun-21	19:59:48		6170.204	29437.400	52.021					
8	I42792	IA537STD-100	25-Jun-21	20:16:21		6755.718	58836.519	94.320					
9	I42793	IA537STD-250	25-Jun-21	20:32:55		5801.602	138849.921	253.832					

Compound name: NMeFOSAA
Coefficient of Determination: 0.000000
Calibration curve: 0.738261 * x
Response type: Internal Std (Ref 40), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

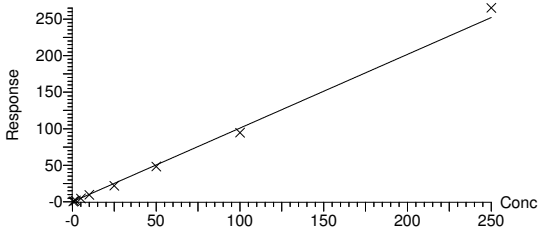
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFUnA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.8...	76090.648	3572.829	0.465	93.1	0.939	335	5585	1.10
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.8...	76785.906	6877.369	0.888	88.8	0.896	356	169	1.03
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.8...	80222.391	14313.150	1.769	88.4	0.892	1058	122	1.01
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.8...	73341.734	33939.934	4.588	91.8	0.926	2881	123	1.08
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.8...	65660.664	62085.160	9.374	93.7	0.946	1758	836	1.06
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.8...	66916.617	147100.984	21.793	87.2	0.879	7172	1596	1.08
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.8...	56071.520	270912.031	47.898	95.8	0.966	11863	2595	1.09
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.8...	53846.410	508632.875	93.644	93.6	0.945	6072	2023	1.07
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.8...	38025.676	1009106.625	263.082	105.2	1.062	18615	2460	1.13

Compound name: PFUnA
Coefficient of Determination: R^2 = 0.996012
Calibration curve: 1.00872 * x
Response type: Internal Std (Ref 45), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

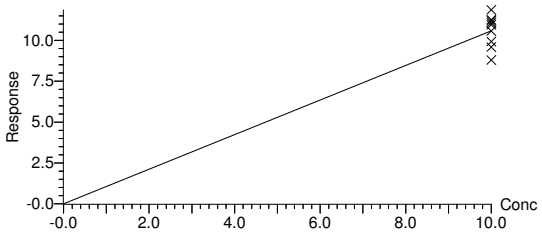
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M7-PFUDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.8...	67547.492	76090.648	10.642	106.4	1.126	2913		0.94
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.8...	69293.984	76785.906	10.468	104.7	1.108	4539		0.87
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.8...	67588.117	80222.391	11.213	112.1	1.187	7284		0.93
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.8...	65536.602	73341.734	10.572	105.7	1.119	6812		0.99
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.8...	59909.973	65660.664	10.354	103.5	1.096	5035		0.98
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.8...	63236.020	66916.617	9.997	100.0	1.058	5126		0.99
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.8...	58447.609	56071.520	9.063	90.6	0.959	961		0.99
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.8...	54255.980	53846.410	9.376	93.8	0.992	709		1.10
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.8...	43199.742	38025.676	8.316	83.2	0.880	1855		1.02

Compound name: M7-PFUDA
Response Factor: 1.05854
RRF SD: 0.0965846, % Relative SD: 9.12434
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

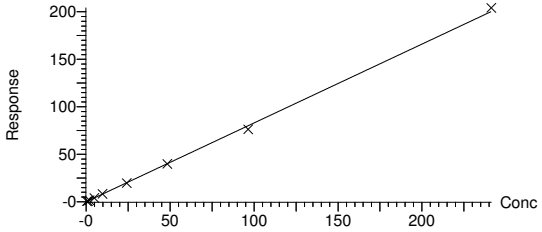
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFDS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.9...	13683.243	547.455	0.482	99.9	0.829	225	68	0.95
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.9...	14170.416	1151.406	0.979	101.4	0.842	260	48	1.10
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.9...	13979.718	2273.890	1.959	101.5	0.843	138	155	1.12
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.8...	13761.020	5720.959	5.008	103.8	0.862	557	408	1.08
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.9...	12706.000	10644.902	10.092	104.6	0.868	460	204	1.06
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.8...	13242.184	25997.361	23.650	98.0	0.814	378	1075	0.99
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.8...	12124.383	48261.738	47.952	99.4	0.825	975	1049	1.02
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.8...	11908.705	90876.945	91.928	95.3	0.791	4617	2136	0.99
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.8...	8703.244	177675.359	245.927	101.9	0.846	5215	1763	0.92

Compound name: PFDS
Coefficient of Determination: R^2 = 0.999151
Calibration curve: 0.830118 * x
Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

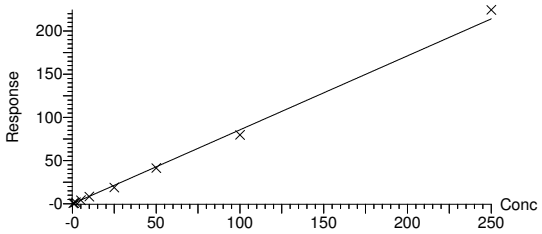
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: FOSA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.9...	40254.242	1780.814	0.517	103.3	0.885	695	1	1.43
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.9...	40751.004	3536.255	1.014	101.4	0.868	864	1	1.15
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.9...	41571.730	6795.874	1.909	95.5	0.817	1307	3	1.07
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.9...	40418.820	16896.797	4.883	97.7	0.836	2992	17	1.06
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.9...	37063.098	30501.354	9.613	96.1	0.823	4241	5	1.03
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.9...	39253.316	74130.430	22.059	88.2	0.755	5483	67	1.04
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.9...	35939.641	148919.859	48.399	96.8	0.829	2821	6	1.06
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.9...	34869.402	277525.875	92.965	93.0	0.796	2888	140	1.15
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.9...	26690.367	599006.688	262.142	104.9	0.898	19239	566	1.18

Compound name: FOSA
Coefficient of Determination: R^2 = 0.996461
Calibration curve: 0.856131 * x
Response type: Internal Std (Ref 48), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

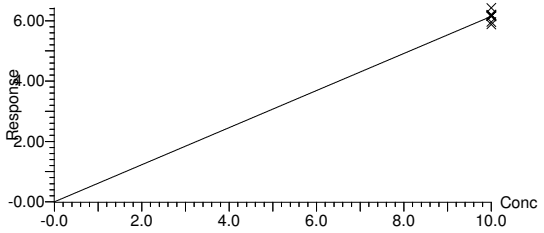
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M8FOSA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.9...	67547.492	40254.242	9.698	97.0	0.596	5098		1.11
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.9...	69293.984	40751.004	9.570	95.7	0.588	4106		1.07
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.9...	67588.117	41571.730	10.009	100.1	0.615	4113		1.04
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.9...	65536.602	40418.820	10.036	100.4	0.617	3649		1.09
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.9...	59909.973	37063.098	10.067	100.7	0.619	5643		1.09
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.9...	63236.020	39253.316	10.101	101.0	0.621	9155		1.09
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.9...	58447.609	35939.641	10.006	100.1	0.615	2923		1.11
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.9...	54255.980	34869.402	10.458	104.6	0.643	4617		1.09
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.9...	43199.742	26690.367	10.054	100.5	0.618	5245		1.22

Compound name: M8FOSA
Response Factor: 0.614517
RRF SD: 0.015448, % Relative SD: 2.51384
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

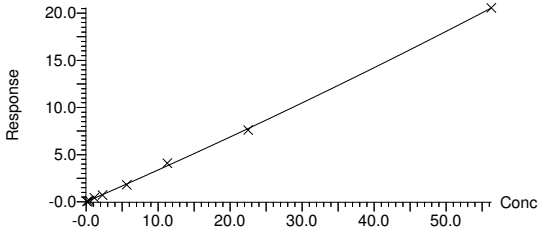
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: br-NEtFOSAA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.9...	5440.919	6.938	0.038	34.1	0.113	1	3	0.50
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.9...	5653.028	23.486	0.125	55.6	0.185	7	2	0.29
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.9...	5611.340	71.514	0.384	85.2	0.283	14	29	0.20
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.9...	5639.057	241.880	1.289	114.6	0.381	4	17	0.30
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.9...	5048.888	358.883	2.133	94.8	0.316	24	125	0.27
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.9...	5412.060	979.429	5.399	96.0	0.322	38	94	0.33
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.9...	5164.310	2118.469	12.095	107.5	0.365	117	58	0.32
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.9...	5407.669	4110.083	22.028	97.9	0.338	266	380	0.27
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.9...	4604.199	9468.212	56.294	100.1	0.366	536	194	0.28

Compound name: br-NEtFOSAA
Coefficient of Determination: R^2 = 0.997980
Calibration curve: 0.000591504 * x^2 + 0.332002 * x
Response type: Internal Std (Ref 52), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

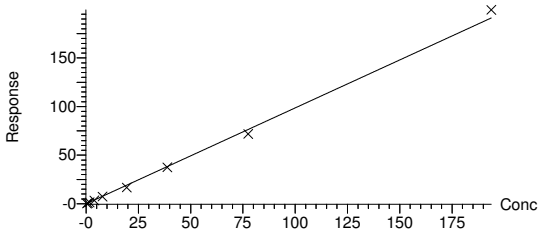
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: L-NEtFOSAA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.079	5440.919	193.366	0.360	93.0	0.917	38	17	0.76
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.071	5653.028	433.301	0.777	100.3	0.989	128	40	1.14
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.067	5611.340	810.152	1.463	94.4	0.931	214	236	1.10
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.056	5639.057	1969.687	3.541	91.4	0.901	39	130	1.13
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.071	5048.888	3691.560	7.411	95.6	0.943	297	935	1.01
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.064	5412.060	9140.418	17.119	88.4	0.872	571	816	1.03
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.056	5164.310	19402.119	38.082	98.3	0.970	1638	472	1.13
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.064	5407.669	38822.129	72.770	93.9	0.926	3703	3052	1.06
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.064	4604.199	91838.164	202.188	104.4	1.030	8528	1855	1.01

Compound name: L-NEtFOSAA
Coefficient of Determination: R^2 = 0.997028
Calibration curve: 0.986539 * x
Response type: Internal Std (Ref 52), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

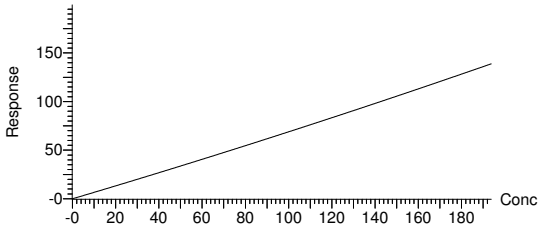
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: NEtFOSAA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24		5440.919	200.304	0.399					
2	I42786	IA537STD-1	25-Jun-21	18:36:58		5653.028	456.787	0.902					
3	I42787	IA537STD-2	25-Jun-21	18:53:32		5611.340	881.666	1.847					
4	I42788	IA537STD-5	25-Jun-21	19:10:06		5639.057	2211.567	4.830					
5	I42789	IA537STD-10	25-Jun-21	19:26:39		5048.888	4050.443	9.544					
6	I42790	IA537STD-25	25-Jun-21	19:43:14		5412.060	10119.847	22.518					
7	I42791	IA537STD-50	25-Jun-21	19:59:48		5164.310	21520.588	50.177					
8	I42792	IA537STD-100	25-Jun-21	20:16:21		5407.669	42932.212	94.799					
9	I42793	IA537STD-250	25-Jun-21	20:32:55		4604.199	101306.376	258.482					

Compound name: NEtFOSAA
Coefficient of Determination: 0.000000
Calibration curve: 0.65927 * x
Response type: Internal Std (Ref 52), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

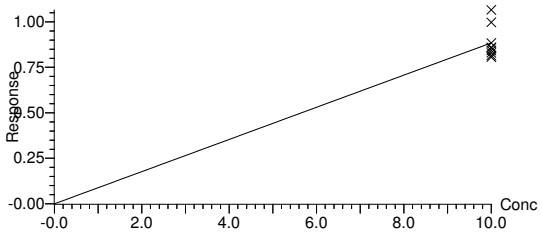
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: d5-NEtFOSAA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.068	67547.492	5440.919	9.111	91.1	0.081	720		1.13
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.064	69293.984	5653.028	9.228	92.3	0.082	938		1.18
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.056	67588.117	5611.340	9.391	93.9	0.083	132640		1.18
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.049	65536.602	5639.057	9.733	97.3	0.086	217		1.11
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.060	59909.973	5048.888	9.533	95.3	0.084	1083		1.13
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.053	63236.020	5412.060	9.681	96.8	0.086	1780		1.18
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.049	58447.609	5164.310	9.994	99.9	0.088	674		1.15
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.053	54255.980	5407.669	11.274	112.7	0.100	707		1.20
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.053	43199.742	4604.199	12.056	120.6	0.107	158		1.11

Compound name: d5-NEtFOSAA
Response Factor: 0.088407
RRF SD: 0.0088391, % Relative SD: 9.99818
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

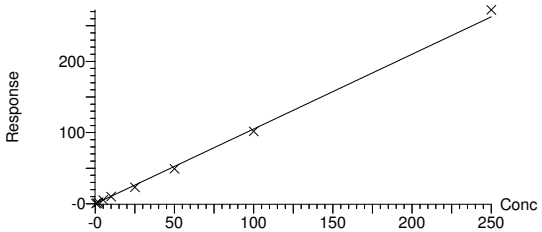
Quantify Compound Summary Report **MassLynx V4.2 SCN977**

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFDoA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.359	68461.047	3418.369	0.475	95.1	0.999	294	51	1.24
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.355	69430.047	7180.473	0.985	98.5	1.034	198	15	1.12
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.351	71550.625	14042.826	1.869	93.4	0.981	436	196	1.11
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.342	67262.703	35141.313	4.975	99.5	1.045	2071	414	1.09
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.351	62499.590	63969.898	9.747	97.5	1.024	2821	942	1.18
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.342	63264.074	148058.734	22.287	89.1	0.936	2802	888	1.26
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.342	57527.207	283617.938	46.949	93.9	0.986	9087	1014	1.08
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.347	56276.703	572604.563	96.893	96.9	1.017	14539	2471	1.18
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.342	44303.680	1206442.125	259.319	103.7	1.089	16654	3025	1.26

Compound name: PFDoA
Coefficient of Determination: R^2 = 0.997786
Calibration curve: 1.0501 * x
Response type: Internal Std (Ref 54), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

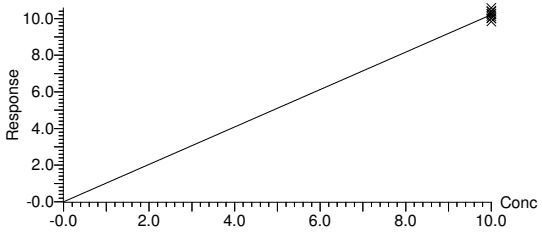
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: MPFDOA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.359	67547.492	68461.047	9.924	99.2	1.014	4367		1.10
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.355	69293.984	69430.047	9.811	98.1	1.002	5097		1.15
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.351	67588.117	71550.625	10.366	103.7	1.059	3080		1.07
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.343	65536.602	67262.703	10.050	100.5	1.026	4264		1.08
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.351	59909.973	62499.590	10.215	102.2	1.043	11848		1.18
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.347	63236.020	63264.074	9.796	98.0	1.000	4823		1.08
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.343	58447.609	57527.207	9.638	96.4	0.984	3828		1.07
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.347	54255.980	56276.703	10.157	101.6	1.037	1254		1.12
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.343	43199.742	44303.680	10.042	100.4	1.026	2155		1.18

Compound name: MPFDOA
Response Factor: 1.02124
RRF SD: 0.0234882, % Relative SD: 2.29997
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

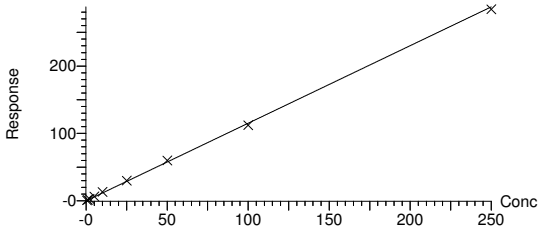
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFTrDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.762	44563.135	2755.652	0.537	107.4	1.237	199	19	1.23
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.762	45146.467	6329.835	1.218	121.8	1.402	562	107	1.16
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.757	46415.673	12725.419	2.381	119.0	1.371	1263	125	1.24
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.748	44077.904	28124.666	5.541	110.8	1.276	1079	287	1.24
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.766	40494.506	53646.340	11.504	115.0	1.325	2250	600	1.11
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.753	41707.902	124111.359	25.841	103.4	1.190	4576	1070	1.19
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.748	37965.024	227767.172	52.099	104.2	1.200	6885	1239	1.22
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.757	37883.815	424598.625	97.330	97.3	1.121	6995	1432	1.27
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.753	29512.287	839586.875	247.049	98.8	1.138	7327	2952	1.28

Compound name: PFTrDA
Coefficient of Determination: R^2 = 0.998498
Calibration curve: 1.15154 * x
Response type: Internal Std (Ref Multiple), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

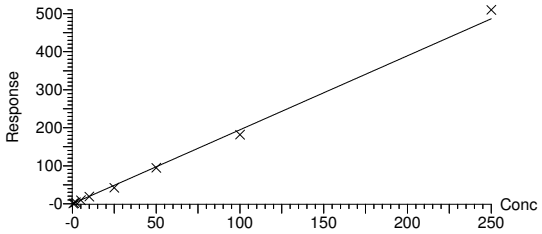
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFTA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	12.1...	20665.223	1845.434	0.459	91.7	1.786	159	70	1.18
2	I42786	IA537STD-1	25-Jun-21	18:36:58	12.117	20862.887	3935.938	0.969	96.9	1.887	377	229	1.13
3	I42787	IA537STD-2	25-Jun-21	18:53:32	12.113	21280.721	7788.385	1.880	94.0	1.830	768	67	1.21
4	I42788	IA537STD-5	25-Jun-21	19:10:06	12.1...	20893.105	19850.998	4.880	97.6	1.900	1951	189	1.33
5	I42789	IA537STD-10	25-Jun-21	19:26:39	12.119	18489.422	34582.781	9.607	96.1	1.870	1012	264	1.32
6	I42790	IA537STD-25	25-Jun-21	19:43:14	12.110	20151.729	85186.492	21.712	86.8	1.691	3412	620	1.19
7	I42791	IA537STD-50	25-Jun-21	19:59:48	12.1...	18402.840	174647.859	48.744	97.5	1.898	7843	788	1.35
8	I42792	IA537STD-100	25-Jun-21	20:16:21	12.116	19490.926	353807.813	93.234	93.2	1.815	5906	1440	1.22
9	I42793	IA537STD-250	25-Jun-21	20:32:55	12.110	14720.894	750971.313	262.016	104.8	2.041	11356	3471	1.25

Compound name: PFTA
Coefficient of Determination: R^2 = 0.996410
Calibration curve: 1.94698 * x
Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

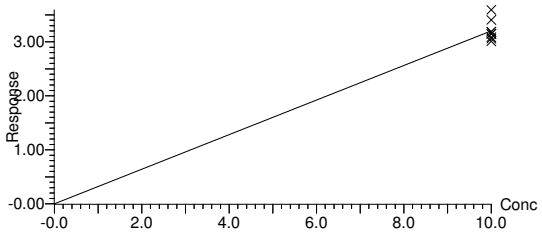
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M2PFTEDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	12.1...	67547.492	20665.223	9.551	95.5	0.306	1197		1.21
2	I42786	IA537STD-1	25-Jun-21	18:36:58	12.114	69293.984	20862.887	9.399	94.0	0.301	1326		1.30
3	I42787	IA537STD-2	25-Jun-21	18:53:32	12.114	67588.117	21280.721	9.830	98.3	0.315	678		1.30
4	I42788	IA537STD-5	25-Jun-21	19:10:06	12.1...	65536.602	20893.105	9.953	99.5	0.319	924		1.30
5	I42789	IA537STD-10	25-Jun-21	19:26:39	12.1...	59909.973	18489.422	9.635	96.3	0.309	846		1.34
6	I42790	IA537STD-25	25-Jun-21	19:43:14	12.110	63236.020	20151.729	9.949	99.5	0.319	733		1.17
7	I42791	IA537STD-50	25-Jun-21	19:59:48	12.1...	58447.609	18402.840	9.830	98.3	0.315	739		1.35
8	I42792	IA537STD-100	25-Jun-21	20:16:21	12.114	54255.980	19490.926	11.215	112.2	0.359	1663		1.34
9	I42793	IA537STD-250	25-Jun-21	20:32:55	12.111	43199.742	14720.894	10.638	106.4	0.341	875		1.25

Compound name: M2PFTEDA
Response Factor: 0.320315
RRF SD: 0.0184099, % Relative SD: 5.74744
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

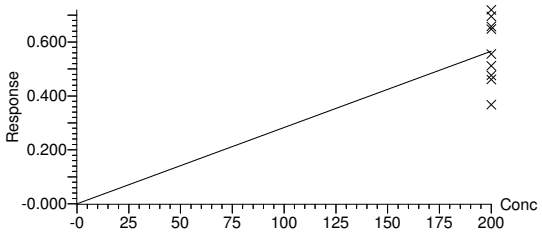
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M3HFPO-DA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	7.181	111073.586	7722.648	245.739	122.9	0.003	1737		0.78
2	I42786	IA537STD-1	25-Jun-21	18:36:58	7.177	118228.344	7775.602	232.451	116.2	0.003	22		0.86
3	I42787	IA537STD-2	25-Jun-21	18:53:32	7.169	112389.805	8082.584	254.180	127.1	0.004	62		0.94
4	I42788	IA537STD-5	25-Jun-21	19:10:06	7.173	110228.664	5644.199	180.978	90.5	0.003	599		0.94
5	I42789	IA537STD-10	25-Jun-21	19:26:39	7.177	103278.344	6695.212	229.126	114.6	0.003	498		0.99
6	I42790	IA537STD-25	25-Jun-21	19:43:14	7.169	110312.555	6123.891	196.210	98.1	0.003	1060		0.84
7	I42791	IA537STD-50	25-Jun-21	19:59:48	7.169	105813.898	4883.167	163.109	81.6	0.002	589		0.93
8	I42792	IA537STD-100	25-Jun-21	20:16:21	7.169	100008.320	4759.220	168.197	84.1	0.002	561		0.82
9	I42793	IA537STD-250	25-Jun-21	20:32:55	7.161	81871.438	3011.562	130.010	65.0	0.002	118		1.00

Compound name: M3HFPO-DA
Response Factor: 0.00282932
RRF SD: 0.000603846, % Relative SD: 21.3425
Response type: Internal Std (Ref 23), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

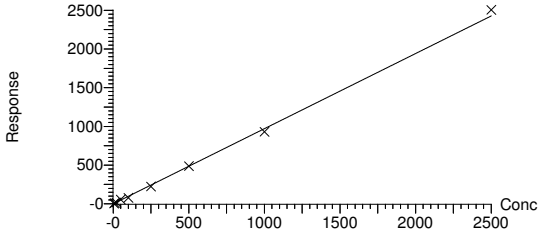
Client	: Soils Engineering Services, Inc.	Lab Number	: L2148526
Project Name	: GROSSINGERS	Project Number	: 9313:11
Instrument ID	: LCMS02	Ical Ref	: ICAL18098
Calibration dates	: 06/25/21 18:20 06/25/21 20:32		

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: HFPO-DA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	7.185	7722.648	162.536	4.335	86.7	0.842	21	25	0.64
2	I42786	IA537STD-1	25-Jun-21	18:36:58	7.185	7775.602	320.958	8.502	85.0	0.826	16	987	0.92
3	I42787	IA537STD-2	25-Jun-21	18:53:32	7.165	8082.584	681.072	17.356	86.8	0.843	54	3133	1.15
4	I42788	IA537STD-5	25-Jun-21	19:10:06	7.181	5644.199	1547.938	56.489	113.0	1.097	354	7332	0.74
5	I42789	IA537STD-10	25-Jun-21	19:26:39	7.177	6695.212	2584.031	79.496	79.5	0.772	652	708	1.02
6	I42790	IA537STD-25	25-Jun-21	19:43:14	7.177	6123.891	6836.687	229.948	92.0	0.893	829	44491	0.74
7	I42791	IA537STD-50	25-Jun-21	19:59:48	7.165	4883.167	11872.483	500.785	100.2	0.973	71	118002	1.11
8	I42792	IA537STD-100	25-Jun-21	20:16:21	7.161	4759.220	22121.635	957.398	95.7	0.930	187	2494	1.12
9	I42793	IA537STD-250	25-Jun-21	20:32:55	7.161	3011.562	37732.625	2580.692	103.2	1.002	420	14929	1.01

Compound name: HFPO-DA
Coefficient of Determination: R^2 = 0.997247
Calibration curve: 0.971 * x
Response type: Internal Std (Ref 58), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

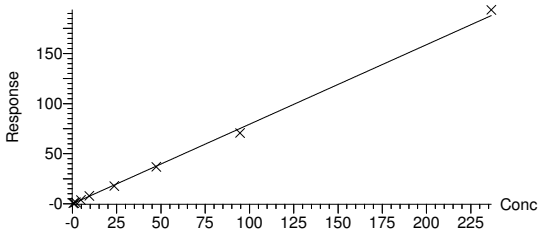
Client	: Soils Engineering Services, Inc.	Lab Number	: L2148526
Project Name	: GROSSINGERS	Project Number	: 9313:11
Instrument ID	: LCMS02	Ical Ref	: ICAL18098
Calibration dates	: 06/25/21 18:20 06/25/21 20:32		

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: ADONA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	8.209	117048.922	4526.371	0.487	102.9	0.817	1292	5	1.02
2	I42786	IA537STD-1	25-Jun-21	18:36:58	8.207	120009.203	9538.166	1.001	105.8	0.840	1005	30	1.10
3	I42787	IA537STD-2	25-Jun-21	18:53:32	8.204	118134.039	18223.480	1.943	102.6	0.815	2539	58	1.09
4	I42788	IA537STD-5	25-Jun-21	19:10:06	8.211	114318.727	44903.980	4.946	104.5	0.830	4403	227	1.09
5	I42789	IA537STD-10	25-Jun-21	19:26:39	8.211	105604.391	82469.305	9.834	103.9	0.825	11332	415	1.03
6	I42790	IA537STD-25	25-Jun-21	19:43:14	8.202	109396.984	195044.625	22.451	94.9	0.754	7443	418	1.05
7	I42791	IA537STD-50	25-Jun-21	19:59:48	8.198	103999.078	383145.781	46.392	98.1	0.779	44109	347	1.08
8	I42792	IA537STD-100	25-Jun-21	20:16:21	8.196	101645.789	717194.563	88.850	93.9	0.746	60625	165	1.10
9	I42793	IA537STD-250	25-Jun-21	20:32:55	8.200	79135.219	1531728.125	243.737	103.0	0.818	33961	2656	1.04

Compound name: ADONA
Coefficient of Determination: R^2 = 0.998304
Calibration curve: 0.794129 * x
Response type: Internal Std (Ref 22), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

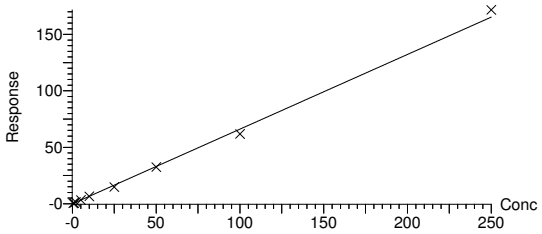
Quantify Compound Summary Report **MassLynx V4.2 SCN977**

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFHxDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	12.6...	31309.992	1170.889	0.566	113.1	0.748	303	30	1.06
2	I42786	IA537STD-1	25-Jun-21	18:36:58	12.6...	32678.559	2331.510	1.079	107.9	0.713	680	145	1.16
3	I42787	IA537STD-2	25-Jun-21	18:53:32	12.6...	30878.711	4329.224	2.121	106.0	0.701	713	188	1.22
4	I42788	IA537STD-5	25-Jun-21	19:10:06	12.6...	29730.592	10032.860	5.104	102.1	0.675	1715	461	1.24
5	I42789	IA537STD-10	25-Jun-21	19:26:39	12.6...	27849.500	18391.619	9.988	99.9	0.660	4203	165	1.16
6	I42790	IA537STD-25	25-Jun-21	19:43:14	12.6...	29074.736	43163.391	22.454	89.8	0.594	3710	589	1.19
7	I42791	IA537STD-50	25-Jun-21	19:59:48	12.6...	27467.535	89210.539	49.124	98.2	0.650	17993	3046	1.18
8	I42792	IA537STD-100	25-Jun-21	20:16:21	12.6...	27439.051	169409.922	93.383	93.4	0.617	22678	7542	1.29
9	I42793	IA537STD-250	25-Jun-21	20:32:55	12.6...	20593.246	353563.438	259.681	103.9	0.687	14272	2335	1.27

Compound name: PFHxDA
Coefficient of Determination: R^2 = 0.997372
Calibration curve: 0.661154 * x
Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

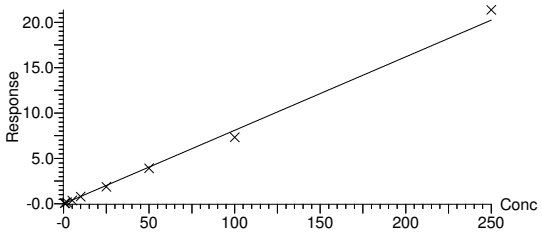
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFODA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	12.8...	31309.992	136.280	0.538	107.5	0.087	31	8	0.99
2	I42786	IA537STD-1	25-Jun-21	18:36:58	12.8...	32678.559	237.899	0.899	89.9	0.073	108	26	1.25
3	I42787	IA537STD-2	25-Jun-21	18:53:32	12.8...	30878.711	477.327	1.910	95.5	0.077	268	61	1.17
4	I42788	IA537STD-5	25-Jun-21	19:10:06	12.8...	29730.592	1124.569	4.673	93.5	0.076	463	106	1.11
5	I42789	IA537STD-10	25-Jun-21	19:26:39	12.8...	27849.500	2176.139	9.653	96.5	0.078	325	1986	1.08
6	I42790	IA537STD-25	25-Jun-21	19:43:14	12.8...	29074.736	5429.968	23.072	92.3	0.075	1594	418	1.22
7	I42791	IA537STD-50	25-Jun-21	19:59:48	12.8...	27467.535	10770.572	48.442	96.9	0.078	4671	163	1.10
8	I42792	IA537STD-100	25-Jun-21	20:16:21	12.8...	27439.051	20074.871	90.383	90.4	0.073	8549	902	1.19
9	I42793	IA537STD-250	25-Jun-21	20:32:55	12.8...	20593.246	43995.547	263.930	105.6	0.085	9275	2308	1.20

Compound name: PFODA
Coefficient of Determination: R^2 = 0.995426
Calibration curve: 0.0809461 * x
Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

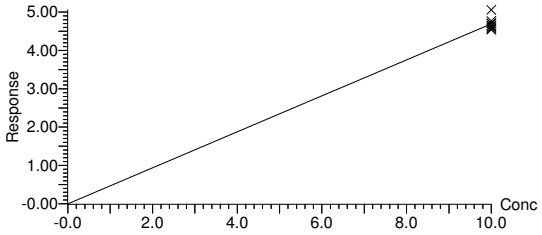
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M2PFHxDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	12.6...	67547.492	31309.992	9.879	98.8	0.464	1097		1.22
2	I42786	IA537STD-1	25-Jun-21	18:36:58	12.6...	69293.984	32678.559	10.051	100.5	0.472	4898		1.27
3	I42787	IA537STD-2	25-Jun-21	18:53:32	12.6...	67588.117	30878.711	9.737	97.4	0.457	10539		1.24
4	I42788	IA537STD-5	25-Jun-21	19:10:06	12.6...	65536.602	29730.592	9.669	96.7	0.454	3747		1.23
5	I42789	IA537STD-10	25-Jun-21	19:26:39	12.6...	59909.973	27849.500	9.908	99.1	0.465	9660		1.13
6	I42790	IA537STD-25	25-Jun-21	19:43:14	12.6...	63236.020	29074.736	9.800	98.0	0.460	7418		1.33
7	I42791	IA537STD-50	25-Jun-21	19:59:48	12.6...	58447.609	27467.535	10.016	100.2	0.470	3637		1.34
8	I42792	IA537STD-100	25-Jun-21	20:16:21	12.6...	54255.980	27439.051	10.779	107.8	0.506	2093		1.28
9	I42793	IA537STD-250	25-Jun-21	20:32:55	12.6...	43199.742	20593.246	10.160	101.6	0.477	4230		1.27

Compound name: M2PFHxDA
Response Factor: 0.469184
RRF SD: 0.015536, % Relative SD: 3.31129
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

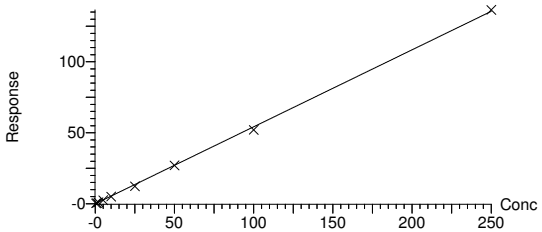
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFDoS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.758	13683.243	375.989	0.507	101.4	0.550	15	89	1.30
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.758	14170.416	697.559	0.908	90.8	0.492	92	51	1.28
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.753	13979.718	1448.578	1.911	95.6	0.518	291	48	1.07
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.744	13761.020	3535.880	4.739	94.8	0.514	163	184	1.20
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.762	12706.000	6439.758	9.347	93.5	0.507	526	250	1.14
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.749	13242.184	16264.090	22.652	90.6	0.491	1452	526	1.18
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.744	12124.383	32716.166	49.766	99.5	0.540	1345	925	1.18
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.753	11908.705	62039.379	96.081	96.1	0.521	4968	2047	1.20
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.749	8703.244	118862.656	251.882	100.8	0.546	8930	3279	1.23

Compound name: PFDoS
Coefficient of Determination: R^2 = 0.999541
Calibration curve: 0.54221 * x
Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: Null, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

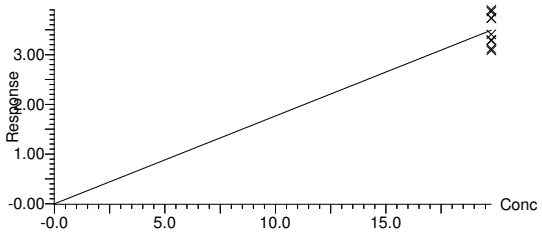
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M2D4-10:2FTS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.365	12049.551	4700.572	22.080	111.7	0.197	43		0.96
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.360	12436.962	4811.575	21.898	110.8	0.196	88067		1.02
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.356	11973.752	4470.213	21.131	106.9	0.189	594		1.00
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.344	12188.990	4553.490	21.145	107.0	0.189	200		1.13
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.356	11257.388	3838.715	19.301	97.6	0.173	554		1.03
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.352	12191.913	3802.153	17.651	89.3	0.158	137		1.04
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.344	11312.826	3728.490	18.655	94.4	0.167	69108		1.06
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.352	10453.800	3432.024	18.582	94.0	0.166	1034		1.02
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.348	8001.944	2467.232	17.452	88.3	0.156	195		1.03

Compound name: M2D4-10:2FTS
Response Factor: 0.176676
RRF SD: 0.0162199, % Relative SD: 9.18061
Response type: Internal Std (Ref 32), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

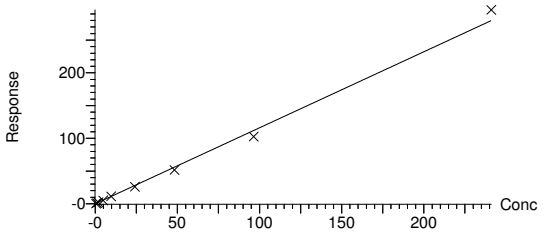
Client	: Soils Engineering Services, Inc.	Lab Number	: L2148526
Project Name	: GROSSINGERS	Project Number	: 9313:11
Instrument ID	: LCMS02	Ical Ref	: ICAL18098
Calibration dates	: 06/25/21 18:20 06/25/21 20:32		

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: 10:2FTS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.368	4700.572	108.013	0.391	81.2	0.942	43	1133	0.88
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.364	4811.575	303.909	1.075	111.5	1.295	46	39	1.08
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.360	4470.213	467.112	1.779	92.3	1.071	124	4032	0.98
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.352	4553.490	1144.272	4.278	88.7	1.031	182	144	1.04
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.364	3838.715	2202.544	9.767	101.3	1.176	281	170	0.95
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.356	3802.153	5018.338	22.467	93.2	1.083	584	138	1.01
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.352	3728.490	9724.066	44.396	92.1	1.070	675	575	1.03
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.356	3432.024	17801.447	88.294	91.6	1.064	1518	283	1.05
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.356	2467.232	36972.184	255.088	105.8	1.229	5993	5970	1.00

Compound name: 10:2FTS
Coefficient of Determination: R^2 = 0.995088
Calibration curve: 1.16117 * x
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

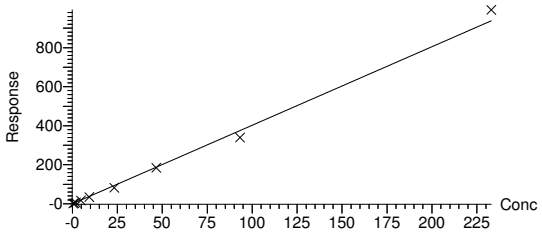
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: 9CL-PF3ONS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.1...	13683.243	2360.771	0.429	92.0	3.702	410	138	1.01
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.1...	14170.416	5046.062	0.885	94.9	3.821	593	203	1.02
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.1...	13979.718	9276.618	1.649	88.4	3.560	426	329	1.00
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.1...	13761.020	22868.756	4.129	88.6	3.566	2644	1276	1.04
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.1...	12706.000	44153.711	8.633	92.6	3.729	5679	2105	1.06
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.1...	13242.184	109916.461	20.621	88.5	3.562	7636	3017	0.99
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.1...	12124.383	223637.469	45.823	98.3	3.958	37365	4842	1.07
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.1...	11908.705	403948.031	84.268	90.4	3.640	69210	12623	1.00
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.1...	8703.244	864988.625	246.906	106.0	4.266	27034	35282	1.04

Compound name: 9CL-PF3ONS
Coefficient of Determination: R^2 = 0.994609
Calibration curve: 4.02529 * x
Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

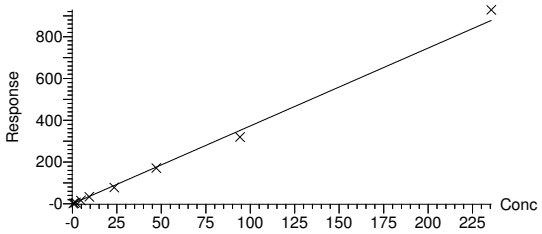
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: 11CL-PFOUdS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.166	13683.243	2293.062	0.450	95.5	3.558	192	29	1.18
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.166	14170.416	4555.021	0.862	91.6	3.412	734	333	1.08
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.159	13979.718	8783.455	1.686	89.5	3.335	1424	467	1.10
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.151	13761.020	22431.322	4.374	92.9	3.461	2394	1541	1.01
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.163	12706.000	41805.063	8.828	93.7	3.493	3854	1387	1.09
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.155	13242.184	103975.141	21.067	89.5	3.334	982	1912	1.06
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.151	12124.383	207329.703	45.881	97.4	3.631	12337	2442	1.03
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.155	11908.705	379782.969	85.567	90.8	3.385	35409	8139	1.10
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.155	8703.244	807891.313	249.062	105.8	3.942	12198	14343	1.05

Compound name: 11CL-PFOUdS
Coefficient of Determination: R^2 = 0.995140
Calibration curve: 3.72704 * x
Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

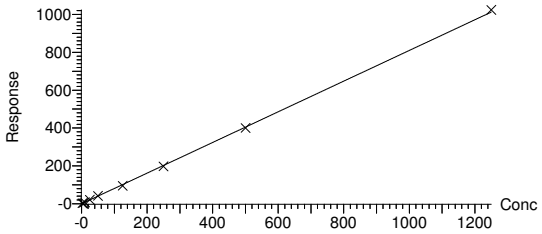
Client	: Soils Engineering Services, Inc.		Lab Number	: L2148526	
Project Name	: GROSSINGERS		Project Number	: 9313:11	
Instrument ID	: LCMS02		Ical Ref	: ICAL18098	
Calibration dates	: 06/25/21 18:20	06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: NMeFOSA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.579	83657.445	1694.156	2.501	100.0	0.810	602	130	1.06
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.575	84827.594	3744.141	5.451	109.0	0.883	203	423	1.10
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.571	88272.305	6808.878	9.526	95.3	0.771	784	459	1.04
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.562	81628.031	17646.762	26.697	106.8	0.865	2087	910	1.05
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.575	75450.023	31732.539	51.938	103.9	0.841	2618	721	1.03
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.566	78537.063	74670.383	117.412	93.9	0.761	5460	3001	1.02
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.562	75272.289	148760.438	244.057	97.6	0.791	6068	2103	1.01
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.571	69546.883	278953.844	495.330	99.1	0.802	3737	2991	1.00
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.566	53821.891	551148.125	1264.588	101.2	0.819	10565	2186	1.03

Compound name: NMeFOSA
Coefficient of Determination: R^2 = 0.999494
Calibration curve: 0.809767 * x
Response type: Internal Std (Ref 70), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

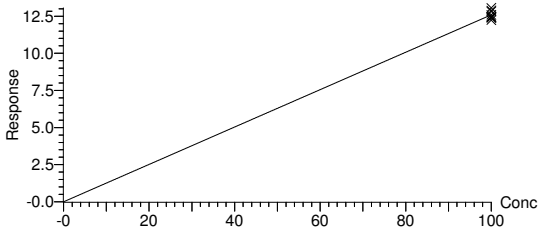
Client	: Soils Engineering Services, Inc.	Lab Number	: L2148526
Project Name	: GROSSINGERS	Project Number	: 9313:11
Instrument ID	: LCMS02	Ical Ref	: ICAL18098
Calibration dates	: 06/25/21 18:20 06/25/21 20:32		

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: d3-NMeFOSA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.575	67547.492	83657.445	98.370	98.4	0.124	3667		0.99
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.571	69293.984	84827.594	97.232	97.2	0.122	7161		1.01
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.562	67588.117	88272.305	103.734	103.7	0.131	6862		1.05
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.558	65536.602	81628.031	98.929	98.9	0.125	5583		0.99
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.567	59909.973	75450.023	100.030	100.0	0.126	2060		1.04
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.558	63236.020	78537.063	98.646	98.6	0.124	4190		1.04
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.554	58447.609	75272.289	102.291	102.3	0.129	2402		1.03
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.558	54255.980	69546.883	101.812	101.8	0.128	6435		1.09
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.558	43199.742	53821.891	98.957	99.0	0.125	6656		1.05

Compound name: d3-NMeFOSA
Response Factor: 0.125902
RRF SD: 0.00270259, % Relative SD: 2.14659
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

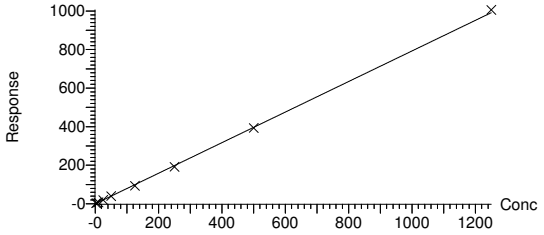
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: NEtFOSA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.884	92093.914	1943.885	2.661	106.5	0.844	564	32	0.97
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.880	96094.531	3999.420	5.248	105.0	0.832	298	14252	0.99
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.875	95391.789	7591.250	10.034	100.3	0.796	833	355	0.99
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.868	90216.102	17971.863	25.118	100.5	0.797	1491	256	1.00
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.880	84298.680	33987.125	50.835	101.7	0.806	4153	922	1.03
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.872	88626.391	82276.086	117.053	93.6	0.743	5976	1305	0.98
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.864	84060.742	161161.656	241.735	96.7	0.767	6504	4638	1.04
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.875	76341.086	300529.344	496.364	99.3	0.787	9549	3397	0.99
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.868	59915.379	602755.000	1268.452	101.5	0.805	7129	5377	1.07

Compound name: NEtFOSA
Coefficient of Determination: R^2 = 0.999472
Calibration curve: 0.793101 * x
Response type: Internal Std (Ref 72), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

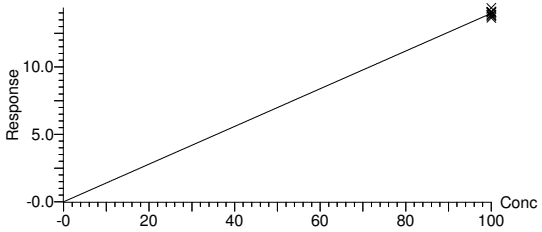
Client	: Soils Engineering Services, Inc.	Lab Number	: L2148526
Project Name	: GROSSINGERS	Project Number	: 9313:11
Instrument ID	: LCMS02	Ical Ref	: ICAL18098
Calibration dates	: 06/25/21 18:20 06/25/21 20:32		

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: d5-NEtFOSA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.872	67547.492	92093.914	97.548	97.5	0.136	12939		0.98
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.868	69293.984	96094.531	99.221	99.2	0.139	1184		1.00
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.864	67588.117	95391.789	100.981	101.0	0.141	6587		1.00
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.856	65536.602	90216.102	98.492	98.5	0.138	4237		1.03
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.868	59909.973	84298.680	100.675	100.7	0.141	8321		1.05
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.860	63236.020	88626.391	100.276	100.3	0.140	3515		1.00
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.852	58447.609	84060.742	102.902	102.9	0.144	4808		1.04
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.860	54255.980	76341.086	100.672	100.7	0.141	3161		1.07
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.856	43199.742	59915.379	99.233	99.2	0.139	2064		1.06

Compound name: d5-NEtFOSA
Response Factor: 0.139766
RRF SD: 0.00220161, % Relative SD: 1.57521
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

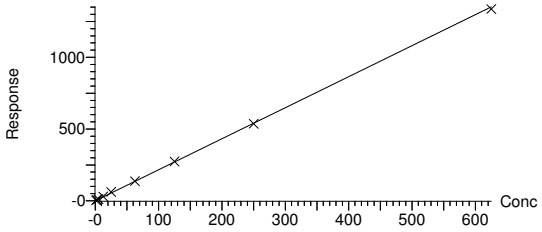
Quantify Compound Summary Report **MassLynx V4.2 SCN977**

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: NMeFOSE

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.581	72046.953	2205.656	1.416	113.2	2.449	253		1.06
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.581	73573.344	4490.516	2.822	112.9	2.441	476		0.98
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.573	71431.508	8401.424	5.438	108.8	2.352	661		1.04
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.564	67250.023	20790.119	14.294	114.4	2.473	1840		1.05
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.577	64554.102	39737.066	28.462	113.8	2.462	3730		1.01
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.568	65944.867	90417.305	63.397	101.4	2.194	3148		1.01
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.564	62904.902	172533.859	126.820	101.5	2.194	8029		1.01
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.573	53660.957	288050.750	248.204	99.3	2.147	4943		1.00
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.568	38671.402	516783.844	617.897	98.9	2.138	9074		1.04

Compound name: NMeFOSE
Coefficient of Determination: R^2 = 0.999074
Calibration curve: 2.16273 * x
Response type: Internal Std (Ref 74), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

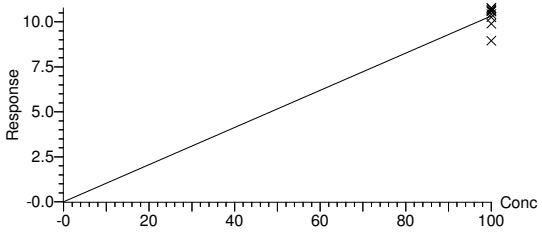
Client	: Soils Engineering Services, Inc.	Lab Number	: L2148526
Project Name	: GROSSINGERS	Project Number	: 9313:11
Instrument ID	: LCMS02	Ical Ref	: ICAL18098
Calibration dates	: 06/25/21 18:20 06/25/21 20:32		

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: d7-NMeFOSE

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.564	67547.492	72046.953	103.307	103.3	0.107	2233		1.06
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.564	69293.984	73573.344	102.837	102.8	0.106	2980		1.00
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.556	67588.117	71431.508	102.363	102.4	0.106	4504		1.04
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.547	65536.602	67250.023	99.388	99.4	0.103	3049		1.08
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.560	59909.973	64554.102	104.363	104.4	0.108	5425		1.03
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.551	63236.020	65944.867	101.004	101.0	0.104	2313		1.03
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.543	58447.609	62904.902	104.242	104.2	0.108	1671		1.12
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.551	54255.980	53660.957	95.793	95.8	0.099	2314		1.07
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.542	43199.742	38671.402	86.703	86.7	0.090	4601		1.21

Compound name: d7-NMeFOSE
Response Factor: 0.103247
RRF SD: 0.00585761, % Relative SD: 5.67341
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

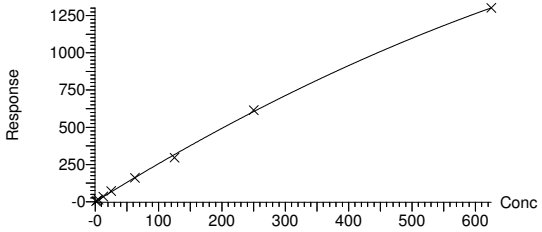
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: NEtFOSE

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.869	69590.422	2387.140	1.296	103.7	2.744	185		1.00
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.865	68116.930	5013.218	2.783	111.3	2.944	366		1.03
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.861	69282.852	9777.091	5.340	106.8	2.822	1330		1.04
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.853	64579.359	23164.092	13.613	108.9	2.870	1948		1.05
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.869	60769.219	44471.941	27.910	111.6	2.927	2891		1.00
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.857	65592.391	105280.734	61.941	99.1	2.568	5092		1.02
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.849	66566.281	197116.844	116.490	93.2	2.369	9122		1.06
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.857	56152.844	345471.719	254.512	101.8	2.461	5273		1.09
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.853	48991.504	637641.313	624.967	100.0	2.082	13971		1.10

Compound name: NEtFOSE
Coefficient of Determination: R^2 = 0.998655
Calibration curve: -0.000903598 * x^2 + 2.64729 * x
Response type: Internal Std (Ref 76), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

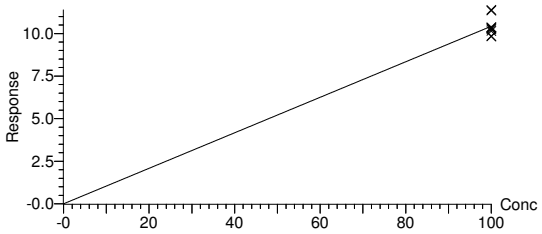
Client	: Soils Engineering Services, Inc.	Lab Number	: L2148526
Project Name	: GROSSINGERS	Project Number	: 9313:11
Instrument ID	: LCMS02	Ical Ref	: ICAL18098
Calibration dates	: 06/25/21 18:20 06/25/21 20:32		

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: d9-NEtFOSE

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.850	67547.492	69590.422	98.816	98.8	0.103	7494		1.01
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.846	69293.984	68116.930	94.286	94.3	0.098	3634		1.03
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.842	67588.117	69282.852	98.320	98.3	0.103	1930		1.03
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.834	65536.602	64579.359	94.514	94.5	0.099	3688		1.02
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.849	59909.973	60769.219	97.291	97.3	0.101	2033		0.99
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.838	63236.020	65592.391	99.490	99.5	0.104	4779		0.98
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.830	58447.609	66566.281	109.239	109.2	0.114	4972		1.01
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.838	54255.980	56152.844	99.269	99.3	0.103	5270		1.02
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.834	43199.742	48991.504	108.775	108.8	0.113	4265		0.95

Compound name: d9-NEtFOSE
Response Factor: 0.104259
RRF SD: 0.00567996, % Relative SD: 5.44796
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

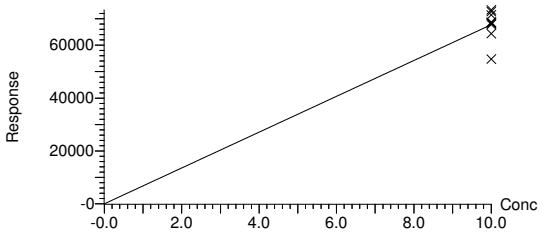
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M3PFPeA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	4.857		68445.523	10.098	101.0	6844.552	4532		2.10
2	I42786	IA537STD-1	25-Jun-21	18:36:58	4.857		72707.008	10.727	107.3	7270.701	12025		2.63
3	I42787	IA537STD-2	25-Jun-21	18:53:32	4.855		73385.523	10.827	108.3	7338.552	11526		2.58
4	I42788	IA537STD-5	25-Jun-21	19:10:06	4.857		71466.500	10.544	105.4	7146.650	7971		2.71
5	I42789	IA537STD-10	25-Jun-21	19:26:39	4.855		67810.570	10.004	100.0	6781.057	11060		2.32
6	I42790	IA537STD-25	25-Jun-21	19:43:14	4.850		68746.930	10.143	101.4	6874.693	16678		2.47
7	I42791	IA537STD-50	25-Jun-21	19:59:48	4.852		68342.992	10.083	100.8	6834.299	4195		2.28
8	I42792	IA537STD-100	25-Jun-21	20:16:21	4.852		64371.035	9.497	95.0	6437.104	5310		2.42
9	I42793	IA537STD-250	25-Jun-21	20:32:55	4.852		54745.551	8.077	80.8	5474.555	2584		2.33

Compound name: M3PFPeA
Response Factor: 6778.02
RRF SD: 561.807, % Relative SD: 8.28865
Response type: External Std, Area
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

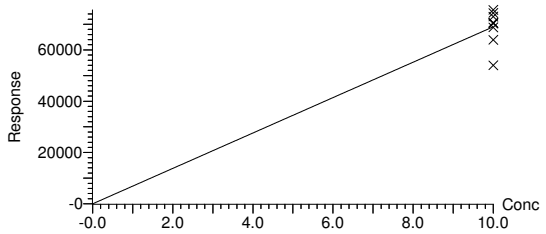
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M2PFHxA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	6.745		70591.609	10.229	102.3	7059.161	6713		3.06
2	I42786	IA537STD-1	25-Jun-21	18:36:58	6.745		74346.078	10.774	107.7	7434.608	6615		2.53
3	I42787	IA537STD-2	25-Jun-21	18:53:32	6.736		75606.055	10.956	109.6	7560.605	6098		2.00
4	I42788	IA537STD-5	25-Jun-21	19:10:06	6.740		73031.016	10.583	105.8	7303.102	3214		2.08
5	I42789	IA537STD-10	25-Jun-21	19:26:39	6.745		70269.289	10.183	101.8	7026.929	15489		2.11
6	I42790	IA537STD-25	25-Jun-21	19:43:14	6.736		70536.602	10.222	102.2	7053.660	3482		1.96
7	I42791	IA537STD-50	25-Jun-21	19:59:48	6.736		68752.352	9.963	99.6	6875.235	7461		2.04
8	I42792	IA537STD-100	25-Jun-21	20:16:21	6.736		63918.813	9.263	92.6	6391.881	3719		2.16
9	I42793	IA537STD-250	25-Jun-21	20:32:55	6.731		54020.688	7.828	78.3	5402.069	2686		1.80

Compound name: M2PFHxA
Response Factor: 6900.81
RRF SD: 656.919, % Relative SD: 9.51945
Response type: External Std, Area
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

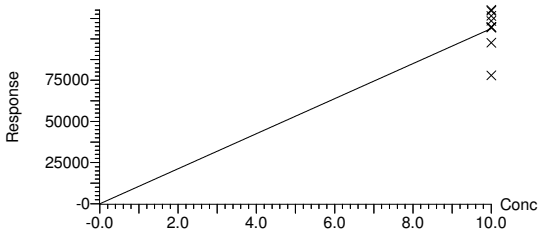
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M4PFOA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	8.972		110950.945	10.434	104.3	11095.095	19236		2.93
2	I42786	IA537STD-1	25-Jun-21	18:36:58	8.968		117678.711	11.067	110.7	11767.871	3605		2.97
3	I42787	IA537STD-2	25-Jun-21	18:53:32	8.968		117141.930	11.016	110.2	11714.193	11200		3.81
4	I42788	IA537STD-5	25-Jun-21	19:10:06	8.980		114072.773	10.728	107.3	11407.277	21028		4.53
5	I42789	IA537STD-10	25-Jun-21	19:26:39	8.976		107353.336	10.096	101.0	10735.334	7585		3.14
6	I42790	IA537STD-25	25-Jun-21	19:43:14	8.960		106945.133	10.057	100.6	10694.513	10959		2.27
7	I42791	IA537STD-50	25-Jun-21	19:59:48	8.957		107144.641	10.076	100.8	10714.464	11033		3.00
8	I42792	IA537STD-100	25-Jun-21	20:16:21	8.957		97760.406	9.194	91.9	9776.041	2911		1.47
9	I42793	IA537STD-250	25-Jun-21	20:32:55	8.960		77961.492	7.332	73.3	7796.149	5904		1.54

Compound name: M4PFOA
Response Factor: 10633.4
RRF SD: 1228.46, % Relative SD: 11.5528
Response type: External Std, Area
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

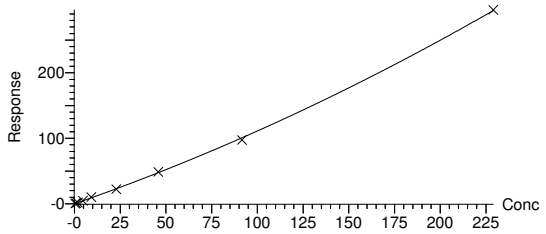
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFPrS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	3.318	13296.128	635.622	0.490	107.1	1.044	212	580	0.75
2	I42786	IA537STD-1	25-Jun-21	18:36:58	3.323	13529.566	1319.751	1.000	109.2	1.065	159	45	0.68
3	I42787	IA537STD-2	25-Jun-21	18:53:32	3.323	13649.750	2526.121	1.895	103.4	1.010	253	414	0.99
4	I42788	IA537STD-5	25-Jun-21	19:10:06	3.320	13428.799	6401.600	4.860	106.1	1.041	915	797	0.89
5	I42789	IA537STD-10	25-Jun-21	19:26:39	3.323	12248.645	12486.402	10.314	112.6	1.113	30208	253	1.08
6	I42790	IA537STD-25	25-Jun-21	19:43:14	3.320	12737.235	28557.262	22.312	97.4	0.979	33247	689	1.01
7	I42791	IA537STD-50	25-Jun-21	19:59:48	3.323	12077.166	58672.797	46.784	102.1	1.061	3297	11050	1.00
8	I42792	IA537STD-100	25-Jun-21	20:16:21	3.320	11898.238	116164.953	89.046	97.2	1.066	31729	40809	1.01
9	I42793	IA537STD-250	25-Jun-21	20:32:55	3.320	9269.692	274485.594	229.649	100.3	1.293	45015	160124	0.98

Compound name: PFPrS
Coefficient of Determination: R^2 = 0.999414
Calibration curve: 0.00137254 * x^2 + 0.974207 * x
Response type: Internal Std (Ref 7), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

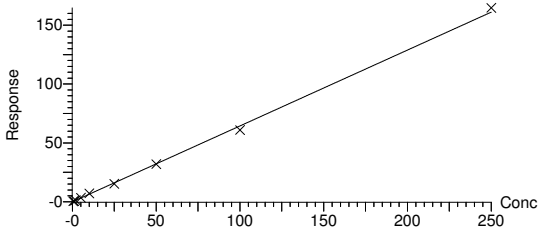
Client	: Soils Engineering Services, Inc.	Lab Number	: L2148526
Project Name	: GROSSINGERS	Project Number	: 9313:11
Instrument ID	: LCMS02	Ical Ref	: ICAL18098
Calibration dates	: 06/25/21 18:20 06/25/21 20:32		

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFMPA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	3.305	57780.328	1991.337	0.535	107.0	0.689	313		0.60
2	I42786	IA537STD-1	25-Jun-21	18:36:58	3.305	60023.031	4253.703	1.100	110.0	0.709	1154		0.96
3	I42787	IA537STD-2	25-Jun-21	18:53:32	3.305	60513.422	7947.105	2.038	101.9	0.657	16313		1.10
4	I42788	IA537STD-5	25-Jun-21	19:10:06	3.305	58136.680	19739.205	5.270	105.4	0.679	10706		1.09
5	I42789	IA537STD-10	25-Jun-21	19:26:39	3.307	54205.727	38296.465	10.965	109.7	0.707	7665		1.15
6	I42790	IA537STD-25	25-Jun-21	19:43:14	3.302	57145.898	87505.352	23.766	95.1	0.613	29444		1.09
7	I42791	IA537STD-50	25-Jun-21	19:59:48	3.302	55028.297	176292.797	49.722	99.4	0.641	32595		1.08
8	I42792	IA537STD-100	25-Jun-21	20:16:21	3.300	56827.293	345994.313	94.496	94.5	0.609	70412		1.10
9	I42793	IA537STD-250	25-Jun-21	20:32:55	3.297	48596.504	800346.125	255.608	102.2	0.659	223927		1.04

Compound name: PFMPA
Coefficient of Determination: R^2 = 0.998550
Calibration curve: 0.644315 * x
Response type: Internal Std (Ref 3), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

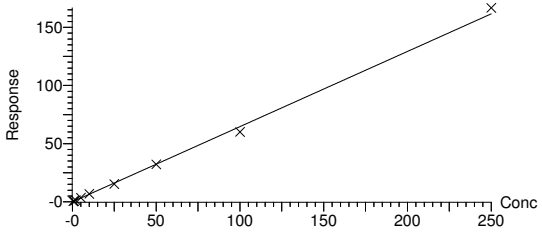
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFMBA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	5.567	65293.742	2185.185	0.518	103.5	0.669	1122		1.11
2	I42786	IA537STD-1	25-Jun-21	18:36:58	5.567	66911.328	4617.612	1.068	106.8	0.690	2121		1.14
3	I42787	IA537STD-2	25-Jun-21	18:53:32	5.562	67487.727	8805.560	2.018	100.9	0.652	12395		1.09
4	I42788	IA537STD-5	25-Jun-21	19:10:06	5.567	64551.254	21989.371	5.270	105.4	0.681	4716		1.15
5	I42789	IA537STD-10	25-Jun-21	19:26:39	5.569	60132.316	40825.941	10.503	105.0	0.679	164578		1.16
6	I42790	IA537STD-25	25-Jun-21	19:43:14	5.555	62822.996	96113.078	23.667	94.7	0.612	277184		1.10
7	I42791	IA537STD-50	25-Jun-21	19:59:48	5.558	60026.988	192846.172	49.698	99.4	0.643	33051		1.10
8	I42792	IA537STD-100	25-Jun-21	20:16:21	5.560	61133.020	366831.594	92.824	92.8	0.600	1464199		1.11
9	I42793	IA537STD-250	25-Jun-21	20:32:55	5.558	49834.328	830936.375	257.935	103.2	0.667	3279777		1.10

Compound name: PFMBA
Coefficient of Determination: R^2 = 0.997908
Calibration curve: 0.64644 * x
Response type: Internal Std (Ref 5), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

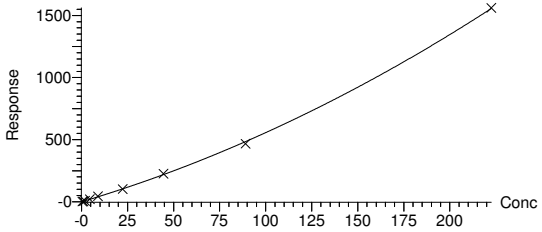
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFEESA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	6.259	15614.954	3276.106	0.475	106.8	4.715	801	27	1.18
2	I42786	IA537STD-1	25-Jun-21	18:36:58	6.261	15923.893	7136.023	1.014	113.9	5.035	833	19	2.07
3	I42787	IA537STD-2	25-Jun-21	18:53:32	6.255	15851.401	13141.892	1.872	105.2	4.658	2652	149	1.23
4	I42788	IA537STD-5	25-Jun-21	19:10:06	6.261	15344.866	33306.844	4.862	109.3	4.878	7496	298	2.45
5	I42789	IA537STD-10	25-Jun-21	19:26:39	6.263	14276.569	62824.078	9.735	109.4	4.944	12672	96	2.53
6	I42790	IA537STD-25	25-Jun-21	19:43:14	6.252	14892.317	152006.172	21.895	98.4	4.587	3051	46	2.82
7	I42791	IA537STD-50	25-Jun-21	19:59:48	6.253	13709.874	309059.031	45.653	102.6	5.066	16682	446	3.74
8	I42792	IA537STD-100	25-Jun-21	20:16:21	6.252	13095.640	612222.750	86.394	97.1	5.253	13758	1907	3.30
9	I42793	IA537STD-250	25-Jun-21	20:32:55	6.255	9182.548	1433684.875	223.067	100.3	7.017	24870	188	2.32

Compound name: PFEESA
Coefficient of Determination: R^2 = 0.999514
Calibration curve: 0.0116194 * x^2 + 4.4074 * x
Response type: Internal Std (Ref 18), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2148526
Project Name	:	GROSSINGERS	Project Number	:	9313:11
Instrument ID	:	LCMS02	Ical Ref	:	ICAL18098
Calibration dates	:	06/25/21 18:20 06/25/21 20:32			

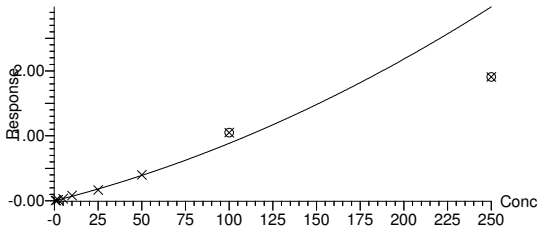
Quantify Compound Summary Report **MassLynx V4.2 SCN977**

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: NFDHA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	6.528	69092.836	35.005	0.745	149.0	0.010	3		0.98
2	I42786	IA537STD-1	25-Jun-21	18:36:58	6.531	71767.094	49.020	1.004	100.4	0.007	8		0.94
3	I42787	IA537STD-2	25-Jun-21	18:53:32	6.515	71122.000	95.191	1.961	98.1	0.007	1321	39	0.93
4	I42788	IA537STD-5	25-Jun-21	19:10:06	6.522	68872.398	221.501	4.675	93.5	0.006	2887	4	0.94
5	I42789	IA537STD-10	25-Jun-21	19:26:39	6.522	63598.234	520.781	11.659	116.6	0.008	329	10	1.27
6	I42790	IA537STD-25	25-Jun-21	19:43:14	6.512	66333.828	1091.324	22.689	90.8	0.007	16	2	1.00
7	I42791	IA537STD-50	25-Jun-21	19:59:48	6.512	62021.500	2465.451	50.767	101.5	0.008	352	8	1.21
8	I42792	IA537STD-100	25-Jun-21	20:16:21	6.512	61755.355	6489.599	114.830	114.8	0.011	1438	24	2.02
9	I42793	IA537STD-250	25-Jun-21	20:32:55	6.505	48768.344	9292.991	181.150	72.5	0.008	28	32	1.86

Compound name: NFDHA
Coefficient of Determination: R^2 = 0.992404
Calibration curve: 2.06235e-005 * x^2 + 0.0067832 * x
Response type: Internal Std (Ref 11), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



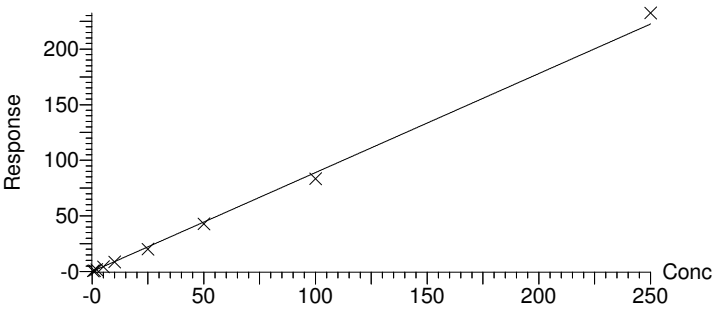
Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\MethDB\537ISO_Q_210625_TOP_RT.mdb 22 Jun 2021 09:28:25
Calibration: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

Compound name: PFBA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	1.969	57780.328	2503.404	0.487	97.4	0.867	1618		0.87
2	I42786	IA537STD-1	25-Jun-21	18:36:58	1.966	60023.031	5202.597	0.974	97.4	0.867	2613		0.85
3	I42787	IA537STD-2	25-Jun-21	18:53:32	1.969	60513.422	10011.021	1.859	92.9	0.827	6031		0.84
4	I42788	IA537STD-5	25-Jun-21	19:10:06	1.969	58136.680	24777.404	4.789	95.8	0.852	21541		0.88
5	I42789	IA537STD-10	25-Jun-21	19:26:39	1.974	54205.727	47227.559	9.790	97.9	0.871	2077		0.95
6	I42790	IA537STD-25	25-Jun-21	19:43:14	1.969	57145.898	114715.680	22.556	90.2	0.803	43396		0.81
7	I42791	IA537STD-50	25-Jun-21	19:59:48	1.971	55028.297	236504.828	48.293	96.6	0.860	87214		0.81
8	I42792	IA537STD-100	25-Jun-21	20:16:21	1.966	56827.293	473389.375	93.604	93.6	0.833	57726		0.81
9	I42793	IA537STD-250	25-Jun-21	20:32:55	1.971	48596.504	1129428.250	261.148	104.5	0.930	281096		0.71

Compound name: PFBA
Coefficient of Determination: R^2 = 0.997114
Calibration curve: 0.889954 * x
Response type: Internal Std (Ref 3), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



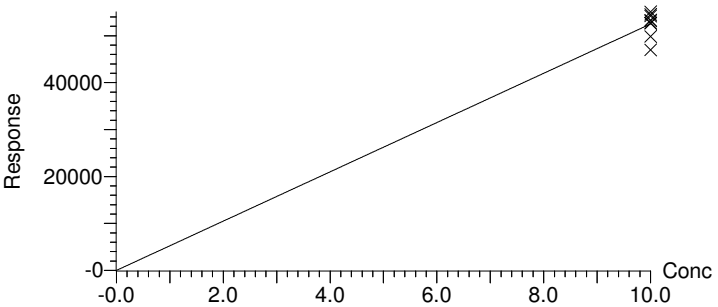
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M3PFBA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	1.962		52649.926	10.029	100.3	5264.993	9955		0.86
2	I42786	IA537STD-1	25-Jun-21	18:36:58	1.965		55084.805	10.493	104.9	5508.480	30928		0.85
3	I42787	IA537STD-2	25-Jun-21	18:53:32	1.967		54195.488	10.323	103.2	5419.549	8023		0.84
4	I42788	IA537STD-5	25-Jun-21	19:10:06	1.967		53174.184	10.129	101.3	5317.418	21544		0.87
5	I42789	IA537STD-10	25-Jun-21	19:26:39	1.972		49840.660	9.494	94.9	4984.066	21839		0.94
6	I42790	IA537STD-25	25-Jun-21	19:43:14	1.967		54558.551	10.392	103.9	5455.855	19275		0.81
7	I42791	IA537STD-50	25-Jun-21	19:59:48	1.970		53345.297	10.161	101.6	5334.530	6943		0.80
8	I42792	IA537STD-100	25-Jun-21	20:16:21	1.965		52675.707	10.034	100.3	5267.571	35088		0.81
9	I42793	IA537STD-250	25-Jun-21	20:32:55	1.970		46961.406	8.945	89.5	4696.141	7126		0.71

Compound name: M3PFBA
Response Factor: 5249.84
RRF SD: 256.817, % Relative SD: 4.8919
Response type: External Std, Area
Curve type: RF



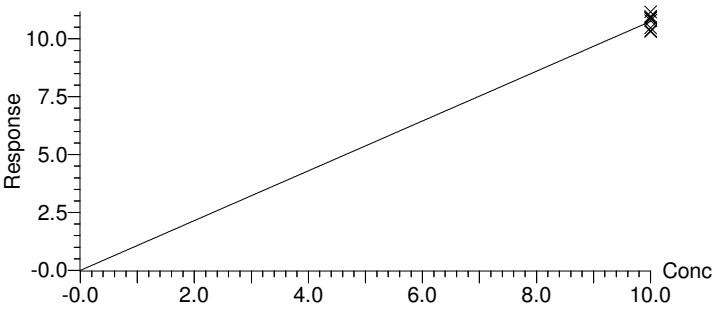
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: MPFBA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	1.963	52649.926	57780.328	10.206	102.1	1.097	44254		0.86
2	I42786	IA537STD-1	25-Jun-21	18:36:58	1.966	55084.805	60023.031	10.134	101.3	1.090	112943		0.84
3	I42787	IA537STD-2	25-Jun-21	18:53:32	1.966	54195.488	60513.422	10.384	103.8	1.117	62673		0.84
4	I42788	IA537STD-5	25-Jun-21	19:10:06	1.966	53174.184	58136.680	10.168	101.7	1.093	23841		0.87
5	I42789	IA537STD-10	25-Jun-21	19:26:39	1.973	49840.660	54205.727	10.115	101.1	1.088	39951		0.93
6	I42790	IA537STD-25	25-Jun-21	19:43:14	1.966	54558.551	57145.898	9.741	97.4	1.047	31272		0.81
7	I42791	IA537STD-50	25-Jun-21	19:59:48	1.968	53345.297	55028.297	9.594	95.9	1.032	18669		0.80
8	I42792	IA537STD-100	25-Jun-21	20:16:21	1.966	52675.707	56827.293	10.033	100.3	1.079	46464		0.81
9	I42793	IA537STD-250	25-Jun-21	20:32:55	1.970	46961.406	48596.504	9.624	96.2	1.035	12543		0.69

Compound name: MPFBA
Response Factor: 1.07524
RRF SD: 0.0300376, % Relative SD: 2.79356
Response type: Internal Std (Ref 2), Area * (IS Conc. / IS Area)
Curve type: RF



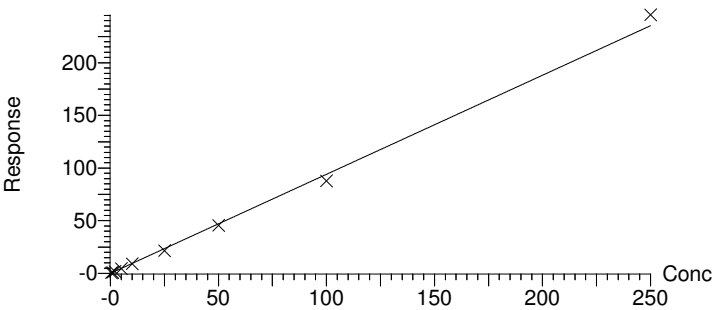
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFPeA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	4.850	65293.742	3001.893	0.489	97.7	0.920	461		0.91
2	I42786	IA537STD-1	25-Jun-21	18:36:58	4.850	66911.328	6365.286	1.011	101.1	0.951	1376		0.89
3	I42787	IA537STD-2	25-Jun-21	18:53:32	4.847	67487.727	11881.345	1.871	93.6	0.880	10568		0.88
4	I42788	IA537STD-5	25-Jun-21	19:10:06	4.852	64551.254	29487.203	4.855	97.1	0.914	11140		0.88
5	I42789	IA537STD-10	25-Jun-21	19:26:39	4.852	60132.316	55591.688	9.825	98.3	0.924	10596		0.96
6	I42790	IA537STD-25	25-Jun-21	19:43:14	4.843	62822.996	135278.266	22.885	91.5	0.861	22089		0.83
7	I42791	IA537STD-50	25-Jun-21	19:59:48	4.845	60026.988	272712.906	48.283	96.6	0.909	122857		0.82
8	I42792	IA537STD-100	25-Jun-21	20:16:21	4.845	61133.020	536881.625	93.334	93.3	0.878	135523		0.83
9	I42793	IA537STD-250	25-Jun-21	20:32:55	4.845	49834.328	1223624.250	260.948	104.4	0.982	124283		0.73

Compound name: PFPeA
Coefficient of Determination: R^2 = 0.997229
Calibration curve: 0.940946 * x
Response type: Internal Std (Ref 5), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



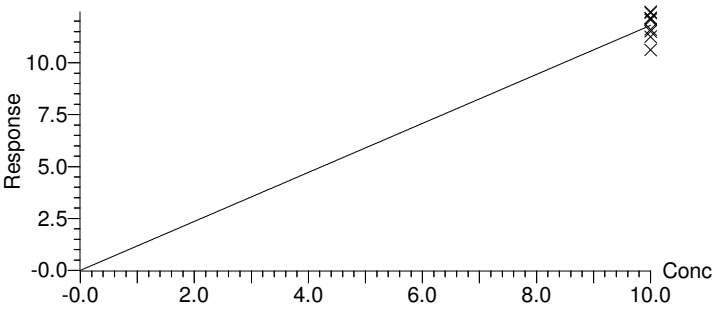
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M5PFPEA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	4.851	52649.926	65293.742	10.511	105.1	1.240	17174		0.82
2	I42786	IA537STD-1	25-Jun-21	18:36:58	4.851	55084.805	66911.328	10.295	102.9	1.215	14092		0.81
3	I42787	IA537STD-2	25-Jun-21	18:53:32	4.848	54195.488	67487.727	10.554	105.5	1.245	21059		0.81
4	I42788	IA537STD-5	25-Jun-21	19:10:06	4.851	53174.184	64551.254	10.289	102.9	1.214	25999		0.83
5	I42789	IA537STD-10	25-Jun-21	19:26:39	4.853	49840.660	60132.316	10.225	102.3	1.206	7455		0.91
6	I42790	IA537STD-25	25-Jun-21	19:43:14	4.844	54558.551	62822.996	9.759	97.6	1.151	9414		0.76
7	I42791	IA537STD-50	25-Jun-21	19:59:48	4.846	53345.297	60026.988	9.537	95.4	1.125	31033		0.74
8	I42792	IA537STD-100	25-Jun-21	20:16:21	4.846	52675.707	61133.020	9.836	98.4	1.161	12512		0.76
9	I42793	IA537STD-250	25-Jun-21	20:32:55	4.848	46961.406	49834.328	8.994	89.9	1.061	11342		0.64

Compound name: M5PFPEA
Response Factor: 1.17989
RRF SD: 0.0604607, % Relative SD: 5.12426
Response type: Internal Std (Ref 2), Area * (IS Conc. / IS Area)
Curve type: RF



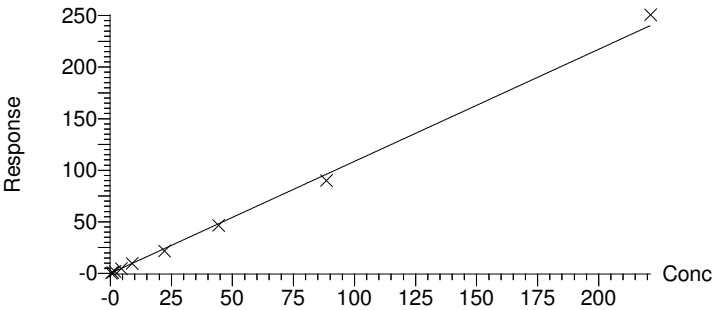
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFBS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	5.515	13296.128	591.544	0.410	92.5	1.005	177	96	0.80
2	I42786	IA537STD-1	25-Jun-21	18:36:58	5.517	13529.566	1317.789	0.897	101.3	1.101	452	128	0.71
3	I42787	IA537STD-2	25-Jun-21	18:53:32	5.512	13649.750	2418.258	1.631	92.1	1.001	3213	223	0.72
4	I42788	IA537STD-5	25-Jun-21	19:10:06	5.515	13428.799	6288.119	4.310	97.4	1.058	1281	501	0.76
5	I42789	IA537STD-10	25-Jun-21	19:26:39	5.515	12248.645	11722.187	8.809	99.5	1.081	4074	1363	0.87
6	I42790	IA537STD-25	25-Jun-21	19:43:14	5.508	12737.235	27699.564	20.017	90.5	0.983	4410	4948	0.67
7	I42791	IA537STD-50	25-Jun-21	19:59:48	5.508	12077.166	56096.438	42.754	96.6	1.050	34347	2647	0.67
8	I42792	IA537STD-100	25-Jun-21	20:16:21	5.508	11898.238	107187.992	82.922	93.7	1.018	25445	15160	0.68
9	I42793	IA537STD-250	25-Jun-21	20:32:55	5.510	9269.692	232379.156	230.748	104.3	1.133	43501	17921	0.56

Compound name: PFBS
Coefficient of Determination: R^2 = 0.997270
Calibration curve: 1.08641 * x
Response type: Internal Std (Ref 7), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



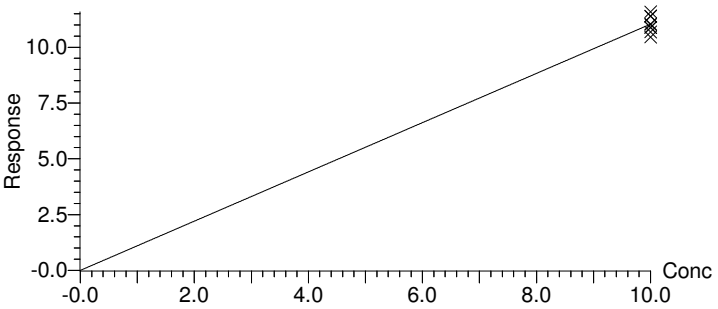
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M3PFBS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	5.513	12049.551	13296.128	10.001	100.0	1.103	2236		0.77
2	I42786	IA537STD-1	25-Jun-21	18:36:58	5.515	12436.962	13529.566	9.860	98.6	1.088	1902		0.72
3	I42787	IA537STD-2	25-Jun-21	18:53:32	5.510	11973.752	13649.750	10.332	103.3	1.140	4850		0.73
4	I42788	IA537STD-5	25-Jun-21	19:10:06	5.513	12188.990	13428.799	9.985	99.9	1.102	2158		0.77
5	I42789	IA537STD-10	25-Jun-21	19:26:39	5.513	11257.388	12248.645	9.862	98.6	1.088	3208		0.88
6	I42790	IA537STD-25	25-Jun-21	19:43:14	5.506	12191.913	12737.235	9.469	94.7	1.045	3893		0.67
7	I42791	IA537STD-50	25-Jun-21	19:59:48	5.508	11312.826	12077.166	9.676	96.8	1.068	914		0.65
8	I42792	IA537STD-100	25-Jun-21	20:16:21	5.508	10453.800	11898.238	10.316	103.2	1.138	9438		0.66
9	I42793	IA537STD-250	25-Jun-21	20:32:55	5.508	8001.944	9269.692	10.499	105.0	1.158	16203		0.57

Compound name: M3PFBS
Response Factor: 1.10333
RRF SD: 0.0367112, % Relative SD: 3.32732
Response type: Internal Std (Ref 32), Area * (IS Conc. / IS Area)
Curve type: RF



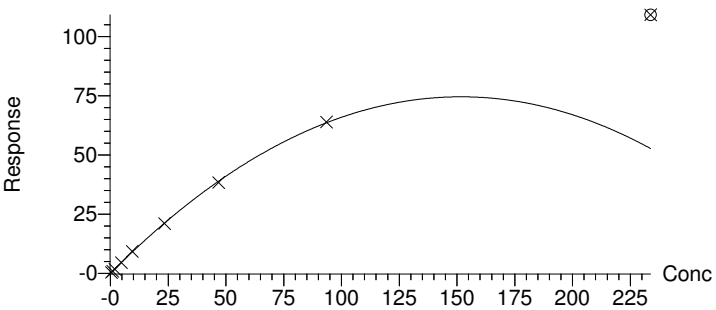
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: 4:2FTS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	6.674	4751.496	197.504	0.423	90.5	0.889	169	7	0.92
2	I42786	IA537STD-1	25-Jun-21	18:36:58	6.670	4848.491	448.143	0.943	100.8	0.989	93	40	1.03
3	I42787	IA537STD-2	25-Jun-21	18:53:32	6.666	4949.058	898.811	1.858	99.3	0.971	149	41	0.94
4	I42788	IA537STD-5	25-Jun-21	19:10:06	6.670	4876.582	2258.045	4.783	102.3	0.990	39070	69	0.97
5	I42789	IA537STD-10	25-Jun-21	19:26:39	6.674	4586.584	4269.456	9.779	104.6	0.996	331	349	1.12
6	I42790	IA537STD-25	25-Jun-21	19:43:14	6.662	4981.509	10485.229	23.169	99.1	0.900	175390	371	0.93
7	I42791	IA537STD-50	25-Jun-21	19:59:48	6.662	5423.619	20794.605	45.937	98.3	0.820	2194	473	0.92
8	I42792	IA537STD-100	25-Jun-21	20:16:21	6.662	6731.338	43008.996	94.237	100.8	0.683	3614	2224	0.90
9	I42793	IA537STD-250	25-Jun-21	20:32:55	6.658	9131.959	99727.539			0.467	7599	5887	0.88

Compound name: 4:2FTS
Coefficient of Determination: R^2 = 0.999676
Calibration curve: -0.00324274 * x^2 + 0.983598 * x
Response type: Internal Std (Ref 9), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



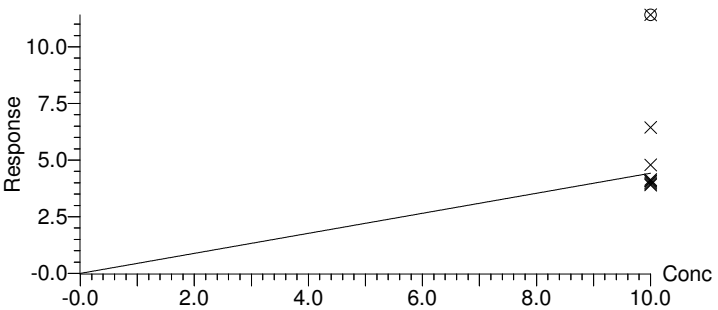
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M2-4:2FTS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	6.674	12049.551	4751.496	8.919	89.2	0.394	1039		0.92
2	I42786	IA537STD-1	25-Jun-21	18:36:58	6.674	12436.962	4848.491	8.818	88.2	0.390	395		0.92
3	I42787	IA537STD-2	25-Jun-21	18:53:32	6.666	11973.752	4949.058	9.349	93.5	0.413	600		0.93
4	I42788	IA537STD-5	25-Jun-21	19:10:06	6.670	12188.990	4876.582	9.049	90.5	0.400	1091		0.94
5	I42789	IA537STD-10	25-Jun-21	19:26:39	6.674	11257.388	4586.584	9.215	92.2	0.407	436		1.01
6	I42790	IA537STD-25	25-Jun-21	19:43:14	6.662	12191.913	4981.509	9.242	92.4	0.409	881		0.94
7	I42791	IA537STD-50	25-Jun-21	19:59:48	6.662	11312.826	5423.619	10.844	108.4	0.479	90583		0.90
8	I42792	IA537STD-100	25-Jun-21	20:16:21	6.662	10453.800	6731.338	14.564	145.6	0.644	1102		0.91
9	I42793	IA537STD-250	25-Jun-21	20:32:55	6.659	8001.944	9131.959	25.813	258.1	1.141	2041		0.89

Compound name: M2-4:2FTS
Response Factor: 0.442117
RRF SD: 0.0862327, % Relative SD: 19.5045
Response type: Internal Std (Ref 32), Area * (IS Conc. / IS Area)
Curve type: RF



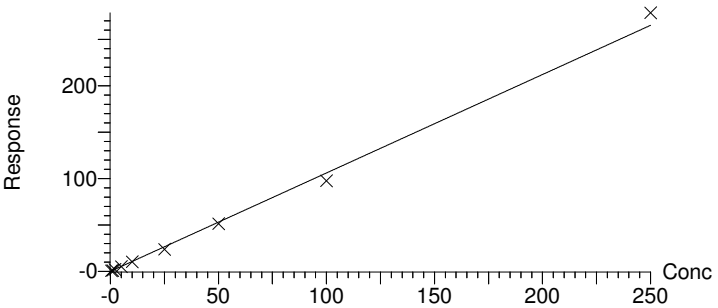
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFHxA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	6.745	69092.836	4253.300	0.580	116.0	1.231	496	36	0.96
2	I42786	IA537STD-1	25-Jun-21	18:36:58	6.745	71767.094	8367.647	1.099	109.9	1.166	848	62	0.97
3	I42787	IA537STD-2	25-Jun-21	18:53:32	6.736	71122.000	14613.060	1.936	96.8	1.027	2847	138	1.02
4	I42788	IA537STD-5	25-Jun-21	19:10:06	6.740	68872.398	35119.141	4.806	96.1	1.020	4834	235	1.04
5	I42789	IA537STD-10	25-Jun-21	19:26:39	6.745	63598.234	65785.844	9.749	97.5	1.034	1598	308	1.04
6	I42790	IA537STD-25	25-Jun-21	19:43:14	6.735	66333.828	157728.188	22.410	89.6	0.951	12563	801	0.97
7	I42791	IA537STD-50	25-Jun-21	19:59:48	6.735	62021.500	317867.688	48.303	96.6	1.025	18733	2605	0.96
8	I42792	IA537STD-100	25-Jun-21	20:16:21	6.735	61755.355	602625.625	91.968	92.0	0.976	16100	2727	0.96
9	I42793	IA537STD-250	25-Jun-21	20:32:55	6.731	48768.344	1359090.750	262.649	105.1	1.115	49327	8392	0.96

Compound name: PFHxA
Coefficient of Determination: R^2 = 0.996112
Calibration curve: 1.06105 * x
Response type: Internal Std (Ref 11), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



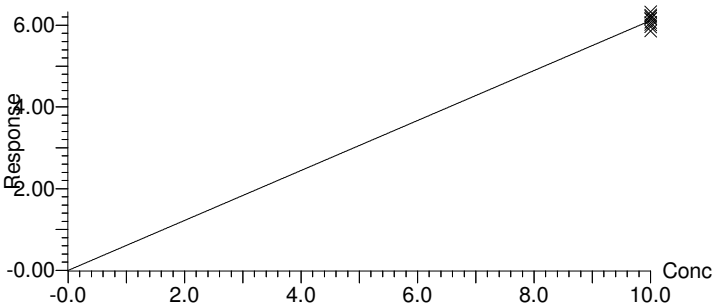
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M5PFHxA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	6.746	111073.586	69092.836	10.173	101.7	0.622	5800		0.97
2	I42786	IA537STD-1	25-Jun-21	18:36:58	6.741	118228.344	71767.094	9.927	99.3	0.607	5247		1.03
3	I42787	IA537STD-2	25-Jun-21	18:53:32	6.737	112389.805	71122.000	10.349	103.5	0.633	2471		0.99
4	I42788	IA537STD-5	25-Jun-21	19:10:06	6.741	110228.664	68872.398	10.218	102.2	0.625	3257		1.00
5	I42789	IA537STD-10	25-Jun-21	19:26:39	6.746	103278.344	63598.234	10.071	100.7	0.616	1348		1.00
6	I42790	IA537STD-25	25-Jun-21	19:43:14	6.737	110312.555	66333.828	9.834	98.3	0.601	5301		0.93
7	I42791	IA537STD-50	25-Jun-21	19:59:48	6.732	105813.898	62021.500	9.586	95.9	0.586	12582		1.00
8	I42792	IA537STD-100	25-Jun-21	20:16:21	6.732	100008.320	61755.355	10.099	101.0	0.618	6891		1.01
9	I42793	IA537STD-250	25-Jun-21	20:32:55	6.732	81871.438	48768.344	9.742	97.4	0.596	4460		0.93

Compound name: M5PFHxA
Response Factor: 0.611458
RRF SD: 0.0150611, % Relative SD: 2.46314
Response type: Internal Std (Ref 23), Area * (IS Conc. / IS Area)
Curve type: RF



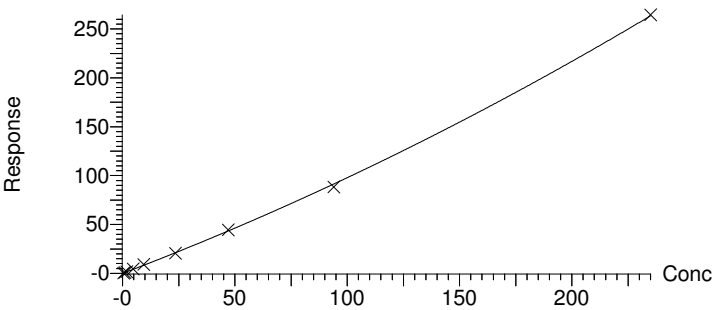
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFPeS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	7.075	15614.954	611.768	0.448	95.4	0.834	551	69	0.89
2	I42786	IA537STD-1	25-Jun-21	18:36:58	7.075	15923.893	1441.627	1.035	110.1	0.963	221	167	0.92
3	I42787	IA537STD-2	25-Jun-21	18:53:32	7.067	15851.401	2803.457	2.020	107.4	0.941	564	448	0.97
4	I42788	IA537STD-5	25-Jun-21	19:10:06	7.071	15344.866	6810.514	5.050	107.4	0.944	1405	913	0.98
5	I42789	IA537STD-10	25-Jun-21	19:26:39	7.075	14276.569	13139.021	10.404	110.7	0.979	2154	771	1.03
6	I42790	IA537STD-25	25-Jun-21	19:43:14	7.067	14892.317	30663.672	22.935	97.6	0.876	4779	1857	0.93
7	I42791	IA537STD-50	25-Jun-21	19:59:48	7.063	13709.874	61044.855	48.170	102.5	0.947	5062	2730	1.00
8	I42792	IA537STD-100	25-Jun-21	20:16:21	7.063	13095.640	115817.977	91.204	97.0	0.941	8676	3683	0.95
9	I42793	IA537STD-250	25-Jun-21	20:32:55	7.059	9182.548	242835.391	235.713	100.3	1.125	9895	10543	0.95

Compound name: PFPeS
Coefficient of Determination: R^2 = 0.999407
Calibration curve: 0.00105348 * x^2 + 0.873611 * x
Response type: Internal Std (Ref 18), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



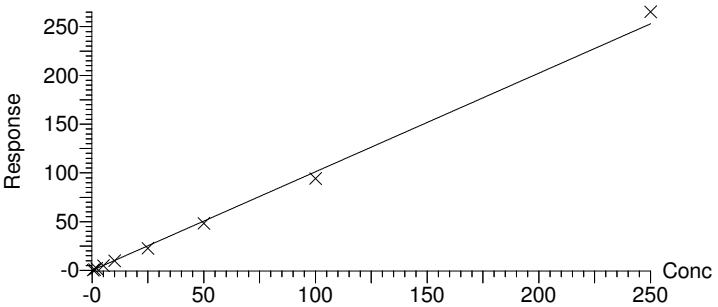
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFHpA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	8.025	104333.477	5086.468	0.482	96.4	0.975	1223	183	1.04
2	I42786	IA537STD-1	25-Jun-21	18:36:58	8.023	108293.328	10877.809	0.993	99.3	1.004	1556	71	1.15
3	I42787	IA537STD-2	25-Jun-21	18:53:32	8.021	107150.211	20255.795	1.868	93.4	0.945	3188	489	1.09
4	I42788	IA537STD-5	25-Jun-21	19:10:06	8.027	102990.773	50076.461	4.806	96.1	0.972	6695	1382	1.01
5	I42789	IA537STD-10	25-Jun-21	19:26:39	8.027	96549.680	94619.734	9.686	96.9	0.980	7212	1295	1.06
6	I42790	IA537STD-25	25-Jun-21	19:43:14	8.019	98716.922	224895.484	22.516	90.1	0.911	13304	3514	1.06
7	I42791	IA537STD-50	25-Jun-21	19:59:48	8.017	92801.453	449167.406	47.837	95.7	0.968	18775	5539	1.07
8	I42792	IA537STD-100	25-Jun-21	20:16:21	8.012	90321.172	851280.500	93.151	93.2	0.943	37541	13668	1.13
9	I42793	IA537STD-250	25-Jun-21	20:32:55	8.017	69738.391	1849842.625	262.162	104.9	1.061	38005	18596	1.08

Compound name: PFHpA
Coefficient of Determination: R^2 = 0.996645
Calibration curve: 1.0118 * x
Response type: Internal Std (Ref 14), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



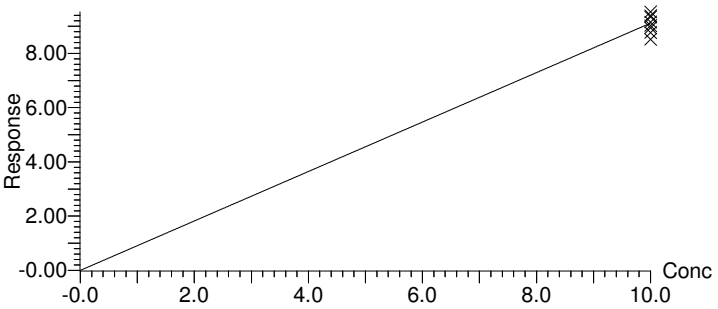
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M4PFHpA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	8.025	111073.586	104333.477	10.304	103.0	0.939	5474		1.06
2	I42786	IA537STD-1	25-Jun-21	18:36:58	8.023	118228.344	108293.328	10.048	100.5	0.916	7325		1.10
3	I42787	IA537STD-2	25-Jun-21	18:53:32	8.021	112389.805	107150.211	10.458	104.6	0.953	10525		1.06
4	I42788	IA537STD-5	25-Jun-21	19:10:06	8.025	110228.664	102990.773	10.249	102.5	0.934	11261		1.05
5	I42789	IA537STD-10	25-Jun-21	19:26:39	8.025	103278.344	96549.680	10.255	102.5	0.935	7401		1.12
6	I42790	IA537STD-25	25-Jun-21	19:43:14	8.019	110312.555	98716.922	9.816	98.2	0.895	8711		1.04
7	I42791	IA537STD-50	25-Jun-21	19:59:48	8.015	105813.898	92801.453	9.620	96.2	0.877	5712		1.10
8	I42792	IA537STD-100	25-Jun-21	20:16:21	8.012	100008.320	90321.172	9.907	99.1	0.903	11666		1.12
9	I42793	IA537STD-250	25-Jun-21	20:32:55	8.015	81871.438	69738.391	9.344	93.4	0.852	5249		1.11

Compound name: M4PFHpA
Response Factor: 0.911634
RRF SD: 0.0330011, % Relative SD: 3.61999
Response type: Internal Std (Ref 23), Area * (IS Conc. / IS Area)
Curve type: RF



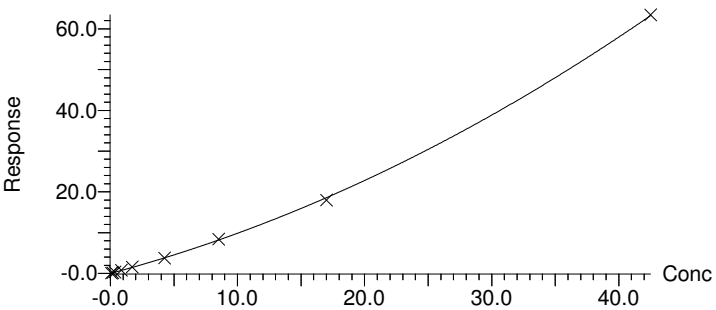
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: br-PFHxS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	7.956	15614.954	97.810	0.075	88.7	0.737	15	5	0.50
2	I42786	IA537STD-1	25-Jun-21	18:36:58	7.958	15923.893	250.435	0.189	111.1	0.925	20	5	0.50
3	I42787	IA537STD-2	25-Jun-21	18:53:32	7.956	15851.401	461.364	0.348	102.5	0.856	5	19	0.39
4	I42788	IA537STD-5	25-Jun-21	19:10:06	7.958	15344.866	1206.948	0.932	109.6	0.925	75	36	0.47
5	I42789	IA537STD-10	25-Jun-21	19:26:39	7.960	14276.569	2282.906	1.862	109.5	0.941	141	101	0.45
6	I42790	IA537STD-25	25-Jun-21	19:43:14	7.951	14892.317	5586.949	4.193	98.7	0.883	121	204	0.45
7	I42791	IA537STD-50	25-Jun-21	19:59:48	7.951	13709.874	11522.106	8.711	102.5	0.989	1050	301	0.41
8	I42792	IA537STD-100	25-Jun-21	20:16:21	7.949	13095.640	23558.871	16.559	97.4	1.058	1590	949	0.42
9	I42793	IA537STD-250	25-Jun-21	20:32:55	7.951	9182.548	58256.574	42.588	100.2	1.493	923	1184	0.42

Compound name: br-PFHxS
Coefficient of Determination: R^2 = 0.999607
Calibration curve: 0.0154938 * x^2 + 0.829815 * x
Response type: Internal Std (Ref 18), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



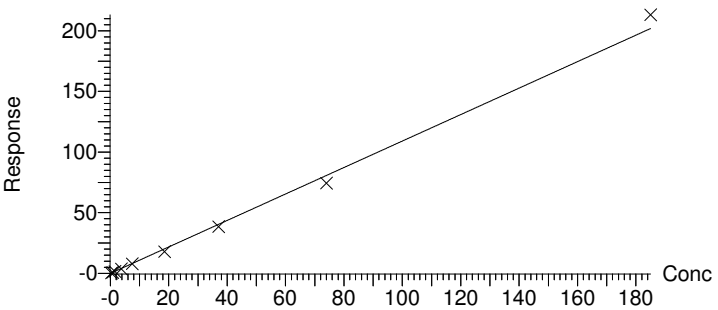
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: L-PFHxS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	8.194	15614.954	606.200	0.356	96.2	1.049	114	60	1.05
2	I42786	IA537STD-1	25-Jun-21	18:36:58	8.192	15923.893	1265.800	0.729	98.4	1.074	176	52	1.14
3	I42787	IA537STD-2	25-Jun-21	18:53:32	8.190	15851.401	2428.331	1.404	94.9	1.035	43	218	1.08
4	I42788	IA537STD-5	25-Jun-21	19:10:06	8.196	15344.866	5811.142	3.471	93.8	1.024	564	422	1.08
5	I42789	IA537STD-10	25-Jun-21	19:26:39	8.192	14276.569	11296.776	7.252	98.0	1.069	1145	1095	1.25
6	I42790	IA537STD-25	25-Jun-21	19:43:14	8.186	14892.317	26533.008	16.329	88.3	0.963	945	2242	1.13
7	I42791	IA537STD-50	25-Jun-21	19:59:48	8.181	13709.874	52627.758	35.181	95.1	1.037	7628	2910	1.18
8	I42792	IA537STD-100	25-Jun-21	20:16:21	8.181	13095.640	97342.688	68.125	92.1	1.004	10038	7825	1.10
9	I42793	IA537STD-250	25-Jun-21	20:32:55	8.181	9182.548	195719.125	195.344	105.6	1.152	4556	8020	1.22

Compound name: L-PFHxS
Coefficient of Determination: R^2 = 0.995527
Calibration curve: 1.09111 * x
Response type: Internal Std (Ref 18), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



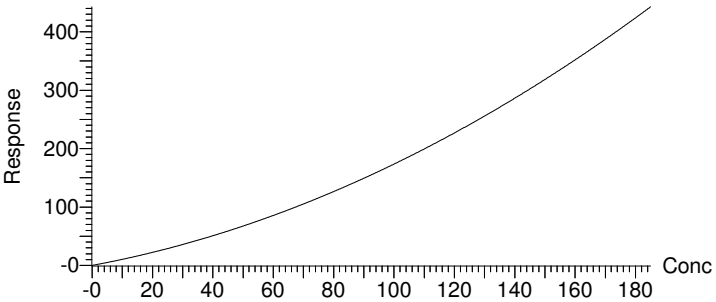
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFHxS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	ng/mL	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24		15614.954	704.010	0.431					
2	I42786	IA537STD-1	25-Jun-21	18:36:58		15923.893	1516.235	0.917					
3	I42787	IA537STD-2	25-Jun-21	18:53:32		15851.401	2889.695	1.752					
4	I42788	IA537STD-5	25-Jun-21	19:10:06		15344.866	7018.090	4.402					
5	I42789	IA537STD-10	25-Jun-21	19:26:39		14276.569	13579.682	9.114					
6	I42790	IA537STD-25	25-Jun-21	19:43:14		14892.317	32119.957	20.522					
7	I42791	IA537STD-50	25-Jun-21	19:59:48		13709.874	64149.864	43.892					
8	I42792	IA537STD-100	25-Jun-21	20:16:21		13095.640	120901.559	84.684					
9	I42793	IA537STD-250	25-Jun-21	20:32:55		9182.548	253975.699	237.932					

Compound name: PFHxS
Coefficient of Determination: 0.000000
Calibration curve: 0.960465 * x
Response type: Internal Std (Ref 18), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



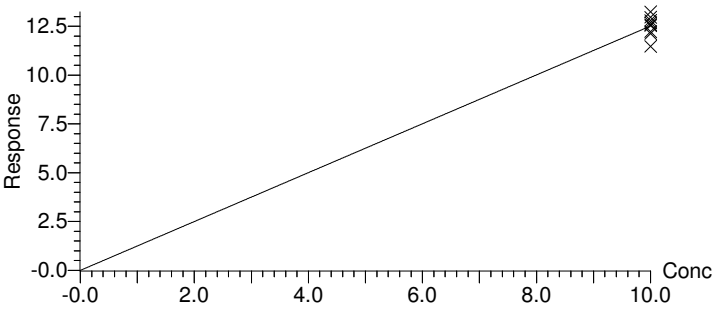
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M3PFHxS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	8.194	12049.551	15614.954	10.357	103.6	1.296	2493		1.01
2	I42786	IA537STD-1	25-Jun-21	18:36:58	8.190	12436.962	15923.893	10.233	102.3	1.280	4048		1.16
3	I42787	IA537STD-2	25-Jun-21	18:53:32	8.190	11973.752	15851.401	10.581	105.8	1.324	1240		1.04
4	I42788	IA537STD-5	25-Jun-21	19:10:06	8.194	12188.990	15344.866	10.062	100.6	1.259	4313		1.12
5	I42789	IA537STD-10	25-Jun-21	19:26:39	8.192	11257.388	14276.569	10.136	101.4	1.268	3665		1.17
6	I42790	IA537STD-25	25-Jun-21	19:43:14	8.186	12191.913	14892.317	9.763	97.6	1.221	871		1.07
7	I42791	IA537STD-50	25-Jun-21	19:59:48	8.182	11312.826	13709.874	9.686	96.9	1.212	5474		1.14
8	I42792	IA537STD-100	25-Jun-21	20:16:21	8.179	10453.800	13095.640	10.012	100.1	1.253	1917		1.10
9	I42793	IA537STD-250	25-Jun-21	20:32:55	8.182	8001.944	9182.548	9.171	91.7	1.148	892		1.16

Compound name: M3PFHxS
Response Factor: 1.25121
RRF SD: 0.0520216, % Relative SD: 4.15772
Response type: Internal Std (Ref 32), Area * (IS Conc. / IS Area)
Curve type: RF



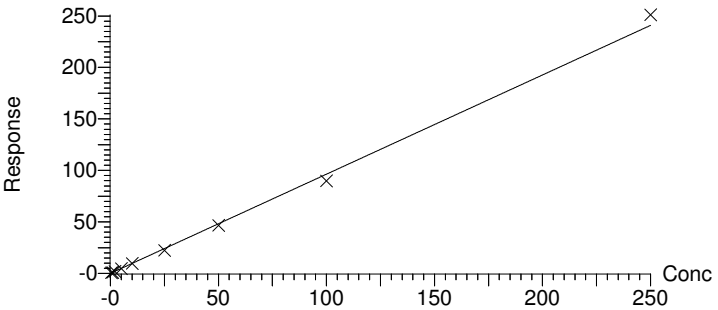
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: br-PFOA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	ng/mL	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24		117048.922							
2	I42786	IA537STD-1	25-Jun-21	18:36:58		120009.203							
3	I42787	IA537STD-2	25-Jun-21	18:53:32		118134.039							
4	I42788	IA537STD-5	25-Jun-21	19:10:06		114318.727							
5	I42789	IA537STD-10	25-Jun-21	19:26:39		105604.391							
6	I42790	IA537STD-25	25-Jun-21	19:43:14		109396.984							
7	I42791	IA537STD-50	25-Jun-21	19:59:48		103999.078							
8	I42792	IA537STD-100	25-Jun-21	20:16:21		101645.789						3	
9	I42793	IA537STD-250	25-Jun-21	20:32:55		79135.219							

Compound name: L-PFOA
Coefficient of Determination: R^2 = 0.997360
Calibration curve: 0.963664 * x
Response type: Internal Std (Ref 22), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



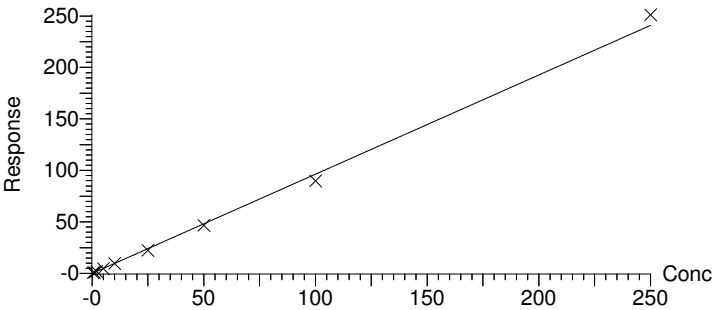
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: L-PFOA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	8.971	117048.922	5750.773	0.510	102.0	0.983	635	91	1.17
2	I42786	IA537STD-1	25-Jun-21	18:36:58	8.968	120009.203	12153.361	1.051	105.1	1.013	1235	179	1.16
3	I42787	IA537STD-2	25-Jun-21	18:53:32	8.968	118134.039	22186.348	1.949	97.4	0.939	2586	550	1.03
4	I42788	IA537STD-5	25-Jun-21	19:10:06	8.979	114318.727	53669.793	4.872	97.4	0.939	4288	761	1.11
5	I42789	IA537STD-10	25-Jun-21	19:26:39	8.975	105604.391	100361.336	9.862	98.6	0.950	6767	1988	1.14
6	I42790	IA537STD-25	25-Jun-21	19:43:14	8.960	109396.984	244078.813	23.153	92.6	0.892	16217	2806	1.08
7	I42791	IA537STD-50	25-Jun-21	19:59:48	8.956	103999.078	484990.219	48.392	96.8	0.933	20491	8010	1.13
8	I42792	IA537STD-100	25-Jun-21	20:16:21	8.956	101645.789	912100.938	93.117	93.1	0.897	41548	6481	1.08
9	I42793	IA537STD-250	25-Jun-21	20:32:55	8.960	79135.219	1987289.750	260.595	104.2	1.005	63804	8741	1.13

Compound name: L-PFOA
Coefficient of Determination: R^2 = 0.997360
Calibration curve: 0.963664 * x
Response type: Internal Std (Ref 22), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



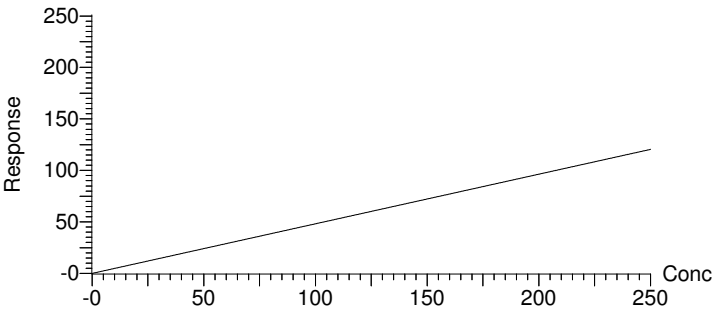
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFOA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	ng/mL	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24		117048.922	5750.773	0.510					
2	I42786	IA537STD-1	25-Jun-21	18:36:58		120009.203	12153.361	1.051					
3	I42787	IA537STD-2	25-Jun-21	18:53:32		118134.039	22186.348	1.949					
4	I42788	IA537STD-5	25-Jun-21	19:10:06		114318.727	53669.793	4.872					
5	I42789	IA537STD-10	25-Jun-21	19:26:39		105604.391	100361.336	9.862					
6	I42790	IA537STD-25	25-Jun-21	19:43:14		109396.984	244078.813	23.153					
7	I42791	IA537STD-50	25-Jun-21	19:59:48		103999.078	484990.219	48.392					
8	I42792	IA537STD-100	25-Jun-21	20:16:21		101645.789	912100.938	93.117					
9	I42793	IA537STD-250	25-Jun-21	20:32:55		79135.219	1987289.750	260.595					

Compound name: PFOA
Coefficient of Determination: 0.000000
Calibration curve: 0.481832 * x
Response type: Internal Std (Ref 22), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



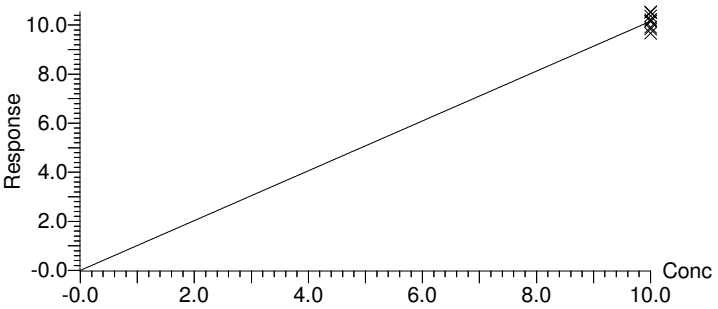
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M8PFOA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	8.972	111073.586	117048.922	10.380	103.8	1.054	6206		1.07
2	I42786	IA537STD-1	25-Jun-21	18:36:58	8.968	118228.344	120009.203	9.998	100.0	1.015	6715		1.07
3	I42787	IA537STD-2	25-Jun-21	18:53:32	8.965	112389.805	118134.039	10.353	103.5	1.051	9040		1.09
4	I42788	IA537STD-5	25-Jun-21	19:10:06	8.980	110228.664	114318.727	10.215	102.2	1.037	12253		1.04
5	I42789	IA537STD-10	25-Jun-21	19:26:39	8.976	103278.344	105604.391	10.072	100.7	1.023	10906		1.06
6	I42790	IA537STD-25	25-Jun-21	19:43:14	8.961	110312.555	109396.984	9.768	97.7	0.992	8224		1.04
7	I42791	IA537STD-50	25-Jun-21	19:59:48	8.957	105813.898	103999.078	9.681	96.8	0.983	4323		1.05
8	I42792	IA537STD-100	25-Jun-21	20:16:21	8.953	100008.320	101645.789	10.011	100.1	1.016	18727		1.13
9	I42793	IA537STD-250	25-Jun-21	20:32:55	8.961	81871.438	79135.219	9.521	95.2	0.967	14971		1.06

Compound name: M8PFOA
Response Factor: 1.01523
RRF SD: 0.0301597, % Relative SD: 2.97072
Response type: Internal Std (Ref 23), Area * (IS Conc. / IS Area)
Curve type: RF



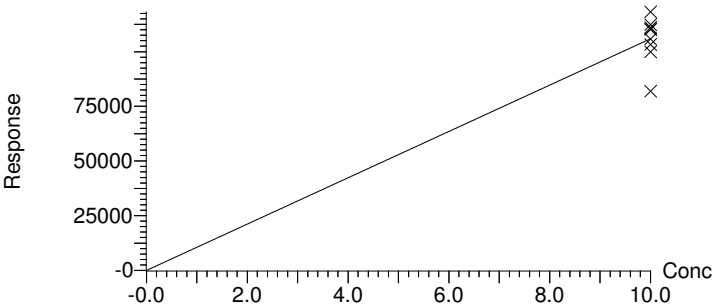
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M2PFOA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	ng/mL	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	8.972		111073.586	10.487	104.9	11107.359	9263		1.13
2	I42786	IA537STD-1	25-Jun-21	18:36:58	8.968		118228.344	11.163	111.6	11822.834	8857		1.14
3	I42787	IA537STD-2	25-Jun-21	18:53:32	8.968		112389.805	10.612	106.1	11238.981	5225		1.04
4	I42788	IA537STD-5	25-Jun-21	19:10:06	8.979		110228.664	10.408	104.1	11022.866	8549		1.09
5	I42789	IA537STD-10	25-Jun-21	19:26:39	8.976		103278.344	9.751	97.5	10327.834	11787		1.12
6	I42790	IA537STD-25	25-Jun-21	19:43:14	8.960		110312.555	10.416	104.2	11031.255	6623		1.07
7	I42791	IA537STD-50	25-Jun-21	19:59:48	8.956		105813.898	9.991	99.9	10581.390	7362		1.09
8	I42792	IA537STD-100	25-Jun-21	20:16:21	8.956		100008.320	9.443	94.4	10000.832	7090		1.07
9	I42793	IA537STD-250	25-Jun-21	20:32:55	8.960		81871.438	7.730	77.3	8187.144	6763		1.11

Compound name: M2PFOA
Response Factor: 10591.2
RRF SD: 1047.64, % Relative SD: 9.89166
Response type: External Std, Area
Curve type: RF



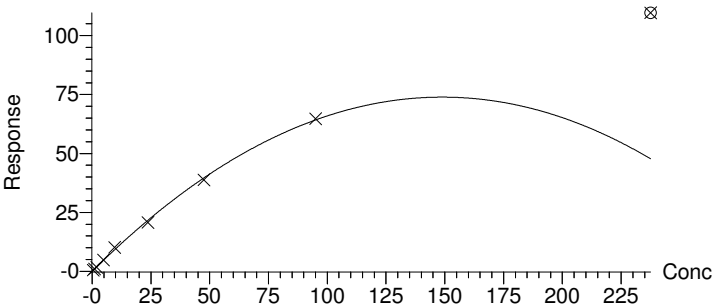
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: 6:2FTS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	8.935	5065.368	244.469	0.487	102.5	1.016	5673	54	1.00
2	I42786	IA537STD-1	25-Jun-21	18:36:58	8.931	4910.231	507.770	1.045	110.0	1.089	10777	25	1.06
3	I42787	IA537STD-2	25-Jun-21	18:53:32	8.927	5237.483	905.793	1.752	92.2	0.910	413	5248	1.11
4	I42788	IA537STD-5	25-Jun-21	19:10:06	8.938	4950.828	2405.176	4.977	104.8	1.023	305	12619	1.05
5	I42789	IA537STD-10	25-Jun-21	19:26:39	8.934	4655.965	4742.821	10.641	112.0	1.072	715	640	1.11
6	I42790	IA537STD-25	25-Jun-21	19:43:14	8.919	5135.331	10666.064	22.642	95.3	0.875	1010	387	1.13
7	I42791	IA537STD-50	25-Jun-21	19:59:48	8.915	5712.093	22157.408	46.256	97.4	0.817	4715	1103	1.16
8	I42792	IA537STD-100	25-Jun-21	20:16:21	8.915	6614.043	42839.574	96.526	101.6	0.682	3393	1789	1.10
9	I42793	IA537STD-250	25-Jun-21	20:32:55	8.919	8562.500	93903.438			0.462	9377	3875	1.11

Compound name: 6:2FTS
Coefficient of Determination: R^2 = 0.997963
Calibration curve: -0.00333368 * x^2 + 0.992804 * x
Response type: Internal Std (Ref 25), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



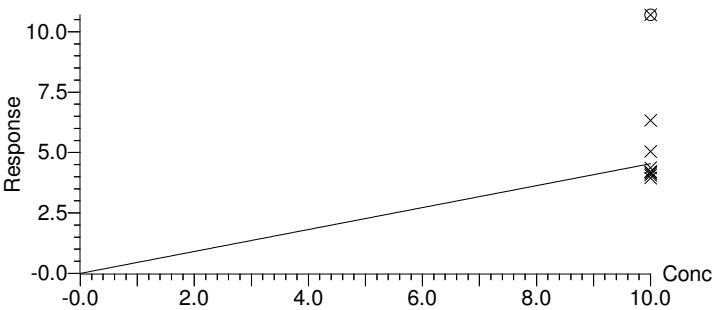
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M2-6:2FTS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	8.935	12049.551	5065.368	9.262	92.6	0.420	987		1.01
2	I42786	IA537STD-1	25-Jun-21	18:36:58	8.927	12436.962	4910.231	8.698	87.0	0.395	402		1.14
3	I42787	IA537STD-2	25-Jun-21	18:53:32	8.927	11973.752	5237.483	9.637	96.4	0.437	1437		1.07
4	I42788	IA537STD-5	25-Jun-21	19:10:06	8.939	12188.990	4950.828	8.949	89.5	0.406	788		1.07
5	I42789	IA537STD-10	25-Jun-21	19:26:39	8.935	11257.388	4655.965	9.112	91.1	0.414	4142		1.12
6	I42790	IA537STD-25	25-Jun-21	19:43:14	8.920	12191.913	5135.331	9.280	92.8	0.421	1796		1.14
7	I42791	IA537STD-50	25-Jun-21	19:59:48	8.916	11312.826	5712.093	11.124	111.2	0.505	826		1.10
8	I42792	IA537STD-100	25-Jun-21	20:16:21	8.916	10453.800	6614.043	13.939	139.4	0.633	1884		1.08
9	I42793	IA537STD-250	25-Jun-21	20:32:55	8.920	8001.944	8562.500	23.575	235.7	1.070	880		1.12

Compound name: M2-6:2FTS
Response Factor: 0.453898
RRF SD: 0.0796678, % Relative SD: 17.5519
Response type: Internal Std (Ref 32), Area * (IS Conc. / IS Area)
Curve type: RF



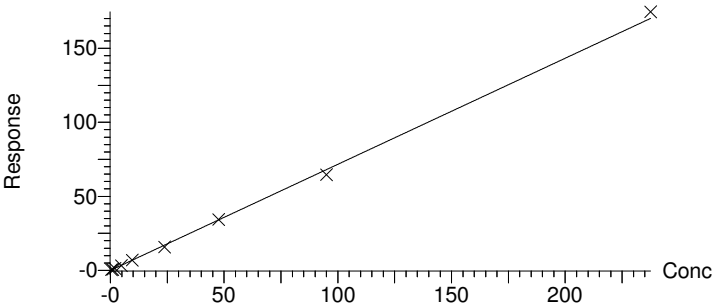
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFHpS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	9.069	13683.243	459.649	0.469	98.7	0.707	9336	186	1.12
2	I42786	IA537STD-1	25-Jun-21	18:36:58	9.069	14170.416	999.035	0.984	103.6	0.742	477	240	1.01
3	I42787	IA537STD-2	25-Jun-21	18:53:32	9.065	13979.718	1797.206	1.794	94.4	0.677	36673	197	0.97
4	I42788	IA537STD-5	25-Jun-21	19:10:06	9.077	13761.020	4491.080	4.555	95.9	0.687	994	338	1.08
5	I42789	IA537STD-10	25-Jun-21	19:26:39	9.073	12706.000	8693.948	9.551	100.5	0.720	1600	885	1.10
6	I42790	IA537STD-25	25-Jun-21	19:43:14	9.058	13242.184	20906.936	22.037	92.8	0.665	3025	7762	1.06
7	I42791	IA537STD-50	25-Jun-21	19:59:48	9.054	12124.383	41676.914	47.980	101.0	0.724	9934	3482	1.09
8	I42792	IA537STD-100	25-Jun-21	20:16:21	9.054	11908.705	76993.695	90.243	95.0	0.681	9453	19228	1.06
9	I42793	IA537STD-250	25-Jun-21	20:32:55	9.058	8703.244	151962.359	243.712	102.6	0.735	15852	10682	1.09

Compound name: PFHpS
Coefficient of Determination: R^2 = 0.998648
Calibration curve: 0.716437 * x
Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



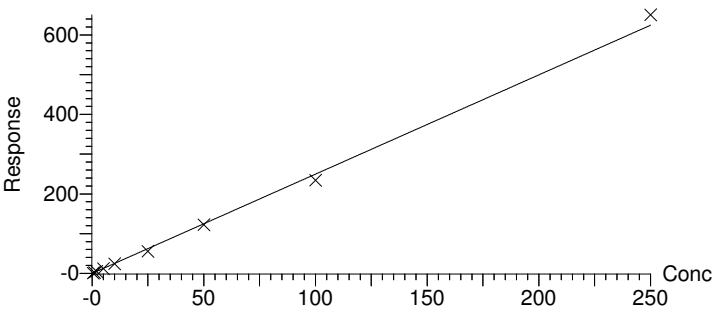
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFNA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	9.735	34202.035	4109.642	0.481	96.2	2.403	556	55	1.02
2	I42786	IA537STD-1	25-Jun-21	18:36:58	9.728	35439.203	8675.071	0.980	98.0	2.448	1451	376	1.02
3	I42787	IA537STD-2	25-Jun-21	18:53:32	9.724	34813.086	16261.913	1.870	93.5	2.336	2694	2132	1.00
4	I42788	IA537STD-5	25-Jun-21	19:10:06	9.739	32891.797	40270.457	4.901	98.0	2.449	4076	2432	1.11
5	I42789	IA537STD-10	25-Jun-21	19:26:39	9.733	30742.088	75479.609	9.829	98.3	2.455	4897	2041	1.05
6	I42790	IA537STD-25	25-Jun-21	19:43:14	9.722	31982.266	178886.375	22.392	89.6	2.237	12831	2721	0.99
7	I42791	IA537STD-50	25-Jun-21	19:59:48	9.718	29163.150	355761.281	48.837	97.7	2.440	26325	6958	1.00
8	I42792	IA537STD-100	25-Jun-21	20:16:21	9.720	28294.178	662653.563	93.759	93.8	2.342	10767	8795	1.00
9	I42793	IA537STD-250	25-Jun-21	20:32:55	9.720	21506.293	1399159.250	260.450	104.2	2.602	80246	20754	1.02

Compound name: PFNA
Coefficient of Determination: R^2 = 0.997319
Calibration curve: 2.49791 * x
Response type: Internal Std (Ref 28), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



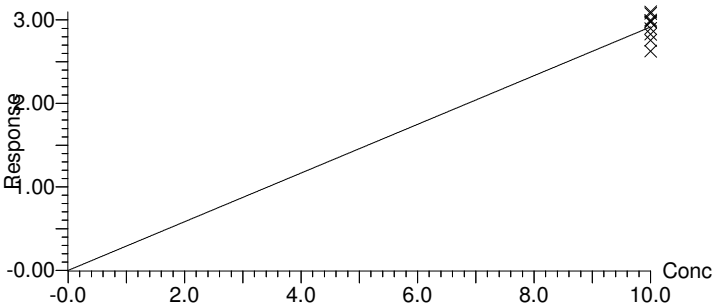
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M9PFNA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	9.733	111073.586	34202.035	10.559	105.6	0.308	236		1.14
2	I42786	IA537STD-1	25-Jun-21	18:36:58	9.726	118228.344	35439.203	10.279	102.8	0.300	1635		1.13
3	I42787	IA537STD-2	25-Jun-21	18:53:32	9.722	112389.805	34813.086	10.622	106.2	0.310	2634		1.05
4	I42788	IA537STD-5	25-Jun-21	19:10:06	9.739	110228.664	32891.797	10.232	102.3	0.298	2680		1.07
5	I42789	IA537STD-10	25-Jun-21	19:26:39	9.731	103278.344	30742.088	10.207	102.1	0.298	1590		1.14
6	I42790	IA537STD-25	25-Jun-21	19:43:14	9.720	110312.555	31982.266	9.942	99.4	0.290	3752		1.03
7	I42791	IA537STD-50	25-Jun-21	19:59:48	9.716	105813.898	29163.150	9.451	94.5	0.276	4085		1.07
8	I42792	IA537STD-100	25-Jun-21	20:16:21	9.718	100008.320	28294.178	9.701	97.0	0.283	1871		1.09
9	I42793	IA537STD-250	25-Jun-21	20:32:55	9.718	81871.438	21506.293	9.008	90.1	0.263	3534		1.05

Compound name: M9PFNA
Response Factor: 0.291624
RRF SD: 0.0154735, % Relative SD: 5.30595
Response type: Internal Std (Ref 23), Area * (IS Conc. / IS Area)
Curve type: RF



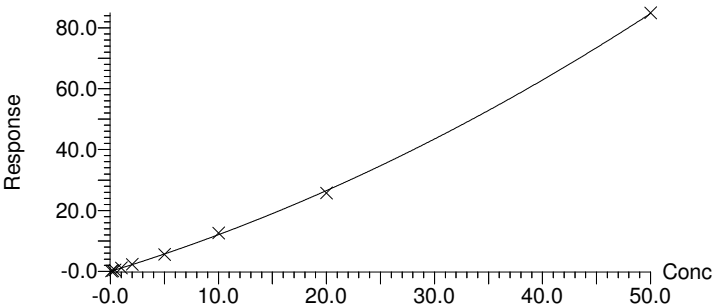
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: br-PFOS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	9.591	13683.243	131.361	0.089	88.6	0.960	10	9	0.64
2	I42786	IA537STD-1	25-Jun-21	18:36:58	9.601	14170.416	293.721	0.191	95.5	1.036	20	7	0.34
3	I42787	IA537STD-2	25-Jun-21	18:53:32	9.594	13979.718	623.385	0.410	102.5	1.115	23	19	0.37
4	I42788	IA537STD-5	25-Jun-21	19:10:06	9.608	13761.020	1596.691	1.059	105.9	1.160	17	36	0.43
5	I42789	IA537STD-10	25-Jun-21	19:26:39	9.604	12706.000	2968.046	2.108	105.4	1.168	199	46	0.39
6	I42790	IA537STD-25	25-Jun-21	19:43:14	9.591	13242.184	7354.622	4.863	97.3	1.111	220	105	0.39
7	I42791	IA537STD-50	25-Jun-21	19:59:48	9.587	12124.383	15331.979	10.448	104.5	1.265	852	166	0.40
8	I42792	IA537STD-100	25-Jun-21	20:16:21	9.587	11908.705	30614.676	19.467	97.3	1.285	1034	547	0.40
9	I42793	IA537STD-250	25-Jun-21	20:32:55	9.587	8703.244	73906.328	50.097	100.2	1.698	2766	321	0.40

Compound name: br-PFOS
Coefficient of Determination: R^2 = 0.999542
Calibration curve: 0.0122269 * x^2 + 1.08254 * x
Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



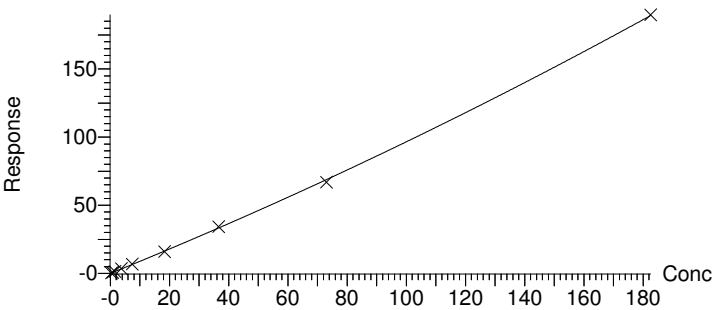
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: L-PFOS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	9.789	13683.243	434.108	0.360	98.7	0.869	77	89	1.17
2	I42786	IA537STD-1	25-Jun-21	18:36:58	9.783	14170.416	949.522	0.761	104.2	0.918	112	81	1.25
3	I42787	IA537STD-2	25-Jun-21	18:53:32	9.779	13979.718	1883.059	1.528	104.6	0.923	160	242	1.24
4	I42788	IA537STD-5	25-Jun-21	19:10:06	9.796	13761.020	4706.579	3.871	106.0	0.937	121	348	1.21
5	I42789	IA537STD-10	25-Jun-21	19:26:39	9.789	12706.000	8663.233	7.687	105.3	0.934	1341	528	1.09
6	I42790	IA537STD-25	25-Jun-21	19:43:14	9.776	13242.184	21186.035	17.863	97.9	0.877	1482	1020	1.18
7	I42791	IA537STD-50	25-Jun-21	19:59:48	9.772	12124.383	41579.559	37.580	103.0	0.940	5307	1503	1.20
8	I42792	IA537STD-100	25-Jun-21	20:16:21	9.776	11908.705	79784.016	71.168	97.5	0.918	6213	5019	1.15
9	I42793	IA537STD-250	25-Jun-21	20:32:55	9.774	8703.244	165170.141	182.960	100.3	1.040	13649	2568	1.24

Compound name: L-PFOS
Coefficient of Determination: R^2 = 0.999626
Calibration curve: 0.000857789 * x^2 + 0.880336 * x
Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



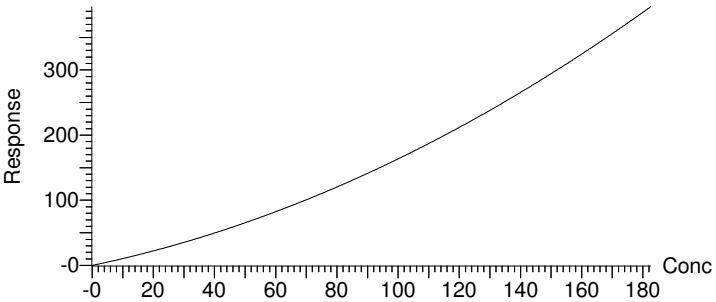
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFOS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	ng/mL	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24		13683.243	565.469	0.449					
2	I42786	IA537STD-1	25-Jun-21	18:36:58		14170.416	1243.243	0.952					
3	I42787	IA537STD-2	25-Jun-21	18:53:32		13979.718	2506.444	1.938					
4	I42788	IA537STD-5	25-Jun-21	19:10:06		13761.020	6303.270	4.930					
5	I42789	IA537STD-10	25-Jun-21	19:26:39		12706.000	11631.279	9.795					
6	I42790	IA537STD-25	25-Jun-21	19:43:14		13242.184	28540.657	22.726					
7	I42791	IA537STD-50	25-Jun-21	19:59:48		12124.383	56911.538	48.028					
8	I42792	IA537STD-100	25-Jun-21	20:16:21		11908.705	110398.692	90.635					
9	I42793	IA537STD-250	25-Jun-21	20:32:55		8703.244	239076.469	233.057					

Compound name: PFOS
Coefficient of Determination: 0.000000
Calibration curve: 0.981436 * x
Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



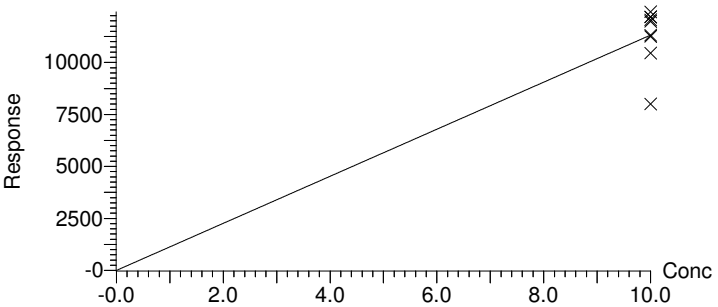
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M4PFOS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	9.790		12049.551	10.646	106.5	1204.955	2124		1.19
2	I42786	IA537STD-1	25-Jun-21	18:36:58	9.783		12436.962	10.988	109.9	1243.696	2402		1.17
3	I42787	IA537STD-2	25-Jun-21	18:53:32	9.779		11973.752	10.579	105.8	1197.375	3748		1.15
4	I42788	IA537STD-5	25-Jun-21	19:10:06	9.796		12188.990	10.769	107.7	1218.899	2119		1.10
5	I42789	IA537STD-10	25-Jun-21	19:26:39	9.787		11257.388	9.946	99.5	1125.739	564		1.13
6	I42790	IA537STD-25	25-Jun-21	19:43:14	9.777		12191.913	10.772	107.7	1219.191	2195		1.16
7	I42791	IA537STD-50	25-Jun-21	19:59:48	9.772		11312.826	9.995	99.9	1131.283	2954		1.15
8	I42792	IA537STD-100	25-Jun-21	20:16:21	9.774		10453.800	9.236	92.4	1045.380	1600		1.24
9	I42793	IA537STD-250	25-Jun-21	20:32:55	9.777		8001.944	7.070	70.7	800.194	4941		1.07

Compound name: M4PFOS
Response Factor: 1131.86
RRF SD: 139.133, % Relative SD: 12.2924
Response type: External Std, Area
Curve type: RF



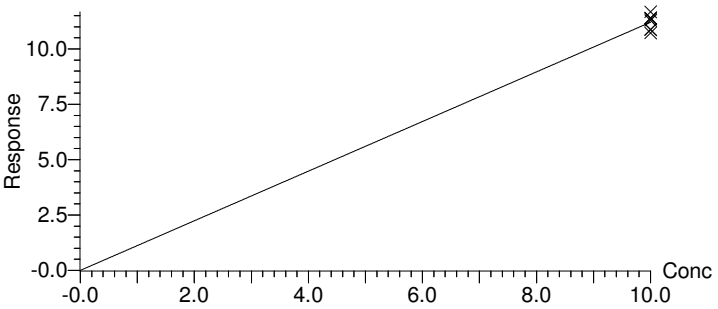
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M8PFOS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	9.790	12049.551	13683.243	10.134	101.3	1.136	1509		1.15
2	I42786	IA537STD-1	25-Jun-21	18:36:58	9.783	12436.962	14170.416	10.168	101.7	1.139	1036		1.14
3	I42787	IA537STD-2	25-Jun-21	18:53:32	9.779	11973.752	13979.718	10.419	104.2	1.168	2779		1.14
4	I42788	IA537STD-5	25-Jun-21	19:10:06	9.794	12188.990	13761.020	10.075	100.8	1.129	3735		1.16
5	I42789	IA537STD-10	25-Jun-21	19:26:39	9.788	11257.388	12706.000	10.073	100.7	1.129	3023		1.12
6	I42790	IA537STD-25	25-Jun-21	19:43:14	9.777	12191.913	13242.184	9.693	96.9	1.086	551		1.12
7	I42791	IA537STD-50	25-Jun-21	19:59:48	9.773	11312.826	12124.383	9.564	95.6	1.072	2798		1.13
8	I42792	IA537STD-100	25-Jun-21	20:16:21	9.773	10453.800	11908.705	10.166	101.7	1.139	1096		1.30
9	I42793	IA537STD-250	25-Jun-21	20:32:55	9.773	8001.944	8703.244	9.706	97.1	1.088	1722		1.24

Compound name: M8PFOS
Response Factor: 1.12054
RRF SD: 0.031466, % Relative SD: 2.80811
Response type: Internal Std (Ref 32), Area * (IS Conc. / IS Area)
Curve type: RF



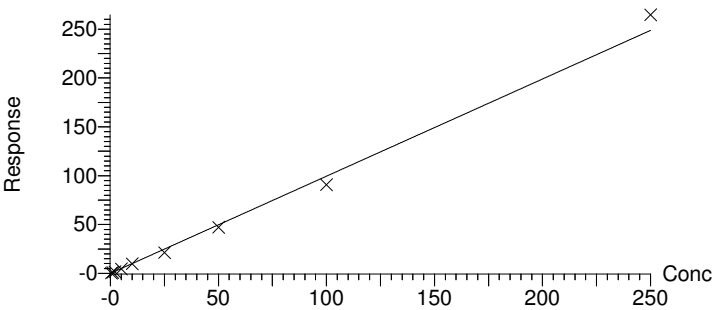
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.3...	79924.469	3605.147	0.453	90.7	0.902	447	15398	1.16
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.3...	79652.055	7789.491	0.983	98.3	0.978	1387	734	1.04
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.3...	80191.836	14172.461	1.776	88.8	0.884	4245	1897	1.10
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.3...	77473.820	35901.637	4.657	93.1	0.927	3304	470	1.13
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.3...	68504.797	66732.914	9.789	97.9	0.974	1738	1060	1.13
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.3...	71215.531	151683.688	21.404	85.6	0.852	4254	4926	1.09
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.3...	63326.383	297775.000	47.254	94.5	0.940	7184	6682	1.04
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.3...	62172.027	564153.250	91.188	91.2	0.907	34822	10617	1.02
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.3...	43854.309	1160781.000	265.995	106.4	1.059	25739	10884	1.04

Compound name: PFDA
Coefficient of Determination: R^2 = 0.994093
Calibration curve: 0.995094 * x
Response type: Internal Std (Ref 36), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



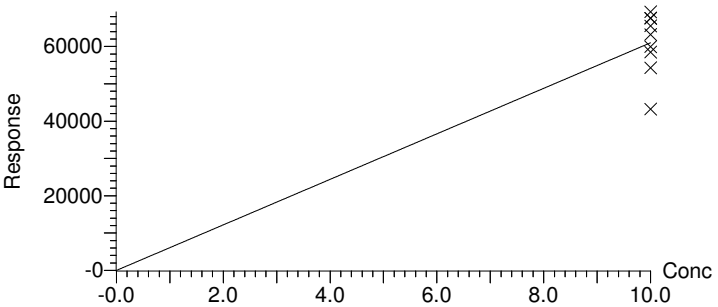
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M2PFDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.3...		67547.492	11.073	110.7	6754.749	14807		1.04
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.3...		69293.984	11.359	113.6	6929.398	6426		1.06
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.3...		67588.117	11.080	110.8	6758.812	5396		1.10
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.3...		65536.602	10.743	107.4	6553.660	1273		1.11
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.3...		59909.973	9.821	98.2	5990.997	8138		1.09
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.3...		63236.020	10.366	103.7	6323.602	4814		1.06
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.3...		58447.609	9.581	95.8	5844.761	2951		1.02
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.3...		54255.980	8.894	88.9	5425.598	3772		1.12
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.3...		43199.742	7.082	70.8	4319.974	5980		1.03

Compound name: M2PFDA
Response Factor: 6100.17
RRF SD: 829.667, % Relative SD: 13.6007
Response type: External Std, Area
Curve type: RF



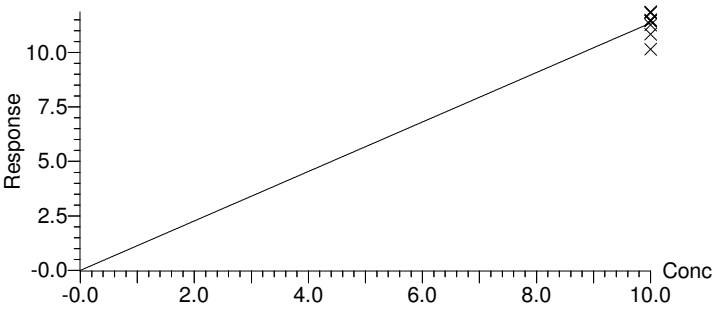
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M6PFDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.3...	67547.492	79924.469	10.424	104.2	1.183	6662		1.11
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.3...	69293.984	79652.055	10.127	101.3	1.149	2521		1.15
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.3...	67588.117	80191.836	10.453	104.5	1.186	6634		1.08
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.3...	65536.602	77473.820	10.415	104.1	1.182	10888		1.09
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.3...	59909.973	68504.797	10.074	100.7	1.143	6816		1.08
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.3...	63236.020	71215.531	9.922	99.2	1.126	5819		1.04
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.3...	58447.609	63326.383	9.546	95.5	1.083	5644		1.01
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.3...	54255.980	62172.027	10.096	101.0	1.146	2658		1.09
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.3...	43199.742	43854.309	8.944	89.4	1.015	2380		1.02

Compound name: M6PFDA
Response Factor: 1.13506
RRF SD: 0.0555603, % Relative SD: 4.89494
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



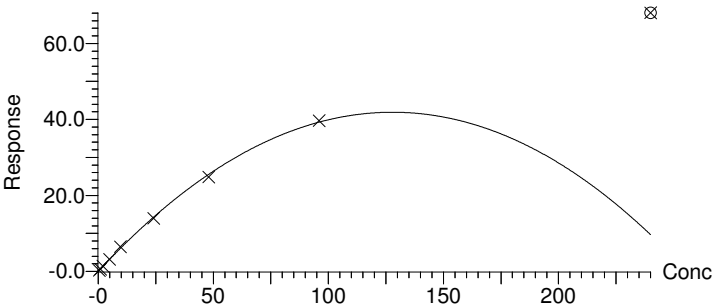
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: 8:2FTS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.3...	3925.273	106.662	0.415	86.5	0.566	15	7	1.88
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.3...	3878.385	231.603	0.914	95.3	0.622	64	4	1.03
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.3...	3835.543	534.472	2.144	111.7	0.726	64	2216	1.14
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.3...	3708.720	1176.766	4.937	102.8	0.661	204	5459	1.04
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.3...	3541.969	2311.956	10.381	108.1	0.680	58917	11458	1.04
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.3...	3753.307	5238.640	23.447	97.7	0.582	516	308	1.16
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.3...	3972.547	9868.733	46.282	96.4	0.518	643	449	1.16
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.3...	4532.261	17980.270	98.388	102.5	0.413	1243	450	1.14
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.3...	5270.703	35876.813			0.284	2782	954	1.21

Compound name: 8:2FTS
Coefficient of Determination: R^2 = 0.998596
Calibration curve: -0.0025629 * x^2 + 0.655376 * x
Response type: Internal Std (Ref 38), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



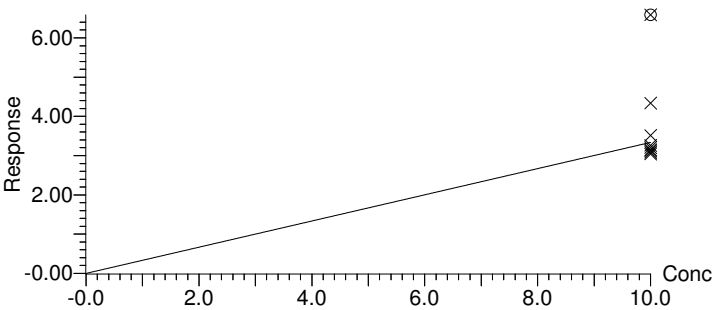
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M2-8:2FTS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.3...	12049.551	3925.273	9.763	97.6	0.326	89977		1.16
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.3...	12436.962	3878.385	9.346	93.5	0.312	1879		1.12
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.3...	11973.752	3835.543	9.600	96.0	0.320	325		1.12
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.3...	12188.990	3708.720	9.119	91.2	0.304	683		1.06
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.3...	11257.388	3541.969	9.429	94.3	0.315	421		1.05
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.3...	12191.913	3753.307	9.226	92.3	0.308	252		1.21
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.3...	11312.826	3972.547	10.524	105.2	0.351	683		1.19
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.3...	10453.800	4532.261	12.993	129.9	0.434	715		1.11
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.3...	8001.944	5270.703	19.740	197.4	0.659	193		1.01

Compound name: M2-8:2FTS
Response Factor: 0.333674
RRF SD: 0.0429157, % Relative SD: 12.8616
Response type: Internal Std (Ref 32), Area * (IS Conc. / IS Area)
Curve type: RF



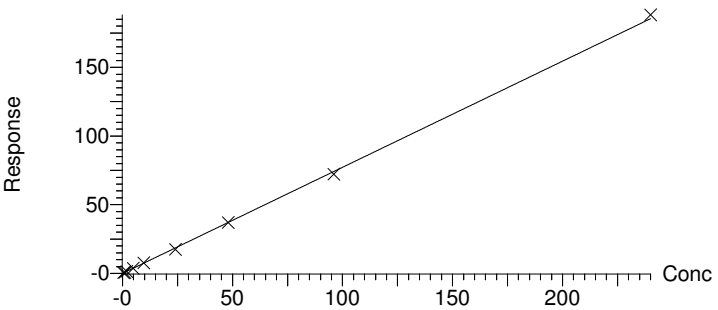
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFNS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.3...	13683.243	495.683	0.469	97.7	0.755	312	7460	1.37
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.3...	14170.416	1098.075	1.003	104.5	0.807	341	89	1.30
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.3...	13979.718	2045.322	1.894	98.6	0.762	455	158	1.19
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.3...	13761.020	5012.028	4.715	98.2	0.759	939	228	1.24
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.3...	12706.000	9750.897	9.934	103.5	0.799	3189	1083	1.21
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.3...	13242.184	23136.014	22.616	94.2	0.728	760	794	1.29
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.3...	12124.383	44891.246	47.928	99.9	0.771	1511	524	1.13
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.3...	11908.705	86062.797	93.550	97.4	0.753	8249	1585	1.26
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.3...	8703.244	163817.094	243.651	101.5	0.784	12140	11422	1.25

Compound name: PFNS
Coefficient of Determination: R^2 = 0.999474
Calibration curve: 0.772519 * x
Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



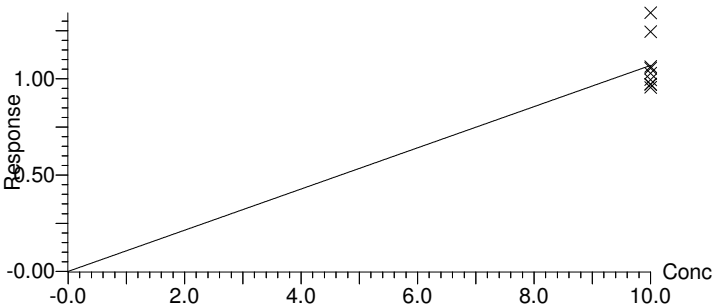
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: d3-NMeFOSAA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.7...	67547.492	6454.503	8.932	89.3	0.096	199		1.01
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.7...	69293.984	6727.265	9.075	90.7	0.097	818		1.04
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.7...	67588.117	6724.238	9.300	93.0	0.099	546		1.12
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.7...	65536.602	6968.504	9.939	99.4	0.106	740		1.09
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.7...	59909.973	6158.821	9.609	96.1	0.103	1270		1.00
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.7...	63236.020	6145.428	9.084	90.8	0.097	2438		1.15
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.7...	58447.609	6170.204	9.868	98.7	0.106	476		1.04
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.7...	54255.980	6755.718	11.639	116.4	0.125	354		1.07
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.7...	43199.742	5801.602	12.553	125.5	0.134	728		1.07

Compound name: d3-NMeFOSAA
Response Factor: 0.10698
RRF SD: 0.0134824, % Relative SD: 12.6027
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



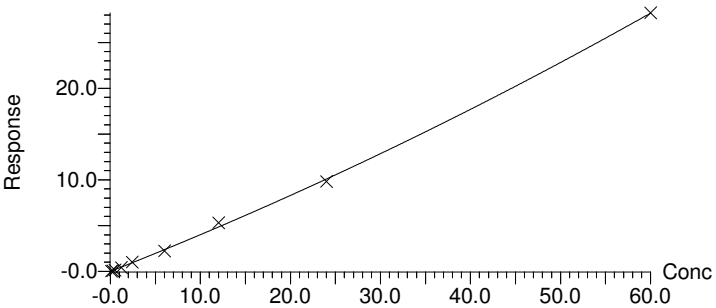
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: br-NMeFOSAA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.6...	6454.503	11.866	0.047	39.6	0.153	7	226	0.97
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.611	6727.265	44.039	0.169	70.4	0.273	5	1	1.04
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.611	6724.238	83.361	0.320	66.6	0.258	7	0	0.91
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.6...	6968.504	303.683	1.121	93.4	0.363	5285	34	0.47
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.6...	6158.821	618.896	2.572	107.2	0.419	17	24	0.45
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.6...	6145.428	1376.480	5.671	94.5	0.373	131	40	0.38
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.6...	6170.204	3275.380	13.100	109.2	0.442	269	169	0.38
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.6...	6755.718	6622.953	23.375	97.4	0.408	253	584	0.38
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.6...	5801.602	16379.358	60.058	100.1	0.471	616	241	0.40

Compound name: br-NMeFOSAA
Coefficient of Determination: R^2 = 0.997817
Calibration curve: 0.00138146 * x^2 + 0.387116 * x
Response type: Internal Std (Ref 40), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



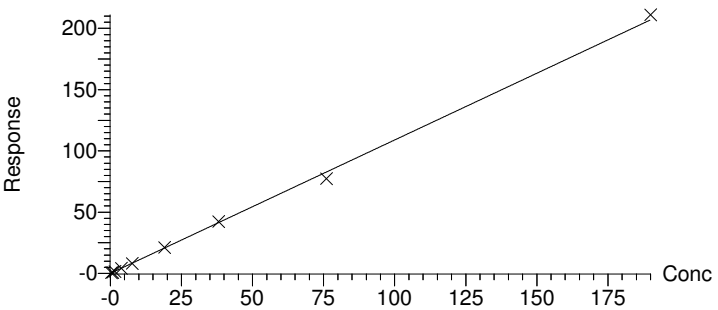
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: L-NMeFOSAA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.7...	6454.503	270.845	0.385	101.4	1.104	122	1384	1.15
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.7...	6727.265	605.985	0.827	108.8	1.185	66	3	0.98
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.7...	6724.238	1084.172	1.480	97.4	1.061	98	3	0.99
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.7...	6968.504	2874.452	3.786	99.6	1.086	56747	320	1.10
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.7...	6158.821	5040.815	7.513	98.9	1.077	161	187	0.99
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.7...	6145.428	13007.754	19.429	102.3	1.114	1537	257	1.01
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.7...	6170.204	26162.020	38.921	102.4	1.116	2597	1056	1.02
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.7...	6755.718	52213.566	70.945	93.3	1.017	2405	3653	1.09
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.7...	5801.602	122470.563	193.773	102.0	1.111	5597	1401	1.10

Compound name: L-NMeFOSAA
Coefficient of Determination: R^2 = 0.998596
Calibration curve: 1.08941 * x
Response type: Internal Std (Ref 40), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



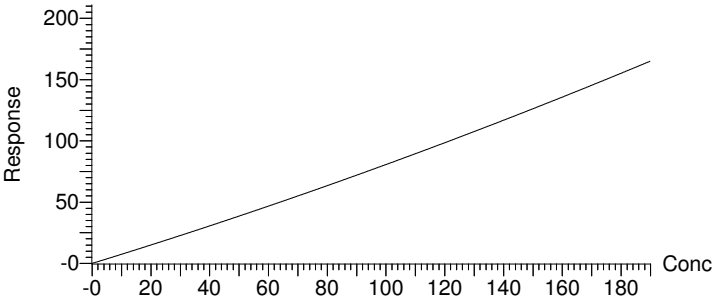
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: NMeFOSAA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24		6454.503	282.711	0.433					
2	I42786	IA537STD-1	25-Jun-21	18:36:58		6727.265	650.024	0.996					
3	I42787	IA537STD-2	25-Jun-21	18:53:32		6724.238	1167.533	1.800					
4	I42788	IA537STD-5	25-Jun-21	19:10:06		6968.504	3178.135	4.908					
5	I42789	IA537STD-10	25-Jun-21	19:26:39		6158.821	5659.711	10.085					
6	I42790	IA537STD-25	25-Jun-21	19:43:14		6145.428	14384.234	25.101					
7	I42791	IA537STD-50	25-Jun-21	19:59:48		6170.204	29437.400	52.021					
8	I42792	IA537STD-100	25-Jun-21	20:16:21		6755.718	58836.519	94.320					
9	I42793	IA537STD-250	25-Jun-21	20:32:55		5801.602	138849.921	253.832					

Compound name: NMeFOSAA
Coefficient of Determination: 0.000000
Calibration curve: 0.738261 * x
Response type: Internal Std (Ref 40), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



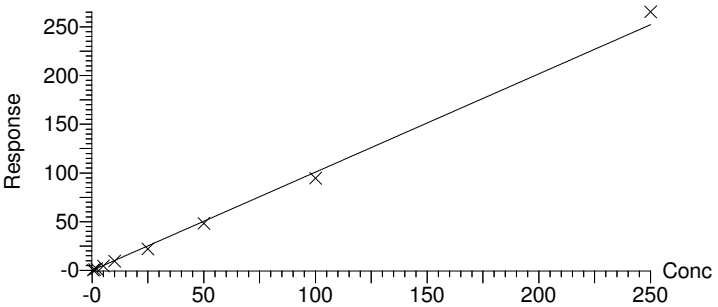
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFUnA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.8...	76090.648	3572.829	0.465	93.1	0.939	335	5585	1.10
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.8...	76785.906	6877.369	0.888	88.8	0.896	356	169	1.03
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.8...	80222.391	14313.150	1.769	88.4	0.892	1058	122	1.01
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.8...	73341.734	33939.934	4.588	91.8	0.926	2881	123	1.08
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.8...	65660.664	62085.160	9.374	93.7	0.946	1758	836	1.06
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.8...	66916.617	147100.984	21.793	87.2	0.879	7172	1596	1.08
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.8...	56071.520	270912.031	47.898	95.8	0.966	11863	2595	1.09
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.8...	53846.410	508632.875	93.644	93.6	0.945	6072	2023	1.07
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.8...	38025.676	1009106.625	263.082	105.2	1.062	18615	2460	1.13

Compound name: PFUnA
Coefficient of Determination: R^2 = 0.996012
Calibration curve: 1.00872 * x
Response type: Internal Std (Ref 45), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



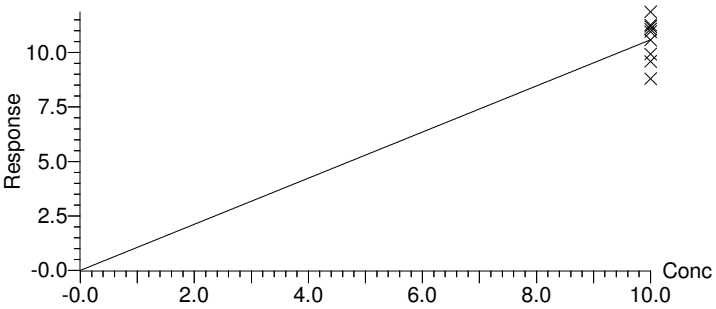
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M7-PFUDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.8...	67547.492	76090.648	10.642	106.4	1.126	2913		0.94
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.8...	69293.984	76785.906	10.468	104.7	1.108	4539		0.87
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.8...	67588.117	80222.391	11.213	112.1	1.187	7284		0.93
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.8...	65536.602	73341.734	10.572	105.7	1.119	6812		0.99
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.8...	59909.973	65660.664	10.354	103.5	1.096	5035		0.98
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.8...	63236.020	66916.617	9.997	100.0	1.058	5126		0.99
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.8...	58447.609	56071.520	9.063	90.6	0.959	961		0.99
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.8...	54255.980	53846.410	9.376	93.8	0.992	709		1.10
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.8...	43199.742	38025.676	8.316	83.2	0.880	1855		1.02

Compound name: M7-PFUDA
Response Factor: 1.05854
RRF SD: 0.0965846, % Relative SD: 9.12434
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



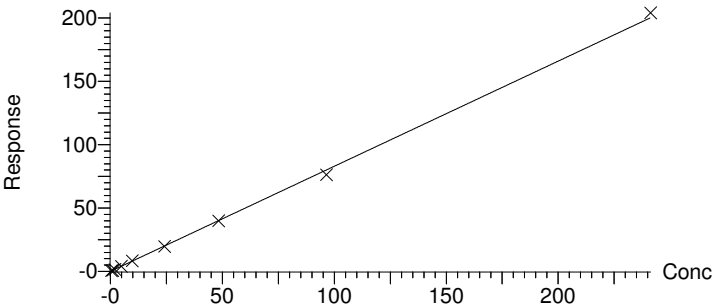
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFDS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.9...	13683.243	547.455	0.482	99.9	0.829	225	68	0.95
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.9...	14170.416	1151.406	0.979	101.4	0.842	260	48	1.10
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.9...	13979.718	2273.890	1.959	101.5	0.843	138	155	1.12
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.8...	13761.020	5720.959	5.008	103.8	0.862	557	408	1.08
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.9...	12706.000	10644.902	10.092	104.6	0.868	460	204	1.06
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.8...	13242.184	25997.361	23.650	98.0	0.814	378	1075	0.99
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.8...	12124.383	48261.738	47.952	99.4	0.825	975	1049	1.02
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.8...	11908.705	90876.945	91.928	95.3	0.791	4617	2136	0.99
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.8...	8703.244	177675.359	245.927	101.9	0.846	5215	1763	0.92

Compound name: PFDS
Coefficient of Determination: R^2 = 0.999151
Calibration curve: 0.830118 * x
Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



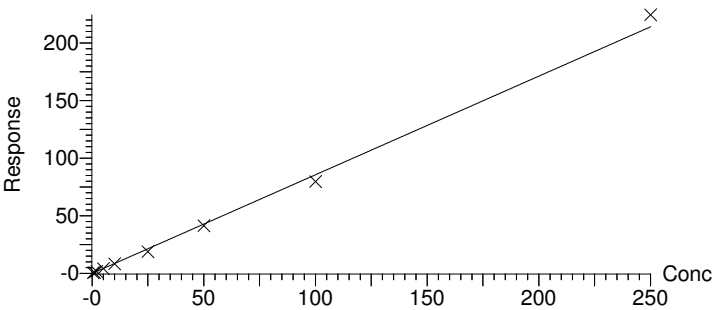
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: FOSA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.9...	40254.242	1780.814	0.517	103.3	0.885	695	1	1.43
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.9...	40751.004	3536.255	1.014	101.4	0.868	864	1	1.15
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.9...	41571.730	6795.874	1.909	95.5	0.817	1307	3	1.07
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.9...	40418.820	16896.797	4.883	97.7	0.836	2992	17	1.06
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.9...	37063.098	30501.354	9.613	96.1	0.823	4241	5	1.03
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.9...	39253.316	74130.430	22.059	88.2	0.755	5483	67	1.04
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.9...	35939.641	148919.859	48.399	96.8	0.829	2821	6	1.06
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.9...	34869.402	277525.875	92.965	93.0	0.796	2888	140	1.15
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.9...	26690.367	599006.688	262.142	104.9	0.898	19239	566	1.18

Compound name: FOSA
Coefficient of Determination: R^2 = 0.996461
Calibration curve: 0.856131 * x
Response type: Internal Std (Ref 48), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



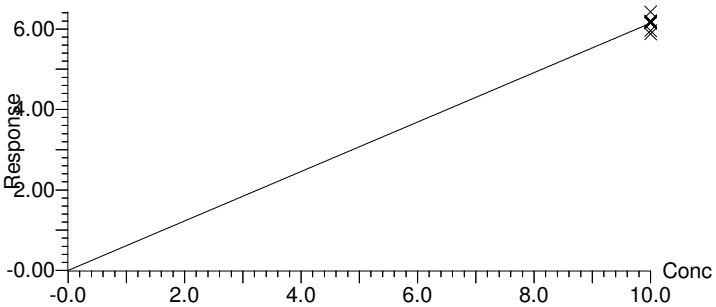
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M8FOSA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.9...	67547.492	40254.242	9.698	97.0	0.596	5098		1.11
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.9...	69293.984	40751.004	9.570	95.7	0.588	4106		1.07
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.9...	67588.117	41571.730	10.009	100.1	0.615	4113		1.04
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.9...	65536.602	40418.820	10.036	100.4	0.617	3649		1.09
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.9...	59909.973	37063.098	10.067	100.7	0.619	5643		1.09
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.9...	63236.020	39253.316	10.101	101.0	0.621	9155		1.09
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.9...	58447.609	35939.641	10.006	100.1	0.615	2923		1.11
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.9...	54255.980	34869.402	10.458	104.6	0.643	4617		1.09
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.9...	43199.742	26690.367	10.054	100.5	0.618	5245		1.22

Compound name: M8FOSA
Response Factor: 0.614517
RRF SD: 0.015448, % Relative SD: 2.51384
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



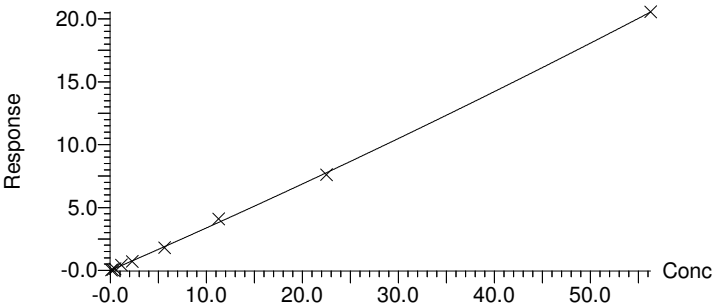
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: br-NEtFOSAA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.9...	5440.919	6.938	0.038	34.1	0.113	1	3	0.50
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.9...	5653.028	23.486	0.125	55.6	0.185	7	2	0.29
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.9...	5611.340	71.514	0.384	85.2	0.283	14	29	0.20
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.9...	5639.057	241.880	1.289	114.6	0.381	4	17	0.30
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.9...	5048.888	358.883	2.133	94.8	0.316	24	125	0.27
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.9...	5412.060	979.429	5.399	96.0	0.322	38	94	0.33
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.9...	5164.310	2118.469	12.095	107.5	0.365	117	58	0.32
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.9...	5407.669	4110.083	22.028	97.9	0.338	266	380	0.27
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.9...	4604.199	9468.212	56.294	100.1	0.366	536	194	0.28

Compound name: br-NEtFOSAA
Coefficient of Determination: R^2 = 0.997980
Calibration curve: 0.000591504 * x^2 + 0.332002 * x
Response type: Internal Std (Ref 52), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



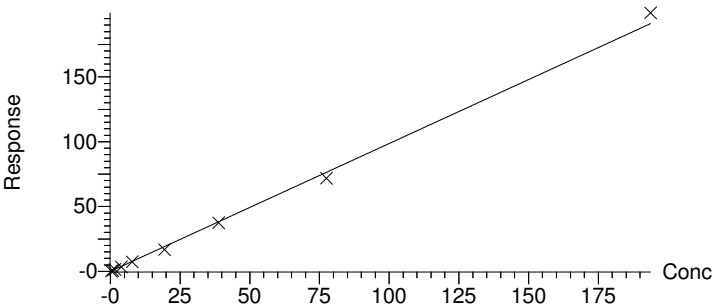
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: L-NEtFOSAA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.079	5440.919	193.366	0.360	93.0	0.917	38	17	0.76
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.071	5653.028	433.301	0.777	100.3	0.989	128	40	1.14
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.067	5611.340	810.152	1.463	94.4	0.931	214	236	1.10
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.056	5639.057	1969.687	3.541	91.4	0.901	39	130	1.13
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.071	5048.888	3691.560	7.411	95.6	0.943	297	935	1.01
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.064	5412.060	9140.418	17.119	88.4	0.872	571	816	1.03
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.056	5164.310	19402.119	38.082	98.3	0.970	1638	472	1.13
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.064	5407.669	38822.129	72.770	93.9	0.926	3703	3052	1.06
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.064	4604.199	91838.164	202.188	104.4	1.030	8528	1855	1.01

Compound name: L-NEtFOSAA
Coefficient of Determination: R^2 = 0.997028
Calibration curve: 0.986539 * x
Response type: Internal Std (Ref 52), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



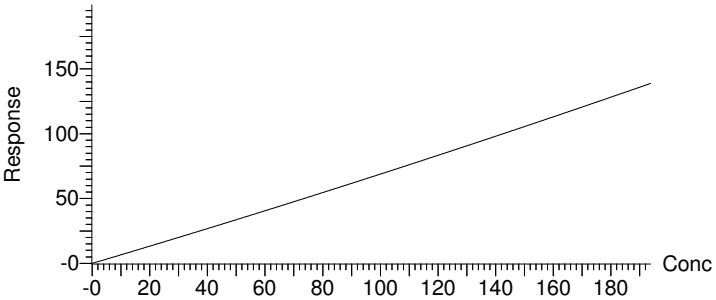
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: NEtFOSAA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24		5440.919	200.304	0.399					
2	I42786	IA537STD-1	25-Jun-21	18:36:58		5653.028	456.787	0.902					
3	I42787	IA537STD-2	25-Jun-21	18:53:32		5611.340	881.666	1.847					
4	I42788	IA537STD-5	25-Jun-21	19:10:06		5639.057	2211.567	4.830					
5	I42789	IA537STD-10	25-Jun-21	19:26:39		5048.888	4050.443	9.544					
6	I42790	IA537STD-25	25-Jun-21	19:43:14		5412.060	10119.847	22.518					
7	I42791	IA537STD-50	25-Jun-21	19:59:48		5164.310	21520.588	50.177					
8	I42792	IA537STD-100	25-Jun-21	20:16:21		5407.669	42932.212	94.799					
9	I42793	IA537STD-250	25-Jun-21	20:32:55		4604.199	101306.376	258.482					

Compound name: NEtFOSAA
Coefficient of Determination: 0.000000
Calibration curve: 0.65927 * x
Response type: Internal Std (Ref 52), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



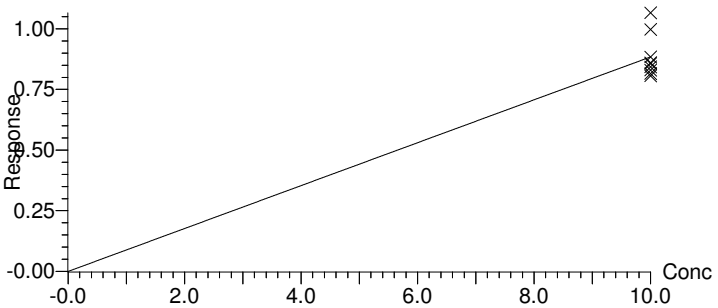
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: d5-NEtFOSAA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.068	67547.492	5440.919	9.111	91.1	0.081	720		1.13
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.064	69293.984	5653.028	9.228	92.3	0.082	938		1.18
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.056	67588.117	5611.340	9.391	93.9	0.083	132640		1.18
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.049	65536.602	5639.057	9.733	97.3	0.086	217		1.11
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.060	59909.973	5048.888	9.533	95.3	0.084	1083		1.13
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.053	63236.020	5412.060	9.681	96.8	0.086	1780		1.18
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.049	58447.609	5164.310	9.994	99.9	0.088	674		1.15
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.053	54255.980	5407.669	11.274	112.7	0.100	707		1.20
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.053	43199.742	4604.199	12.056	120.6	0.107	158		1.11

Compound name: d5-NEtFOSAA
Response Factor: 0.088407
RRF SD: 0.0088391, % Relative SD: 9.99818
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



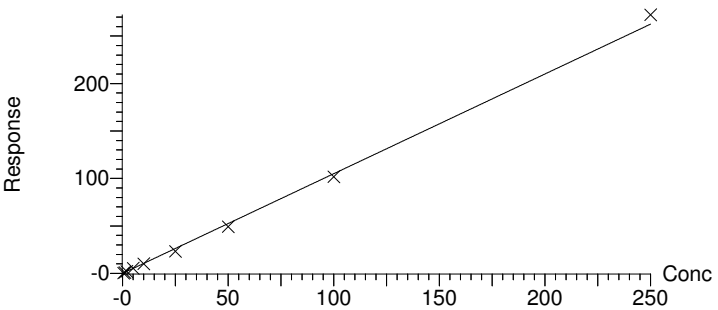
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFDoA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.359	68461.047	3418.369	0.475	95.1	0.999	294	51	1.24
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.355	69430.047	7180.473	0.985	98.5	1.034	198	15	1.12
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.351	71550.625	14042.826	1.869	93.4	0.981	436	196	1.11
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.342	67262.703	35141.313	4.975	99.5	1.045	2071	414	1.09
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.351	62499.590	63969.898	9.747	97.5	1.024	2821	942	1.18
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.342	63264.074	148058.734	22.287	89.1	0.936	2802	888	1.26
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.342	57527.207	283617.938	46.949	93.9	0.986	9087	1014	1.08
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.347	56276.703	572604.563	96.893	96.9	1.017	14539	2471	1.18
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.342	44303.680	1206442.125	259.319	103.7	1.089	16654	3025	1.26

Compound name: PFDoA
Coefficient of Determination: R^2 = 0.997786
Calibration curve: 1.0501 * x
Response type: Internal Std (Ref 54), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



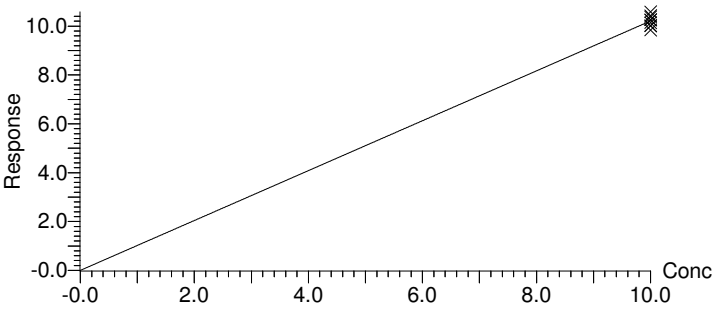
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: MPFDOA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.359	67547.492	68461.047	9.924	99.2	1.014	4367		1.10
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.355	69293.984	69430.047	9.811	98.1	1.002	5097		1.15
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.351	67588.117	71550.625	10.366	103.7	1.059	3080		1.07
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.343	65536.602	67262.703	10.050	100.5	1.026	4264		1.08
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.351	59909.973	62499.590	10.215	102.2	1.043	11848		1.18
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.347	63236.020	63264.074	9.796	98.0	1.000	4823		1.08
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.343	58447.609	57527.207	9.638	96.4	0.984	3828		1.07
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.347	54255.980	56276.703	10.157	101.6	1.037	1254		1.12
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.343	43199.742	44303.680	10.042	100.4	1.026	2155		1.18

Compound name: MPFDOA
Response Factor: 1.02124
RRF SD: 0.0234882, % Relative SD: 2.29997
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



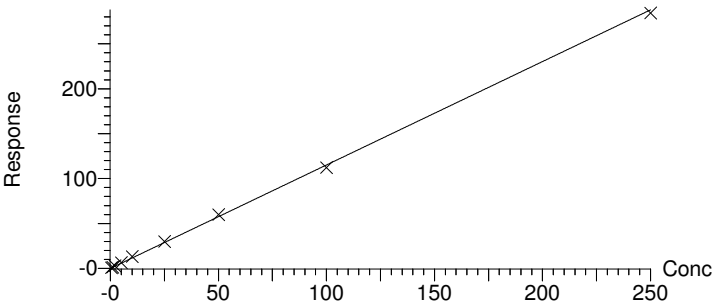
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFTrDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.762	44563.135	2755.652	0.537	107.4	1.237	199	19	1.23
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.762	45146.467	6329.835	1.218	121.8	1.402	562	107	1.16
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.757	46415.673	12725.419	2.381	119.0	1.371	1263	125	1.24
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.748	44077.904	28124.666	5.541	110.8	1.276	1079	287	1.24
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.766	40494.506	53646.340	11.504	115.0	1.325	2250	600	1.11
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.753	41707.902	124111.359	25.841	103.4	1.190	4576	1070	1.19
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.748	37965.024	227767.172	52.099	104.2	1.200	6885	1239	1.22
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.757	37883.815	424598.625	97.330	97.3	1.121	6995	1432	1.27
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.753	29512.287	839586.875	247.049	98.8	1.138	7327	2952	1.28

Compound name: PFTrDA
Coefficient of Determination: R^2 = 0.998498
Calibration curve: 1.15154 * x
Response type: Internal Std (Ref Multiple), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



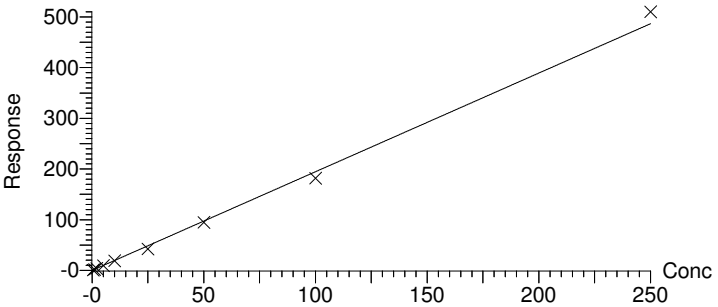
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFTA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	12.1...	20665.223	1845.434	0.459	91.7	1.786	159	70	1.18
2	I42786	IA537STD-1	25-Jun-21	18:36:58	12.117	20862.887	3935.938	0.969	96.9	1.887	377	229	1.13
3	I42787	IA537STD-2	25-Jun-21	18:53:32	12.113	21280.721	7788.385	1.880	94.0	1.830	768	67	1.21
4	I42788	IA537STD-5	25-Jun-21	19:10:06	12.1...	20893.105	19850.998	4.880	97.6	1.900	1951	189	1.33
5	I42789	IA537STD-10	25-Jun-21	19:26:39	12.119	18489.422	34582.781	9.607	96.1	1.870	1012	264	1.32
6	I42790	IA537STD-25	25-Jun-21	19:43:14	12.110	20151.729	85186.492	21.712	86.8	1.691	3412	620	1.19
7	I42791	IA537STD-50	25-Jun-21	19:59:48	12.1...	18402.840	174647.859	48.744	97.5	1.898	7843	788	1.35
8	I42792	IA537STD-100	25-Jun-21	20:16:21	12.116	19490.926	353807.813	93.234	93.2	1.815	5906	1440	1.22
9	I42793	IA537STD-250	25-Jun-21	20:32:55	12.110	14720.894	750971.313	262.016	104.8	2.041	11356	3471	1.25

Compound name: PFTA
Coefficient of Determination: R^2 = 0.996410
Calibration curve: 1.94698 * x
Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



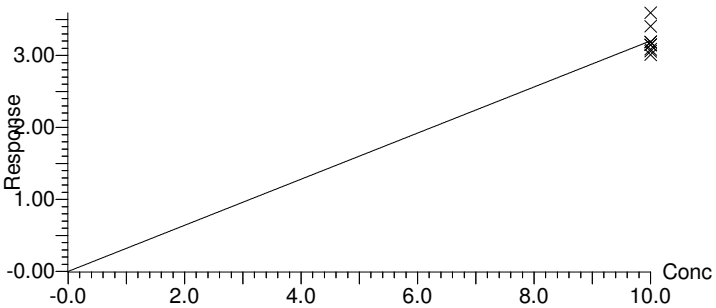
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M2PFTEDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	12.1...	67547.492	20665.223	9.551	95.5	0.306	1197		1.21
2	I42786	IA537STD-1	25-Jun-21	18:36:58	12.114	69293.984	20862.887	9.399	94.0	0.301	1326		1.30
3	I42787	IA537STD-2	25-Jun-21	18:53:32	12.114	67588.117	21280.721	9.830	98.3	0.315	678		1.30
4	I42788	IA537STD-5	25-Jun-21	19:10:06	12.1...	65536.602	20893.105	9.953	99.5	0.319	924		1.30
5	I42789	IA537STD-10	25-Jun-21	19:26:39	12.1...	59909.973	18489.422	9.635	96.3	0.309	846		1.34
6	I42790	IA537STD-25	25-Jun-21	19:43:14	12.110	63236.020	20151.729	9.949	99.5	0.319	733		1.17
7	I42791	IA537STD-50	25-Jun-21	19:59:48	12.1...	58447.609	18402.840	9.830	98.3	0.315	739		1.35
8	I42792	IA537STD-100	25-Jun-21	20:16:21	12.114	54255.980	19490.926	11.215	112.2	0.359	1663		1.34
9	I42793	IA537STD-250	25-Jun-21	20:32:55	12.111	43199.742	14720.894	10.638	106.4	0.341	875		1.25

Compound name: M2PFTEDA
Response Factor: 0.320315
RRF SD: 0.0184099, % Relative SD: 5.74744
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



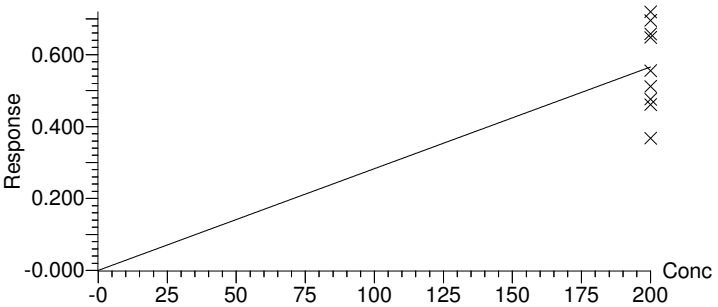
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M3HFPO-DA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	7.181	111073.586	7722.648	245.739	122.9	0.003	1737		0.78
2	I42786	IA537STD-1	25-Jun-21	18:36:58	7.177	118228.344	7775.602	232.451	116.2	0.003	22		0.86
3	I42787	IA537STD-2	25-Jun-21	18:53:32	7.169	112389.805	8082.584	254.180	127.1	0.004	62		0.94
4	I42788	IA537STD-5	25-Jun-21	19:10:06	7.173	110228.664	5644.199	180.978	90.5	0.003	599		0.94
5	I42789	IA537STD-10	25-Jun-21	19:26:39	7.177	103278.344	6695.212	229.126	114.6	0.003	498		0.99
6	I42790	IA537STD-25	25-Jun-21	19:43:14	7.169	110312.555	6123.891	196.210	98.1	0.003	1060		0.84
7	I42791	IA537STD-50	25-Jun-21	19:59:48	7.169	105813.898	4883.167	163.109	81.6	0.002	589		0.93
8	I42792	IA537STD-100	25-Jun-21	20:16:21	7.169	100008.320	4759.220	168.197	84.1	0.002	561		0.82
9	I42793	IA537STD-250	25-Jun-21	20:32:55	7.161	81871.438	3011.562	130.010	65.0	0.002	118		1.00

Compound name: M3HFPO-DA
Response Factor: 0.00282932
RRF SD: 0.000603846, % Relative SD: 21.3425
Response type: Internal Std (Ref 23), Area * (IS Conc. / IS Area)
Curve type: RF



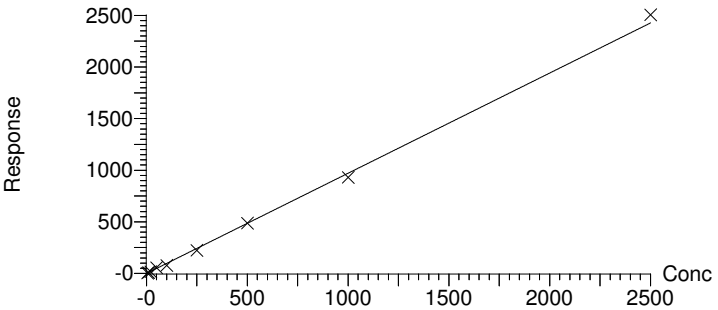
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: HFPO-DA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	7.185	7722.648	162.536	4.335	86.7	0.842	21	25	0.64
2	I42786	IA537STD-1	25-Jun-21	18:36:58	7.185	7775.602	320.958	8.502	85.0	0.826	16	987	0.92
3	I42787	IA537STD-2	25-Jun-21	18:53:32	7.165	8082.584	681.072	17.356	86.8	0.843	54	3133	1.15
4	I42788	IA537STD-5	25-Jun-21	19:10:06	7.181	5644.199	1547.938	56.489	113.0	1.097	354	7332	0.74
5	I42789	IA537STD-10	25-Jun-21	19:26:39	7.177	6695.212	2584.031	79.496	79.5	0.772	652	708	1.02
6	I42790	IA537STD-25	25-Jun-21	19:43:14	7.177	6123.891	6836.687	229.948	92.0	0.893	829	44491	0.74
7	I42791	IA537STD-50	25-Jun-21	19:59:48	7.165	4883.167	11872.483	500.785	100.2	0.973	71	118002	1.11
8	I42792	IA537STD-100	25-Jun-21	20:16:21	7.161	4759.220	22121.635	957.398	95.7	0.930	187	2494	1.12
9	I42793	IA537STD-250	25-Jun-21	20:32:55	7.161	3011.562	37732.625	2580.692	103.2	1.002	420	14929	1.01

Compound name: HFPO-DA
Coefficient of Determination: R^2 = 0.997247
Calibration curve: 0.971 * x
Response type: Internal Std (Ref 58), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



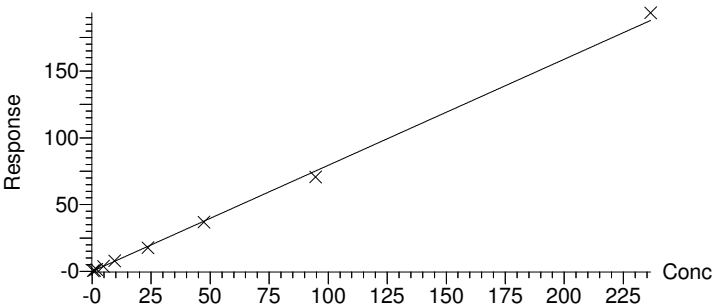
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: ADONA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	8.209	117048.922	4526.371	0.487	102.9	0.817	1292	5	1.02
2	I42786	IA537STD-1	25-Jun-21	18:36:58	8.207	120009.203	9538.166	1.001	105.8	0.840	1005	30	1.10
3	I42787	IA537STD-2	25-Jun-21	18:53:32	8.204	118134.039	18223.480	1.943	102.6	0.815	2539	58	1.09
4	I42788	IA537STD-5	25-Jun-21	19:10:06	8.211	114318.727	44903.980	4.946	104.5	0.830	4403	227	1.09
5	I42789	IA537STD-10	25-Jun-21	19:26:39	8.211	105604.391	82469.305	9.834	103.9	0.825	11332	415	1.03
6	I42790	IA537STD-25	25-Jun-21	19:43:14	8.202	109396.984	195044.625	22.451	94.9	0.754	7443	418	1.05
7	I42791	IA537STD-50	25-Jun-21	19:59:48	8.198	103999.078	383145.781	46.392	98.1	0.779	44109	347	1.08
8	I42792	IA537STD-100	25-Jun-21	20:16:21	8.196	101645.789	717194.563	88.850	93.9	0.746	60625	165	1.10
9	I42793	IA537STD-250	25-Jun-21	20:32:55	8.200	79135.219	1531728.125	243.737	103.0	0.818	33961	2656	1.04

Compound name: ADONA
Coefficient of Determination: R^2 = 0.998304
Calibration curve: 0.794129 * x
Response type: Internal Std (Ref 22), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



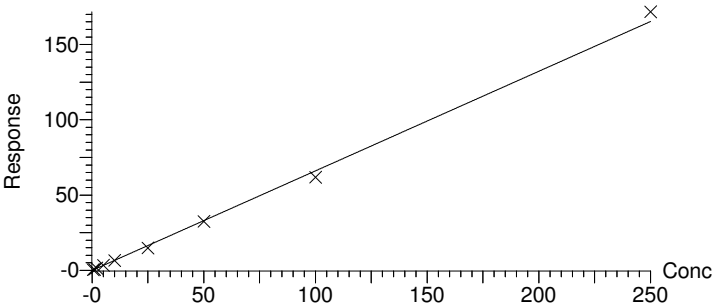
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFHxDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	12.6...	31309.992	1170.889	0.566	113.1	0.748	303	30	1.06
2	I42786	IA537STD-1	25-Jun-21	18:36:58	12.6...	32678.559	2331.510	1.079	107.9	0.713	680	145	1.16
3	I42787	IA537STD-2	25-Jun-21	18:53:32	12.6...	30878.711	4329.224	2.121	106.0	0.701	713	188	1.22
4	I42788	IA537STD-5	25-Jun-21	19:10:06	12.6...	29730.592	10032.860	5.104	102.1	0.675	1715	461	1.24
5	I42789	IA537STD-10	25-Jun-21	19:26:39	12.6...	27849.500	18391.619	9.988	99.9	0.660	4203	165	1.16
6	I42790	IA537STD-25	25-Jun-21	19:43:14	12.6...	29074.736	43163.391	22.454	89.8	0.594	3710	589	1.19
7	I42791	IA537STD-50	25-Jun-21	19:59:48	12.6...	27467.535	89210.539	49.124	98.2	0.650	17993	3046	1.18
8	I42792	IA537STD-100	25-Jun-21	20:16:21	12.6...	27439.051	169409.922	93.383	93.4	0.617	22678	7542	1.29
9	I42793	IA537STD-250	25-Jun-21	20:32:55	12.6...	20593.246	353563.438	259.681	103.9	0.687	14272	2335	1.27

Compound name: PFHxDA
Coefficient of Determination: R^2 = 0.997372
Calibration curve: 0.661154 * x
Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



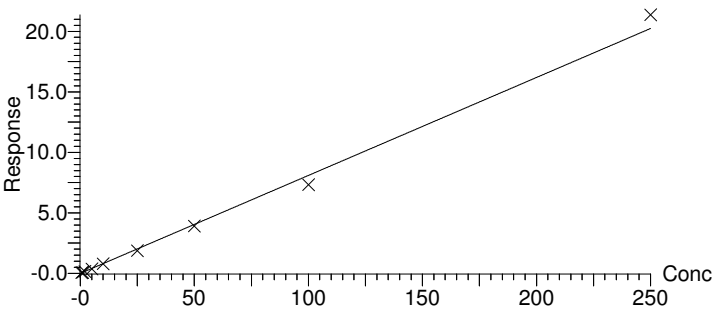
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFODA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	12.8...	31309.992	136.280	0.538	107.5	0.087	31	8	0.99
2	I42786	IA537STD-1	25-Jun-21	18:36:58	12.8...	32678.559	237.899	0.899	89.9	0.073	108	26	1.25
3	I42787	IA537STD-2	25-Jun-21	18:53:32	12.8...	30878.711	477.327	1.910	95.5	0.077	268	61	1.17
4	I42788	IA537STD-5	25-Jun-21	19:10:06	12.8...	29730.592	1124.569	4.673	93.5	0.076	463	106	1.11
5	I42789	IA537STD-10	25-Jun-21	19:26:39	12.8...	27849.500	2176.139	9.653	96.5	0.078	325	1986	1.08
6	I42790	IA537STD-25	25-Jun-21	19:43:14	12.8...	29074.736	5429.968	23.072	92.3	0.075	1594	418	1.22
7	I42791	IA537STD-50	25-Jun-21	19:59:48	12.8...	27467.535	10770.572	48.442	96.9	0.078	4671	163	1.10
8	I42792	IA537STD-100	25-Jun-21	20:16:21	12.8...	27439.051	20074.871	90.383	90.4	0.073	8549	902	1.19
9	I42793	IA537STD-250	25-Jun-21	20:32:55	12.8...	20593.246	43995.547	263.930	105.6	0.085	9275	2308	1.20

Compound name: PFODA
Coefficient of Determination: R^2 = 0.995426
Calibration curve: 0.0809461 * x
Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



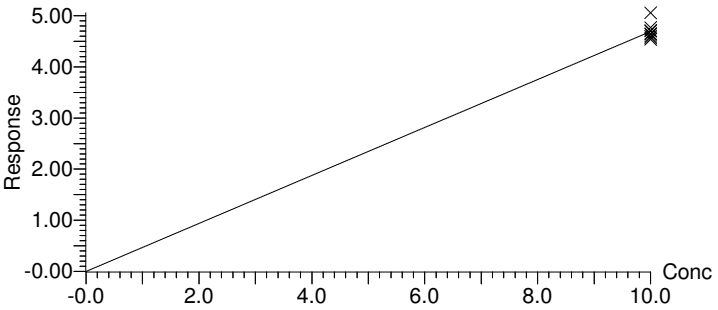
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M2PFHxDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	12.6...	67547.492	31309.992	9.879	98.8	0.464	1097		1.22
2	I42786	IA537STD-1	25-Jun-21	18:36:58	12.6...	69293.984	32678.559	10.051	100.5	0.472	4898		1.27
3	I42787	IA537STD-2	25-Jun-21	18:53:32	12.6...	67588.117	30878.711	9.737	97.4	0.457	10539		1.24
4	I42788	IA537STD-5	25-Jun-21	19:10:06	12.6...	65536.602	29730.592	9.669	96.7	0.454	3747		1.23
5	I42789	IA537STD-10	25-Jun-21	19:26:39	12.6...	59909.973	27849.500	9.908	99.1	0.465	9660		1.13
6	I42790	IA537STD-25	25-Jun-21	19:43:14	12.6...	63236.020	29074.736	9.800	98.0	0.460	7418		1.33
7	I42791	IA537STD-50	25-Jun-21	19:59:48	12.6...	58447.609	27467.535	10.016	100.2	0.470	3637		1.34
8	I42792	IA537STD-100	25-Jun-21	20:16:21	12.6...	54255.980	27439.051	10.779	107.8	0.506	2093		1.28
9	I42793	IA537STD-250	25-Jun-21	20:32:55	12.6...	43199.742	20593.246	10.160	101.6	0.477	4230		1.27

Compound name: M2PFHxDA
Response Factor: 0.469184
RRF SD: 0.015536, % Relative SD: 3.31129
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



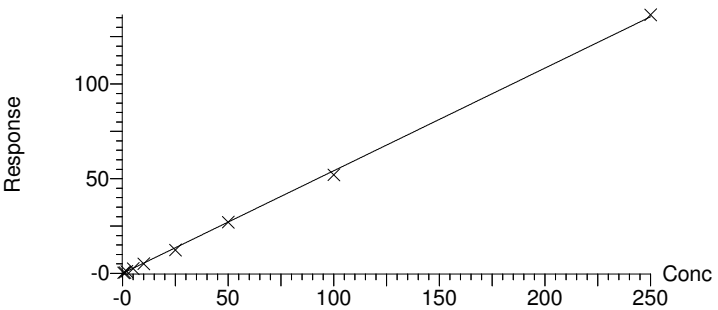
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFDoS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.758	13683.243	375.989	0.507	101.4	0.550	15	89	1.30
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.758	14170.416	697.559	0.908	90.8	0.492	92	51	1.28
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.753	13979.718	1448.578	1.911	95.6	0.518	291	48	1.07
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.744	13761.020	3535.880	4.739	94.8	0.514	163	184	1.20
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.762	12706.000	6439.758	9.347	93.5	0.507	526	250	1.14
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.749	13242.184	16264.090	22.652	90.6	0.491	1452	526	1.18
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.744	12124.383	32716.166	49.766	99.5	0.540	1345	925	1.18
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.753	11908.705	62039.379	96.081	96.1	0.521	4968	2047	1.20
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.749	8703.244	118862.656	251.882	100.8	0.546	8930	3279	1.23

Compound name: PFDoS
Coefficient of Determination: R^2 = 0.999541
Calibration curve: 0.54221 * x
Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: Null, Axis trans: None



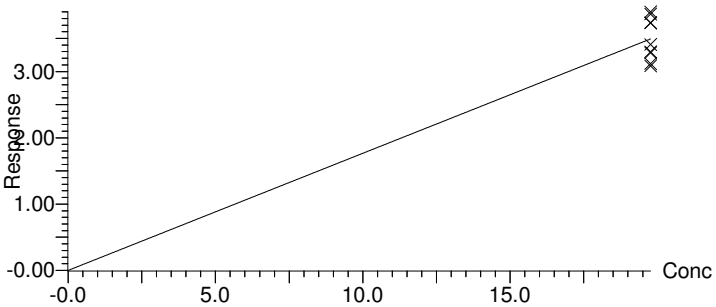
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M2D4-10:2FTS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.365	12049.551	4700.572	22.080	111.7	0.197	43		0.96
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.360	12436.962	4811.575	21.898	110.8	0.196	88067		1.02
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.356	11973.752	4470.213	21.131	106.9	0.189	594		1.00
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.344	12188.990	4553.490	21.145	107.0	0.189	200		1.13
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.356	11257.388	3838.715	19.301	97.6	0.173	554		1.03
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.352	12191.913	3802.153	17.651	89.3	0.158	137		1.04
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.344	11312.826	3728.490	18.655	94.4	0.167	69108		1.06
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.352	10453.800	3432.024	18.582	94.0	0.166	1034		1.02
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.348	8001.944	2467.232	17.452	88.3	0.156	195		1.03

Compound name: M2D4-10:2FTS
Response Factor: 0.176676
RRF SD: 0.0162199, % Relative SD: 9.18061
Response type: Internal Std (Ref 32), Area * (IS Conc. / IS Area)
Curve type: RF



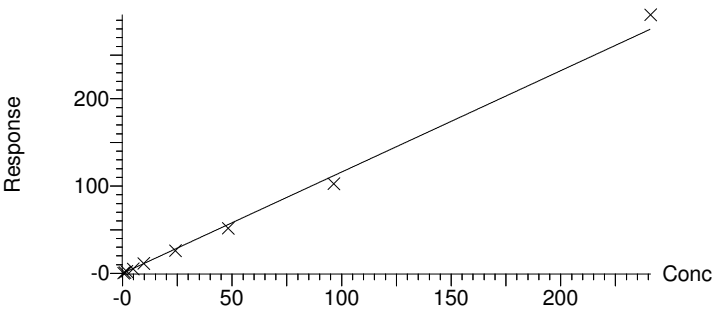
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: 10:2FTS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.368	4700.572	108.013	0.391	81.2	0.942	43	1133	0.88
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.364	4811.575	303.909	1.075	111.5	1.295	46	39	1.08
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.360	4470.213	467.112	1.779	92.3	1.071	124	4032	0.98
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.352	4553.490	1144.272	4.278	88.7	1.031	182	144	1.04
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.364	3838.715	2202.544	9.767	101.3	1.176	281	170	0.95
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.356	3802.153	5018.338	22.467	93.2	1.083	584	138	1.01
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.352	3728.490	9724.066	44.396	92.1	1.070	675	575	1.03
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.356	3432.024	17801.447	88.294	91.6	1.064	1518	283	1.05
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.356	2467.232	36972.184	255.088	105.8	1.229	5993	5970	1.00

Compound name: 10:2FTS
Coefficient of Determination: R^2 = 0.995088
Calibration curve: 1.16117 * x
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



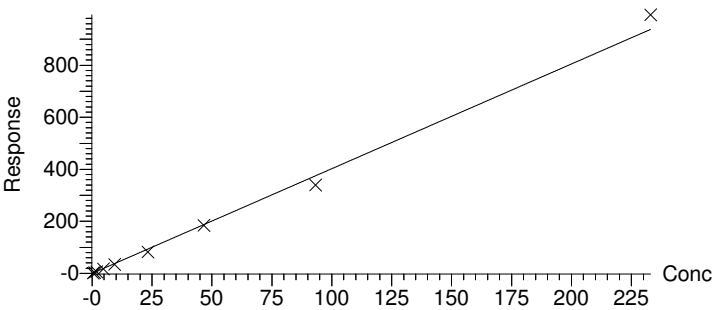
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: 9CL-PF3ONS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	10.1...	13683.243	2360.771	0.429	92.0	3.702	410	138	1.01
2	I42786	IA537STD-1	25-Jun-21	18:36:58	10.1...	14170.416	5046.062	0.885	94.9	3.821	593	203	1.02
3	I42787	IA537STD-2	25-Jun-21	18:53:32	10.1...	13979.718	9276.618	1.649	88.4	3.560	426	329	1.00
4	I42788	IA537STD-5	25-Jun-21	19:10:06	10.1...	13761.020	22868.756	4.129	88.6	3.566	2644	1276	1.04
5	I42789	IA537STD-10	25-Jun-21	19:26:39	10.1...	12706.000	44153.711	8.633	92.6	3.729	5679	2105	1.06
6	I42790	IA537STD-25	25-Jun-21	19:43:14	10.1...	13242.184	109916.461	20.621	88.5	3.562	7636	3017	0.99
7	I42791	IA537STD-50	25-Jun-21	19:59:48	10.1...	12124.383	223637.469	45.823	98.3	3.958	37365	4842	1.07
8	I42792	IA537STD-100	25-Jun-21	20:16:21	10.1...	11908.705	403948.031	84.268	90.4	3.640	69210	12623	1.00
9	I42793	IA537STD-250	25-Jun-21	20:32:55	10.1...	8703.244	864988.625	246.906	106.0	4.266	27034	35282	1.04

Compound name: 9CL-PF3ONS
Coefficient of Determination: R^2 = 0.994609
Calibration curve: 4.02529 * x
Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



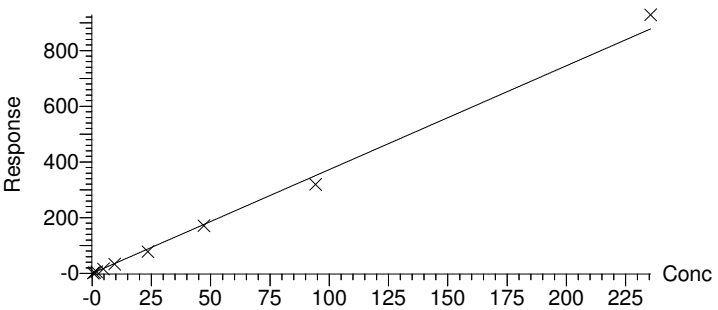
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: 11CL-PFOUdS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.166	13683.243	2293.062	0.450	95.5	3.558	192	29	1.18
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.166	14170.416	4555.021	0.862	91.6	3.412	734	333	1.08
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.159	13979.718	8783.455	1.686	89.5	3.335	1424	467	1.10
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.151	13761.020	22431.322	4.374	92.9	3.461	2394	1541	1.01
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.163	12706.000	41805.063	8.828	93.7	3.493	3854	1387	1.09
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.155	13242.184	103975.141	21.067	89.5	3.334	982	1912	1.06
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.151	12124.383	207329.703	45.881	97.4	3.631	12337	2442	1.03
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.155	11908.705	379782.969	85.567	90.8	3.385	35409	8139	1.10
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.155	8703.244	807891.313	249.062	105.8	3.942	12198	14343	1.05

Compound name: 11CL-PFOUdS
Coefficient of Determination: R^2 = 0.995140
Calibration curve: 3.72704 * x
Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



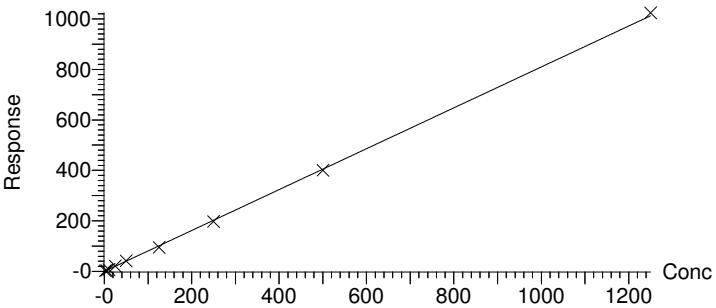
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: NMeFOSA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.579	83657.445	1694.156	2.501	100.0	0.810	602	130	1.06
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.575	84827.594	3744.141	5.451	109.0	0.883	203	423	1.10
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.571	88272.305	6808.878	9.526	95.3	0.771	784	459	1.04
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.562	81628.031	17646.762	26.697	106.8	0.865	2087	910	1.05
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.575	75450.023	31732.539	51.938	103.9	0.841	2618	721	1.03
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.566	78537.063	74670.383	117.412	93.9	0.761	5460	3001	1.02
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.562	75272.289	148760.438	244.057	97.6	0.791	6068	2103	1.01
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.571	69546.883	278953.844	495.330	99.1	0.802	3737	2991	1.00
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.566	53821.891	551148.125	1264.588	101.2	0.819	10565	2186	1.03

Compound name: NMeFOSA
Coefficient of Determination: R^2 = 0.999494
Calibration curve: 0.809767 * x
Response type: Internal Std (Ref 70), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



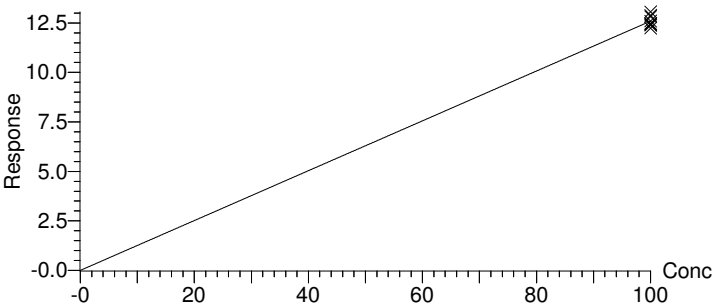
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: d3-NMeFOSA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.575	67547.492	83657.445	98.370	98.4	0.124	3667		0.99
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.571	69293.984	84827.594	97.232	97.2	0.122	7161		1.01
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.562	67588.117	88272.305	103.734	103.7	0.131	6862		1.05
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.558	65536.602	81628.031	98.929	98.9	0.125	5583		0.99
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.567	59909.973	75450.023	100.030	100.0	0.126	2060		1.04
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.558	63236.020	78537.063	98.646	98.6	0.124	4190		1.04
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.554	58447.609	75272.289	102.291	102.3	0.129	2402		1.03
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.558	54255.980	69546.883	101.812	101.8	0.128	6435		1.09
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.558	43199.742	53821.891	98.957	99.0	0.125	6656		1.05

Compound name: d3-NMeFOSA
Response Factor: 0.125902
RRF SD: 0.00270259, % Relative SD: 2.14659
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



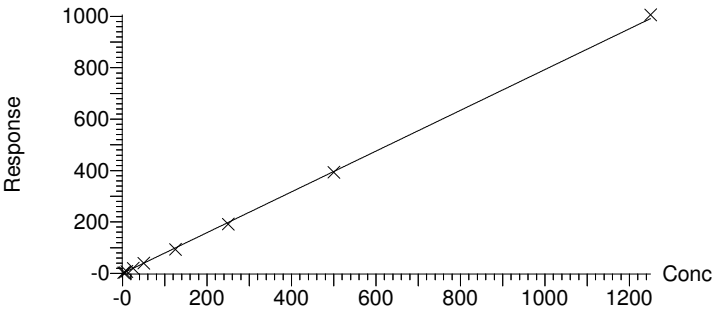
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: NEtFOSA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.884	92093.914	1943.885	2.661	106.5	0.844	564	32	0.97
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.880	96094.531	3999.420	5.248	105.0	0.832	298	14252	0.99
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.875	95391.789	7591.250	10.034	100.3	0.796	833	355	0.99
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.868	90216.102	17971.863	25.118	100.5	0.797	1491	256	1.00
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.880	84298.680	33987.125	50.835	101.7	0.806	4153	922	1.03
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.872	88626.391	82276.086	117.053	93.6	0.743	5976	1305	0.98
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.864	84060.742	161161.656	241.735	96.7	0.767	6504	4638	1.04
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.875	76341.086	300529.344	496.364	99.3	0.787	9549	3397	0.99
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.868	59915.379	602755.000	1268.452	101.5	0.805	7129	5377	1.07

Compound name: NEtFOSA
Coefficient of Determination: R^2 = 0.999472
Calibration curve: 0.793101 * x
Response type: Internal Std (Ref 72), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



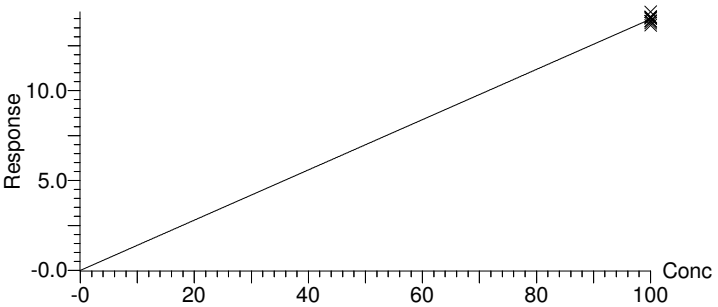
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: d5-NEtFOSA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.872	67547.492	92093.914	97.548	97.5	0.136	12939		0.98
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.868	69293.984	96094.531	99.221	99.2	0.139	1184		1.00
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.864	67588.117	95391.789	100.981	101.0	0.141	6587		1.00
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.856	65536.602	90216.102	98.492	98.5	0.138	4237		1.03
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.868	59909.973	84298.680	100.675	100.7	0.141	8321		1.05
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.860	63236.020	88626.391	100.276	100.3	0.140	3515		1.00
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.852	58447.609	84060.742	102.902	102.9	0.144	4808		1.04
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.860	54255.980	76341.086	100.672	100.7	0.141	3161		1.07
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.856	43199.742	59915.379	99.233	99.2	0.139	2064		1.06

Compound name: d5-NEtFOSA
Response Factor: 0.139766
RRF SD: 0.00220161, % Relative SD: 1.57521
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



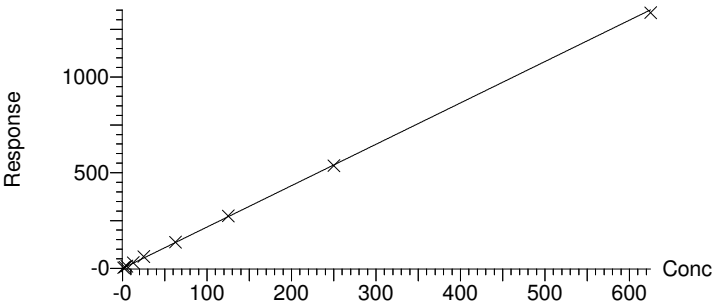
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: NMeFOSE

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.581	72046.953	2205.656	1.416	113.2	2.449	253		1.06
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.581	73573.344	4490.516	2.822	112.9	2.441	476		0.98
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.573	71431.508	8401.424	5.438	108.8	2.352	661		1.04
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.564	67250.023	20790.119	14.294	114.4	2.473	1840		1.05
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.577	64554.102	39737.066	28.462	113.8	2.462	3730		1.01
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.568	65944.867	90417.305	63.397	101.4	2.194	3148		1.01
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.564	62904.902	172533.859	126.820	101.5	2.194	8029		1.01
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.573	53660.957	288050.750	248.204	99.3	2.147	4943		1.00
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.568	38671.402	516783.844	617.897	98.9	2.138	9074		1.04

Compound name: NMeFOSE
Coefficient of Determination: R^2 = 0.999074
Calibration curve: 2.16273 * x
Response type: Internal Std (Ref 74), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



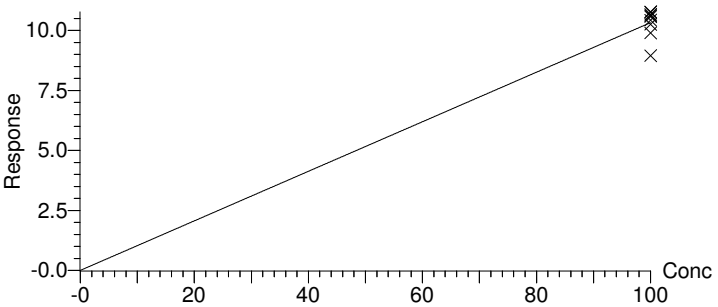
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: d7-NMeFOSE

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.564	67547.492	72046.953	103.307	103.3	0.107	2233		1.06
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.564	69293.984	73573.344	102.837	102.8	0.106	2980		1.00
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.556	67588.117	71431.508	102.363	102.4	0.106	4504		1.04
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.547	65536.602	67250.023	99.388	99.4	0.103	3049		1.08
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.560	59909.973	64554.102	104.363	104.4	0.108	5425		1.03
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.551	63236.020	65944.867	101.004	101.0	0.104	2313		1.03
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.543	58447.609	62904.902	104.242	104.2	0.108	1671		1.12
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.551	54255.980	53660.957	95.793	95.8	0.099	2314		1.07
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.542	43199.742	38671.402	86.703	86.7	0.090	4601		1.21

Compound name: d7-NMeFOSE
Response Factor: 0.103247
RRF SD: 0.00585761, % Relative SD: 5.67341
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



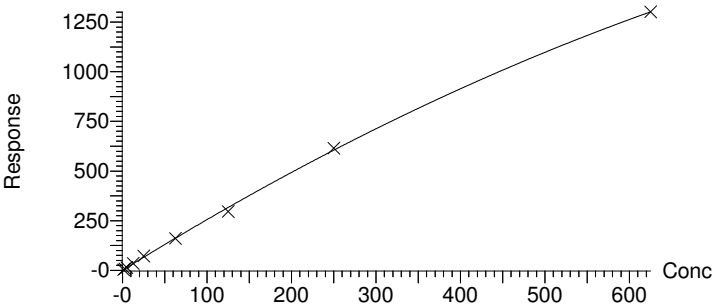
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: NEtFOSE

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.869	69590.422	2387.140	1.296	103.7	2.744	185		1.00
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.865	68116.930	5013.218	2.783	111.3	2.944	366		1.03
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.861	69282.852	9777.091	5.340	106.8	2.822	1330		1.04
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.853	64579.359	23164.092	13.613	108.9	2.870	1948		1.05
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.869	60769.219	44471.941	27.910	111.6	2.927	2891		1.00
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.857	65592.391	105280.734	61.941	99.1	2.568	5092		1.02
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.849	66566.281	197116.844	116.490	93.2	2.369	9122		1.06
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.857	56152.844	345471.719	254.512	101.8	2.461	5273		1.09
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.853	48991.504	637641.313	624.967	100.0	2.082	13971		1.10

Compound name: NEtFOSE
Coefficient of Determination: R^2 = 0.998655
Calibration curve: -0.000903598 * x^2 + 2.64729 * x
Response type: Internal Std (Ref 76), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



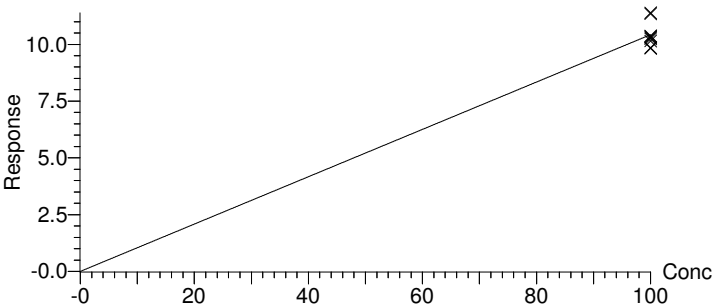
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: d9-NEtFOSE

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	11.850	67547.492	69590.422	98.816	98.8	0.103	7494		1.01
2	I42786	IA537STD-1	25-Jun-21	18:36:58	11.846	69293.984	68116.930	94.286	94.3	0.098	3634		1.03
3	I42787	IA537STD-2	25-Jun-21	18:53:32	11.842	67588.117	69282.852	98.320	98.3	0.103	1930		1.03
4	I42788	IA537STD-5	25-Jun-21	19:10:06	11.834	65536.602	64579.359	94.514	94.5	0.099	3688		1.02
5	I42789	IA537STD-10	25-Jun-21	19:26:39	11.849	59909.973	60769.219	97.291	97.3	0.101	2033		0.99
6	I42790	IA537STD-25	25-Jun-21	19:43:14	11.838	63236.020	65592.391	99.490	99.5	0.104	4779		0.98
7	I42791	IA537STD-50	25-Jun-21	19:59:48	11.830	58447.609	66566.281	109.239	109.2	0.114	4972		1.01
8	I42792	IA537STD-100	25-Jun-21	20:16:21	11.838	54255.980	56152.844	99.269	99.3	0.103	5270		1.02
9	I42793	IA537STD-250	25-Jun-21	20:32:55	11.834	43199.742	48991.504	108.775	108.8	0.113	4265		0.95

Compound name: d9-NEtFOSE
Response Factor: 0.104259
RRF SD: 0.00567996, % Relative SD: 5.44796
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



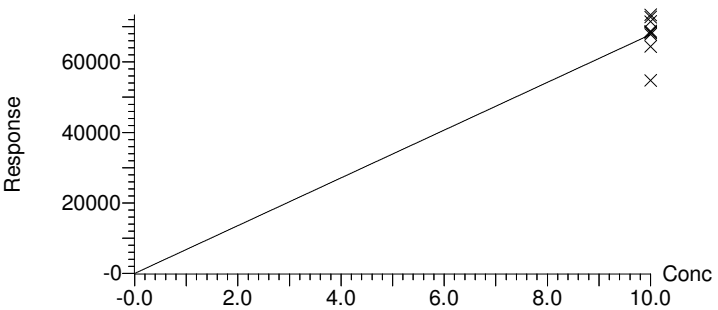
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M3PFPeA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	4.857		68445.523	10.098	101.0	6844.552	4532		2.10
2	I42786	IA537STD-1	25-Jun-21	18:36:58	4.857		72707.008	10.727	107.3	7270.701	12025		2.63
3	I42787	IA537STD-2	25-Jun-21	18:53:32	4.855		73385.523	10.827	108.3	7338.552	11526		2.58
4	I42788	IA537STD-5	25-Jun-21	19:10:06	4.857		71466.500	10.544	105.4	7146.650	7971		2.71
5	I42789	IA537STD-10	25-Jun-21	19:26:39	4.855		67810.570	10.004	100.0	6781.057	11060		2.32
6	I42790	IA537STD-25	25-Jun-21	19:43:14	4.850		68746.930	10.143	101.4	6874.693	16678		2.47
7	I42791	IA537STD-50	25-Jun-21	19:59:48	4.852		68342.992	10.083	100.8	6834.299	4195		2.28
8	I42792	IA537STD-100	25-Jun-21	20:16:21	4.852		64371.035	9.497	95.0	6437.104	5310		2.42
9	I42793	IA537STD-250	25-Jun-21	20:32:55	4.852		54745.551	8.077	80.8	5474.555	2584		2.33

Compound name: M3PFPeA
Response Factor: 6778.02
RRF SD: 561.807, % Relative SD: 8.28865
Response type: External Std, Area
Curve type: RF



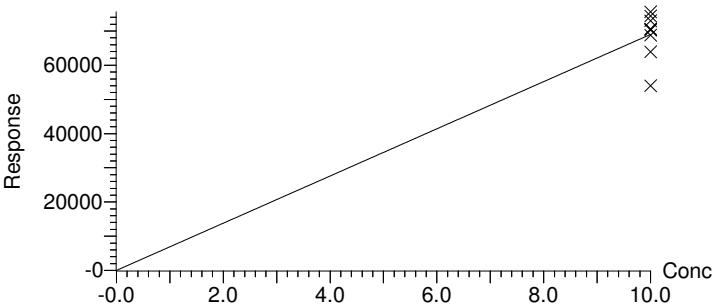
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M2PFHxA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	6.745		70591.609	10.229	102.3	7059.161	6713		3.06
2	I42786	IA537STD-1	25-Jun-21	18:36:58	6.745		74346.078	10.774	107.7	7434.608	6615		2.53
3	I42787	IA537STD-2	25-Jun-21	18:53:32	6.736		75606.055	10.956	109.6	7560.605	6098		2.00
4	I42788	IA537STD-5	25-Jun-21	19:10:06	6.740		73031.016	10.583	105.8	7303.102	3214		2.08
5	I42789	IA537STD-10	25-Jun-21	19:26:39	6.745		70269.289	10.183	101.8	7026.929	15489		2.11
6	I42790	IA537STD-25	25-Jun-21	19:43:14	6.736		70536.602	10.222	102.2	7053.660	3482		1.96
7	I42791	IA537STD-50	25-Jun-21	19:59:48	6.736		68752.352	9.963	99.6	6875.235	7461		2.04
8	I42792	IA537STD-100	25-Jun-21	20:16:21	6.736		63918.813	9.263	92.6	6391.881	3719		2.16
9	I42793	IA537STD-250	25-Jun-21	20:32:55	6.731		54020.688	7.828	78.3	5402.069	2686		1.80

Compound name: M2PFHxA
Response Factor: 6900.81
RRF SD: 656.919, % Relative SD: 9.51945
Response type: External Std, Area
Curve type: RF



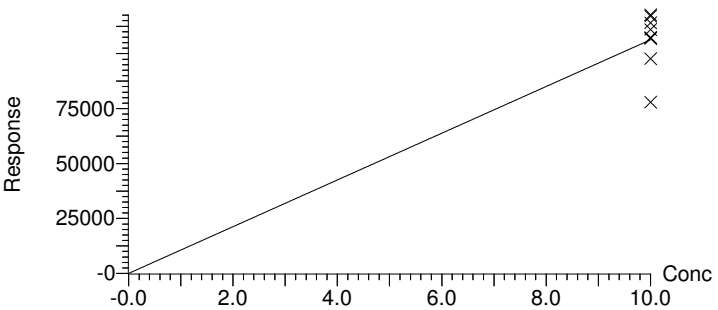
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: M4PFOA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	8.972		110950.945	10.434	104.3	11095.095	19236		2.93
2	I42786	IA537STD-1	25-Jun-21	18:36:58	8.968		117678.711	11.067	110.7	11767.871	3605		2.97
3	I42787	IA537STD-2	25-Jun-21	18:53:32	8.968		117141.930	11.016	110.2	11714.193	11200		3.81
4	I42788	IA537STD-5	25-Jun-21	19:10:06	8.980		114072.773	10.728	107.3	11407.277	21028		4.53
5	I42789	IA537STD-10	25-Jun-21	19:26:39	8.976		107353.336	10.096	101.0	10735.334	7585		3.14
6	I42790	IA537STD-25	25-Jun-21	19:43:14	8.960		106945.133	10.057	100.6	10694.513	10959		2.27
7	I42791	IA537STD-50	25-Jun-21	19:59:48	8.957		107144.641	10.076	100.8	10714.464	11033		3.00
8	I42792	IA537STD-100	25-Jun-21	20:16:21	8.957		97760.406	9.194	91.9	9776.041	2911		1.47
9	I42793	IA537STD-250	25-Jun-21	20:32:55	8.960		77961.492	7.332	73.3	7796.149	5904		1.54

Compound name: M4PFOA
Response Factor: 10633.4
RRF SD: 1228.46, % Relative SD: 11.5528
Response type: External Std, Area
Curve type: RF



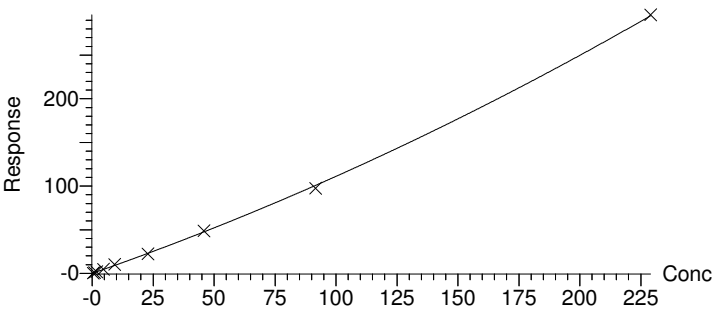
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFPrS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	3.318	13296.128	635.622	0.490	107.1	1.044	212	580	0.75
2	I42786	IA537STD-1	25-Jun-21	18:36:58	3.323	13529.566	1319.751	1.000	109.2	1.065	159	45	0.68
3	I42787	IA537STD-2	25-Jun-21	18:53:32	3.323	13649.750	2526.121	1.895	103.4	1.010	253	414	0.99
4	I42788	IA537STD-5	25-Jun-21	19:10:06	3.320	13428.799	6401.600	4.860	106.1	1.041	915	797	0.89
5	I42789	IA537STD-10	25-Jun-21	19:26:39	3.323	12248.645	12486.402	10.314	112.6	1.113	30208	253	1.08
6	I42790	IA537STD-25	25-Jun-21	19:43:14	3.320	12737.235	28557.262	22.312	97.4	0.979	33247	689	1.01
7	I42791	IA537STD-50	25-Jun-21	19:59:48	3.323	12077.166	58672.797	46.784	102.1	1.061	3297	11050	1.00
8	I42792	IA537STD-100	25-Jun-21	20:16:21	3.320	11898.238	116164.953	89.046	97.2	1.066	31729	40809	1.01
9	I42793	IA537STD-250	25-Jun-21	20:32:55	3.320	9269.692	274485.594	229.649	100.3	1.293	45015	160124	0.98

Compound name: PFPrS
Coefficient of Determination: R^2 = 0.999414
Calibration curve: 0.00137254 * x^2 + 0.974207 * x
Response type: Internal Std (Ref 7), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



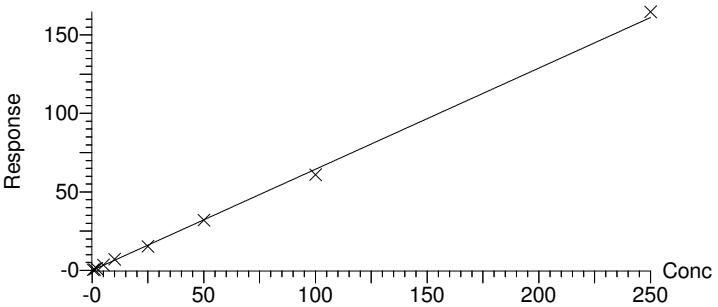
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFMPA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	3.305	57780.328	1991.337	0.535	107.0	0.689	313		0.60
2	I42786	IA537STD-1	25-Jun-21	18:36:58	3.305	60023.031	4253.703	1.100	110.0	0.709	1154		0.96
3	I42787	IA537STD-2	25-Jun-21	18:53:32	3.305	60513.422	7947.105	2.038	101.9	0.657	16313		1.10
4	I42788	IA537STD-5	25-Jun-21	19:10:06	3.305	58136.680	19739.205	5.270	105.4	0.679	10706		1.09
5	I42789	IA537STD-10	25-Jun-21	19:26:39	3.307	54205.727	38296.465	10.965	109.7	0.707	7665		1.15
6	I42790	IA537STD-25	25-Jun-21	19:43:14	3.302	57145.898	87505.352	23.766	95.1	0.613	29444		1.09
7	I42791	IA537STD-50	25-Jun-21	19:59:48	3.302	55028.297	176292.797	49.722	99.4	0.641	32595		1.08
8	I42792	IA537STD-100	25-Jun-21	20:16:21	3.300	56827.293	345994.313	94.496	94.5	0.609	70412		1.10
9	I42793	IA537STD-250	25-Jun-21	20:32:55	3.297	48596.504	800346.125	255.608	102.2	0.659	223927		1.04

Compound name: PFMPA
Coefficient of Determination: R^2 = 0.998550
Calibration curve: 0.644315 * x
Response type: Internal Std (Ref 3), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



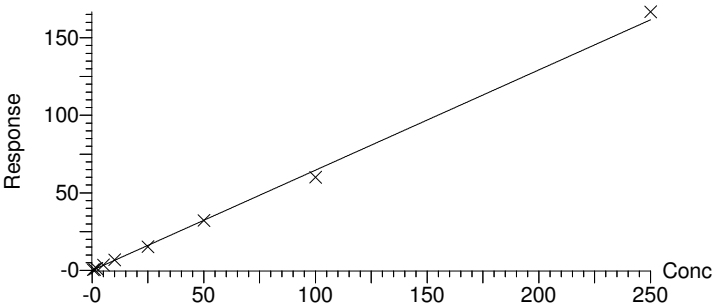
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFMBA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	5.567	65293.742	2185.185	0.518	103.5	0.669	1122		1.11
2	I42786	IA537STD-1	25-Jun-21	18:36:58	5.567	66911.328	4617.612	1.068	106.8	0.690	2121		1.14
3	I42787	IA537STD-2	25-Jun-21	18:53:32	5.562	67487.727	8805.560	2.018	100.9	0.652	12395		1.09
4	I42788	IA537STD-5	25-Jun-21	19:10:06	5.567	64551.254	21989.371	5.270	105.4	0.681	4716		1.15
5	I42789	IA537STD-10	25-Jun-21	19:26:39	5.569	60132.316	40825.941	10.503	105.0	0.679	164578		1.16
6	I42790	IA537STD-25	25-Jun-21	19:43:14	5.555	62822.996	96113.078	23.667	94.7	0.612	277184		1.10
7	I42791	IA537STD-50	25-Jun-21	19:59:48	5.558	60026.988	192846.172	49.698	99.4	0.643	33051		1.10
8	I42792	IA537STD-100	25-Jun-21	20:16:21	5.560	61133.020	366831.594	92.824	92.8	0.600	1464199		1.11
9	I42793	IA537STD-250	25-Jun-21	20:32:55	5.558	49834.328	830936.375	257.935	103.2	0.667	3279777		1.10

Compound name: PFMBA
Coefficient of Determination: R^2 = 0.997908
Calibration curve: 0.64644 * x
Response type: Internal Std (Ref 5), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



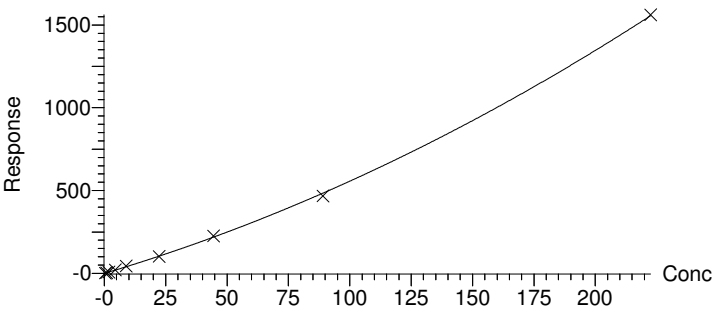
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: PFEESA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	6.259	15614.954	3276.106	0.475	106.8	4.715	801	27	1.18
2	I42786	IA537STD-1	25-Jun-21	18:36:58	6.261	15923.893	7136.023	1.014	113.9	5.035	833	19	2.07
3	I42787	IA537STD-2	25-Jun-21	18:53:32	6.255	15851.401	13141.892	1.872	105.2	4.658	2652	149	1.23
4	I42788	IA537STD-5	25-Jun-21	19:10:06	6.261	15344.866	33306.844	4.862	109.3	4.878	7496	298	2.45
5	I42789	IA537STD-10	25-Jun-21	19:26:39	6.263	14276.569	62824.078	9.735	109.4	4.944	12672	96	2.53
6	I42790	IA537STD-25	25-Jun-21	19:43:14	6.252	14892.317	152006.172	21.895	98.4	4.587	3051	46	2.82
7	I42791	IA537STD-50	25-Jun-21	19:59:48	6.253	13709.874	309059.031	45.653	102.6	5.066	16682	446	3.74
8	I42792	IA537STD-100	25-Jun-21	20:16:21	6.252	13095.640	612222.750	86.394	97.1	5.253	13758	1907	3.30
9	I42793	IA537STD-250	25-Jun-21	20:32:55	6.255	9182.548	1433684.875	223.067	100.3	7.017	24870	188	2.32

Compound name: PFEESA
Coefficient of Determination: R^2 = 0.999514
Calibration curve: 0.0116194 * x^2 + 4.4074 * x
Response type: Internal Std (Ref 18), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



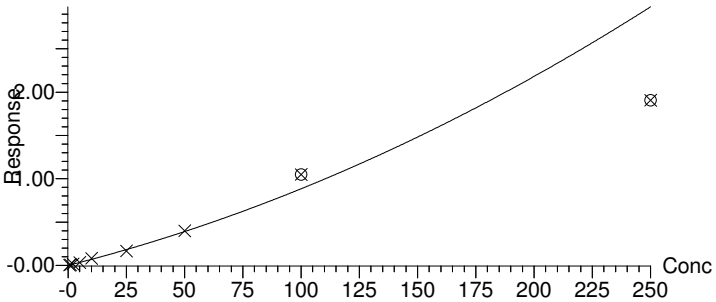
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:55 Eastern Daylight Time

Compound name: NFDHA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I42785	IA537STD-.5	25-Jun-21	18:20:24	6.528	69092.836	35.005	0.745	149.0	0.010	3		0.98
2	I42786	IA537STD-1	25-Jun-21	18:36:58	6.531	71767.094	49.020	1.004	100.4	0.007	8		0.94
3	I42787	IA537STD-2	25-Jun-21	18:53:32	6.515	71122.000	95.191	1.961	98.1	0.007	1321	39	0.93
4	I42788	IA537STD-5	25-Jun-21	19:10:06	6.522	68872.398	221.501	4.675	93.5	0.006	2887	4	0.94
5	I42789	IA537STD-10	25-Jun-21	19:26:39	6.522	63598.234	520.781	11.659	116.6	0.008	329	10	1.27
6	I42790	IA537STD-25	25-Jun-21	19:43:14	6.512	66333.828	1091.324	22.689	90.8	0.007	16	2	1.00
7	I42791	IA537STD-50	25-Jun-21	19:59:48	6.512	62021.500	2465.451	50.767	101.5	0.008	352	8	1.21
8	I42792	IA537STD-100	25-Jun-21	20:16:21	6.512	61755.355	6489.599	114.830	114.8	0.011	1438	24	2.02
9	I42793	IA537STD-250	25-Jun-21	20:32:55	6.505	48768.344	9292.991	181.150	72.5	0.008	28	32	1.86

Compound name: NFDHA
Coefficient of Determination: R^2 = 0.992404
Calibration curve: 2.06235e-005 * x^2 + 0.0067832 * x
Response type: Internal Std (Ref 11), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\MethDB\537ISO_Q_210625_TOP_RT.mdb 22 Jun 2021 09:28:25
Calibration: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

ID: IA537STD-.5
Name: I42785
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	1.97	213.032 > 169.022	2503		0.487		na	97.4
2	M3PFBA	INT STD	1.96	216.009 > 171.999	52650		10.029		na	100.3
3	MPFBA	INT STD	1.96	217.001 > 171.999	57780		10.206		na	102.1
4	PFPeA	2706-90-3	4.85	263.039 > 219.03	3002		0.489		na	97.7
5	M5PFPEA	INT STD	4.85	268.001 > 222.999	65294		10.511		na	105.1
6	PFBS	375-73-5	5.51	299.092 > 80.062	592		0.410	1.87	NO	92.5
7	M3PFBS	INT STD	5.51	302.069 > 80.062	13296		10.001		na	100.0
8	4:2FTS	757124-72-4	6.67	327.146 > 307.139	198		0.423	2.18	NO	90.5
9	M2-4:2FTS	INT STD	6.67	329.13 > 309.124	4751		8.919		na	89.2
10	PFHxA	307-24-4	6.74	313.047 > 269.037	4253		0.580	14.28	NO	116.0
11	M5PFHxA	INT STD	6.75	318.009 > 273.007	69093		10.173		na	101.7
12	PFPeS	2706-91-4	7.07	349.1 > 80.062	612		0.448	1.91	NO	95.4
13	PFHpA	375-85-9	8.03	363.055 > 319.045	5086		0.482	5.32	NO	96.4
14	M4PFHpA	INT STD	8.03	367.025 > 322.022	104333		10.304		na	103.0
15	br-PFHxS	355-46-4	7.96	399.107 > 80.062	98	M5,M7	0.075	1.72	NO	88.7
16	L-PFHxS	355-46-4	8.19	399.107 > 80.062	606		0.356	1.77	NO	96.2
17	PFHxS	355-46-4		399.107 > 80.062	704		0.431		na	
18	M3PFHxS	INT STD	8.19	402.084 > 80.062	15615		10.357		na	103.6
19	br-PFOA	335-67-1		413.063 > 369.053			ND		YES	
20	L-PFOA	335-67-1	8.97	413.063 > 369.053	5751		0.510	9.57	NO	102.0
21	PFOA	335-67-1		413.063 > 369.053	5751		0.510		na	
22	M8PFOA	INT STD	8.97	421.002 > 376.	117049		10.380		na	103.8
23	M2PFOA	INT STD	8.97	415.048 > 370.045	111074		10.487		na	104.9
24	6:2FTS	27619-97-2	8.93	427.161 > 407.155	244		0.487	4.83	NO	102.5
25	M2-6:2FTS	INT STD	8.93	429.146 > 409.14	5065		9.262		na	92.6
26	PFHpS	375-92-8	9.07	449.115 > 80.062	460		0.469	1.21	NO	98.7
27	PFNA	375-95-1	9.73	463.071 > 419.061	4110		0.481	3.87	NO	96.2
28	M9PFNA	INT STD	9.73	472.002 > 427.	34202		10.559		na	105.6
29	br-PFOS	1763-23-1	9.59	499.123 > 80.062	131	M5,M7	0.089	2.77	NO	88.6
30	L-PFOS	1763-23-1	9.79	499.123 > 80.062	434	M7	0.360	1.65	NO	98.7
31	PFOS	1763-23-1		499.123 > 80.062	565		0.449		na	
32	M4PFOS	INT STD	9.79	503.093 > 80.062	12050		10.646		na	106.5
33	M8PFOS	INT STD	9.79	507.062 > 80.062	13683		10.134		na	101.3
34	PFDA	335-76-2	10.36	513.078 > 469.069	3605		0.453	5.42	NO	90.7
35	M2PFDA	INT STD	10.36	515.053 > 469.934	67547		11.073		na	110.7
36	M6PFDA	INT STD	10.36	519.033 > 474.03	79924		10.424		na	104.2
37	8:2FTS	39108-34-4	10.34	527.177 > 507.171	107	M7	0.415	5.22	NO	86.5
38	M2-8:2FTS	INT STD	10.35	529.162 > 509.155	3925		9.763		na	97.6
39	PFNS	68259-12-1	10.39	549.131 > 80.062	496		0.469	1.55	NO	97.7

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

ID: IA537STD-.5
Name: I42785
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.77	573.22 > 419.061	6455		8.932		na	89.3
41	br-NMeFOSAA		10.62	570.202 > 419.061	12		0.047	1.21	NO	39.6
42	L-NMeFOSAA		10.77	570.202 > 419.061	271		0.385	3.41	NO	101.4
43	NMeFOSAA	2355-31-9		570.202 > 419.061	283		0.433		na	
44	PFUnA	2058-94-8	10.89	563.086 > 519.076	3573	M7	0.465	13.18	NO	93.1
45	M7-PFUDA	INT STD	10.89	570.033 > 525.031	76091		10.642		na	106.4
46	PFDS	335-77-3	10.91	599.139 > 80.062	547	M4	0.482	1.57	NO	99.9
47	FOSA	754-91-6	10.95	498.146 > 78.07	1781	M7	0.517	141.76	NO	103.3
48	M8FOSA	INT STD	10.96	506.077 > 78.07	40254		9.698		na	97.0
49	br-NEtFOSAA		10.94	584.229 > 419.061	7	M5,M7	0.038	0.27	YES	34.1
50	L-NEtFOSAA		11.08	584.229 > 419.061	193		0.360	1.16	NO	93.0
51	NEtFOSAA	2991-50-6		584.229 > 419.061	200		0.399		na	
52	d5-NEtFOSAA	INT STD	11.07	589.259 > 419.061	5441		9.111		na	91.1
53	PFDoA	307-55-1	11.36	613.094 > 569.084	3418	M4	0.475	17.80	NO	95.1
54	MPFDOA	INT STD	11.36	615.079 > 570.077	68461		9.924		na	99.2
55	PFTrDA	72629-94-8	11.76	663.102 > 619.092	2756		0.537	11.94	NO	107.4
56	PFTA	376-06-7	12.12	713.11 > 669.1	1845		0.459	9.07	NO	91.7
57	M2PFTEDA	INT STD	12.12	715.094 > 670.092	20665		9.551		na	95.5
58	M3HFPO-DA	INT STD	7.18	287.02 > 169.022	7723		245.739		na	122.9
59	HFPO-DA	13252-13-6	7.19	285.035 > 169.022	163		4.335	5.63	YES	86.7
60	ADONA	958445-44-8	8.21	377.06 > 251.028	4526	M7	0.487	43.48	NO	102.9
61	PFHxDA		12.64	813.122 > 769.116	1171	M4,M7	0.566	25.20	NO	113.1
62	PFODA		12.87	913.411 > 869.131	136		0.538	24.72	NO	107.5
63	M2PFHxDA		12.64	815.102 > 770.108	31310		9.879		na	98.8
64	PFDoS		11.76	699.154 > 80.062	376		0.507	2.79	NO	101.4
65	M2D4-10:2FTS		11.36	633.201 > 612.189	4701	M4	22.080		na	111.7
66	10:2FTS		11.37	627.192 > 607.186	108	M2,M7	0.391	2.02	NO	81.2
67	9CL-PF3ONS		10.14	530.862 > 350.843	2361		0.429	2.51	NO	92.0
68	11CL-PFOUdS		11.17	630.862 > 450.854	2293		0.450	3.21	NO	95.5
69	NMeFOSA		11.58	512.163 > 169.022	1694		2.501	1.55	NO	100.0
70	d3-NMeFOSA		11.58	515.183 > 169.022	83657		98.370		na	98.4
71	NEtFOSA		11.88	526.192 > 169.022	1944		2.661	5.76	NO	106.5
72	d5-NEtFOSA		11.87	531.222 > 169.022	92094		97.548		na	97.5
73	NMeFOSE		11.58	615.8 > 59.045	2206		1.416		na	113.2
74	d7-NMeFOSE		11.56	622.84 > 59.045	72047		103.307		na	103.3
75	NEtFOSE		11.87	629.862 > 59.045	2387		1.296		na	103.7
76	d9-NEtFOSE		11.85	638.734 > 59.045	69590		98.816		na	98.8
77	M3PFPeA		4.86	266.017 > 222.007	68446		10.098		na	101.0
78	M2PFHxA		6.75	315.032 > 270.03	70592		10.229		na	102.3
79	M4PFOA		8.97	417.032 > 372.03	110951		10.434		na	104.3
80	PFPrS	423-41-6	3.32	249.084 > 80.062	636		0.490	3.19	NO	107.1
81	PFMPA		3.30	229.032 > 85.006	1991		0.535		na	107.0
82	PFMBA		5.57	279.042 > 85.006	2185		0.518		na	103.5

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

ID: IA537STD-.5
Name: I42785
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
83	PFEESA		6.26	315.093 > 135.013	3276		0.475	22.94	NO	106.8
84	NFDHA		6.53	295.032 > 201.027	35		0.745		YES	149.0

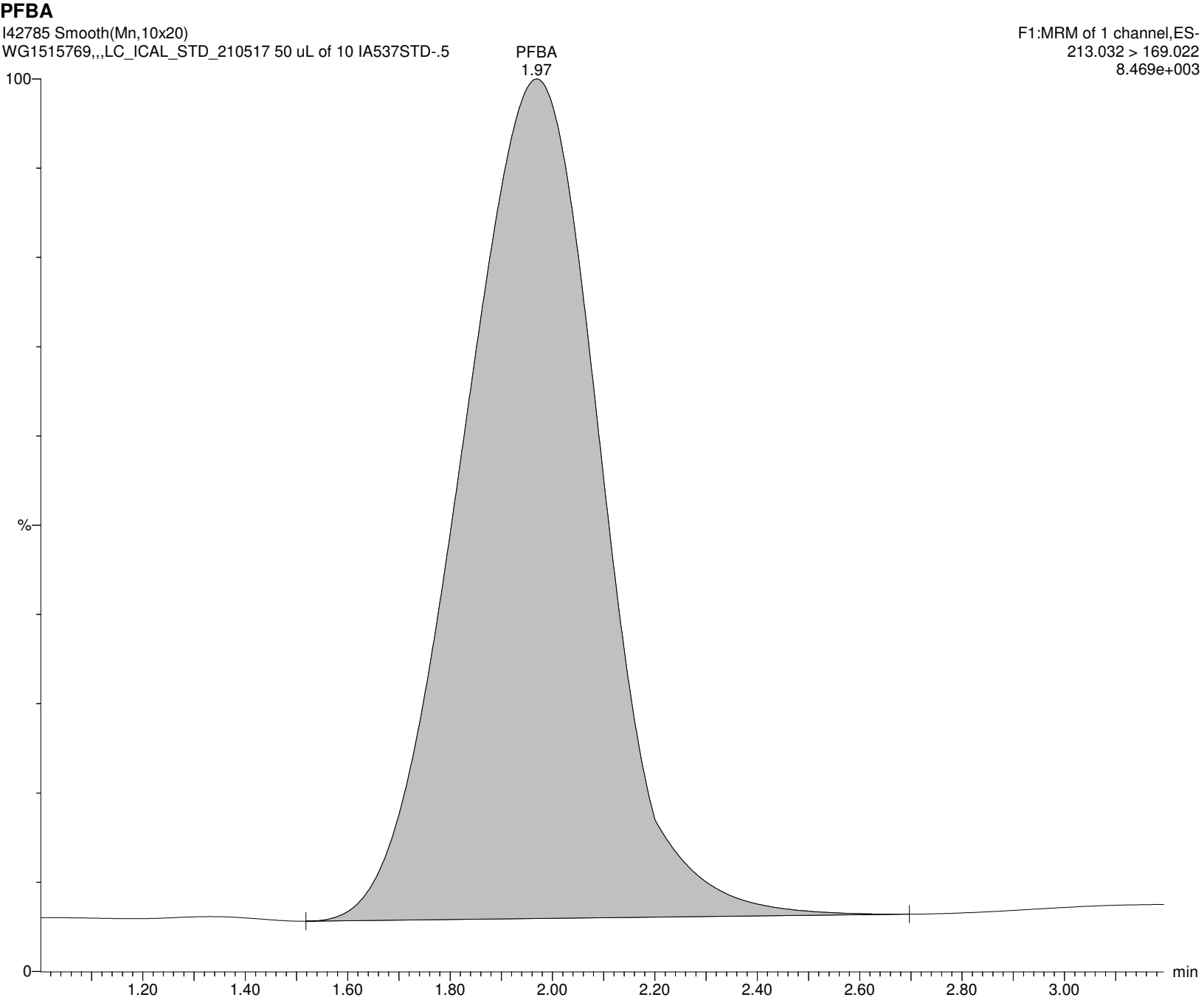
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\MethDB\537ISO_Q_210625_TOP_RT.mdb 22 Jun 2021 09:28:25
Calibration: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBA

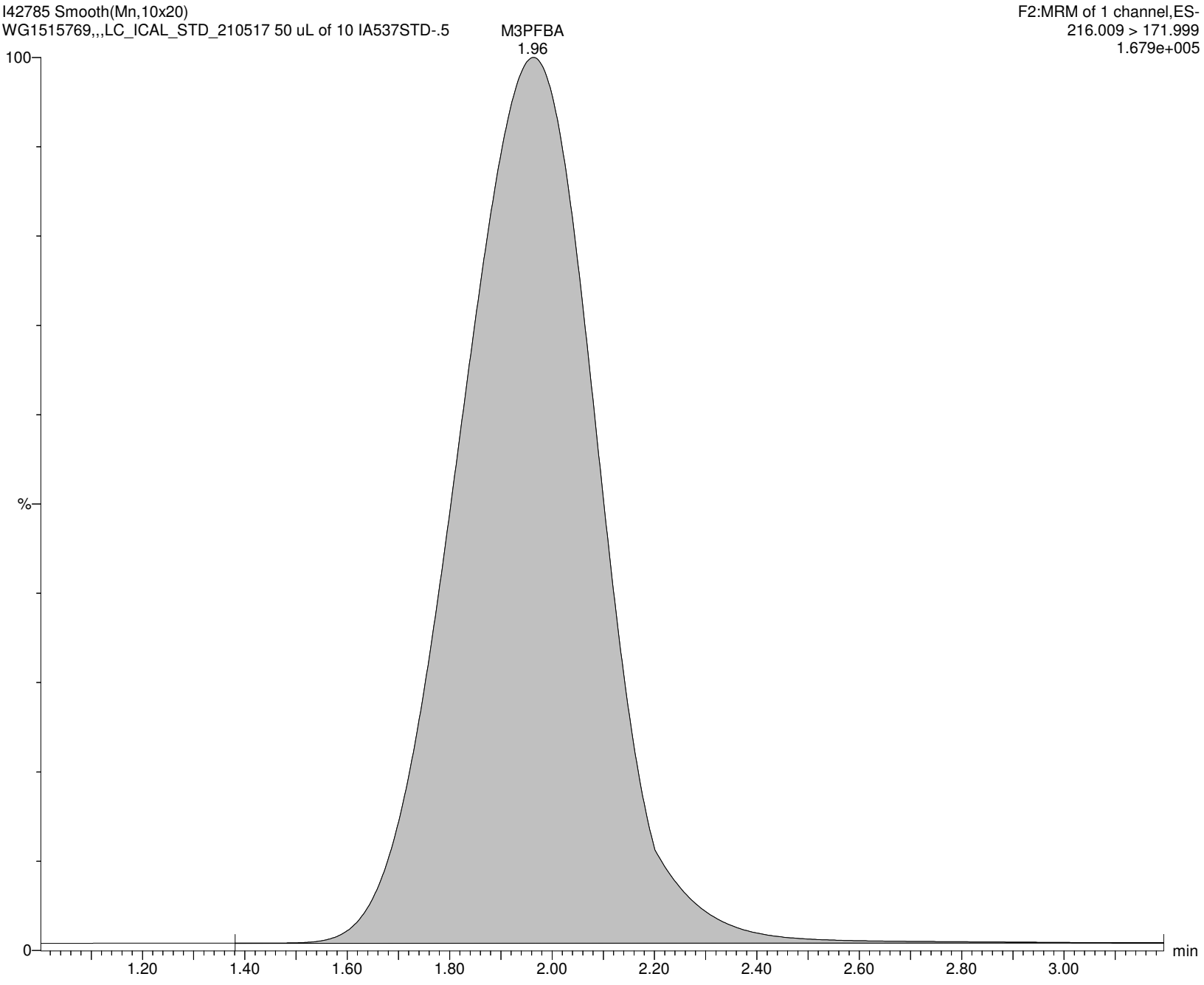


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBA

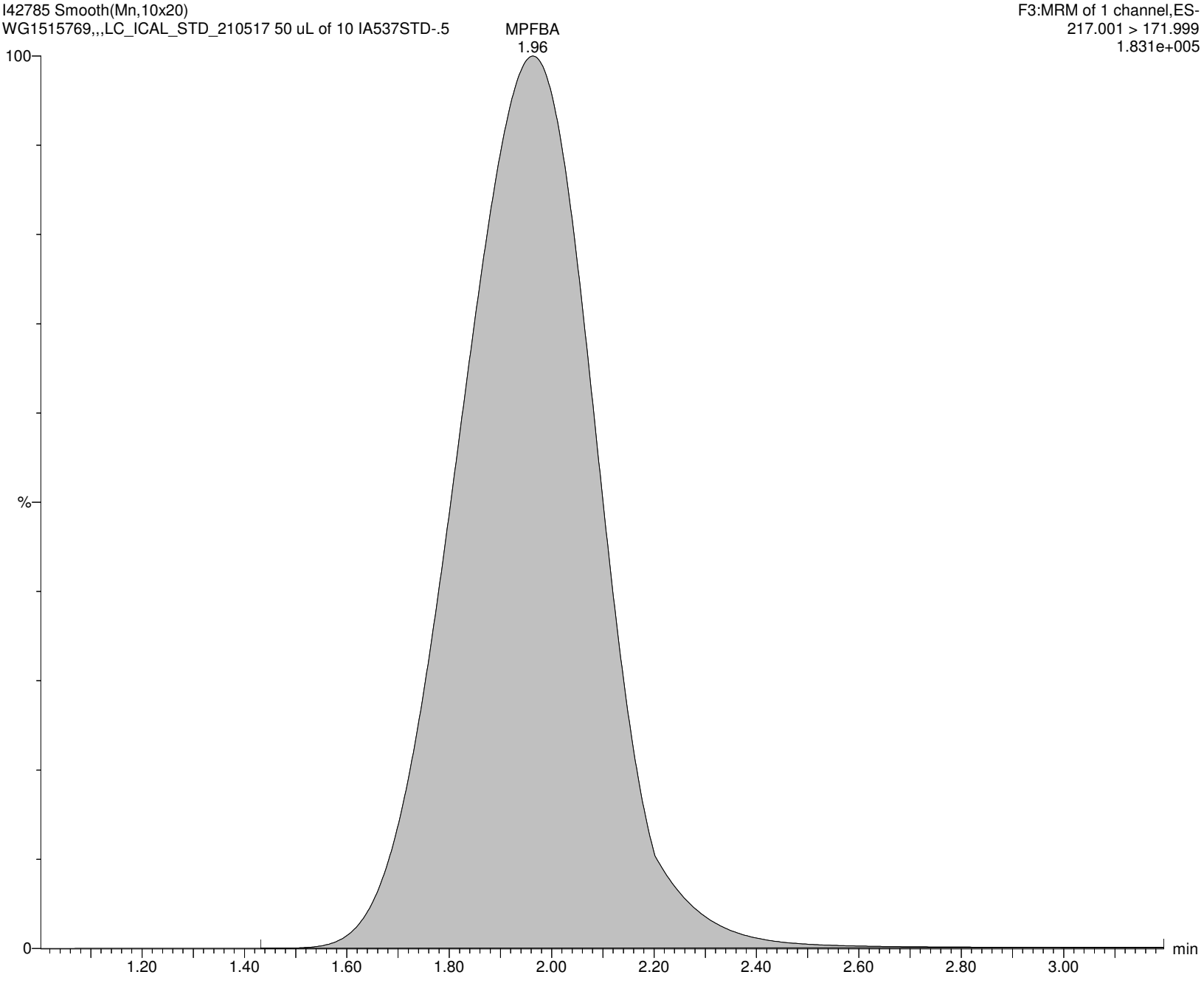


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFBA

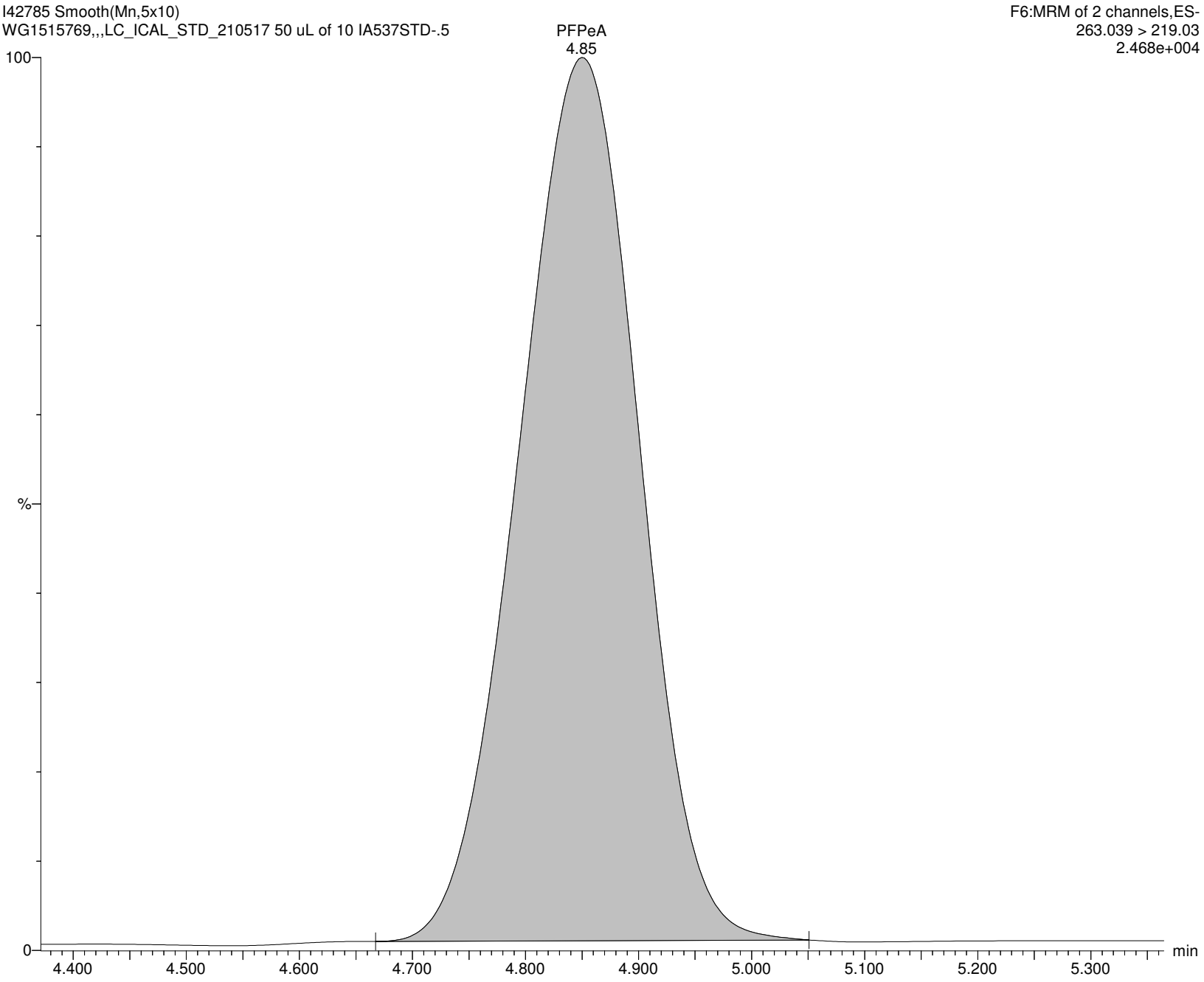


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeA

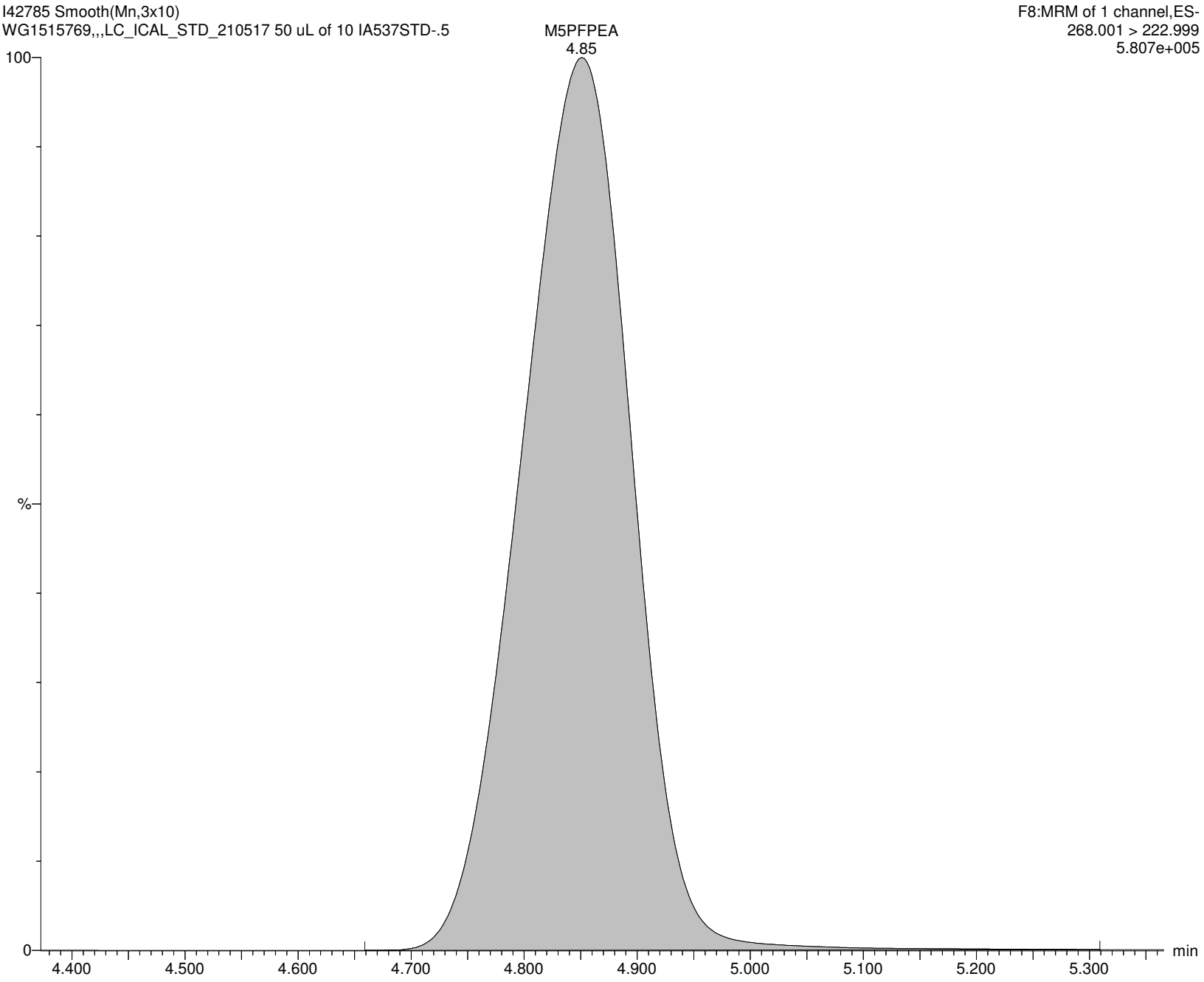


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFPEA

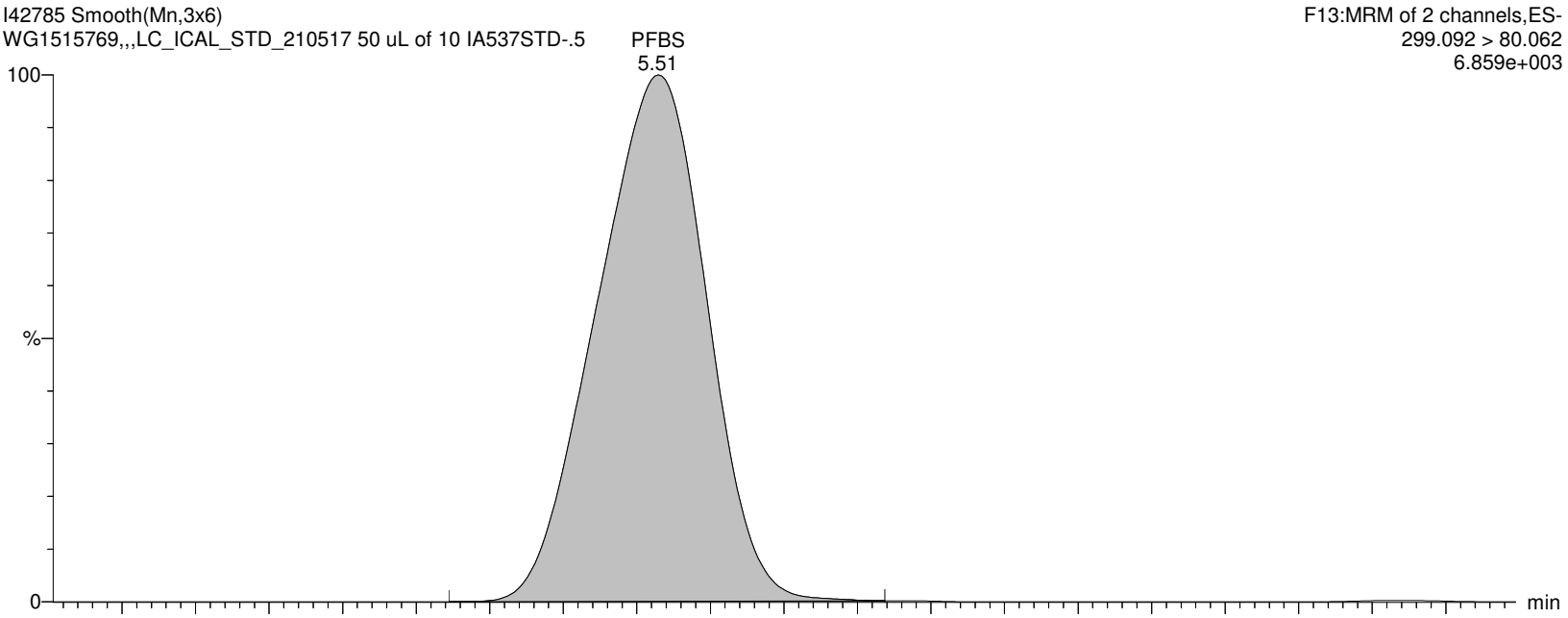


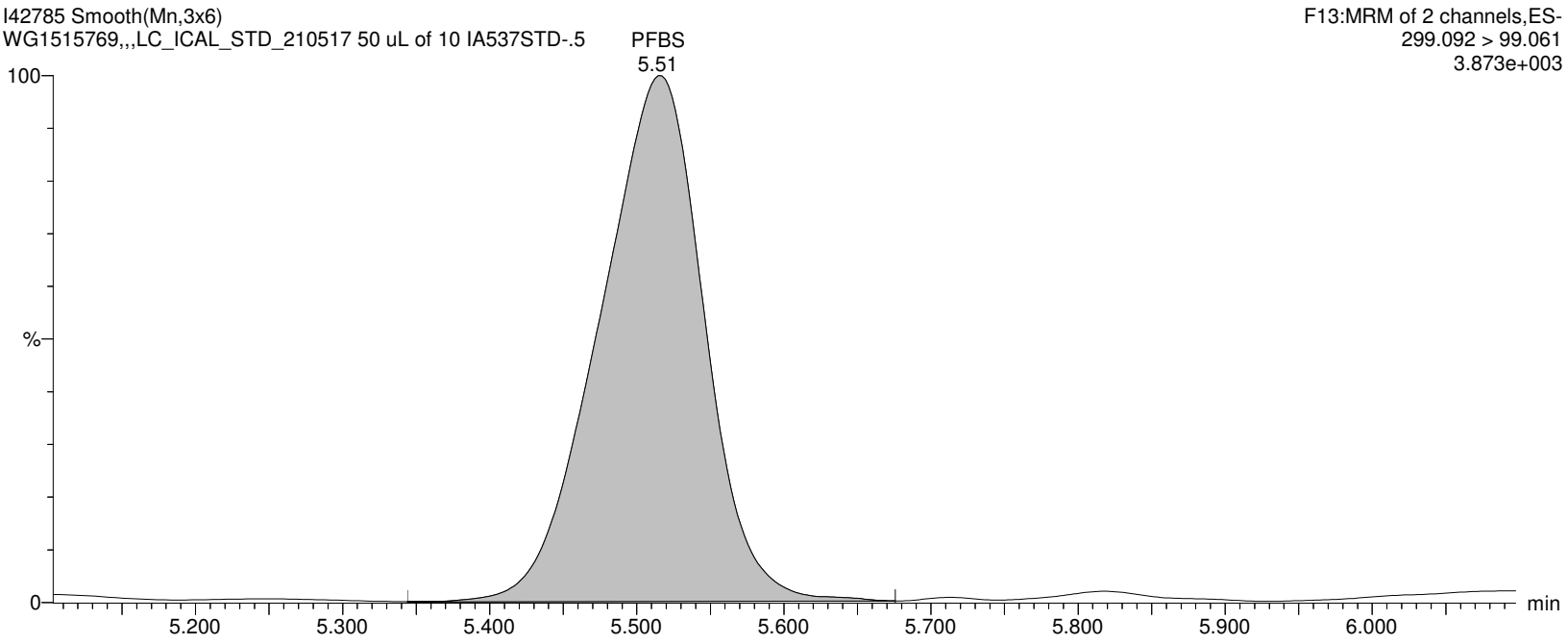
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBS



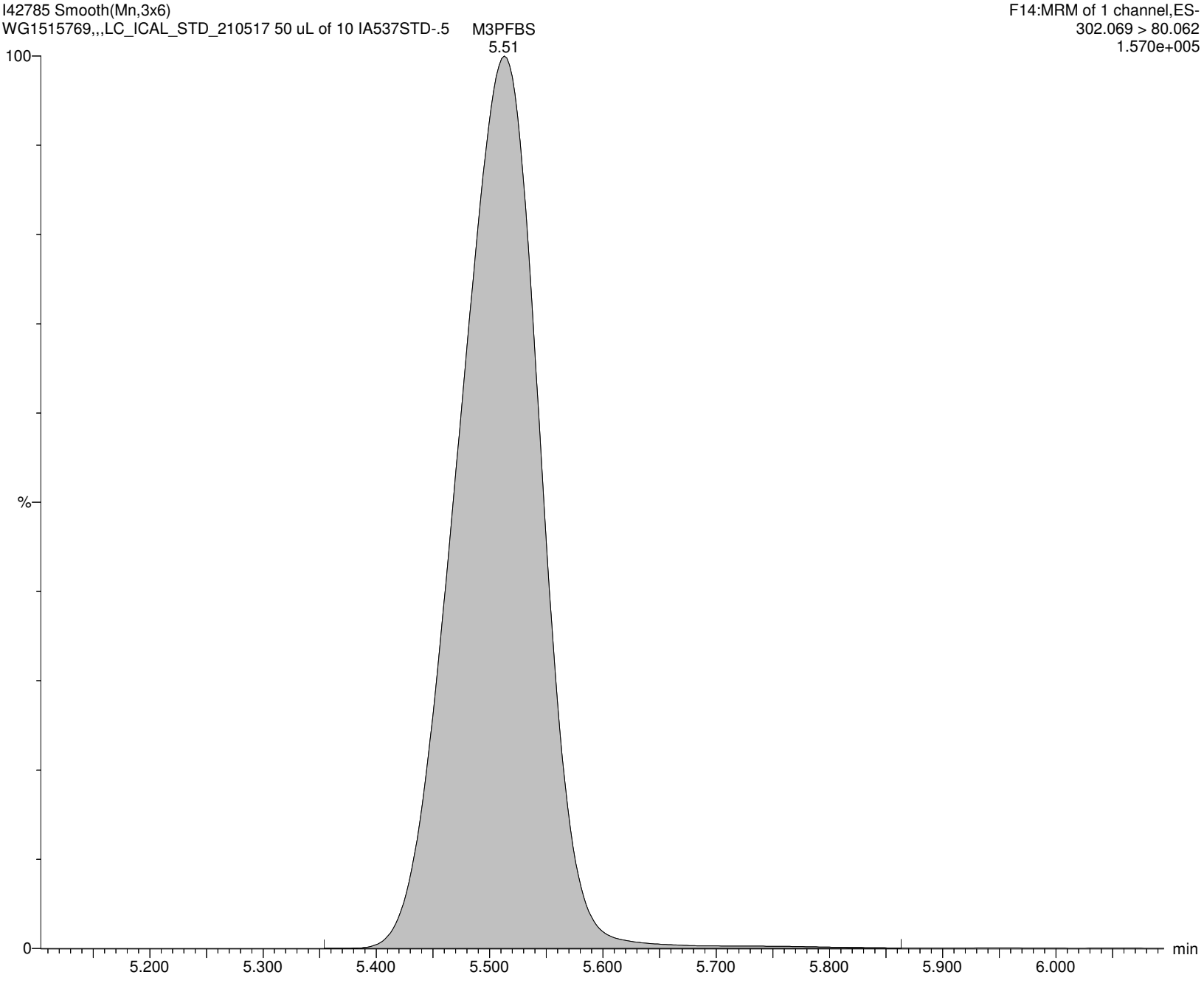


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBS

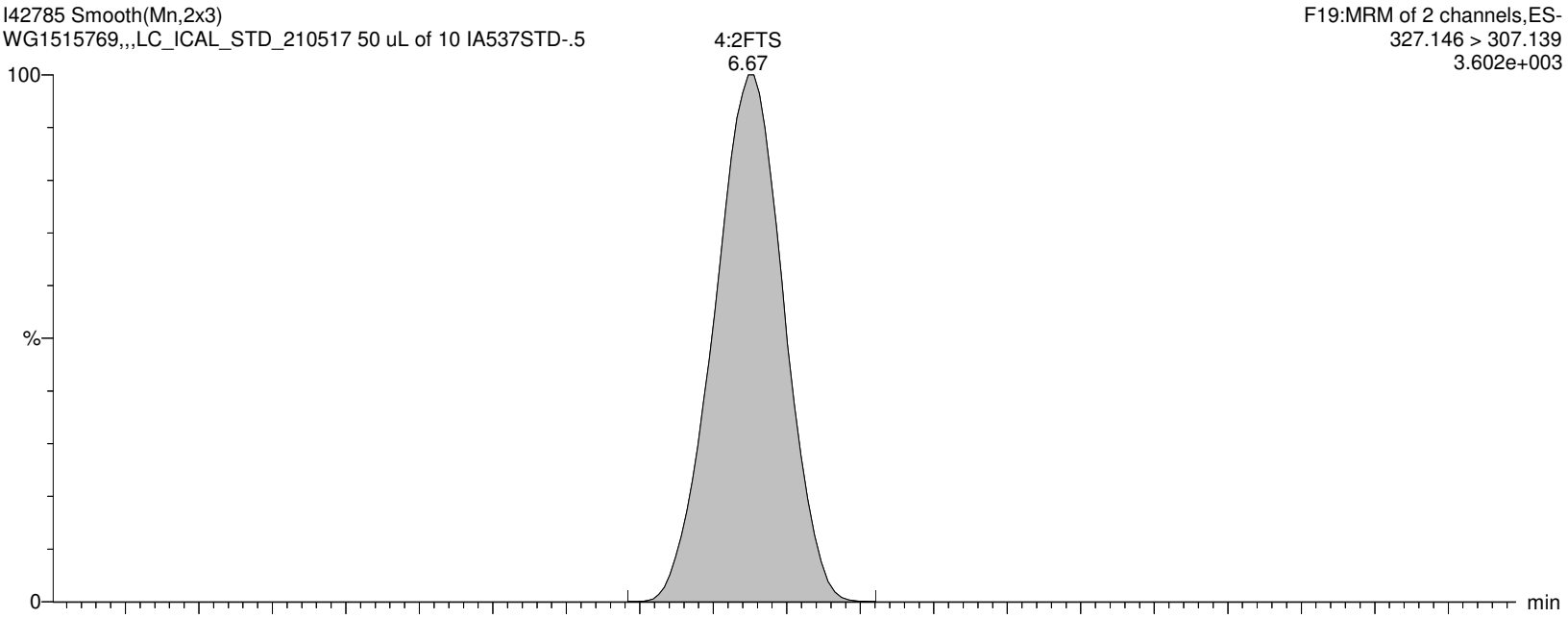


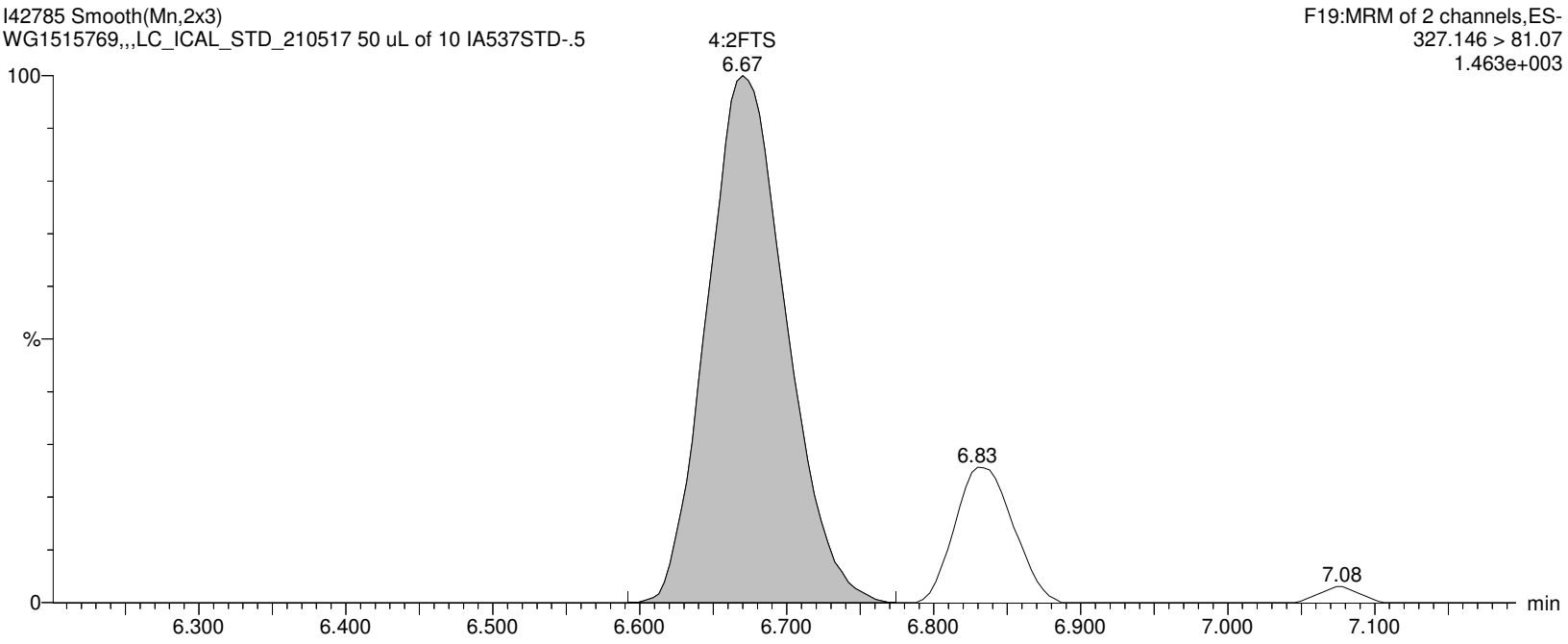
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

4:2FTS



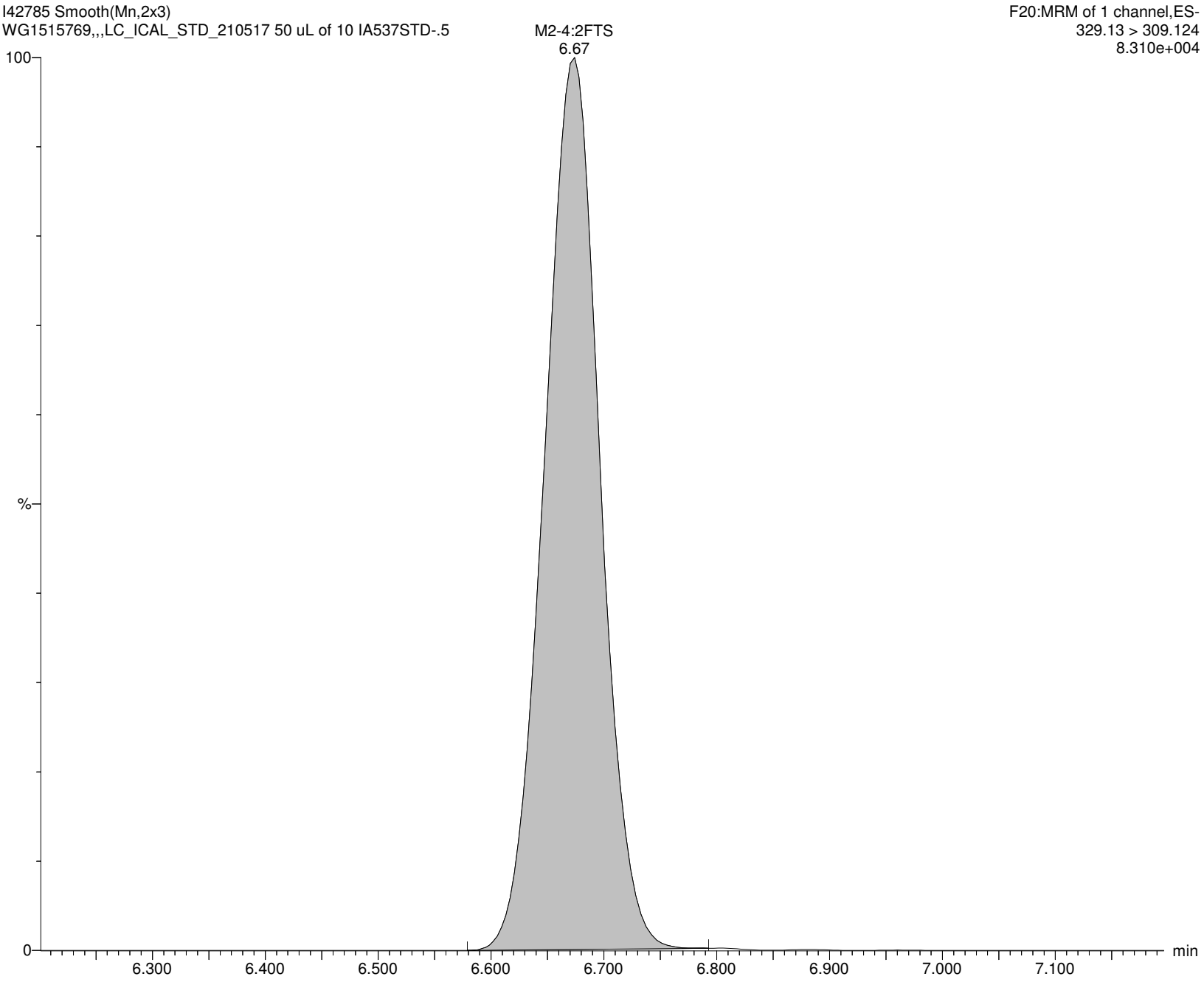


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-4:2FTS

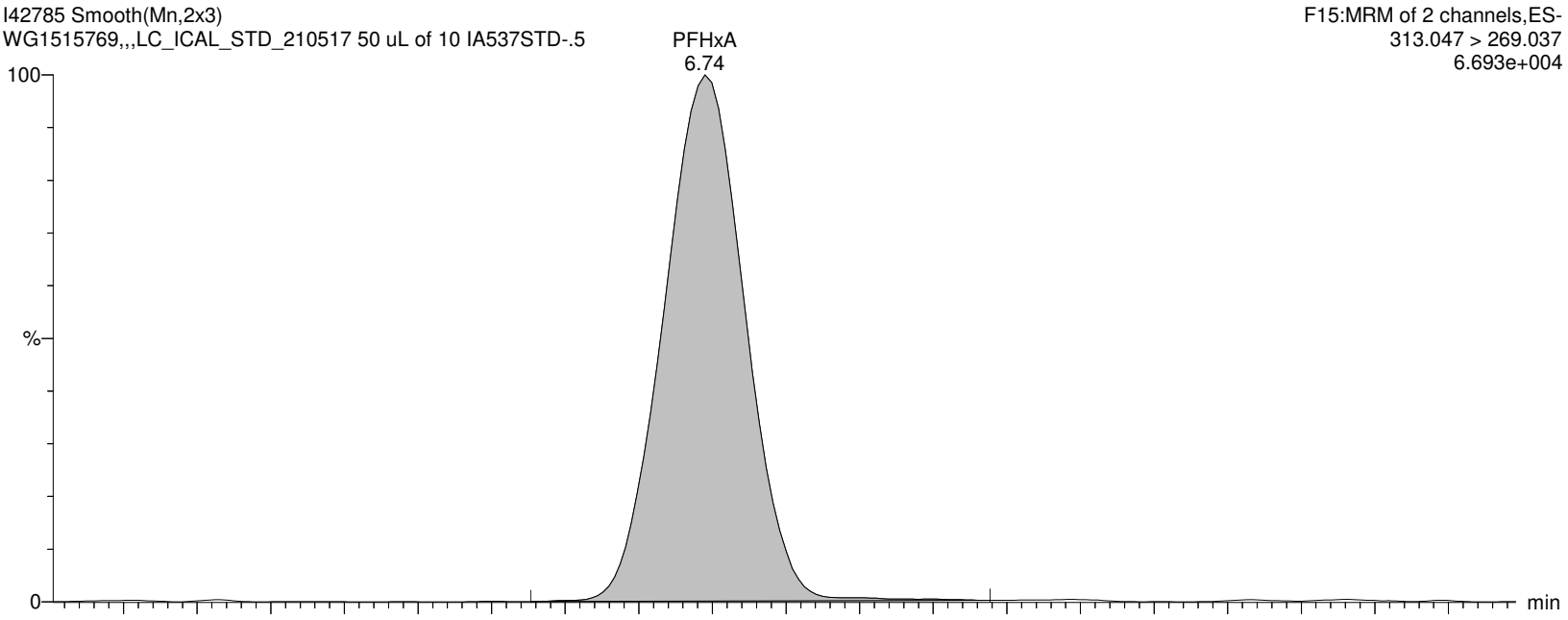


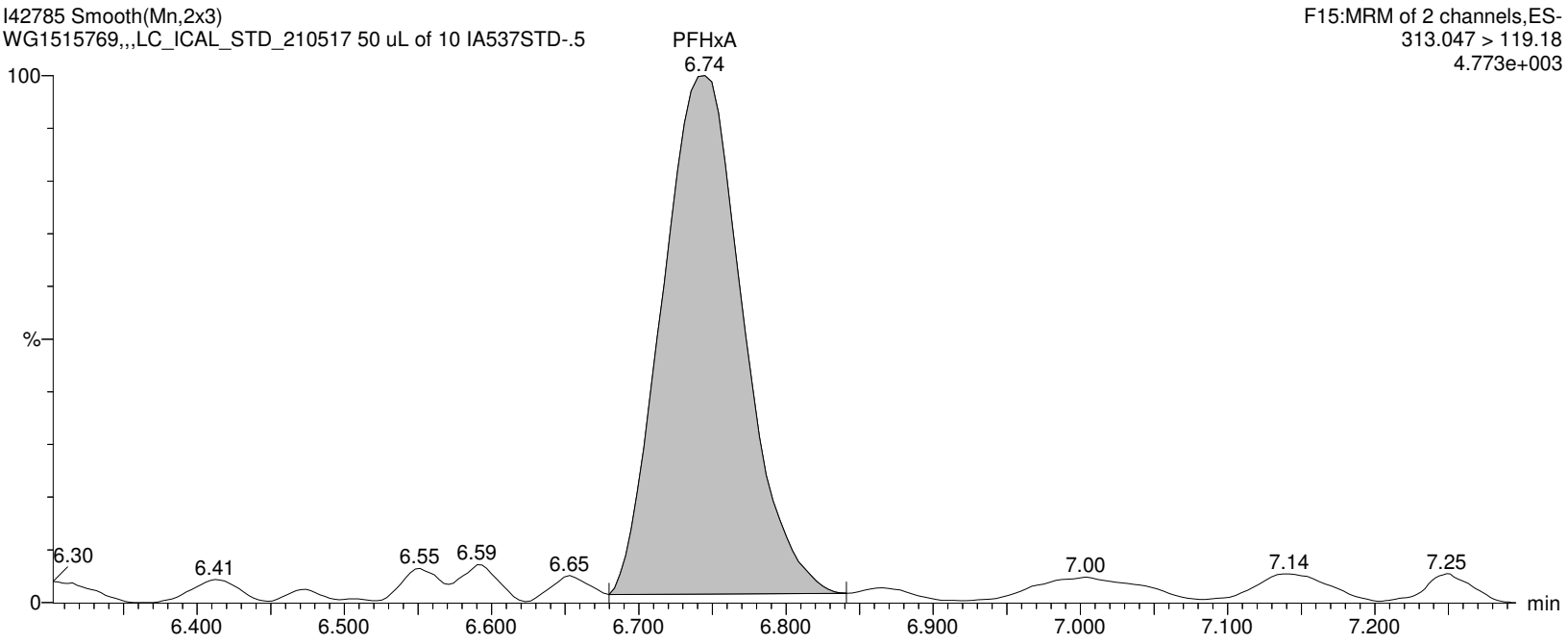
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxA



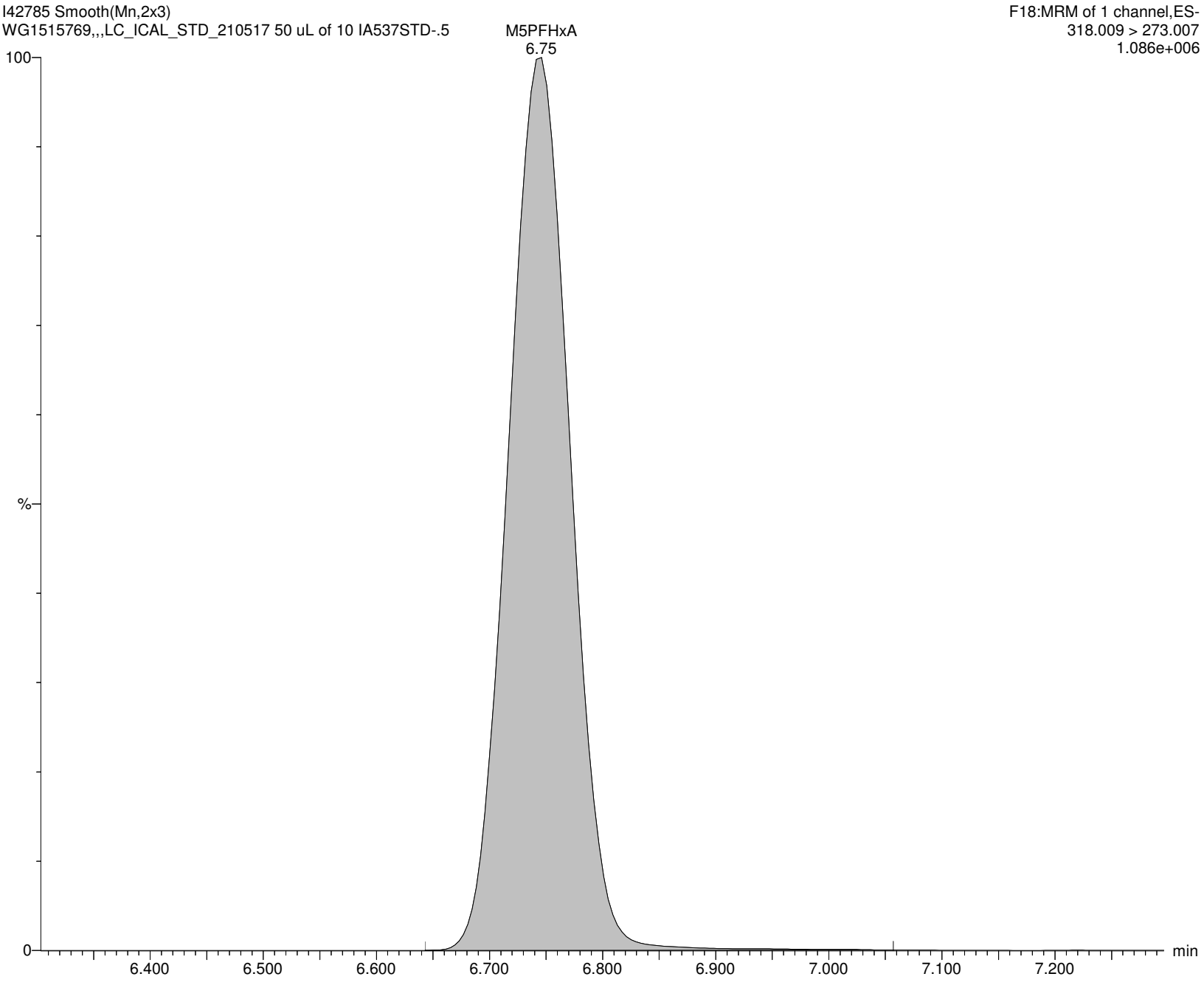


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFHxA

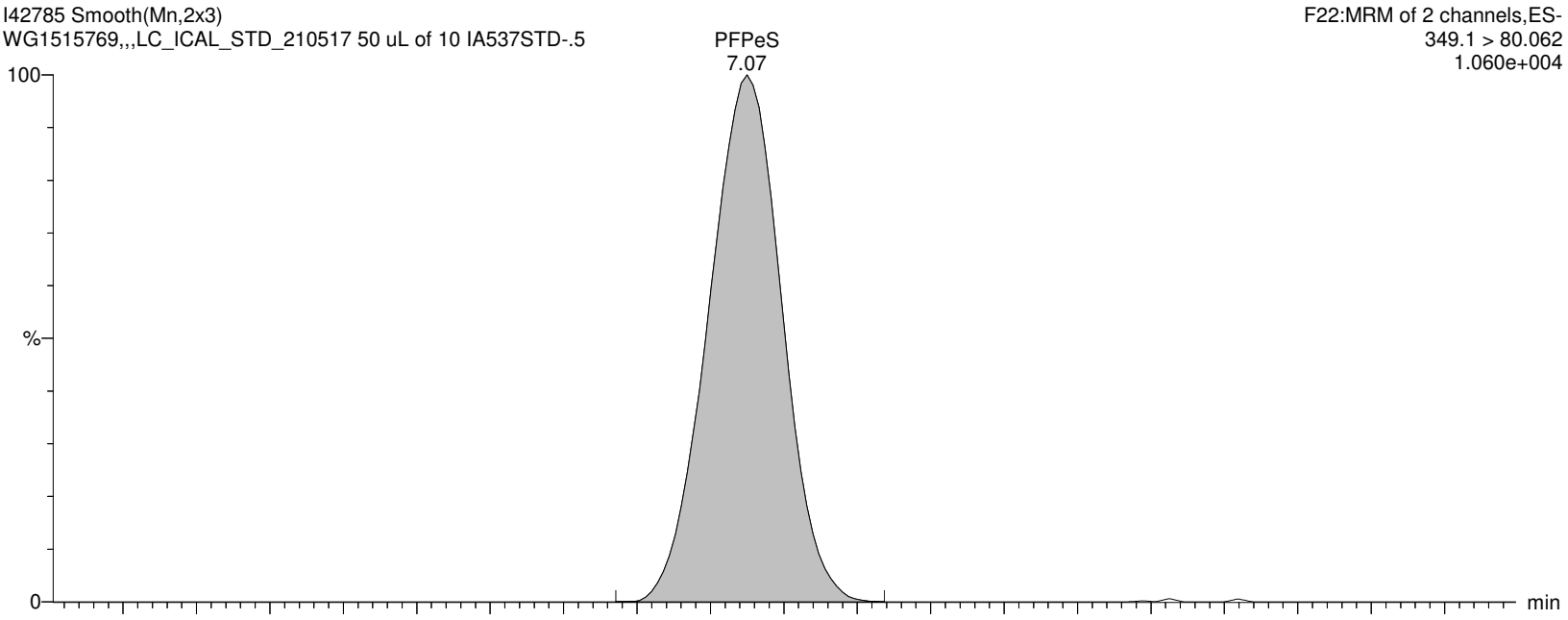


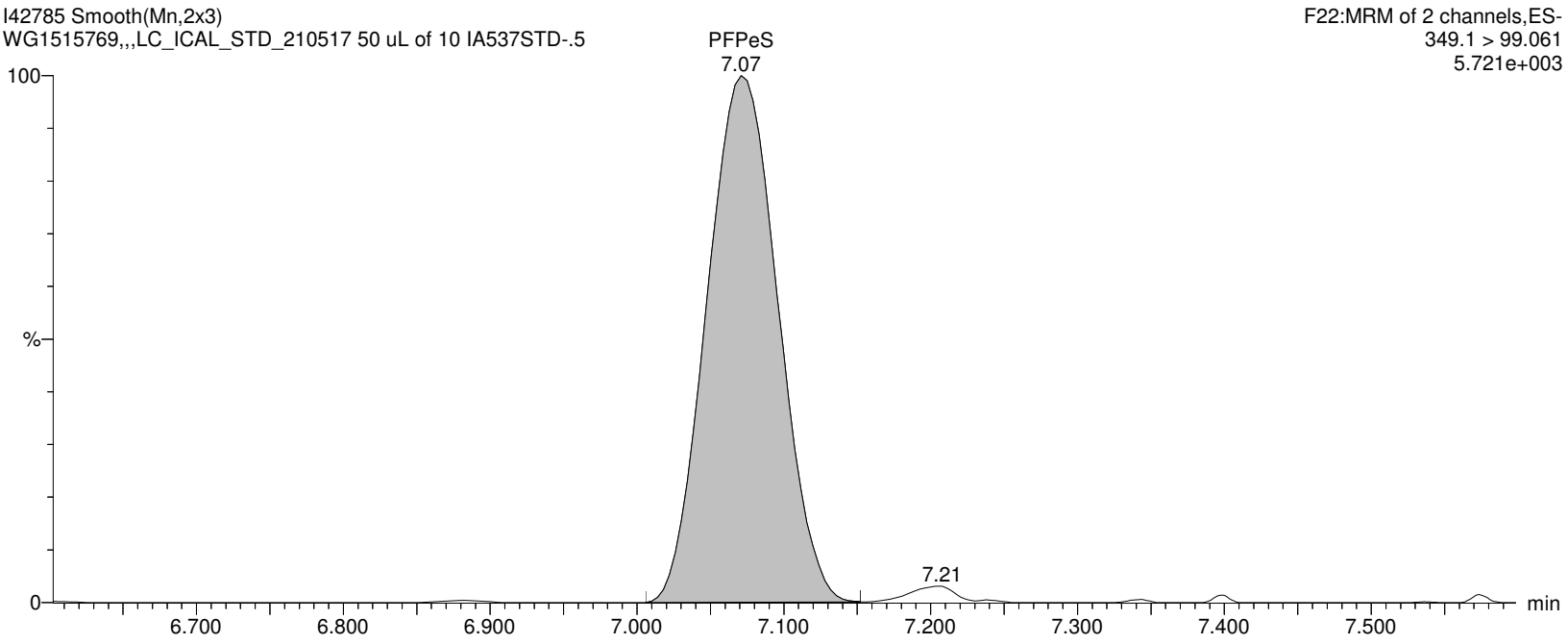
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeS



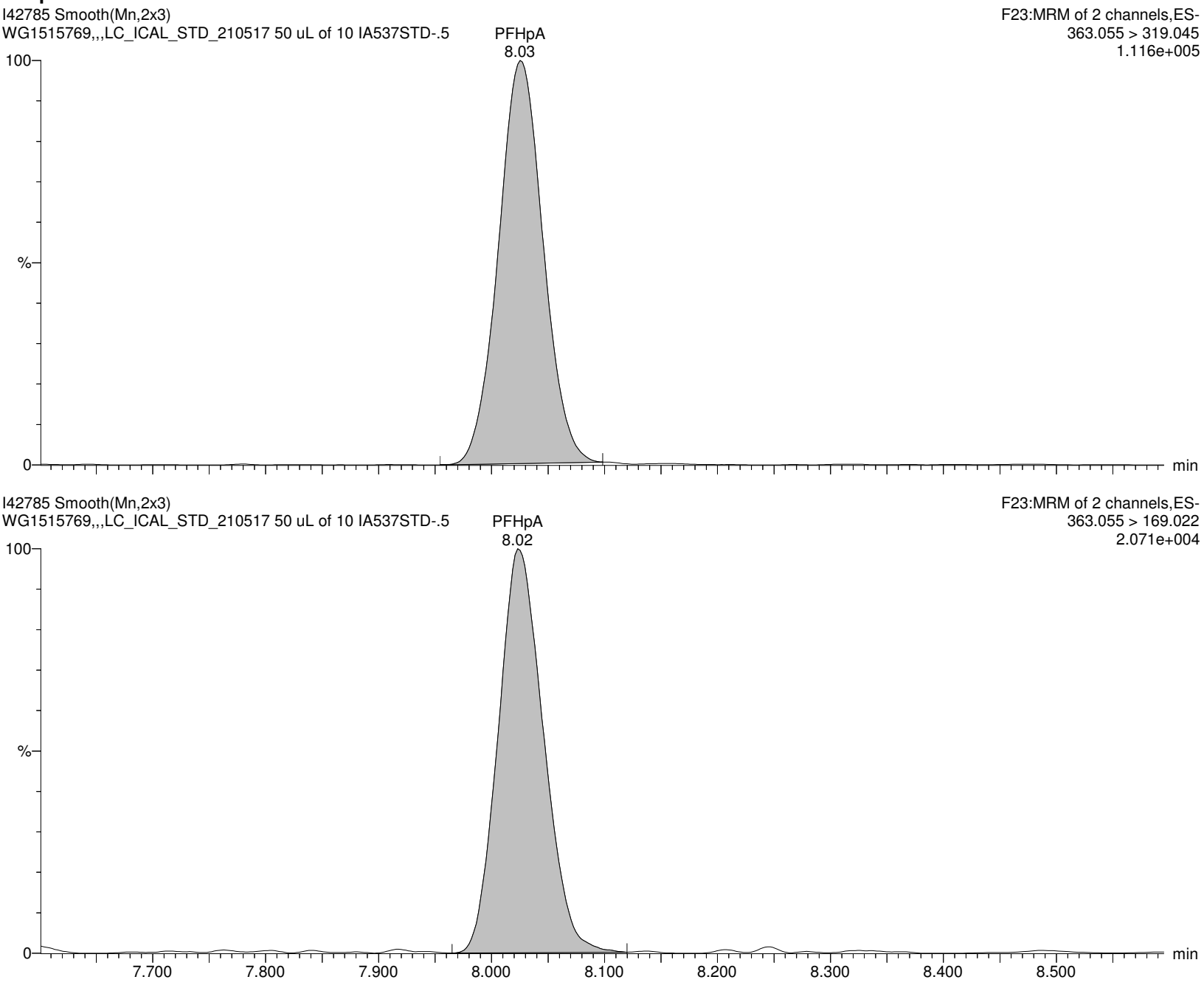


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpA

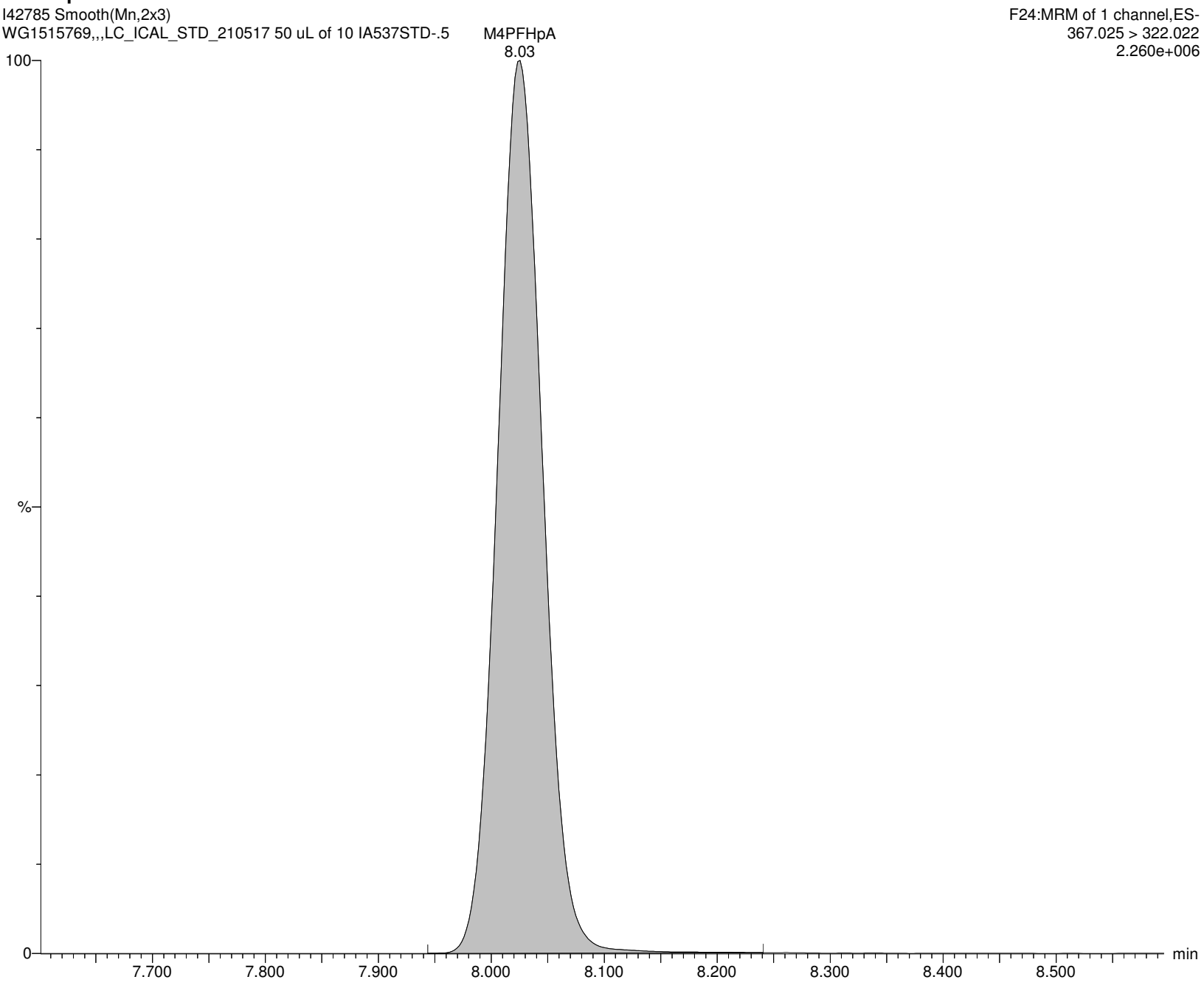


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFHpA

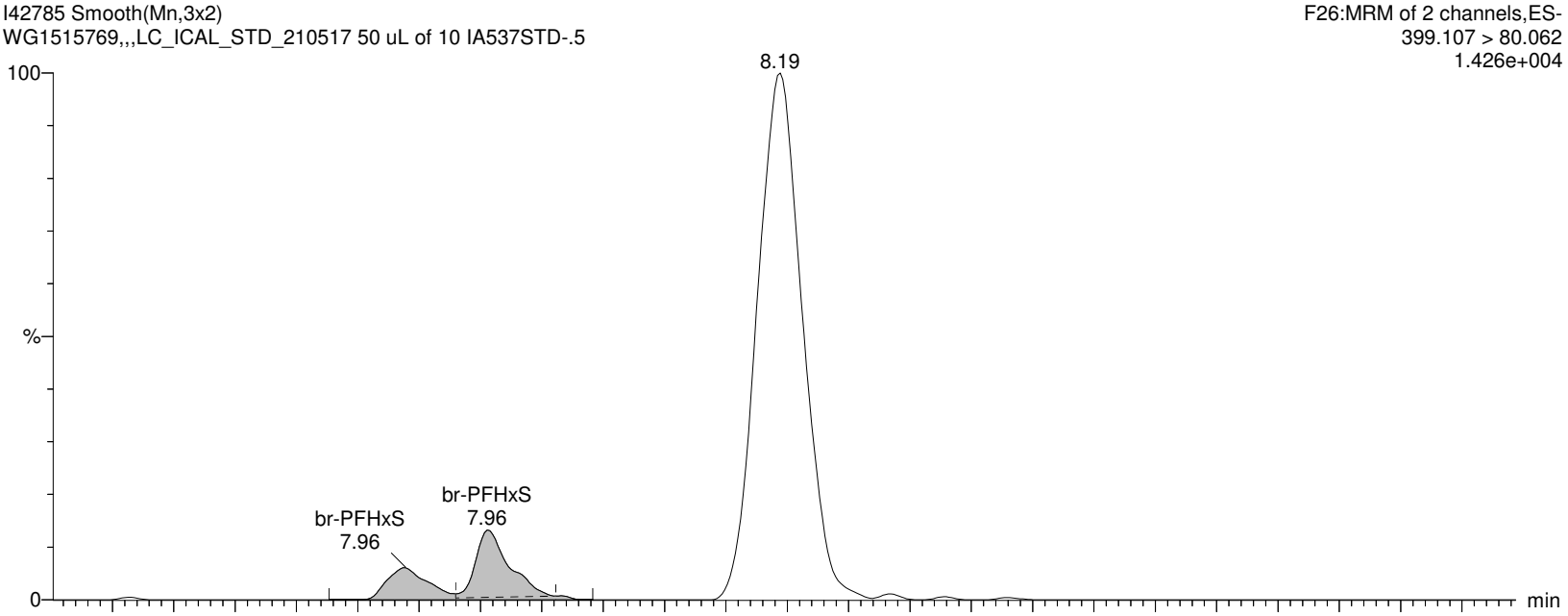


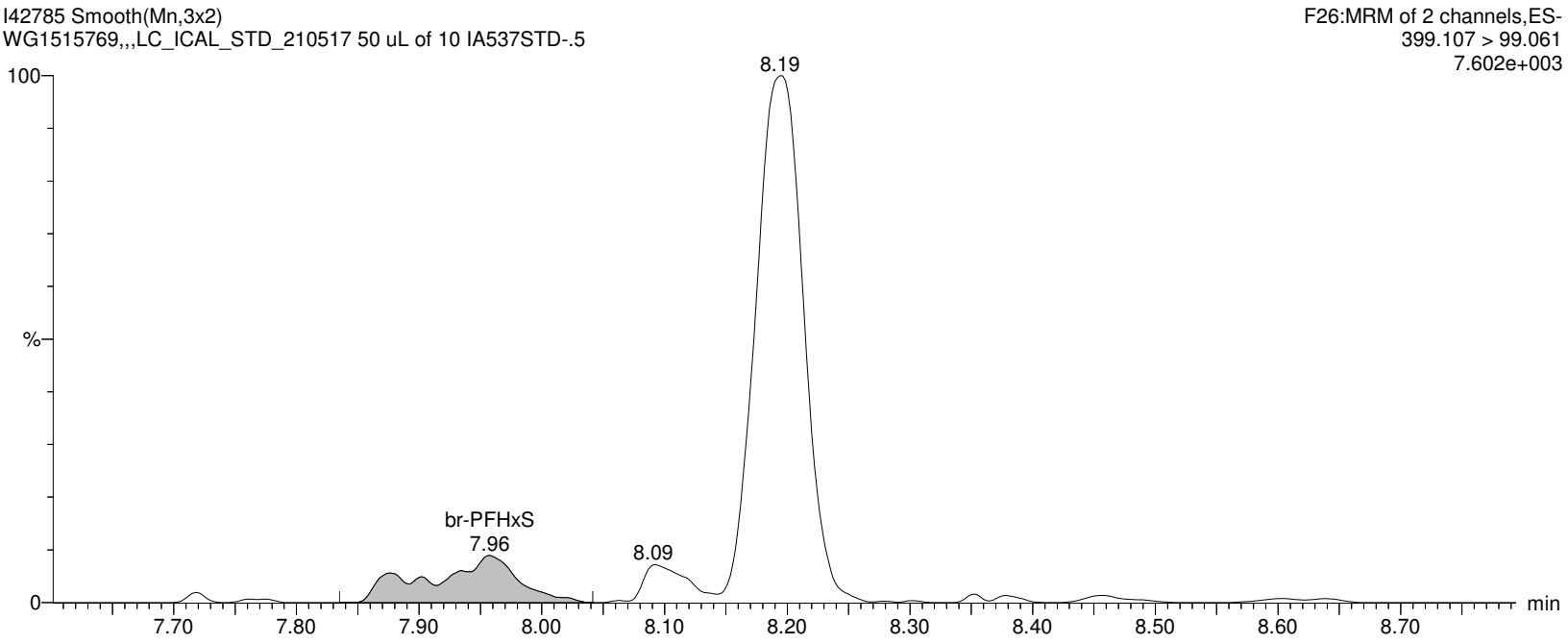
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFHxS



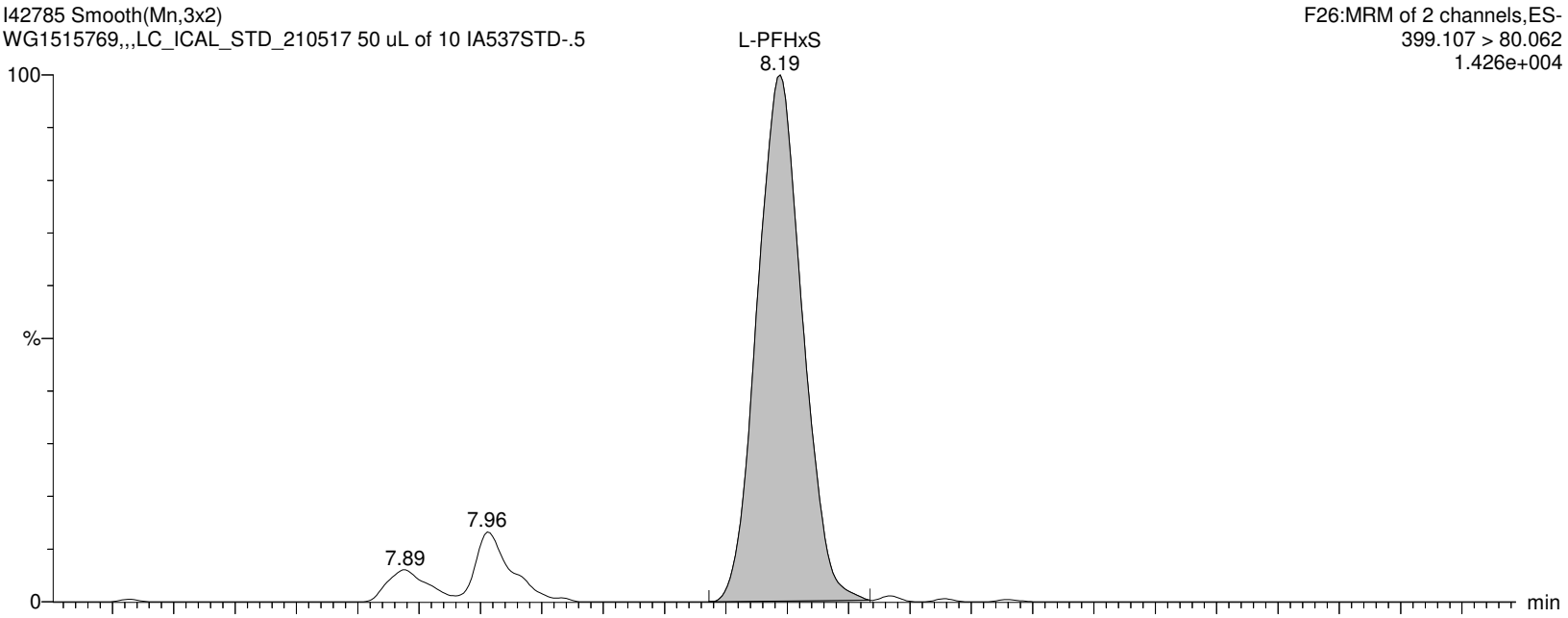


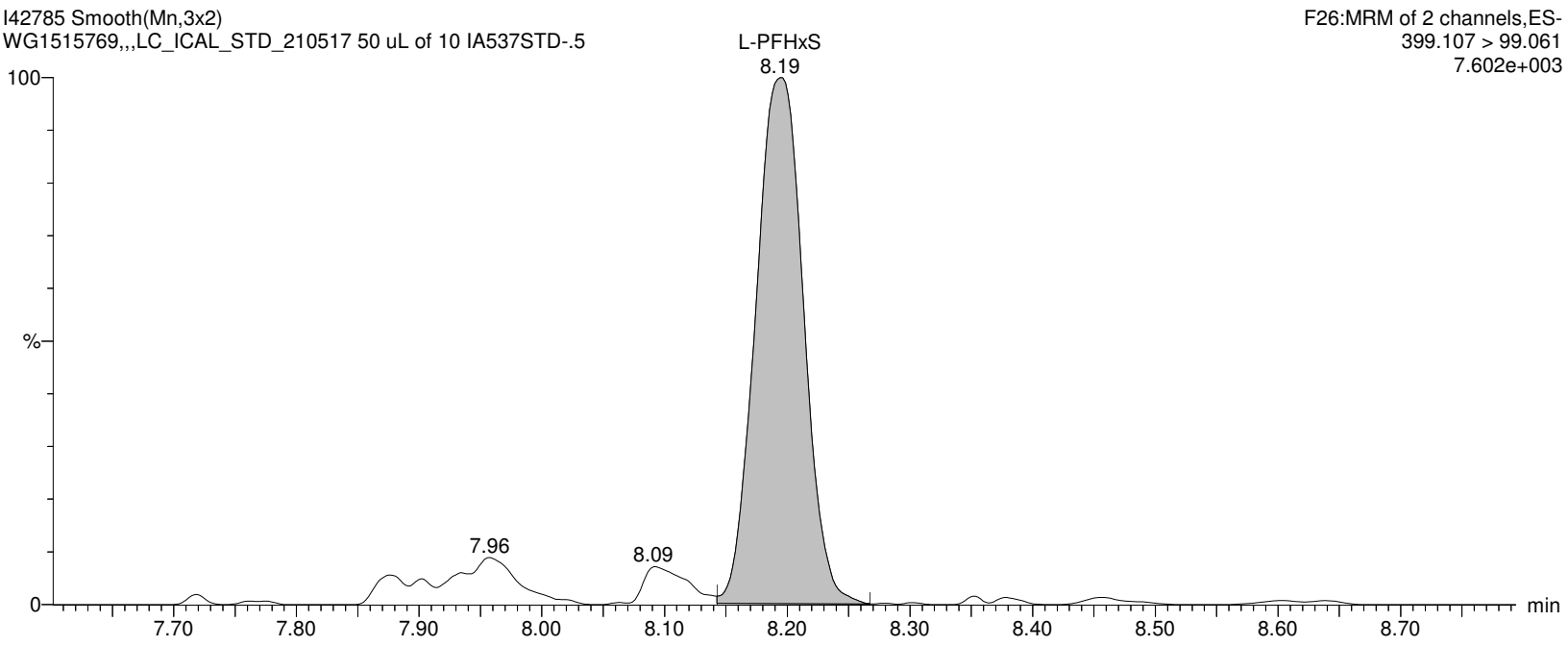
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFHxS



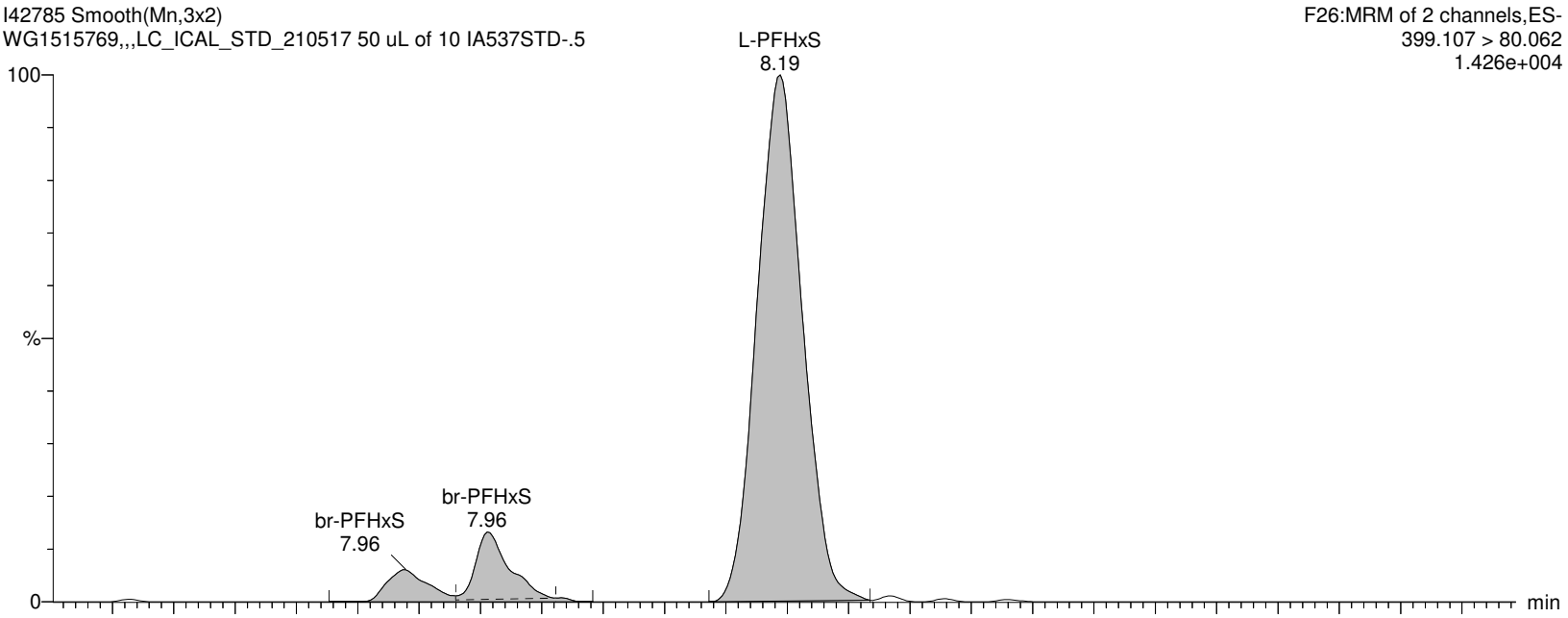


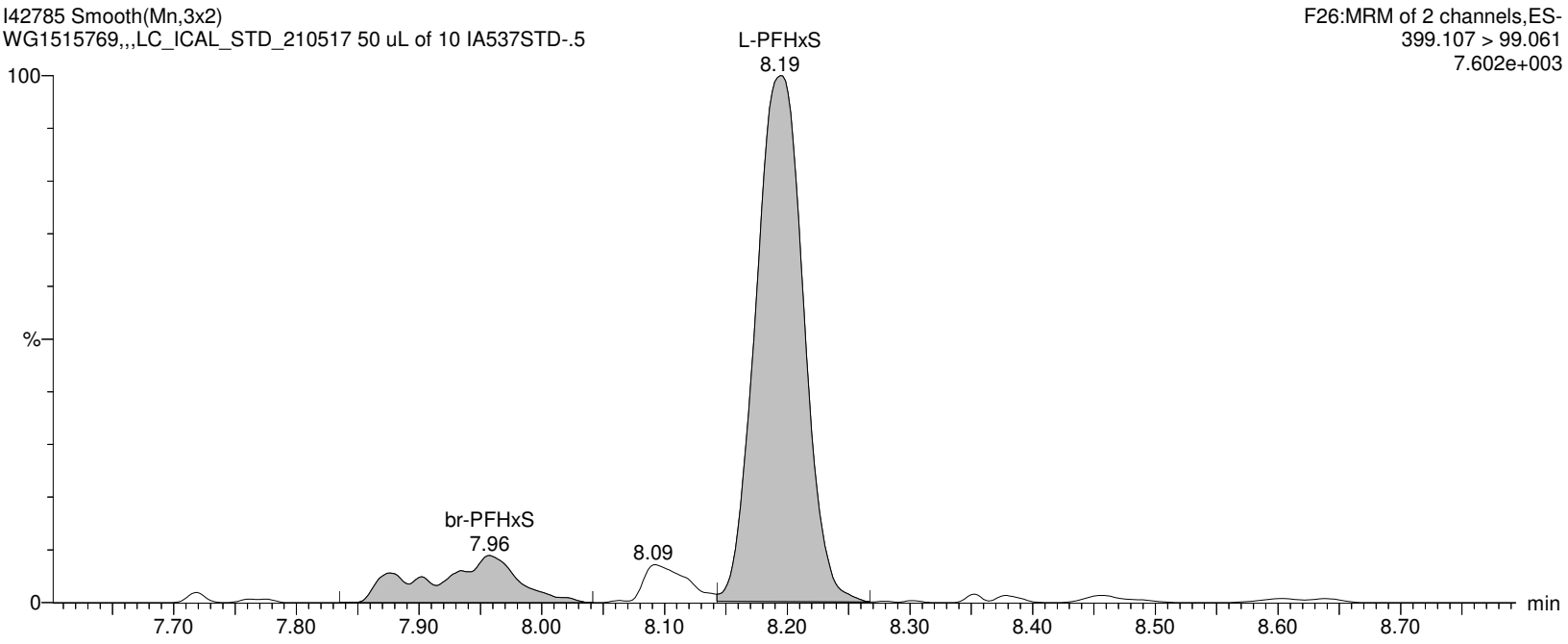
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxS



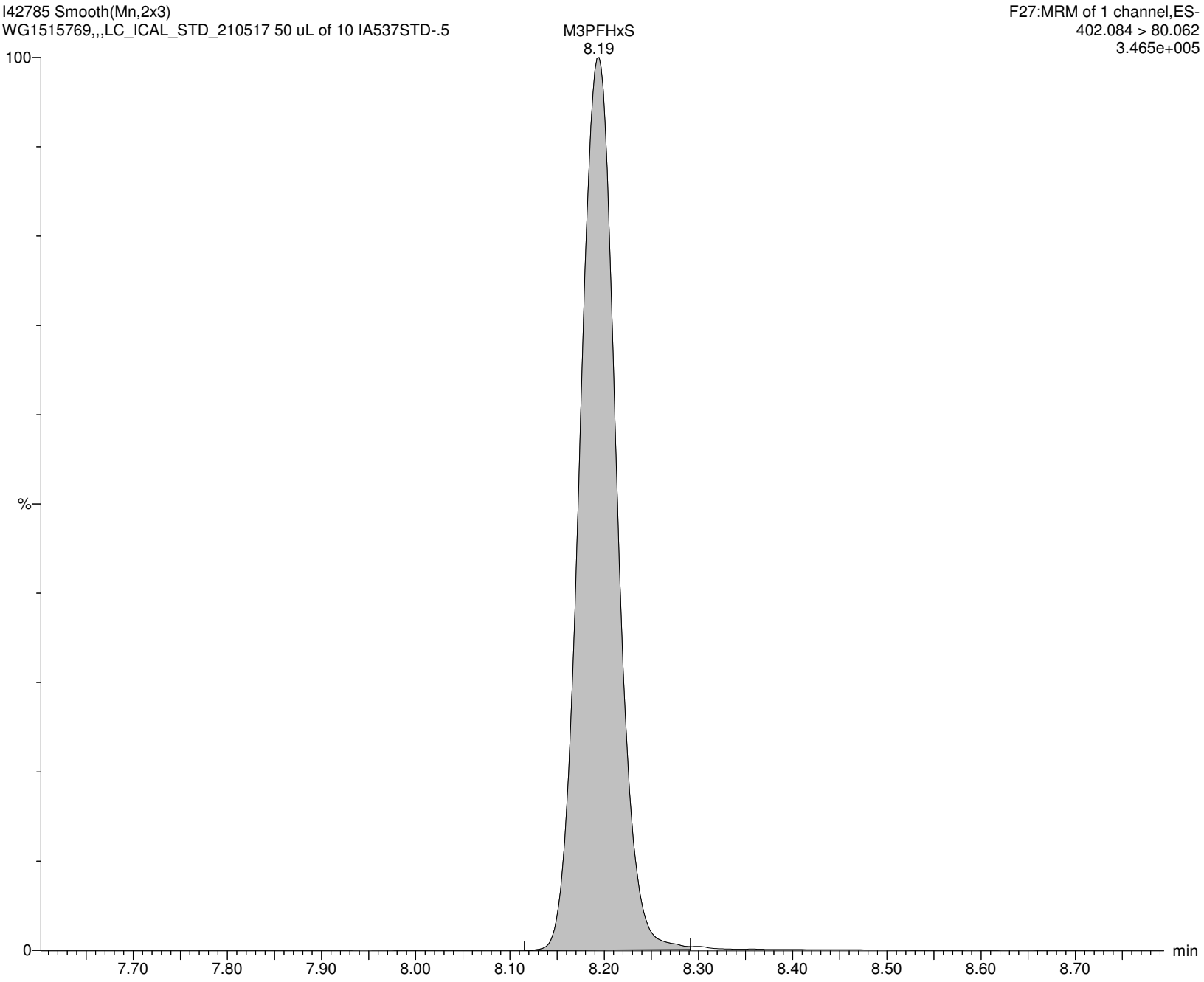


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFHxS

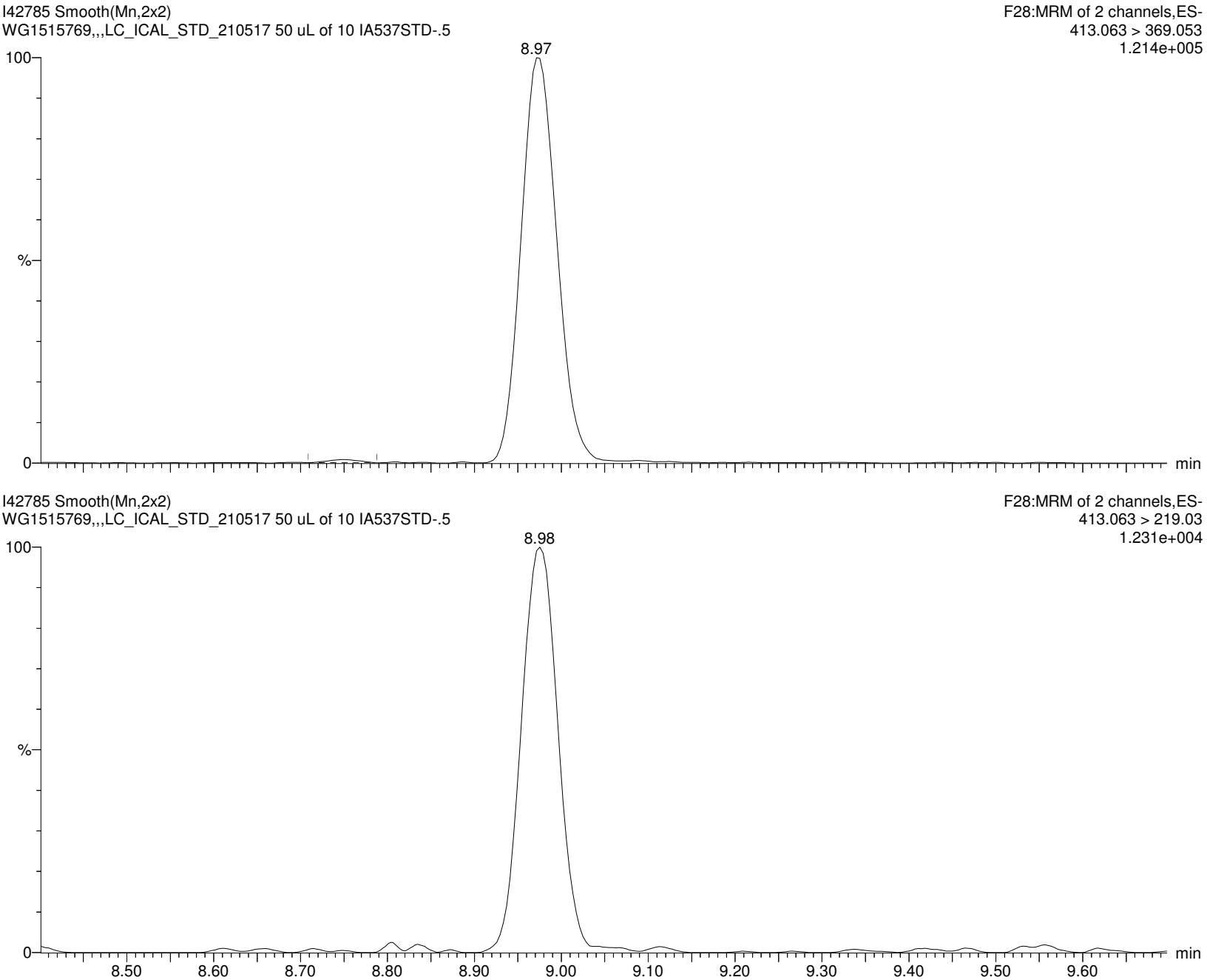


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOA

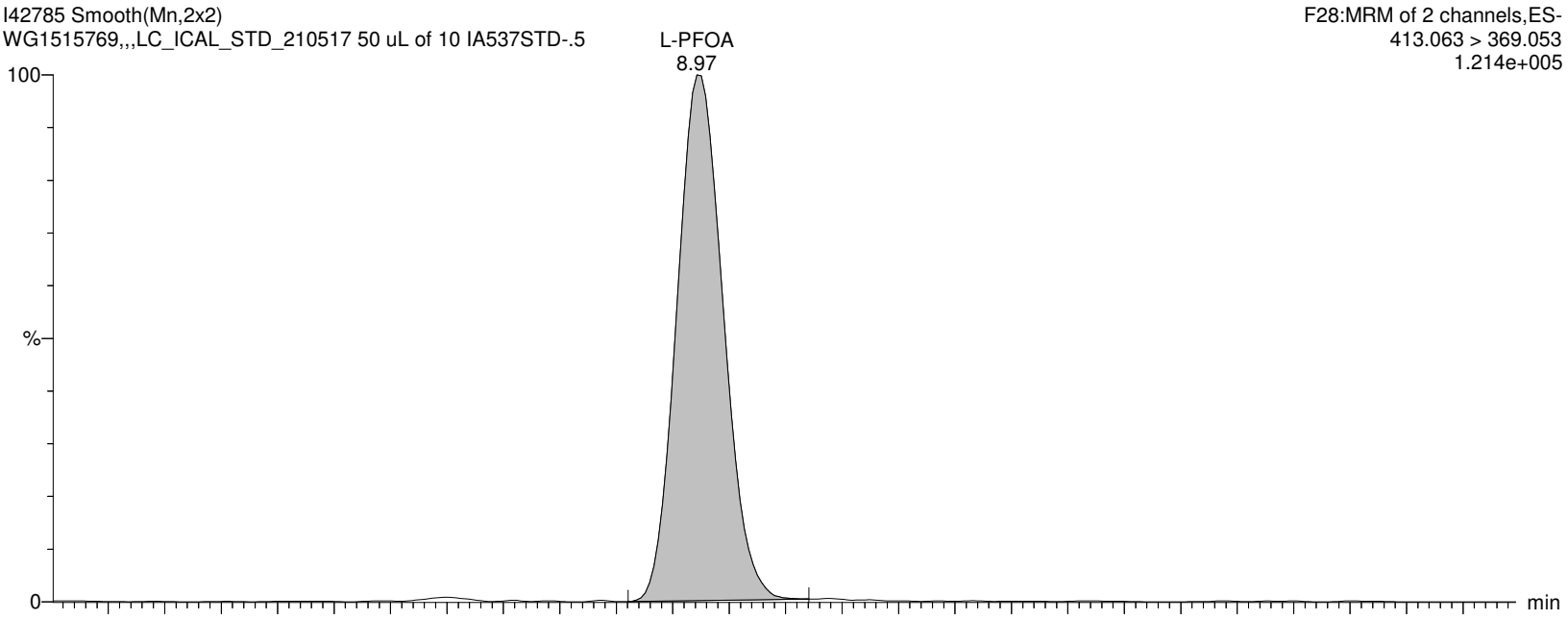


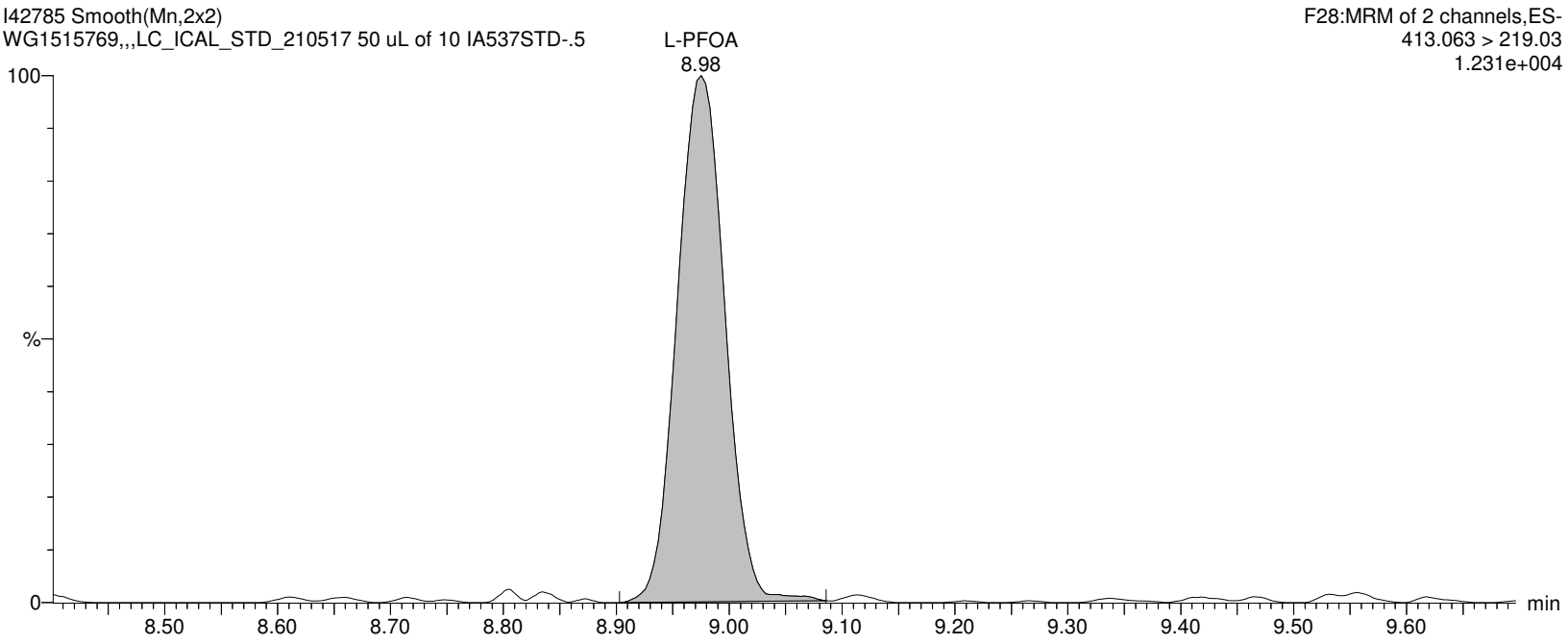
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOA



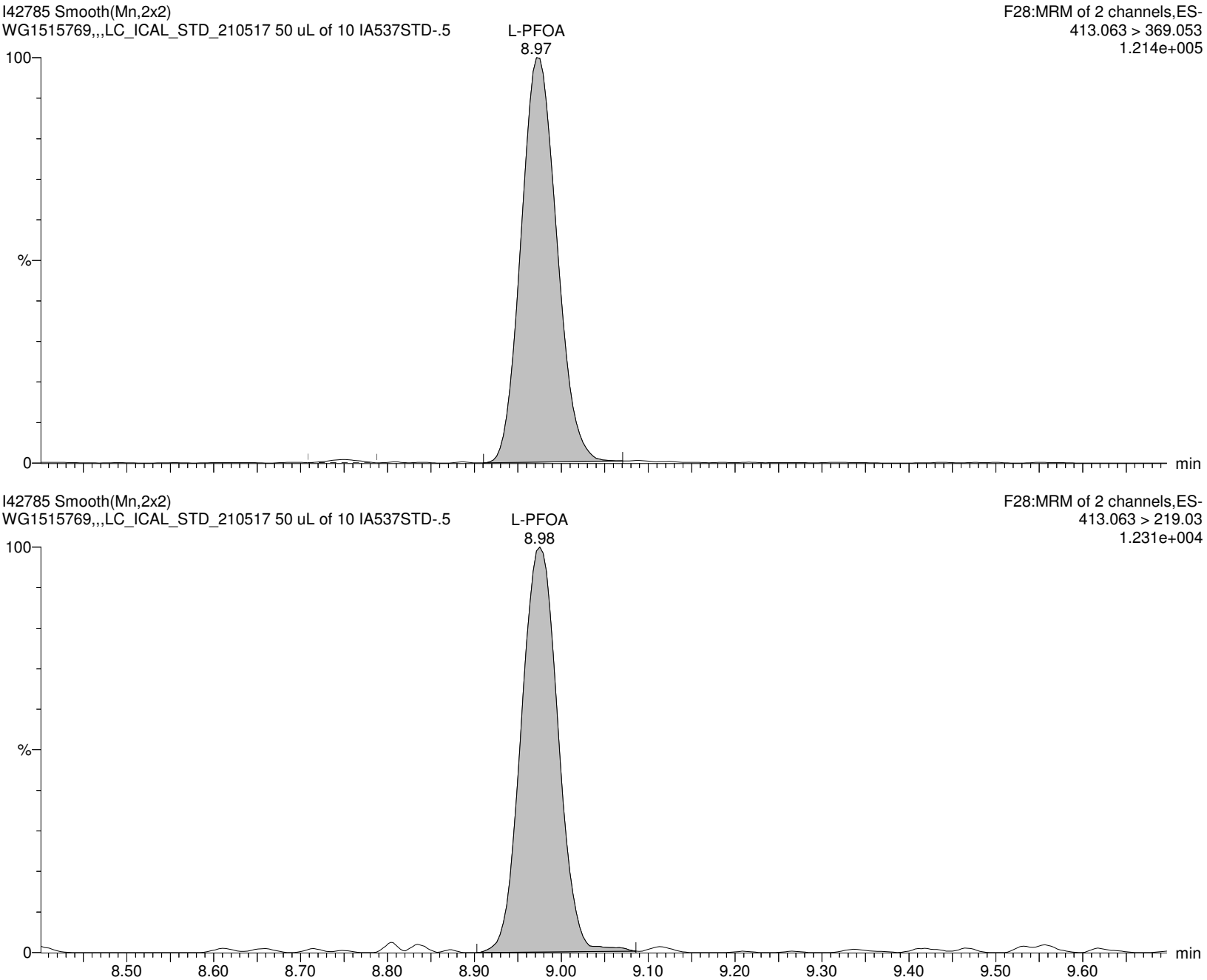


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOA

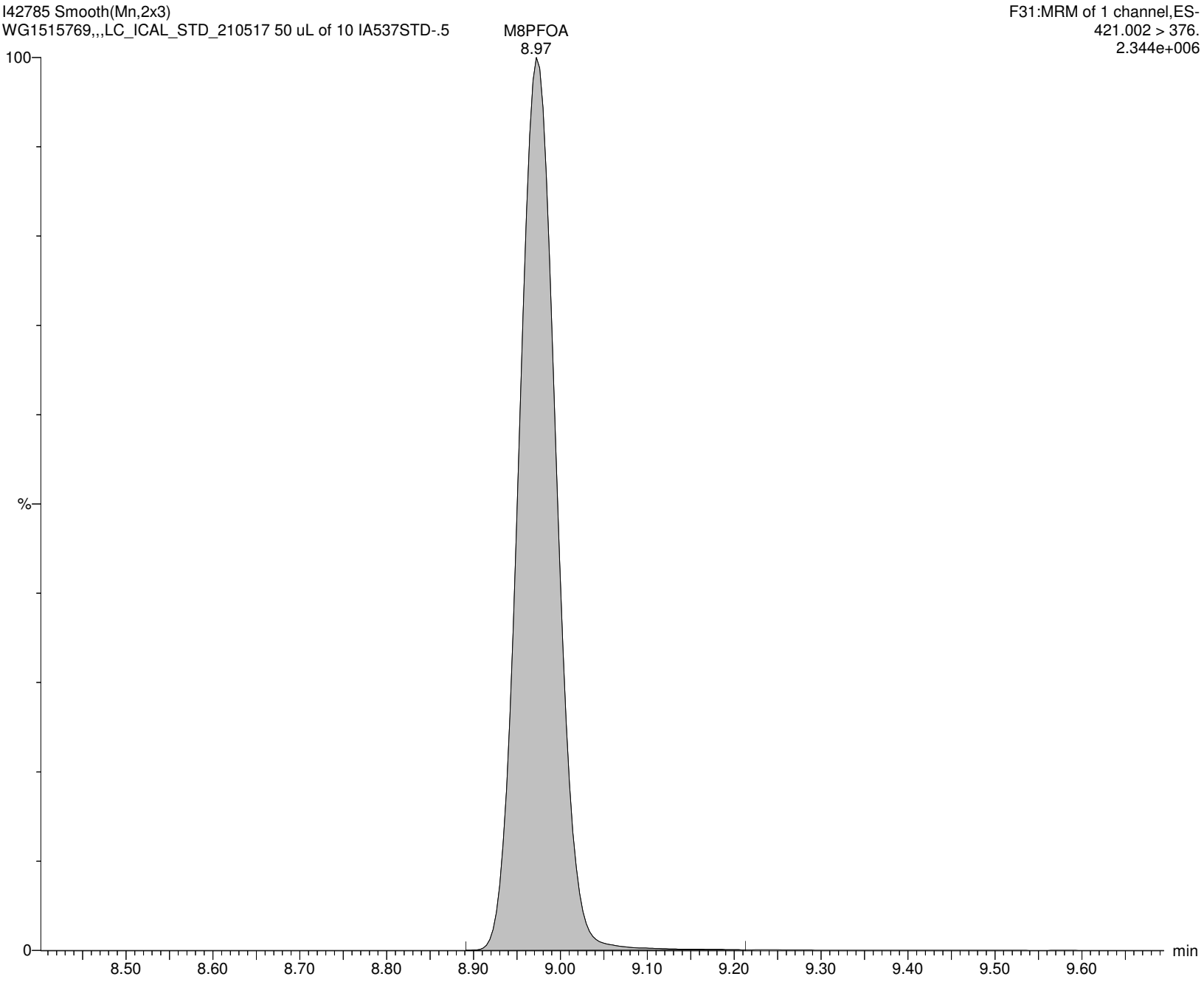


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOA

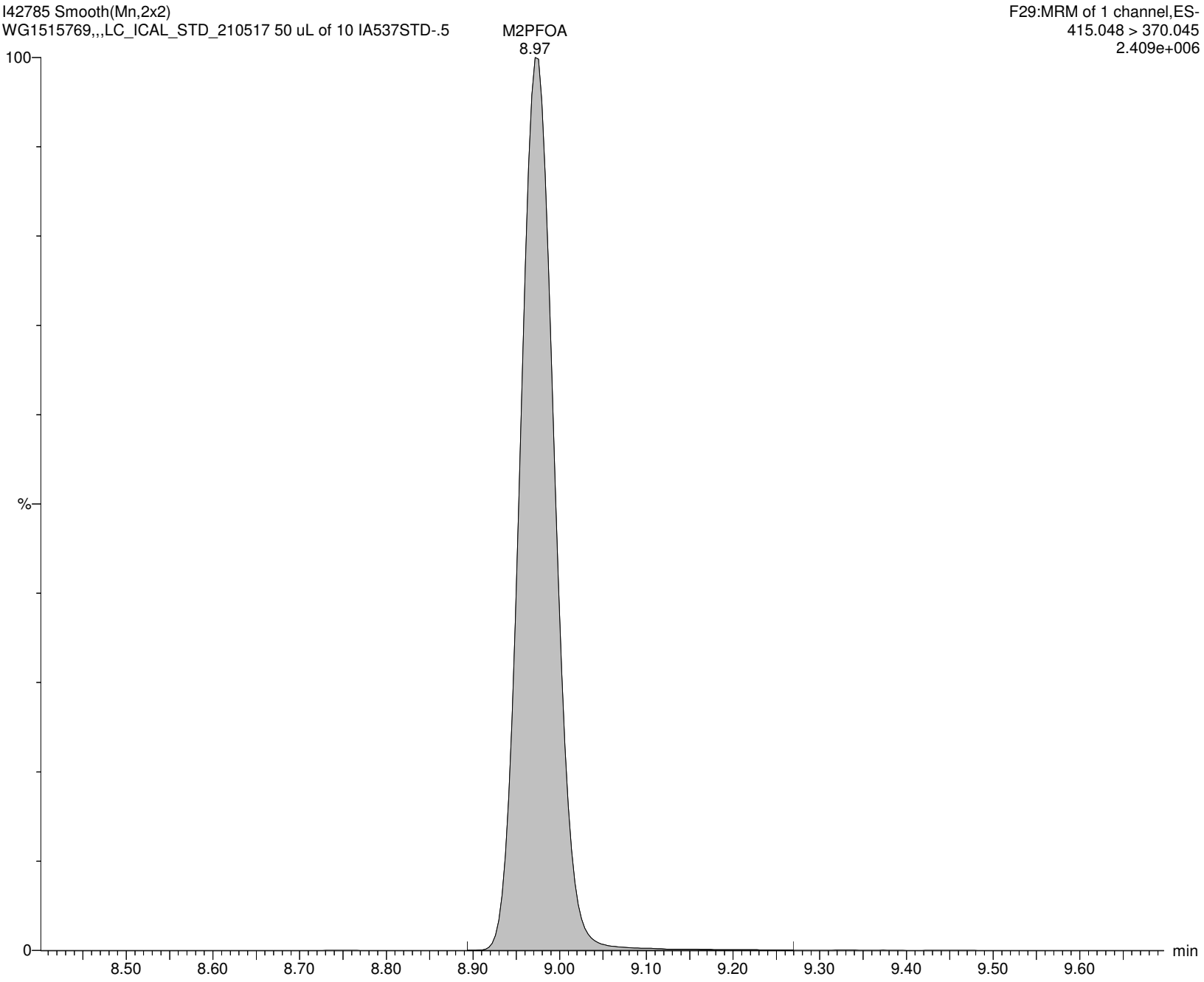


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFOA

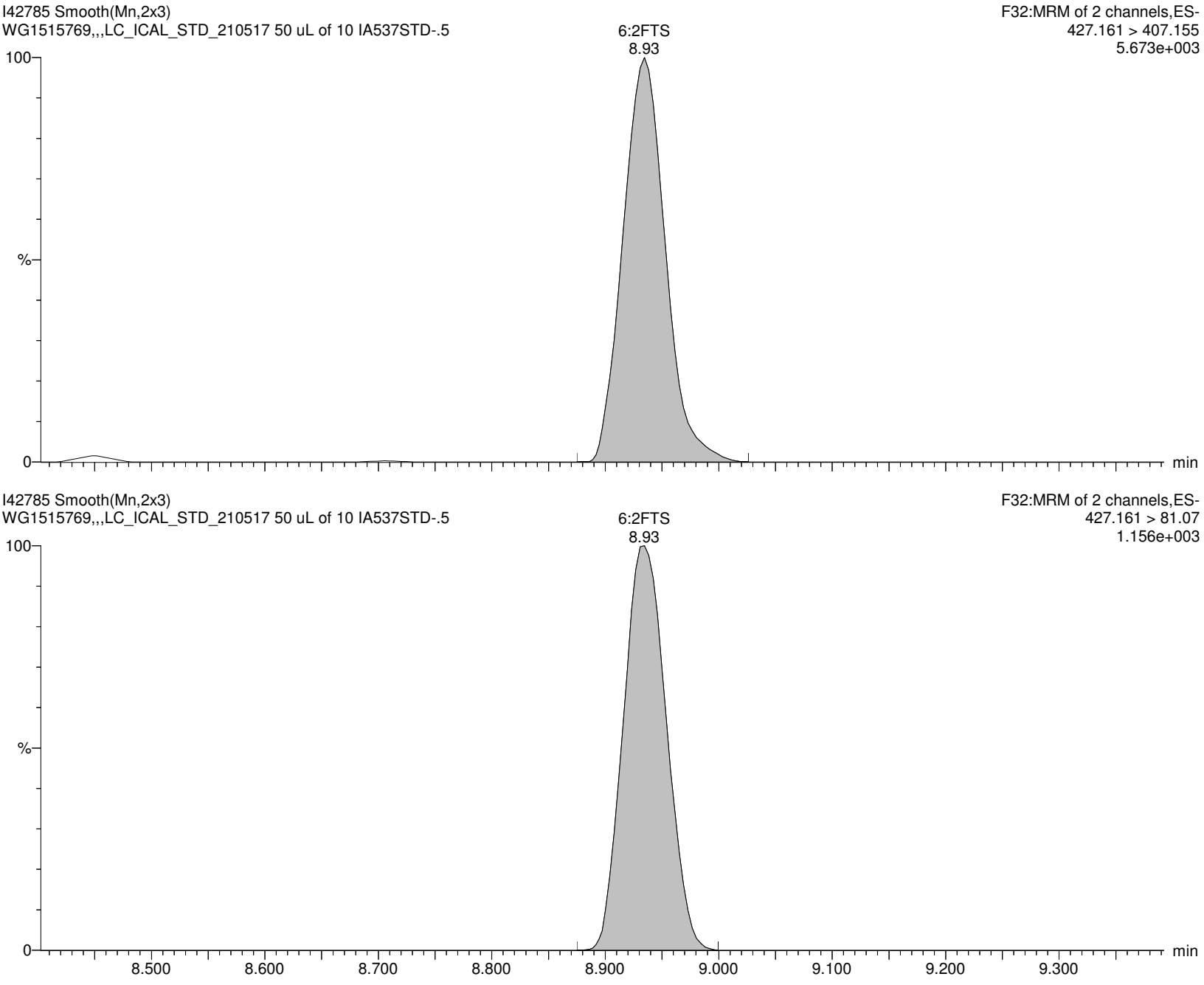


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

6:2FTS

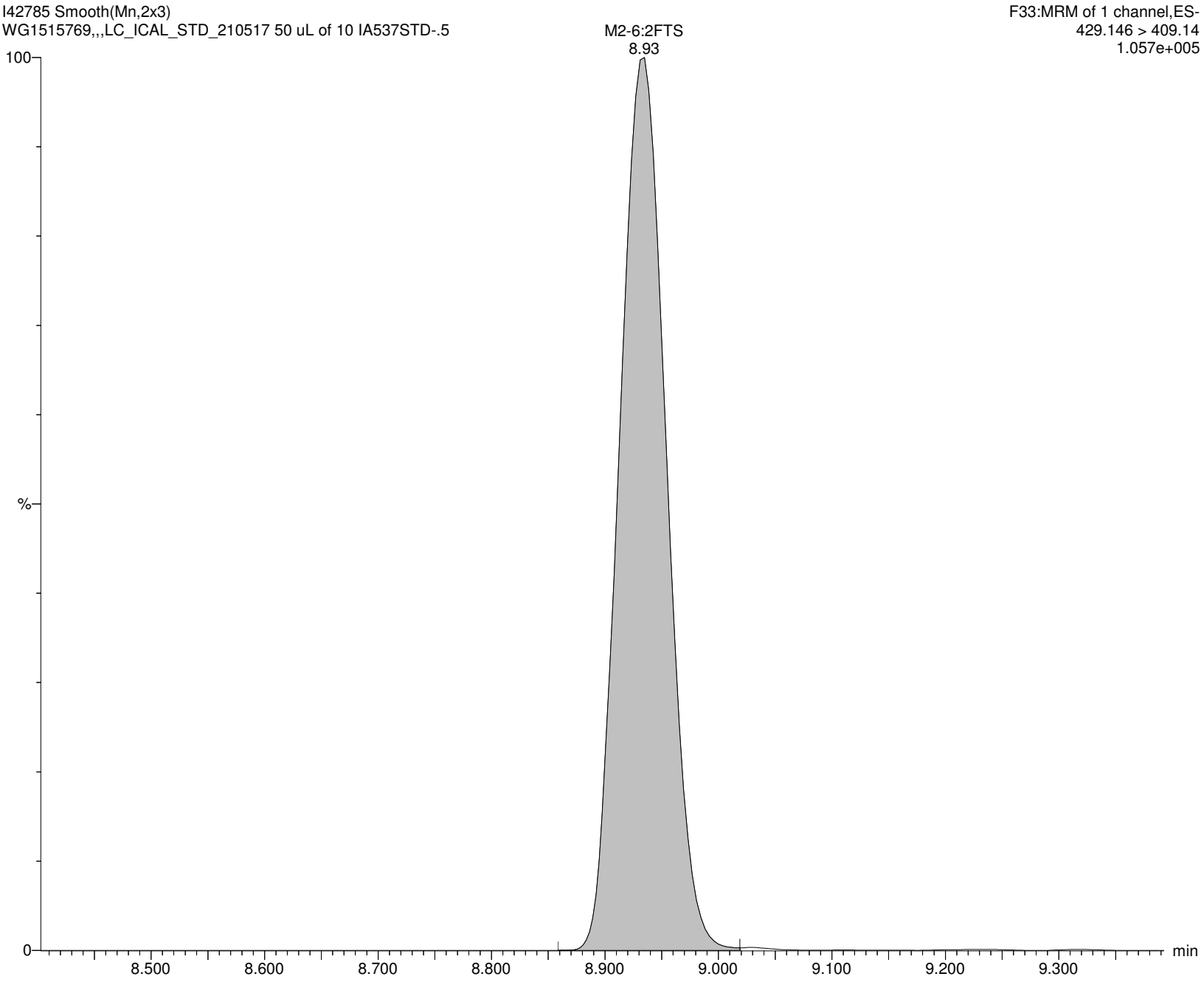


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-6:2FTS

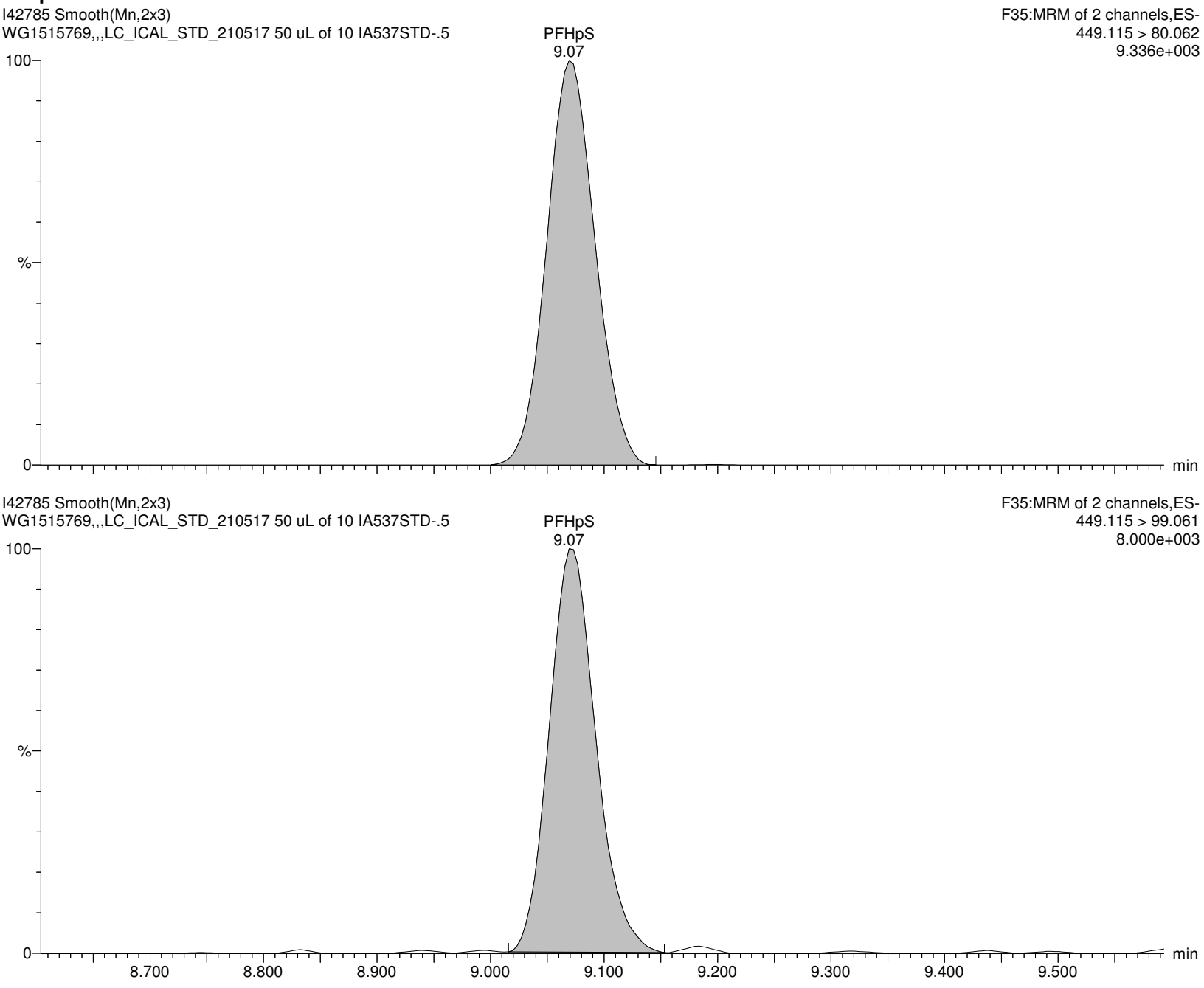


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpS

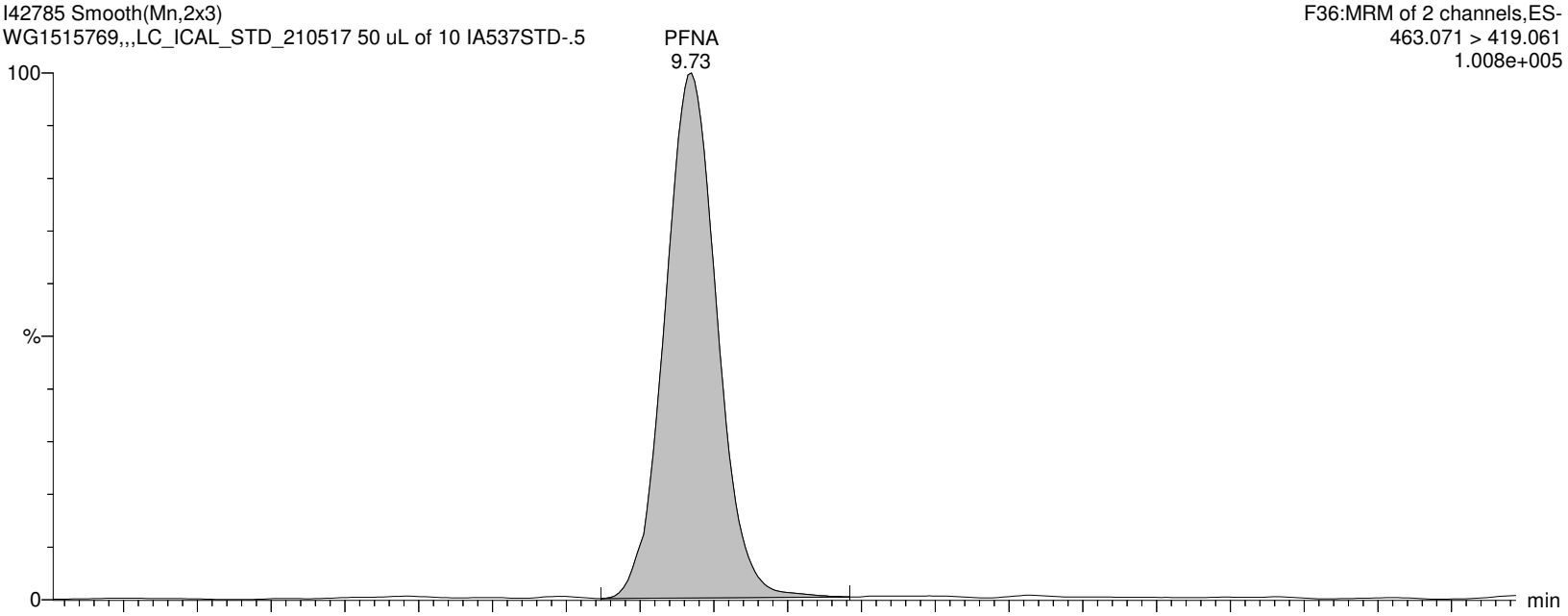


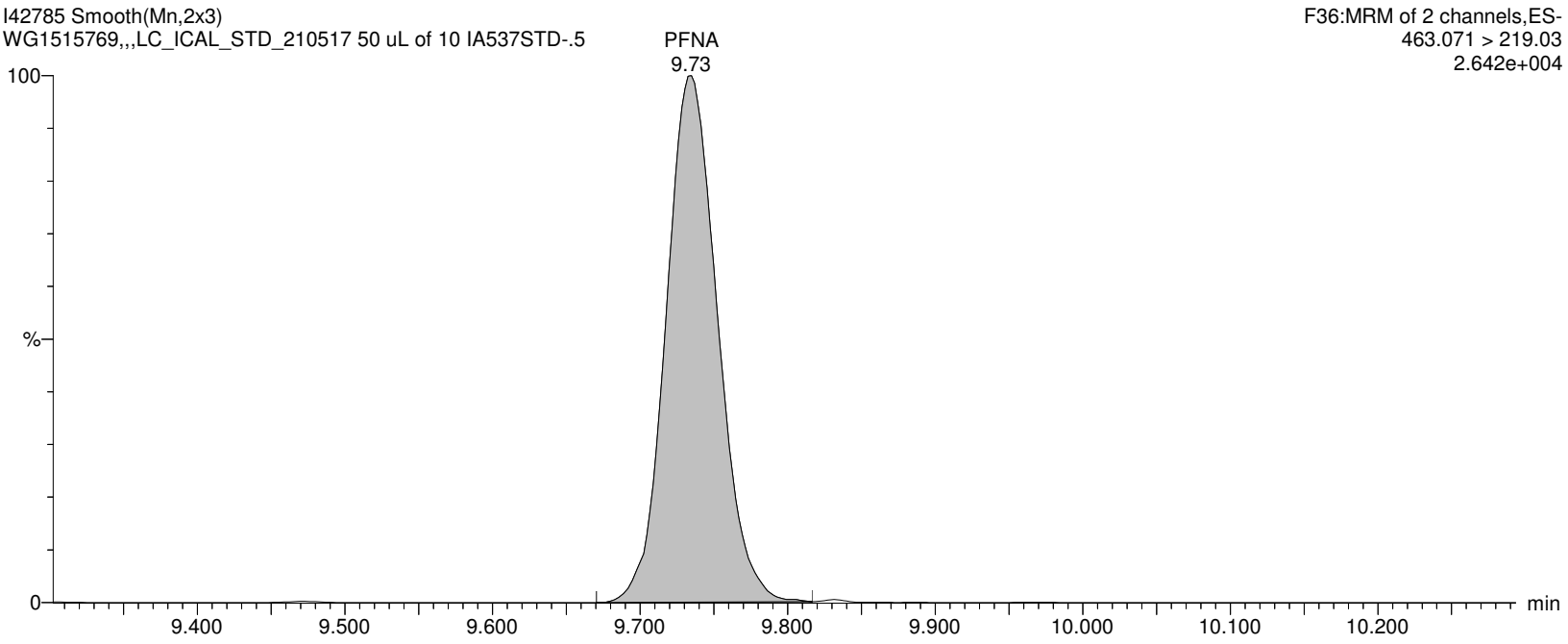
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNA



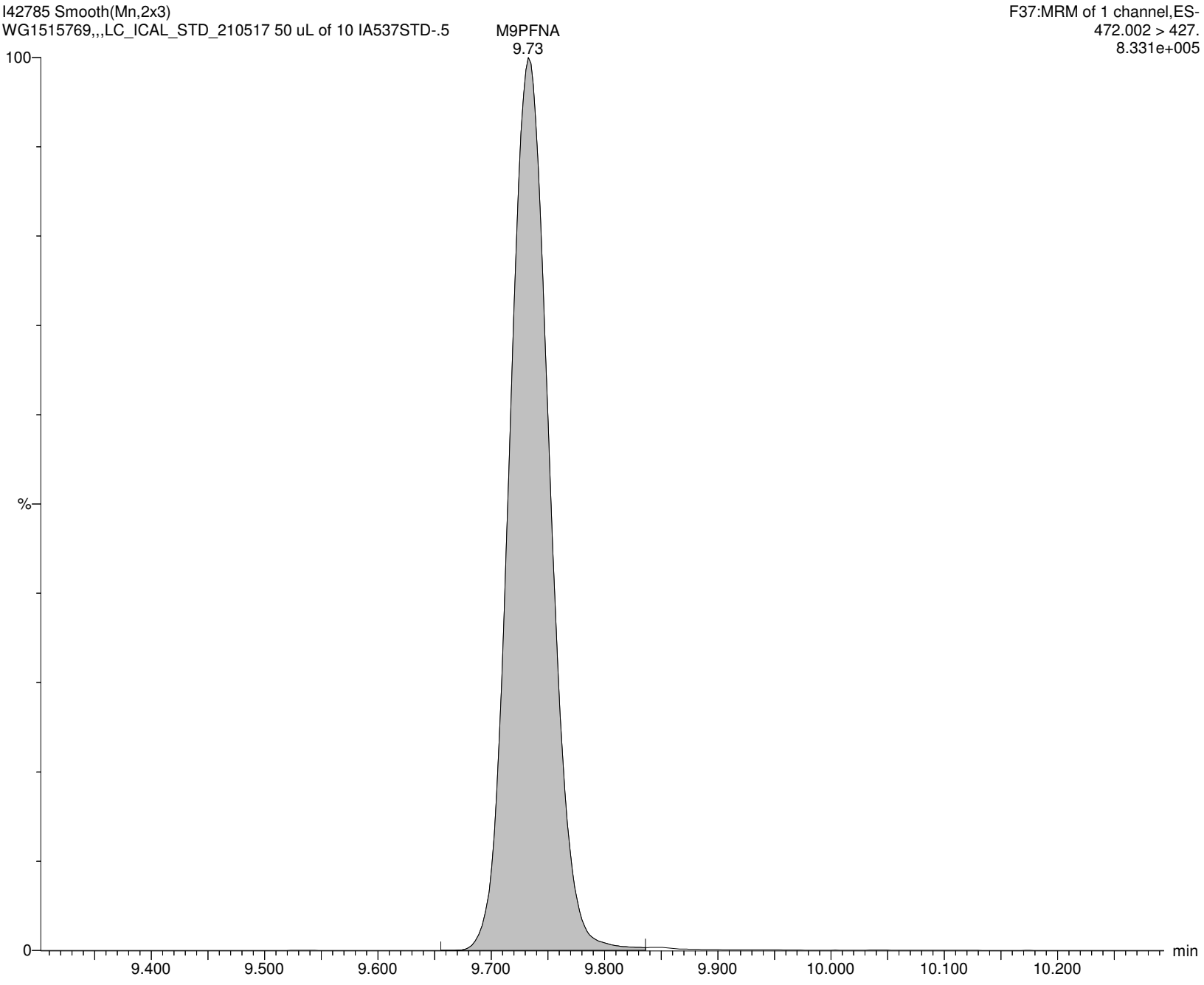


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M9PFNA

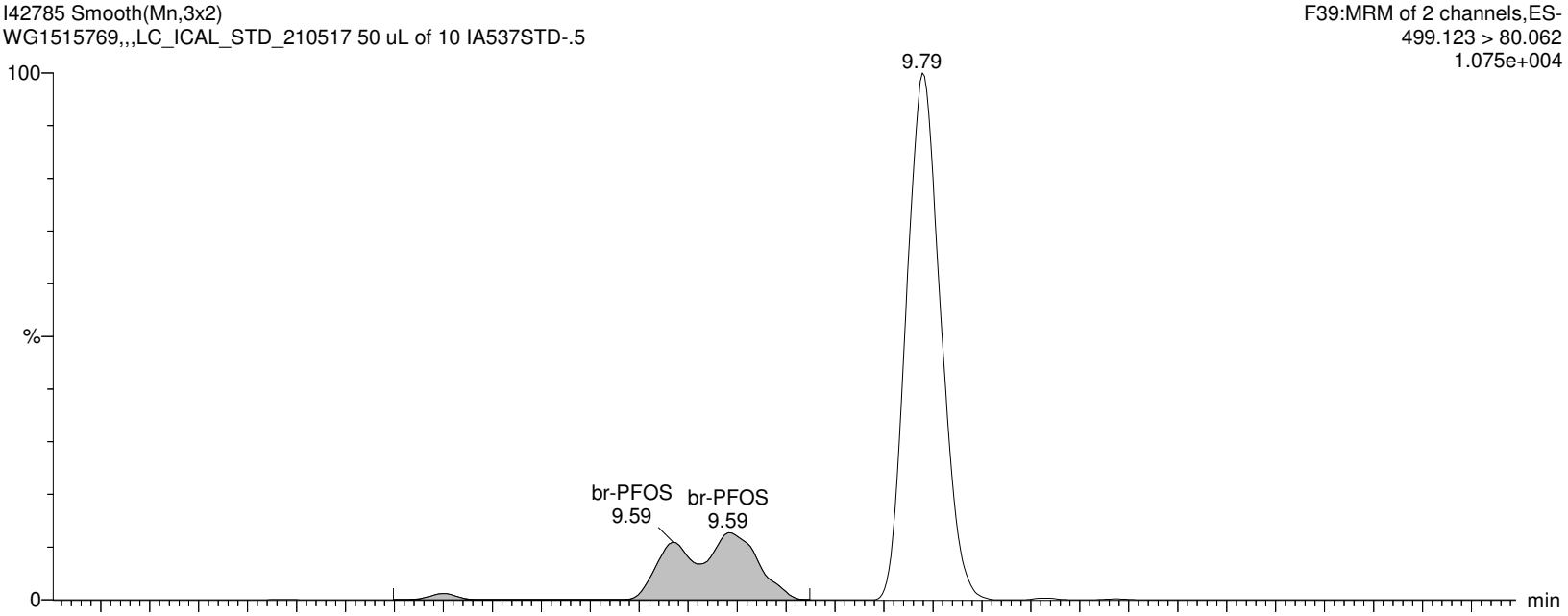


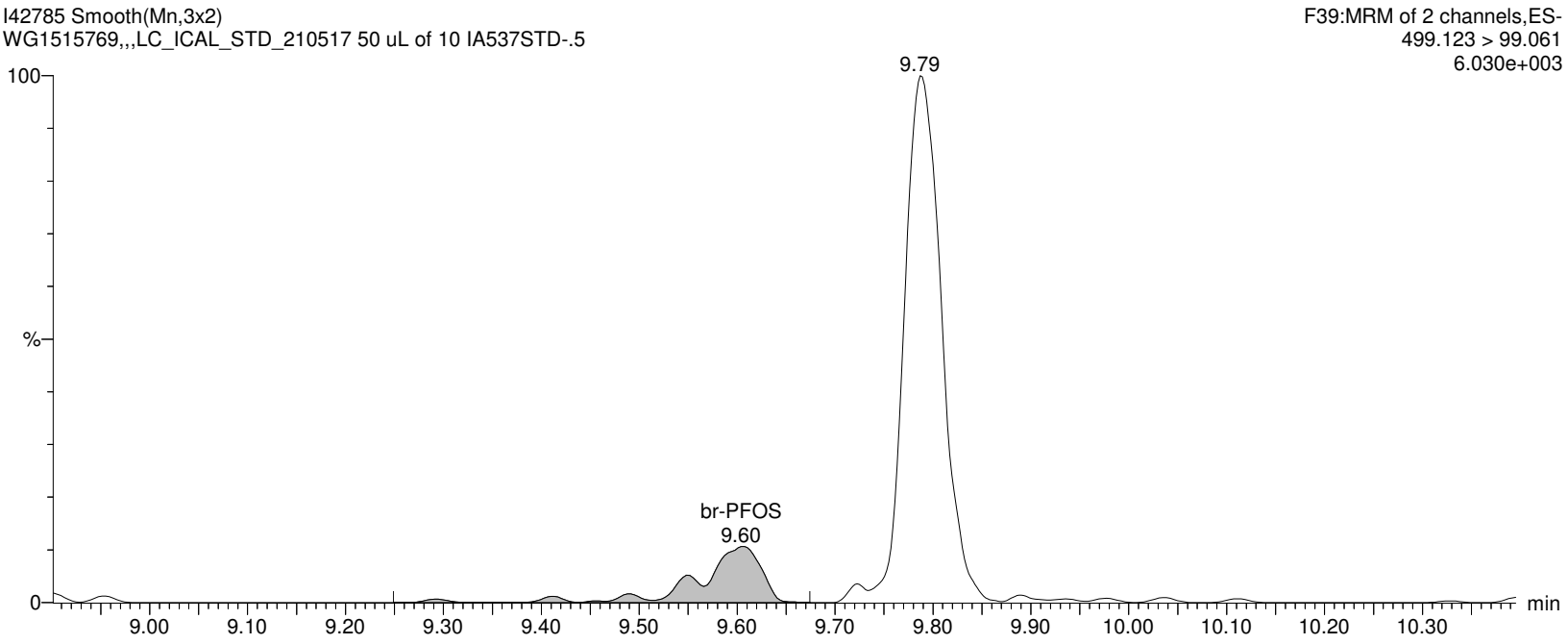
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOS



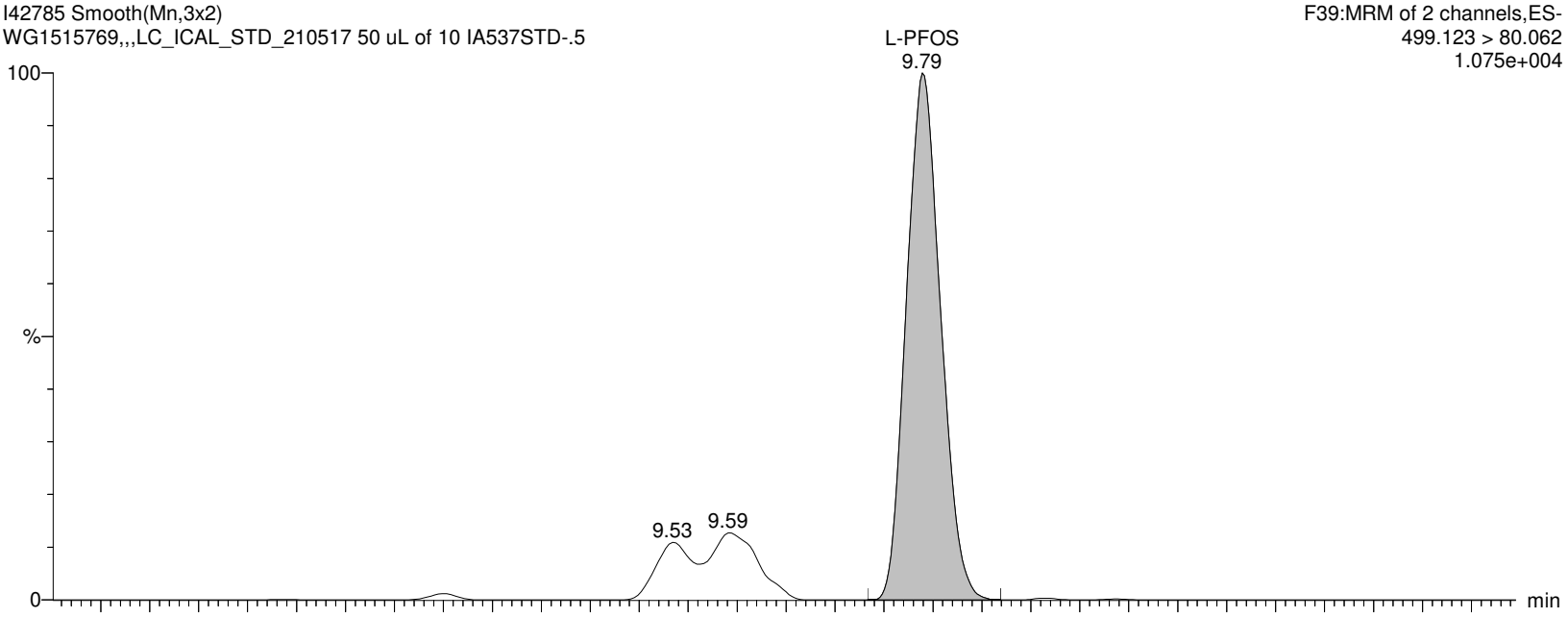


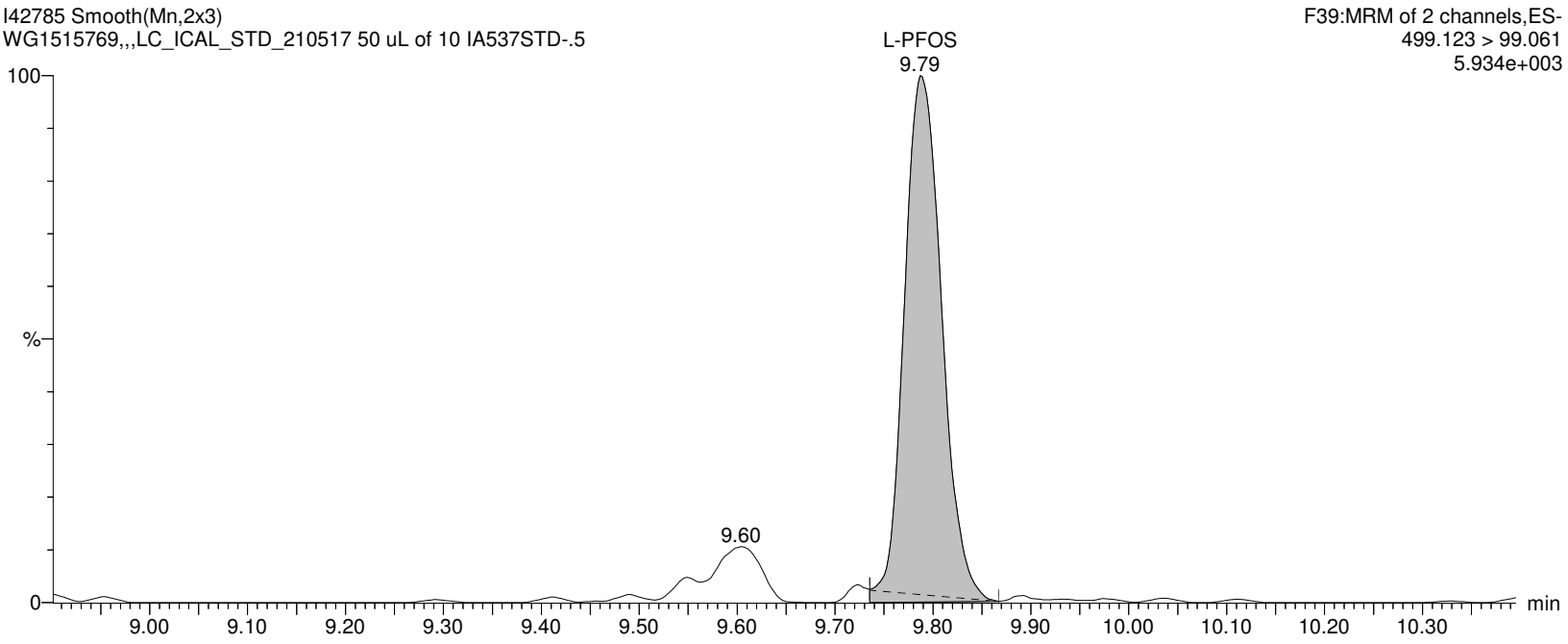
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOS



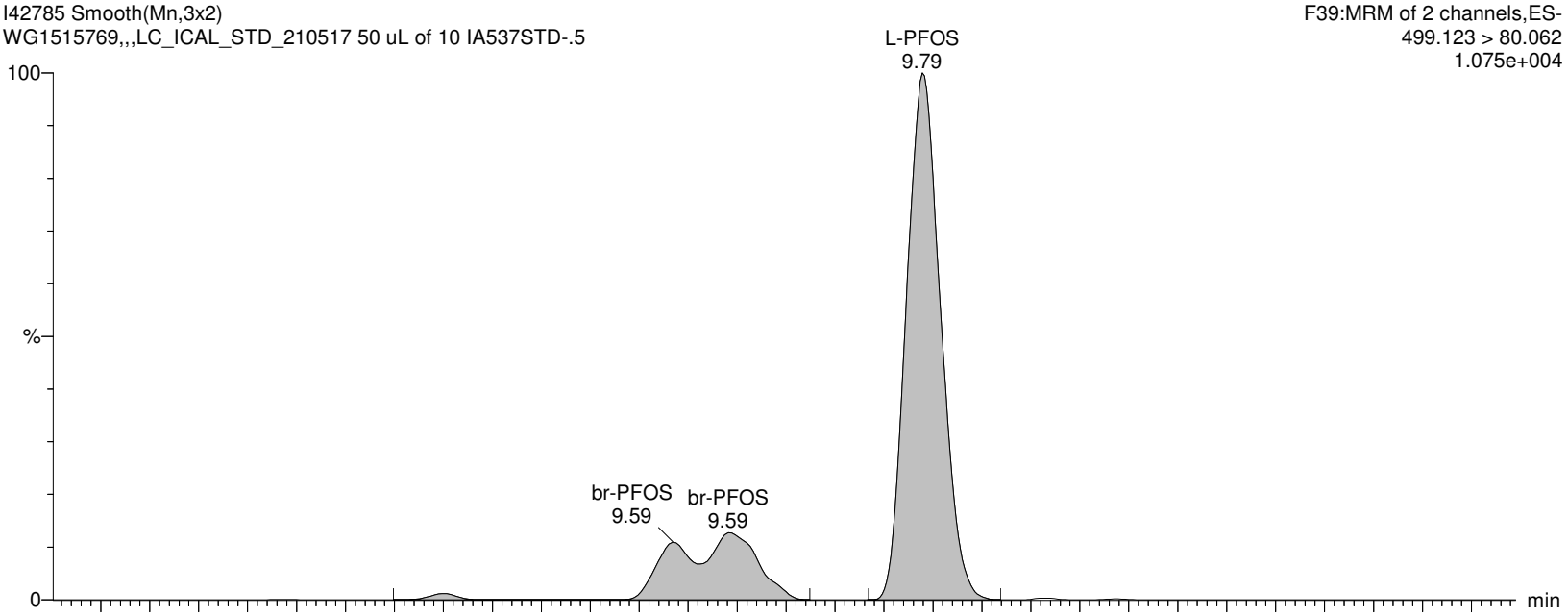


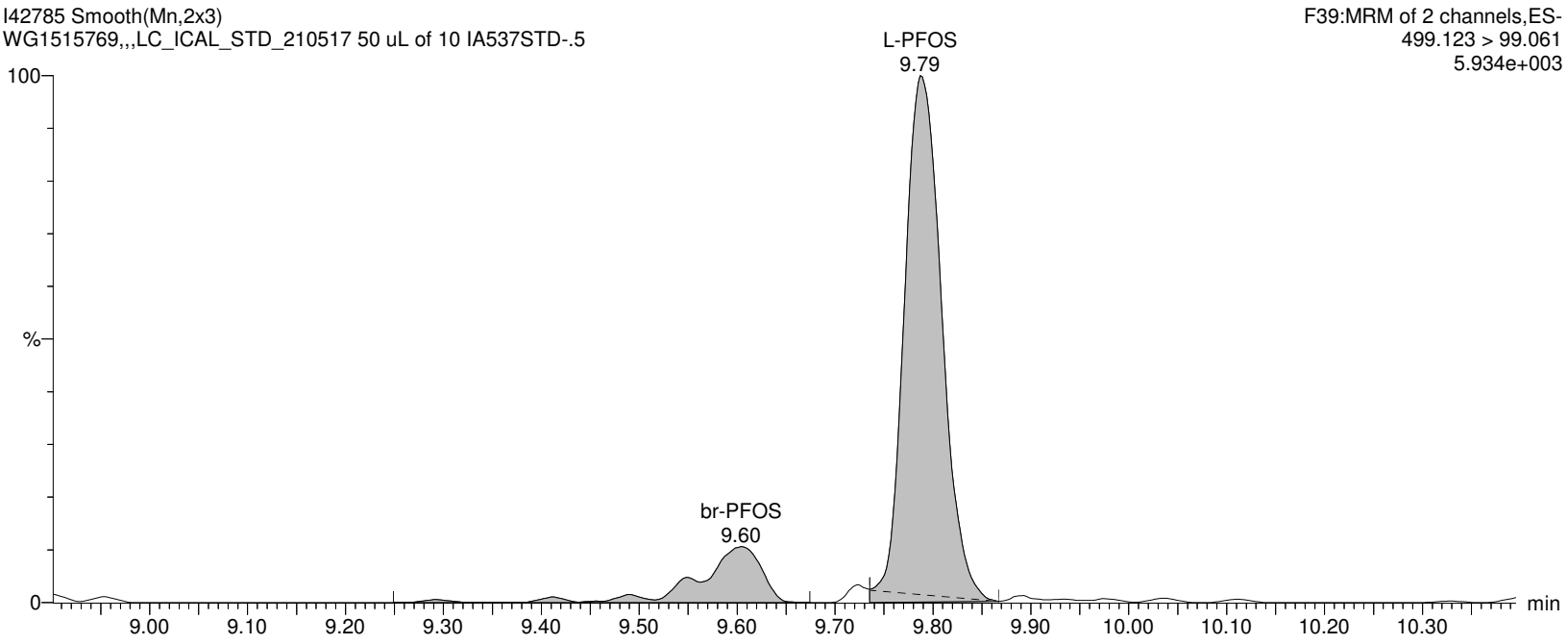
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOS



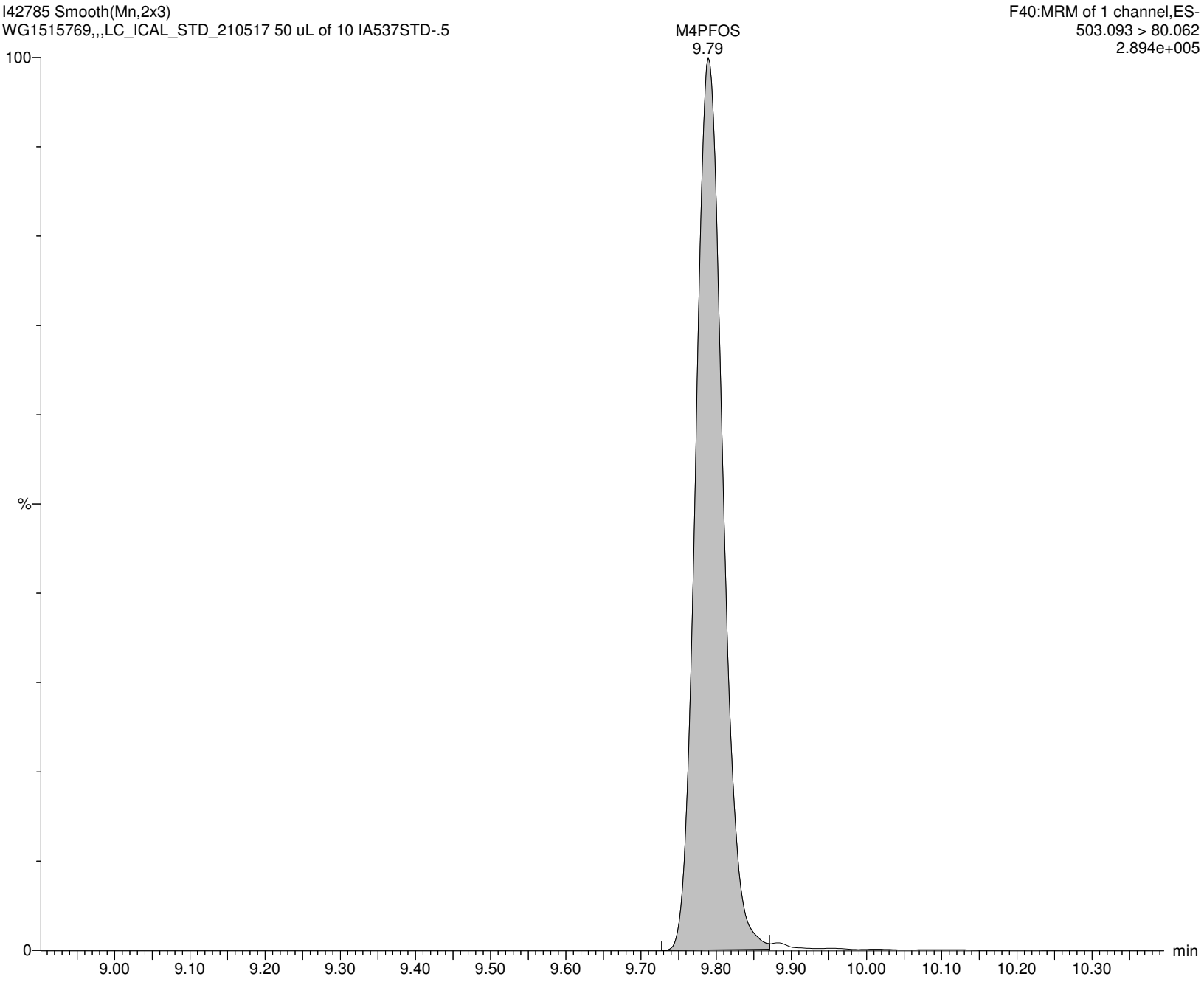


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOS

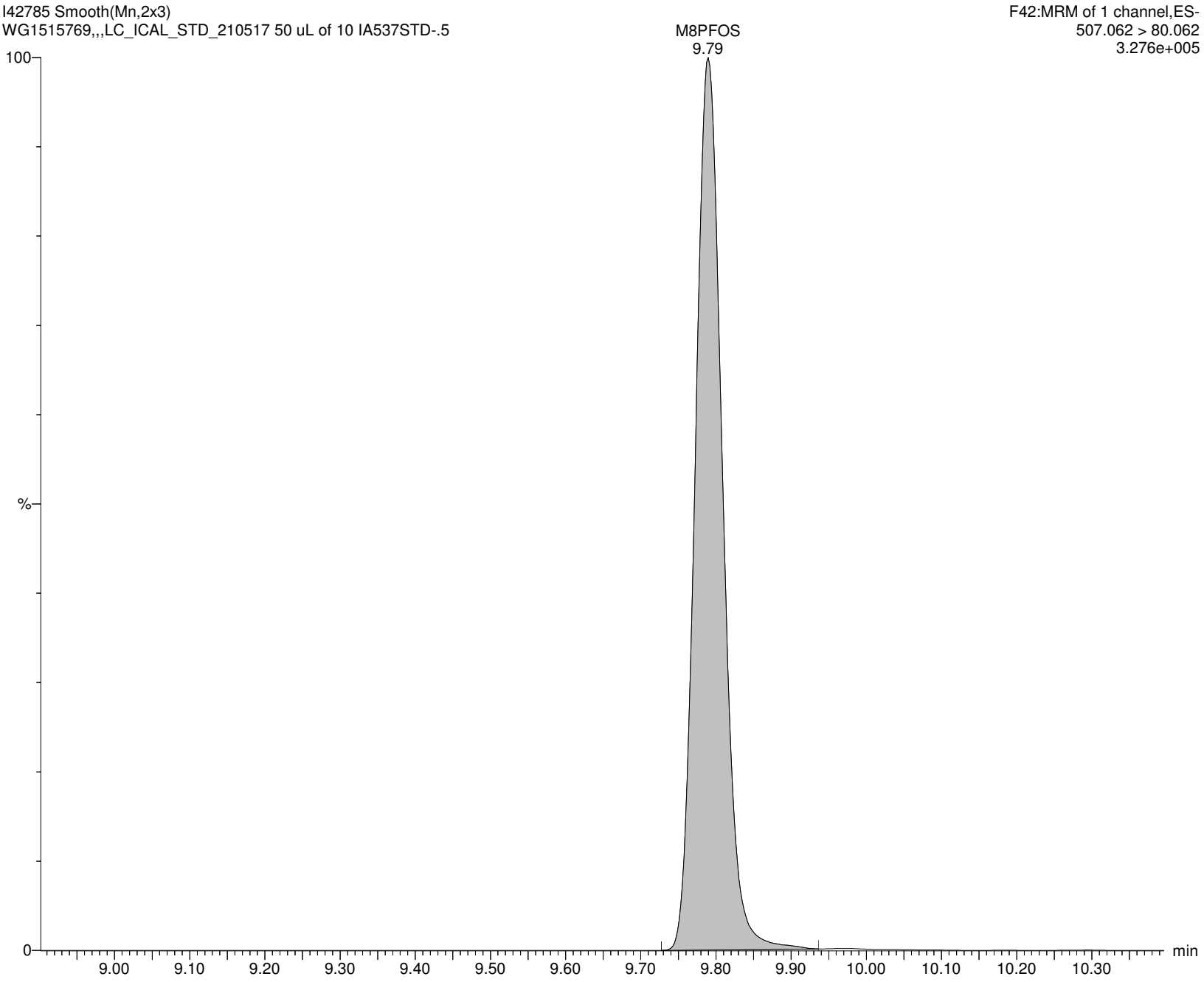


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOS

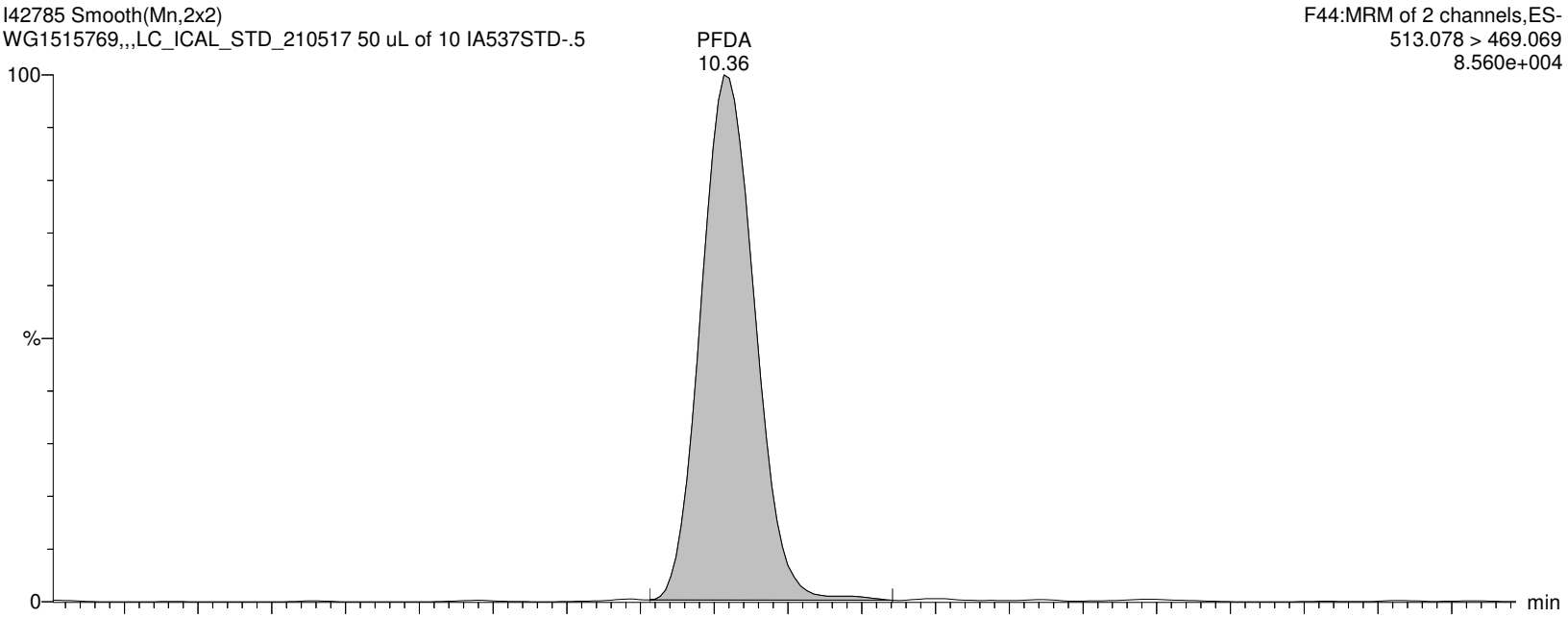


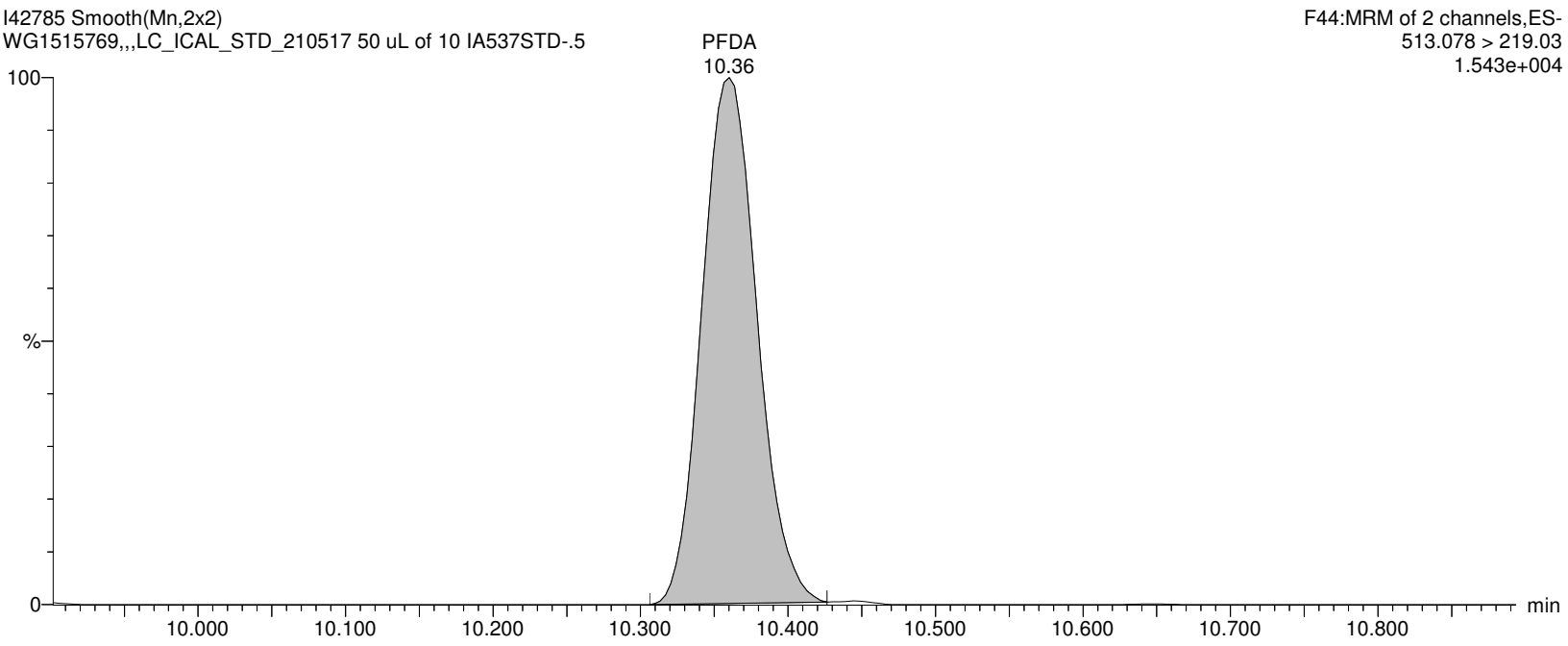
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDA



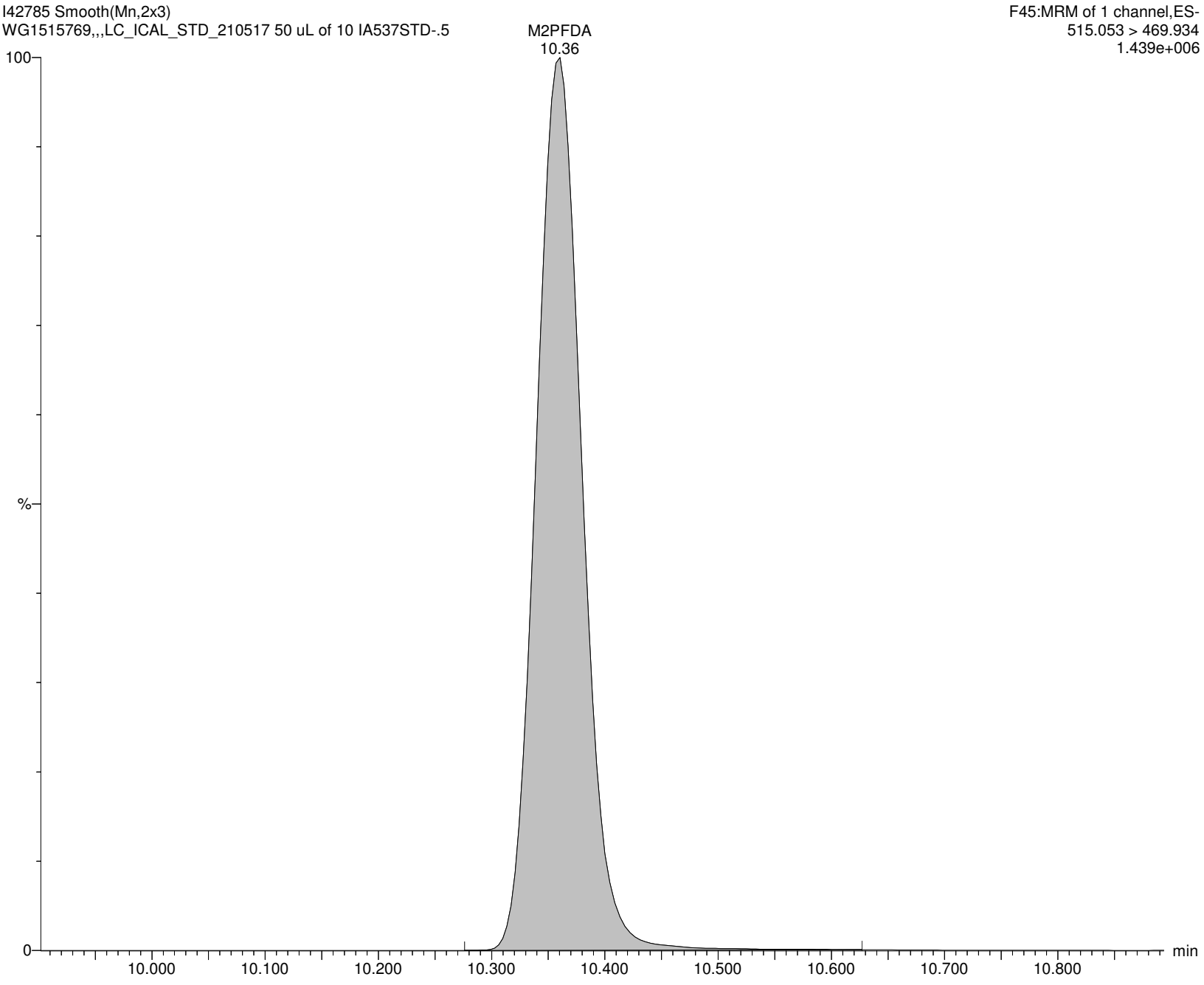


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFDA

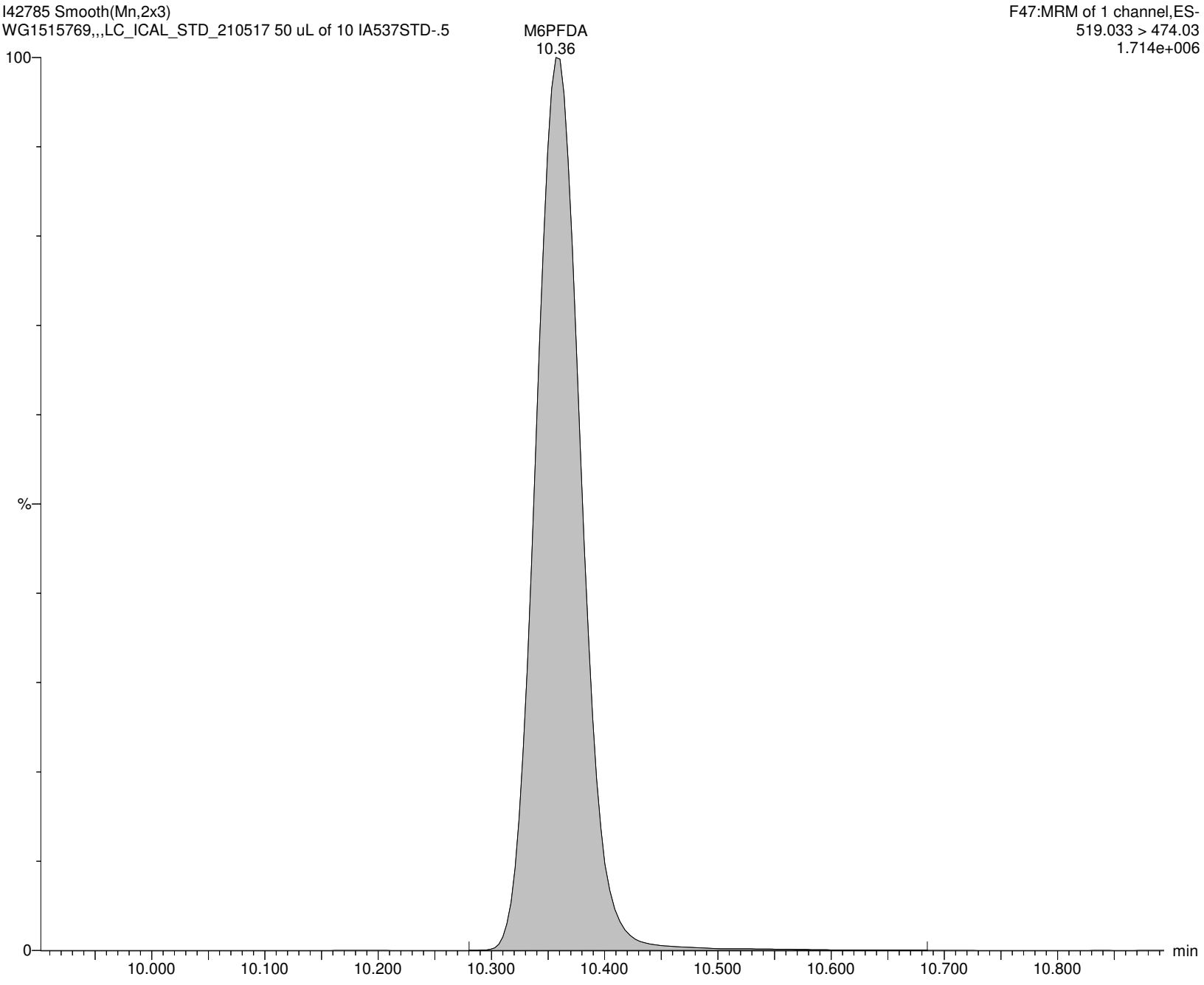


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M6PFDA

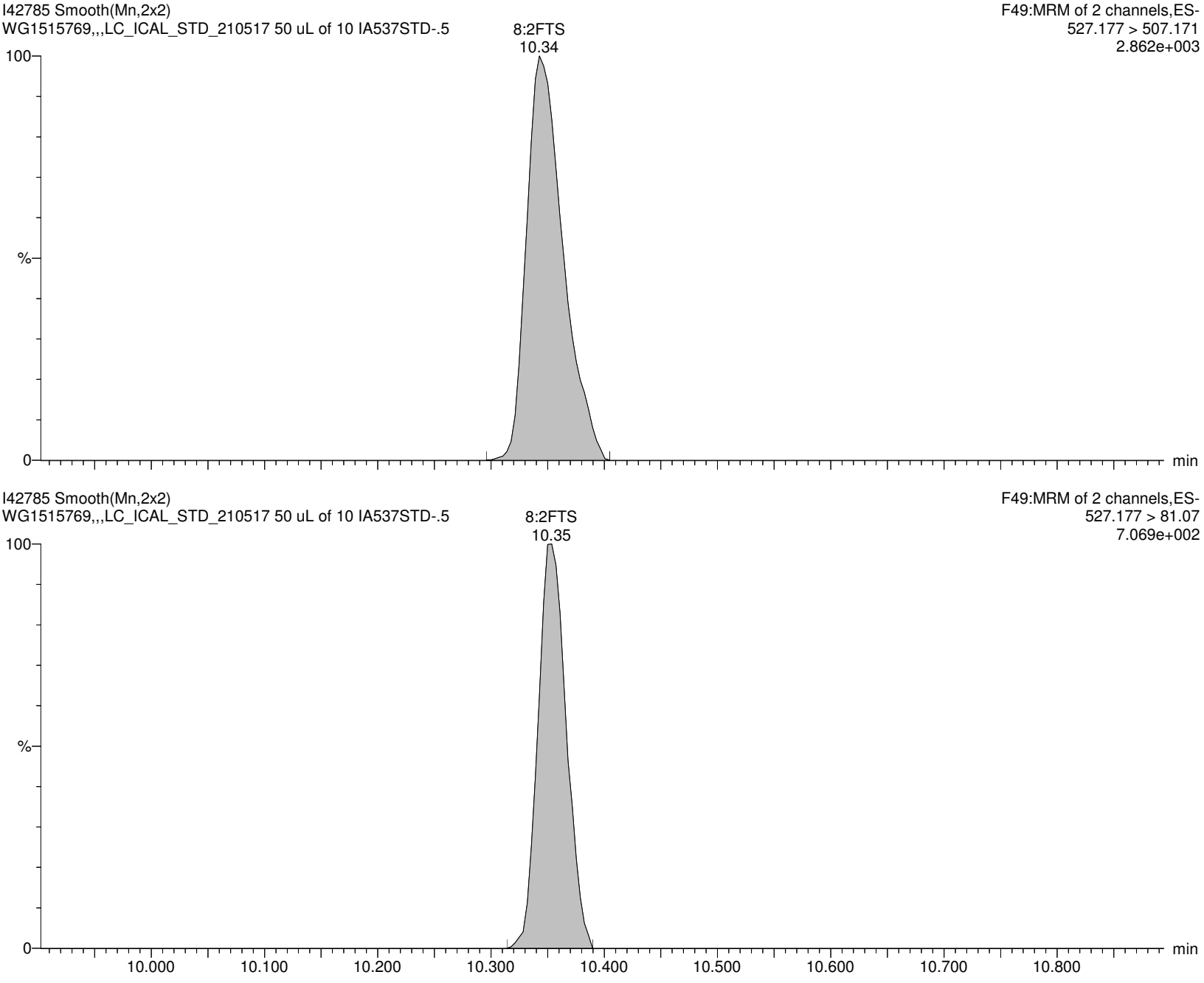


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

8:2FTS

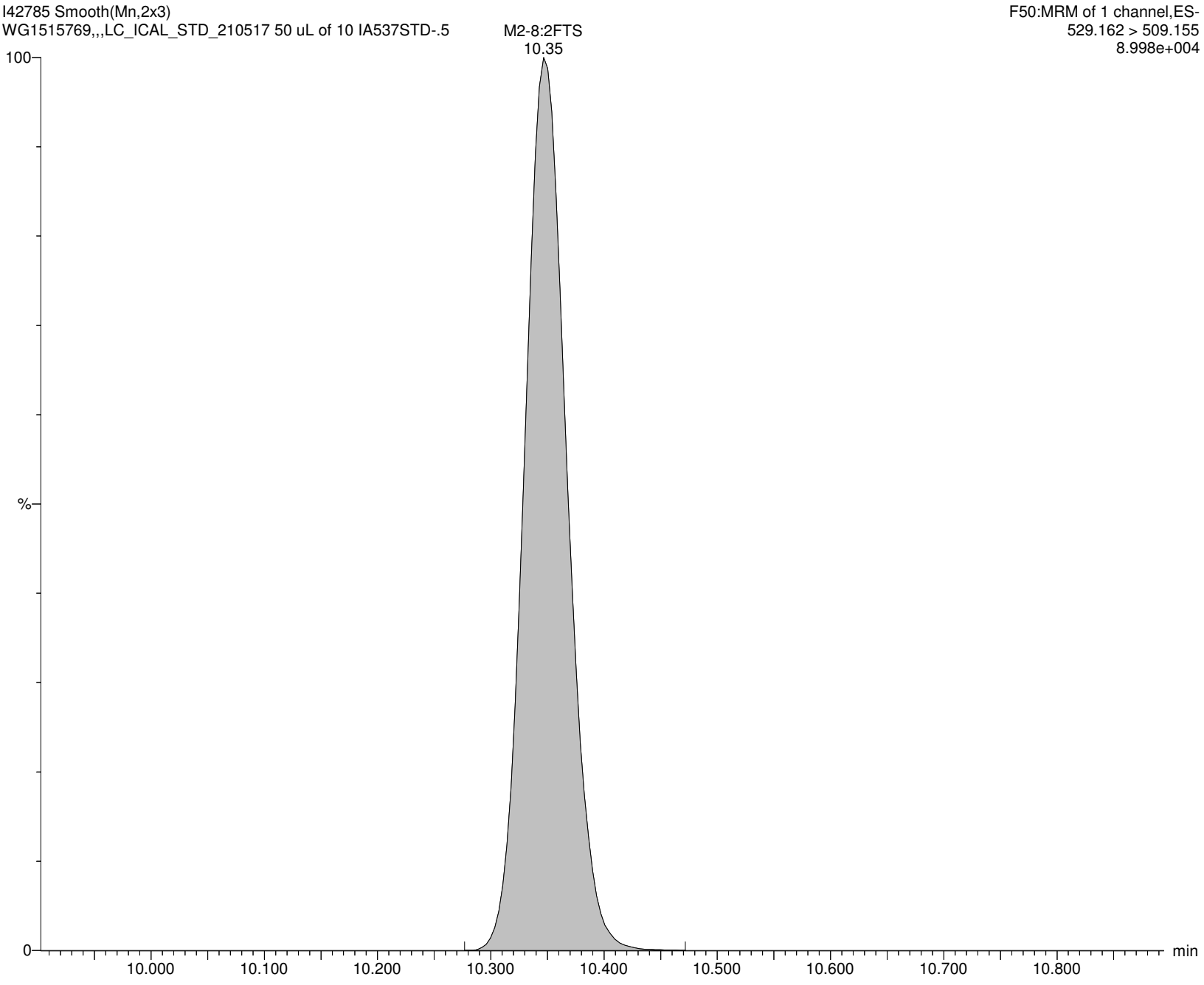


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-8:2FTS

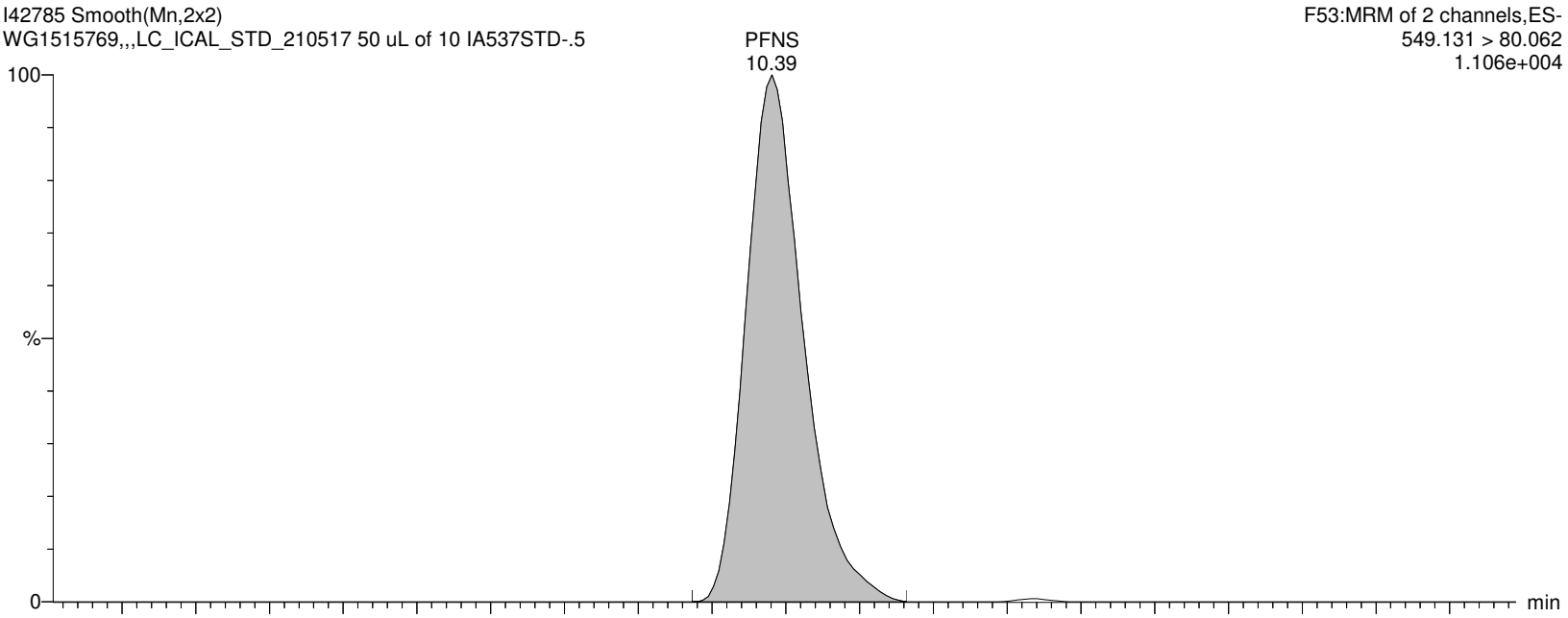


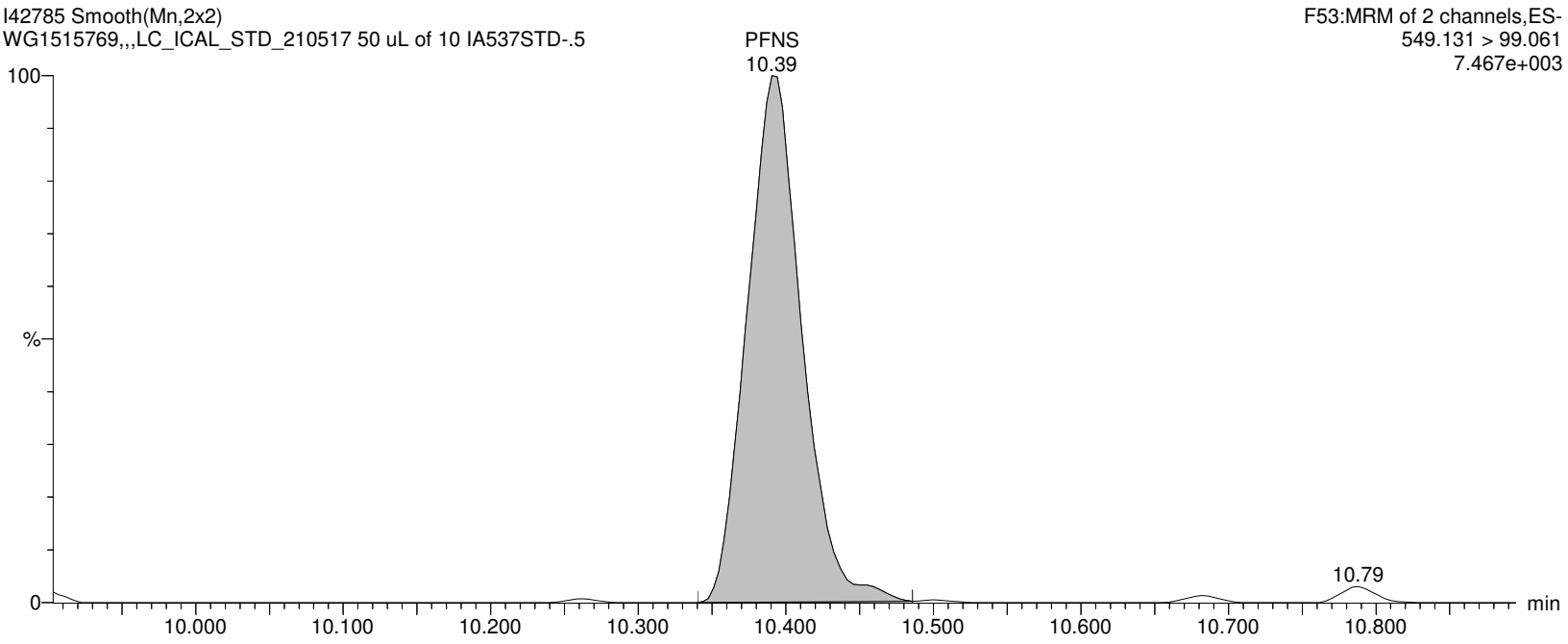
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNS



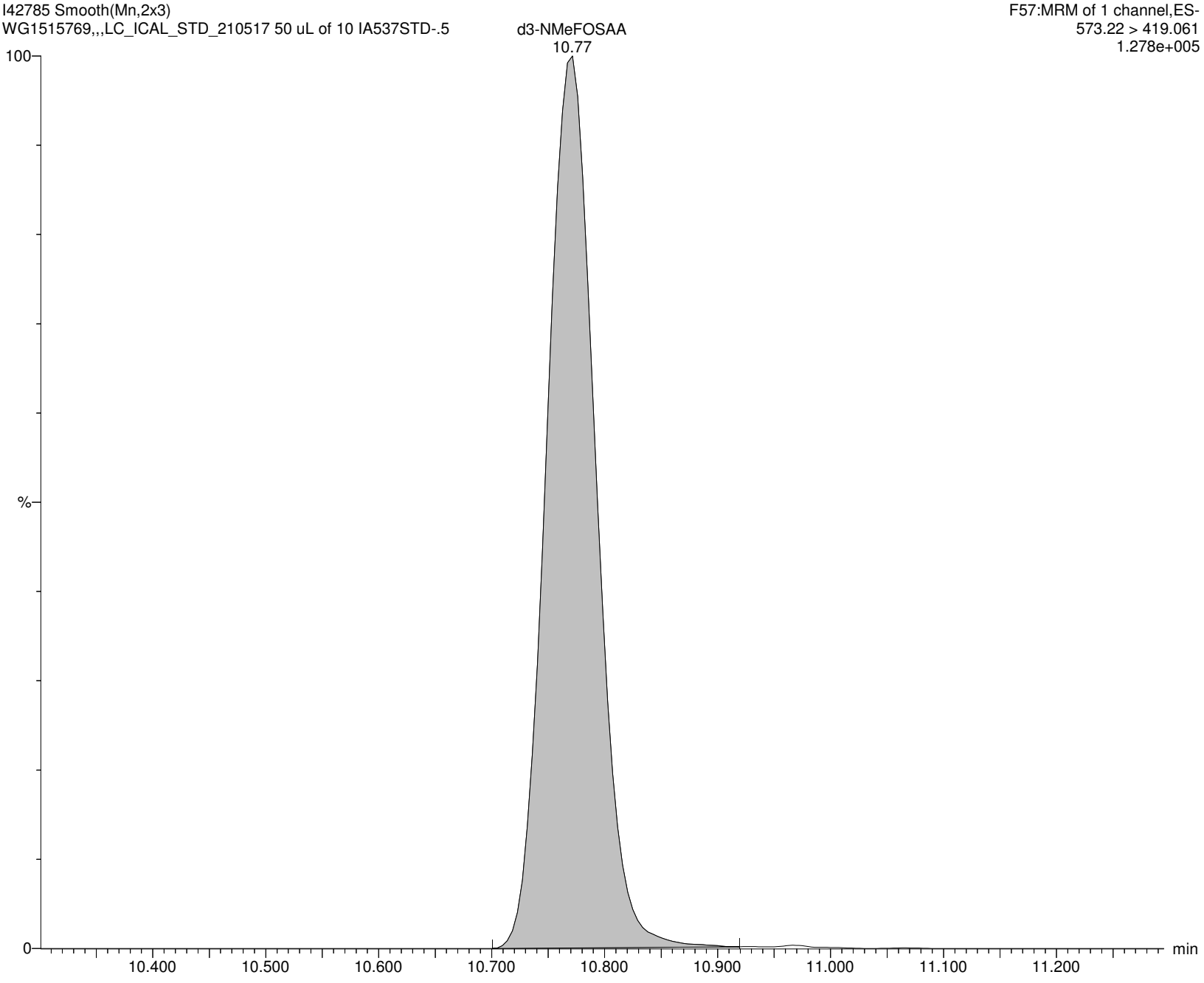


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSAA

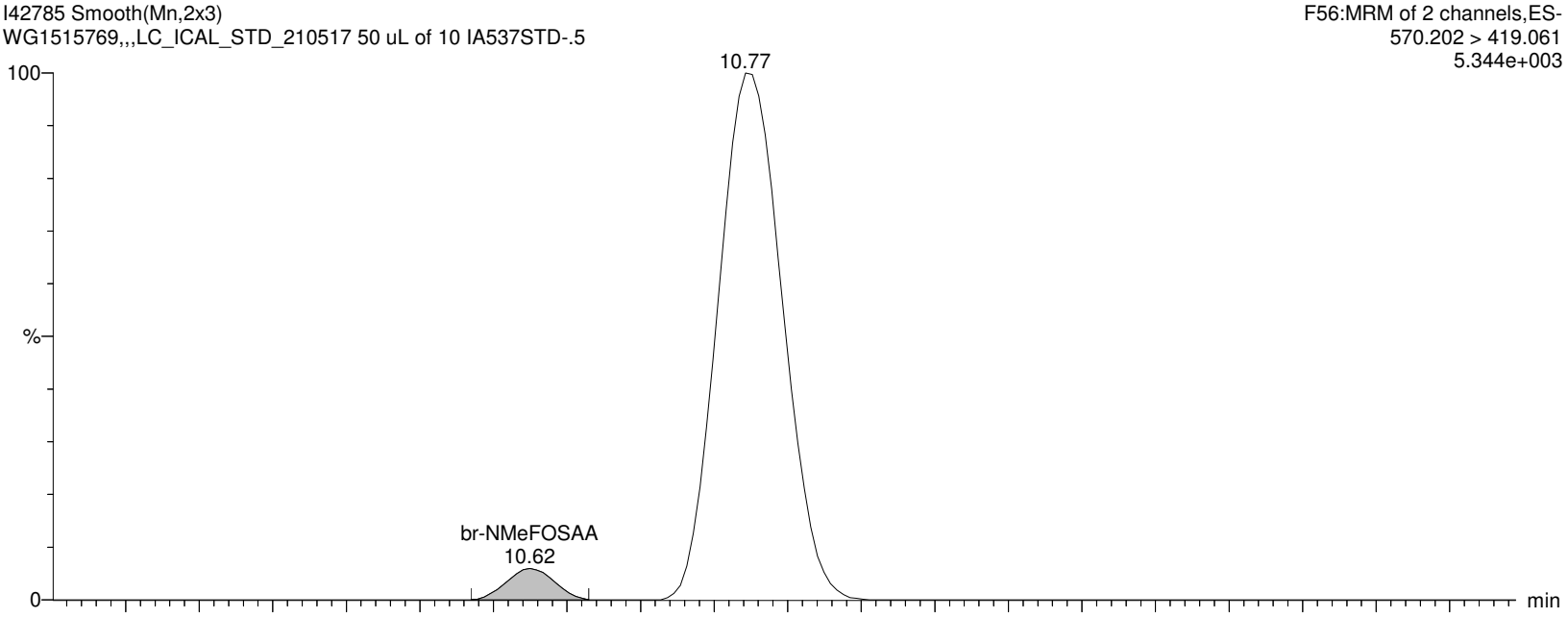


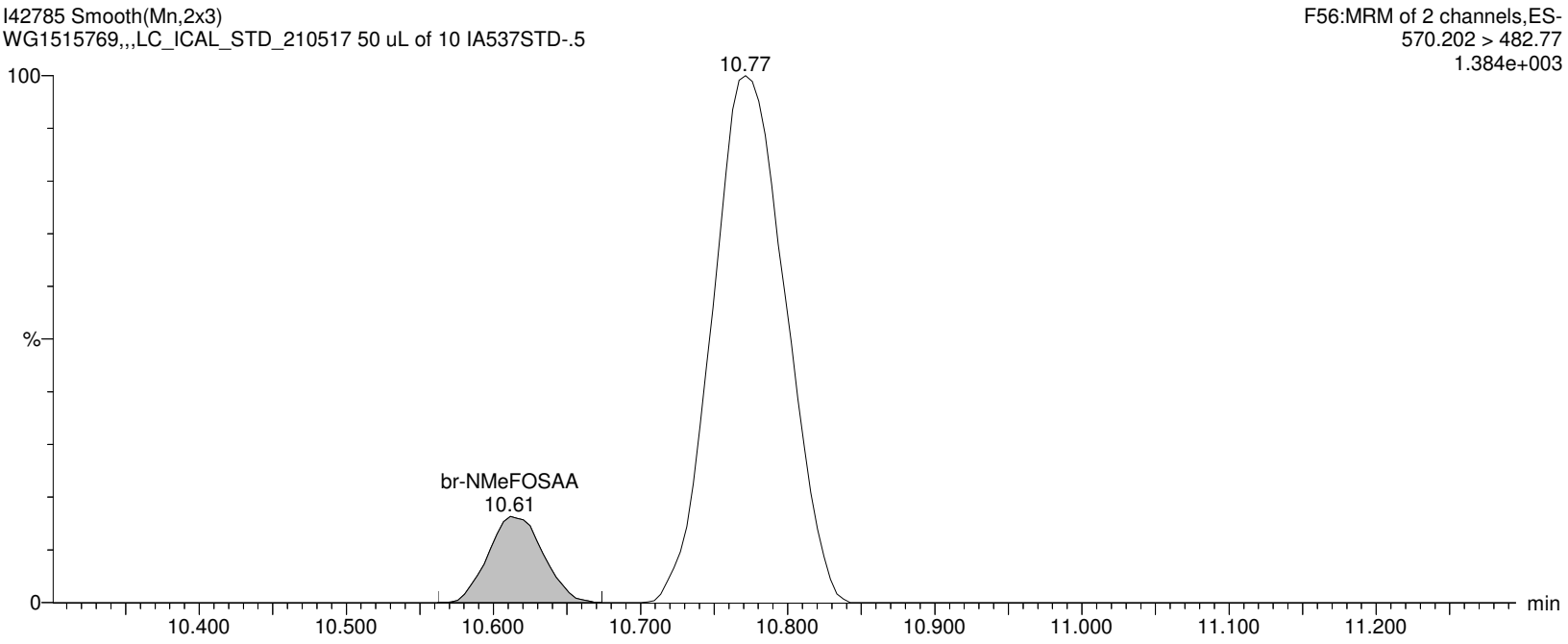
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NMeFOSAA



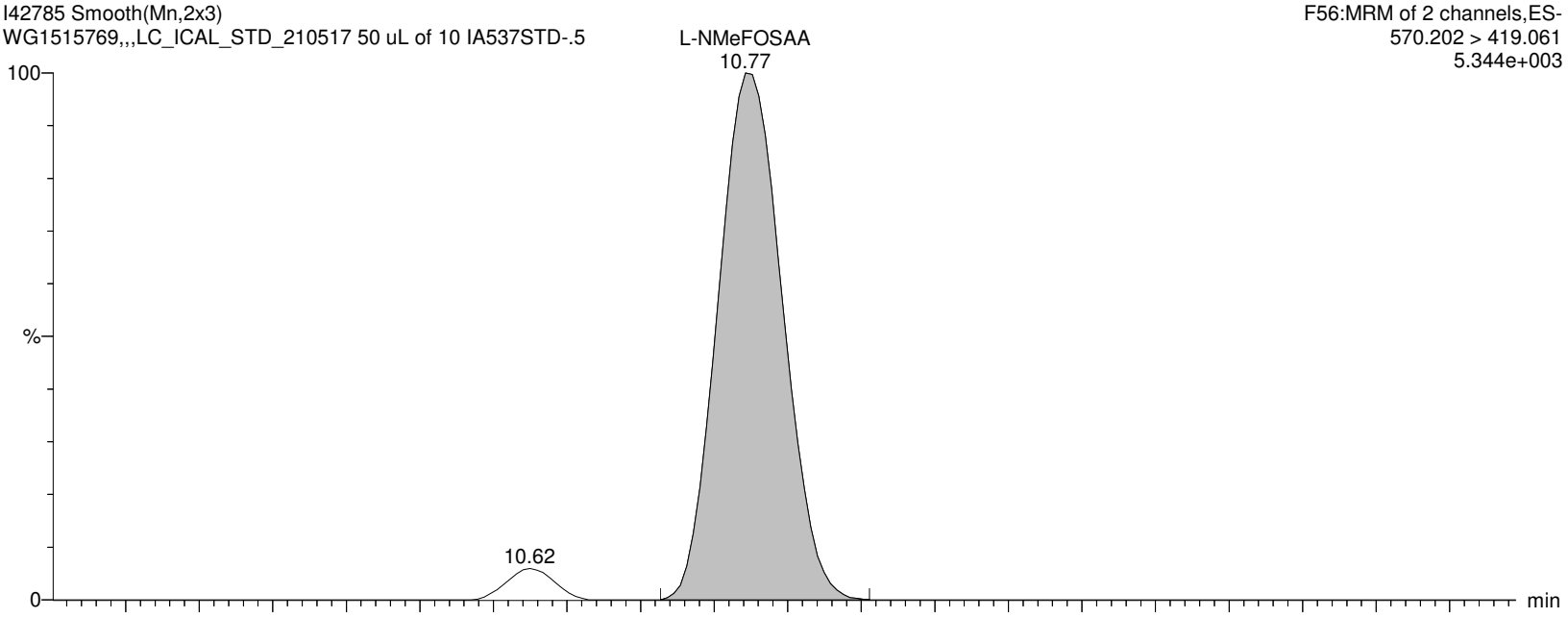


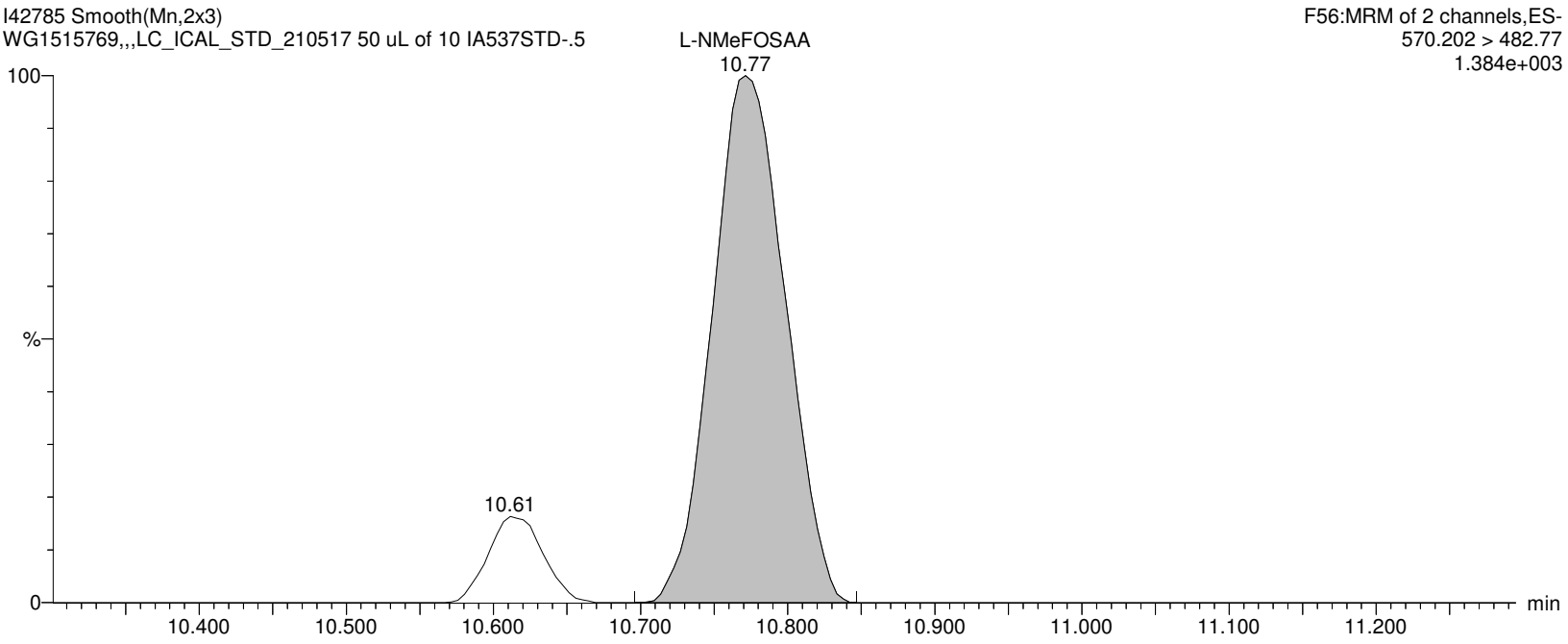
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NMeFOSAA



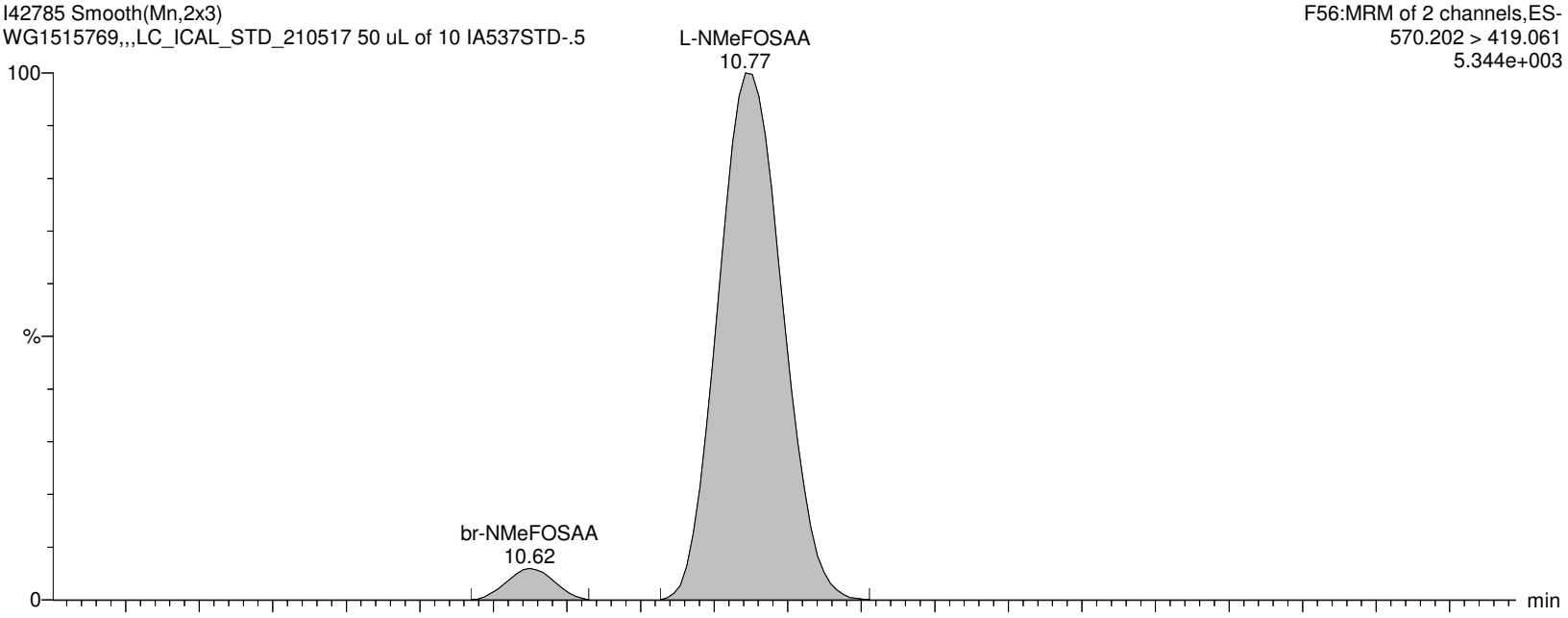


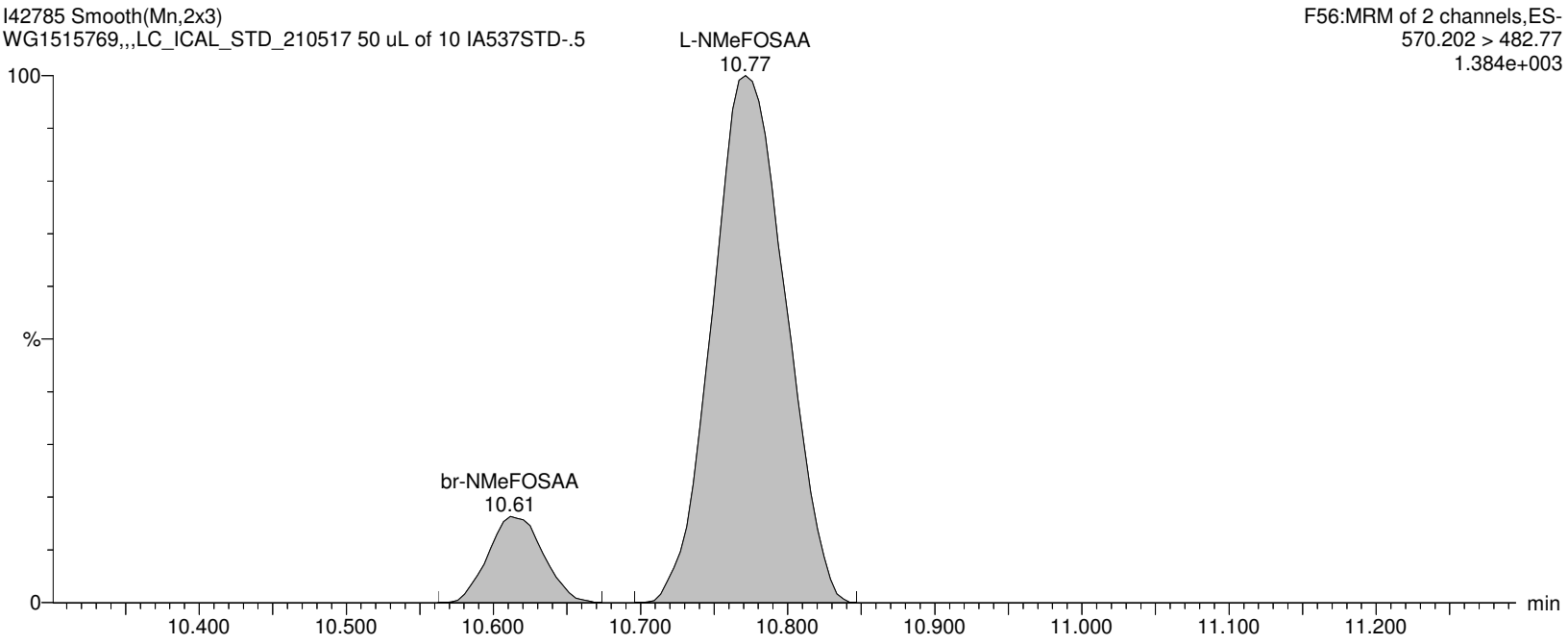
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSAA



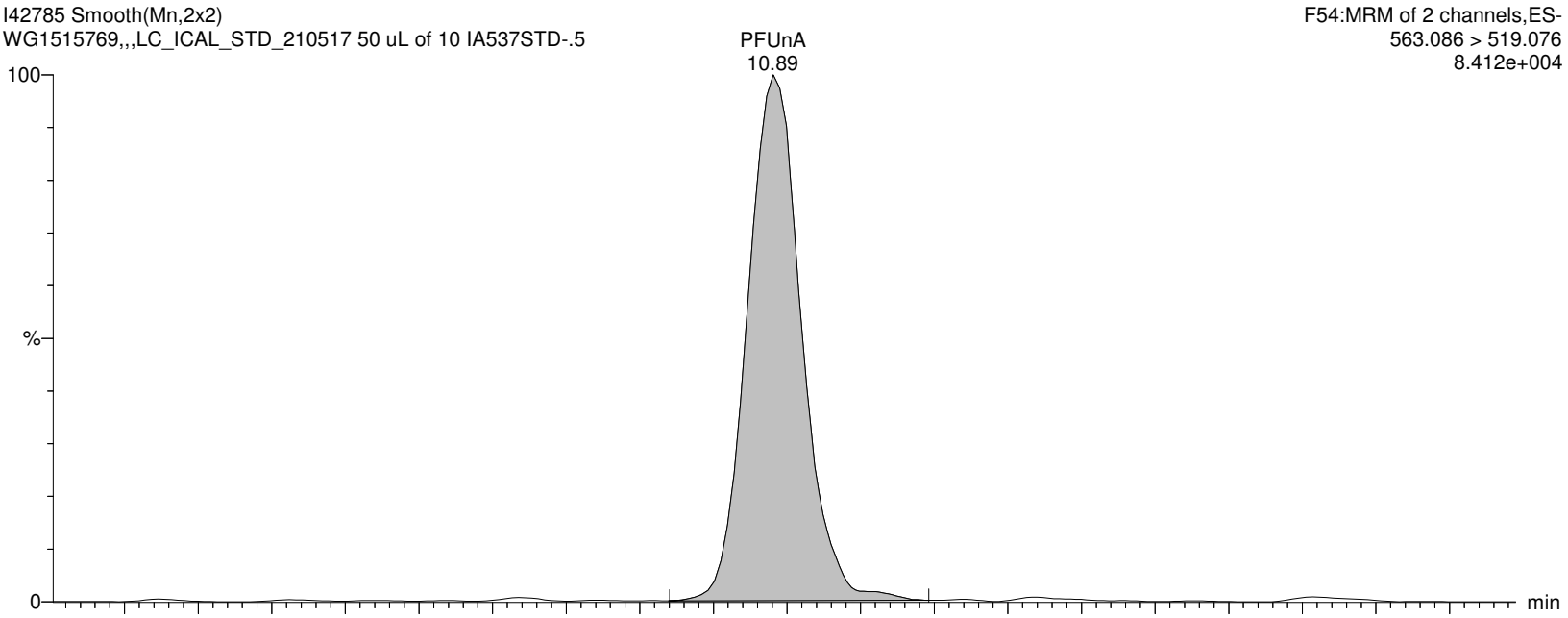


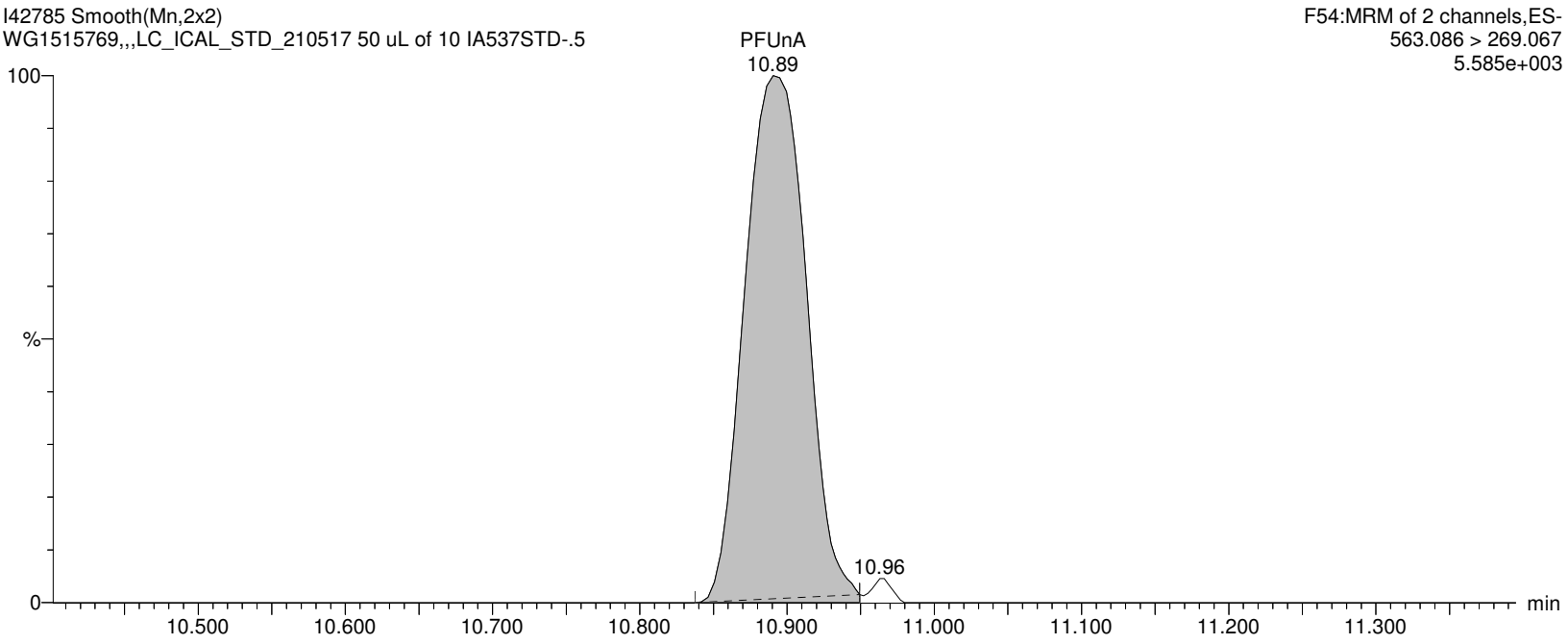
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFUnA



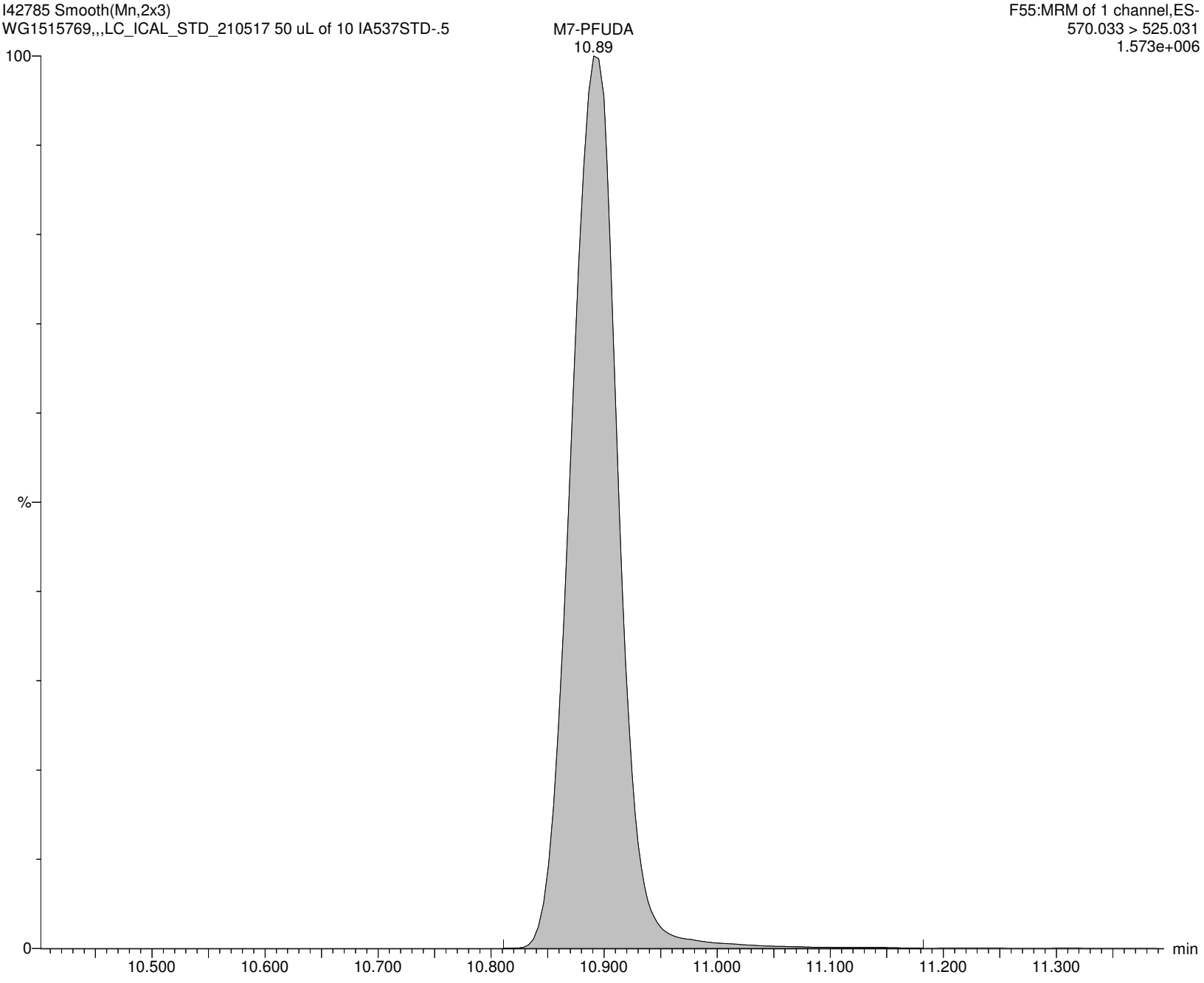


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M7-PFUDA

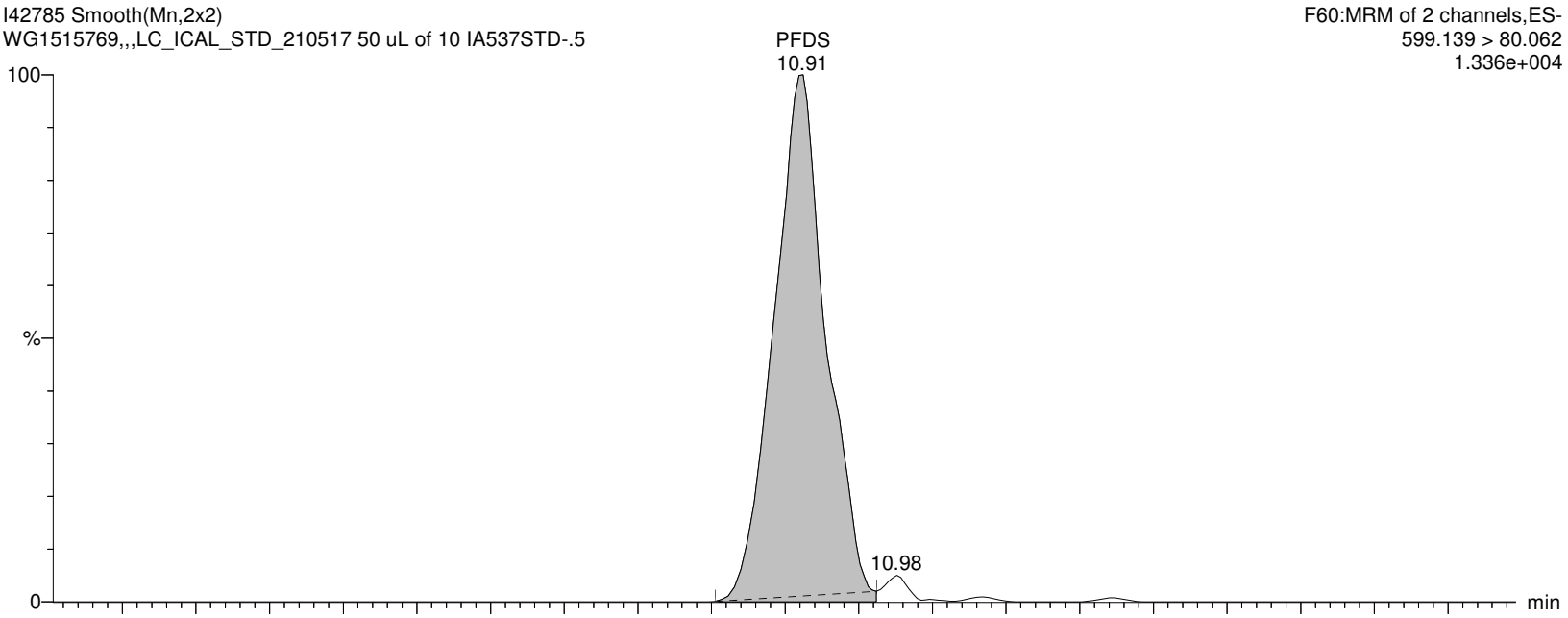


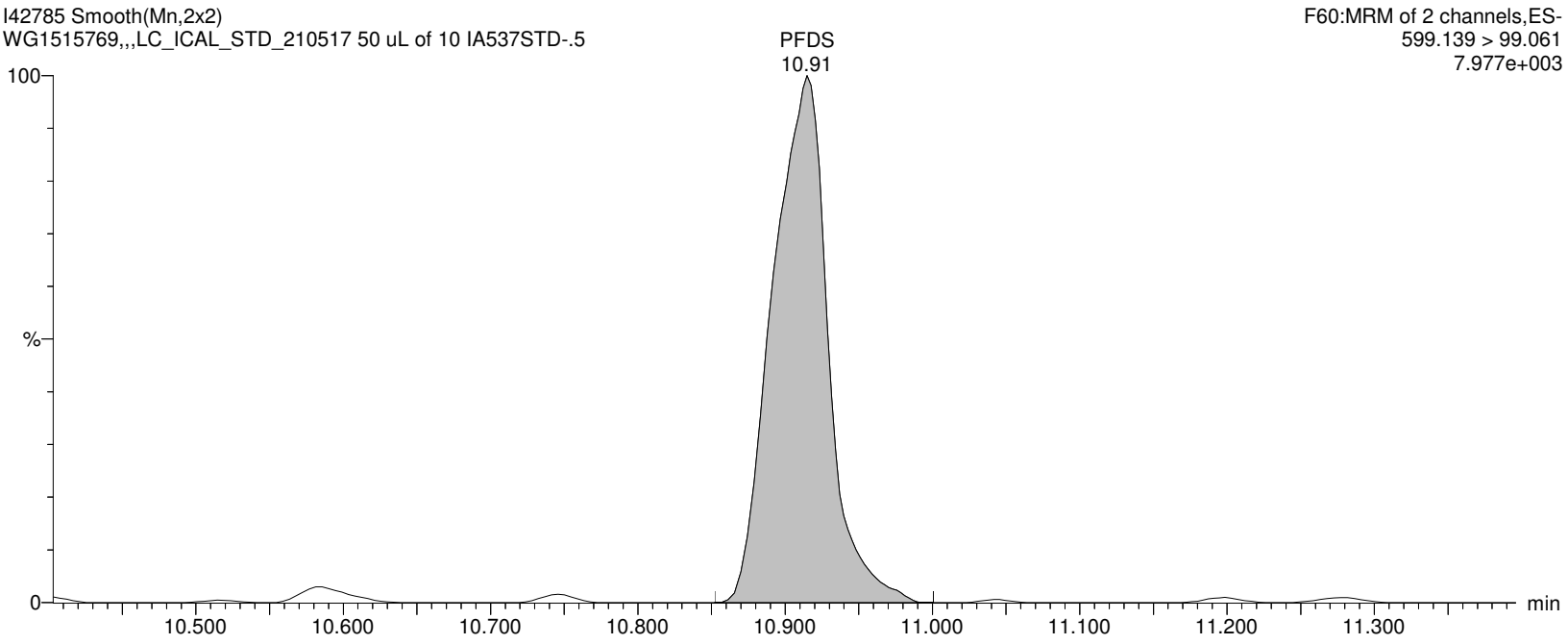
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDS



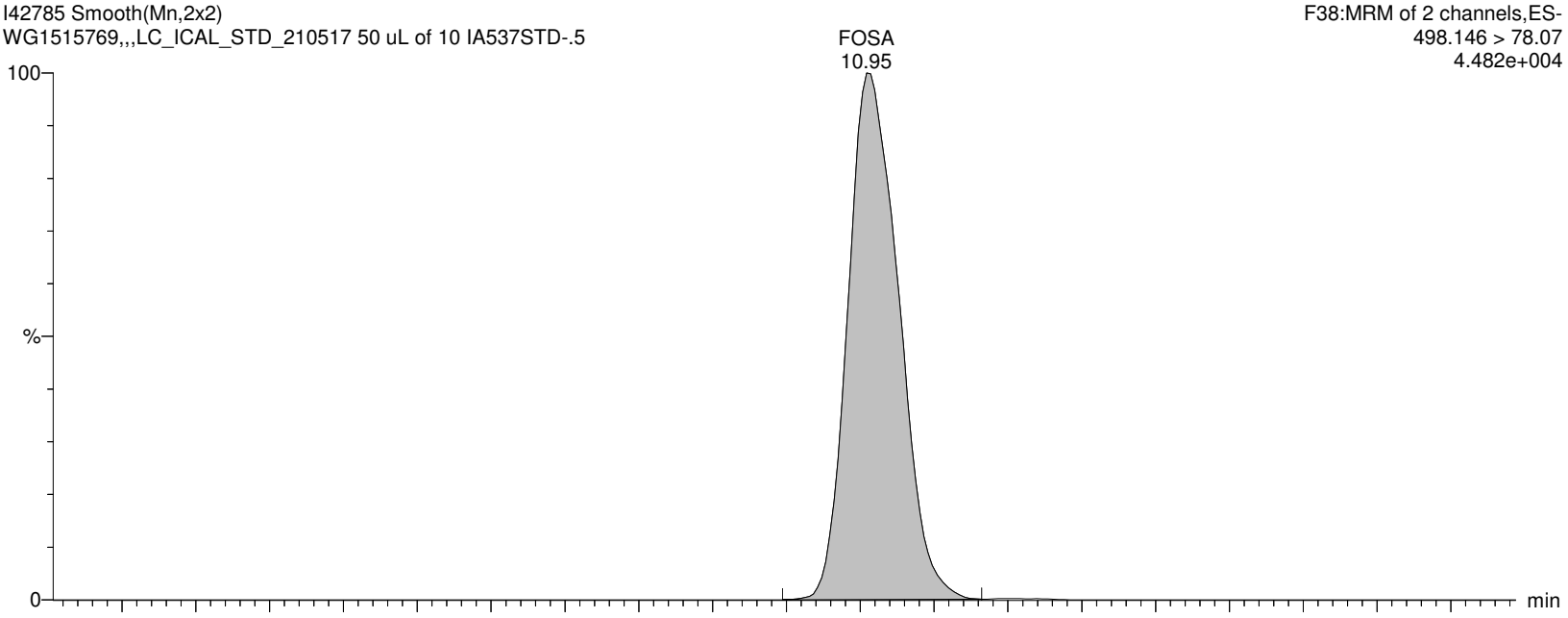


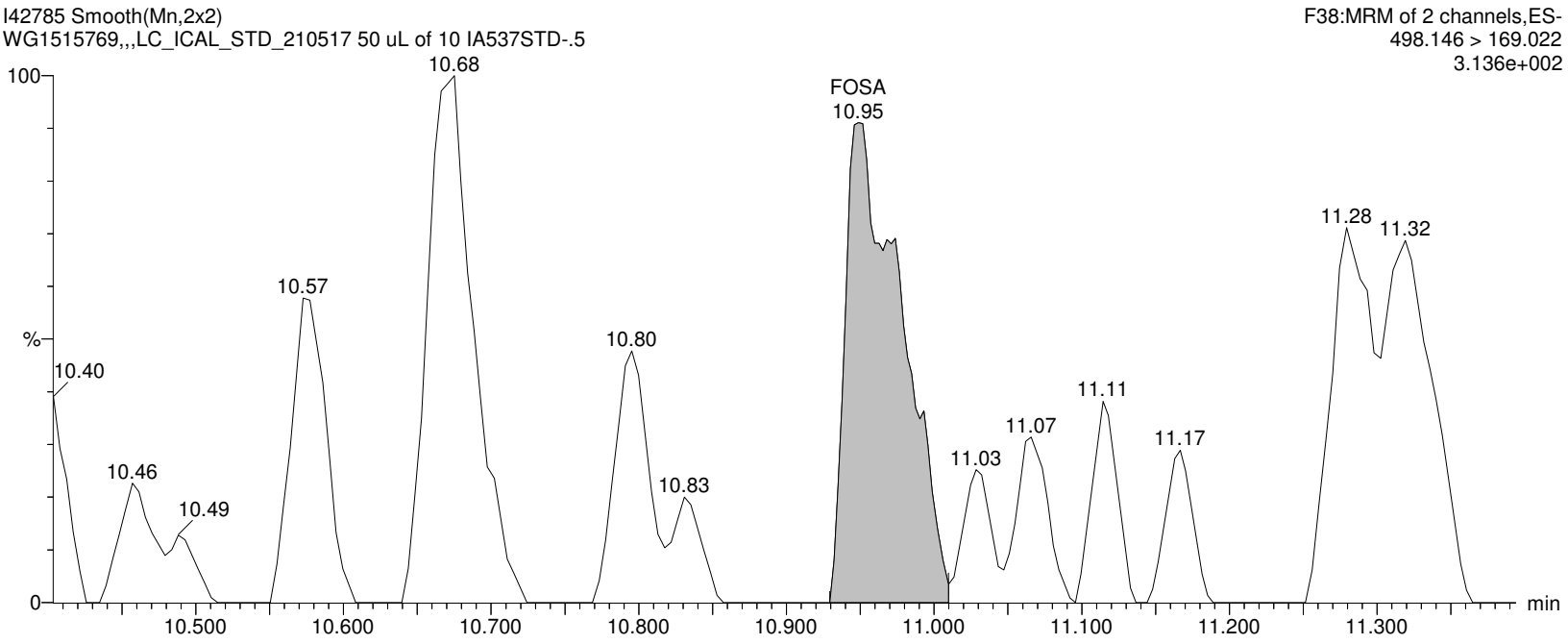
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

FOSA



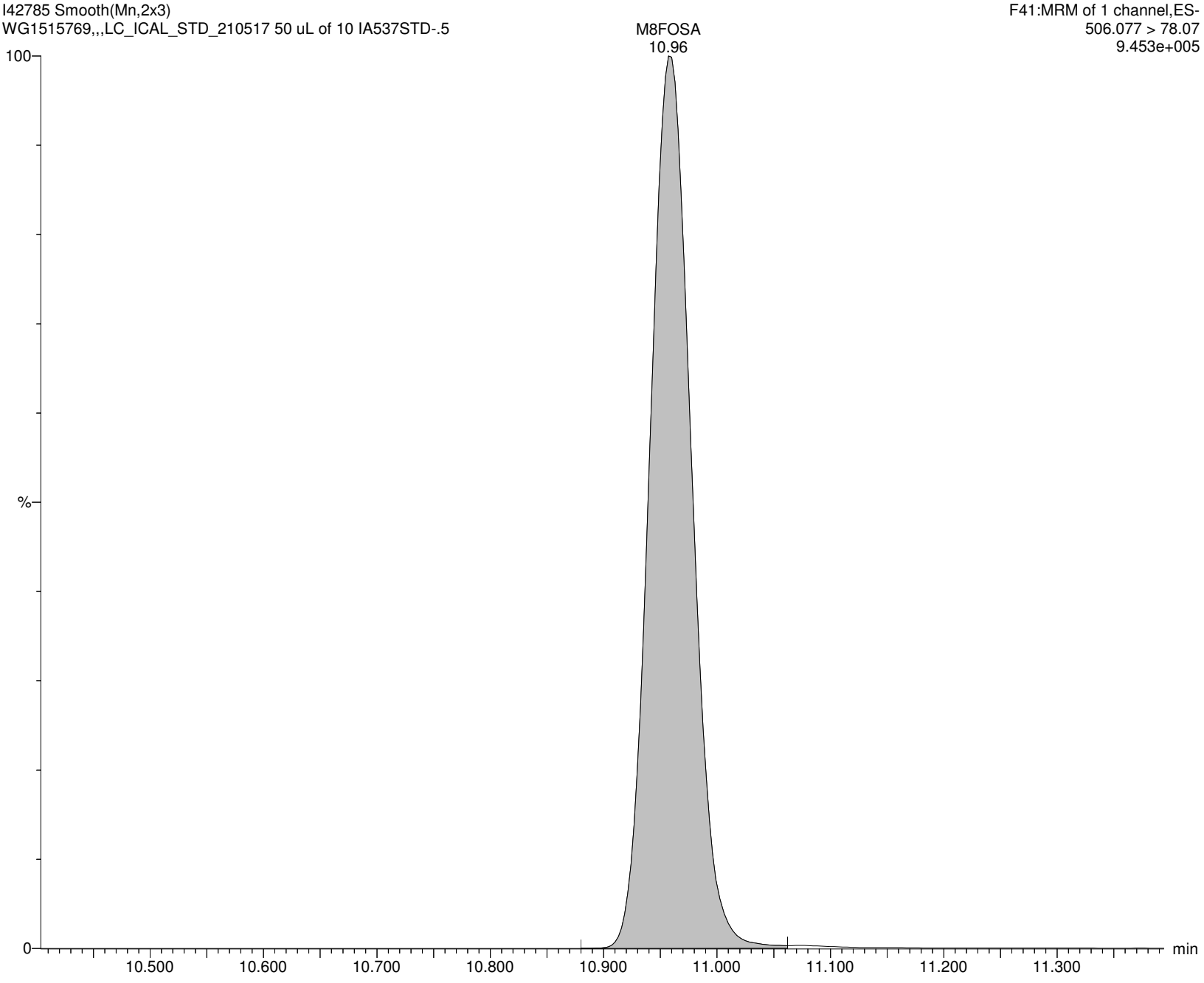


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8FOSA

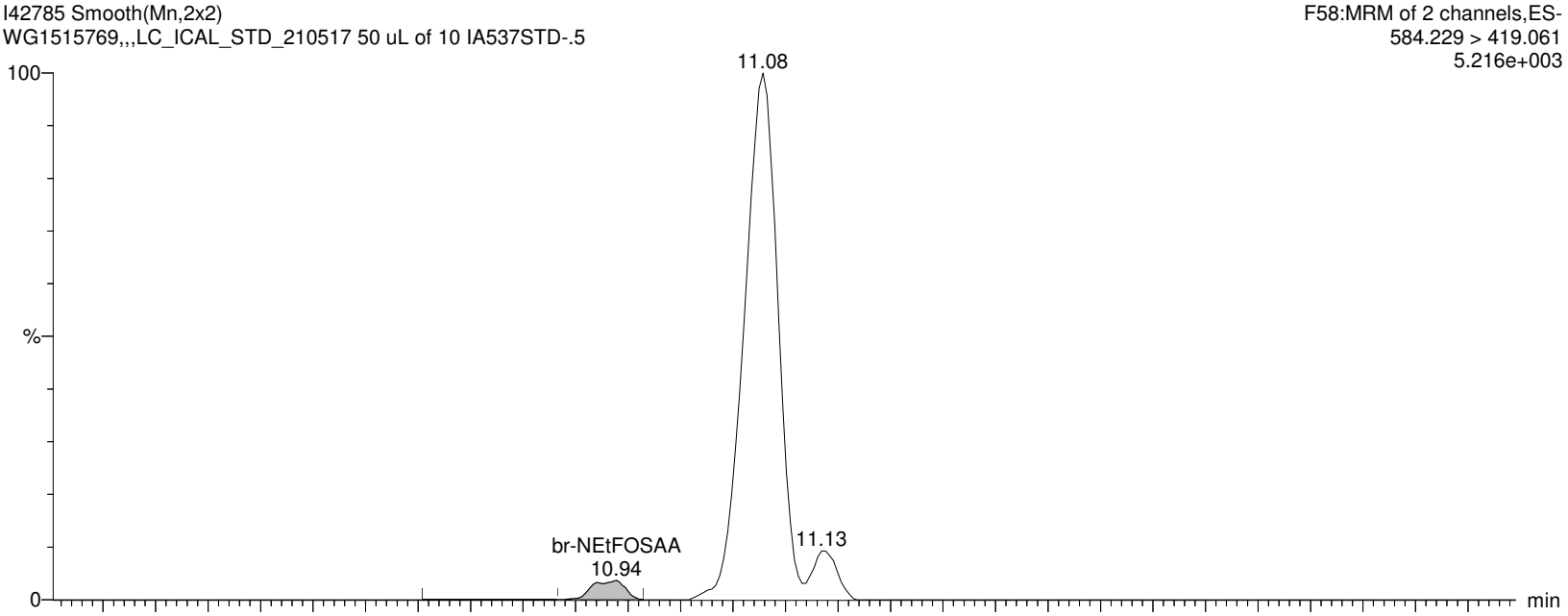


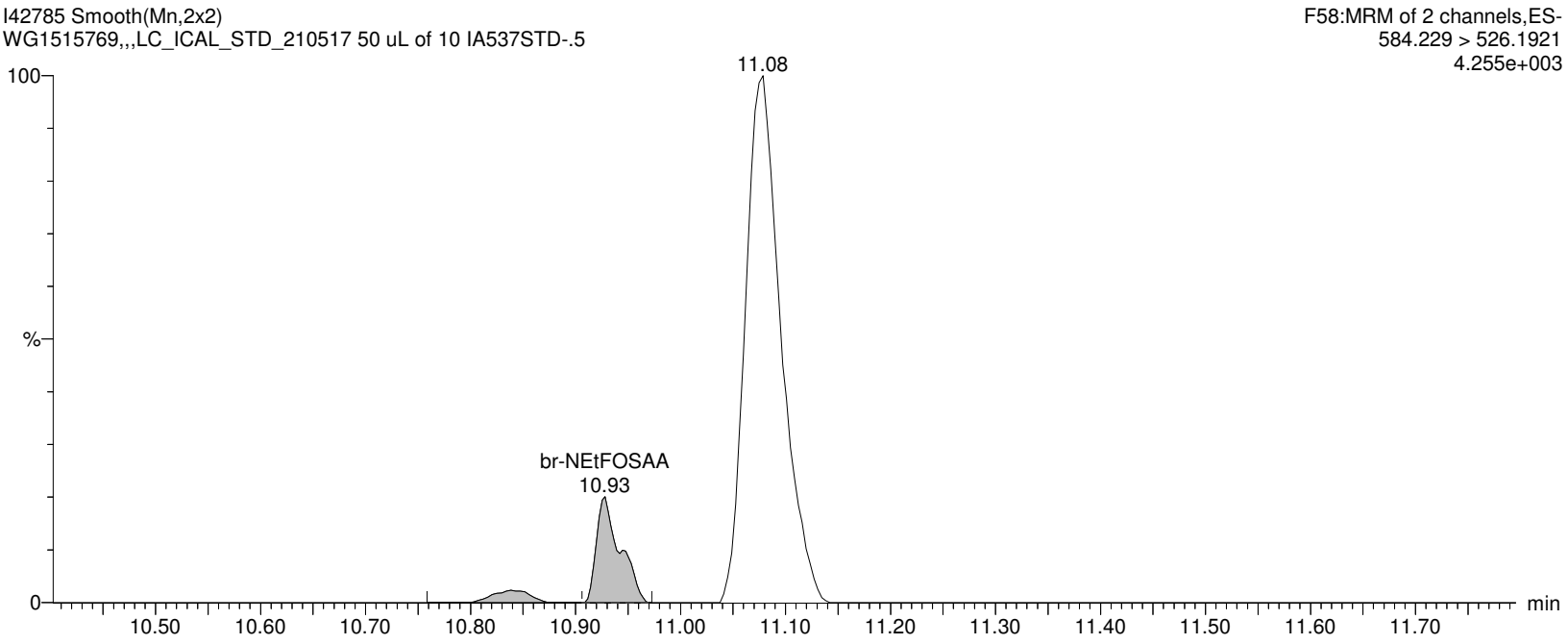
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NEtFOSAA



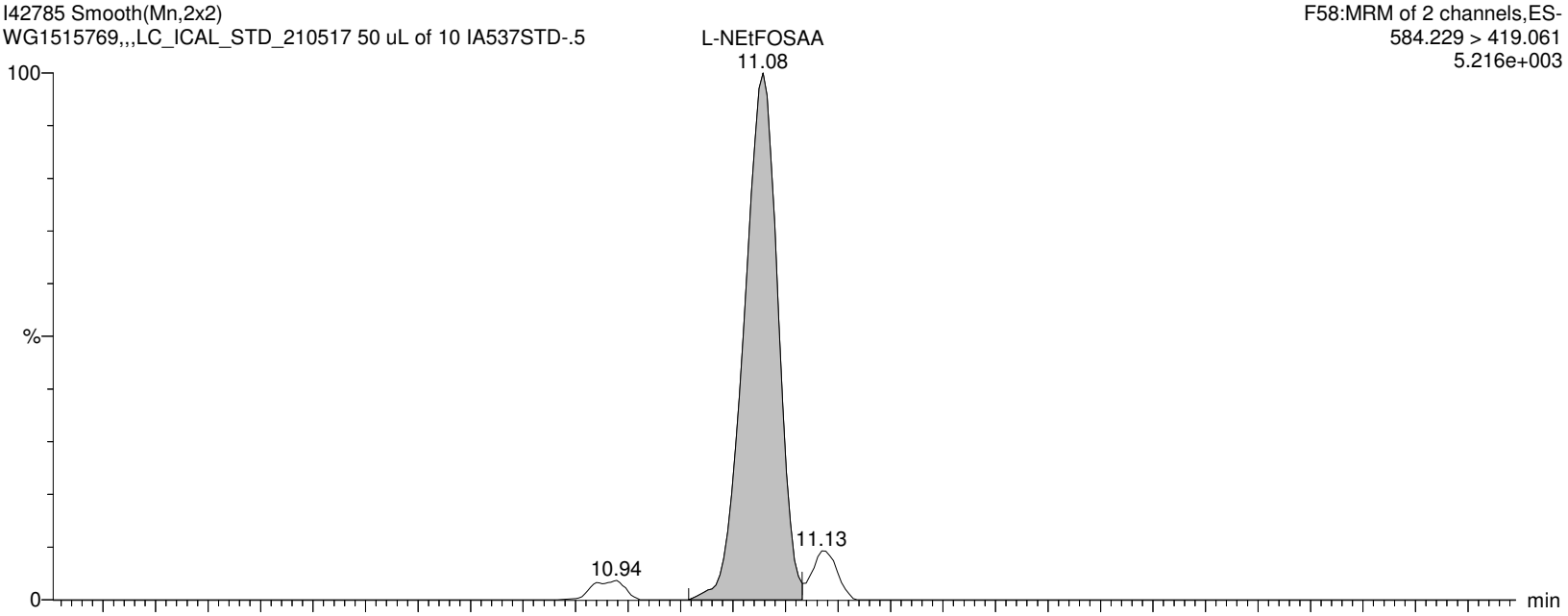


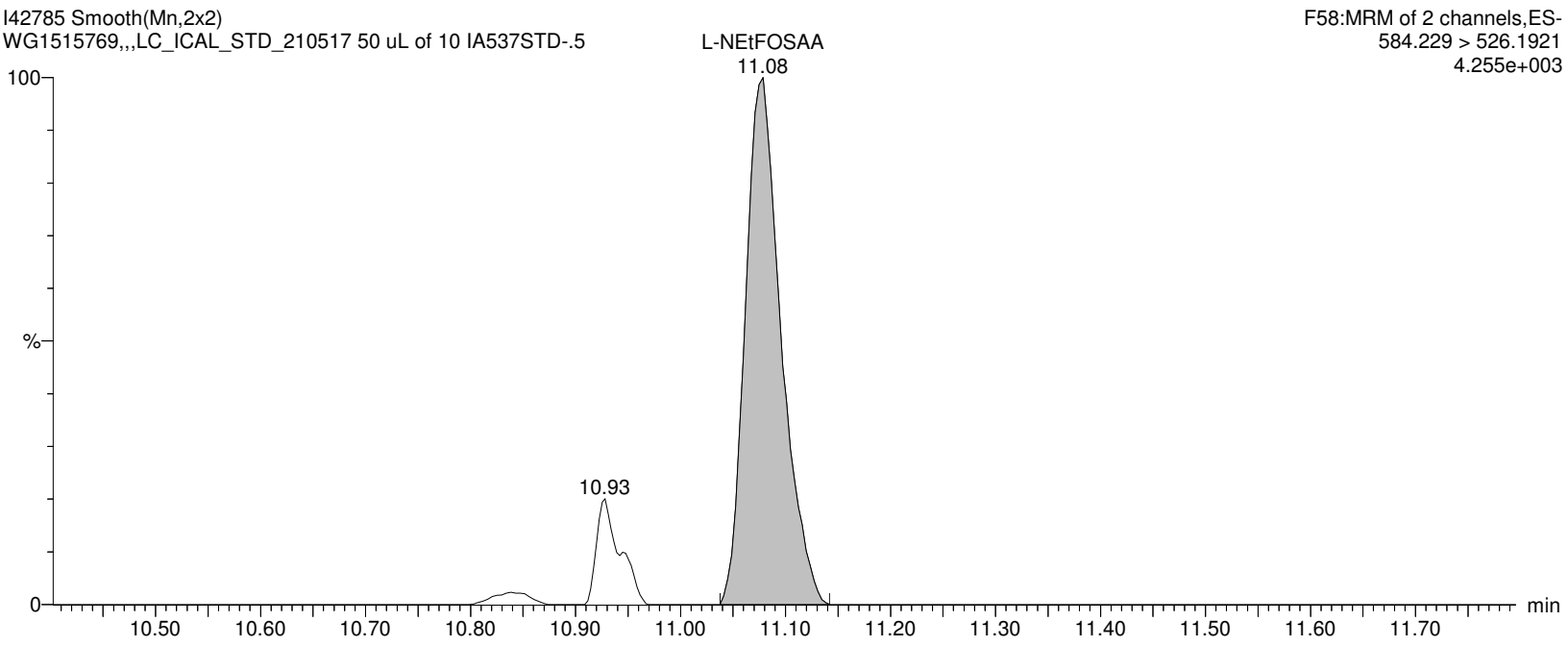
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NEtFOSAA

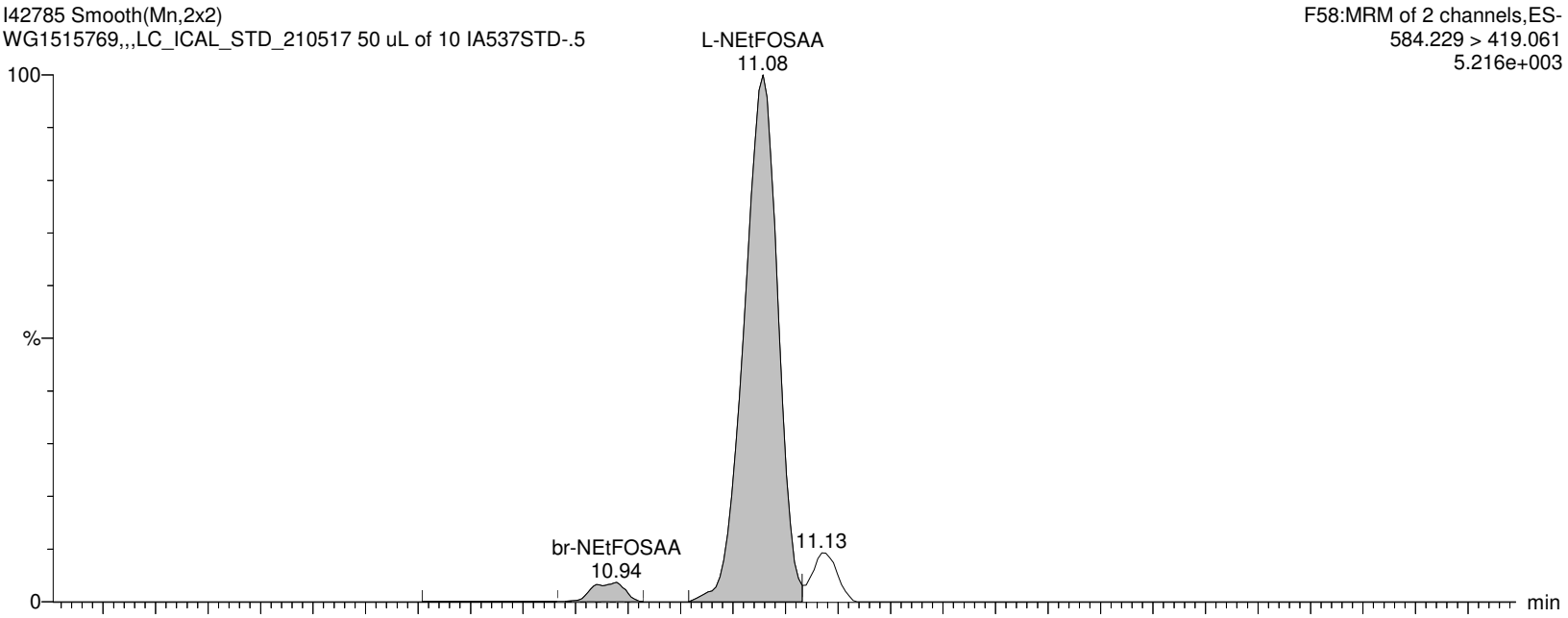


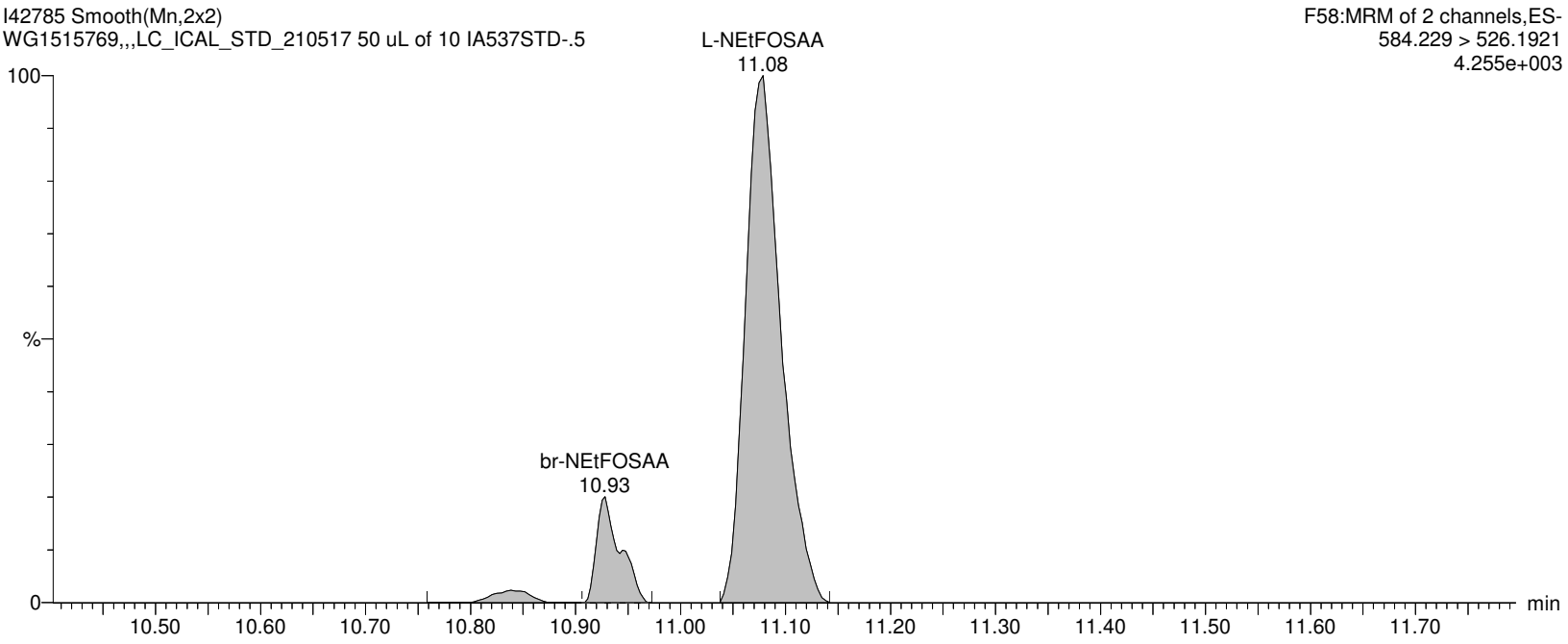


all concentration units in (ng/mL)

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSAA



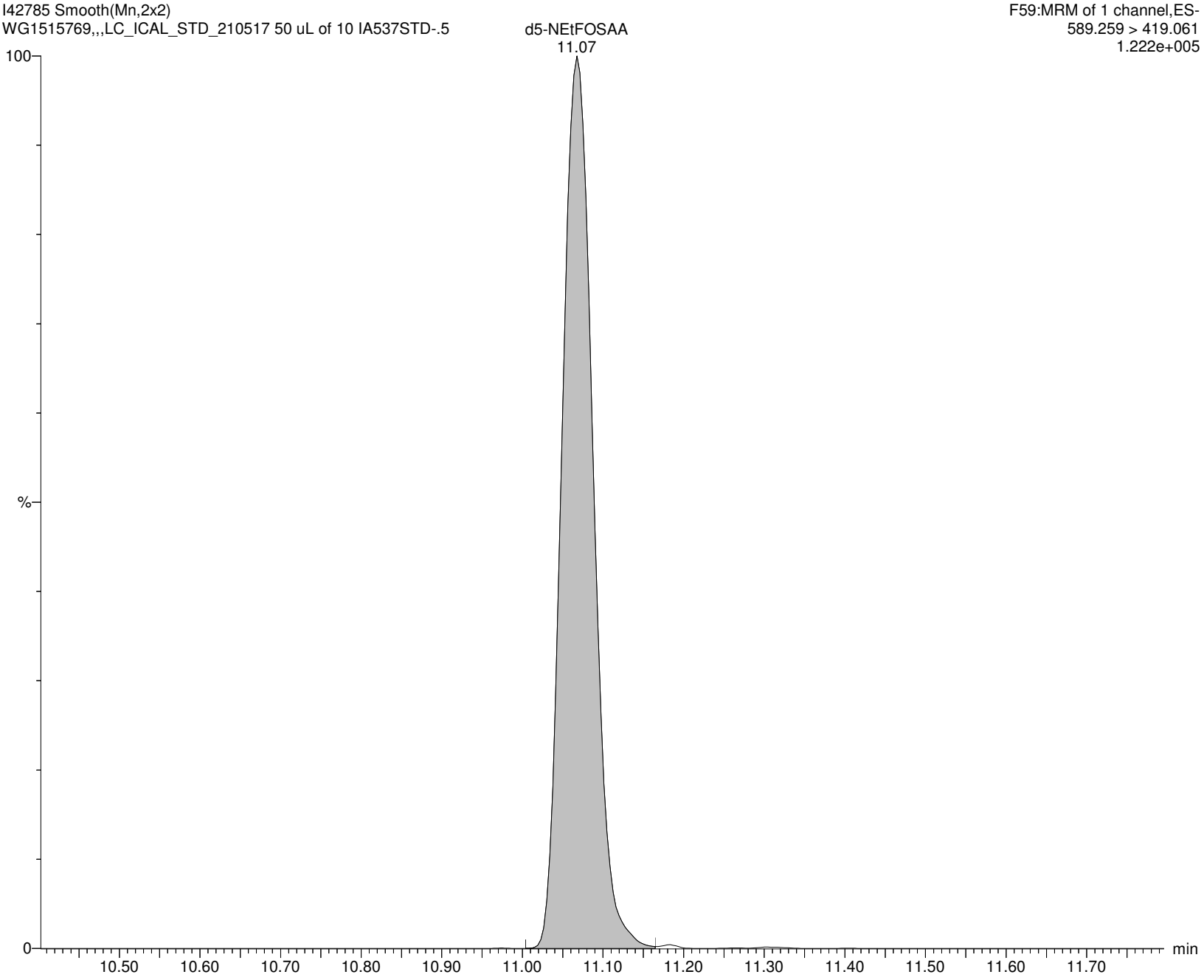


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSAA

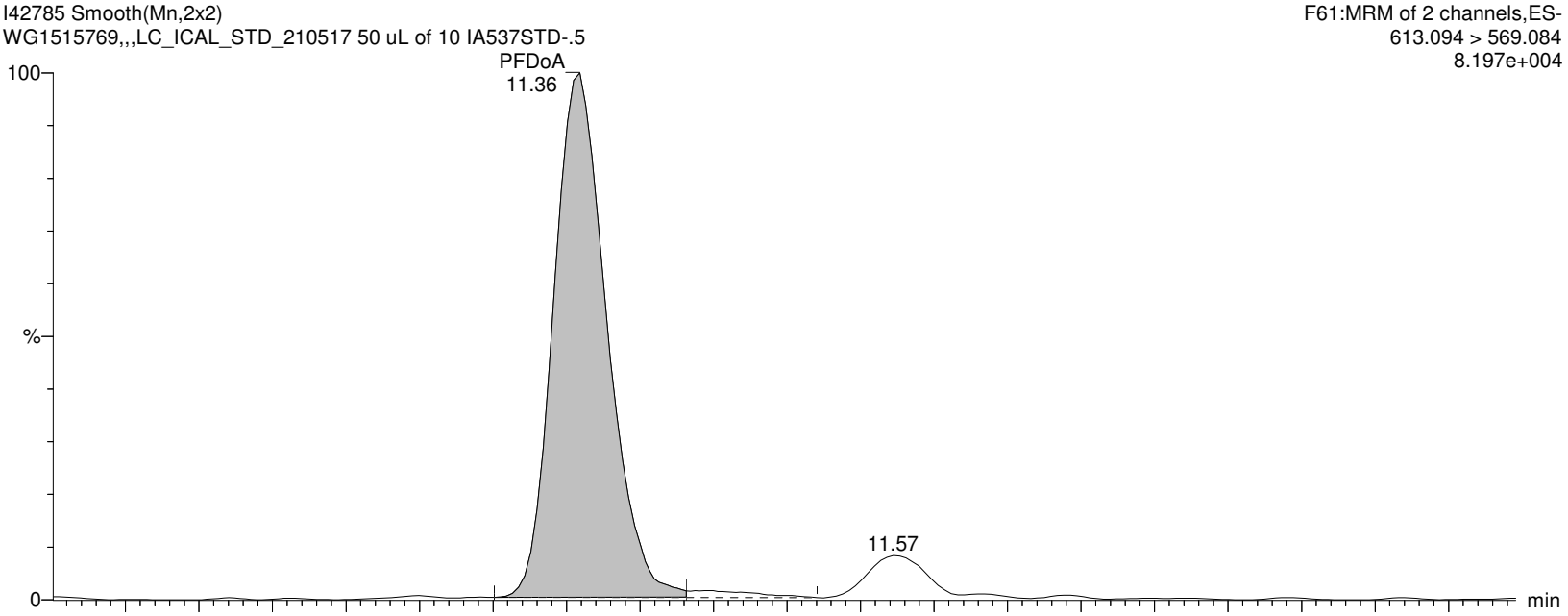


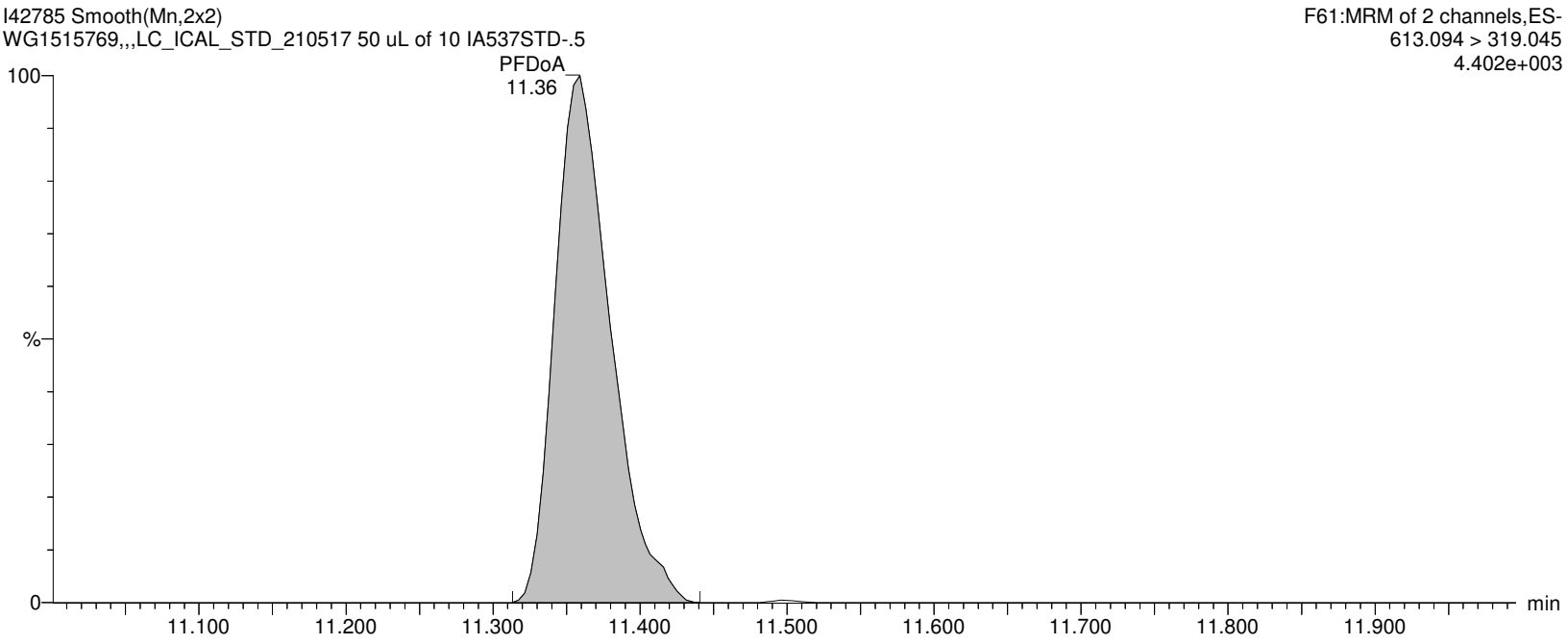
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoA



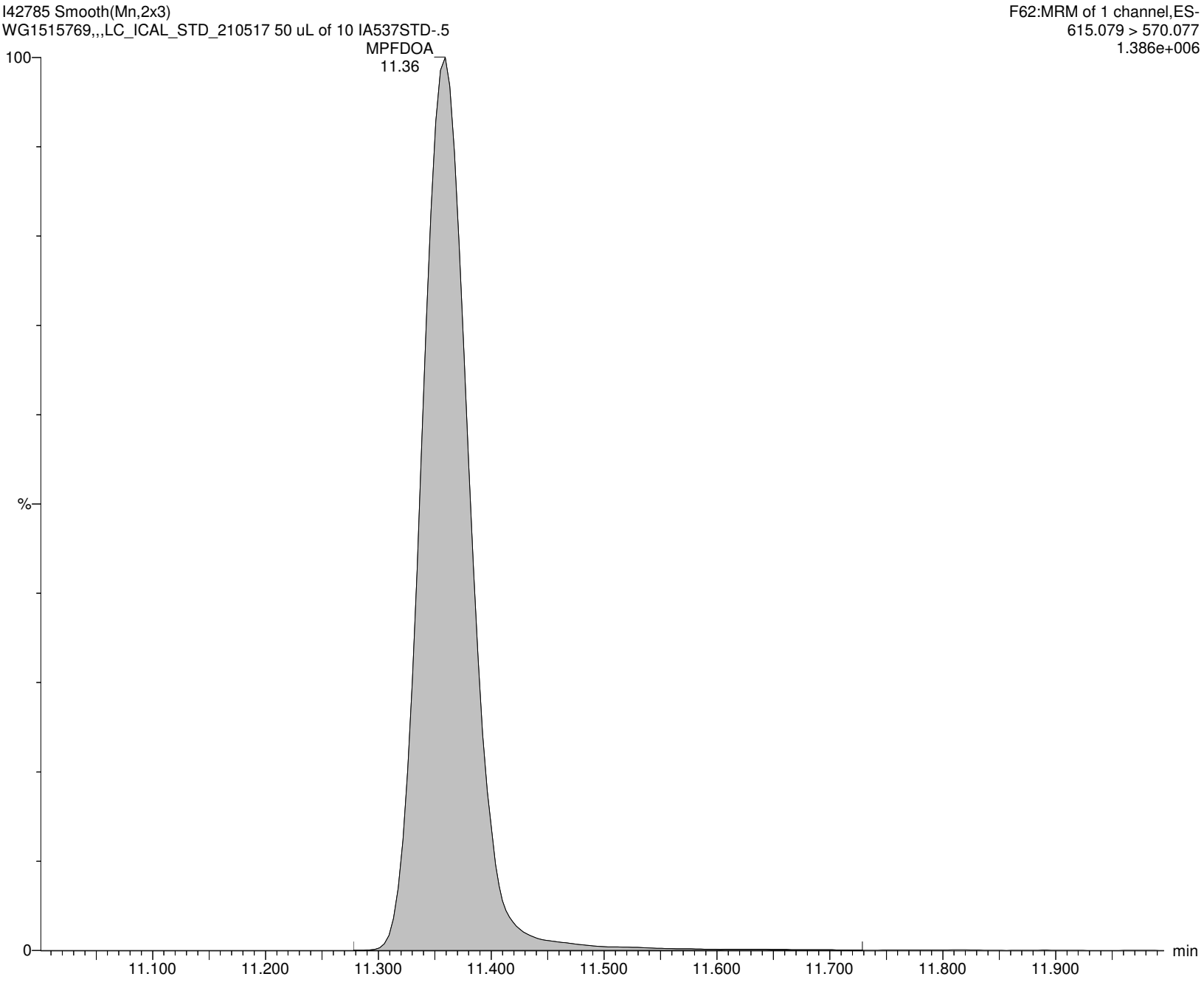


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFDOA

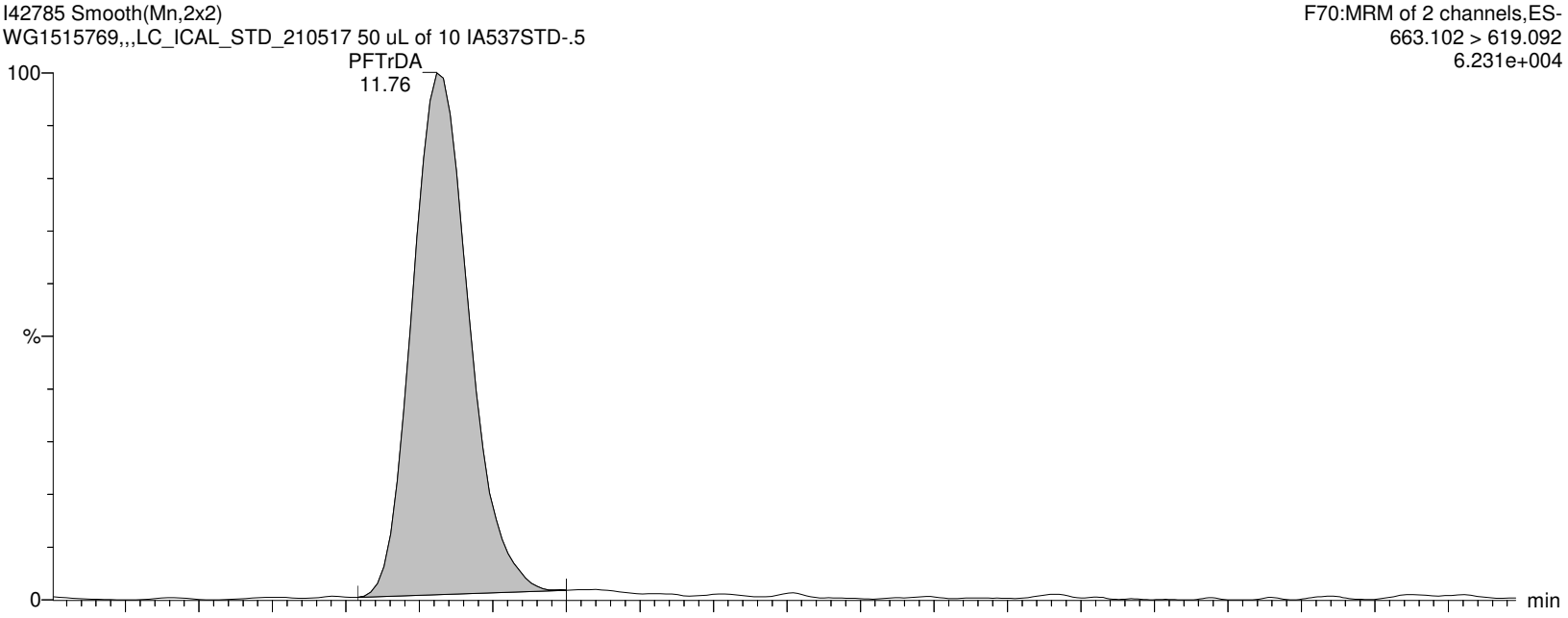


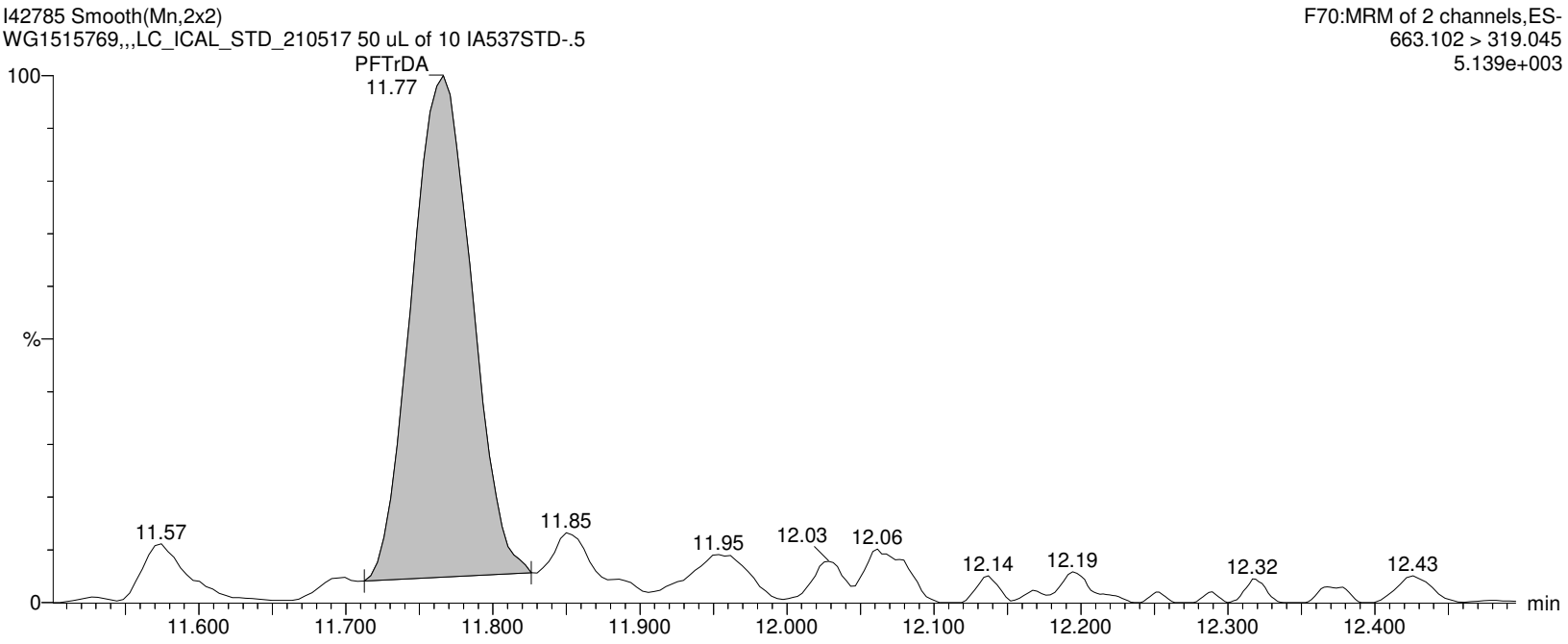
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTrDA



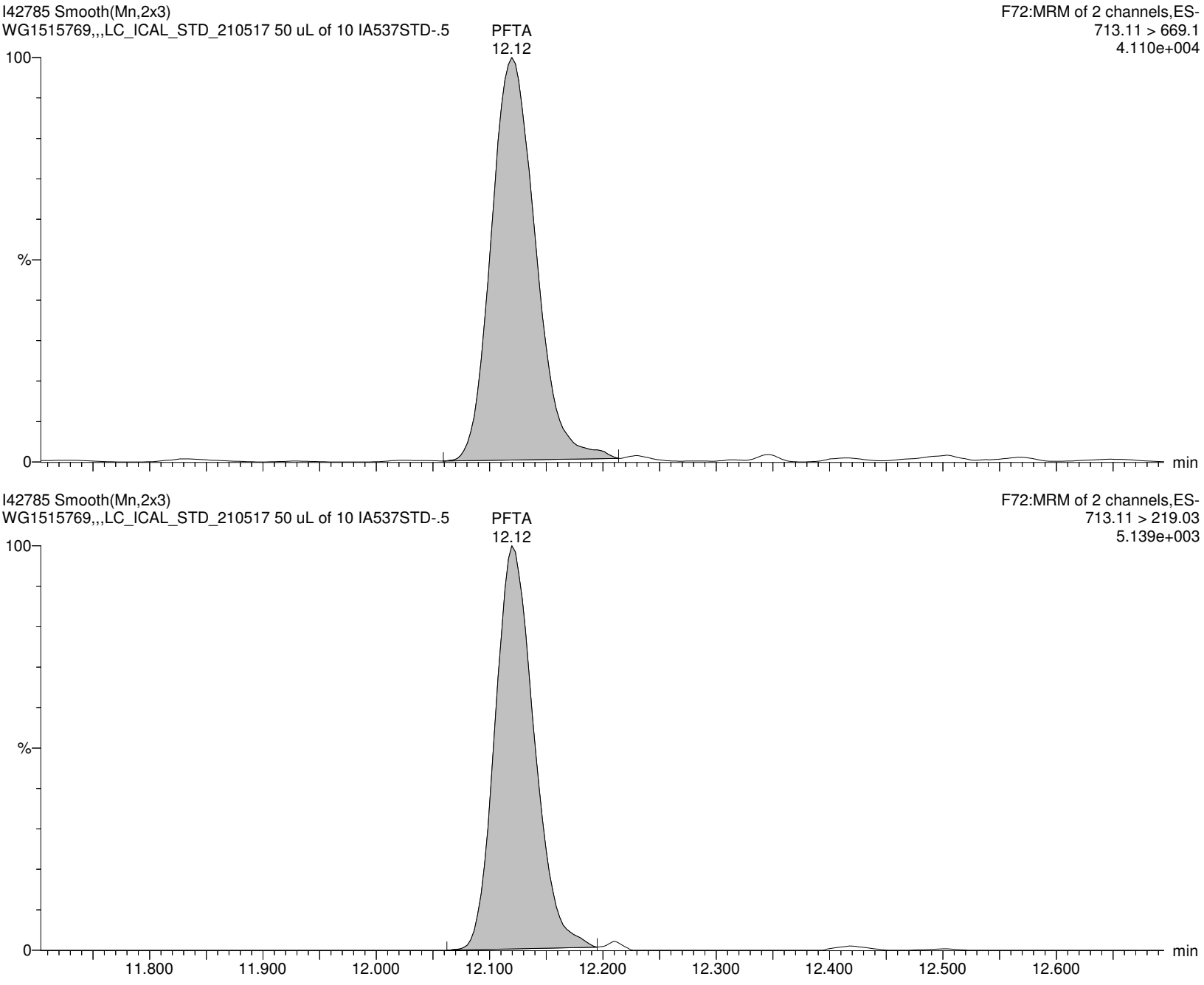


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTA

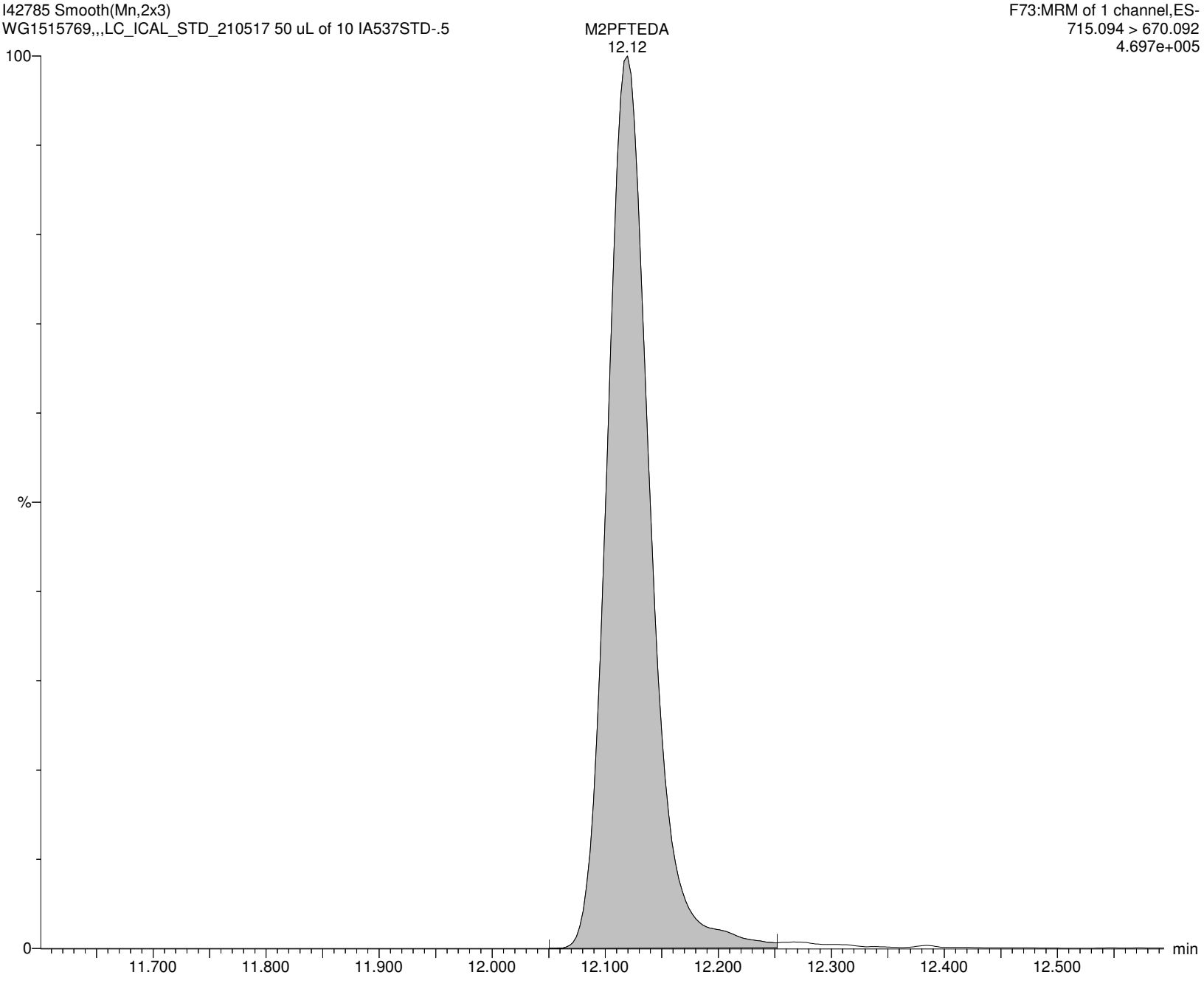


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFTEDA

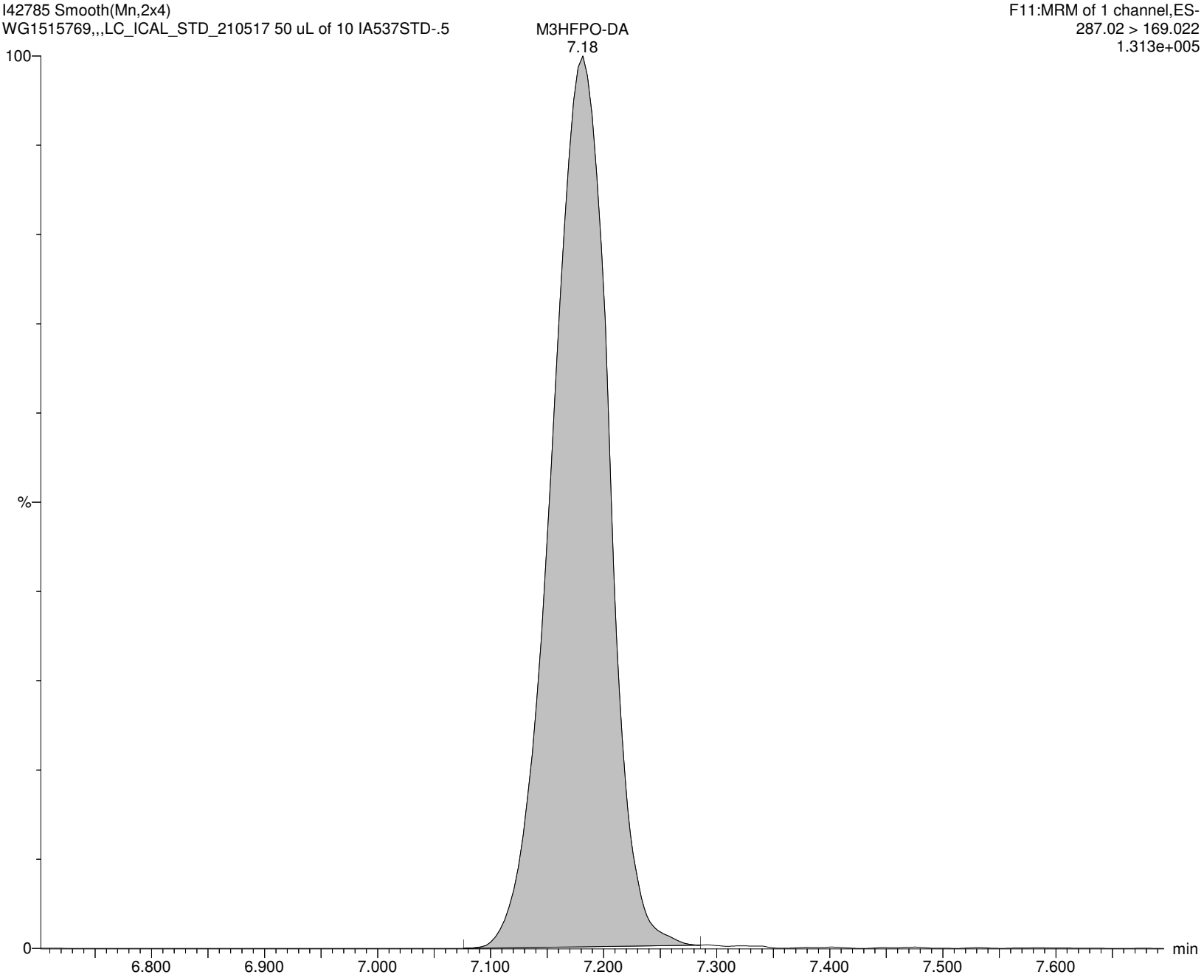


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3HFPO-DA

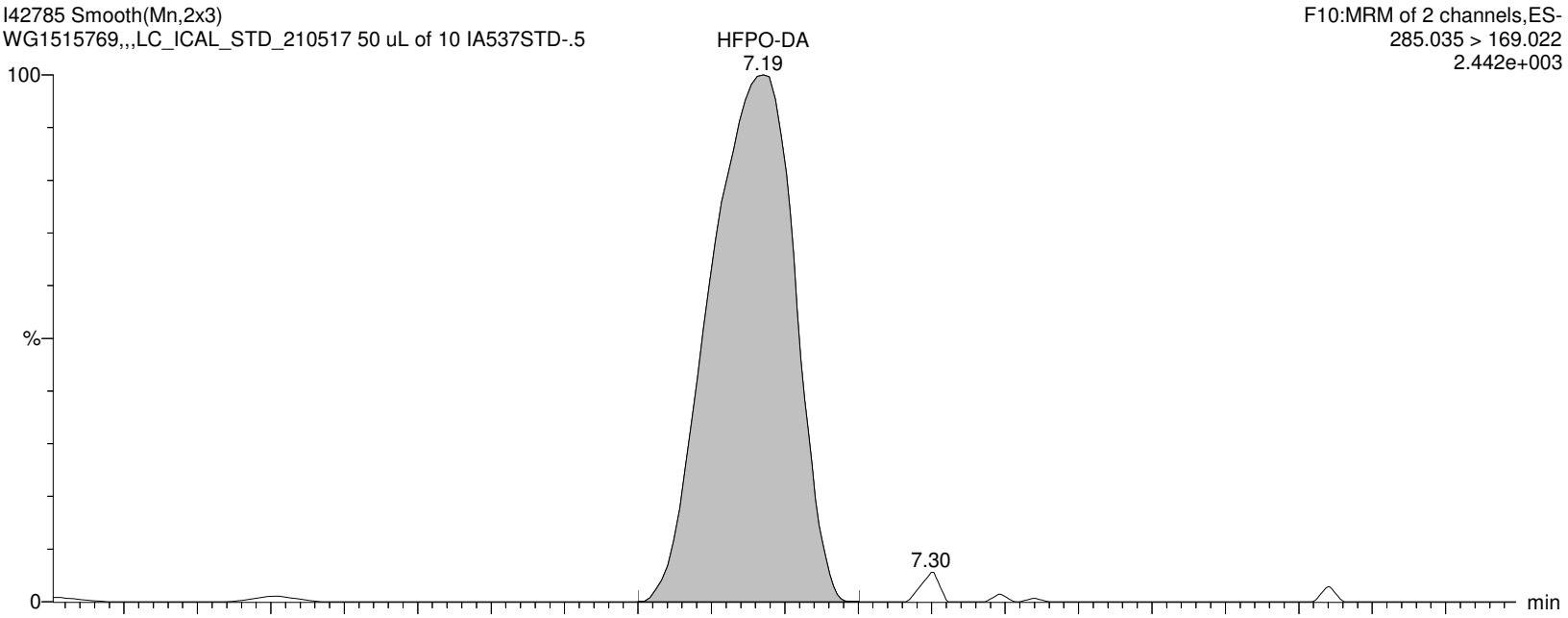


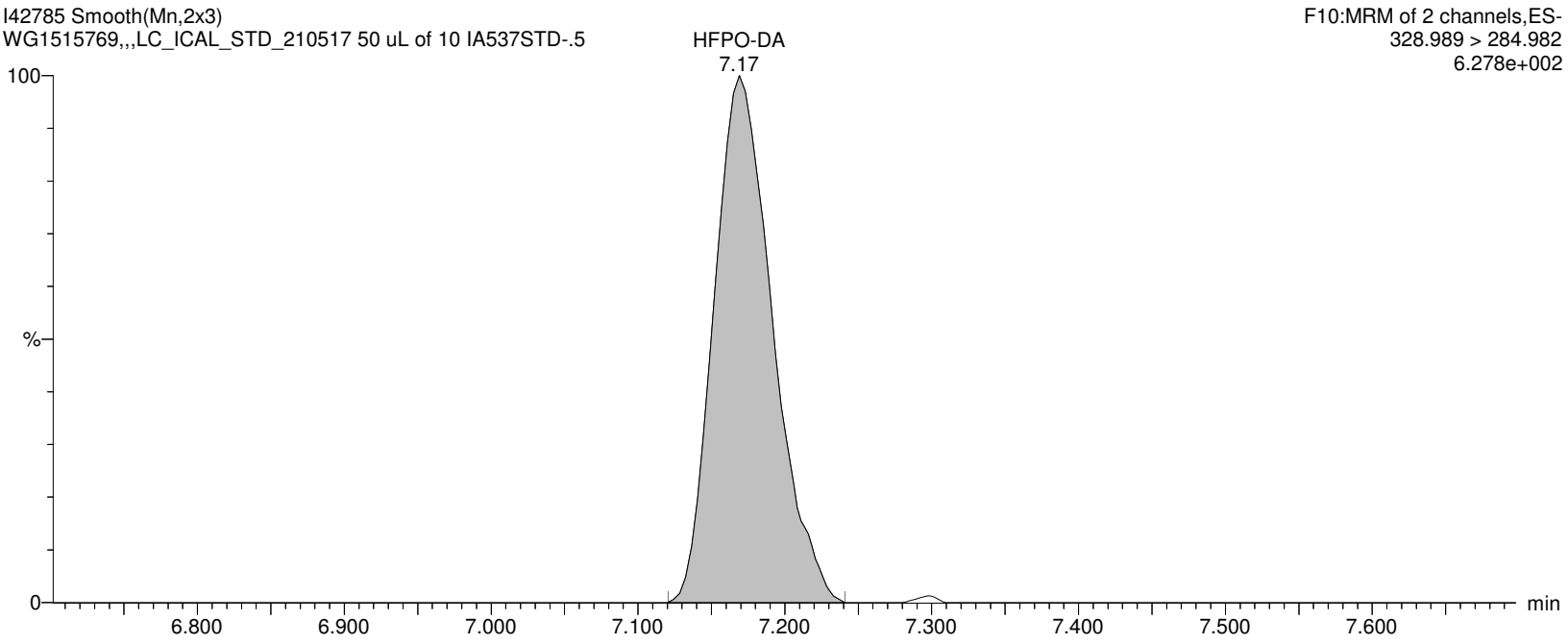
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

HFPO-DA



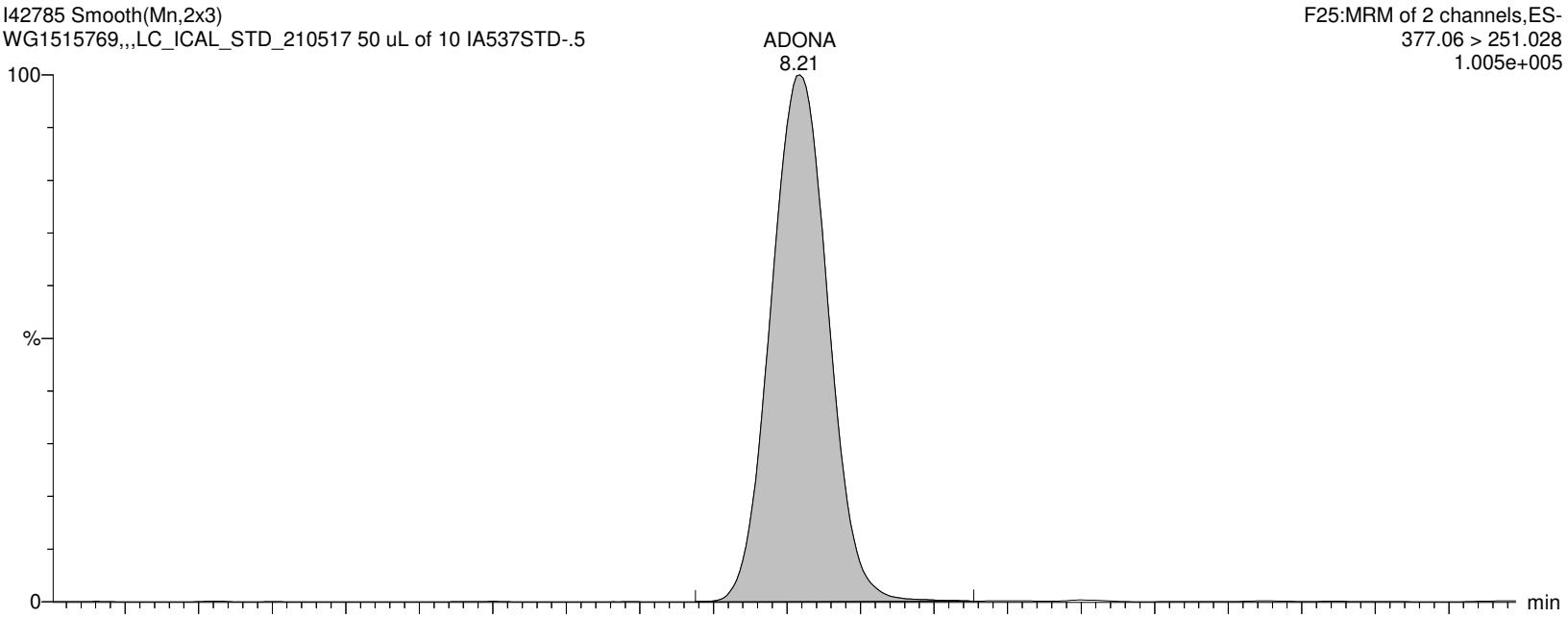


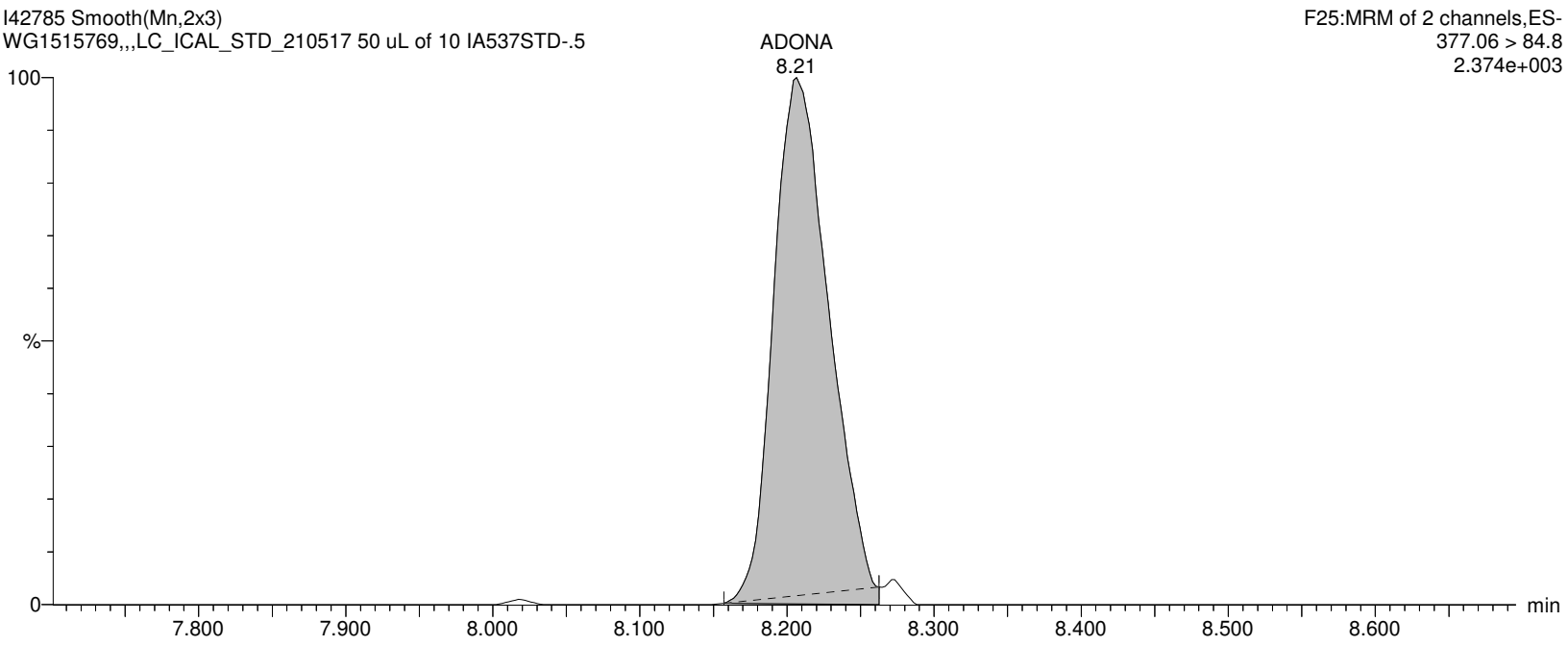
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

ADONA



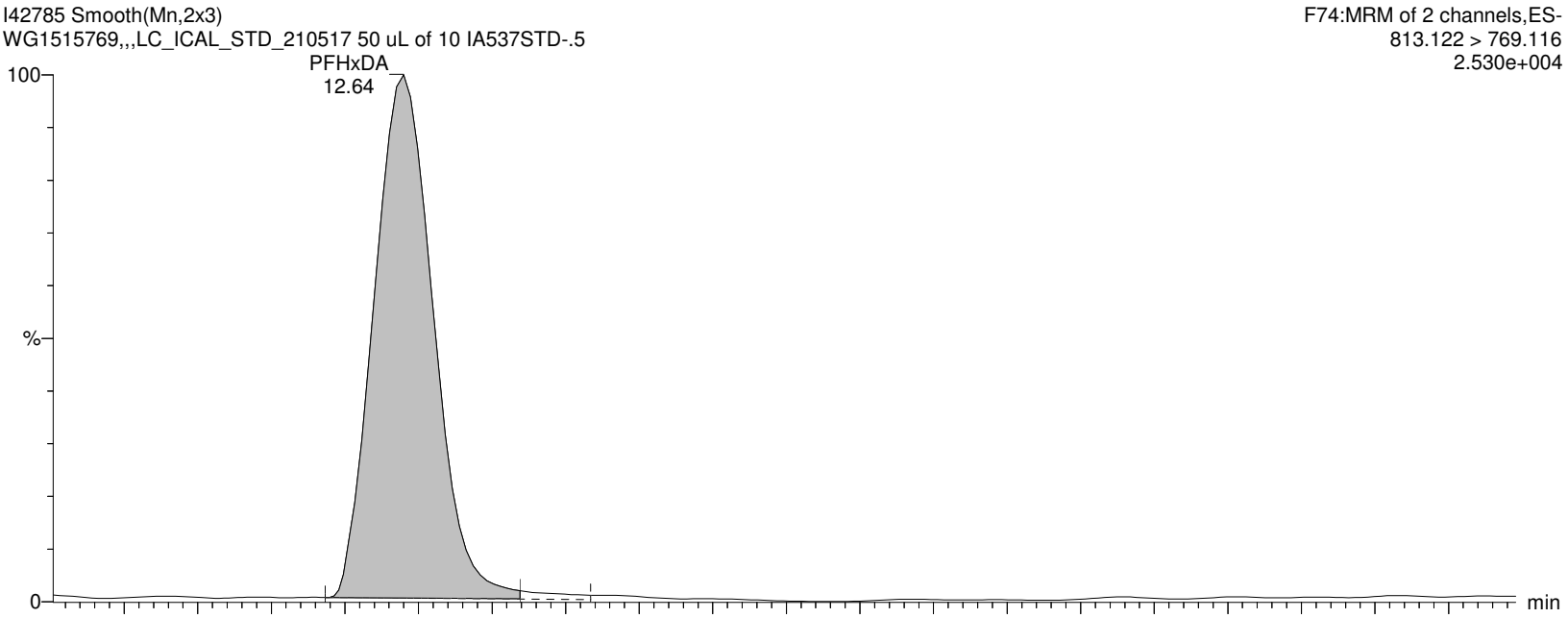


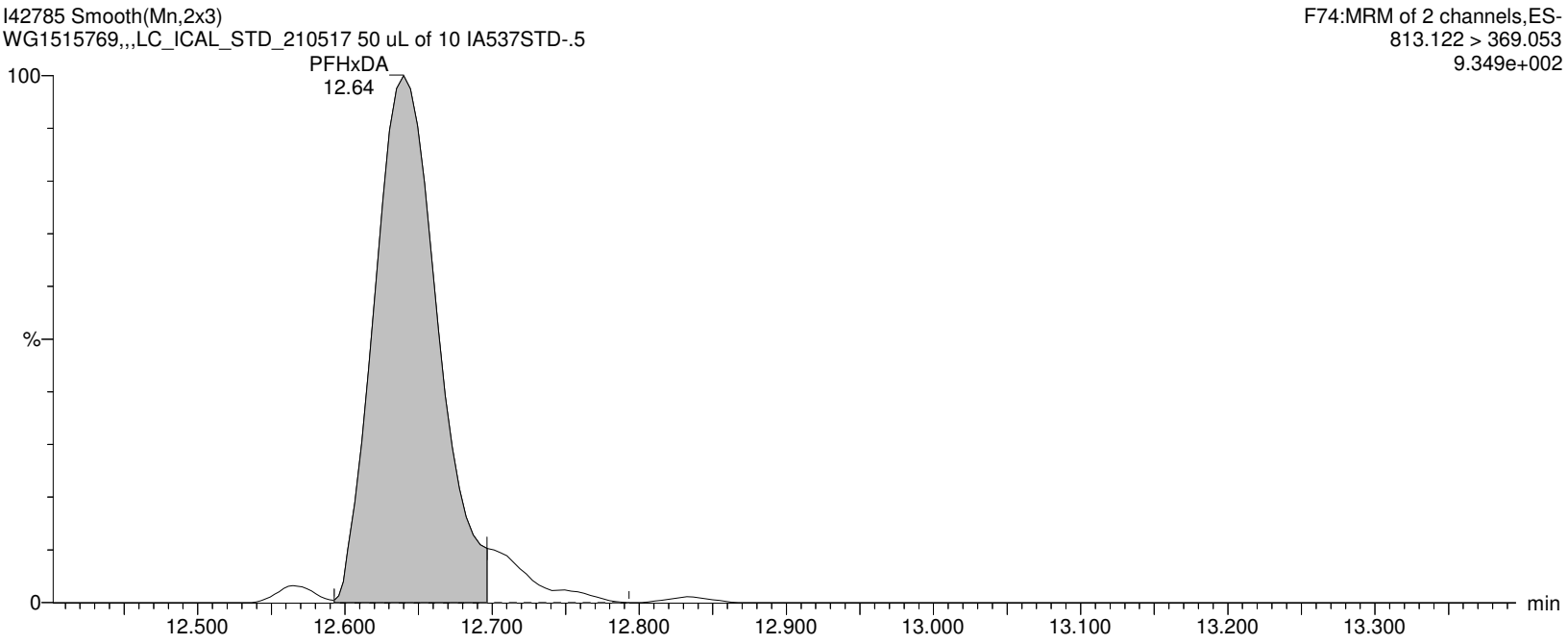
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxDA



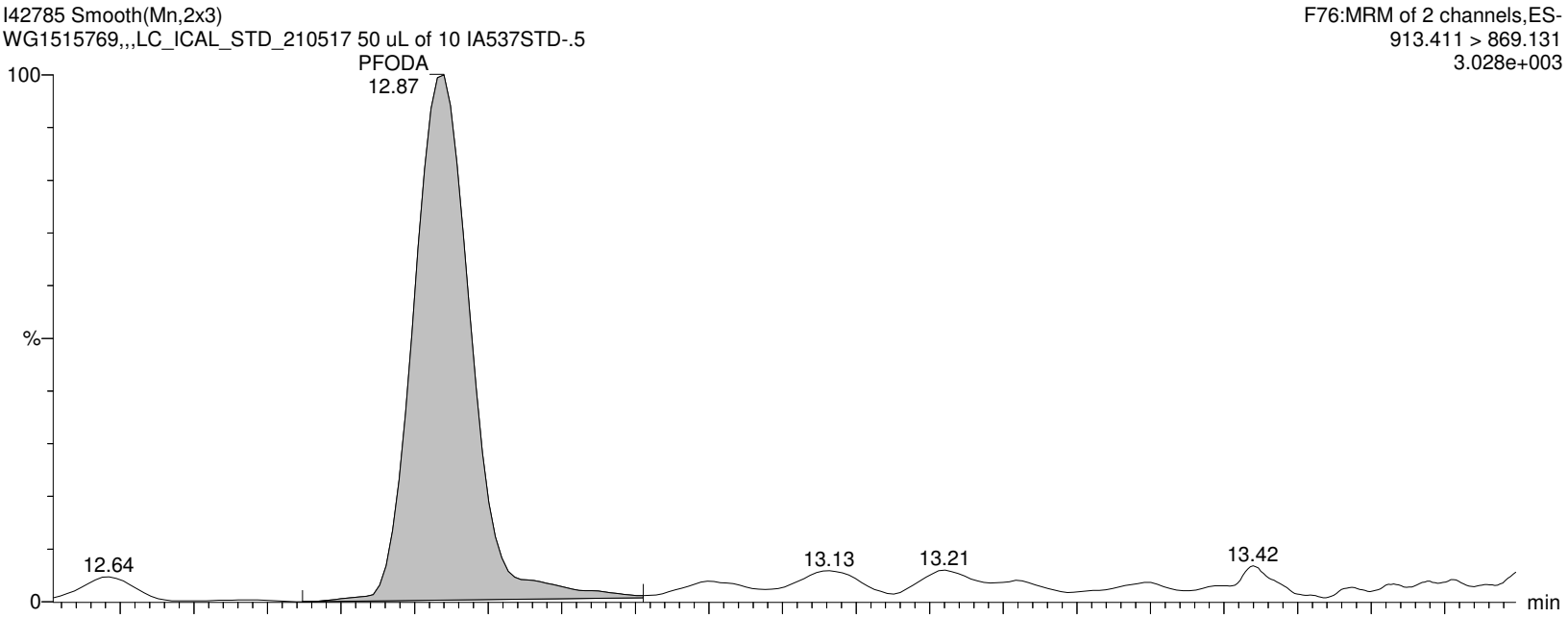


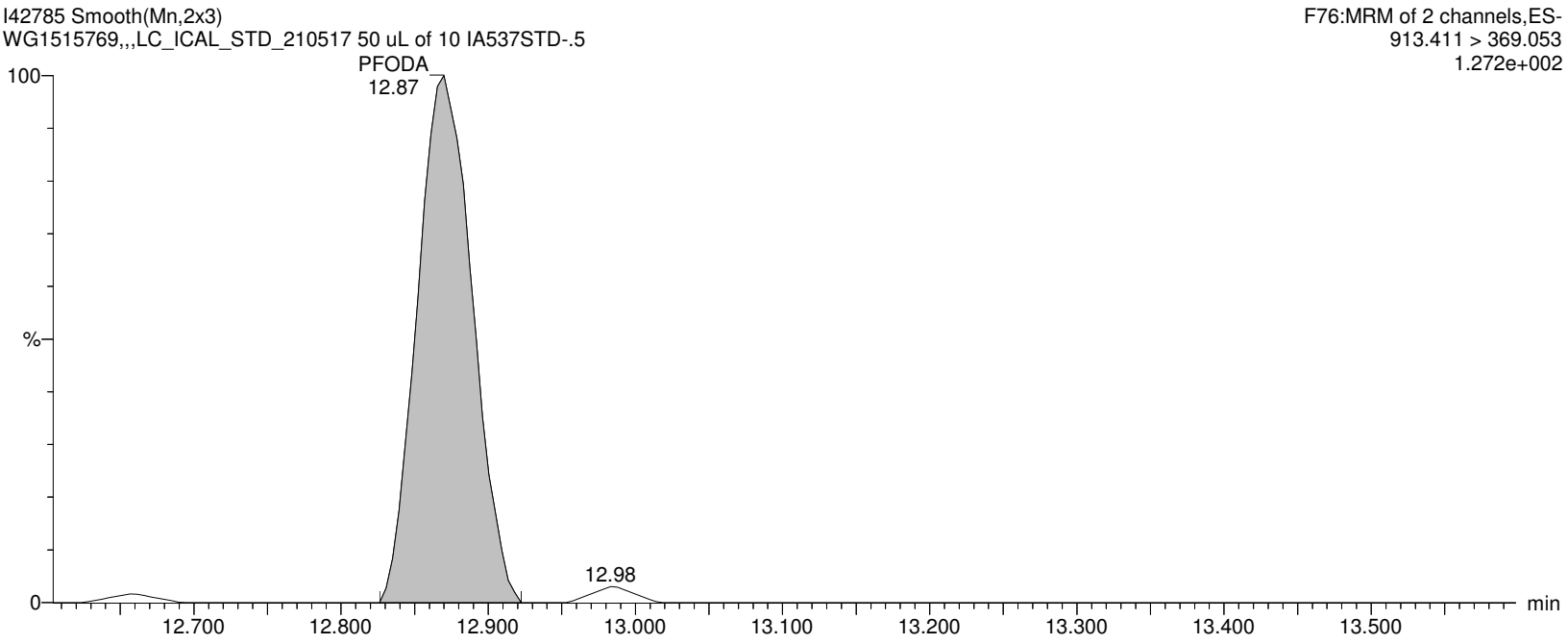
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFODA



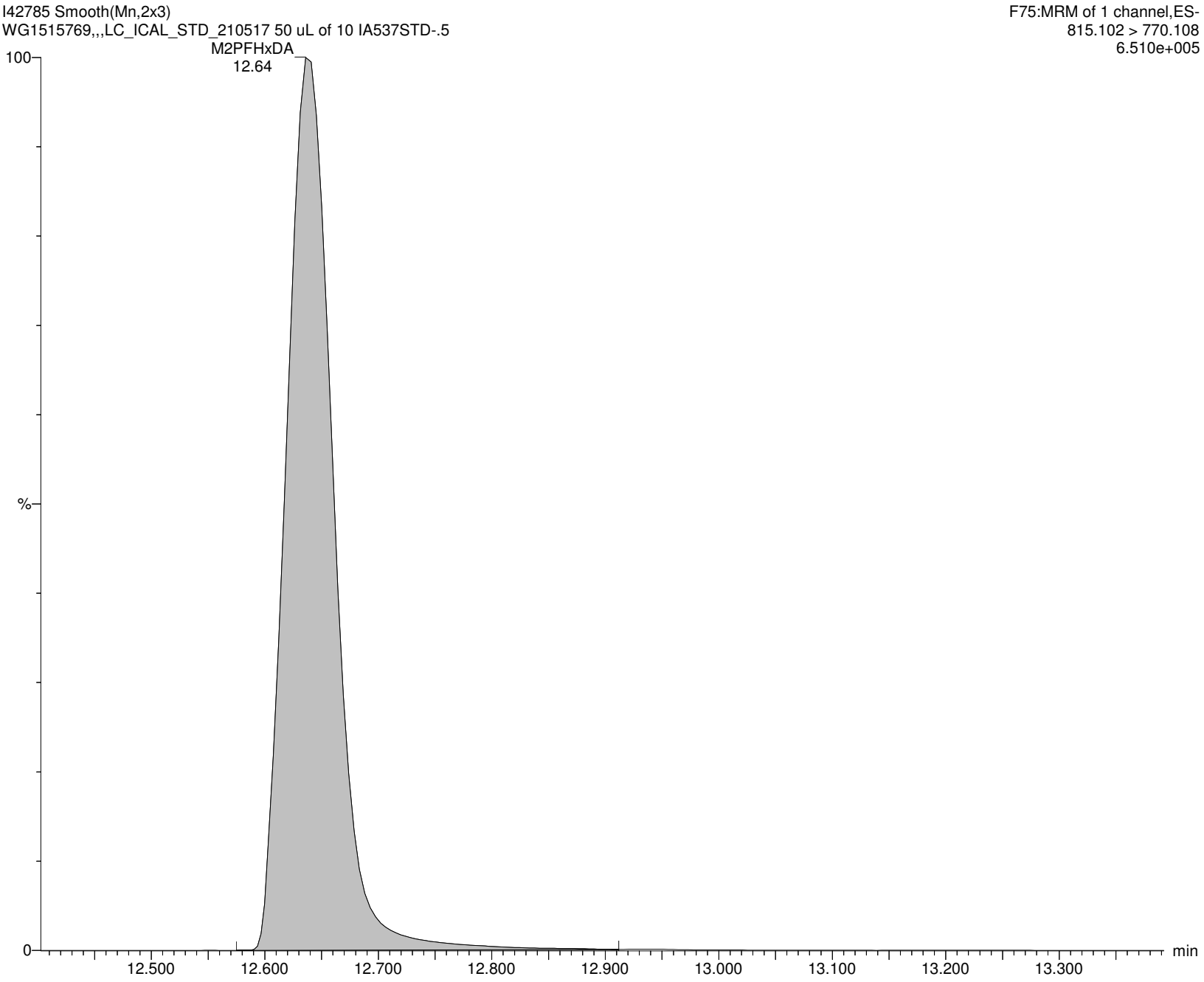


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFHxDA

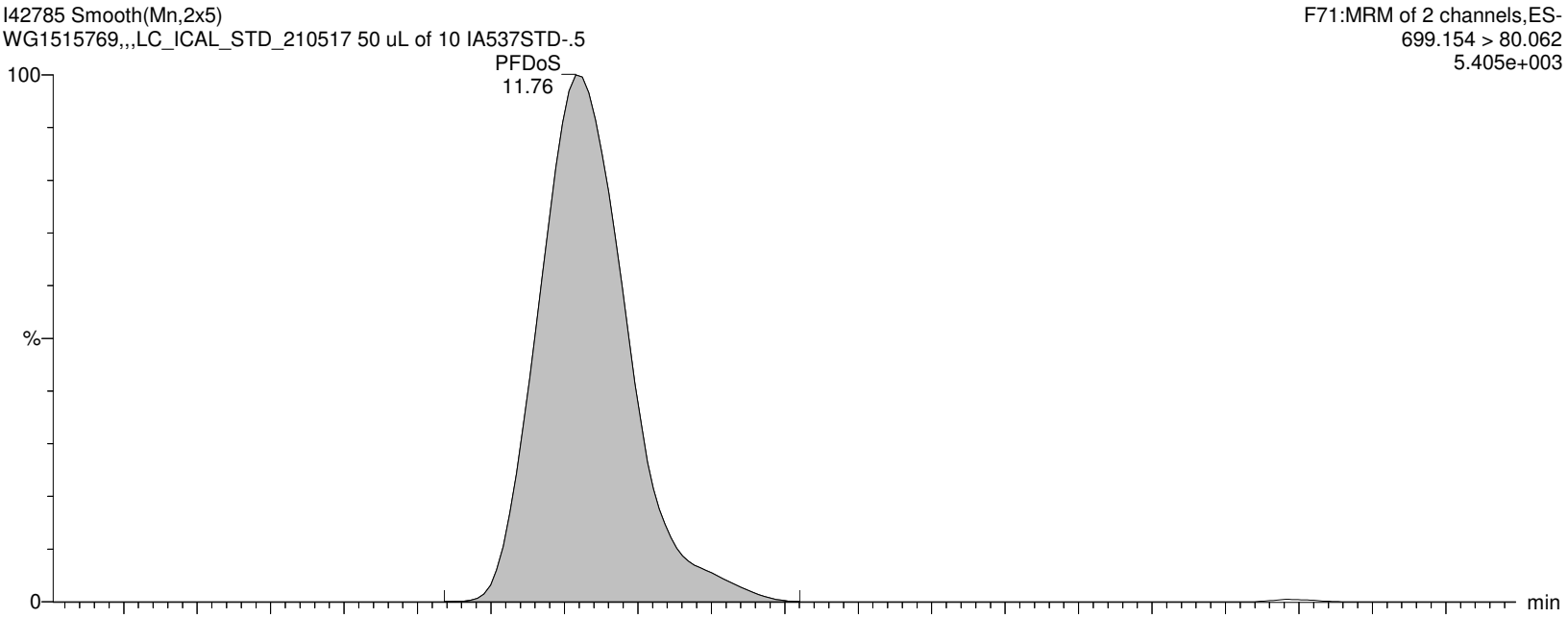


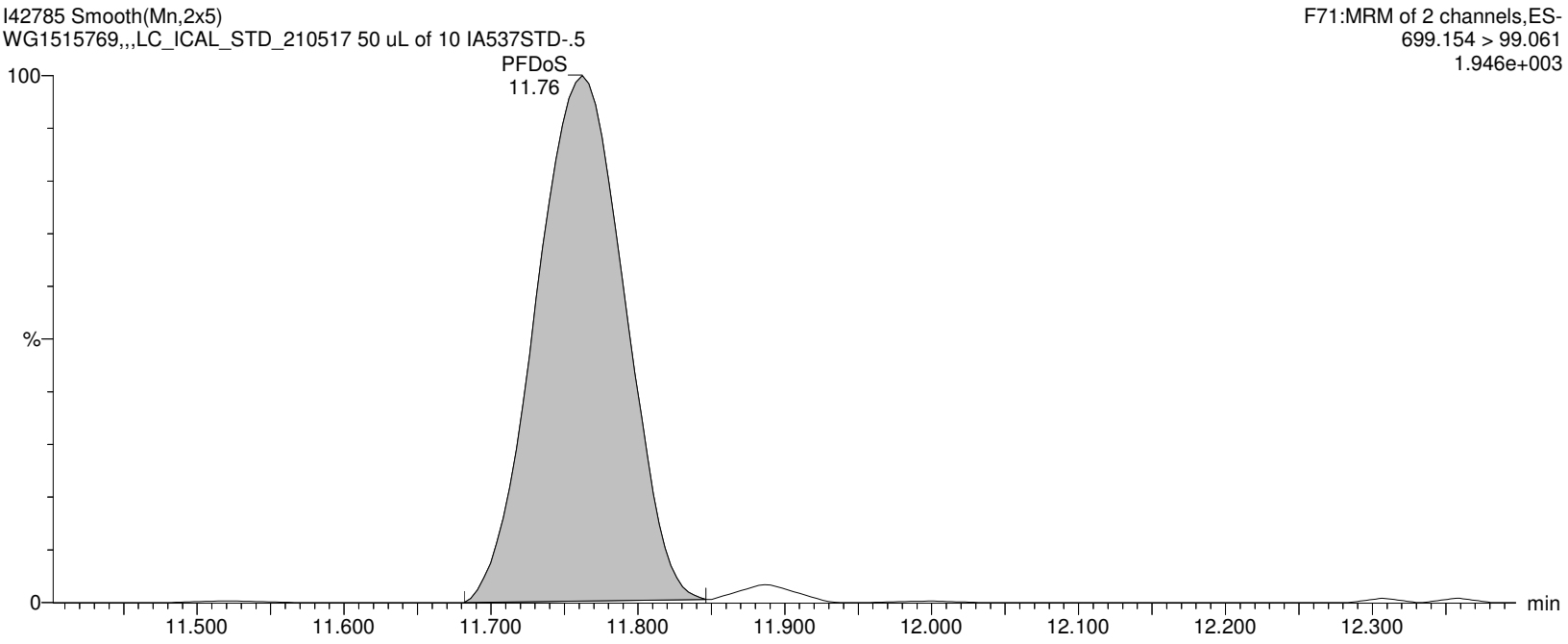
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoS



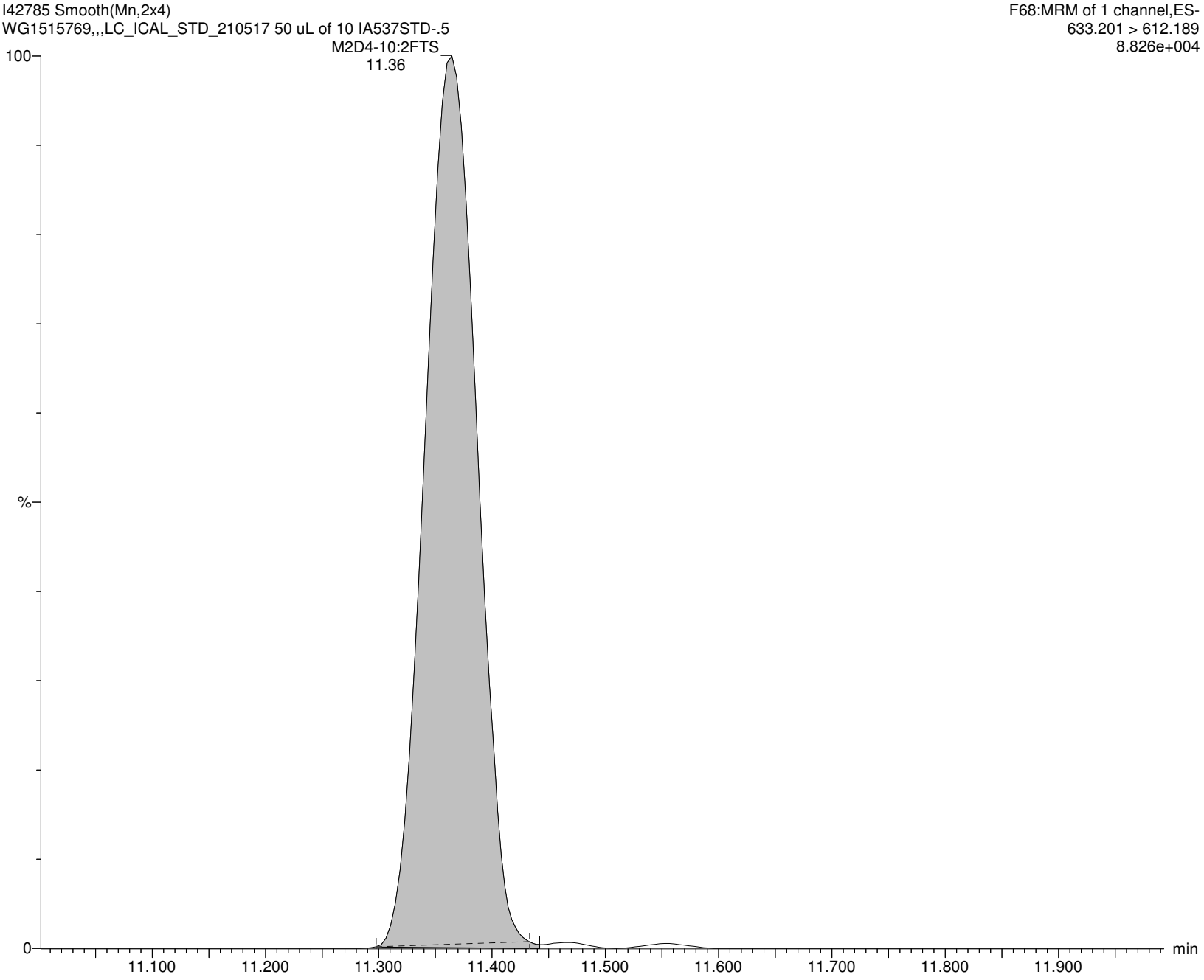


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2D4-10:2FTS

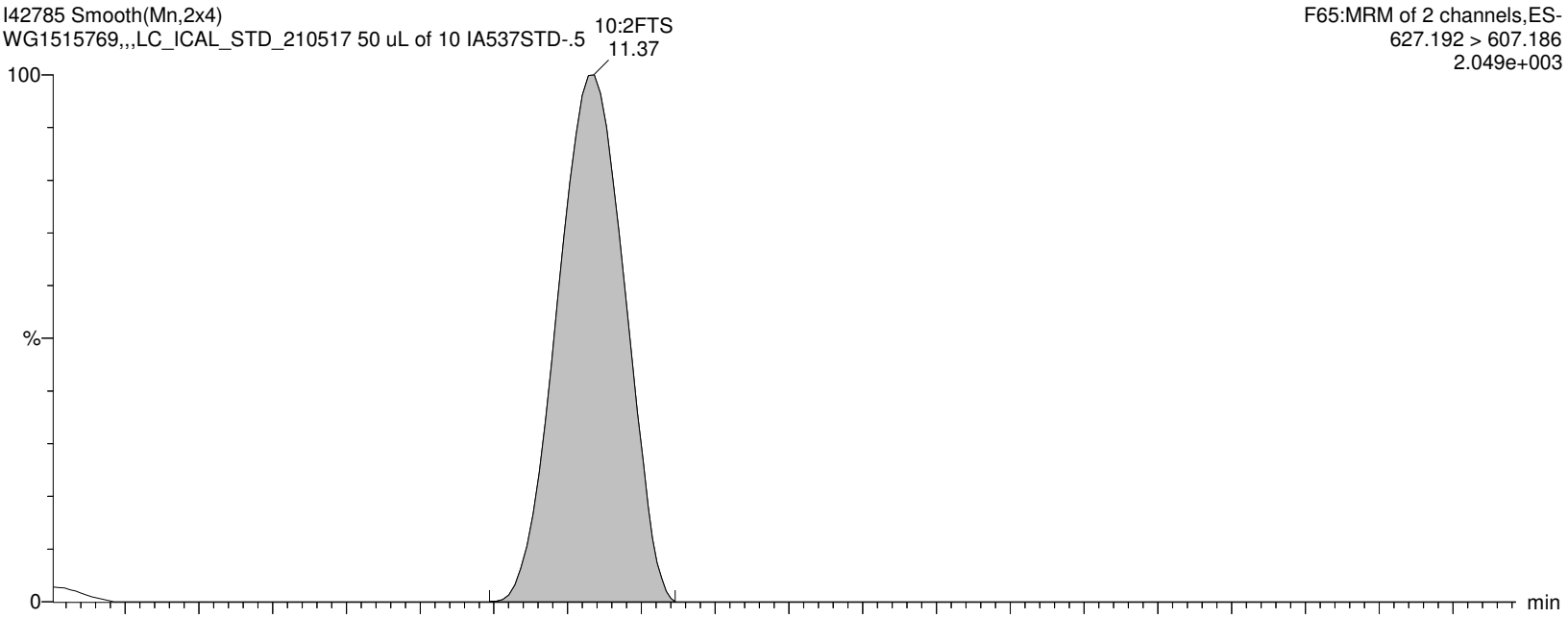


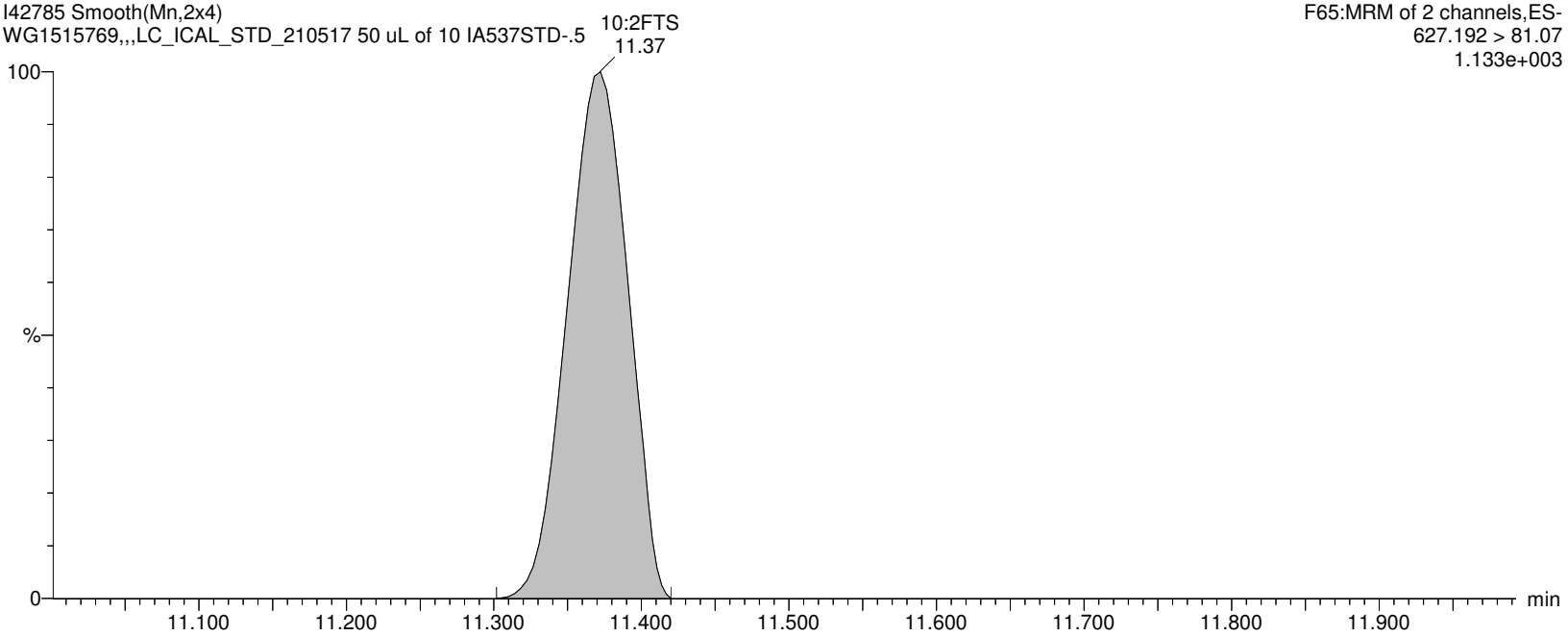
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

10:2FTS



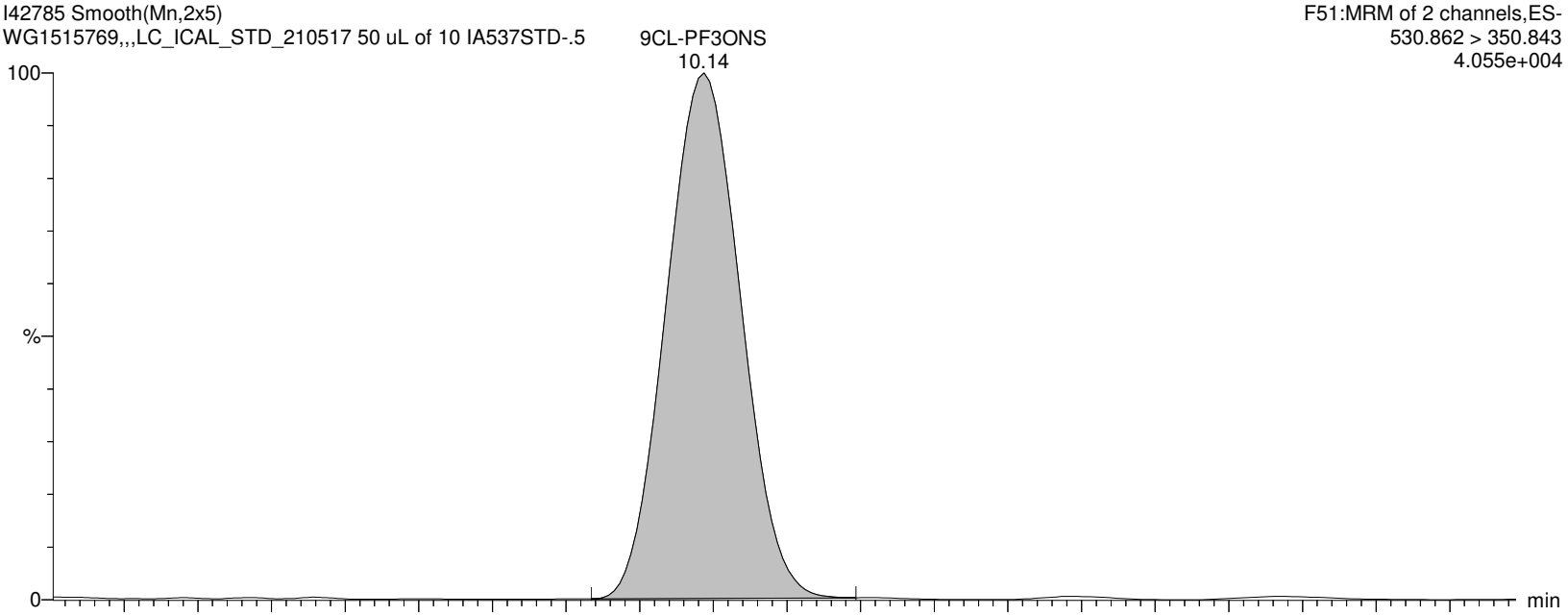


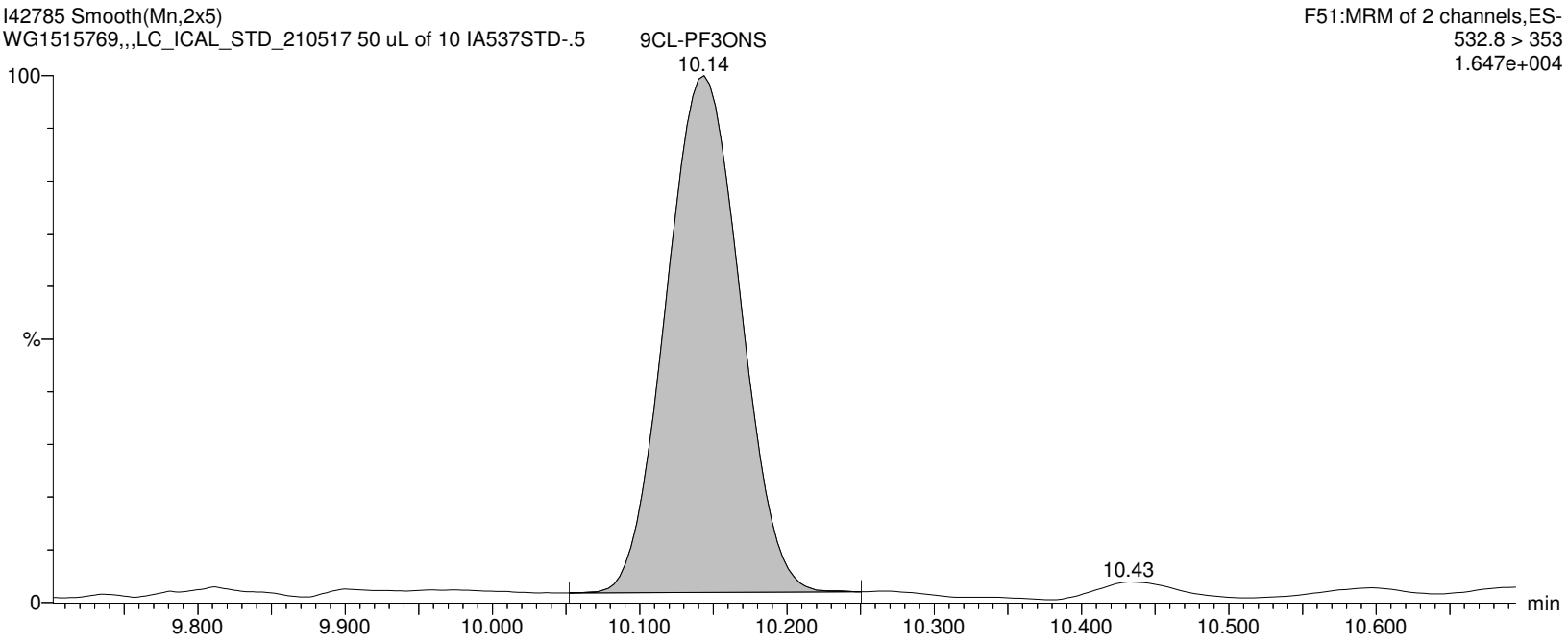
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

9CL-PF3ONS



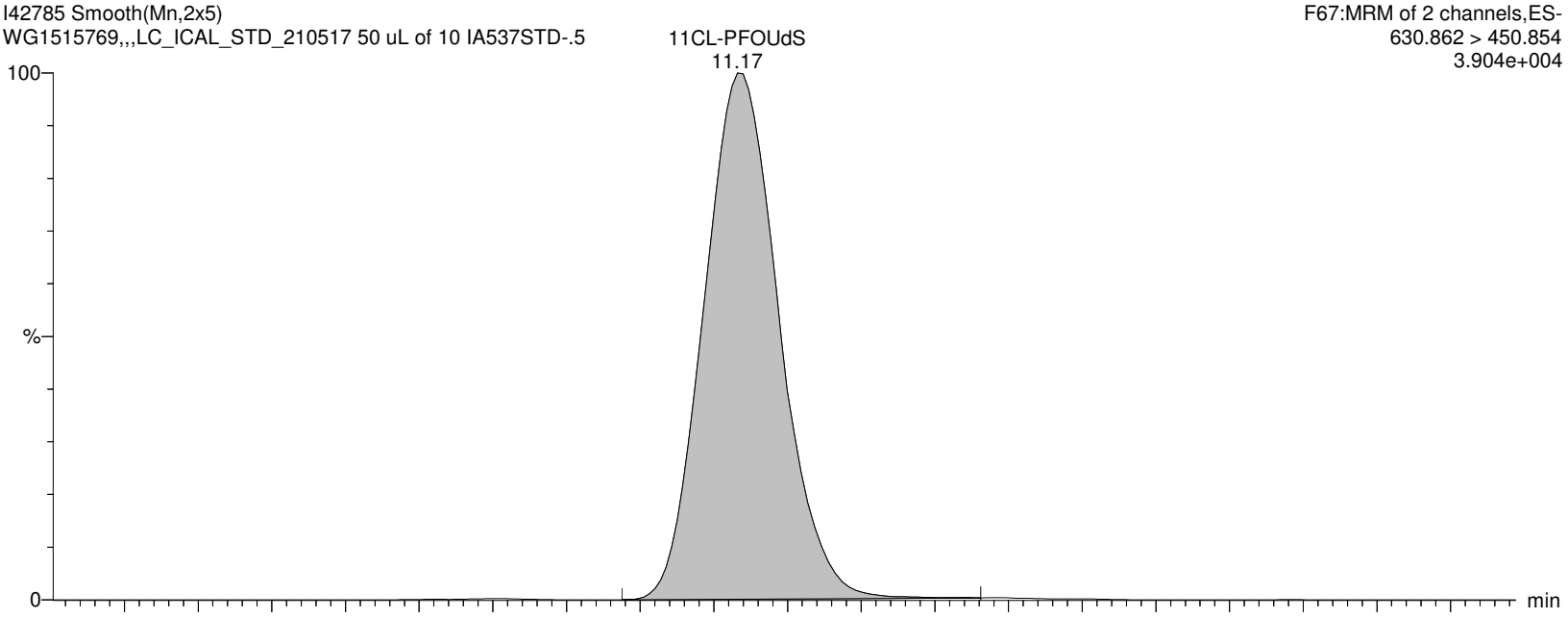


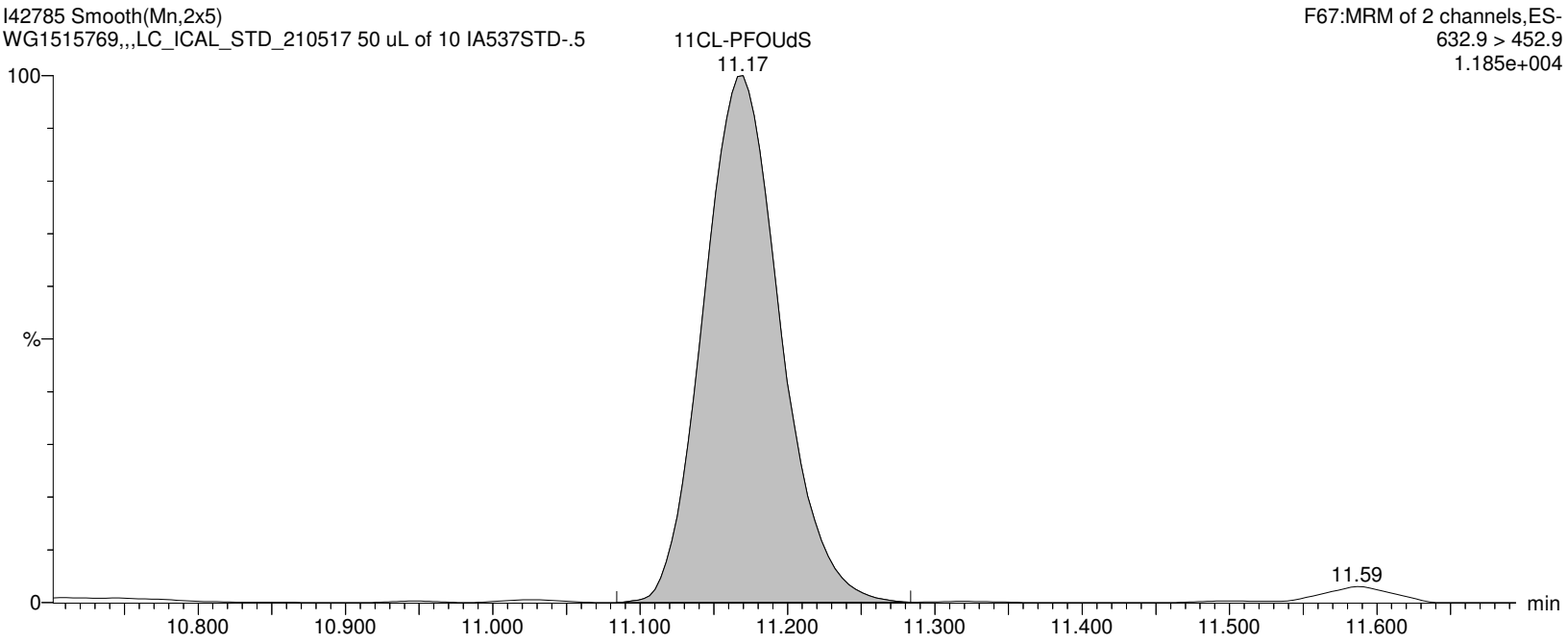
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

11CL-PFOUdS



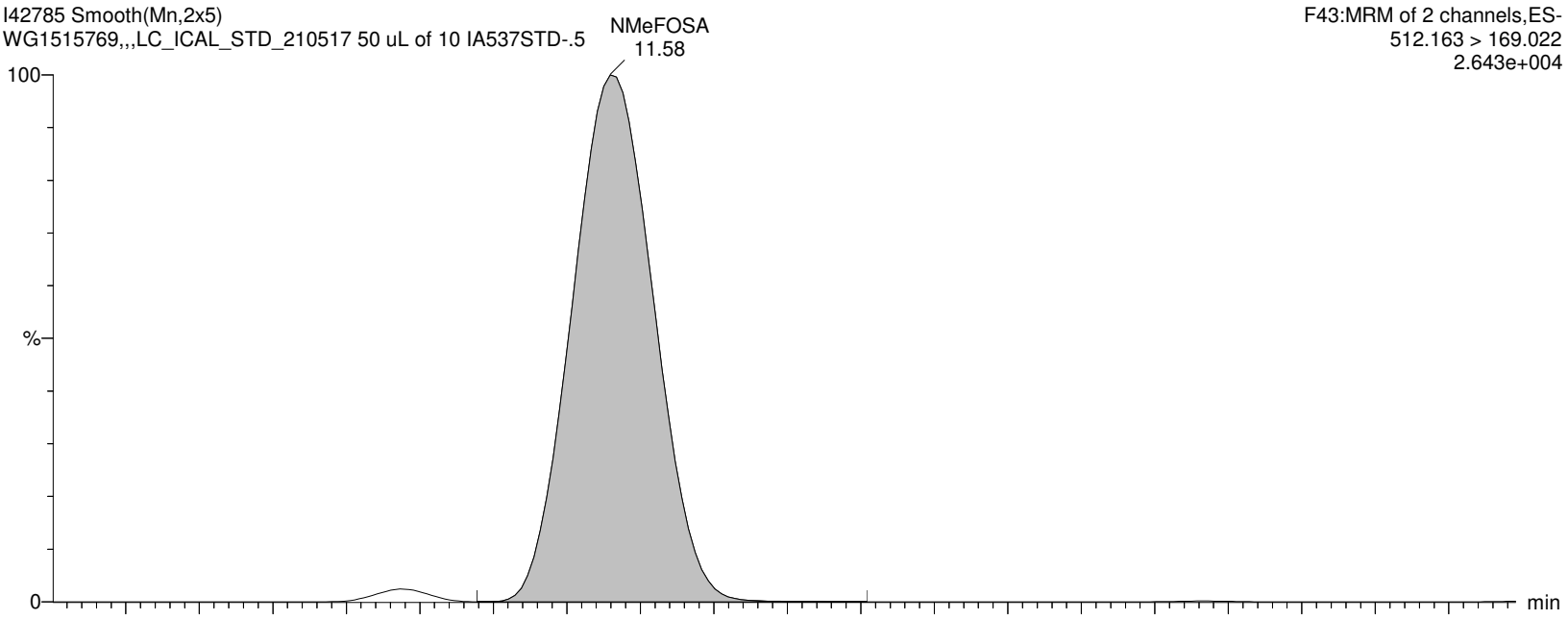


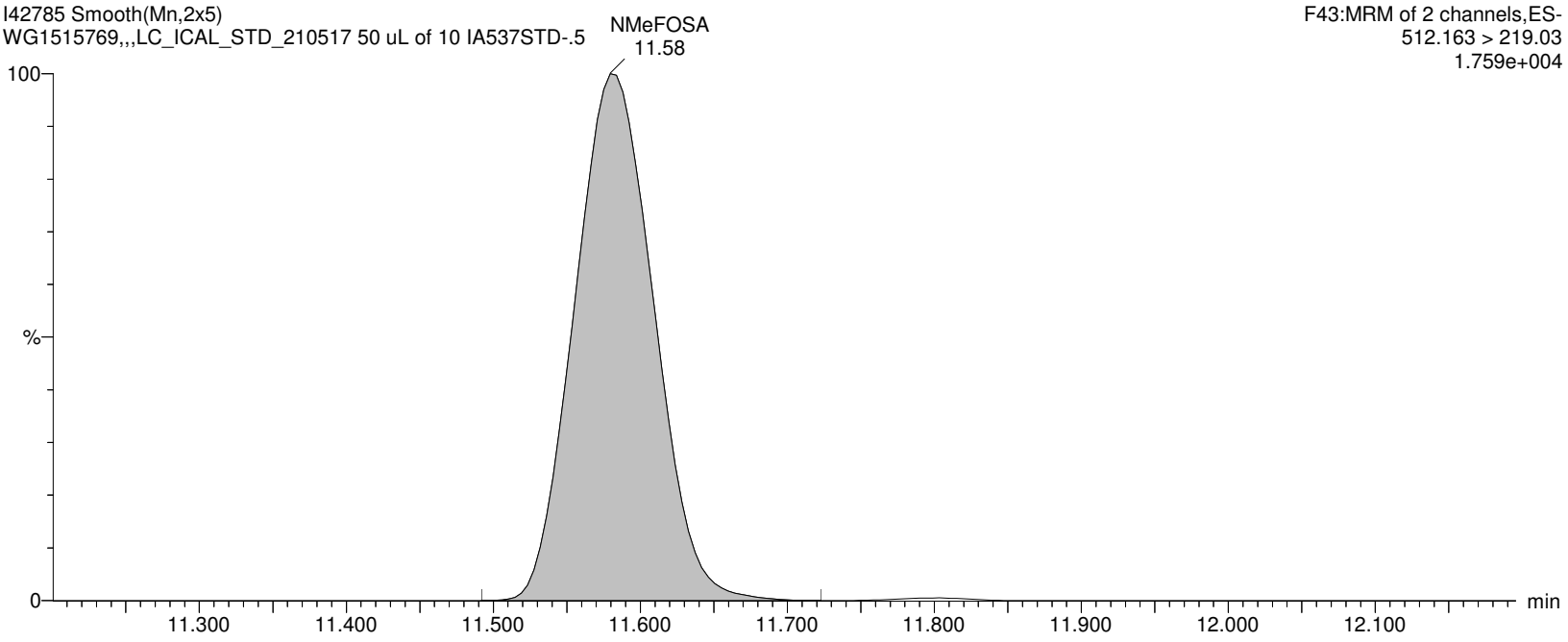
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSA



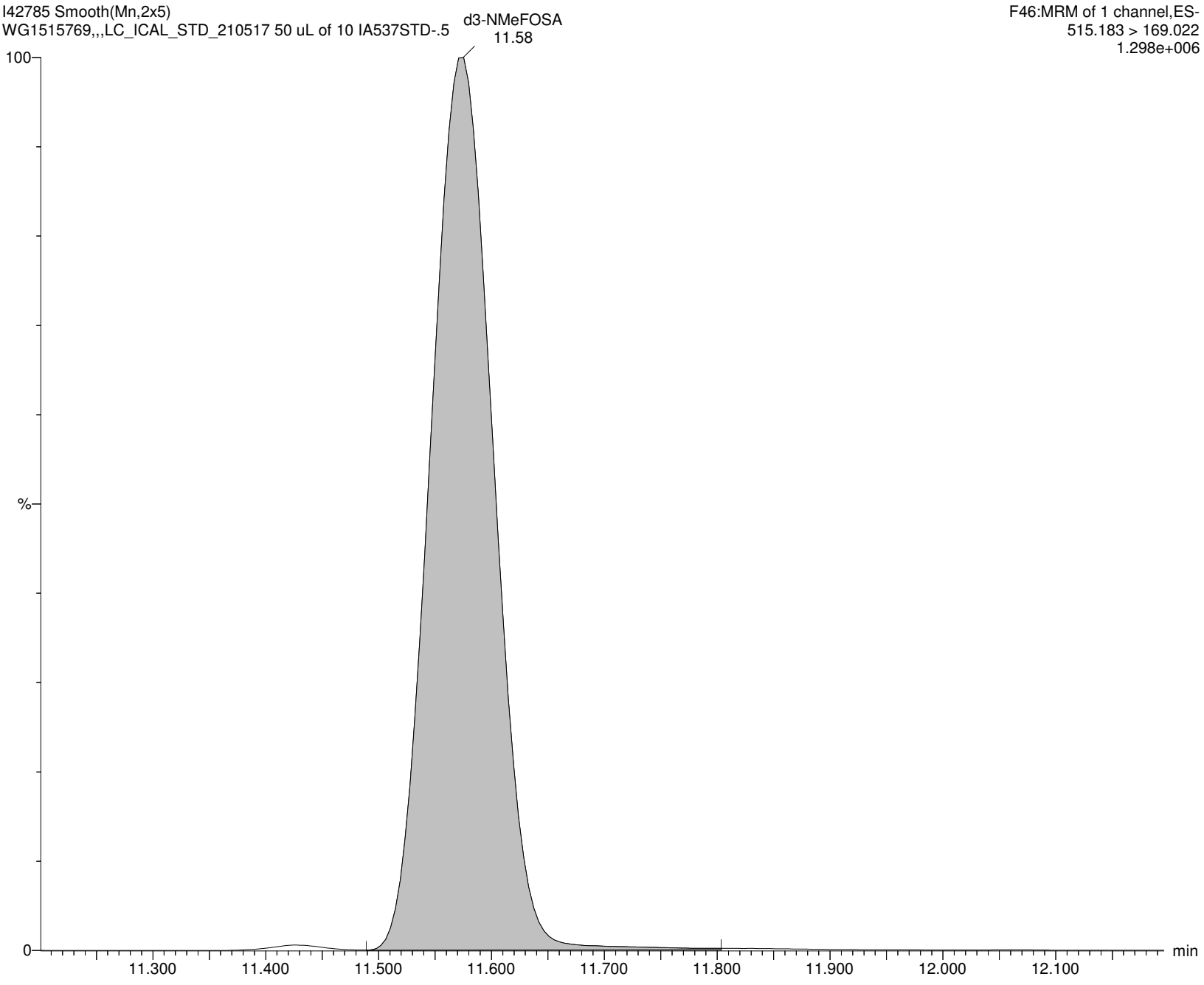


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSA

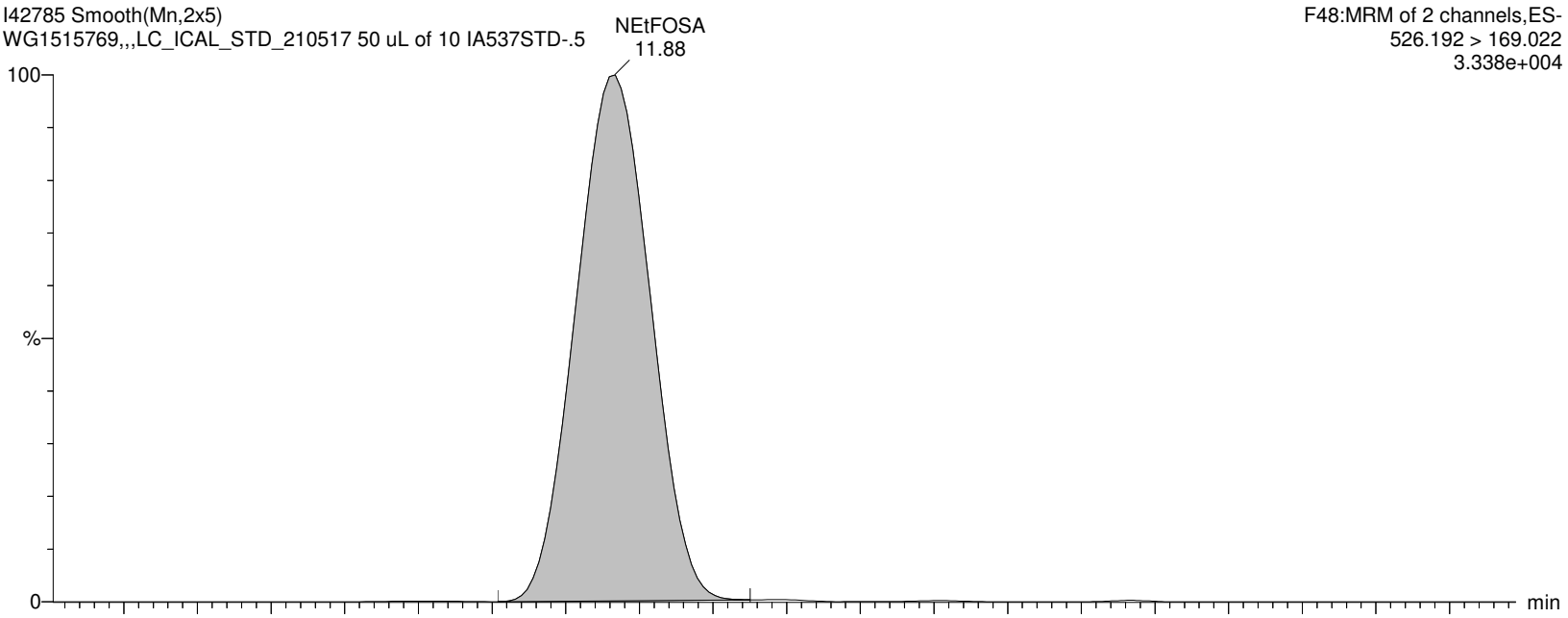


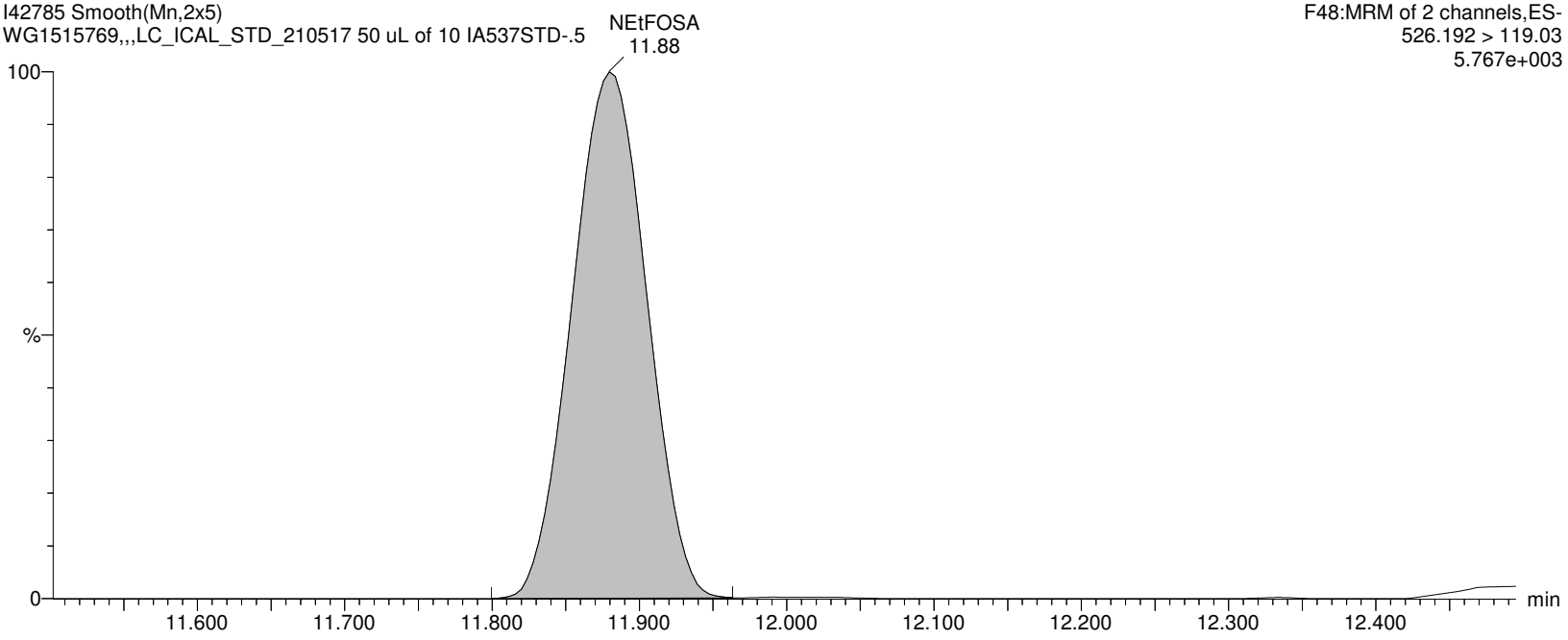
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSA



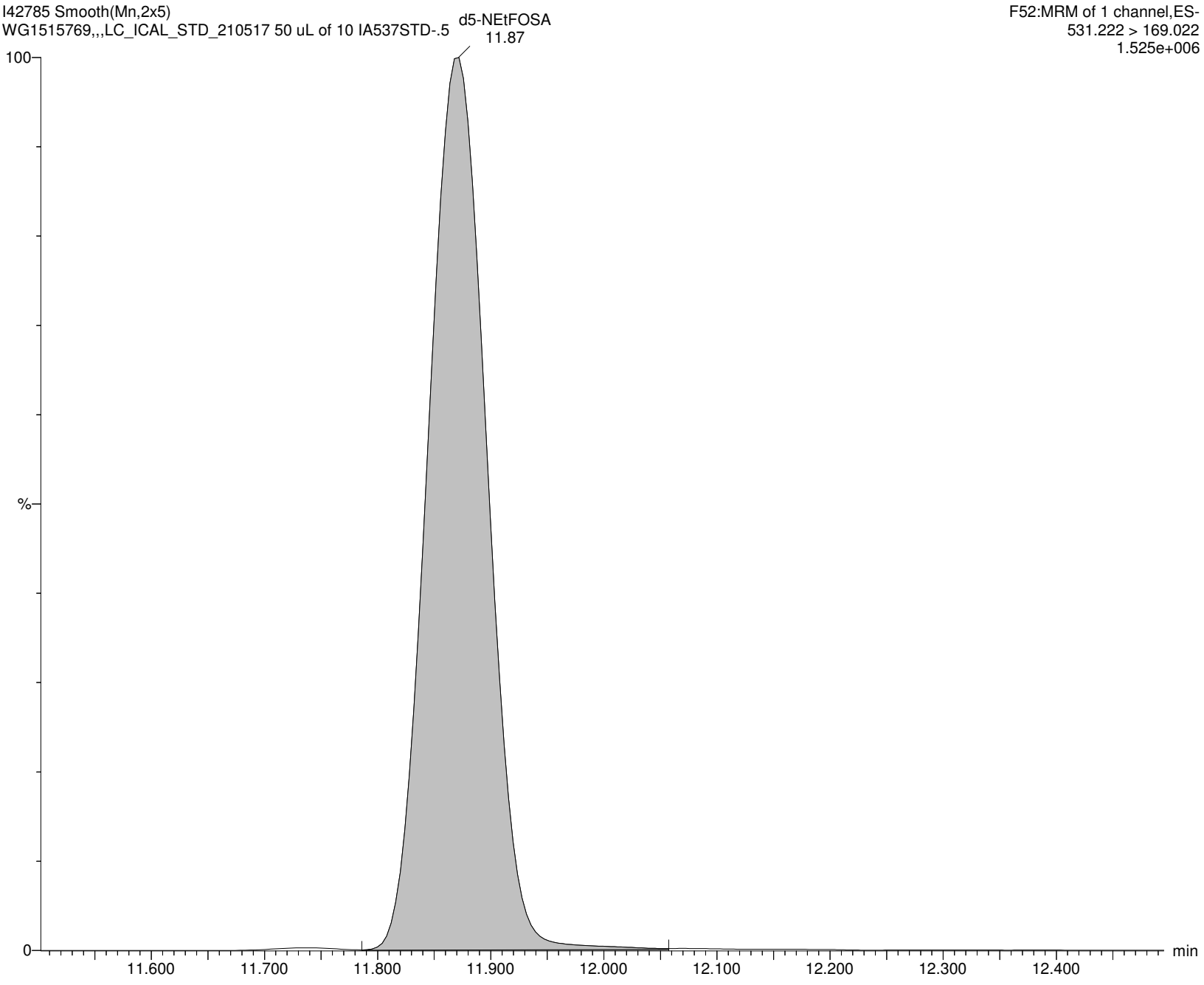


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSA

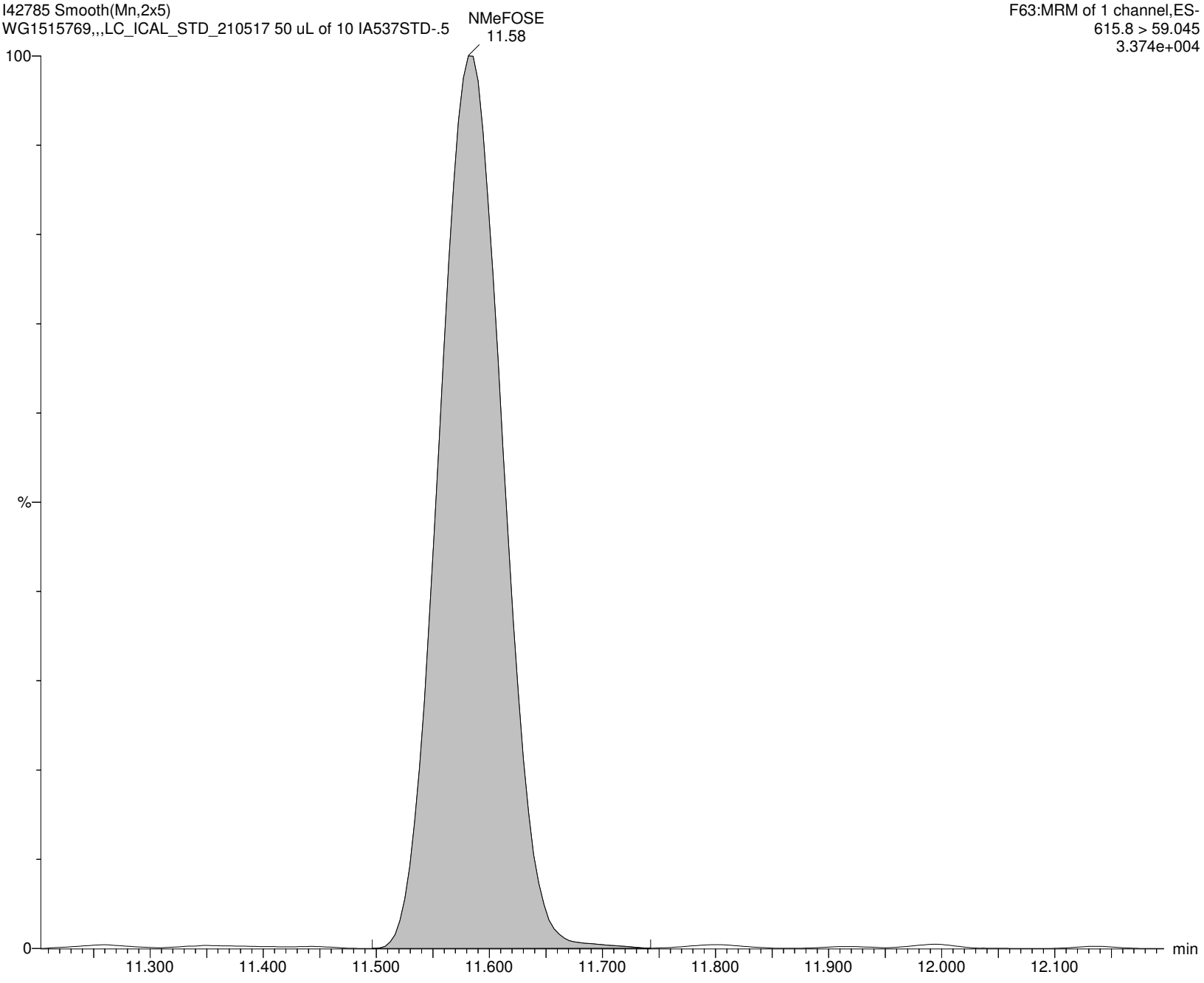


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSE

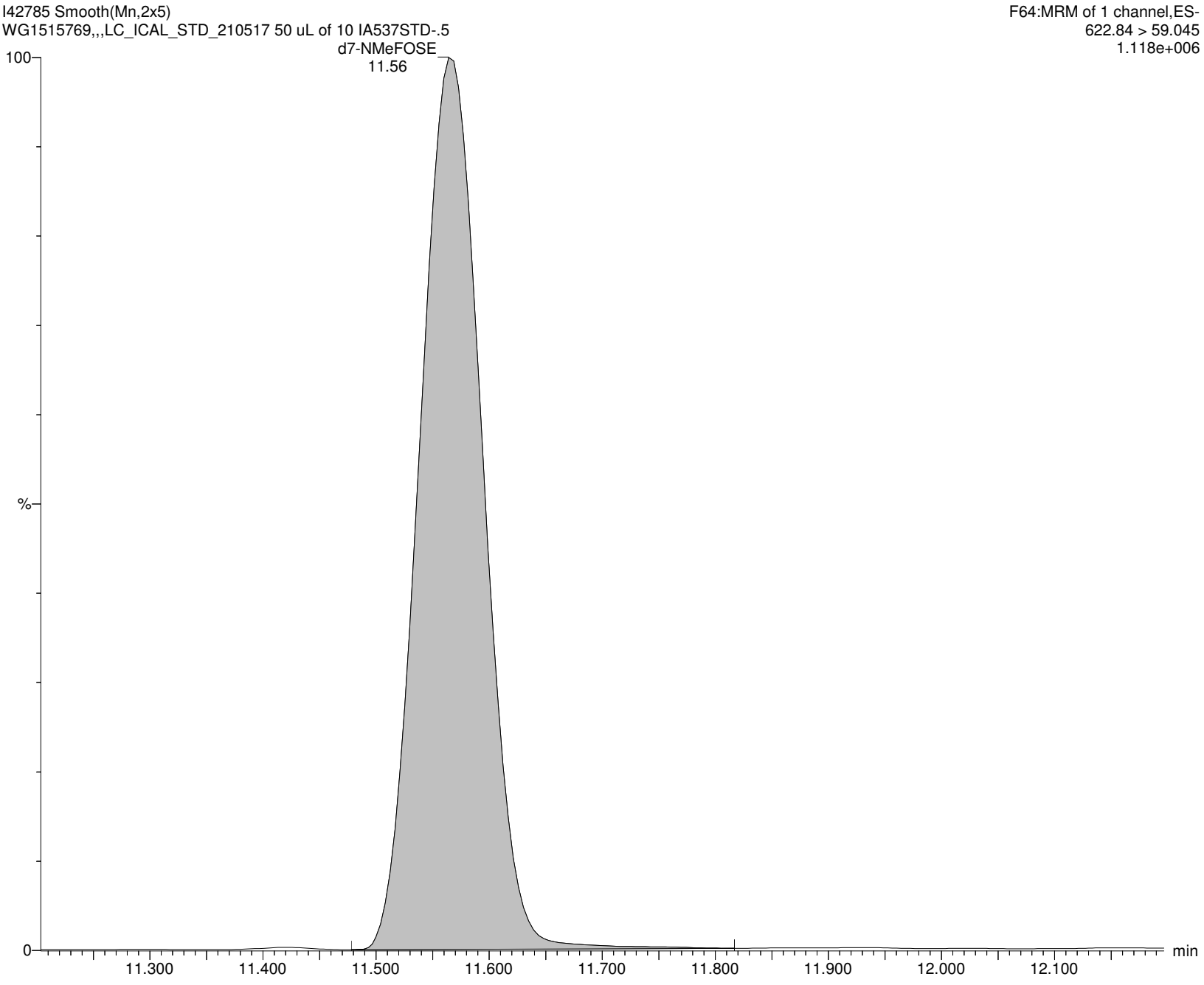


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d7-NMeFOSE

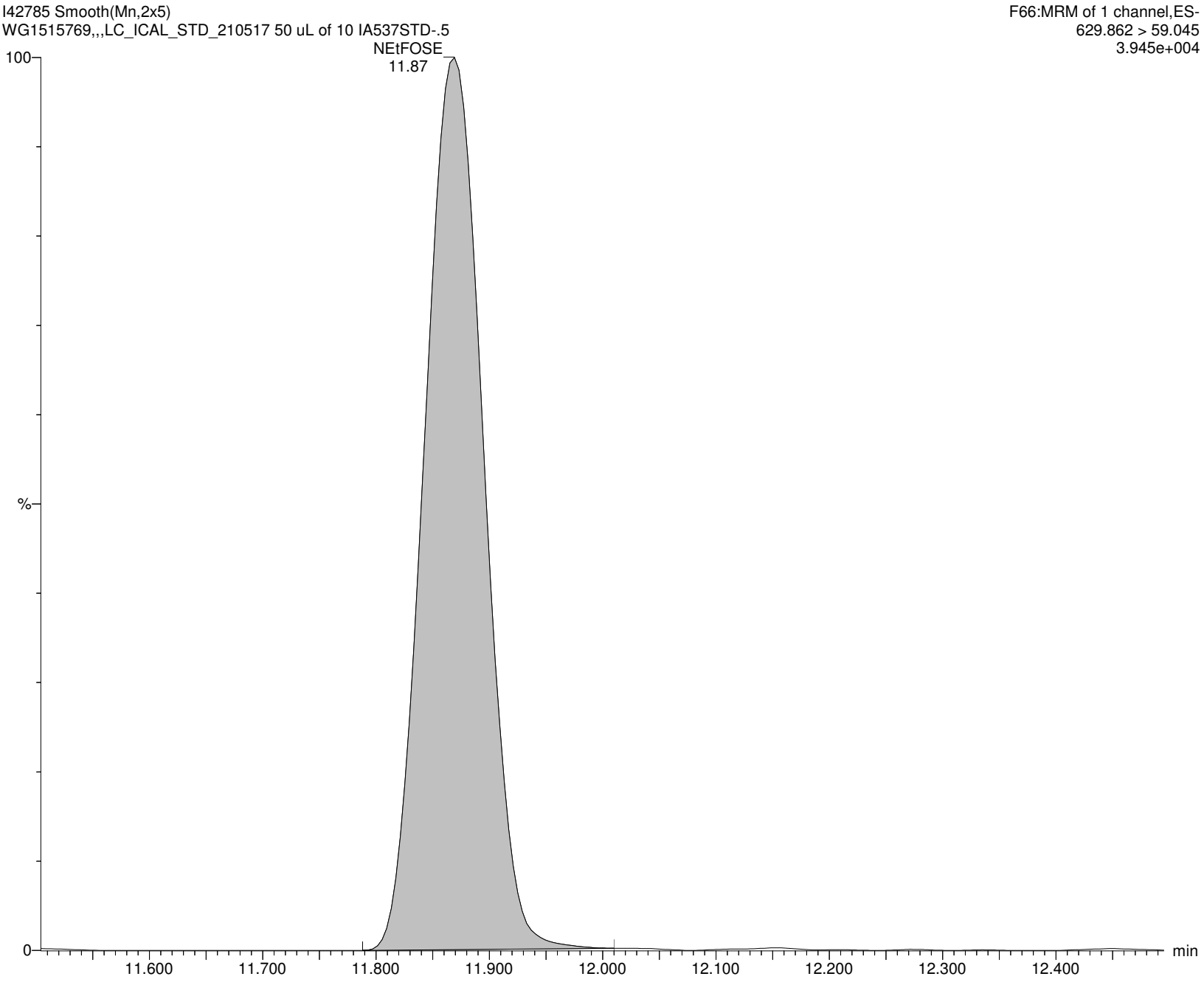


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSE

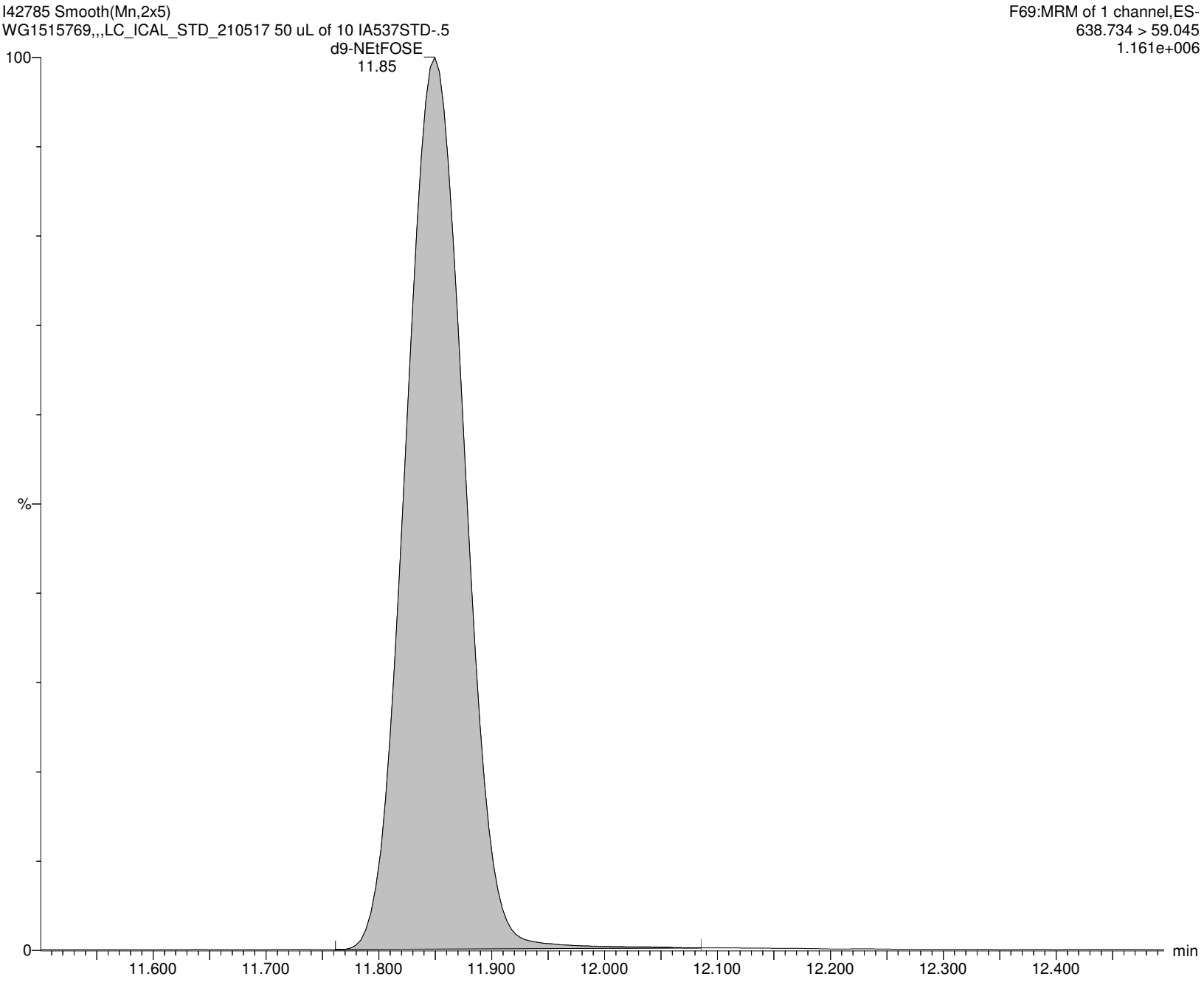


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d9-NEtFOSE

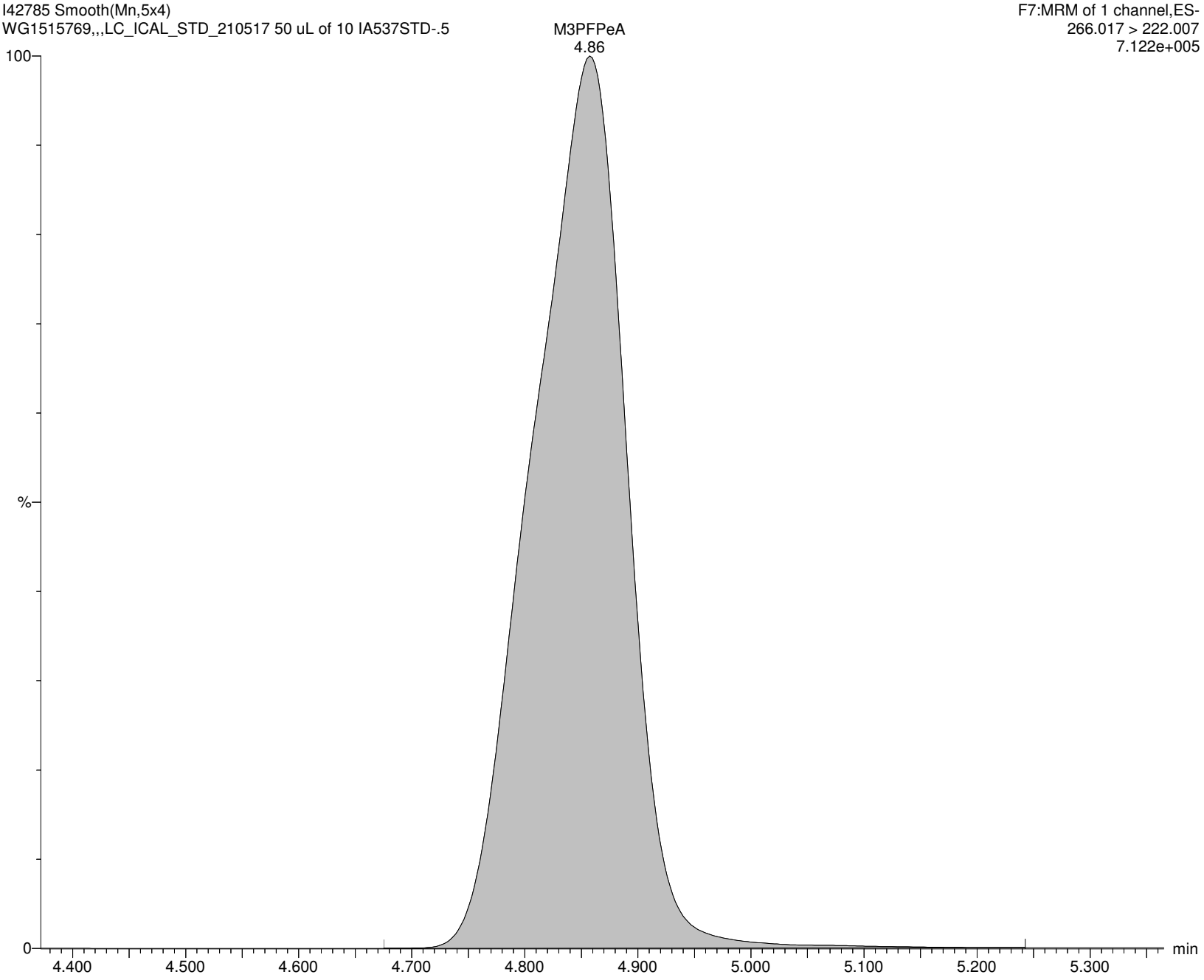


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFPeA

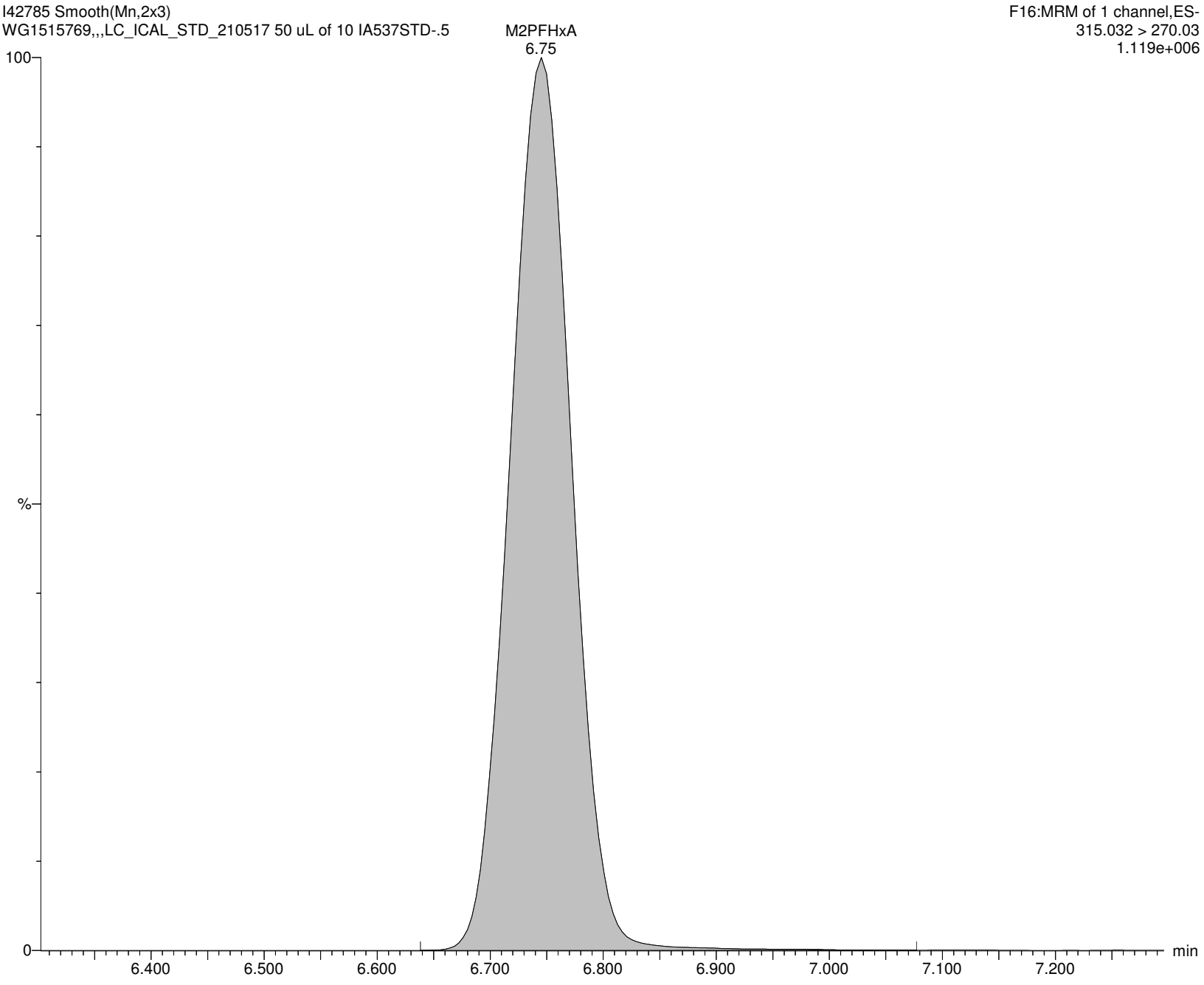


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFHxA

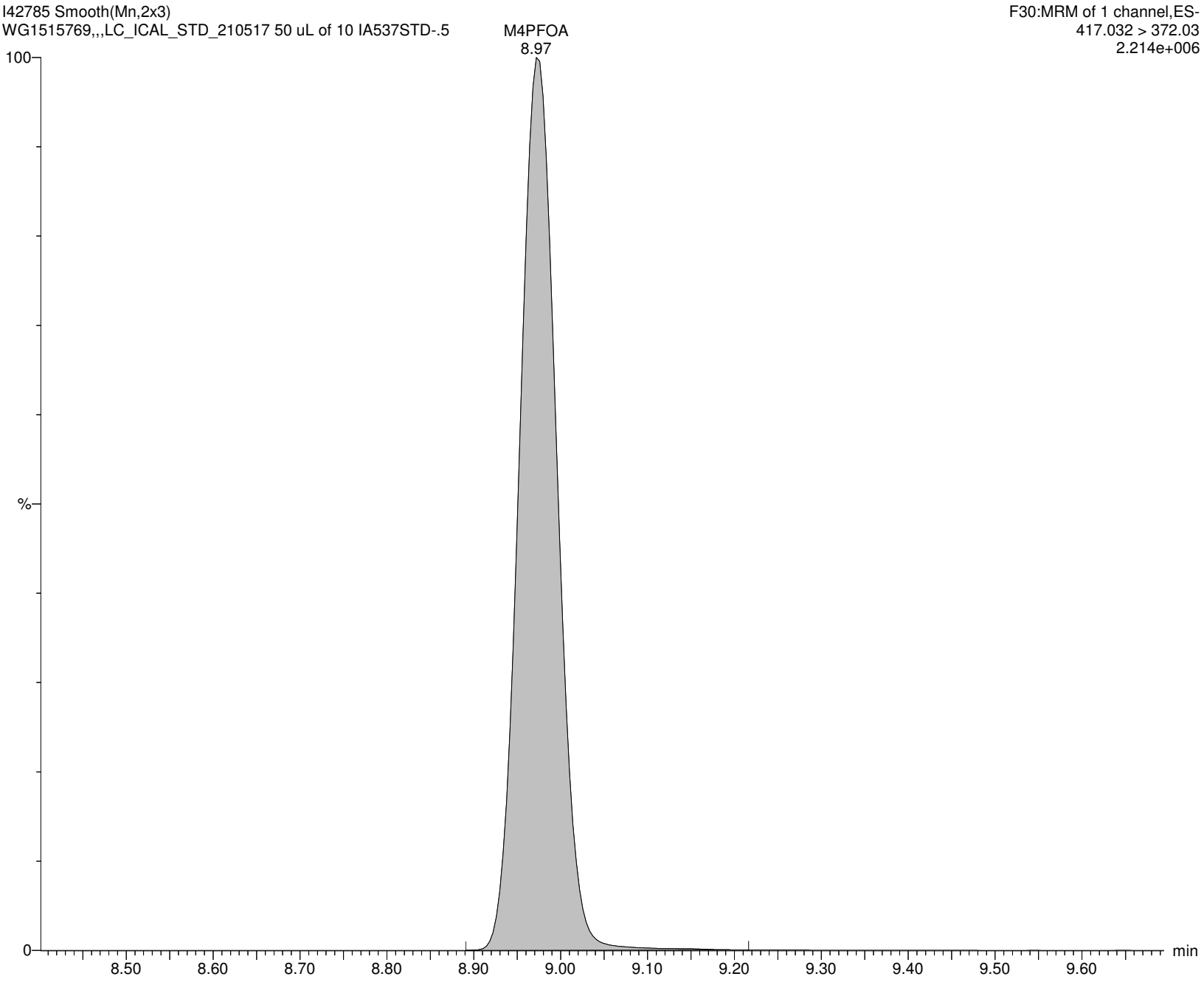


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOA

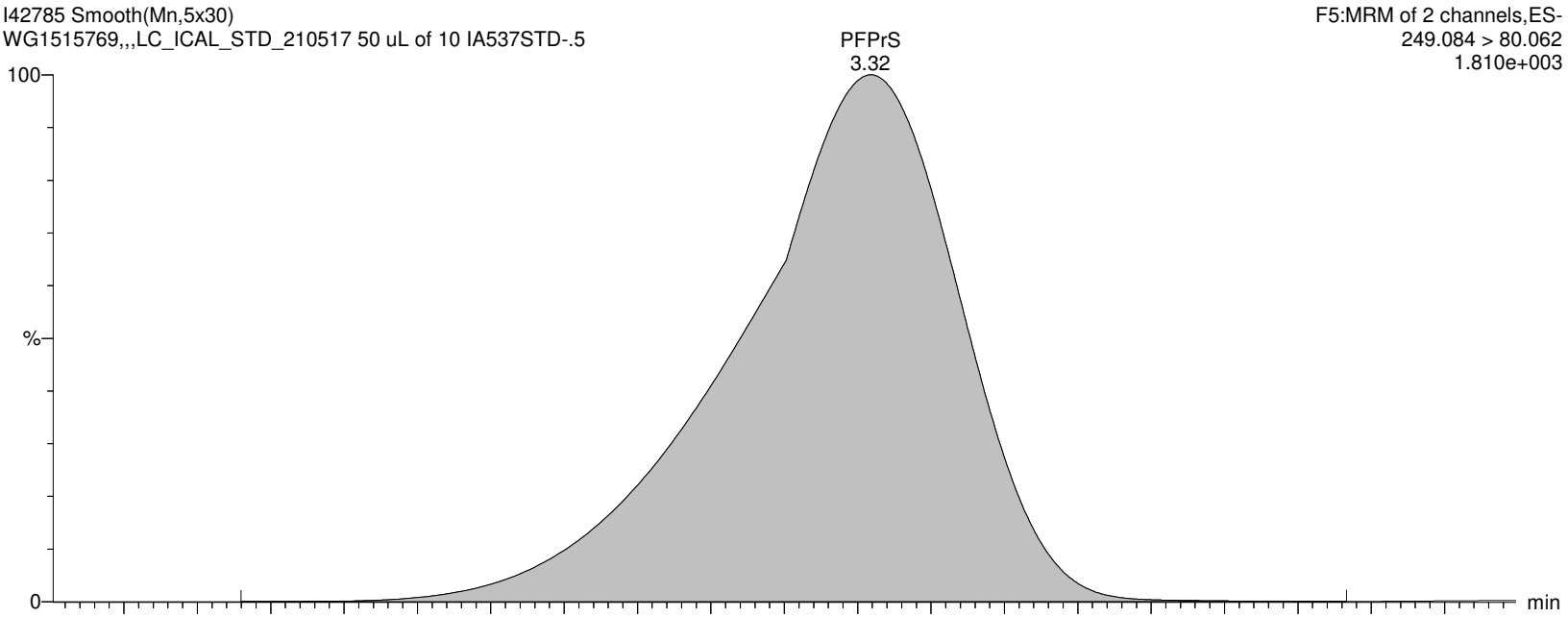


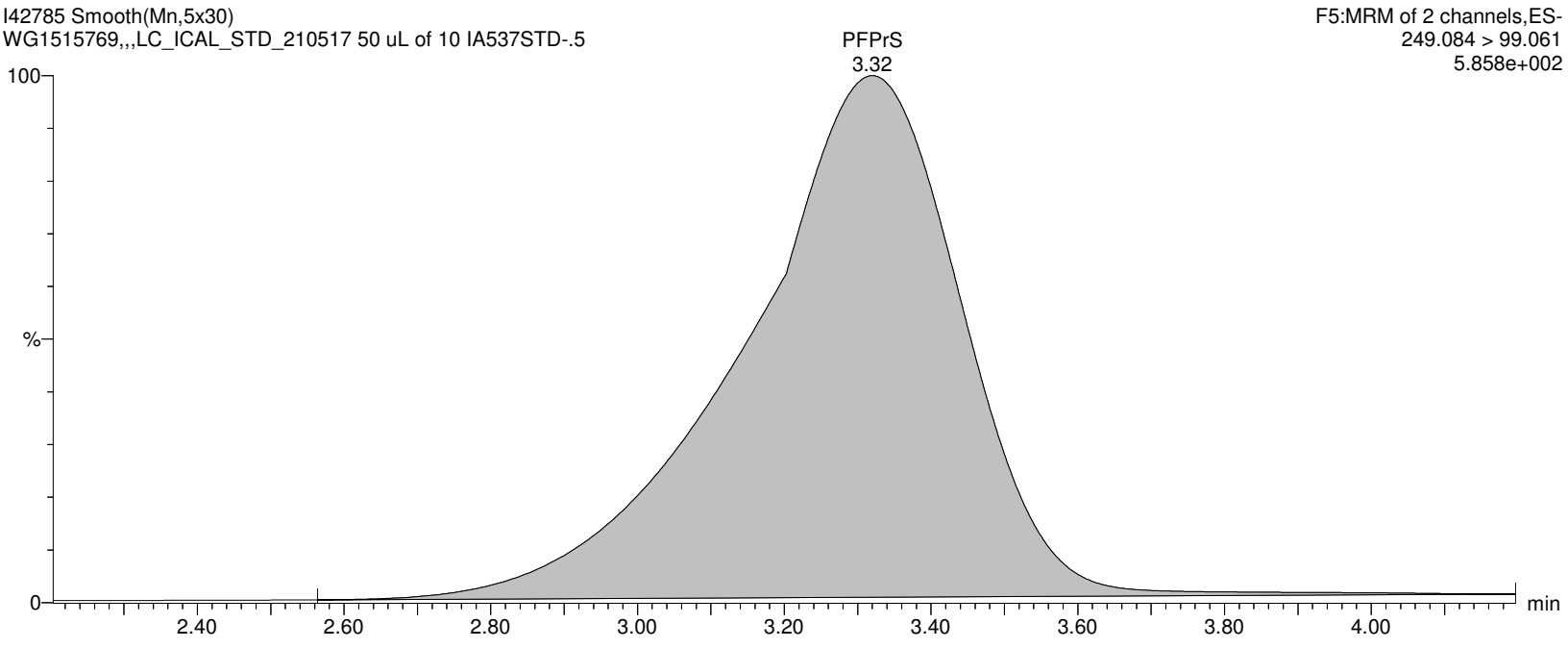
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPrS



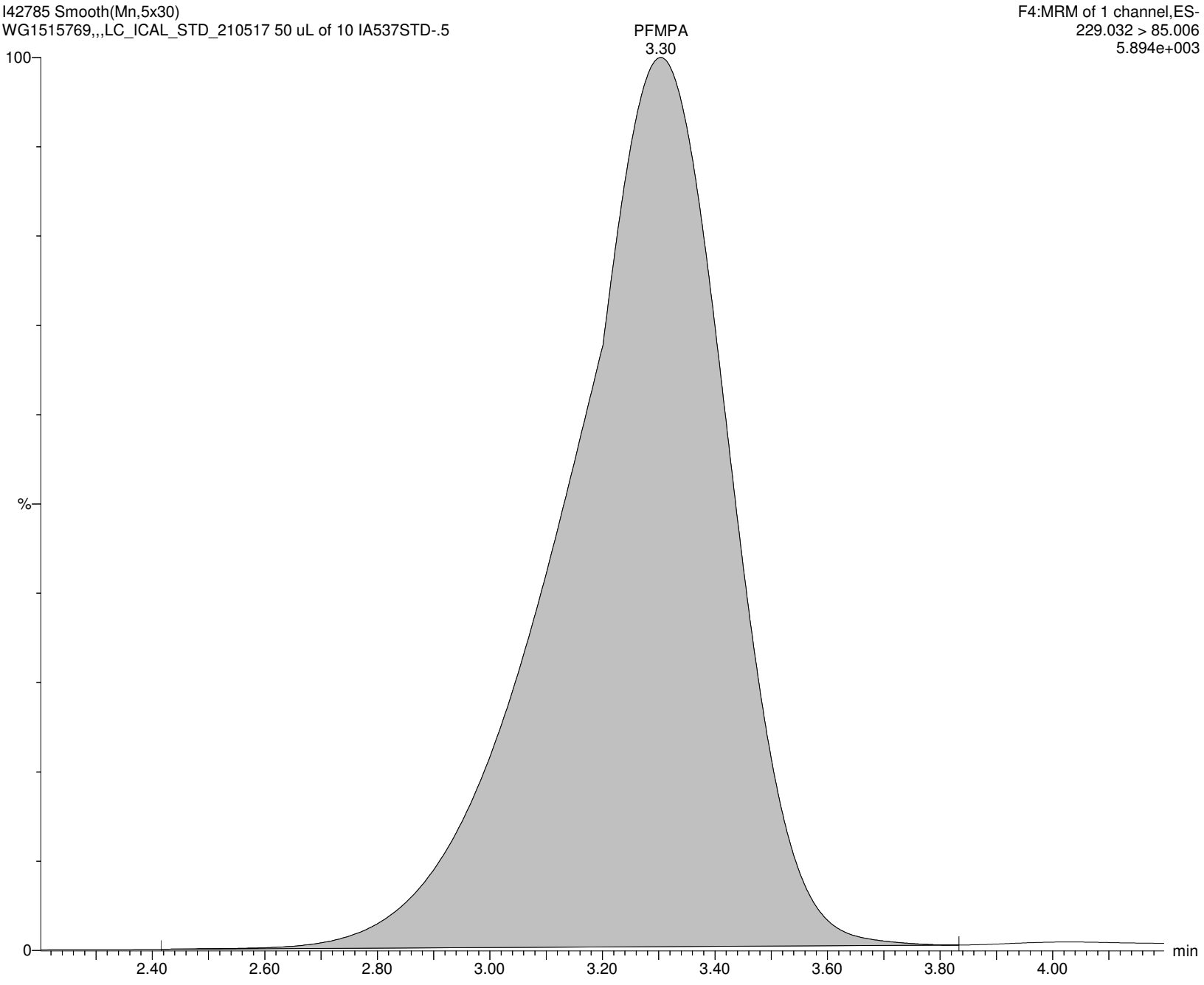


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFMPA

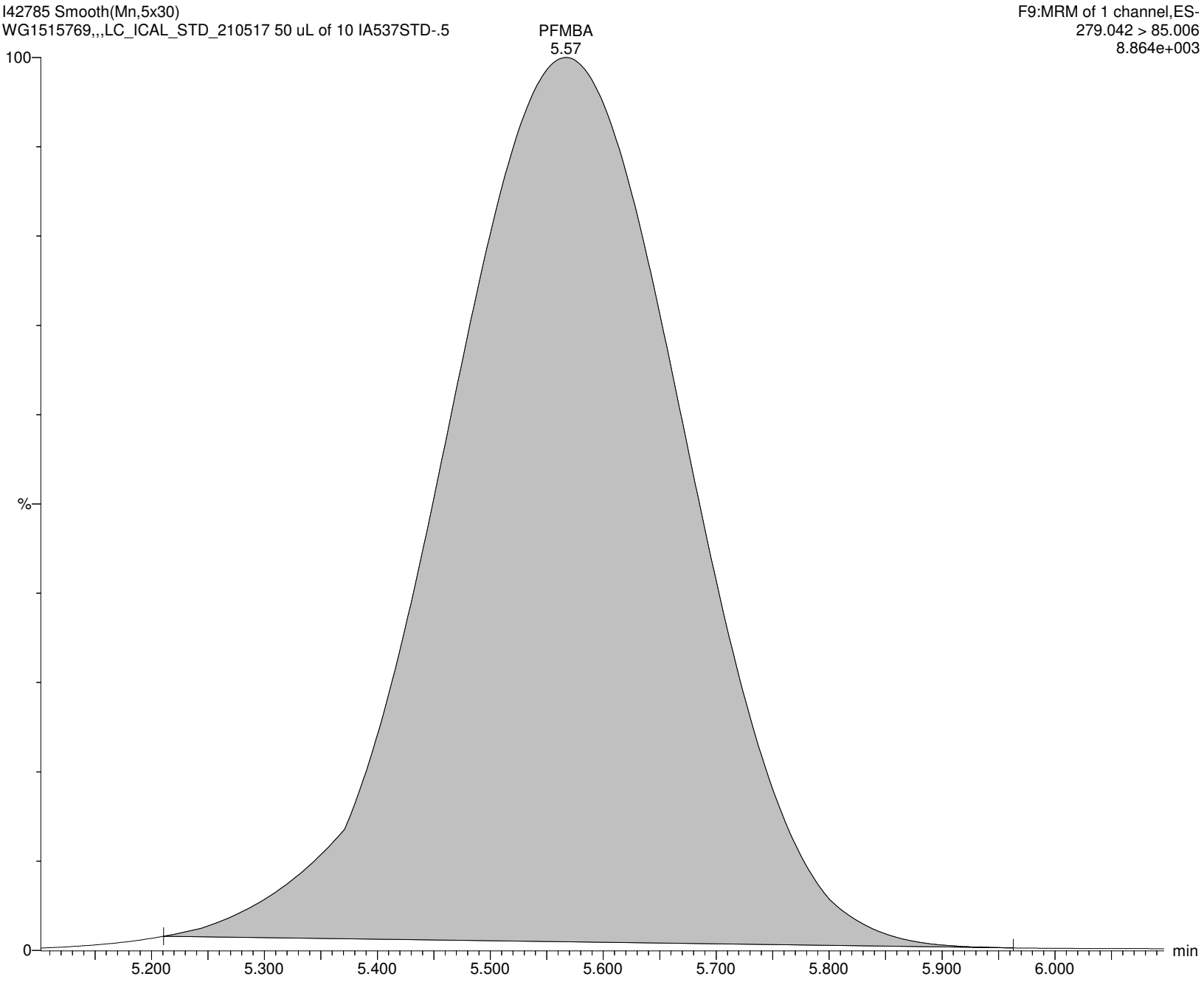


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFMBA

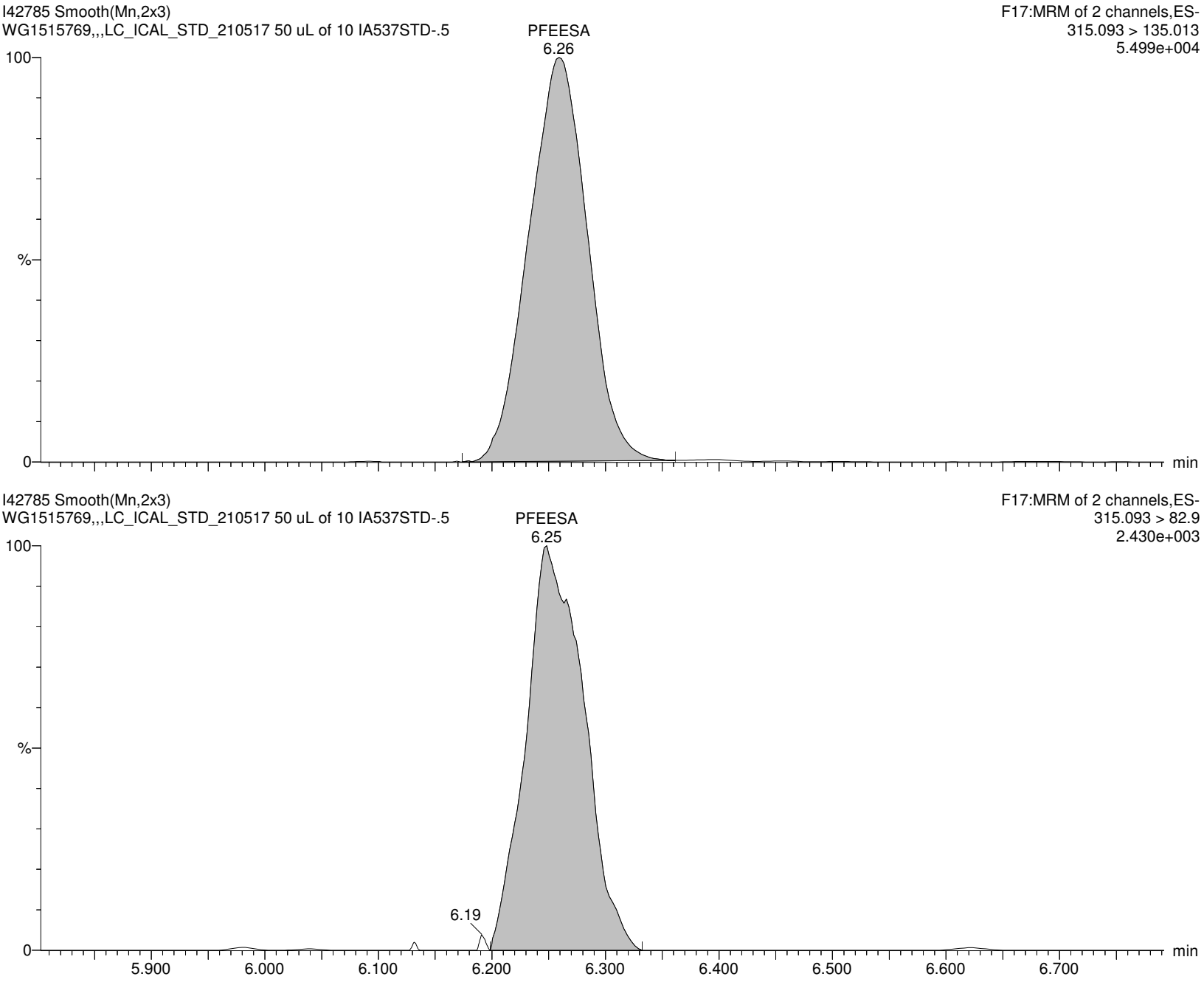


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFEESA

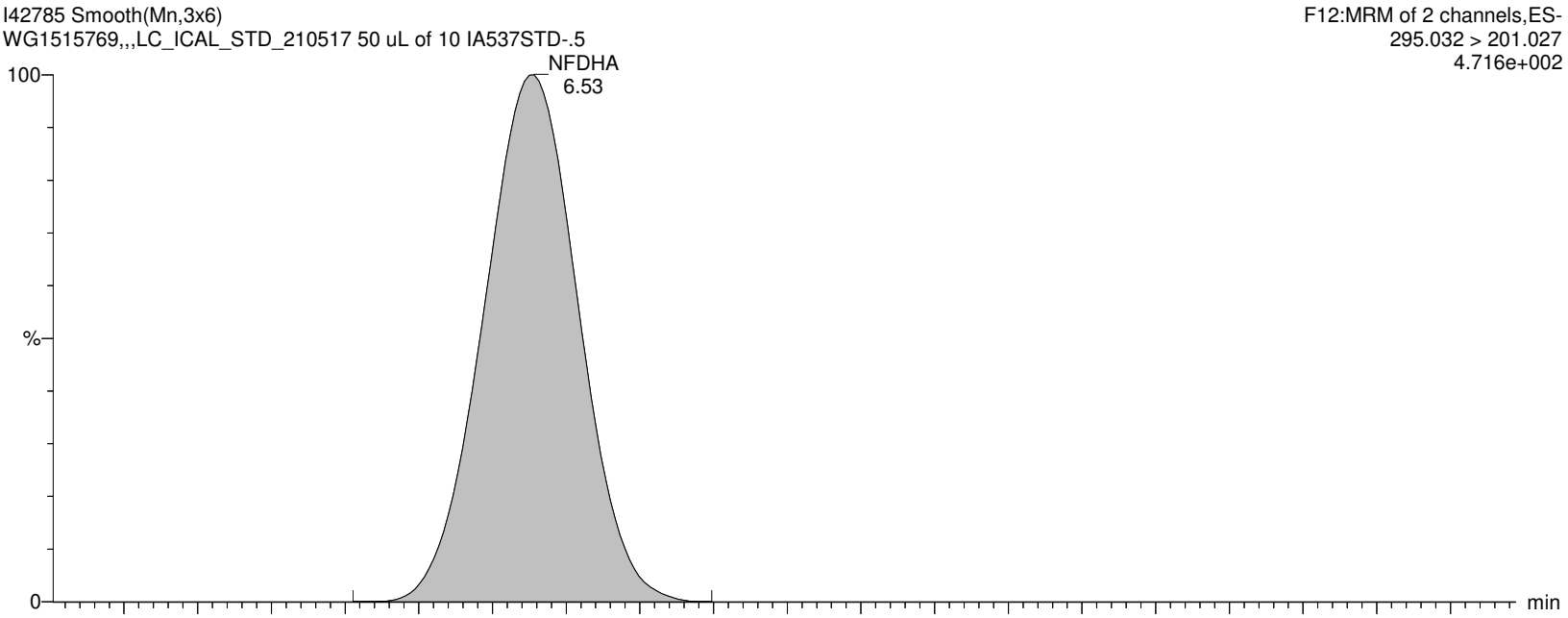


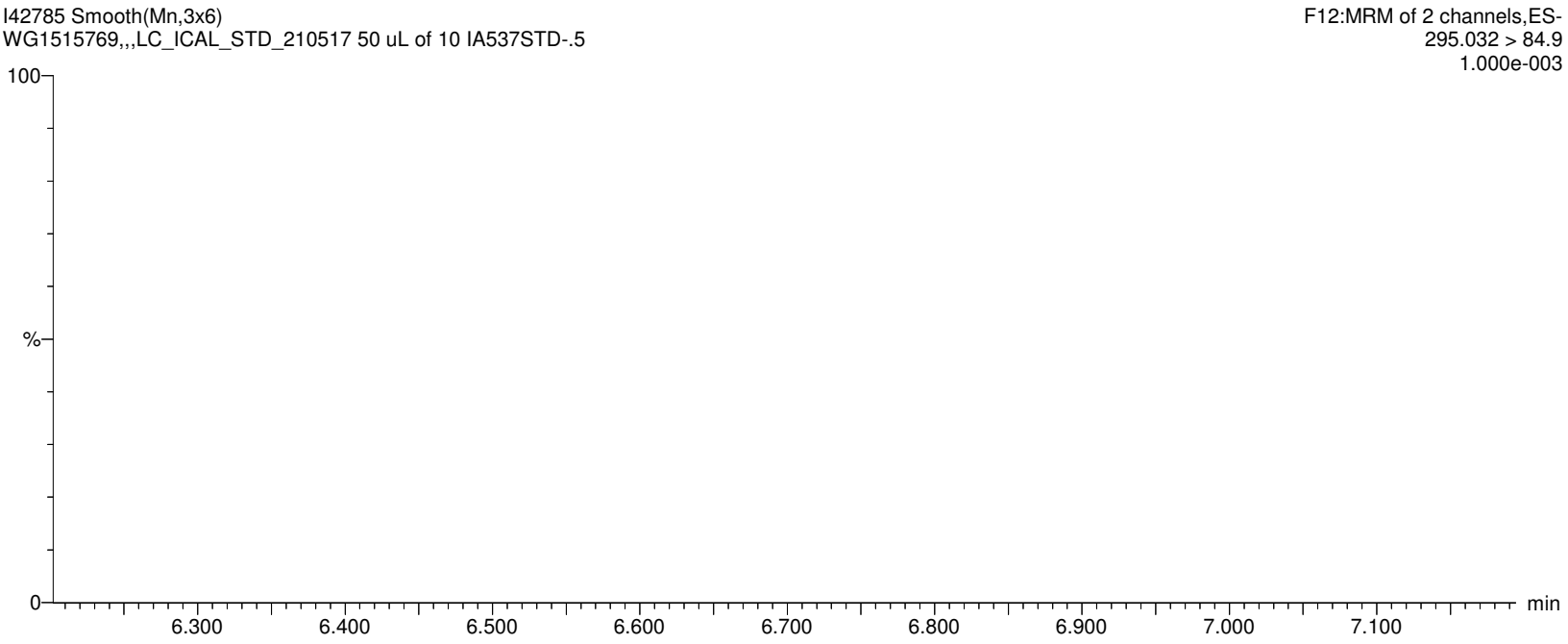
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:39 Eastern Daylight Time

Name: I42785
ID: IA537STD-.5
Date: 25-Jun-2021
Time: 18:20:24
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 10
User: LCMS02:RS
Vial: 1:C,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NFDHA





all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\MethDB\537ISO_Q_210625_TOP_RT.mdb 22 Jun 2021 09:28:25
Calibration: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

ID: IA537STD-1
Name: I42786
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	1.97	213.032 > 169.022	5203		0.974		na	97.4
2	M3PFBA	INT STD	1.96	216.009 > 171.999	55085		10.493		na	104.9
3	MPFBA	INT STD	1.97	217.001 > 171.999	60023		10.134		na	101.3
4	PFPeA	2706-90-3	4.85	263.039 > 219.03	6365		1.011		na	101.1
5	M5PFPEA	INT STD	4.85	268.001 > 222.999	66911		10.295		na	102.9
6	PFBS	375-73-5	5.52	299.092 > 80.062	1318		0.897	2.08	NO	101.3
7	M3PFBS	INT STD	5.52	302.069 > 80.062	13530		9.860		na	98.6
8	4:2FTS	757124-72-4	6.67	327.146 > 307.139	448		0.943	2.18	NO	100.8
9	M2-4:2FTS	INT STD	6.67	329.13 > 309.124	4848		8.818		na	88.2
10	PFHxA	307-24-4	6.74	313.047 > 269.037	8368		1.099	15.07	NO	109.9
11	M5PFHxA	INT STD	6.74	318.009 > 273.007	71767		9.927		na	99.3
12	PFPeS	2706-91-4	7.07	349.1 > 80.062	1442		1.035	2.21	NO	110.1
13	PFHpA	375-85-9	8.02	363.055 > 319.045	10878		0.993	5.70	NO	99.3
14	M4PFHpA	INT STD	8.02	367.025 > 322.022	108293		10.048		na	100.5
15	br-PFHxS	355-46-4	7.96	399.107 > 80.062	250	M5,M7	0.189	1.95	NO	111.1
16	L-PFHxS	355-46-4	8.19	399.107 > 80.062	1266		0.729	1.59	NO	98.4
17	PFHxS	355-46-4		399.107 > 80.062	1516		0.917		na	
18	M3PFHxS	INT STD	8.19	402.084 > 80.062	15924		10.233		na	102.3
19	br-PFOA	335-67-1		413.063 > 369.053			ND		YES	
20	L-PFOA	335-67-1	8.97	413.063 > 369.053	12153		1.051	9.47	NO	105.1
21	PFOA	335-67-1		413.063 > 369.053	12153		1.051		na	
22	M8PFOA	INT STD	8.97	421.002 > 376.	120009		9.998		na	100.0
23	M2PFOA	INT STD	8.97	415.048 > 370.045	118228		11.163		na	111.6
24	6:2FTS	27619-97-2	8.93	427.161 > 407.155	508		1.045	3.92	NO	110.0
25	M2-6:2FTS	INT STD	8.93	429.146 > 409.14	4910		8.698		na	87.0
26	PFHpS	375-92-8	9.07	449.115 > 80.062	999		0.984	1.13	NO	103.6
27	PFNA	375-95-1	9.73	463.071 > 419.061	8675		0.980	3.87	NO	98.0
28	M9PFNA	INT STD	9.73	472.002 > 427.	35439		10.279		na	102.8
29	br-PFOS	1763-23-1	9.60	499.123 > 80.062	294	M5,M7	0.191	4.79	NO	95.5
30	L-PFOS	1763-23-1	9.78	499.123 > 80.062	950		0.761	1.90	NO	104.2
31	PFOS	1763-23-1		499.123 > 80.062	1243		0.952		na	
32	M4PFOS	INT STD	9.78	503.093 > 80.062	12437		10.988		na	109.9
33	M8PFOS	INT STD	9.78	507.062 > 80.062	14170		10.168		na	101.7
34	PFDA	335-76-2	10.35	513.078 > 469.069	7789		0.983	5.26	NO	98.3
35	M2PFDA	INT STD	10.35	515.053 > 469.934	69294		11.359		na	113.6
36	M6PFDA	INT STD	10.35	519.033 > 474.03	79652		10.127		na	101.3
37	8:2FTS	39108-34-4	10.34	527.177 > 507.171	232		0.914	6.97	NO	95.3
38	M2-8:2FTS	INT STD	10.34	529.162 > 509.155	3878		9.346		na	93.5
39	PFNS	68259-12-1	10.38	549.131 > 80.062	1098	M7	1.003	1.53	NO	104.5

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

ID: IA537STD-1
Name: I42786
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.77	573.22 > 419.061	6727		9.075		na	90.7
41	br-NMeFOSAA		10.61	570.202 > 419.061	44	M5,M7	0.169	0.92	NO	70.4
42	L-NMeFOSAA		10.77	570.202 > 419.061	606		0.827	2.97	NO	108.8
43	NMeFOSAA	2355-31-9		570.202 > 419.061	650		0.996		na	
44	PFUnA	2058-94-8	10.89	563.086 > 519.076	6877		0.888	8.33	NO	88.8
45	M7-PFUDA	INT STD	10.89	570.033 > 525.031	76786		10.468		na	104.7
46	PFDS	335-77-3	10.91	599.139 > 80.062	1151		0.979	1.67	NO	101.4
47	FOSA	754-91-6	10.95	498.146 > 78.07	3536	M7	1.014	244.30	YES	101.4
48	M8FOSA	INT STD	10.95	506.077 > 78.07	40751		9.570		na	95.7
49	br-NEtFOSAA		10.94	584.229 > 419.061	23	M5,M7	0.125	0.58	NO	55.6
50	L-NEtFOSAA		11.07	584.229 > 419.061	433		0.777	1.13	NO	100.3
51	NEtFOSAA	2991-50-6		584.229 > 419.061	457		0.902		na	
52	d5-NEtFOSAA	INT STD	11.06	589.259 > 419.061	5653		9.228		na	92.3
53	PFDoA	307-55-1	11.35	613.094 > 569.084	7180		0.985	17.00	NO	98.5
54	MPFDOA	INT STD	11.35	615.079 > 570.077	69430		9.811		na	98.1
55	PFTrDA	72629-94-8	11.76	663.102 > 619.092	6330		1.218	11.36	NO	121.8
56	PFTA	376-06-7	12.12	713.11 > 669.1	3936		0.969	10.01	NO	96.9
57	M2PFTEDA	INT STD	12.11	715.094 > 670.092	20863		9.399		na	94.0
58	M3HFPO-DA	INT STD	7.18	287.02 > 169.022	7776		232.451		na	116.2
59	HFPO-DA	13252-13-6	7.19	285.035 > 169.022	321		8.502	6.74	YES	85.0
60	ADONA	958445-44-8	8.21	377.06 > 251.028	9538		1.001	41.78	NO	105.8
61	PFHxDA		12.64	813.122 > 769.116	2332		1.079	24.49	NO	107.9
62	PFODA		12.86	913.411 > 869.131	238		0.899	20.42	NO	89.9
63	M2PFHxDA		12.63	815.102 > 770.108	32679		10.051		na	100.5
64	PFDoS		11.76	699.154 > 80.062	698		0.908	2.27	NO	90.8
65	M2D4-10:2FTS		11.36	633.201 > 612.189	4812	M4	21.898		na	110.8
66	10:2FTS		11.36	627.192 > 607.186	304	M2,M7	1.075	2.09	NO	111.5
67	9CL-PF3ONS		10.14	530.862 > 350.843	5046		0.885	2.73	NO	94.9
68	11CL-PFOUdS		11.17	630.862 > 450.854	4555		0.862	3.00	NO	91.6
69	NMeFOSA		11.58	512.163 > 169.022	3744		5.451	1.63	NO	109.0
70	d3-NMeFOSA		11.57	515.183 > 169.022	84828		97.232		na	97.2
71	NEtFOSA		11.88	526.192 > 169.022	3999		5.248	4.75	NO	105.0
72	d5-NEtFOSA		11.87	531.222 > 169.022	96095		99.221		na	99.2
73	NMeFOSE		11.58	615.8 > 59.045	4491		2.822		na	112.9
74	d7-NMeFOSE		11.56	622.84 > 59.045	73573		102.837		na	102.8
75	NEtFOSE		11.87	629.862 > 59.045	5013		2.783		na	111.3
76	d9-NEtFOSE		11.85	638.734 > 59.045	68117		94.286		na	94.3
77	M3PFPeA		4.86	266.017 > 222.007	72707		10.727		na	107.3
78	M2PFHxA		6.75	315.032 > 270.03	74346		10.774		na	107.7
79	M4PFOA		8.97	417.032 > 372.03	117679		11.067		na	110.7
80	PFPrS	423-41-6	3.32	249.084 > 80.062	1320		1.000	3.06	NO	109.2
81	PFMPA		3.30	229.032 > 85.006	4254		1.100		na	110.0
82	PFMBA		5.57	279.042 > 85.006	4618		1.068		na	106.8

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

ID: IA537STD-1
Name: I42786
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
83	PFEESA		6.26	315.093 > 135.013	7136		1.014	22.29	NO	113.9
84	NFDHA		6.53	295.032 > 201.027	49		1.004		YES	100.4

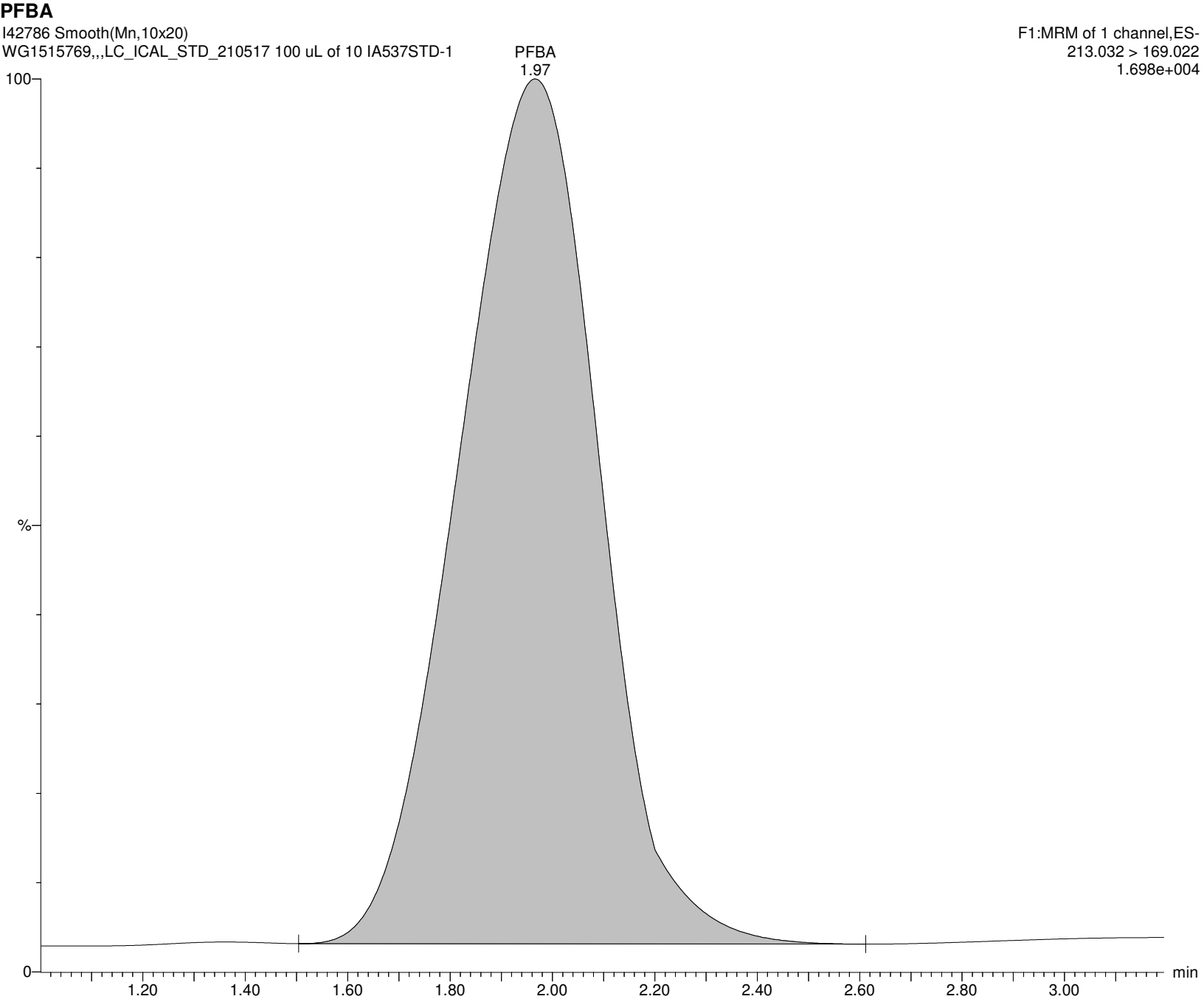
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\MethDB\537ISO_Q_210625_TOP_RT.mdb 22 Jun 2021 09:28:25
Calibration: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBA

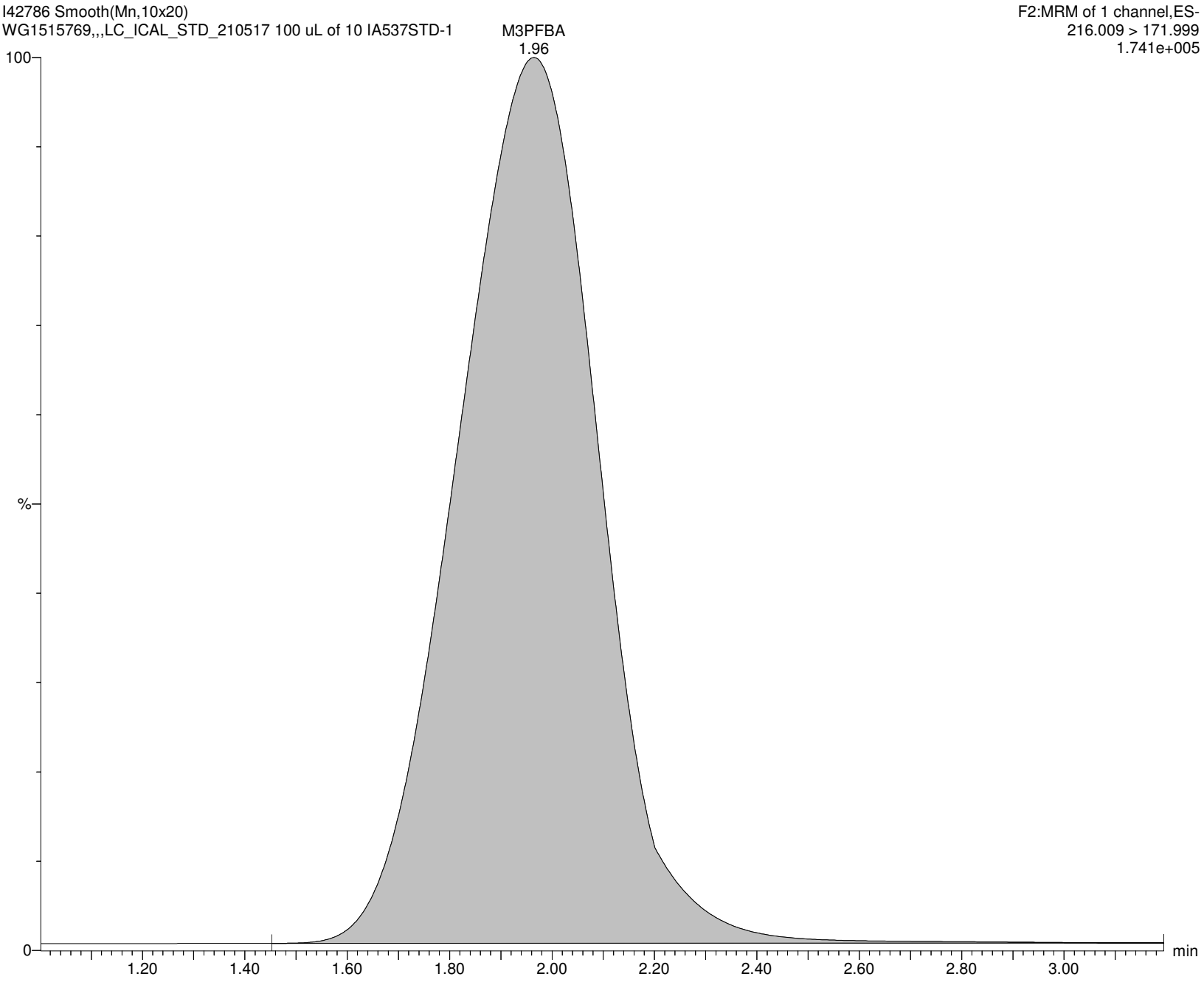


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBA

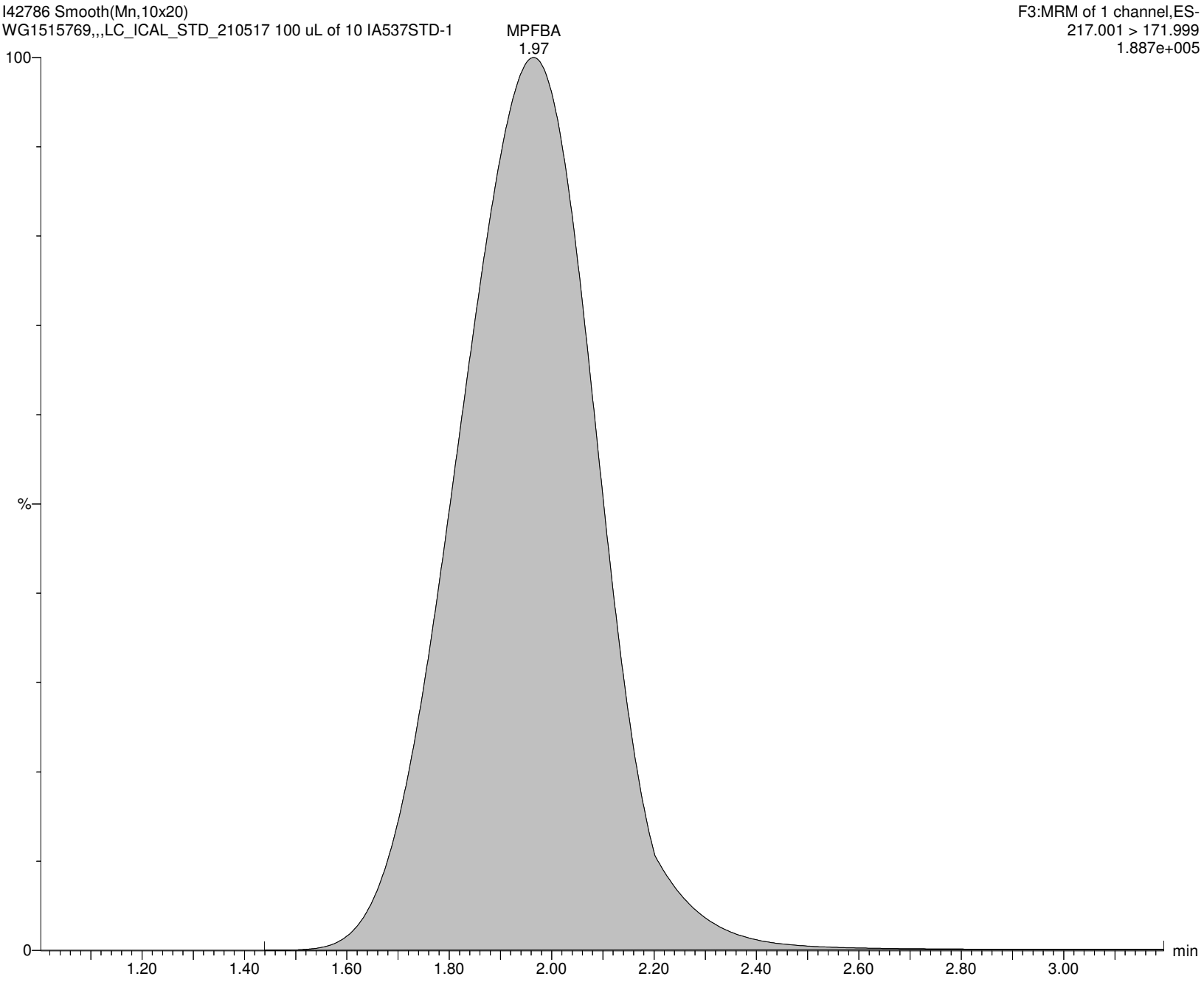


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFBA

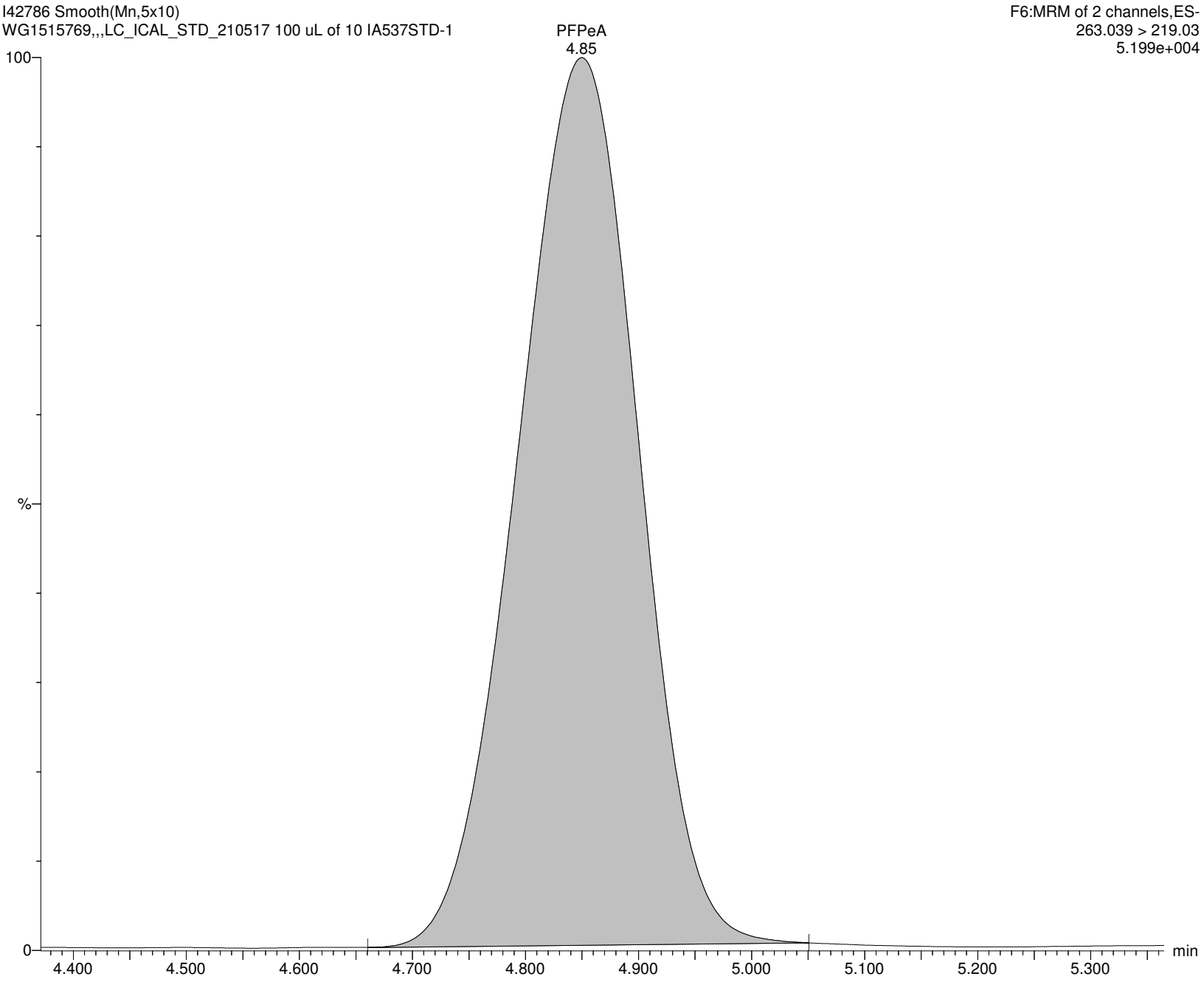


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeA

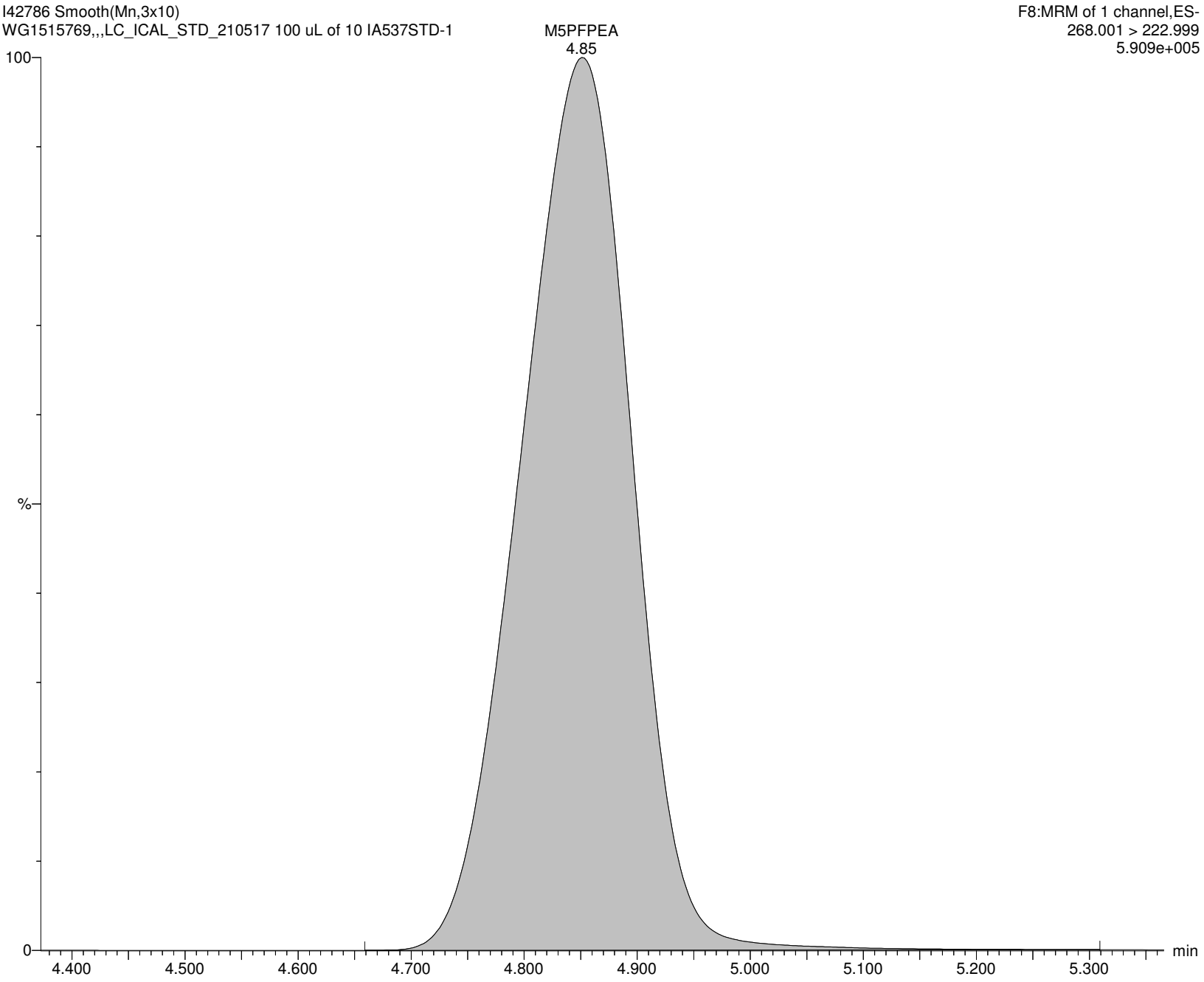


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFPEA

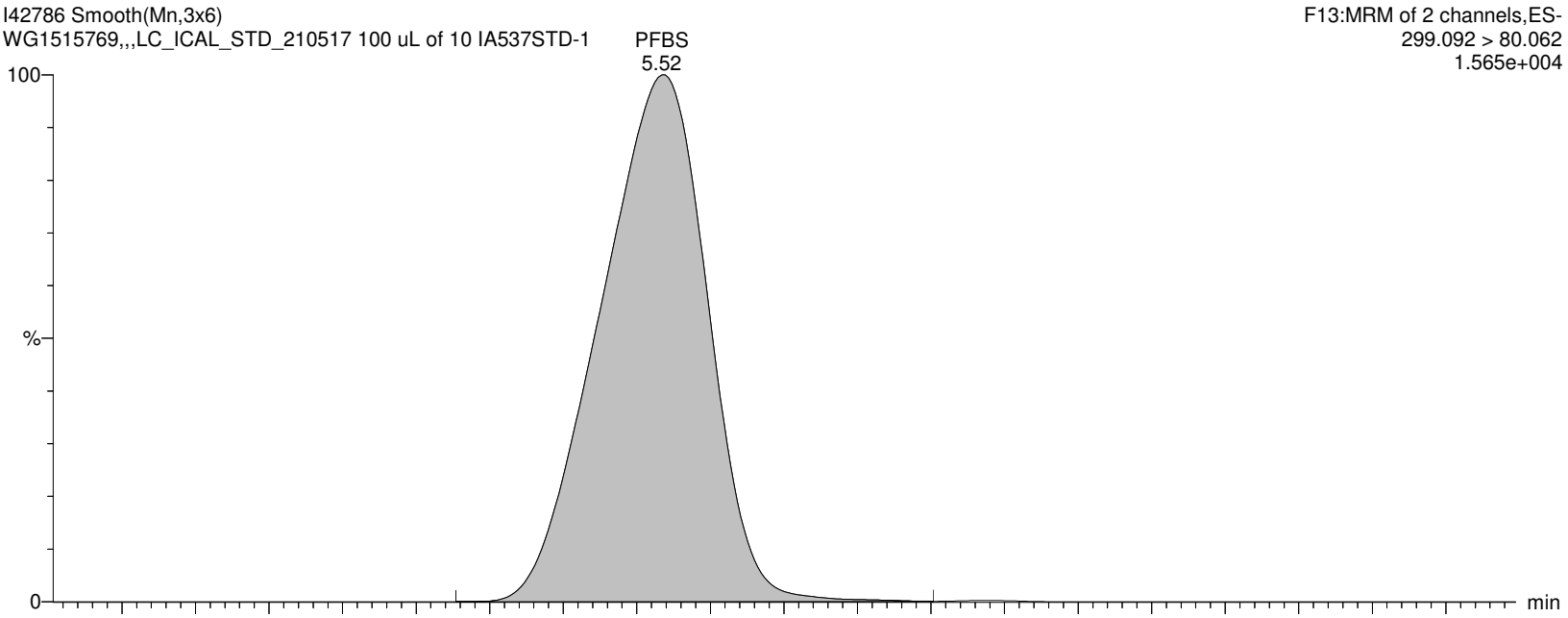


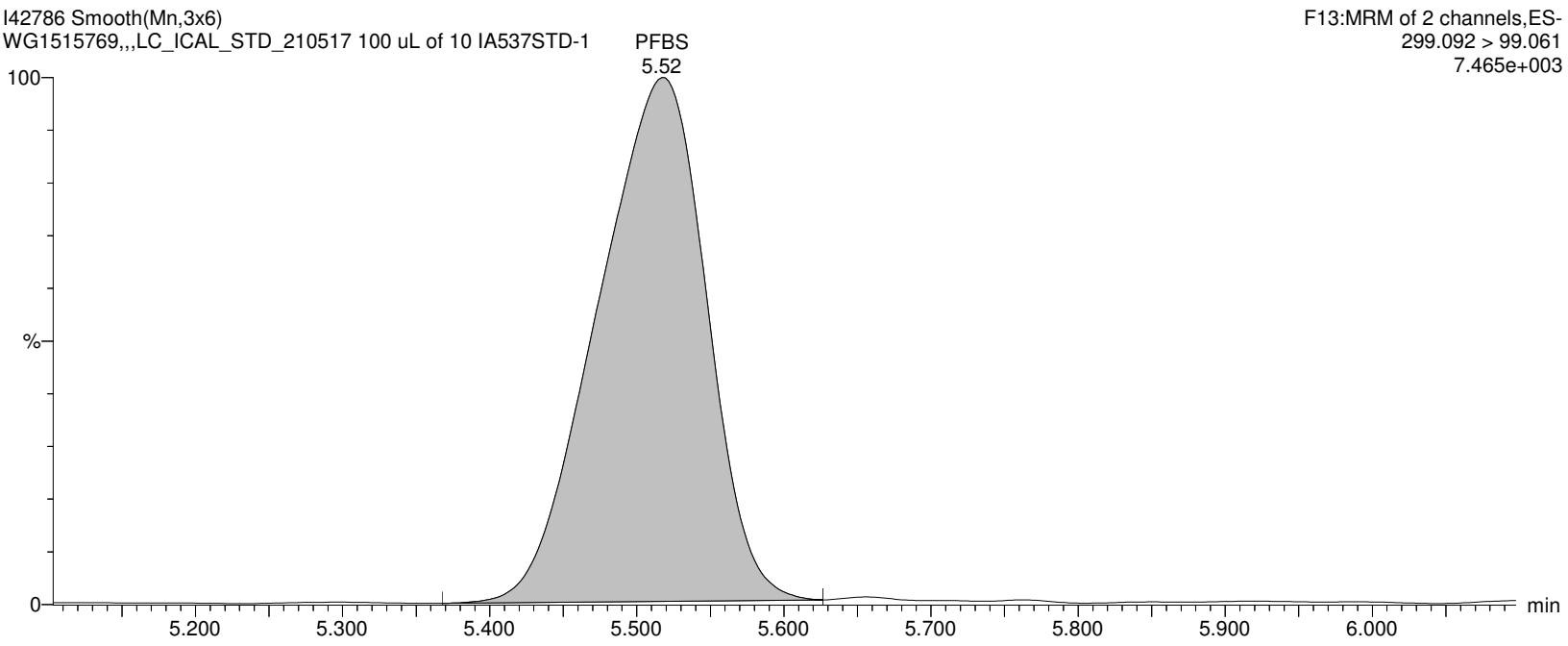
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBS



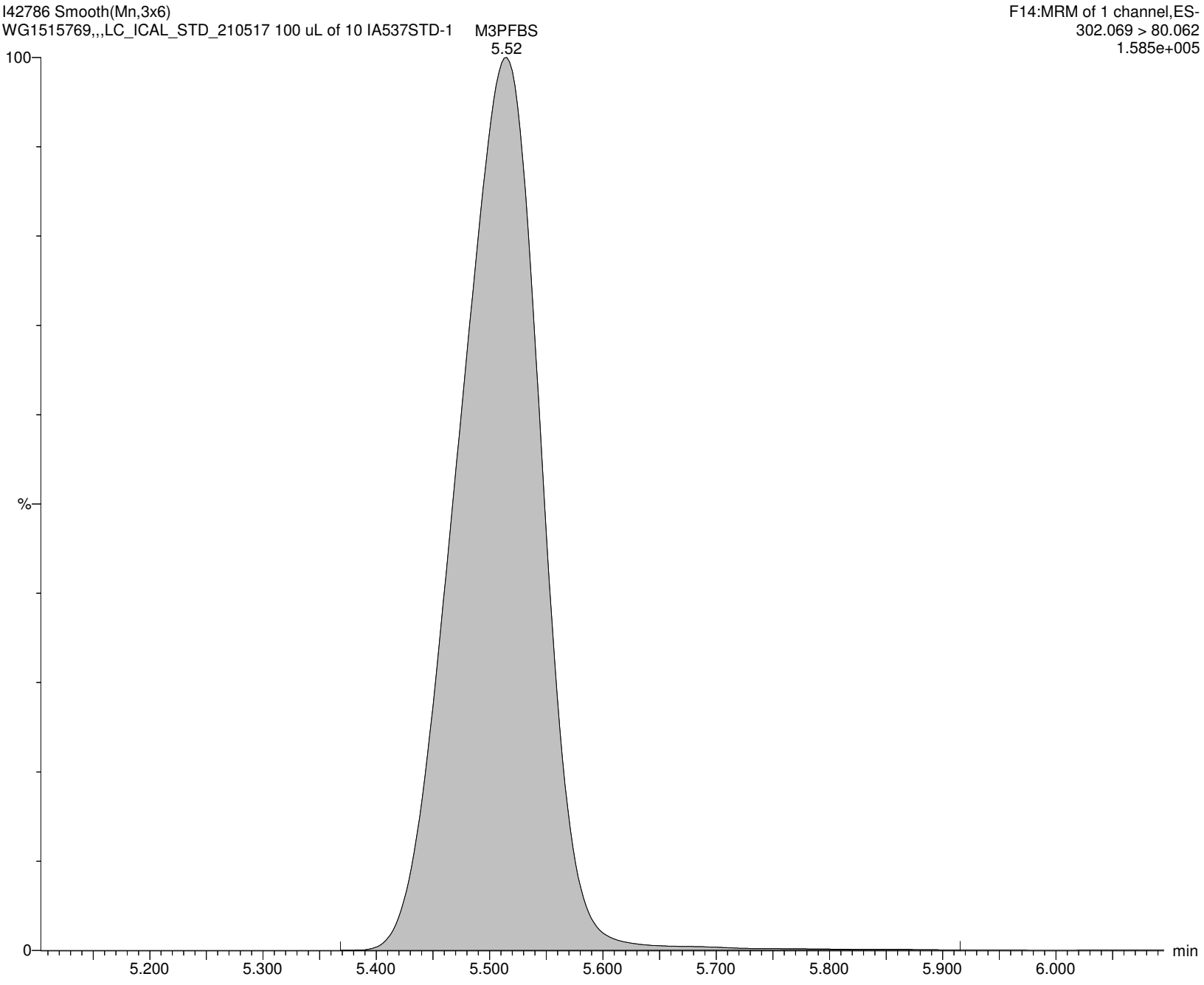


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBS

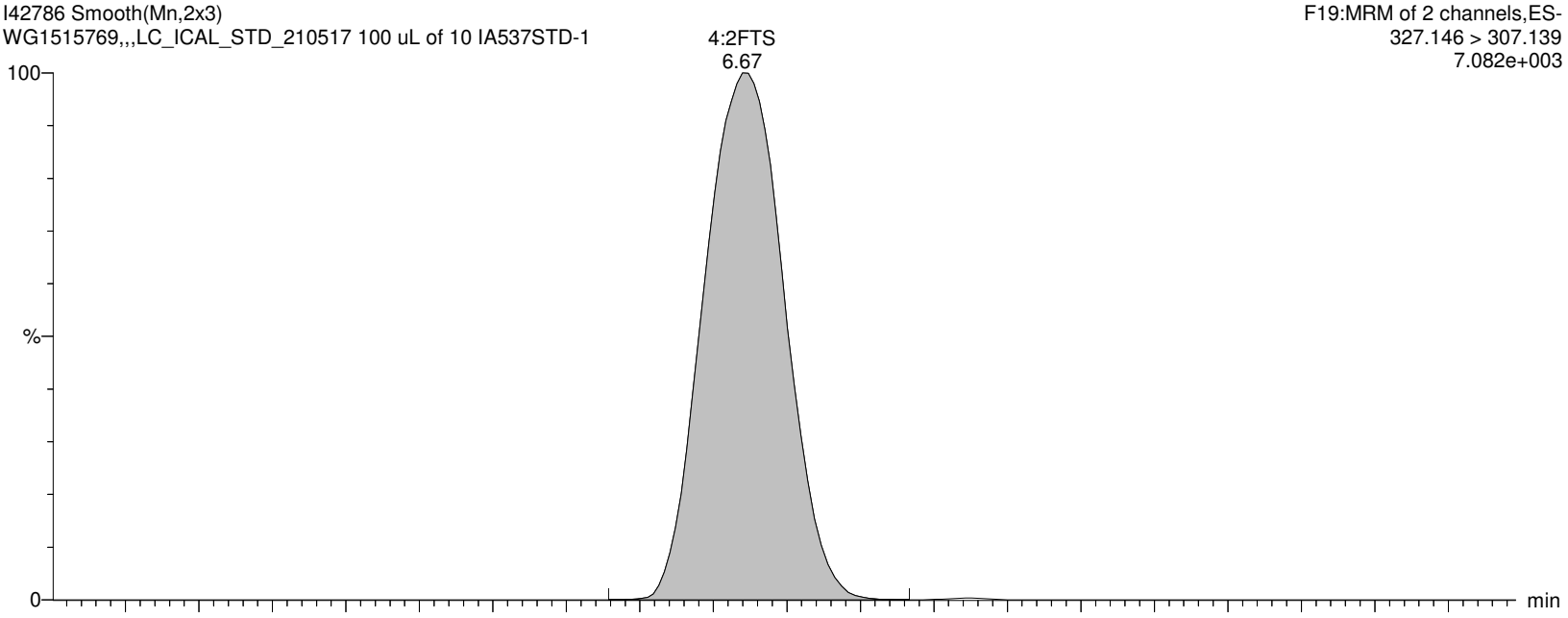


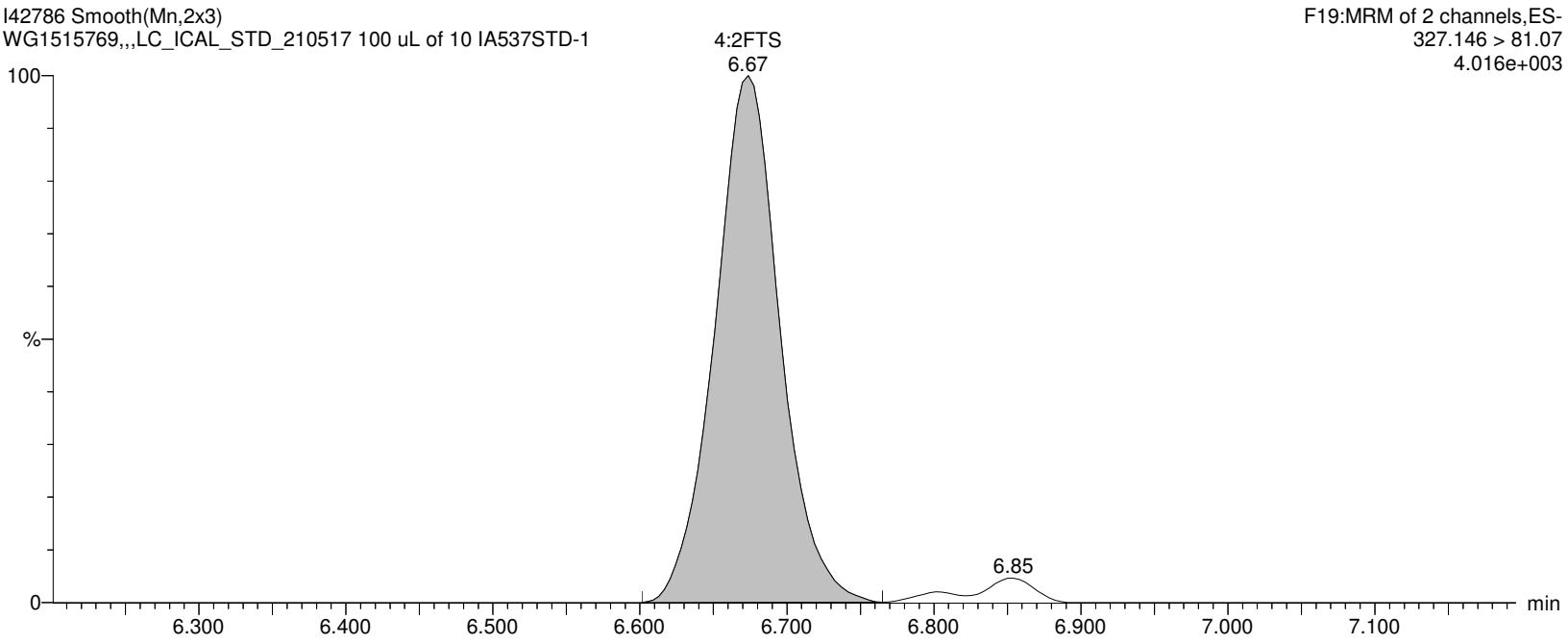
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

4:2FTS



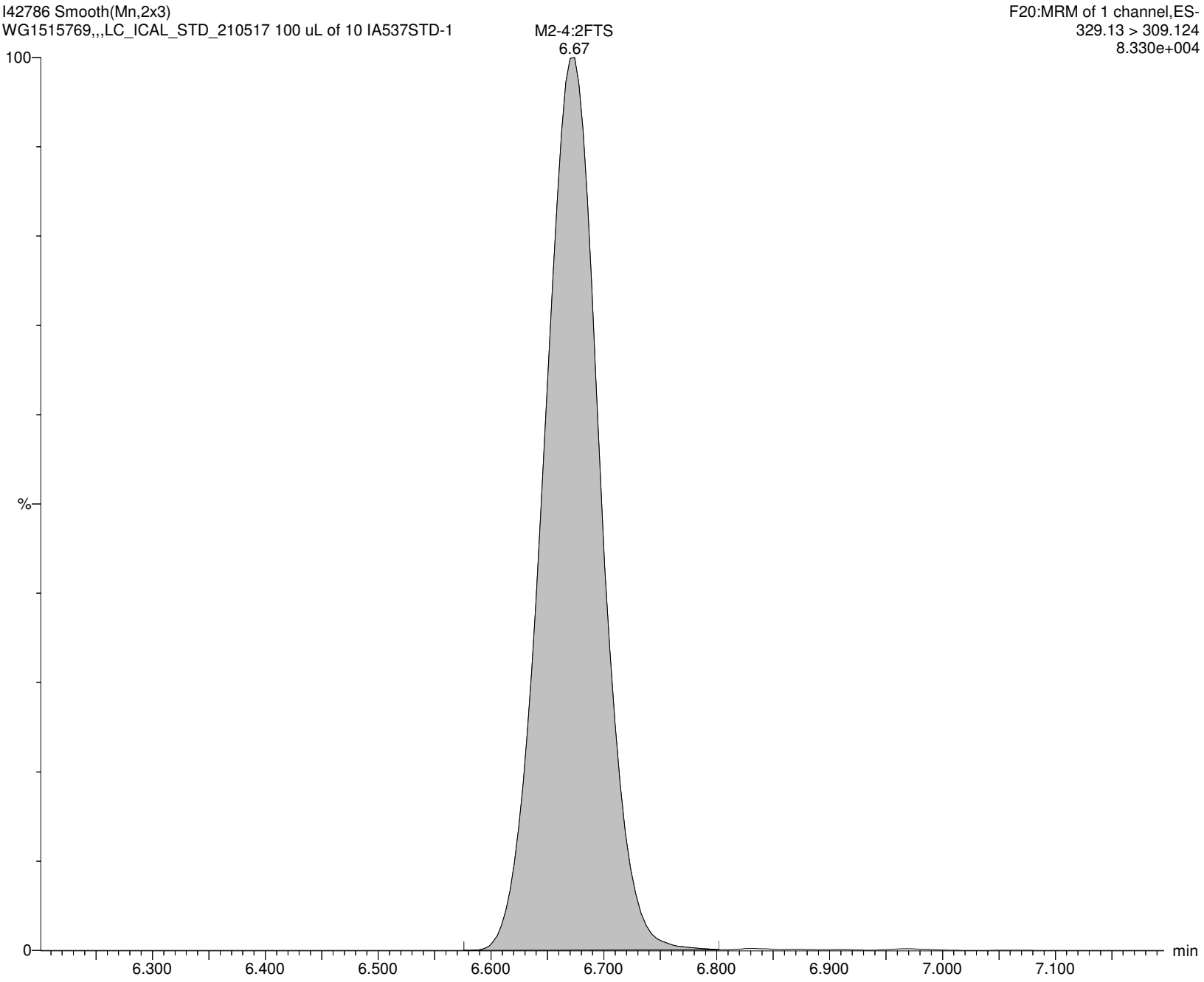


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-4:2FTS

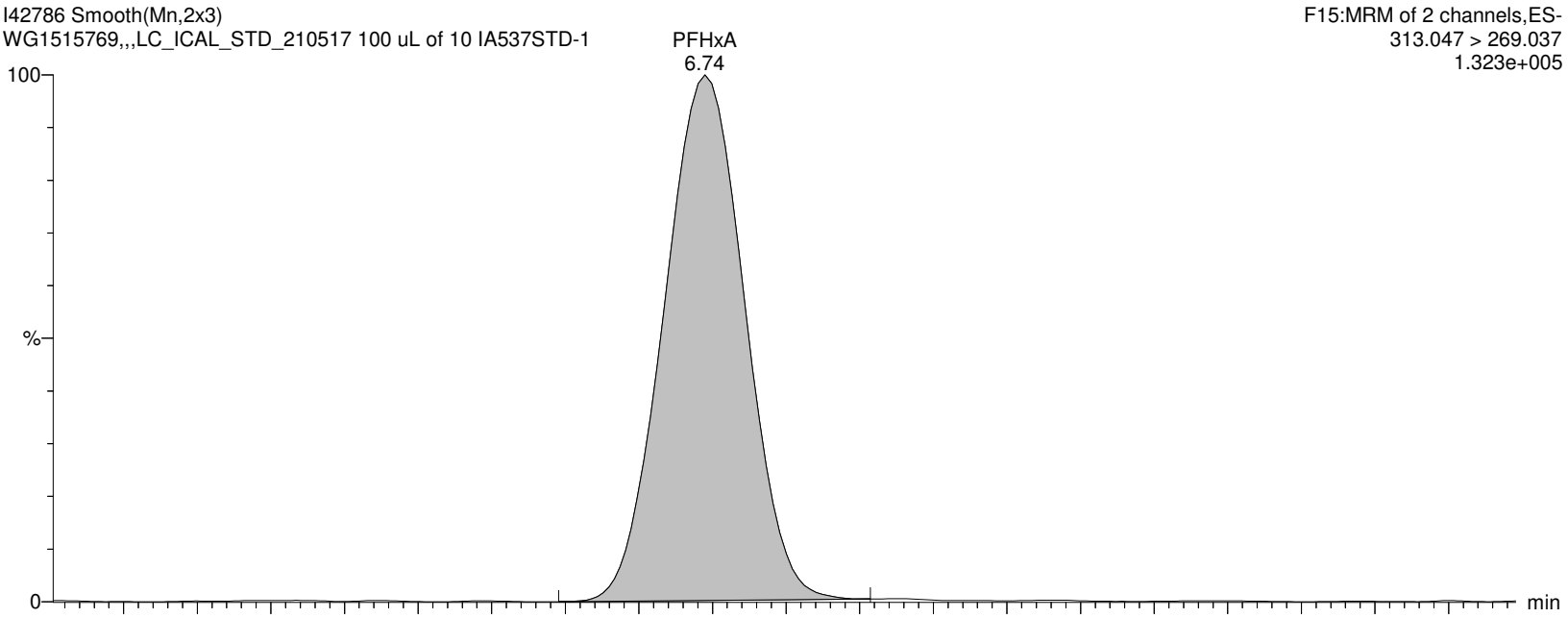


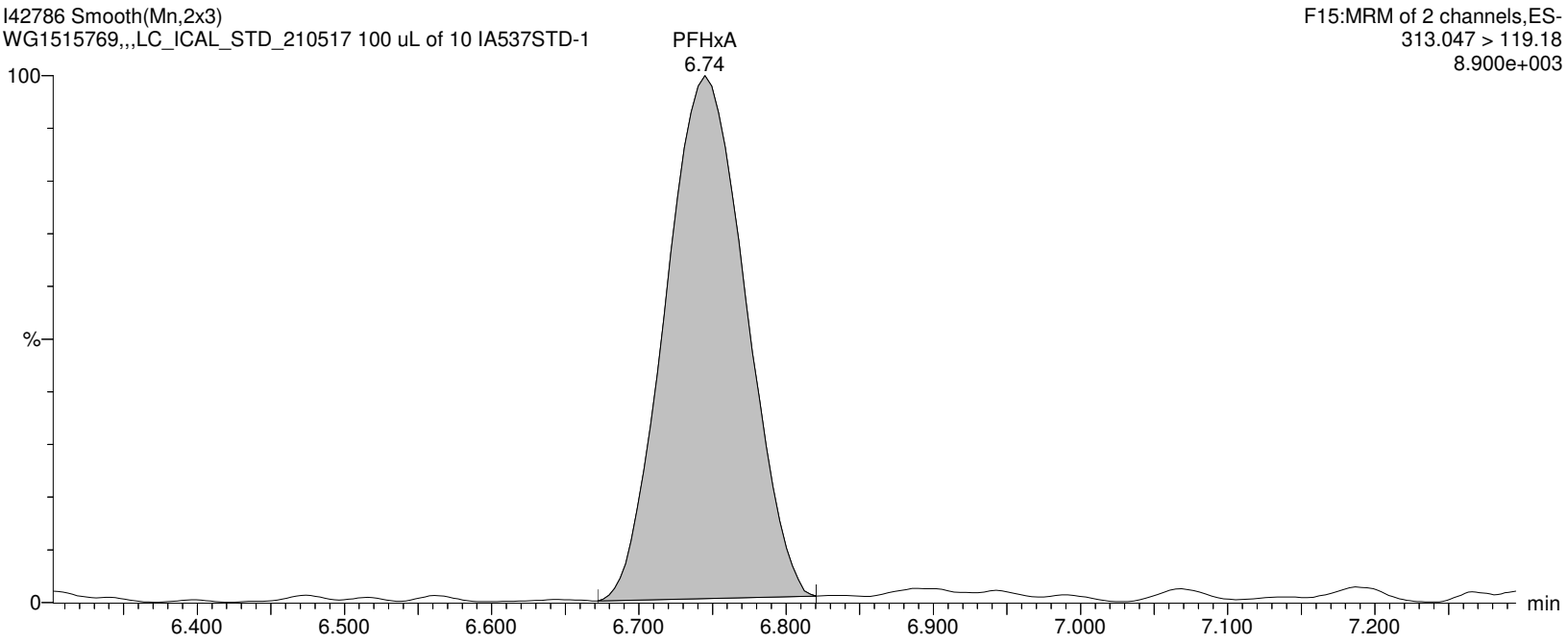
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxA



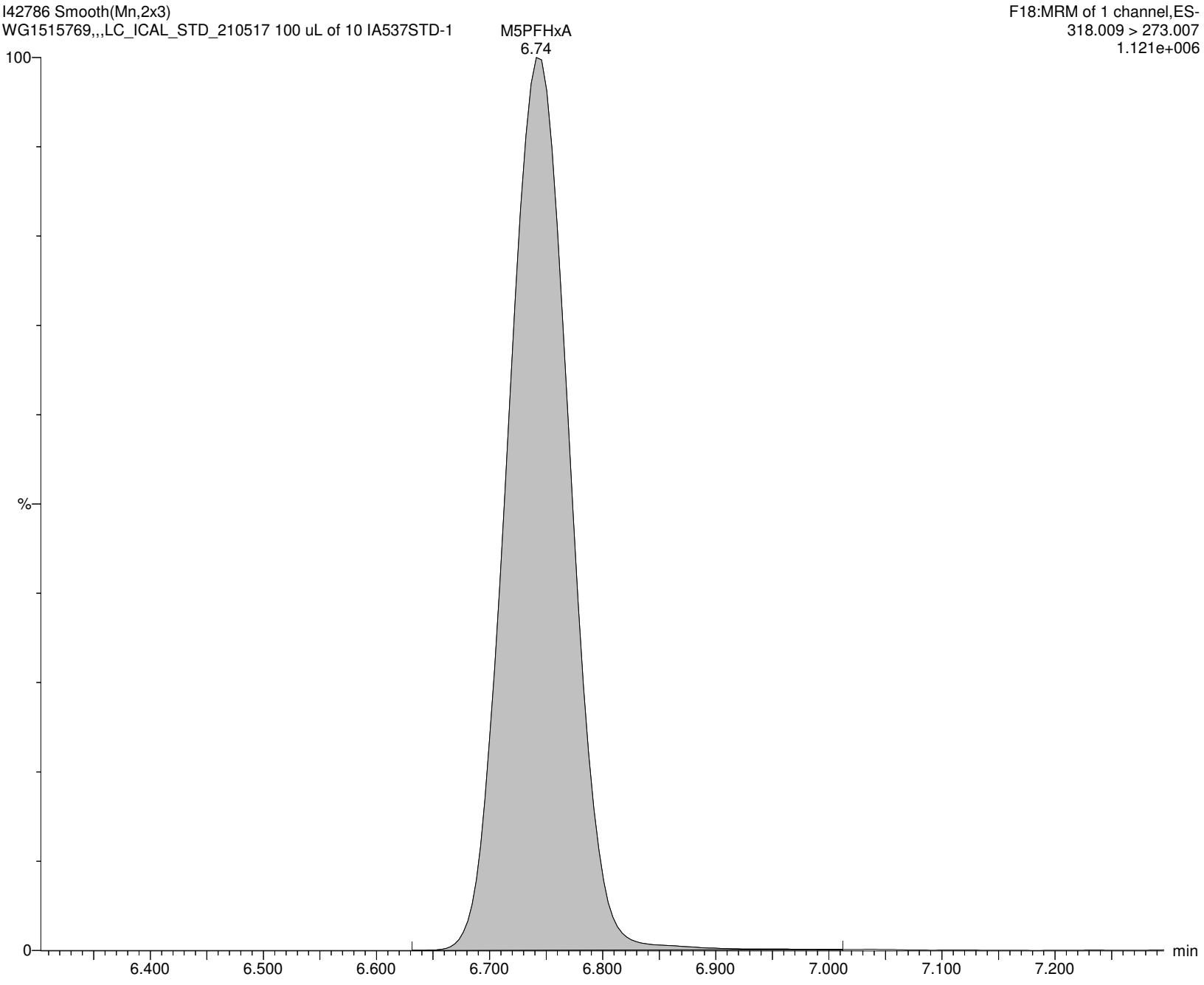


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFHxA

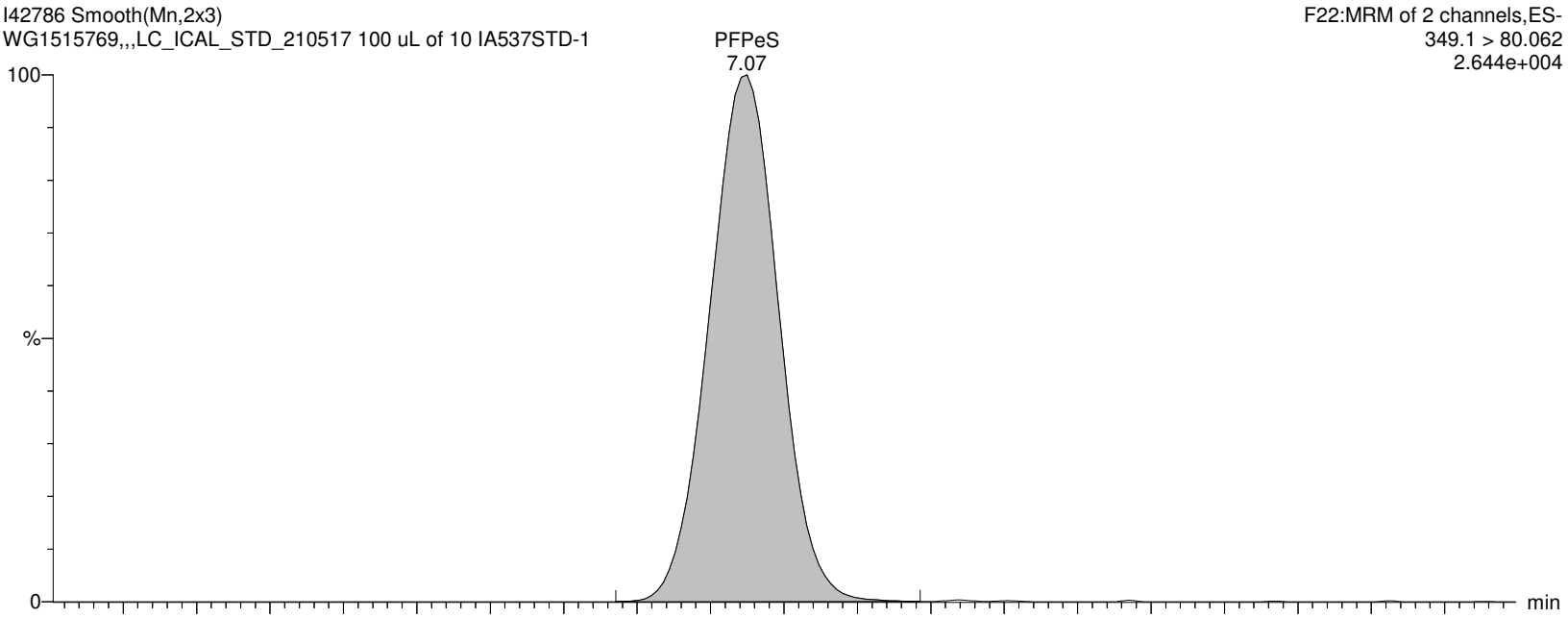


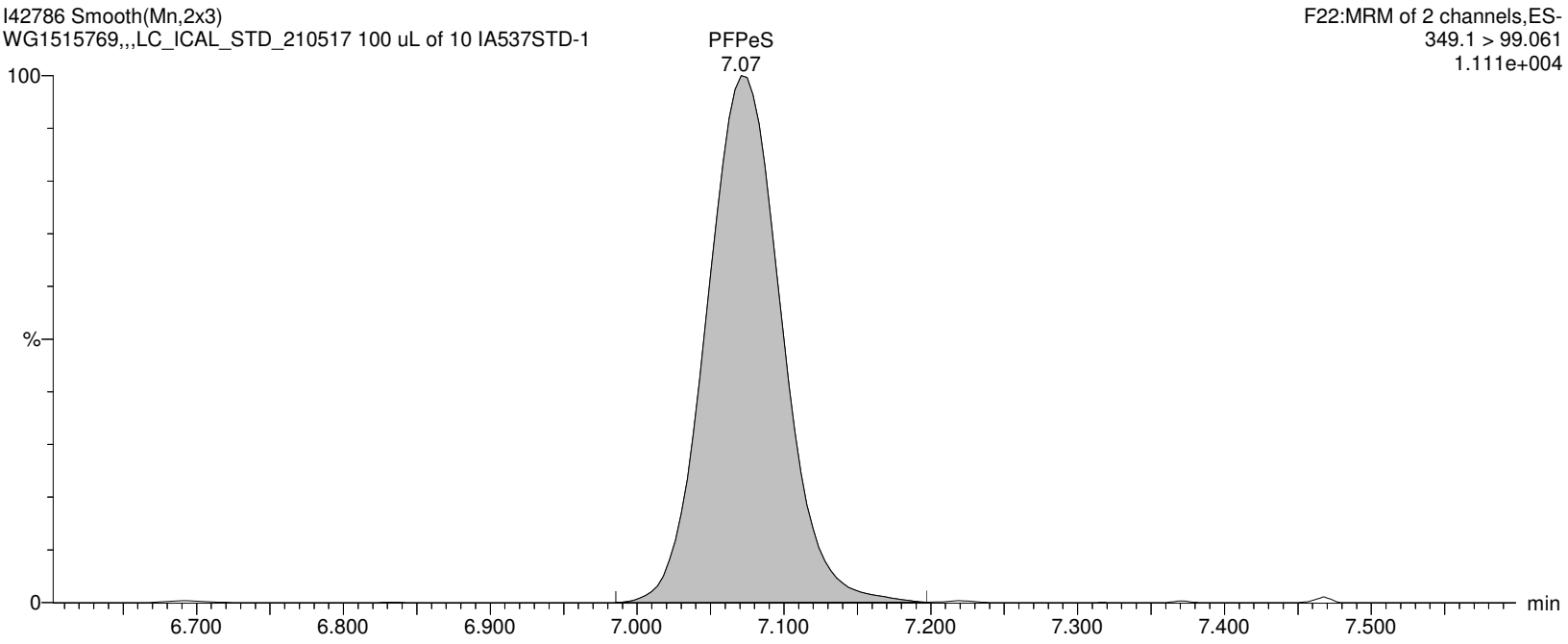
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeS



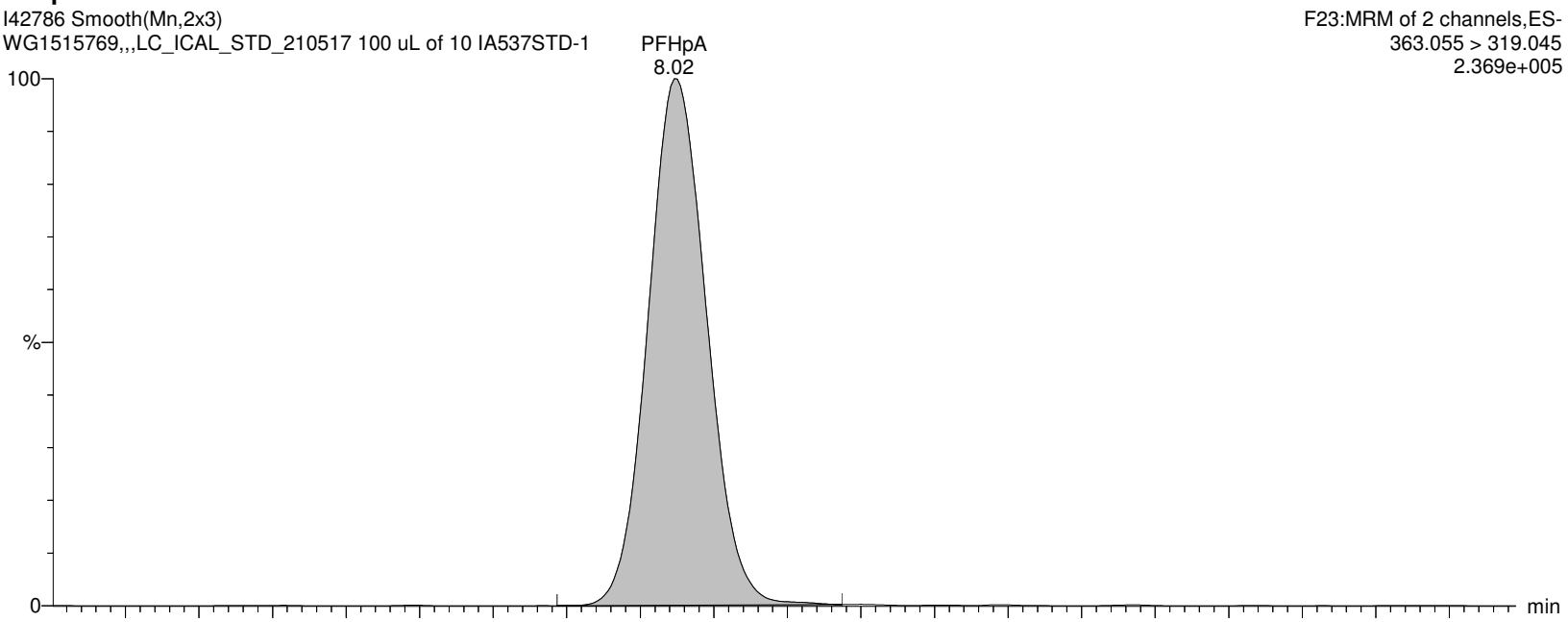


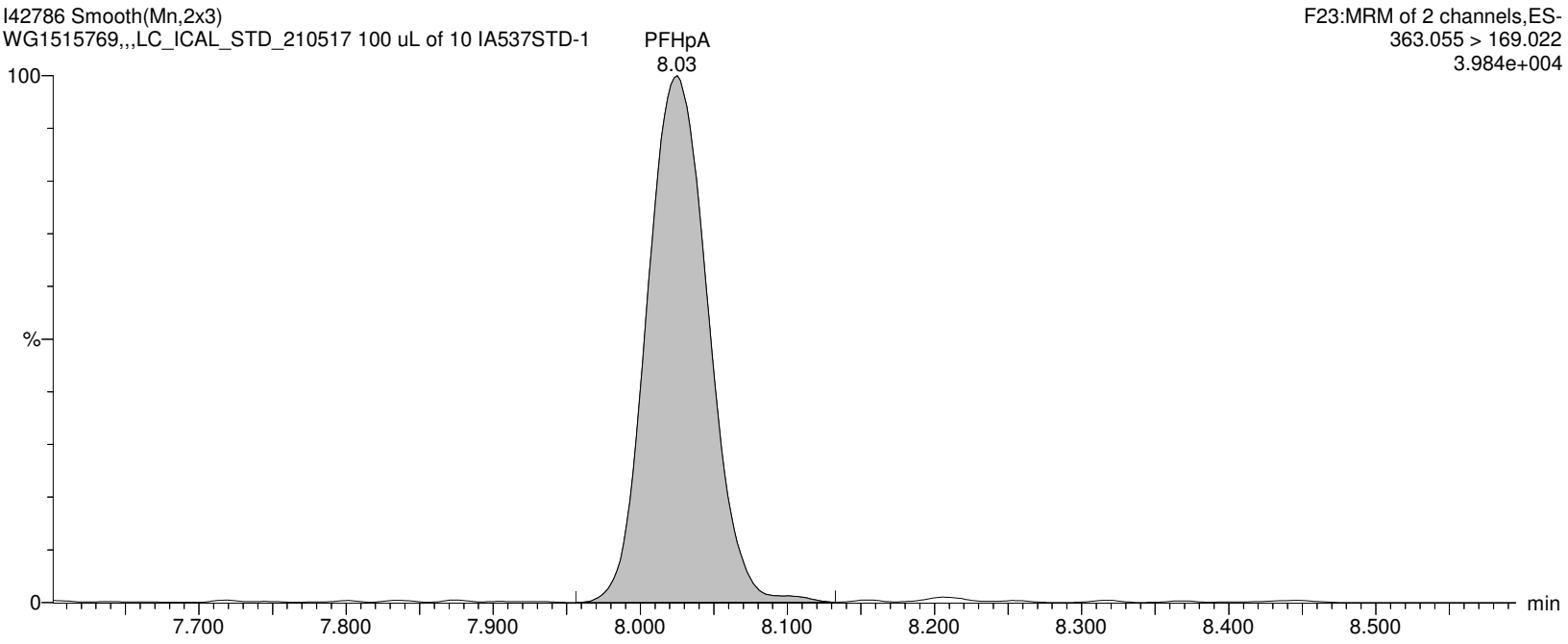
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpA



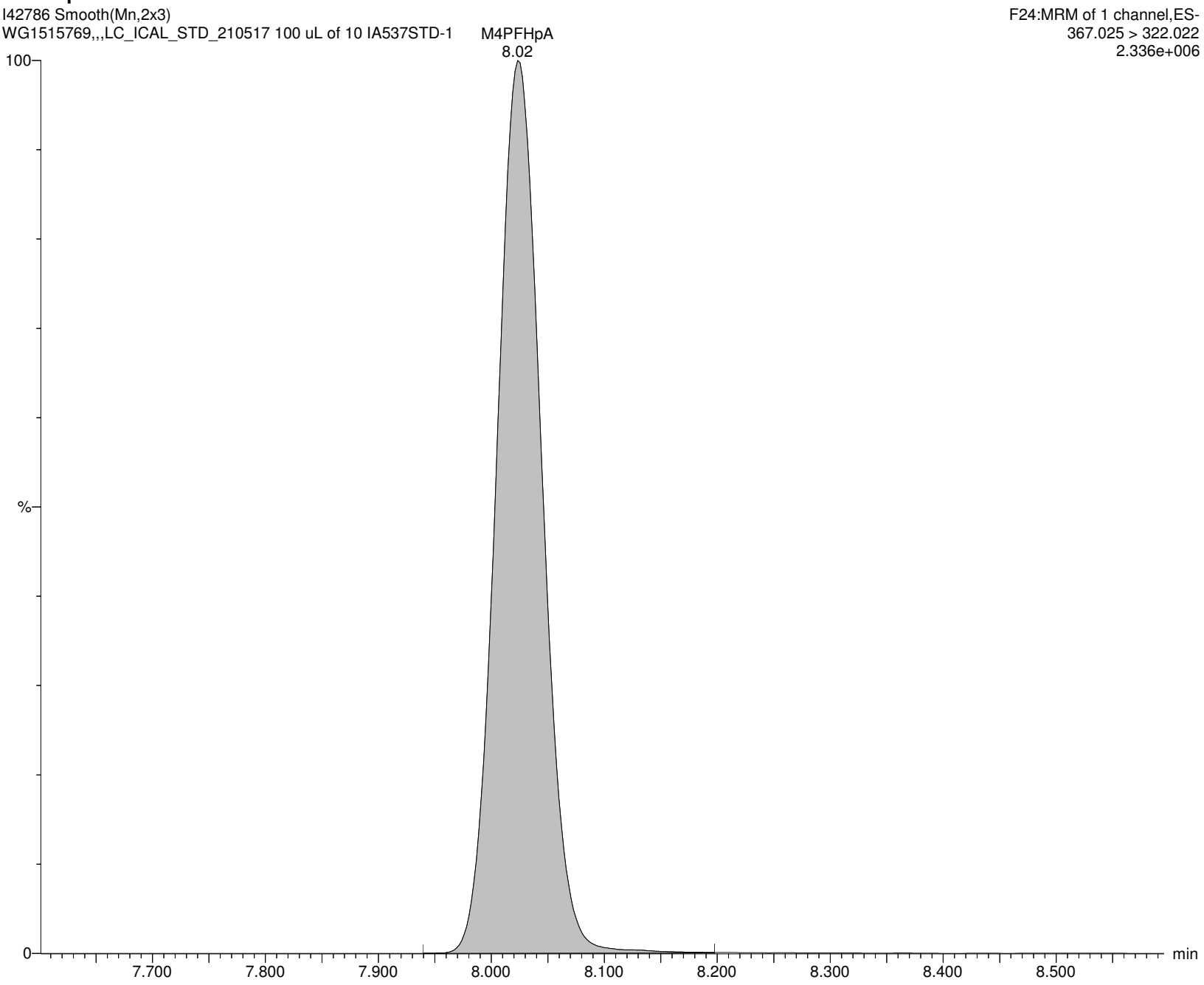


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFHpA

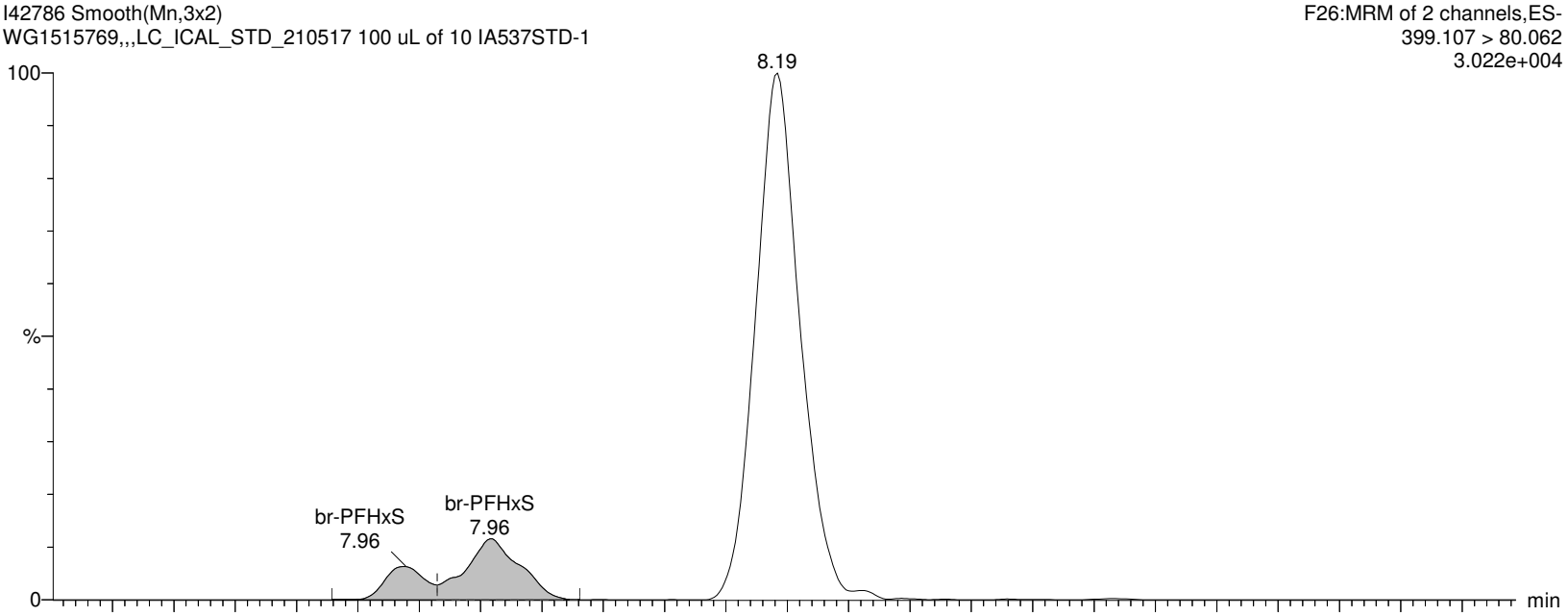


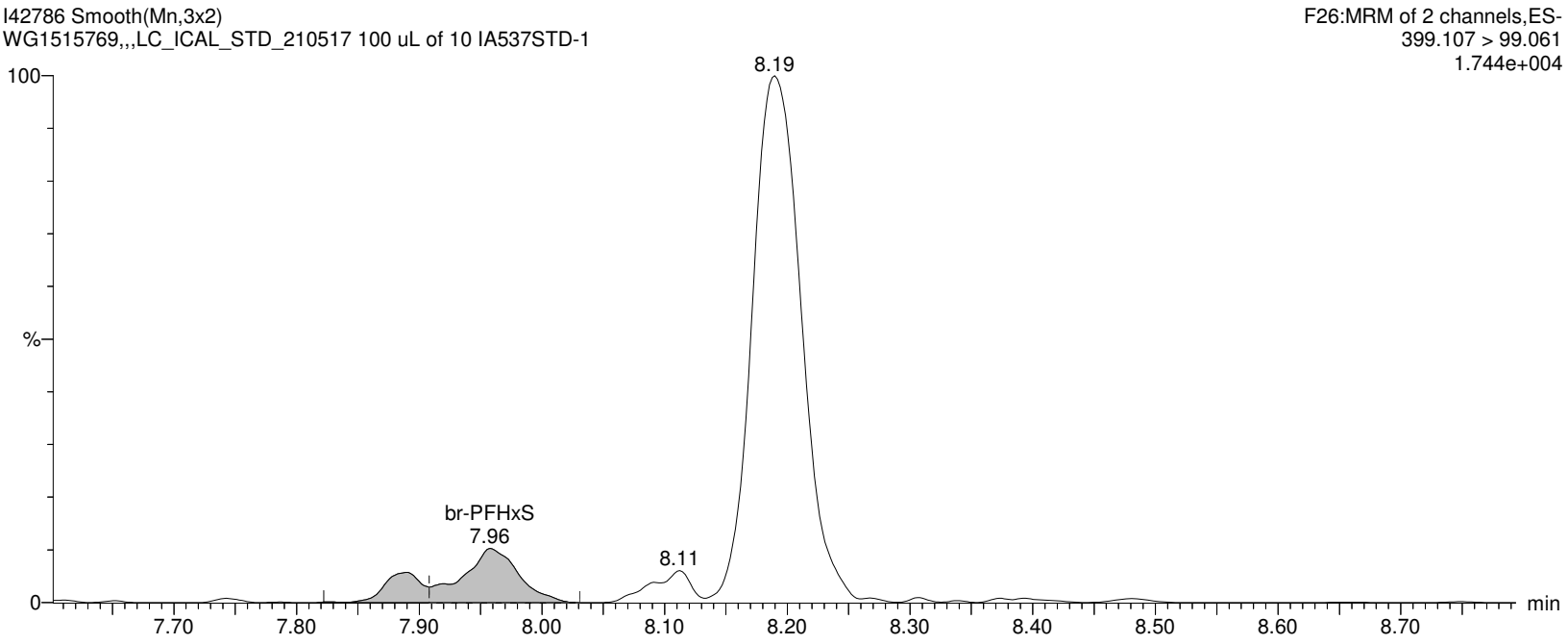
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFHxS



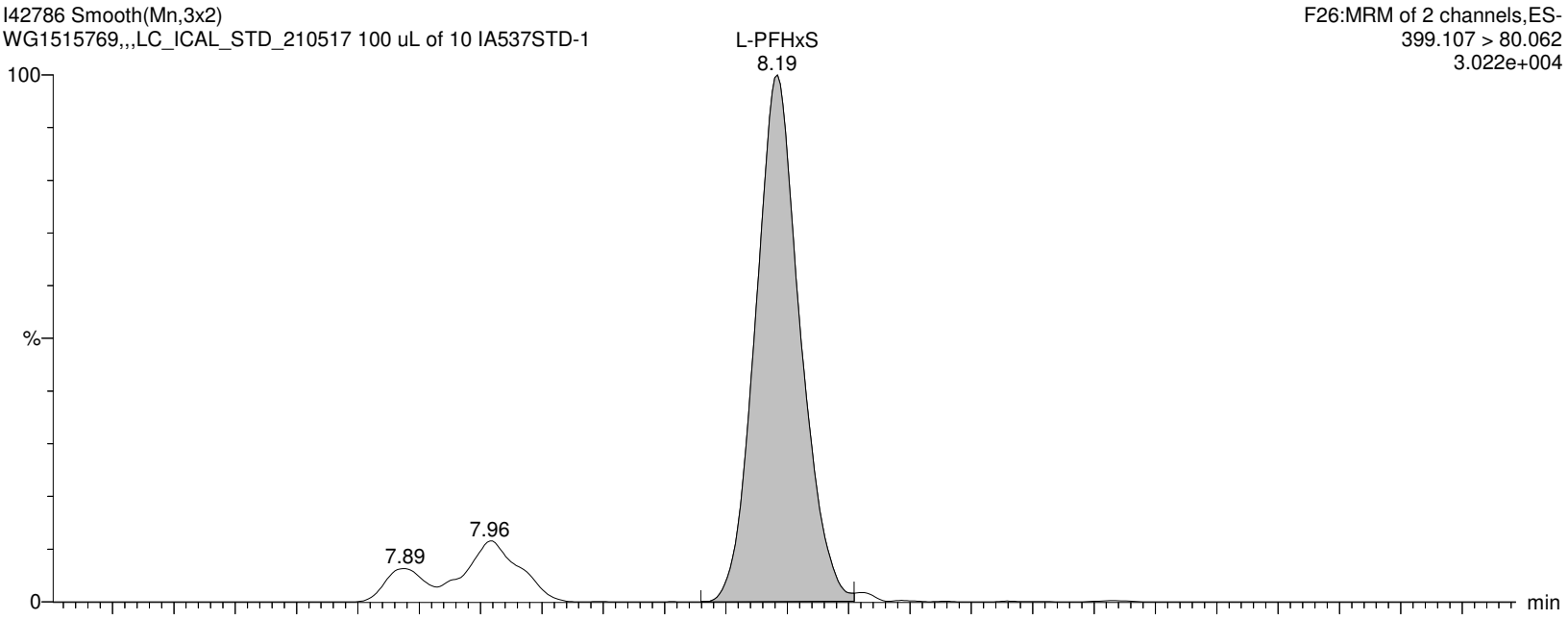


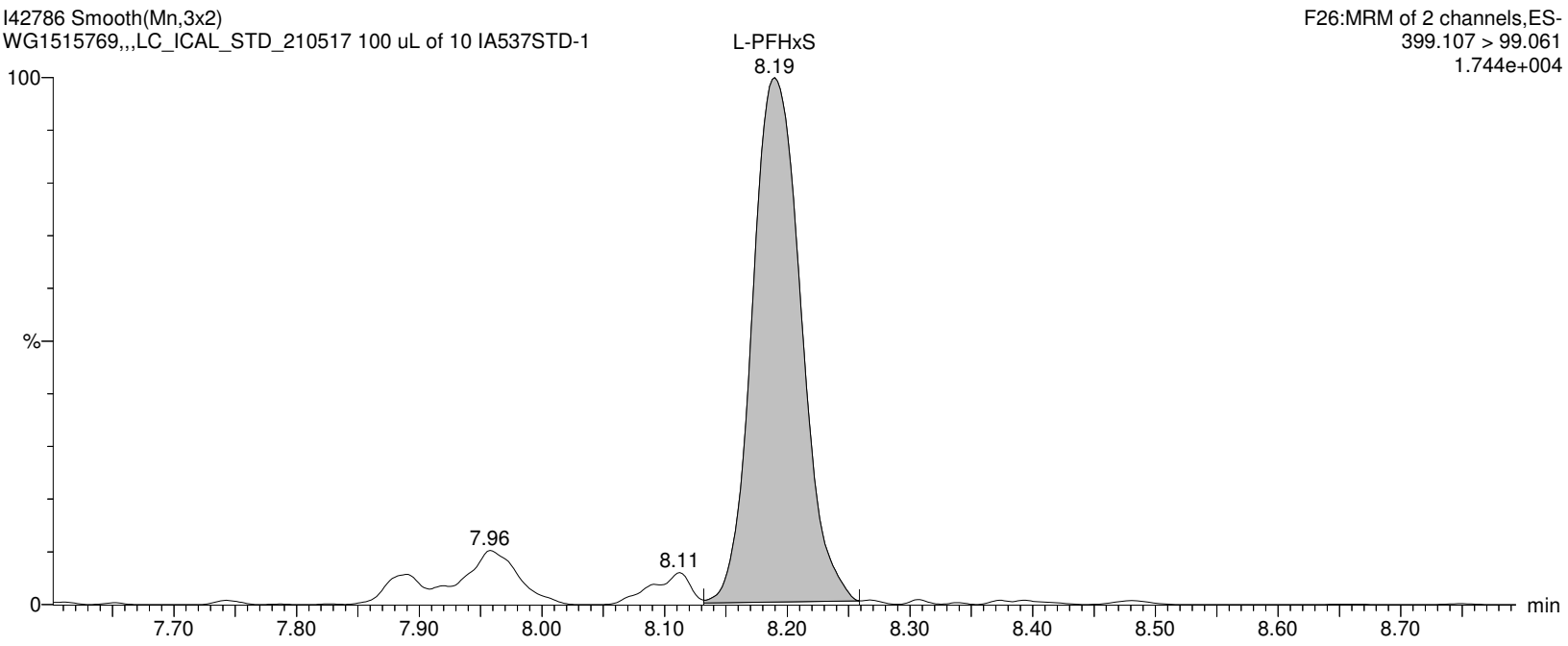
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFHxS



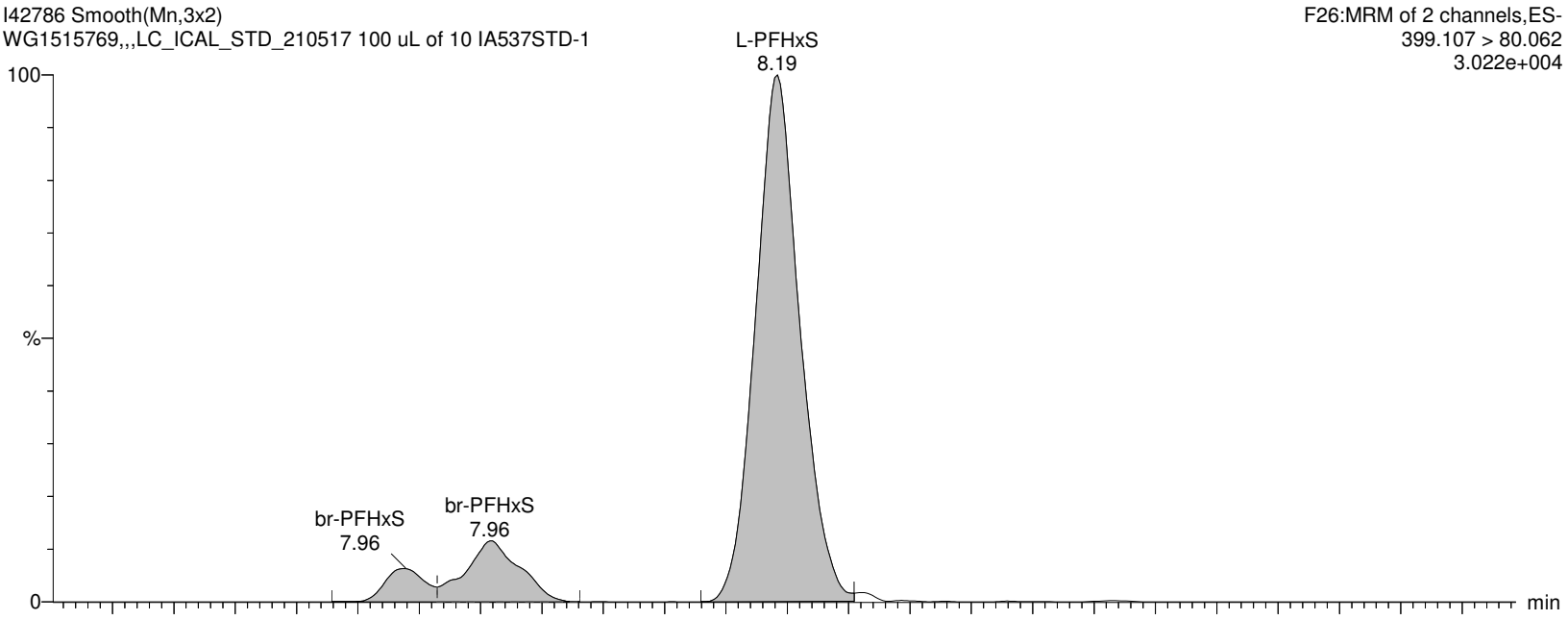


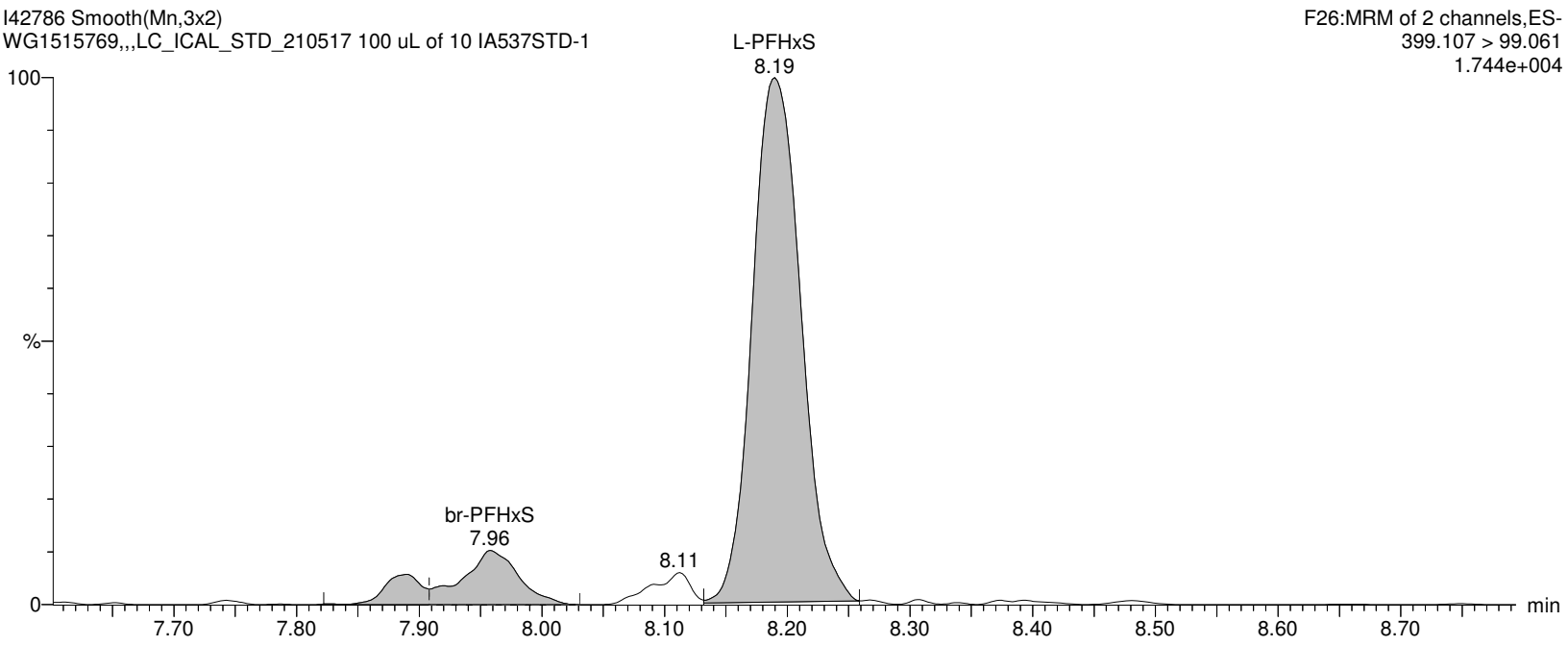
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxS



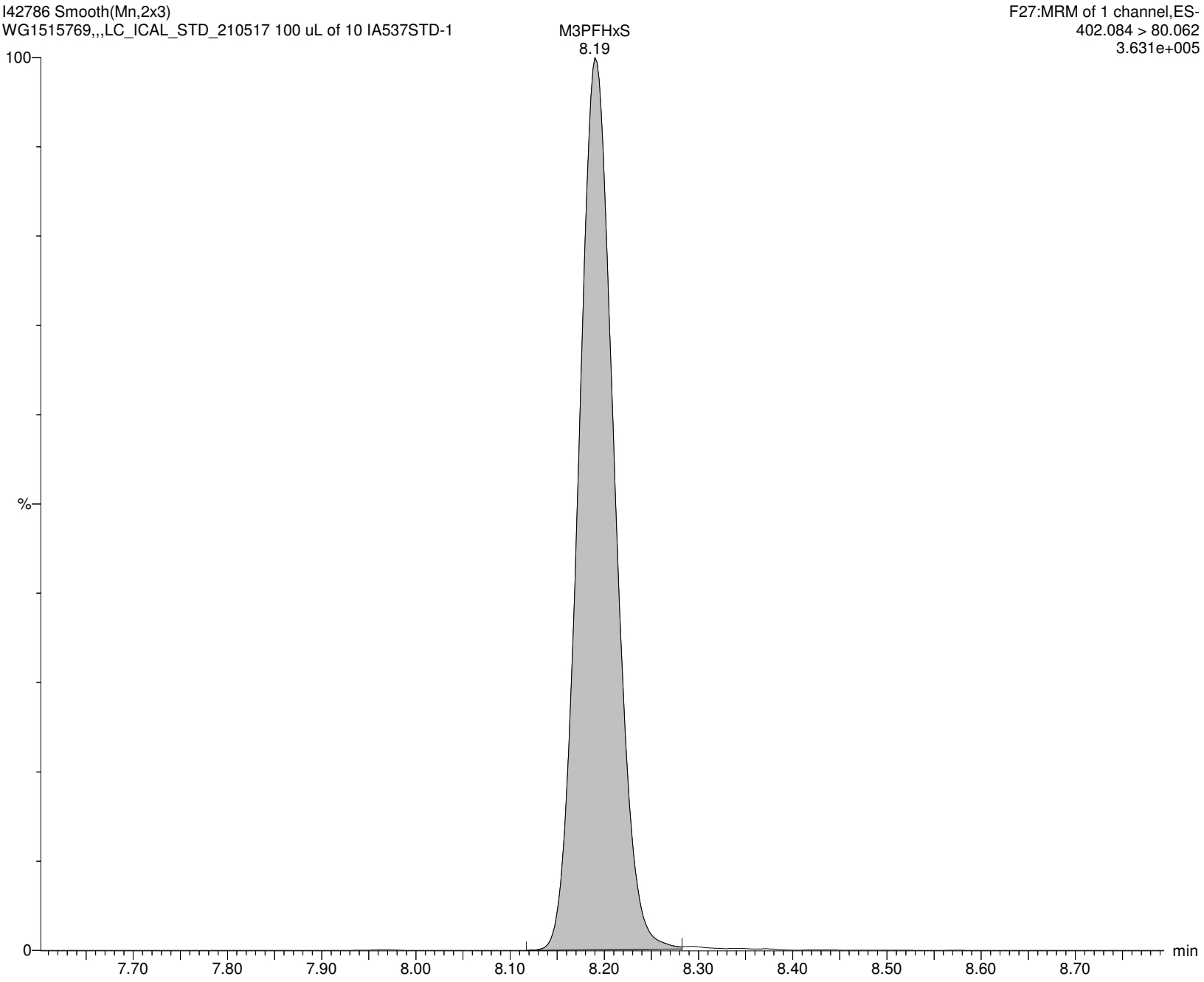


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFHxS

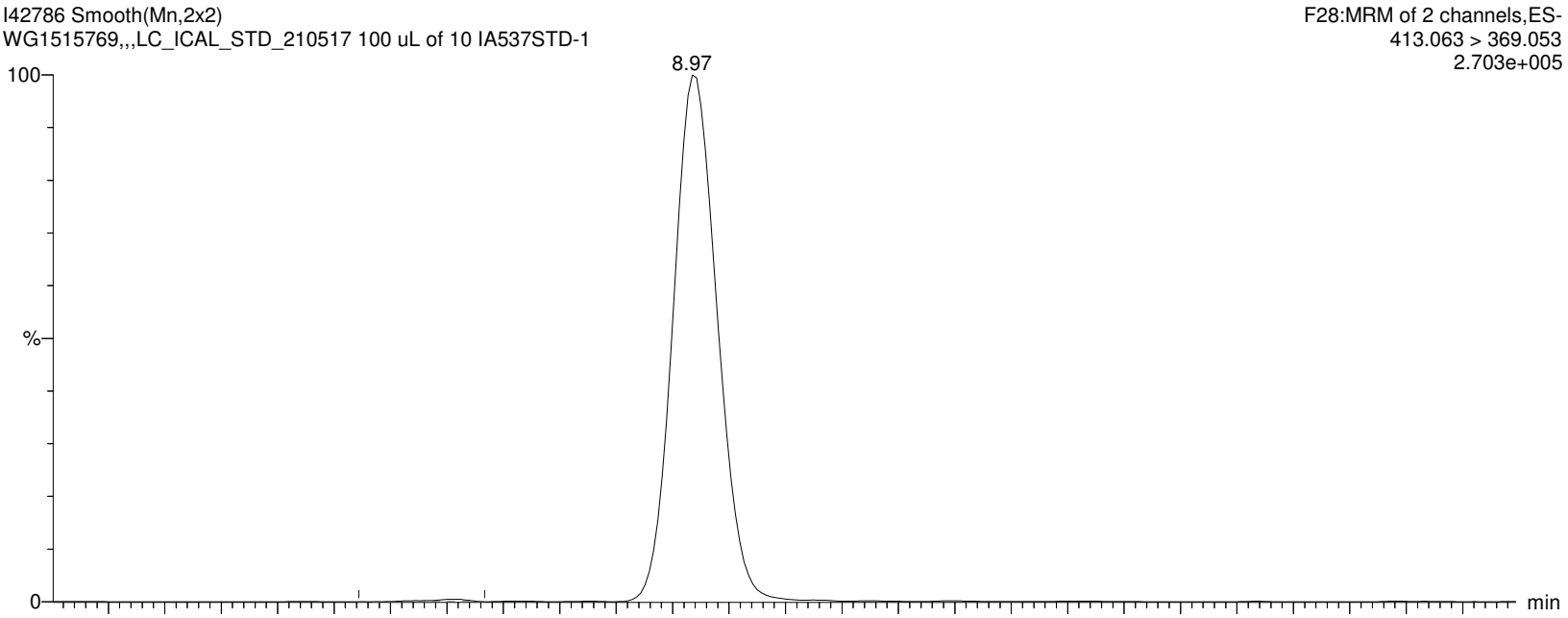


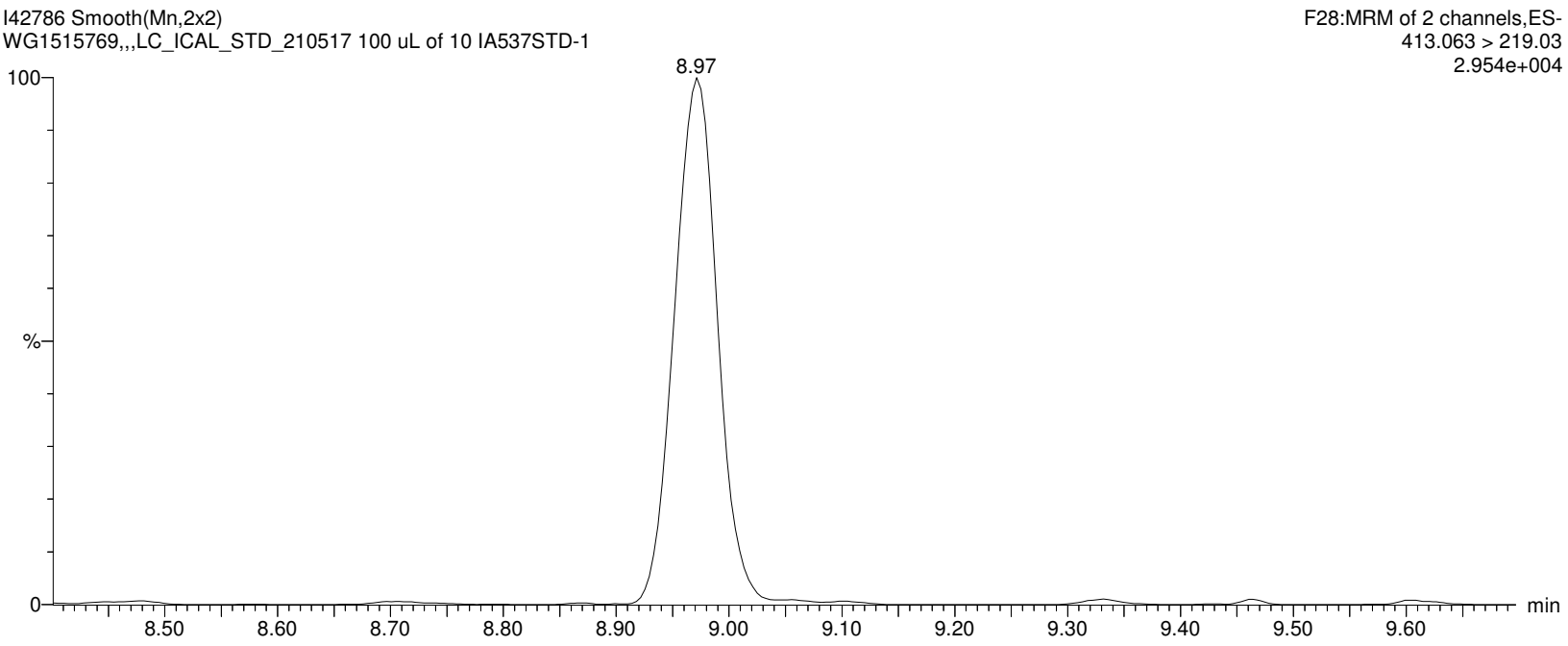
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOA



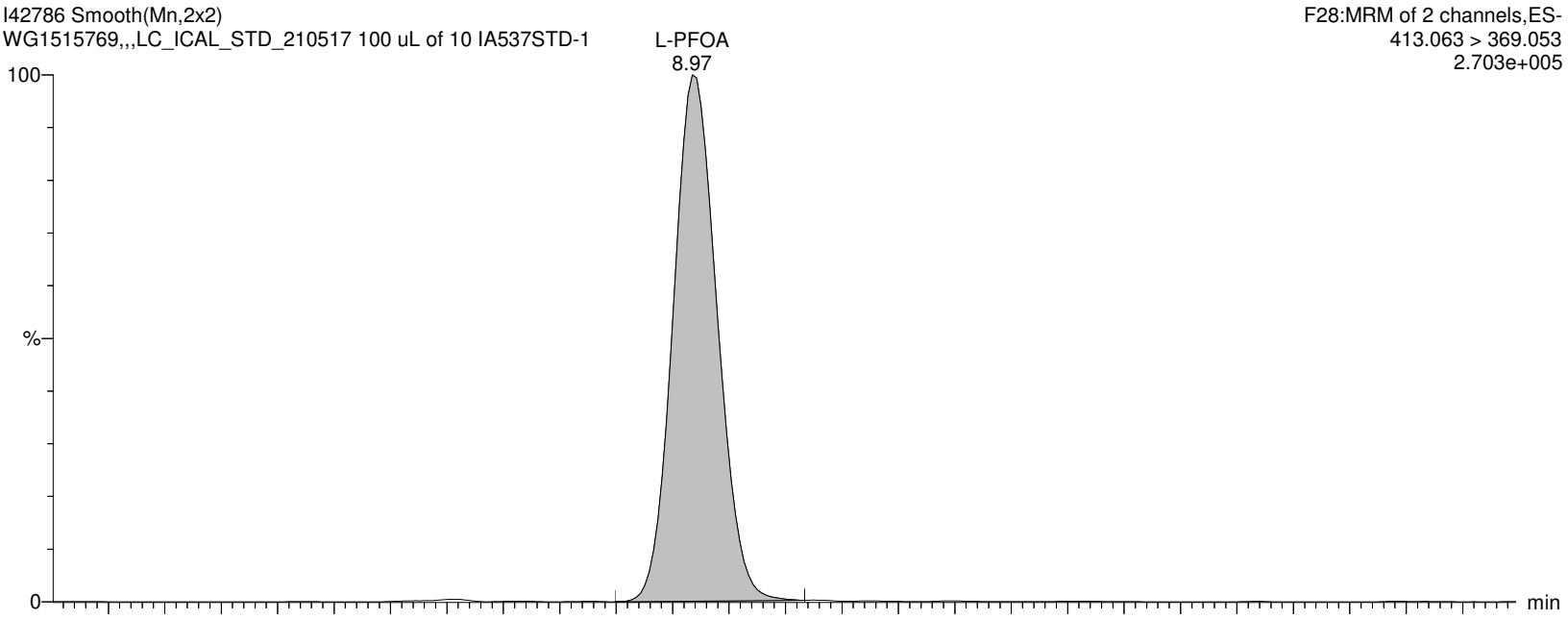


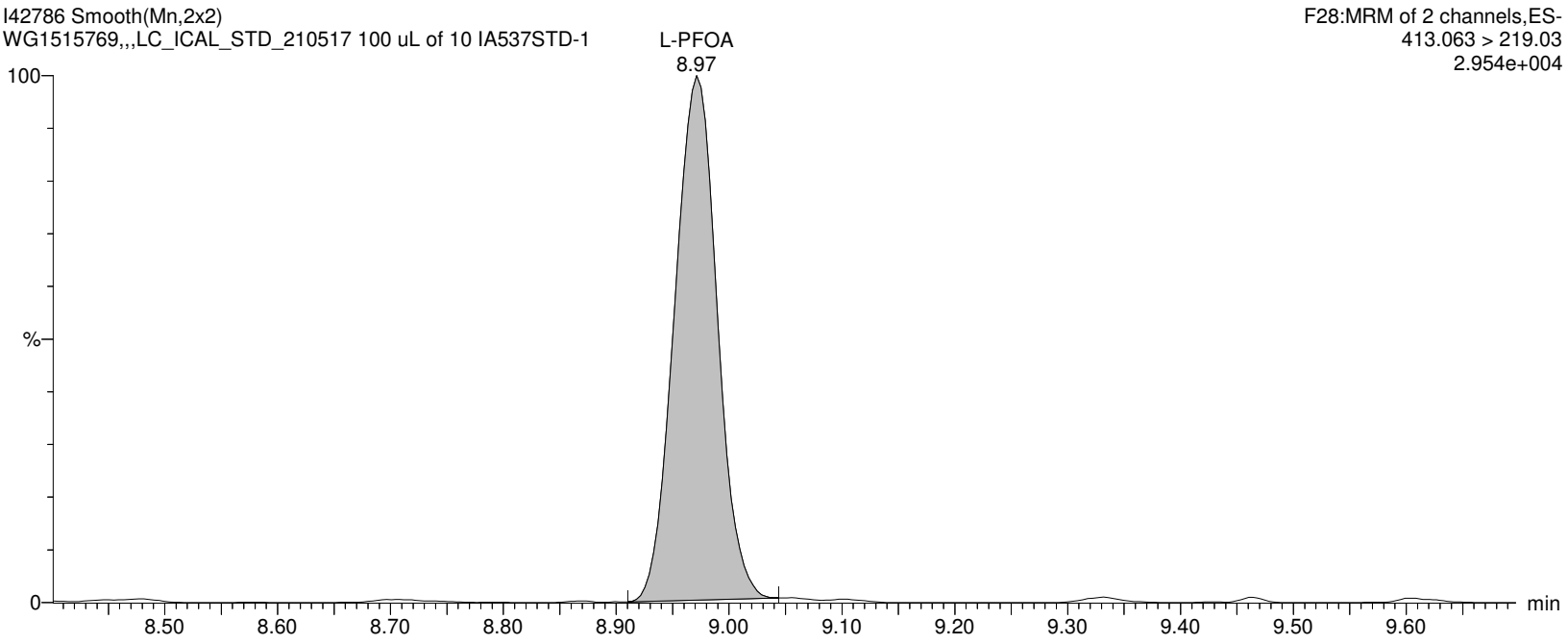
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOA



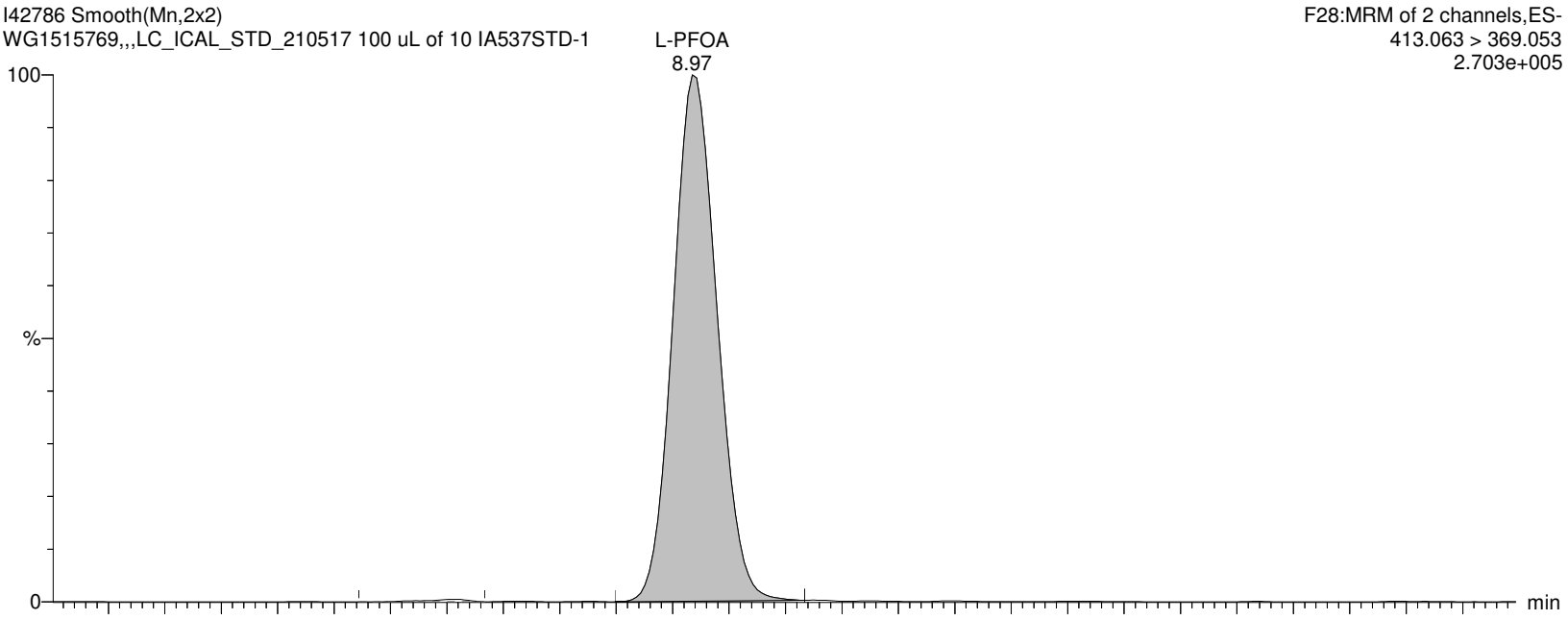


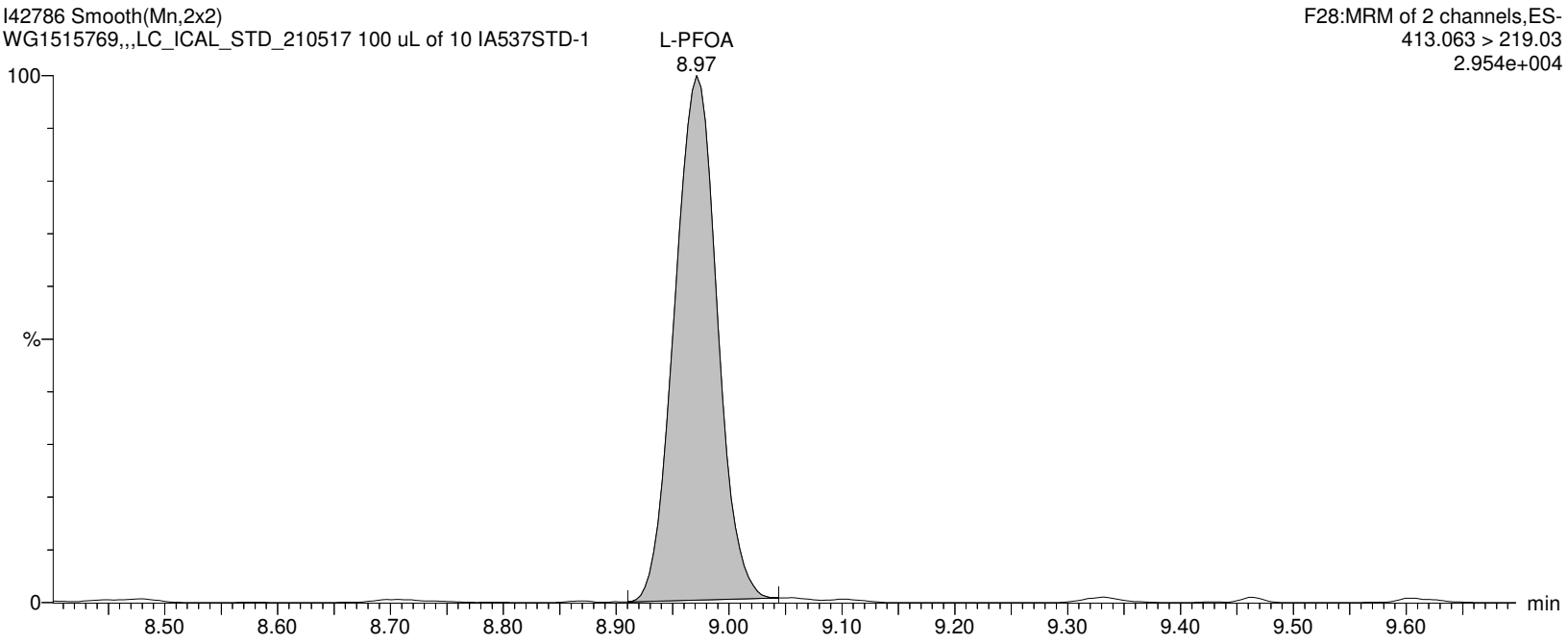
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOA



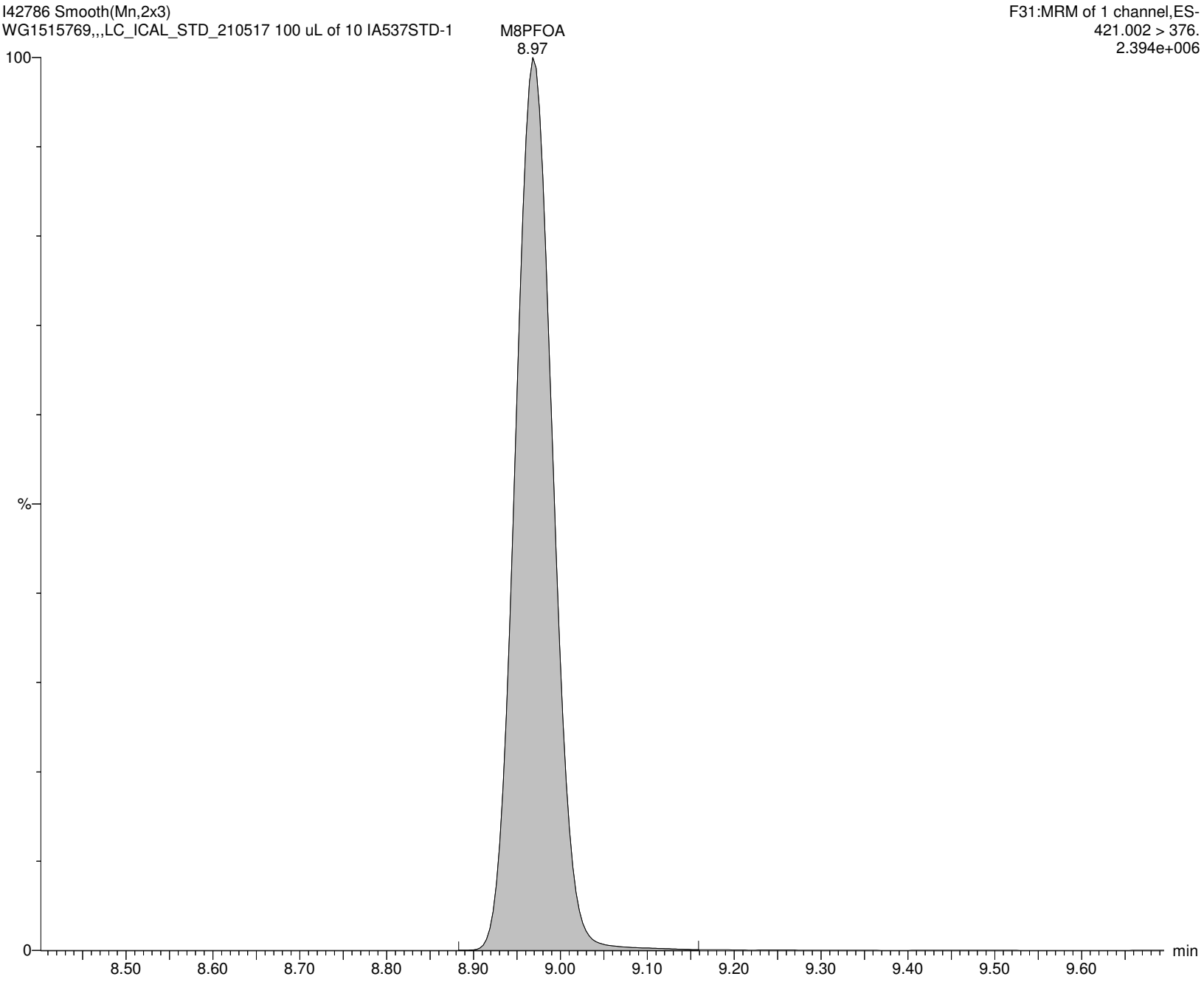


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOA

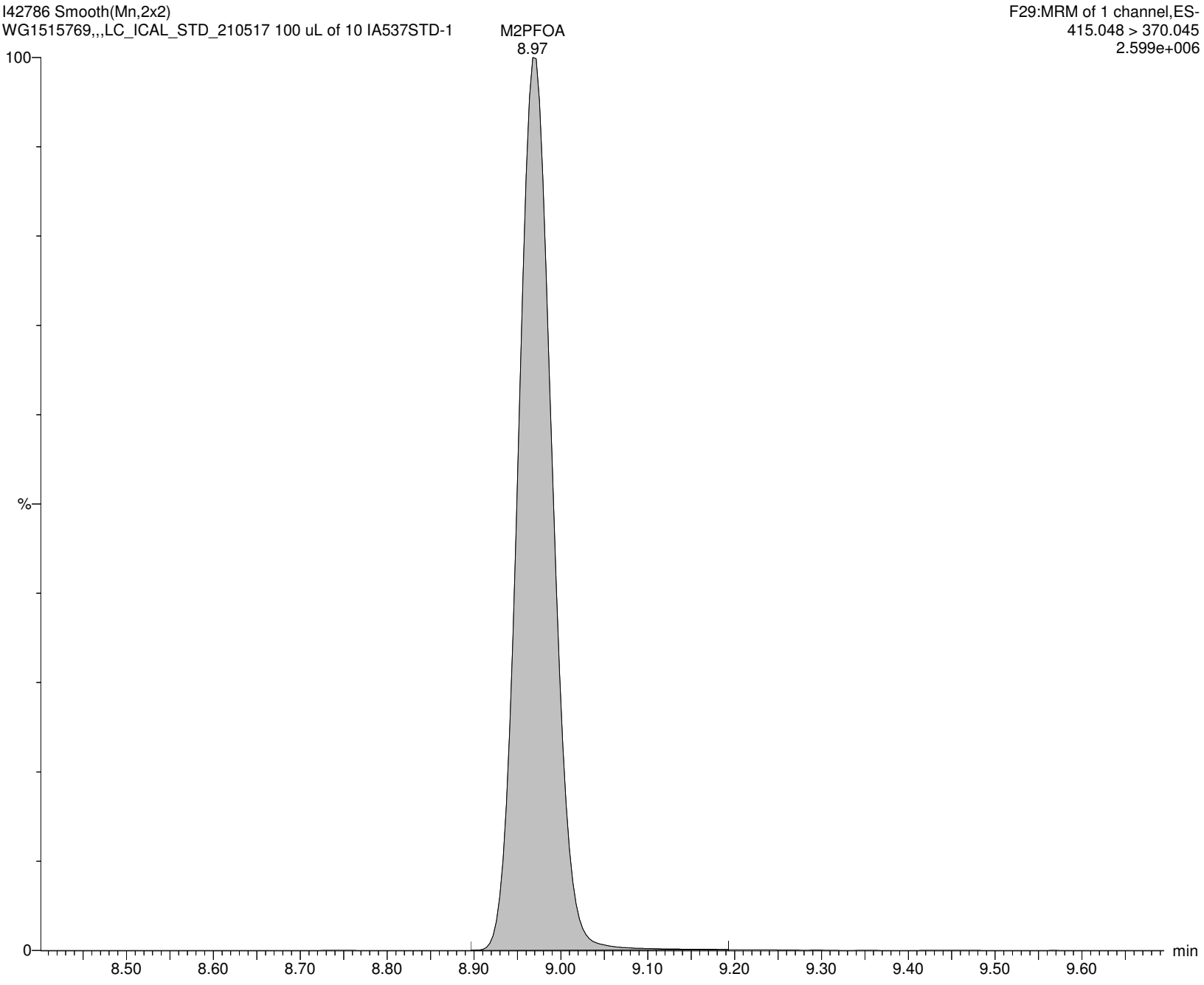


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFOA

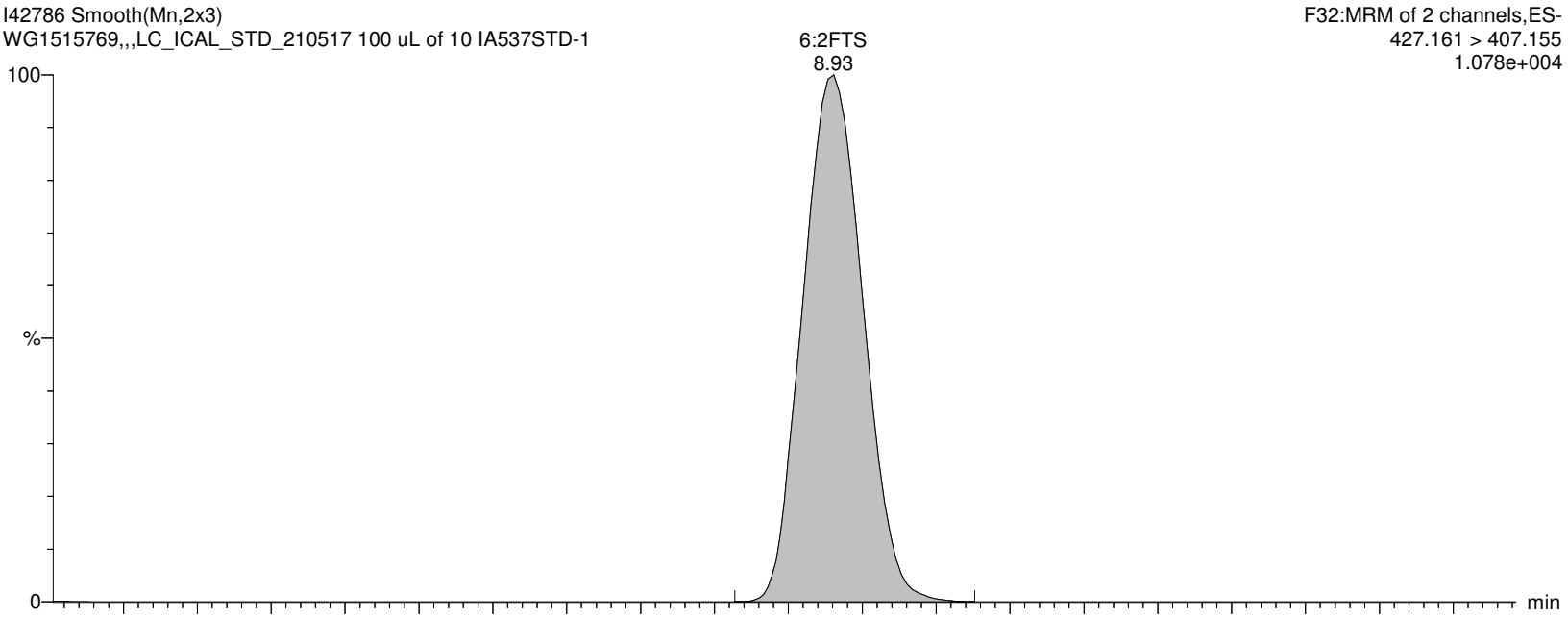


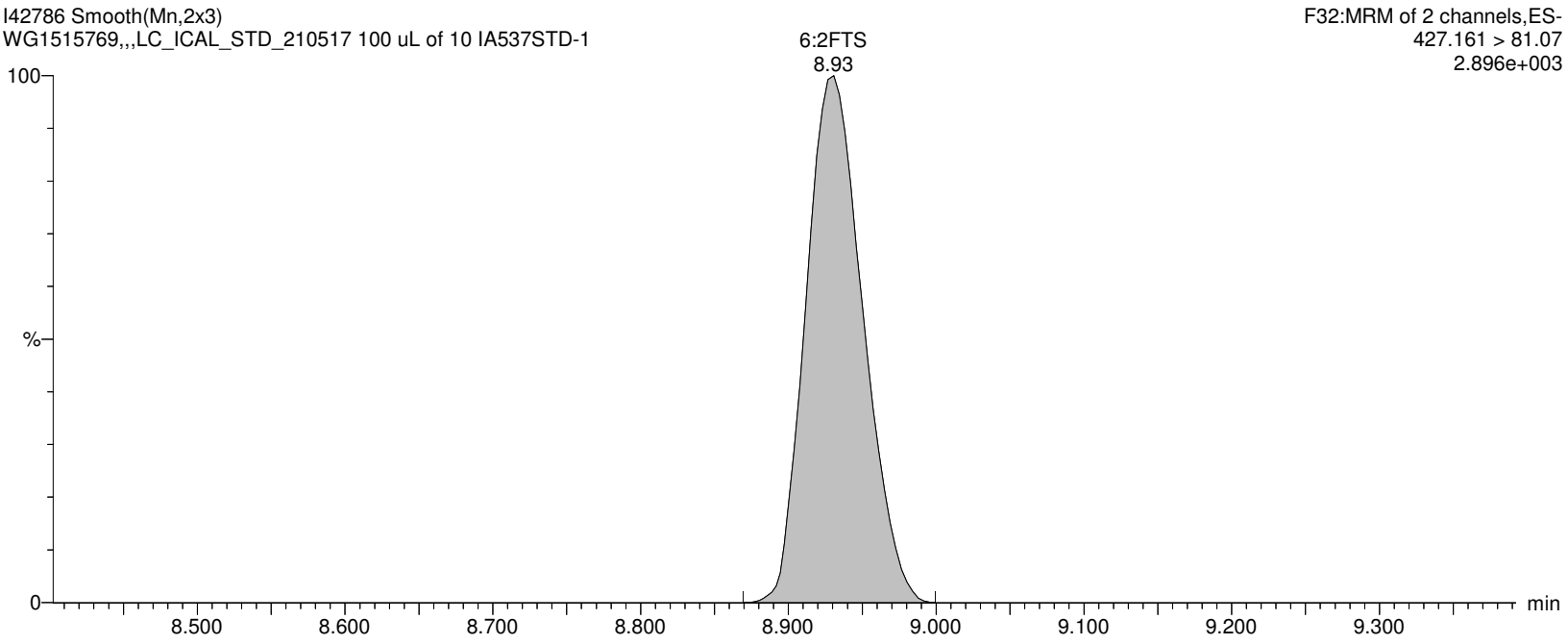
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

6:2FTS



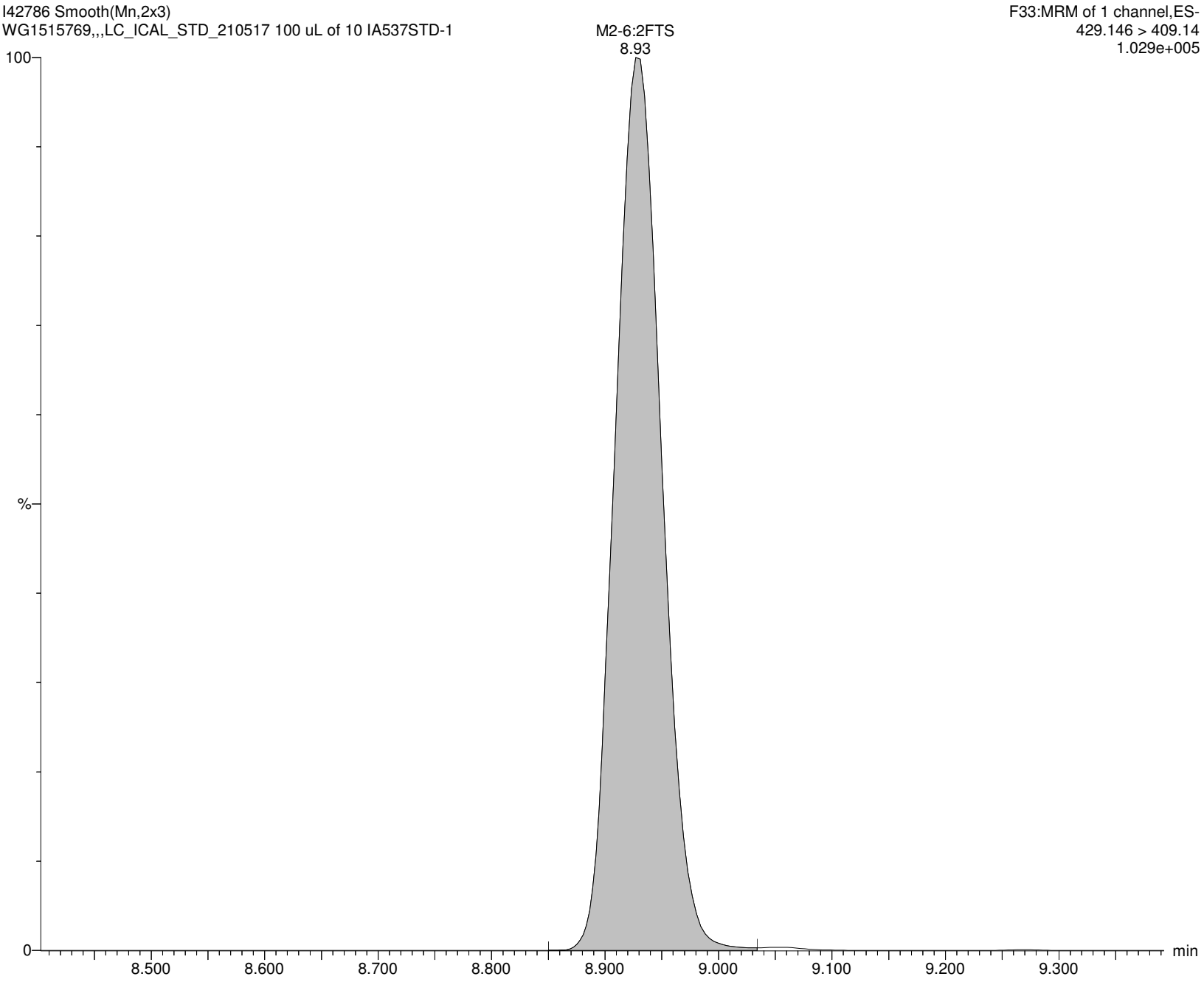


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-6:2FTS

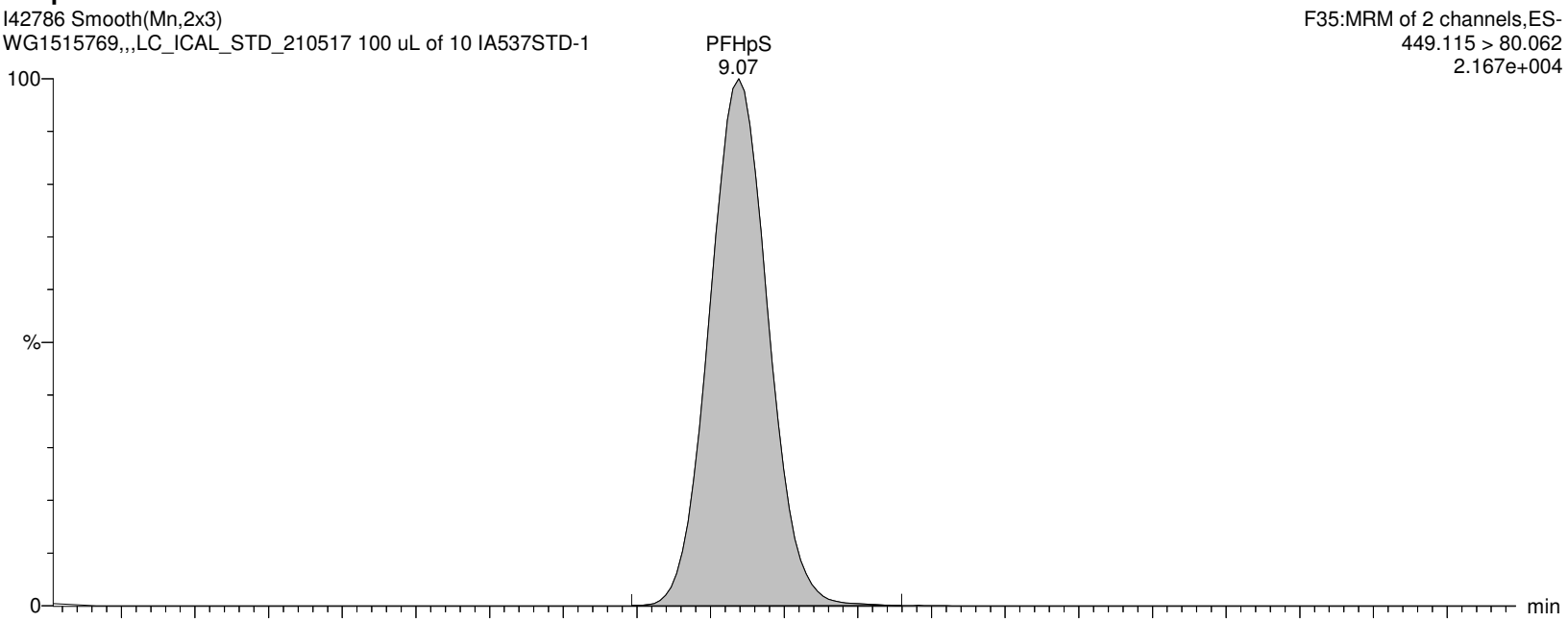


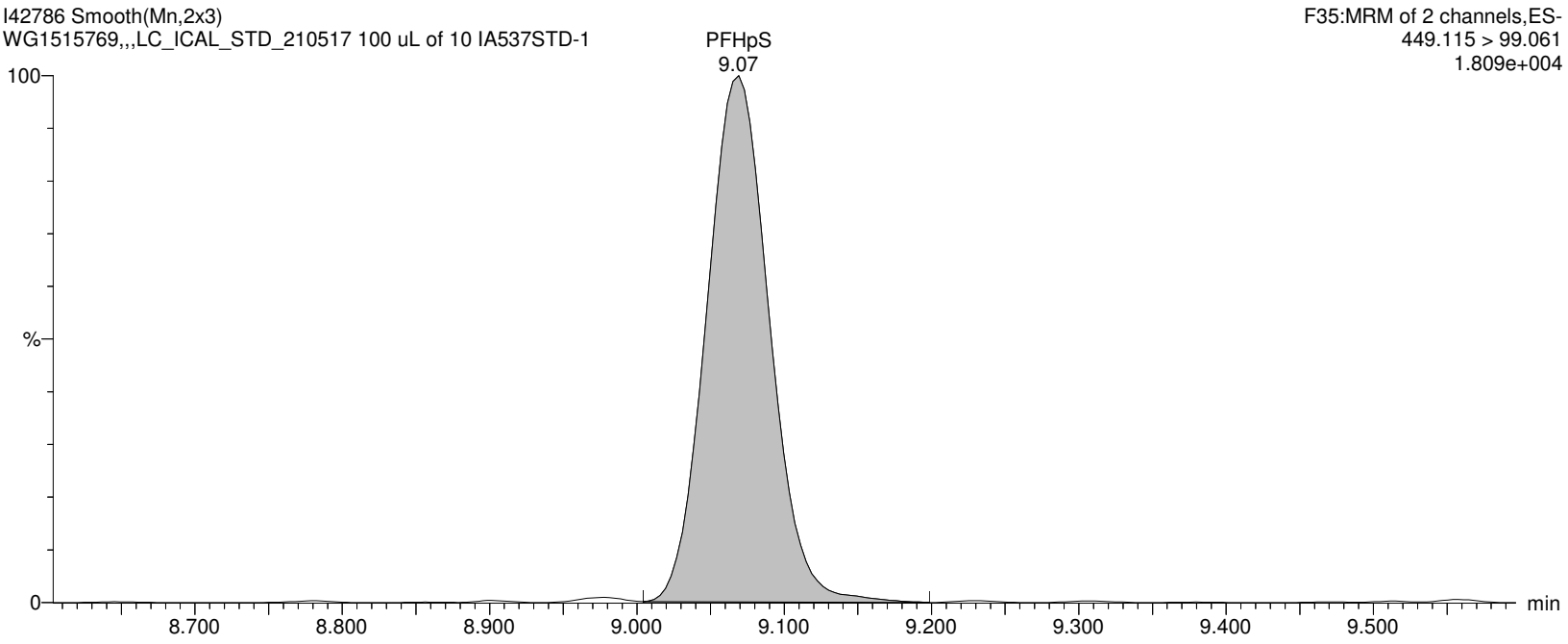
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpS



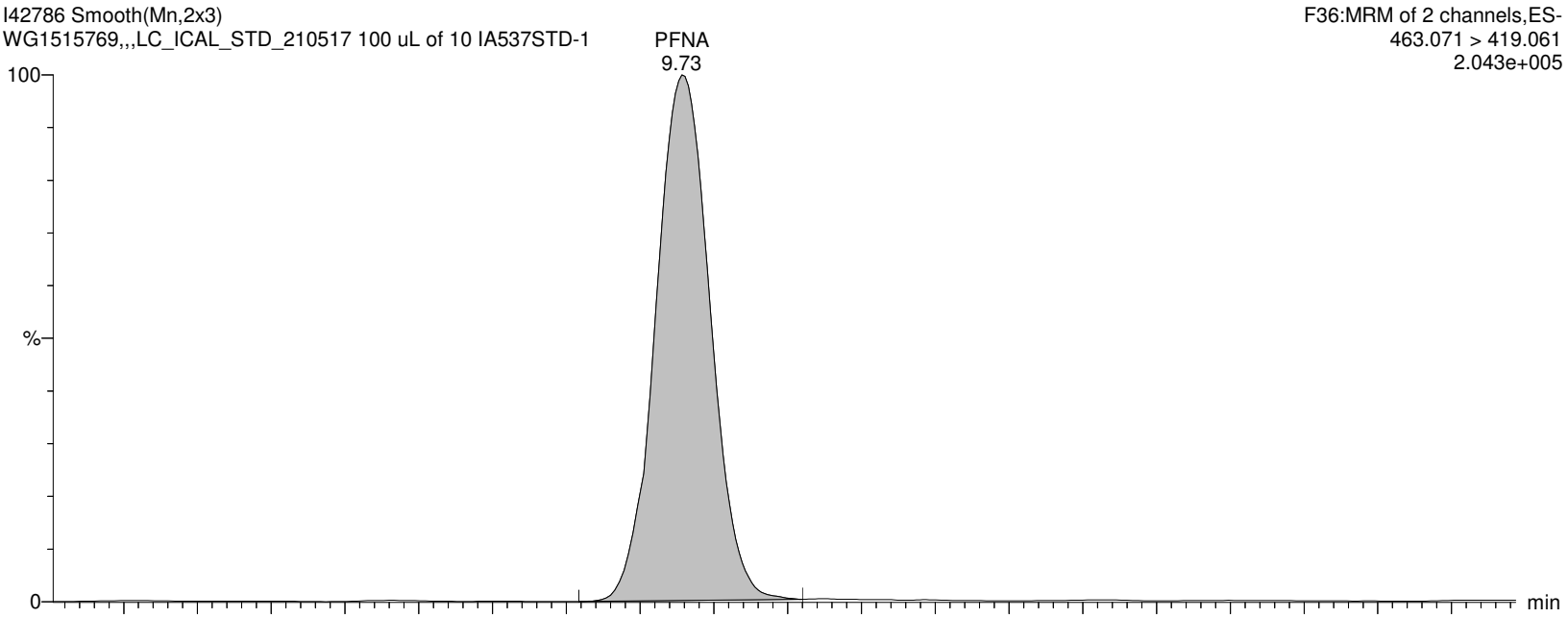


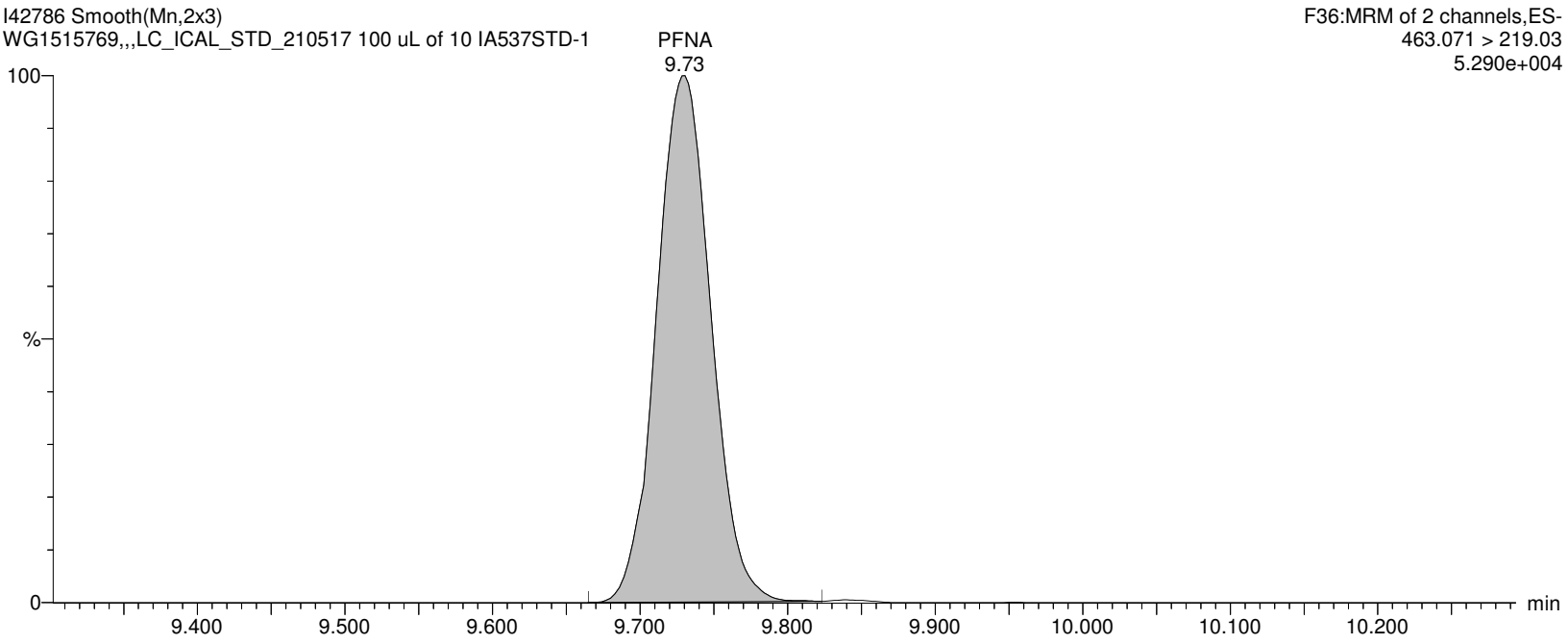
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNA



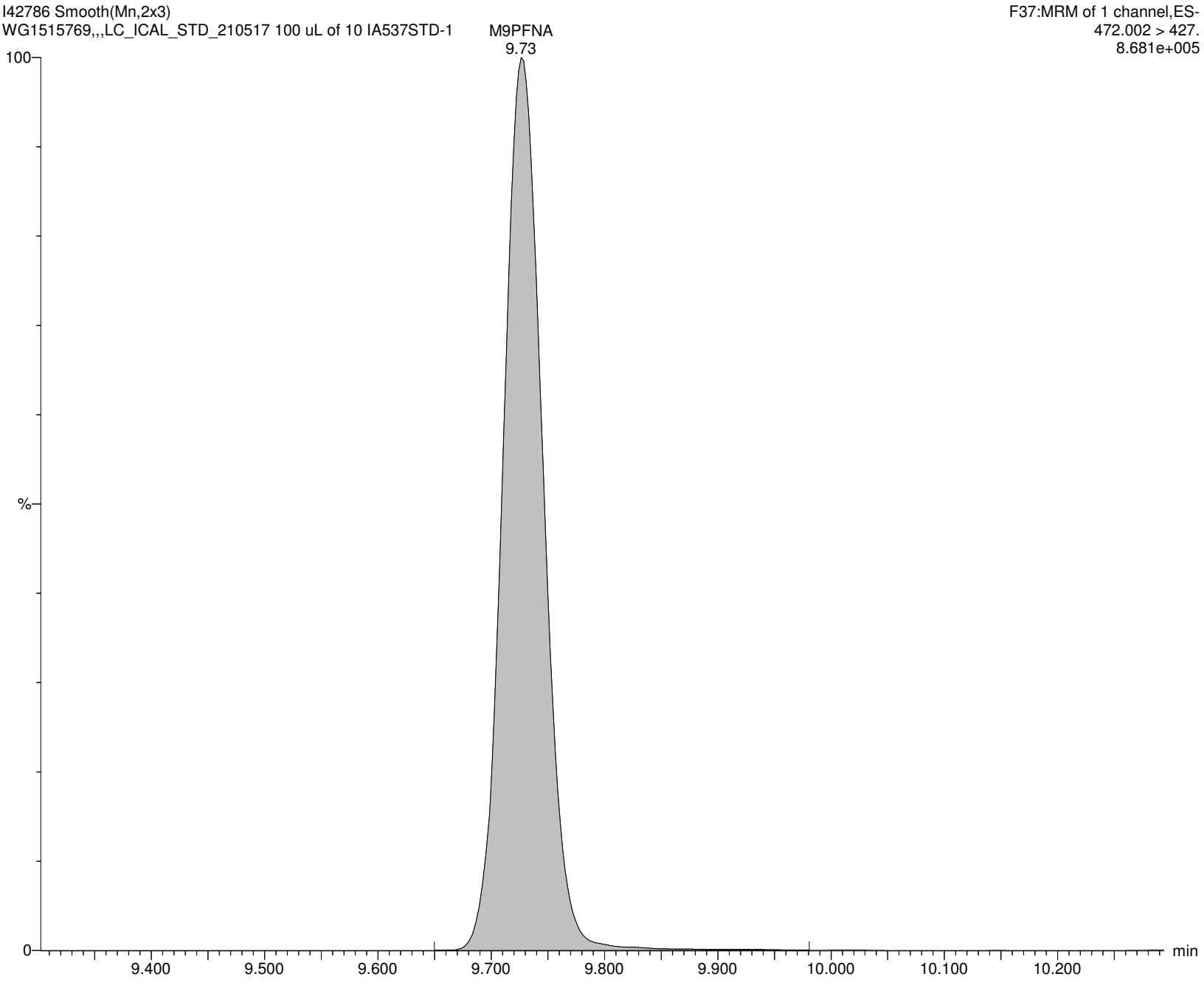


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M9PFNA

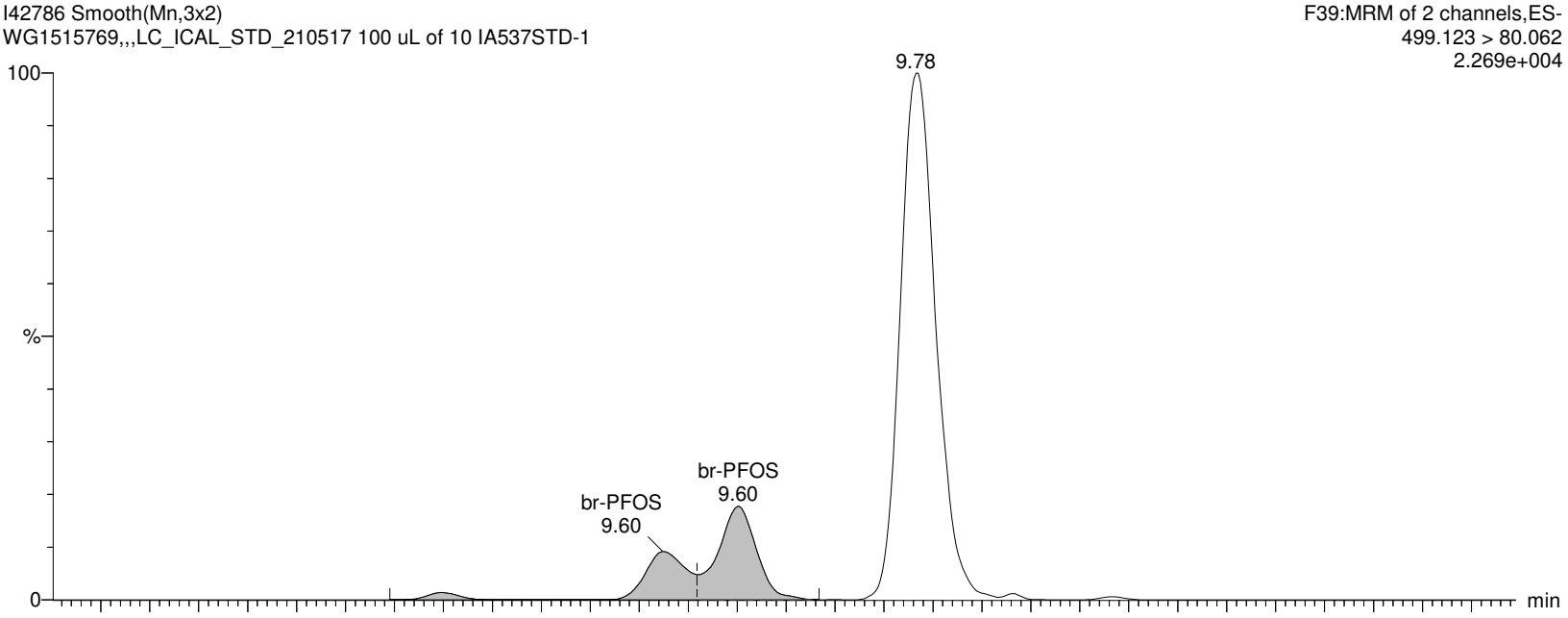


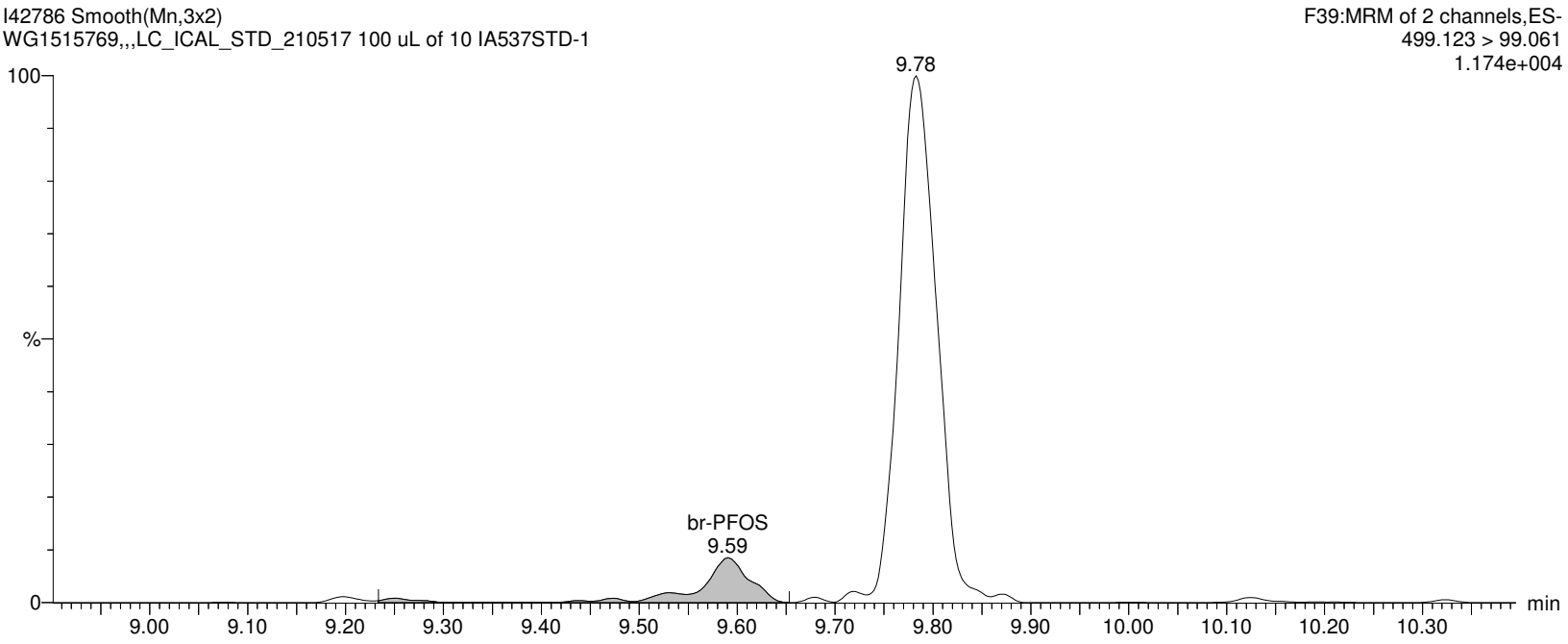
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOS



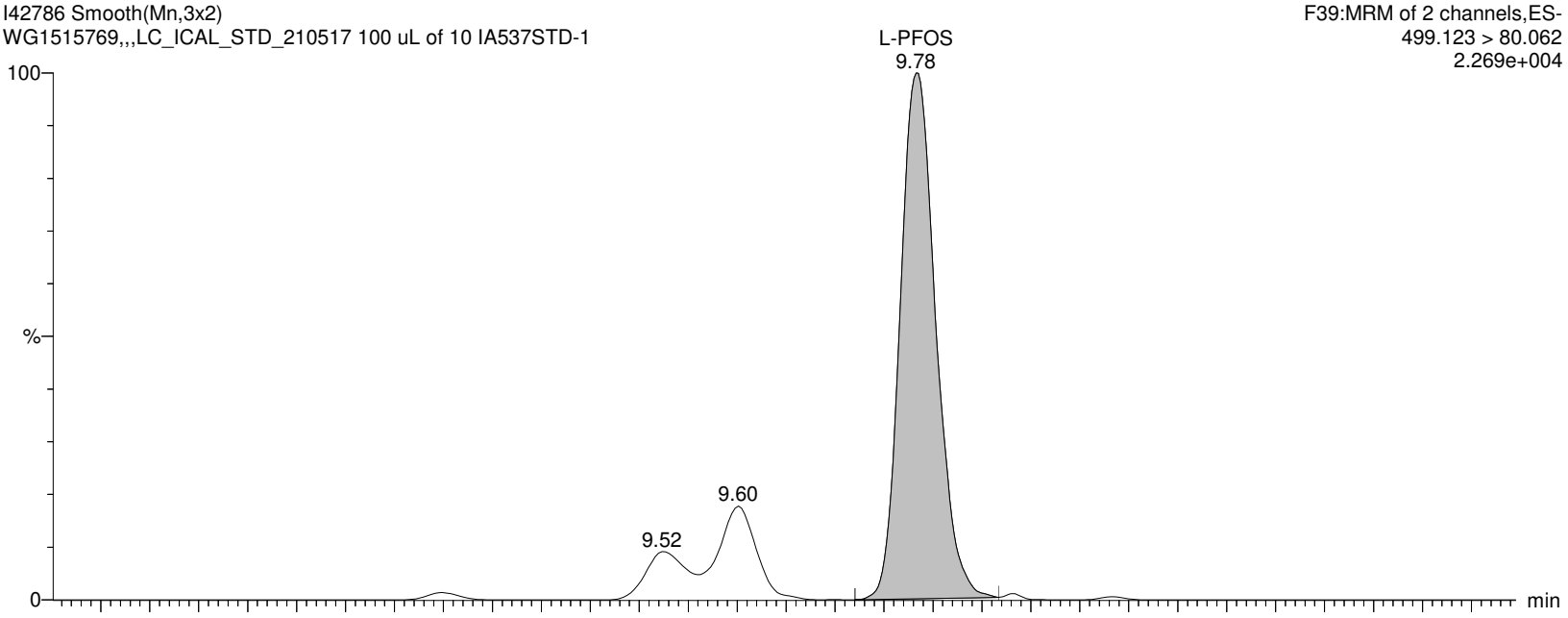


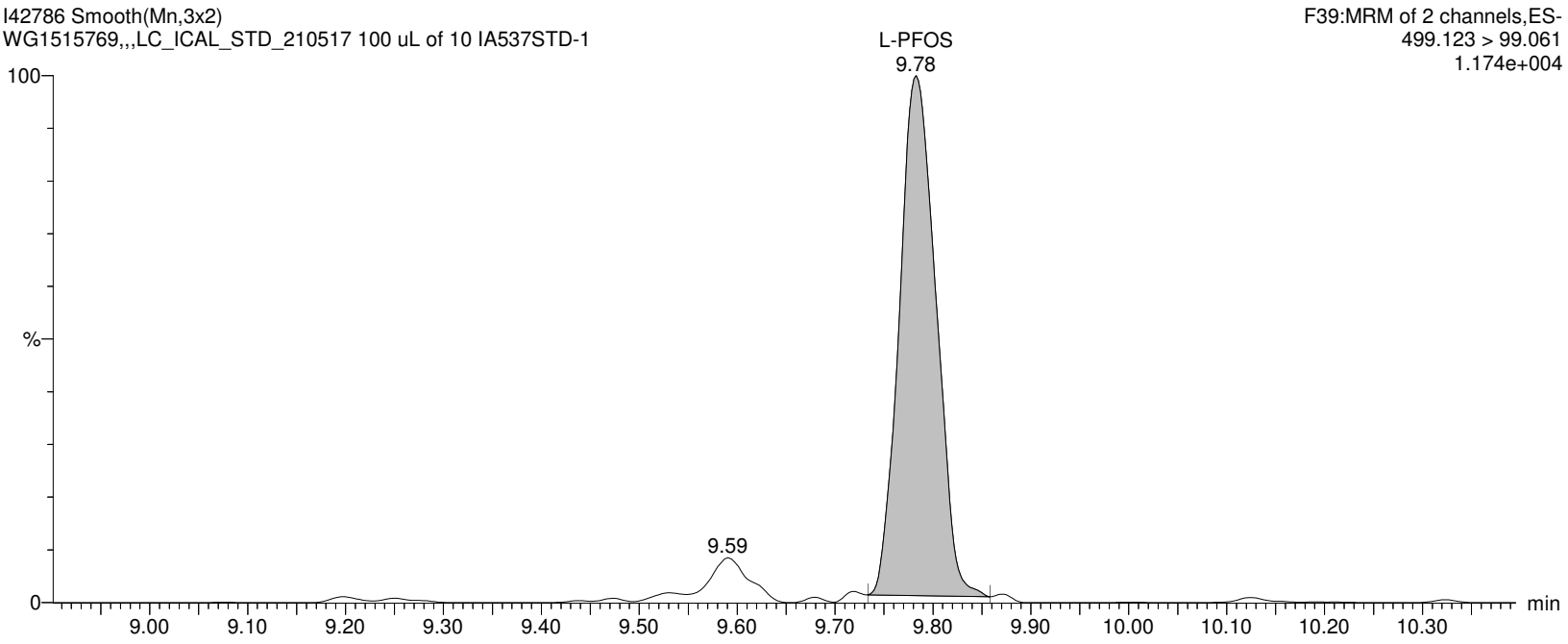
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOS



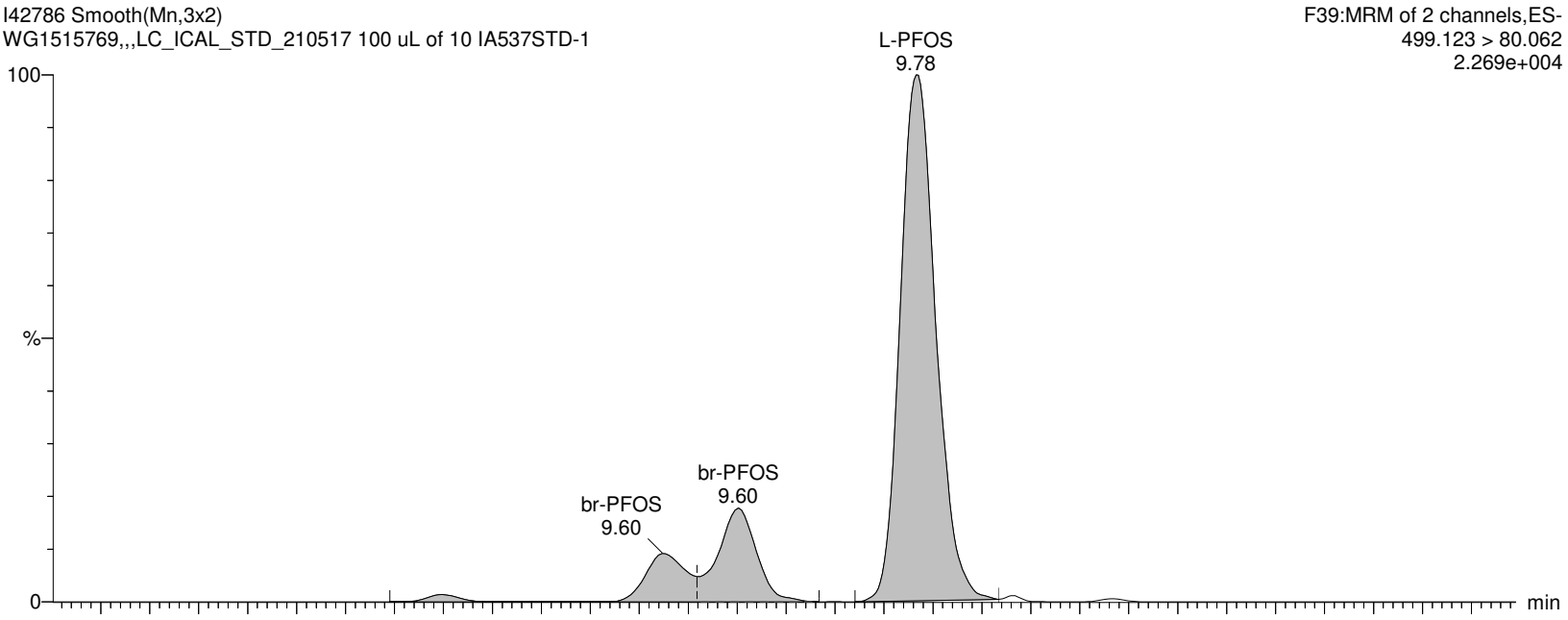


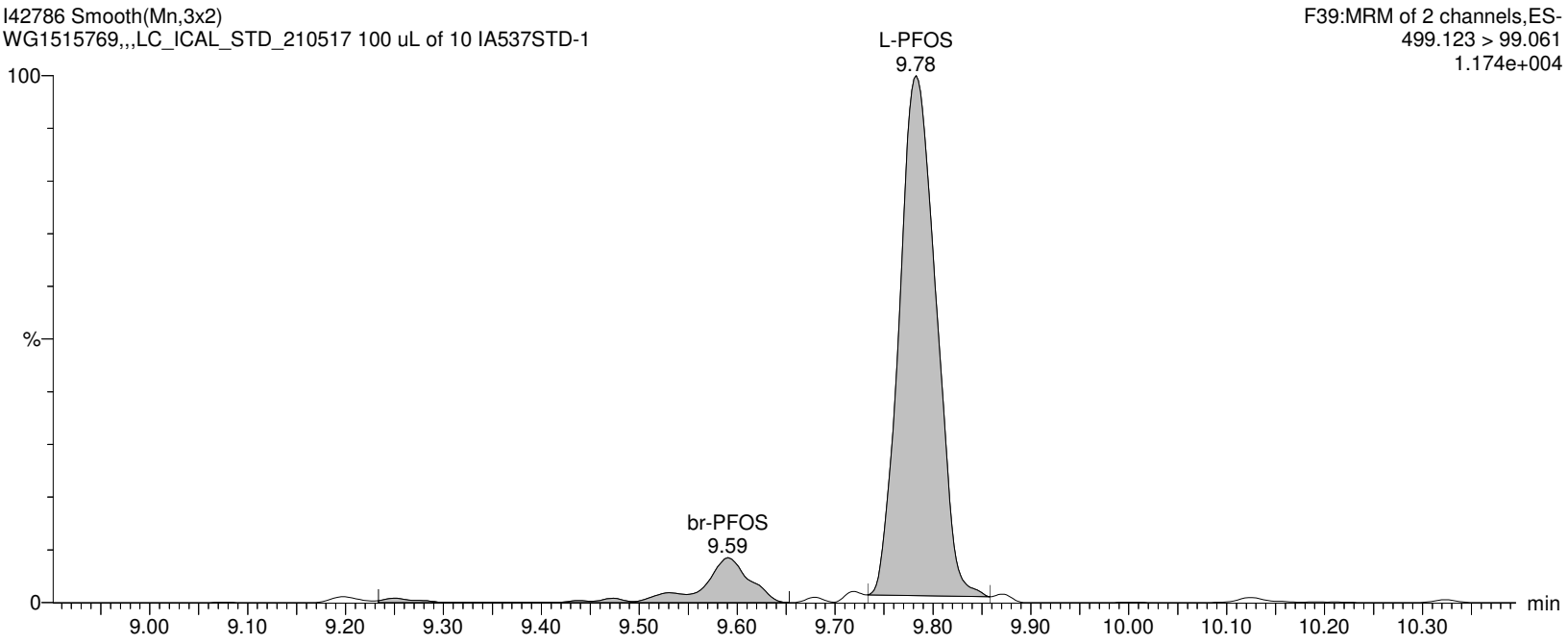
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOS



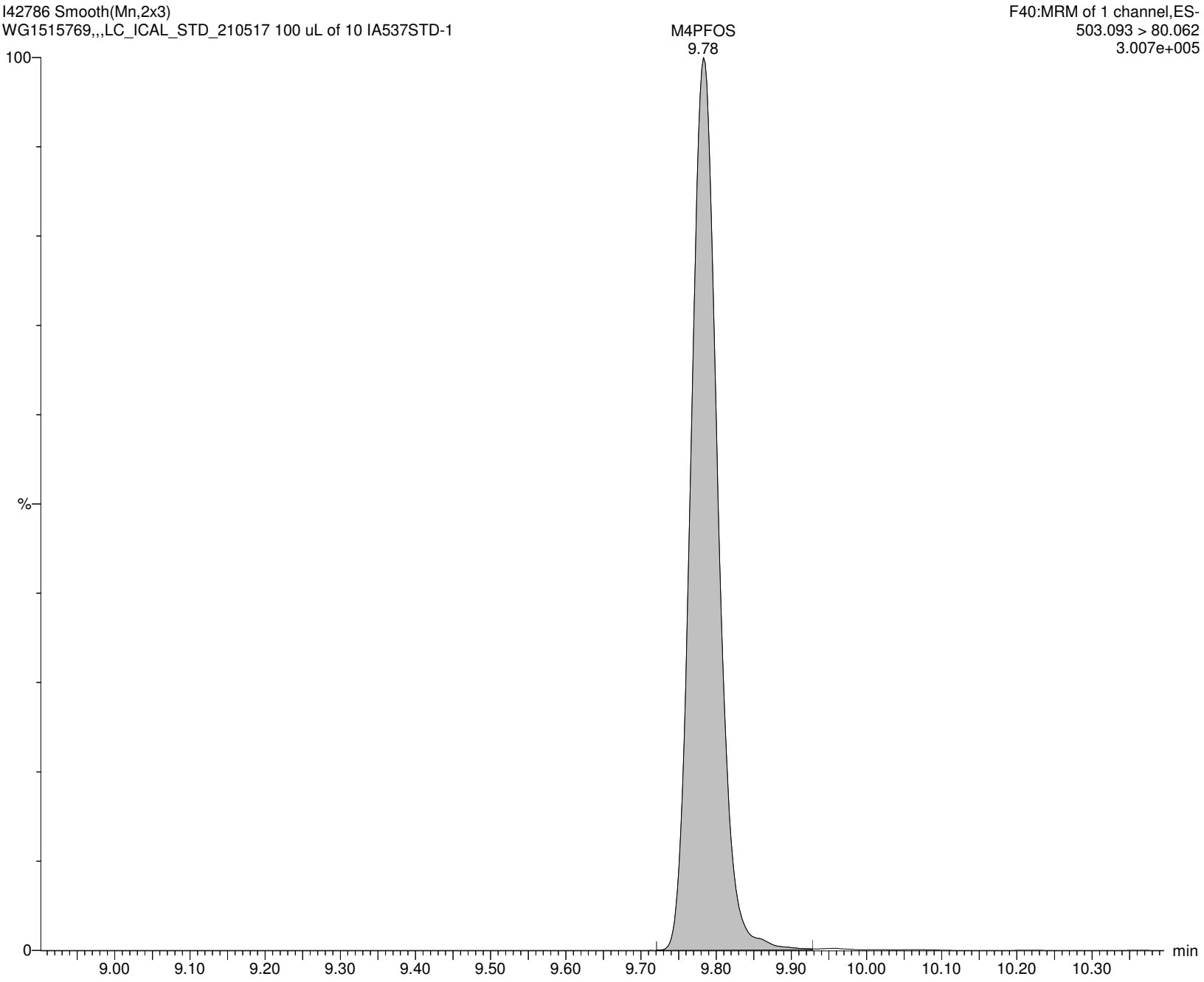


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOS

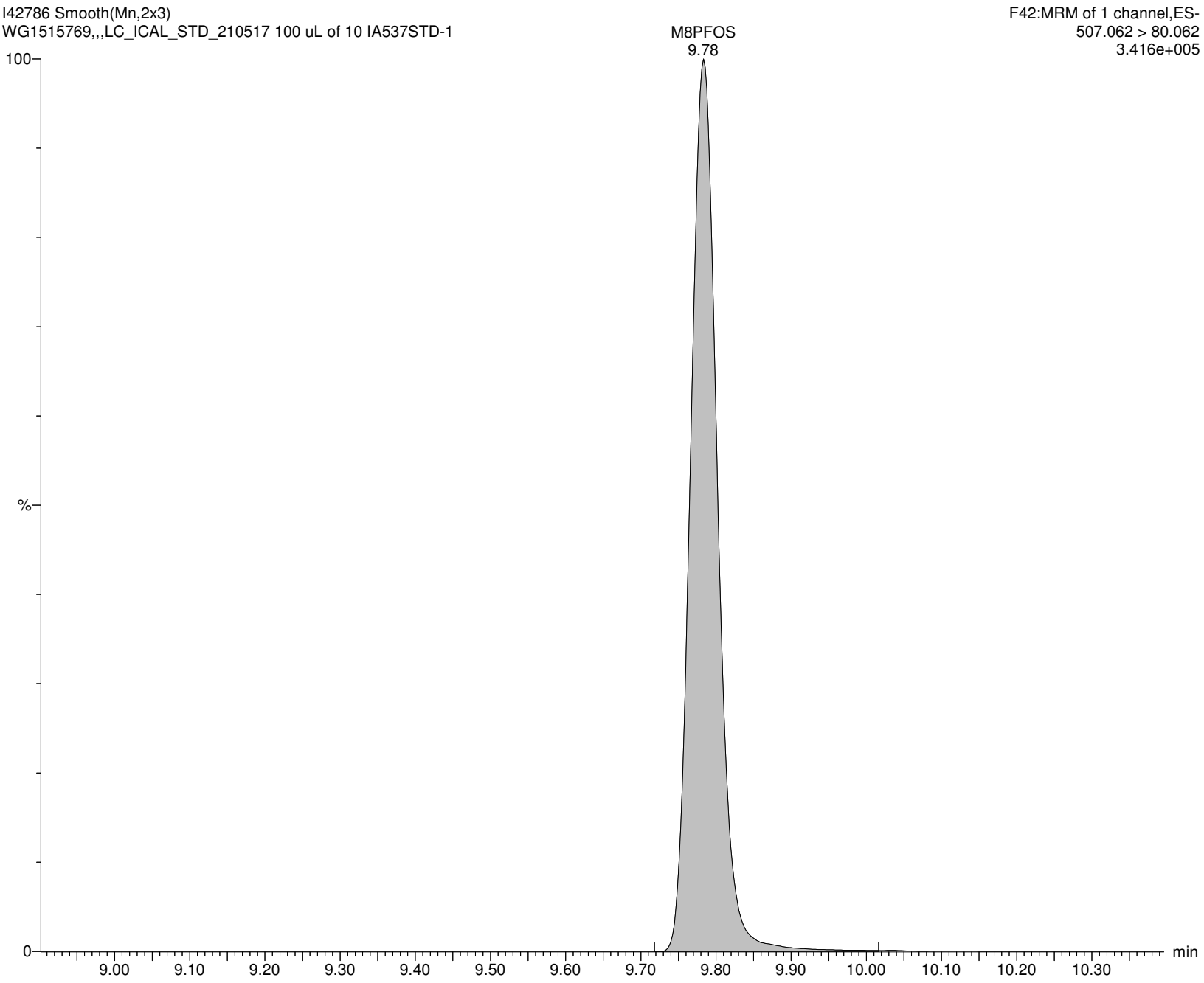


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOS

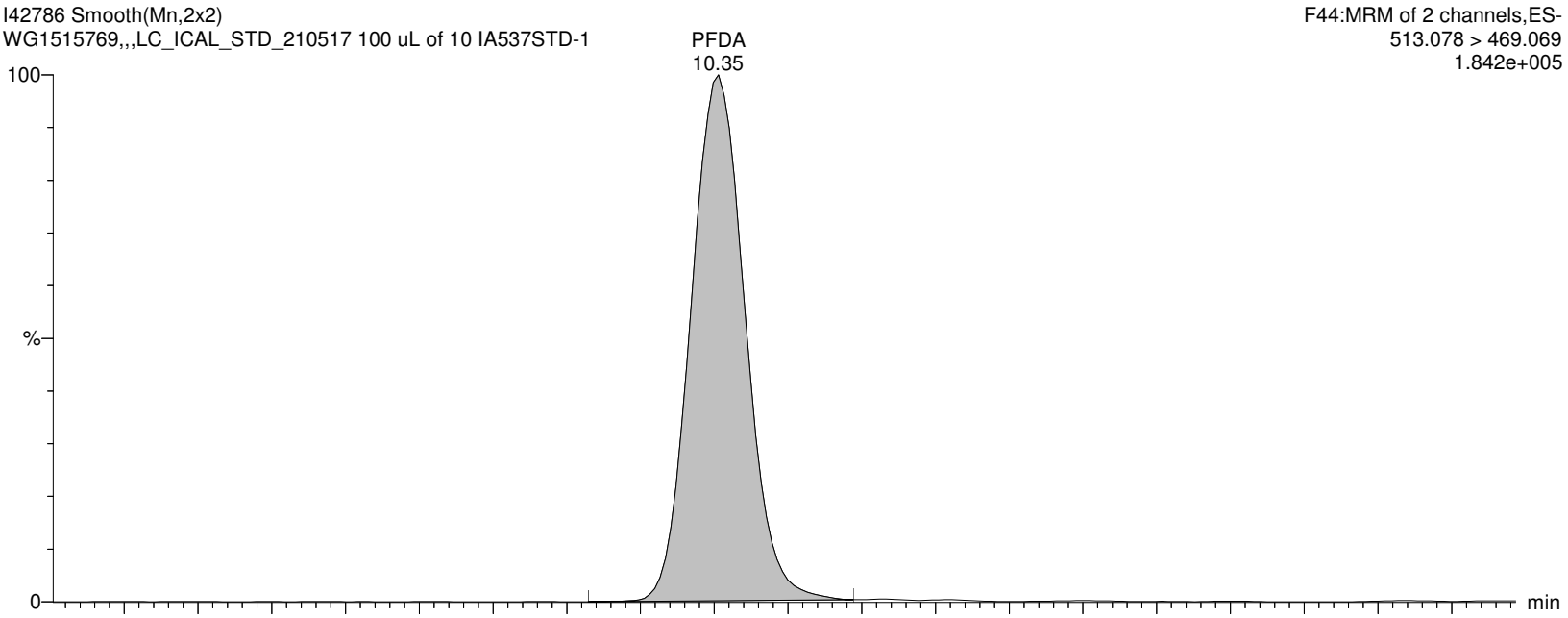


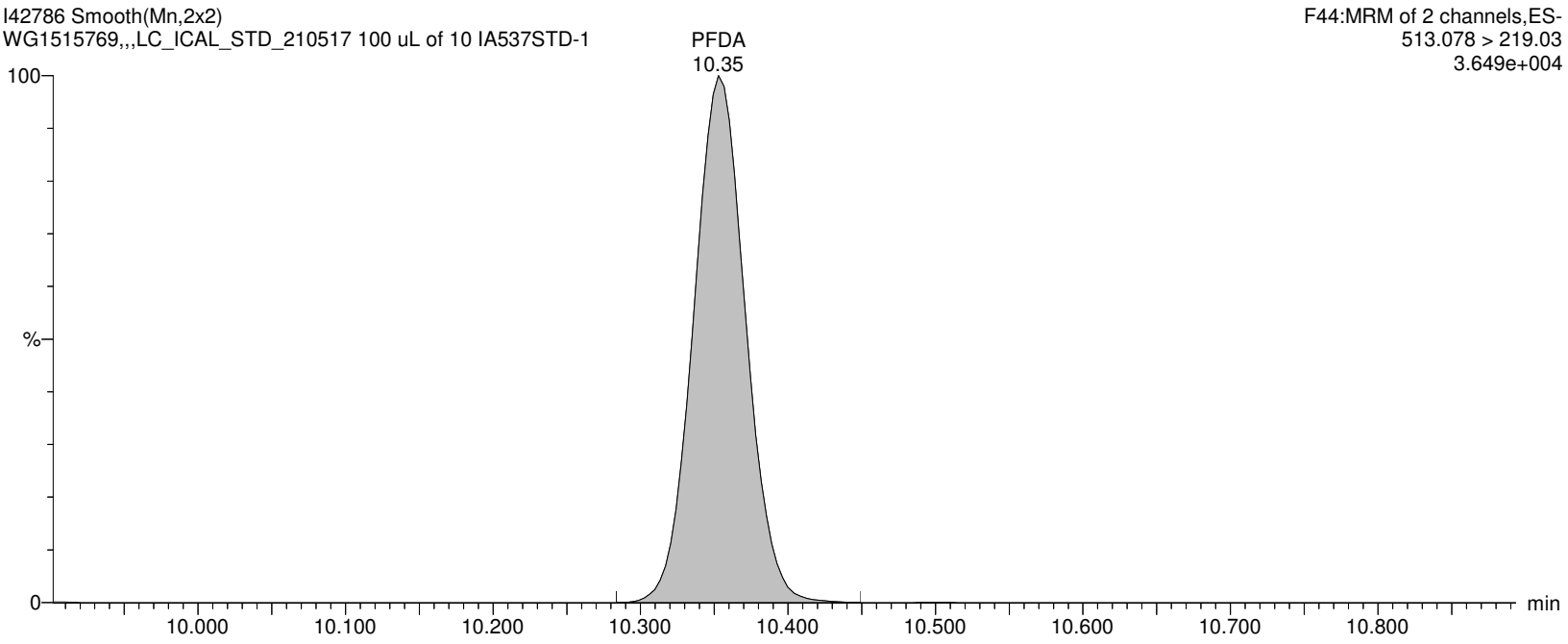
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDA



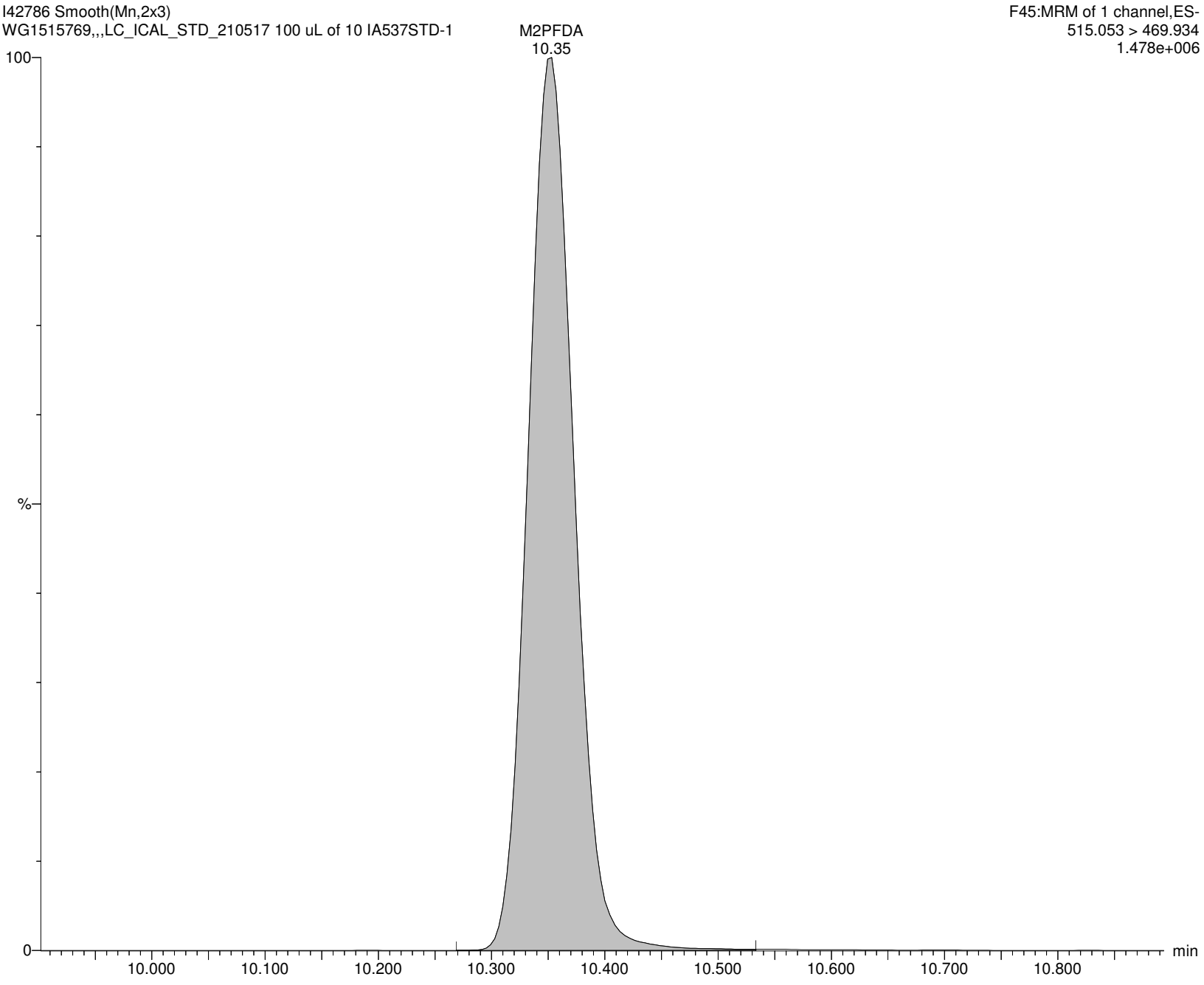


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFDA

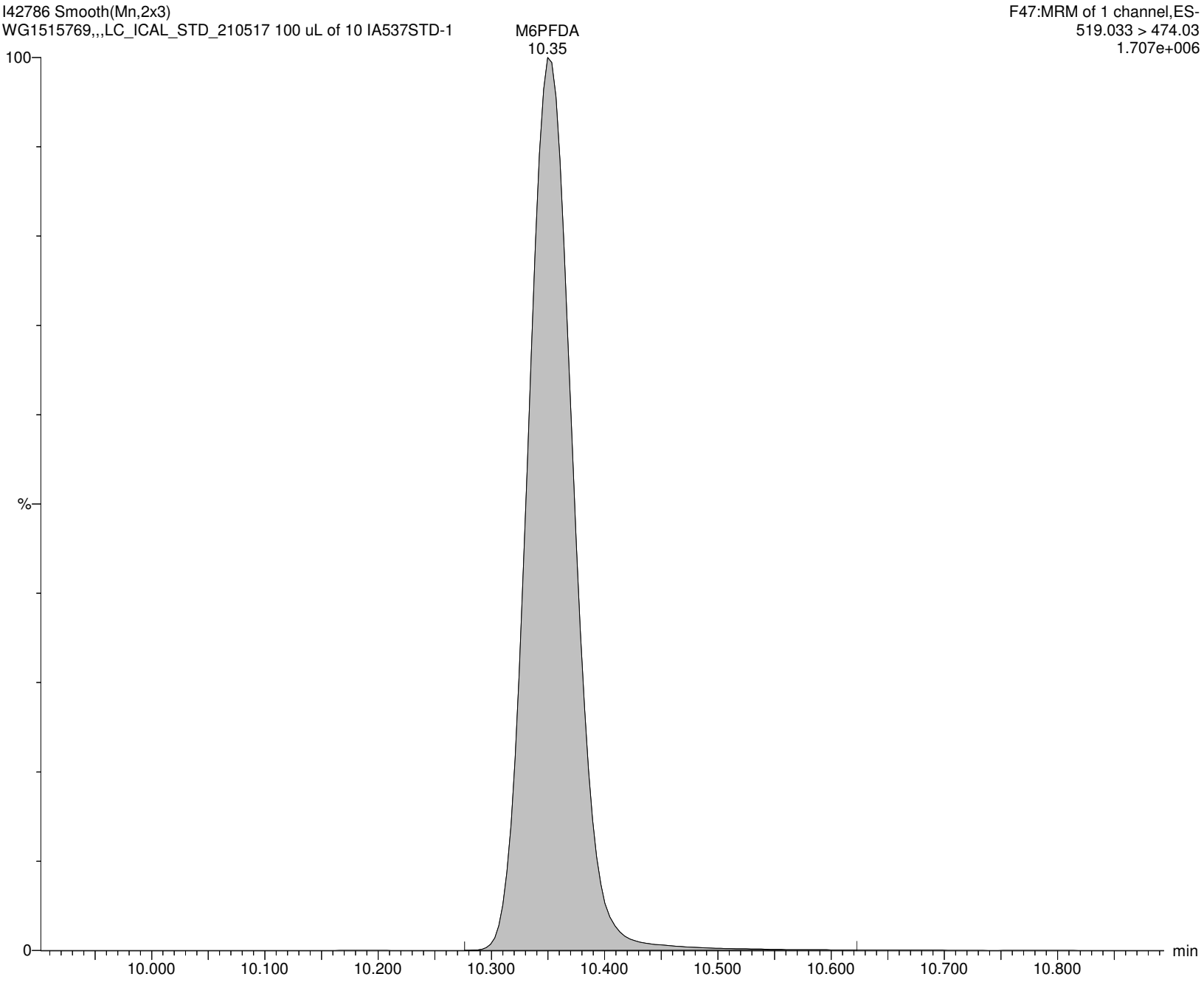


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M6PFDA

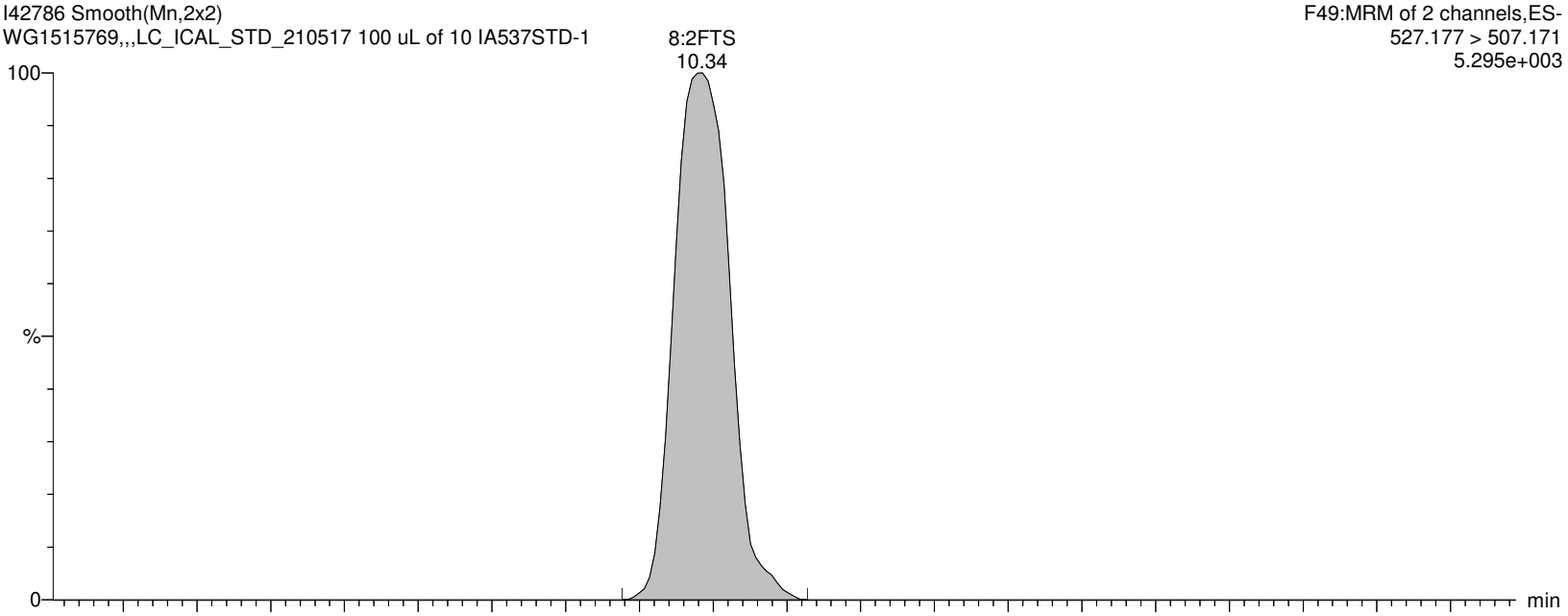


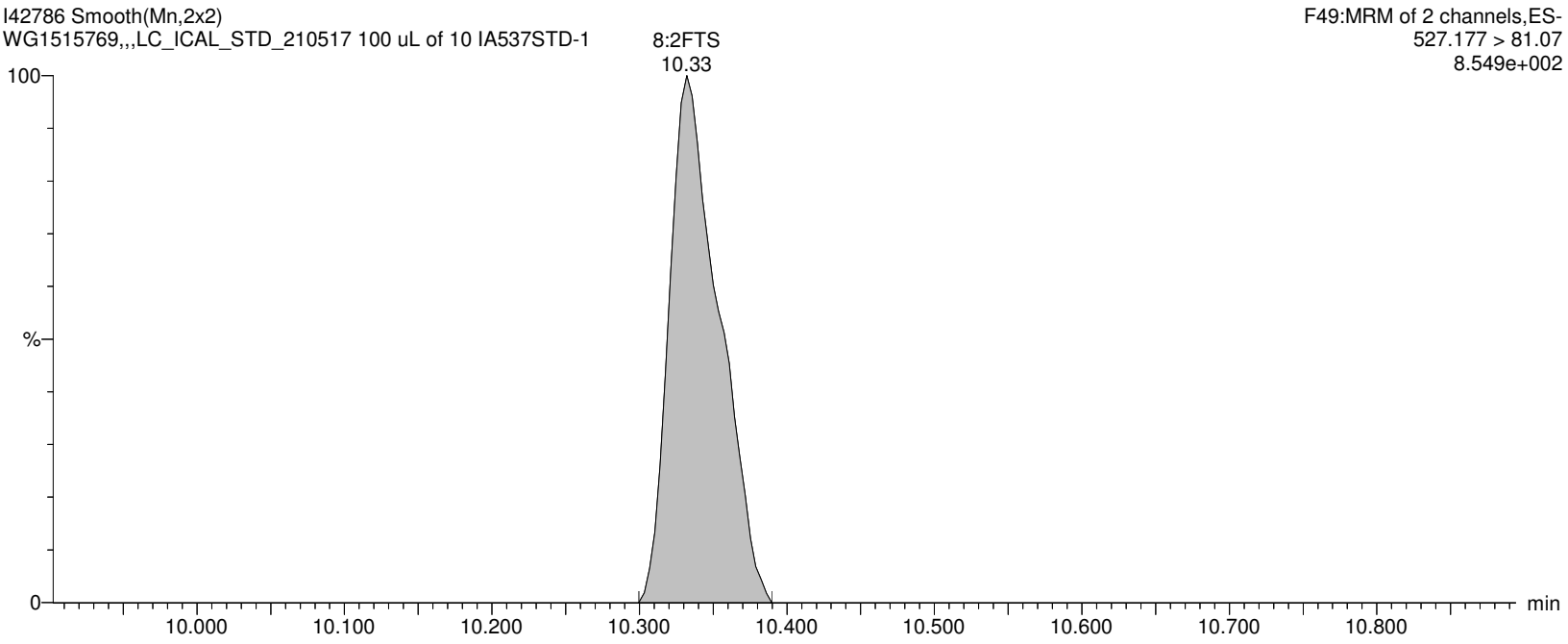
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

8:2FTS



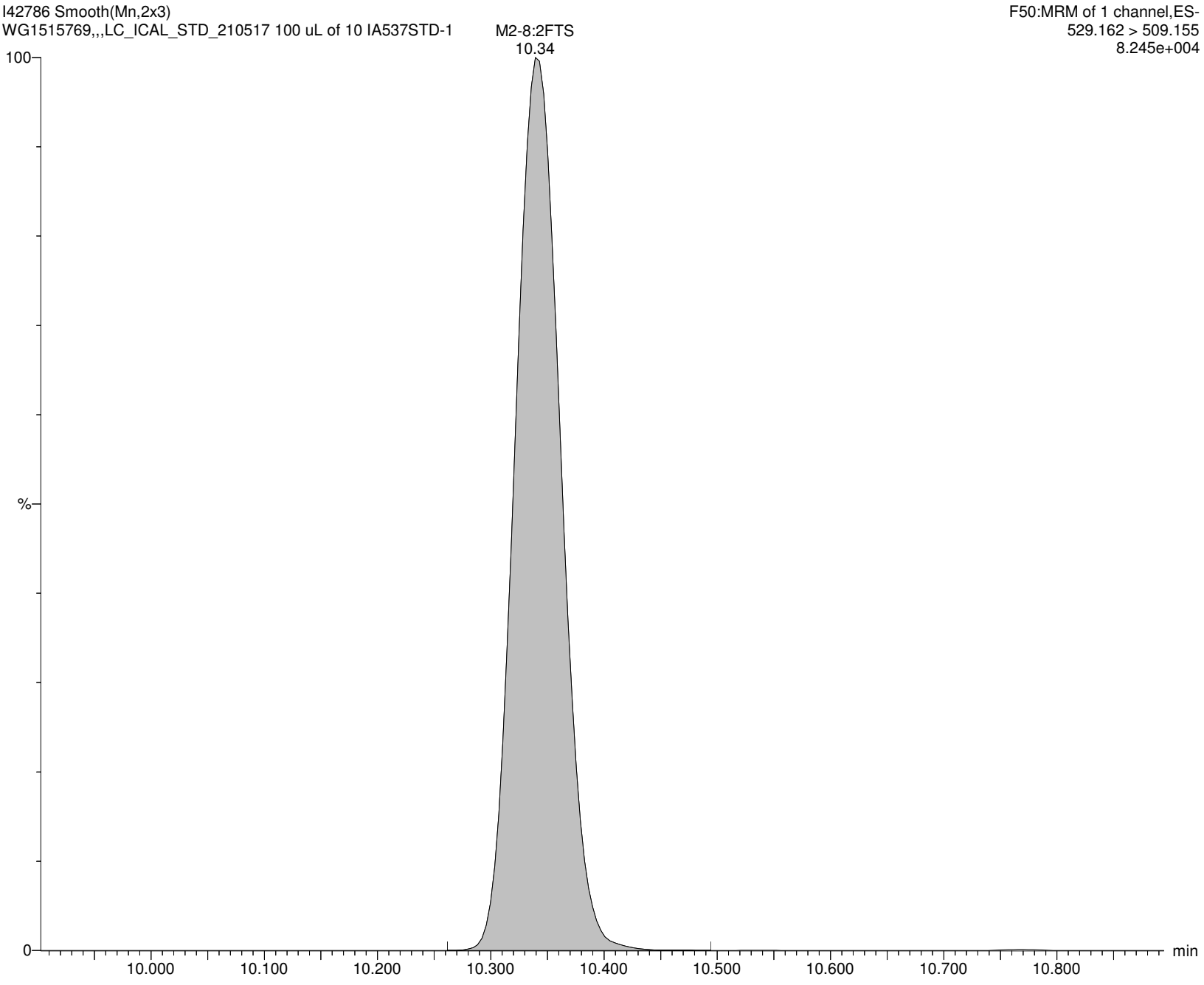


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-8:2FTS

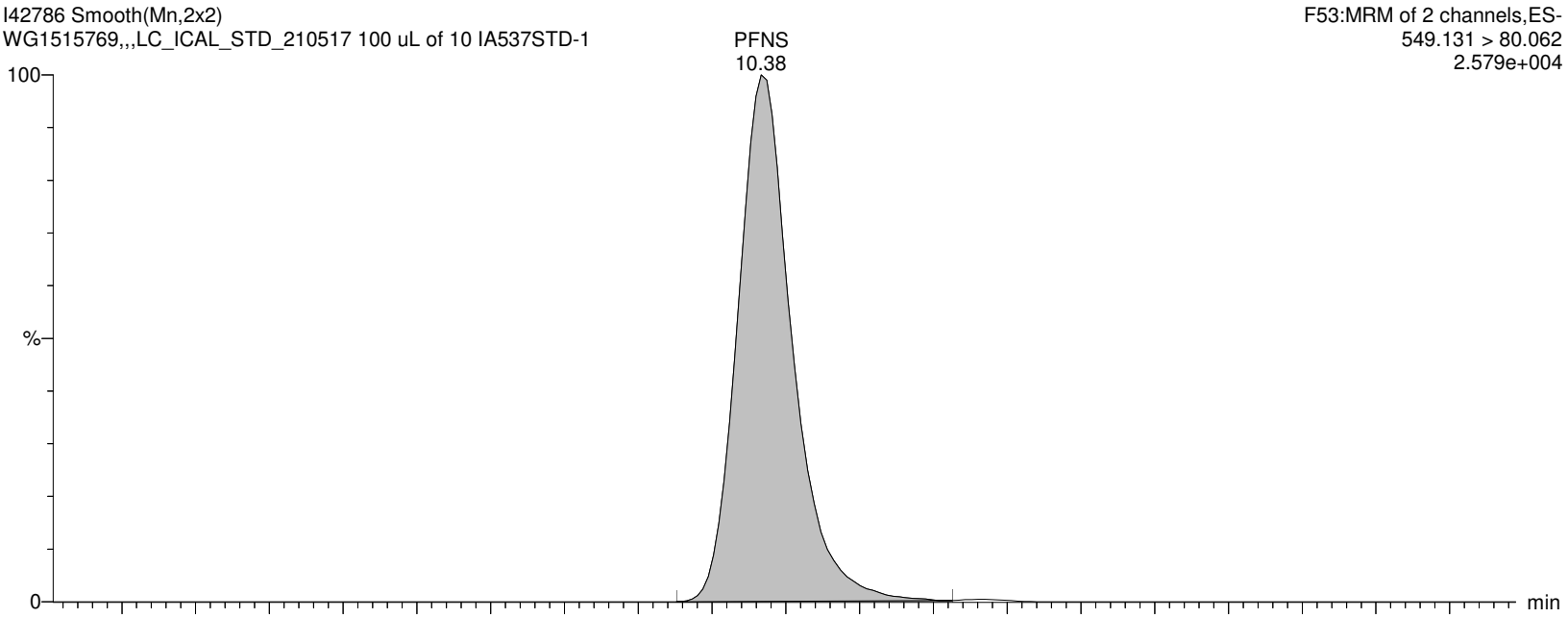


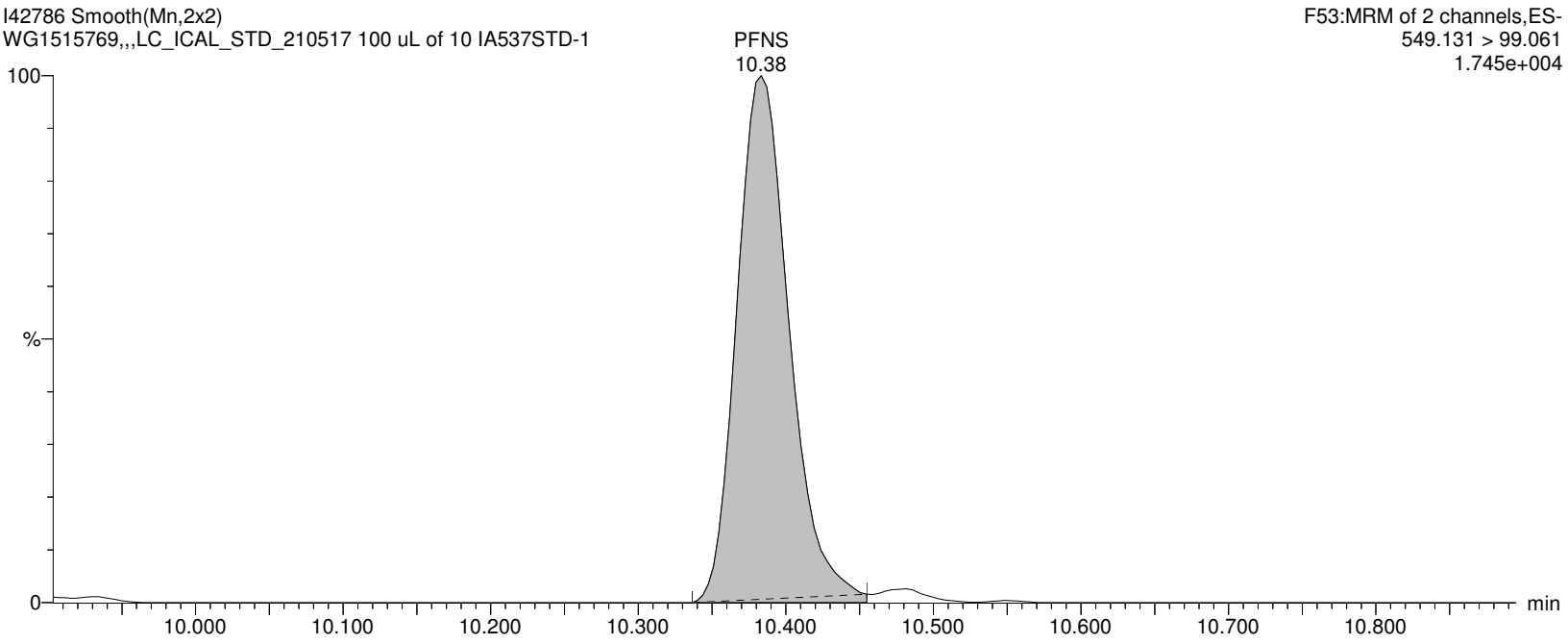
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNS



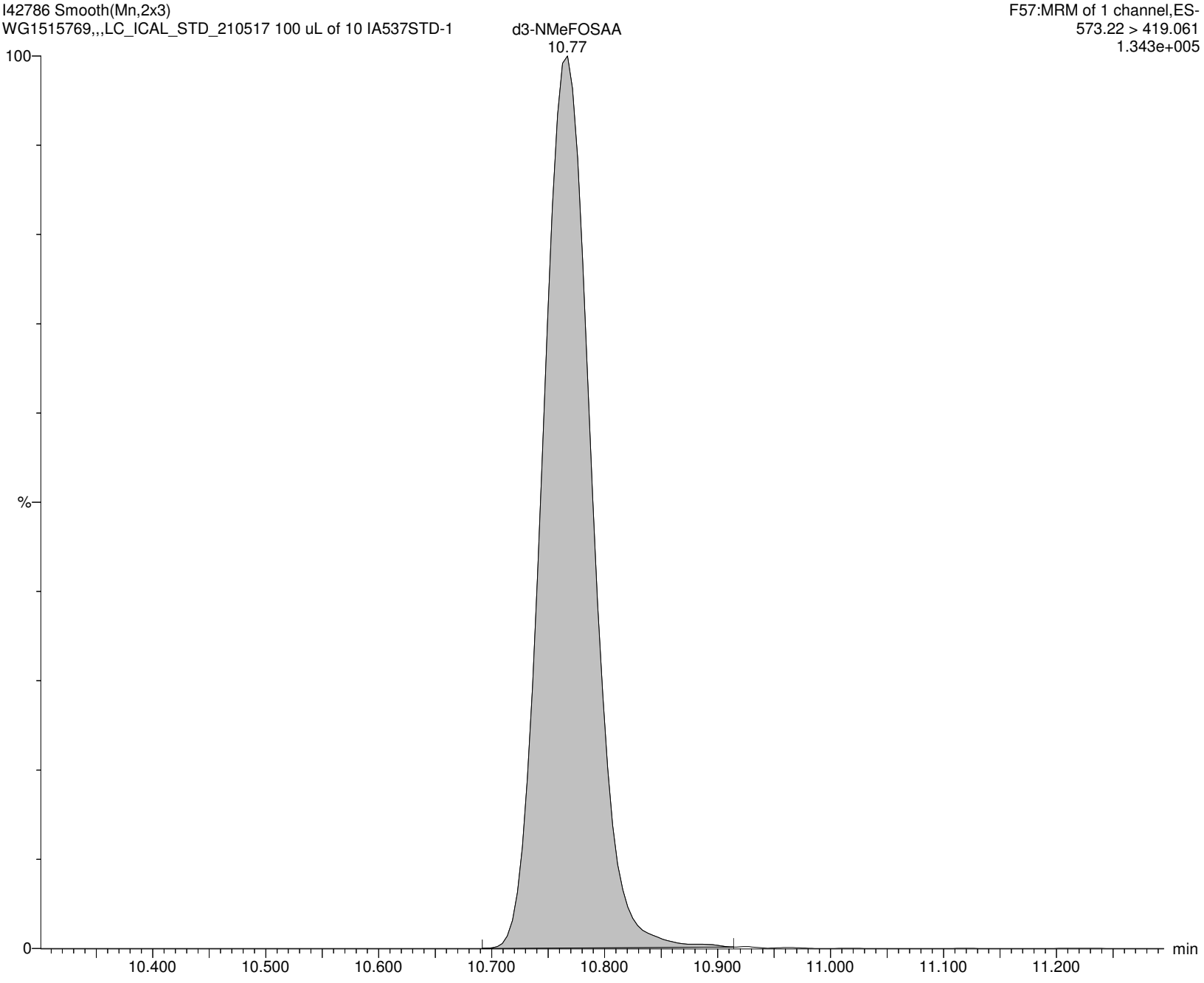


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSAA

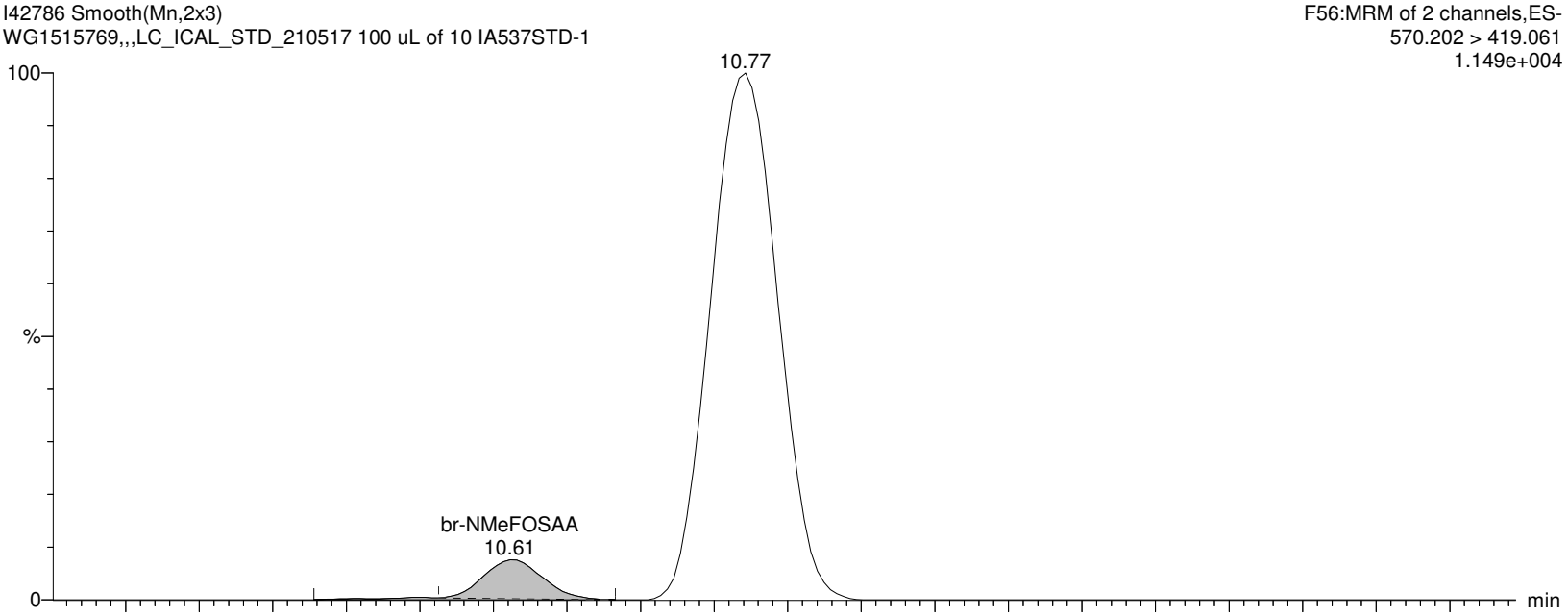


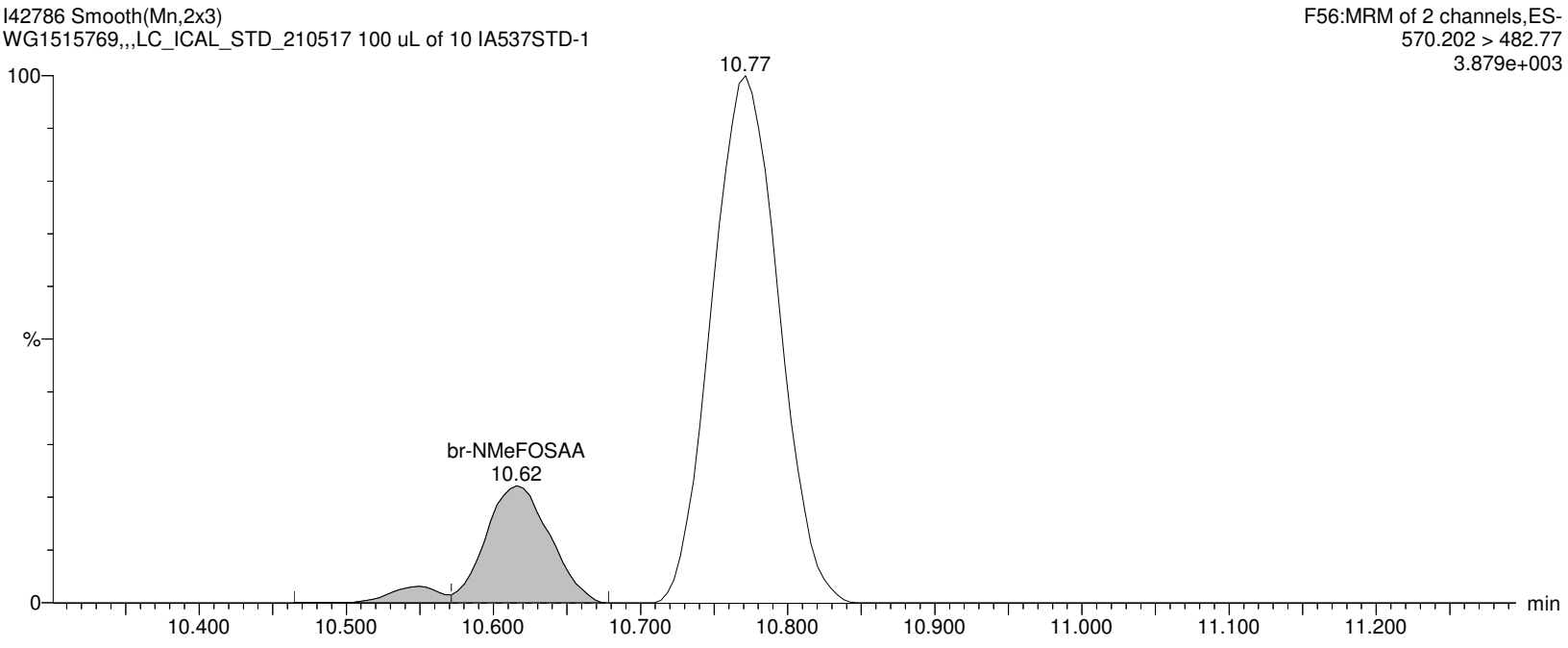
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NMeFOSAA



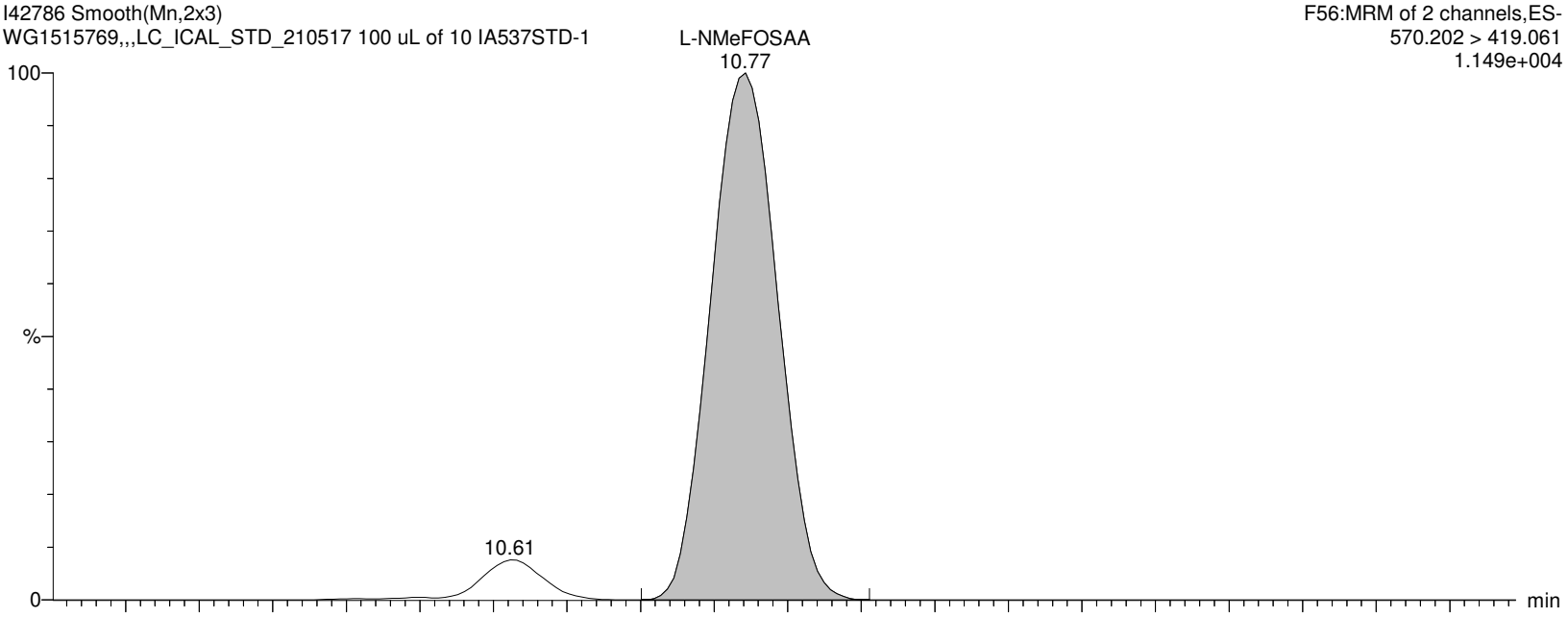


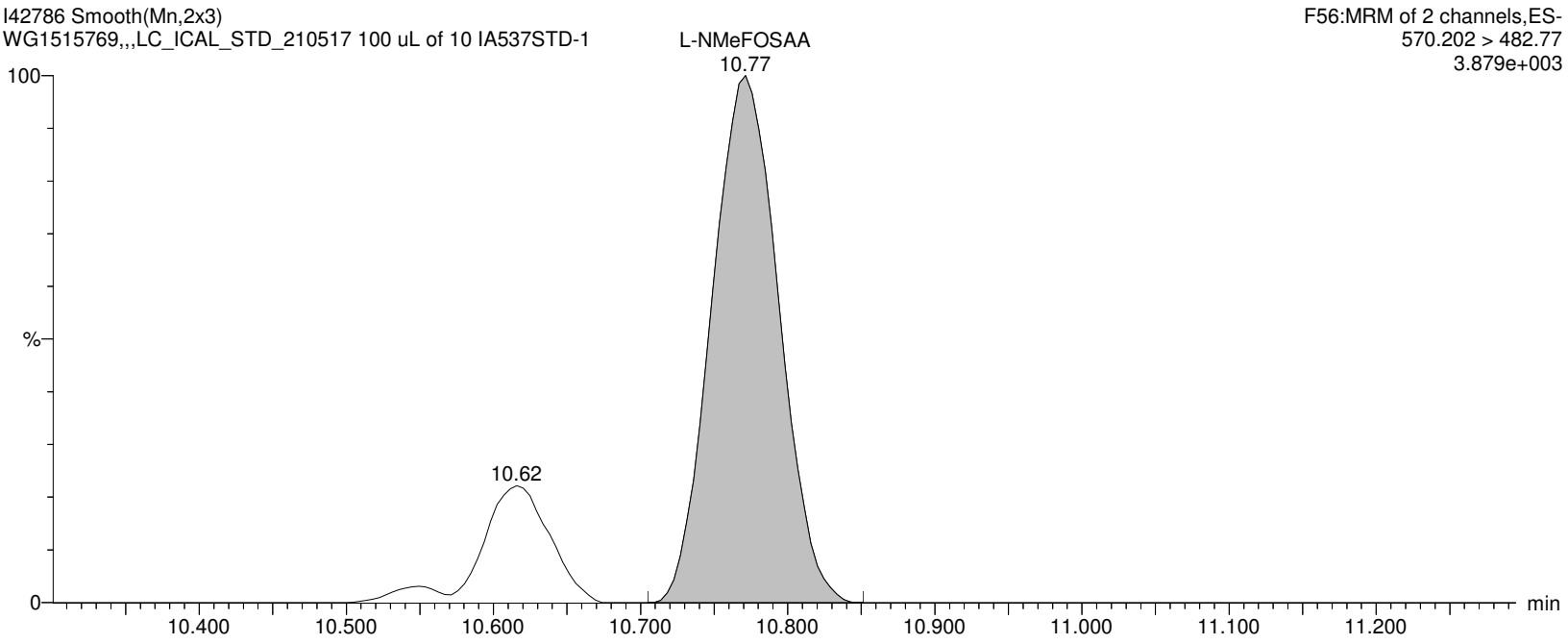
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NMeFOSAA



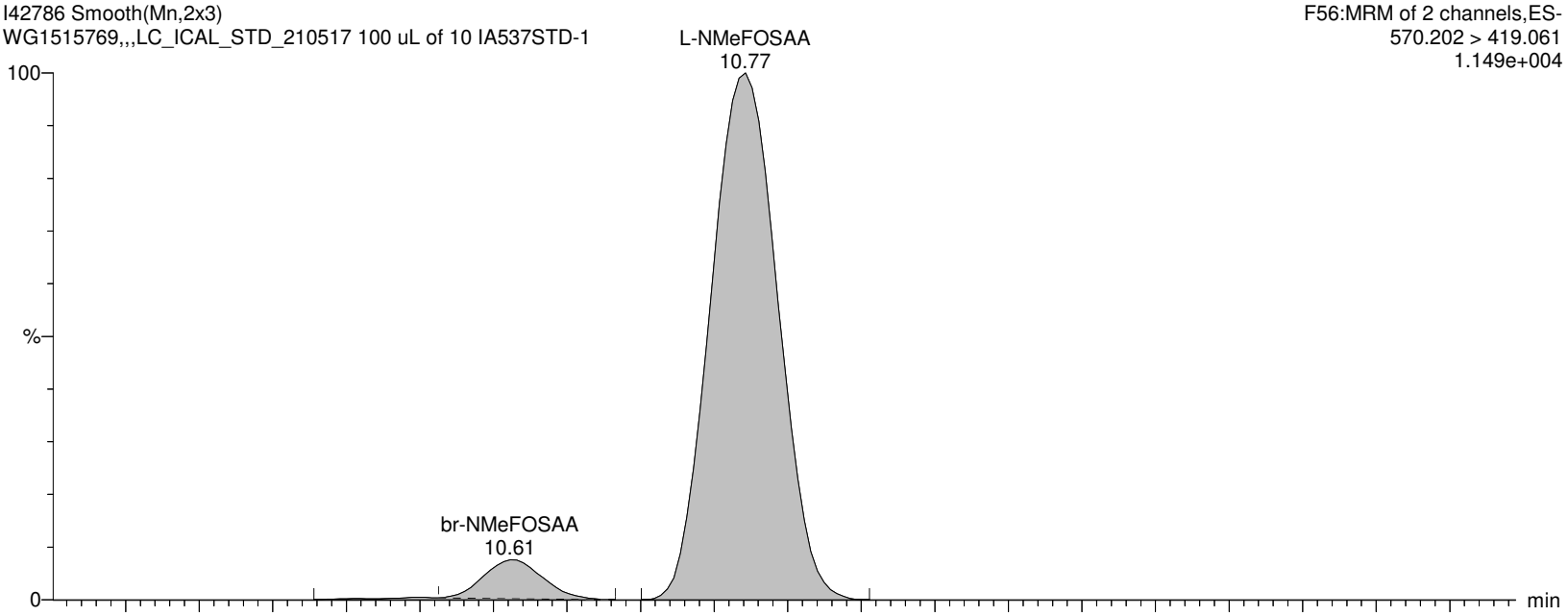


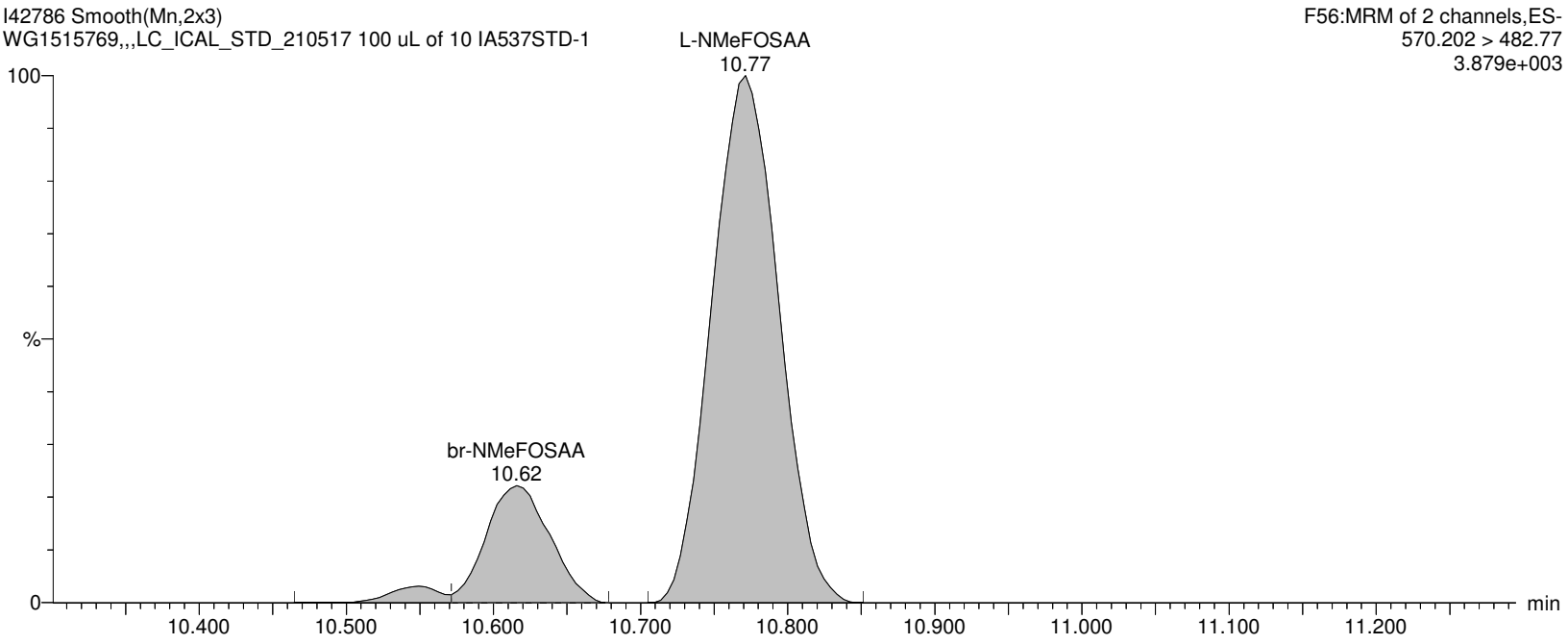
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSAA



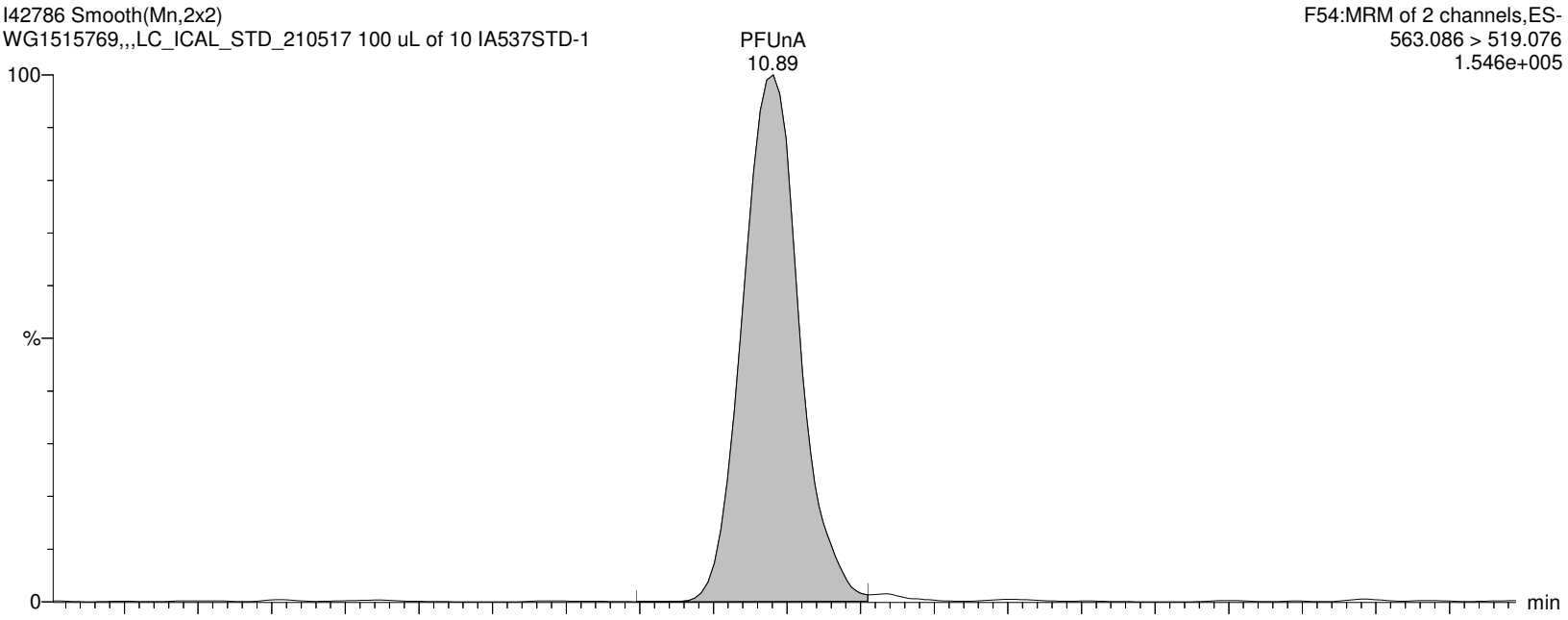


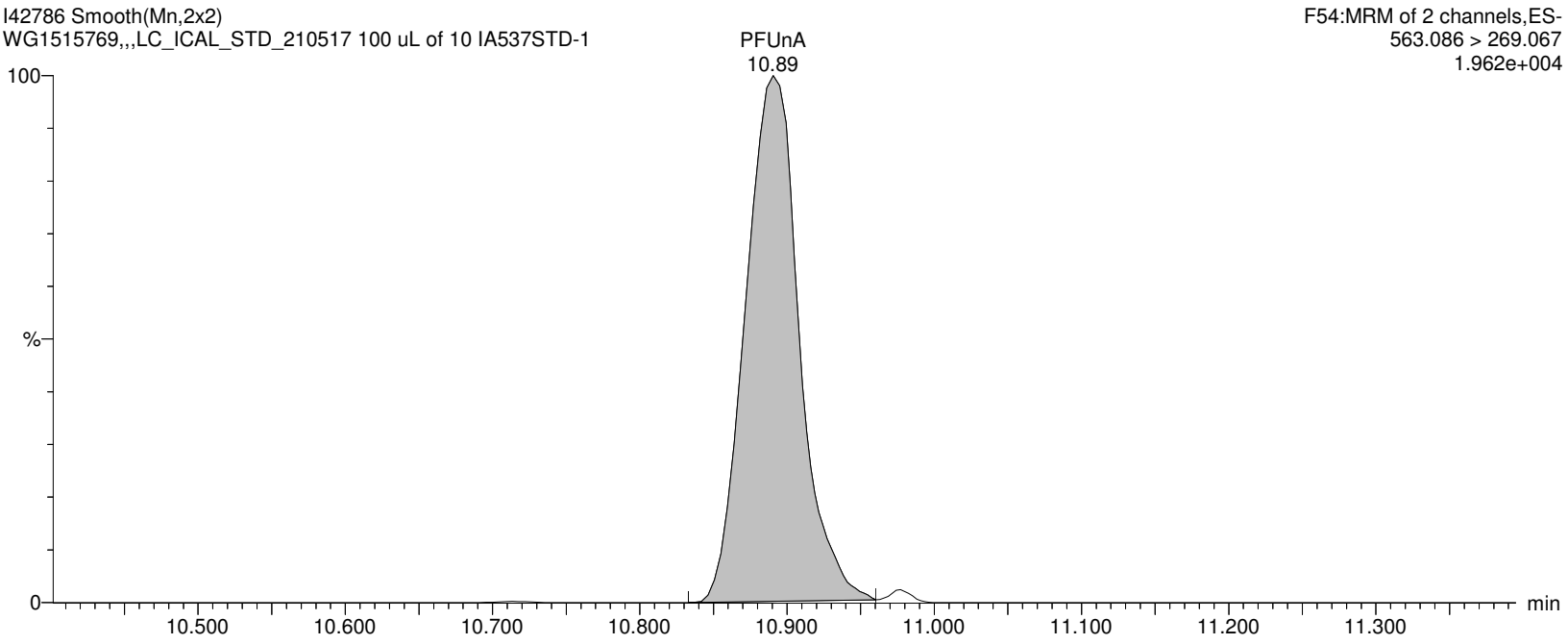
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFUnA



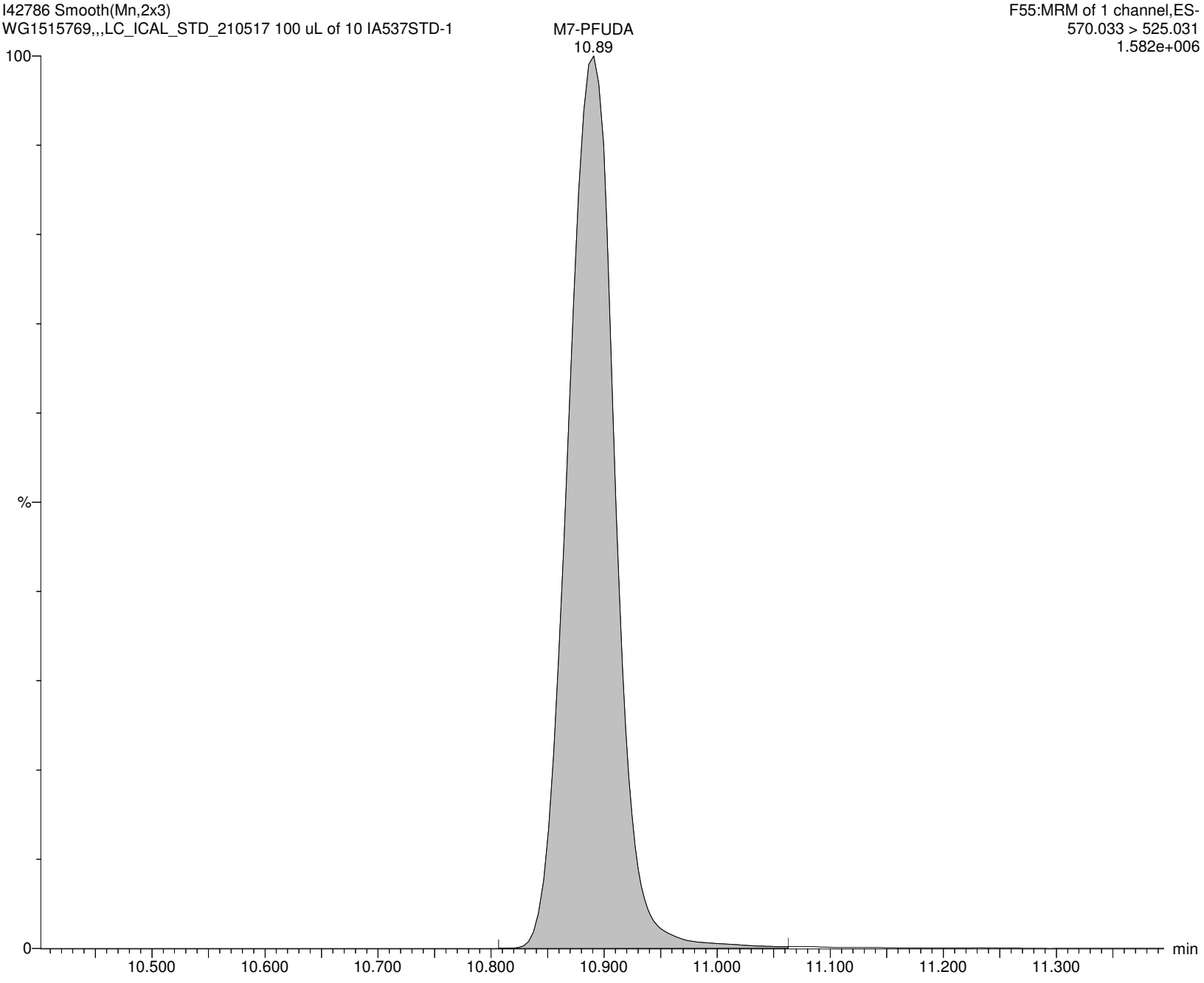


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M7-PFUDA

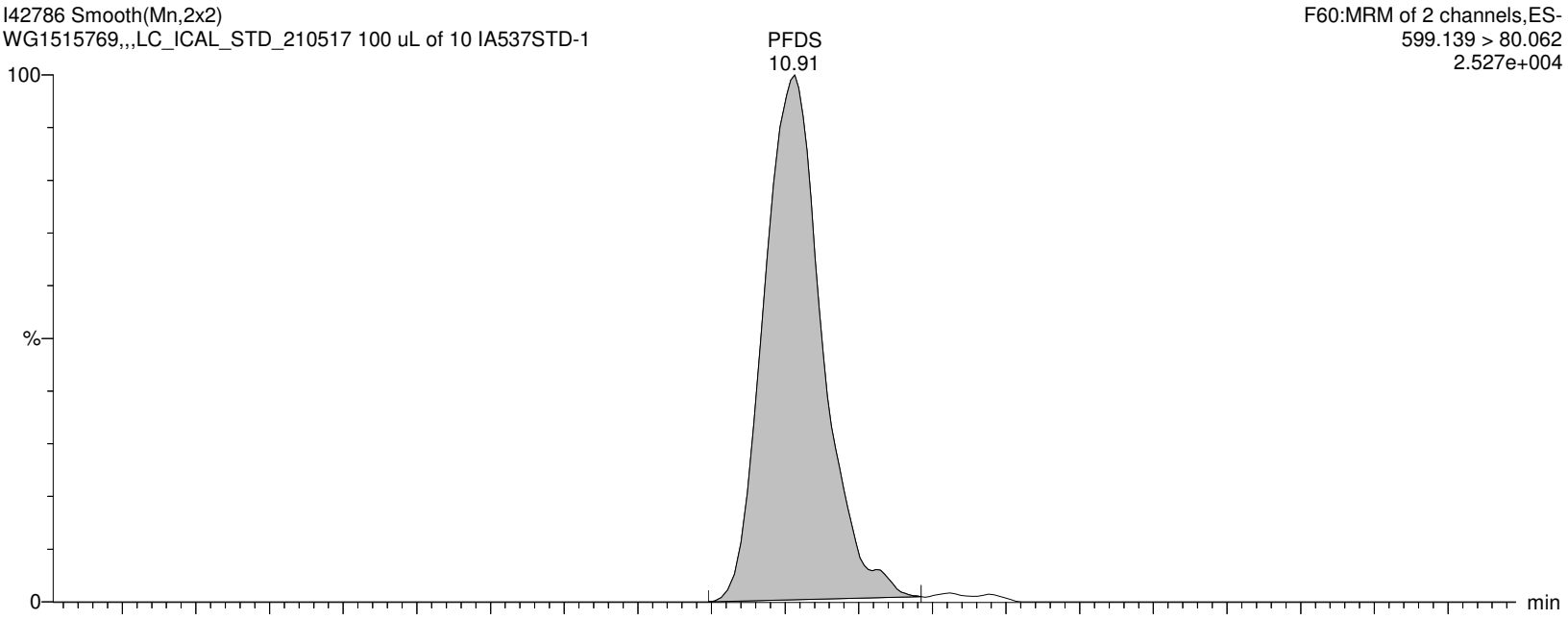


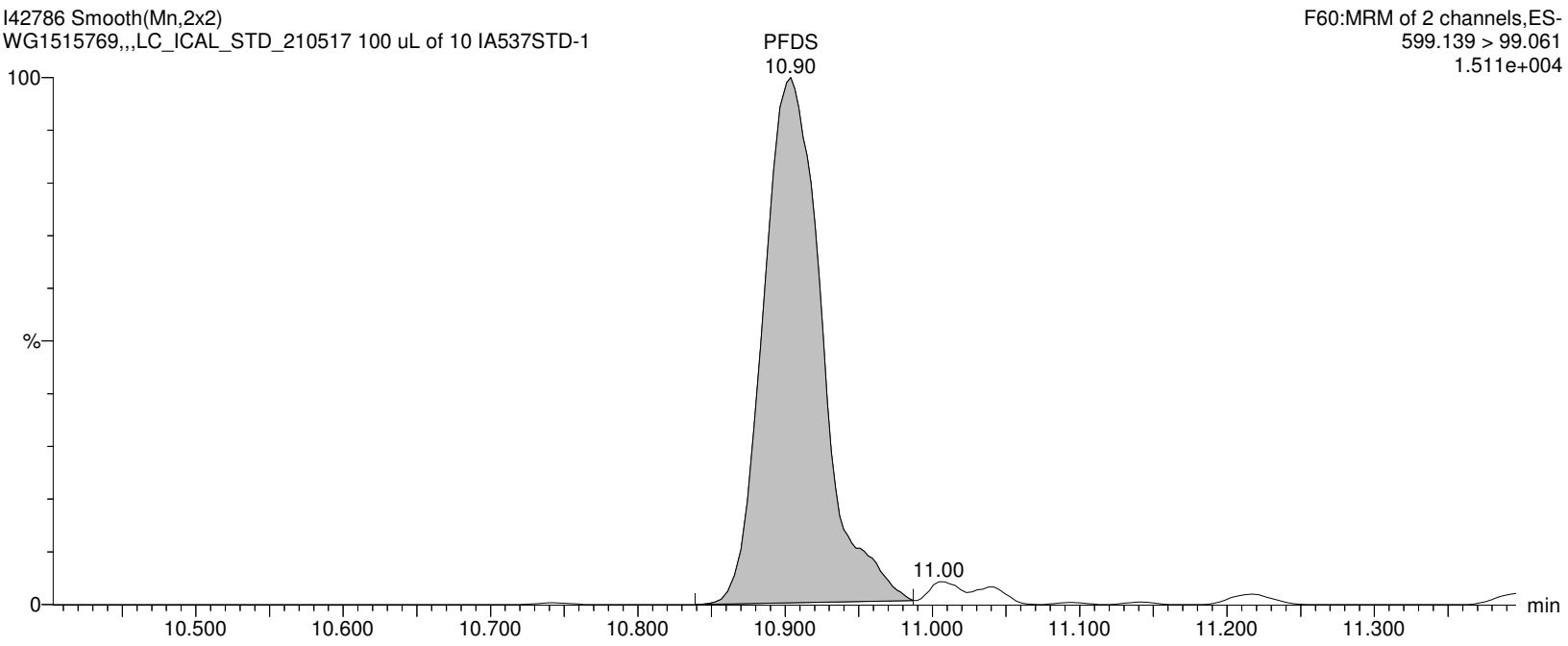
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDS



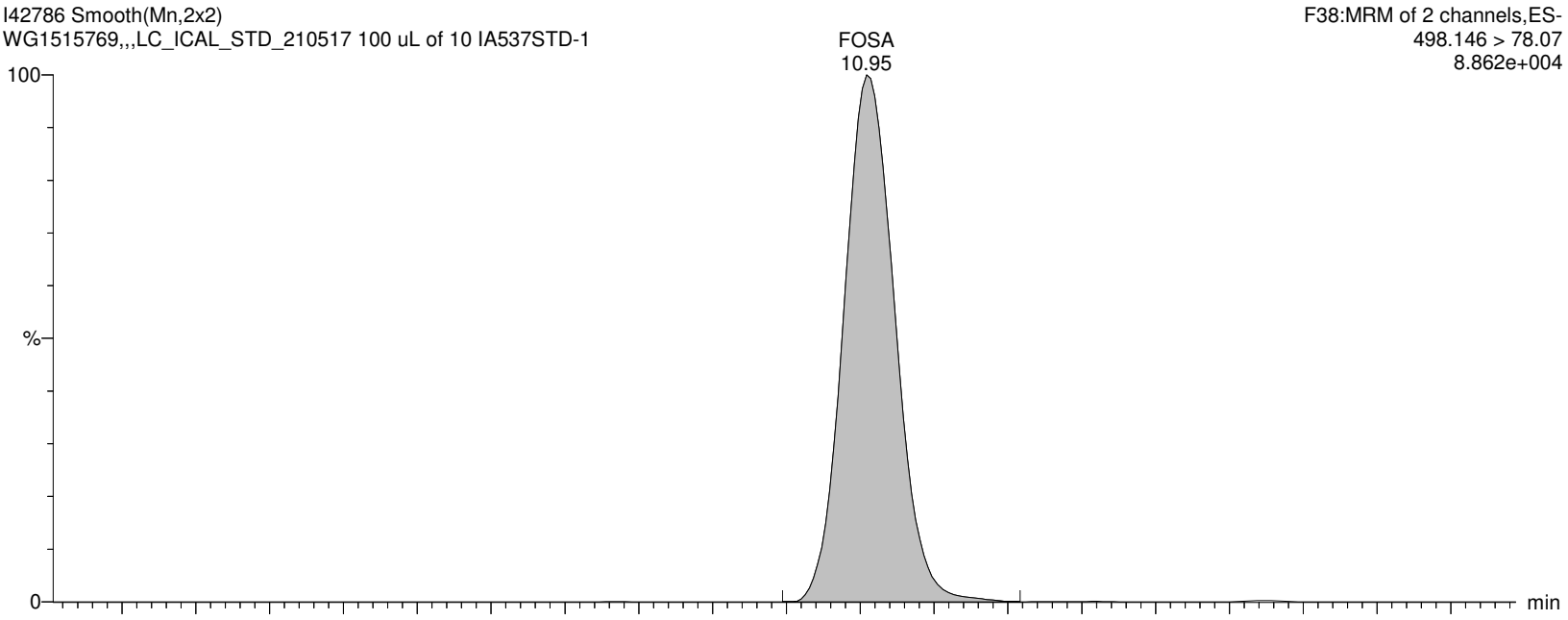


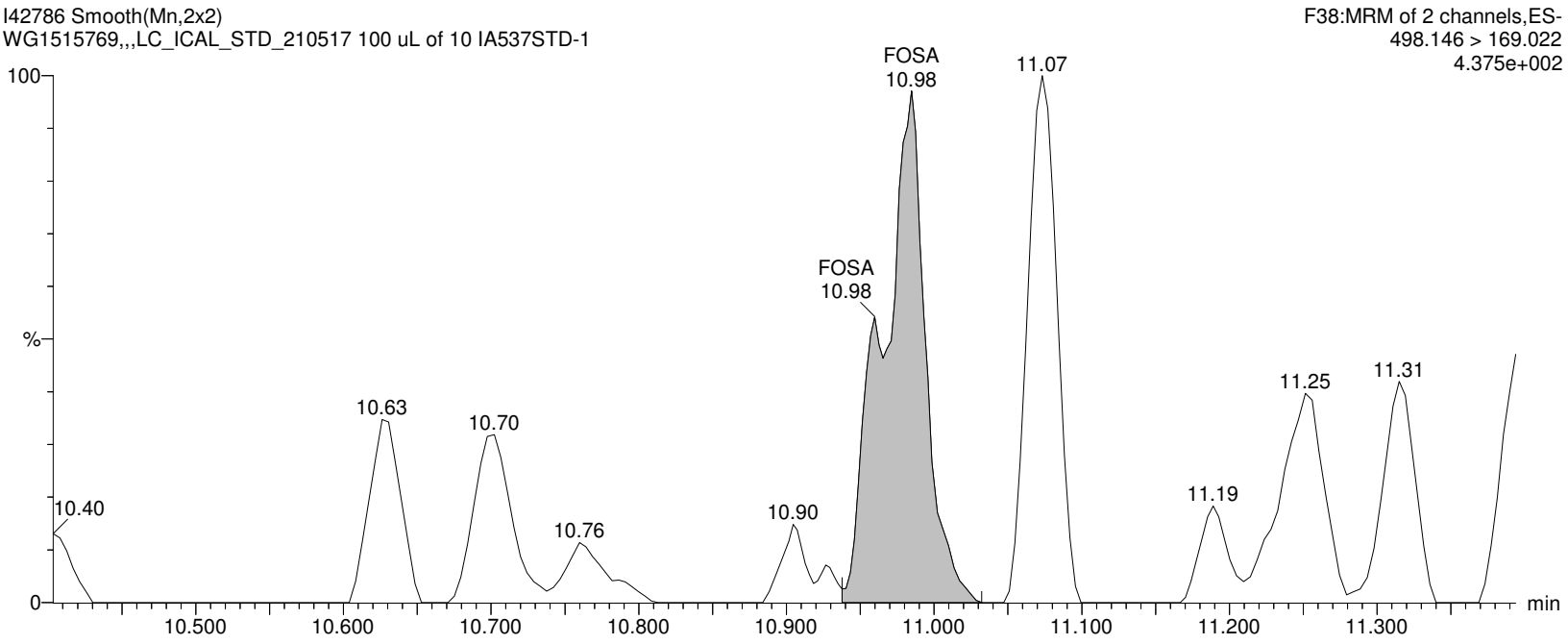
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

FOSA



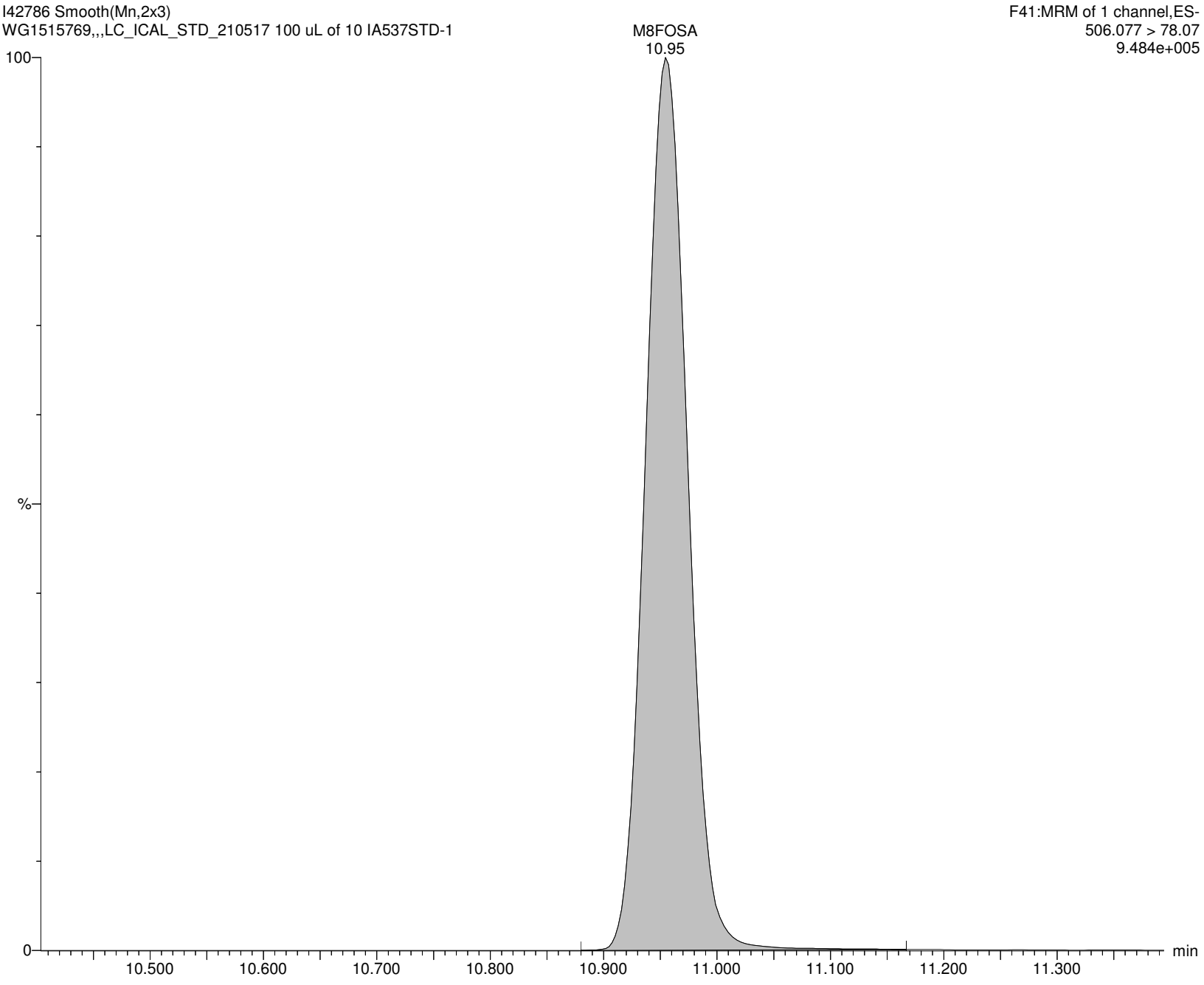


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8FOSA

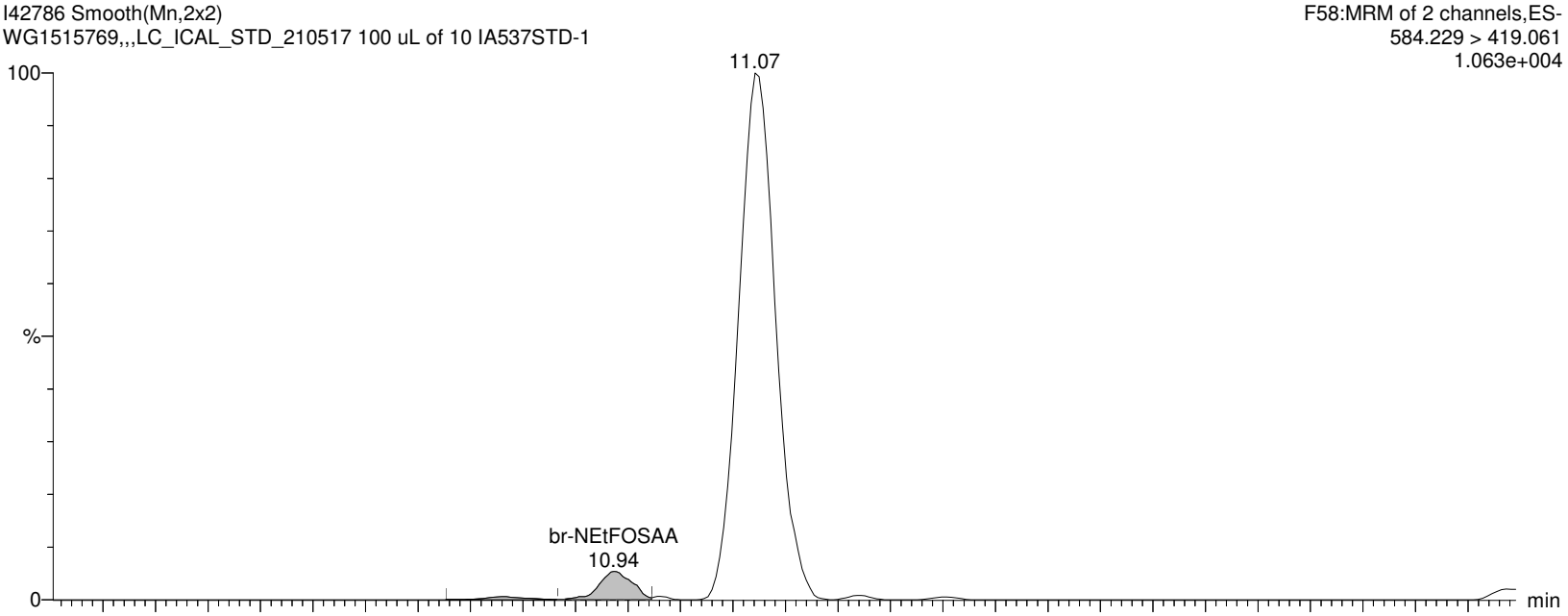


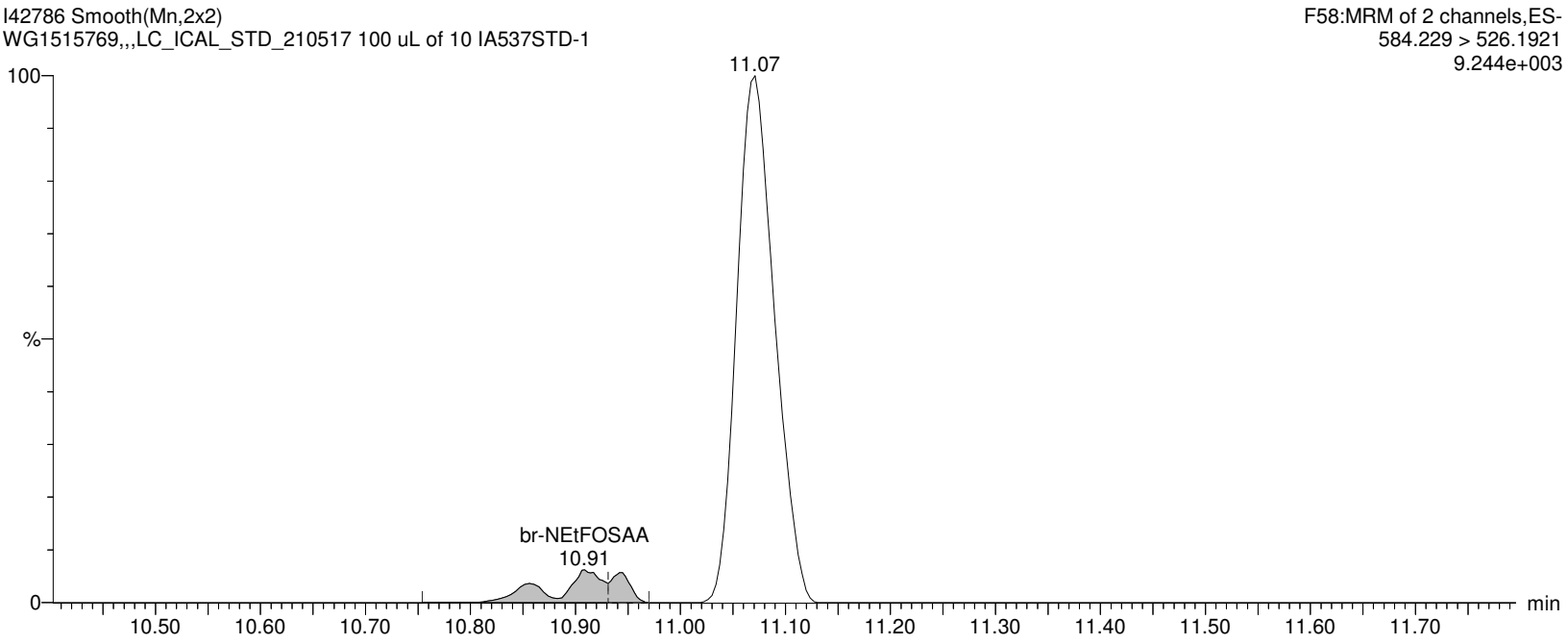
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NEtFOSAA



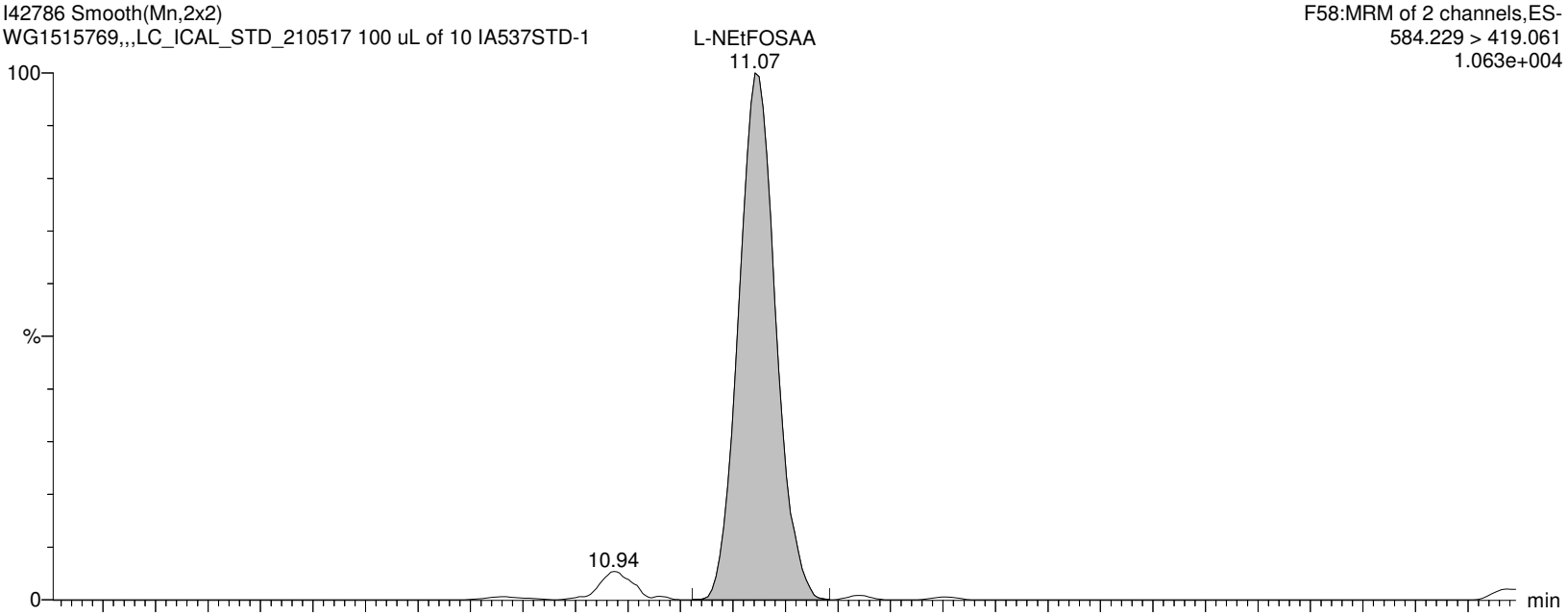


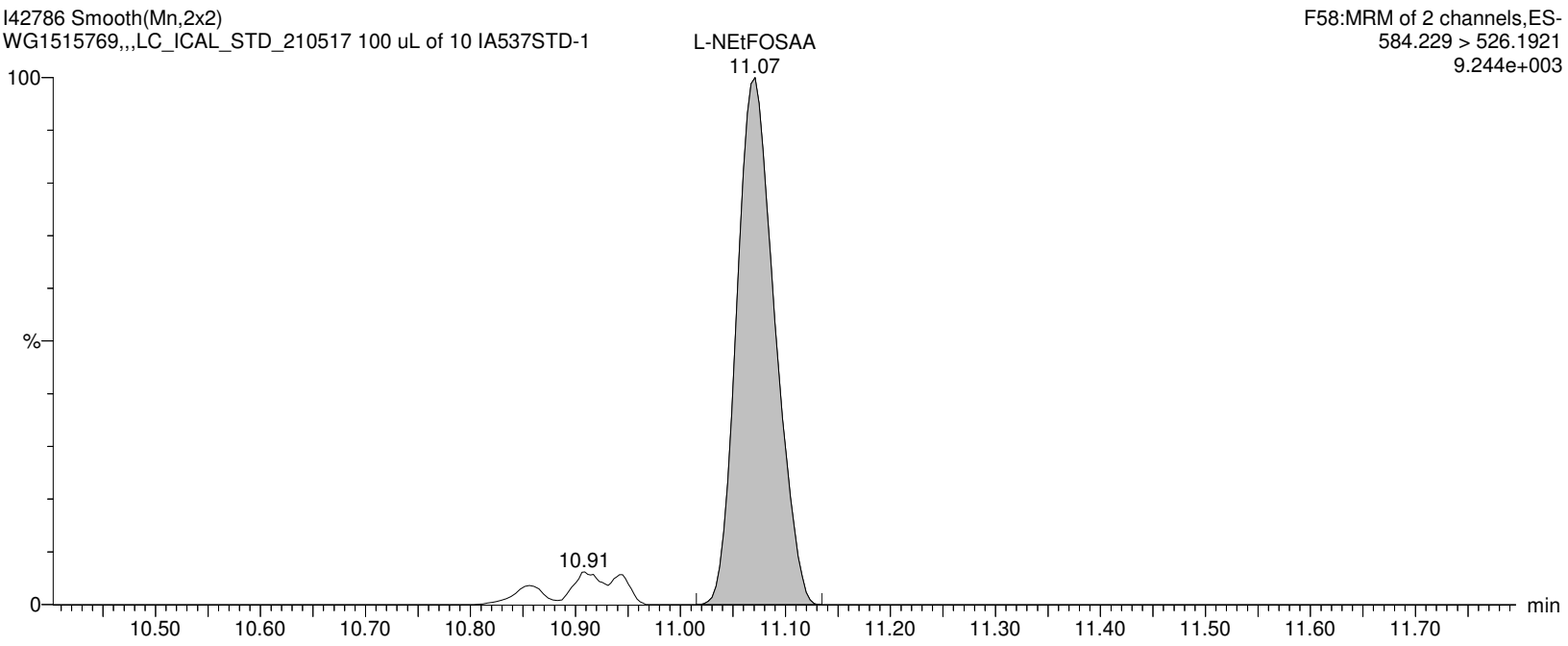
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NEtFOSAA



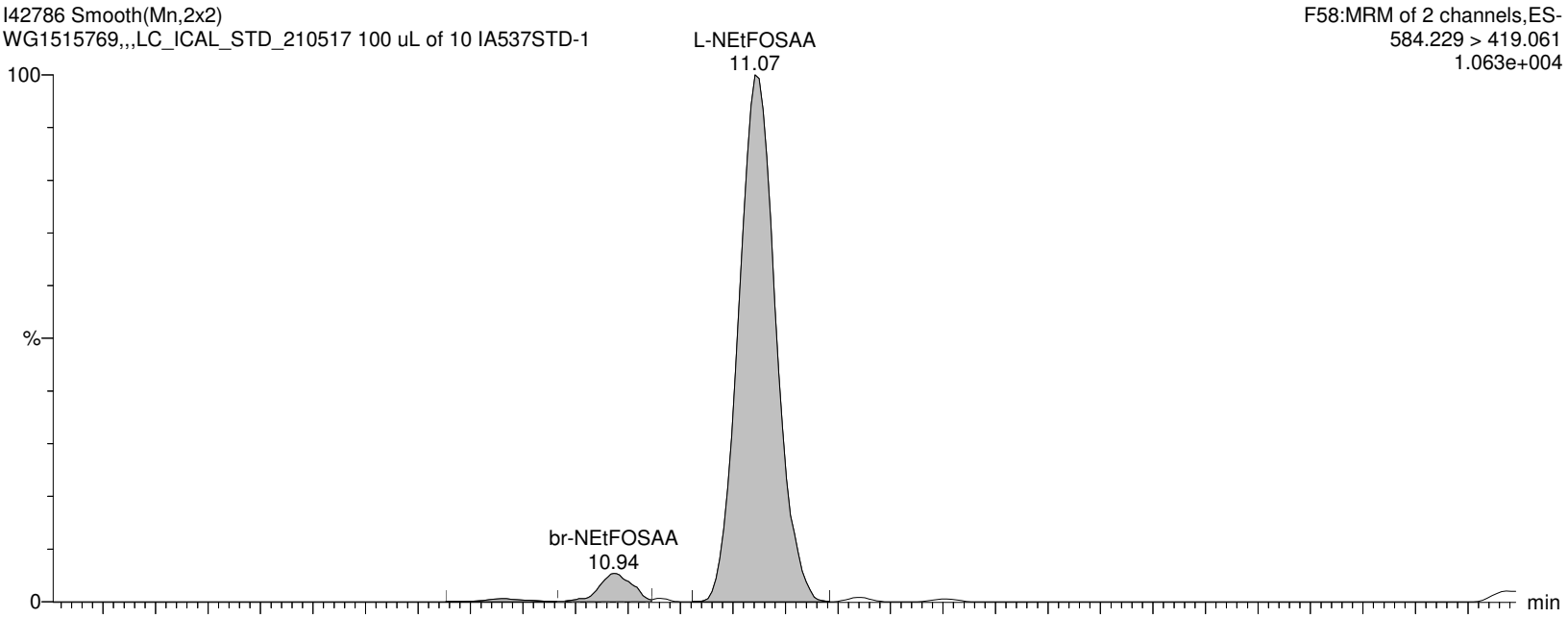


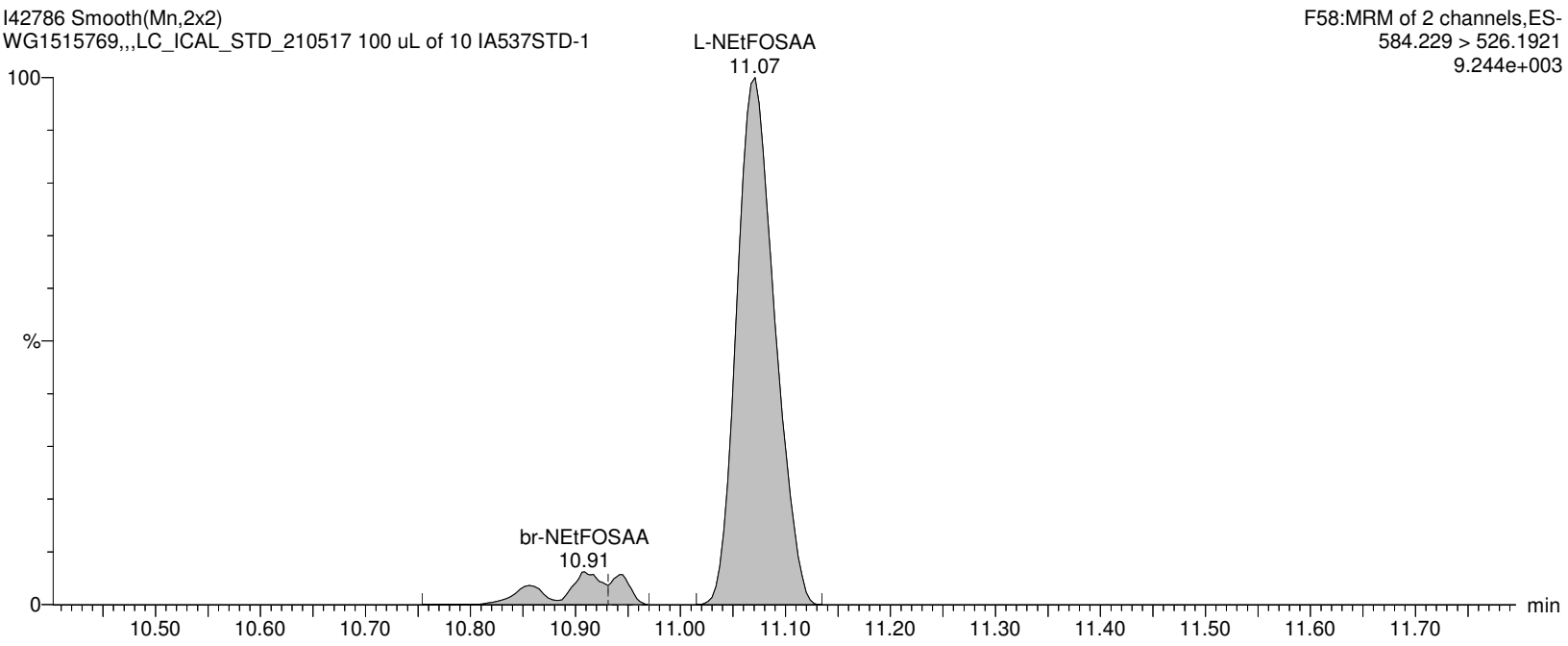
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSAA



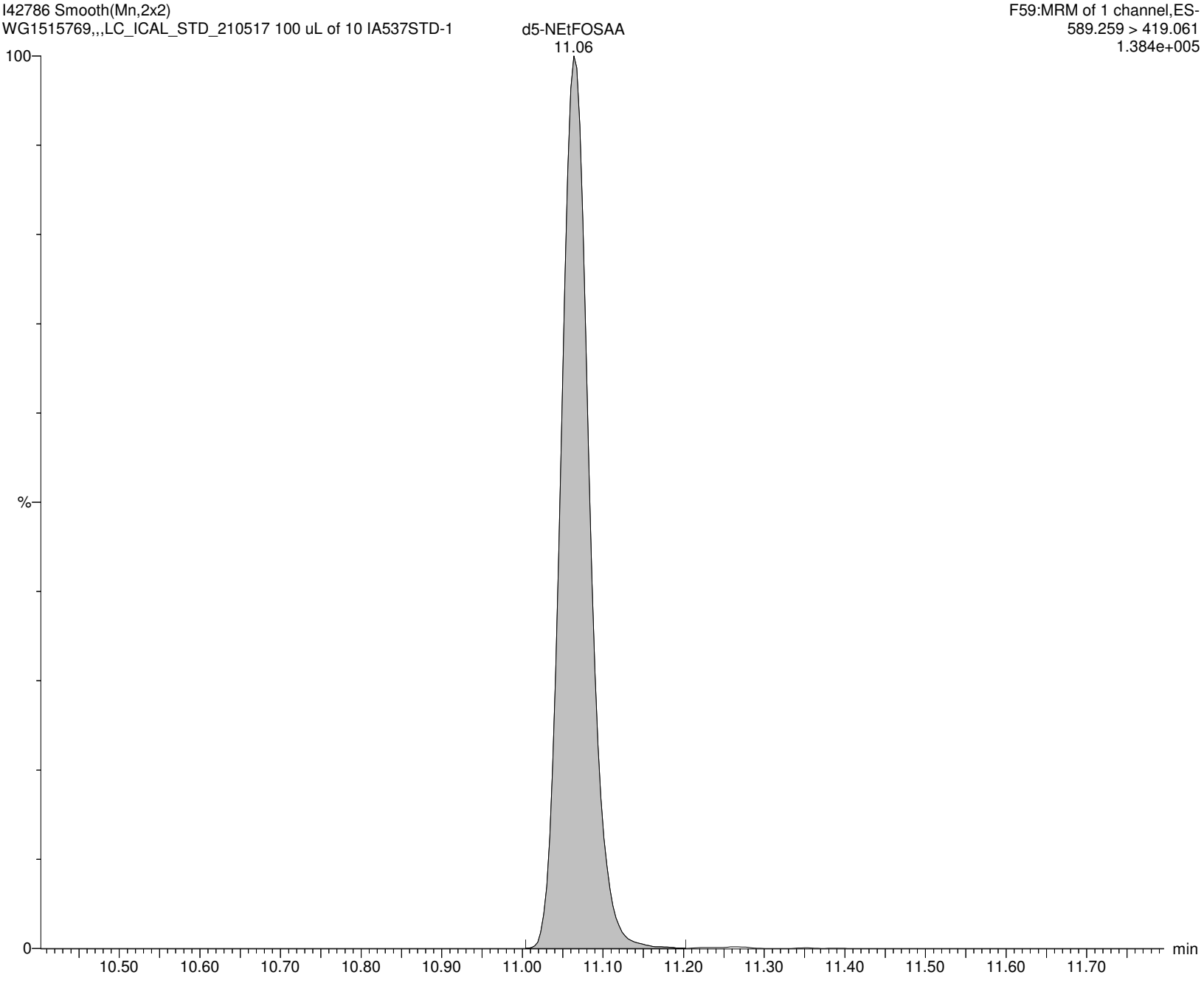


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSAA

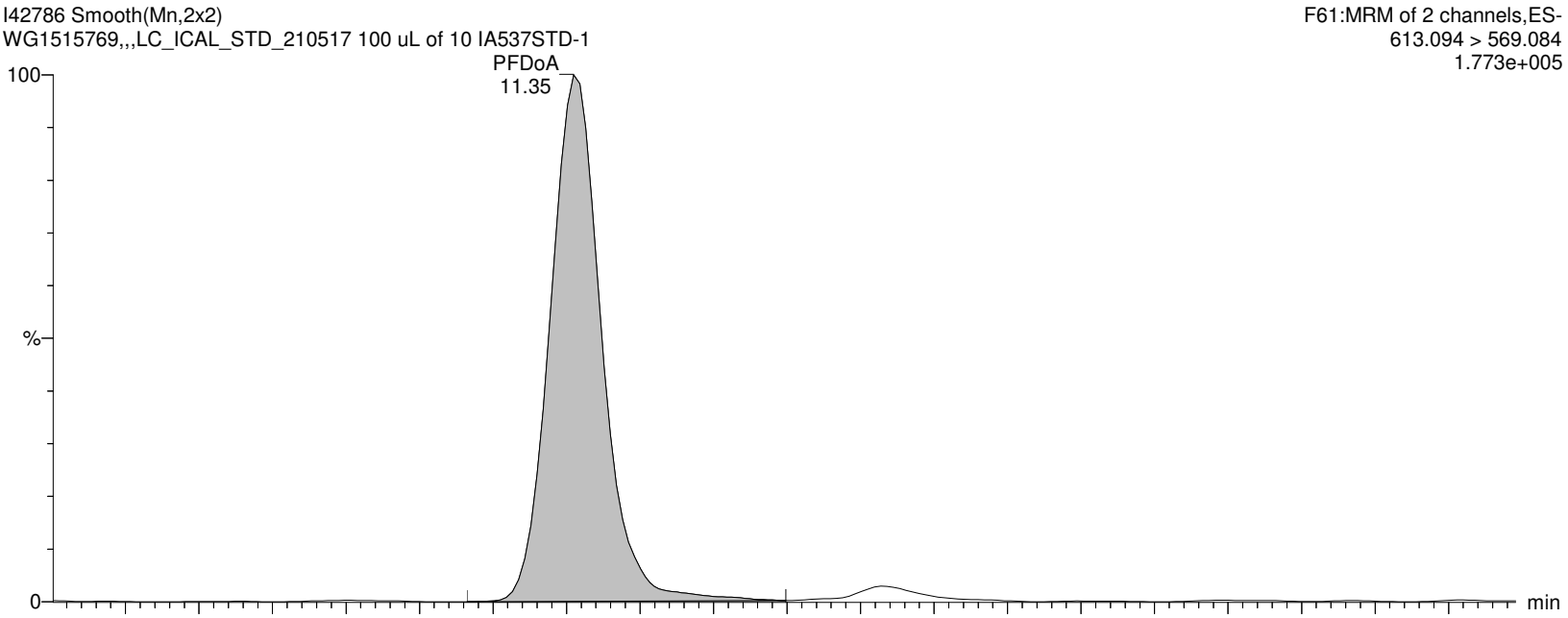


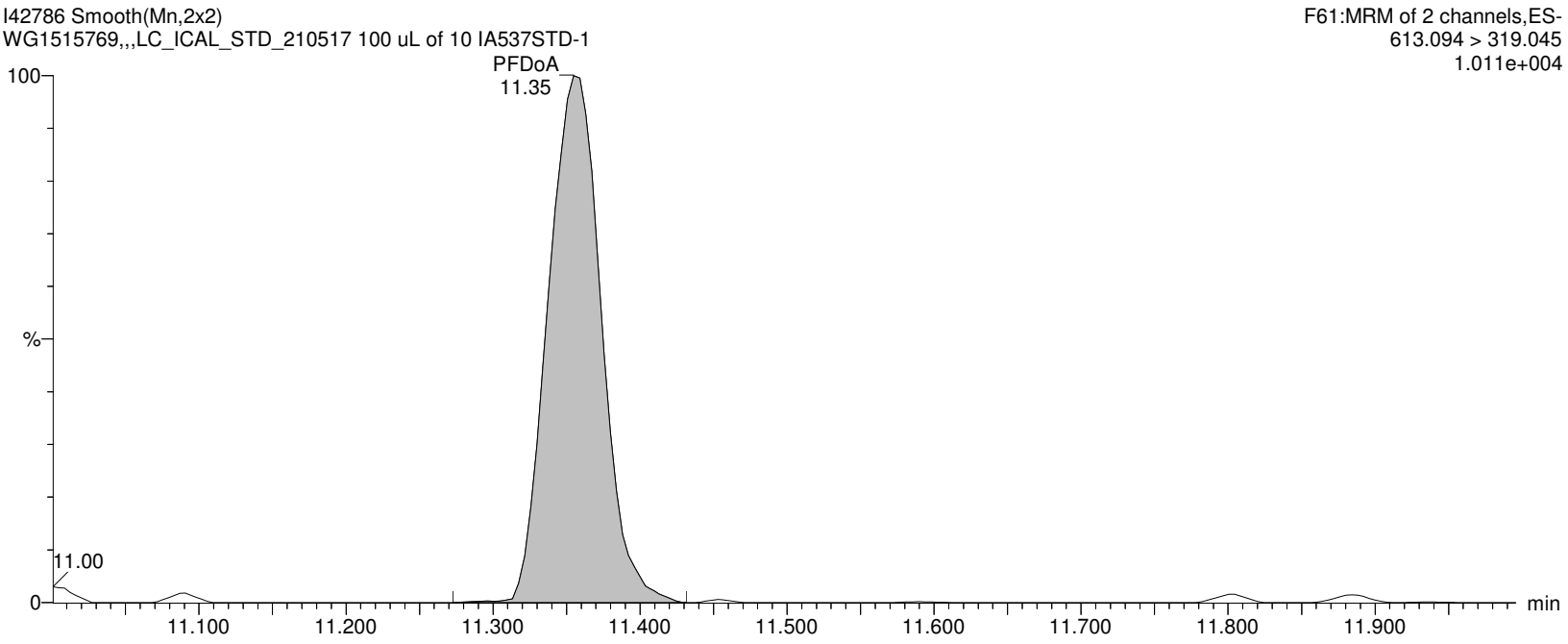
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoA



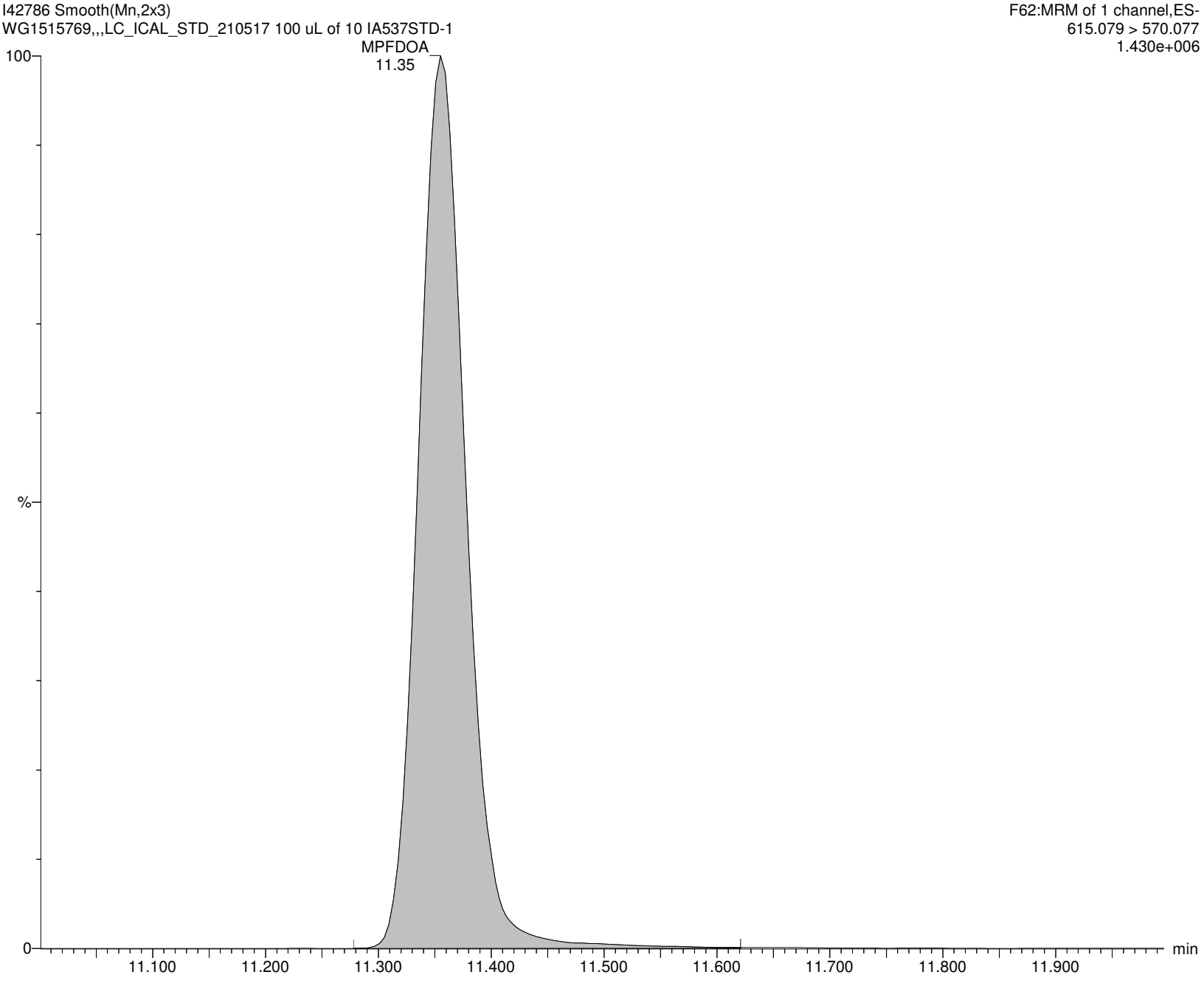


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFDOA

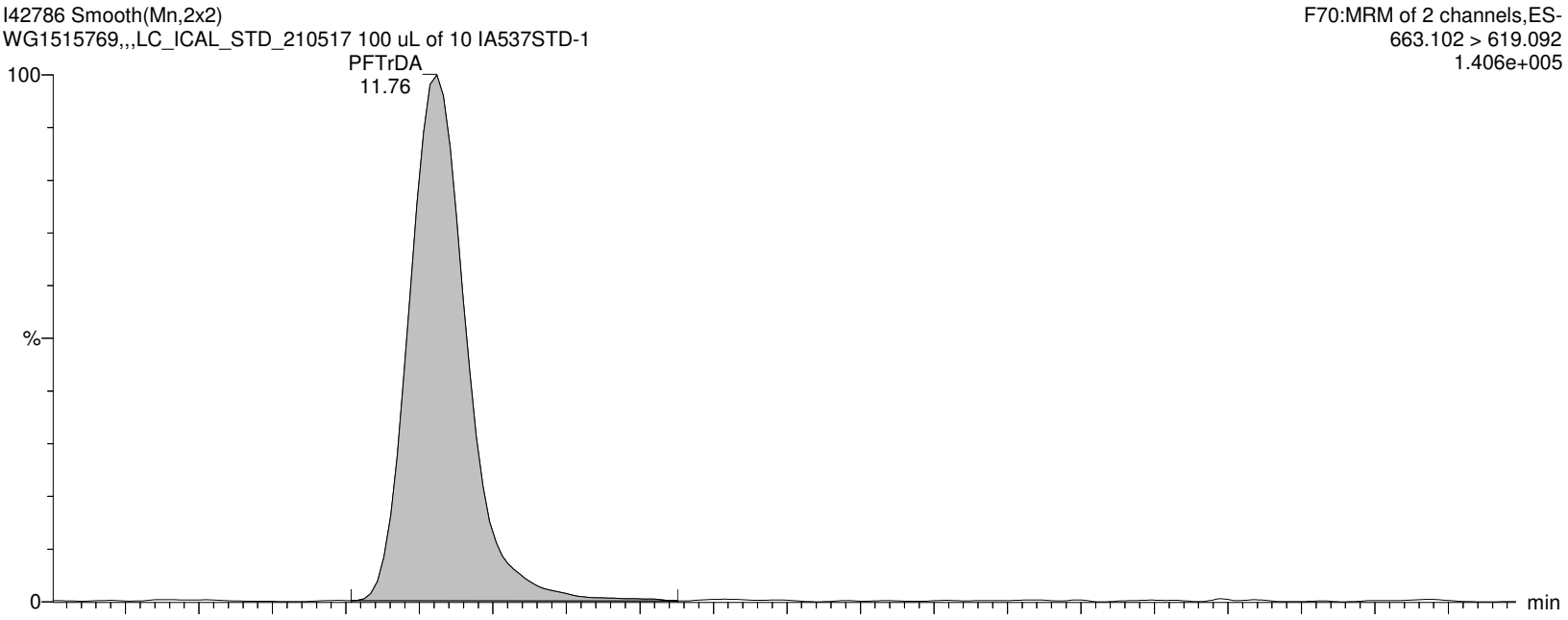


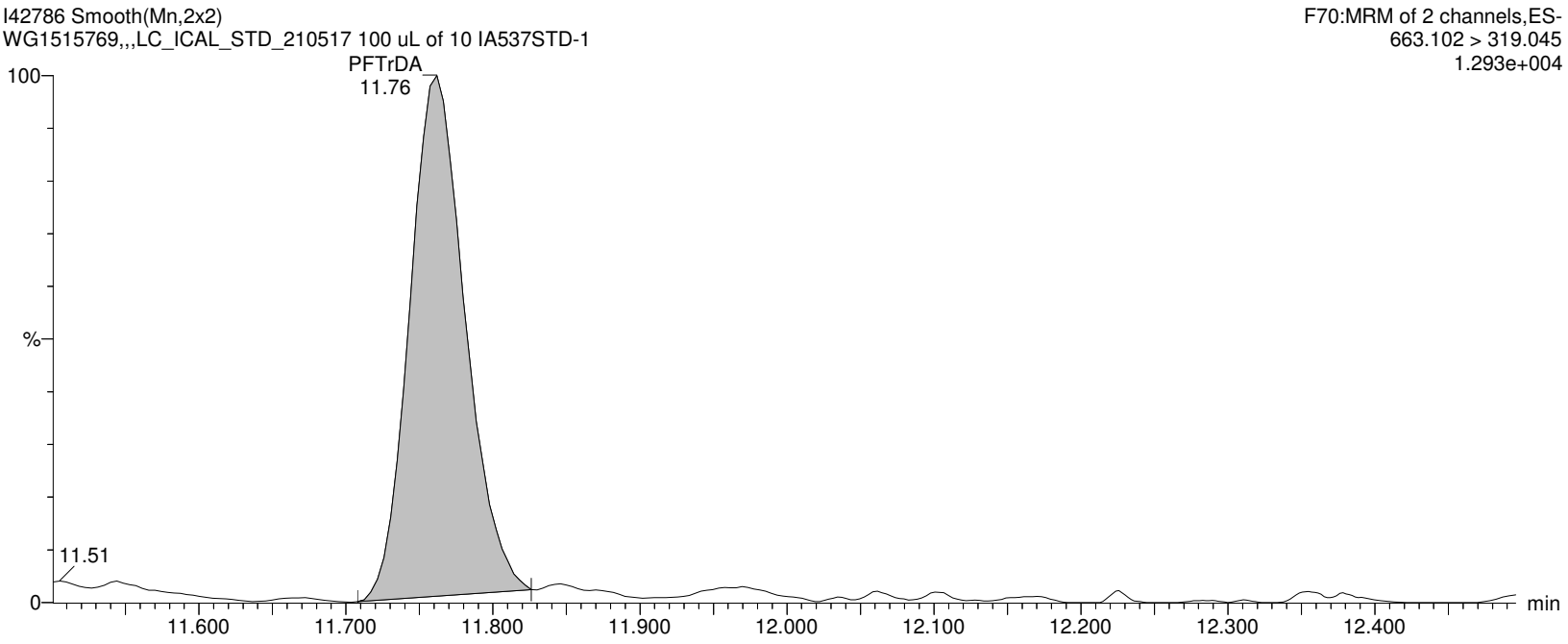
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTrDA



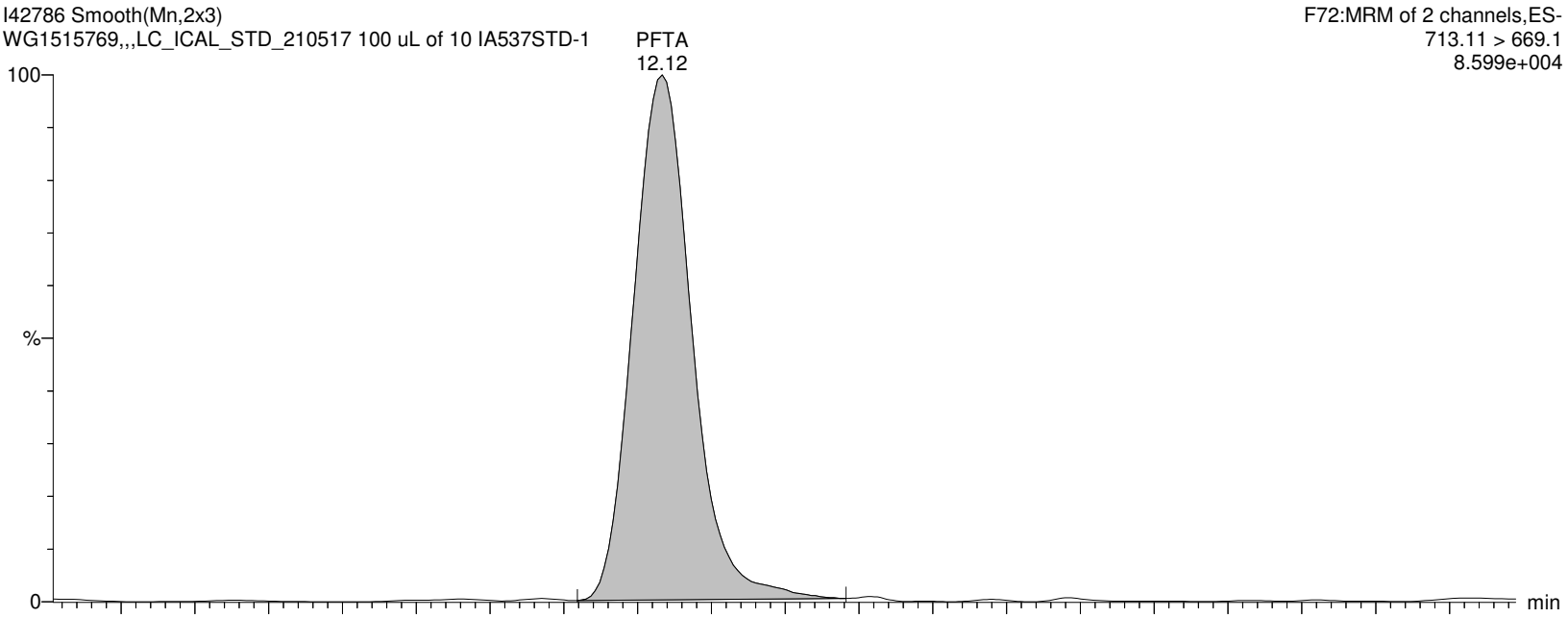


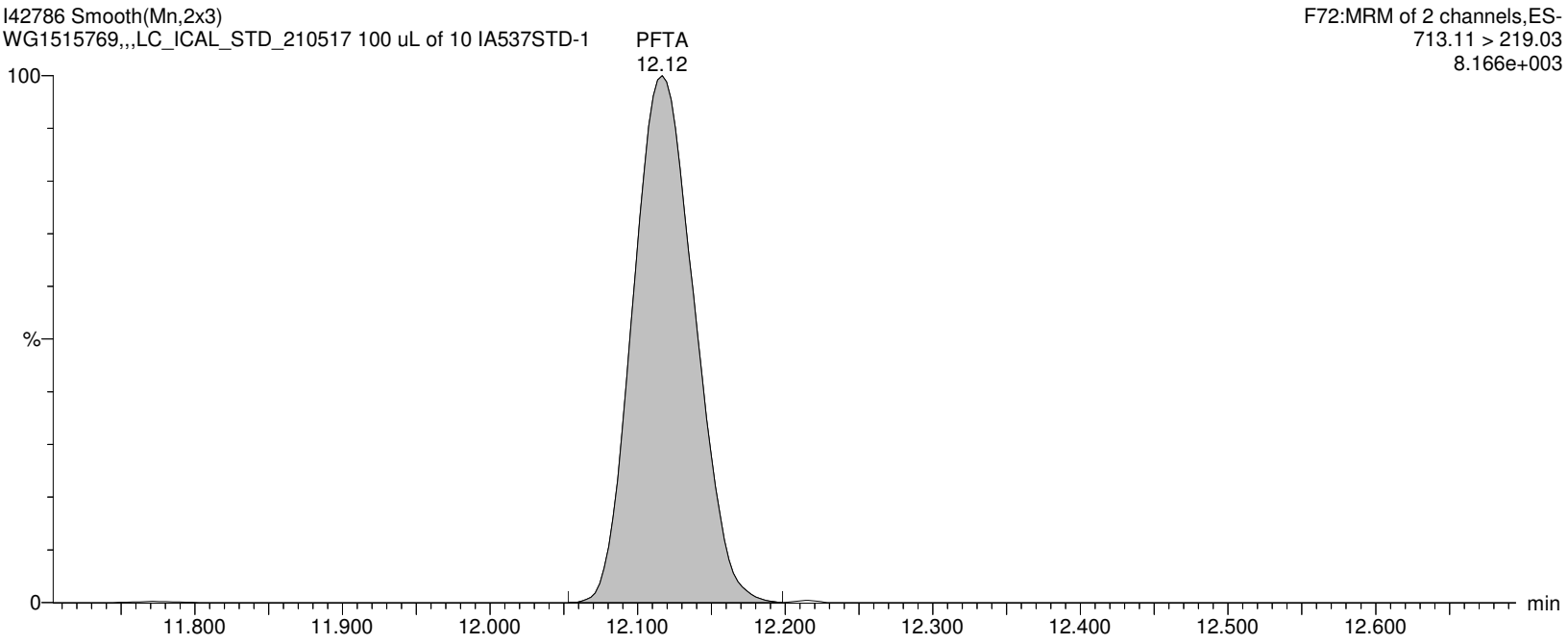
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTA



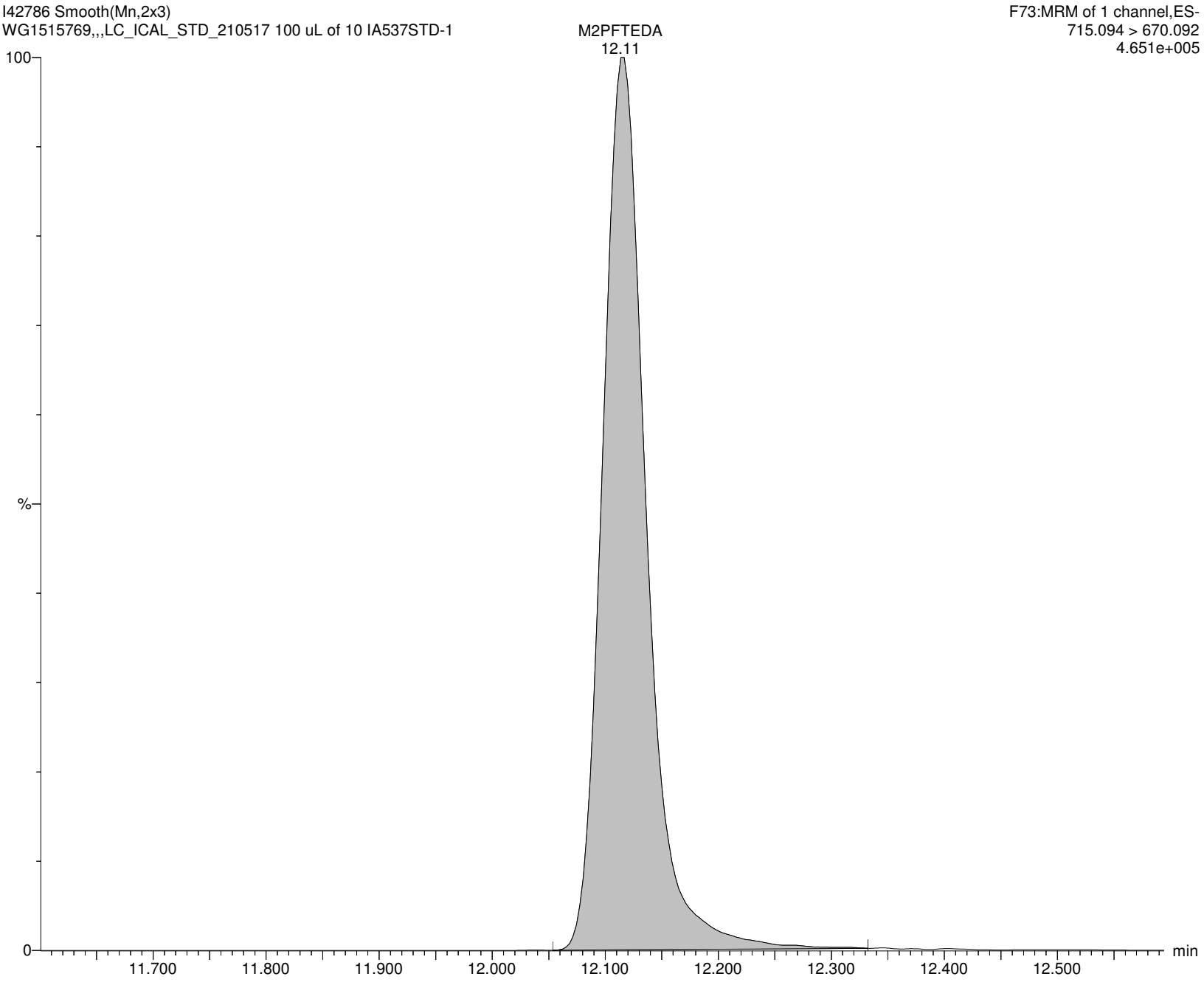


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFTEDA

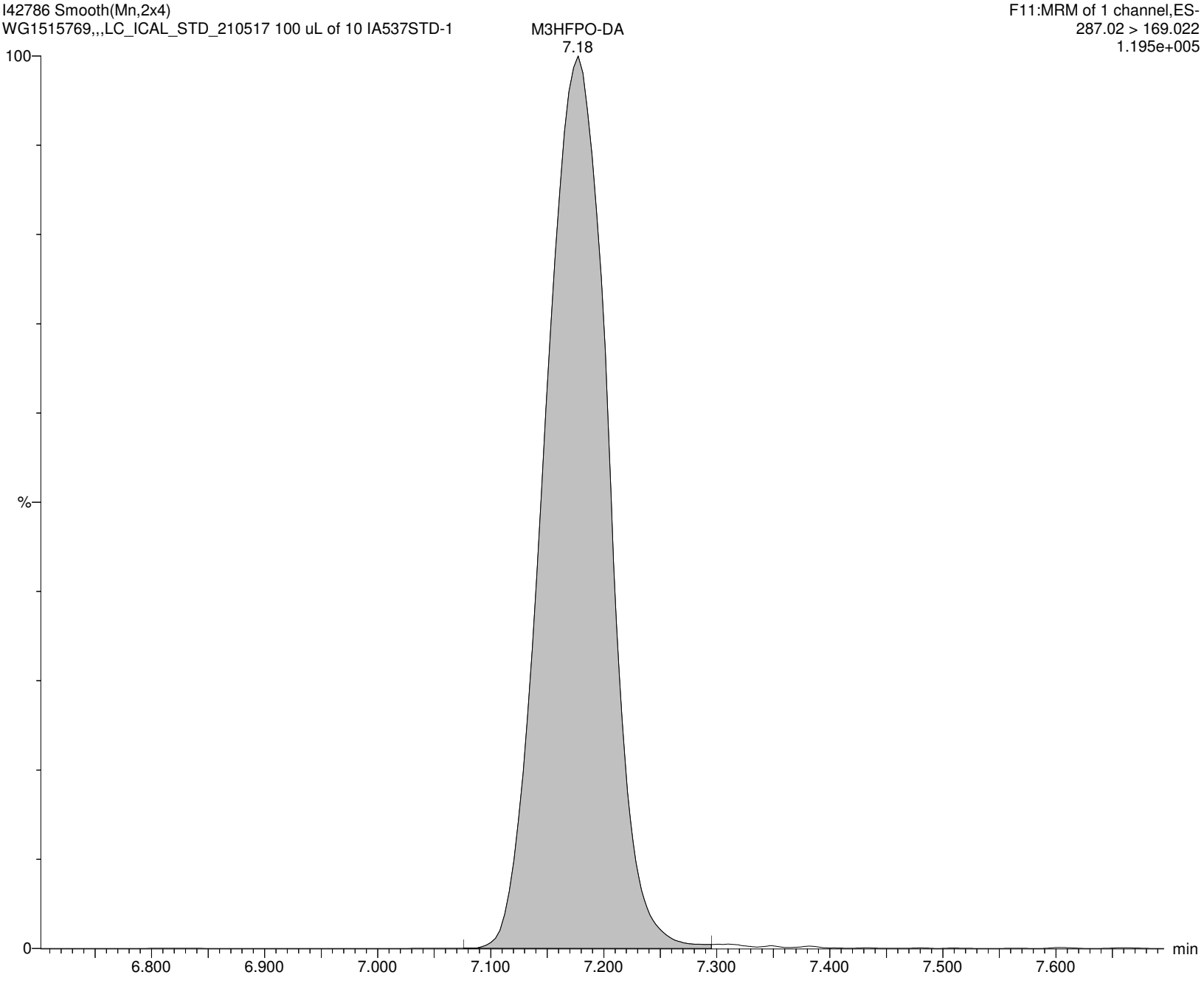


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3HFPO-DA

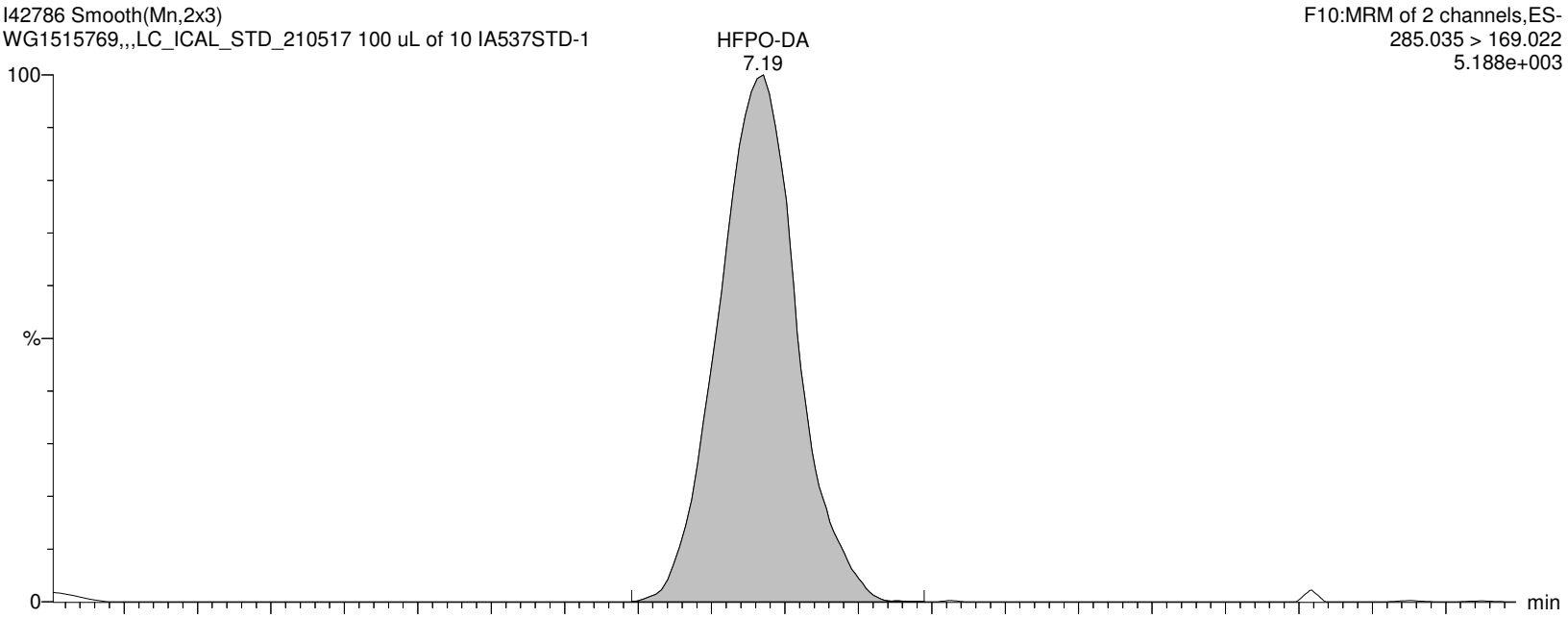


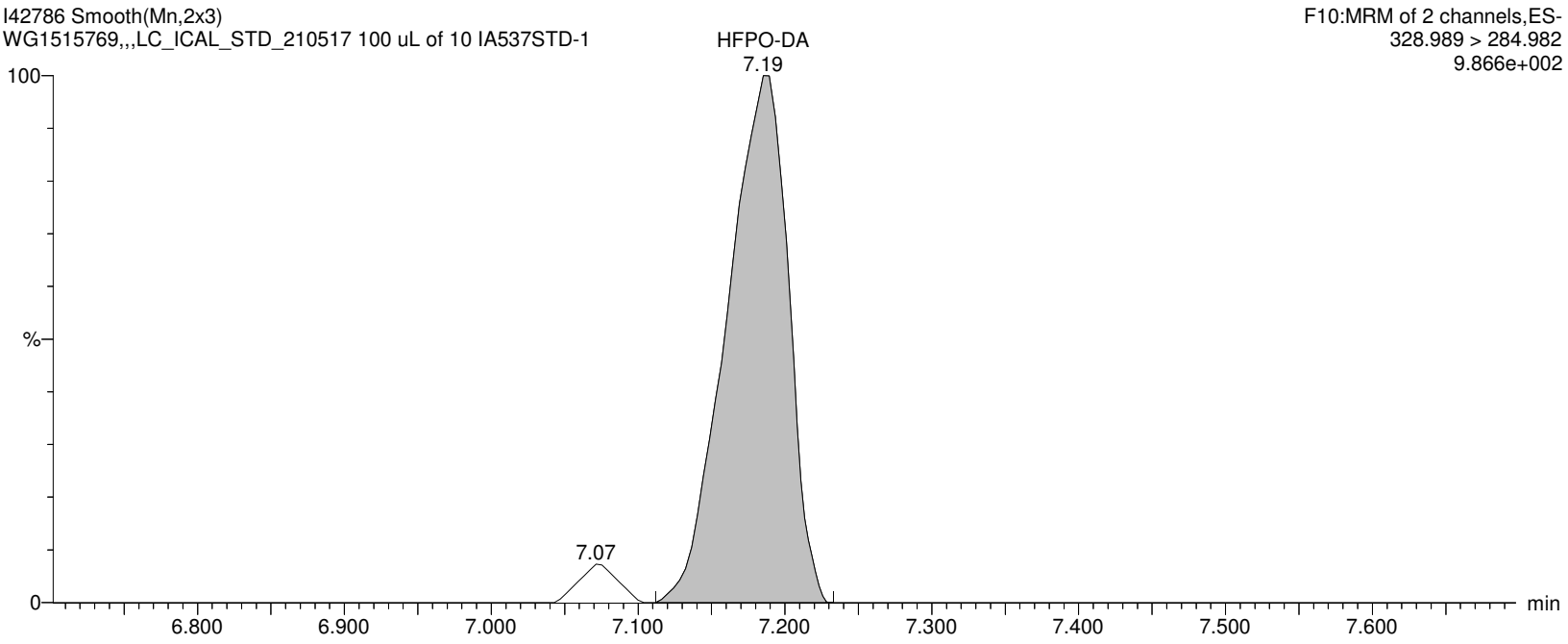
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

HFPO-DA



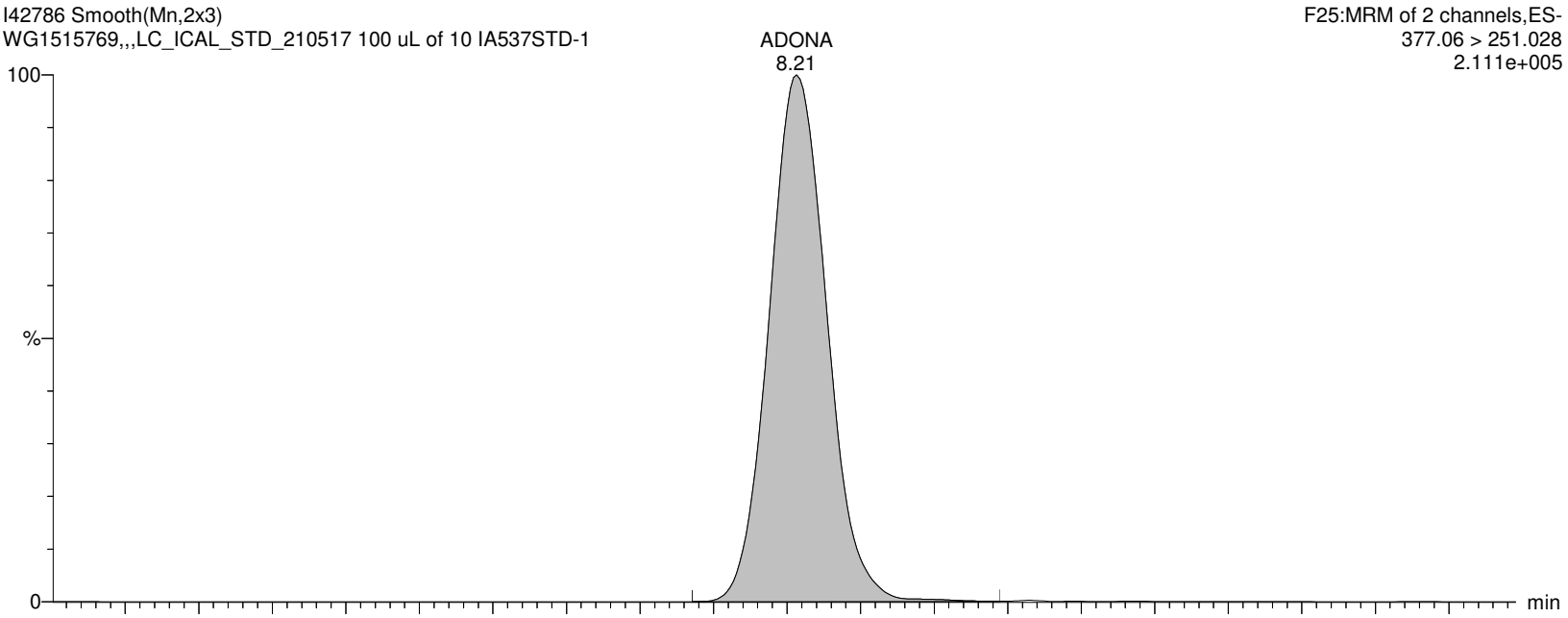


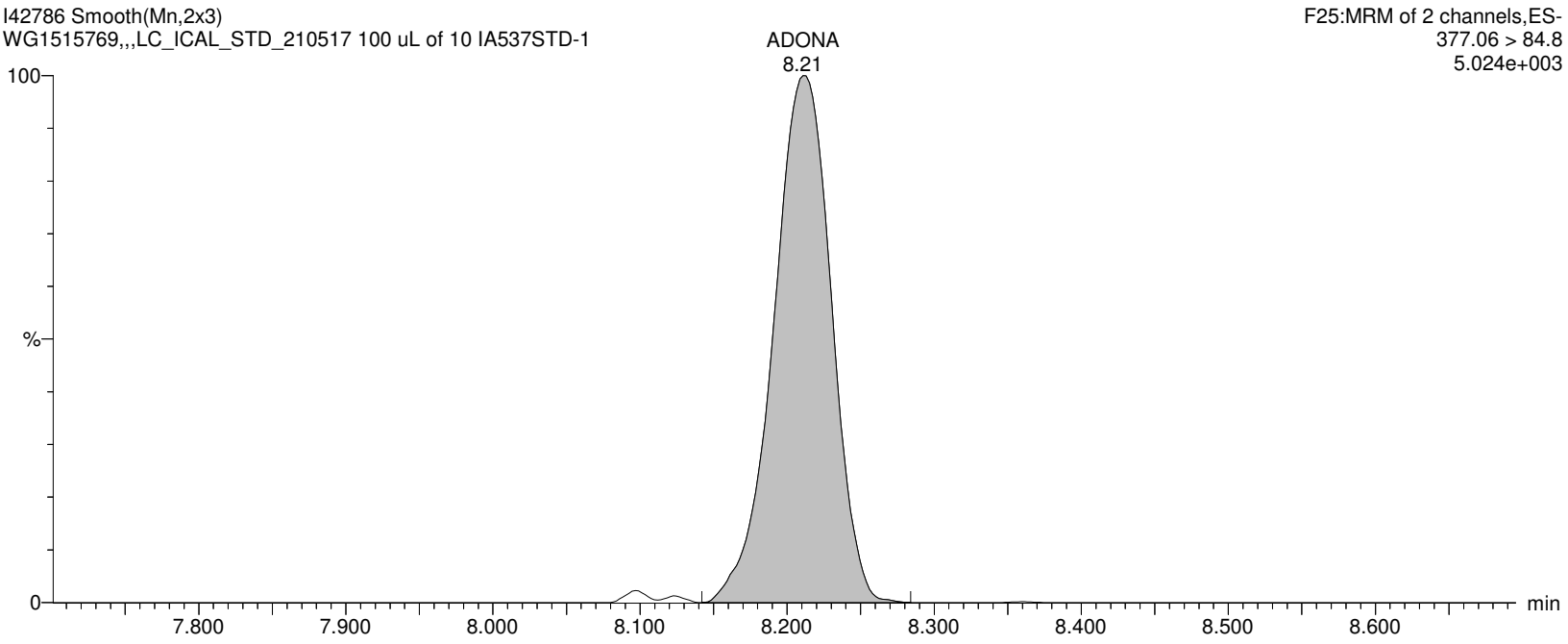
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

ADONA



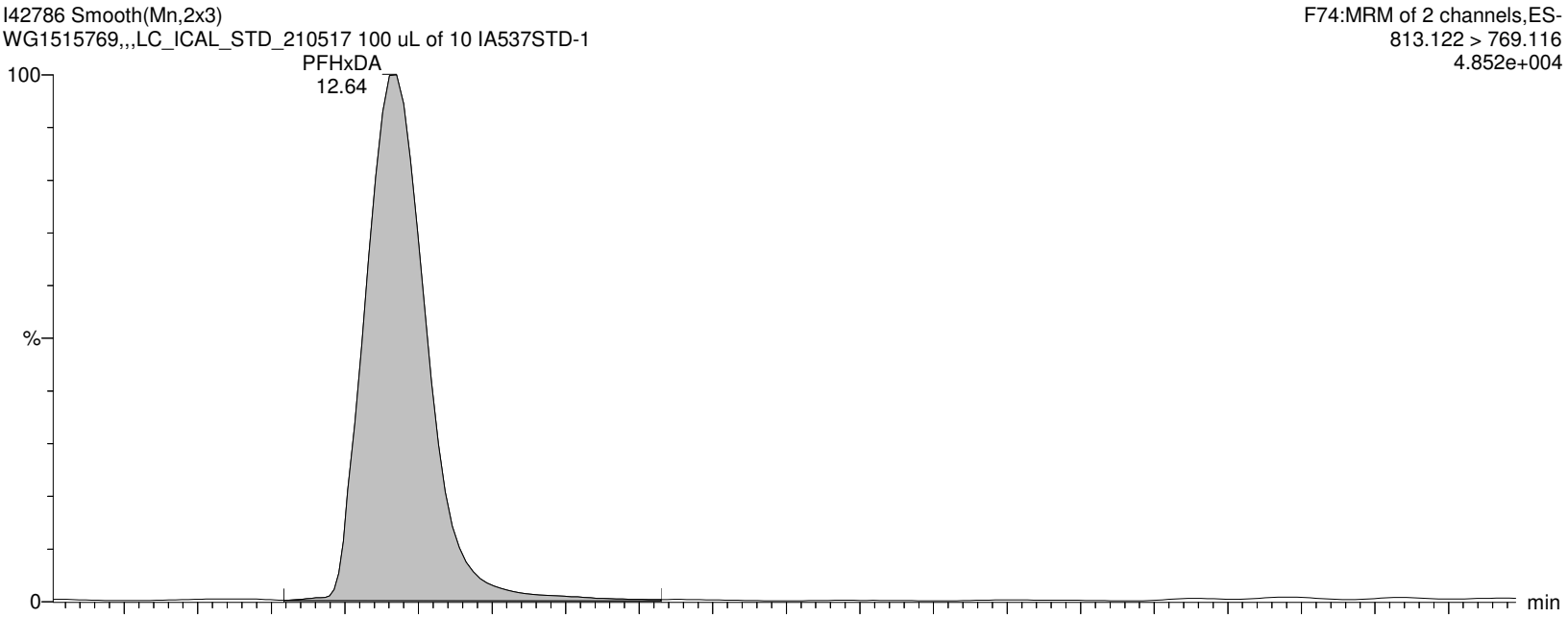


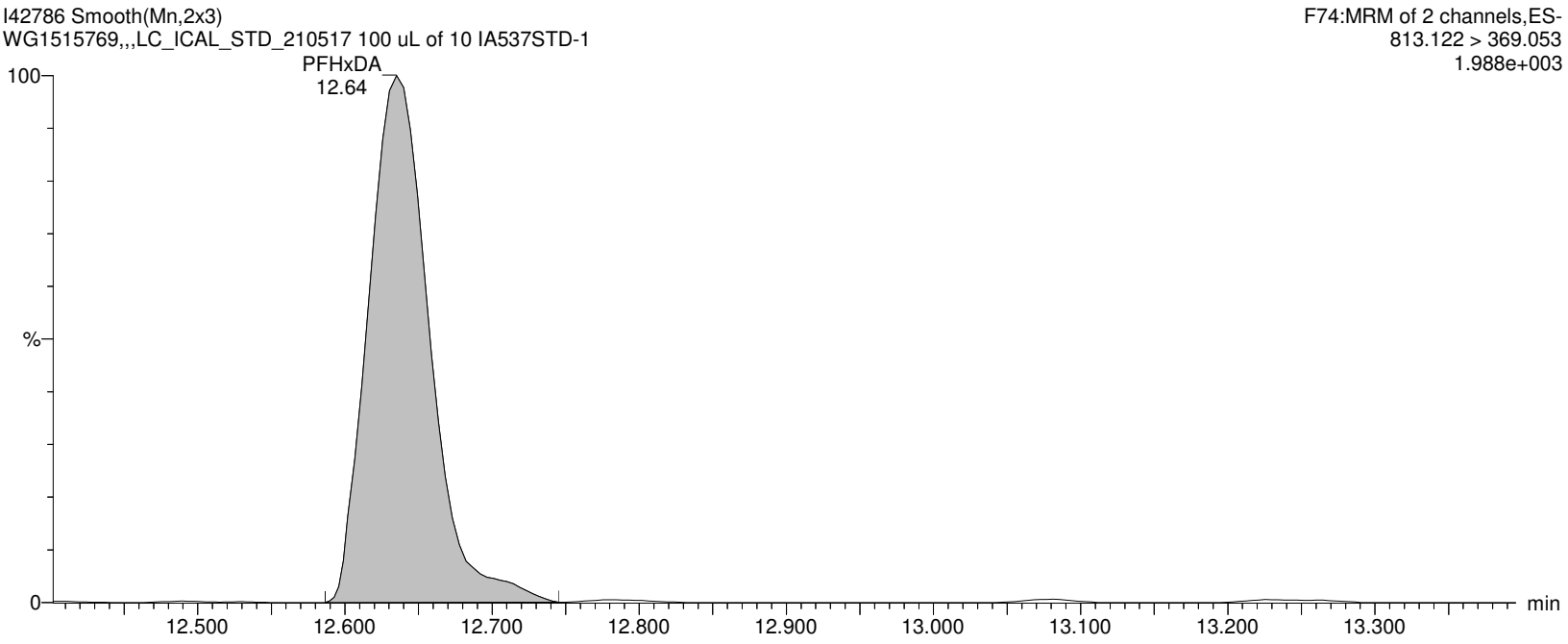
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxDA



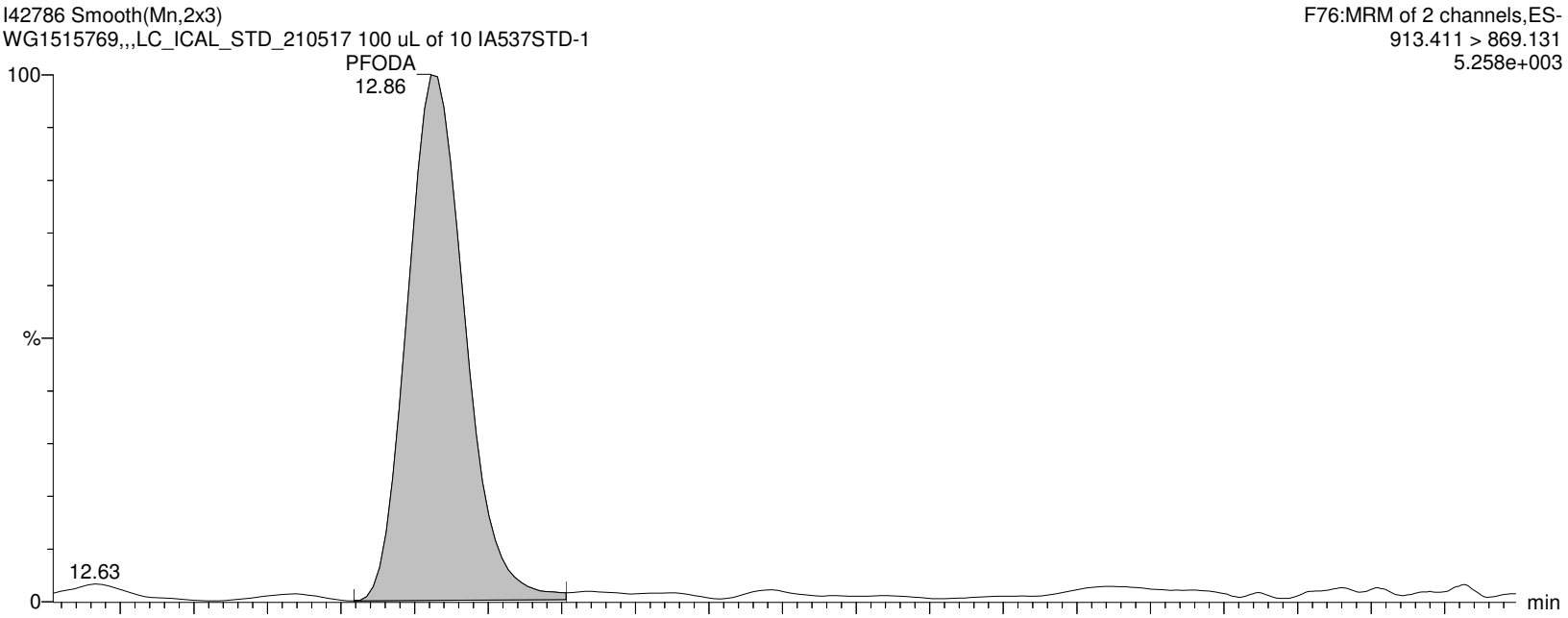


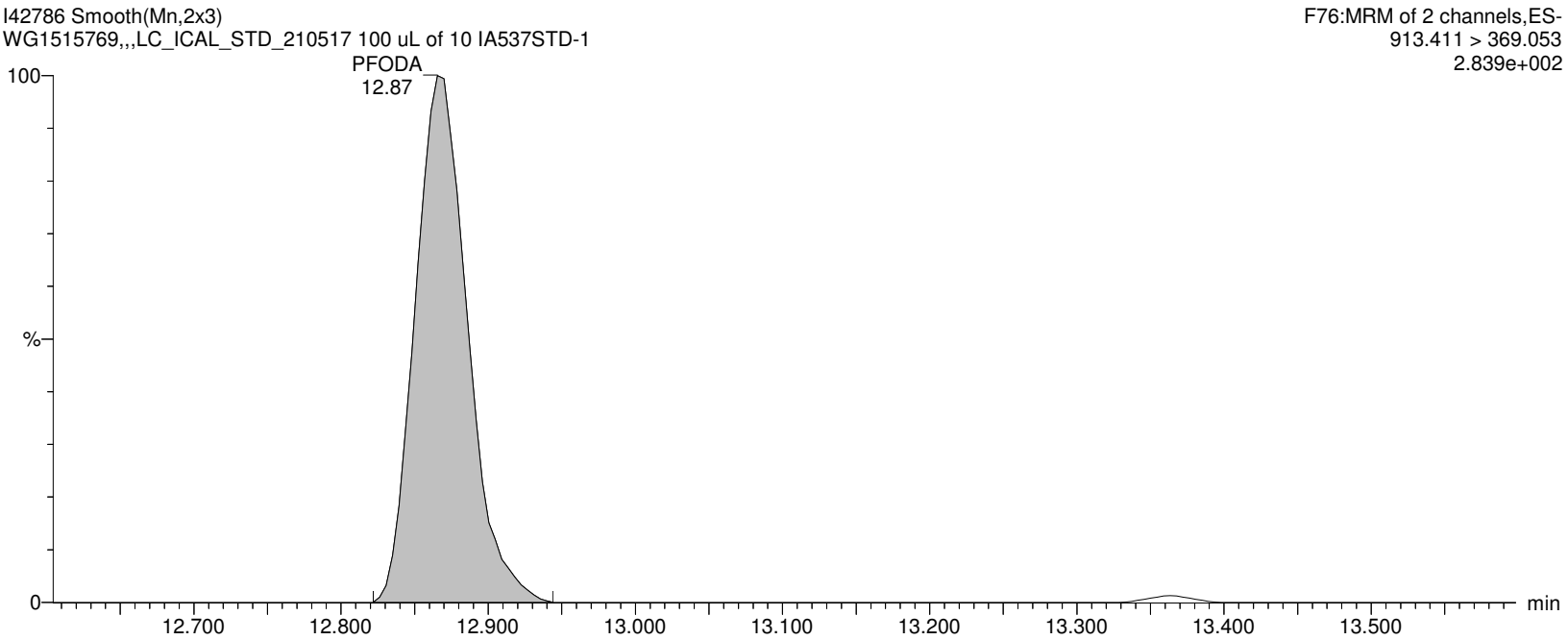
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFODA



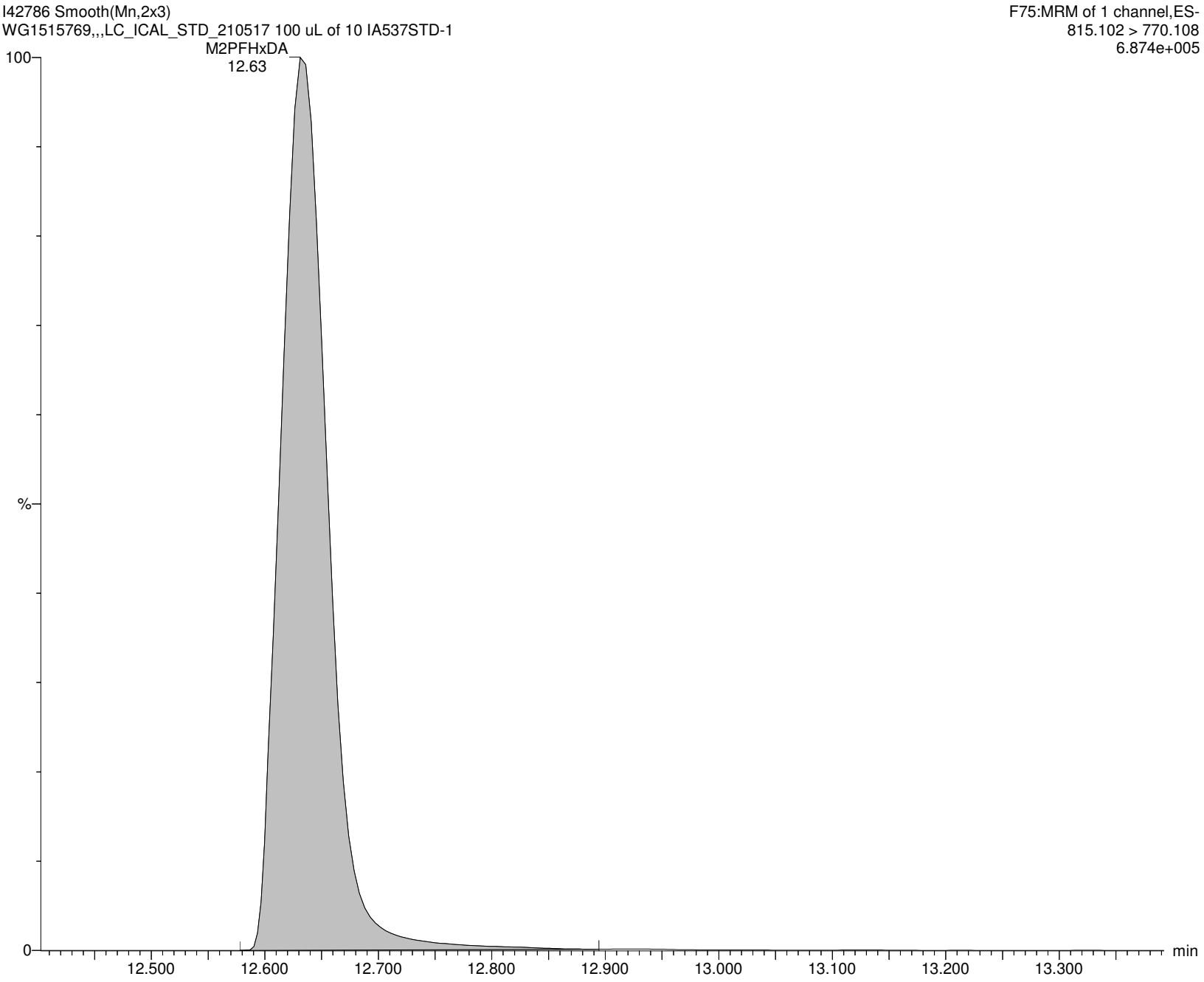


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFHxDA

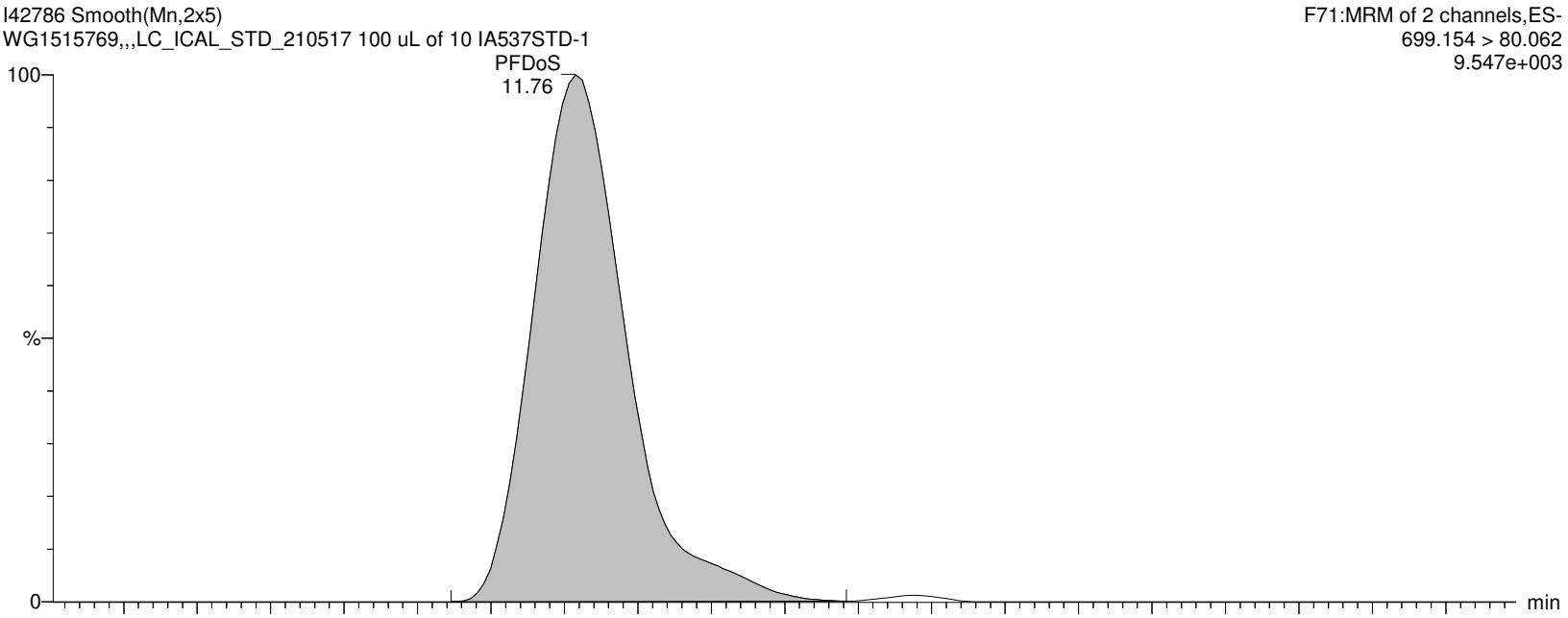


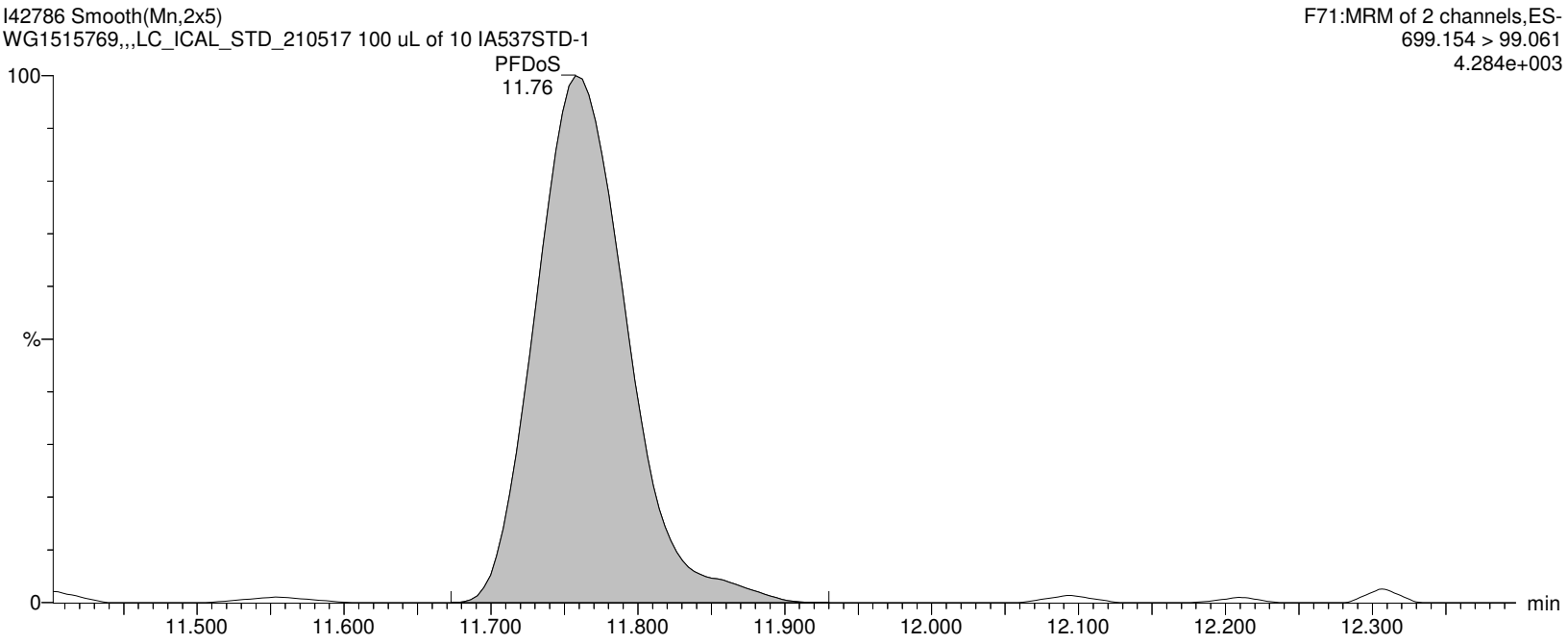
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoS



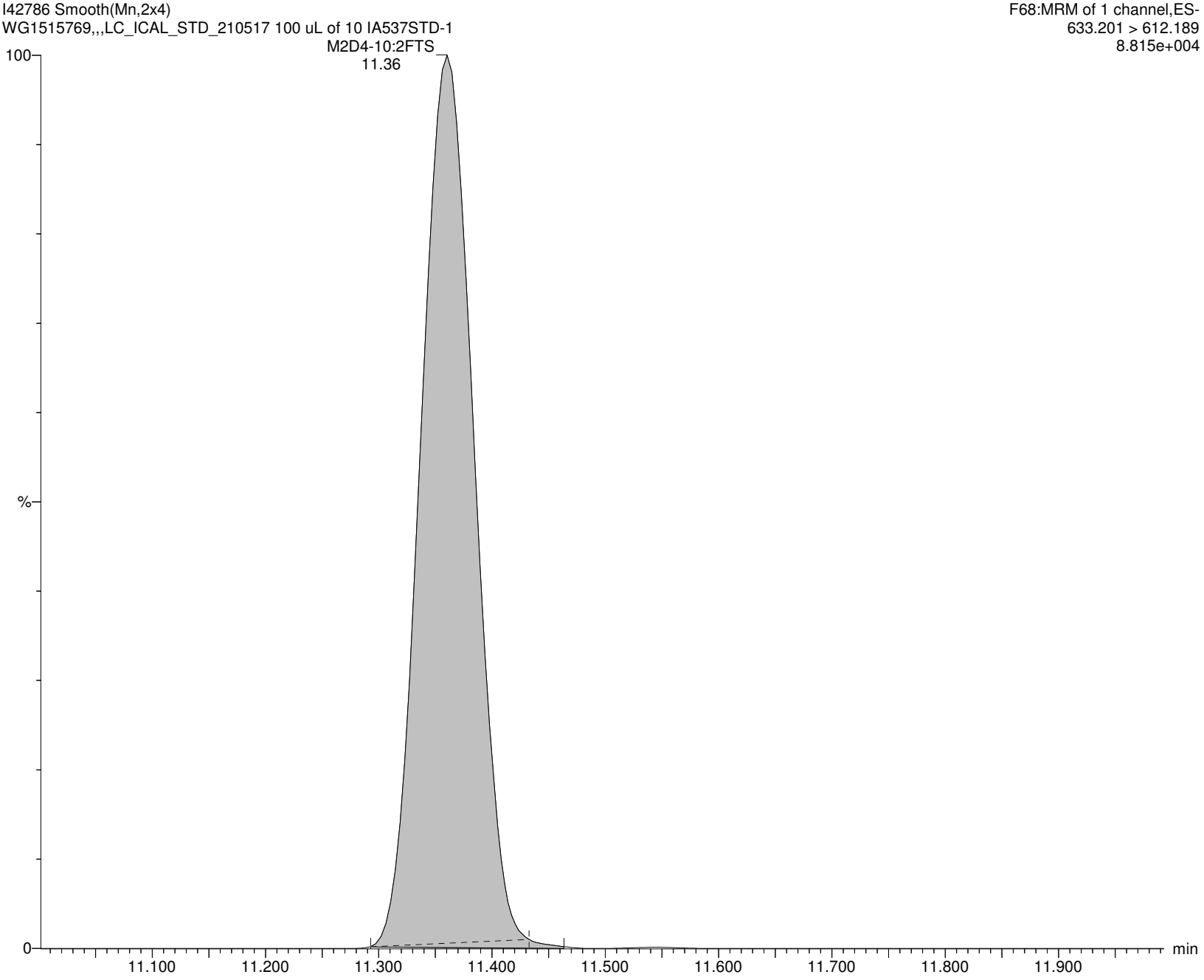


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2D4-10:2FTS

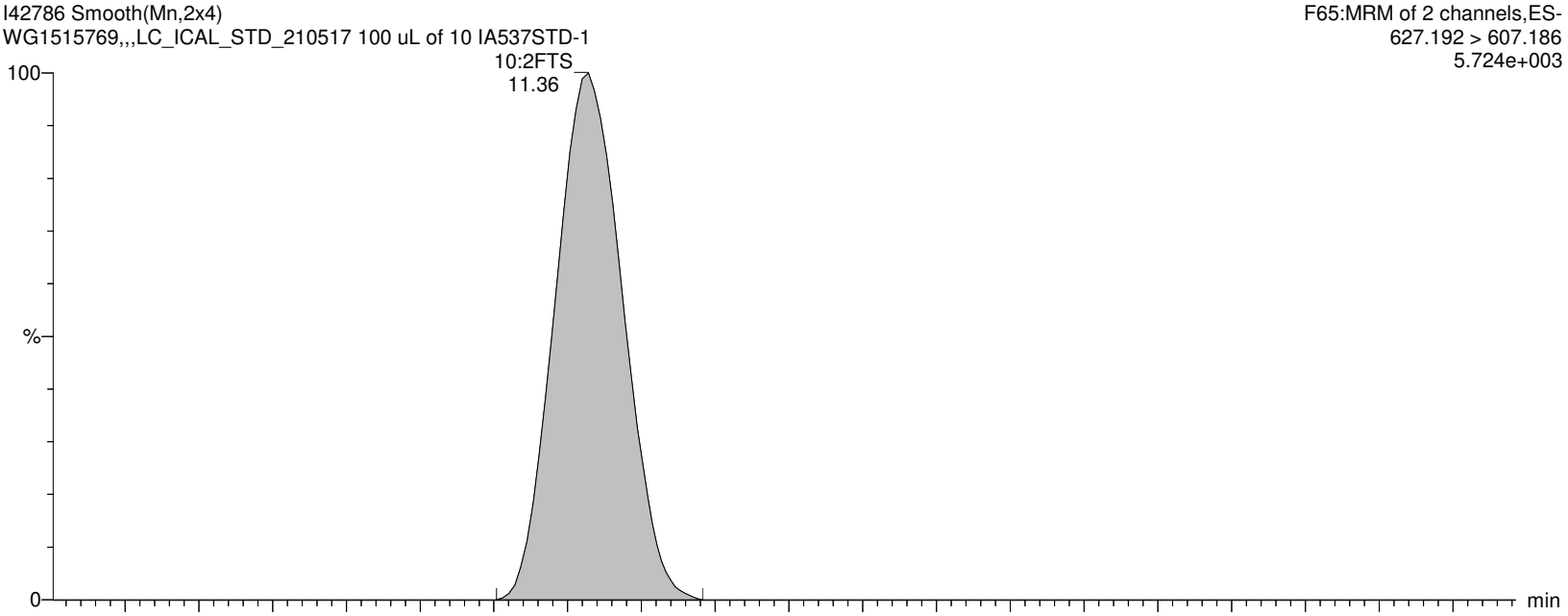


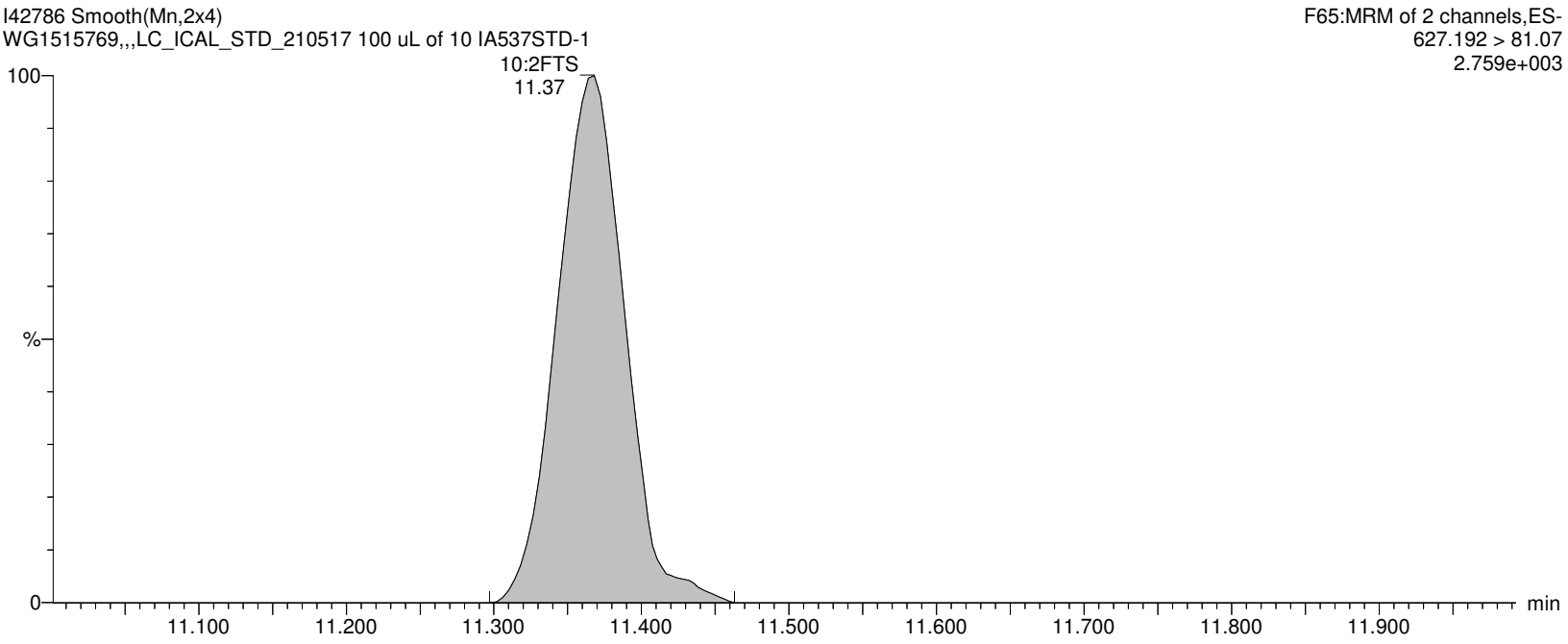
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

10:2FTS



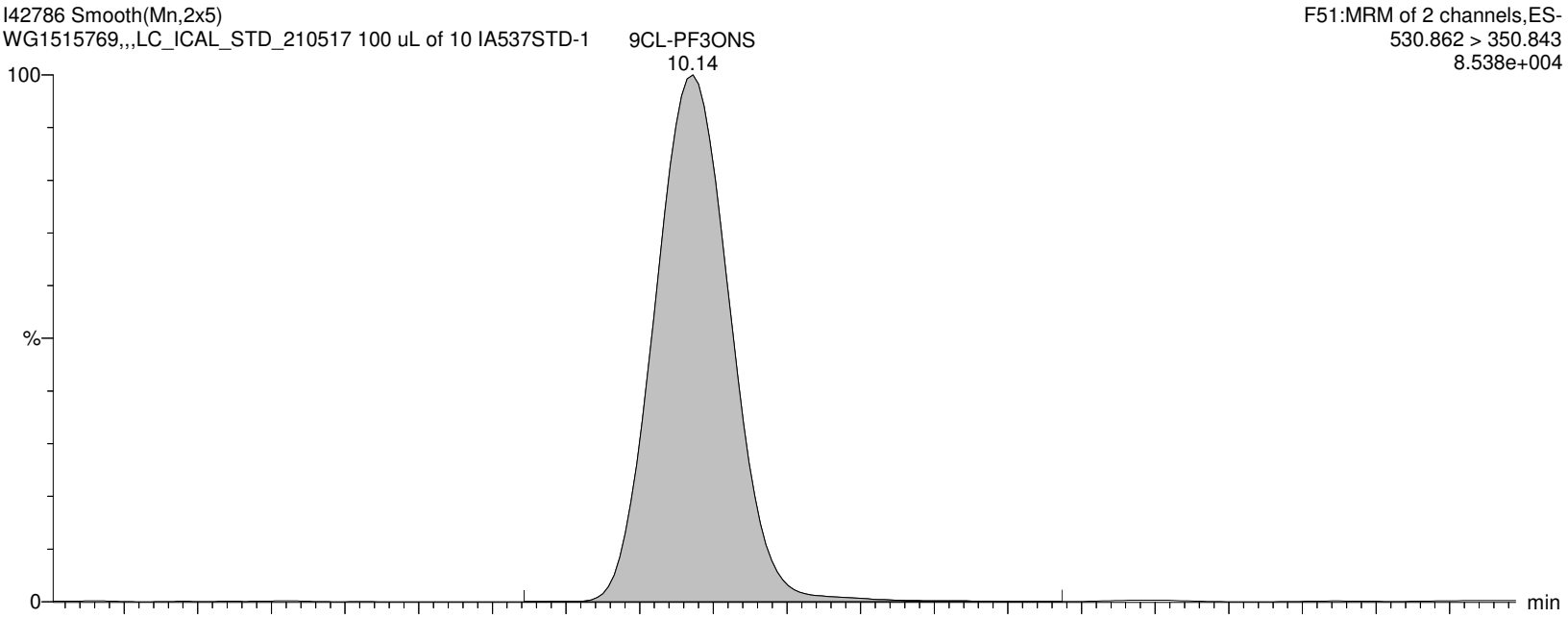


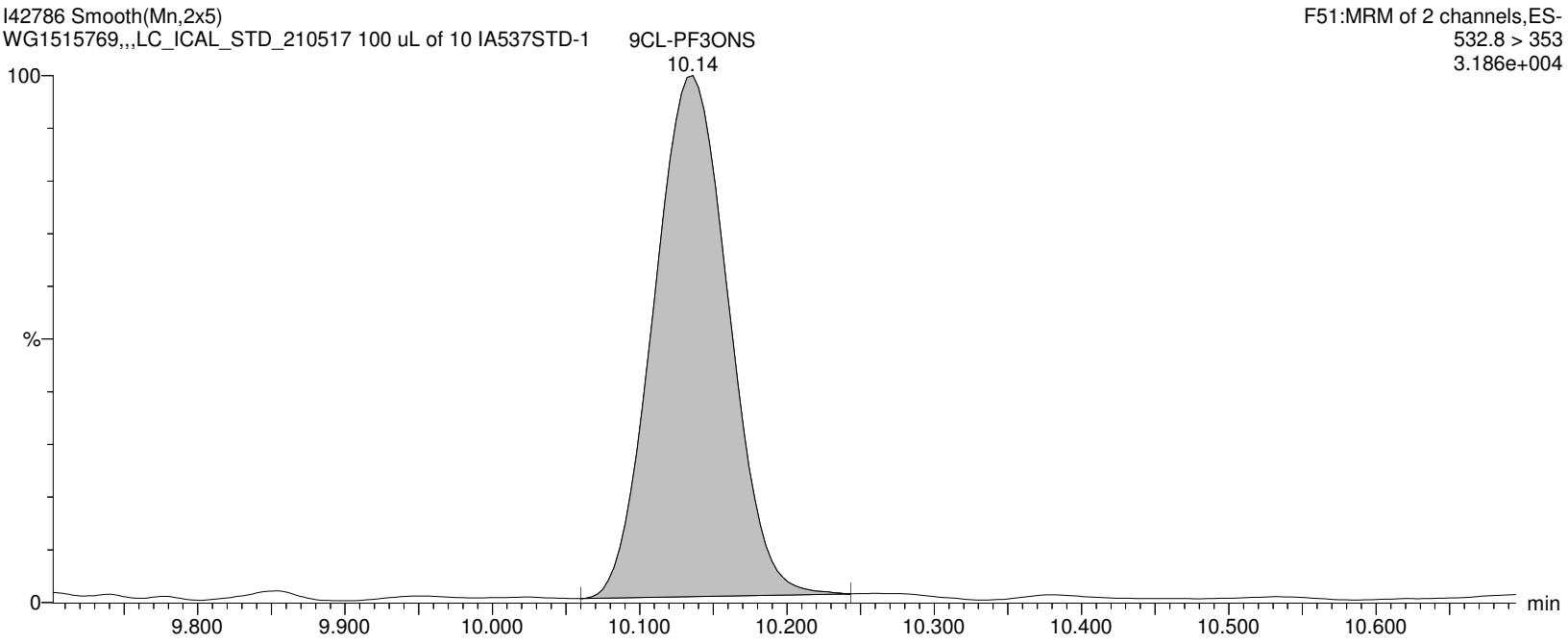
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

9CL-PF3ONS



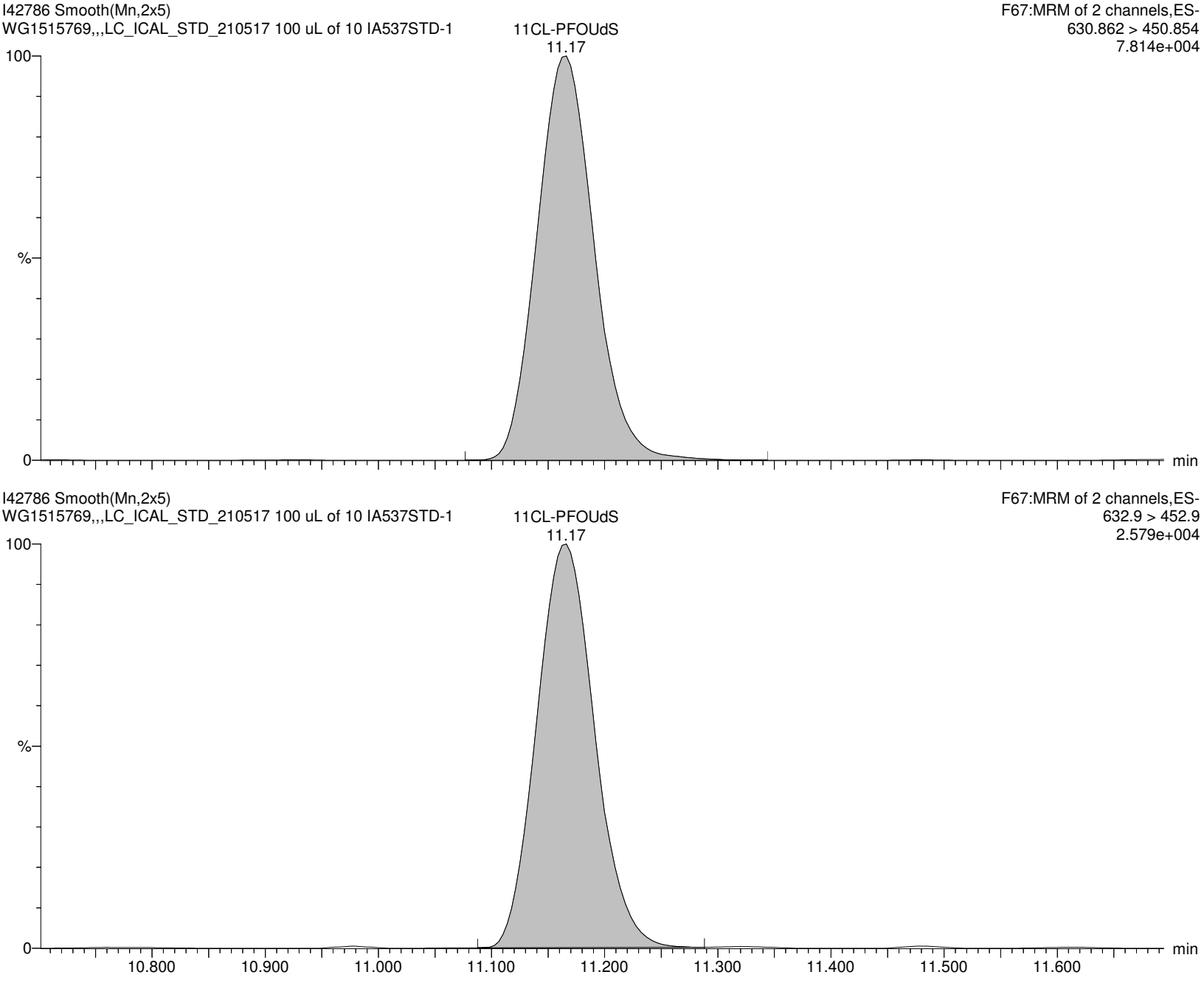


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

11CL-PFOUdS

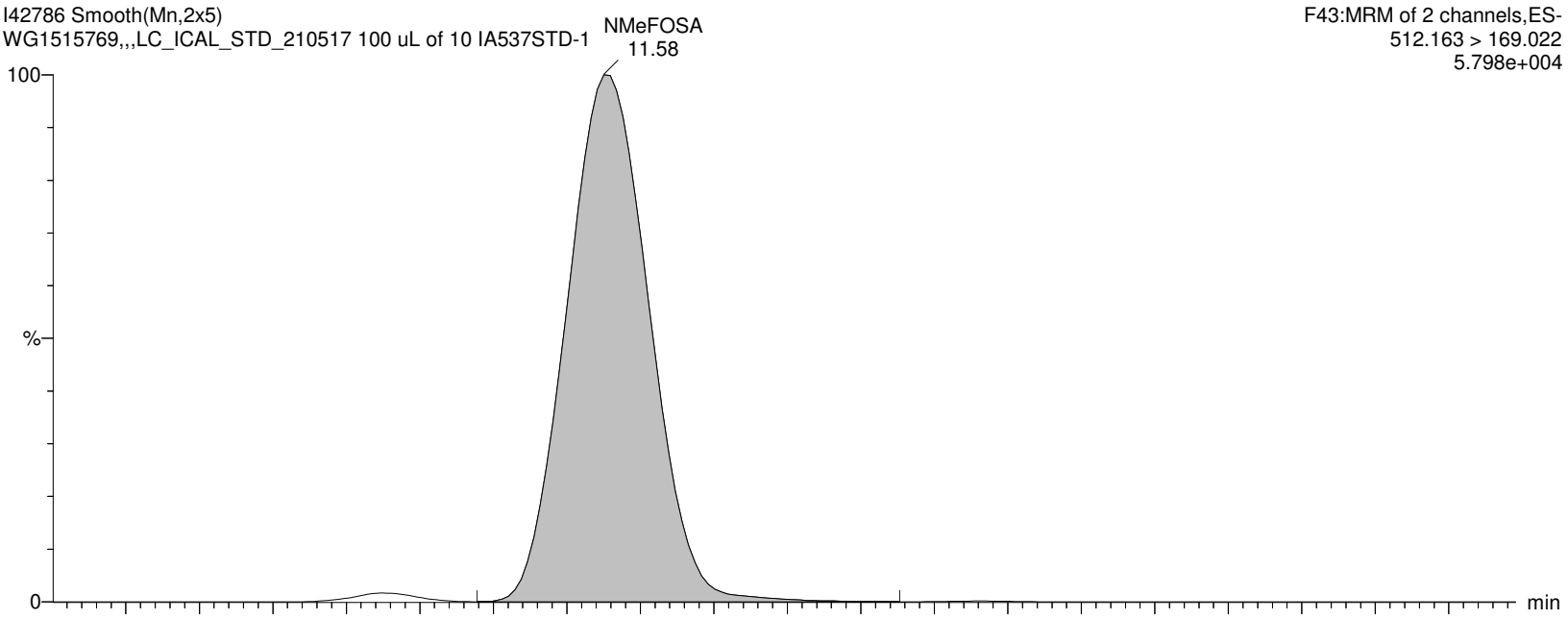


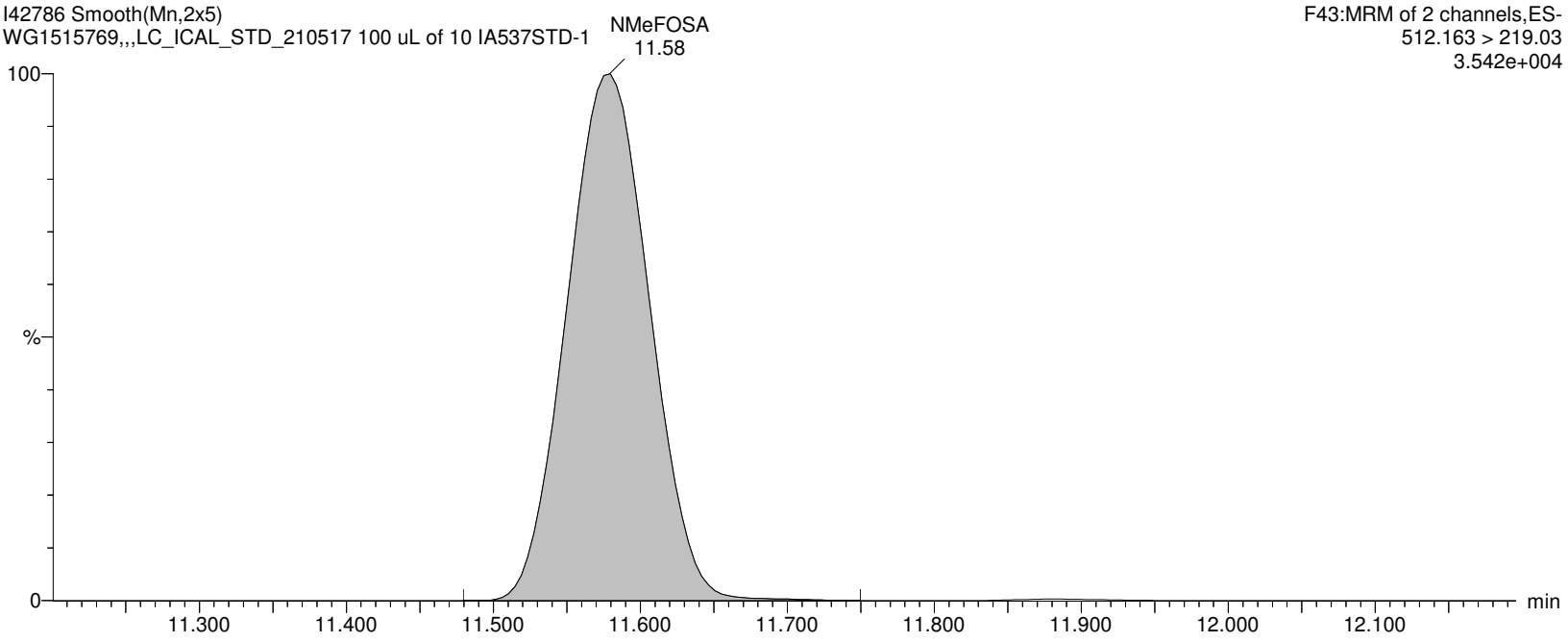
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSA



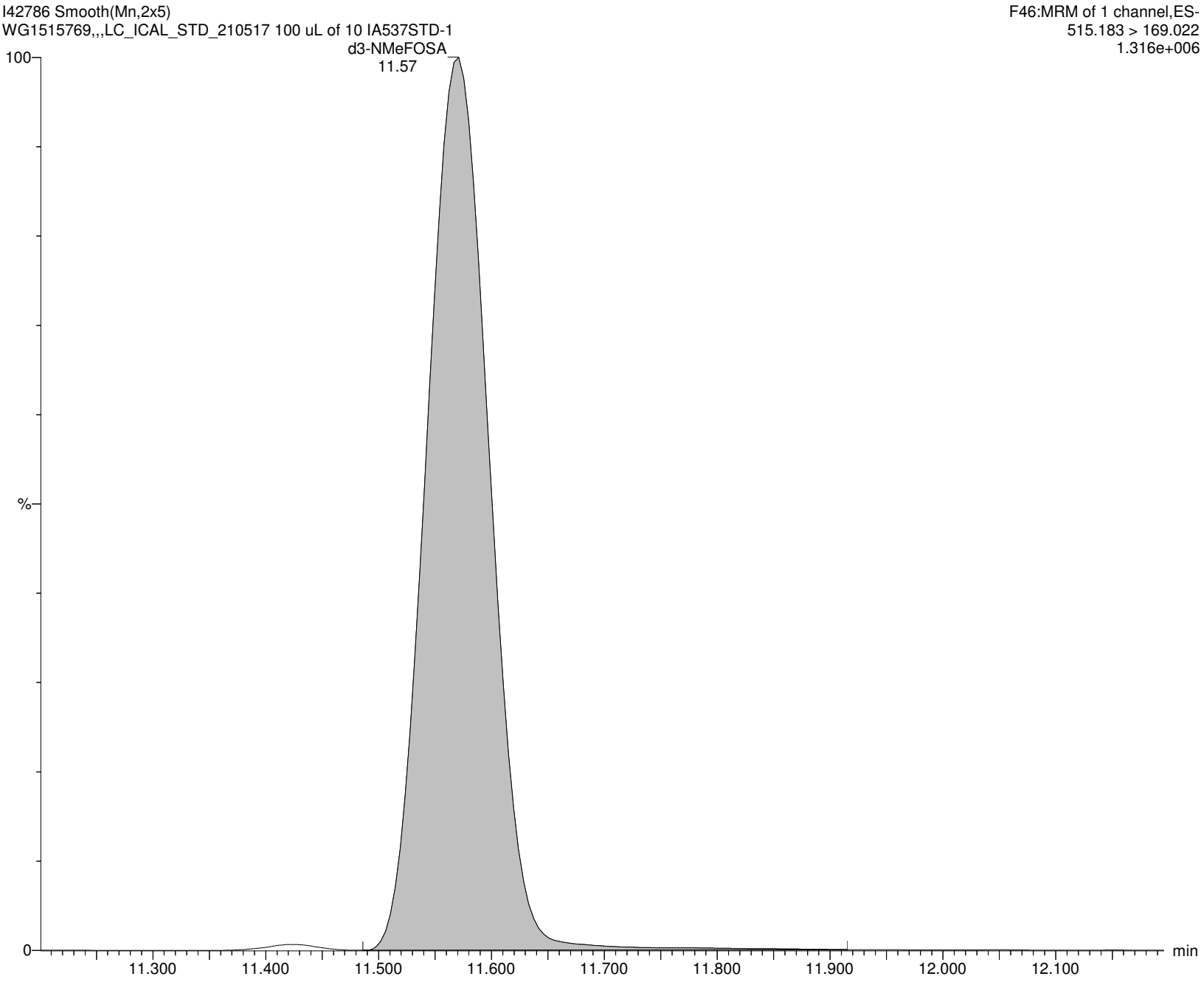


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSA

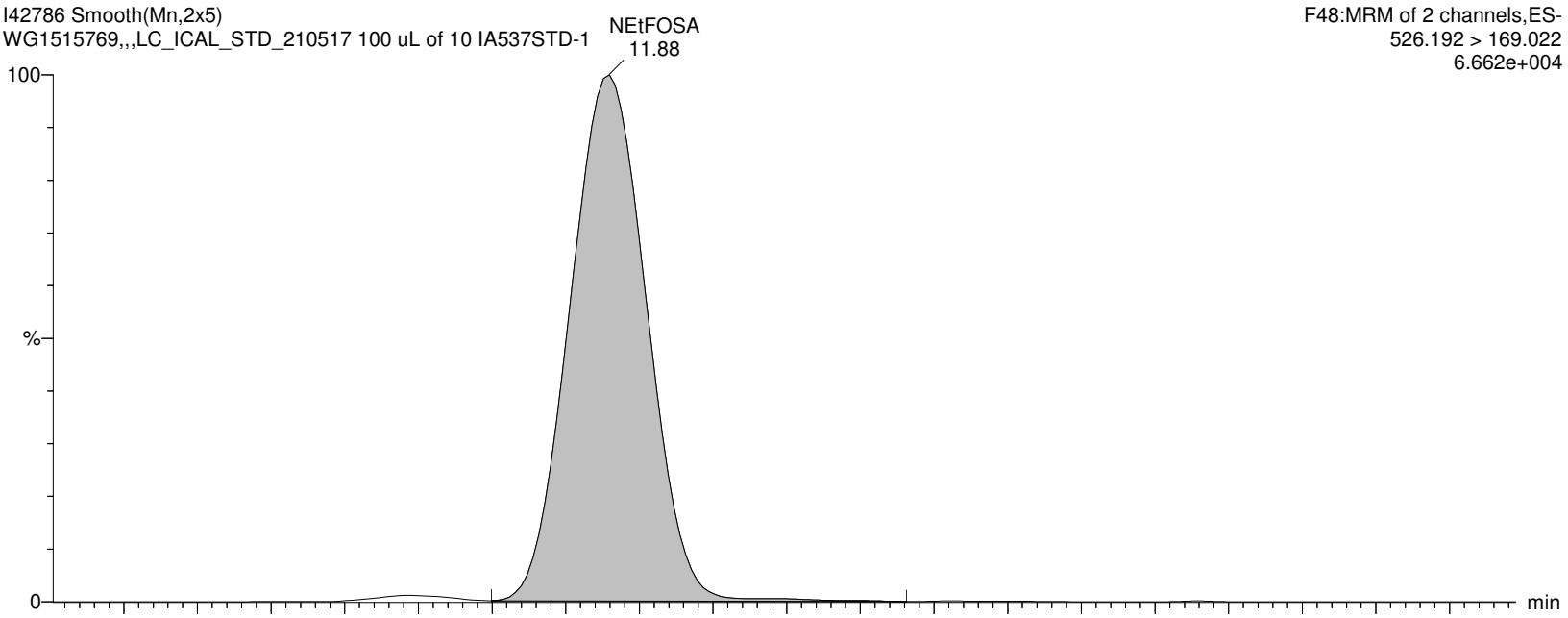


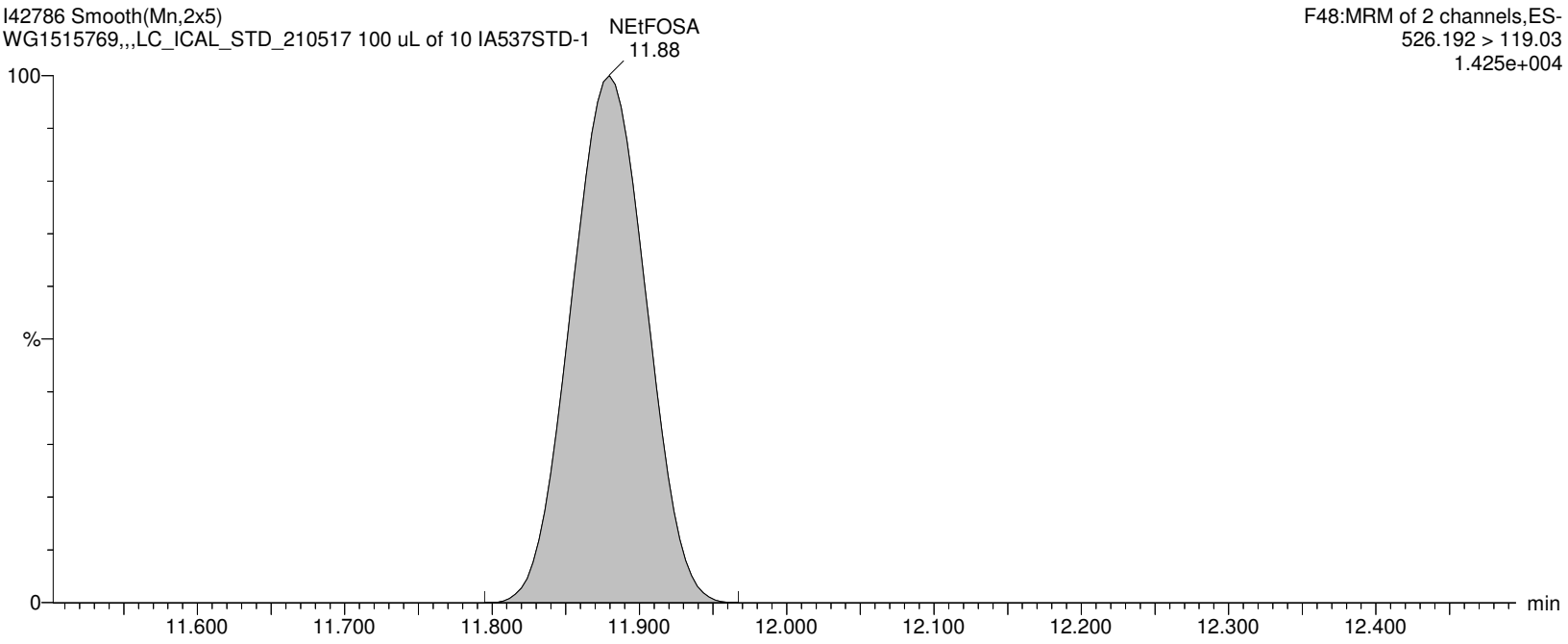
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSA



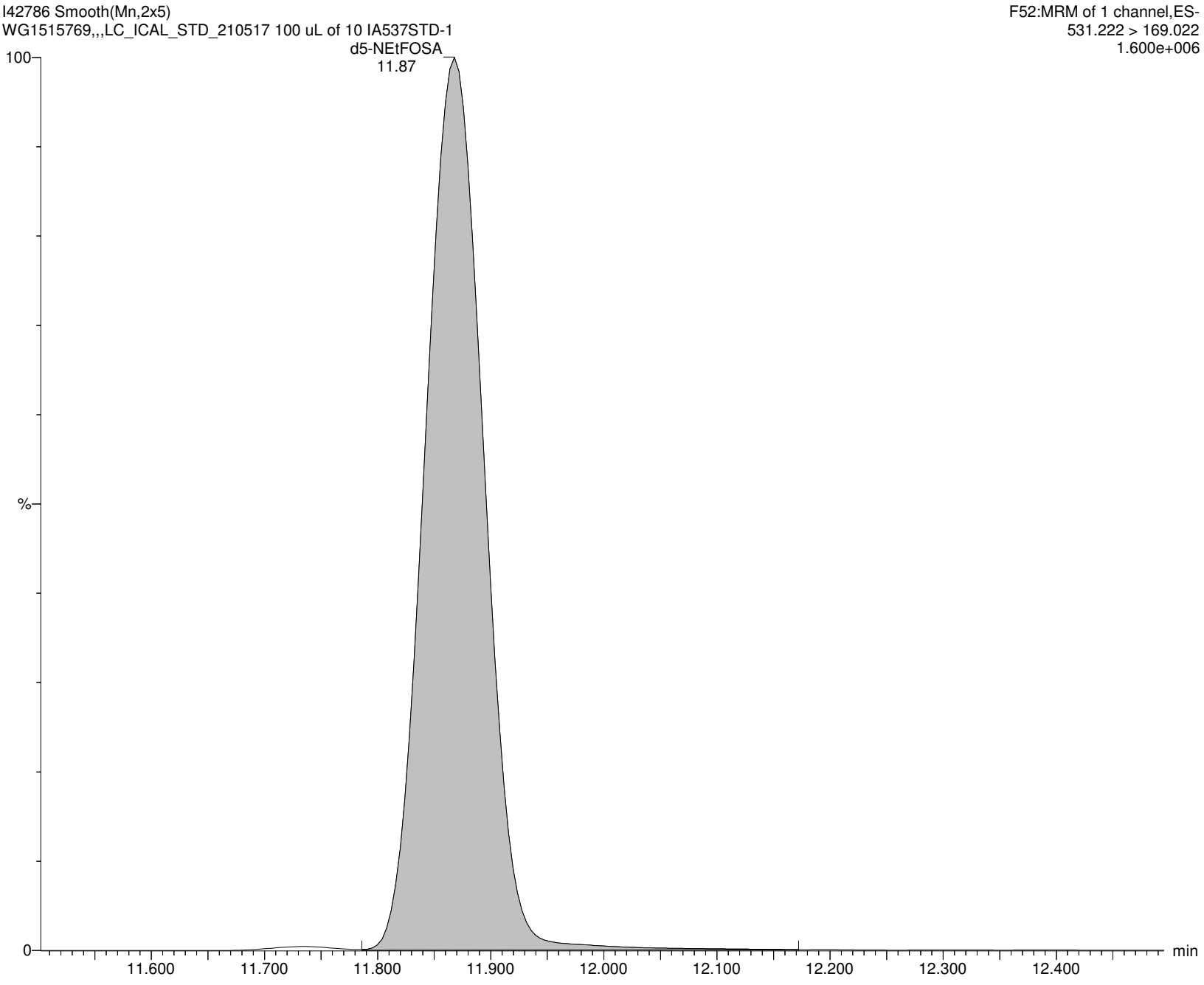


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSA

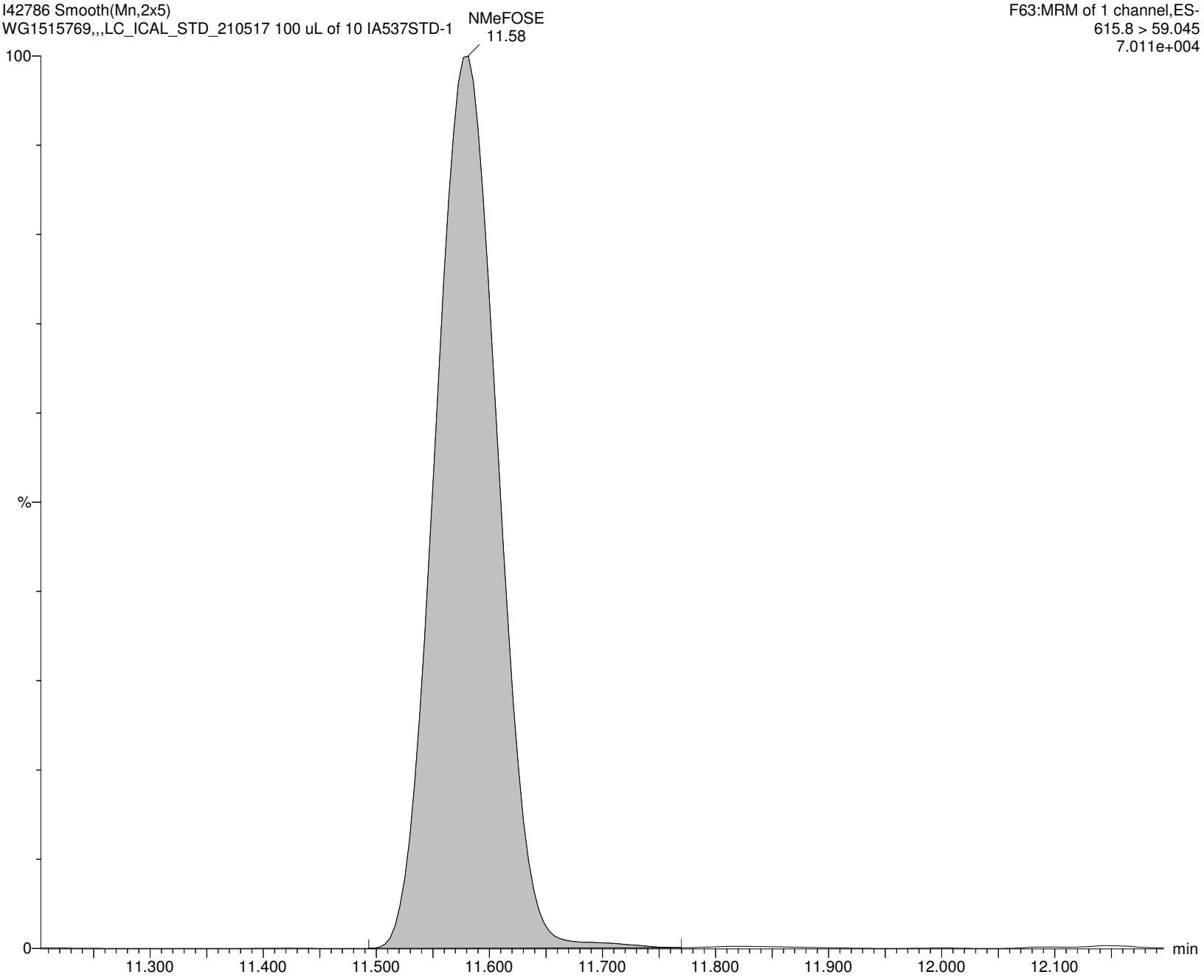


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSE

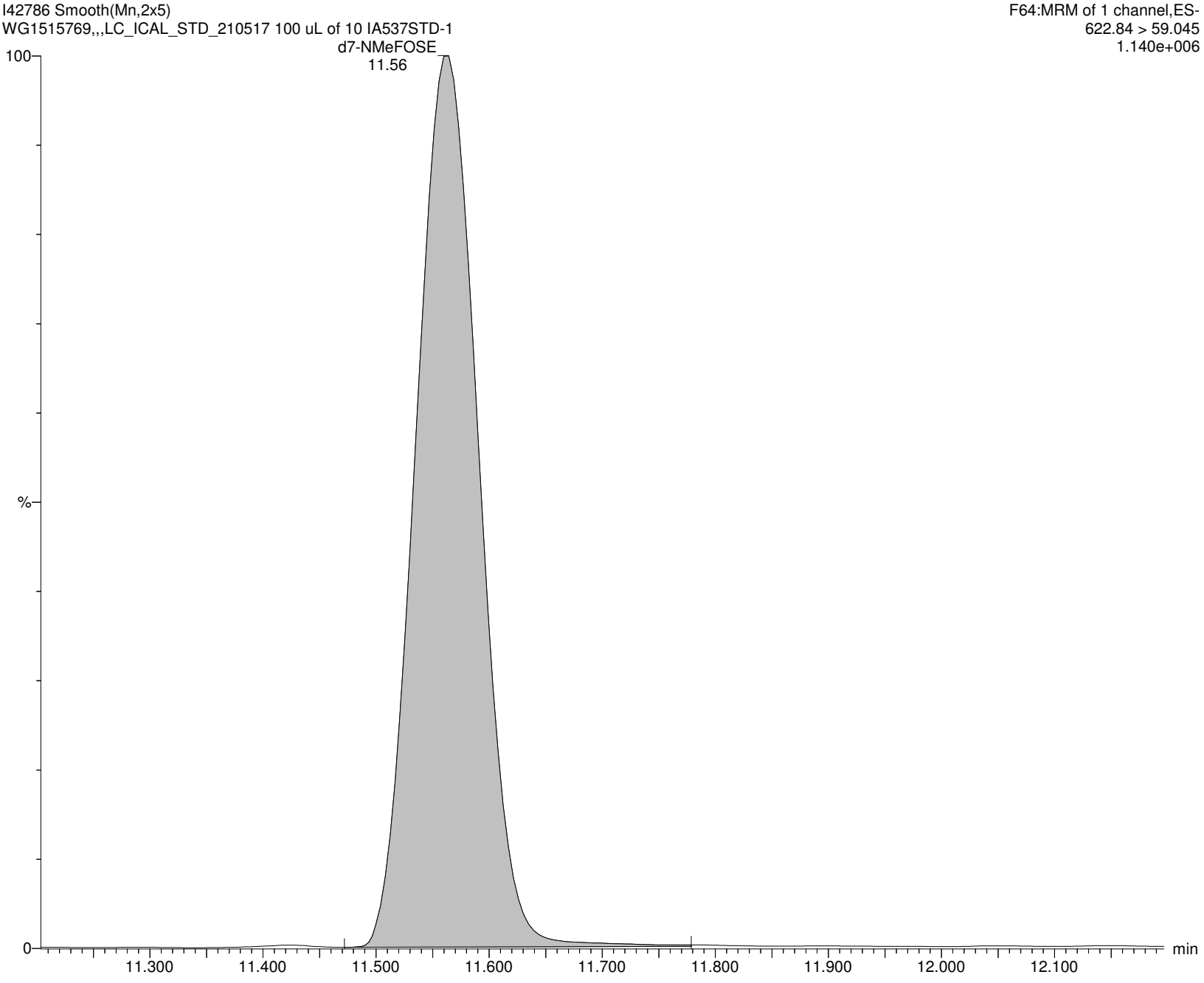


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d7-NMeFOSE

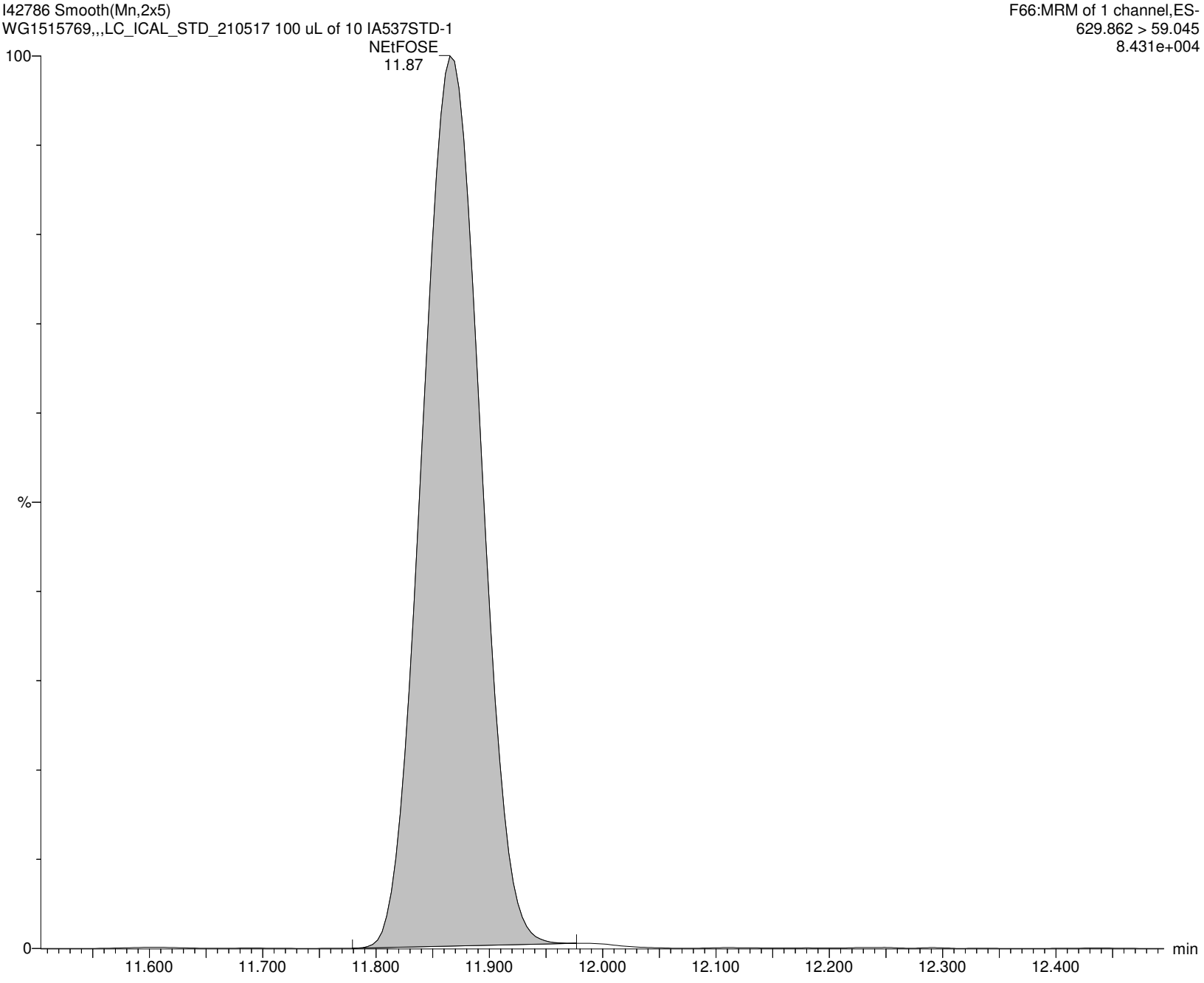


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSE

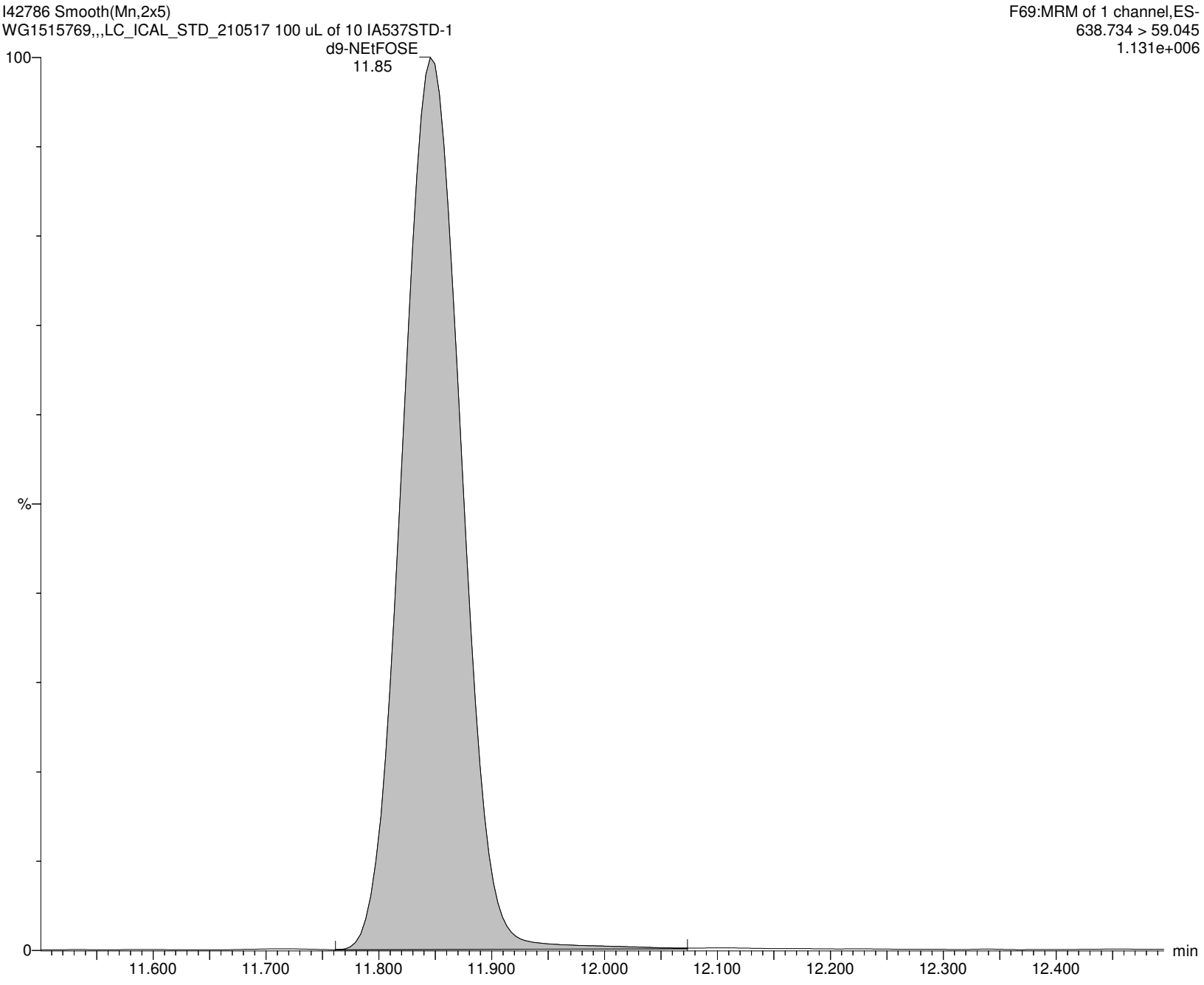


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d9-NEtFOSE

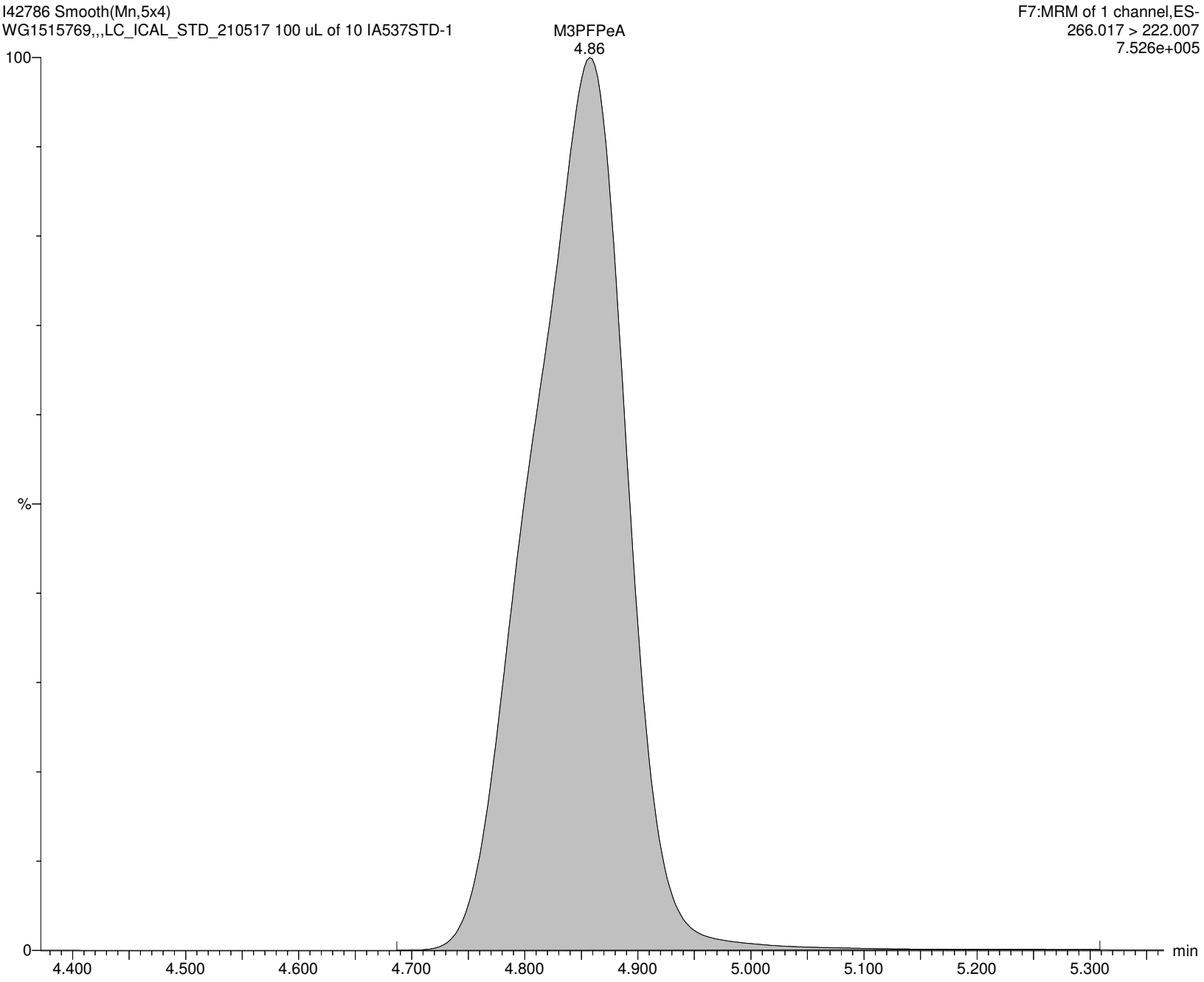


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFPeA

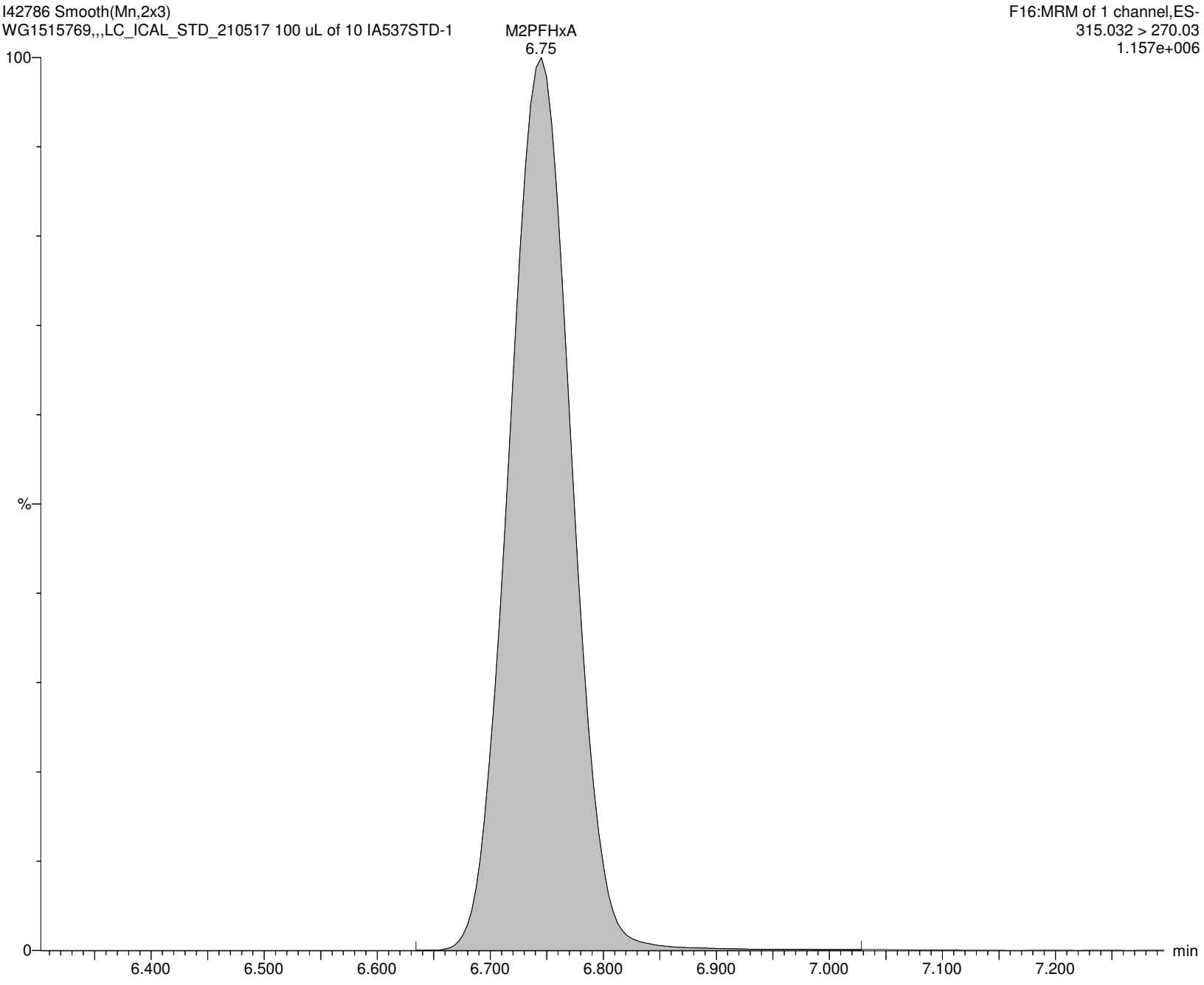


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFHxA

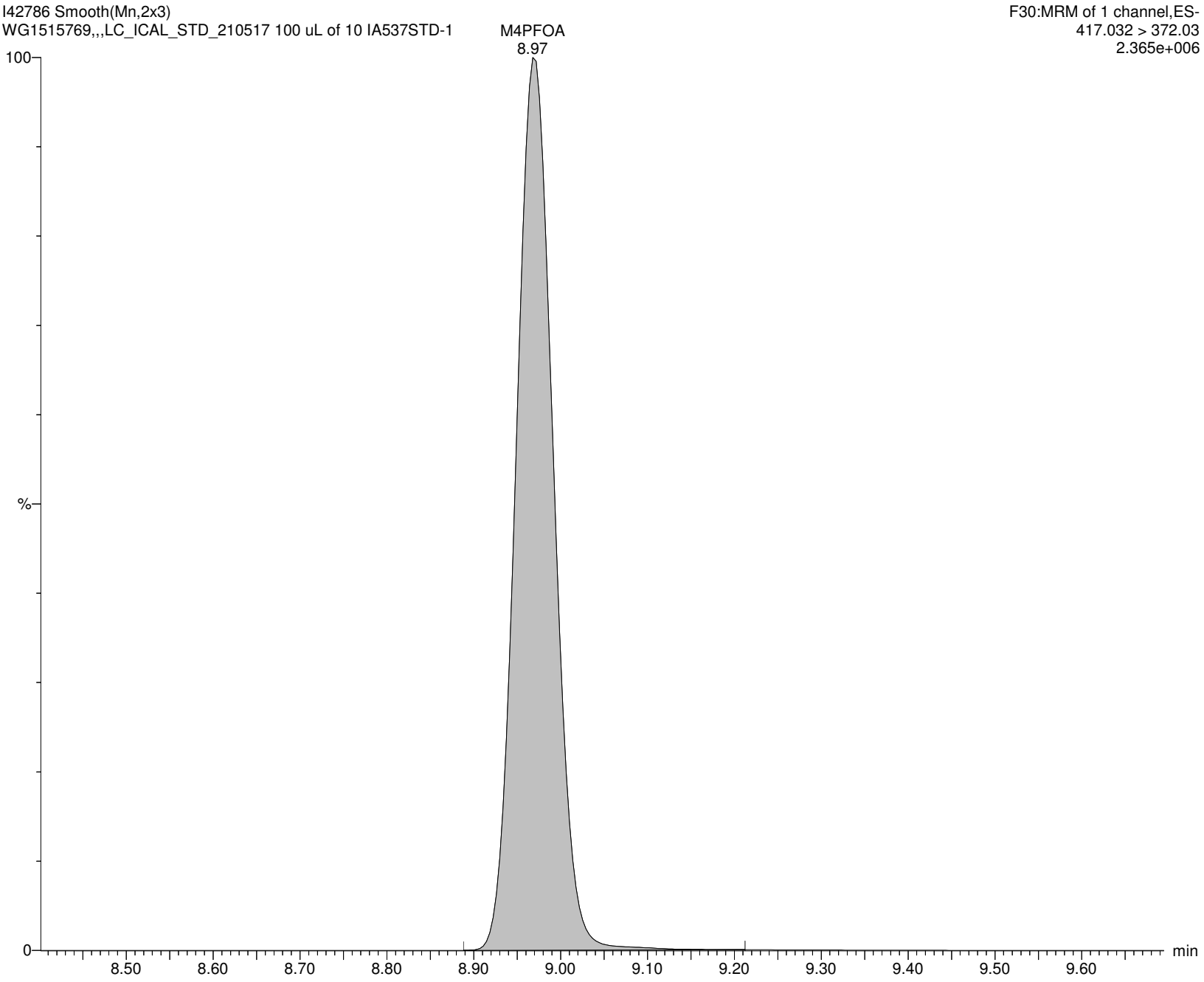


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOA

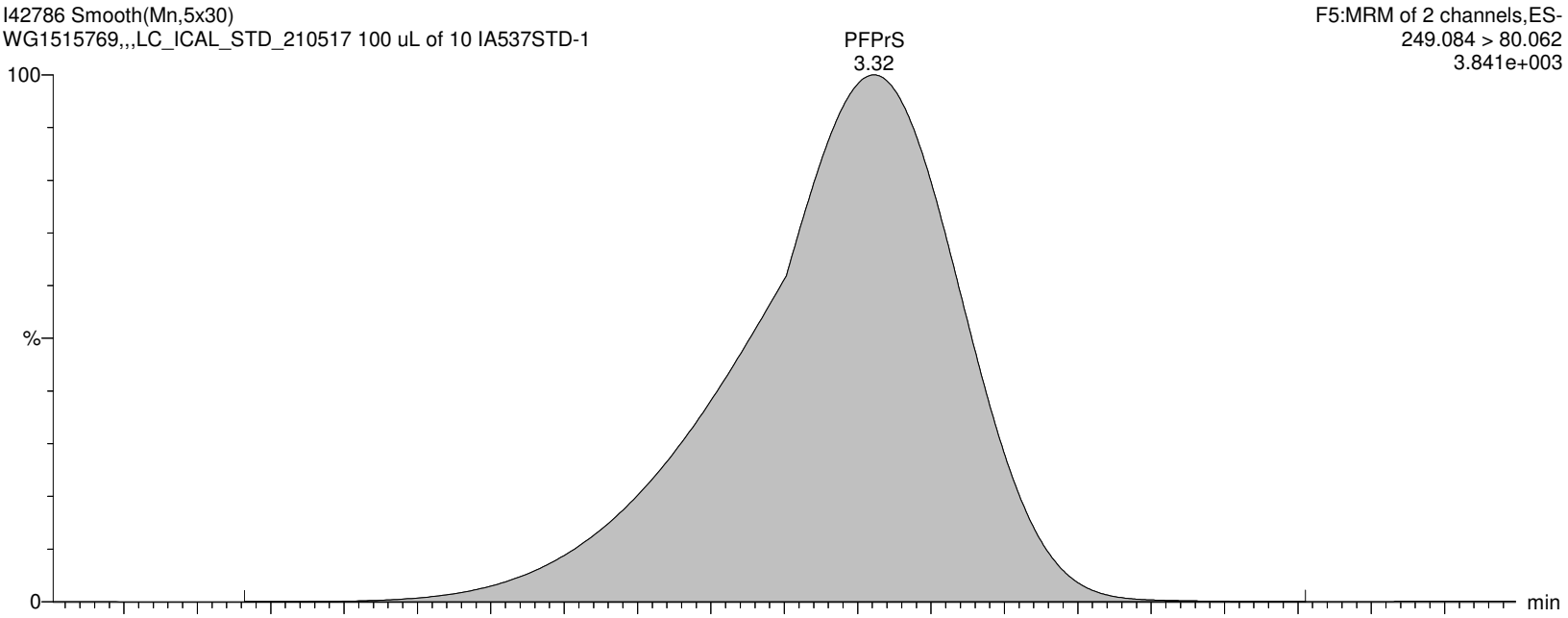


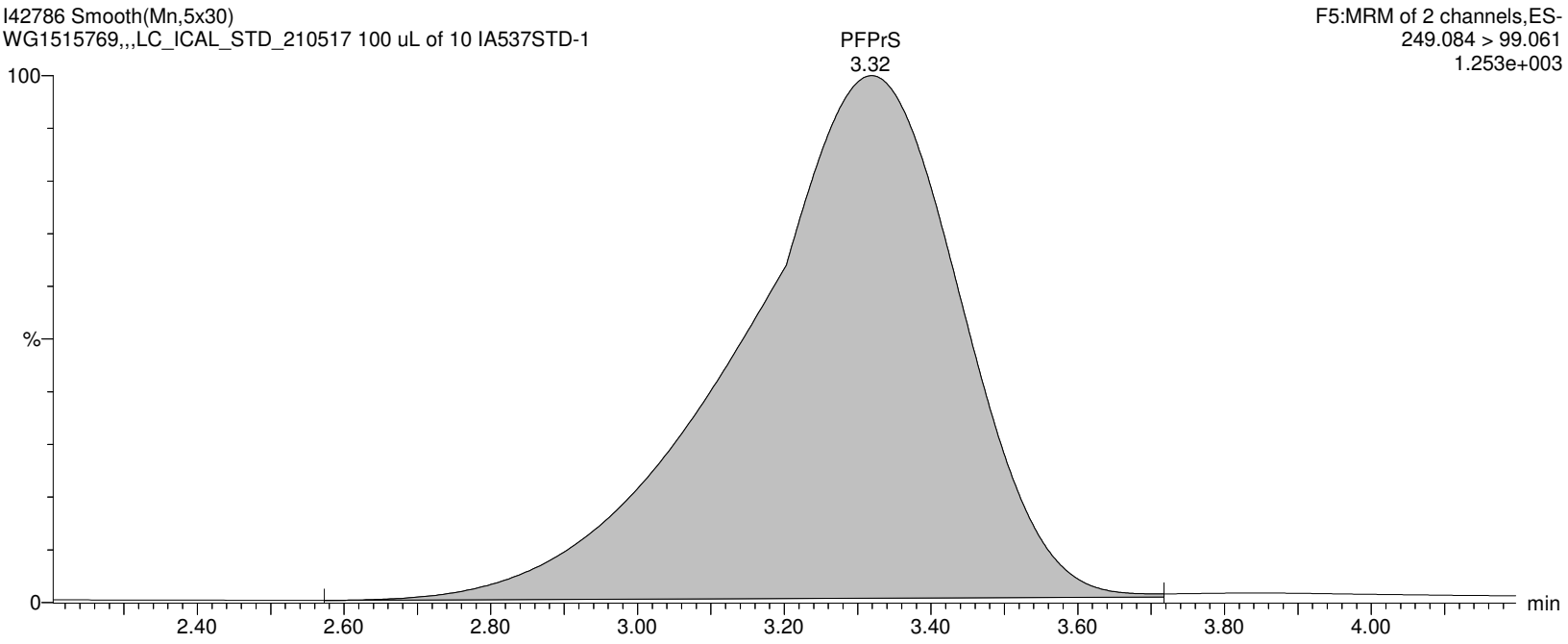
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPrS



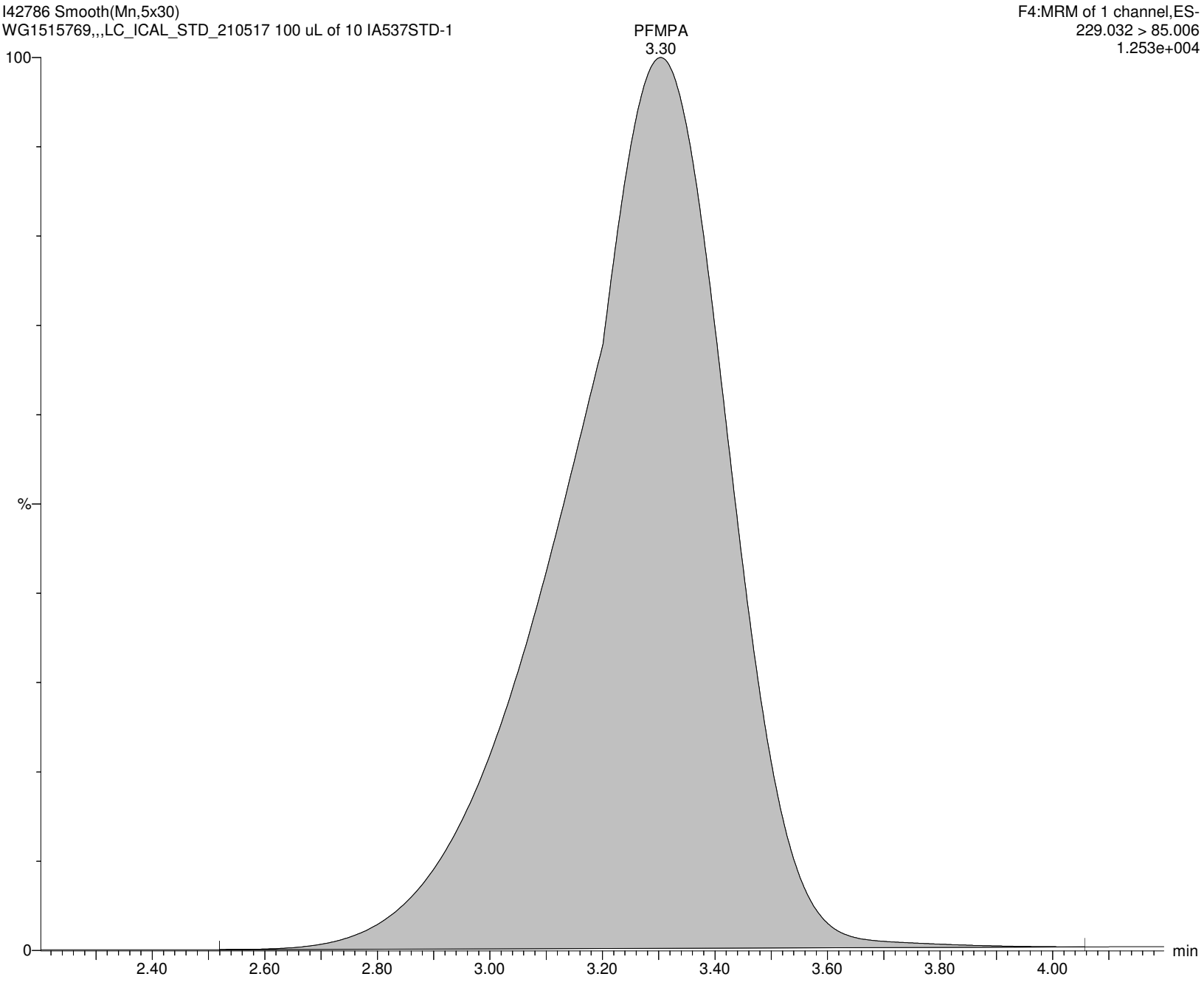


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFMPA

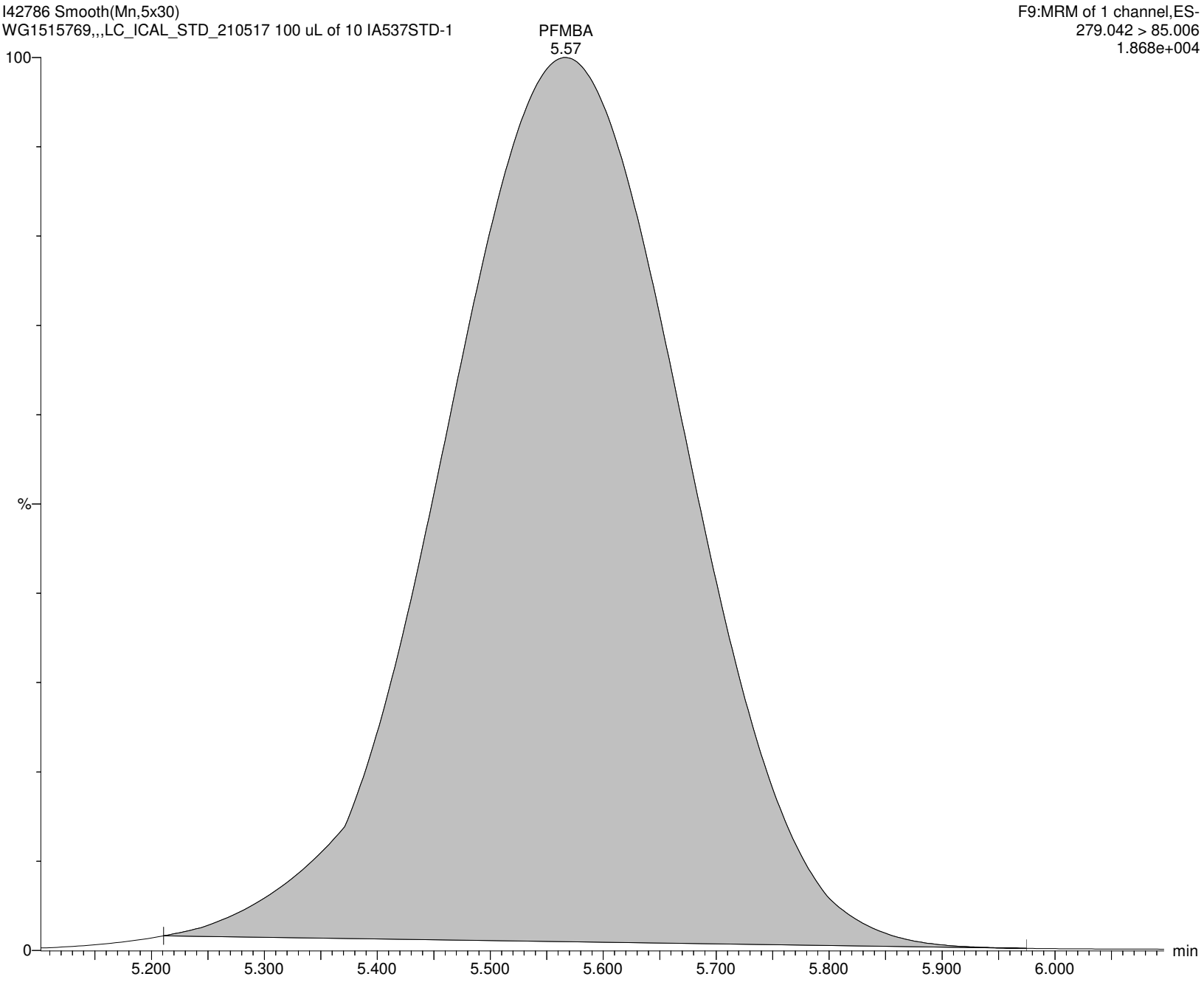


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFMBA

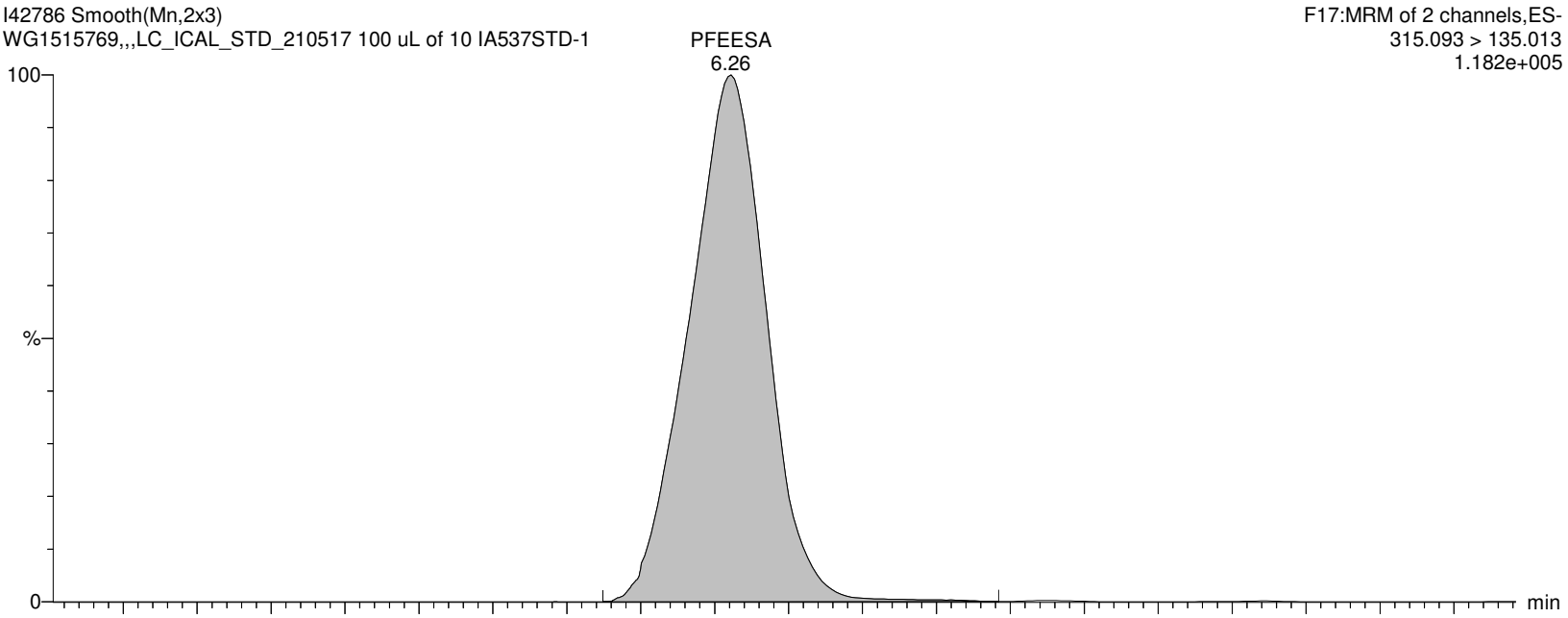


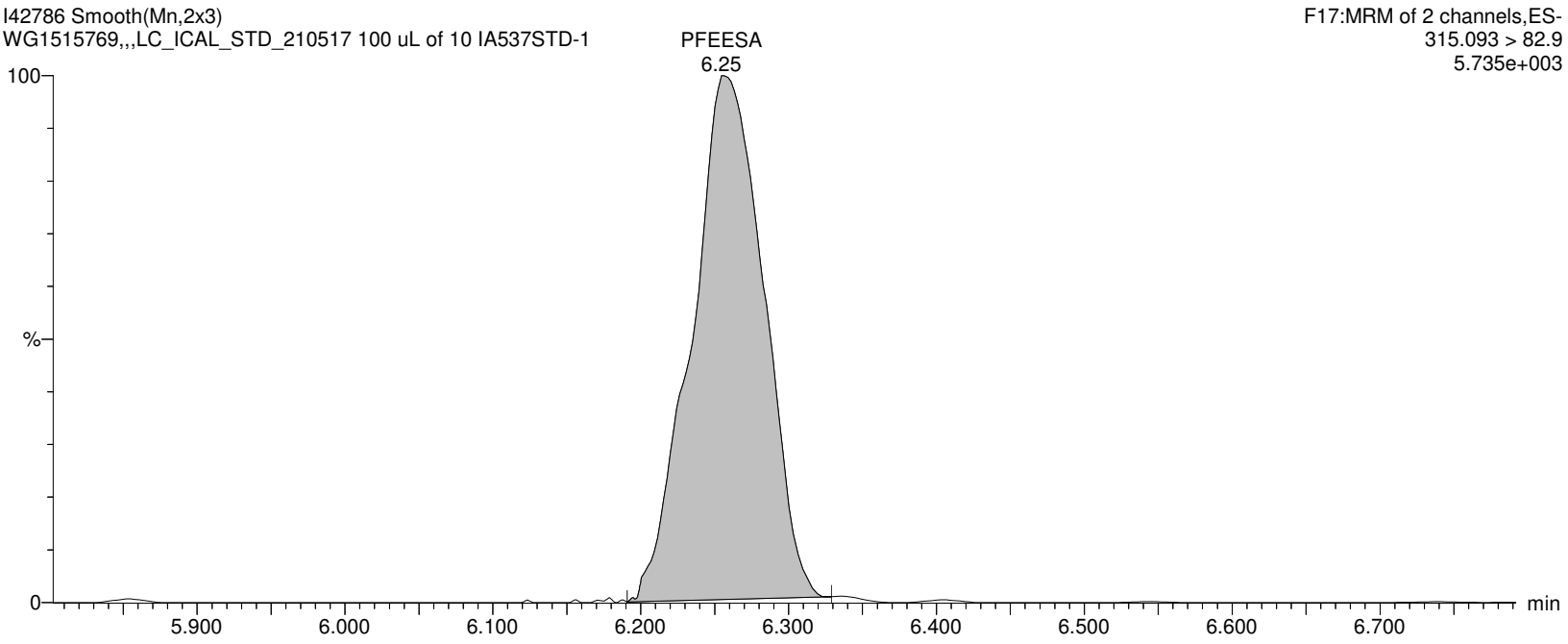
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFEESA



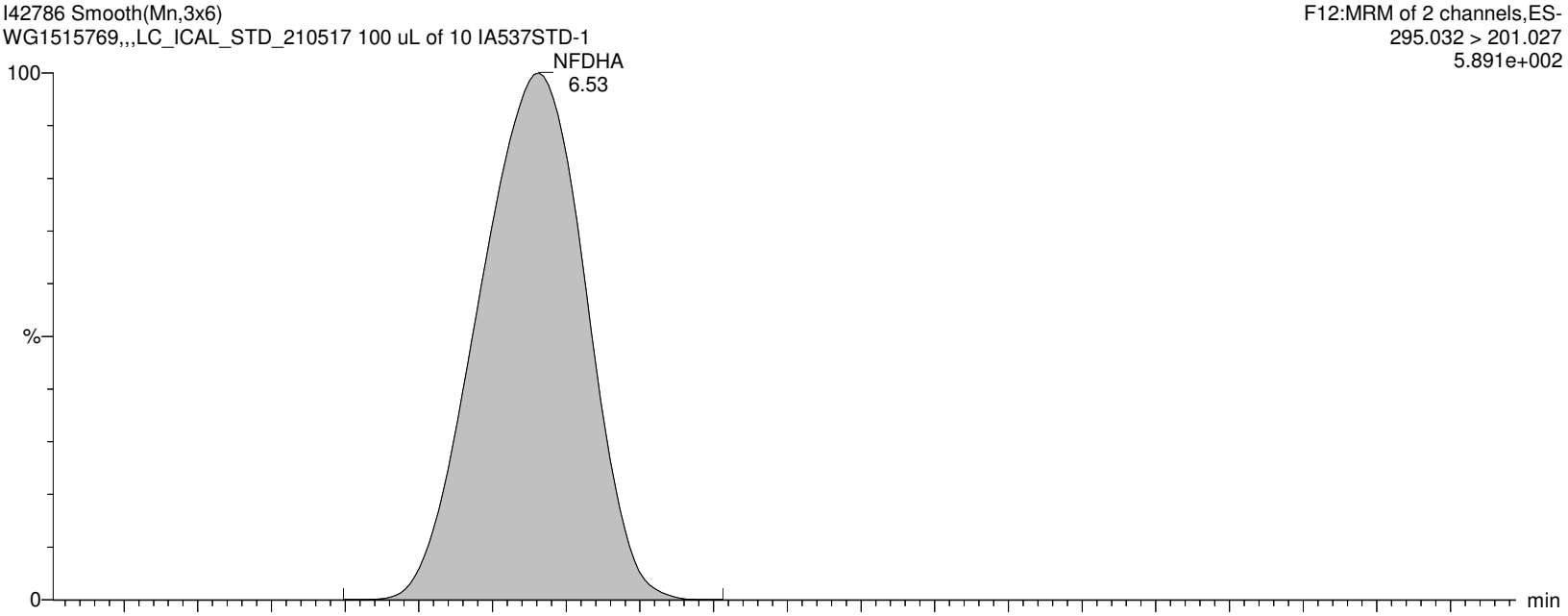


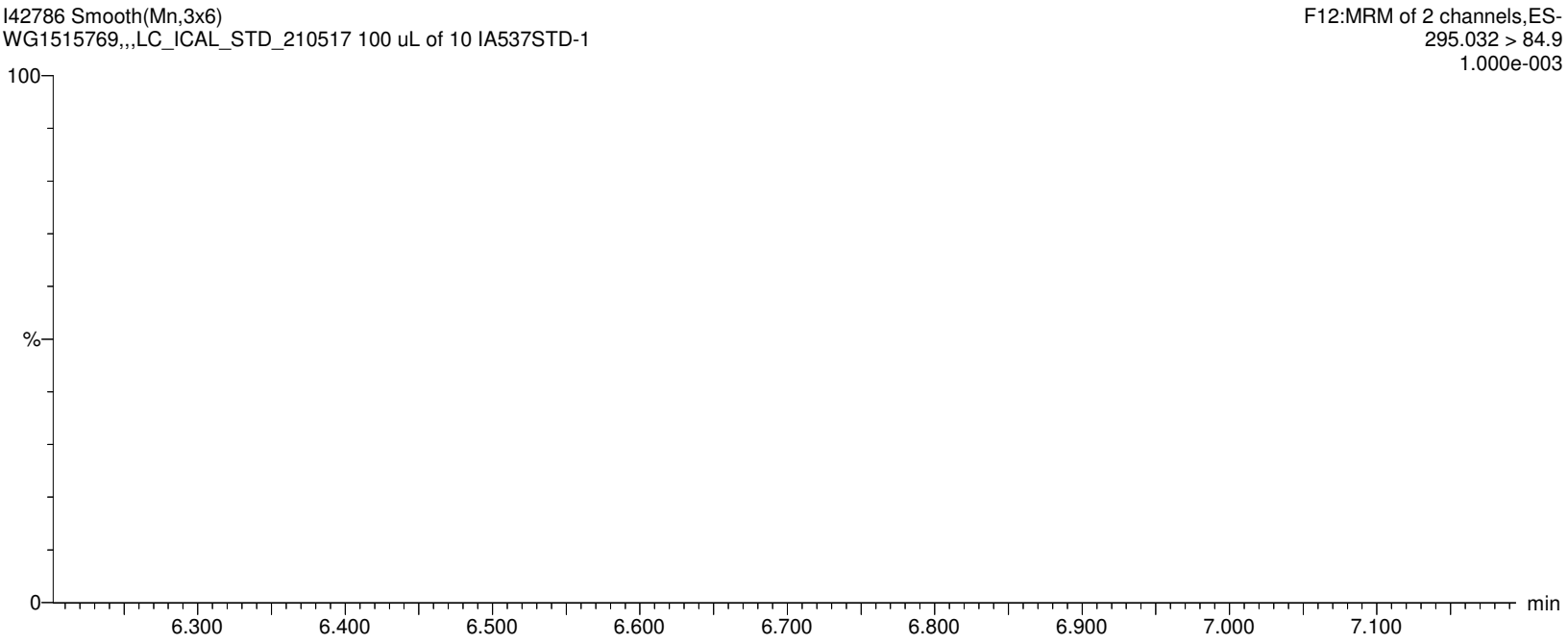
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:42 Eastern Daylight Time

Name: I42786
ID: IA537STD-1
Date: 25-Jun-2021
Time: 18:36:58
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL of 10
User: LCMS02:RS
Vial: 1:C,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NFDHA





all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\MethDB\537ISO_Q_210625_TOP_RT.mdb 22 Jun 2021 09:28:25
Calibration: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

ID: IA537STD-2
Name: I42787
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	1.97	213.032 > 169.022	10011		1.859		na	92.9
2	M3PFBA	INT STD	1.97	216.009 > 171.999	54195		10.323		na	103.2
3	MPFBA	INT STD	1.97	217.001 > 171.999	60513		10.384		na	103.8
4	PFPeA	2706-90-3	4.85	263.039 > 219.03	11881		1.871		na	93.6
5	M5PFPEA	INT STD	4.85	268.001 > 222.999	67488		10.554		na	105.5
6	PFBS	375-73-5	5.51	299.092 > 80.062	2418		1.631	1.80	NO	92.1
7	M3PFBS	INT STD	5.51	302.069 > 80.062	13650		10.332		na	103.3
8	4:2FTS	757124-72-4	6.67	327.146 > 307.139	899		1.858	2.69	NO	99.3
9	M2-4:2FTS	INT STD	6.67	329.13 > 309.124	4949		9.349		na	93.5
10	PFHxA	307-24-4	6.74	313.047 > 269.037	14613		1.936	14.86	NO	96.8
11	M5PFHxA	INT STD	6.74	318.009 > 273.007	71122		10.349		na	103.5
12	PFPeS	2706-91-4	7.07	349.1 > 80.062	2803		2.020	2.27	NO	107.4
13	PFHpA	375-85-9	8.02	363.055 > 319.045	20256		1.868	5.54	NO	93.4
14	M4PFHpA	INT STD	8.02	367.025 > 322.022	107150		10.458		na	104.6
15	br-PFHxS	355-46-4	7.96	399.107 > 80.062	461	M5,M7	0.348	2.65	NO	102.5
16	L-PFHxS	355-46-4	8.19	399.107 > 80.062	2428		1.404	1.72	NO	94.9
17	PFHxS	355-46-4		399.107 > 80.062	2890		1.752		na	
18	M3PFHxS	INT STD	8.19	402.084 > 80.062	15851		10.581		na	105.8
19	br-PFOA	335-67-1		413.063 > 369.053			ND		YES	
20	L-PFOA	335-67-1	8.97	413.063 > 369.053	22186		1.949	8.68	NO	97.4
21	PFOA	335-67-1		413.063 > 369.053	22186		1.949		na	
22	M8PFOA	INT STD	8.96	421.002 > 376.	118134		10.353		na	103.5
23	M2PFOA	INT STD	8.97	415.048 > 370.045	112390		10.612		na	106.1
24	6:2FTS	27619-97-2	8.93	427.161 > 407.155	906		1.752	3.80	NO	92.2
25	M2-6:2FTS	INT STD	8.93	429.146 > 409.14	5237		9.637		na	96.4
26	PFHpS	375-92-8	9.07	449.115 > 80.062	1797		1.794	1.01	NO	94.4
27	PFNA	375-95-1	9.72	463.071 > 419.061	16262		1.870	3.82	NO	93.5
28	M9PFNA	INT STD	9.72	472.002 > 427.	34813		10.622		na	106.2
29	br-PFOS	1763-23-1	9.59	499.123 > 80.062	623	M5,M7	0.410	4.15	NO	102.5
30	L-PFOS	1763-23-1	9.78	499.123 > 80.062	1883	M7	1.528	1.67	NO	104.6
31	PFOS	1763-23-1		499.123 > 80.062	2506		1.938		na	
32	M4PFOS	INT STD	9.78	503.093 > 80.062	11974		10.579		na	105.8
33	M8PFOS	INT STD	9.78	507.062 > 80.062	13980		10.419		na	104.2
34	PFDA	335-76-2	10.35	513.078 > 469.069	14172		1.776	5.42	NO	88.8
35	M2PFDA	INT STD	10.35	515.053 > 469.934	67588		11.080		na	110.8
36	M6PFDA	INT STD	10.35	519.033 > 474.03	80192		10.453		na	104.5
37	8:2FTS	39108-34-4	10.34	527.177 > 507.171	534		2.144	5.61	NO	111.7
38	M2-8:2FTS	INT STD	10.34	529.162 > 509.155	3836		9.600		na	96.0
39	PFNS	68259-12-1	10.38	549.131 > 80.062	2045		1.894	1.42	NO	98.6

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

ID: IA537STD-2
Name: I42787
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.76	573.22 > 419.061	6724		9.300		na	93.0
41	br-NMeFOSAA		10.61	570.202 > 419.061	83	M5,M7	0.320	1.00	NO	66.6
42	L-NMeFOSAA		10.77	570.202 > 419.061	1084		1.480	2.52	NO	97.4
43	NMeFOSAA	2355-31-9		570.202 > 419.061	1168		1.800		na	
44	PFUnA	2058-94-8	10.88	563.086 > 519.076	14313		1.769	9.35	NO	88.4
45	M7-PFUDA	INT STD	10.88	570.033 > 525.031	80222		11.213		na	112.1
46	PFDS	335-77-3	10.90	599.139 > 80.062	2274		1.959	1.66	NO	101.5
47	FOSA	754-91-6	10.95	498.146 > 78.07	6796	M7	1.909	352.06	YES	95.5
48	M8FOSA	INT STD	10.95	506.077 > 78.07	41572		10.009		na	100.1
49	br-NEtFOSAA		10.92	584.229 > 419.061	72	M5,M7	0.384	0.54	NO	85.2
50	L-NEtFOSAA		11.07	584.229 > 419.061	810		1.463	1.19	NO	94.4
51	NEtFOSAA	2991-50-6		584.229 > 419.061	882		1.847		na	
52	d5-NEtFOSAA	INT STD	11.06	589.259 > 419.061	5611		9.391		na	93.9
53	PFDoA	307-55-1	11.35	613.094 > 569.084	14043		1.869	19.18	NO	93.4
54	MPFDOA	INT STD	11.35	615.079 > 570.077	71551		10.366		na	103.7
55	PFTrDA	72629-94-8	11.76	663.102 > 619.092	12725		2.381	12.81	NO	119.0
56	PFTA	376-06-7	12.11	713.11 > 669.1	7788		1.880	8.99	NO	94.0
57	M2PFTEDA	INT STD	12.11	715.094 > 670.092	21281		9.830		na	98.3
58	M3HFPO-DA	INT STD	7.17	287.02 > 169.022	8083		254.180		na	127.1
59	HFPO-DA	13252-13-6	7.16	285.035 > 169.022	681		17.356	4.69	NO	86.8
60	ADONA	958445-44-8	8.20	377.06 > 251.028	18223		1.943	43.73	NO	102.6
61	PFHxDA		12.63	813.122 > 769.116	4329		2.121	22.15	NO	106.0
62	PFODA		12.86	913.411 > 869.131	477	M4	1.910	23.12	NO	95.5
63	M2PFHxDA		12.63	815.102 > 770.108	30879		9.737		na	97.4
64	PFDoS		11.75	699.154 > 80.062	1449		1.911	2.36	NO	95.6
65	M2D4-10:2FTS		11.36	633.201 > 612.189	4470	M4	21.131		na	106.9
66	10:2FTS		11.36	627.192 > 607.186	467	M2,M7	1.779	2.08	NO	92.3
67	9CL-PF3ONS		10.13	530.862 > 350.843	9277		1.649	2.63	NO	88.4
68	11CL-PFOUdS		11.16	630.862 > 450.854	8783		1.686	3.06	NO	89.5
69	NMeFOSA		11.57	512.163 > 169.022	6809		9.526	1.62	NO	95.3
70	d3-NMeFOSA		11.56	515.183 > 169.022	88272		103.734		na	103.7
71	NEtFOSA		11.88	526.192 > 169.022	7591		10.034	4.79	NO	100.3
72	d5-NEtFOSA		11.86	531.222 > 169.022	95392		100.981		na	101.0
73	NMeFOSE		11.57	615.8 > 59.045	8401		5.438		na	108.8
74	d7-NMeFOSE		11.56	622.84 > 59.045	71432		102.363		na	102.4
75	NEtFOSE		11.86	629.862 > 59.045	9777		5.340		na	106.8
76	d9-NEtFOSE		11.84	638.734 > 59.045	69283		98.320		na	98.3
77	M3PFPeA		4.85	266.017 > 222.007	73386		10.827		na	108.3
78	M2PFHxA		6.74	315.032 > 270.03	75606		10.956		na	109.6
79	M4PFOA		8.97	417.032 > 372.03	117142		11.016		na	110.2
80	PFPrS	423-41-6	3.32	249.084 > 80.062	2526		1.895	3.12	NO	103.4
81	PFMPA		3.30	229.032 > 85.006	7947		2.038		na	101.9
82	PFMBA		5.56	279.042 > 85.006	8806		2.018		na	100.9

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

ID: IA537STD-2
Name: I42787
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
83	PFEESA		6.25	315.093 > 135.013	13142		1.872	19.90	NO	105.2
84	NFDHA		6.52	295.032 > 201.027	95		1.961	43.49	NO	98.1

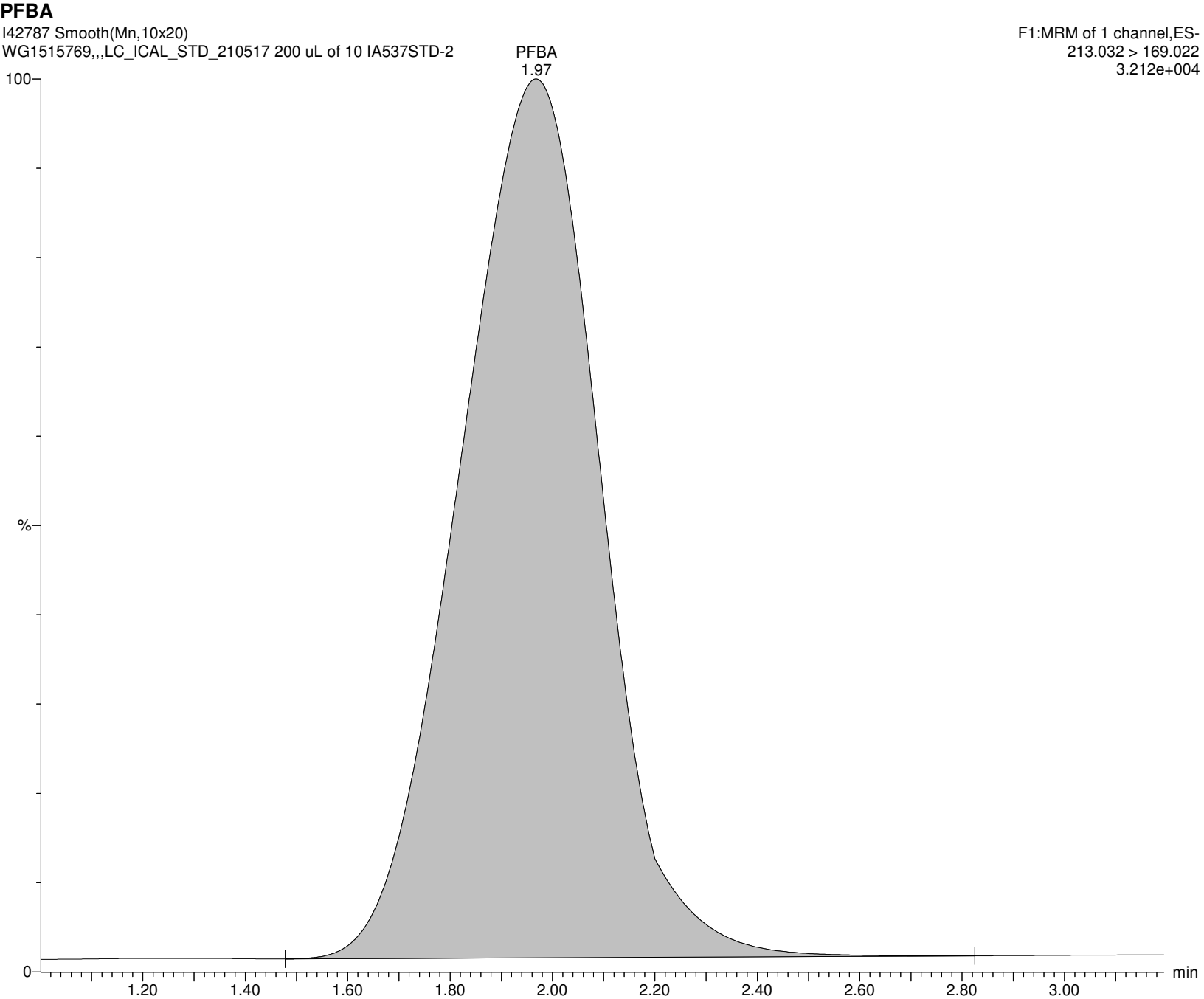
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\MethDB\537ISO_Q_210625_TOP_RT.mdb 22 Jun 2021 09:28:25
Calibration: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBA

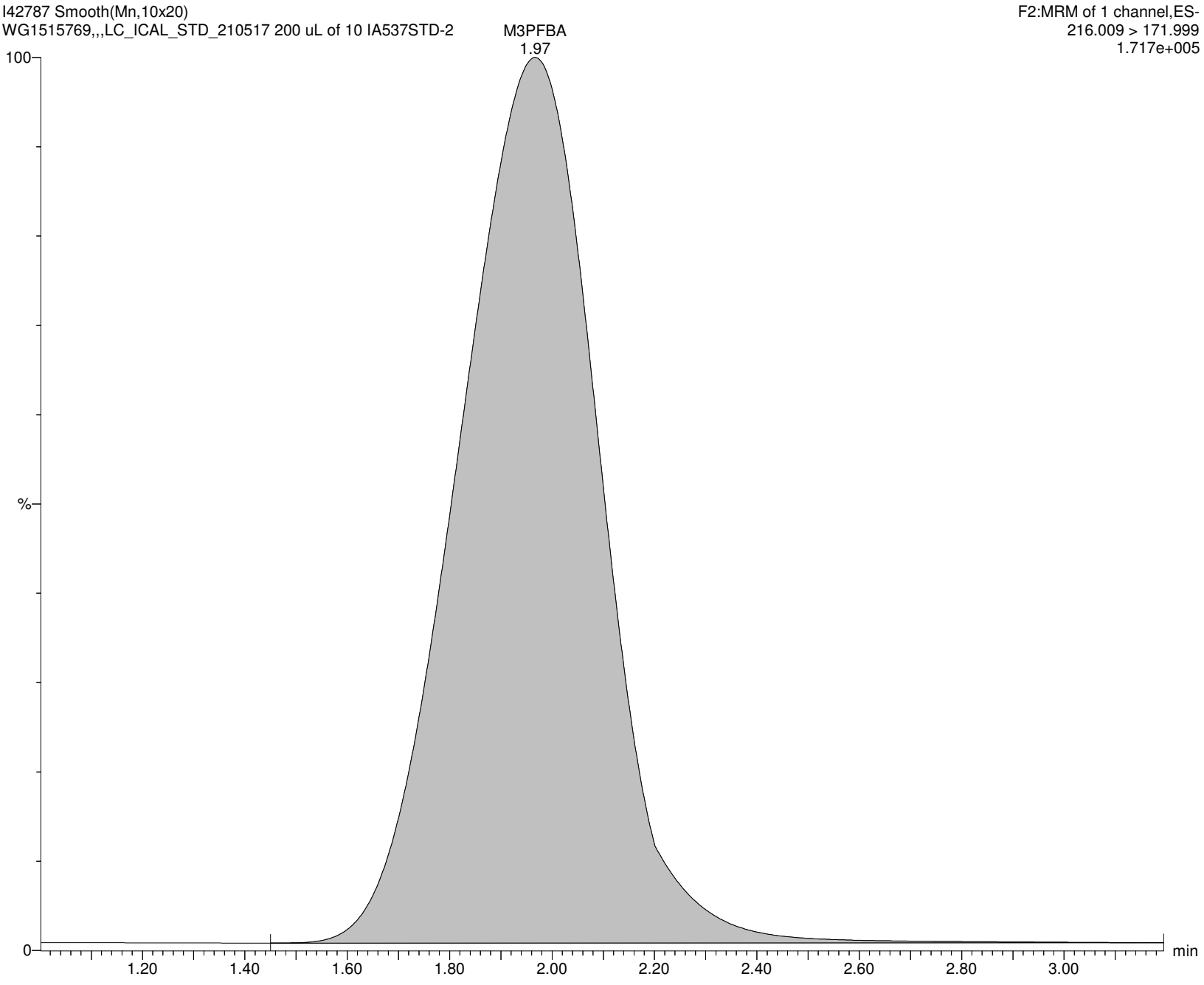


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBA

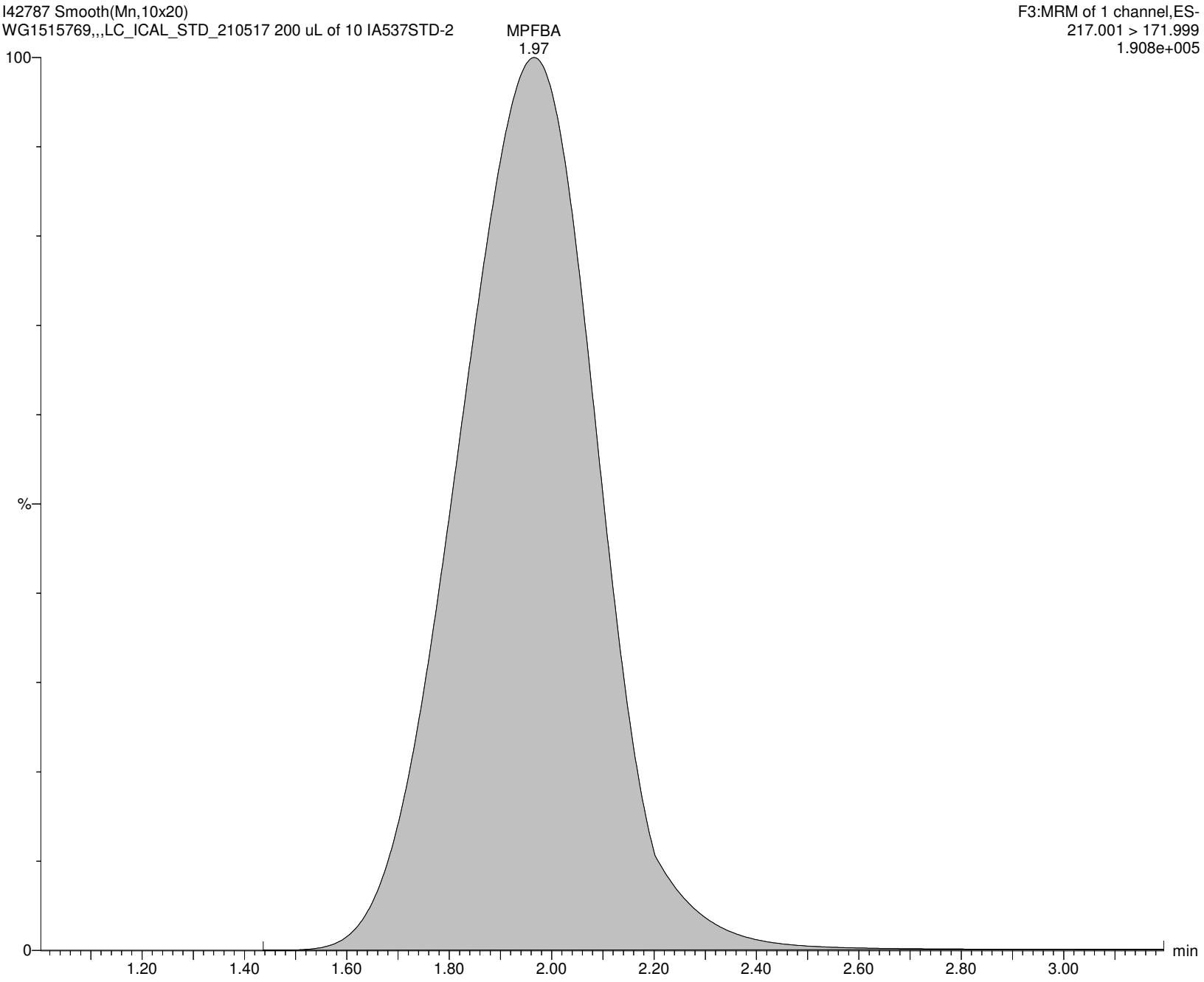


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFBA

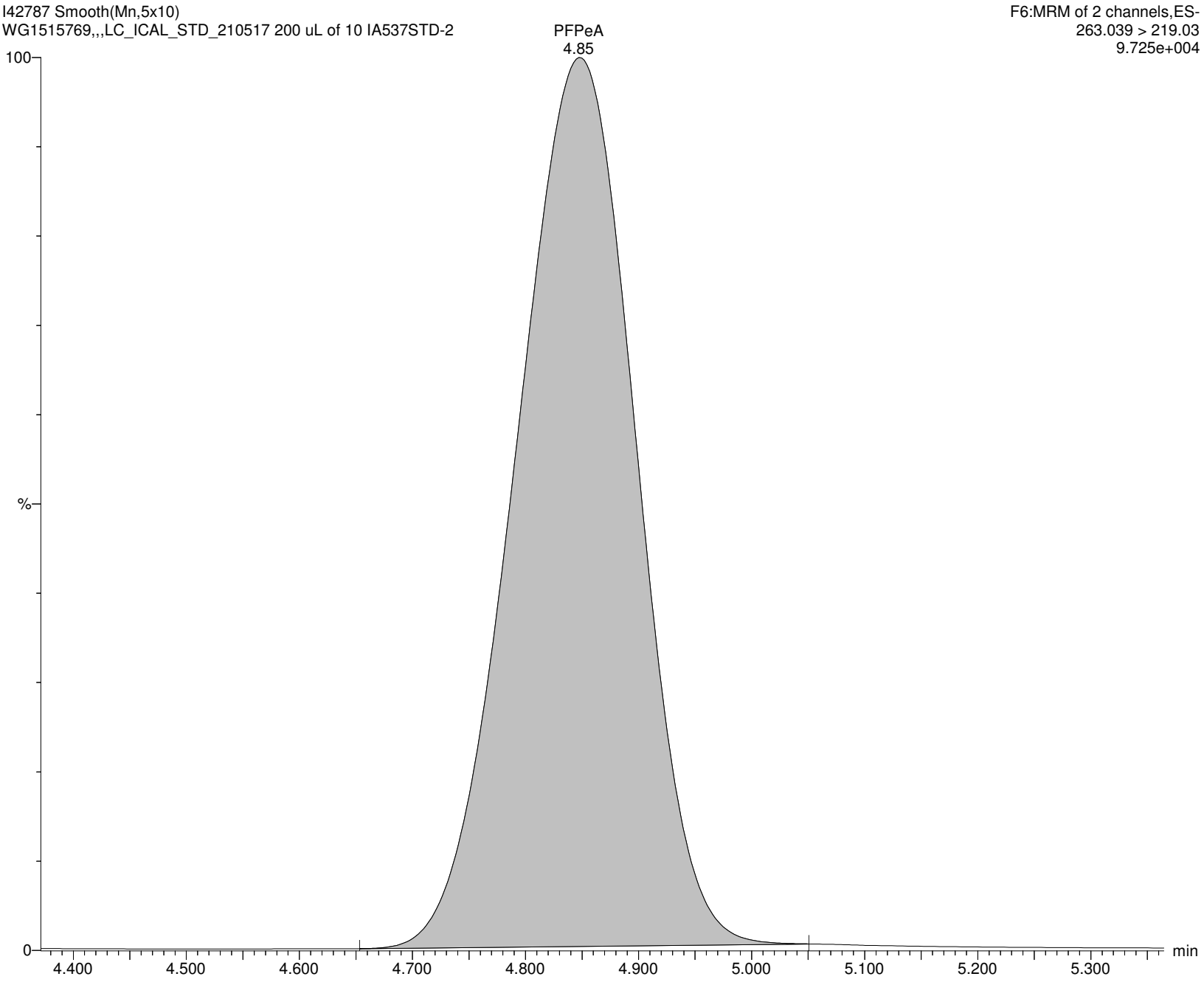


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeA

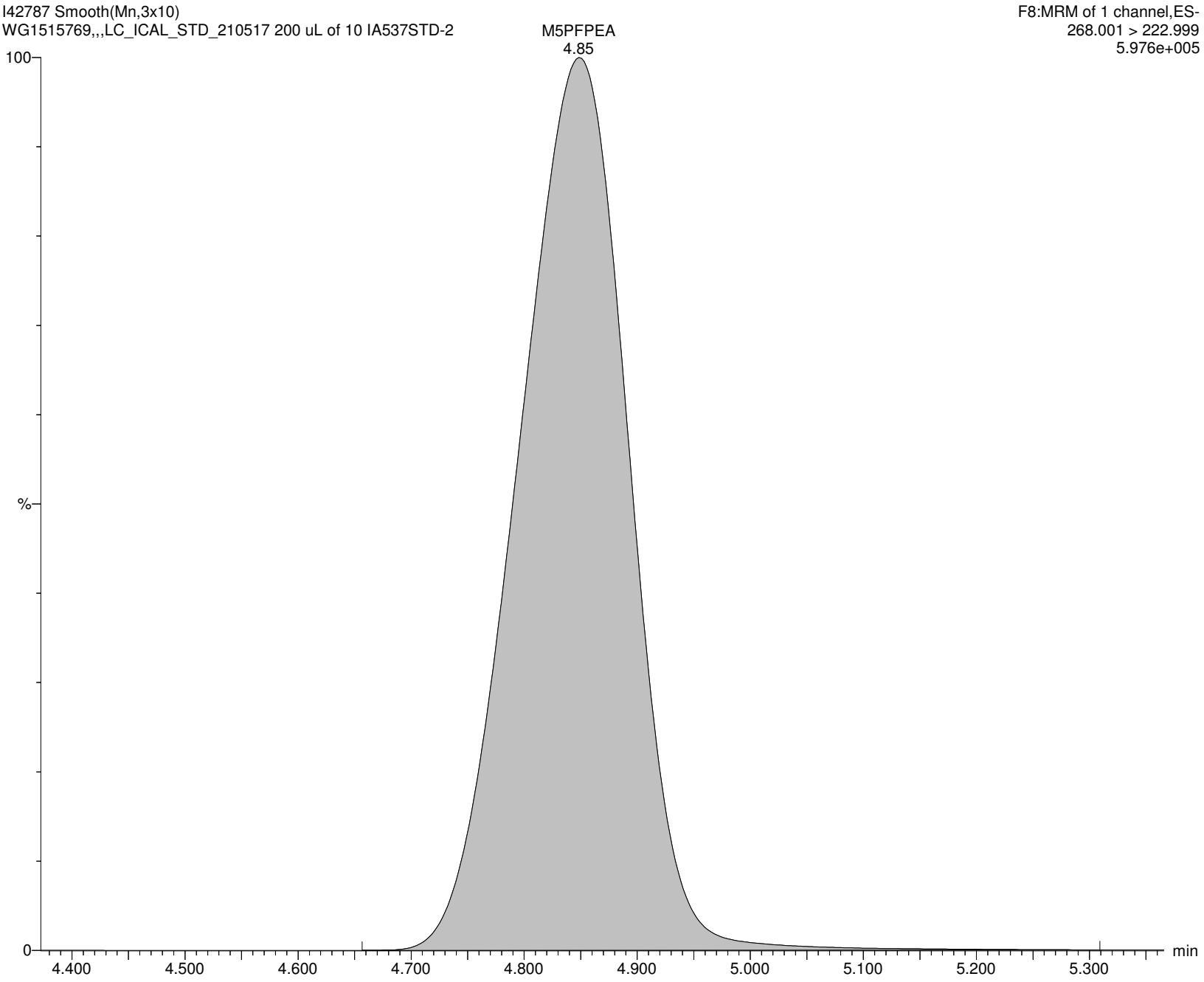


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFPEA

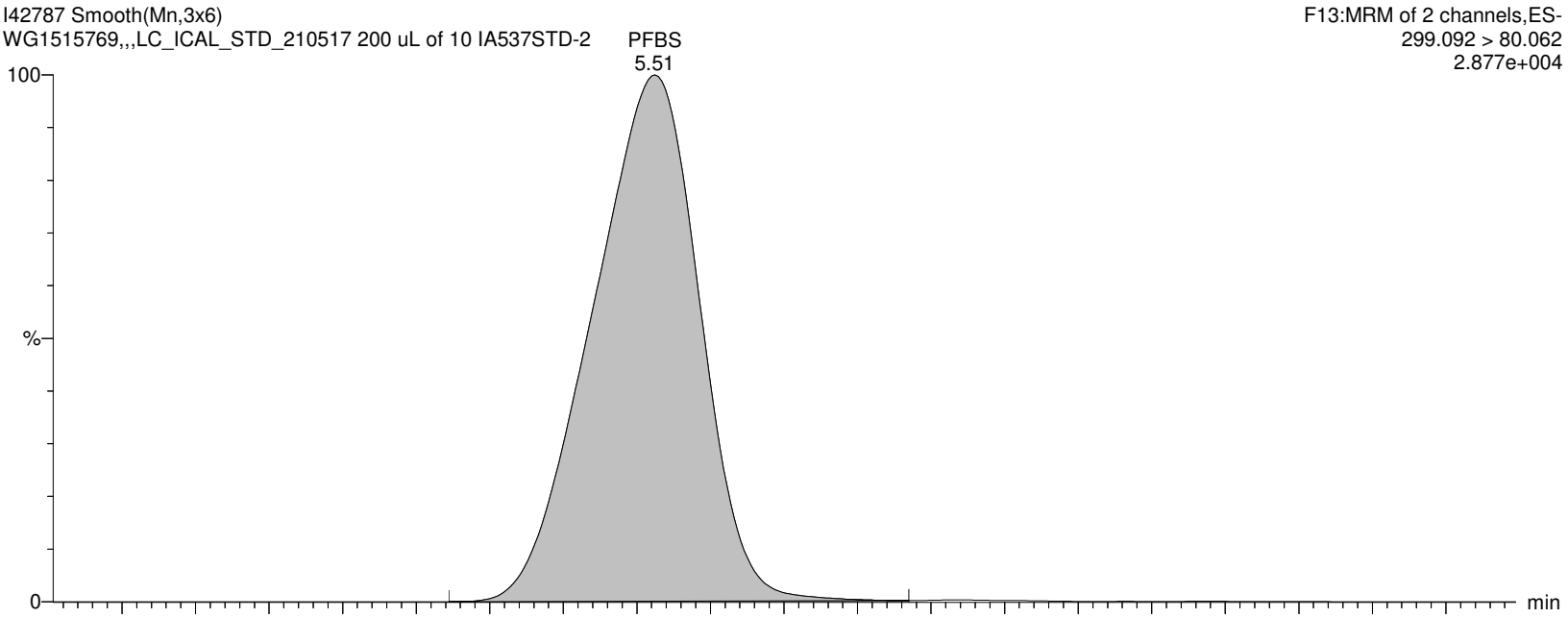


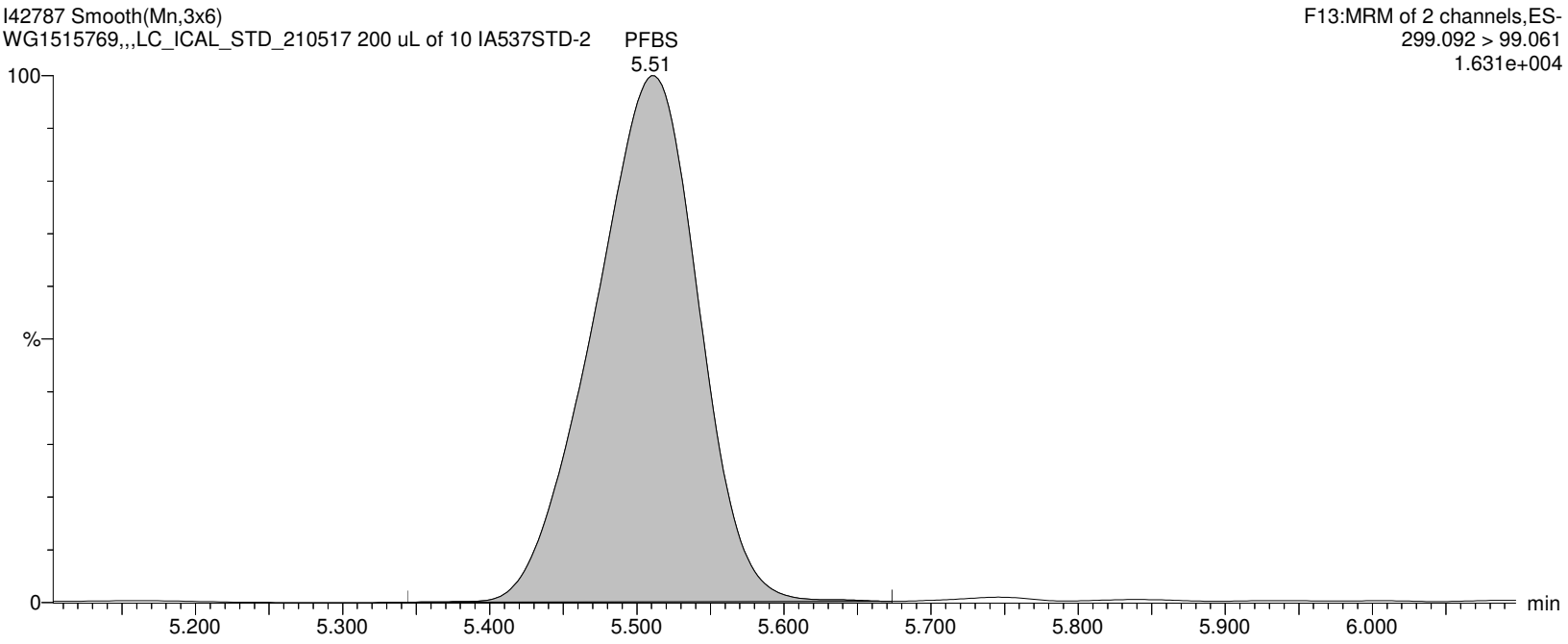
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBS



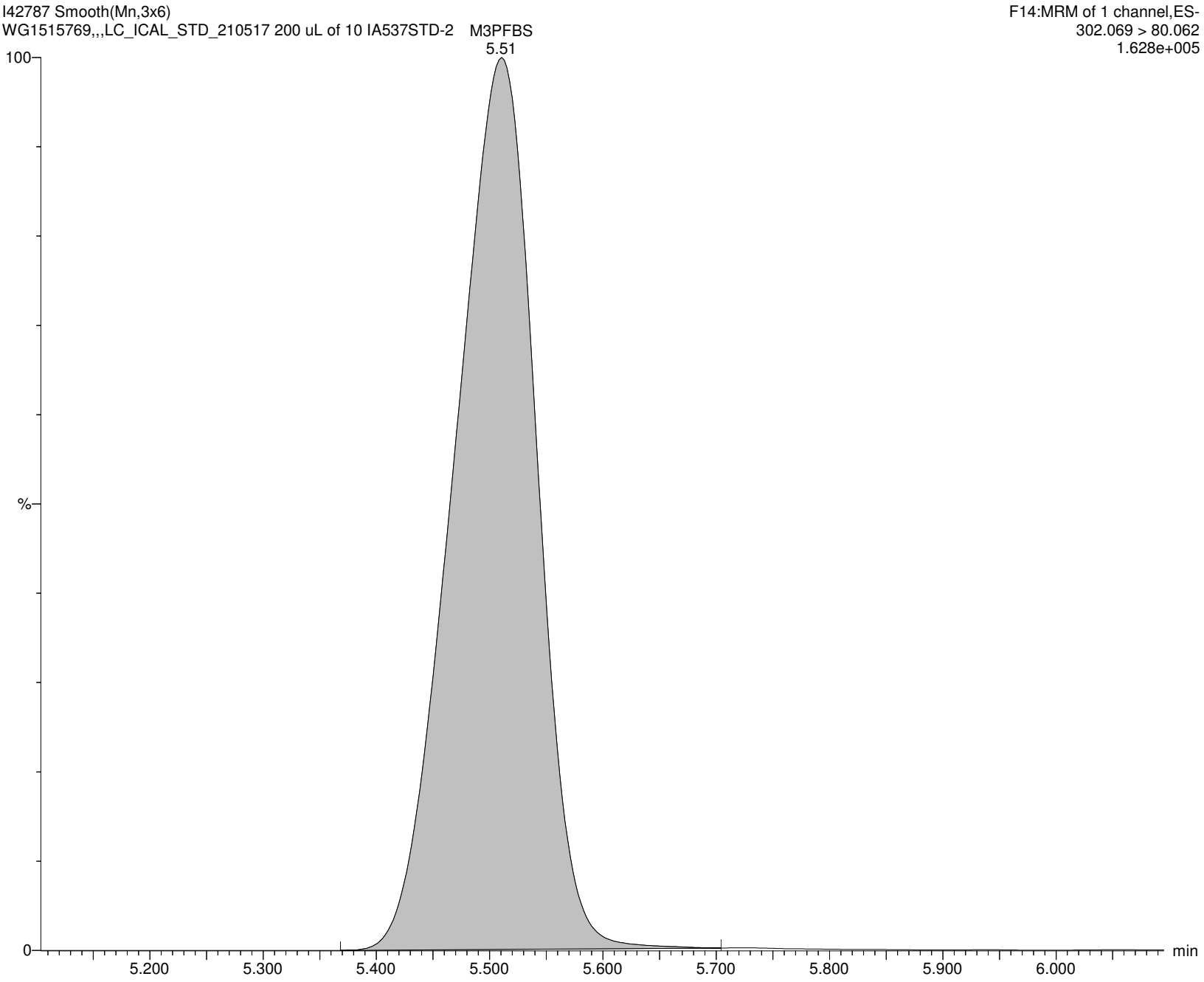


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBS

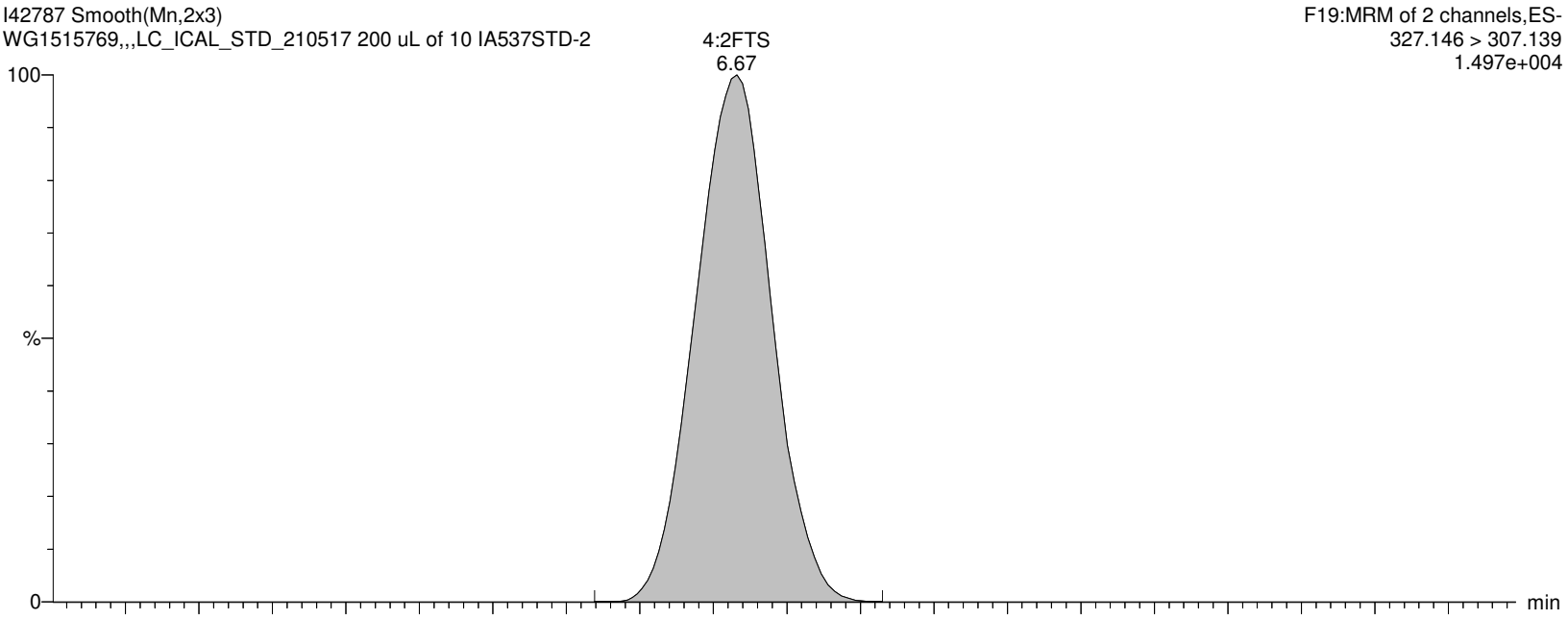


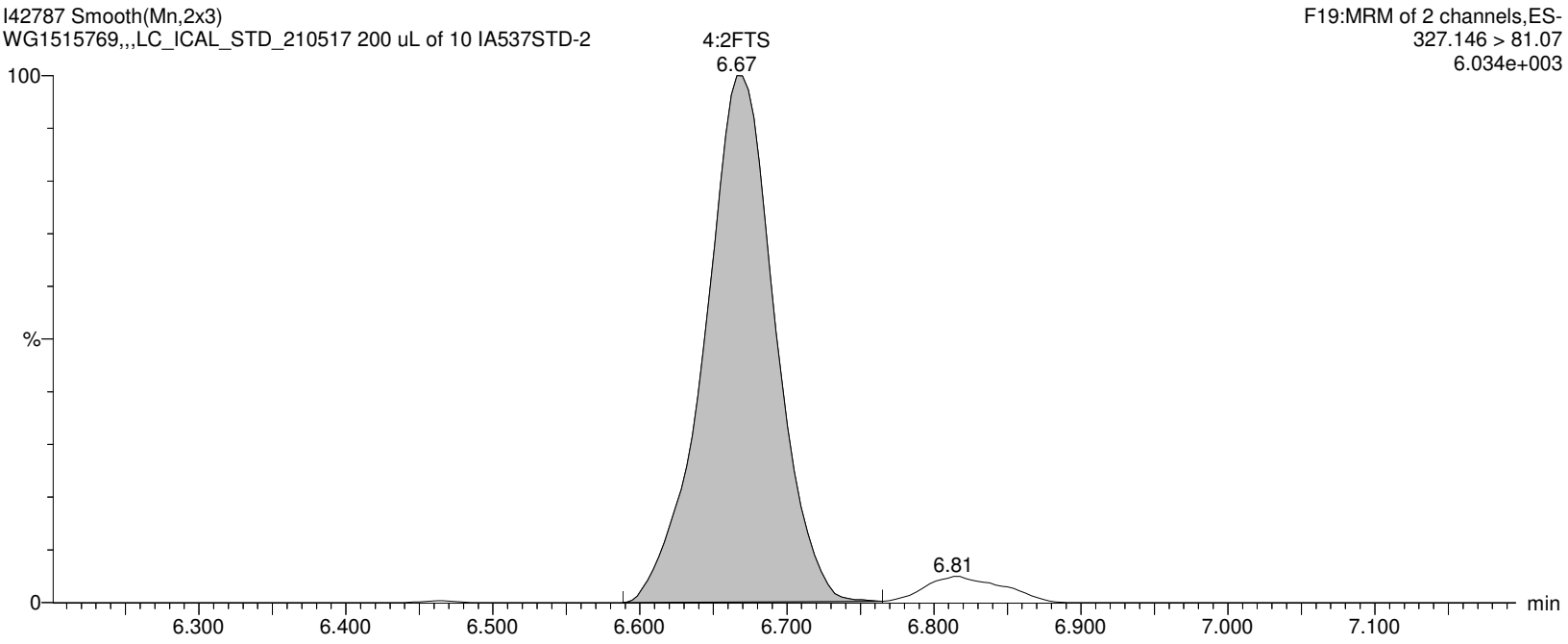
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

4:2FTS



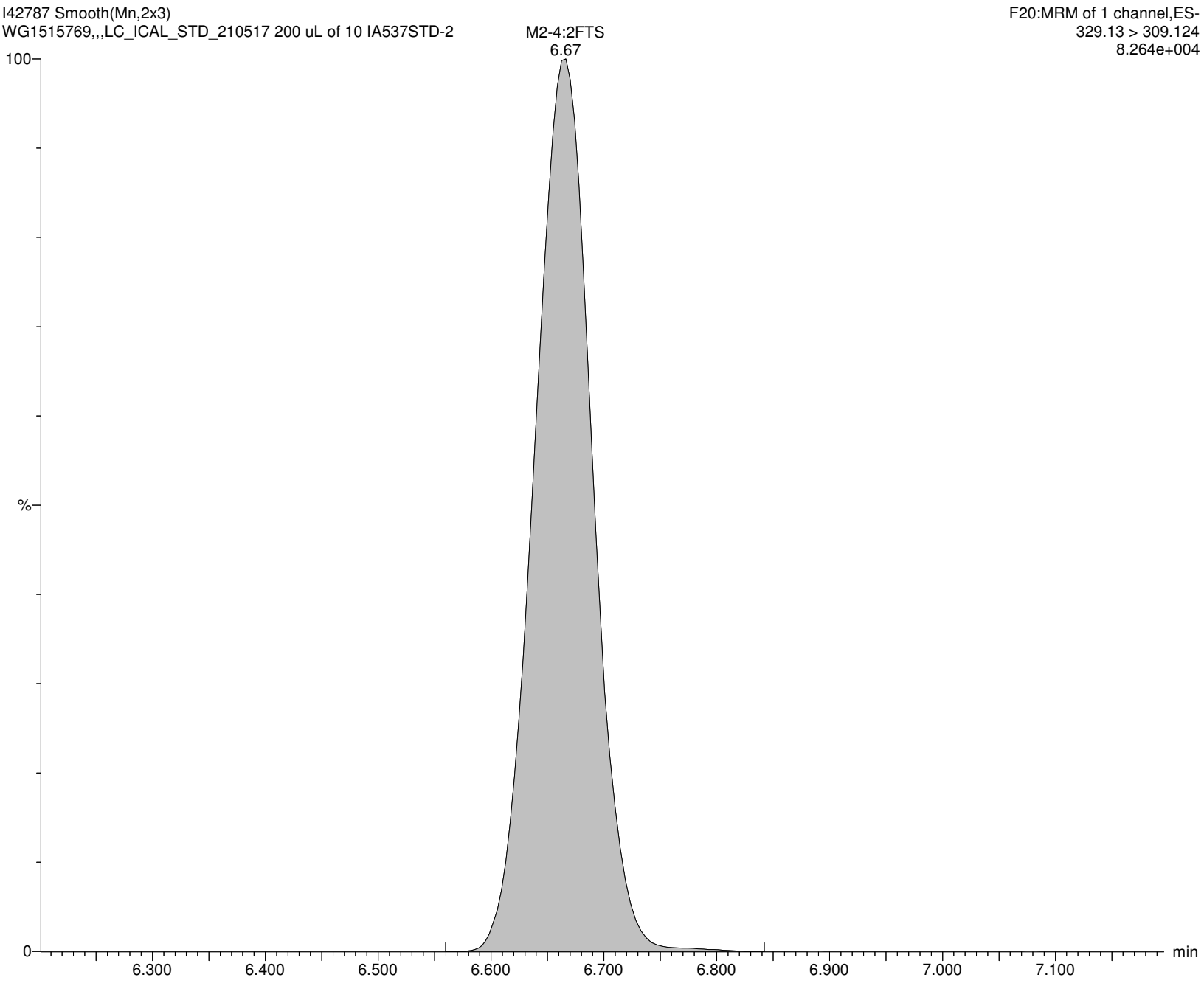


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-4:2FTS

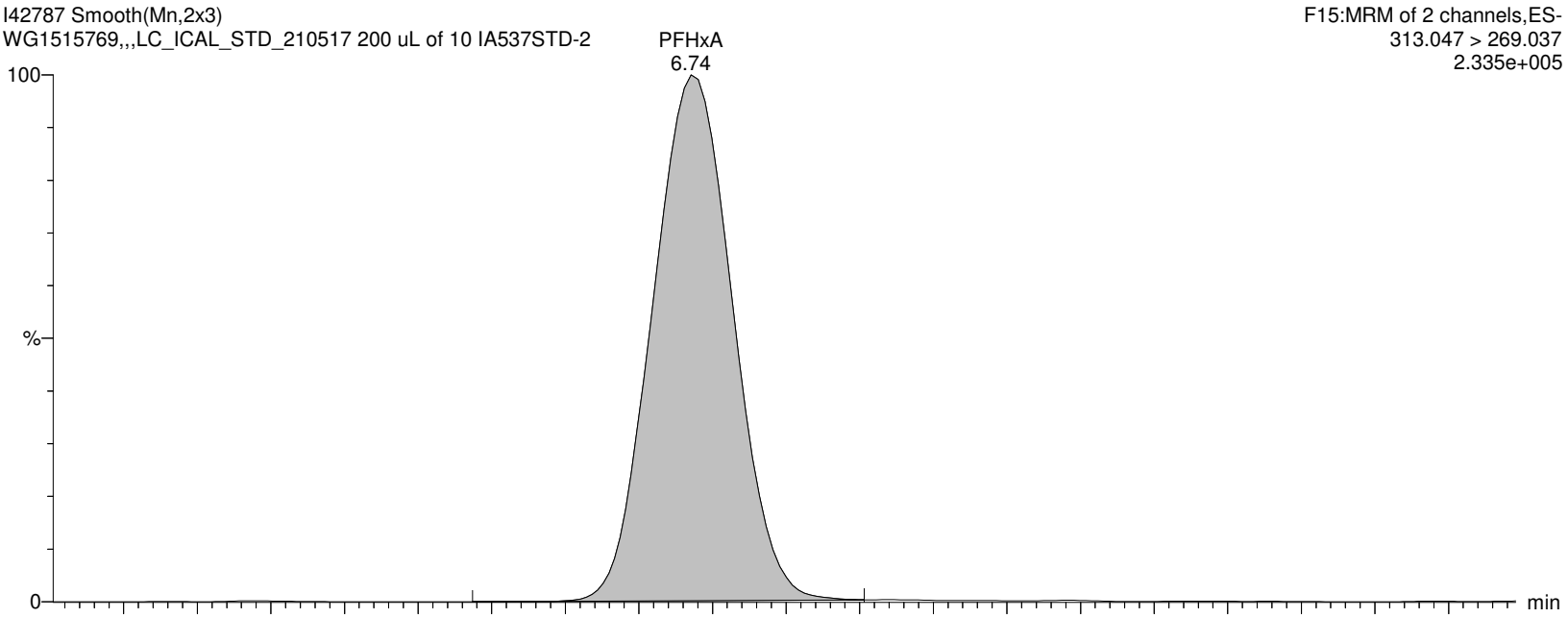


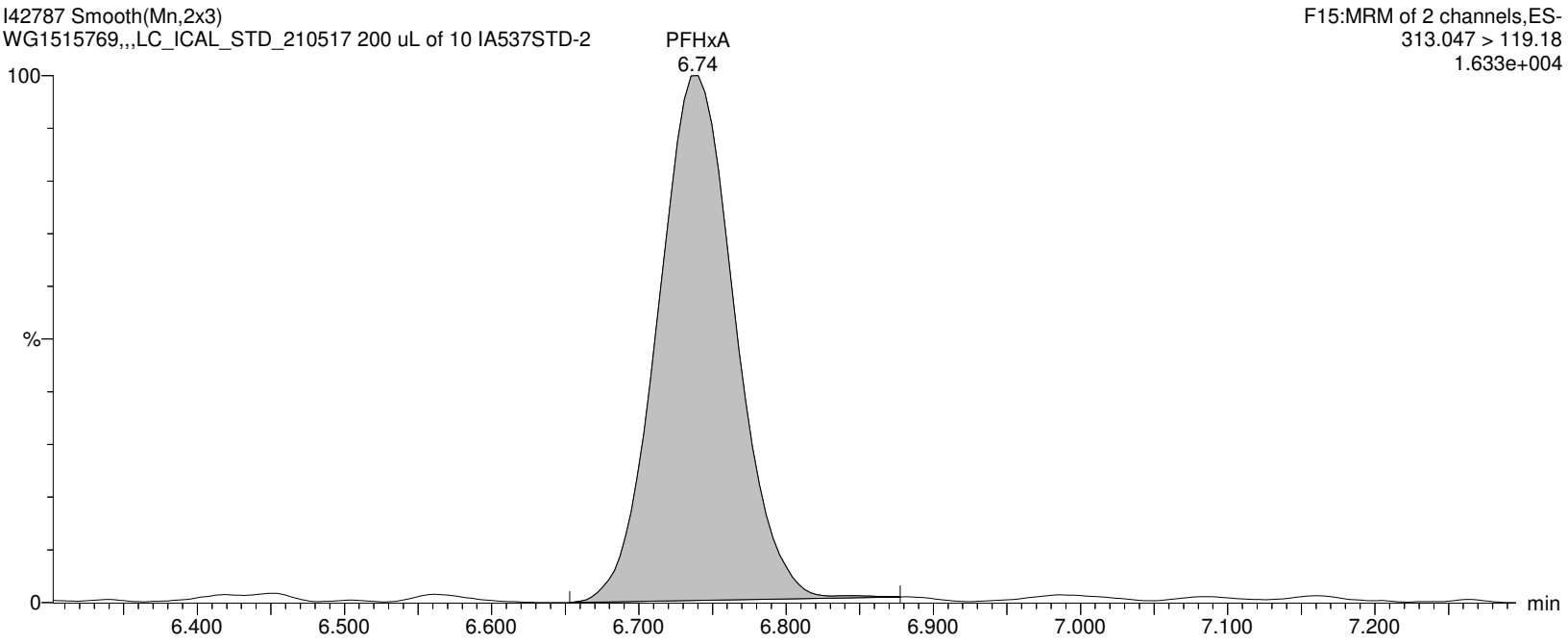
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxA



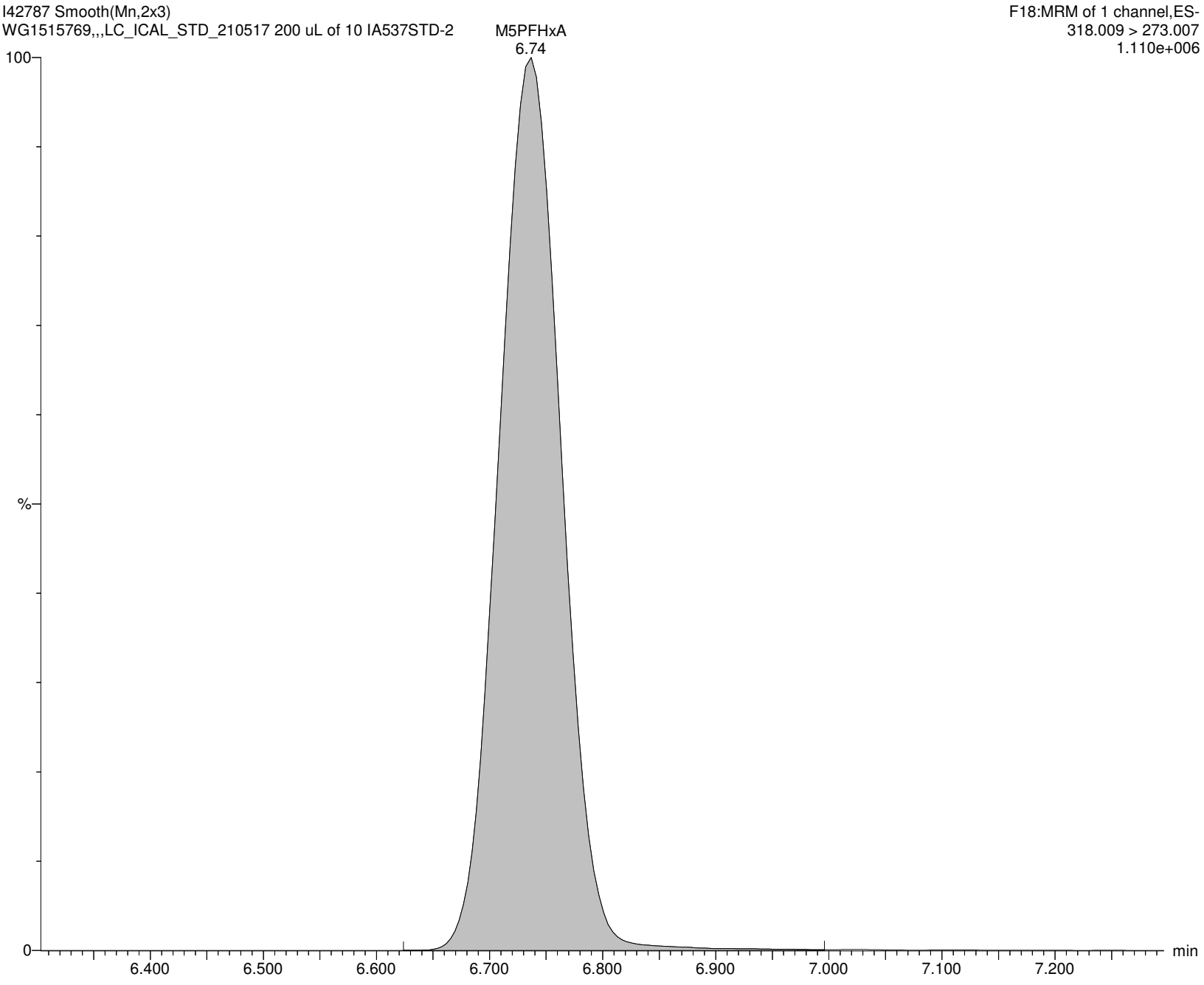


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFHxA

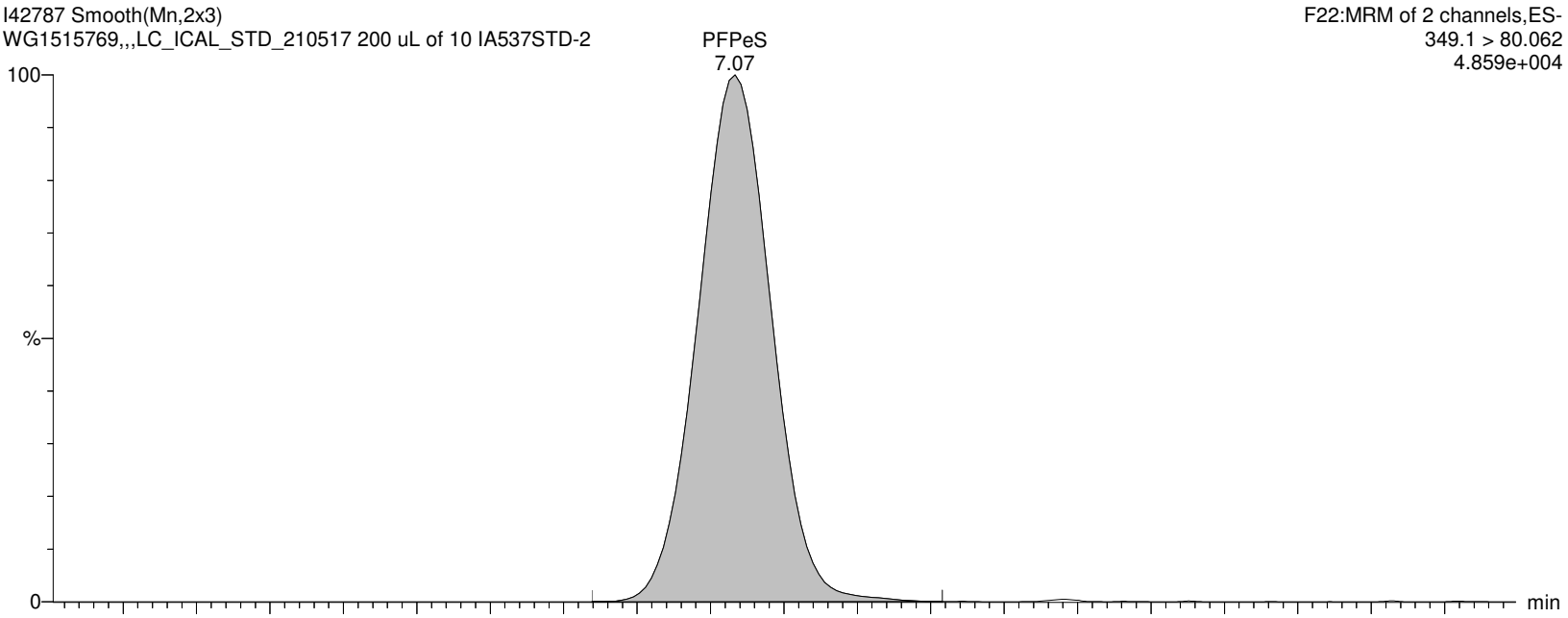


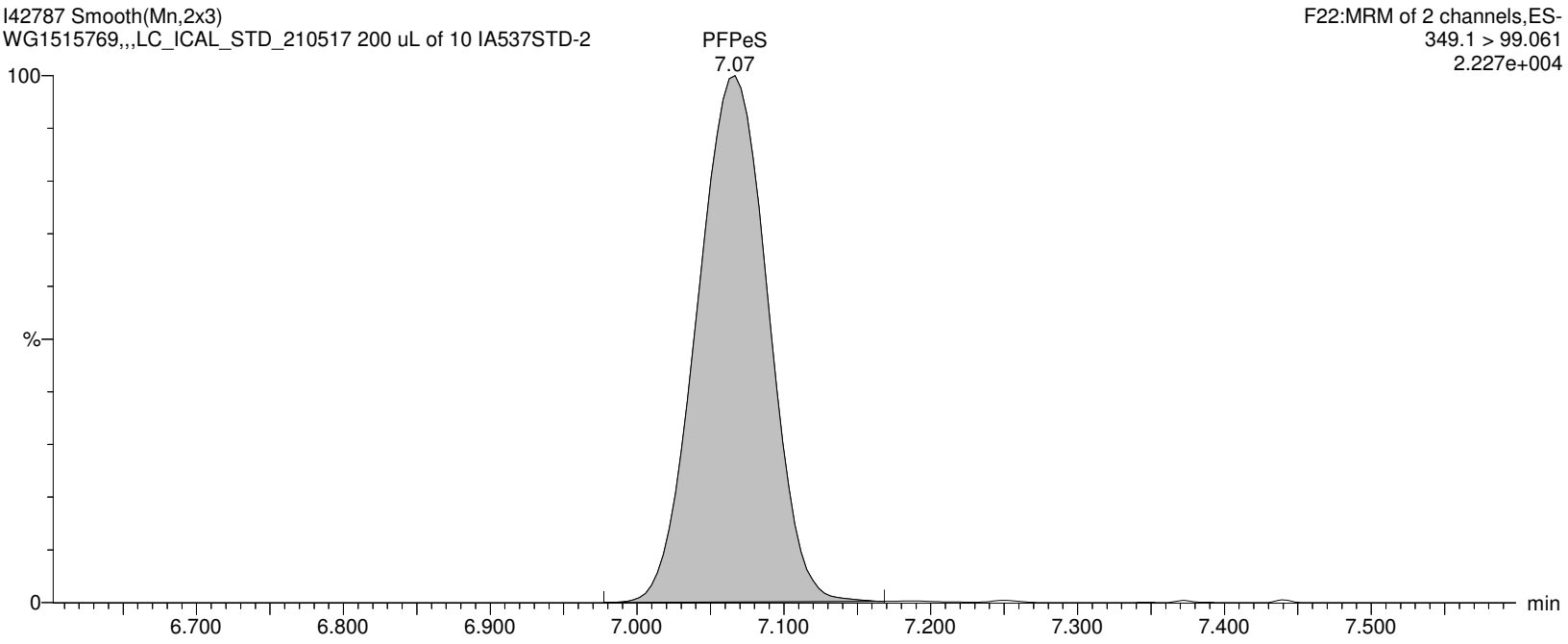
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeS



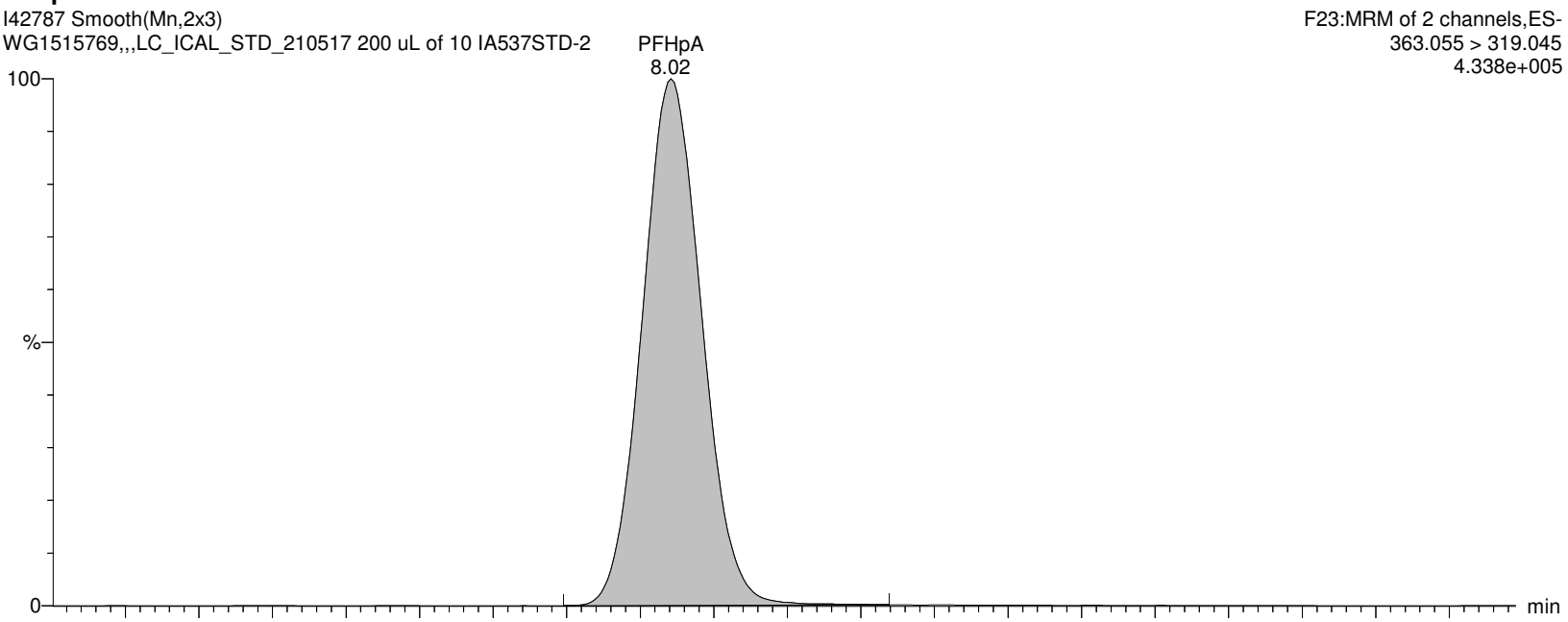


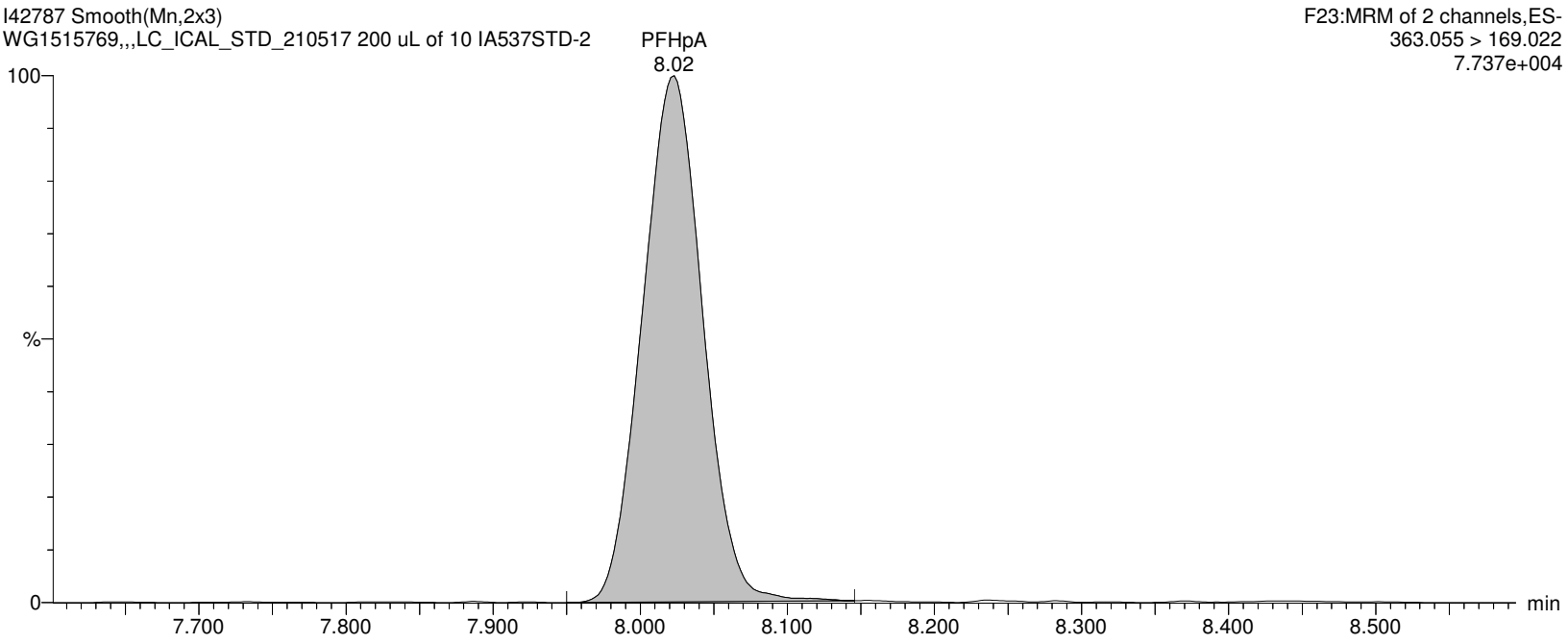
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpA



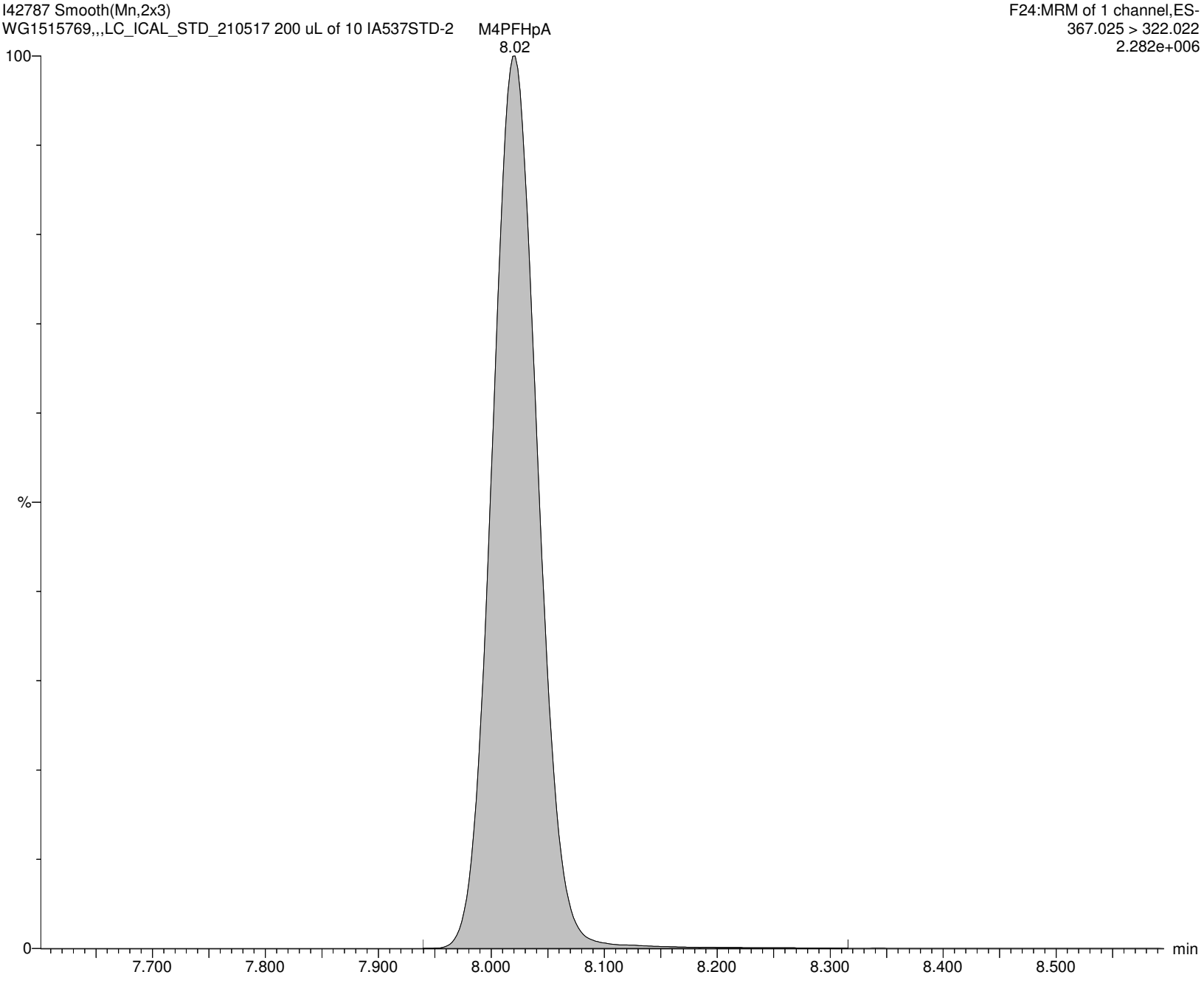


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFHpA

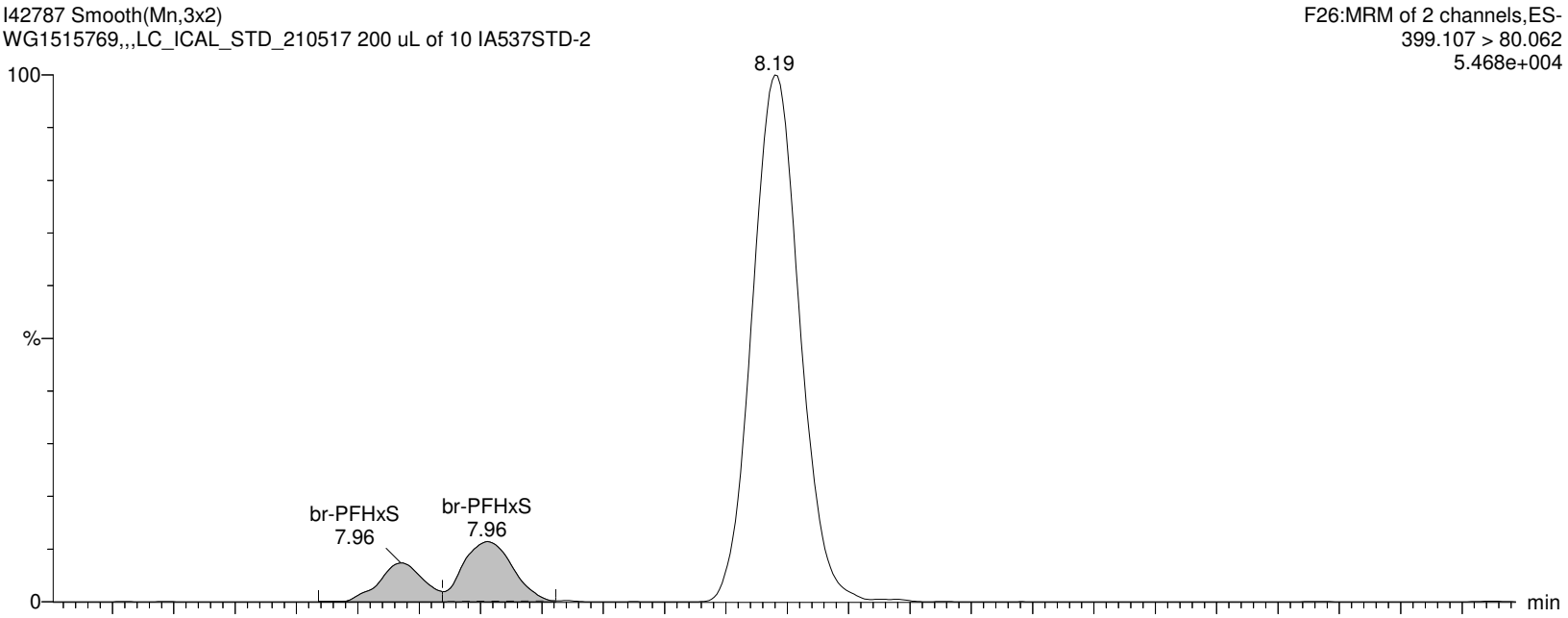


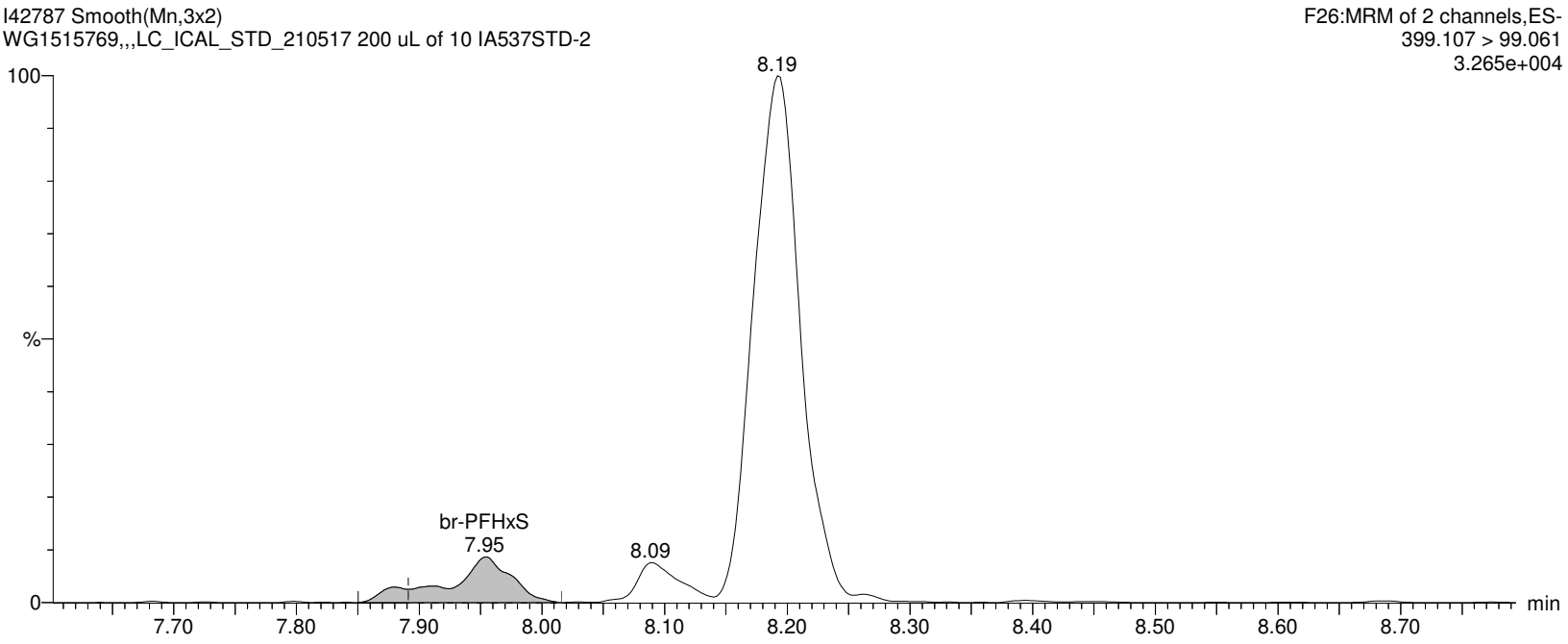
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFHxS



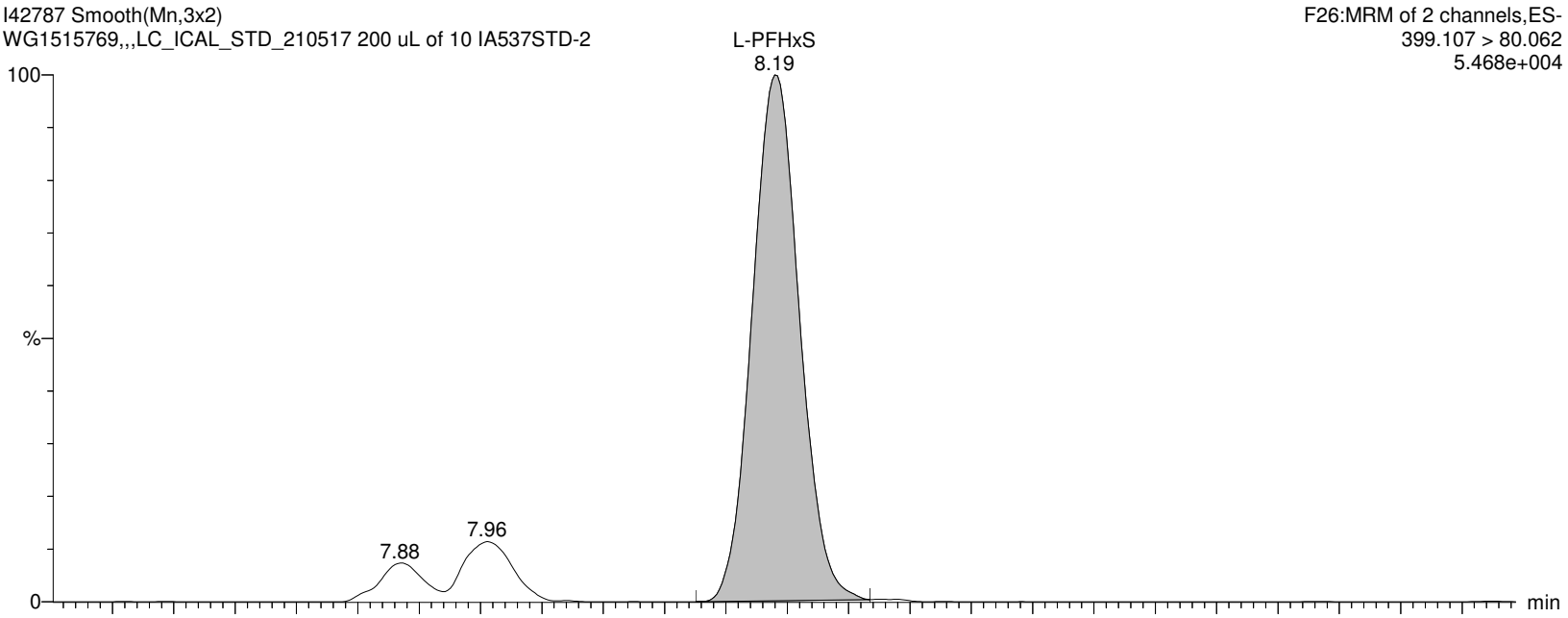


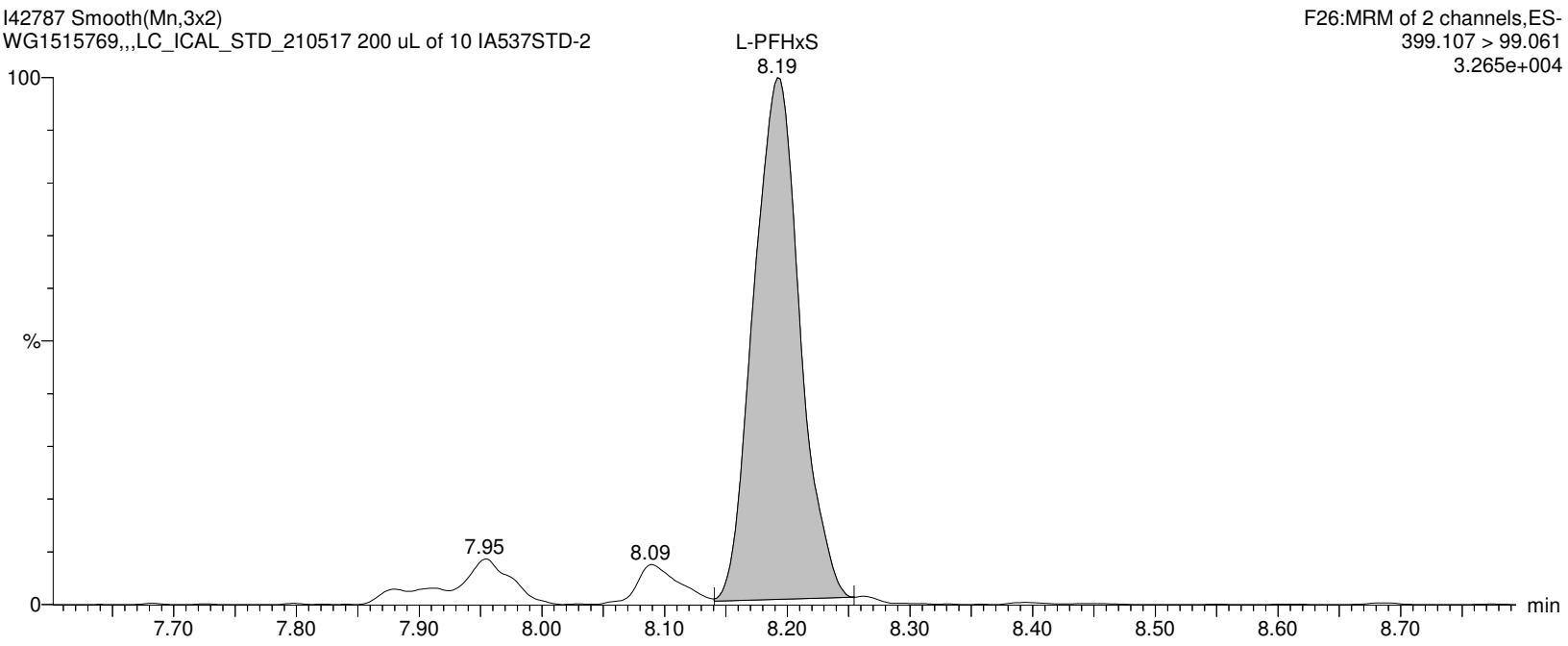
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFHxS



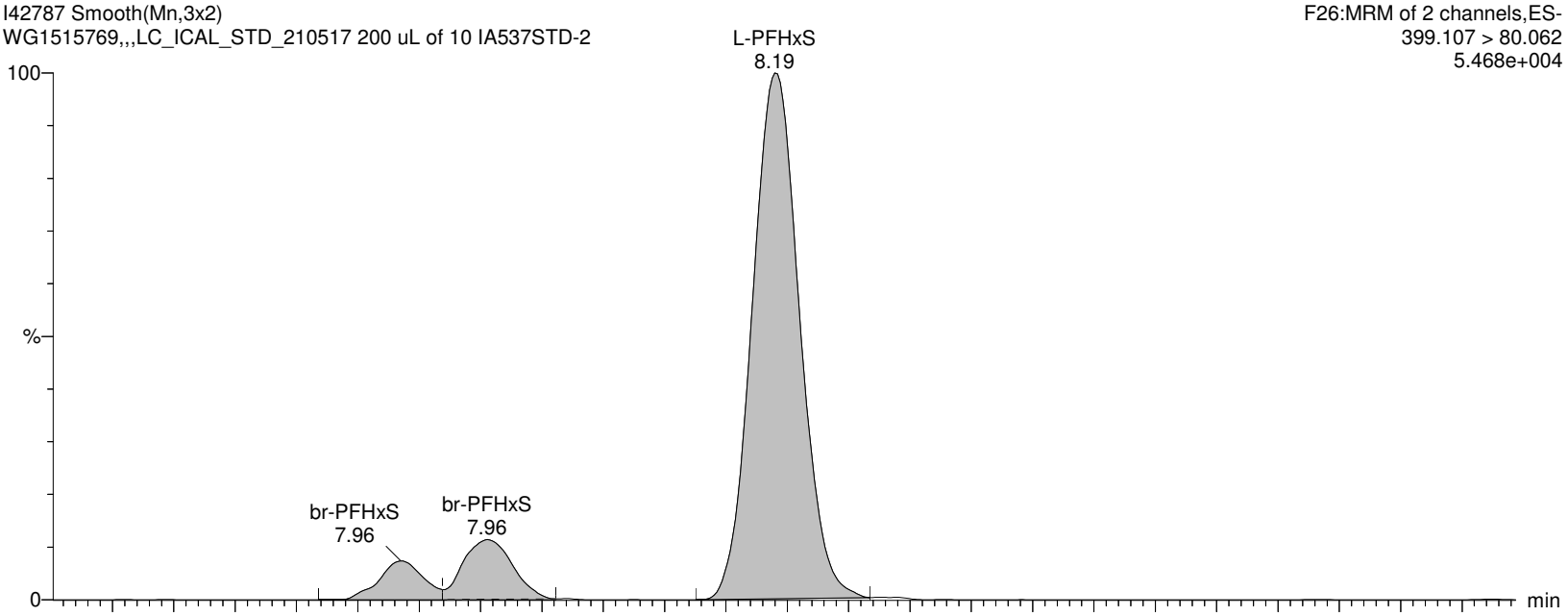


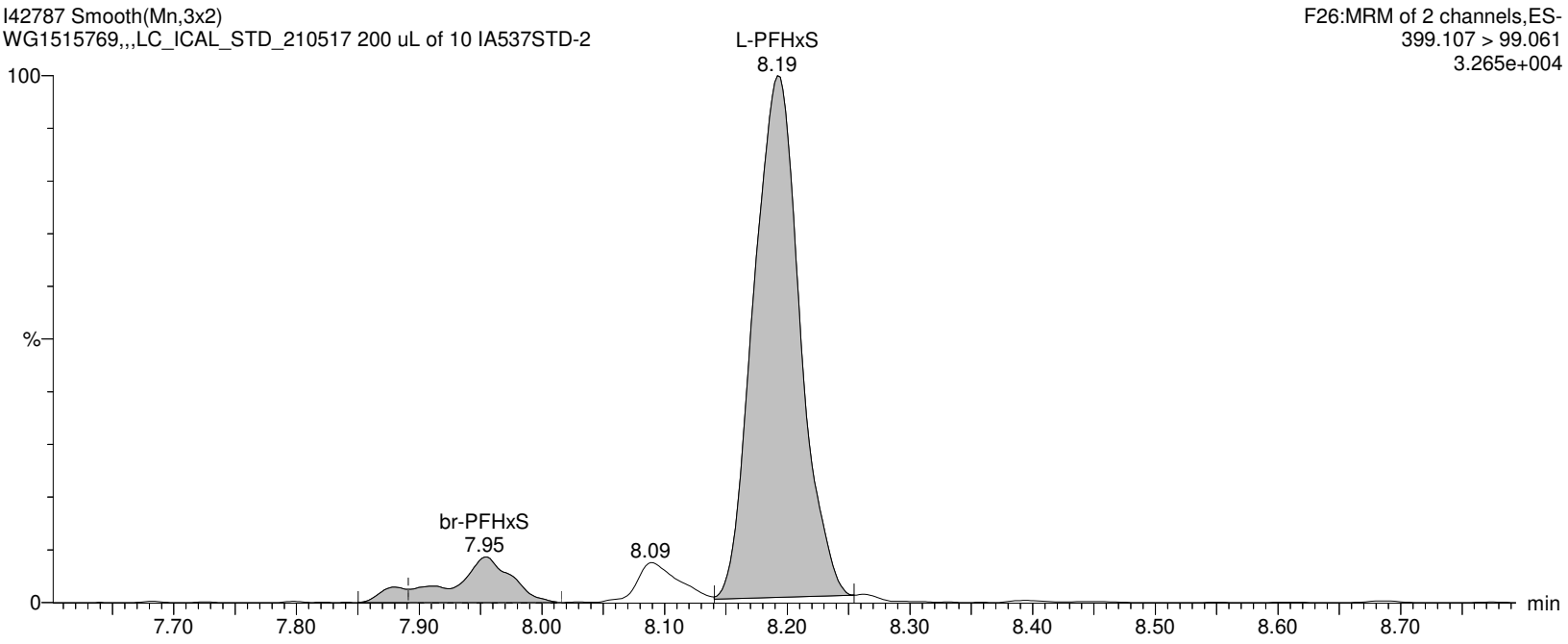
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxS



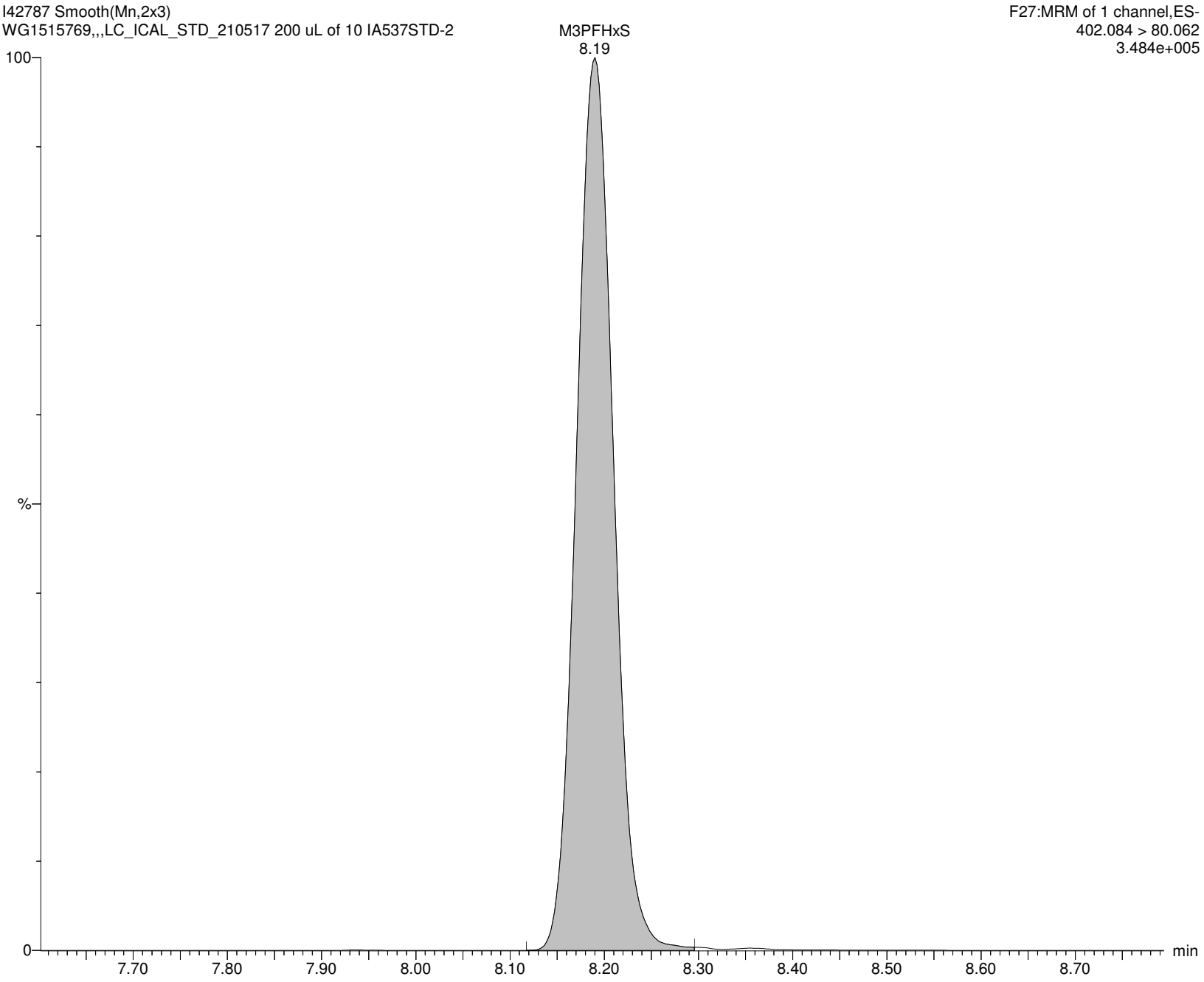


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFHxS

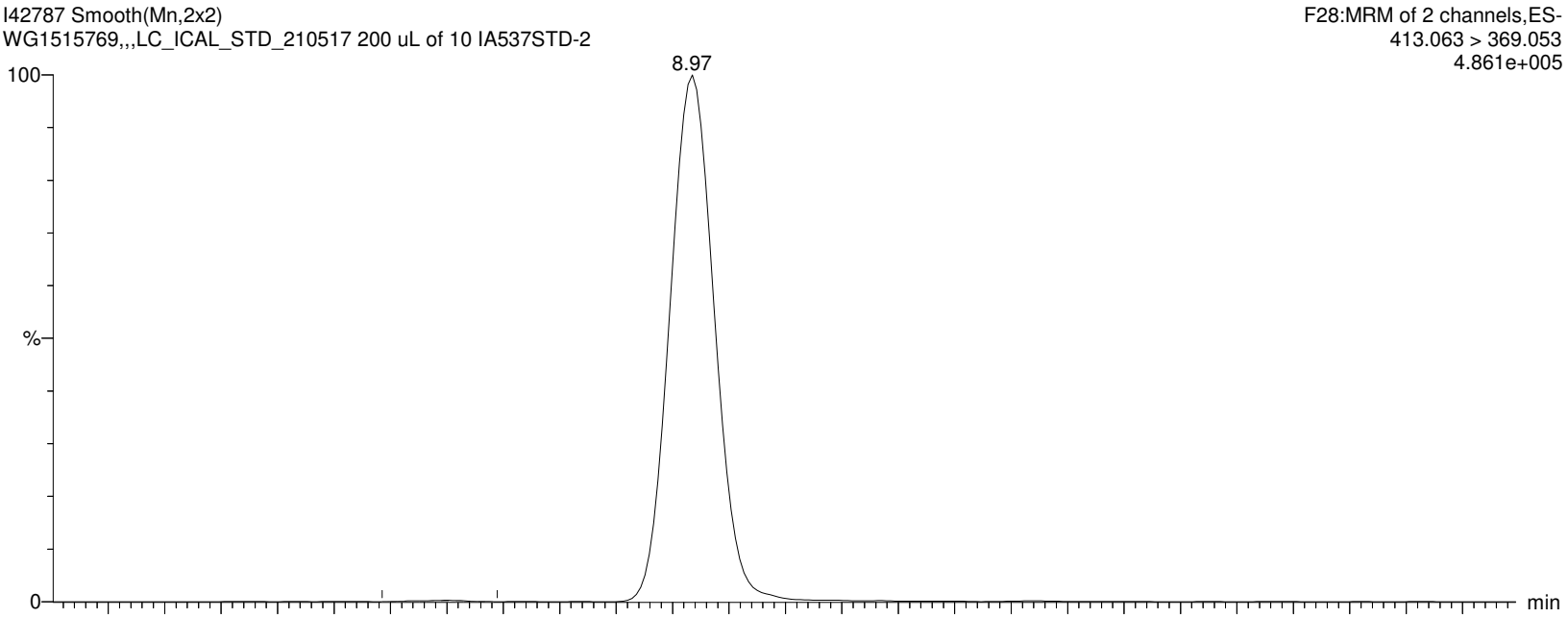


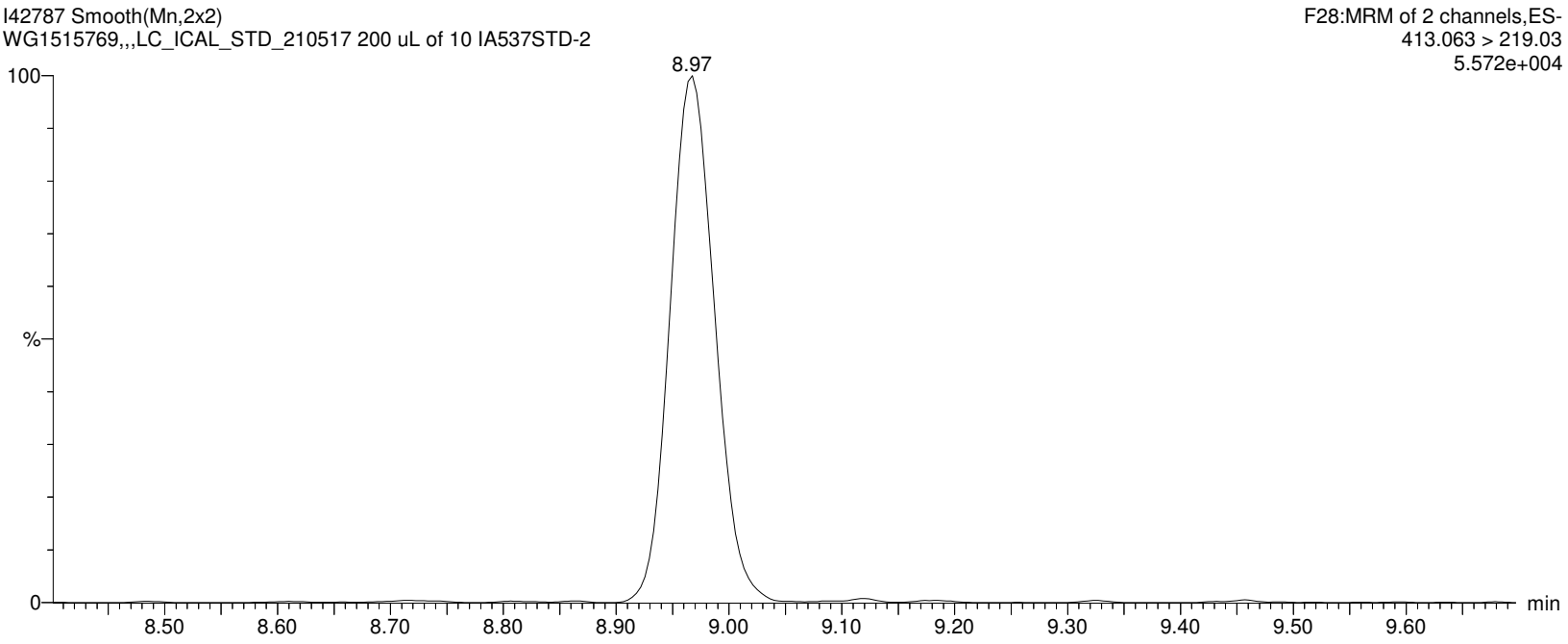
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOA



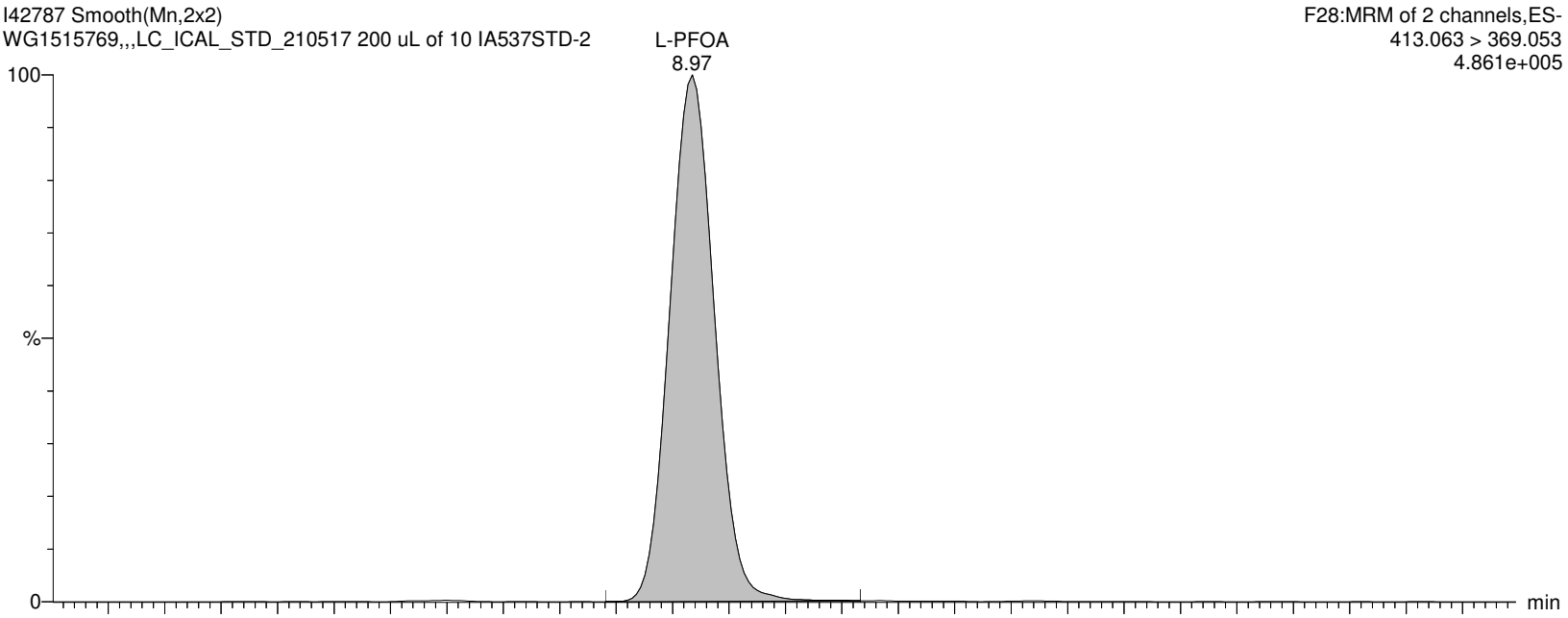


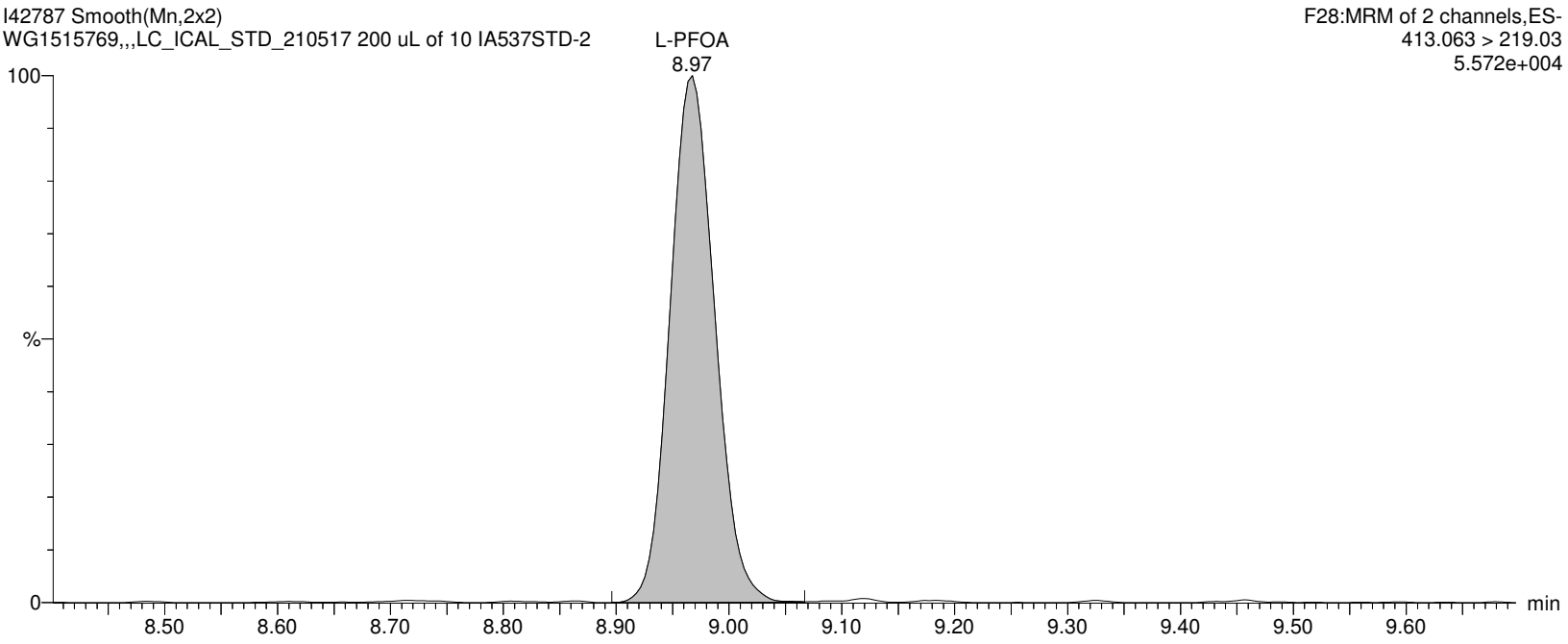
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOA



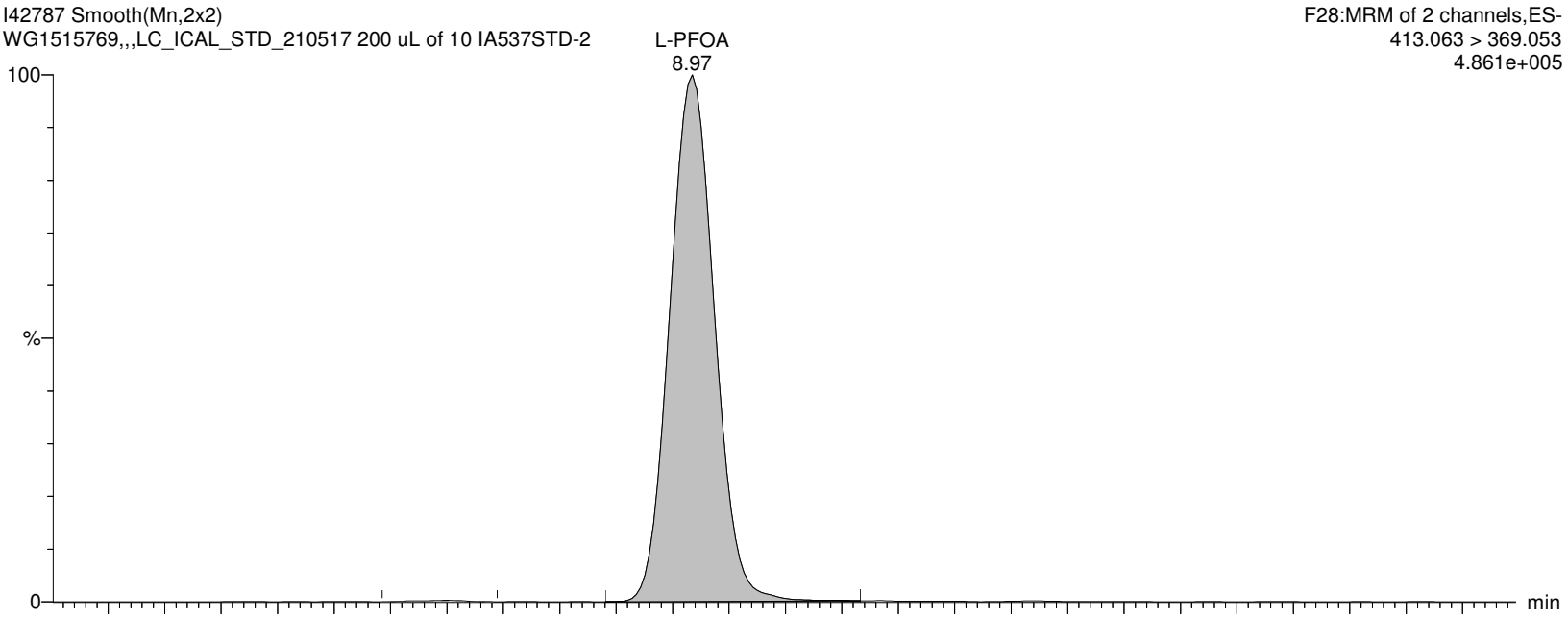


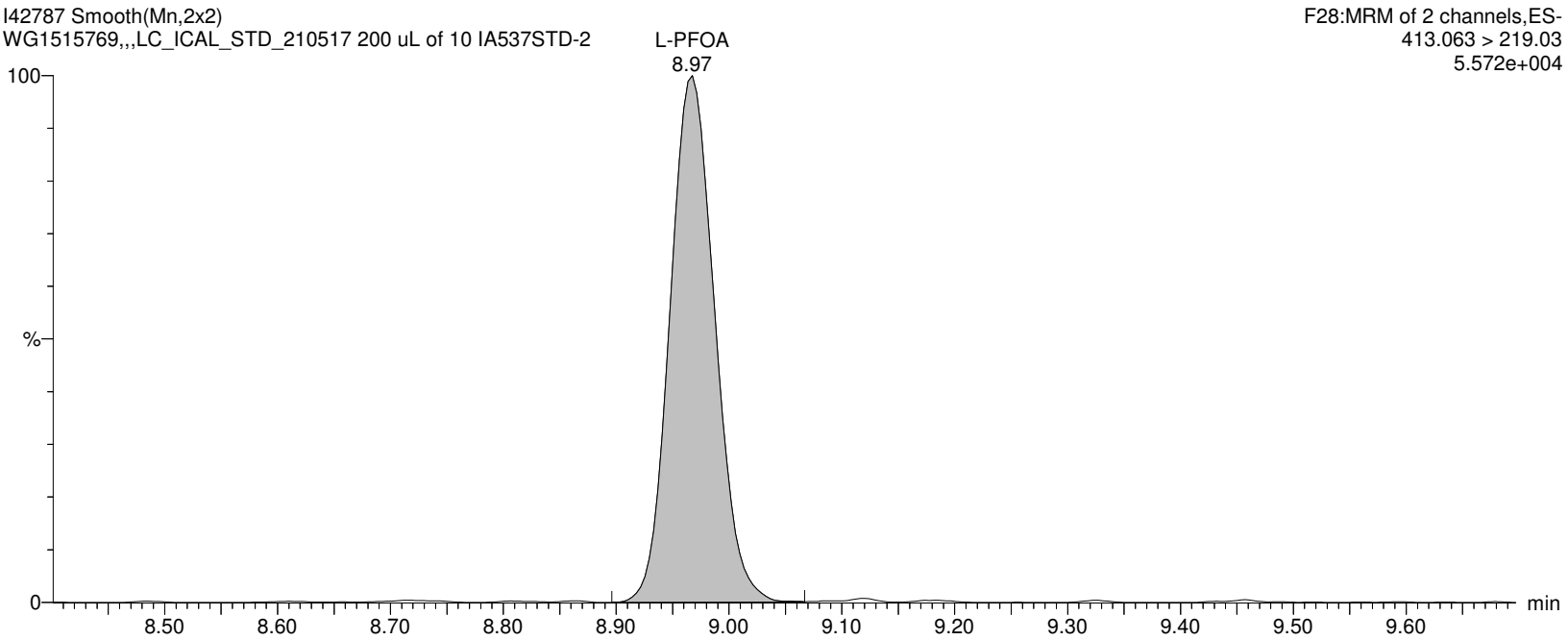
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOA



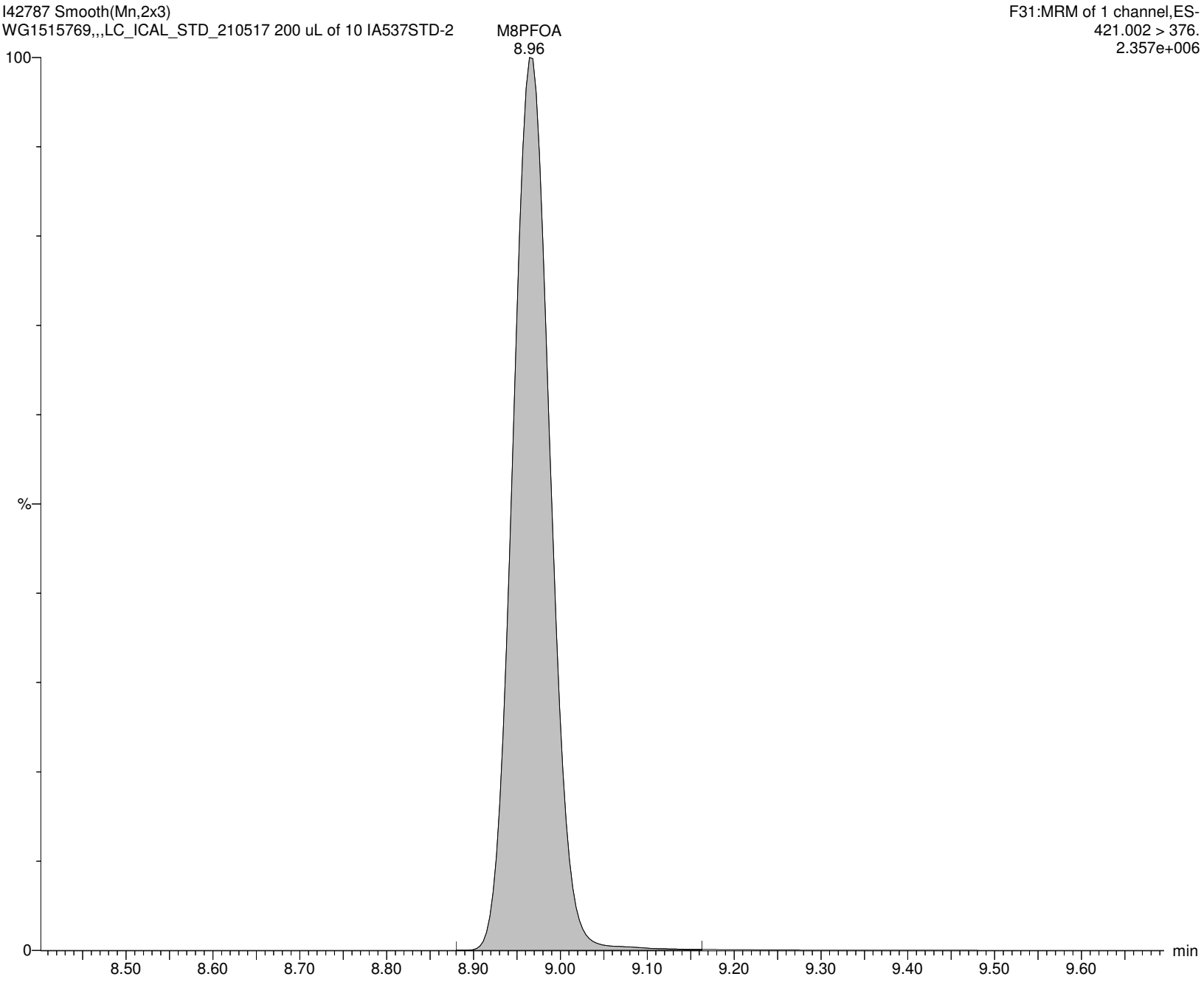


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOA

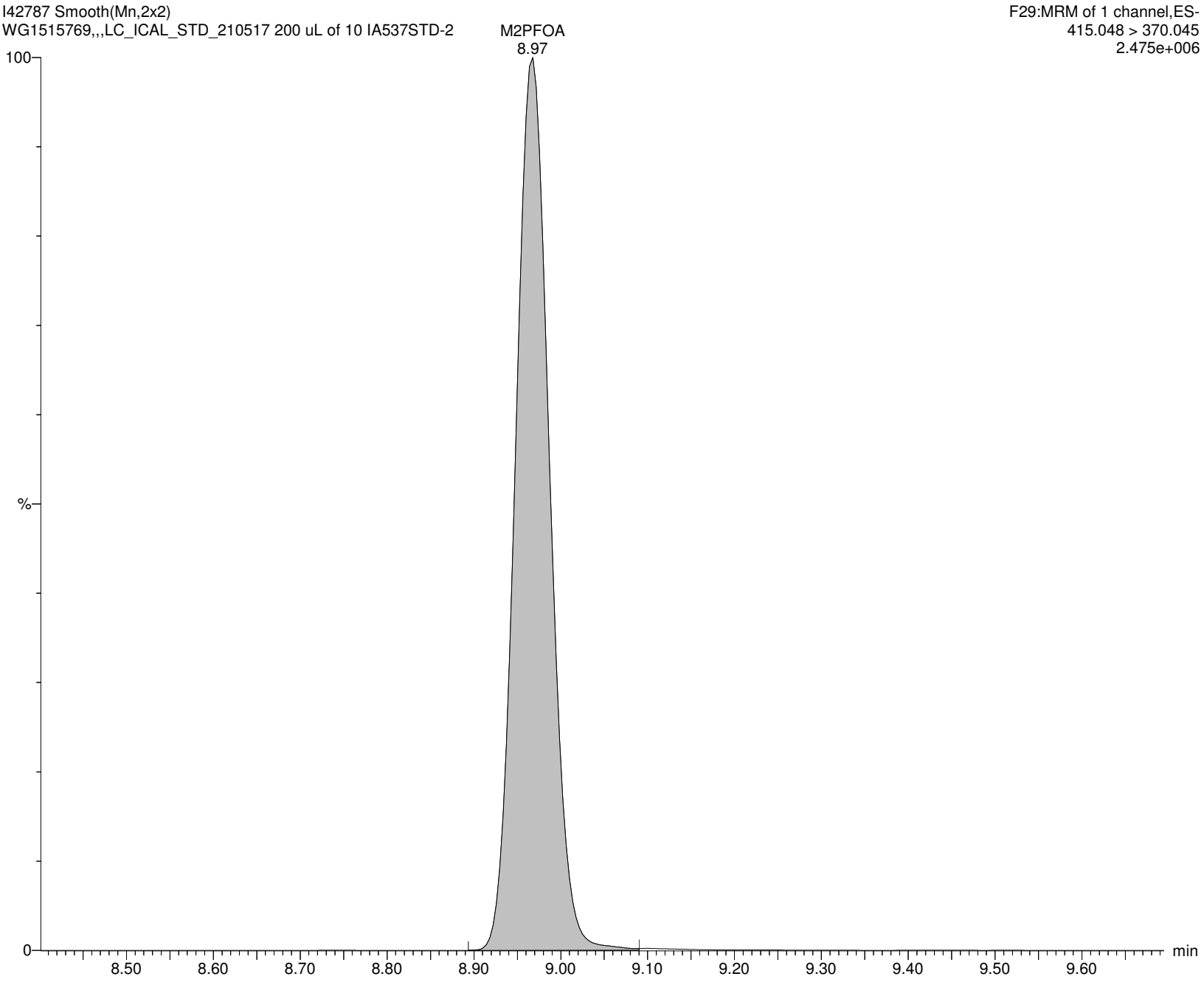


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFOA

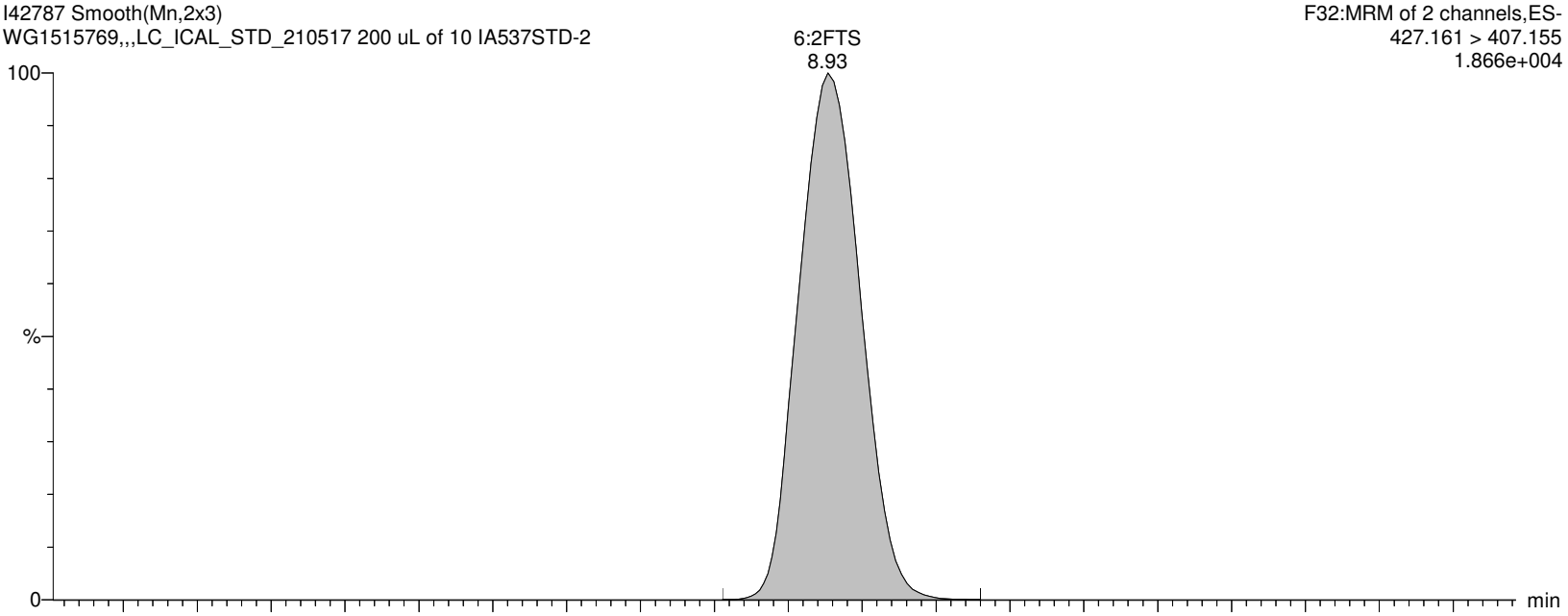


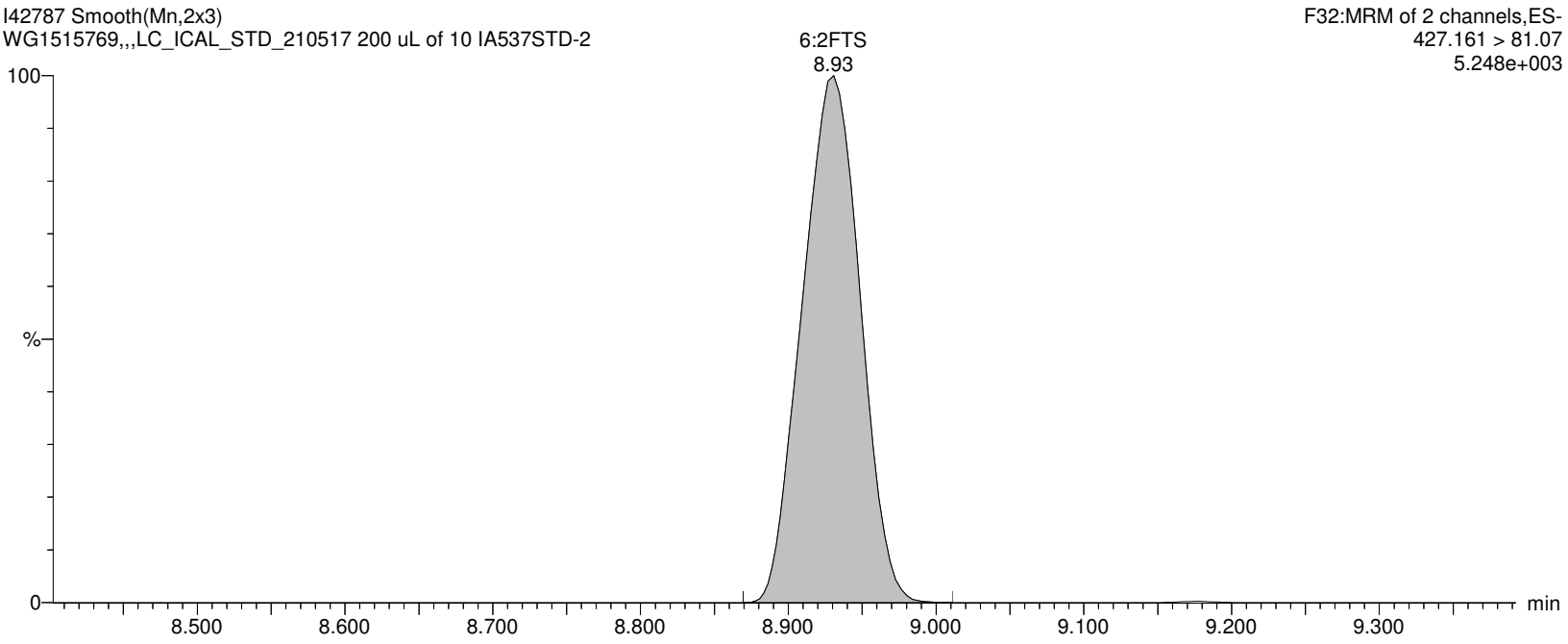
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

6:2FTS



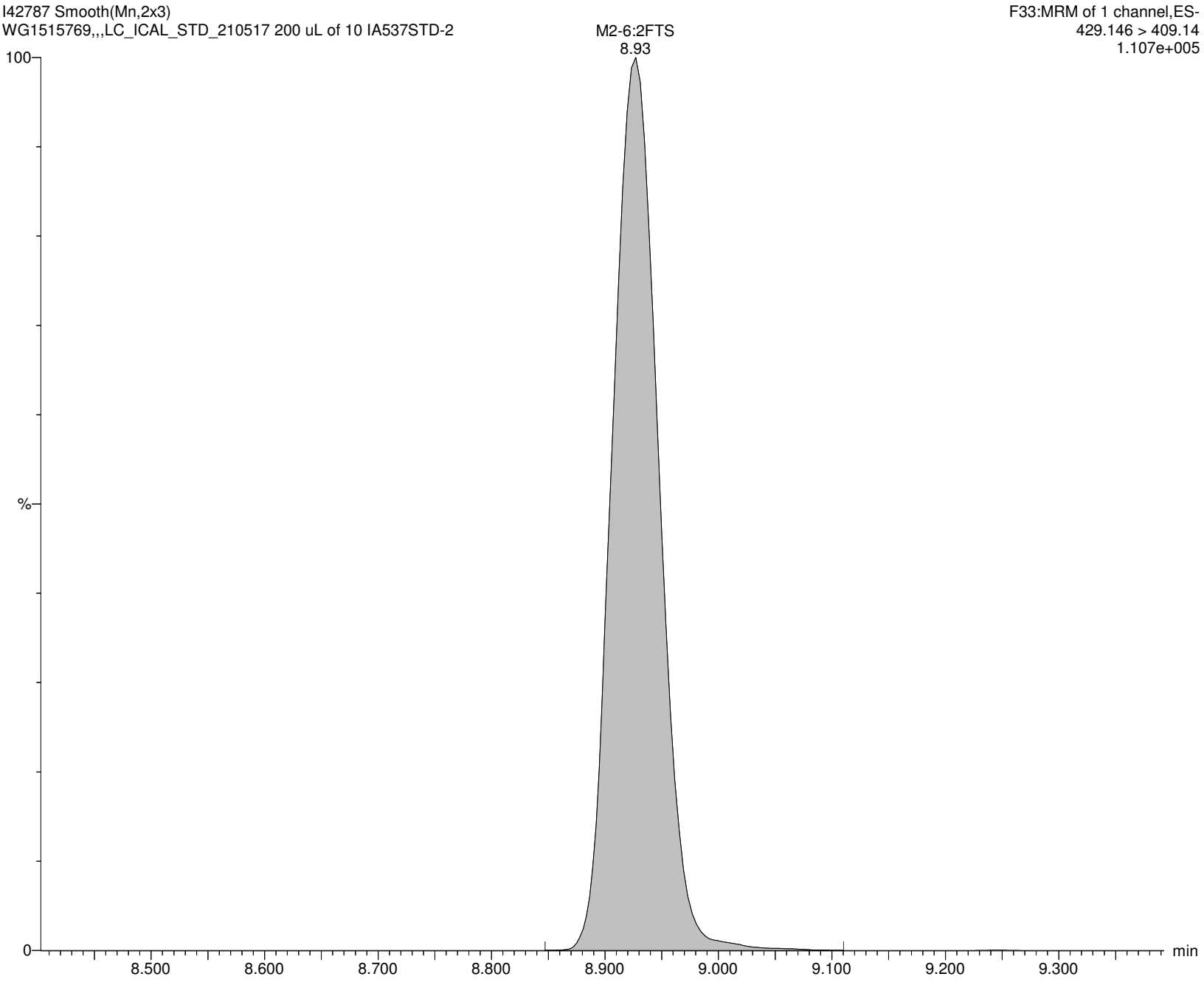


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-6:2FTS

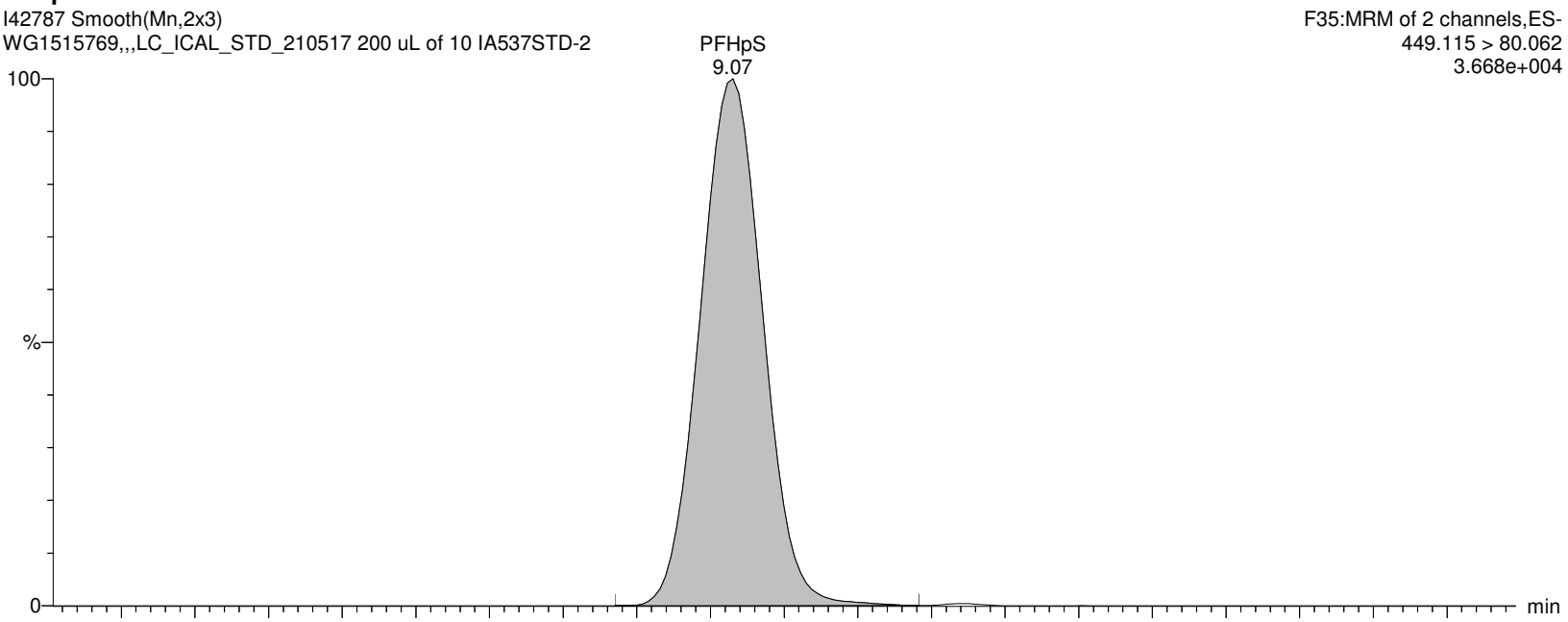


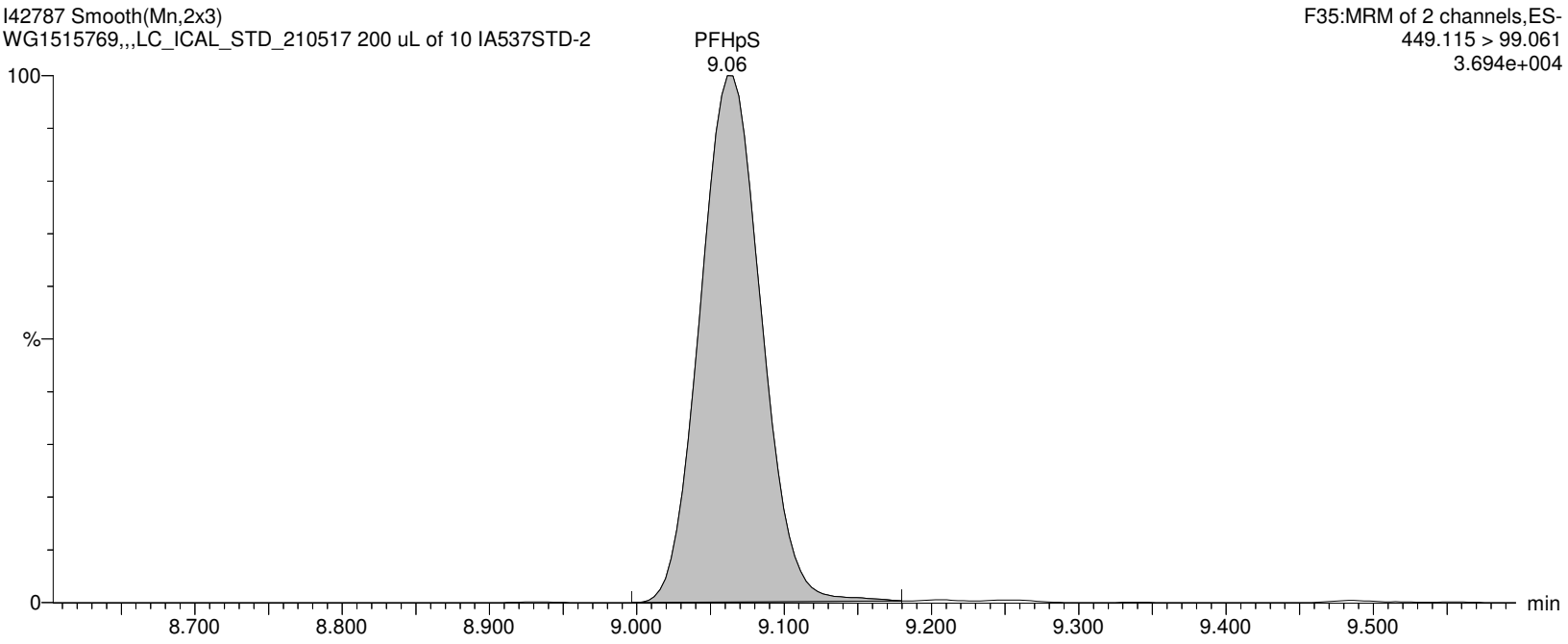
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpS



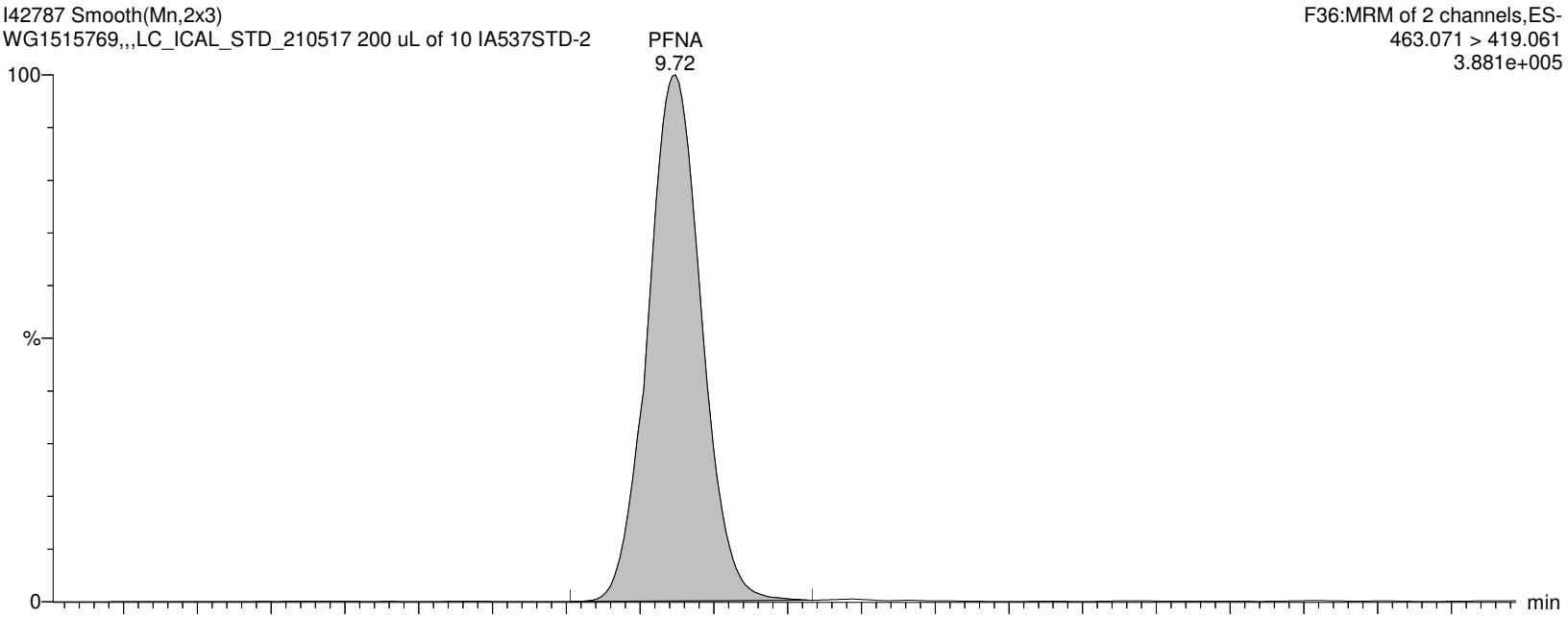


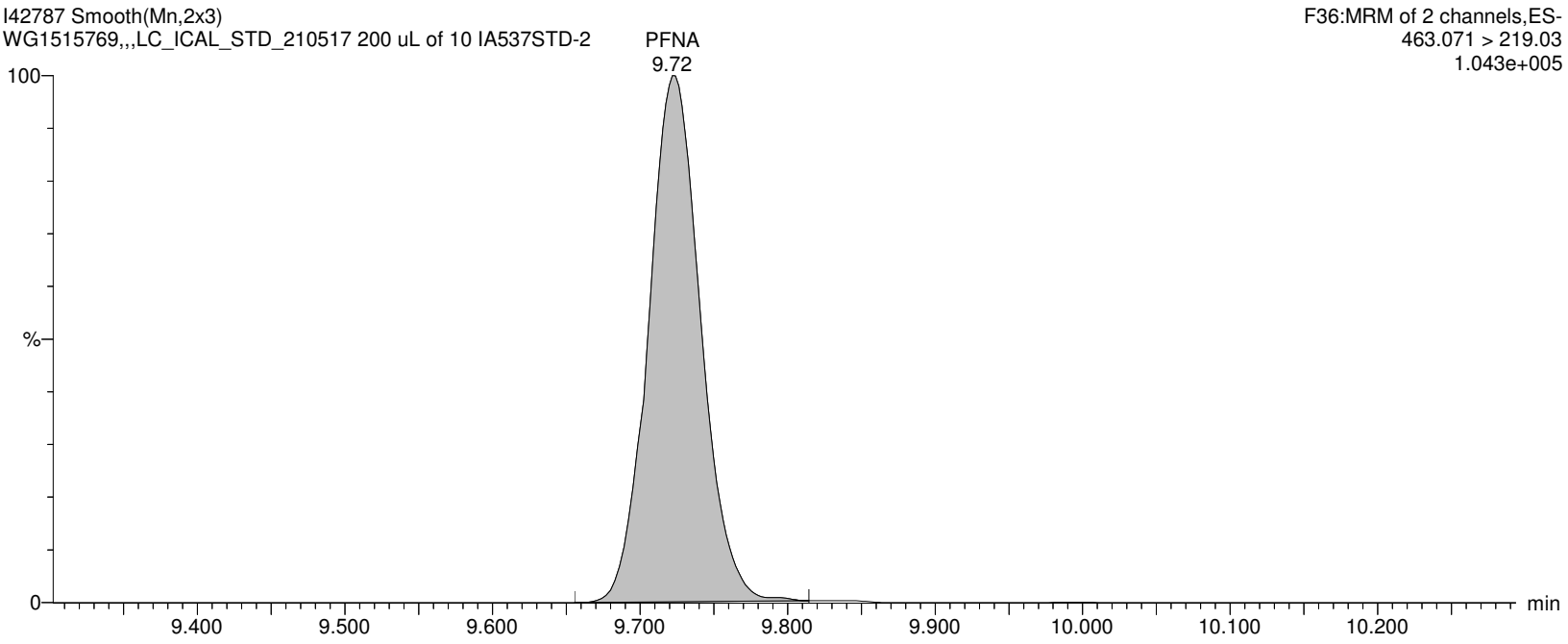
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNA



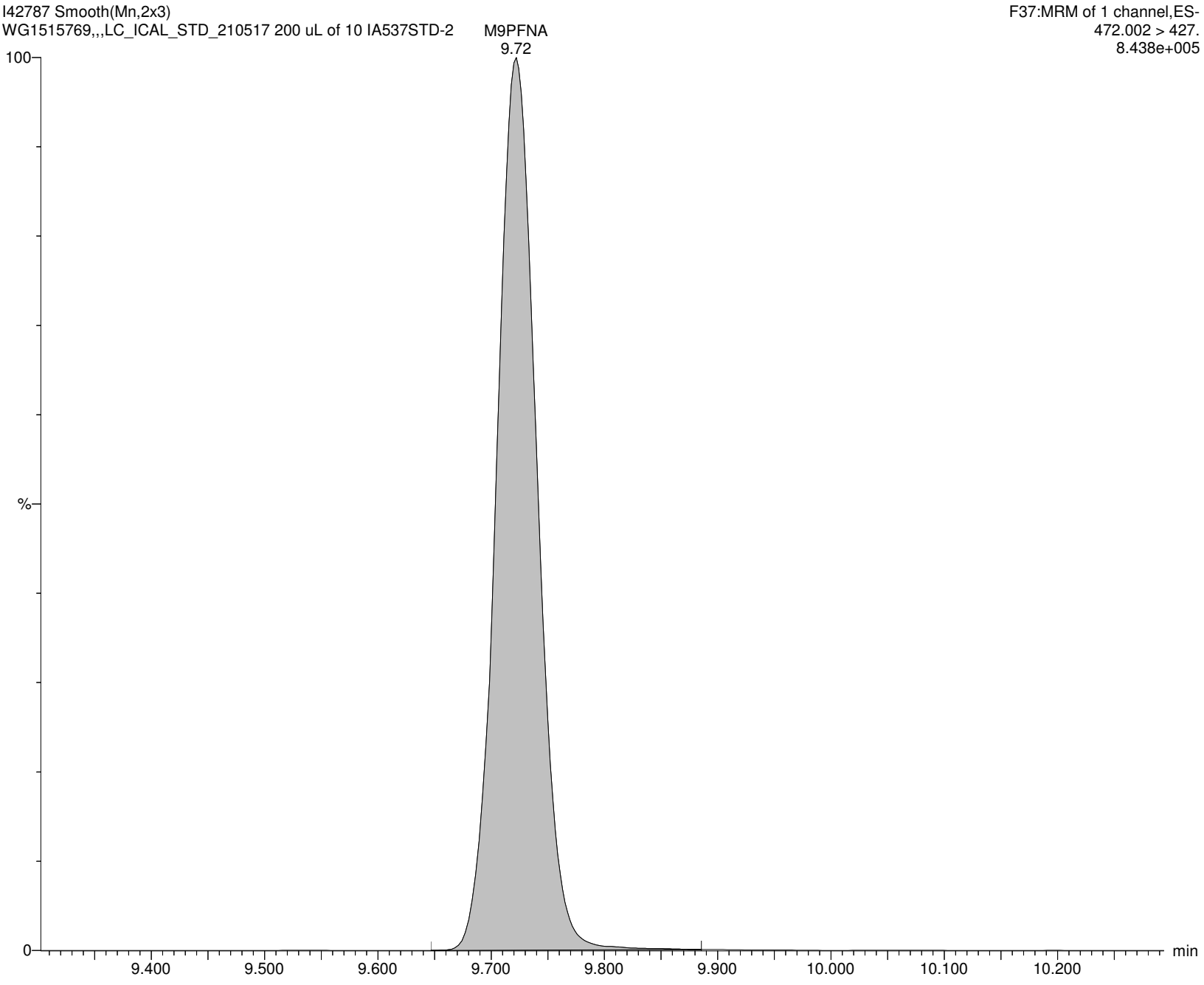


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M9PFNA

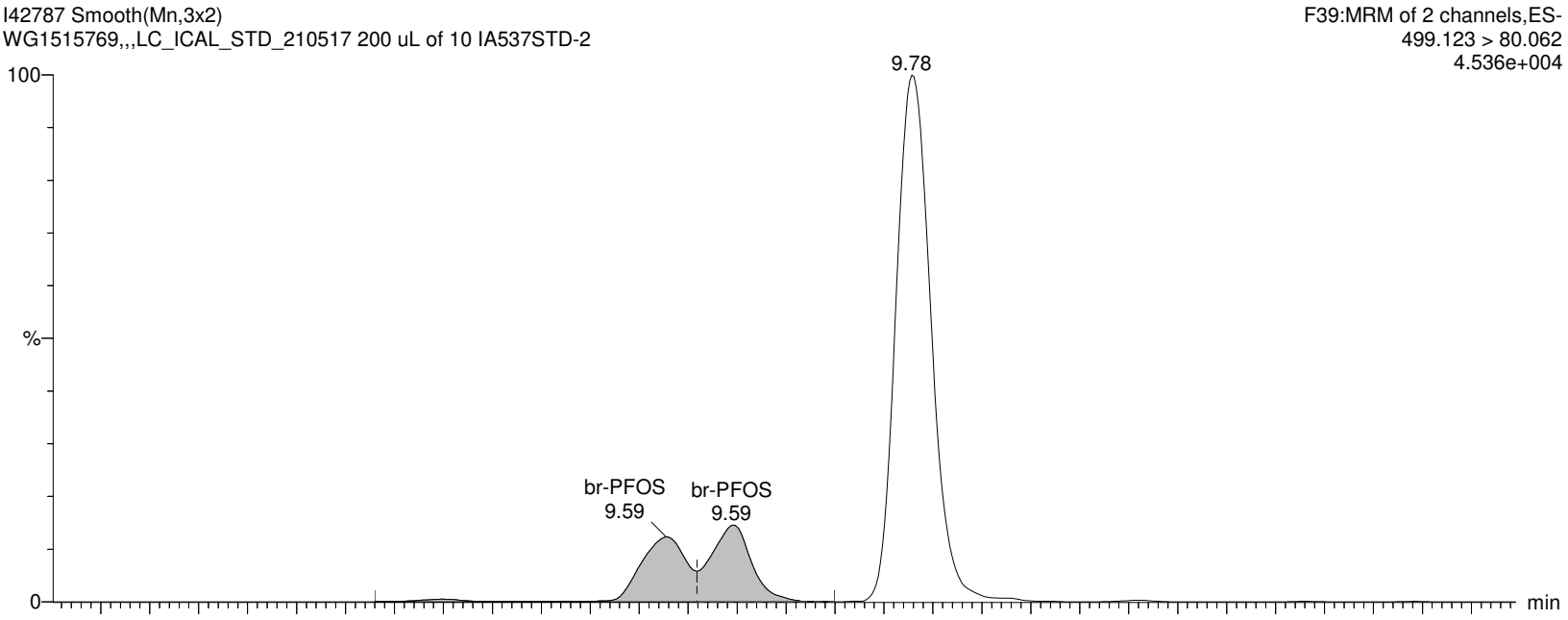


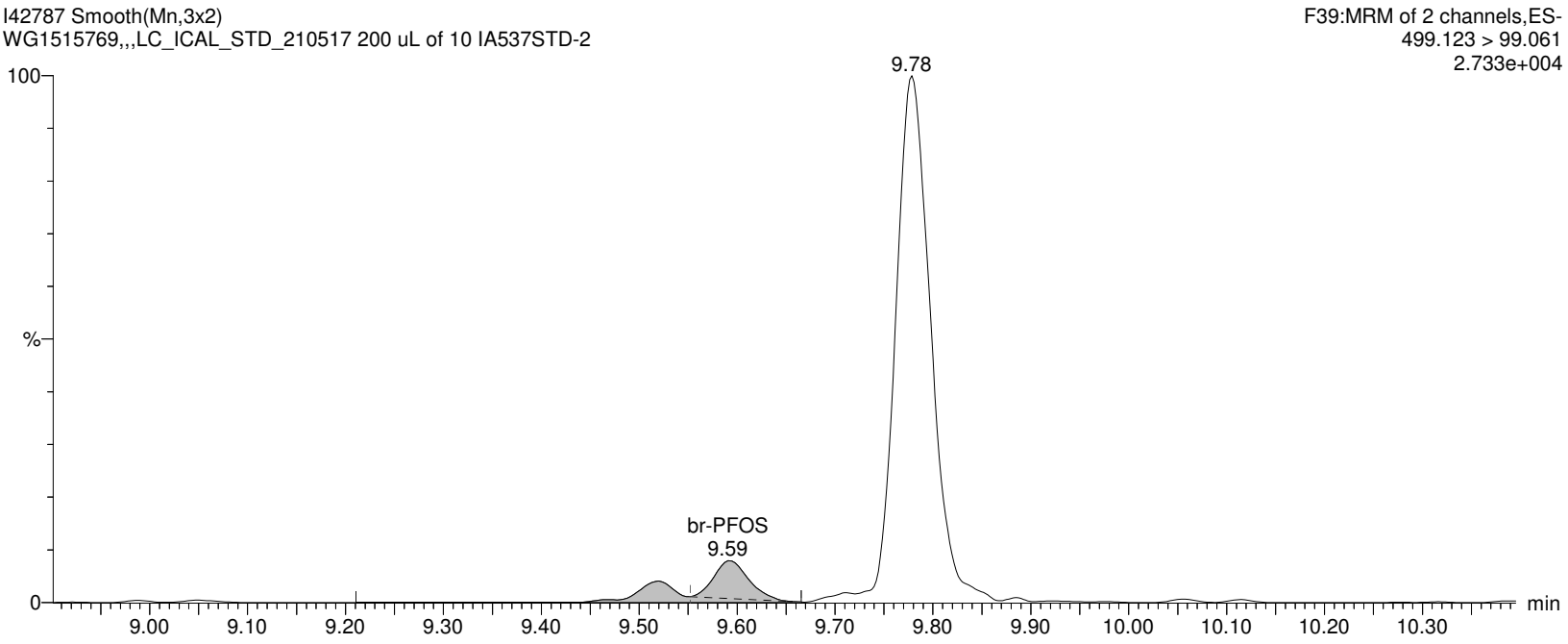
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOS



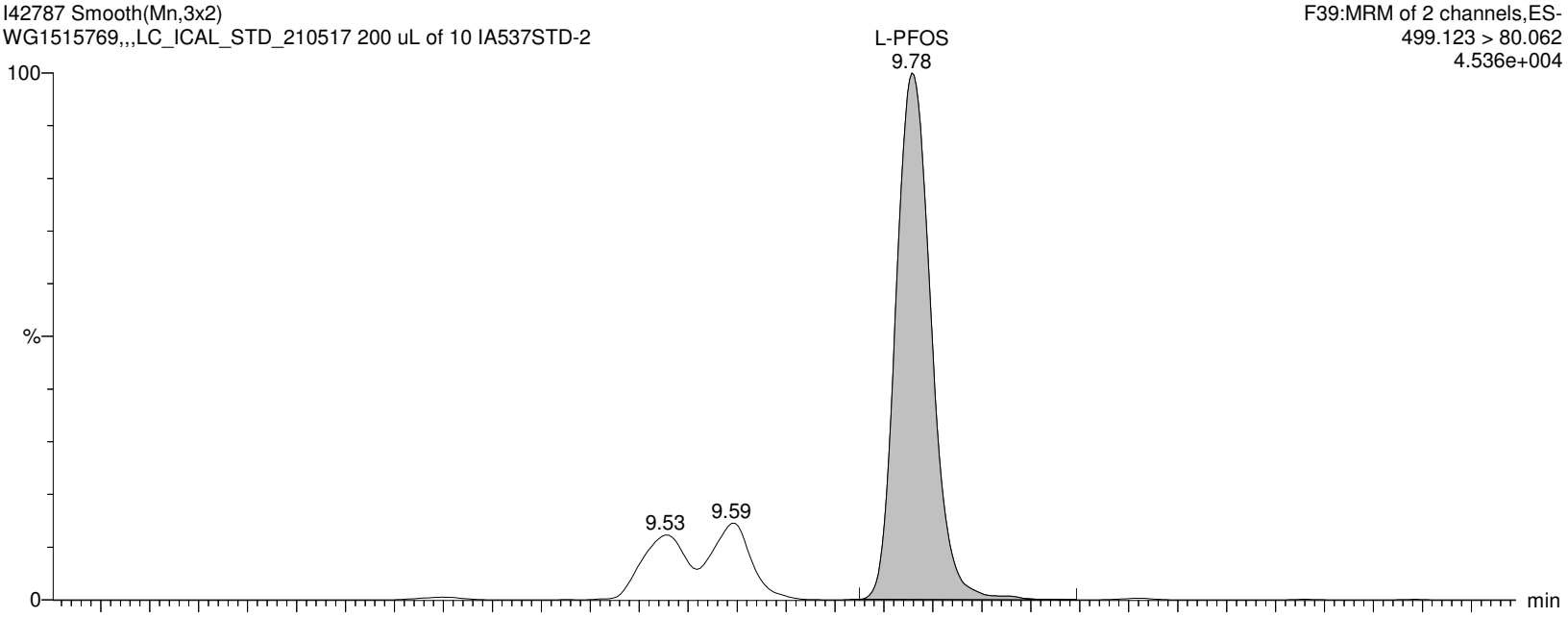


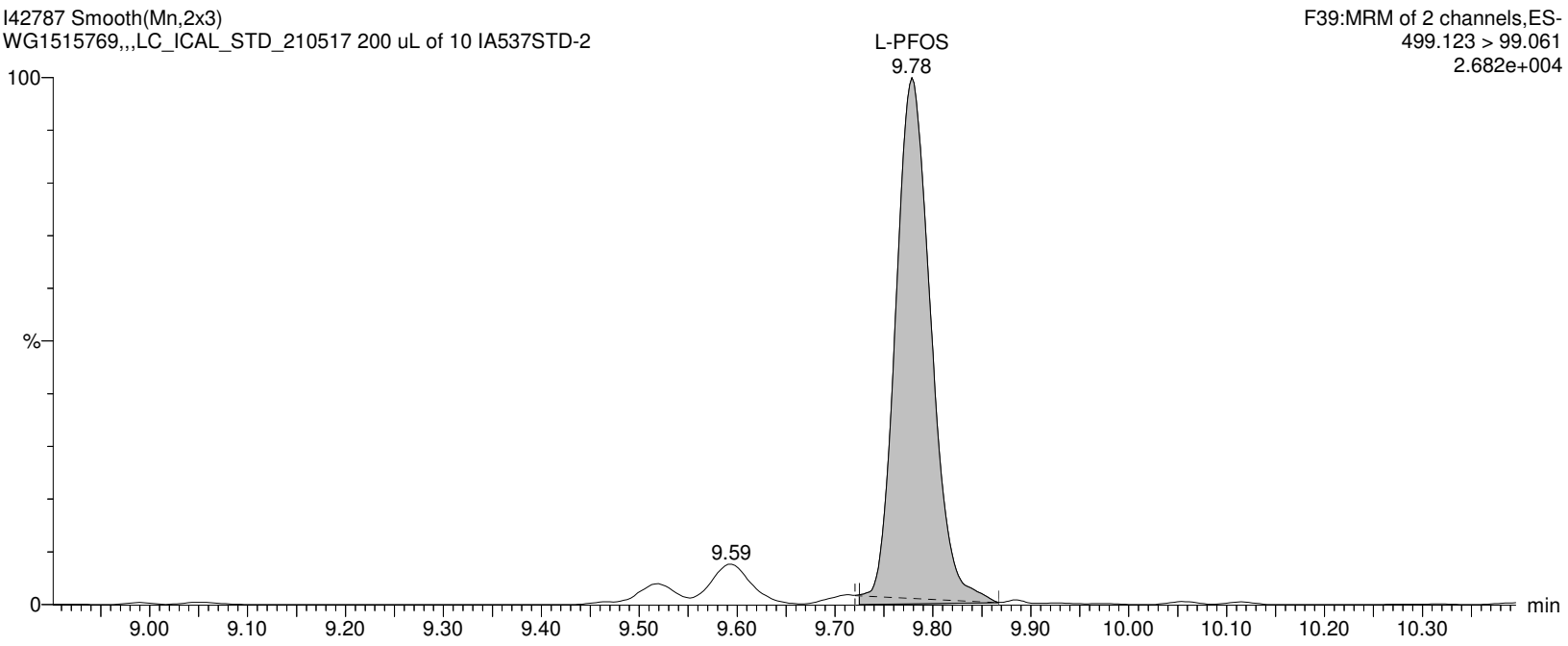
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOS



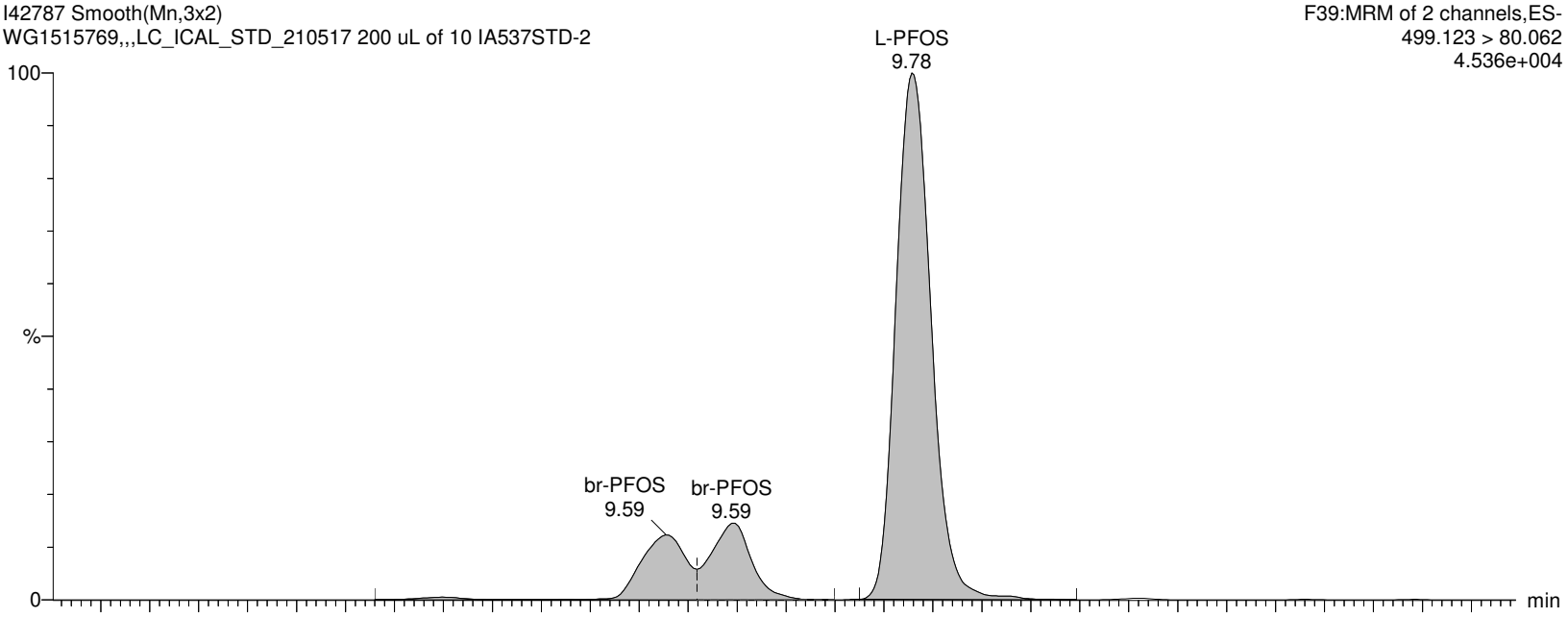


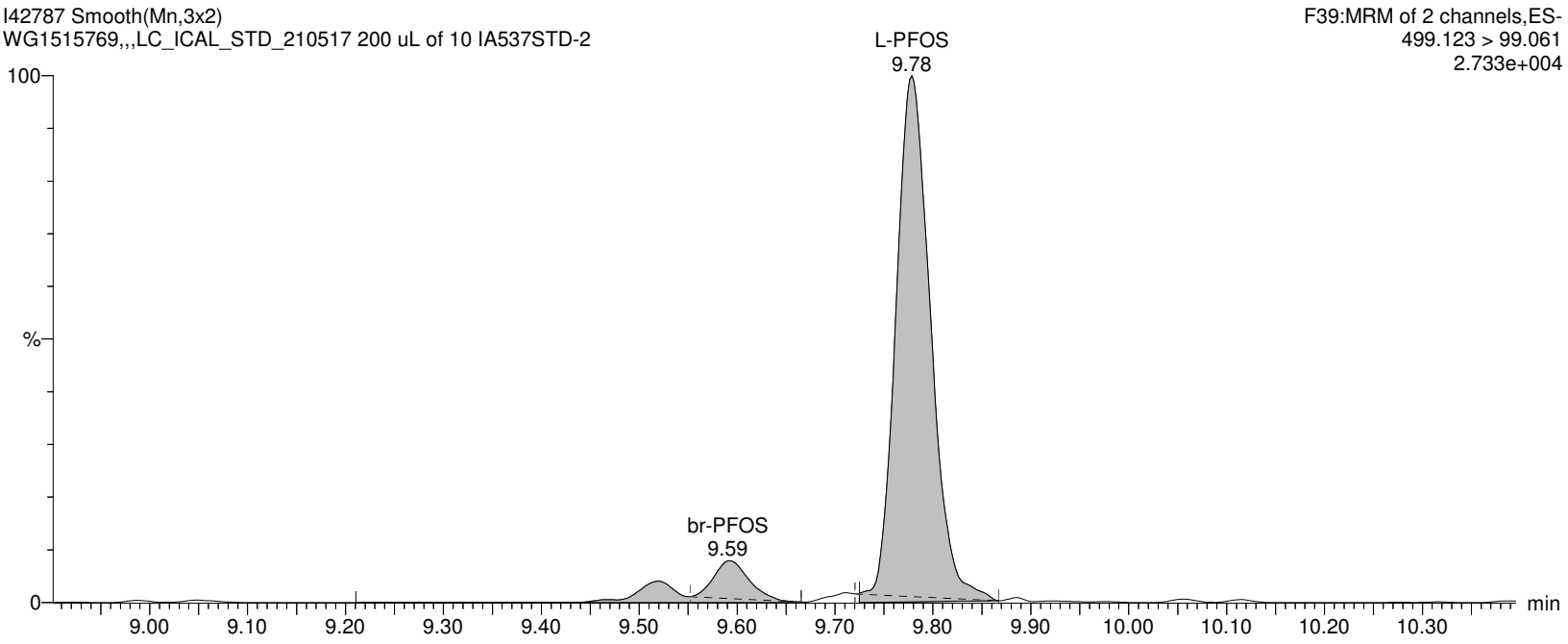
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOS



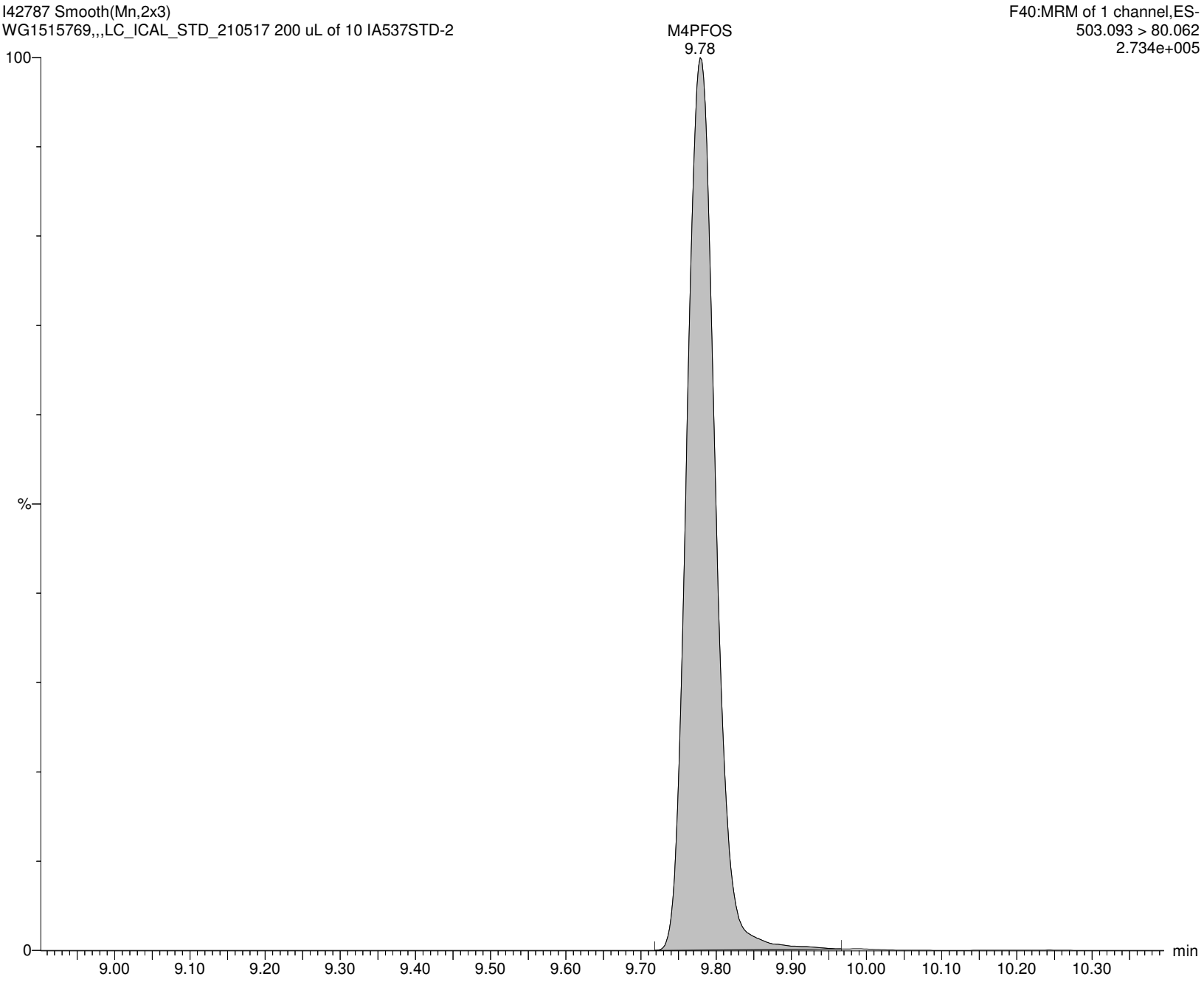


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOS

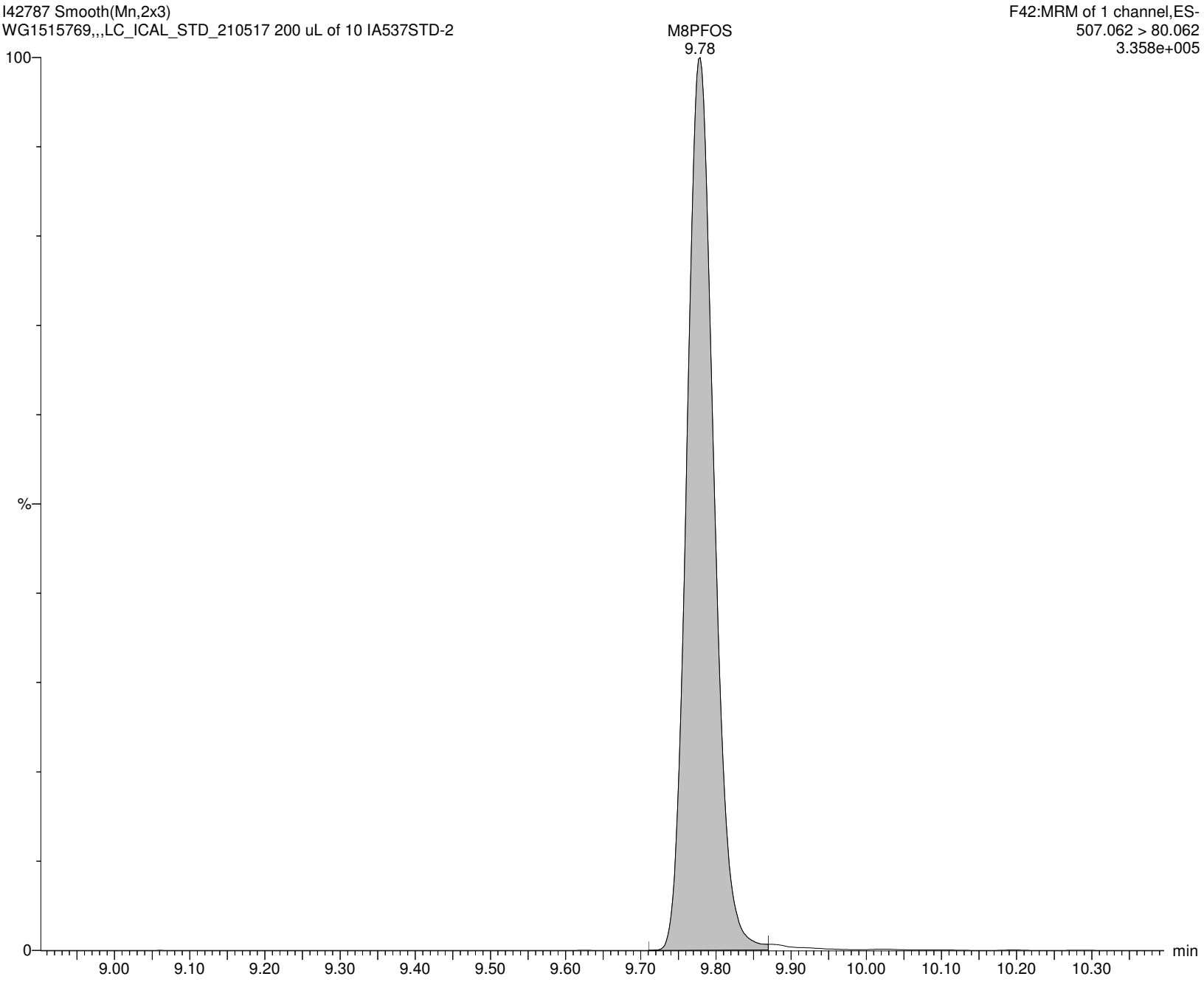


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOS

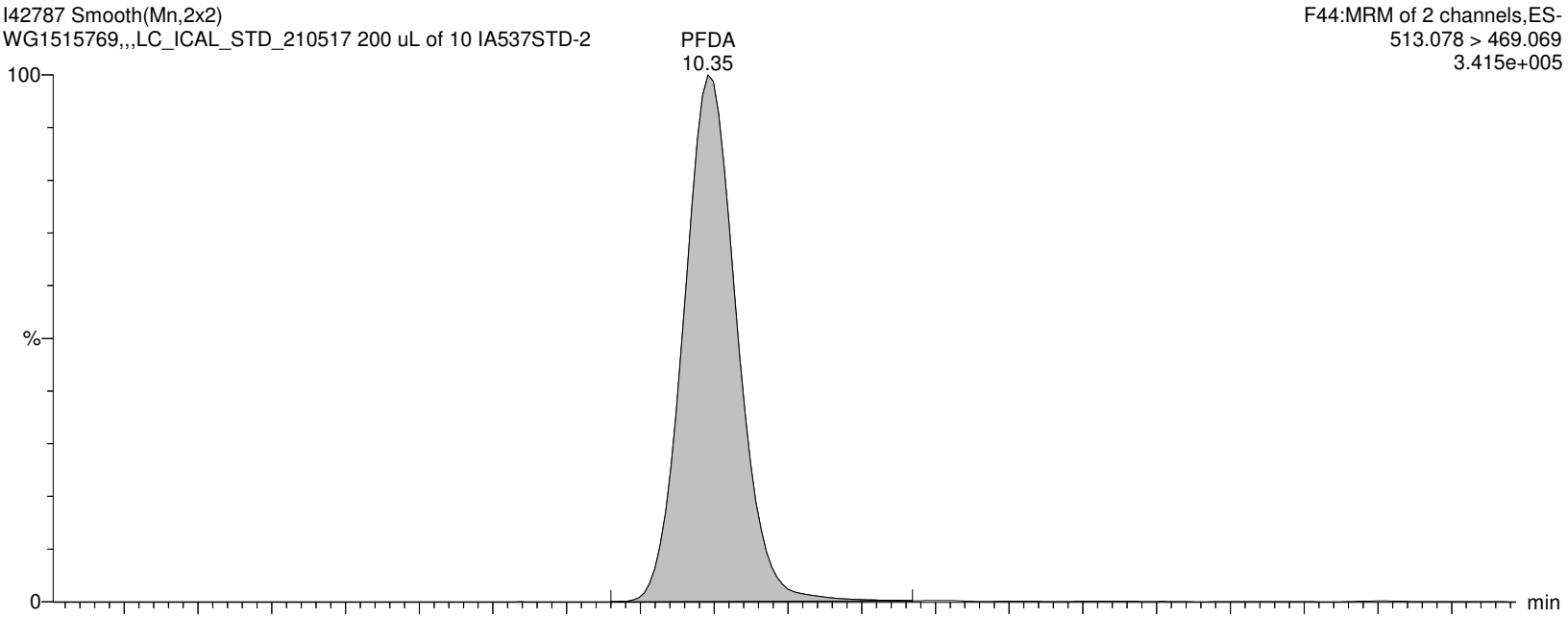


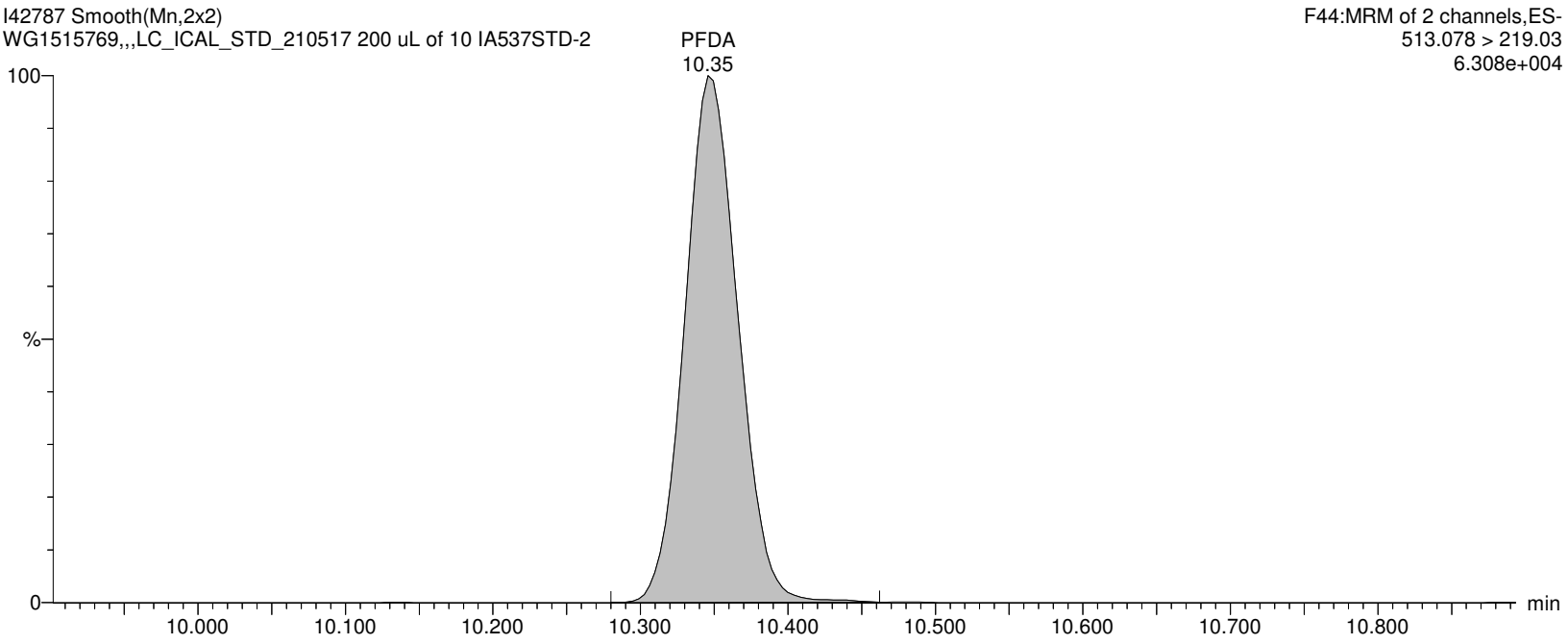
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDA



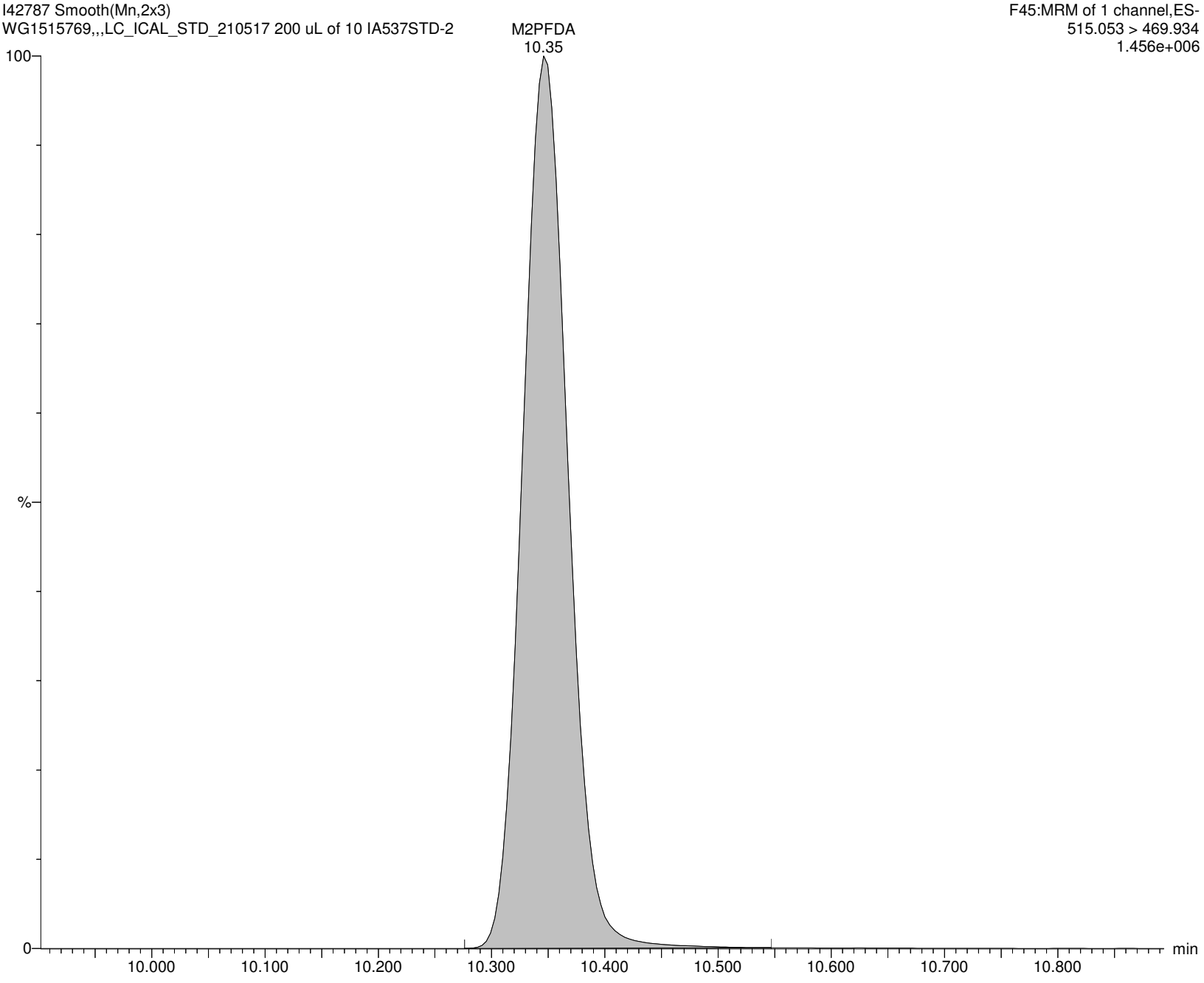


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFDA

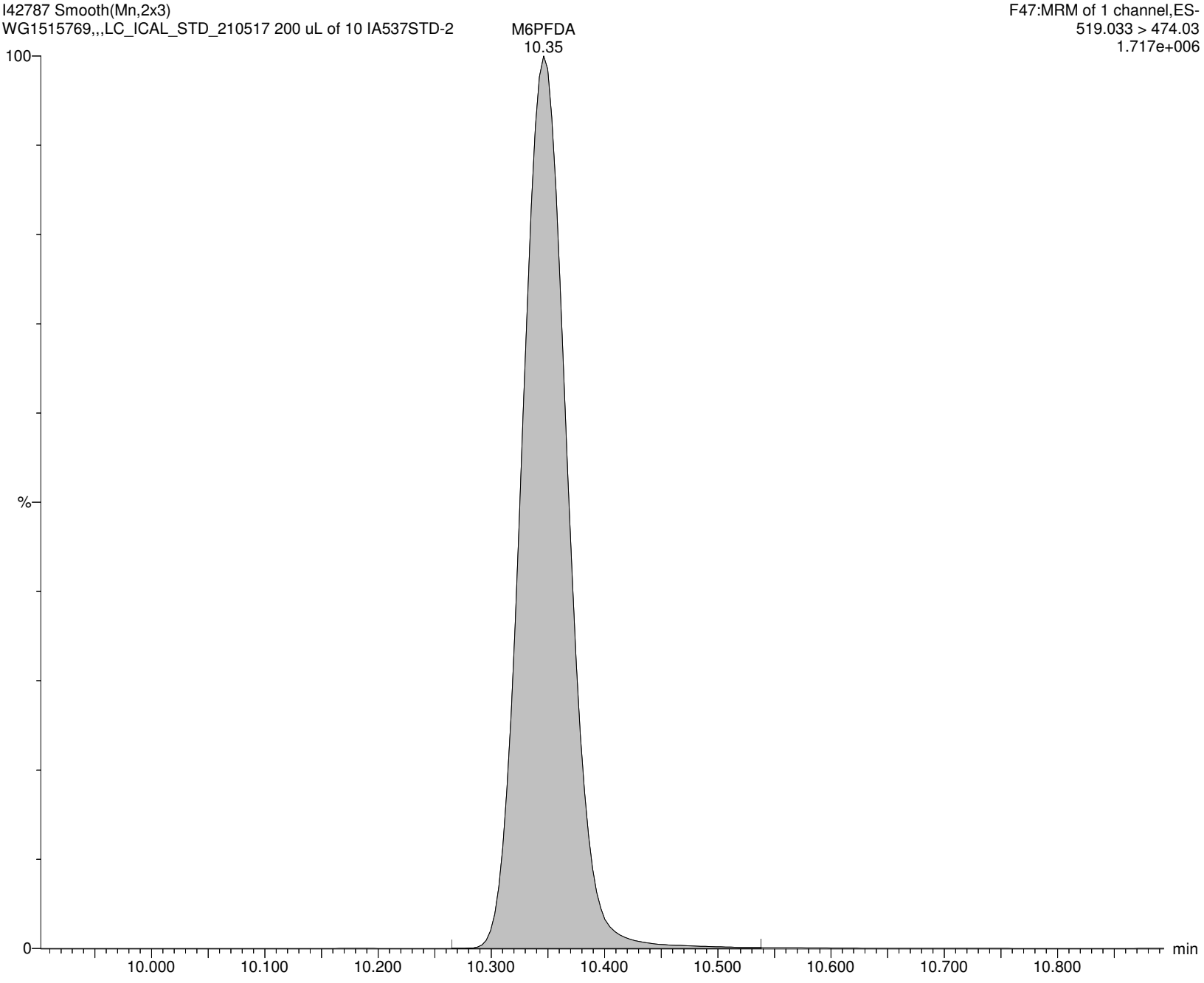


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M6PFDA

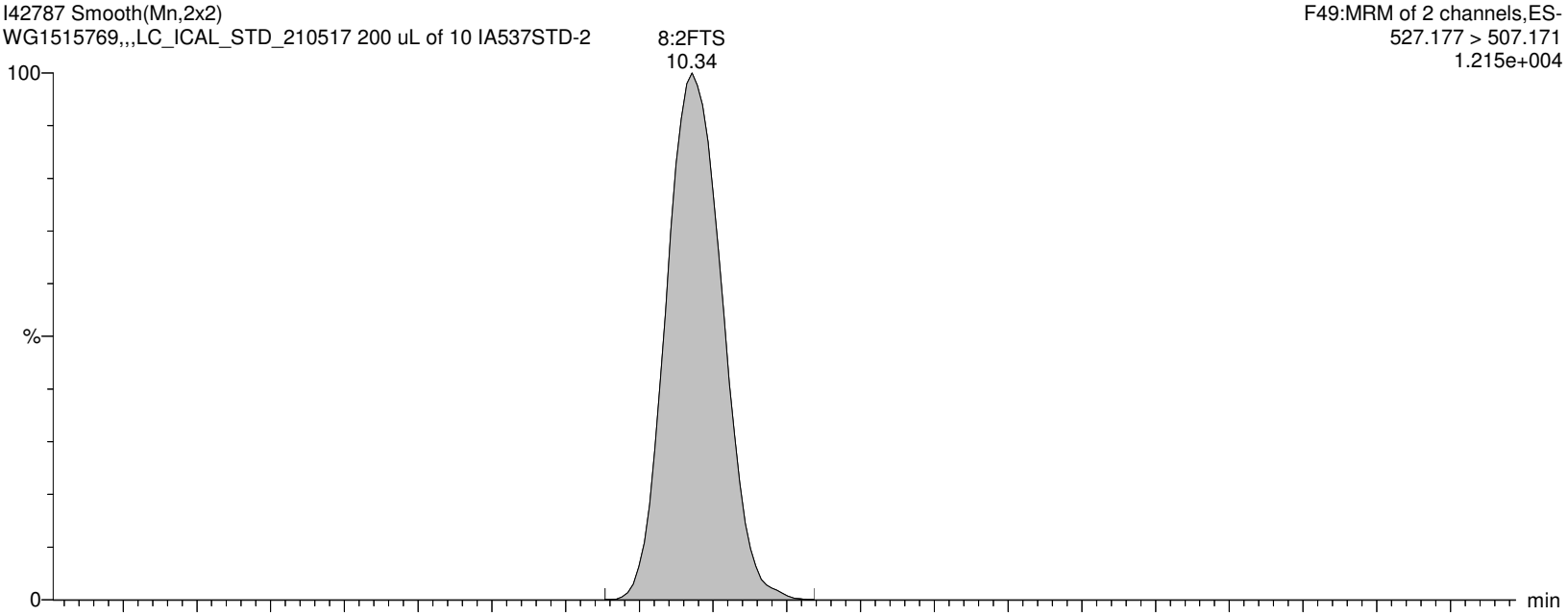


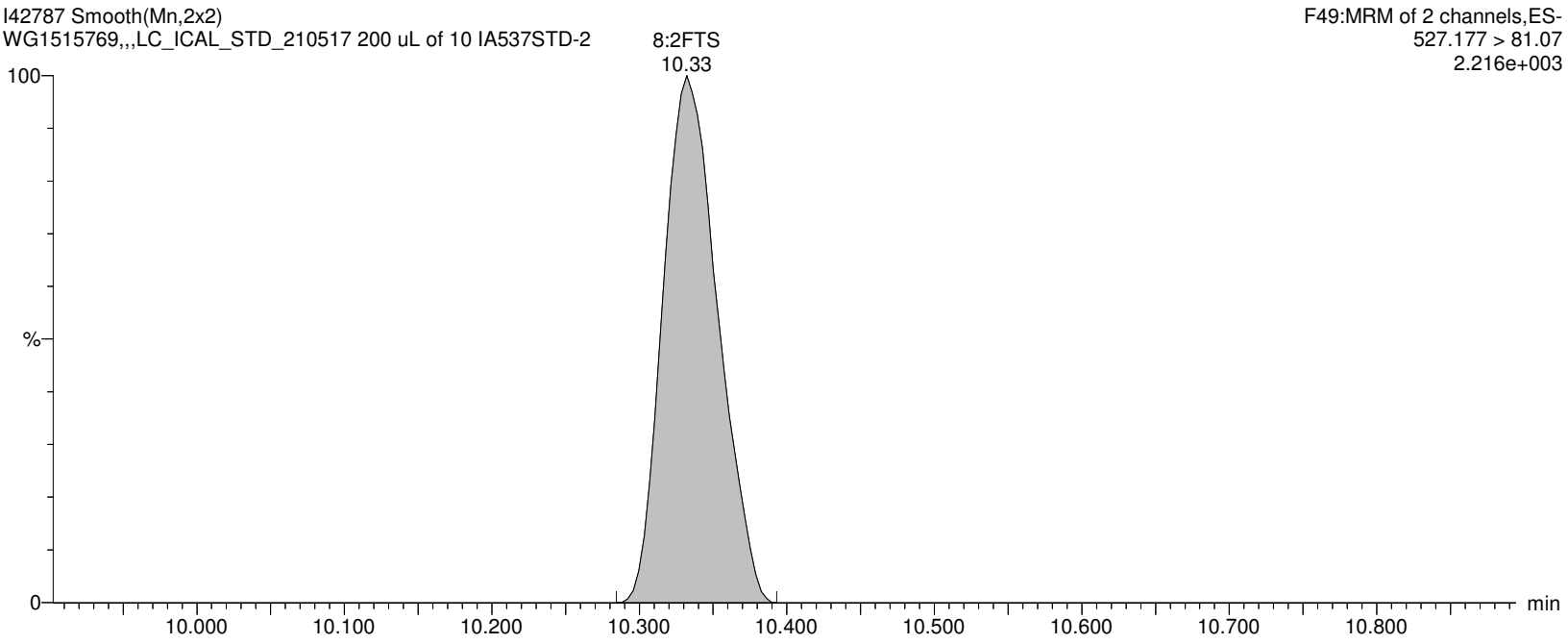
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

8:2FTS



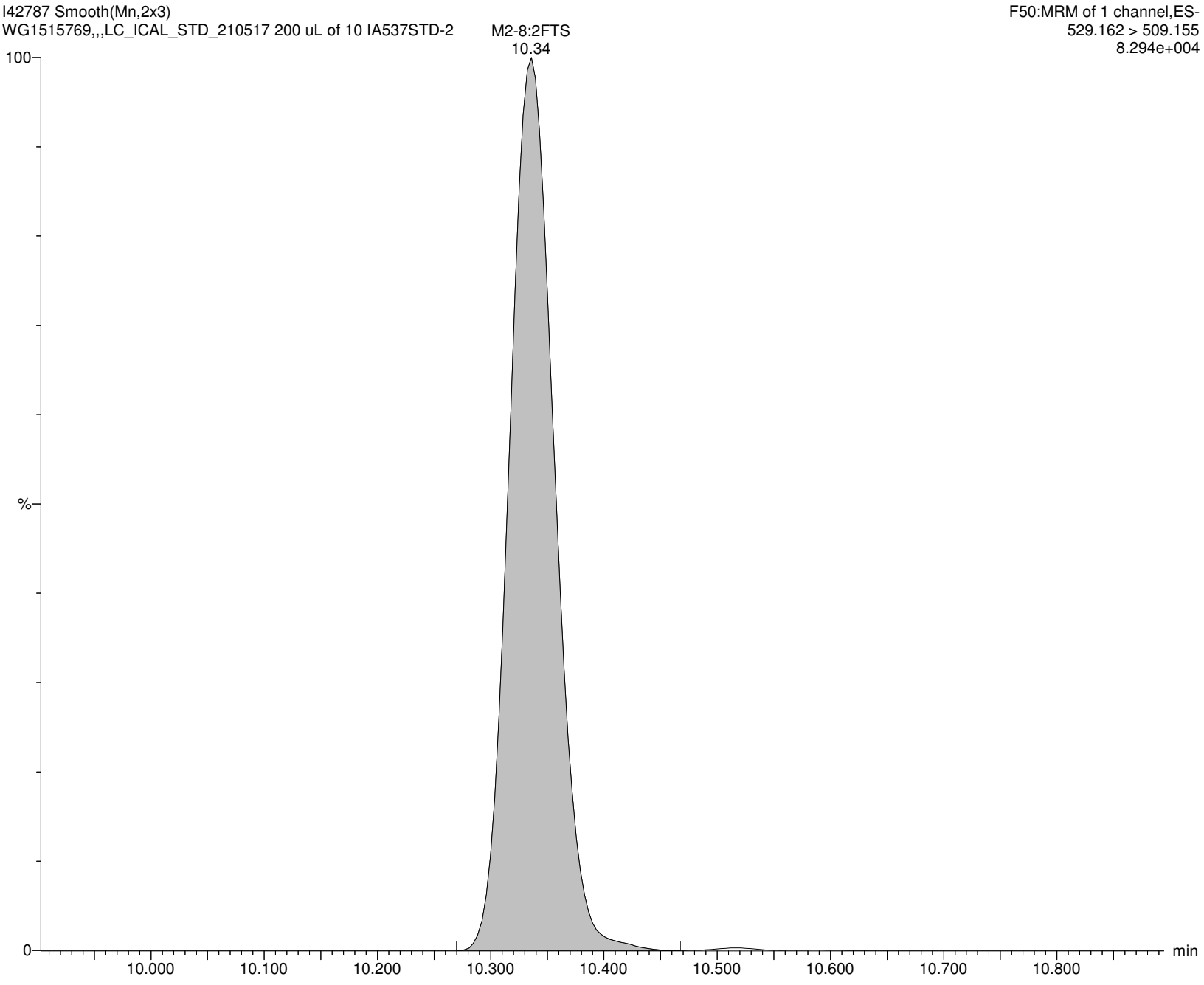


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-8:2FTS

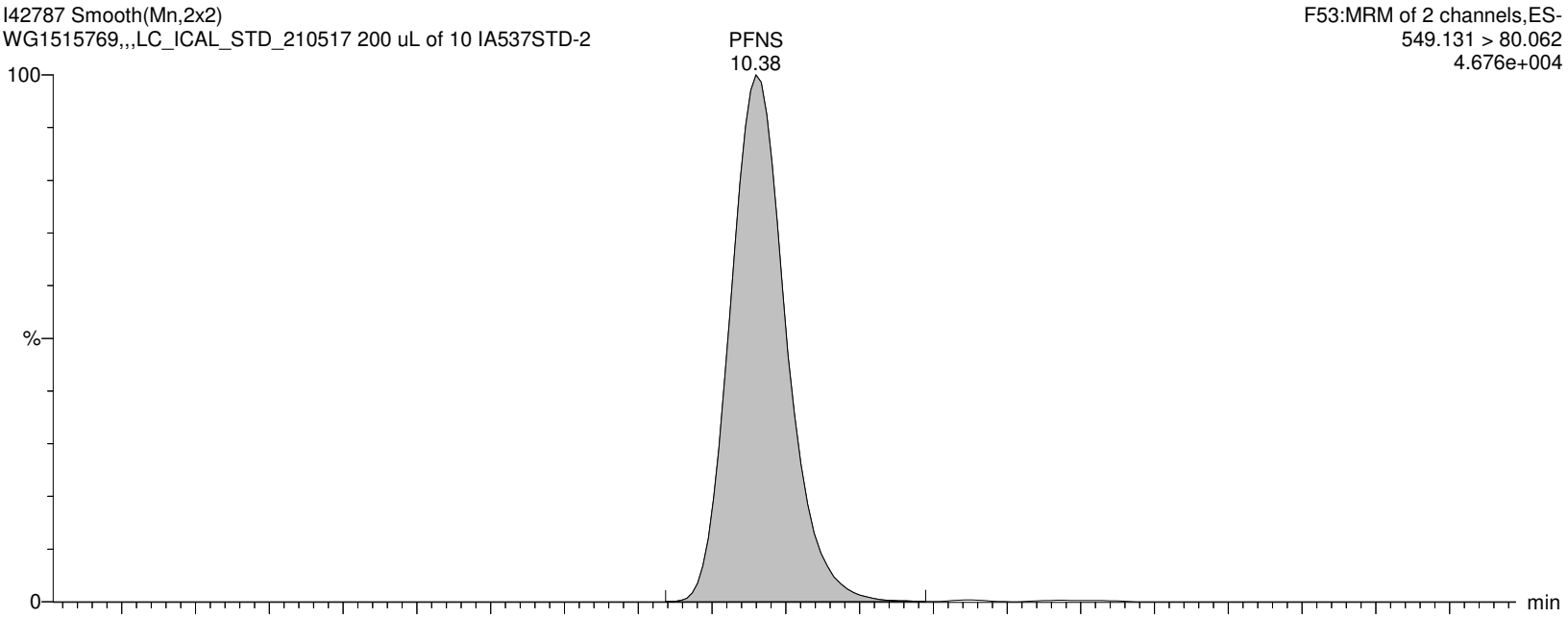


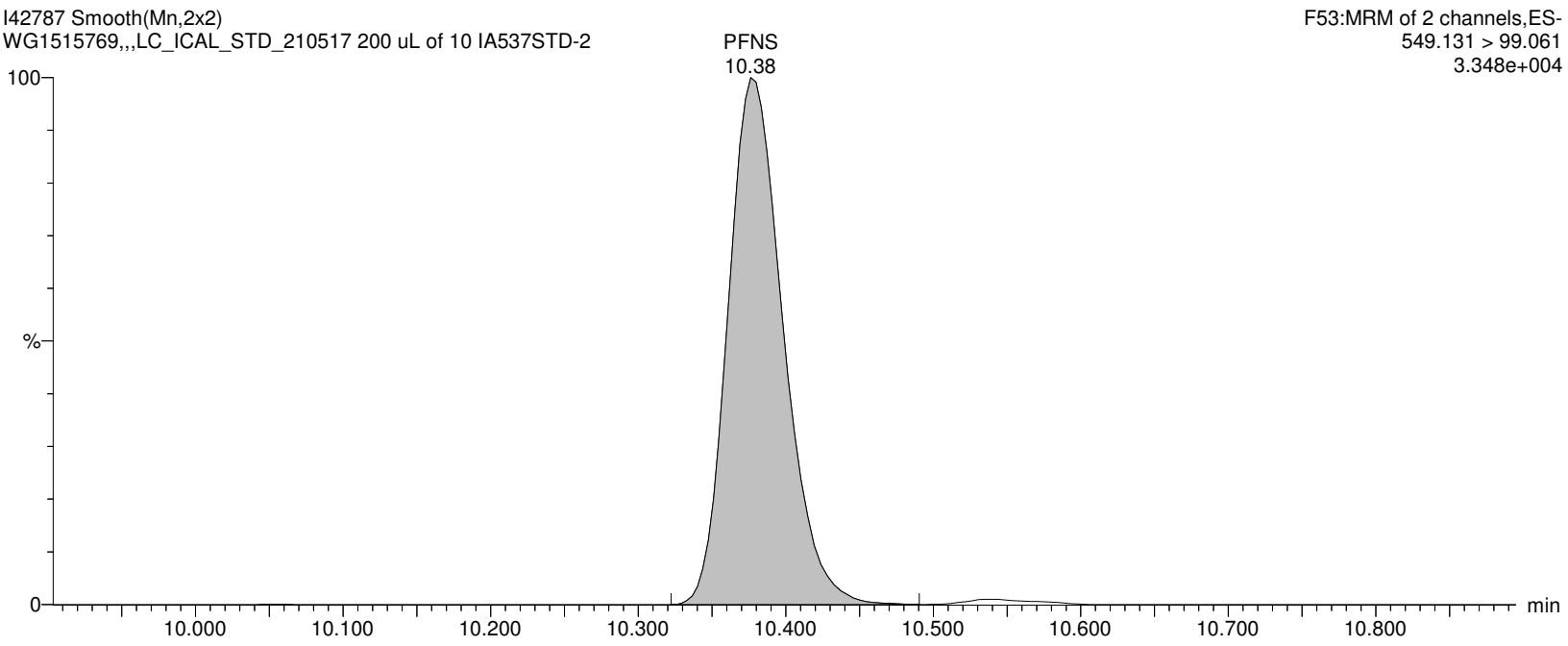
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNS



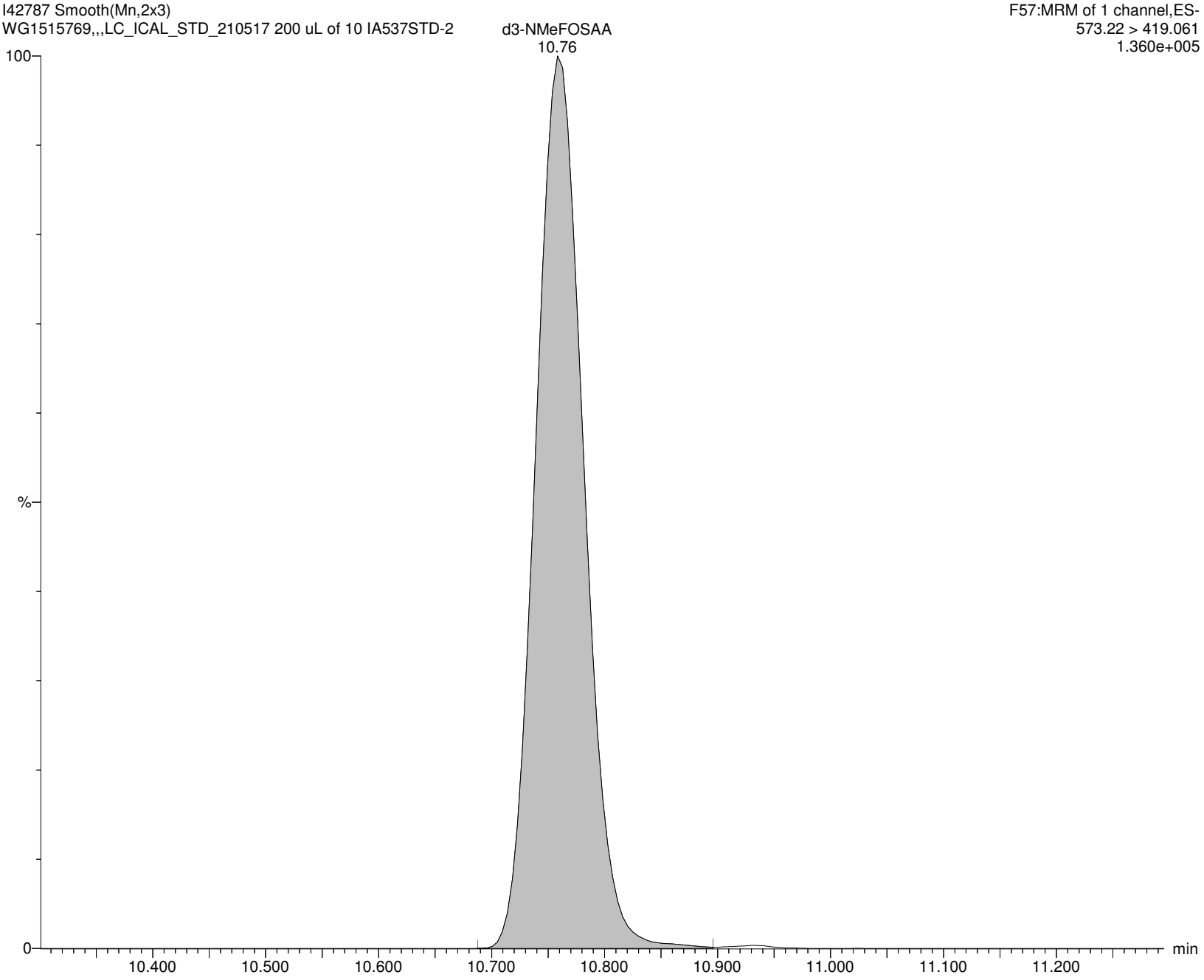


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSAA

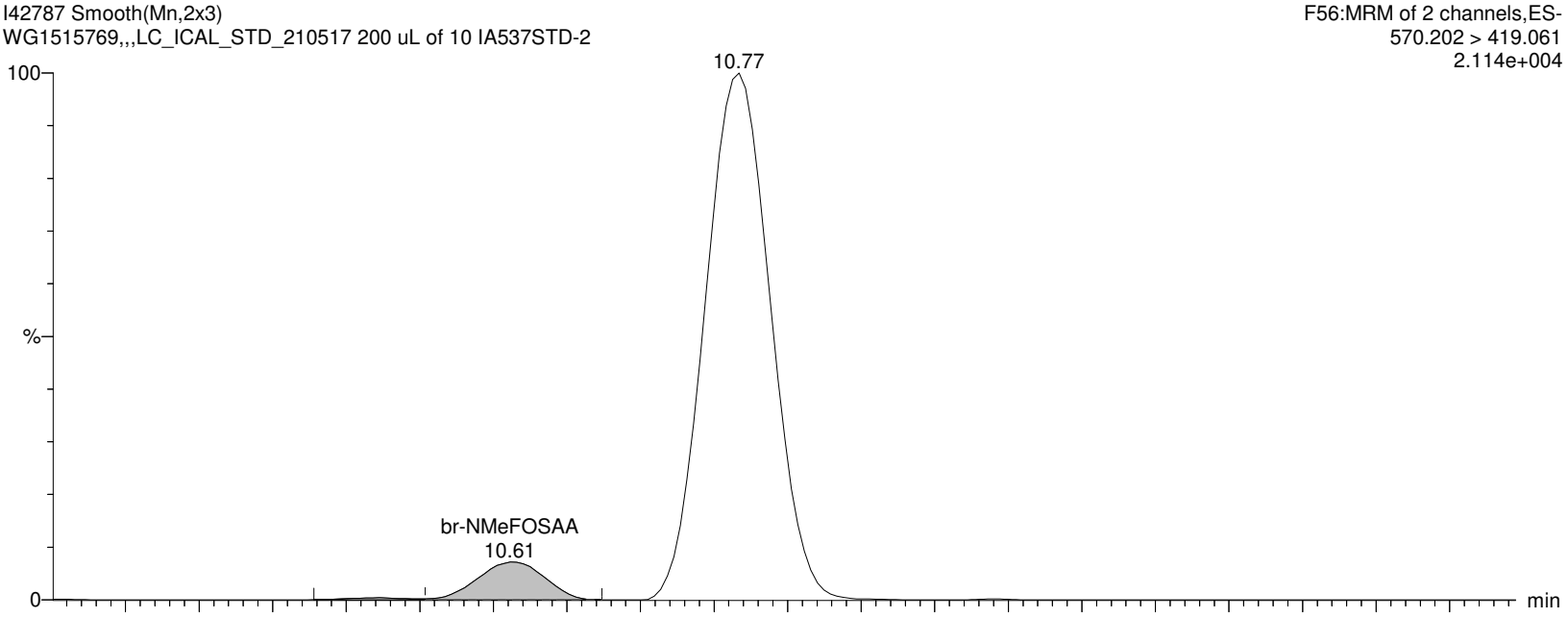


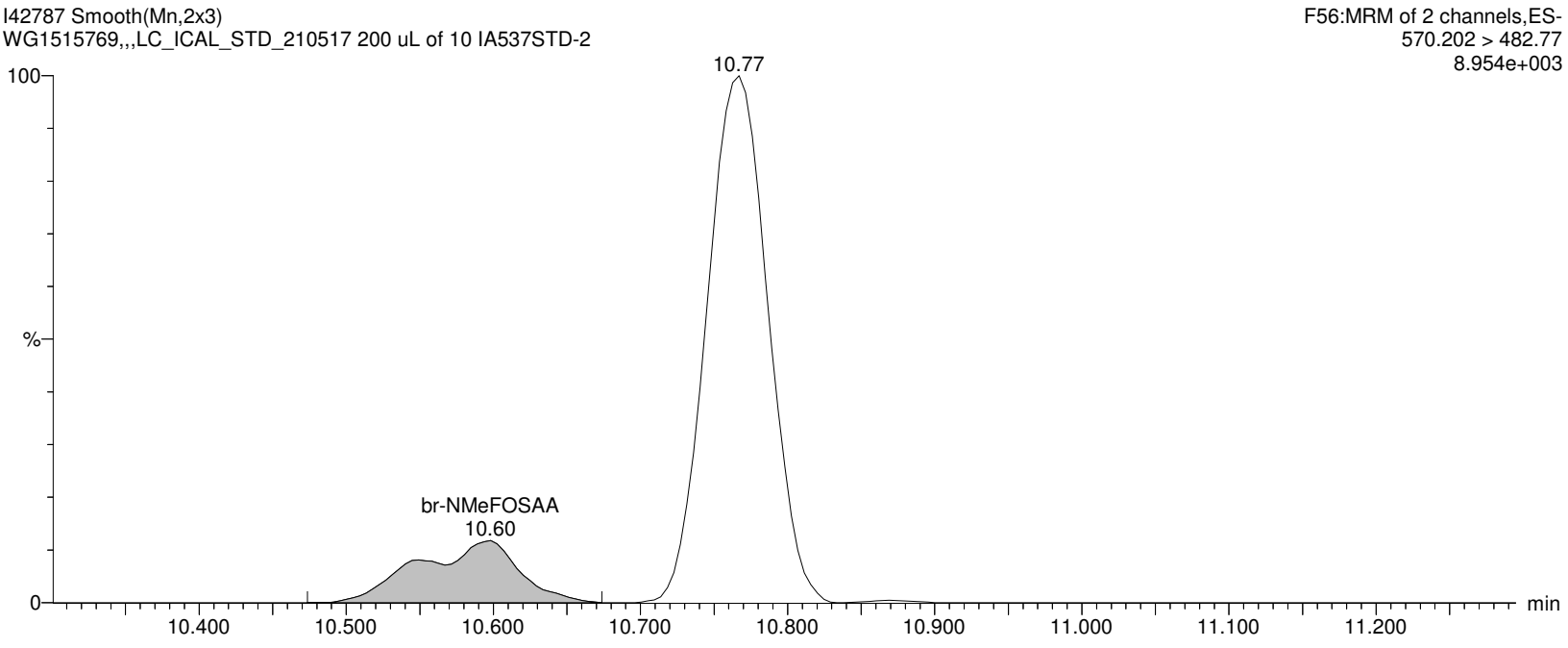
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NMeFOSAA



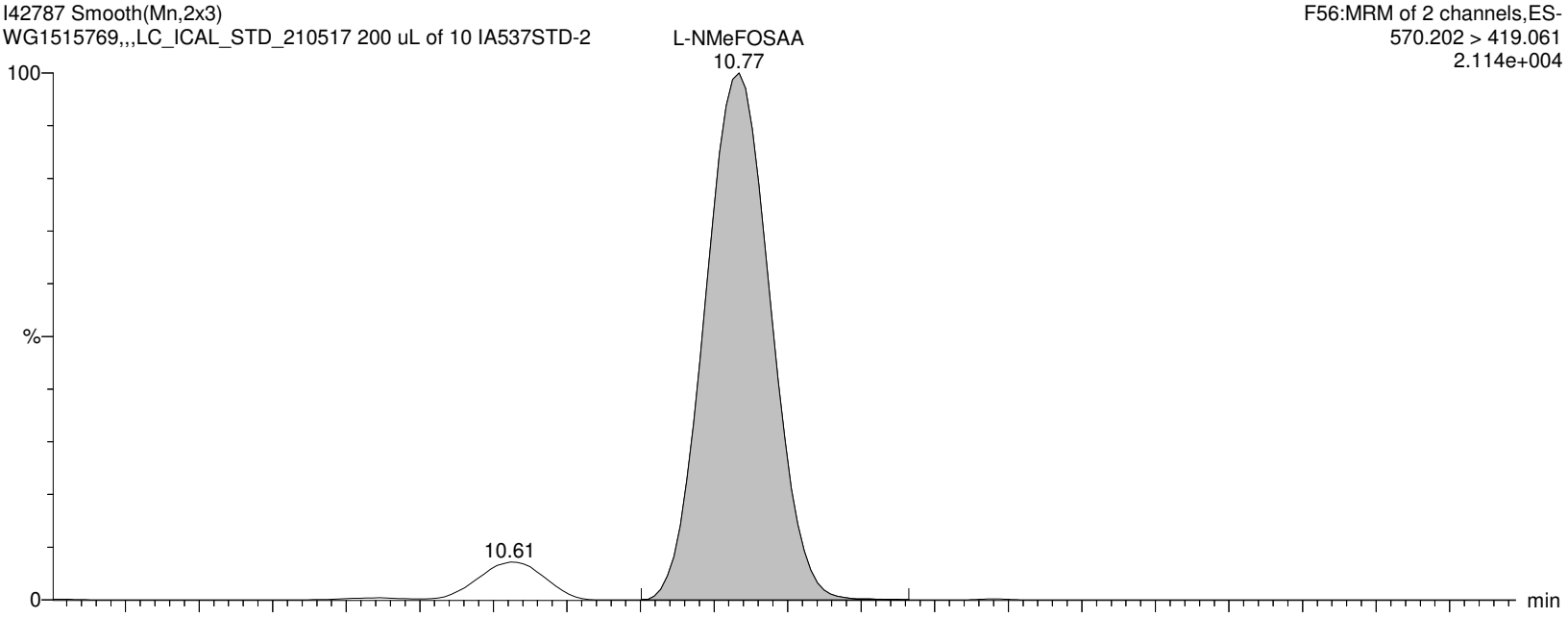


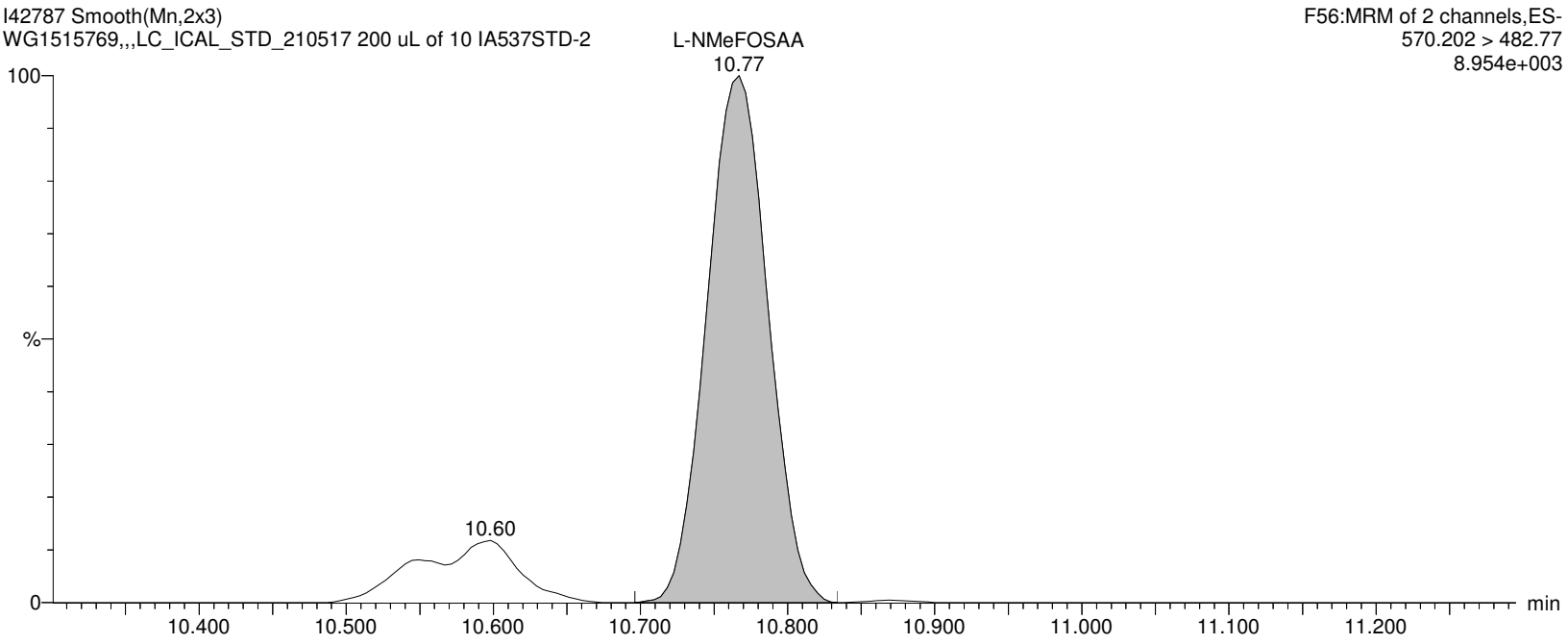
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NMeFOSAA



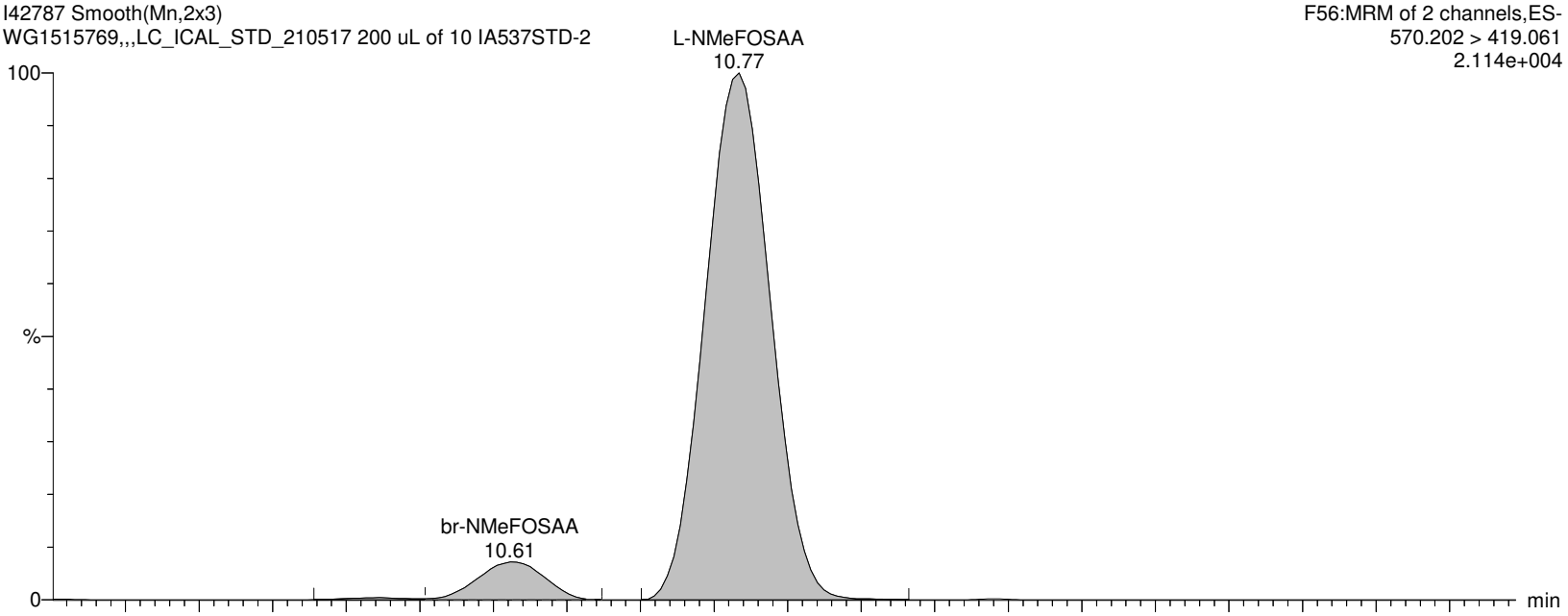


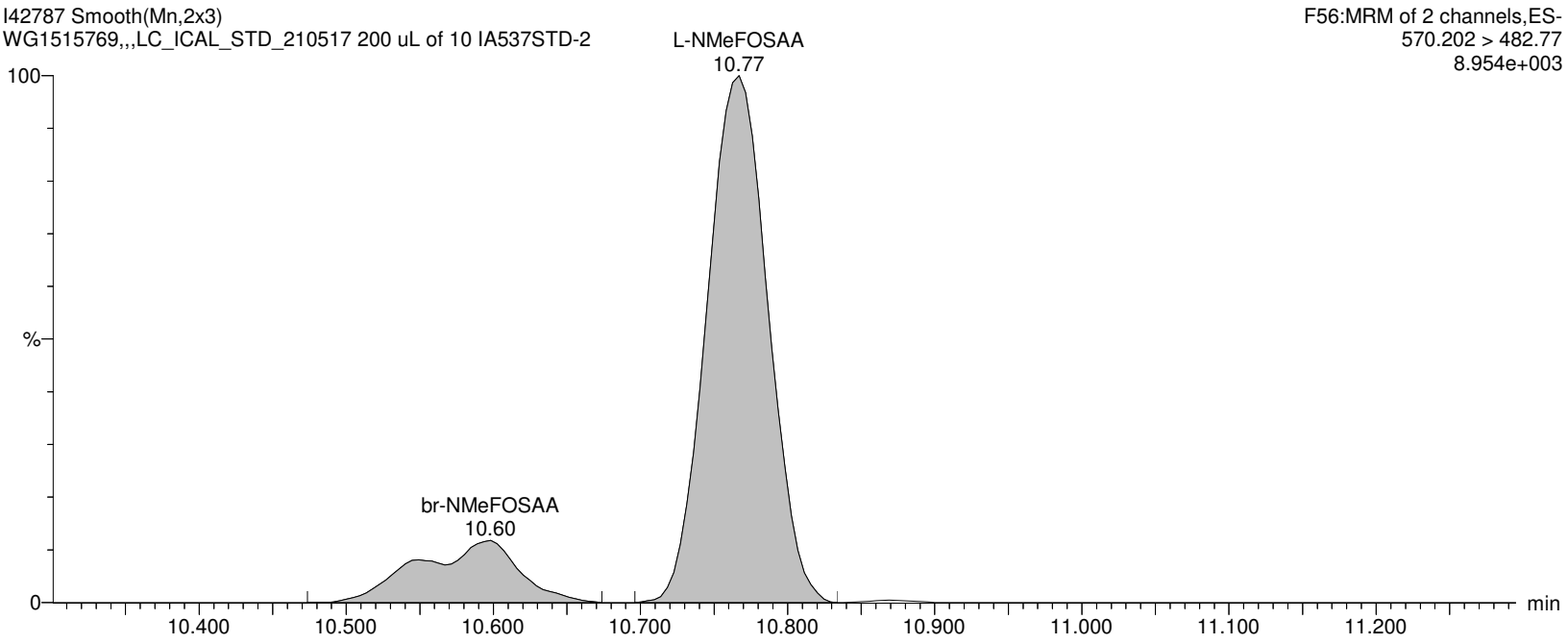
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSAA



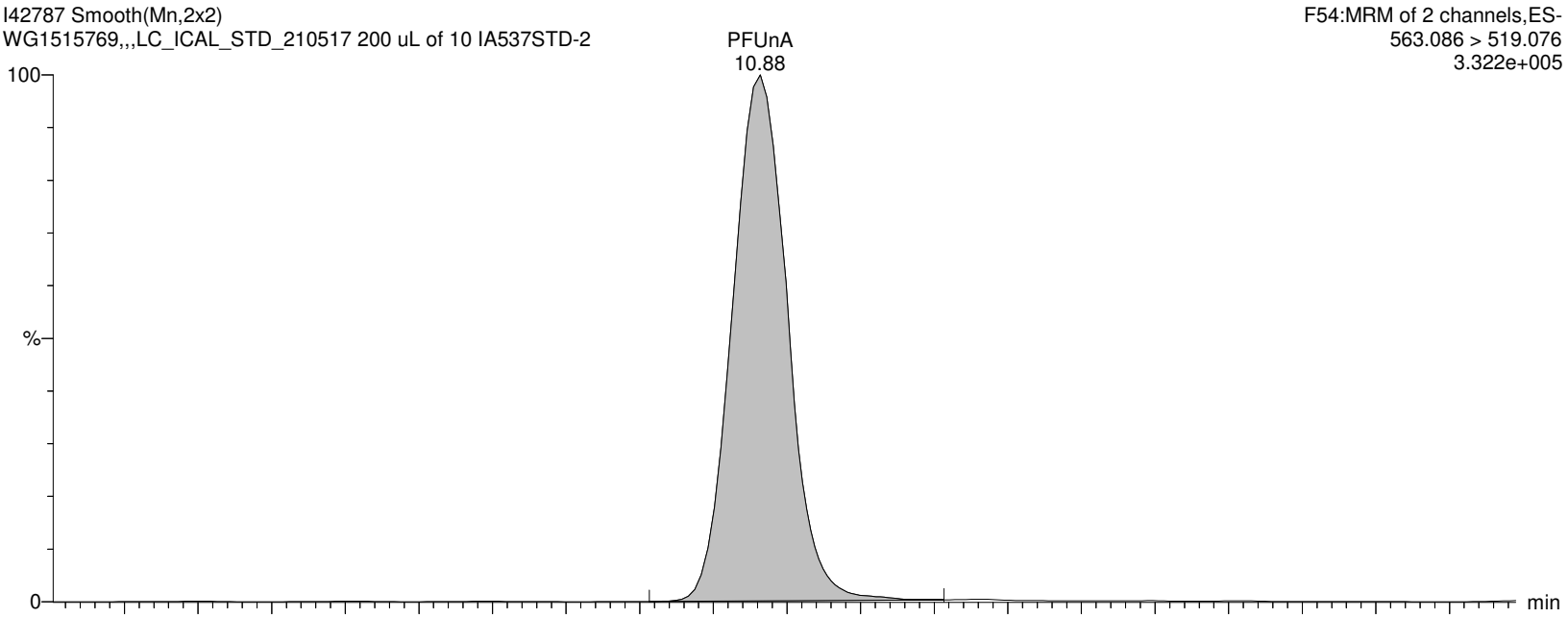


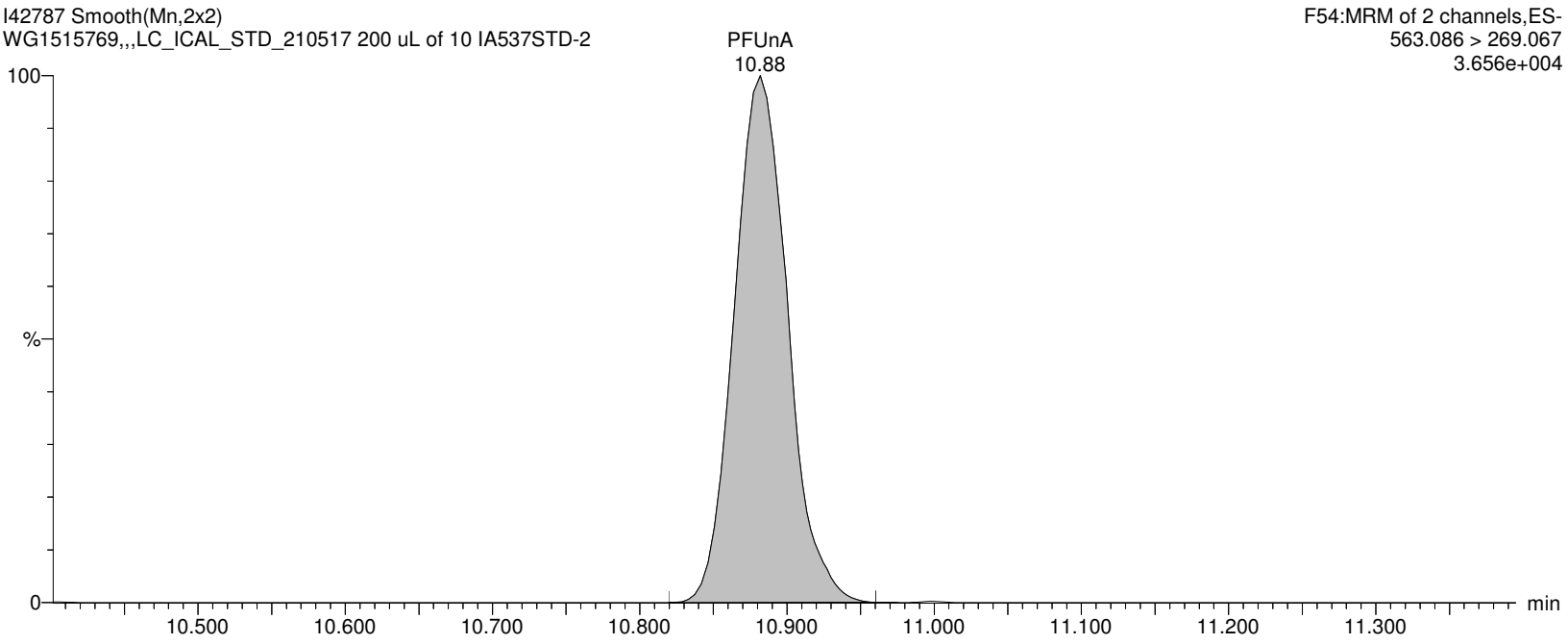
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFUnA



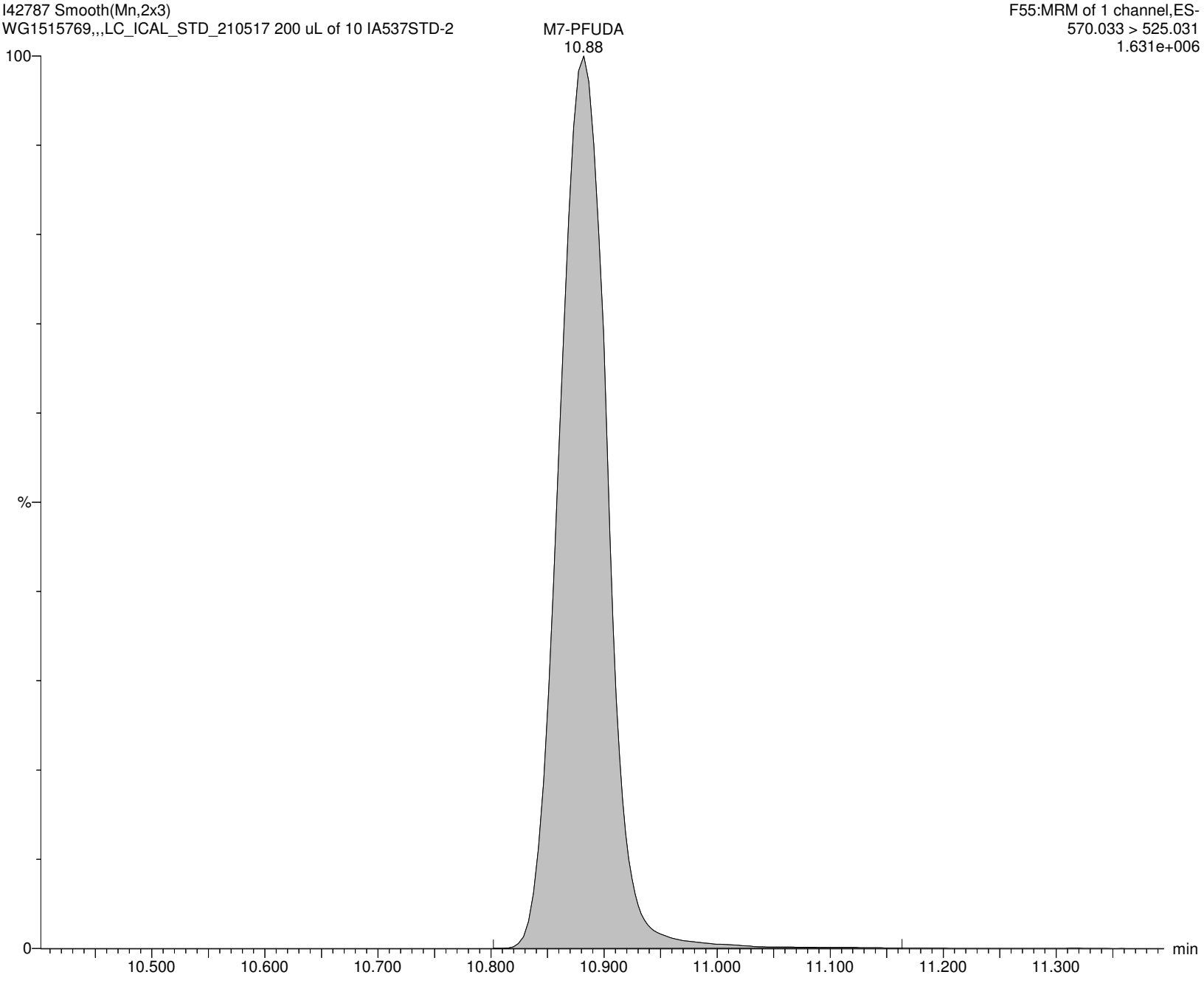


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M7-PFUDA

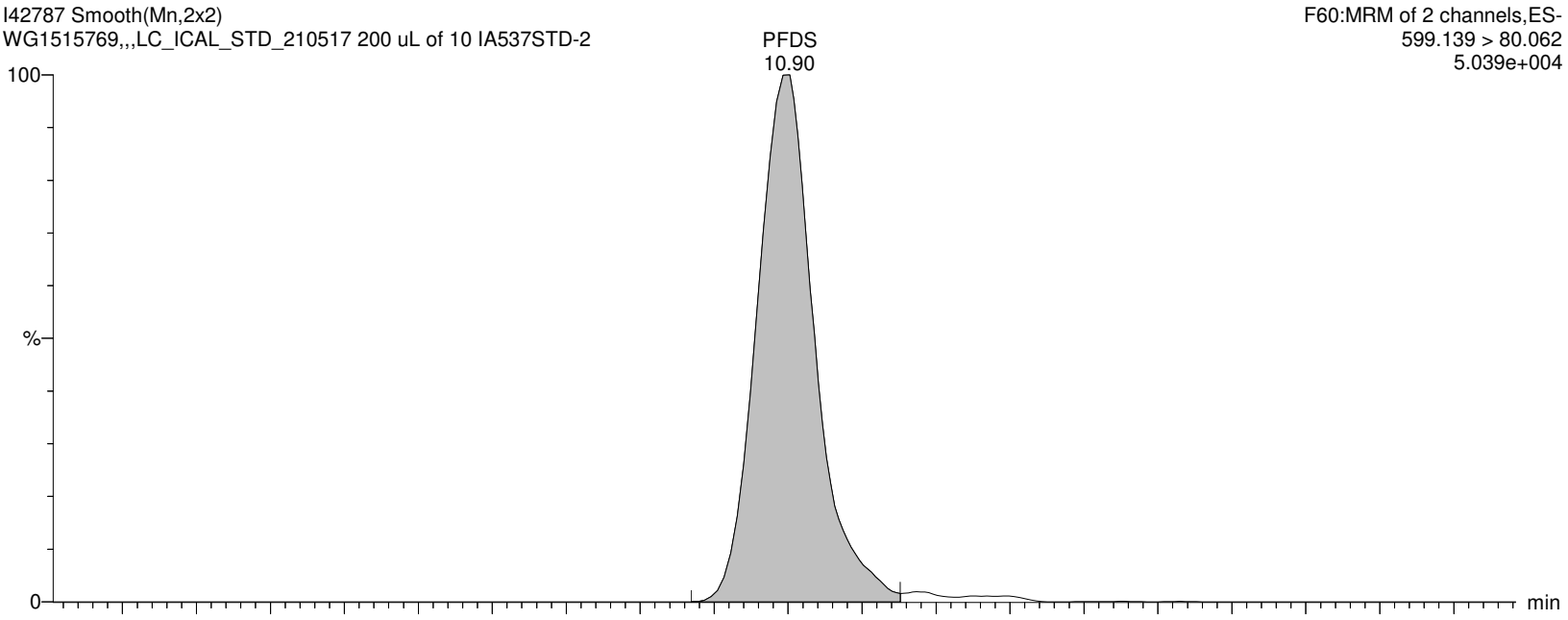


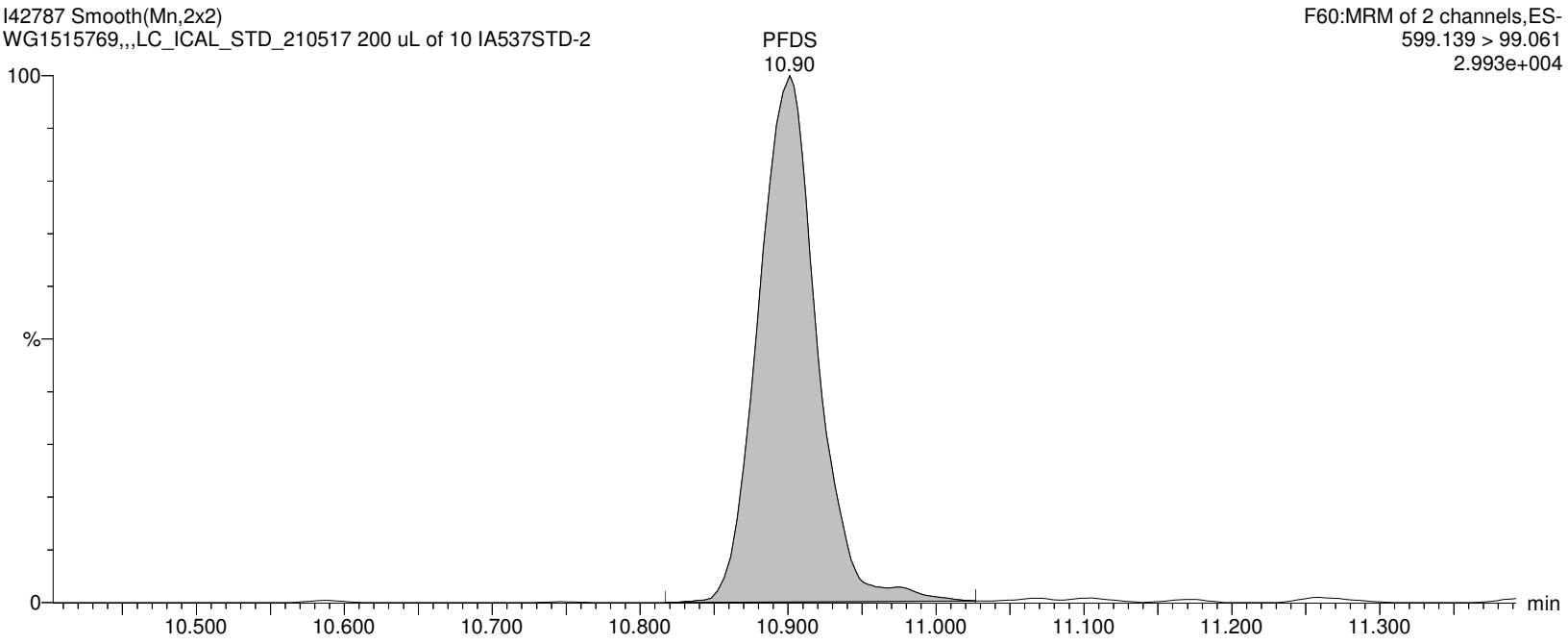
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDS



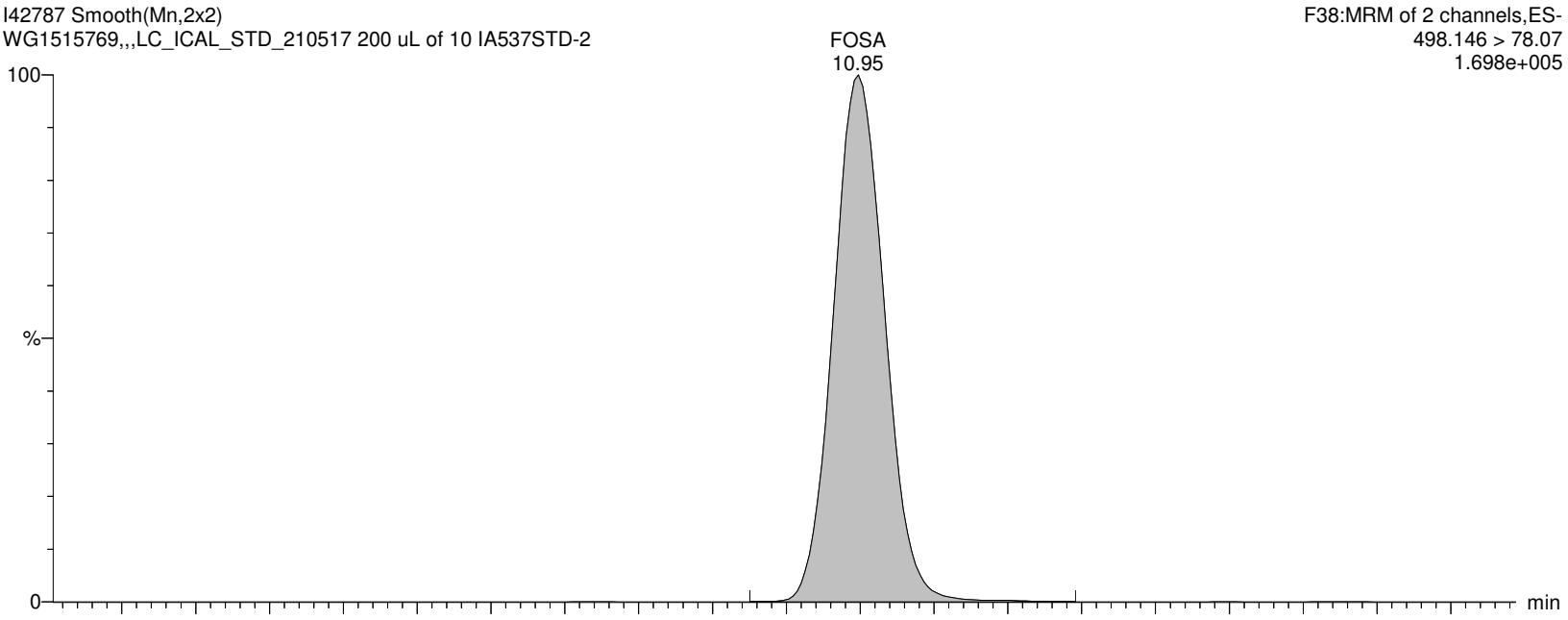


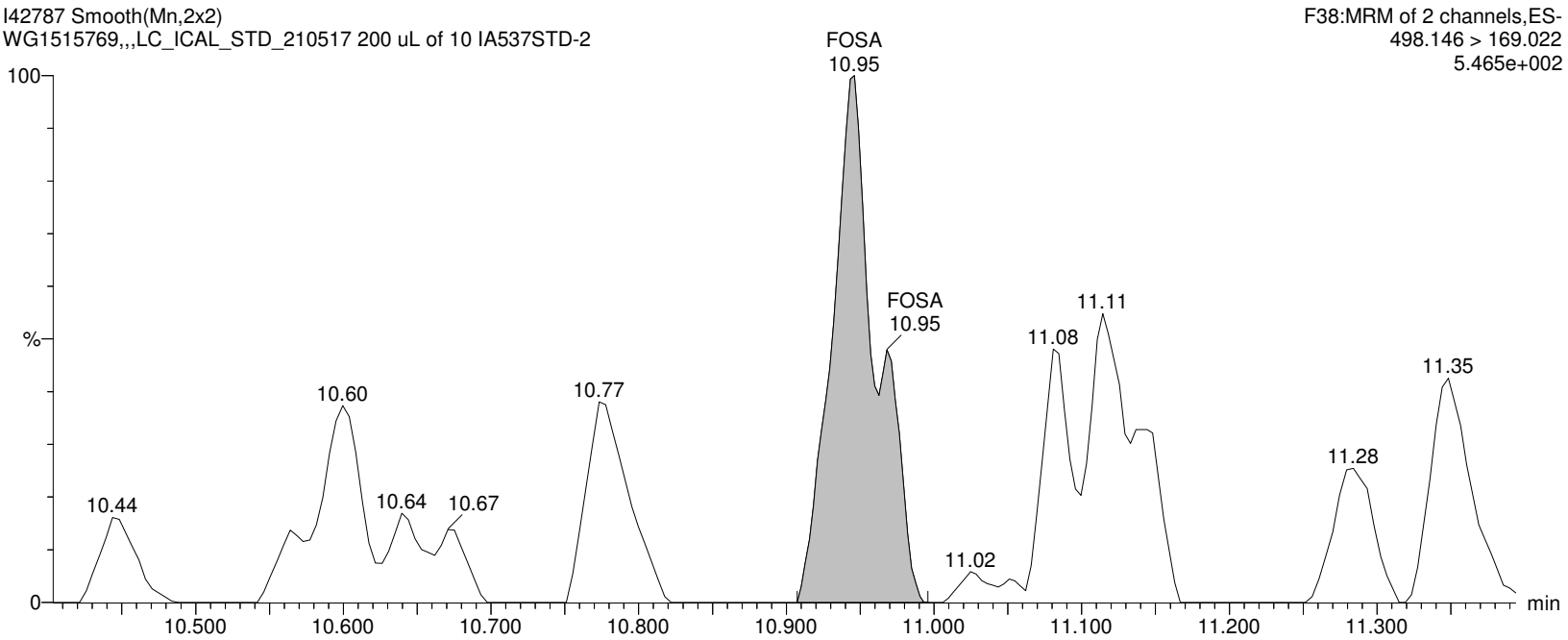
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

FOSA



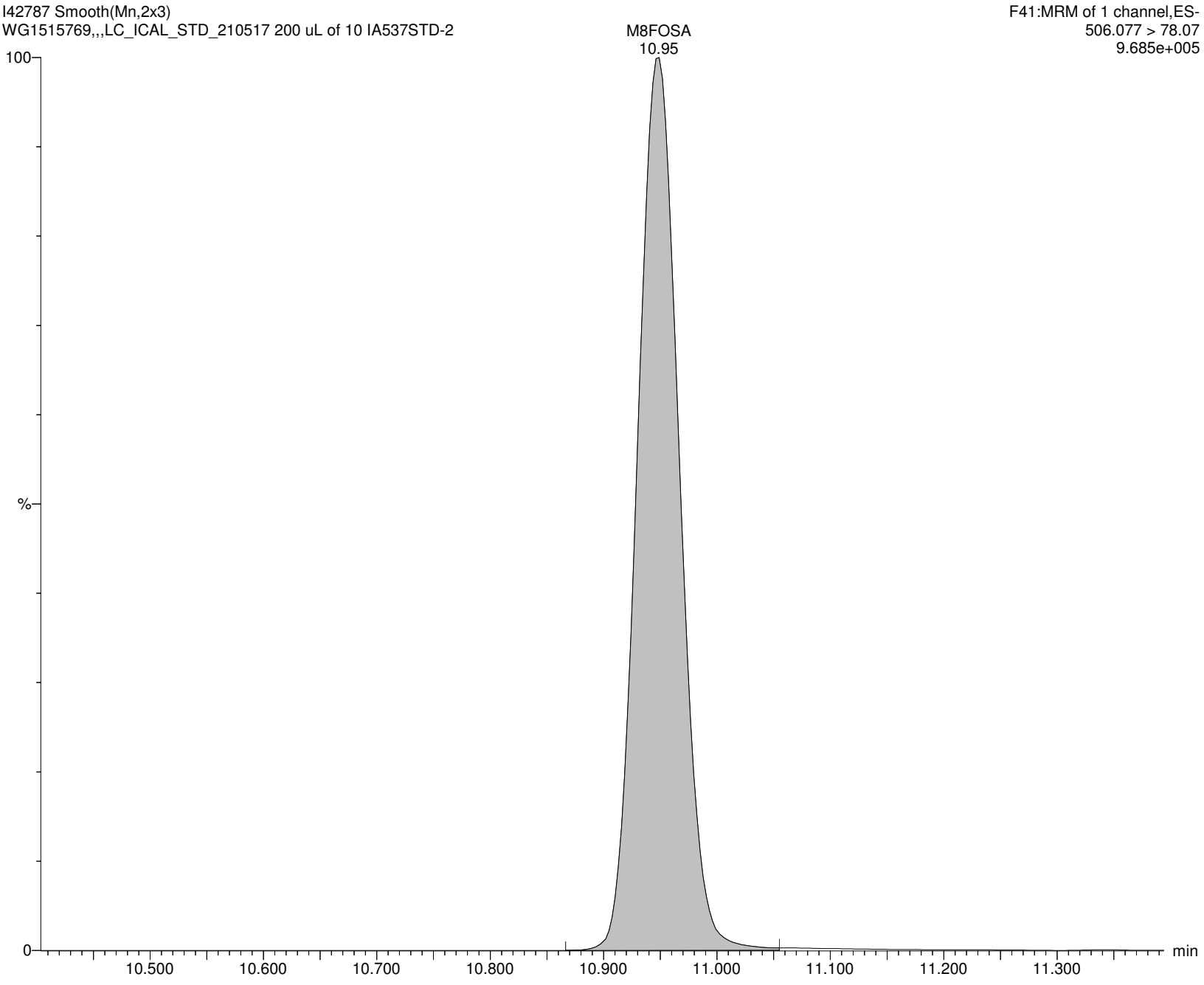


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8FOSA

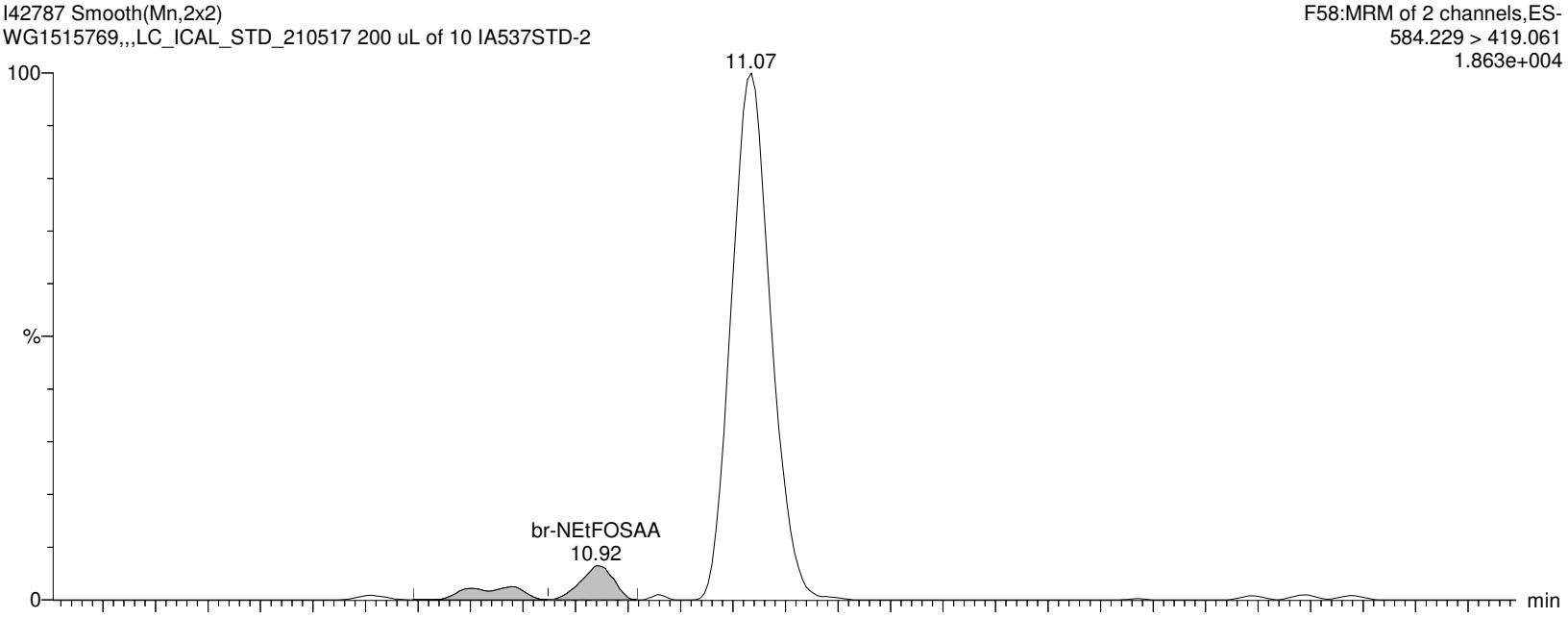


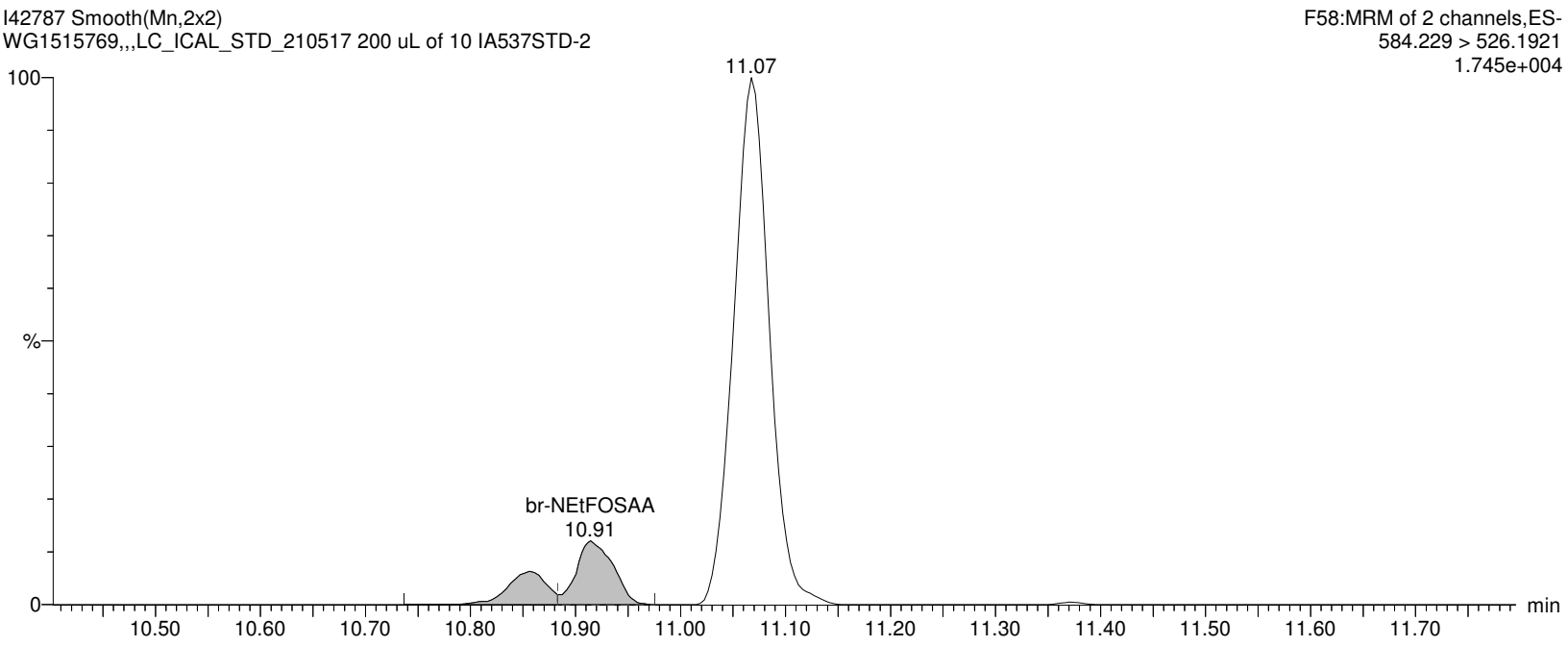
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NEtFOSAA



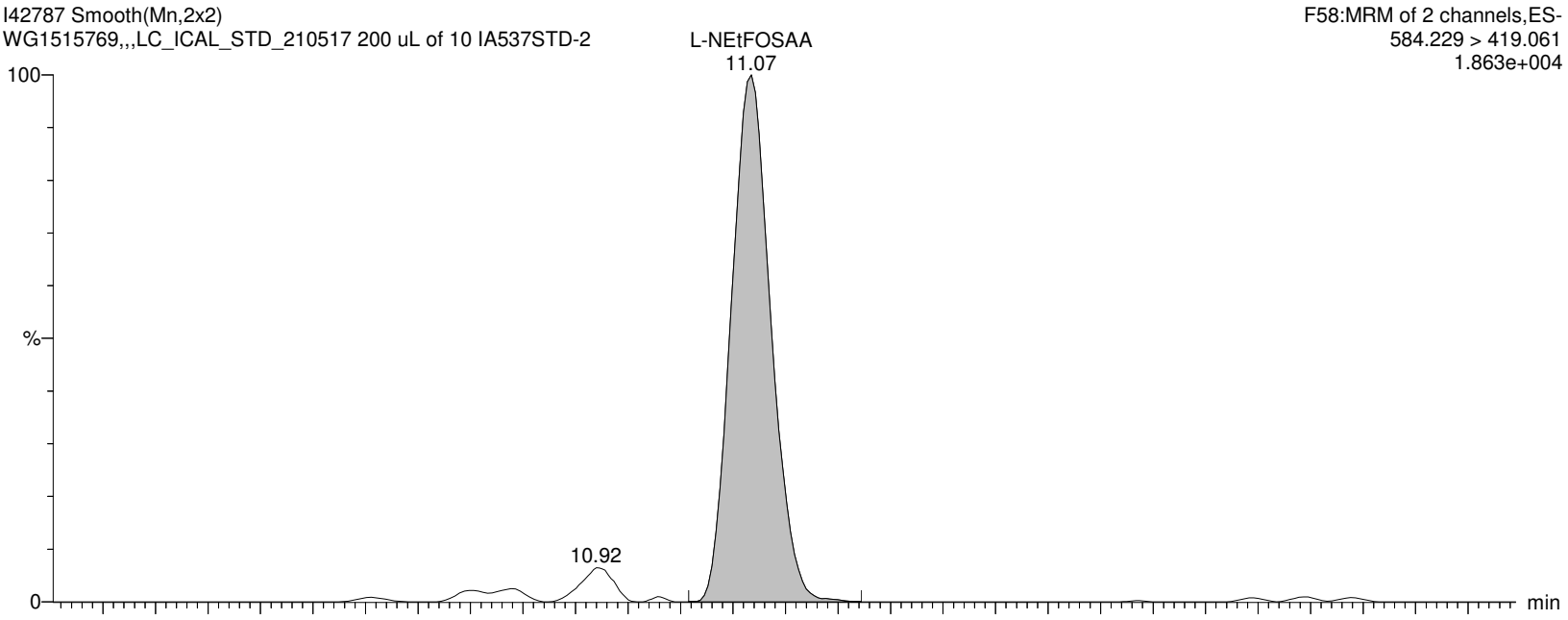


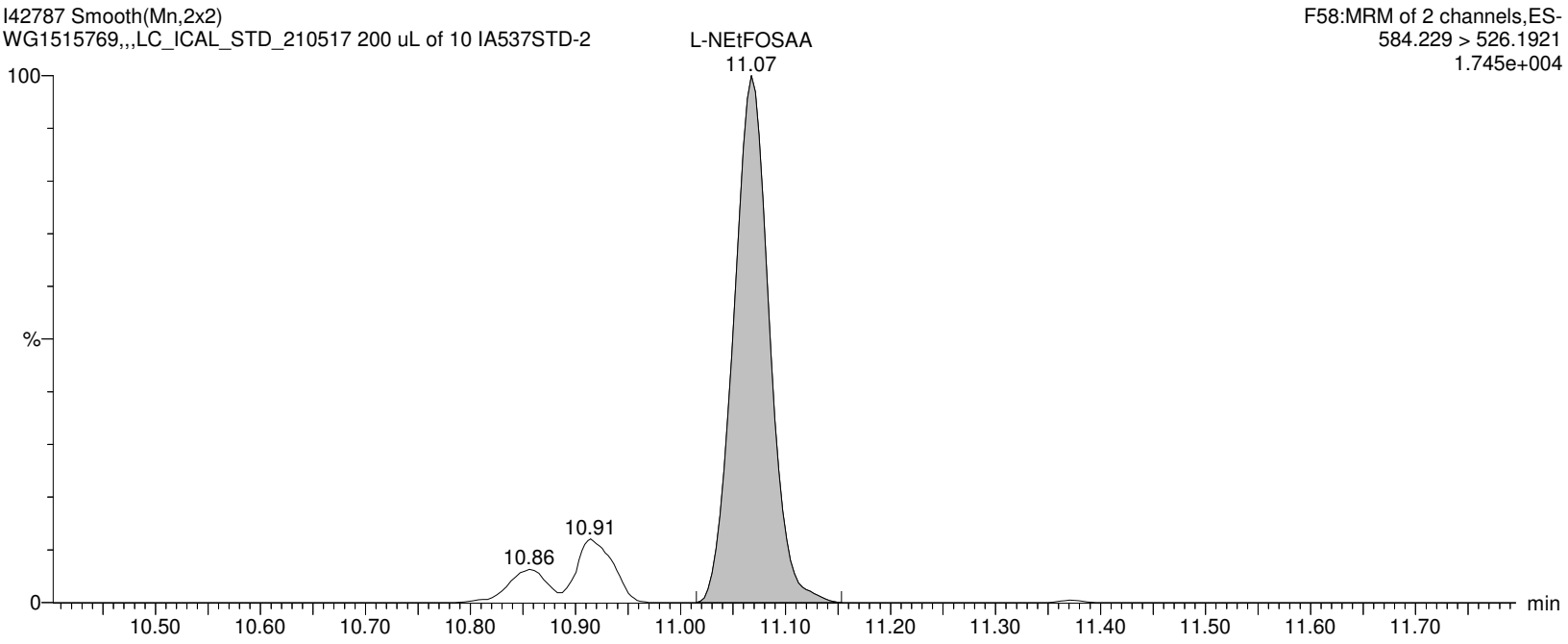
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NEtFOSAA



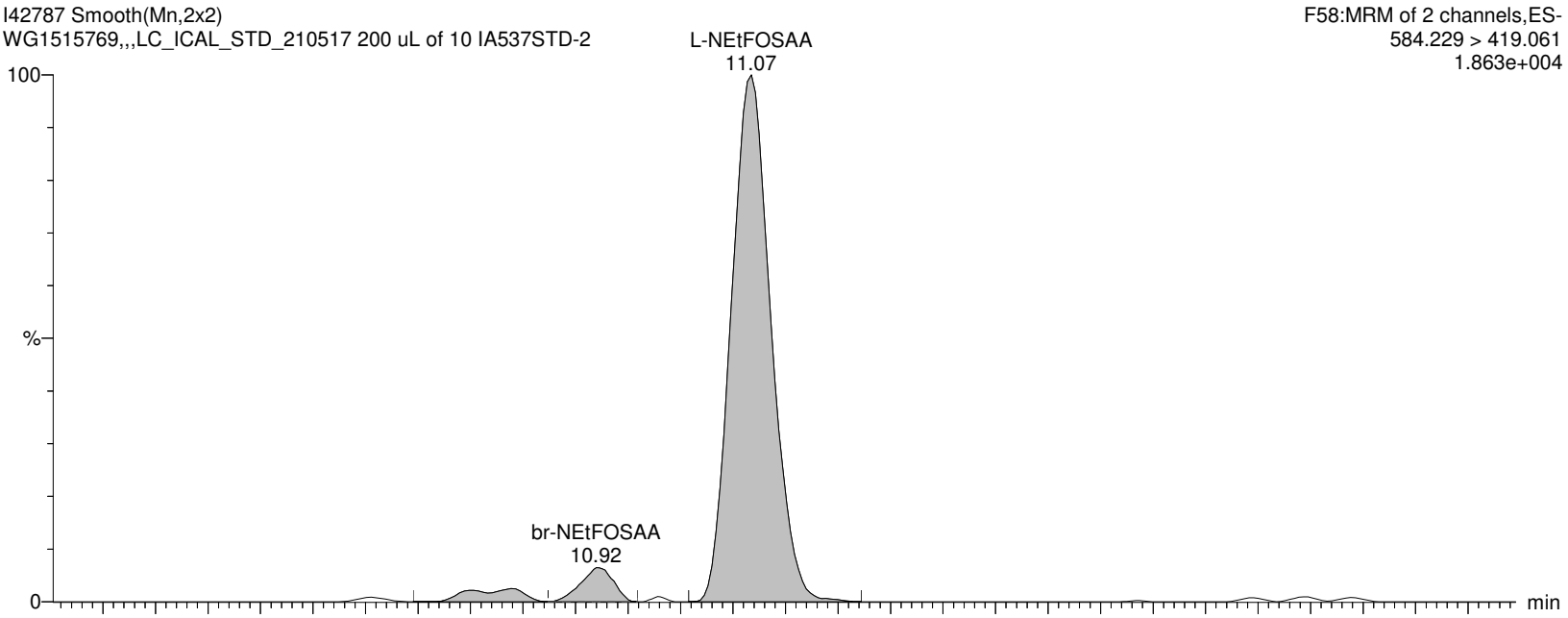


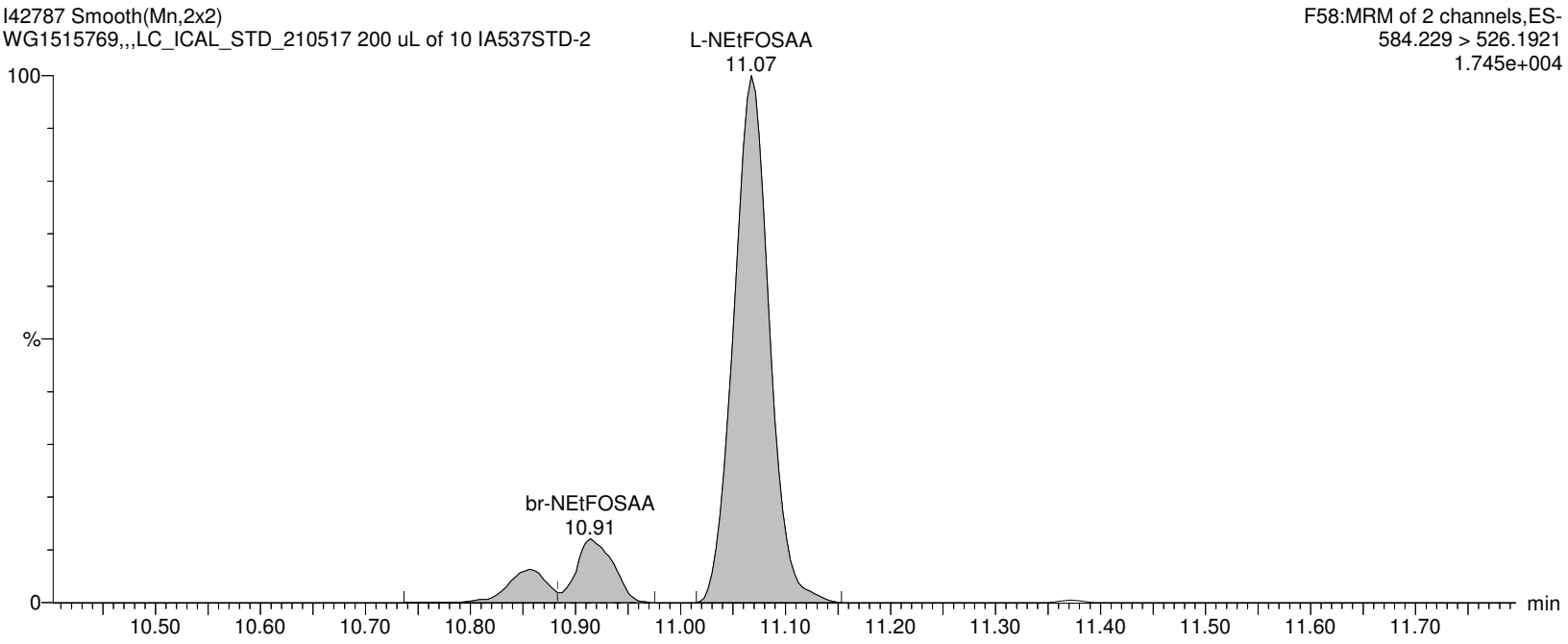
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSAA



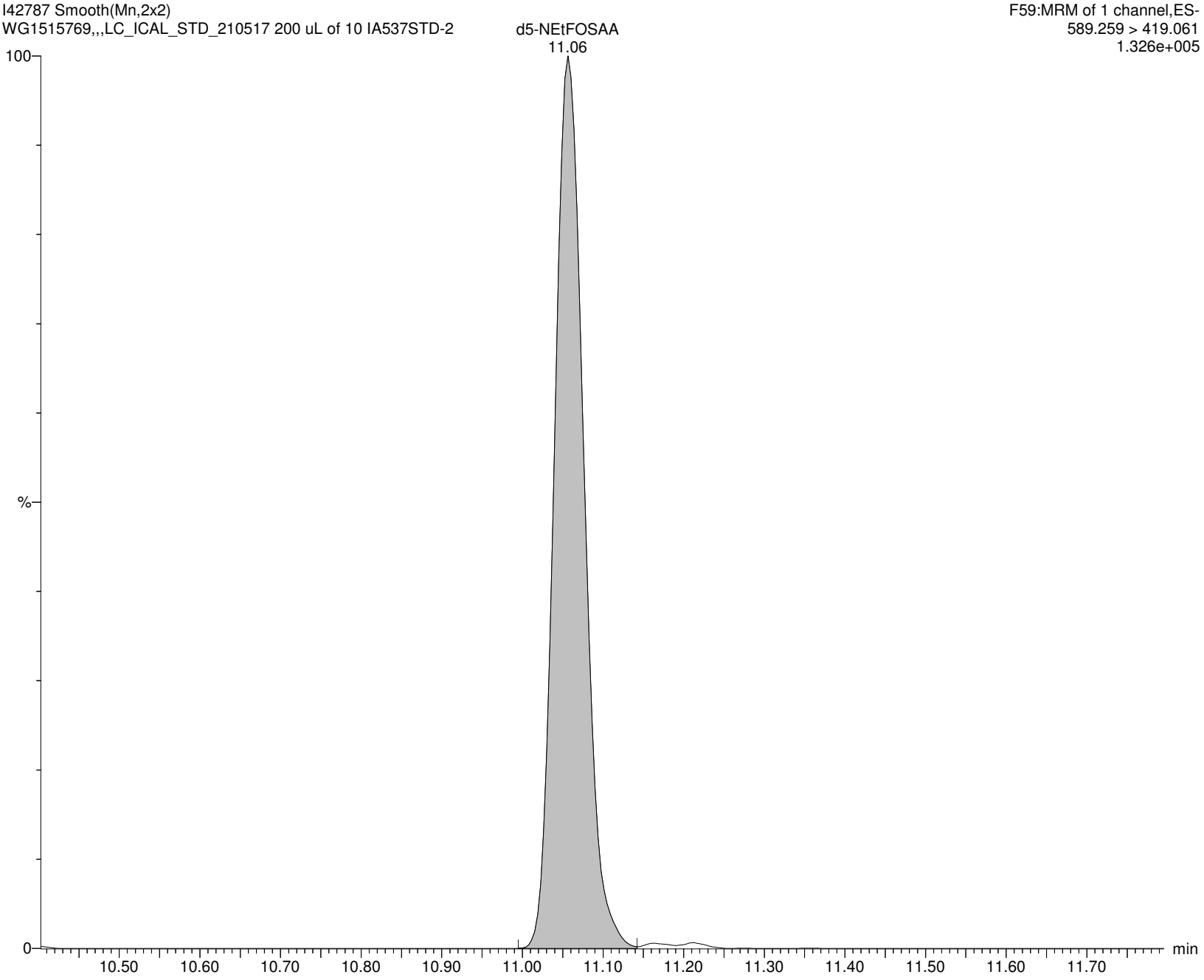


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSAA

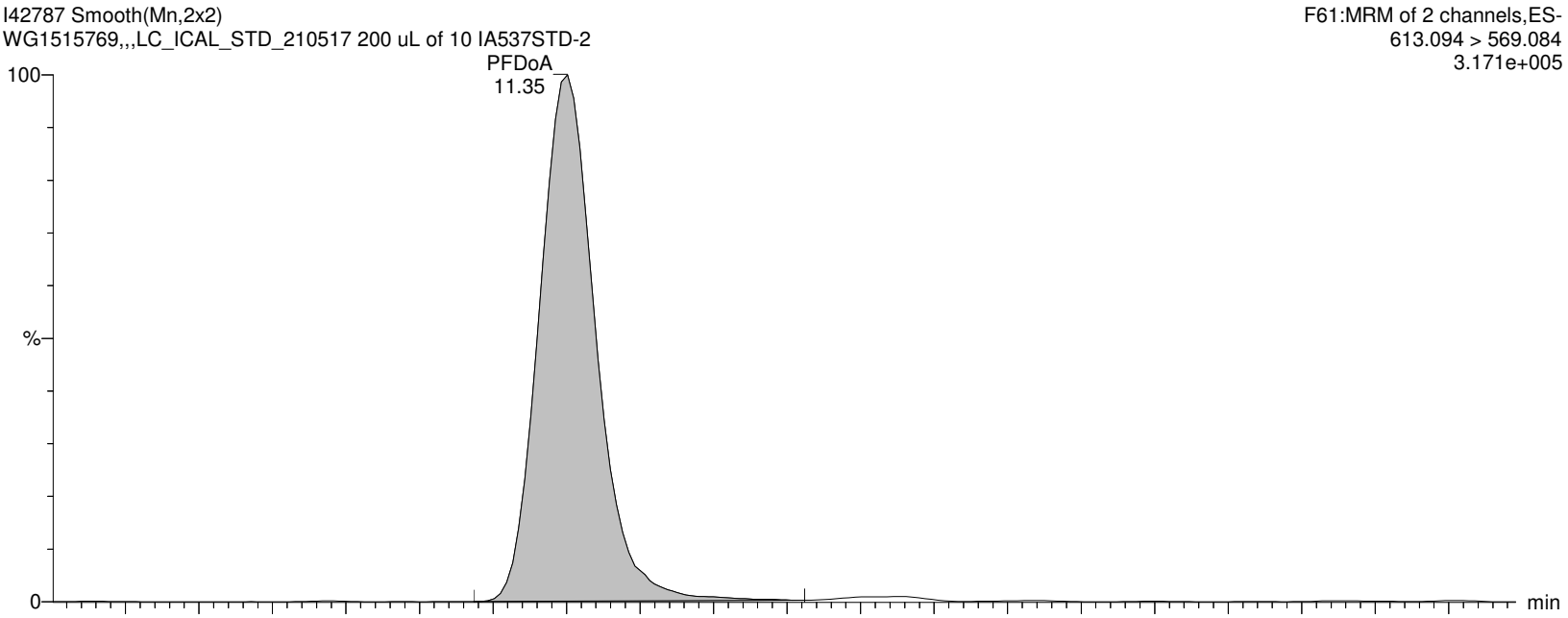


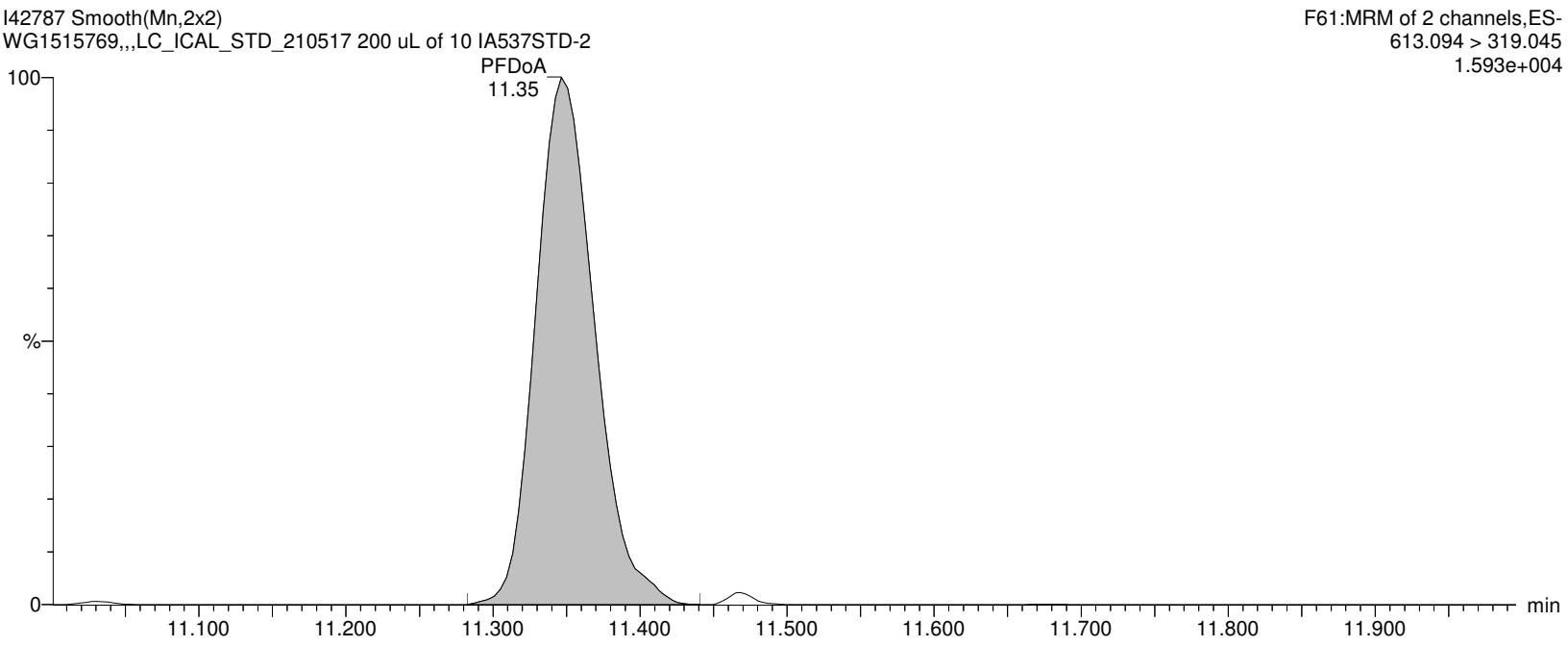
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoA



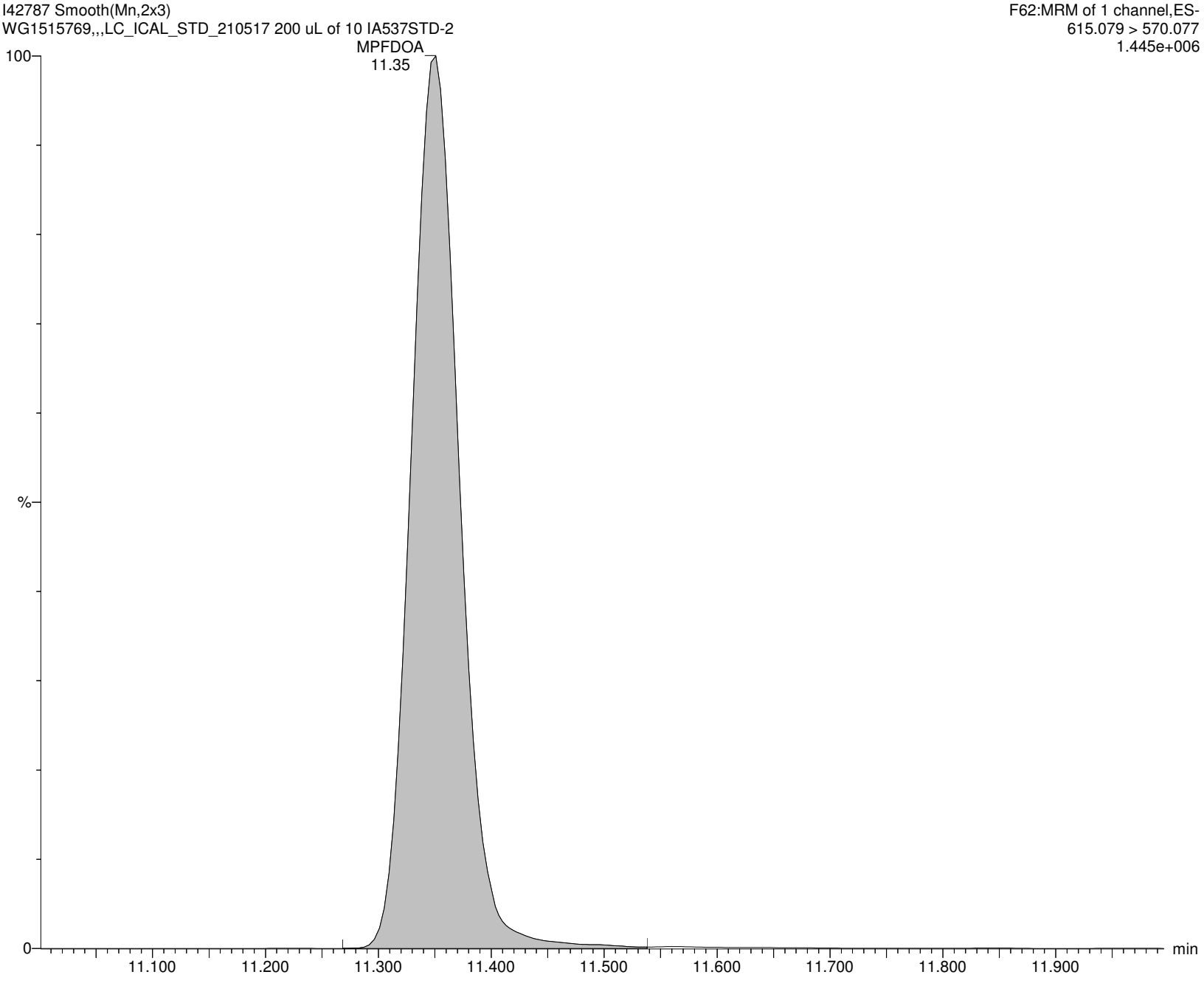


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFDOA

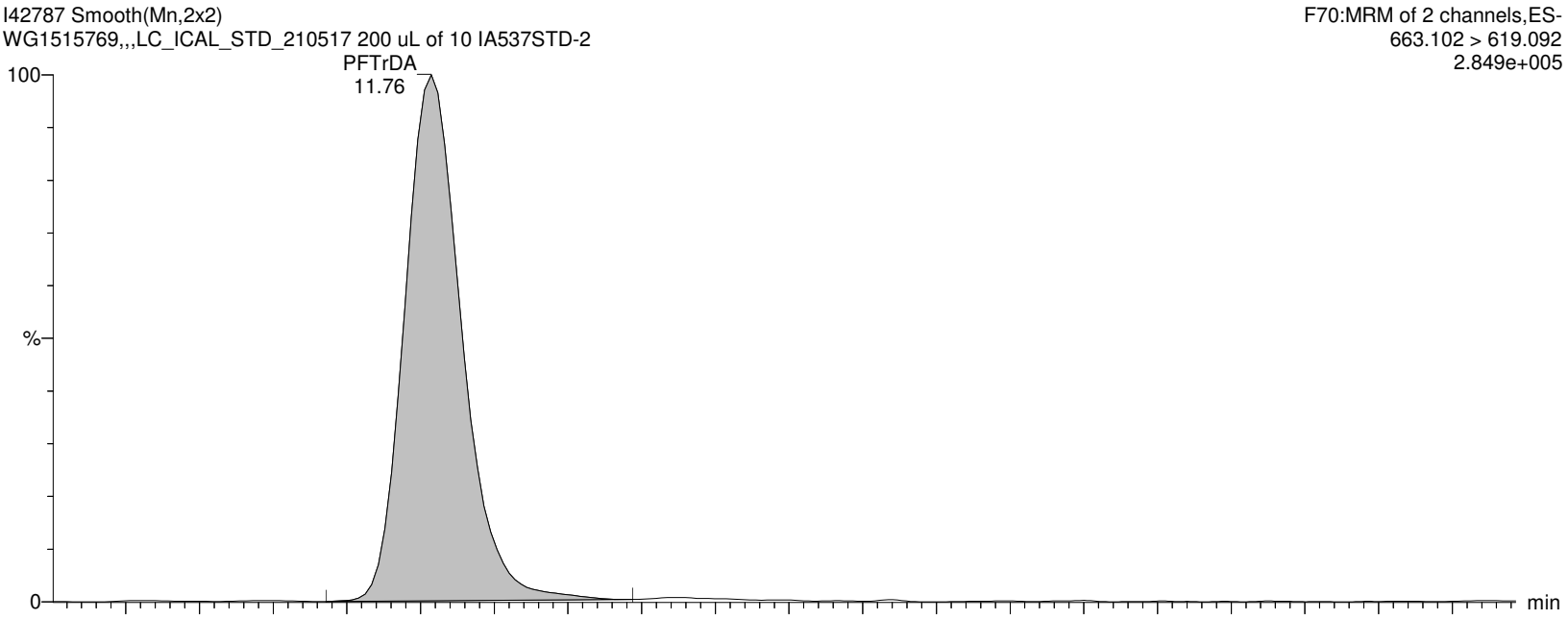


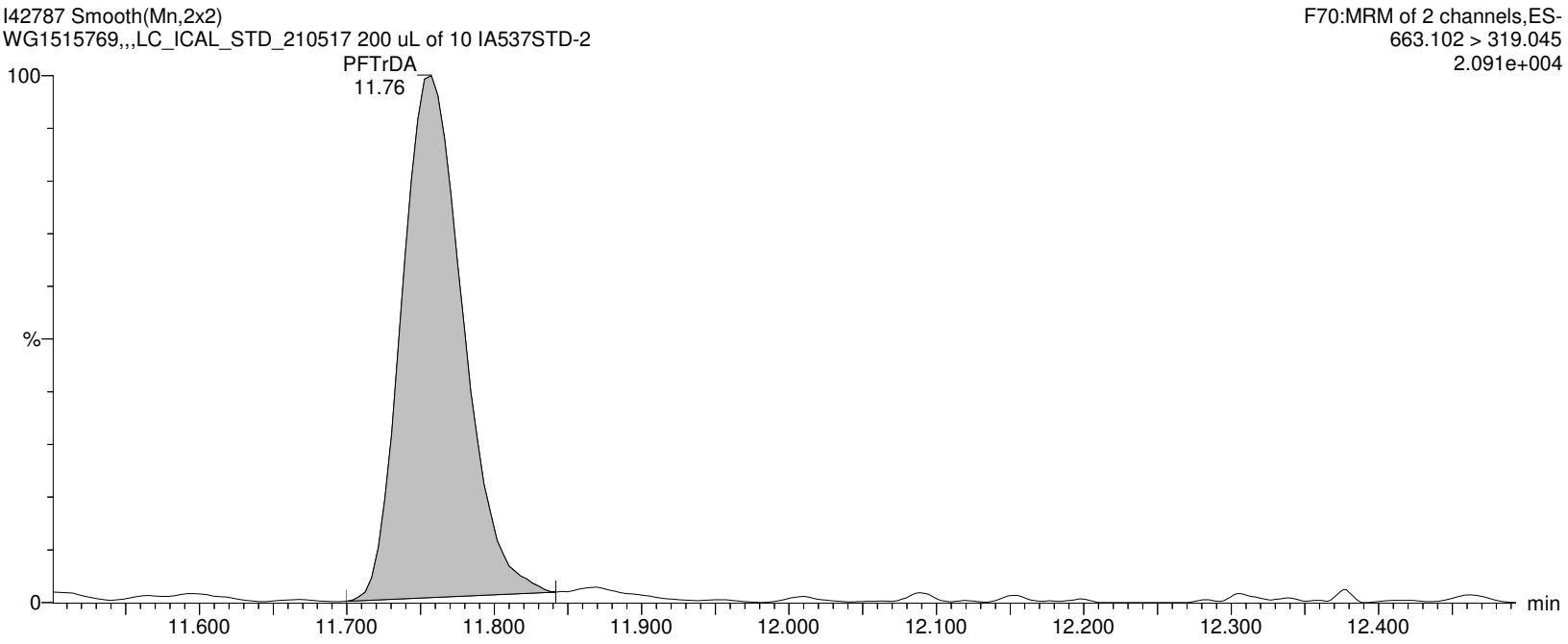
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTrDA



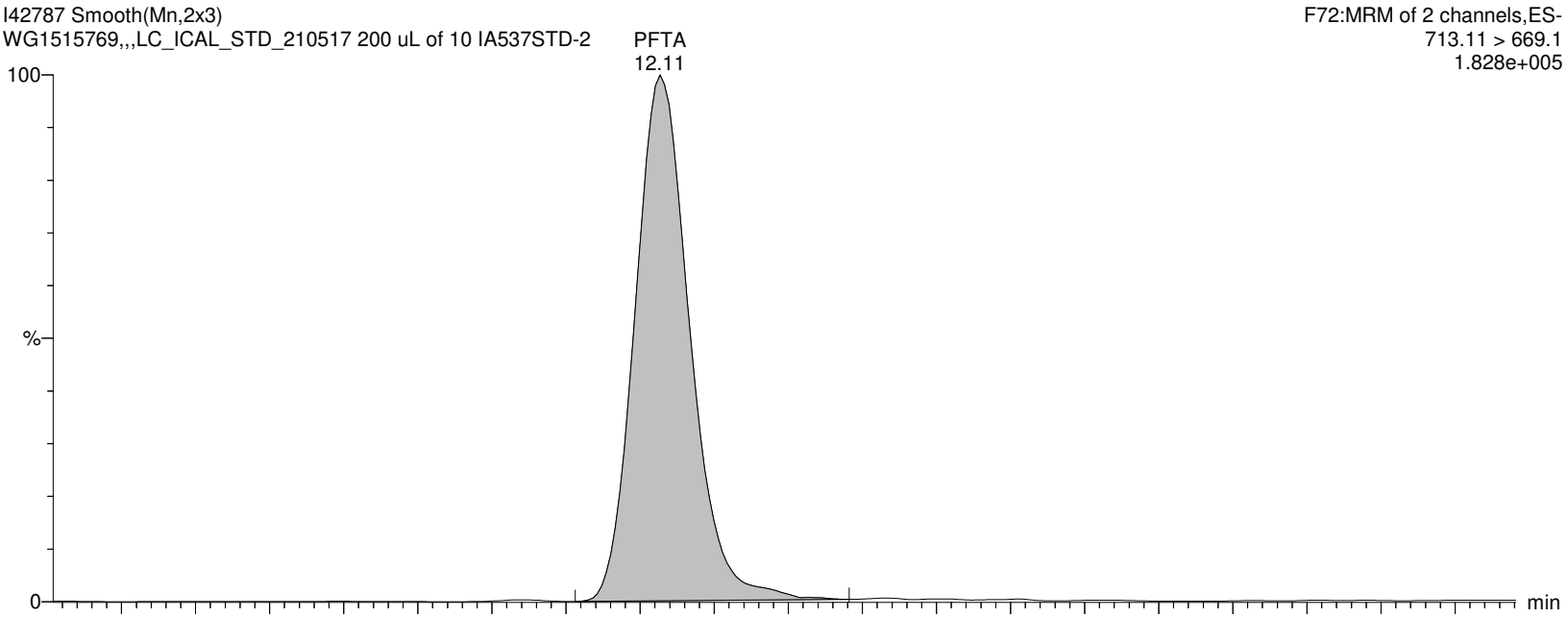


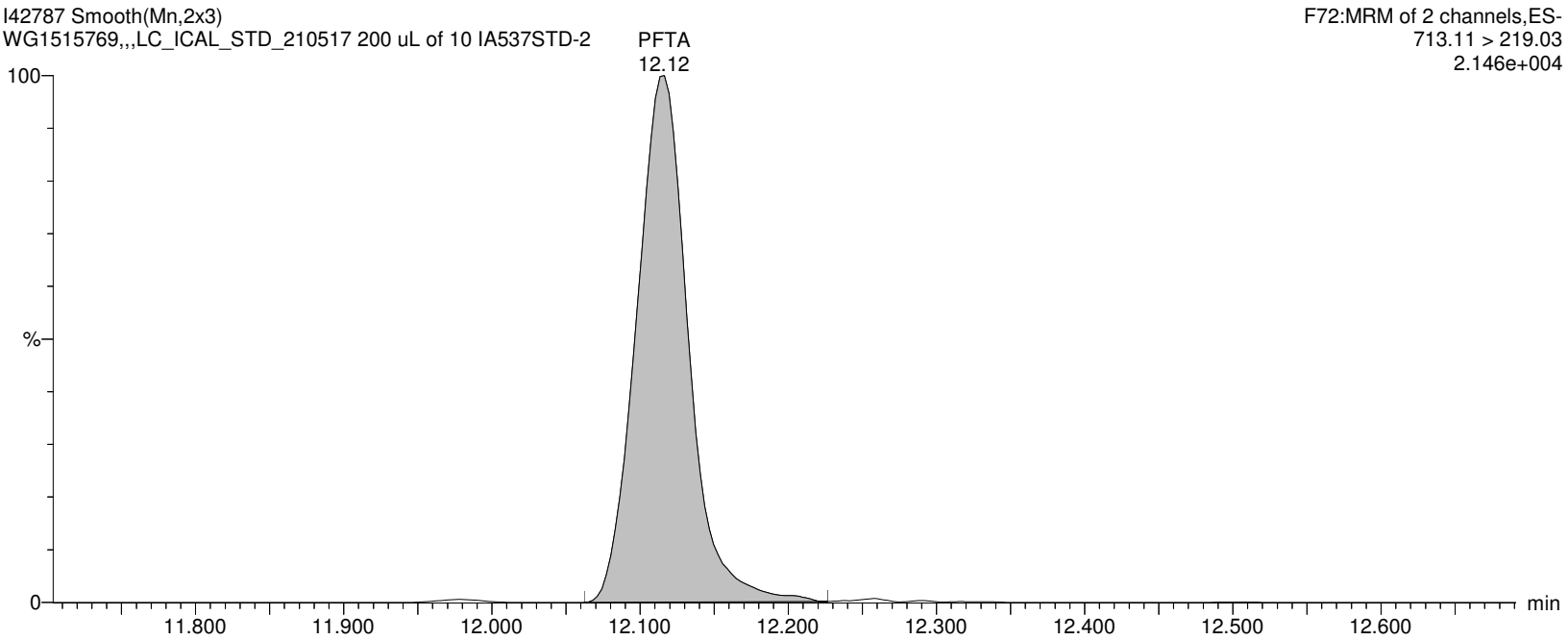
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTA



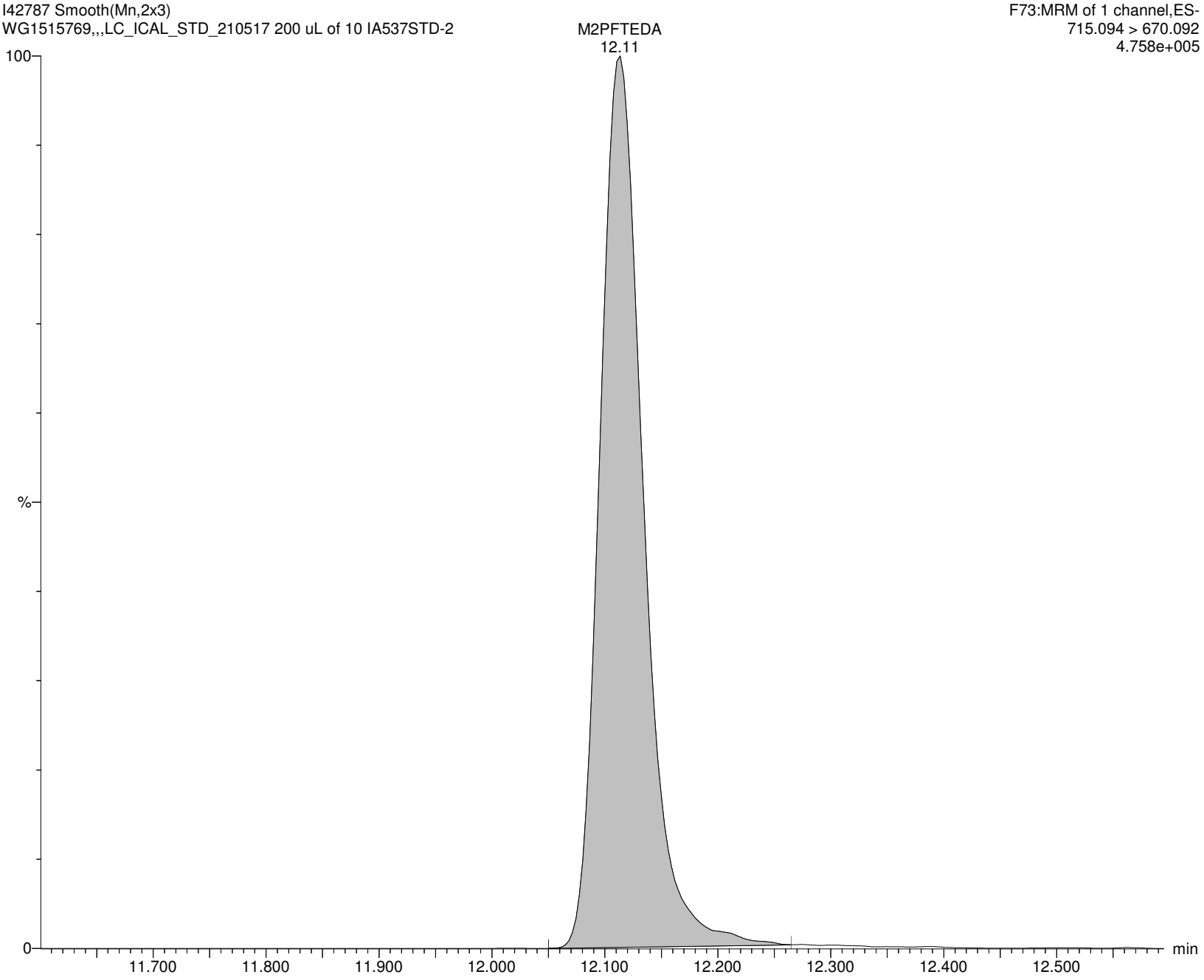


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFTEDA

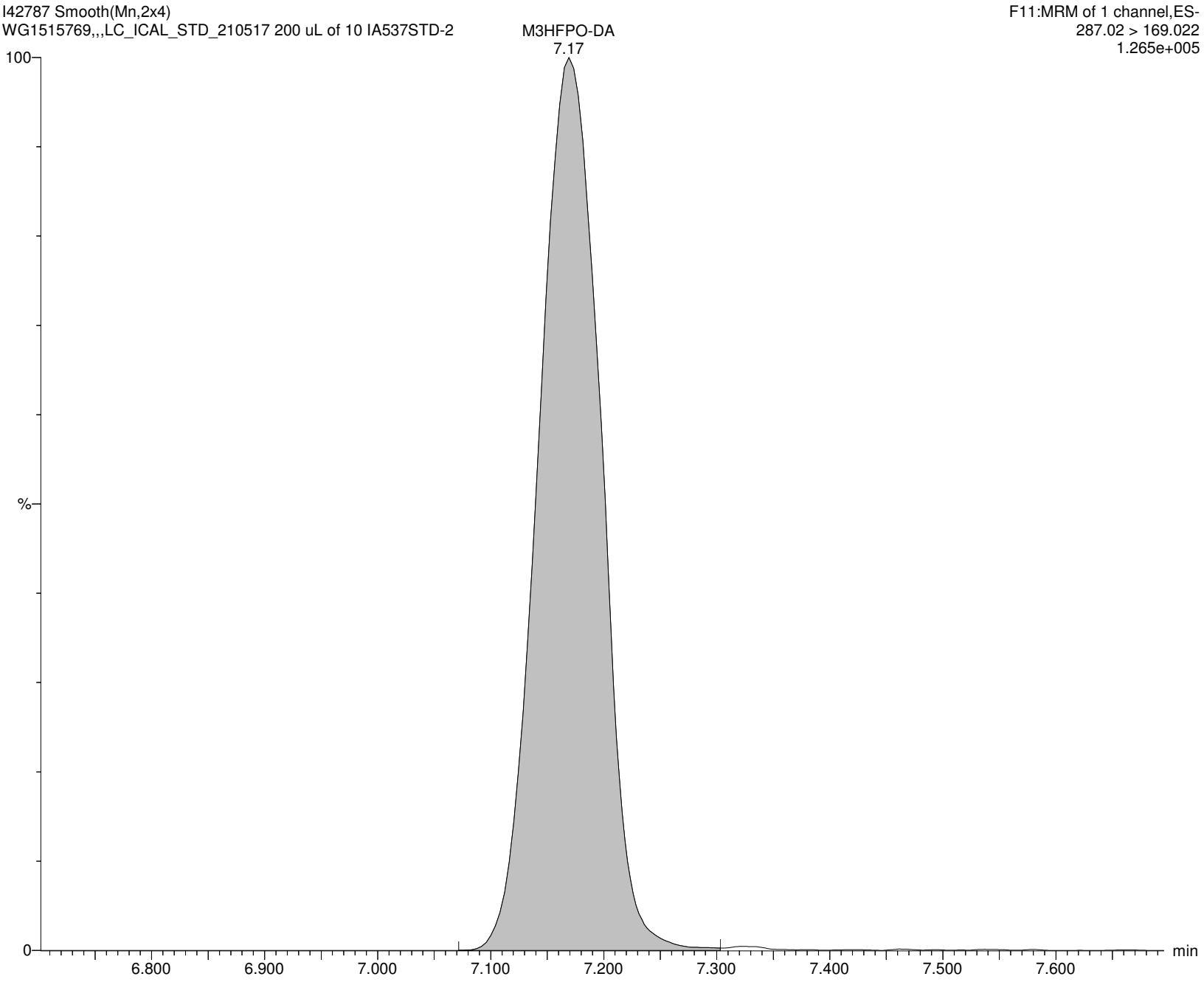


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3HFPO-DA

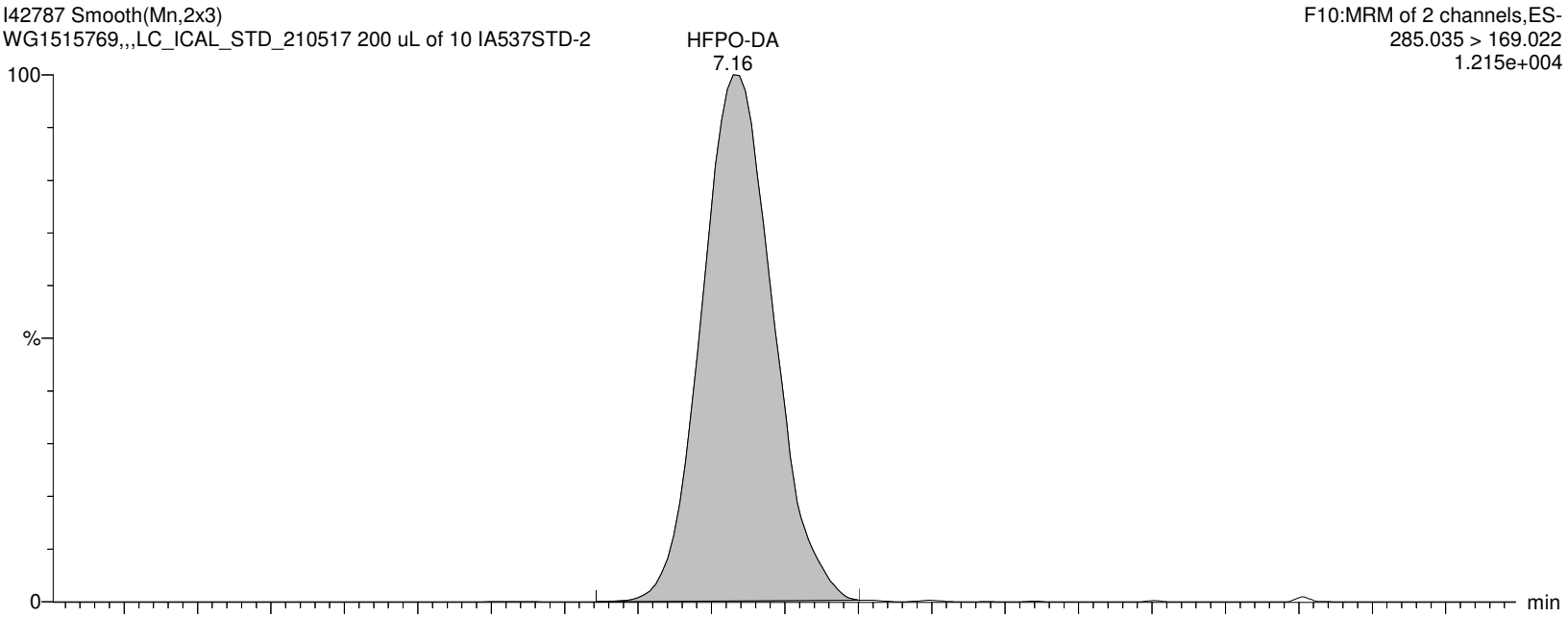


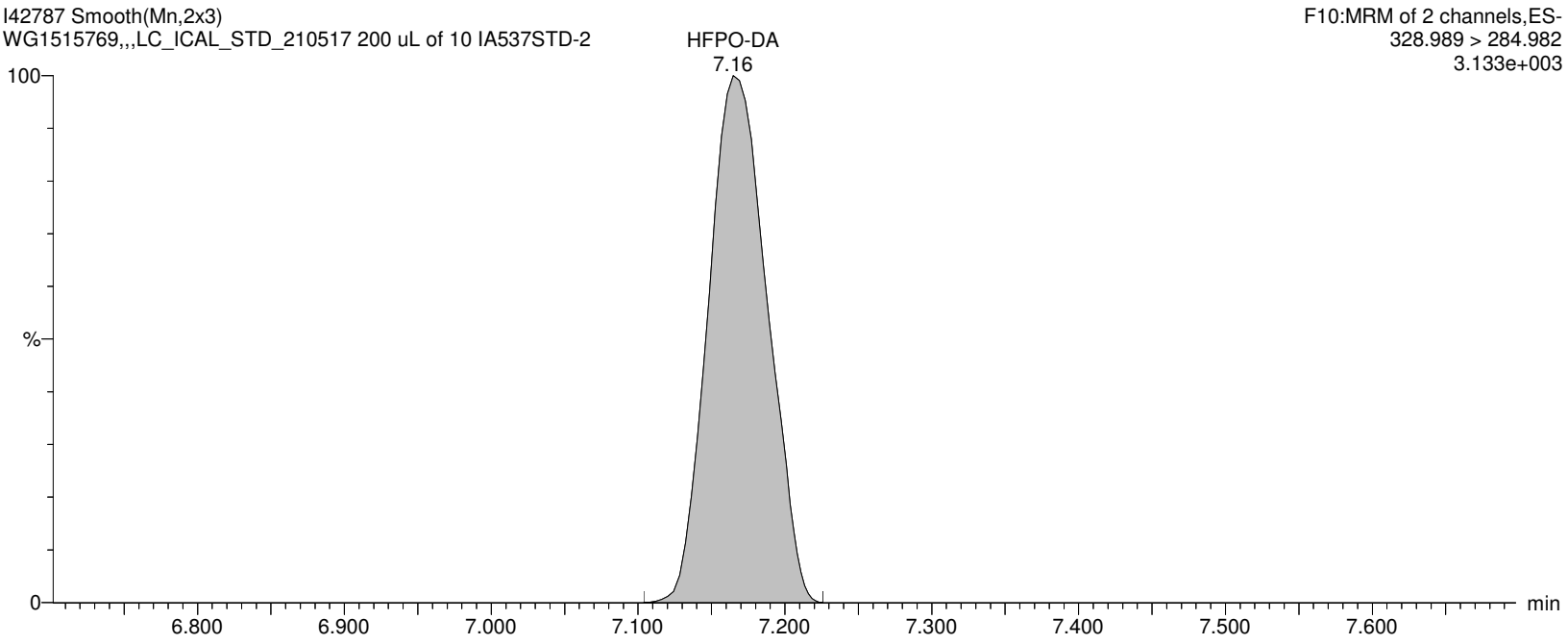
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

HFPO-DA



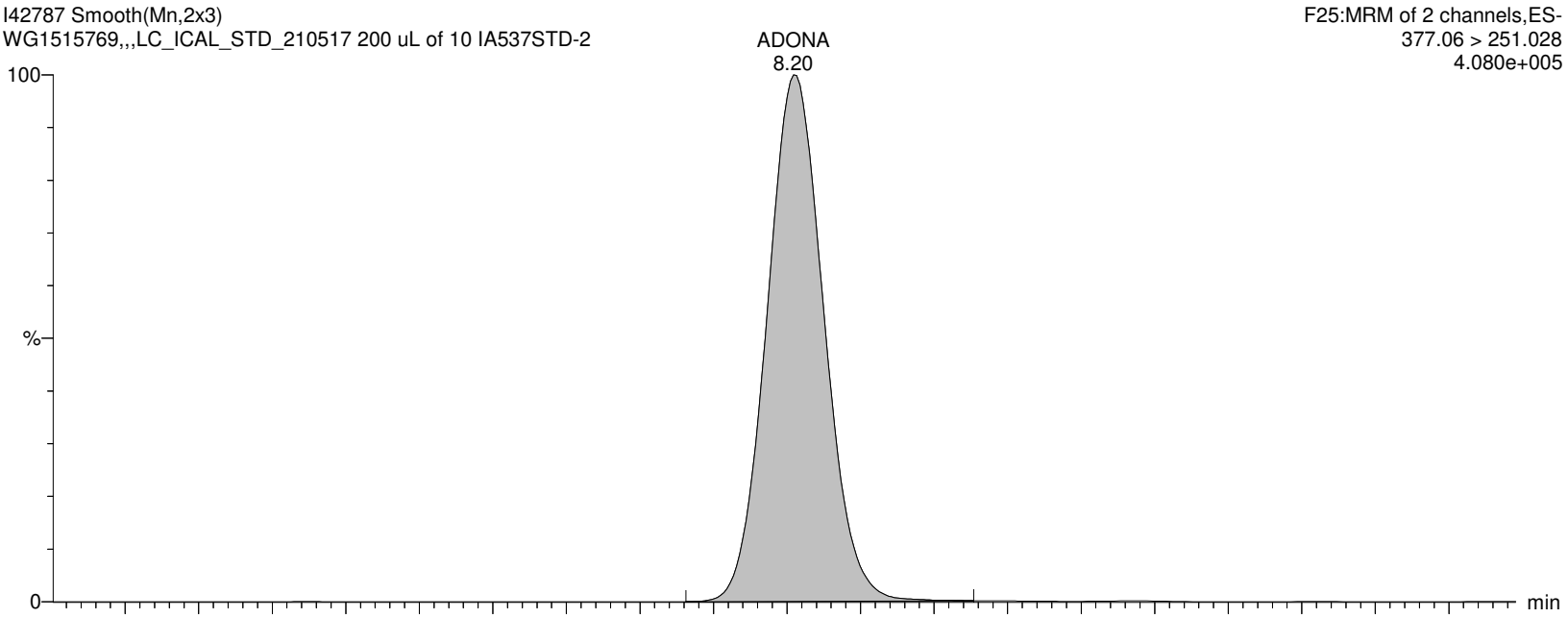


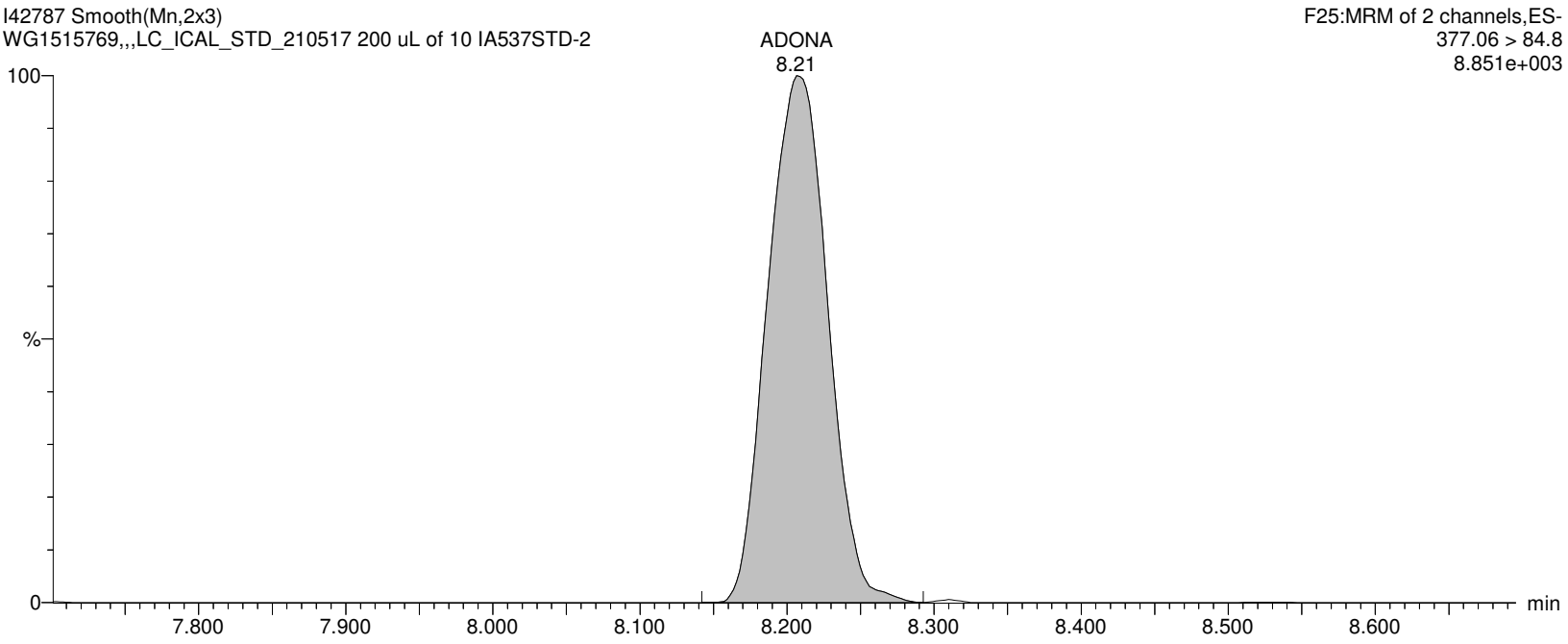
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

ADONA



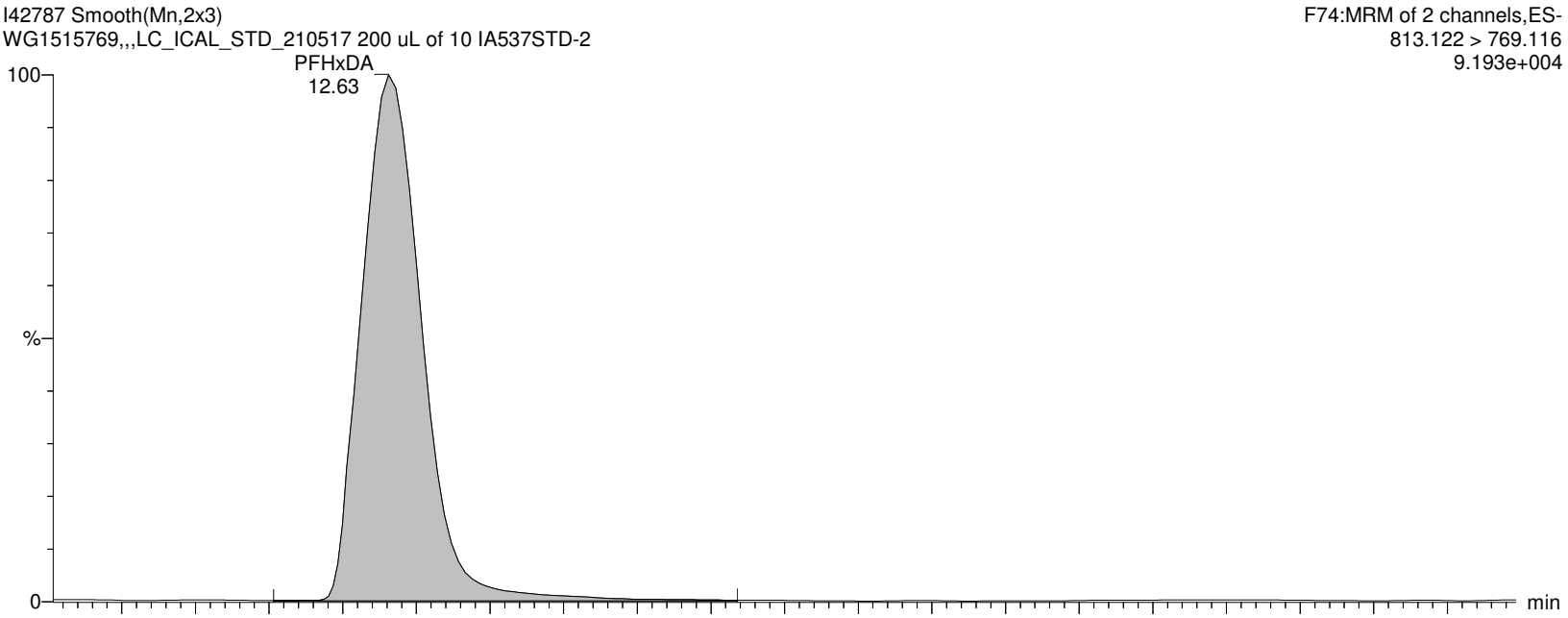


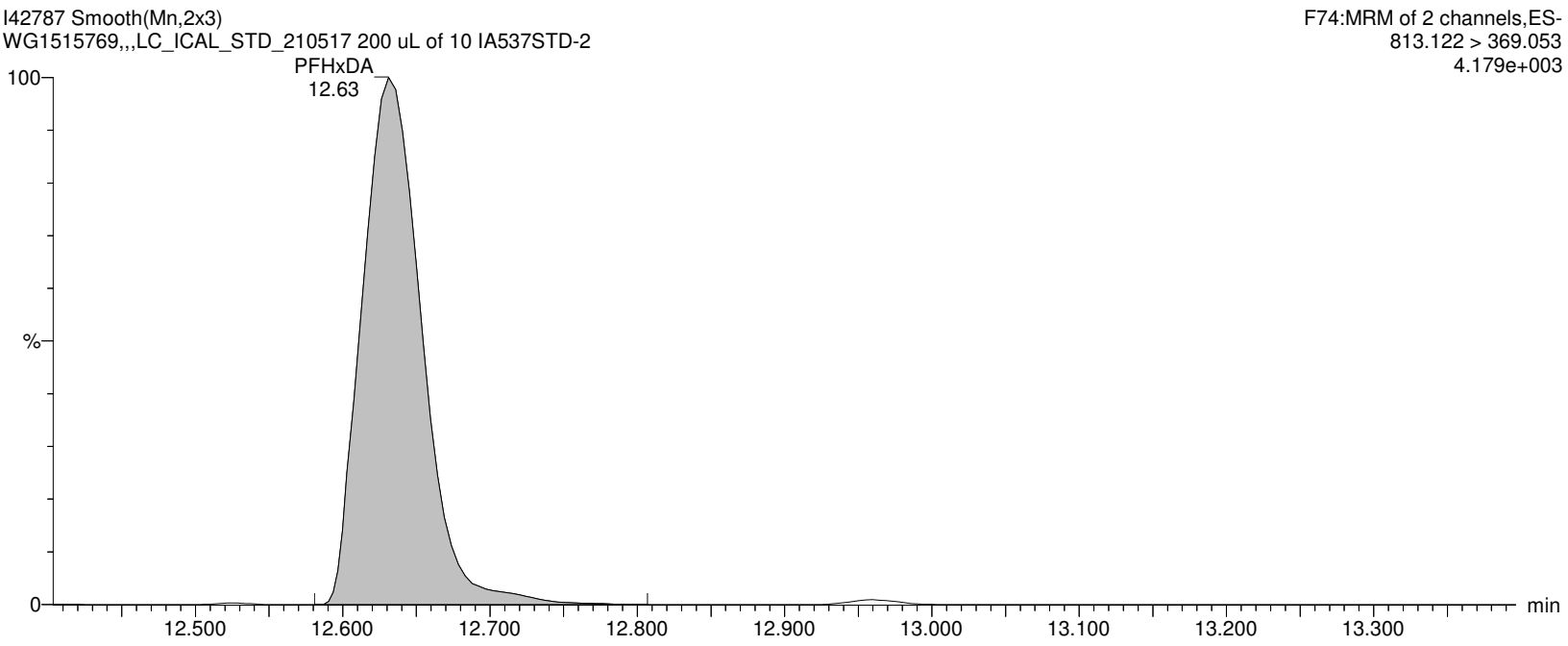
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxDA



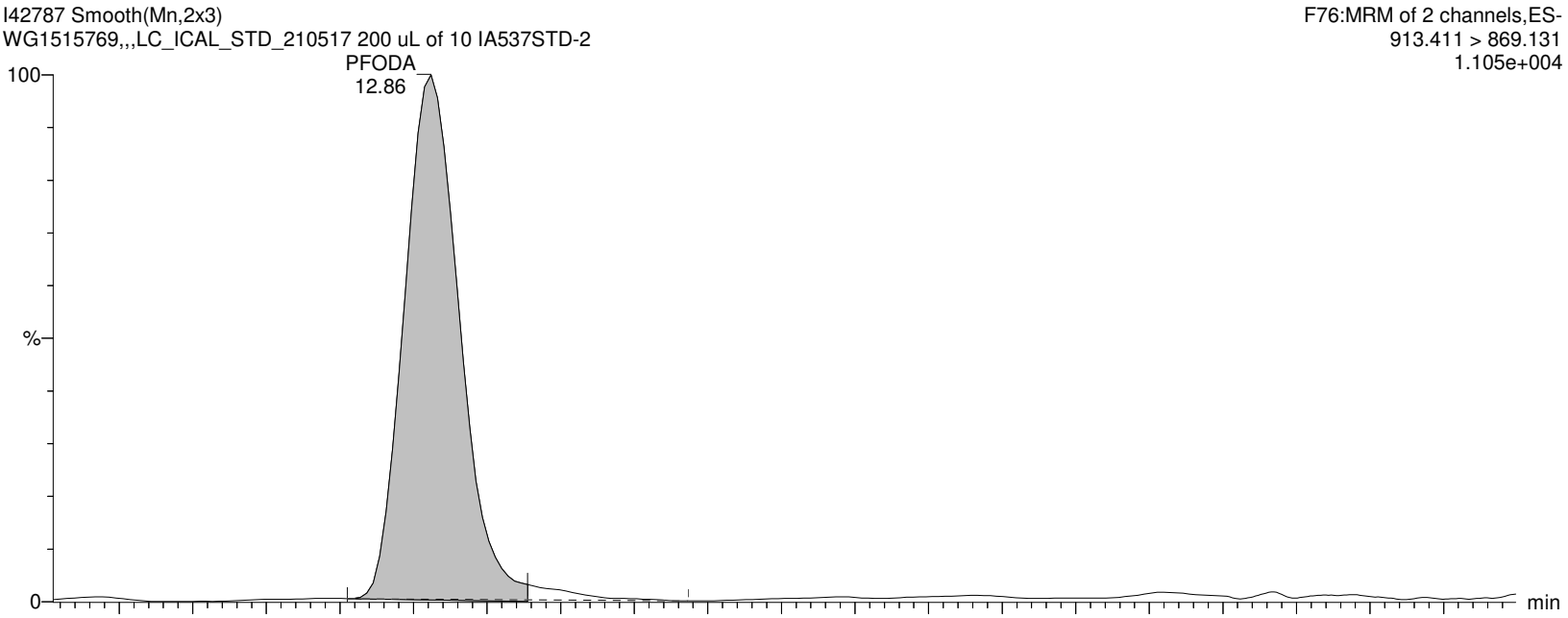


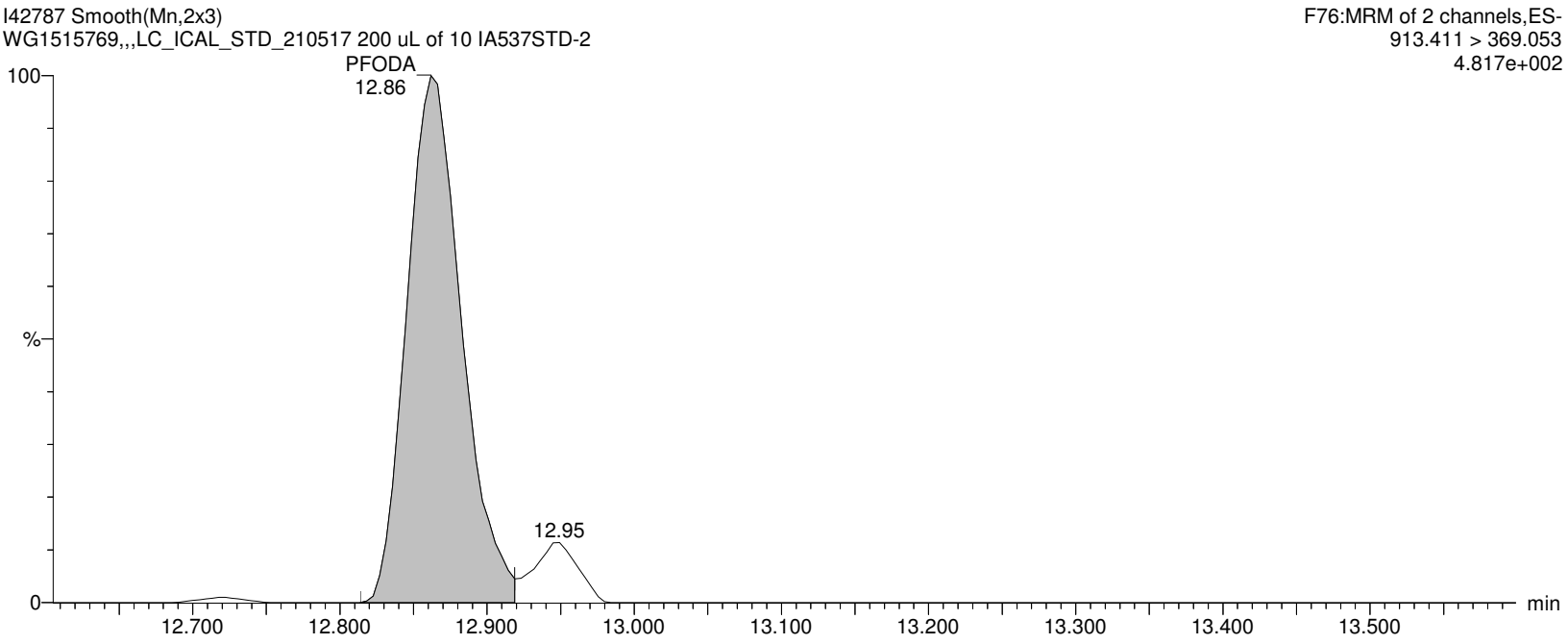
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFODA



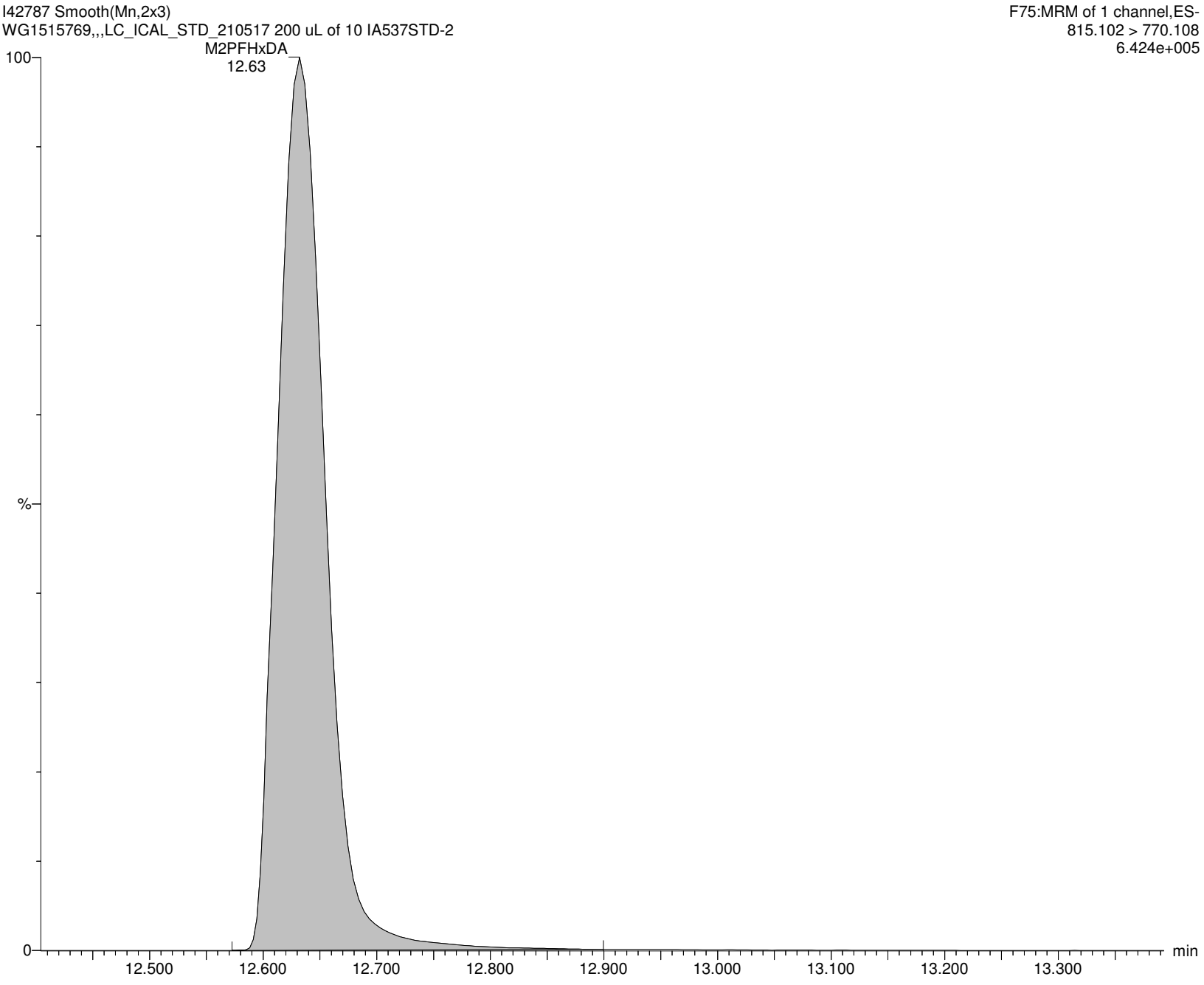


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFHxDA

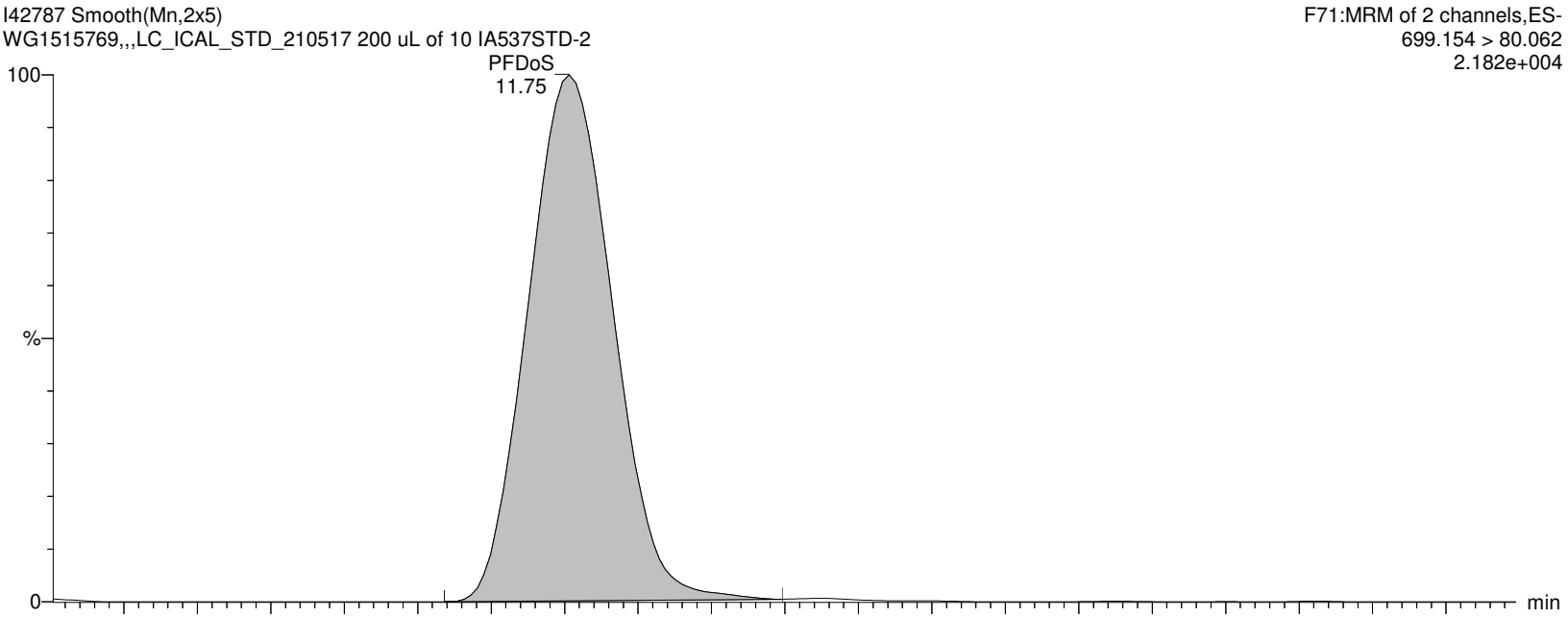


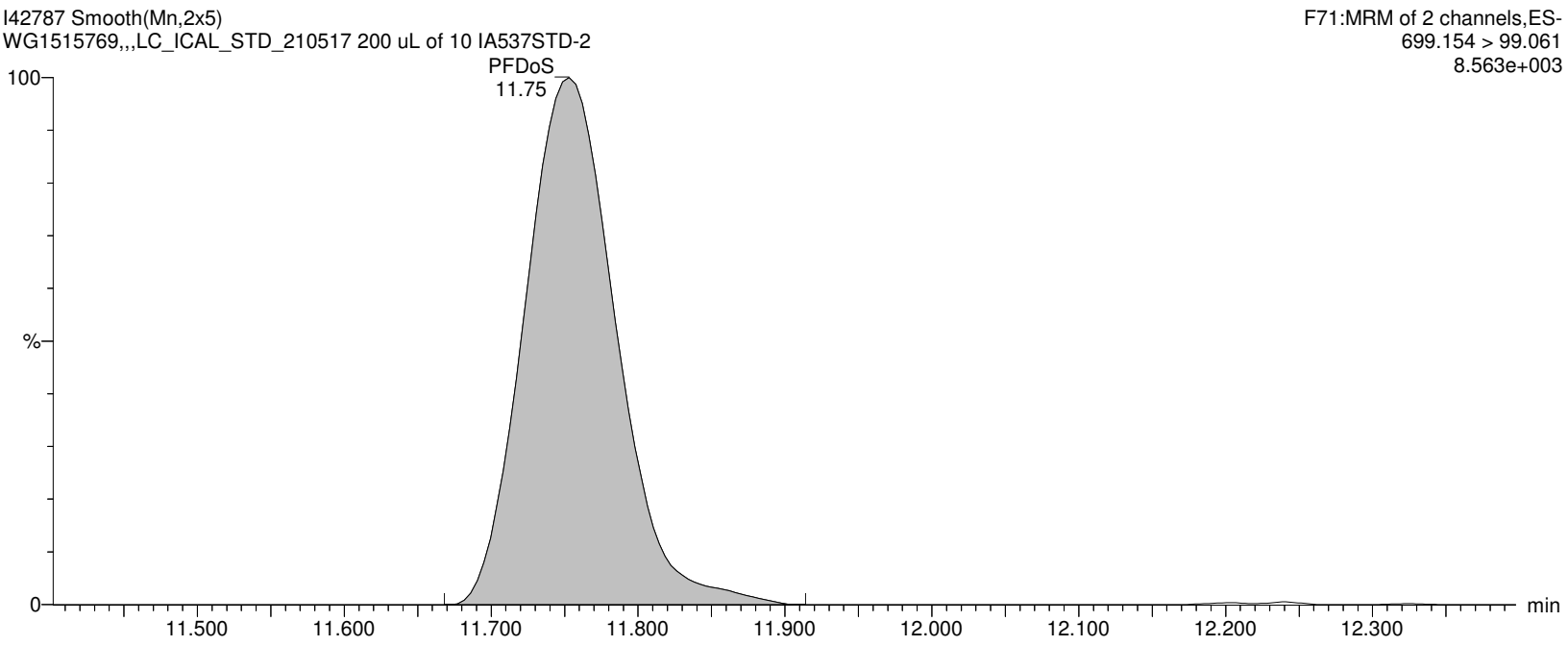
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoS



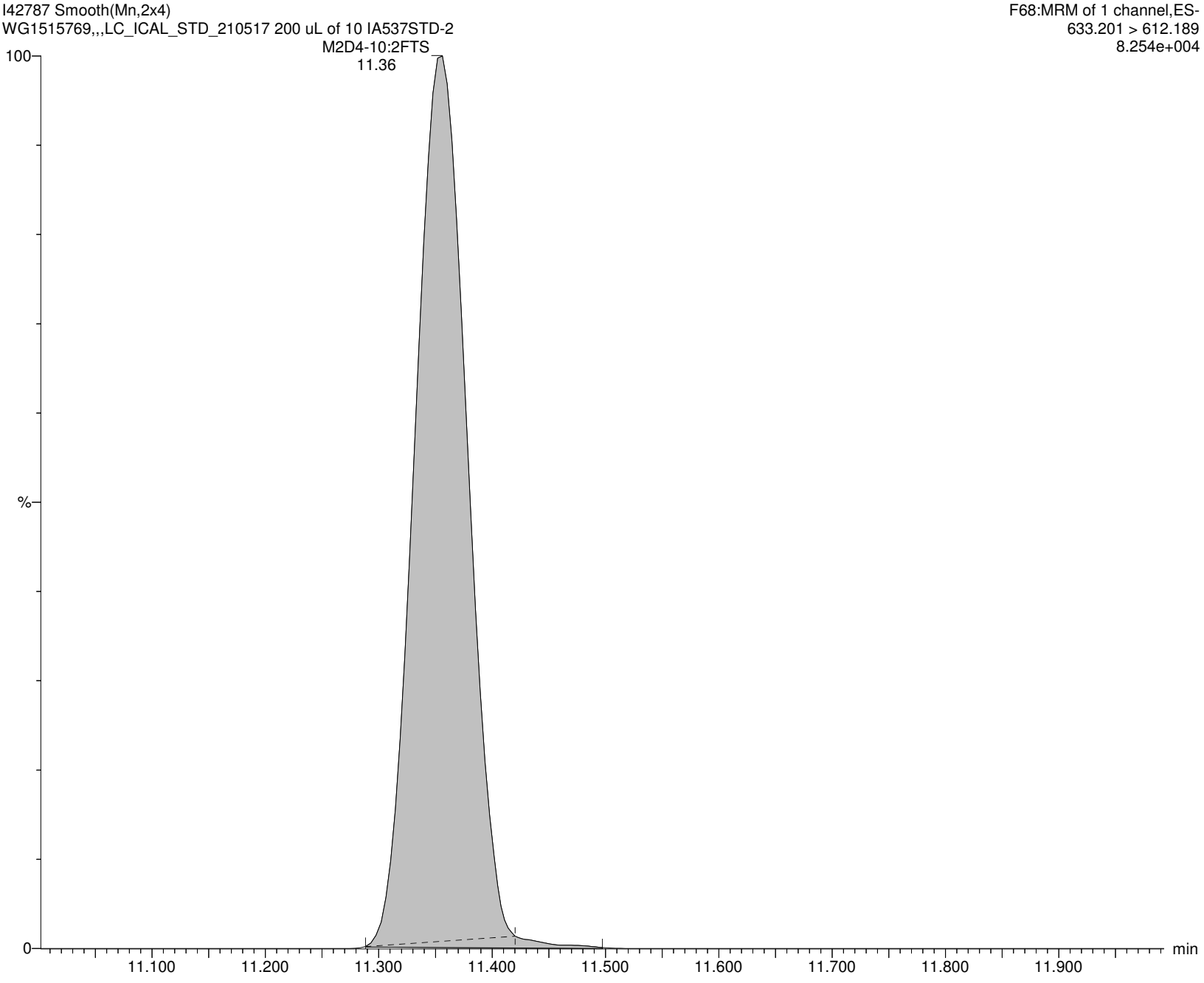


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2D4-10:2FTS

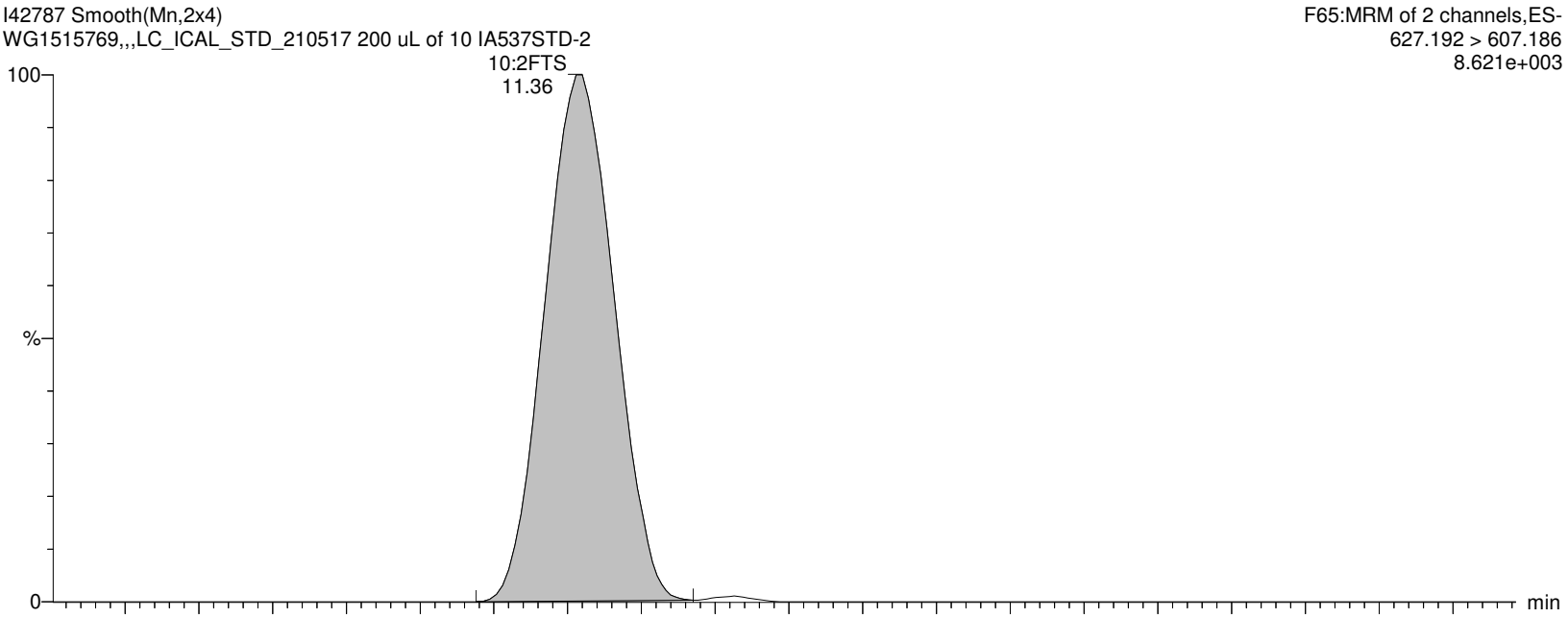


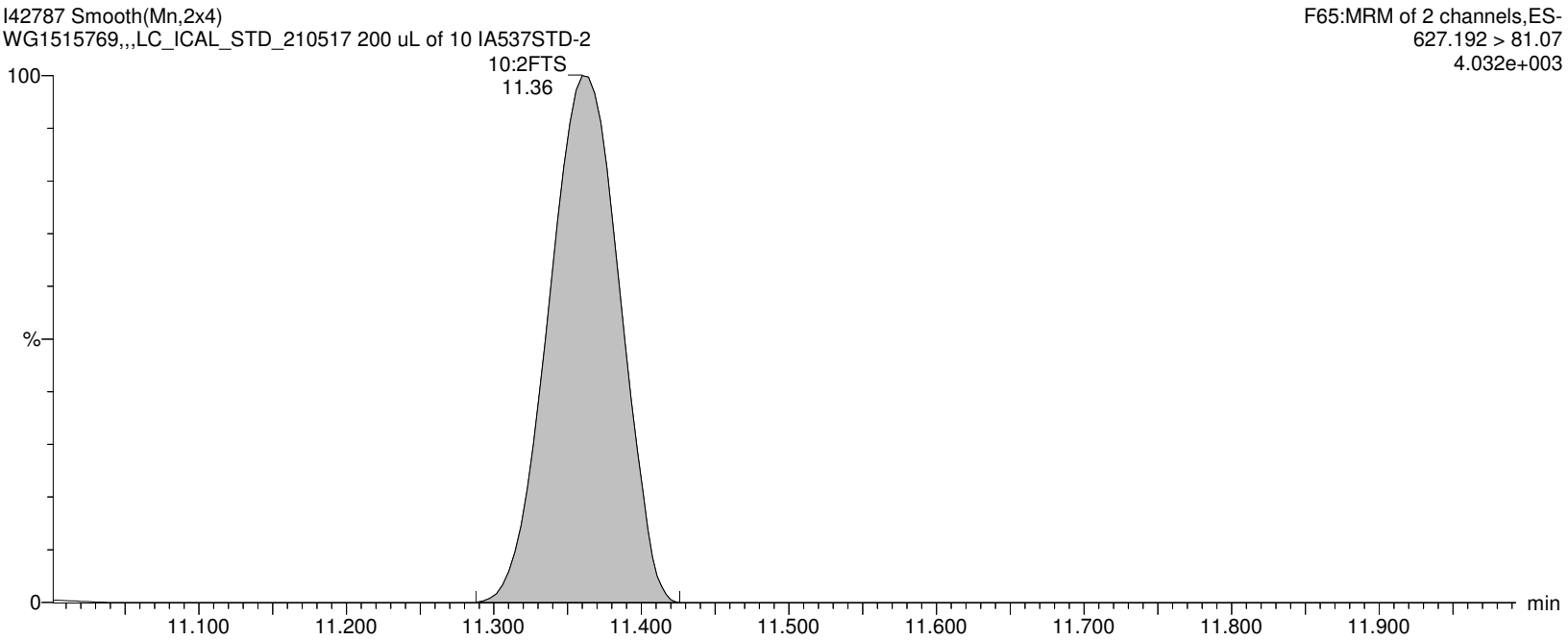
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

10:2FTS



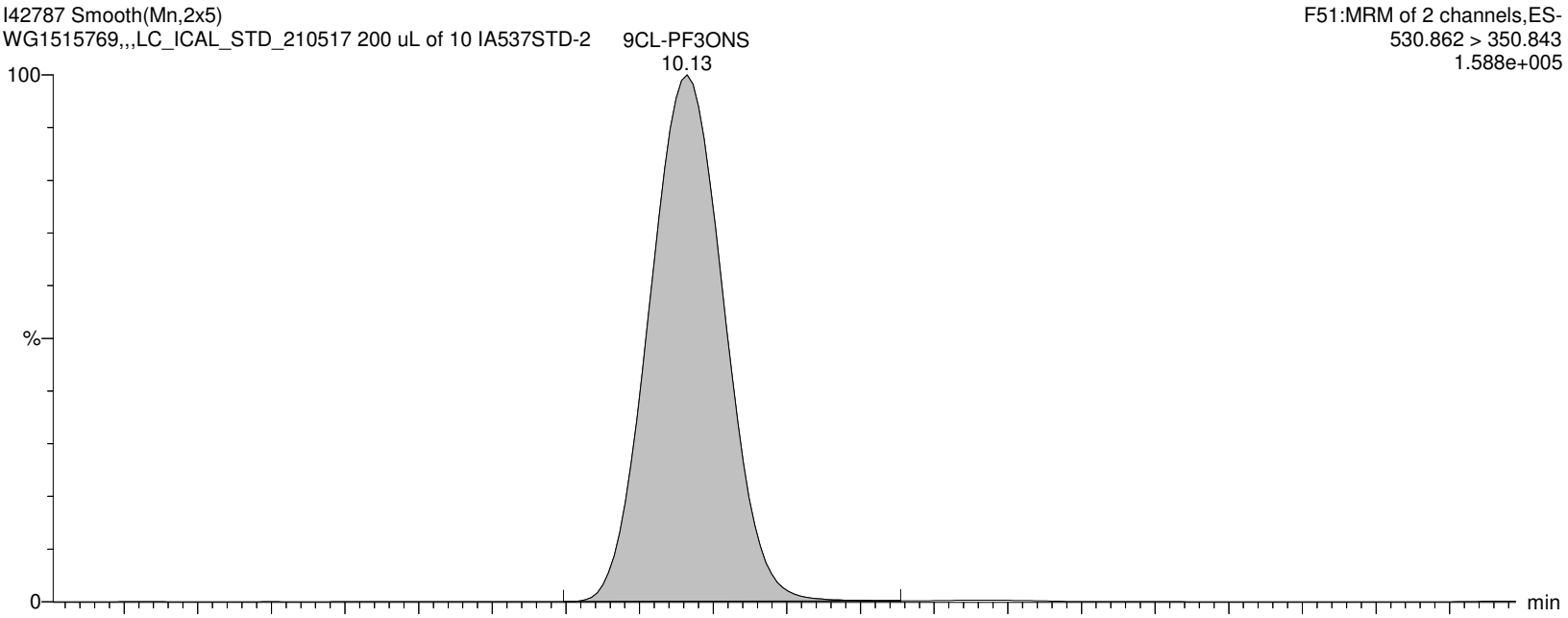


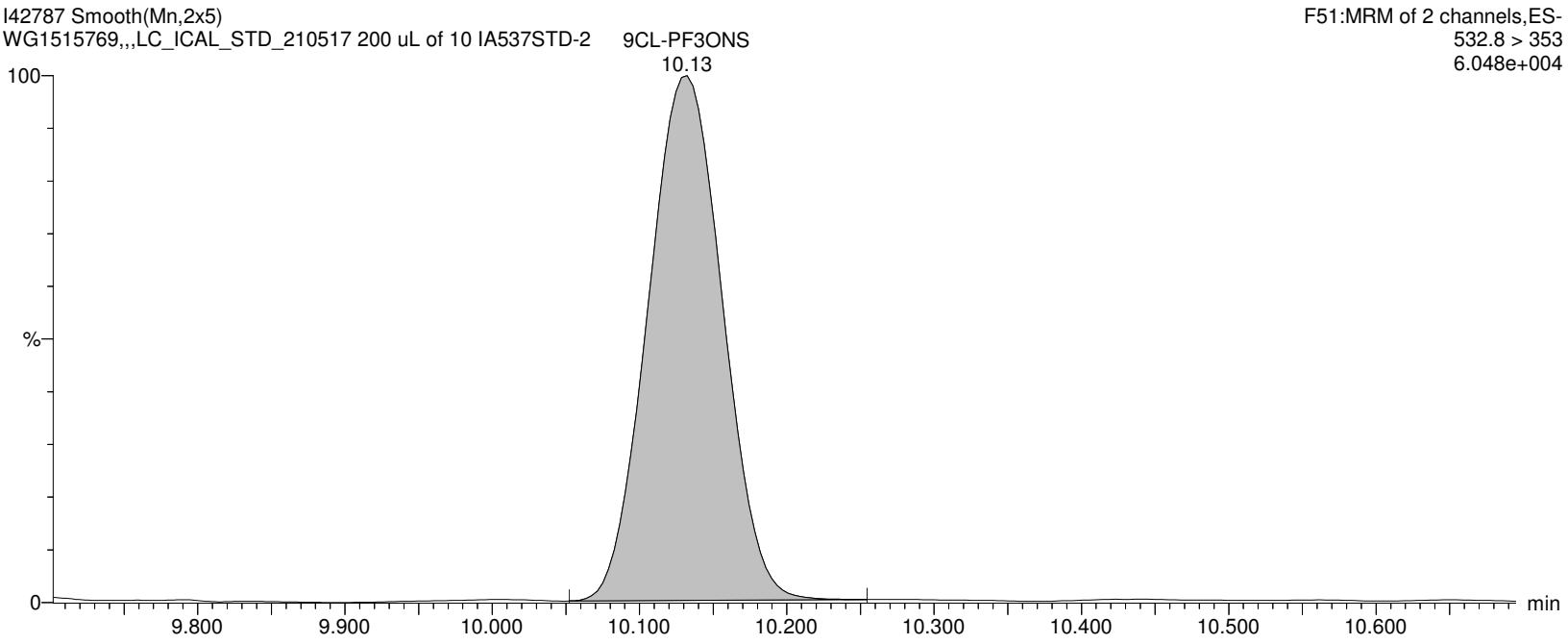
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

9CL-PF3ONS



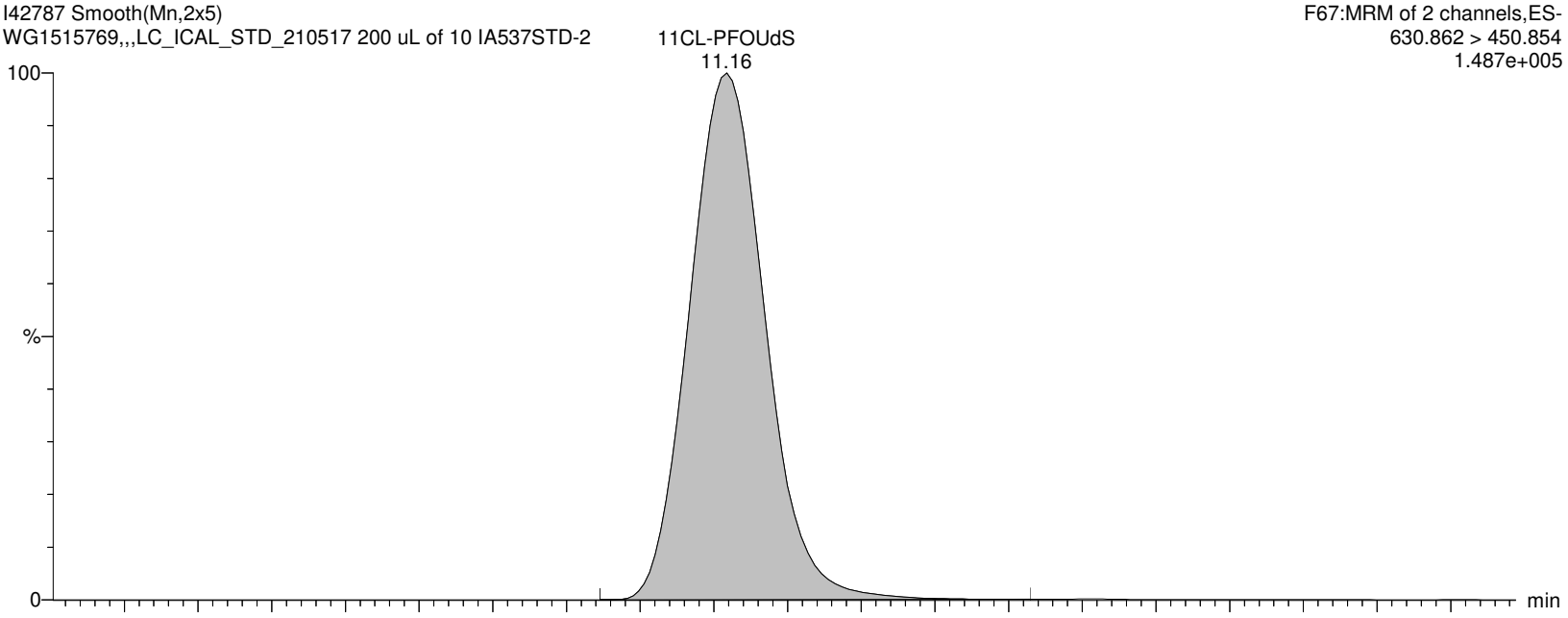


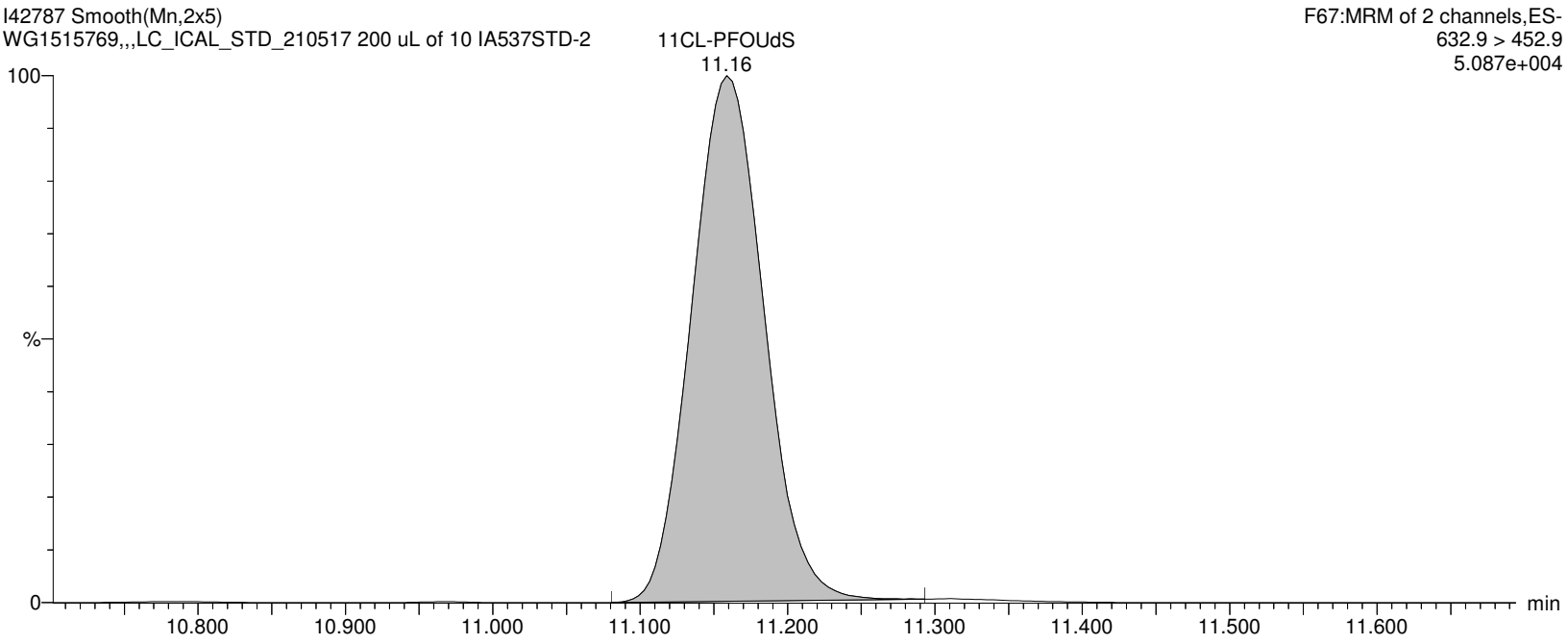
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

11CL-PFOUdS



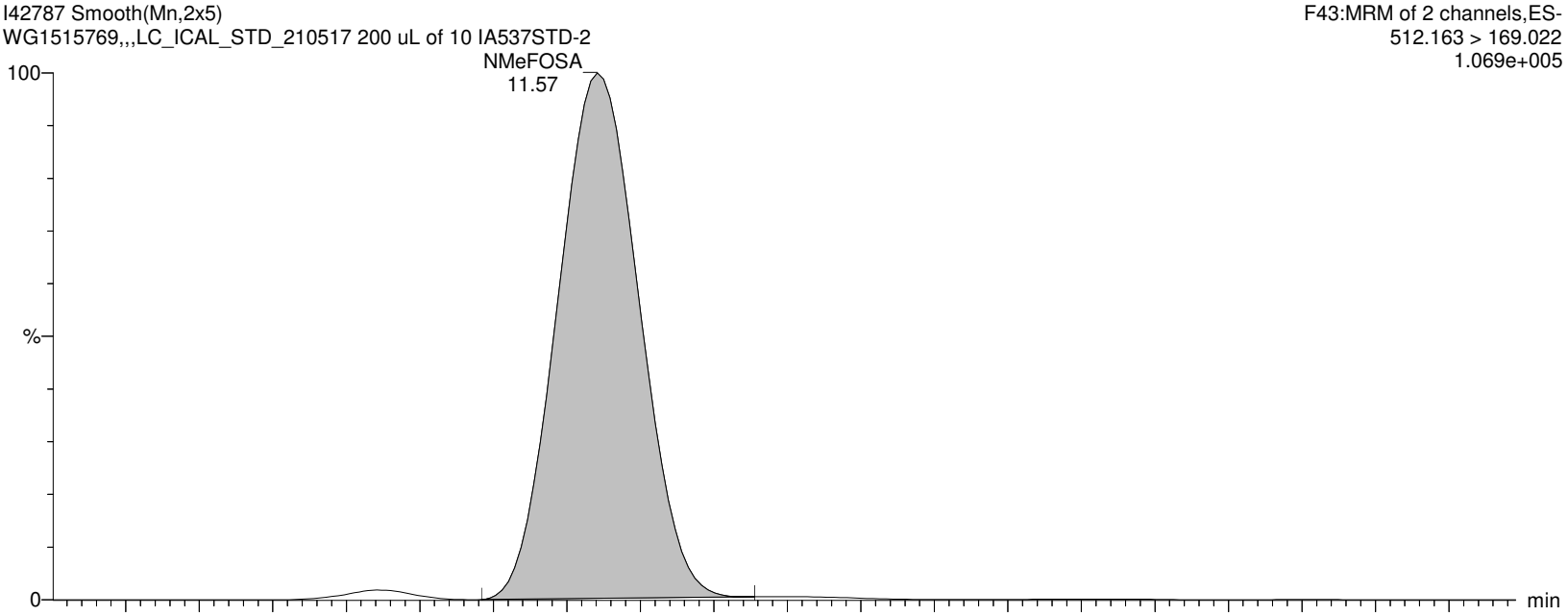


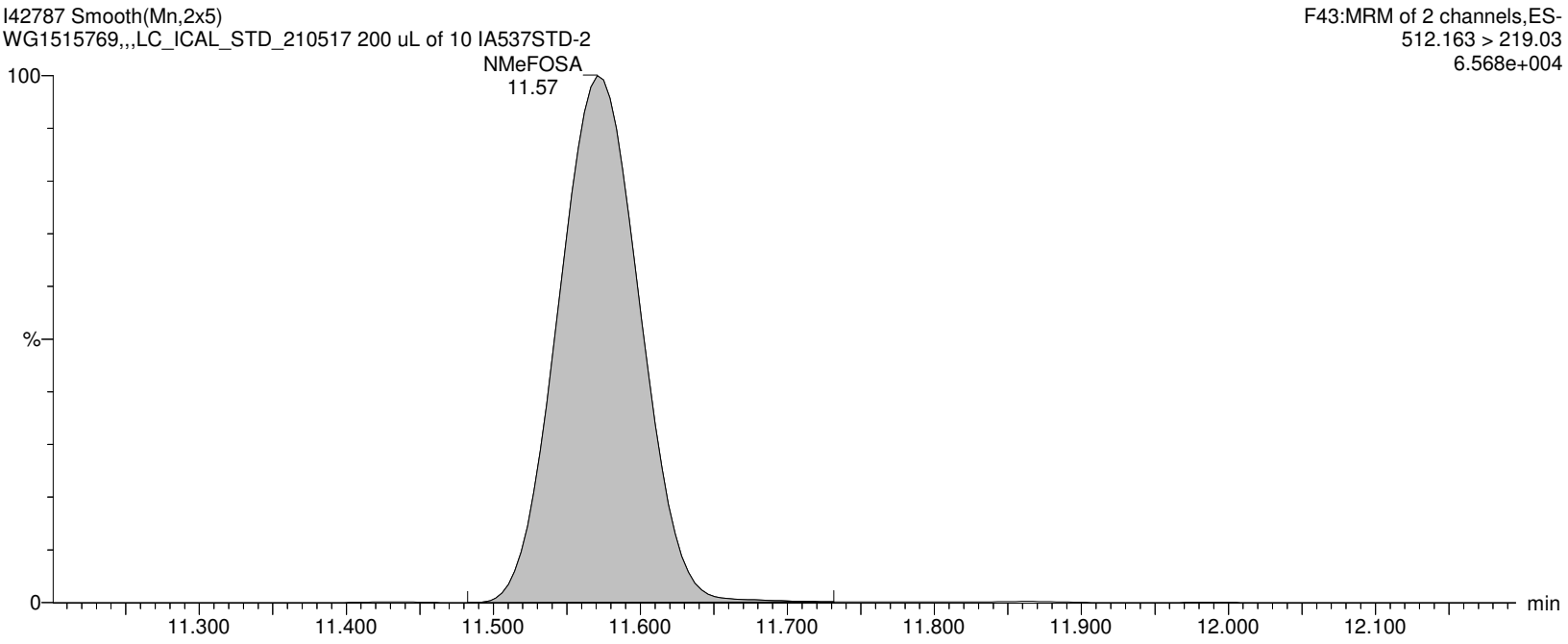
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSA



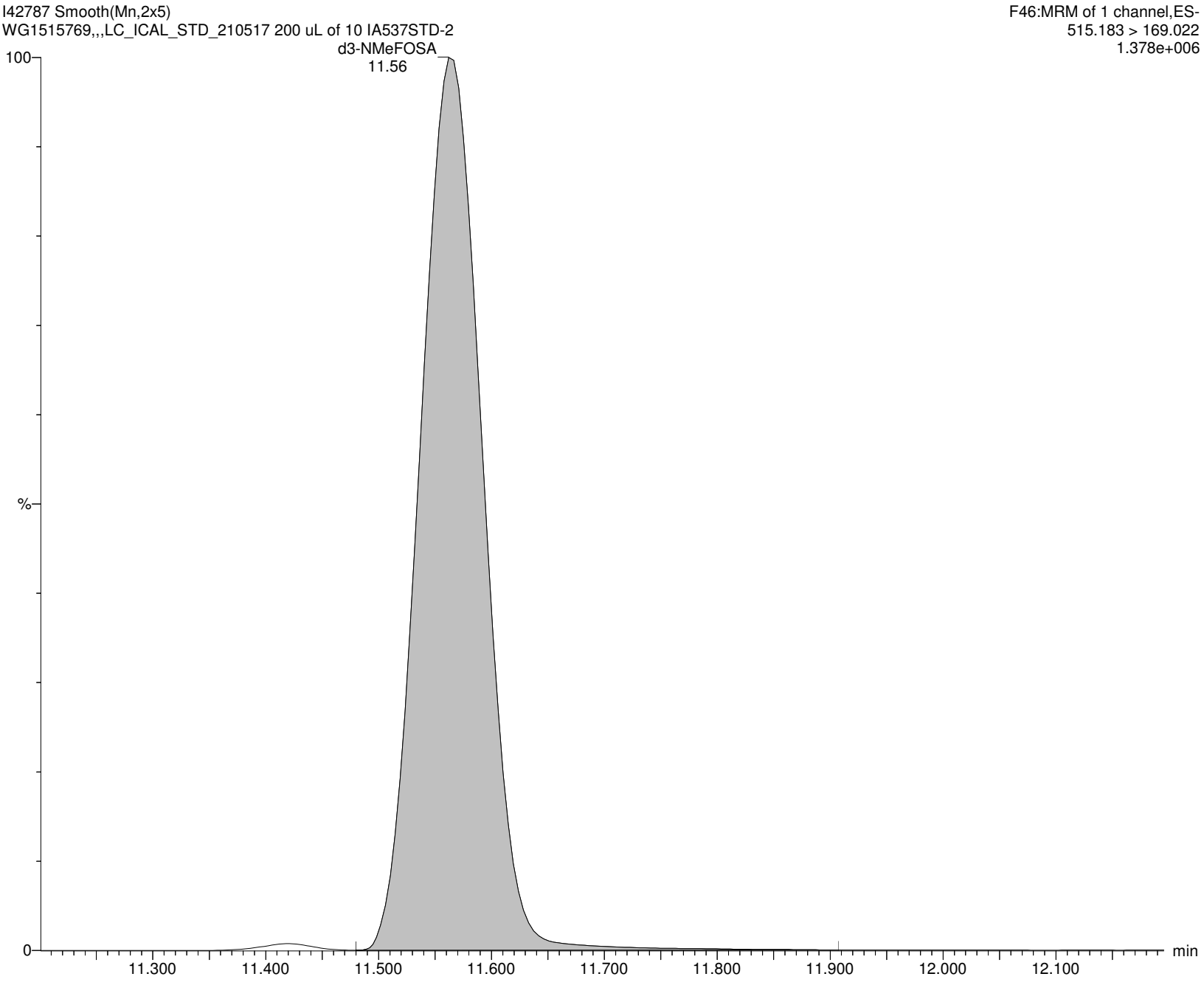


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSA

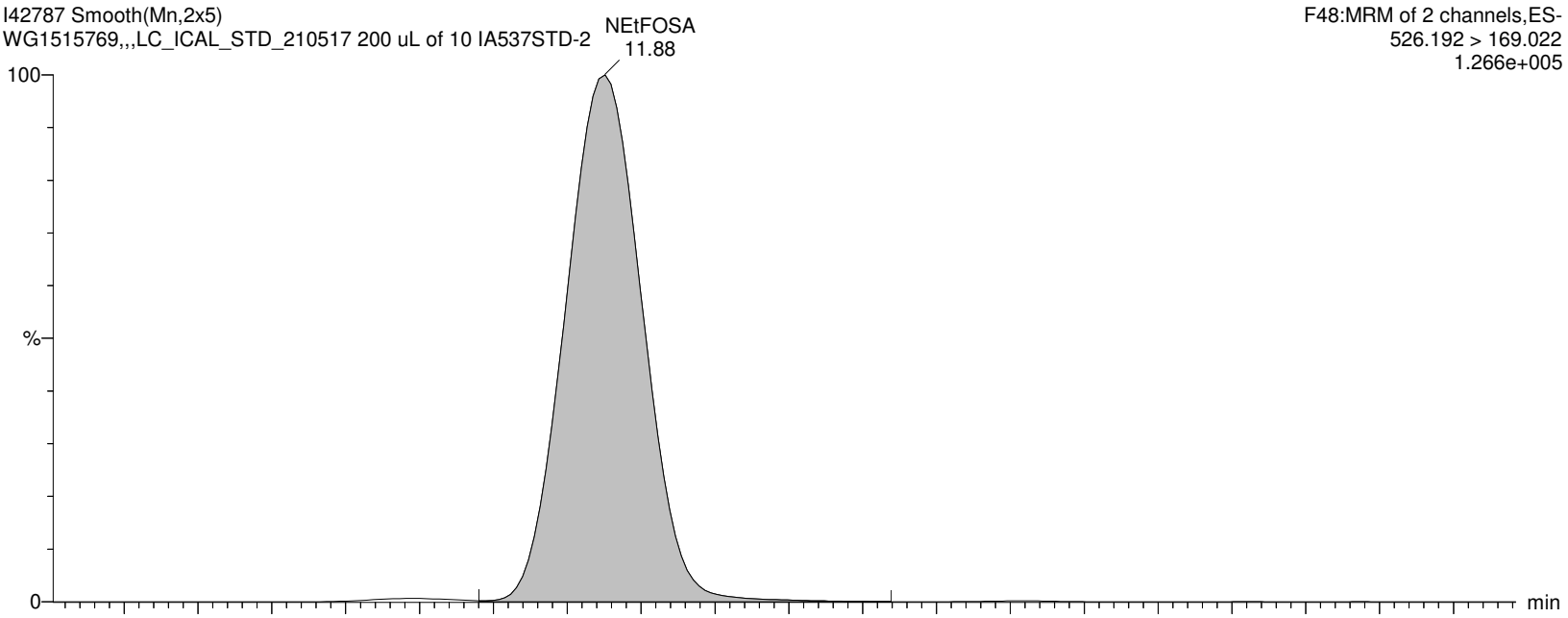


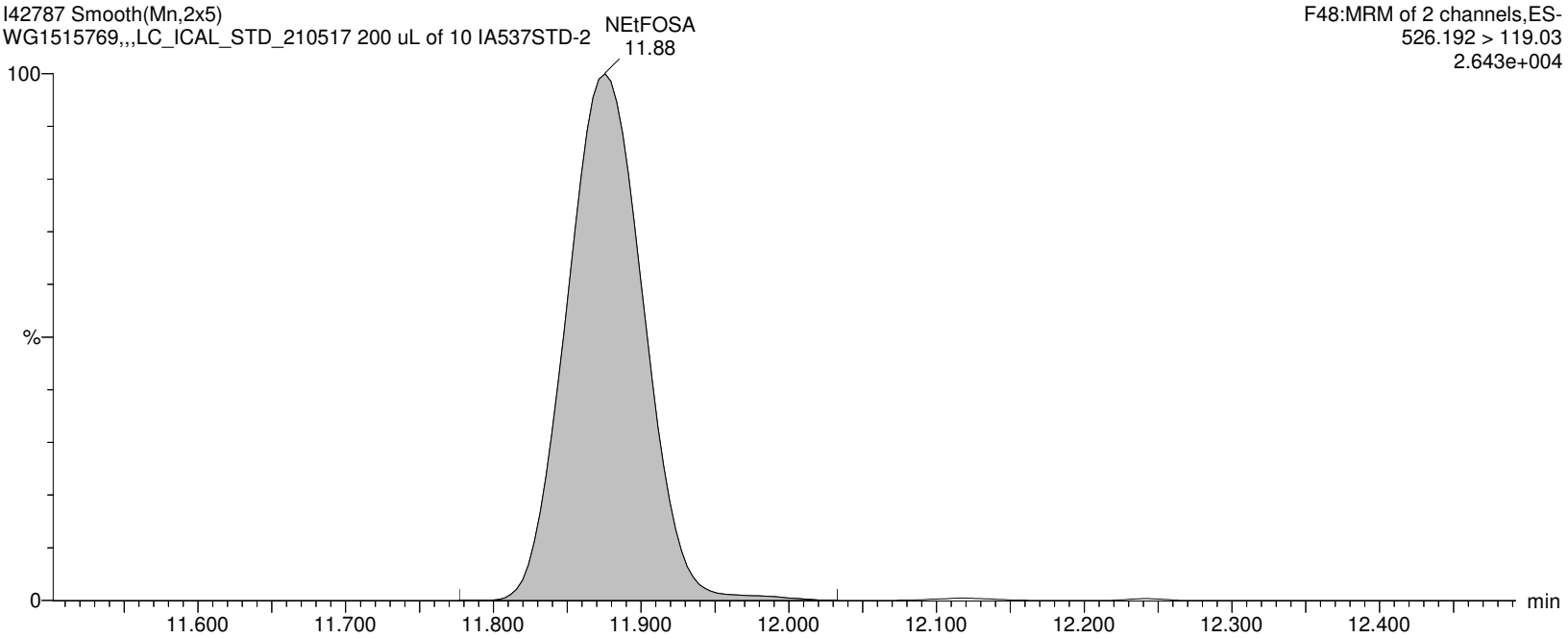
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSA



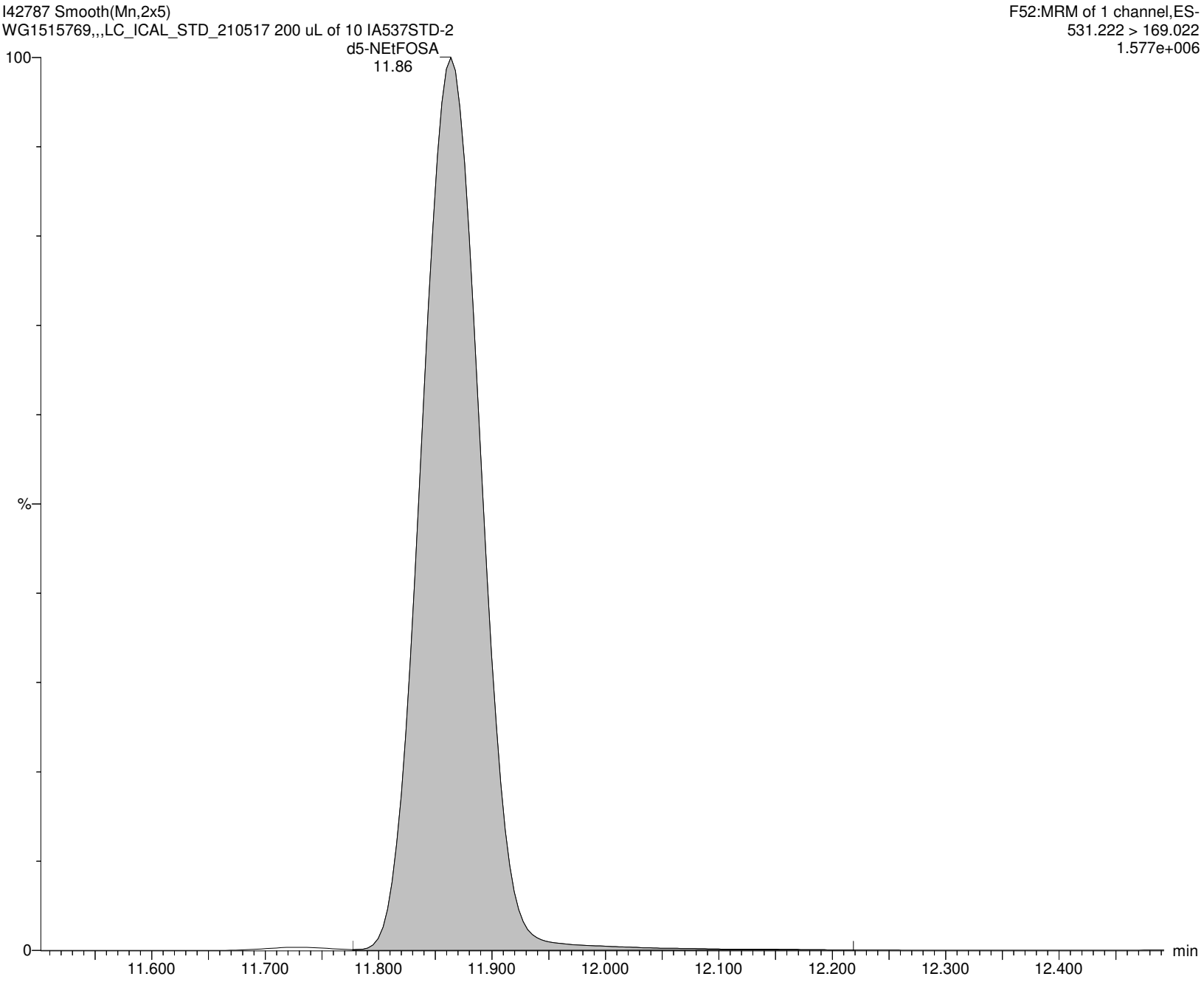


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSA

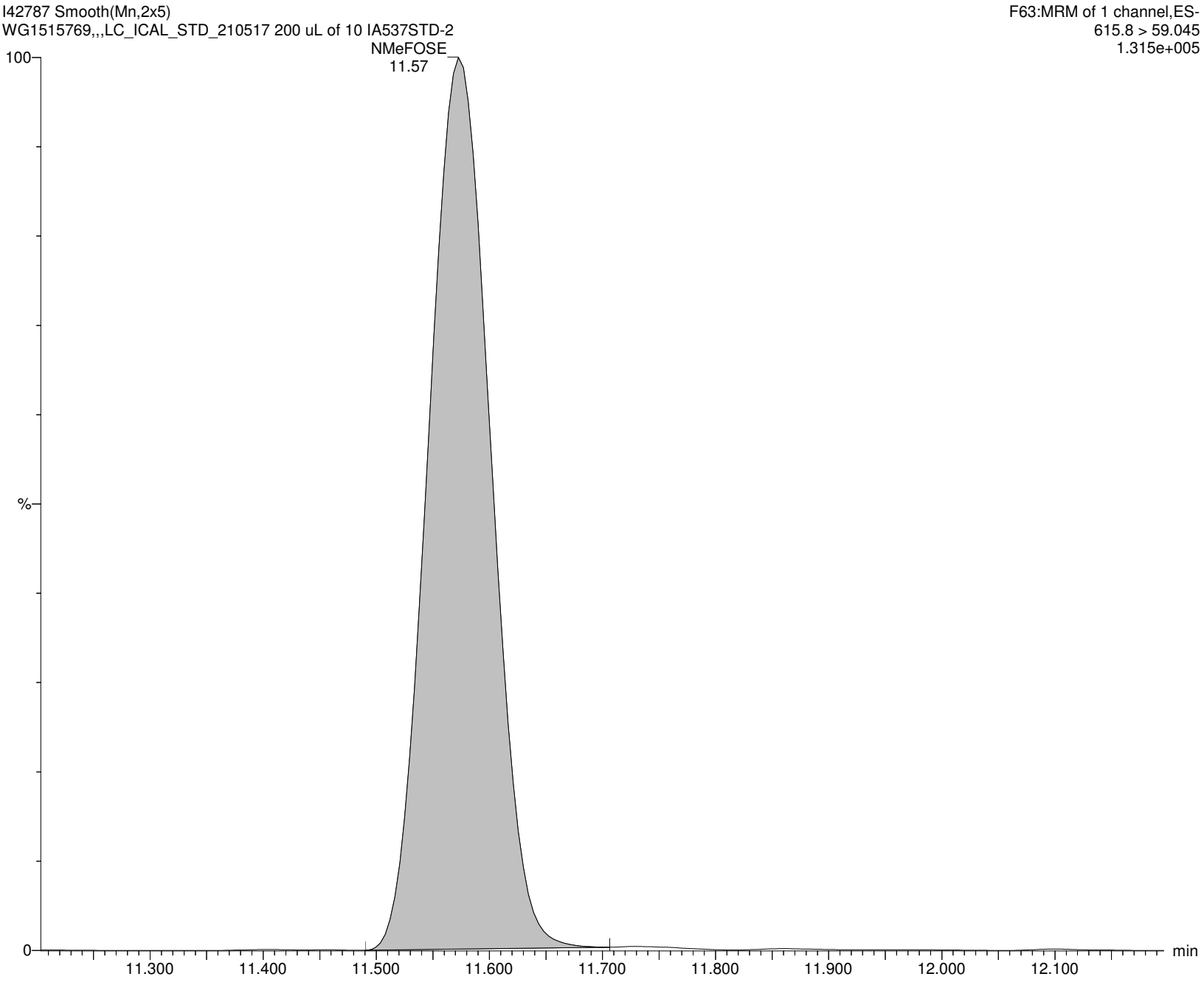


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSE

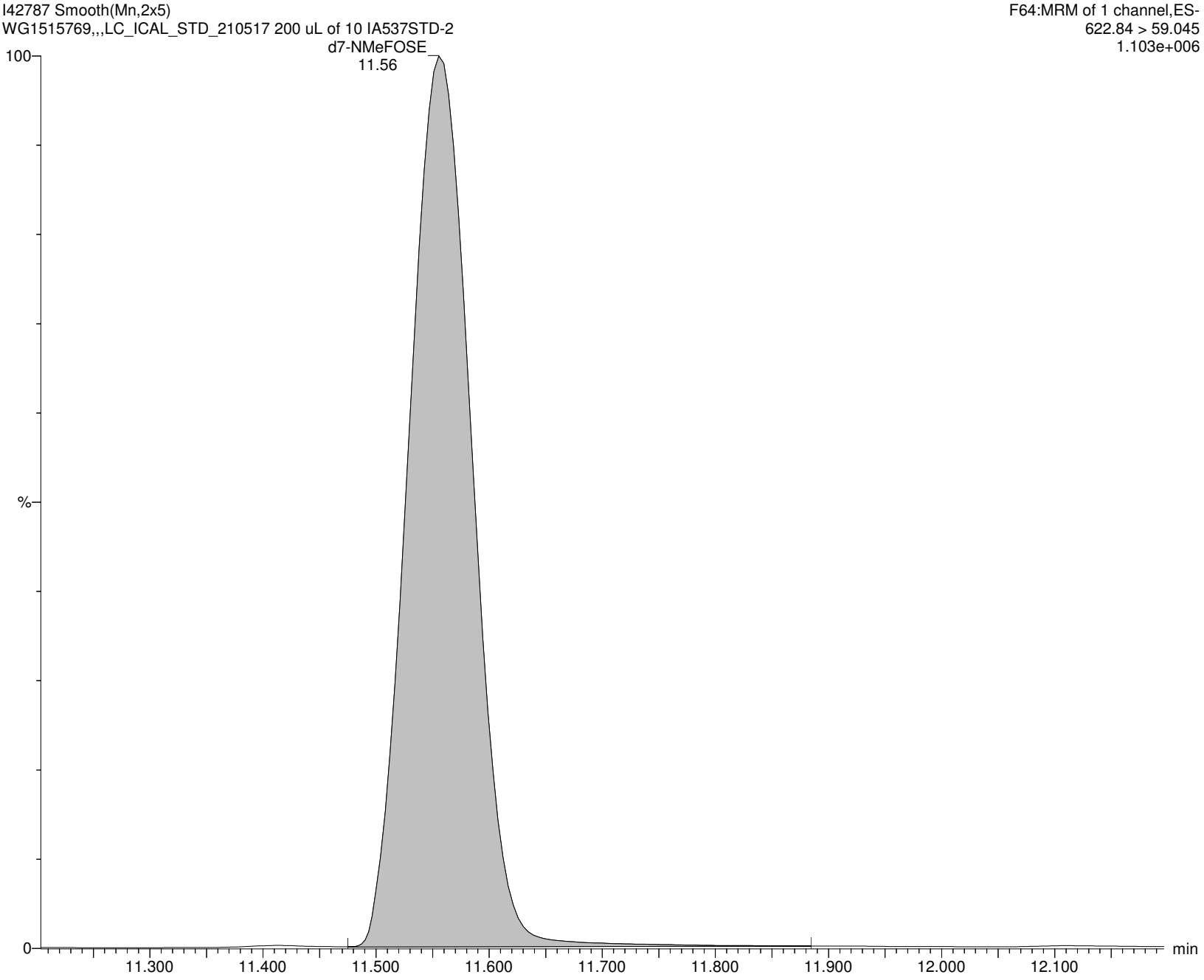


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d7-NMeFOSE

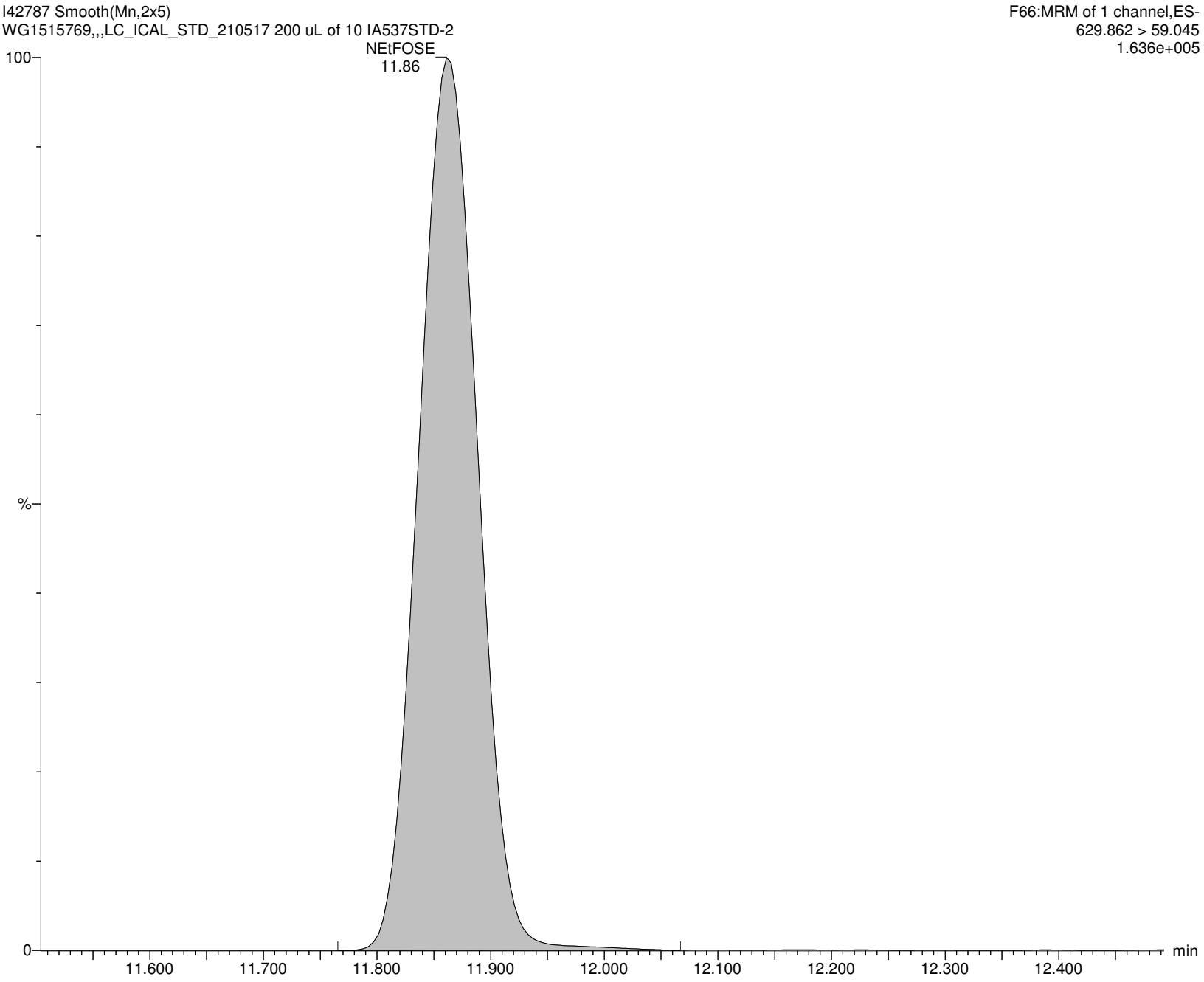


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSE

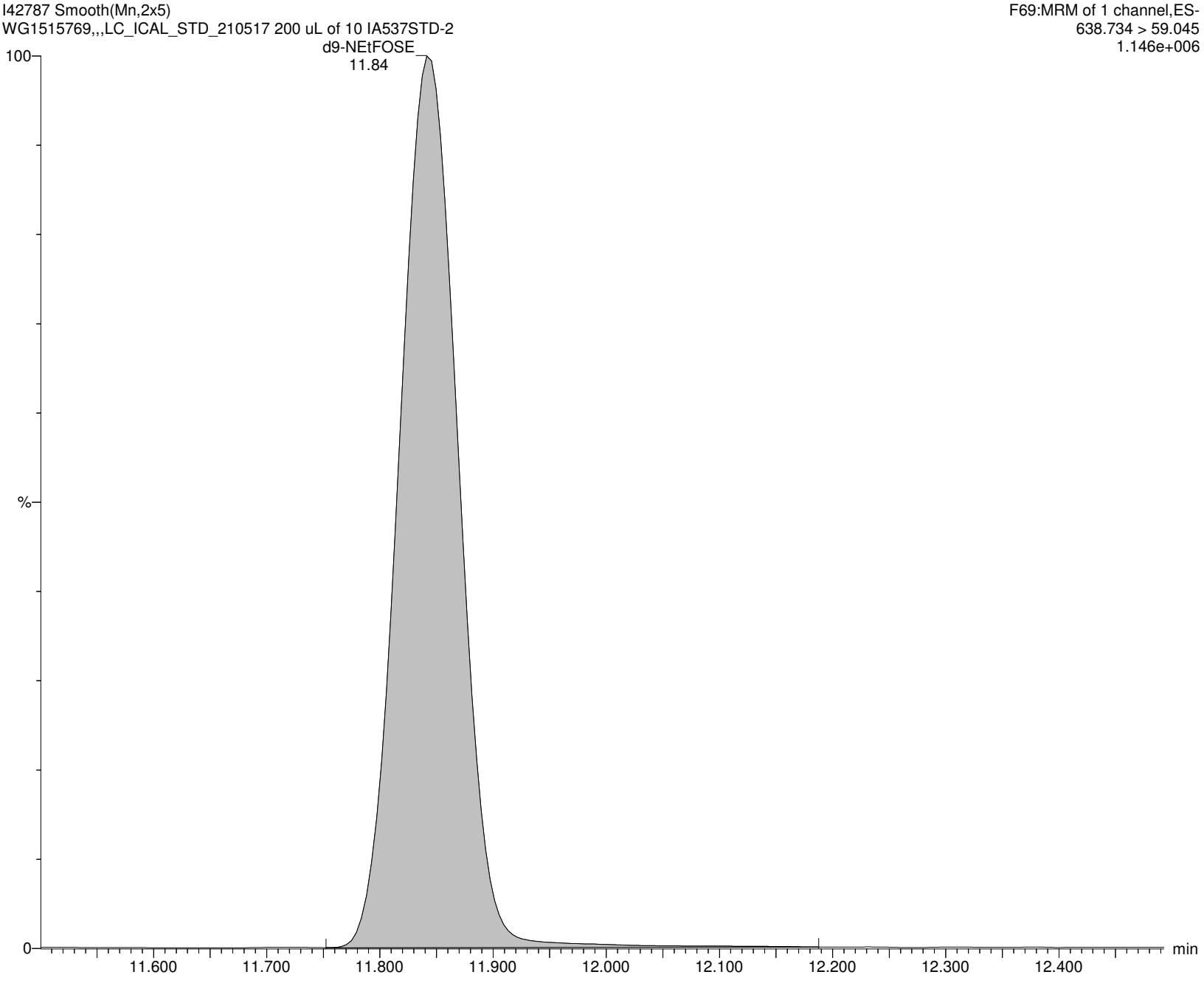


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d9-NEtFOSE

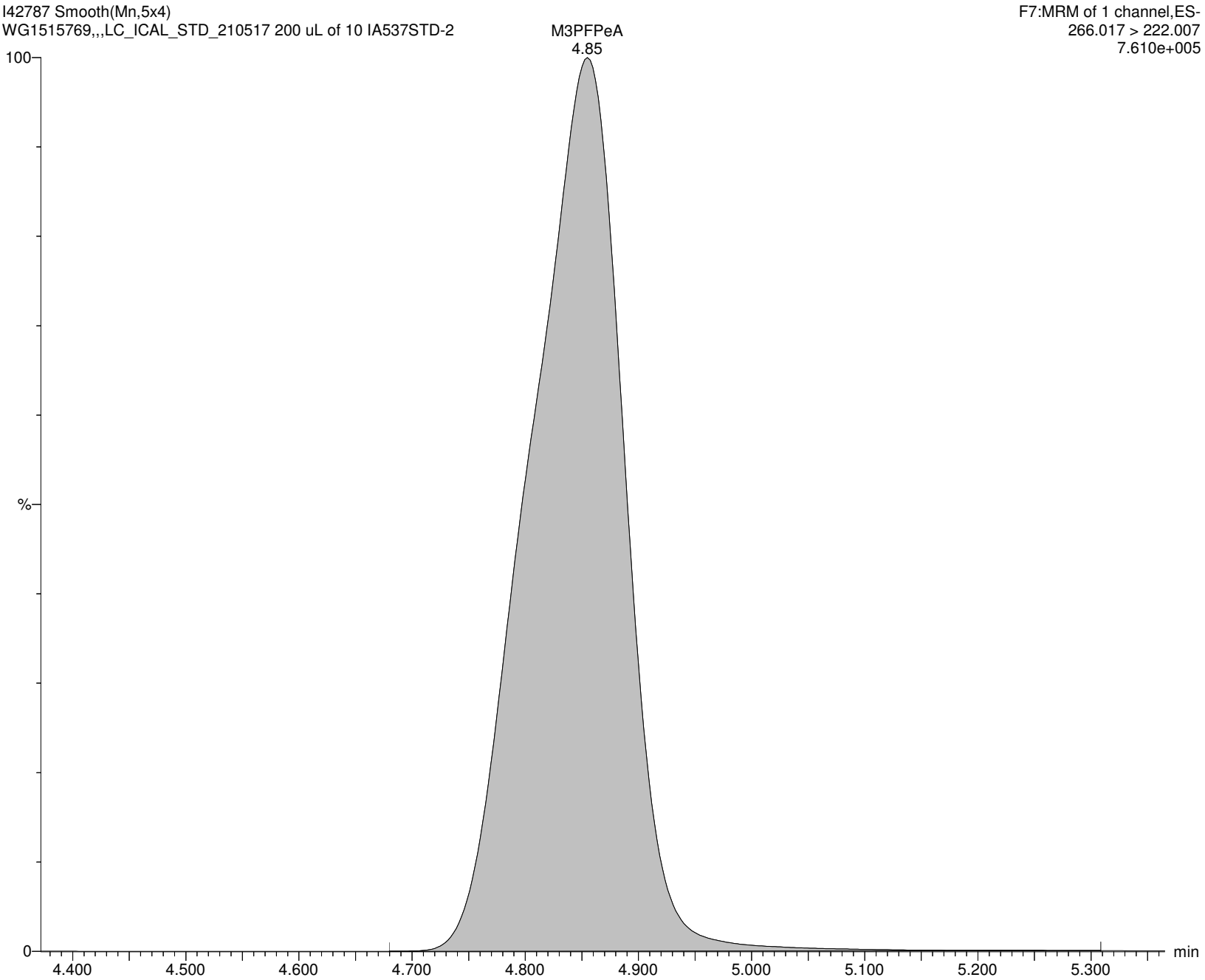


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFPeA

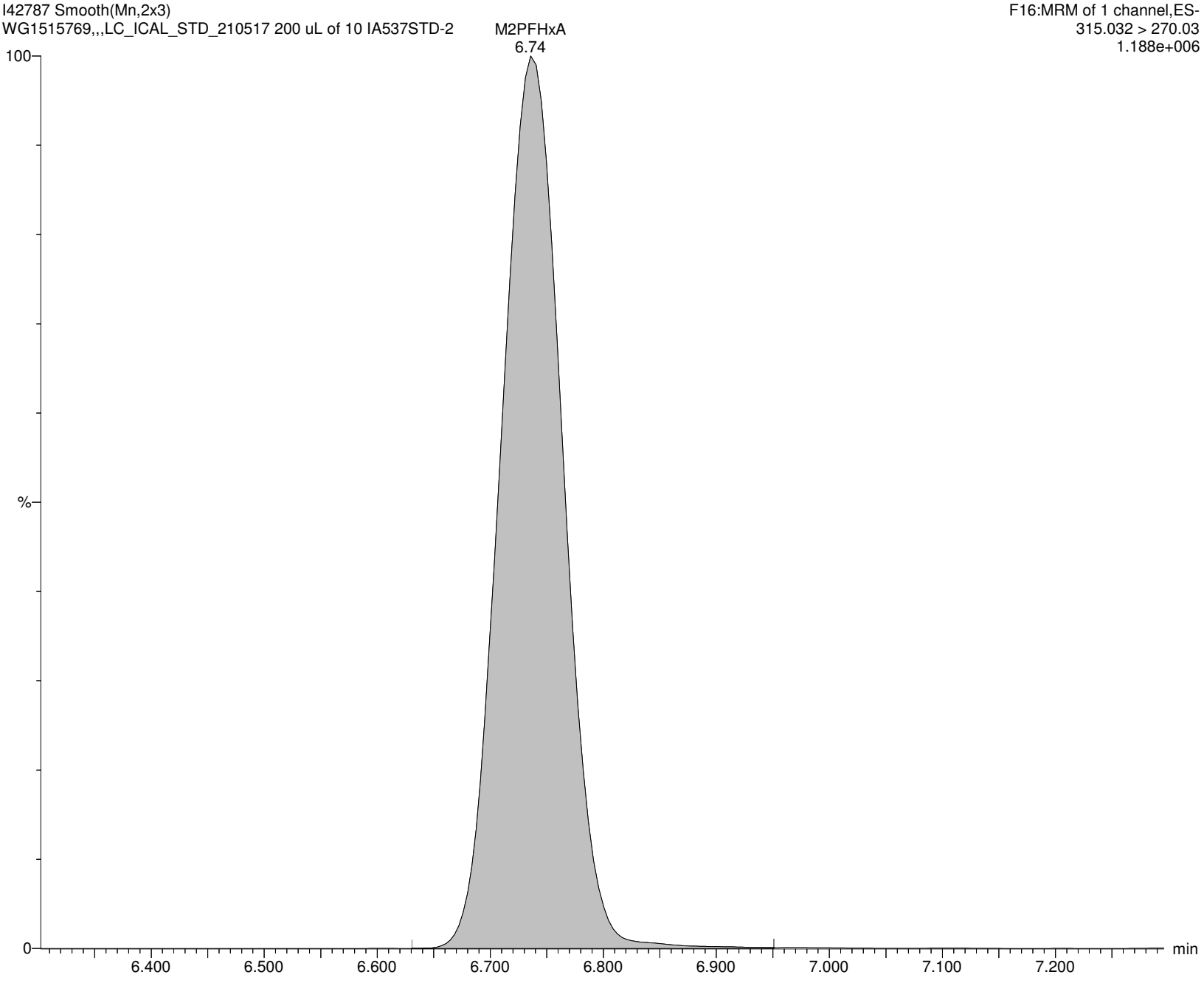


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFHxA

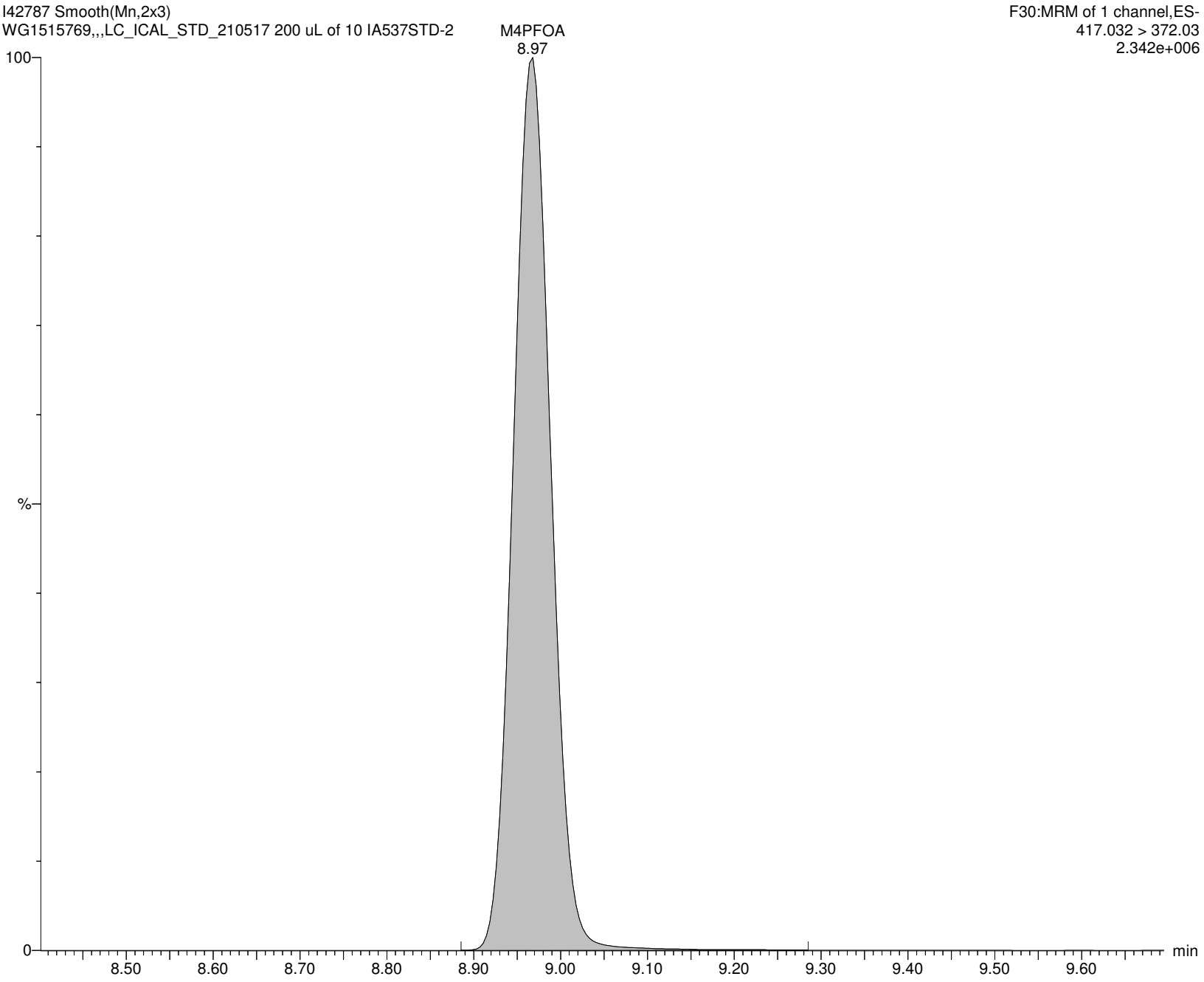


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOA

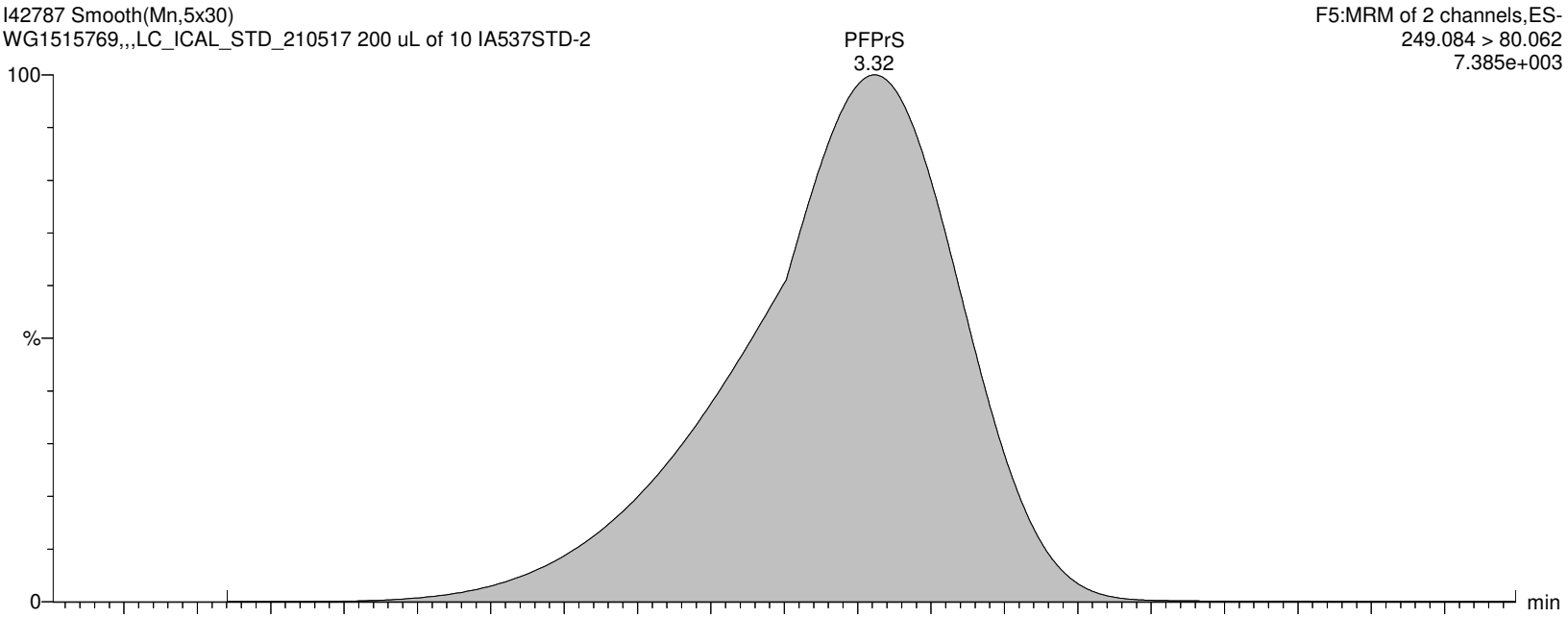


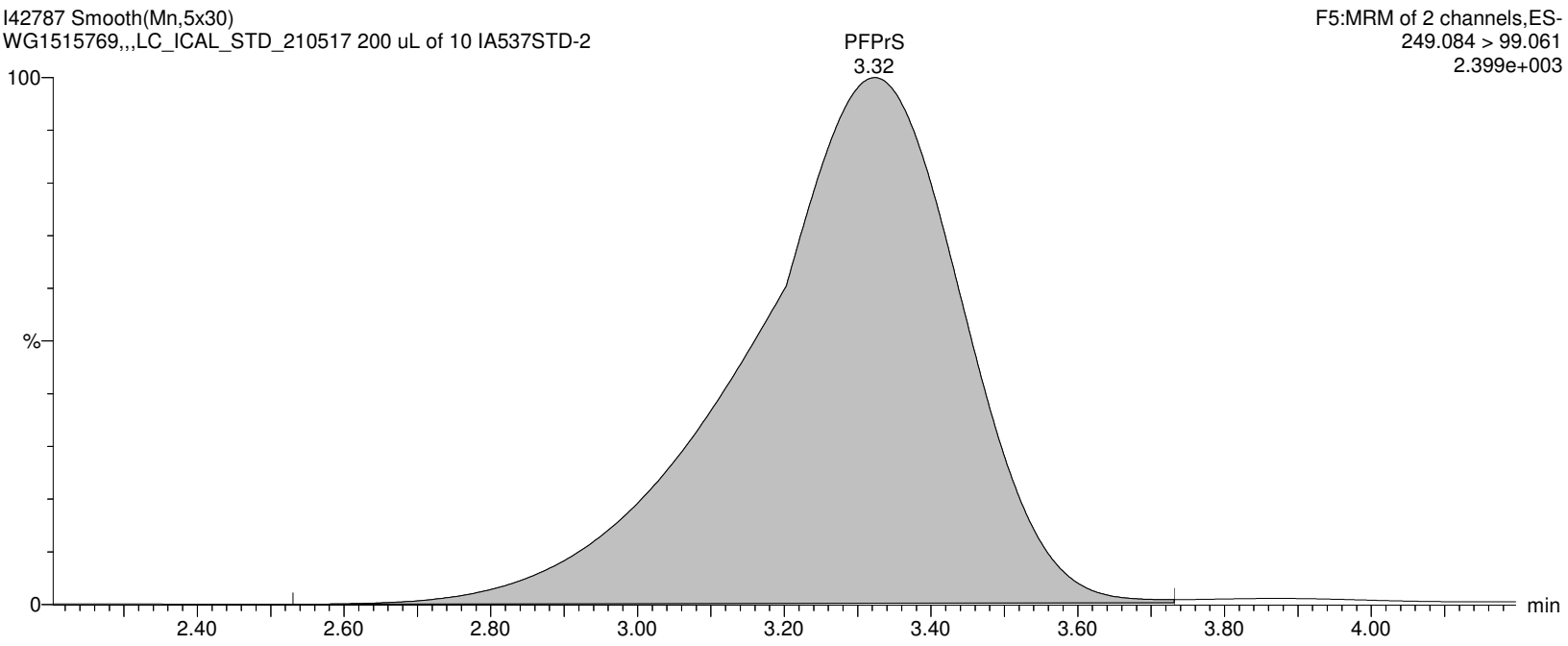
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPrS



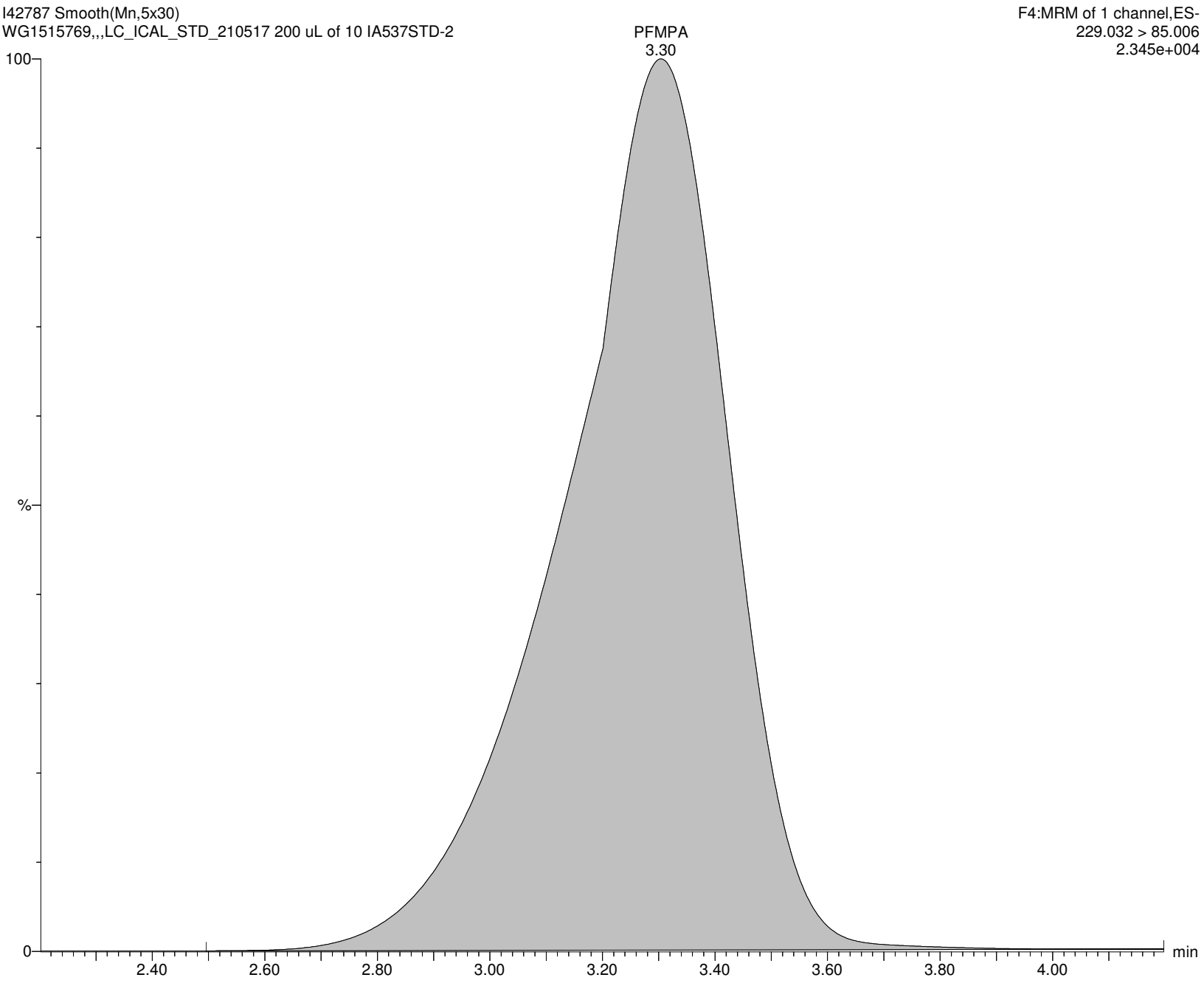


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFMPA

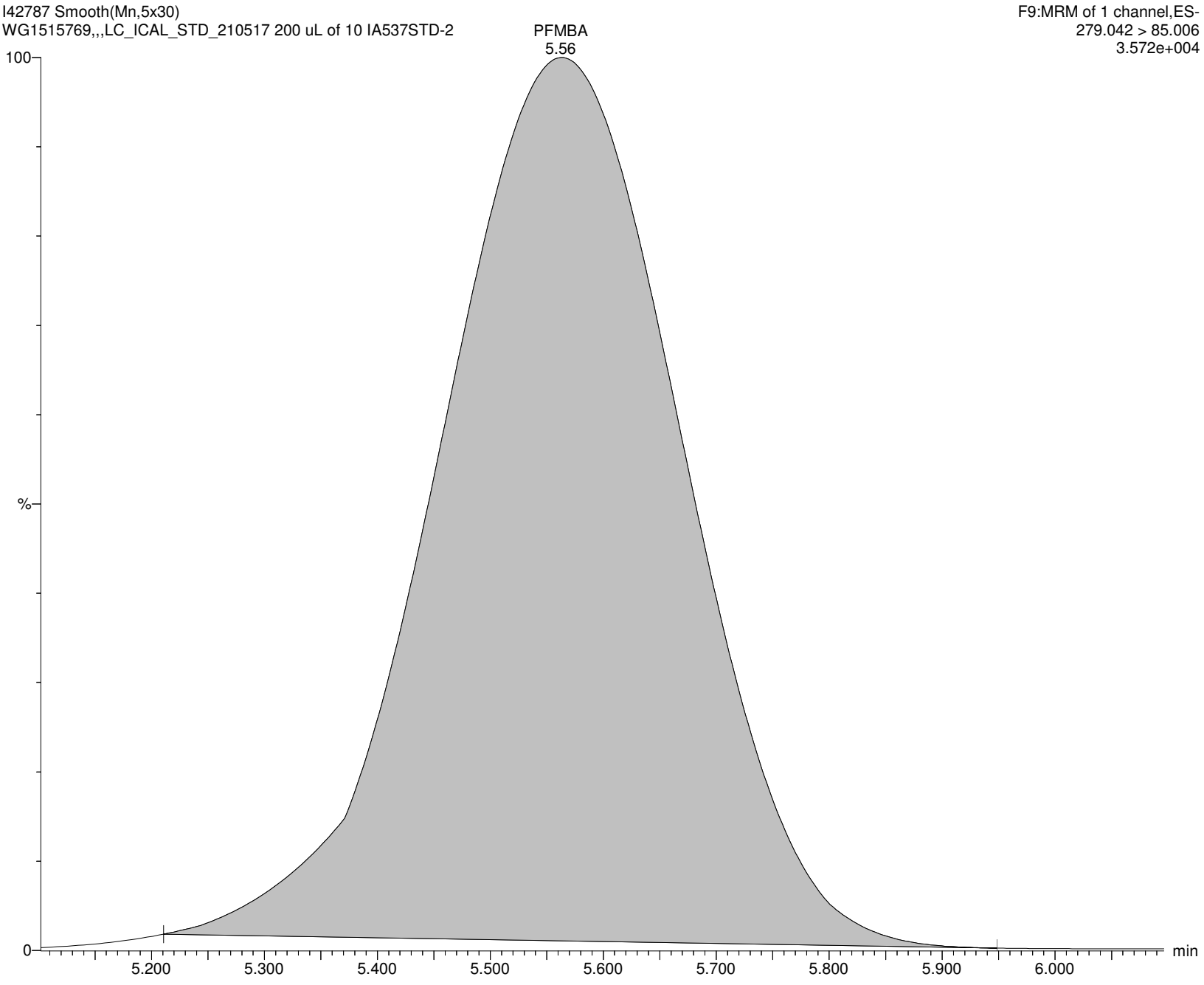


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFMBA

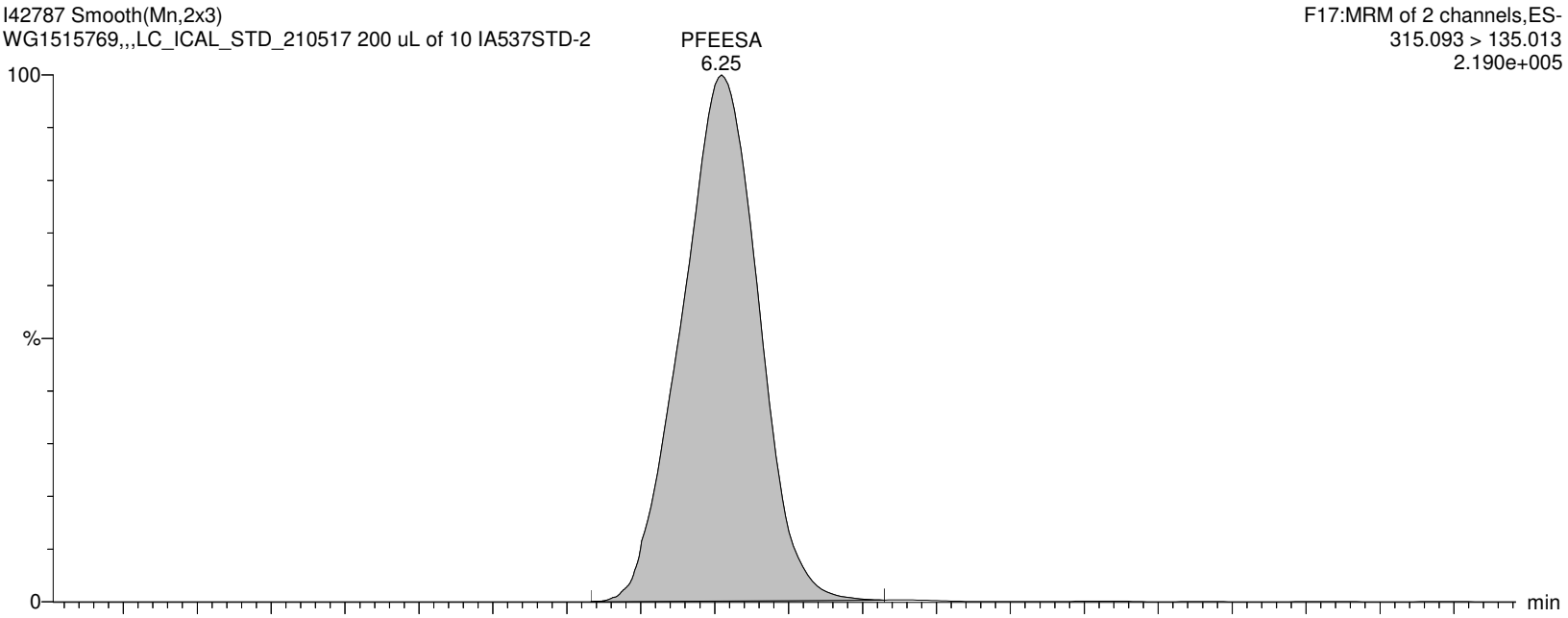


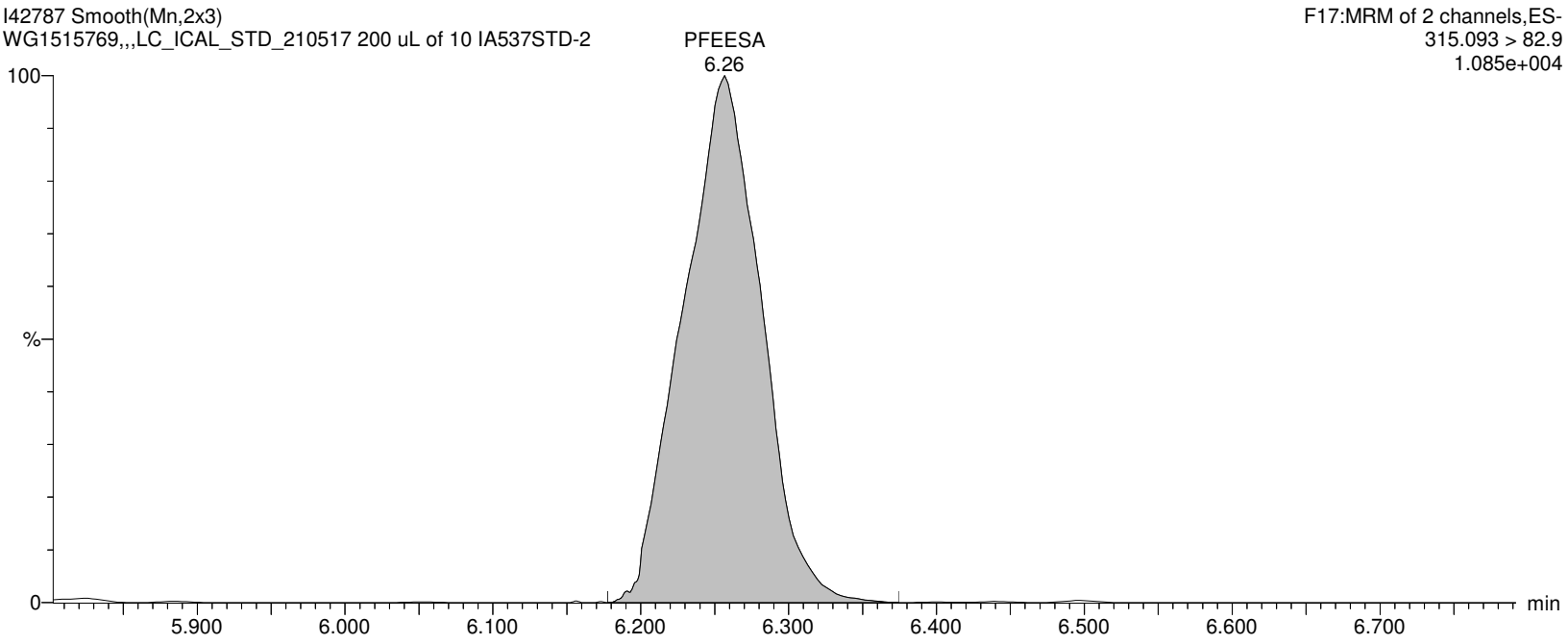
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFEESA



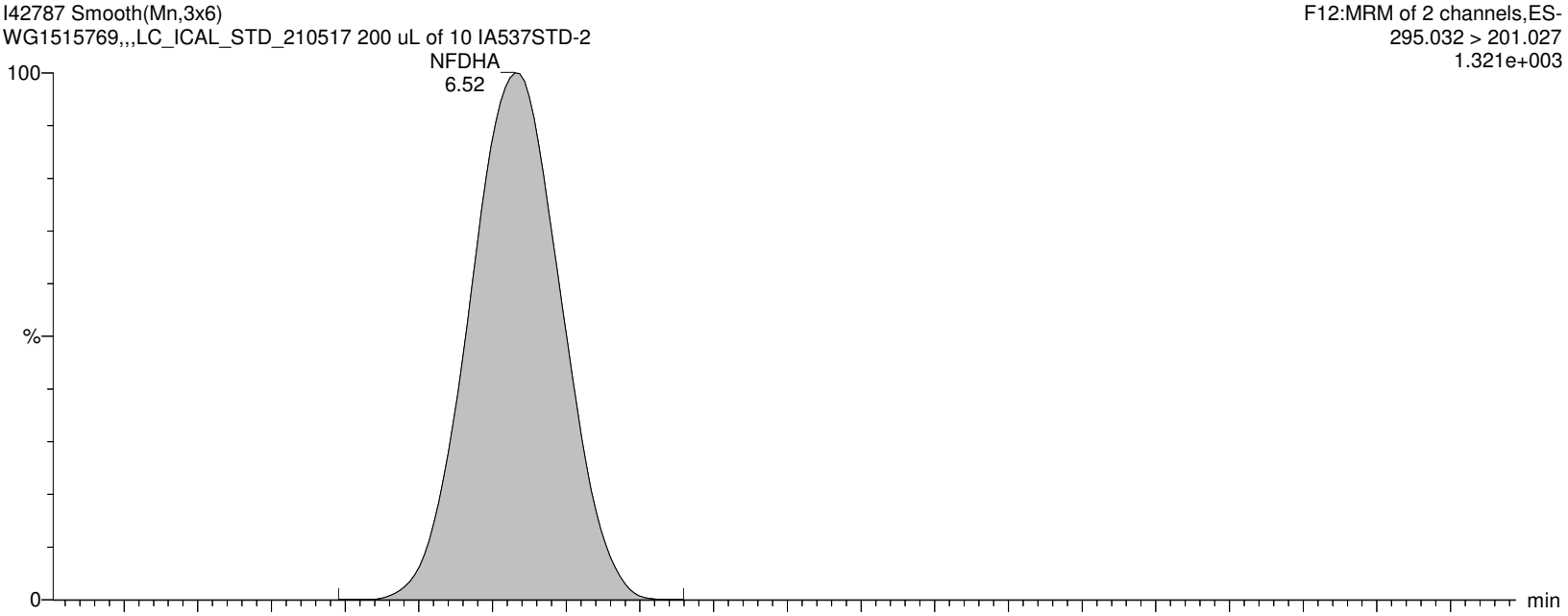


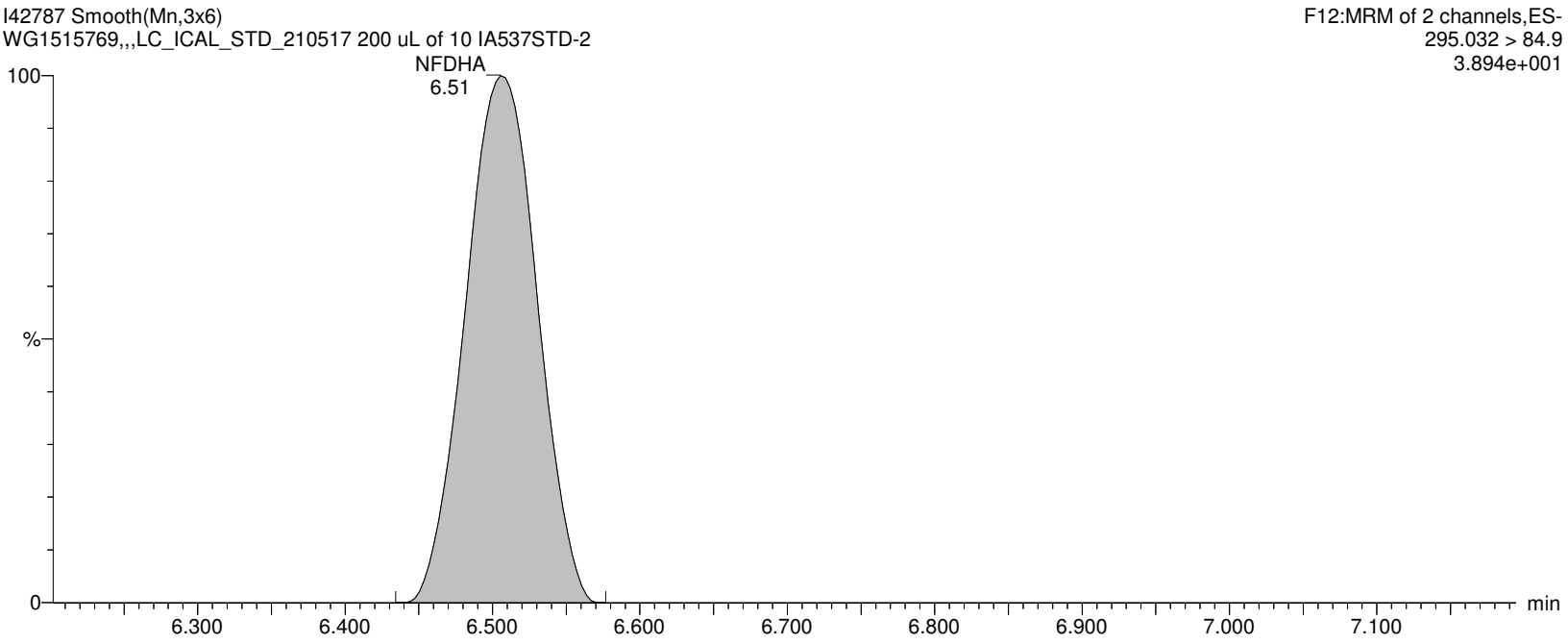
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:45 Eastern Daylight Time

Name: I42787
ID: IA537STD-2
Date: 25-Jun-2021
Time: 18:53:32
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL of 10
User: LCMS02:RS
Vial: 1:C,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NFDHA





all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\MethDB\537ISO_Q_210625_TOP_RT.mdb 22 Jun 2021 09:28:25
Calibration: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

ID: IA537STD-5
Name: I42788
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	1.97	213.032 > 169.022	24777		4.789		na	95.8
2	M3PFBA	INT STD	1.97	216.009 > 171.999	53174		10.129		na	101.3
3	MPFBA	INT STD	1.97	217.001 > 171.999	58137		10.168		na	101.7
4	PFPeA	2706-90-3	4.85	263.039 > 219.03	29487		4.855		na	97.1
5	M5PFPEA	INT STD	4.85	268.001 > 222.999	64551		10.289		na	102.9
6	PFBS	375-73-5	5.51	299.092 > 80.062	6288		4.310	2.00	NO	97.4
7	M3PFBS	INT STD	5.51	302.069 > 80.062	13429		9.985		na	99.9
8	4:2FTS	757124-72-4	6.67	327.146 > 307.139	2258		4.783	2.58	NO	102.3
9	M2-4:2FTS	INT STD	6.67	329.13 > 309.124	4877		9.049		na	90.5
10	PFHxA	307-24-4	6.74	313.047 > 269.037	35119		4.806	15.89	NO	96.1
11	M5PFHxA	INT STD	6.74	318.009 > 273.007	68872		10.218		na	102.2
12	PFPeS	2706-91-4	7.07	349.1 > 80.062	6811		5.050	2.28	NO	107.4
13	PFHpA	375-85-9	8.03	363.055 > 319.045	50076		4.806	5.51	NO	96.1
14	M4PFHpA	INT STD	8.03	367.025 > 322.022	102991		10.249		na	102.5
15	br-PFHxS	355-46-4	7.96	399.107 > 80.062	1207	M5,M7	0.932	2.52	NO	109.6
16	L-PFHxS	355-46-4	8.20	399.107 > 80.062	5811		3.471	1.57	NO	93.8
17	PFHxS	355-46-4		399.107 > 80.062	7018		4.402		na	
18	M3PFHxS	INT STD	8.19	402.084 > 80.062	15345		10.062		na	100.6
19	br-PFOA	335-67-1		413.063 > 369.053			ND		YES	
20	L-PFOA	335-67-1	8.98	413.063 > 369.053	53670		4.872	8.89	NO	97.4
21	PFOA	335-67-1		413.063 > 369.053	53670		4.872		na	
22	M8PFOA	INT STD	8.98	421.002 > 376.	114319		10.215		na	102.2
23	M2PFOA	INT STD	8.98	415.048 > 370.045	110229		10.408		na	104.1
24	6:2FTS	27619-97-2	8.94	427.161 > 407.155	2405		4.977	4.01	NO	104.8
25	M2-6:2FTS	INT STD	8.94	429.146 > 409.14	4951		8.949		na	89.5
26	PFHpS	375-92-8	9.08	449.115 > 80.062	4491		4.555	1.07	NO	95.9
27	PFNA	375-95-1	9.74	463.071 > 419.061	40270		4.901	3.91	NO	98.0
28	M9PFNA	INT STD	9.74	472.002 > 427.	32892		10.232		na	102.3
29	br-PFOS	1763-23-1	9.61	499.123 > 80.062	1597	M5,M7	1.059	4.17	NO	105.9
30	L-PFOS	1763-23-1	9.80	499.123 > 80.062	4707		3.871	1.77	NO	106.0
31	PFOS	1763-23-1		499.123 > 80.062	6303		4.930		na	
32	M4PFOS	INT STD	9.80	503.093 > 80.062	12189		10.769		na	107.7
33	M8PFOS	INT STD	9.79	507.062 > 80.062	13761		10.075		na	100.8
34	PFDA	335-76-2	10.35	513.078 > 469.069	35902		4.657	5.48	NO	93.1
35	M2PFDA	INT STD	10.35	515.053 > 469.934	65537		10.743		na	107.4
36	M6PFDA	INT STD	10.35	519.033 > 474.03	77474		10.415		na	104.1
37	8:2FTS	39108-34-4	10.34	527.177 > 507.171	1177	M7	4.937	5.15	NO	102.8
38	M2-8:2FTS	INT STD	10.34	529.162 > 509.155	3709		9.119		na	91.2
39	PFNS	68259-12-1	10.38	549.131 > 80.062	5012		4.715	1.39	NO	98.2

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

ID: IA537STD-5
Name: I42788
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.75	573.22 > 419.061	6969		9.939		na	99.4
41	br-NMeFOSAA		10.61	570.202 > 419.061	304	M5,M7	1.121	1.77	NO	93.4
42	L-NMeFOSAA		10.76	570.202 > 419.061	2874		3.786	2.37	NO	99.6
43	NMeFOSAA	2355-31-9		570.202 > 419.061	3178		4.908		na	
44	PFUnA	2058-94-8	10.87	563.086 > 519.076	33940		4.588	10.12	NO	91.8
45	M7-PFUDA	INT STD	10.87	570.033 > 525.031	73342		10.572		na	105.7
46	PFDS	335-77-3	10.89	599.139 > 80.062	5721		5.008	1.75	NO	103.8
47	FOSA	754-91-6	10.94	498.146 > 78.07	16897		4.883	121.10	NO	97.7
48	M8FOSA	INT STD	10.94	506.077 > 78.07	40419		10.036		na	100.4
49	br-NEtFOSAA		10.91	584.229 > 419.061	242	M5,M7	1.289	0.67	NO	114.6
50	L-NEtFOSAA		11.06	584.229 > 419.061	1970		3.541	1.16	NO	91.4
51	NEtFOSAA	2991-50-6		584.229 > 419.061	2212		4.830		na	
52	d5-NEtFOSAA	INT STD	11.05	589.259 > 419.061	5639		9.733		na	97.3
53	PFDoA	307-55-1	11.34	613.094 > 569.084	35141		4.975	19.53	NO	99.5
54	MPFDOA	INT STD	11.34	615.079 > 570.077	67263		10.050		na	100.5
55	PFTrDA	72629-94-8	11.75	663.102 > 619.092	28125		5.541	10.83	NO	110.8
56	PFTA	376-06-7	12.11	713.11 > 669.1	19851		4.880	9.20	NO	97.6
57	M2PFTEDA	INT STD	12.11	715.094 > 670.092	20893		9.953		na	99.5
58	M3HFPO-DA	INT STD	7.17	287.02 > 169.022	5644		180.978		na	90.5
59	HFPO-DA	13252-13-6	7.18	285.035 > 169.022	1548		56.489	4.36	NO	113.0
60	ADONA	958445-44-8	8.21	377.06 > 251.028	44904		4.946	41.59	NO	104.5
61	PFHxDA		12.63	813.122 > 769.116	10033		5.104	21.25	NO	102.1
62	PFODA		12.86	913.411 > 869.131	1125	M4	4.673	21.99	NO	93.5
63	M2PFHxDA		12.63	815.102 > 770.108	29731		9.669		na	96.7
64	PFDoS		11.74	699.154 > 80.062	3536		4.739	2.35	NO	94.8
65	M2D4-10:2FTS		11.34	633.201 > 612.189	4553	M4	21.145		na	107.0
66	10:2FTS		11.35	627.192 > 607.186	1144	M2,M7	4.278	1.84	NO	88.7
67	9CL-PF3ONS		10.14	530.862 > 350.843	22869		4.129	2.62	NO	88.6
68	11CL-PFOUdS		11.15	630.862 > 450.854	22431		4.374	3.10	NO	92.9
69	NMeFOSA		11.56	512.163 > 169.022	17647		26.697	1.60	NO	106.8
70	d3-NMeFOSA		11.56	515.183 > 169.022	81628		98.929		na	98.9
71	NEtFOSA		11.87	526.192 > 169.022	17972		25.118	4.70	NO	100.5
72	d5-NEtFOSA		11.86	531.222 > 169.022	90216		98.492		na	98.5
73	NMeFOSE		11.56	615.8 > 59.045	20790		14.294		na	114.4
74	d7-NMeFOSE		11.55	622.84 > 59.045	67250		99.388		na	99.4
75	NEtFOSE		11.85	629.862 > 59.045	23164		13.613		na	108.9
76	d9-NEtFOSE		11.83	638.734 > 59.045	64579		94.514		na	94.5
77	M3PFPeA		4.86	266.017 > 222.007	71467		10.544		na	105.4
78	M2PFHxA		6.74	315.032 > 270.03	73031		10.583		na	105.8
79	M4PFOA		8.98	417.032 > 372.03	114073		10.728		na	107.3
80	PFPrS	423-41-6	3.32	249.084 > 80.062	6402		4.860	2.92	NO	106.1
81	PFMPA		3.30	229.032 > 85.006	19739		5.270		na	105.4
82	PFMBA		5.57	279.042 > 85.006	21989		5.270		na	105.4

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

ID: IA537STD-5
Name: I42788
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
83	PFEESA		6.26	315.093 > 135.013	33307		4.862	21.30	NO	109.3
84	NFDHA		6.52	295.032 > 201.027	222		4.675	38.05	NO	93.5

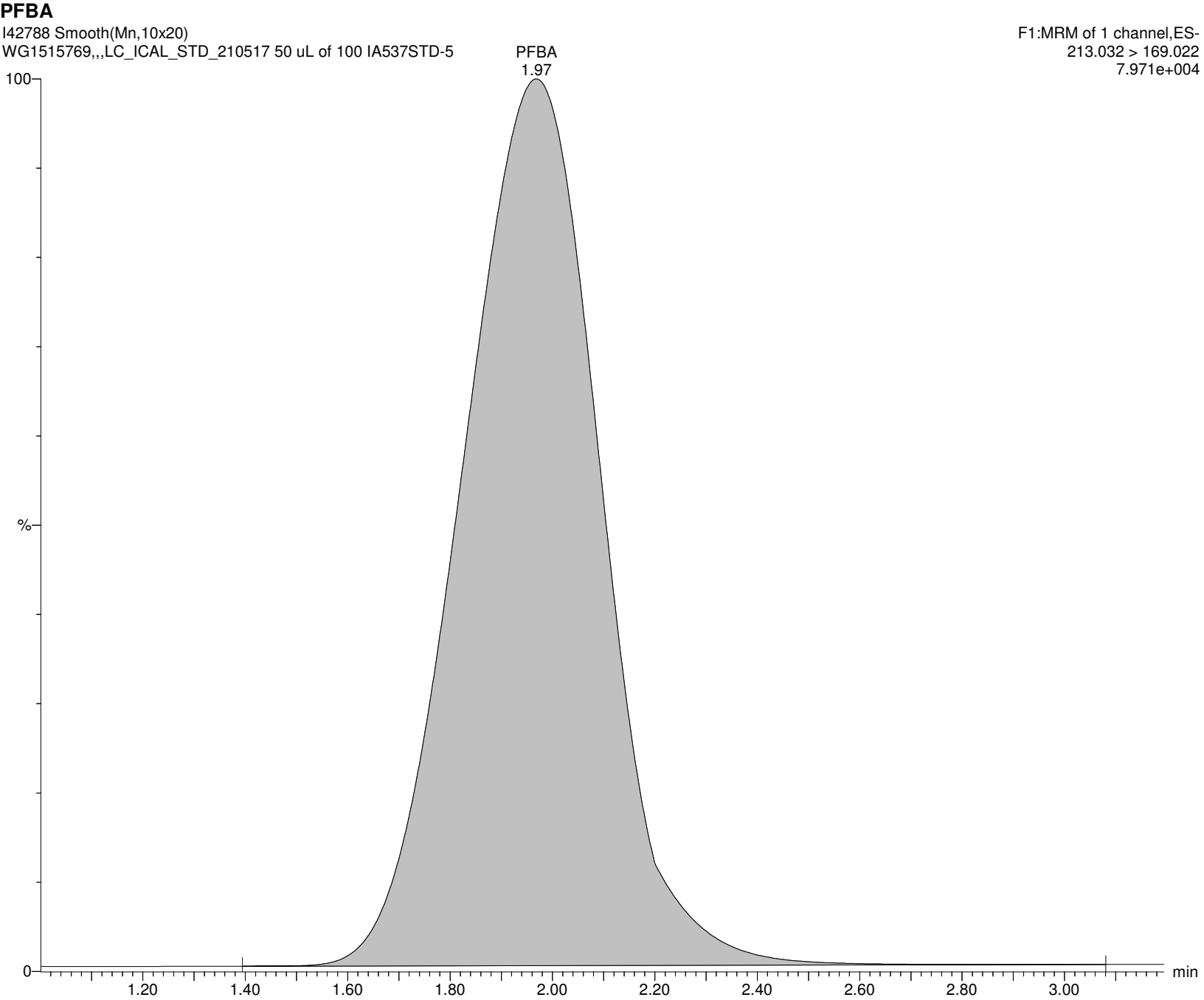
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\MethDB\537ISO_Q_210625_TOP_RT.mdb 22 Jun 2021 09:28:25
Calibration: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBA

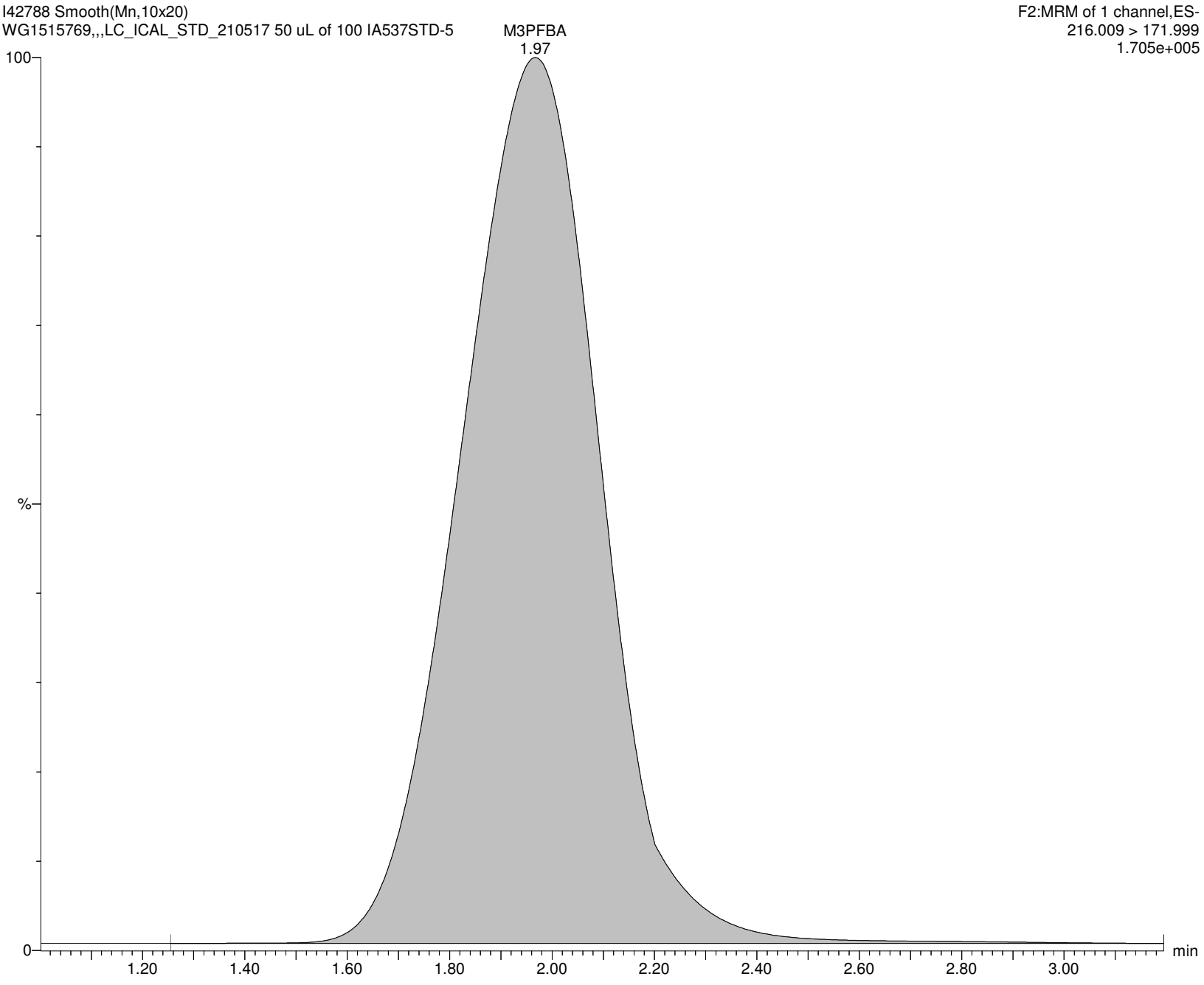


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBA

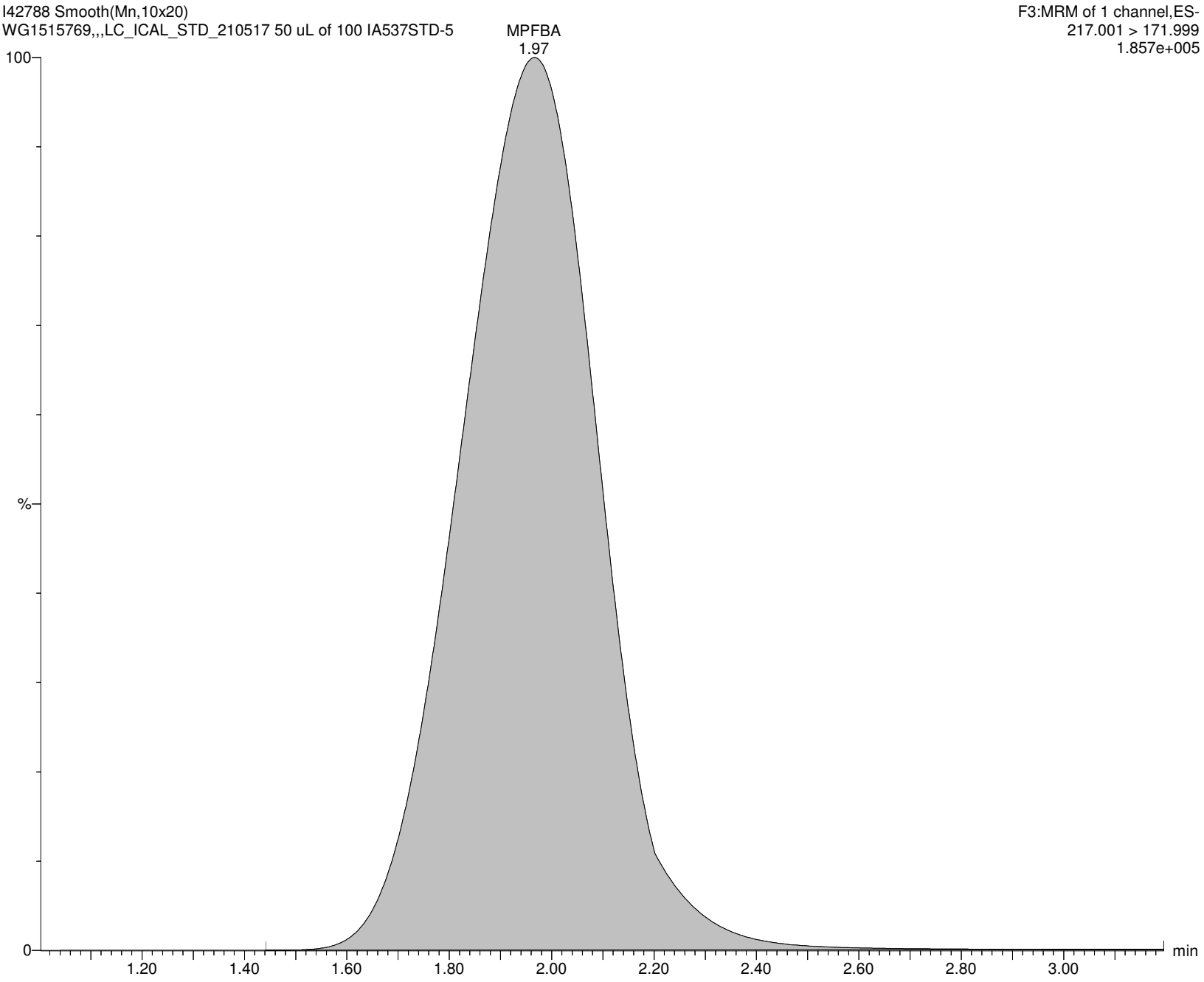


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFBA

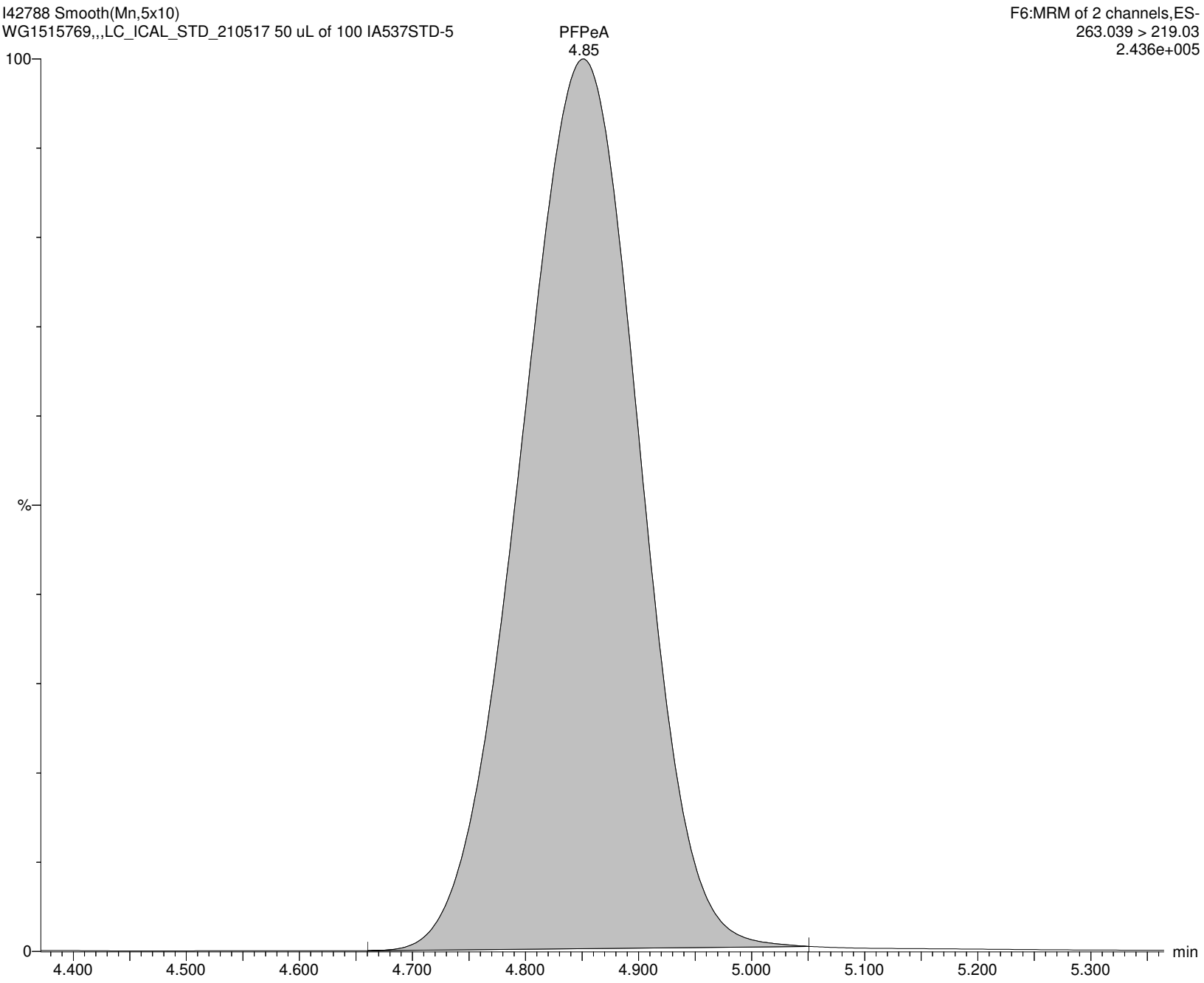


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeA

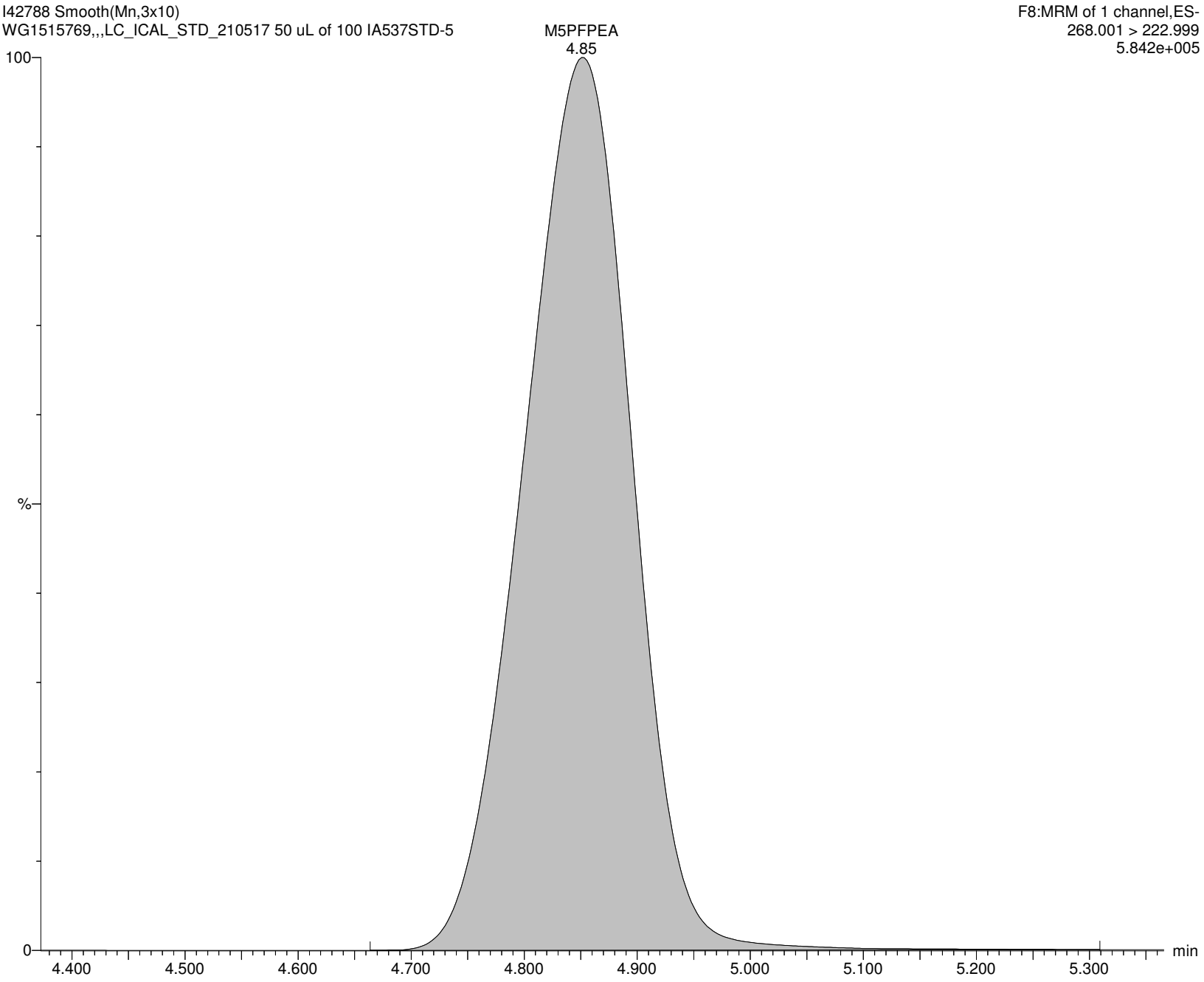


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFPEA

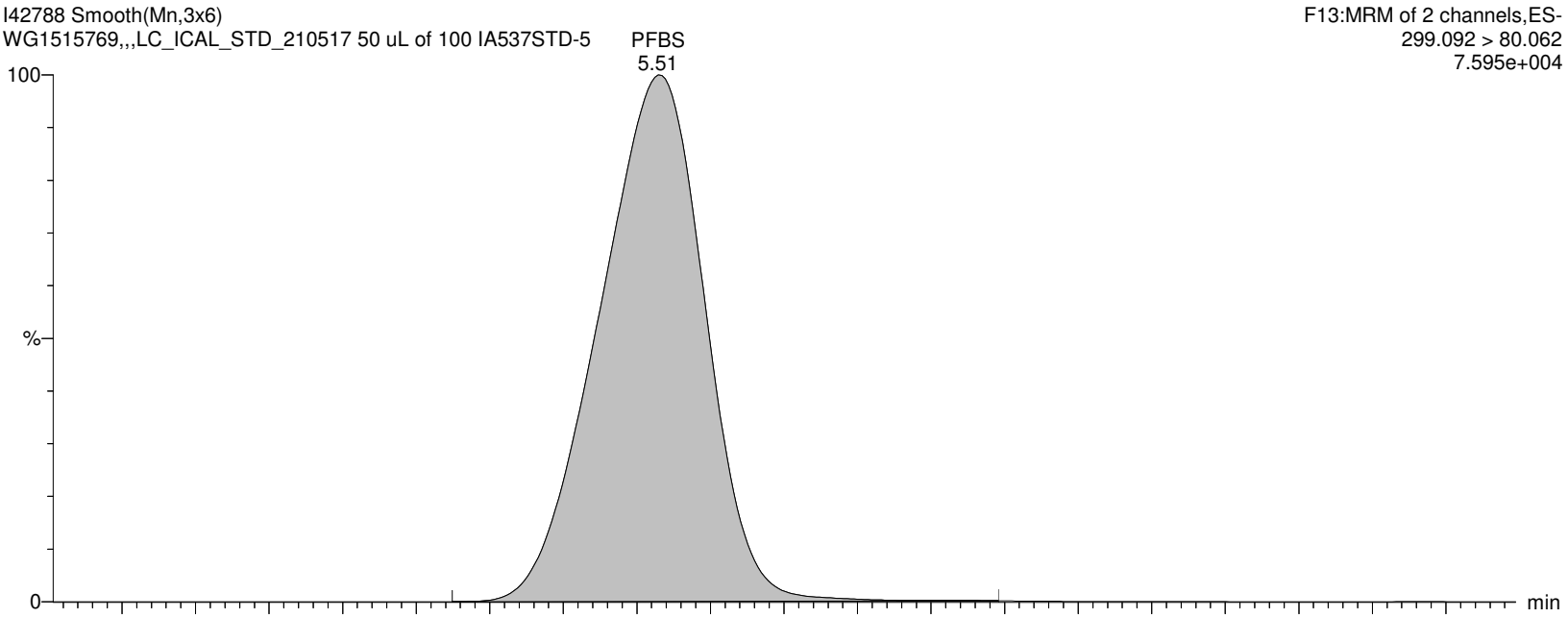


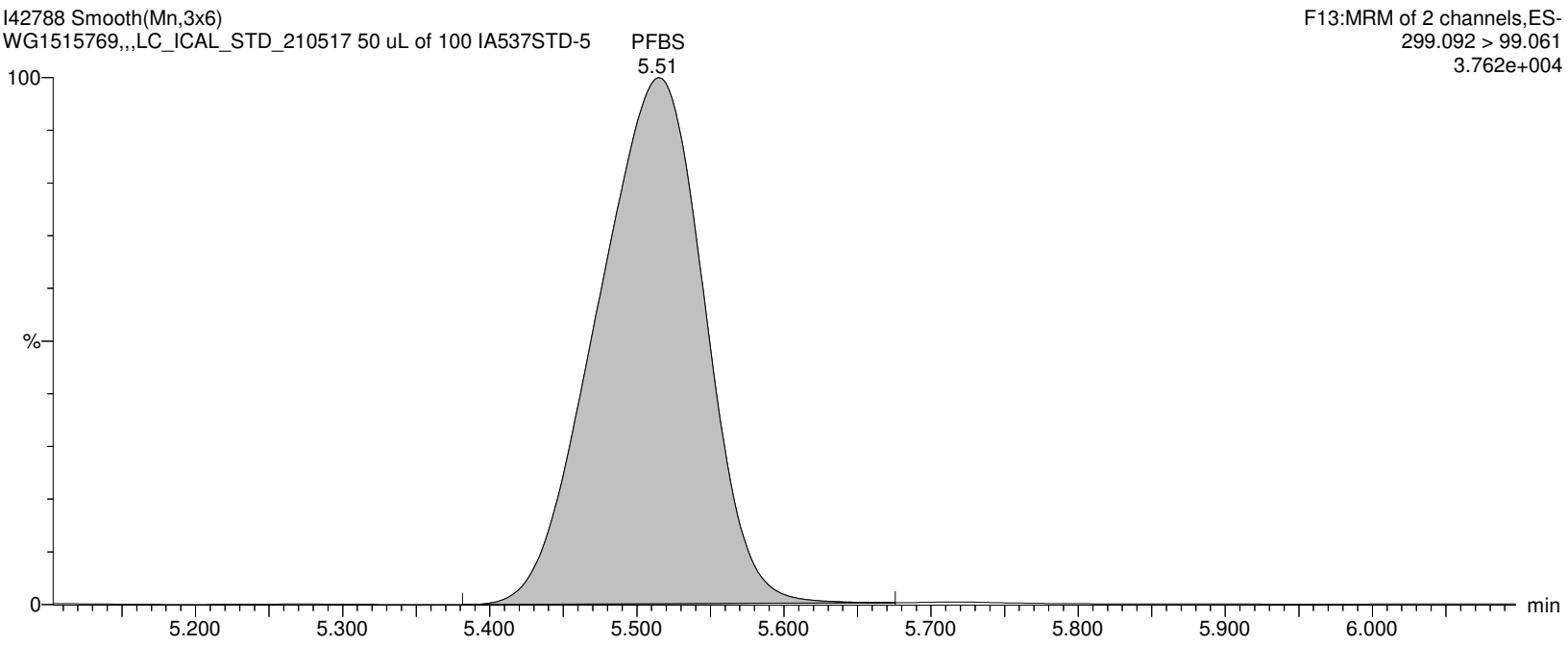
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBS



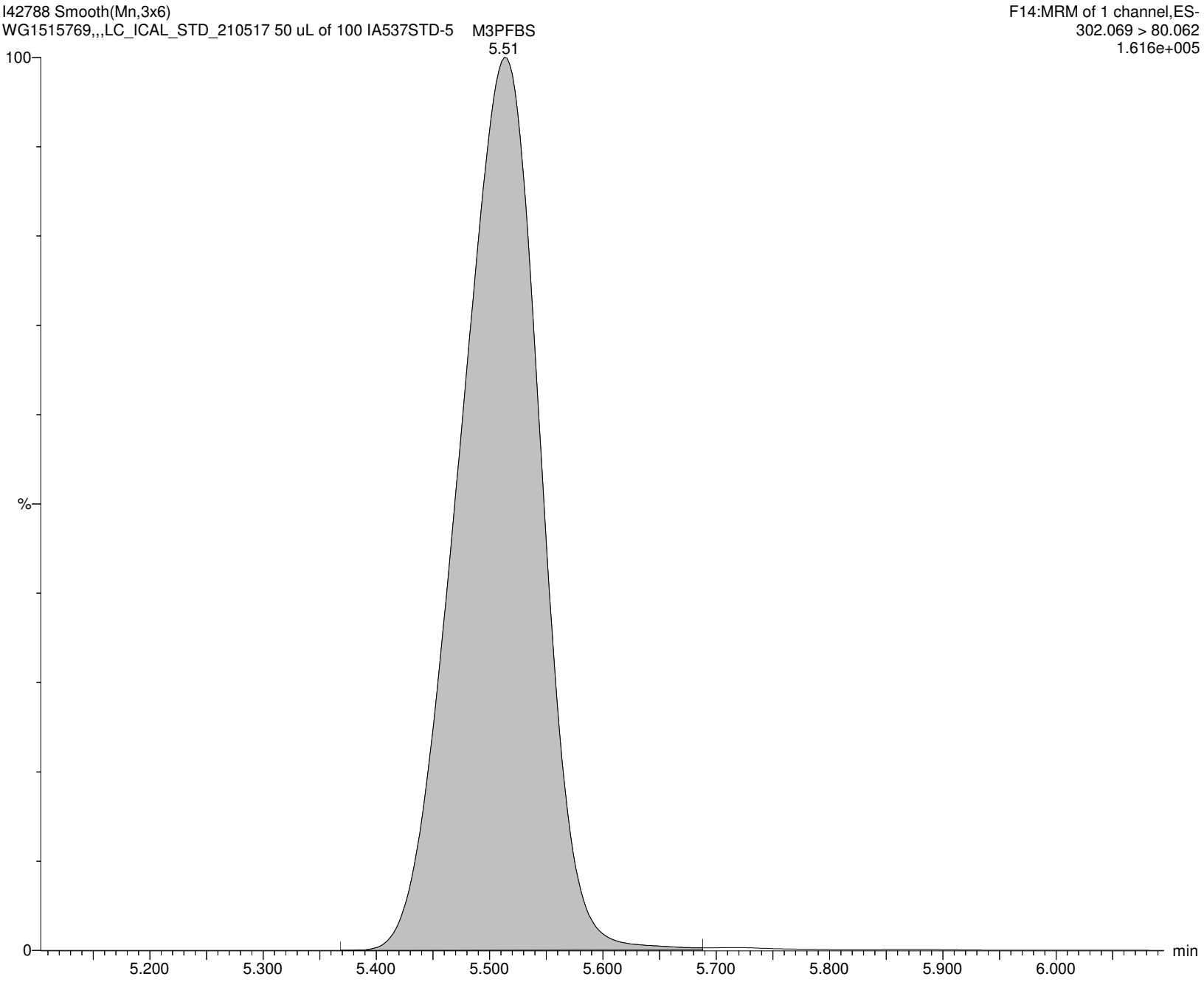


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBS

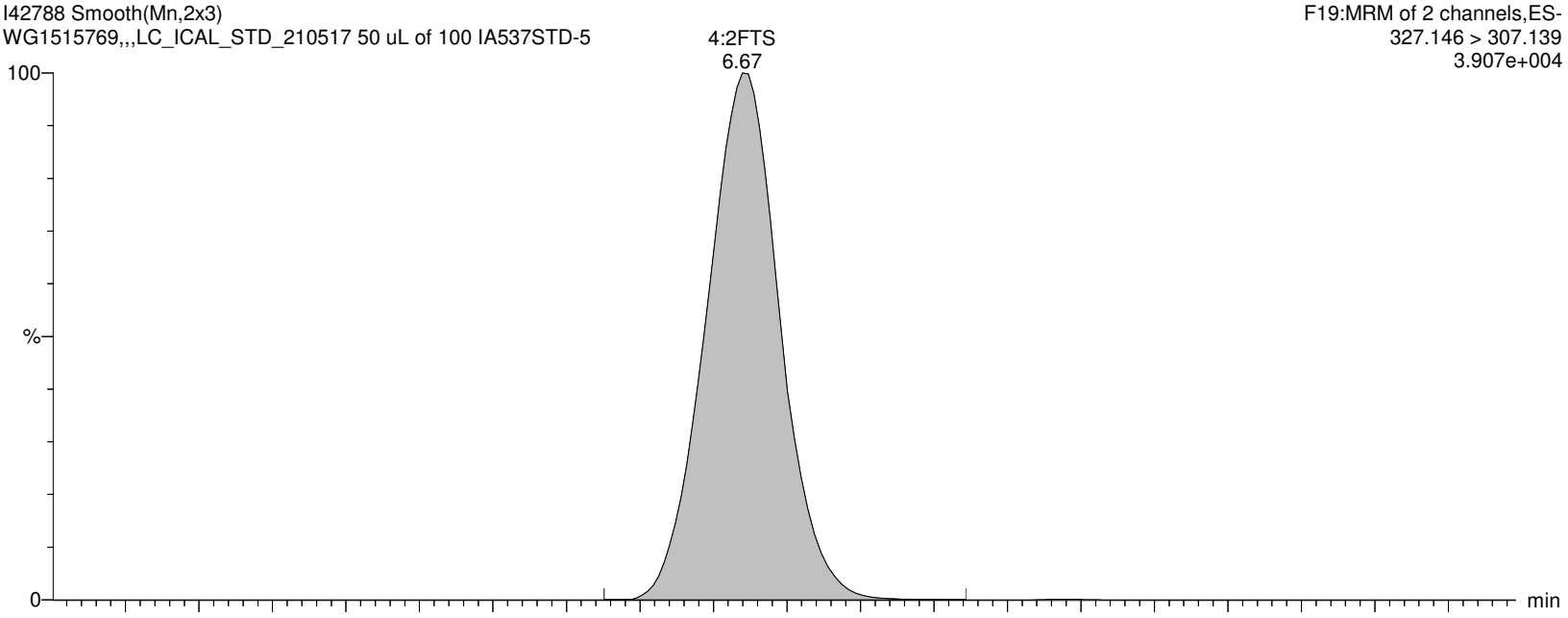


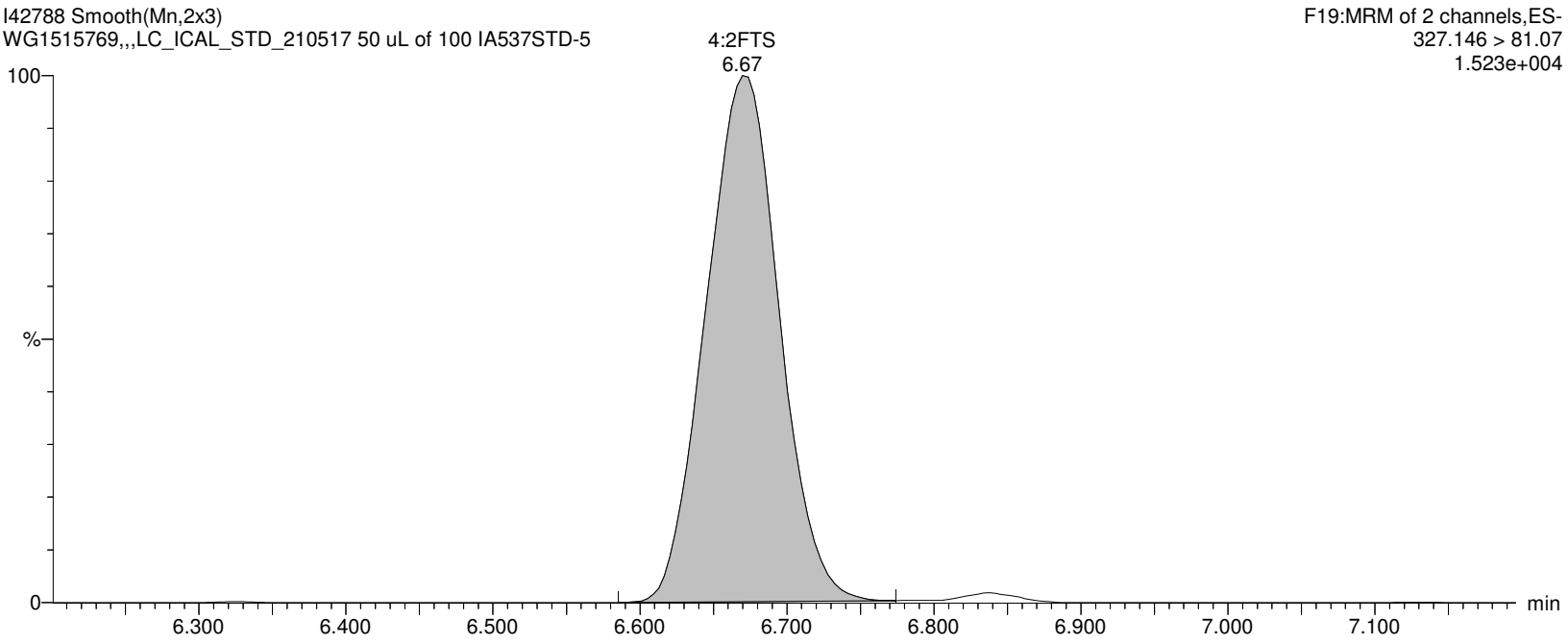
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

4:2FTS



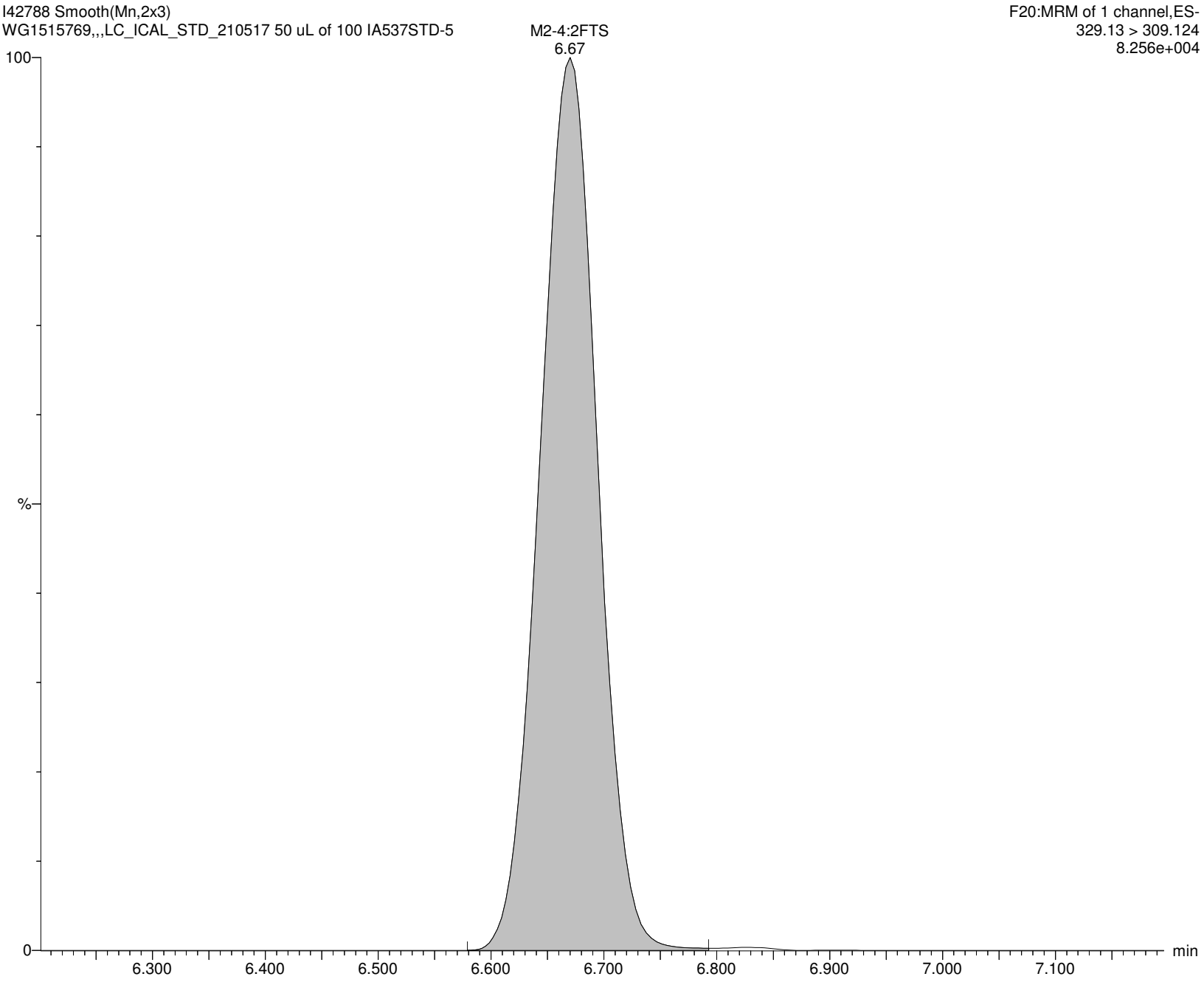


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-4:2FTS

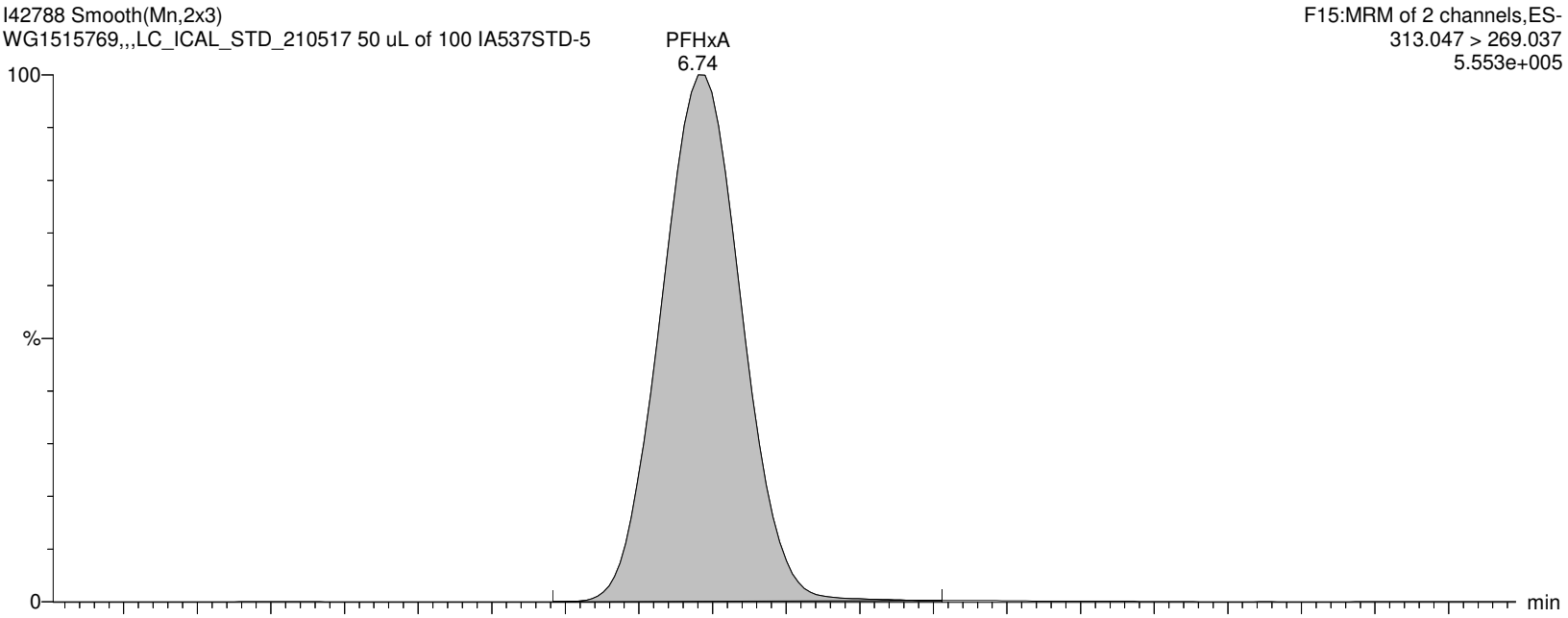


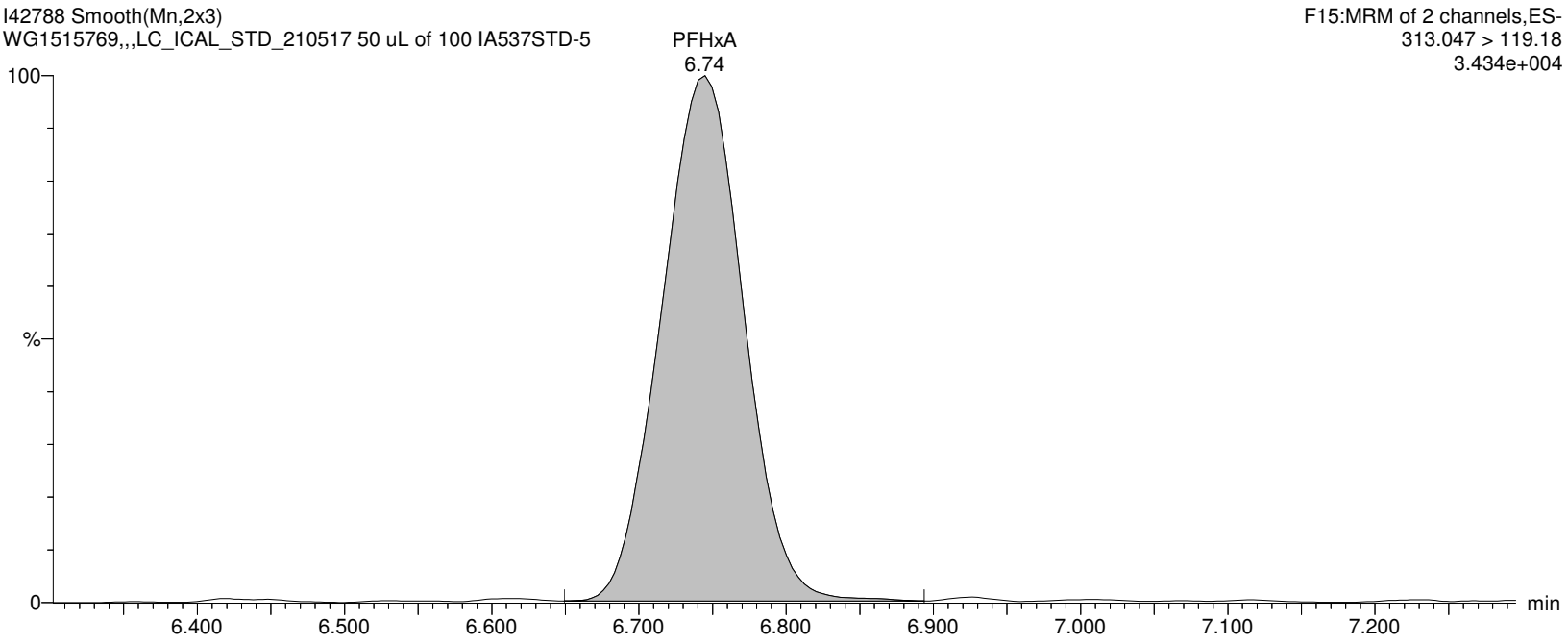
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxA



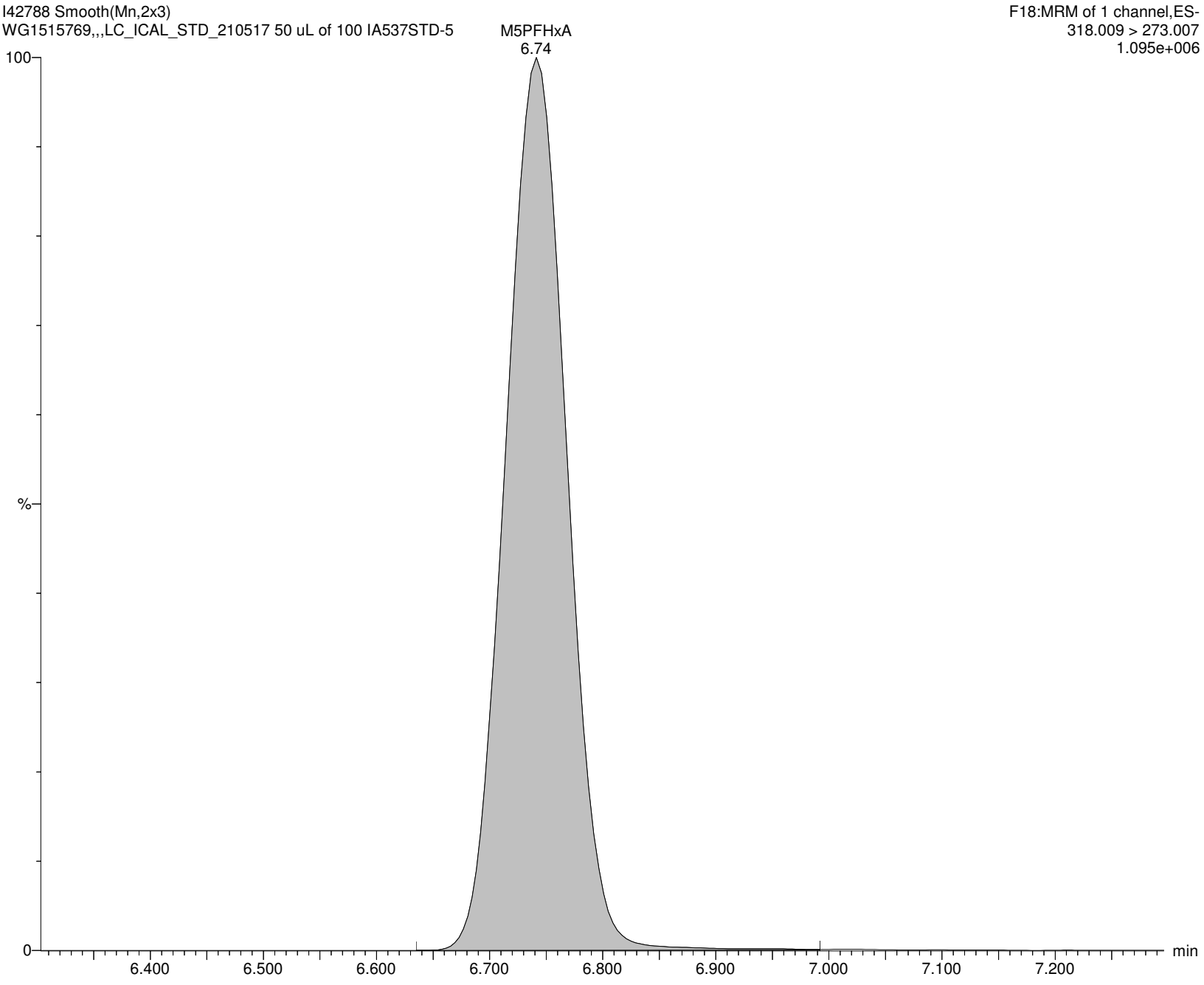


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFHxA

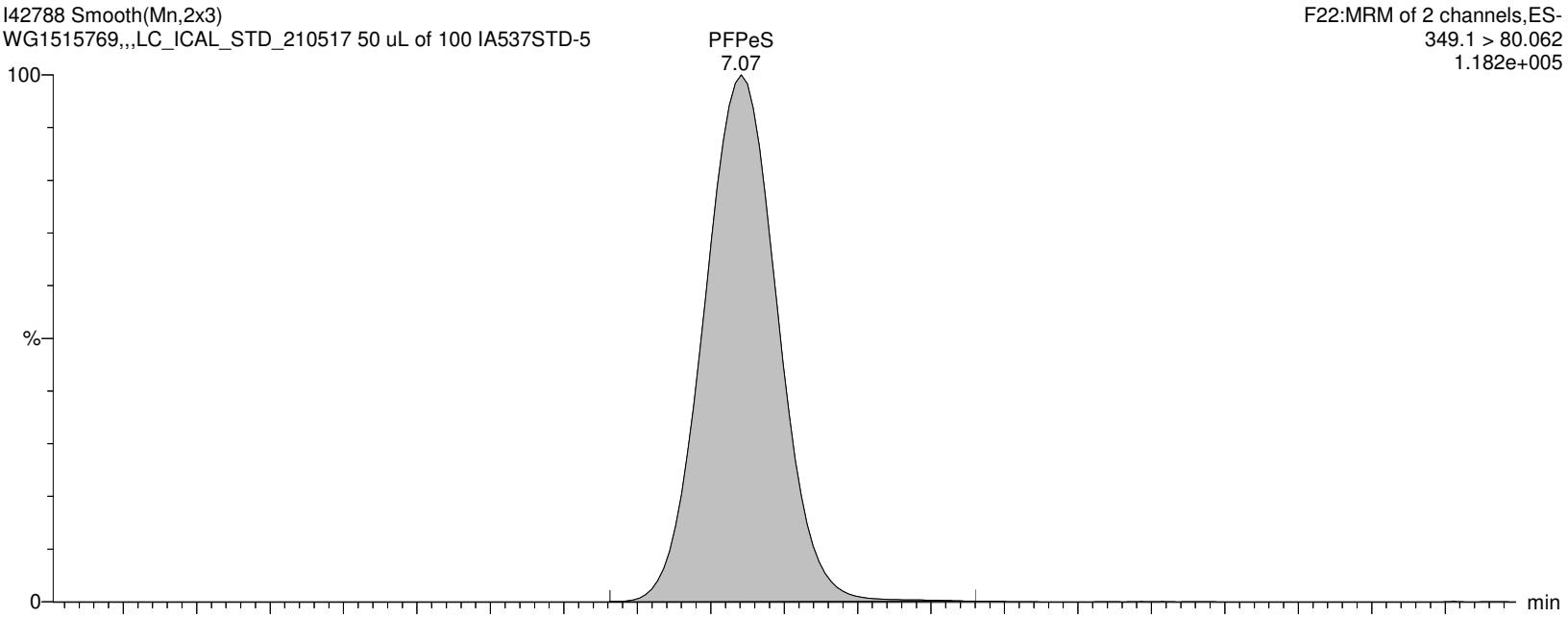


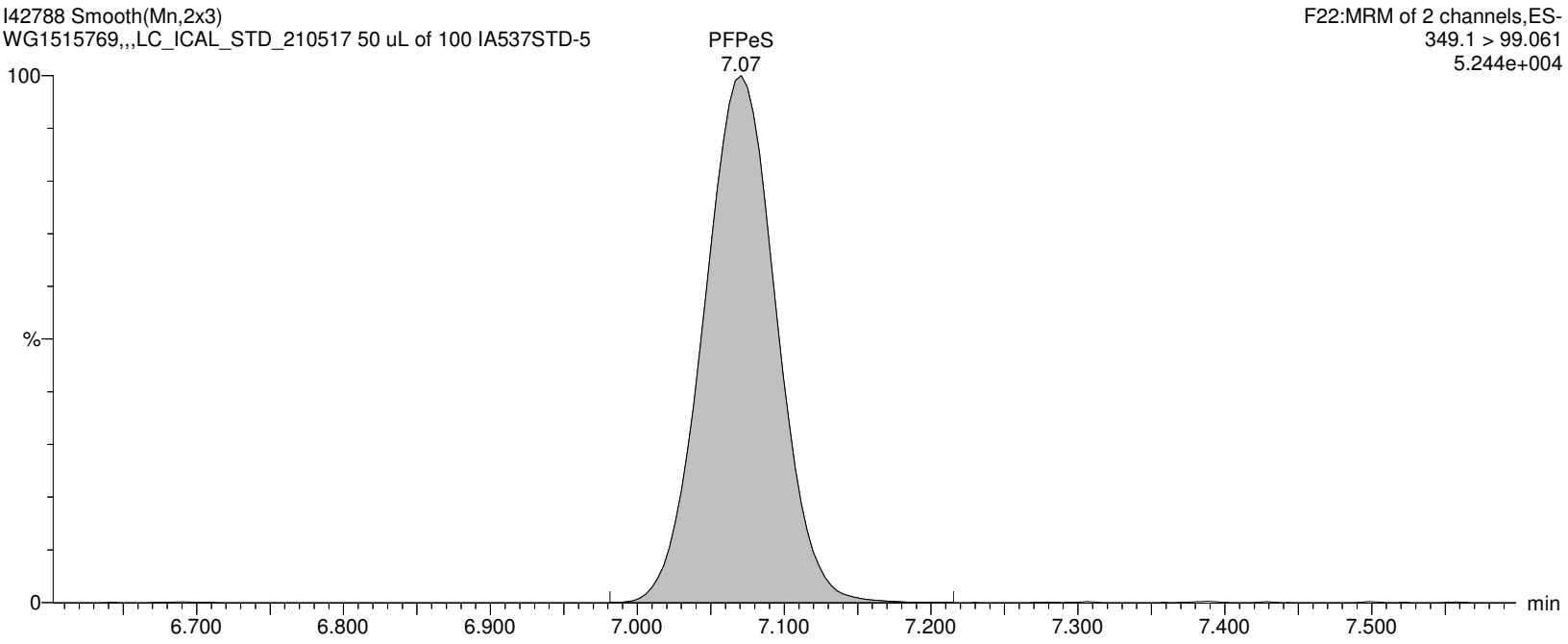
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeS



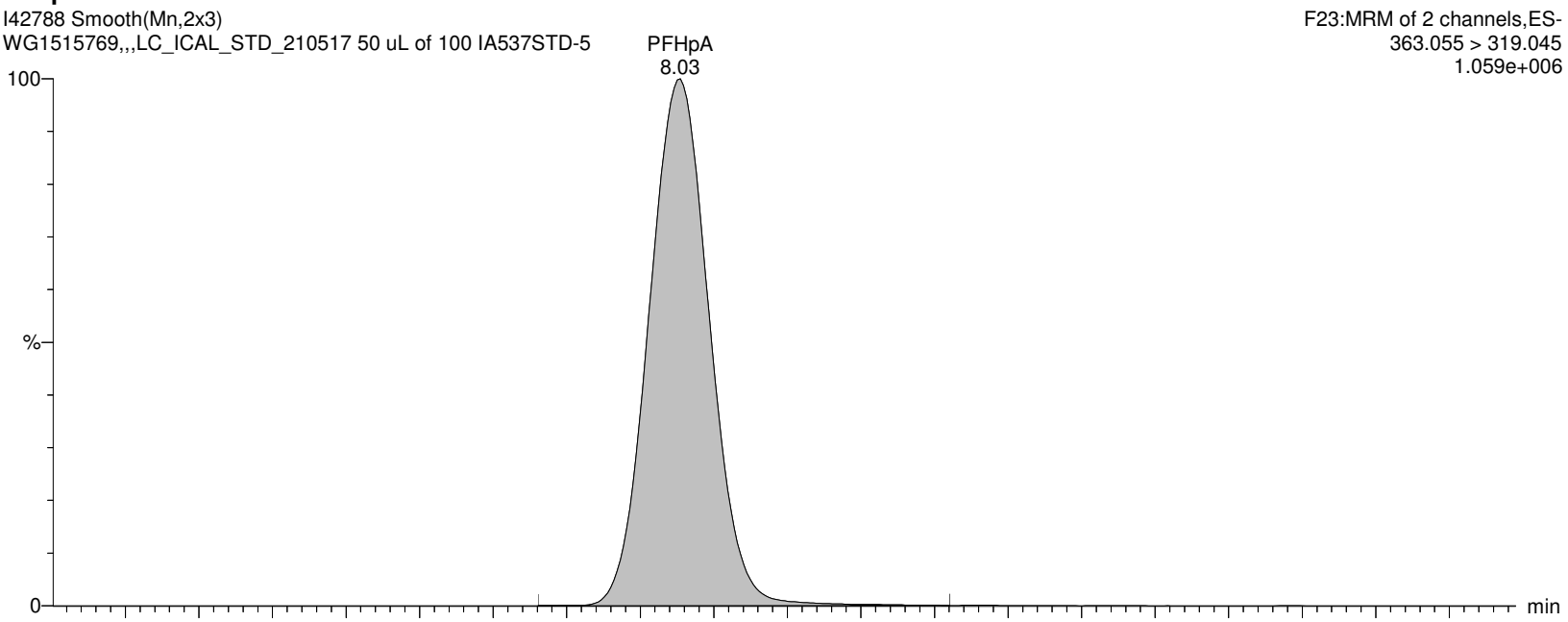


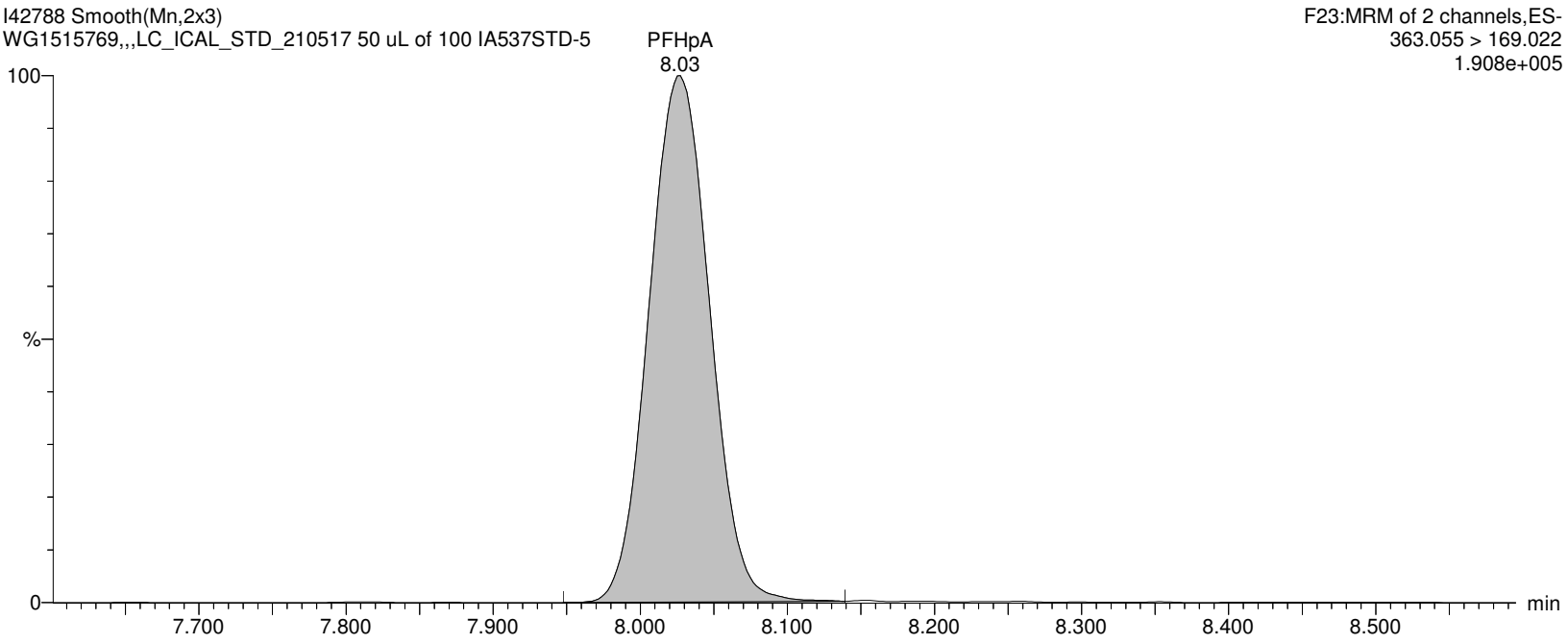
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpA



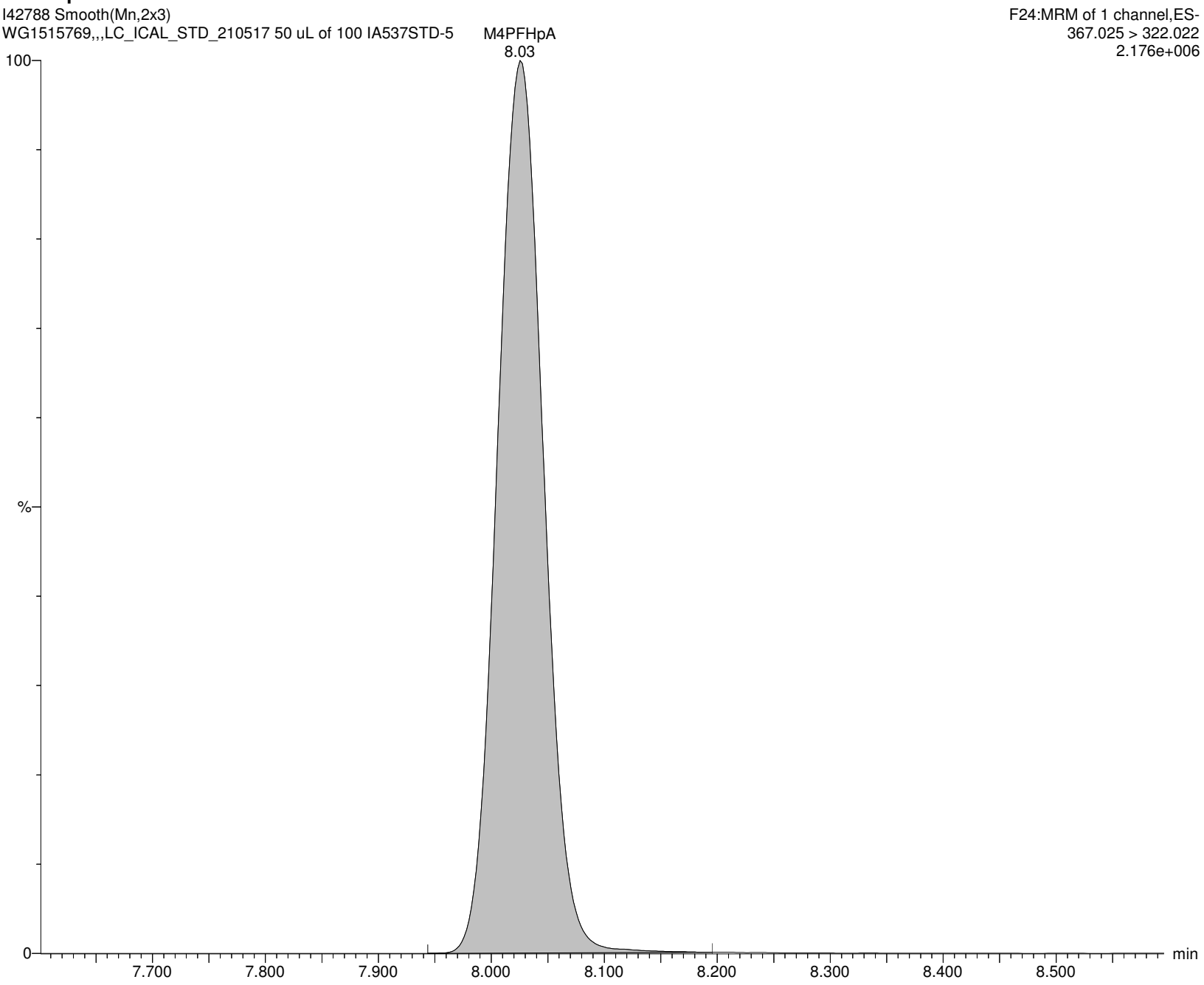


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFHpA

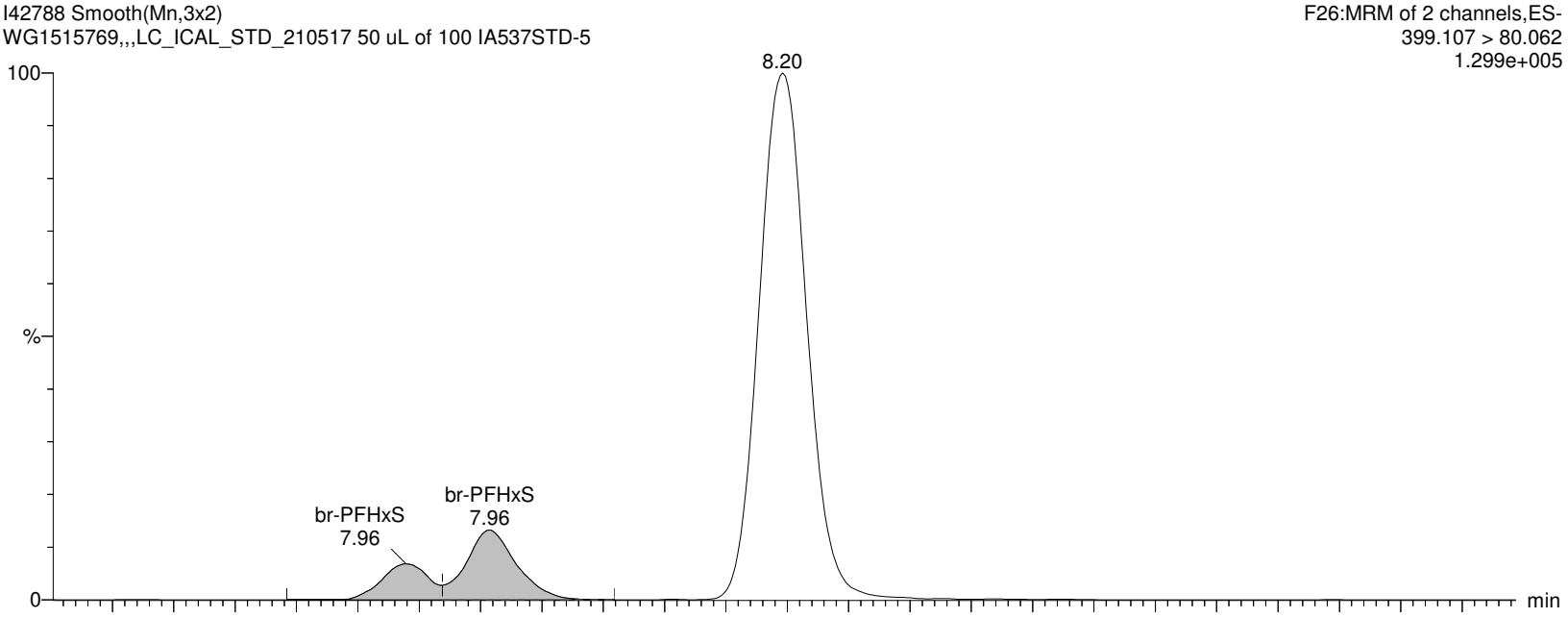


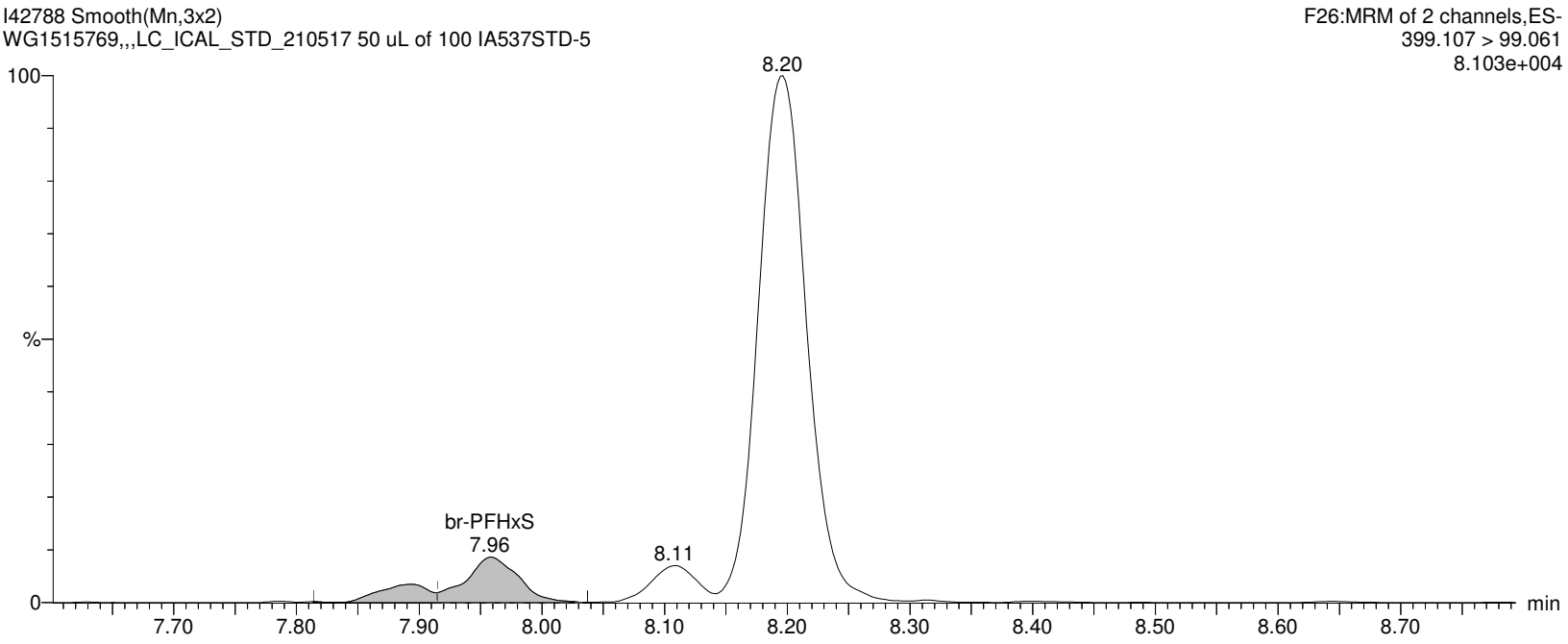
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFHxS



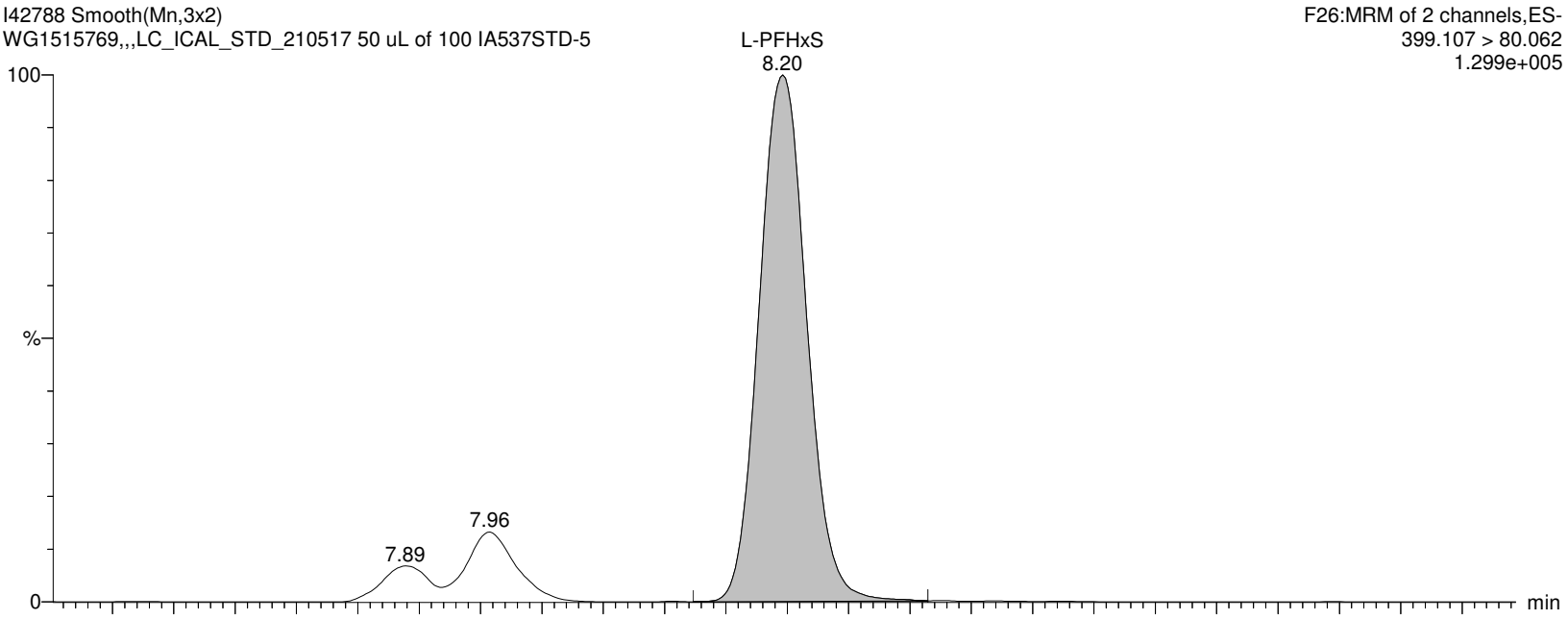


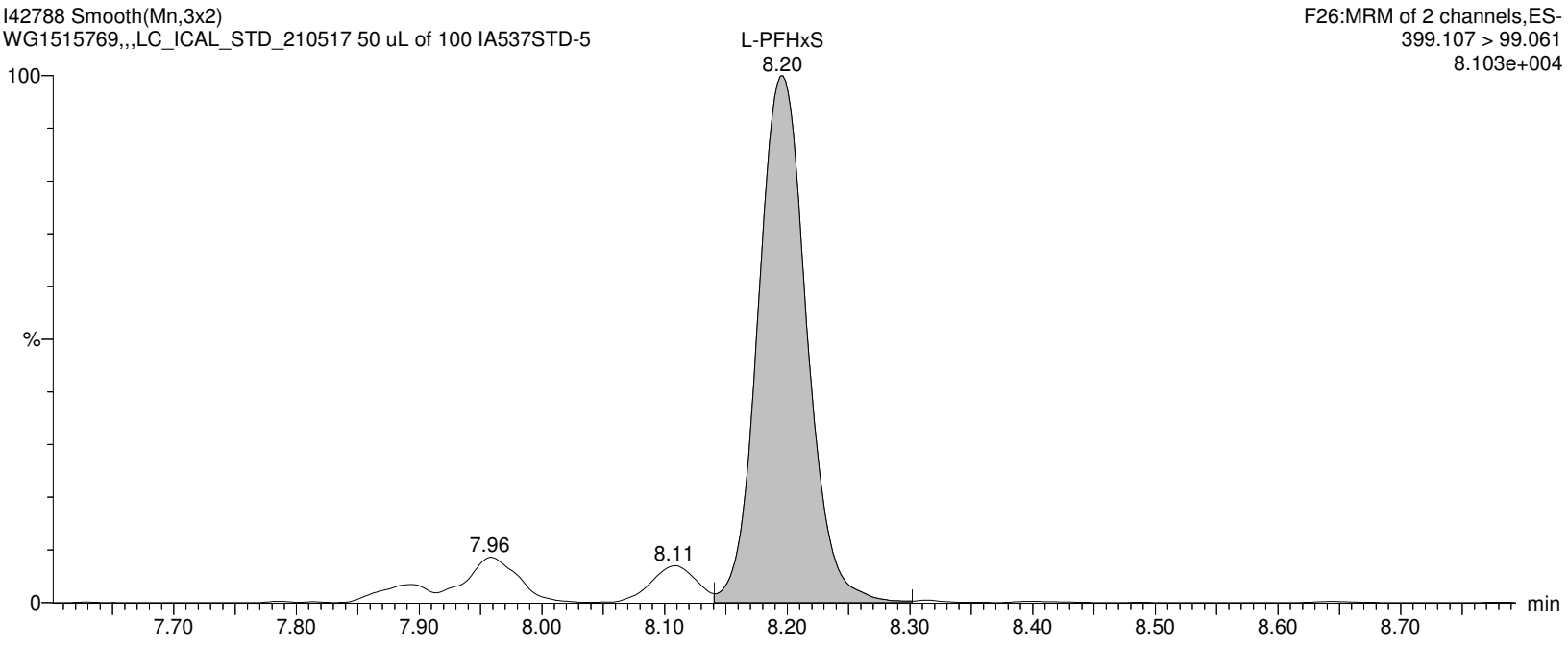
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFHxS



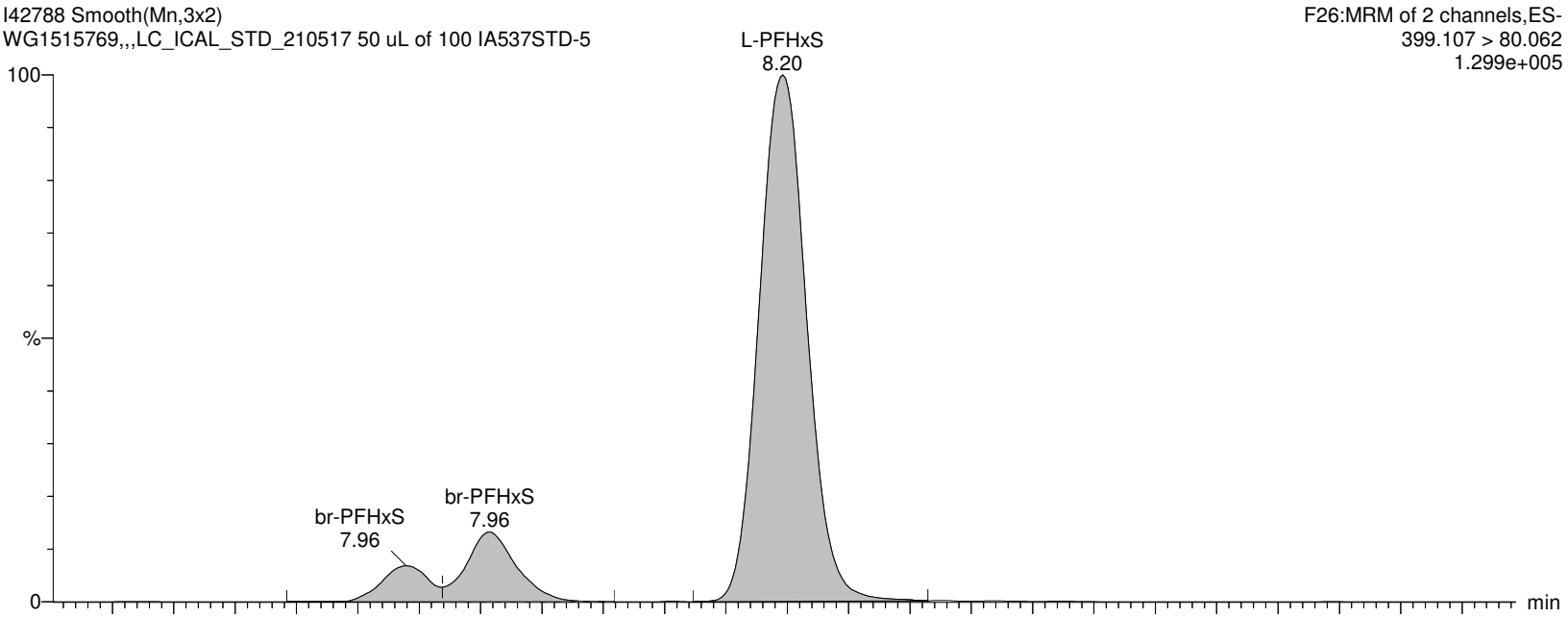


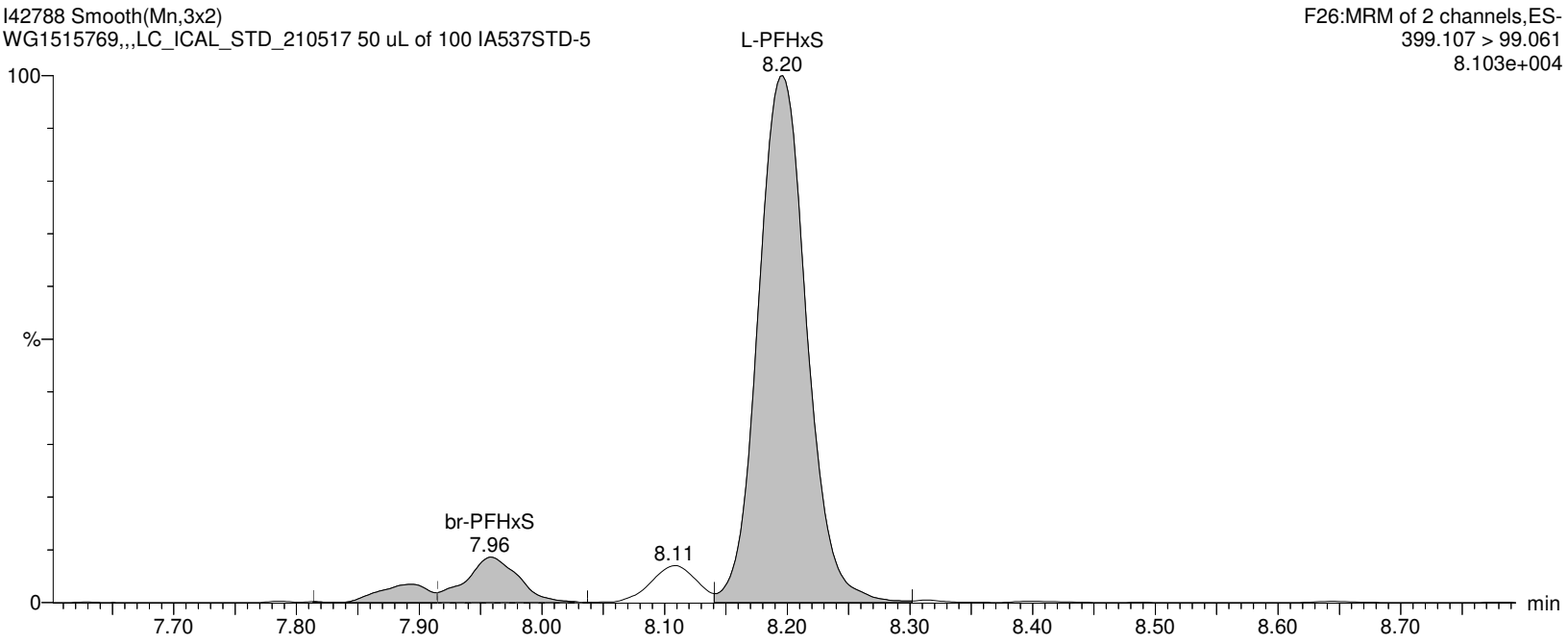
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxS



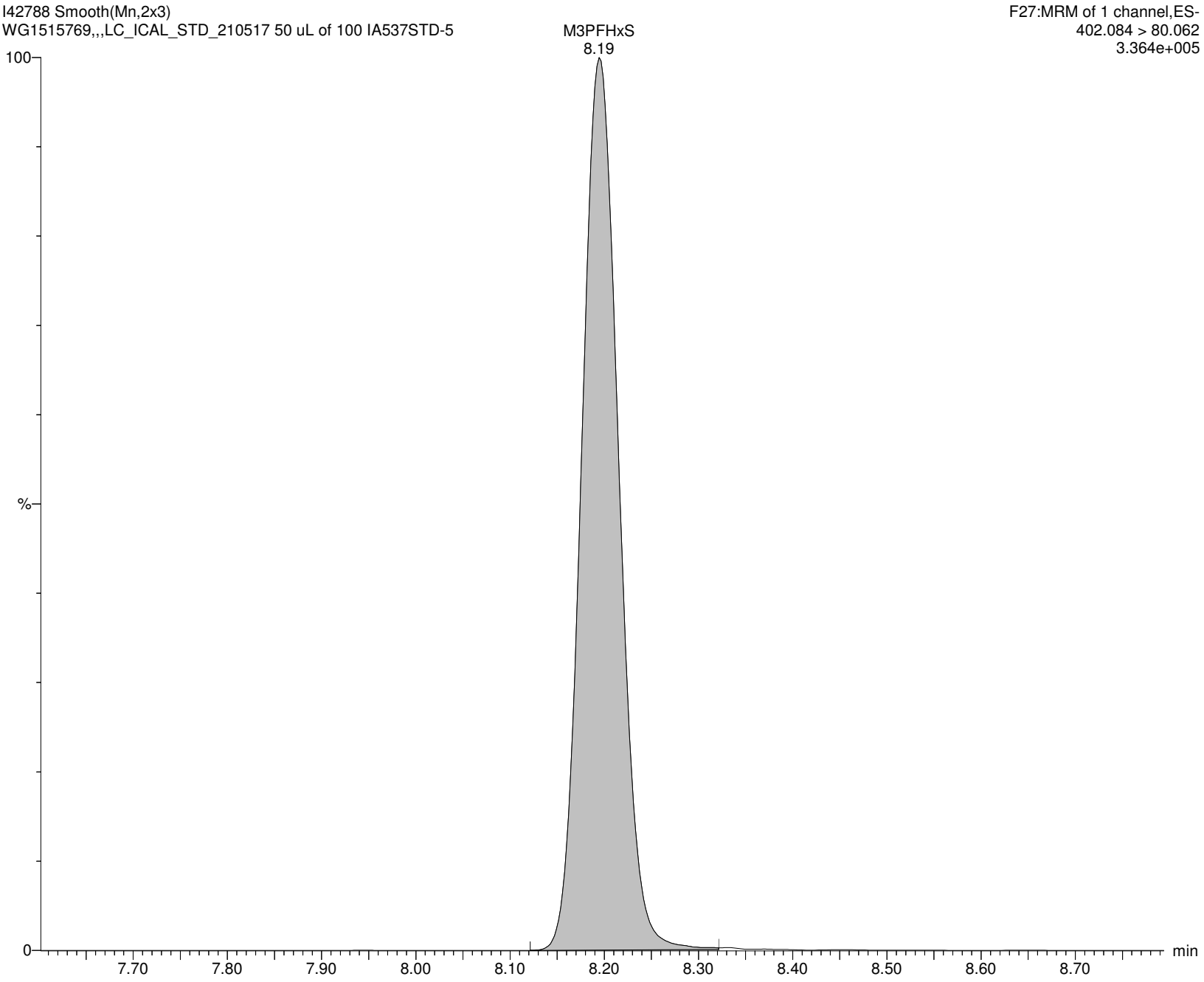


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFHxS

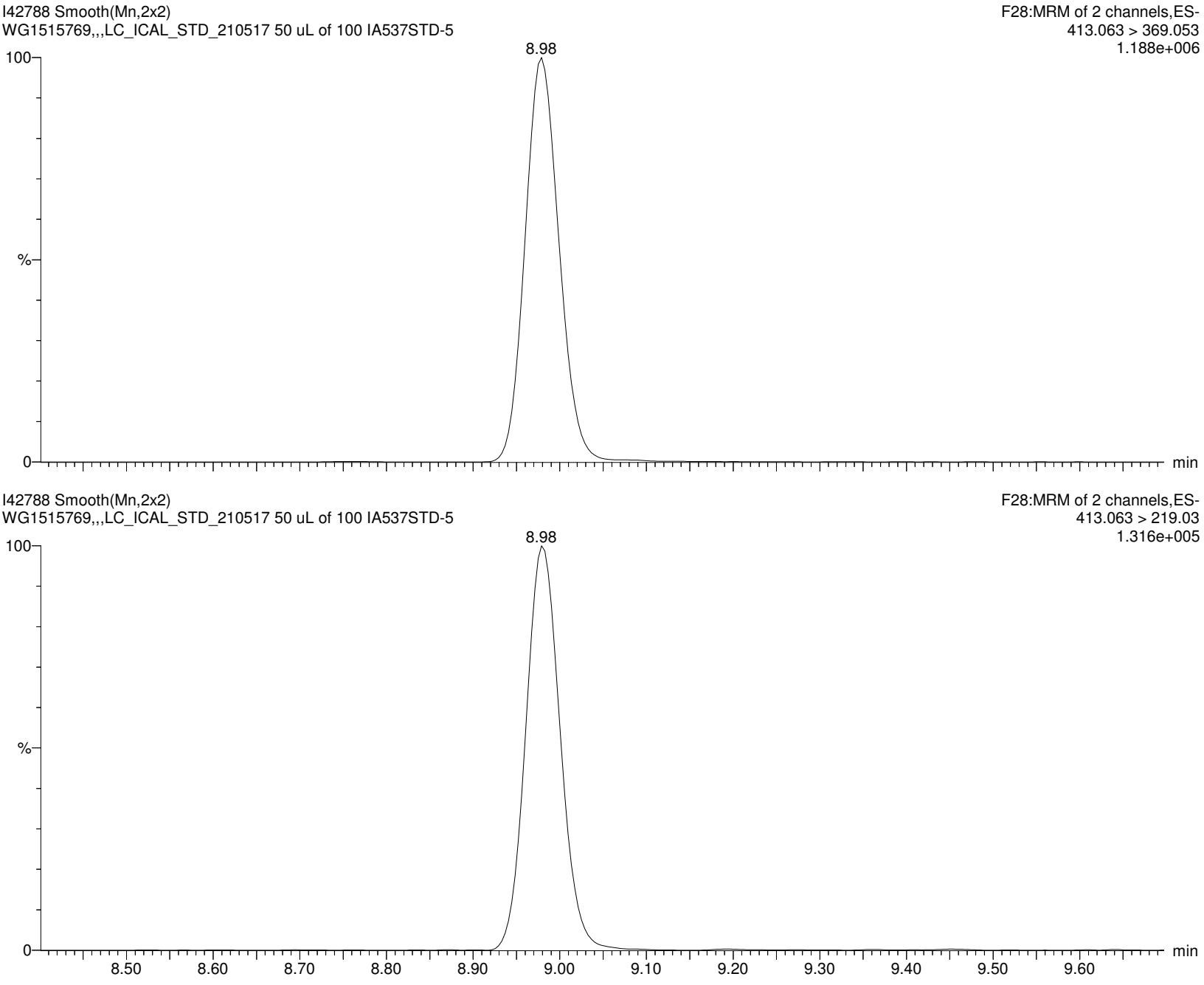


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOA

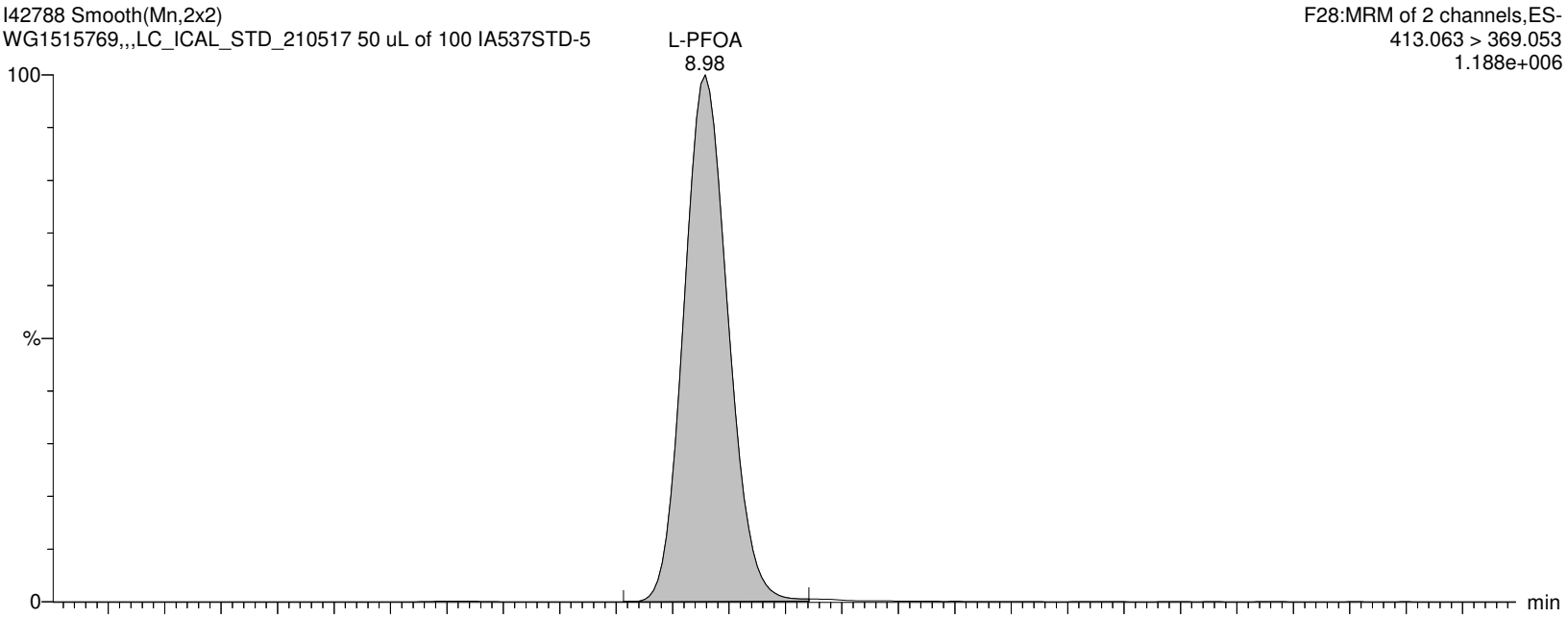


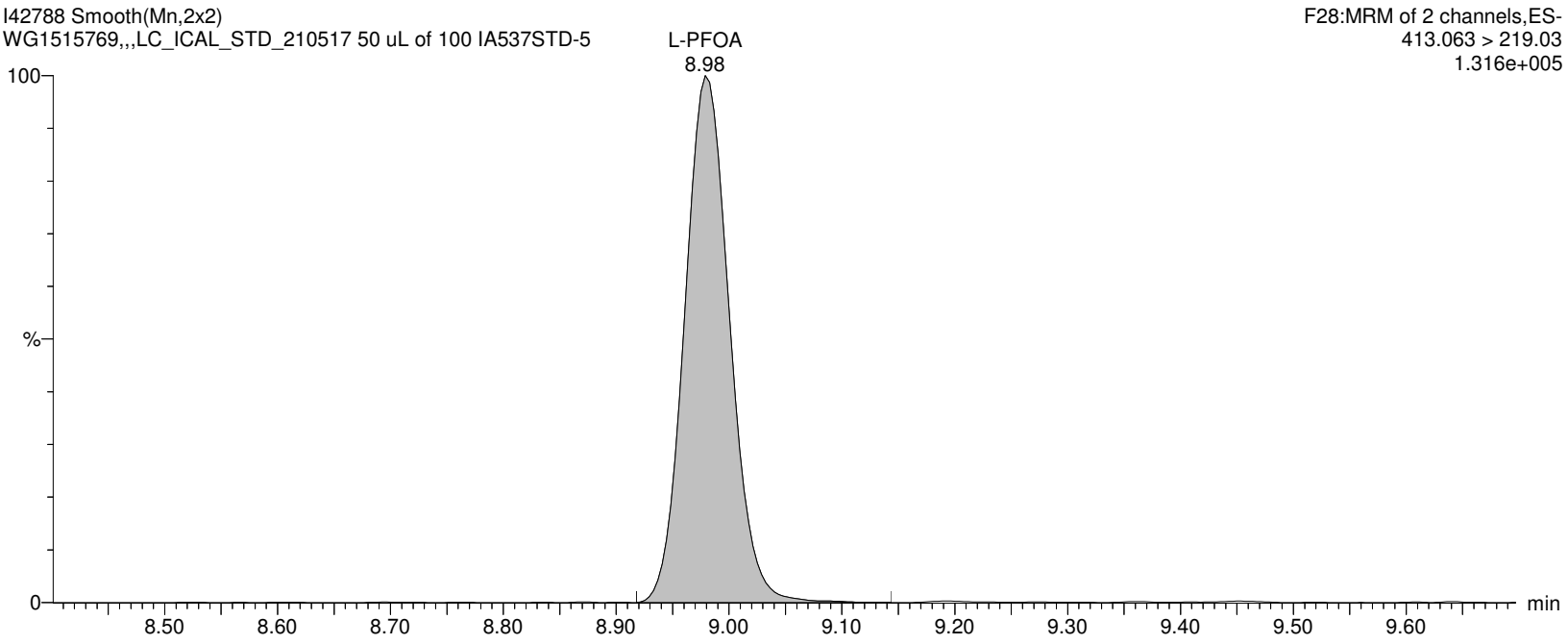
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOA



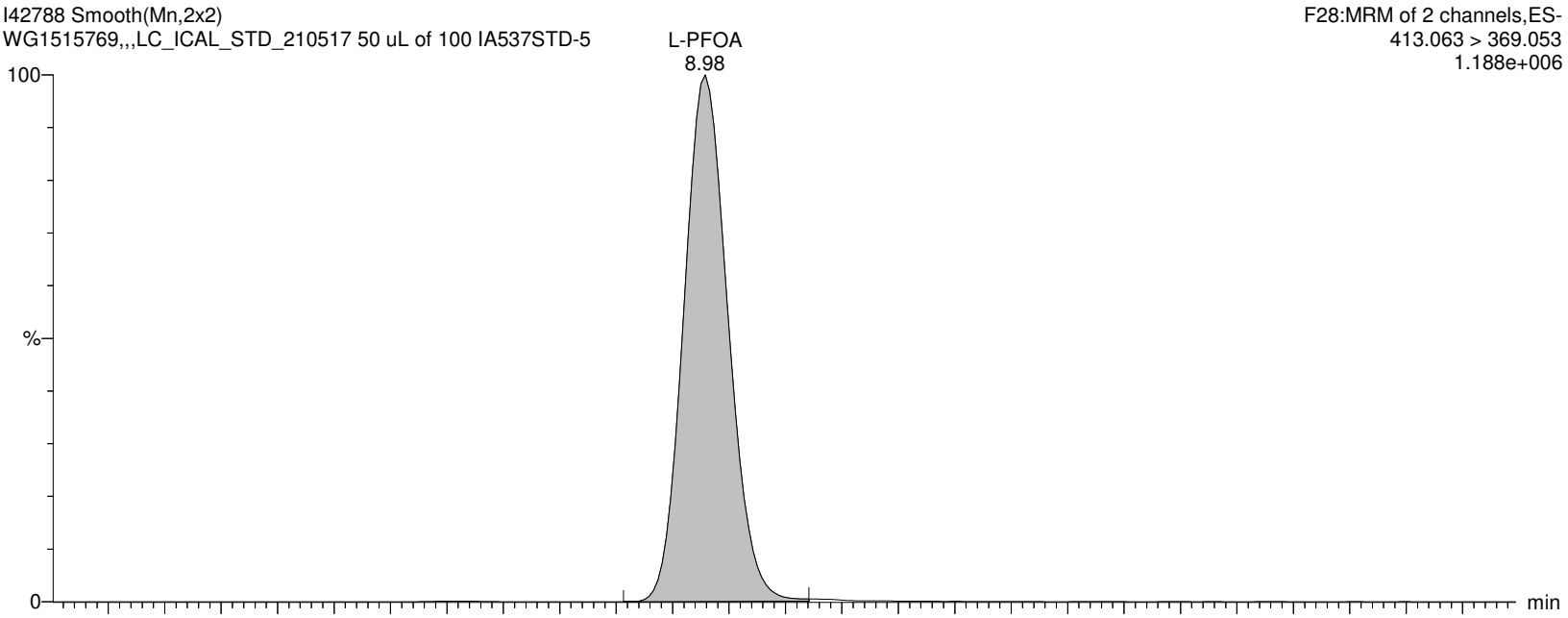


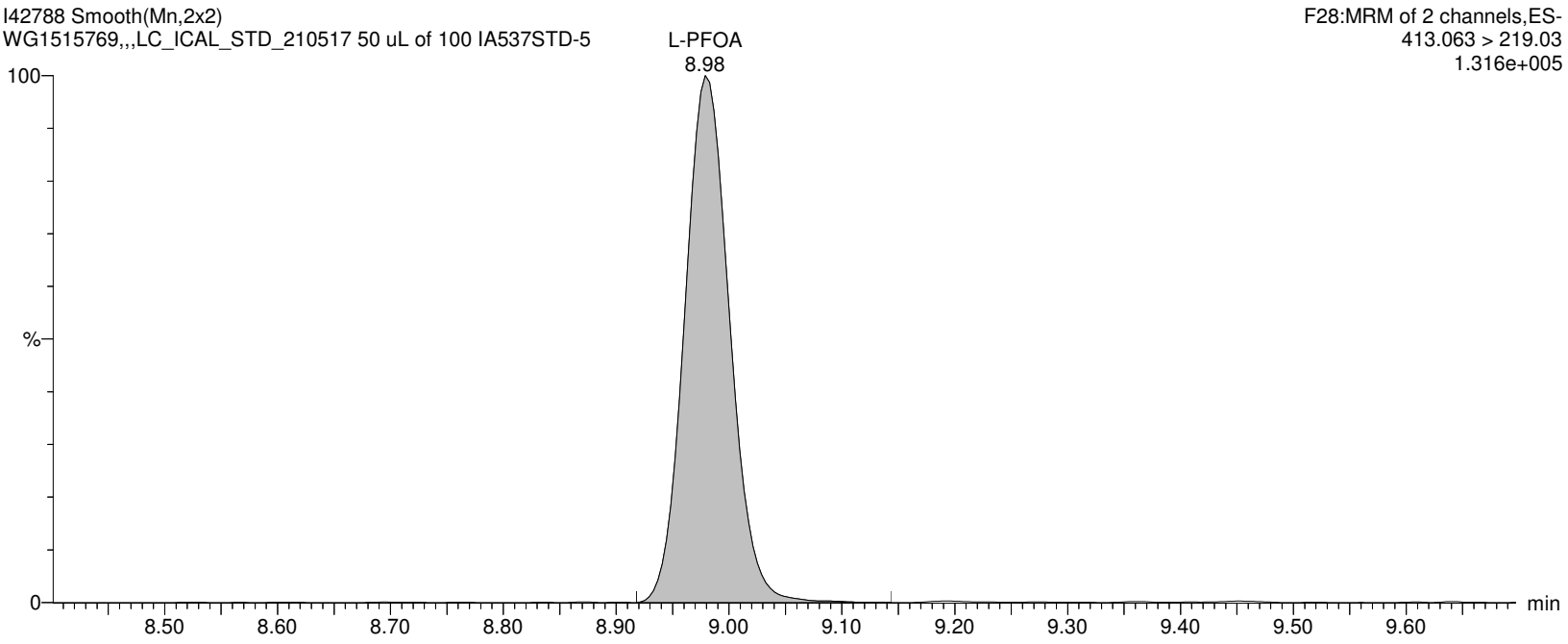
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOA



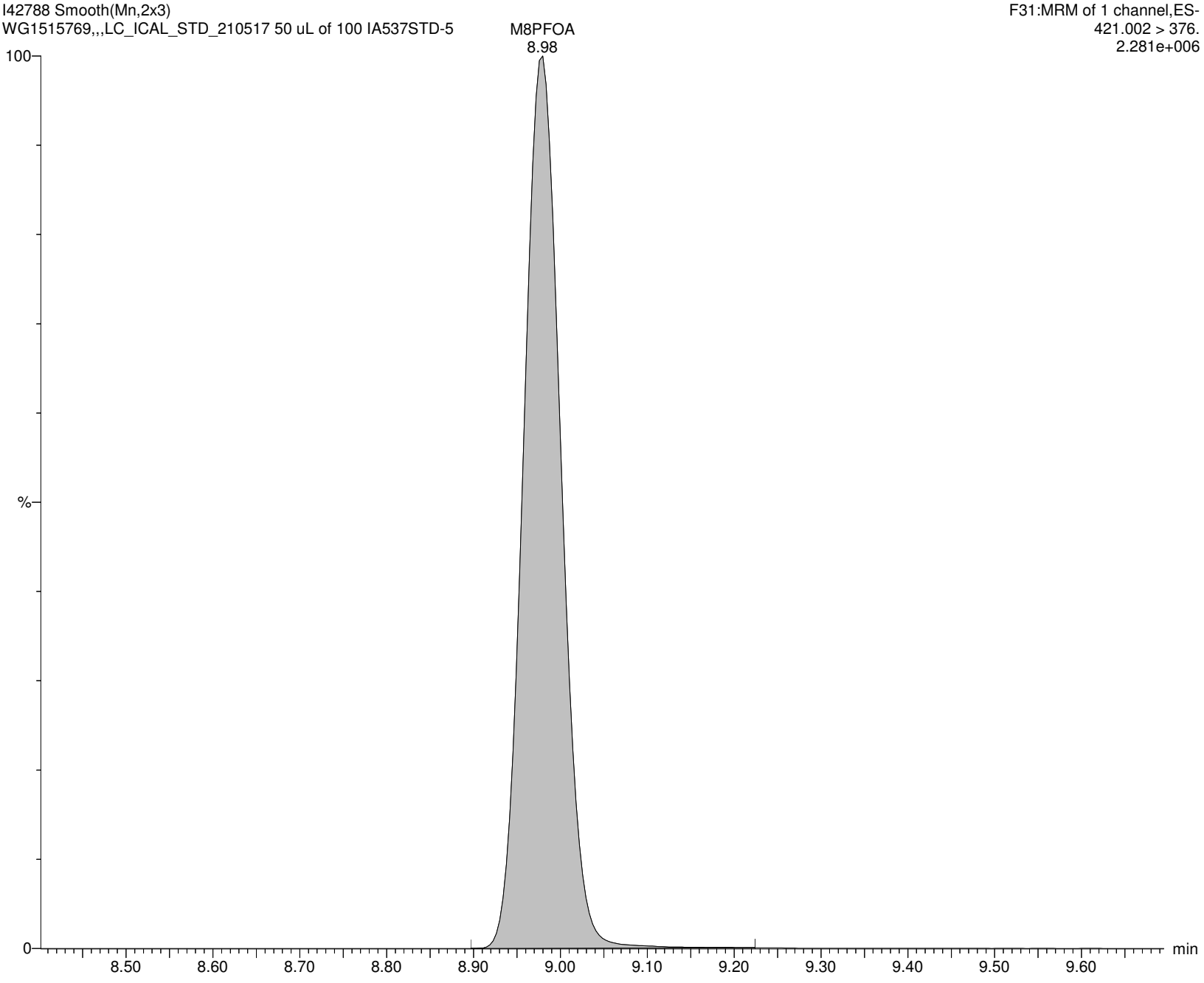


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOA

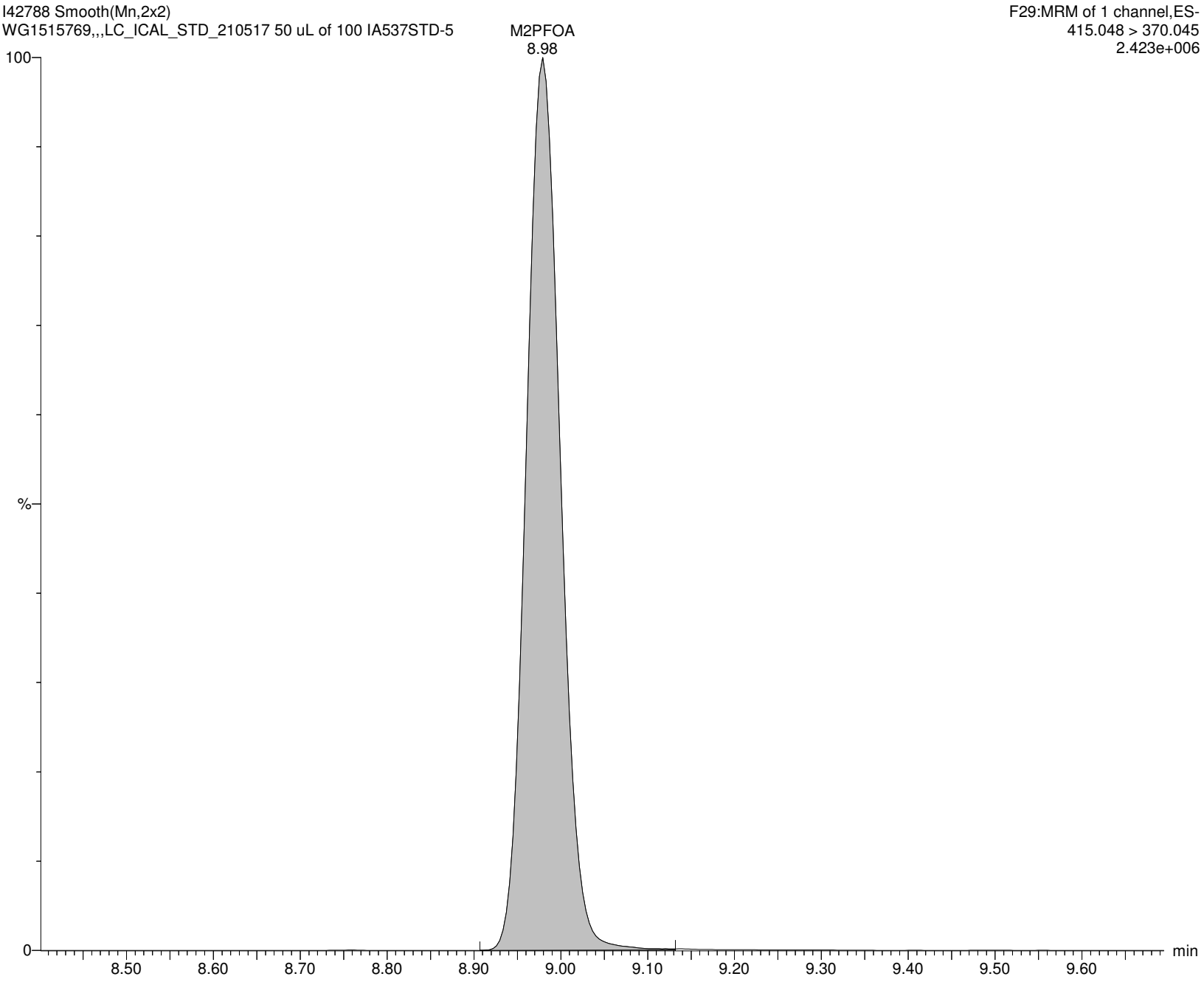


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFOA

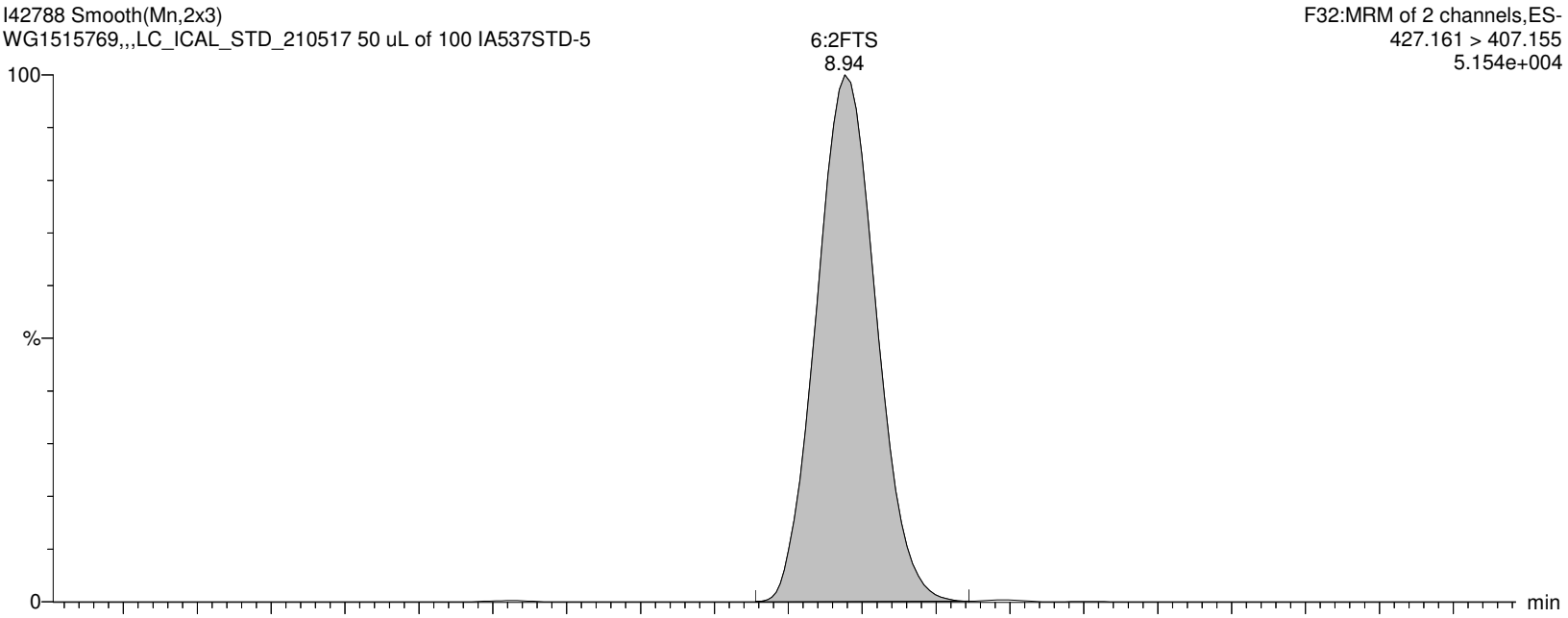


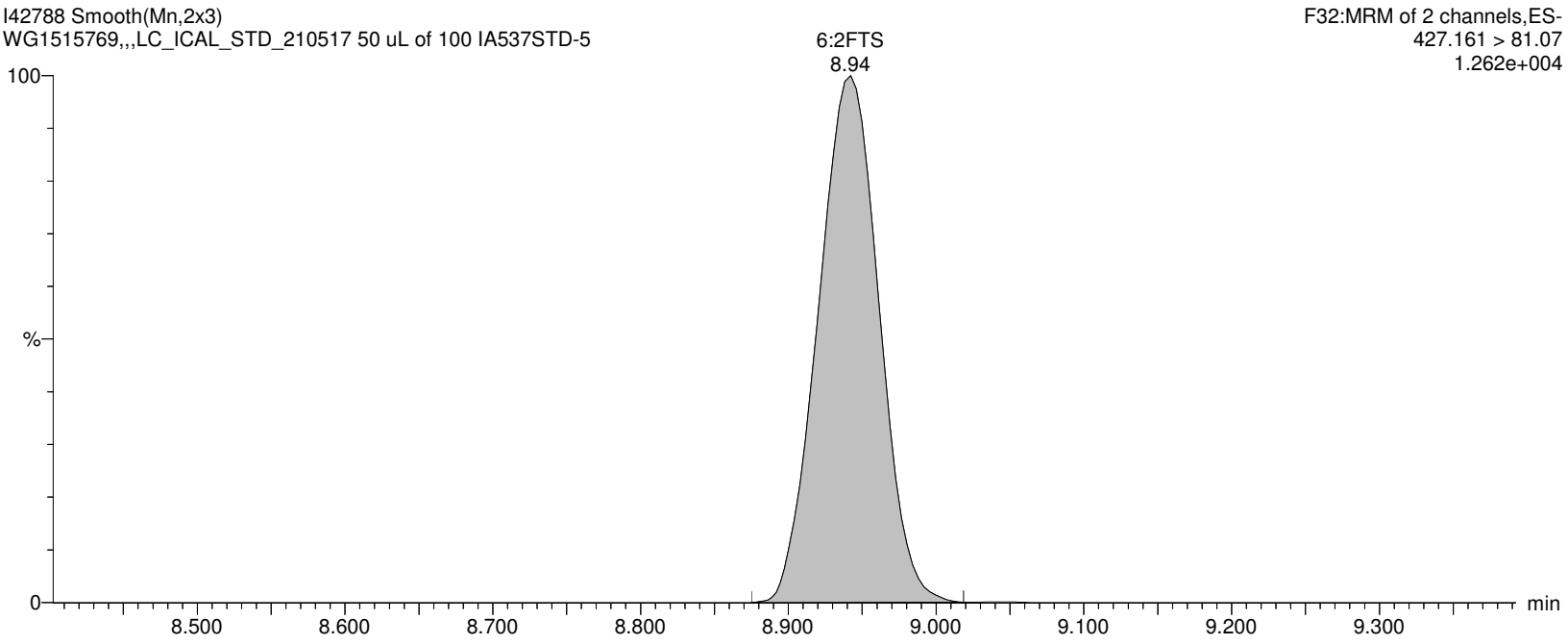
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

6:2FTS



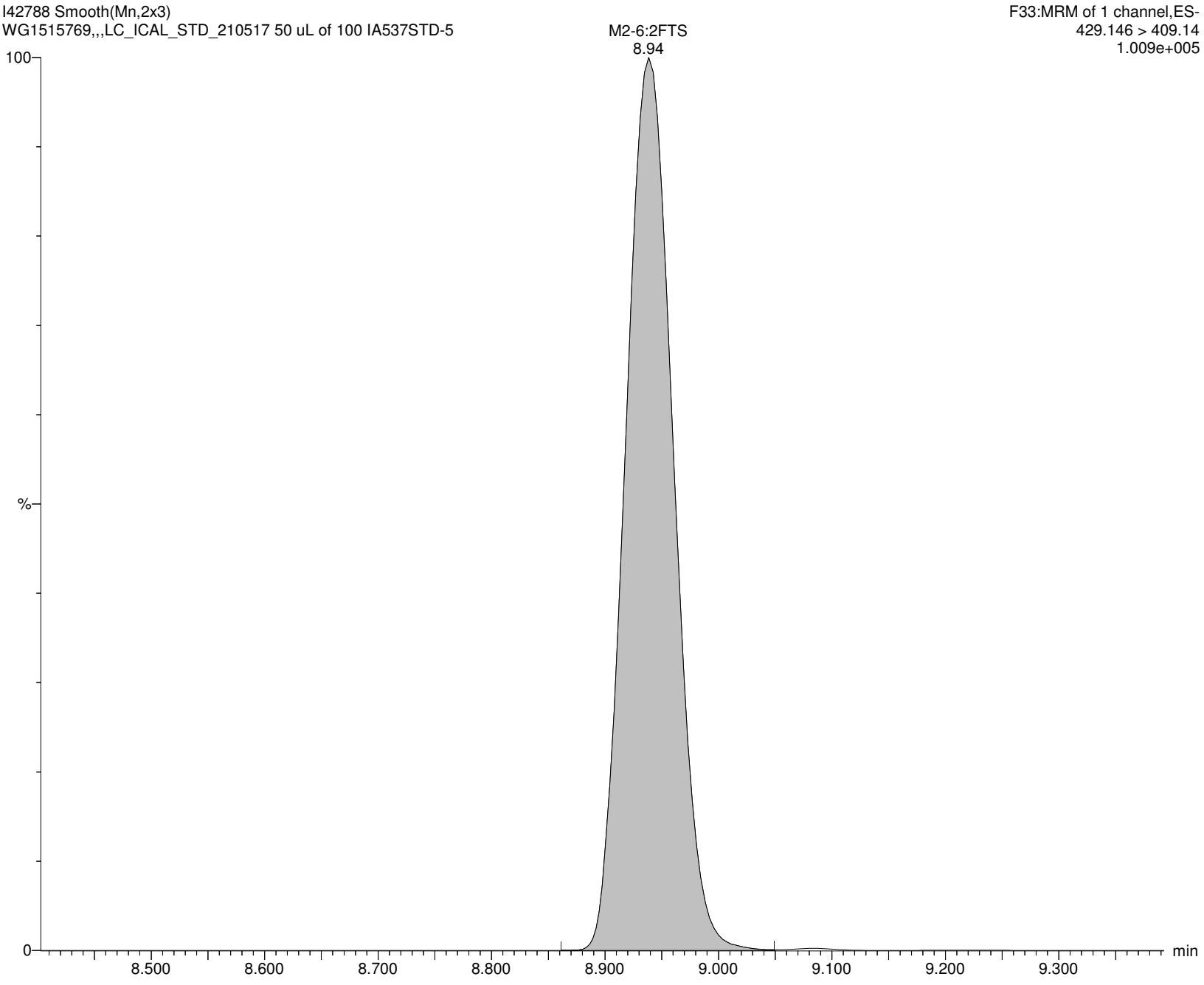


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-6:2FTS

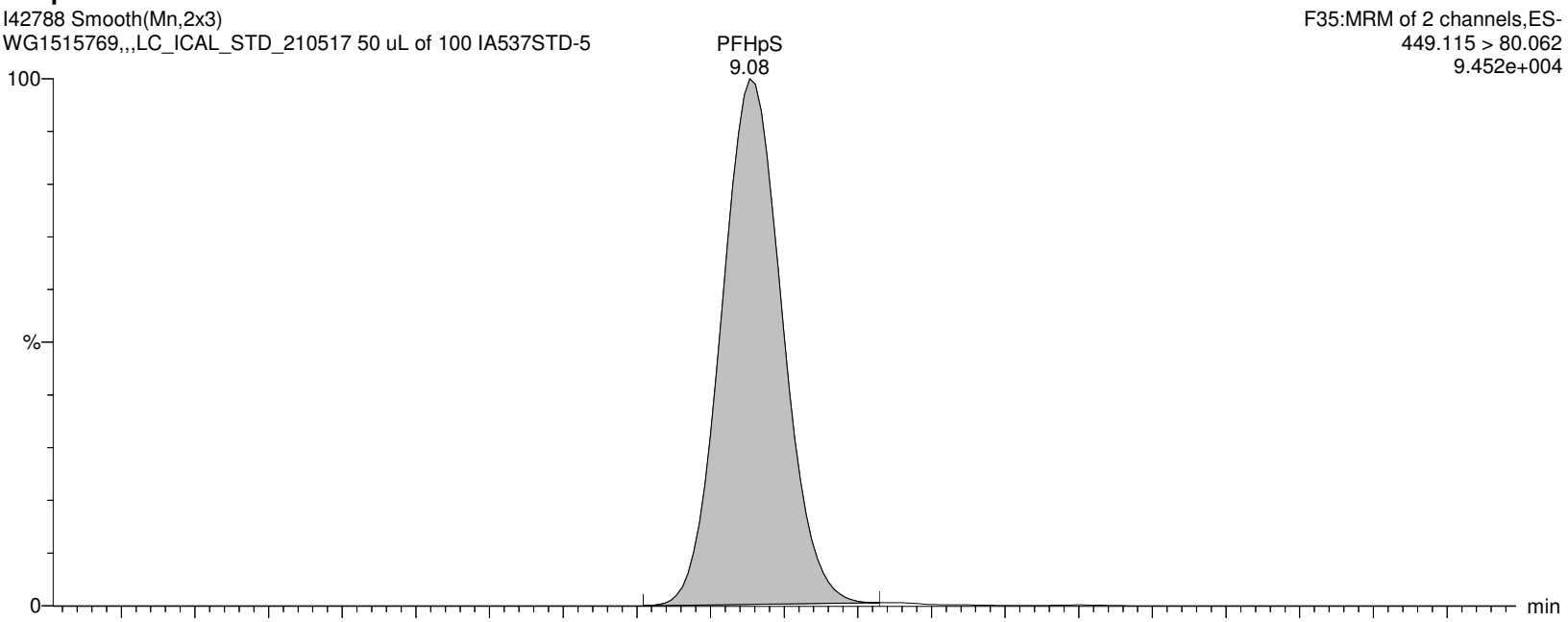


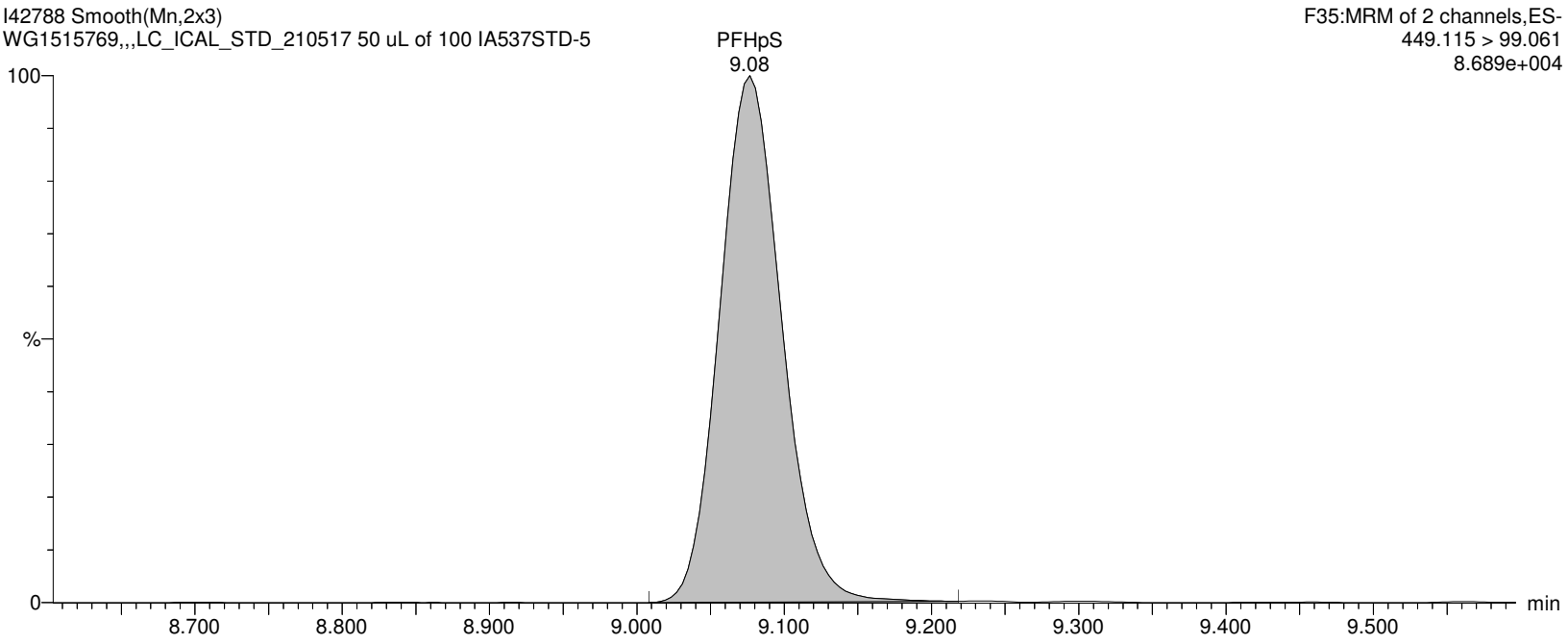
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpS



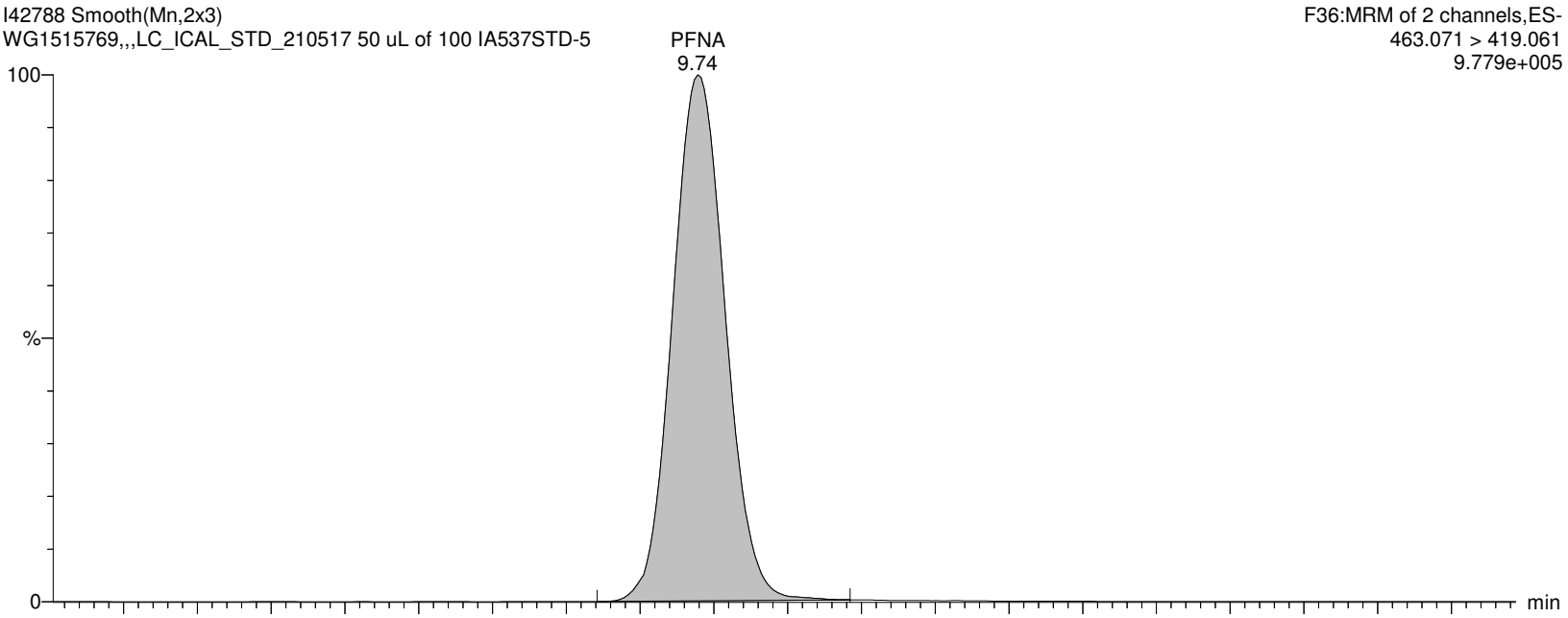


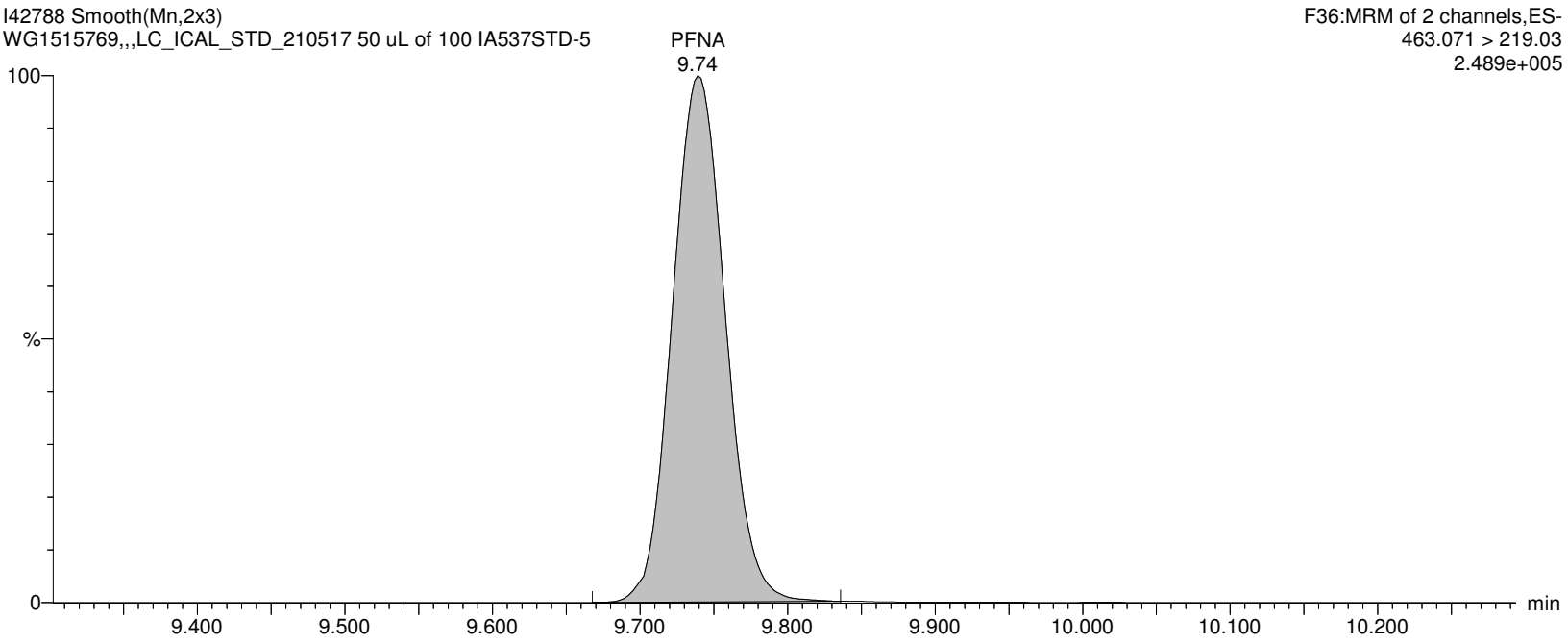
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNA



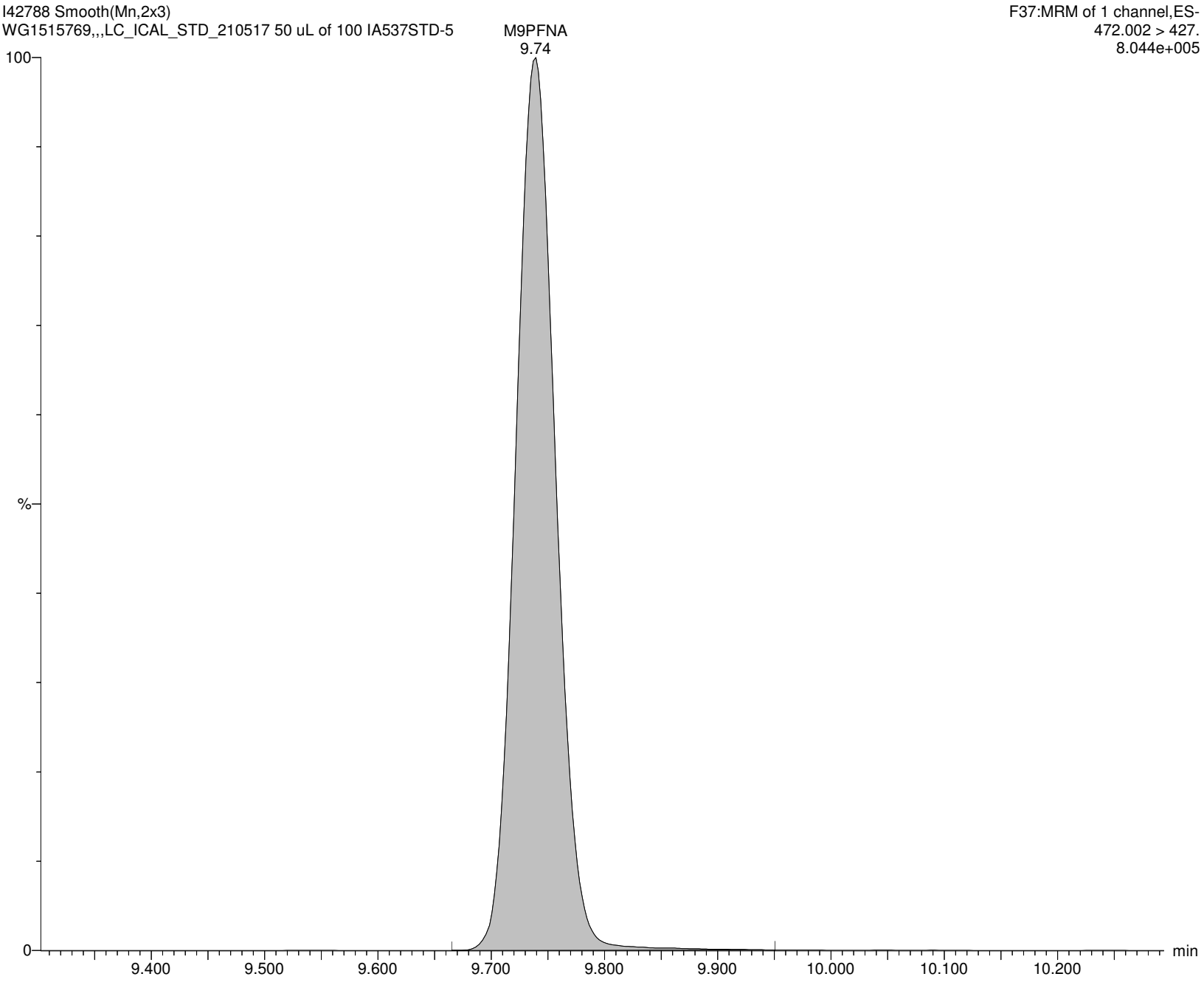


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M9PFNA

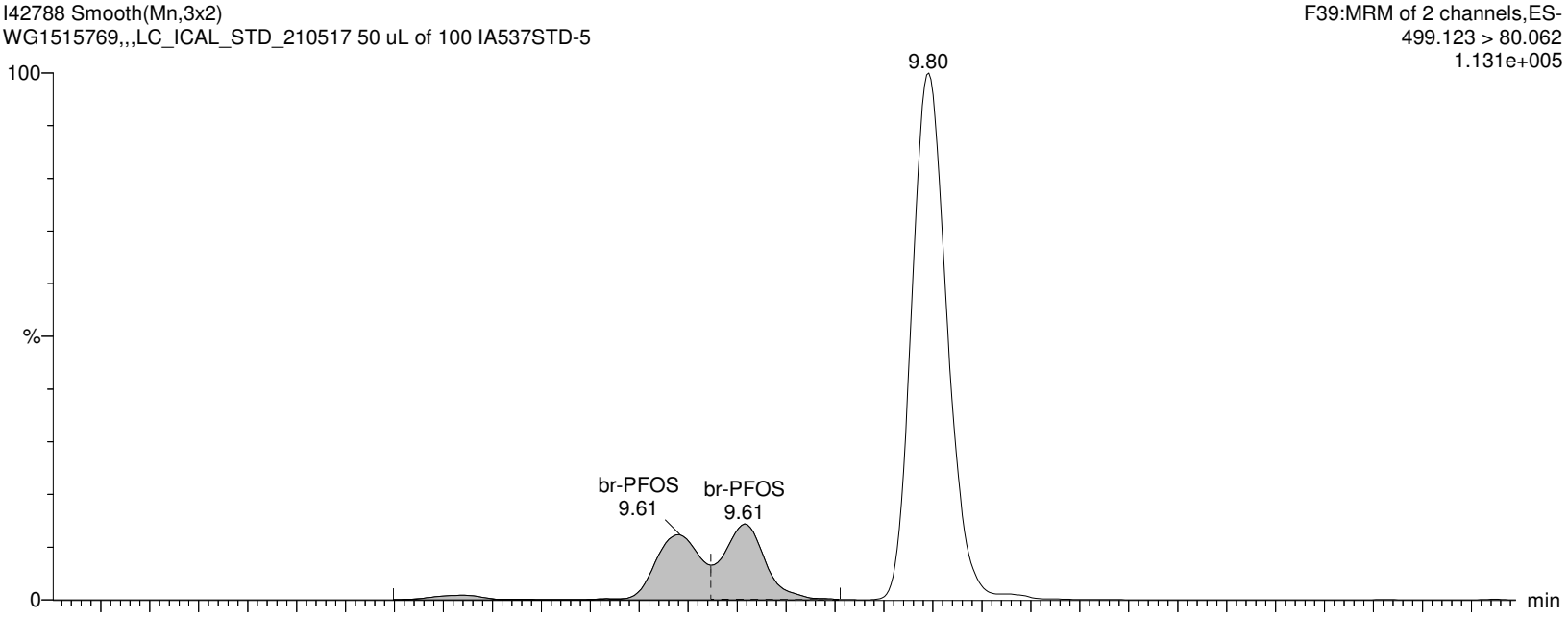


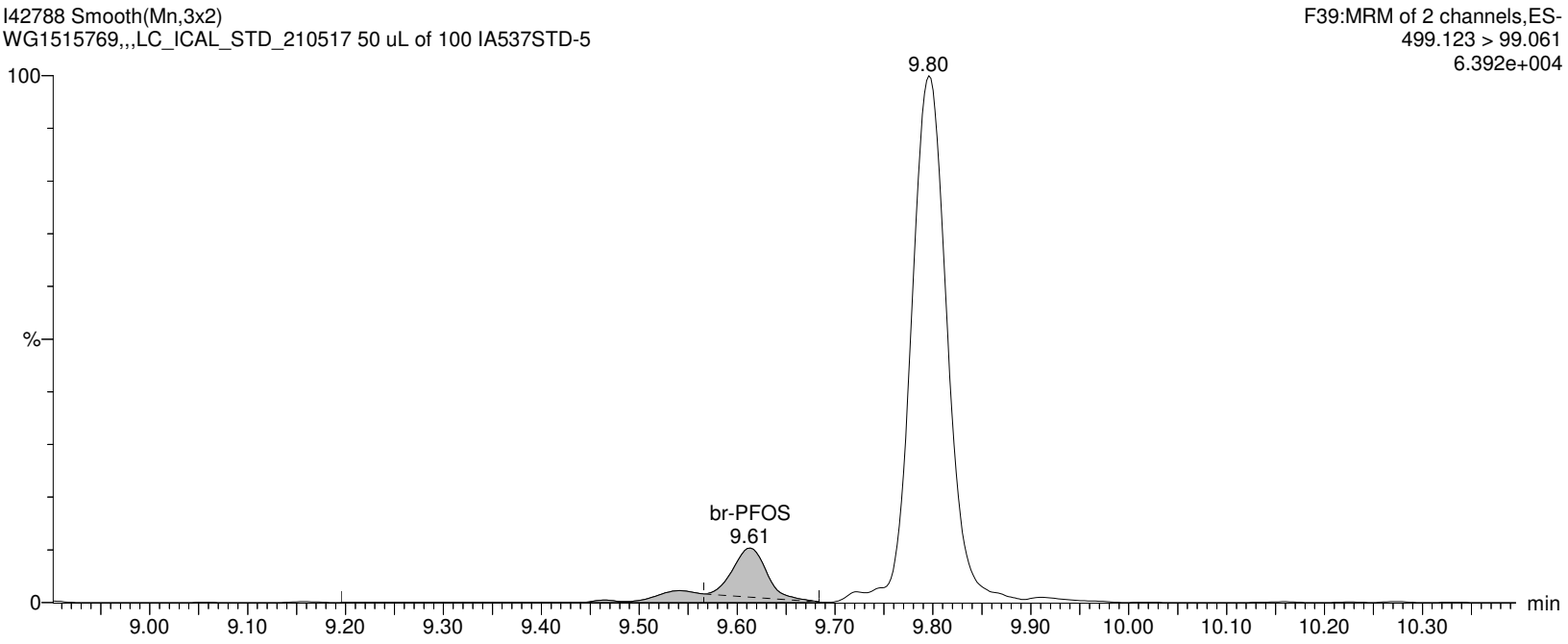
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOS



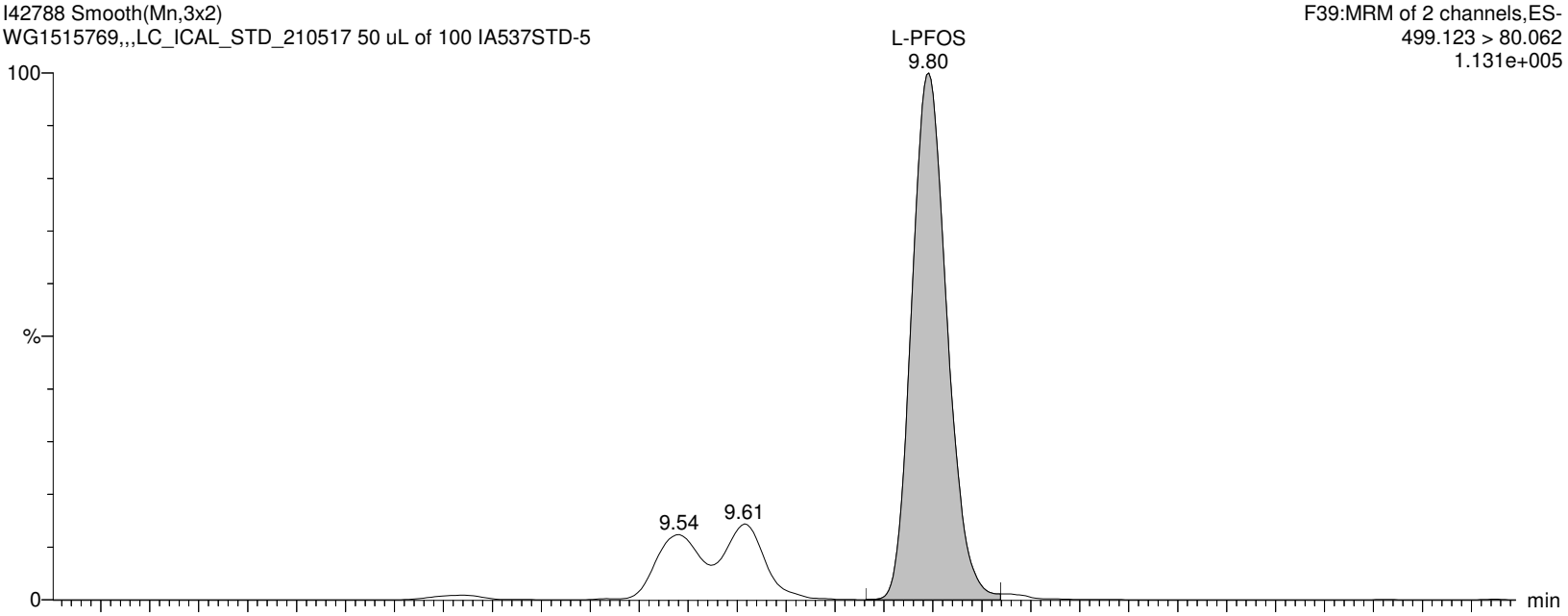


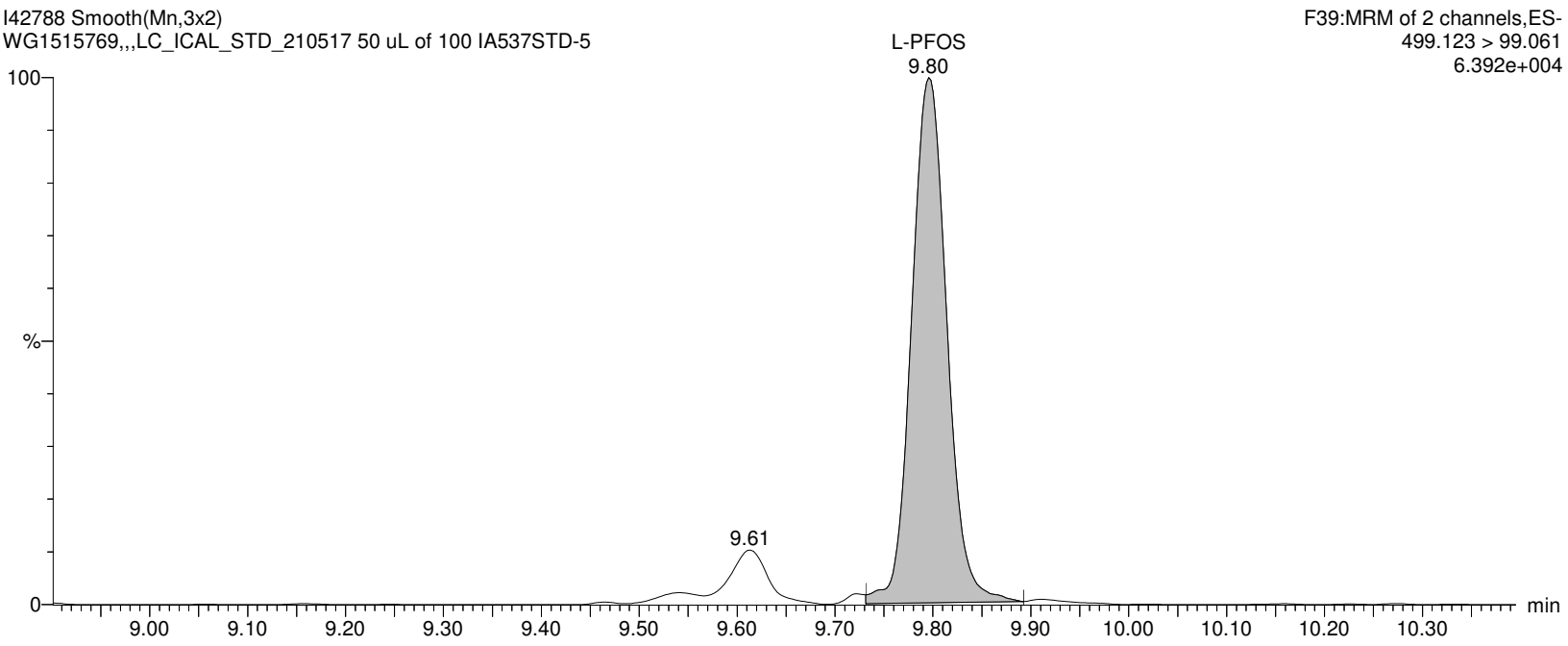
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOS



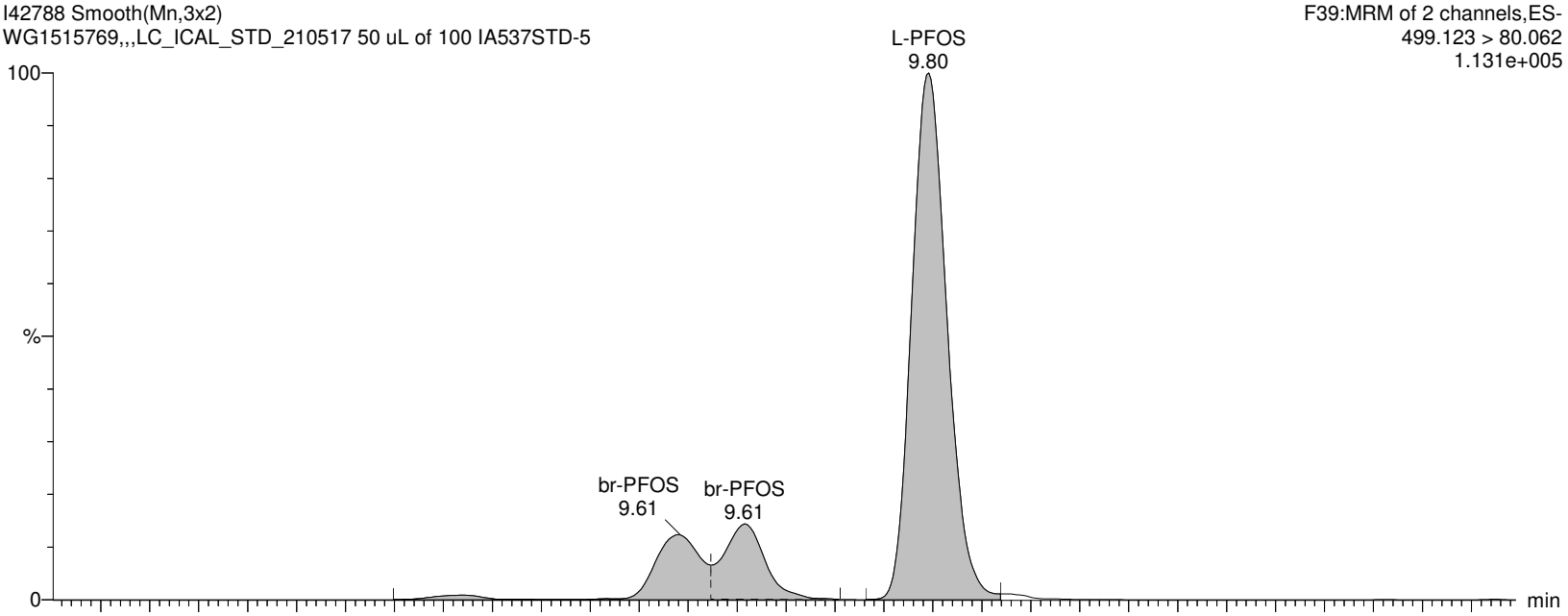


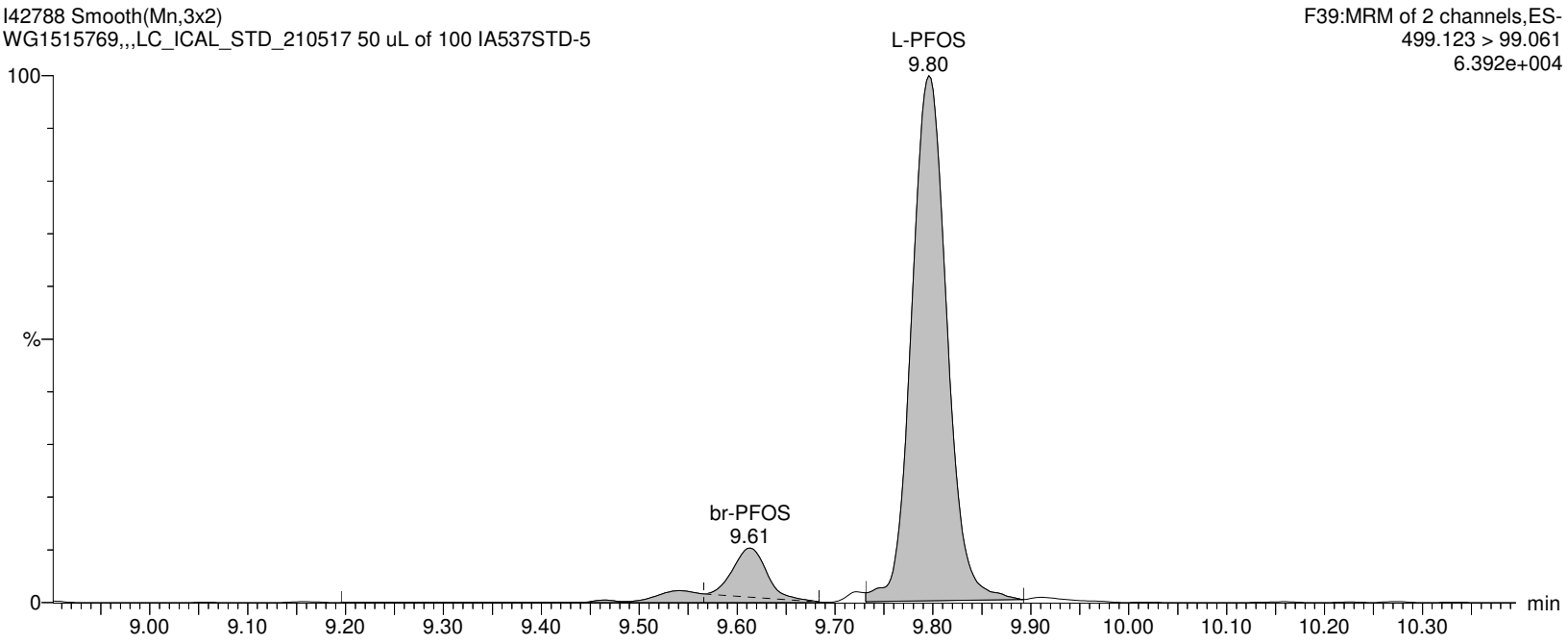
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOS



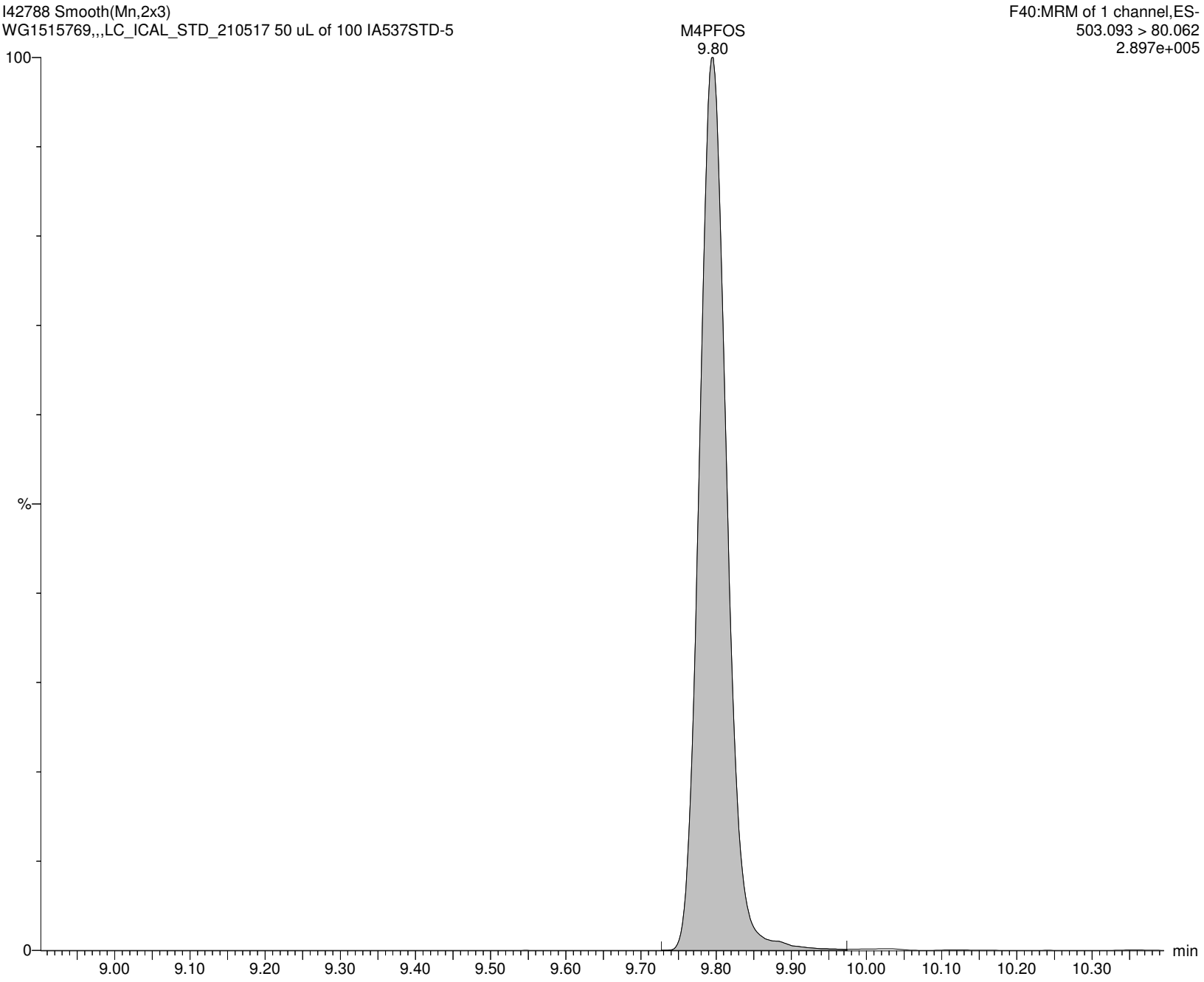


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOS

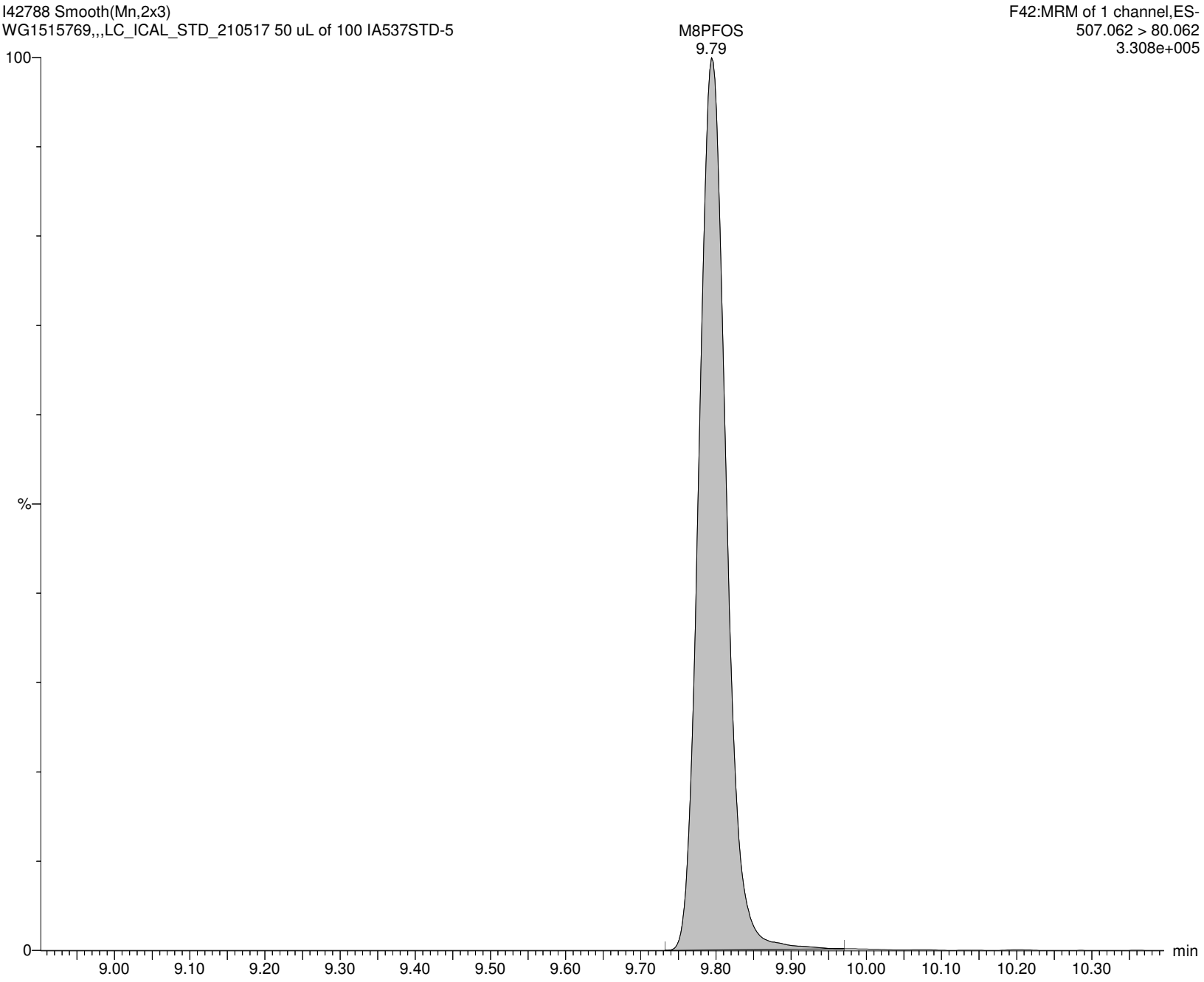


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOS

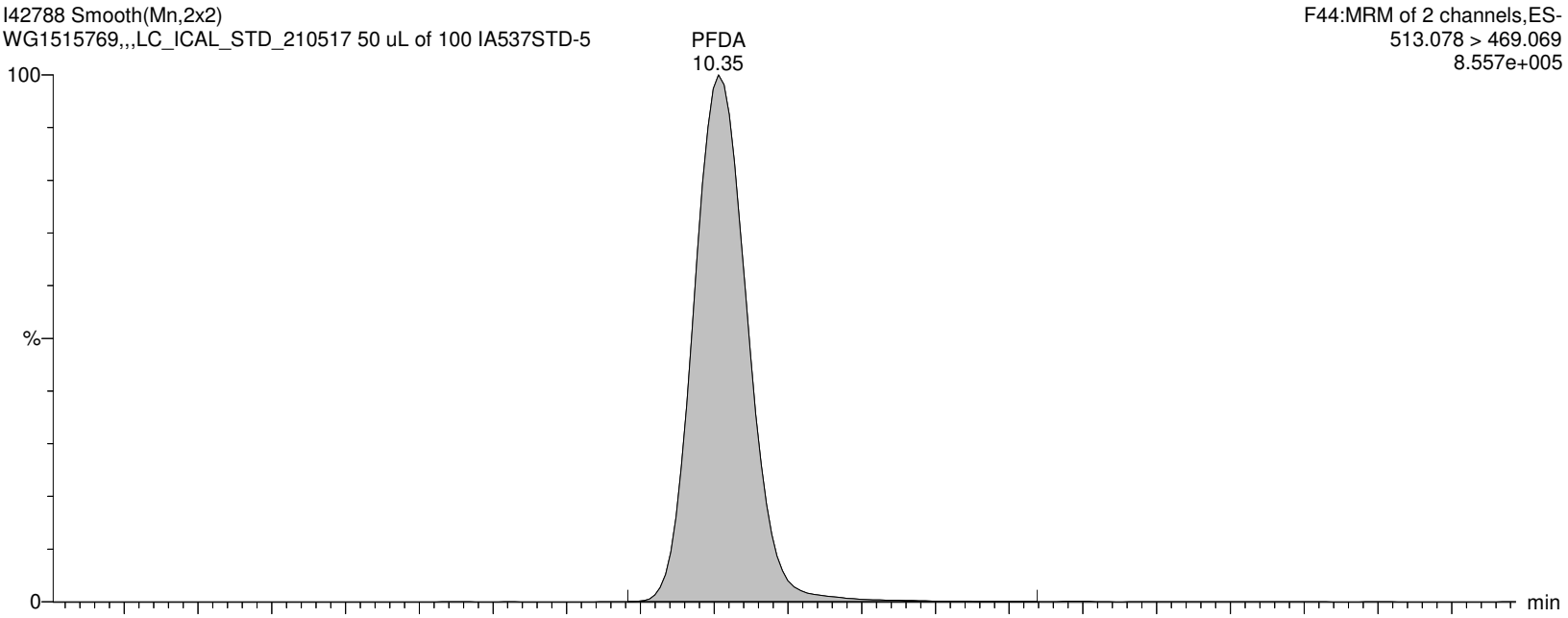


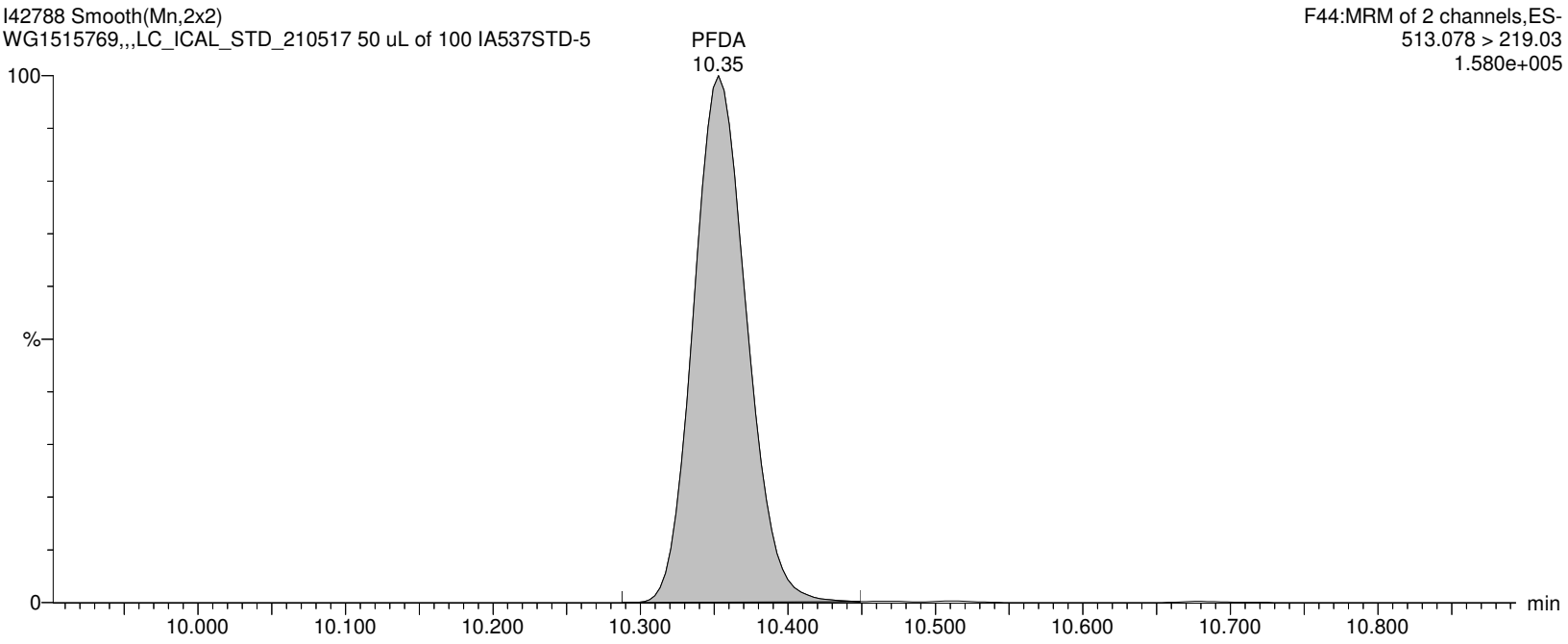
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDA



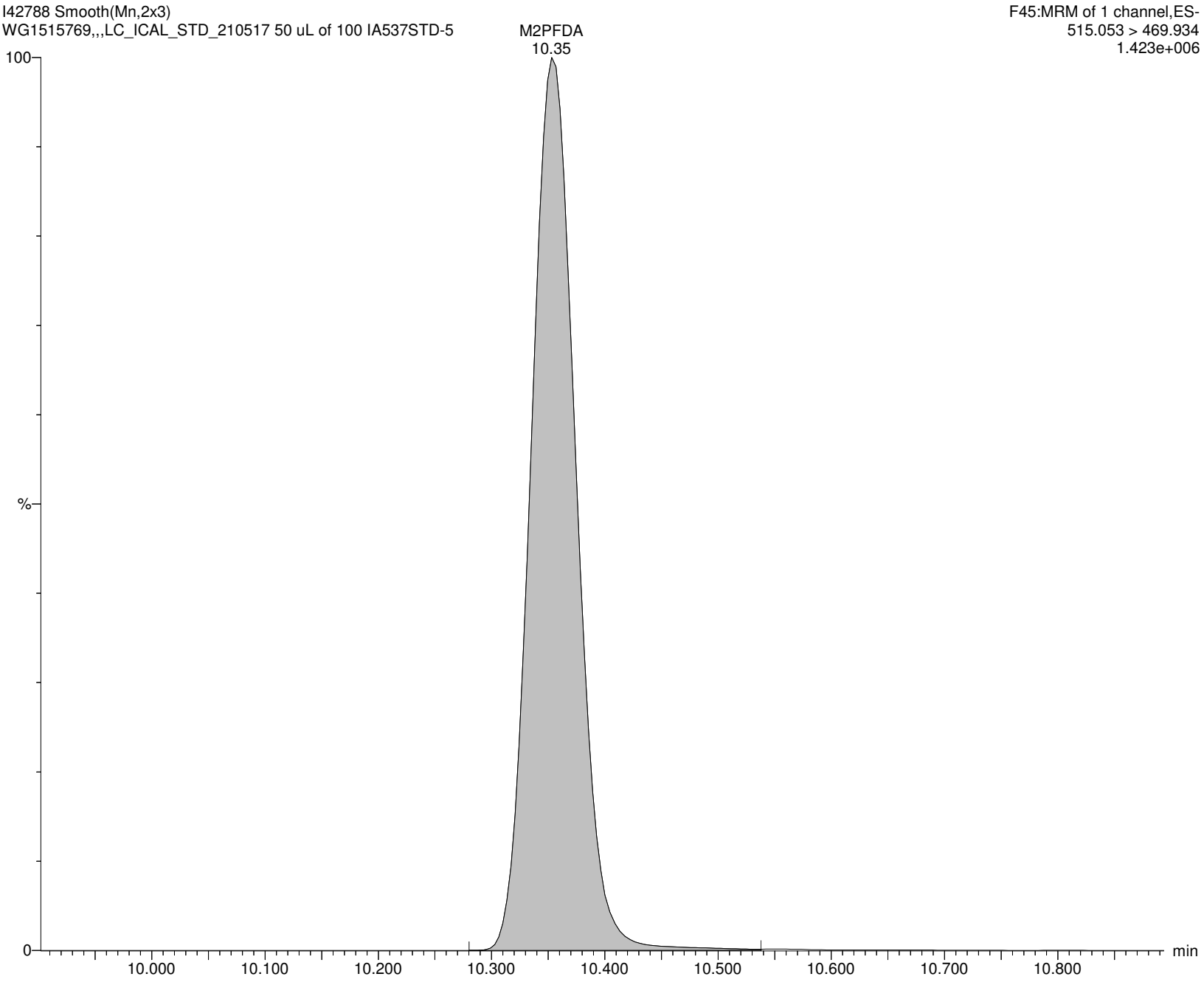


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFDA

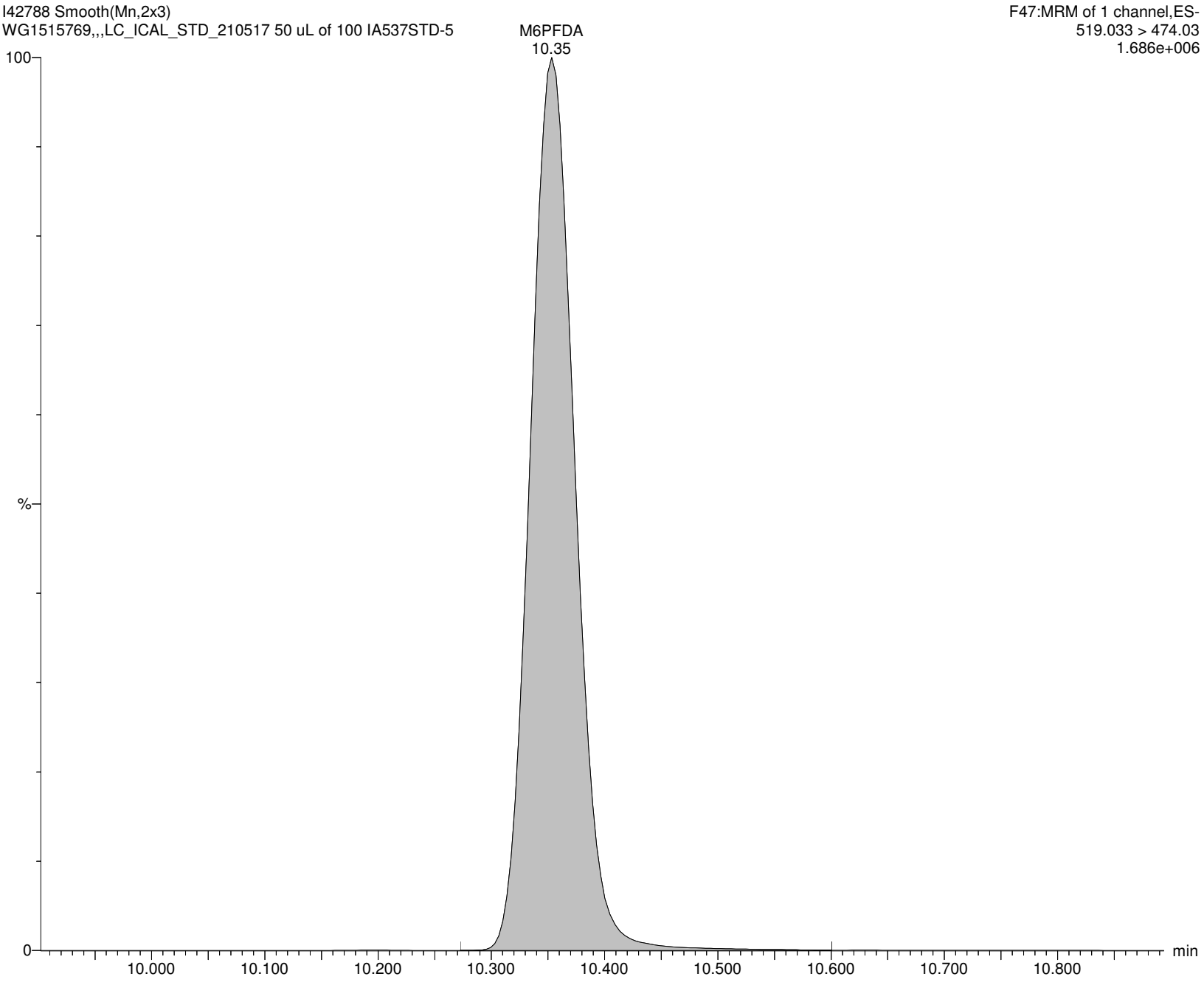


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M6PFDA

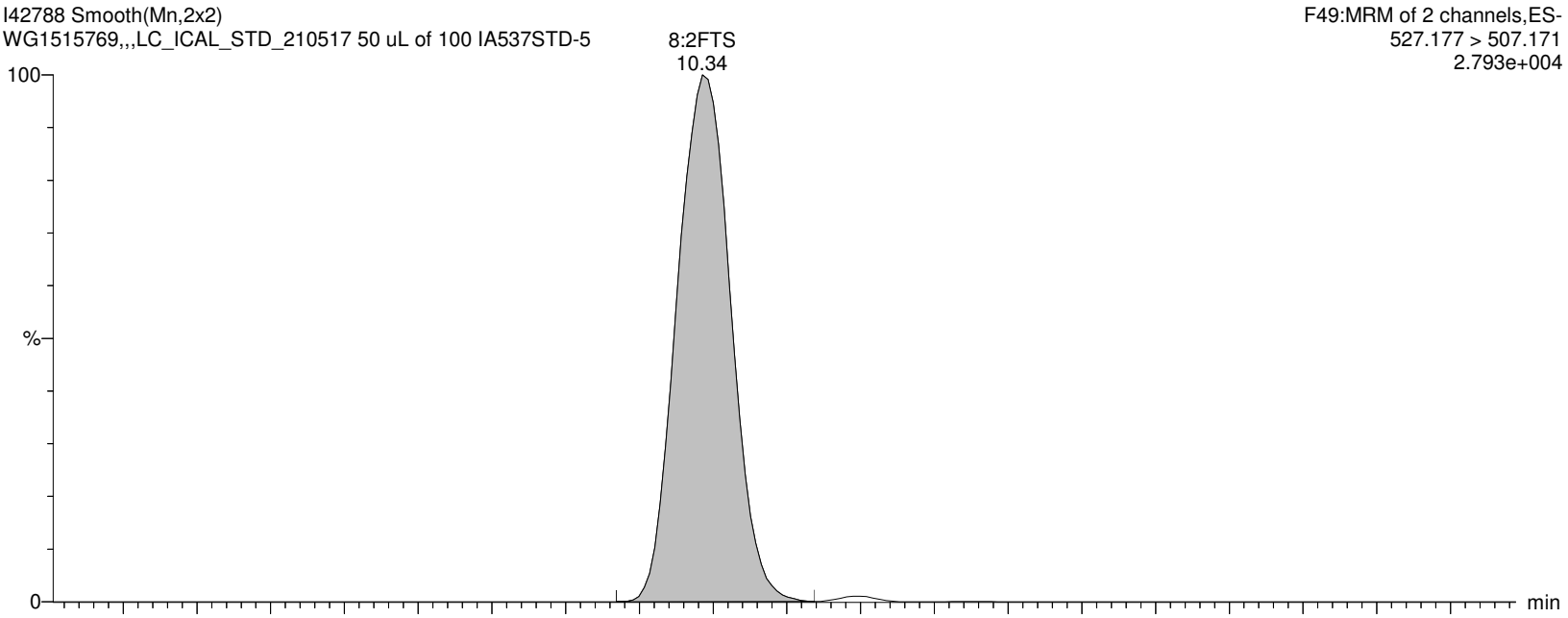


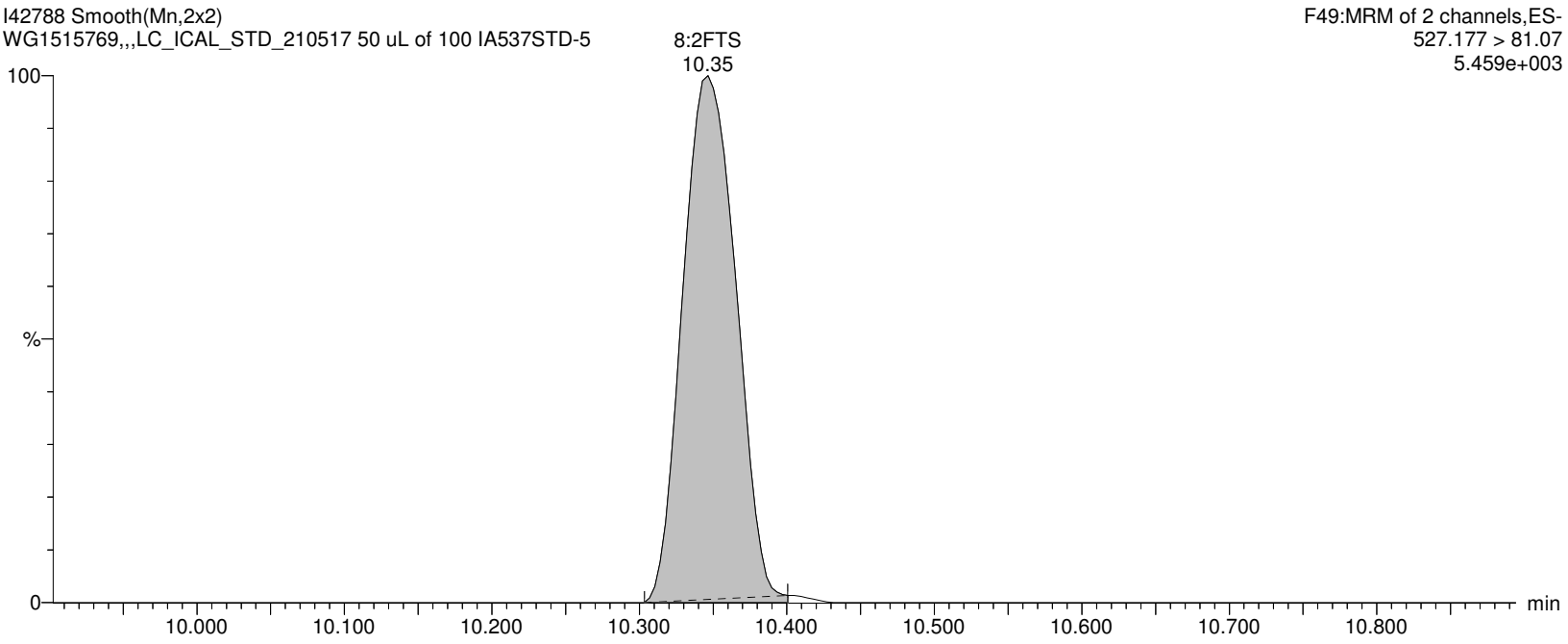
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

8:2FTS



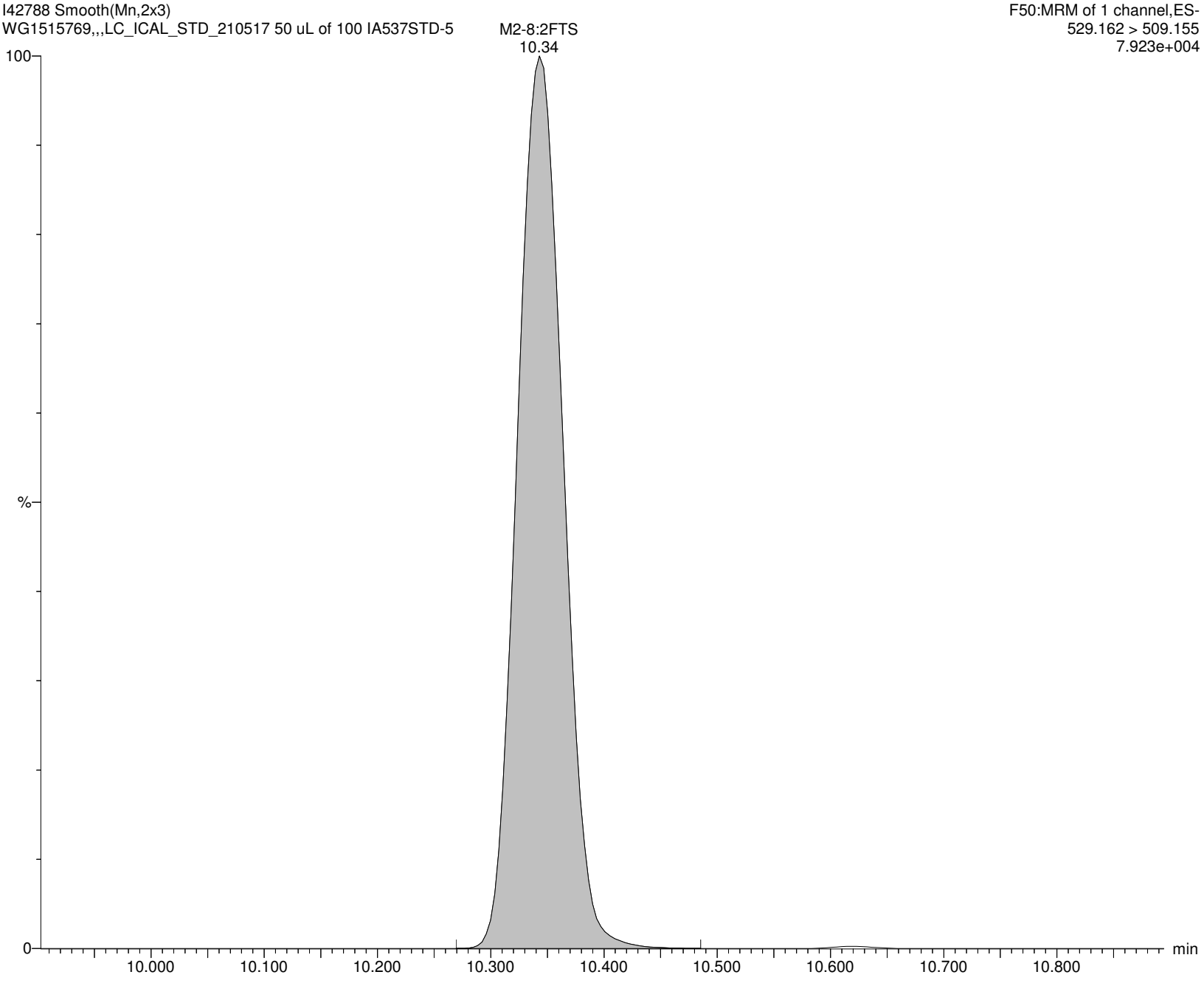


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-8:2FTS

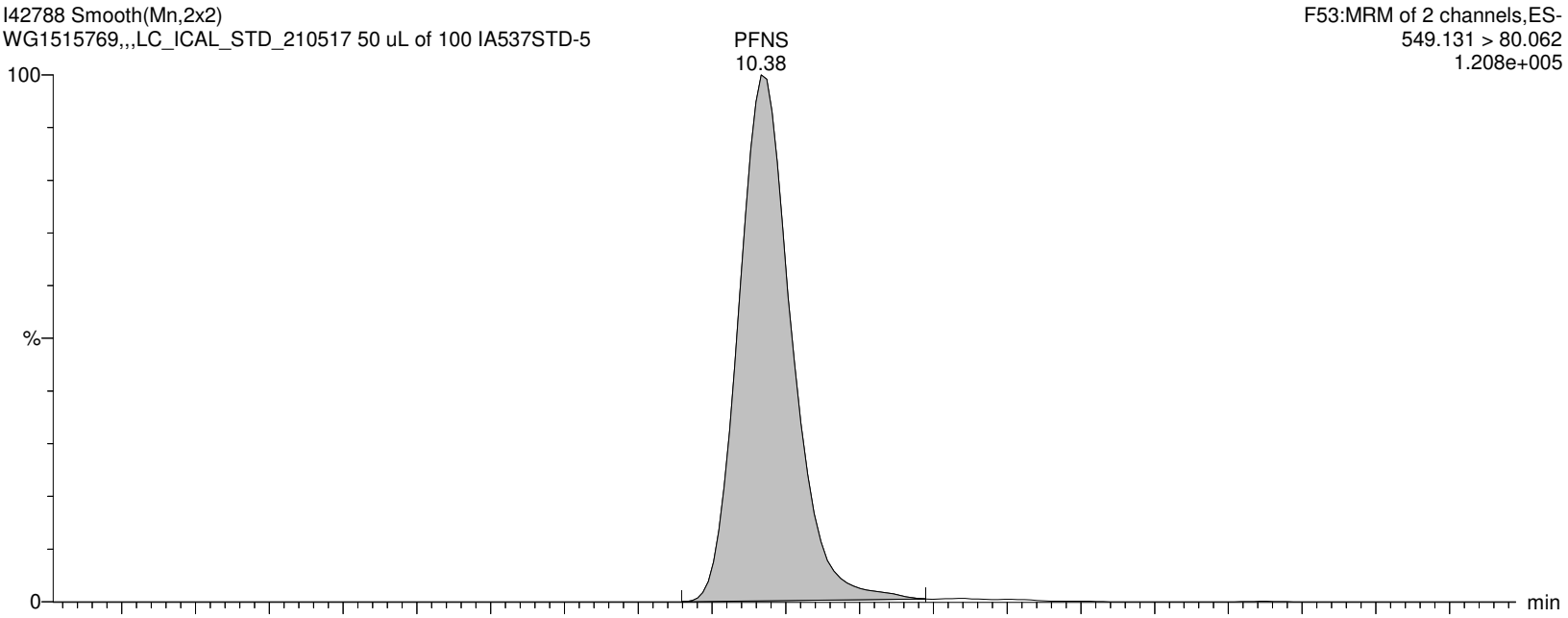


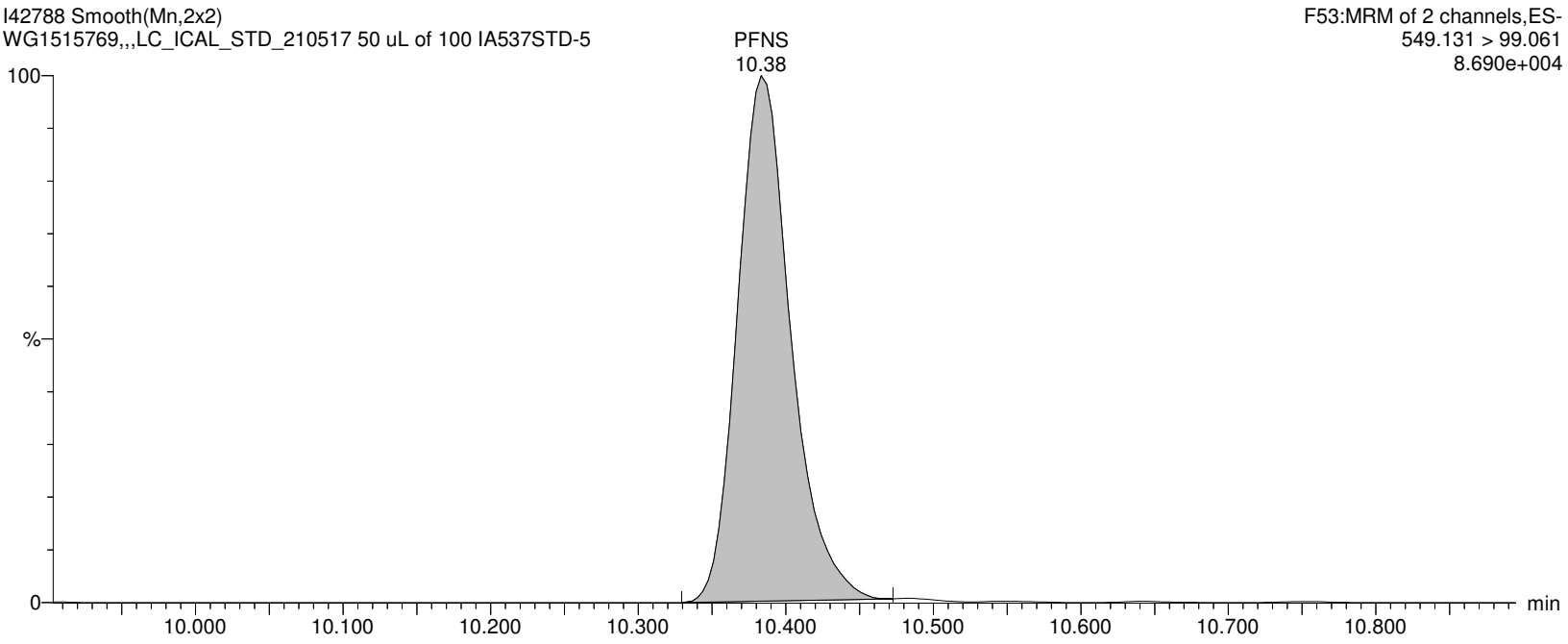
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNS



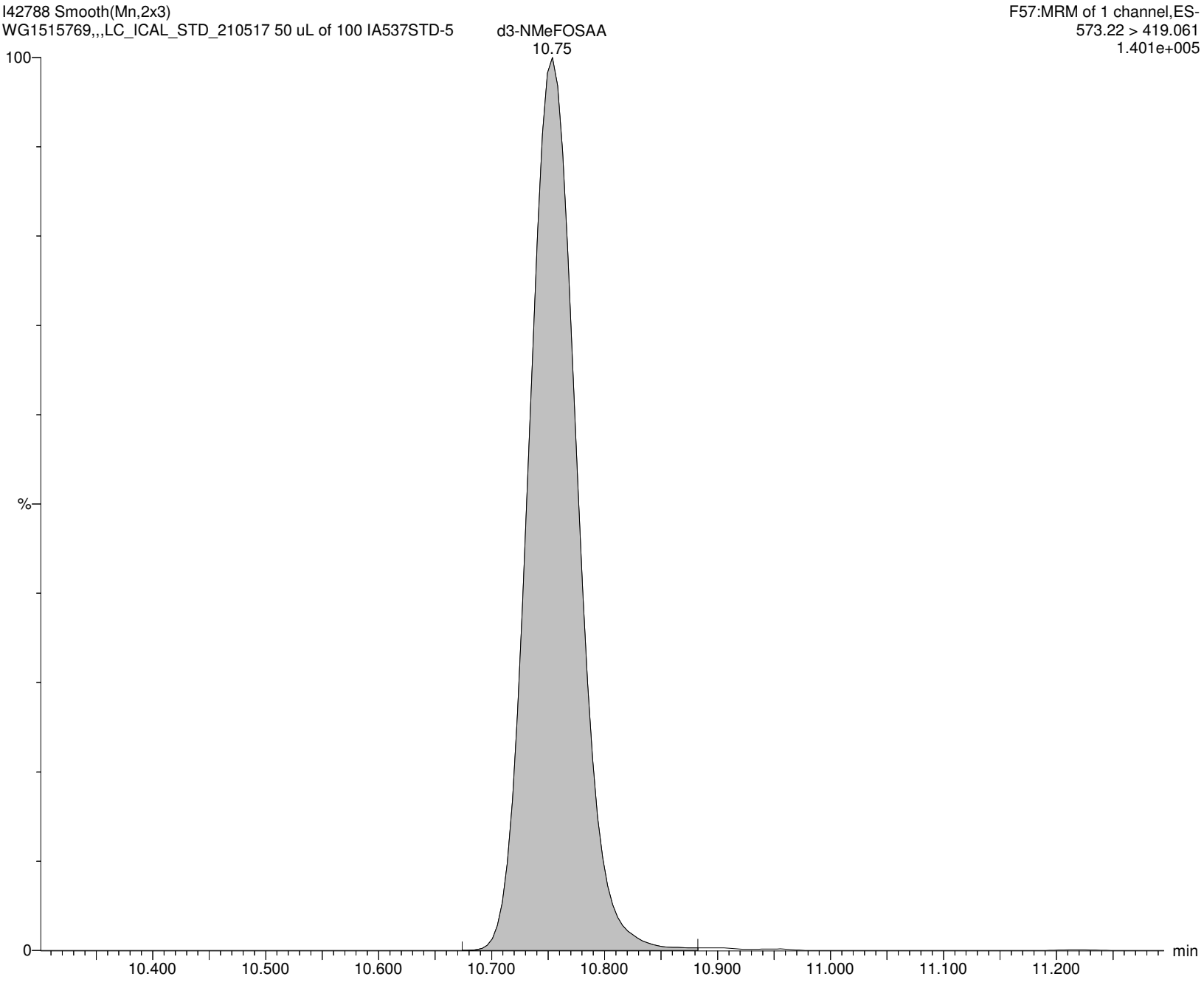


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSAA

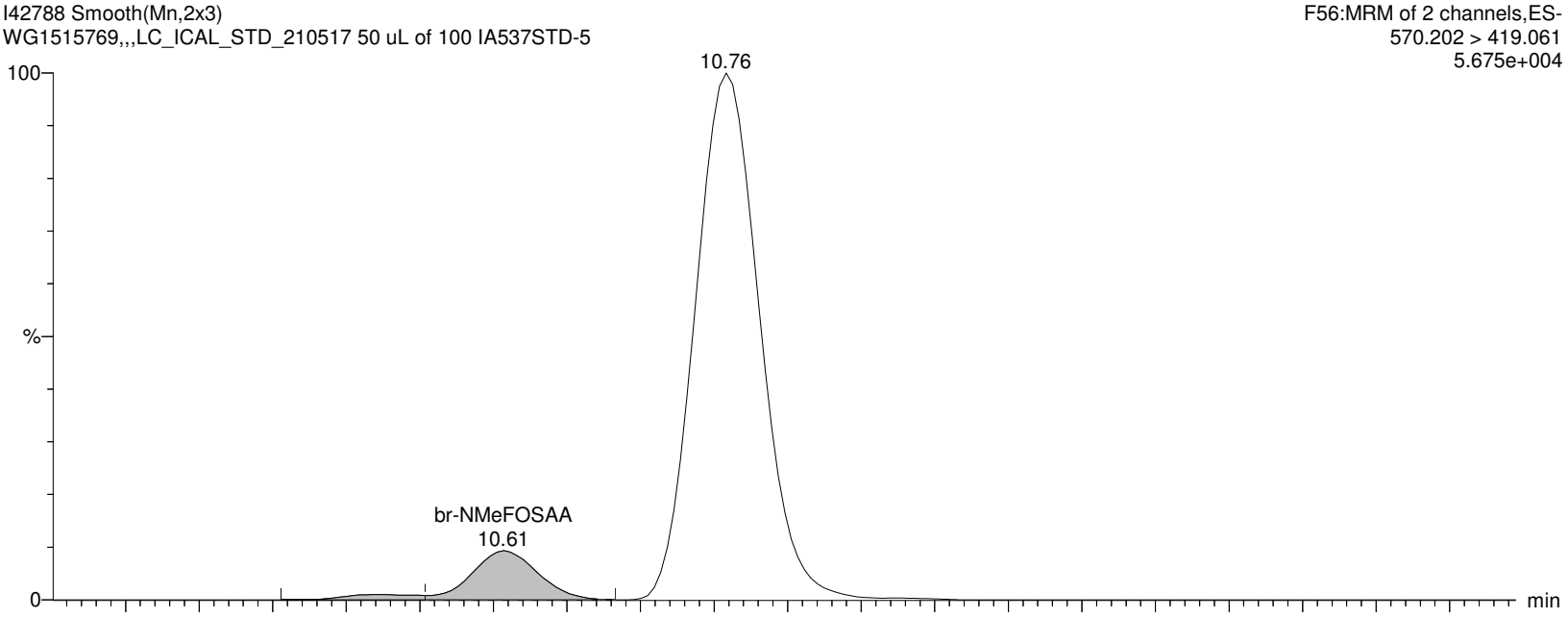


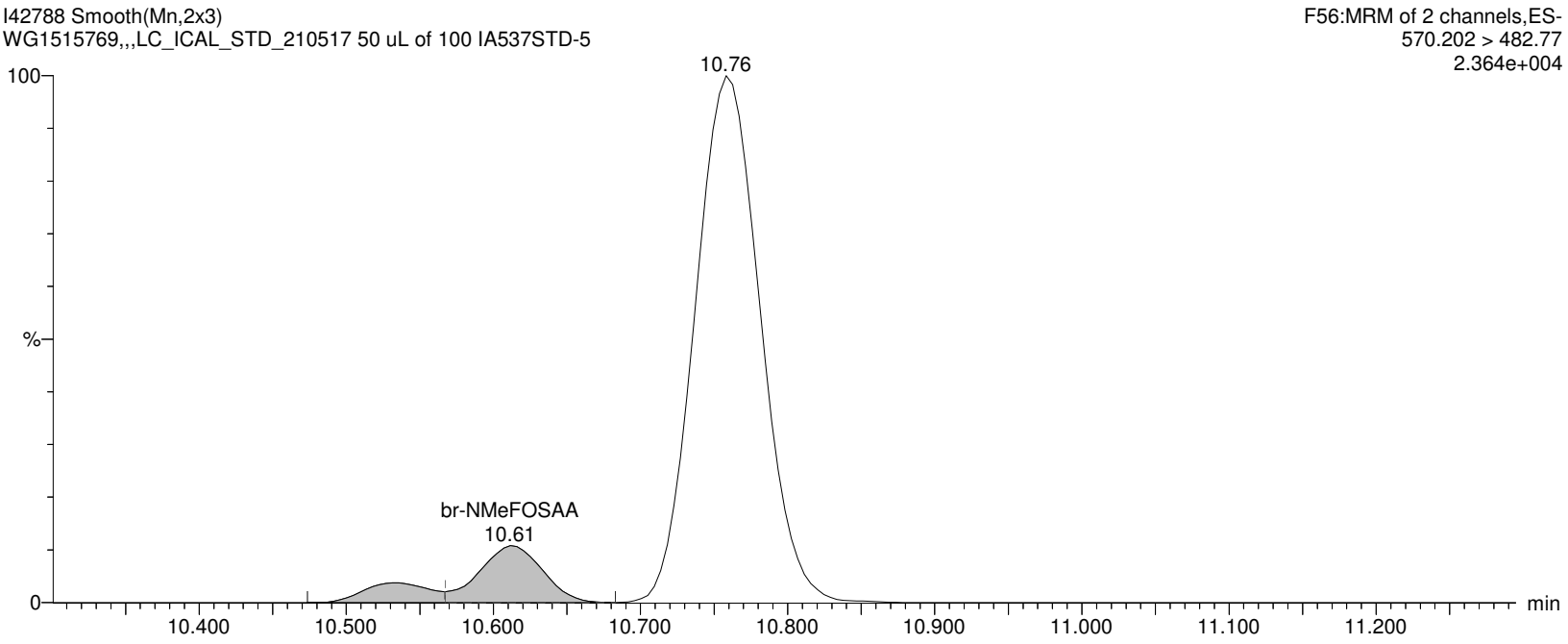
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NMeFOSAA



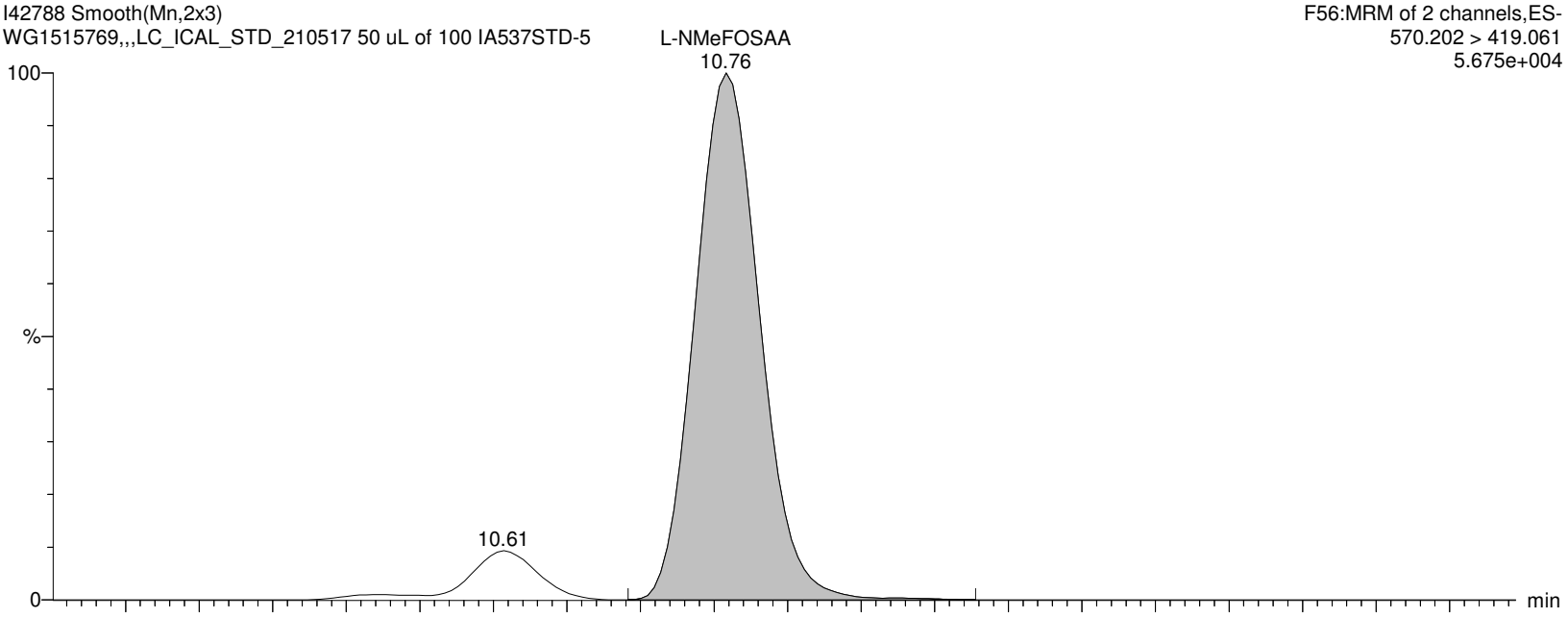


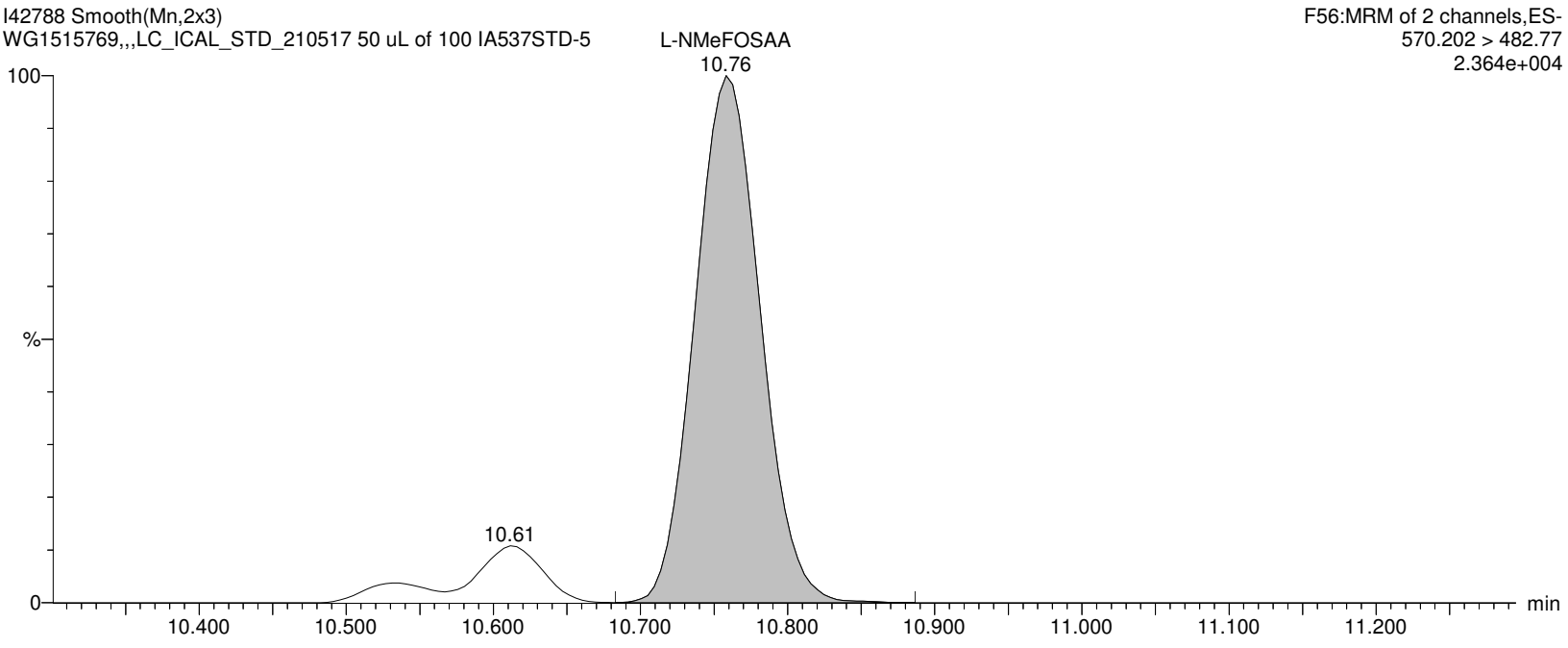
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NMeFOSAA



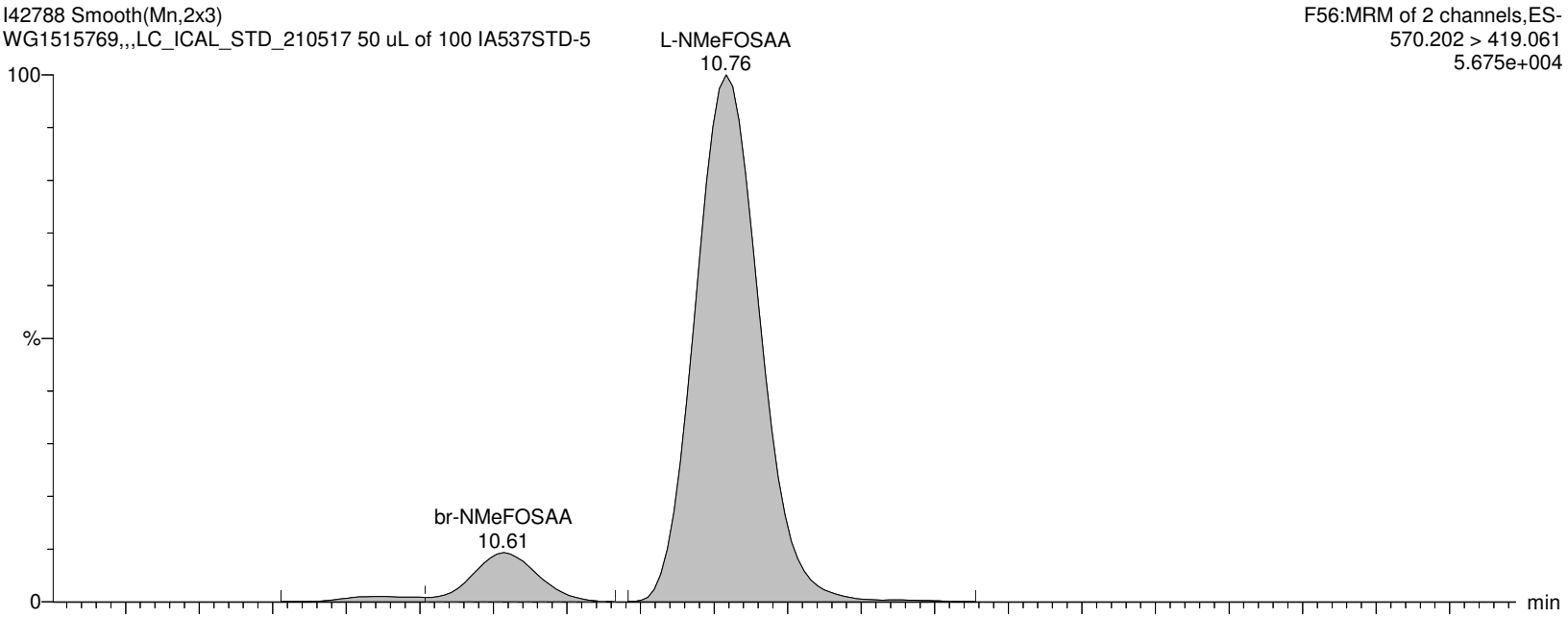


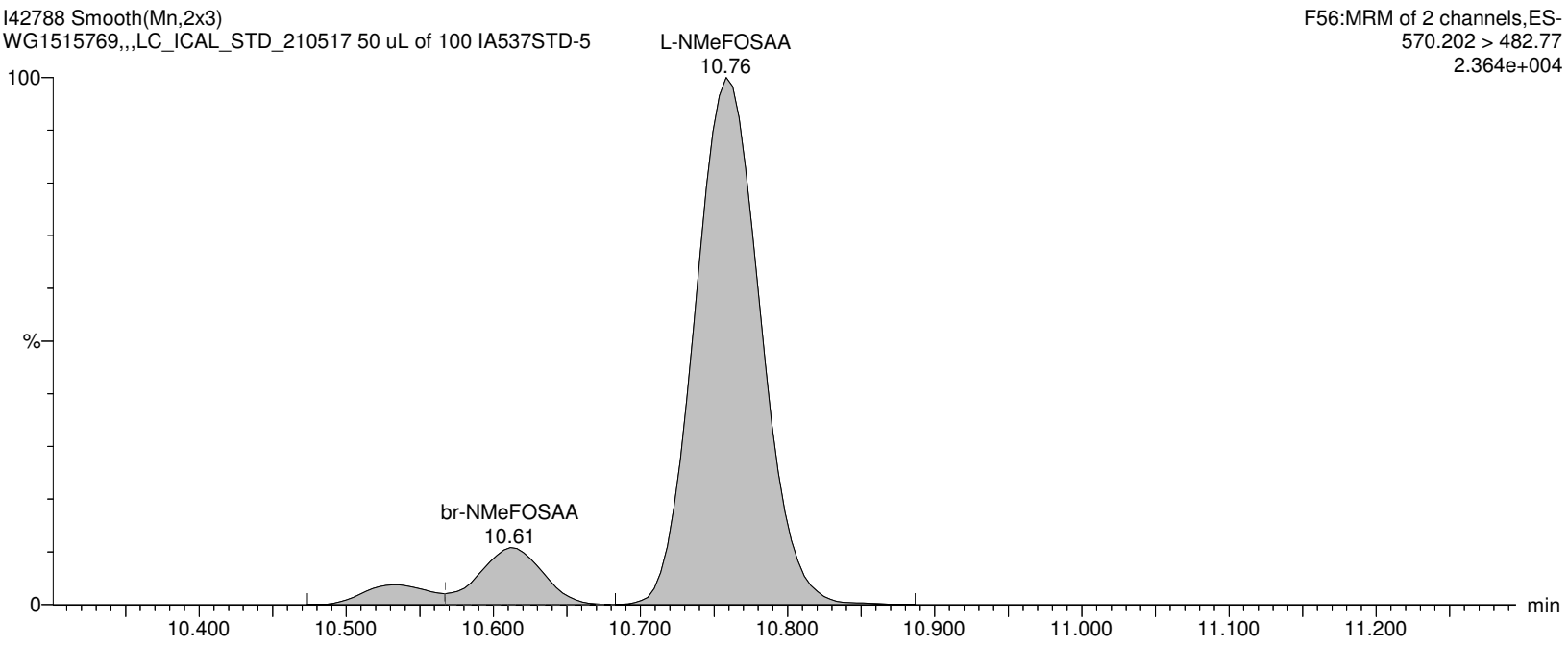
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSAA



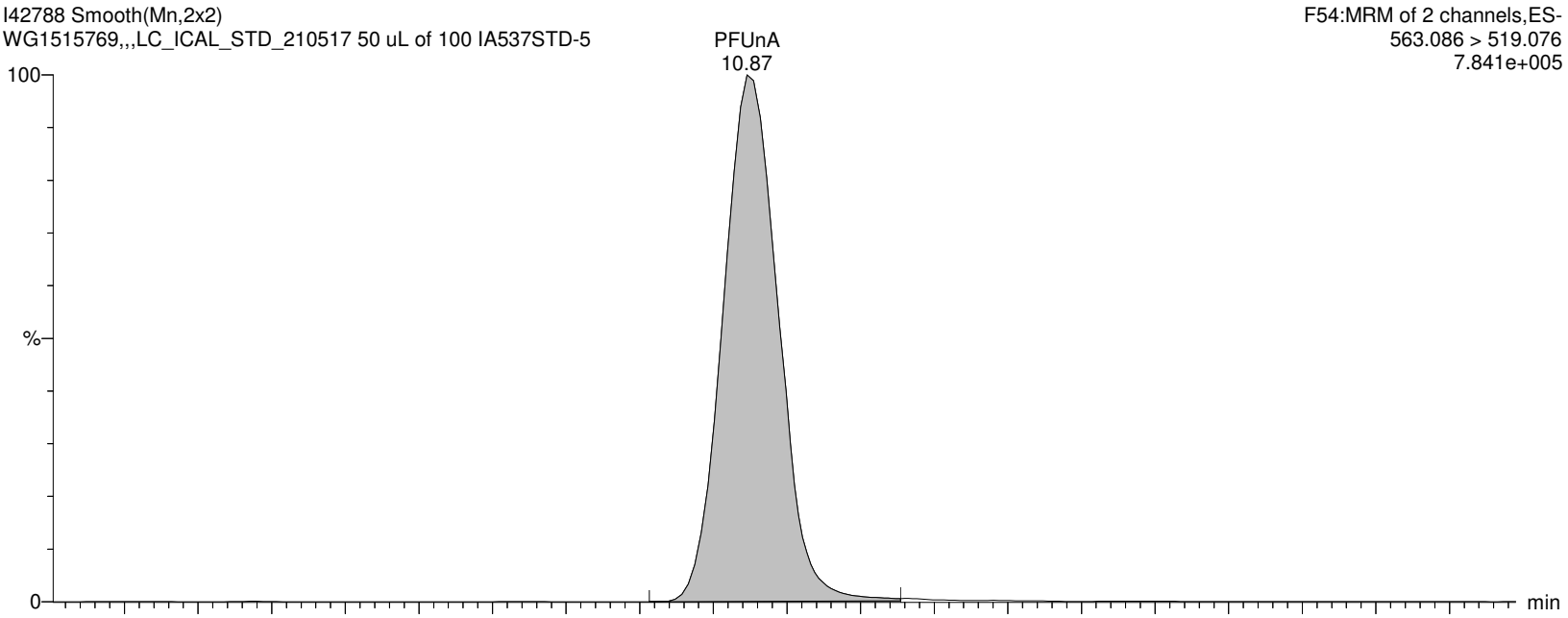


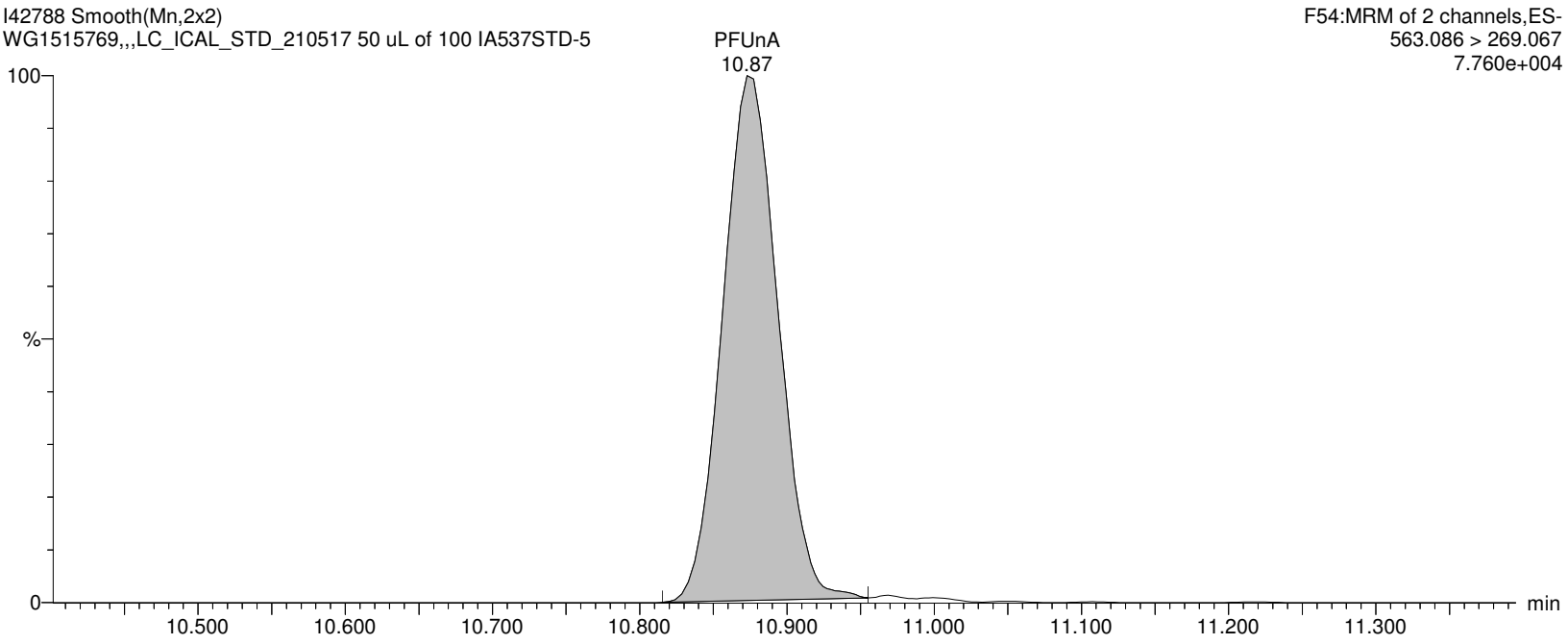
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFUnA



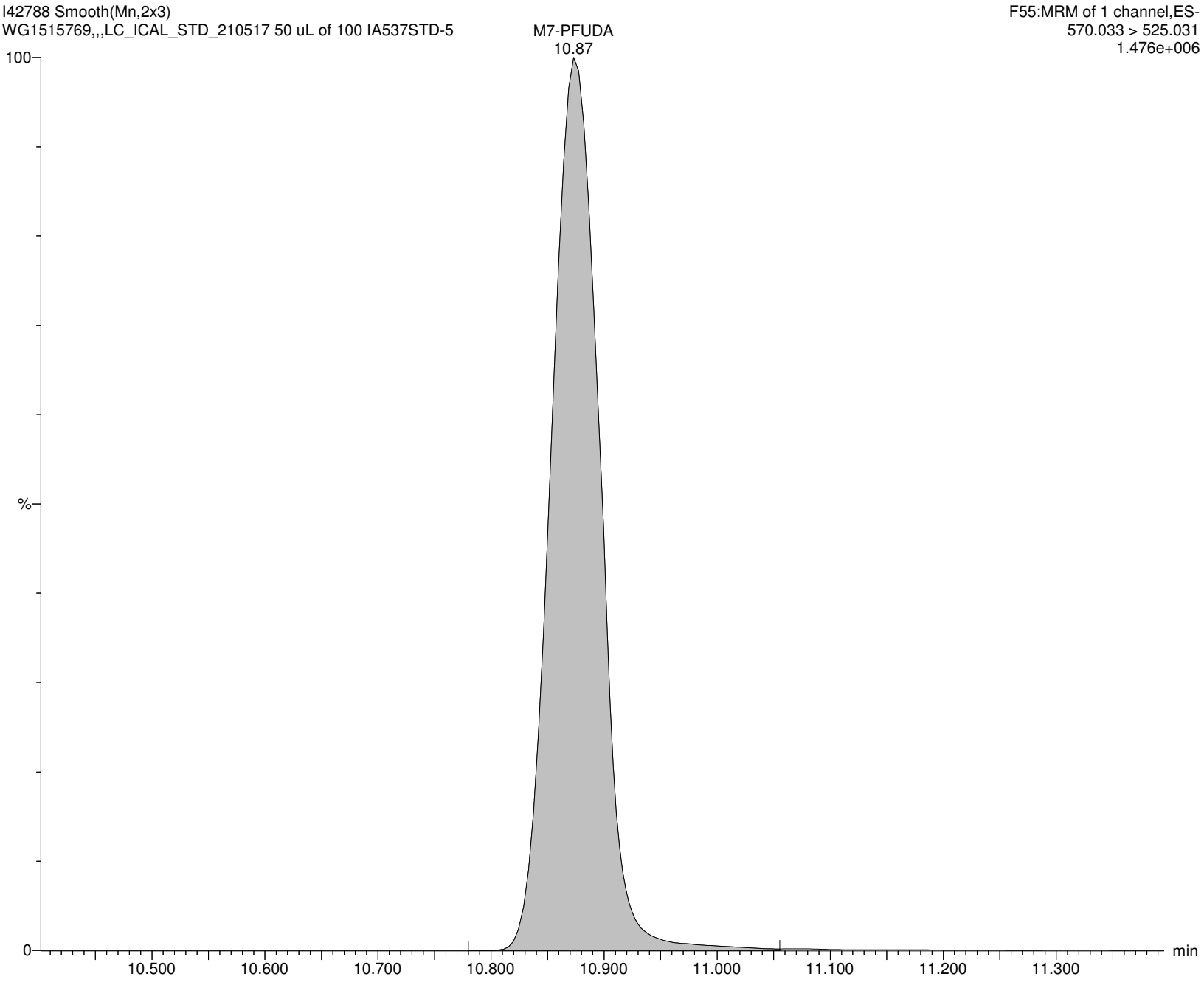


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M7-PFUDA

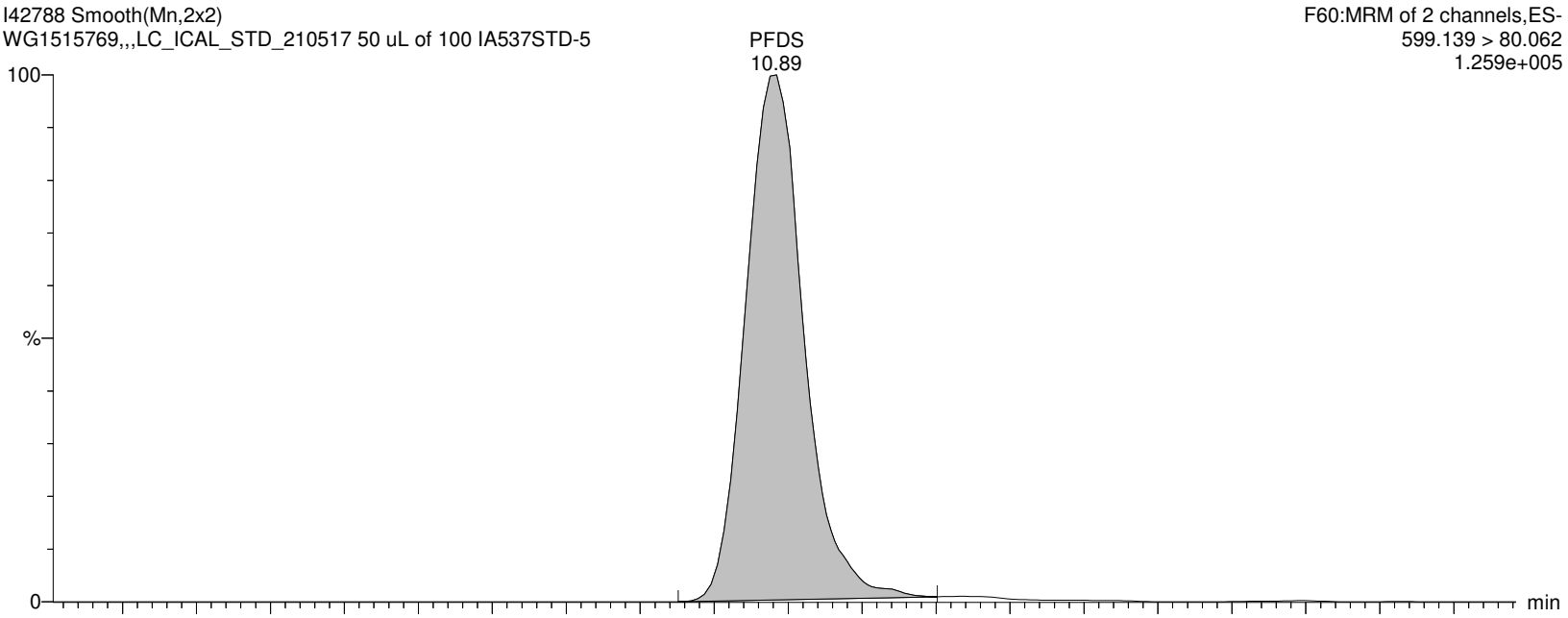


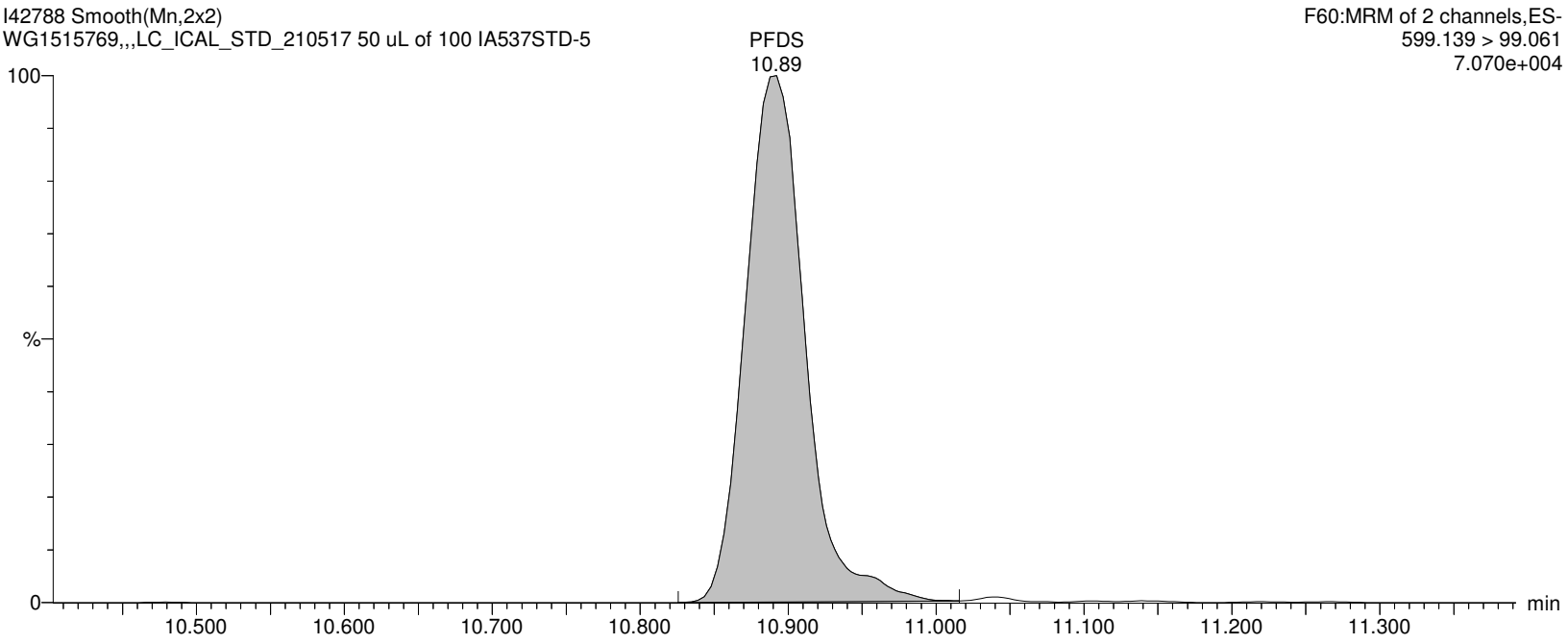
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDS



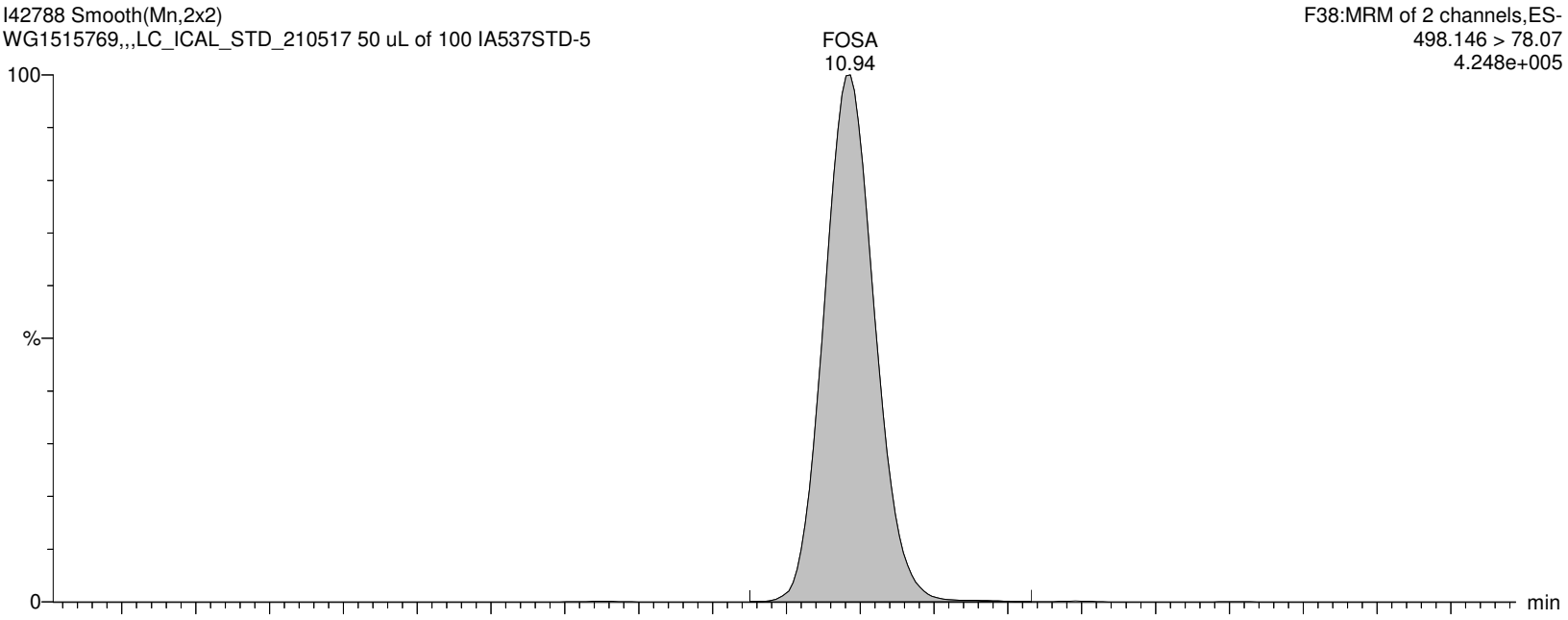


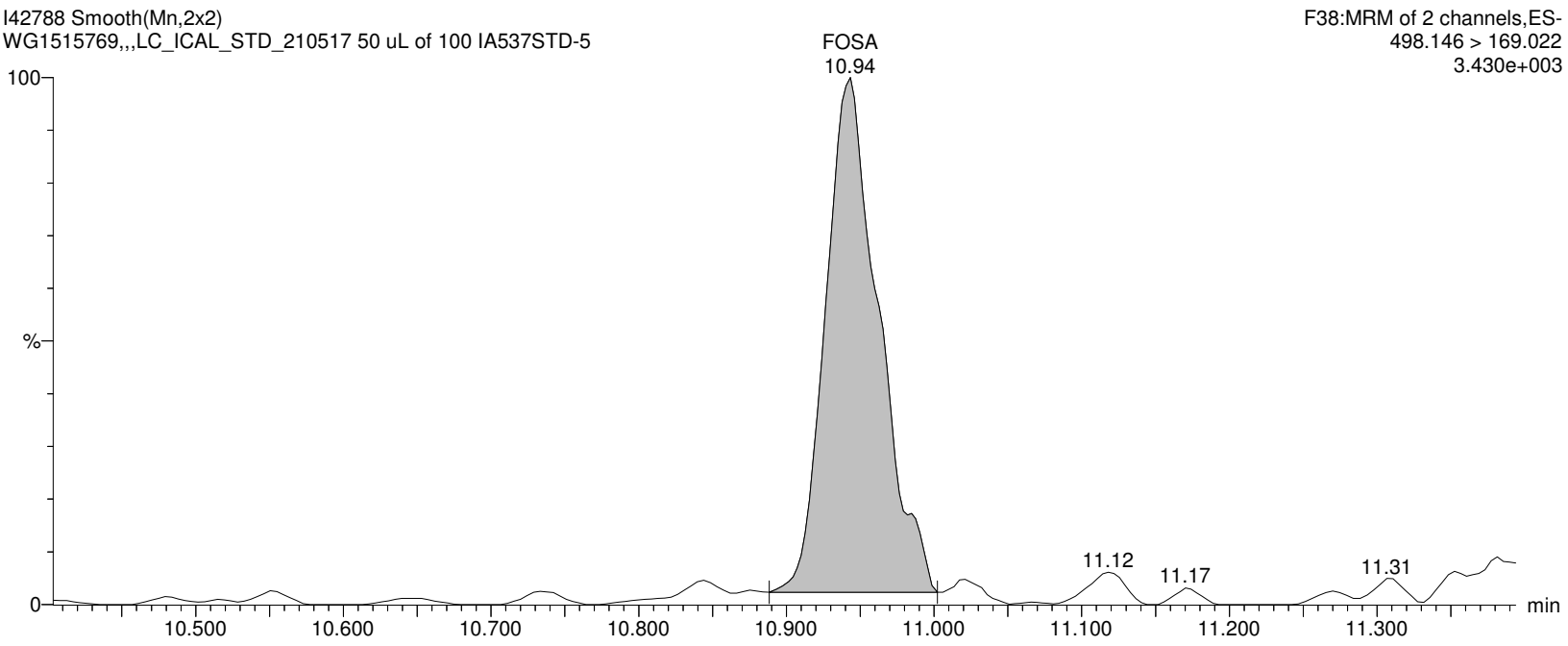
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

FOSA



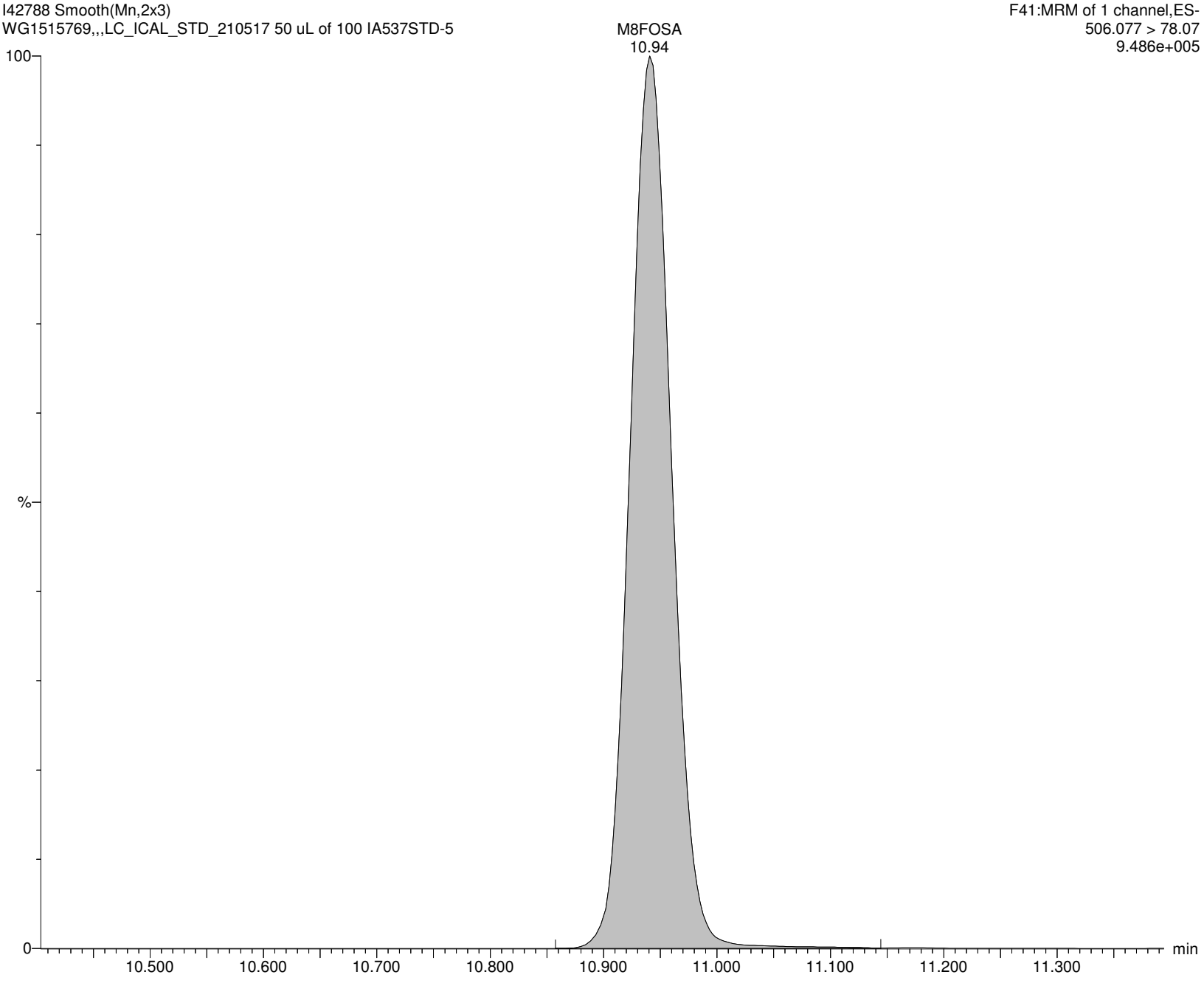


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8FOSA

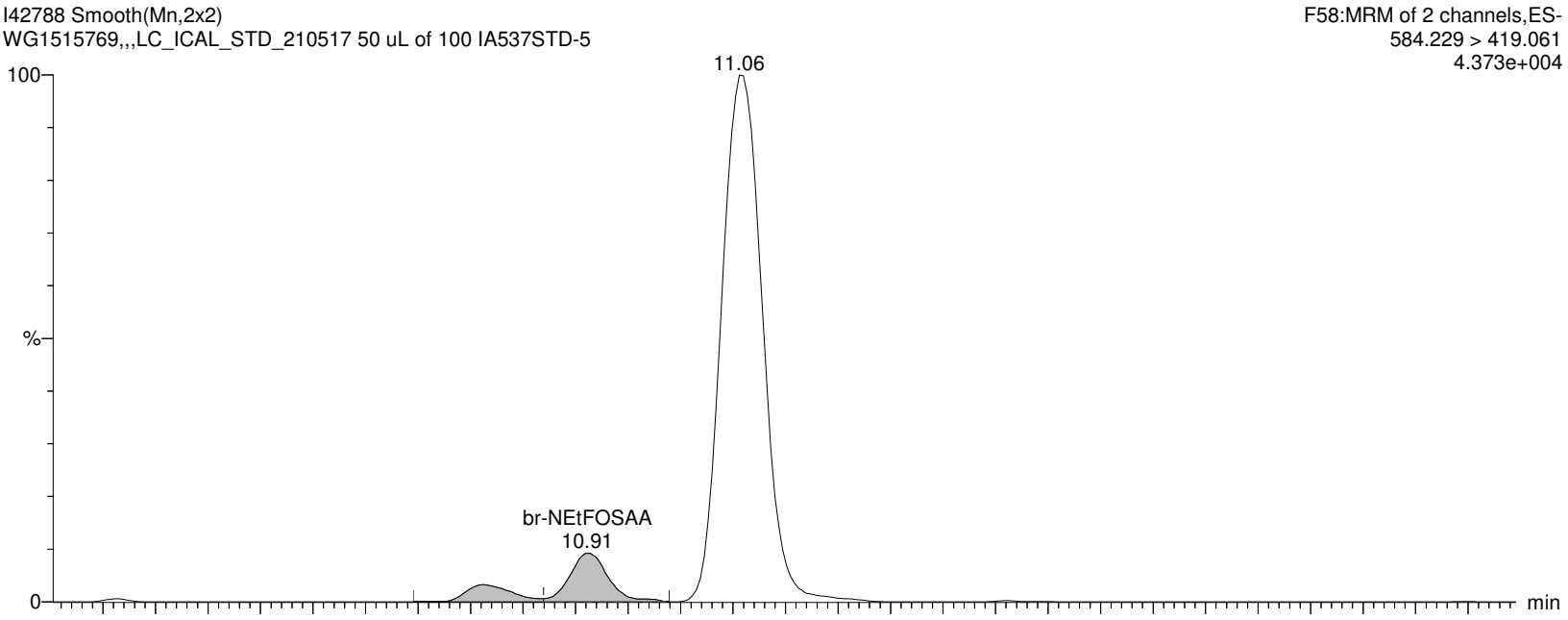


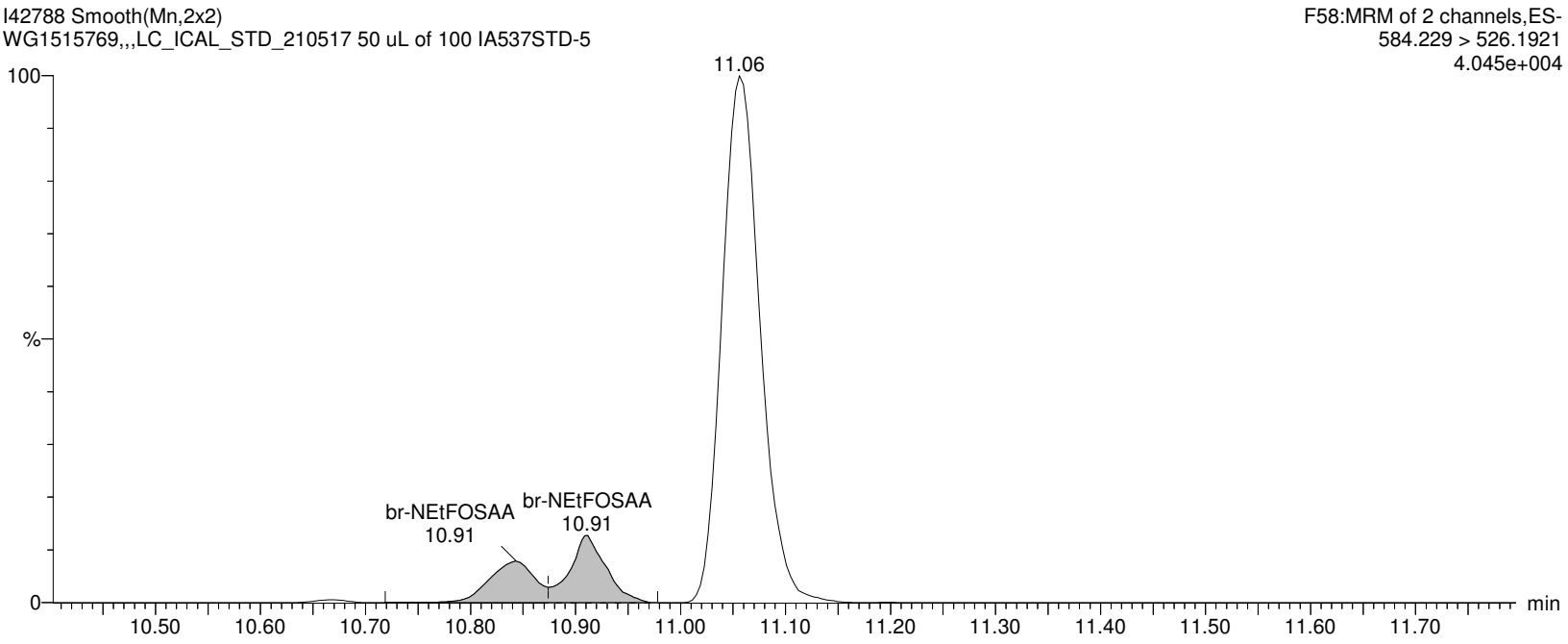
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NEtFOSAA



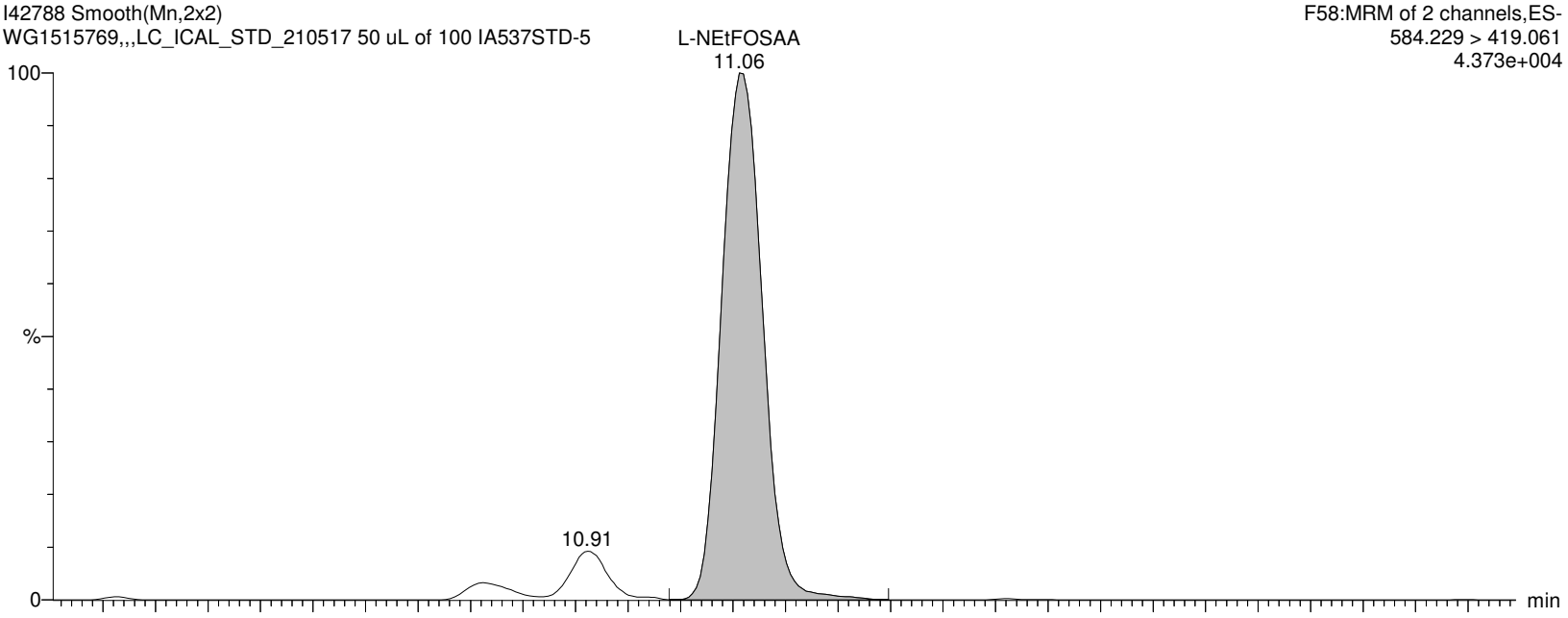


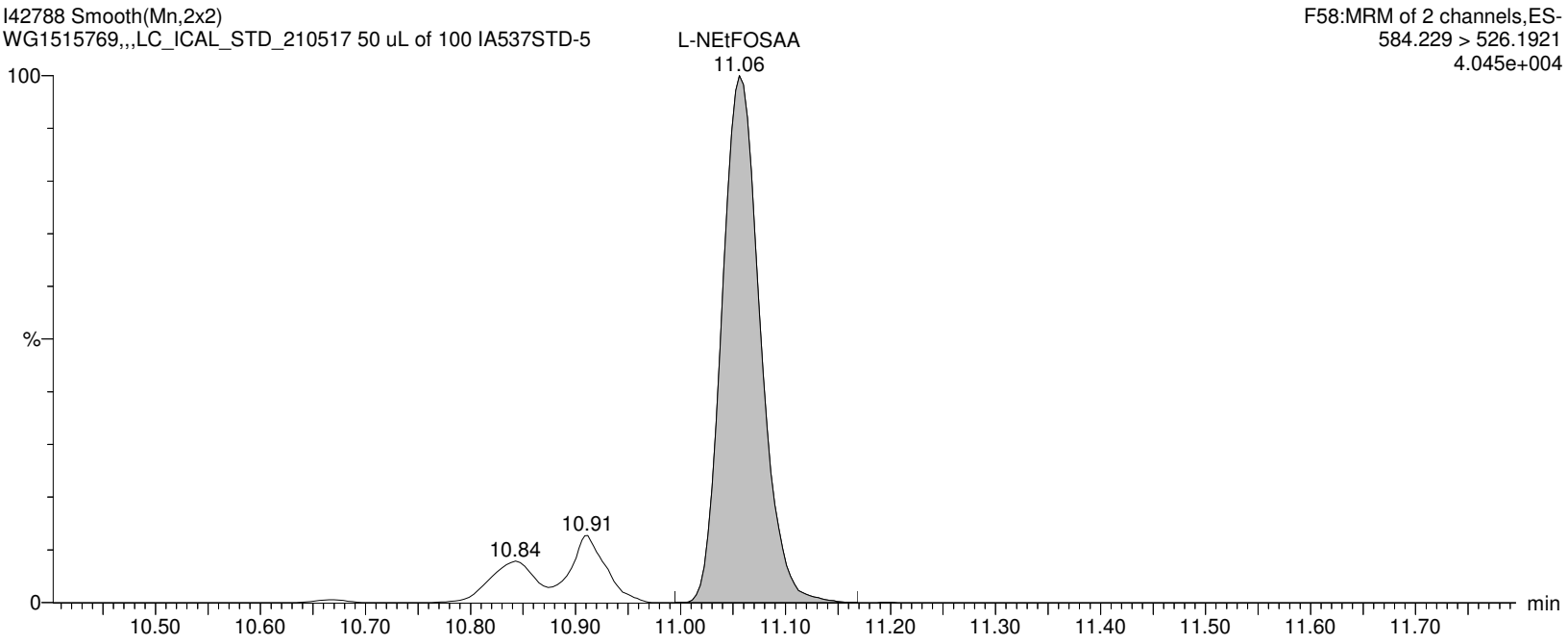
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NEtFOSAA



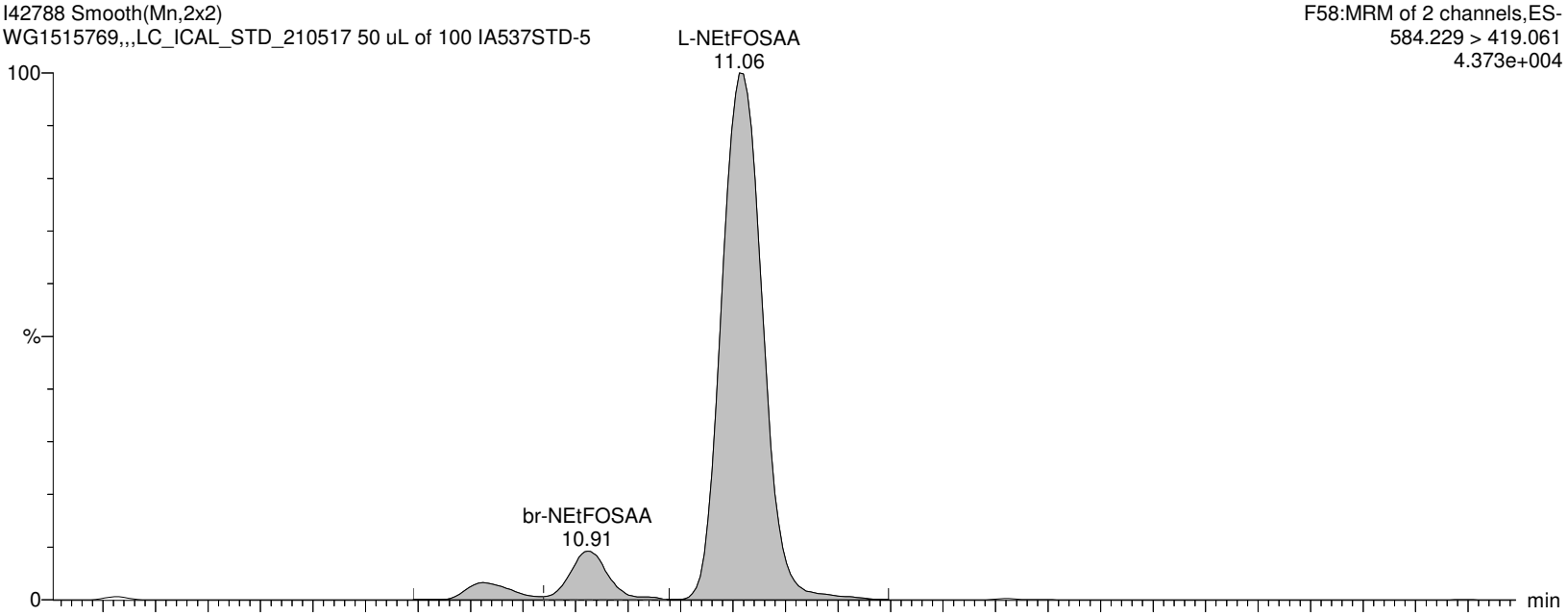


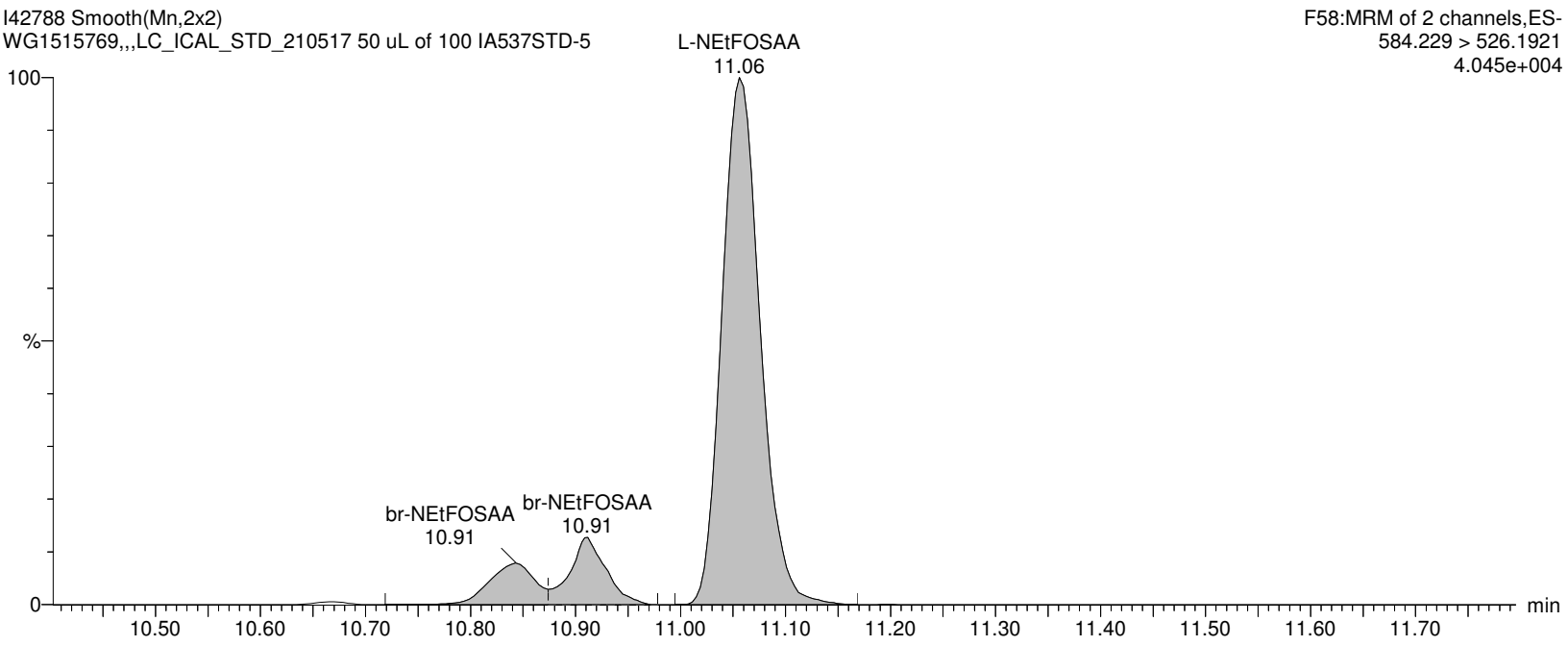
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSAA



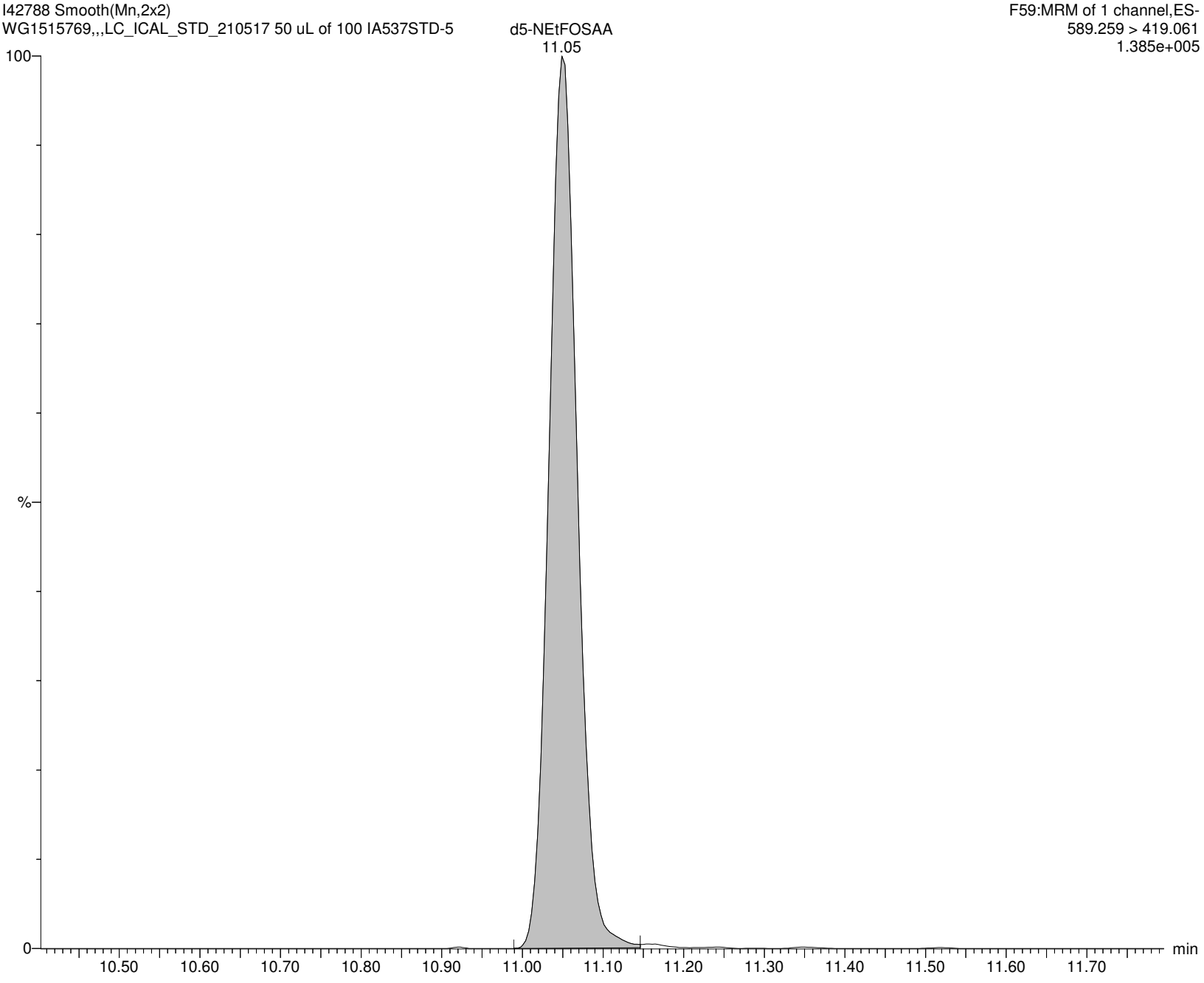


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSAA

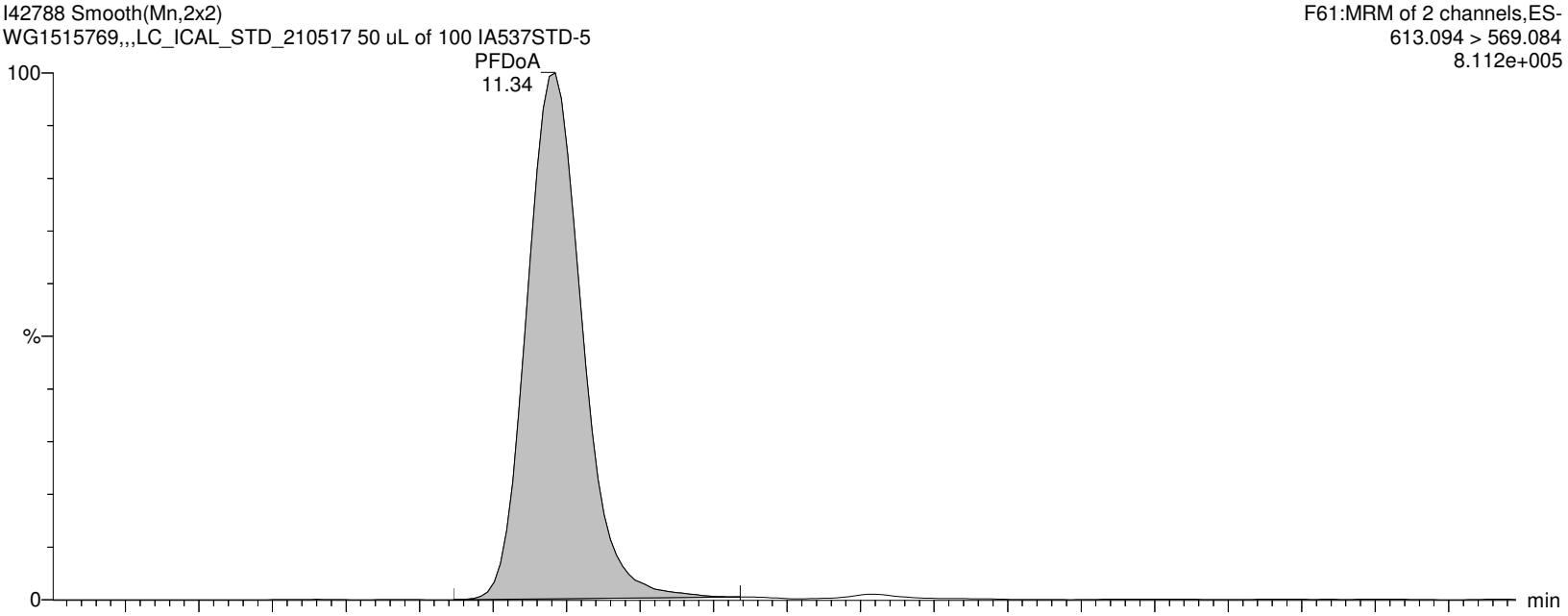


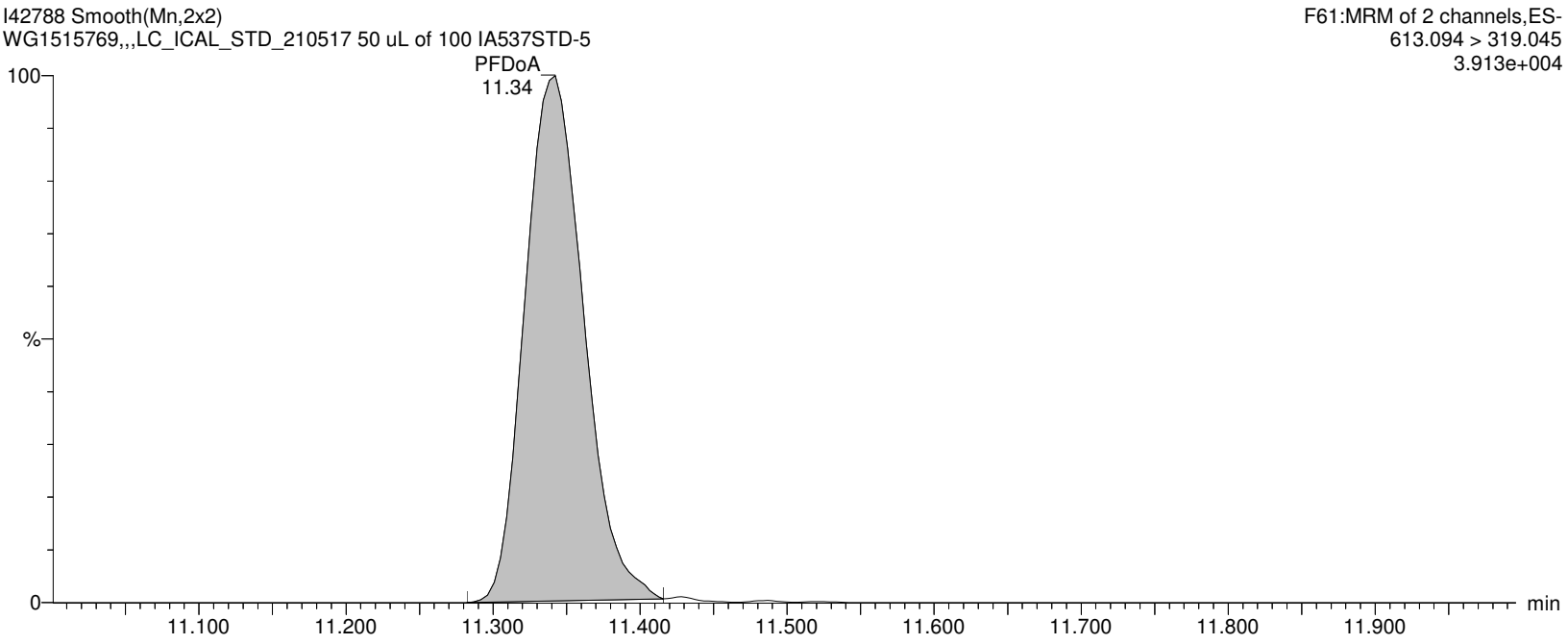
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoA



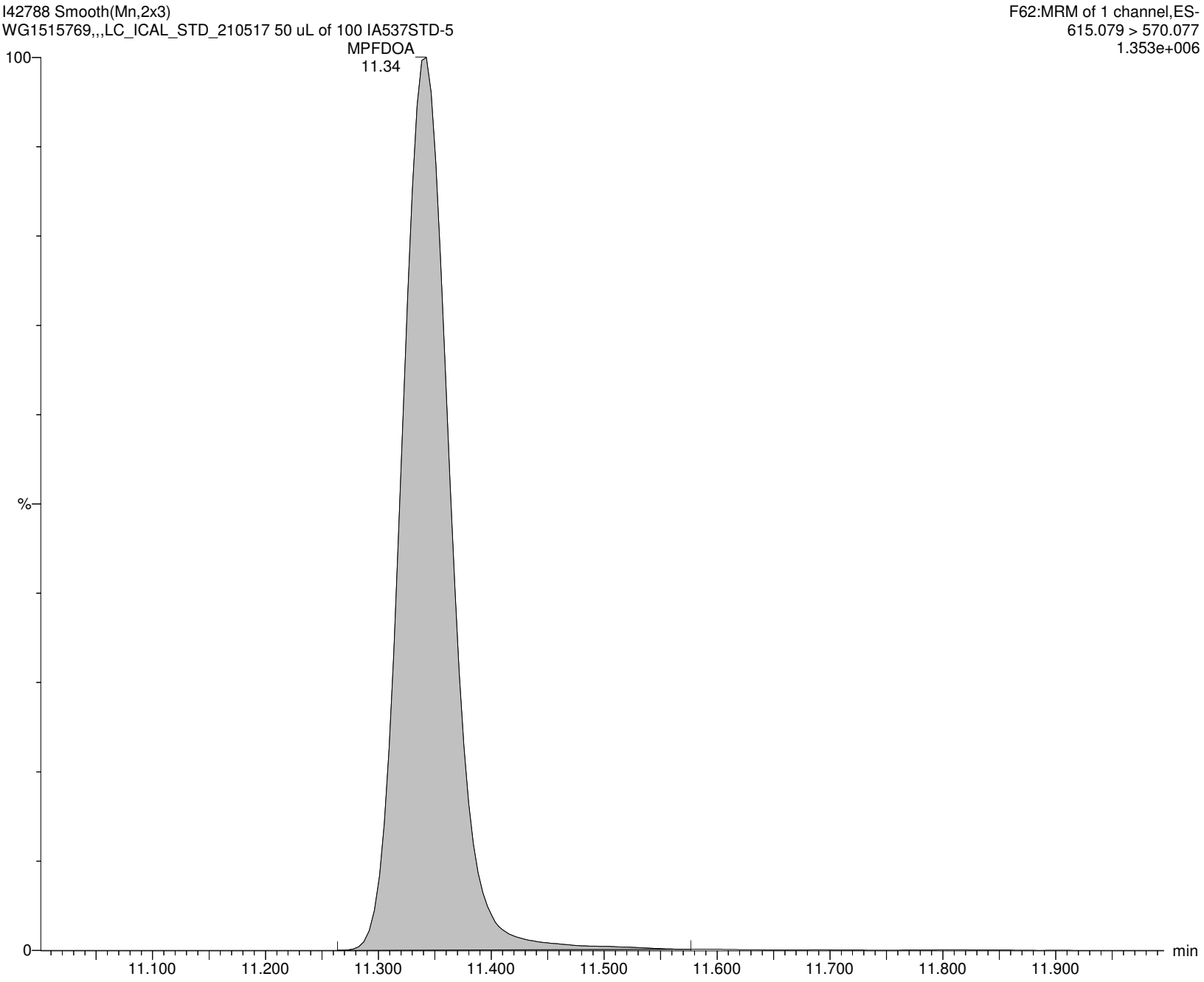


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFDOA

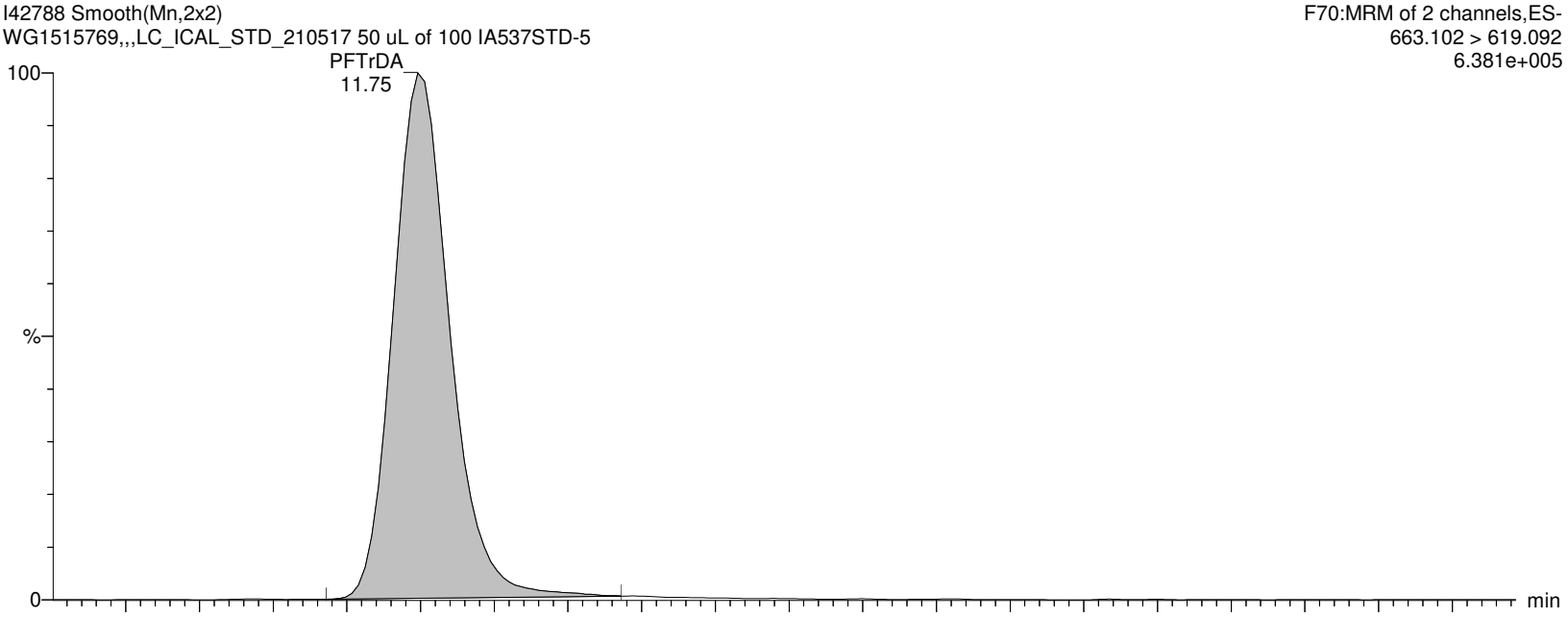


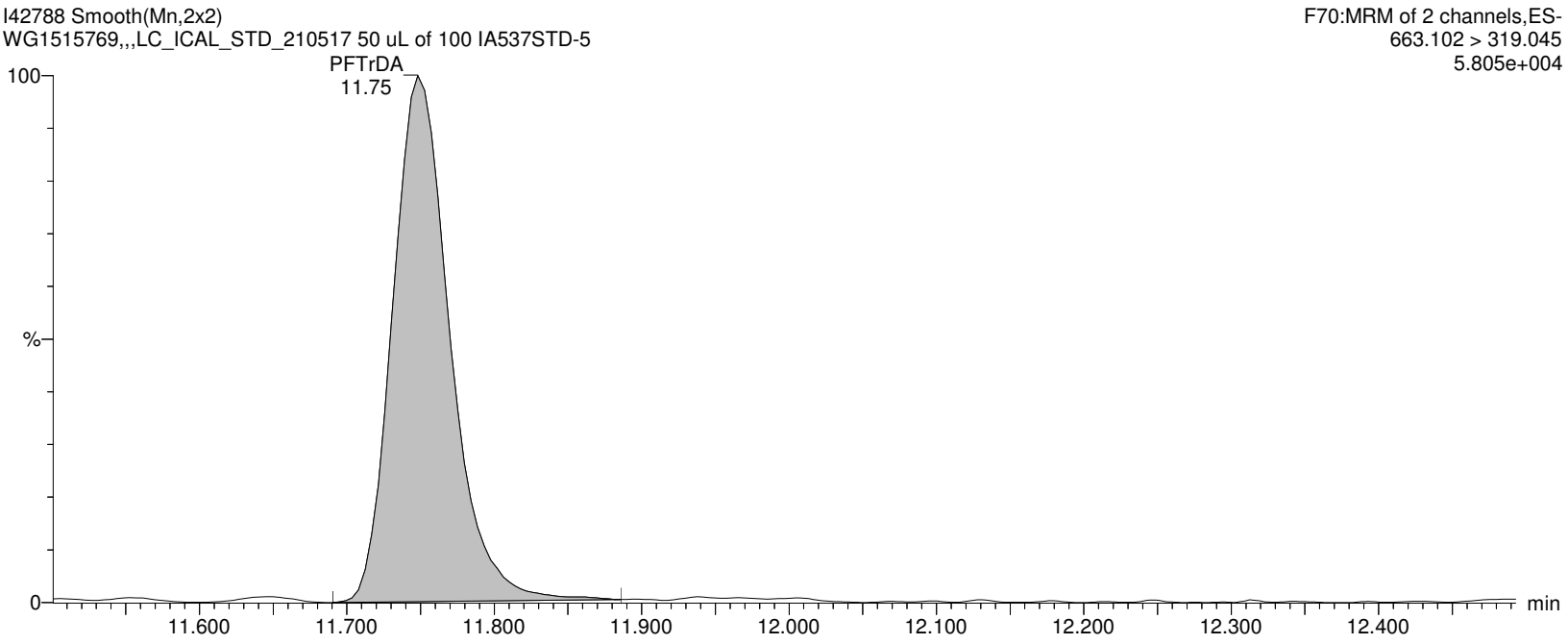
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTrDA



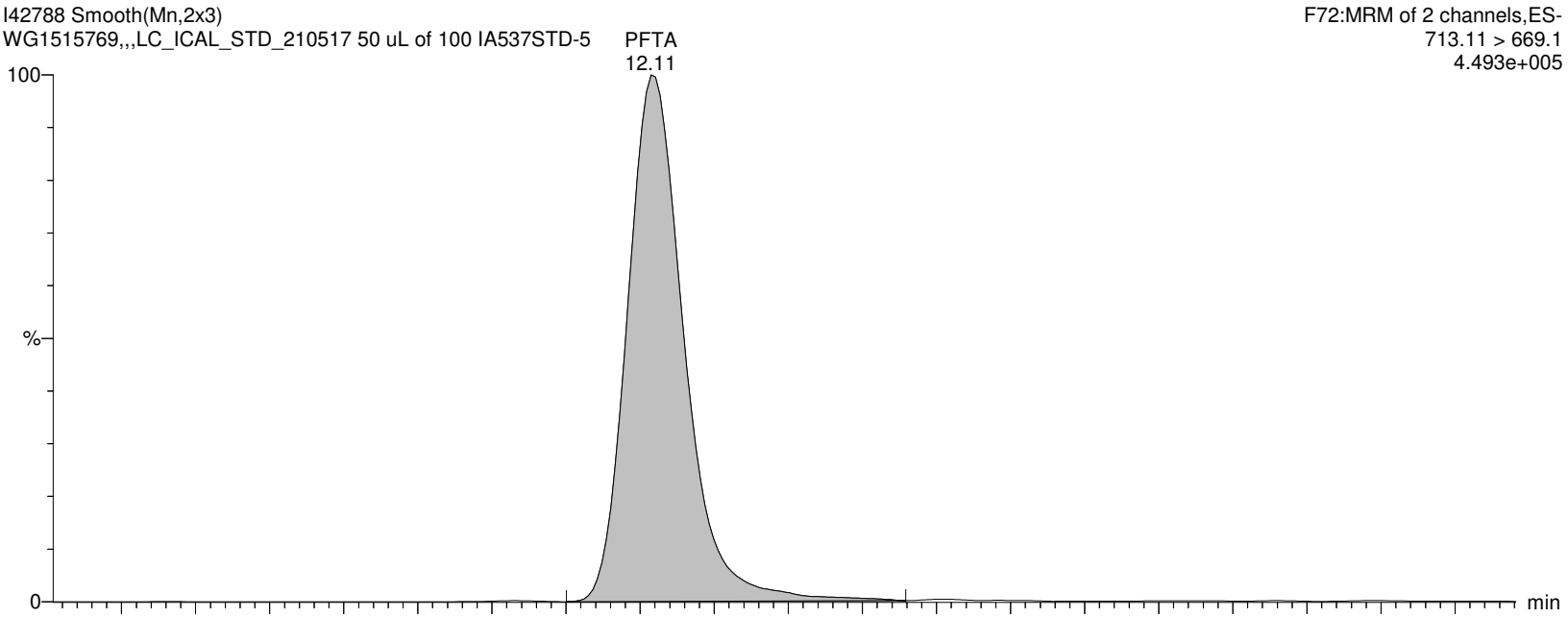


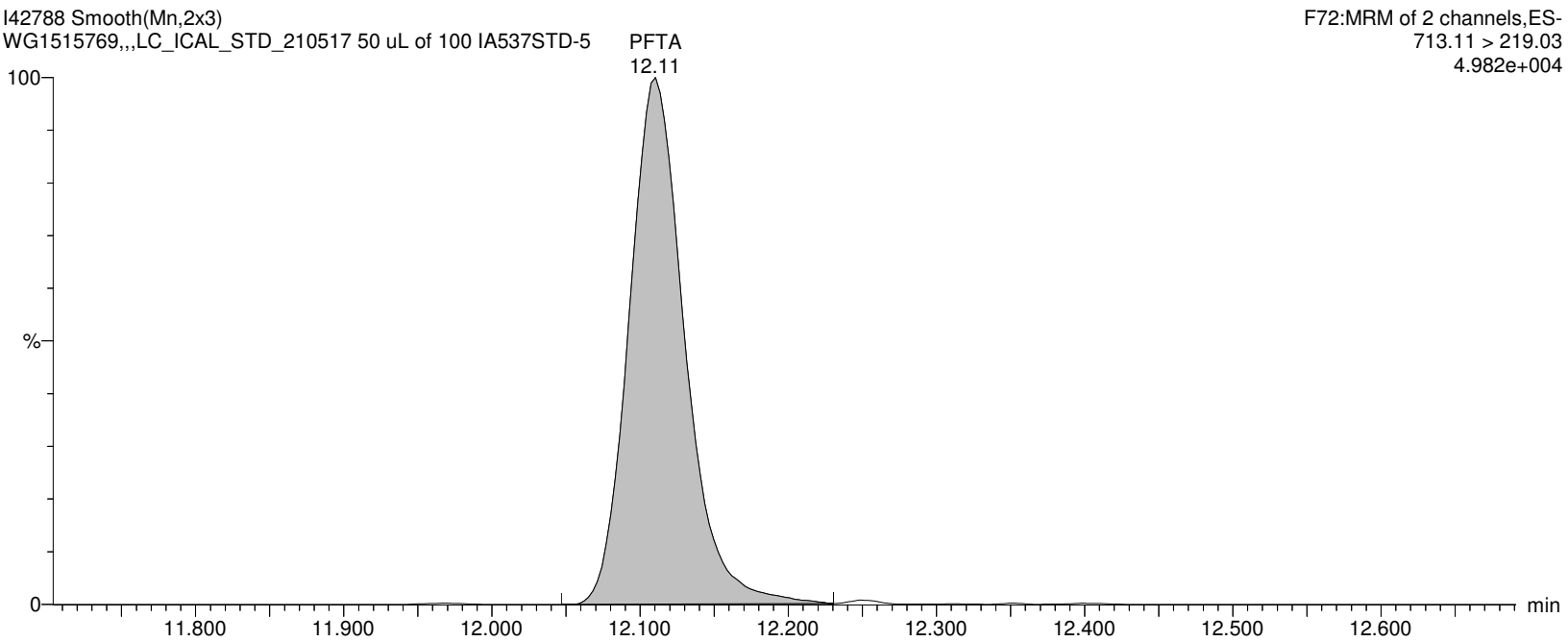
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTA



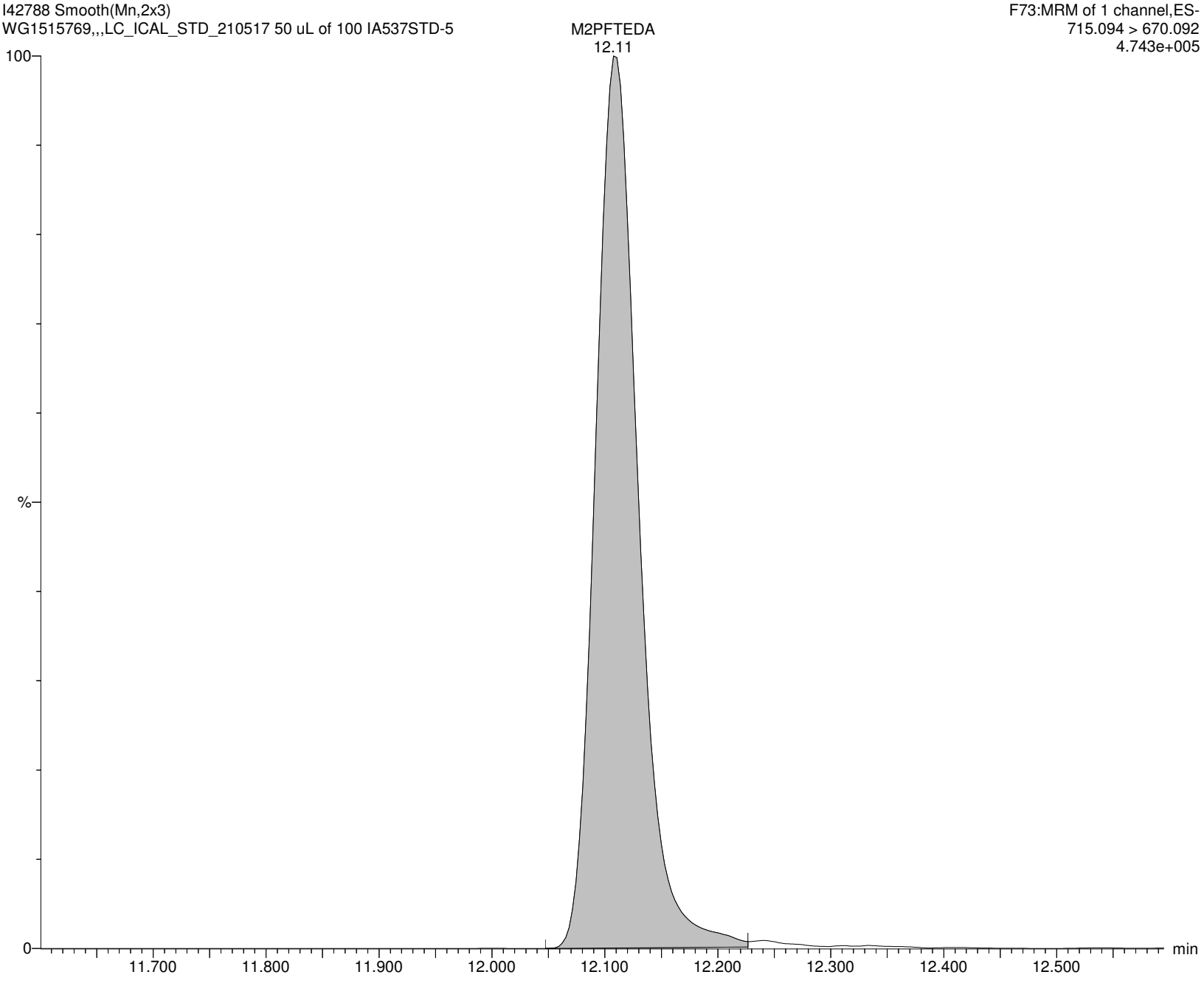


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFTEDA

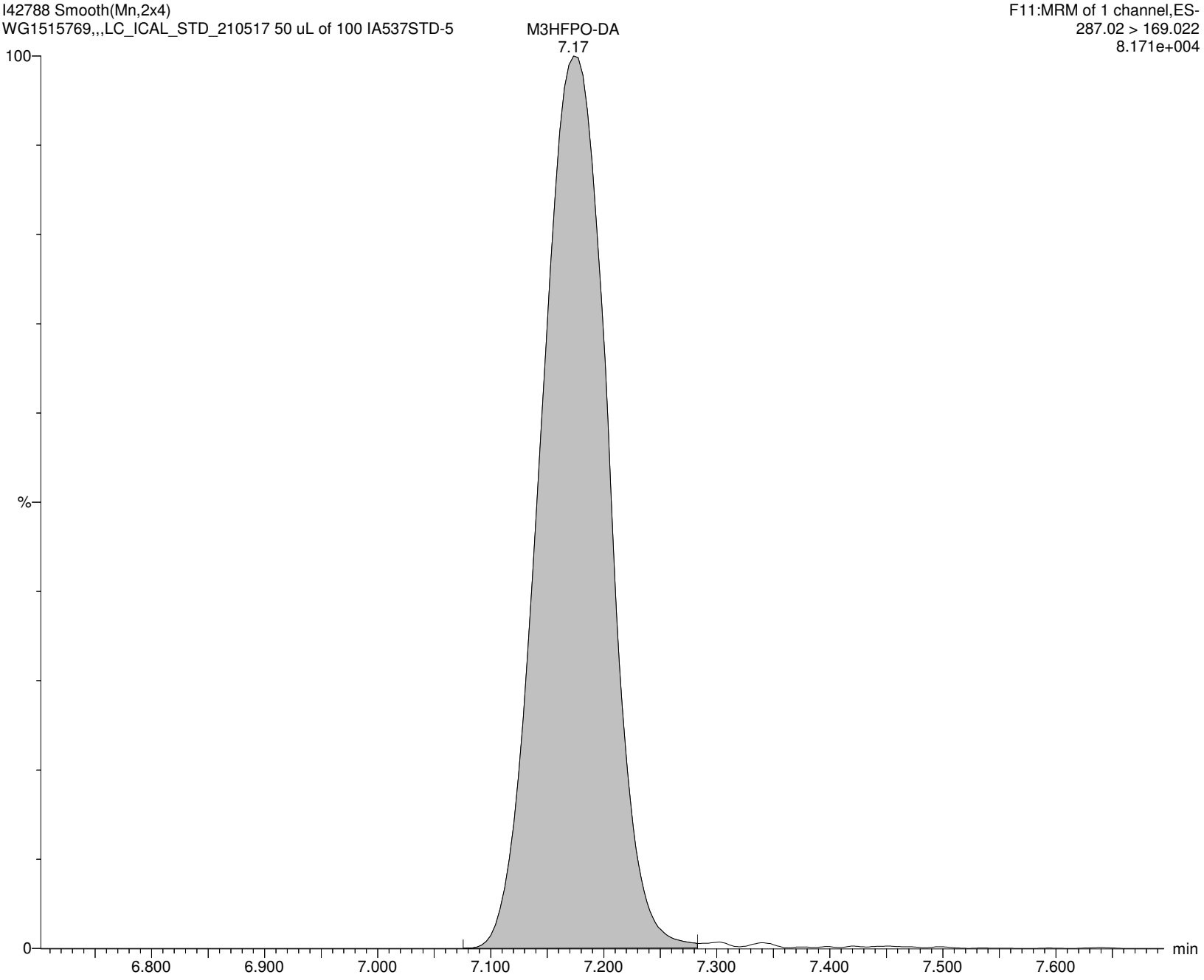


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3HFPO-DA

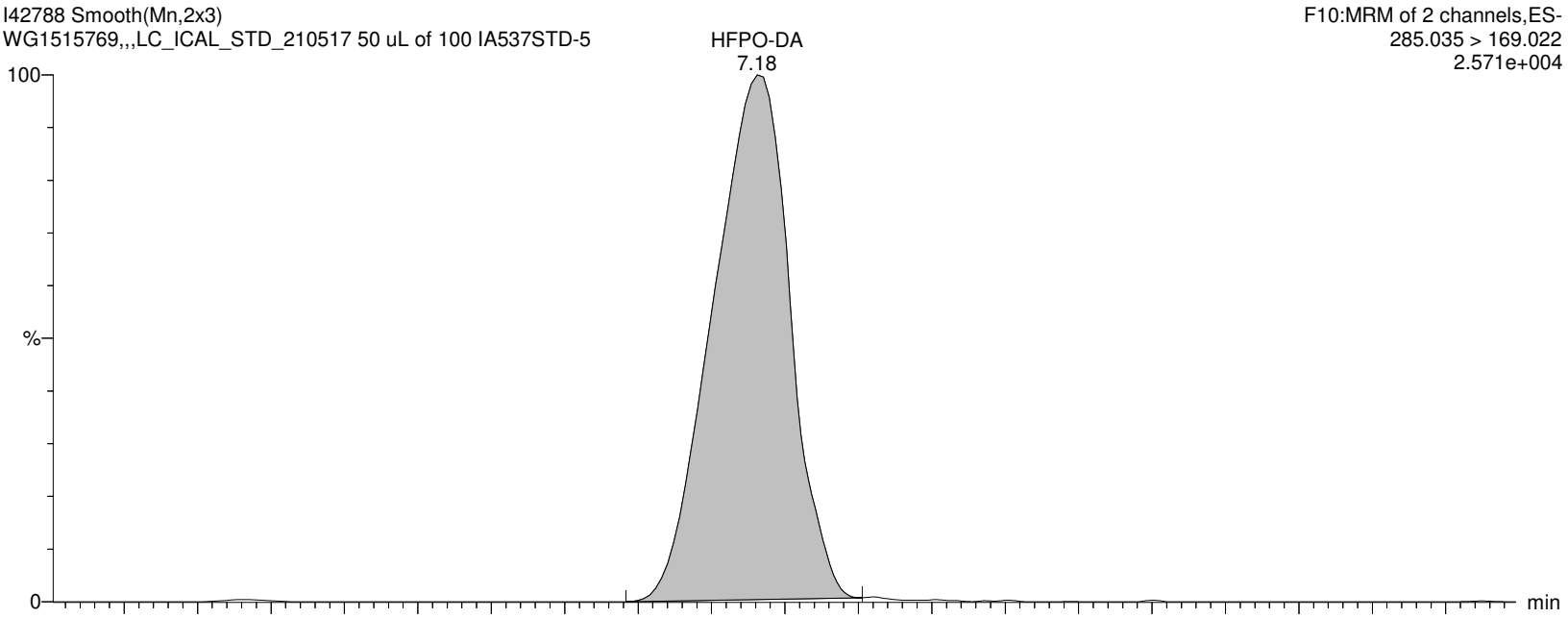


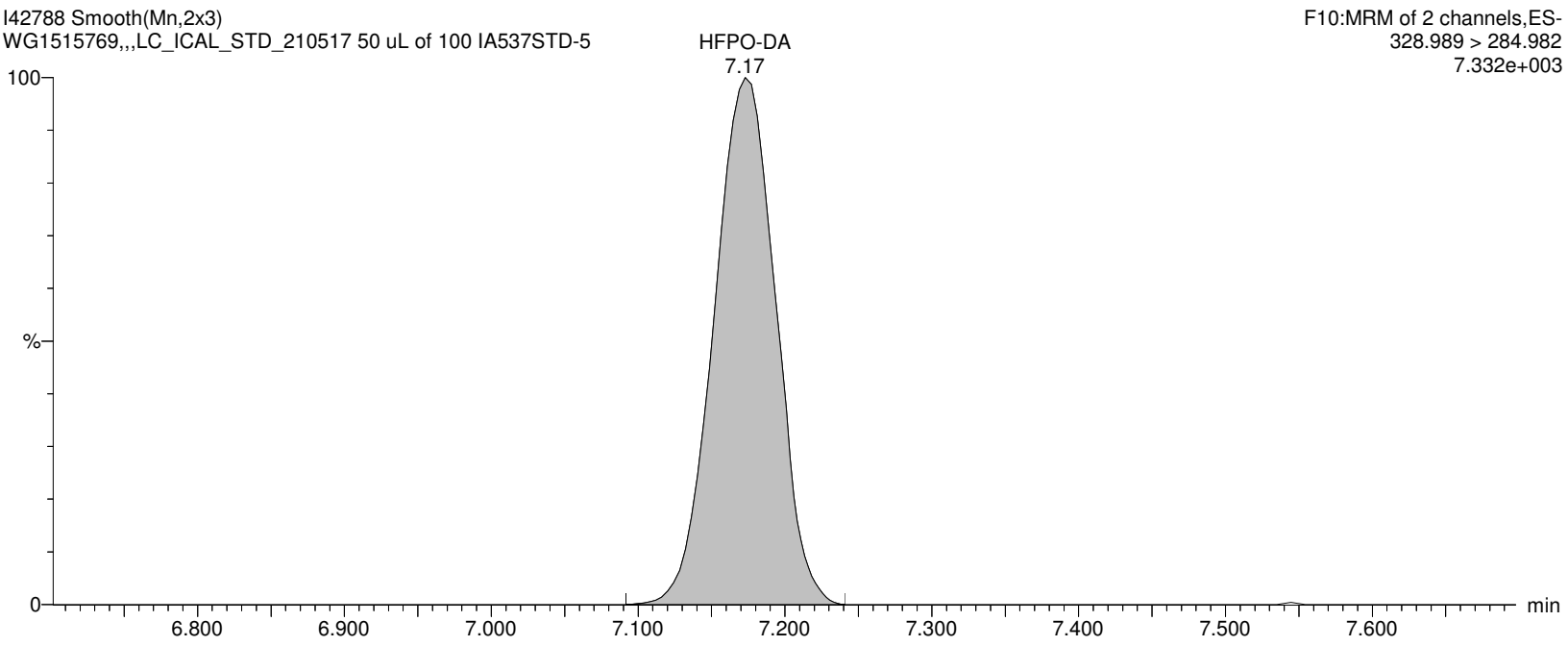
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

HFPO-DA



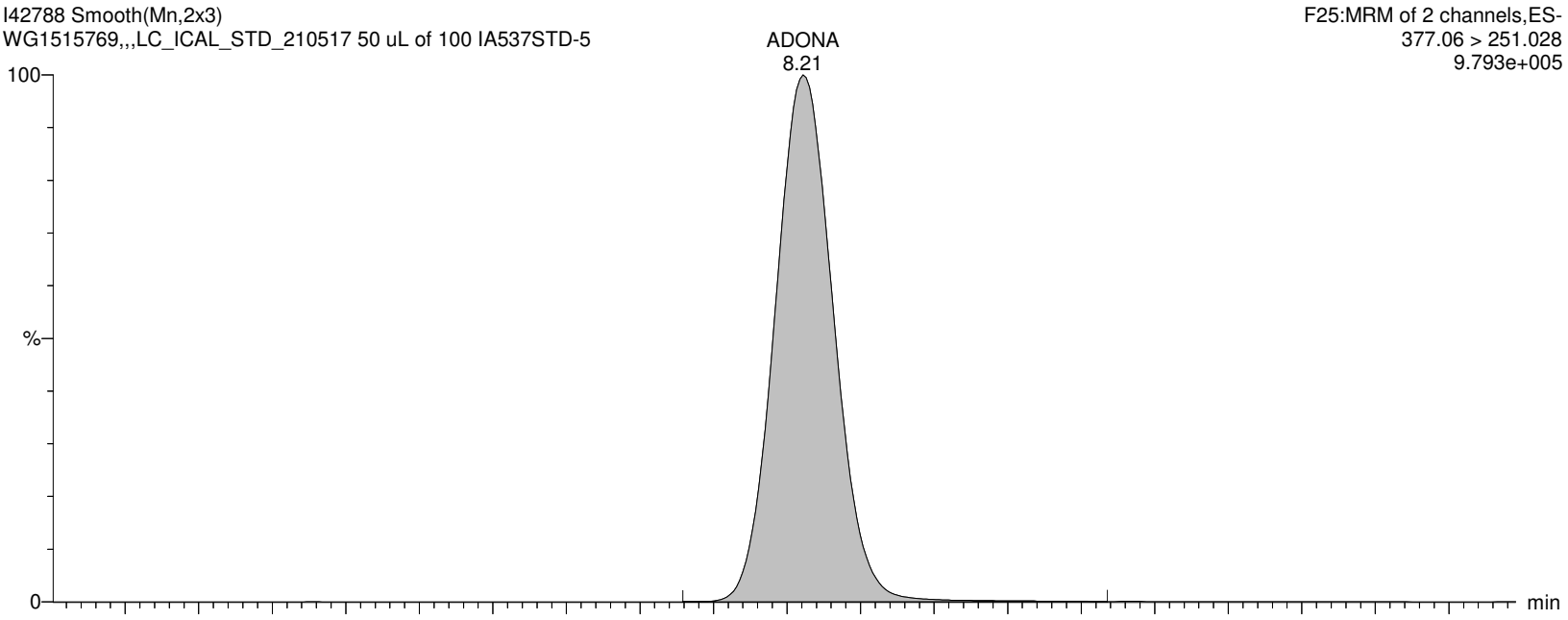


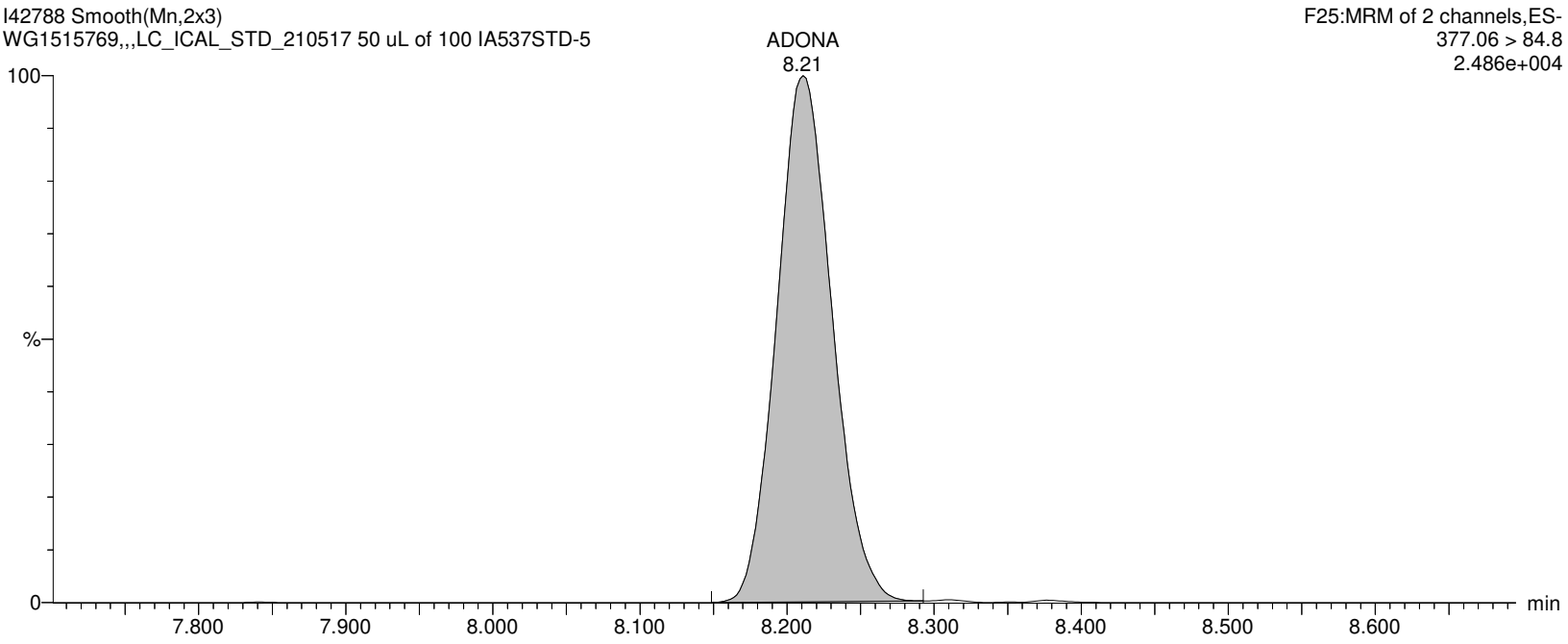
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

ADONA



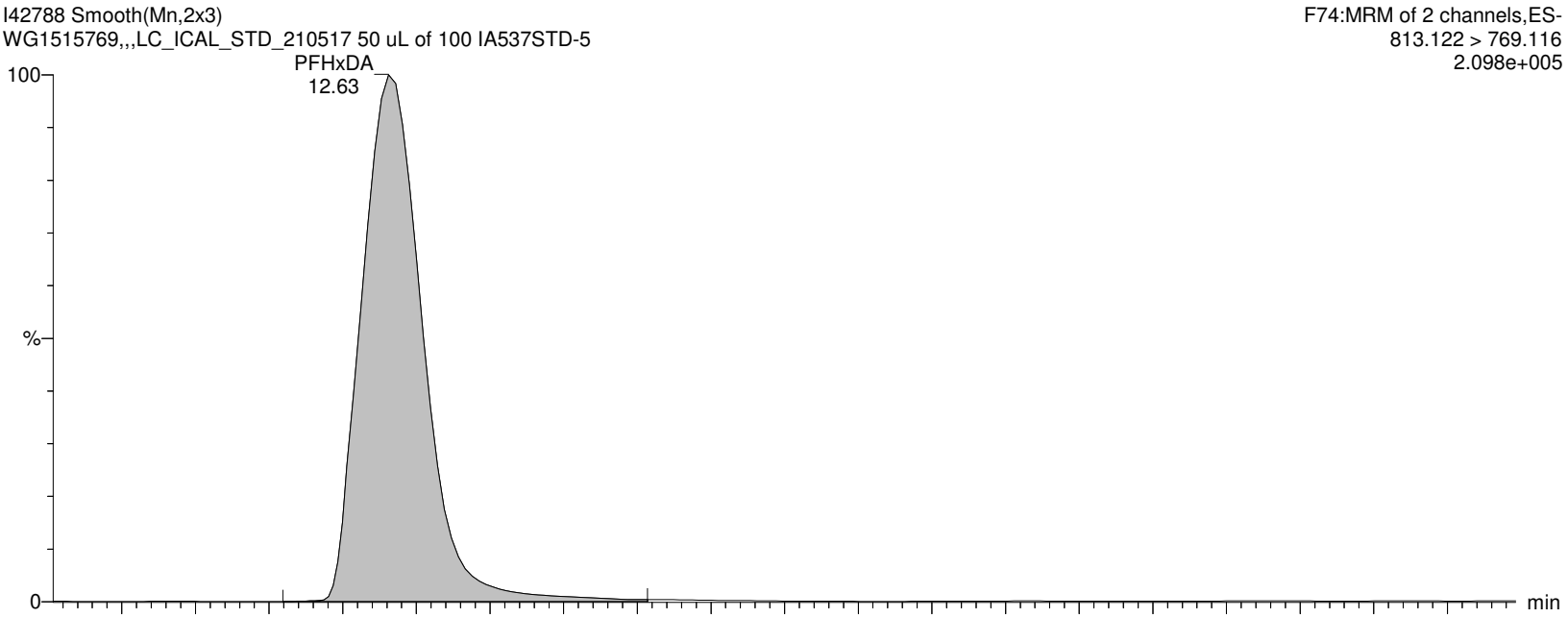


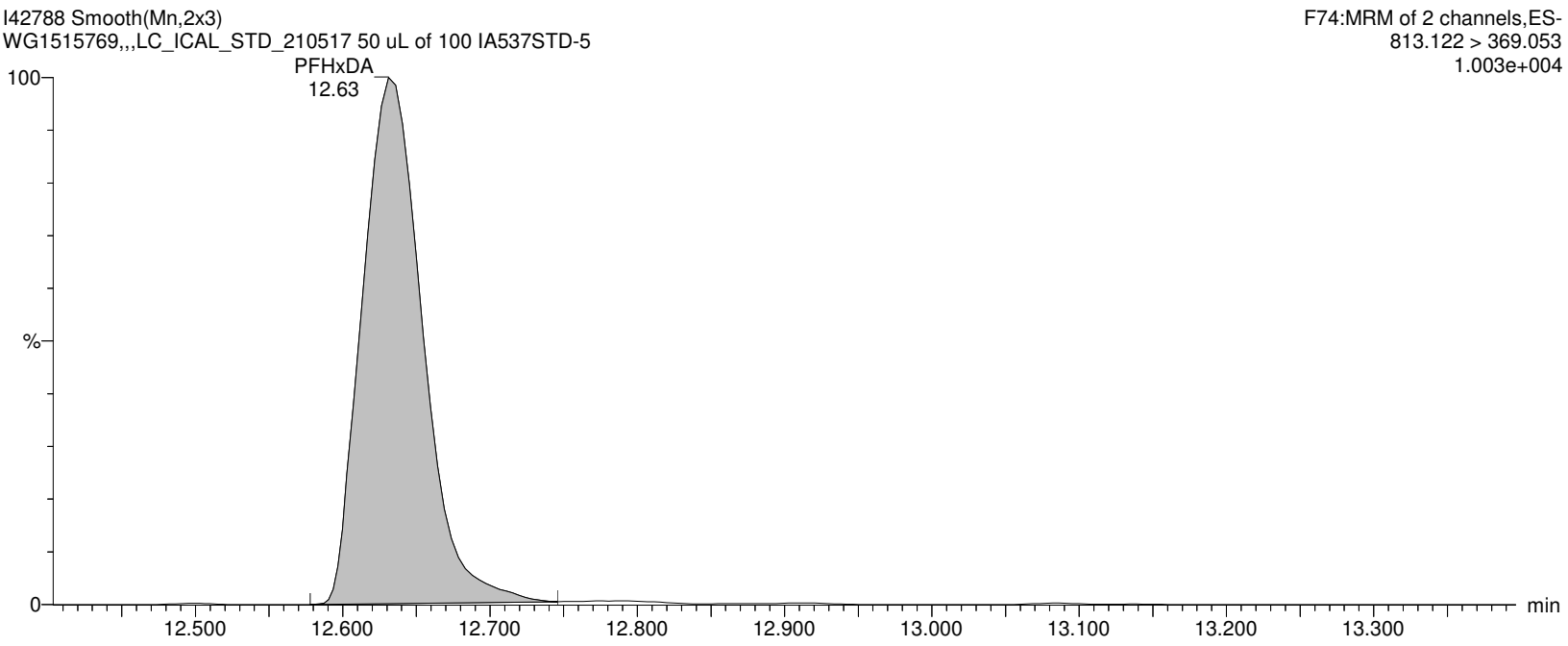
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxDA



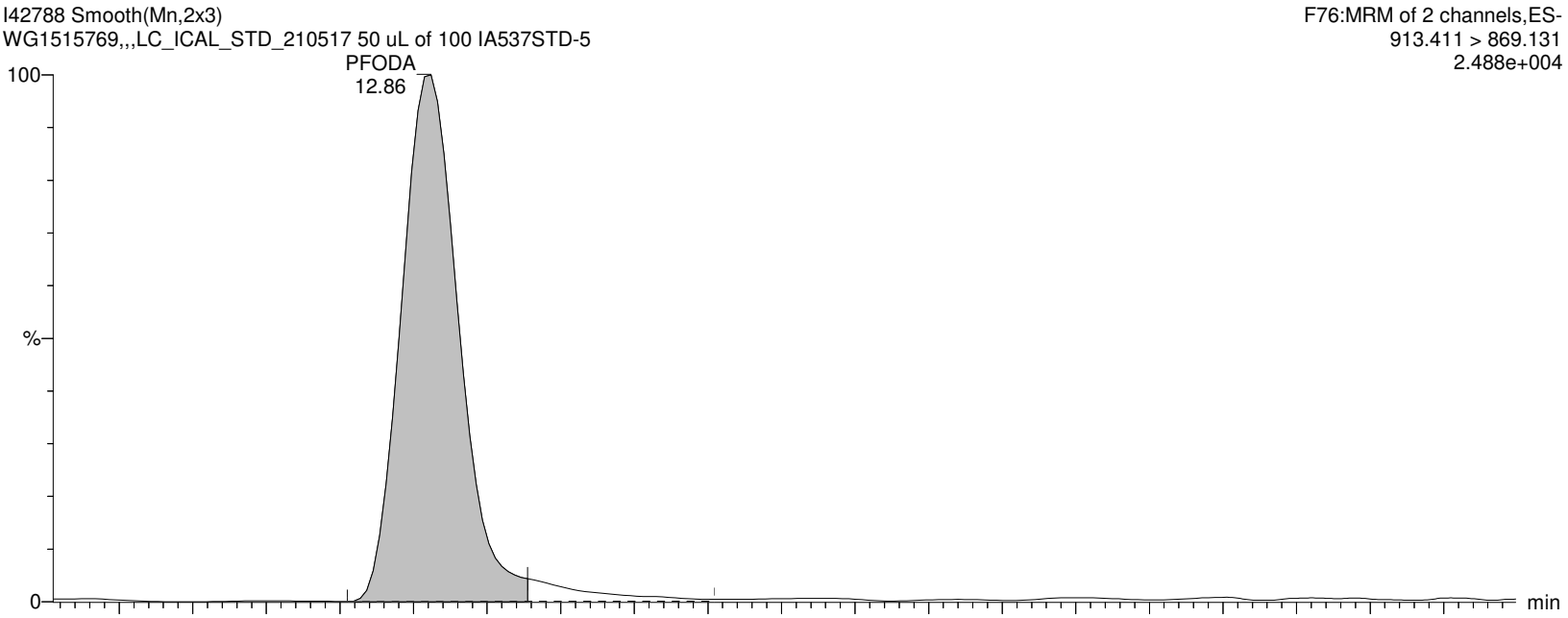


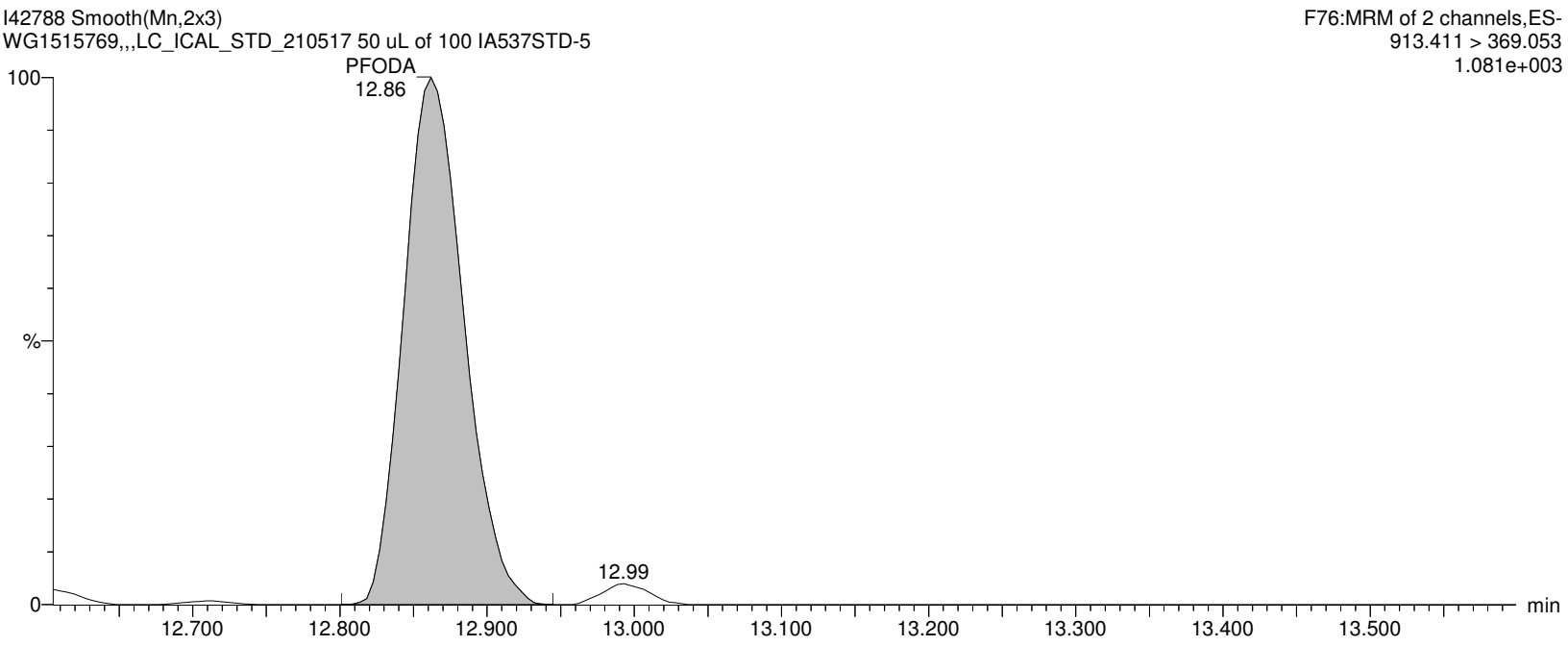
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFODA



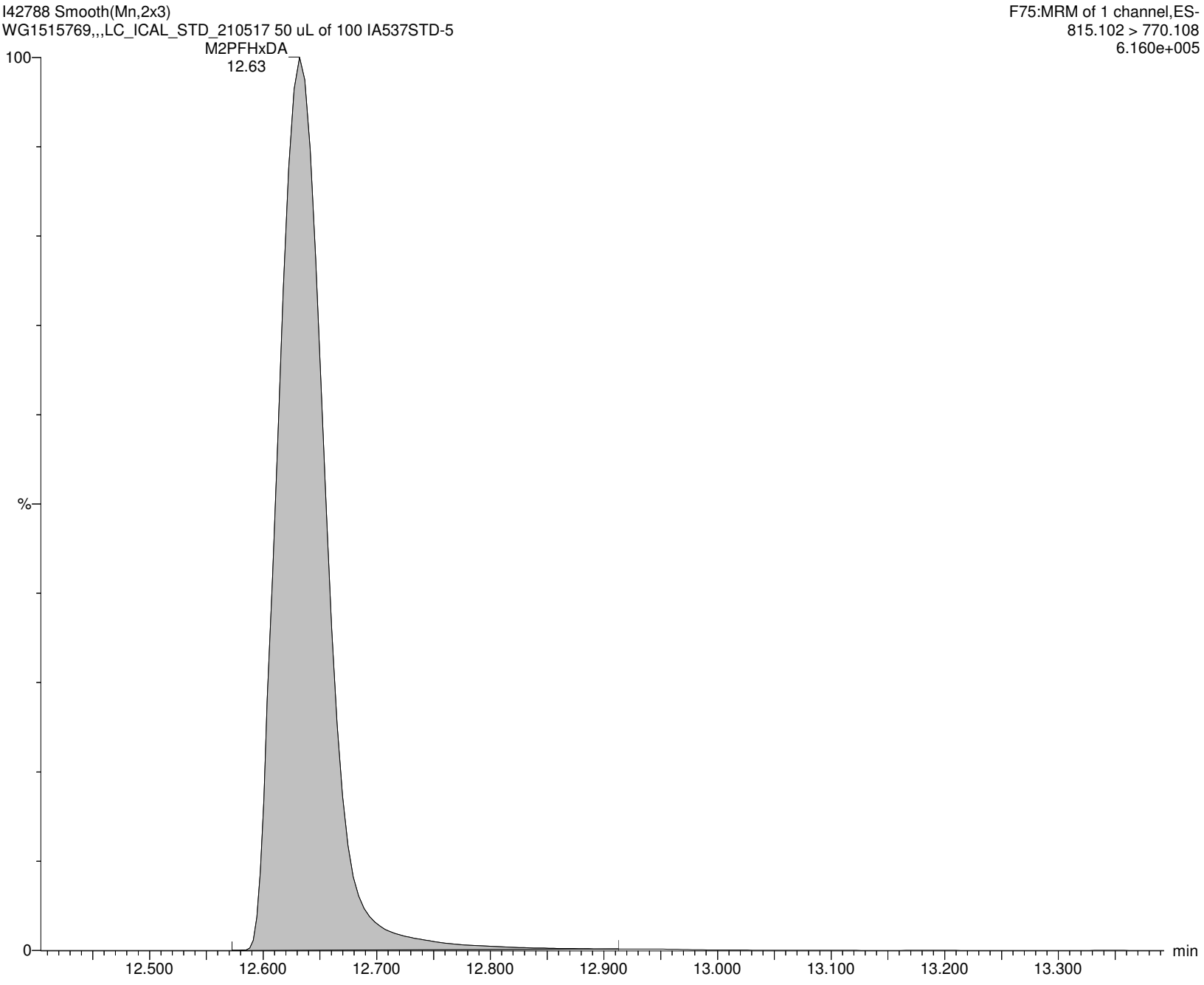


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFHxDA

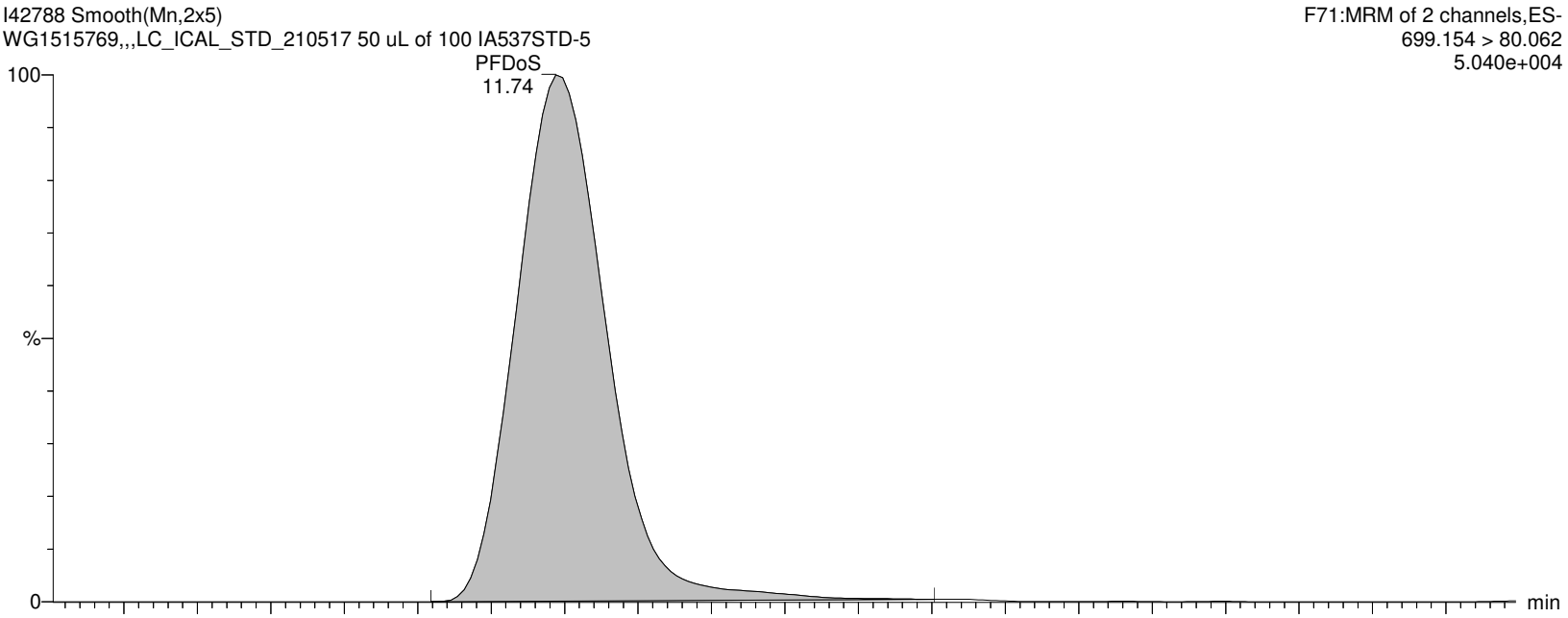


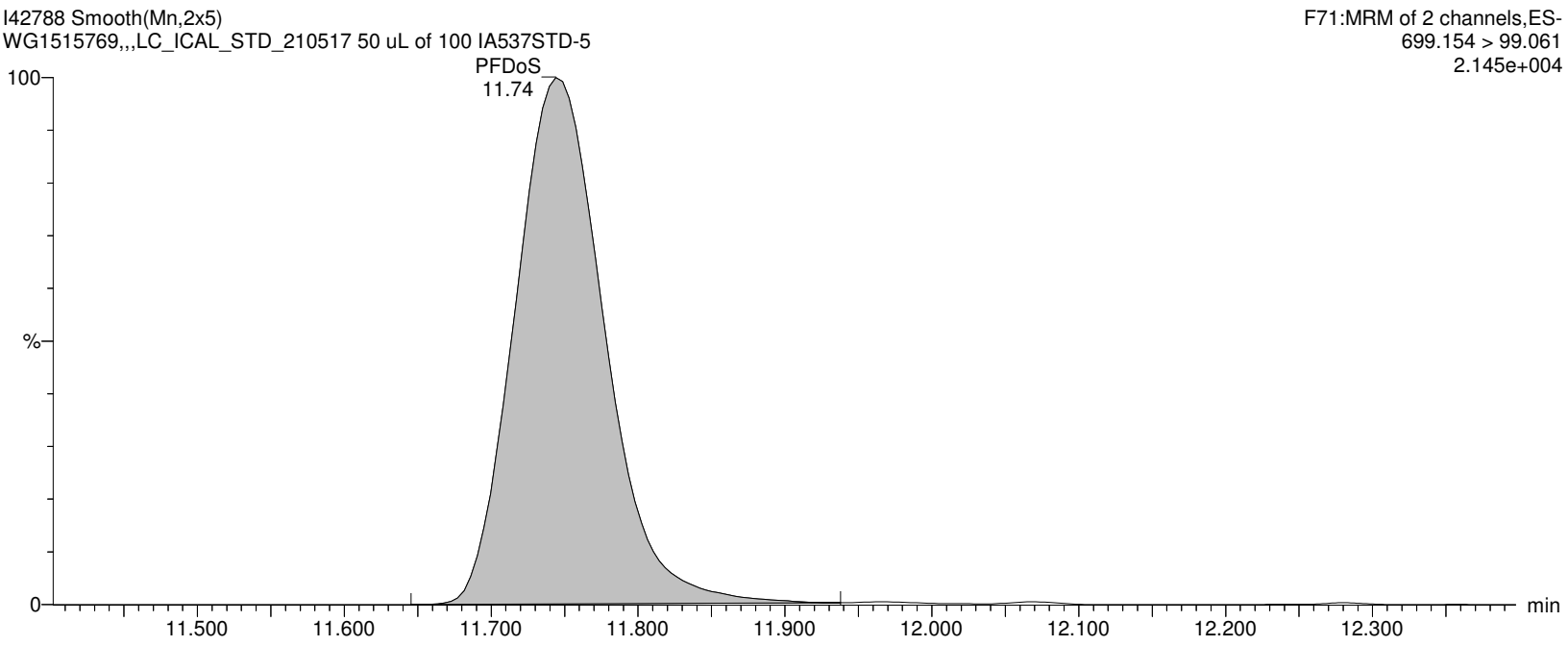
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoS



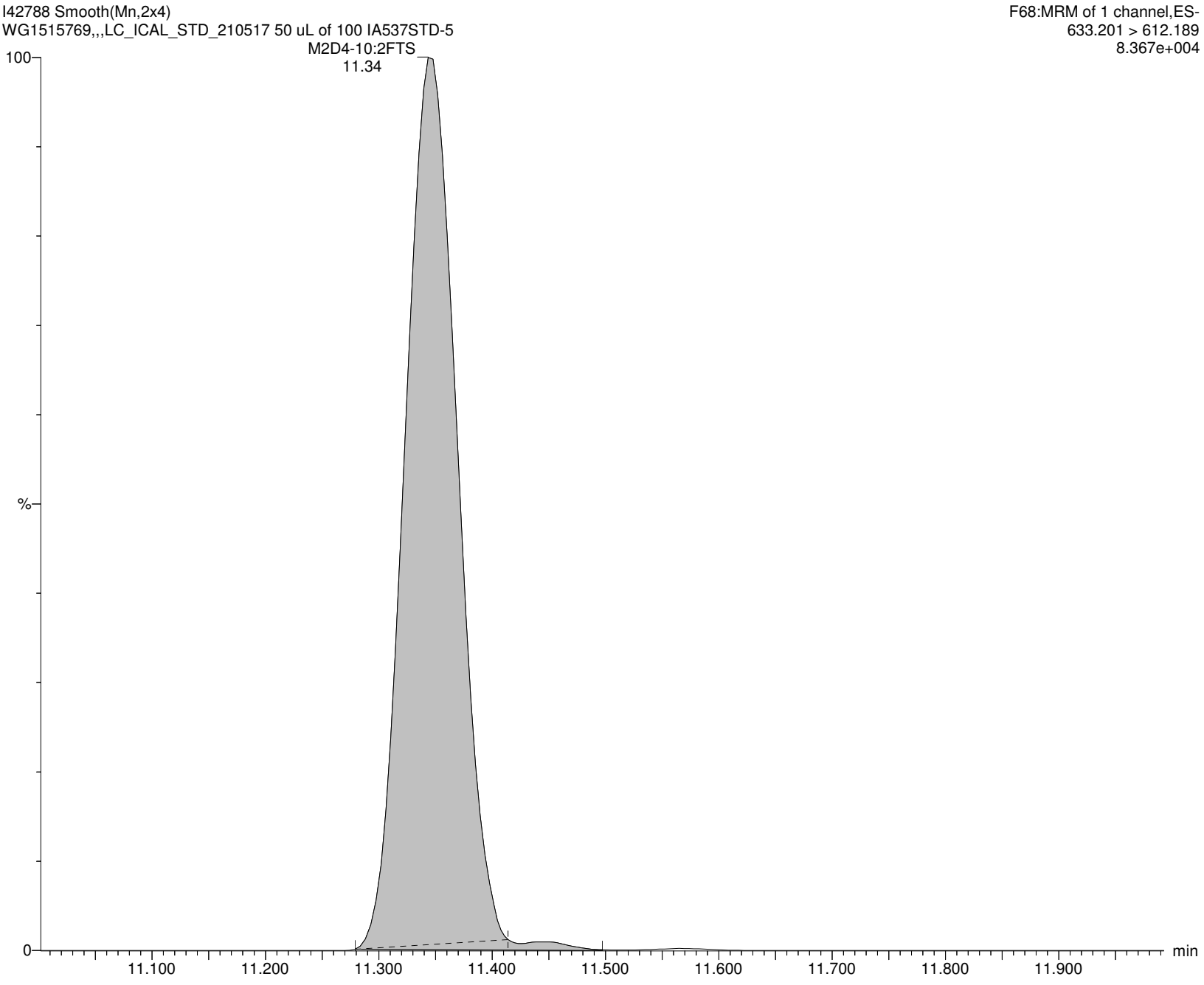


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2D4-10:2FTS

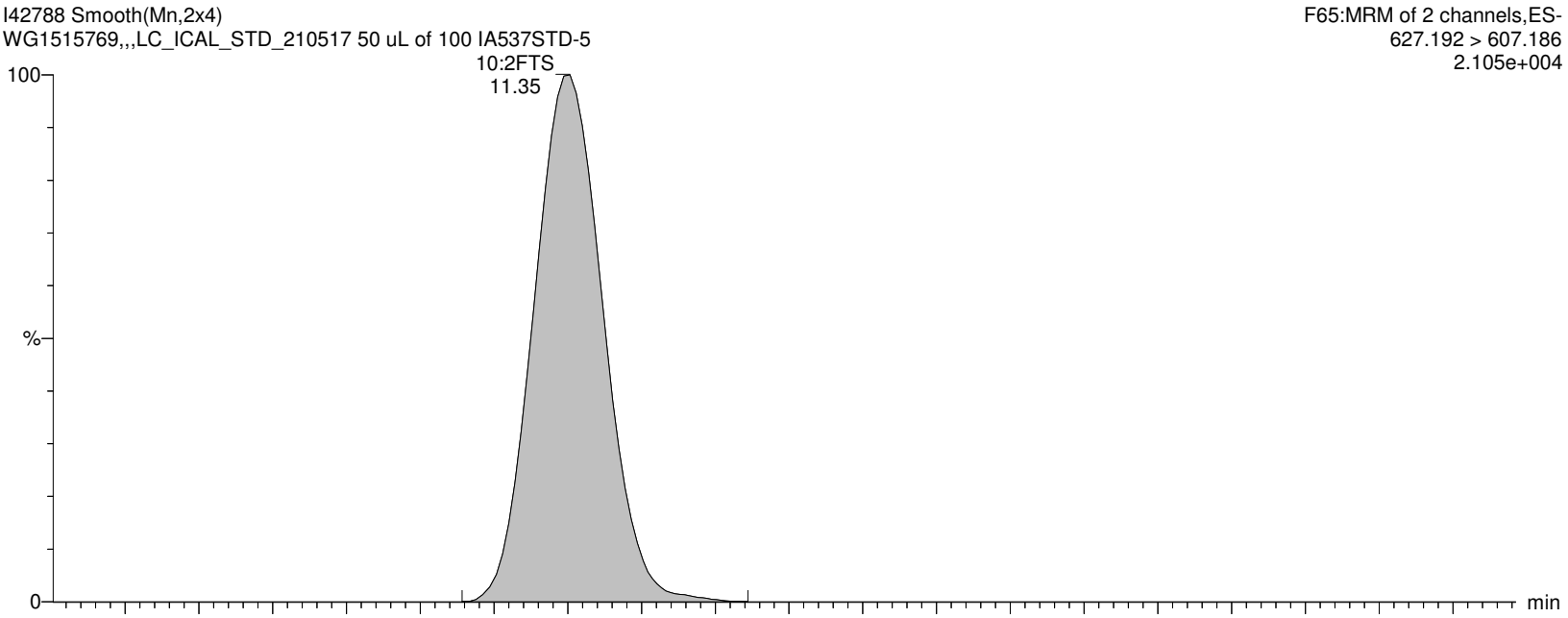


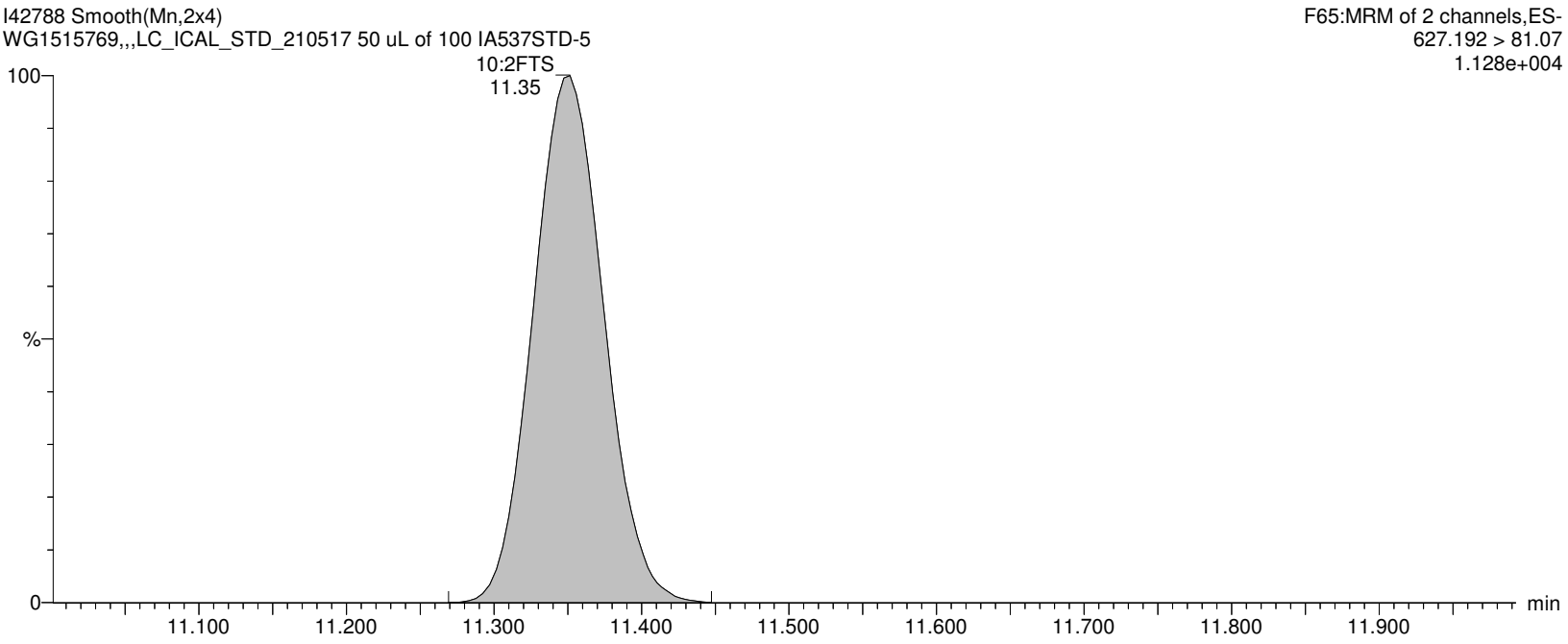
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

10:2FTS



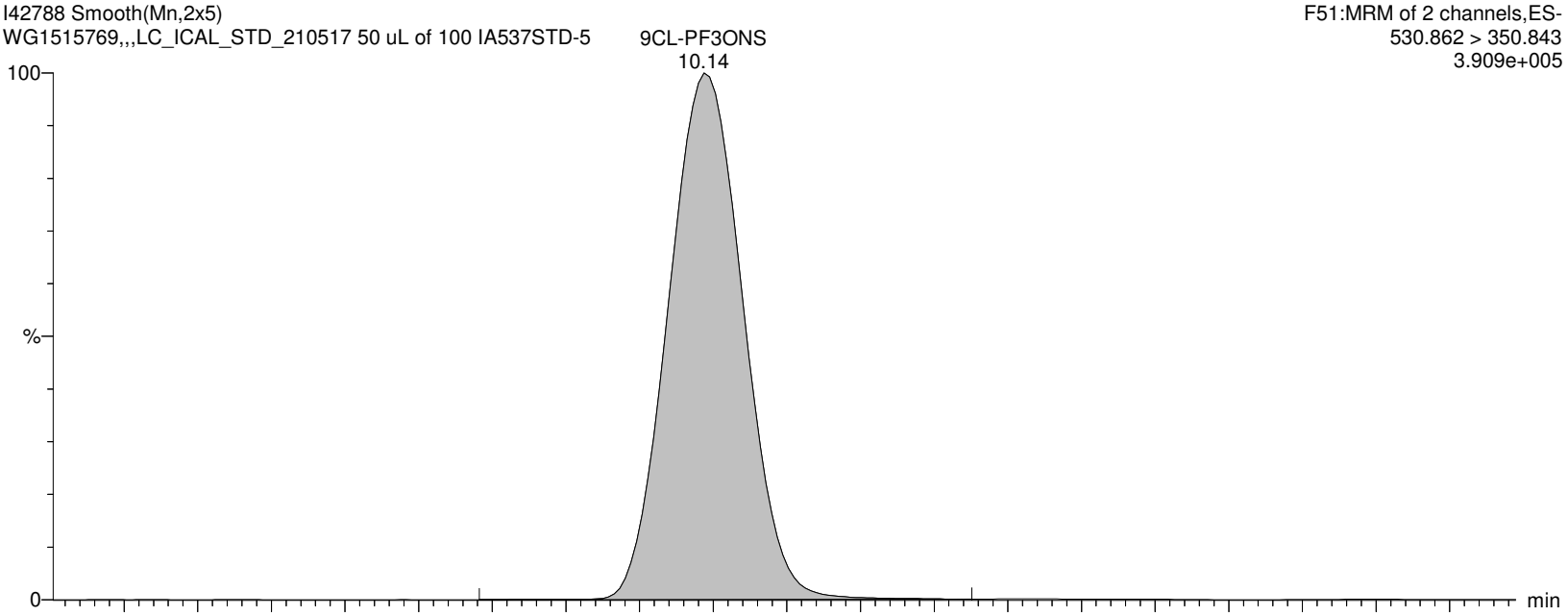


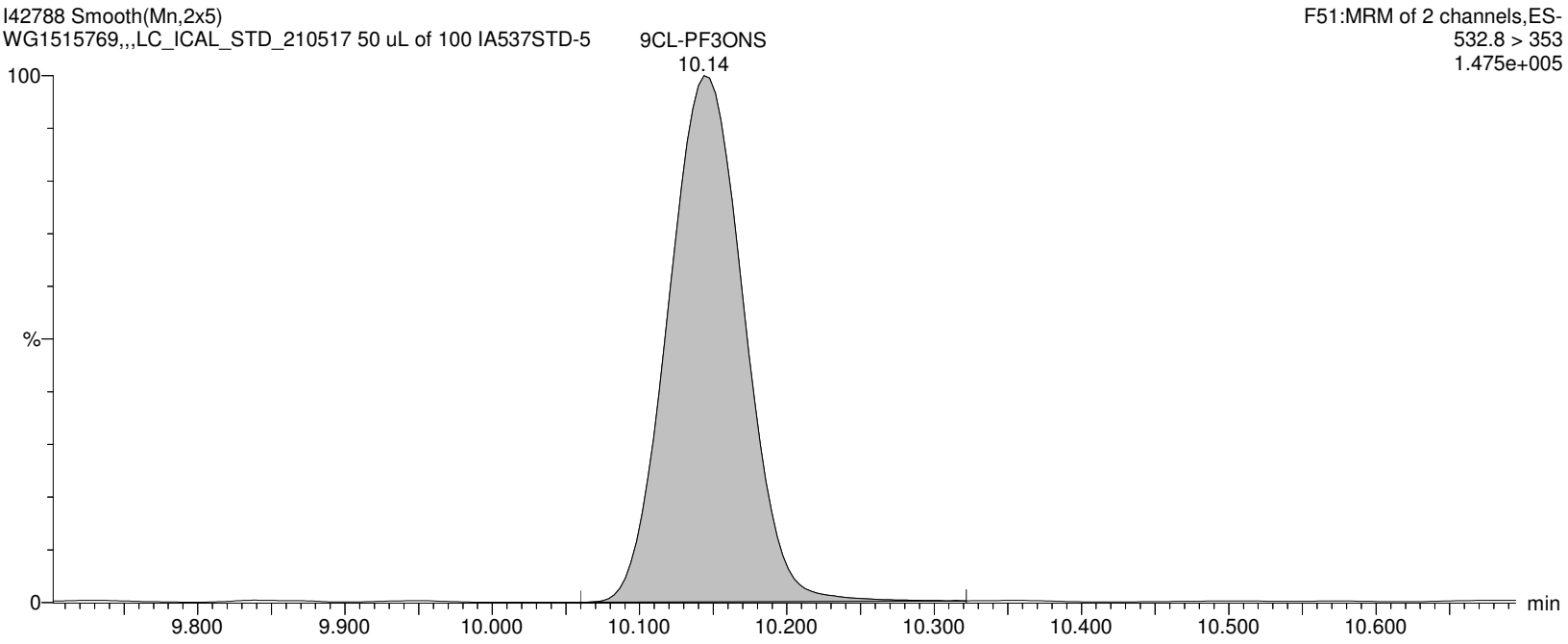
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

9CL-PF3ONS



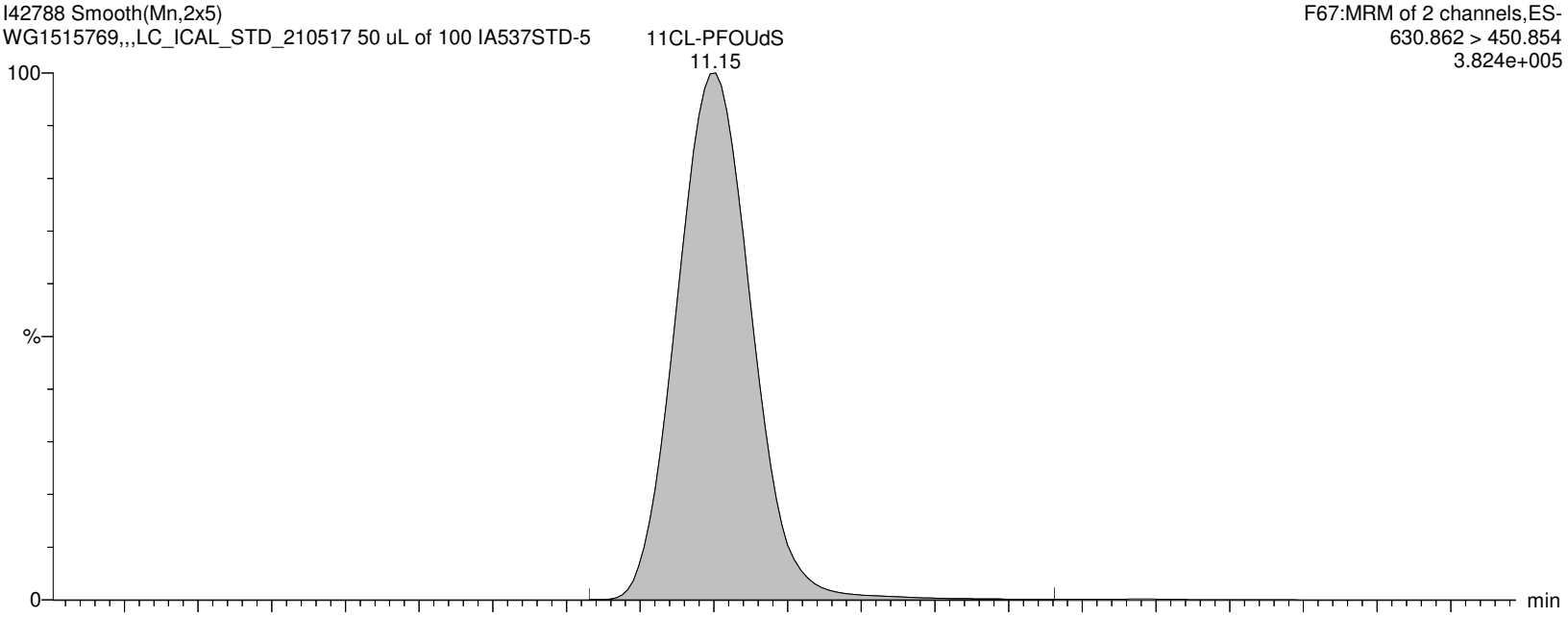


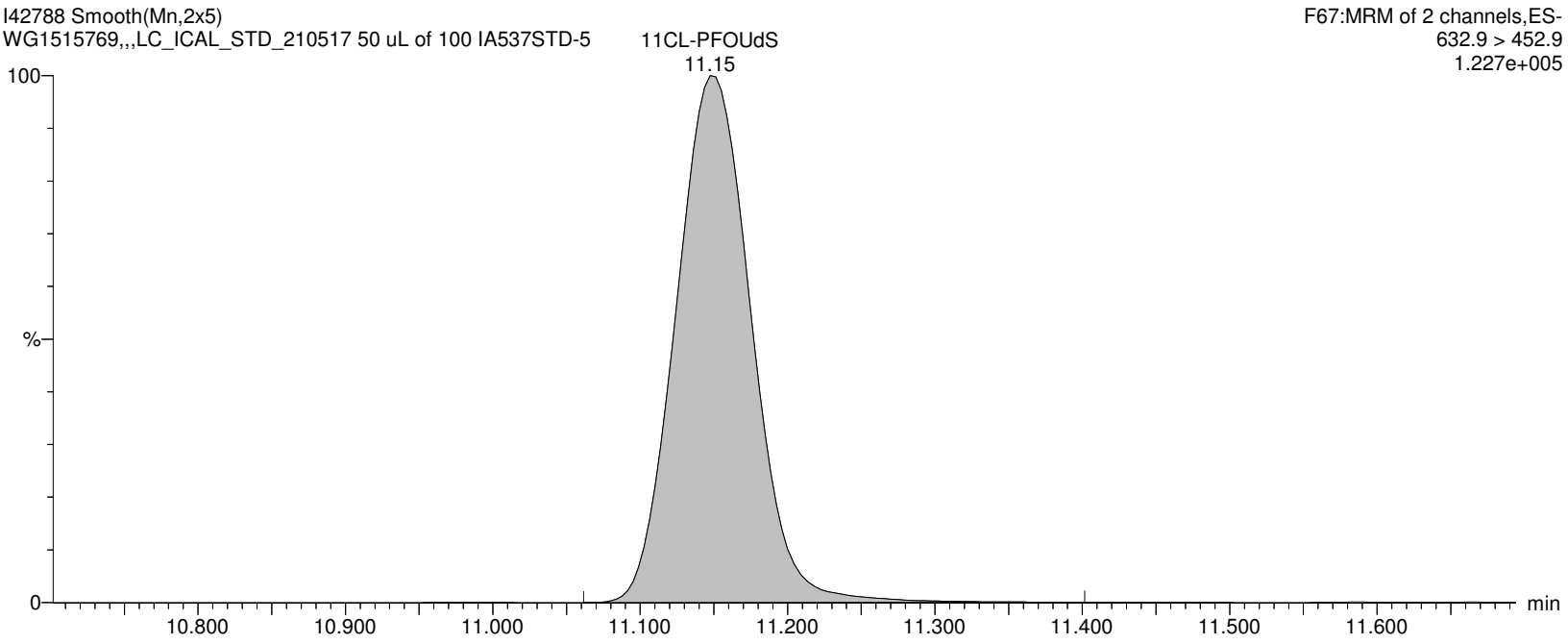
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

11CL-PFOUdS



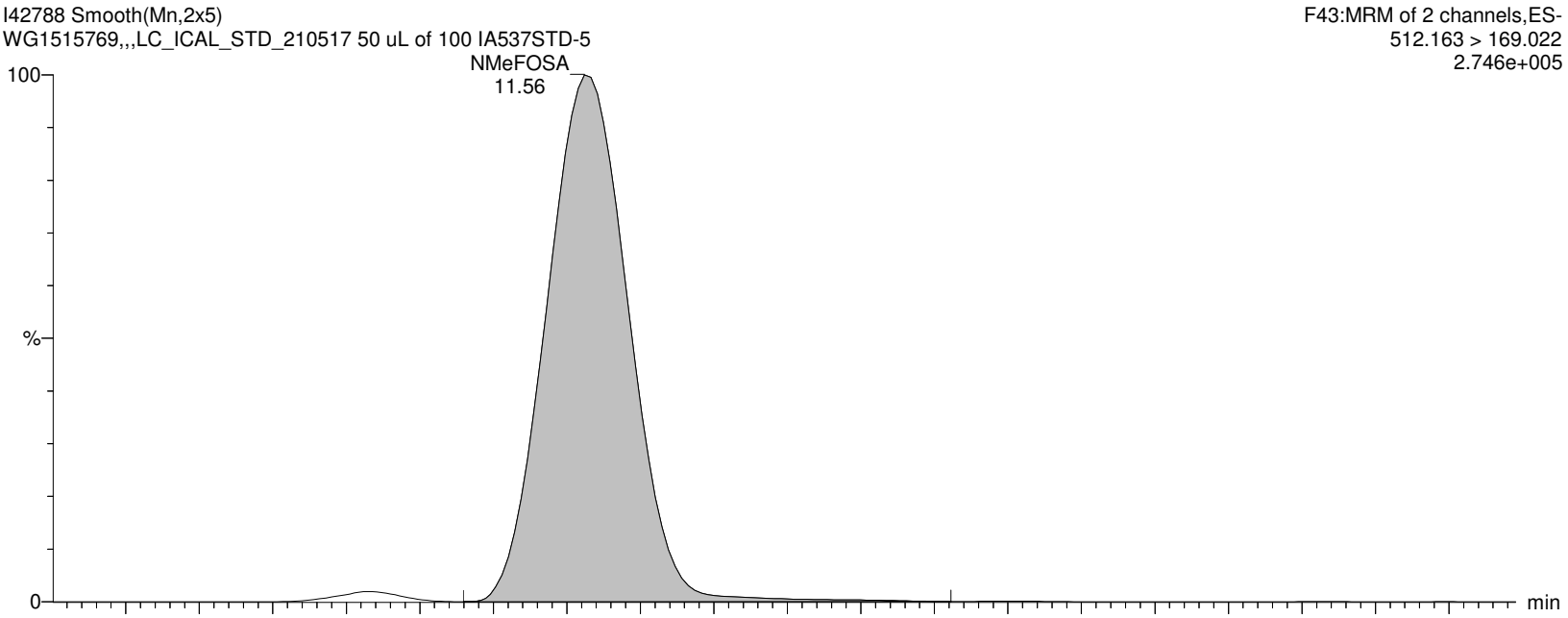


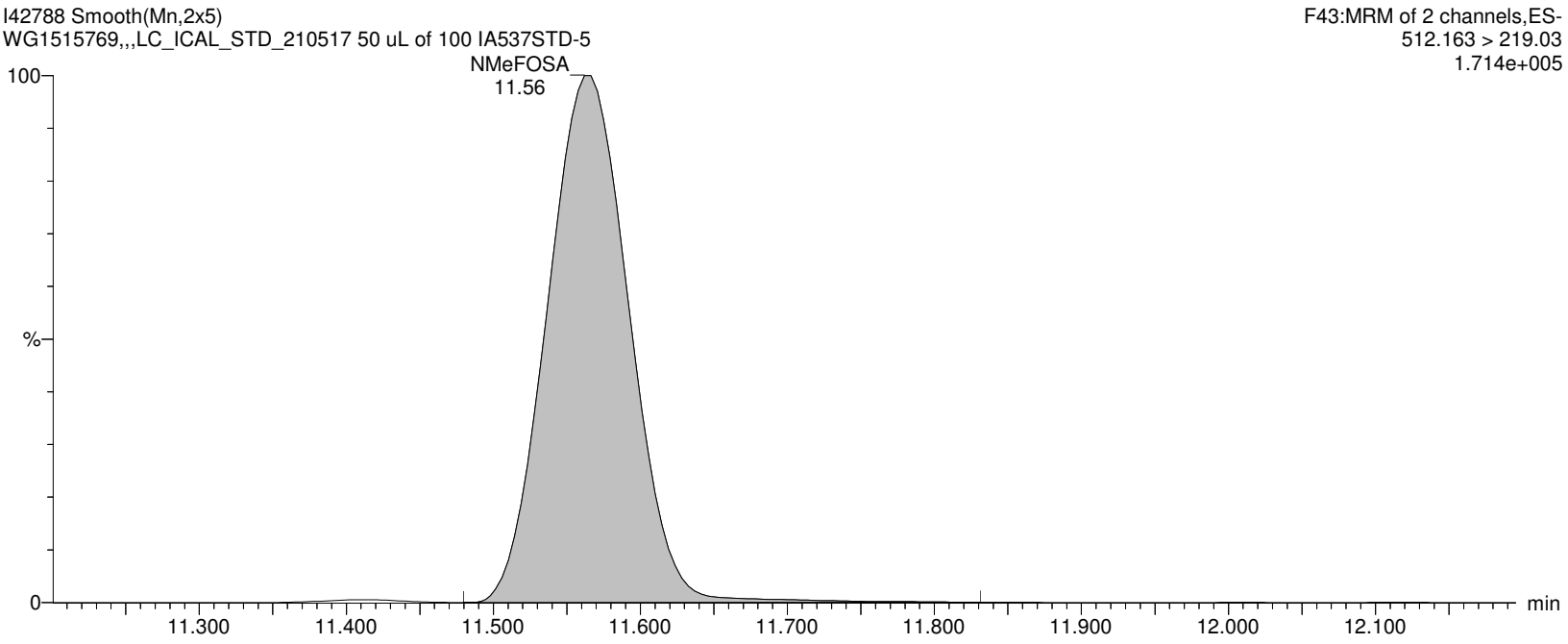
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSA



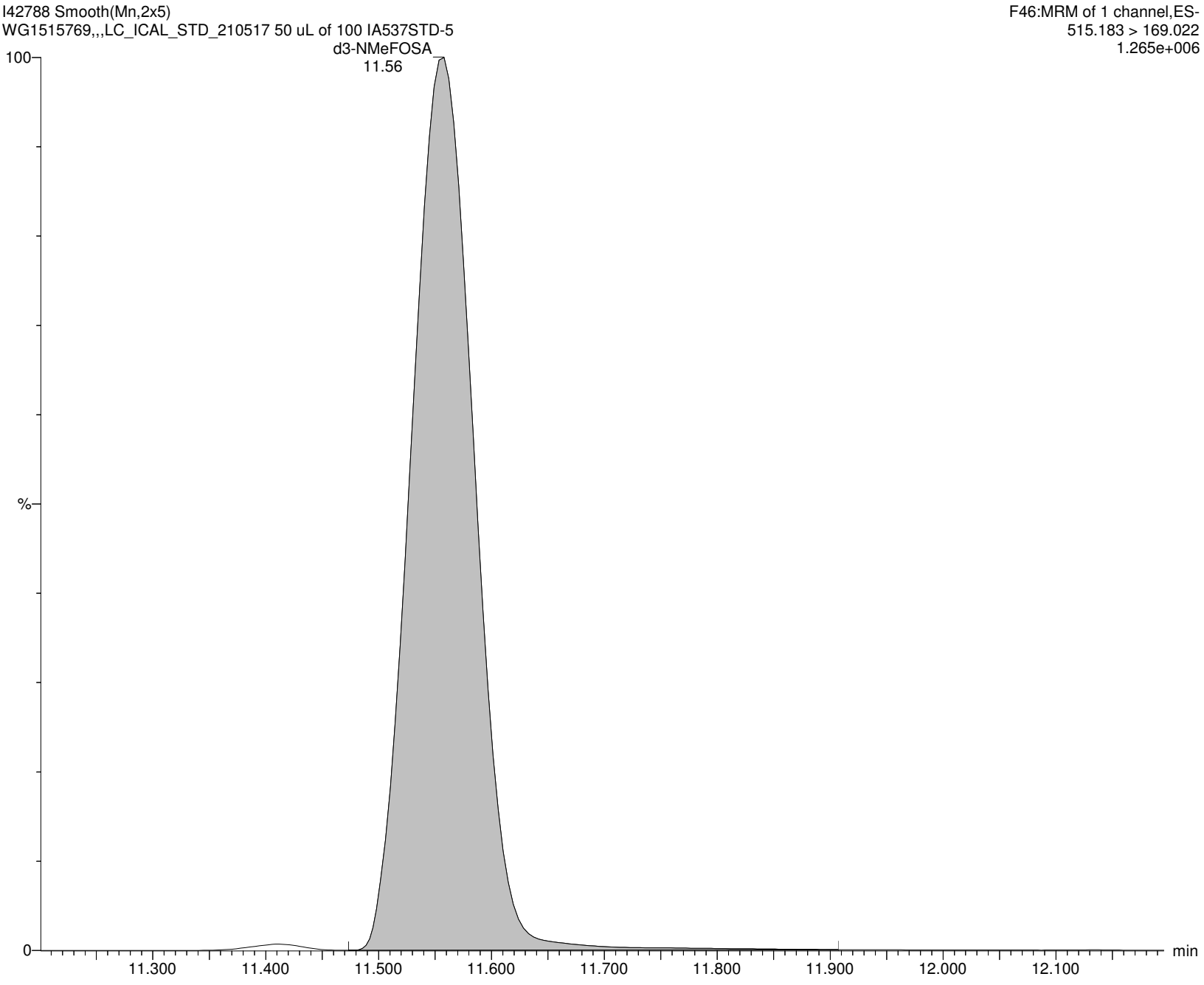


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSA

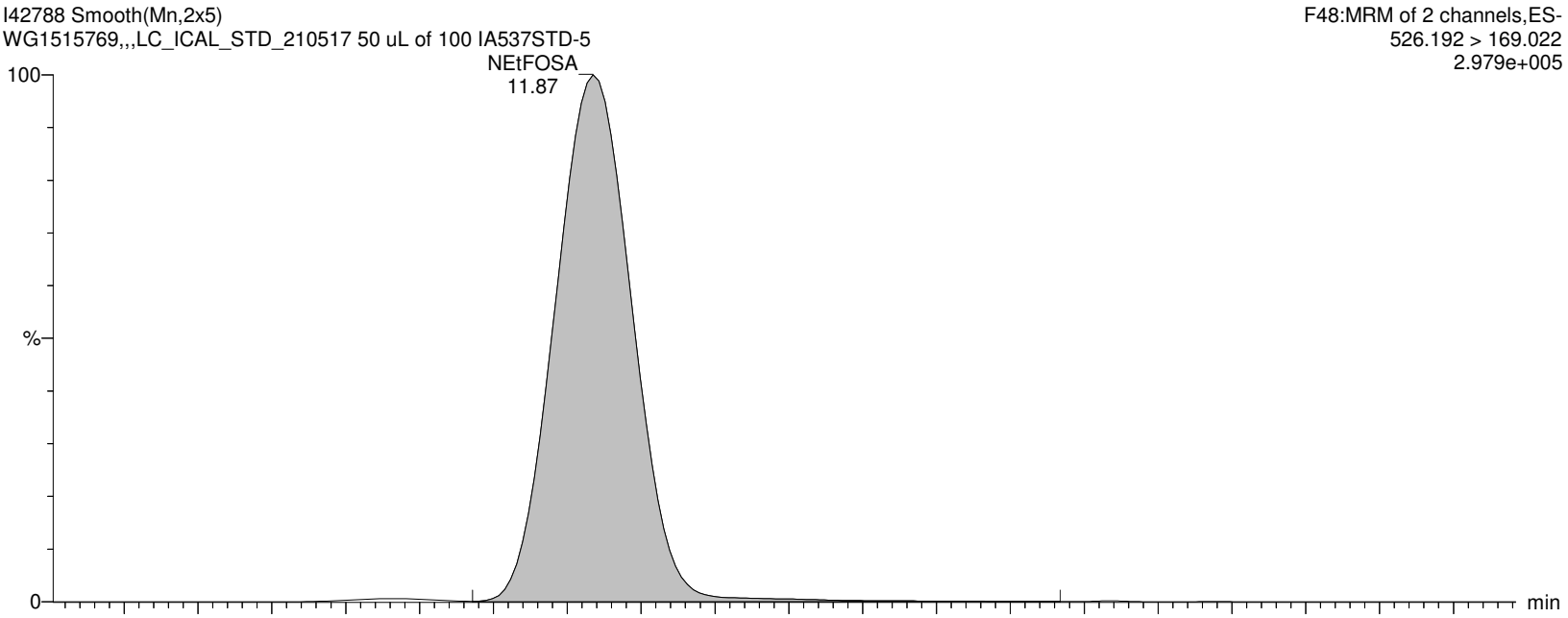


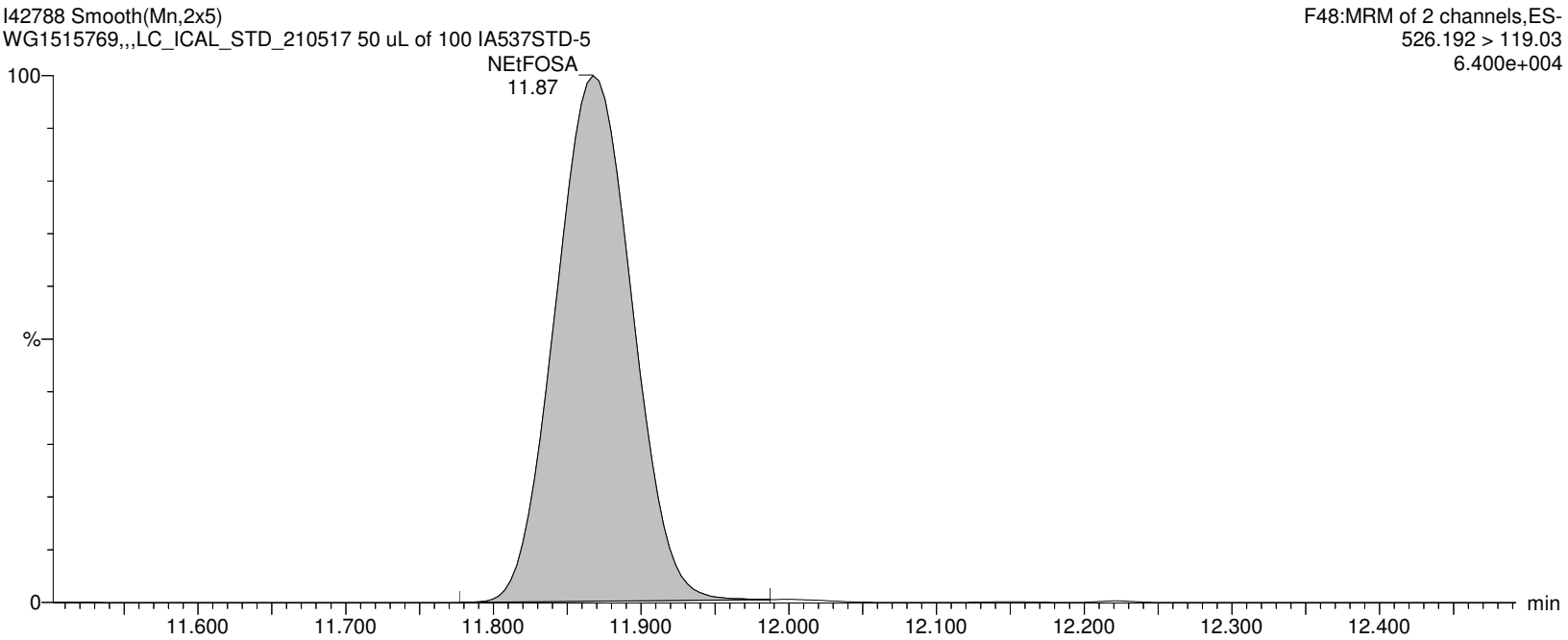
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSA



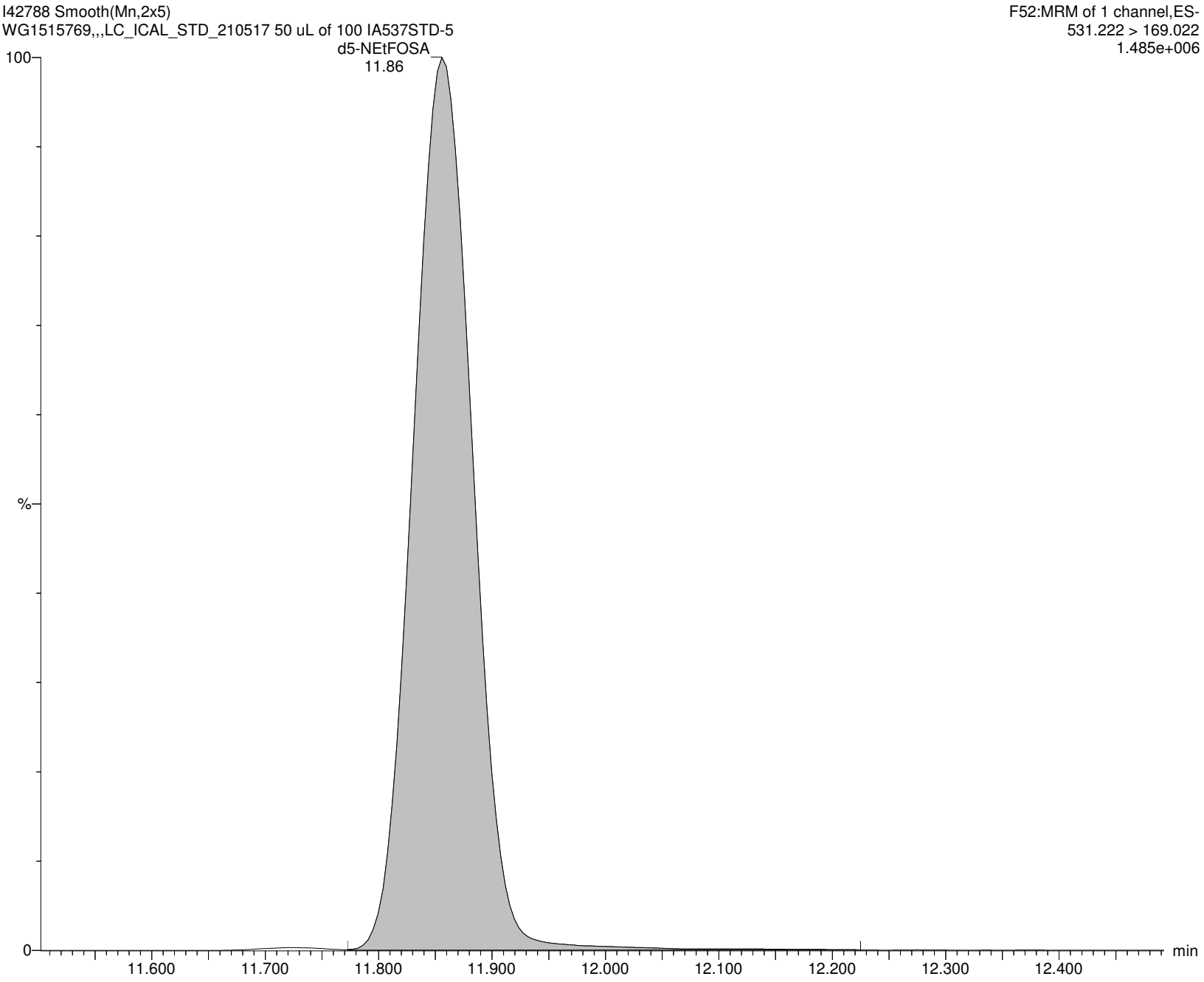


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSA

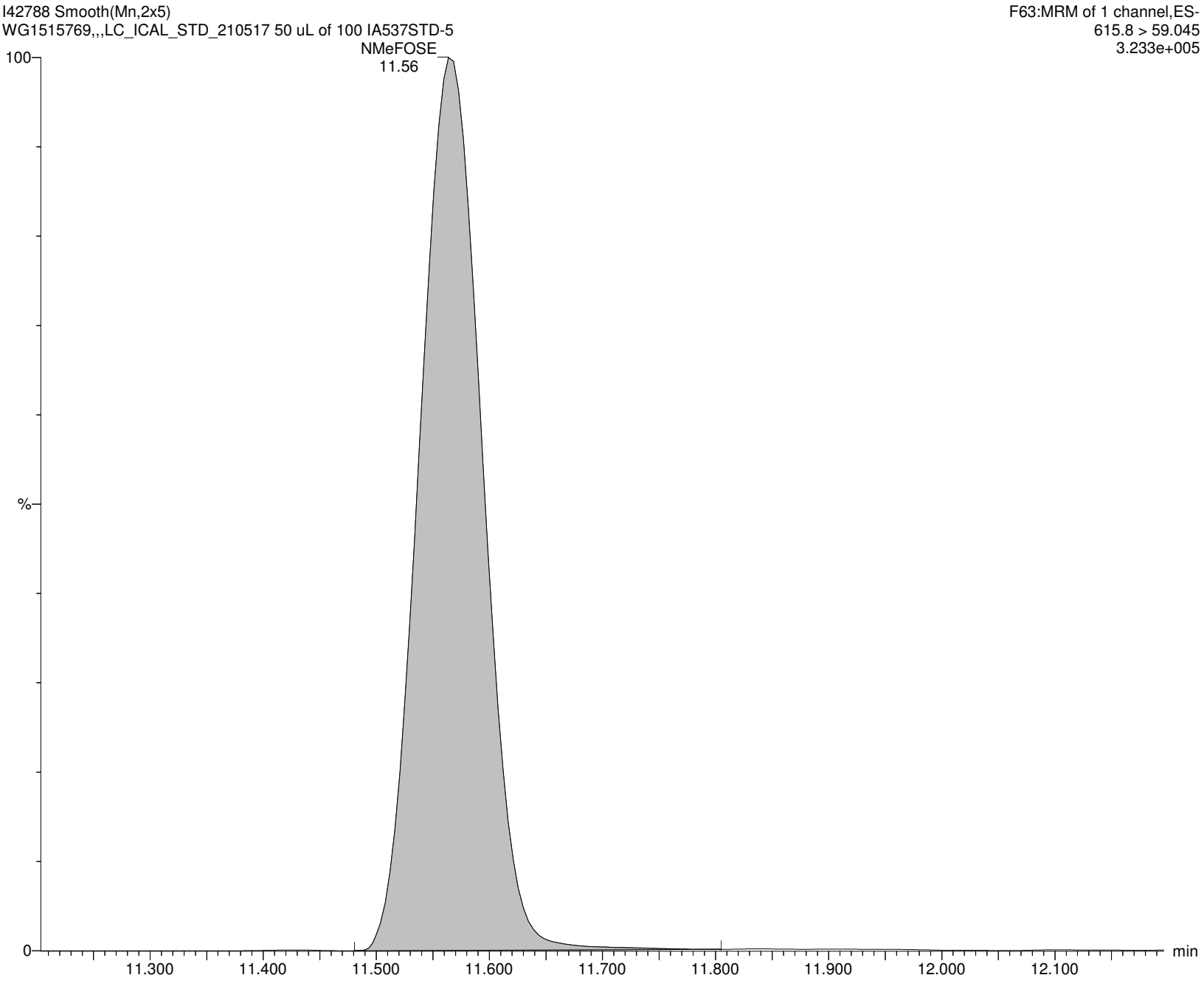


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSE

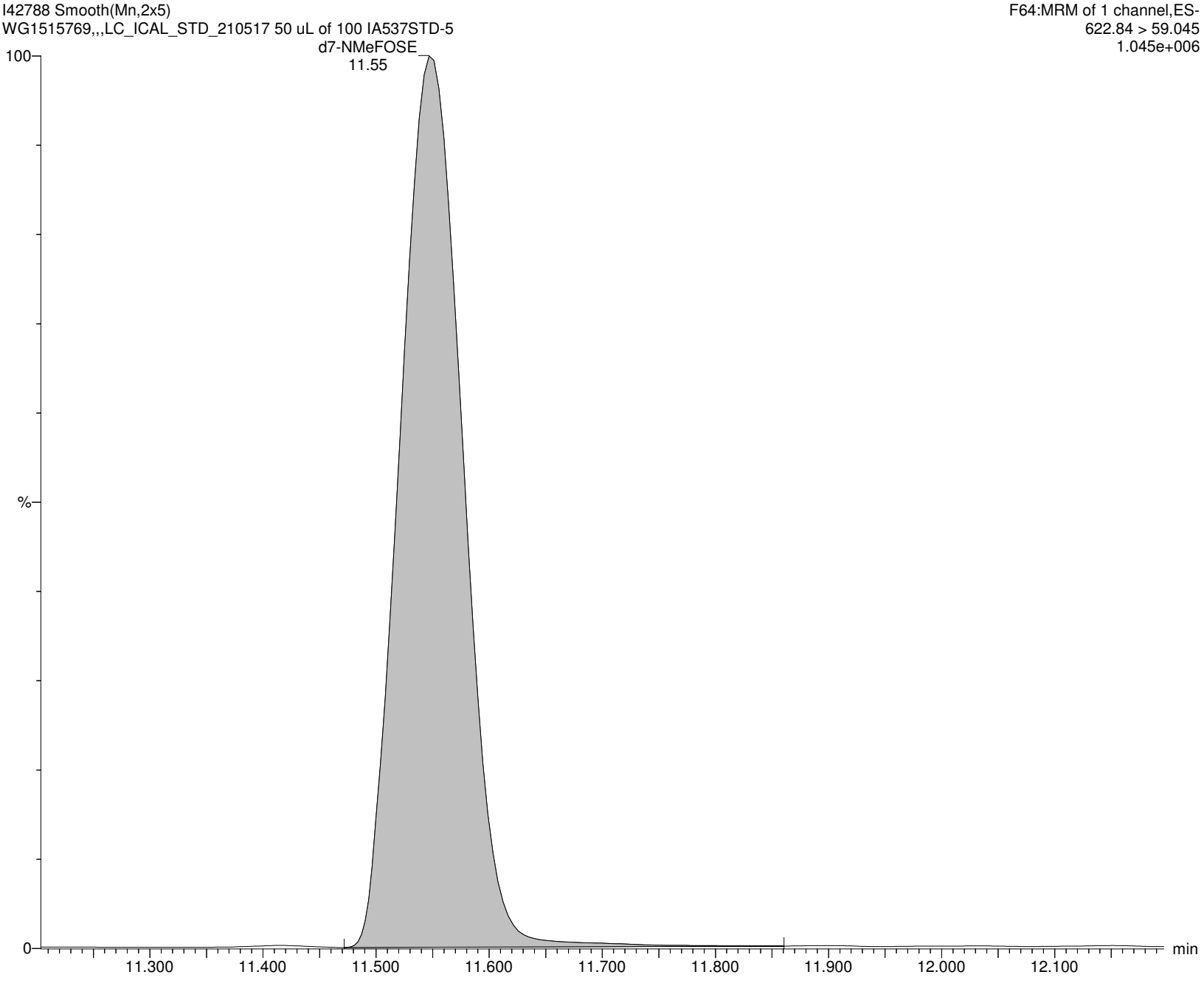


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d7-NMeFOSE

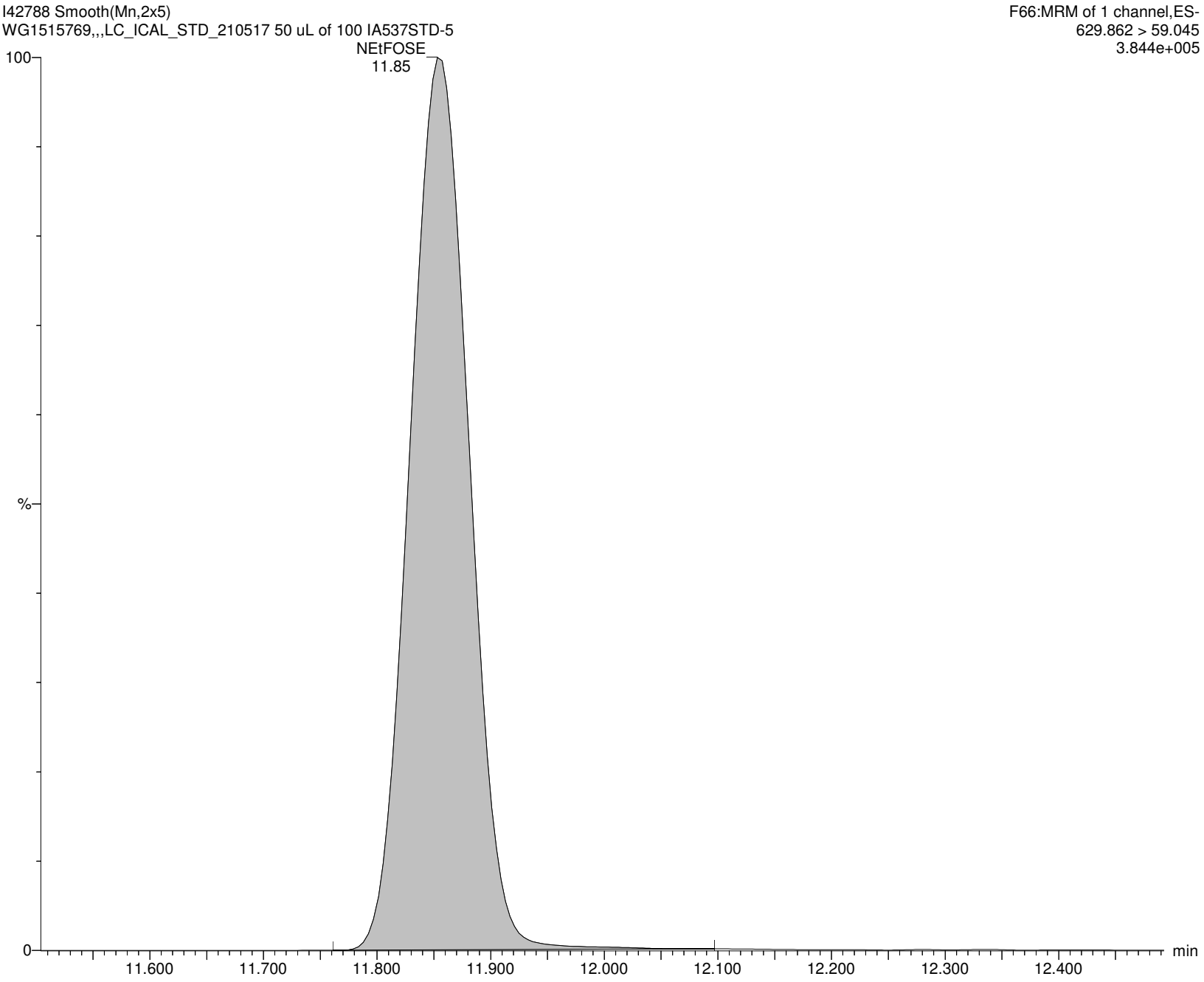


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSE

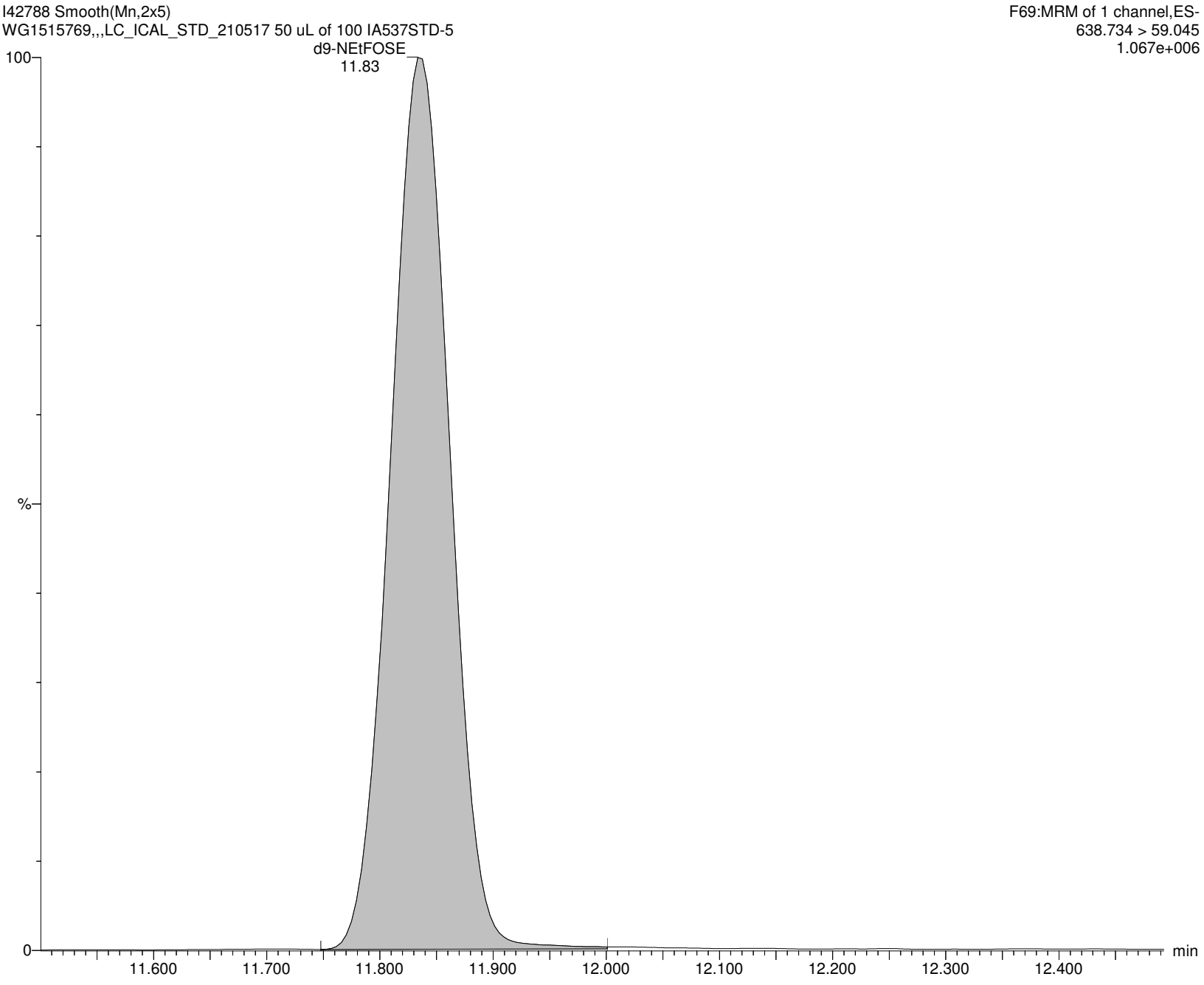


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d9-NEtFOSE

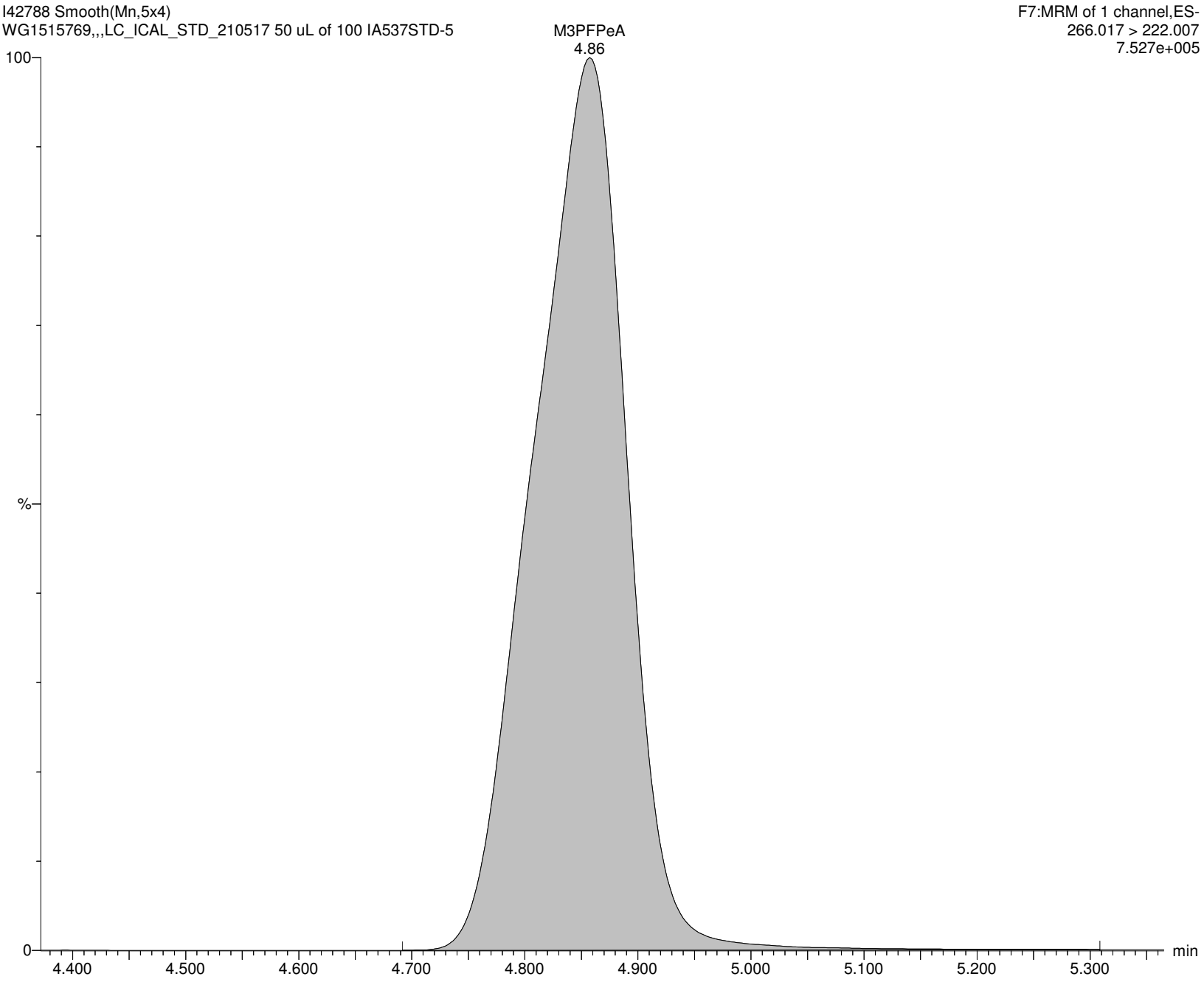


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFPeA

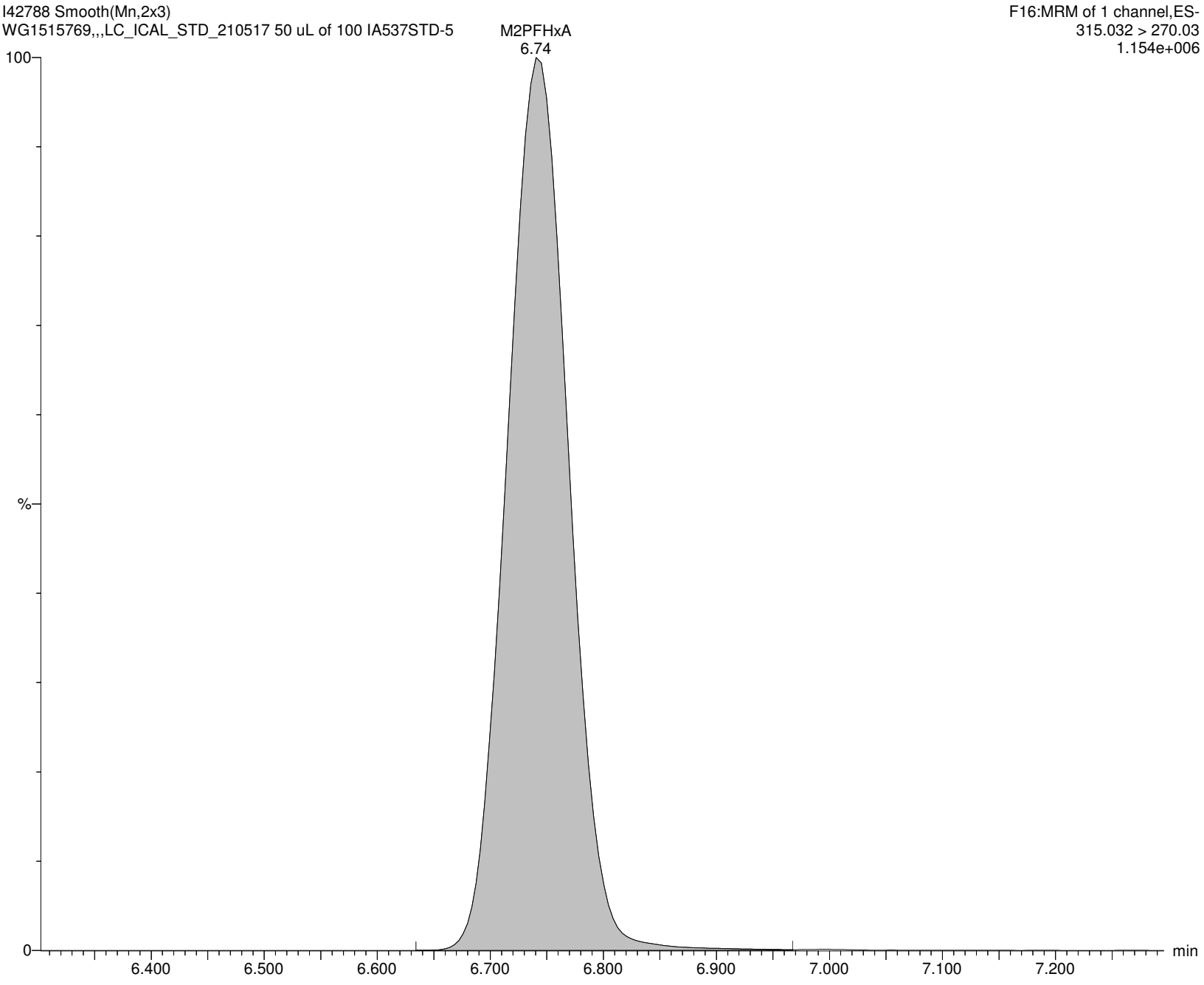


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFHxA

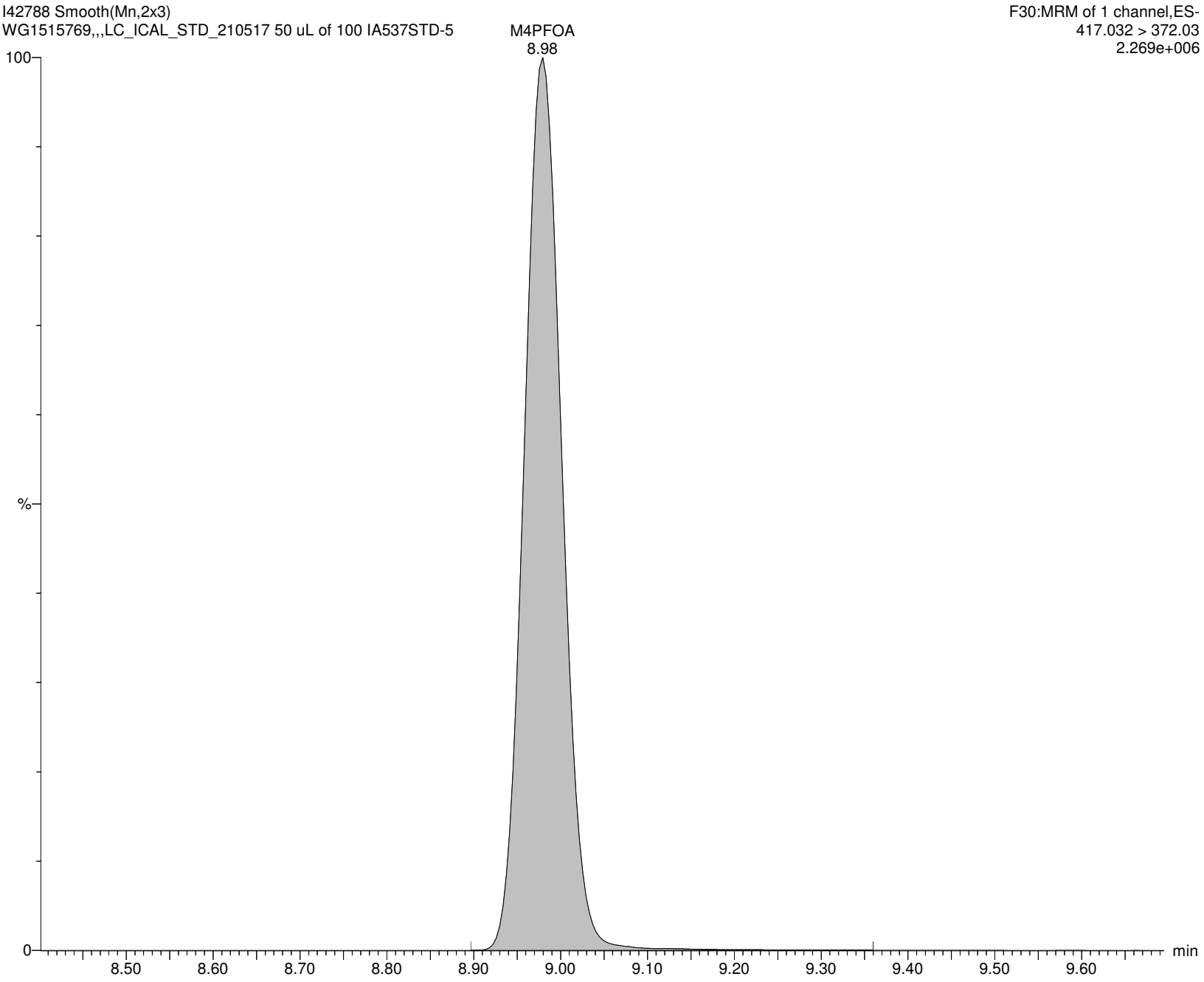


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOA

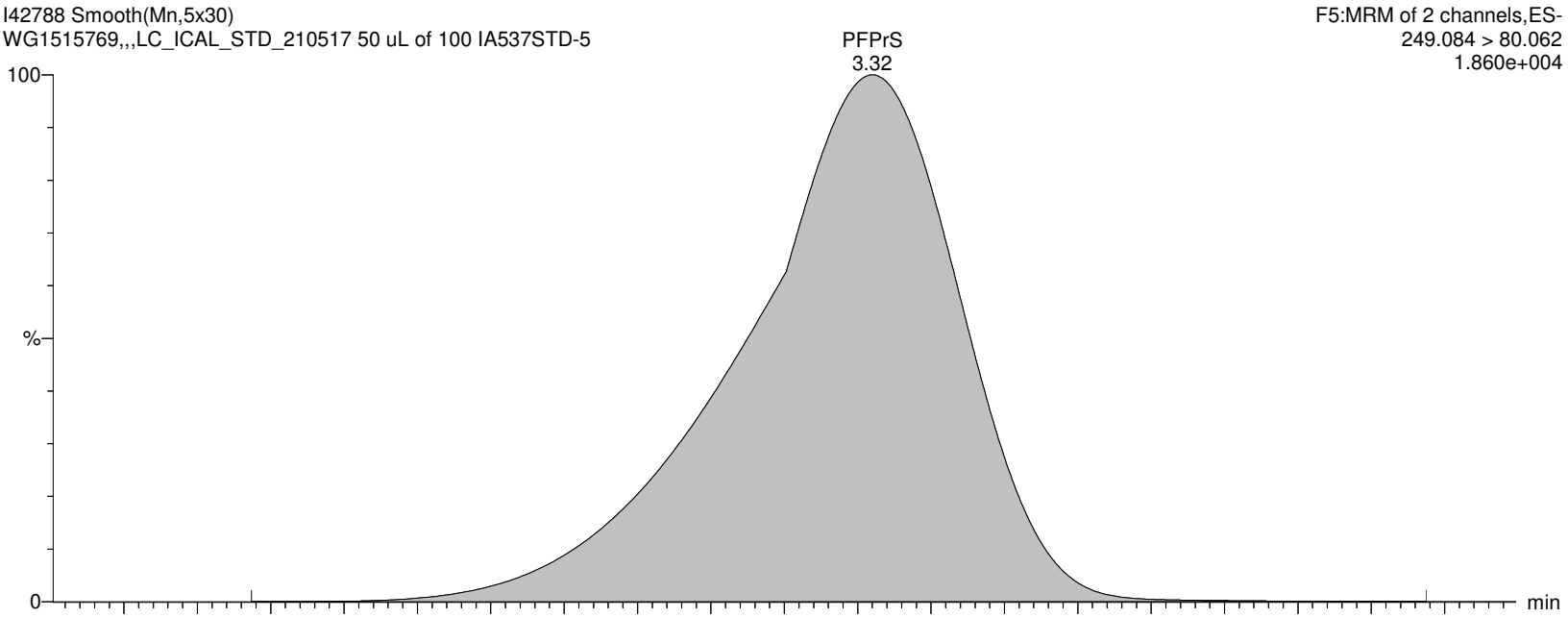


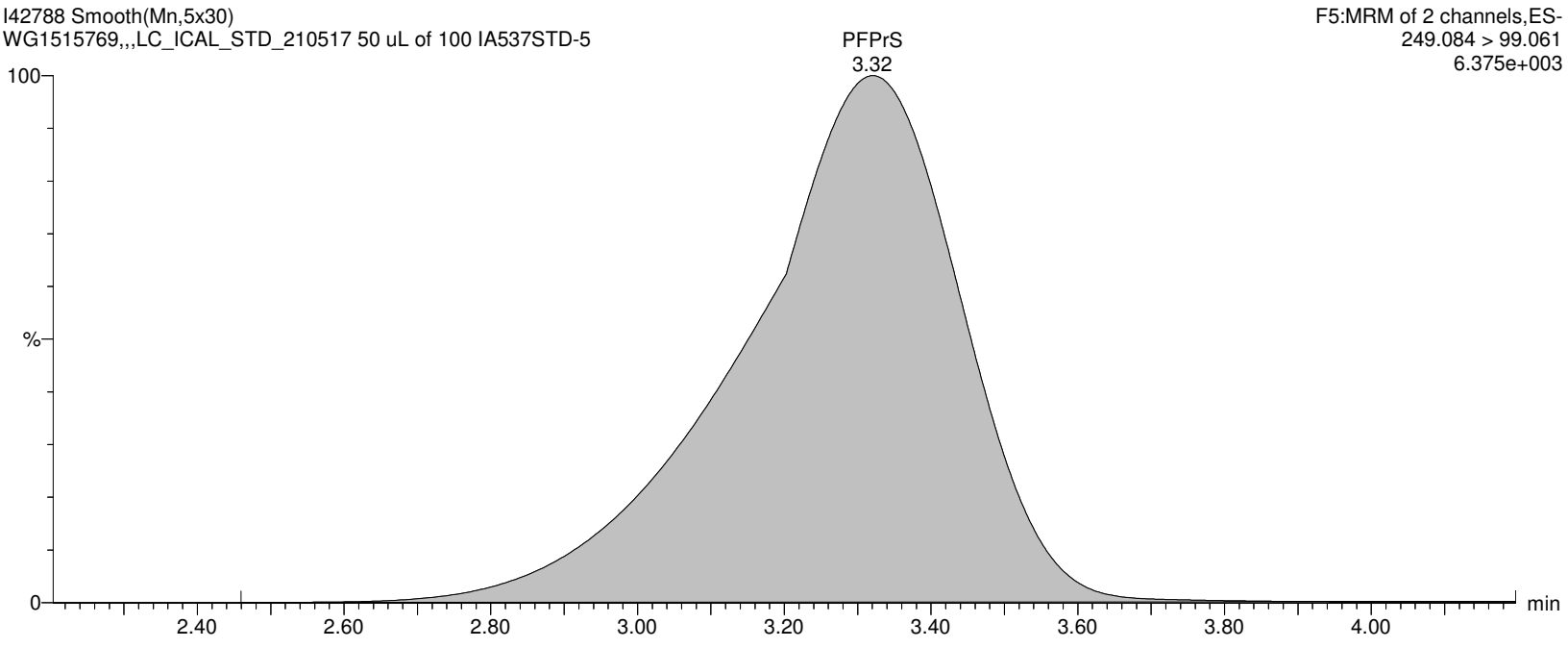
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPrS



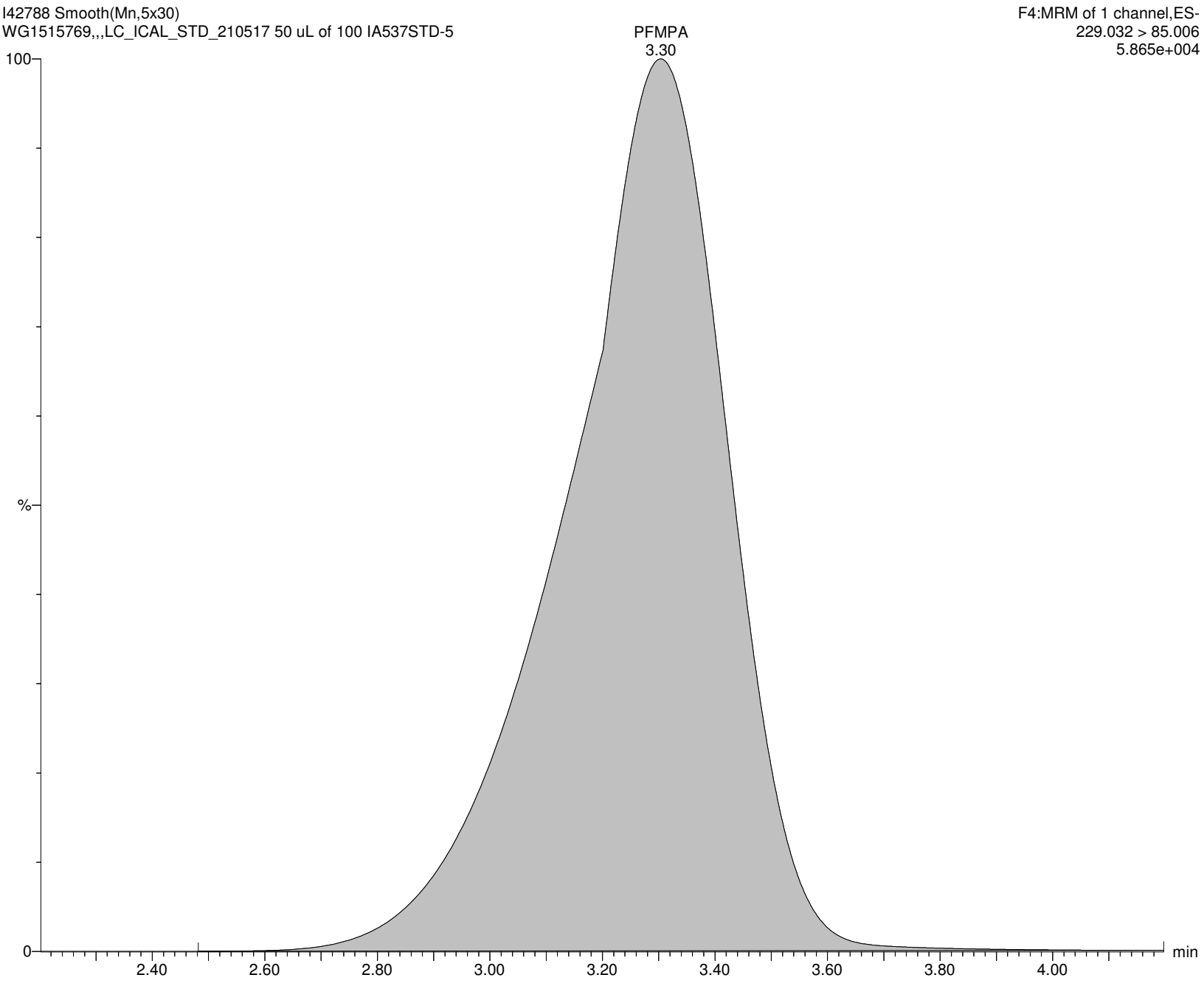


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFMPA

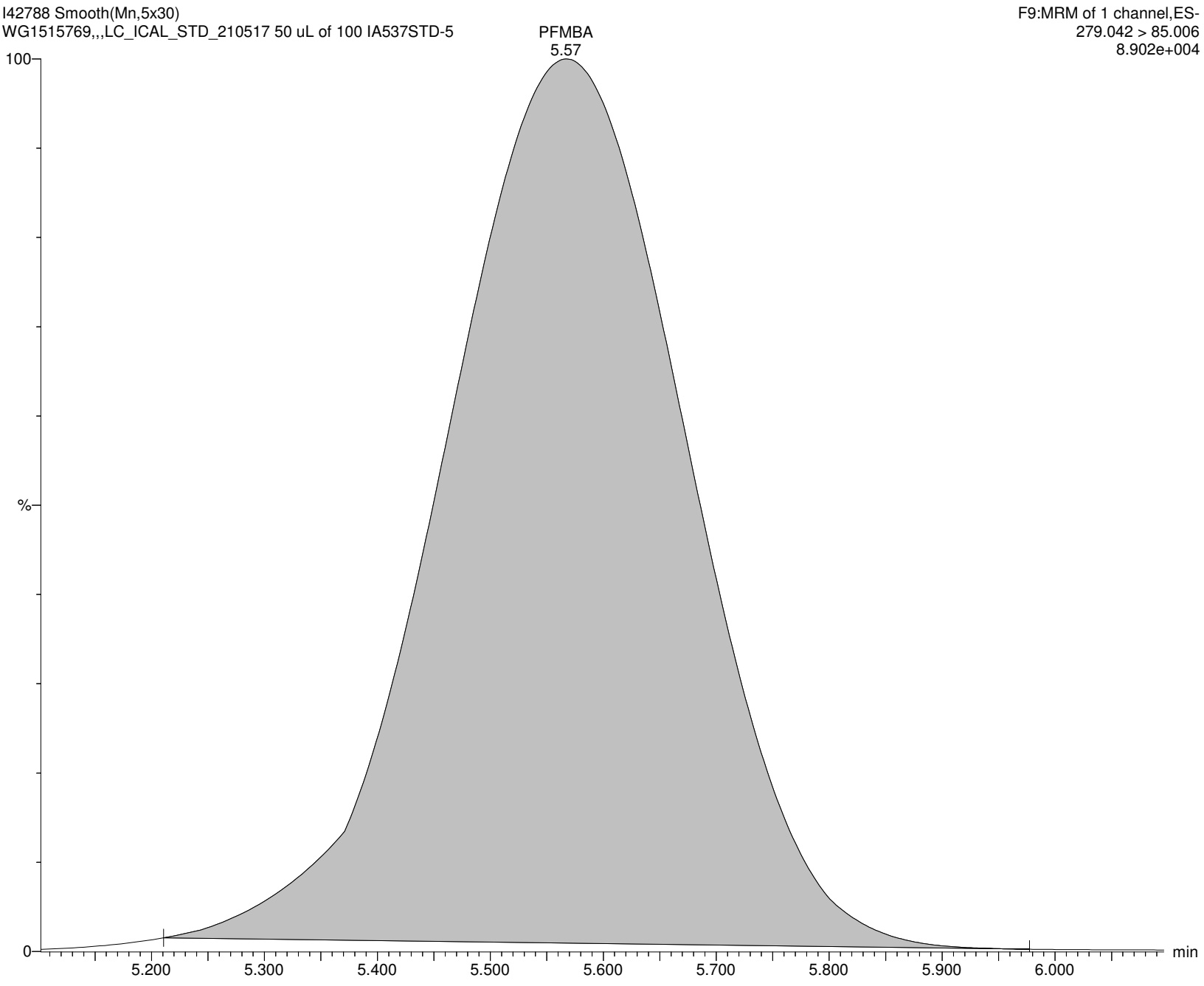


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFMBA

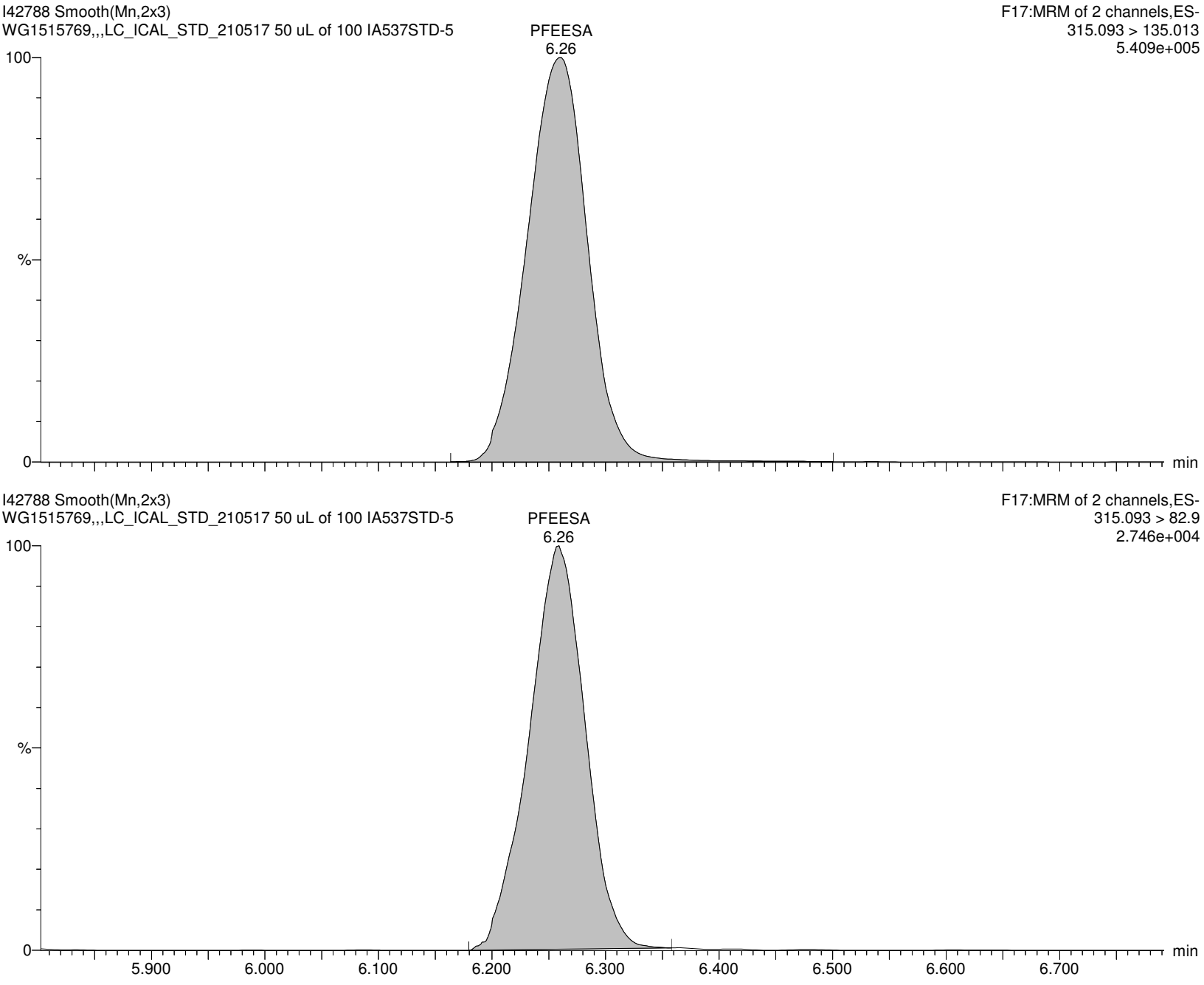


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFEESA

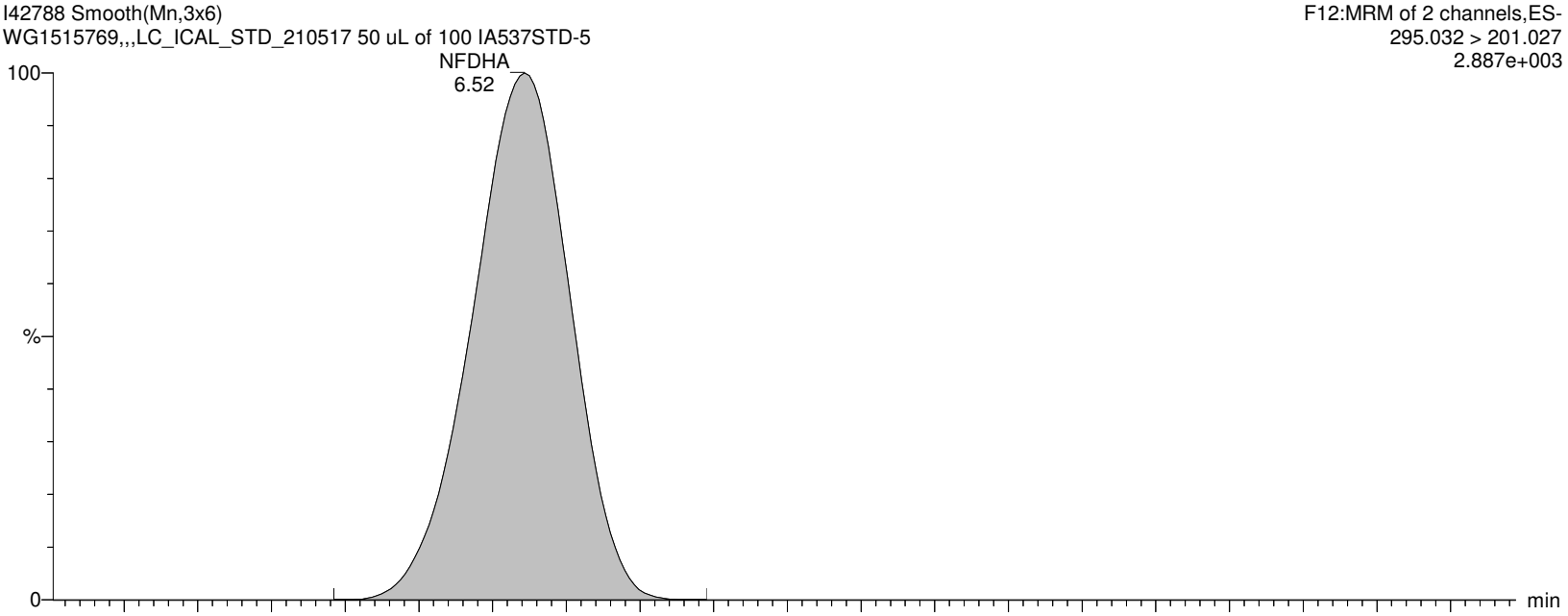


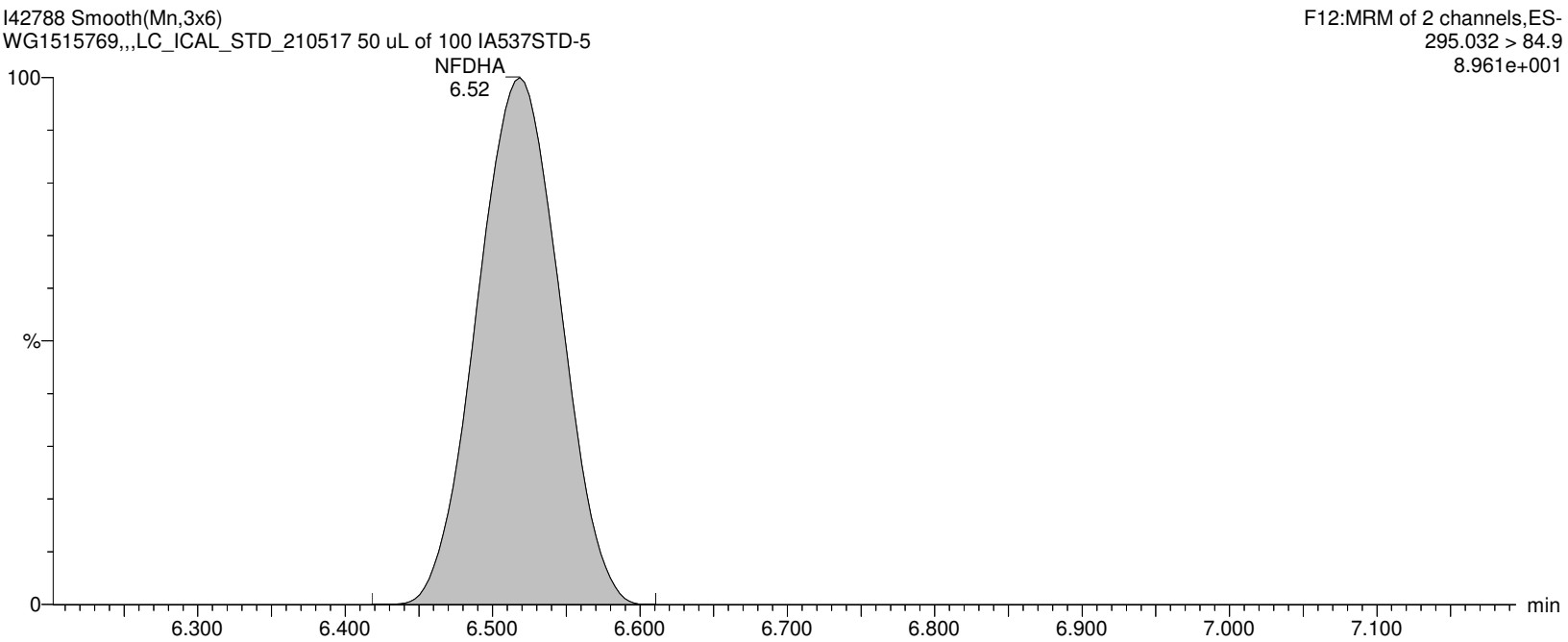
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:48 Eastern Daylight Time

Name: I42788
ID: IA537STD-5
Date: 25-Jun-2021
Time: 19:10:06
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL of 100
User: LCMS02:RS
Vial: 1:C,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NFDHA





all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\MethDB\537ISO_Q_210625_TOP_RT.mdb 22 Jun 2021 09:28:25
Calibration: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

ID: IA537STD-10
Name: I42789
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	1.97	213.032 > 169.022	47228		9.790		na	97.9
2	M3PFBA	INT STD	1.97	216.009 > 171.999	49841		9.494		na	94.9
3	MPFBA	INT STD	1.97	217.001 > 171.999	54206		10.115		na	101.1
4	PFPeA	2706-90-3	4.85	263.039 > 219.03	55592		9.825		na	98.3
5	M5PFPEA	INT STD	4.85	268.001 > 222.999	60132		10.225		na	102.3
6	PFBS	375-73-5	5.51	299.092 > 80.062	11722		8.809	1.95	NO	99.5
7	M3PFBS	INT STD	5.51	302.069 > 80.062	12249		9.862		na	98.6
8	4:2FTS	757124-72-4	6.67	327.146 > 307.139	4269		9.779	2.54	NO	104.6
9	M2-4:2FTS	INT STD	6.67	329.13 > 309.124	4587		9.215		na	92.2
10	PFHxA	307-24-4	6.74	313.047 > 269.037	65786		9.749	15.95	NO	97.5
11	M5PFHxA	INT STD	6.75	318.009 > 273.007	63598		10.071		na	100.7
12	PFPeS	2706-91-4	7.07	349.1 > 80.062	13139		10.404	2.37	NO	110.7
13	PFHpA	375-85-9	8.03	363.055 > 319.045	94620		9.686	5.65	NO	96.9
14	M4PFHpA	INT STD	8.03	367.025 > 322.022	96550		10.255		na	102.5
15	br-PFHxS	355-46-4	7.96	399.107 > 80.062	2283	M5,M7	1.862	2.11	NO	109.5
16	L-PFHxS	355-46-4	8.19	399.107 > 80.062	11297		7.252	1.66	NO	98.0
17	PFHxS	355-46-4		399.107 > 80.062	13580		9.114		na	
18	M3PFHxS	INT STD	8.19	402.084 > 80.062	14277		10.136		na	101.4
19	br-PFOA	335-67-1		413.063 > 369.053			ND		YES	
20	L-PFOA	335-67-1	8.98	413.063 > 369.053	100361		9.862	8.68	NO	98.6
21	PFOA	335-67-1		413.063 > 369.053	100361		9.862		na	
22	M8PFOA	INT STD	8.98	421.002 > 376.	105604		10.072		na	100.7
23	M2PFOA	INT STD	8.98	415.048 > 370.045	103278		9.751		na	97.5
24	6:2FTS	27619-97-2	8.93	427.161 > 407.155	4743		10.641	4.11	NO	112.0
25	M2-6:2FTS	INT STD	8.93	429.146 > 409.14	4656		9.112		na	91.1
26	PFHpS	375-92-8	9.07	449.115 > 80.062	8694		9.551	1.09	NO	100.5
27	PFNA	375-95-1	9.73	463.071 > 419.061	75480		9.829	3.89	NO	98.3
28	M9PFNA	INT STD	9.73	472.002 > 427.	30742		10.207		na	102.1
29	br-PFOS	1763-23-1	9.60	499.123 > 80.062	2968	M5,M7	2.108	4.42	NO	105.4
30	L-PFOS	1763-23-1	9.79	499.123 > 80.062	8663		7.687	1.72	NO	105.3
31	PFOS	1763-23-1		499.123 > 80.062	11631		9.795		na	
32	M4PFOS	INT STD	9.79	503.093 > 80.062	11257		9.946		na	99.5
33	M8PFOS	INT STD	9.79	507.062 > 80.062	12706		10.073		na	100.7
34	PFDA	335-76-2	10.35	513.078 > 469.069	66733		9.789	5.68	NO	97.9
35	M2PFDA	INT STD	10.35	515.053 > 469.934	59910		9.821		na	98.2
36	M6PFDA	INT STD	10.35	519.033 > 474.03	68505		10.074		na	100.7
37	8:2FTS	39108-34-4	10.34	527.177 > 507.171	2312		10.381	5.02	NO	108.1
38	M2-8:2FTS	INT STD	10.34	529.162 > 509.155	3542		9.429		na	94.3
39	PFNS	68259-12-1	10.39	549.131 > 80.062	9751		9.934	1.45	NO	103.5

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

ID: IA537STD-10
Name: I42789
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.77	573.22 > 419.061	6159		9.609		na	96.1
41	br-NMeFOSAA		10.62	570.202 > 419.061	619	M5,M7	2.572	1.46	NO	107.2
42	L-NMeFOSAA		10.77	570.202 > 419.061	5041		7.513	2.38	NO	98.9
43	NMeFOSAA	2355-31-9		570.202 > 419.061	5660		10.085		na	
44	PFUnA	2058-94-8	10.89	563.086 > 519.076	62085		9.374	9.98	NO	93.7
45	M7-PFUDA	INT STD	10.89	570.033 > 525.031	65661		10.354		na	103.5
46	PFDS	335-77-3	10.90	599.139 > 80.062	10645		10.092	1.63	NO	104.6
47	FOSA	754-91-6	10.95	498.146 > 78.07	30501		9.613	114.64	NO	96.1
48	M8FOSA	INT STD	10.95	506.077 > 78.07	37063		10.067		na	100.7
49	br-NEtFOSAA		10.93	584.229 > 419.061	359	M5,M7	2.133	0.52	NO	94.8
50	L-NEtFOSAA		11.07	584.229 > 419.061	3692		7.411	1.17	NO	95.6
51	NEtFOSAA	2991-50-6		584.229 > 419.061	4050		9.544		na	
52	d5-NEtFOSAA	INT STD	11.06	589.259 > 419.061	5049		9.533		na	95.3
53	PFDoA	307-55-1	11.35	613.094 > 569.084	63970		9.747	19.12	NO	97.5
54	MPFDOA	INT STD	11.35	615.079 > 570.077	62500		10.215		na	102.2
55	PFTrDA	72629-94-8	11.77	663.102 > 619.092	53646		11.504	11.19	NO	115.0
56	PFTA	376-06-7	12.12	713.11 > 669.1	34583		9.607	8.67	NO	96.1
57	M2PFTEDA	INT STD	12.12	715.094 > 670.092	18489		9.635		na	96.3
58	M3HFPO-DA	INT STD	7.18	287.02 > 169.022	6695		229.126		na	114.6
59	HFPO-DA	13252-13-6	7.18	285.035 > 169.022	2584		79.496	3.42	NO	79.5
60	ADONA	958445-44-8	8.21	377.06 > 251.028	82469		9.834	40.53	NO	103.9
61	PFHxDA		12.64	813.122 > 769.116	18392		9.988	21.73	NO	99.9
62	PFODA		12.86	913.411 > 869.131	2176	M4	9.653	25.35	NO	96.5
63	M2PFHxDA		12.64	815.102 > 770.108	27850		9.908		na	99.1
64	PFDoS		11.76	699.154 > 80.062	6440	M4,M7	9.347	2.19	NO	93.5
65	M2D4-10:2FTS		11.36	633.201 > 612.189	3839	M4	19.301		na	97.6
66	10:2FTS		11.36	627.192 > 607.186	2203	M2,M7	9.767	1.89	NO	101.3
67	9CL-PF3ONS		10.14	530.862 > 350.843	44154		8.633	2.57	NO	92.6
68	11CL-PFOUdS		11.16	630.862 > 450.854	41805		8.828	3.03	NO	93.7
69	NMeFOSA		11.57	512.163 > 169.022	31733		51.938	1.60	NO	103.9
70	d3-NMeFOSA		11.57	515.183 > 169.022	75450		100.030		na	100.0
71	NEtFOSA		11.88	526.192 > 169.022	33987		50.835	4.74	NO	101.7
72	d5-NEtFOSA		11.87	531.222 > 169.022	84299		100.675		na	100.7
73	NMeFOSE		11.58	615.8 > 59.045	39737		28.462		na	113.8
74	d7-NMeFOSE		11.56	622.84 > 59.045	64554		104.363		na	104.4
75	NEtFOSE		11.87	629.862 > 59.045	44472		27.910		na	111.6
76	d9-NEtFOSE		11.85	638.734 > 59.045	60769		97.291		na	97.3
77	M3PFPeA		4.85	266.017 > 222.007	67811		10.004		na	100.0
78	M2PFHxA		6.74	315.032 > 270.03	70269		10.183		na	101.8
79	M4PFOA		8.98	417.032 > 372.03	107353		10.096		na	101.0
80	PFPrS	423-41-6	3.32	249.084 > 80.062	12486		10.314	2.87	NO	112.6
81	PFMPA		3.31	229.032 > 85.006	38296		10.965		na	109.7
82	PFMBA		5.57	279.042 > 85.006	40826		10.503		na	105.0

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

ID: IA537STD-10
Name: I42789
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
83	PFEESA		6.26	315.093 > 135.013	62824		9.735	21.14	NO	109.4
84	NFDHA		6.52	295.032 > 201.027	521		11.659	32.71	NO	116.6

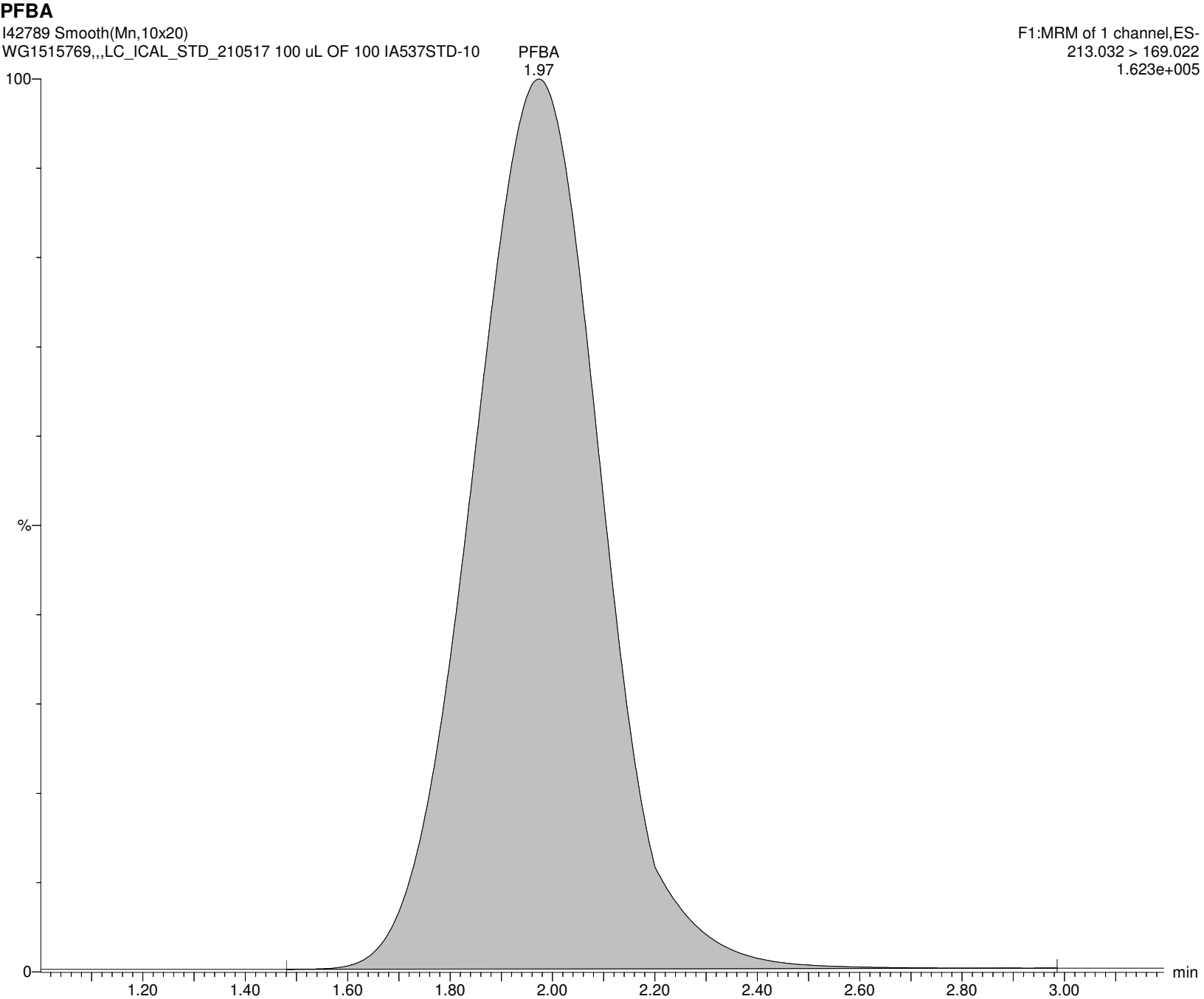
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\MethDB\537ISO_Q_210625_TOP_RT.mdb 22 Jun 2021 09:28:25
Calibration: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBA

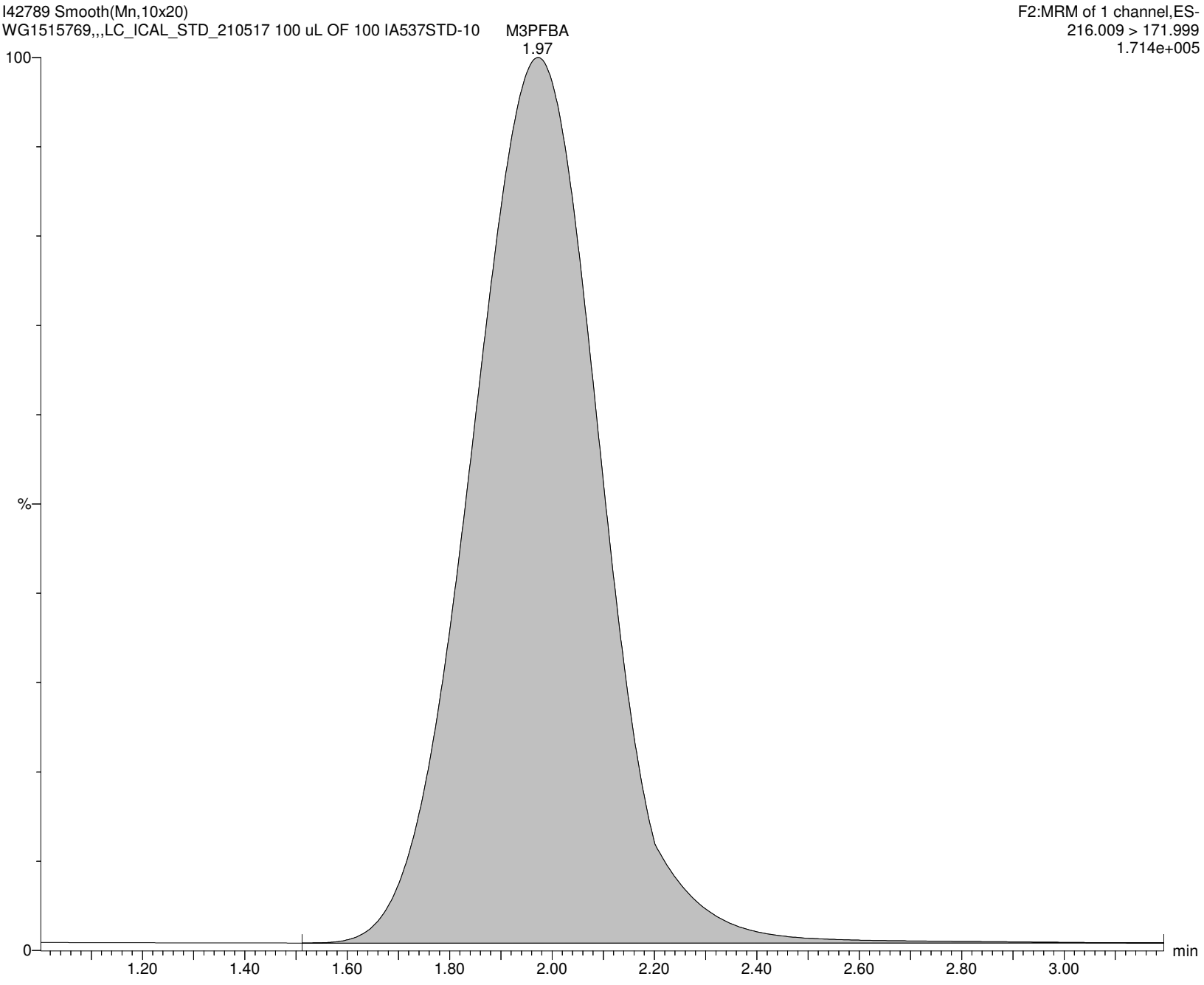


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBA

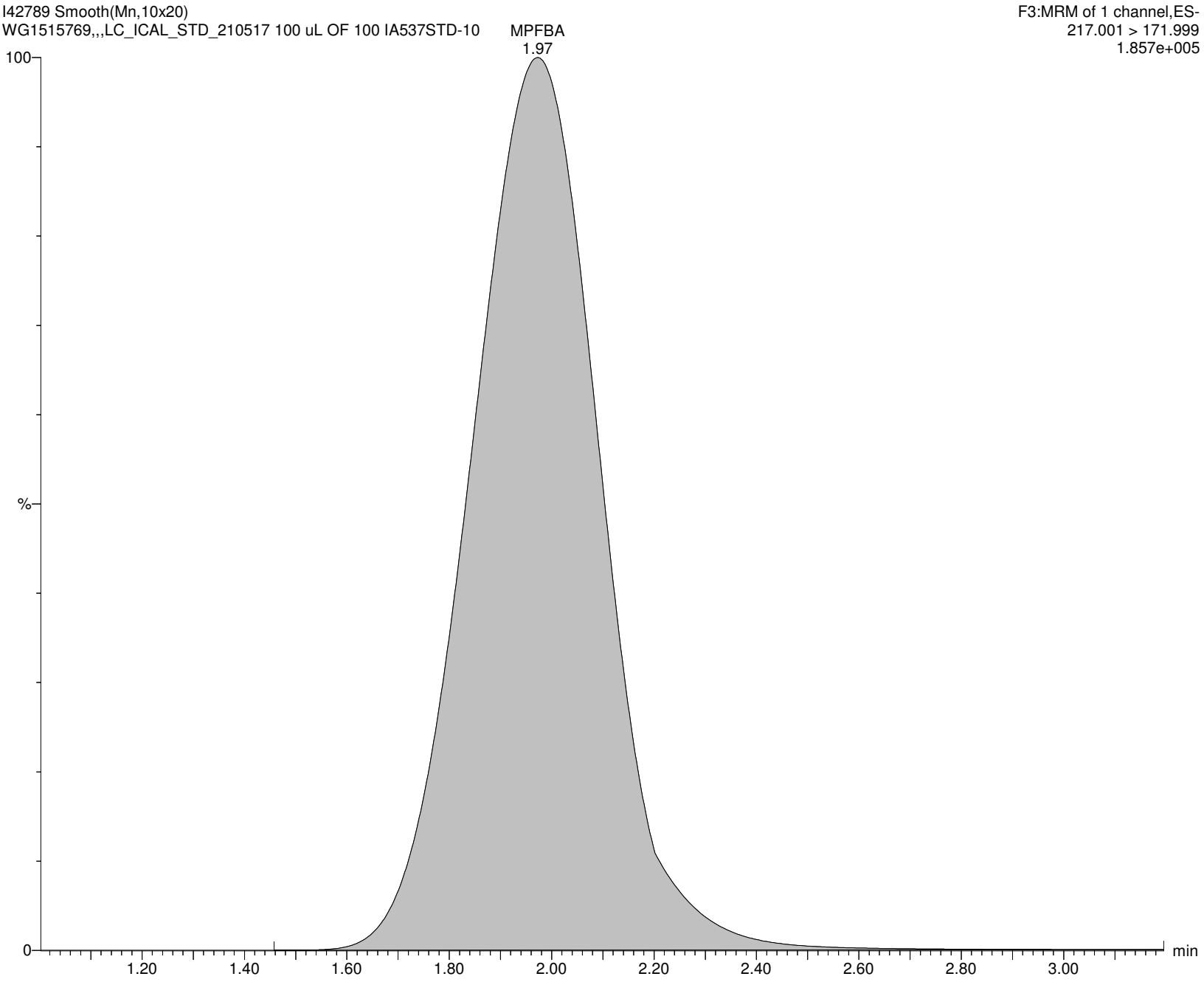


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFBA

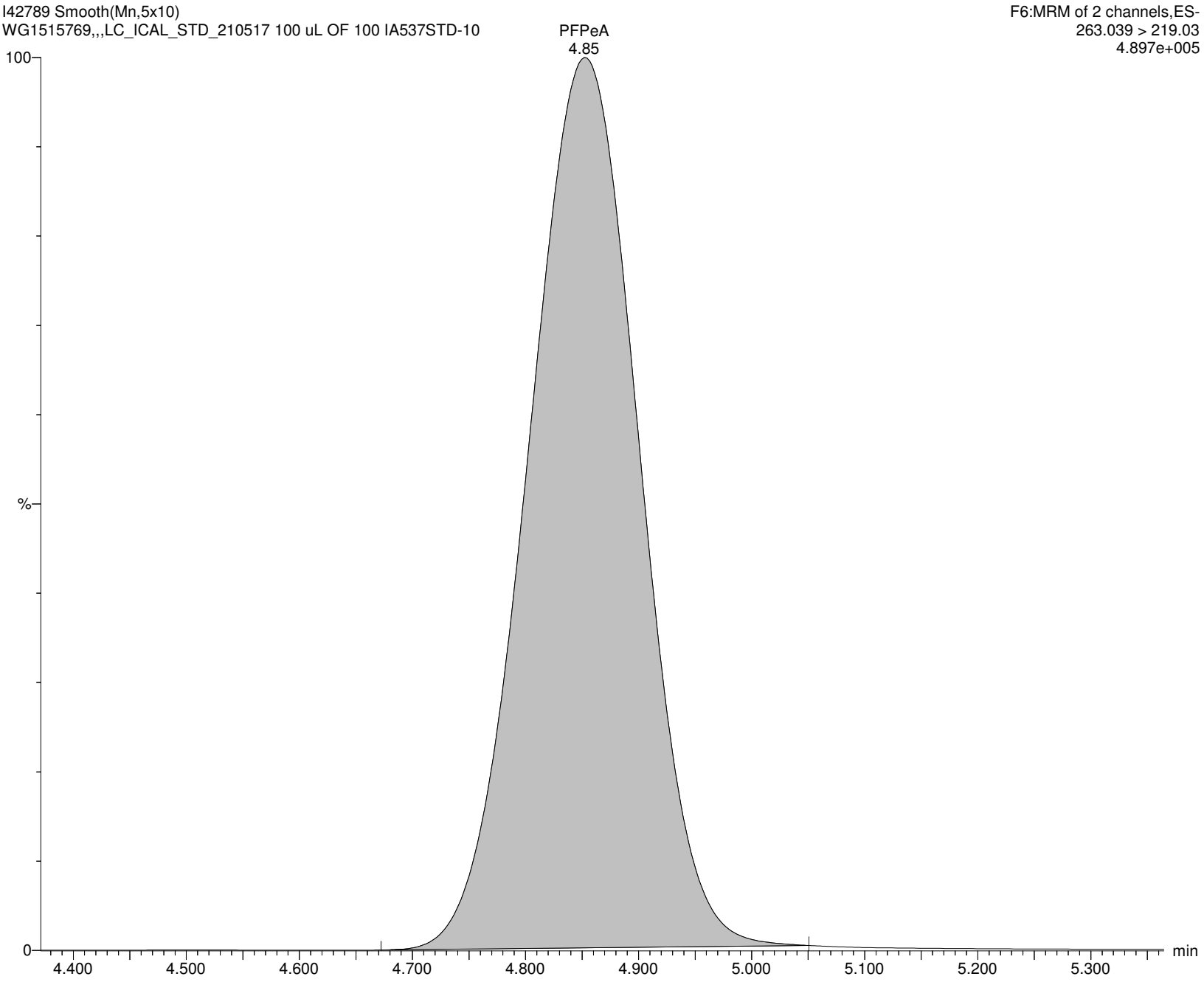


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeA

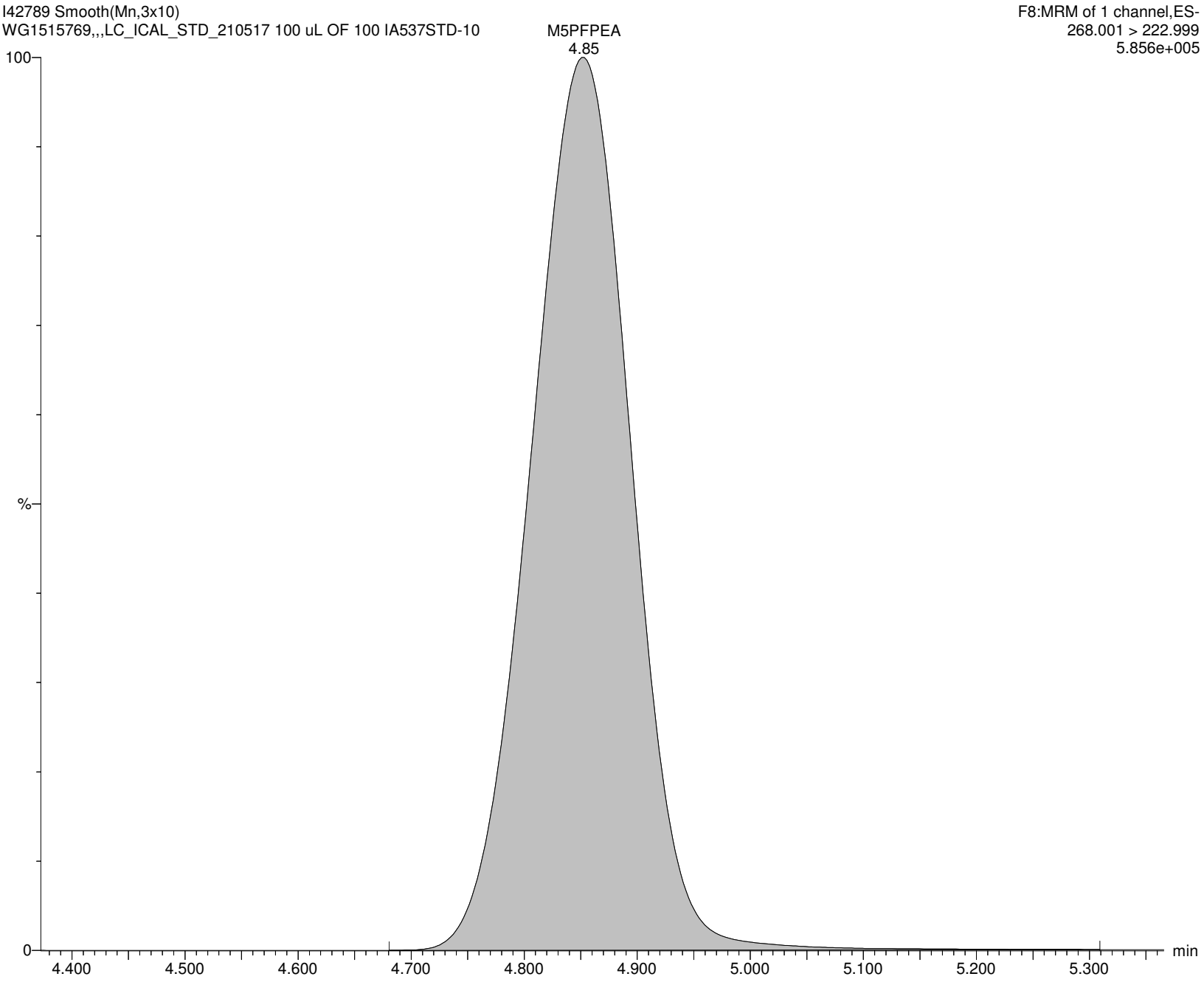


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFPEA

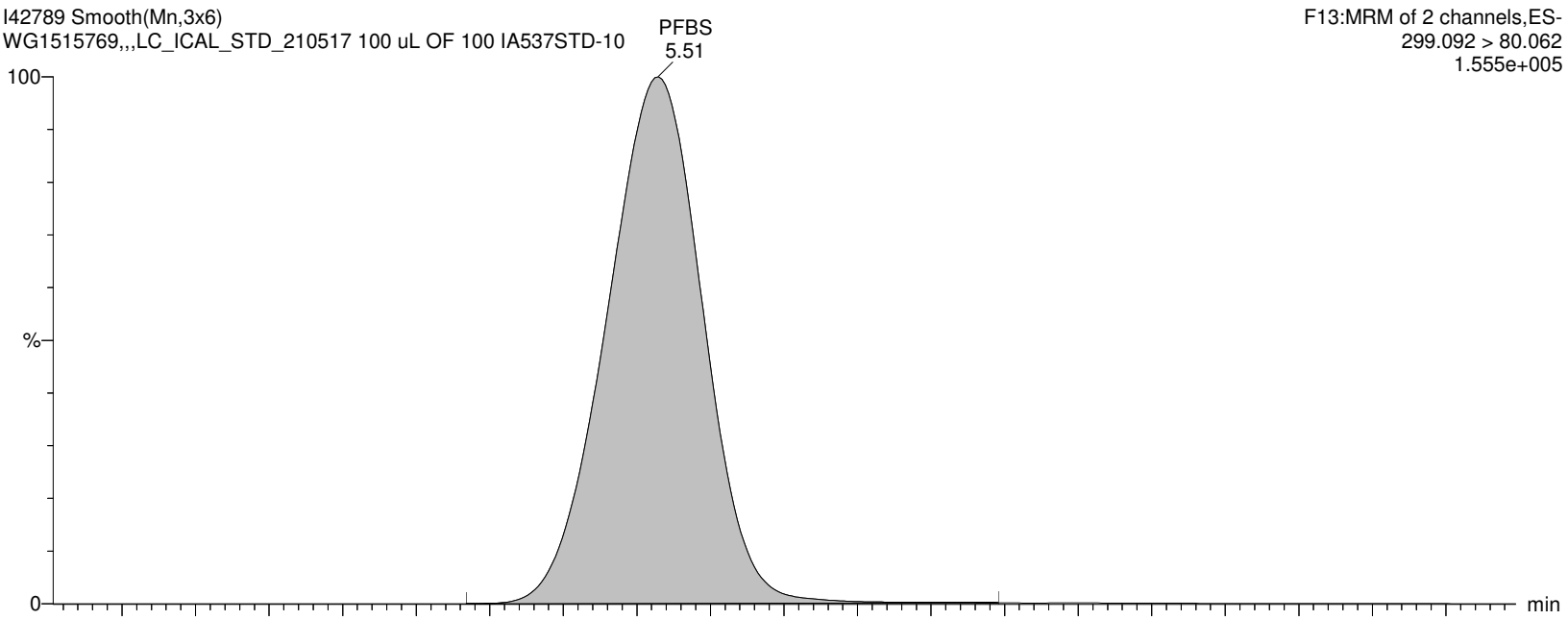


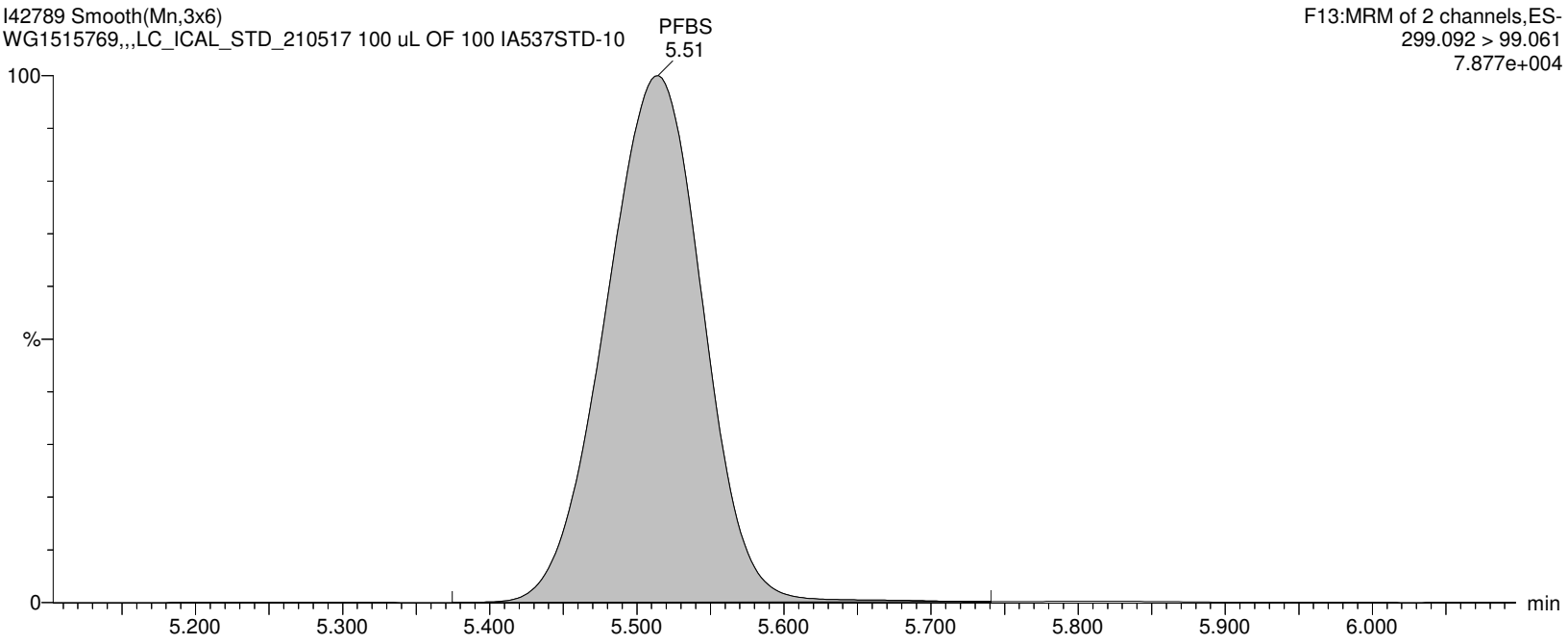
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBS



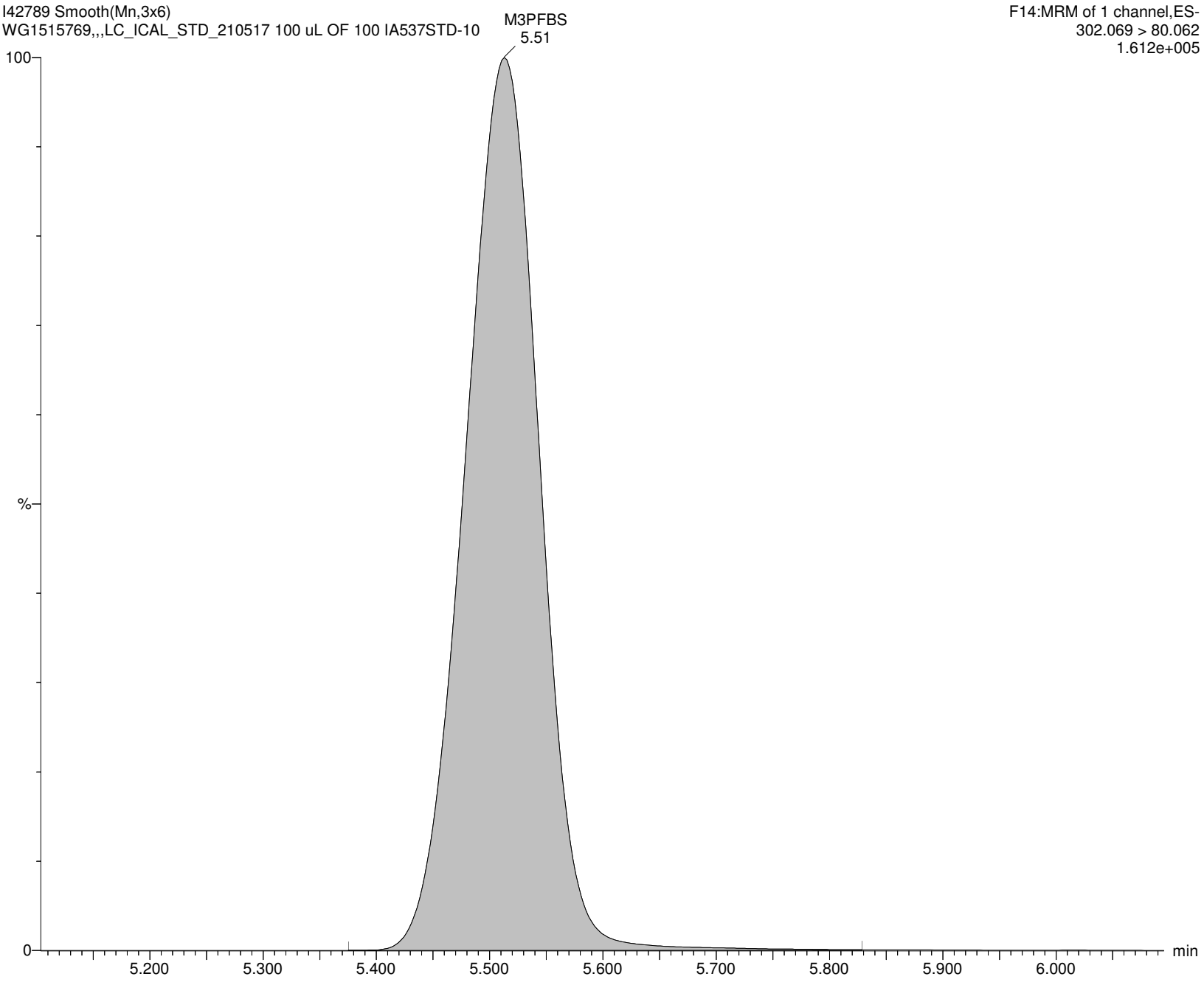


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBS

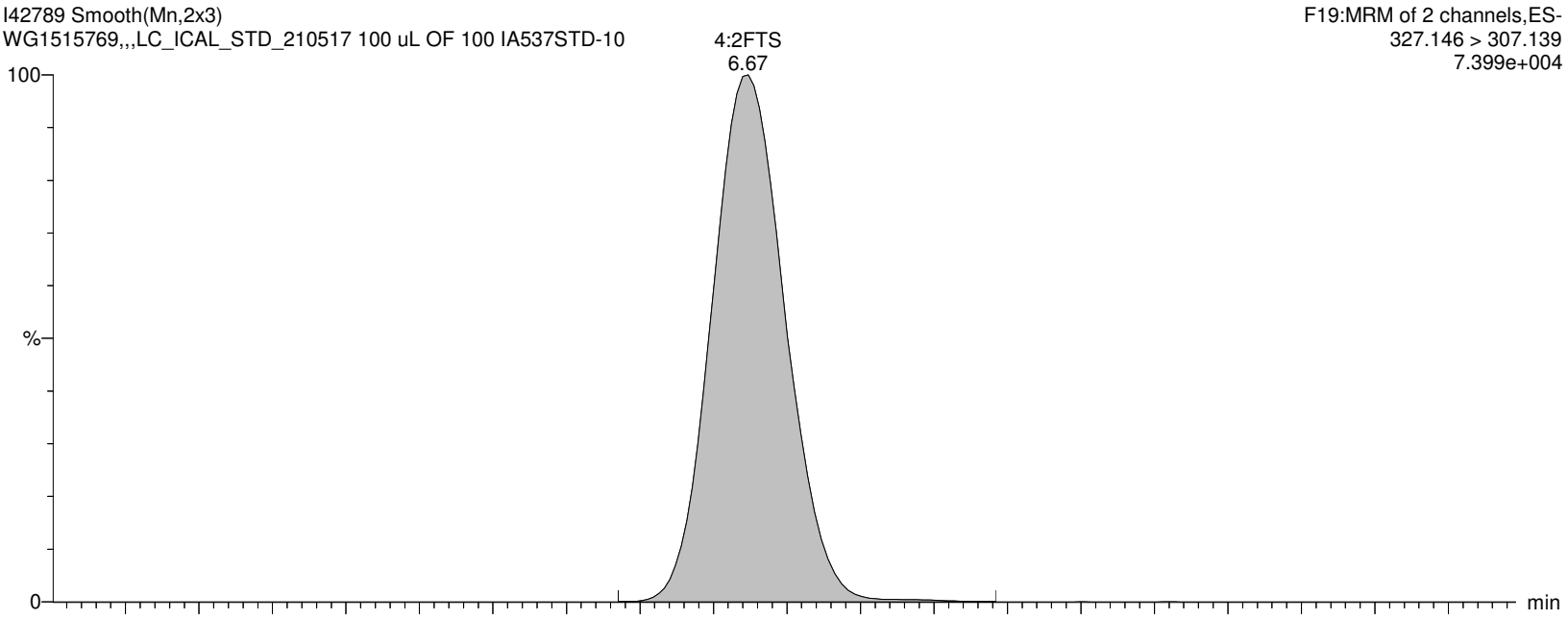


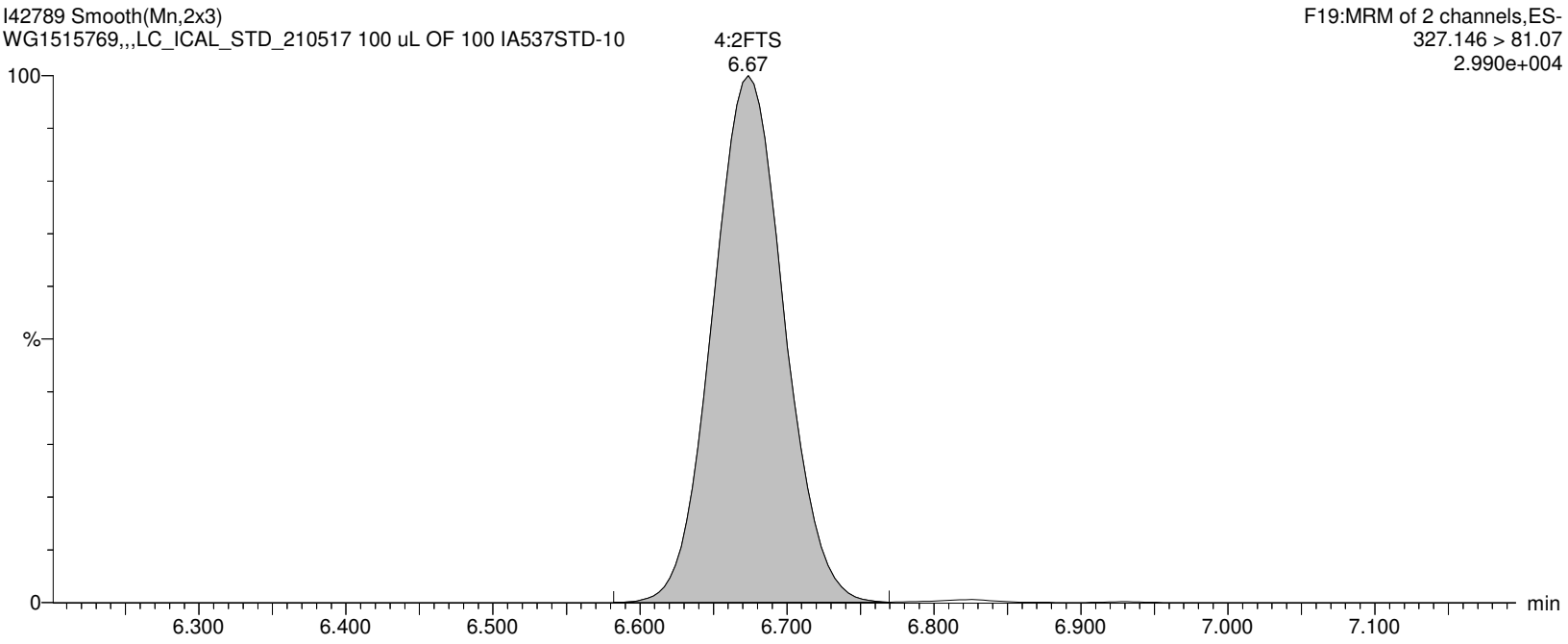
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

4:2FTS



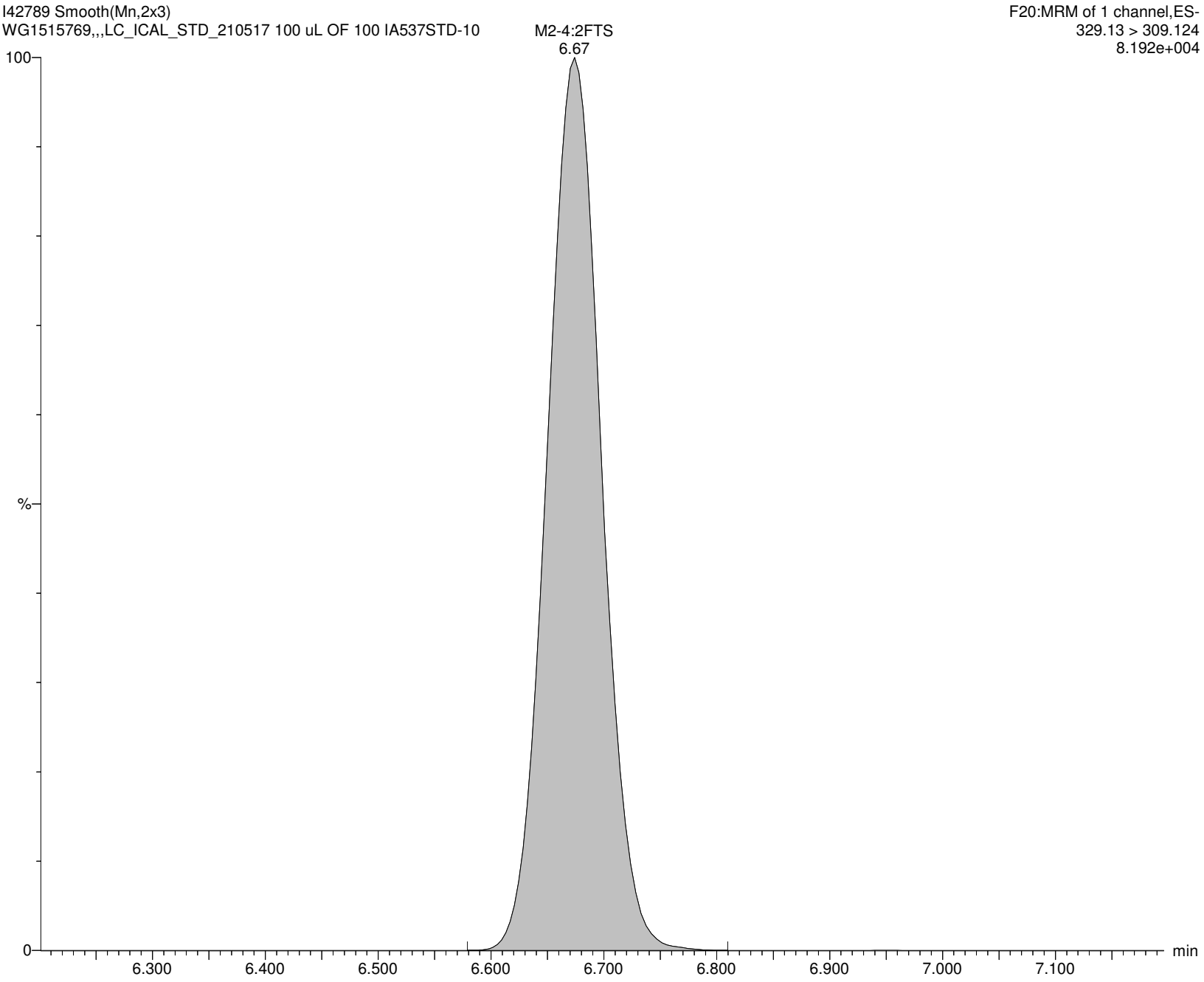


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-4:2FTS

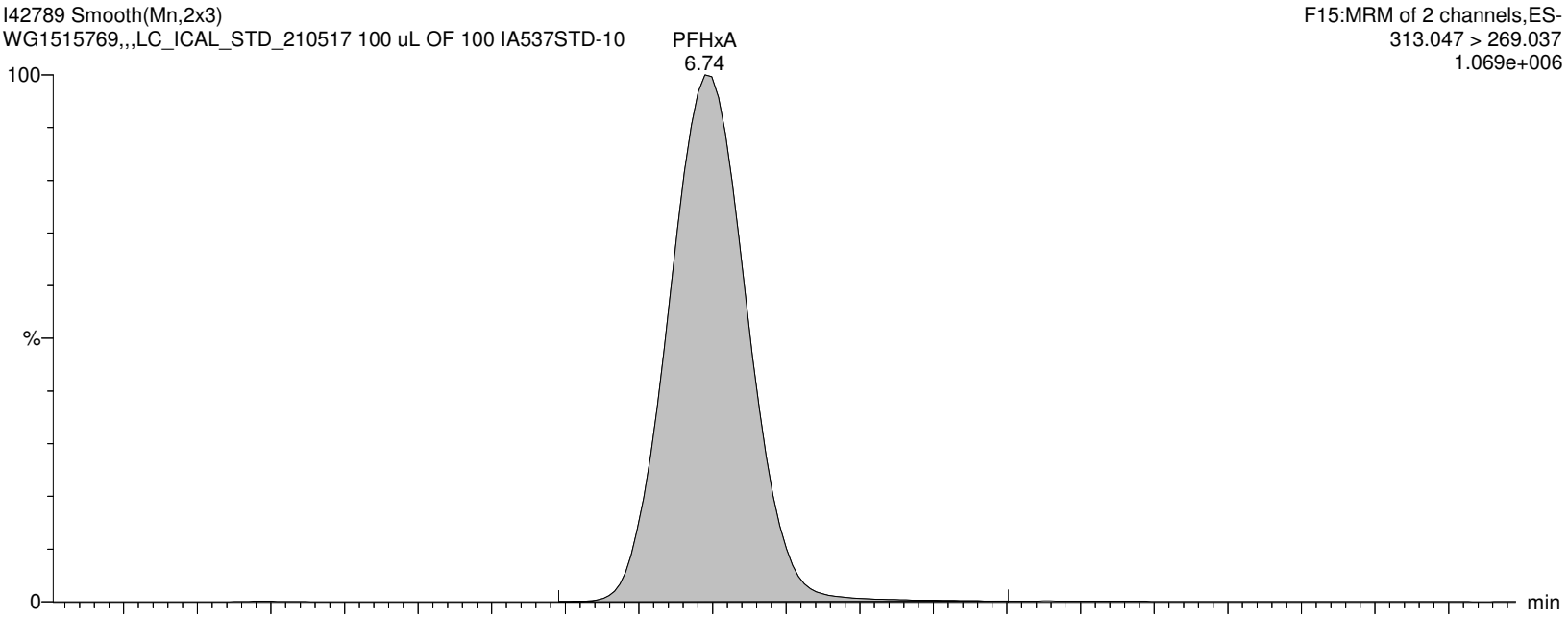


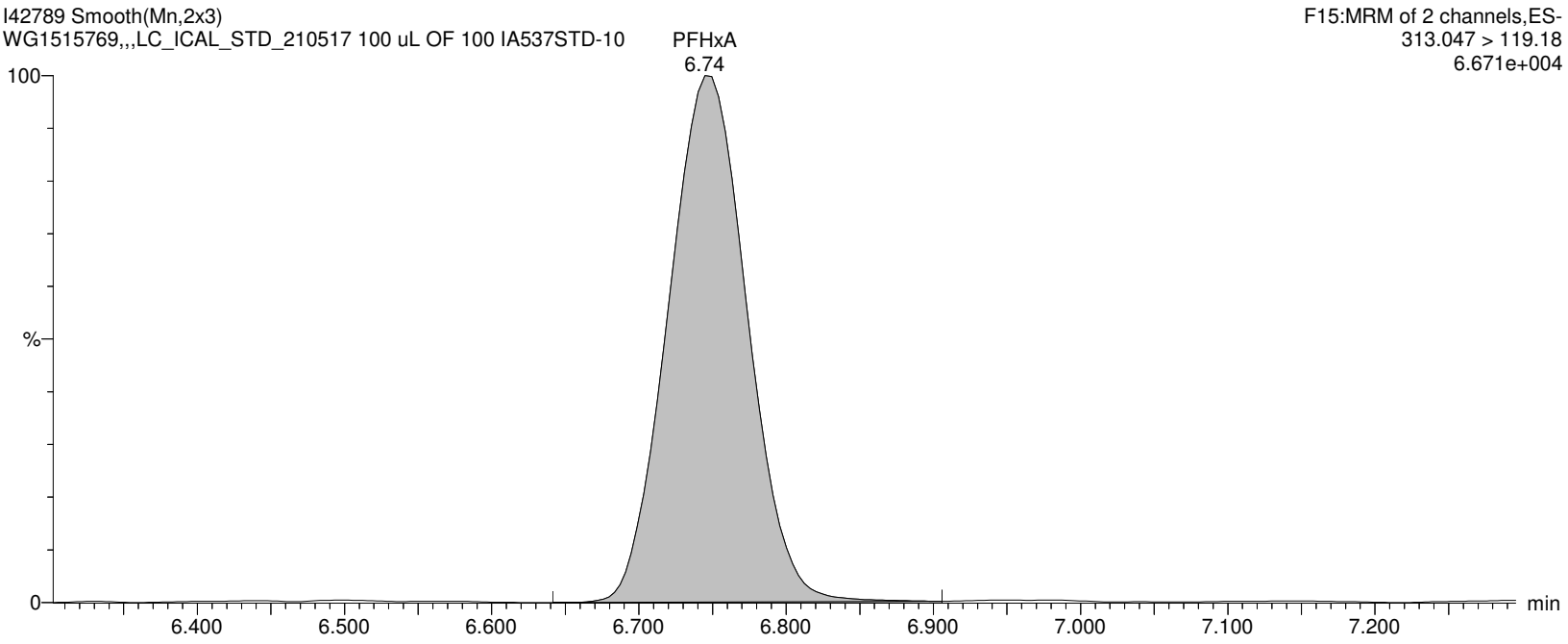
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxA



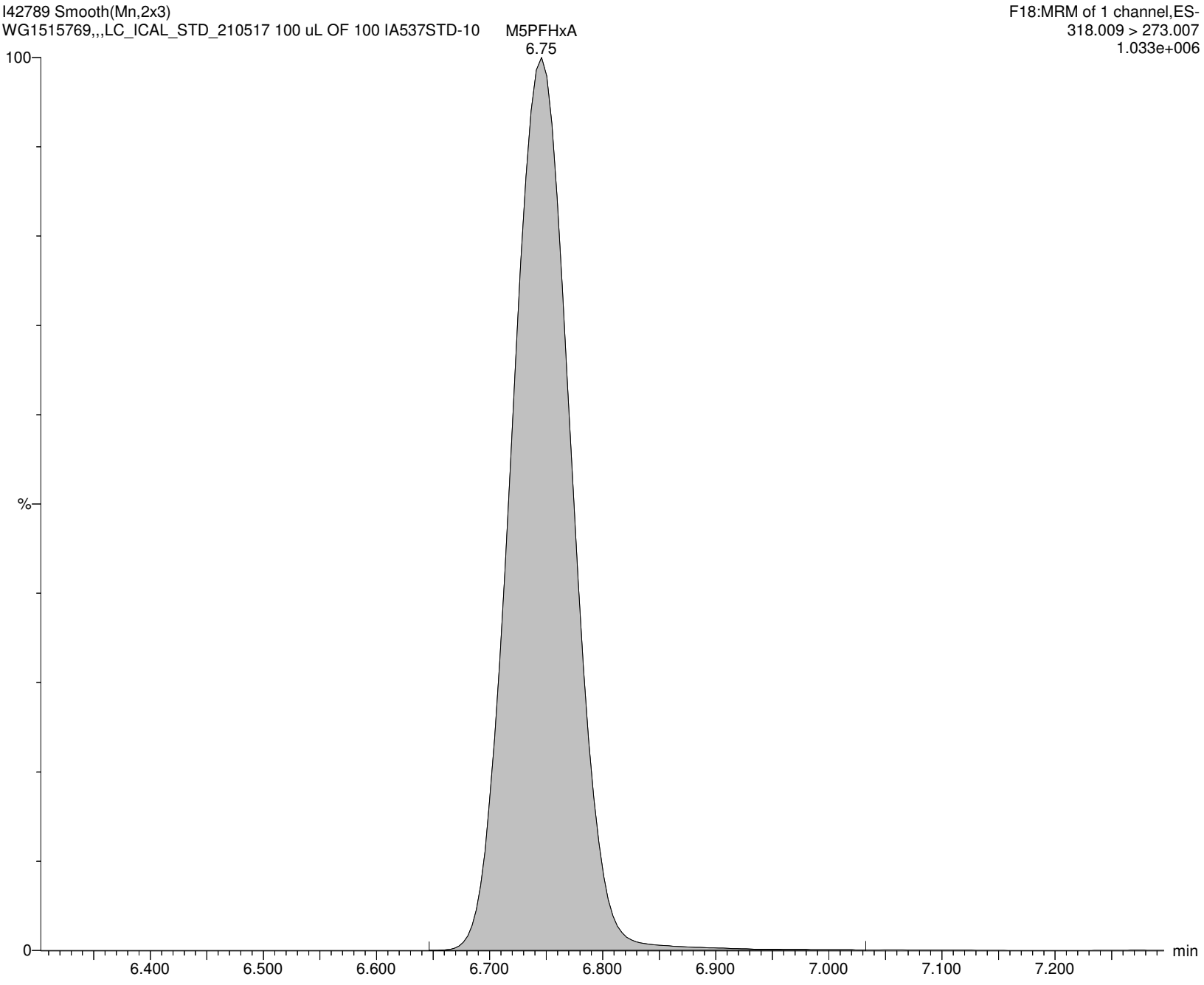


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFHxA

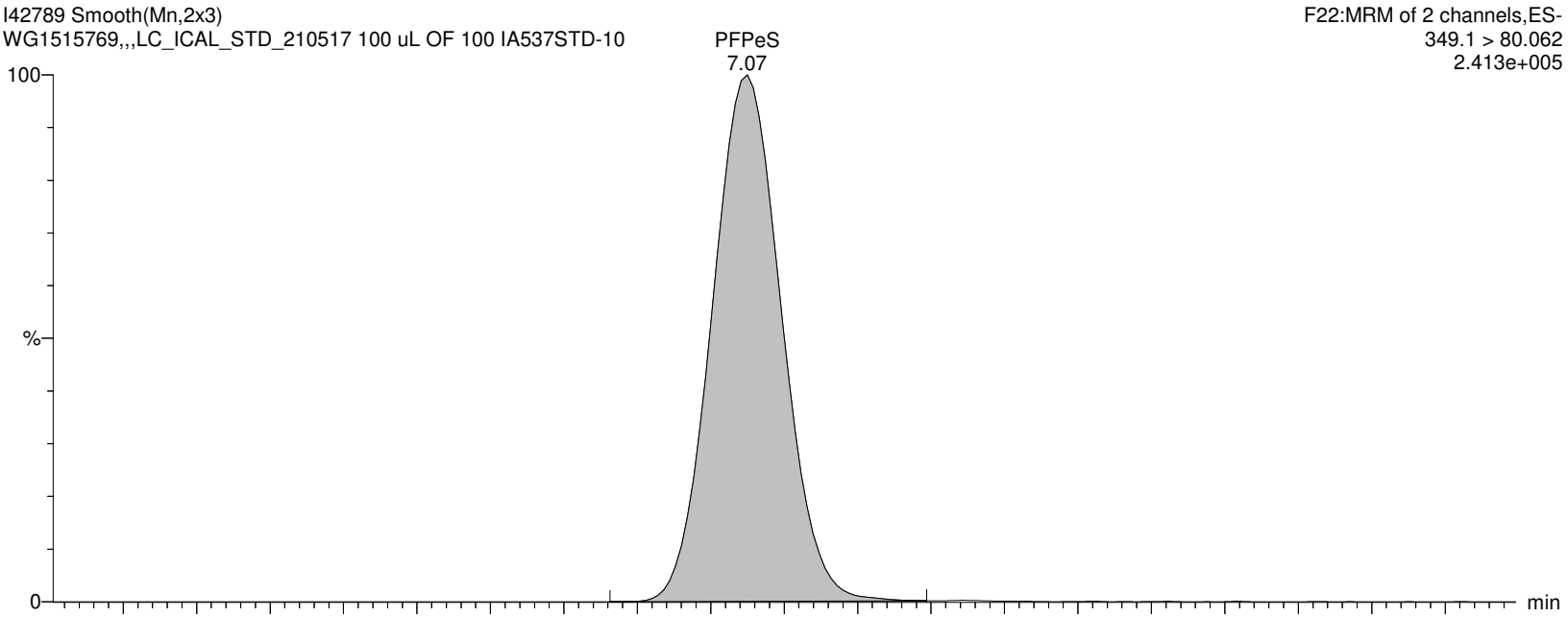


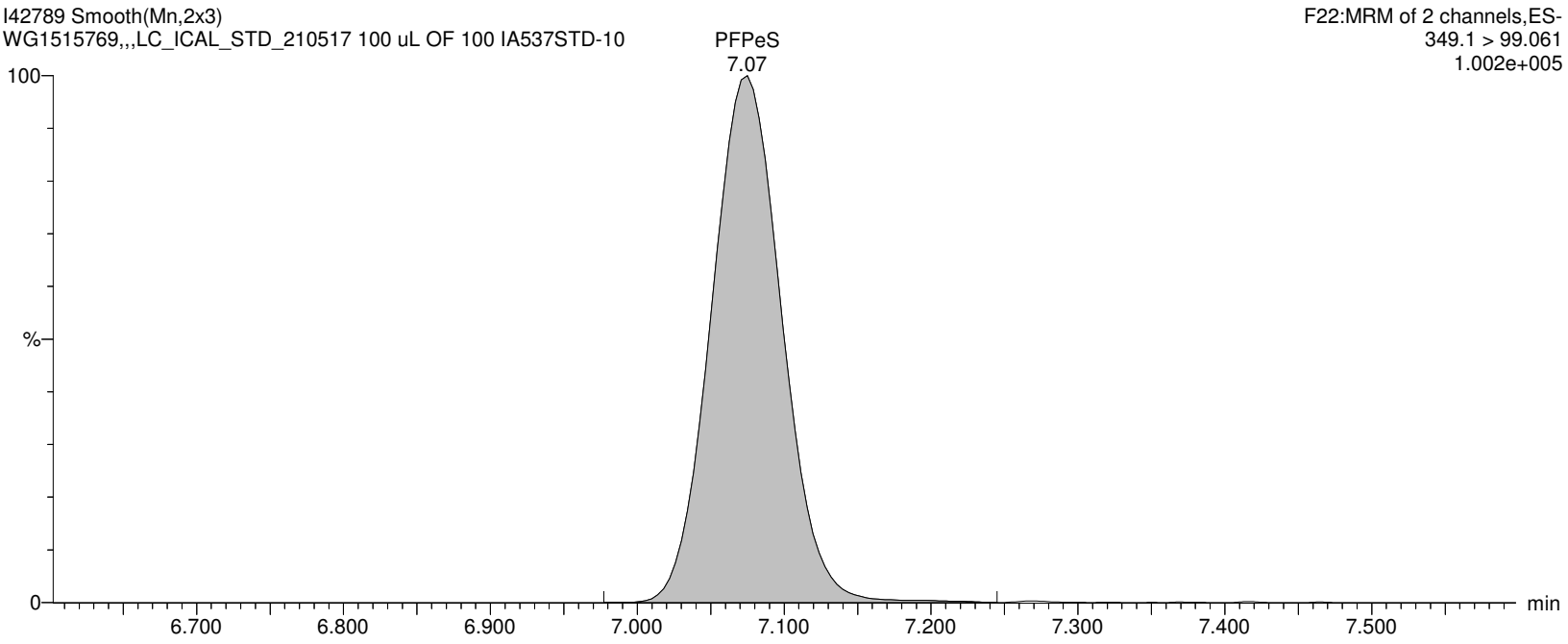
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeS



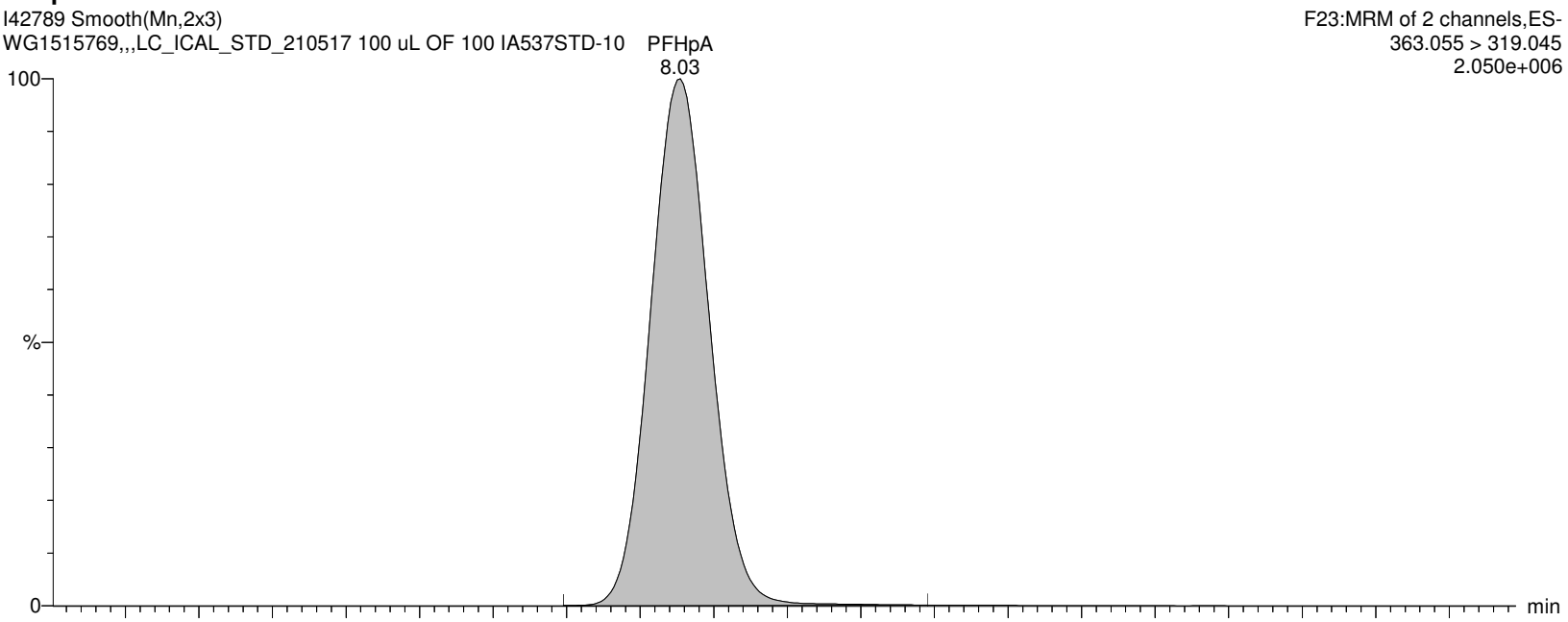


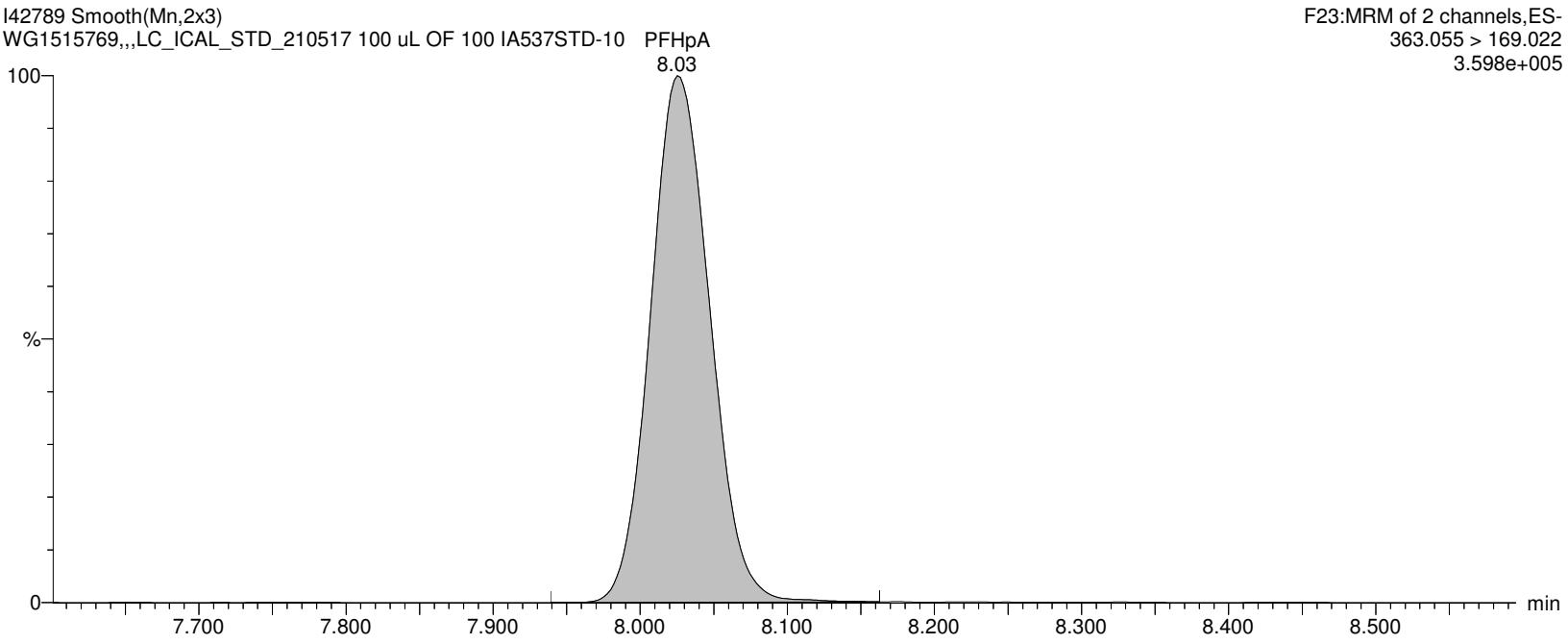
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpA



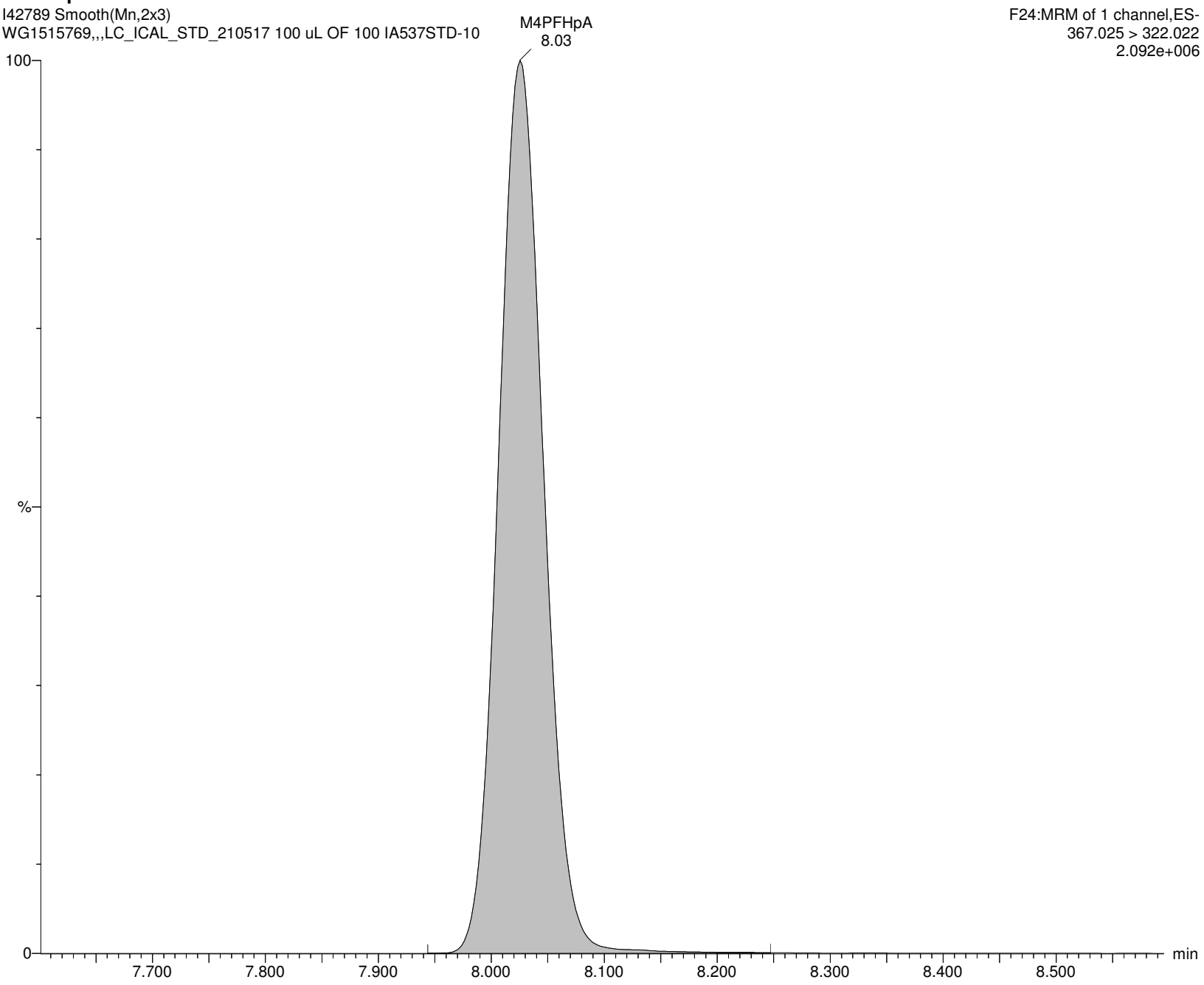


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFHpA

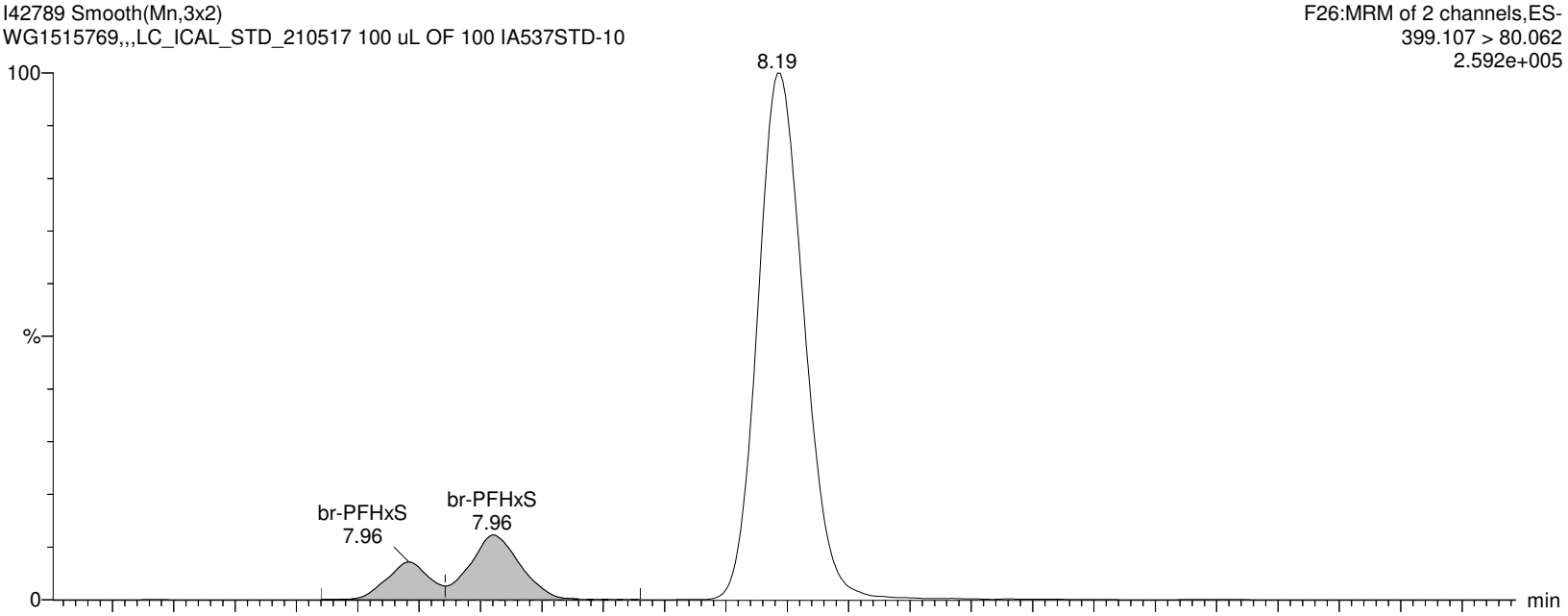


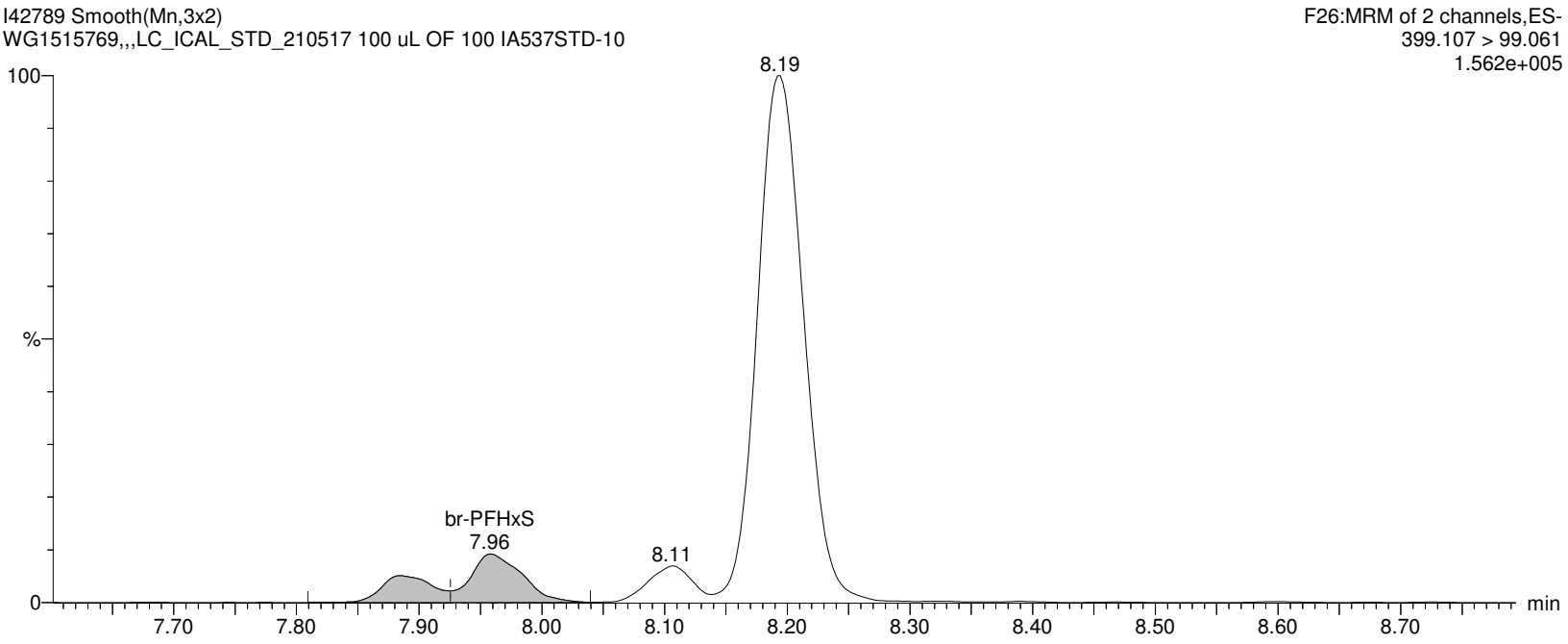
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFHxS



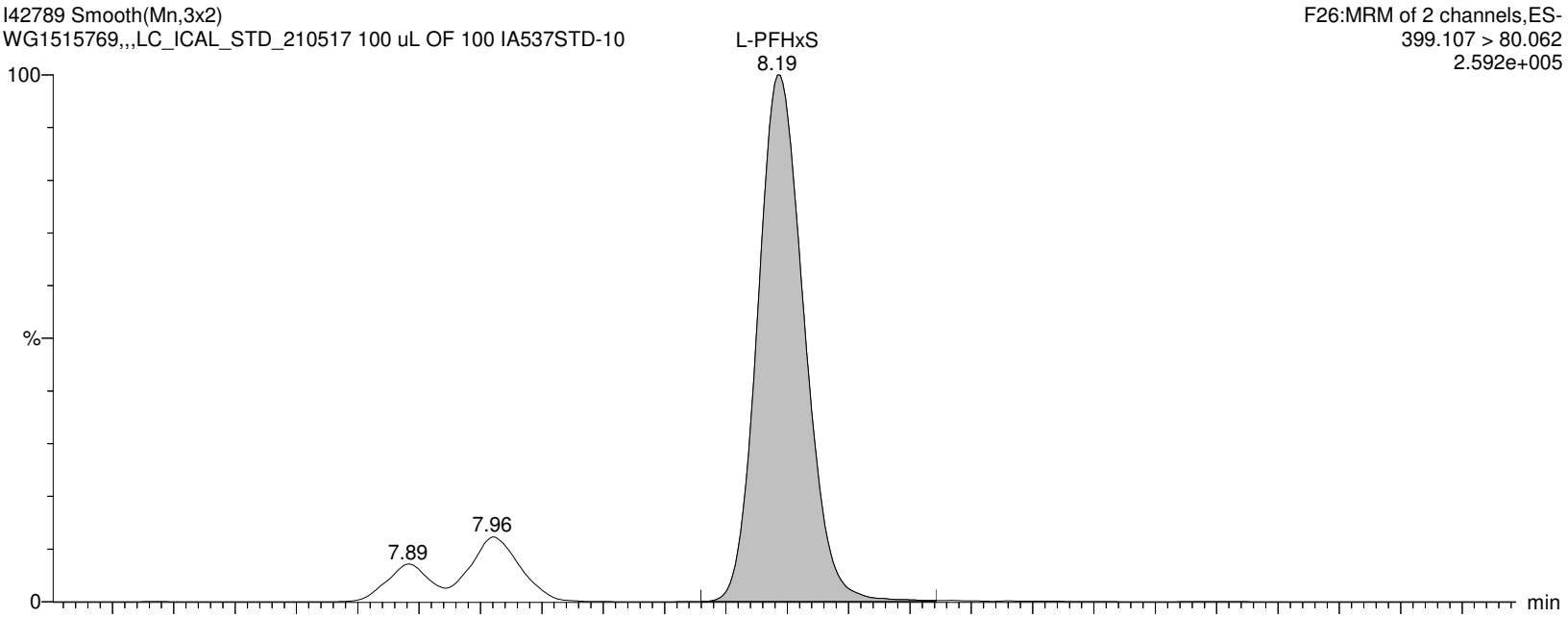


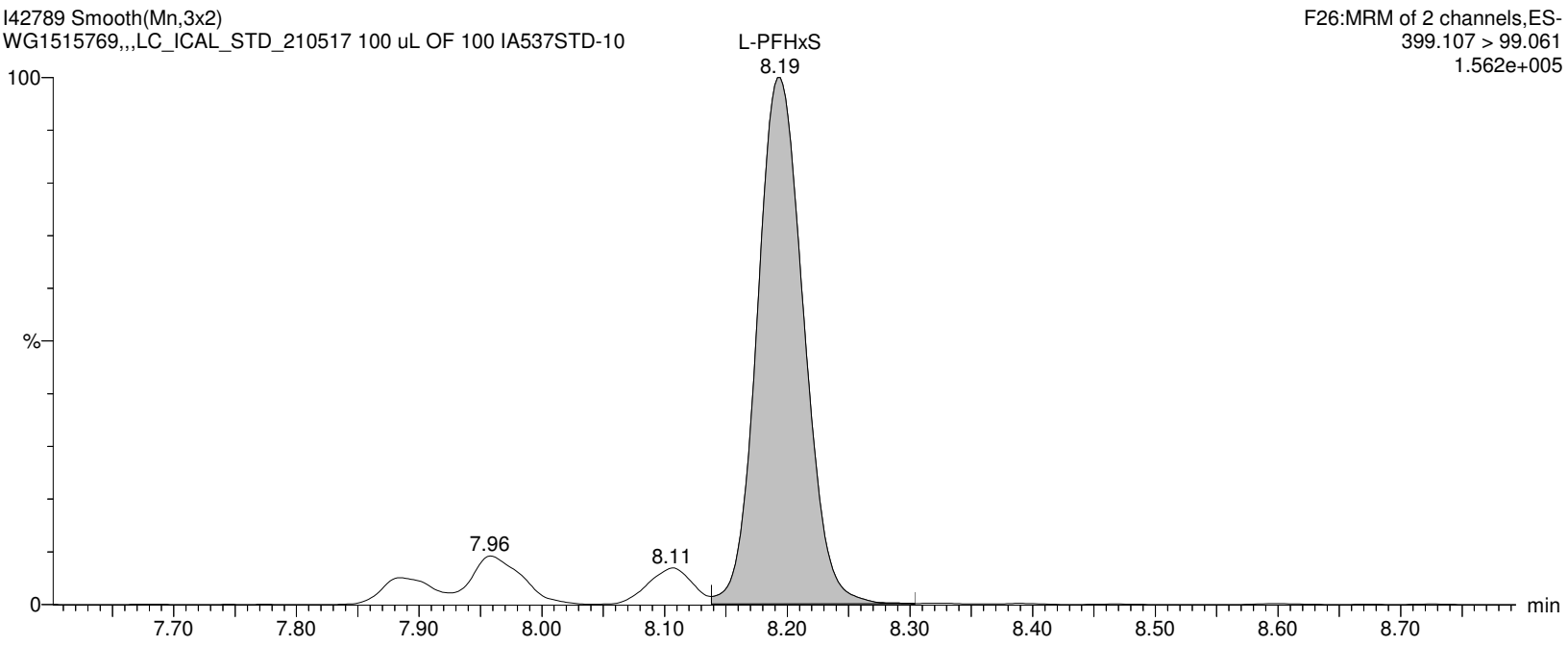
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFHxS



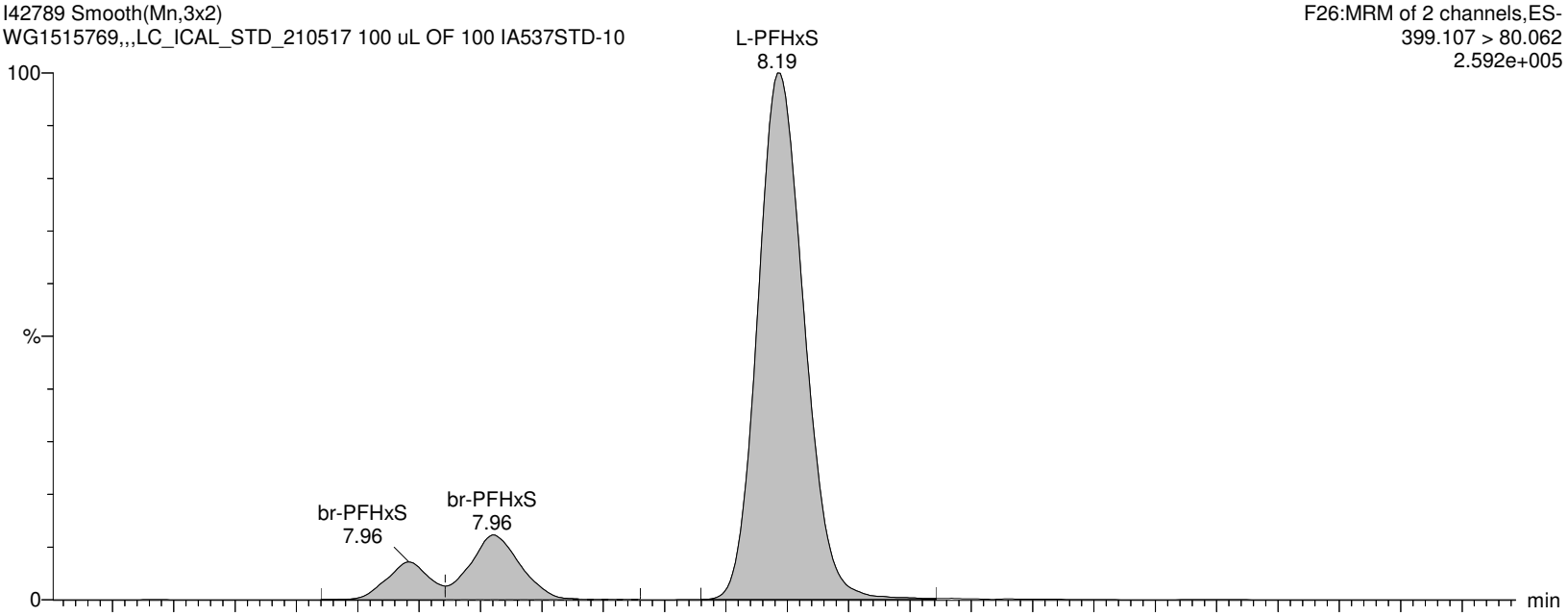


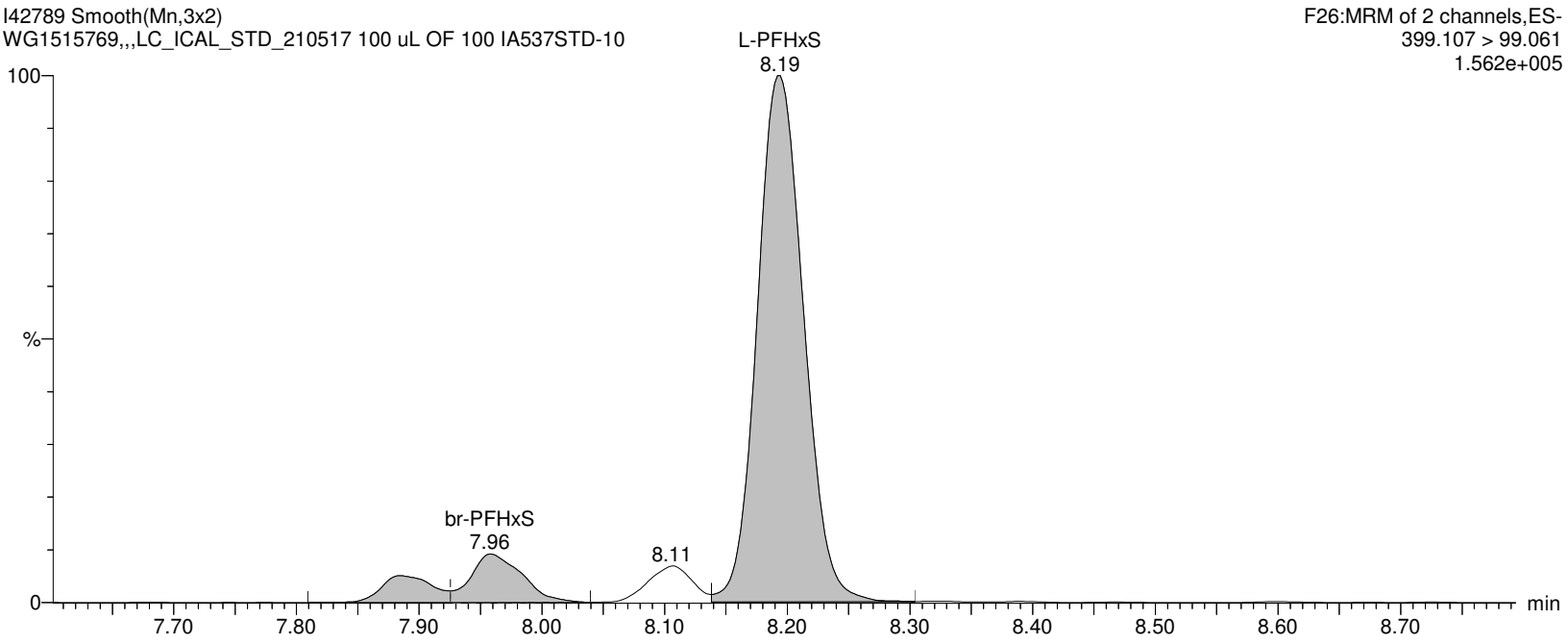
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxS



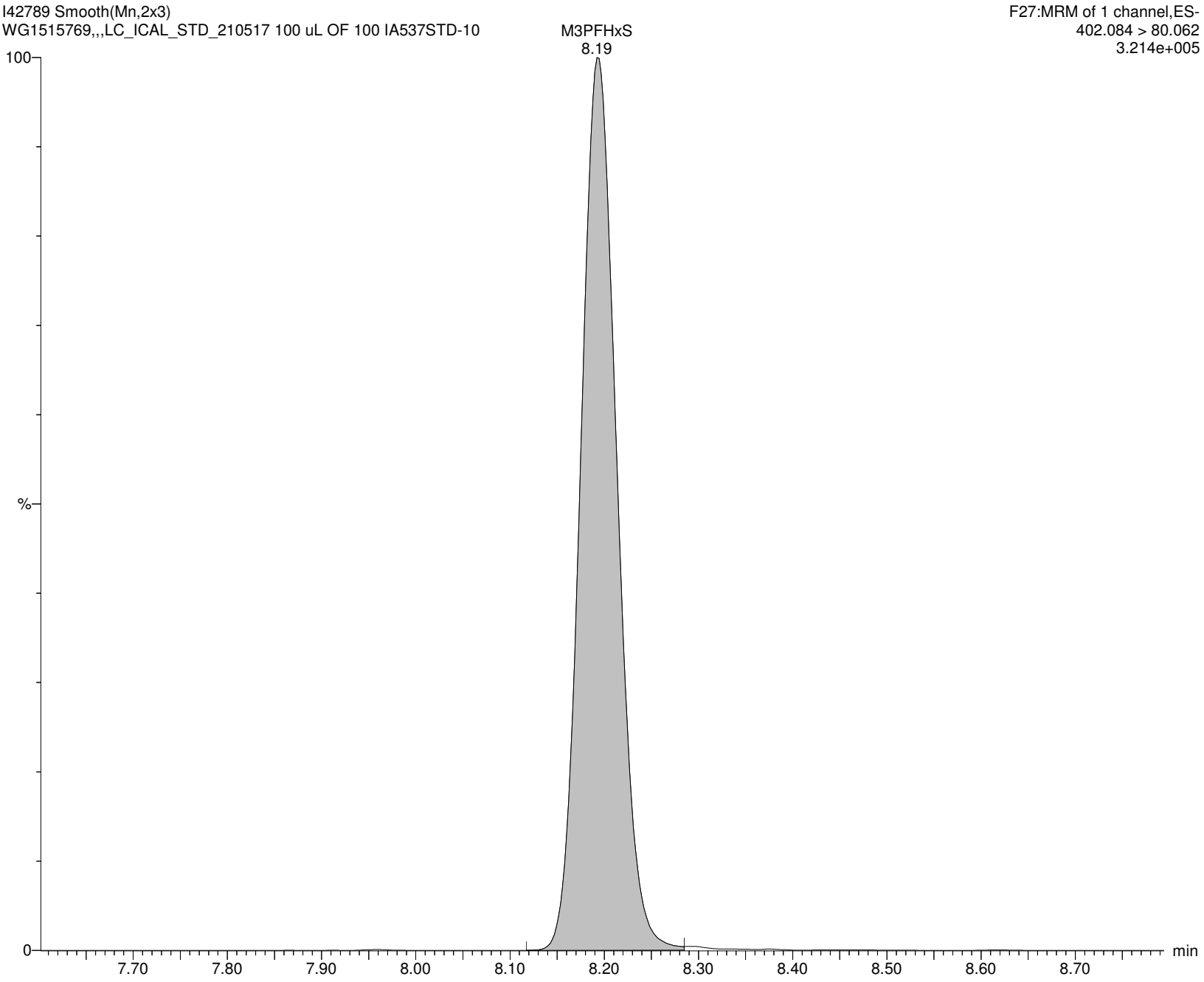


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFHxS

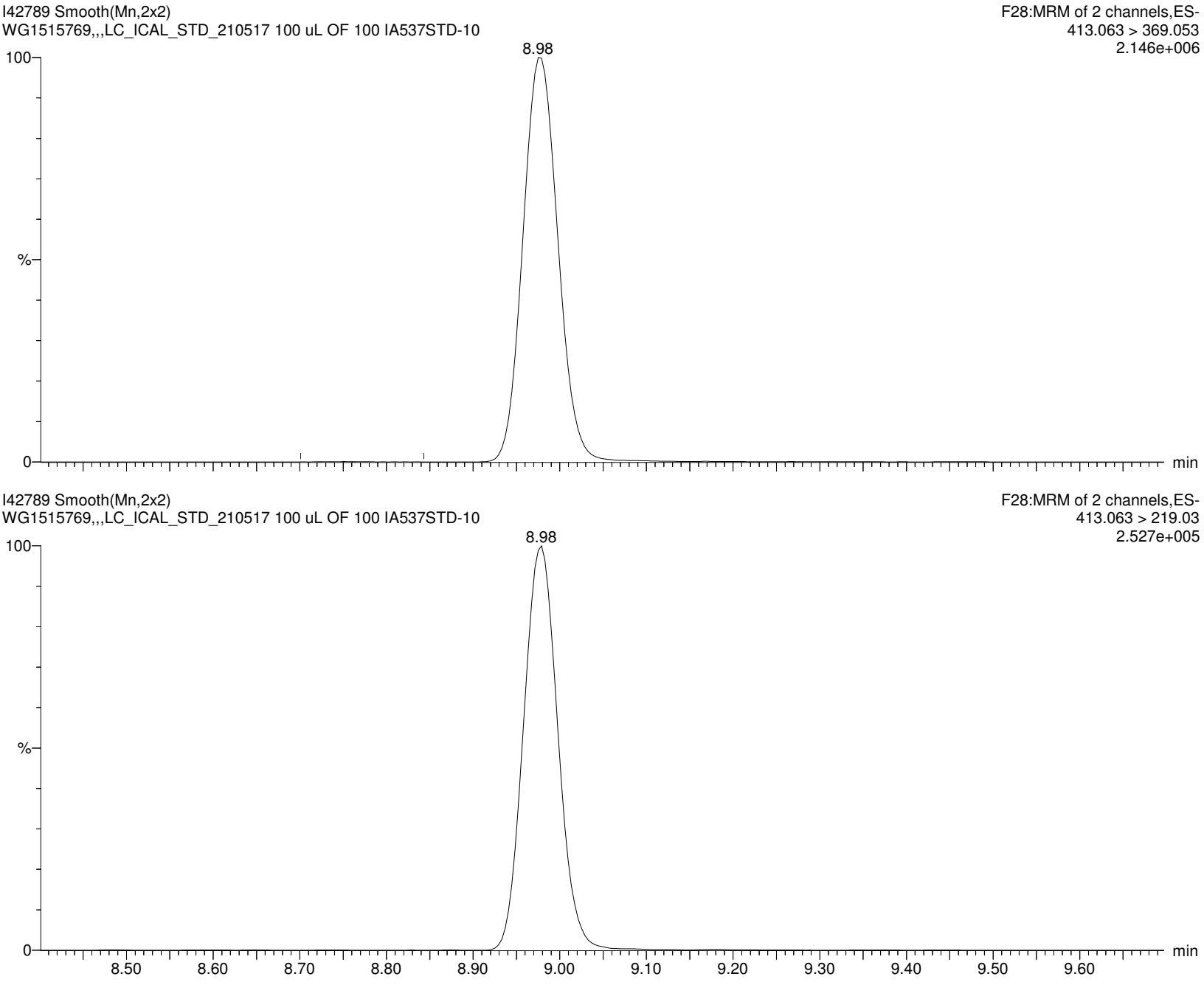


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOA

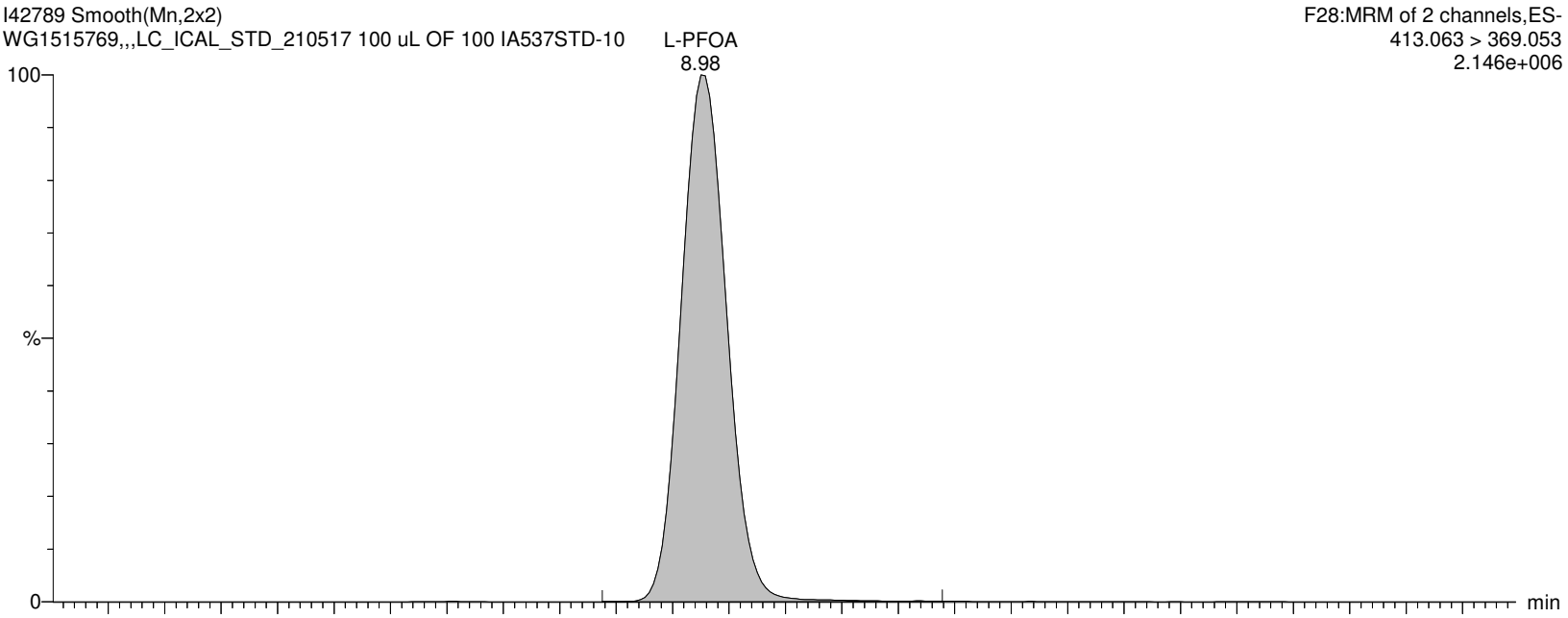


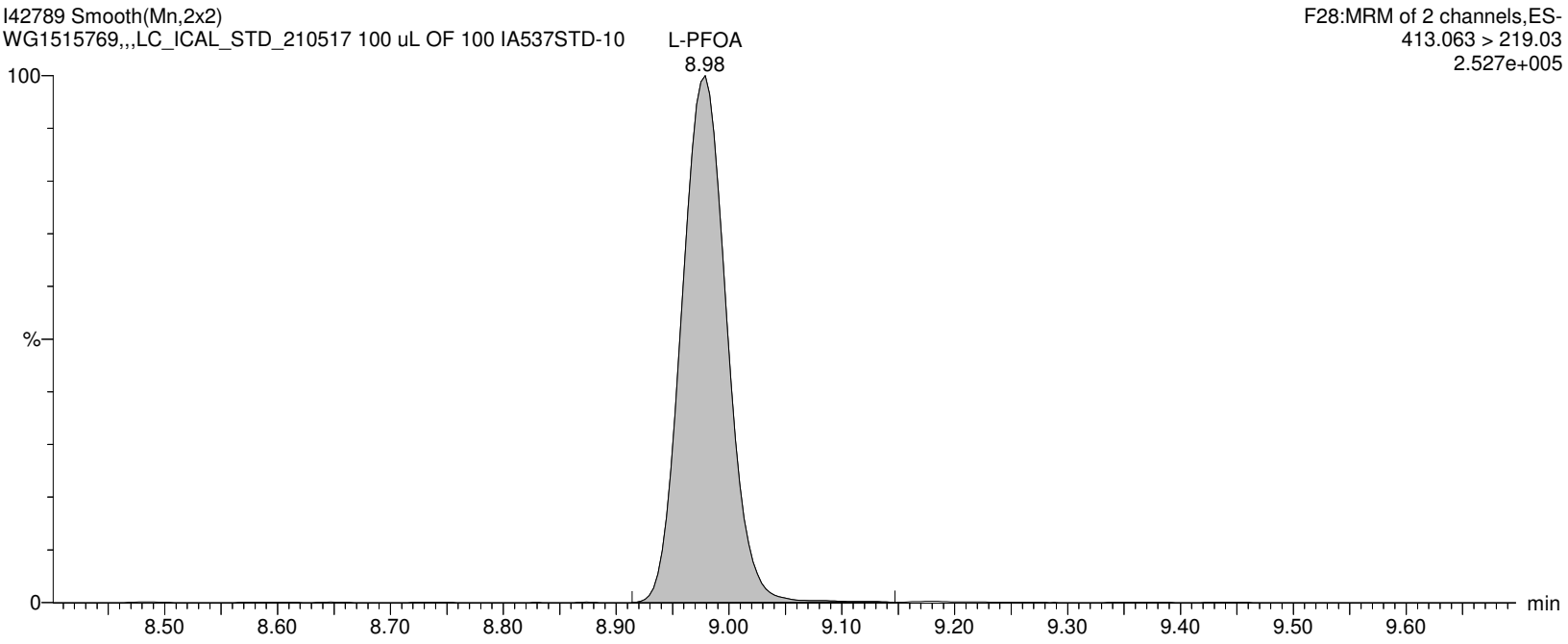
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOA



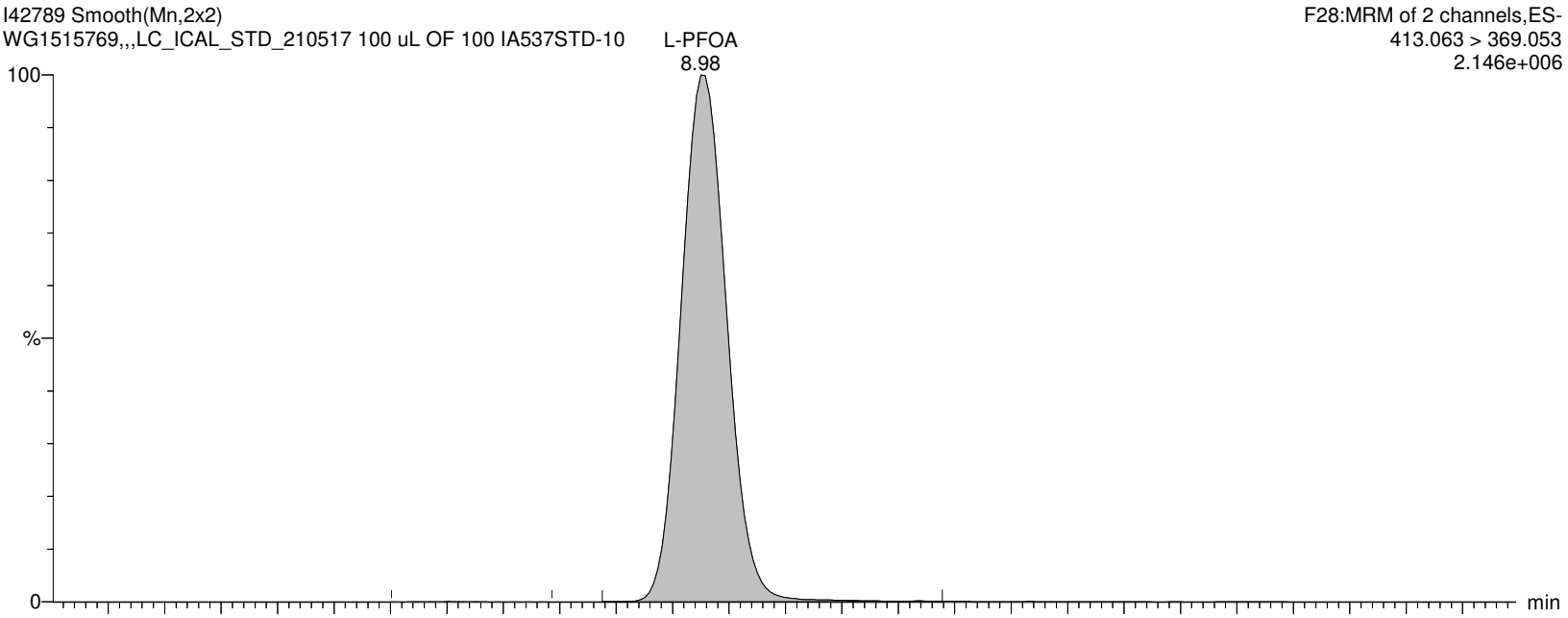


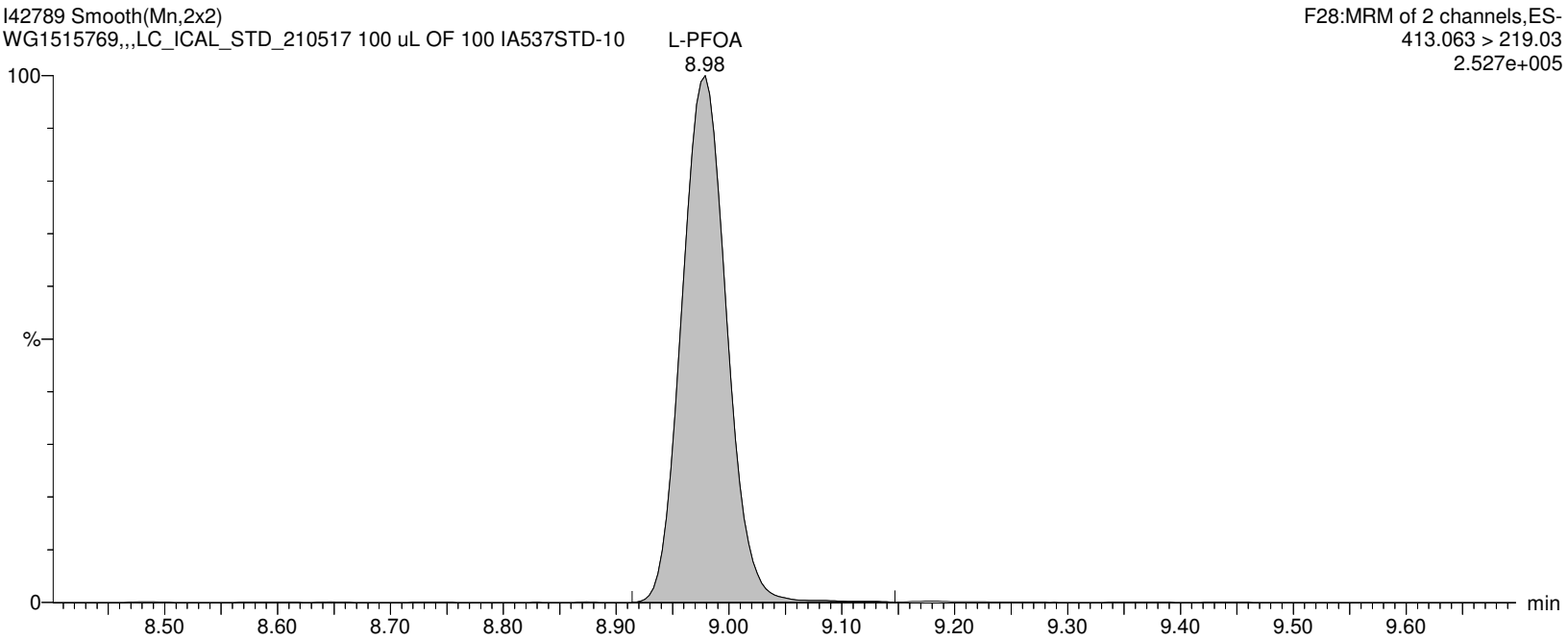
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOA



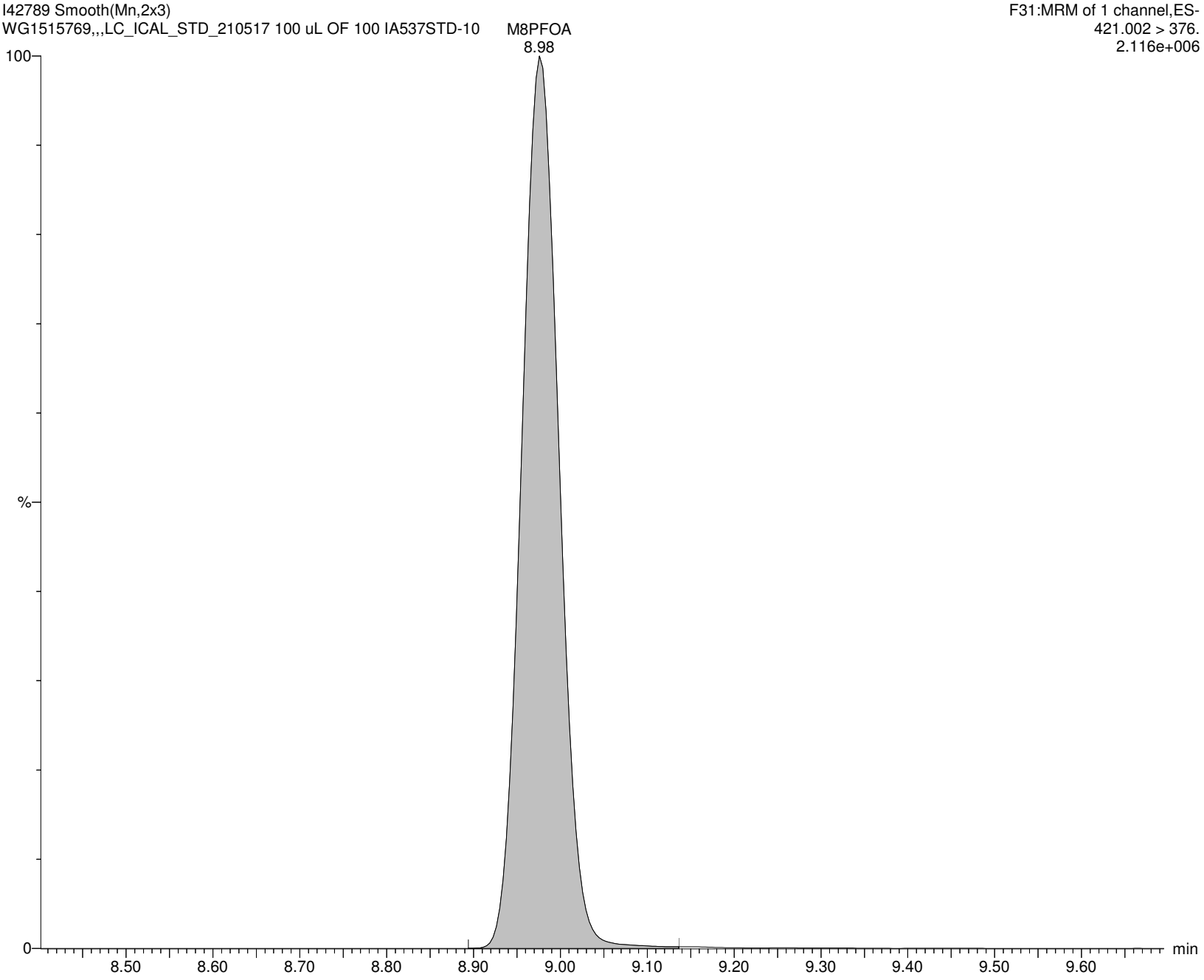


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOA

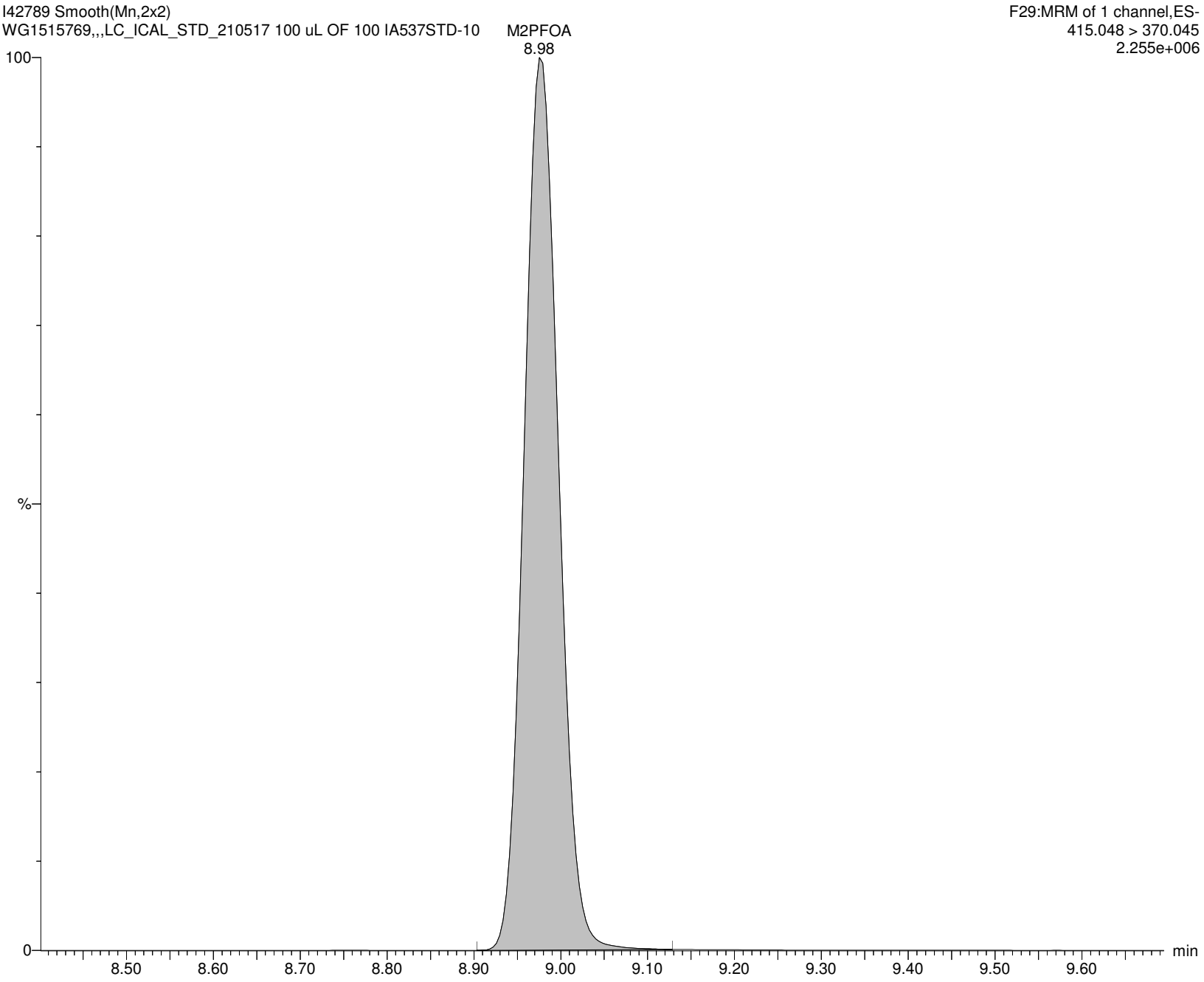


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFOA

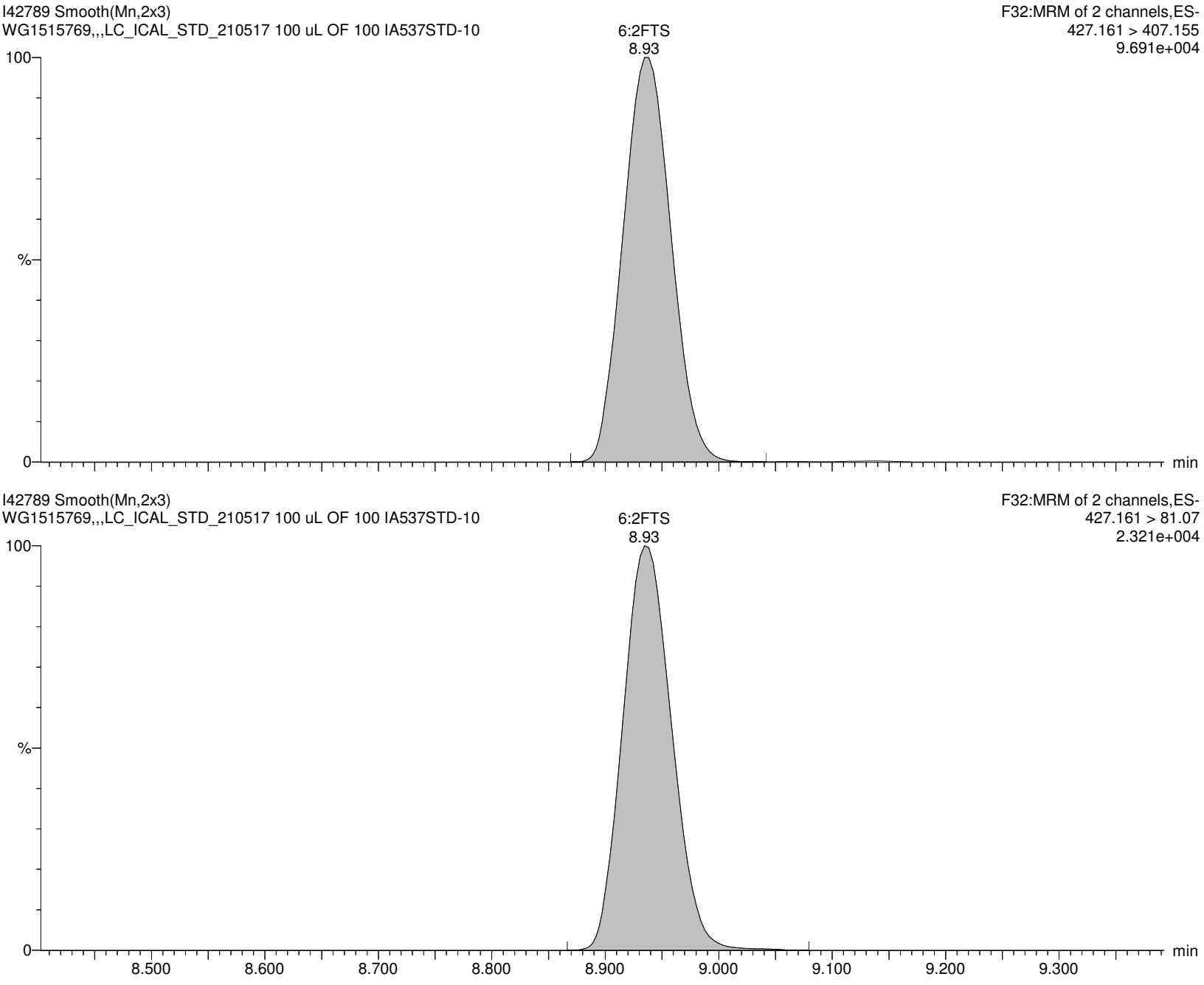


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

6:2FTS

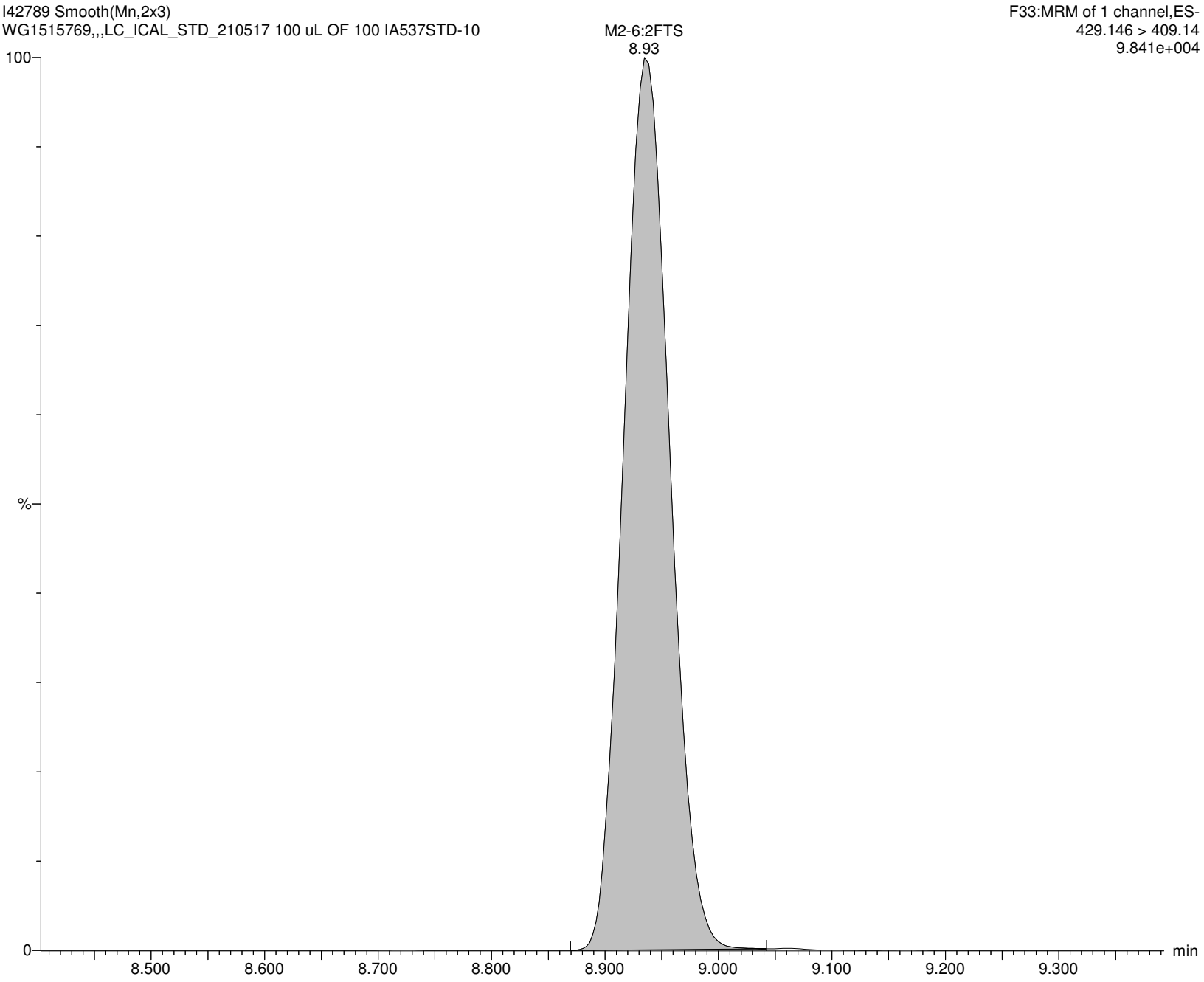


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-6:2FTS

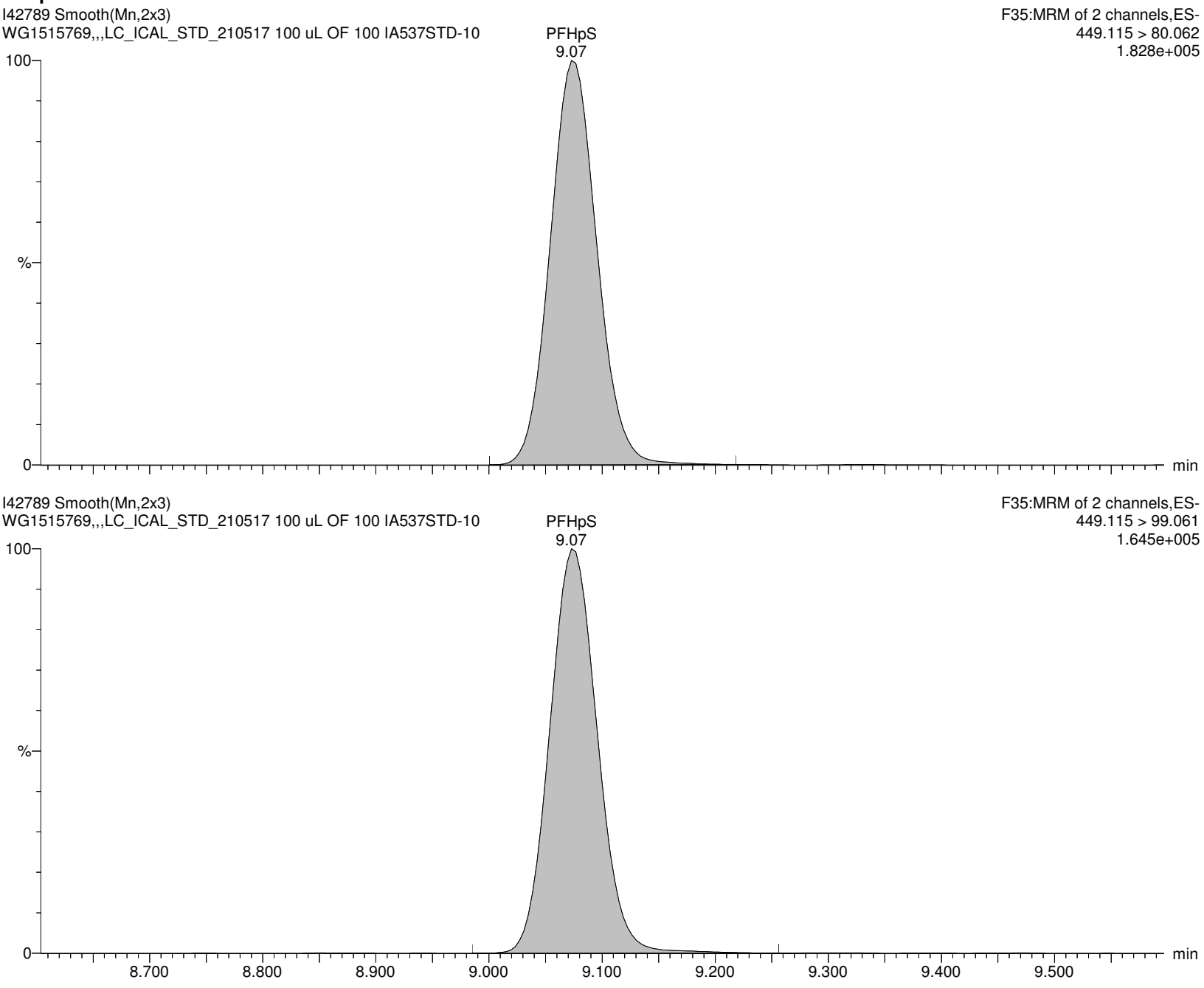


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpS

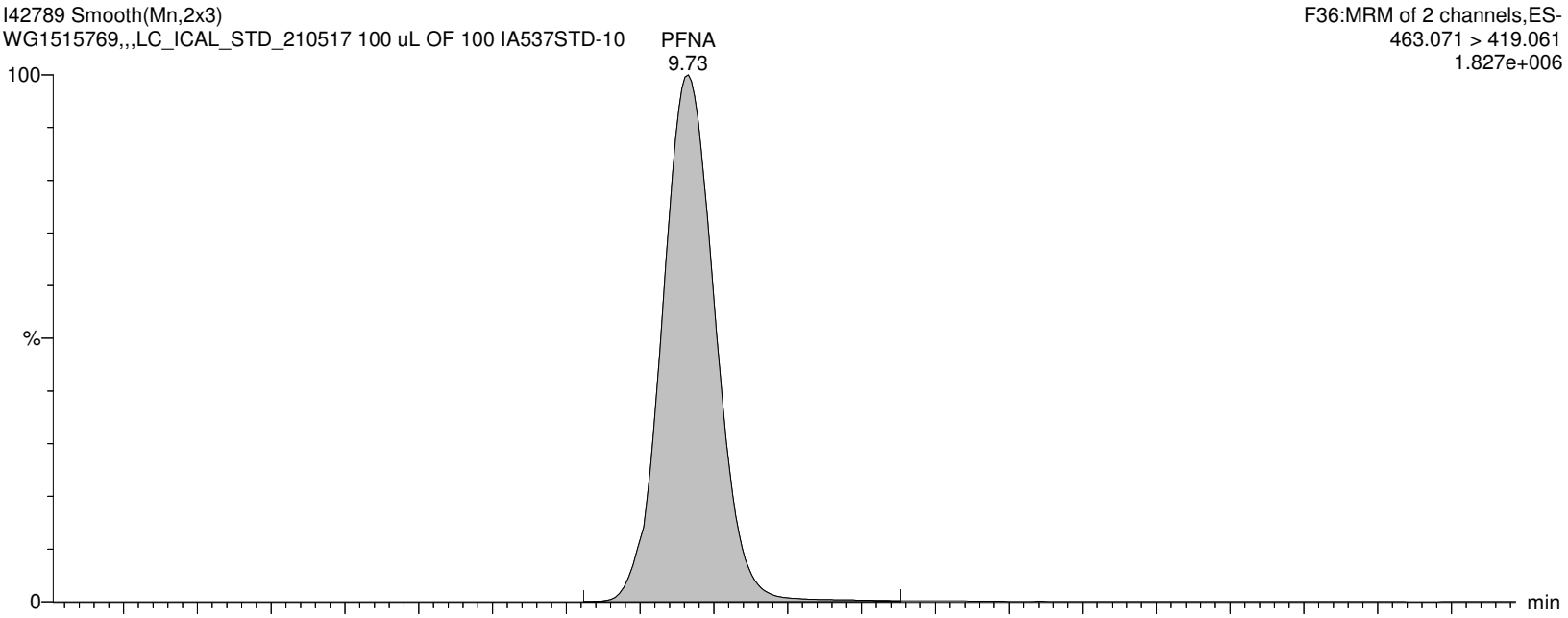


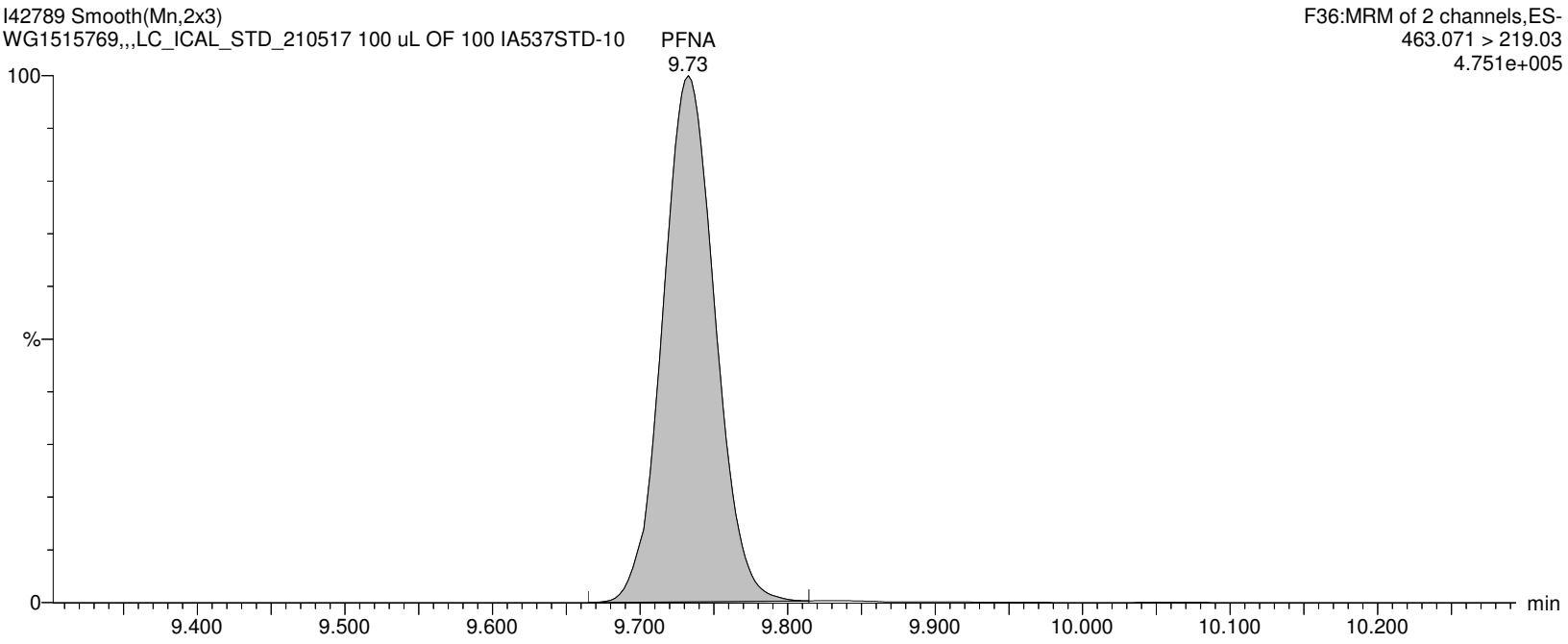
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNA



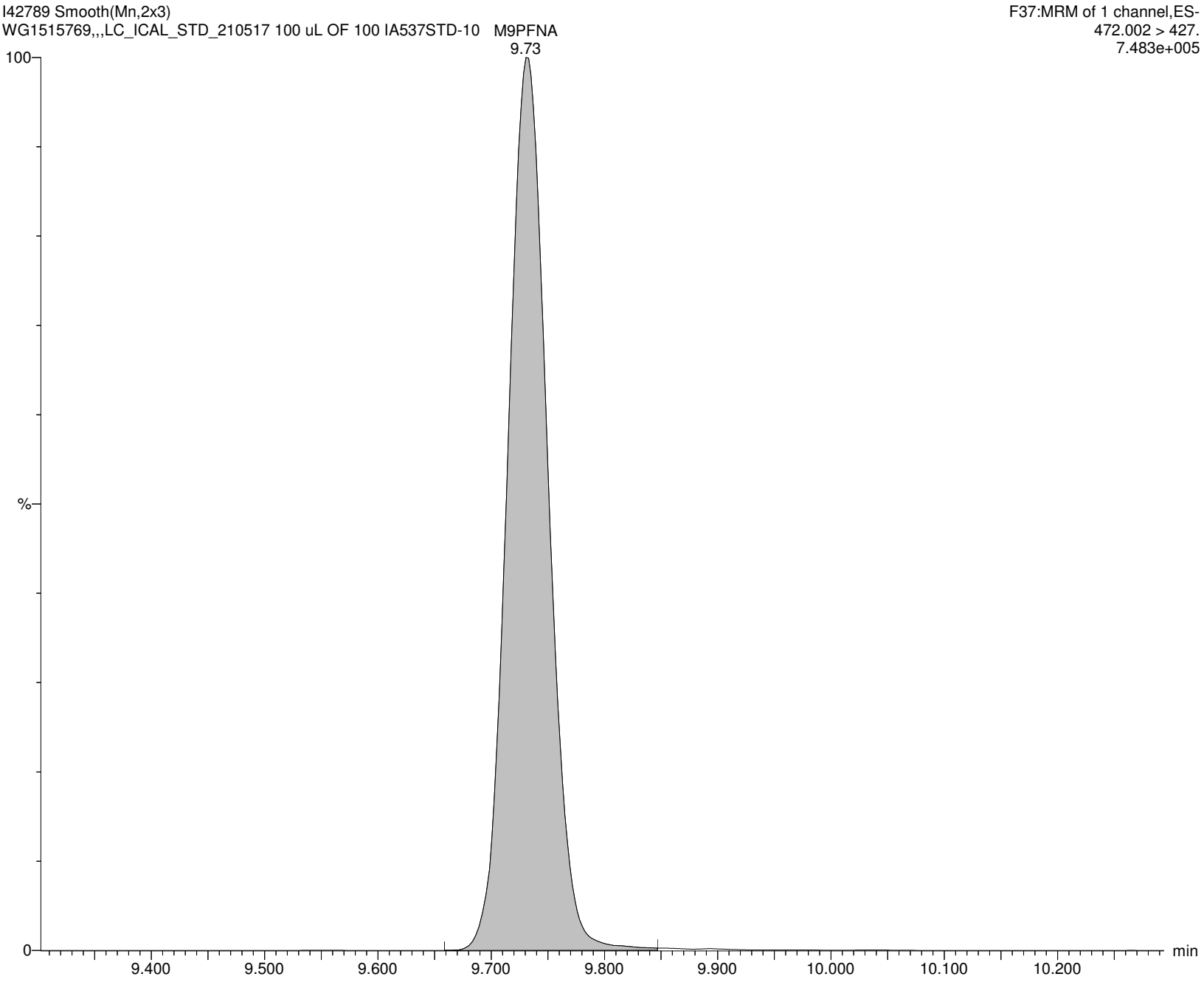


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M9PFNA

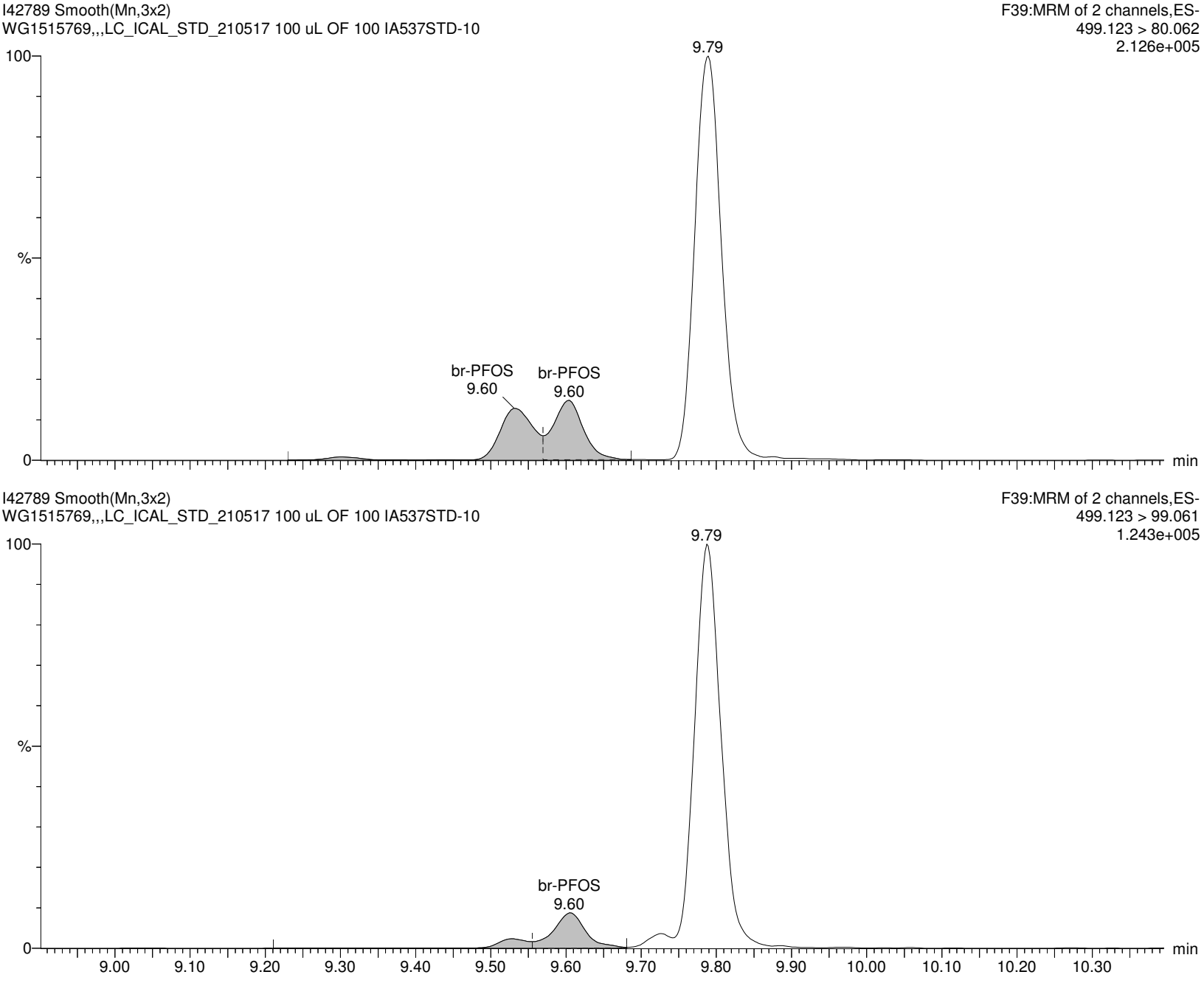


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOS

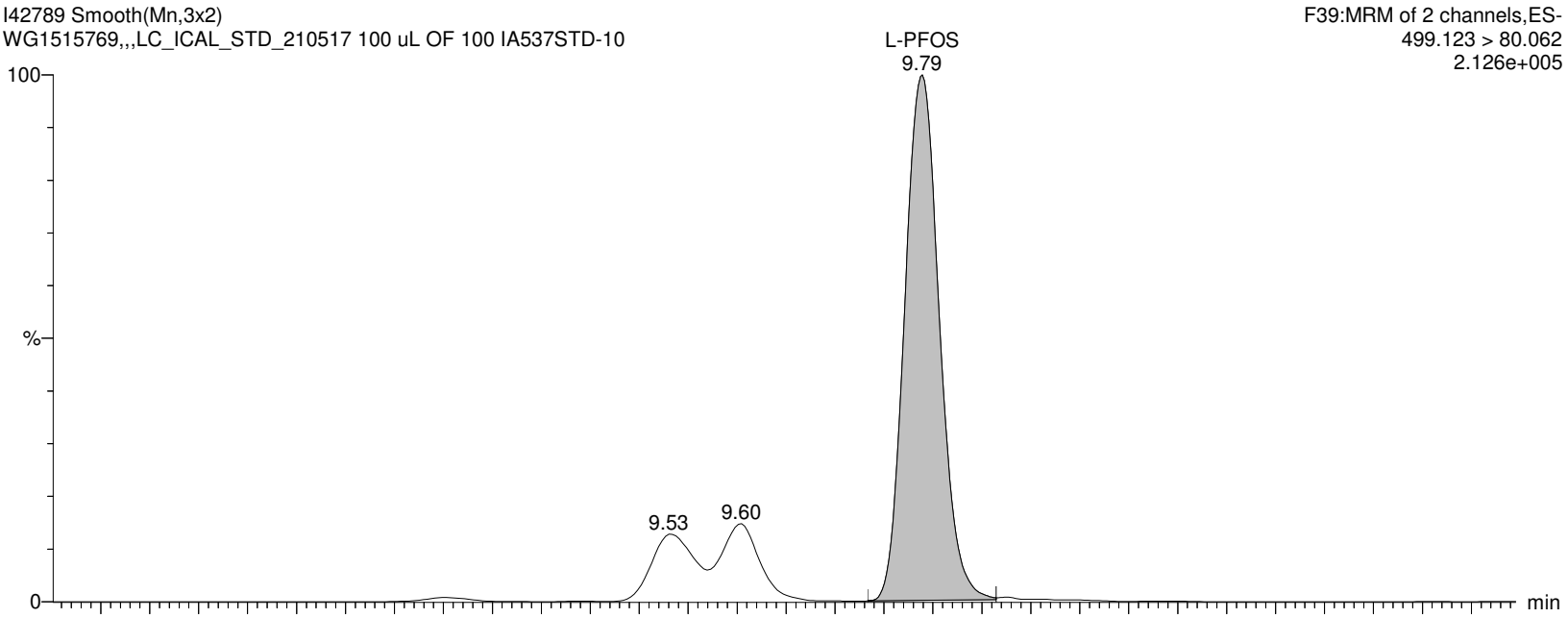


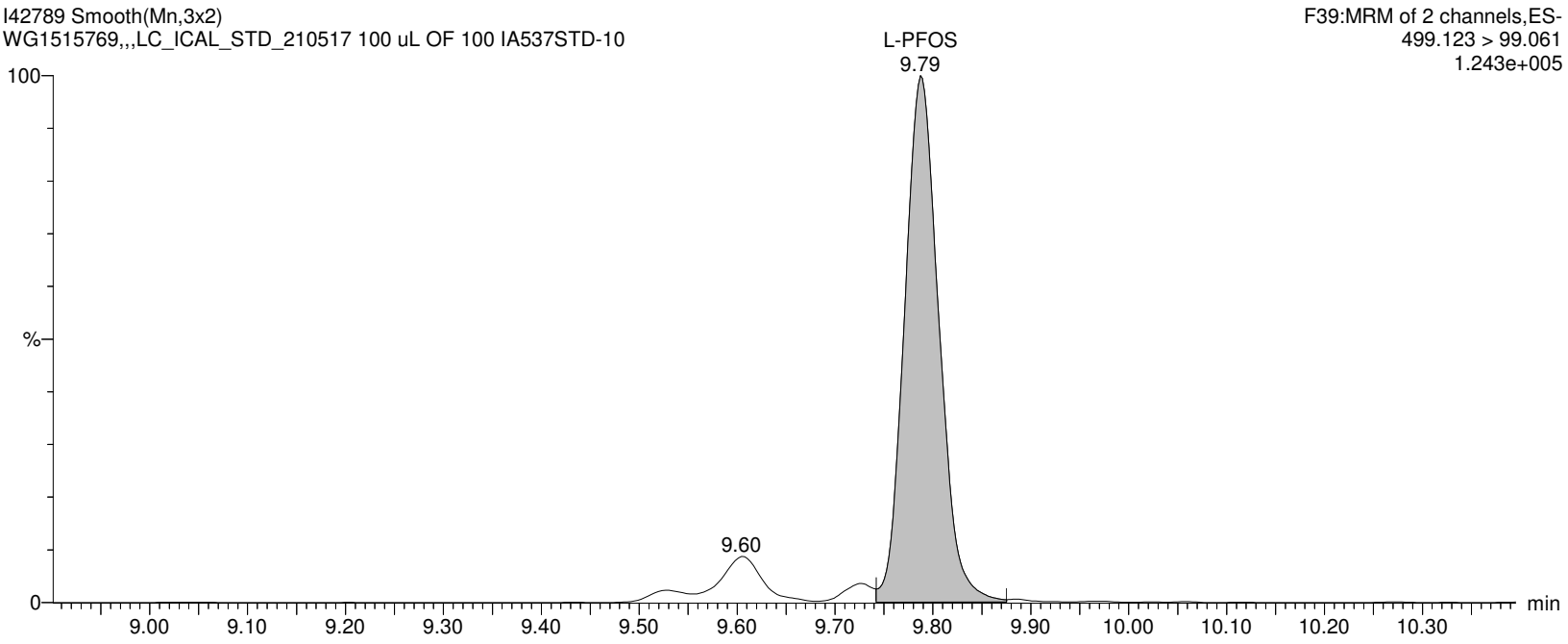
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOS



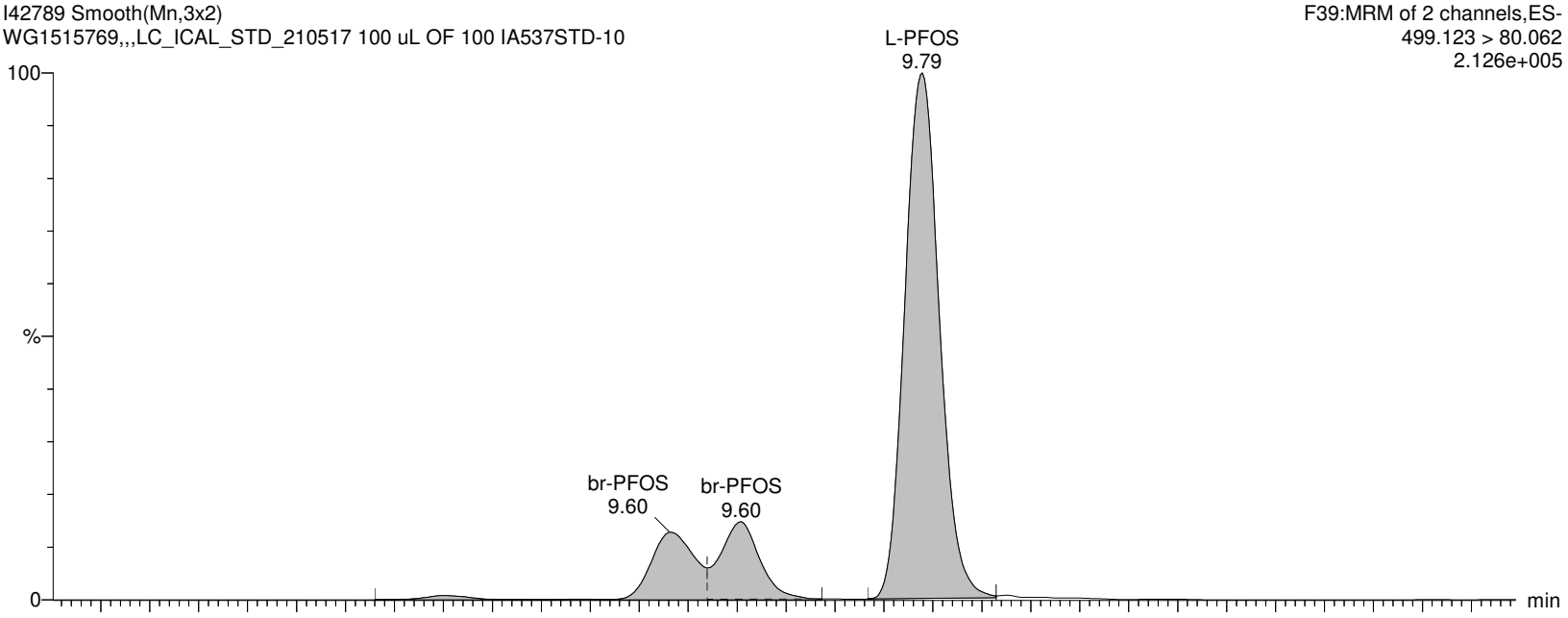


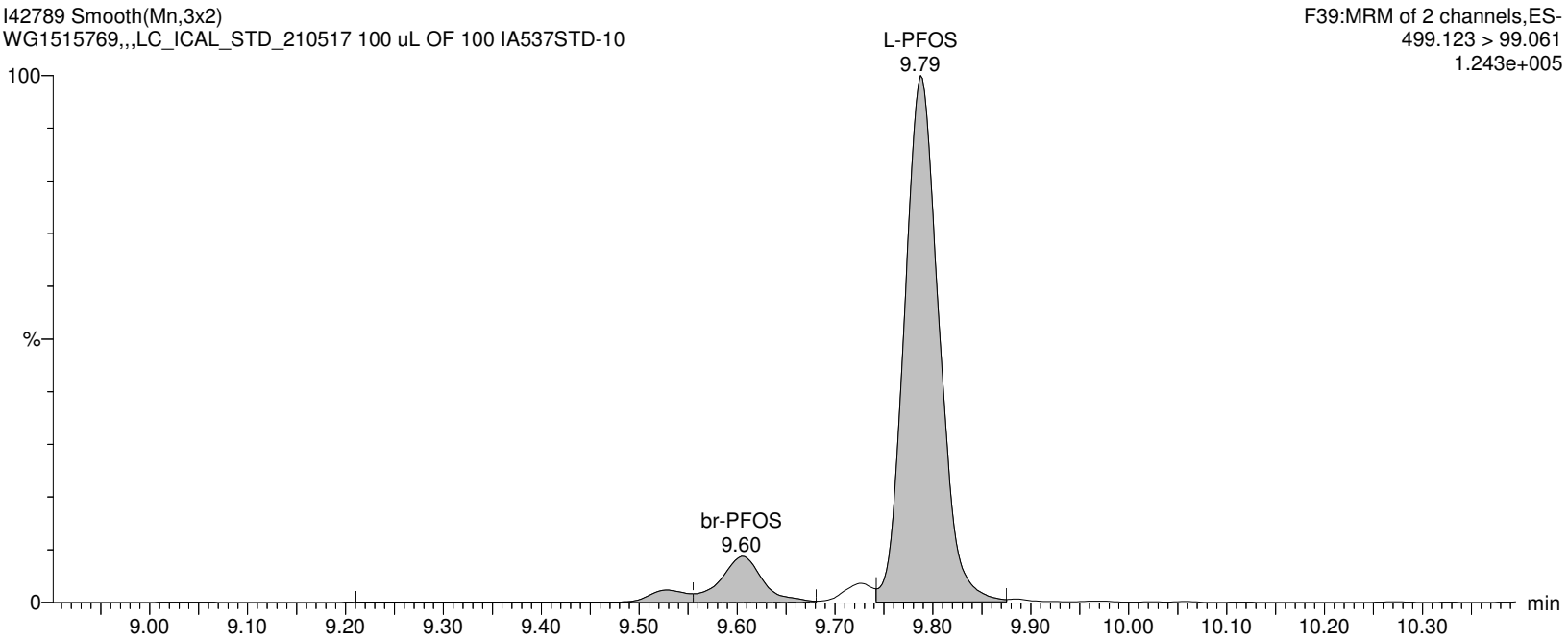
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOS



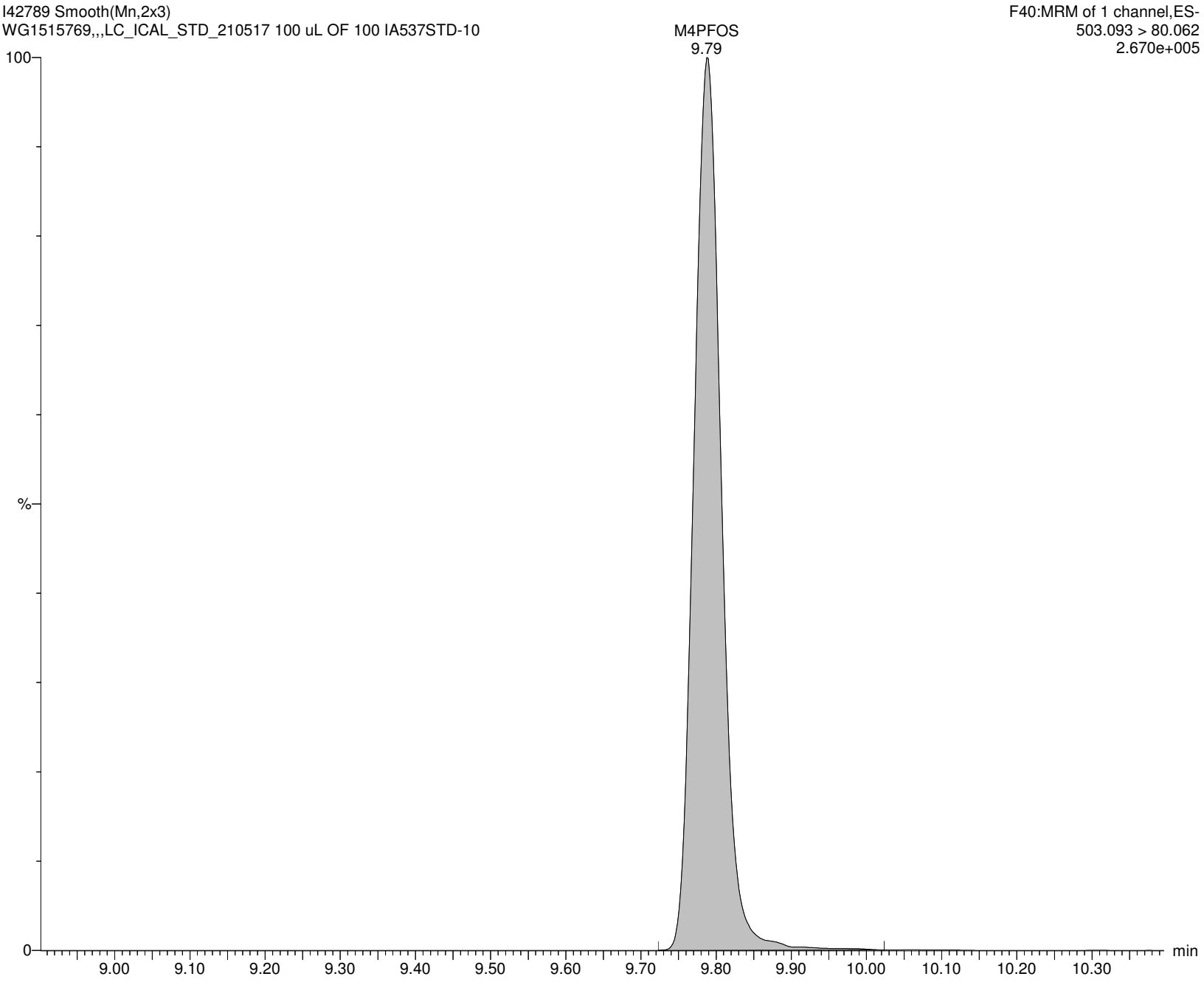


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOS

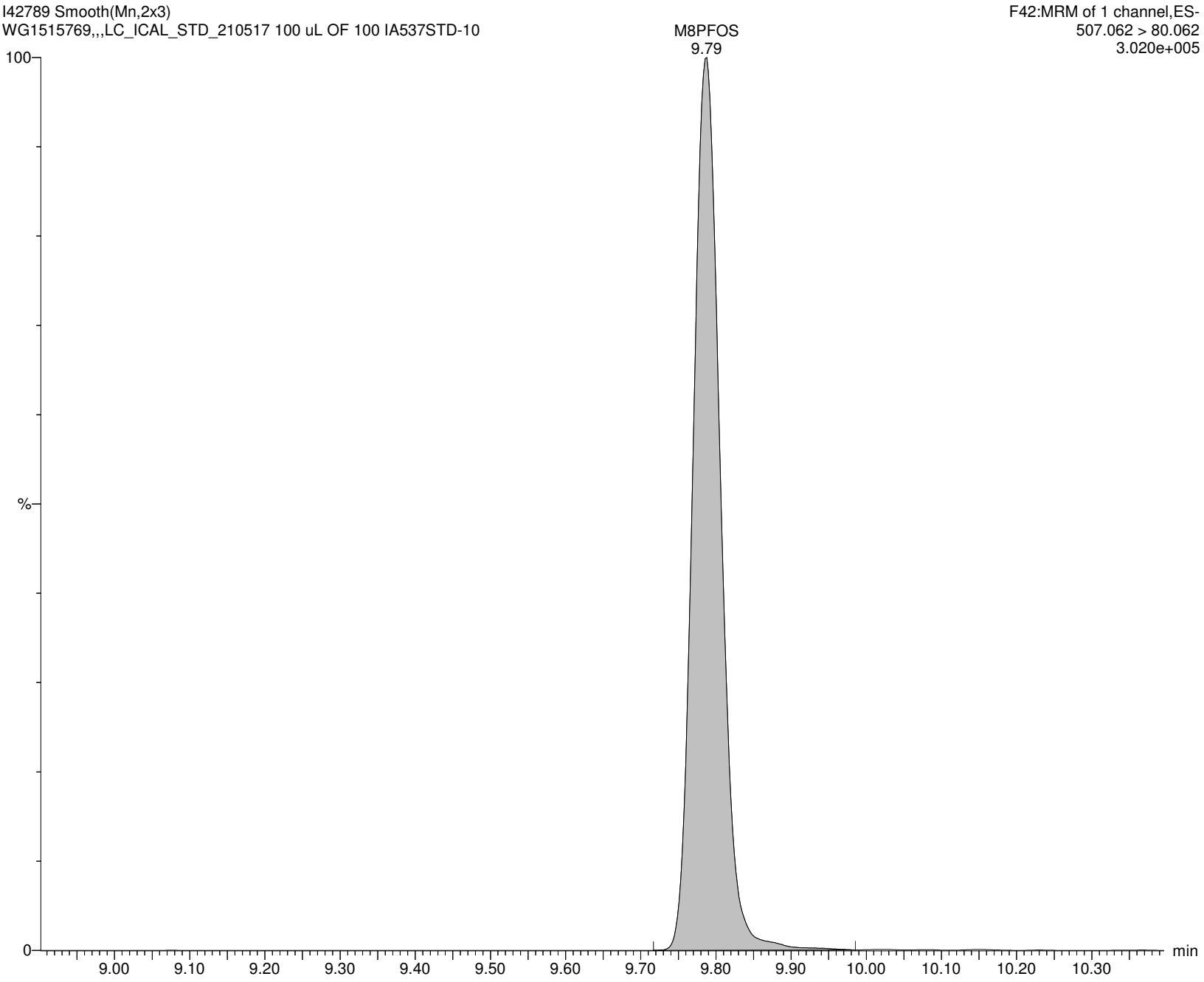


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOS

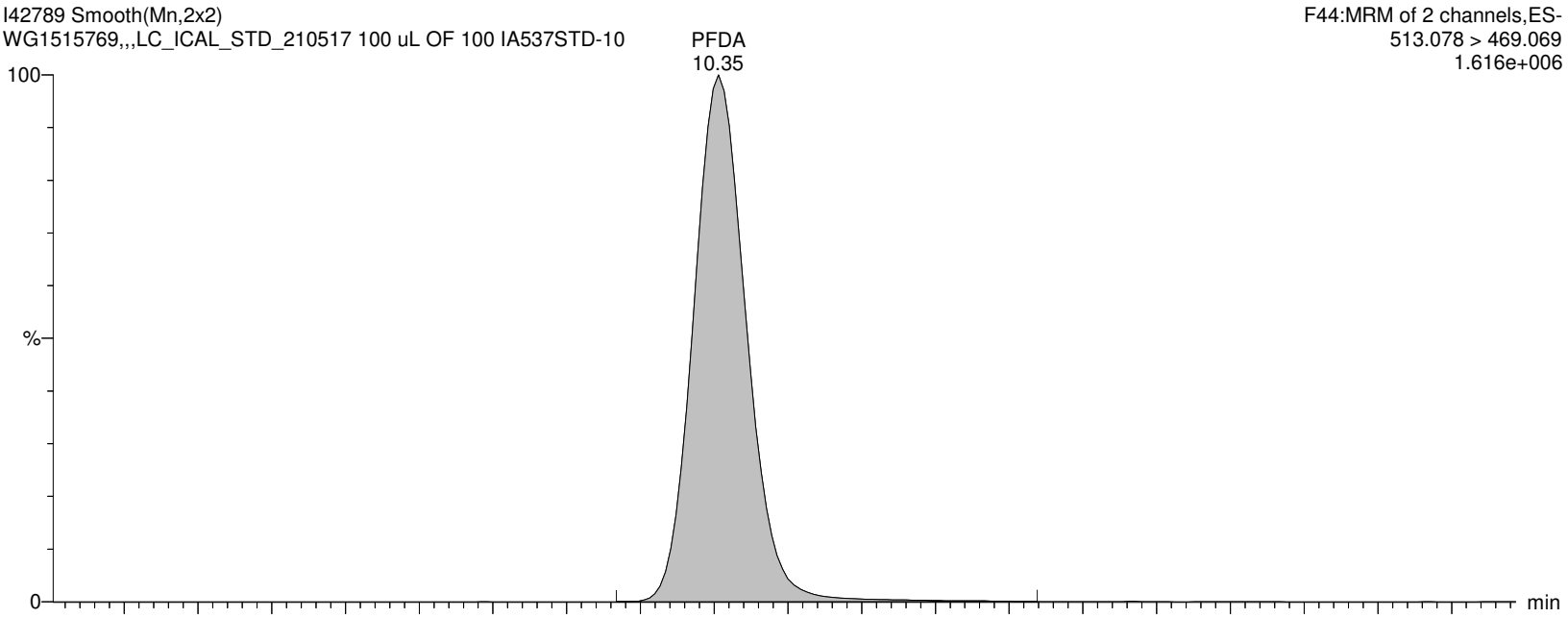


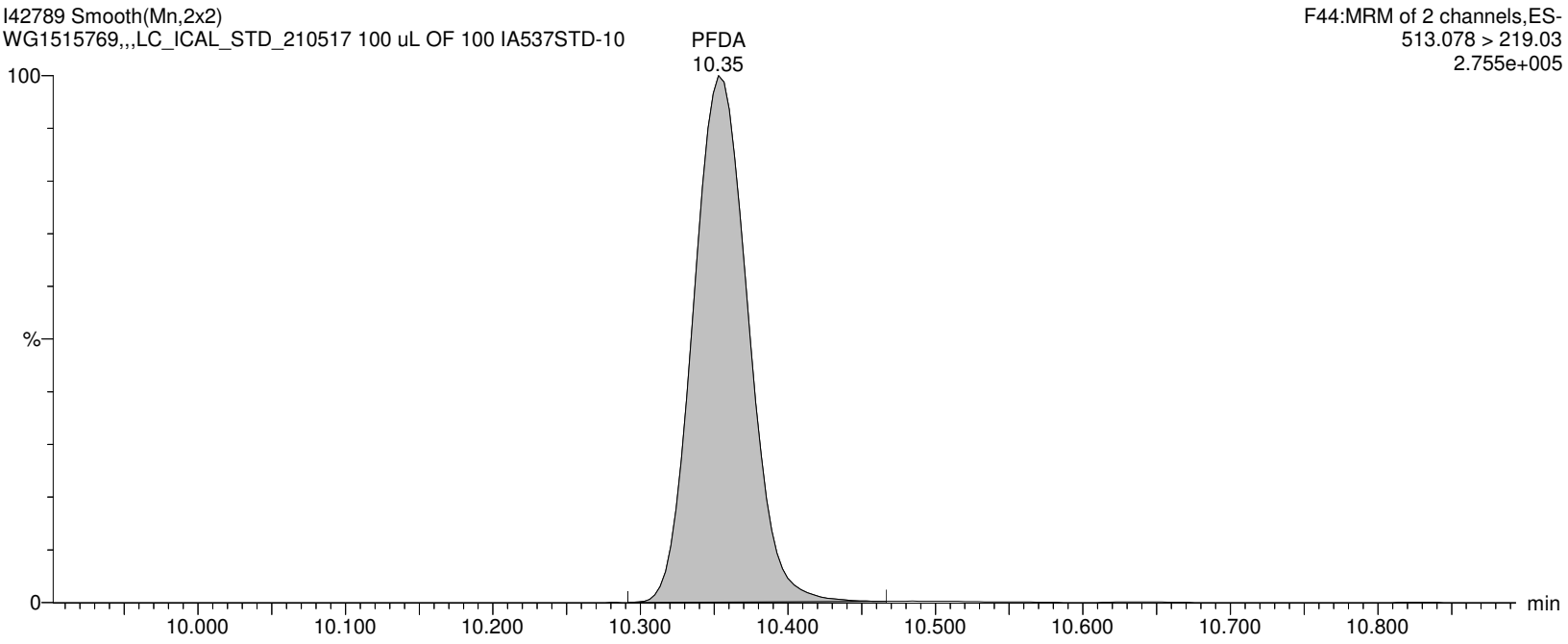
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDA



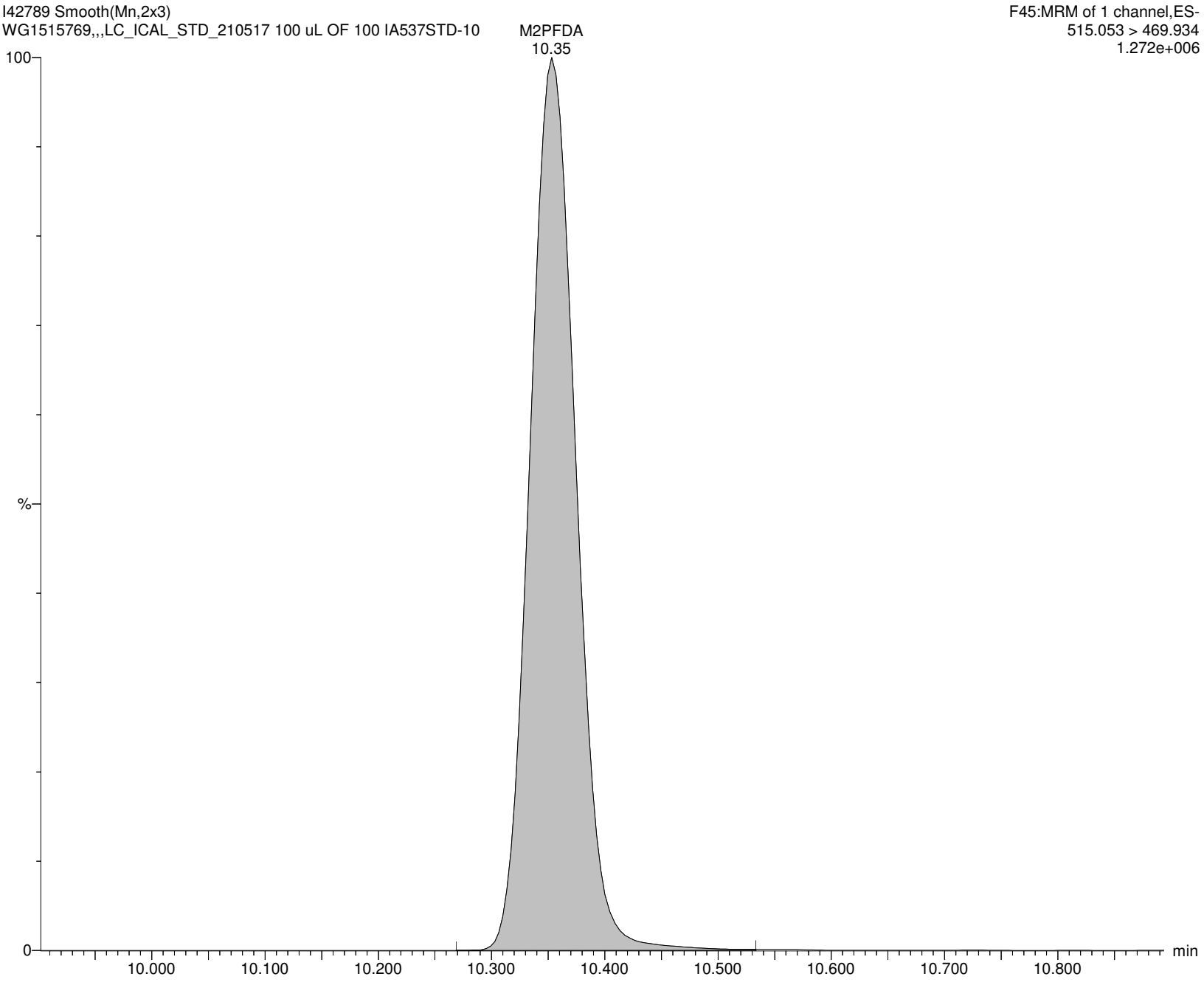


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFDA

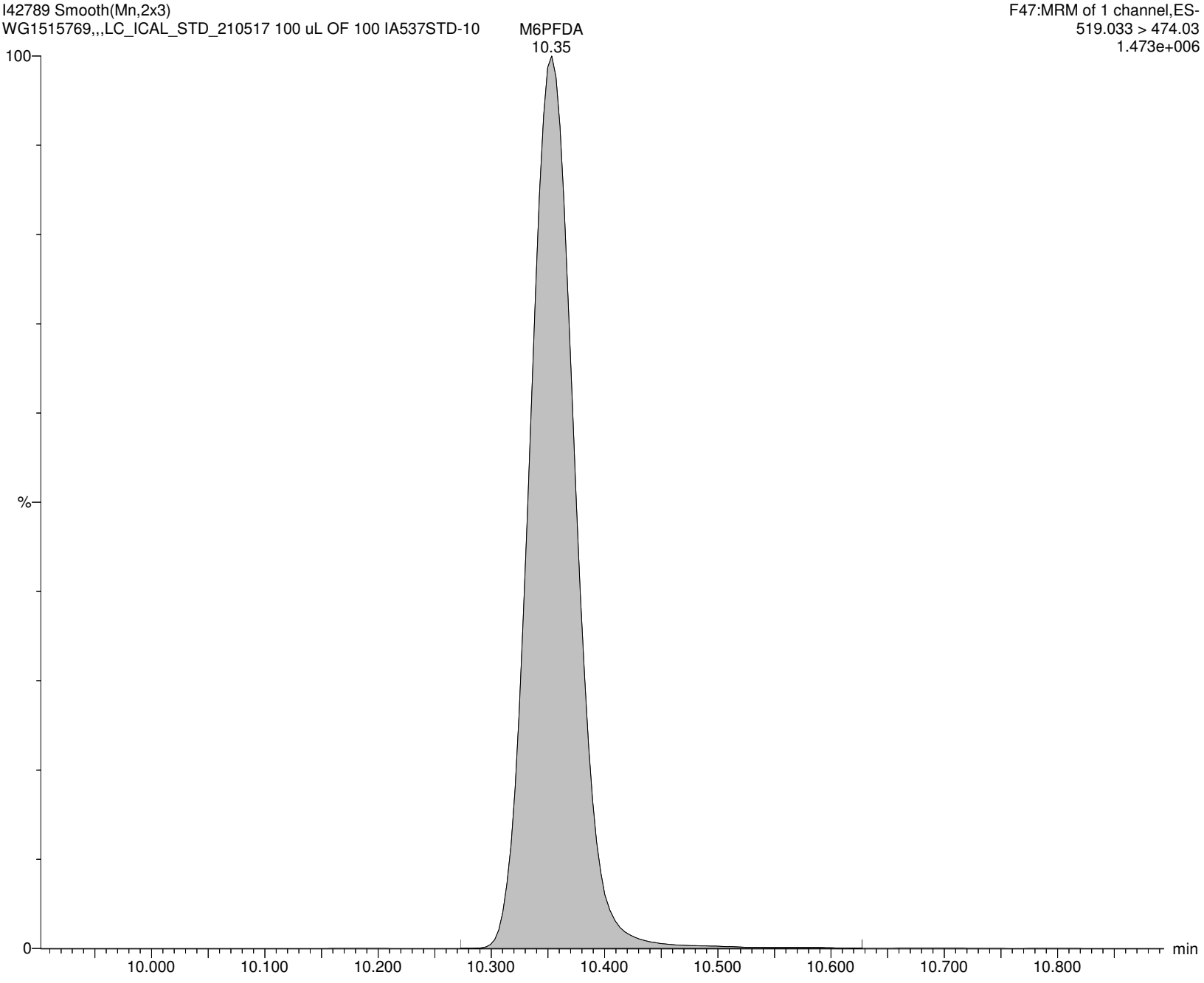


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M6PFDA

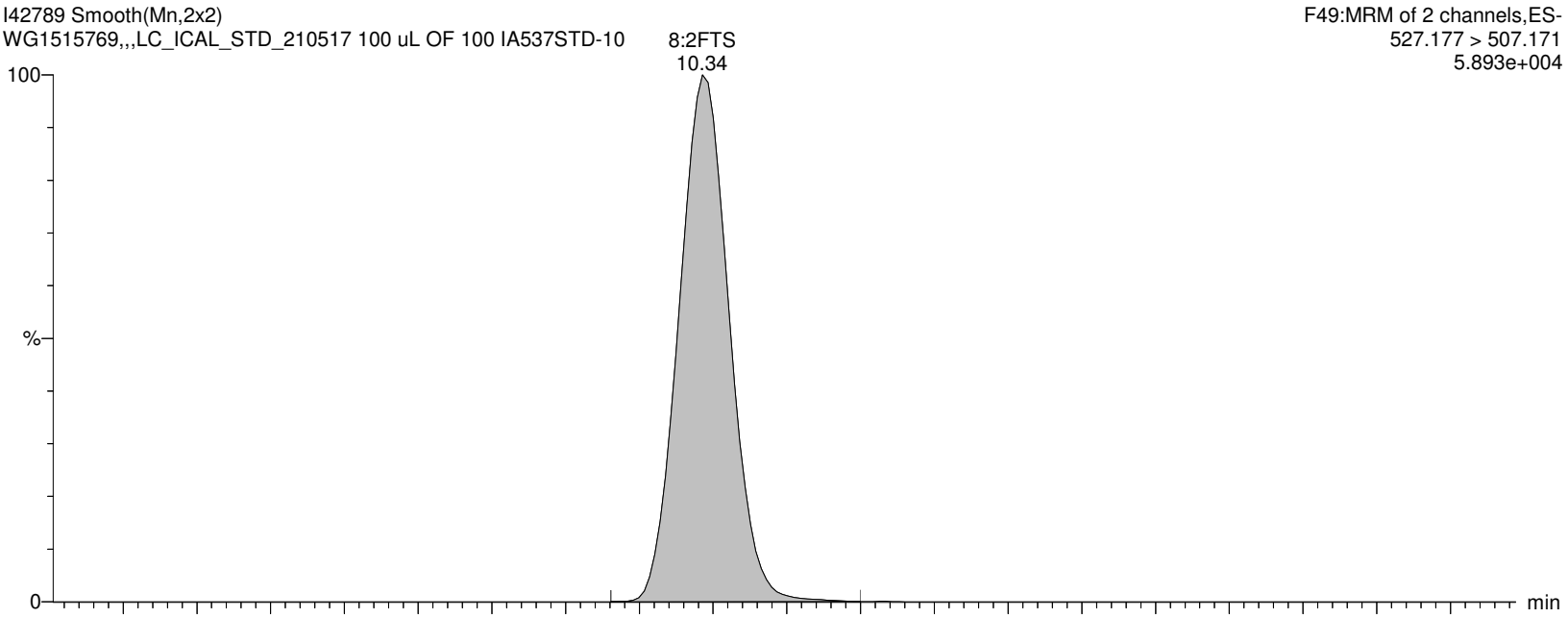


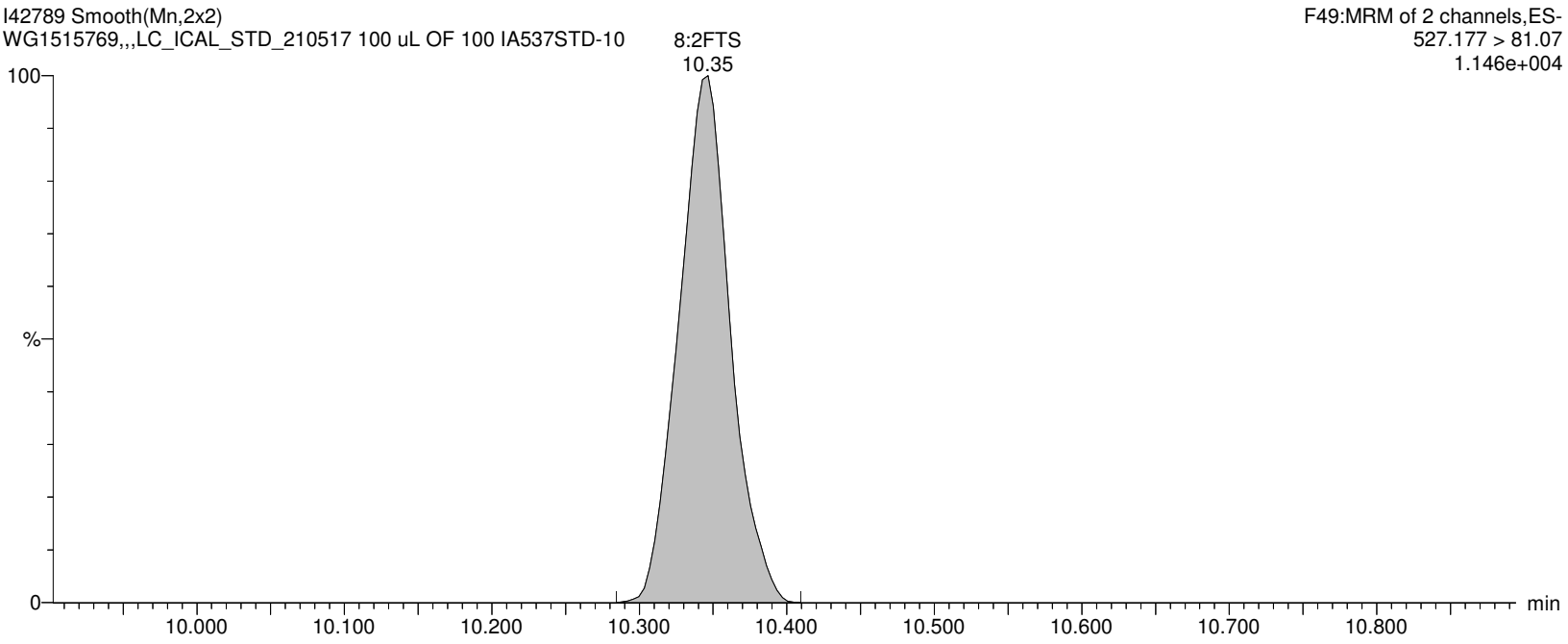
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

8:2FTS



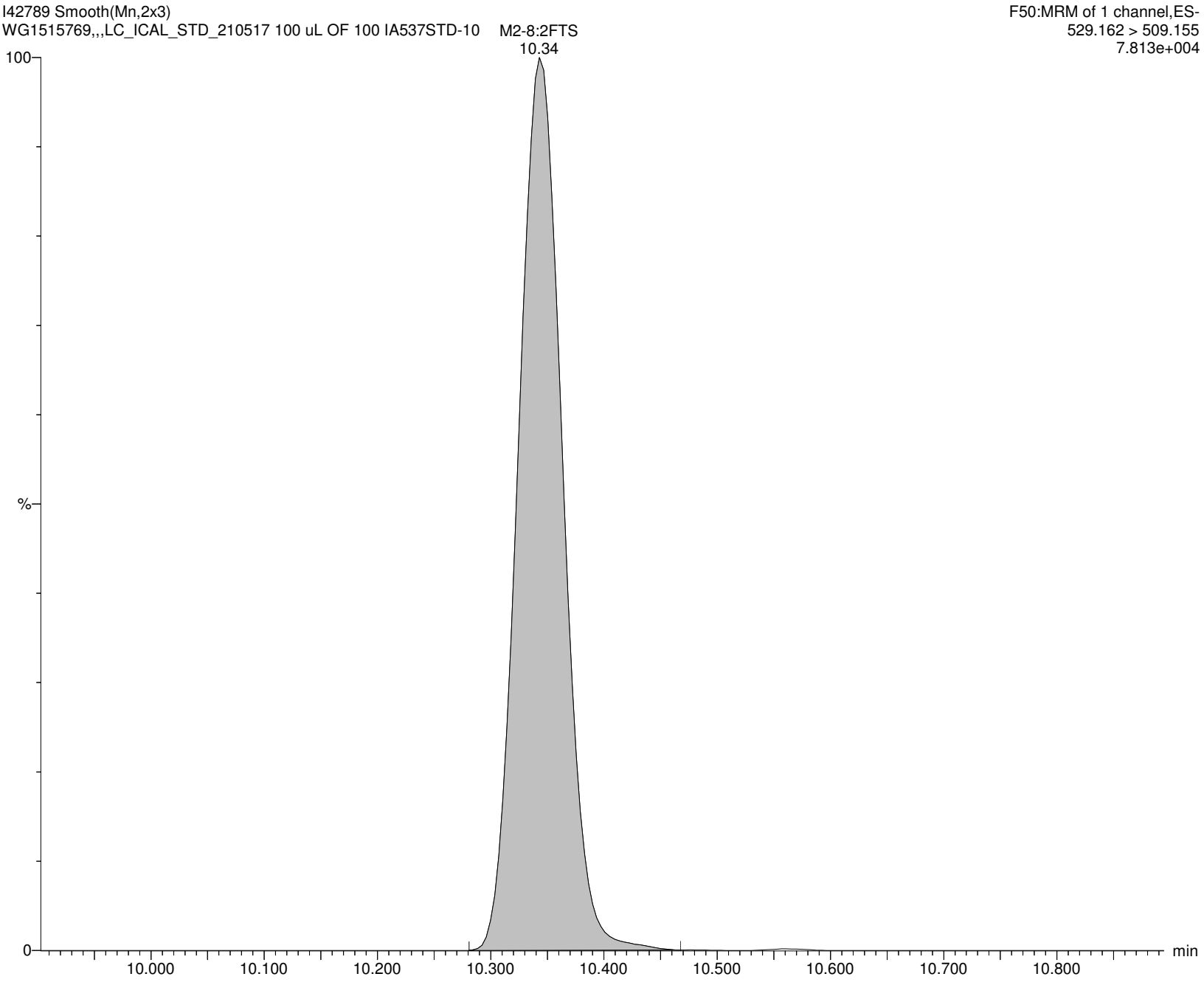


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-8:2FTS

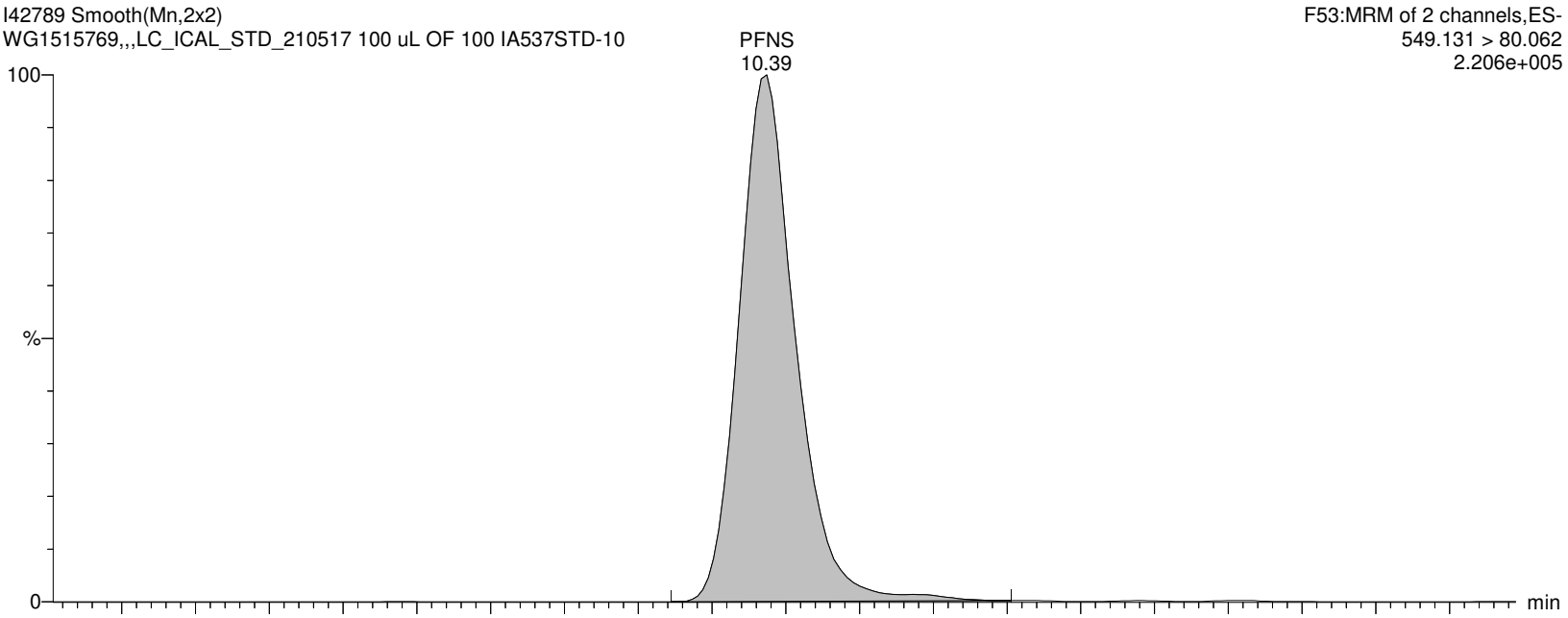


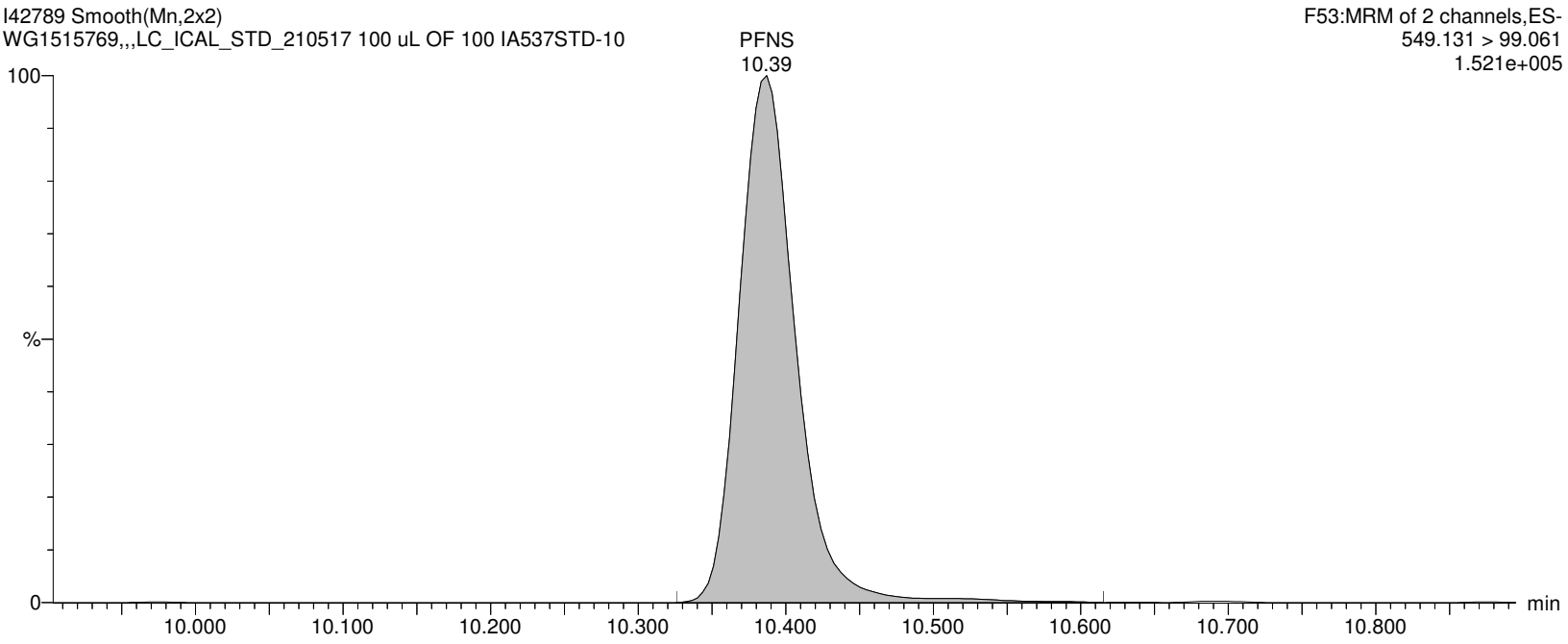
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNS



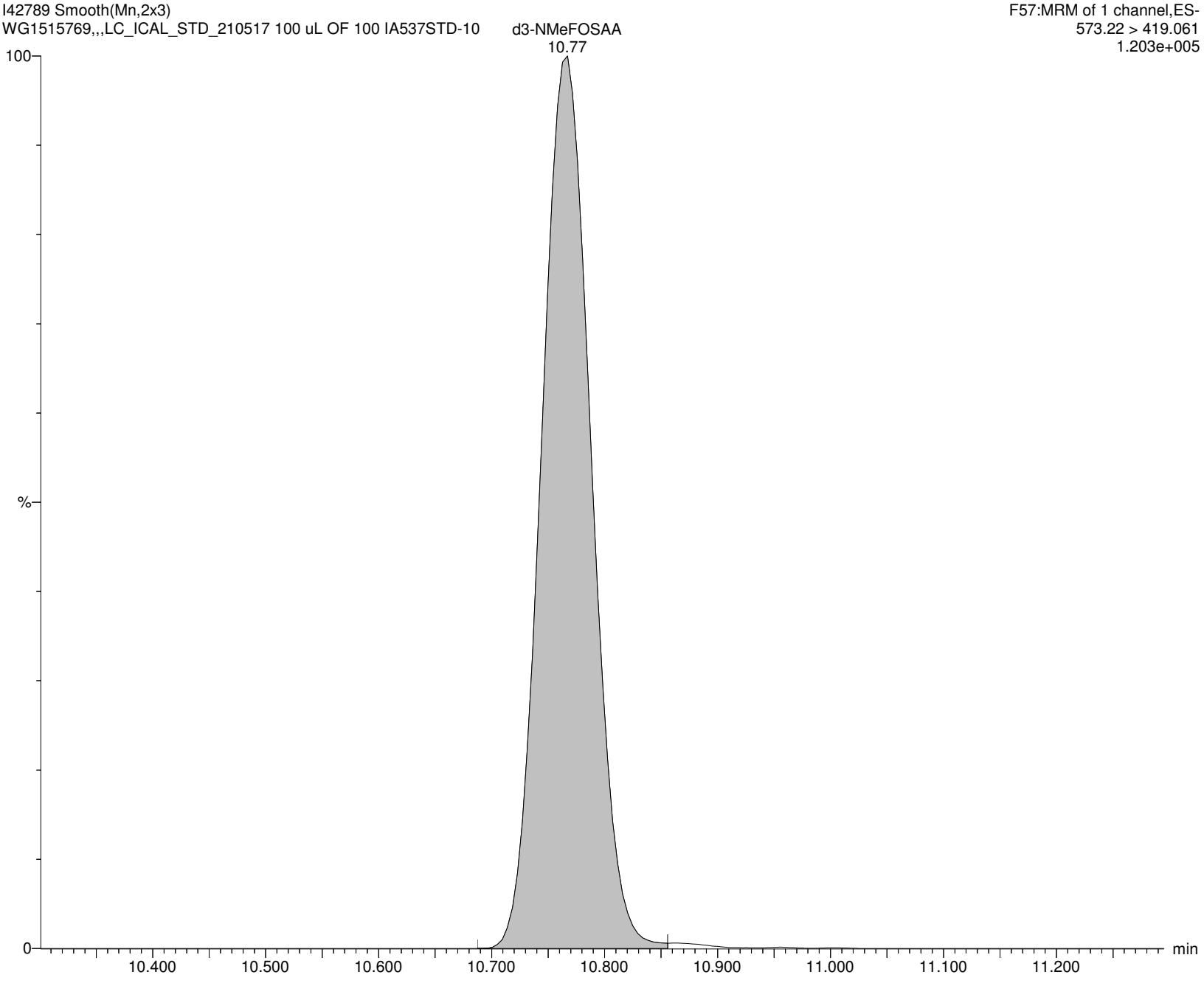


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSAA

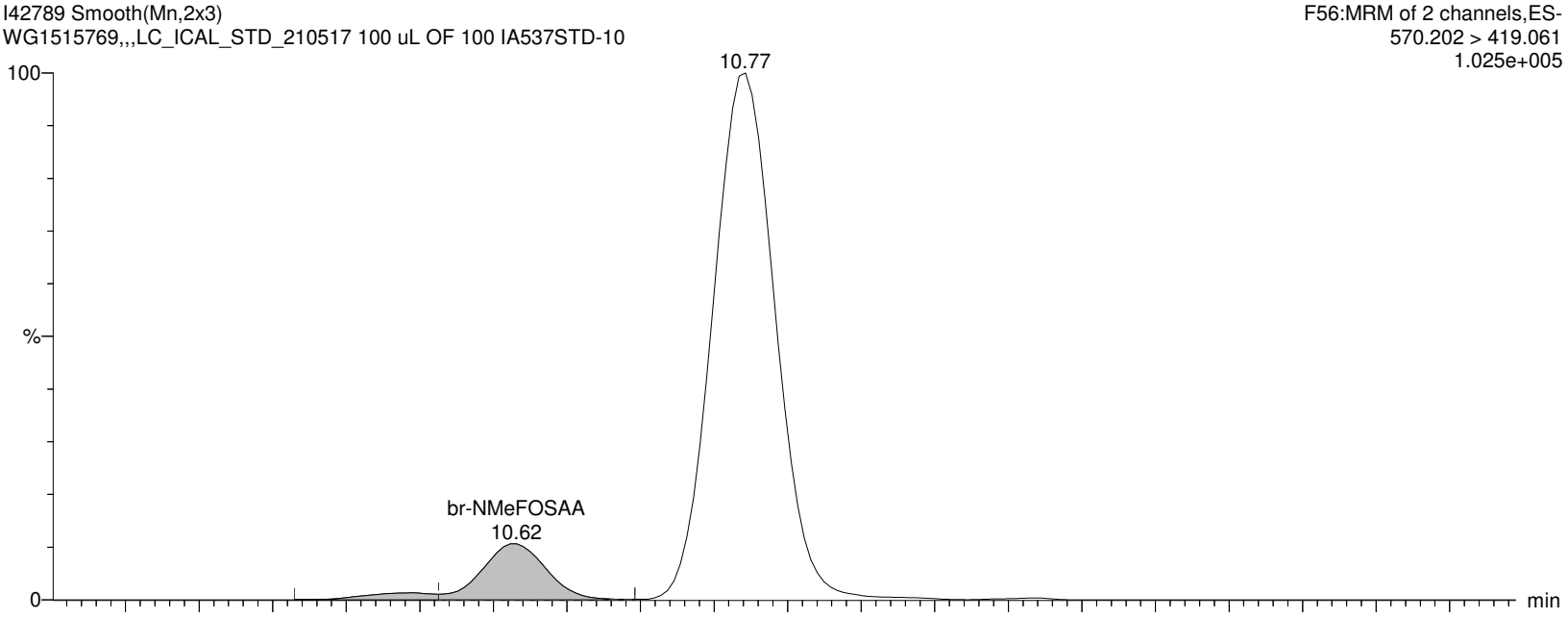


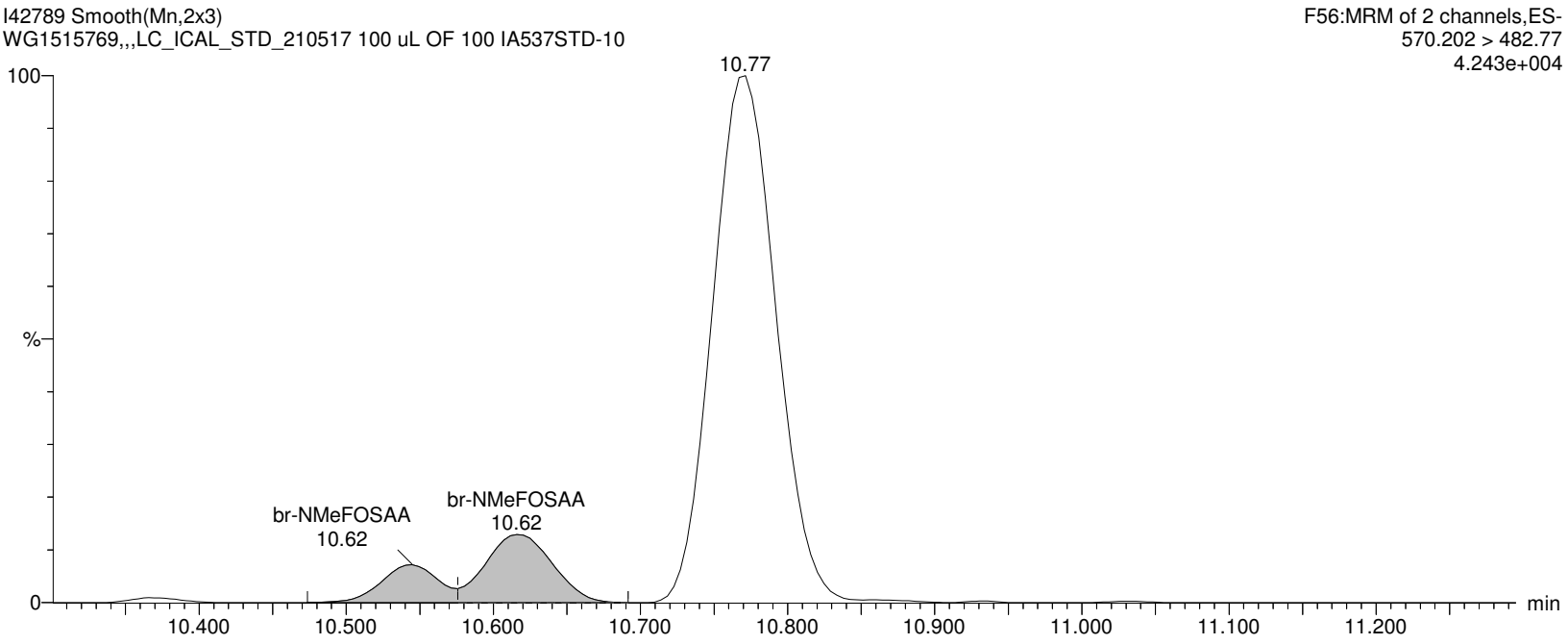
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NMeFOSAA



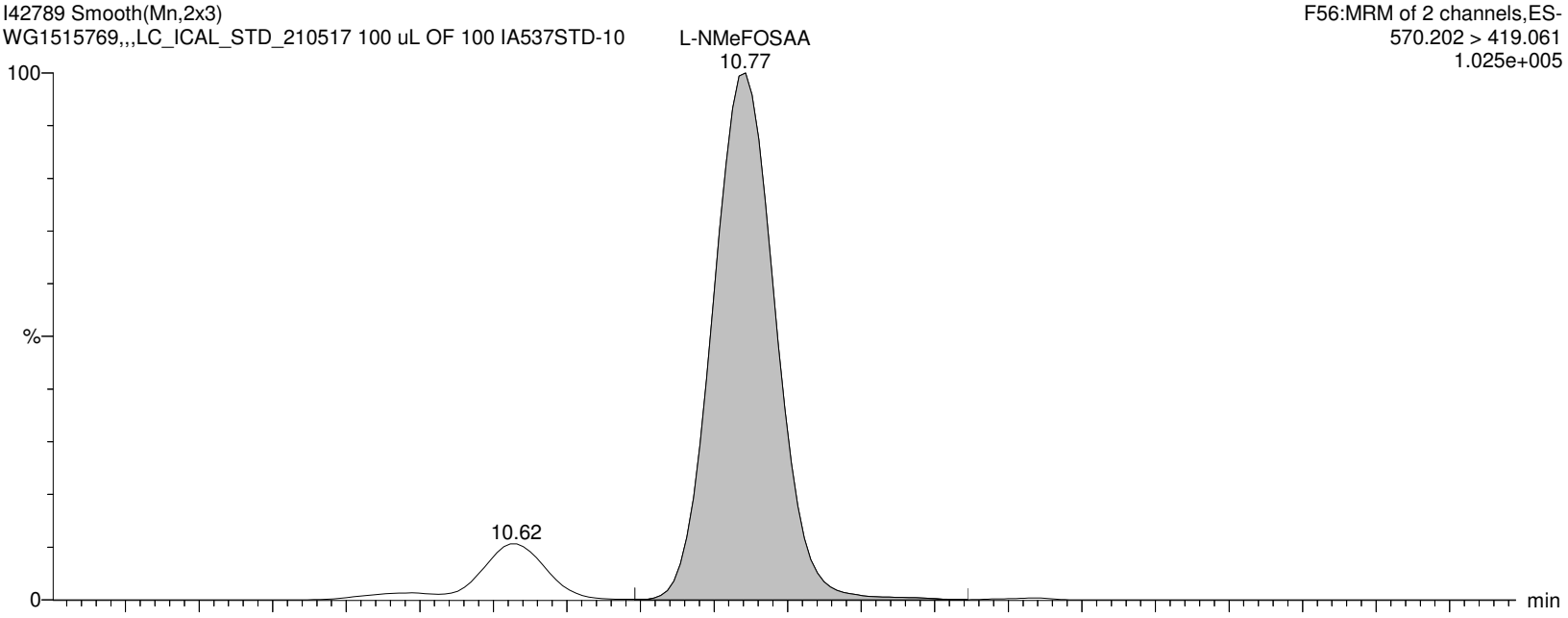


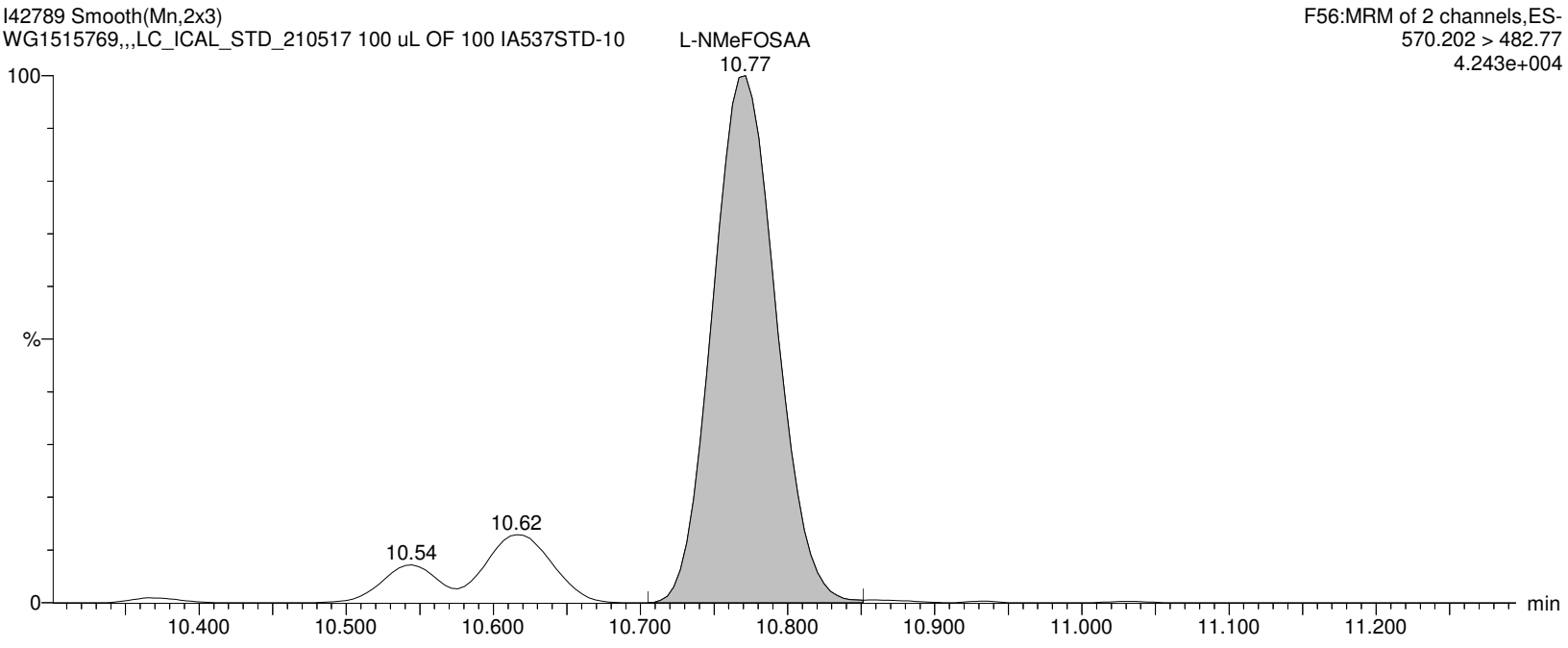
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NMeFOSAA



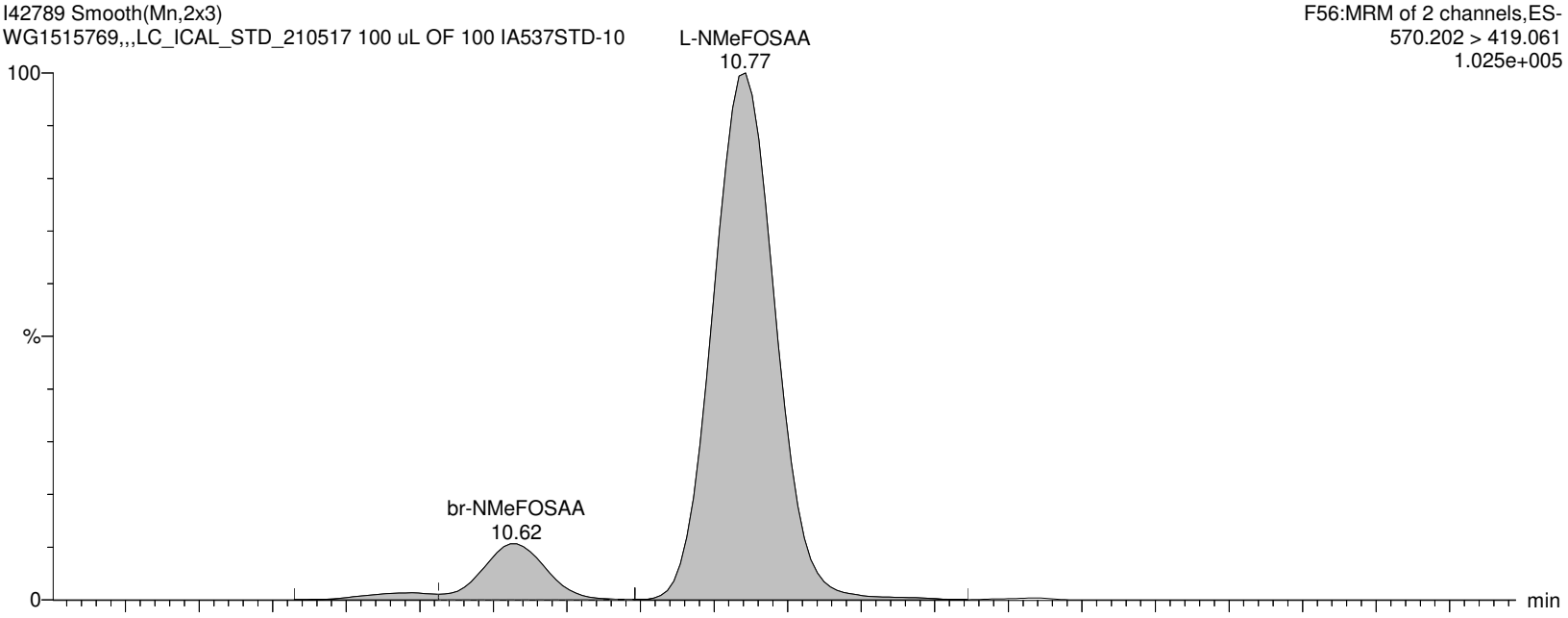


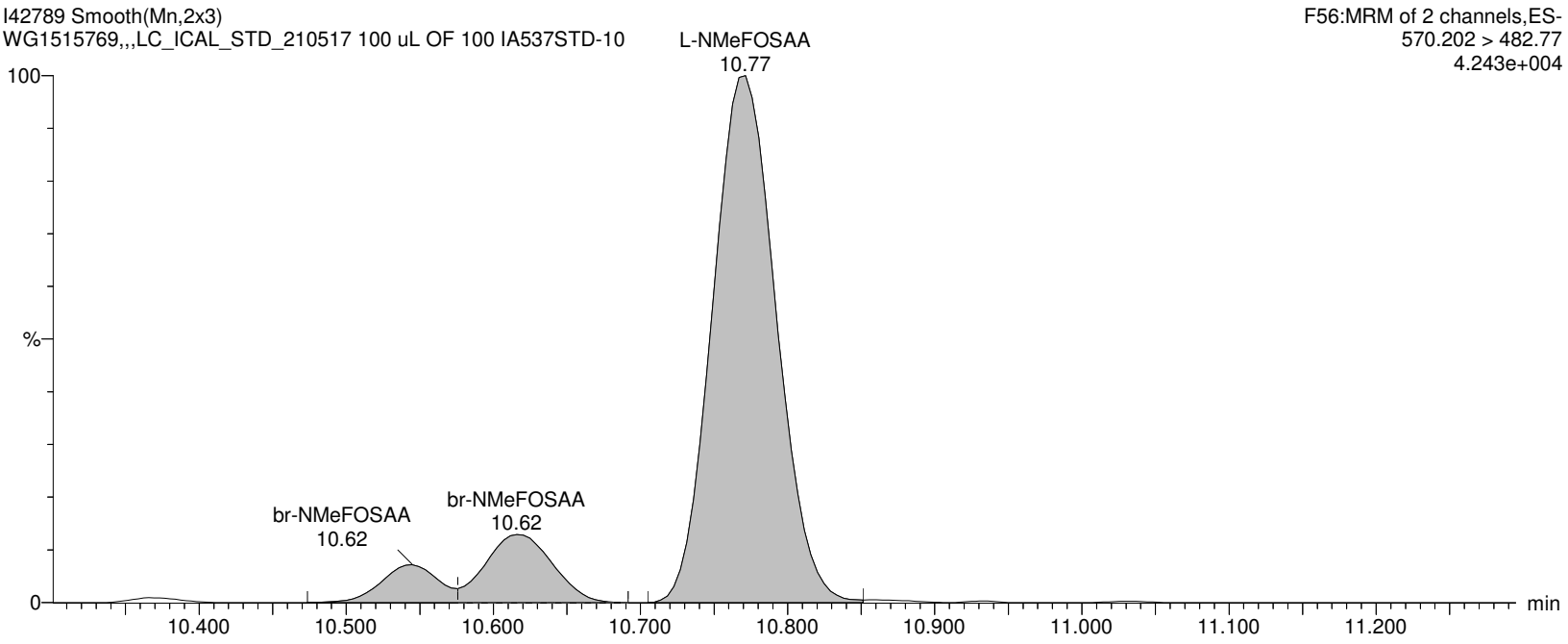
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSAA



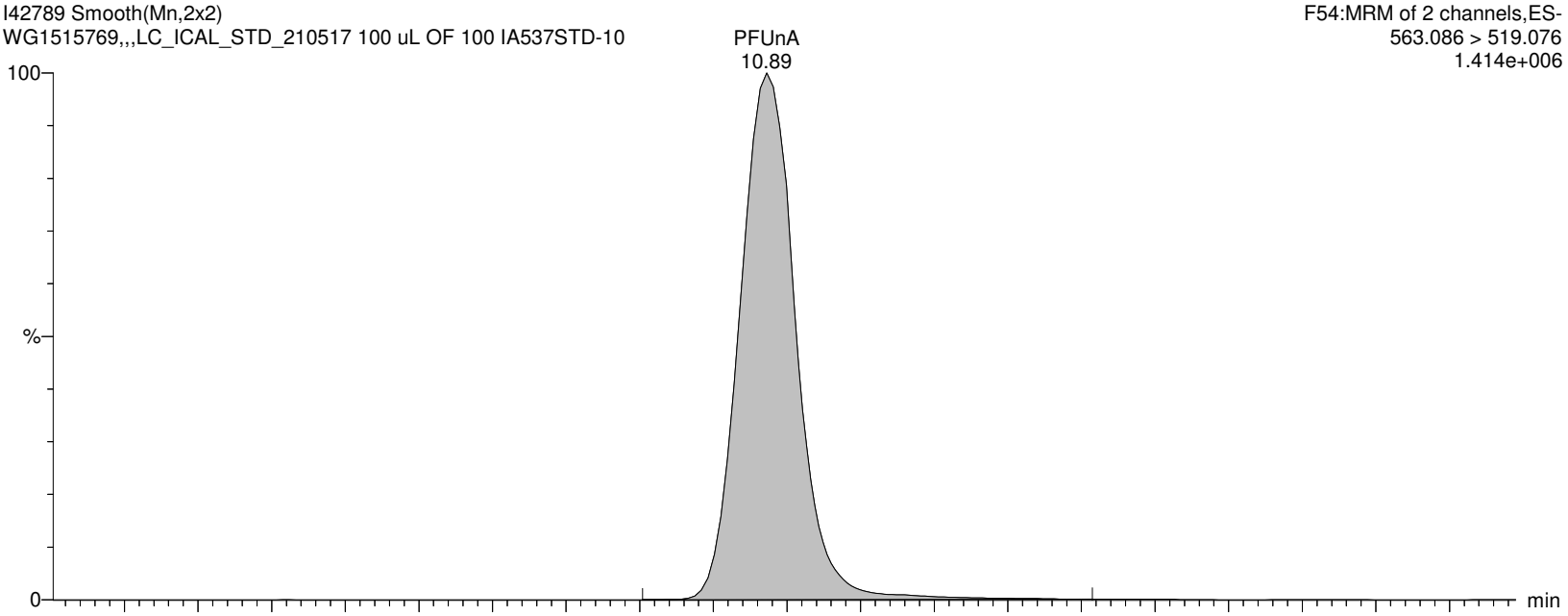


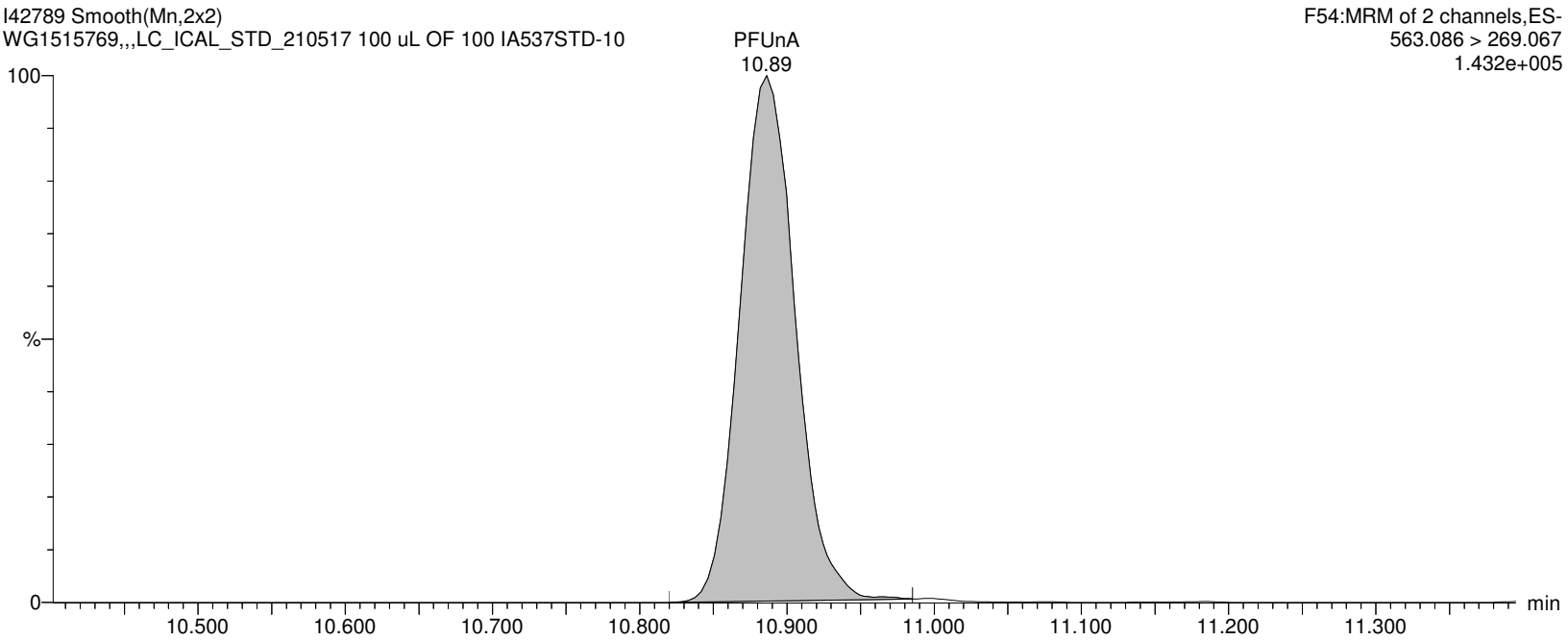
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFUnA



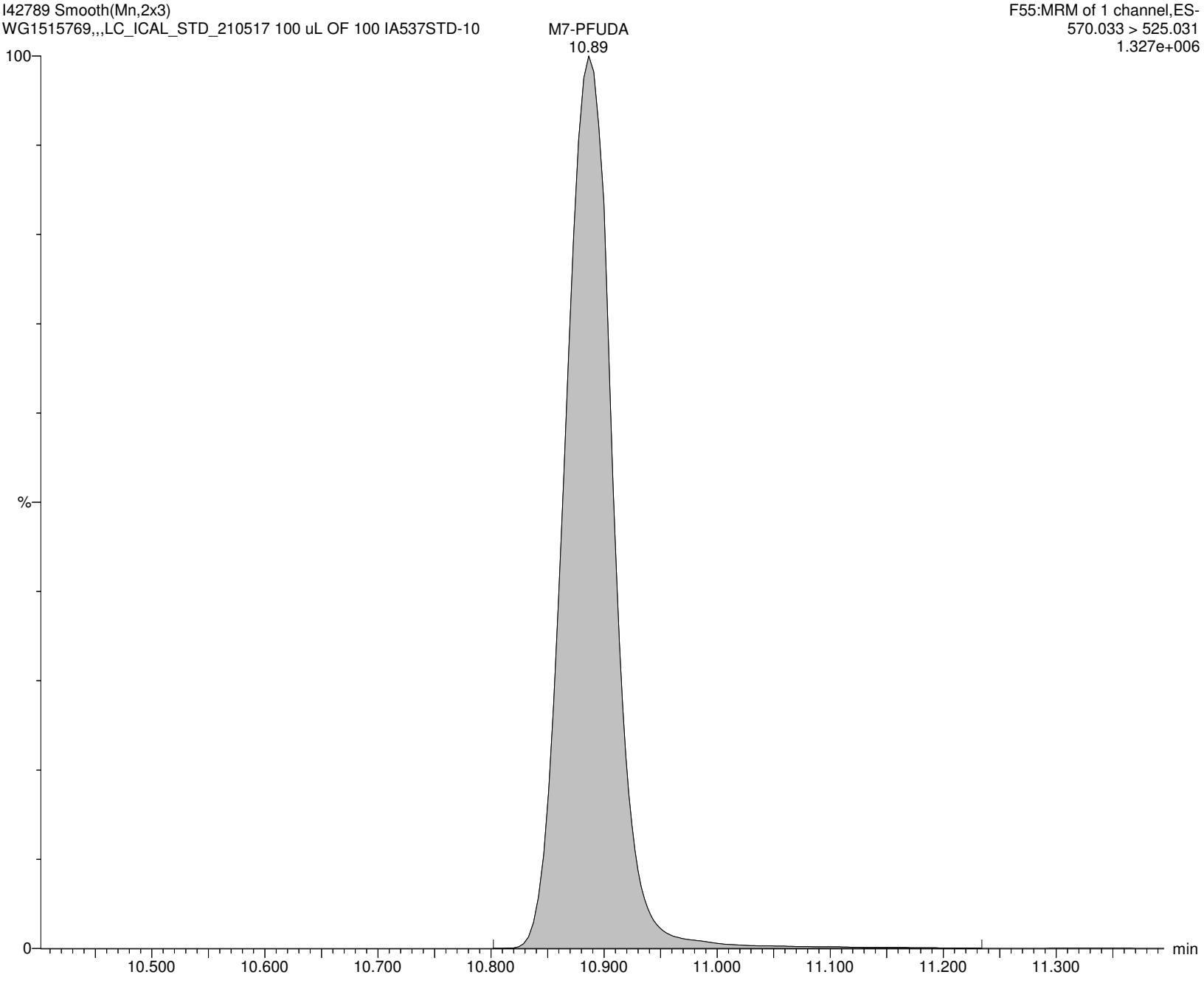


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M7-PFUDA

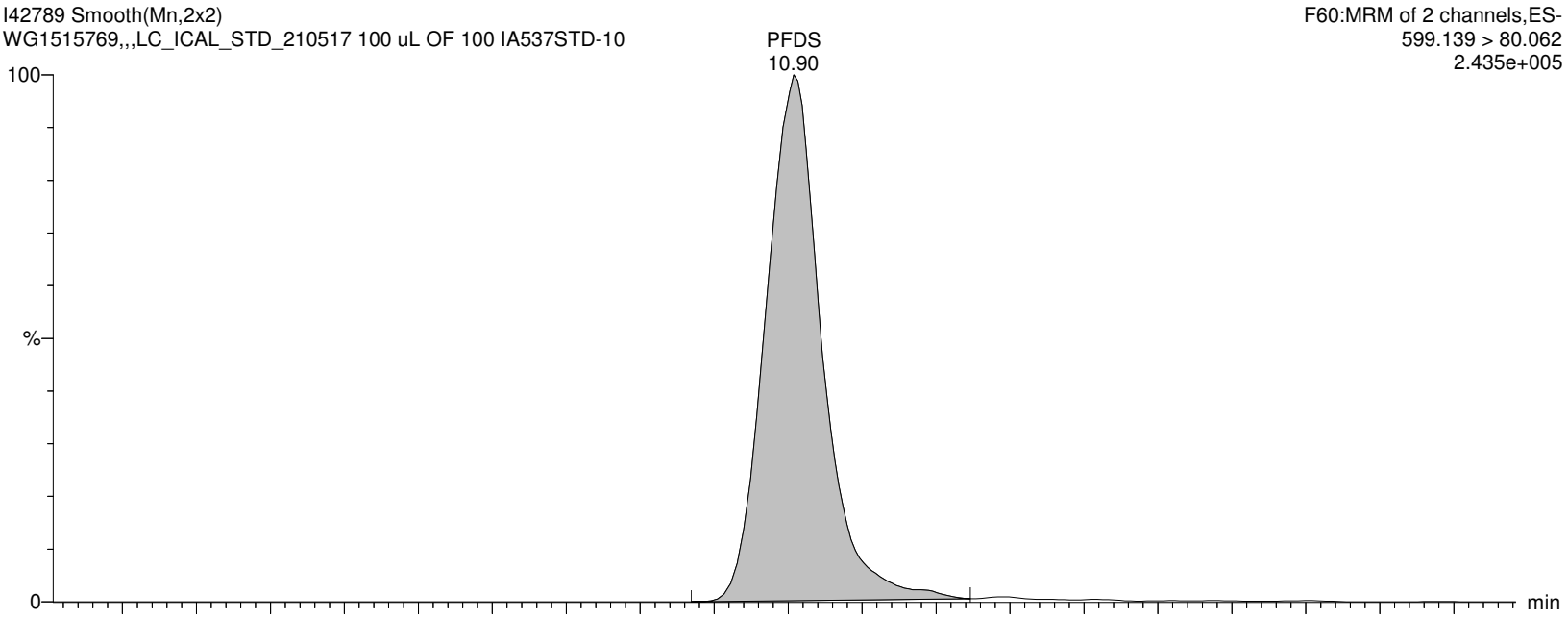


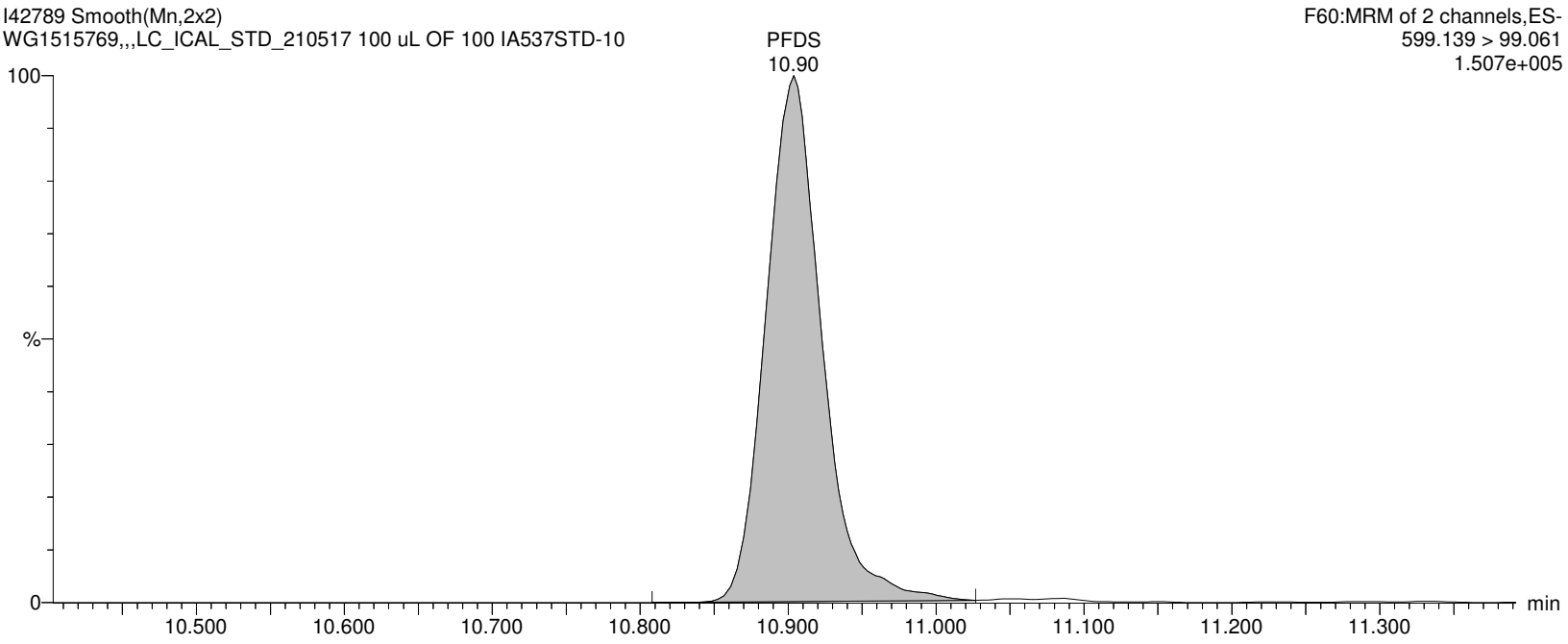
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDS



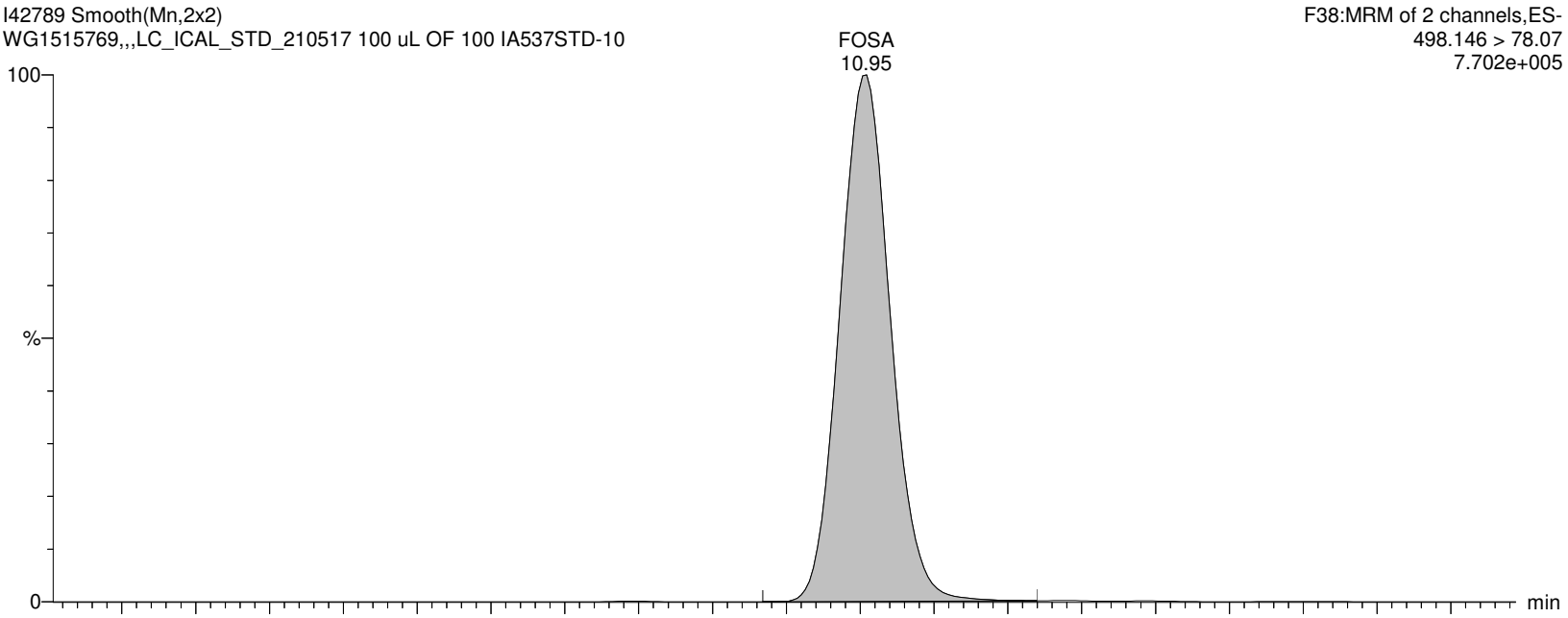


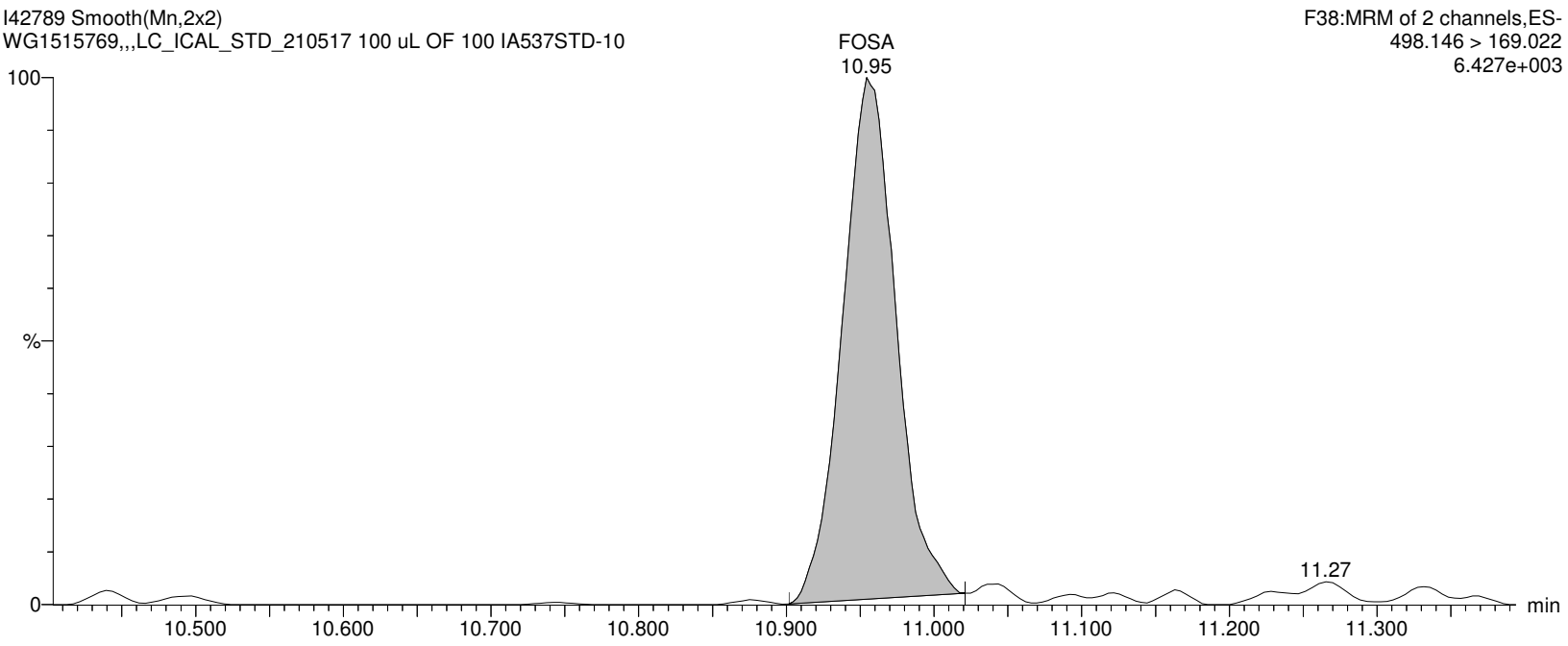
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

FOSA



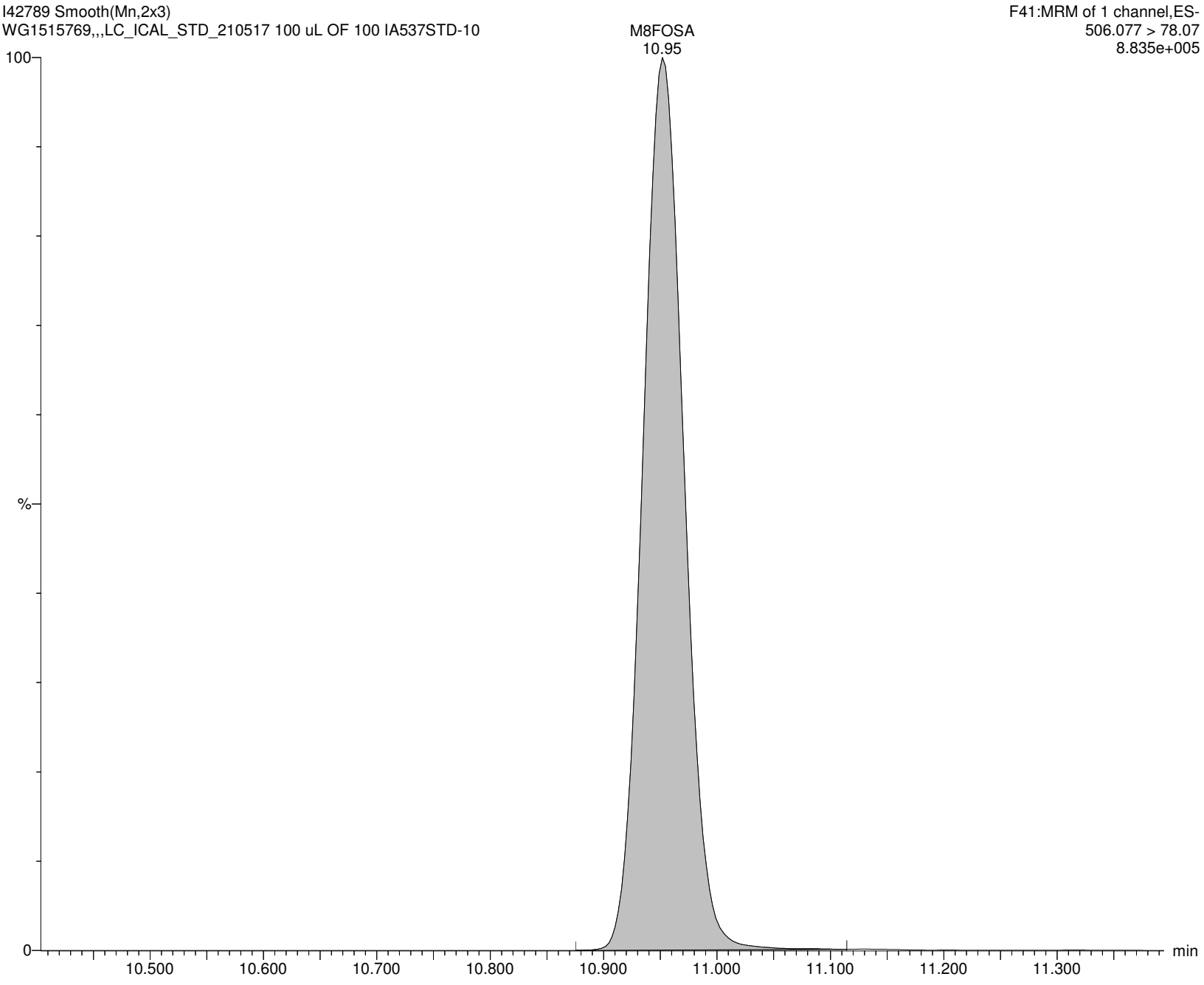


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8FOSA

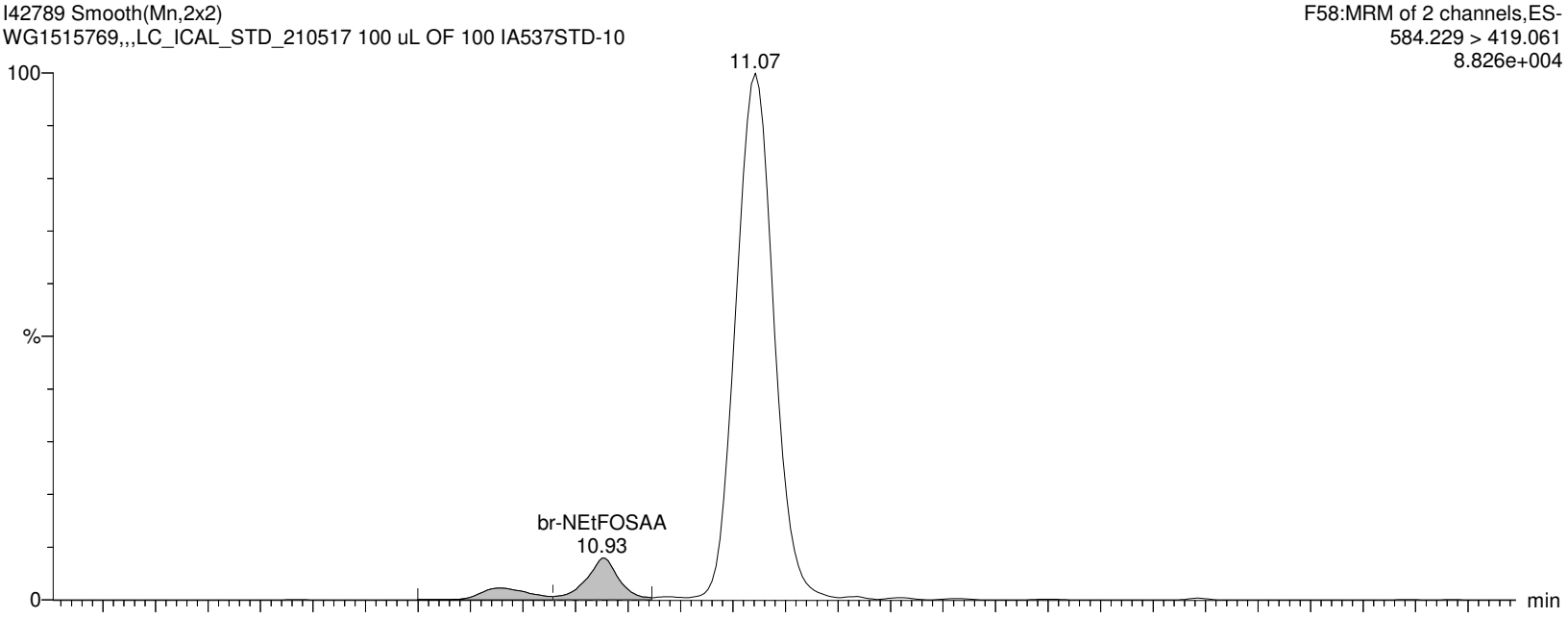


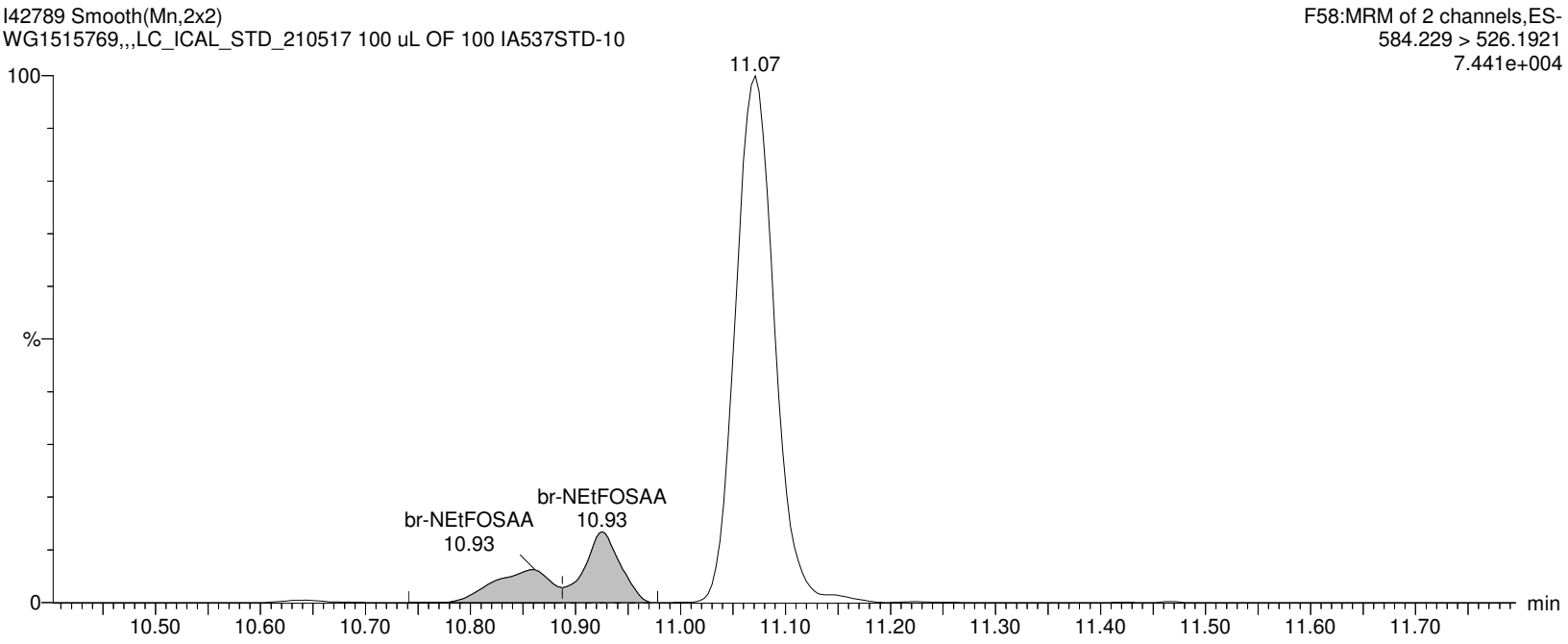
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NEtFOSAA



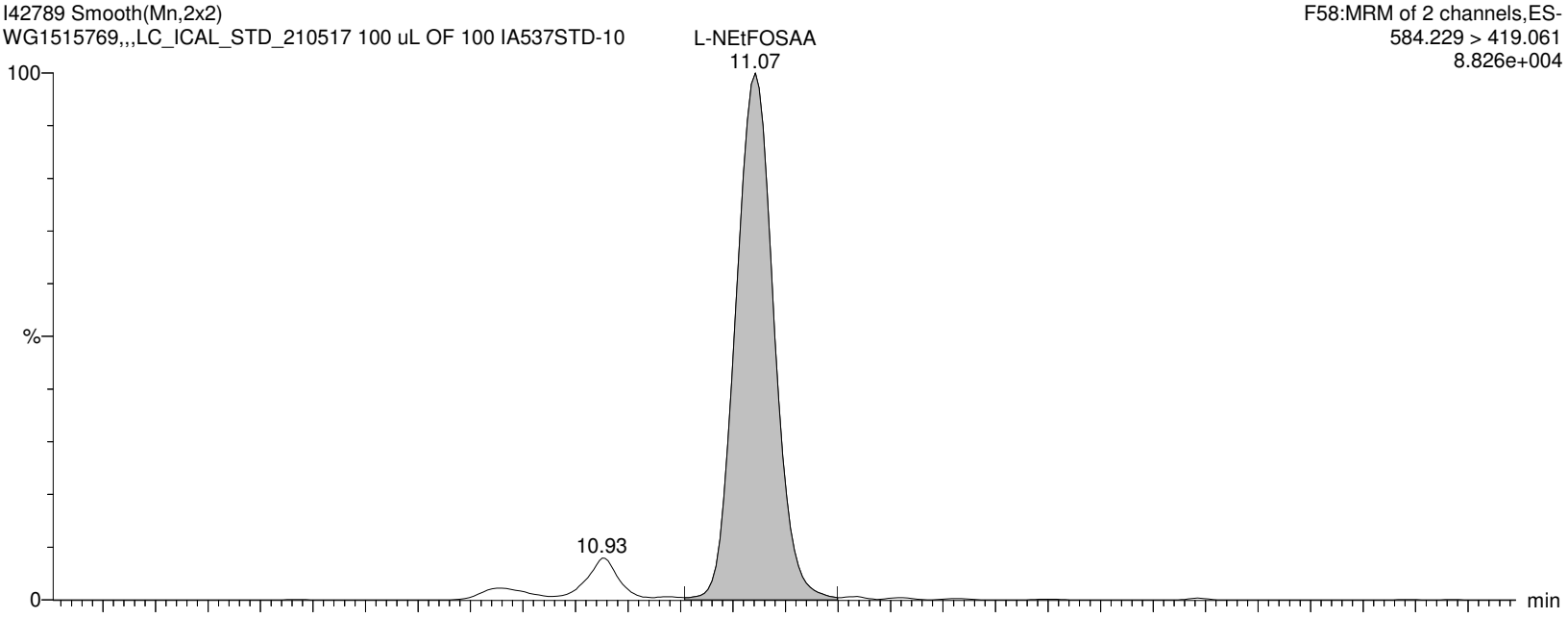


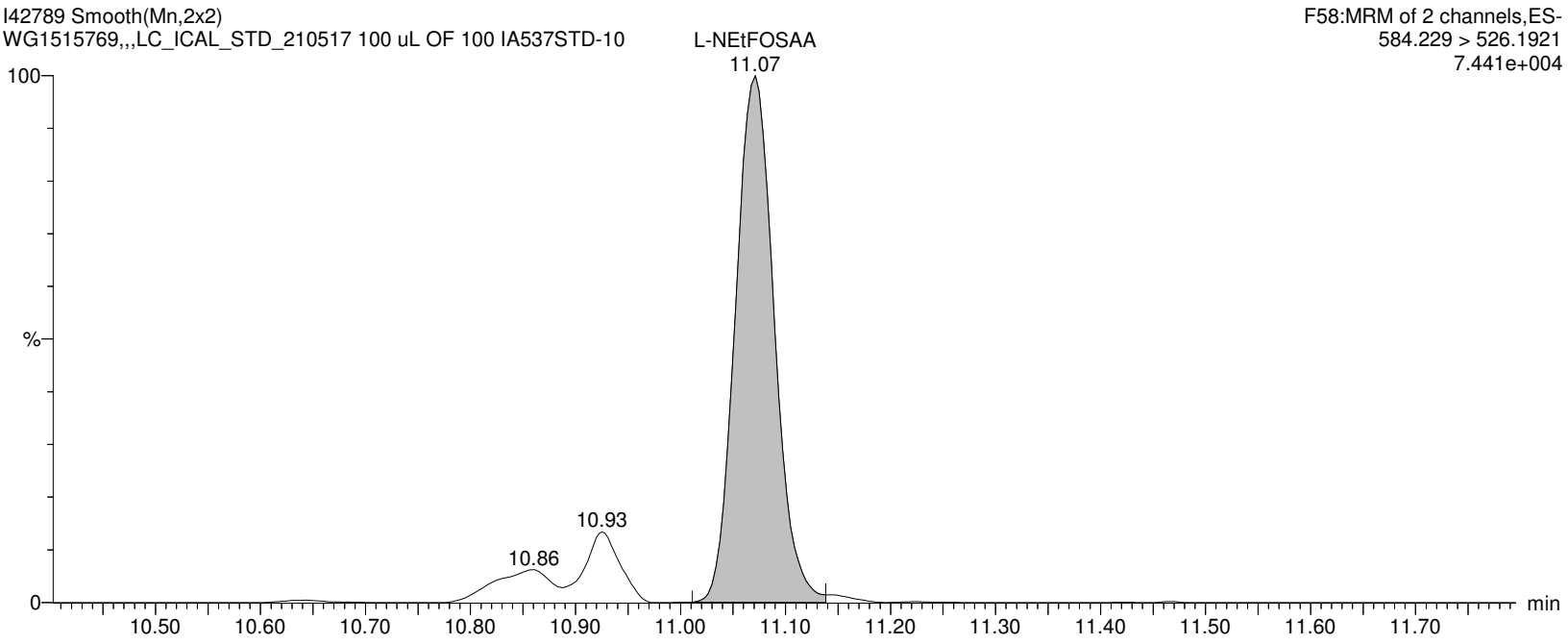
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NEtFOSAA



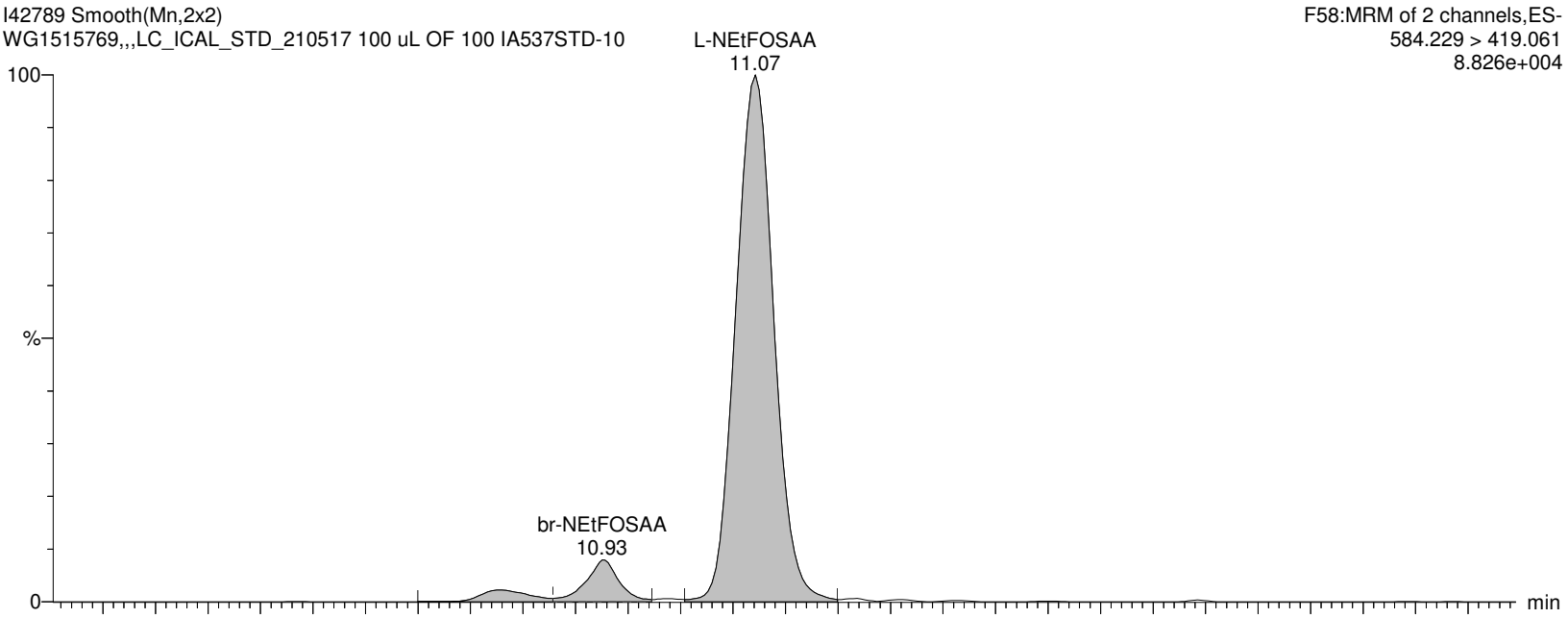


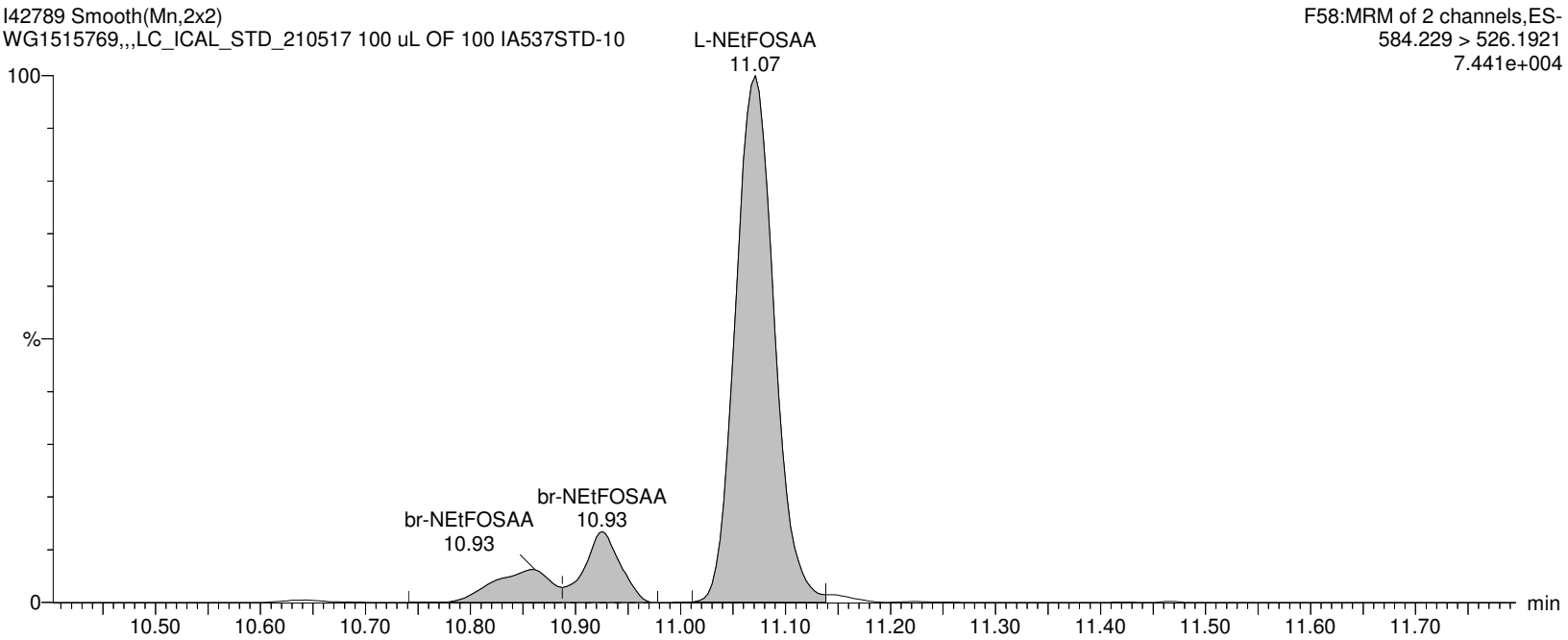
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSAA



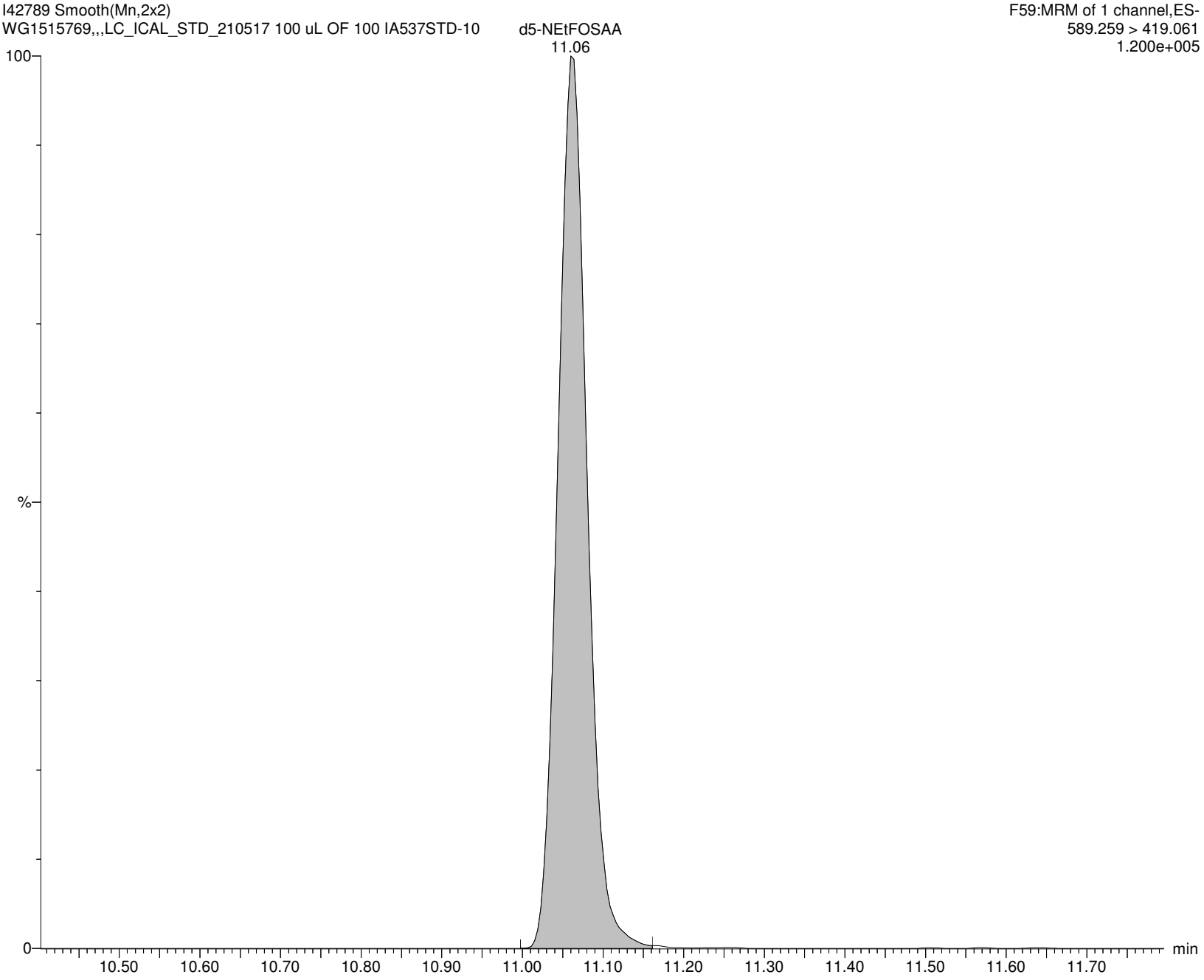


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSAA

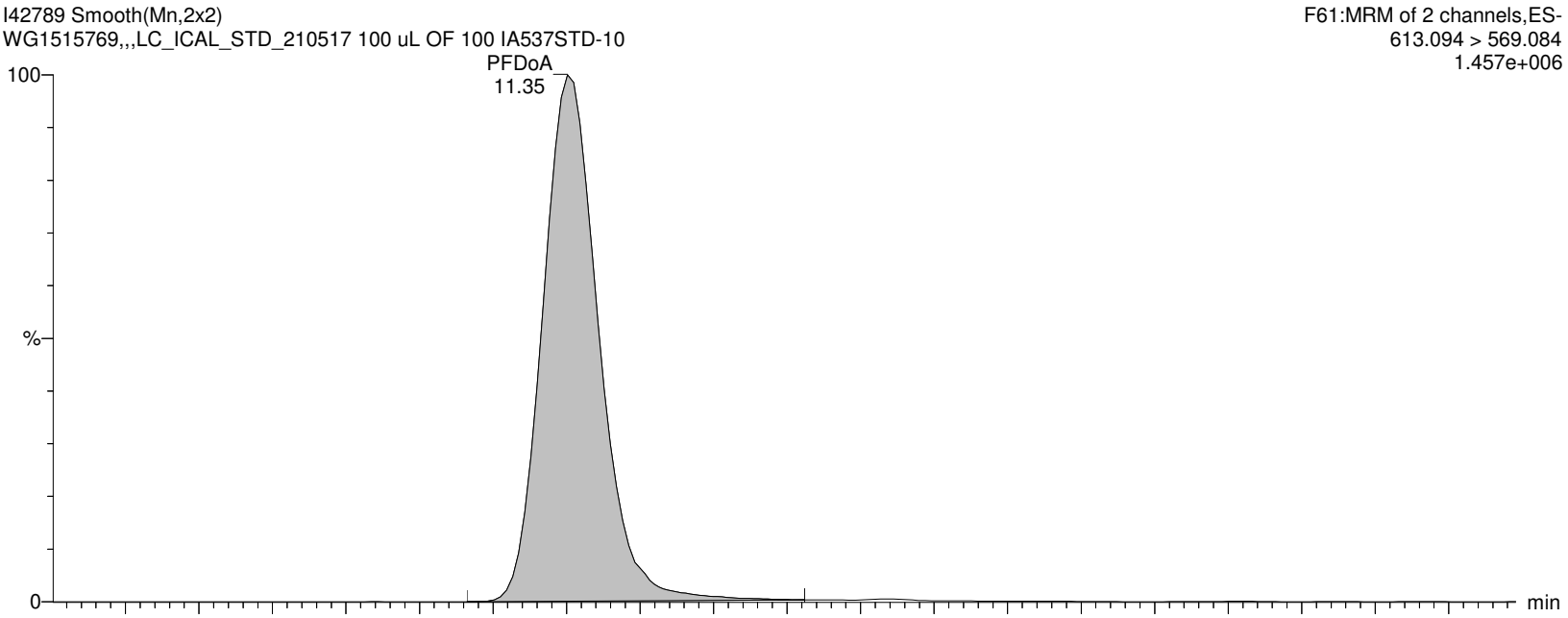


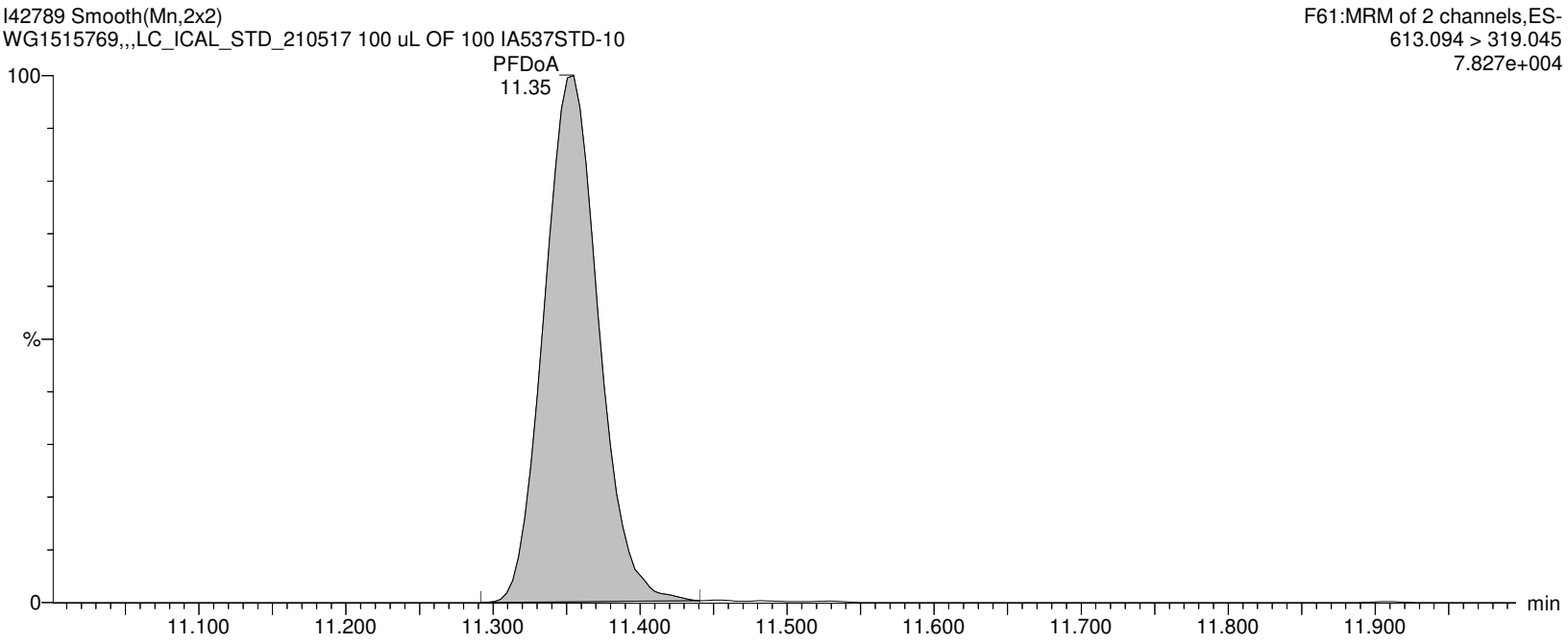
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoA



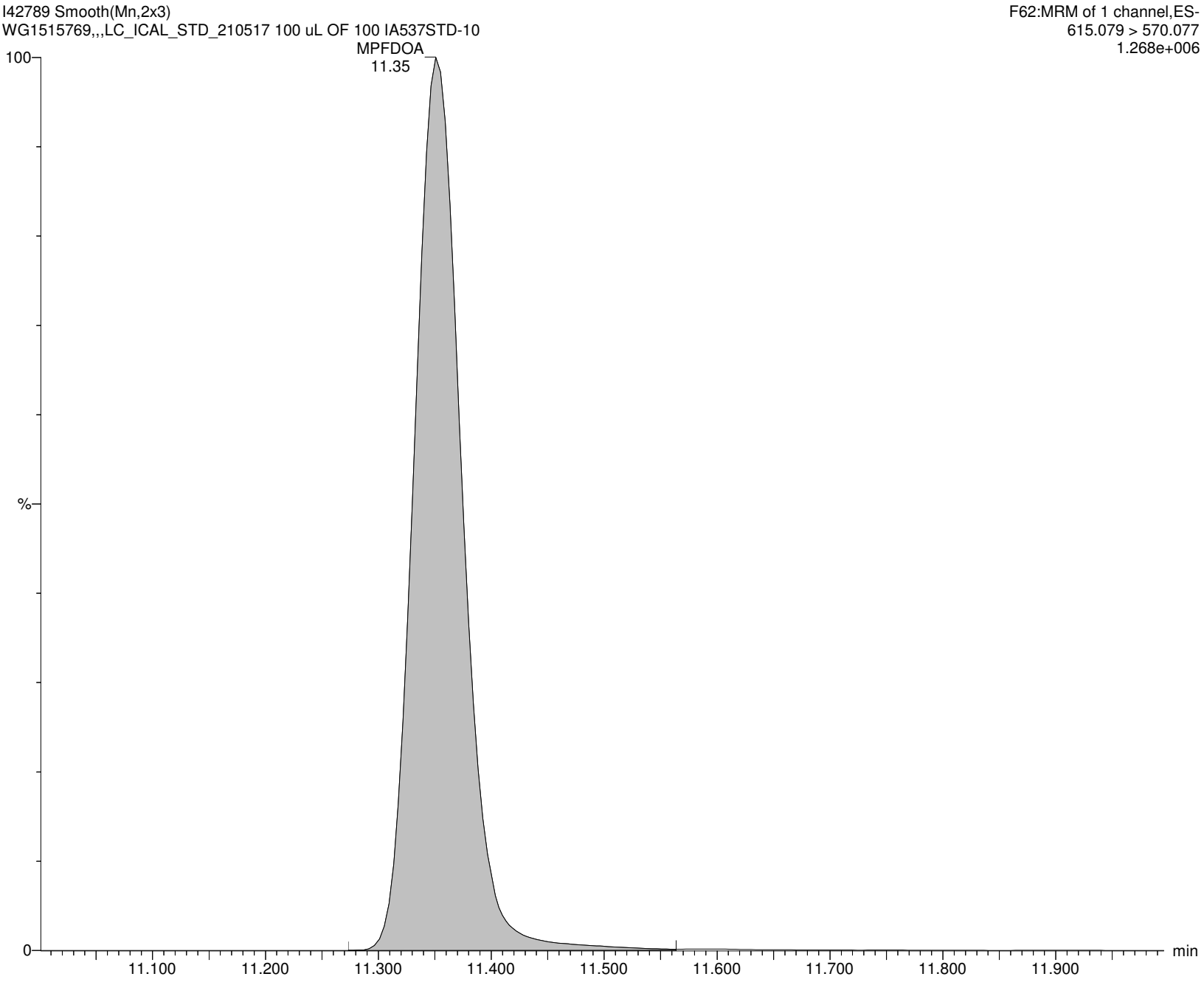


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFDOA

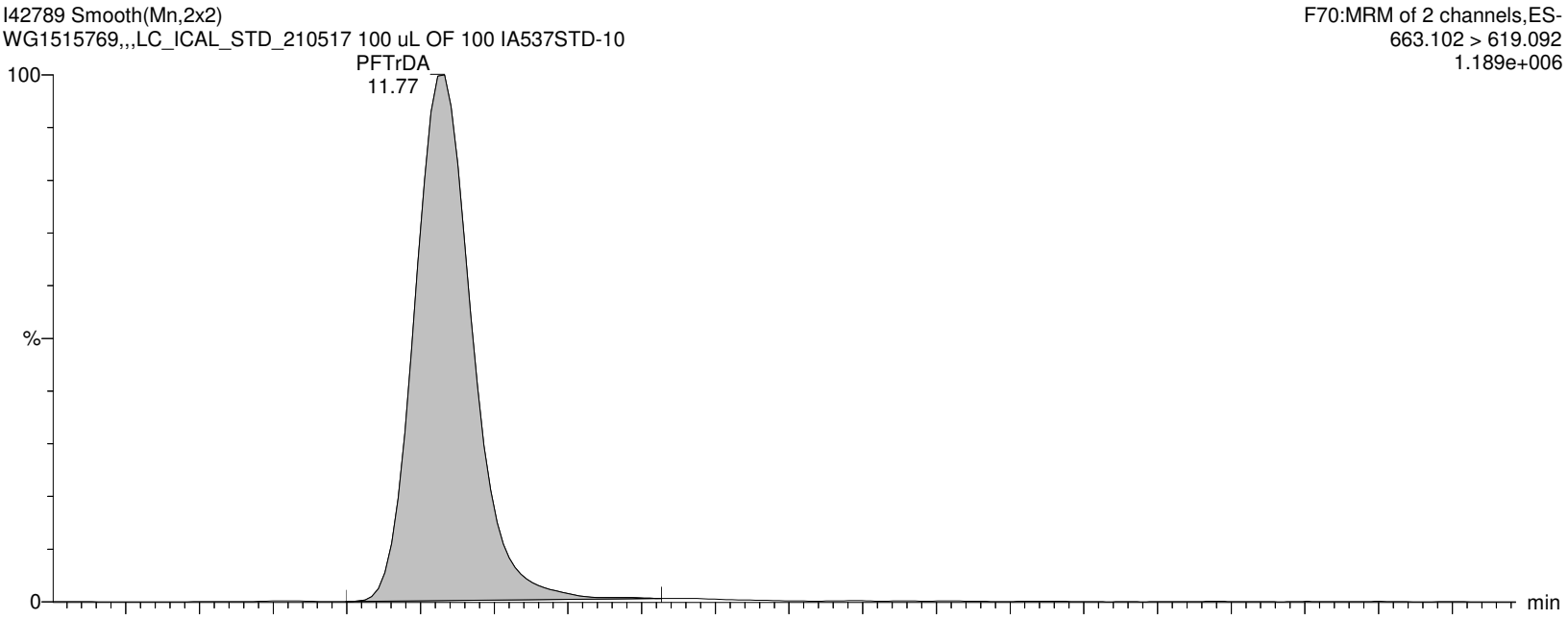


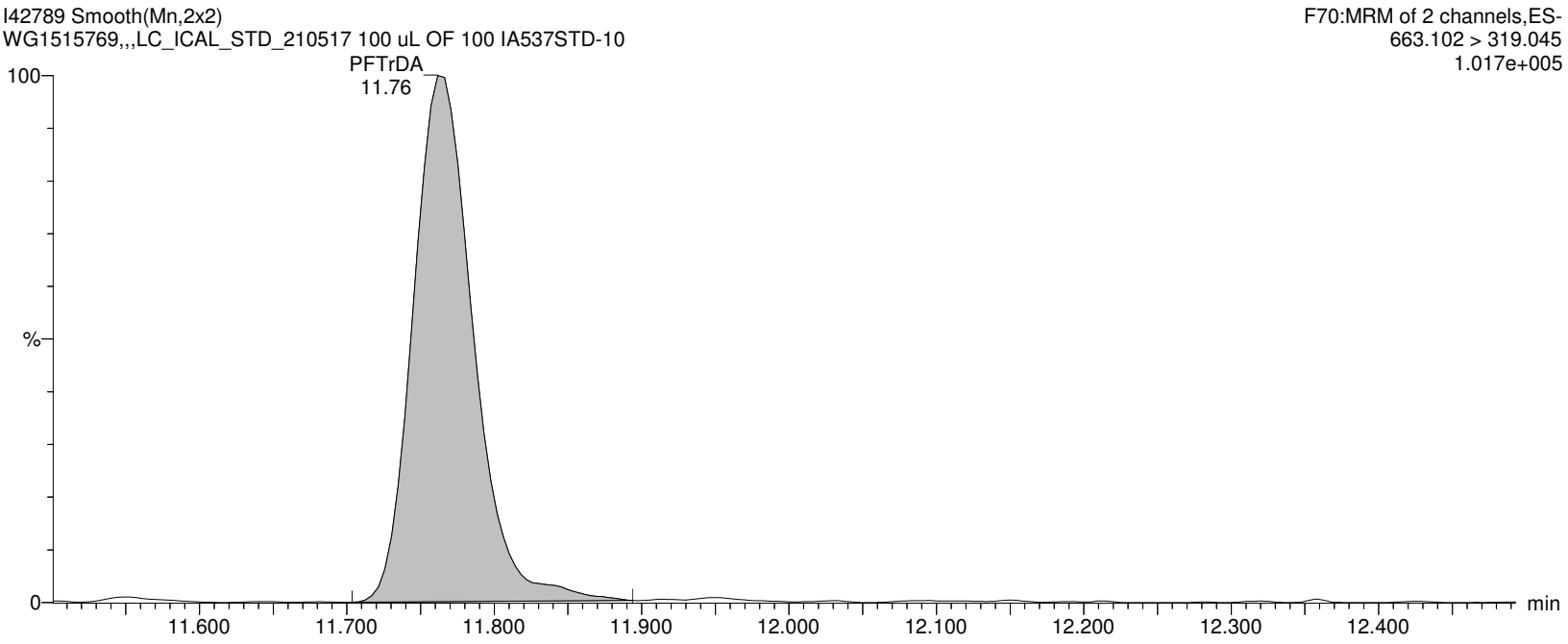
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTrDA



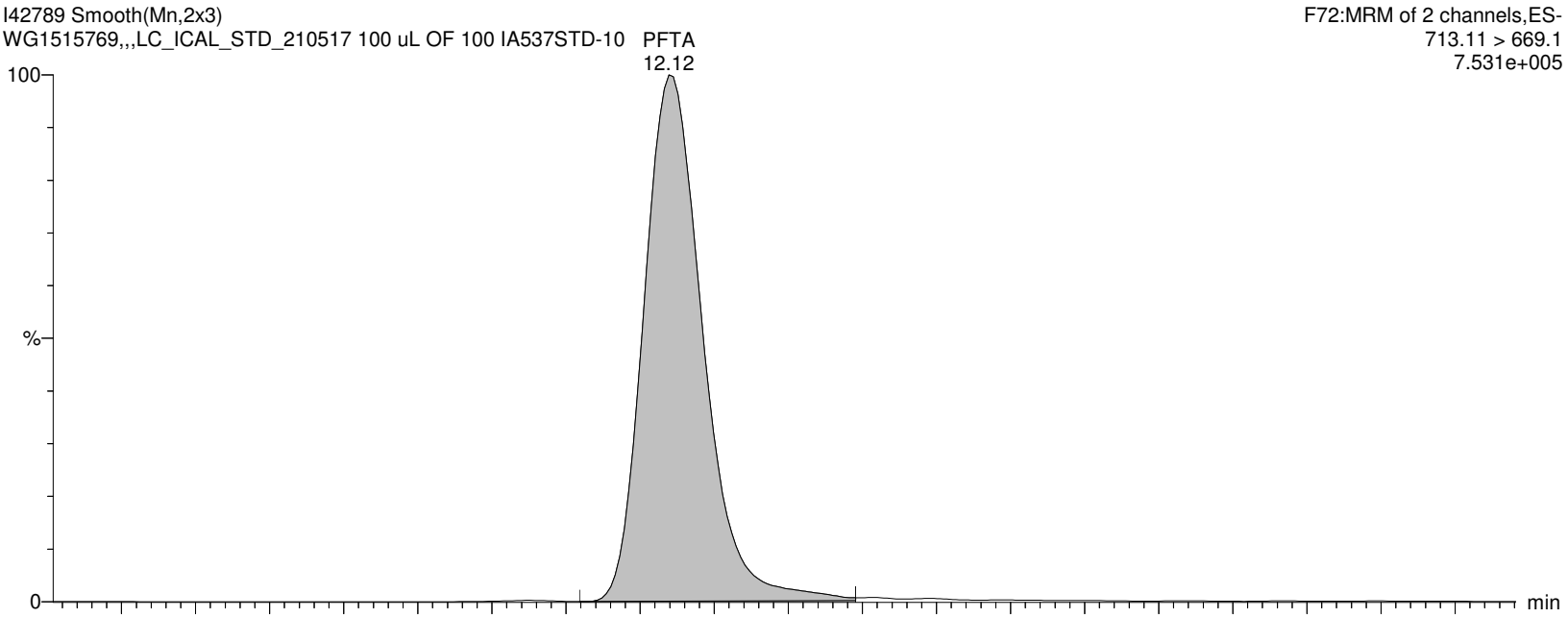


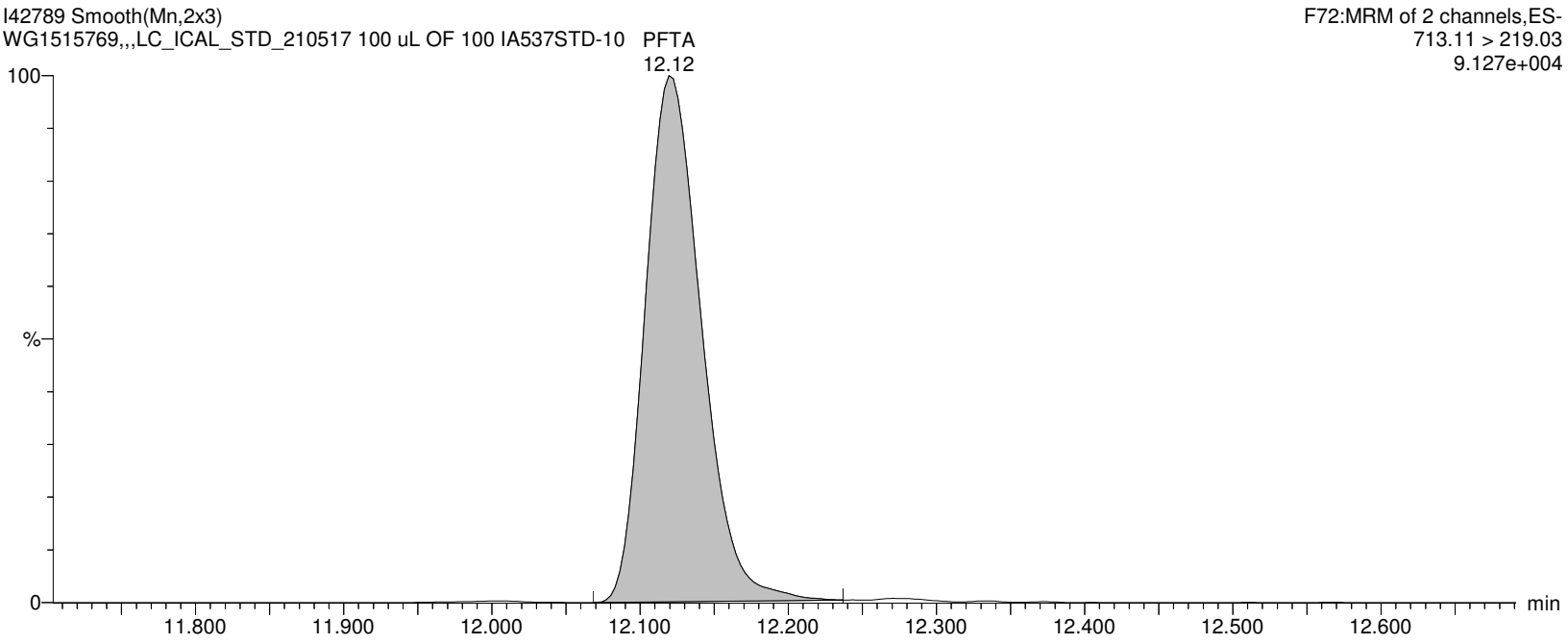
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTA



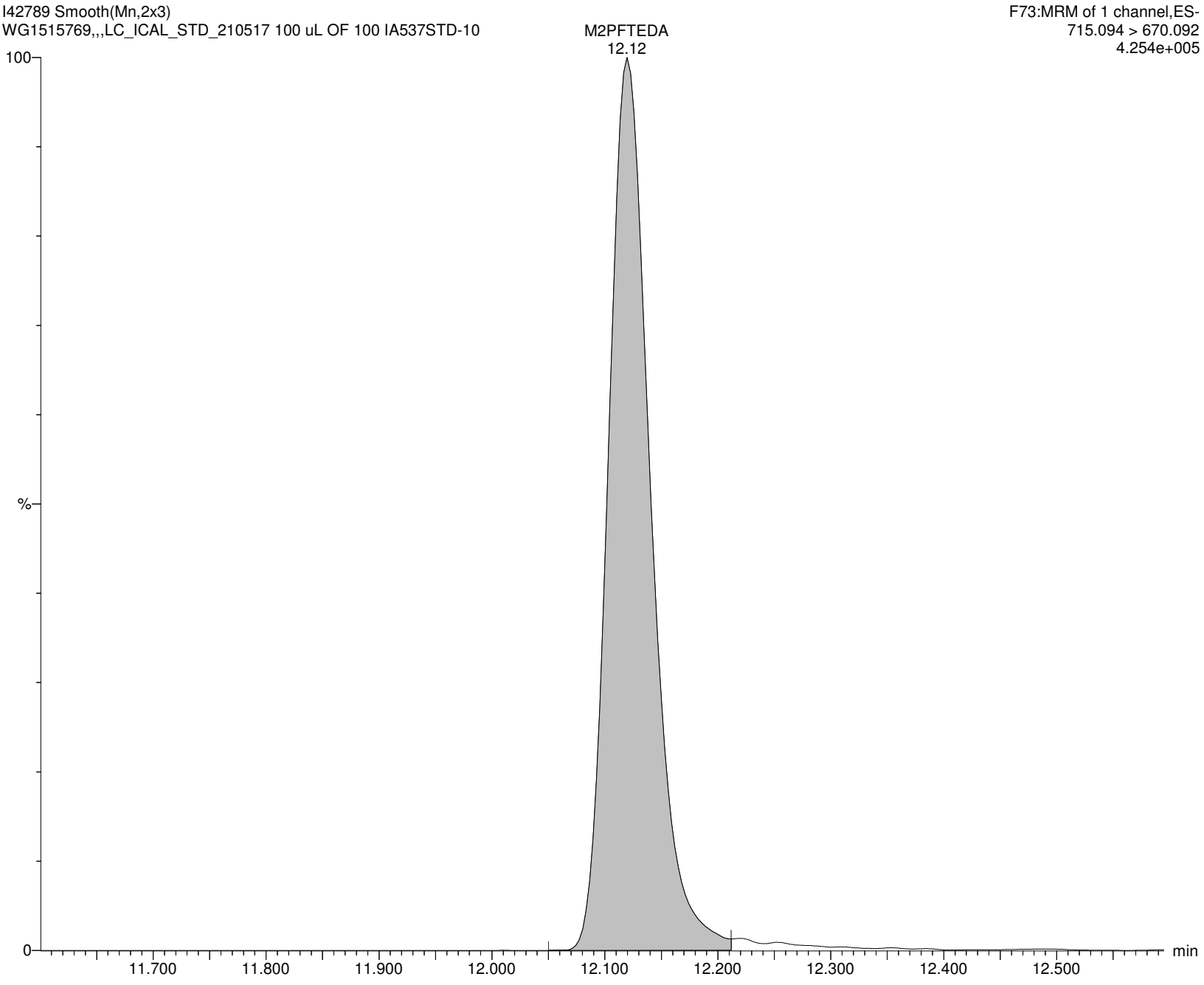


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFTEDA

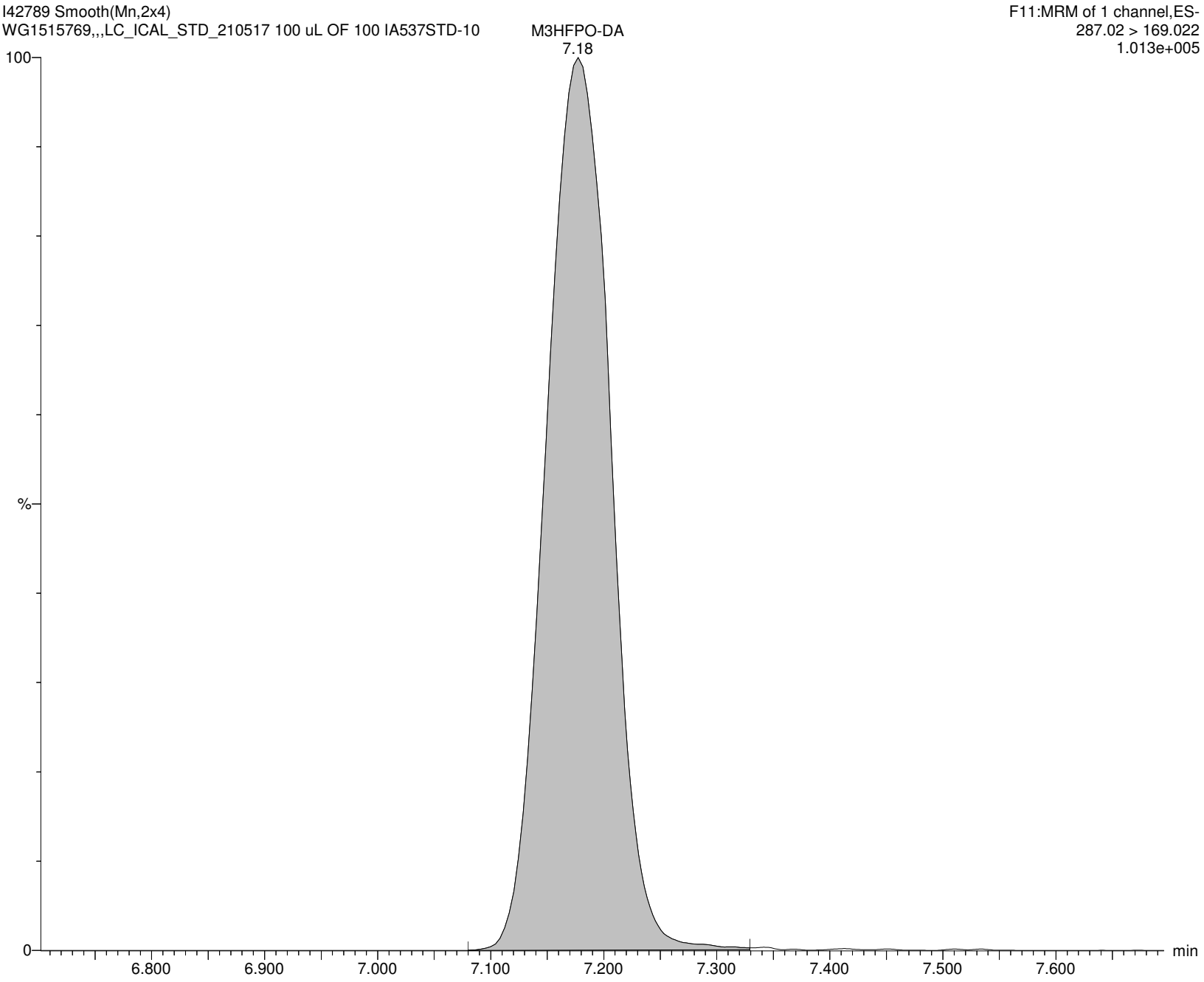


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3HFPO-DA

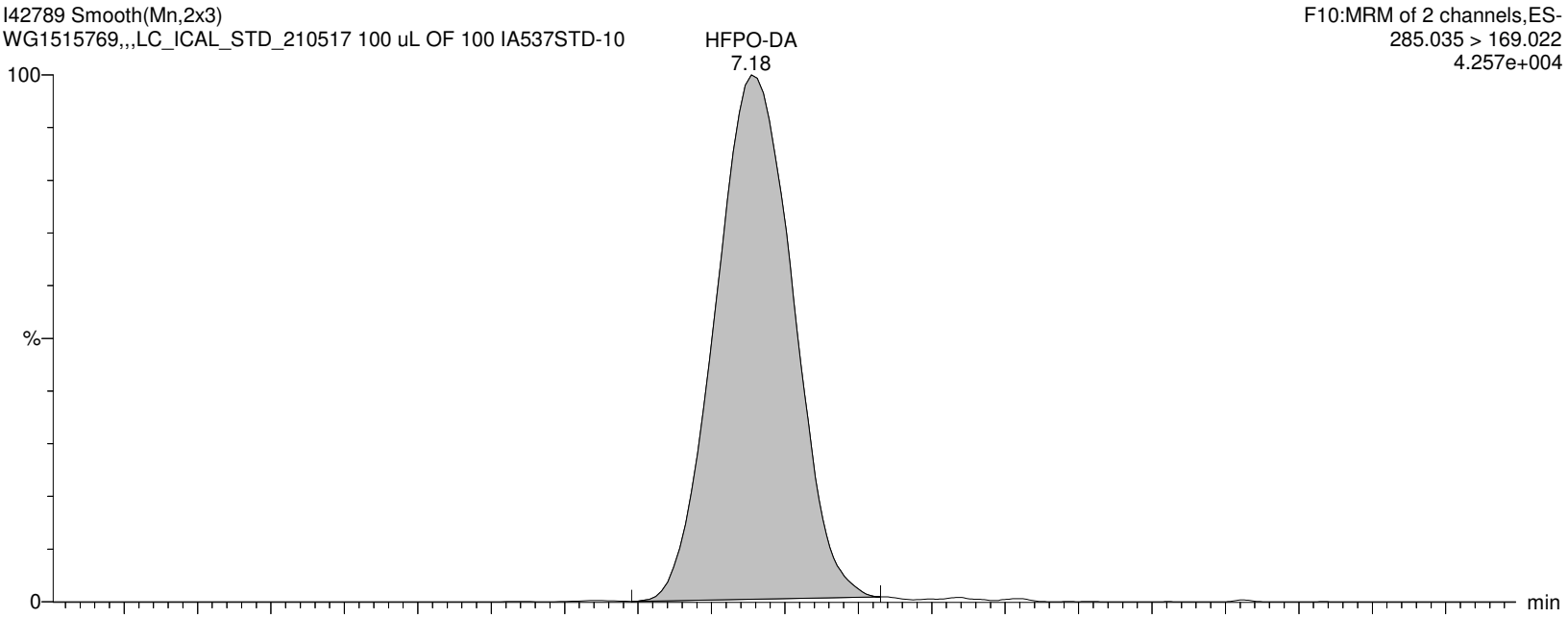


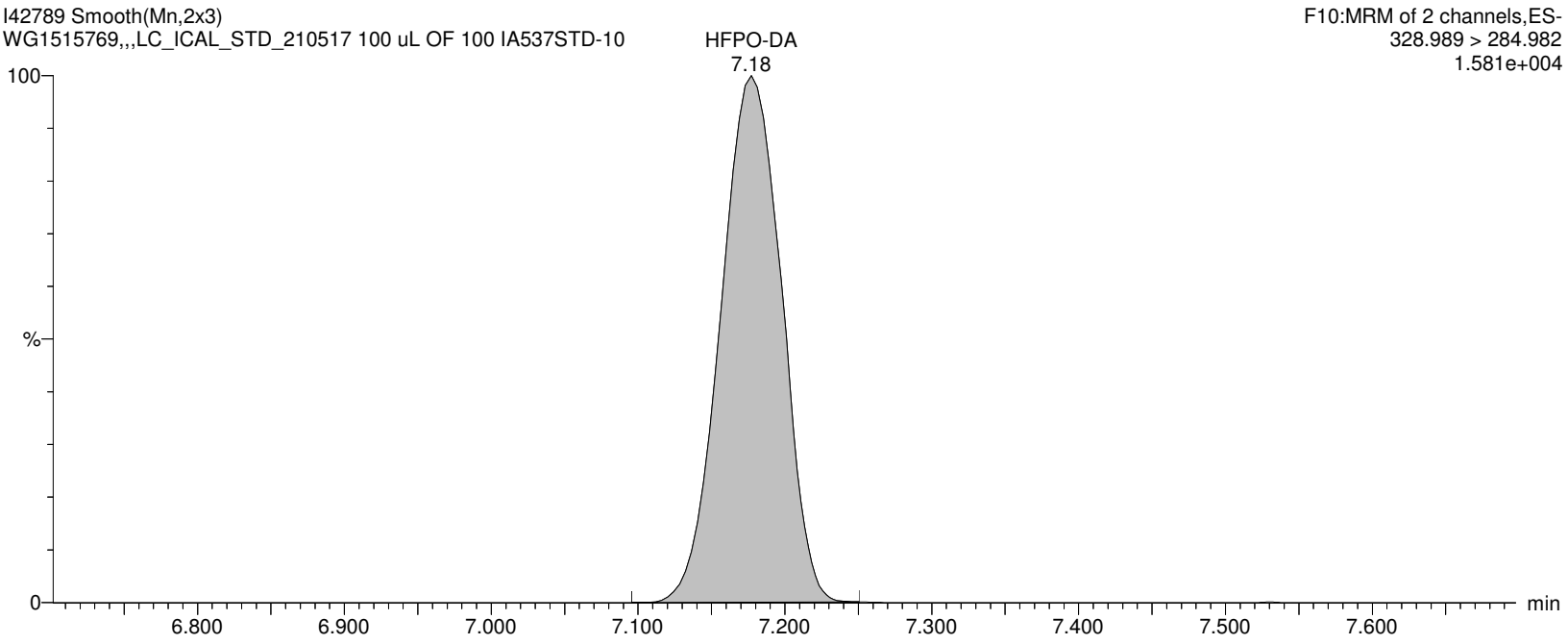
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

HFPO-DA



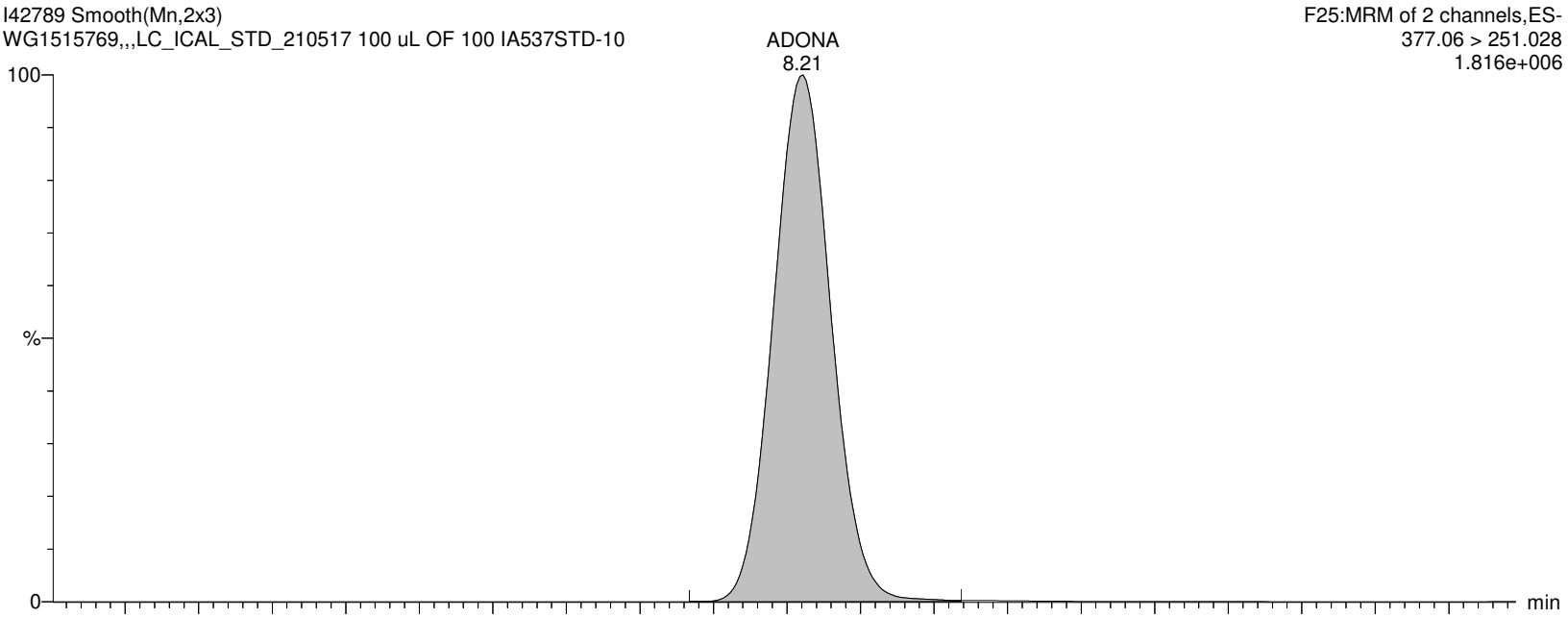


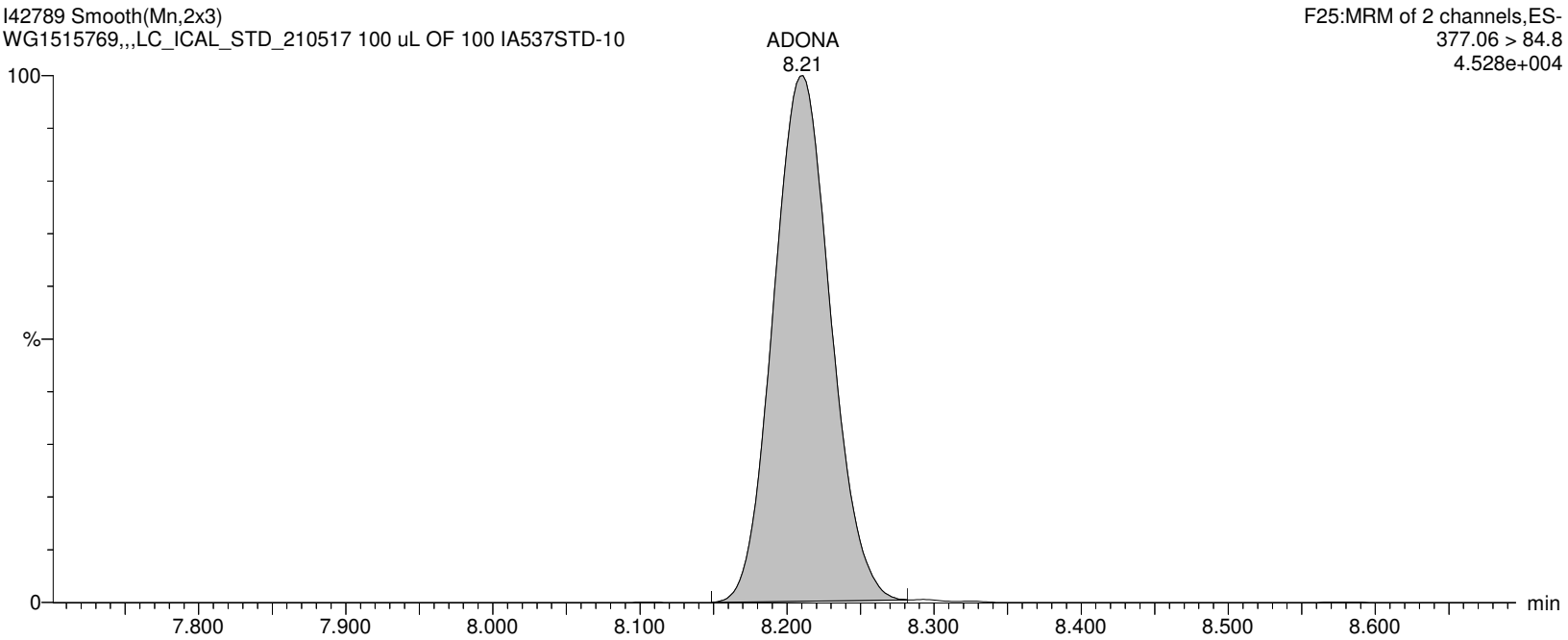
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

ADONA



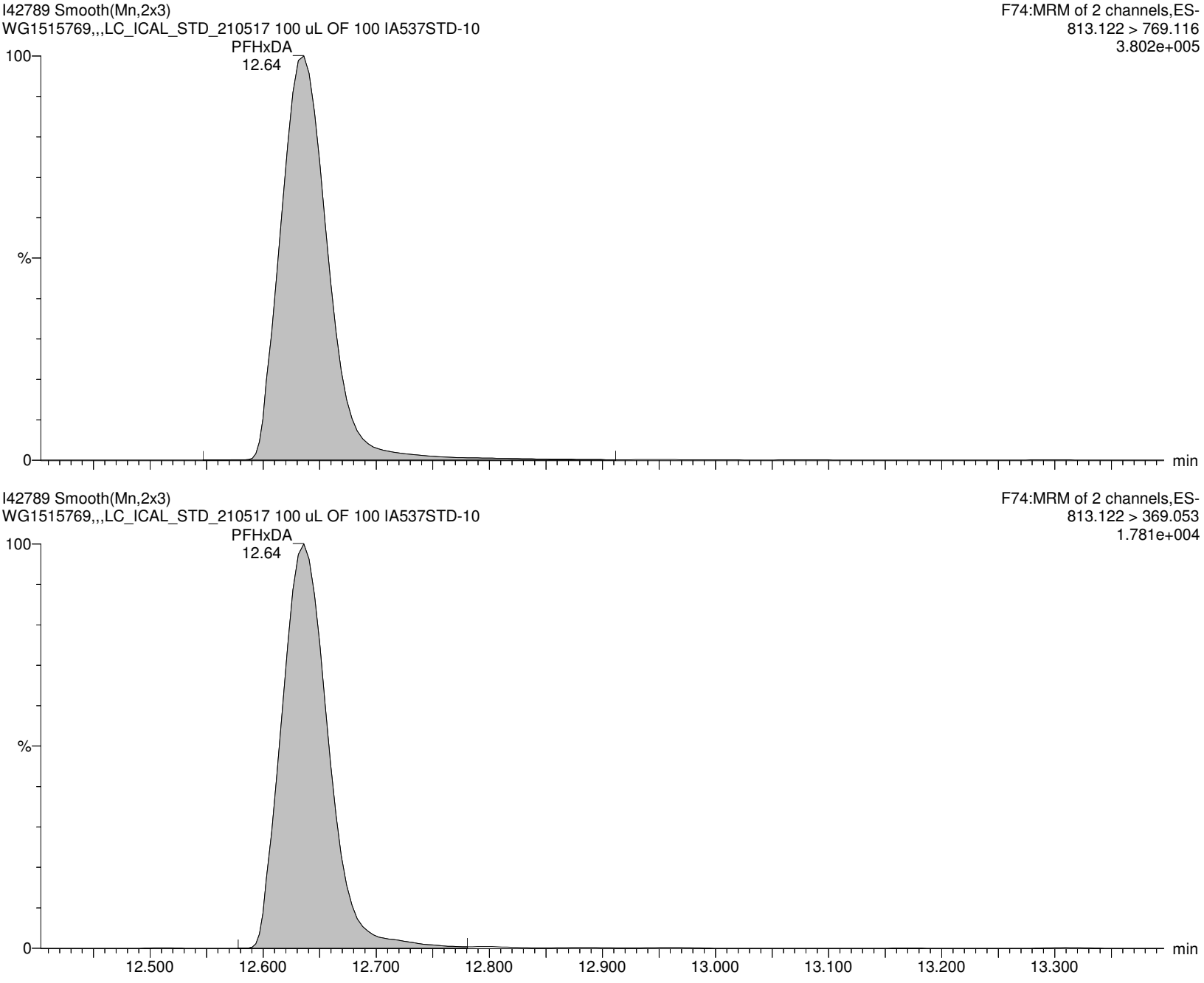


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxDA

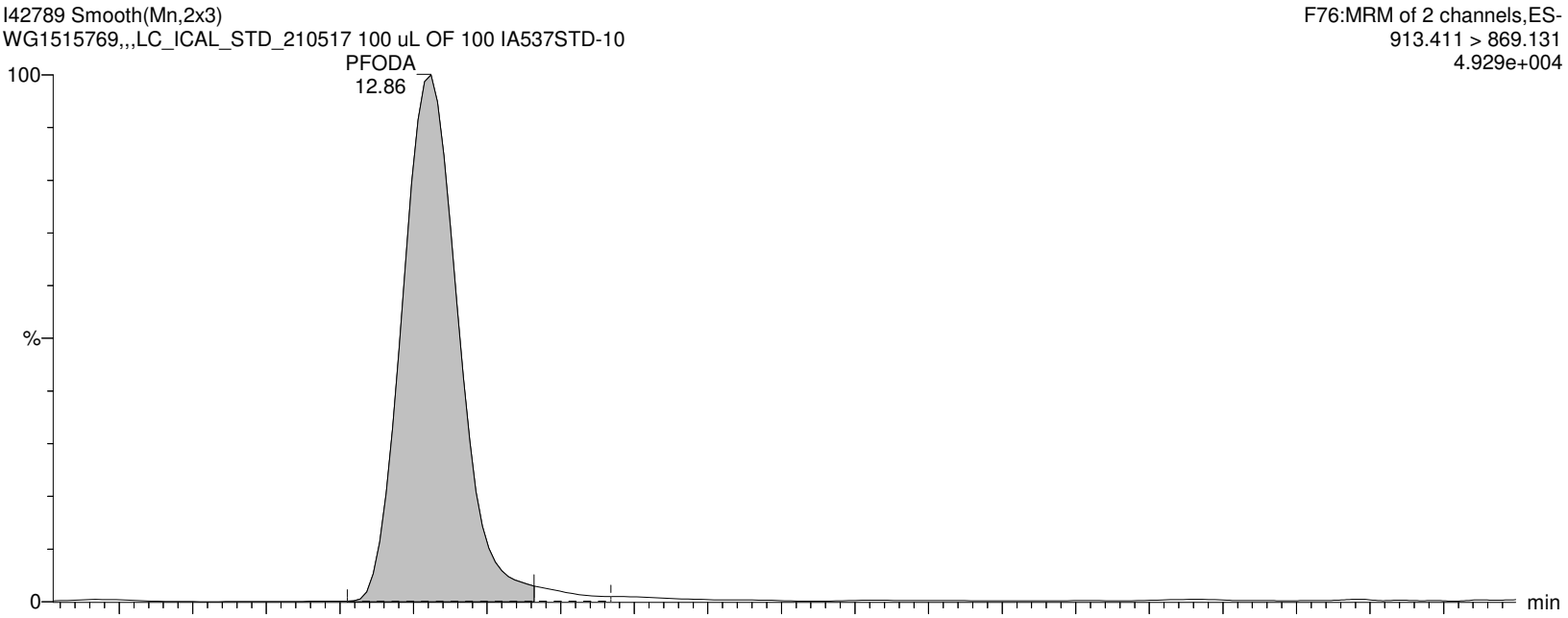


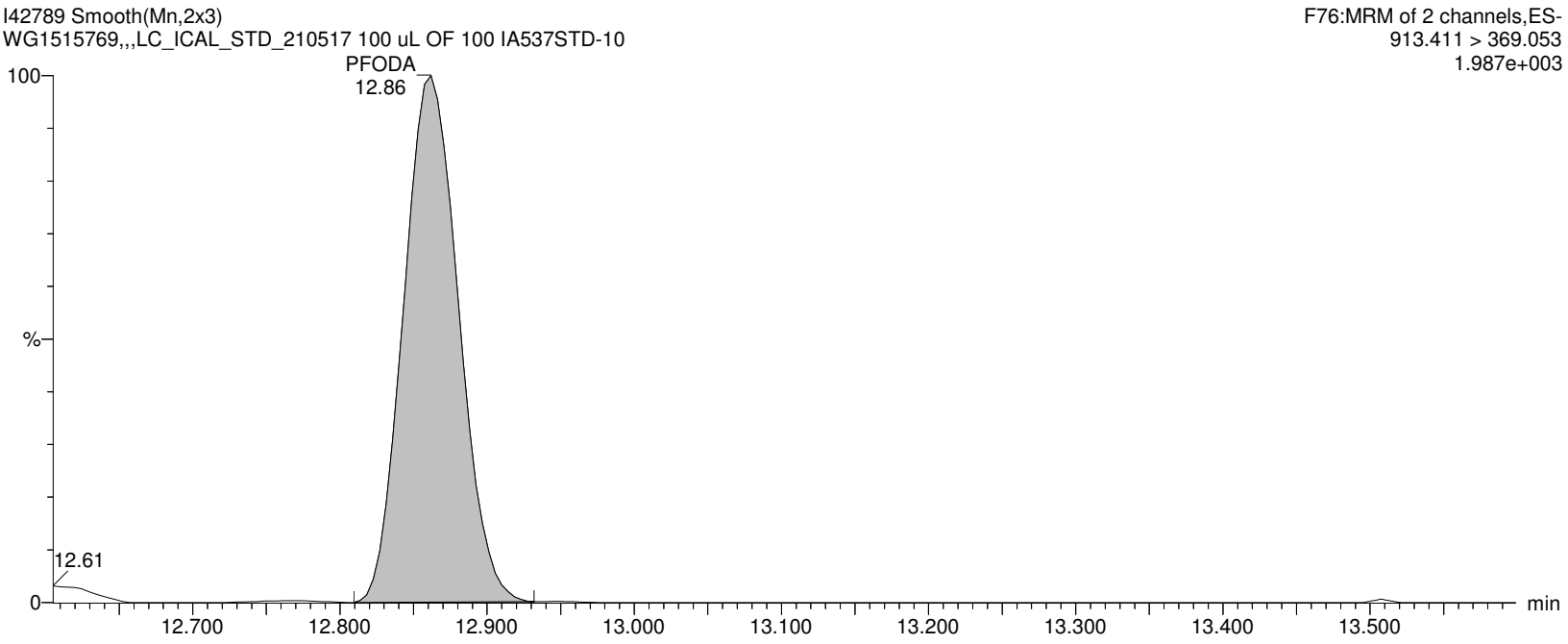
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFODA



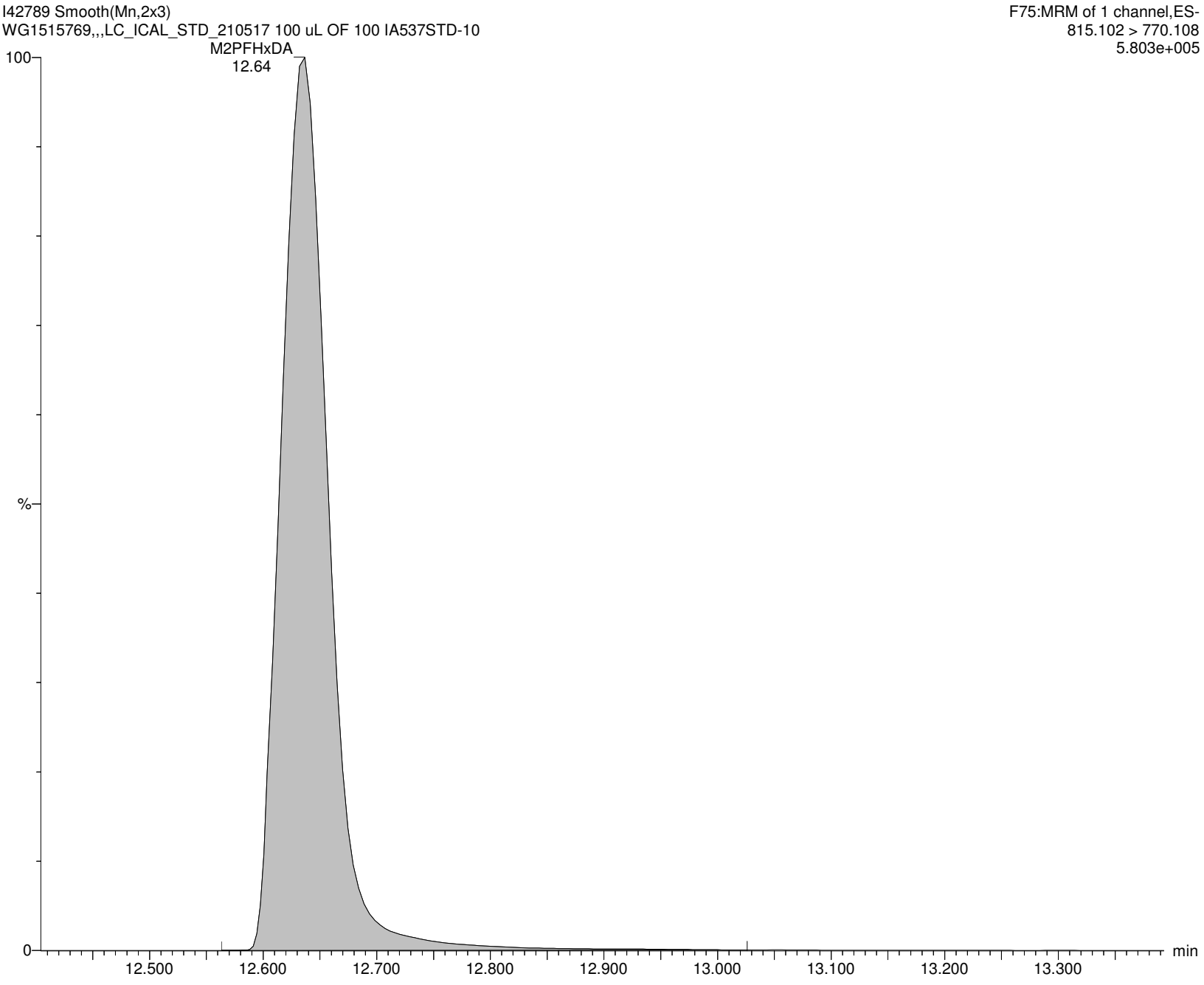


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFHxDA

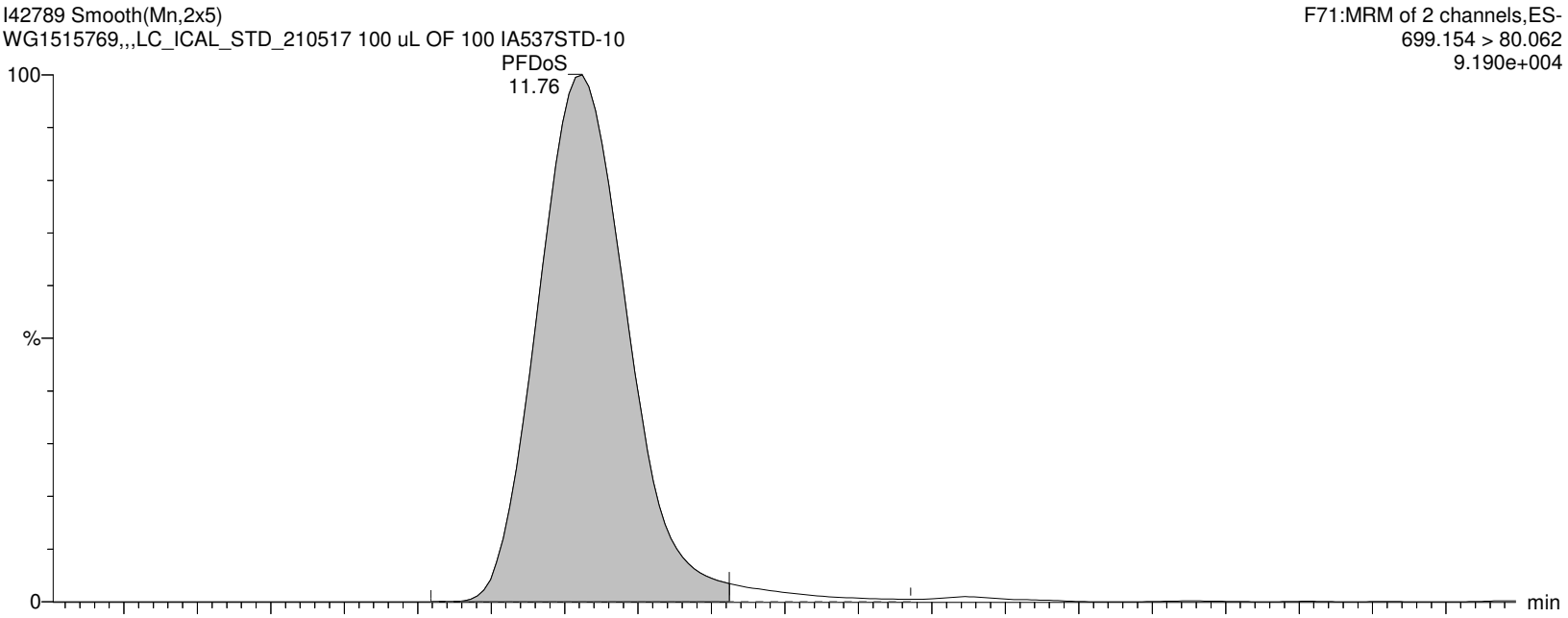


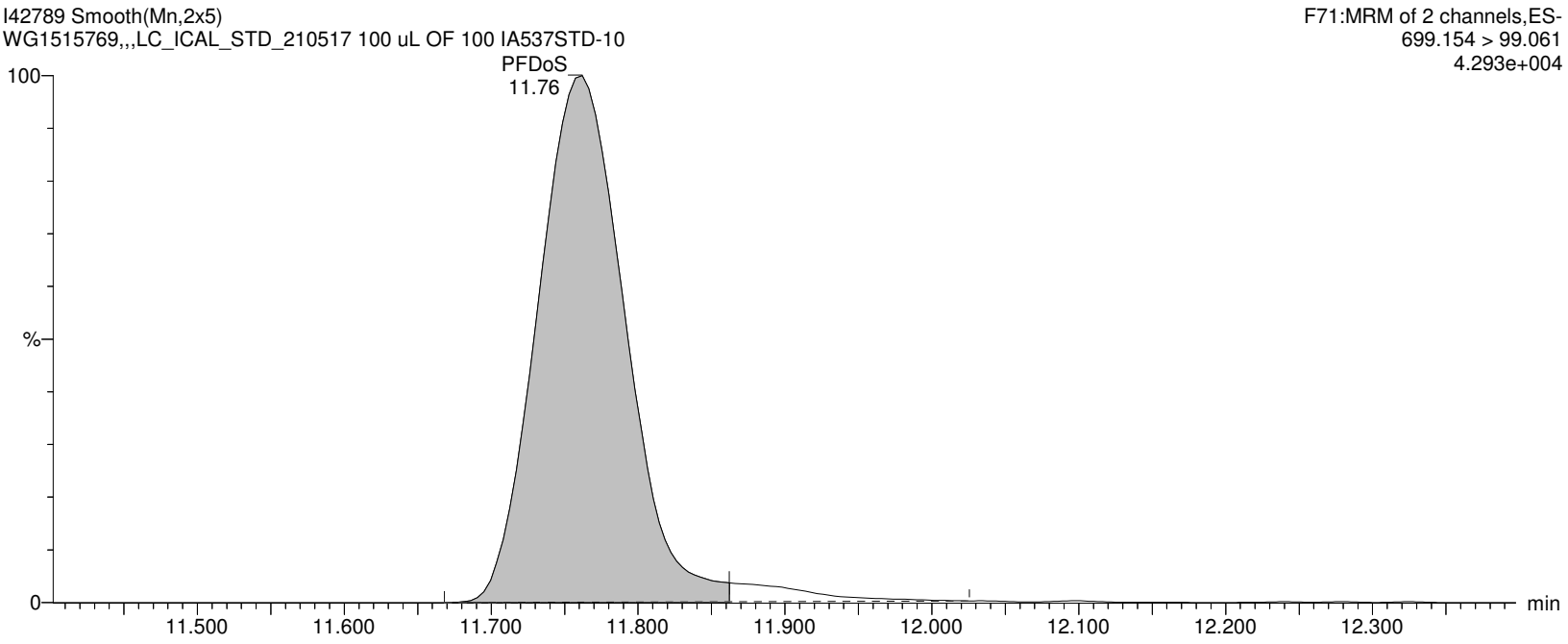
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoS



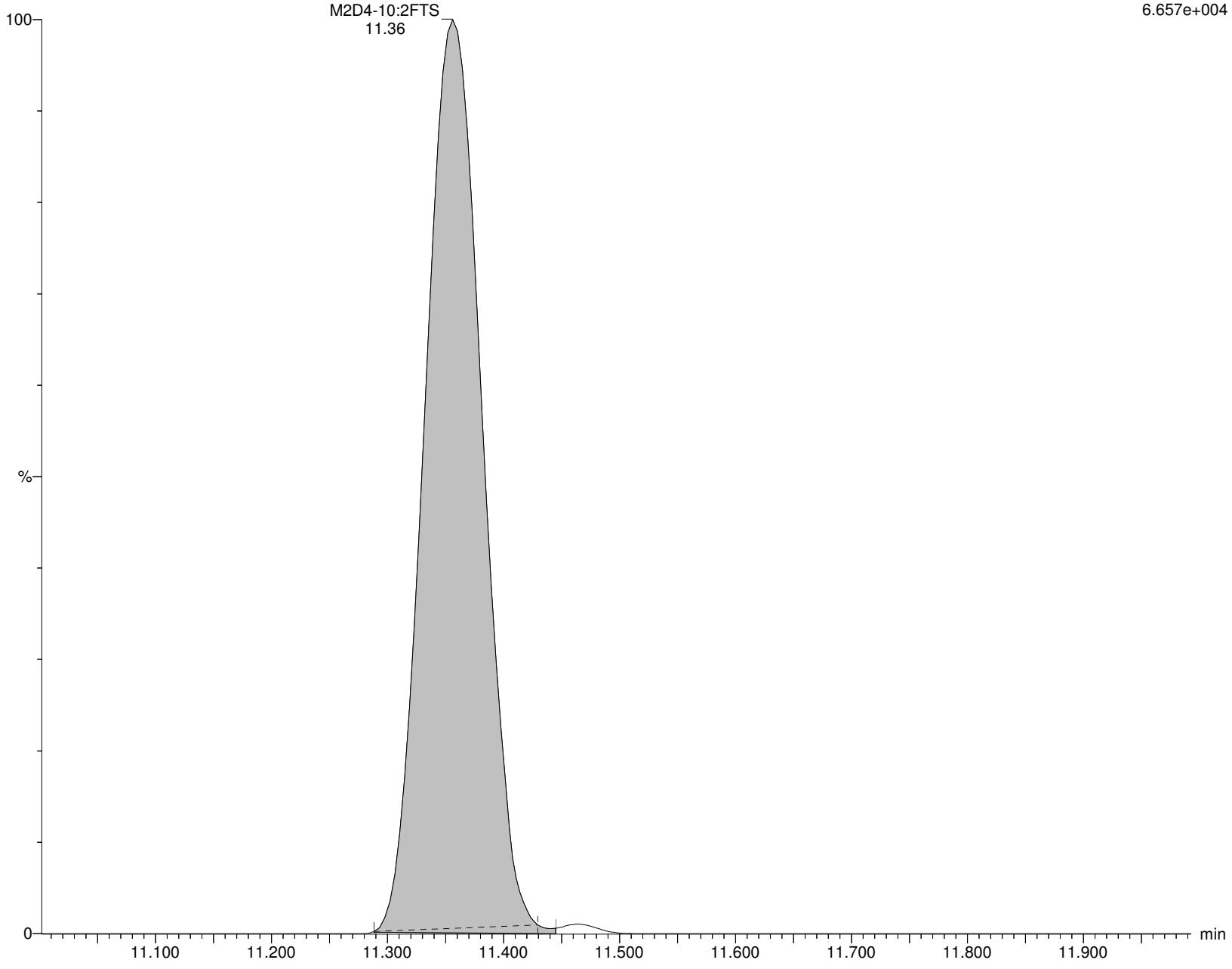


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2D4-10:2FTS

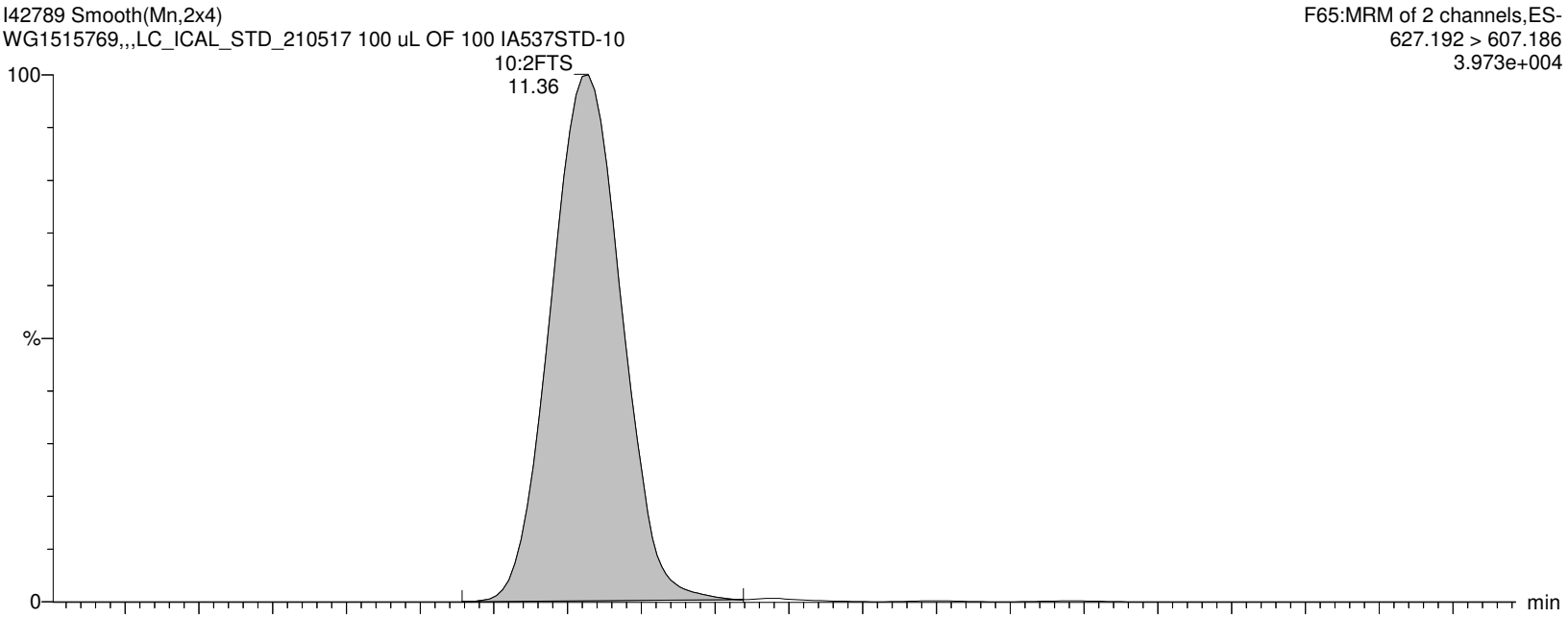


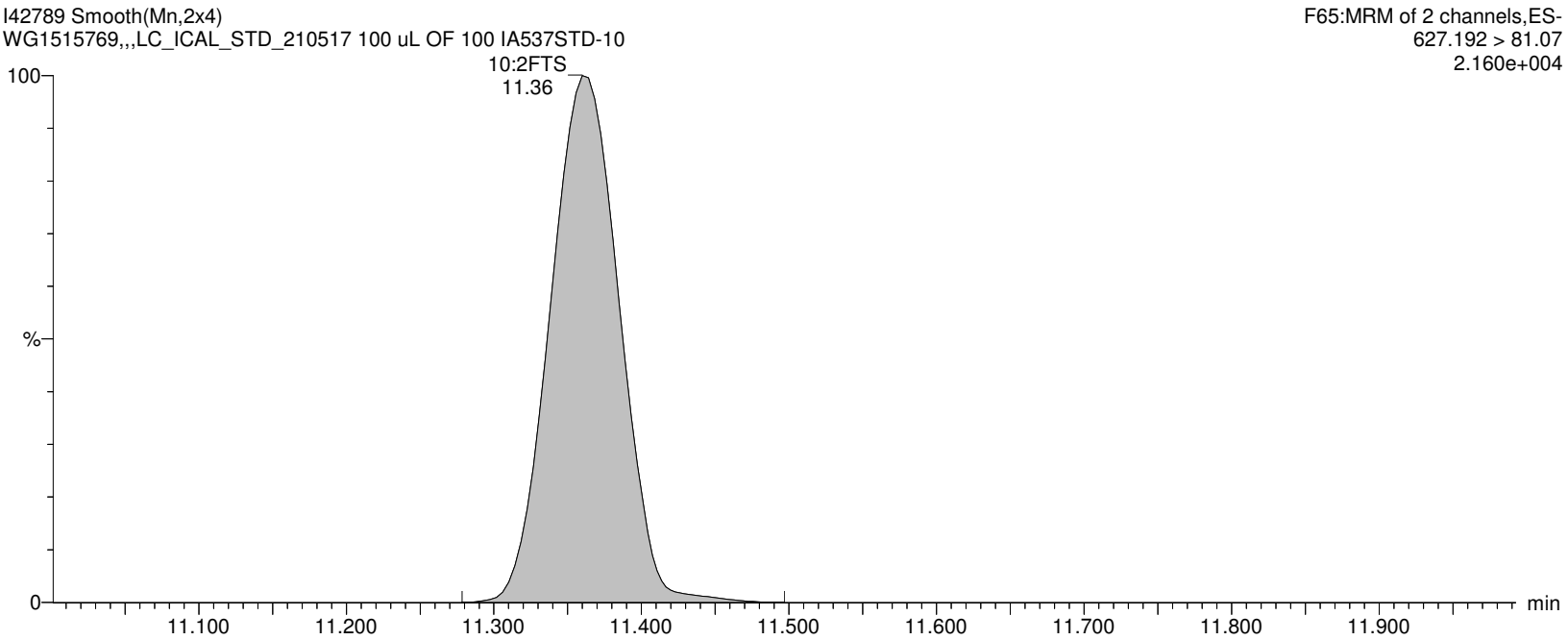
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

10:2FTS



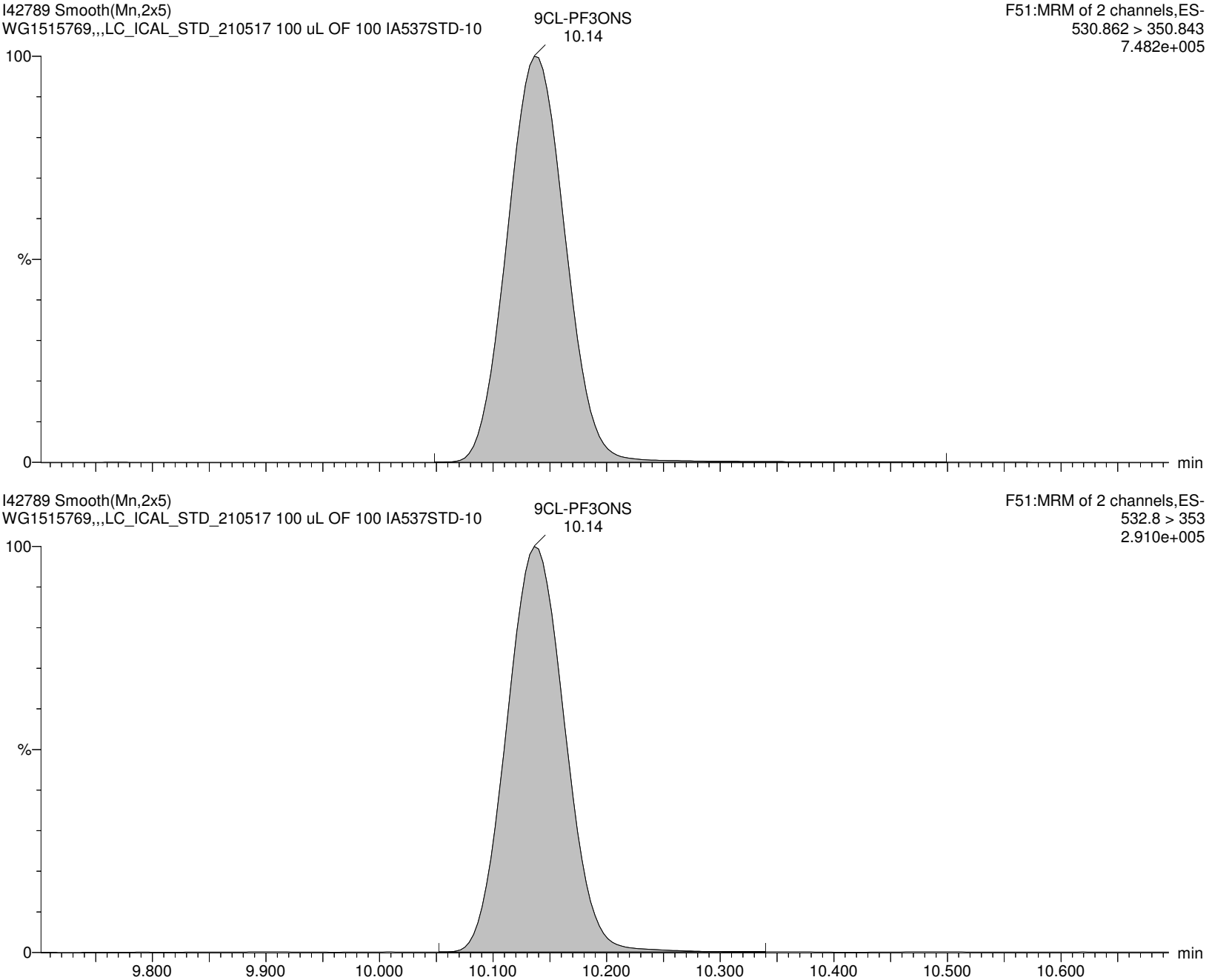


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

9CL-PF3ONS

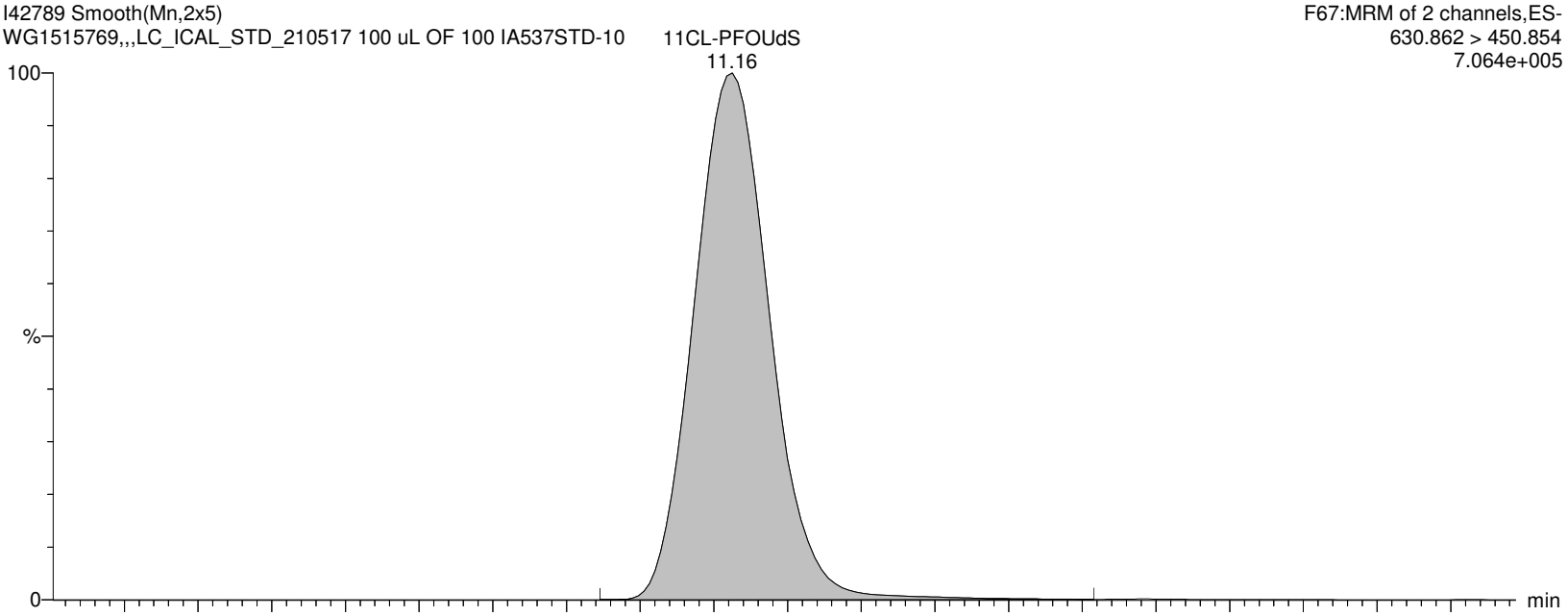


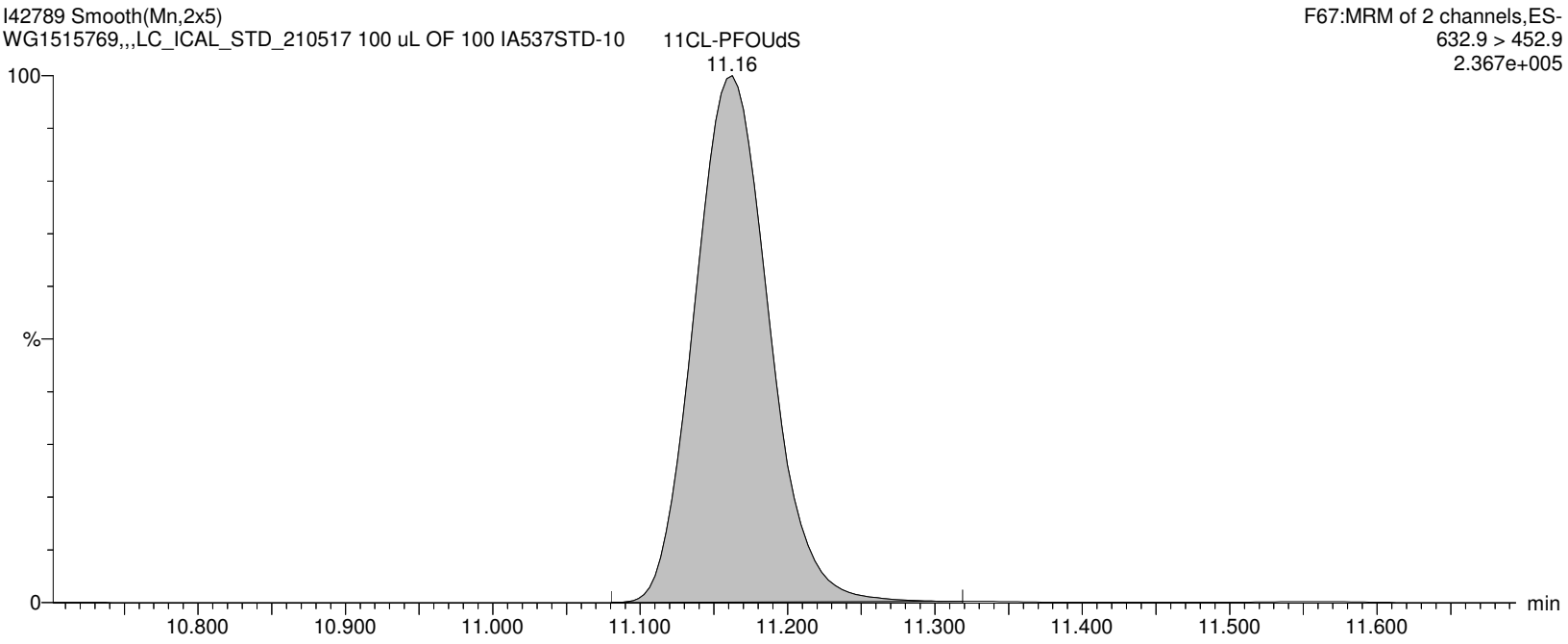
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

11CL-PFOUdS



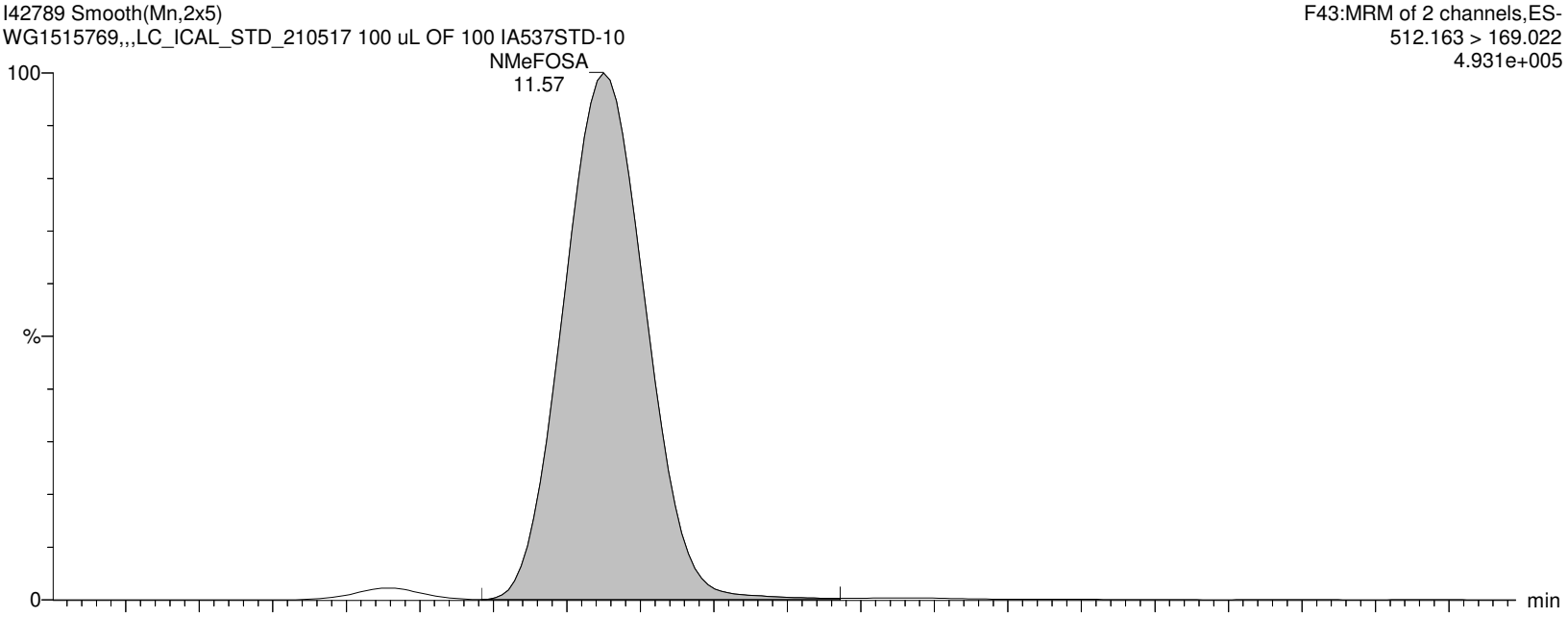


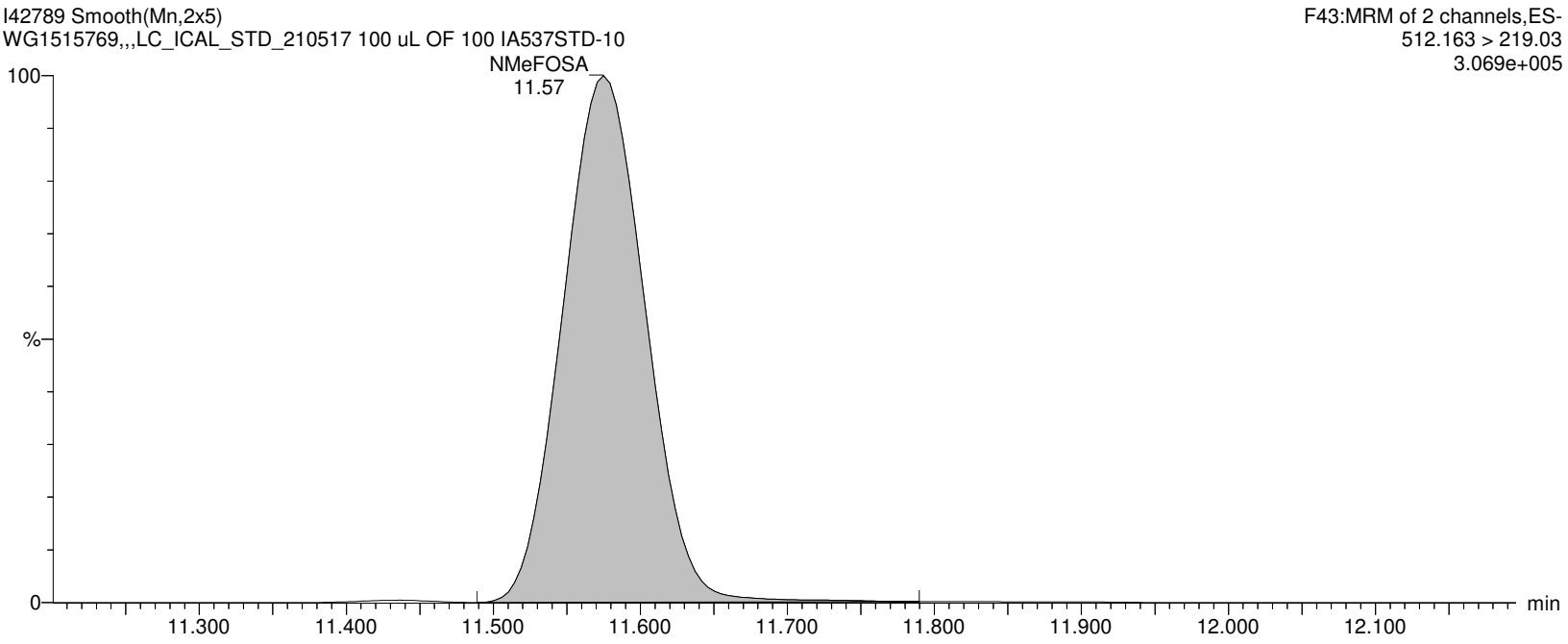
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSA



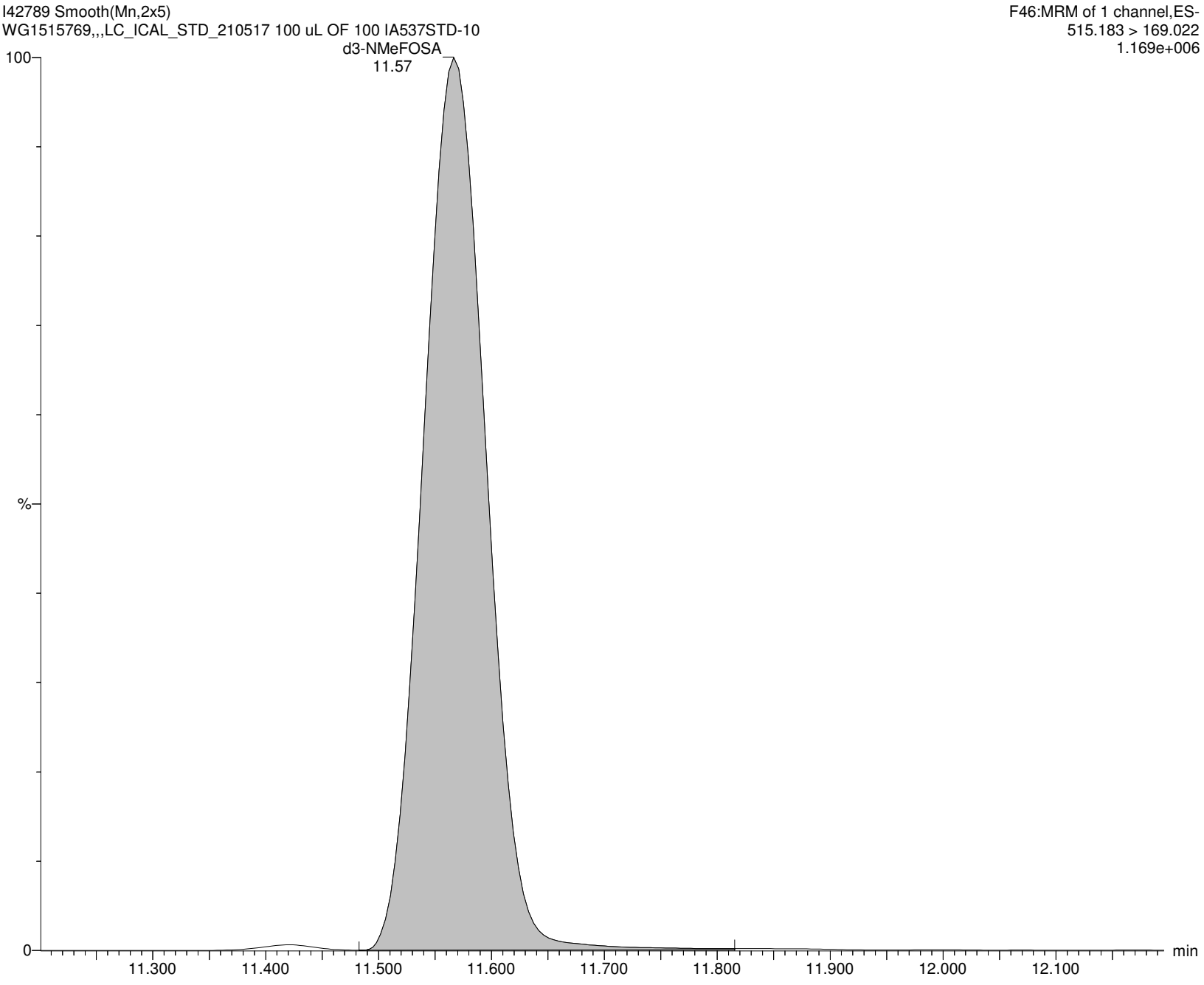


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSA

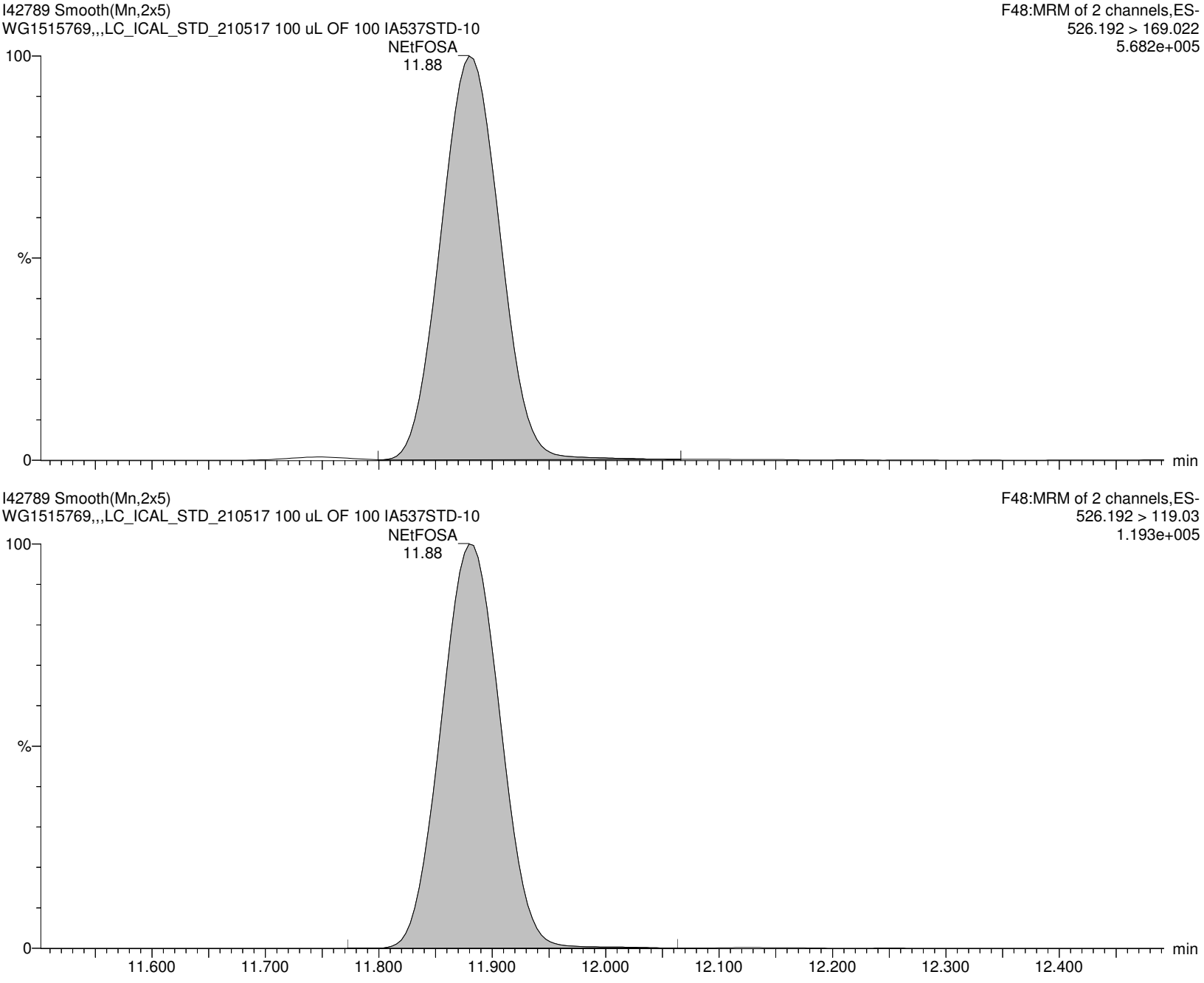


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSA

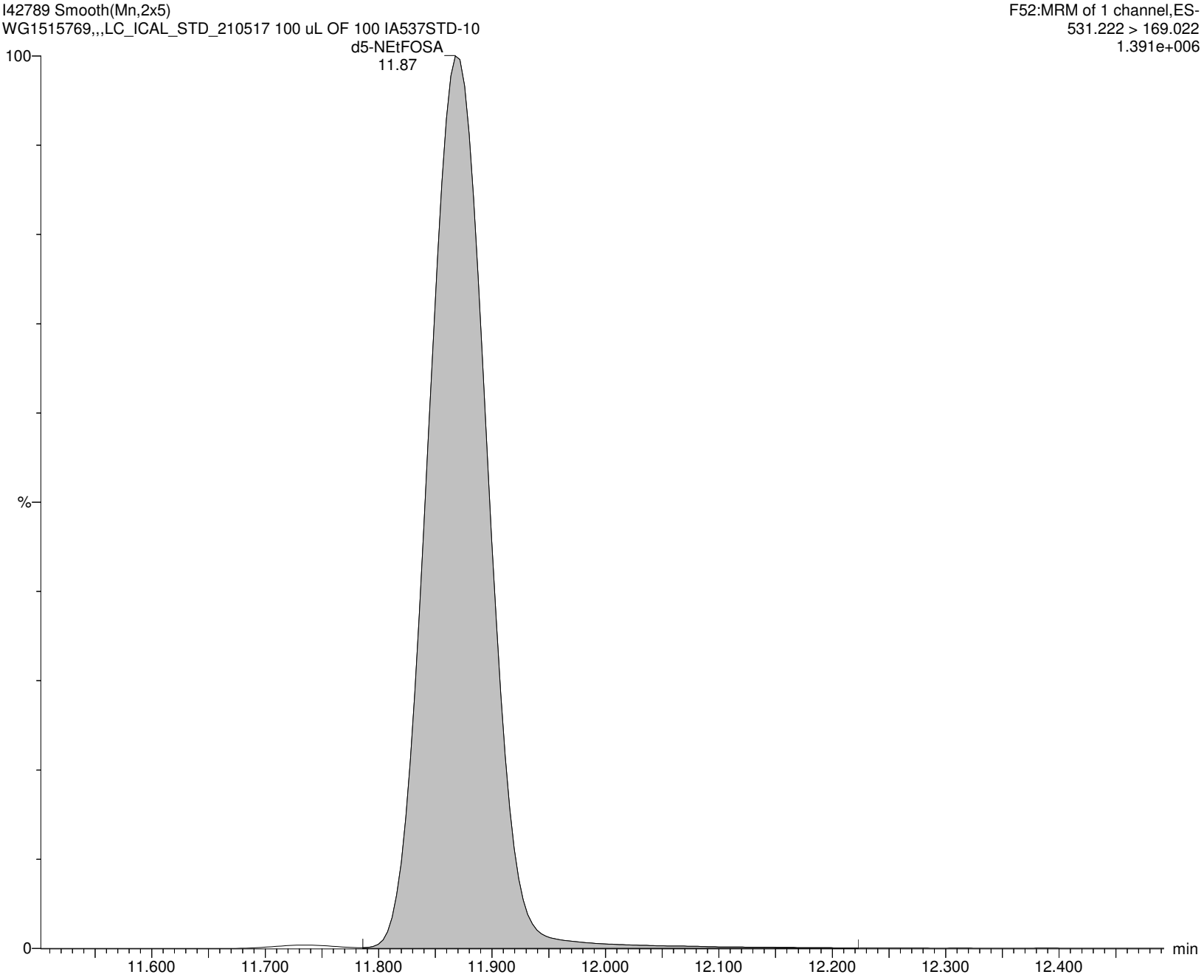


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSA

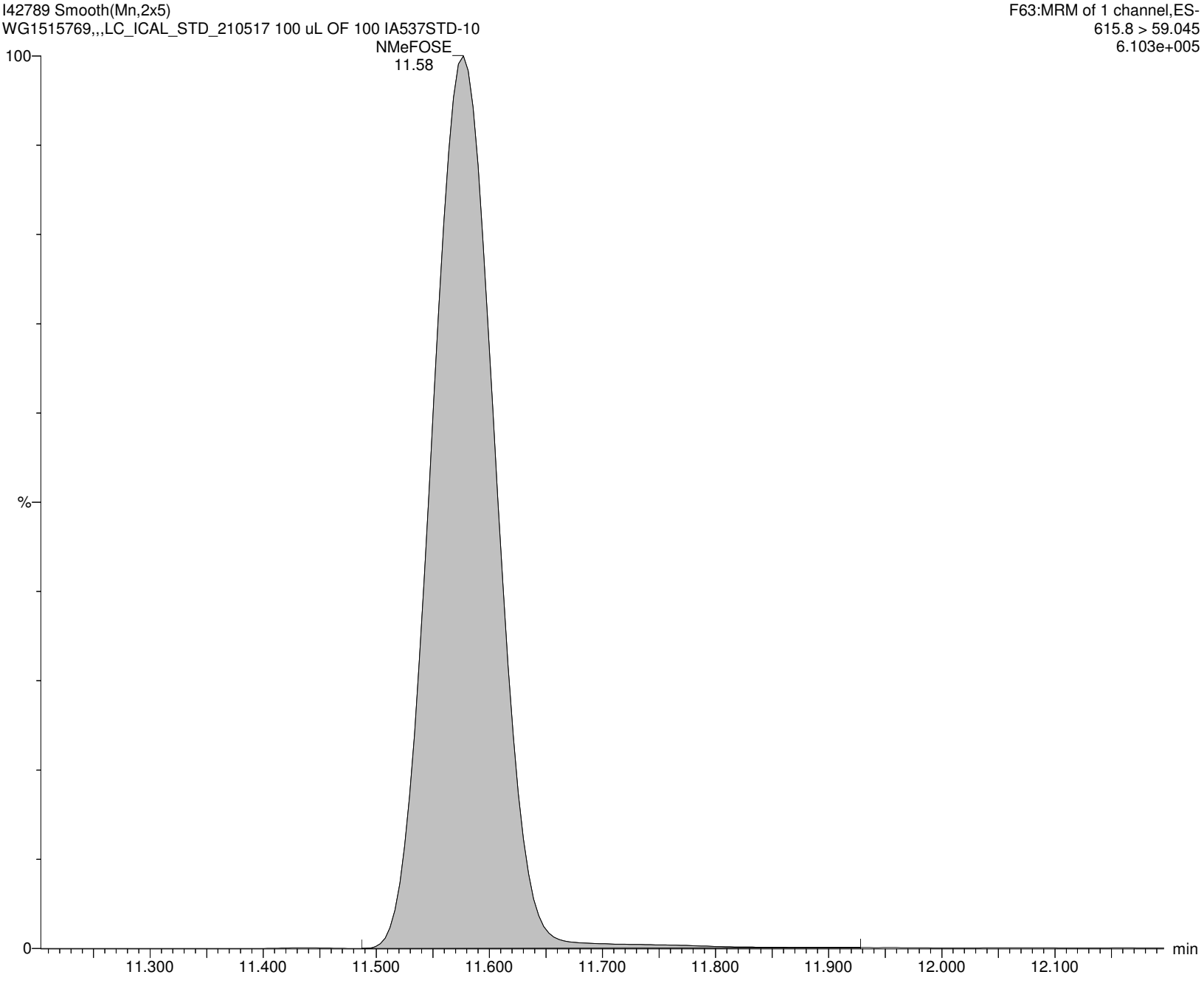


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSE

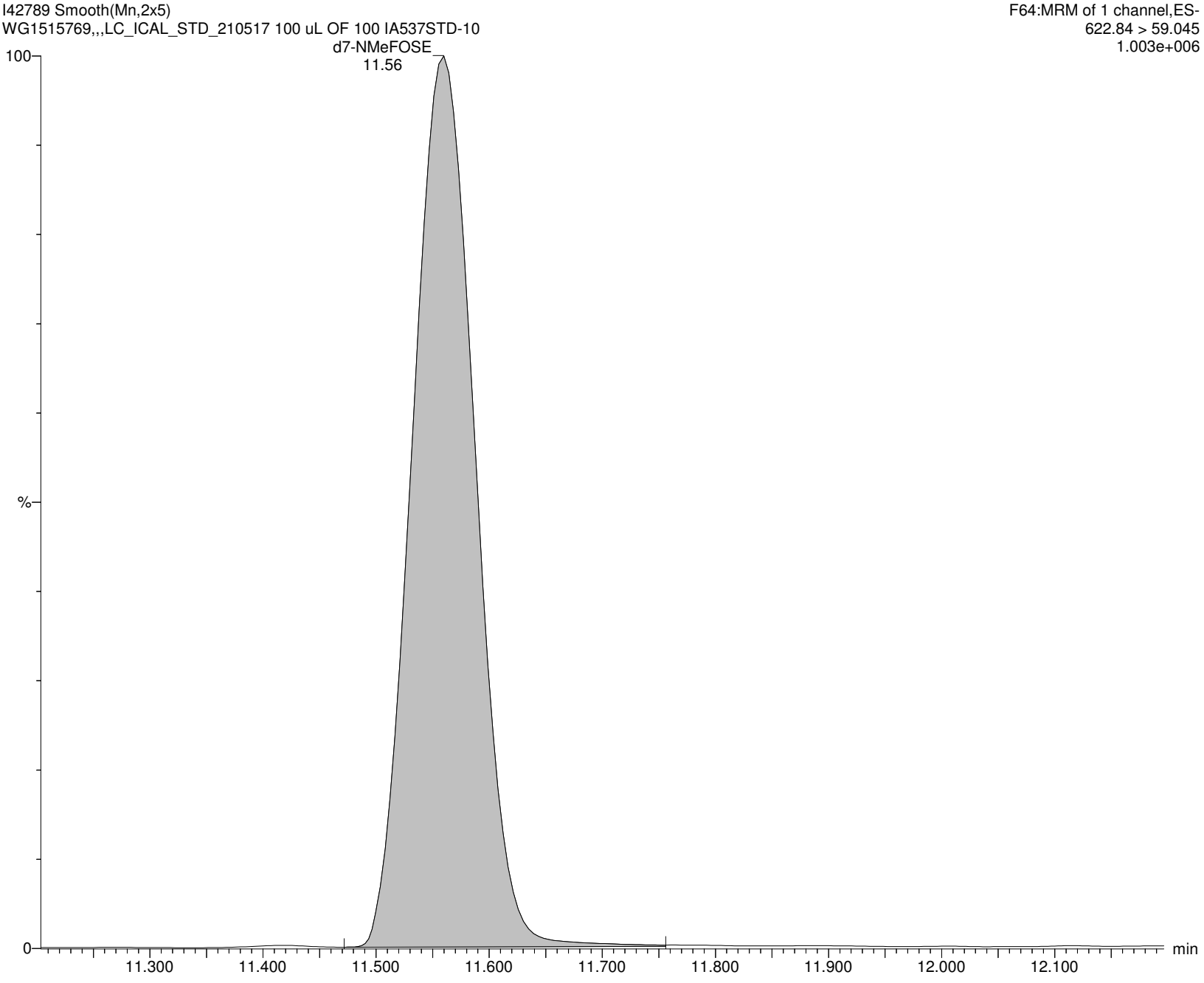


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d7-NMeFOSE

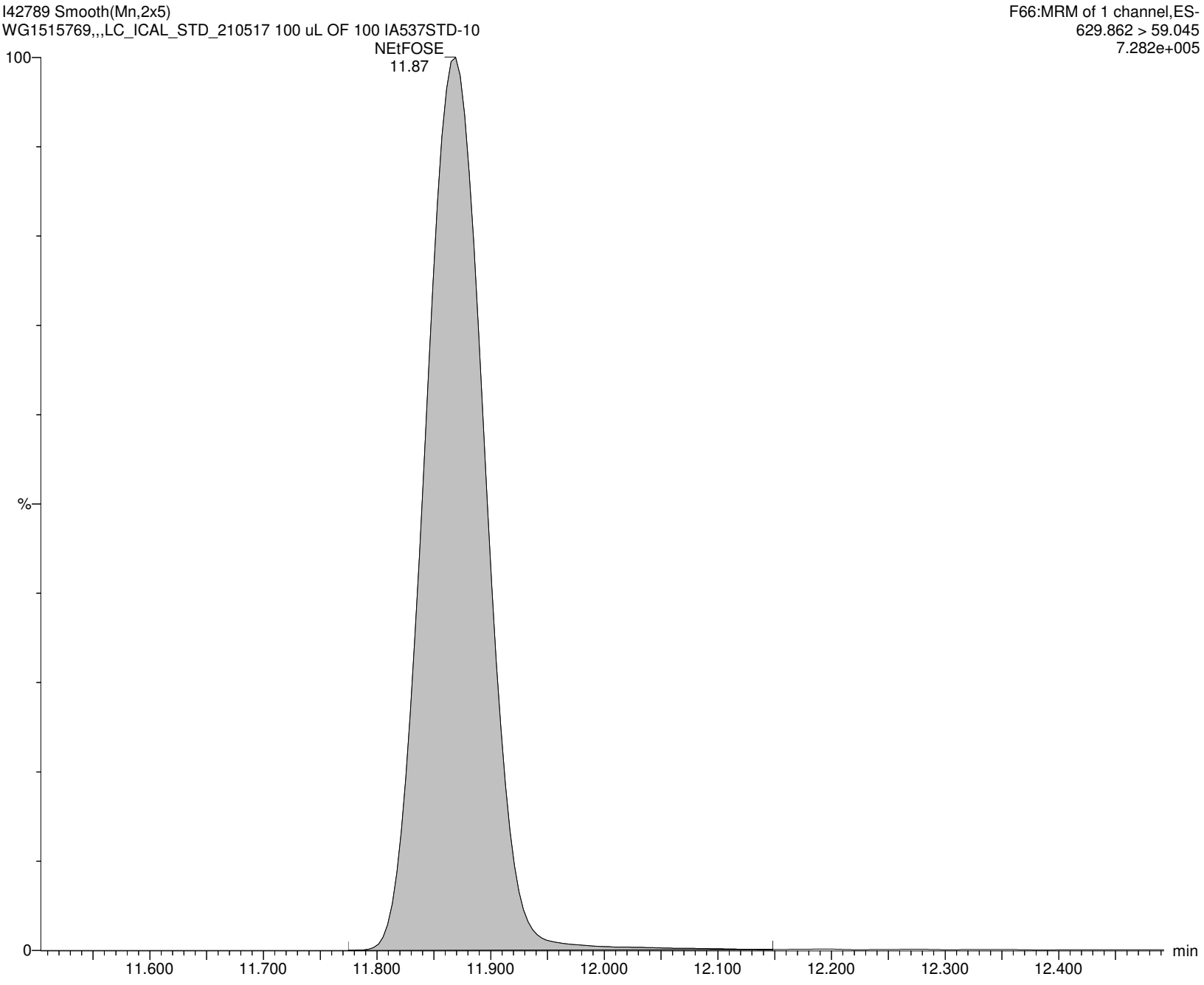


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSE

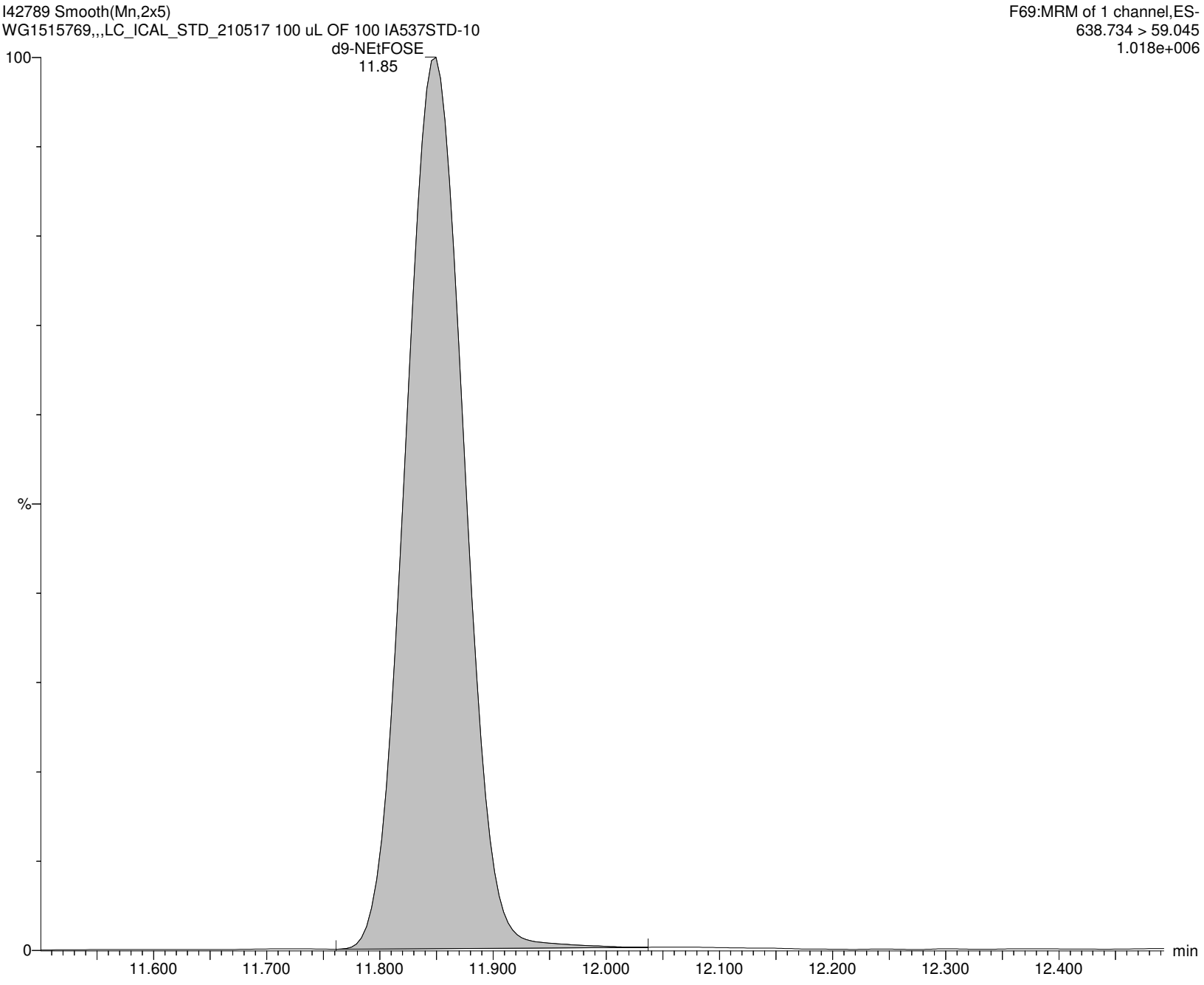


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d9-NEtFOSE

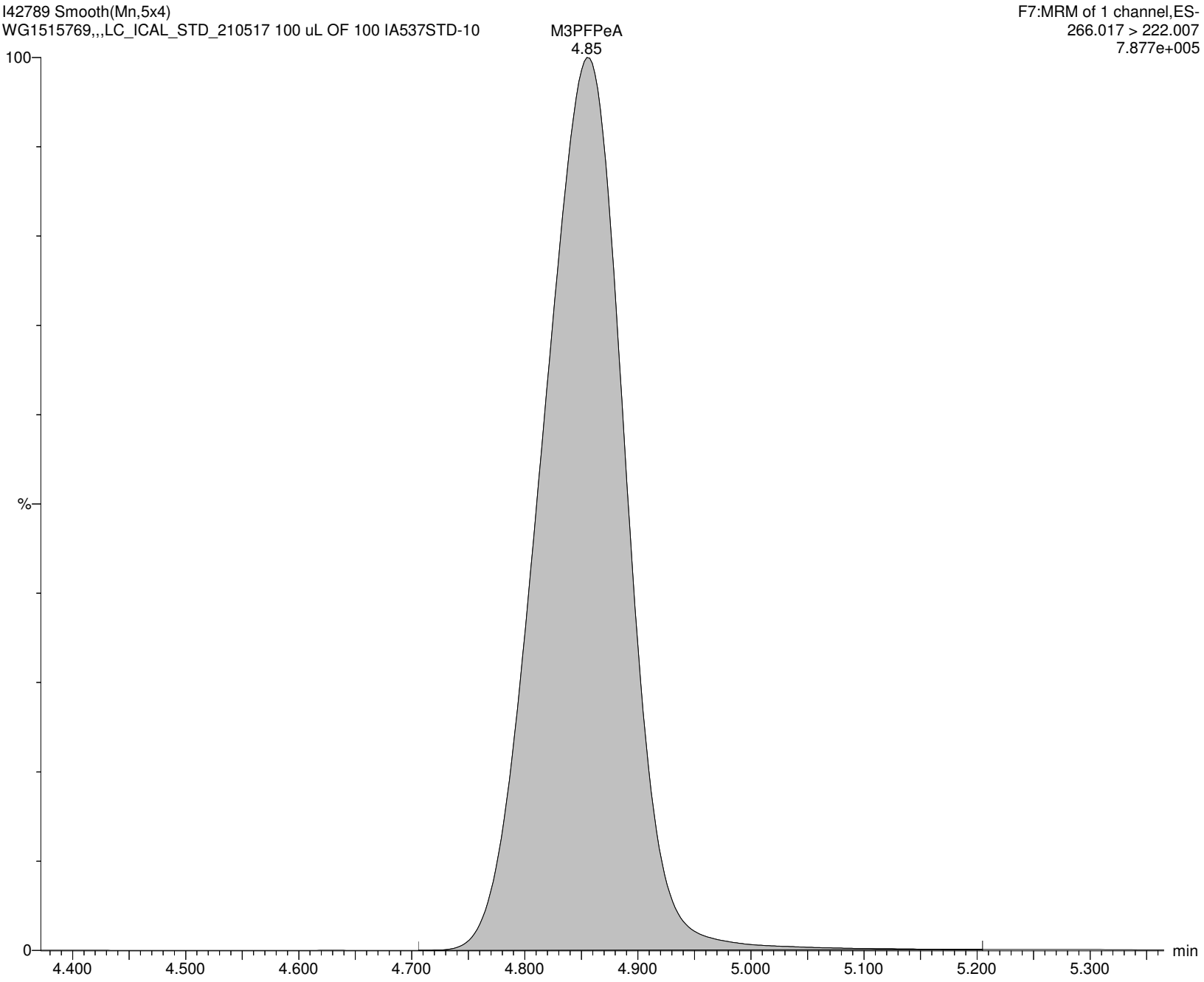


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFPeA

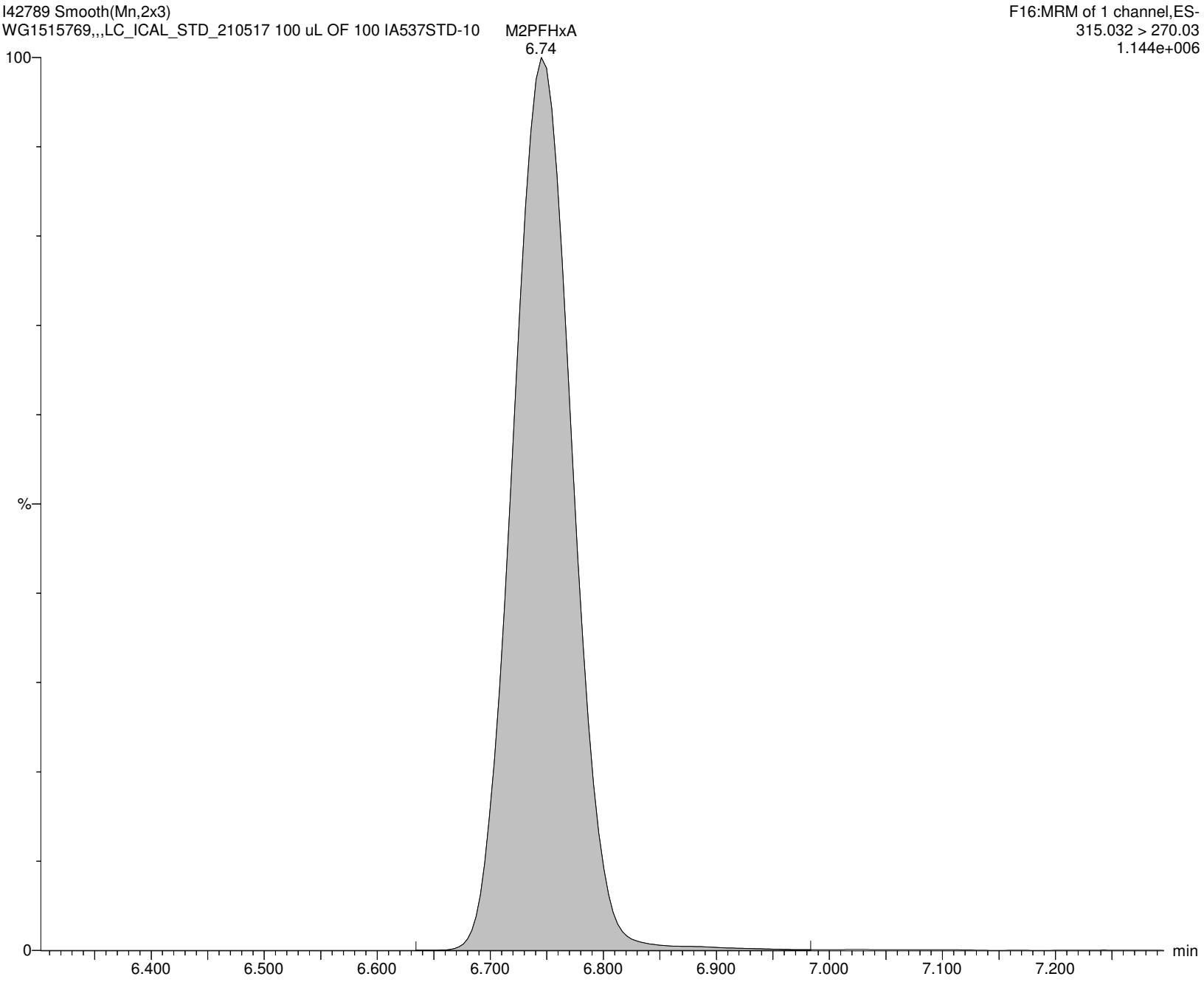


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFHxA

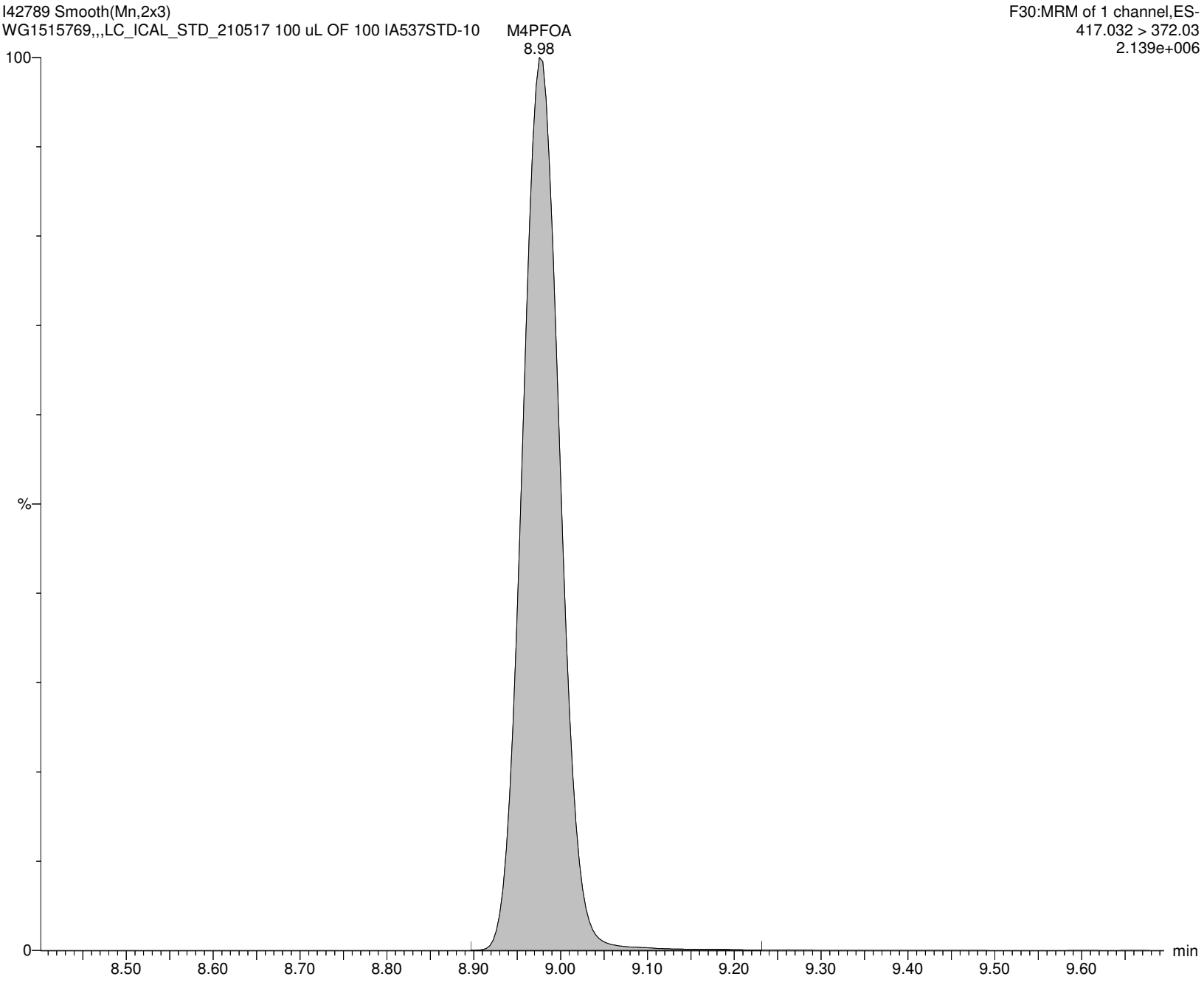


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOA

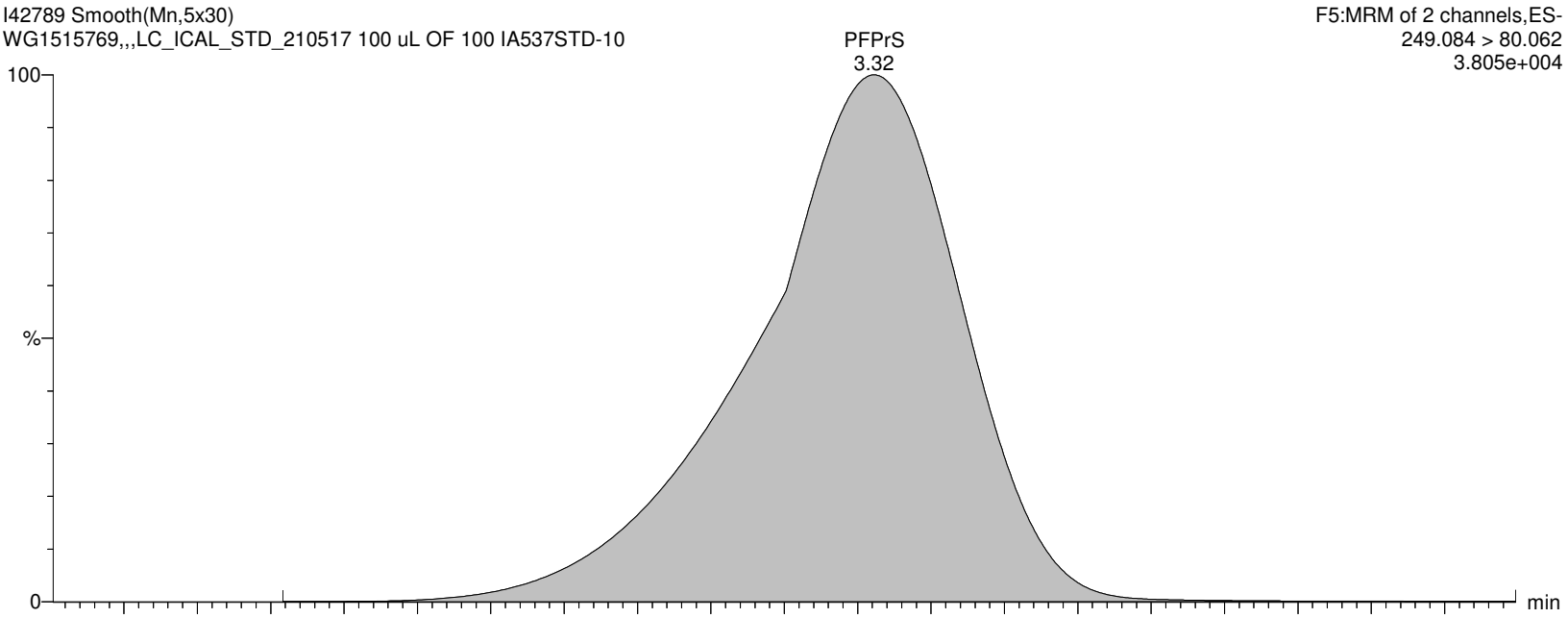


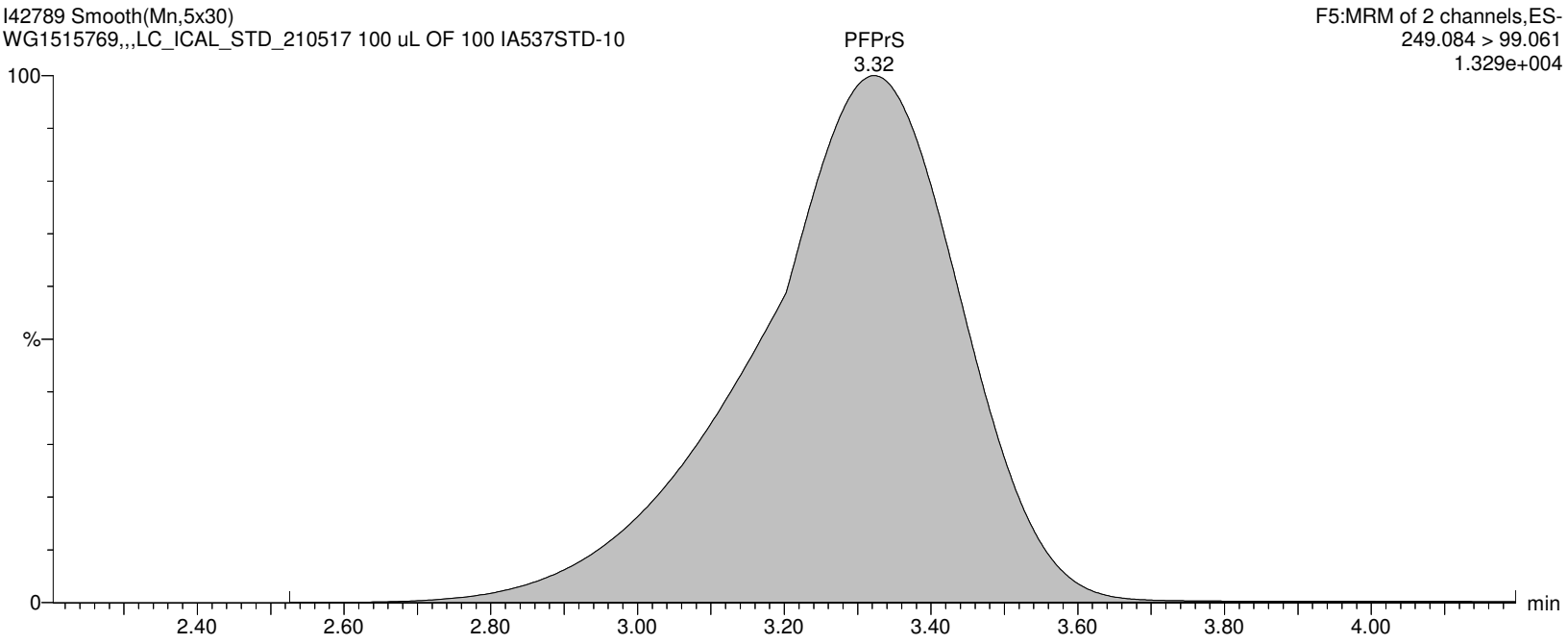
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPrS



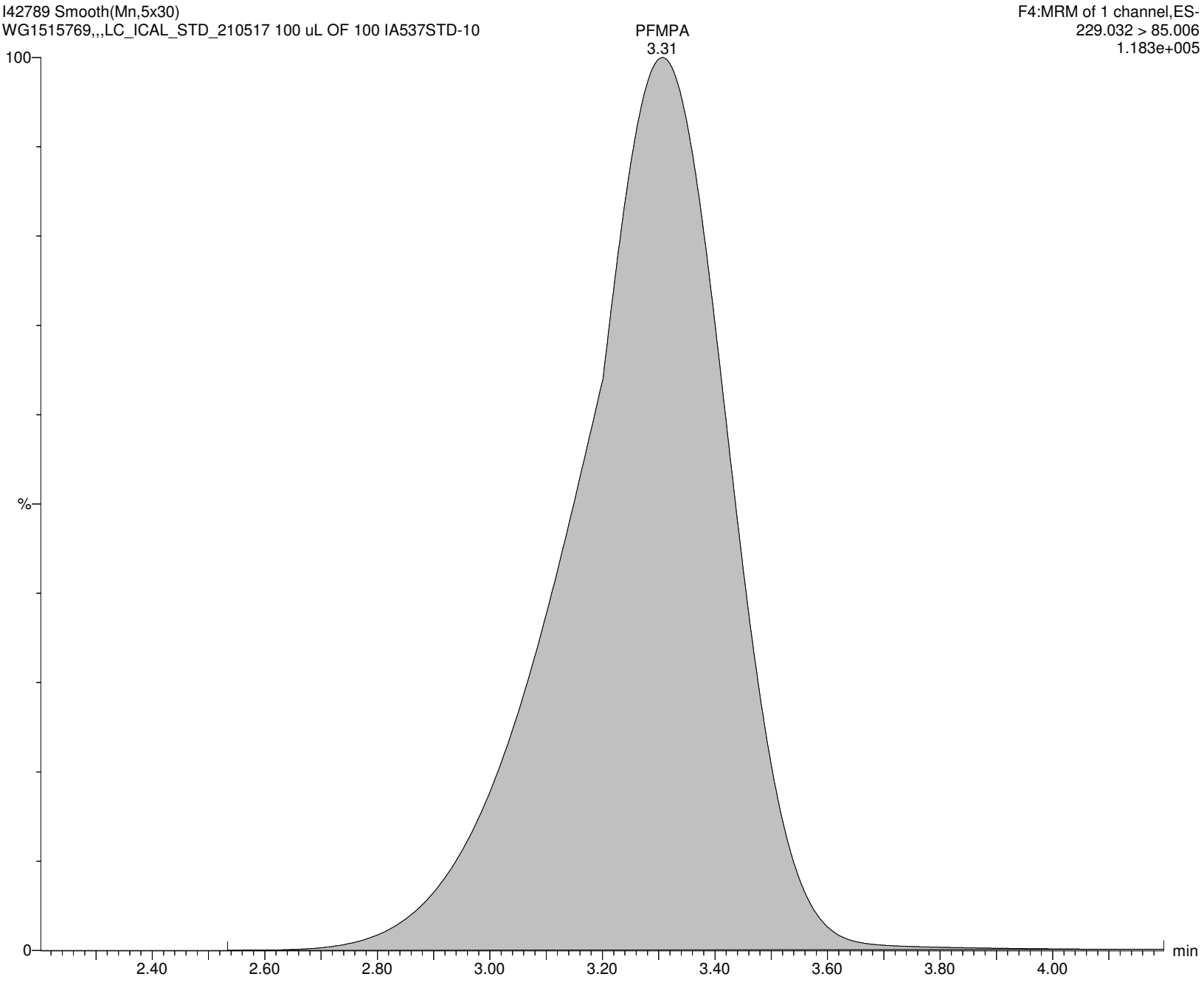


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFMPA

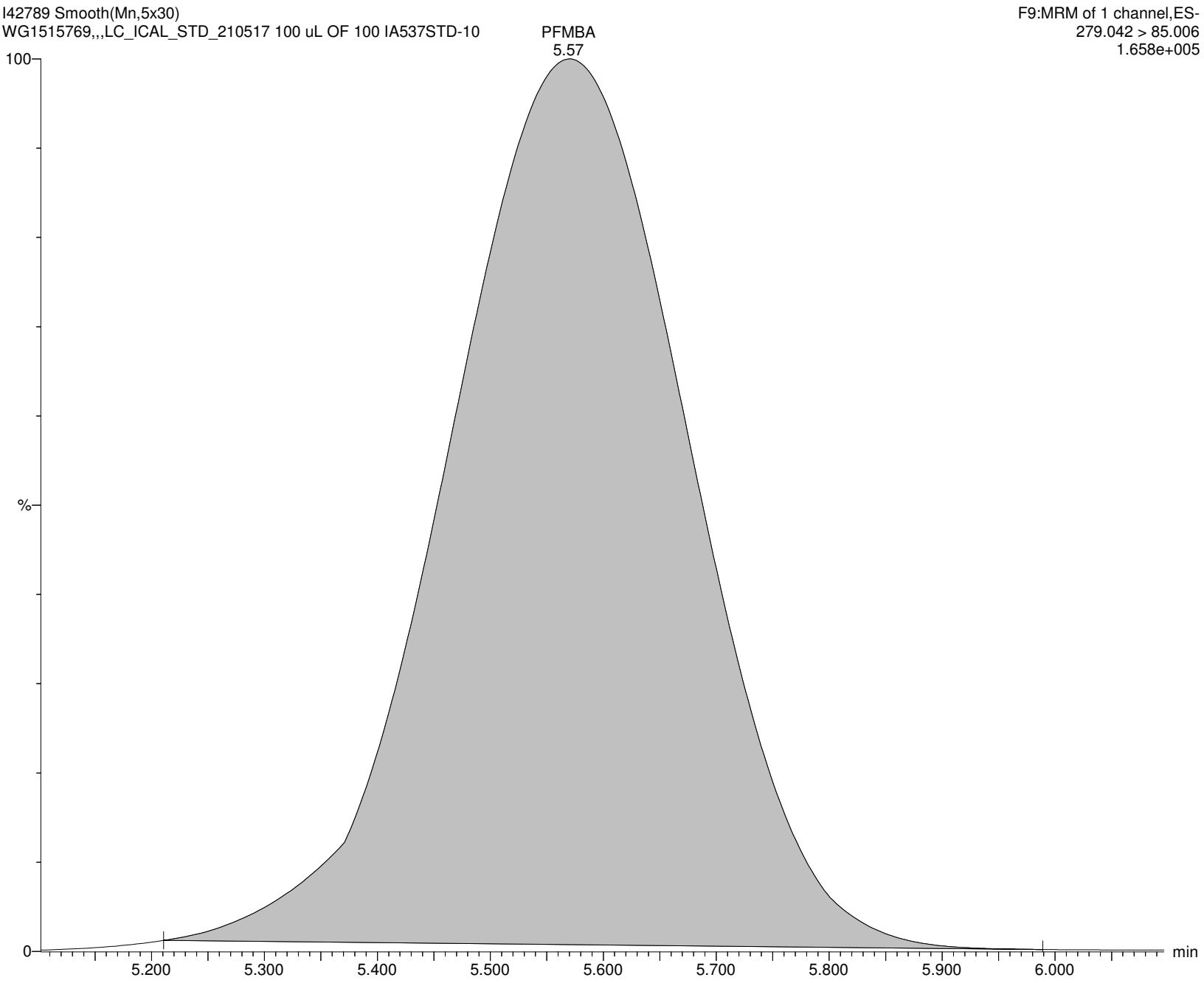


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFMBA

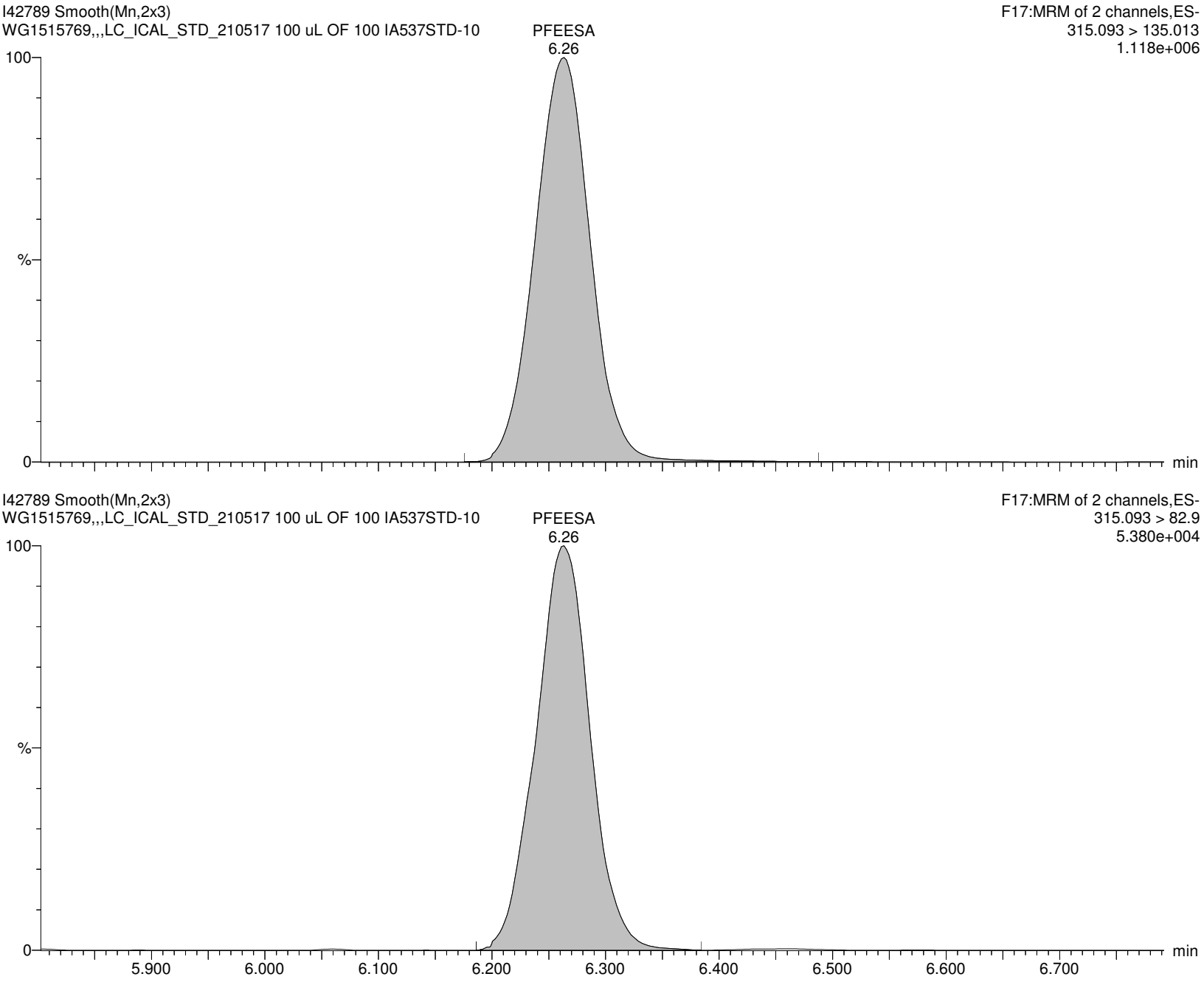


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFEESA

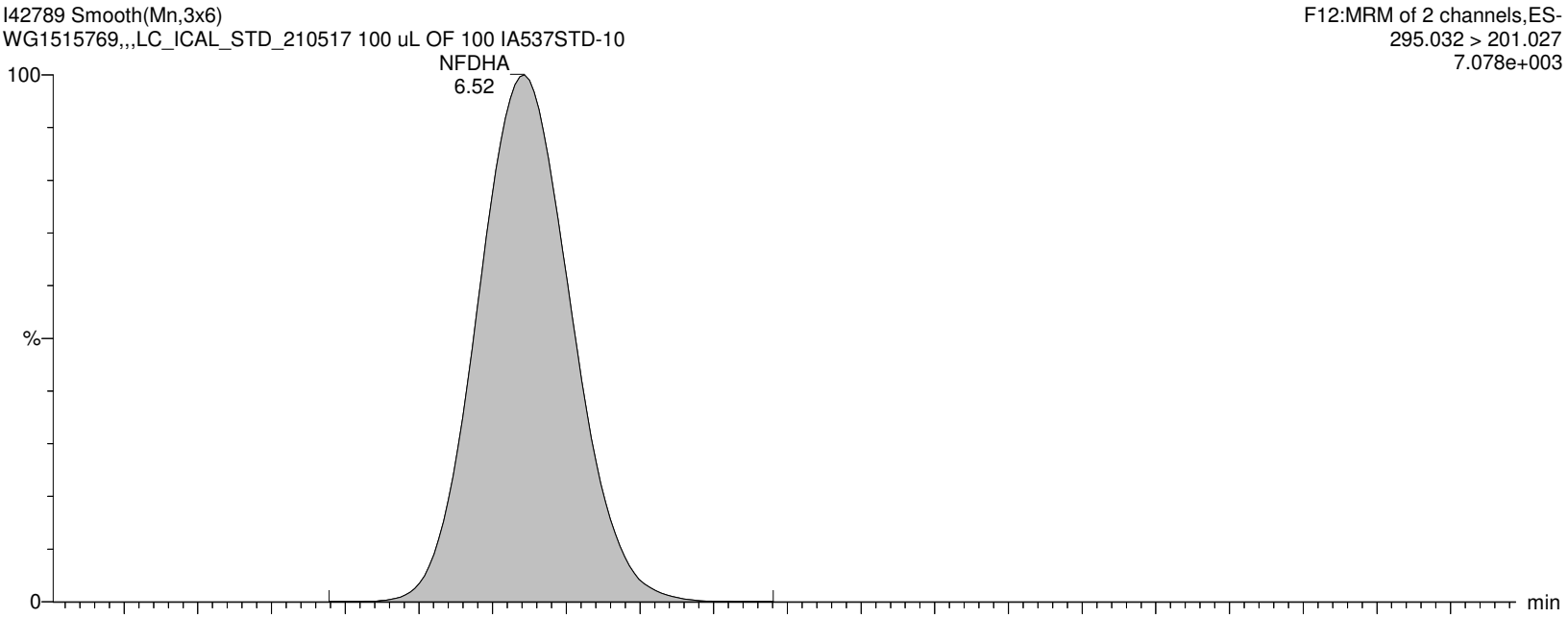


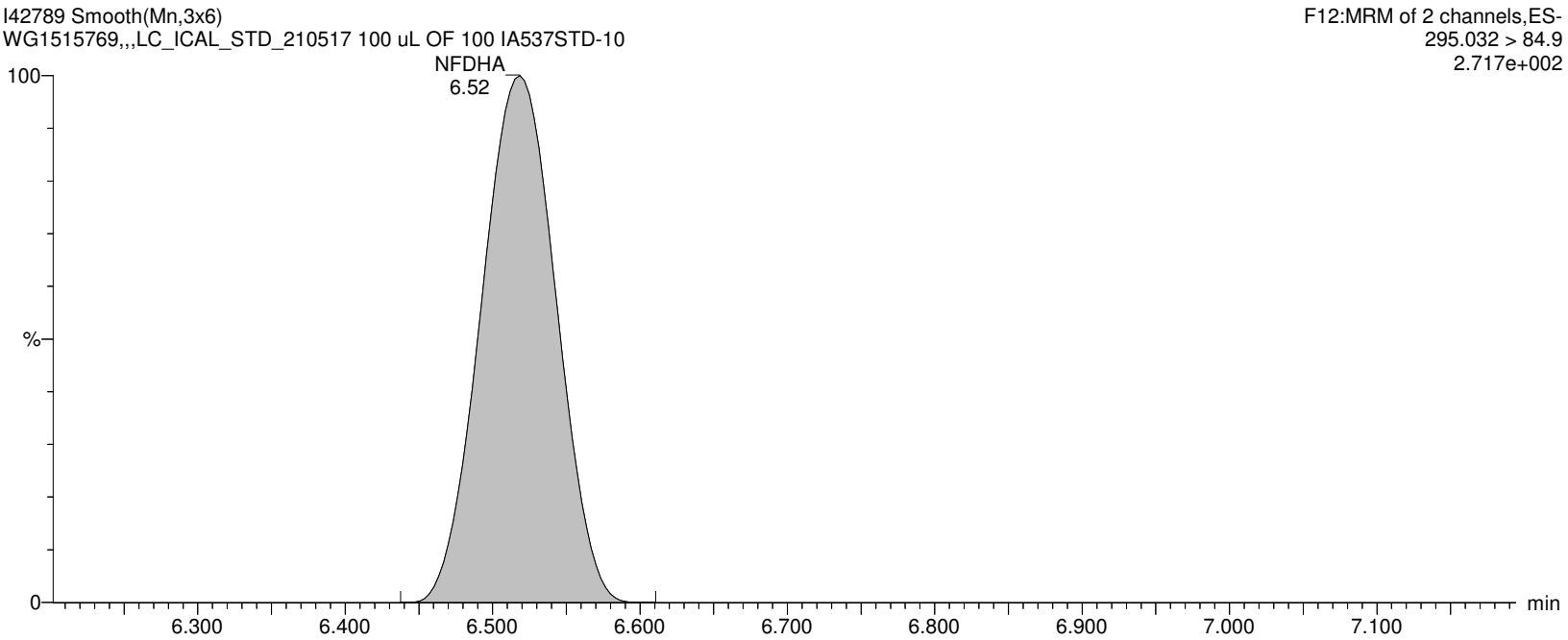
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:50 Eastern Daylight Time

Name: I42789
ID: IA537STD-10
Date: 25-Jun-2021
Time: 19:26:39
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100
User: LCMS02:RS
Vial: 1:C,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NFDHA





all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\MethDB\537ISO_Q_210625_TOP_RT.mdb 22 Jun 2021 09:28:25
Calibration: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

ID: IA537STD-25
Name: I42790
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	1.97	213.032 > 169.022	114716		22.556		na	90.2
2	M3PFBA	INT STD	1.97	216.009 > 171.999	54559		10.392		na	103.9
3	MPFBA	INT STD	1.97	217.001 > 171.999	57146		9.741		na	97.4
4	PFPeA	2706-90-3	4.84	263.039 > 219.03	135278		22.885		na	91.5
5	M5PFPEA	INT STD	4.84	268.001 > 222.999	62823		9.759		na	97.6
6	PFBS	375-73-5	5.51	299.092 > 80.062	27700		20.017	1.93	NO	90.5
7	M3PFBS	INT STD	5.51	302.069 > 80.062	12737		9.469		na	94.7
8	4:2FTS	757124-72-4	6.66	327.146 > 307.139	10485		23.169	2.53	NO	99.1
9	M2-4:2FTS	INT STD	6.66	329.13 > 309.124	4982		9.242		na	92.4
10	PFHxA	307-24-4	6.74	313.047 > 269.037	157728		22.410	15.95	NO	89.6
11	M5PFHxA	INT STD	6.74	318.009 > 273.007	66334		9.834		na	98.3
12	PFPeS	2706-91-4	7.07	349.1 > 80.062	30664		22.935	2.27	NO	97.6
13	PFHpA	375-85-9	8.02	363.055 > 319.045	224895		22.516	5.63	NO	90.1
14	M4PFHpA	INT STD	8.02	367.025 > 322.022	98717		9.816		na	98.2
15	br-PFHxS	355-46-4	7.95	399.107 > 80.062	5587	M5,M7	4.193	2.24	NO	98.7
16	L-PFHxS	355-46-4	8.19	399.107 > 80.062	26533		16.329	1.63	NO	88.3
17	PFHxS	355-46-4		399.107 > 80.062	32120		20.522		na	
18	M3PFHxS	INT STD	8.19	402.084 > 80.062	14892		9.763		na	97.6
19	br-PFOA	335-67-1		413.063 > 369.053			ND		YES	
20	L-PFOA	335-67-1	8.96	413.063 > 369.053	244079		23.153	8.87	NO	92.6
21	PFOA	335-67-1		413.063 > 369.053	244079		23.153		na	
22	M8PFOA	INT STD	8.96	421.002 > 376.	109397		9.768		na	97.7
23	M2PFOA	INT STD	8.96	415.048 > 370.045	110313		10.416		na	104.2
24	6:2FTS	27619-97-2	8.92	427.161 > 407.155	10666		22.642	3.66	NO	95.3
25	M2-6:2FTS	INT STD	8.92	429.146 > 409.14	5135		9.280		na	92.8
26	PFHpS	375-92-8	9.06	449.115 > 80.062	20907		22.037	1.10	NO	92.8
27	PFNA	375-95-1	9.72	463.071 > 419.061	178886		22.392	3.89	NO	89.6
28	M9PFNA	INT STD	9.72	472.002 > 427.	31982		9.942		na	99.4
29	br-PFOS	1763-23-1	9.59	499.123 > 80.062	7355	M5,M7	4.863	4.07	NO	97.3
30	L-PFOS	1763-23-1	9.78	499.123 > 80.062	21186		17.863	1.77	NO	97.9
31	PFOS	1763-23-1		499.123 > 80.062	28541		22.726		na	
32	M4PFOS	INT STD	9.78	503.093 > 80.062	12192		10.772		na	107.7
33	M8PFOS	INT STD	9.78	507.062 > 80.062	13242		9.693		na	96.9
34	PFDA	335-76-2	10.34	513.078 > 469.069	151684		21.404	5.41	NO	85.6
35	M2PFDA	INT STD	10.34	515.053 > 469.934	63236		10.366		na	103.7
36	M6PFDA	INT STD	10.34	519.033 > 474.03	71216		9.922		na	99.2
37	8:2FTS	39108-34-4	10.33	527.177 > 507.171	5239		23.447	4.37	NO	97.7
38	M2-8:2FTS	INT STD	10.33	529.162 > 509.155	3753		9.226		na	92.3
39	PFNS	68259-12-1	10.37	549.131 > 80.062	23136		22.616	1.48	NO	94.2

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

ID: IA537STD-25
Name: I42790
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.75	573.22 > 419.061	6145		9.084		na	90.8
41	br-NMeFOSAA		10.61	570.202 > 419.061	1376	M5,M7	5.671	1.16	NO	94.5
42	L-NMeFOSAA		10.76	570.202 > 419.061	13008		19.429	2.50	NO	102.3
43	NMeFOSAA	2355-31-9		570.202 > 419.061	14384		25.101		na	
44	PFUnA	2058-94-8	10.88	563.086 > 519.076	147101		21.793	9.70	NO	87.2
45	M7-PFUDA	INT STD	10.88	570.033 > 525.031	66917		9.997		na	100.0
46	PFDS	335-77-3	10.90	599.139 > 80.062	25997		23.650	1.74	NO	98.0
47	FOSA	754-91-6	10.95	498.146 > 78.07	74130		22.059	115.61	NO	88.2
48	M8FOSA	INT STD	10.94	506.077 > 78.07	39253		10.101		na	101.0
49	br-NEtFOSAA		10.91	584.229 > 419.061	979	M5,M7	5.399	0.60	NO	96.0
50	L-NEtFOSAA		11.06	584.229 > 419.061	9140		17.119	1.18	NO	88.4
51	NEtFOSAA	2991-50-6		584.229 > 419.061	10120		22.518		na	
52	d5-NEtFOSAA	INT STD	11.05	589.259 > 419.061	5412		9.681		na	96.8
53	PFDoA	307-55-1	11.34	613.094 > 569.084	148059		22.287	18.26	NO	89.1
54	MPFDOA	INT STD	11.35	615.079 > 570.077	63264		9.796		na	98.0
55	PFTrDA	72629-94-8	11.75	663.102 > 619.092	124111		25.841	11.33	NO	103.4
56	PFTA	376-06-7	12.11	713.11 > 669.1	85186		21.712	8.88	NO	86.8
57	M2PFTEDA	INT STD	12.11	715.094 > 670.092	20152		9.949		na	99.5
58	M3HFPO-DA	INT STD	7.17	287.02 > 169.022	6124		196.210		na	98.1
59	HFPO-DA	13252-13-6	7.18	285.035 > 169.022	6837		229.948	3.05	NO	92.0
60	ADONA	958445-44-8	8.20	377.06 > 251.028	195045		22.451	40.57	NO	94.9
61	PFHxDA		12.63	813.122 > 769.116	43163		22.454	22.01	NO	89.8
62	PFODA		12.86	913.411 > 869.131	5430	M4	23.072	23.90	NO	92.3
63	M2PFHxDA		12.63	815.102 > 770.108	29075		9.800		na	98.0
64	PFDoS		11.75	699.154 > 80.062	16264		22.652	2.26	NO	90.6
65	M2D4-10:2FTS		11.35	633.201 > 612.189	3802	M4	17.651		na	89.3
66	10:2FTS		11.36	627.192 > 607.186	5018	M2,M7	22.467	2.02	NO	93.2
67	9CL-PF3ONS		10.13	530.862 > 350.843	109916		20.621	2.61	NO	88.5
68	11CL-PFOUdS		11.15	630.862 > 450.854	103975		21.067	3.08	NO	89.5
69	NMeFOSA		11.57	512.163 > 169.022	74670		117.412	1.61	NO	93.9
70	d3-NMeFOSA		11.56	515.183 > 169.022	78537		98.646		na	98.6
71	NEtFOSA		11.87	526.192 > 169.022	82276		117.053	4.83	NO	93.6
72	d5-NEtFOSA		11.86	531.222 > 169.022	88626		100.276		na	100.3
73	NMeFOSE		11.57	615.8 > 59.045	90417		63.397		na	101.4
74	d7-NMeFOSE		11.55	622.84 > 59.045	65945		101.004		na	101.0
75	NEtFOSE		11.86	629.862 > 59.045	105281		61.941		na	99.1
76	d9-NEtFOSE		11.84	638.734 > 59.045	65592		99.490		na	99.5
77	M3PFPeA		4.85	266.017 > 222.007	68747		10.143		na	101.4
78	M2PFHxA		6.74	315.032 > 270.03	70537		10.222		na	102.2
79	M4PFOA		8.96	417.032 > 372.03	106945		10.057		na	100.6
80	PFPrS	423-41-6	3.32	249.084 > 80.062	28557		22.312	2.89	NO	97.4
81	PFMPA		3.30	229.032 > 85.006	87505		23.766		na	95.1
82	PFMBA		5.56	279.042 > 85.006	96113		23.667		na	94.7

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

ID: IA537STD-25
Name: I42790
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
83	PFEESA		6.25	315.093 > 135.013	152006		21.895	21.05	NO	98.4
84	NFDHA		6.51	295.032 > 201.027	1091		22.689	45.64	NO	90.8

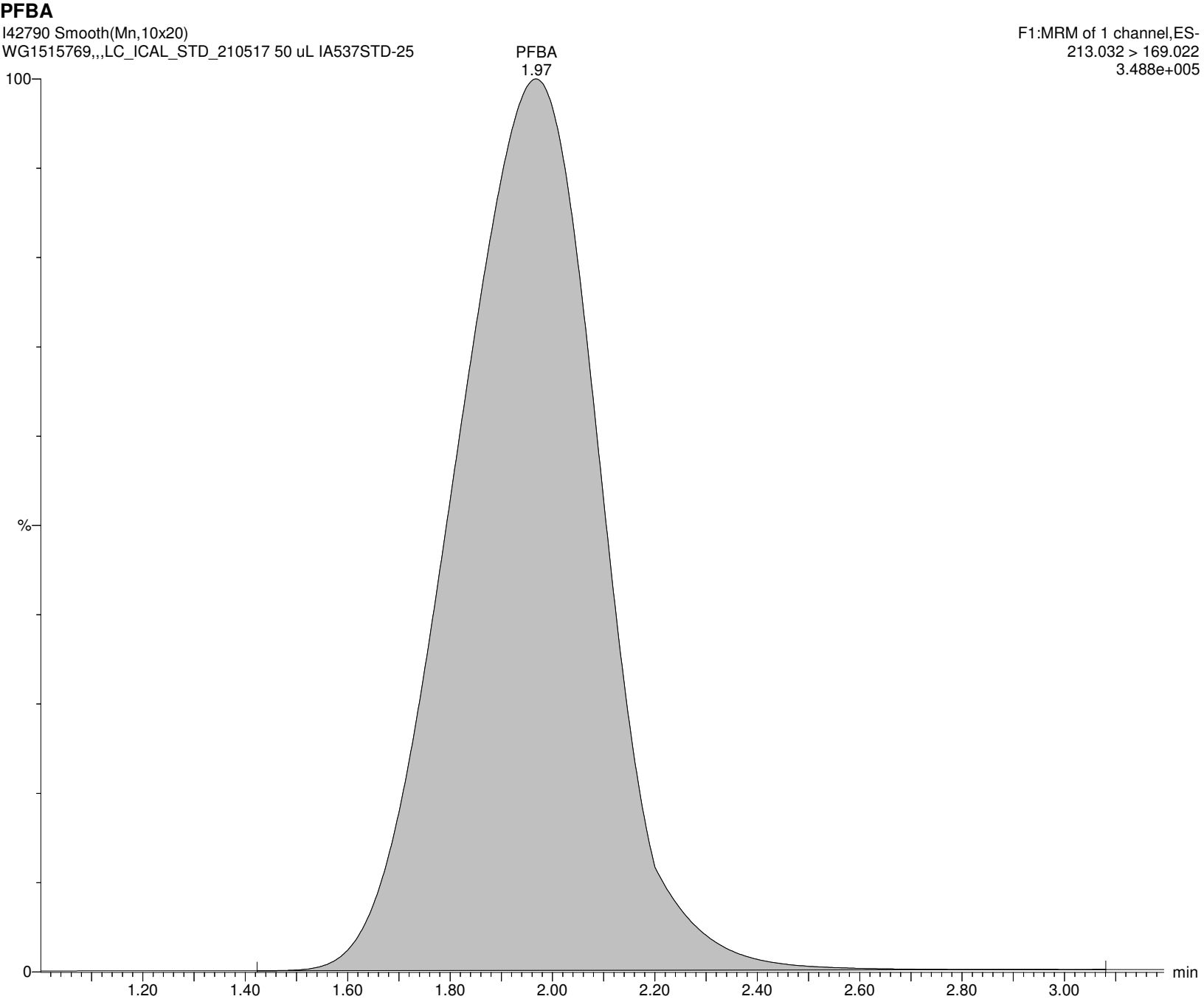
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\MethDB\537ISO_Q_210625_TOP_RT.mdb 22 Jun 2021 09:28:25
Calibration: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBA

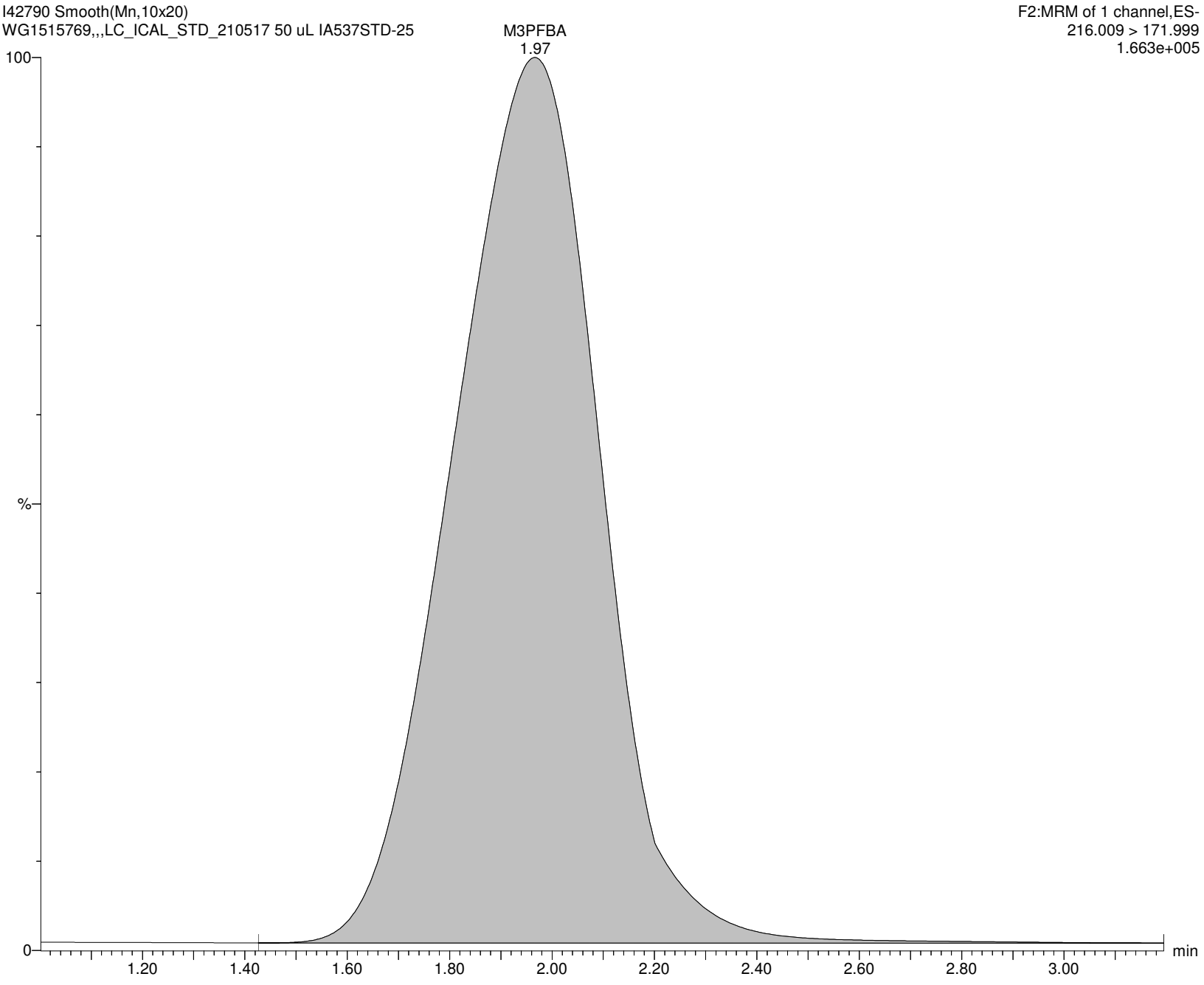


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBA

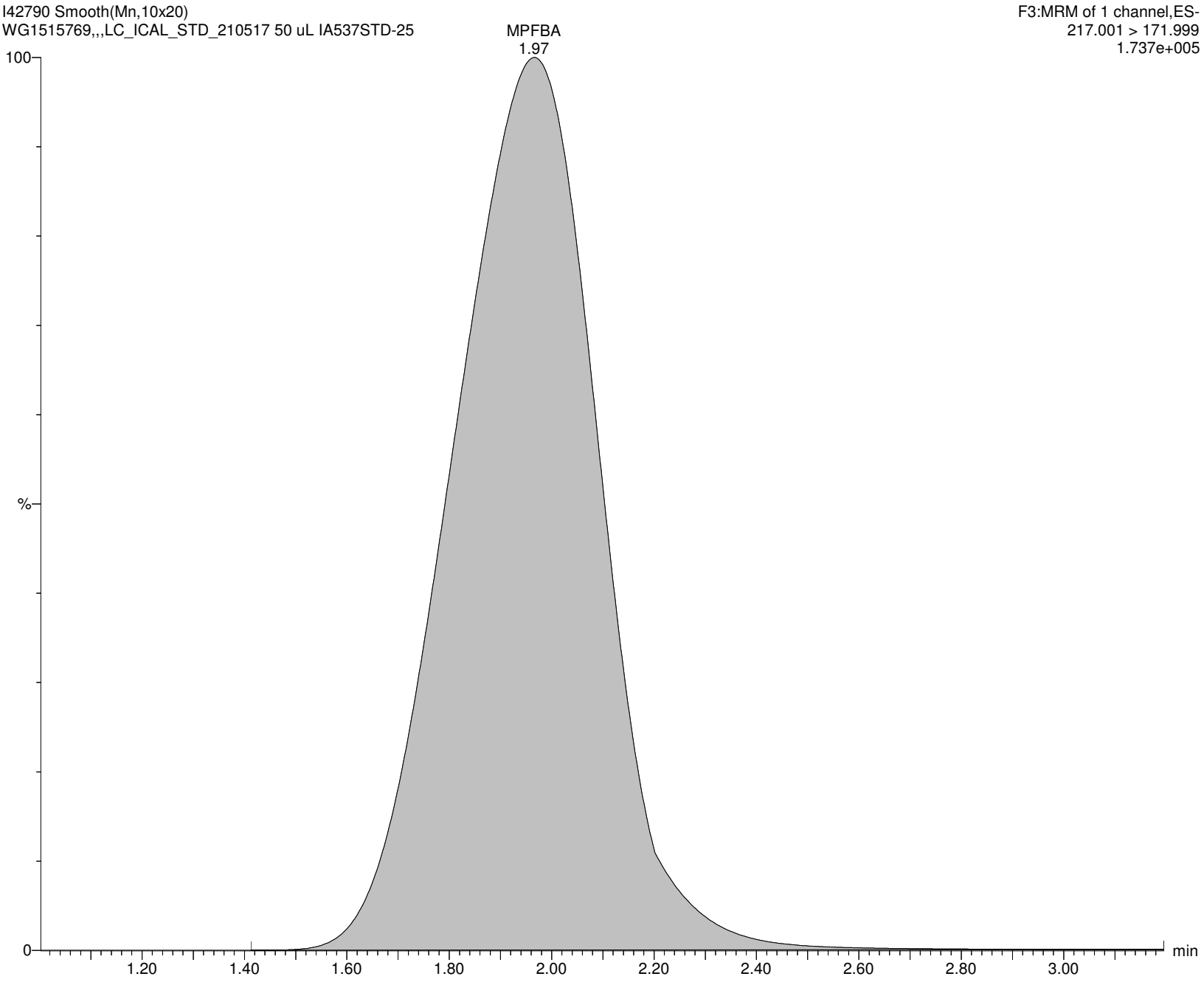


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFBA

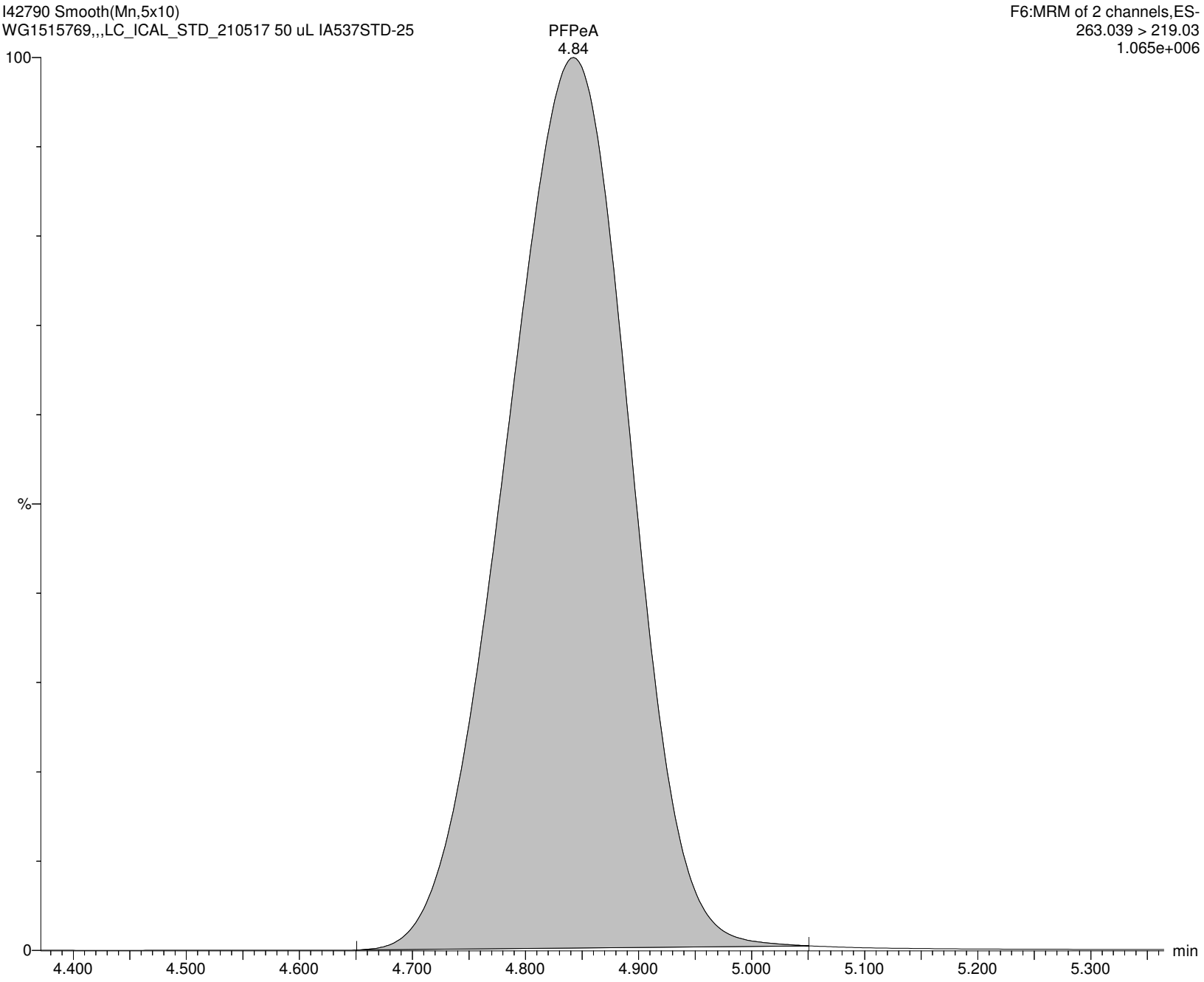


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeA

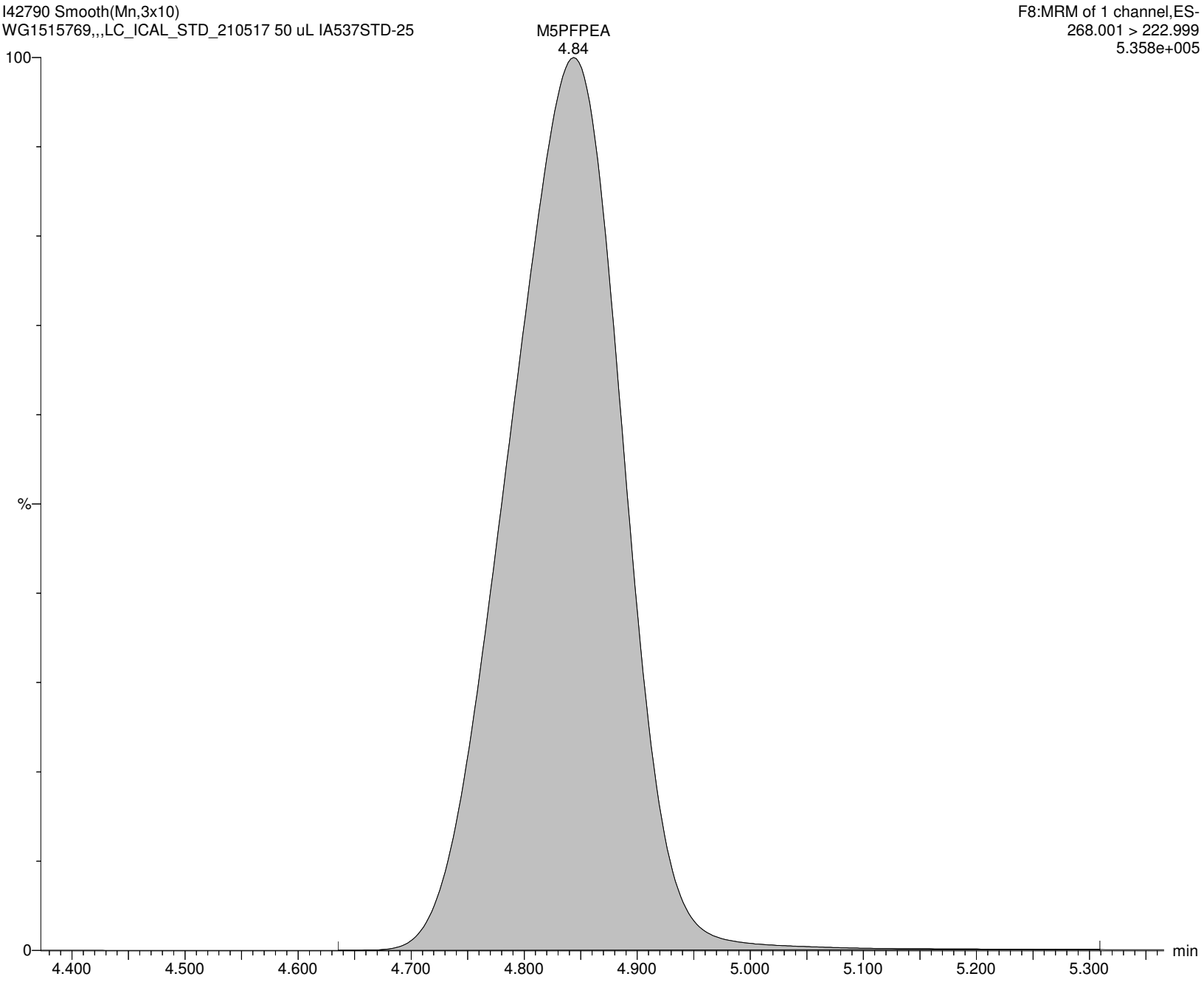


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFPEA

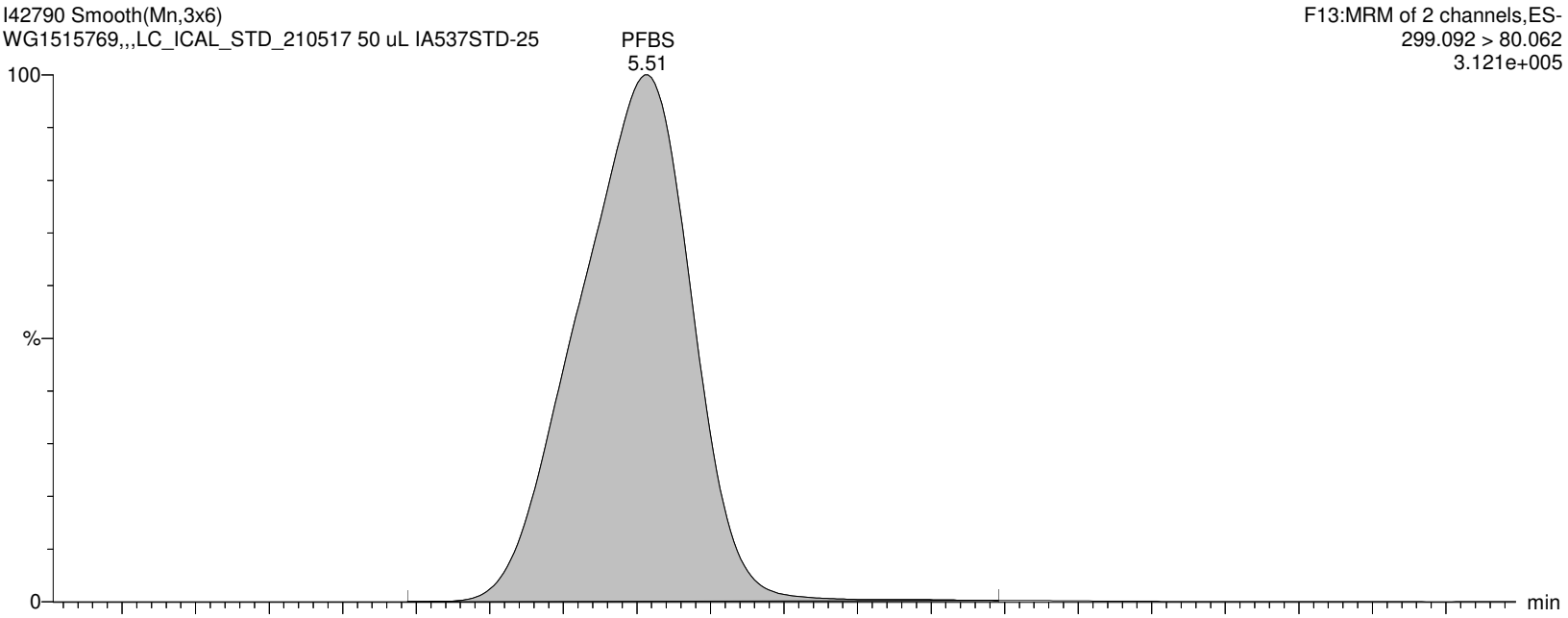


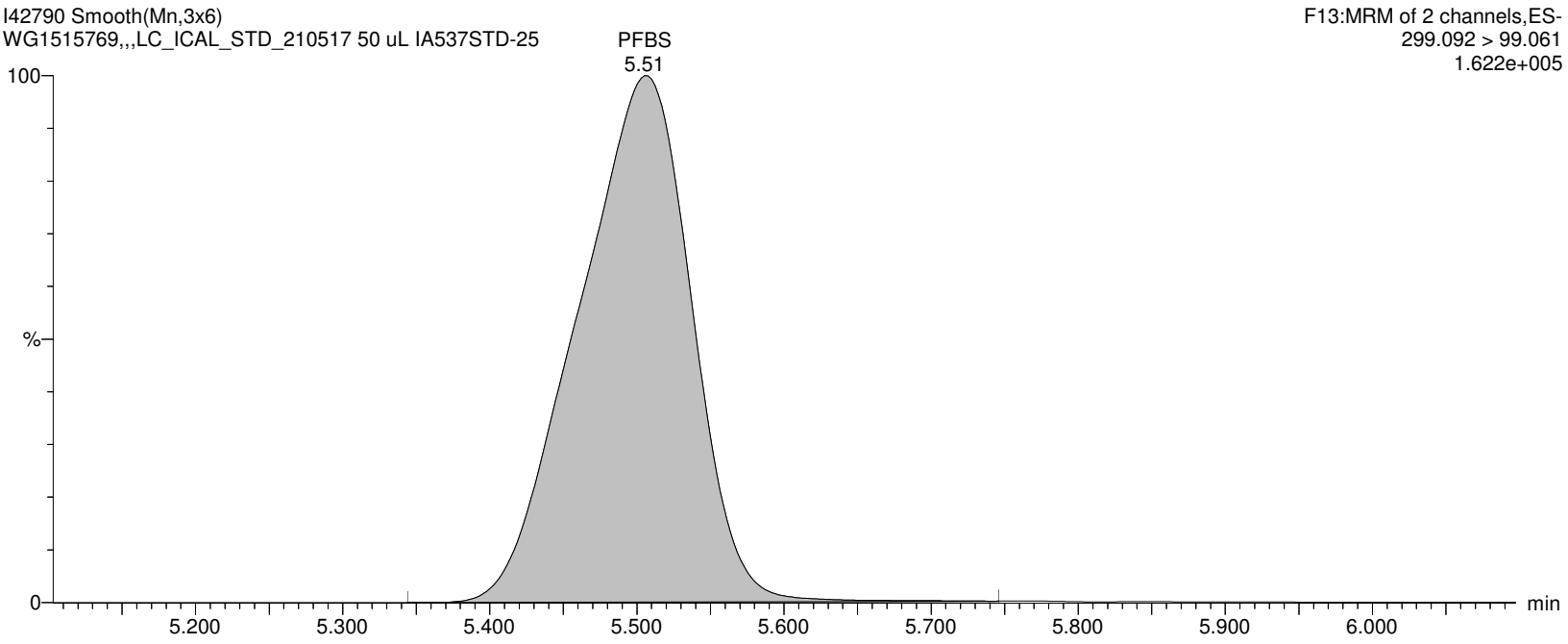
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBS



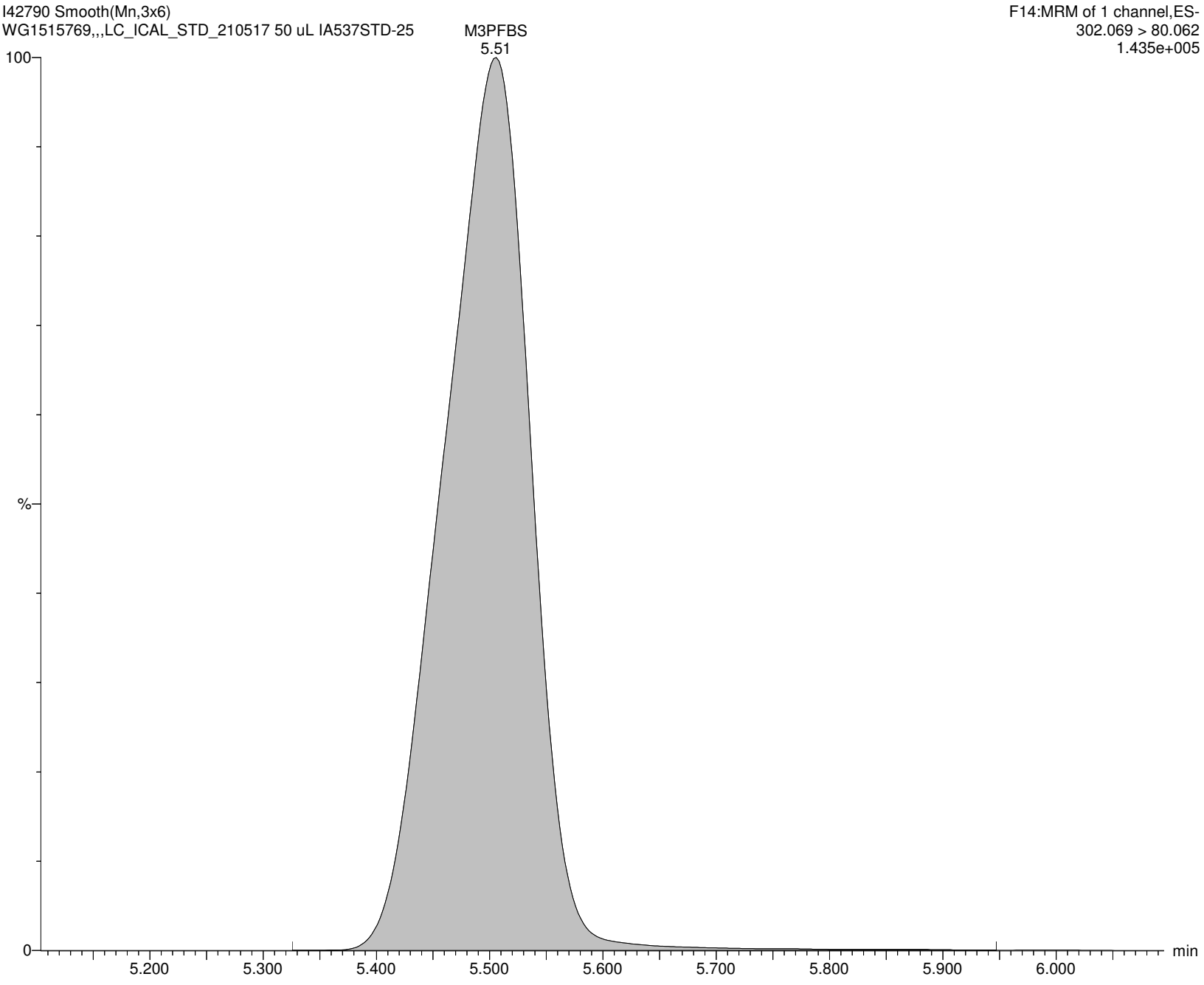


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBS

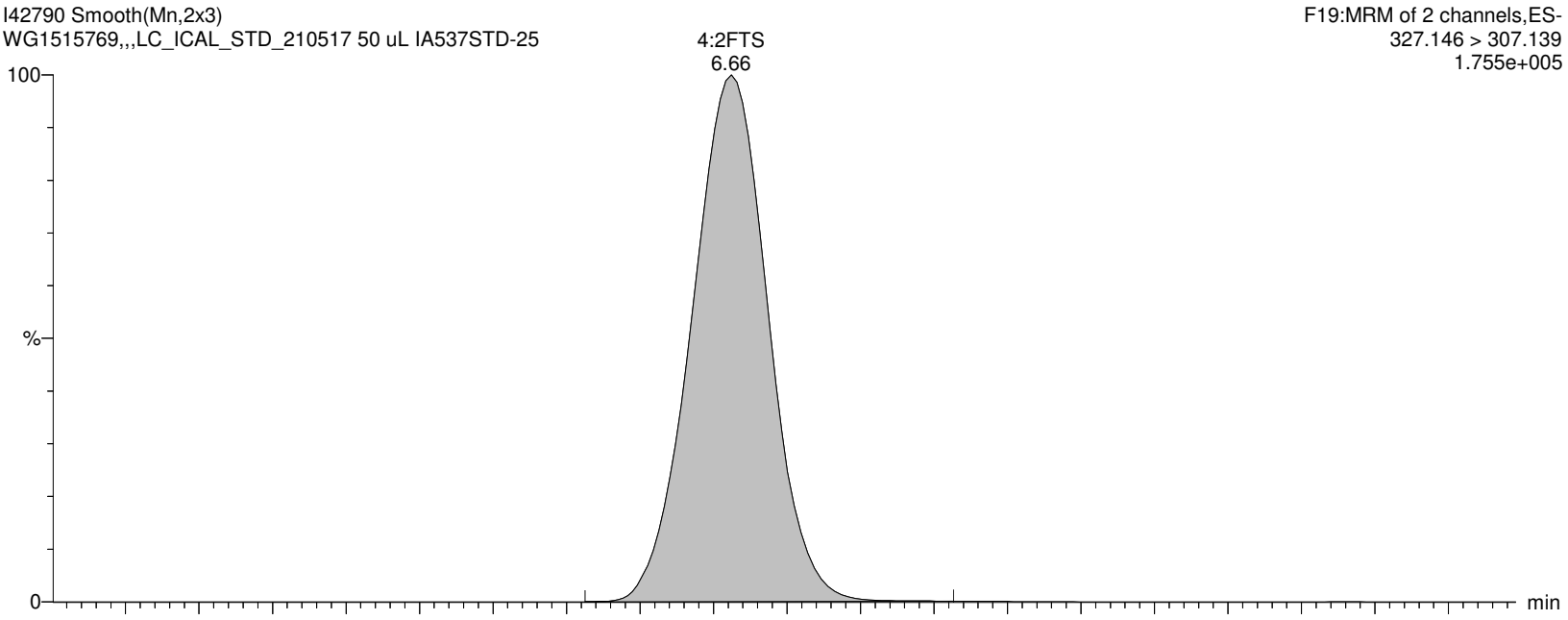


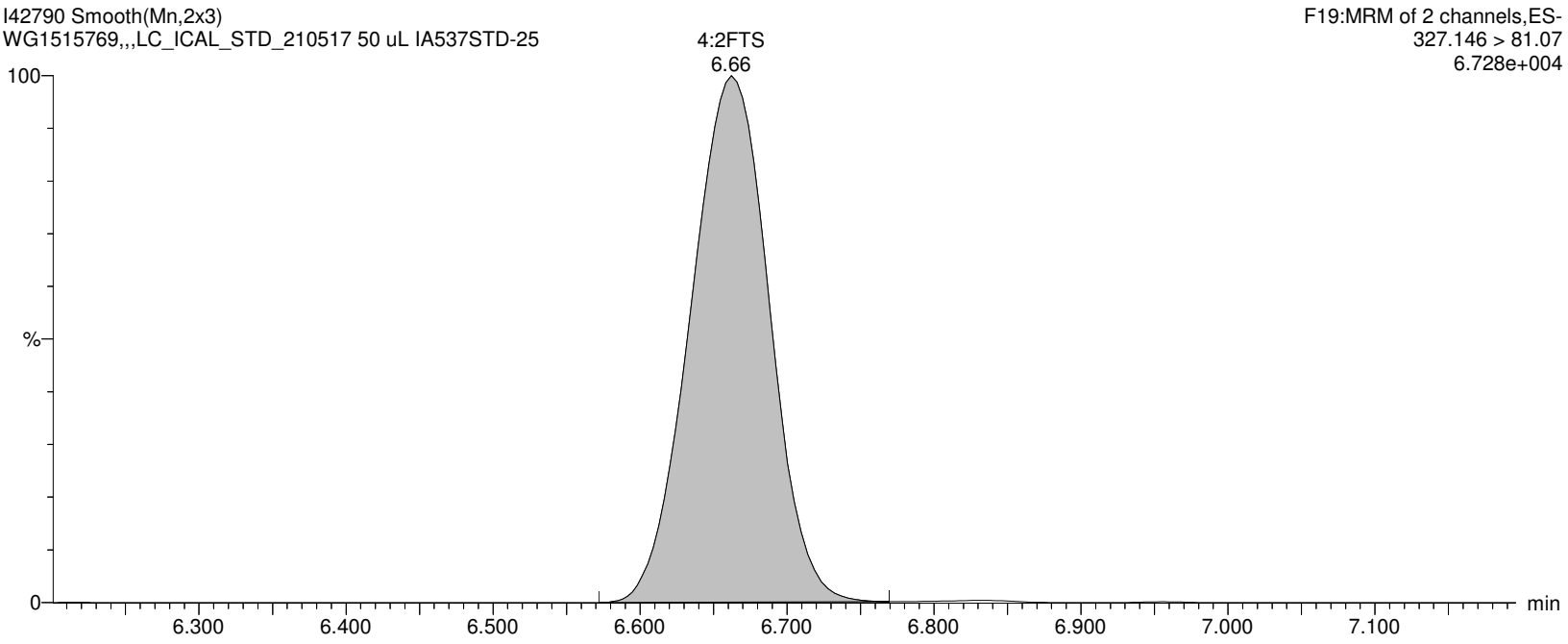
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

4:2FTS



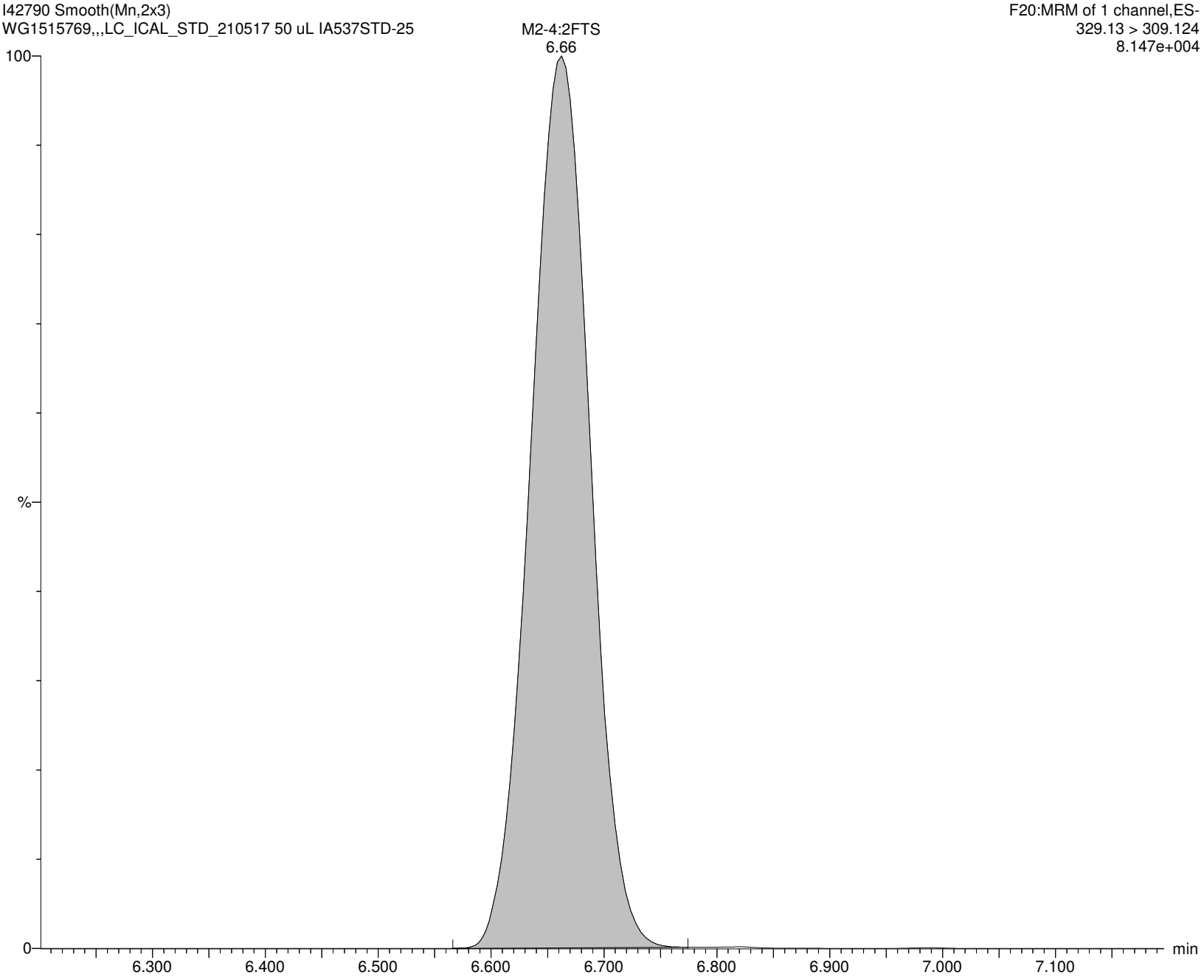


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-4:2FTS

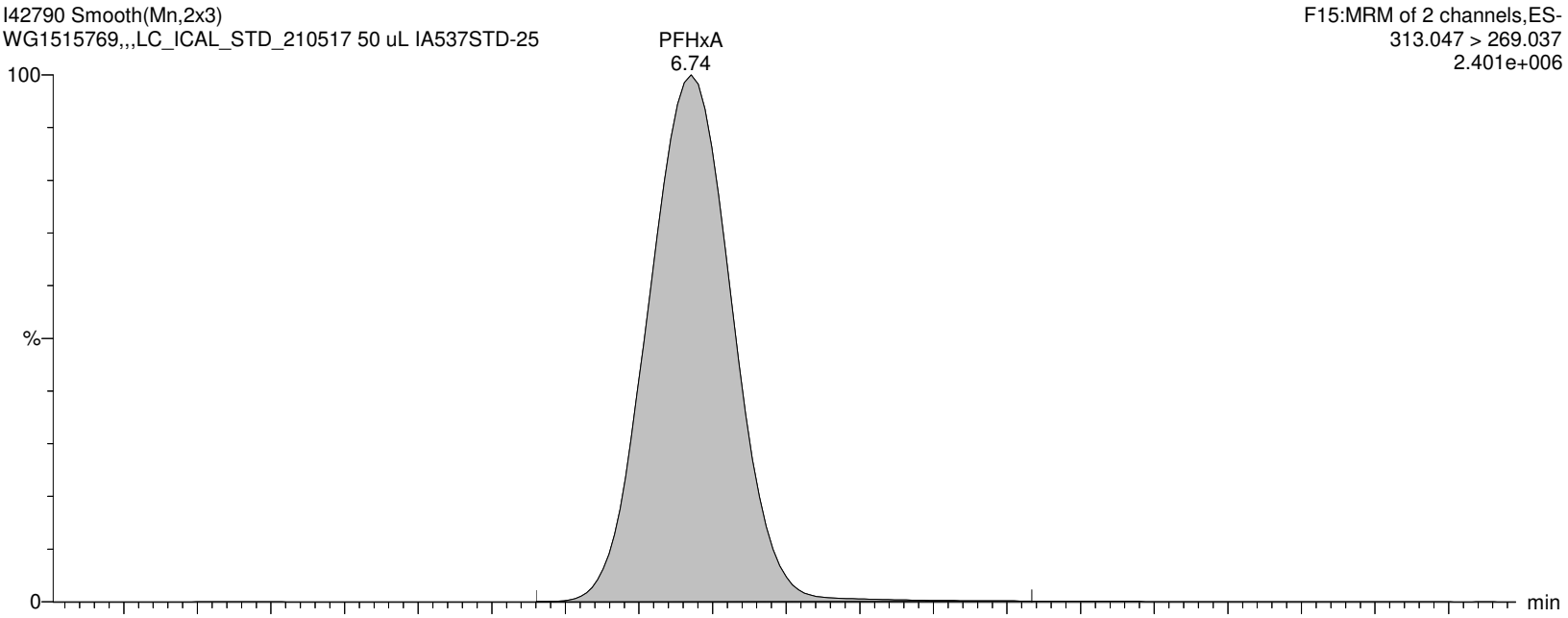


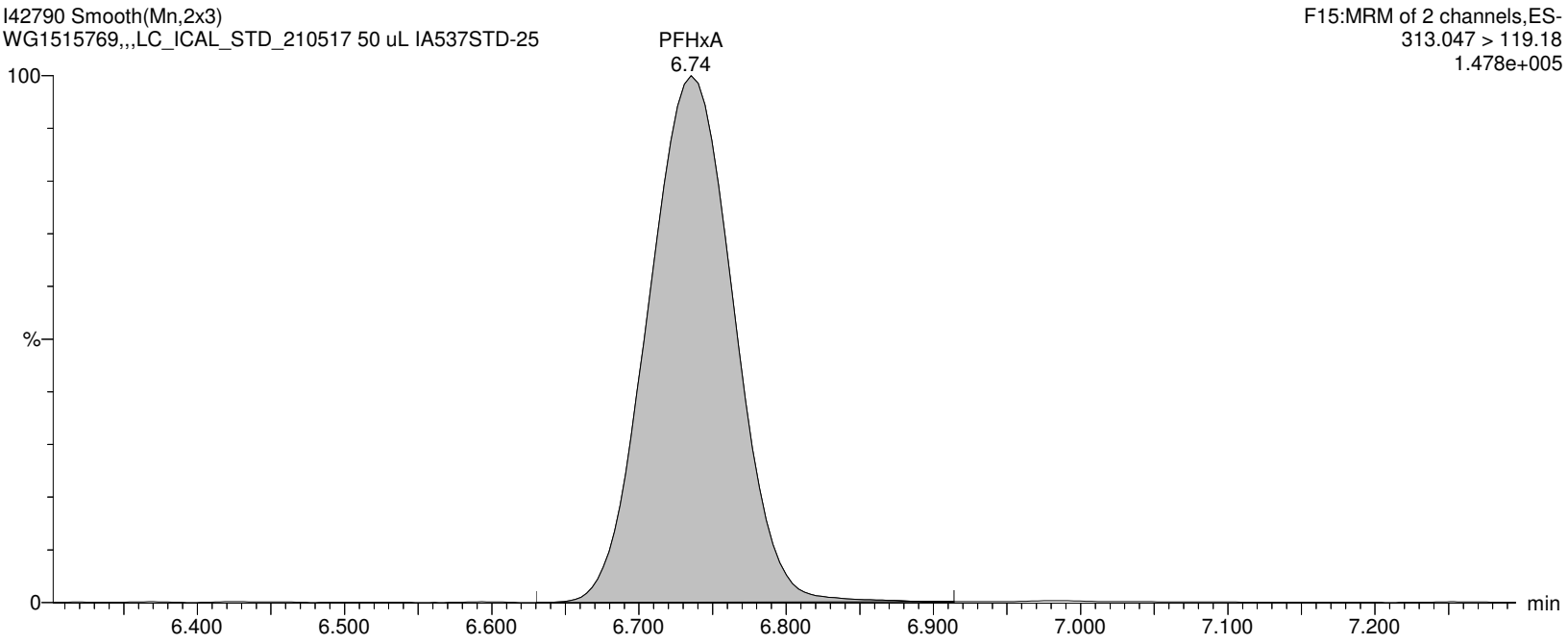
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxA



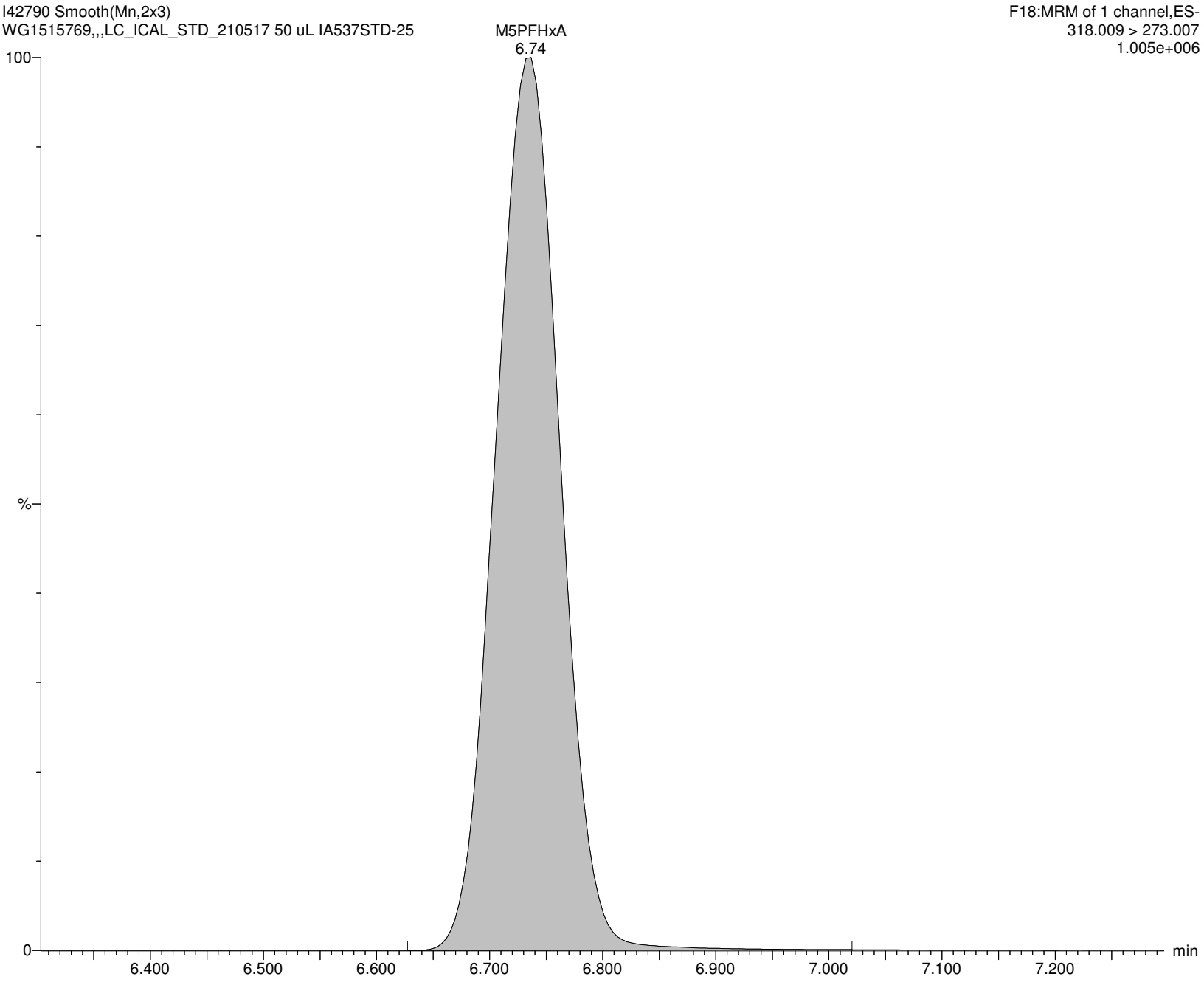


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFHxA

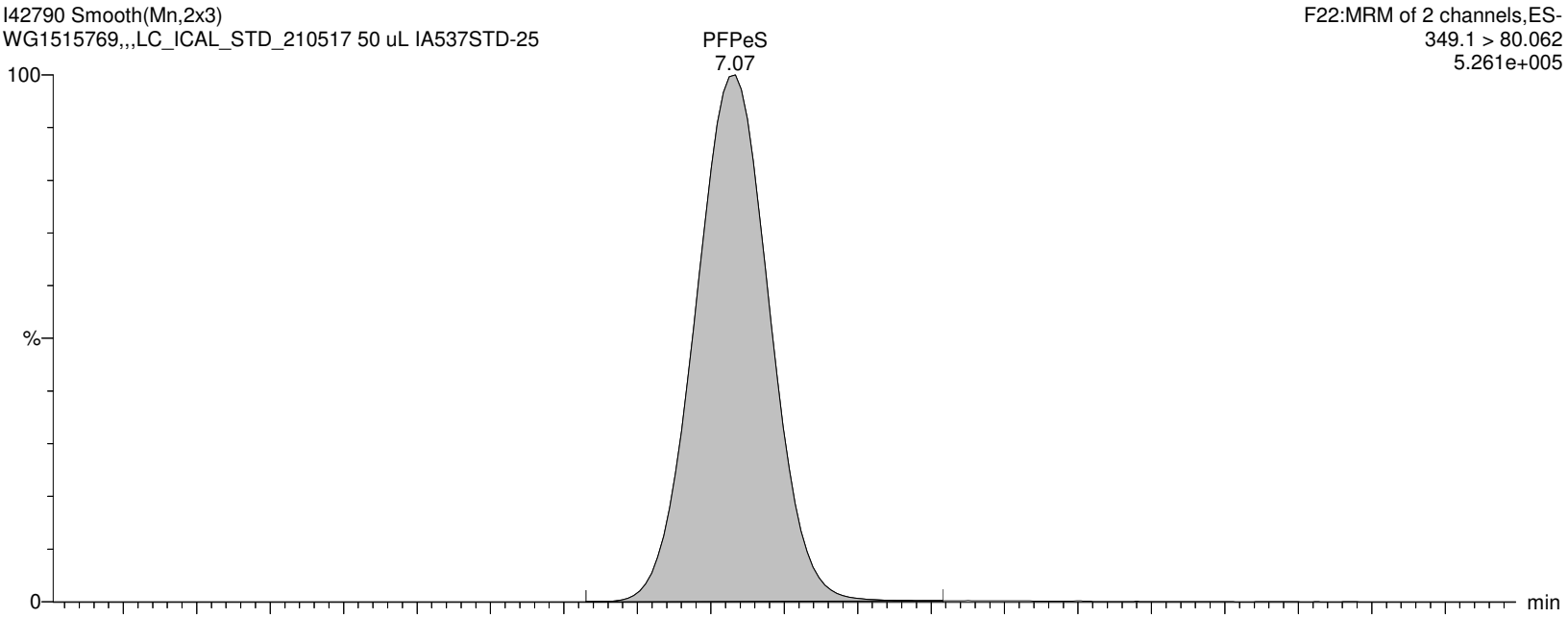


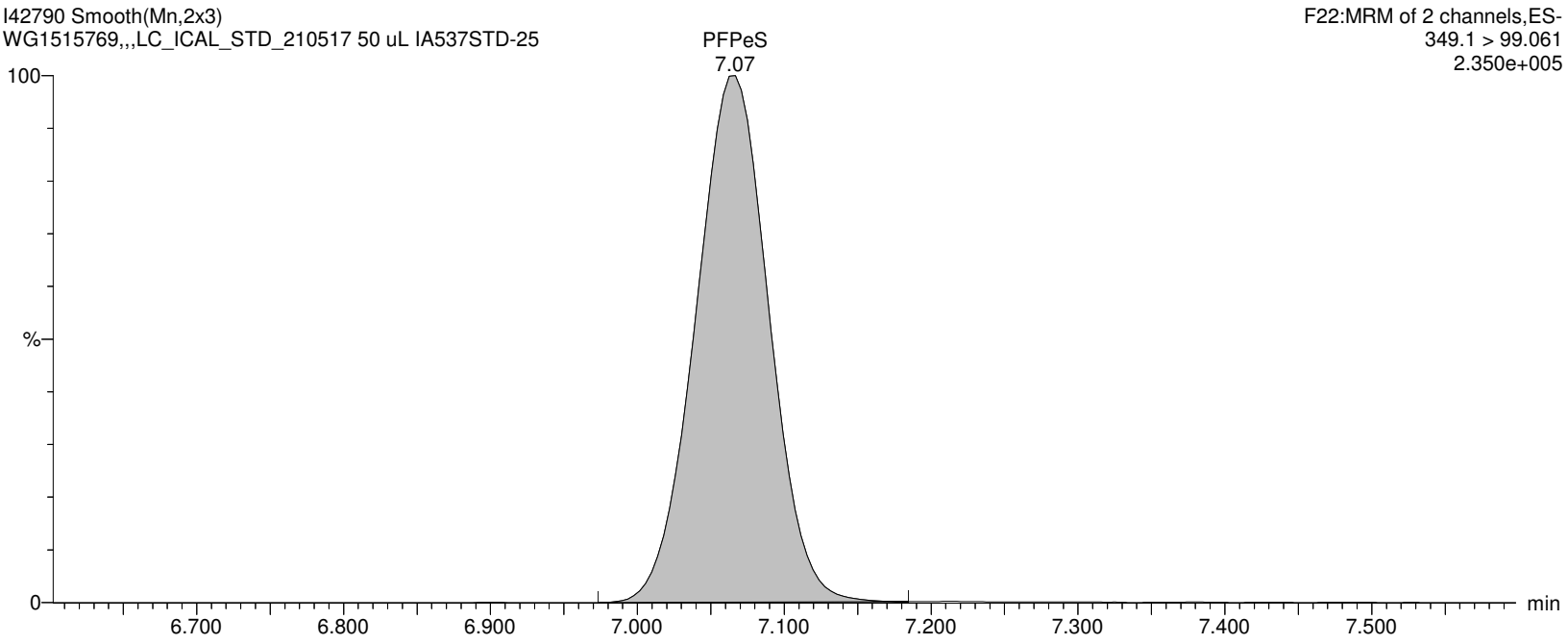
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeS



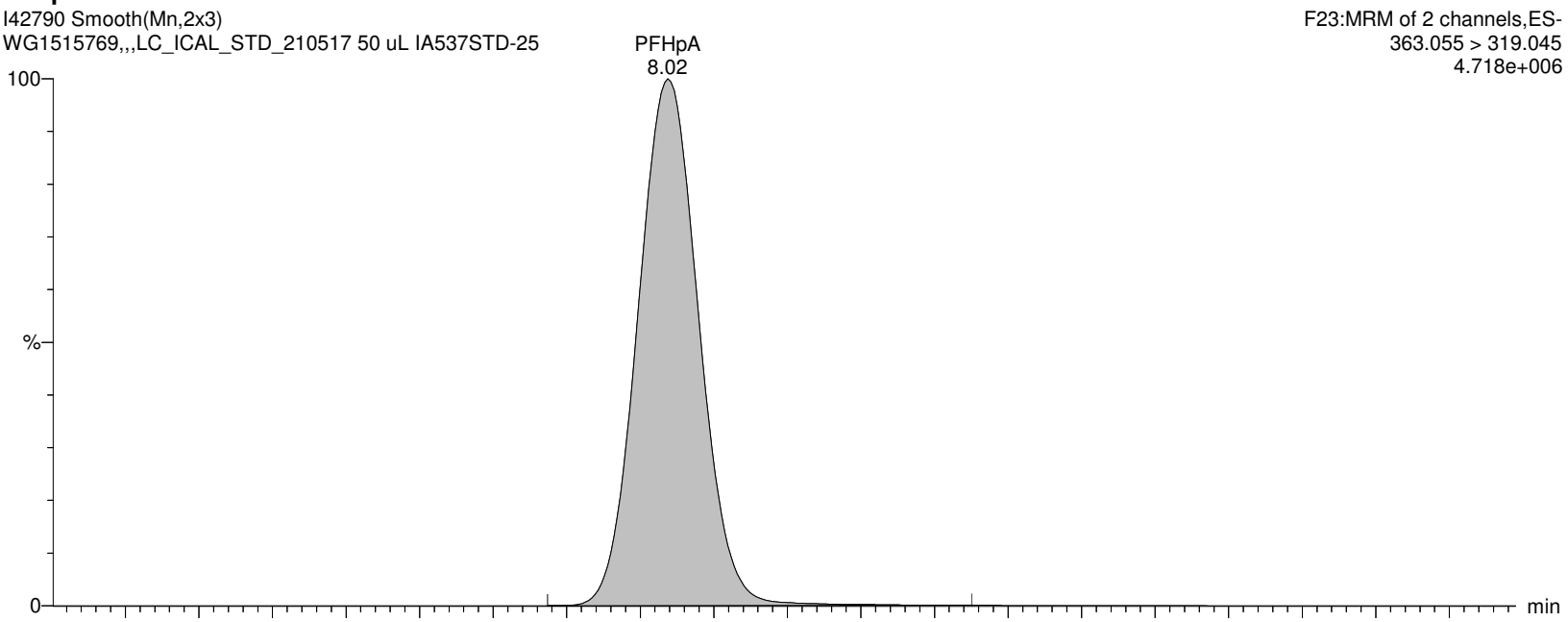


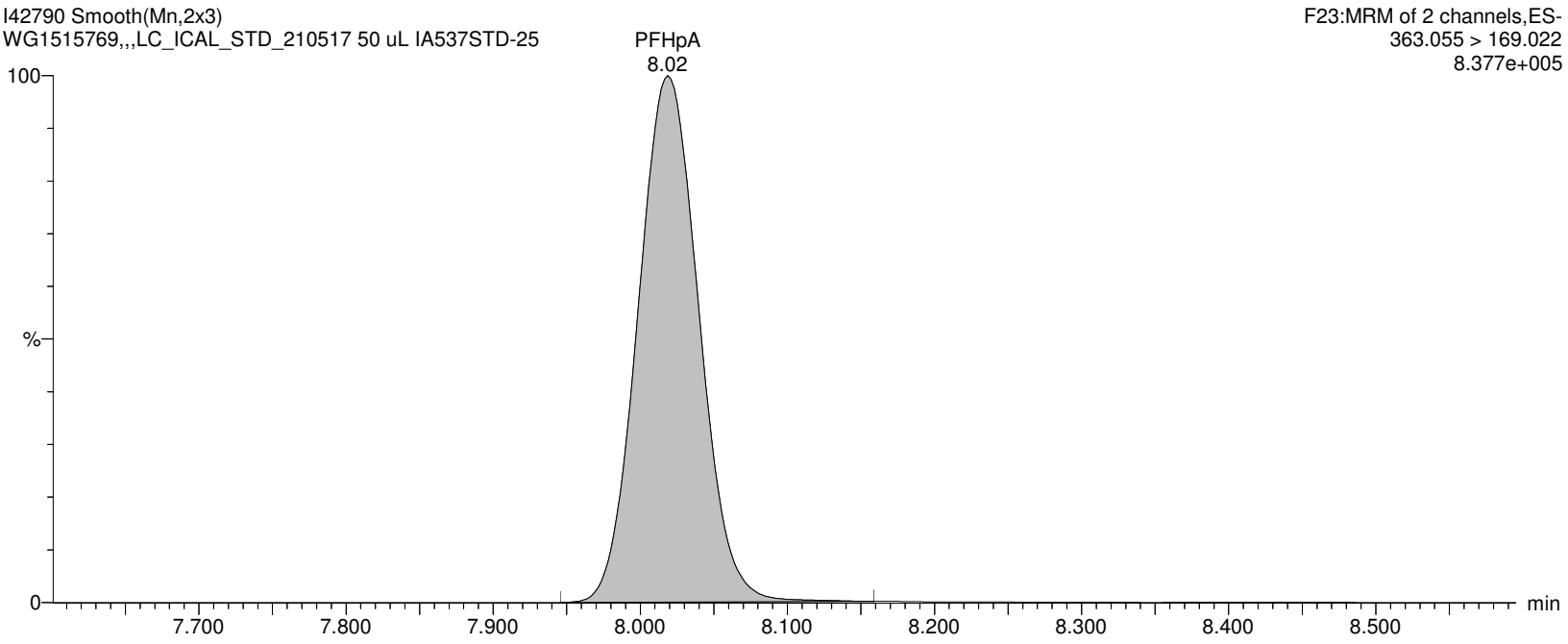
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpA



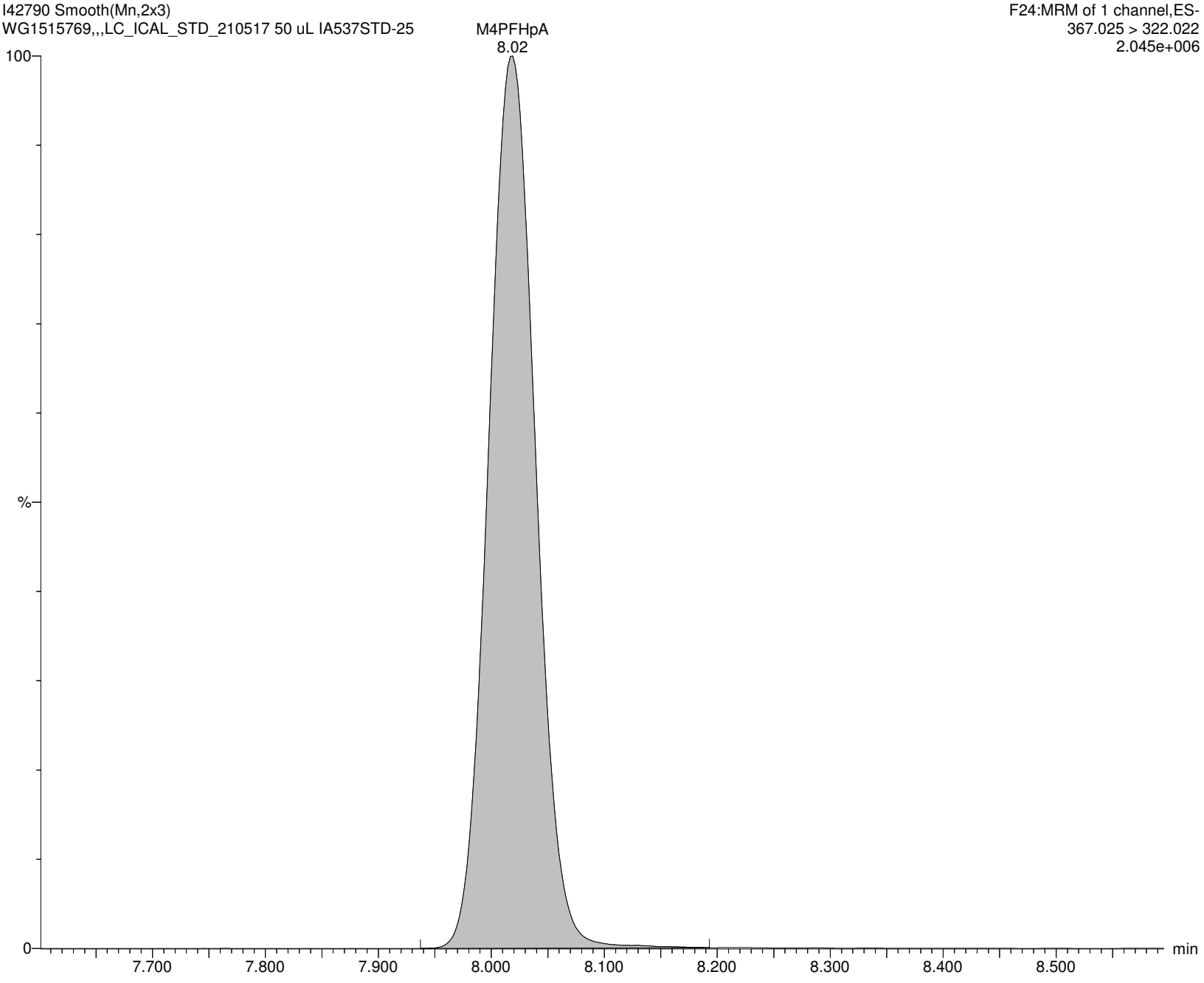


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFHpA

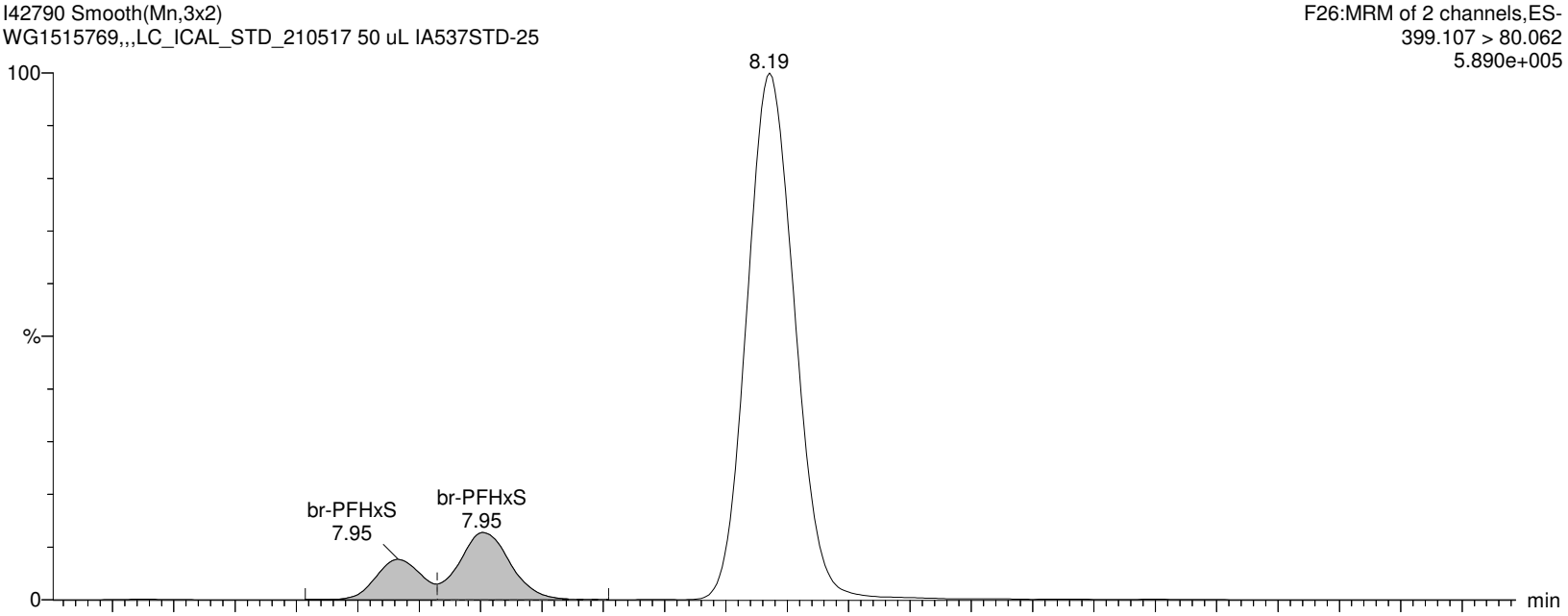


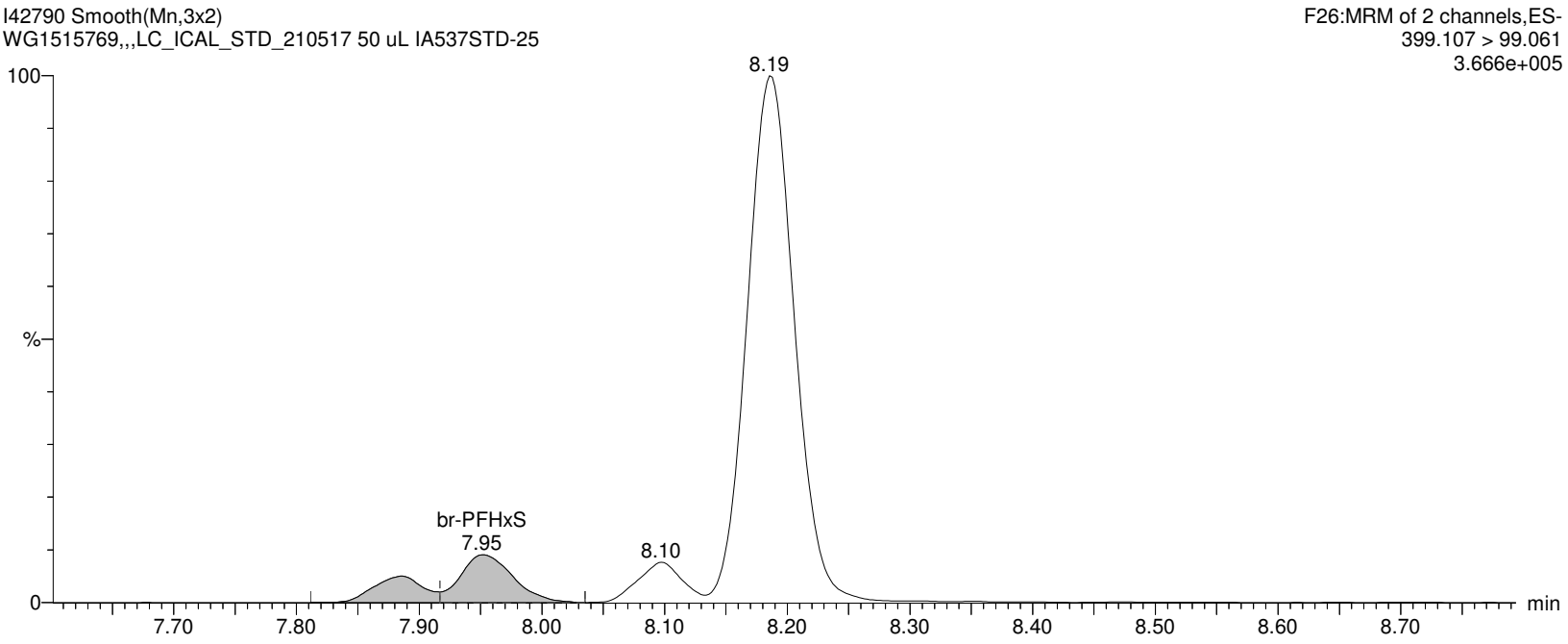
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFHxS



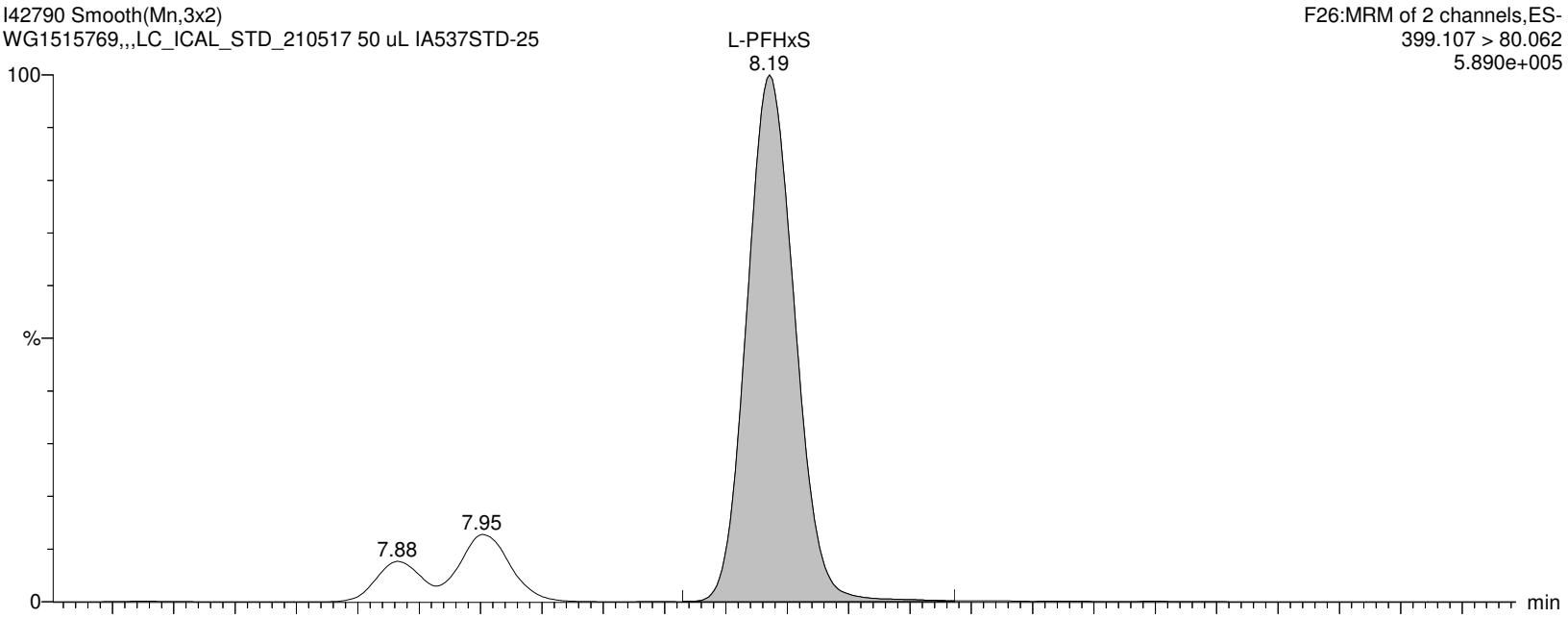


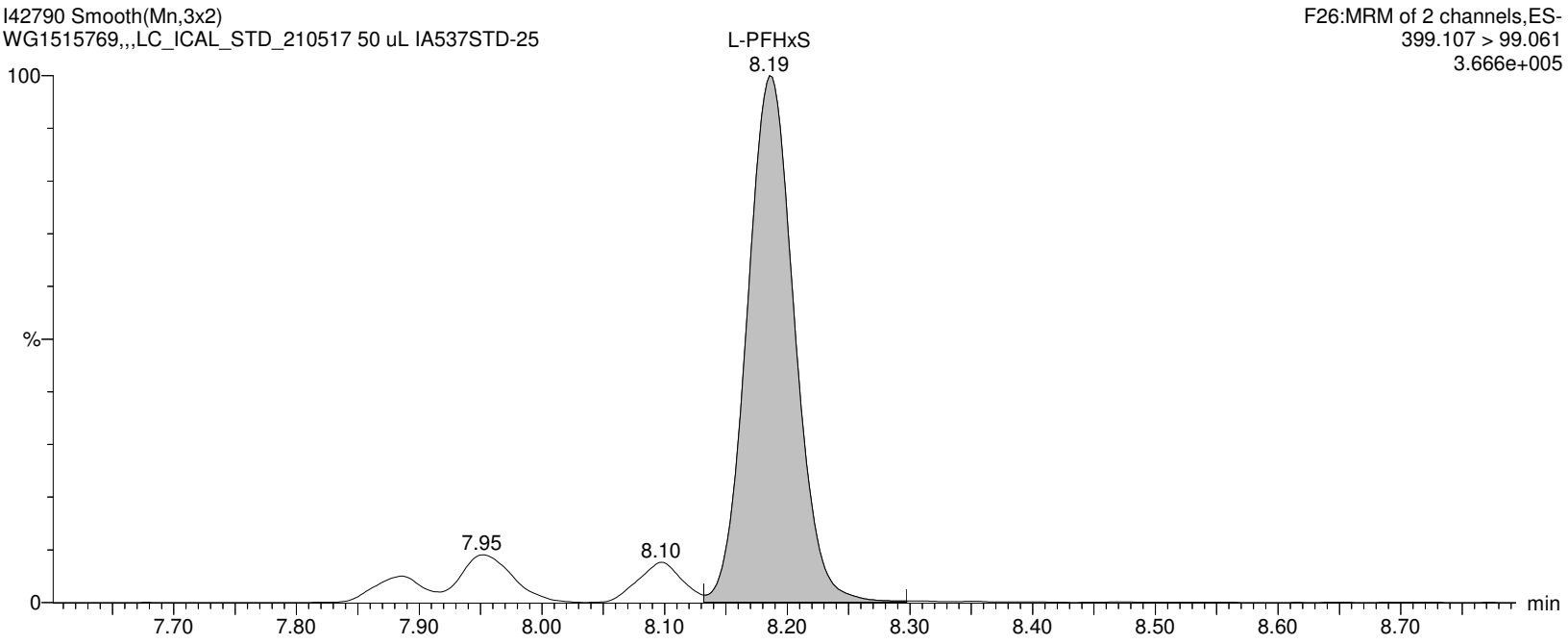
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFHxS



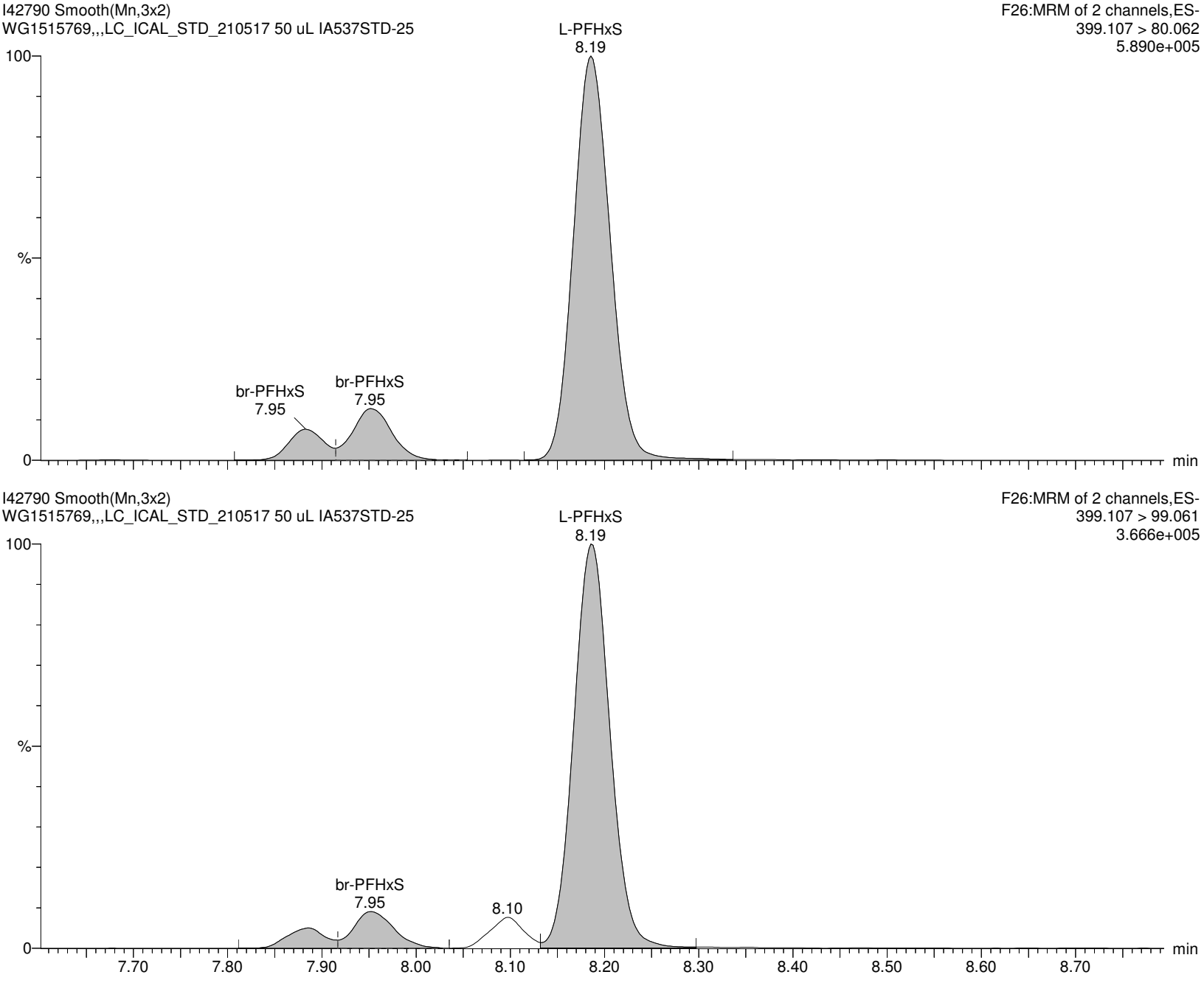


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxS

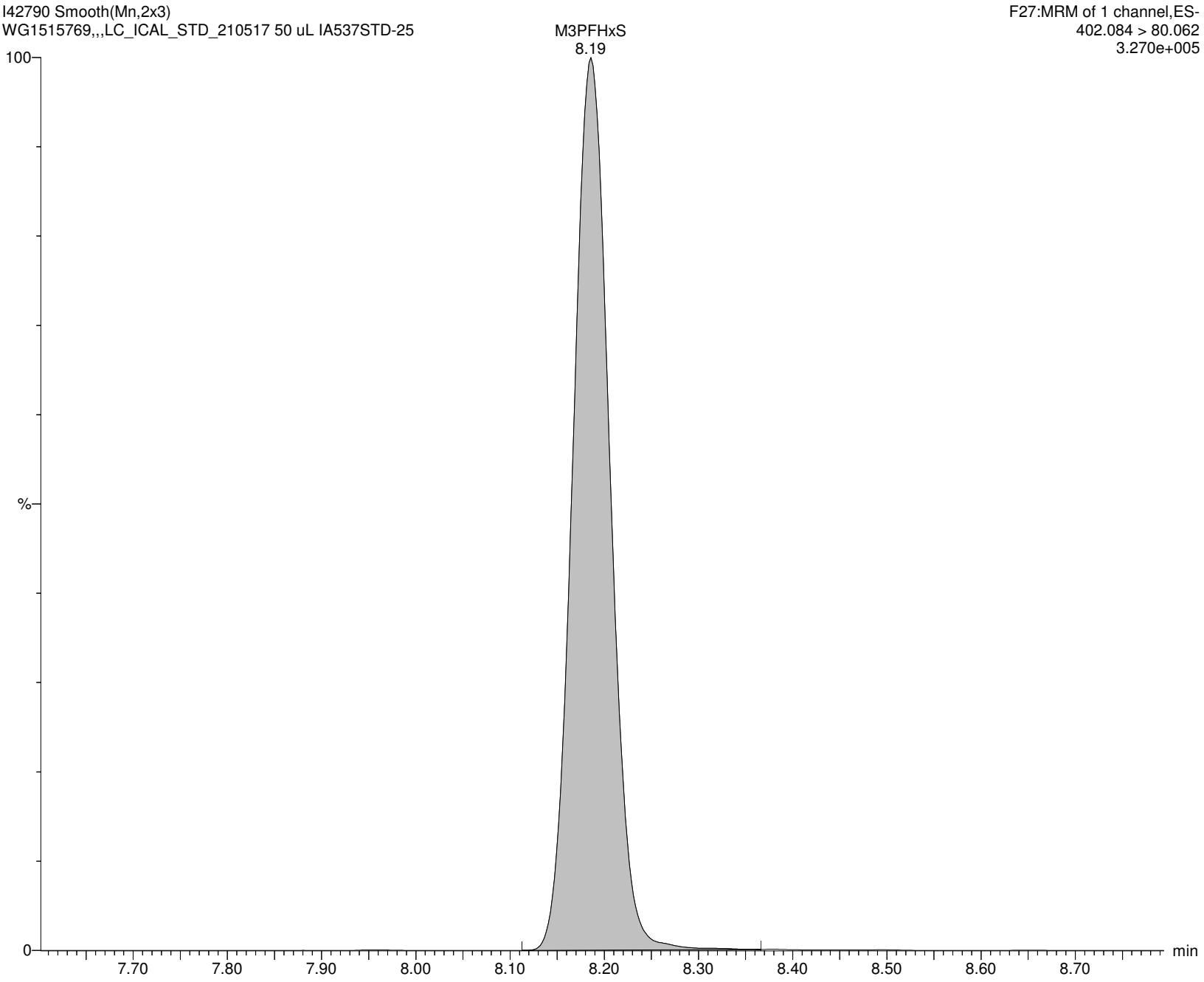


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFHxS

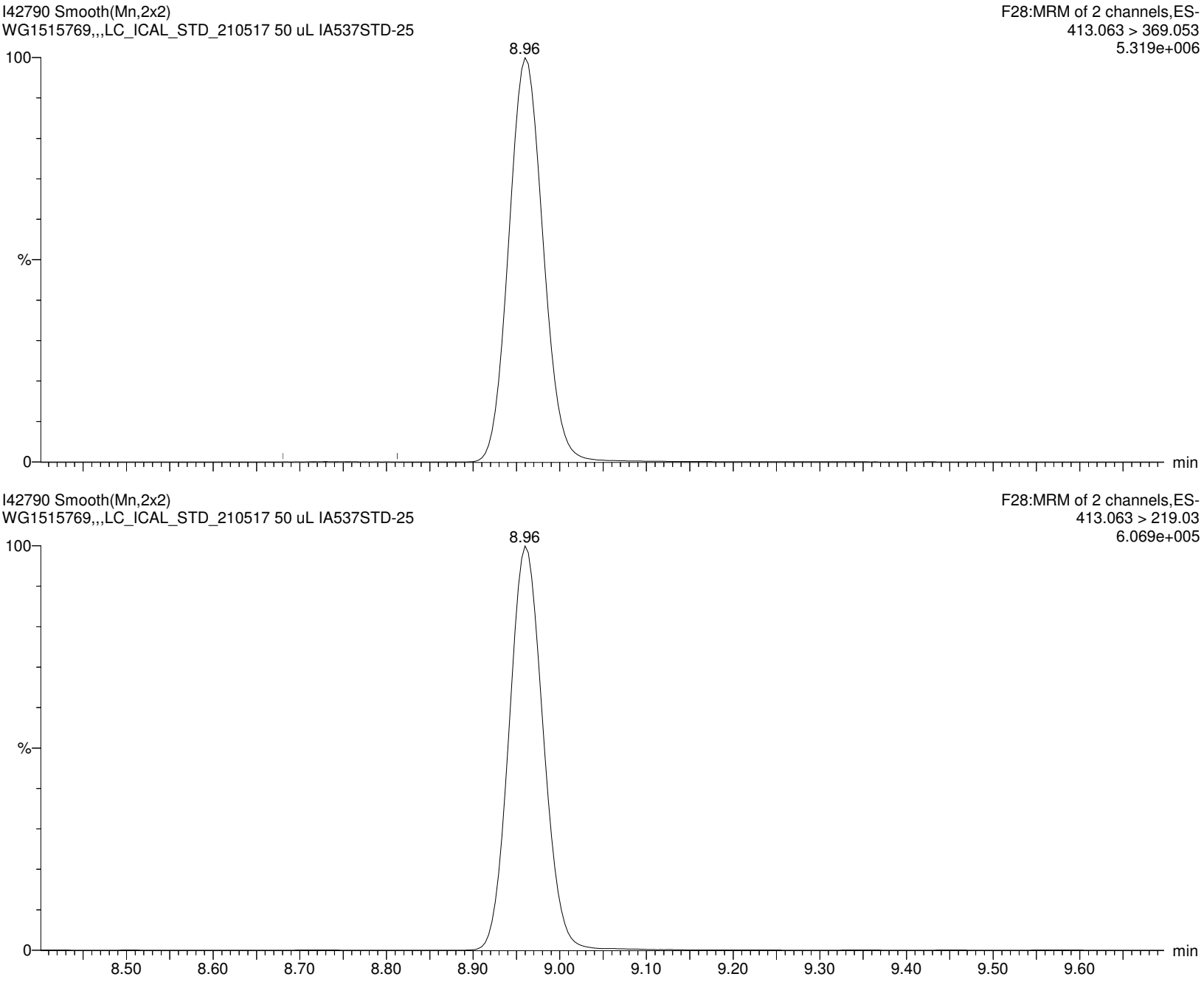


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOA

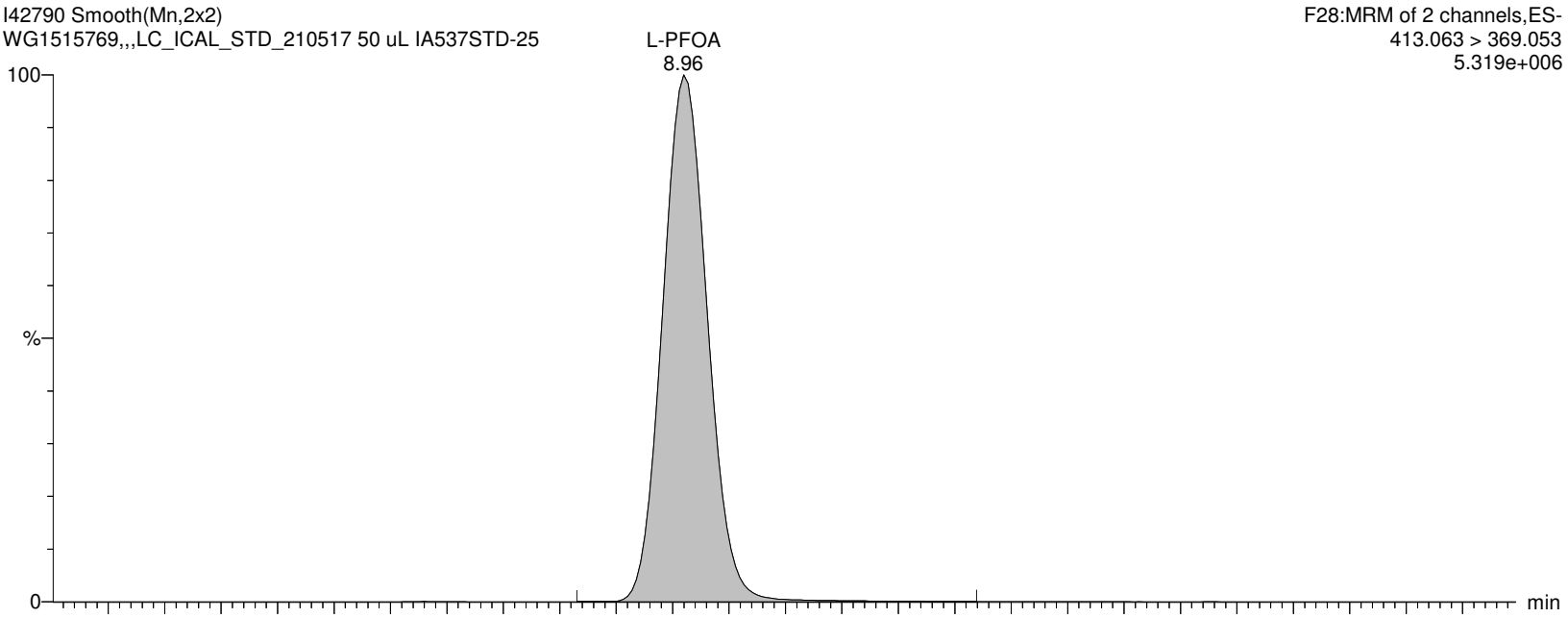


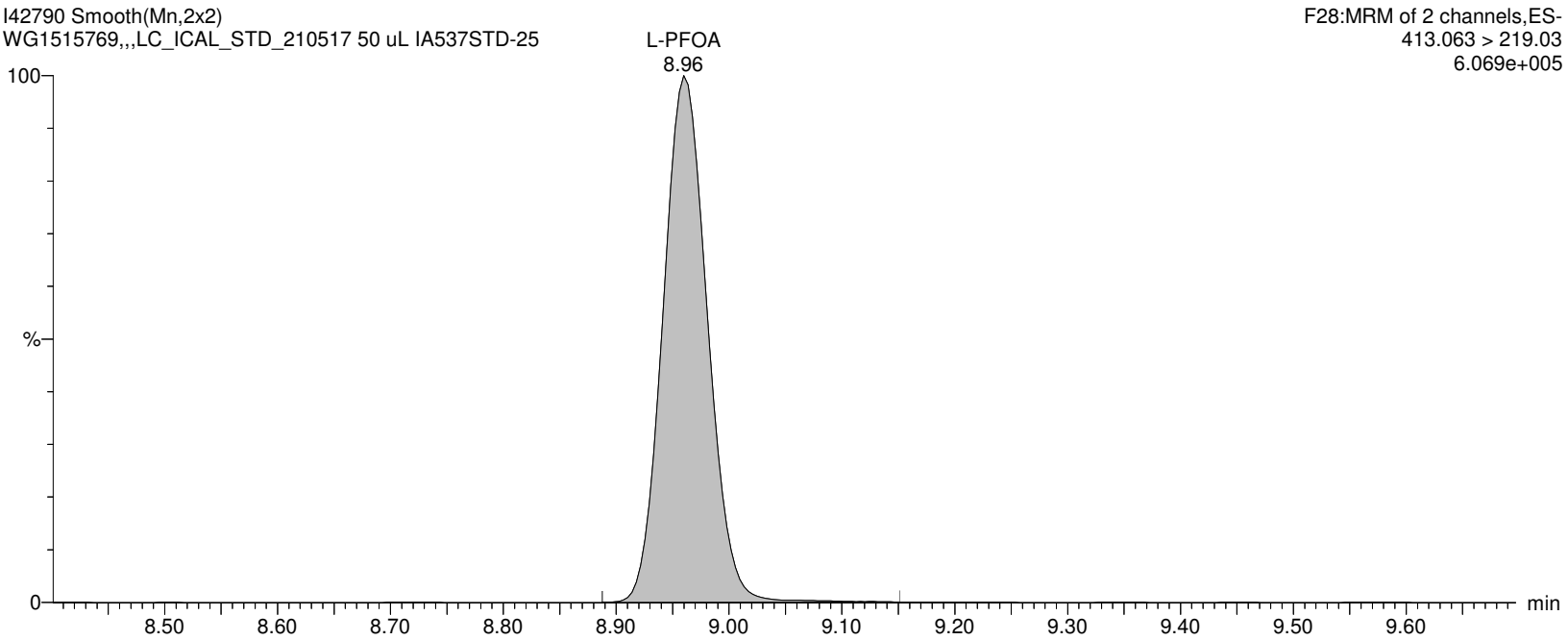
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOA



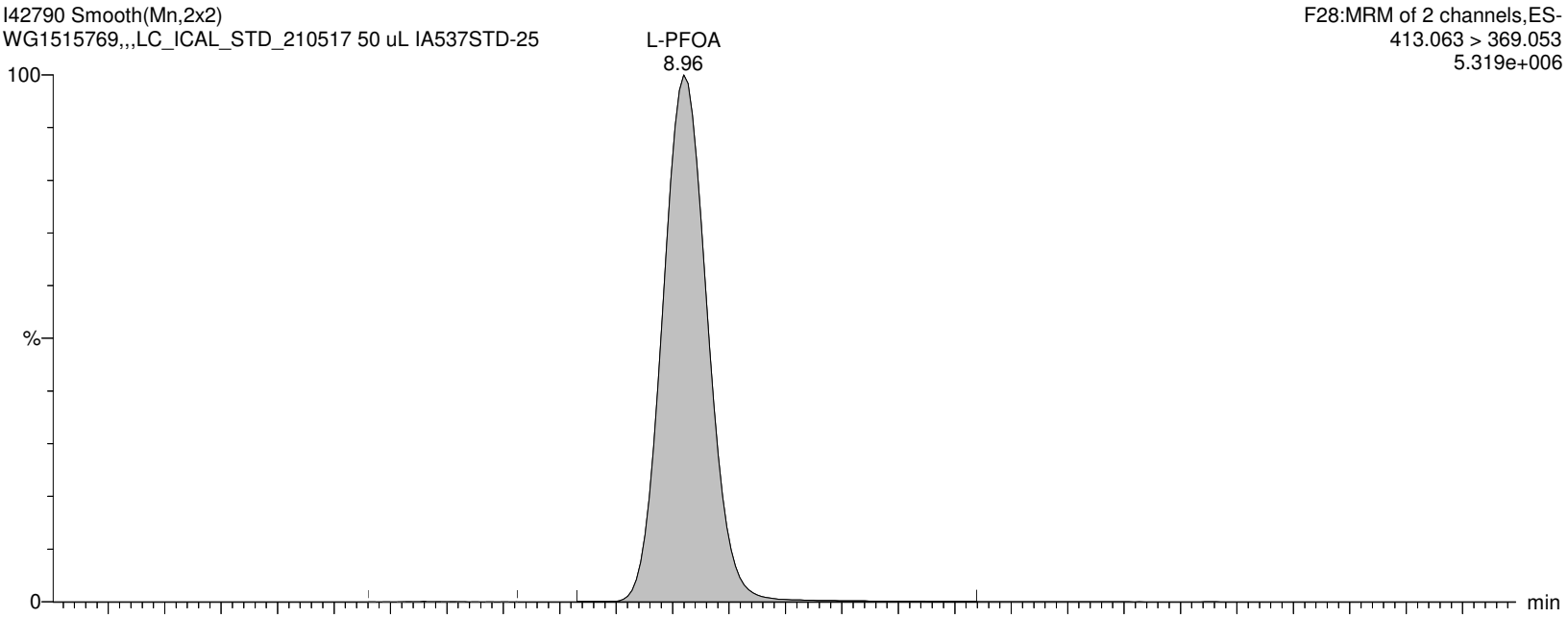


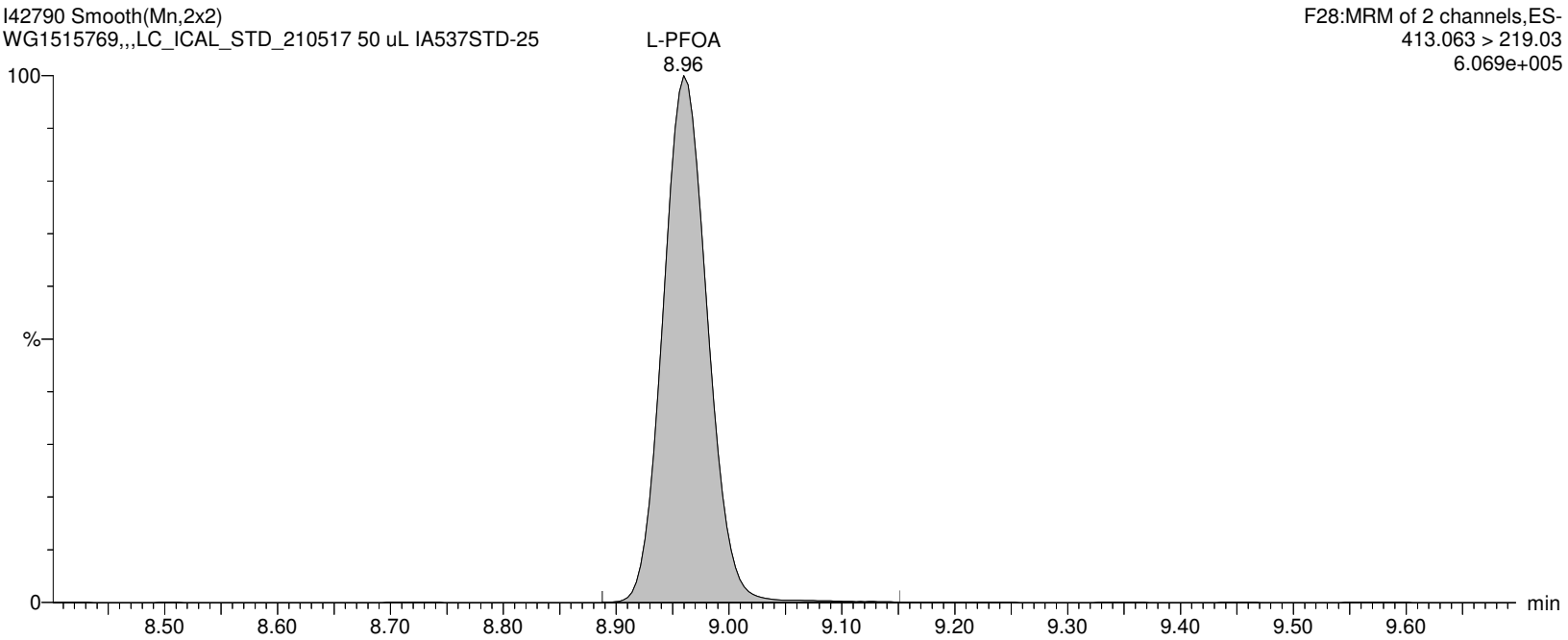
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOA



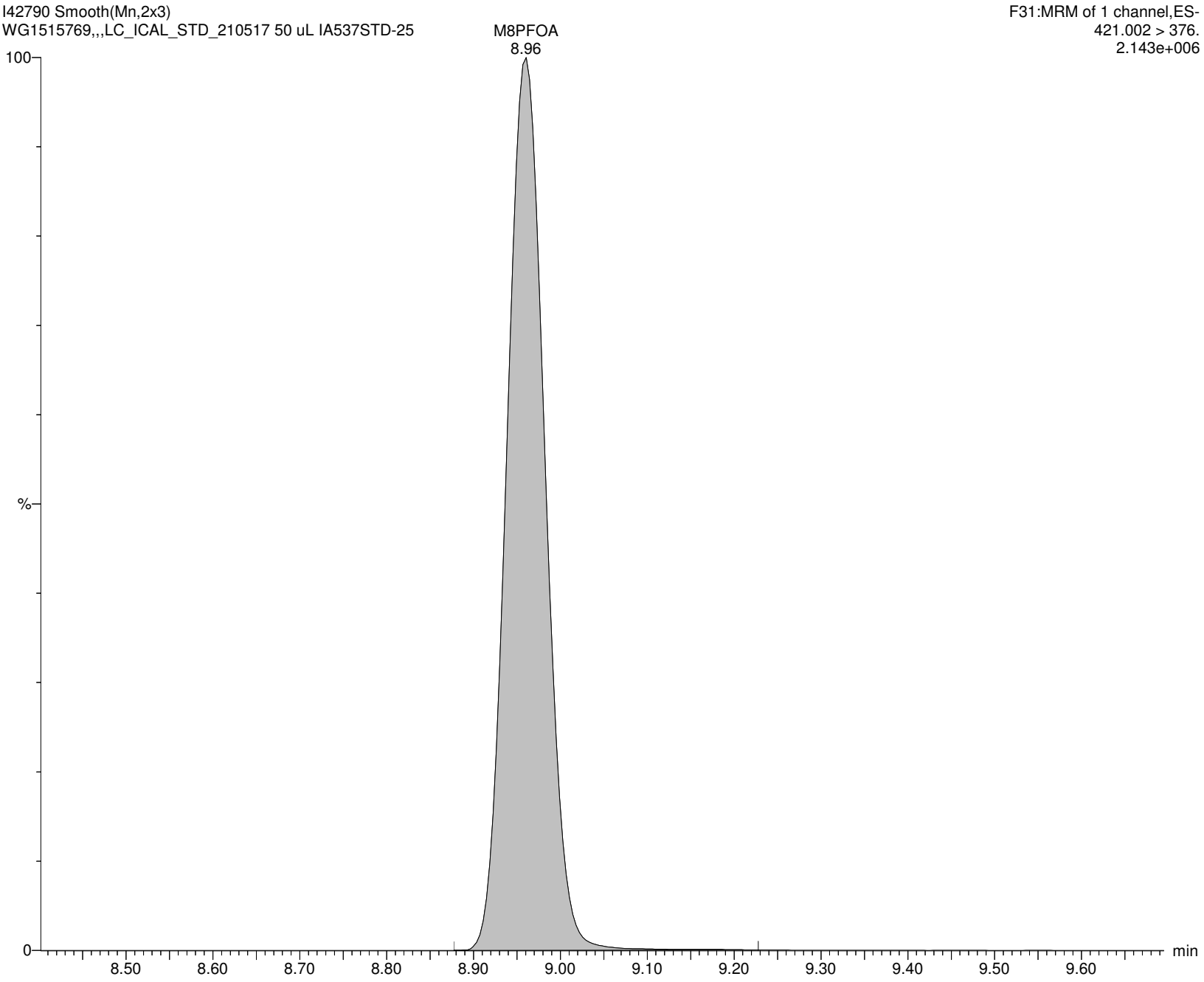


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOA

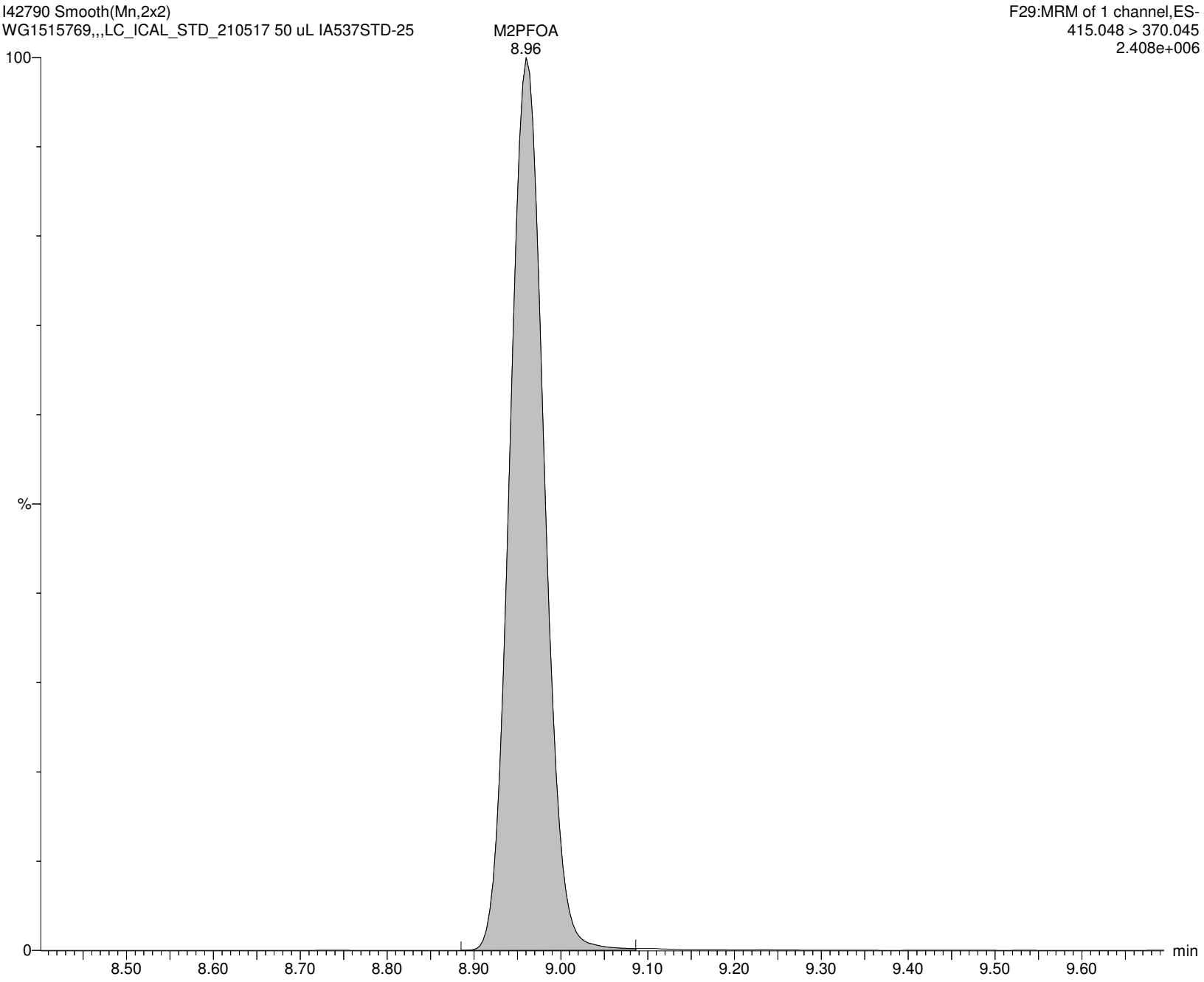


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFOA

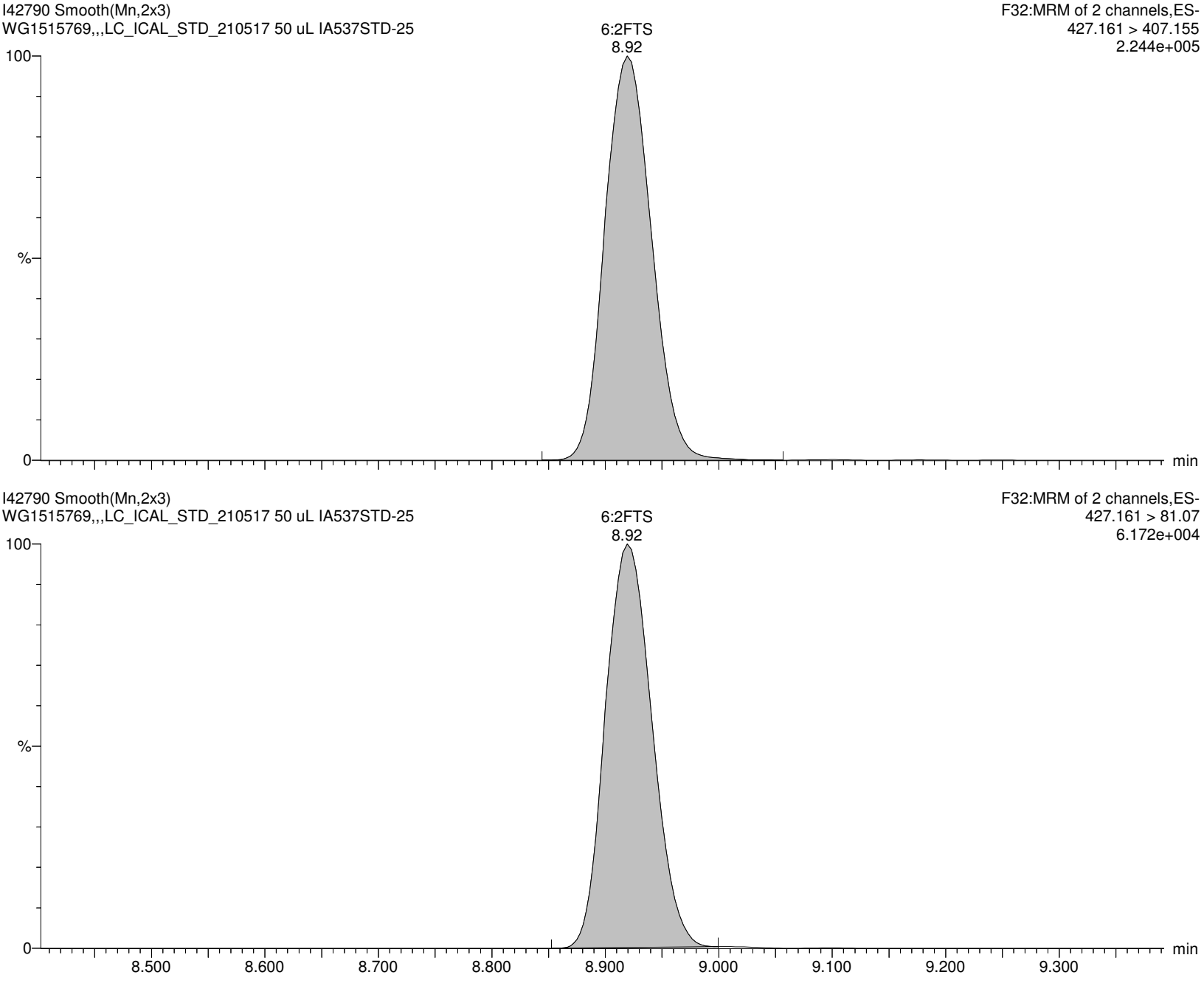


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

6:2FTS

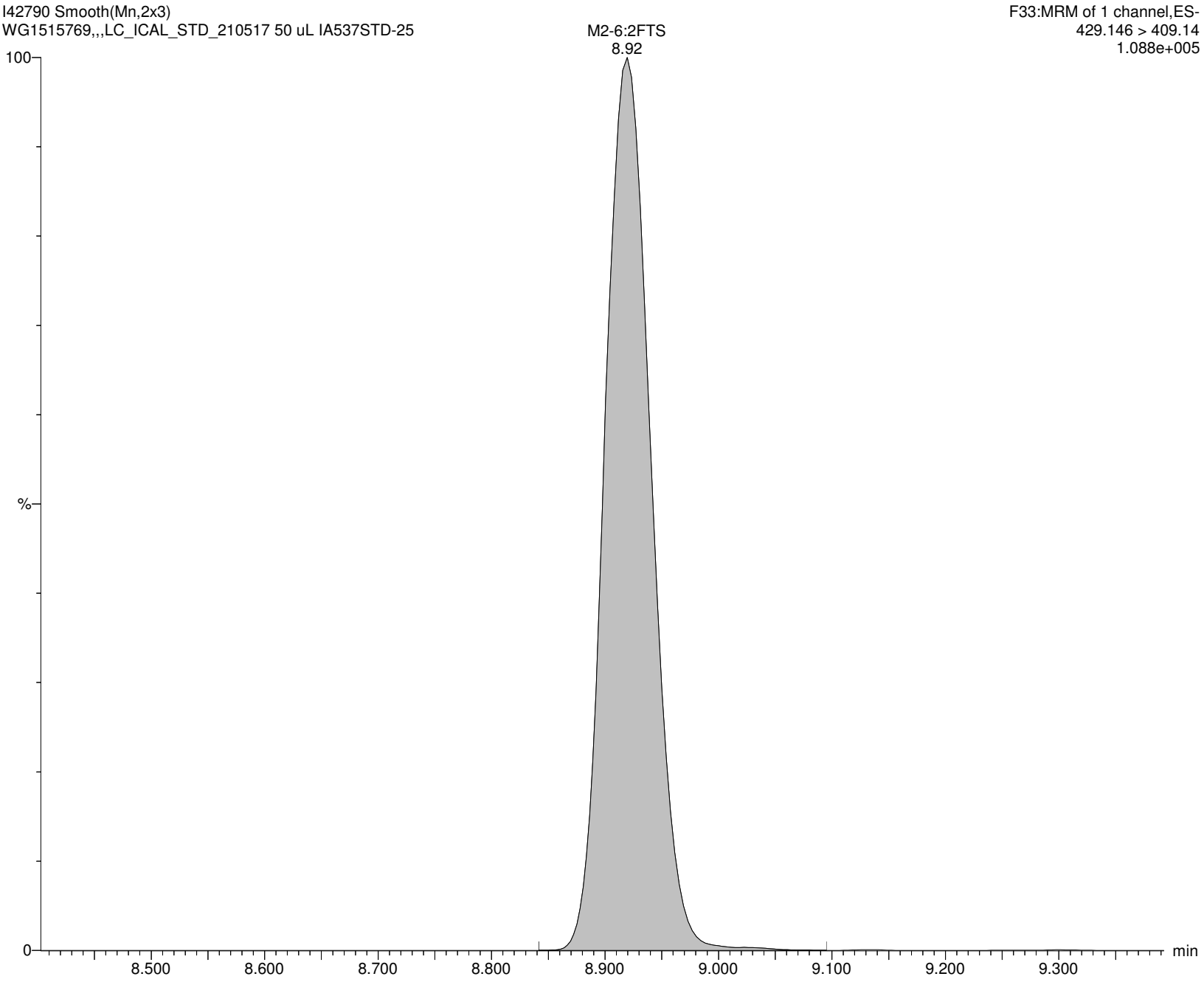


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-6:2FTS

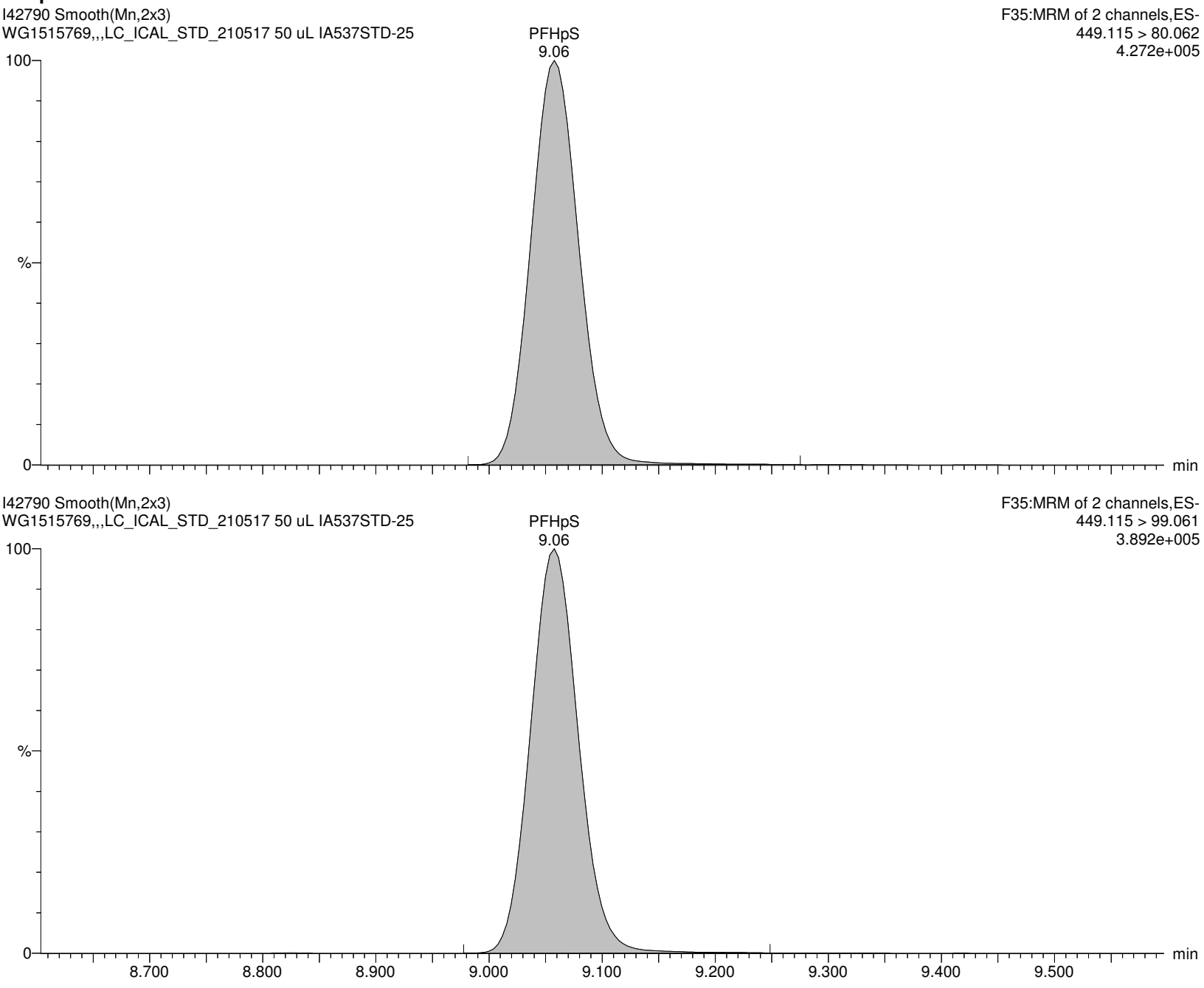


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpS

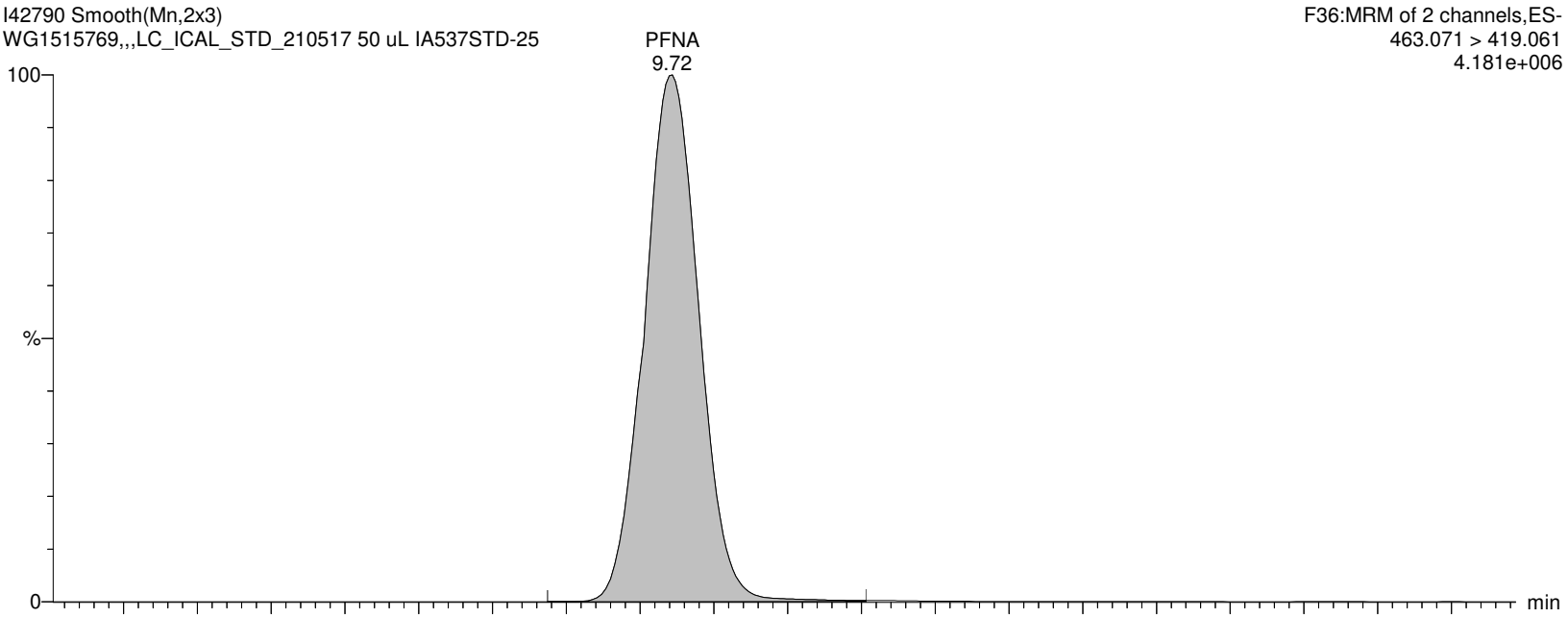


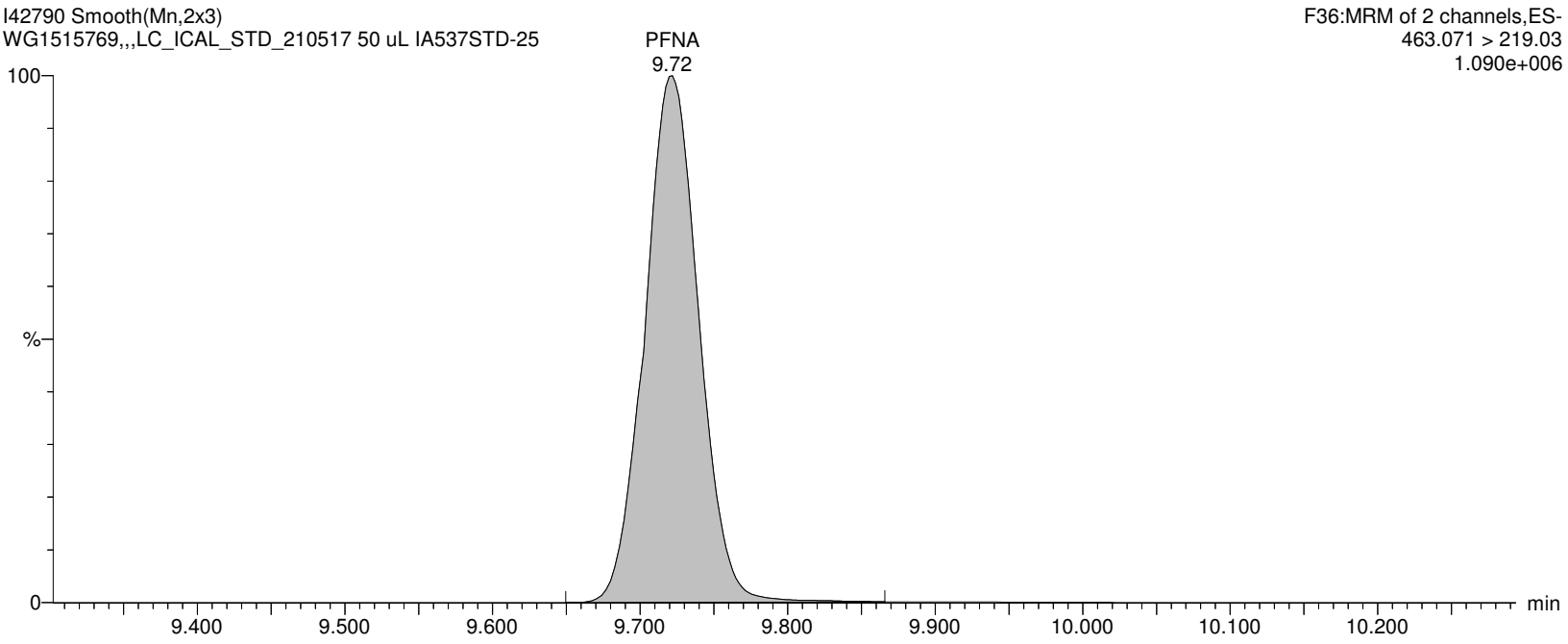
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNA



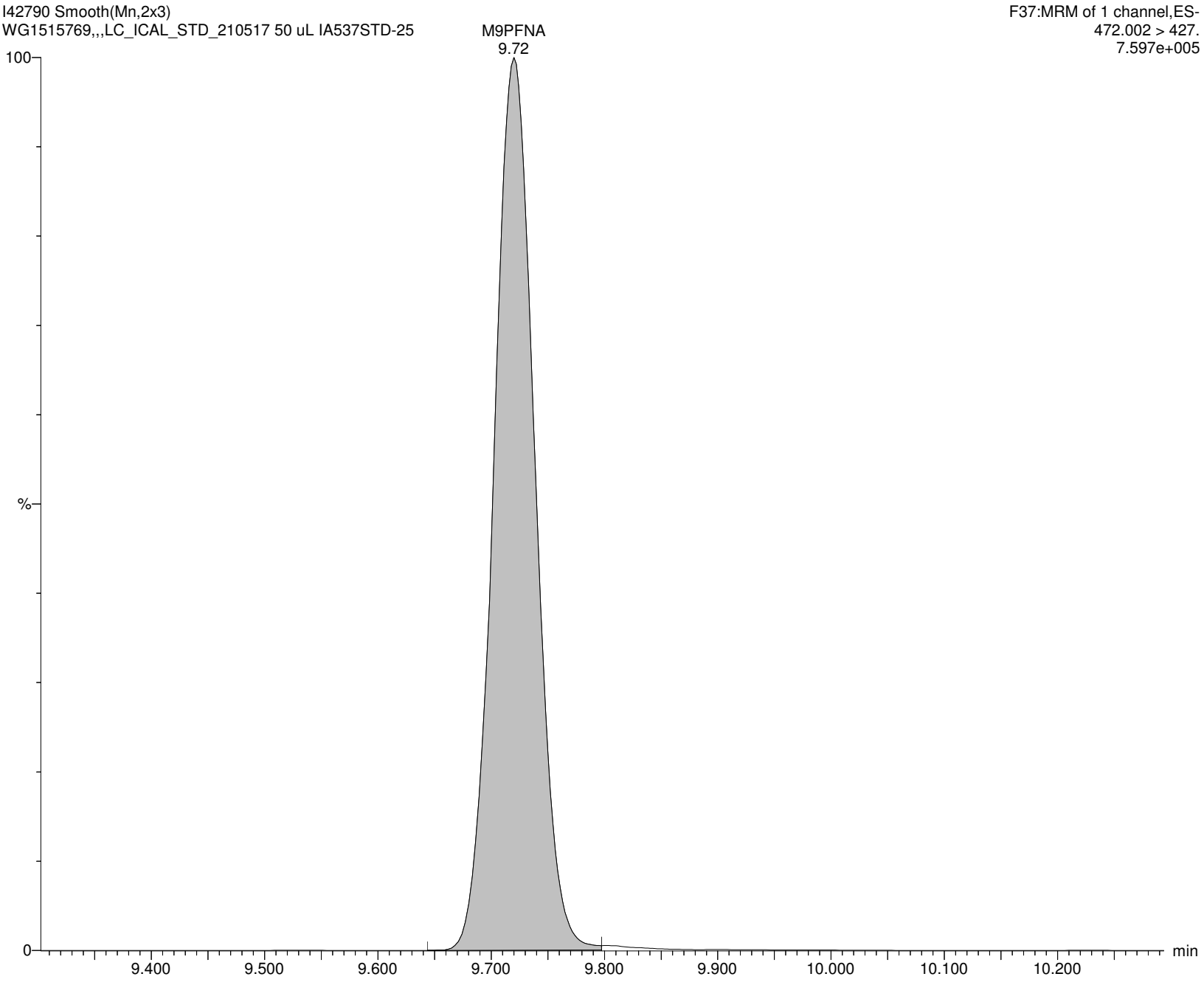


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M9PFNA

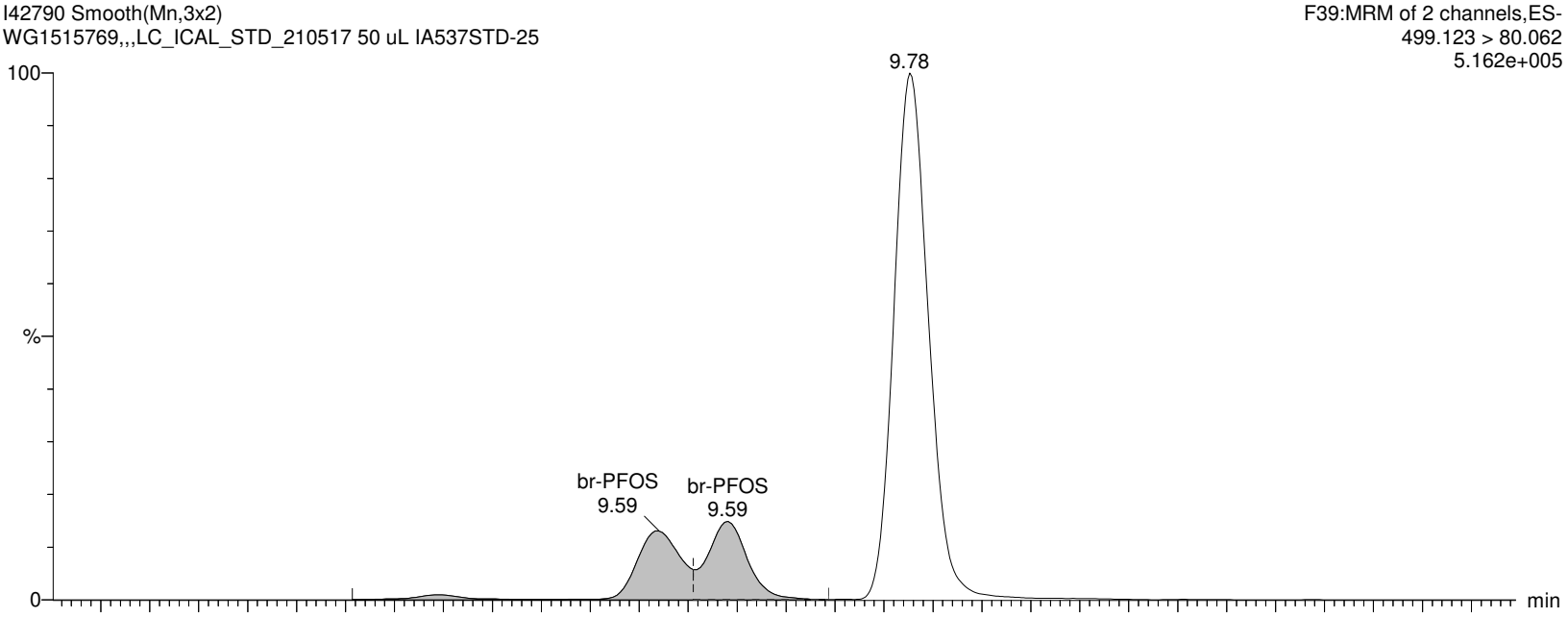


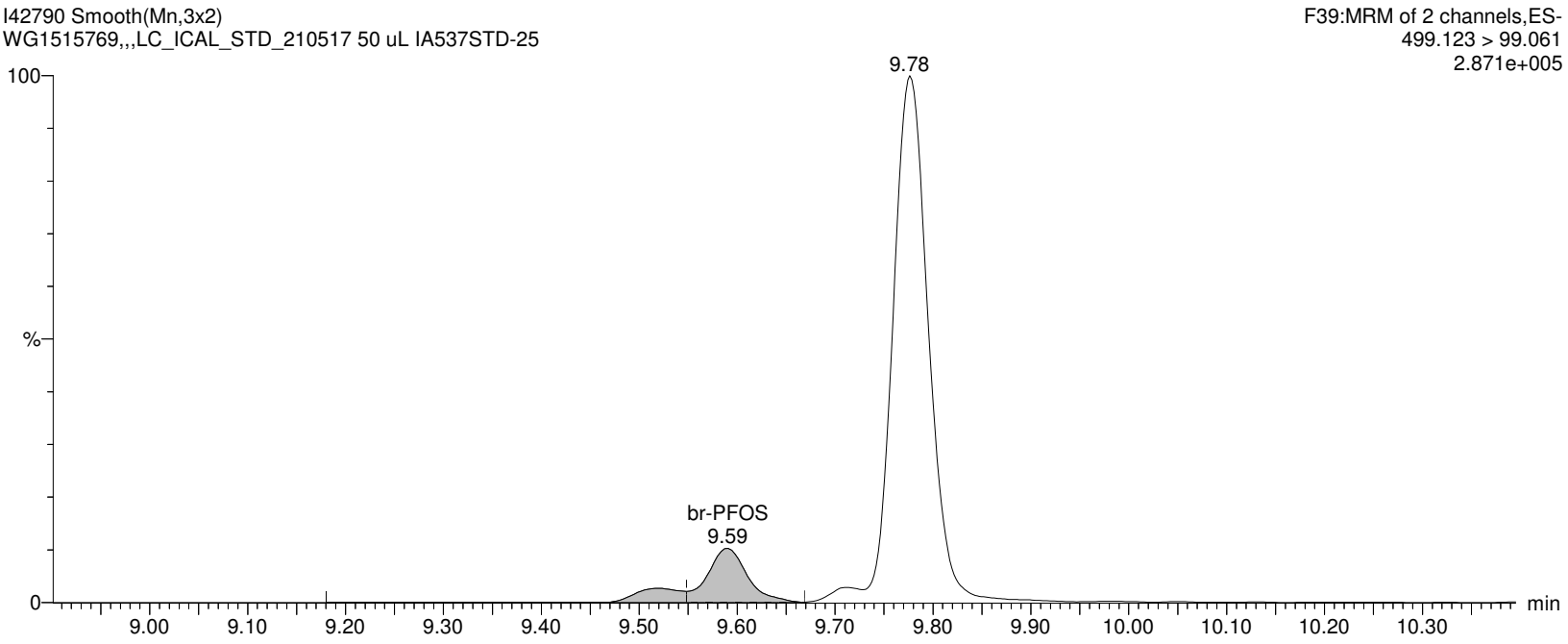
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOS



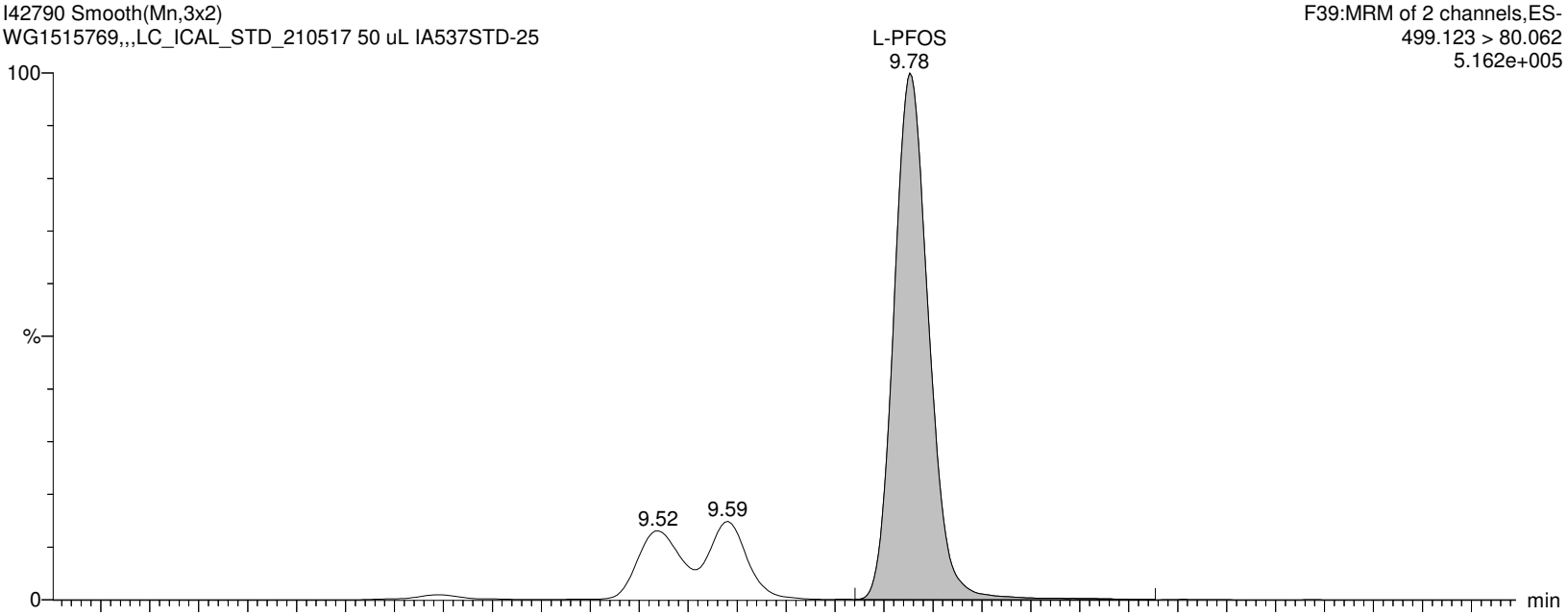


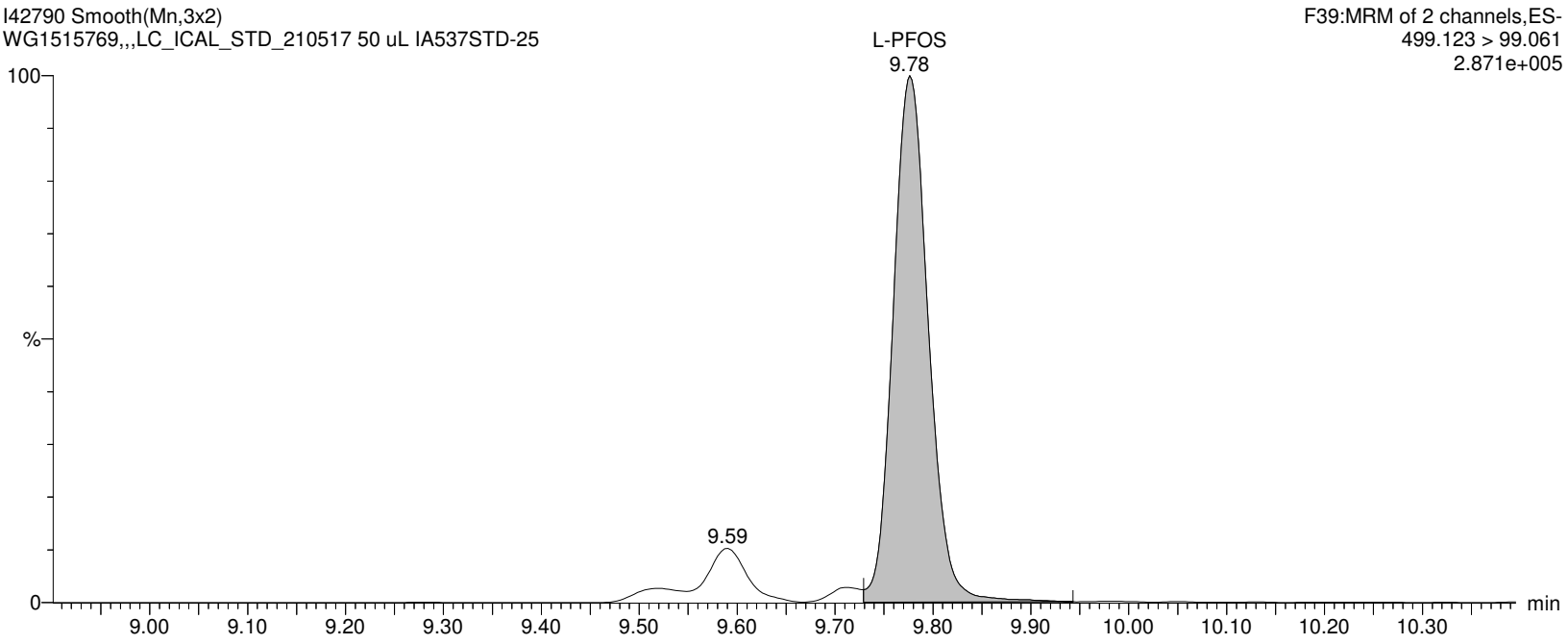
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOS



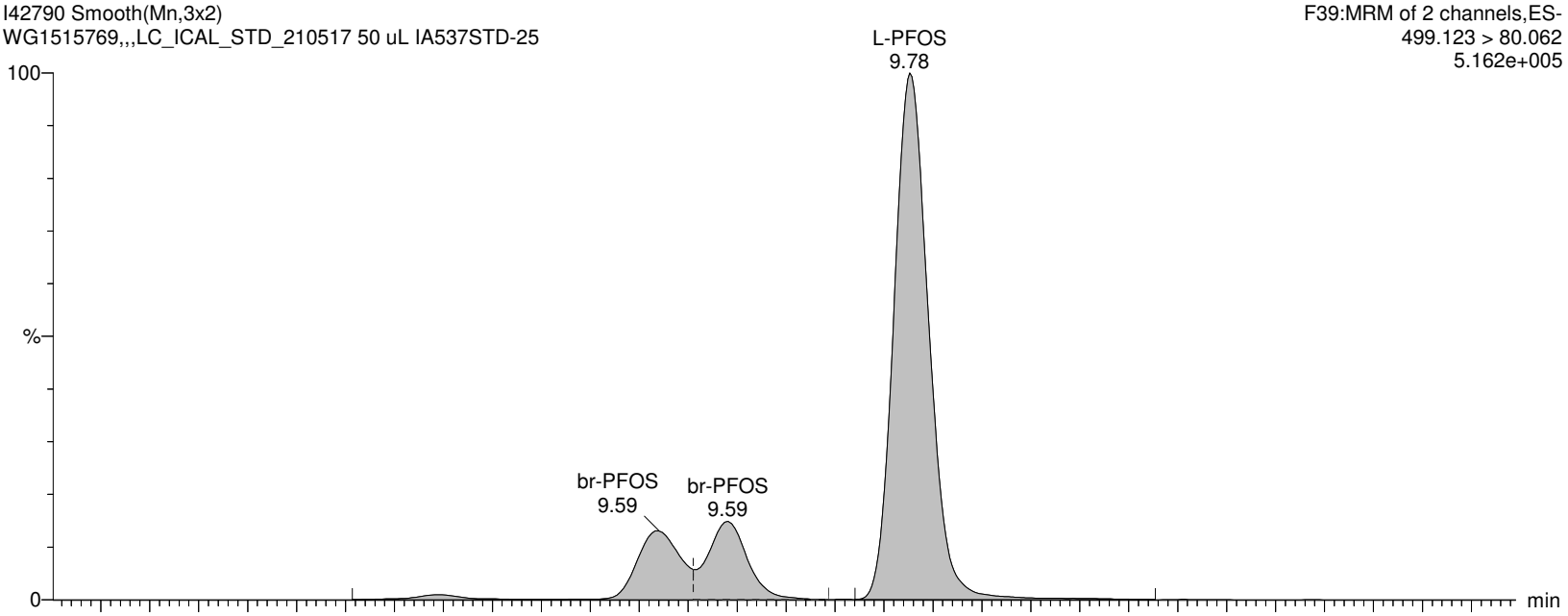


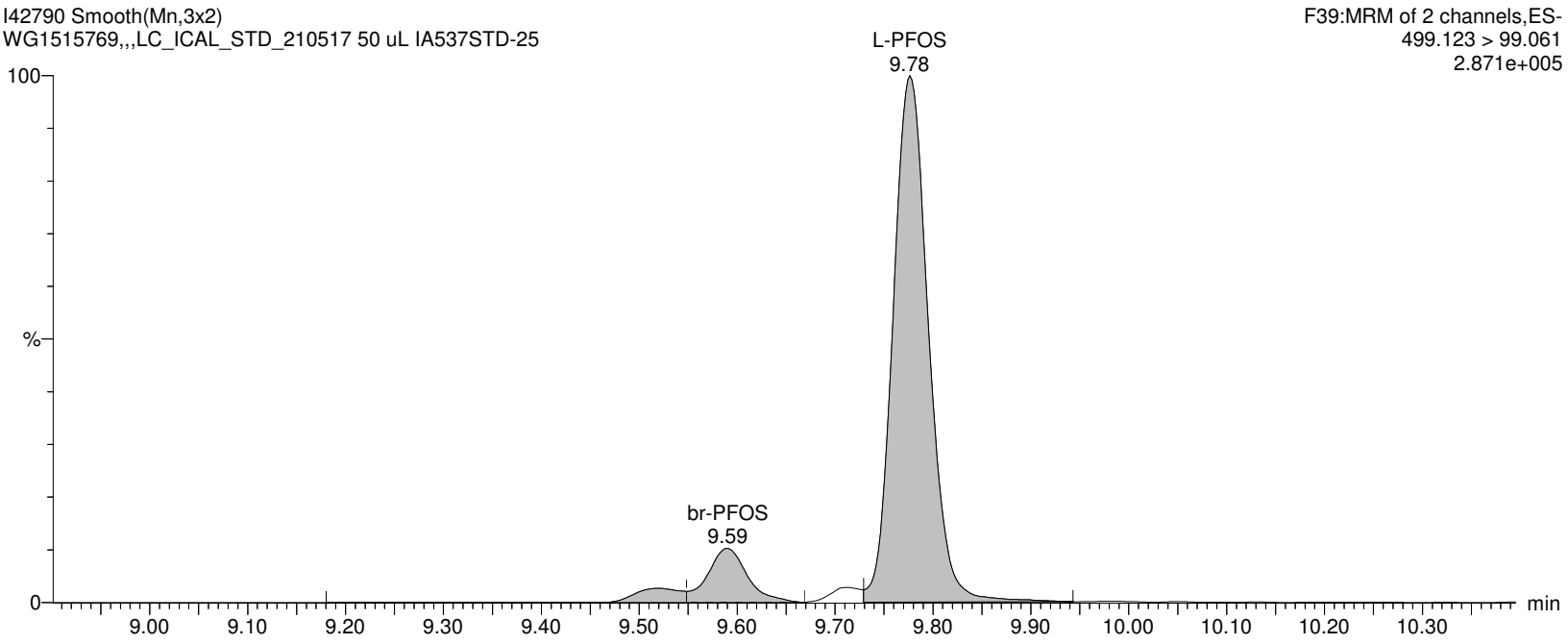
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOS



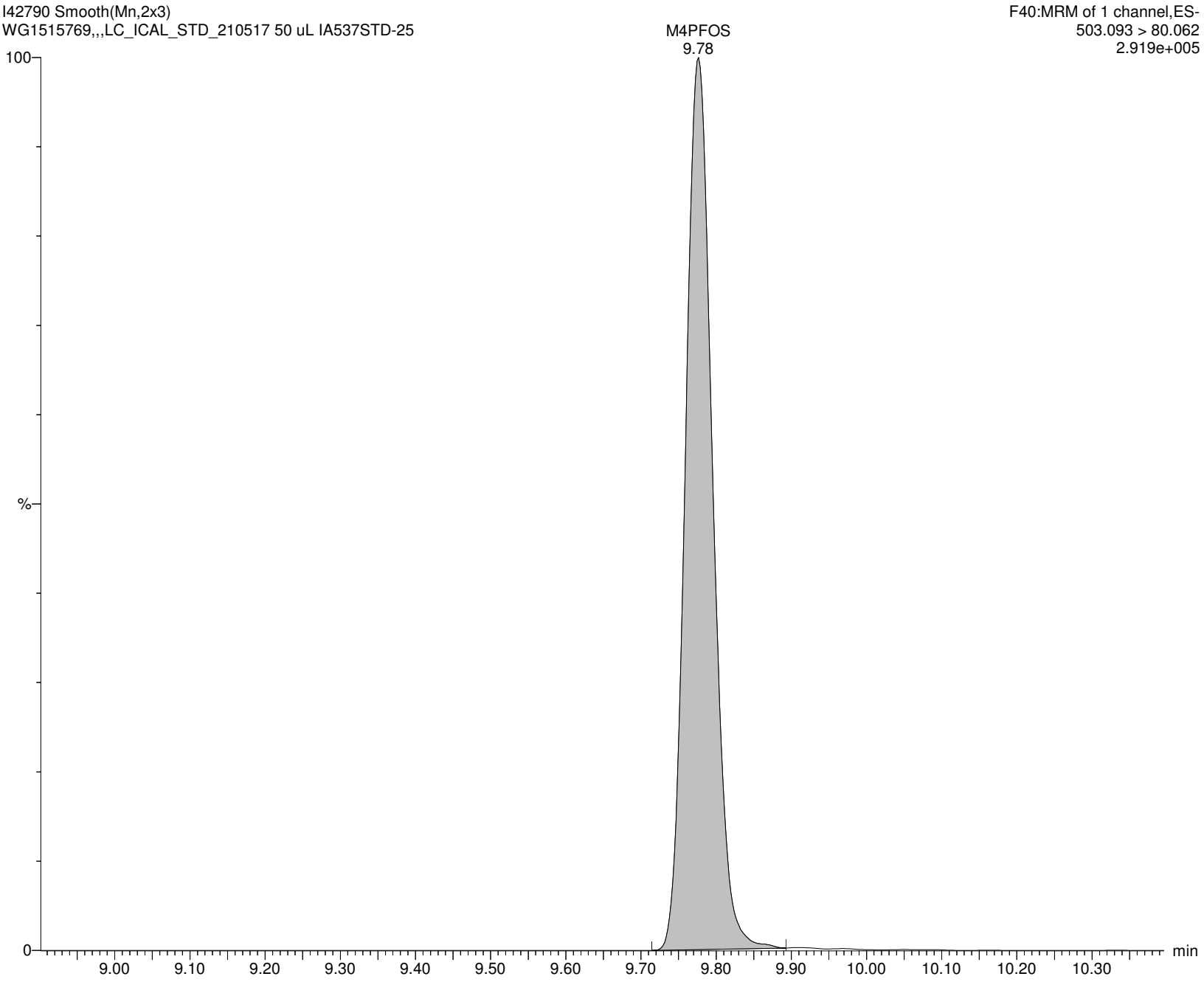


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOS

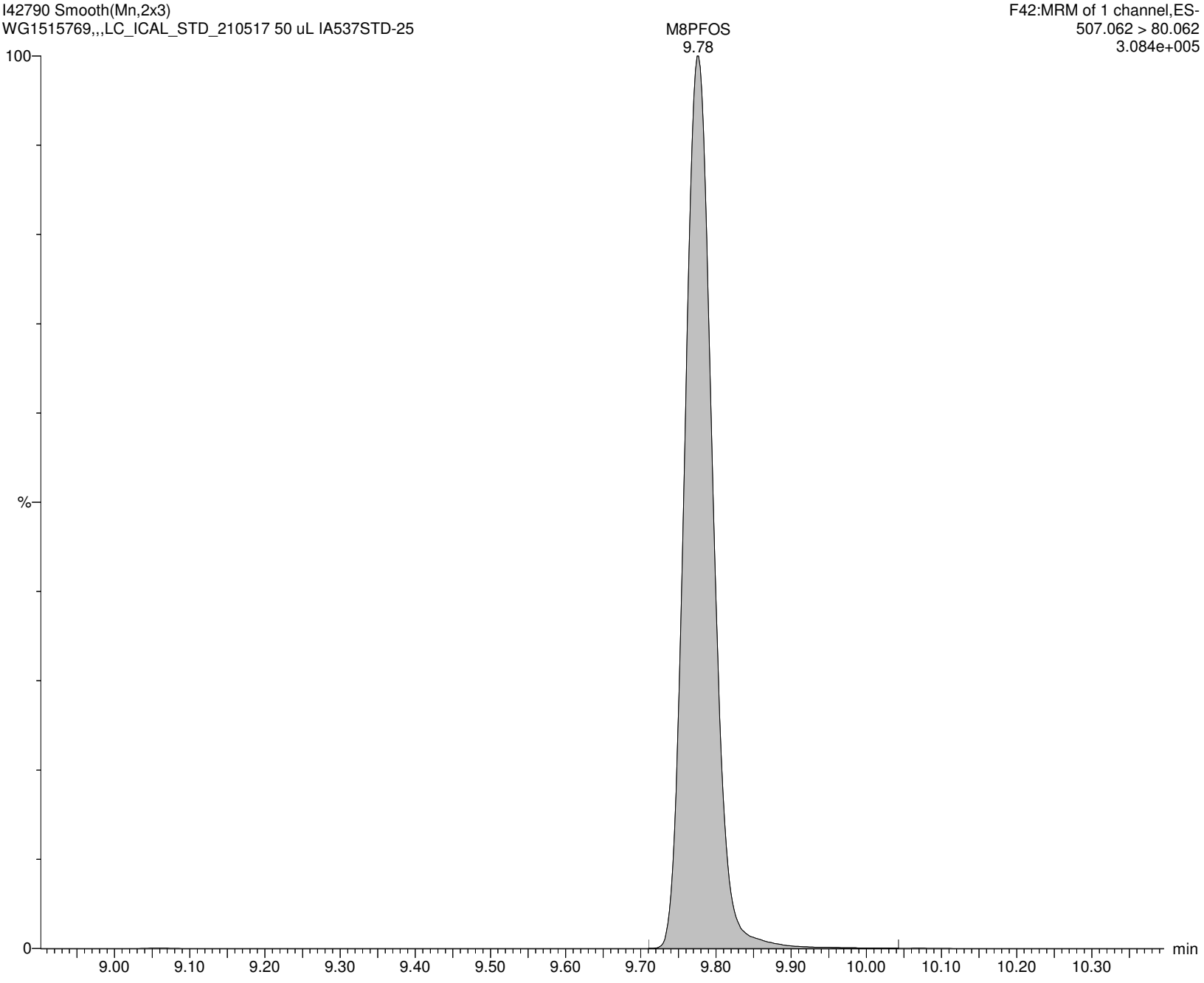


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOS

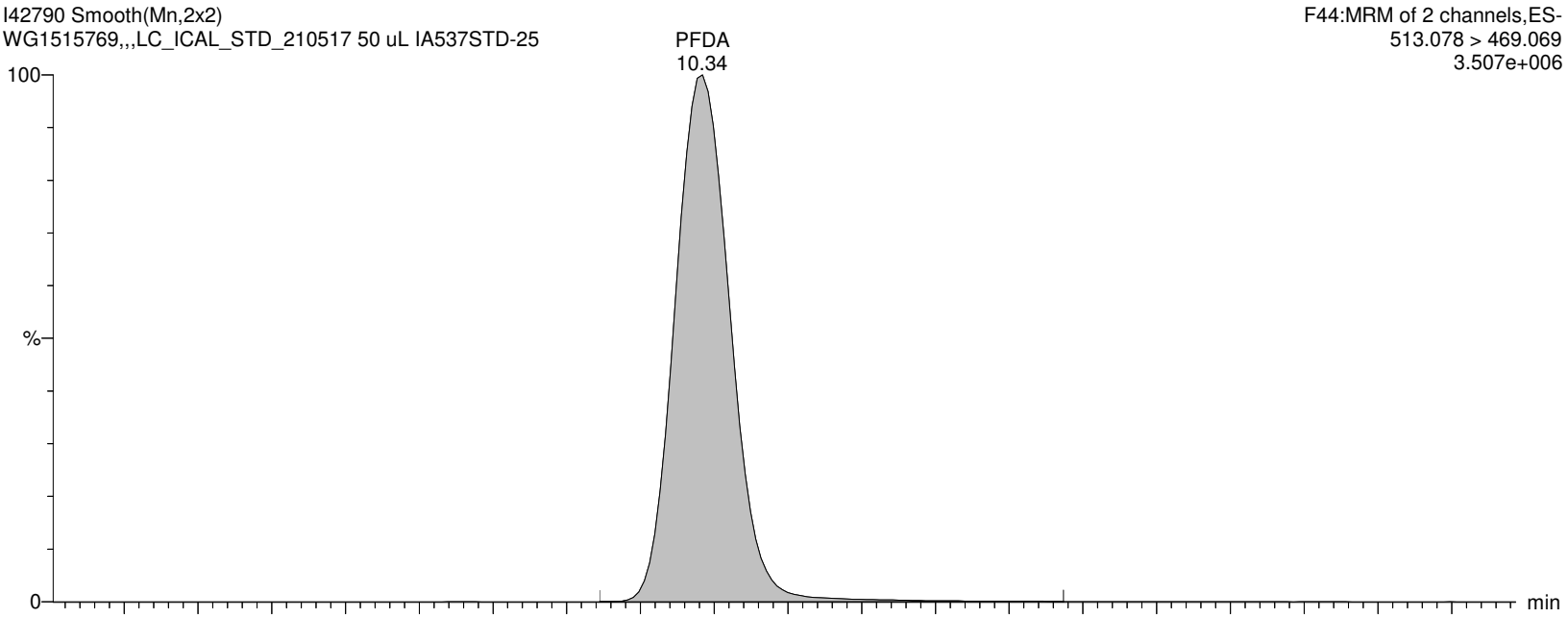


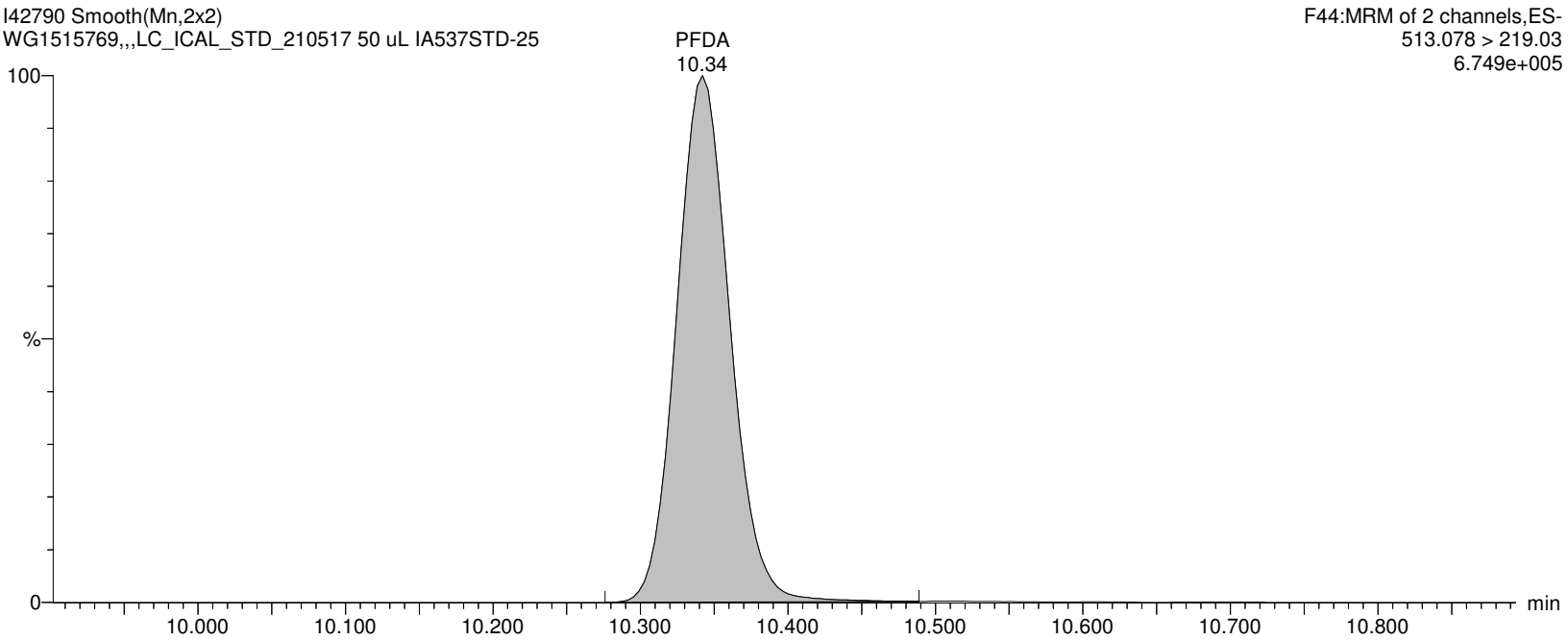
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDA



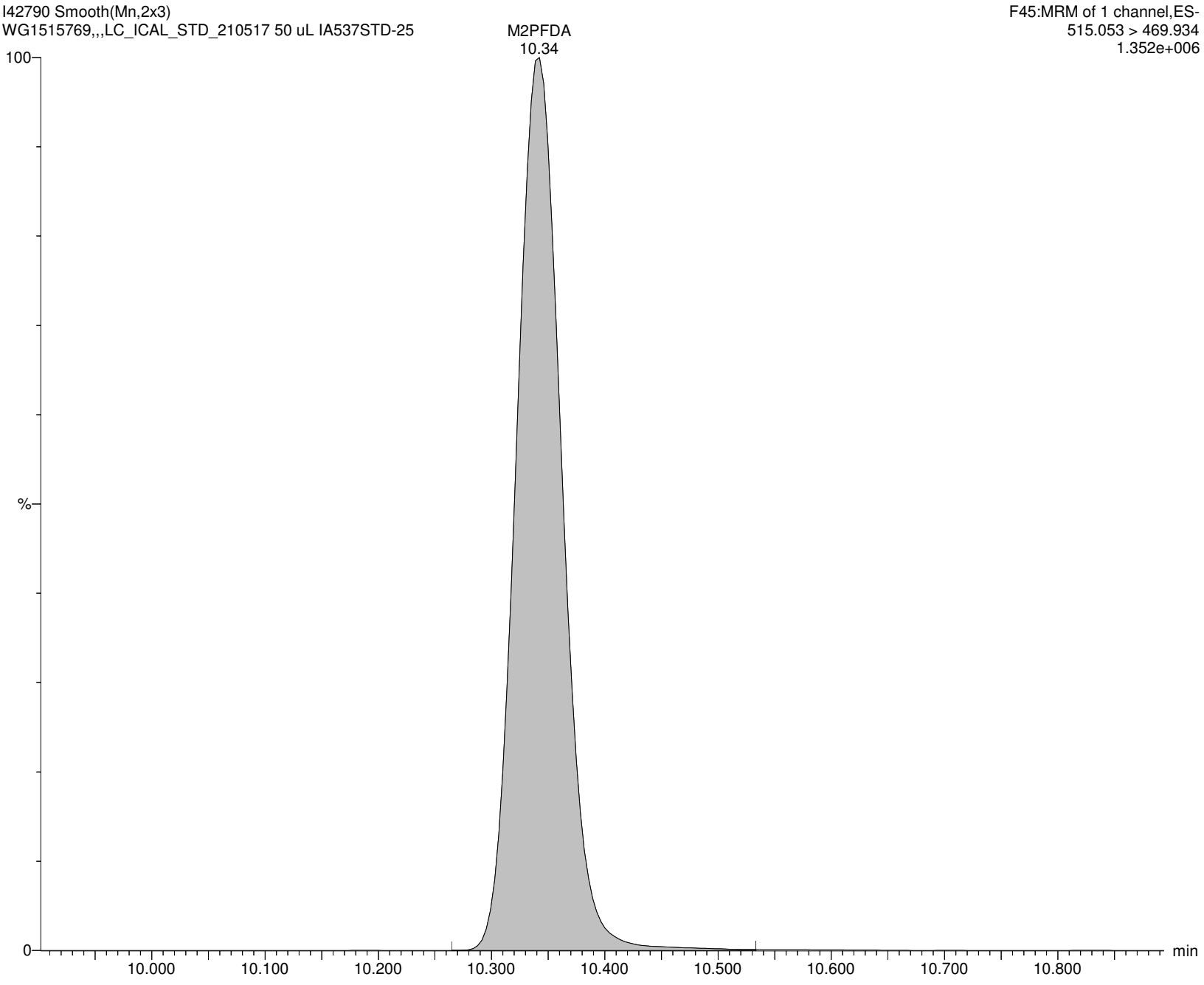


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFDA

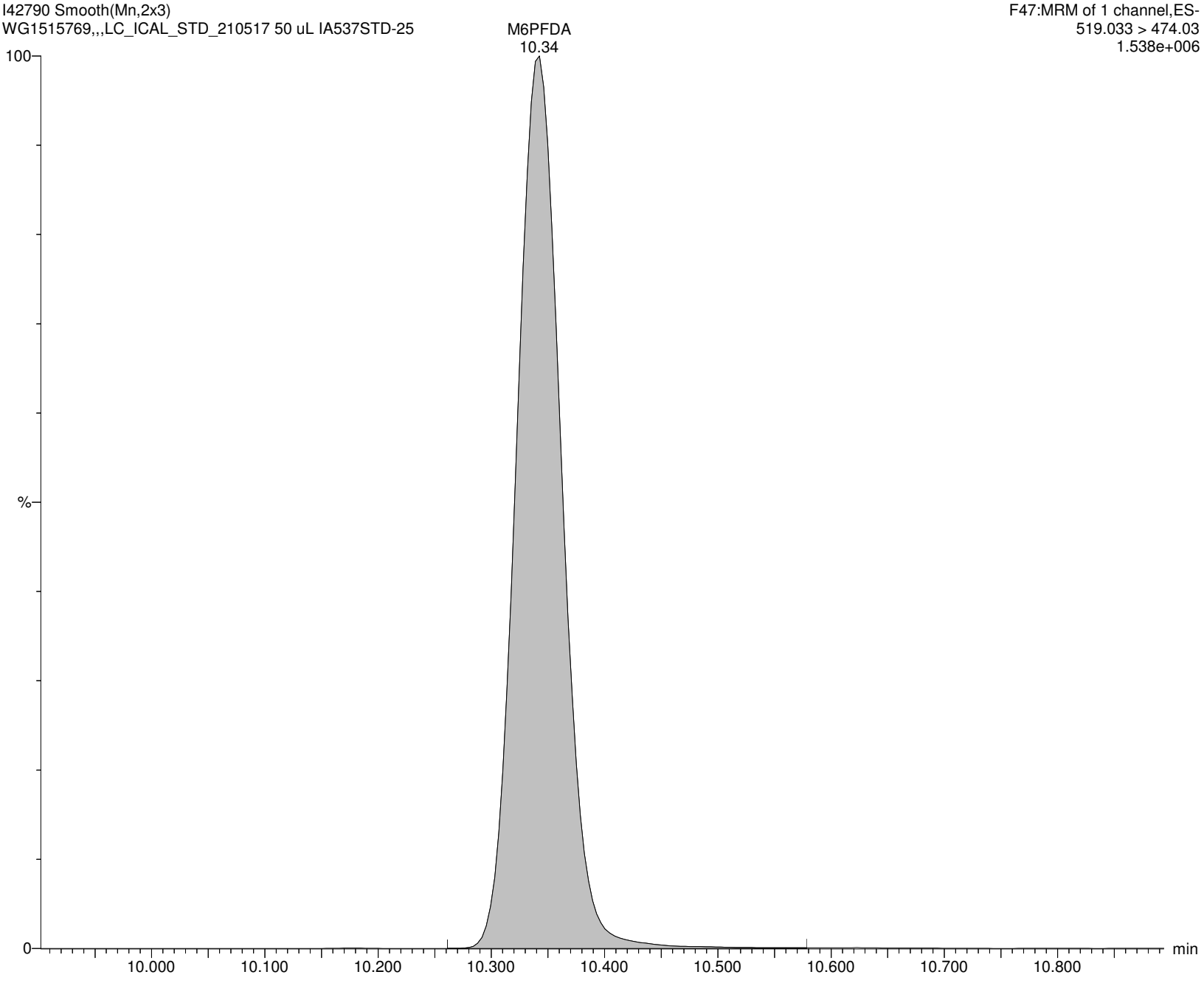


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M6PFDA

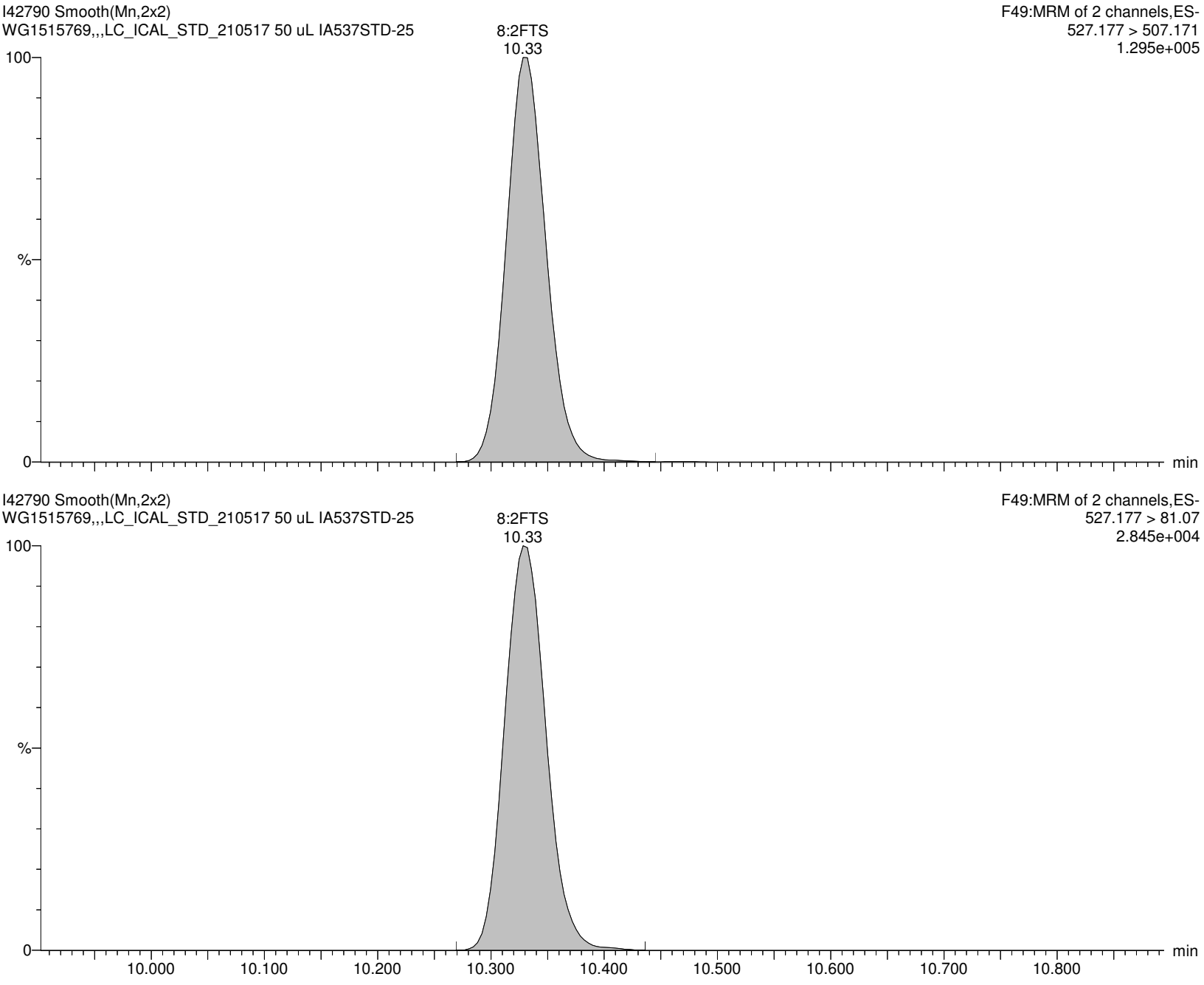


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

8:2FTS

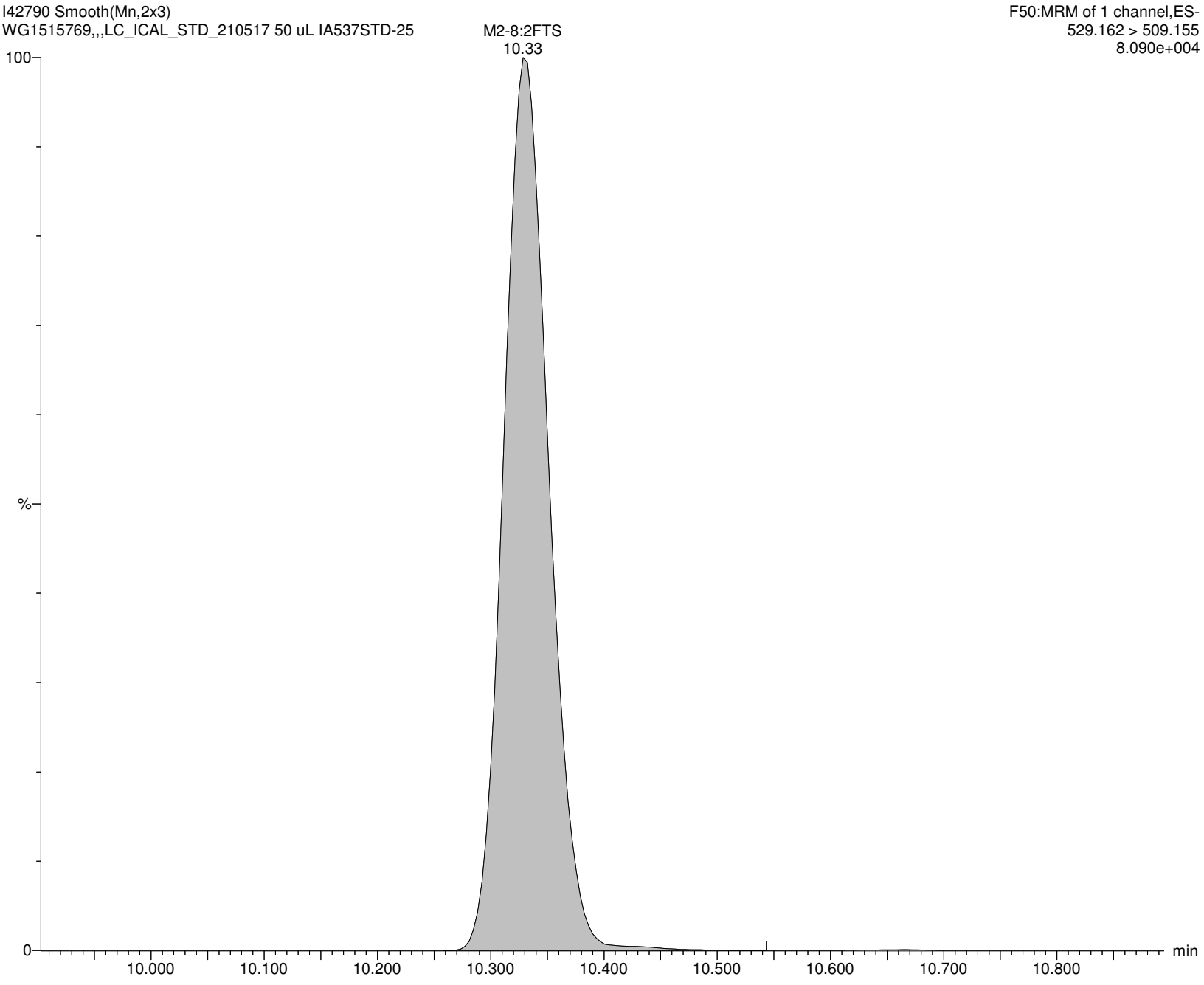


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-8:2FTS

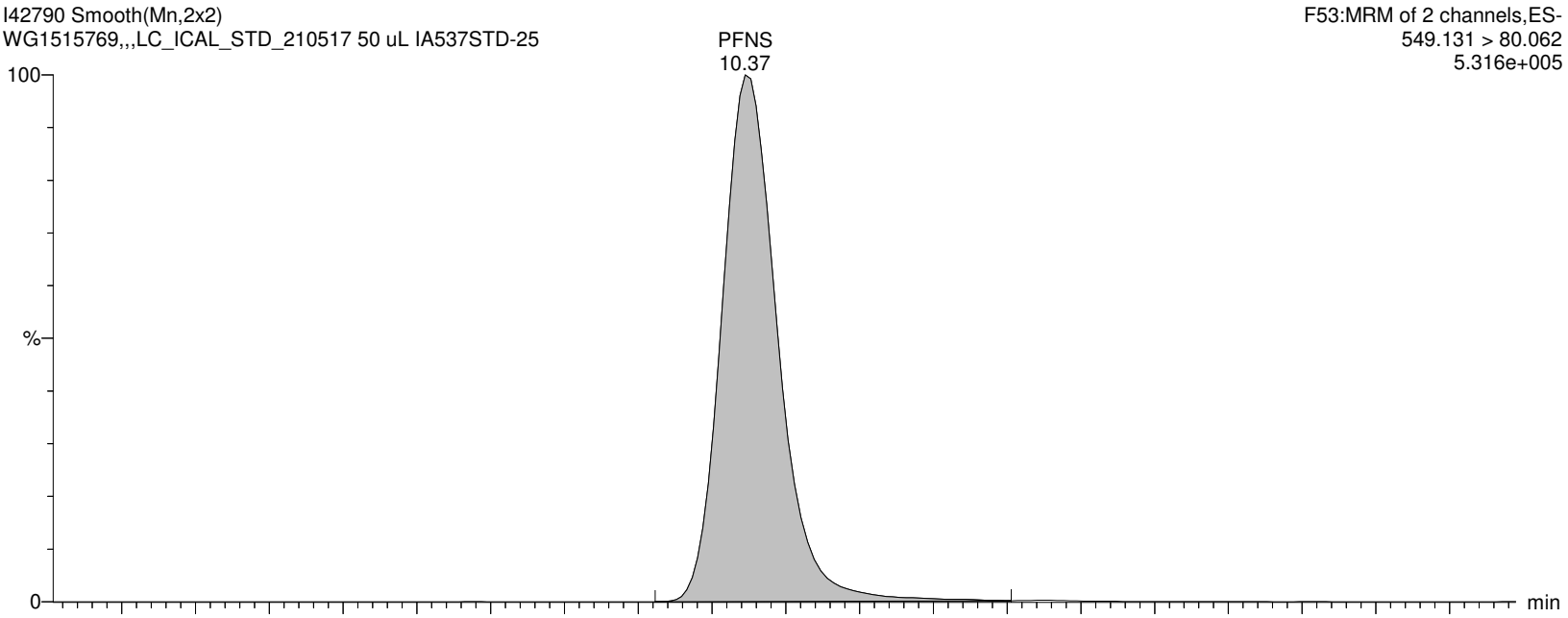


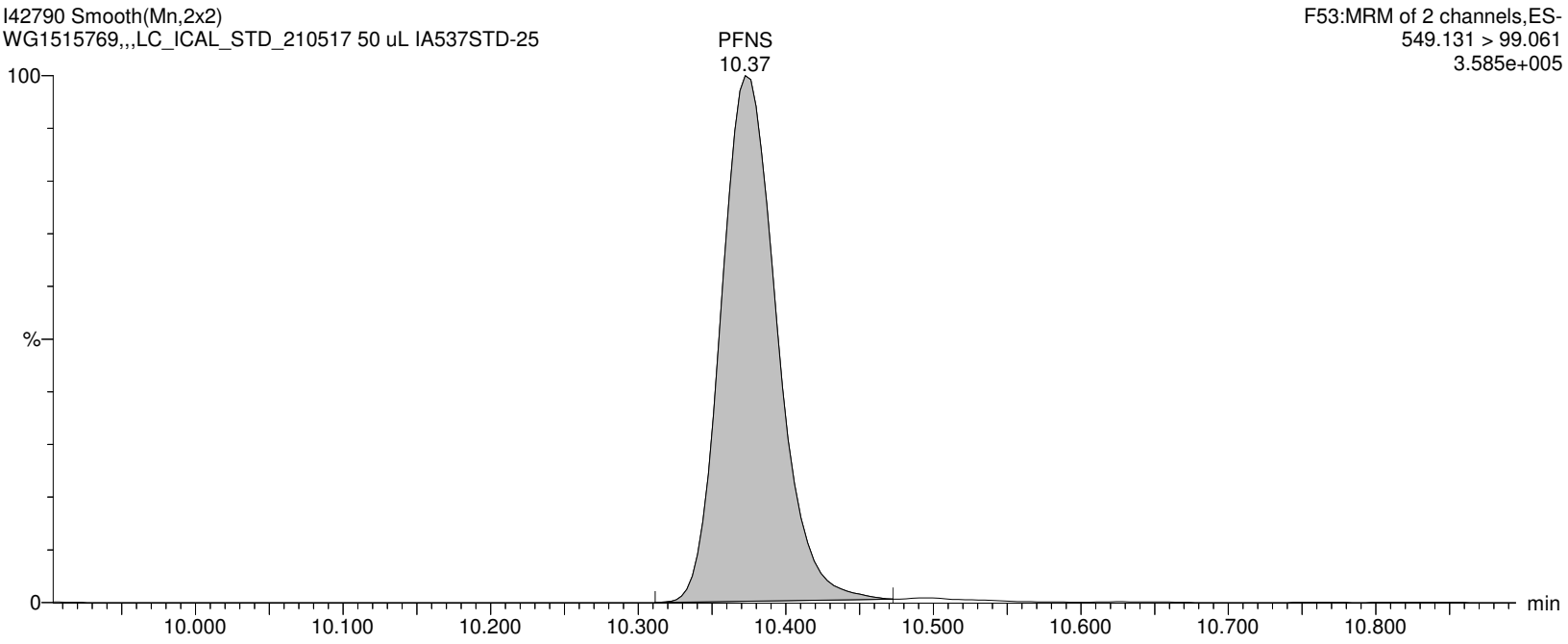
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNS



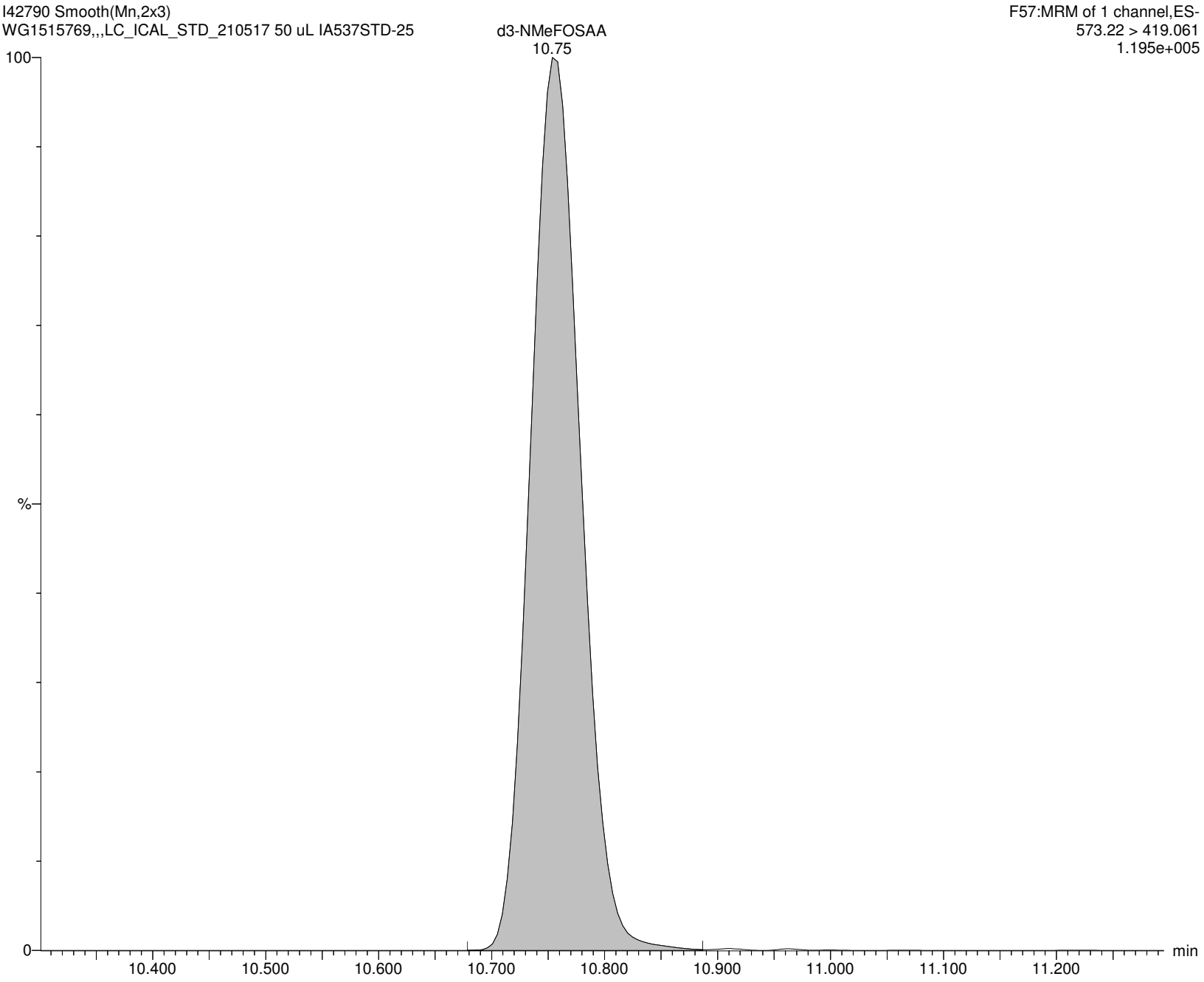


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

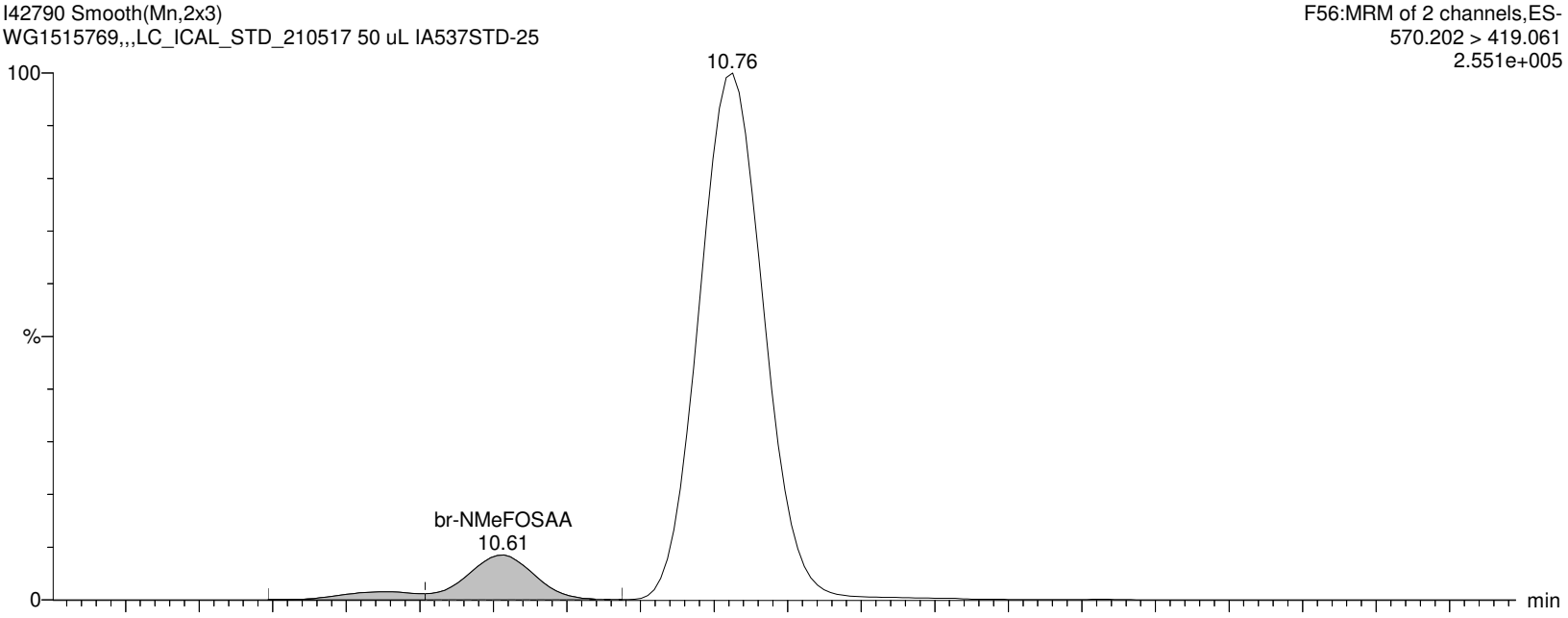
d3-NMeFOSAA

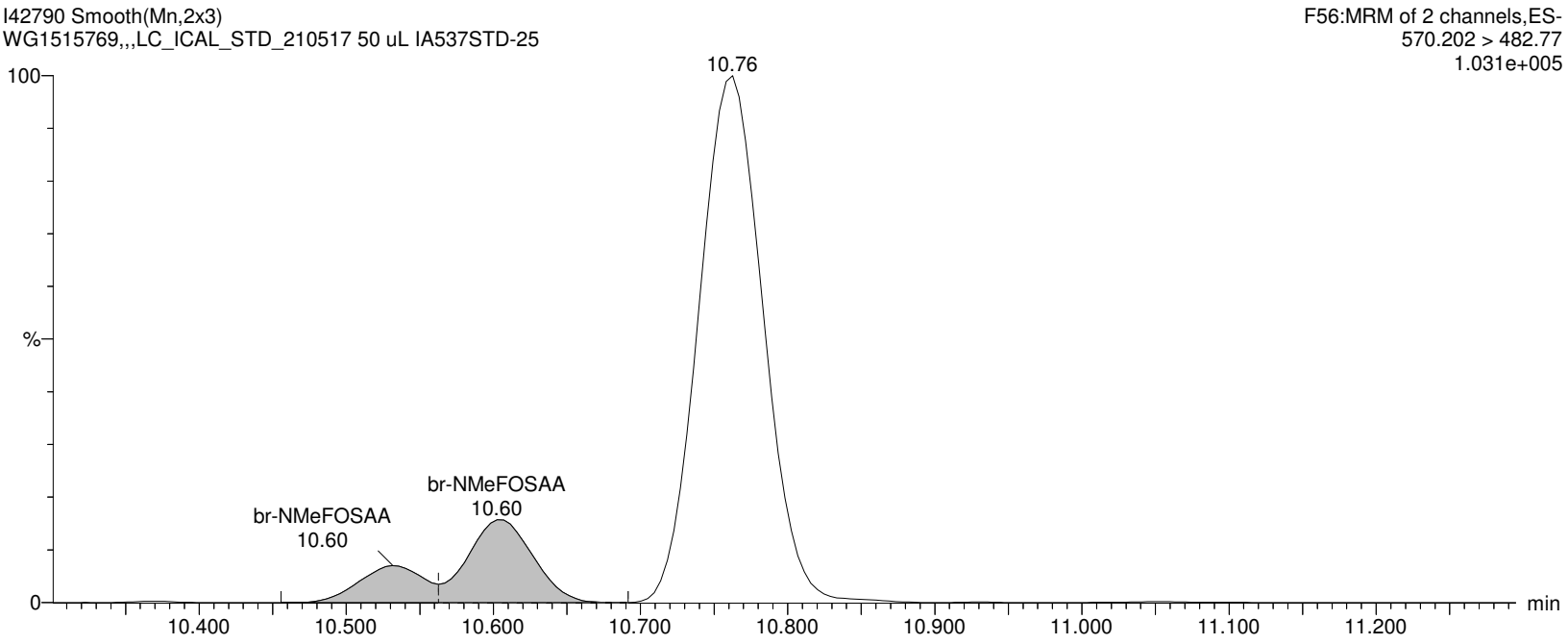


all concentration units in (ng/mL)

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NMeFOSAA

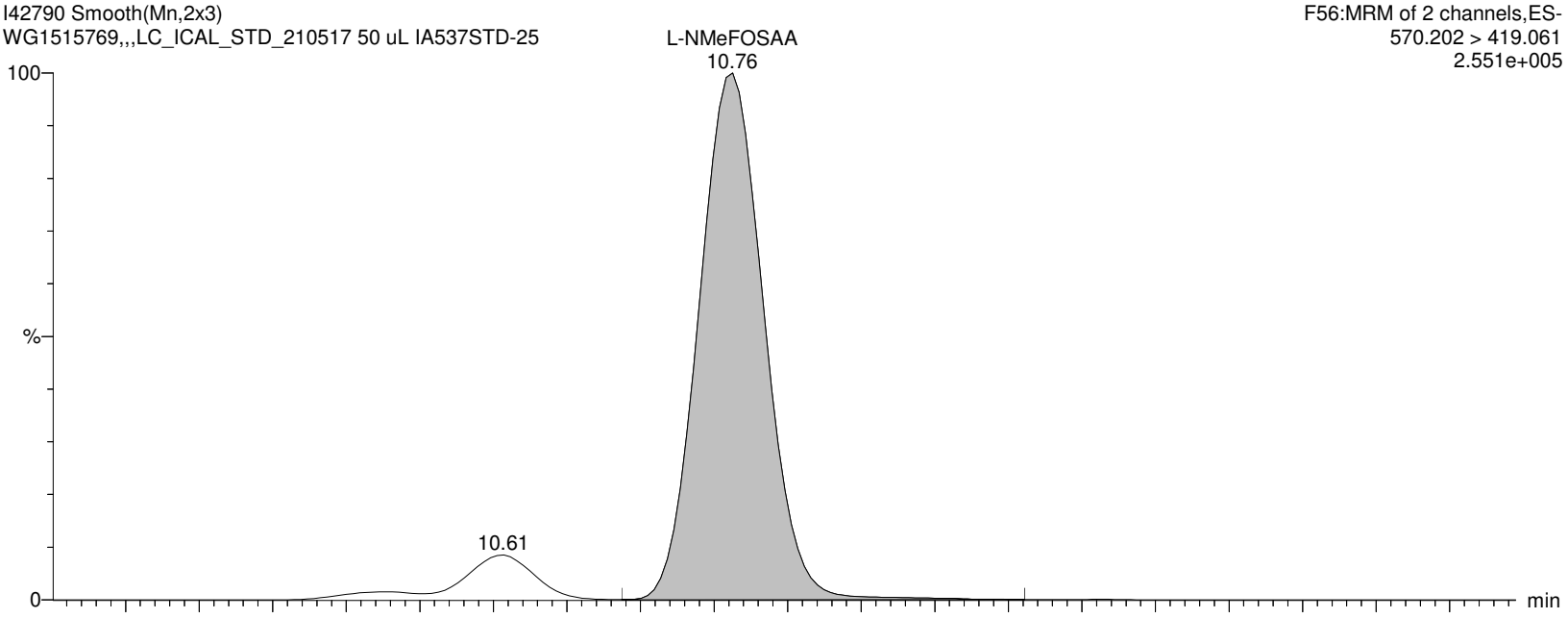


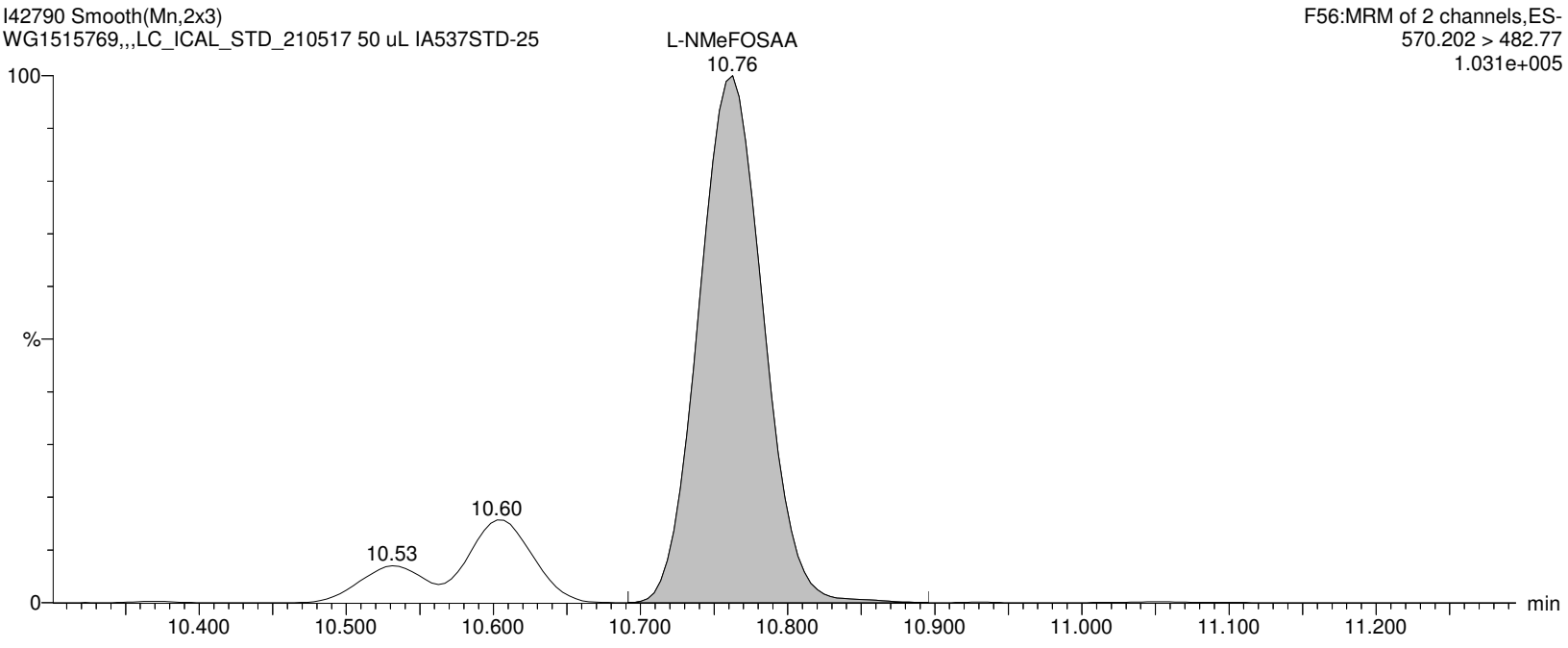


Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NMeFOSAA



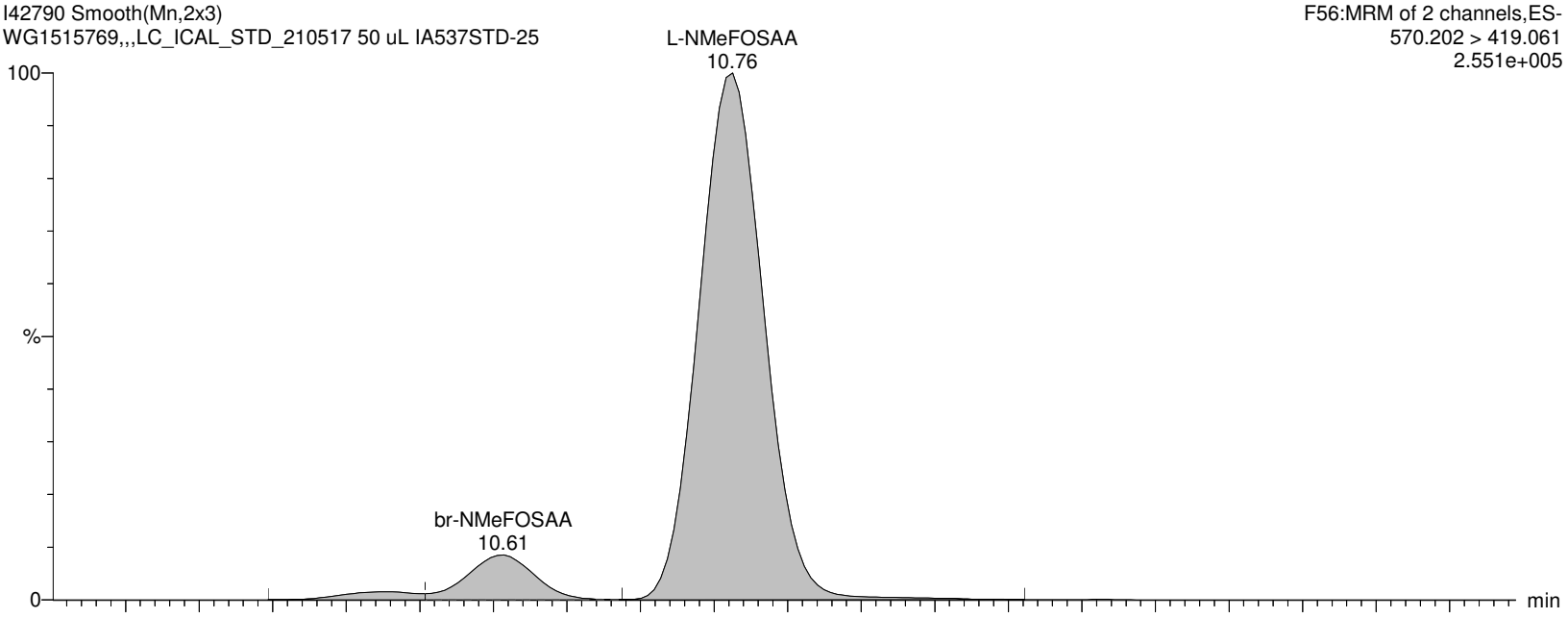


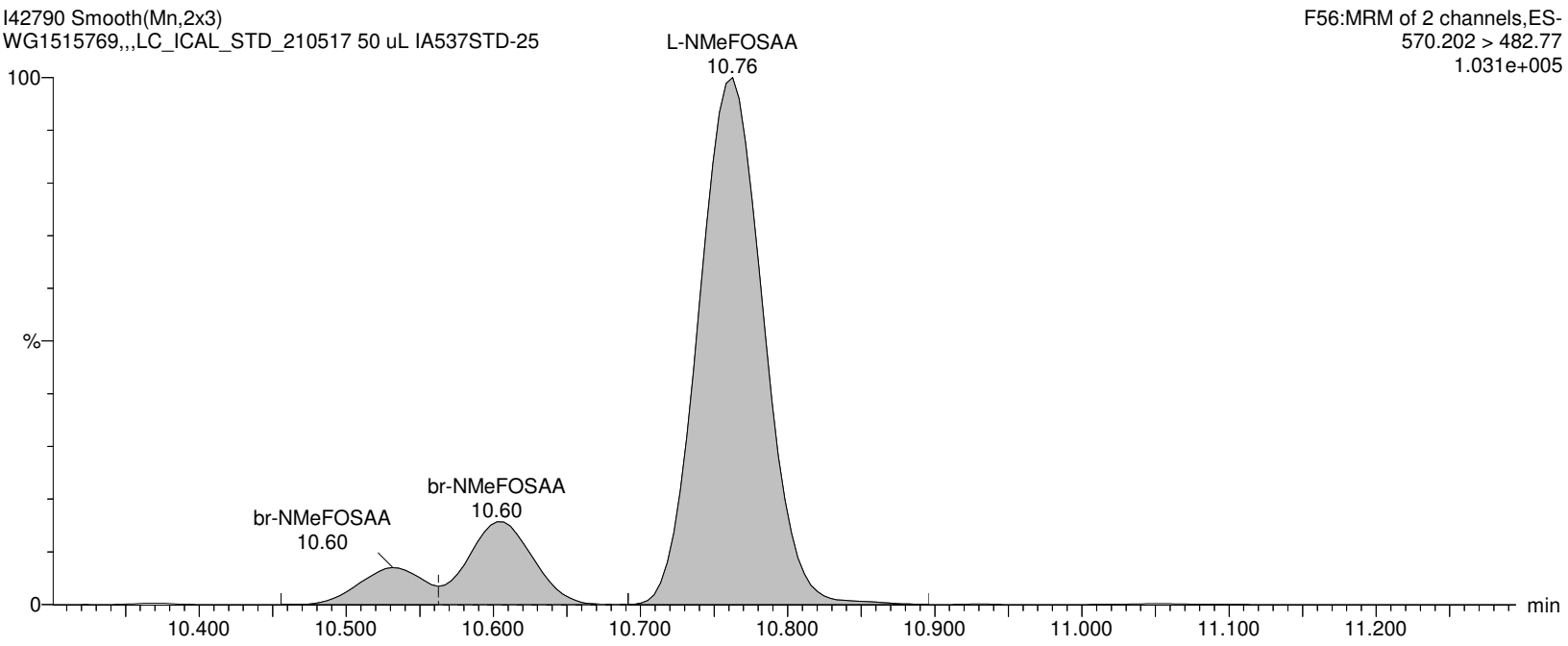
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSAA



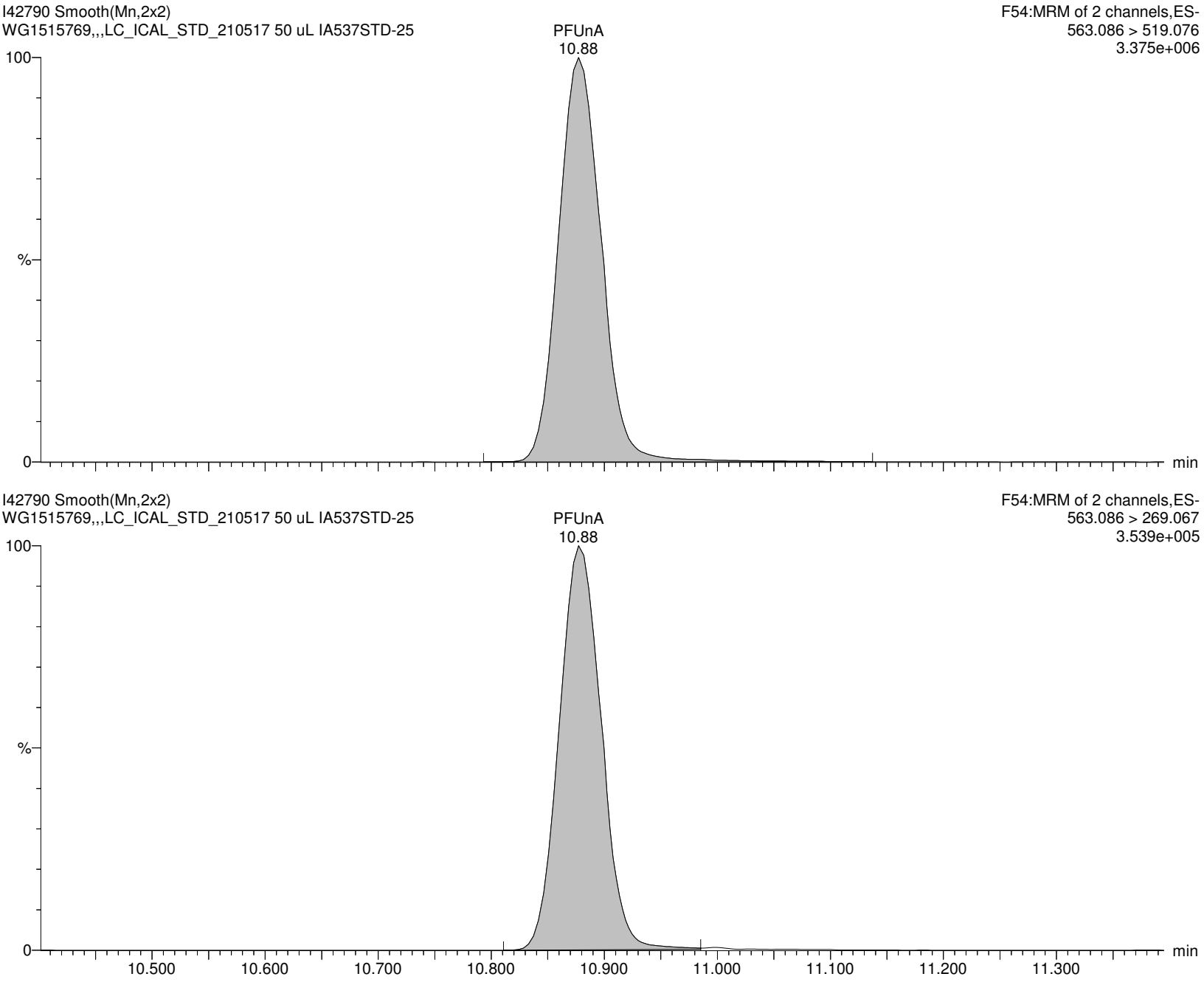


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFUnA

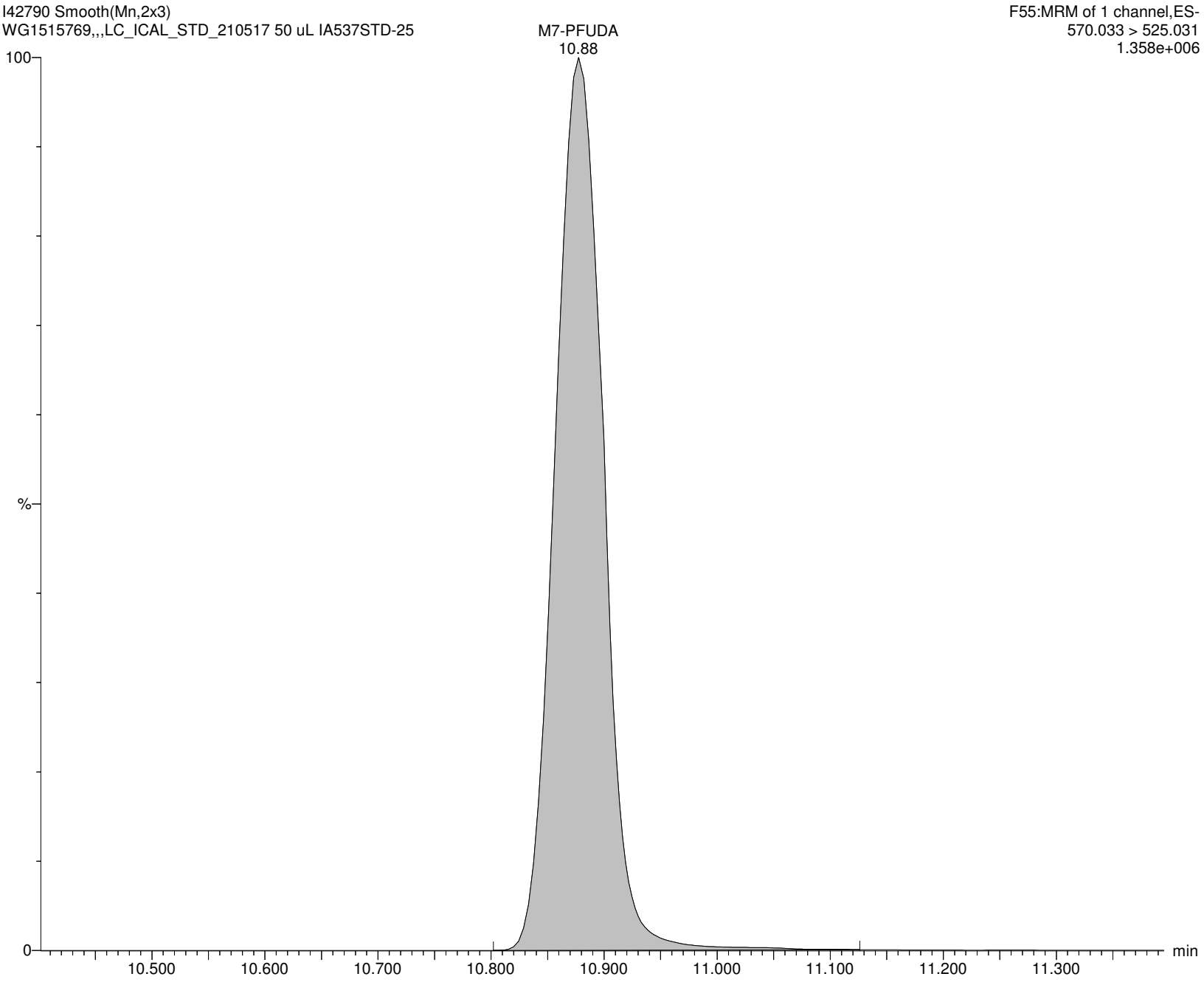


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M7-PFUDA

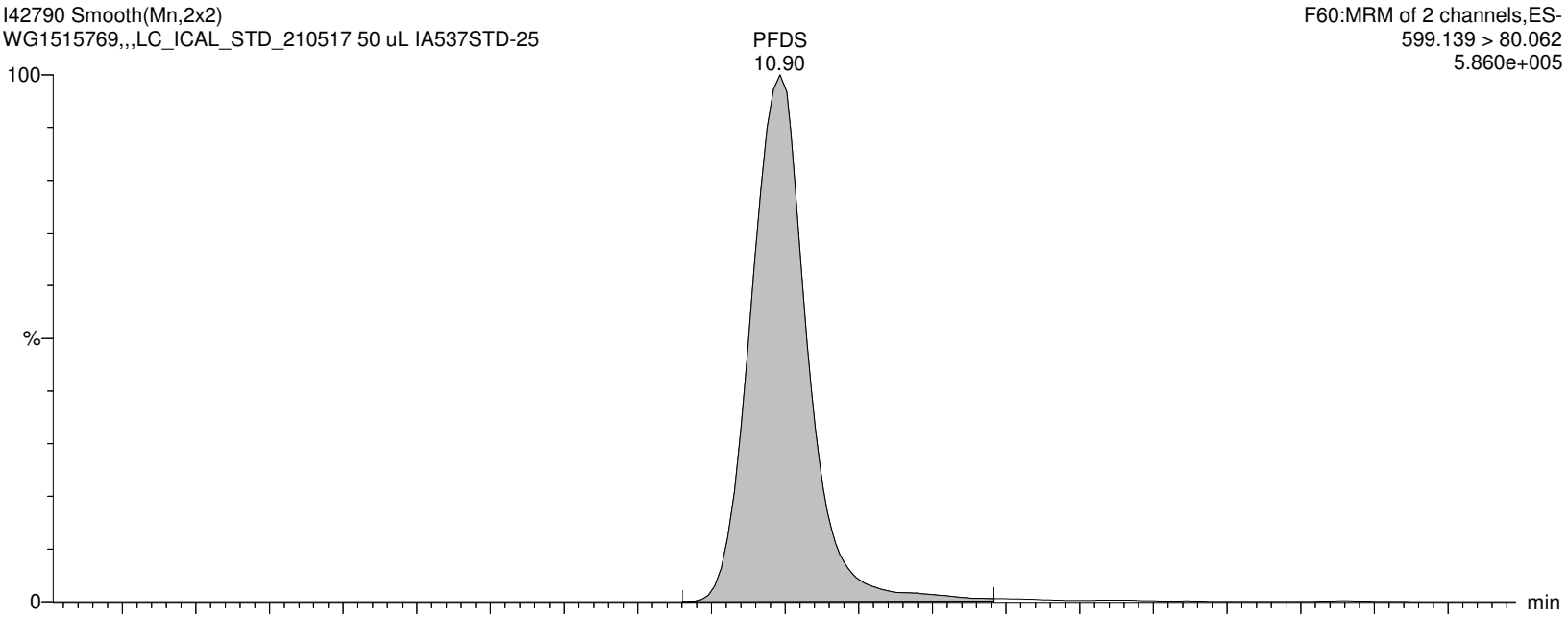


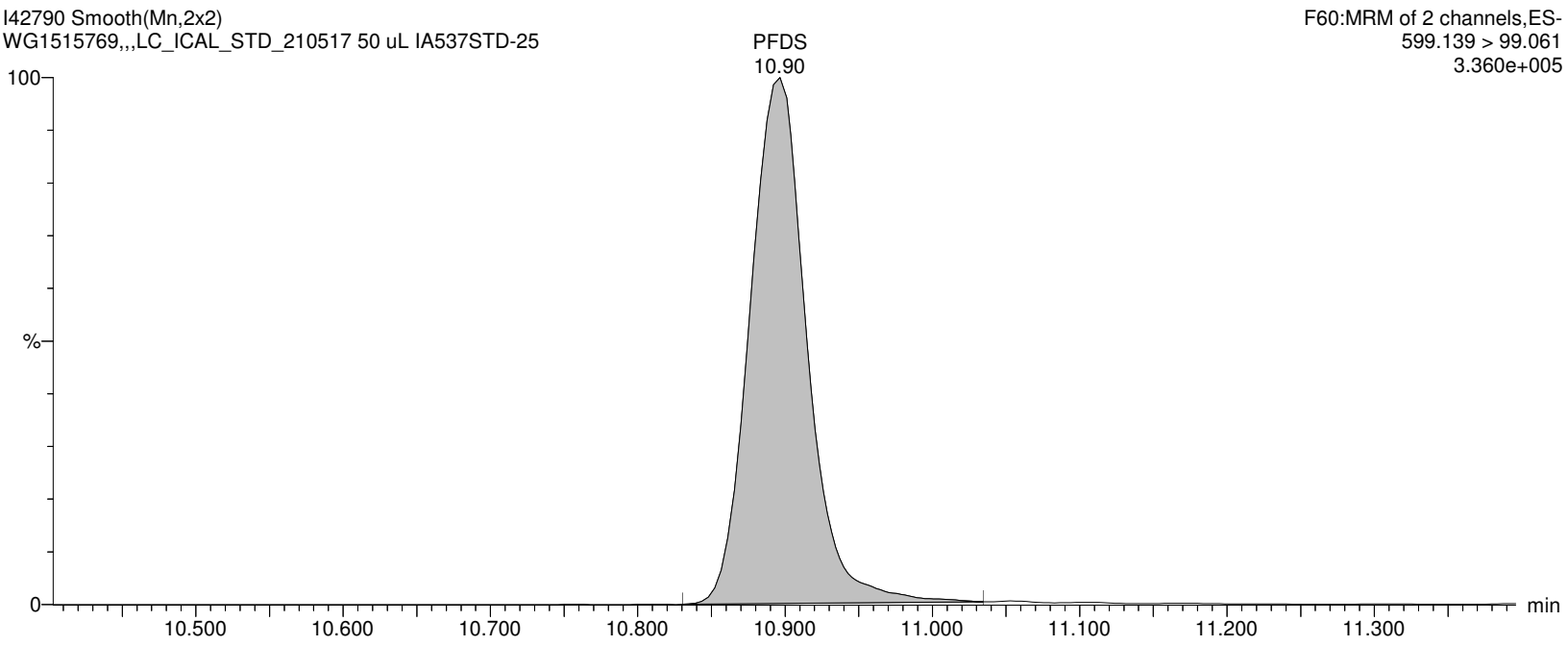
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDS



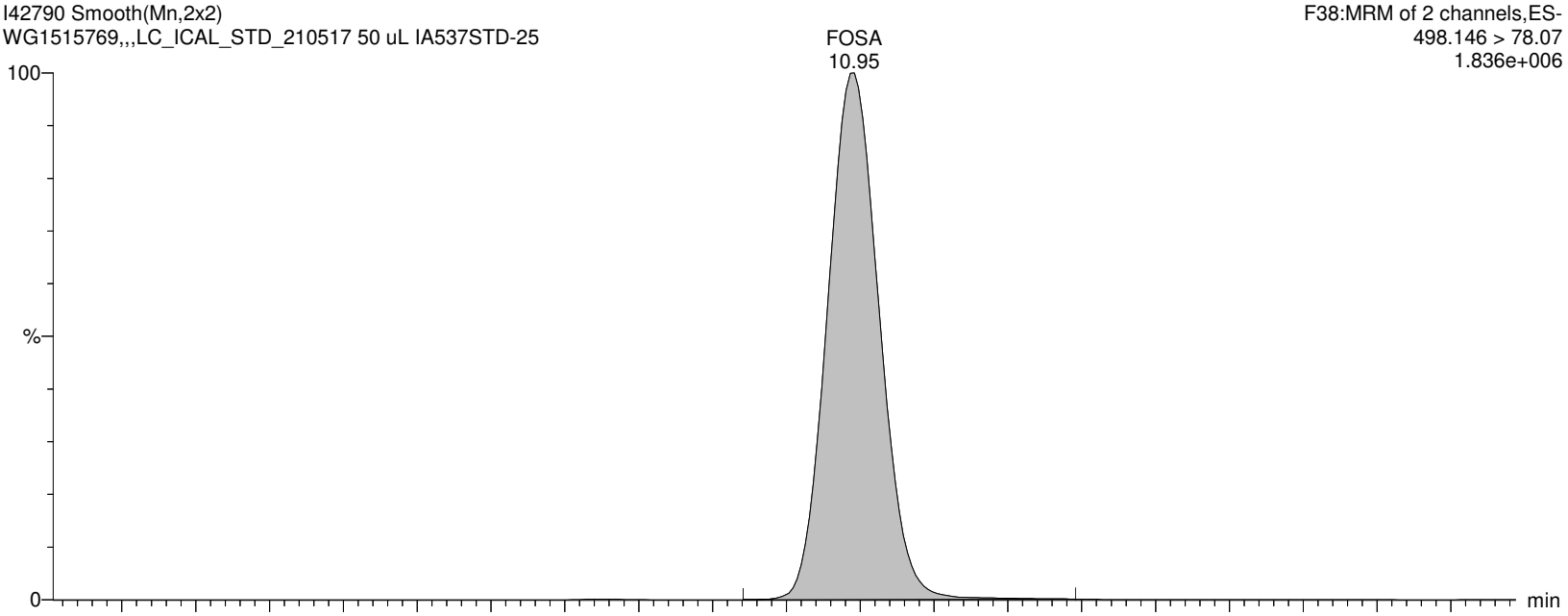


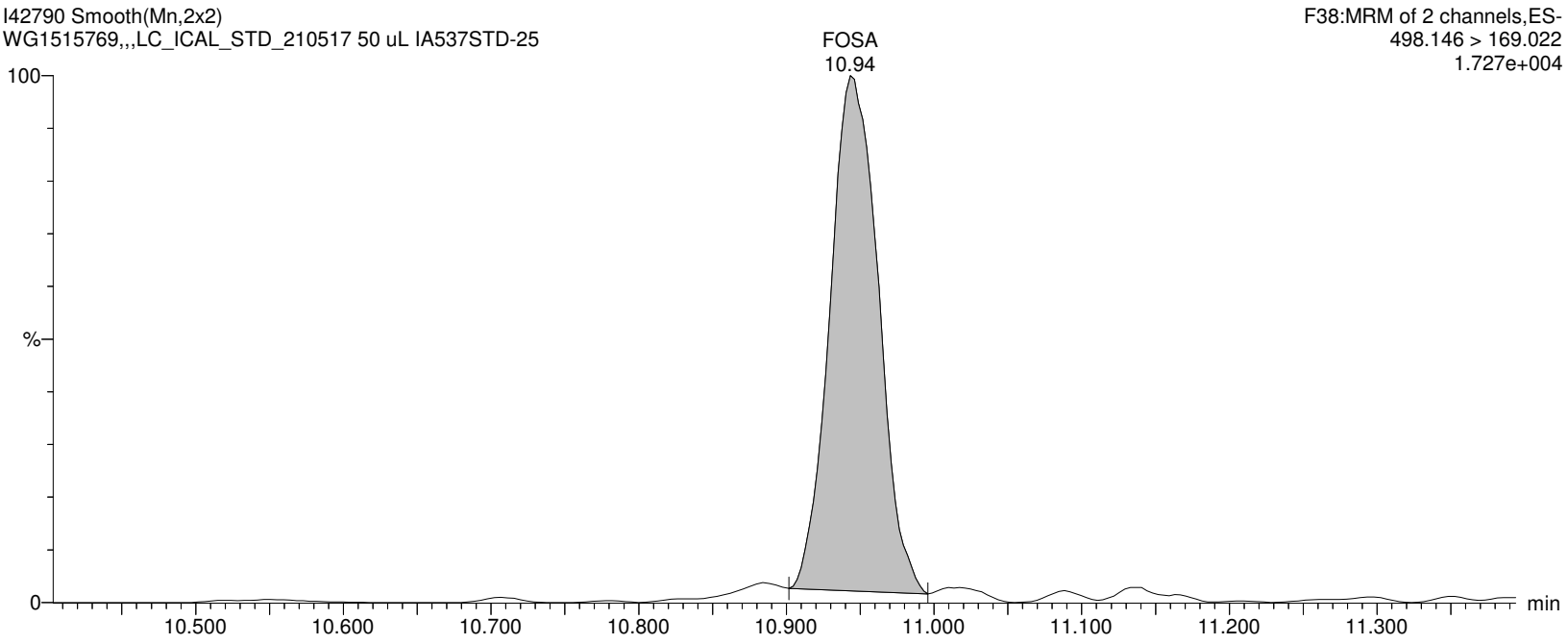
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

FOSA



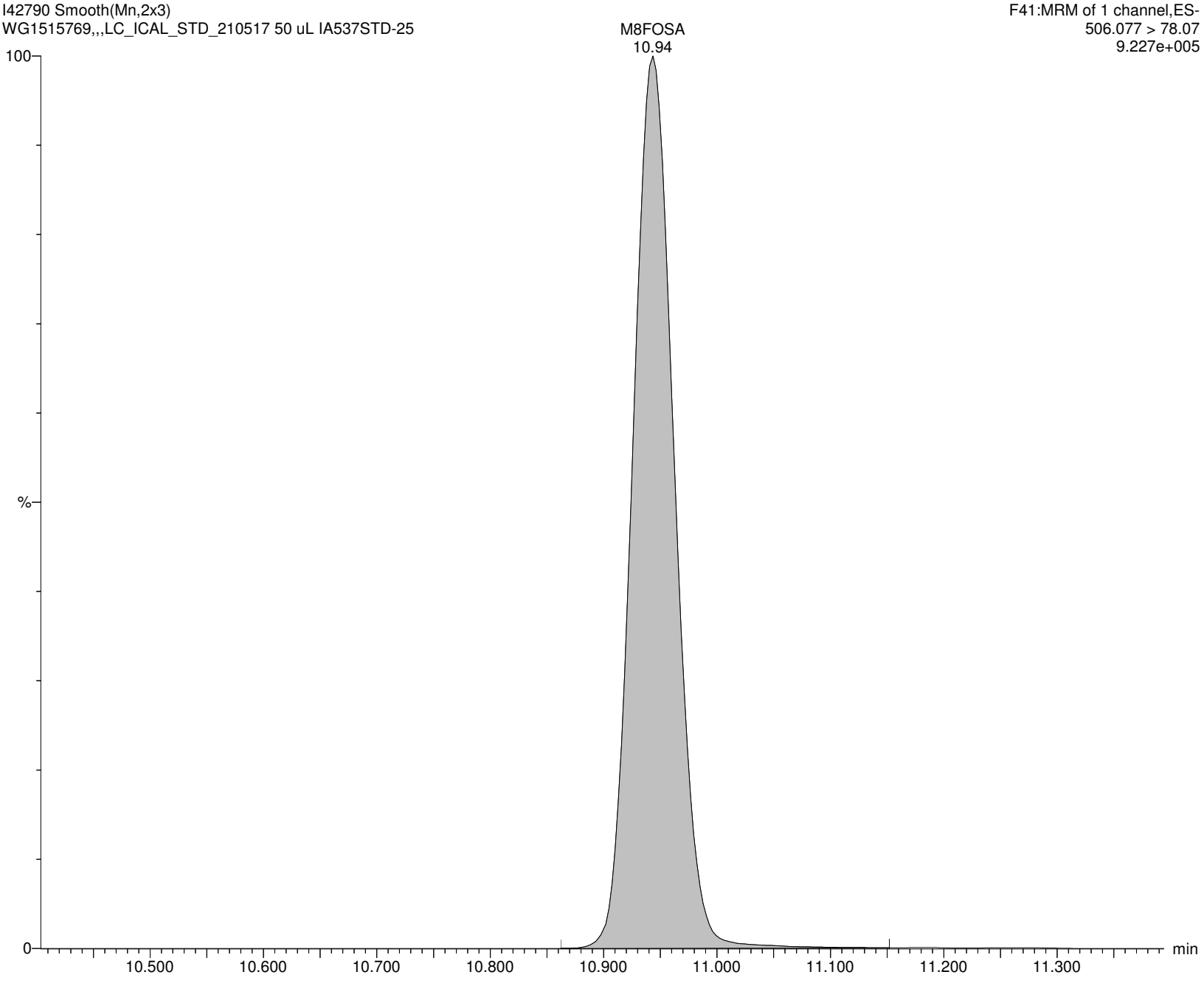


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8FOSA

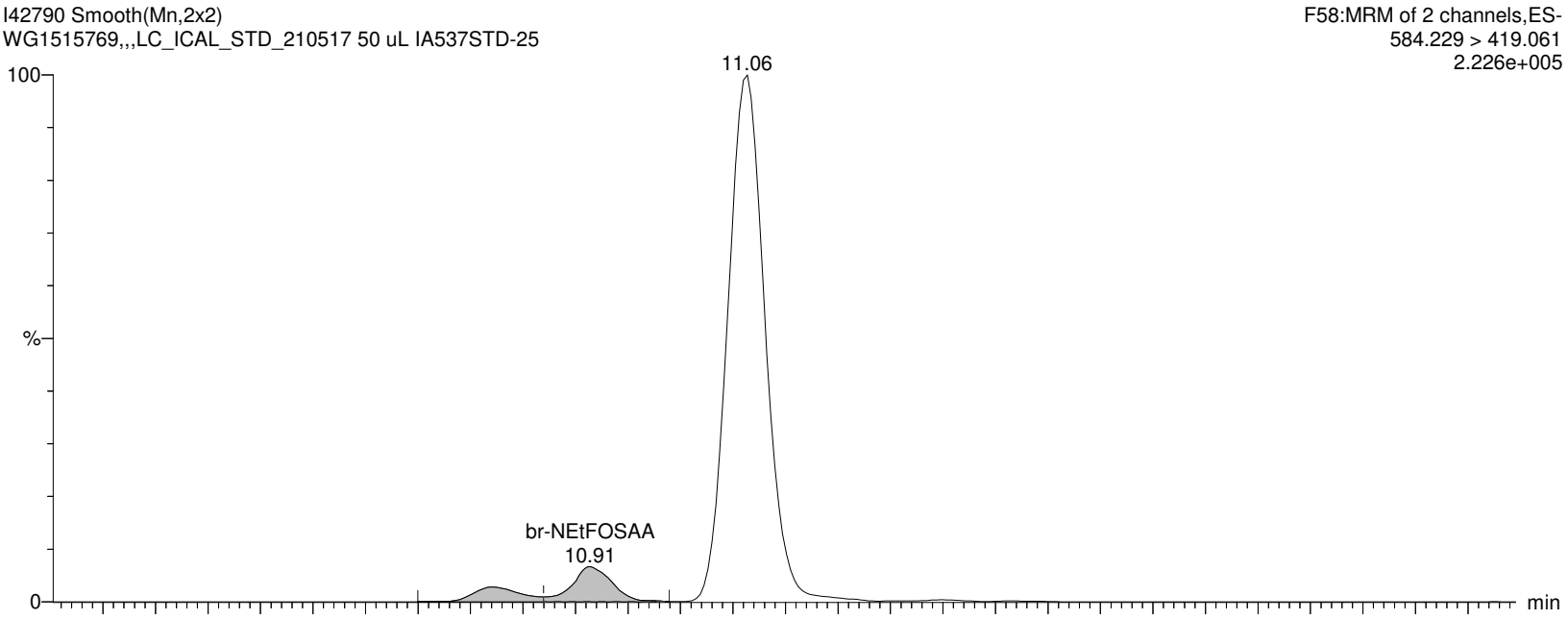


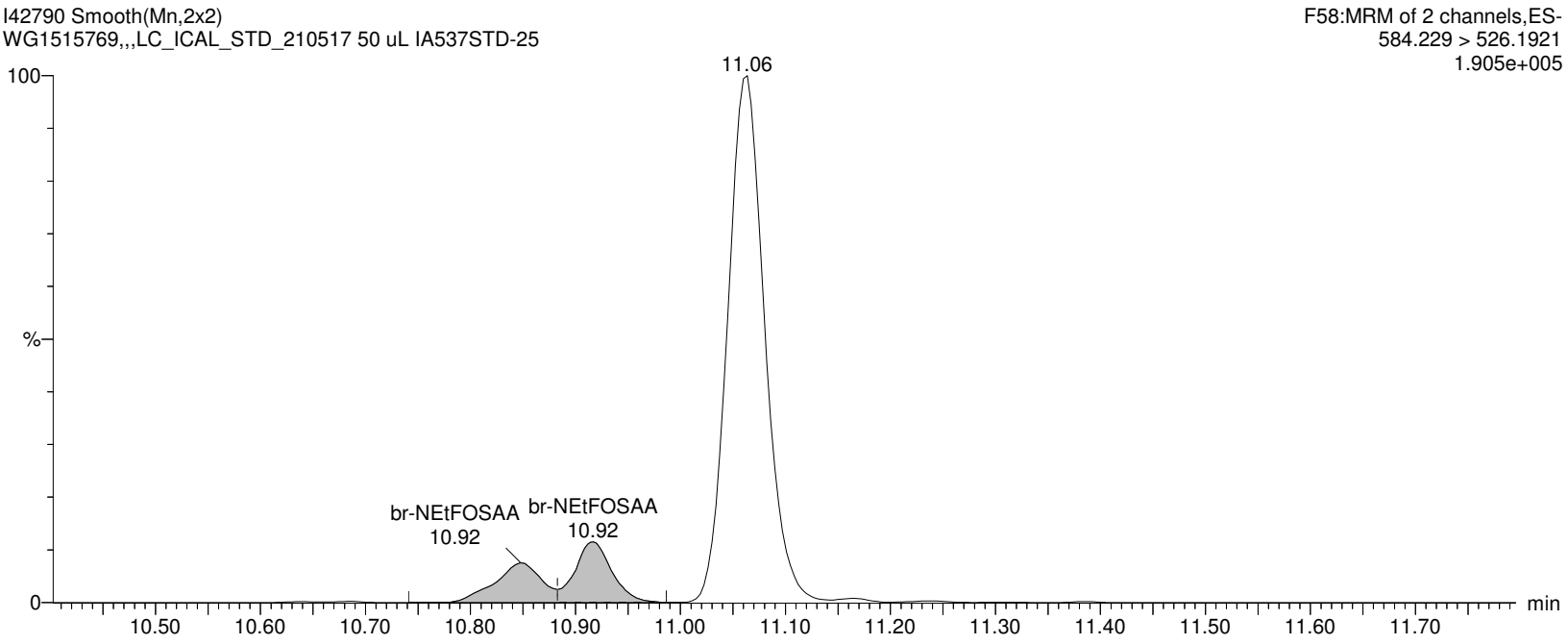
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NEtFOSAA



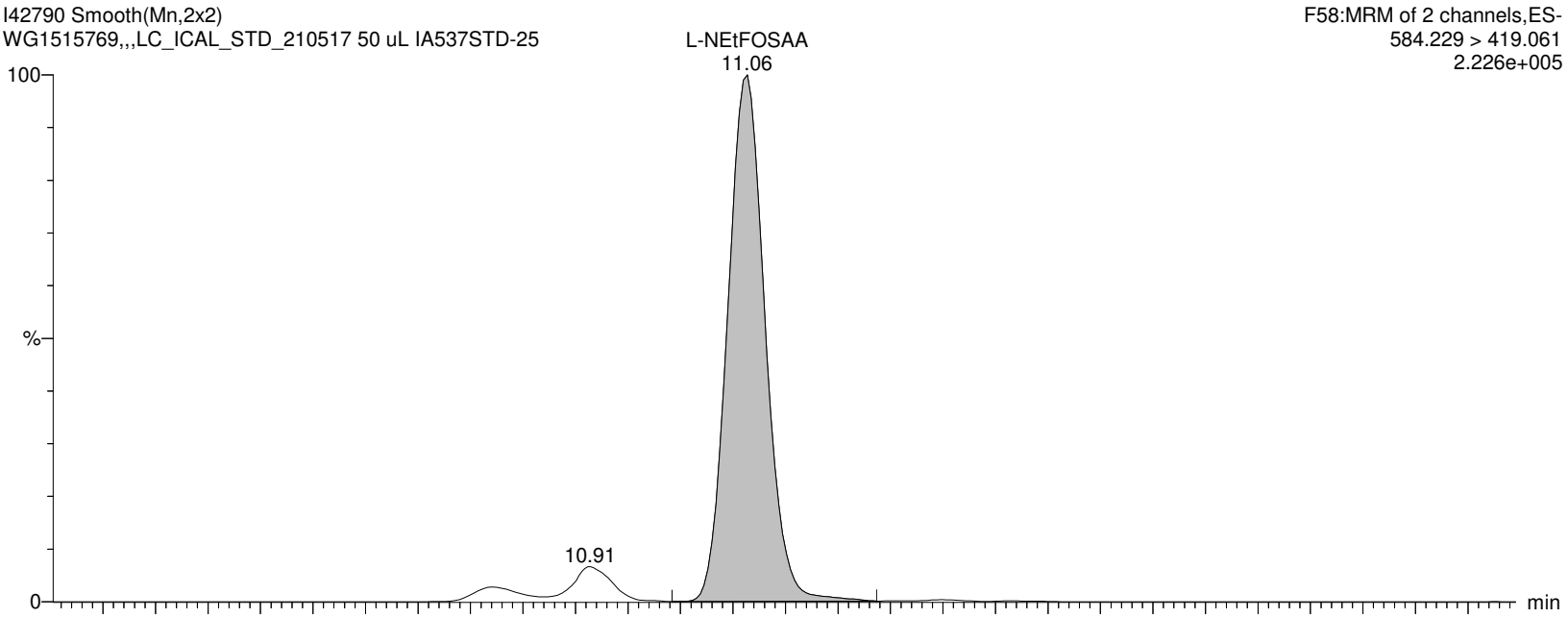


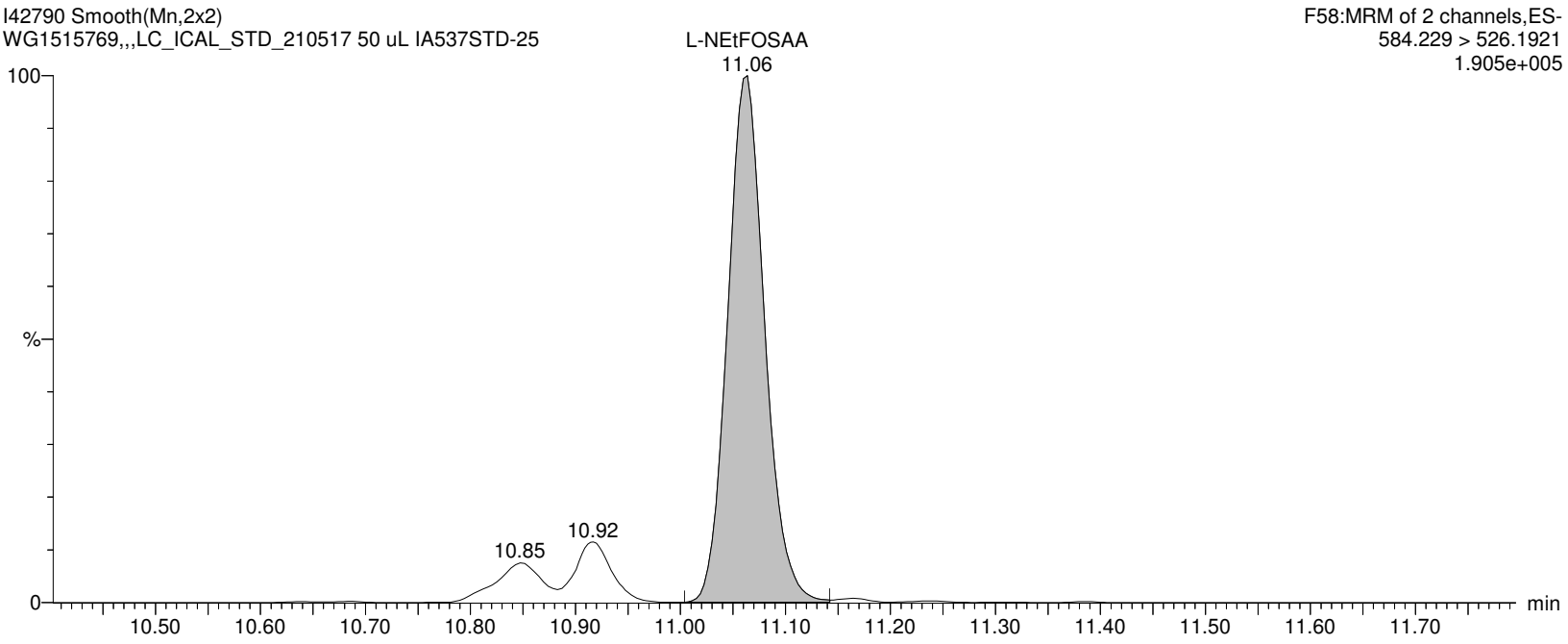
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NEtFOSAA

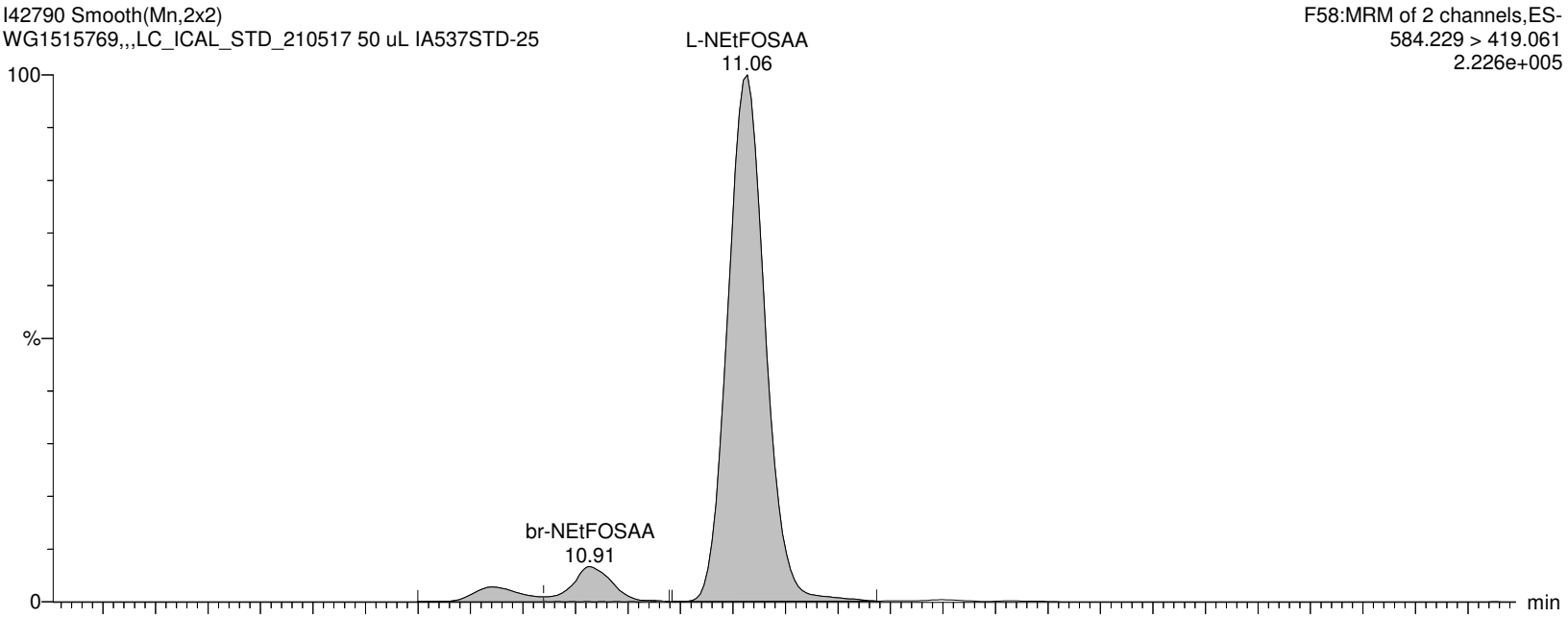


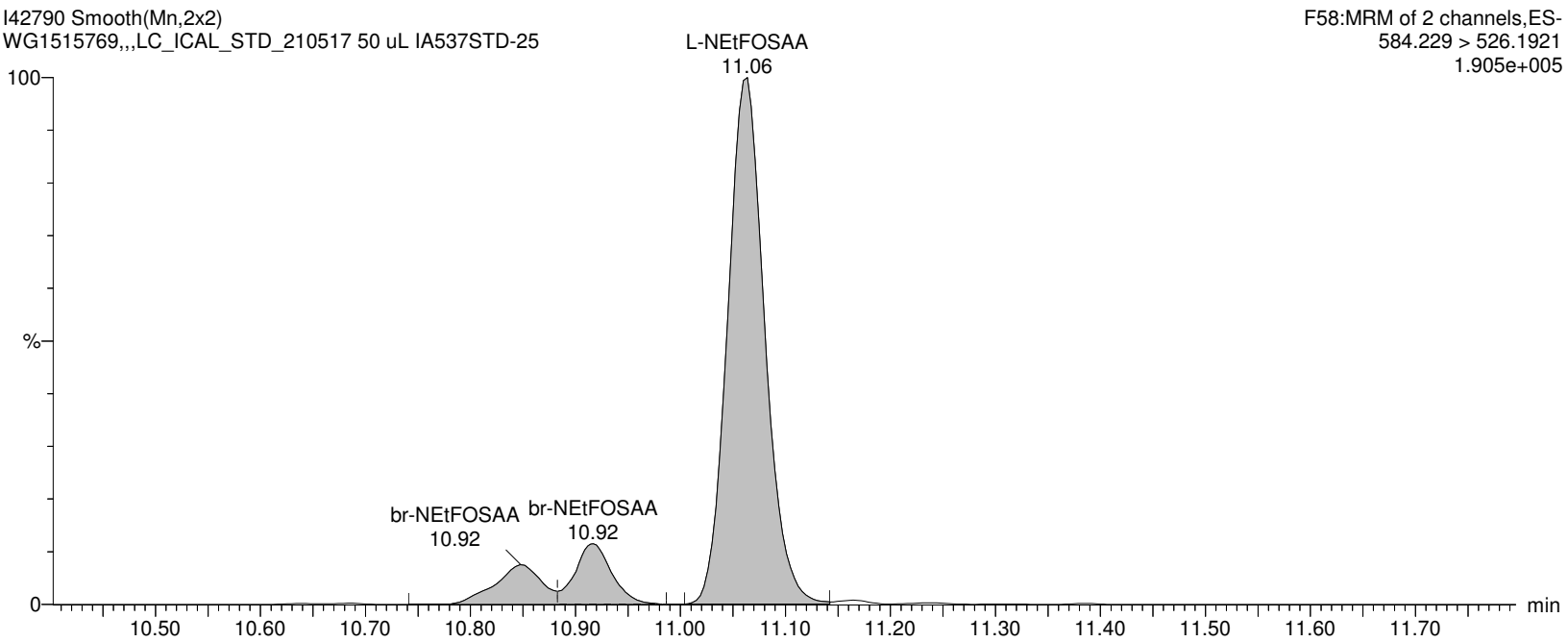


all concentration units in (ng/mL)

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSAA

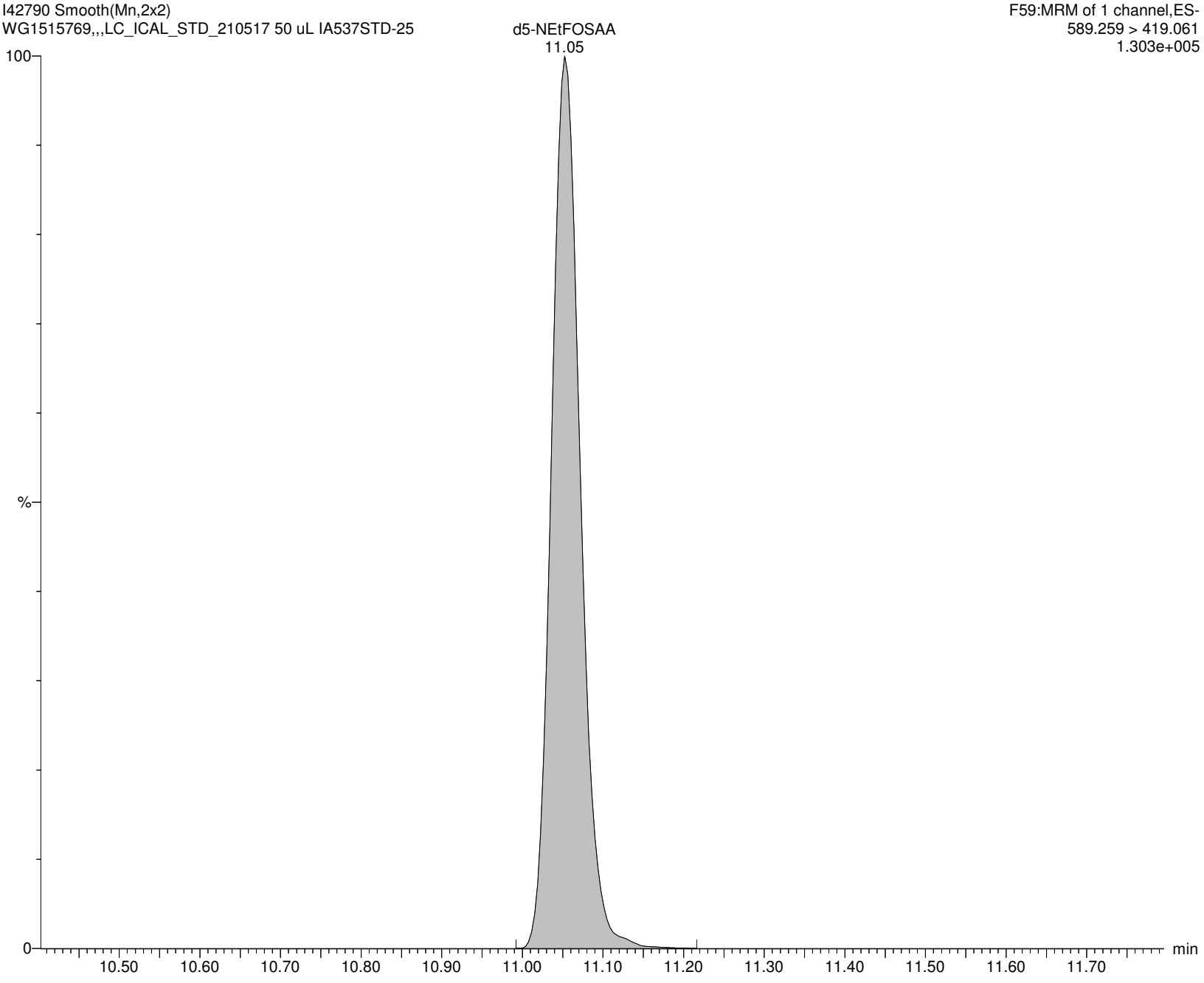




Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSAA

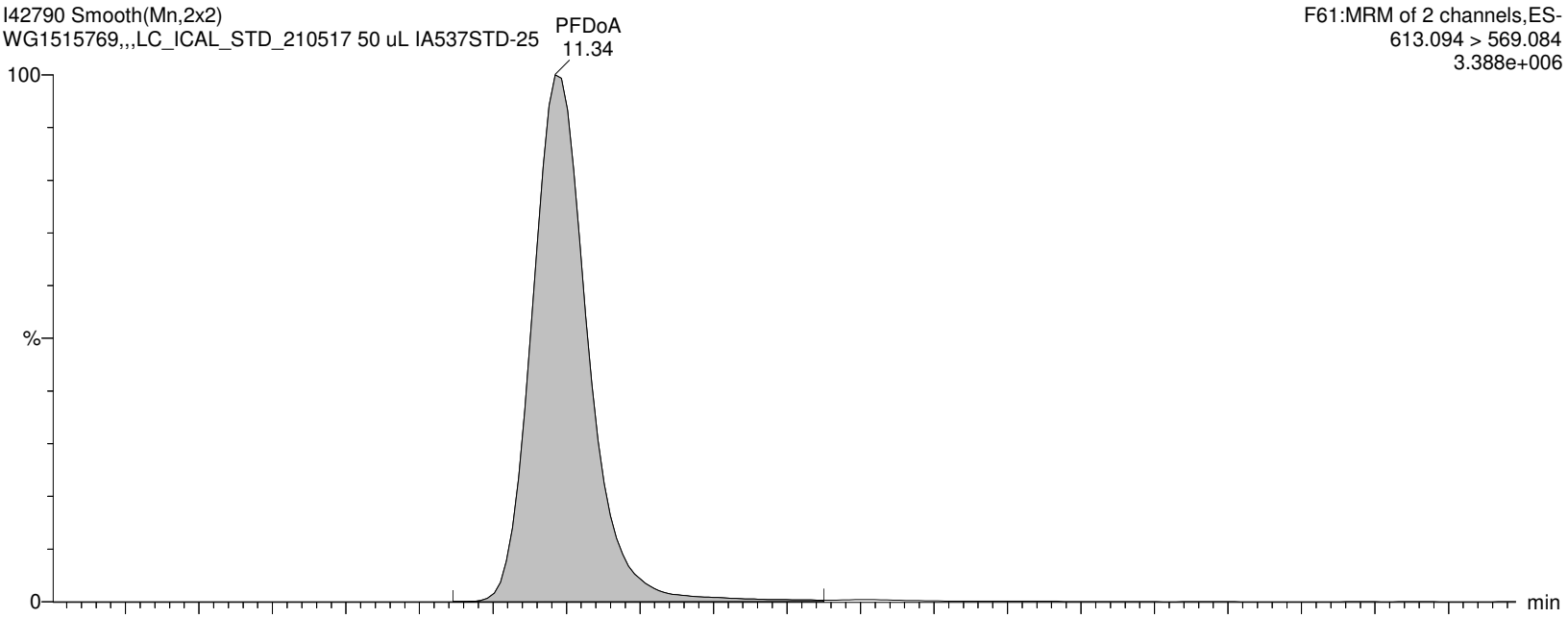


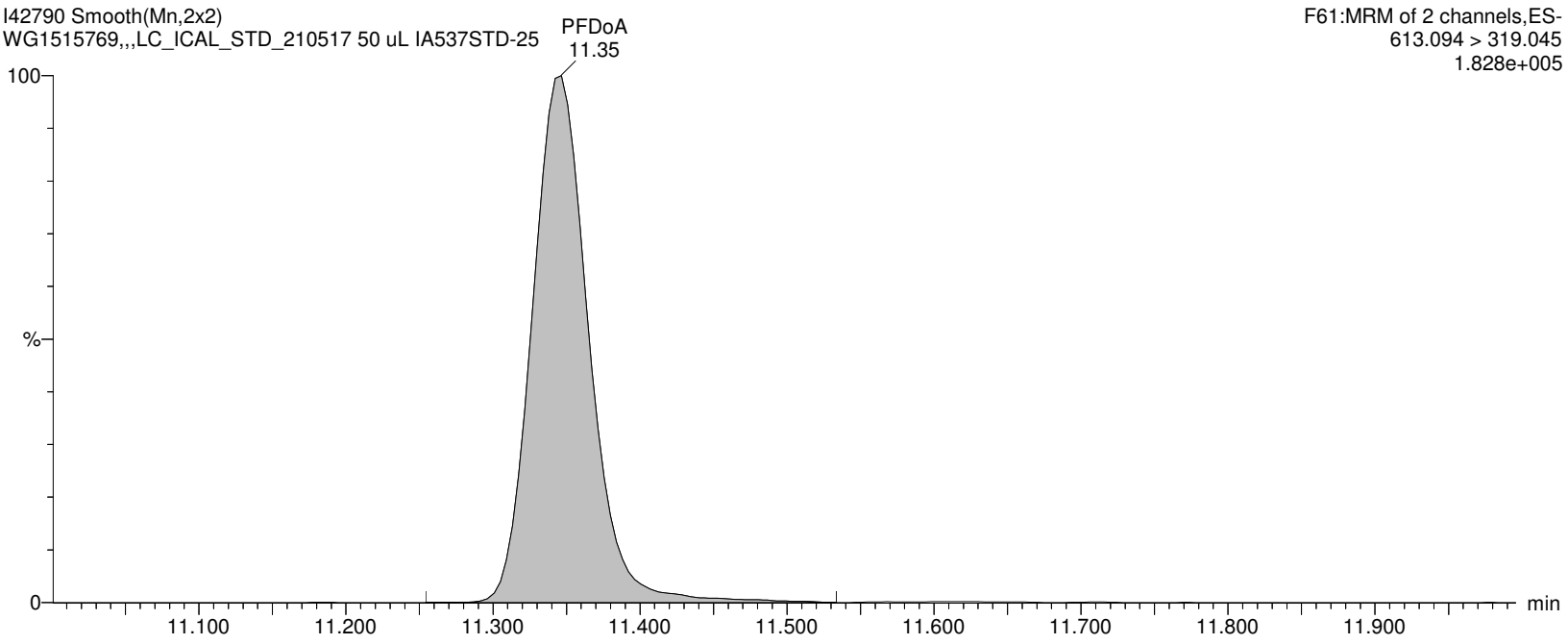
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoA



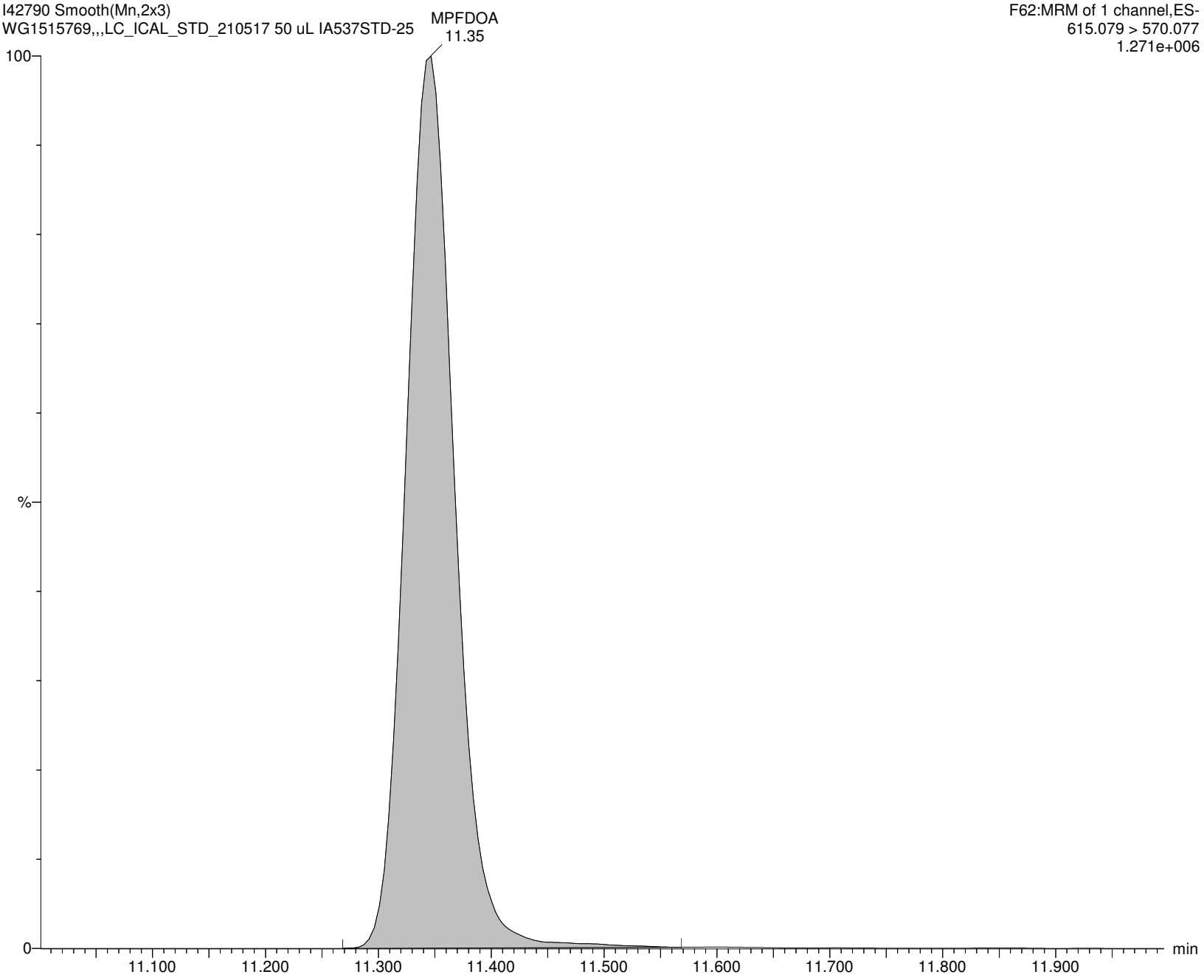


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFDOA

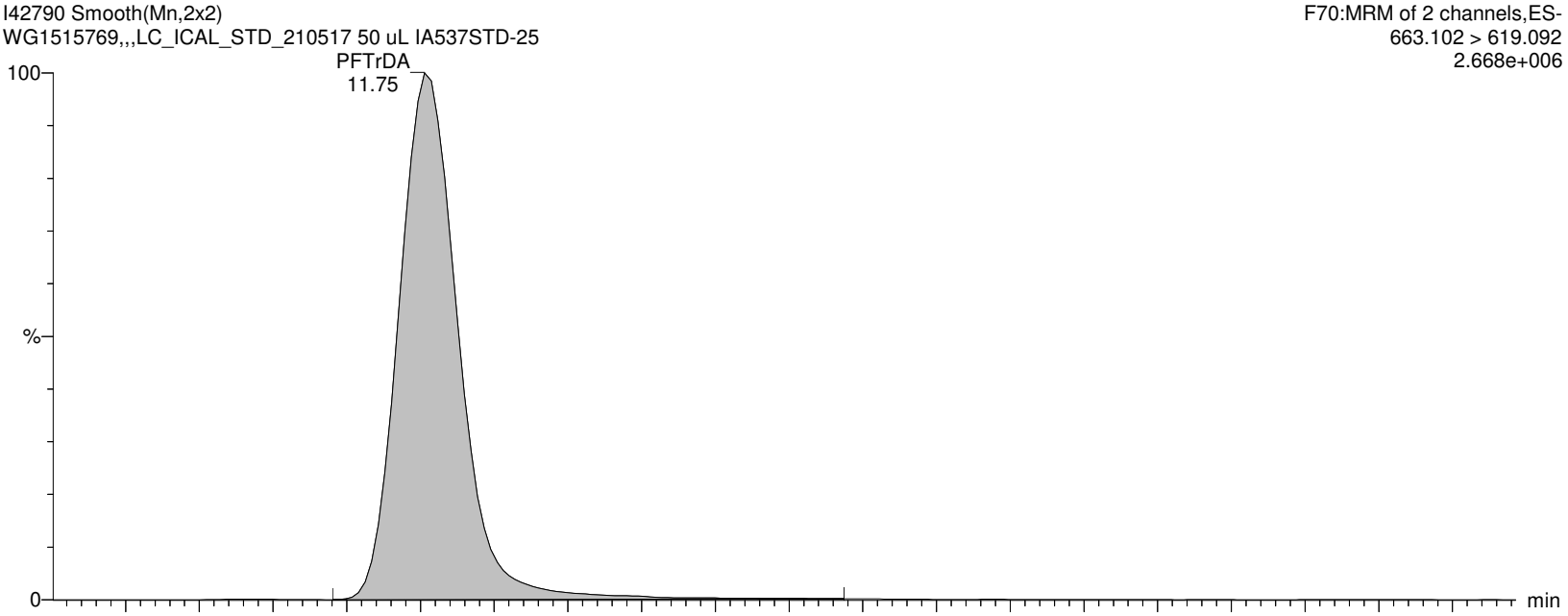


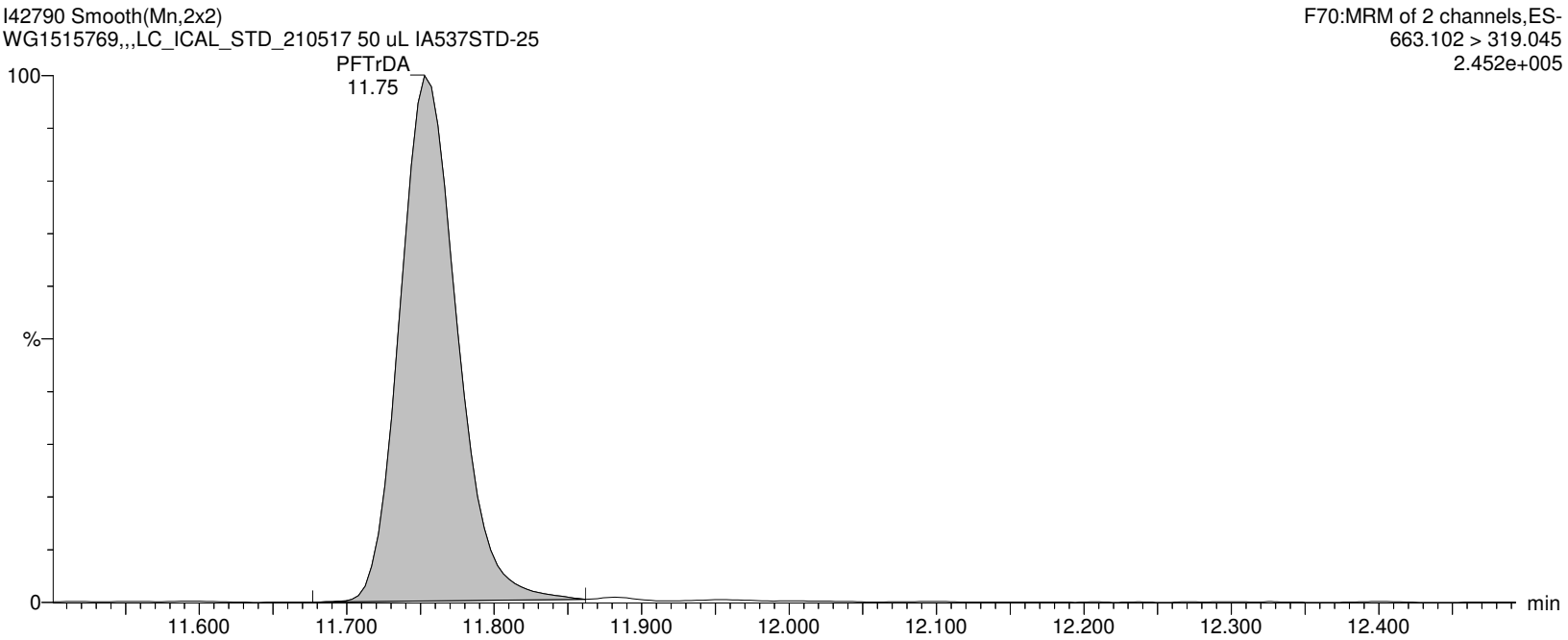
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTrDA



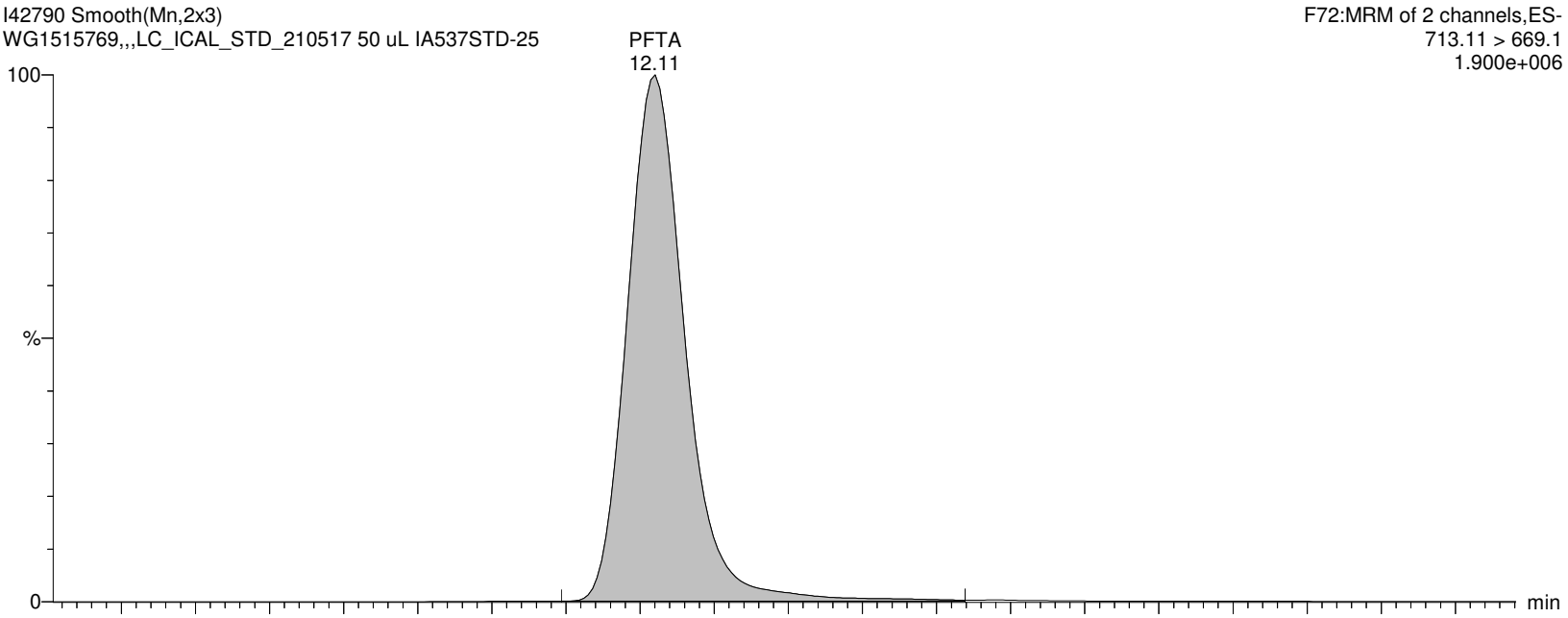


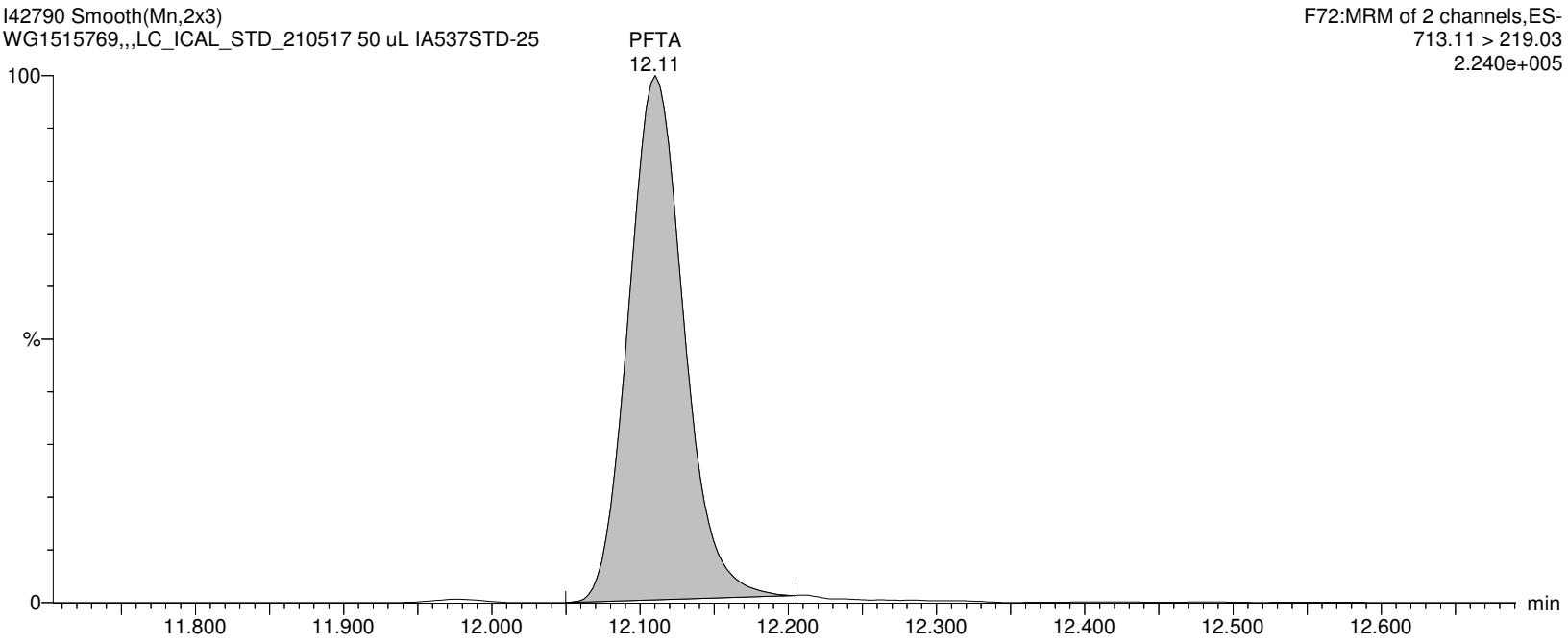
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTA



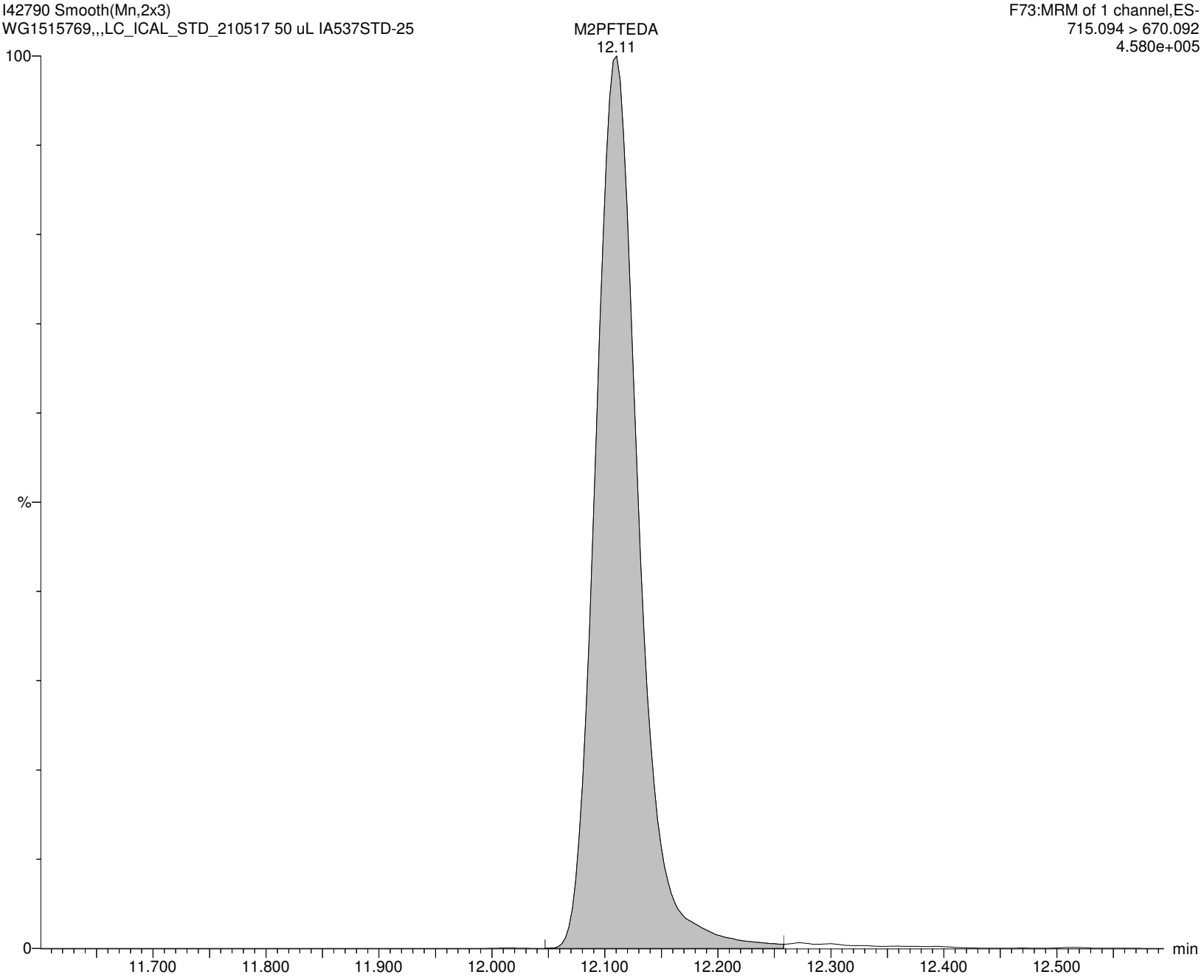


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFTEDA

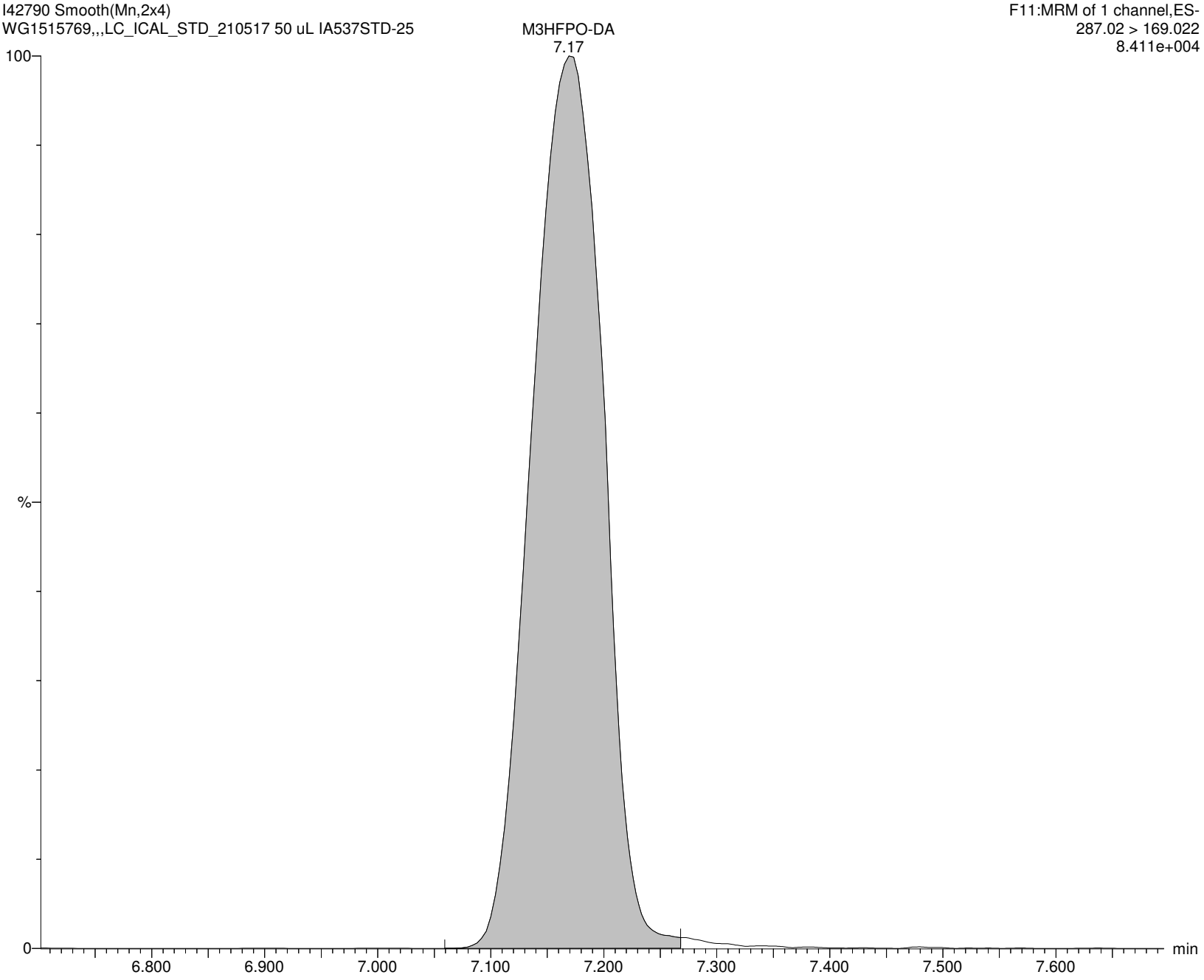


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3HFPO-DA

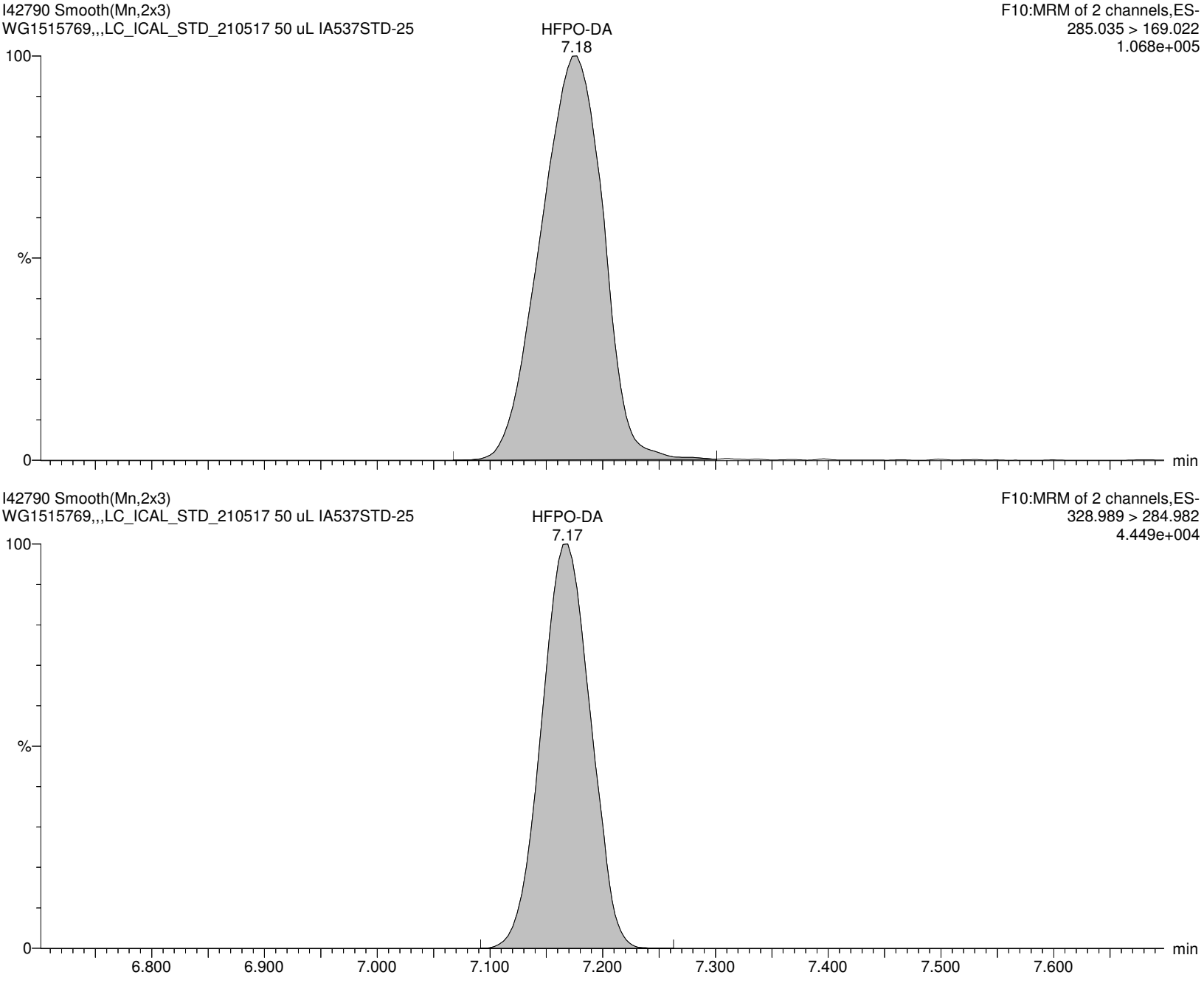


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

HFPO-DA

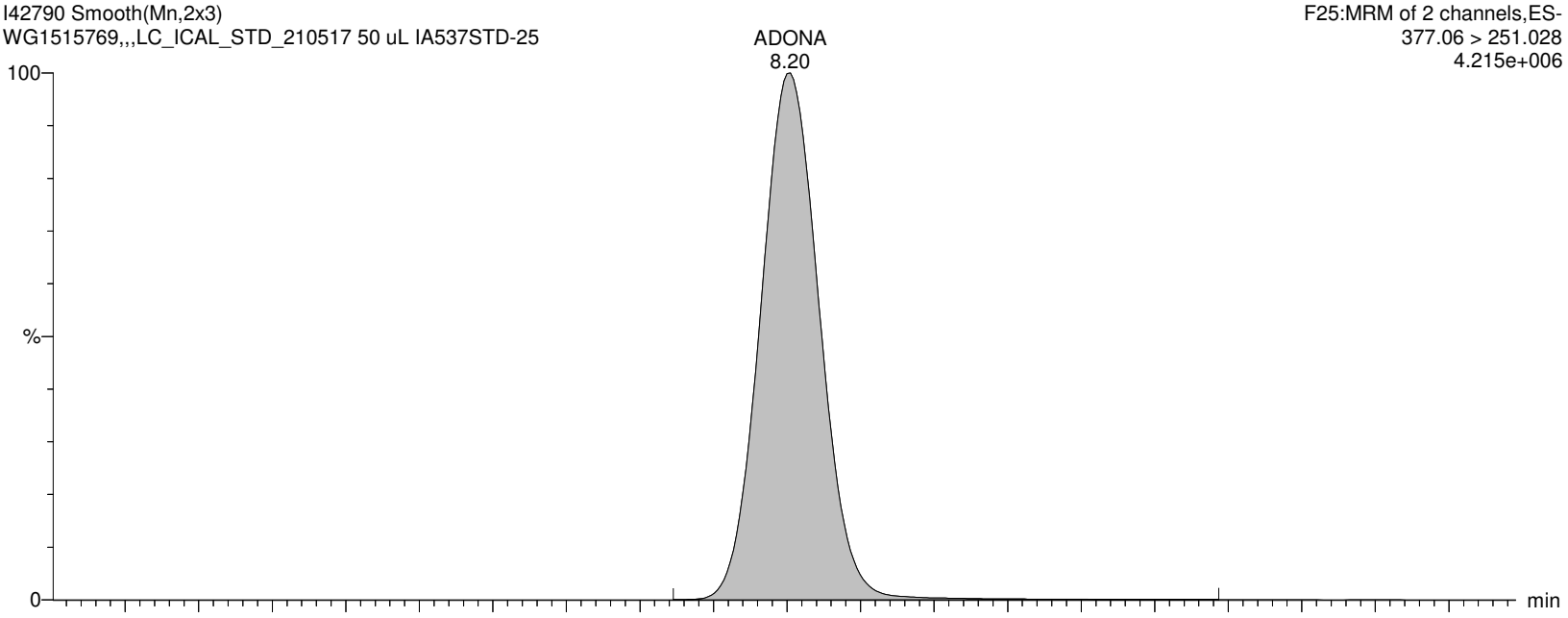


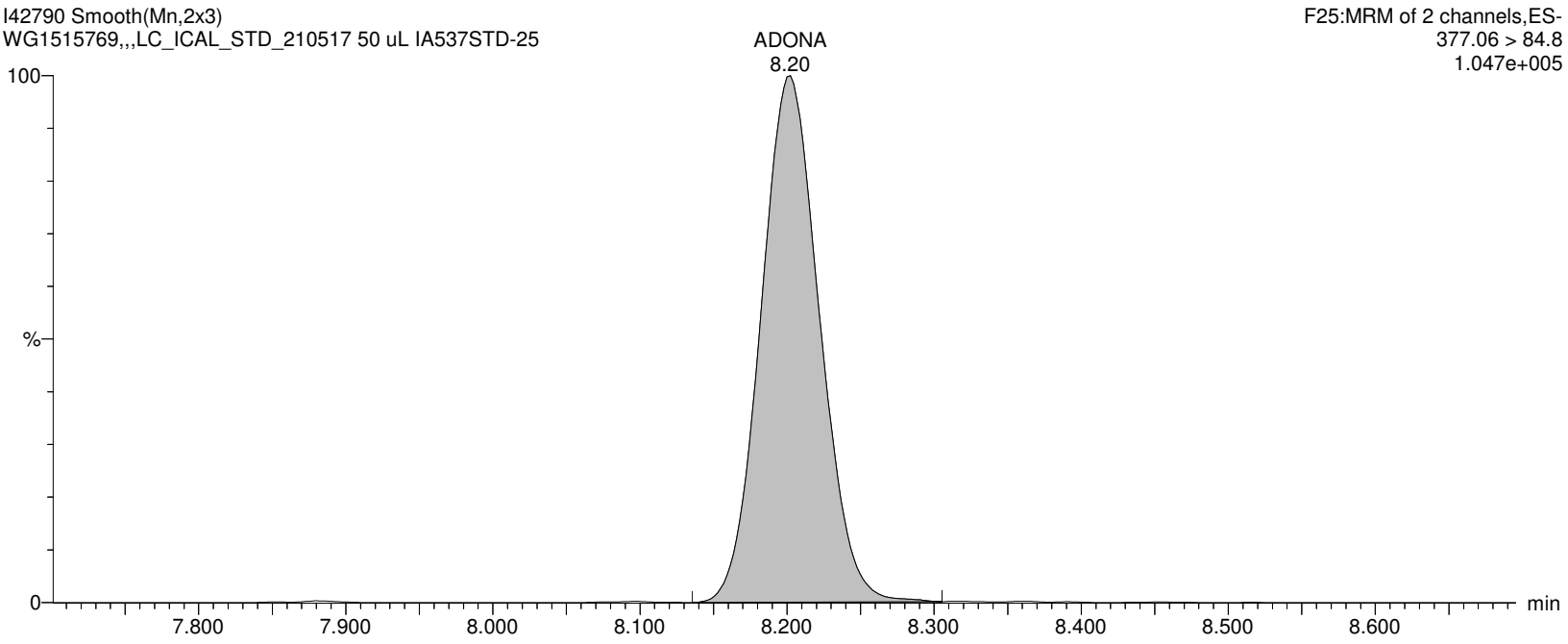
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

ADONA



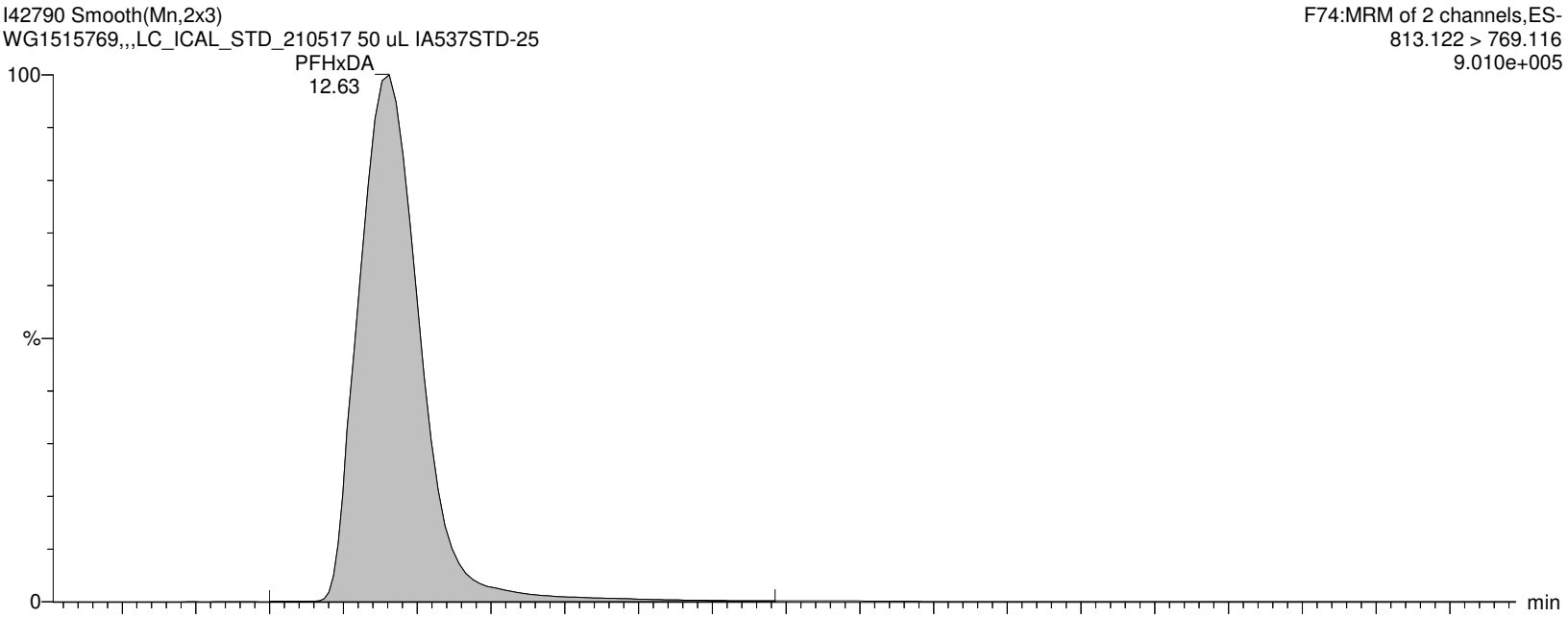


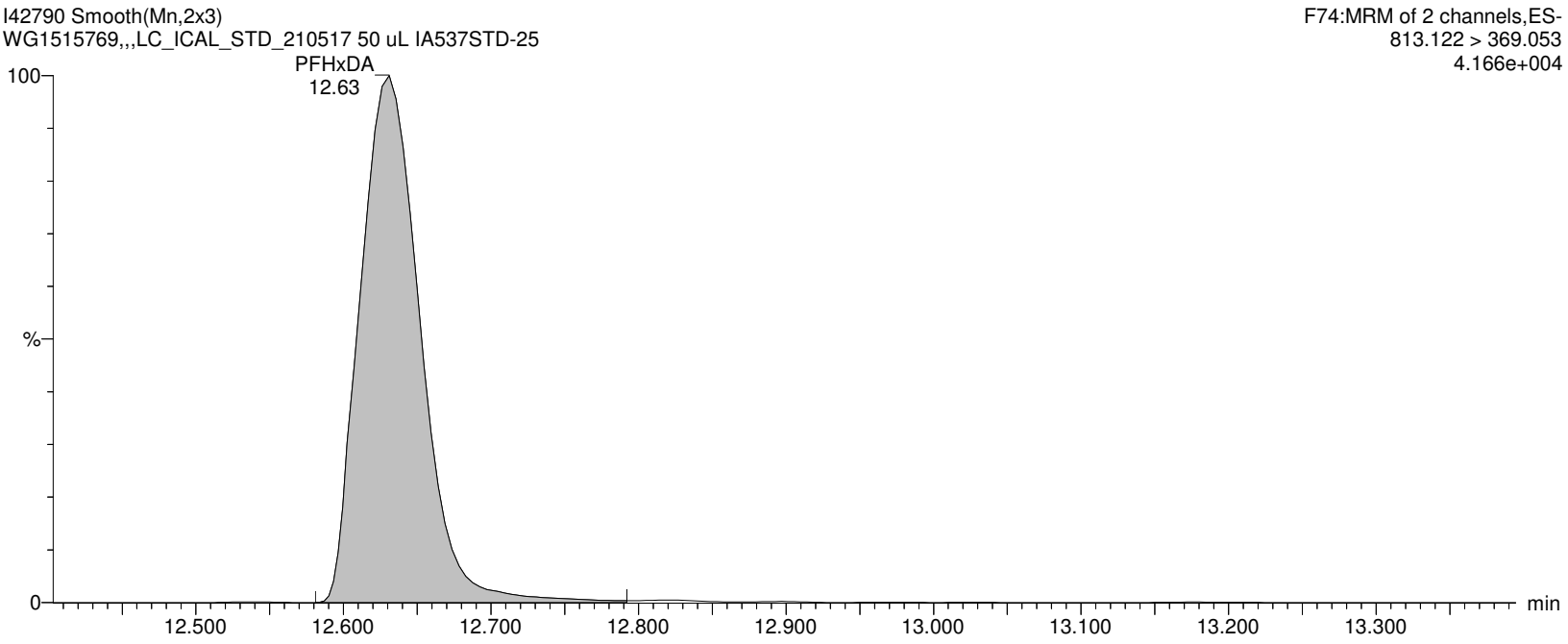
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxDA



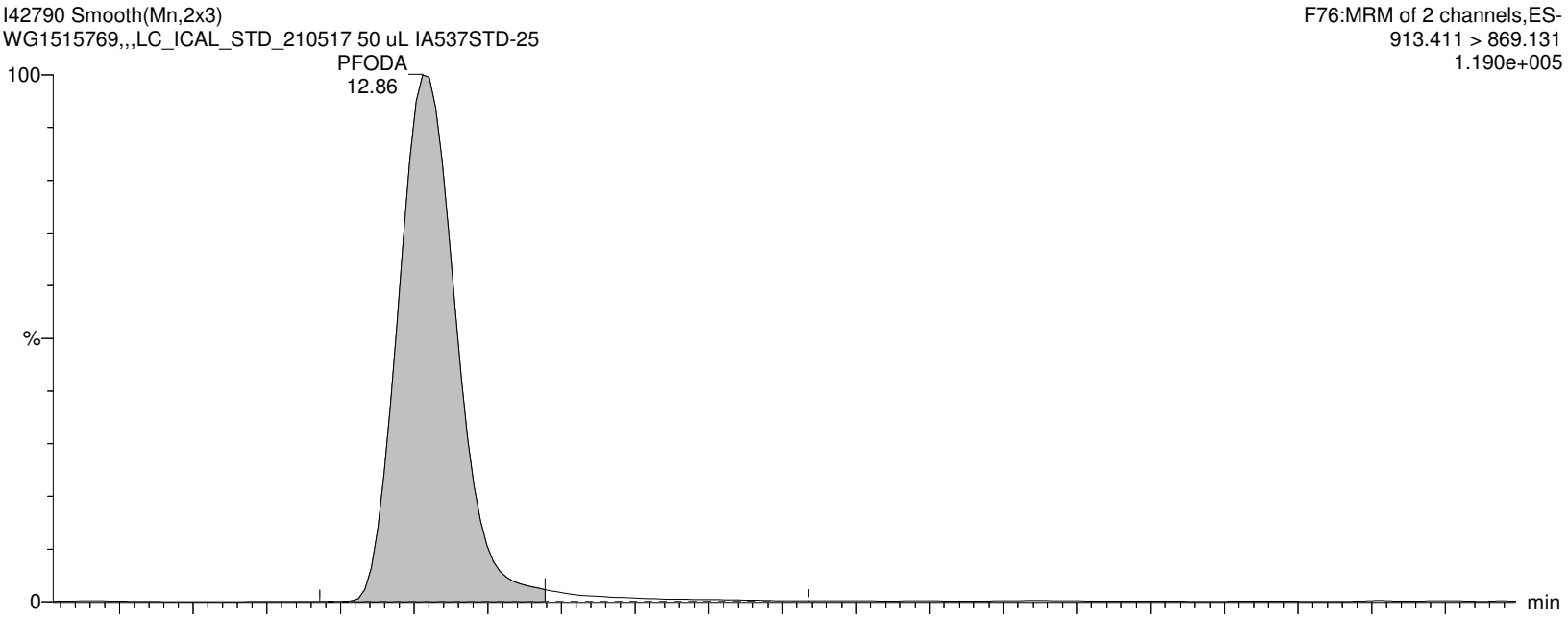


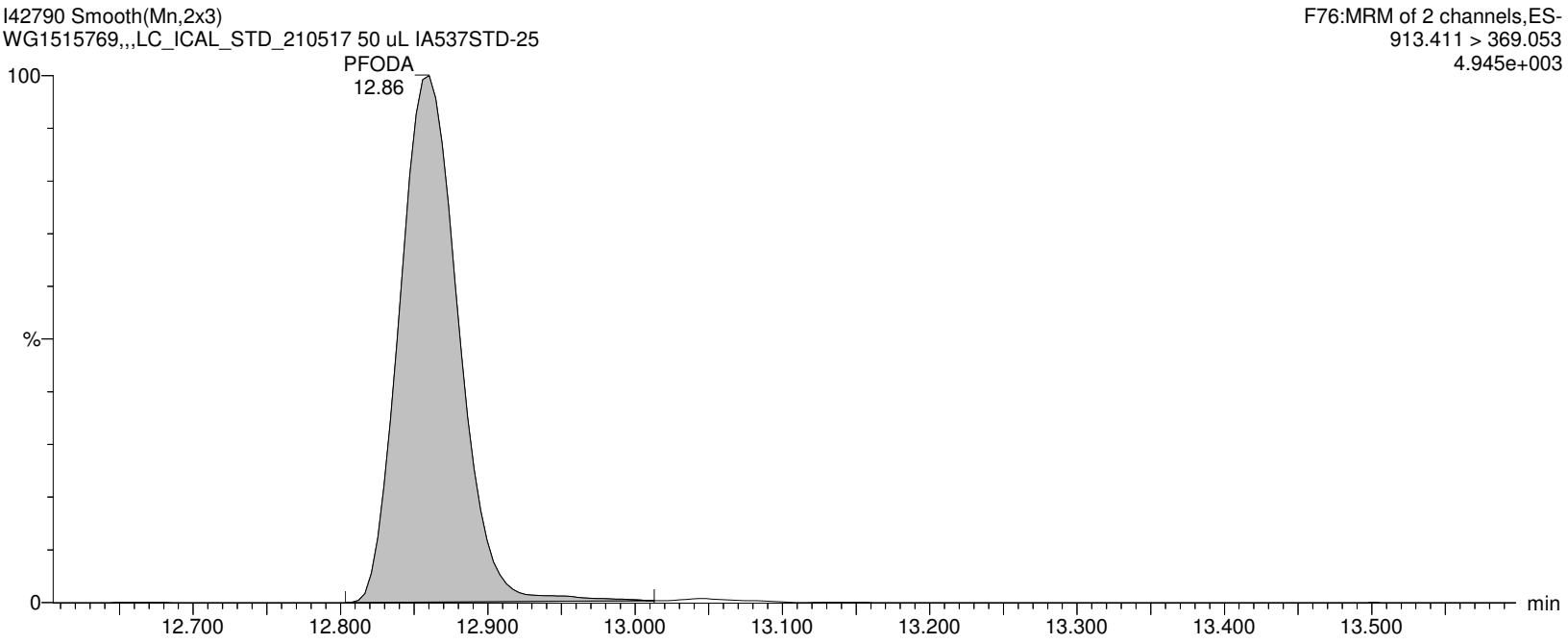
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFODA



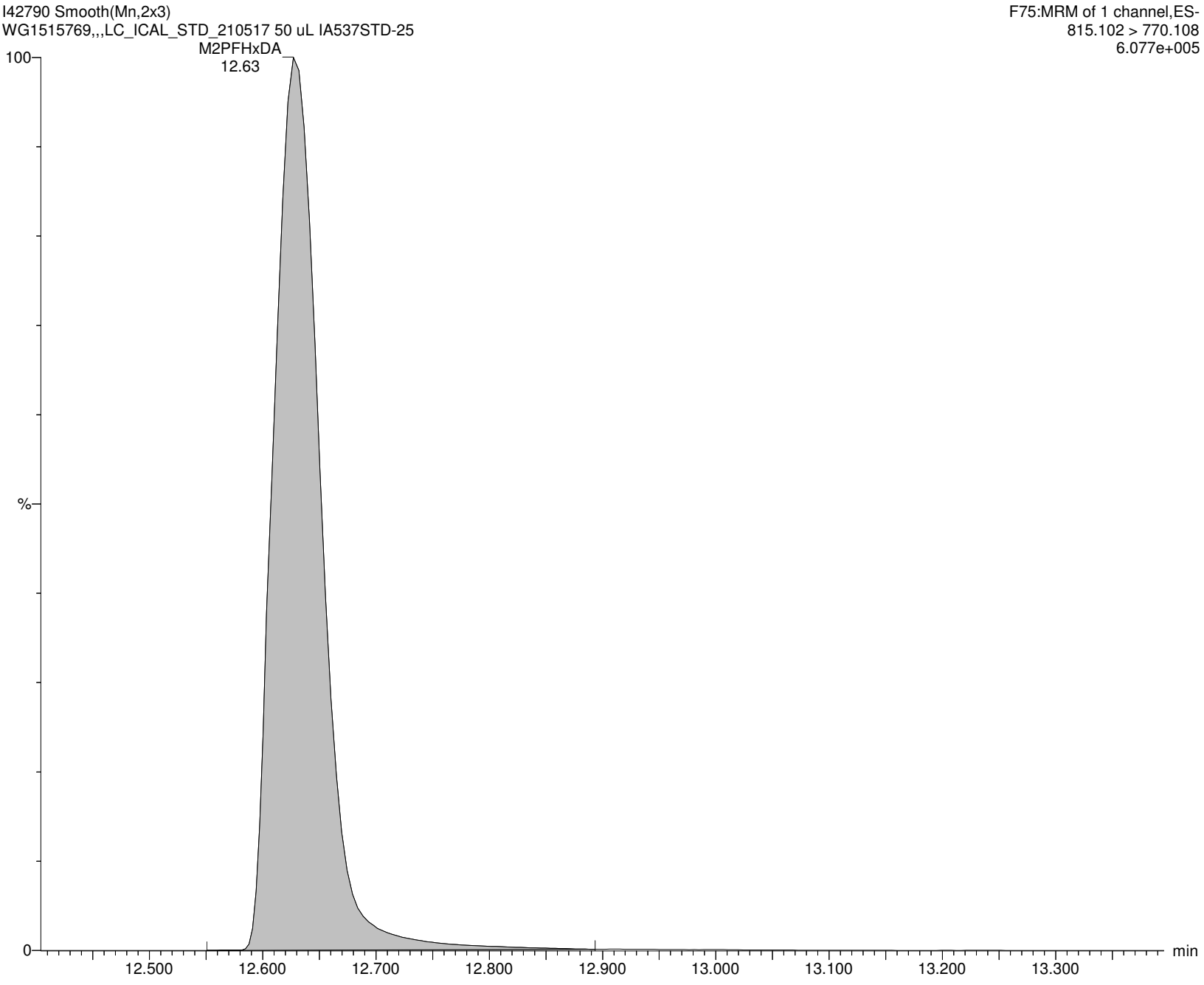


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFHxDA

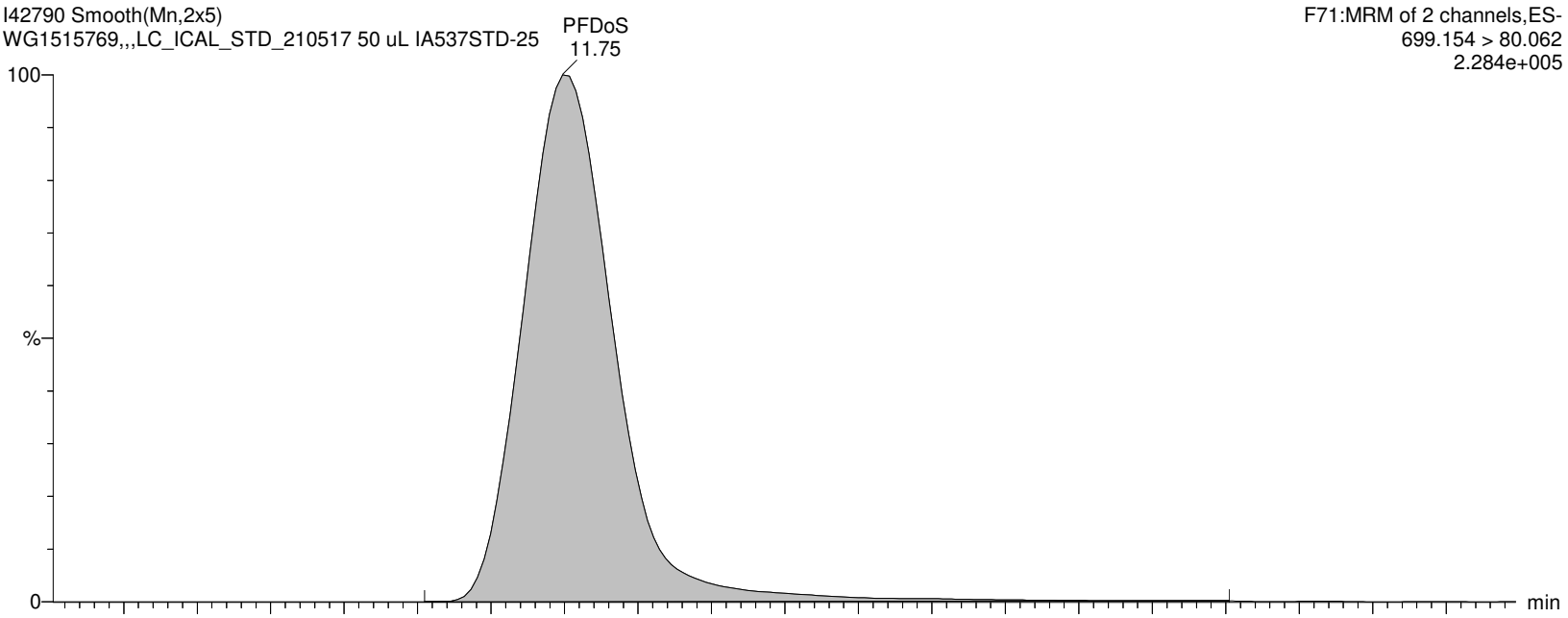


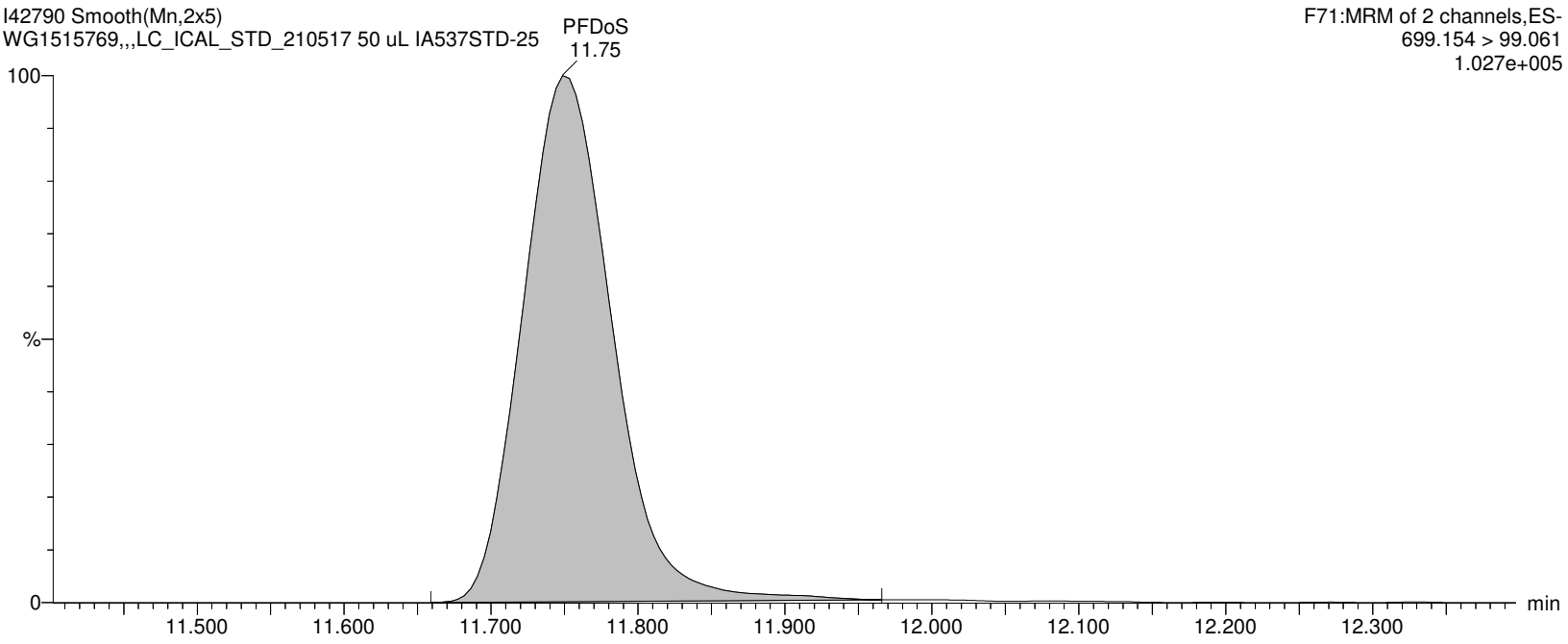
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoS



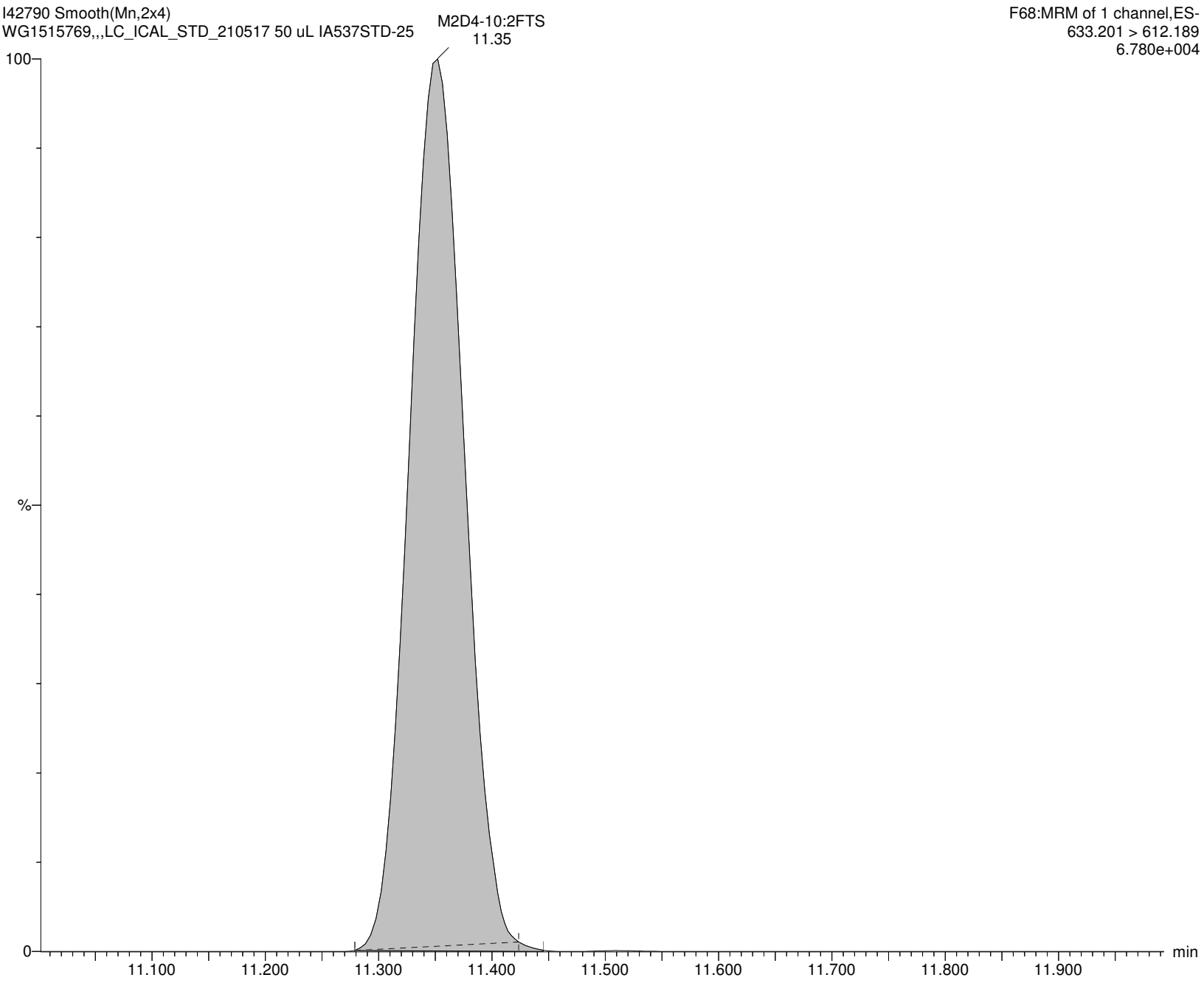


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2D4-10:2FTS

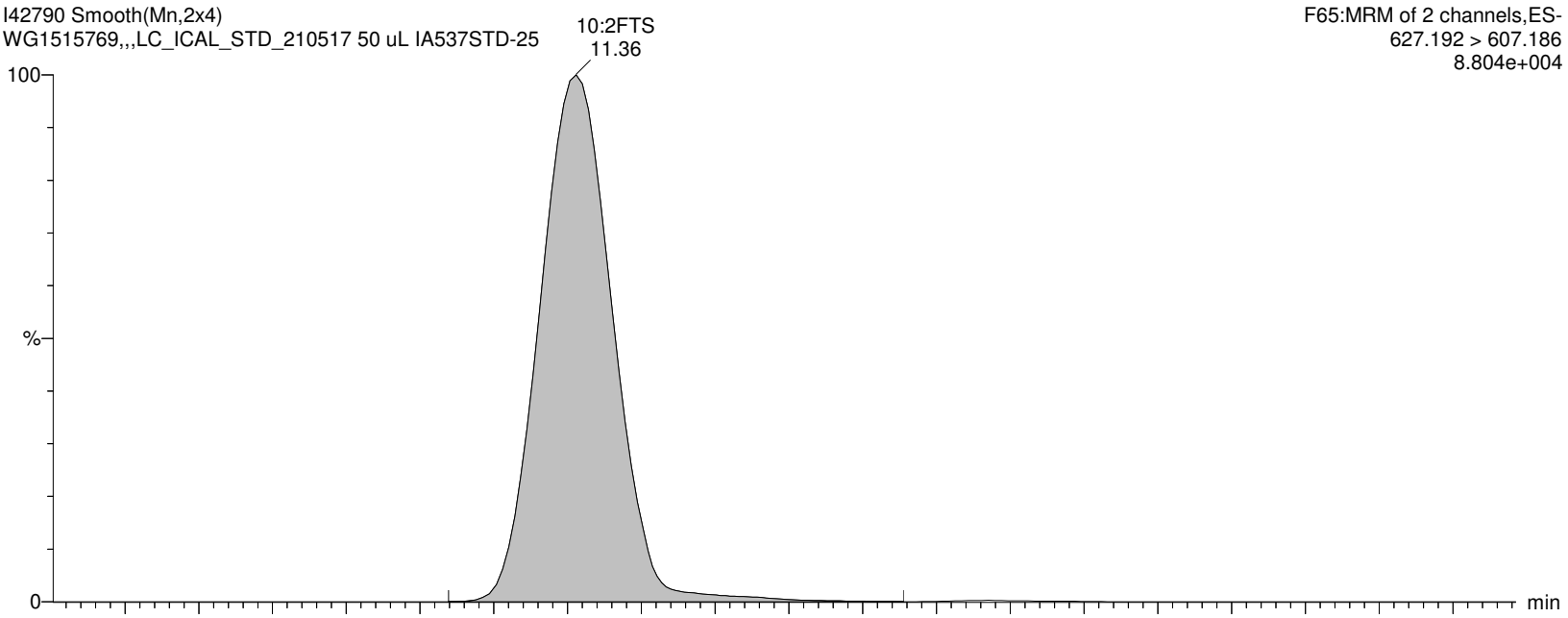


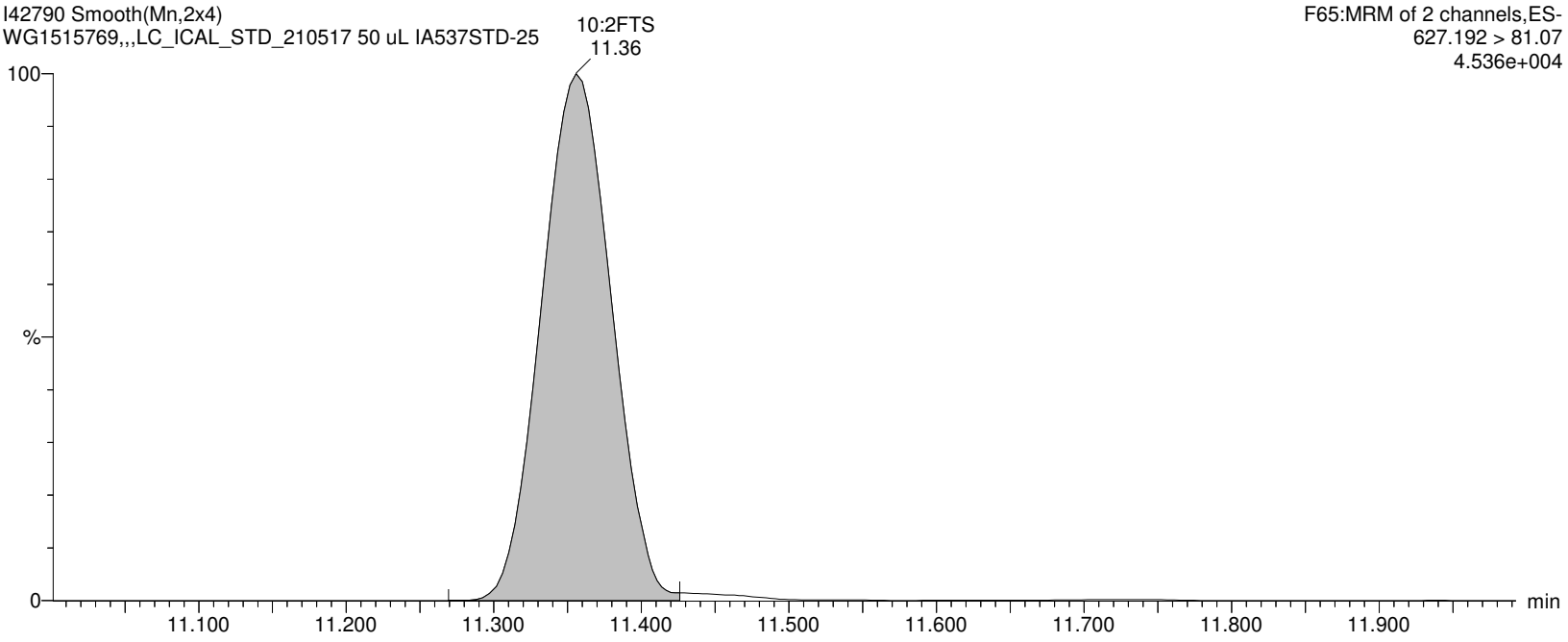
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

10:2FTS



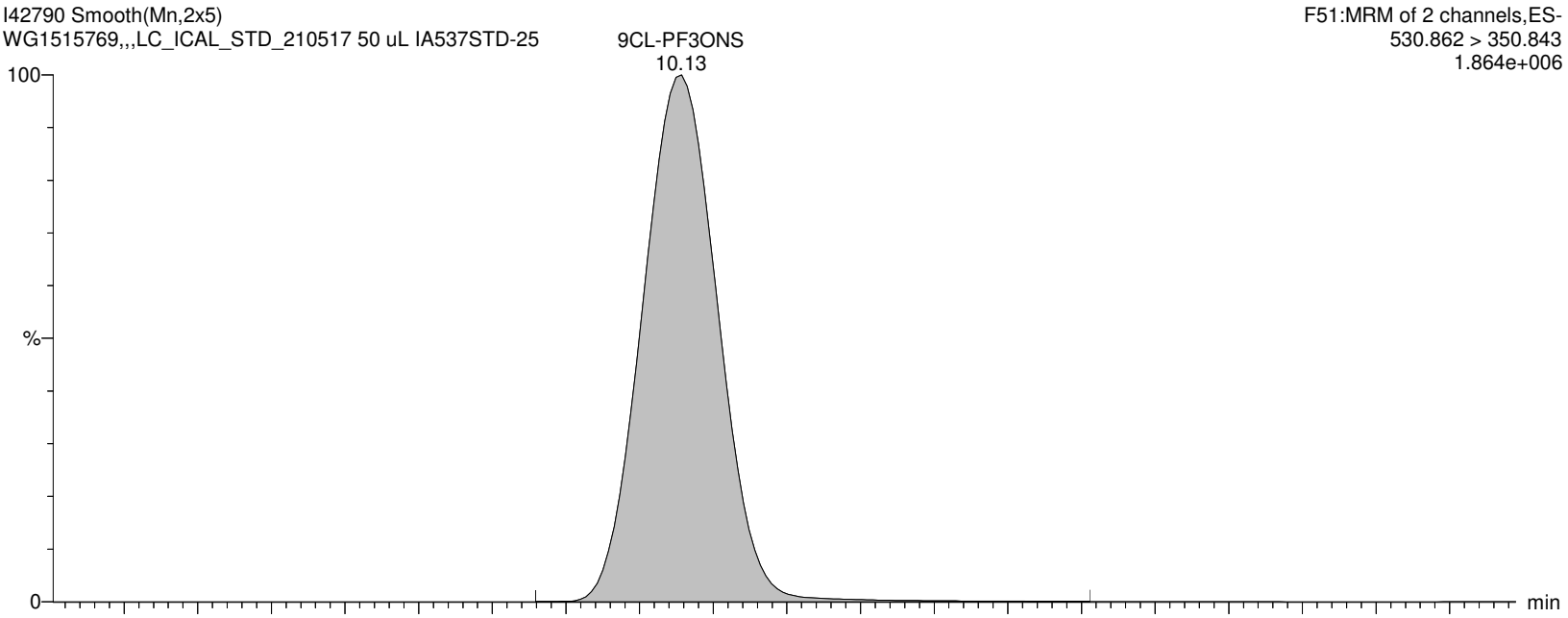


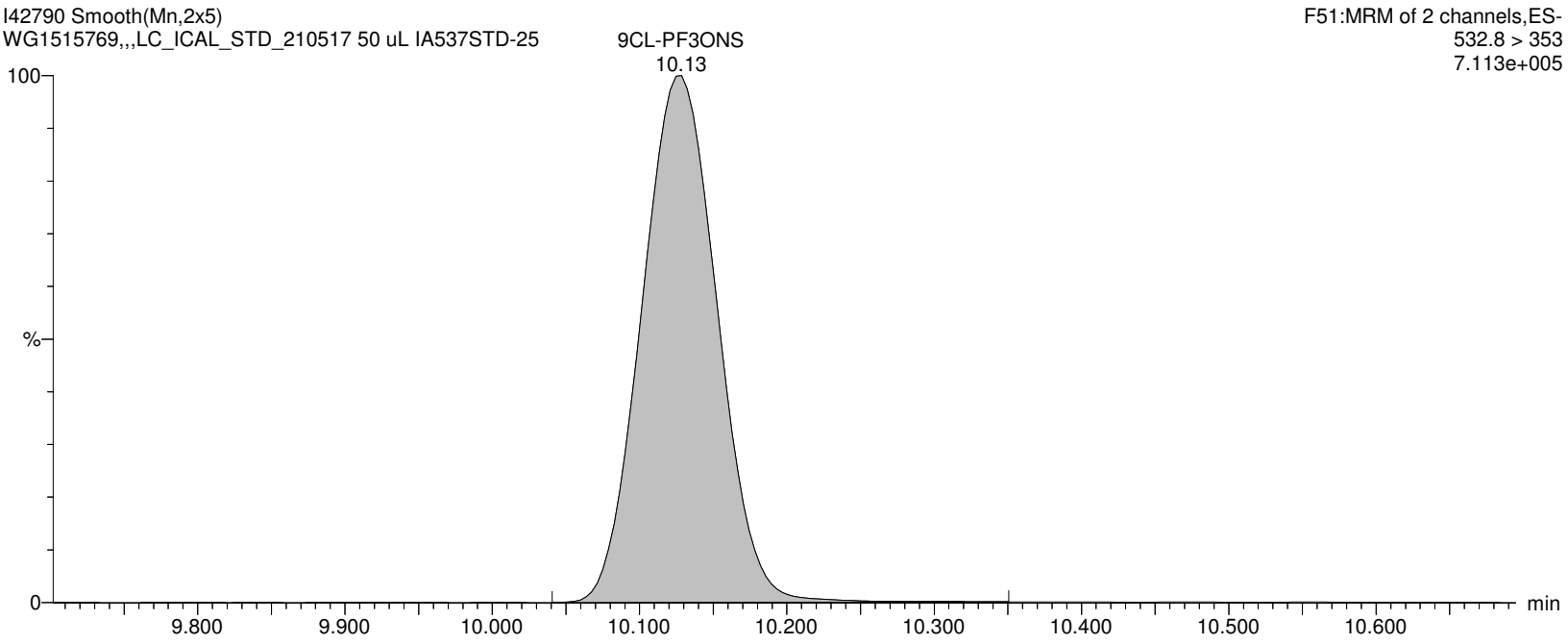
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

9CL-PF3ONS



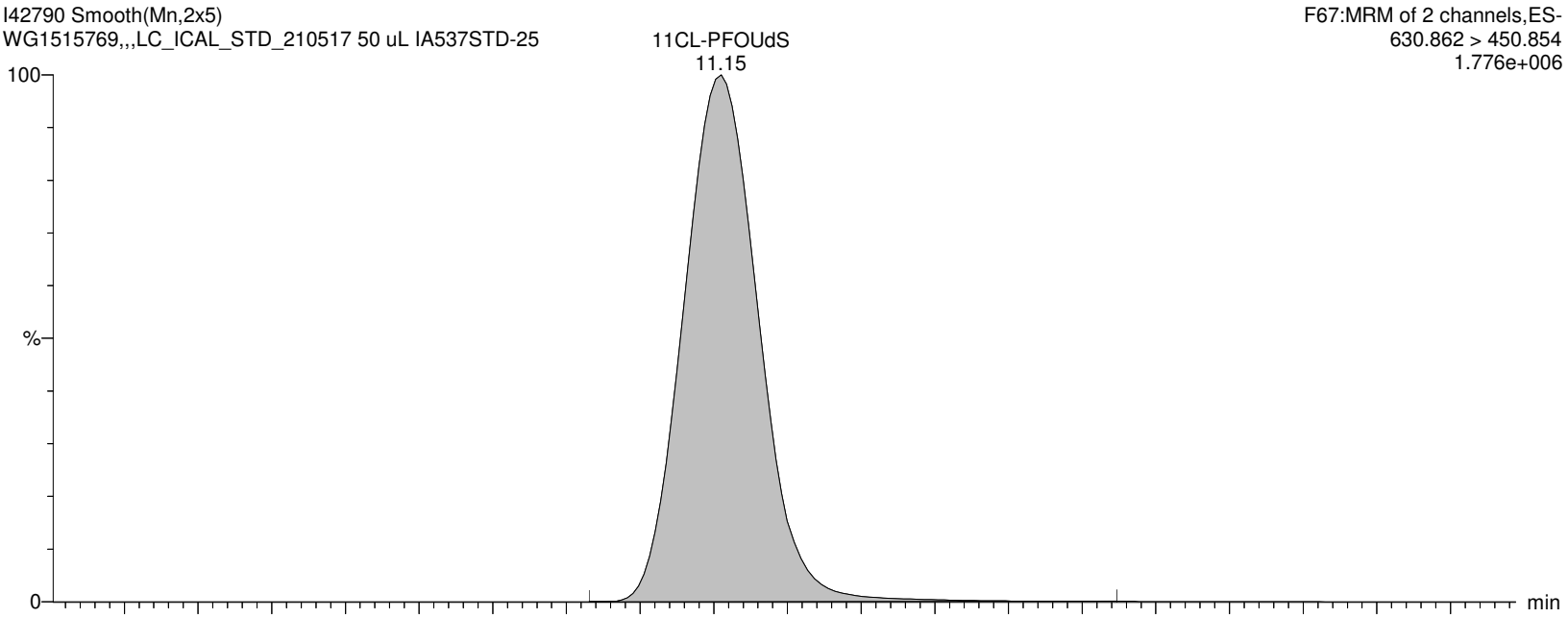


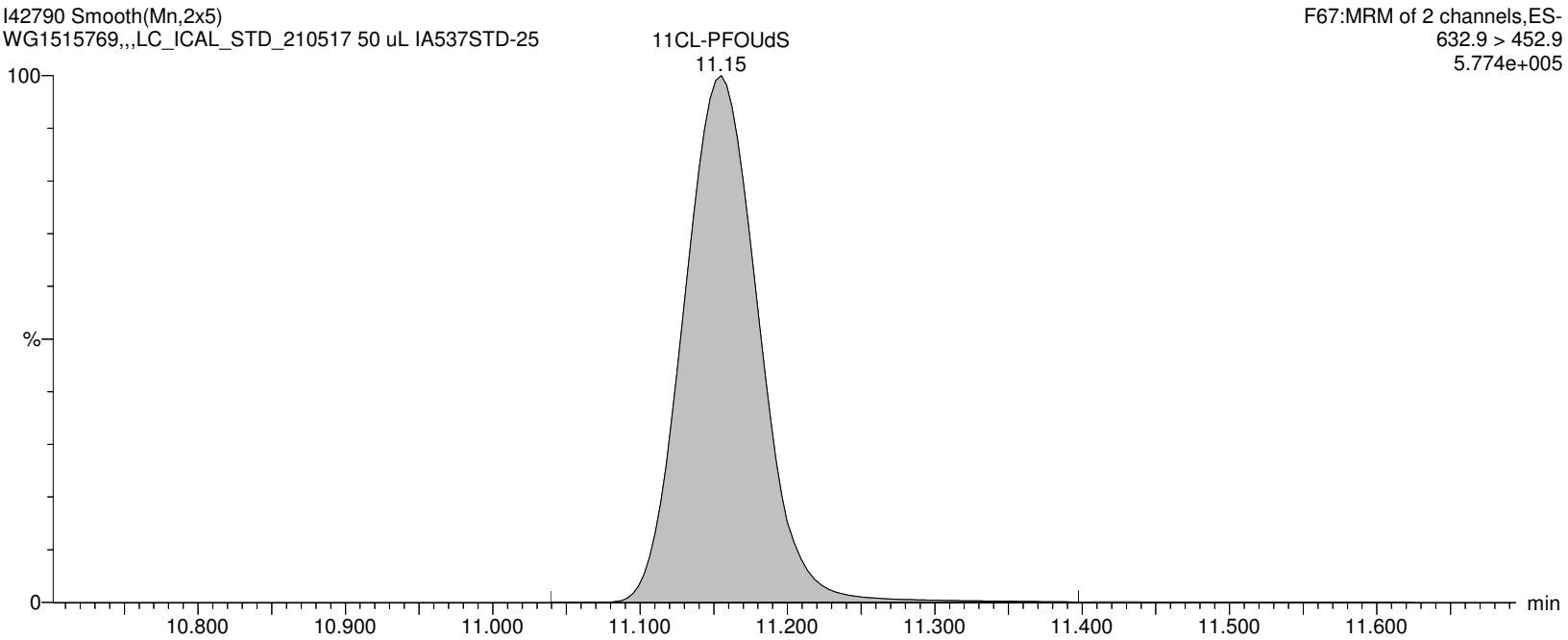
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

11CL-PFOUdS



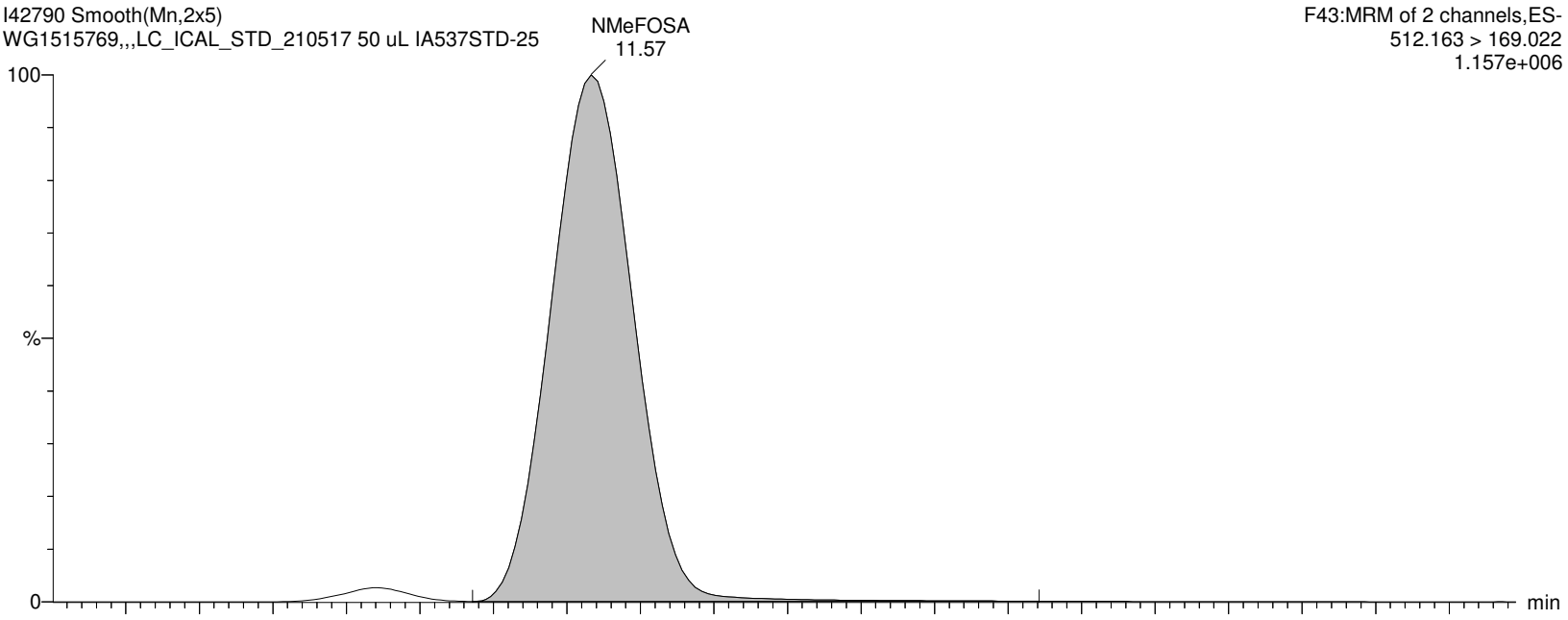


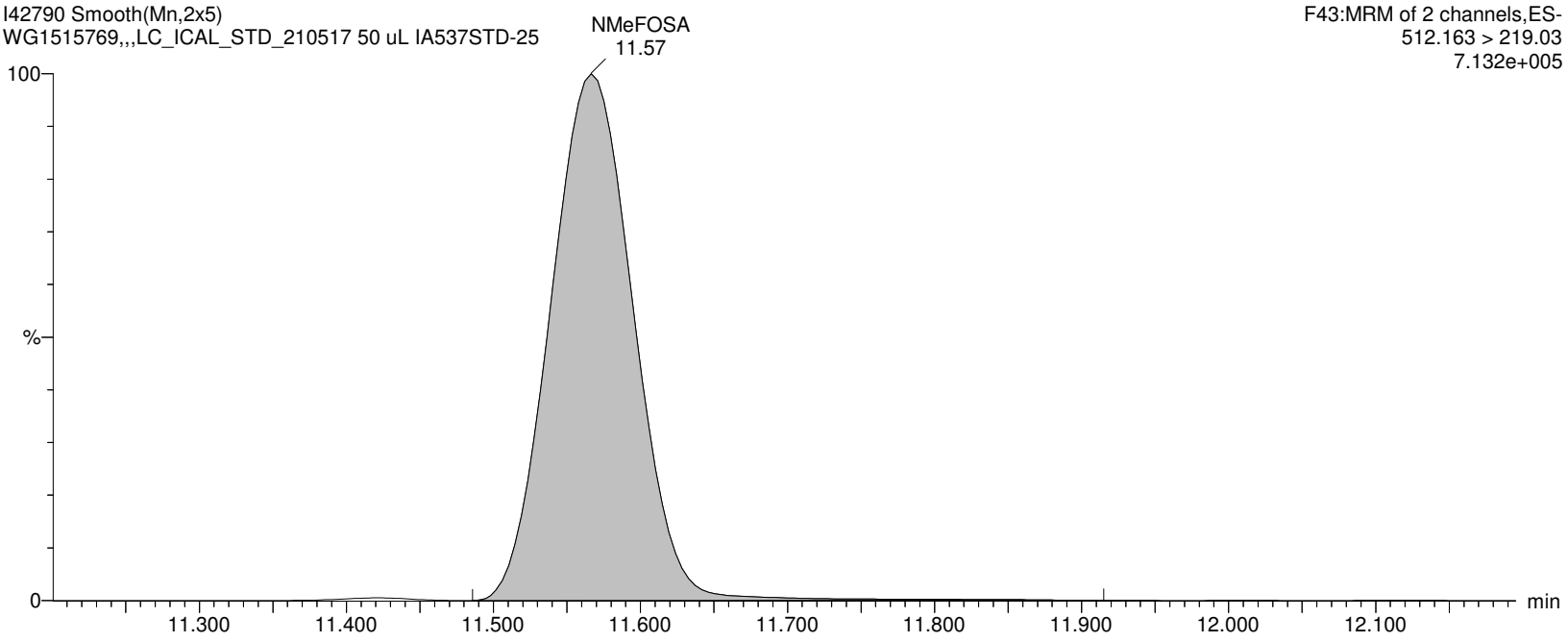
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSA



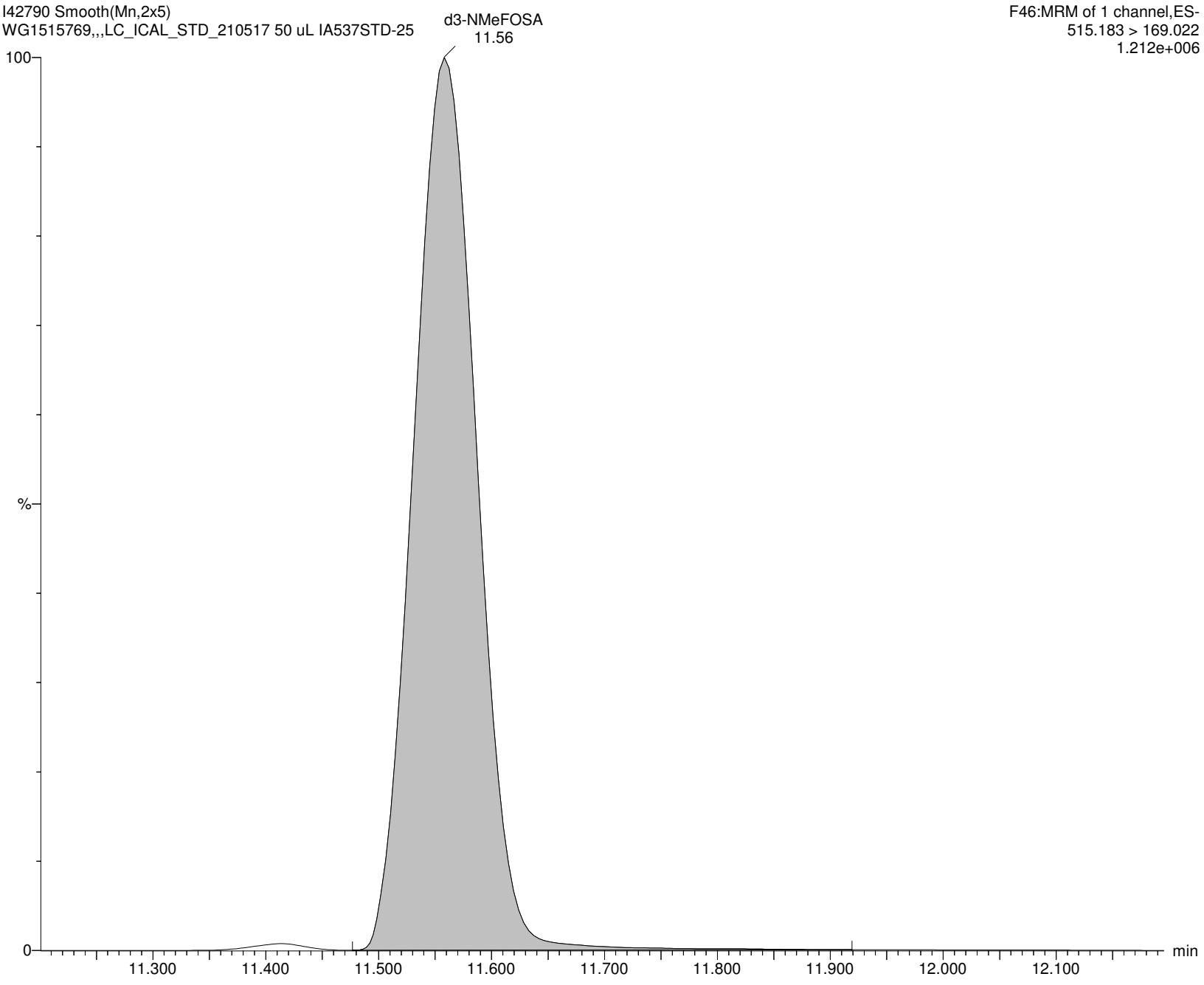


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSA

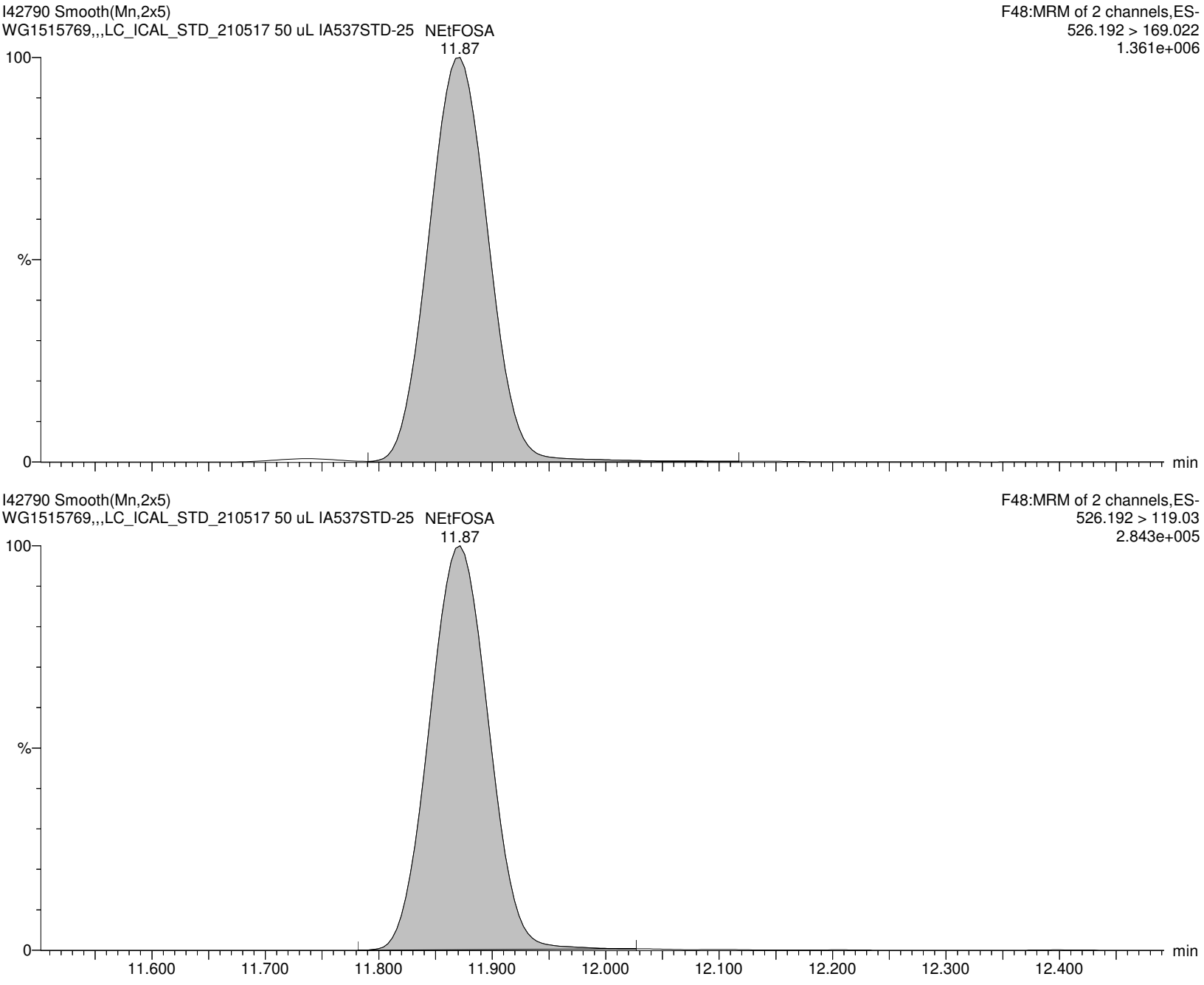


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSA

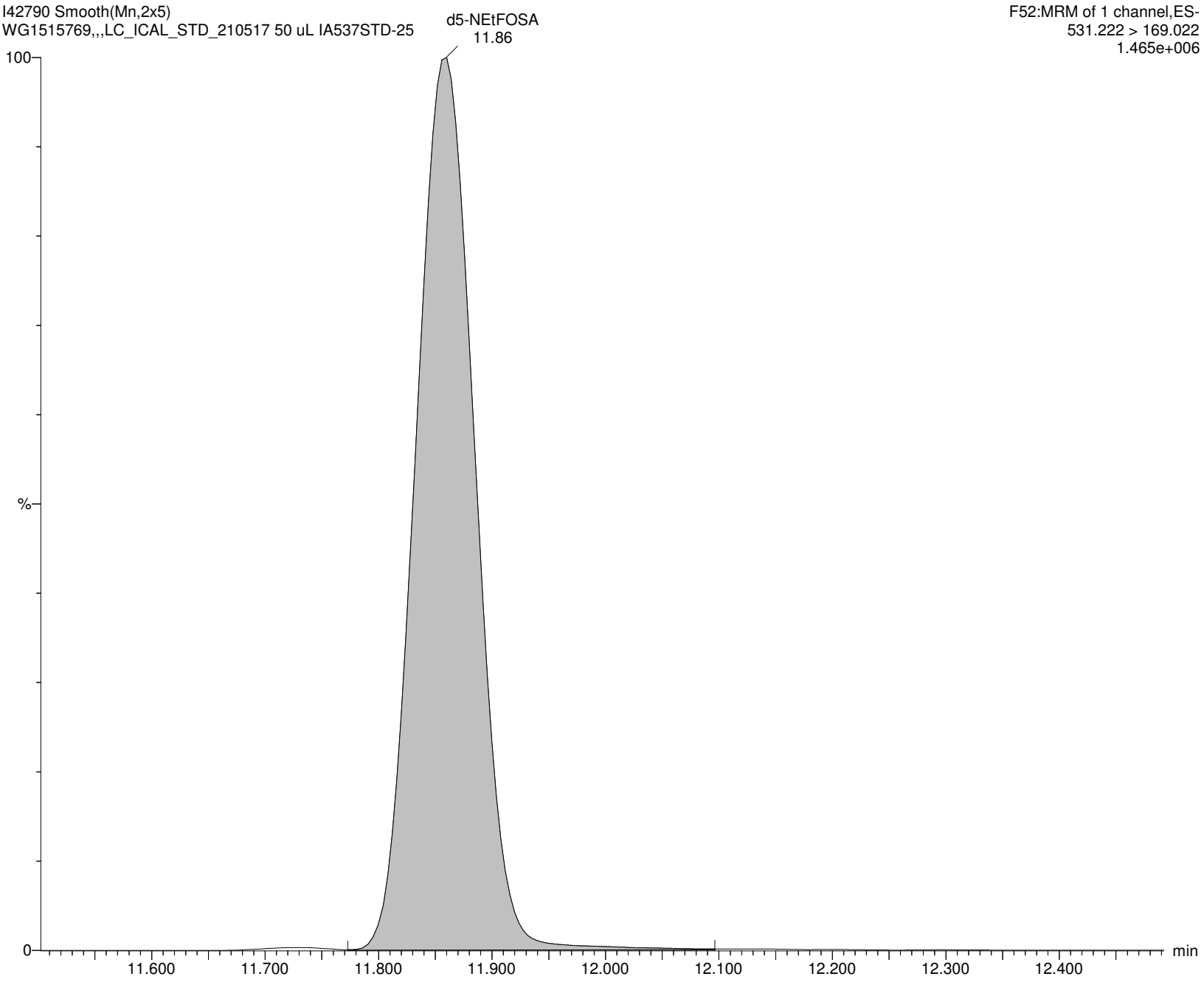


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSA

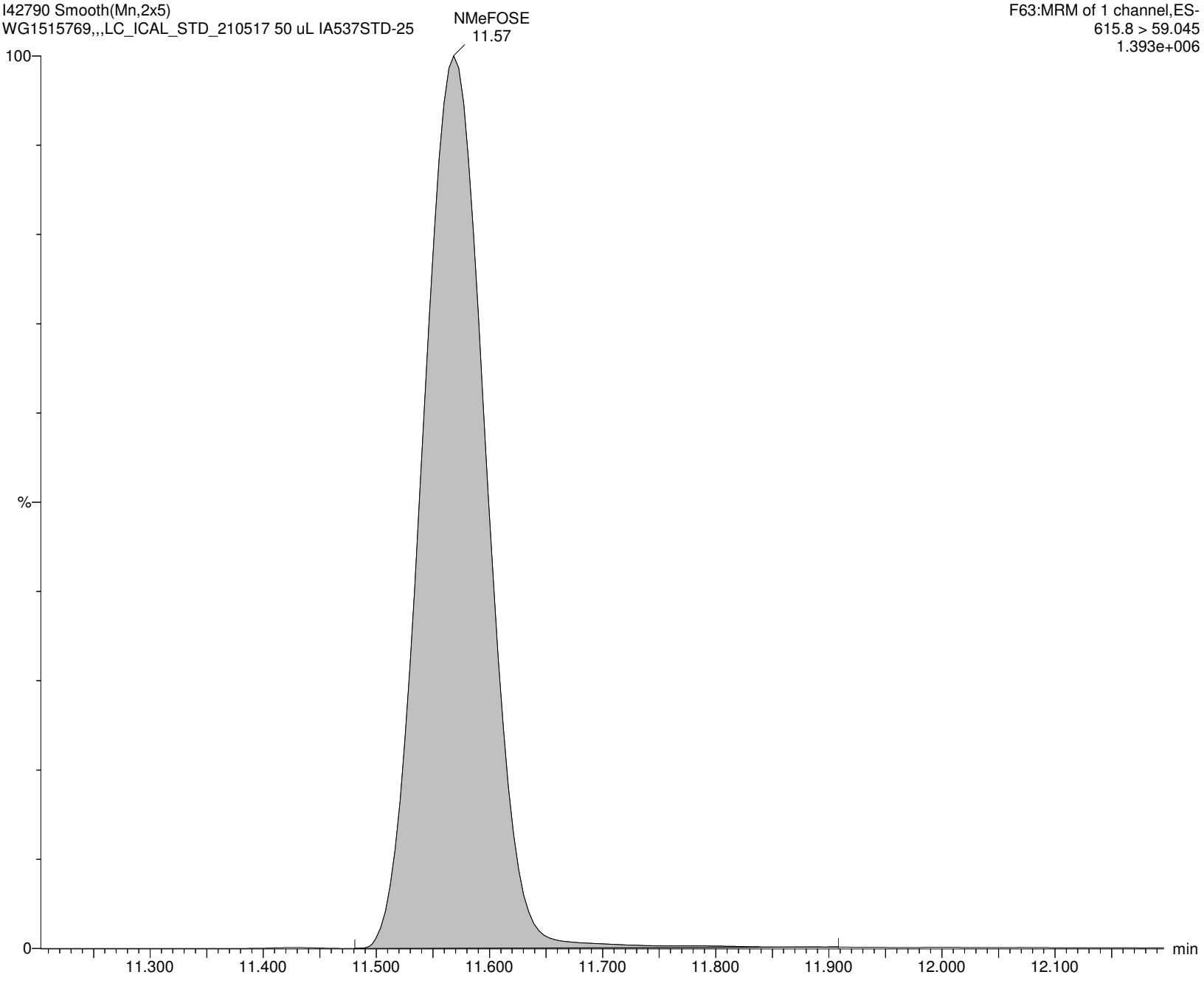


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSE

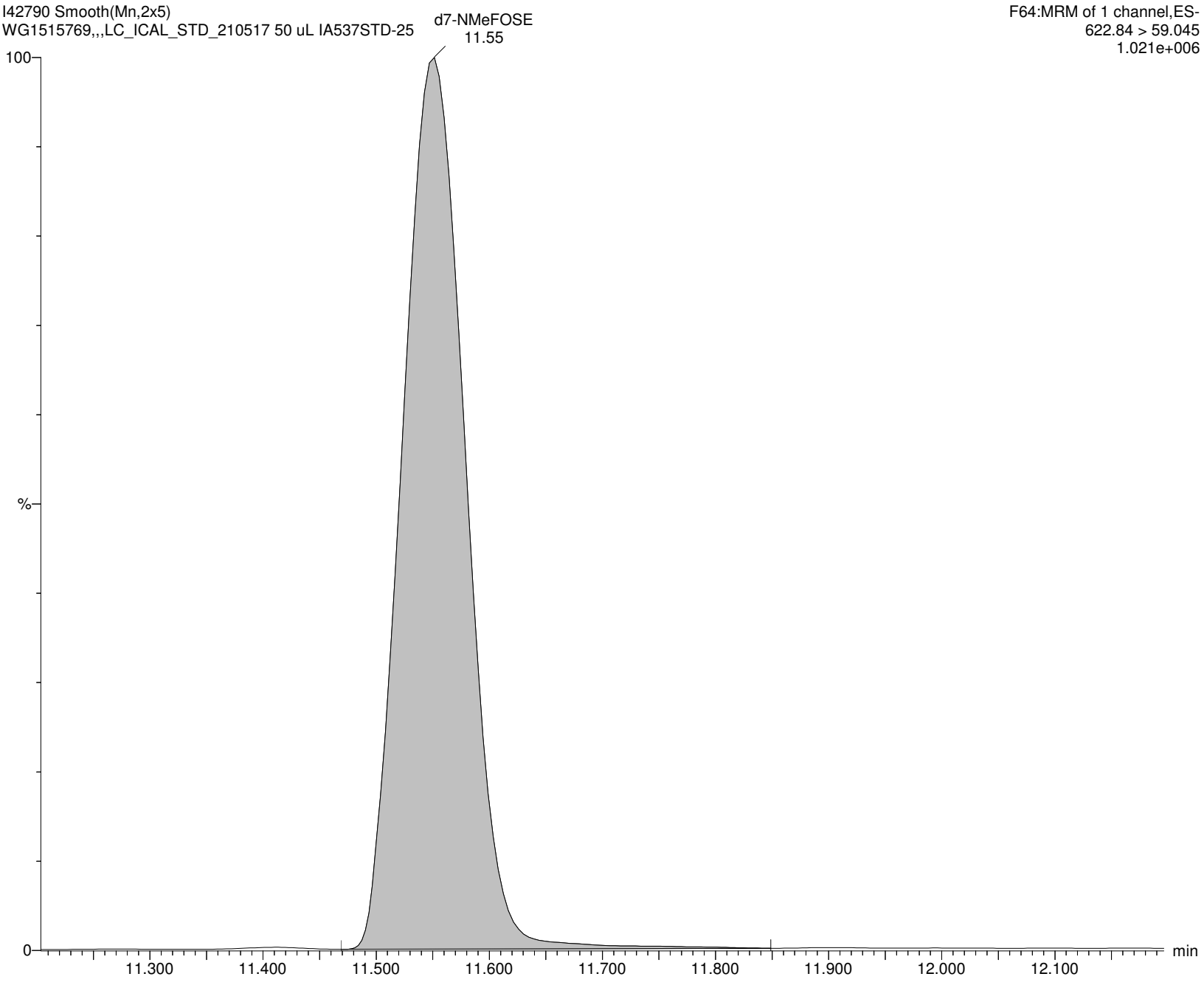


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d7-NMeFOSE

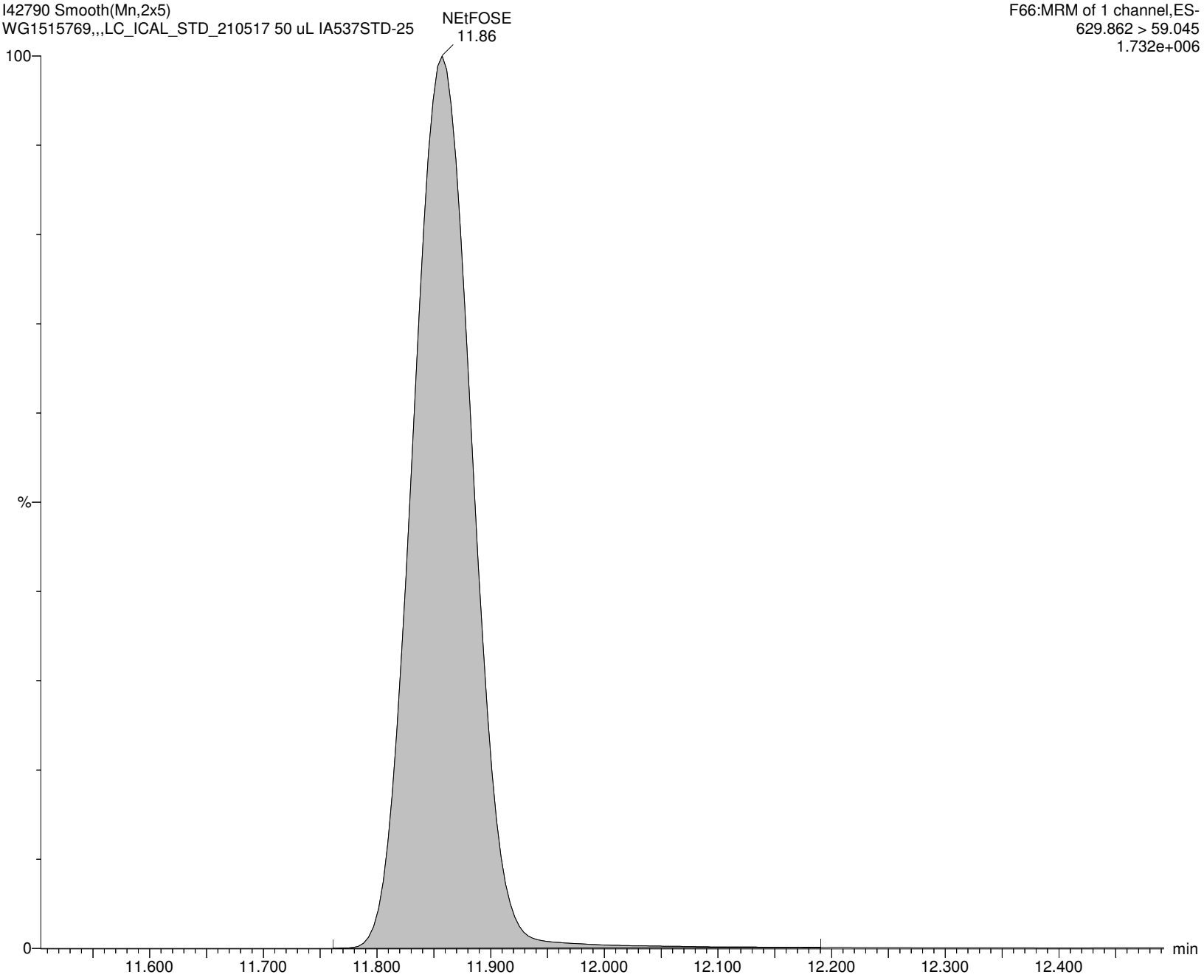


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSE

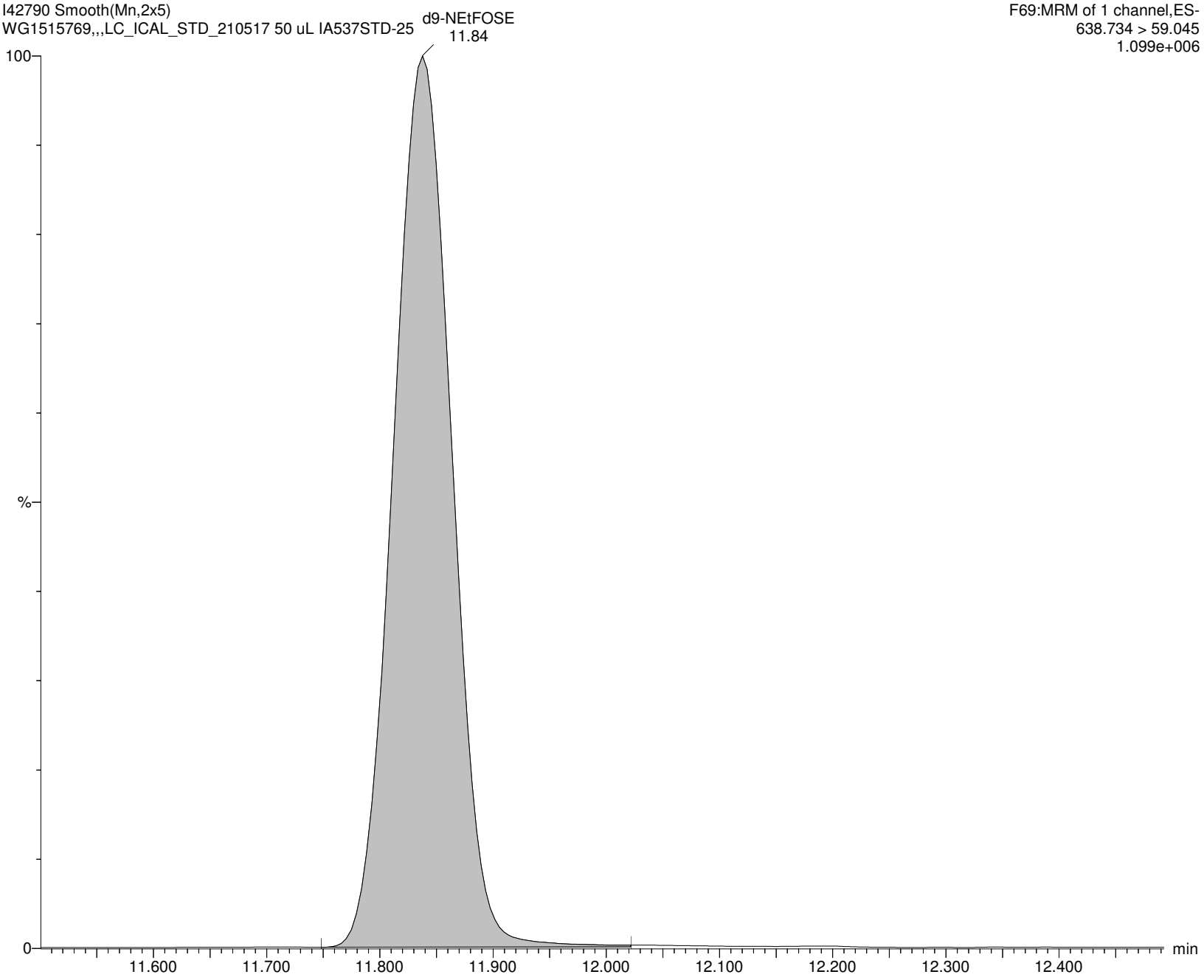


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d9-NEtFOSE

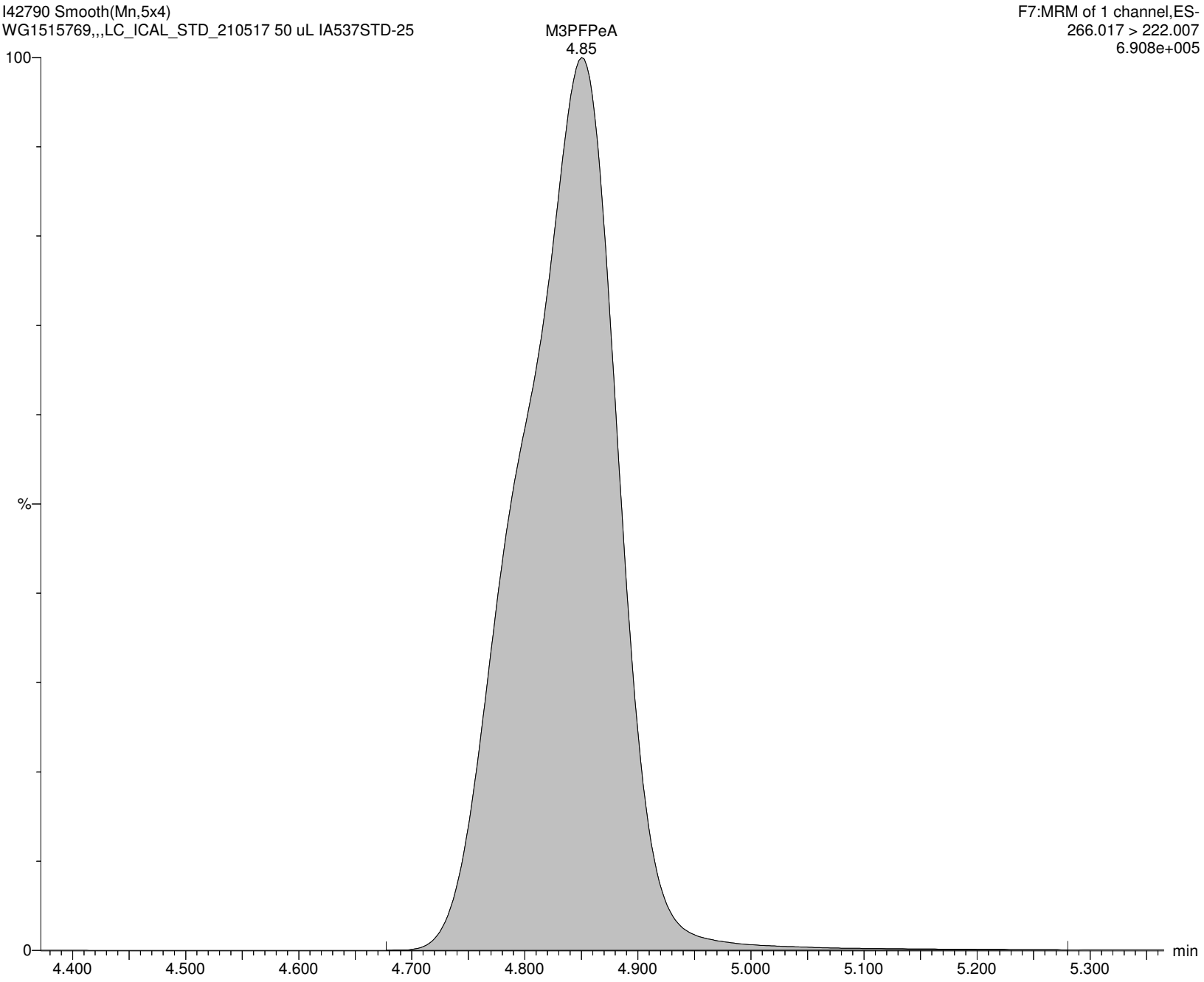


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFPeA

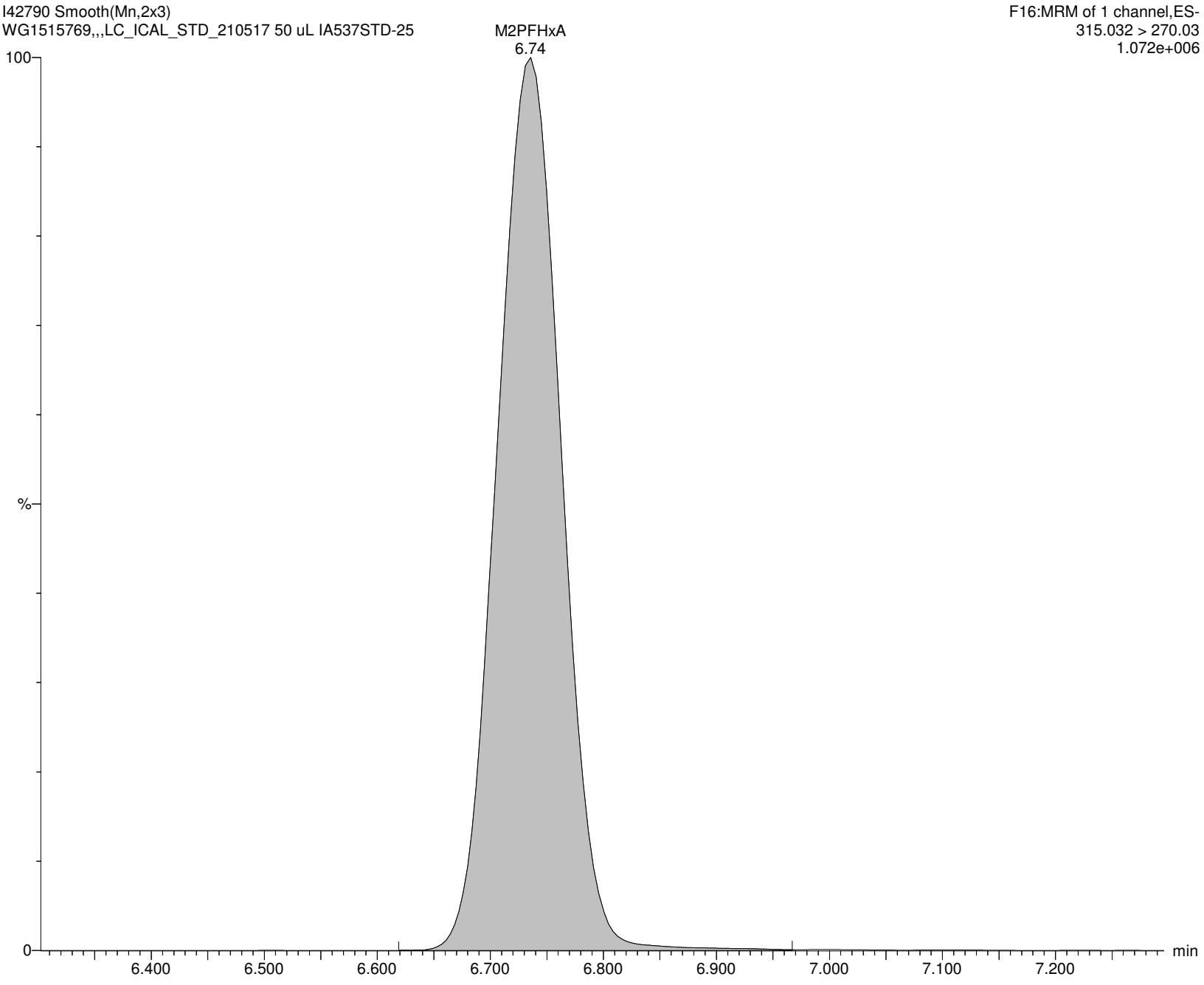


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFHxA

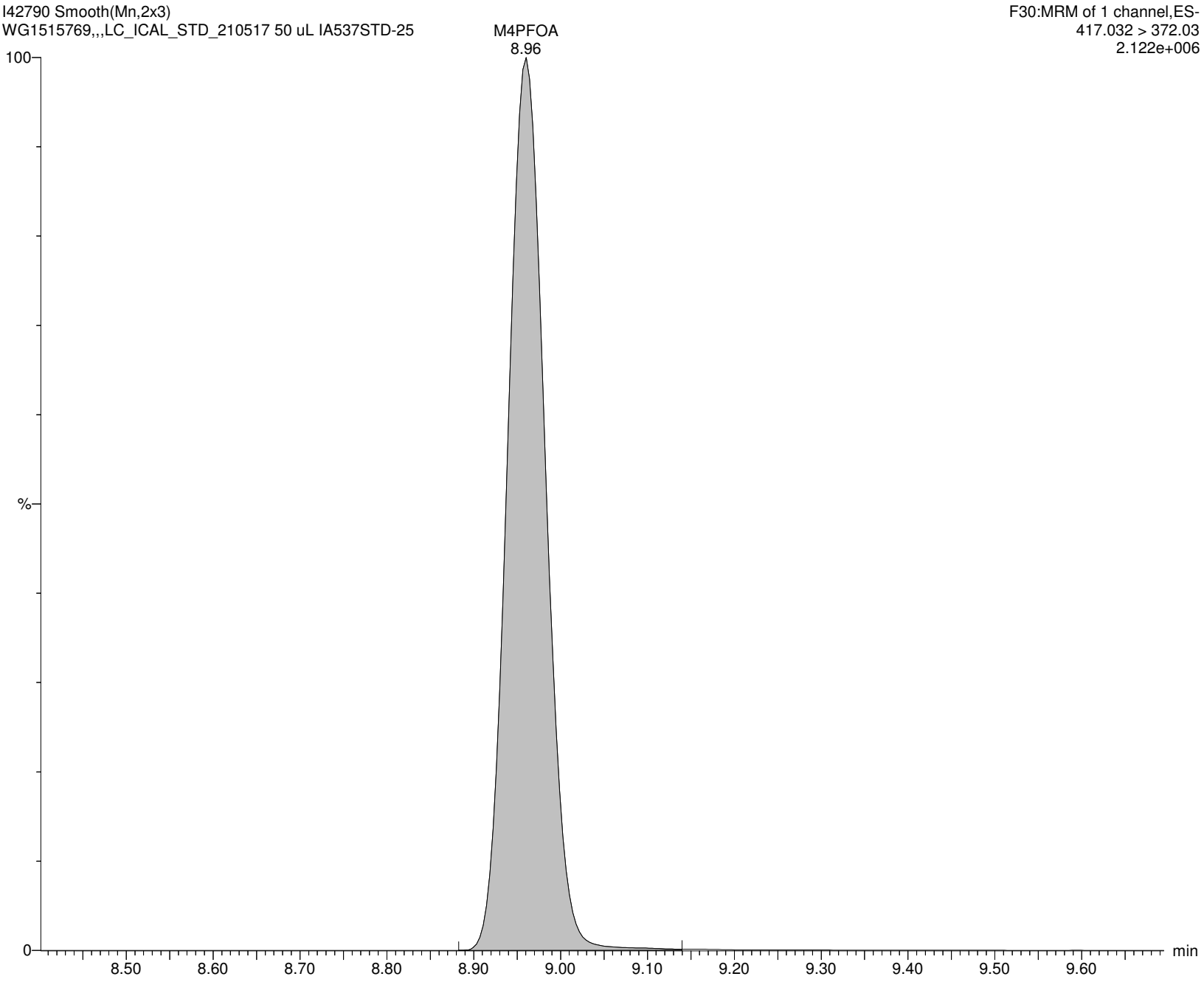


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOA

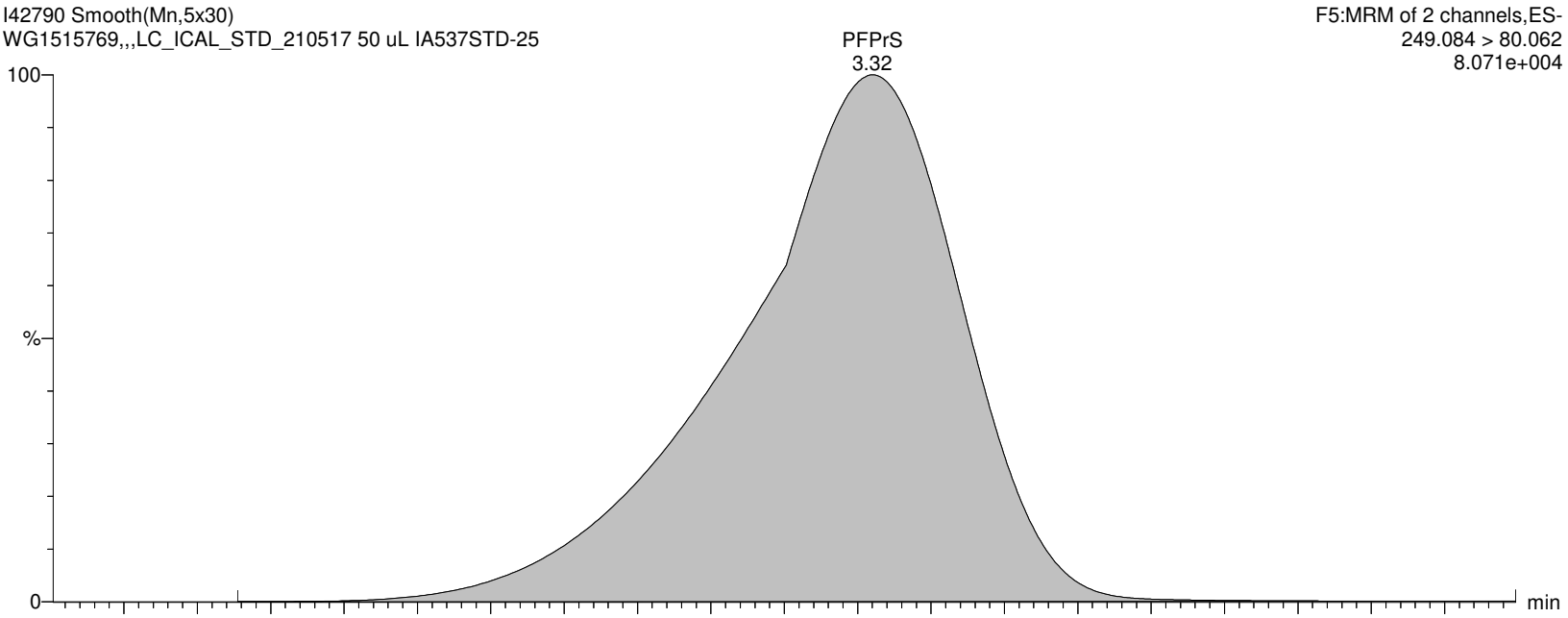


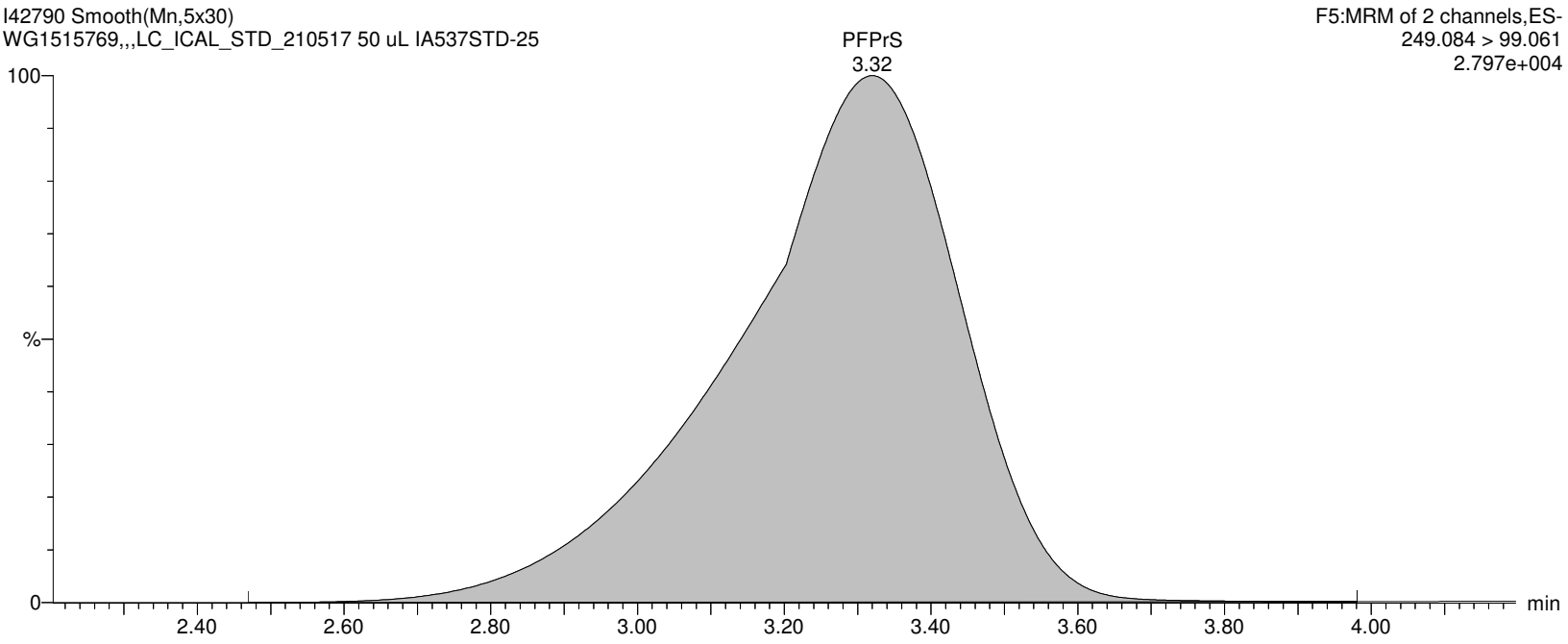
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPrS



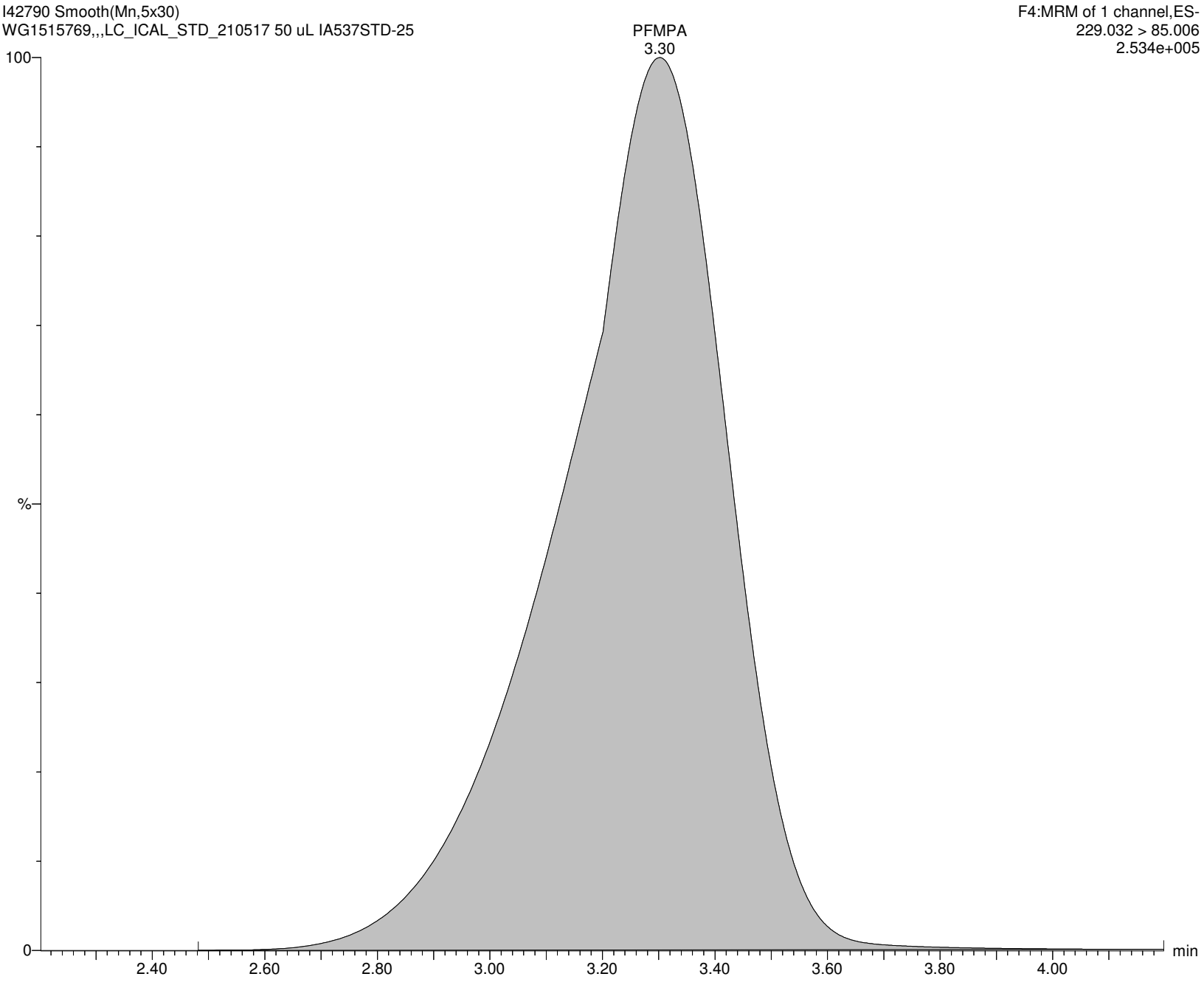


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFMPA

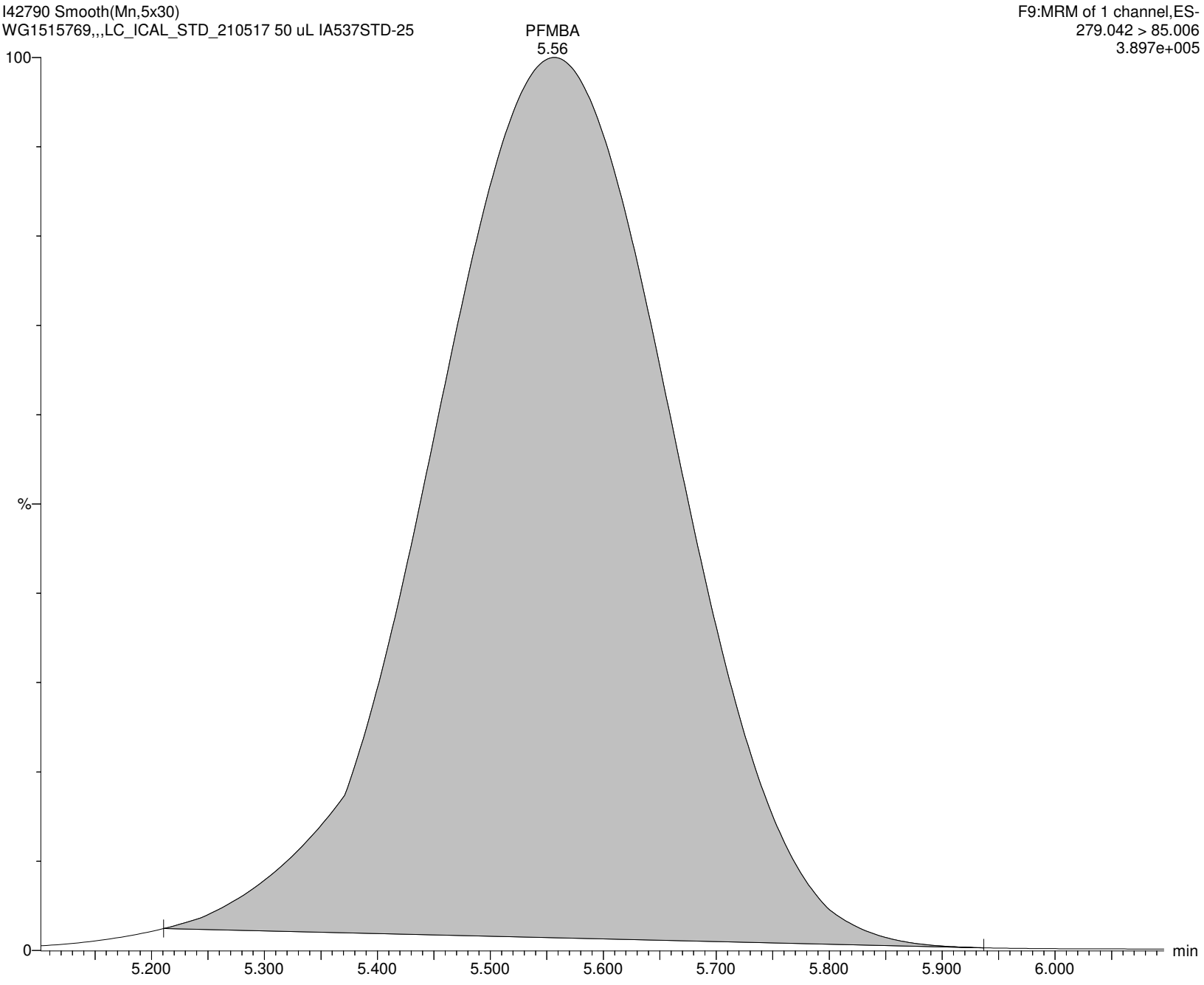


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFMBA

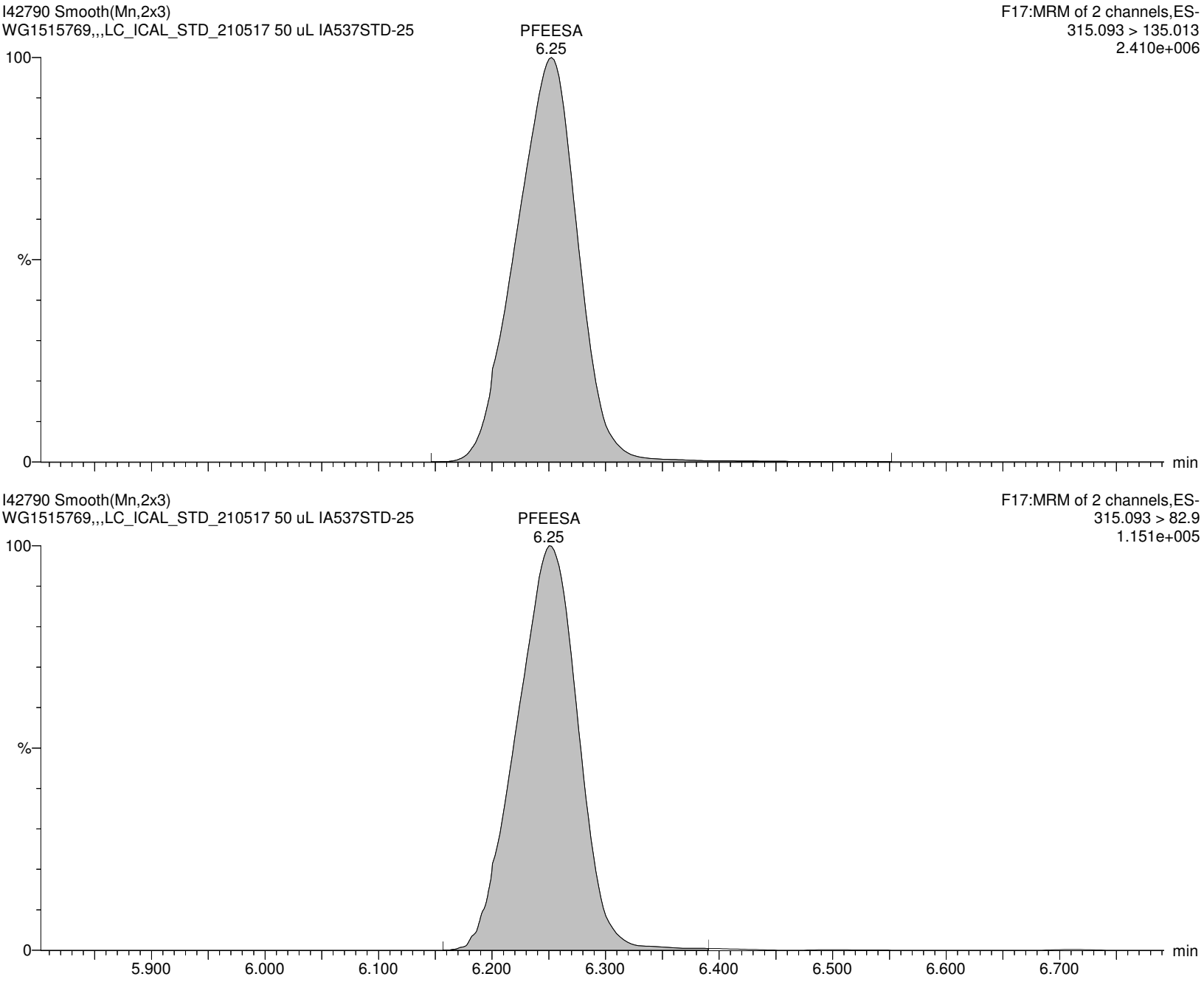


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFEESA

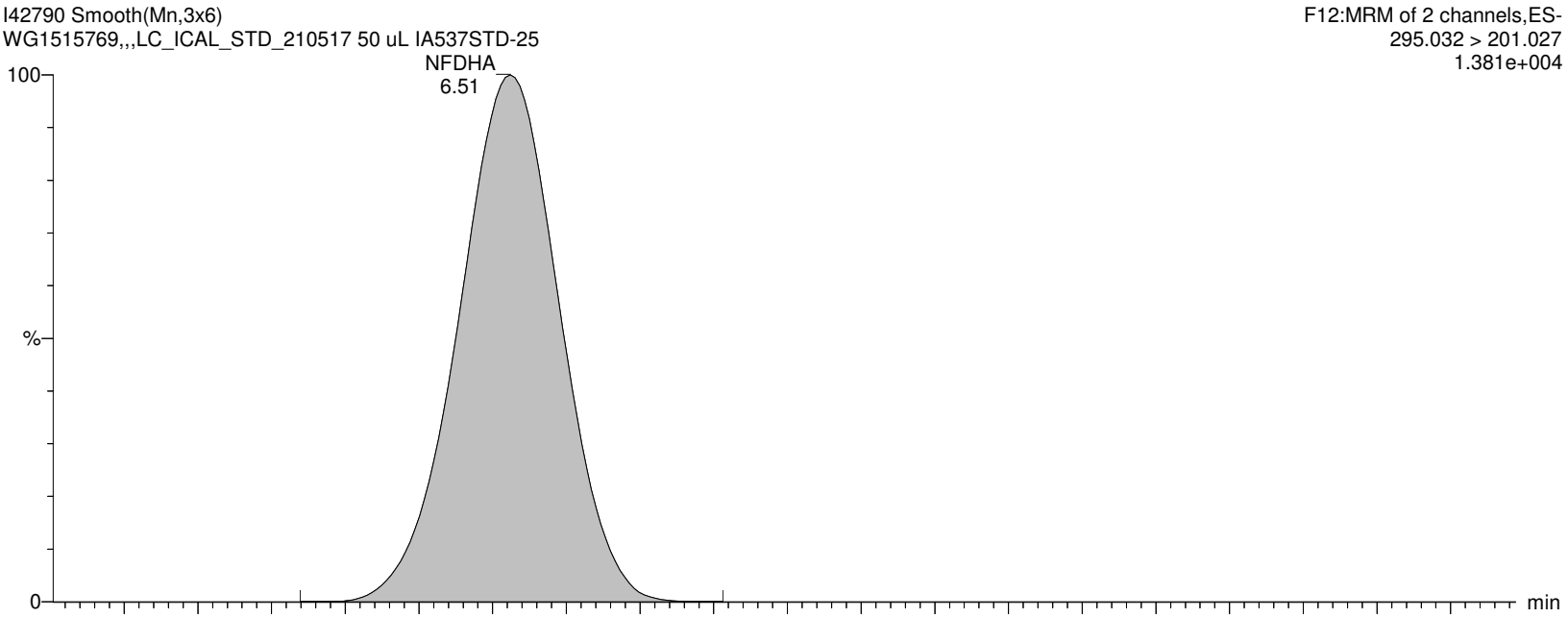


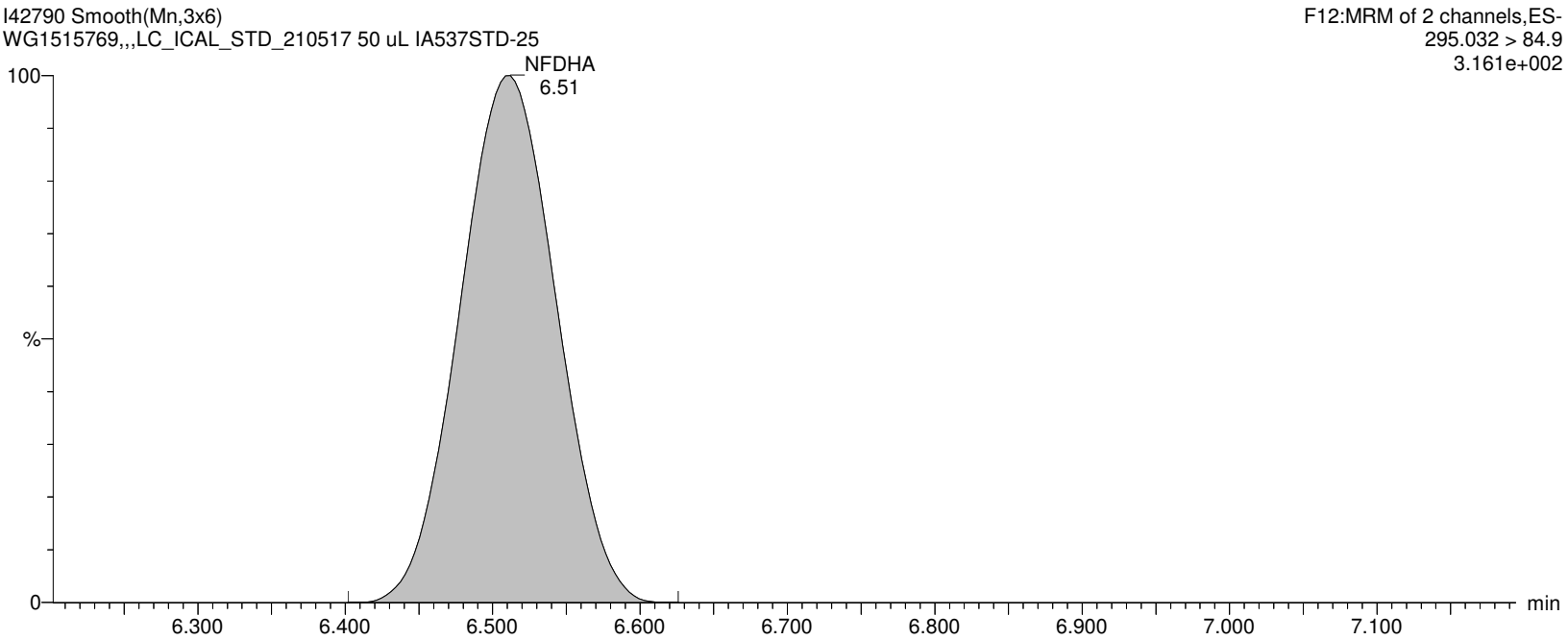
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:53 Eastern Daylight Time

Name: I42790
ID: IA537STD-25
Date: 25-Jun-2021
Time: 19:43:14
Description: WG1515769,,,LC_ICAL_STD_210517 50 uL
User: LCMS02:RS
Vial: 1:C,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NFDHA





all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\MethDB\537ISO_Q_210625_TOP_RT.mdb 22 Jun 2021 09:28:25
Calibration: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

ID: IA537STD-50
Name: I42791
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	1.97	213.032 > 169.022	236505		48.293		na	96.6
2	M3PFBA	INT STD	1.97	216.009 > 171.999	53345		10.161		na	101.6
3	MPFBA	INT STD	1.97	217.001 > 171.999	55028		9.594		na	95.9
4	PFPeA	2706-90-3	4.84	263.039 > 219.03	272713		48.283		na	96.6
5	M5PFPEA	INT STD	4.85	268.001 > 222.999	60027		9.537		na	95.4
6	PFBS	375-73-5	5.51	299.092 > 80.062	56096		42.754	1.92	NO	96.6
7	M3PFBS	INT STD	5.51	302.069 > 80.062	12077		9.676		na	96.8
8	4:2FTS	757124-72-4	6.66	327.146 > 307.139	20795		45.937	2.52	NO	98.3
9	M2-4:2FTS	INT STD	6.66	329.13 > 309.124	5424		10.844		na	108.4
10	PFHxA	307-24-4	6.74	313.047 > 269.037	317868		48.303	16.42	NO	96.6
11	M5PFHxA	INT STD	6.73	318.009 > 273.007	62022		9.586		na	95.9
12	PFPeS	2706-91-4	7.06	349.1 > 80.062	61045		48.170	2.25	NO	102.5
13	PFHpA	375-85-9	8.02	363.055 > 319.045	449167		47.837	5.62	NO	95.7
14	M4PFHpA	INT STD	8.01	367.025 > 322.022	92801		9.620		na	96.2
15	br-PFHxS	355-46-4	7.95	399.107 > 80.062	11522	M5,M7	8.711	2.18	NO	102.5
16	L-PFHxS	355-46-4	8.18	399.107 > 80.062	52628		35.181	1.67	NO	95.1
17	PFHxS	355-46-4		399.107 > 80.062	64150		43.892		na	
18	M3PFHxS	INT STD	8.18	402.084 > 80.062	13710		9.686		na	96.9
19	br-PFOA	335-67-1		413.063 > 369.053			ND		YES	
20	L-PFOA	335-67-1	8.96	413.063 > 369.053	484990		48.392	8.88	NO	96.8
21	PFOA	335-67-1		413.063 > 369.053	484990		48.392		na	
22	M8PFOA	INT STD	8.96	421.002 > 376.	103999		9.681		na	96.8
23	M2PFOA	INT STD	8.96	415.048 > 370.045	105814		9.991		na	99.9
24	6:2FTS	27619-97-2	8.92	427.161 > 407.155	22157		46.256	3.69	NO	97.4
25	M2-6:2FTS	INT STD	8.92	429.146 > 409.14	5712		11.124		na	111.2
26	PFHpS	375-92-8	9.05	449.115 > 80.062	41677		47.980	1.11	NO	101.0
27	PFNA	375-95-1	9.72	463.071 > 419.061	355761		48.837	3.89	NO	97.7
28	M9PFNA	INT STD	9.72	472.002 > 427.	29163		9.451		na	94.5
29	br-PFOS	1763-23-1	9.59	499.123 > 80.062	15332	M5,M7	10.448	4.13	NO	104.5
30	L-PFOS	1763-23-1	9.77	499.123 > 80.062	41580		37.580	1.76	NO	103.0
31	PFOS	1763-23-1		499.123 > 80.062	56912		48.028		na	
32	M4PFOS	INT STD	9.77	503.093 > 80.062	11313		9.995		na	99.9
33	M8PFOS	INT STD	9.77	507.062 > 80.062	12124		9.564		na	95.6
34	PFDA	335-76-2	10.34	513.078 > 469.069	297775		47.254	5.56	NO	94.5
35	M2PFDA	INT STD	10.34	515.053 > 469.934	58448		9.581		na	95.8
36	M6PFDA	INT STD	10.34	519.033 > 474.03	63326		9.546		na	95.5
37	8:2FTS	39108-34-4	10.32	527.177 > 507.171	9869		46.282	4.85	NO	96.4
38	M2-8:2FTS	INT STD	10.33	529.162 > 509.155	3973		10.524		na	105.2
39	PFNS	68259-12-1	10.37	549.131 > 80.062	44891		47.928	1.42	NO	99.9

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

ID: IA537STD-50
Name: I42791
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.75	573.22 > 419.061	6170		9.868		na	98.7
41	br-NMeFOSAA		10.60	570.202 > 419.061	3275	M5,M7	13.100	1.24	NO	109.2
42	L-NMeFOSAA		10.76	570.202 > 419.061	26162		38.921	2.38	NO	102.4
43	NMeFOSAA	2355-31-9		570.202 > 419.061	29437		52.021		na	
44	PFUnA	2058-94-8	10.87	563.086 > 519.076	270912		47.898	9.52	NO	95.8
45	M7-PFUDA	INT STD	10.87	570.033 > 525.031	56072		9.063		na	90.6
46	PFDS	335-77-3	10.89	599.139 > 80.062	48262		47.952	1.66	NO	99.4
47	FOSA	754-91-6	10.94	498.146 > 78.07	148920		48.399	123.71	NO	96.8
48	M8FOSA	INT STD	10.94	506.077 > 78.07	35940		10.006		na	100.1
49	br-NEtFOSAA		10.91	584.229 > 419.061	2118	M5,M7	12.095	0.61	NO	107.5
50	L-NEtFOSAA		11.06	584.229 > 419.061	19402		38.082	1.24	NO	98.3
51	NEtFOSAA	2991-50-6		584.229 > 419.061	21521		50.177		na	
52	d5-NEtFOSAA	INT STD	11.05	589.259 > 419.061	5164		9.994		na	99.9
53	PFDoA	307-55-1	11.34	613.094 > 569.084	283618		46.949	18.11	NO	93.9
54	MPFDOA	INT STD	11.34	615.079 > 570.077	57527		9.638		na	96.4
55	PFTrDA	72629-94-8	11.75	663.102 > 619.092	227767		52.099	11.00	NO	104.2
56	PFTA	376-06-7	12.10	713.11 > 669.1	174648		48.744	9.00	NO	97.5
57	M2PFTEDA	INT STD	12.10	715.094 > 670.092	18403		9.830		na	98.3
58	M3HFPO-DA	INT STD	7.17	287.02 > 169.022	4883		163.109		na	81.6
59	HFPO-DA	13252-13-6	7.16	285.035 > 169.022	11872		500.785	2.00	NO	100.2
60	ADONA	958445-44-8	8.20	377.06 > 251.028	383146		46.392	41.02	NO	98.1
61	PFHxDA		12.63	813.122 > 769.116	89211		49.124	22.05	NO	98.2
62	PFODA		12.86	913.411 > 869.131	10771	M4	48.442	21.53	NO	96.9
63	M2PFHxDA		12.63	815.102 > 770.108	27468		10.016		na	100.2
64	PFDoS		11.74	699.154 > 80.062	32716		49.766	2.21	NO	99.5
65	M2D4-10:2FTS		11.34	633.201 > 612.189	3728	M4	18.655		na	94.4
66	10:2FTS		11.35	627.192 > 607.186	9724	M2,M7	44.396	2.04	NO	92.1
67	9CL-PF3ONS		10.12	530.862 > 350.843	223637		45.823	2.69	NO	98.3
68	11CL-PFOUdS		11.15	630.862 > 450.854	207330		45.881	3.02	NO	97.4
69	NMeFOSA		11.56	512.163 > 169.022	148760		244.057	1.63	NO	97.6
70	d3-NMeFOSA		11.55	515.183 > 169.022	75272		102.291		na	102.3
71	NEtFOSA		11.86	526.192 > 169.022	161162		241.735	4.81	NO	96.7
72	d5-NEtFOSA		11.85	531.222 > 169.022	84061		102.902		na	102.9
73	NMeFOSE		11.56	615.8 > 59.045	172534		126.820		na	101.5
74	d7-NMeFOSE		11.54	622.84 > 59.045	62905		104.242		na	104.2
75	NEtFOSE		11.85	629.862 > 59.045	197117		116.490		na	93.2
76	d9-NEtFOSE		11.83	638.734 > 59.045	66566		109.239		na	109.2
77	M3PFPeA		4.85	266.017 > 222.007	68343		10.083		na	100.8
78	M2PFHxA		6.74	315.032 > 270.03	68752		9.963		na	99.6
79	M4PFOA		8.96	417.032 > 372.03	107145		10.076		na	100.8
80	PFPrS	423-41-6	3.32	249.084 > 80.062	58673		46.784	2.90	NO	102.1
81	PFMPA		3.30	229.032 > 85.006	176293		49.722		na	99.4
82	PFMBA		5.56	279.042 > 85.006	192846		49.698		na	99.4

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

ID: IA537STD-50
Name: I42791
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
83	PFEESA		6.25	315.093 > 135.013	309059		45.653	20.58	NO	102.6
84	NFDHA		6.51	295.032 > 201.027	2465		50.767	45.84	NO	101.5

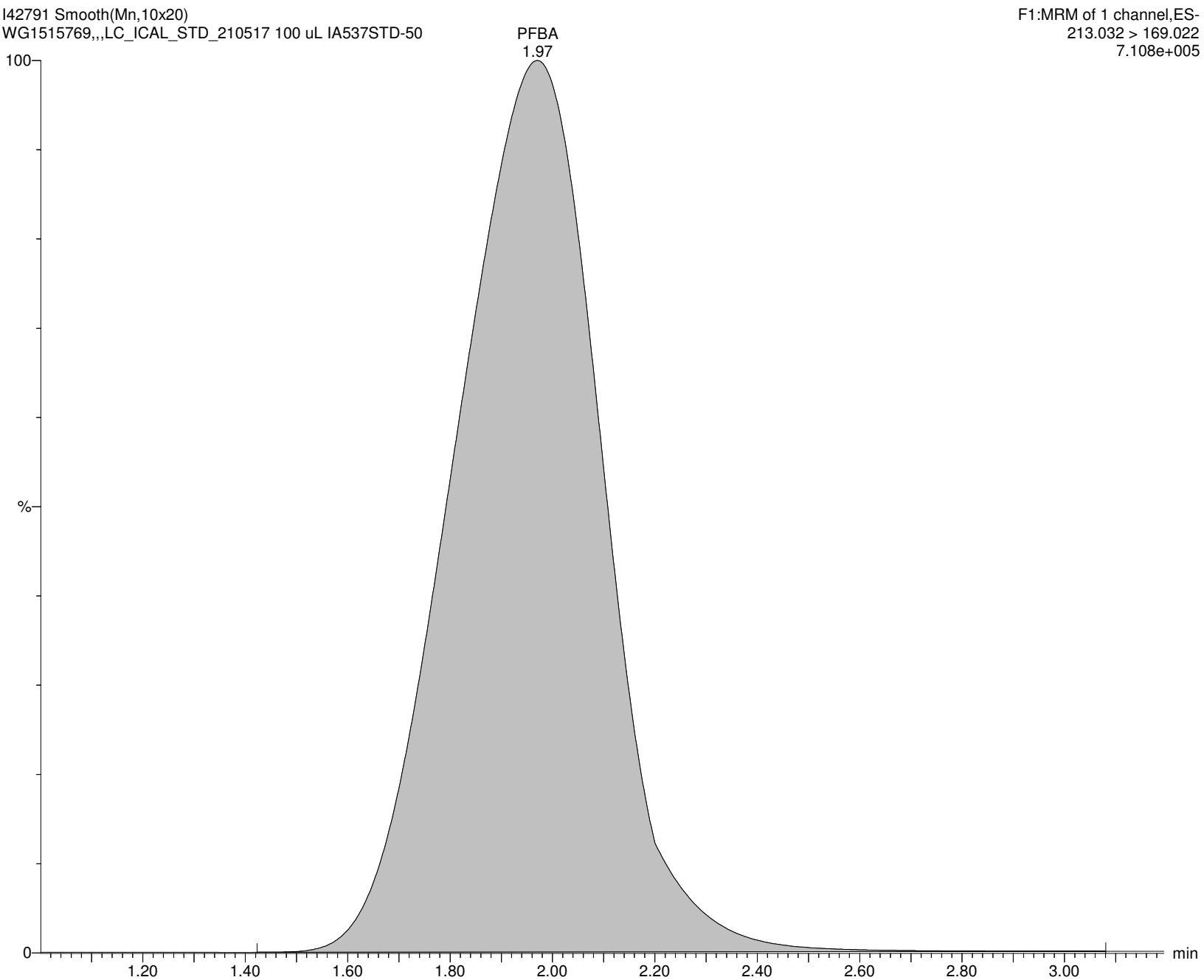
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\MethDB\537ISO_Q_210625_TOP_RT.mdb 22 Jun 2021 09:28:25
Calibration: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBA

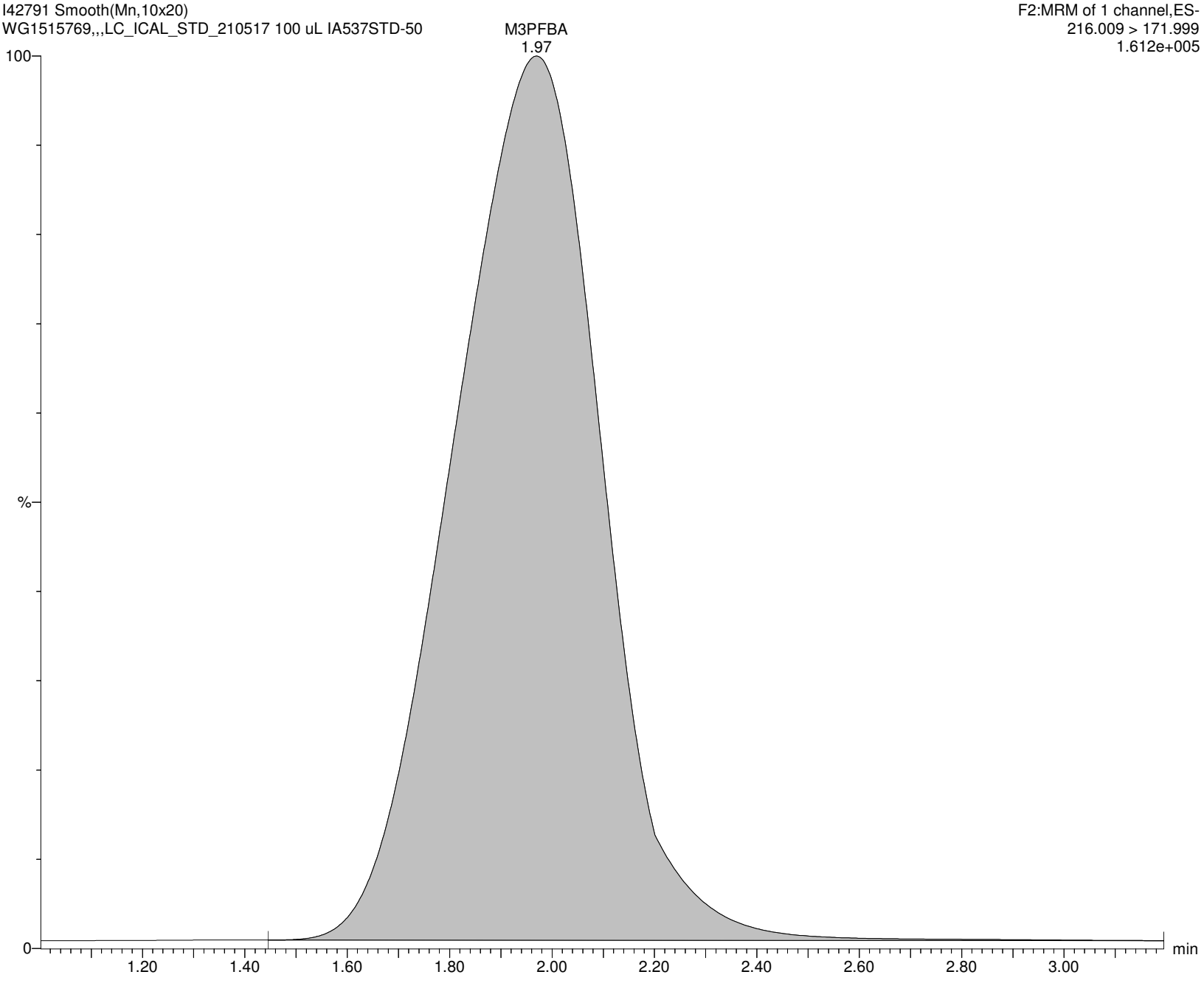


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBA

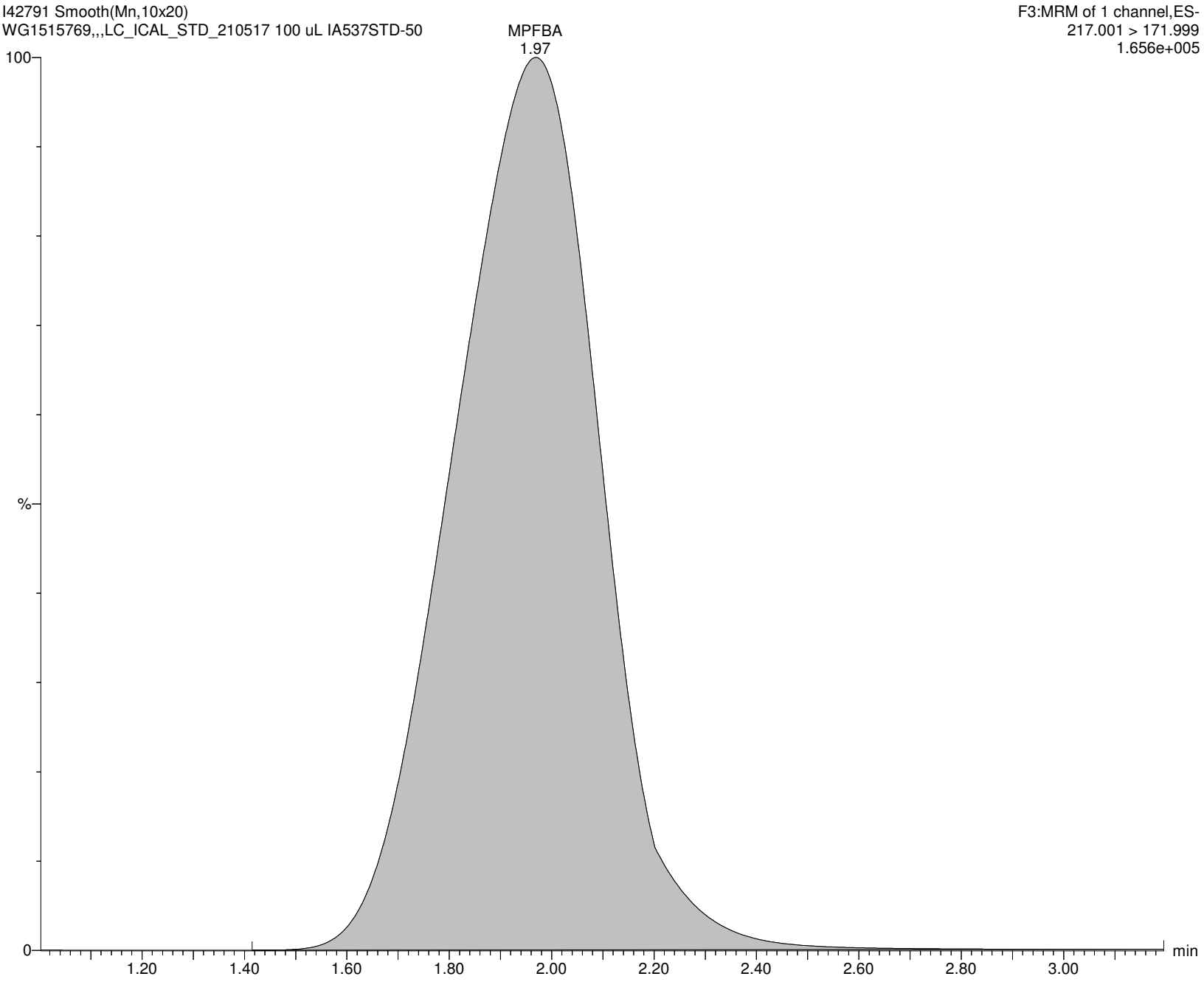


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFBA

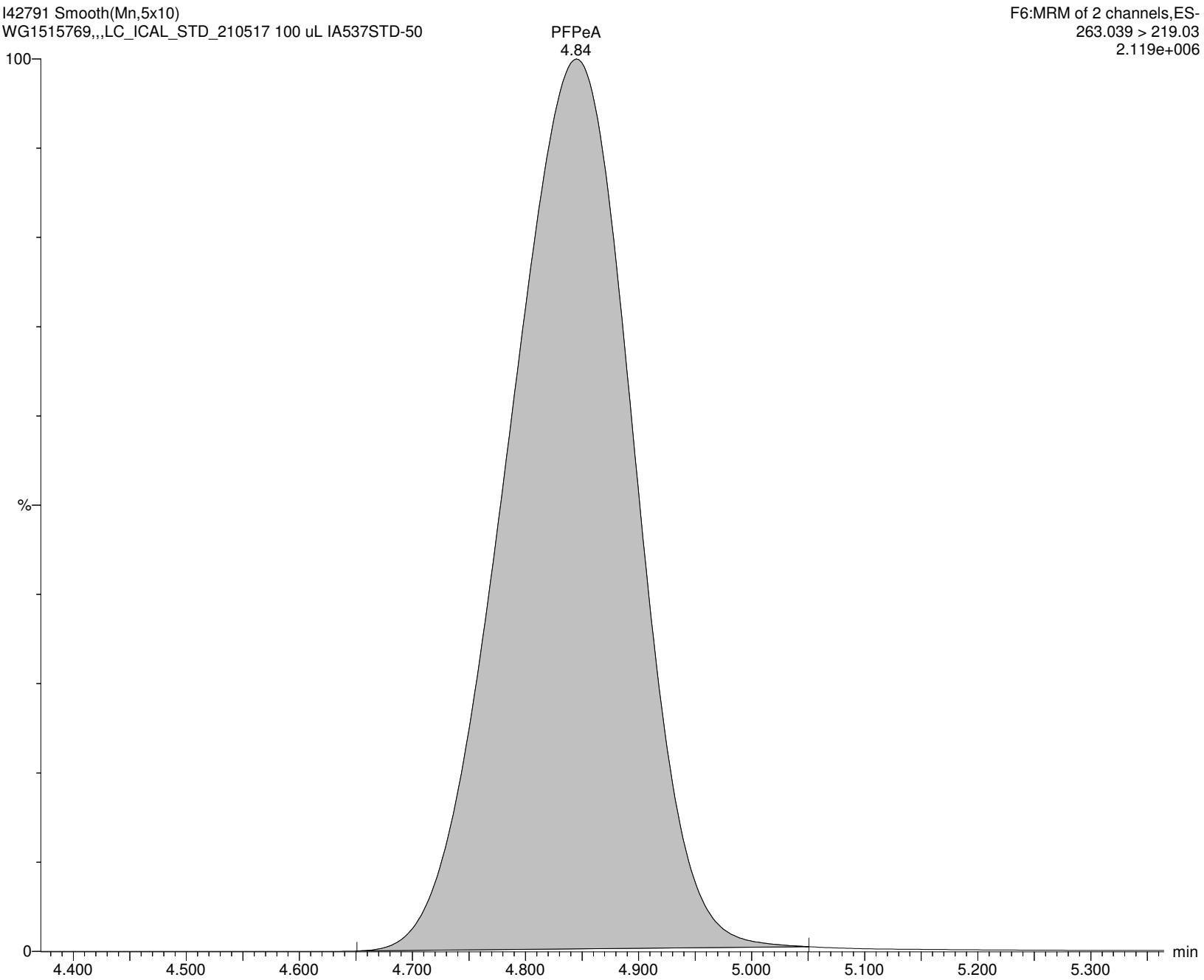


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeA

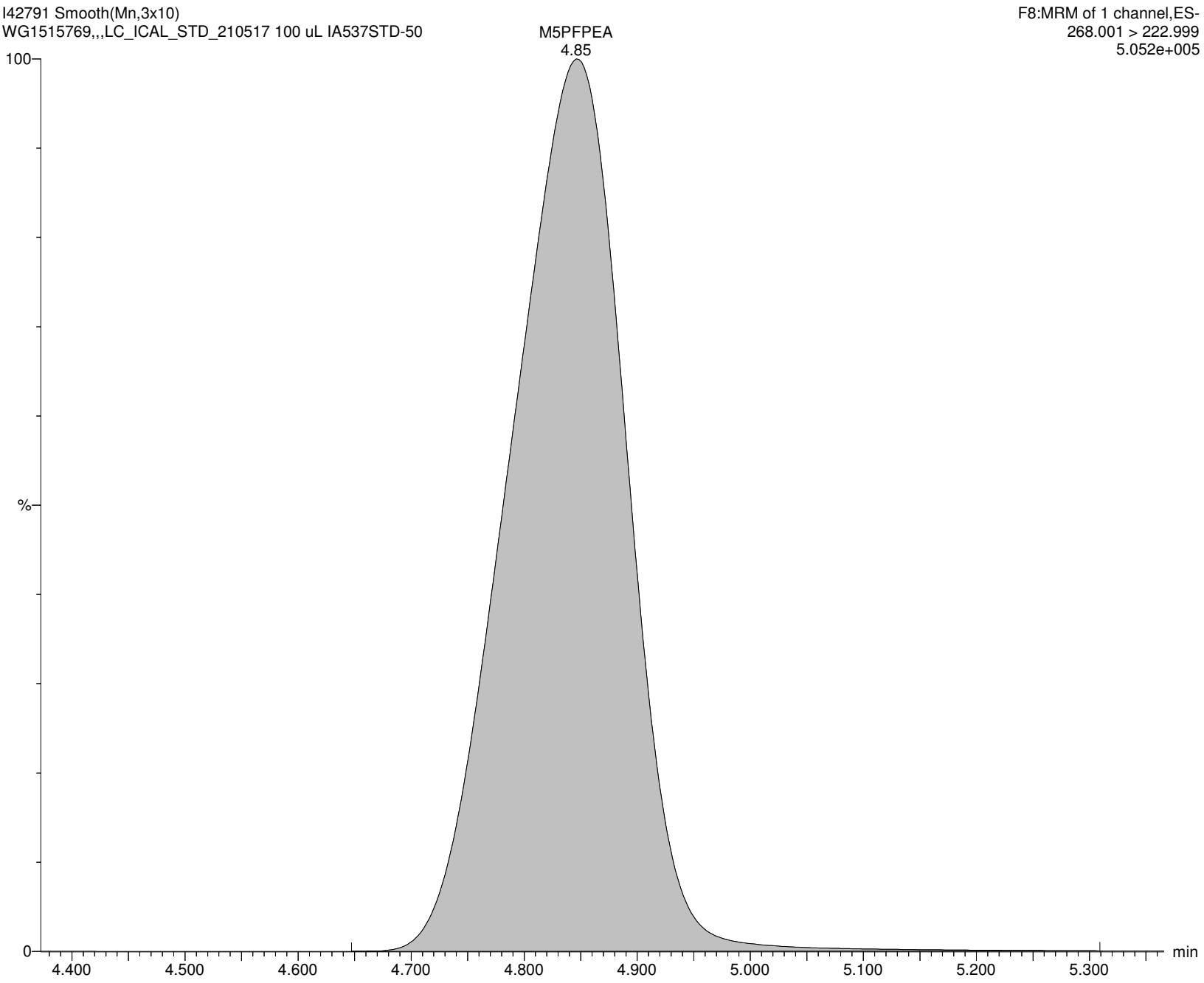


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFPEA

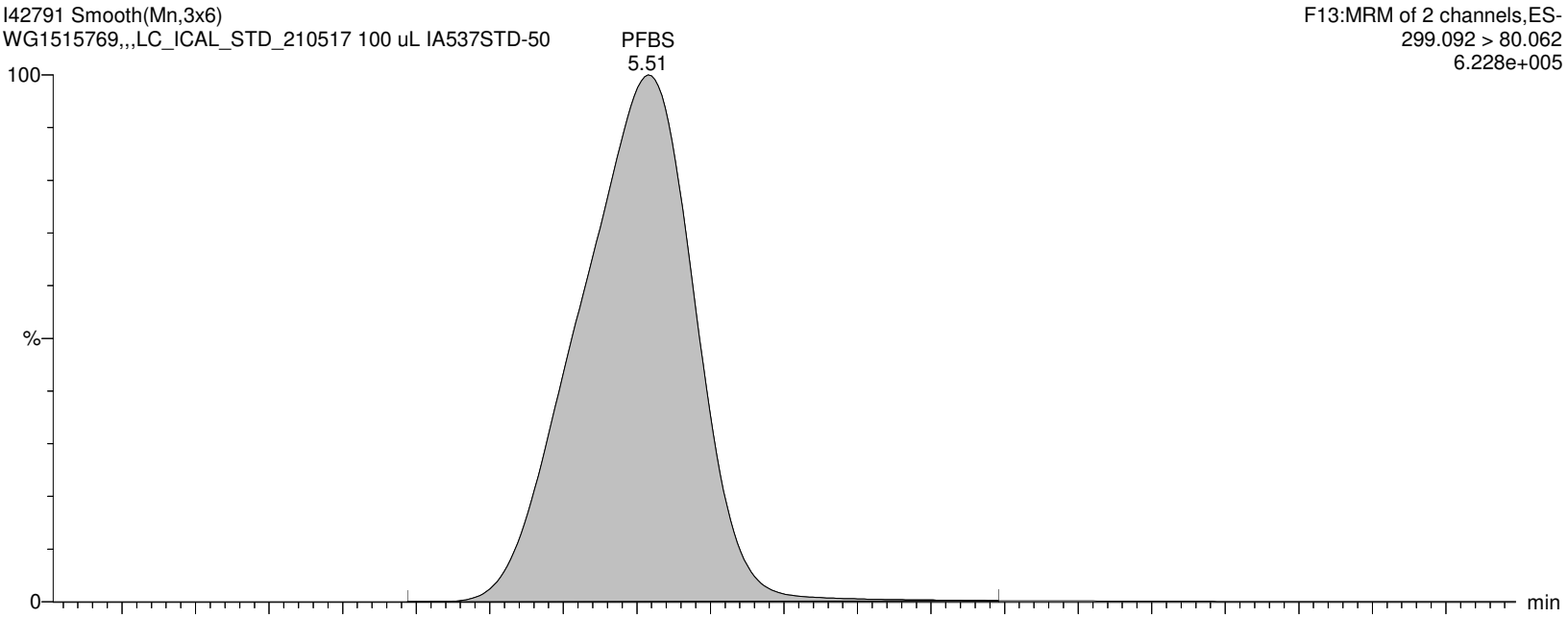


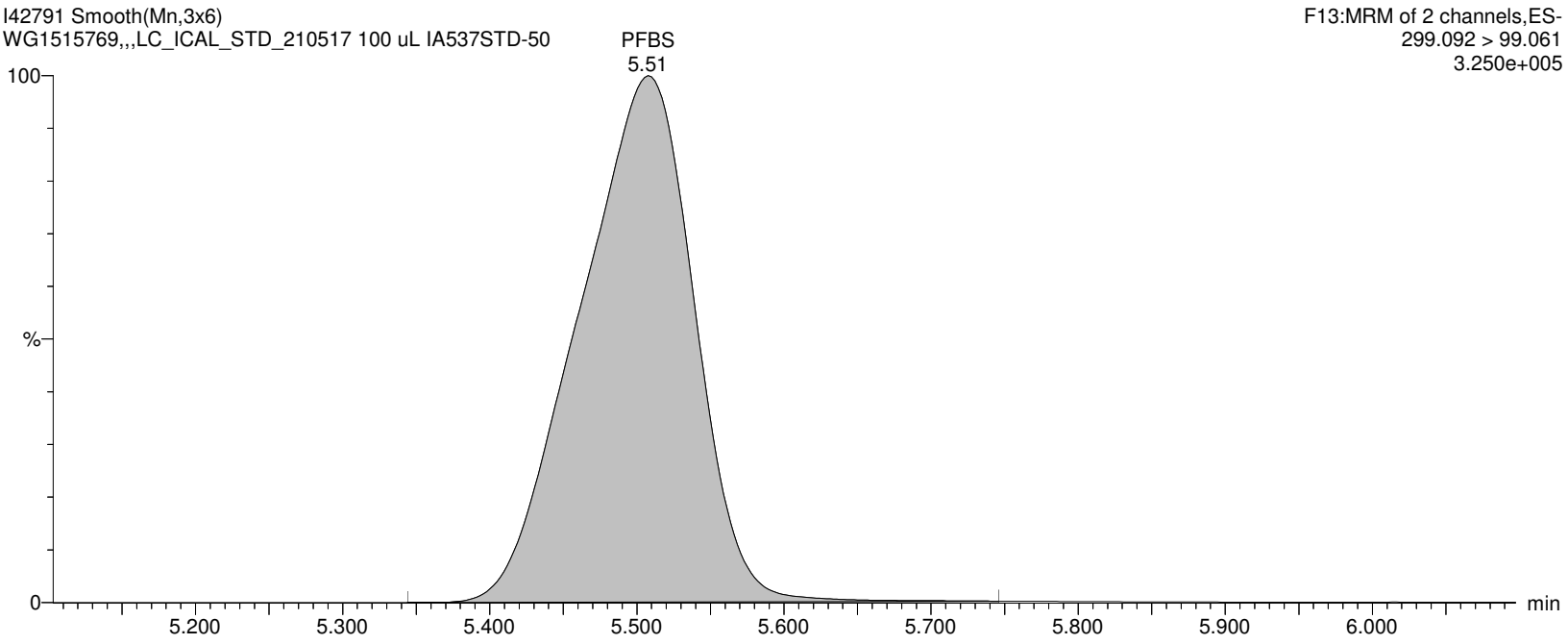
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBS



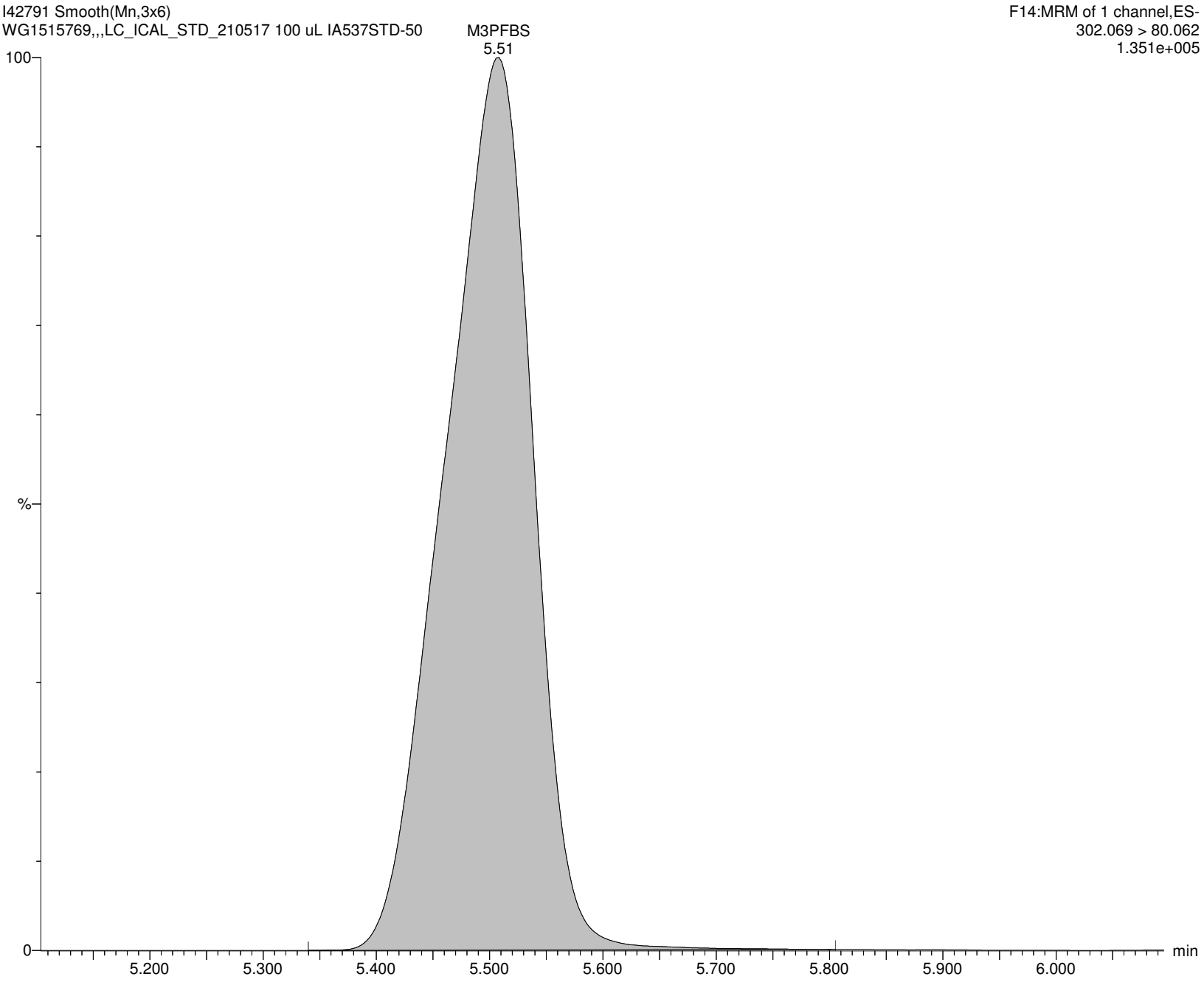


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBS

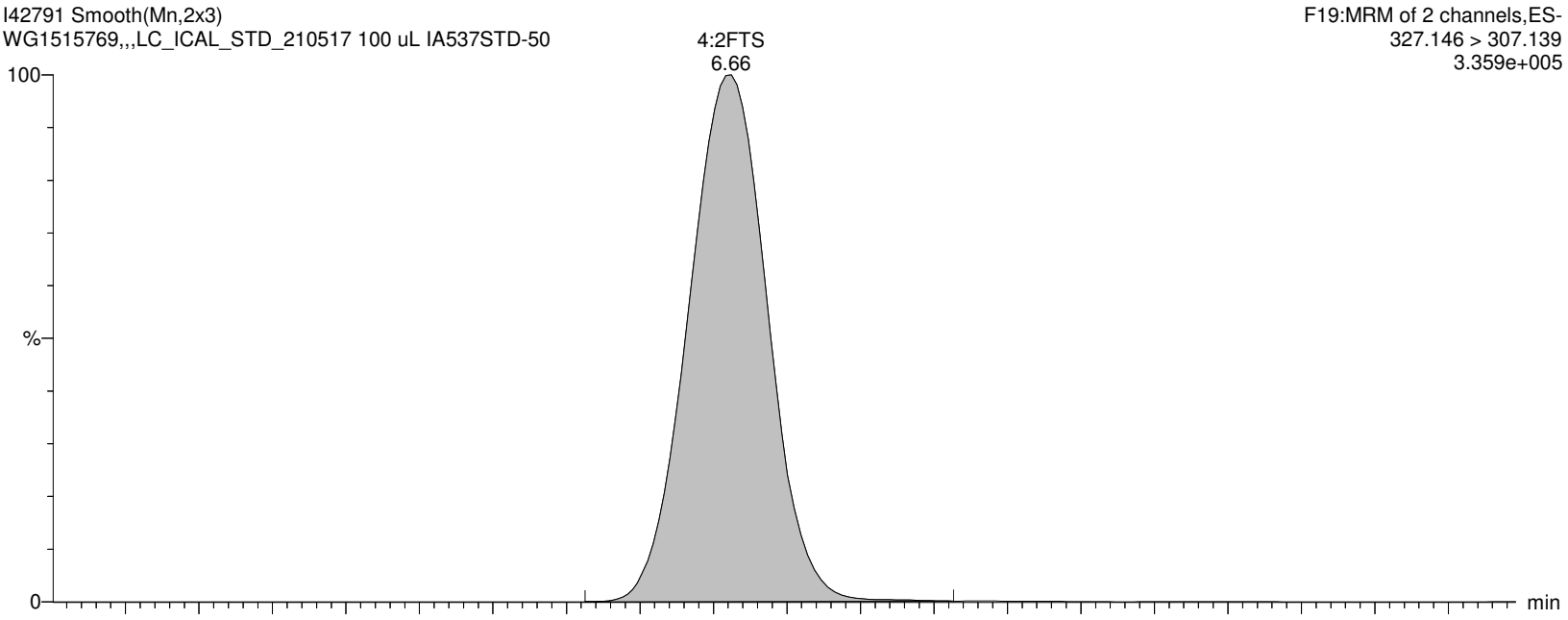


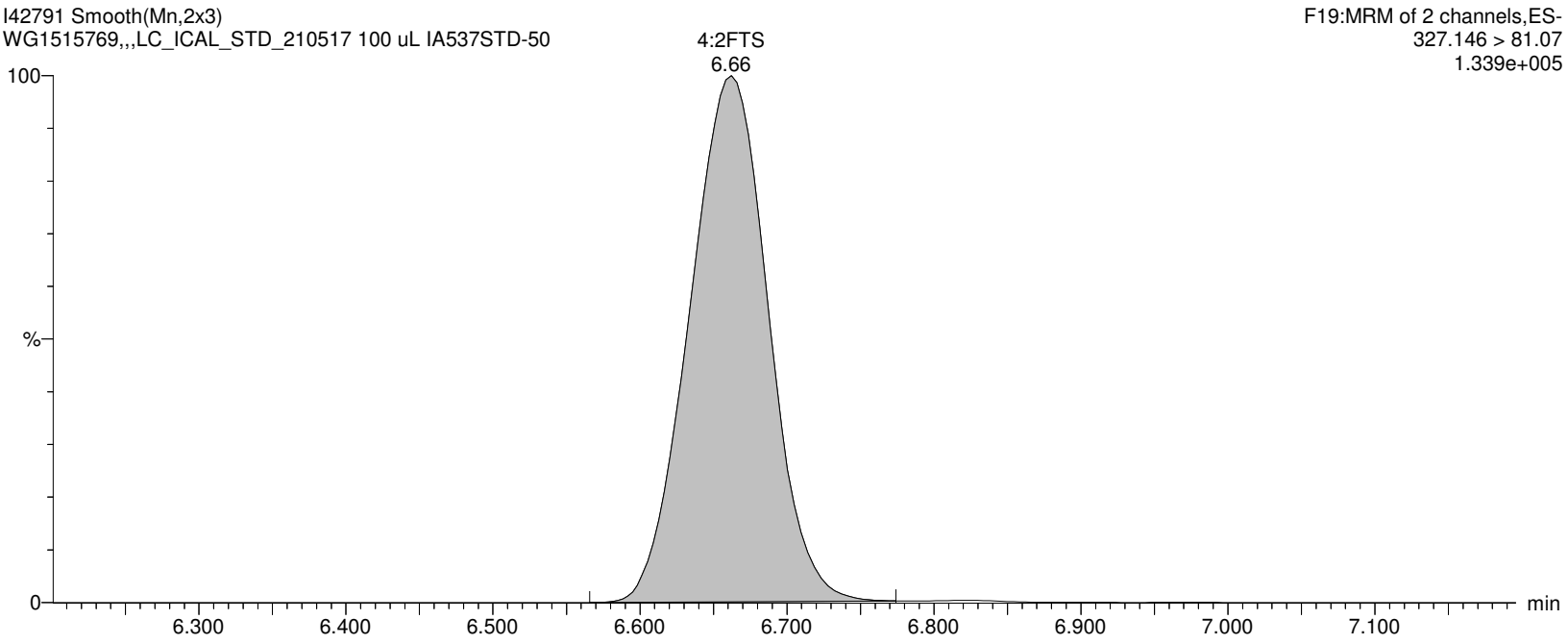
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

4:2FTS



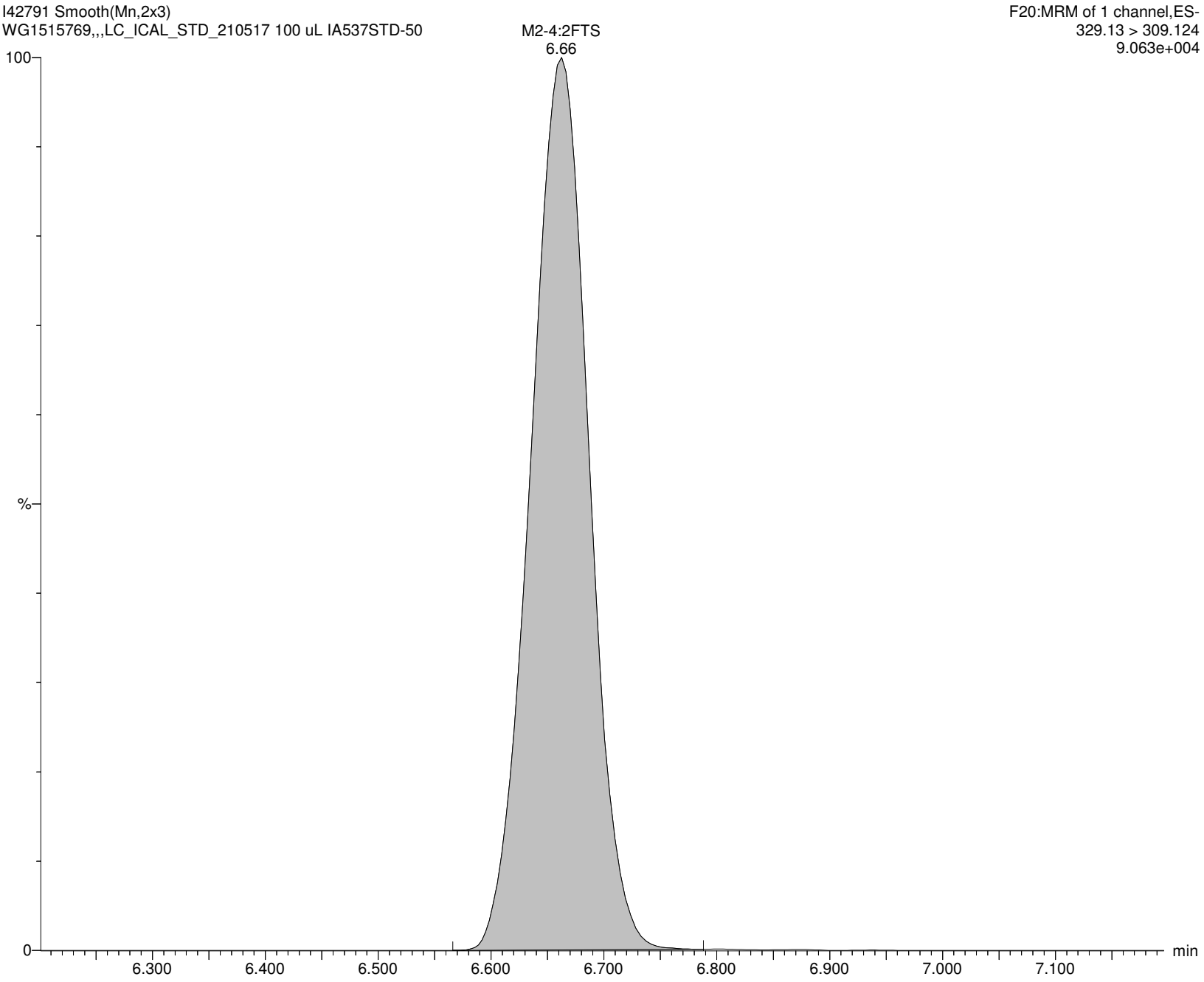


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-4:2FTS

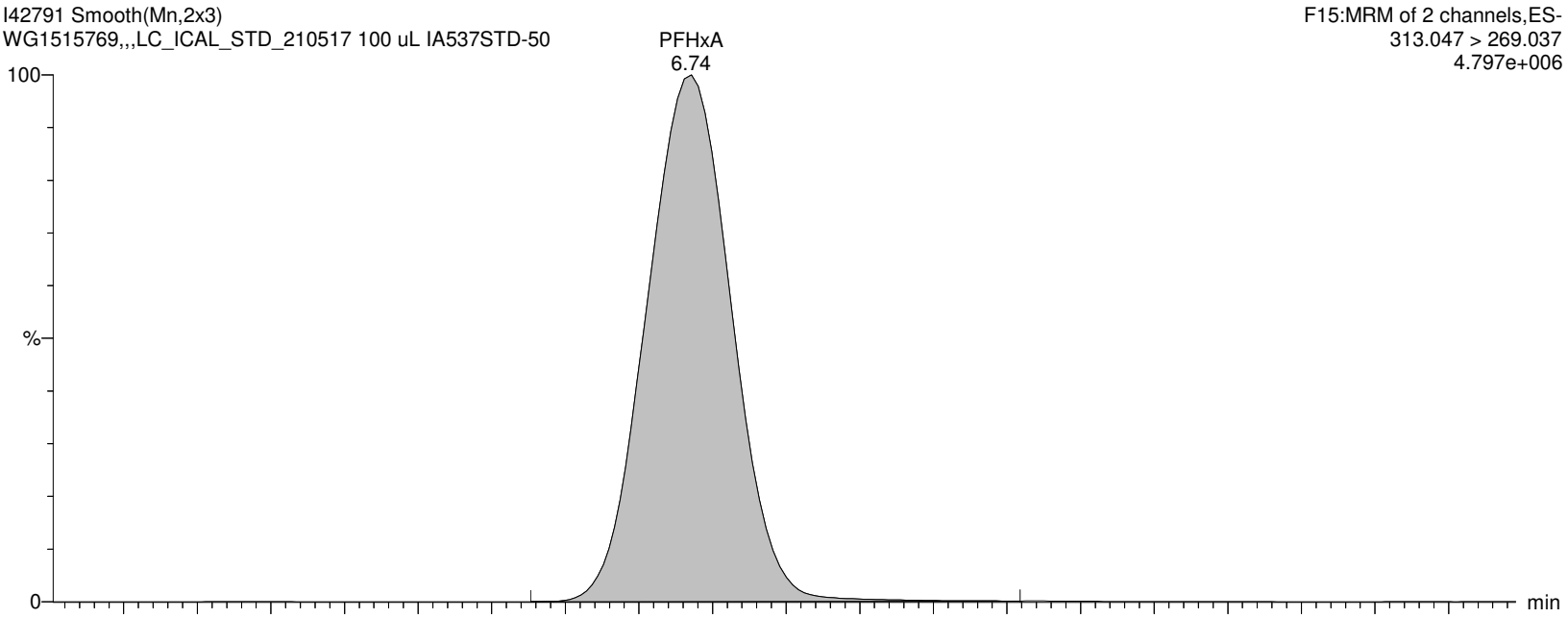


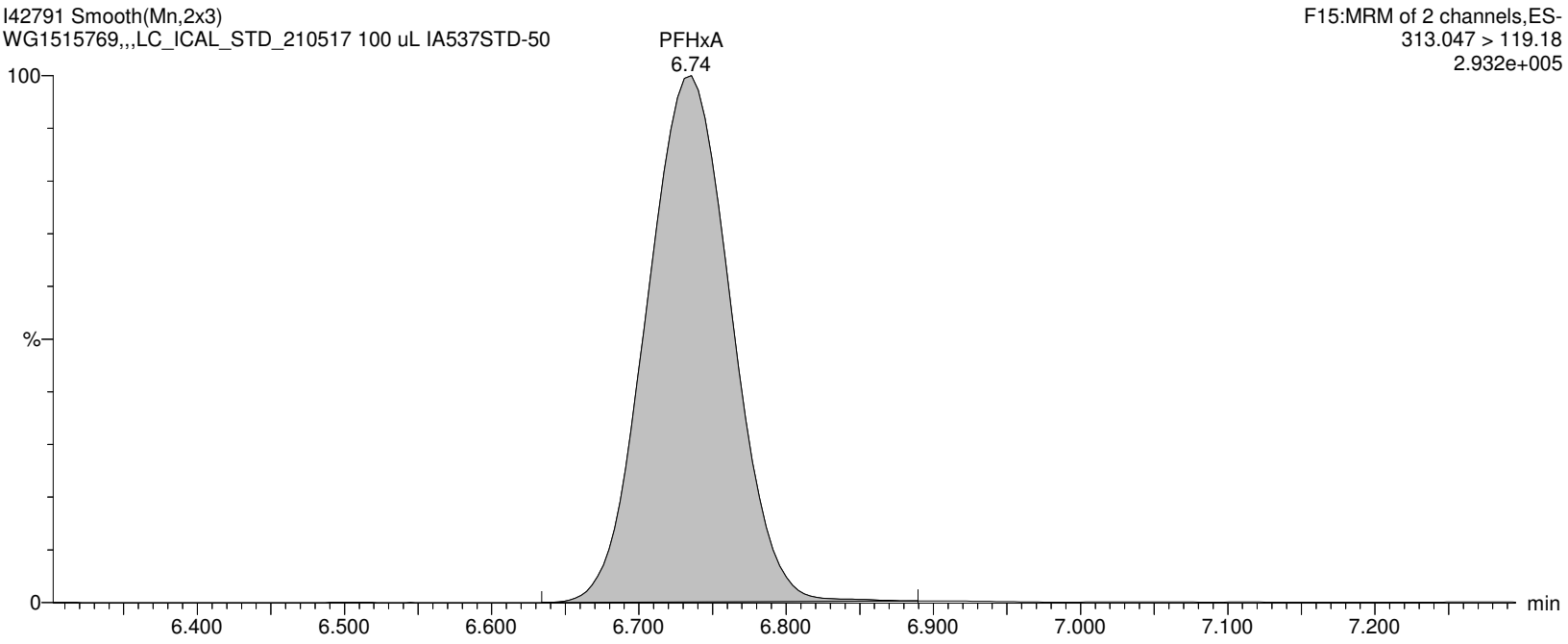
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxA



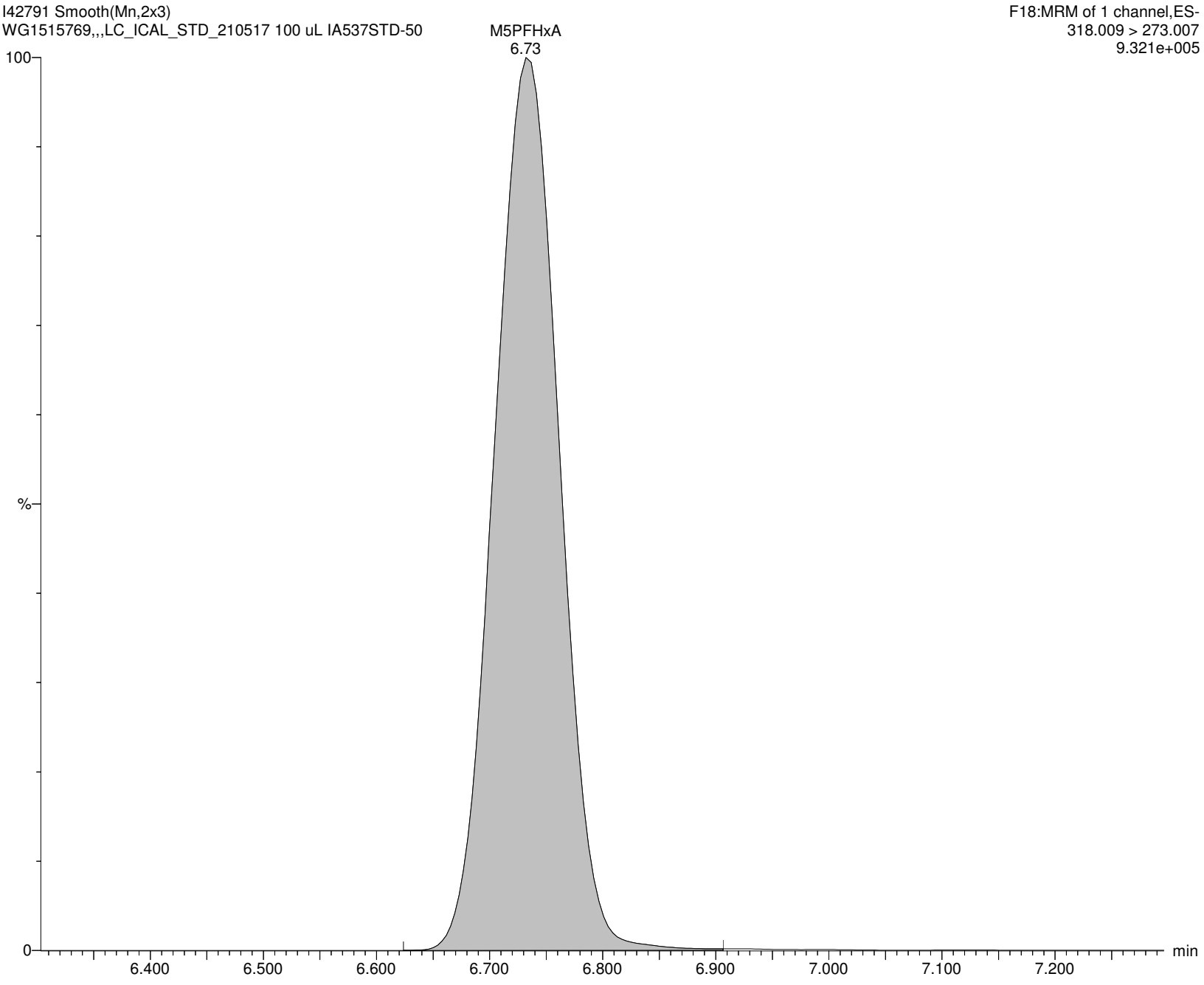


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFHxA

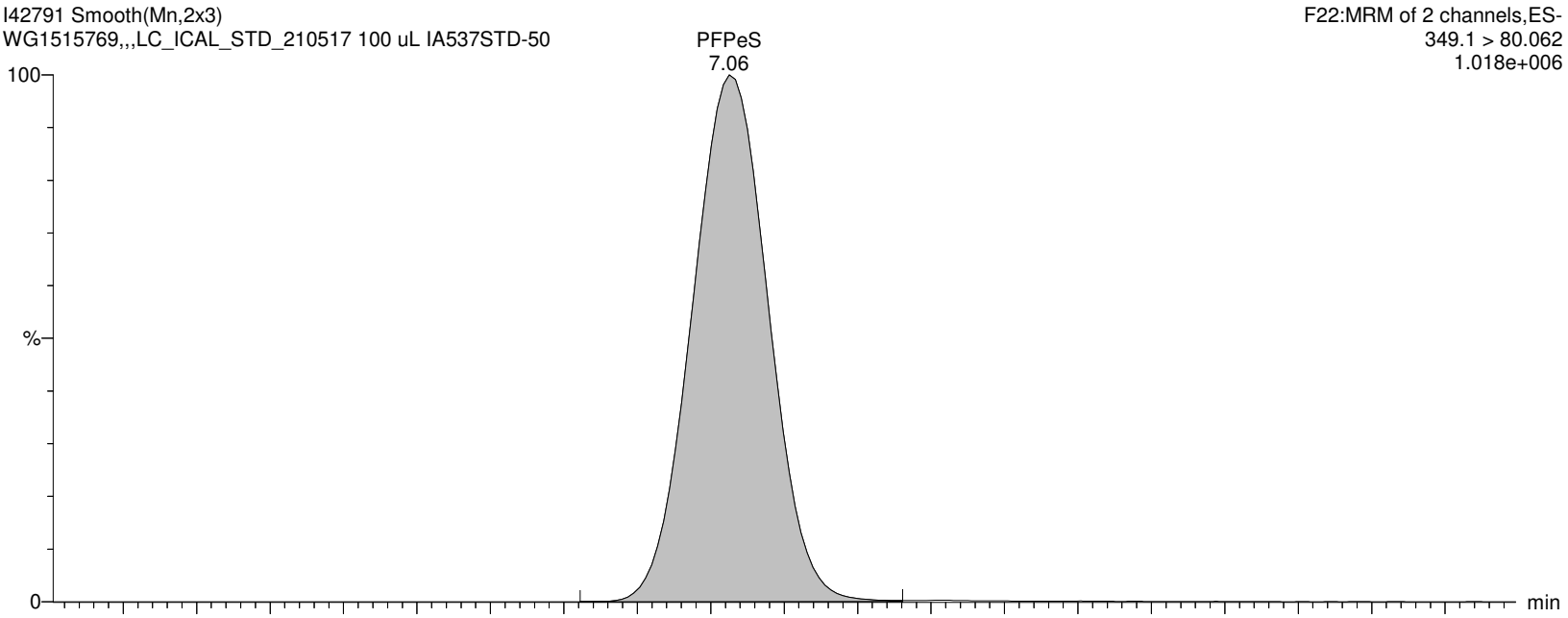


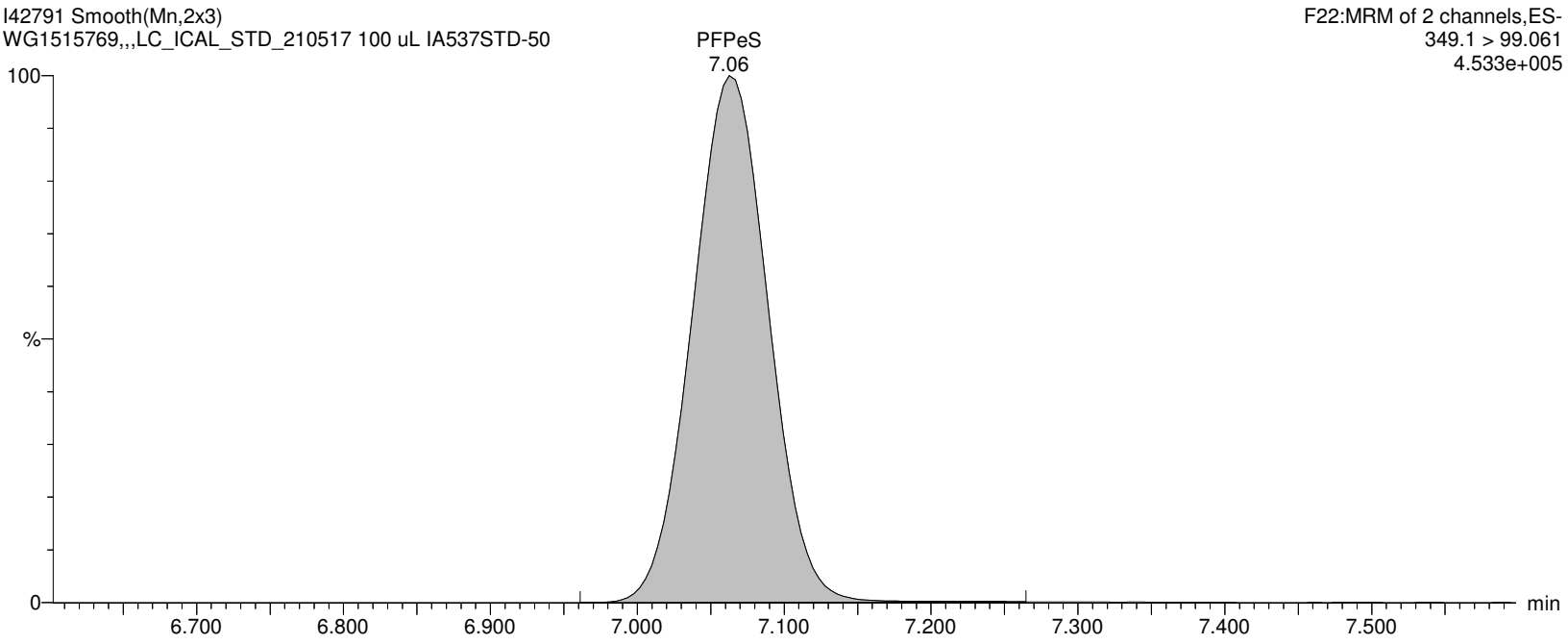
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeS



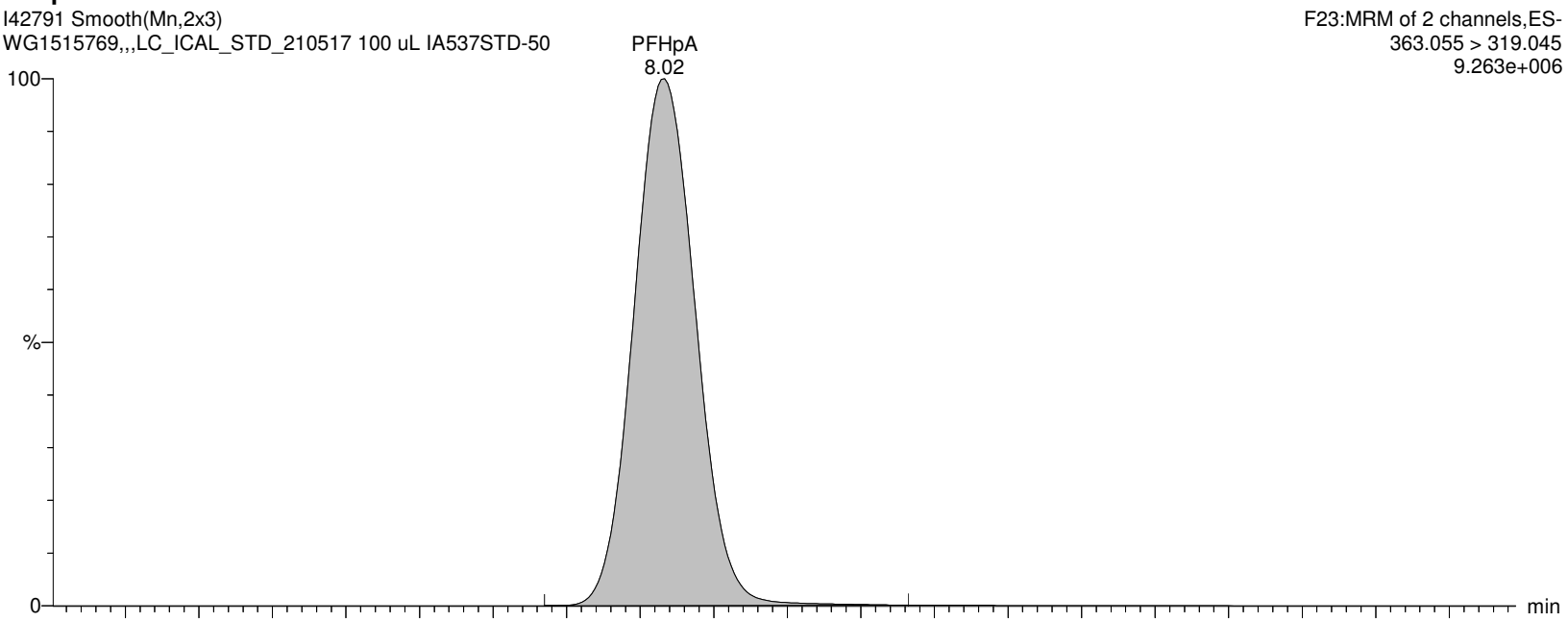


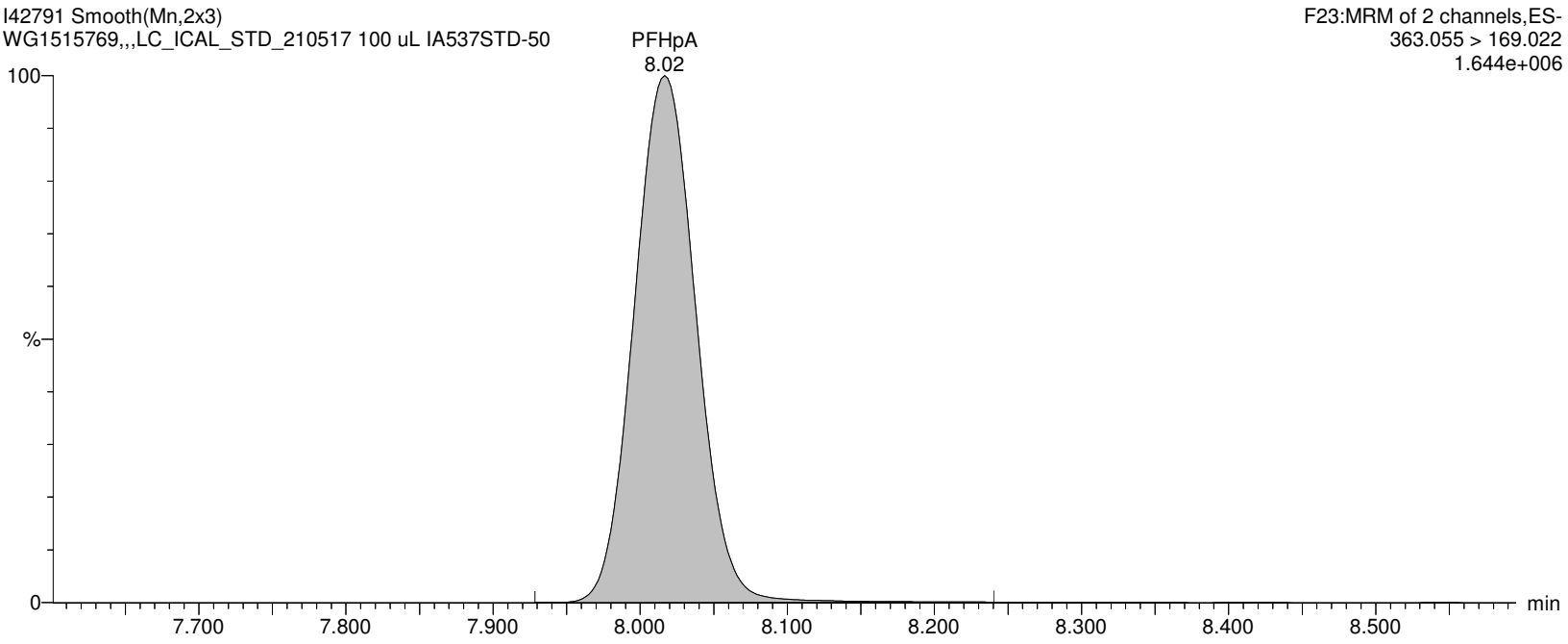
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpA



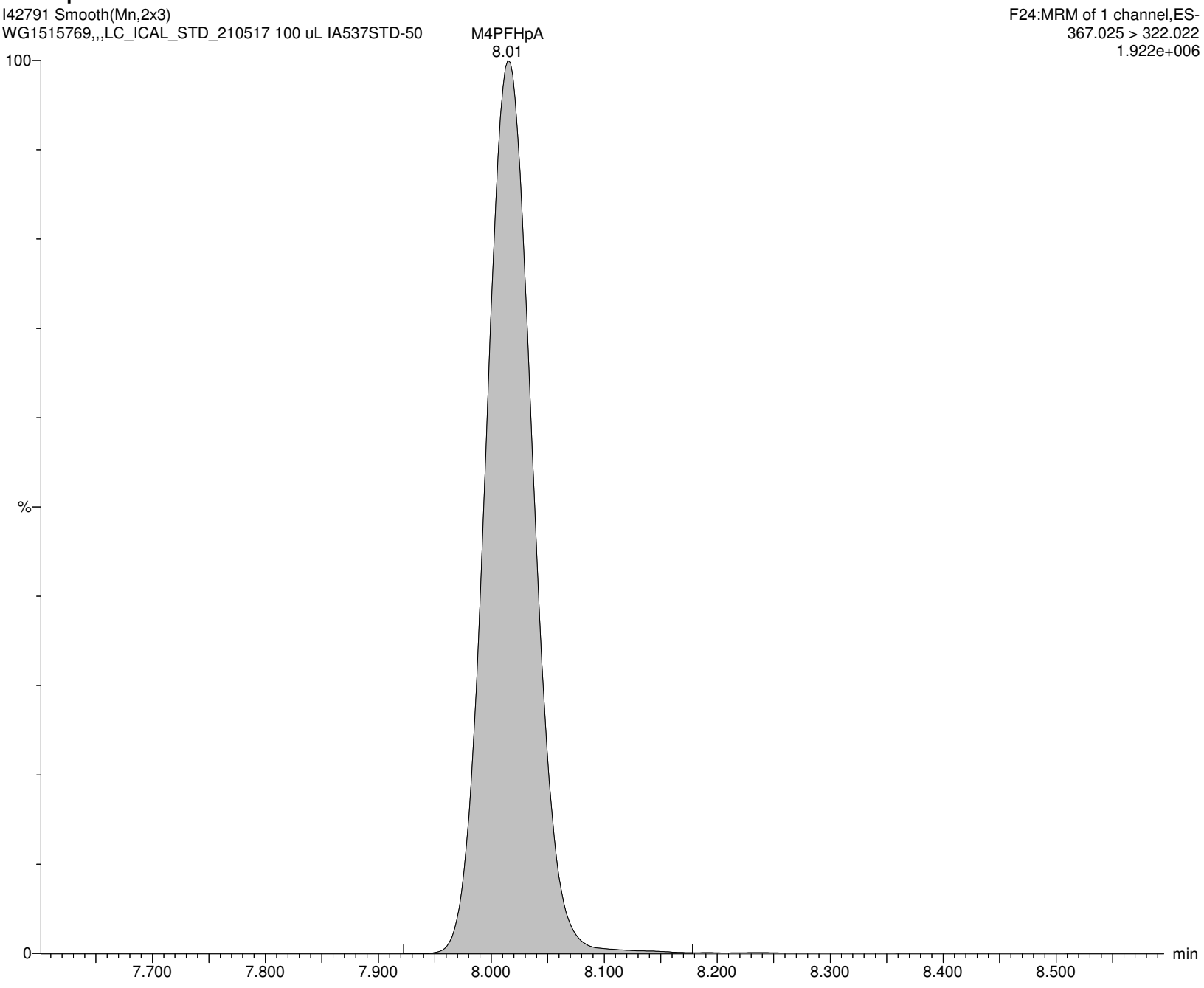


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFHpA

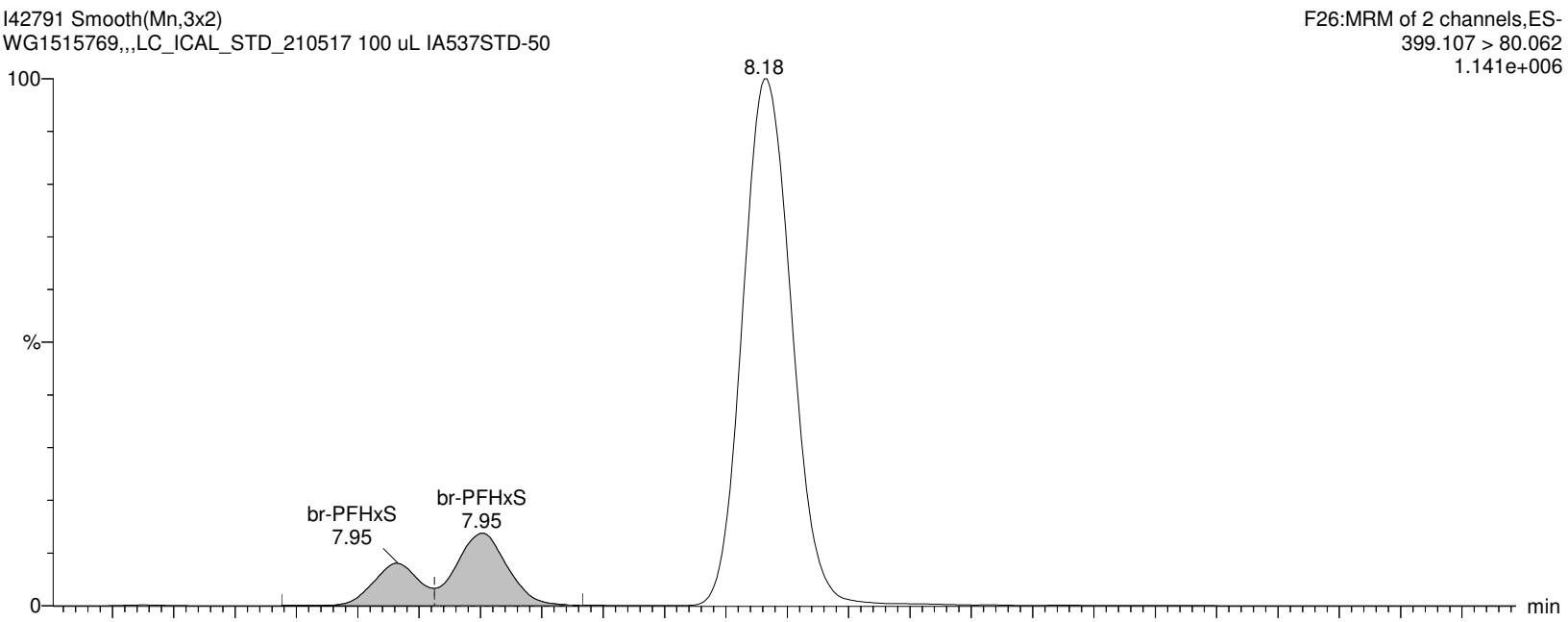


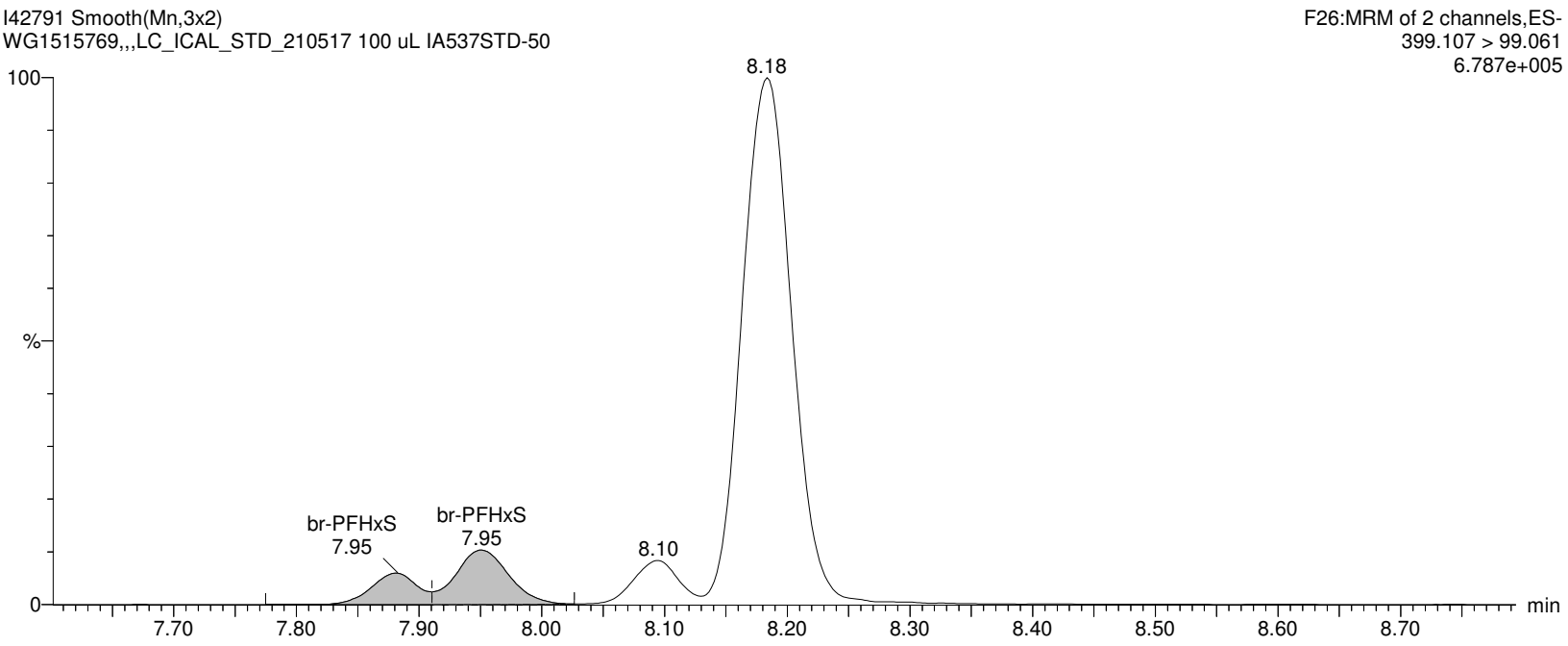
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFHxS



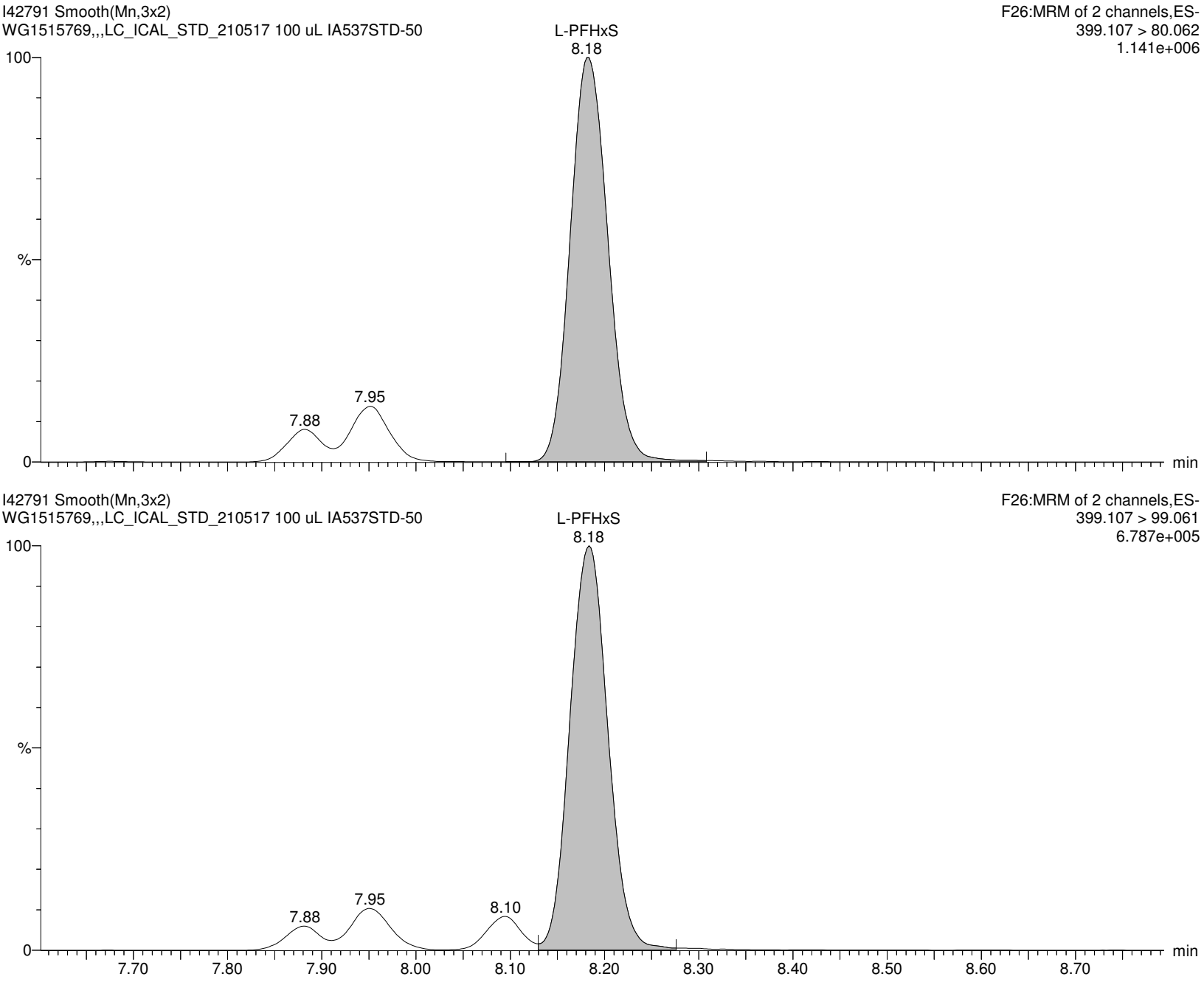


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFHxS

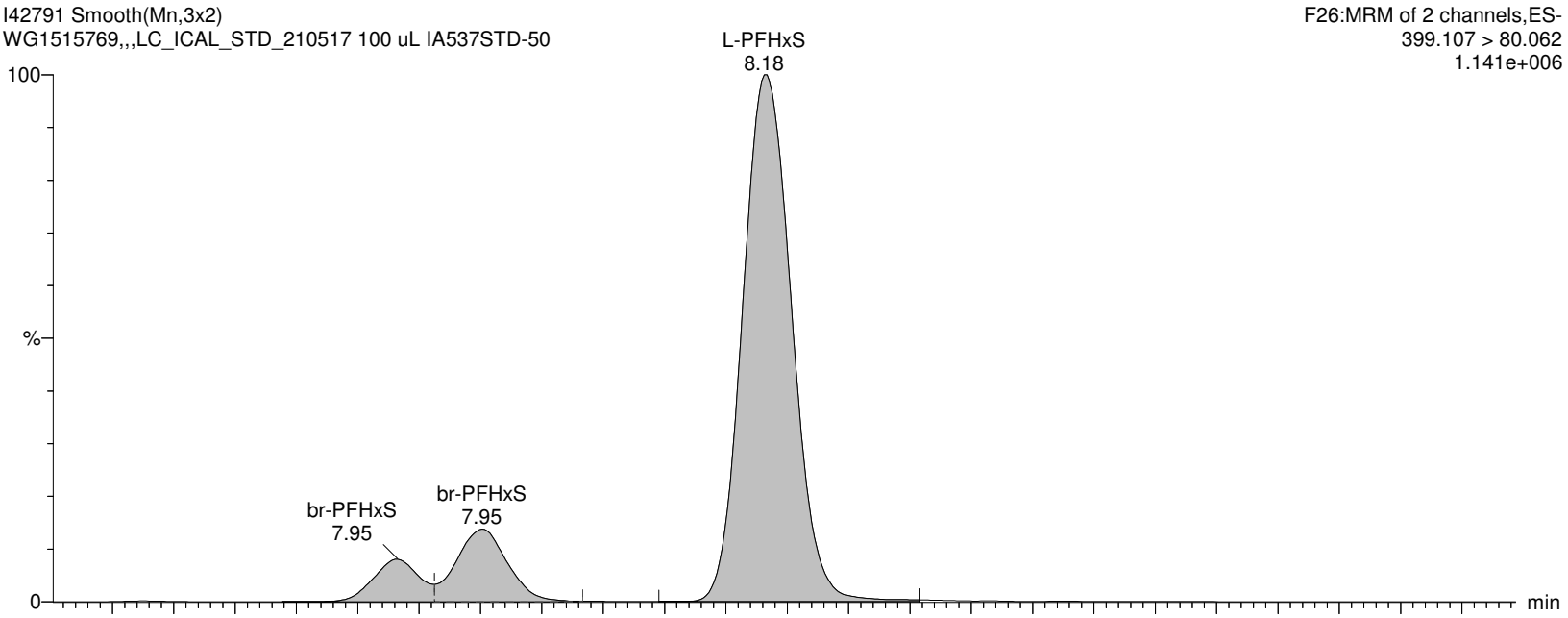


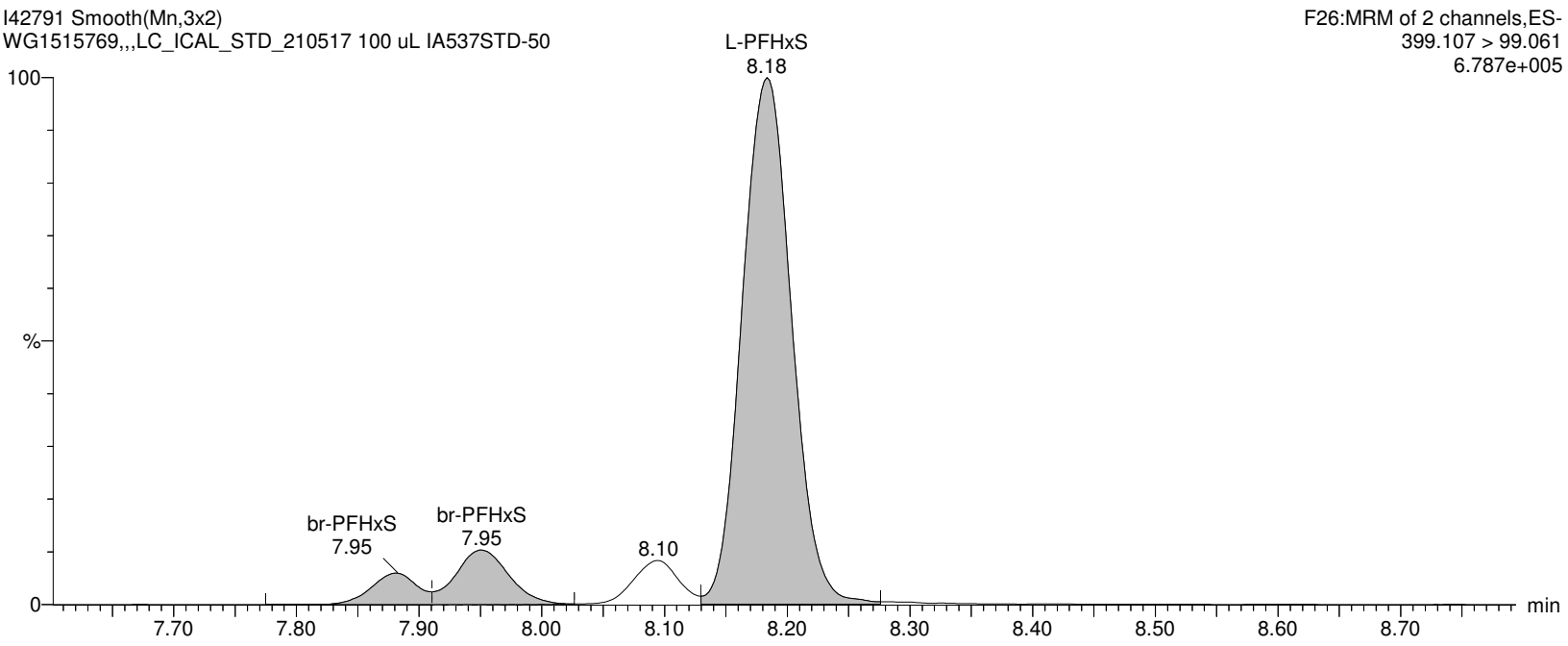
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxS



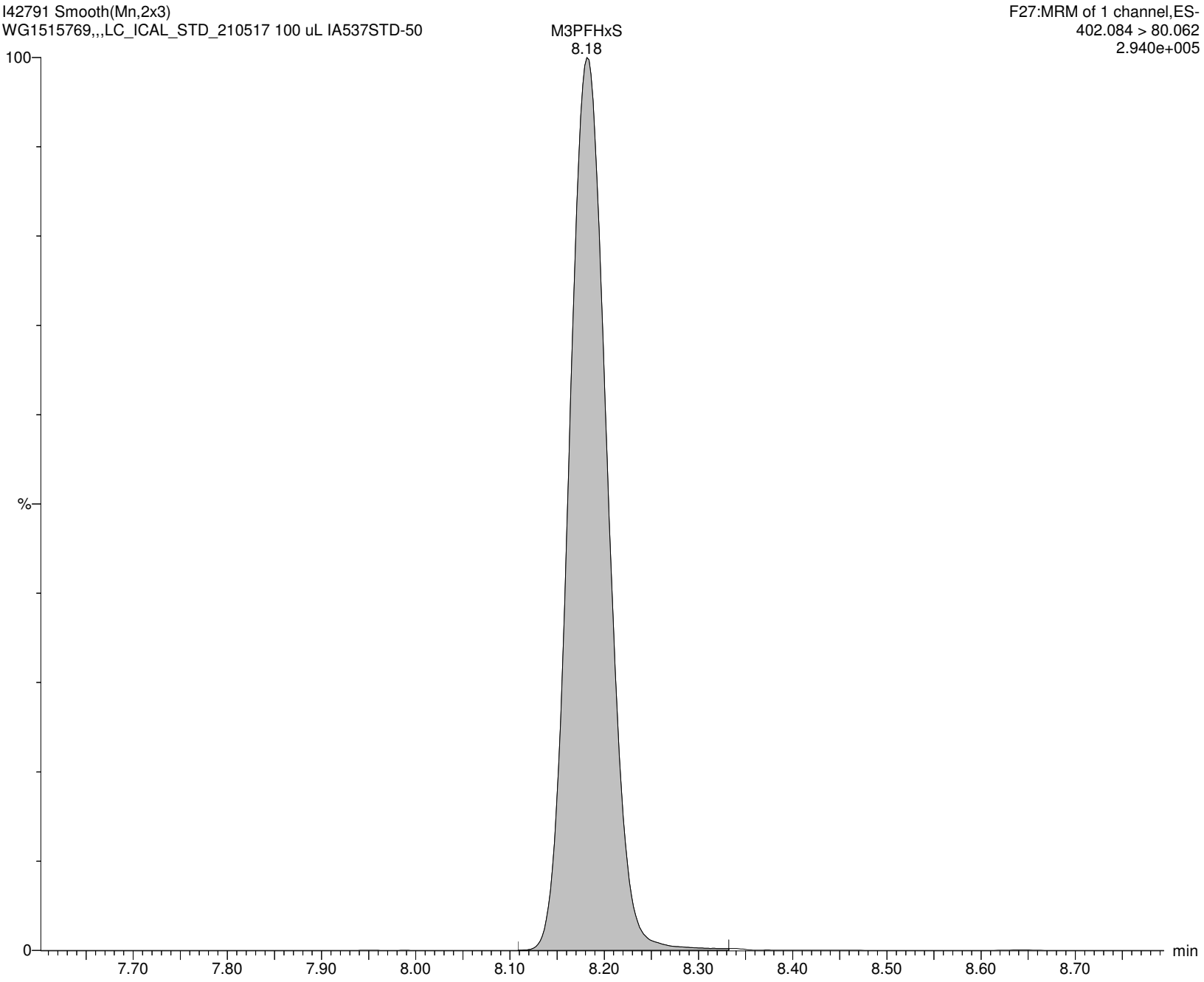


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFHxS

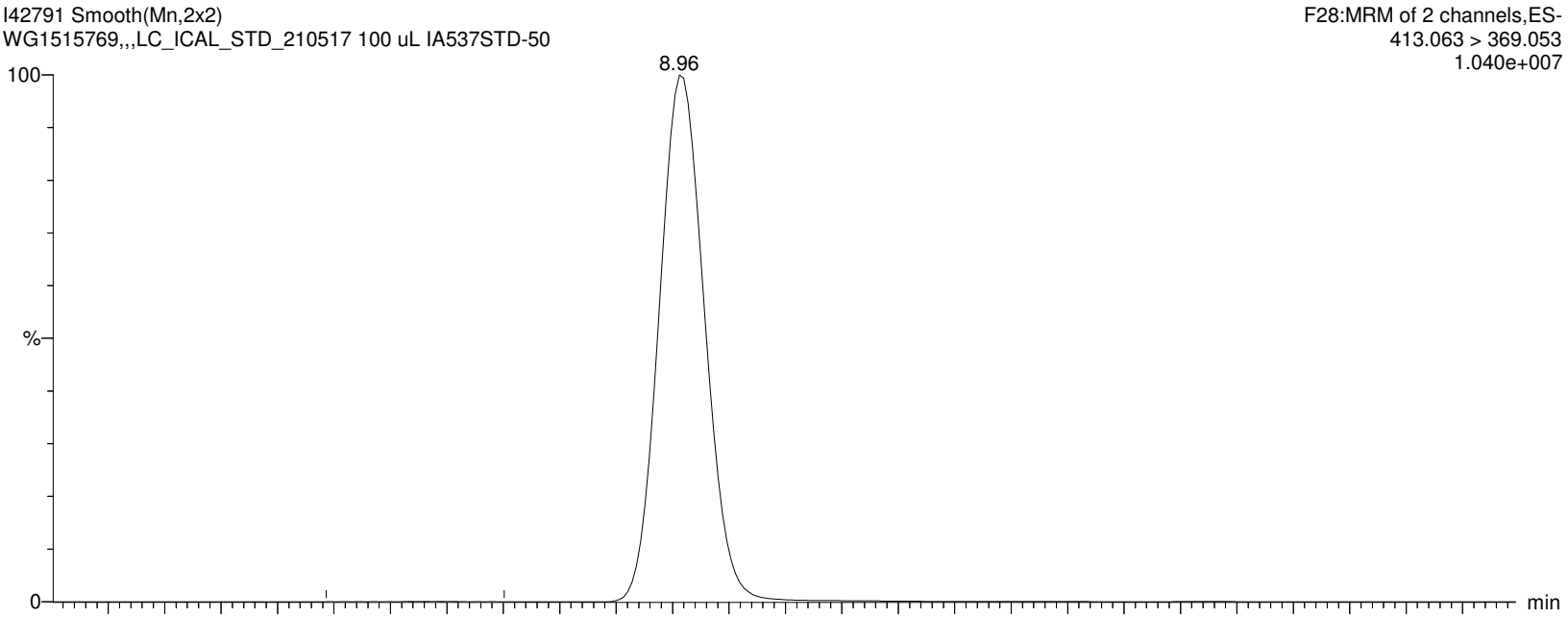


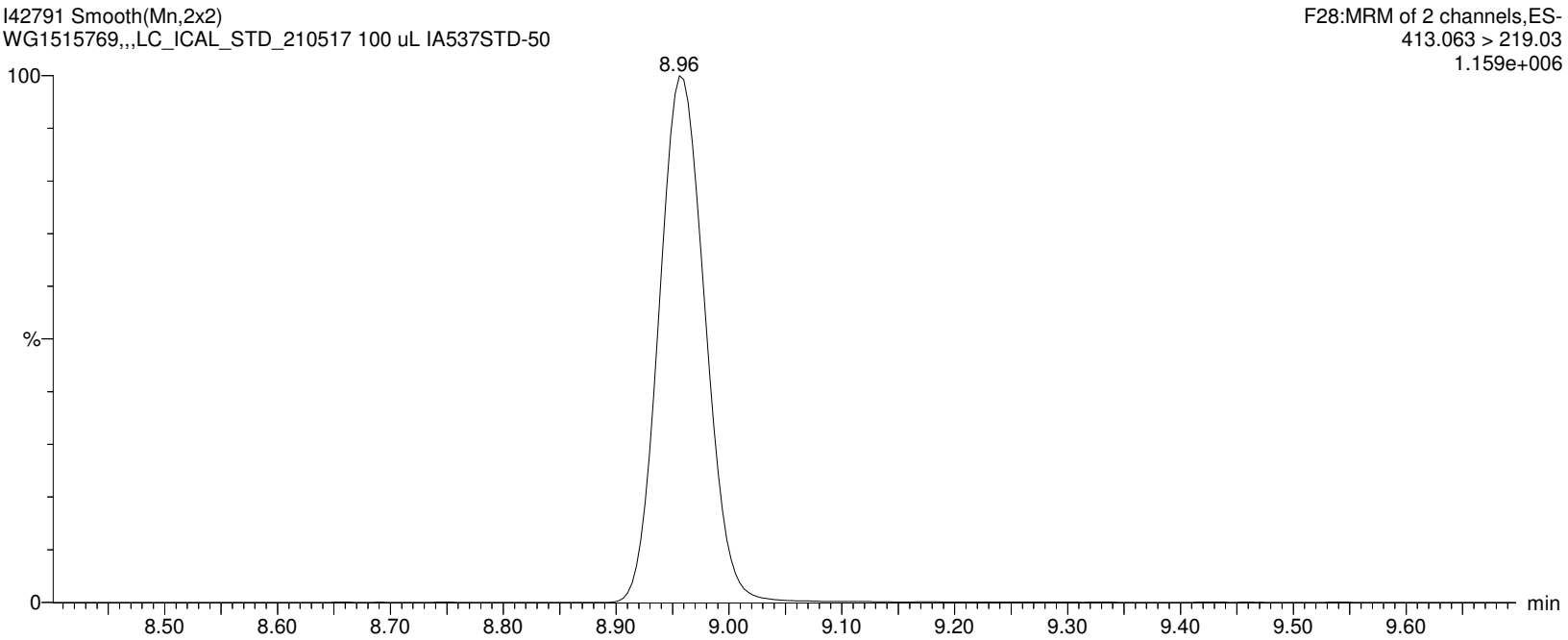
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOA



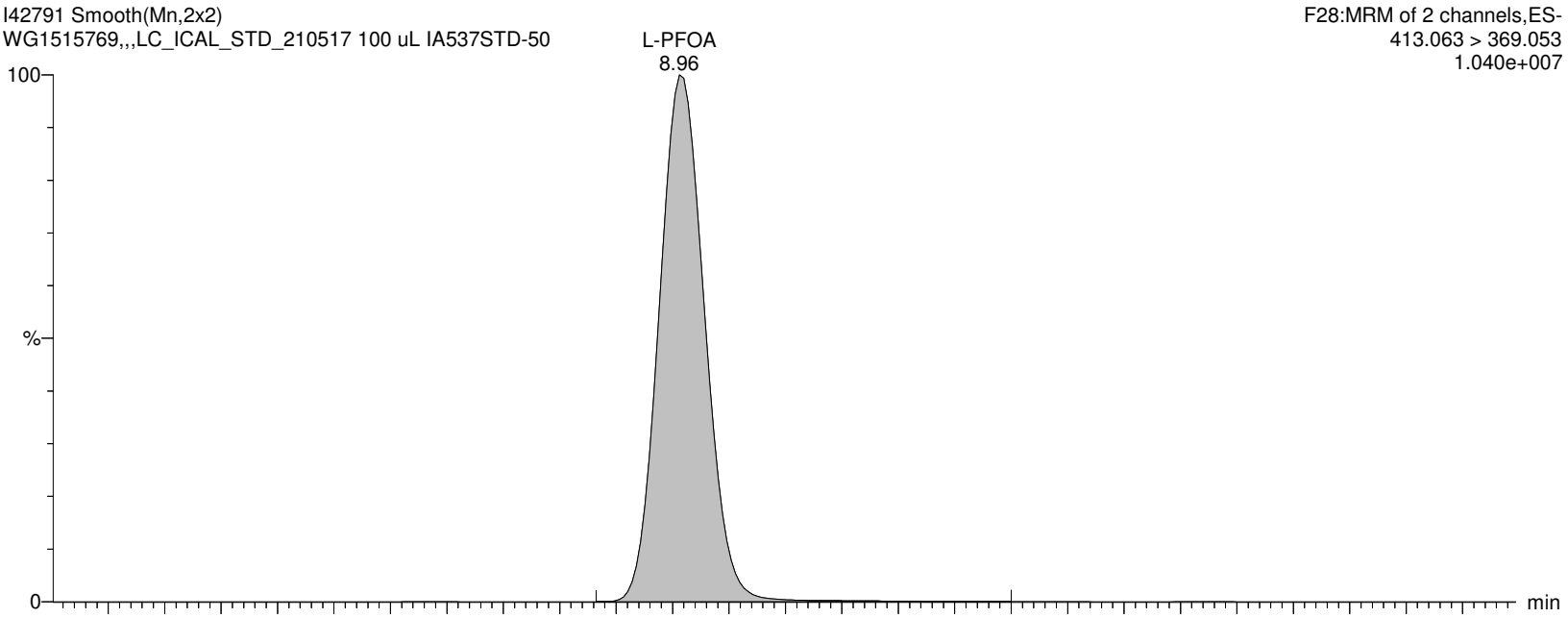


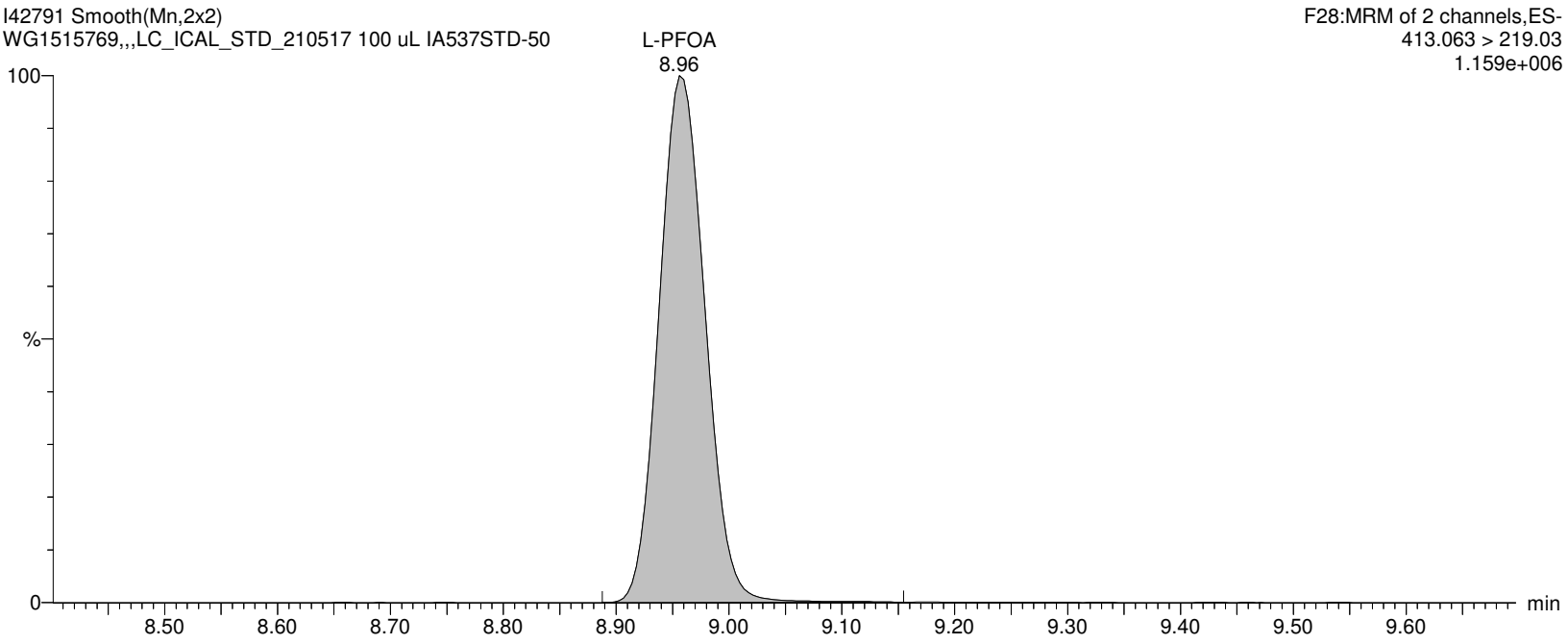
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOA



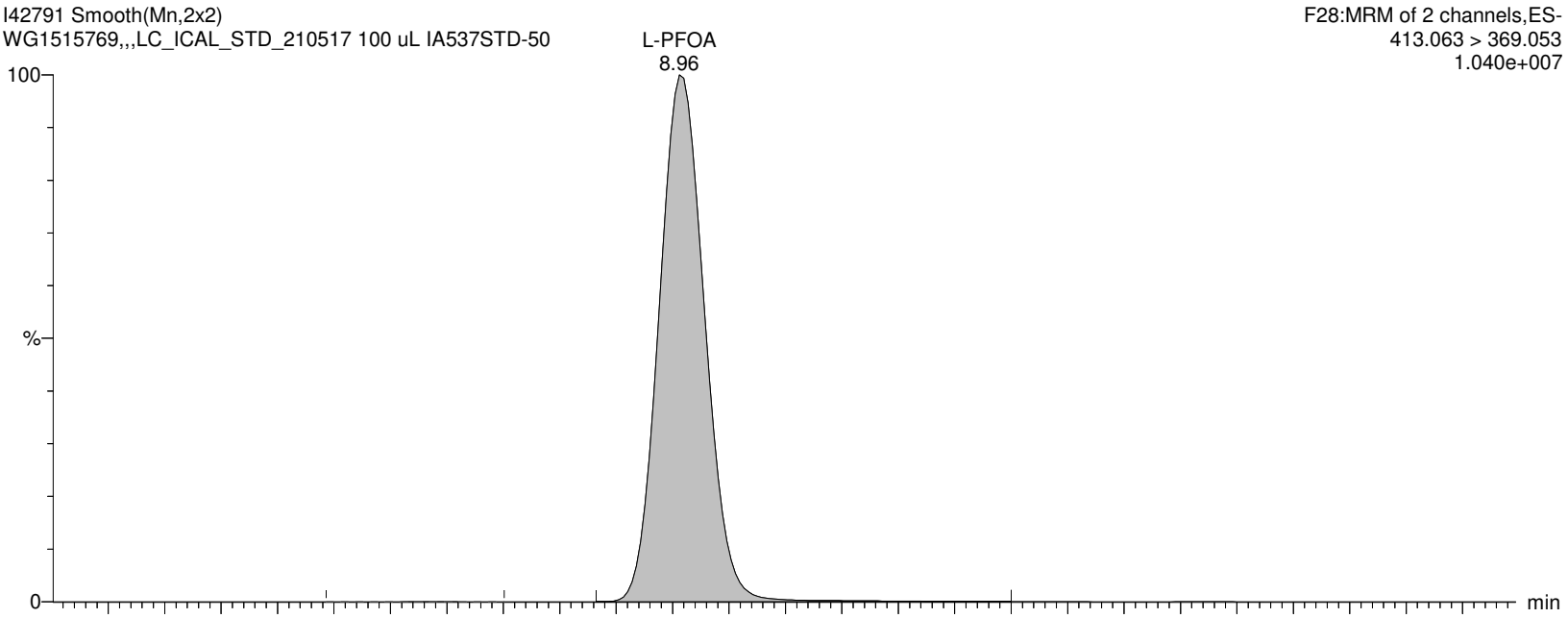


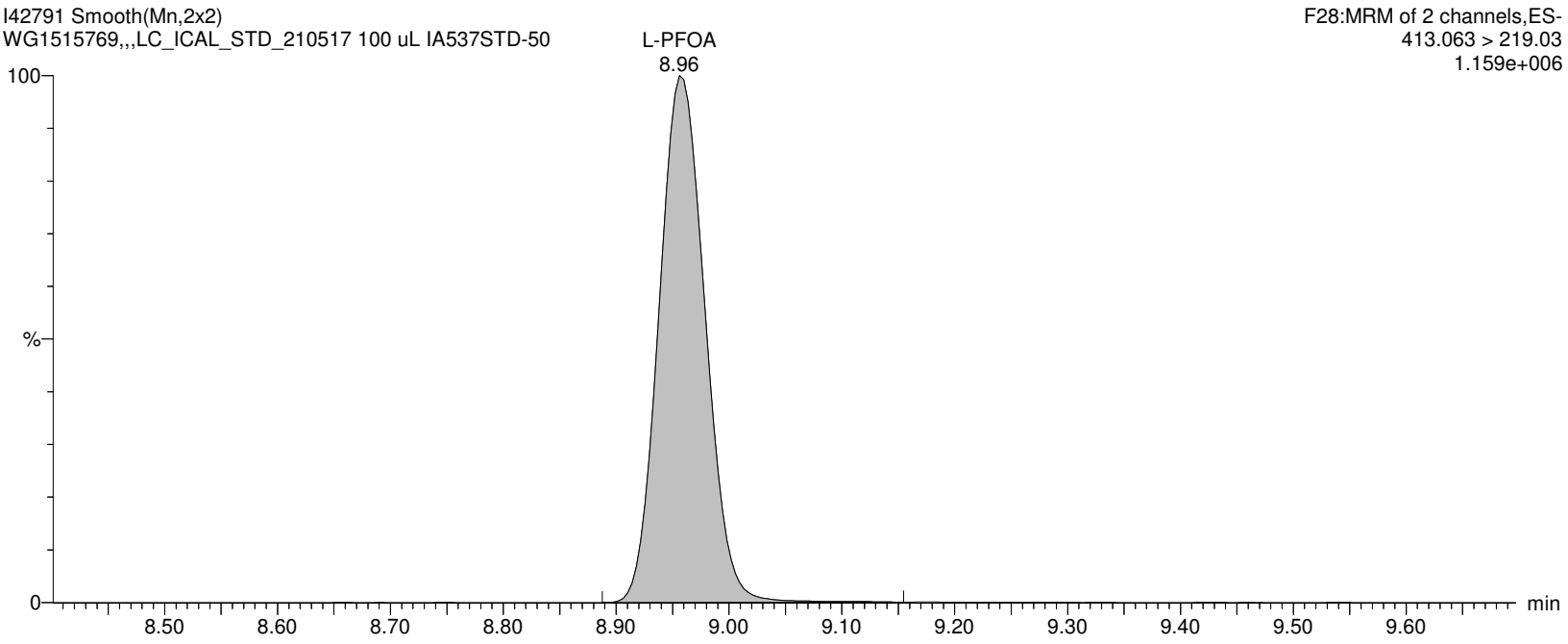
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOA



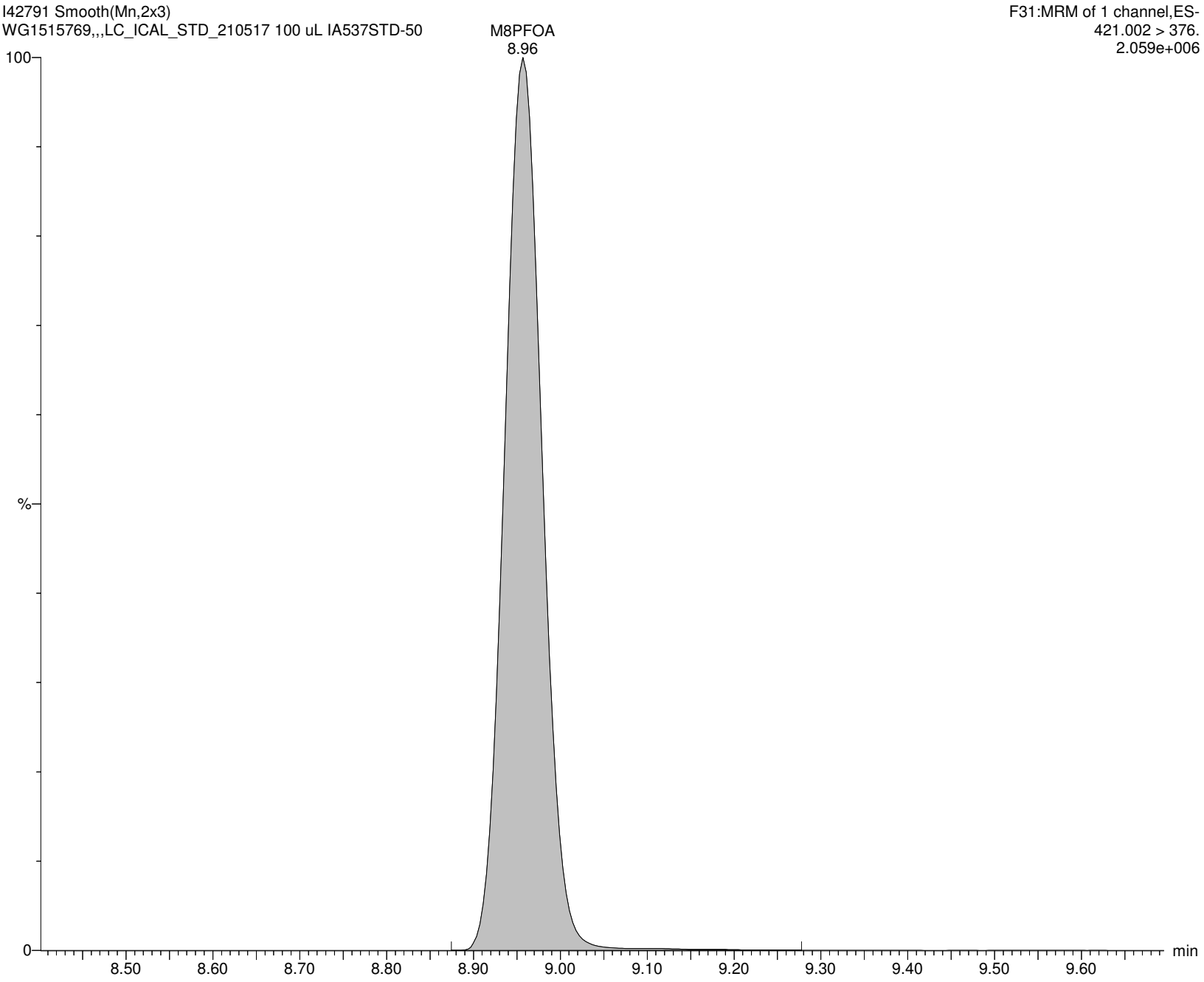


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOA

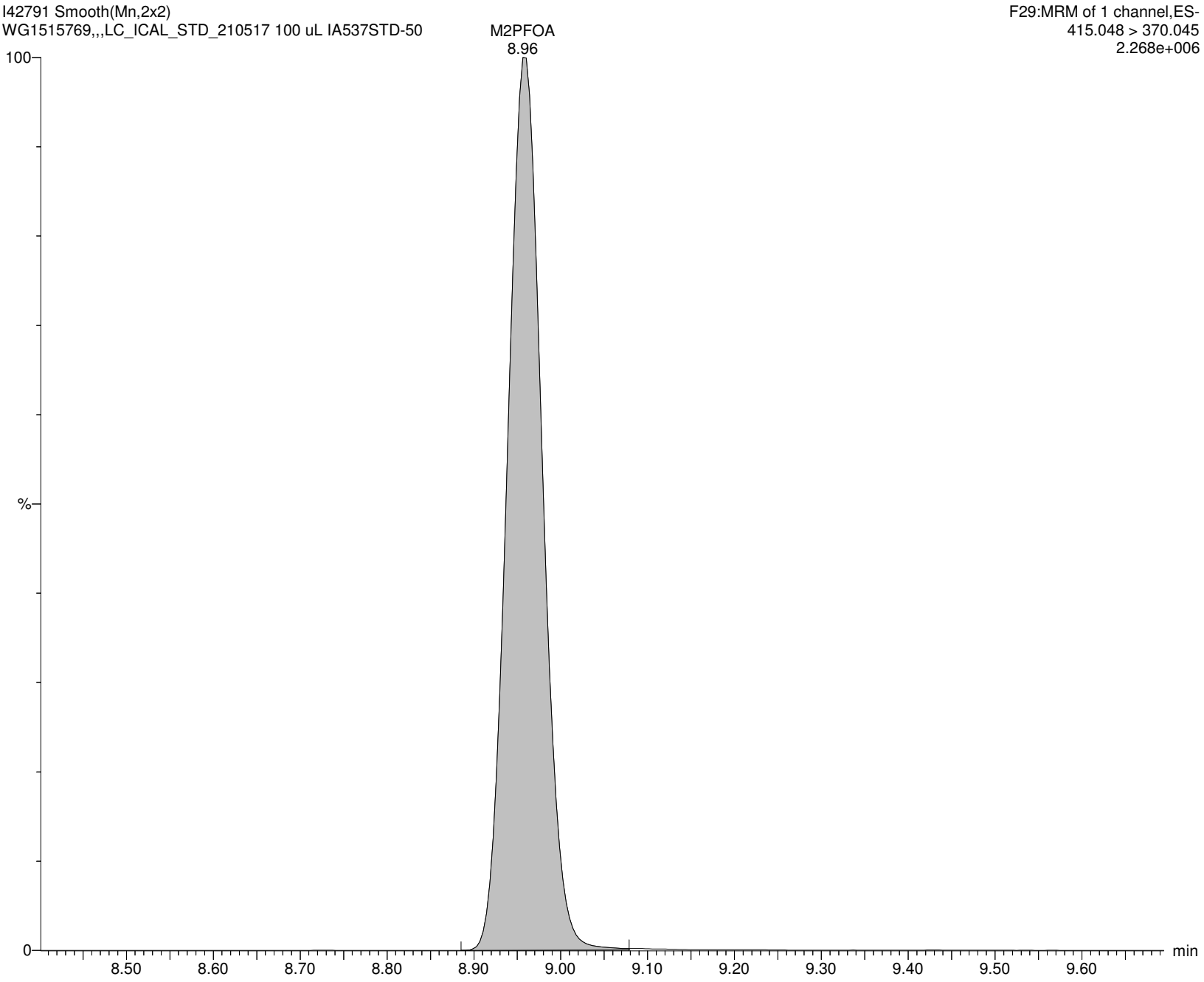


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFOA

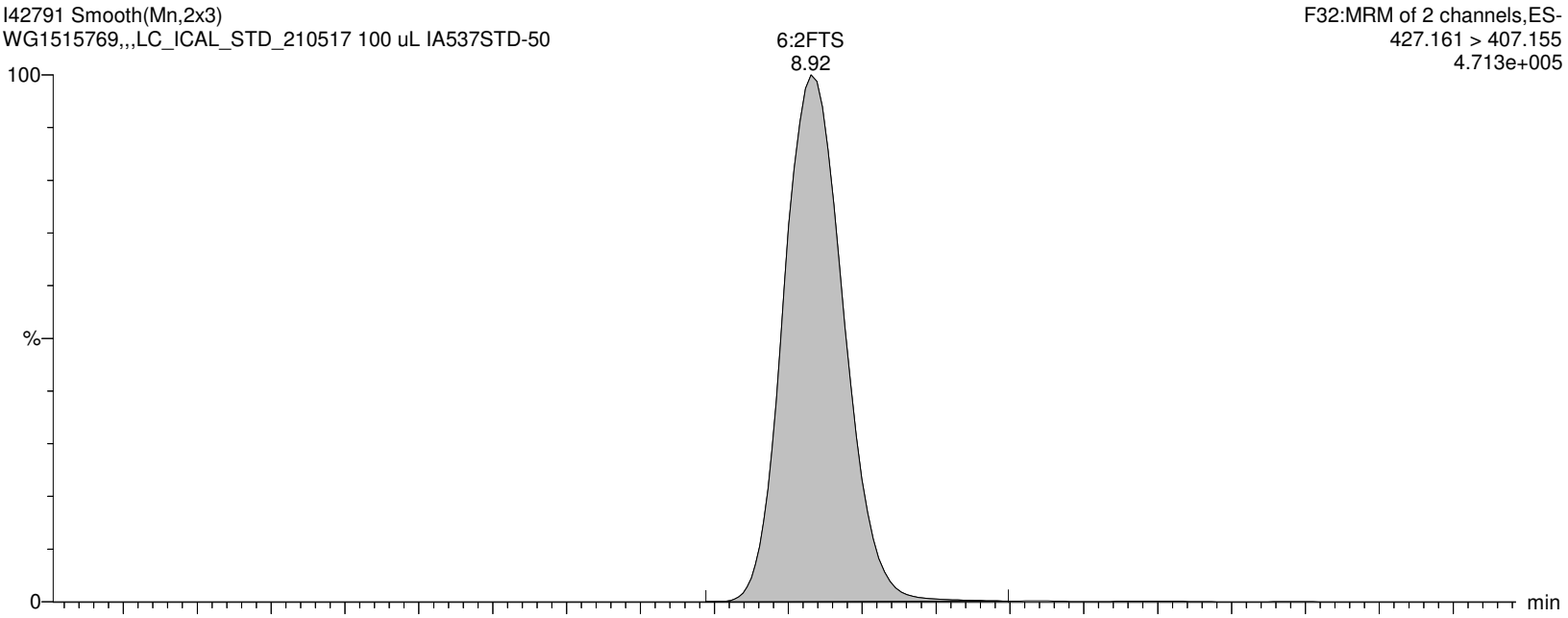


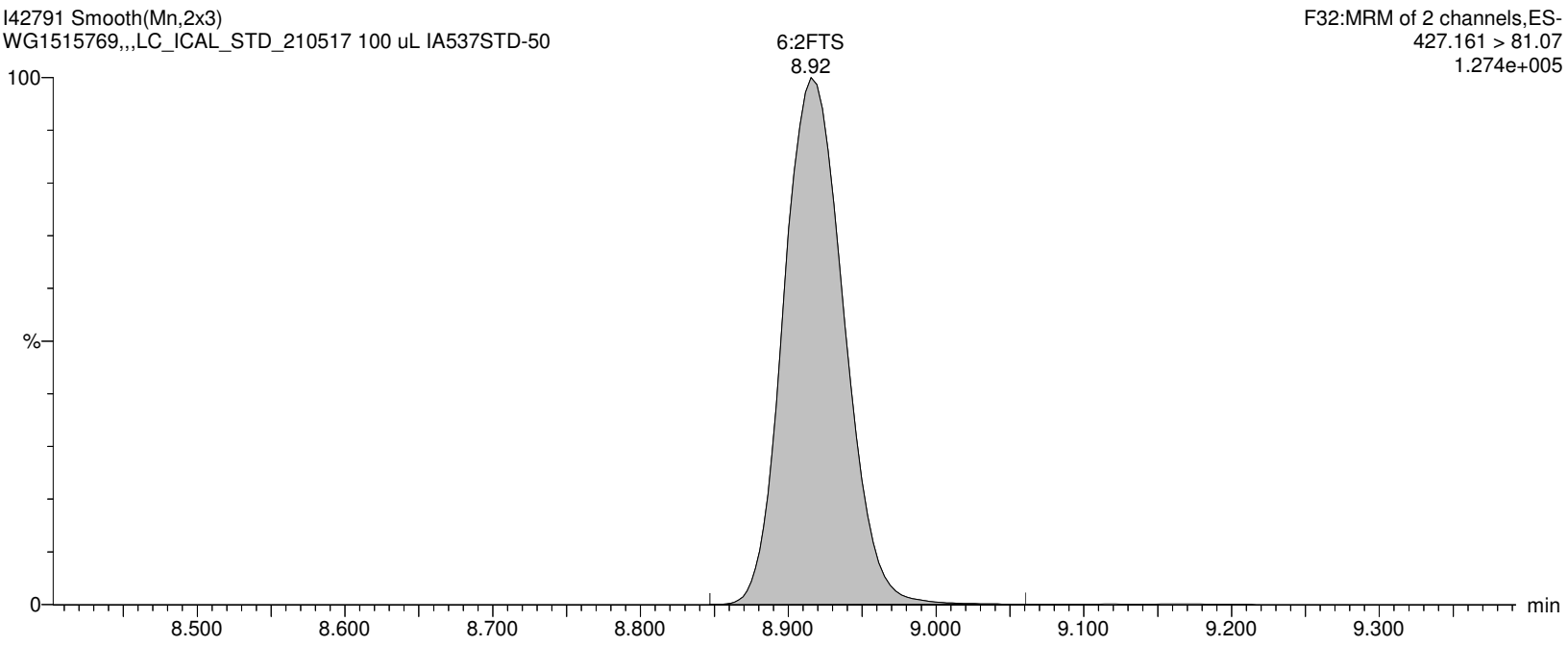
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

6:2FTS



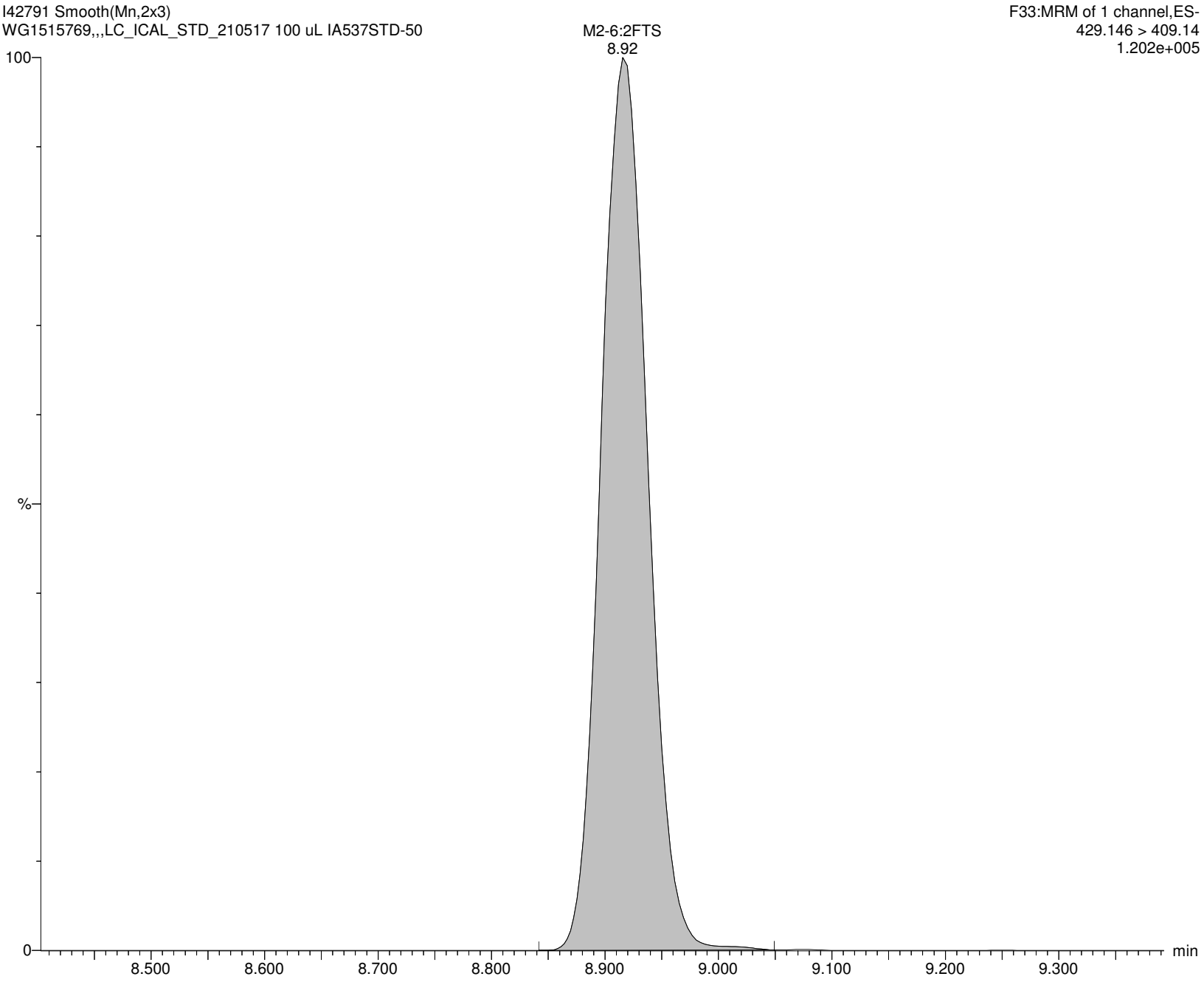


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-6:2FTS

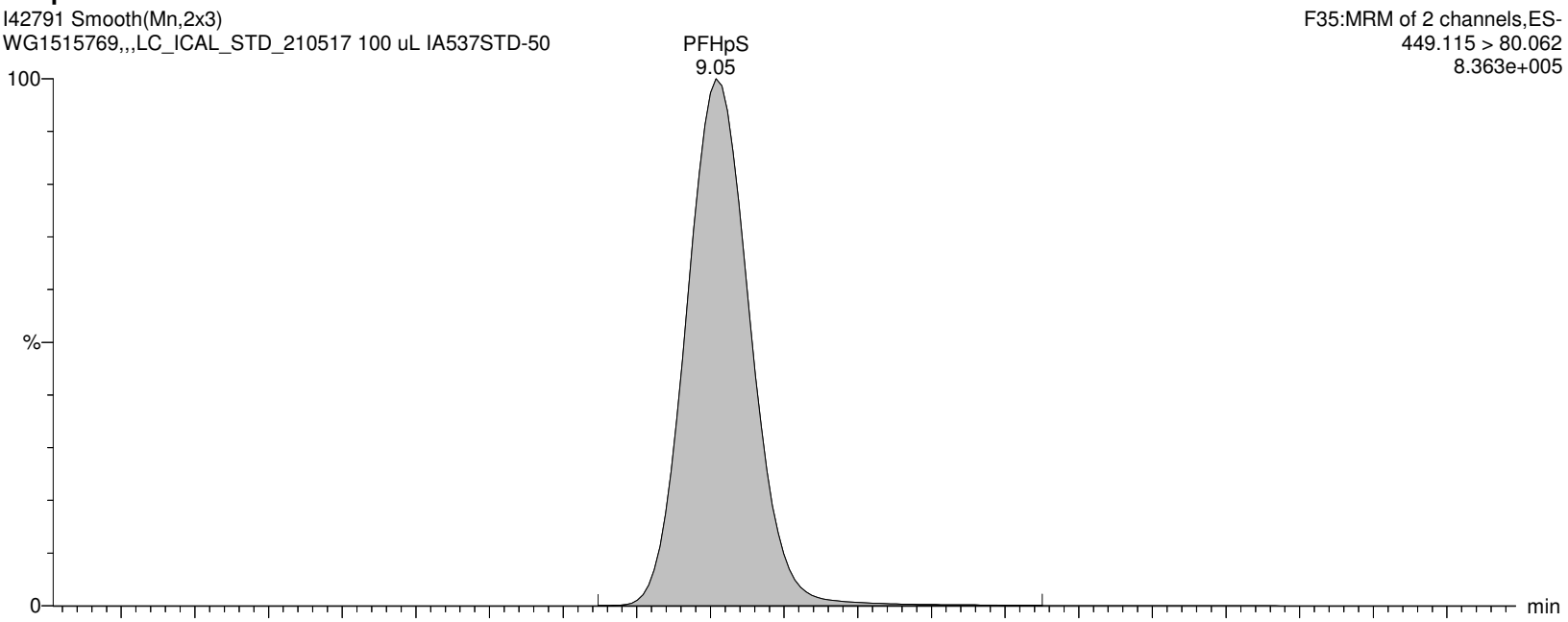


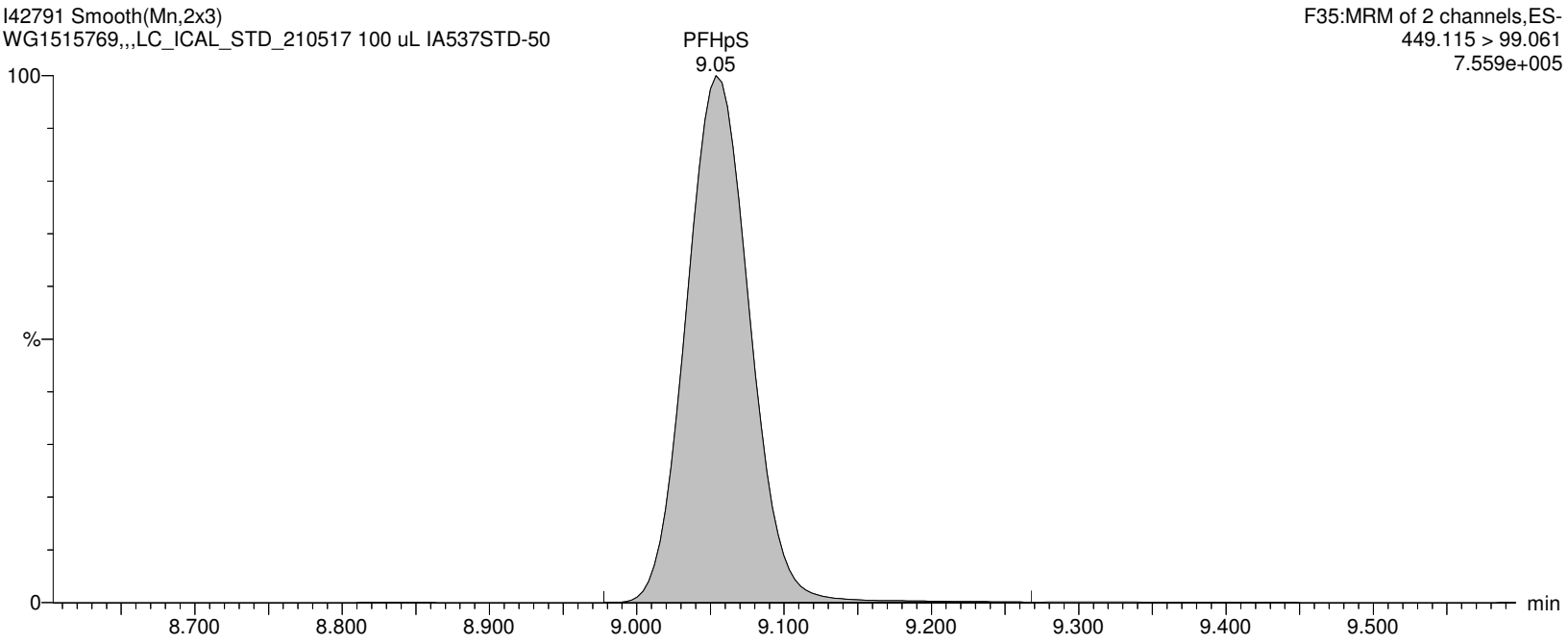
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpS



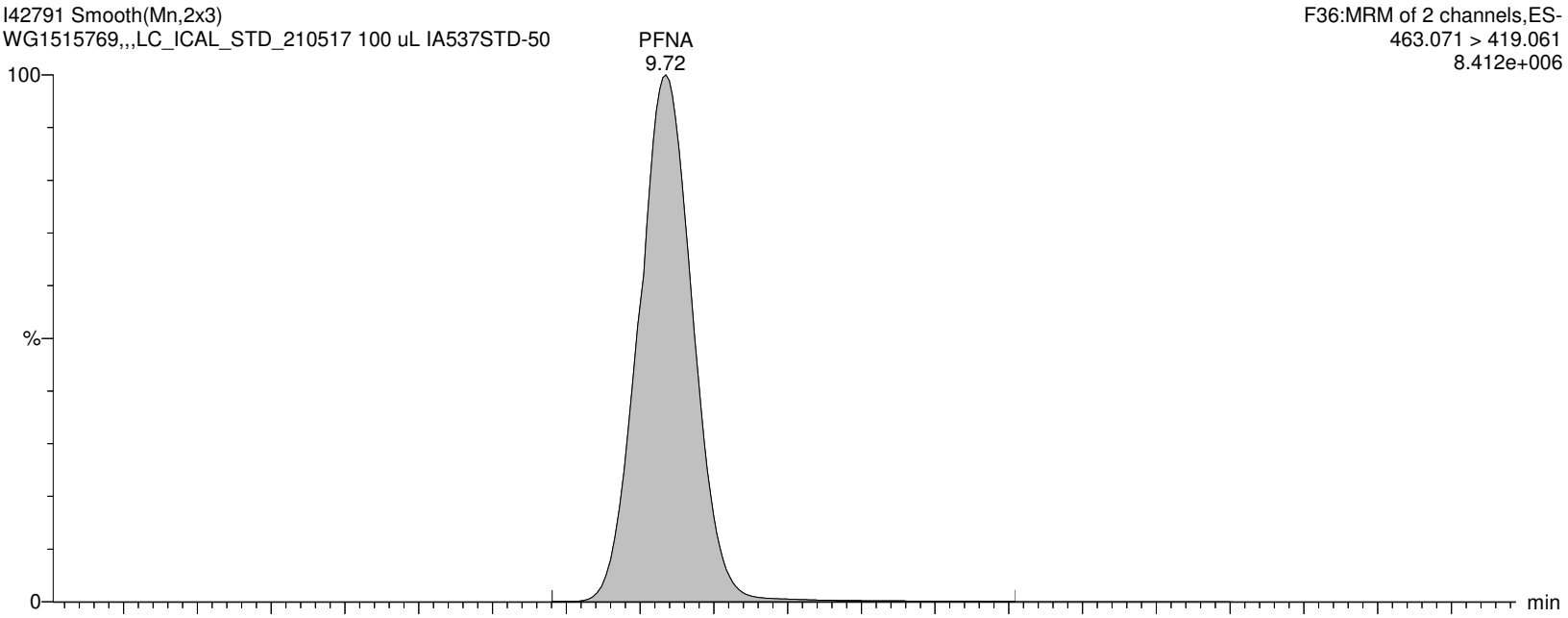


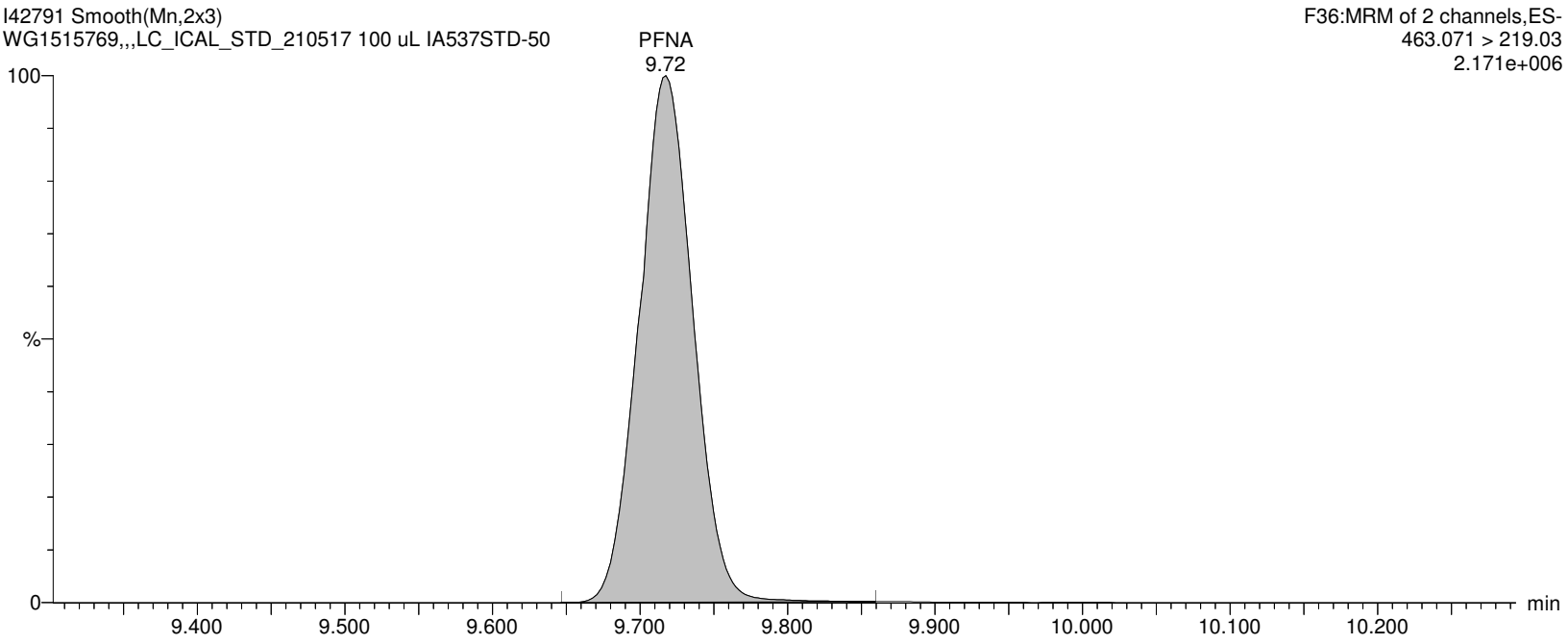
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNA



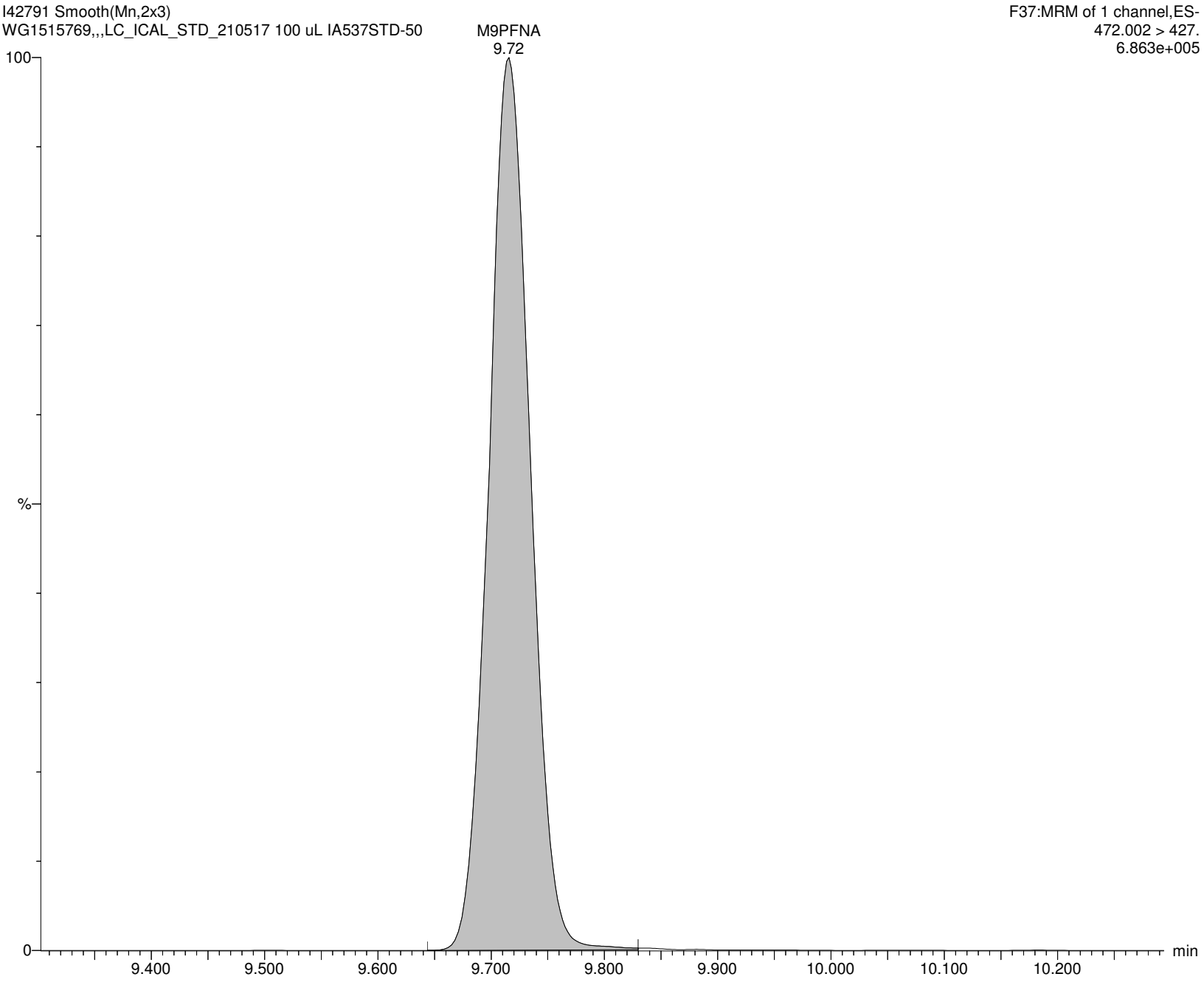


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M9PFNA

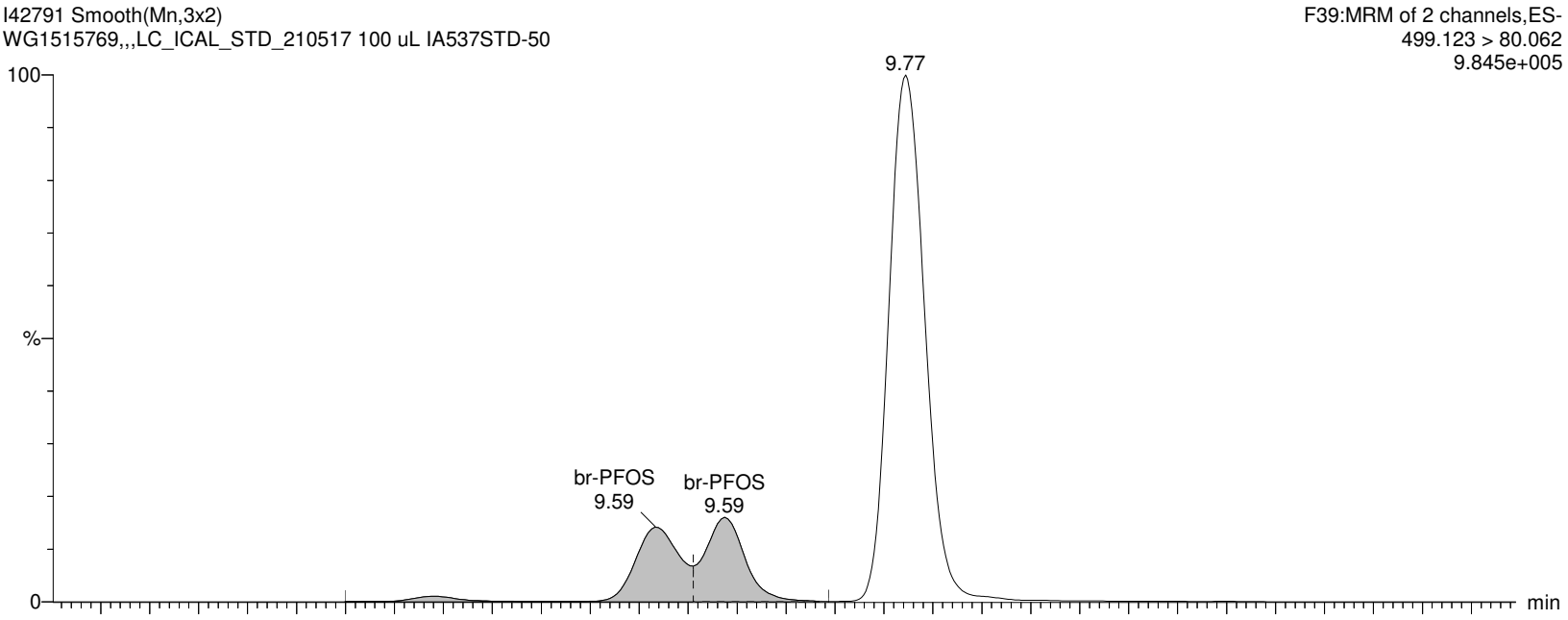


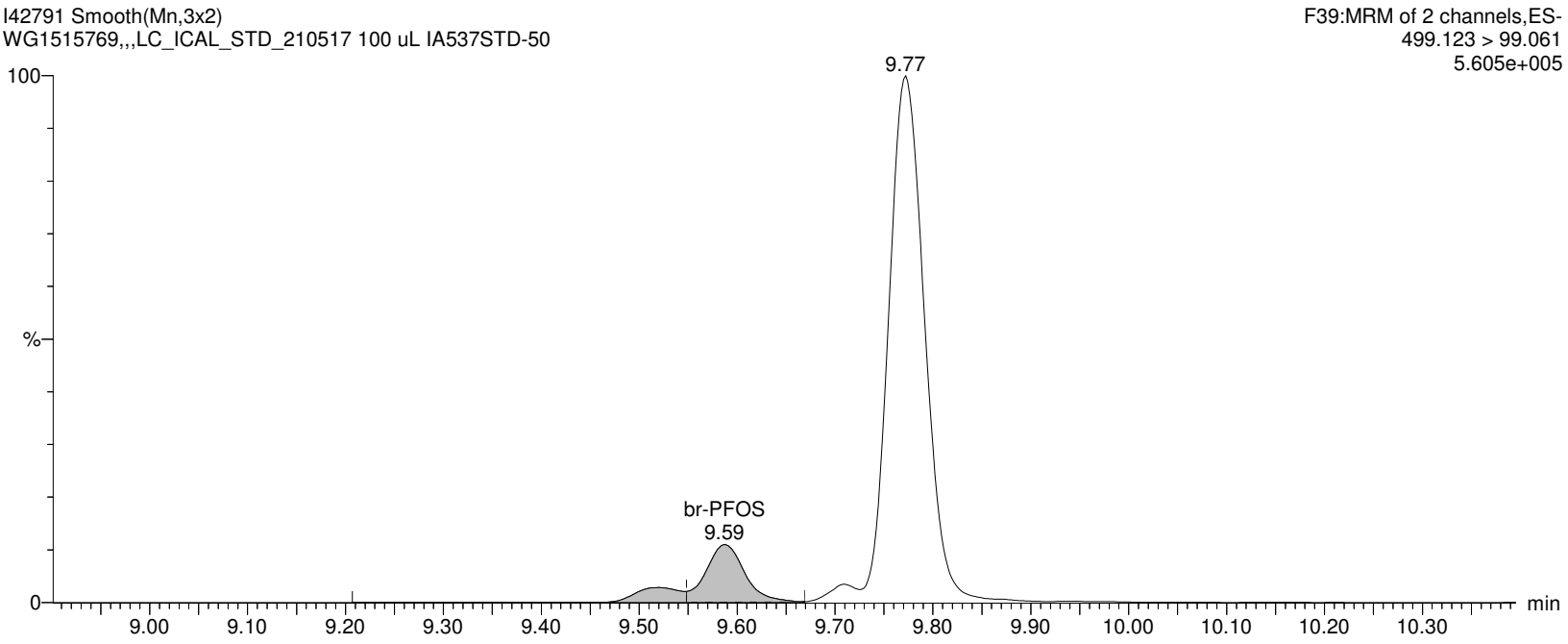
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOS



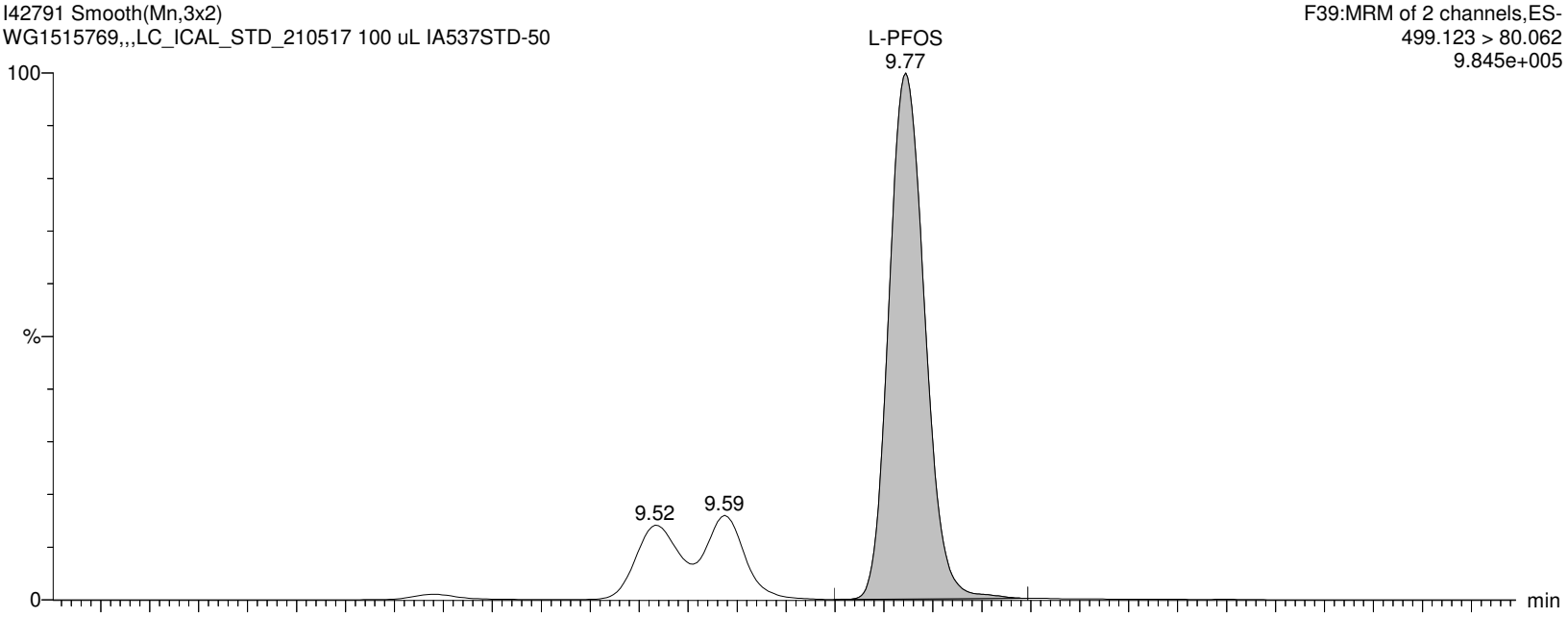


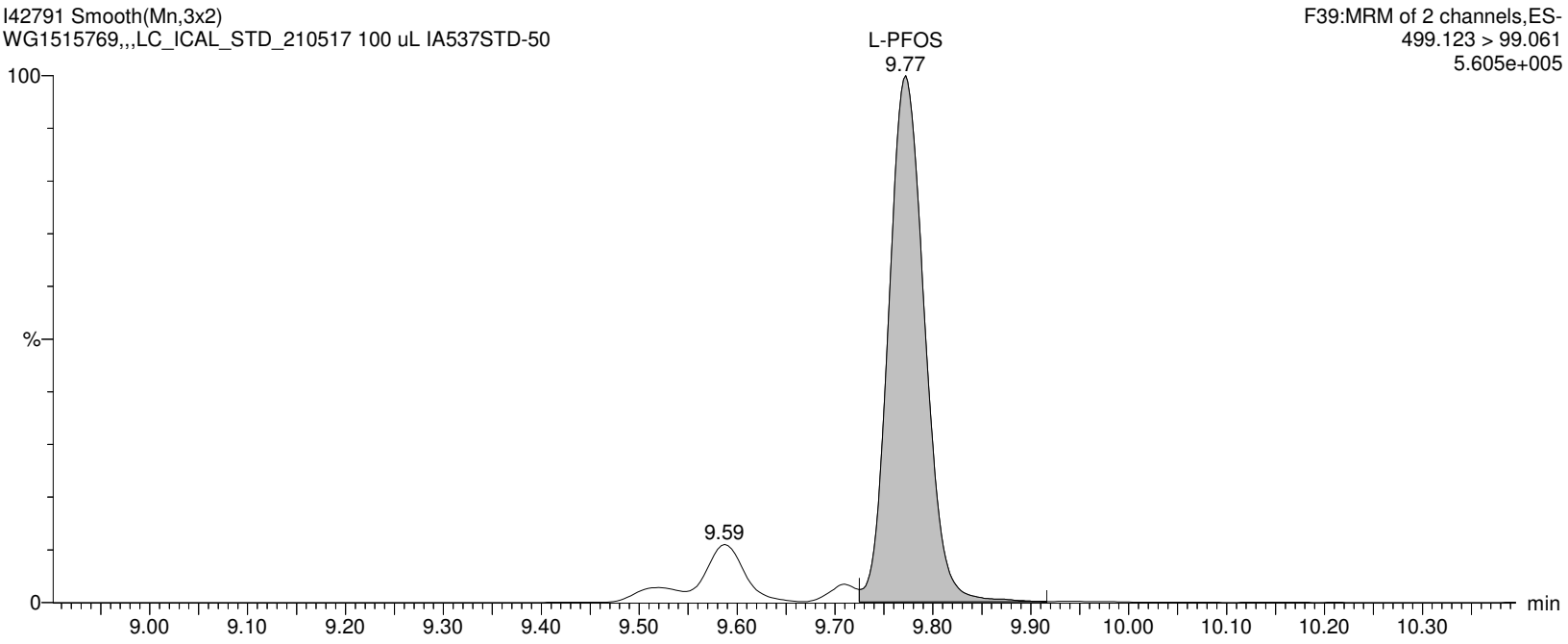
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOS



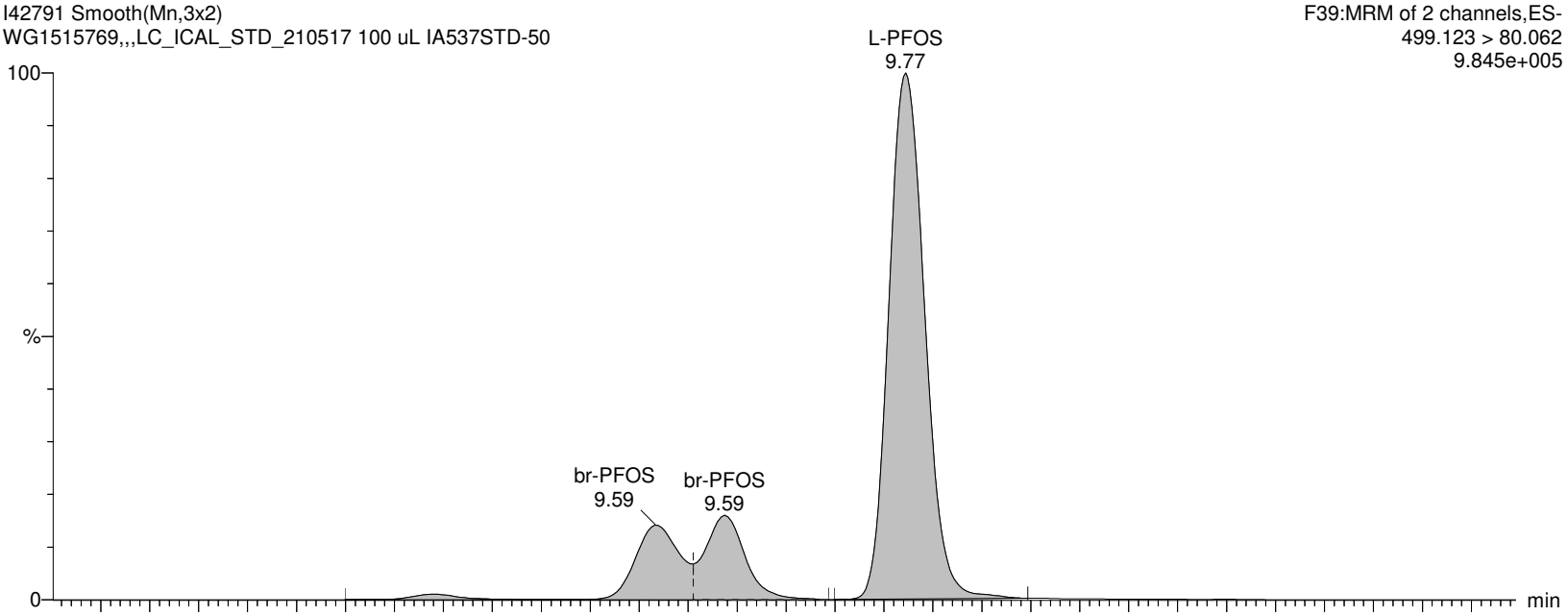


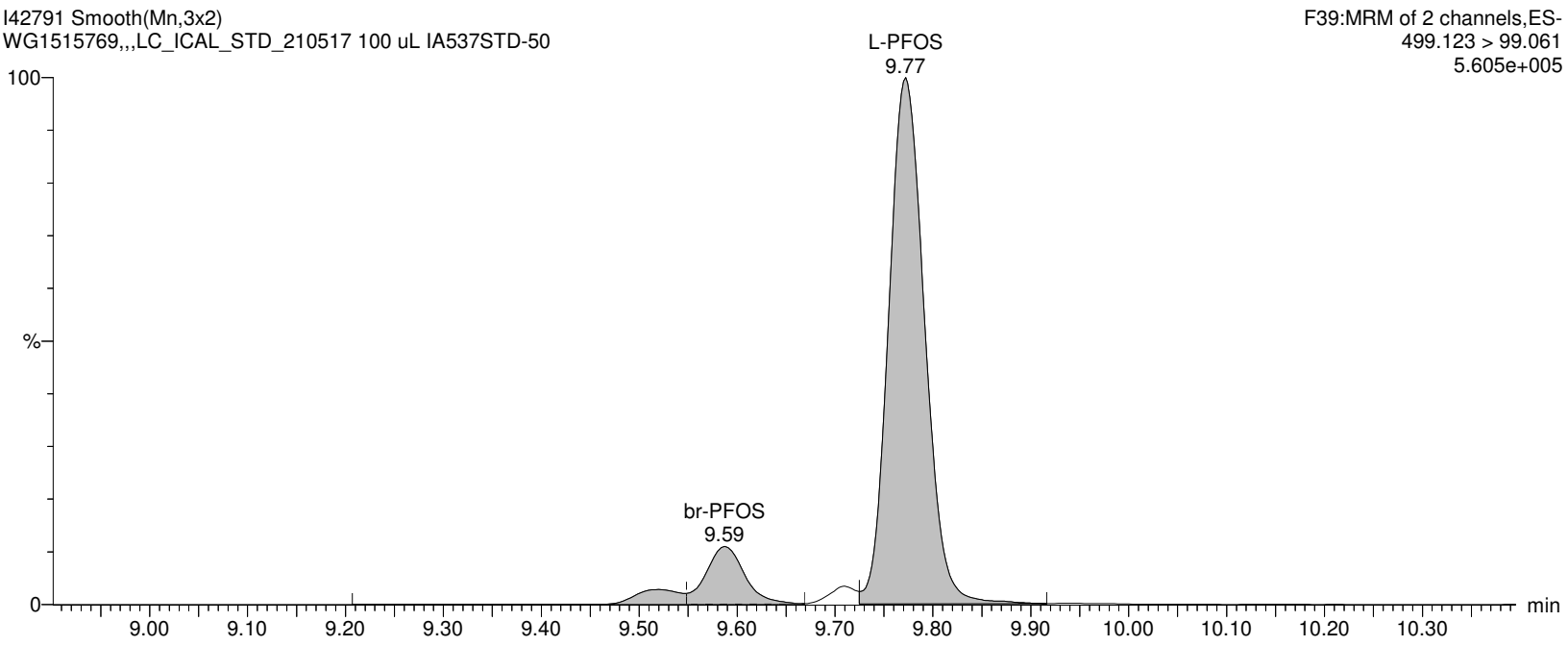
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOS



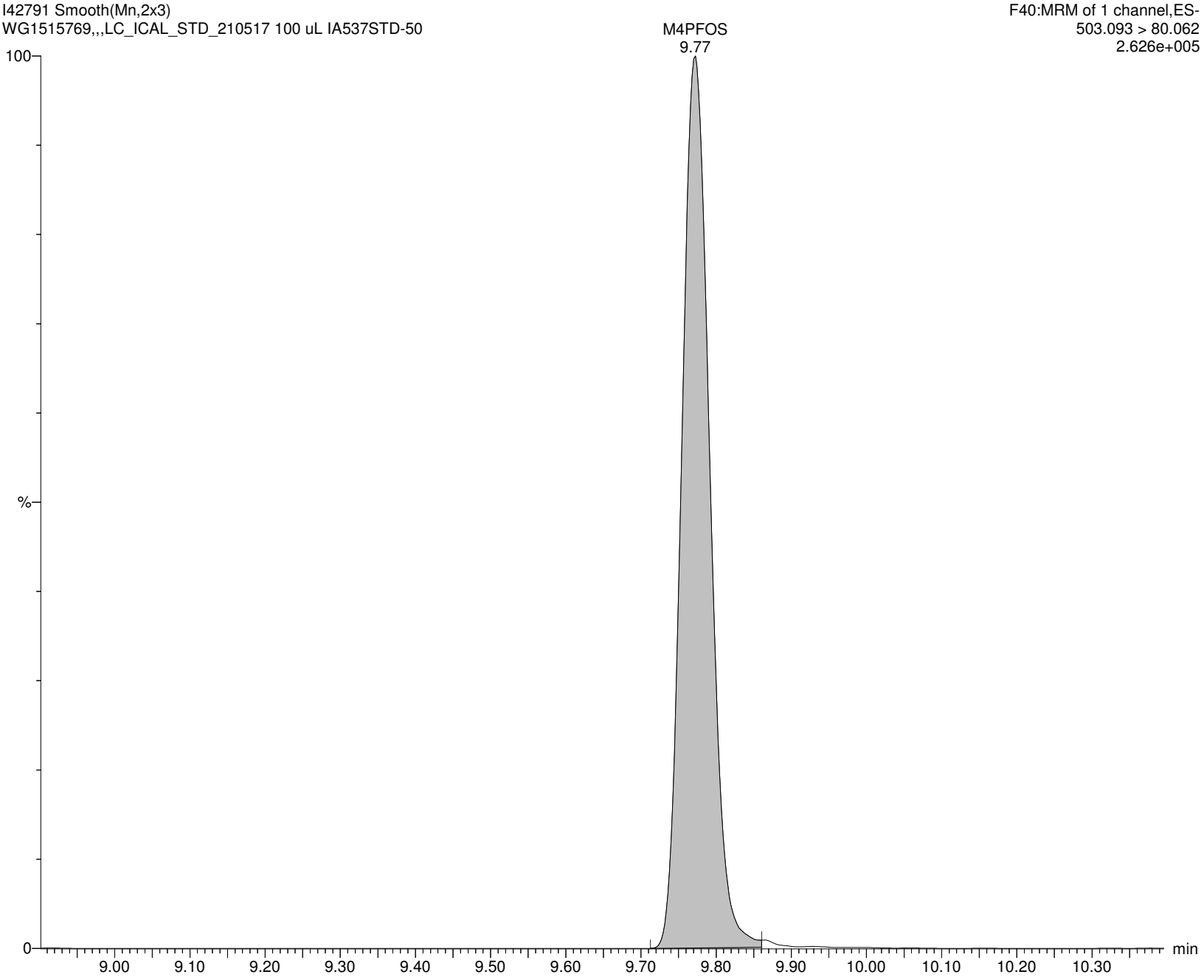


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOS

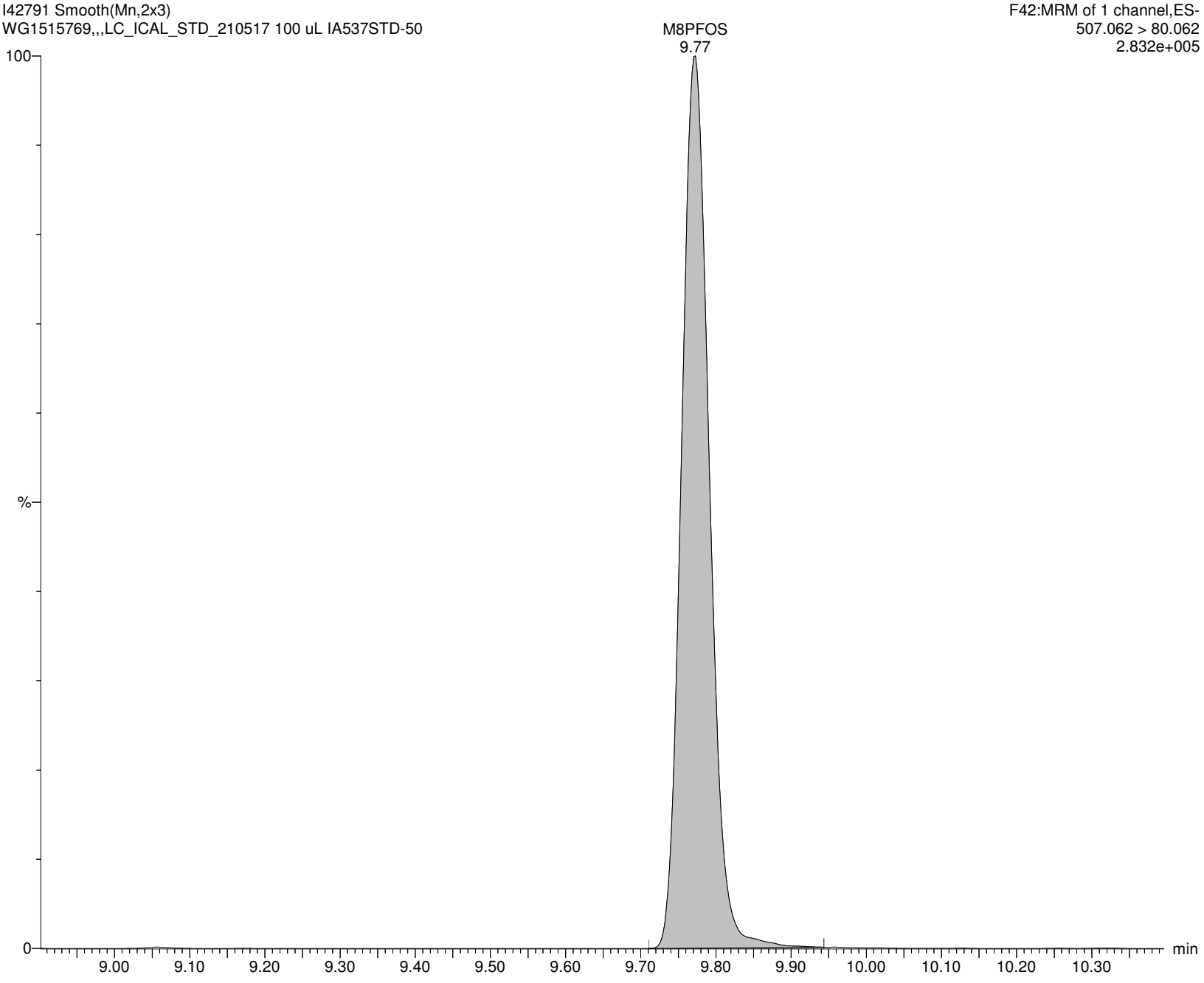


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOS

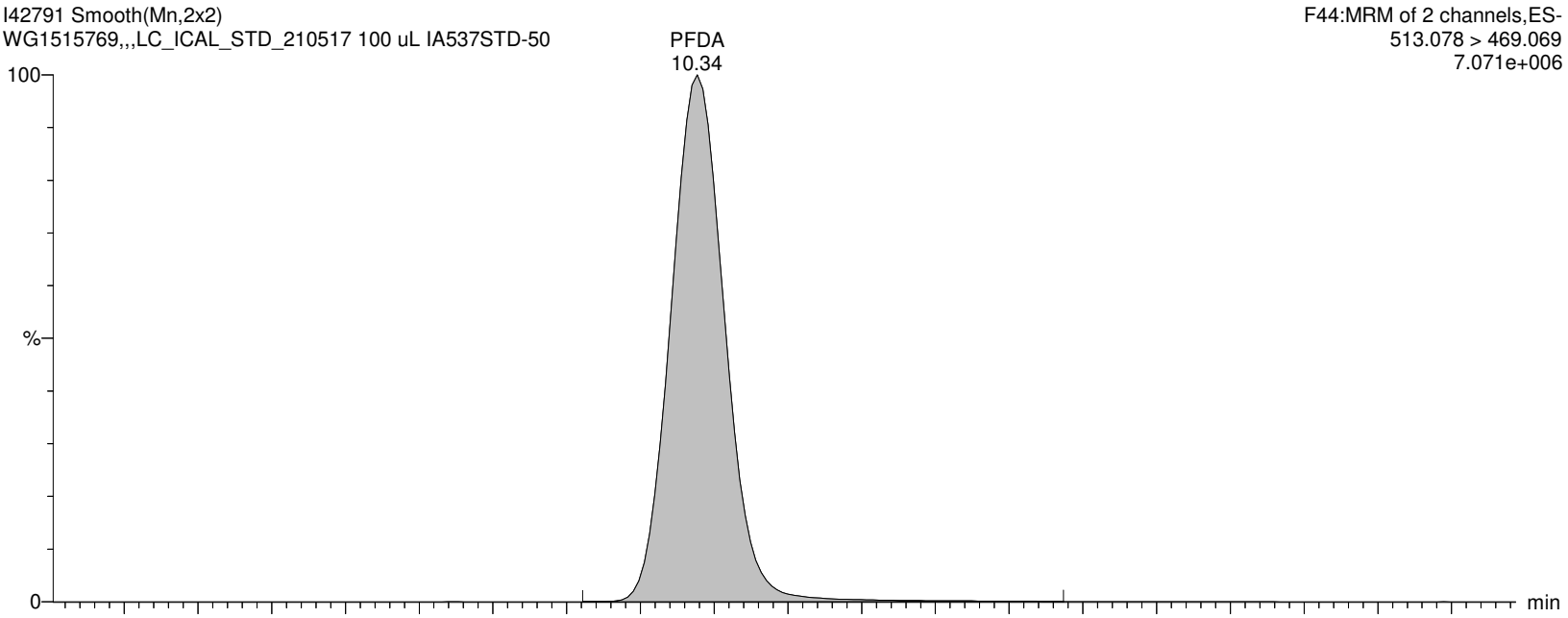


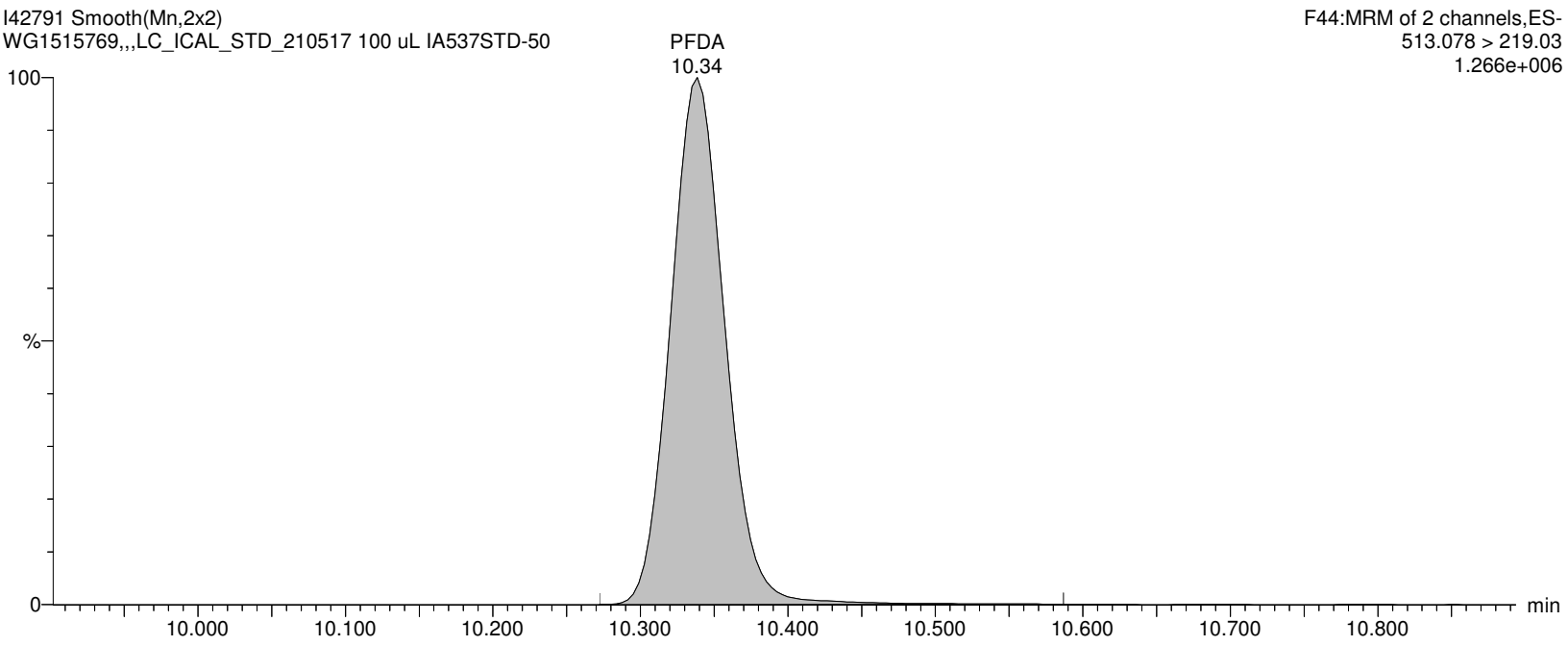
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDA



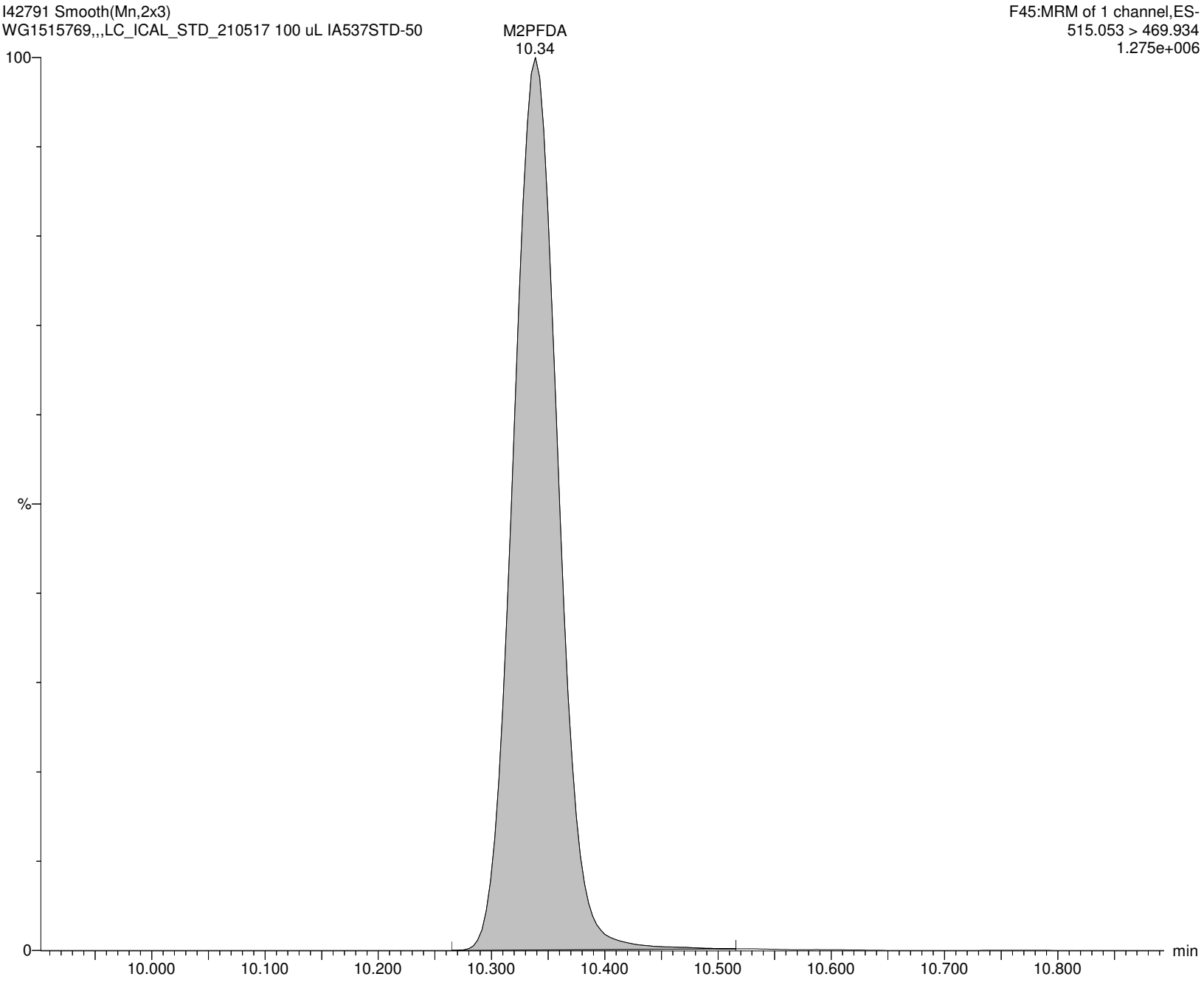


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFDA

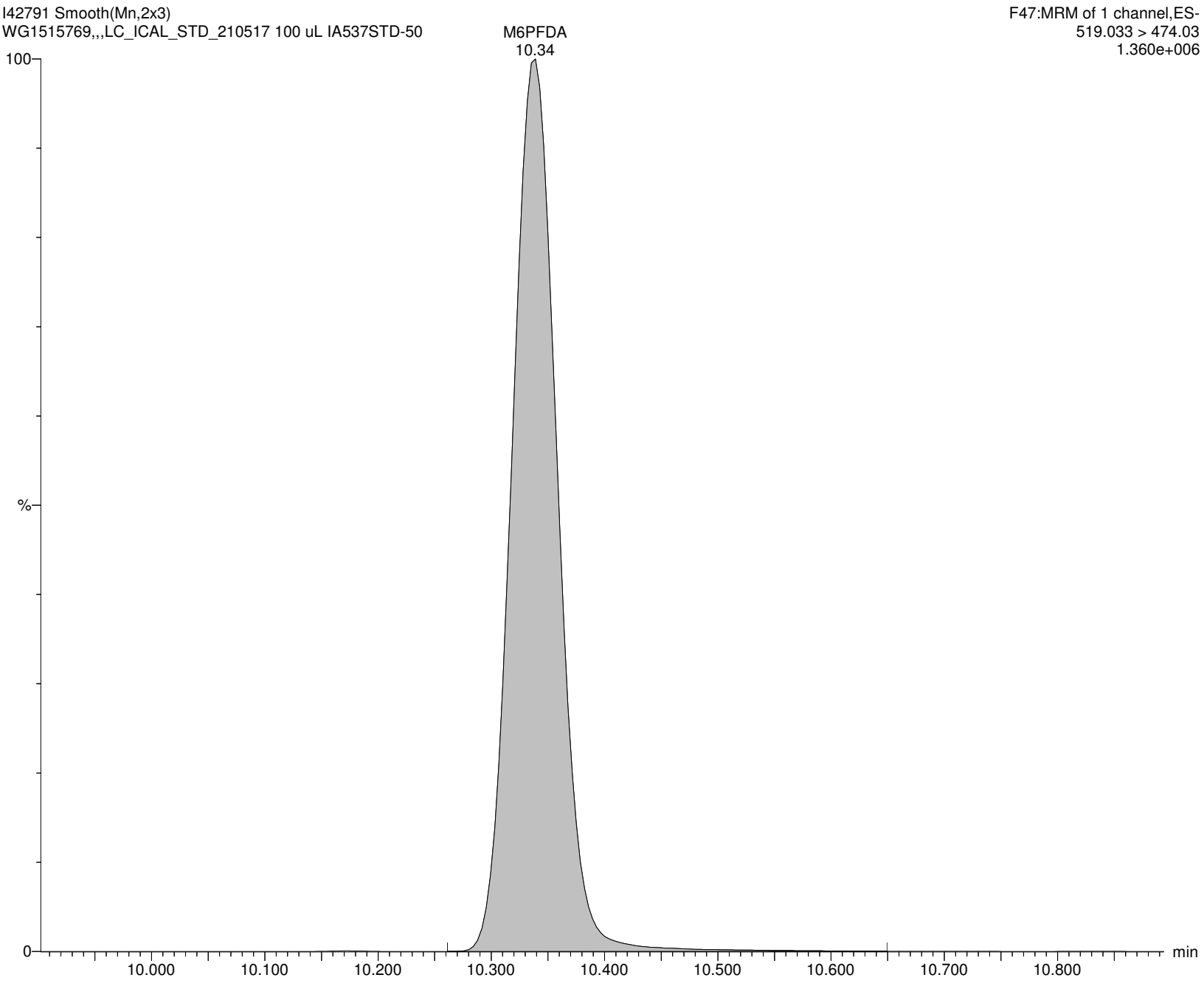


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M6PFDA

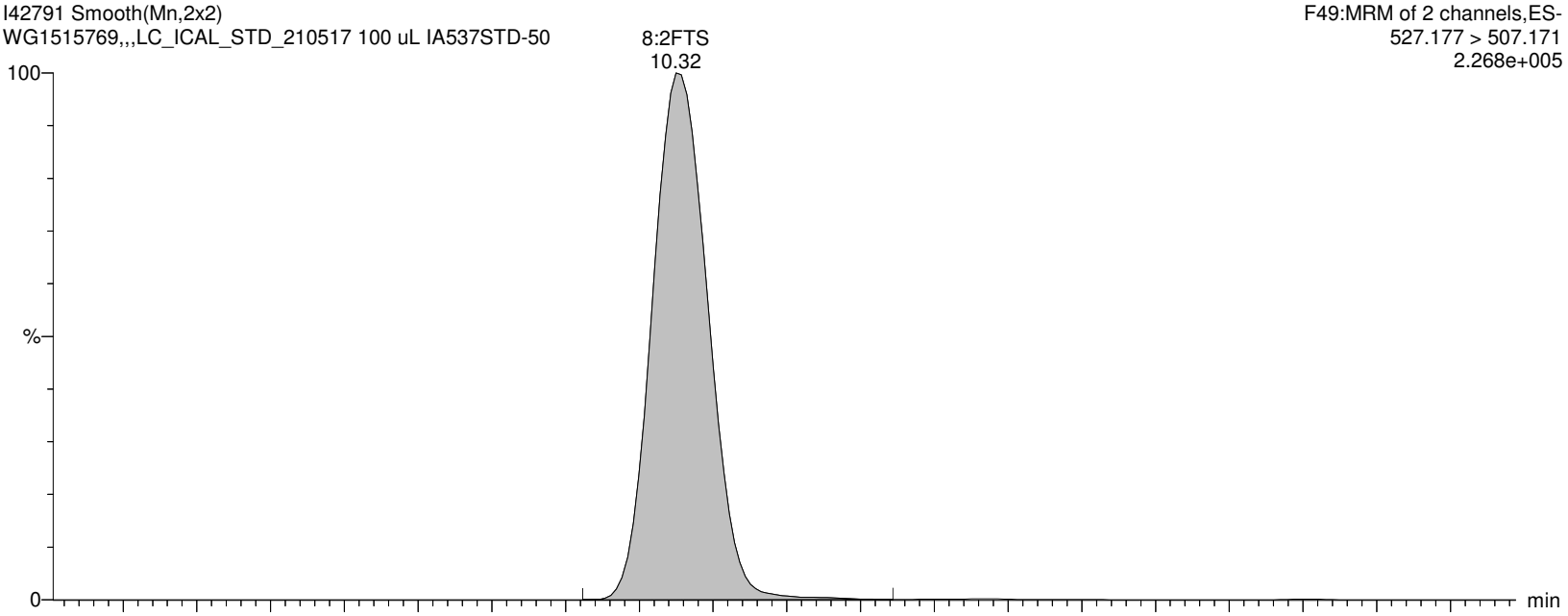


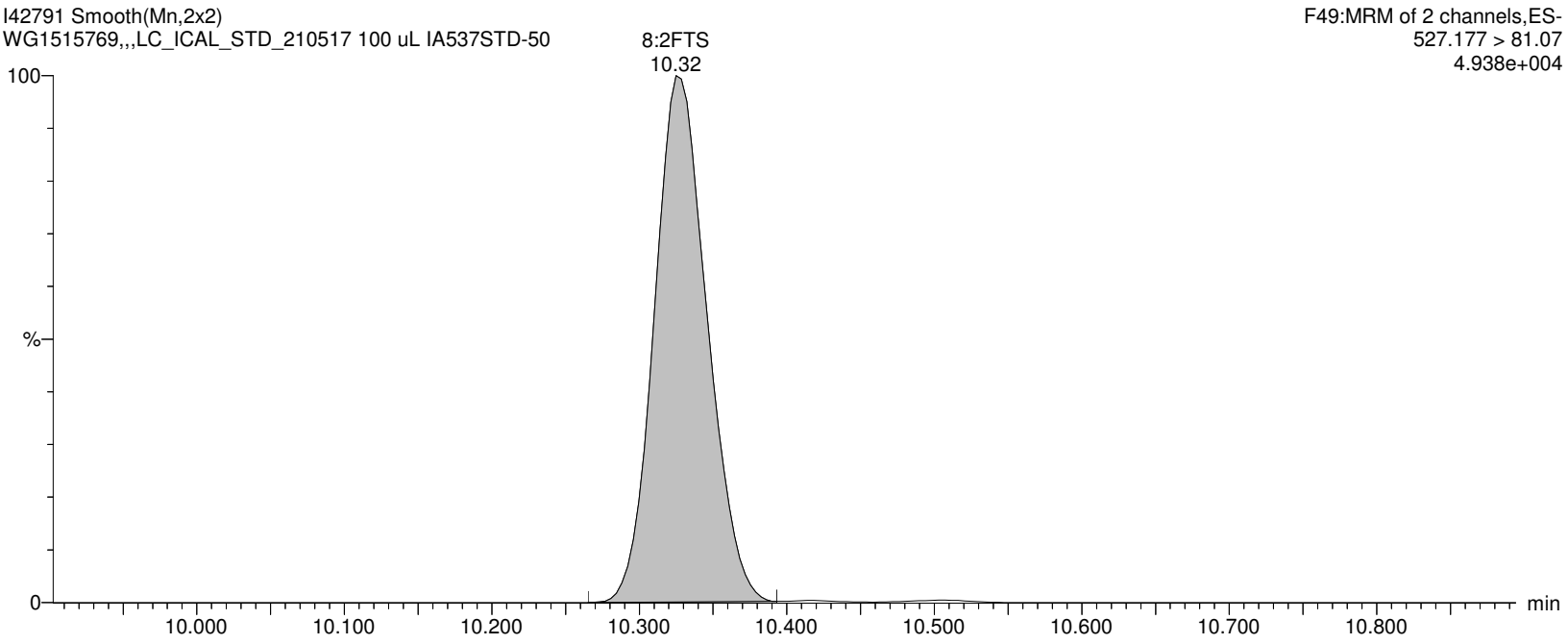
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

8:2FTS



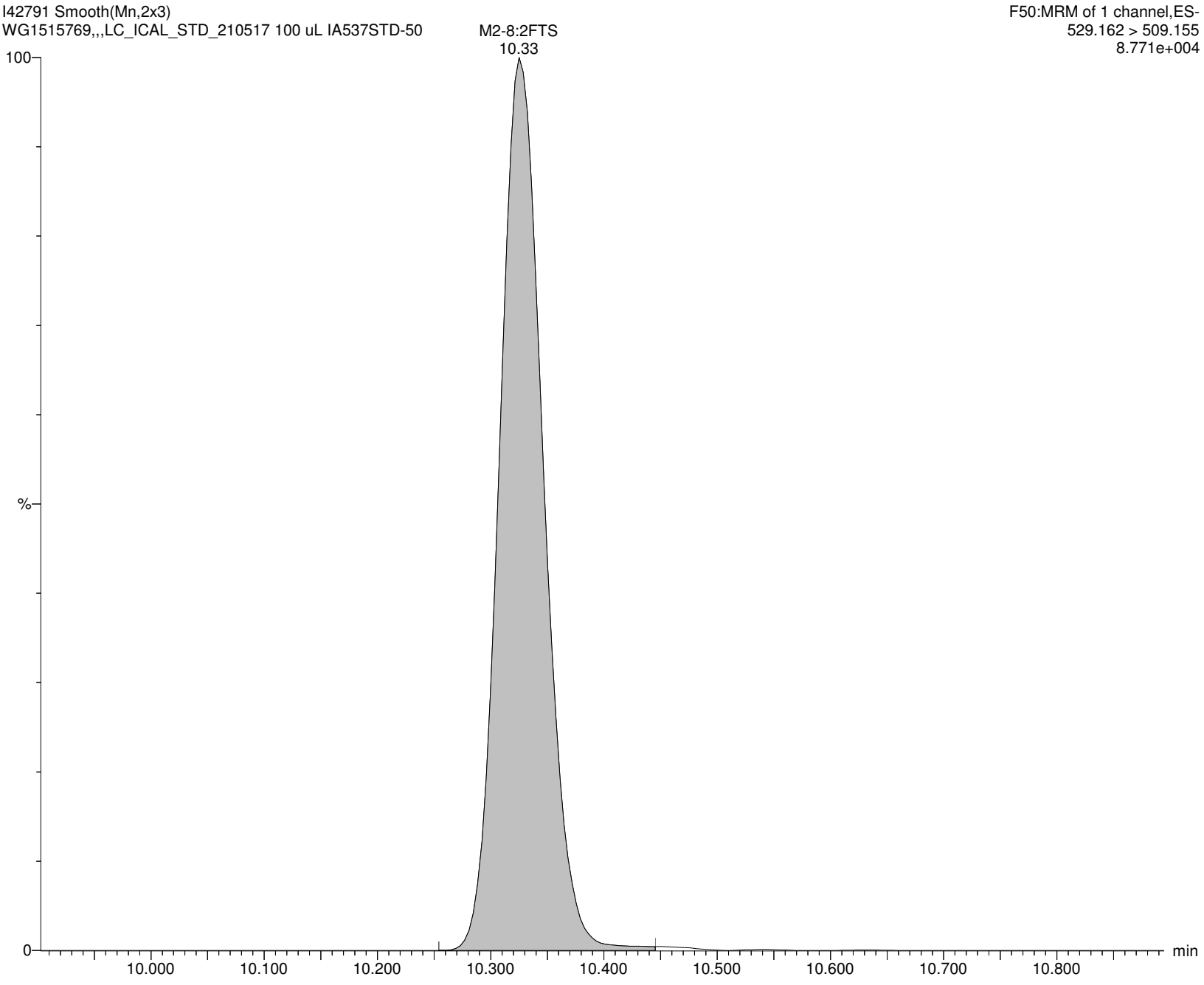


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-8:2FTS

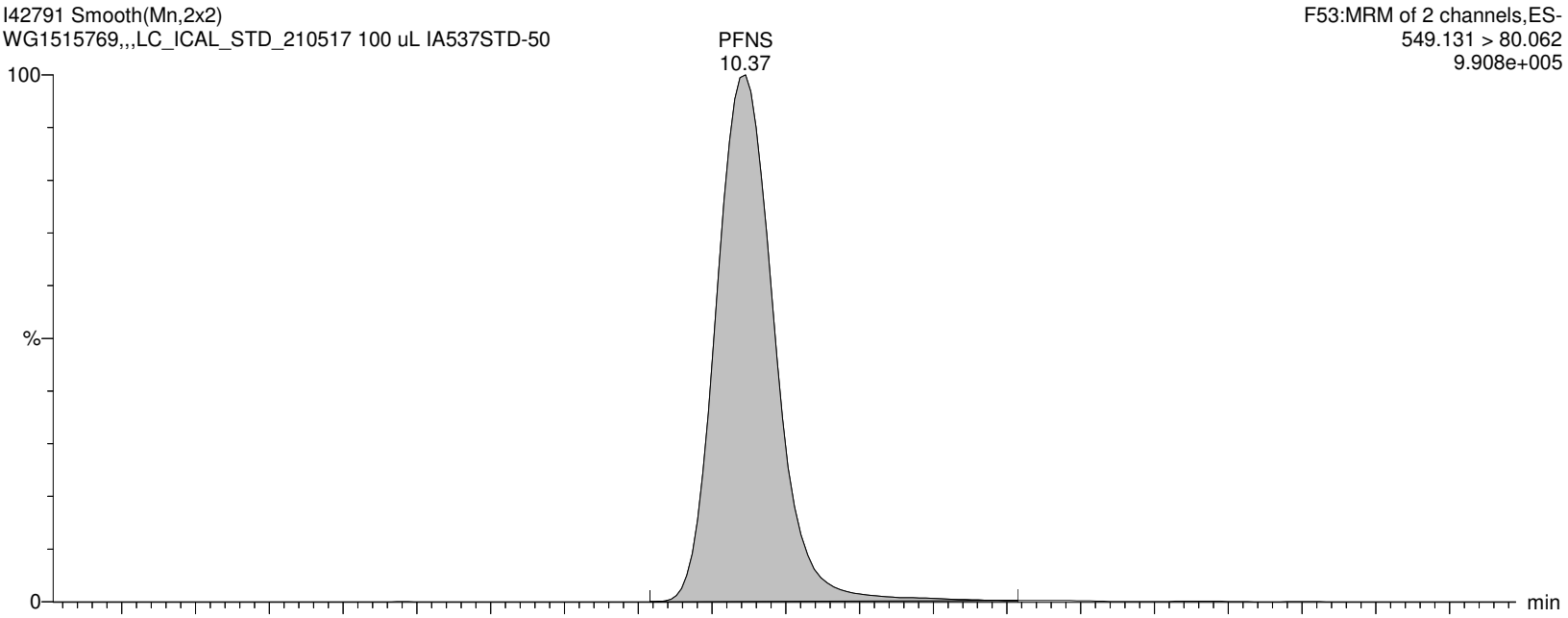


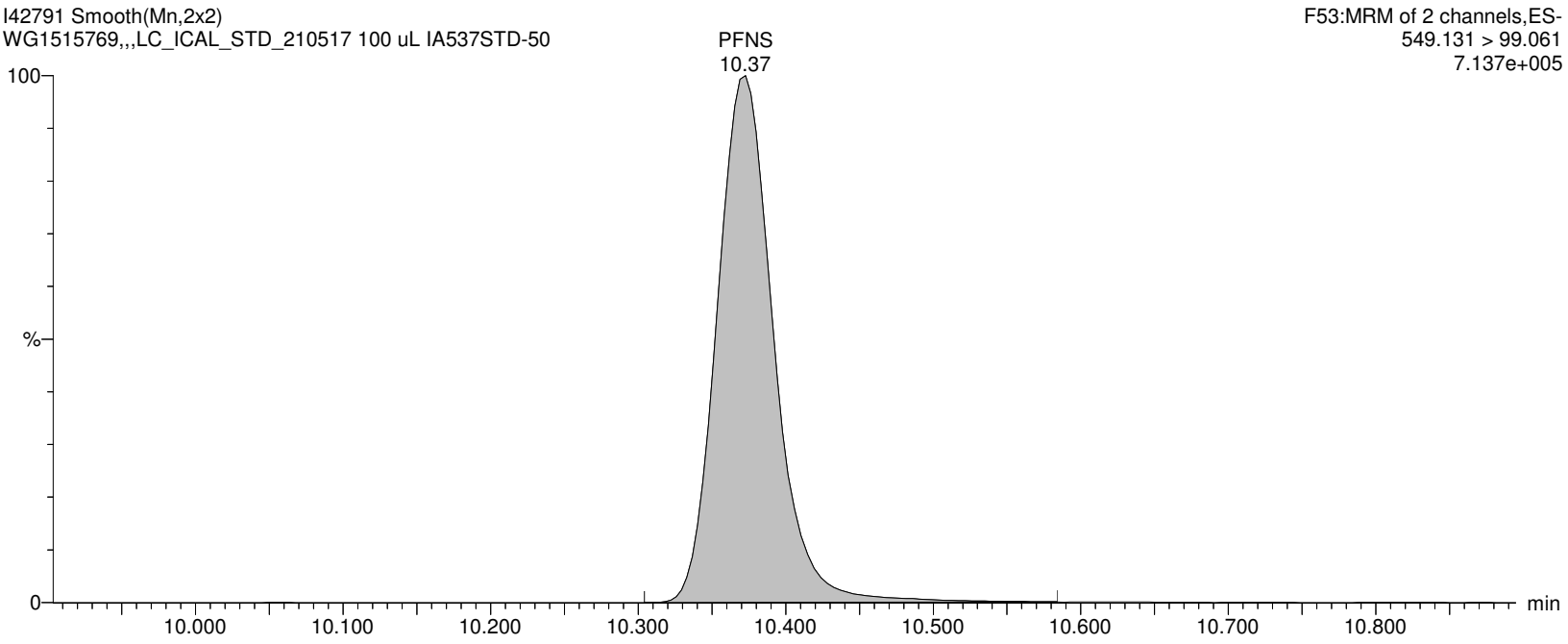
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNS



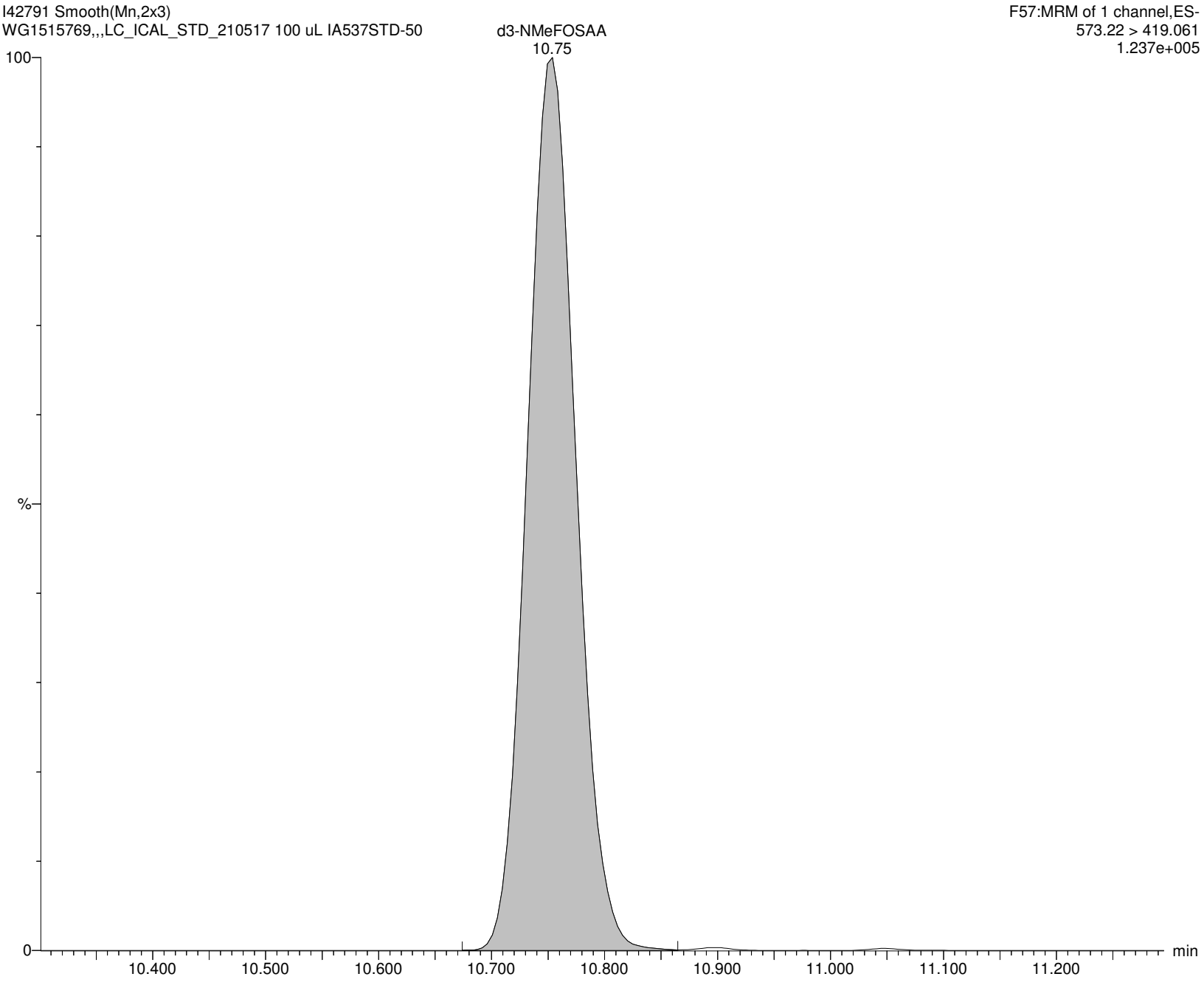


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSAA

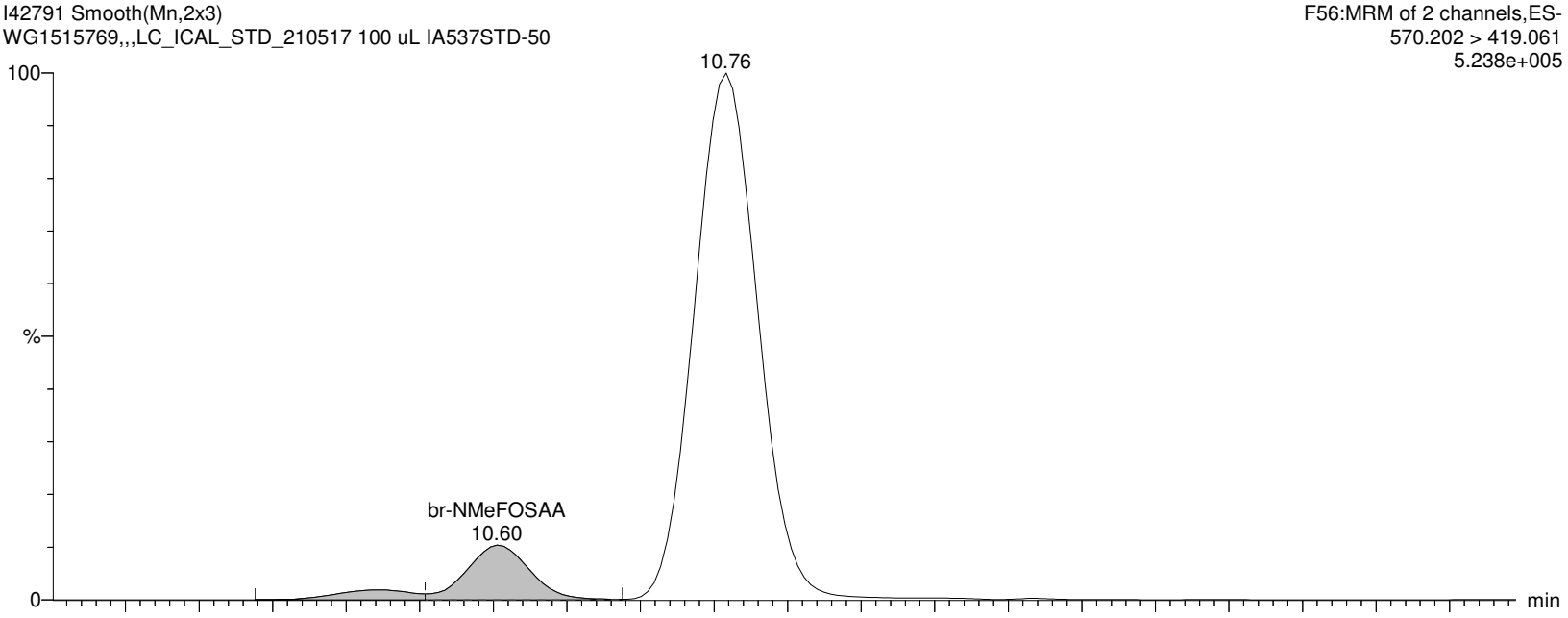


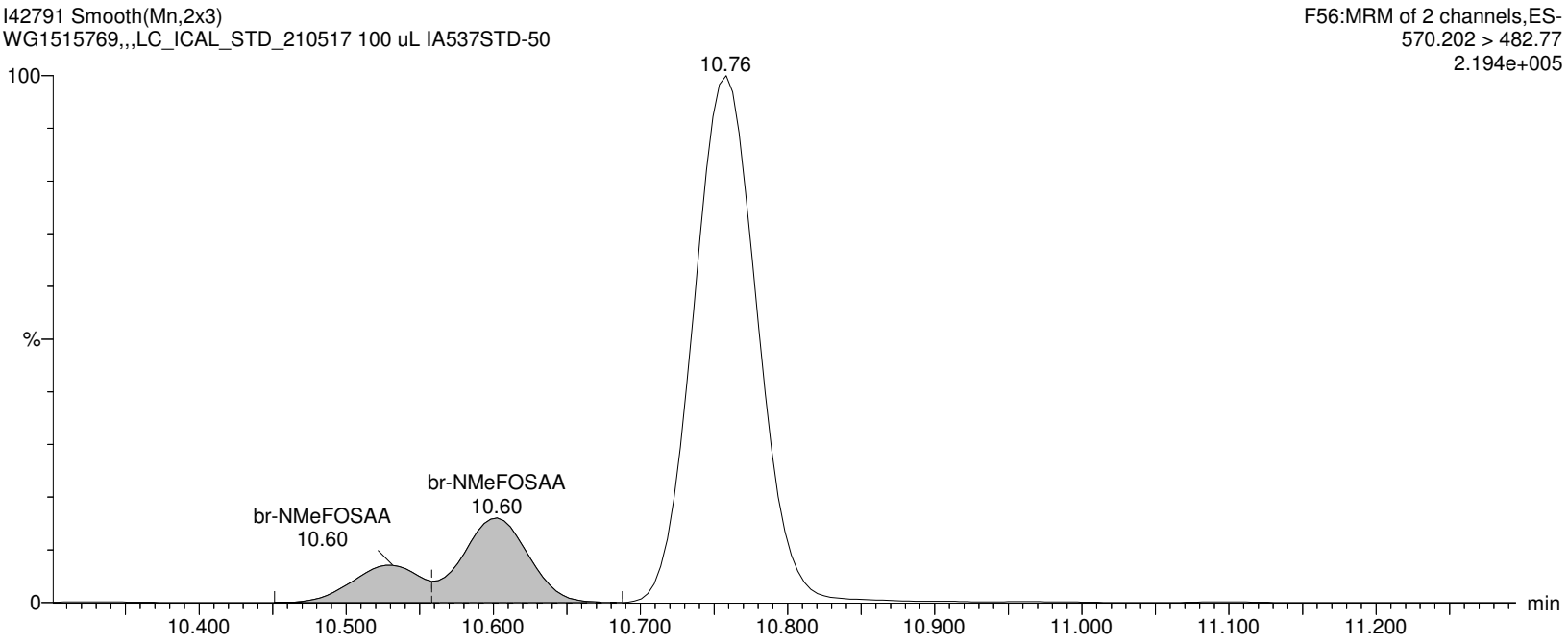
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NMeFOSAA



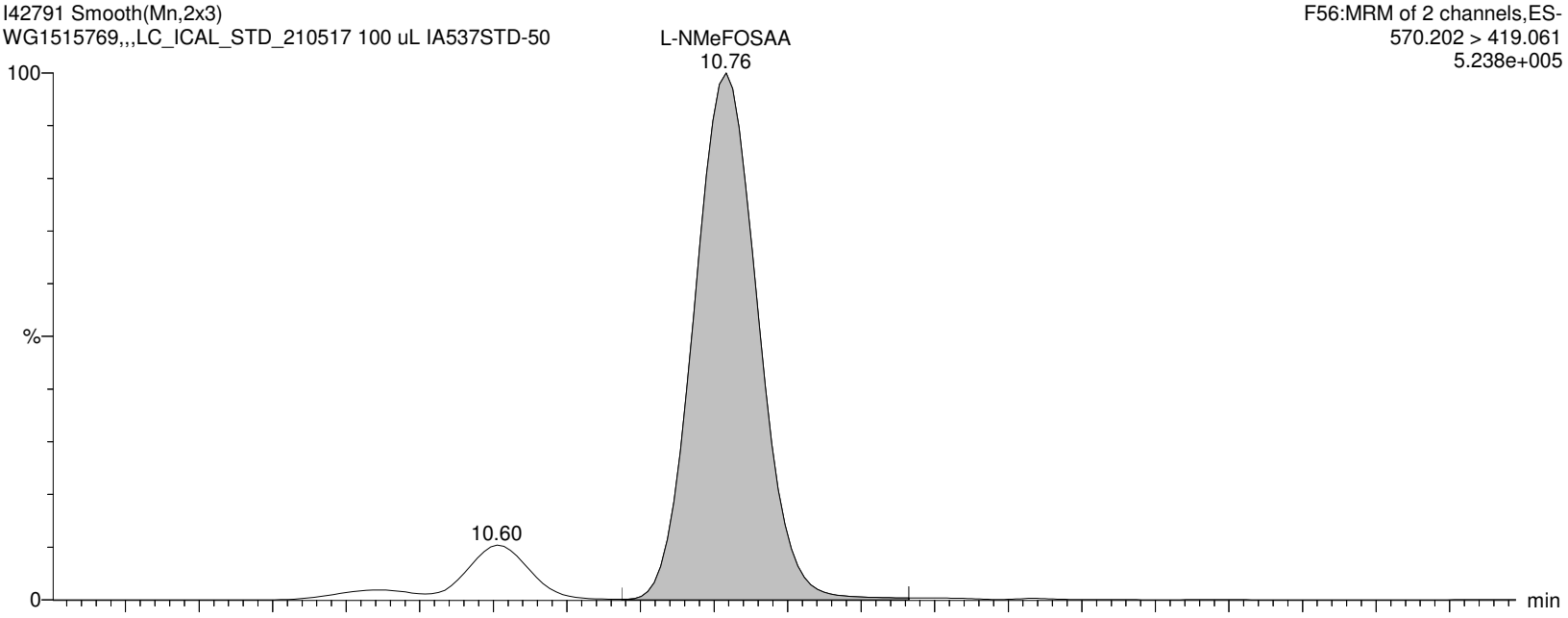


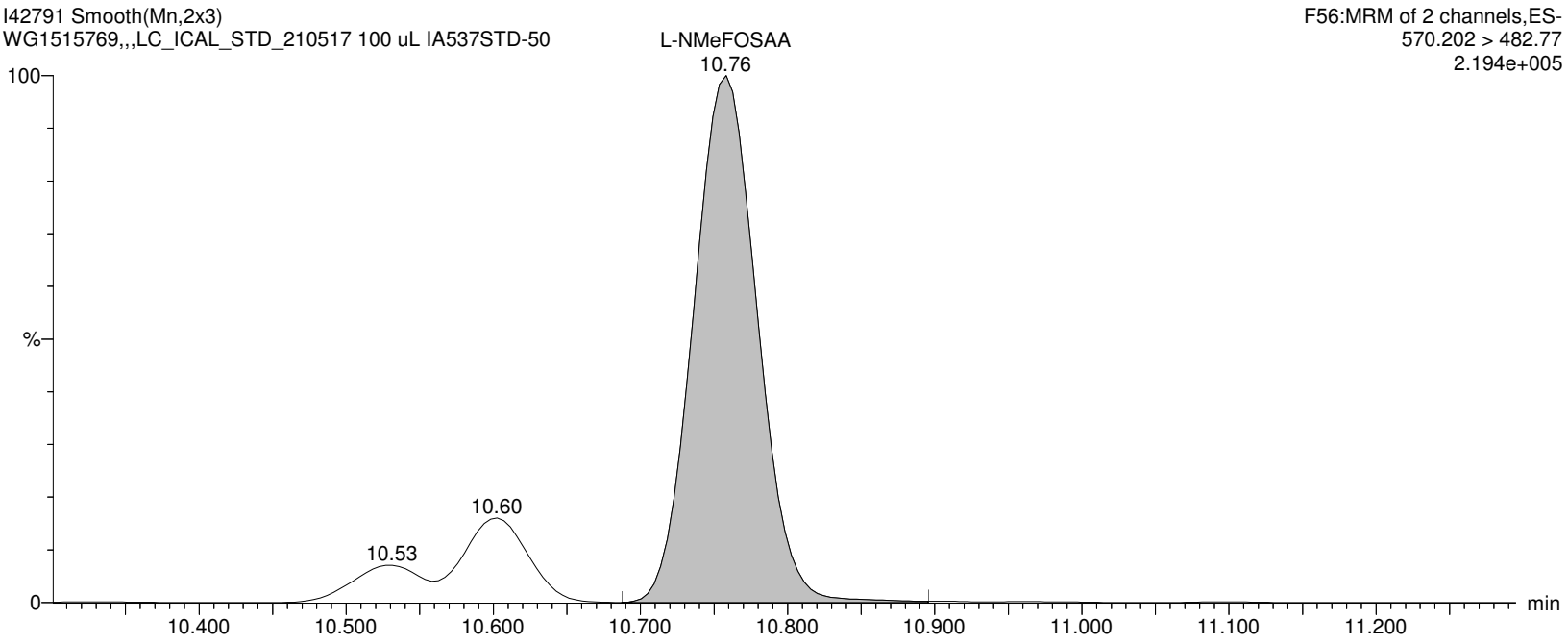
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NMeFOSAA



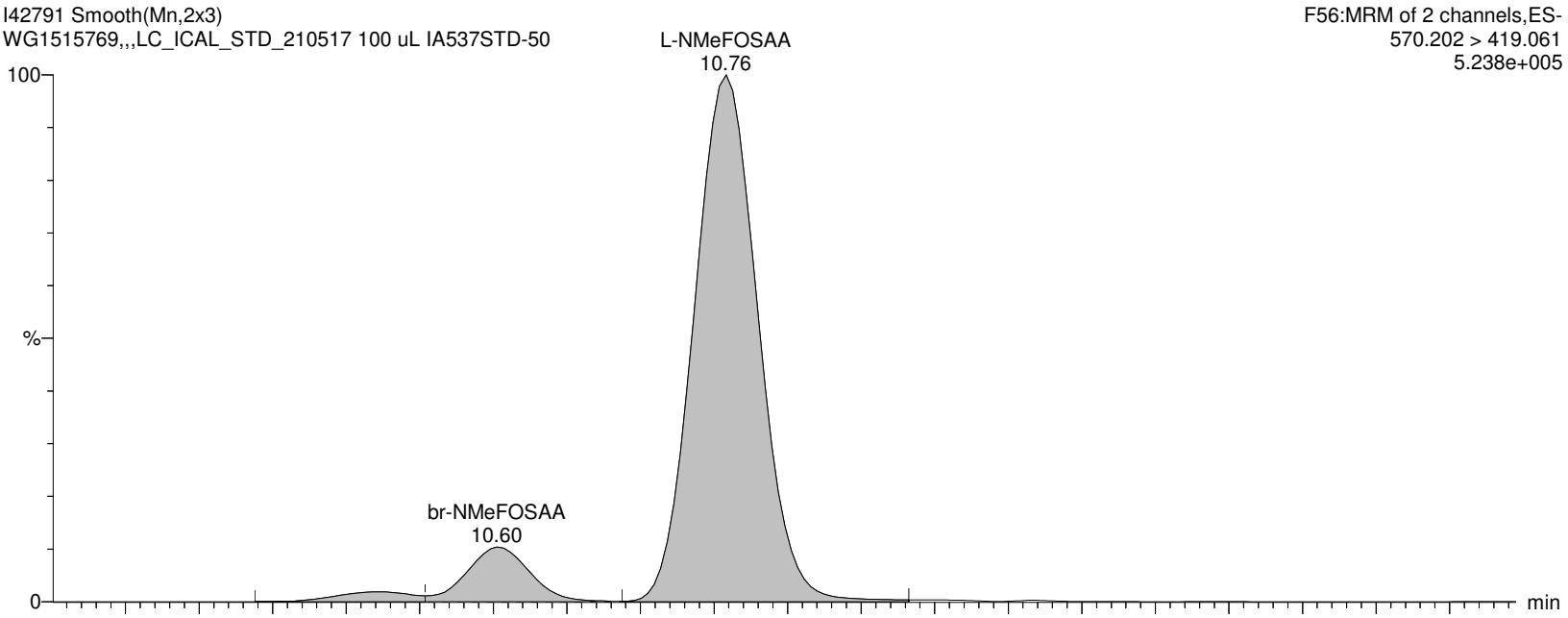


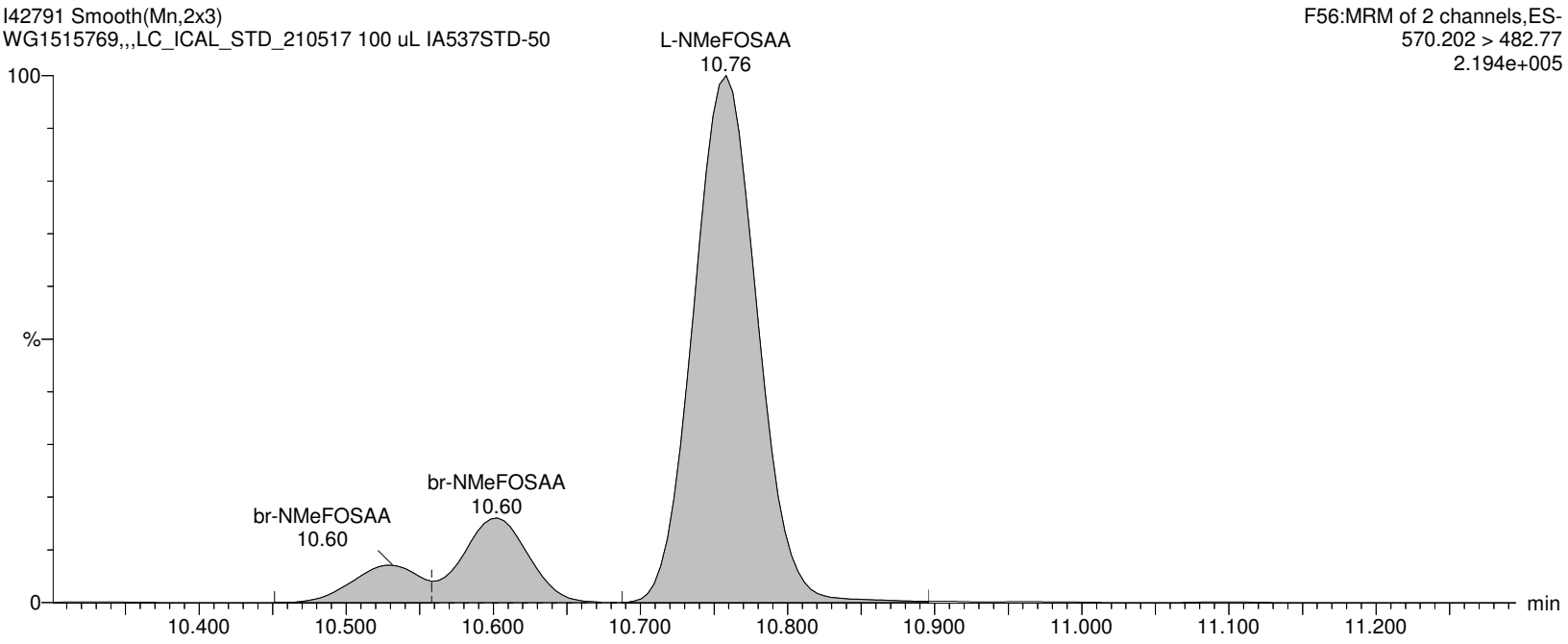
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSAA



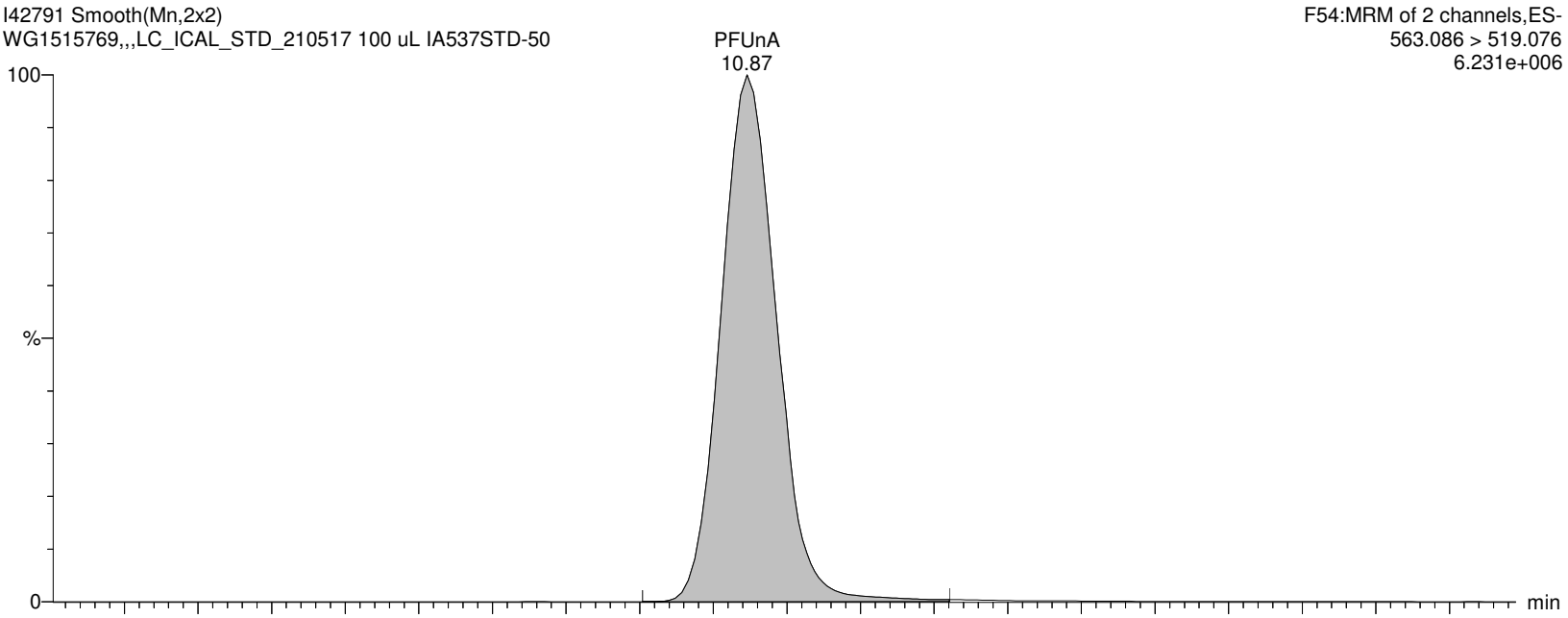


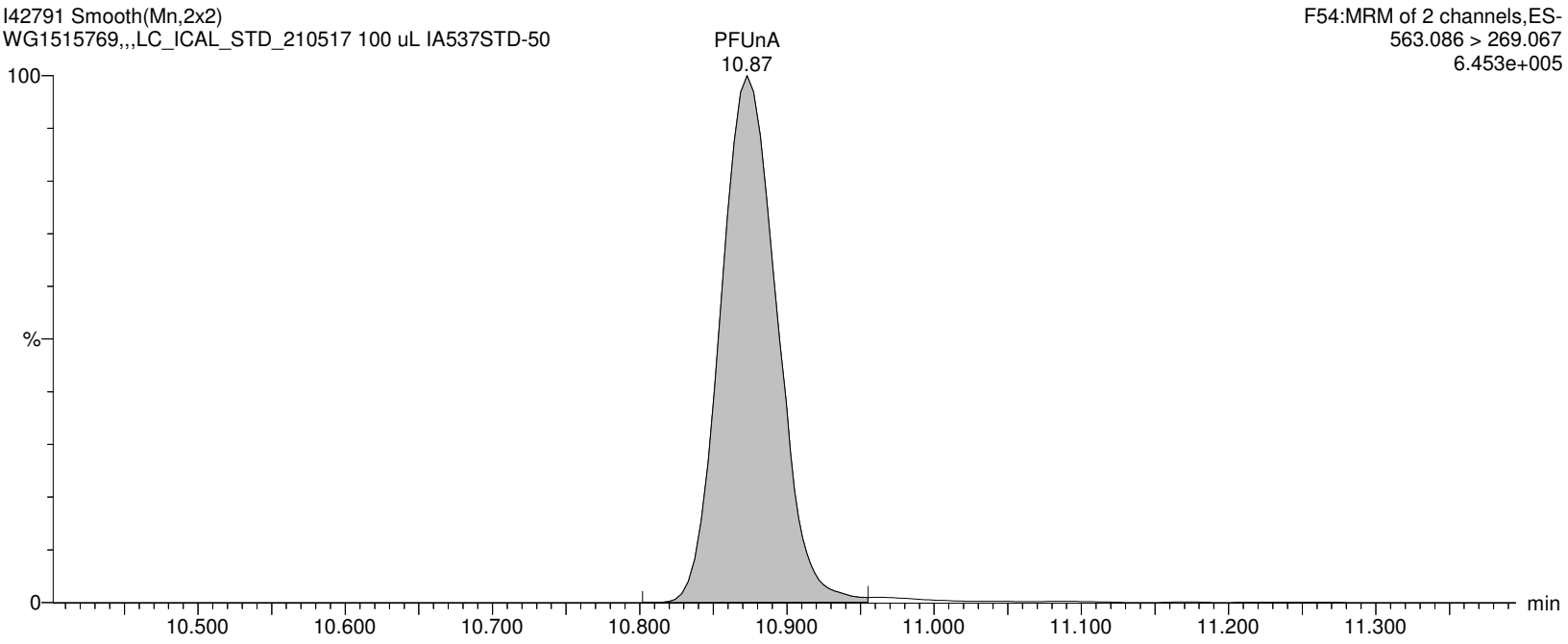
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFUnA



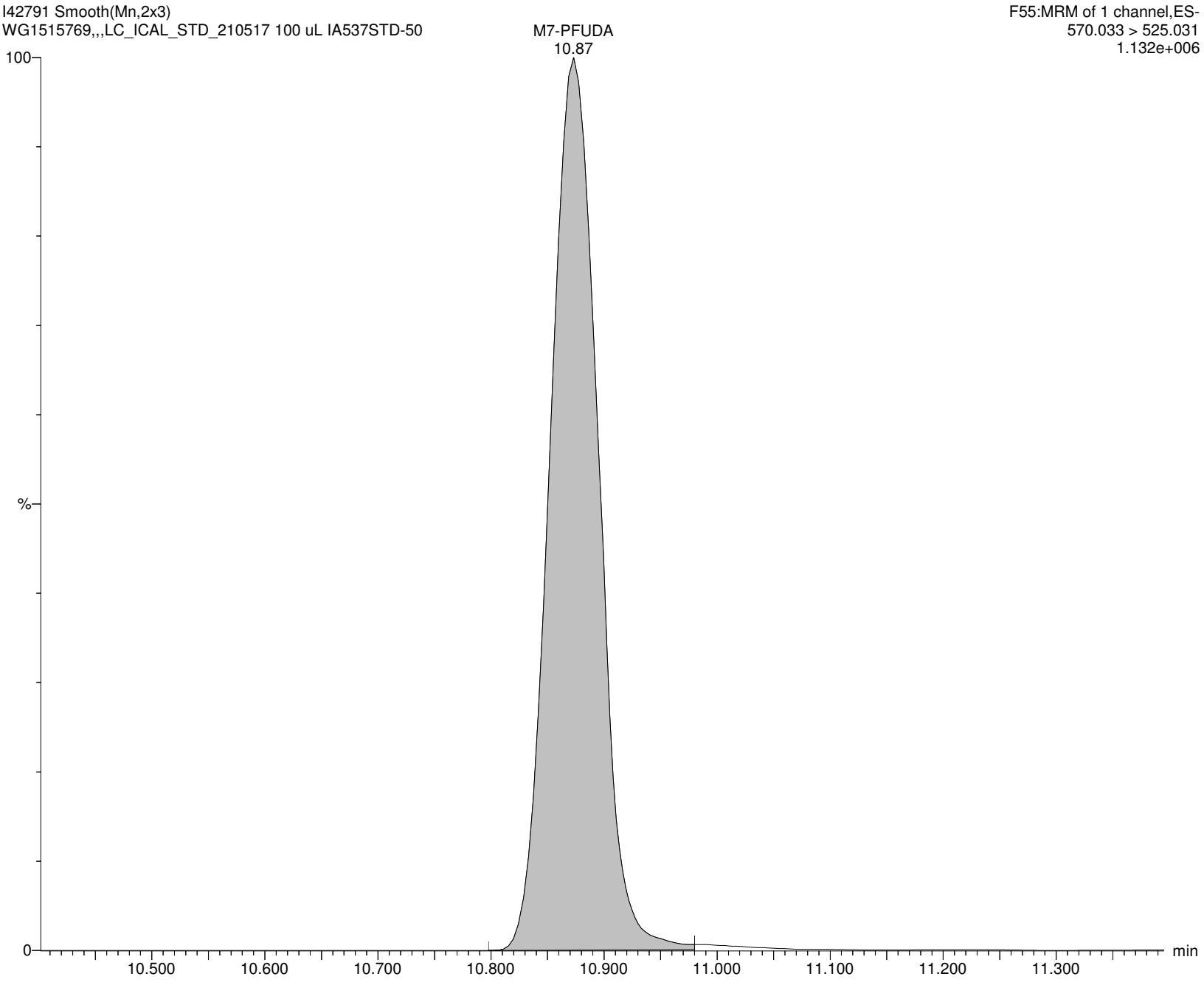


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M7-PFUDA

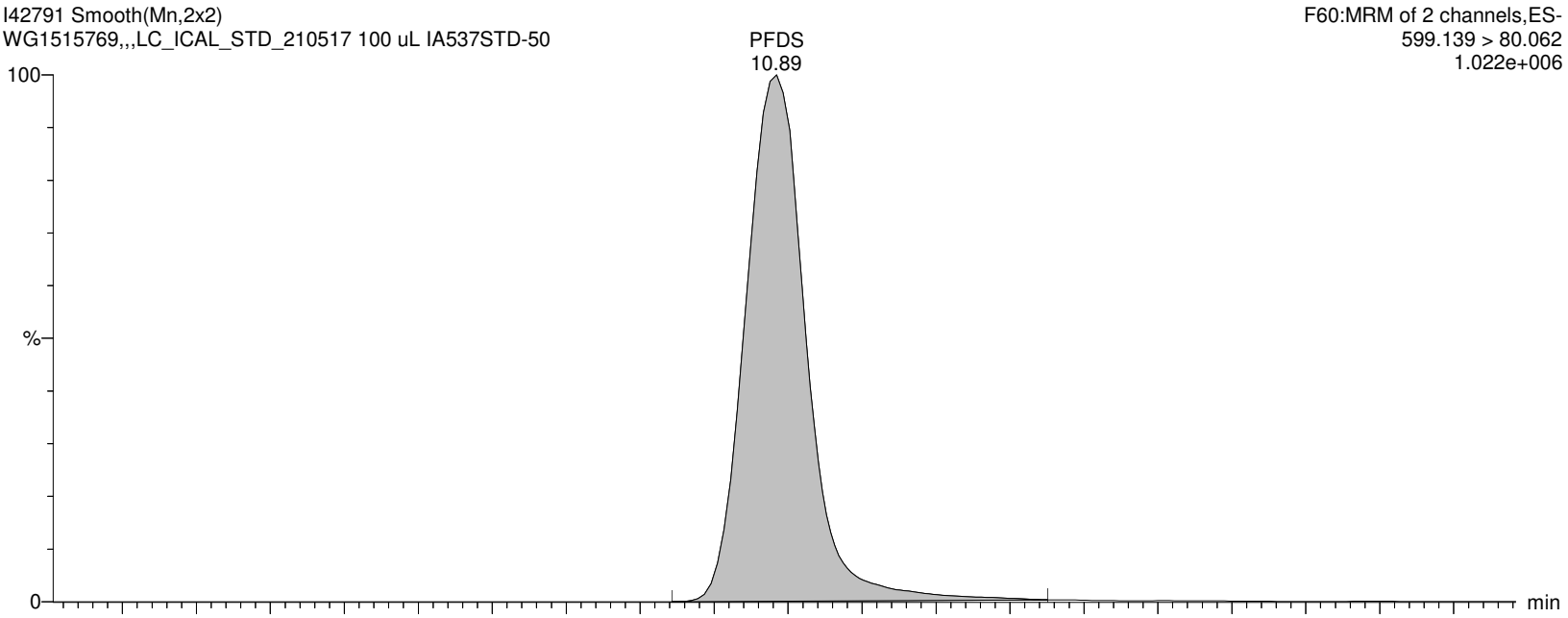


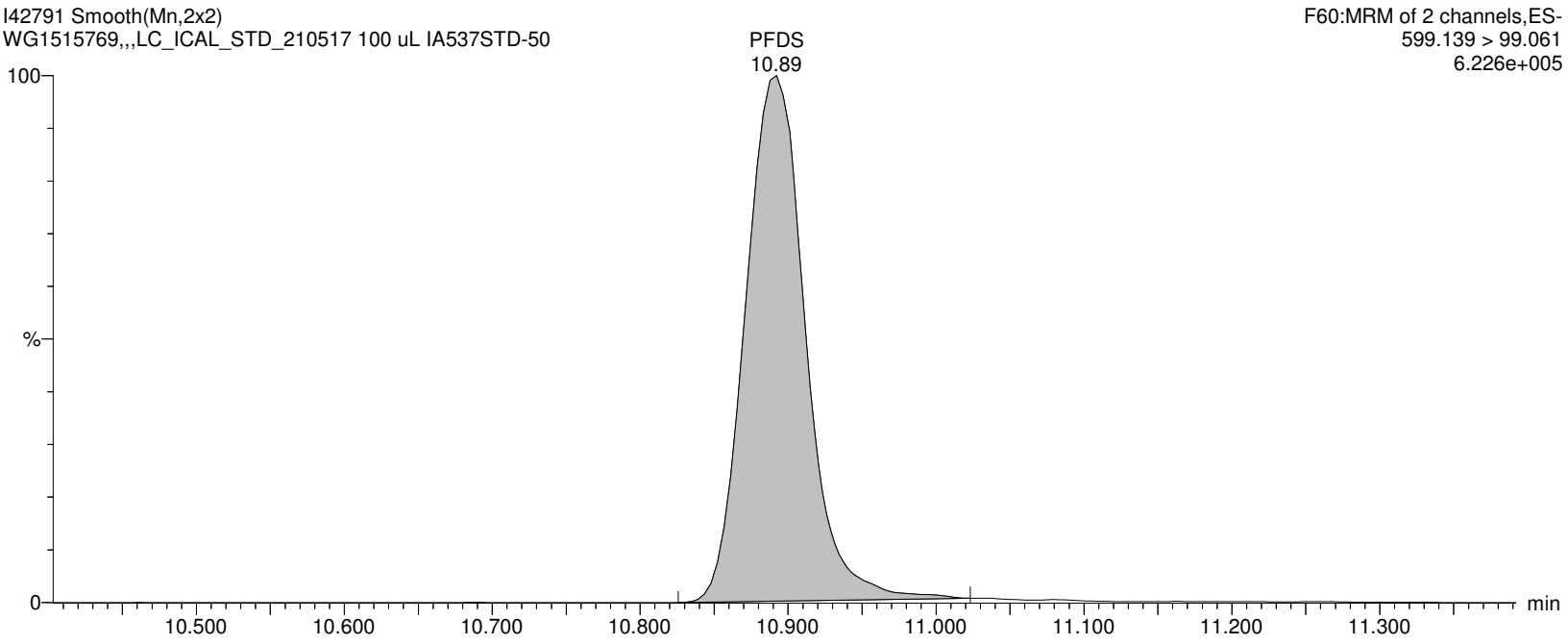
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDS



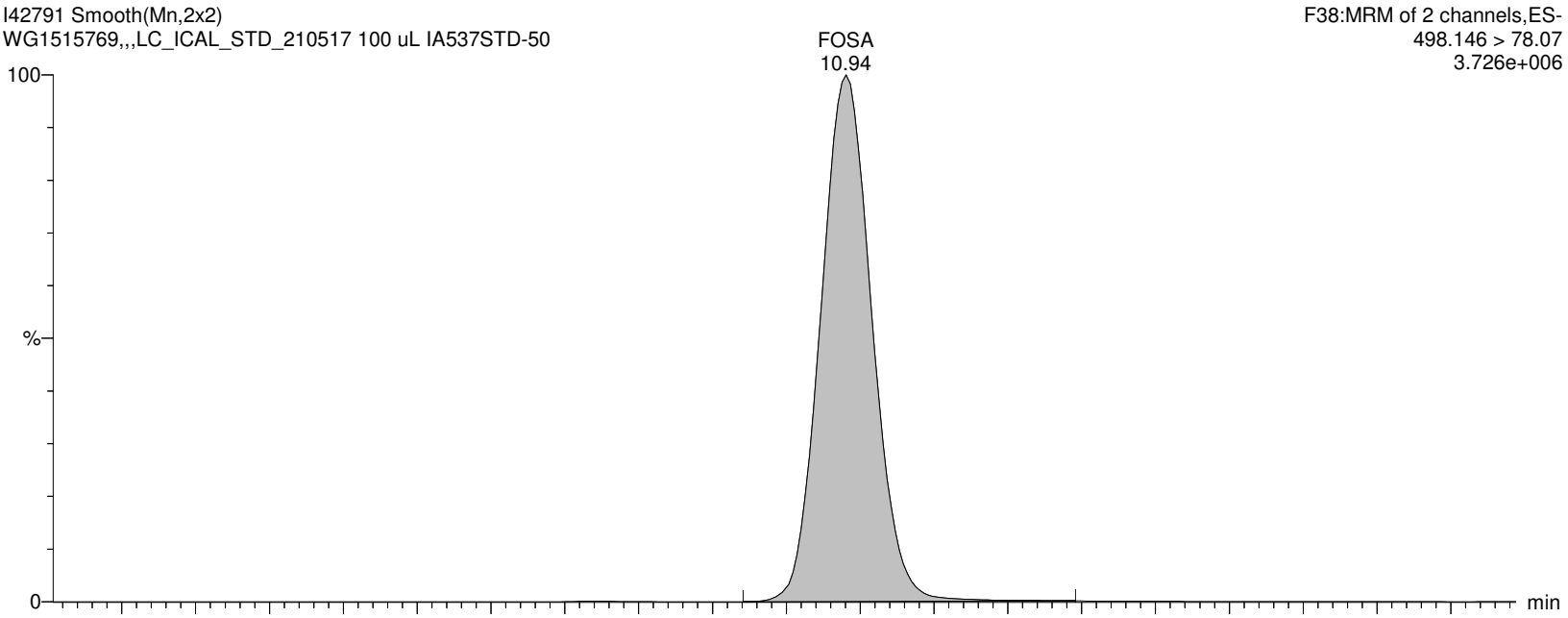


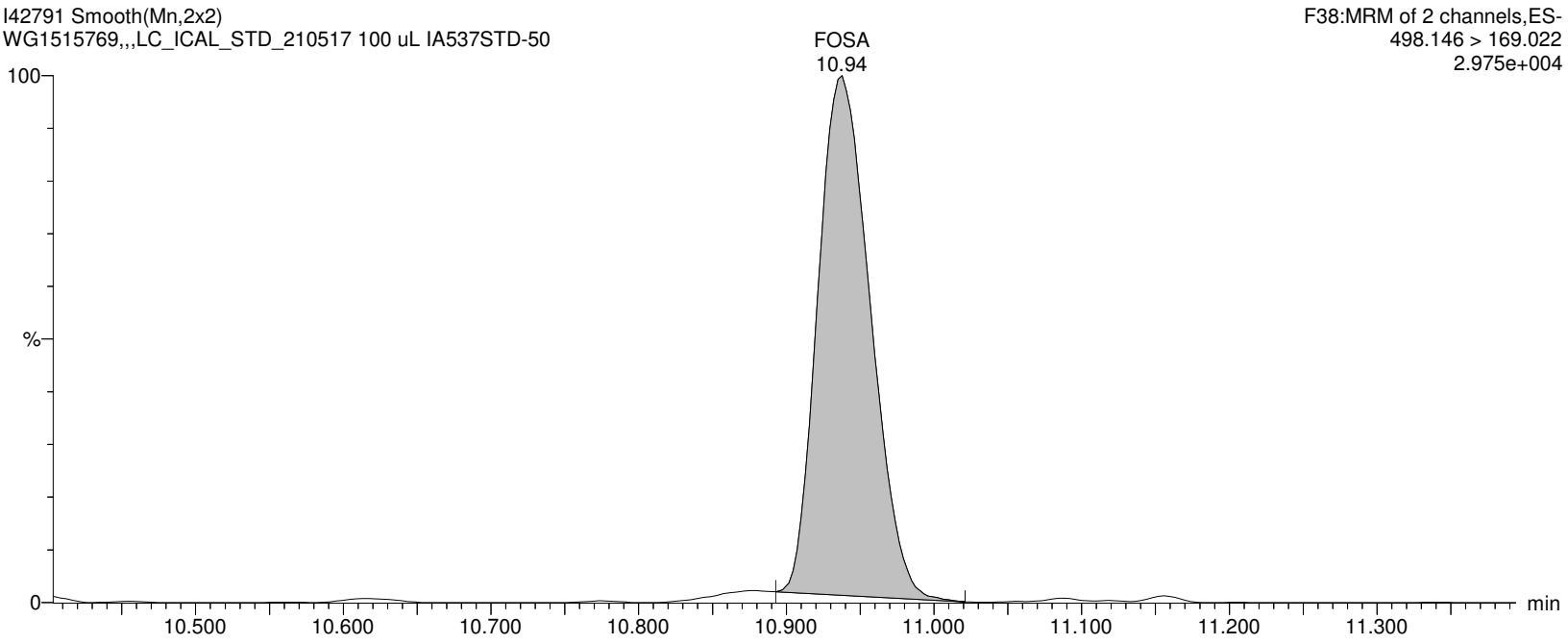
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

FOSA



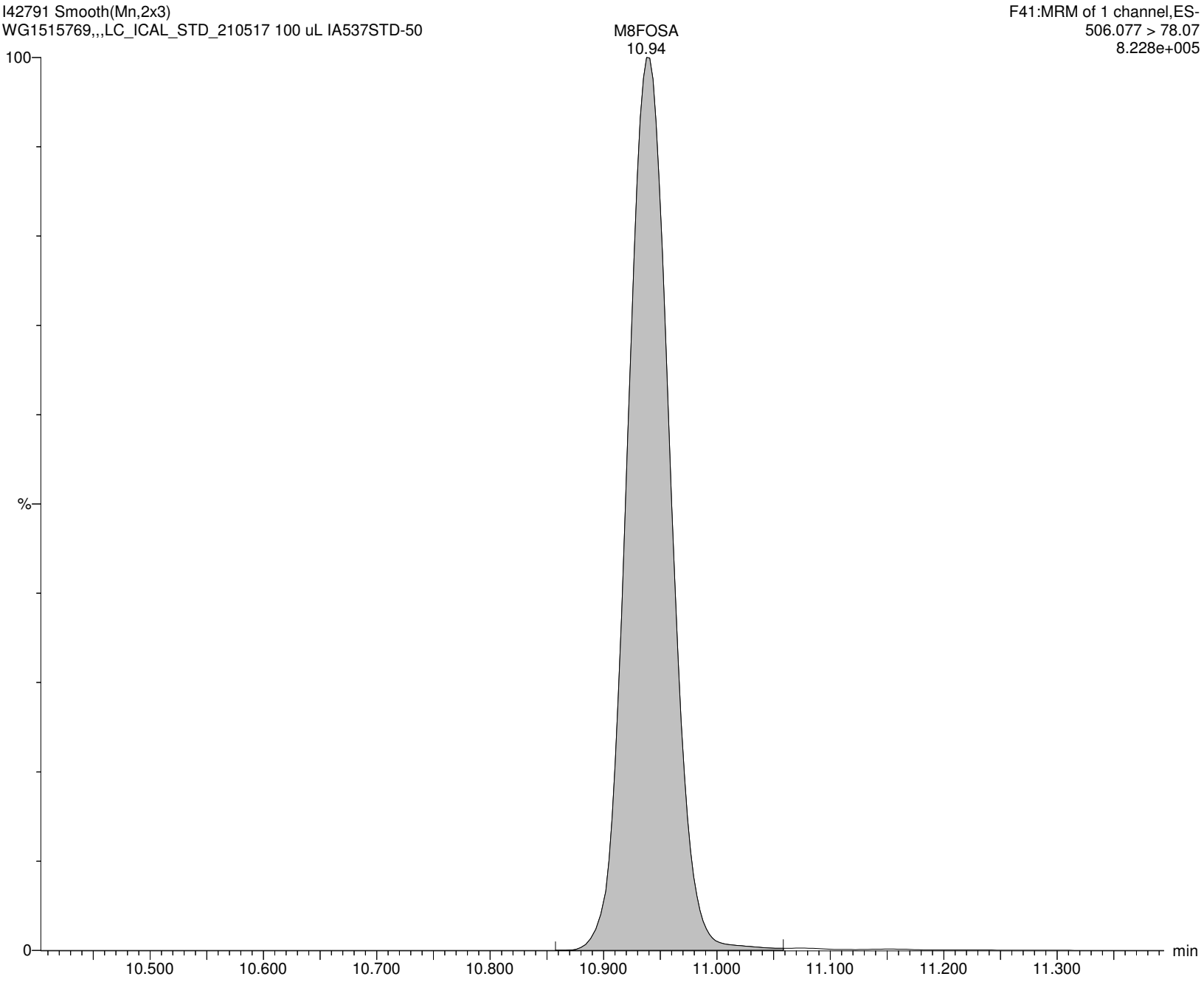


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8FOSA

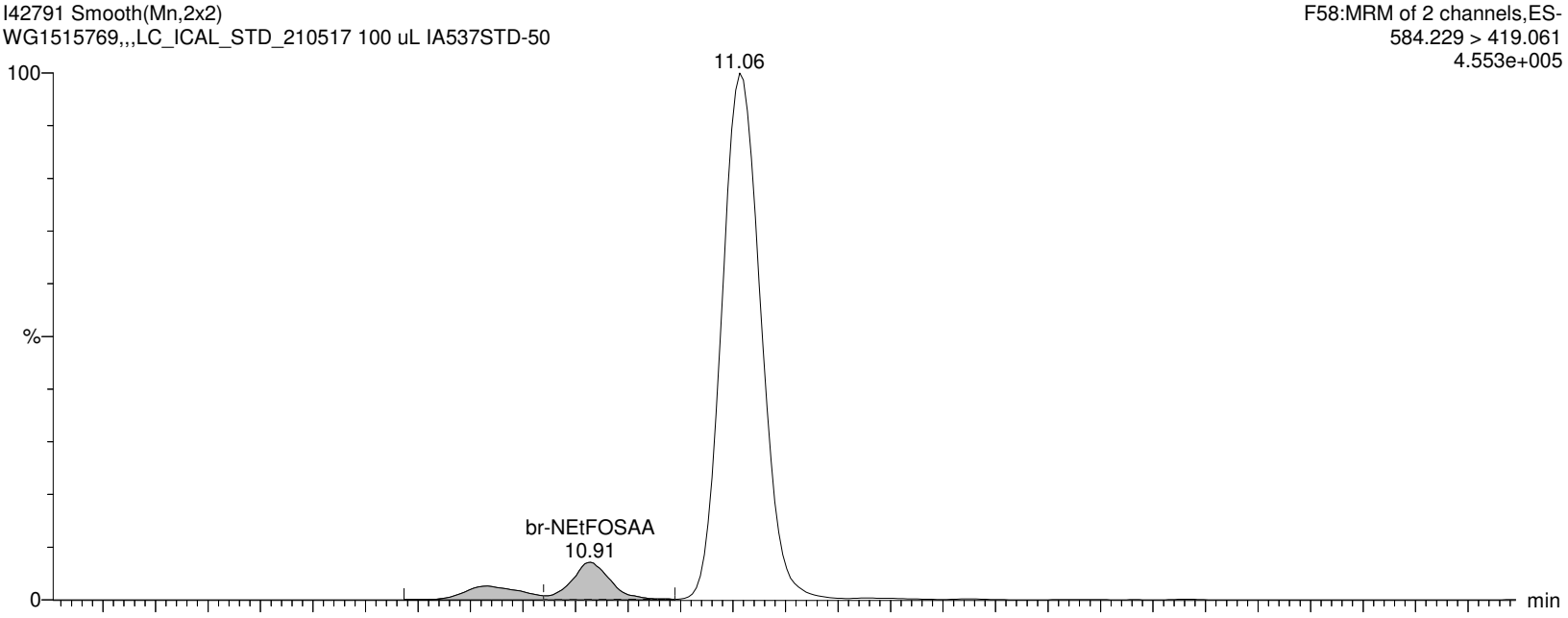


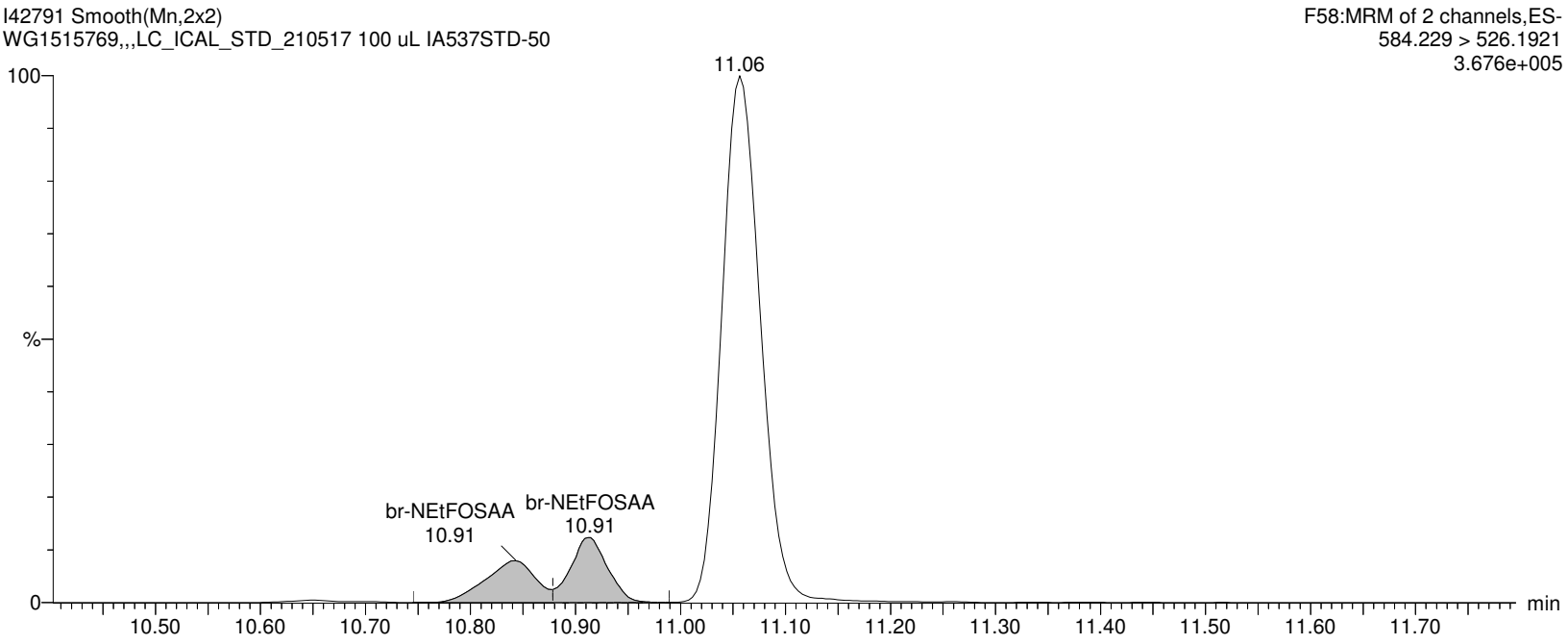
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NEtFOSAA



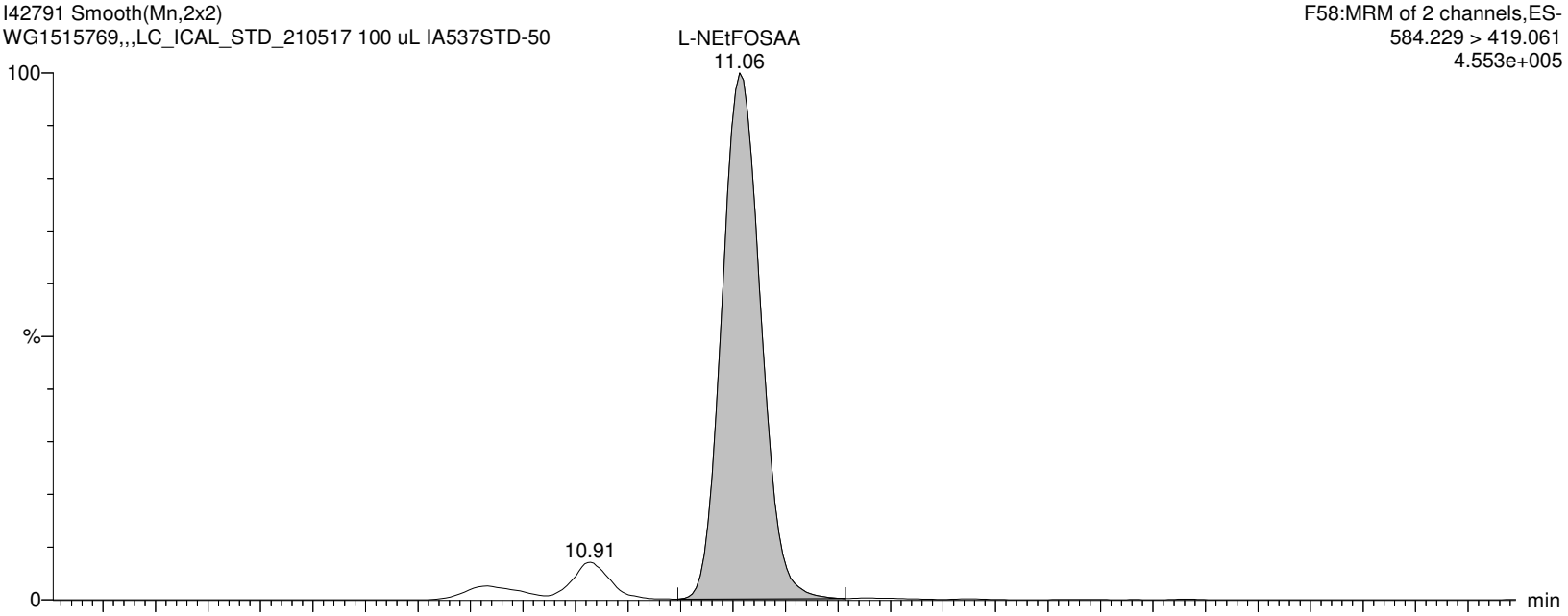


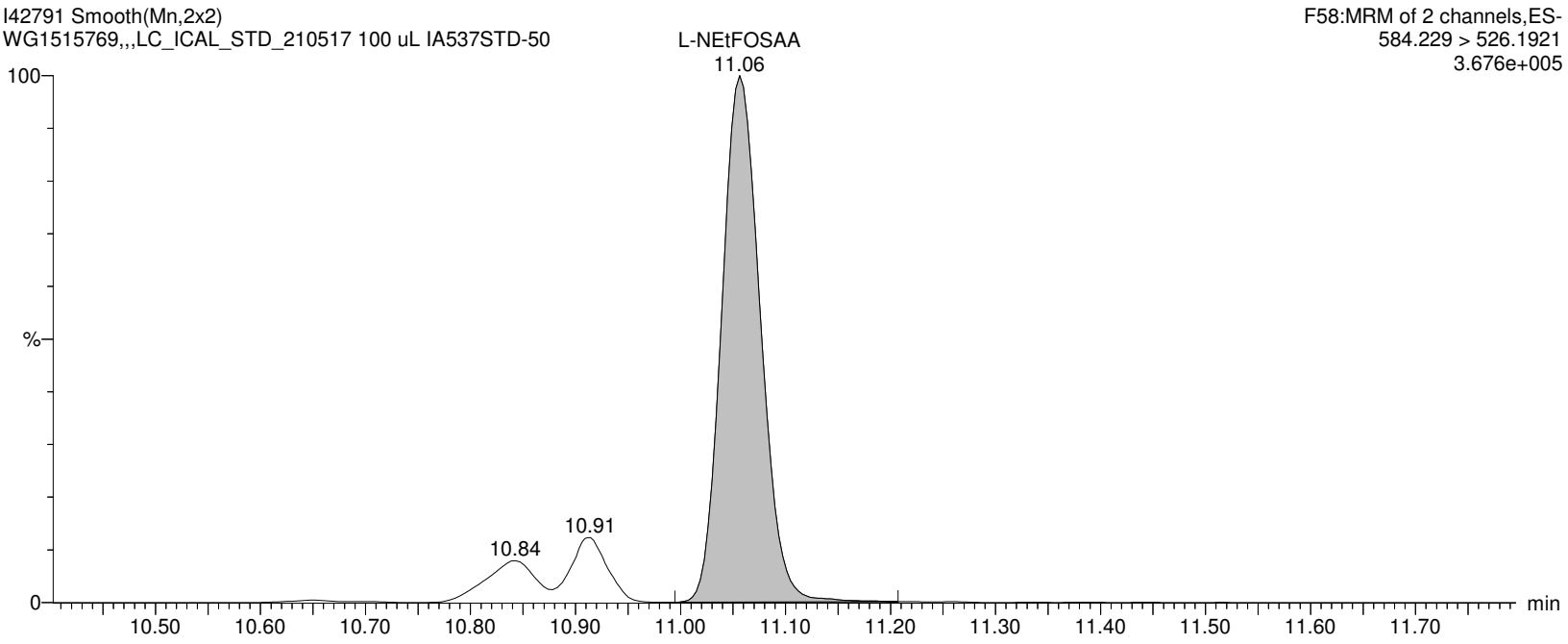
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NEtFOSAA



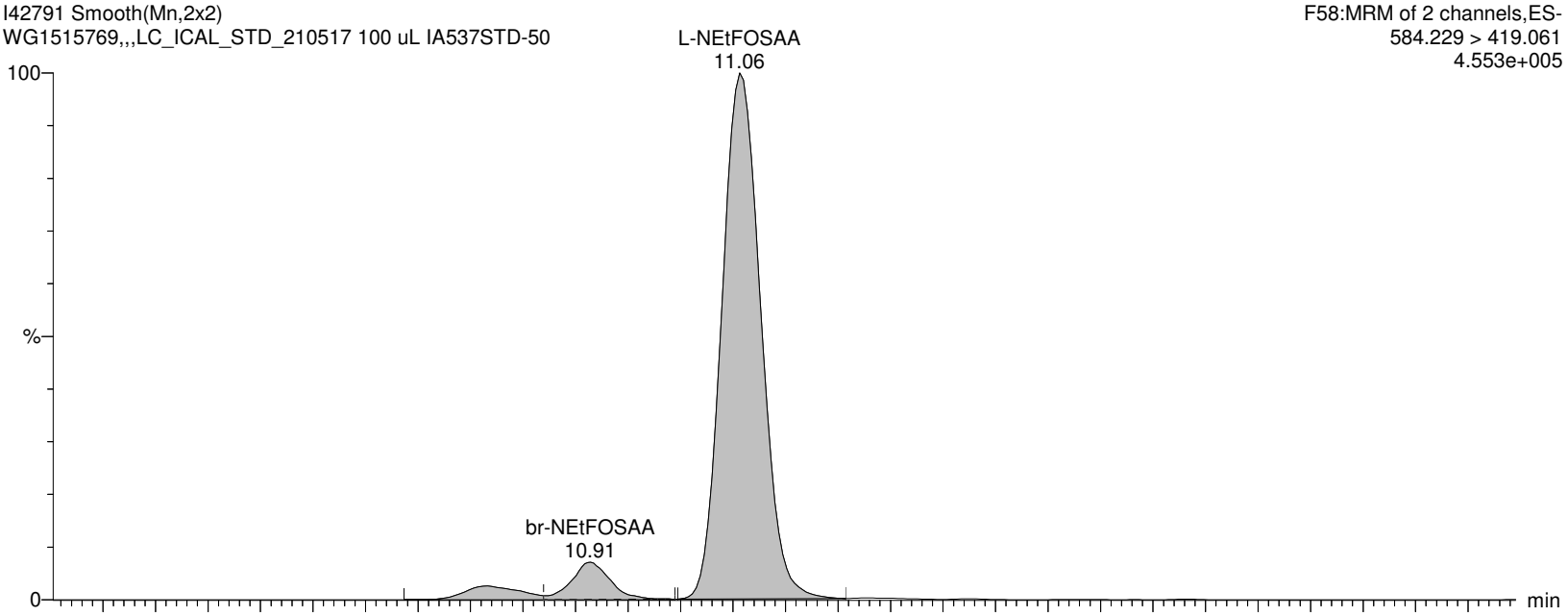


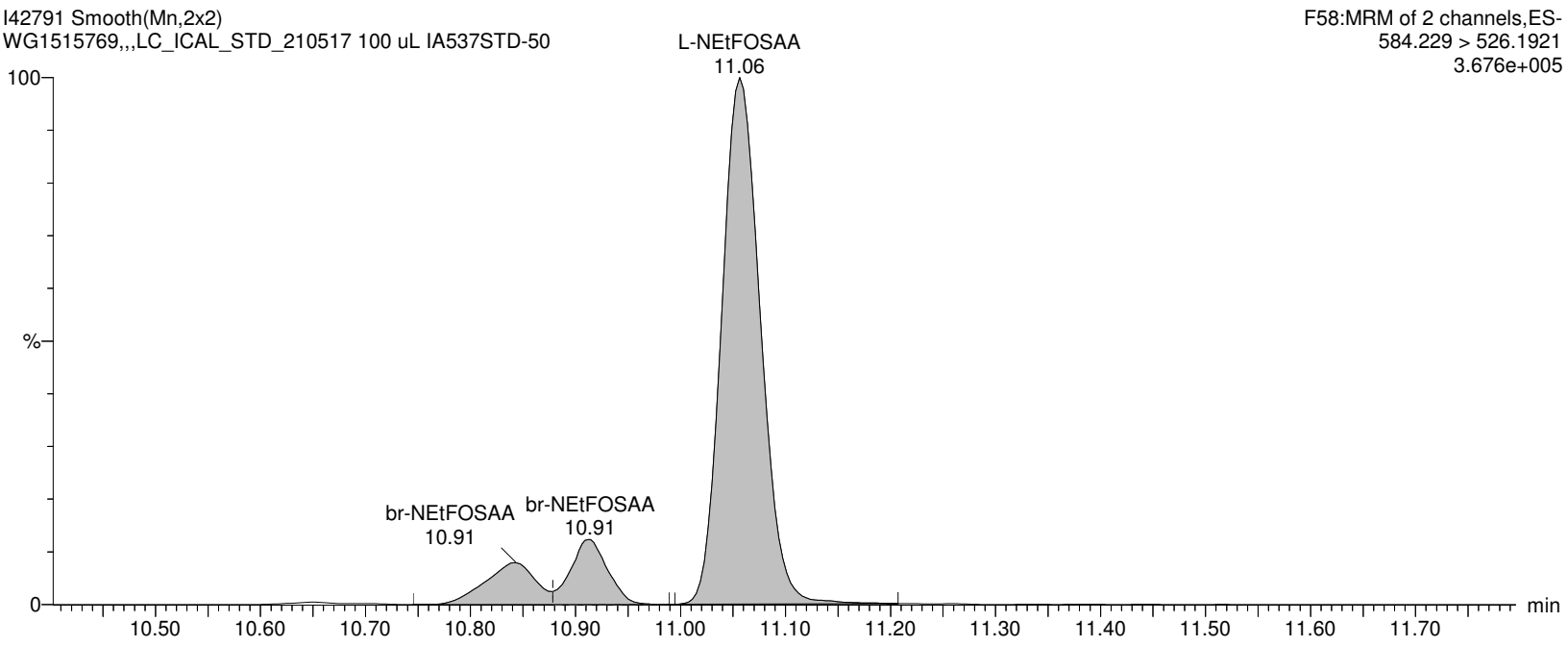
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSAA



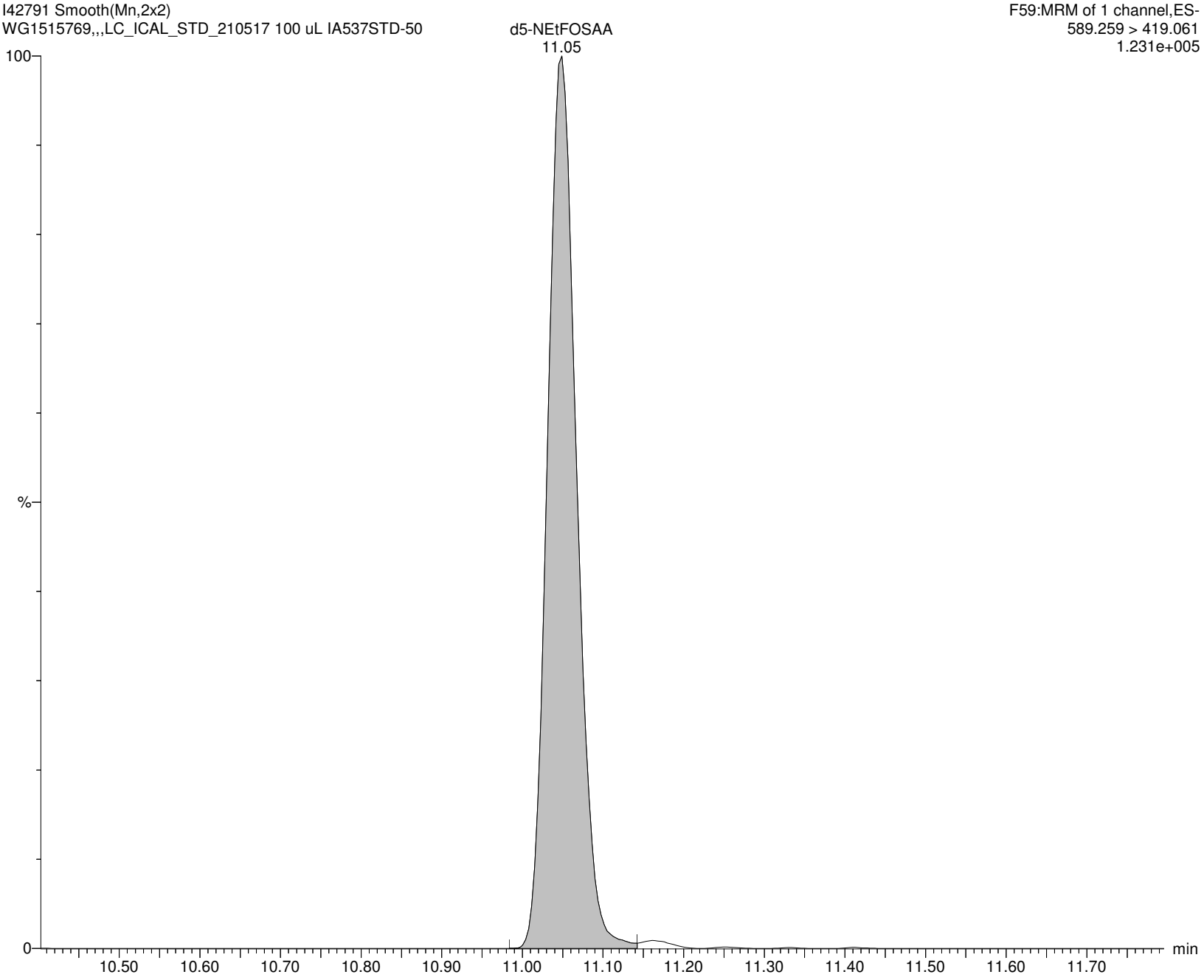


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSAA

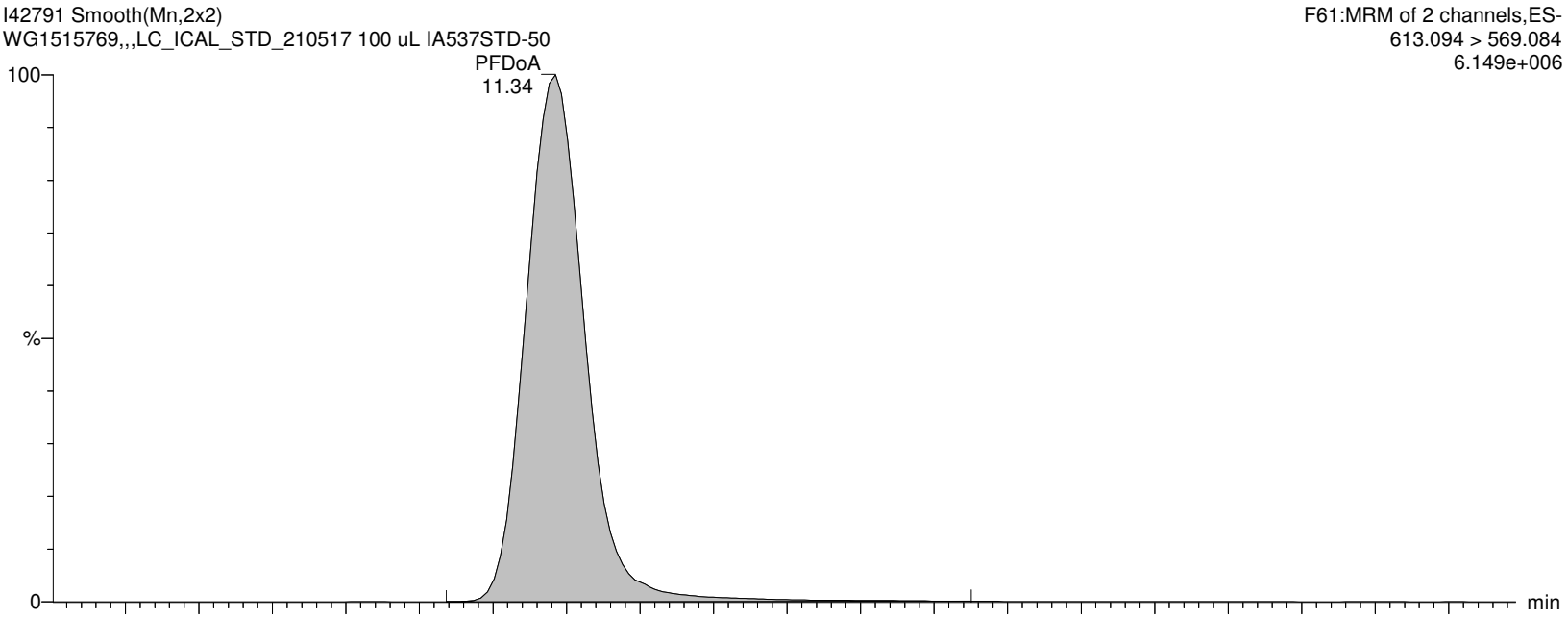


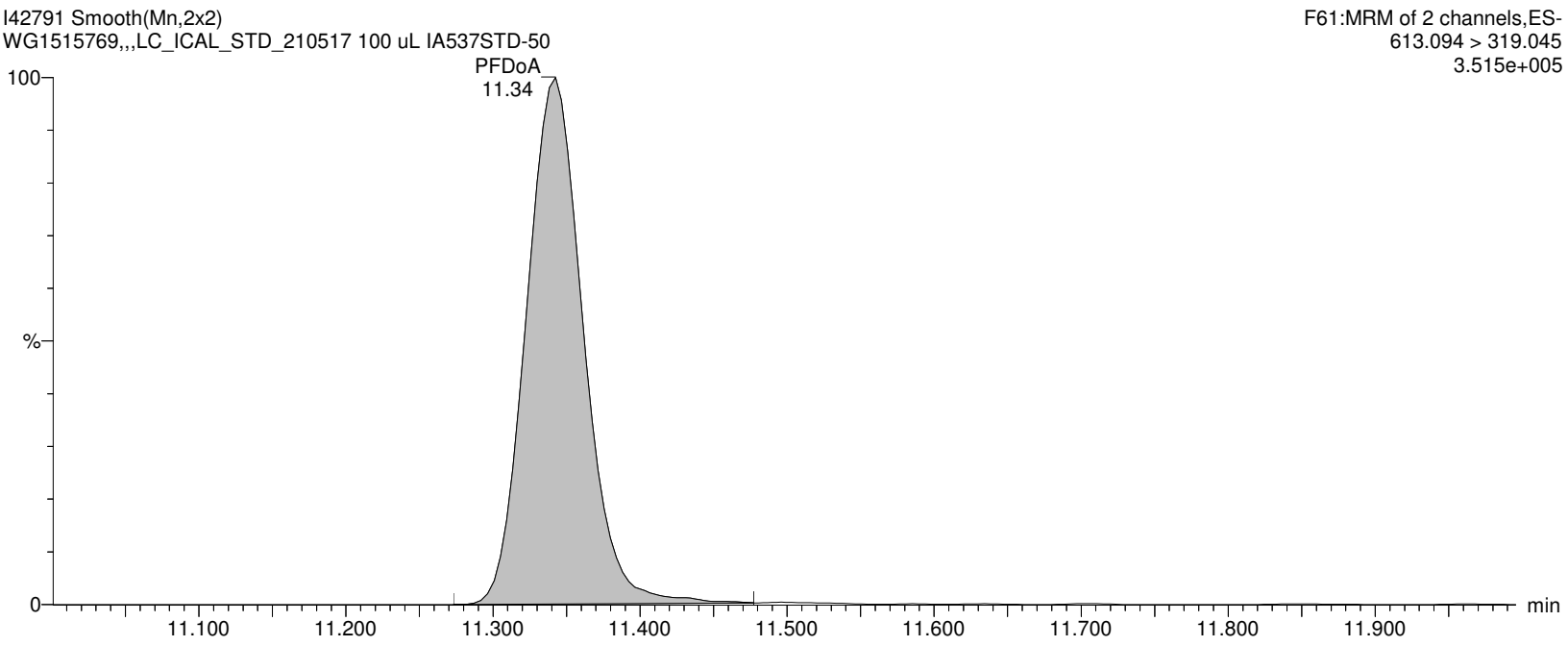
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoA



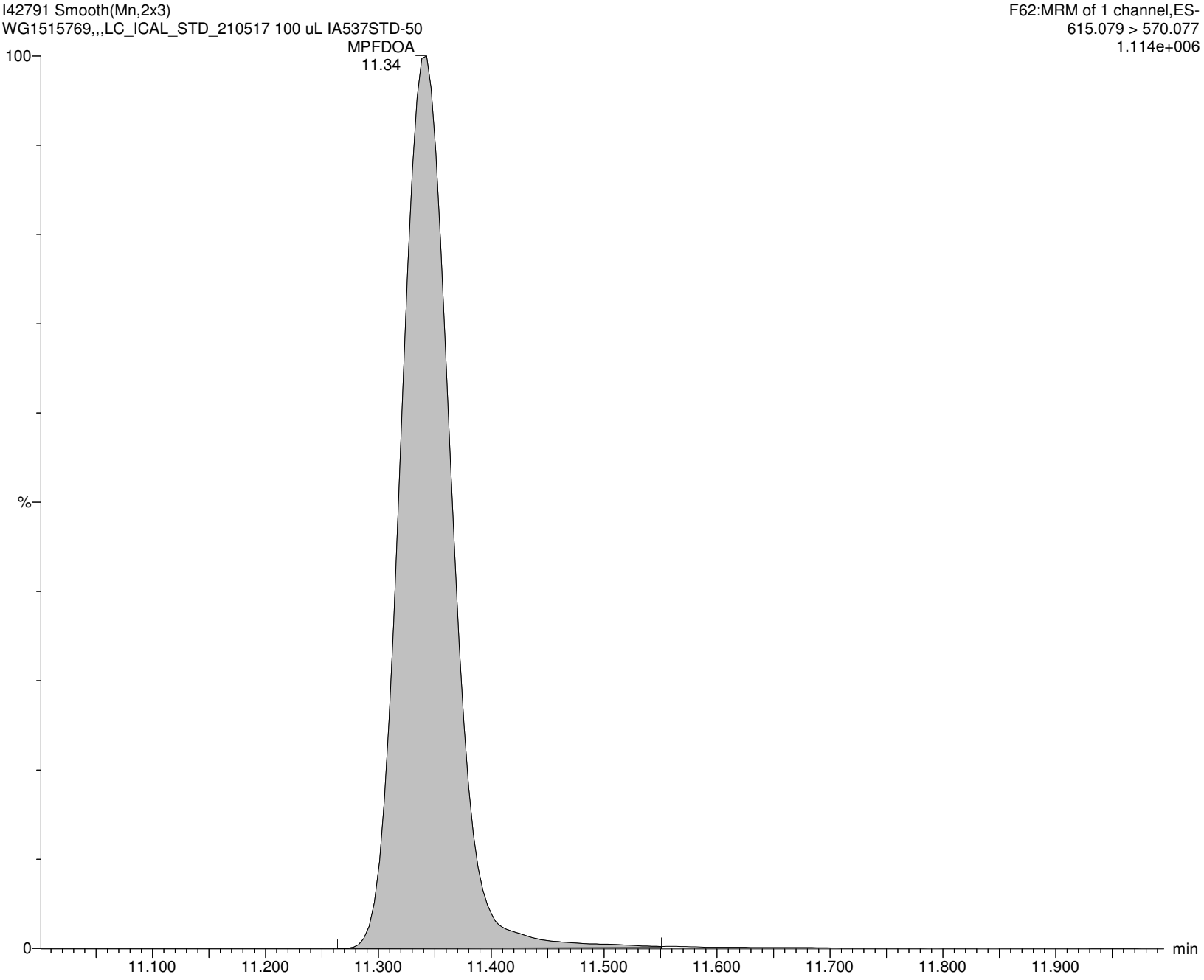


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFDOA

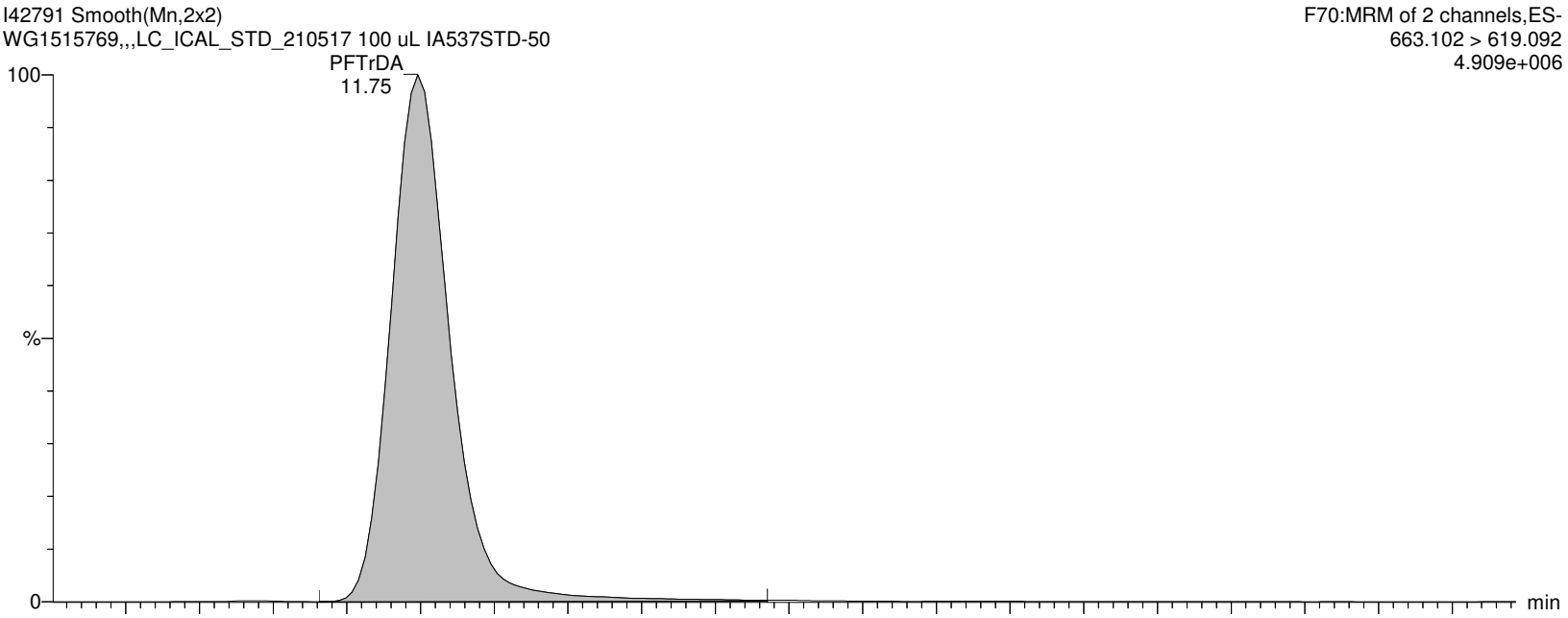


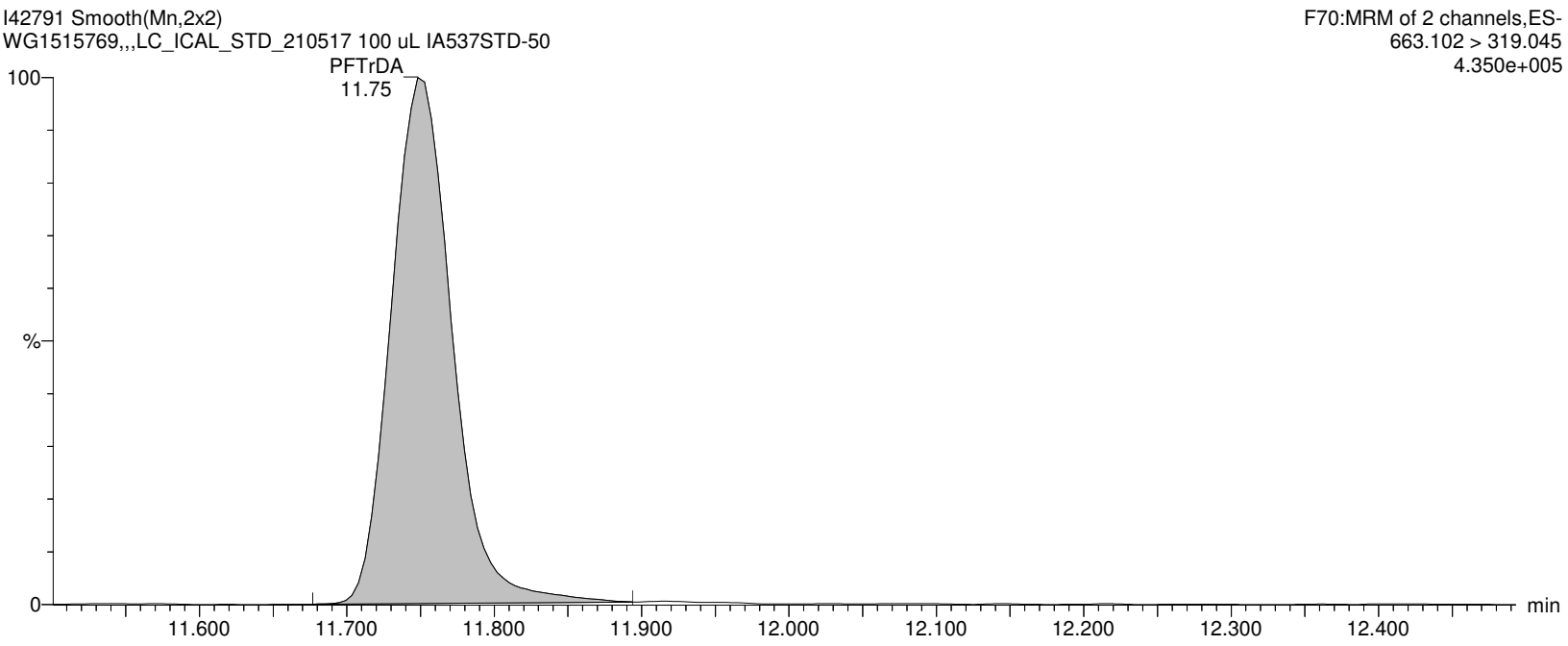
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTrDA



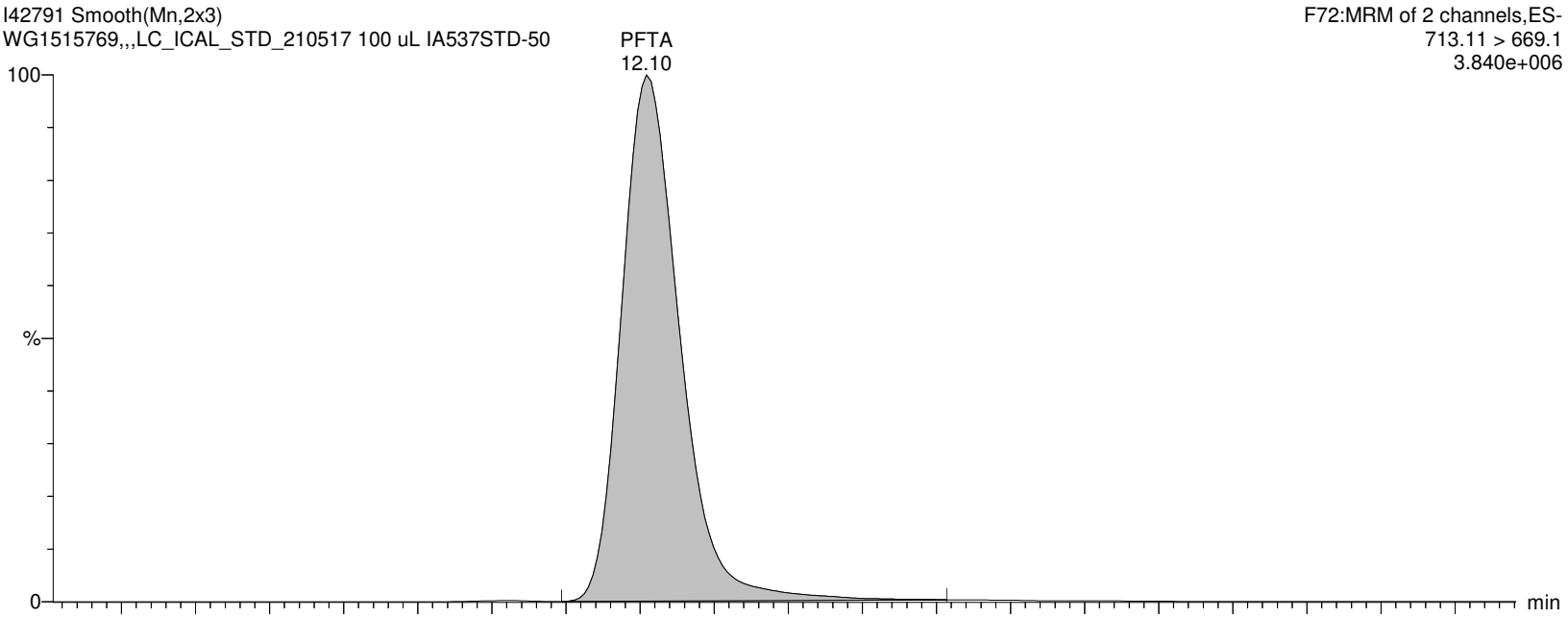


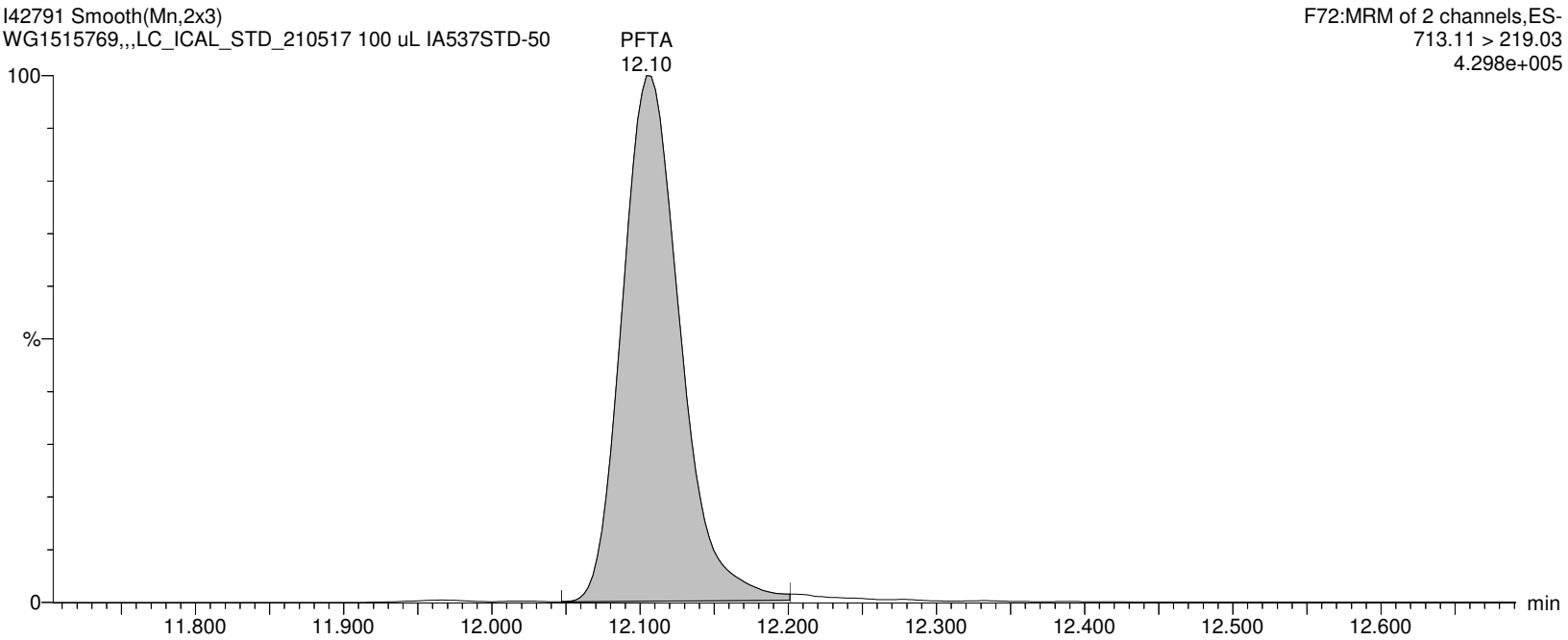
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTA



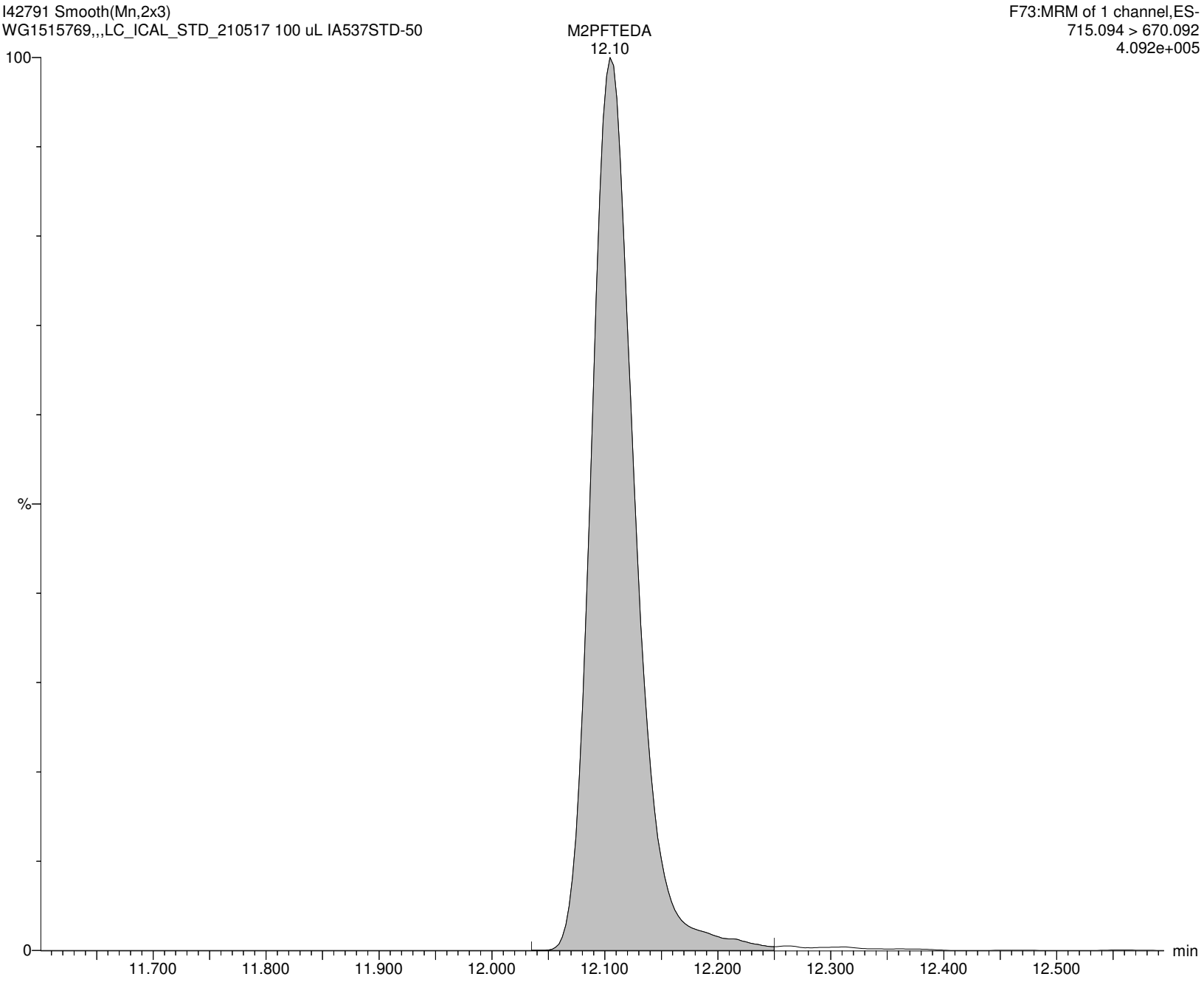


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFTEDA

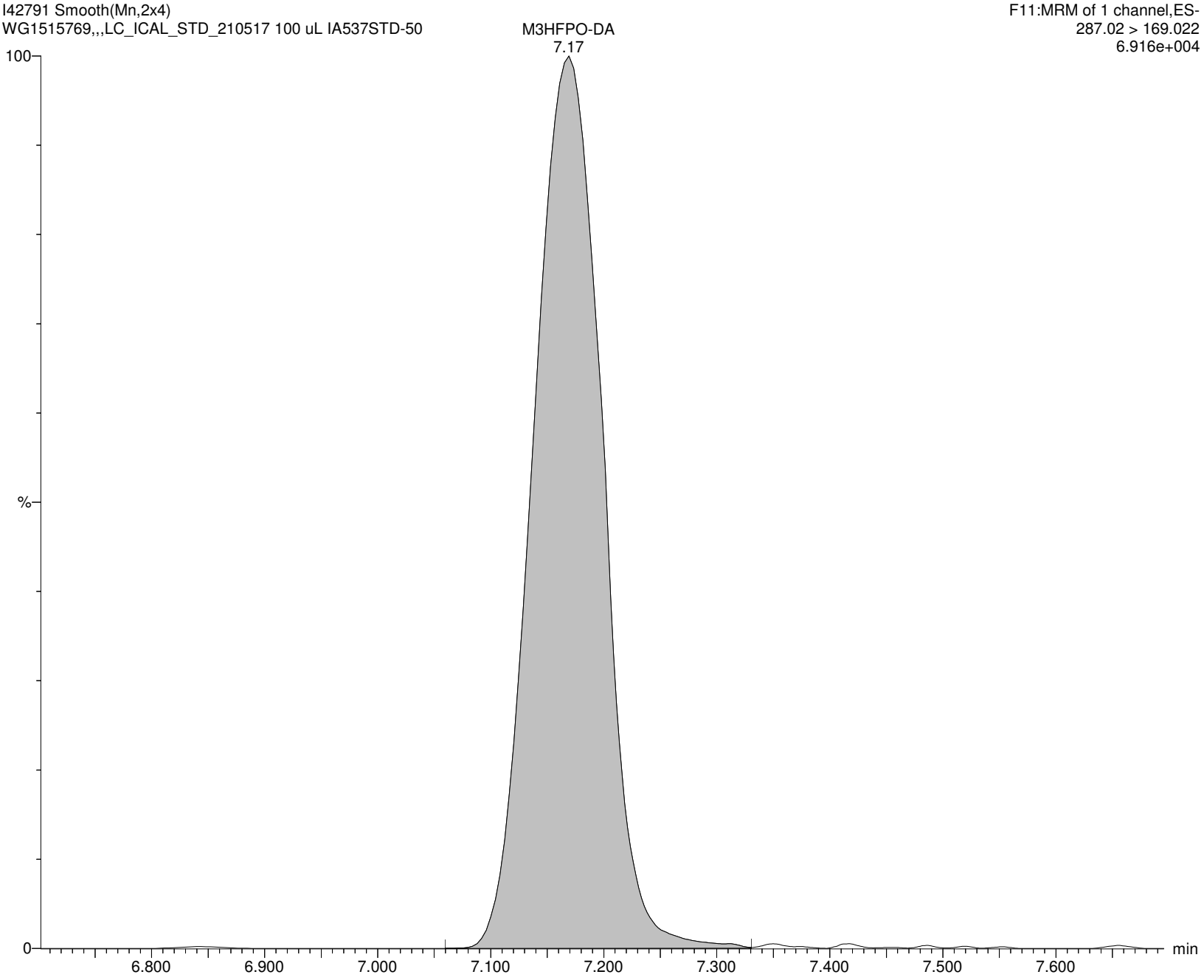


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3HFPO-DA

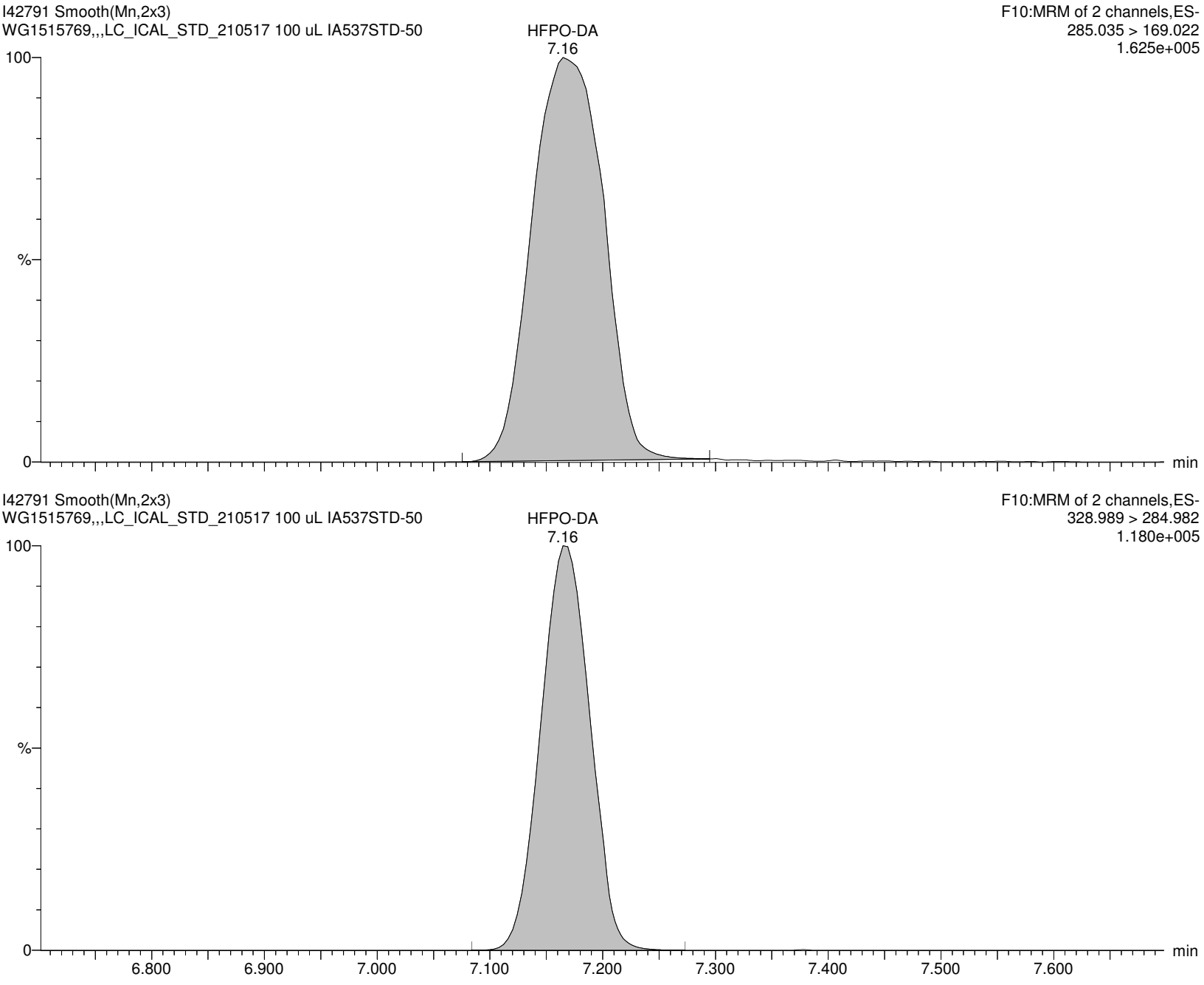


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

HFPO-DA

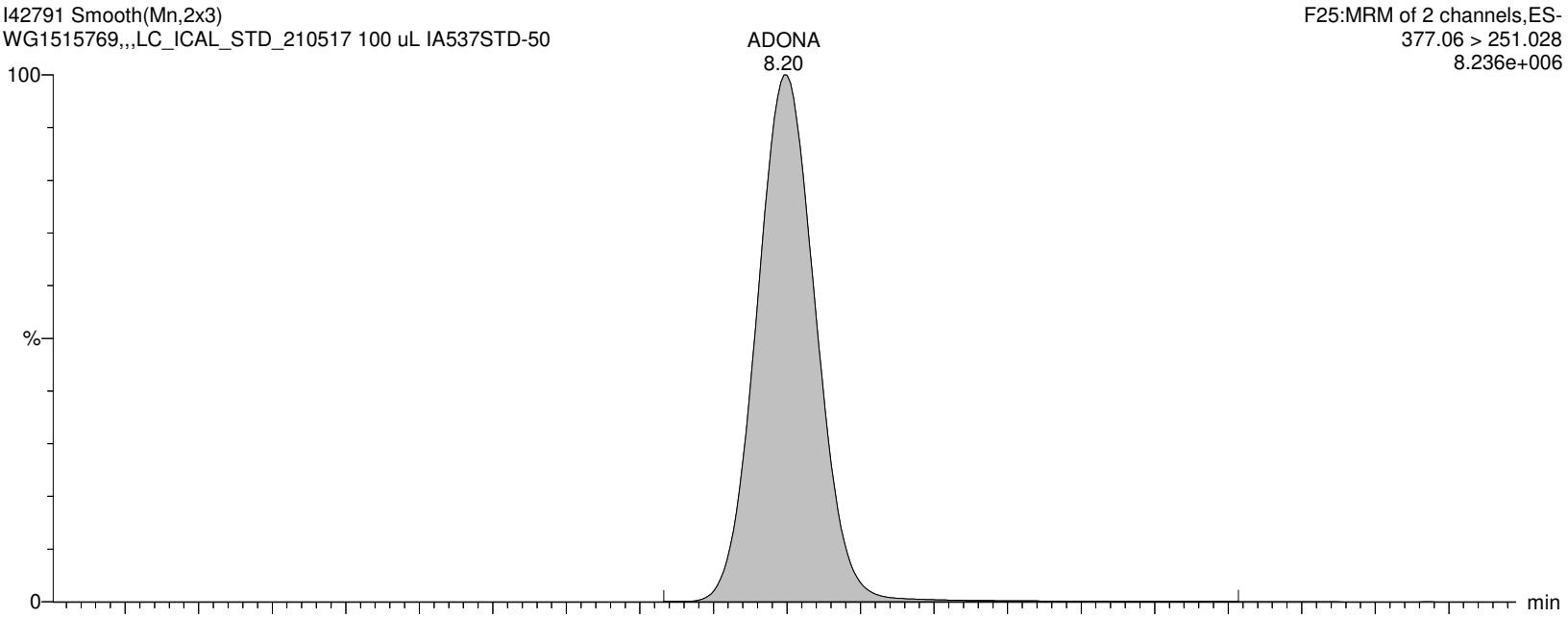


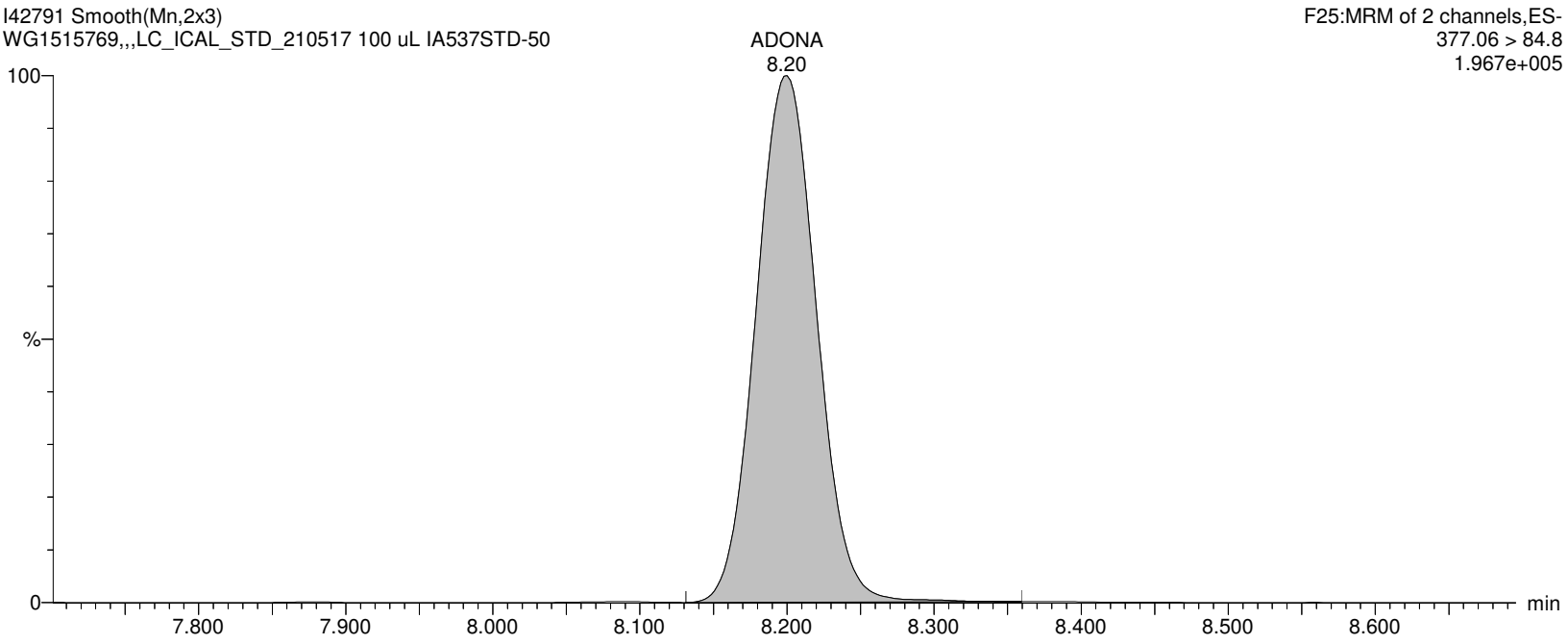
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

ADONA



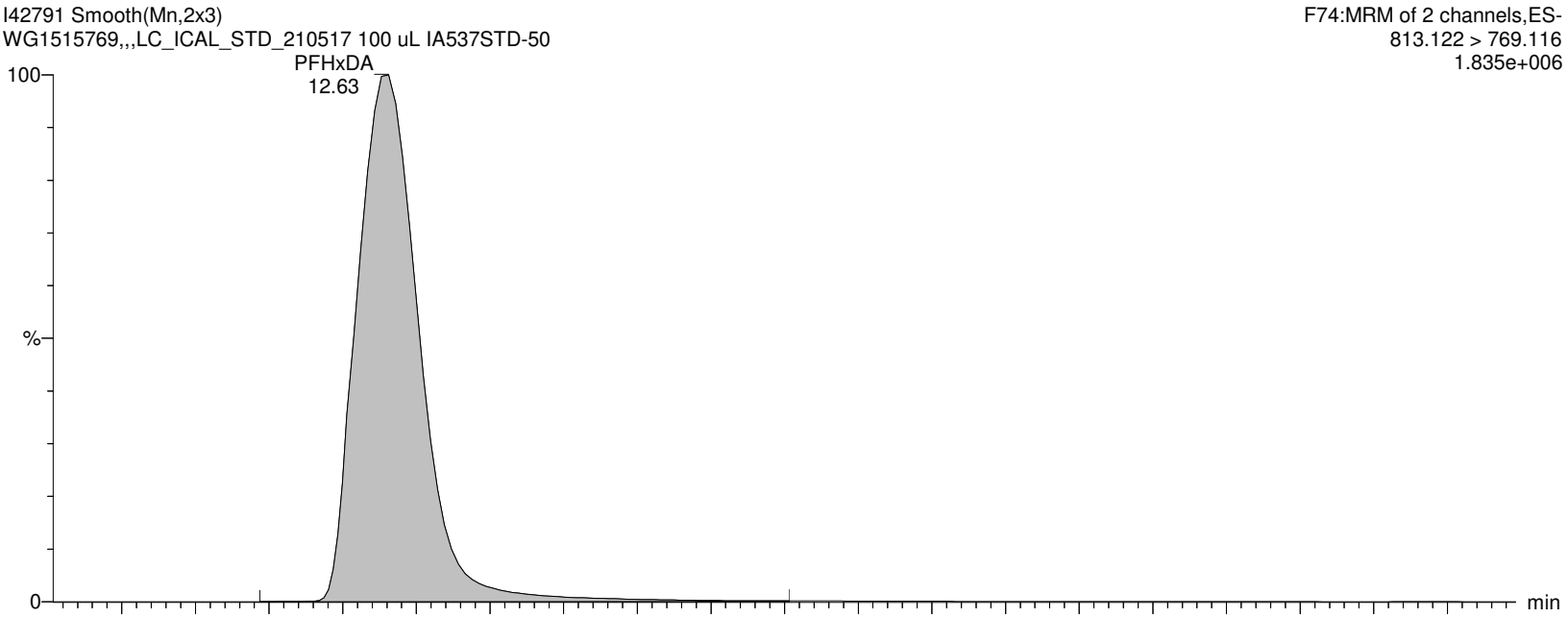


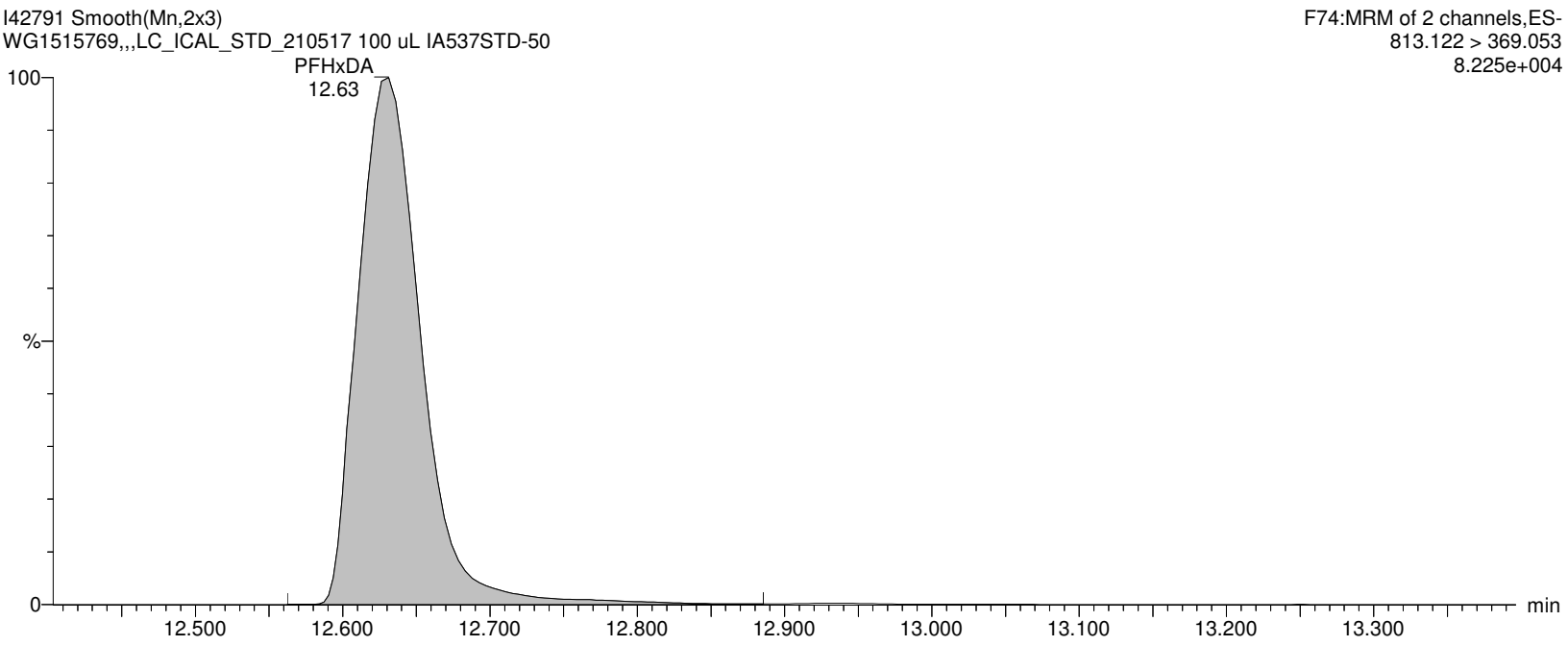
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxDA



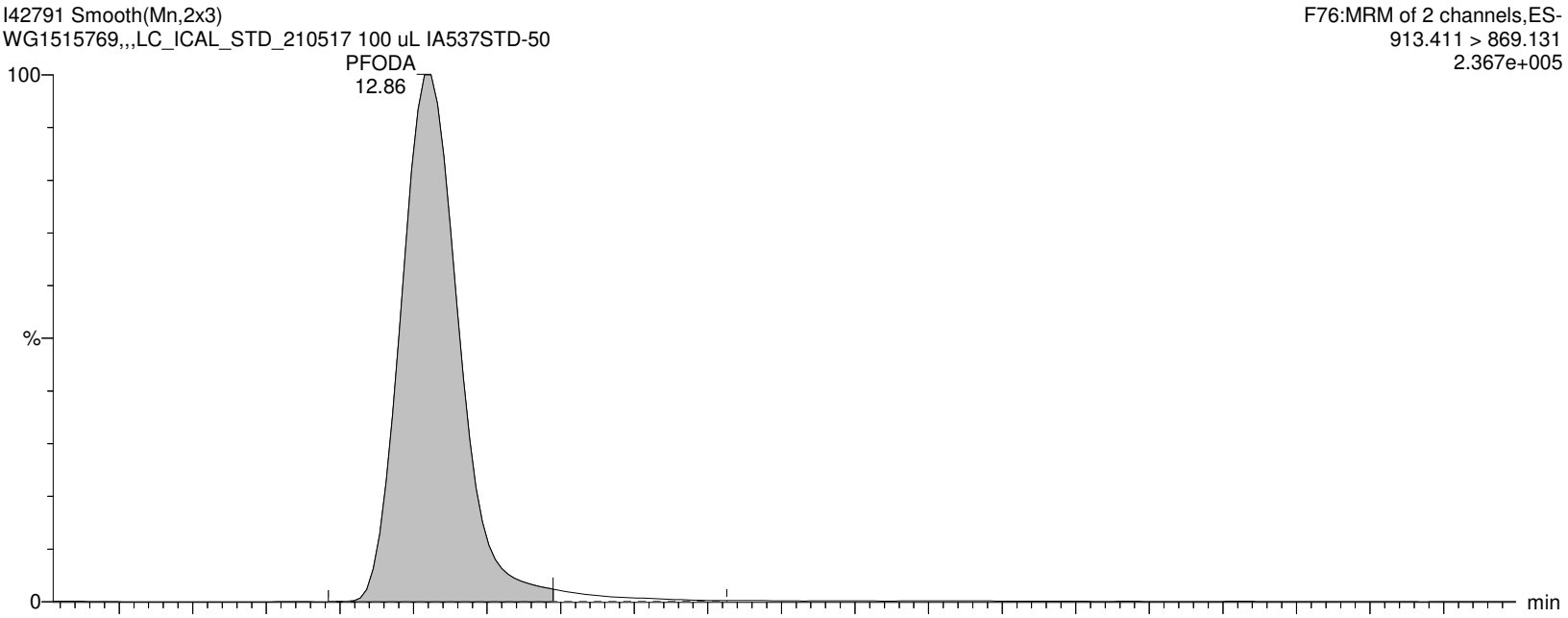


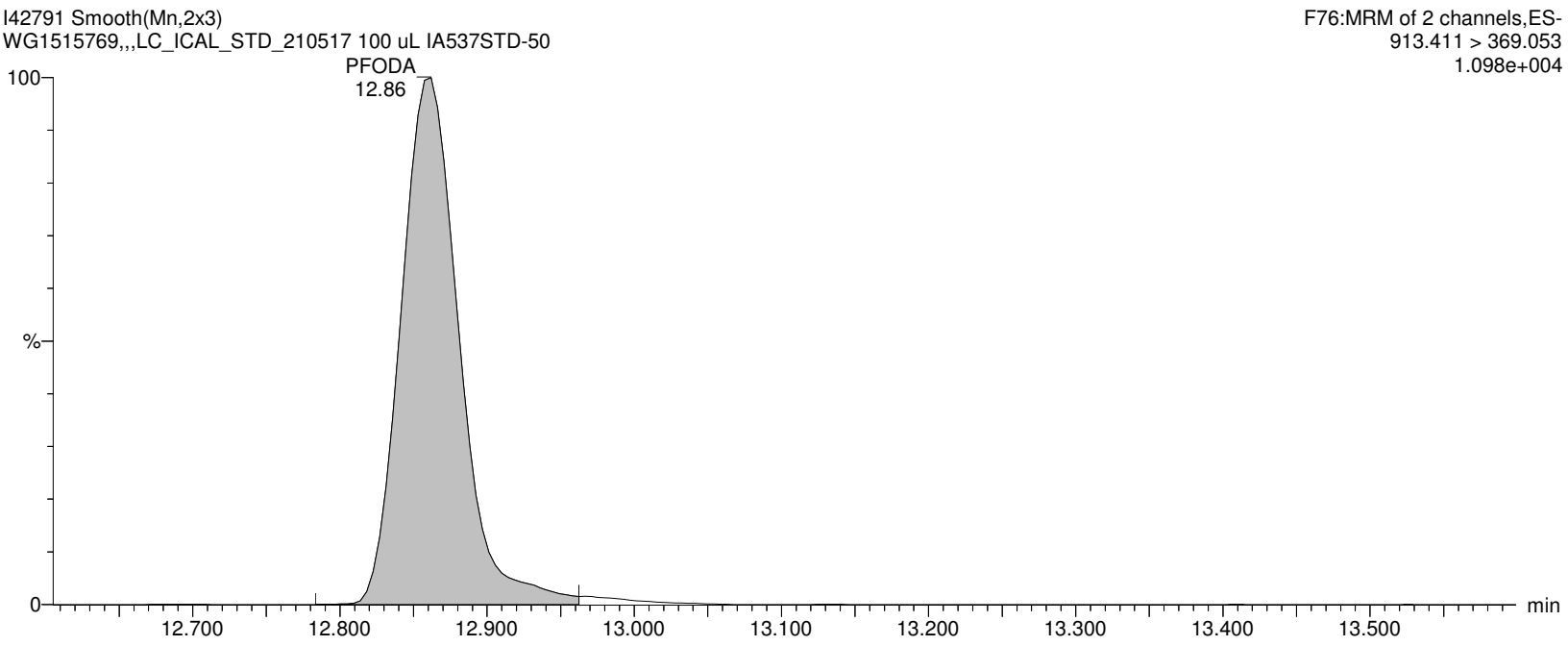
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFODA



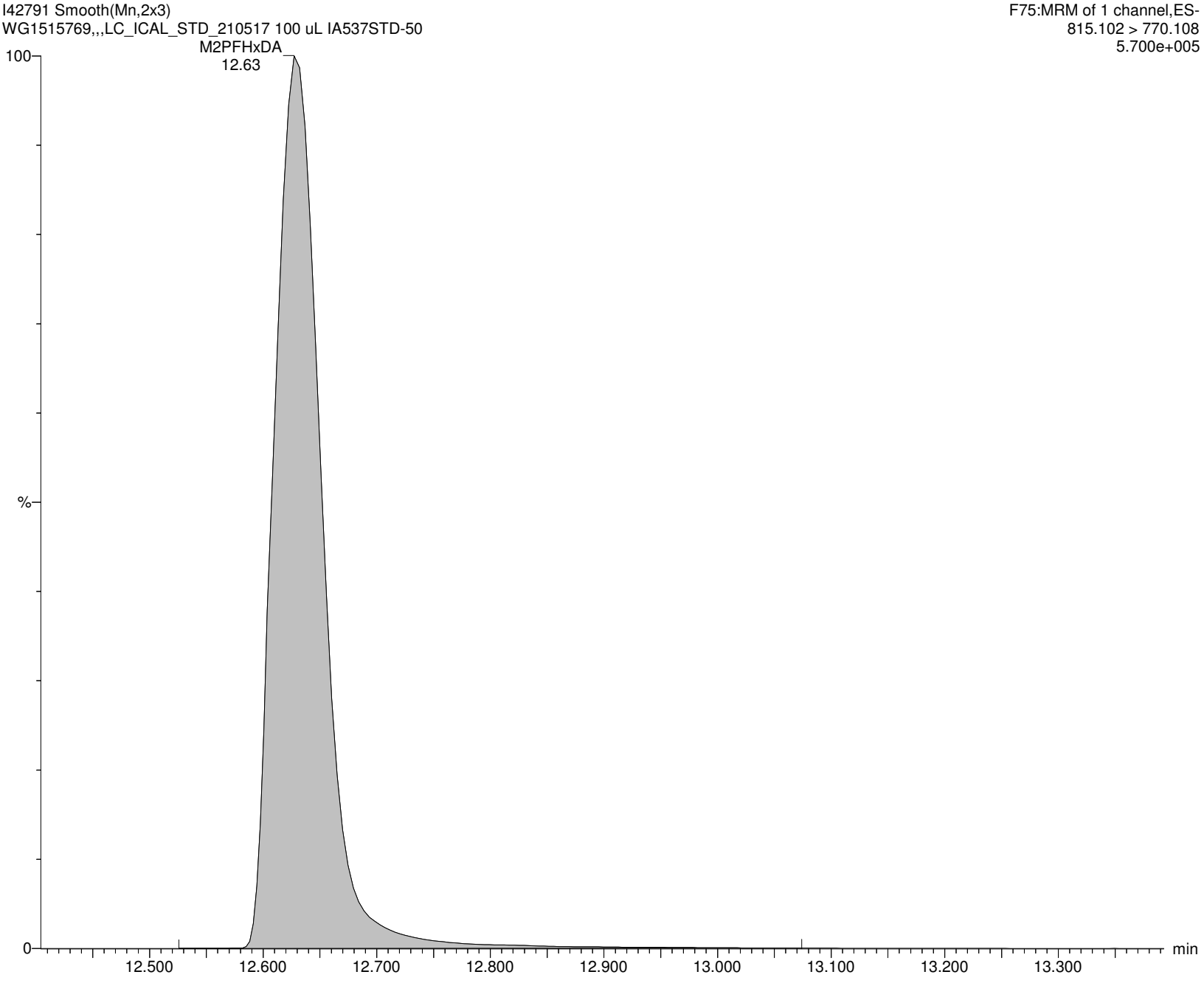


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFHxDA

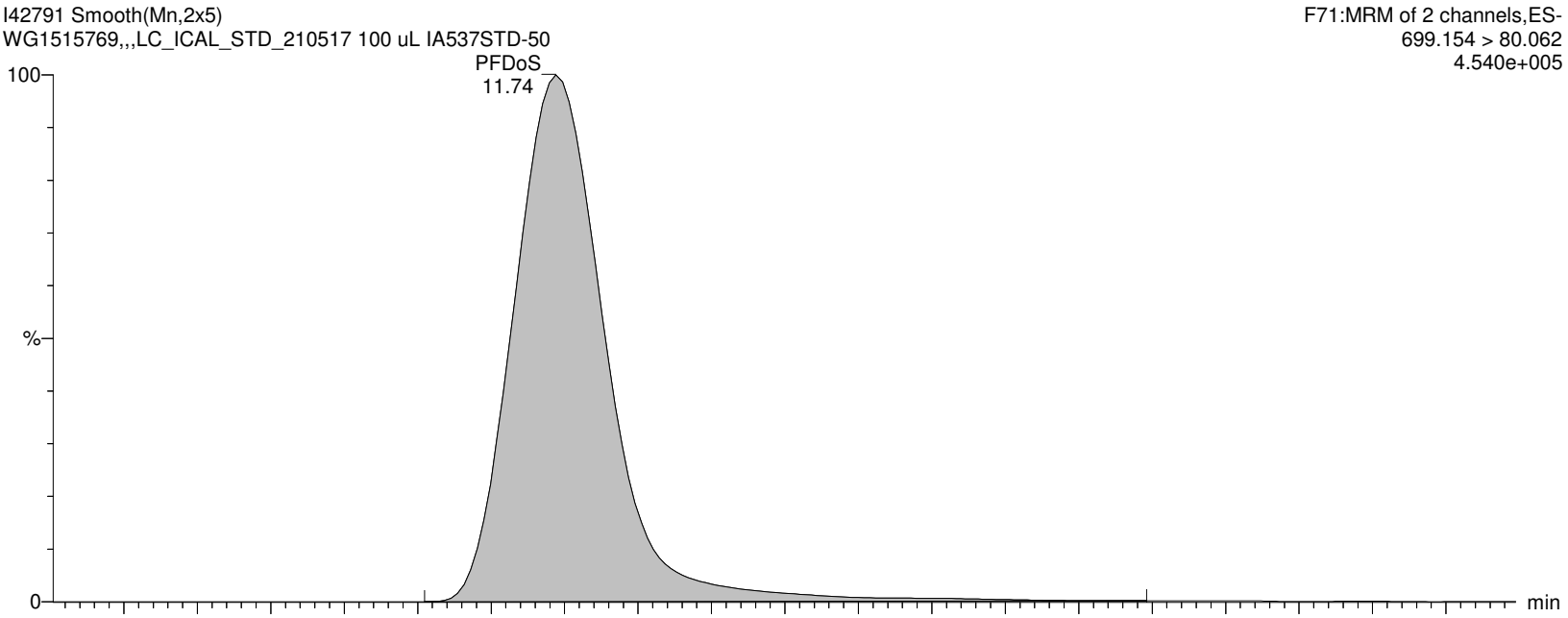


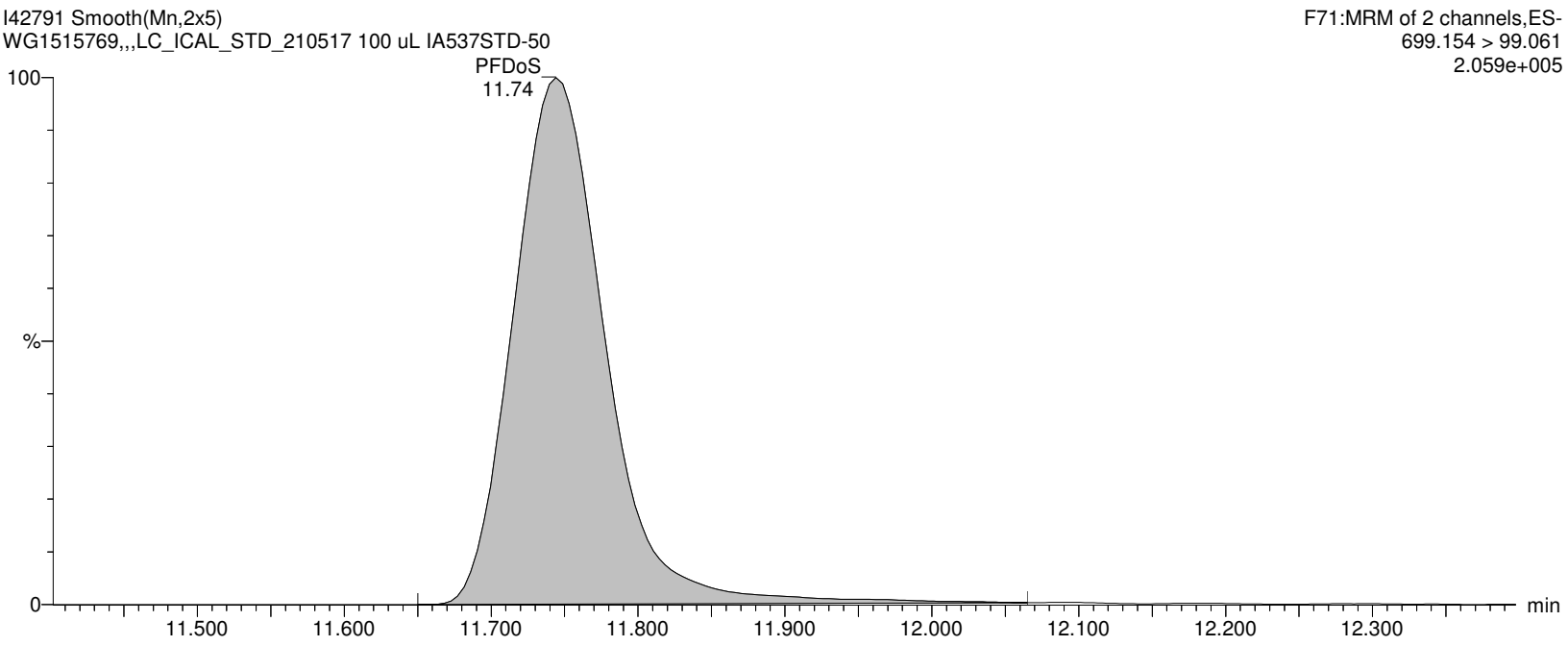
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoS



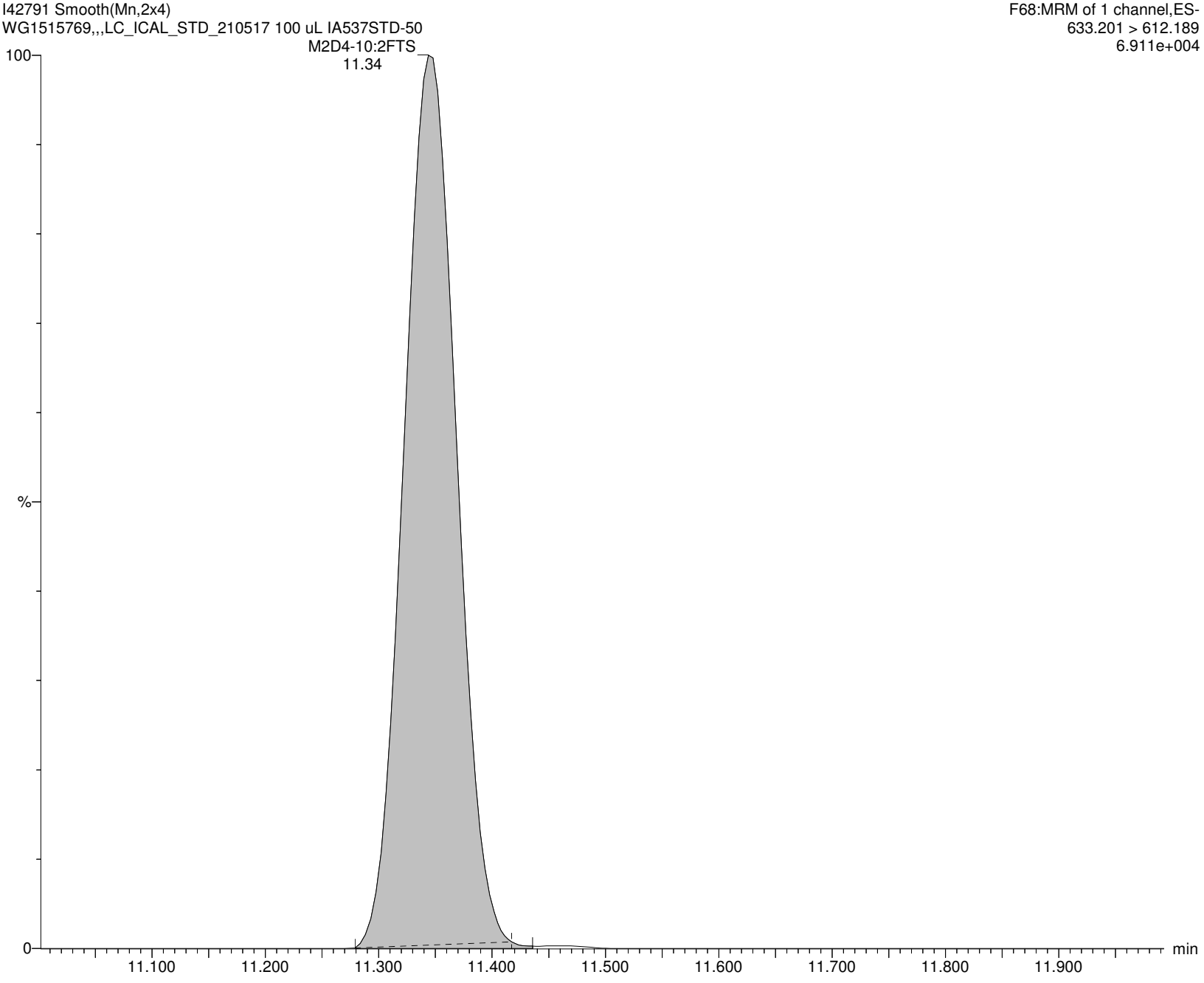


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2D4-10:2FTS

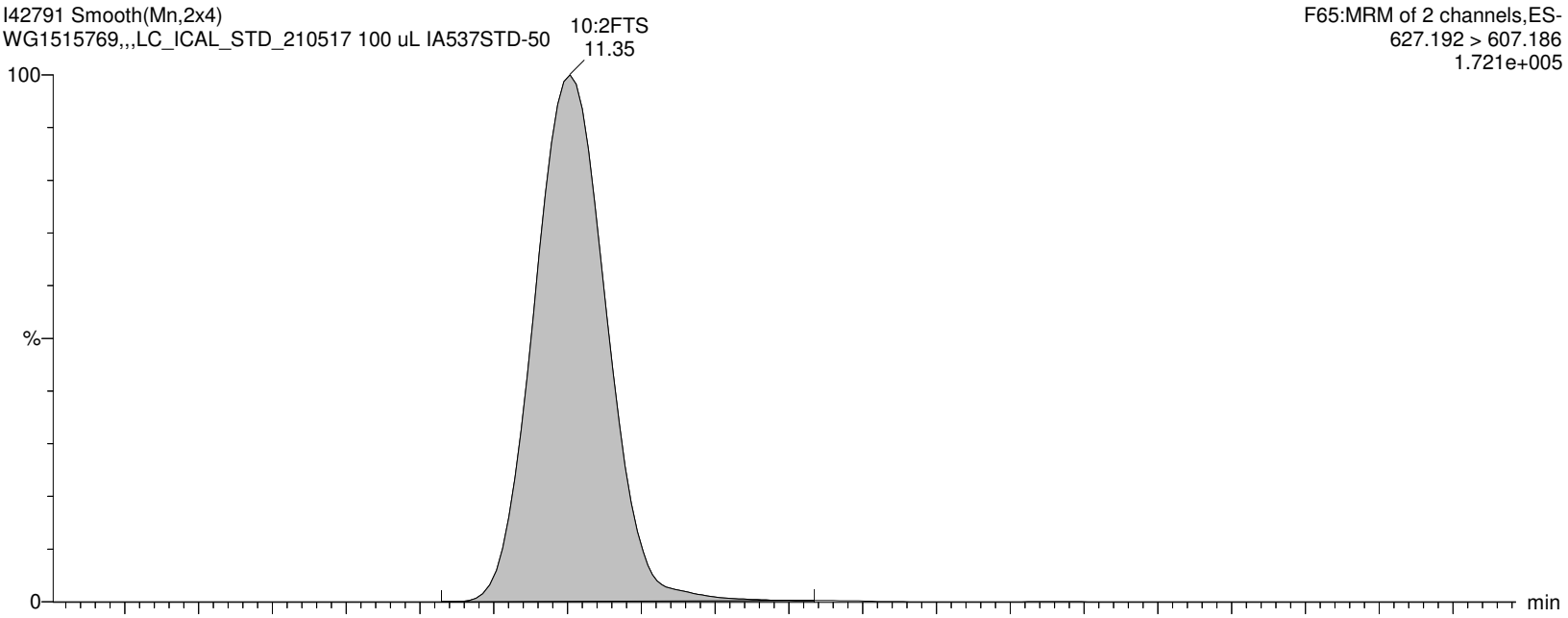


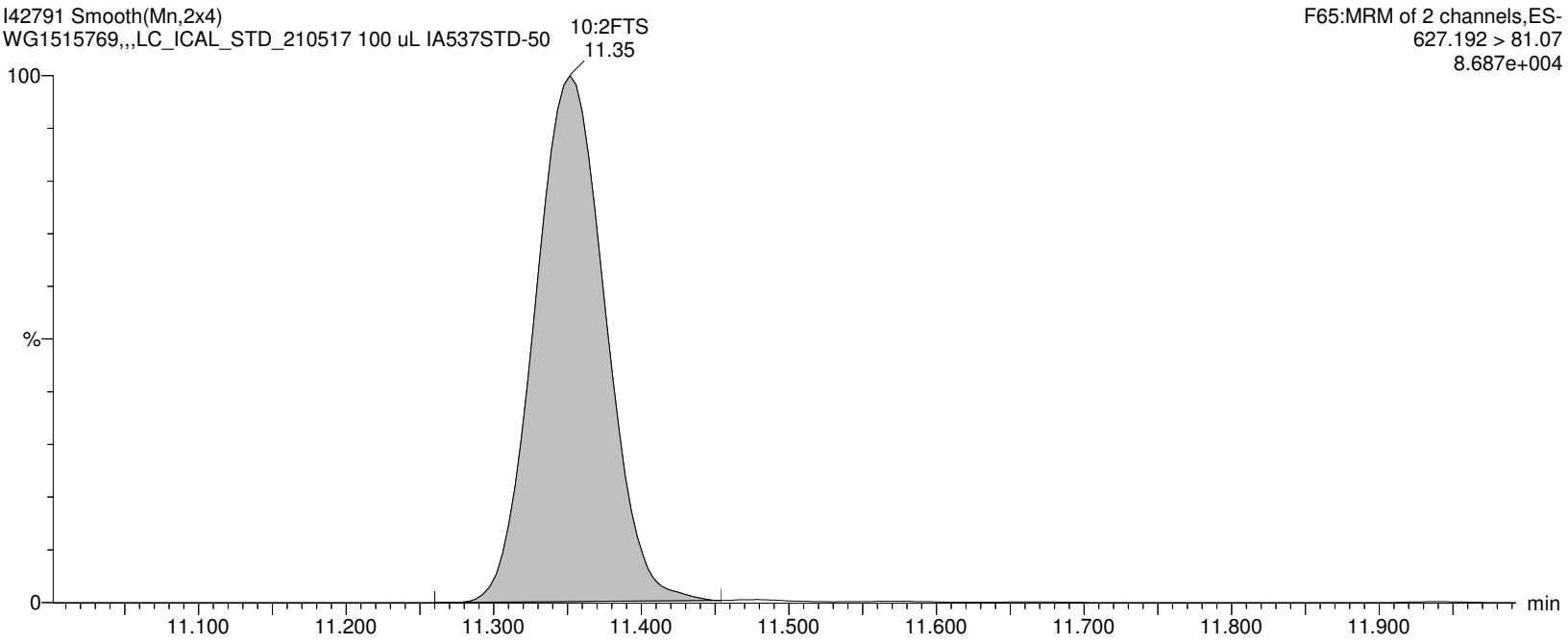
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

10:2FTS



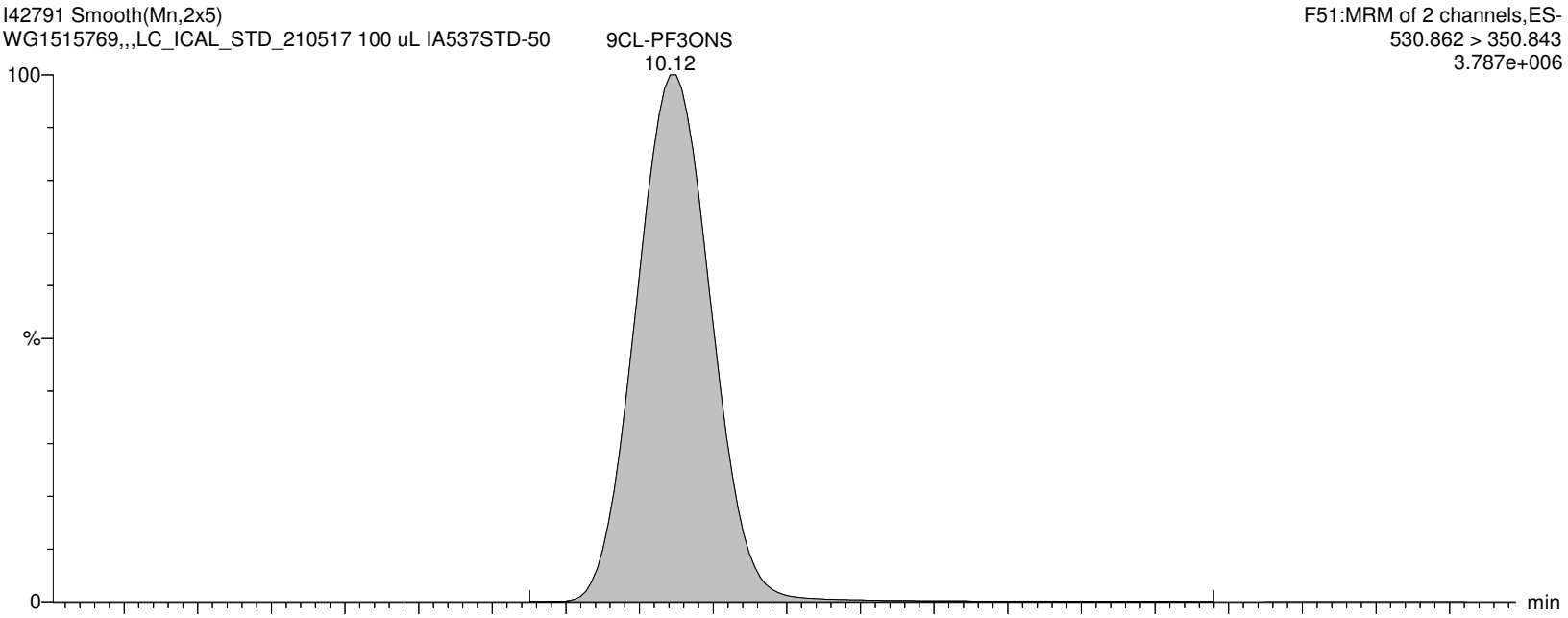


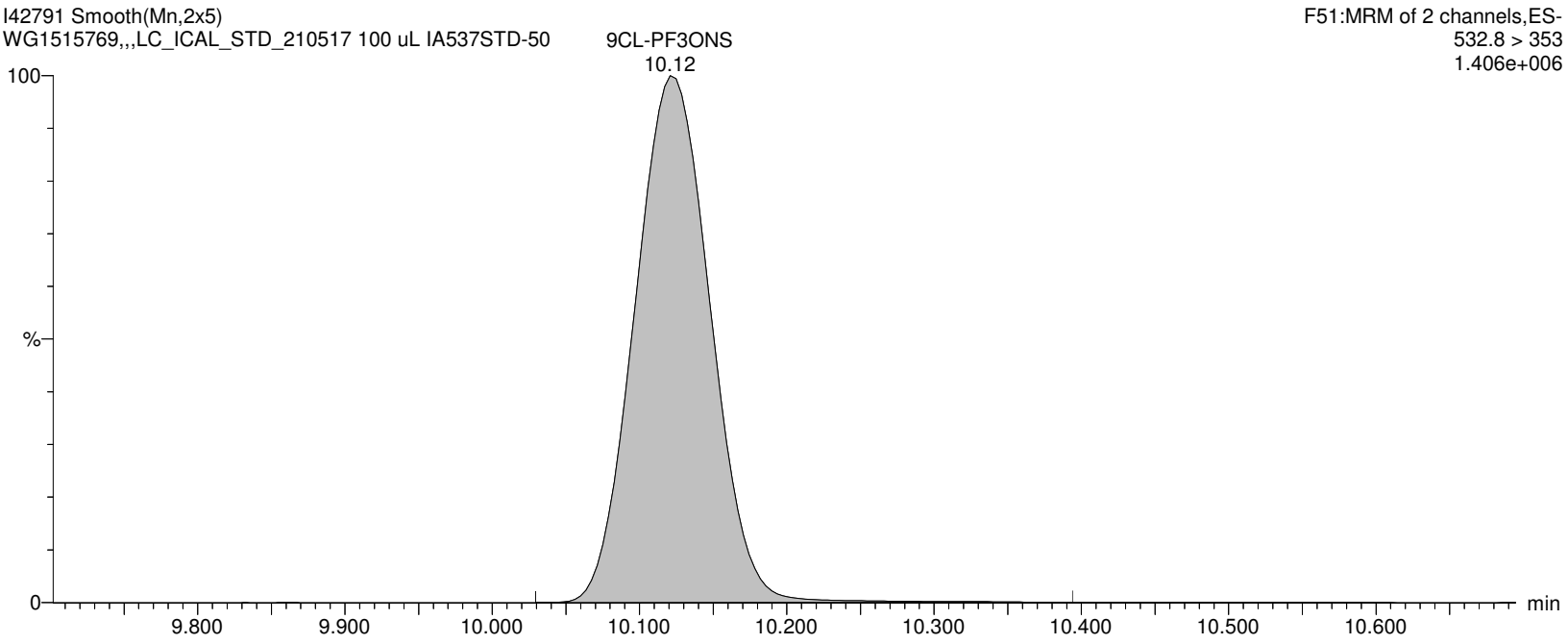
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

9CL-PF3ONS



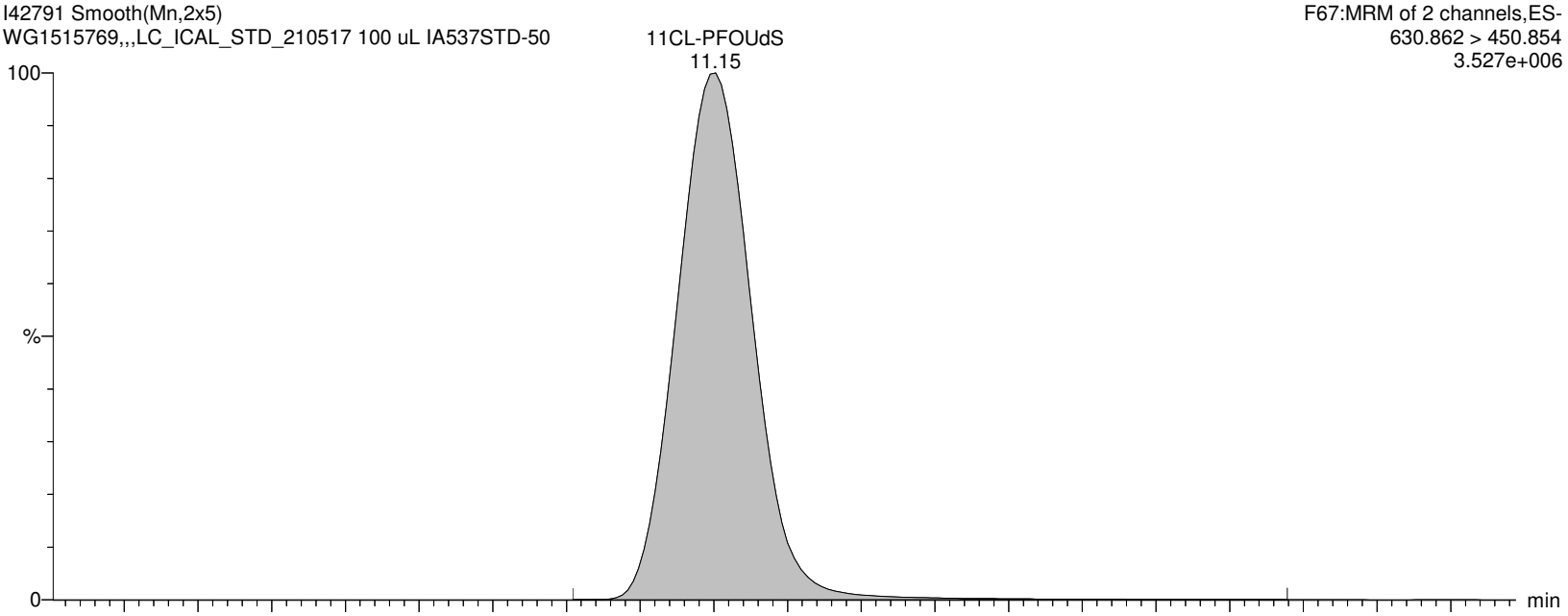


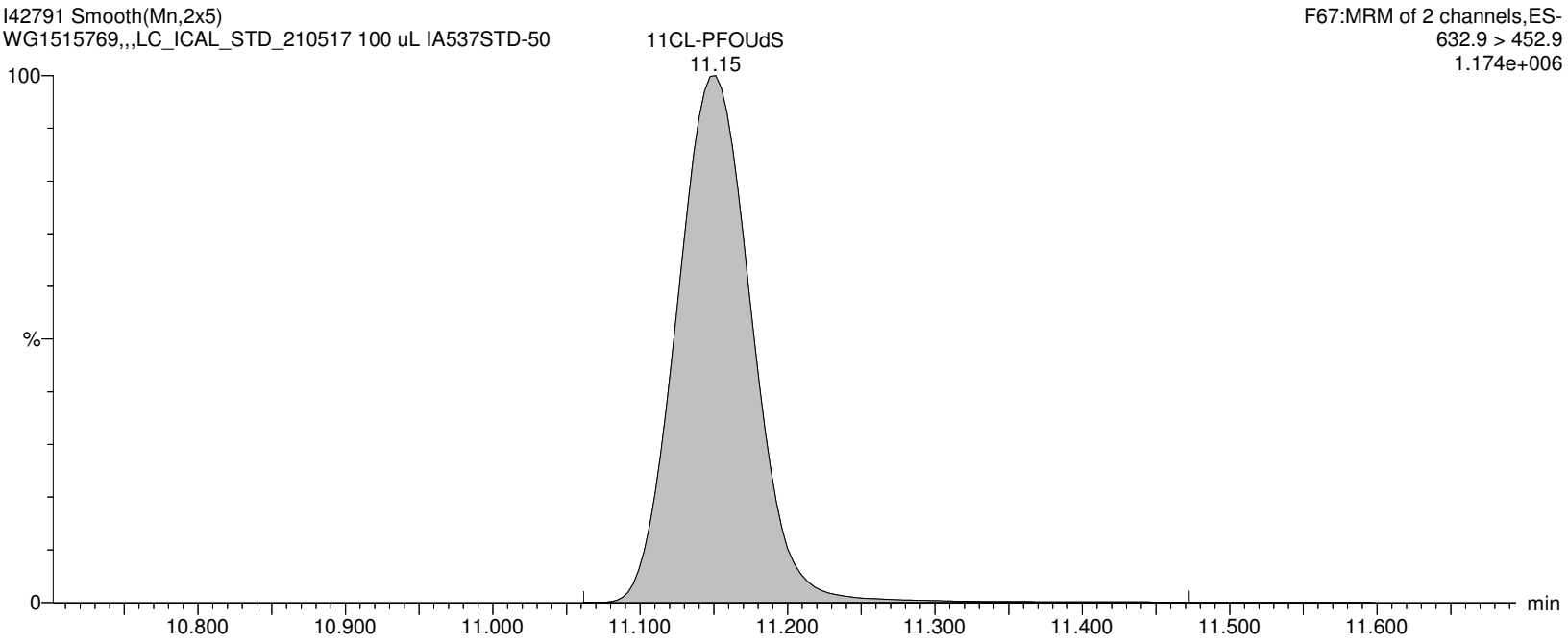
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

11CL-PFOUdS



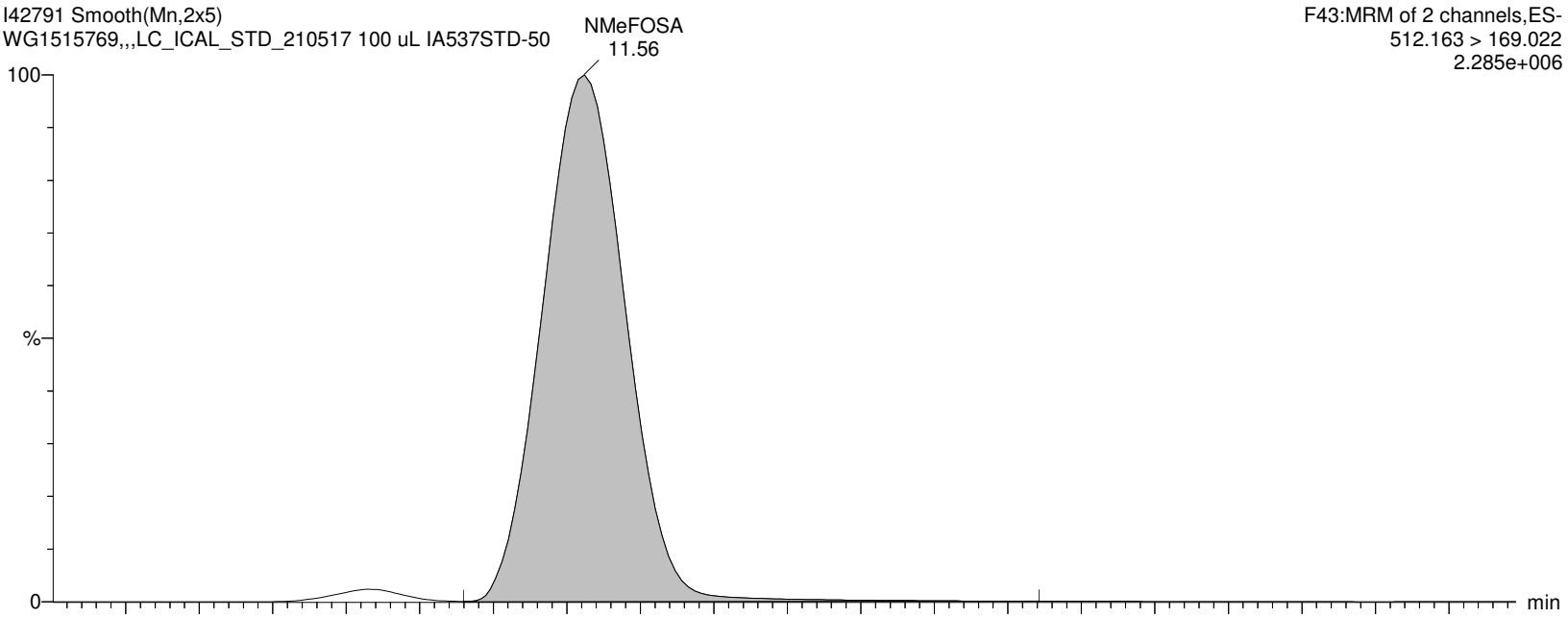


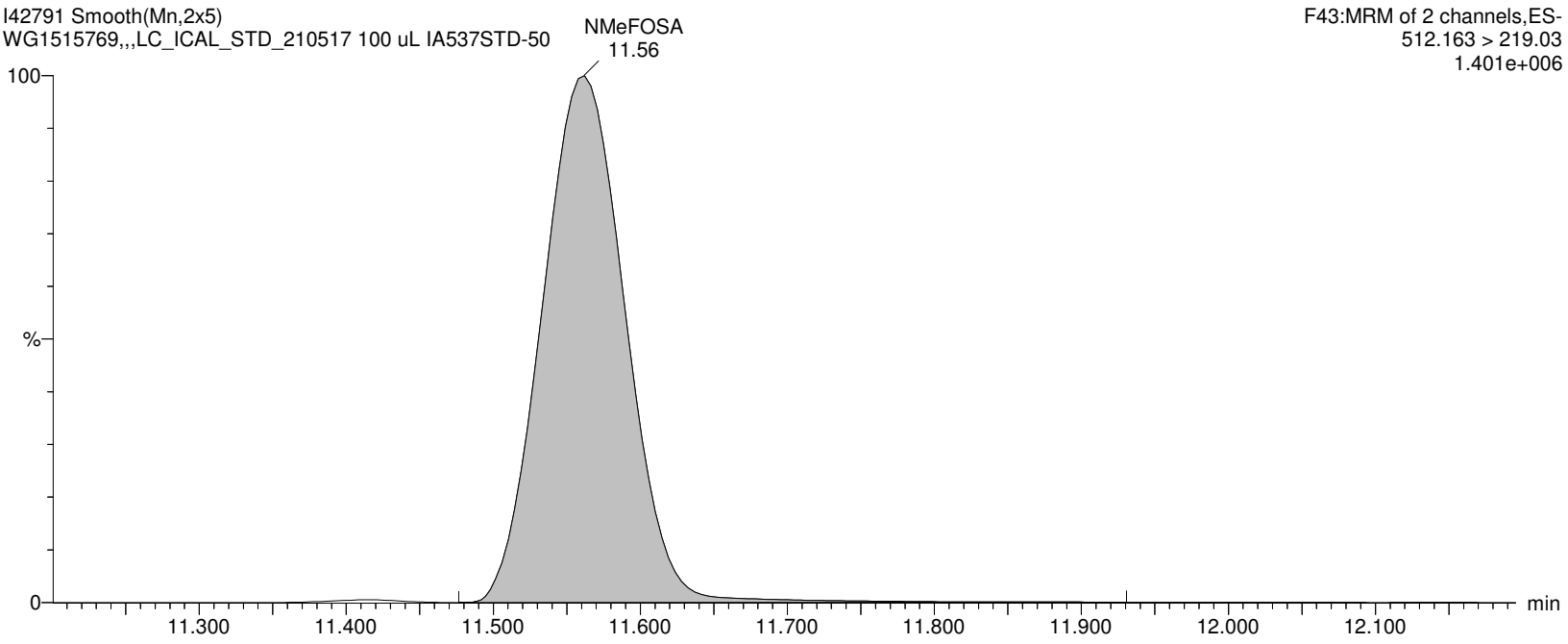
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSA



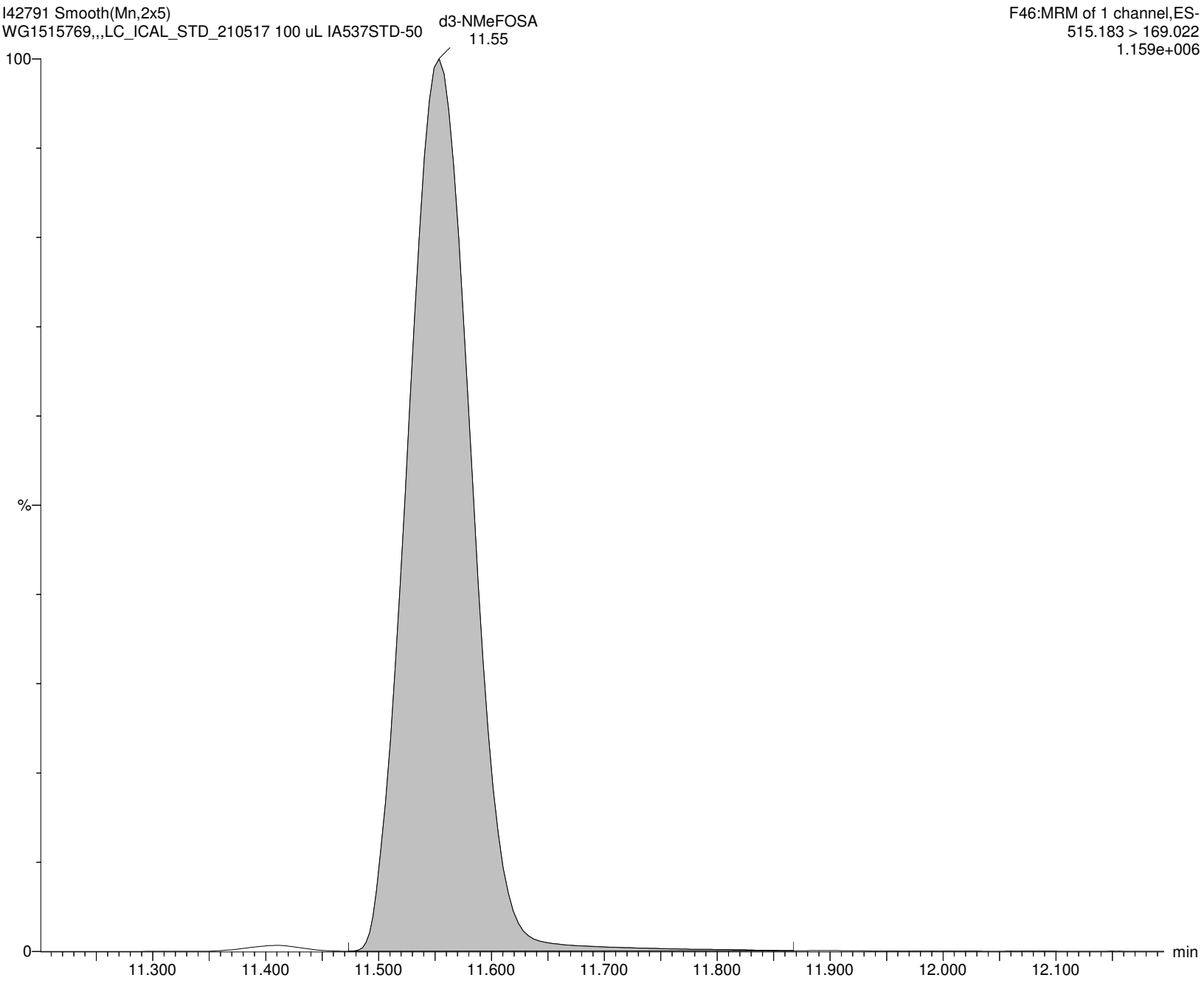


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSA

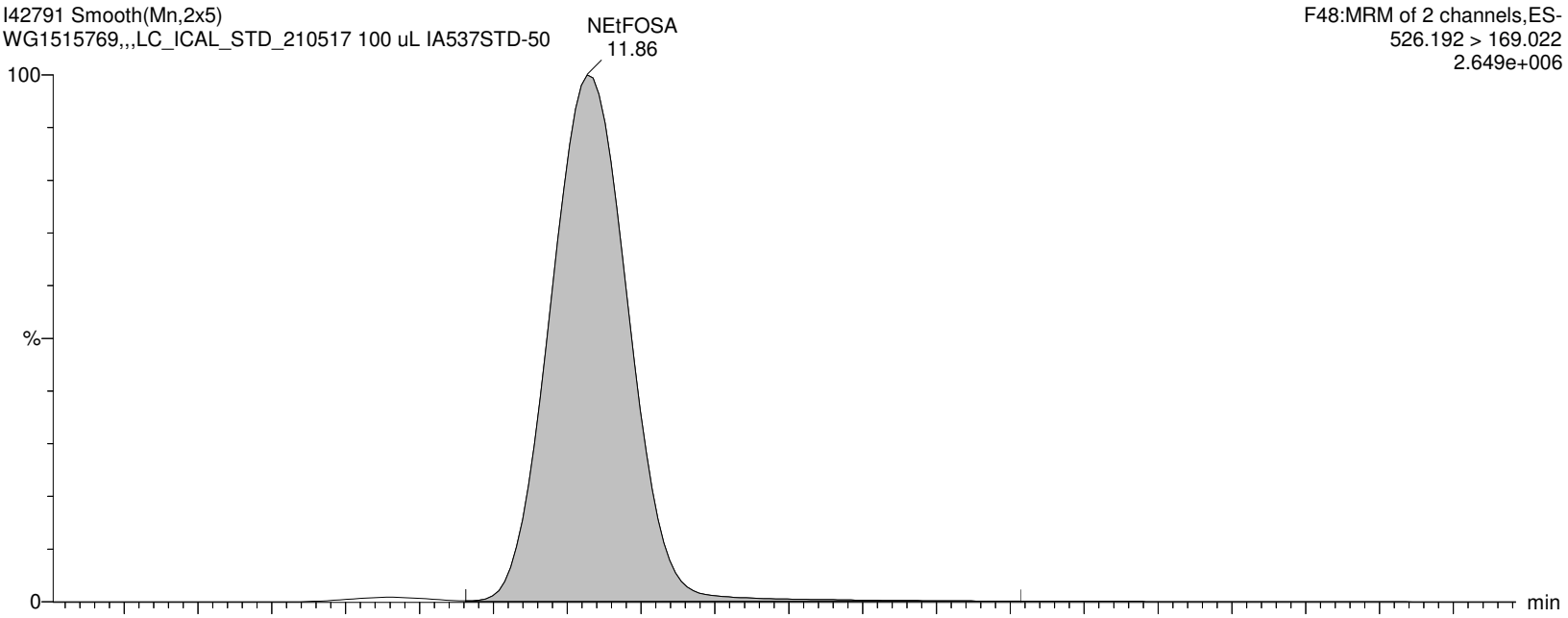


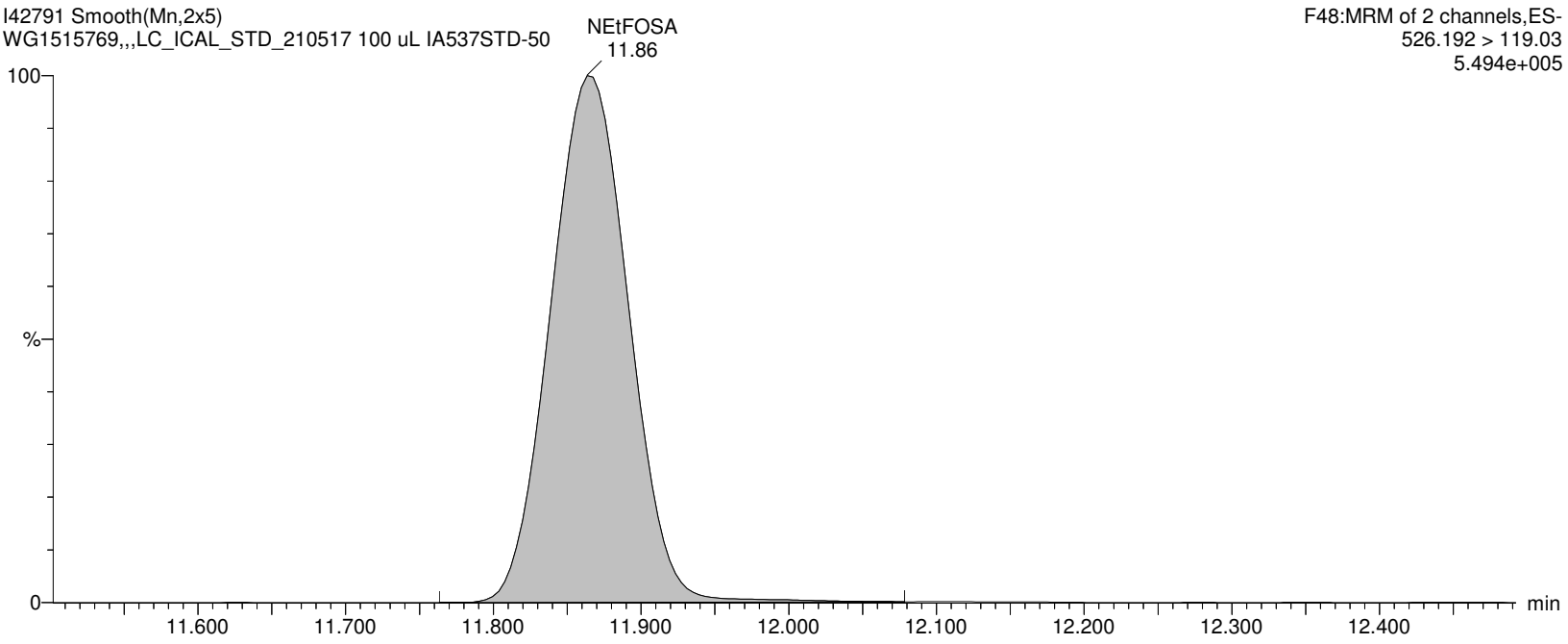
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSA



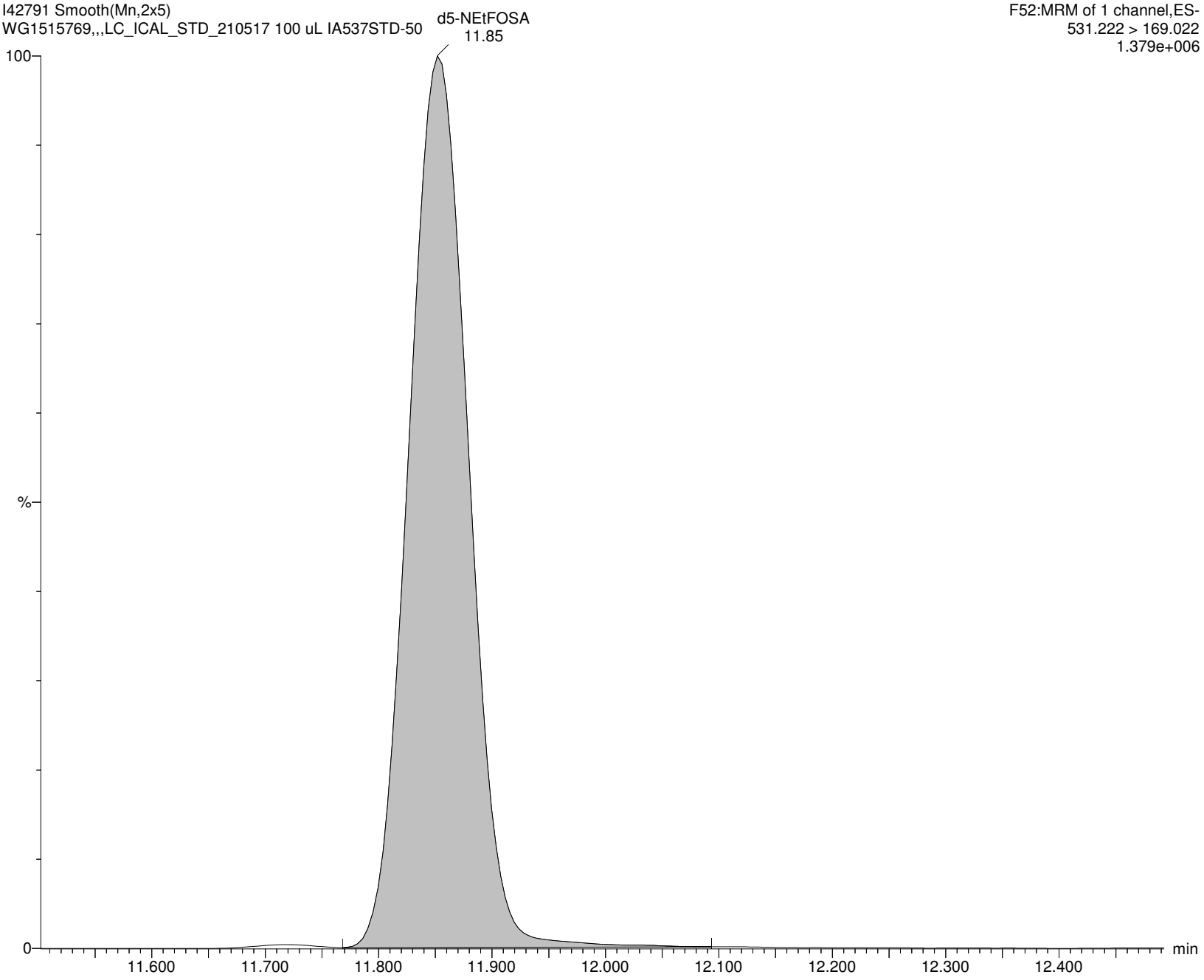


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSA

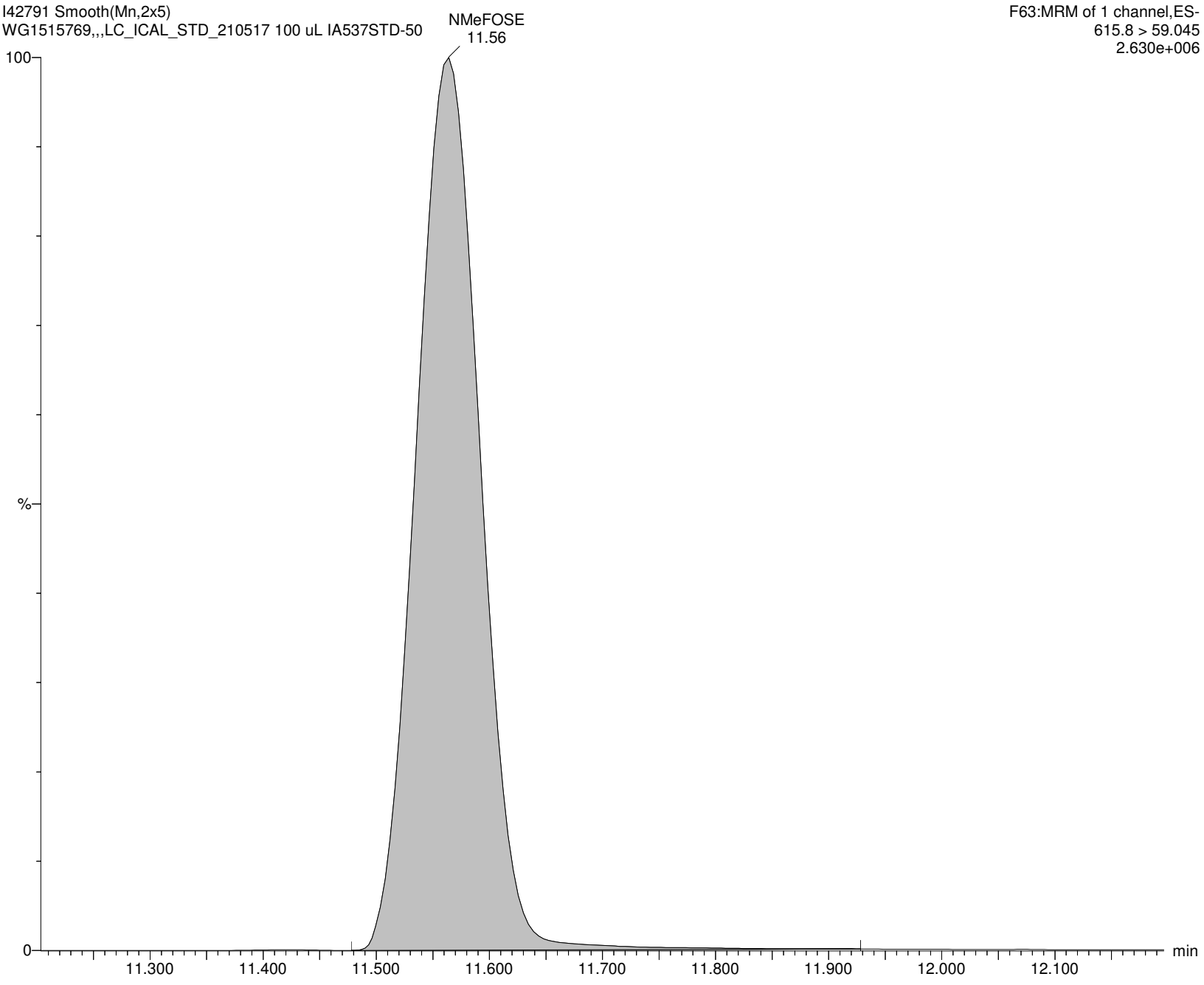


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSE

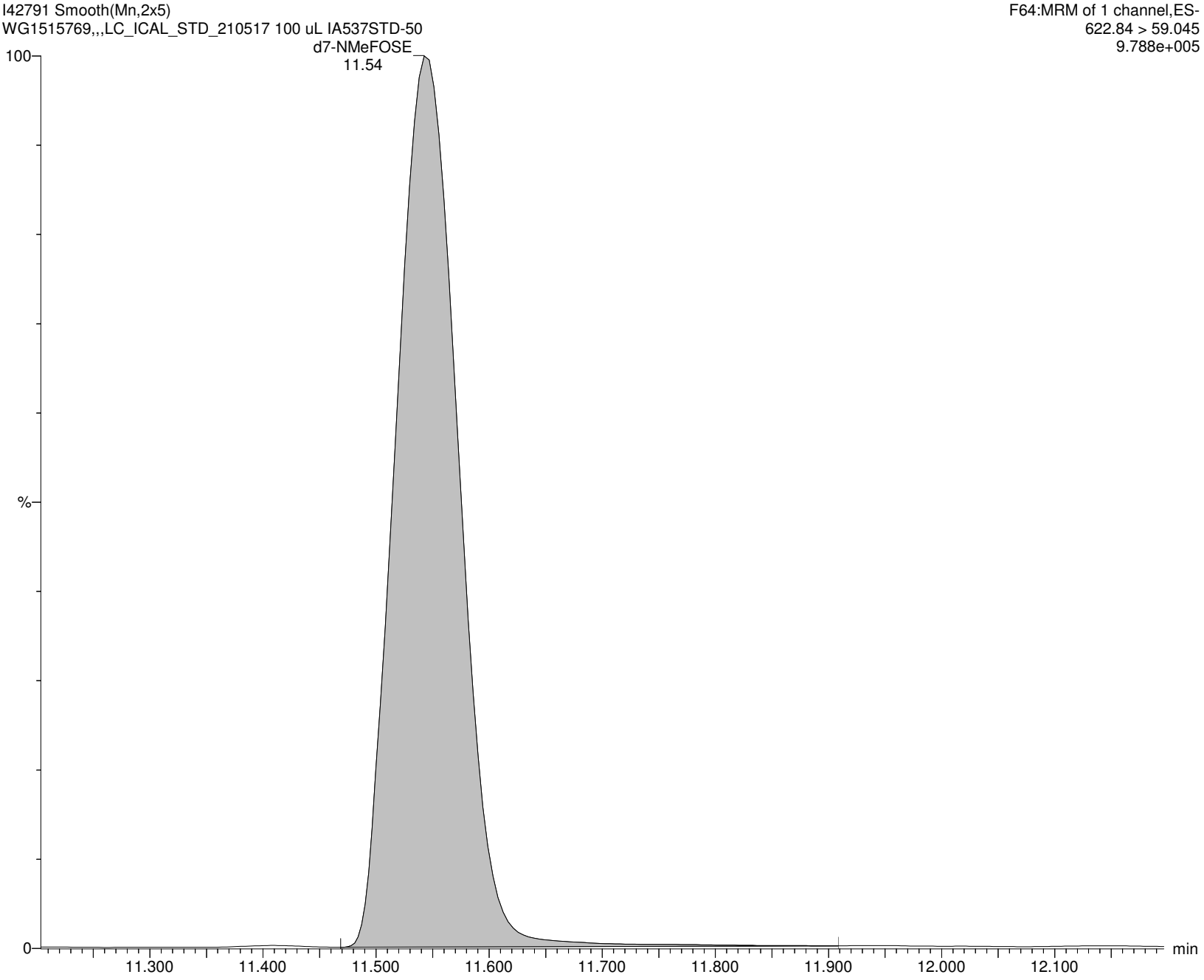


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d7-NMeFOSE

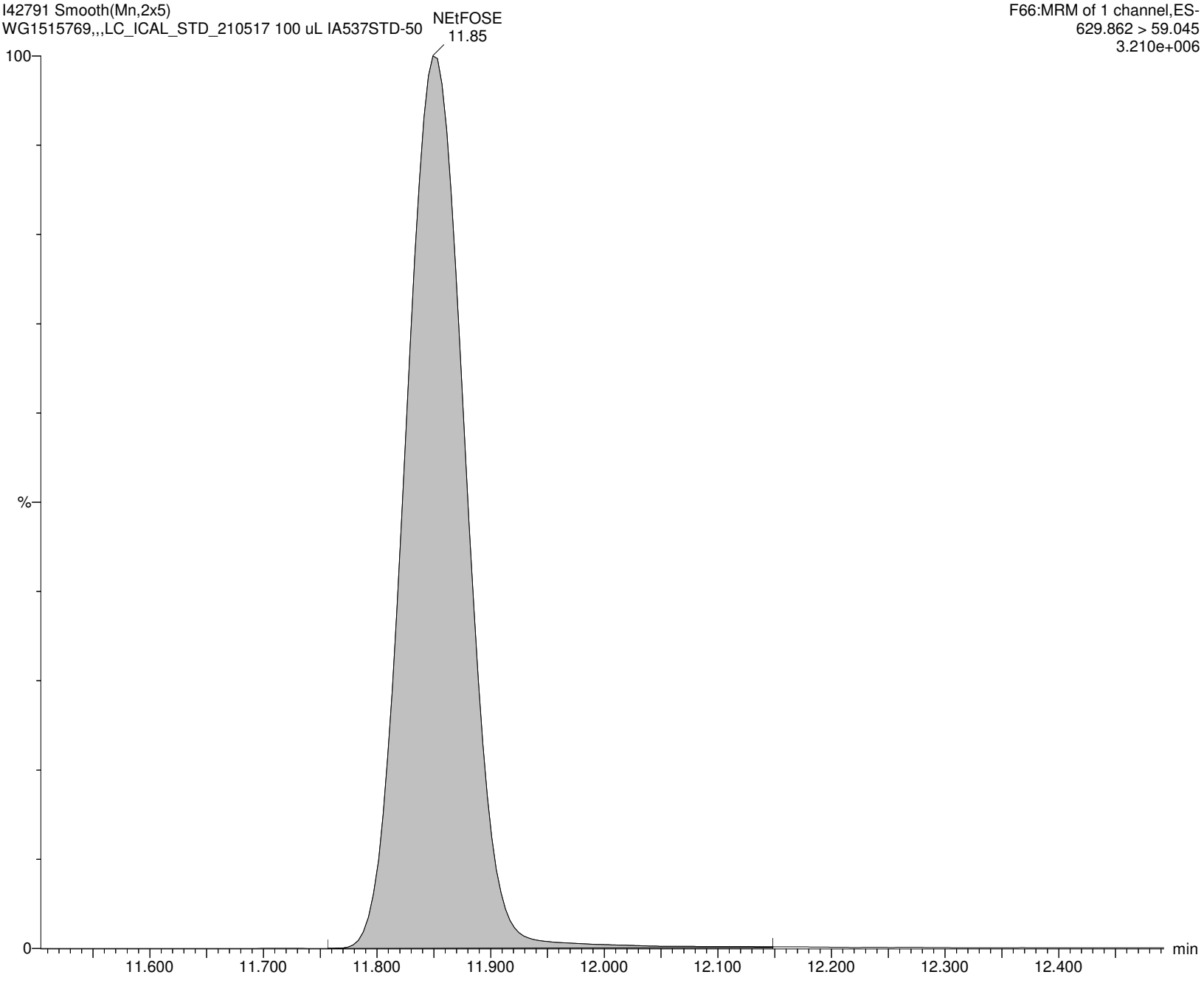


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSE

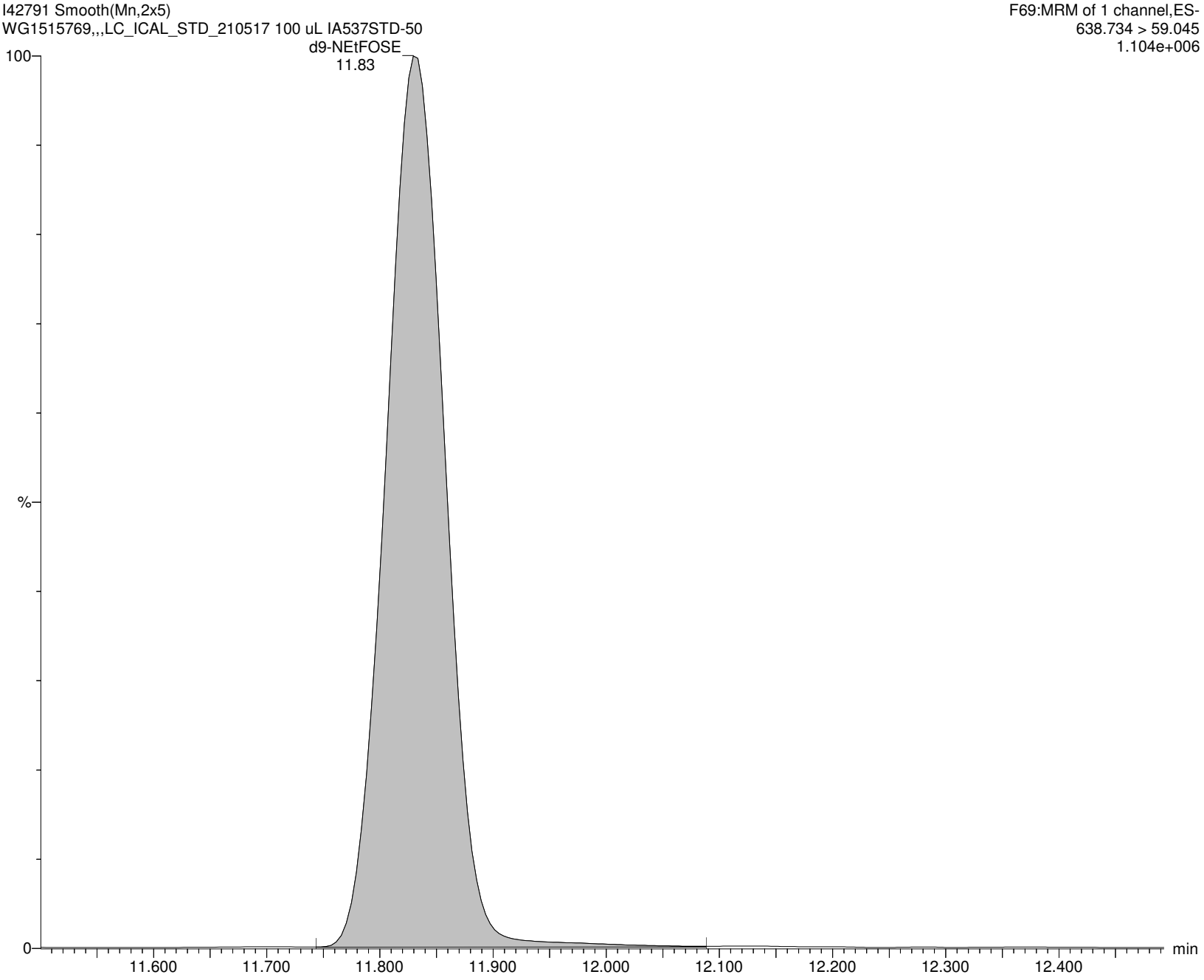


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d9-NEtFOSE

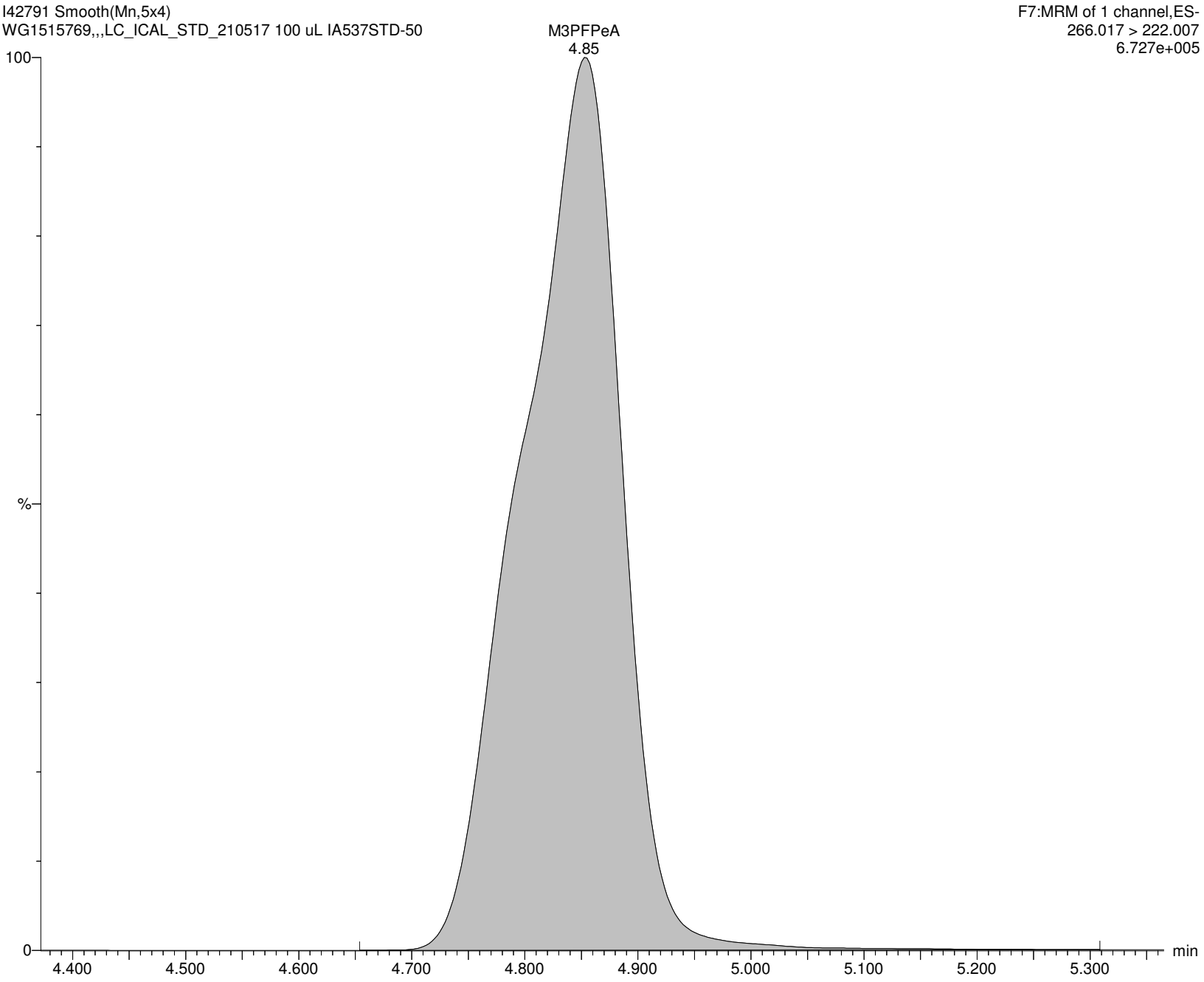


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFPeA

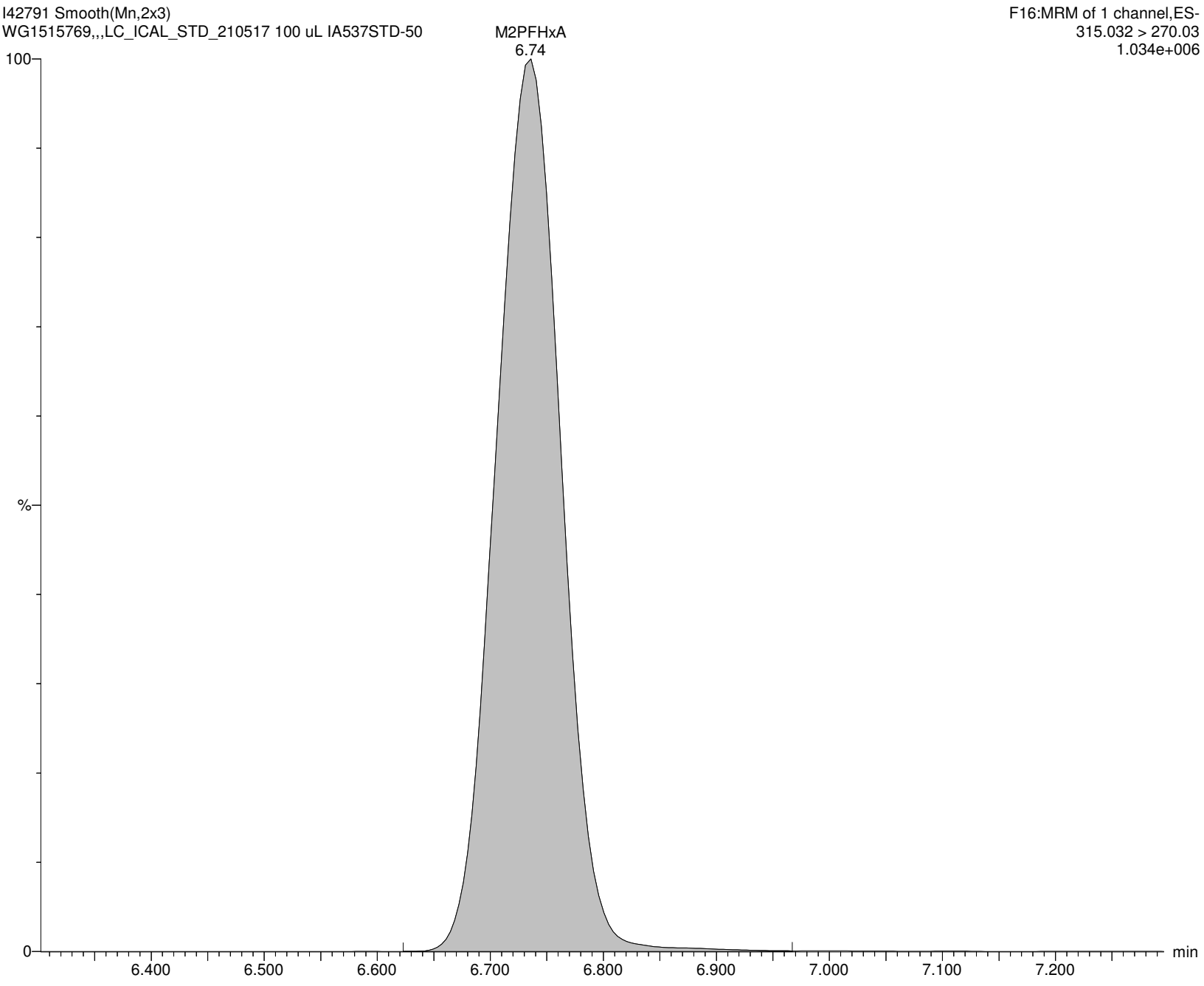


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFHxA

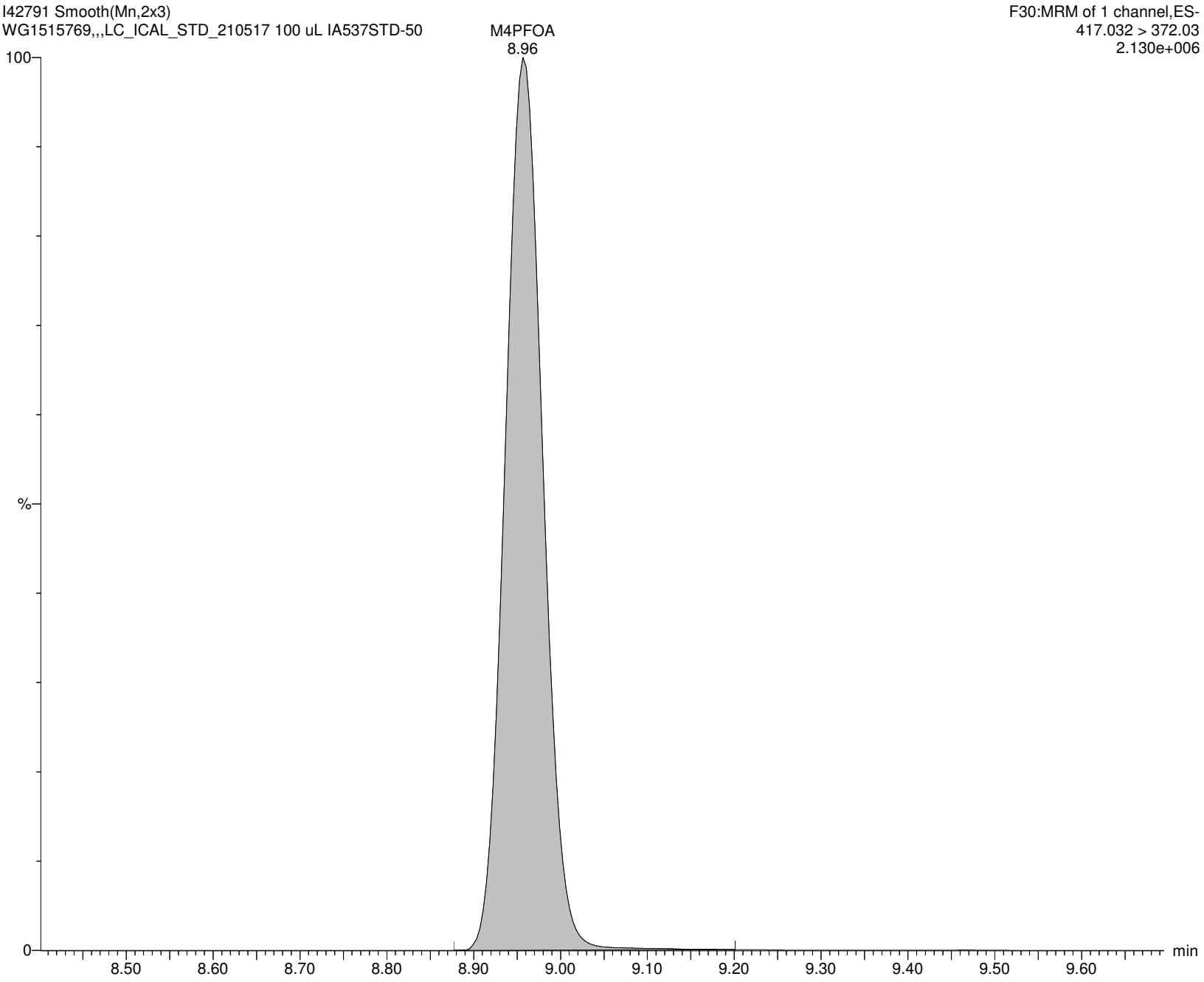


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOA

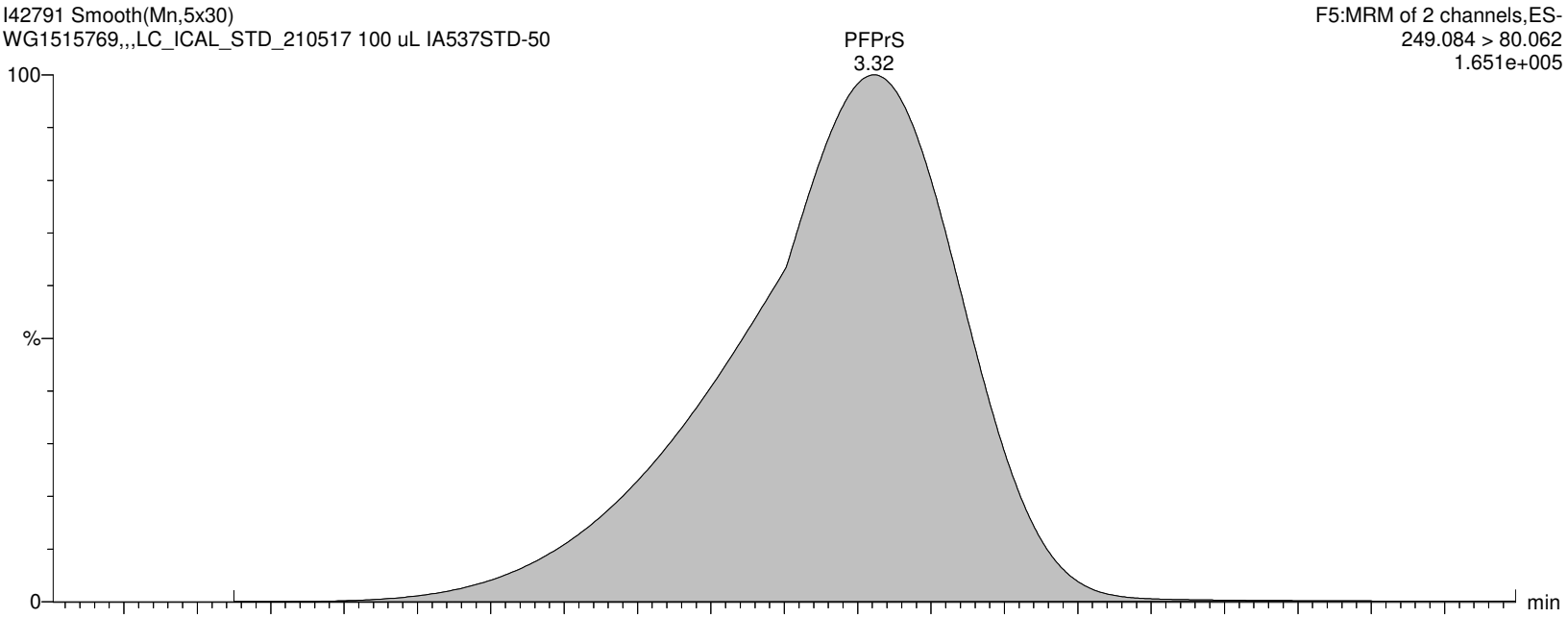


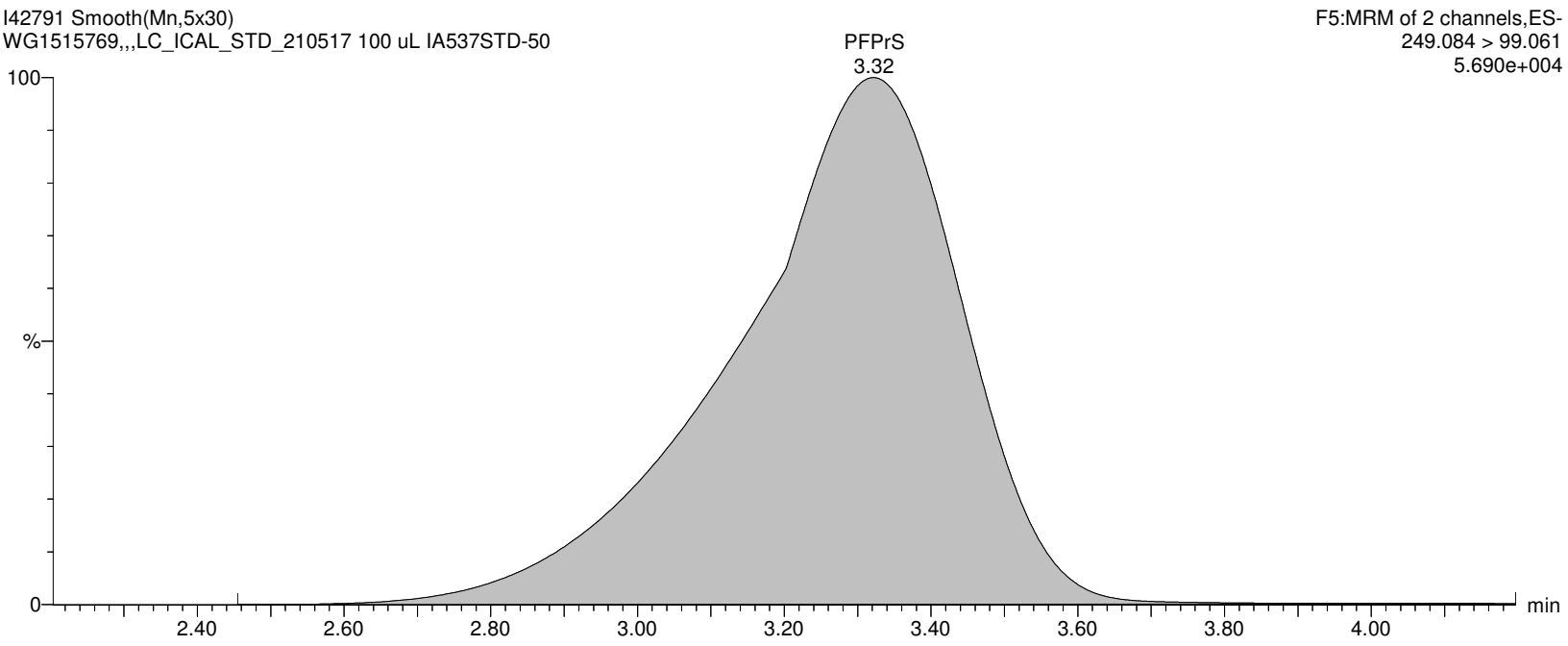
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPrS



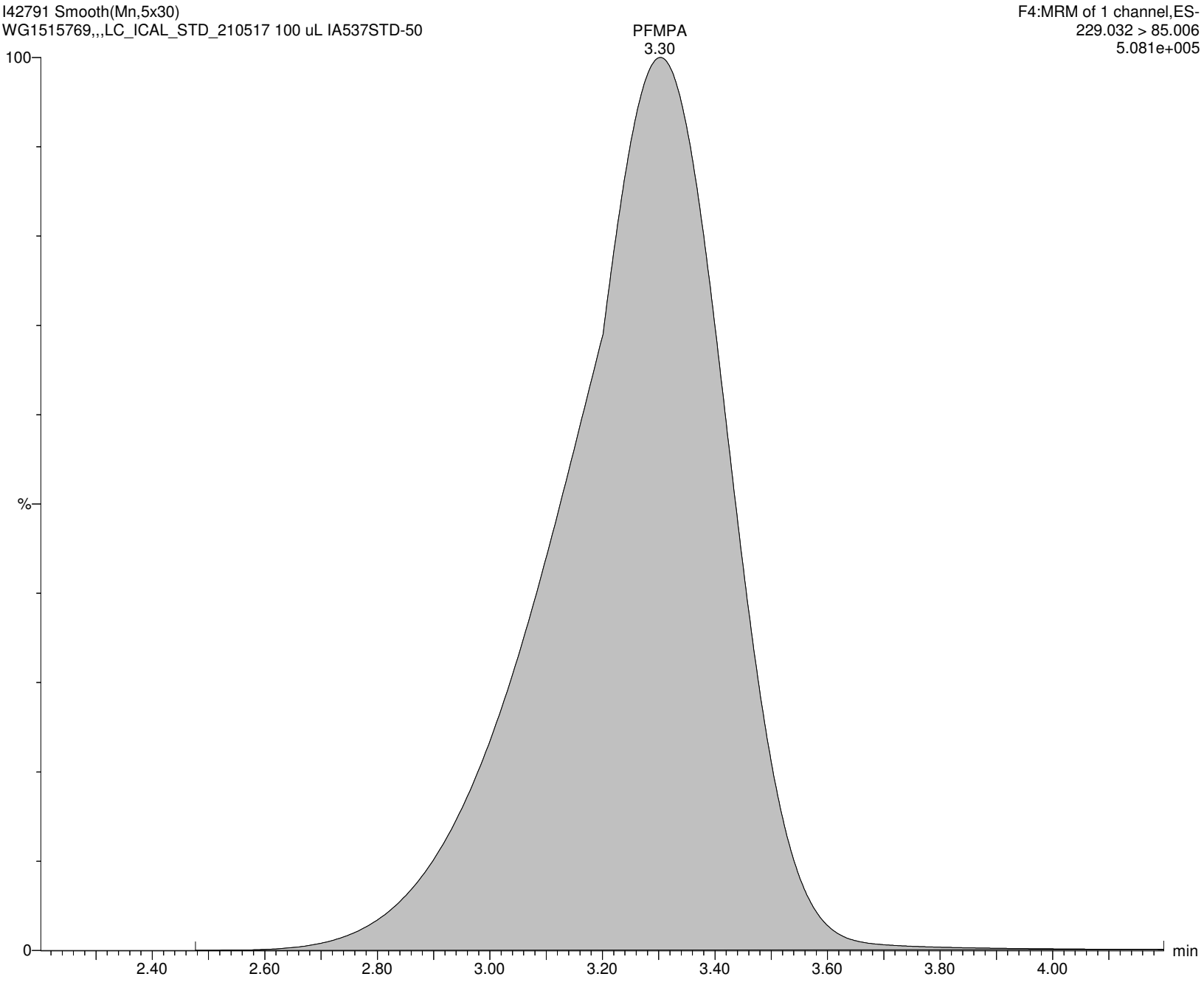


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFMPA

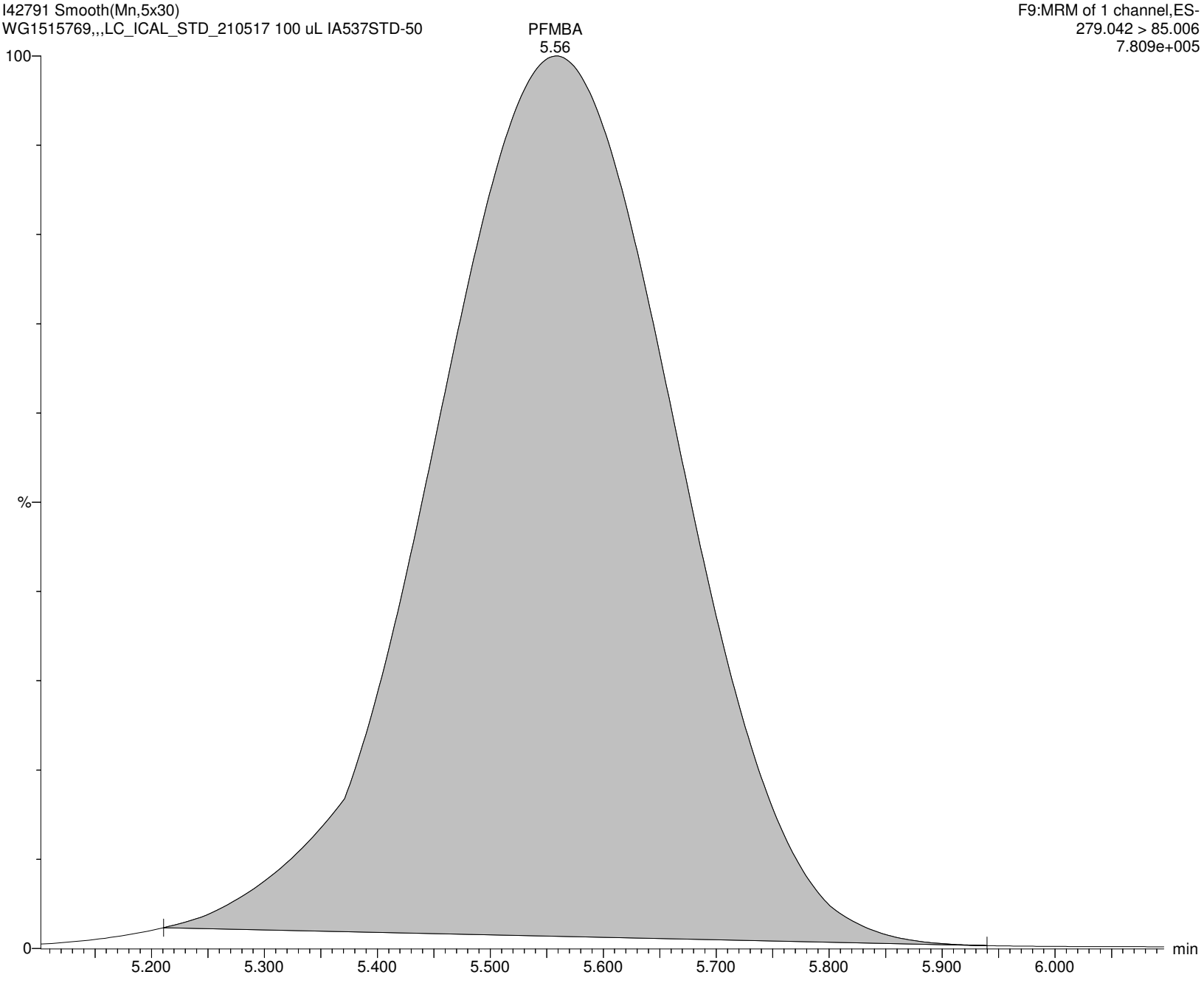


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFMBA

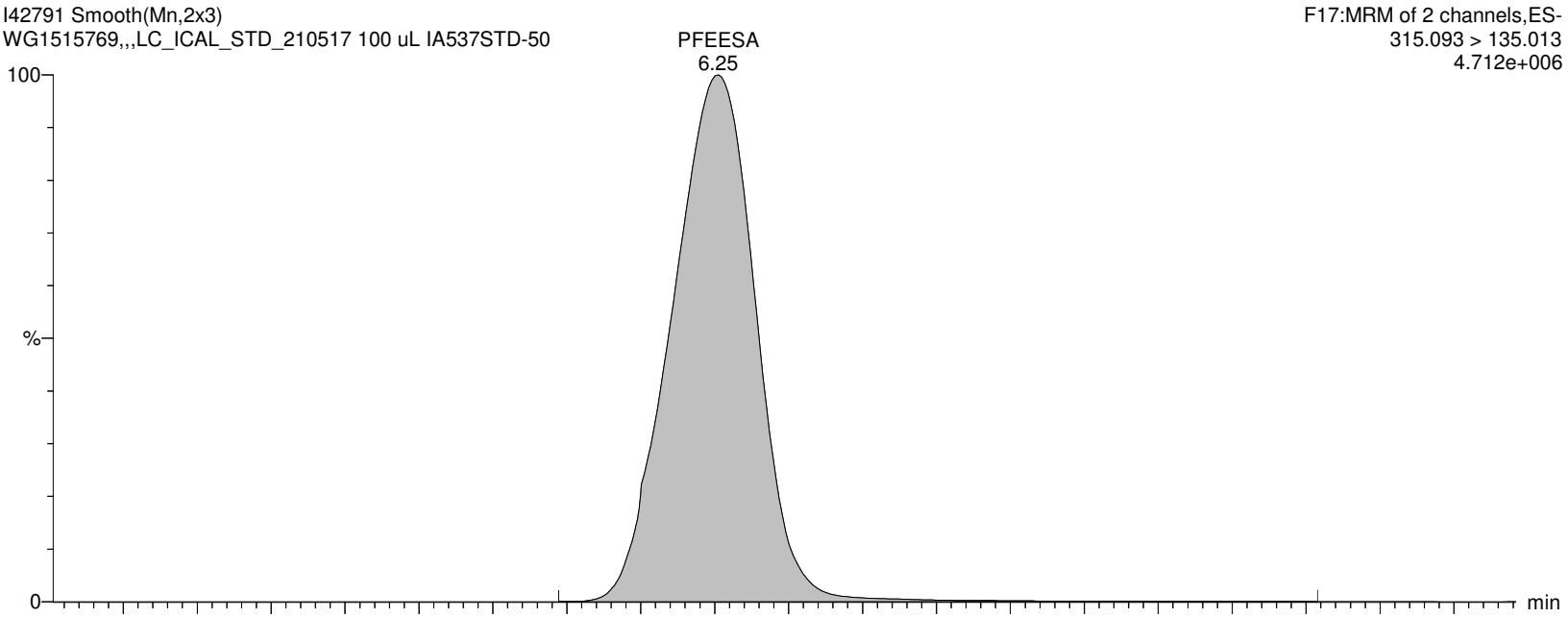


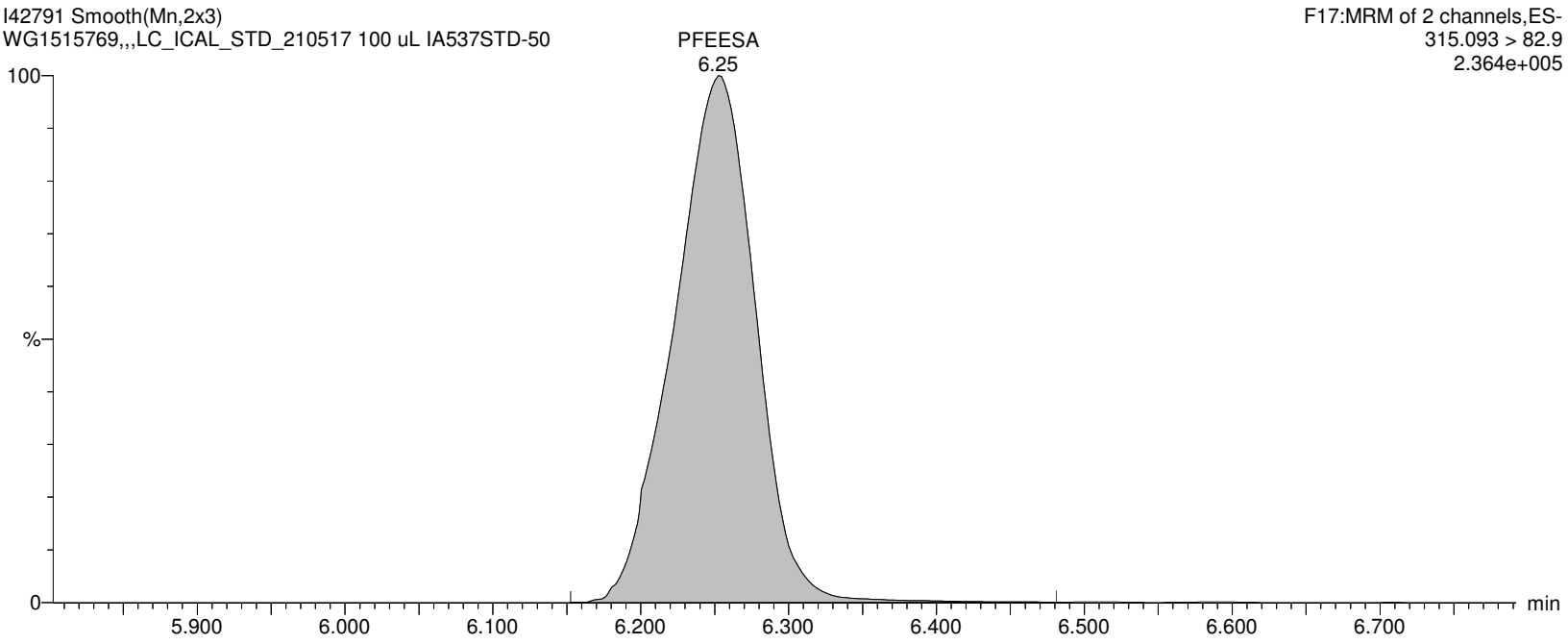
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFEESA



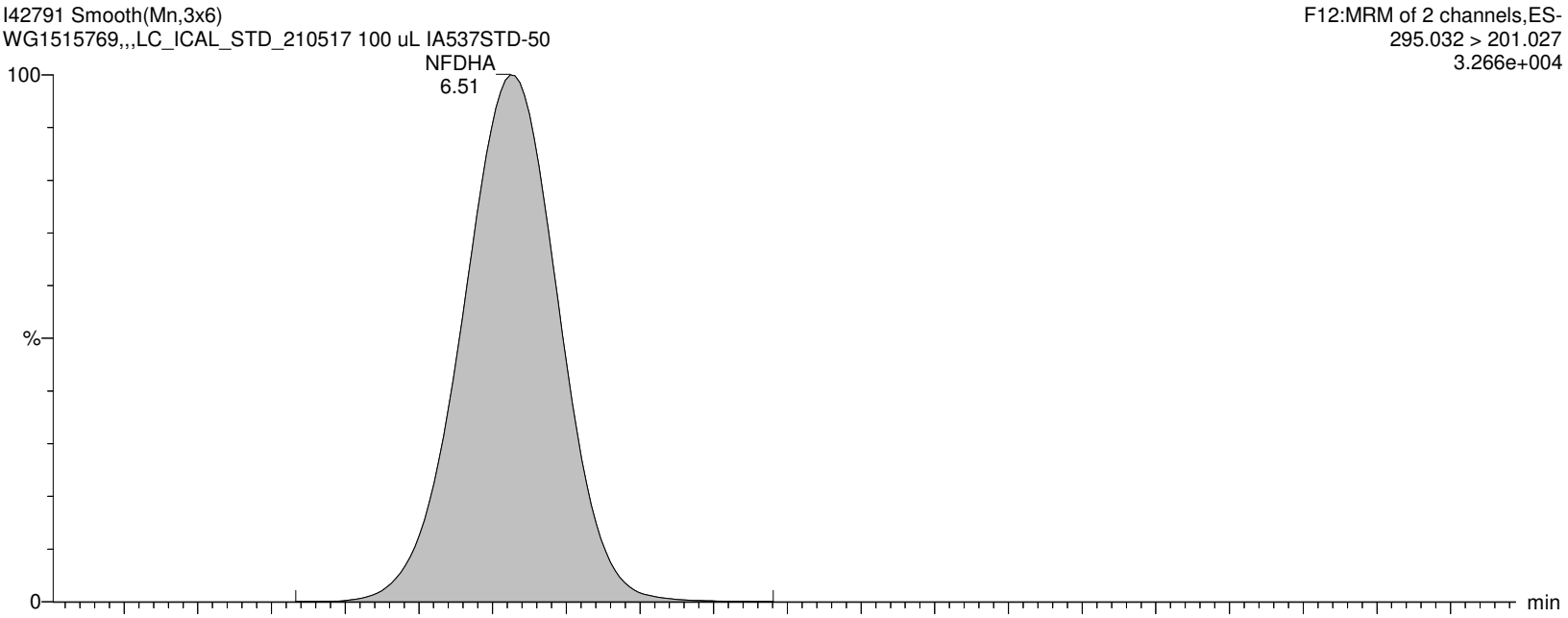


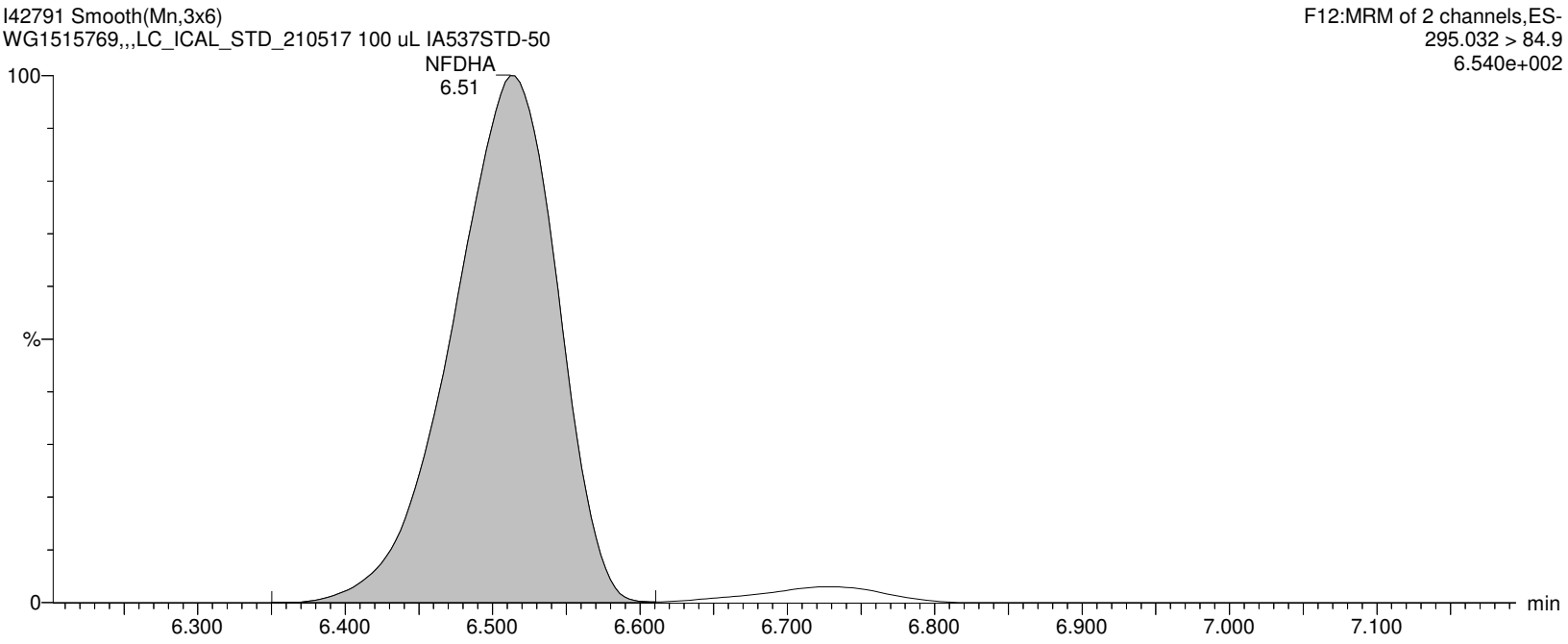
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:55 Eastern Daylight Time

Name: I42791
ID: IA537STD-50
Date: 25-Jun-2021
Time: 19:59:48
Description: WG1515769,,,LC_ICAL_STD_210517 100 uL
User: LCMS02:RS
Vial: 1:C,8
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NFDHA





all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\MethDB\537ISO_Q_210625_TOP_RT.mdb 22 Jun 2021 09:28:25
Calibration: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

ID: IA537STD-100
Name: I42792
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	1.97	213.032 > 169.022	473389		93.604		na	93.6
2	M3PFBA	INT STD	1.96	216.009 > 171.999	52676		10.034		na	100.3
3	MPFBA	INT STD	1.97	217.001 > 171.999	56827		10.033		na	100.3
4	PFPeA	2706-90-3	4.84	263.039 > 219.03	536882		93.334		na	93.3
5	M5PFPEA	INT STD	4.85	268.001 > 222.999	61133		9.836		na	98.4
6	PFBS	375-73-5	5.51	299.092 > 80.062	107188		82.922	1.92	NO	93.7
7	M3PFBS	INT STD	5.51	302.069 > 80.062	11898		10.316		na	103.2
8	4:2FTS	757124-72-4	6.66	327.146 > 307.139	43009		94.237	2.54	NO	100.8
9	M2-4:2FTS	INT STD	6.66	329.13 > 309.124	6731		14.564		na	145.6
10	PFHxA	307-24-4	6.74	313.047 > 269.037	602626		91.968	16.13	NO	92.0
11	M5PFHxA	INT STD	6.73	318.009 > 273.007	61755		10.099		na	101.0
12	PFPeS	2706-91-4	7.06	349.1 > 80.062	115818		91.204	2.29	NO	97.0
13	PFHpA	375-85-9	8.01	363.055 > 319.045	851281		93.151	5.55	NO	93.2
14	M4PFHpA	INT STD	8.01	367.025 > 322.022	90321		9.907		na	99.1
15	br-PFHxS	355-46-4	7.95	399.107 > 80.062	23559	M5,M7	16.559	2.15	NO	97.4
16	L-PFHxS	355-46-4	8.18	399.107 > 80.062	97343		68.125	1.64	NO	92.1
17	PFHxS	355-46-4		399.107 > 80.062	120902		84.684		na	
18	M3PFHxS	INT STD	8.18	402.084 > 80.062	13096		10.012		na	100.1
19	br-PFOA	335-67-1		413.063 > 369.053			ND	0.00	NO	
20	L-PFOA	335-67-1	8.96	413.063 > 369.053	912101		93.117	8.68	NO	93.1
21	PFOA	335-67-1		413.063 > 369.053	912101		93.117		na	
22	M8PFOA	INT STD	8.95	421.002 > 376.	101646		10.011		na	100.1
23	M2PFOA	INT STD	8.96	415.048 > 370.045	100008		9.443		na	94.4
24	6:2FTS	27619-97-2	8.92	427.161 > 407.155	42840		96.526	3.78	NO	101.6
25	M2-6:2FTS	INT STD	8.92	429.146 > 409.14	6614		13.939		na	139.4
26	PFHpS	375-92-8	9.05	449.115 > 80.062	76994		90.243	1.11	NO	95.0
27	PFNA	375-95-1	9.72	463.071 > 419.061	662654		93.759	3.84	NO	93.8
28	M9PFNA	INT STD	9.72	472.002 > 427.	28294		9.701		na	97.0
29	br-PFOS	1763-23-1	9.59	499.123 > 80.062	30615	M5,M7	19.467	4.17	NO	97.3
30	L-PFOS	1763-23-1	9.78	499.123 > 80.062	79784		71.168	1.80	NO	97.5
31	PFOS	1763-23-1		499.123 > 80.062	110399		90.635		na	
32	M4PFOS	INT STD	9.77	503.093 > 80.062	10454		9.236		na	92.4
33	M8PFOS	INT STD	9.77	507.062 > 80.062	11909		10.166		na	101.7
34	PFDA	335-76-2	10.34	513.078 > 469.069	564153		91.188	5.45	NO	91.2
35	M2PFDA	INT STD	10.34	515.053 > 469.934	54256		8.894		na	88.9
36	M6PFDA	INT STD	10.34	519.033 > 474.03	62172		10.096		na	101.0
37	8:2FTS	39108-34-4	10.33	527.177 > 507.171	17980		98.388	4.94	NO	102.5
38	M2-8:2FTS	INT STD	10.33	529.162 > 509.155	4532		12.993		na	129.9
39	PFNS	68259-12-1	10.37	549.131 > 80.062	86063		93.550	1.44	NO	97.4

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

ID: IA537STD-100
Name: I42792
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.75	573.22 > 419.061	6756		11.639		na	116.4
41	br-NMeFOSAA		10.60	570.202 > 419.061	6623	M5,M7	23.375	1.22	NO	97.4
42	L-NMeFOSAA		10.76	570.202 > 419.061	52214		70.945	2.45	NO	93.3
43	NMeFOSAA	2355-31-9		570.202 > 419.061	58837		94.320		na	
44	PFUnA	2058-94-8	10.88	563.086 > 519.076	508633		93.644	9.76	NO	93.6
45	M7-PFUDA	INT STD	10.87	570.033 > 525.031	53846		9.376		na	93.8
46	PFDS	335-77-3	10.90	599.139 > 80.062	90877		91.928	1.71	NO	95.3
47	FOSA	754-91-6	10.94	498.146 > 78.07	277526		92.965	120.27	NO	93.0
48	M8FOSA	INT STD	10.94	506.077 > 78.07	34869		10.458		na	104.6
49	br-NEtFOSAA		10.92	584.229 > 419.061	4110	M5,M7	22.028	0.62	NO	97.9
50	L-NEtFOSAA		11.06	584.229 > 419.061	38822		72.770	1.21	NO	93.9
51	NEtFOSAA	2991-50-6		584.229 > 419.061	42932		94.799		na	
52	d5-NEtFOSAA	INT STD	11.05	589.259 > 419.061	5408		11.274		na	112.7
53	PFDoA	307-55-1	11.35	613.094 > 569.084	572605		96.893	19.65	NO	96.9
54	MPFDOA	INT STD	11.35	615.079 > 570.077	56277		10.157		na	101.6
55	PFTrDA	72629-94-8	11.76	663.102 > 619.092	424599		97.330	11.03	NO	97.3
56	PFTA	376-06-7	12.12	713.11 > 669.1	353808		93.234	9.18	NO	93.2
57	M2PFTEDA	INT STD	12.11	715.094 > 670.092	19491		11.215		na	112.2
58	M3HFPO-DA	INT STD	7.17	287.02 > 169.022	4759		168.197		na	84.1
59	HFPO-DA	13252-13-6	7.16	285.035 > 169.022	22122		957.398	1.43	YES	95.7
60	ADONA	958445-44-8	8.20	377.06 > 251.028	717195		88.850	41.15	NO	93.9
61	PFHxDA		12.63	813.122 > 769.116	169410		93.383	22.47	NO	93.4
62	PFODA		12.86	913.411 > 869.131	20075	M4	90.383	23.14	NO	90.4
63	M2PFHxDA		12.63	815.102 > 770.108	27439		10.779		na	107.8
64	PFDoS		11.75	699.154 > 80.062	62039		96.081	2.26	NO	96.1
65	M2D4-10:2FTS		11.35	633.201 > 612.189	3432	M4	18.582		na	94.0
66	10:2FTS		11.36	627.192 > 607.186	17801	M2,M7	88.294	2.03	NO	91.6
67	9CL-PF3ONS		10.13	530.862 > 350.843	403948		84.268	2.62	NO	90.4
68	11CL-PFOUdS		11.15	630.862 > 450.854	379783		85.567	3.00	NO	90.8
69	NMeFOSA		11.57	512.163 > 169.022	278954		495.330	1.65	NO	99.1
70	d3-NMeFOSA		11.56	515.183 > 169.022	69547		101.812		na	101.8
71	NEtFOSA		11.88	526.192 > 169.022	300529		496.364	4.78	NO	99.3
72	d5-NEtFOSA		11.86	531.222 > 169.022	76341		100.672		na	100.7
73	NMeFOSE		11.57	615.8 > 59.045	288051		248.204		na	99.3
74	d7-NMeFOSE		11.55	622.84 > 59.045	53661		95.793		na	95.8
75	NEtFOSE		11.86	629.862 > 59.045	345472		254.512		na	101.8
76	d9-NEtFOSE		11.84	638.734 > 59.045	56153		99.269		na	99.3
77	M3PFPeA		4.85	266.017 > 222.007	64371		9.497		na	95.0
78	M2PFHxA		6.74	315.032 > 270.03	63919		9.263		na	92.6
79	M4PFOA		8.96	417.032 > 372.03	97760		9.194		na	91.9
80	PFPrS	423-41-6	3.32	249.084 > 80.062	116165		89.046	2.92	NO	97.2
81	PFMPA		3.30	229.032 > 85.006	345994		94.496		na	94.5
82	PFMBA		5.56	279.042 > 85.006	366832		92.824		na	92.8

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

ID: IA537STD-100
Name: I42792
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
83	PFEESA		6.25	315.093 > 135.013	612223		86.394	20.90	NO	97.1
84	NFDHA		6.51	295.032 > 201.027	6490		114.830	55.38	NO	114.8

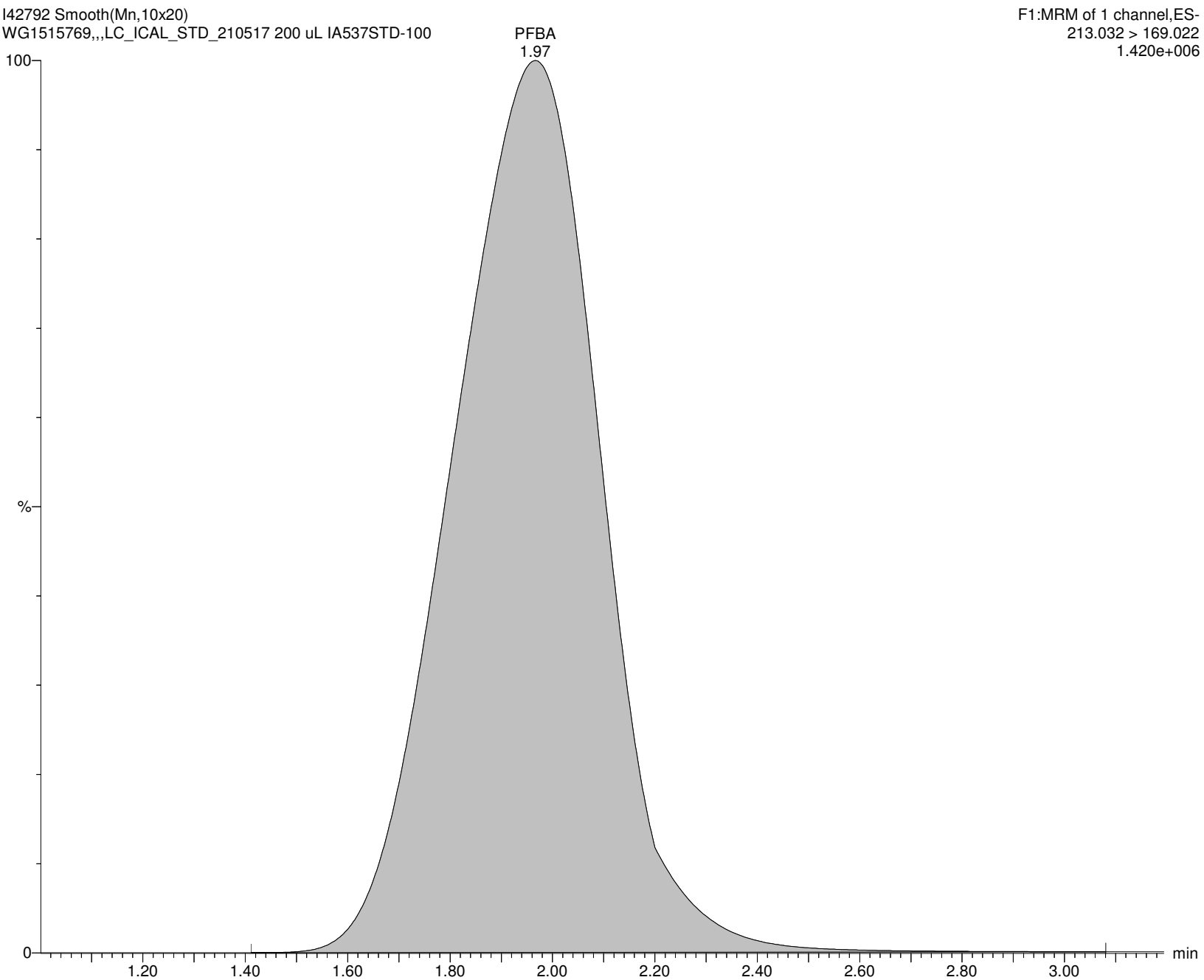
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\MethDB\537ISO_Q_210625_TOP_RT.mdb 22 Jun 2021 09:28:25
Calibration: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBA

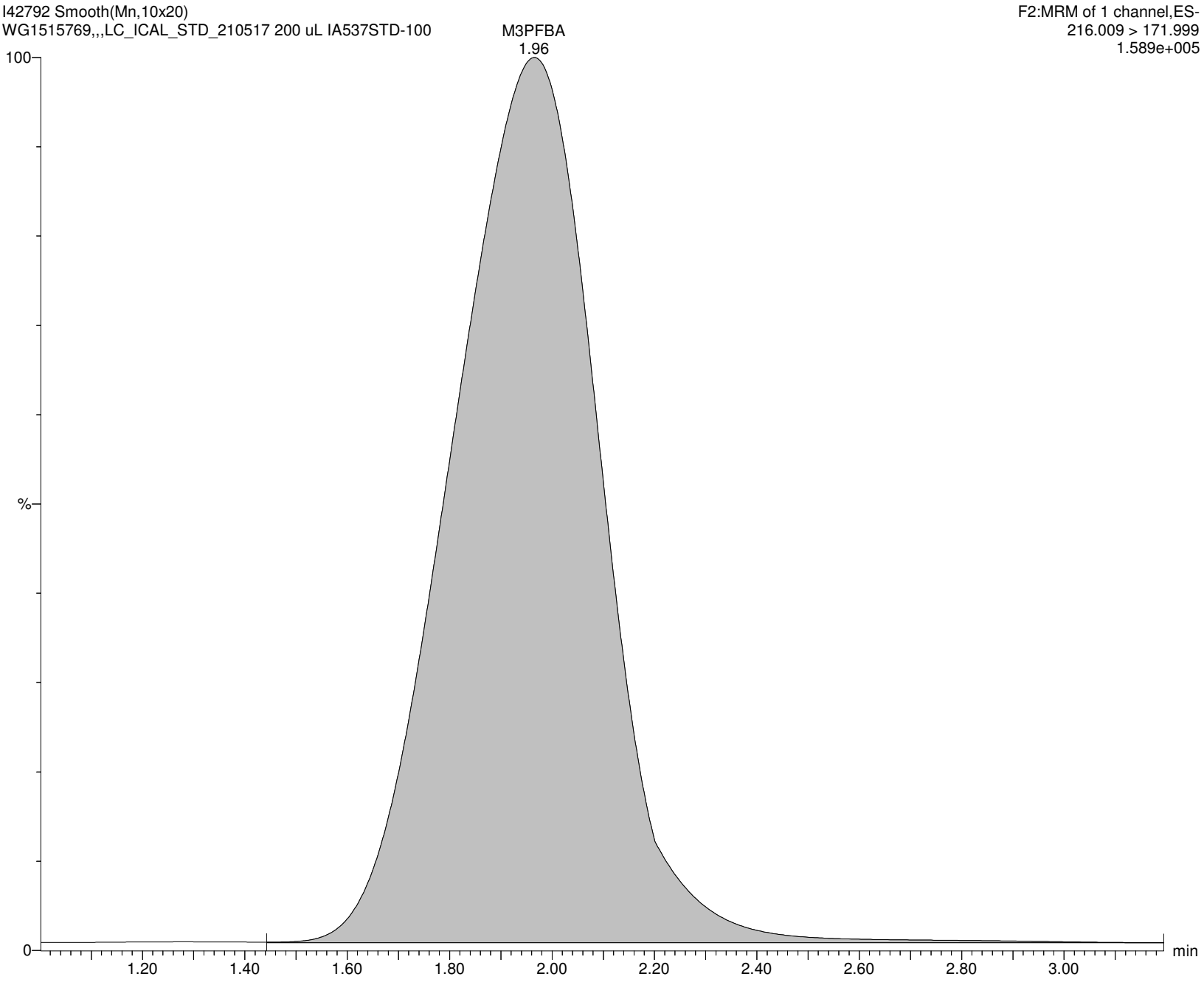


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBA

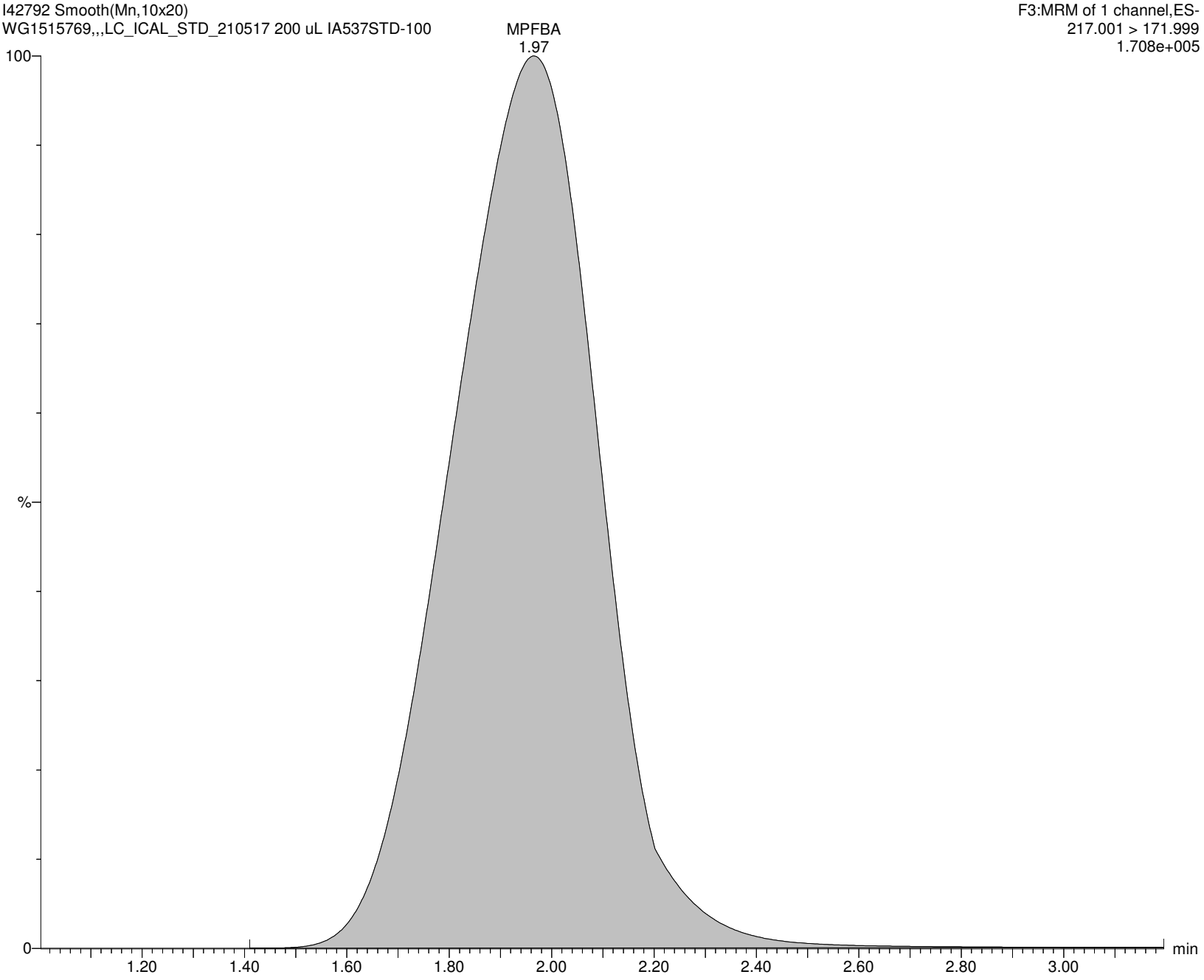


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFBA

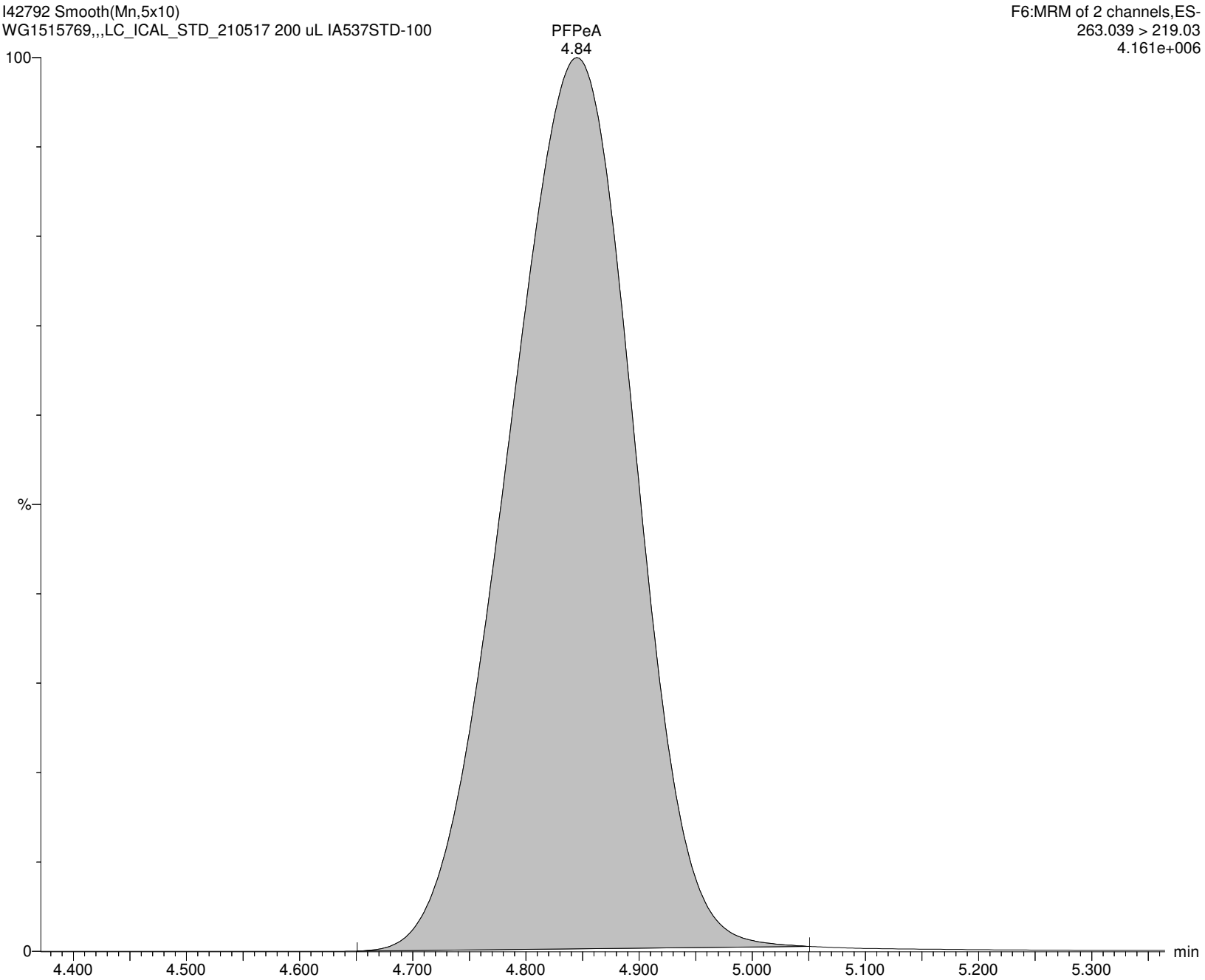


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeA

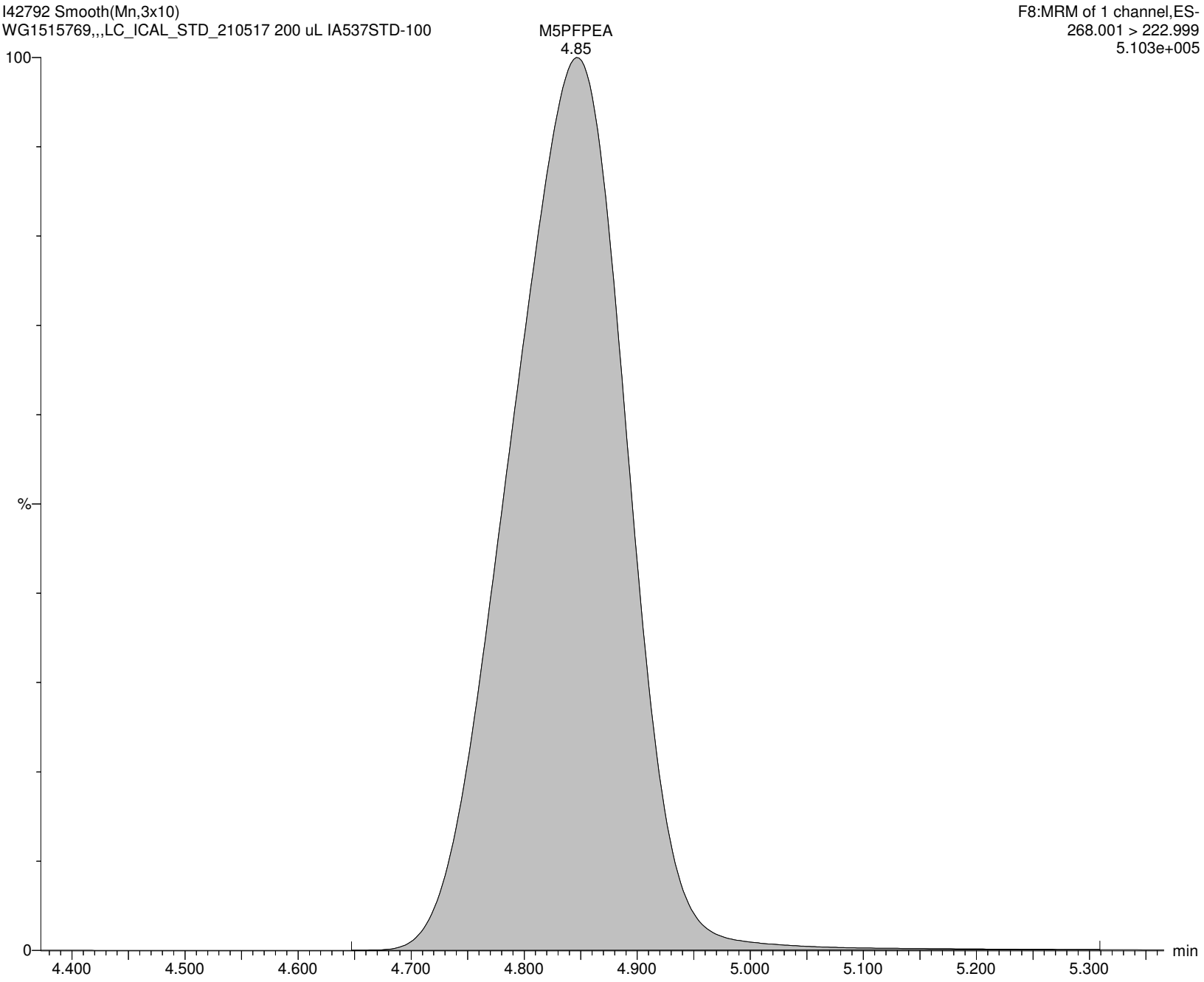


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFPEA

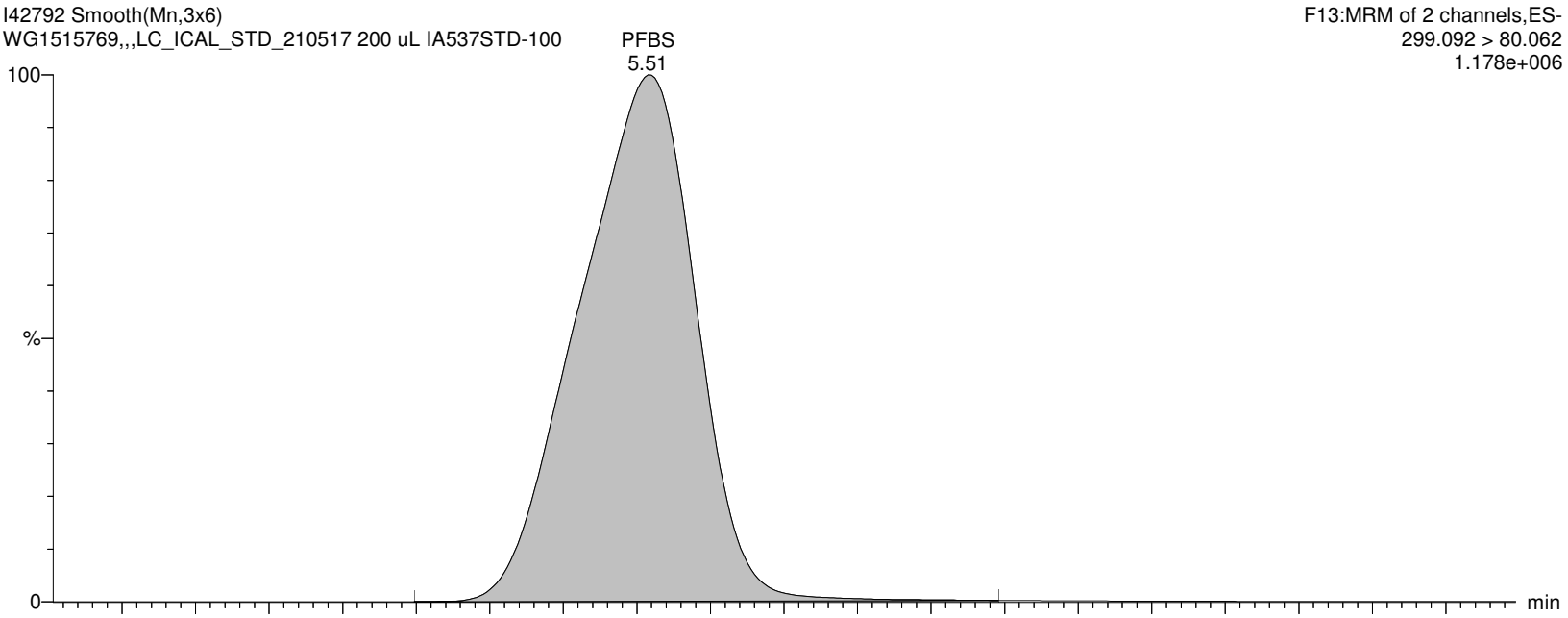


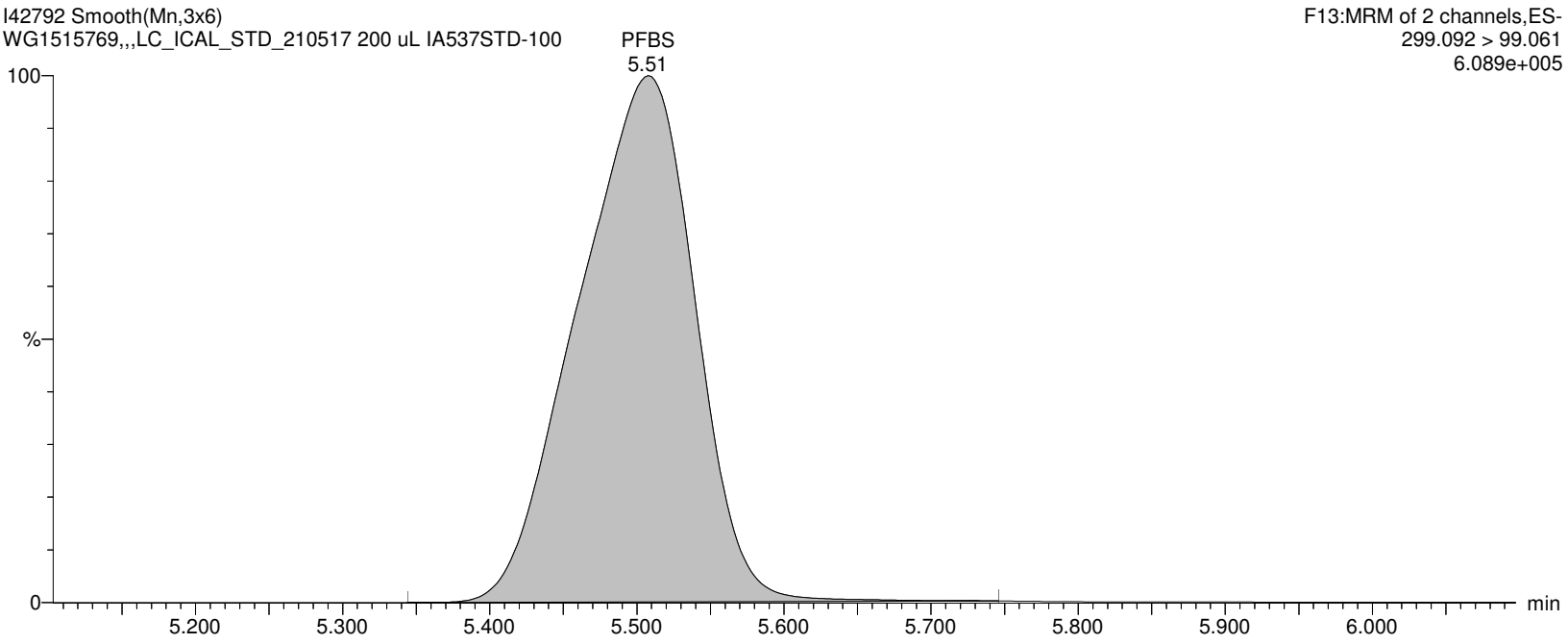
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBS



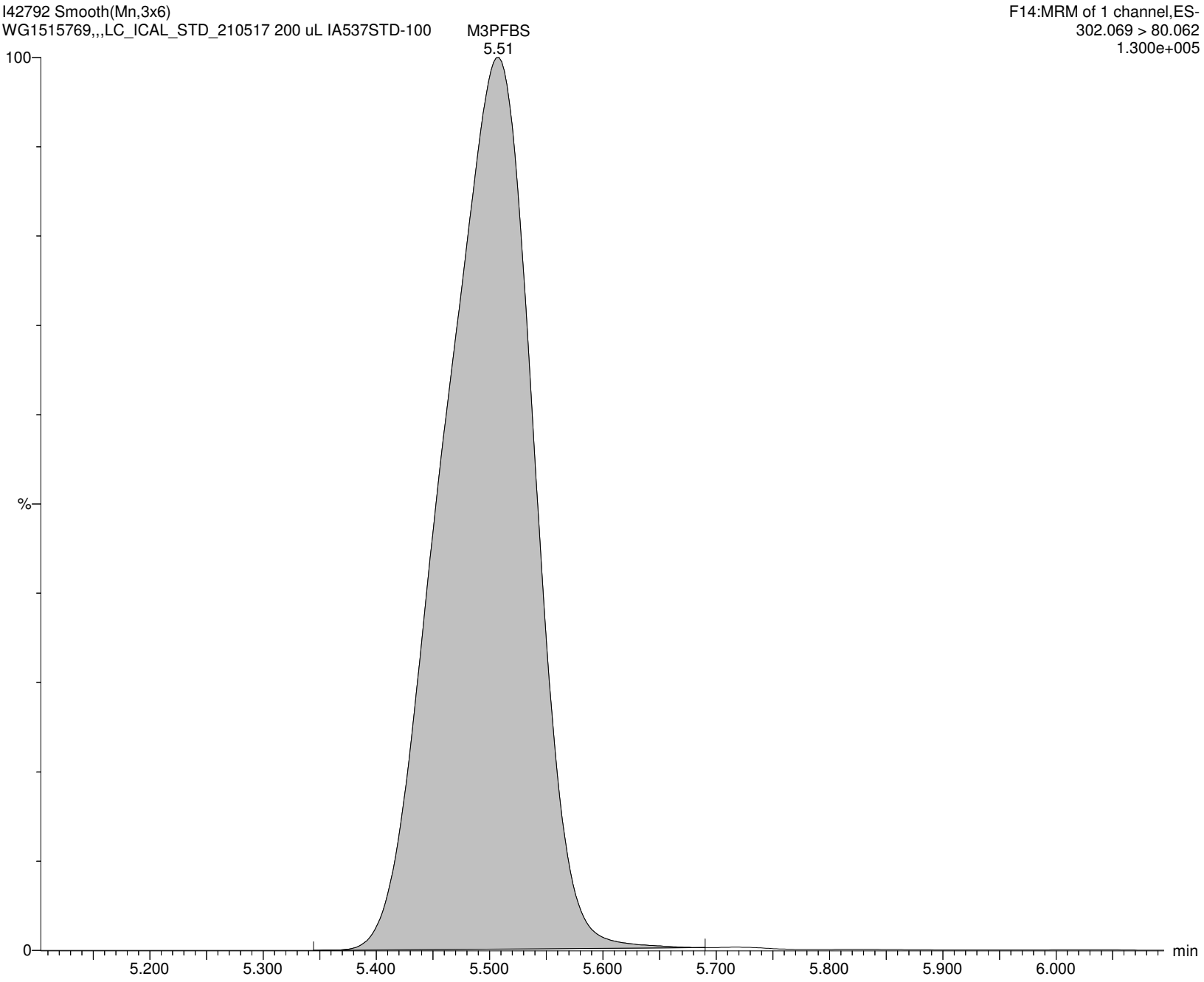


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBS

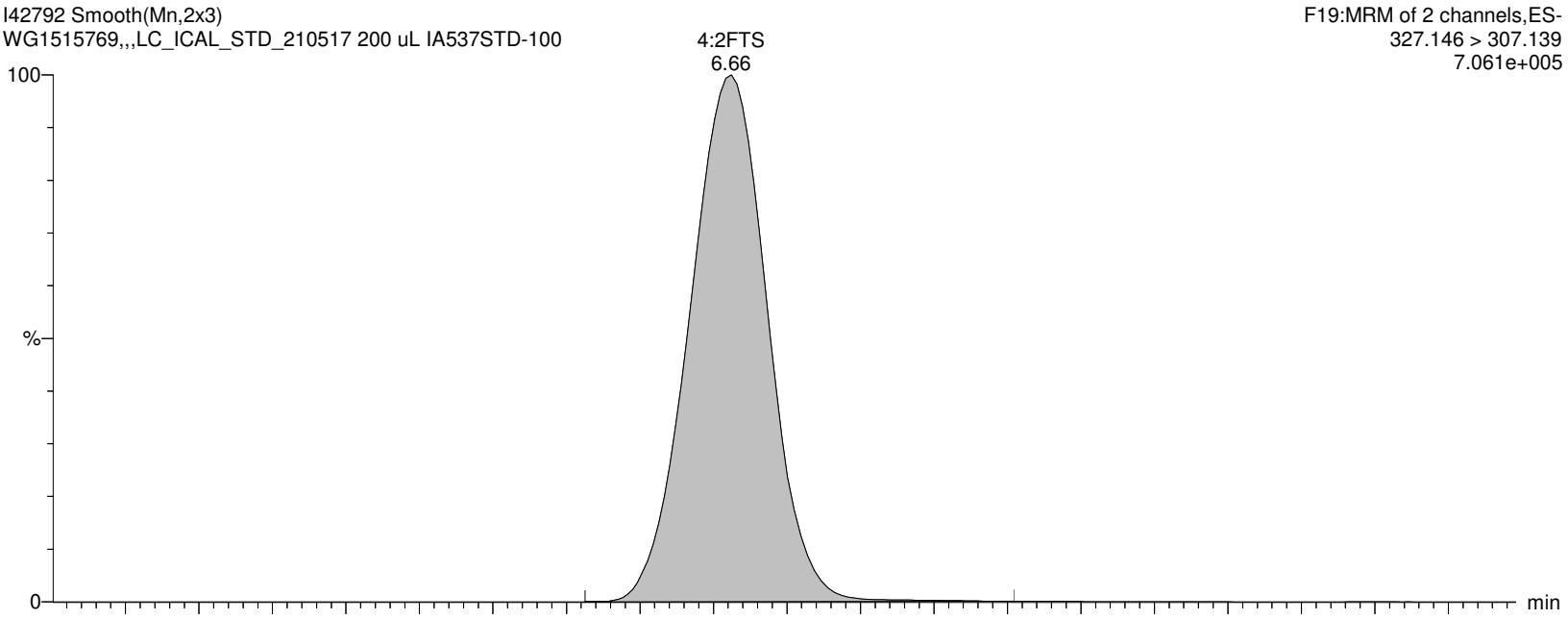


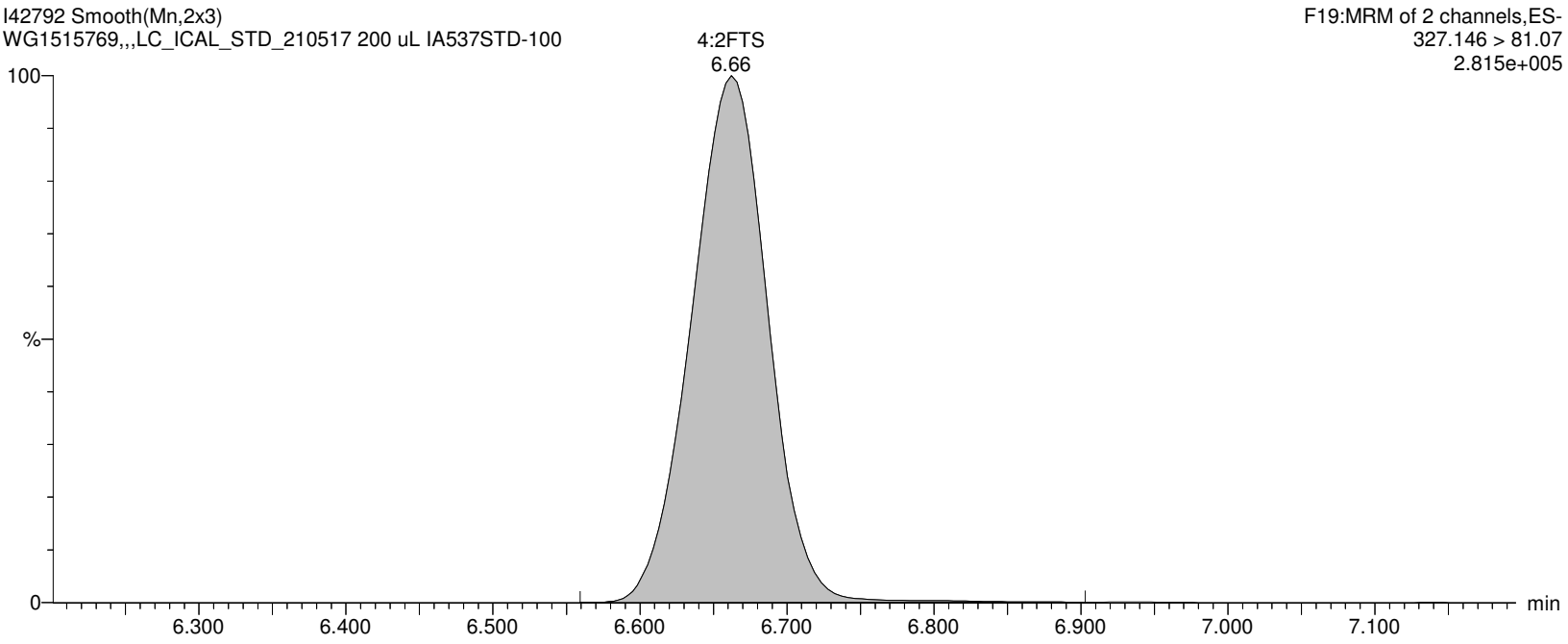
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

4:2FTS



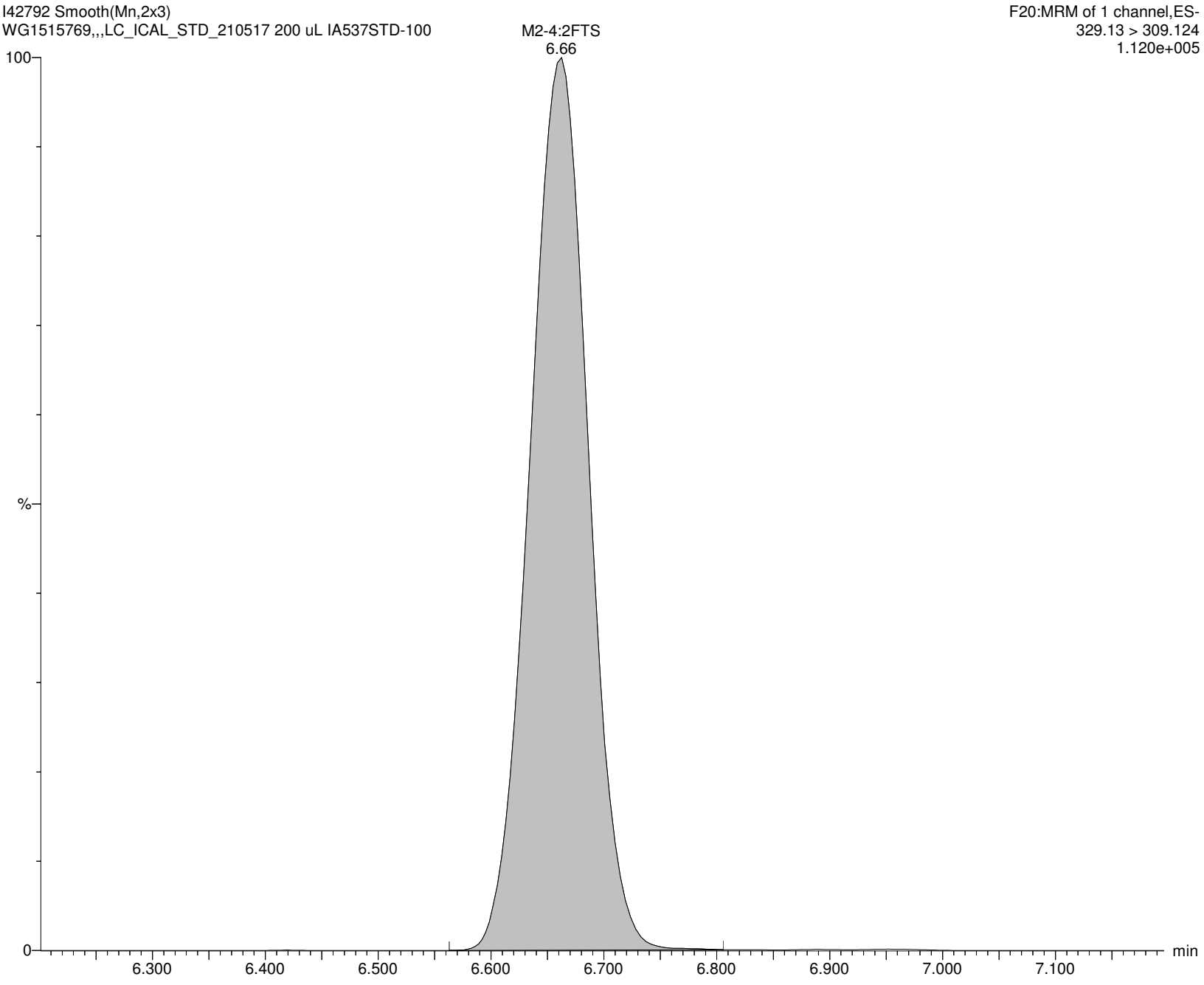


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-4:2FTS

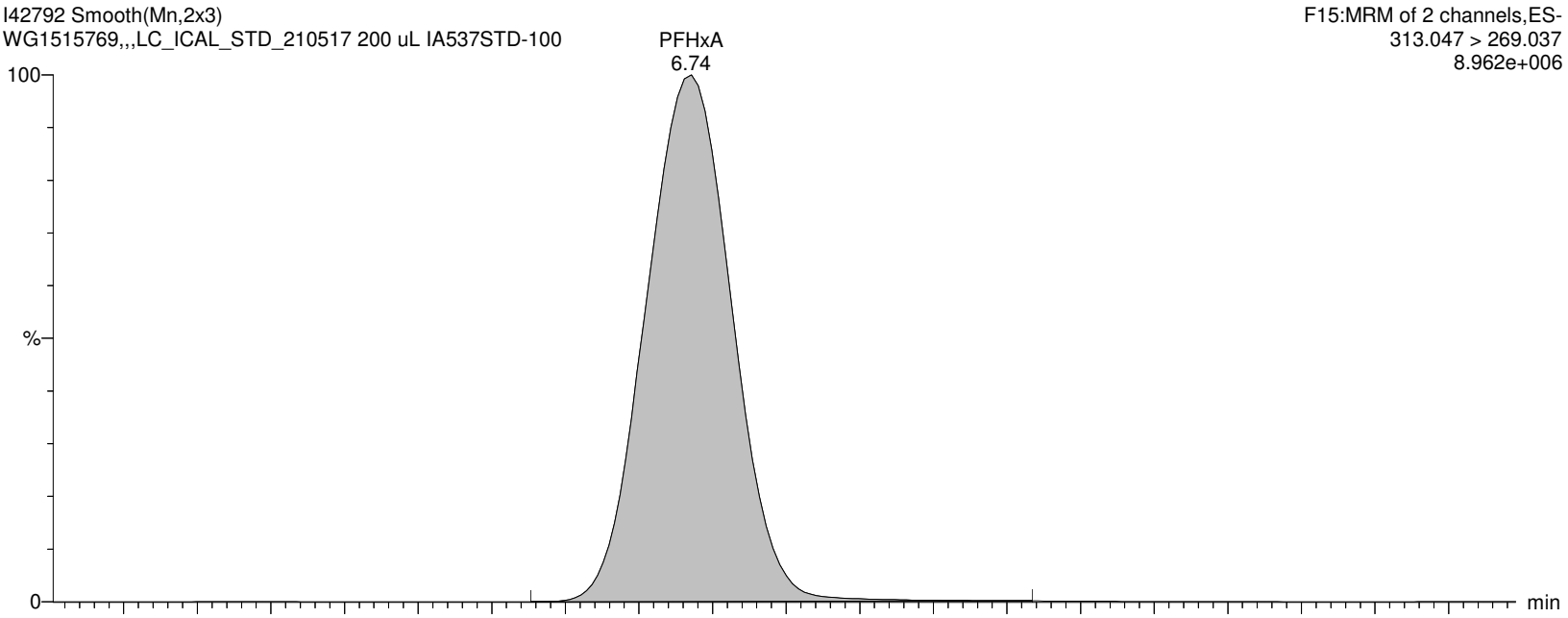


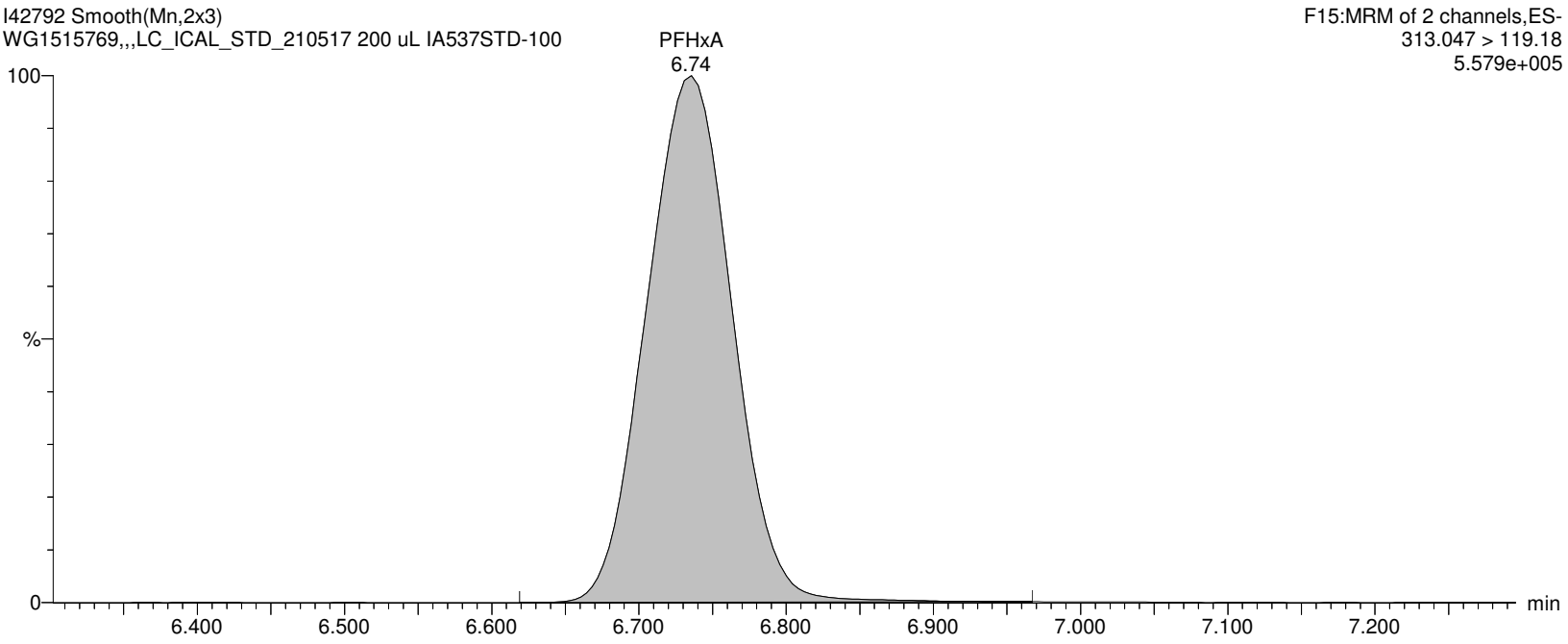
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxA



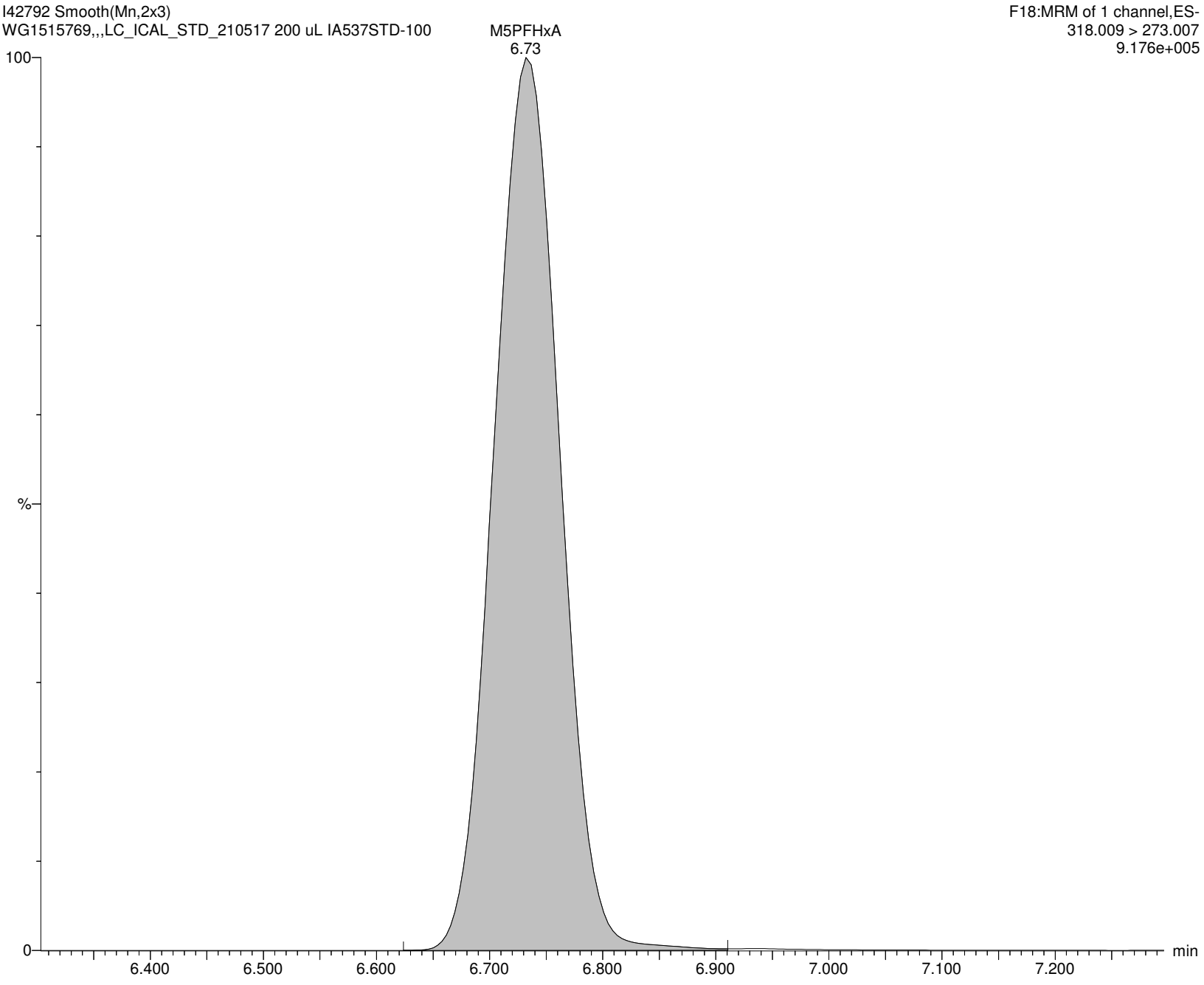


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFHxA

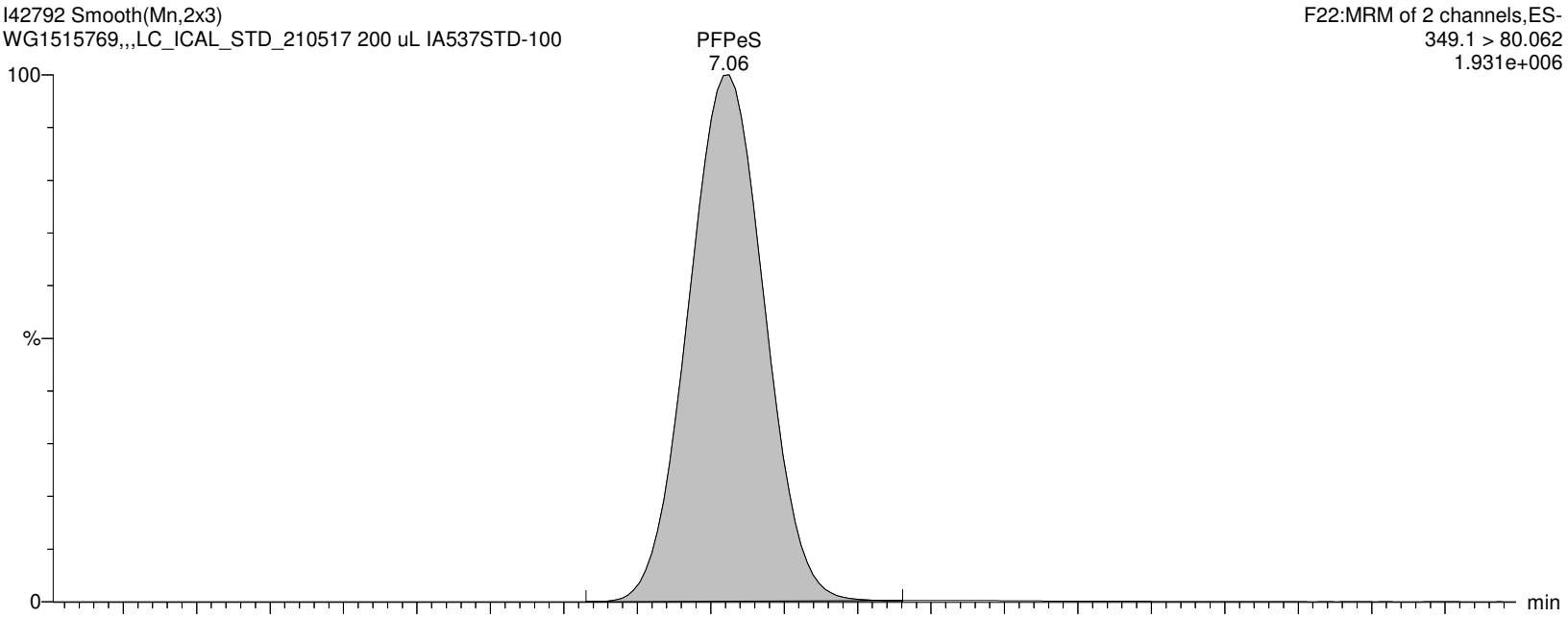


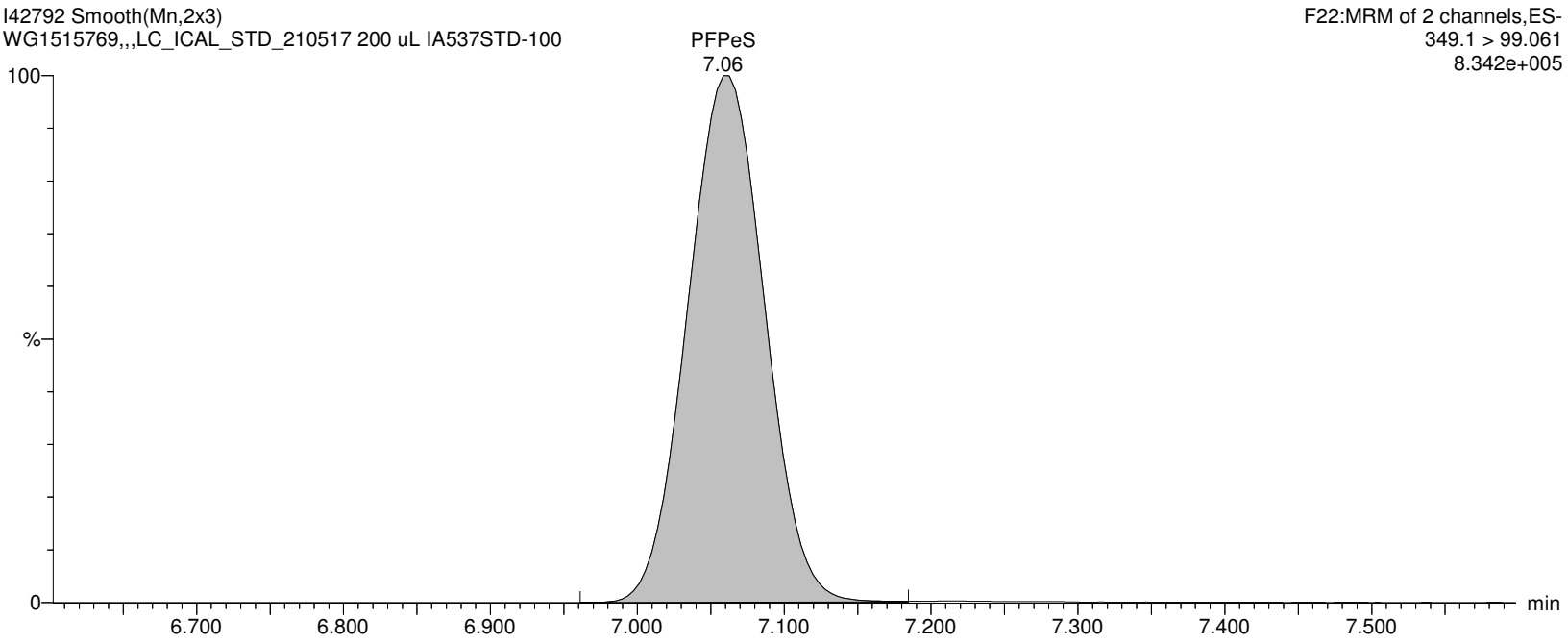
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeS



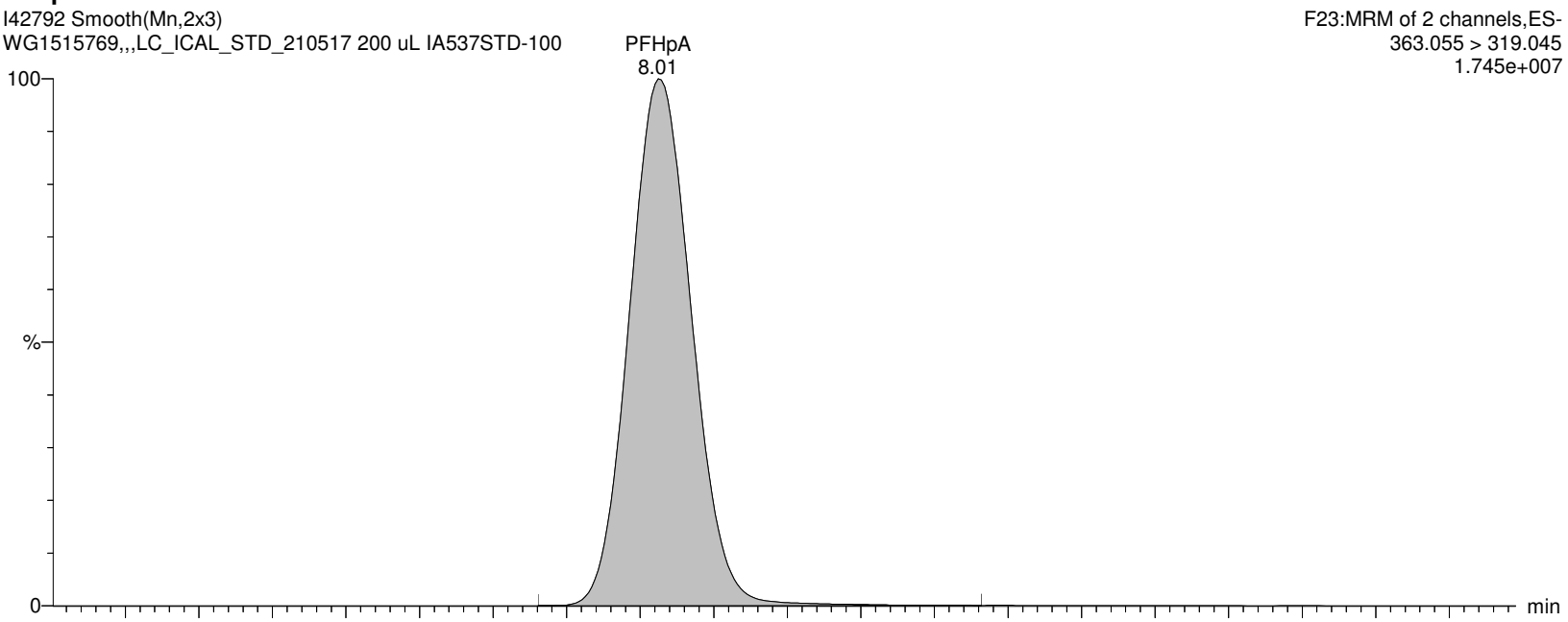


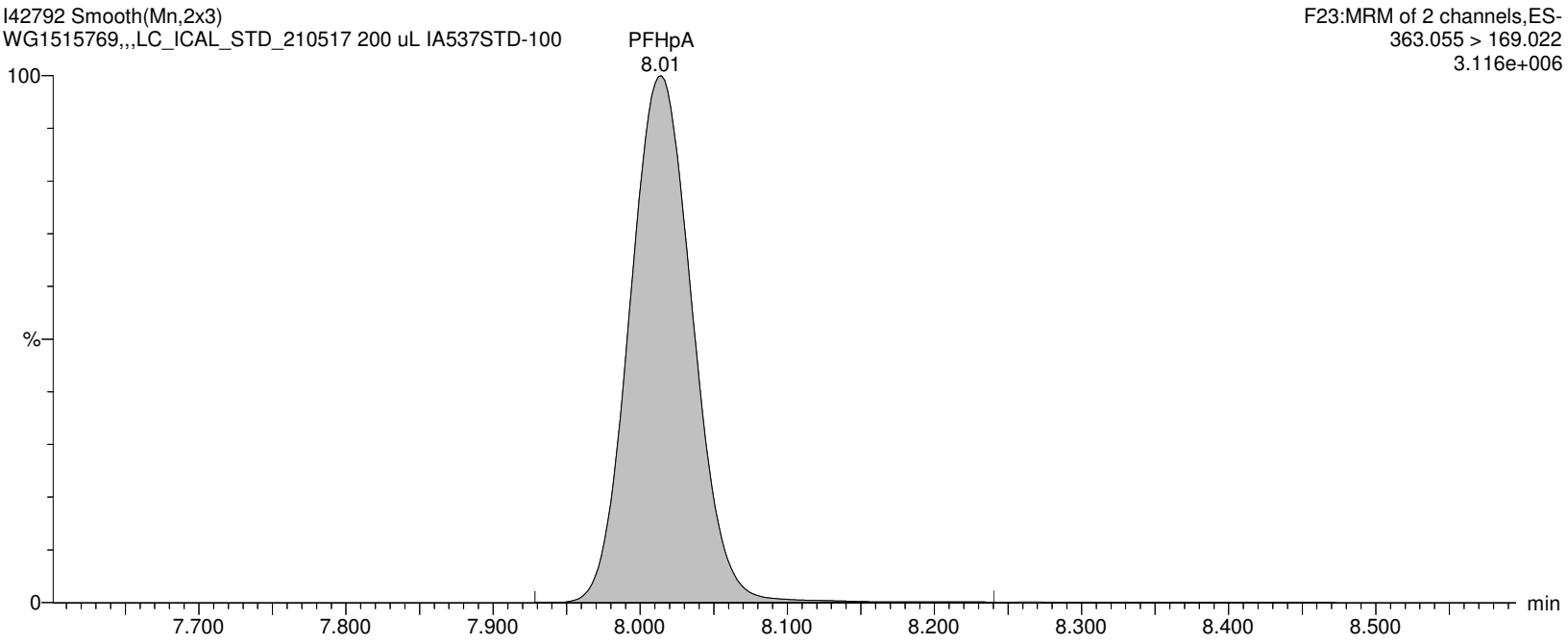
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpA



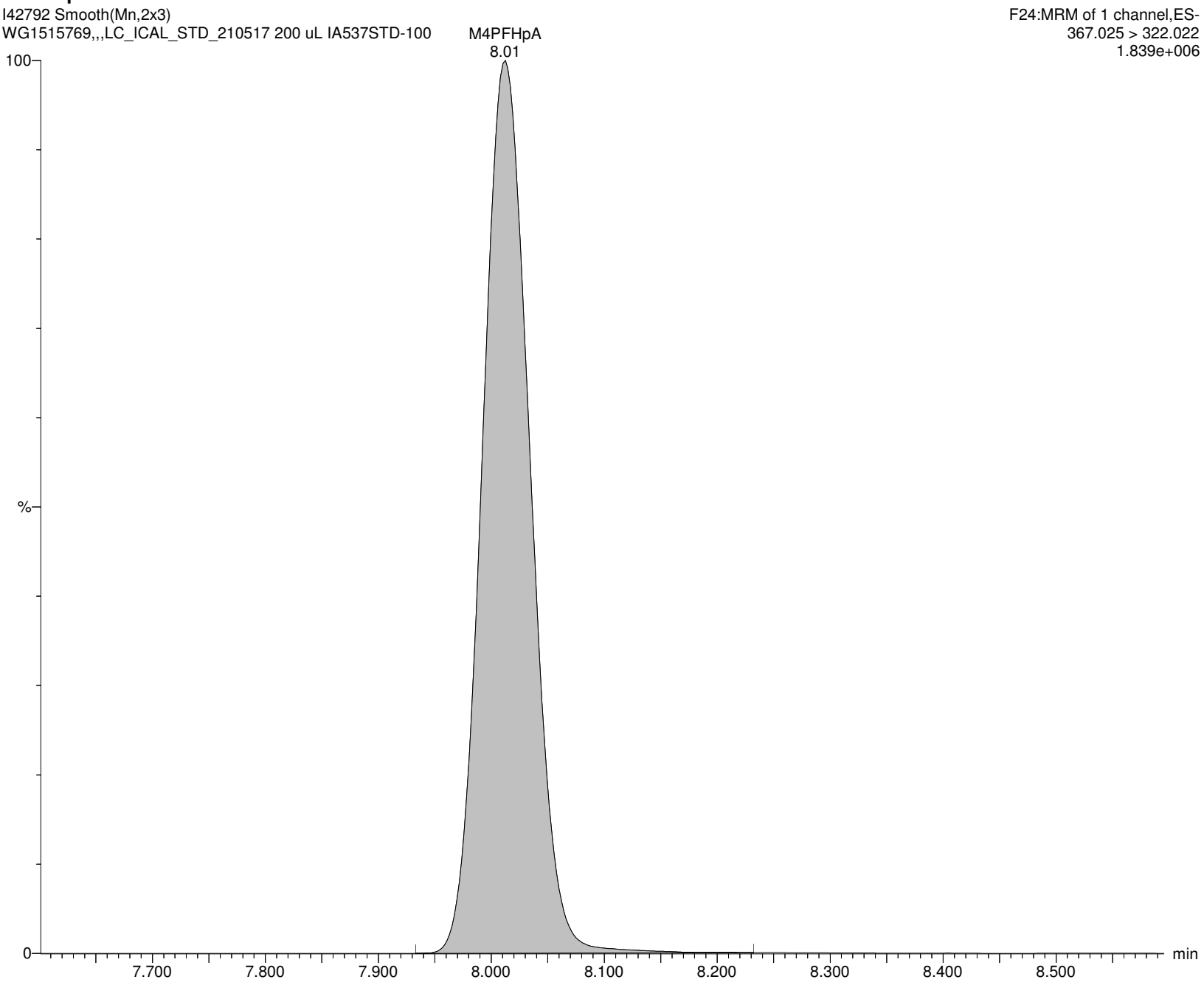


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFHpA

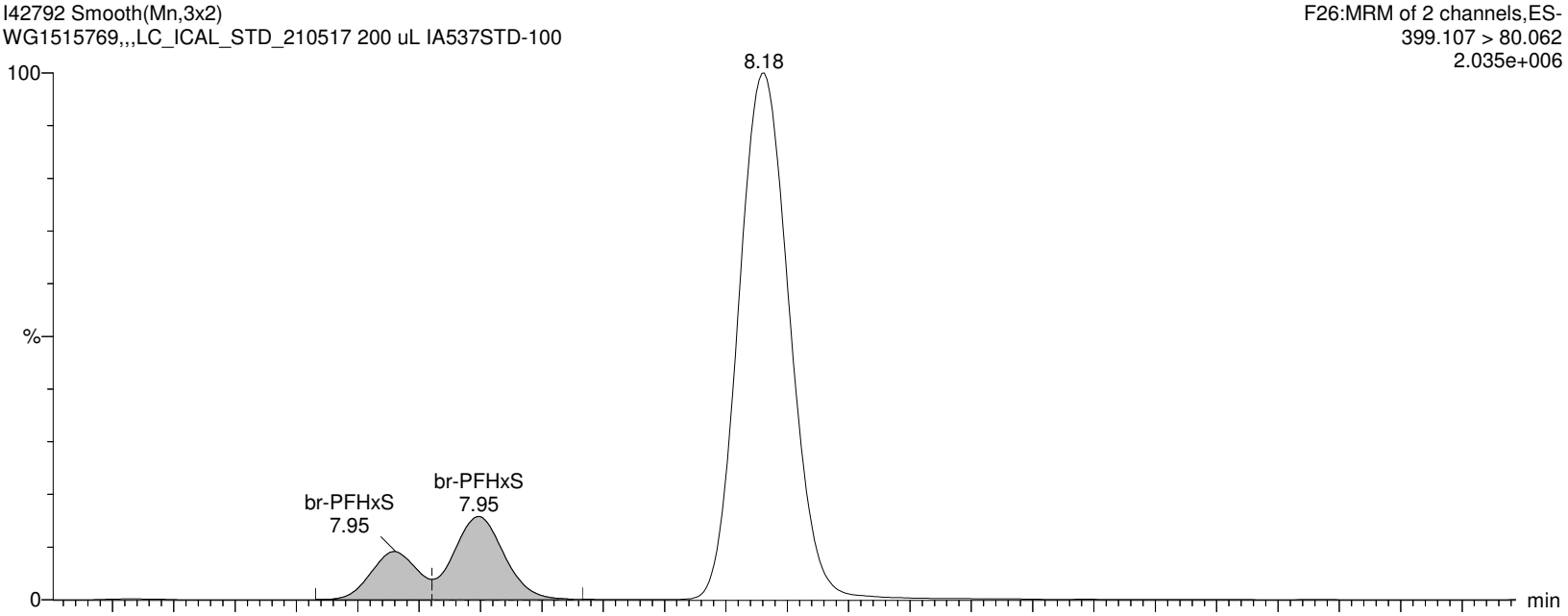


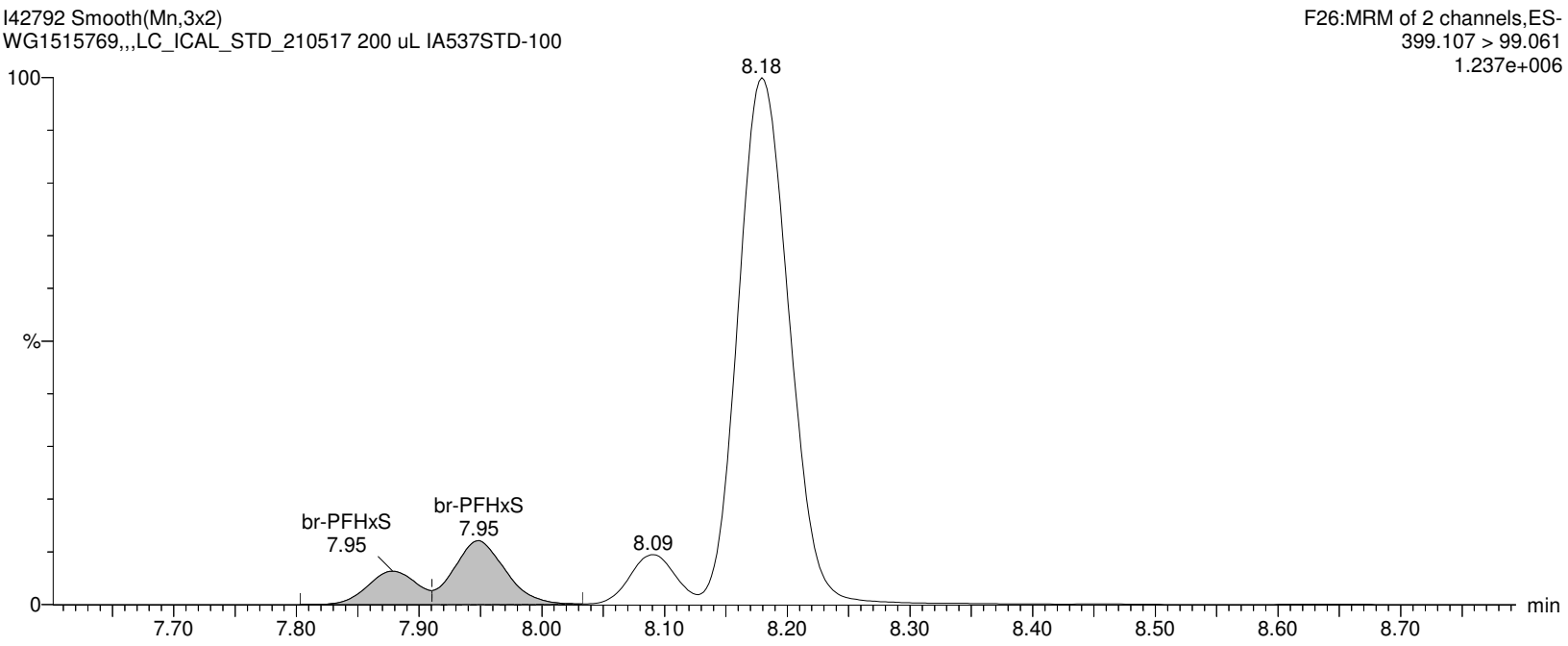
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFHxS



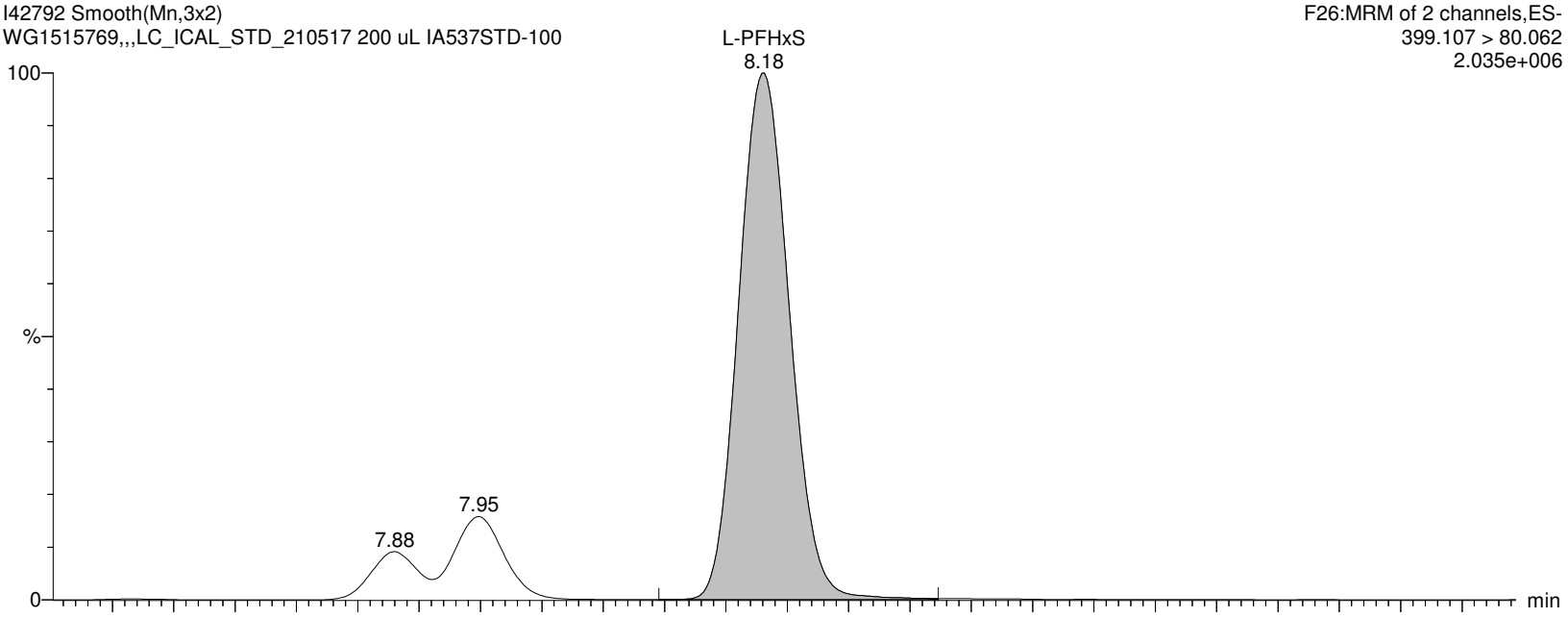


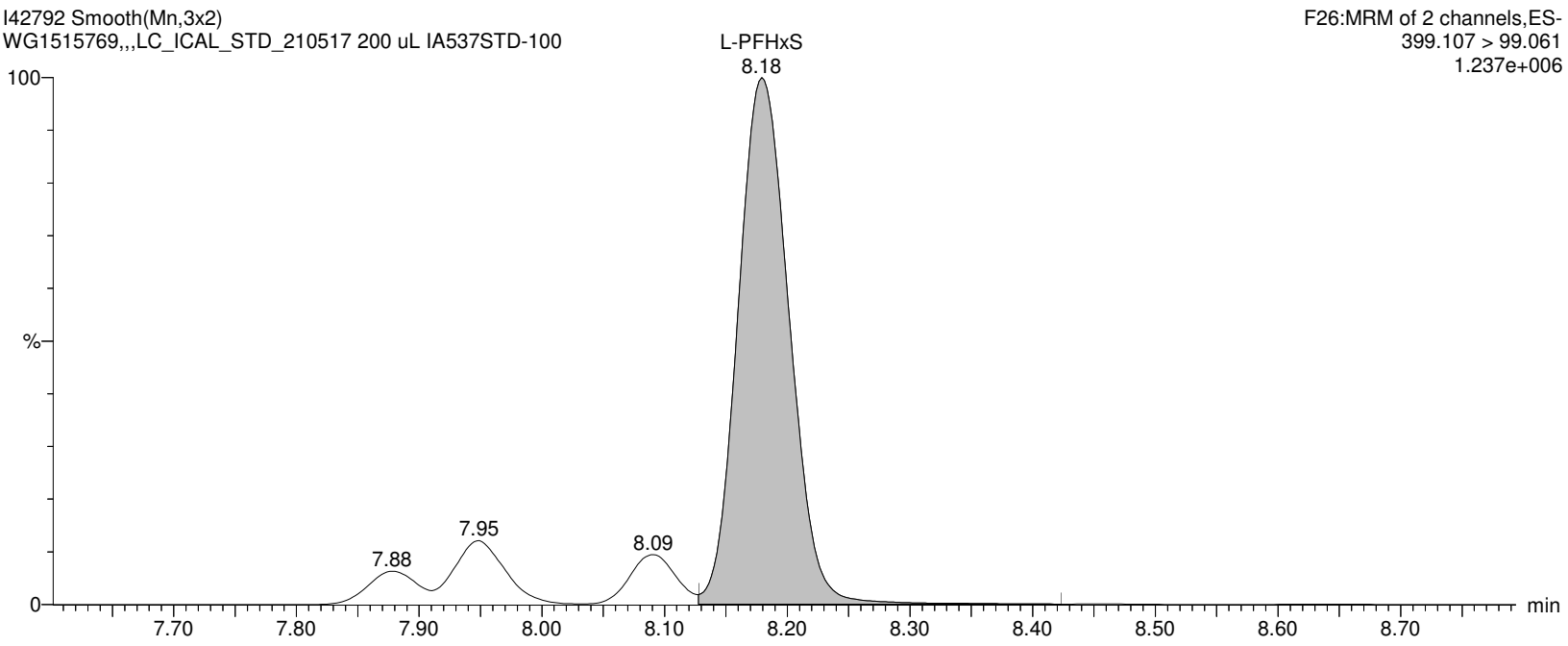
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFHxS



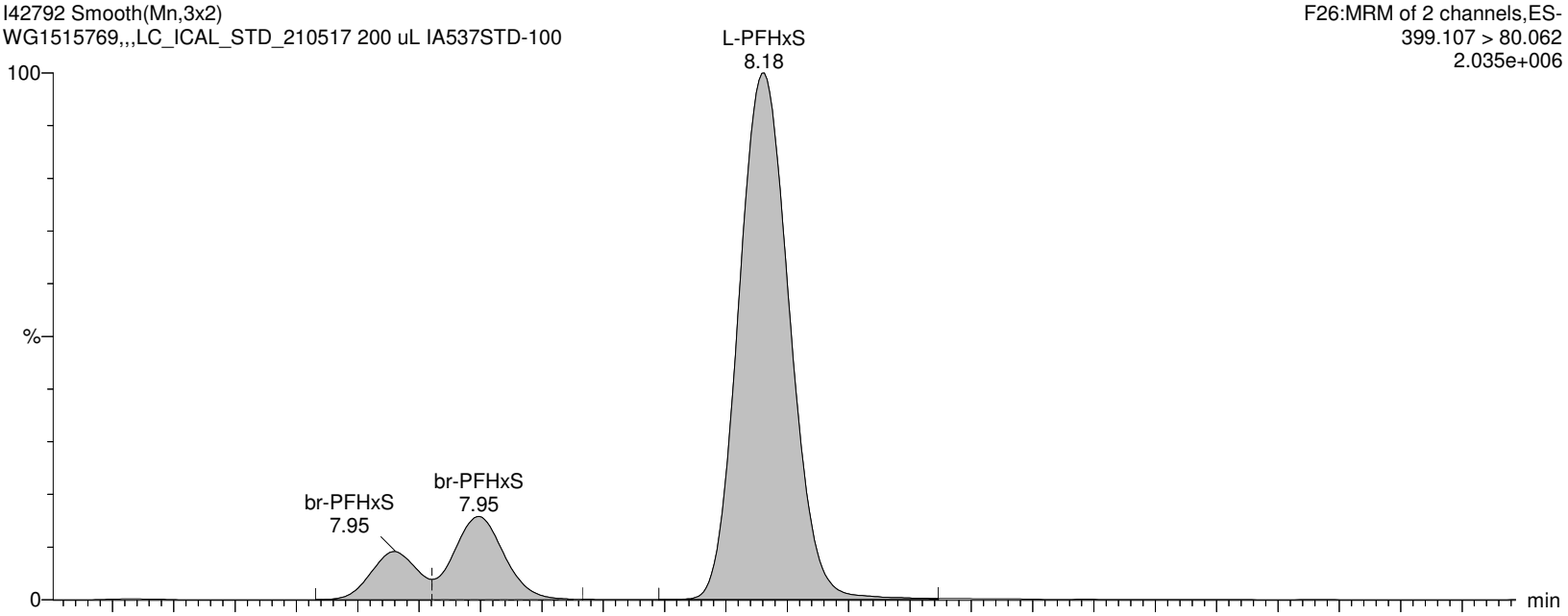


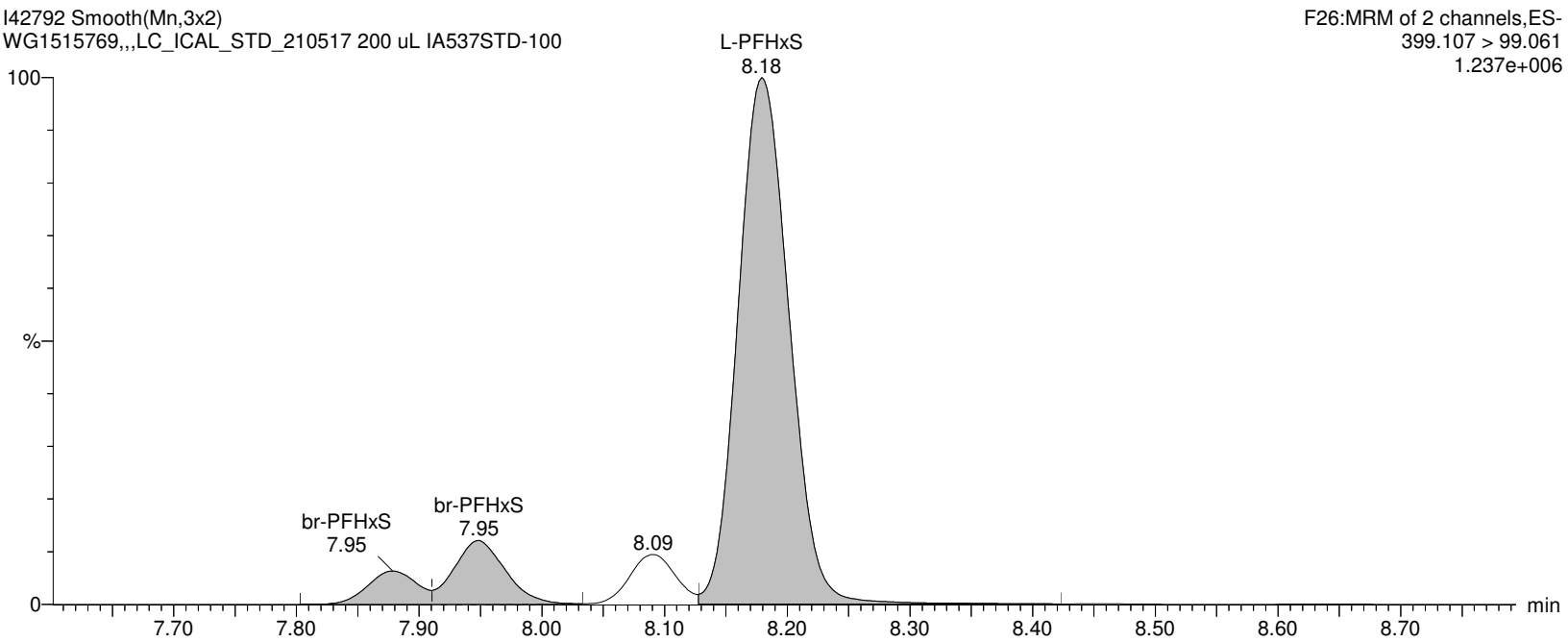
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxS



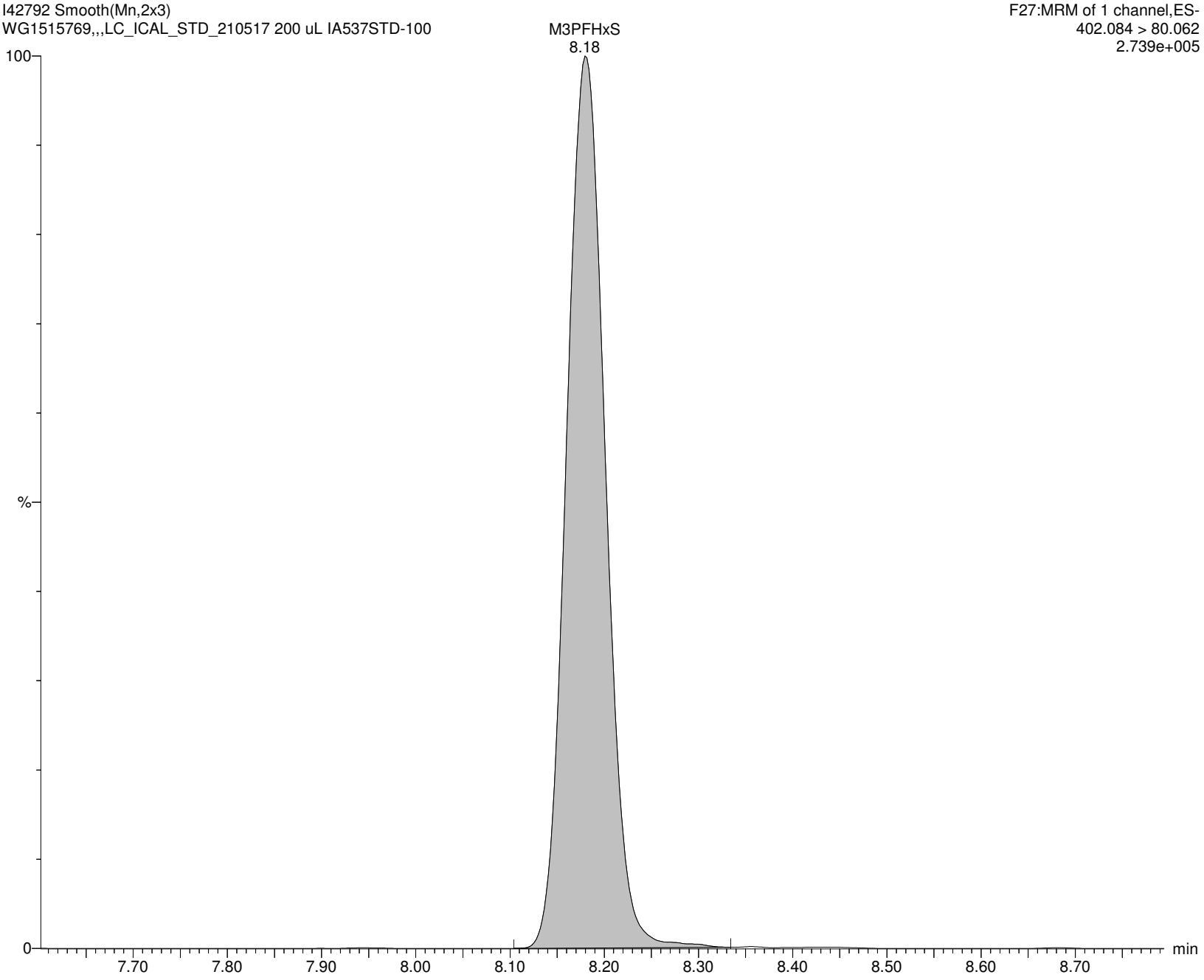


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFHxS

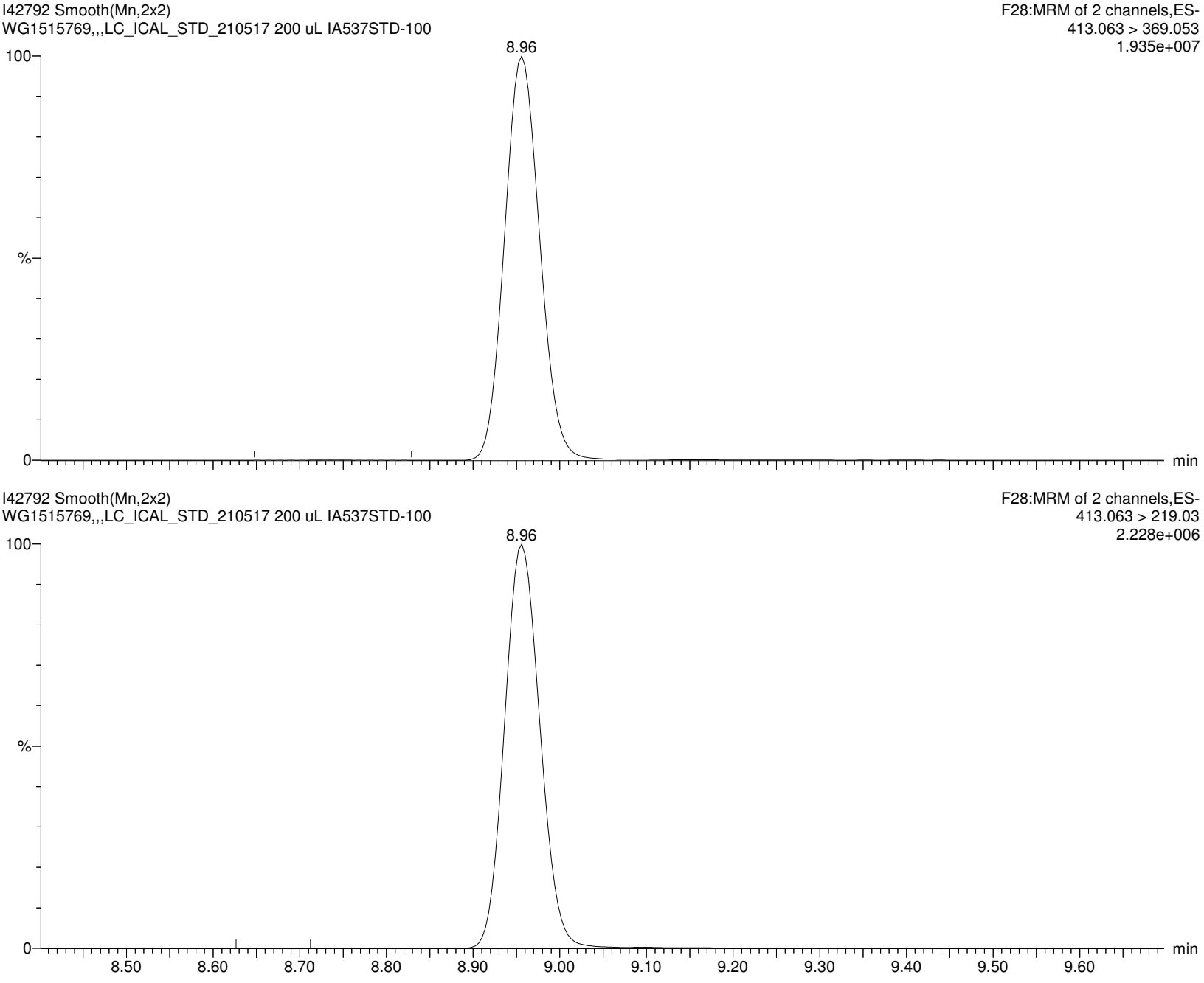


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOA

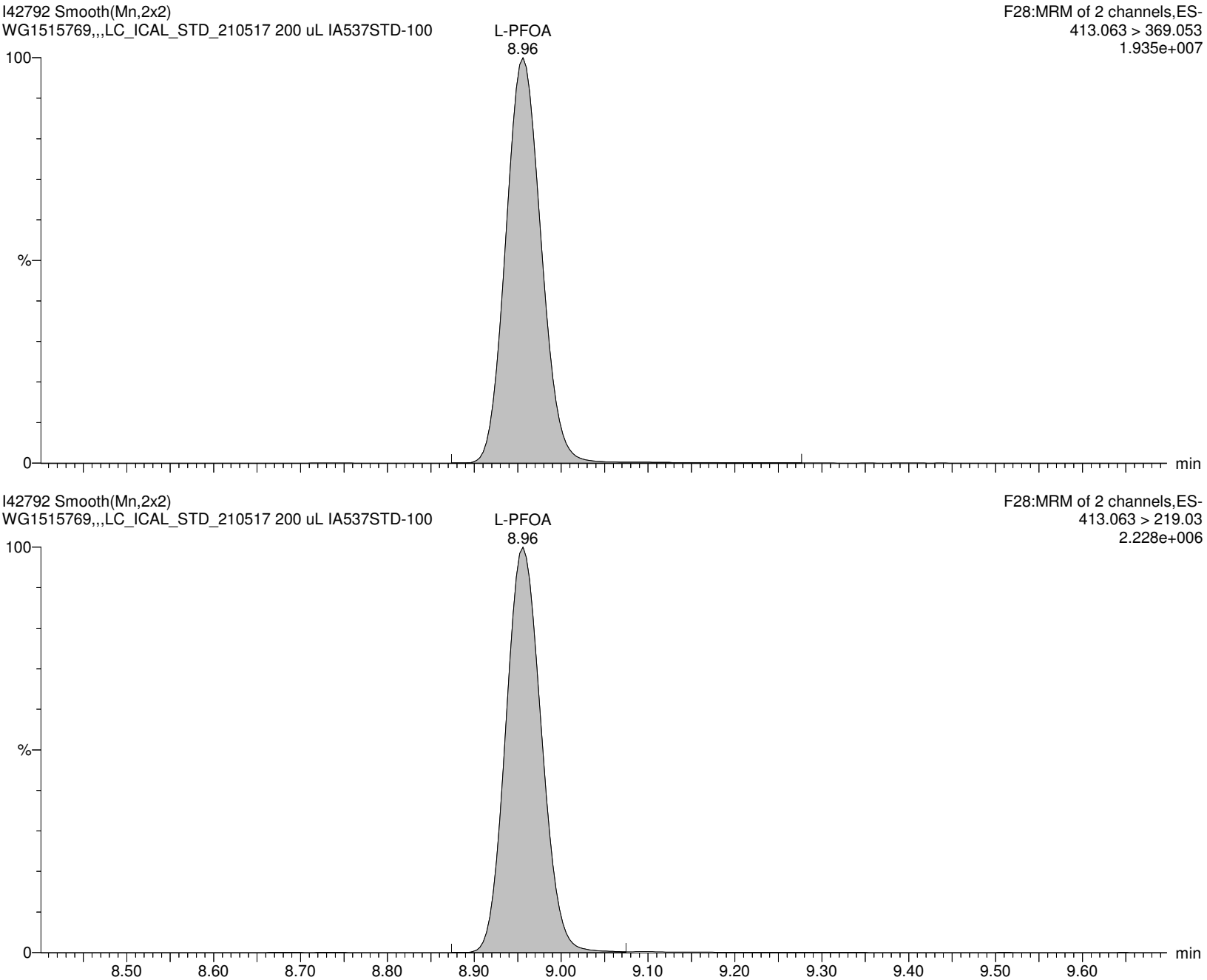


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOA

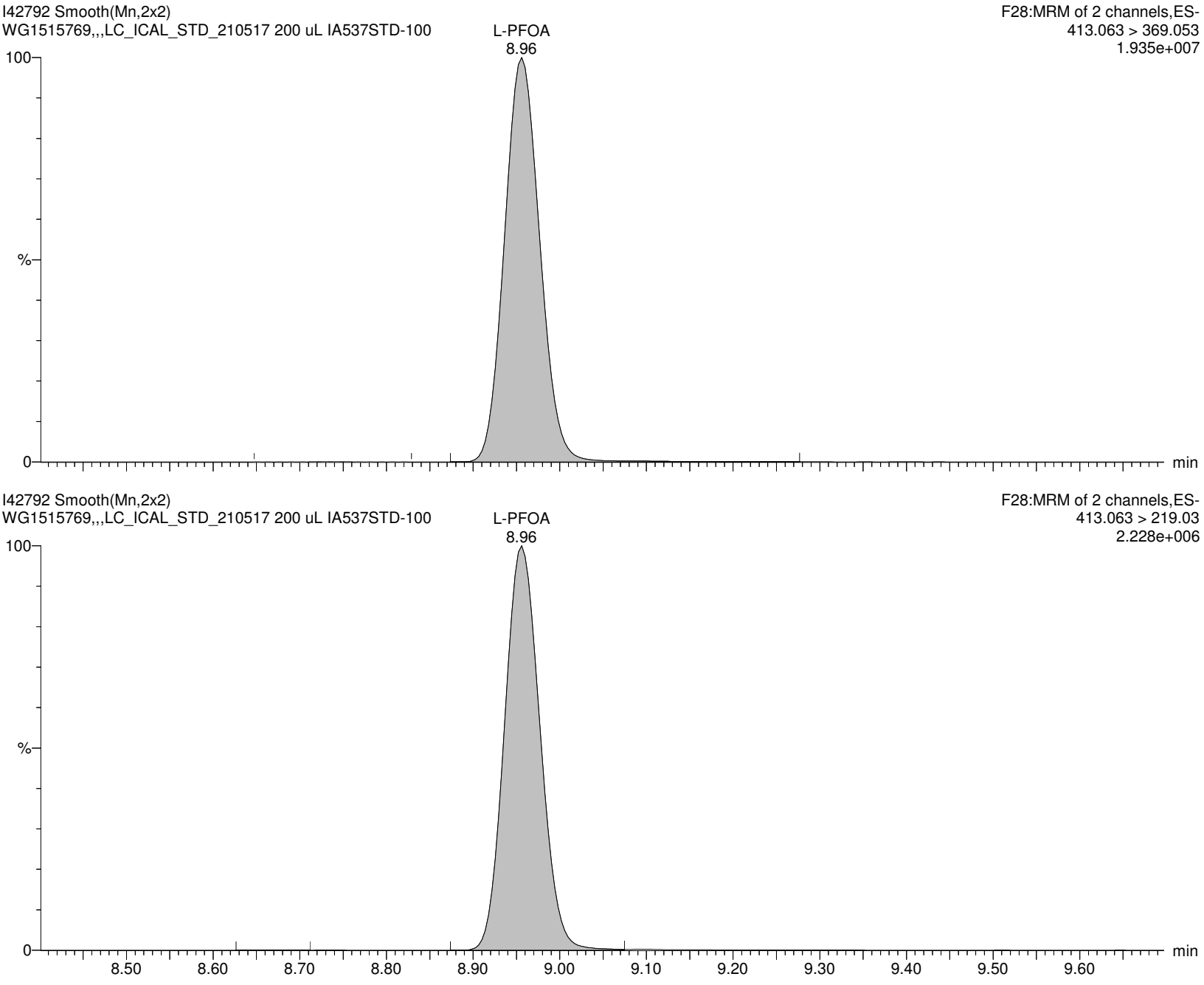


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOA

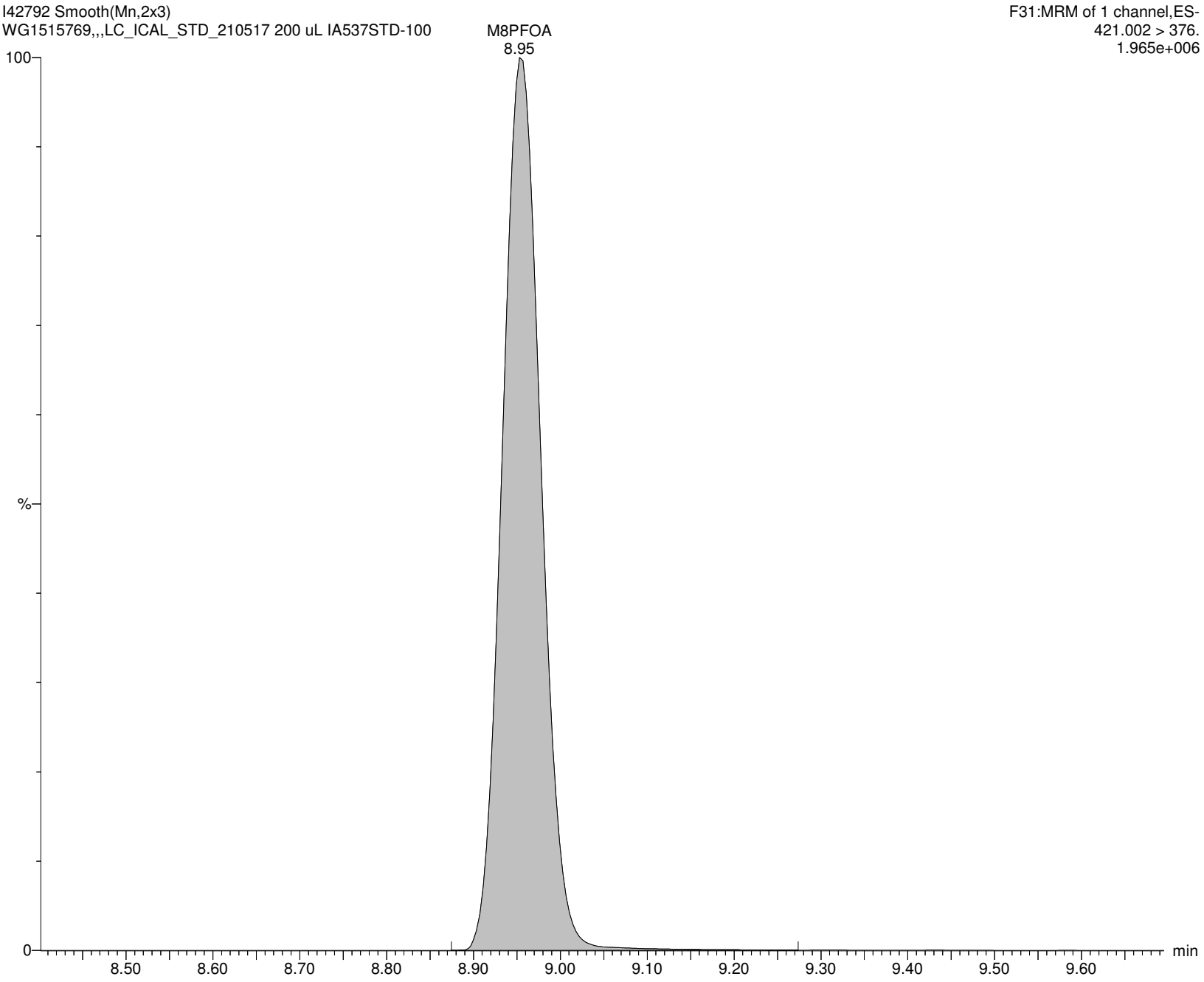


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOA

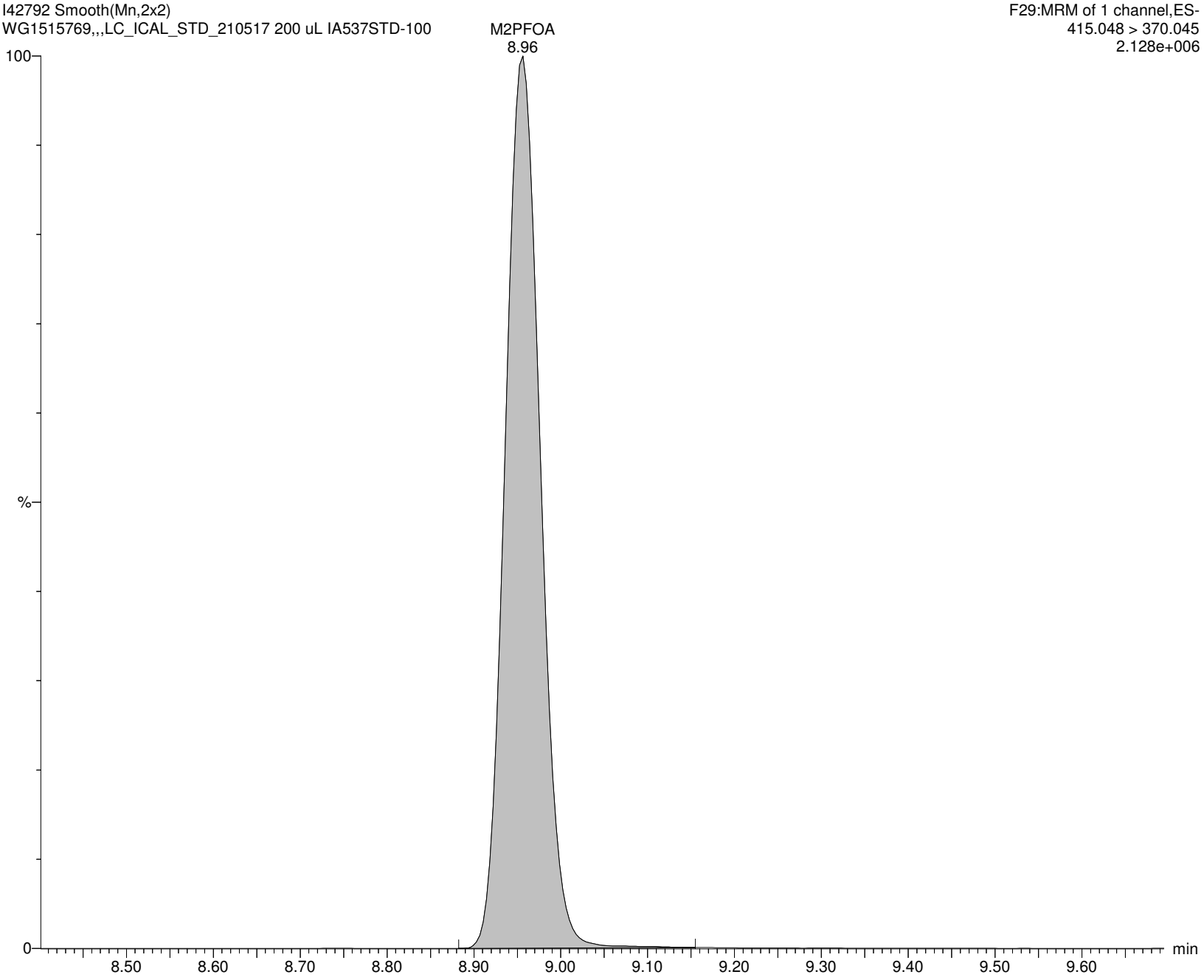


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFOA

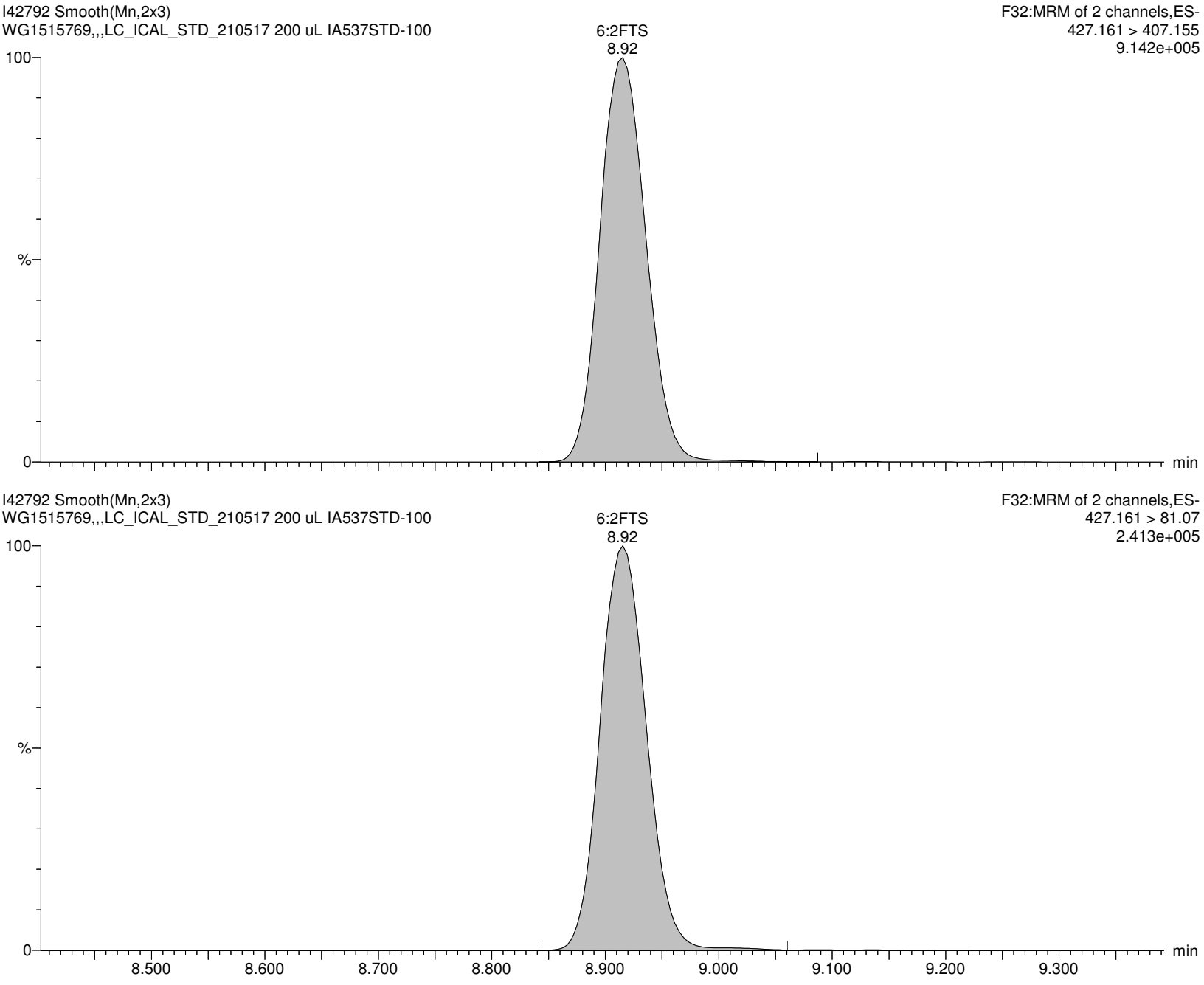


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

6:2FTS

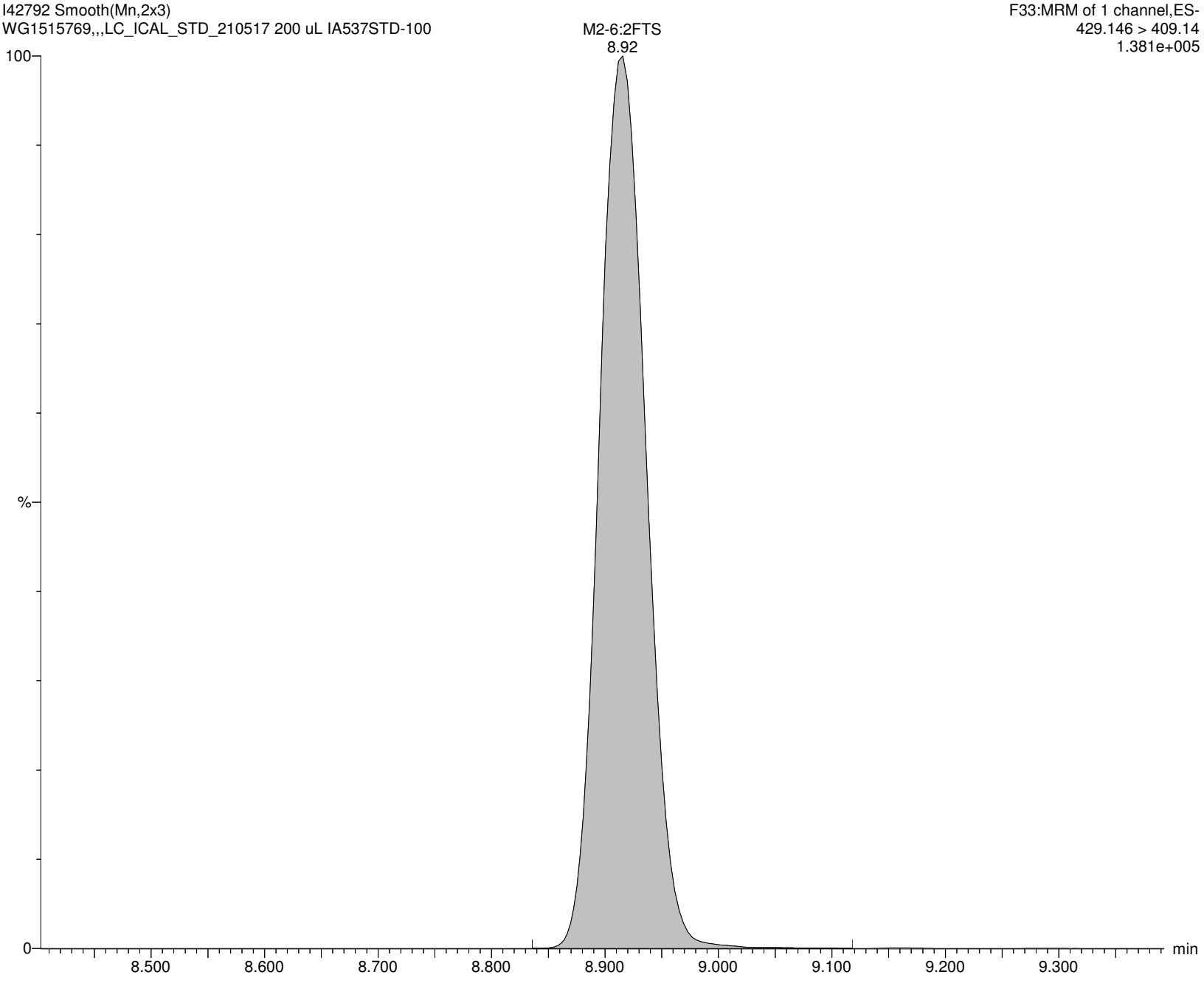


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-6:2FTS

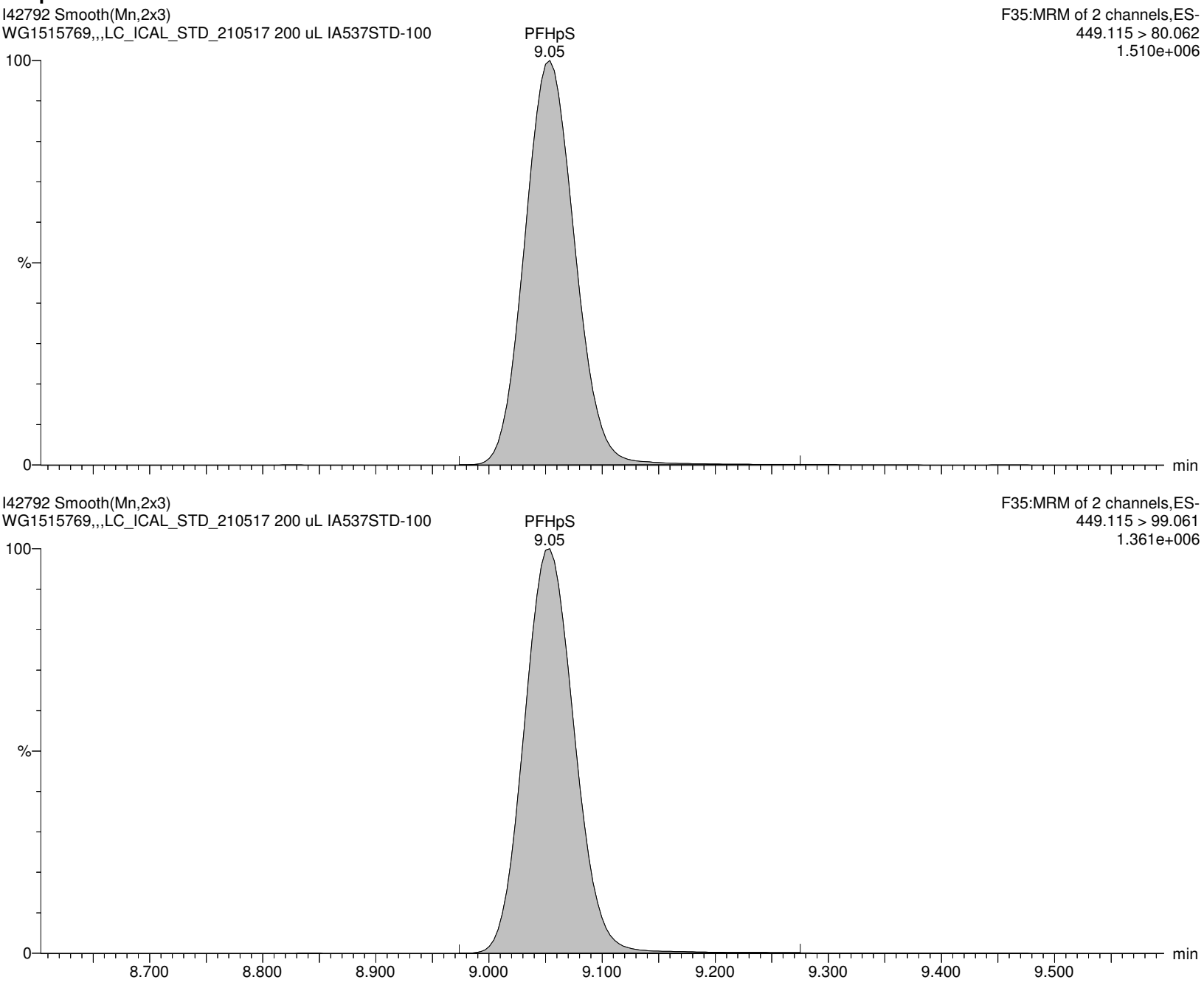


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpS

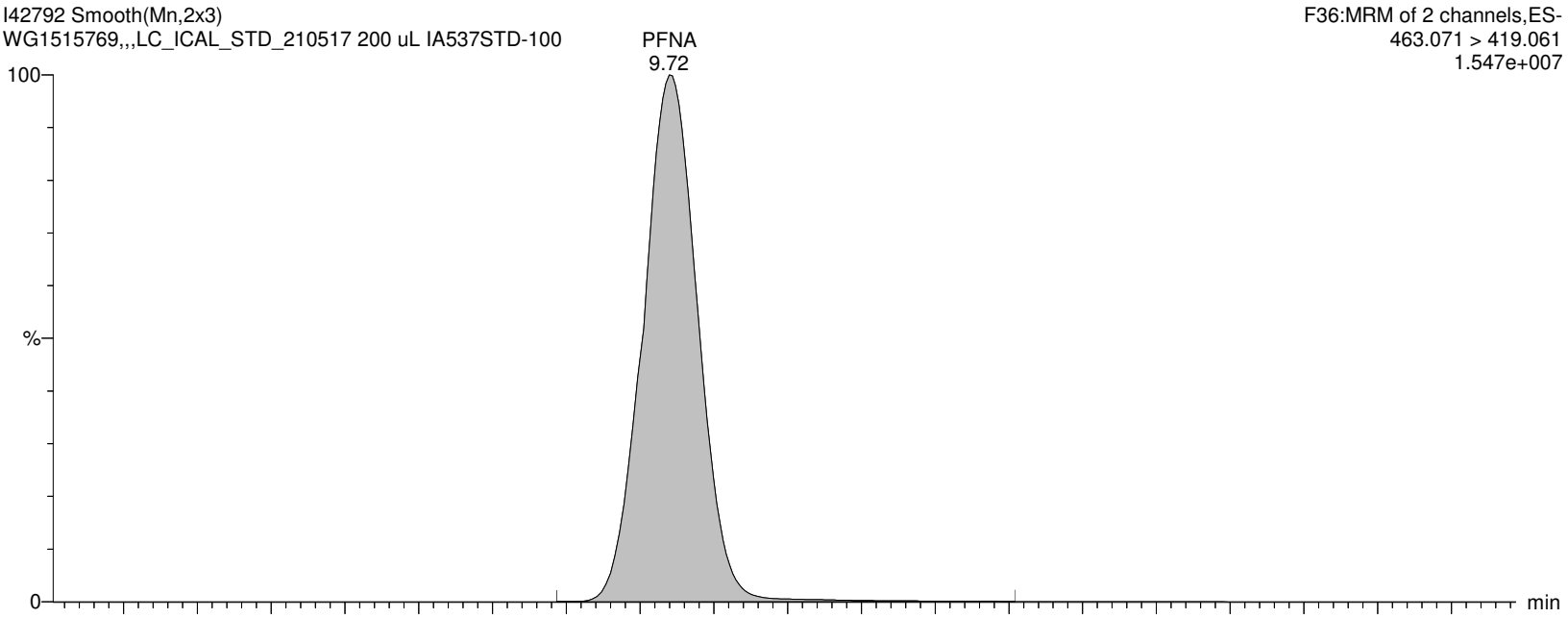


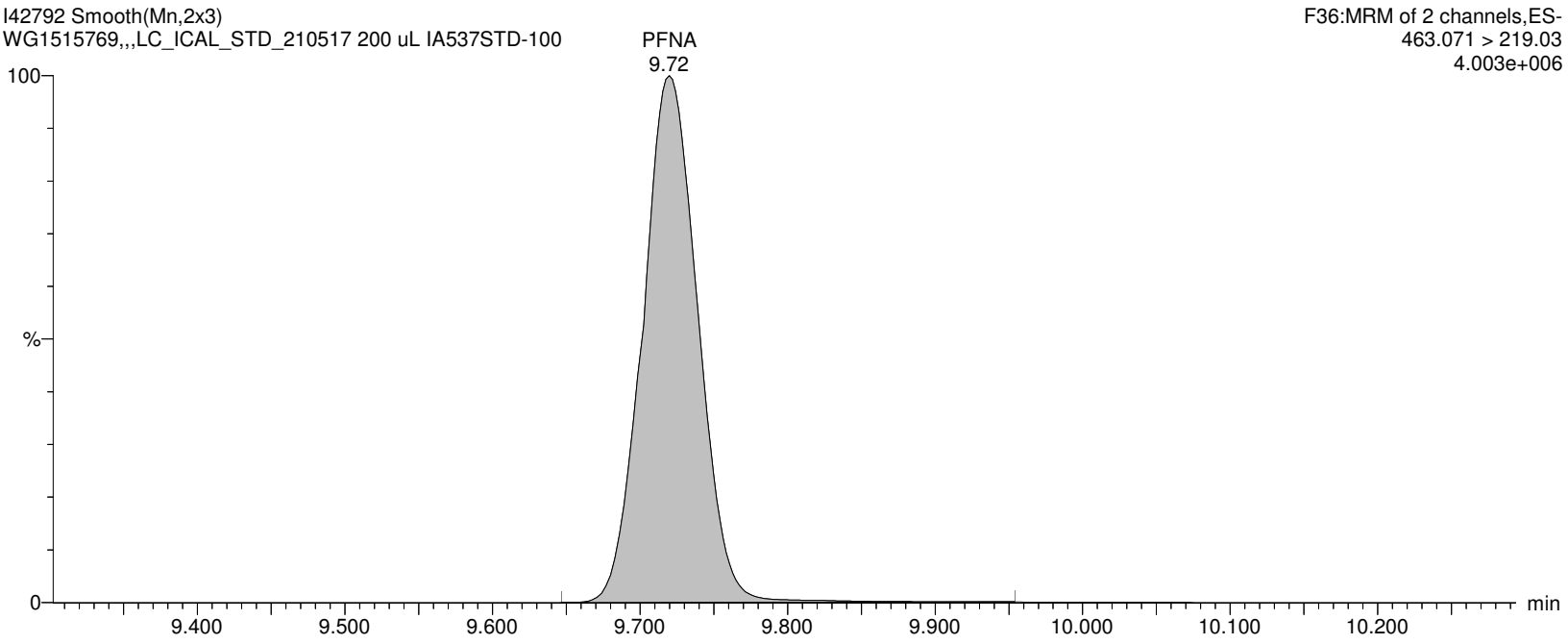
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNA



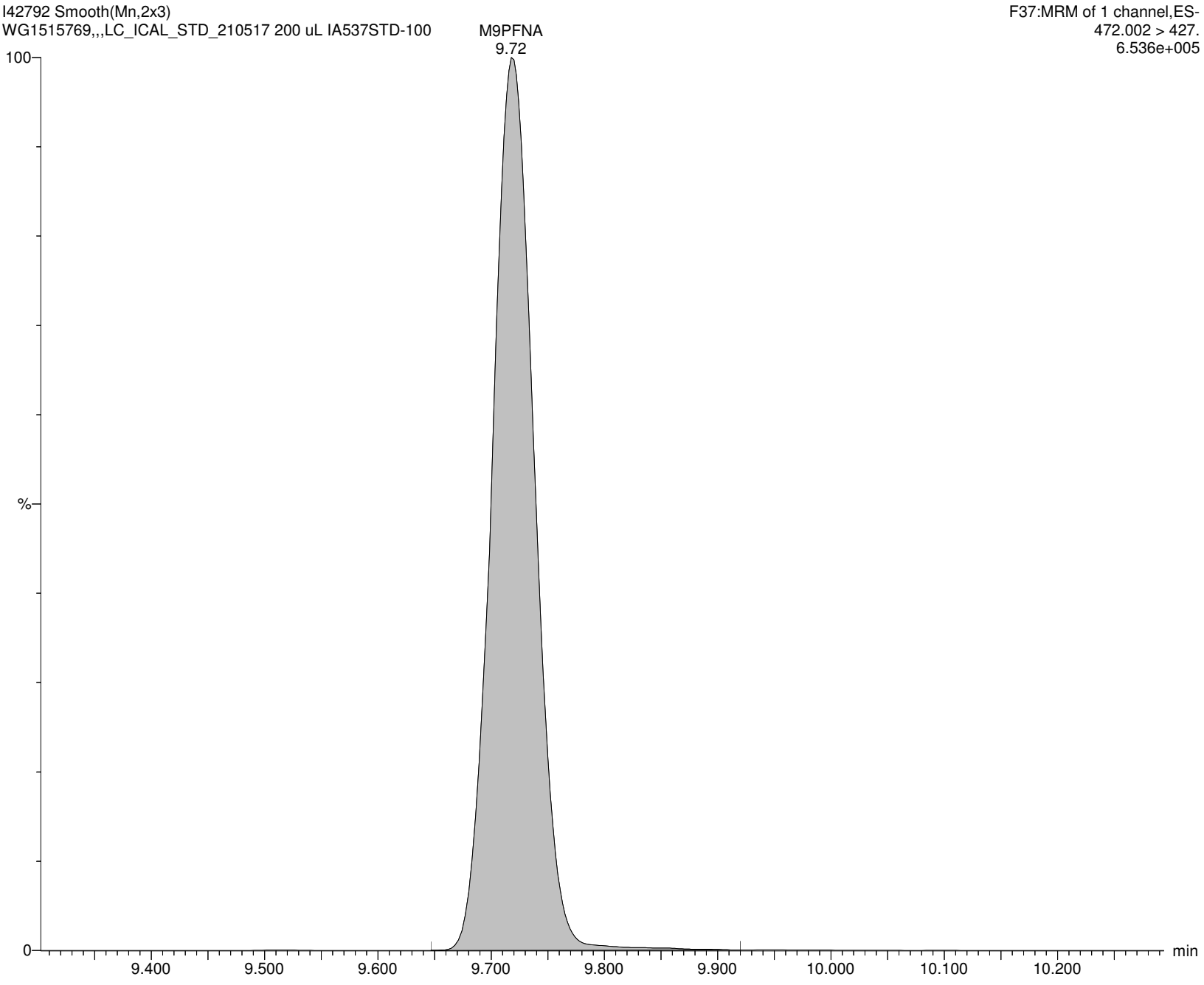


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M9PFNA

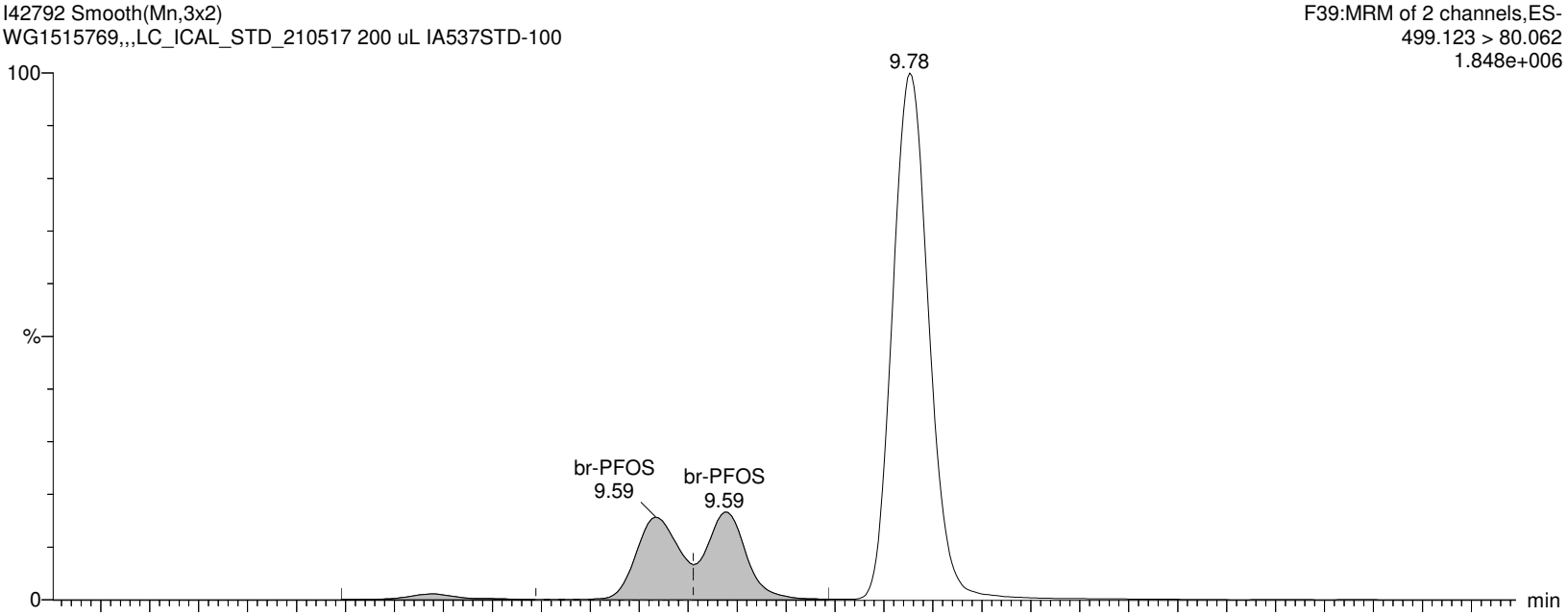


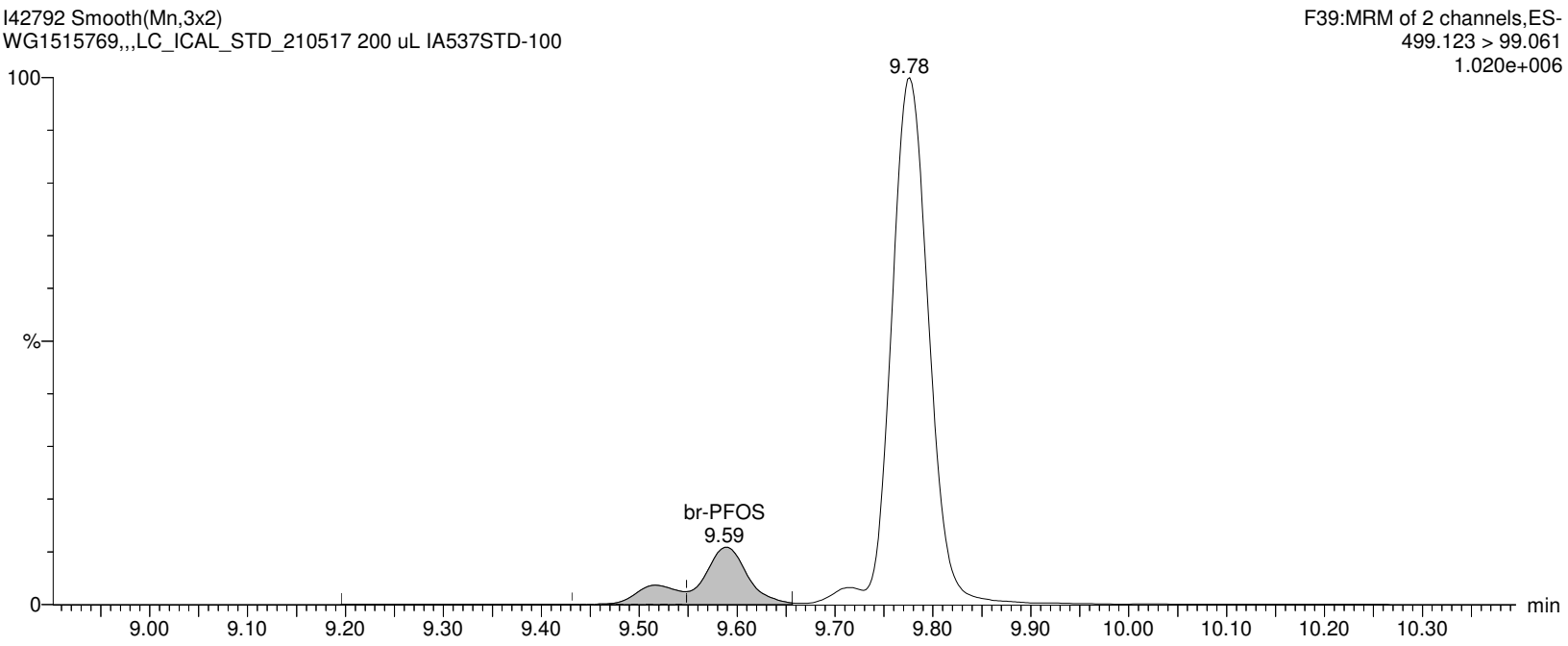
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOS



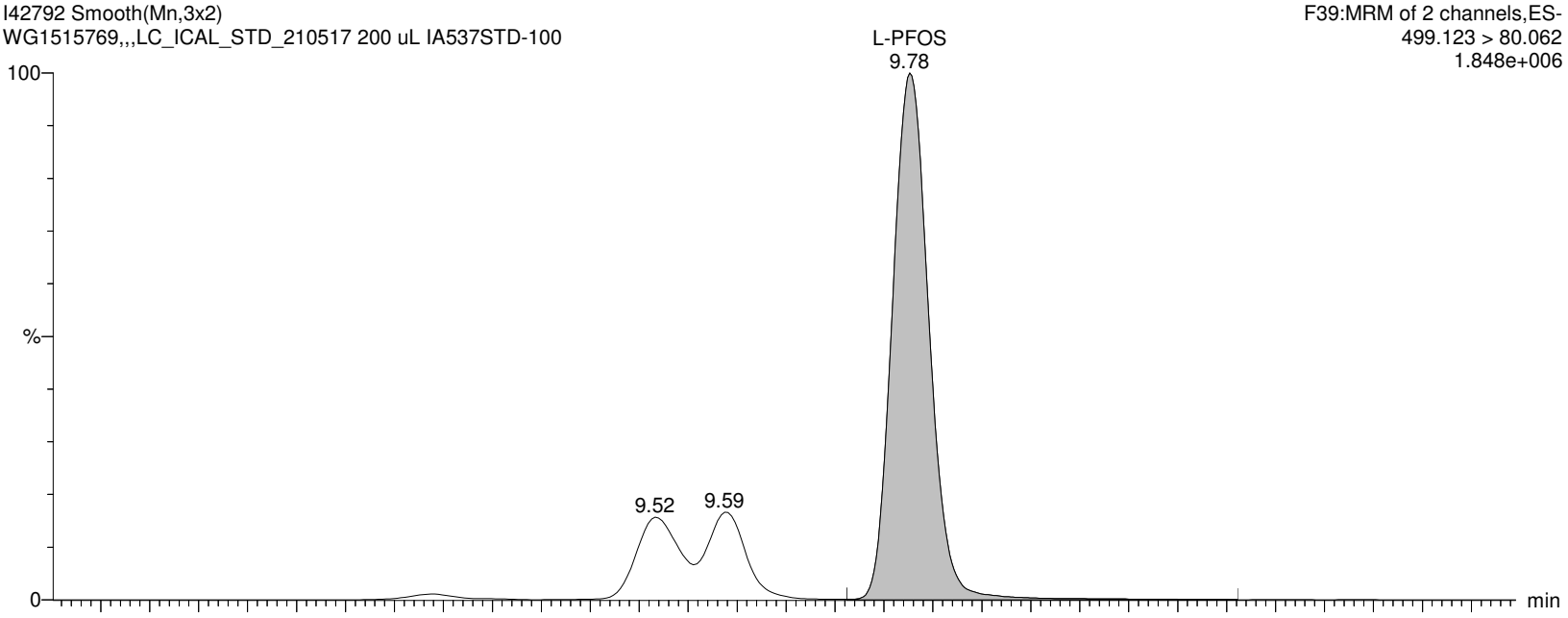


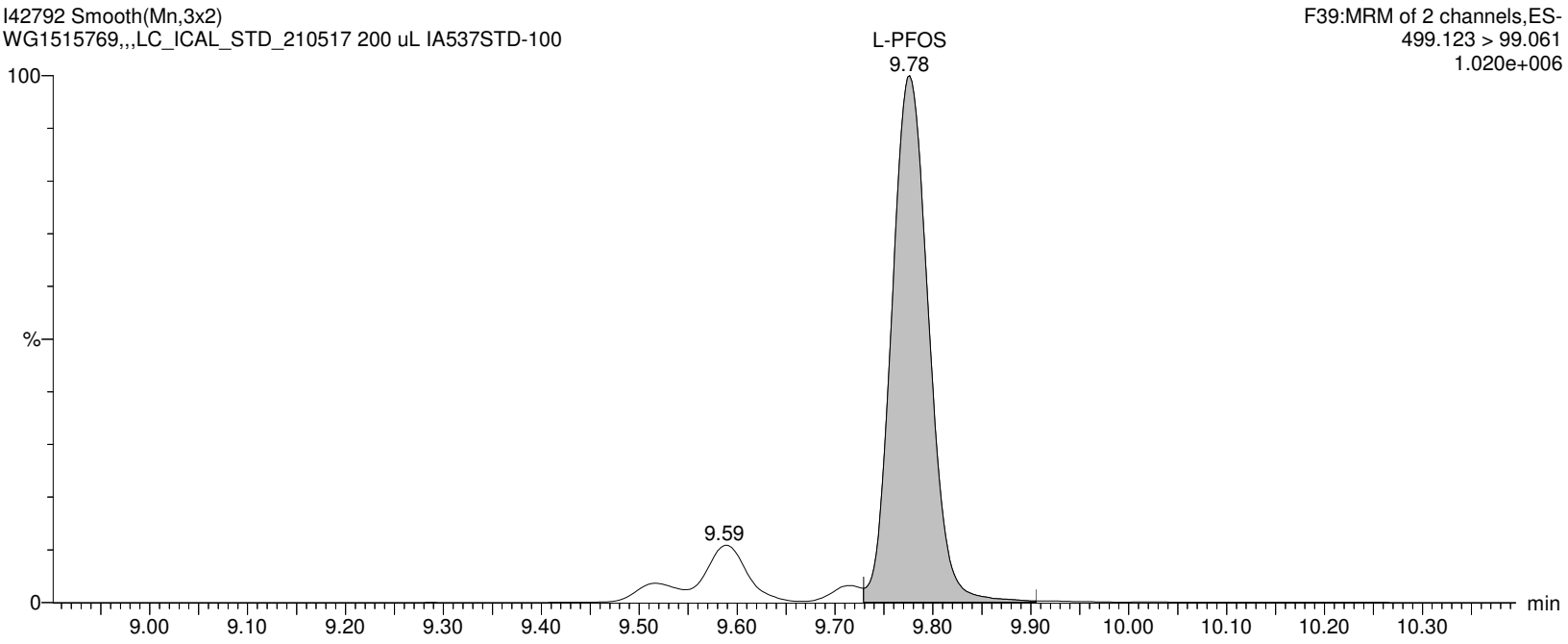
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOS



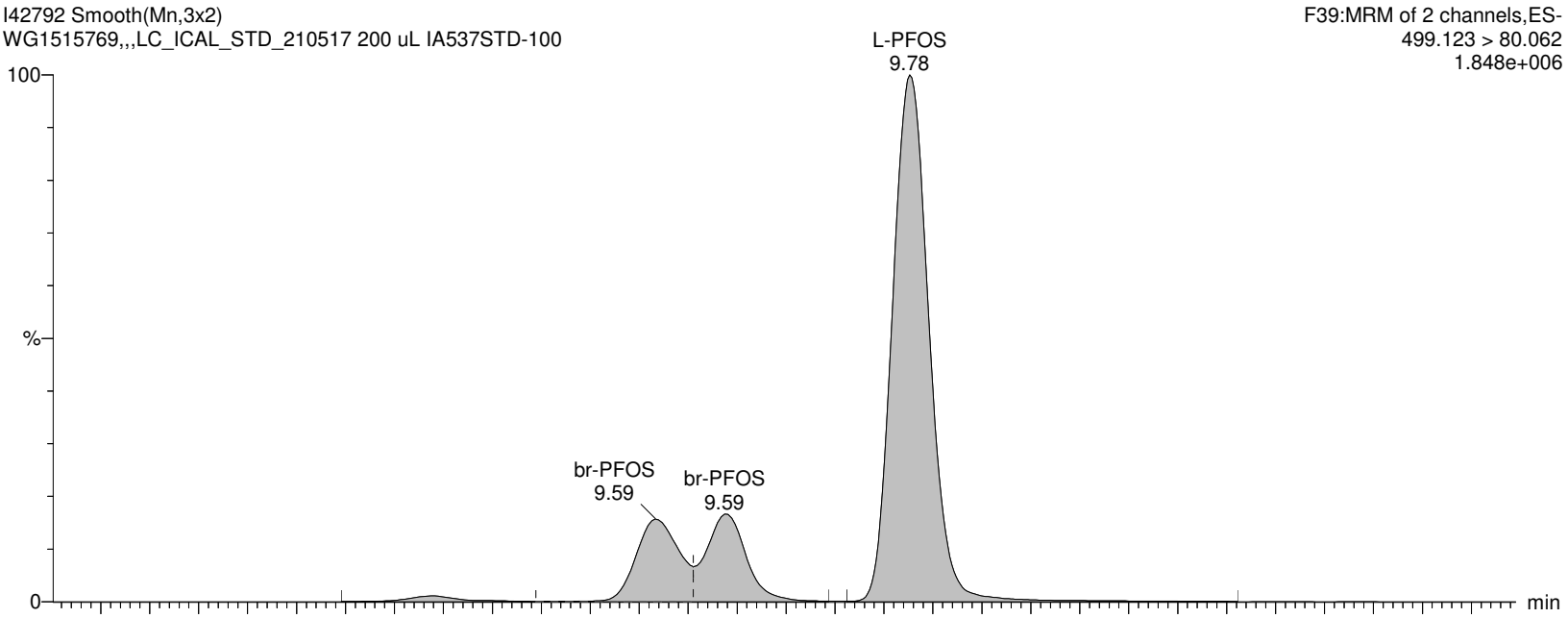


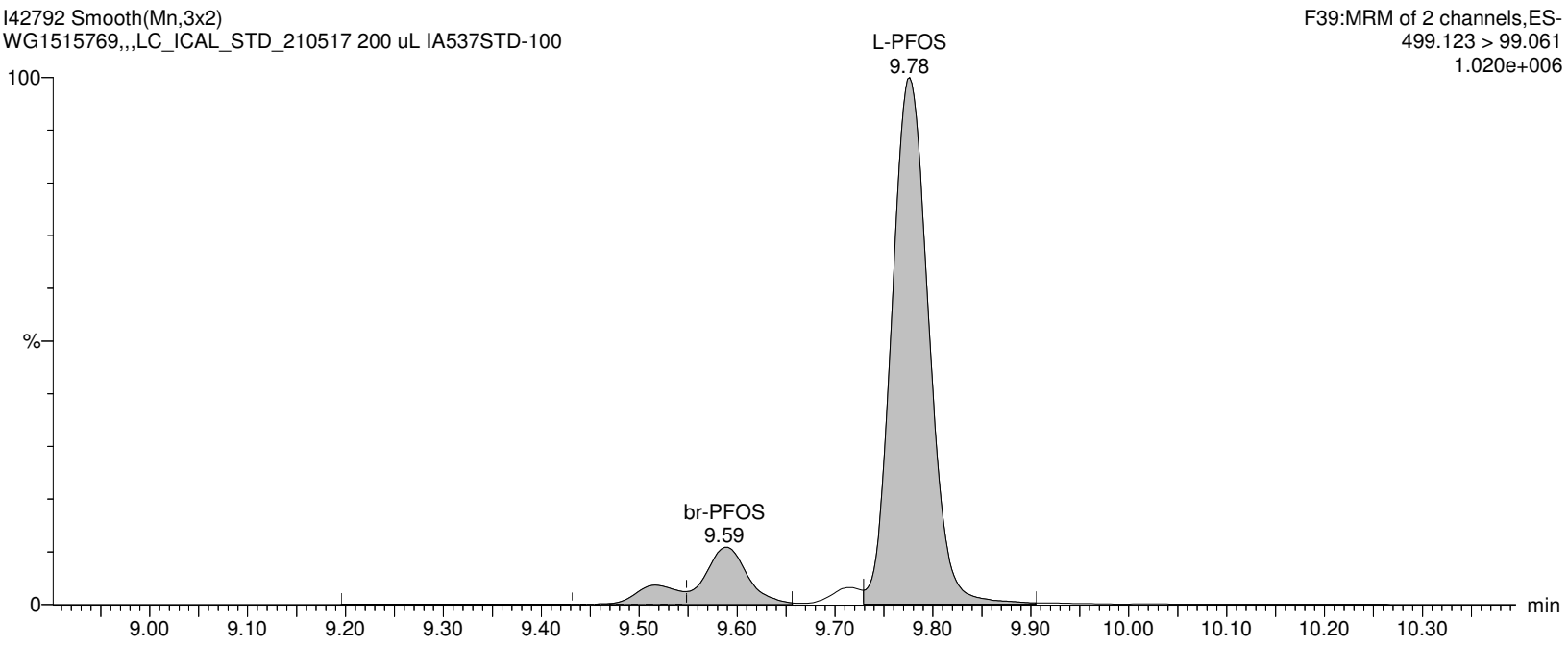
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOS



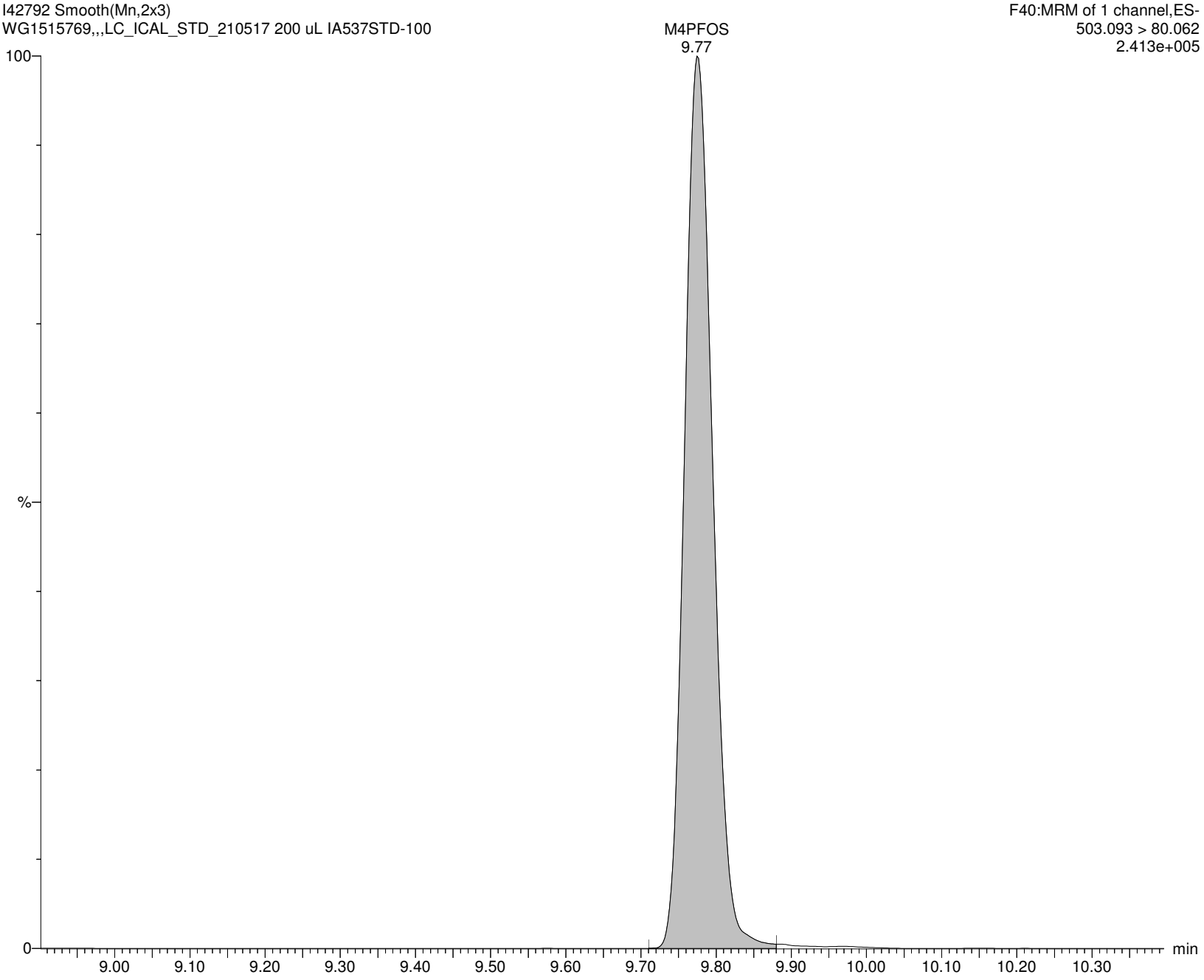


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOS

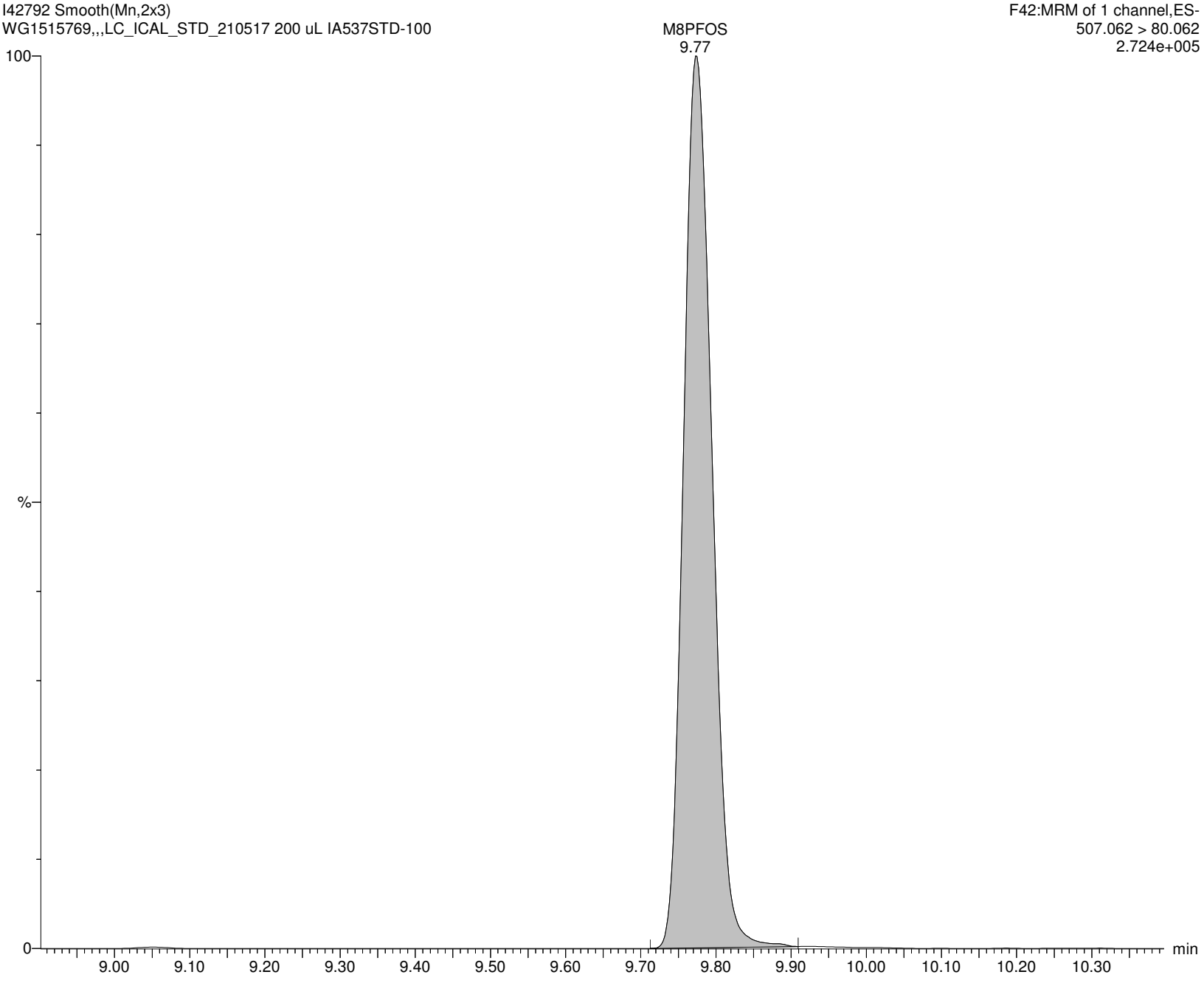


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOS

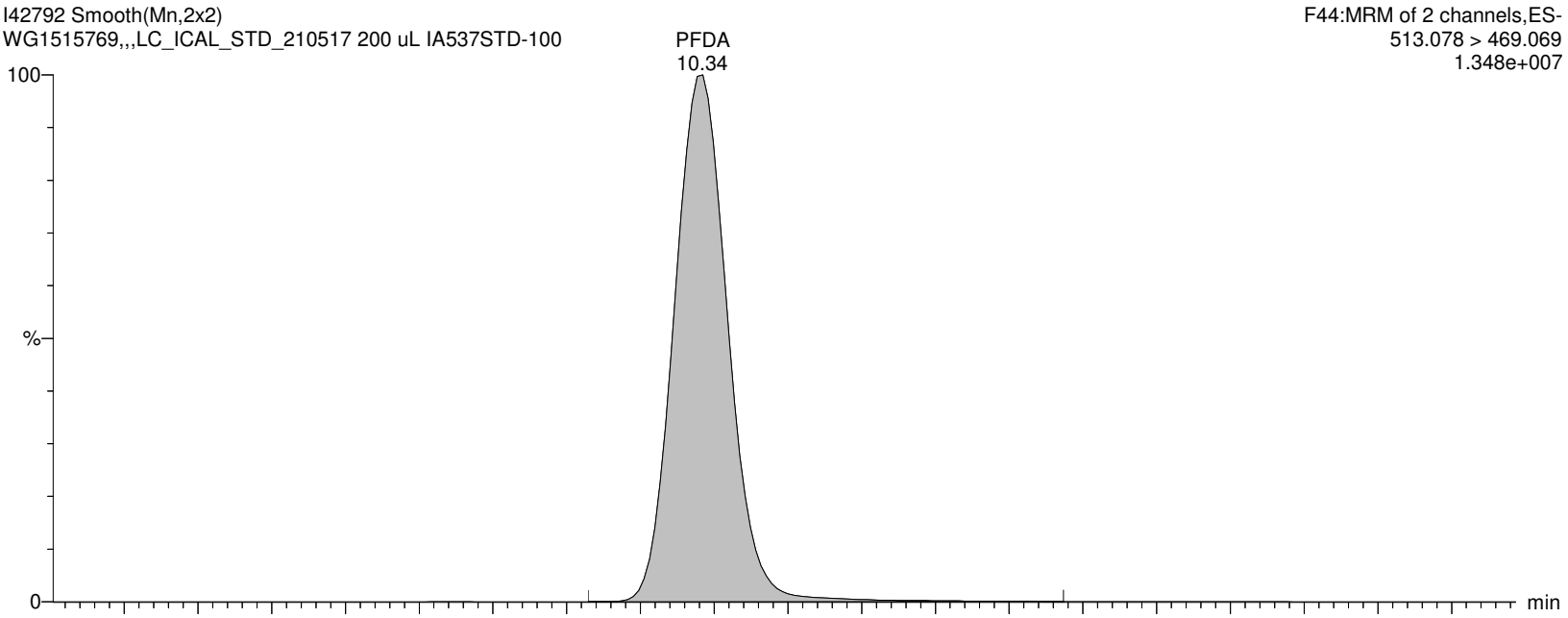


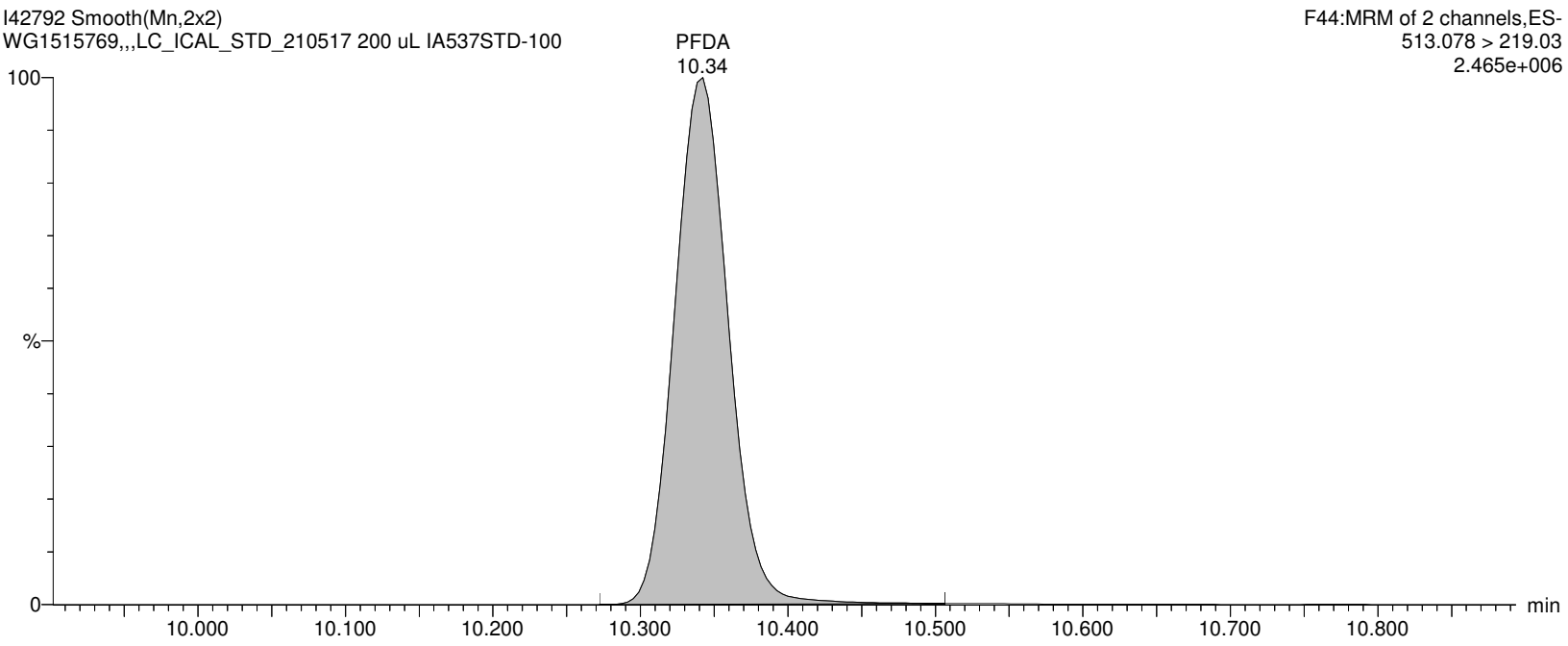
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDA



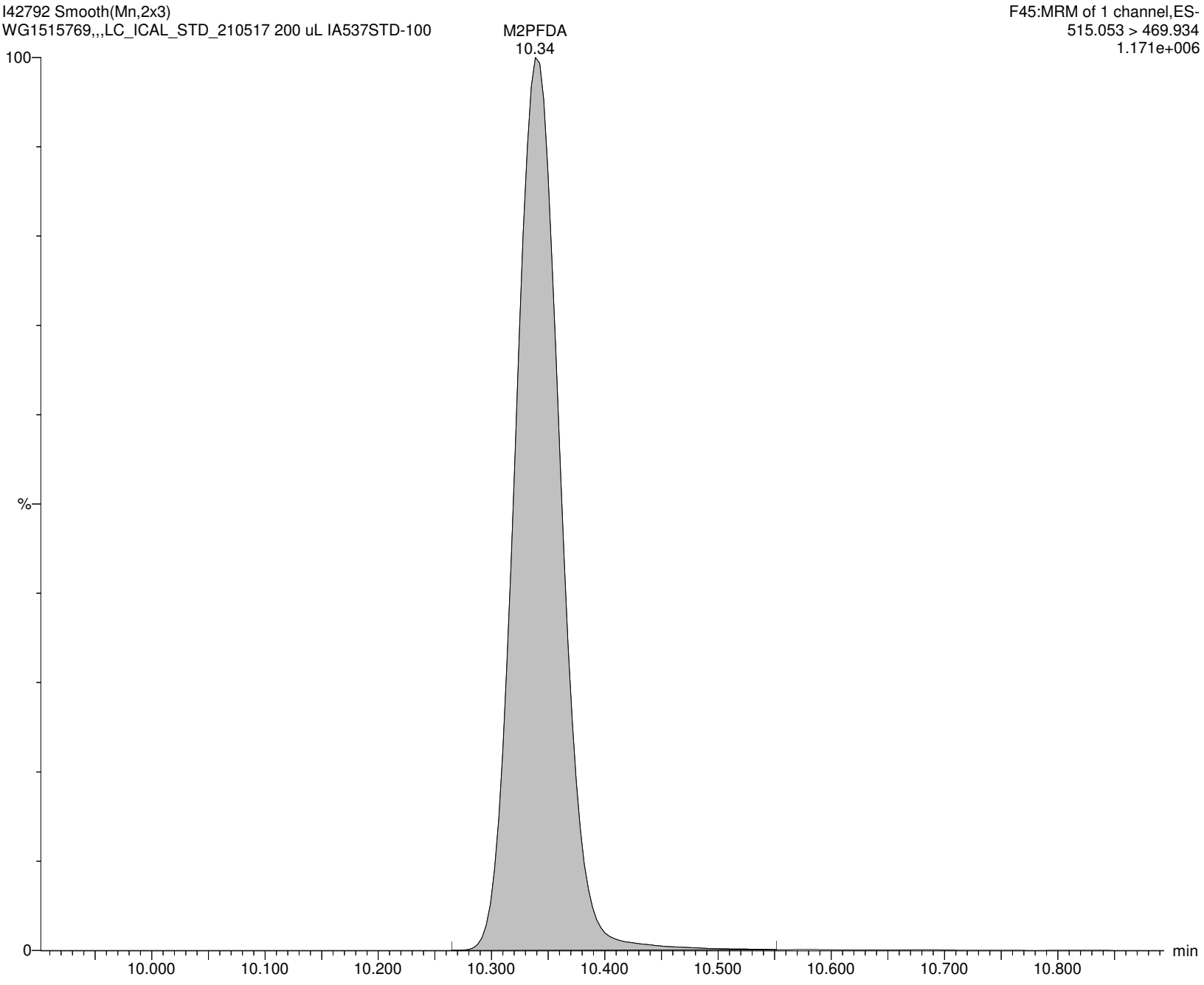


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFDA

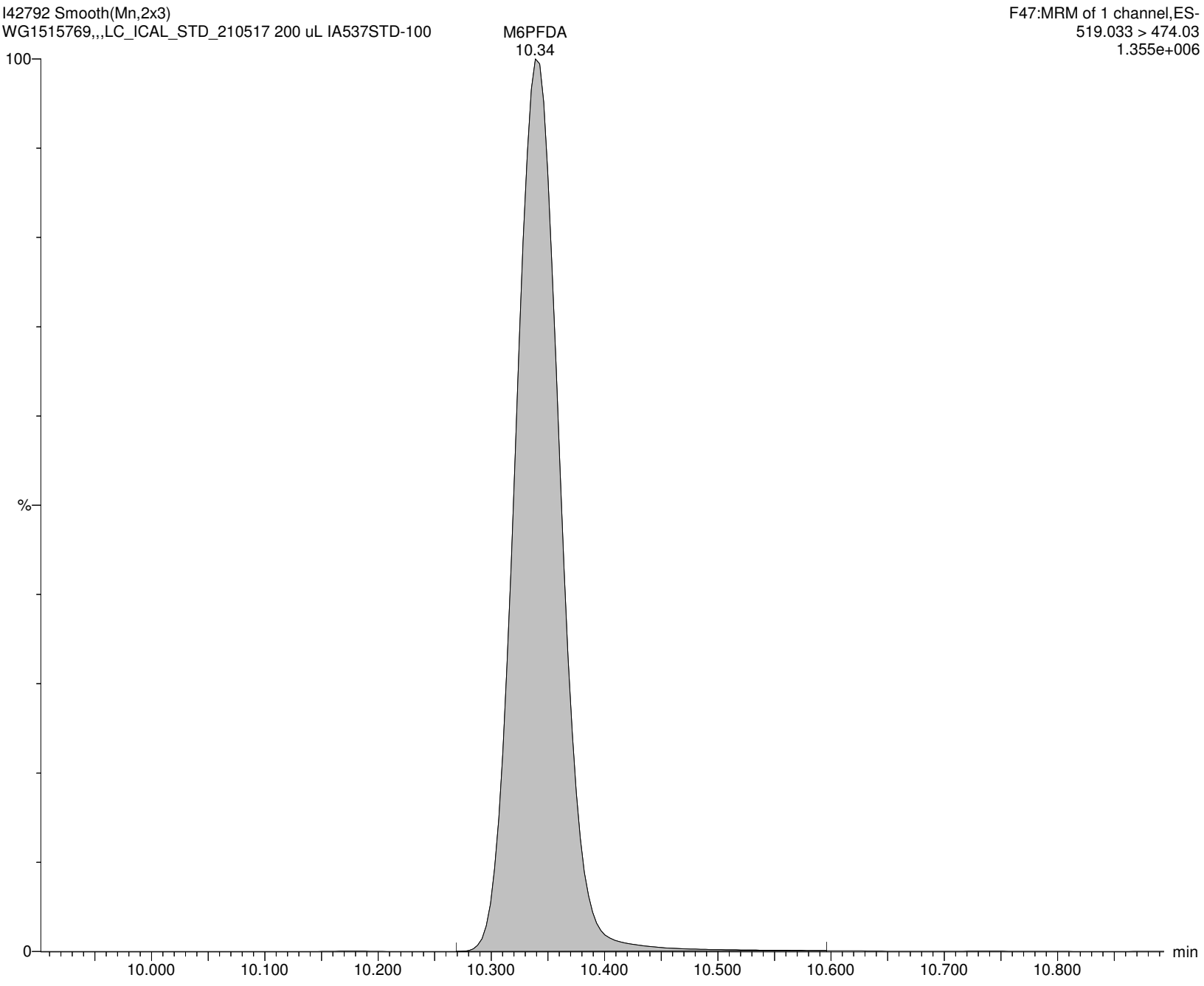


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M6PFDA

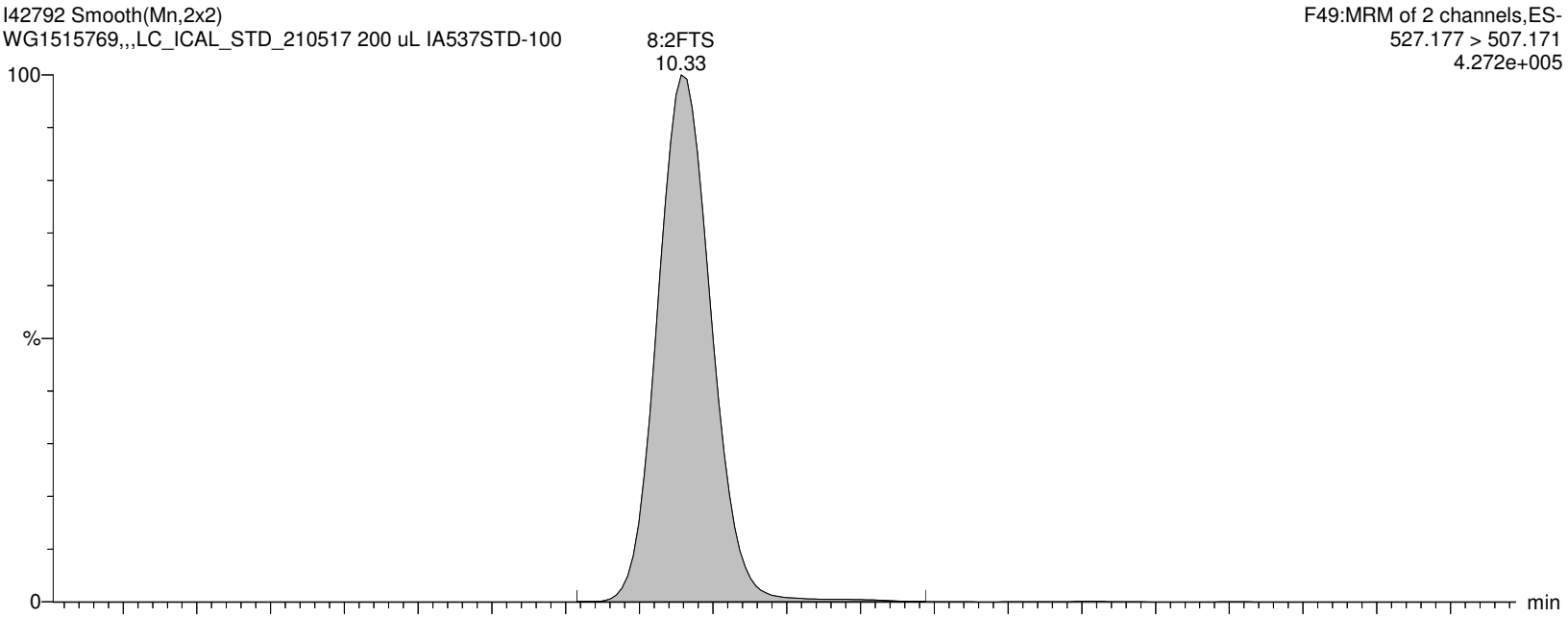


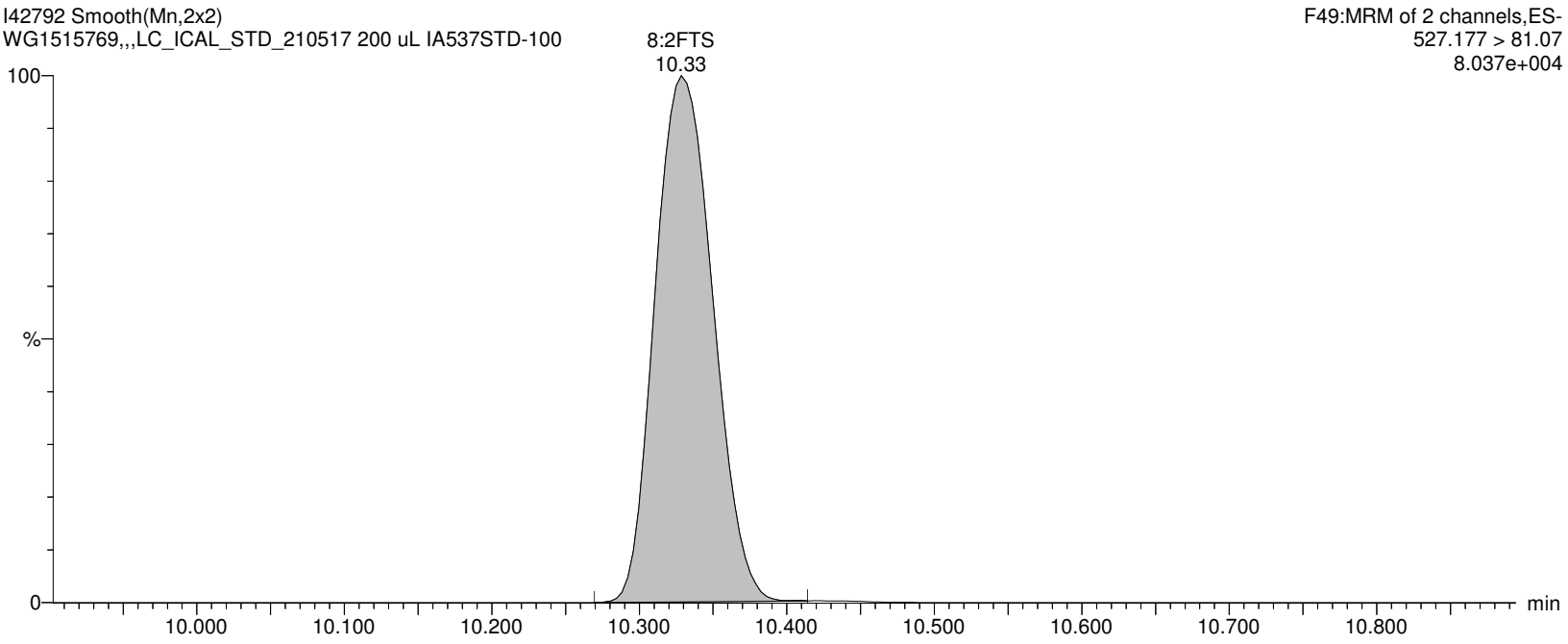
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

8:2FTS



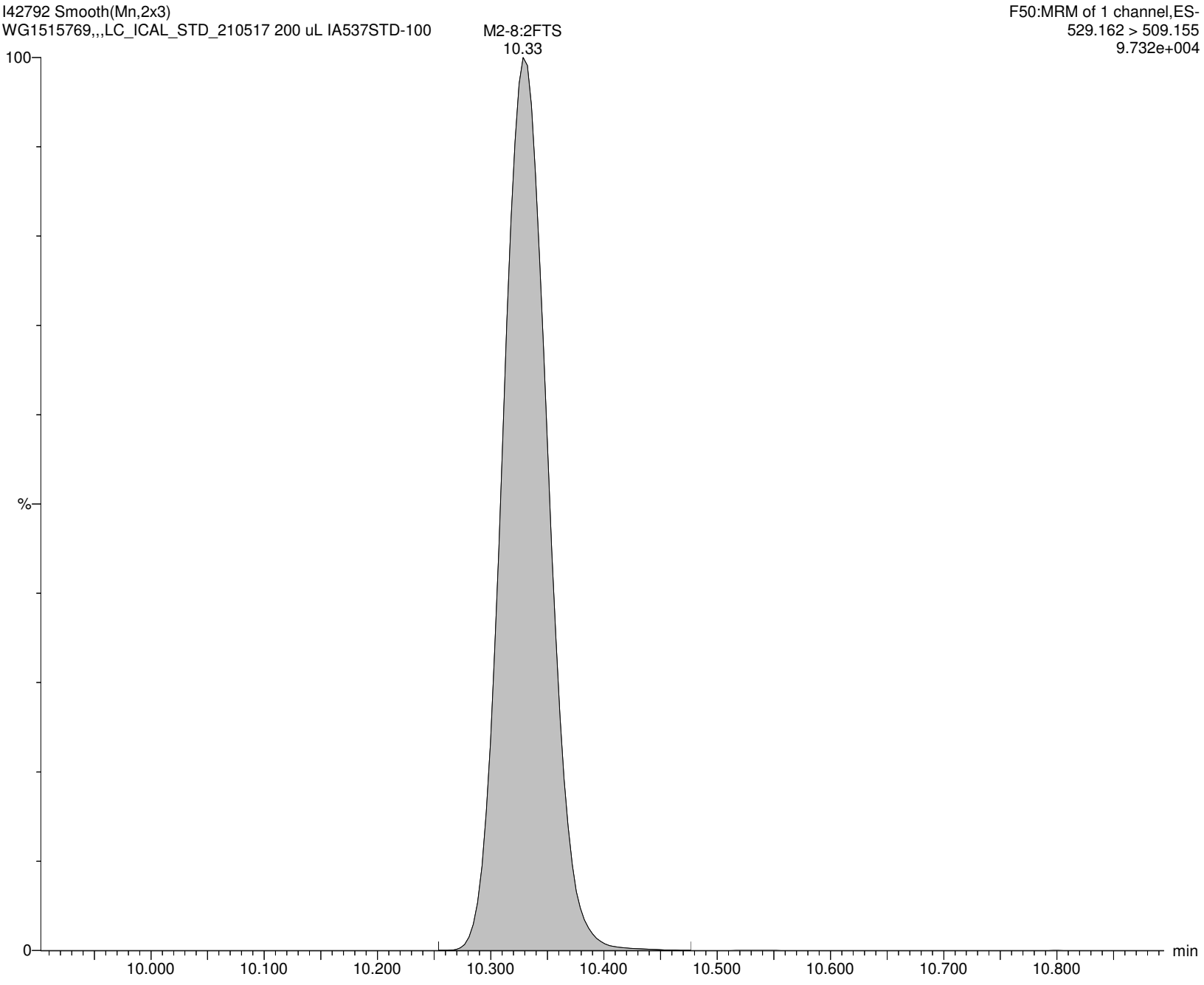


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-8:2FTS

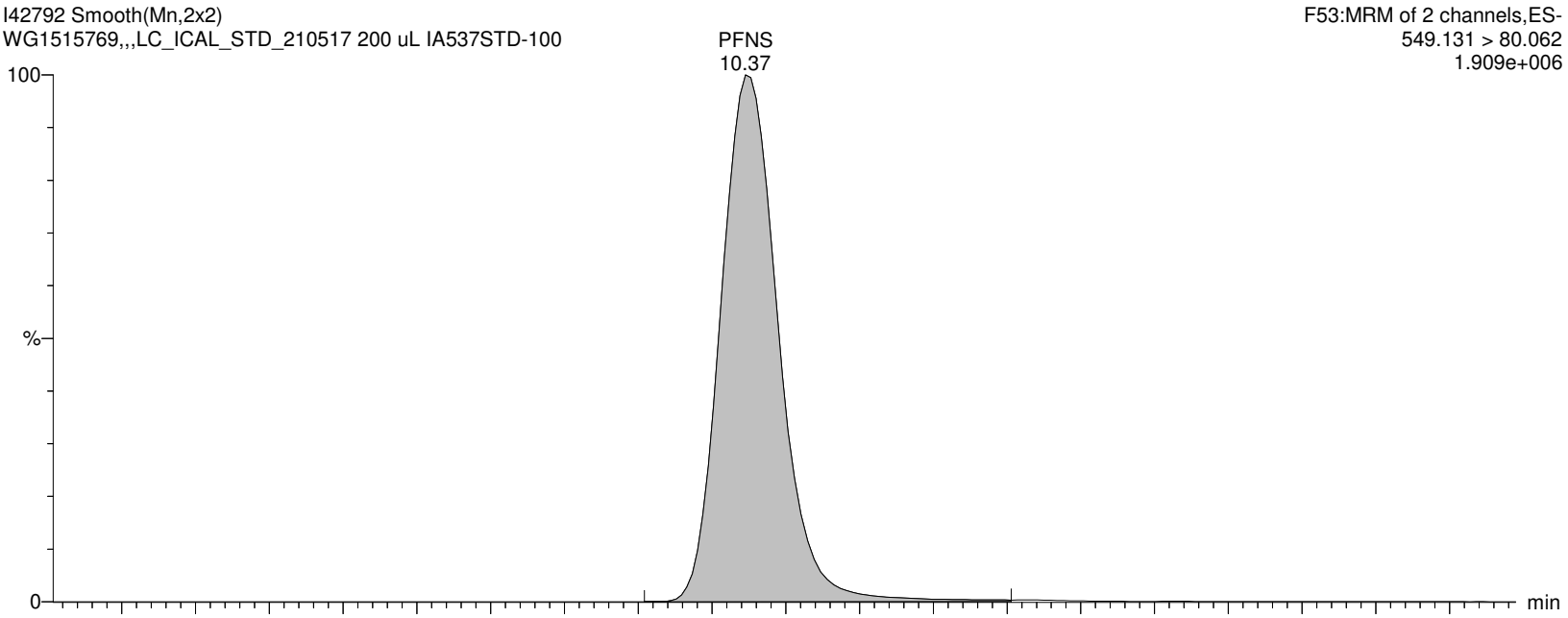


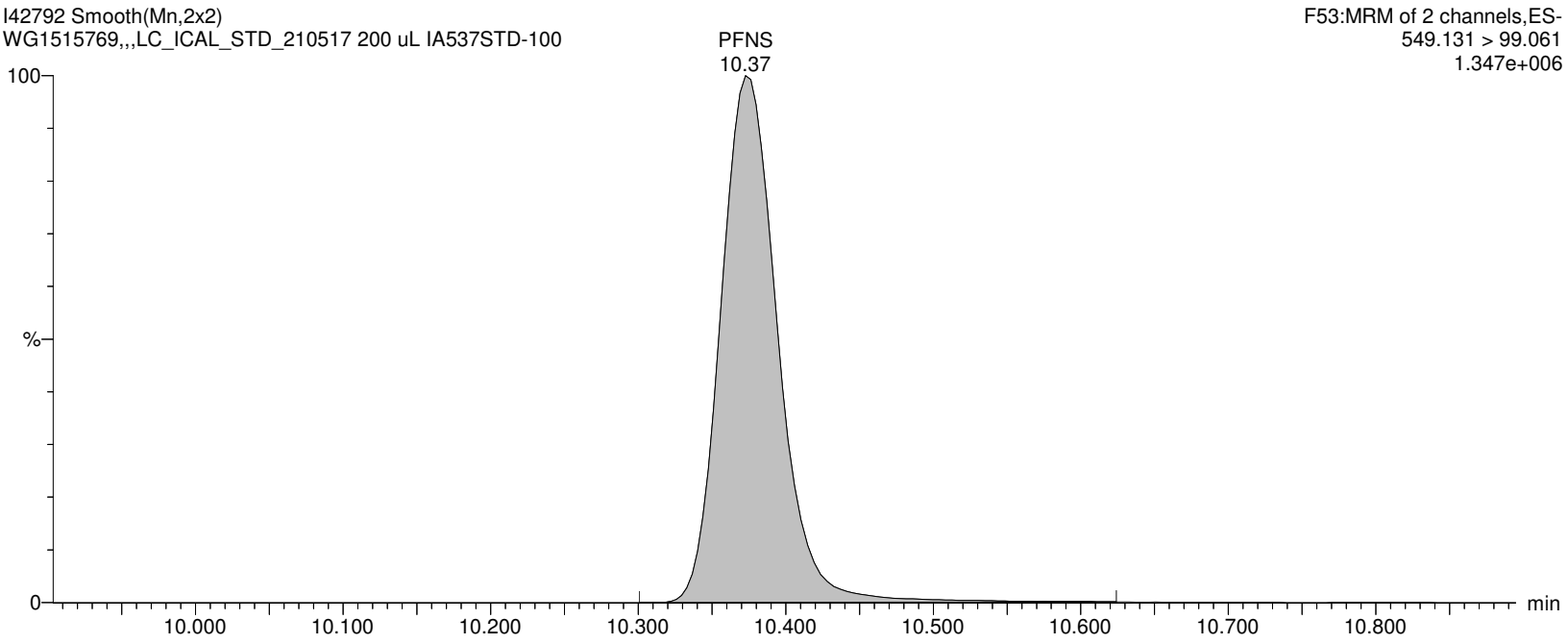
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNS



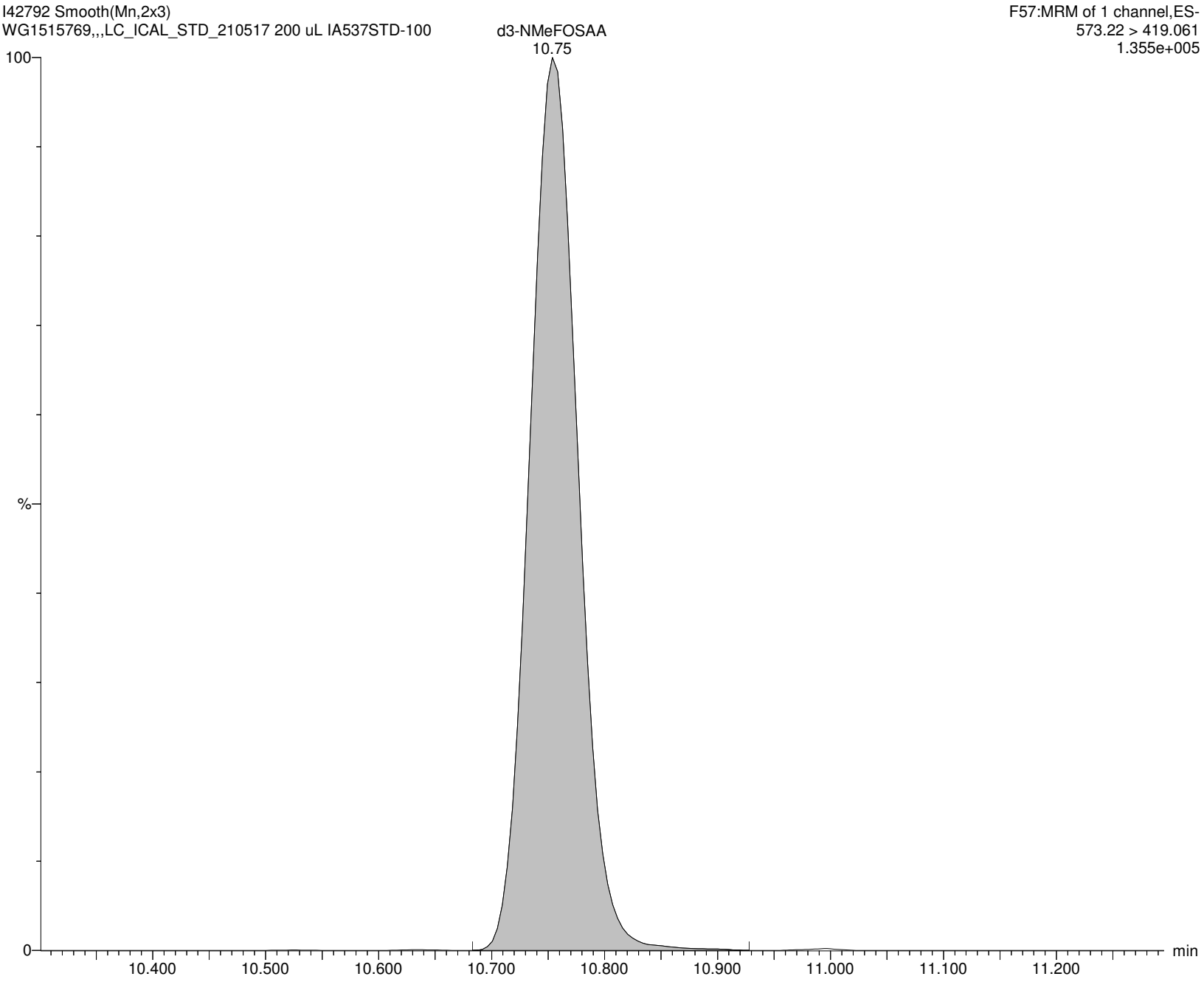


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSAA

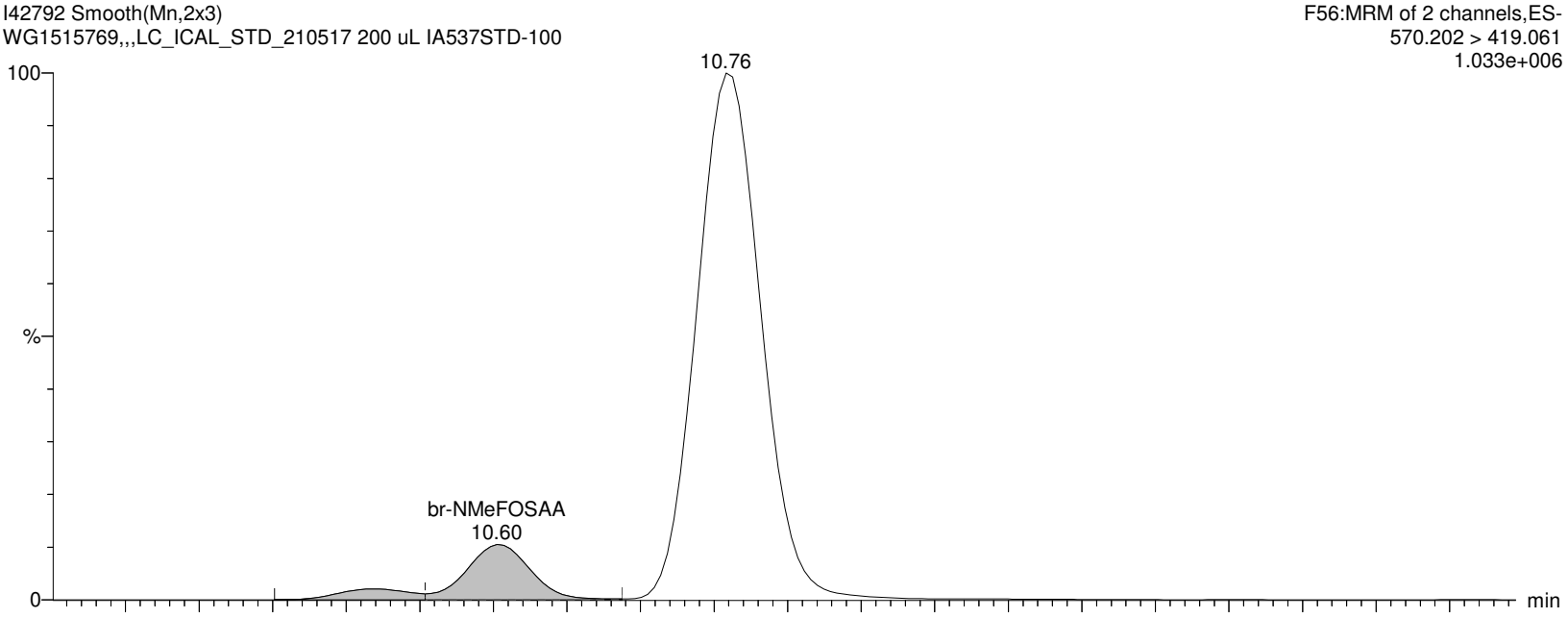


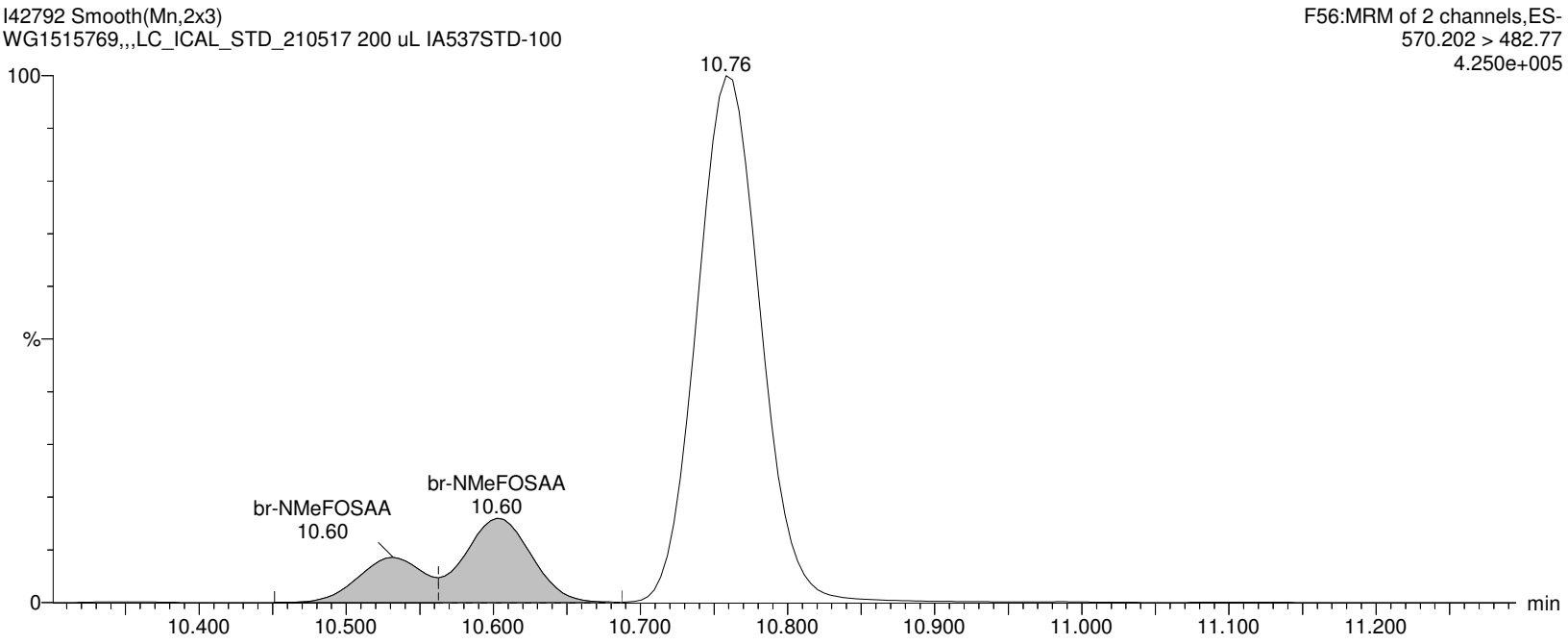
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NMeFOSAA



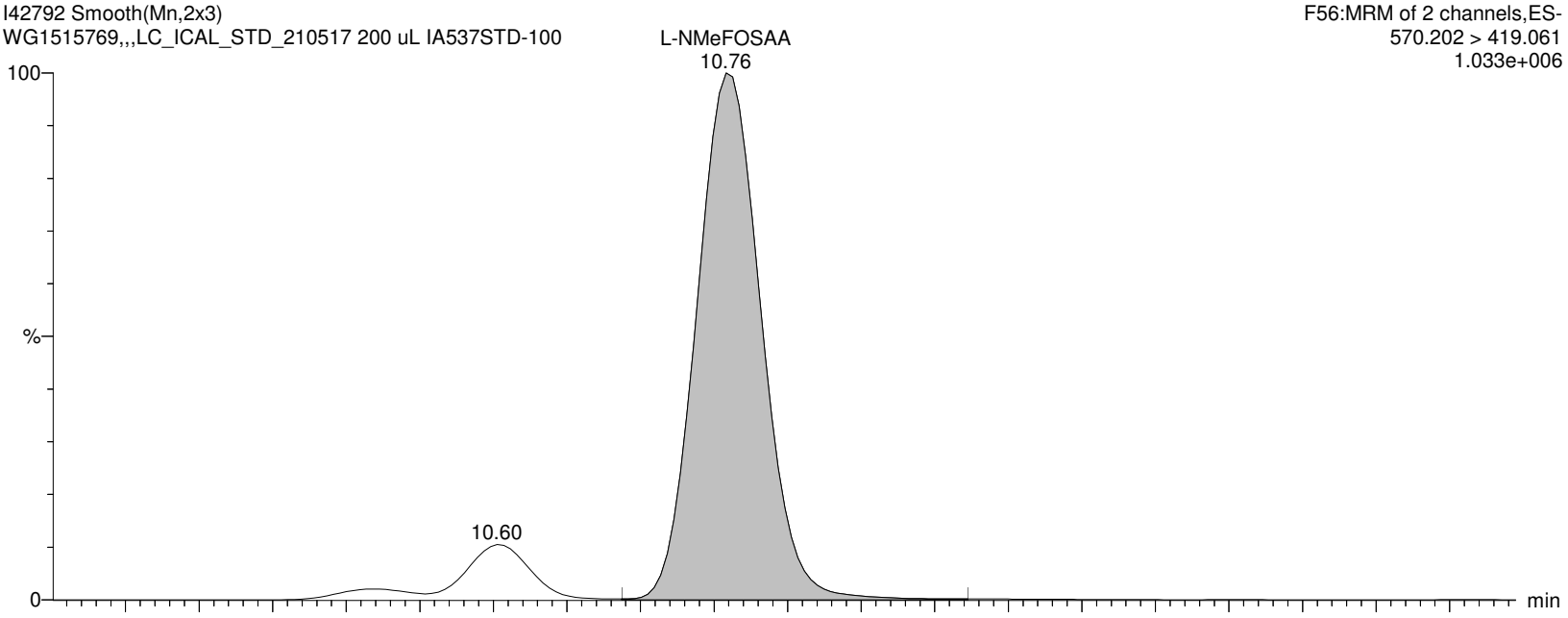


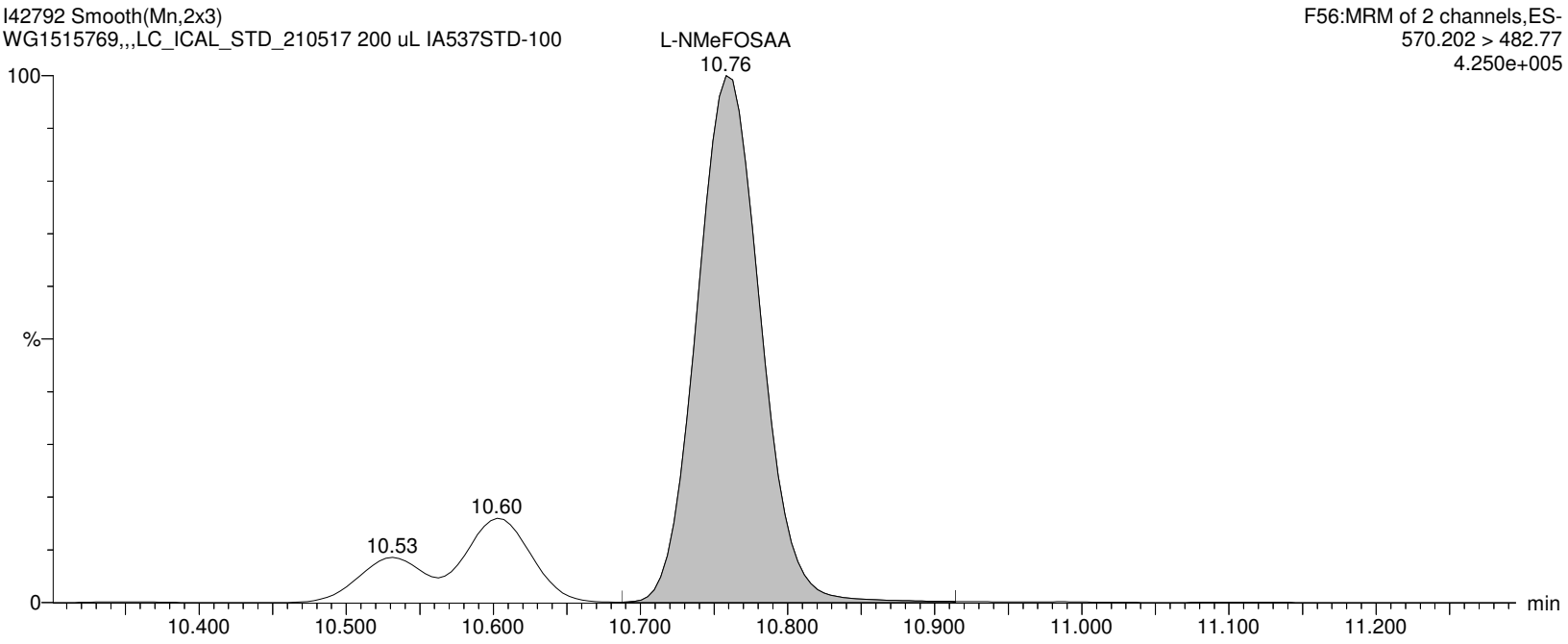
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NMeFOSAA



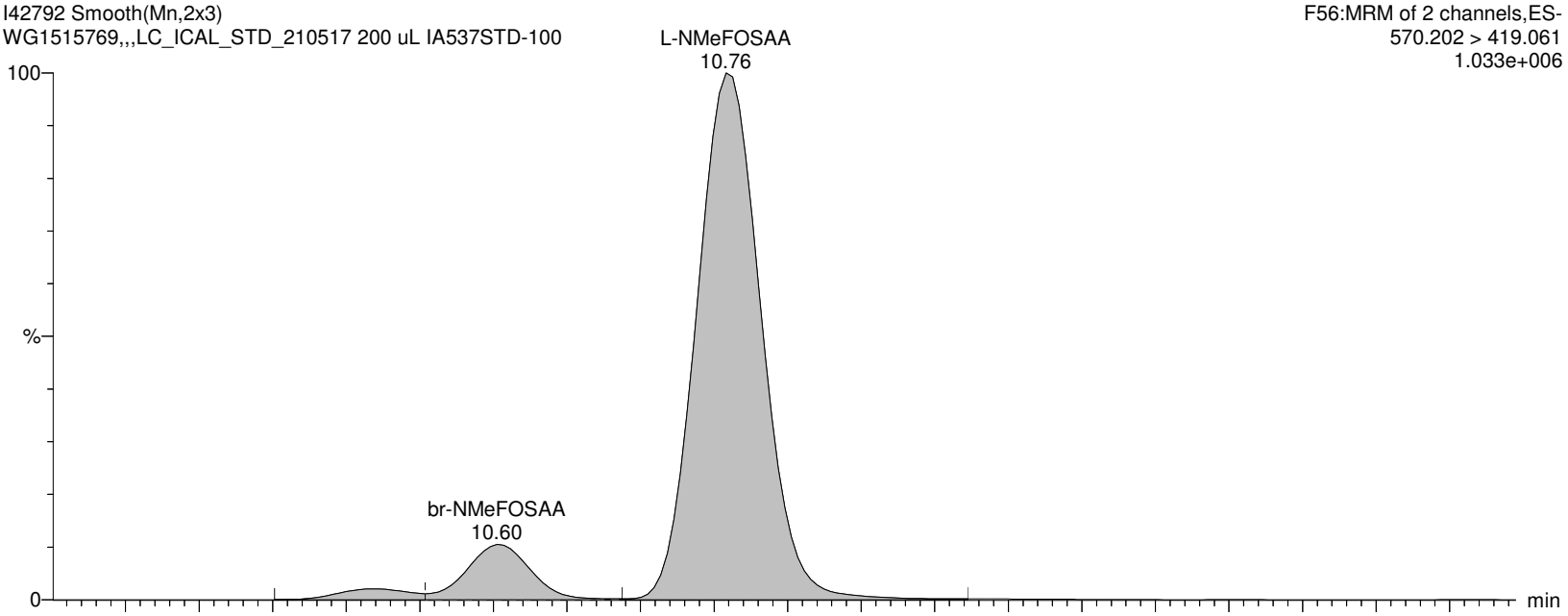


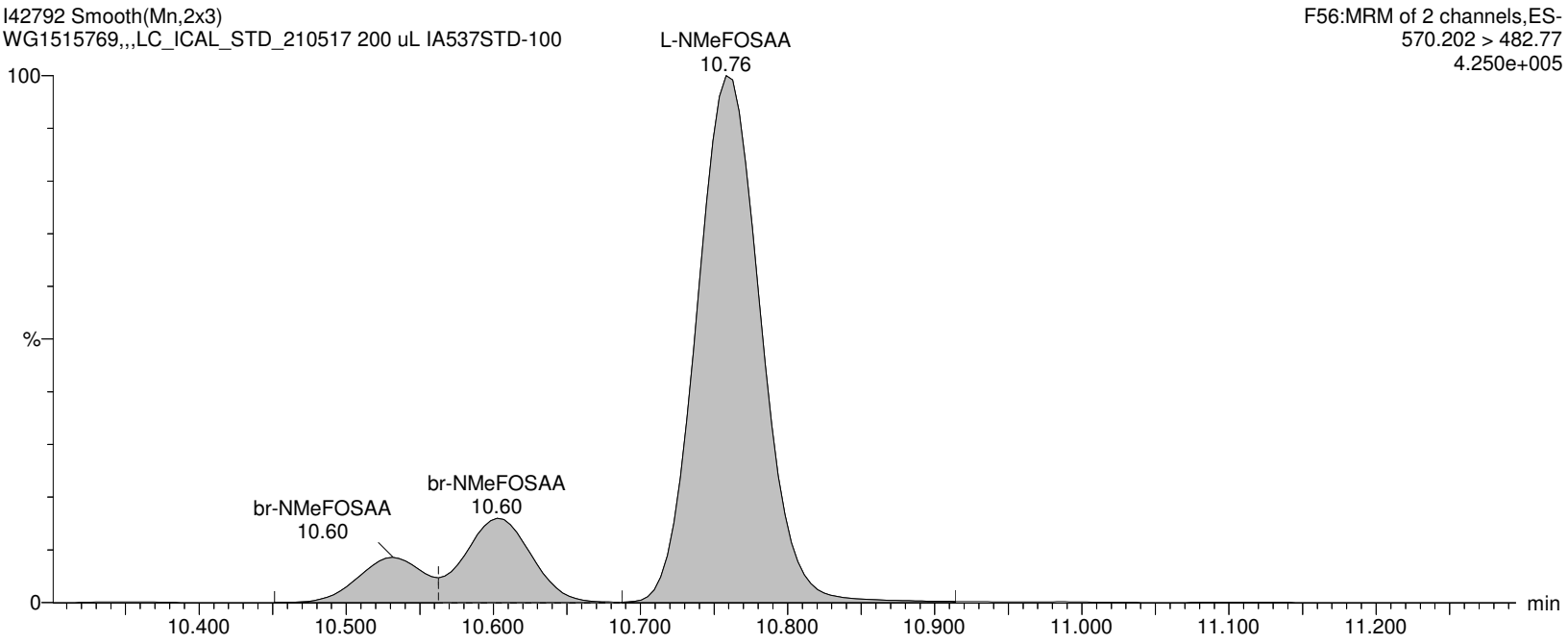
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSAA



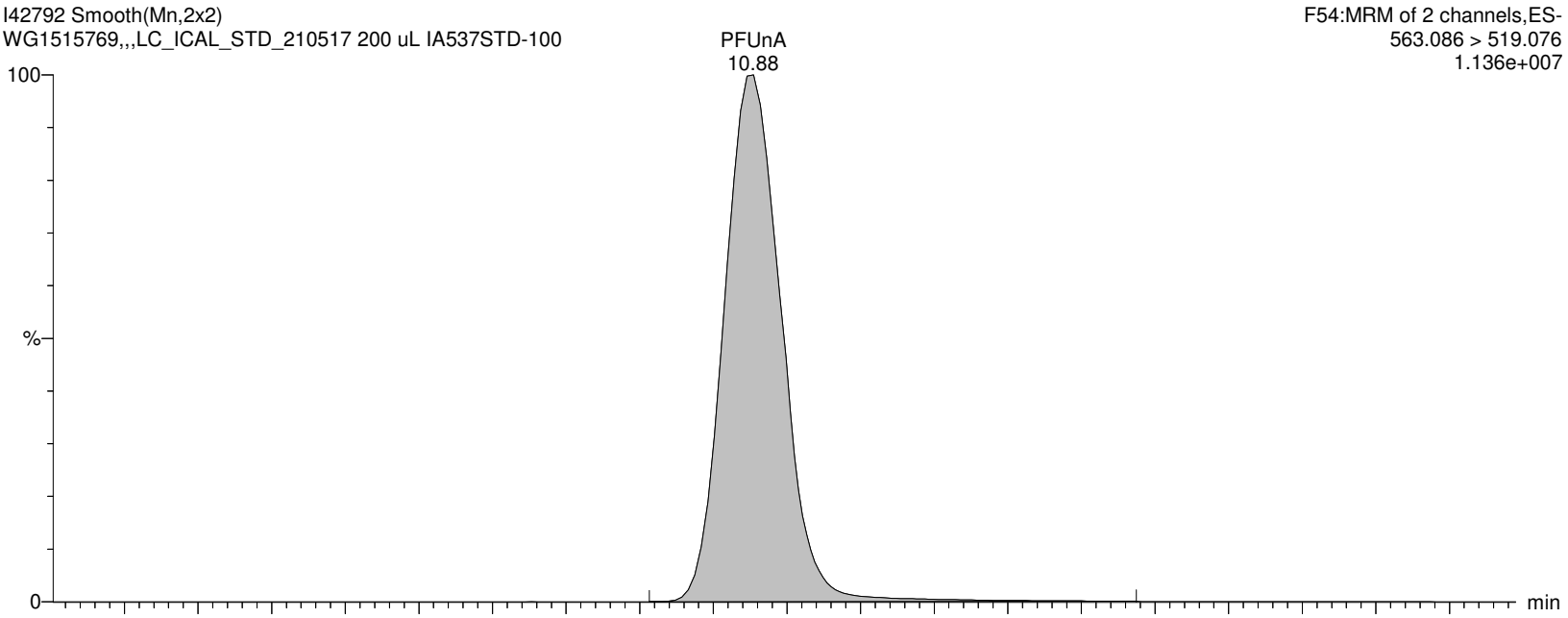


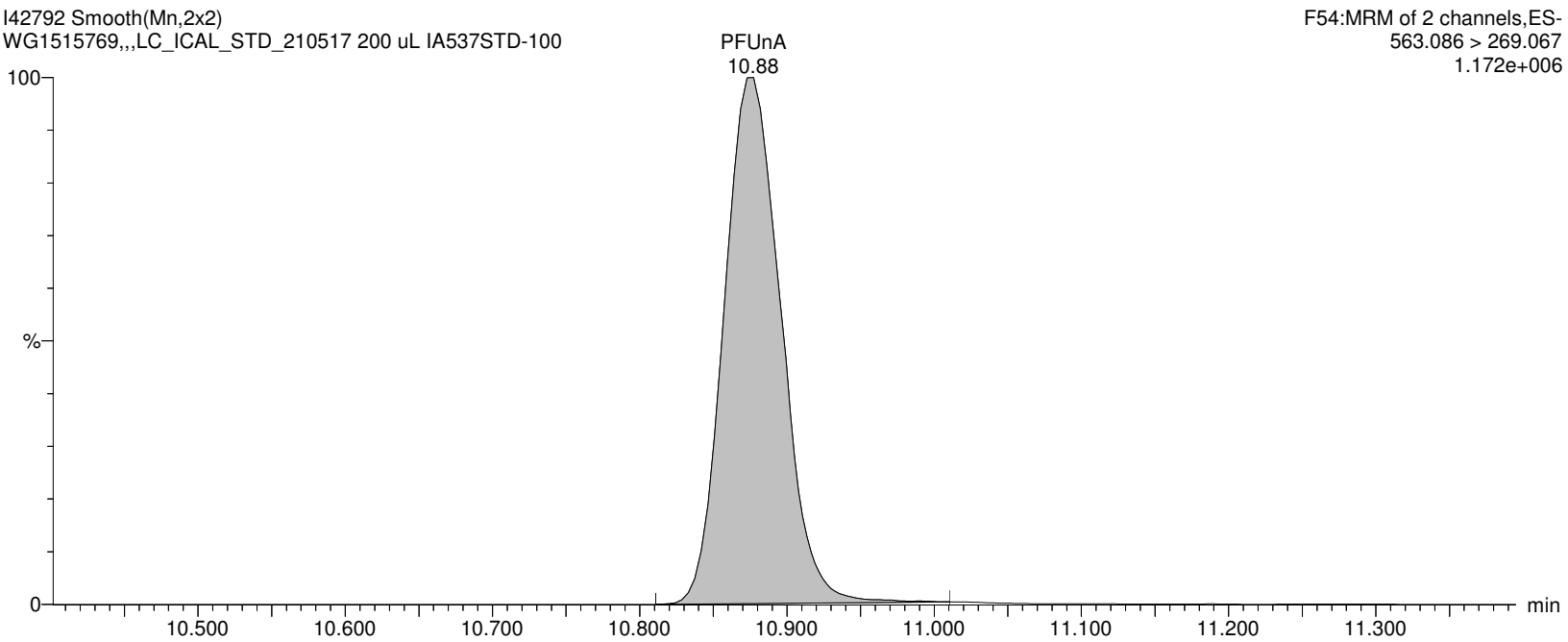
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFUnA



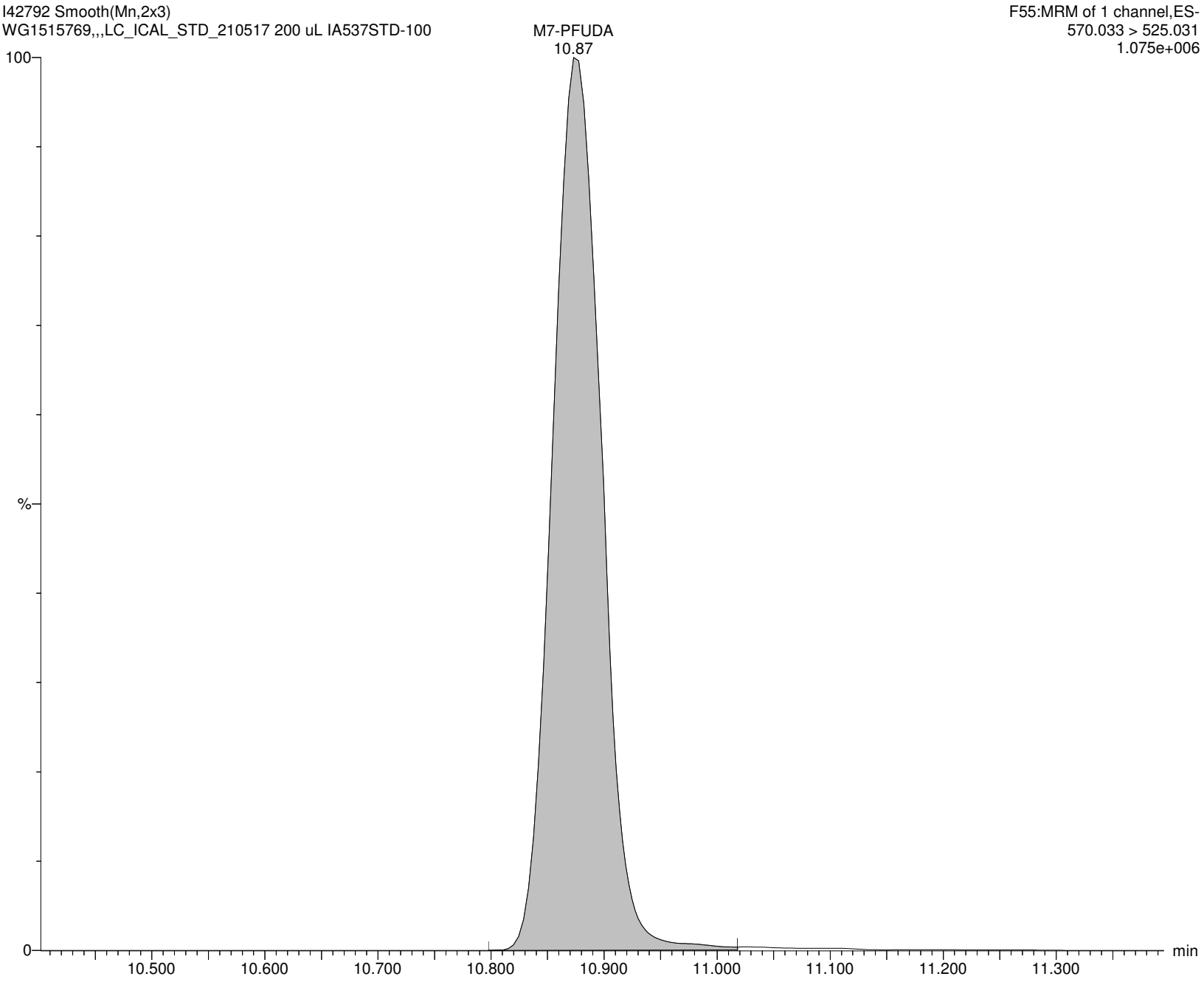


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M7-PFUDA

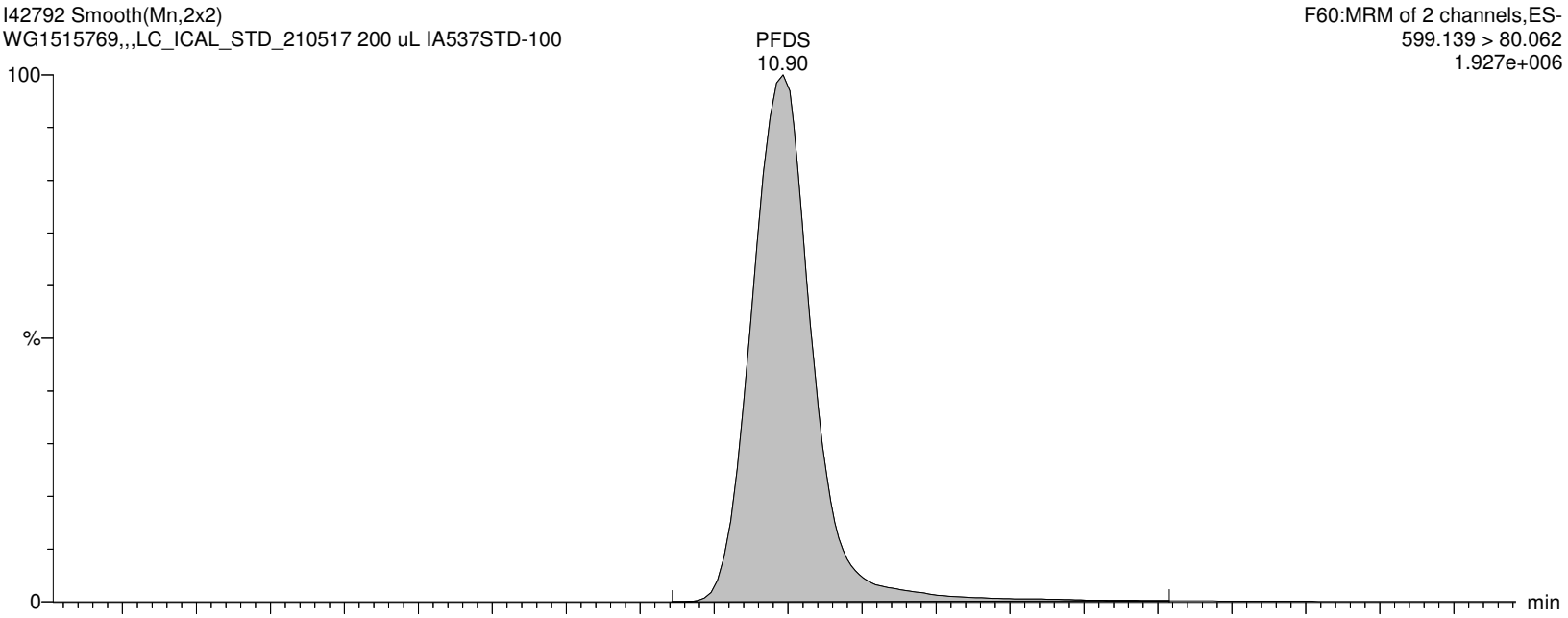


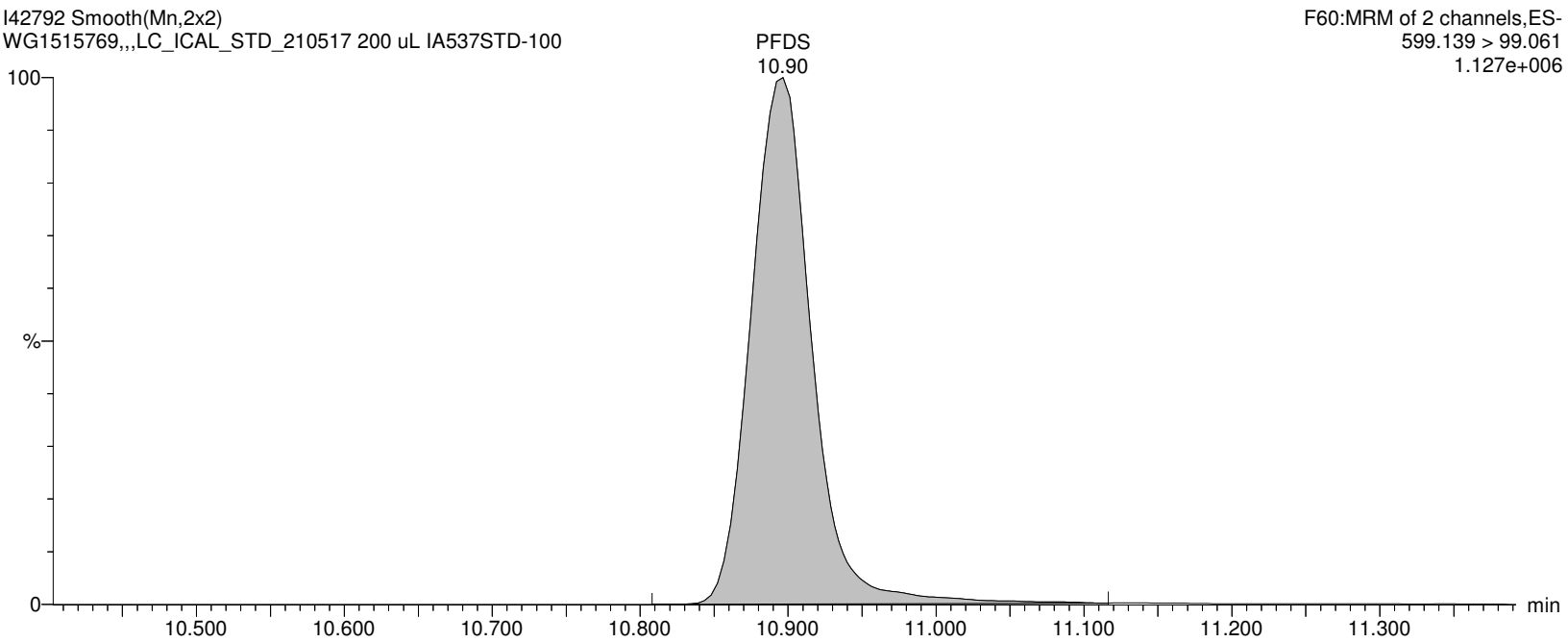
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDS



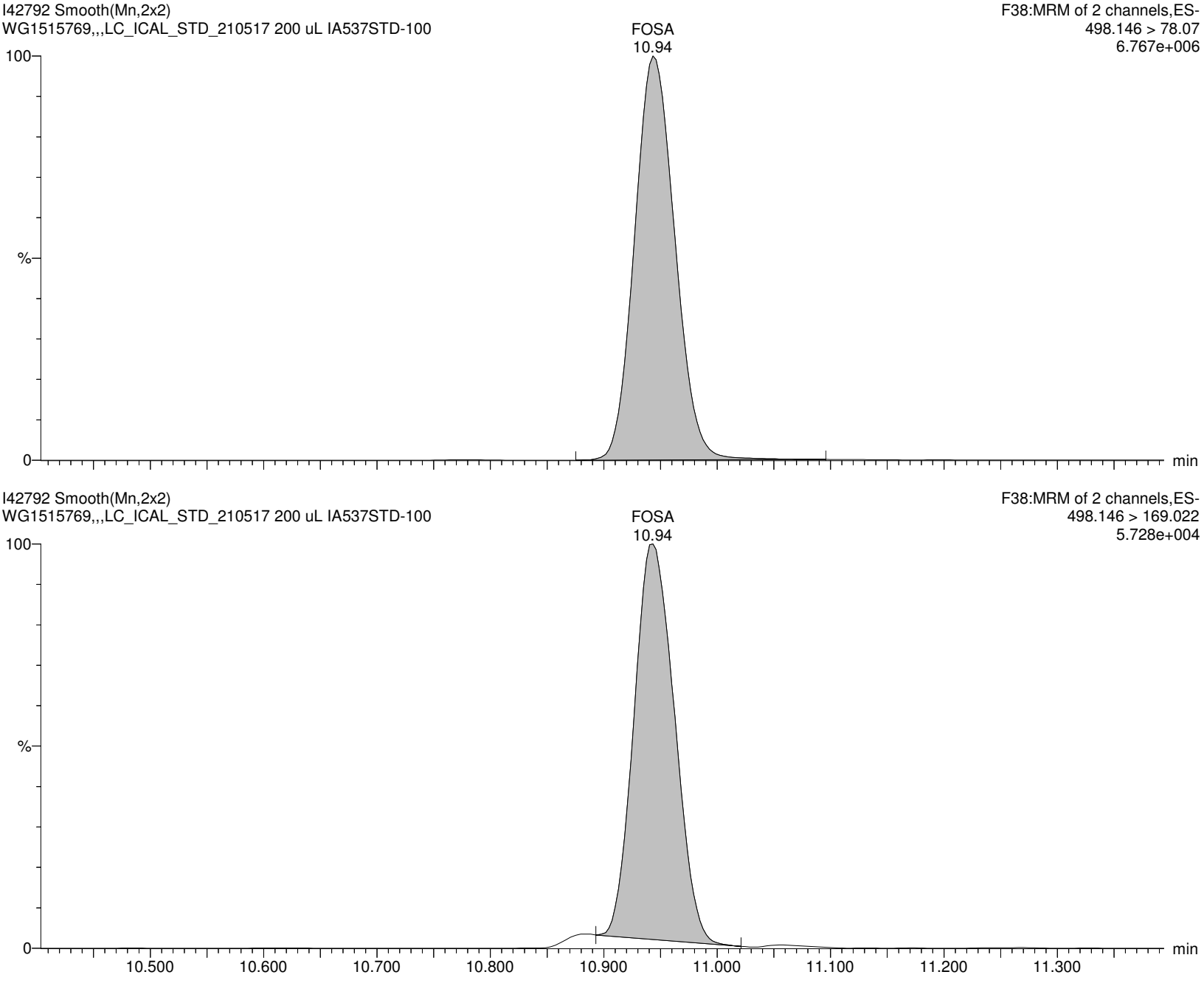


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

FOSA

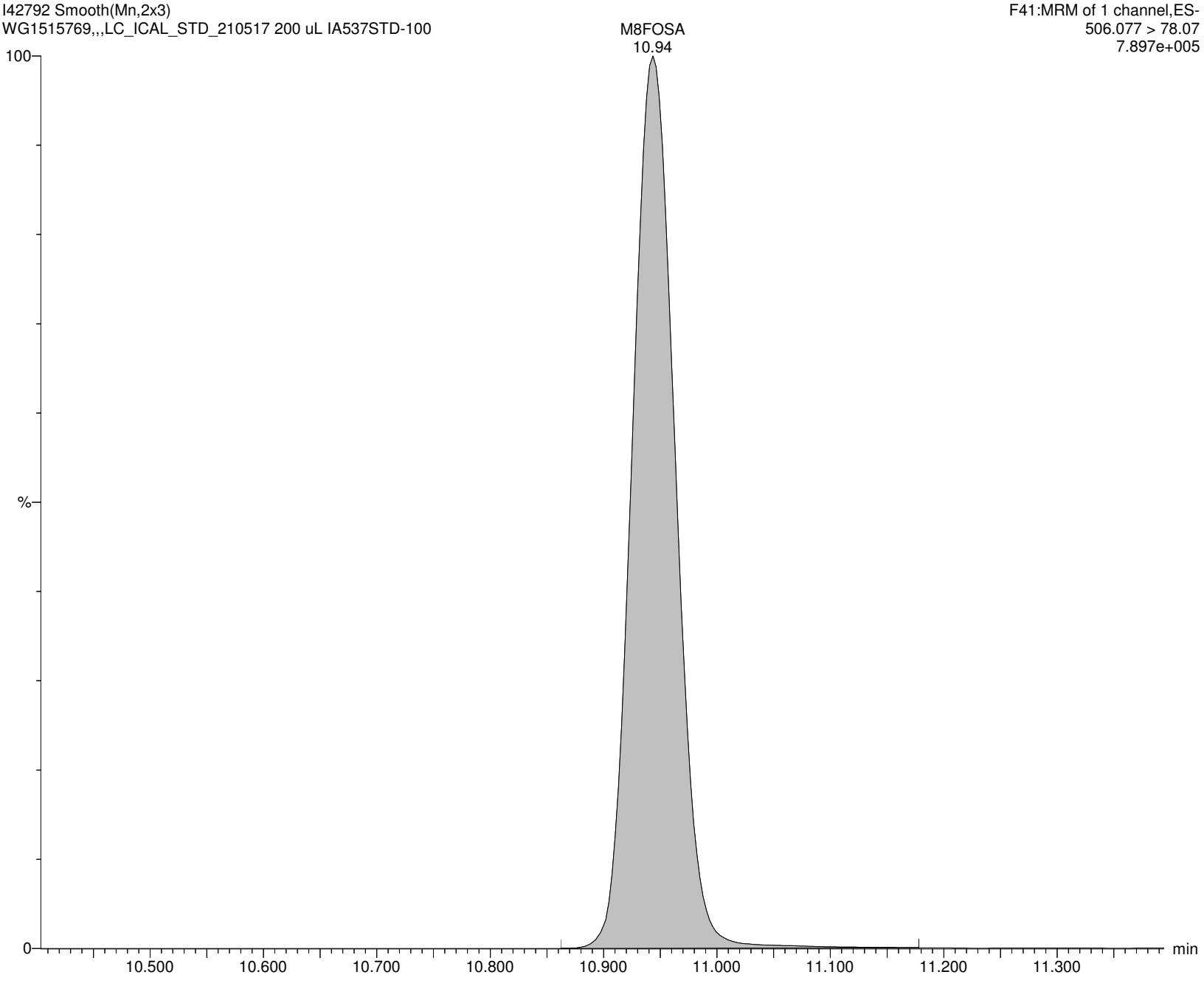


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8FOSA

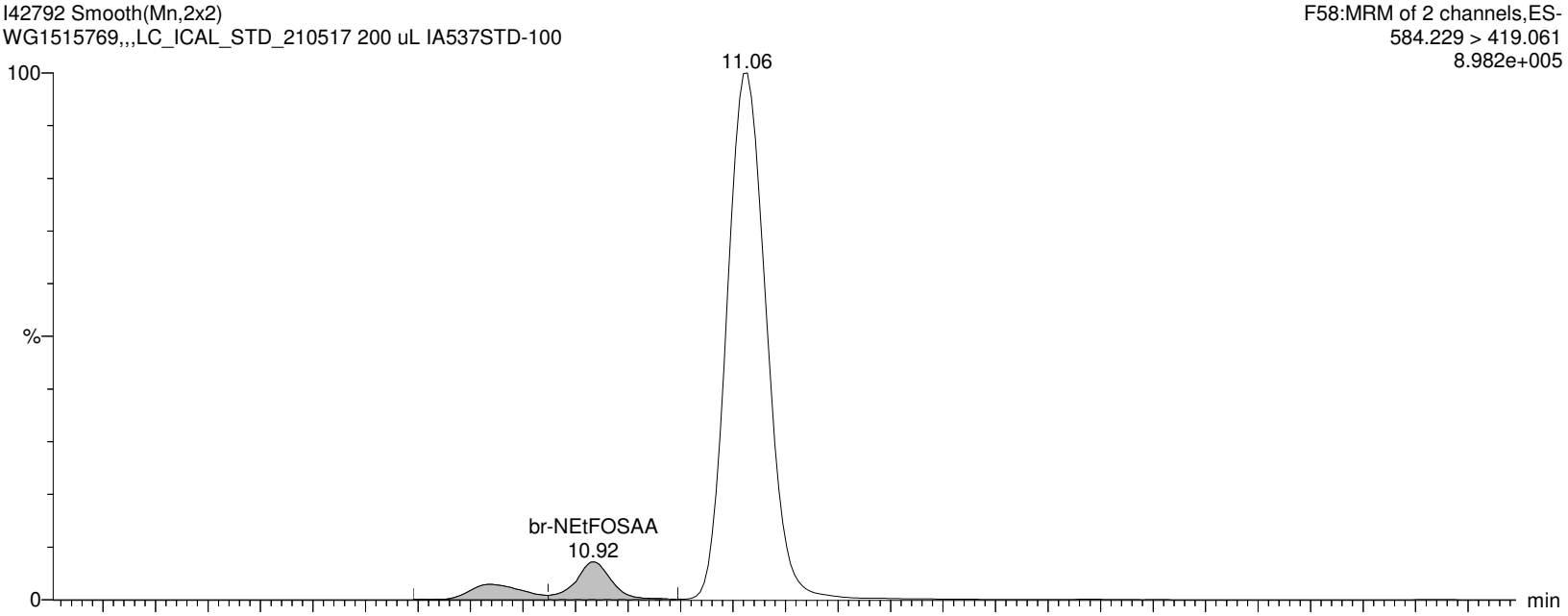


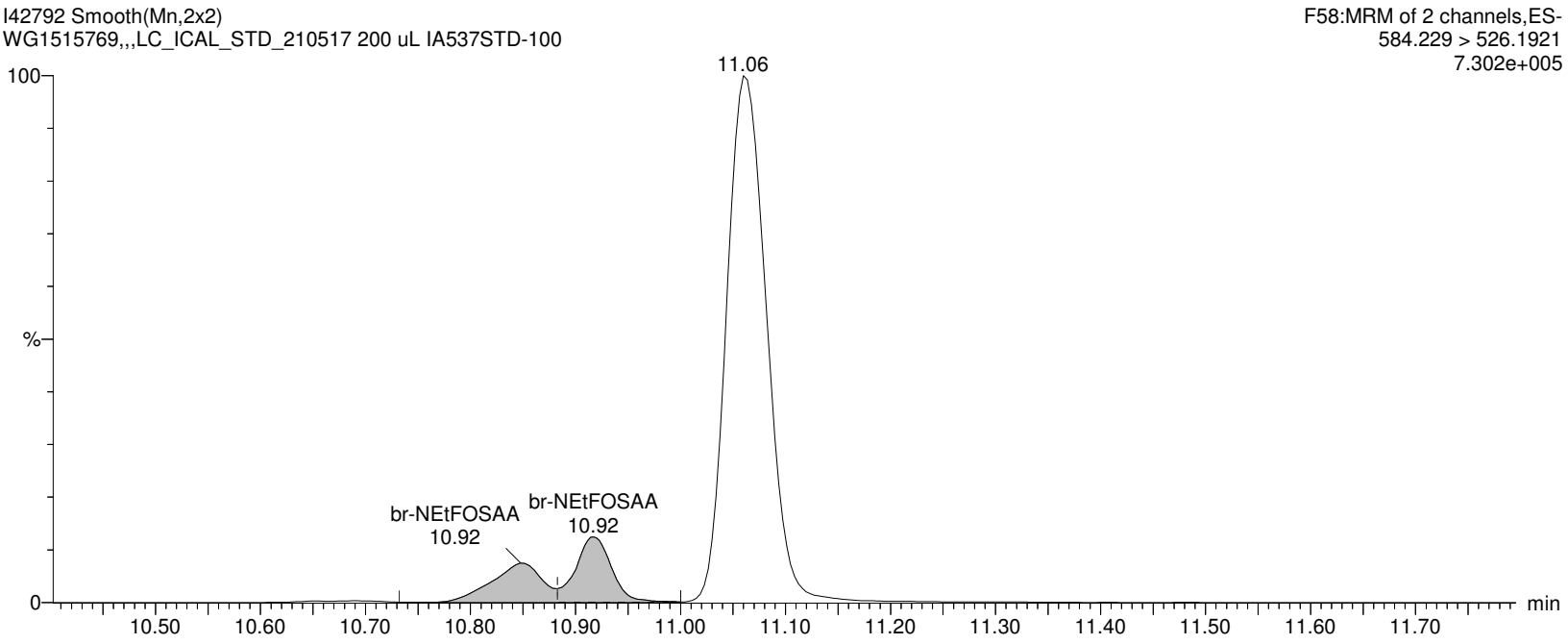
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NEtFOSAA



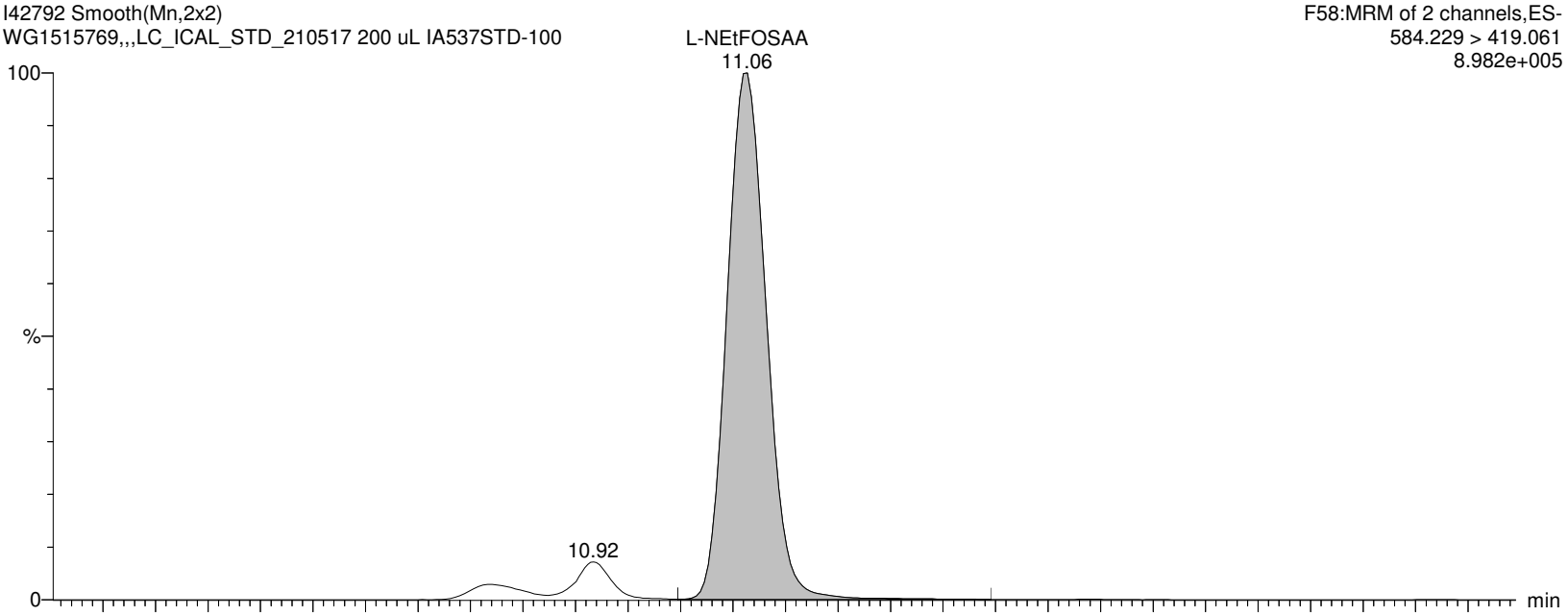


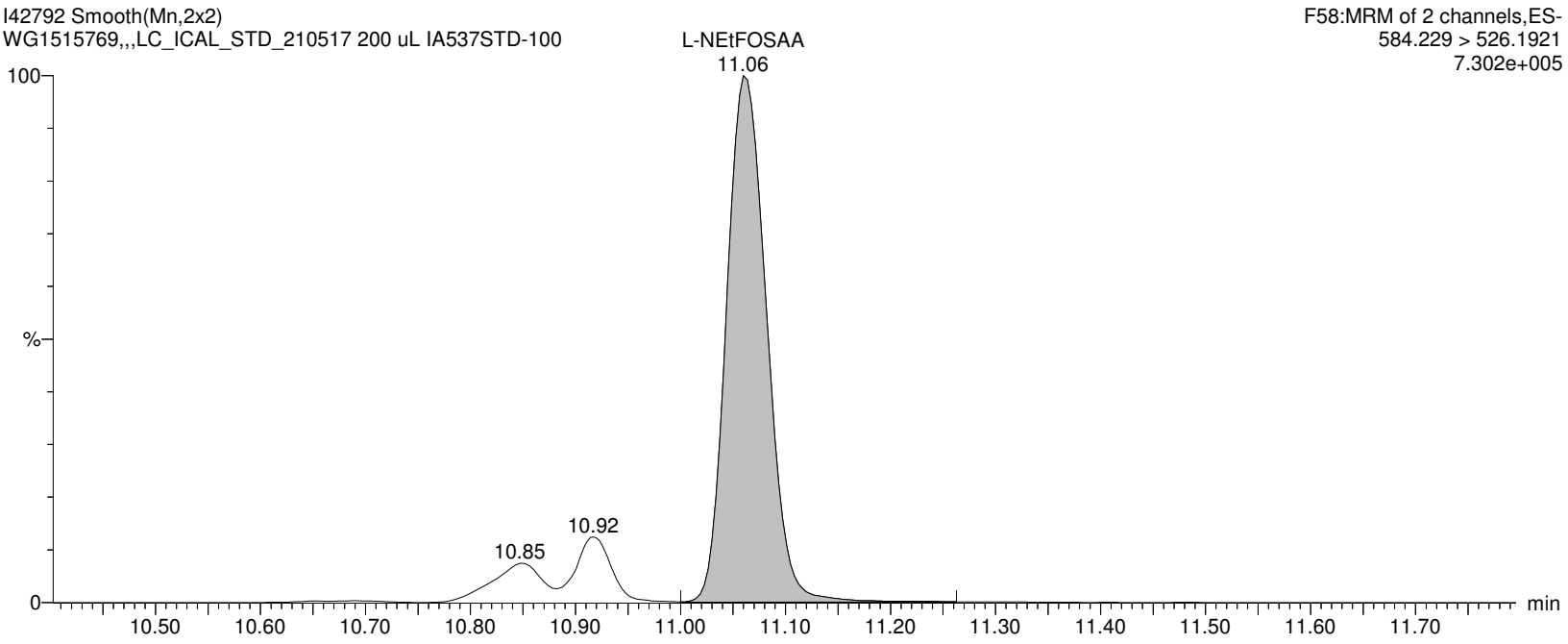
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NEtFOSAA



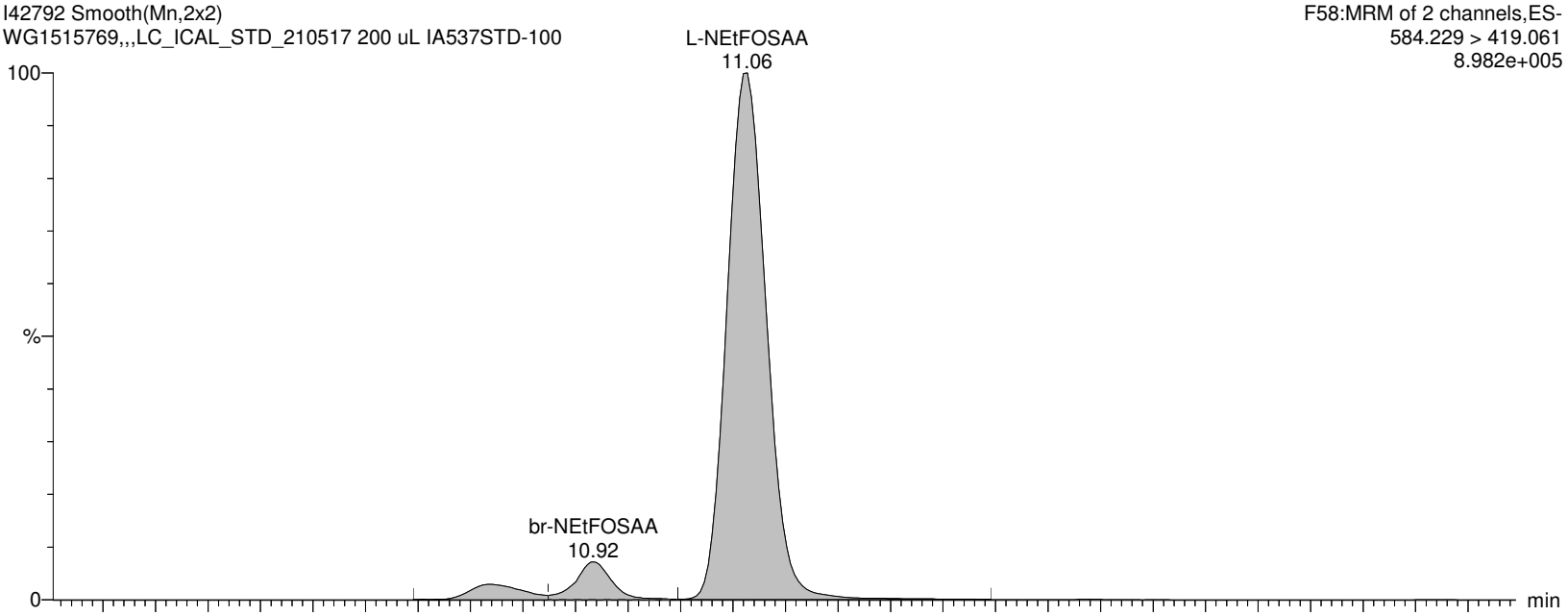


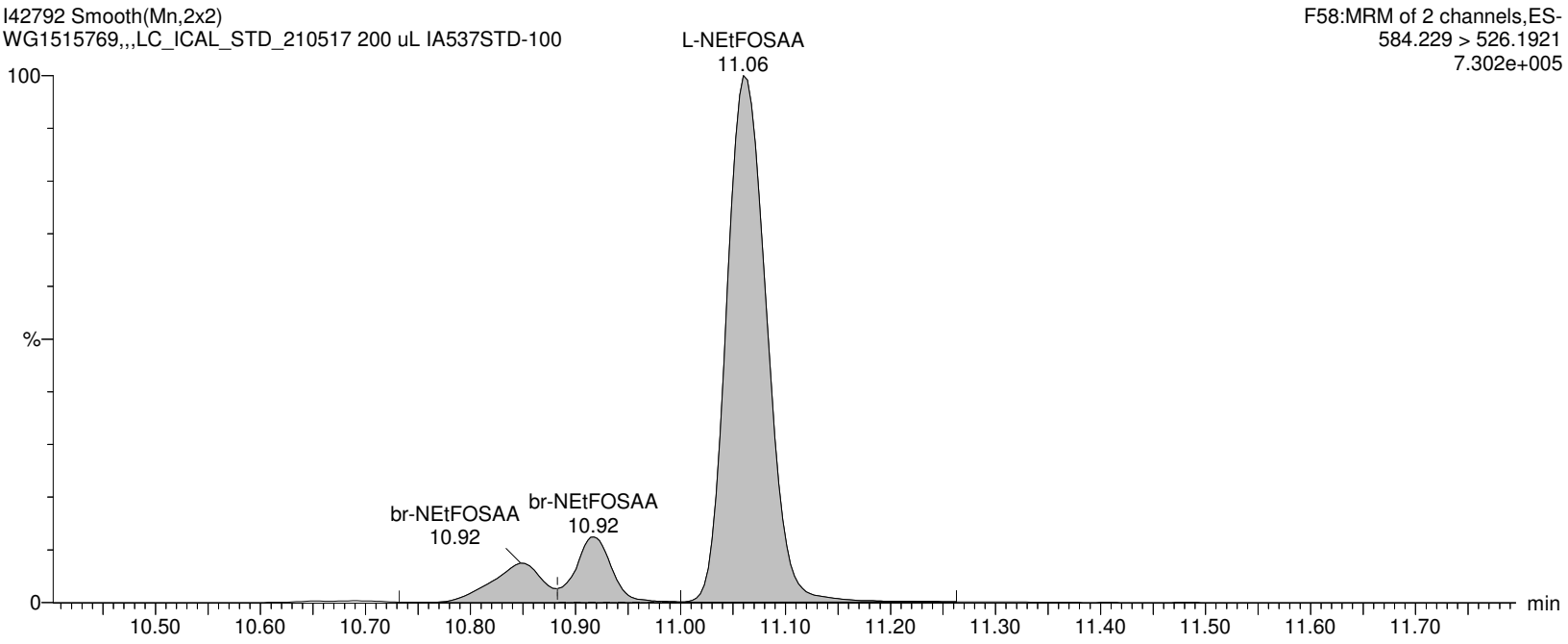
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSAA



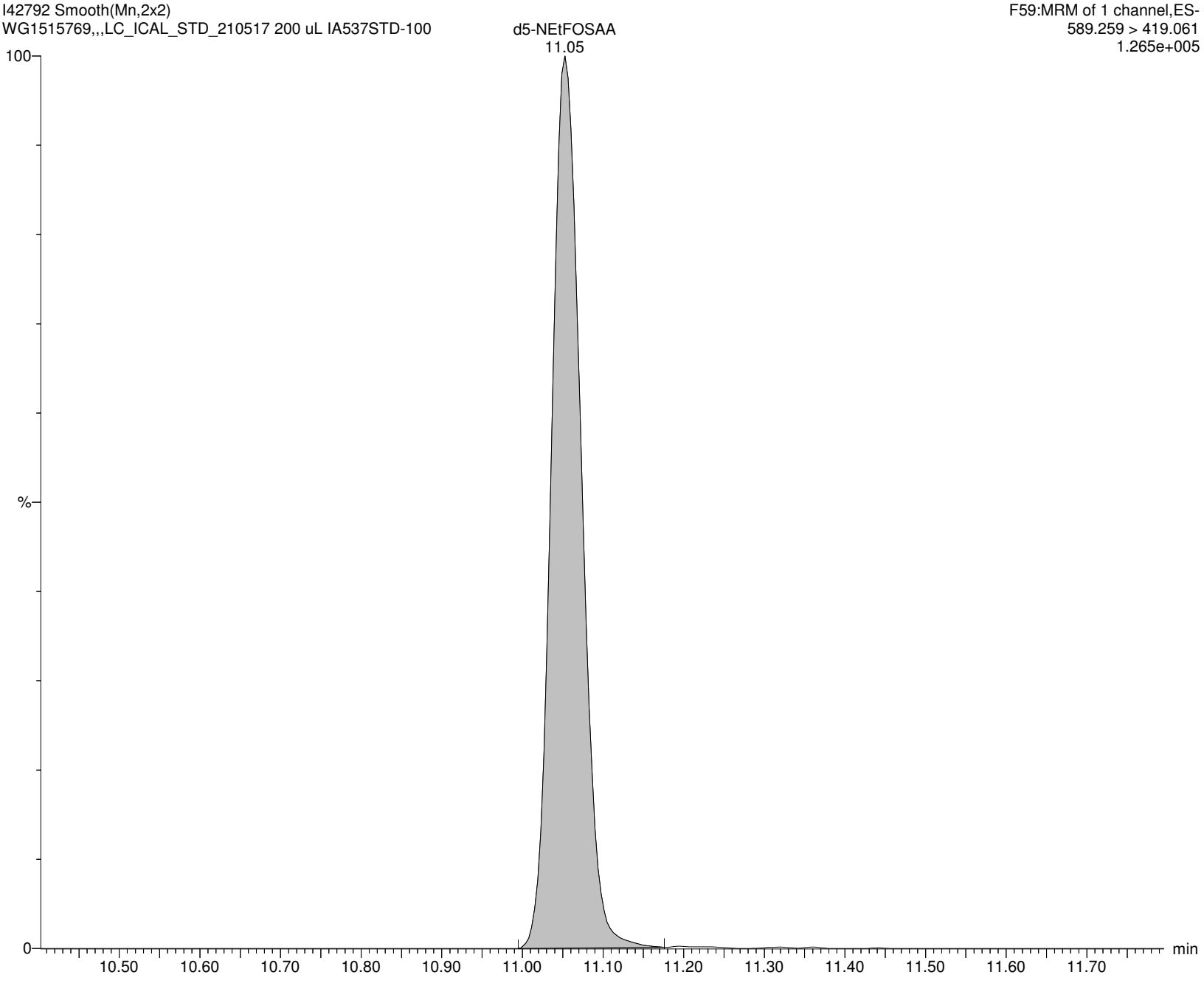


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSAA

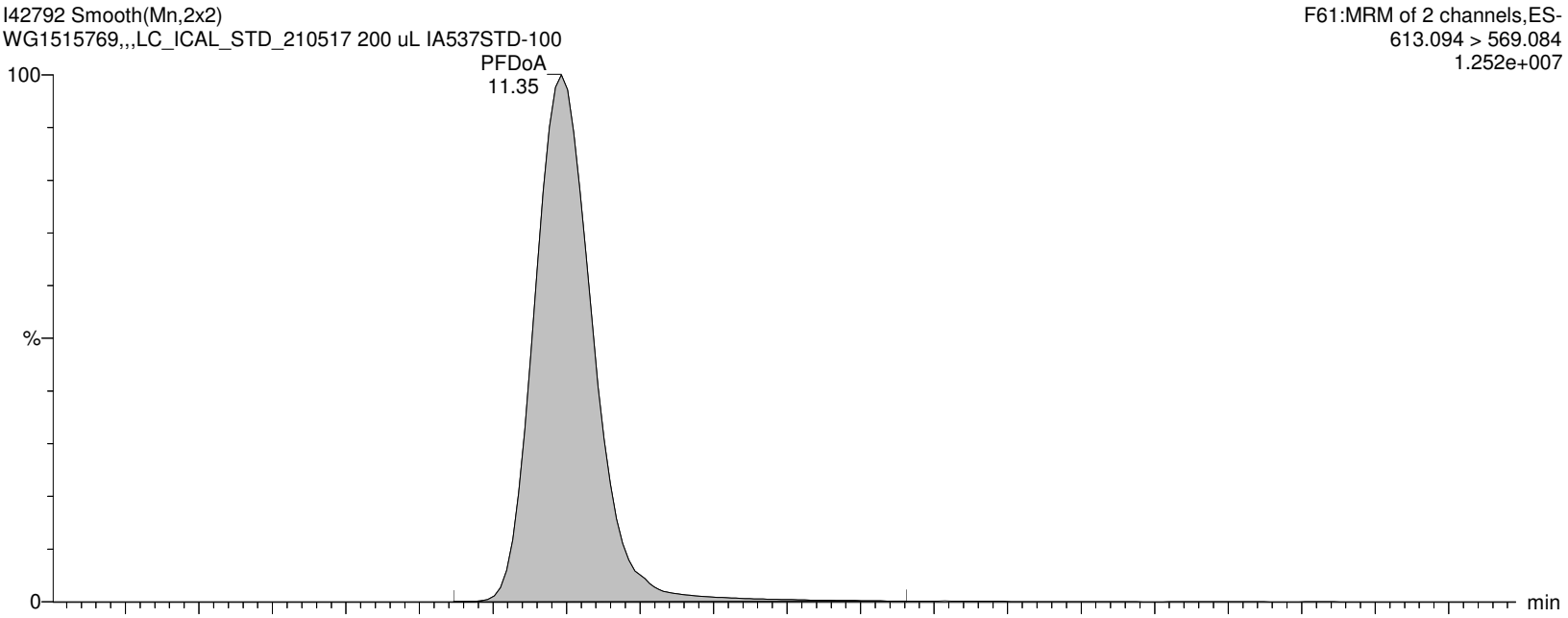


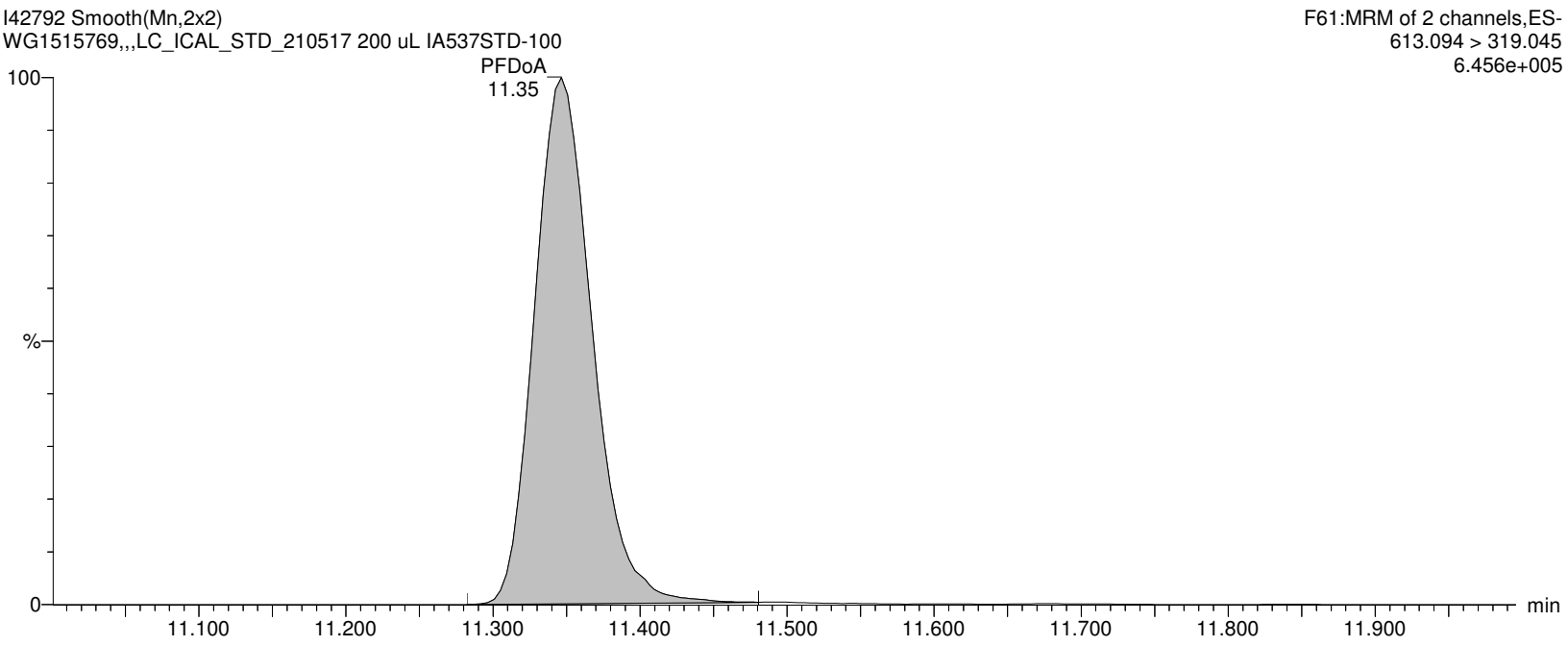
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoA



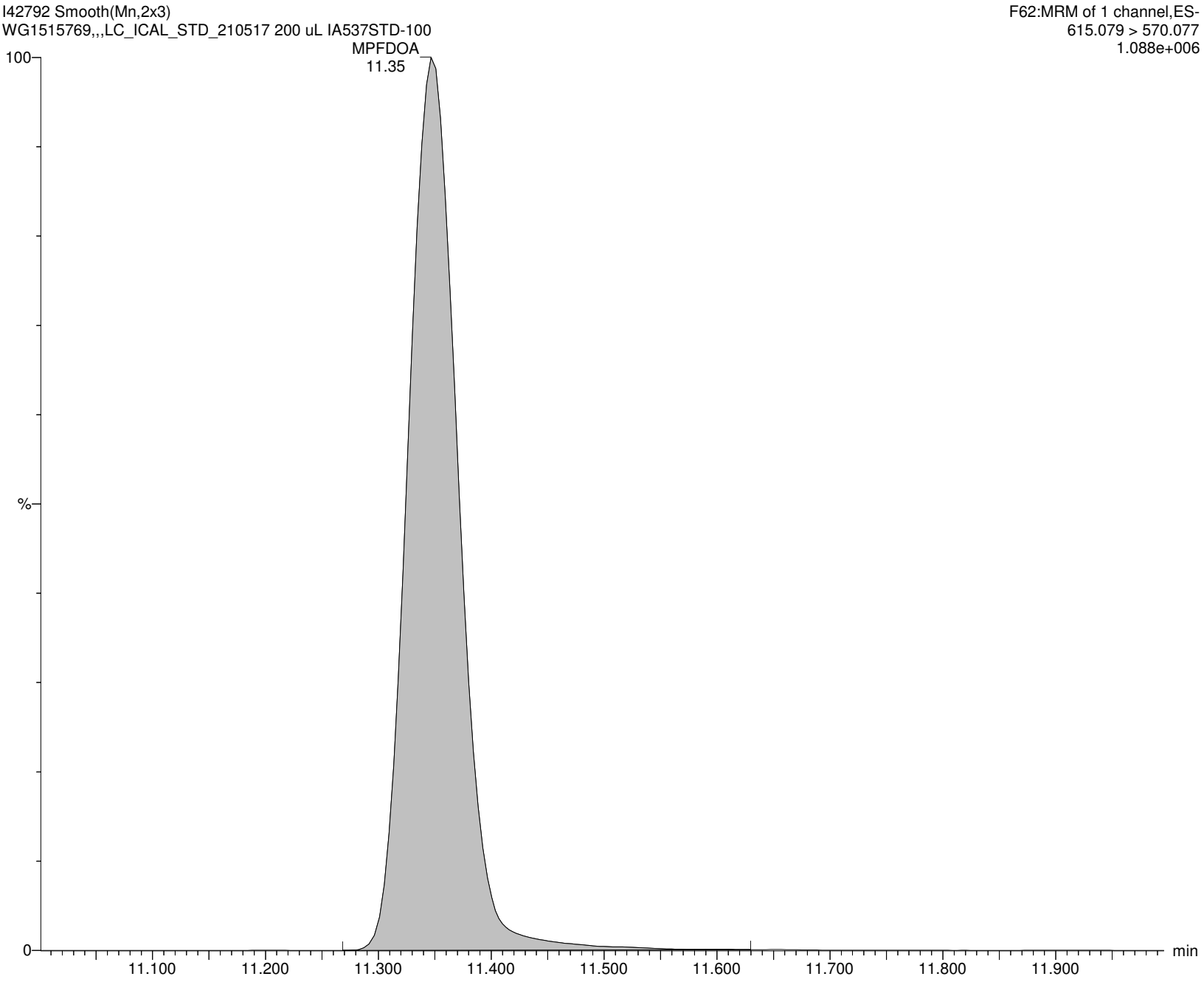


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFDOA

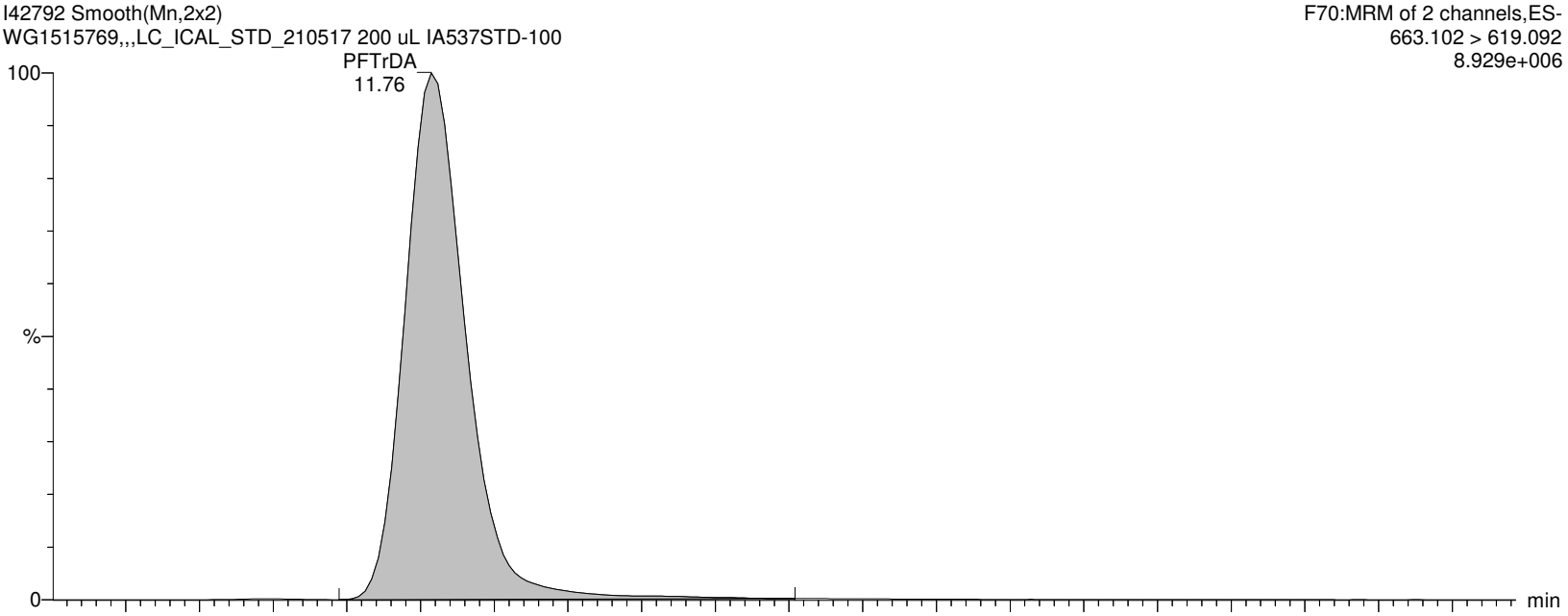


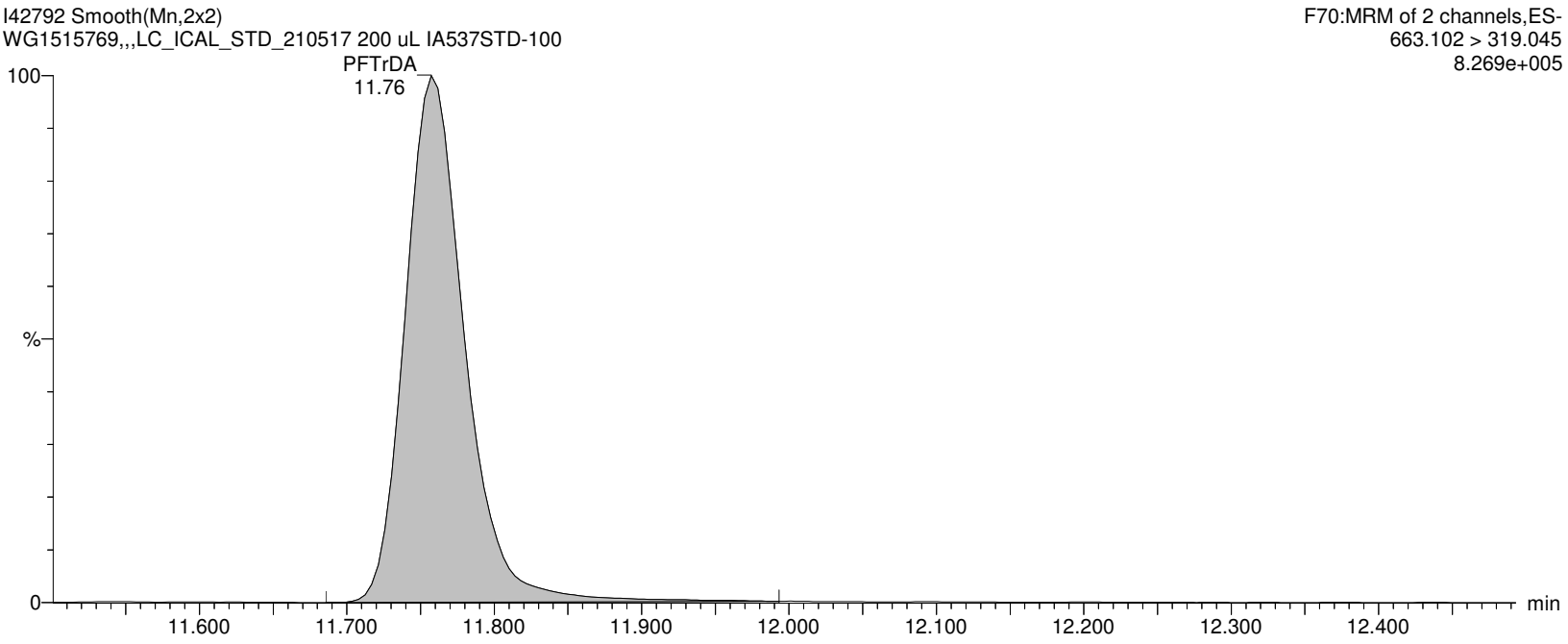
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTrDA



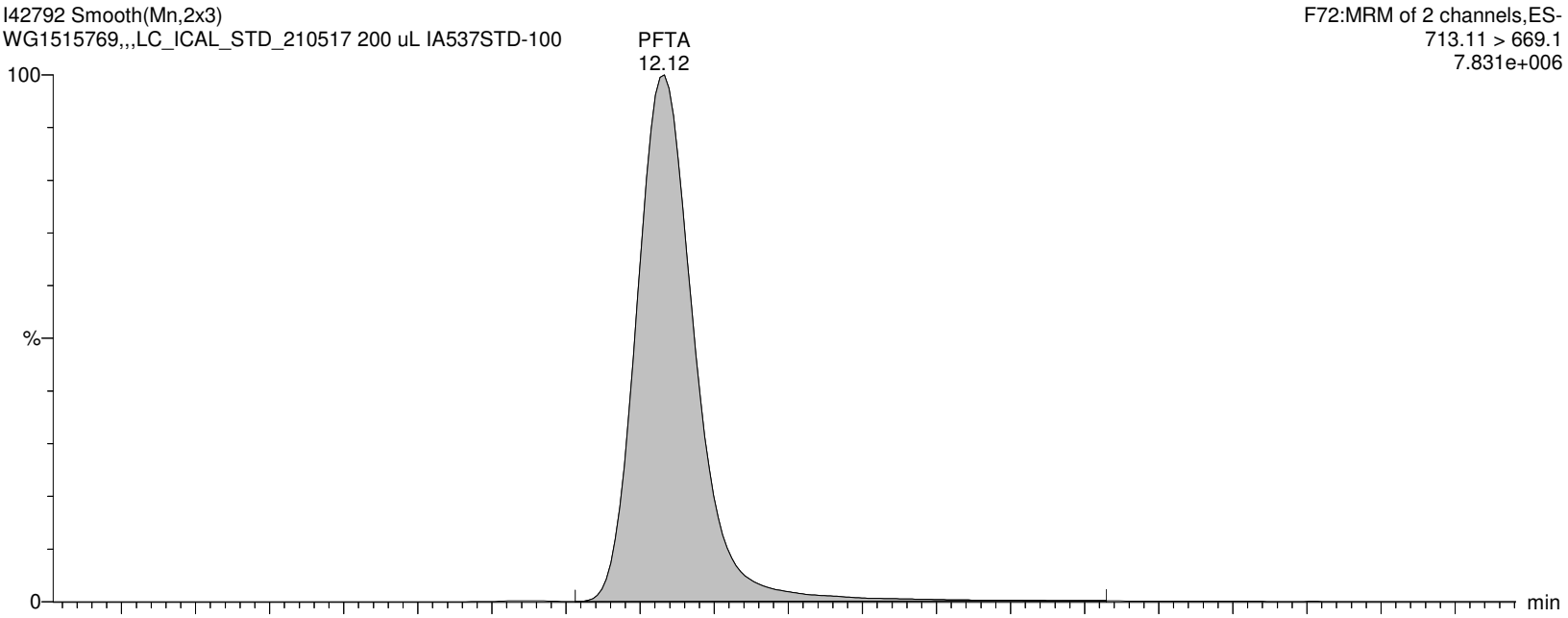


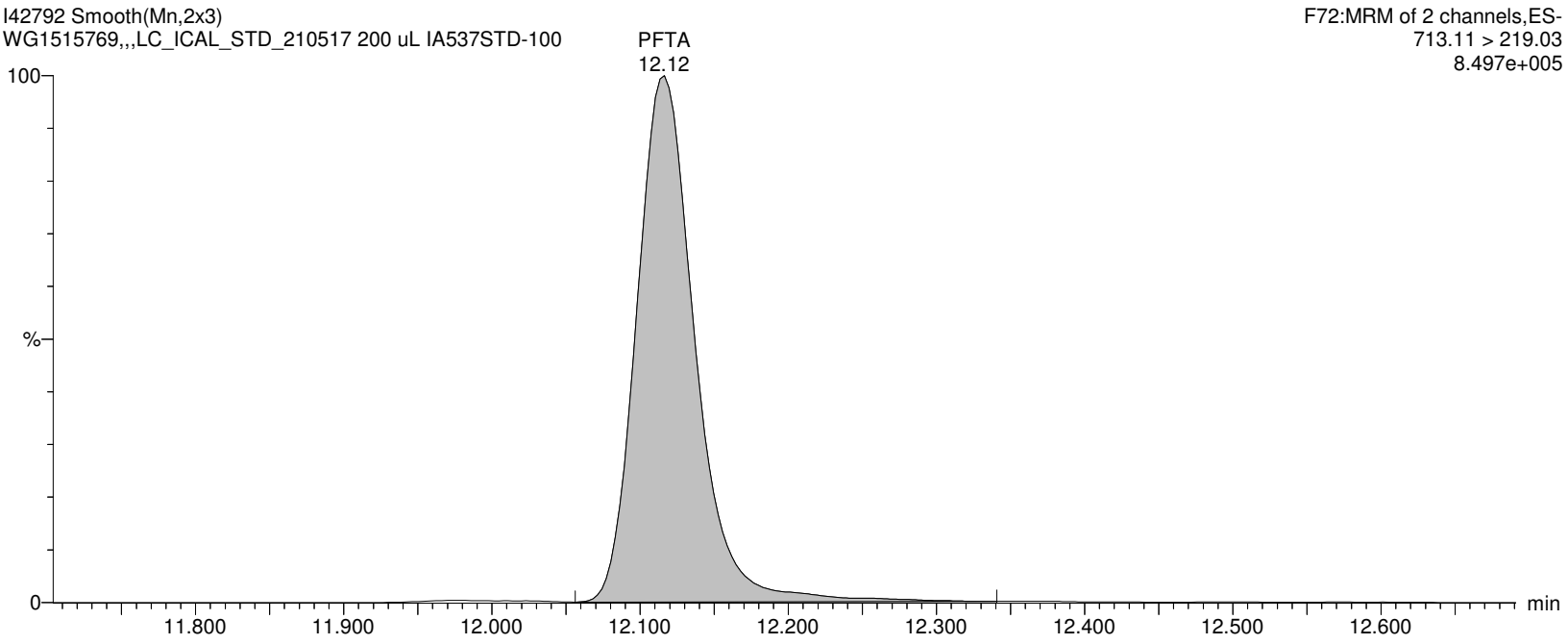
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTA



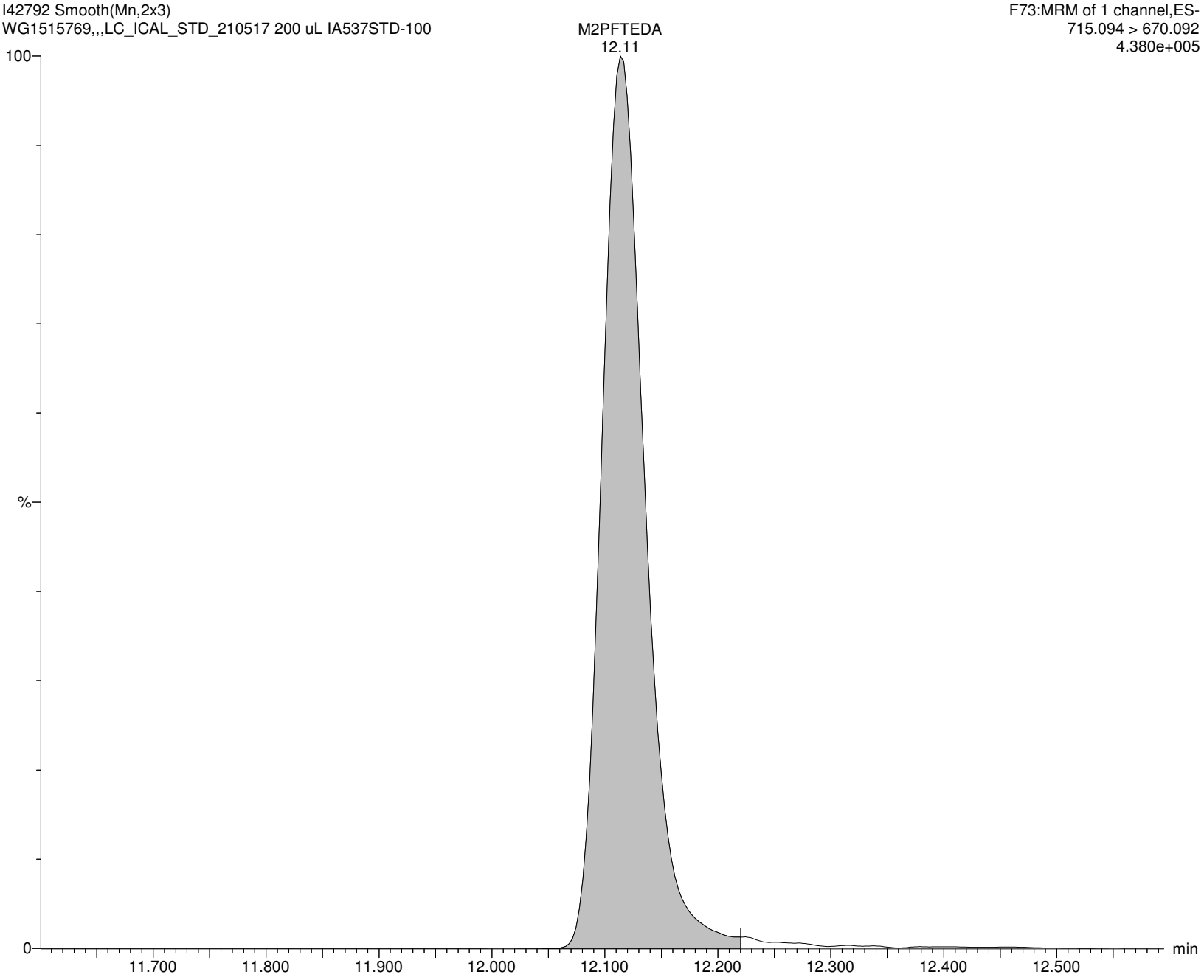


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFTEDA

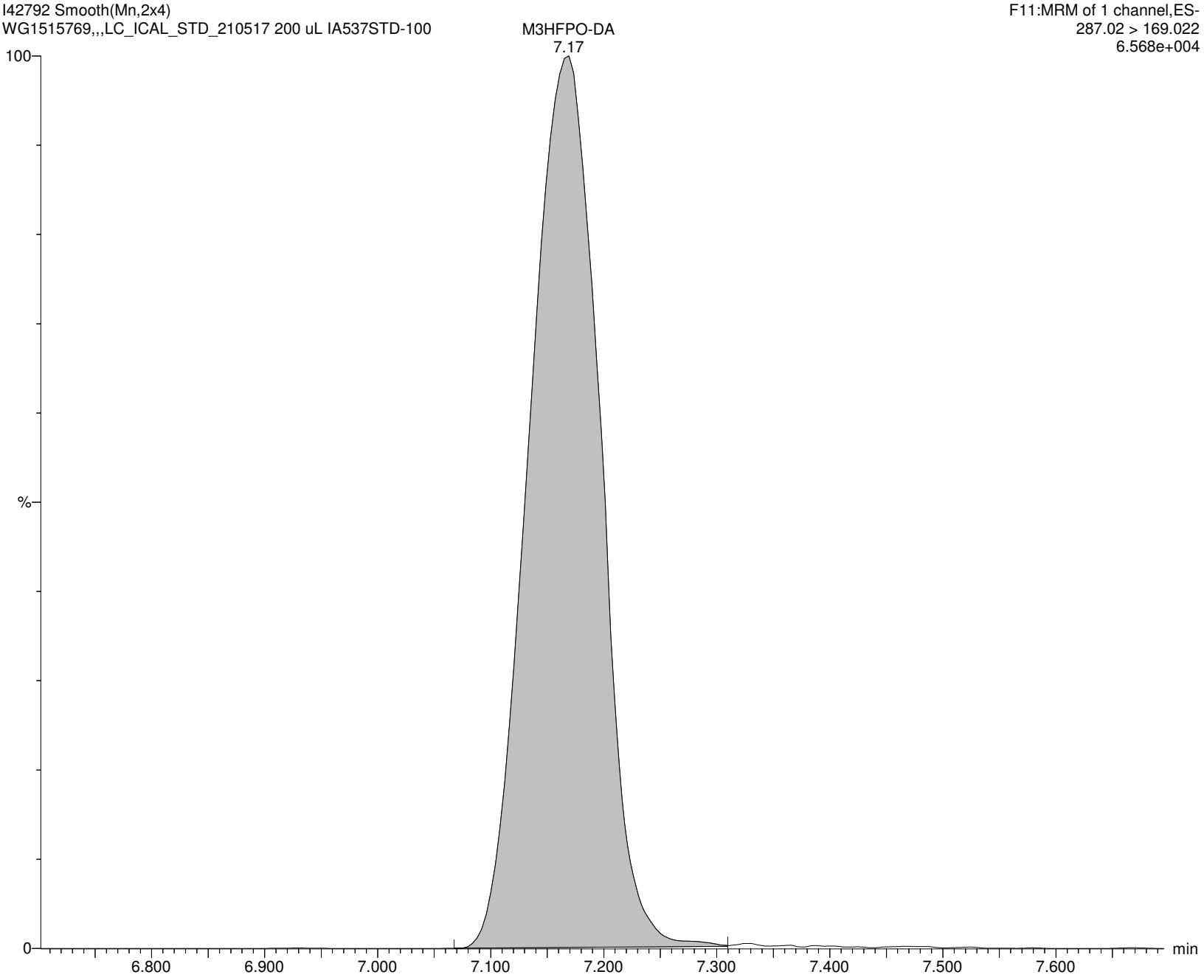


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3HFPO-DA

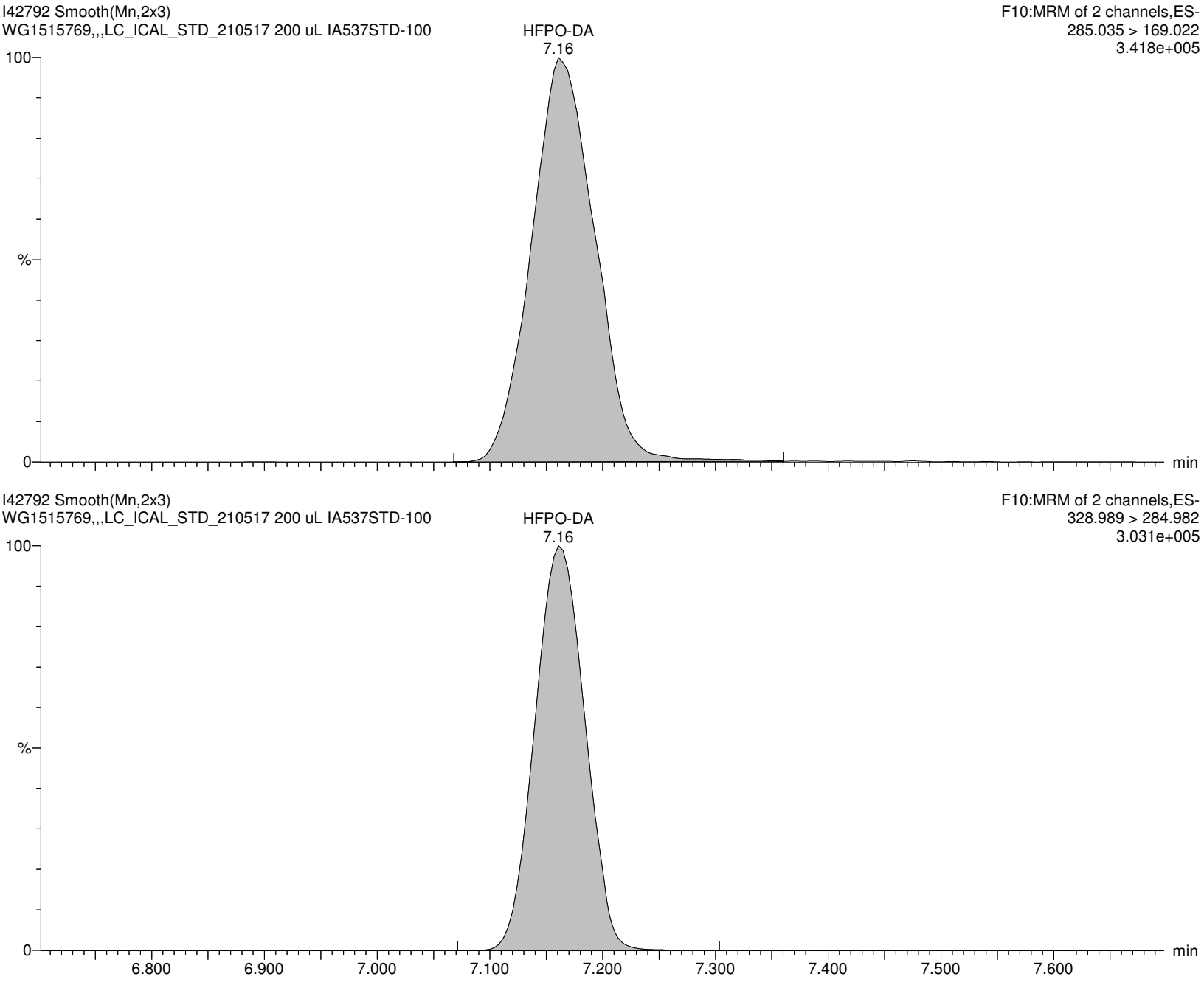


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

HFPO-DA

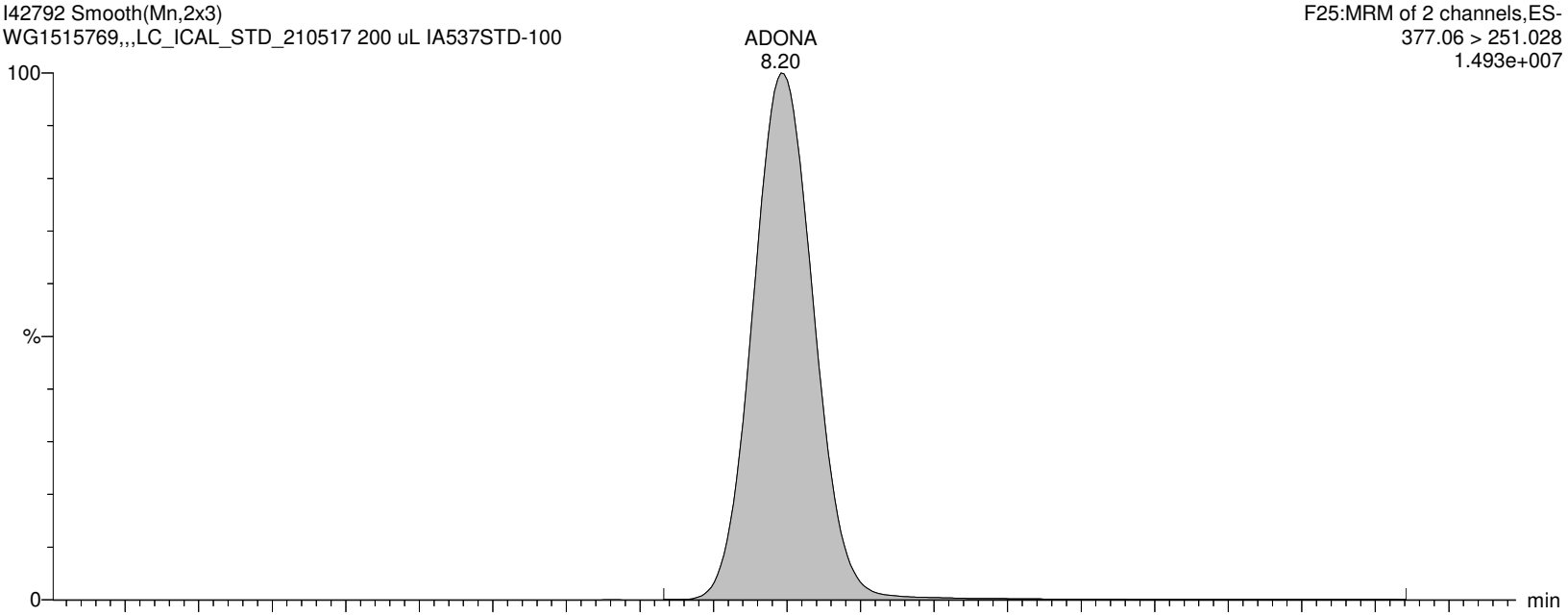


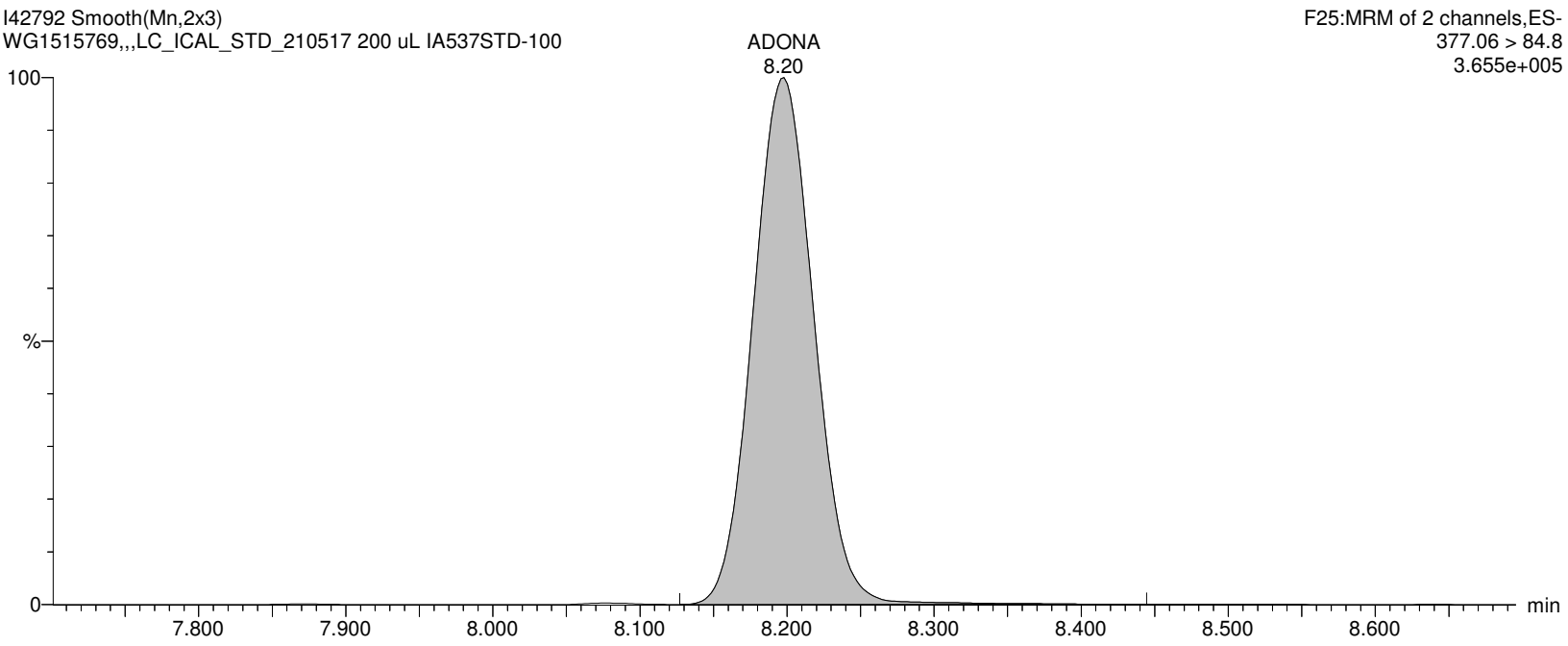
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

ADONA



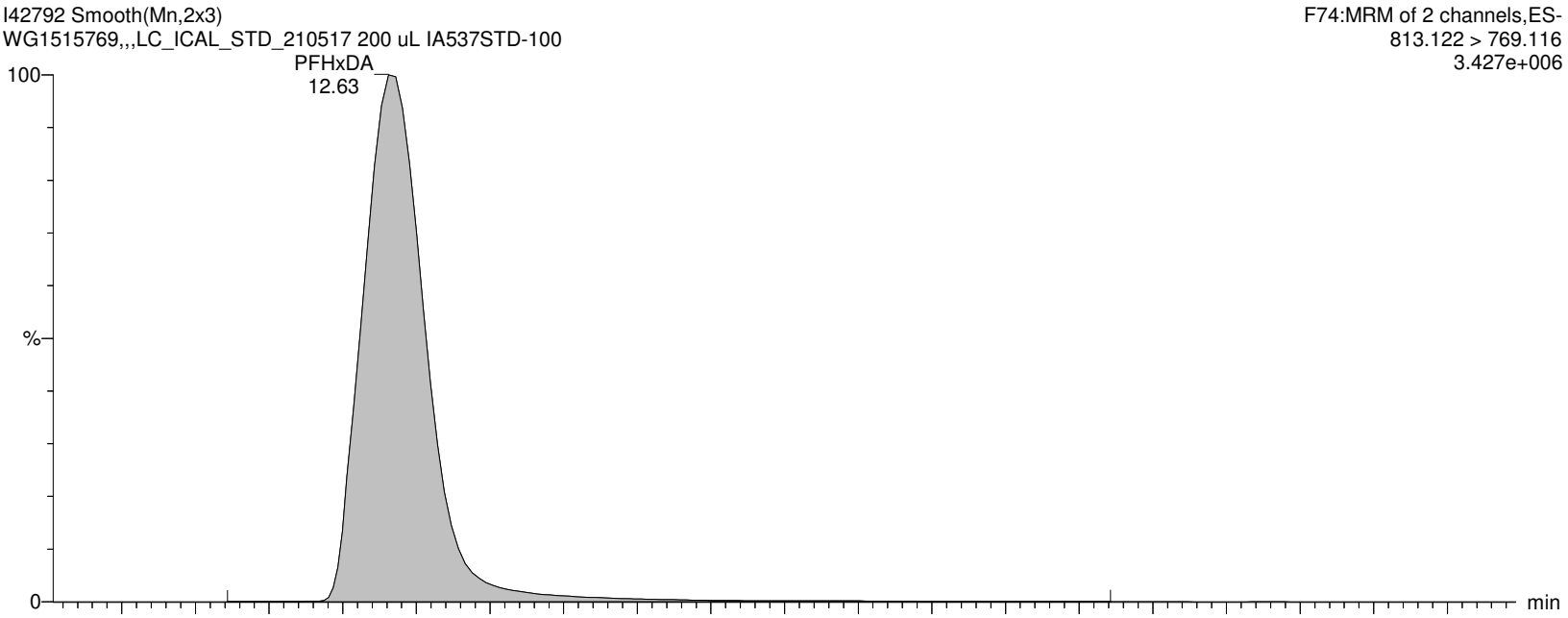


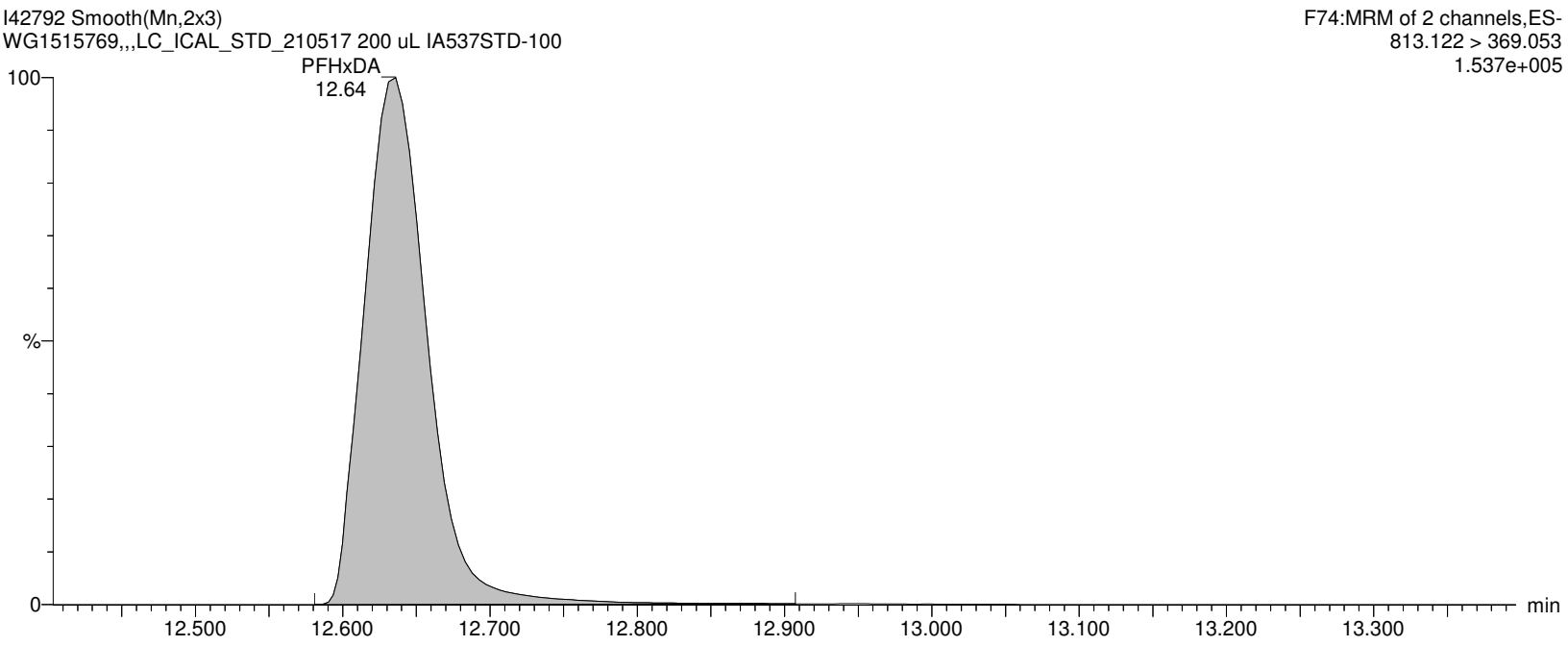
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxDA



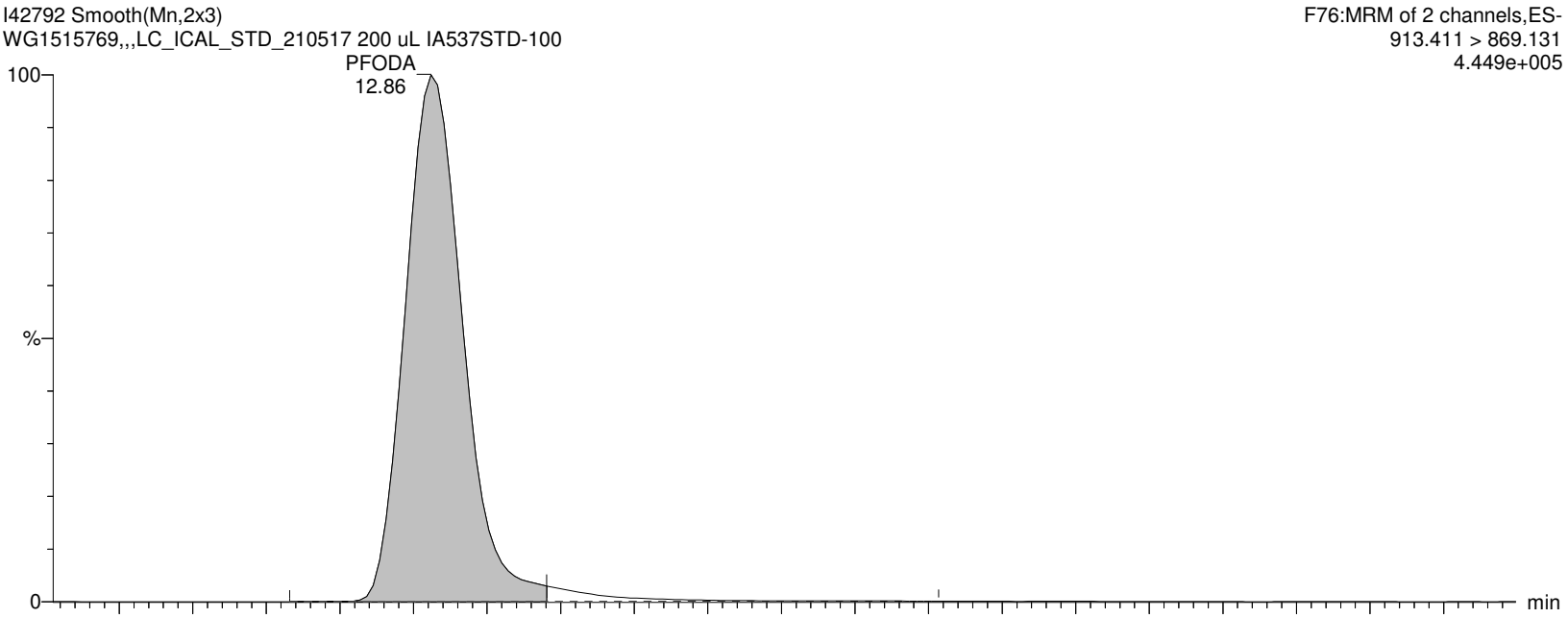


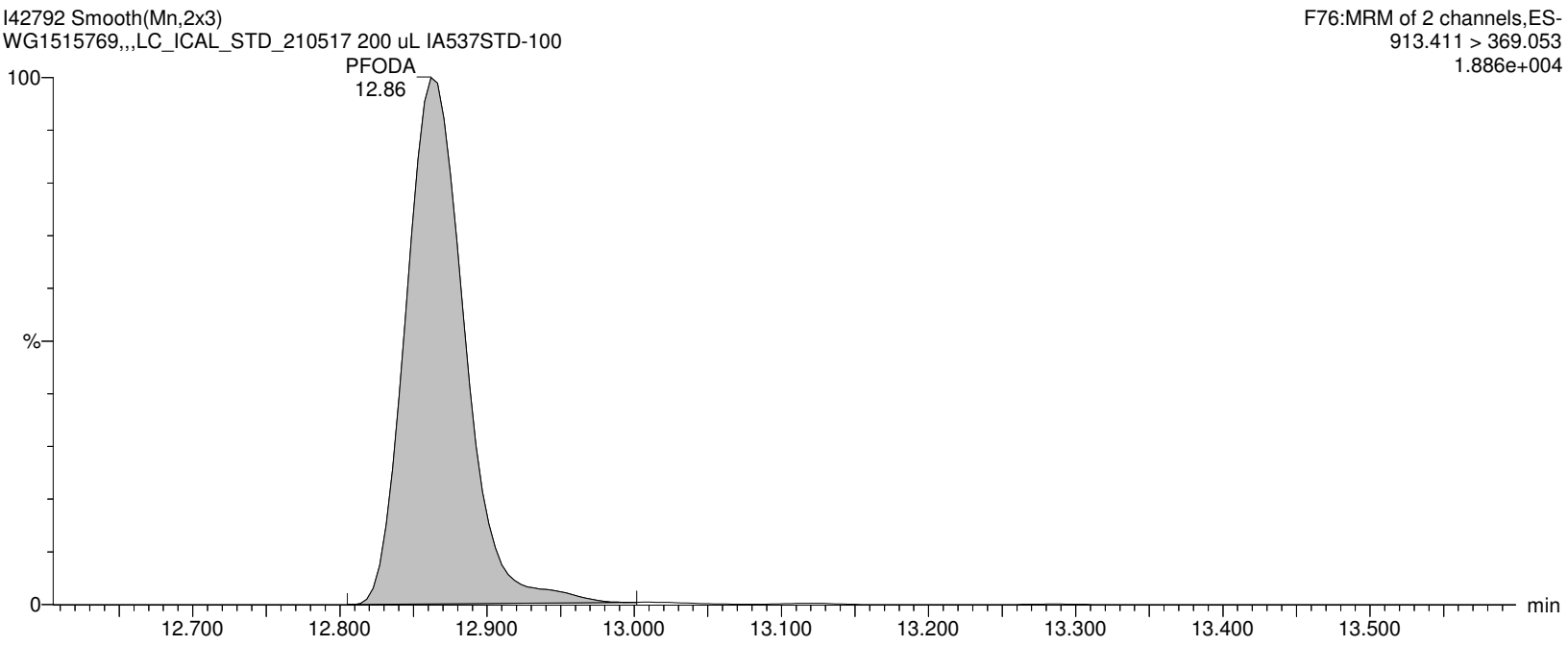
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFODA



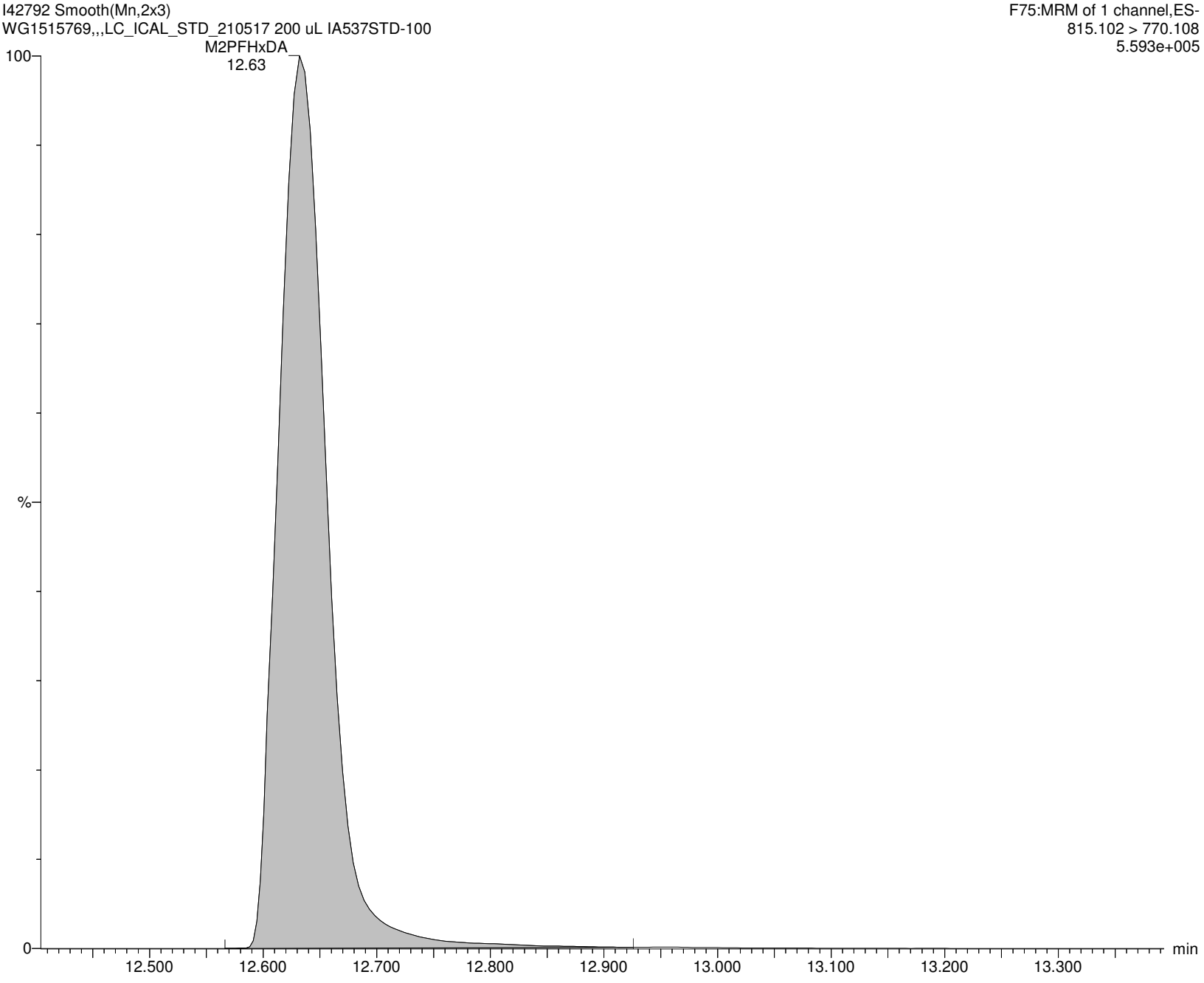


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFHxDA

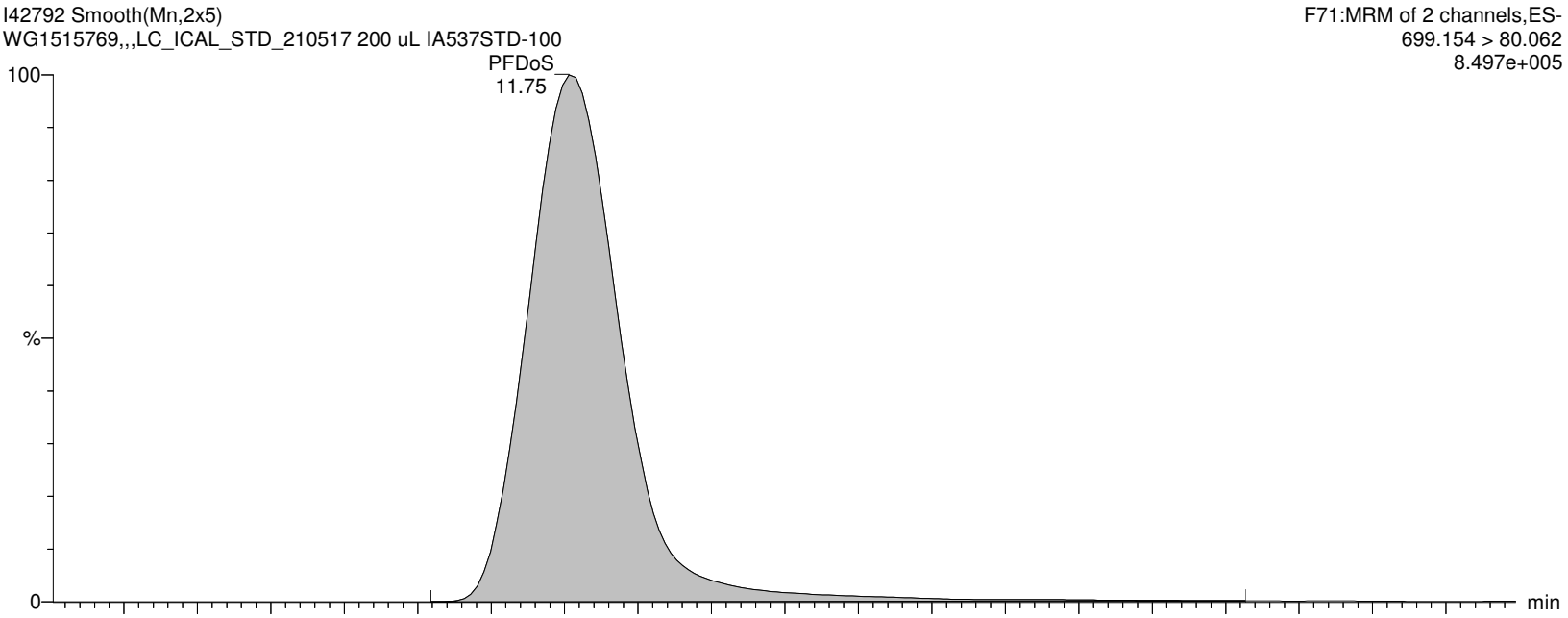


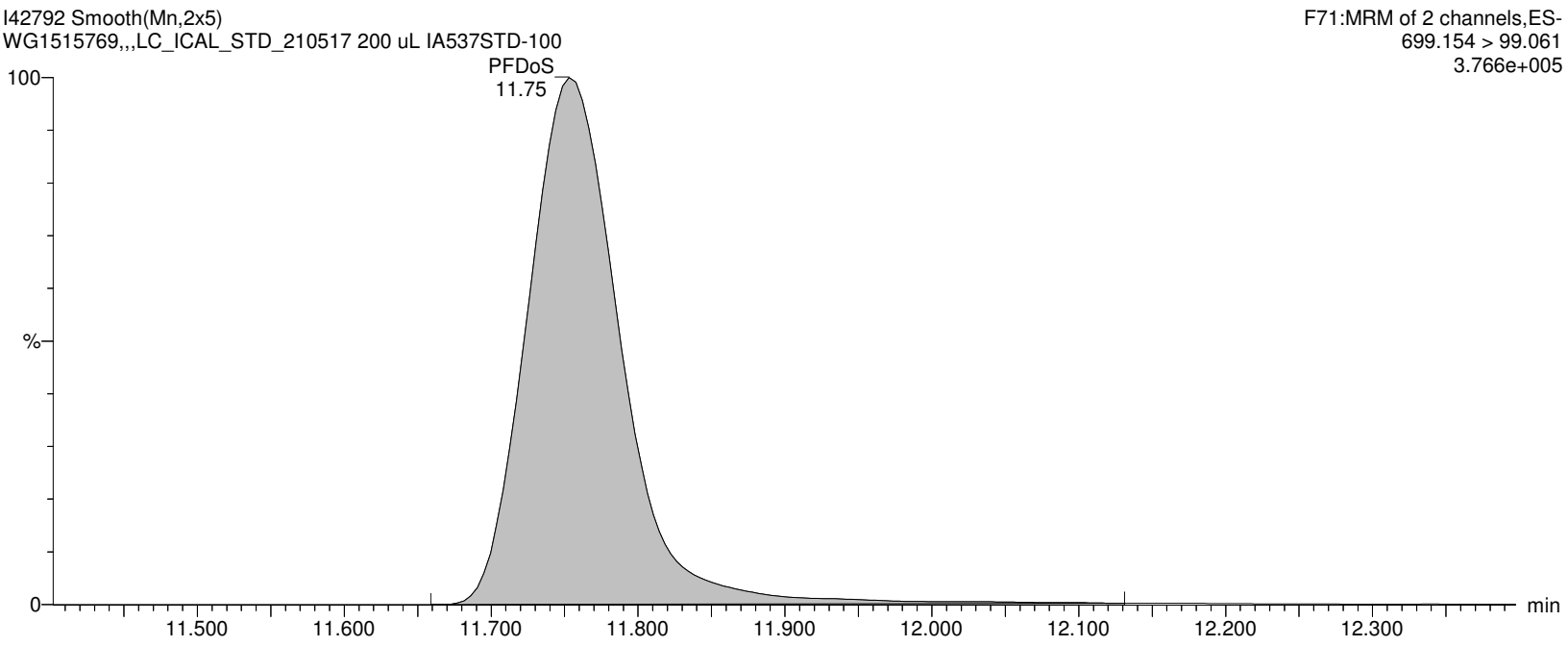
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoS



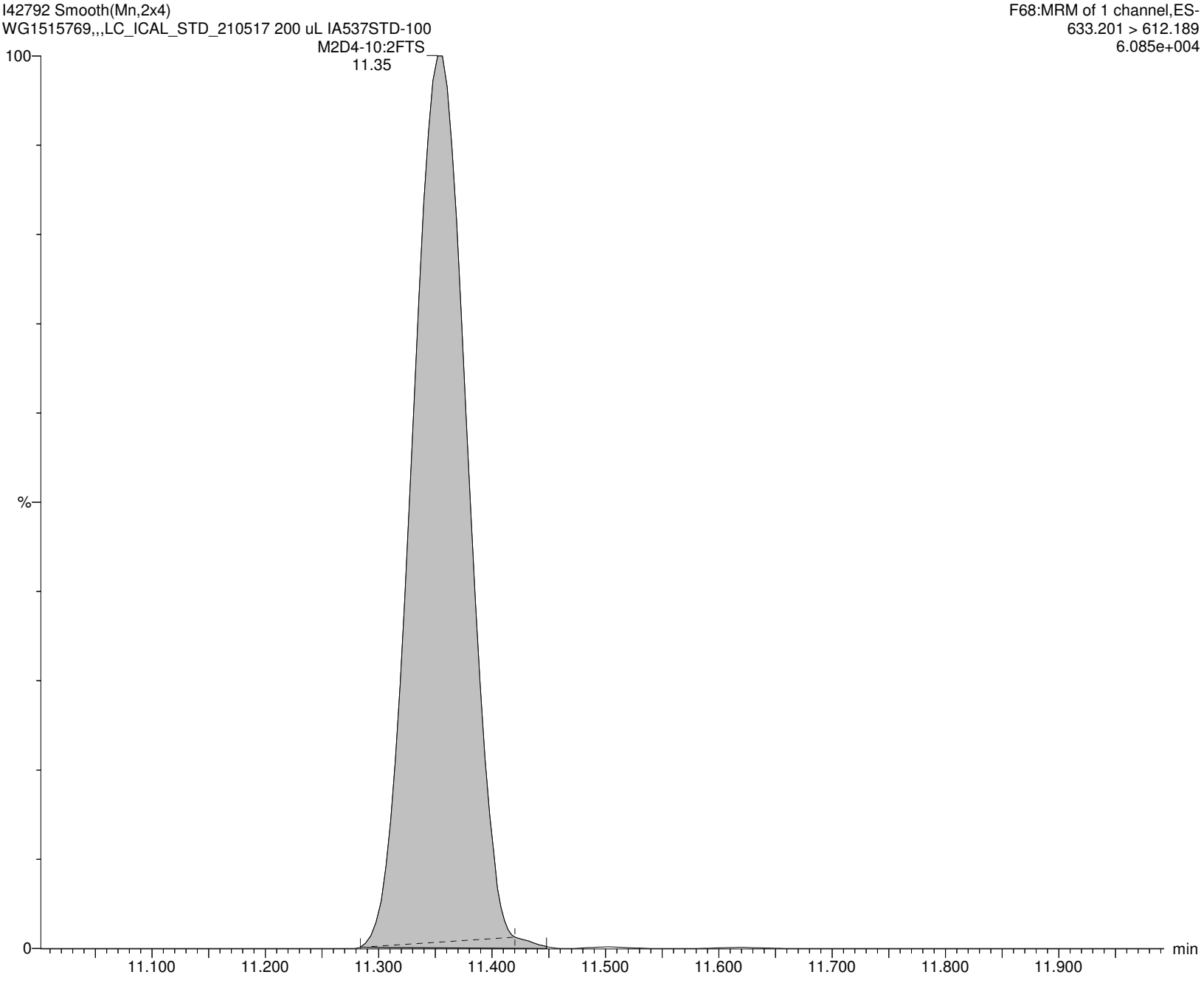


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2D4-10:2FTS

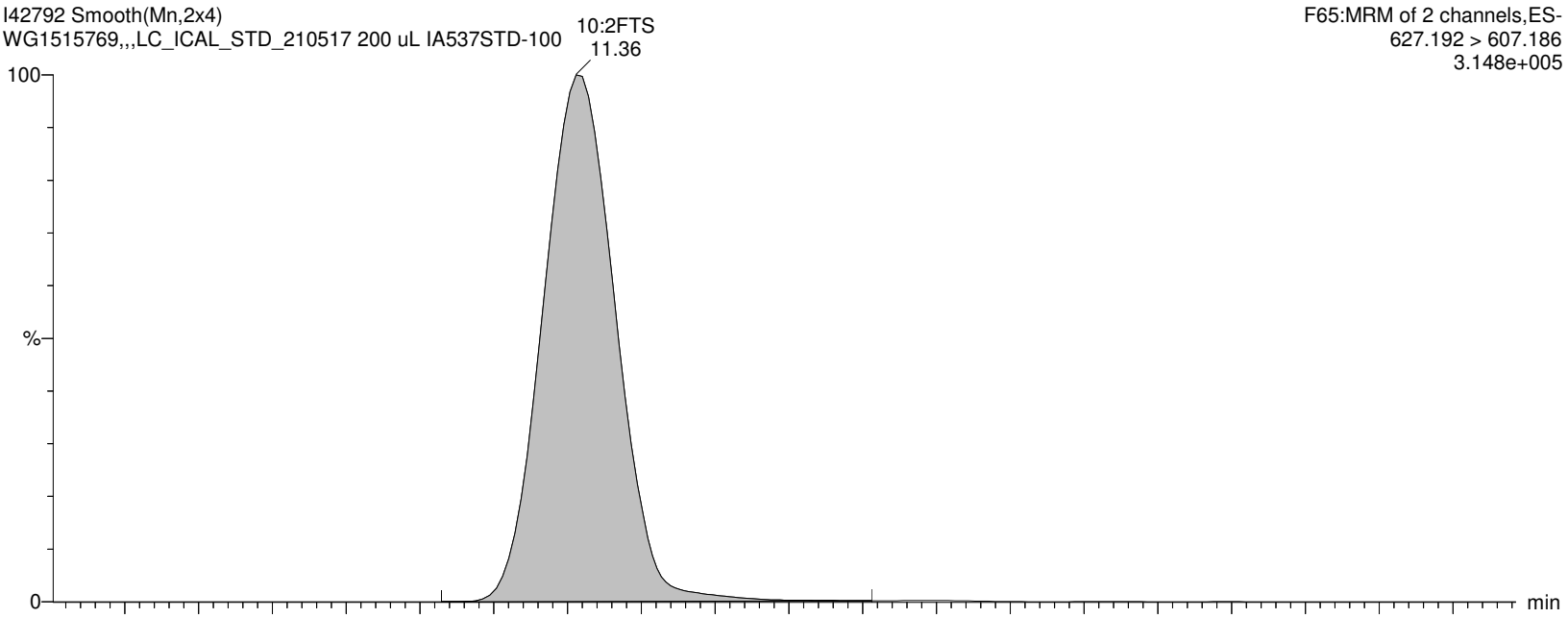


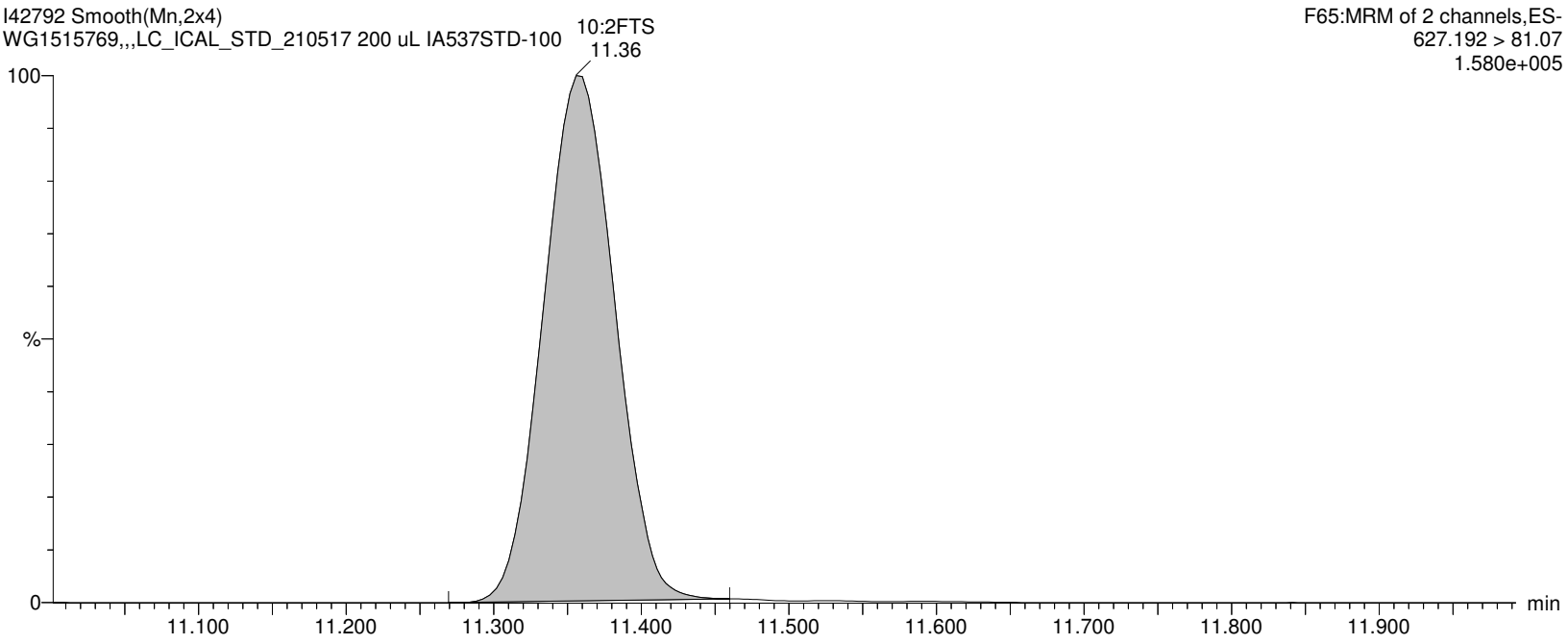
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

10:2FTS



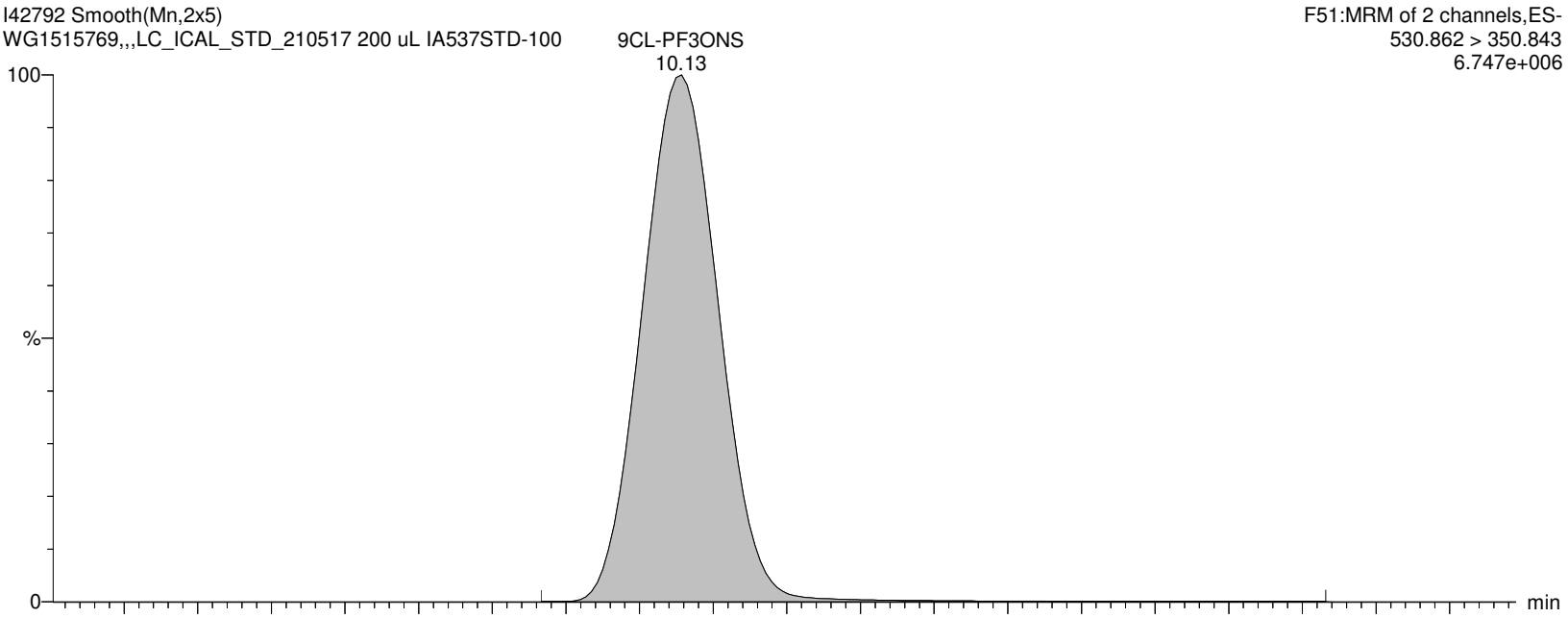


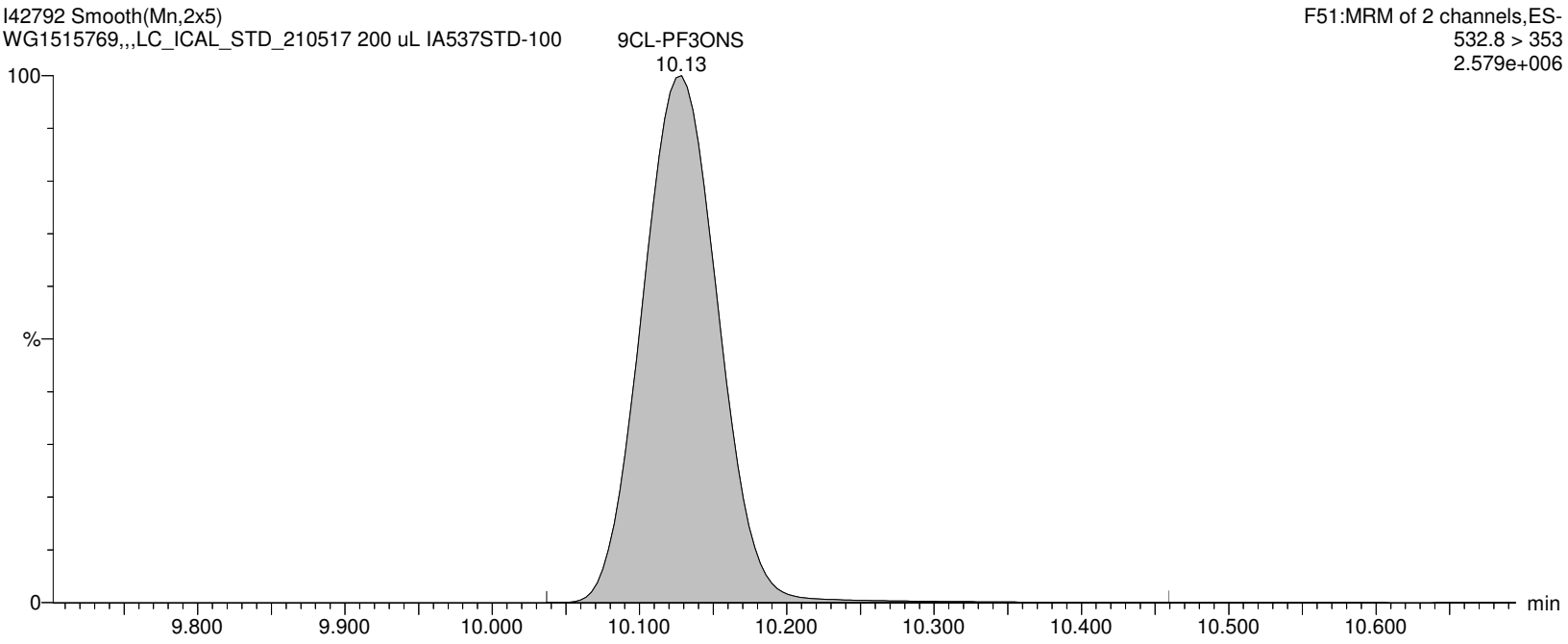
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

9CL-PF3ONS



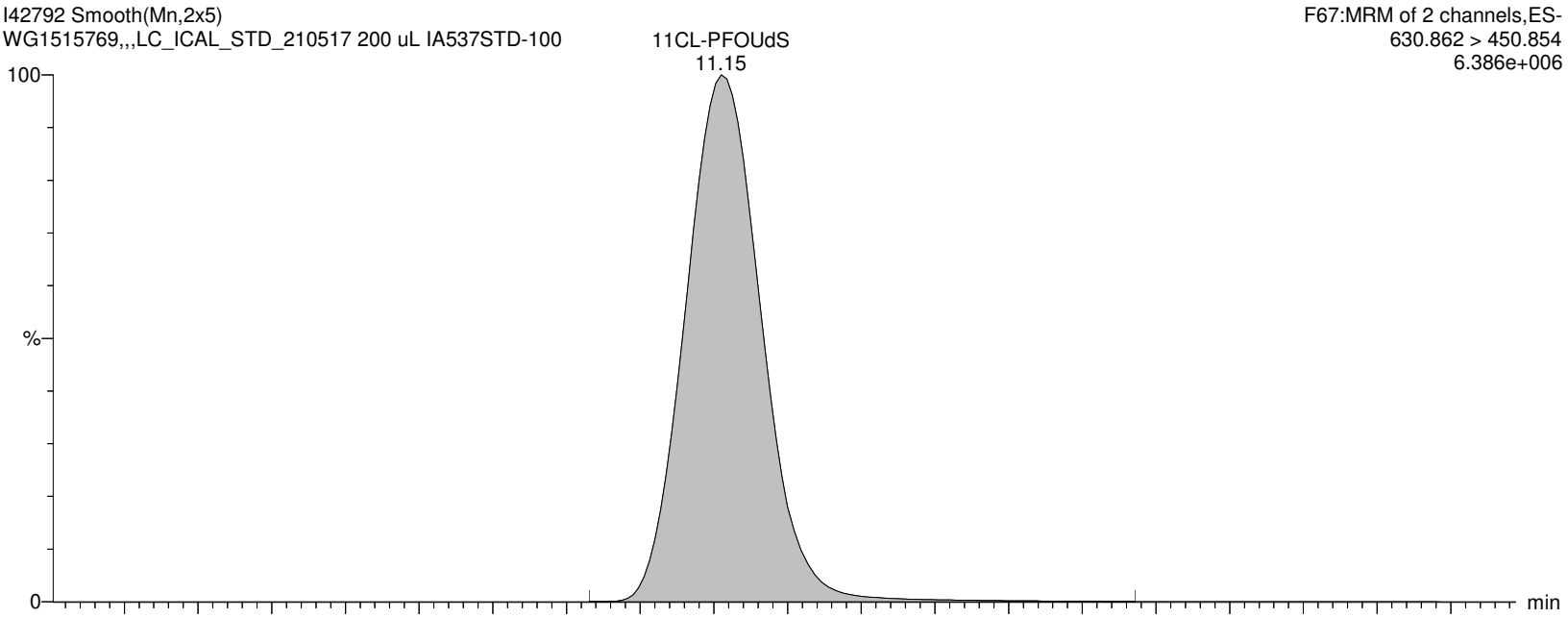


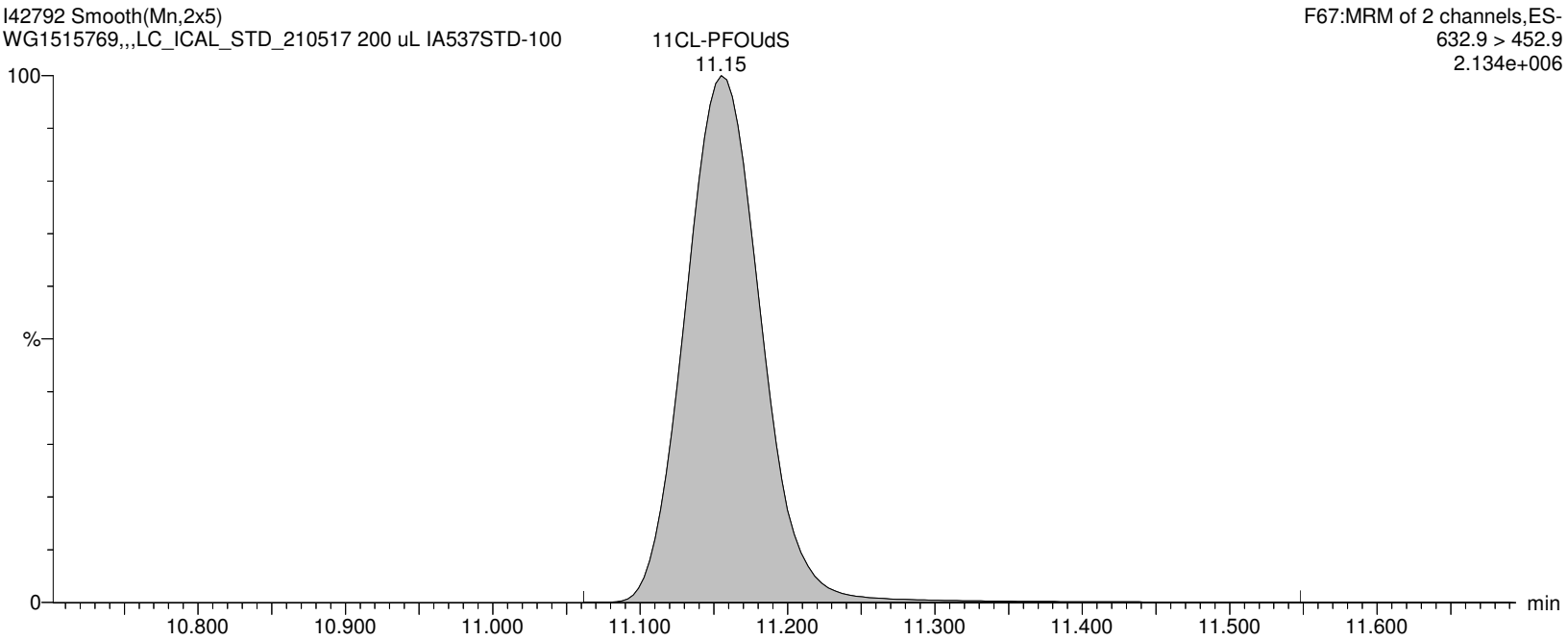
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

11CL-PFOUdS



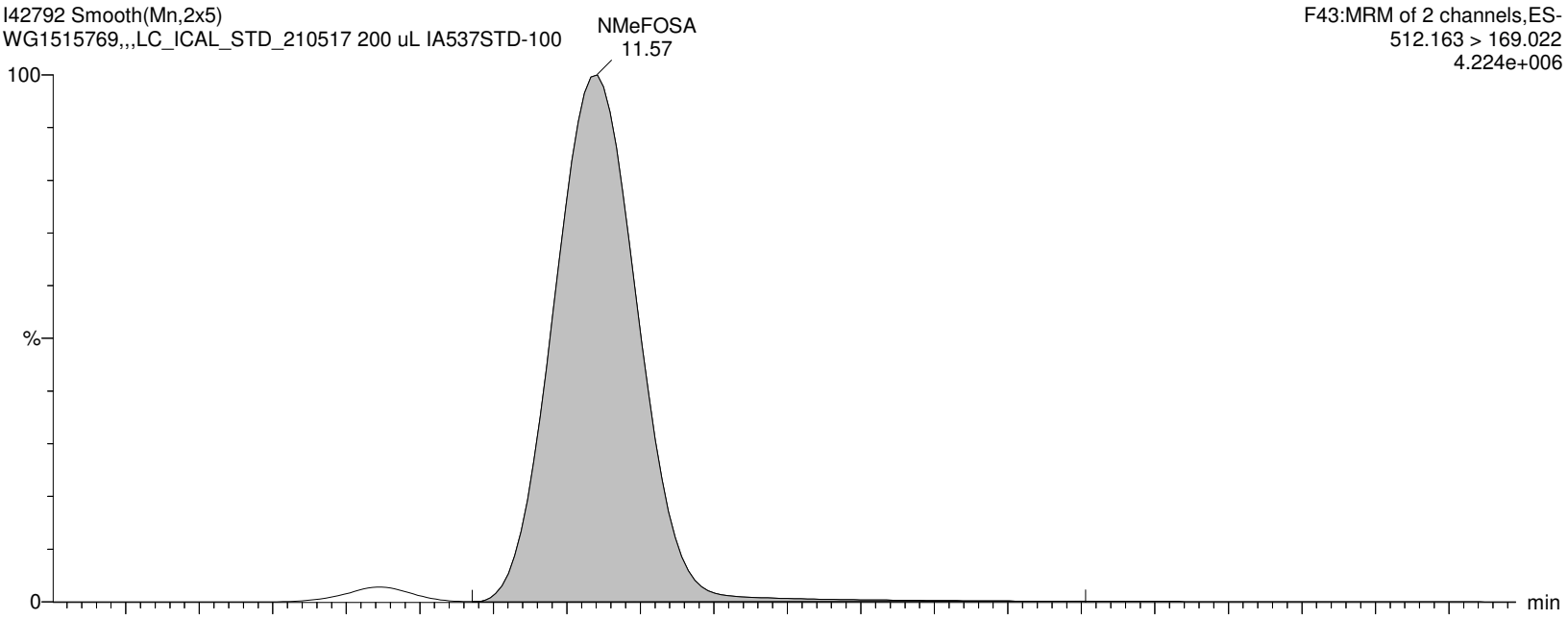


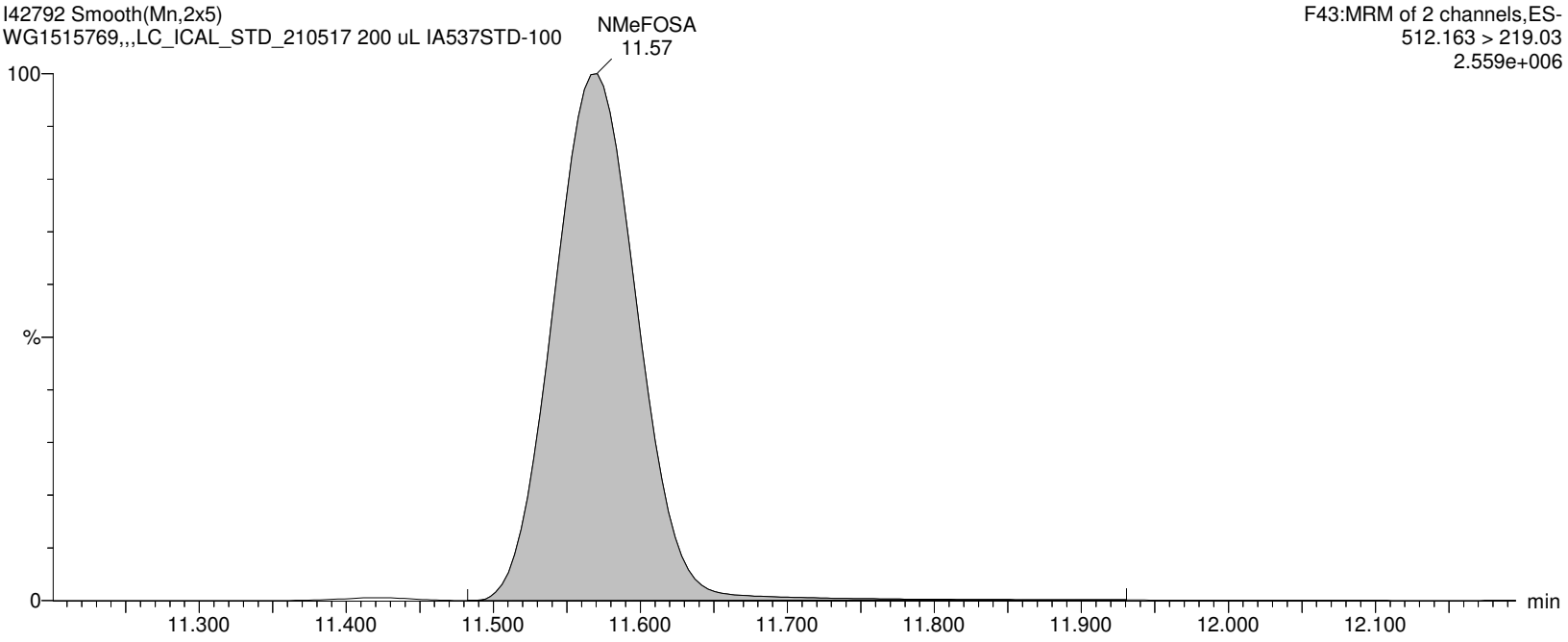
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSA



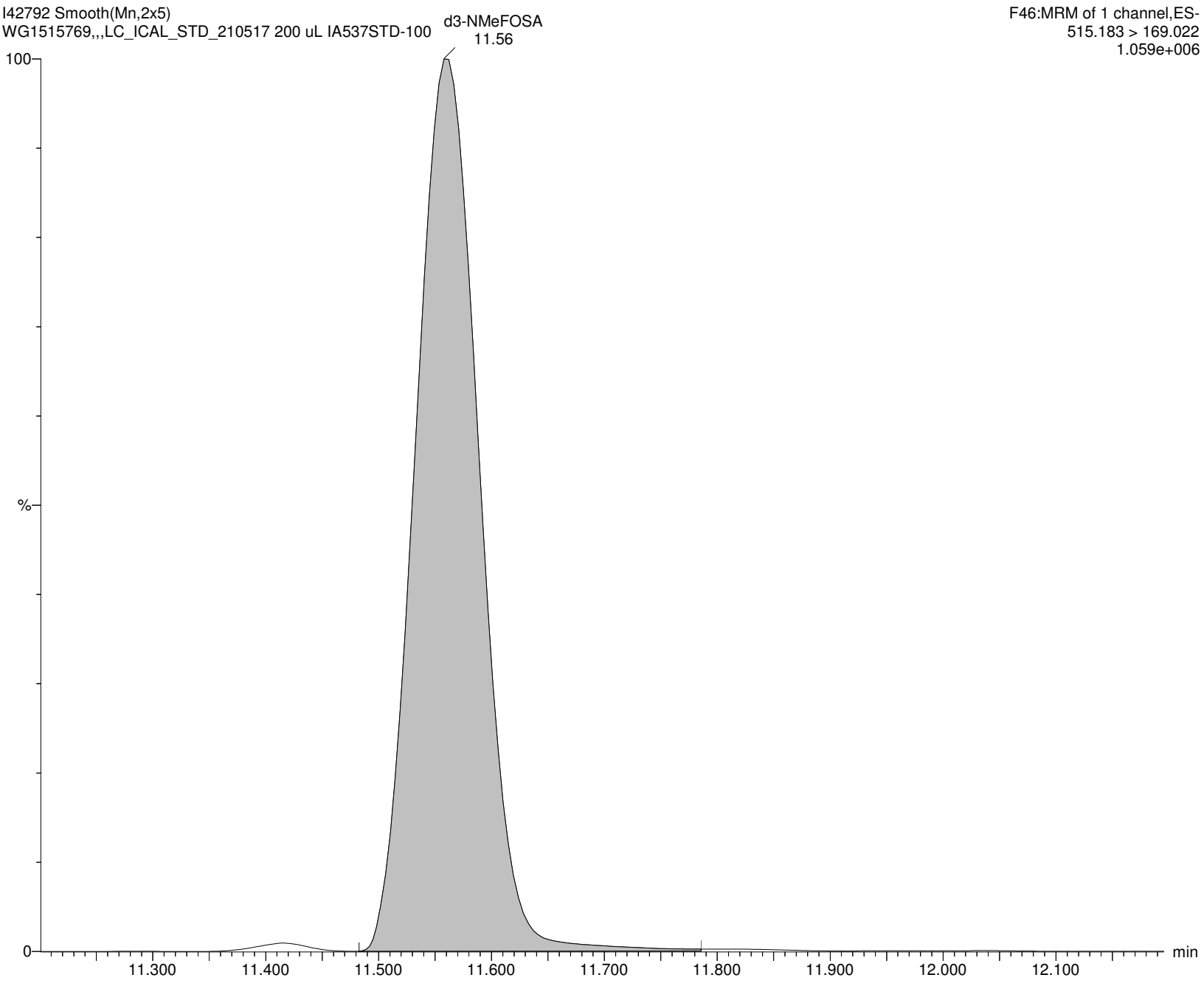


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSA

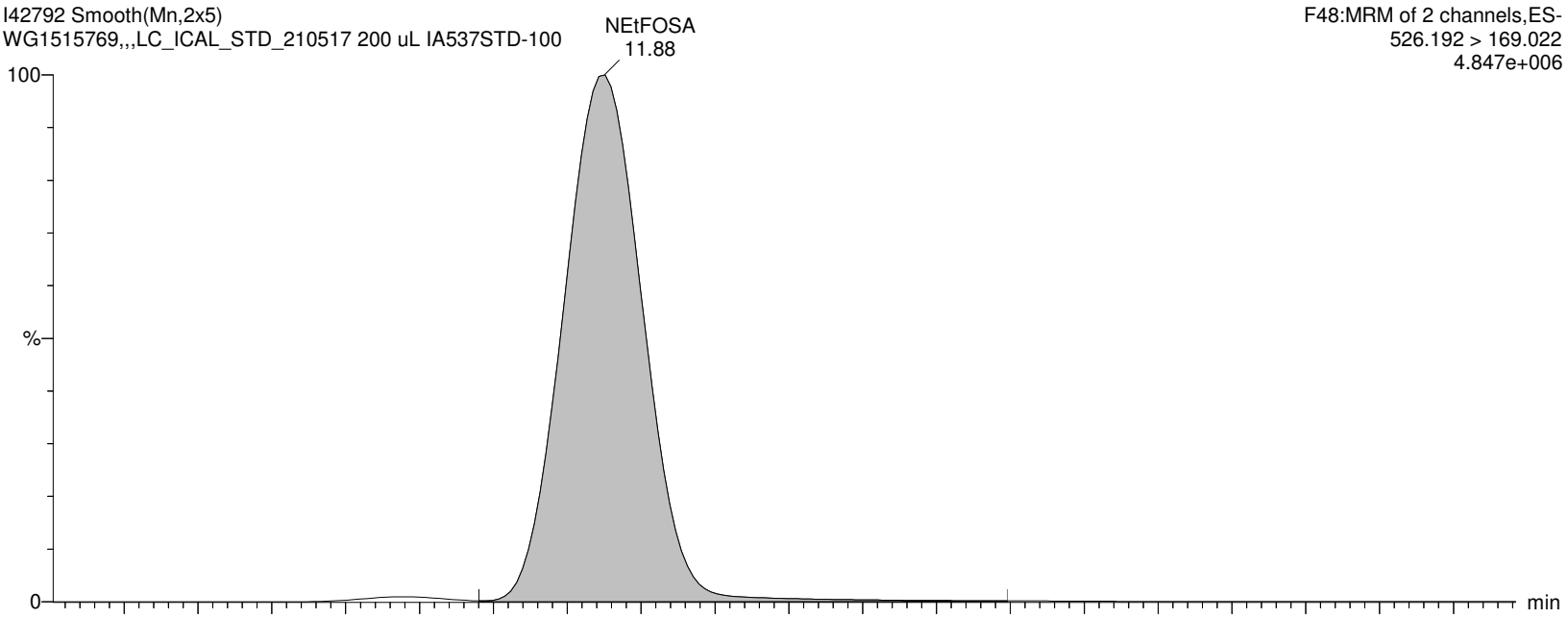


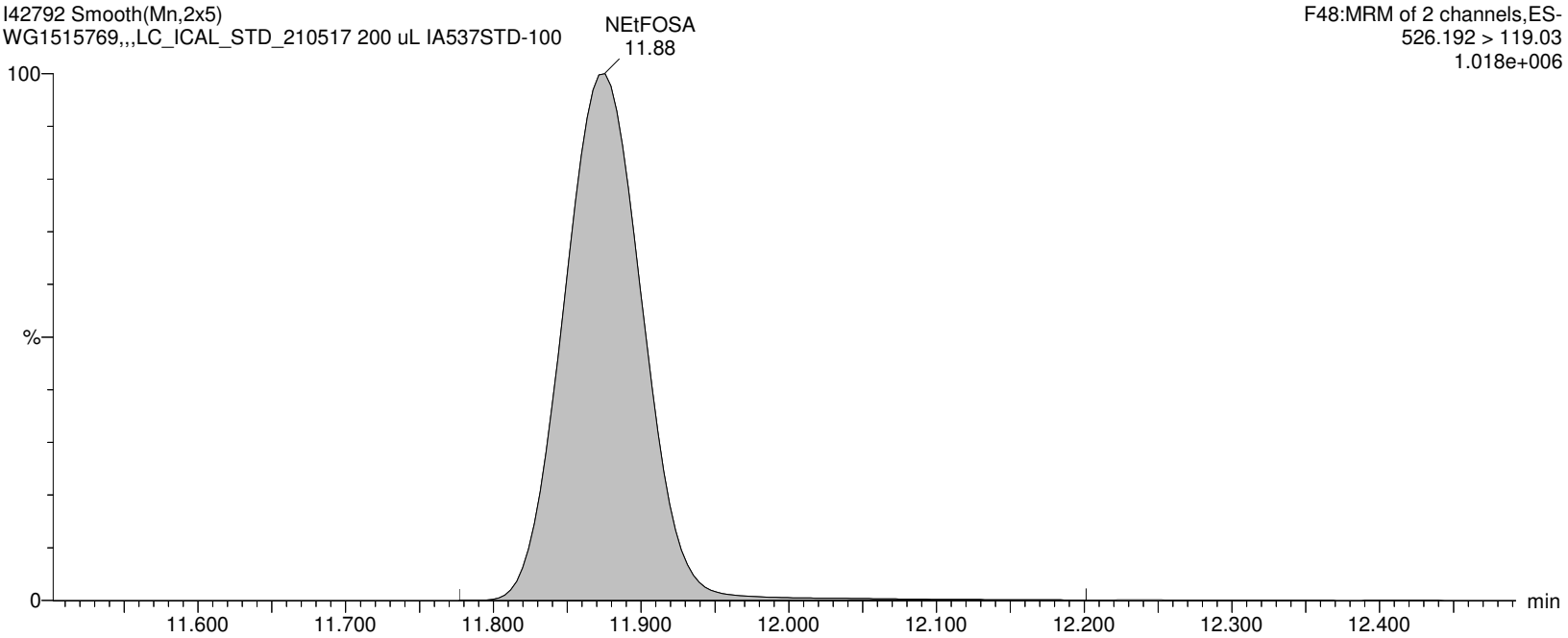
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSA



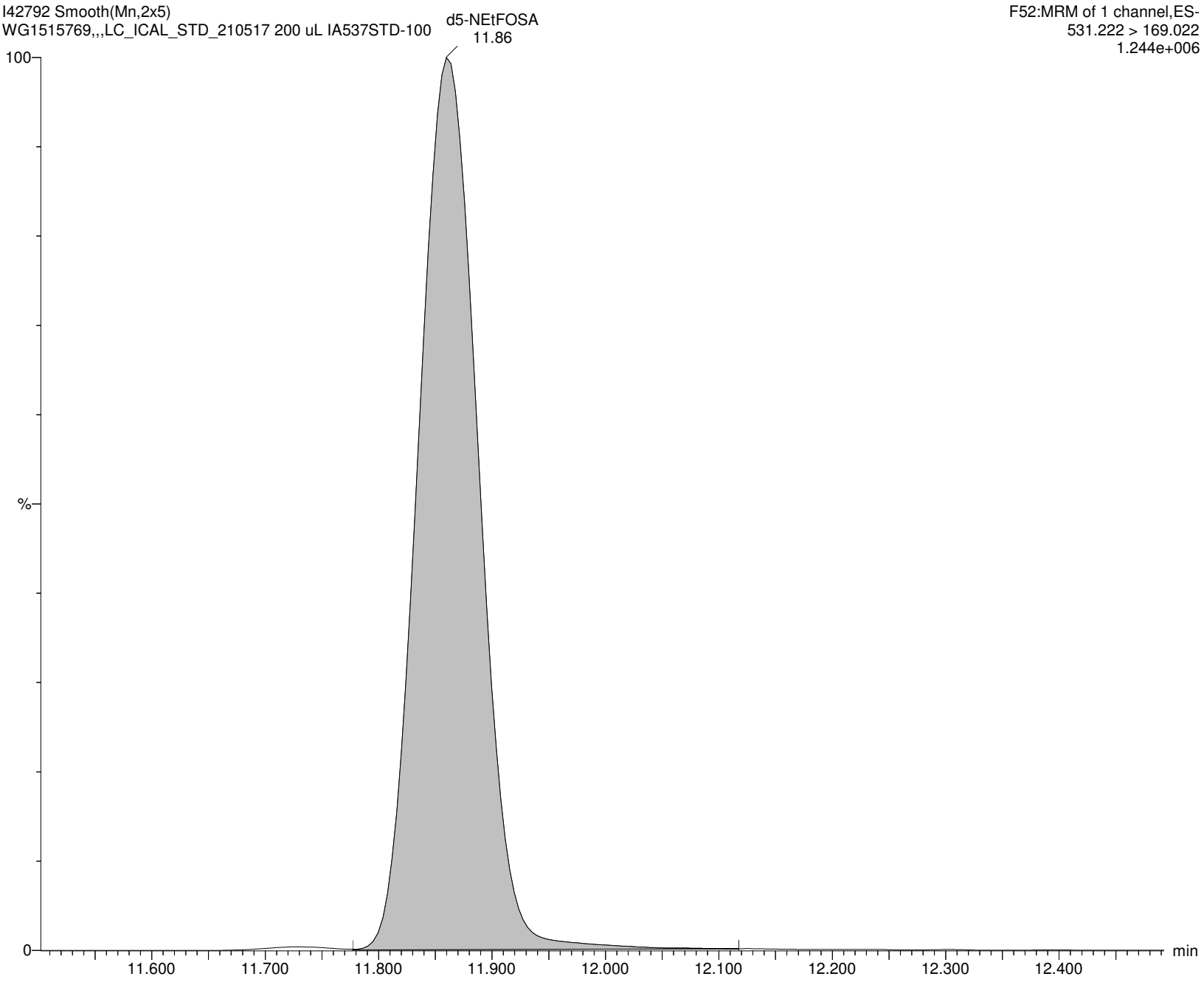


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSA

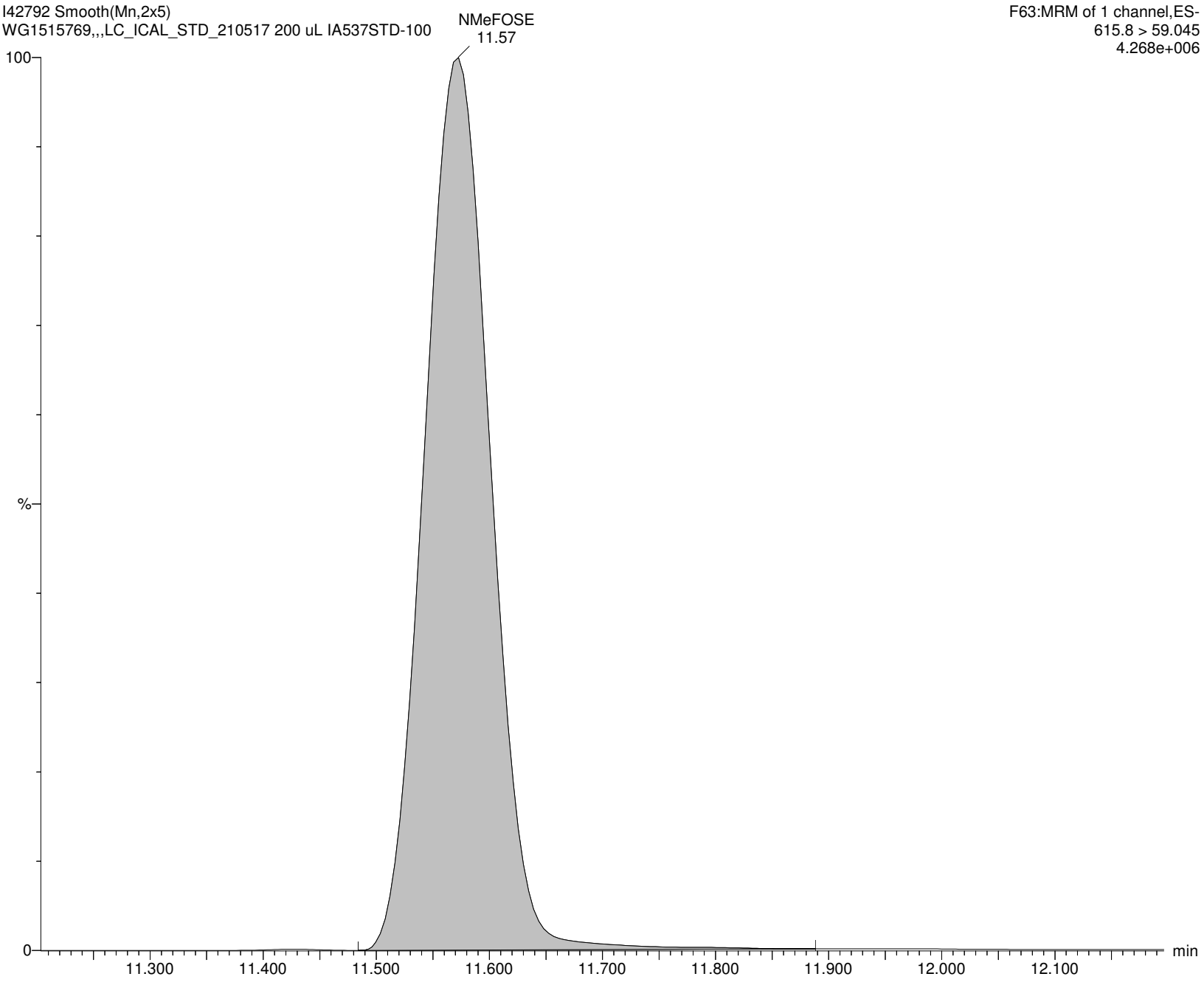


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSE

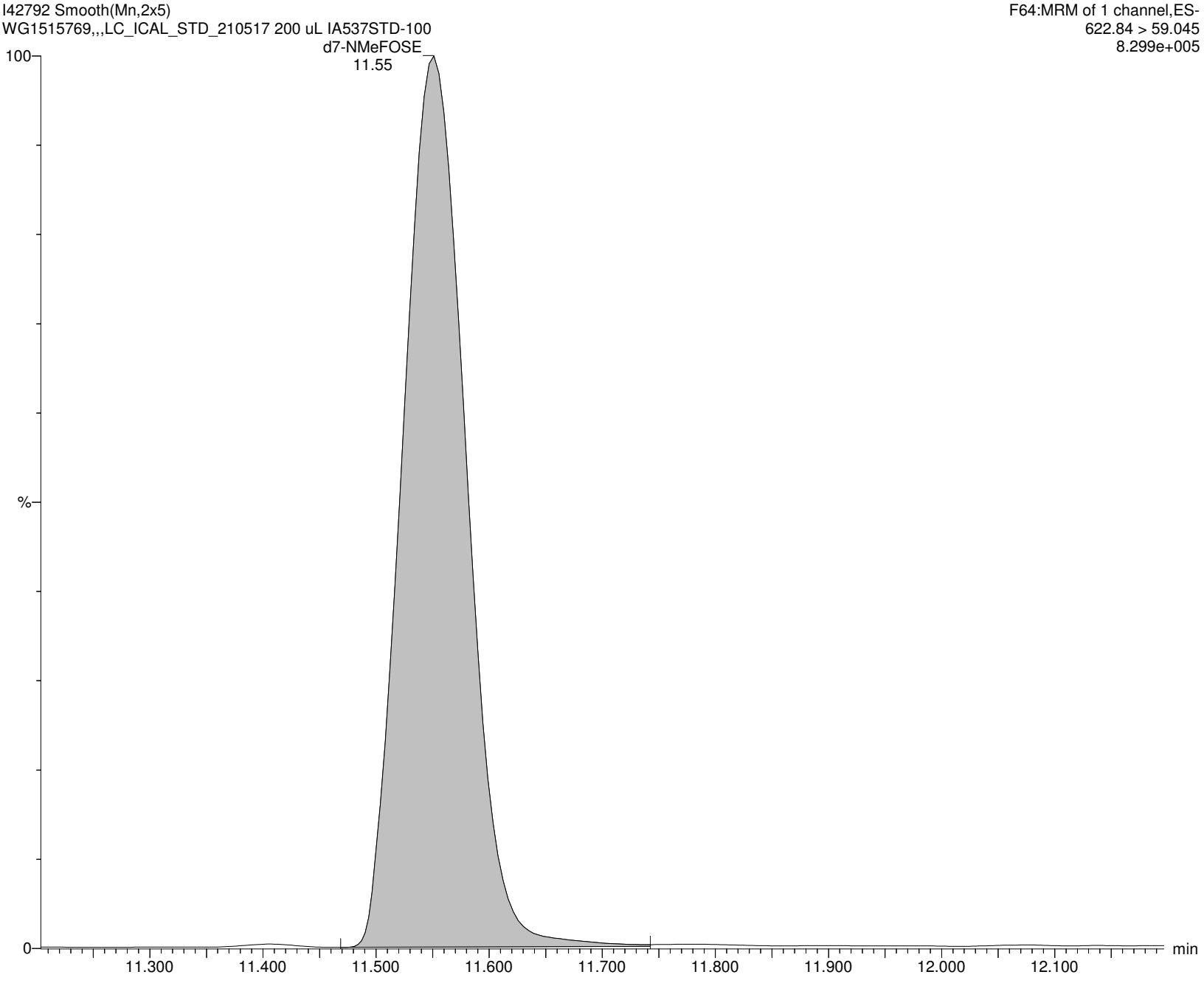


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d7-NMeFOSE

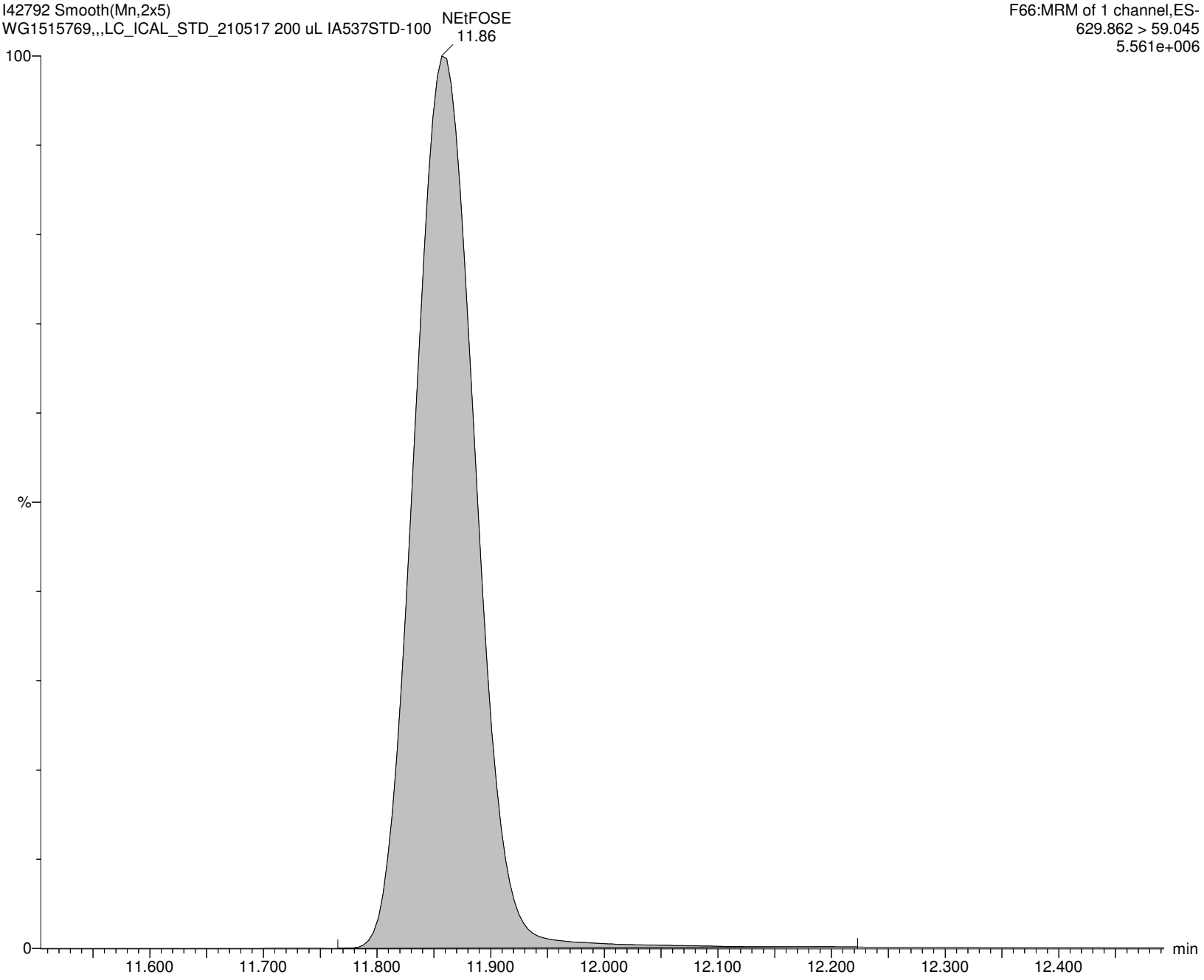


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSE

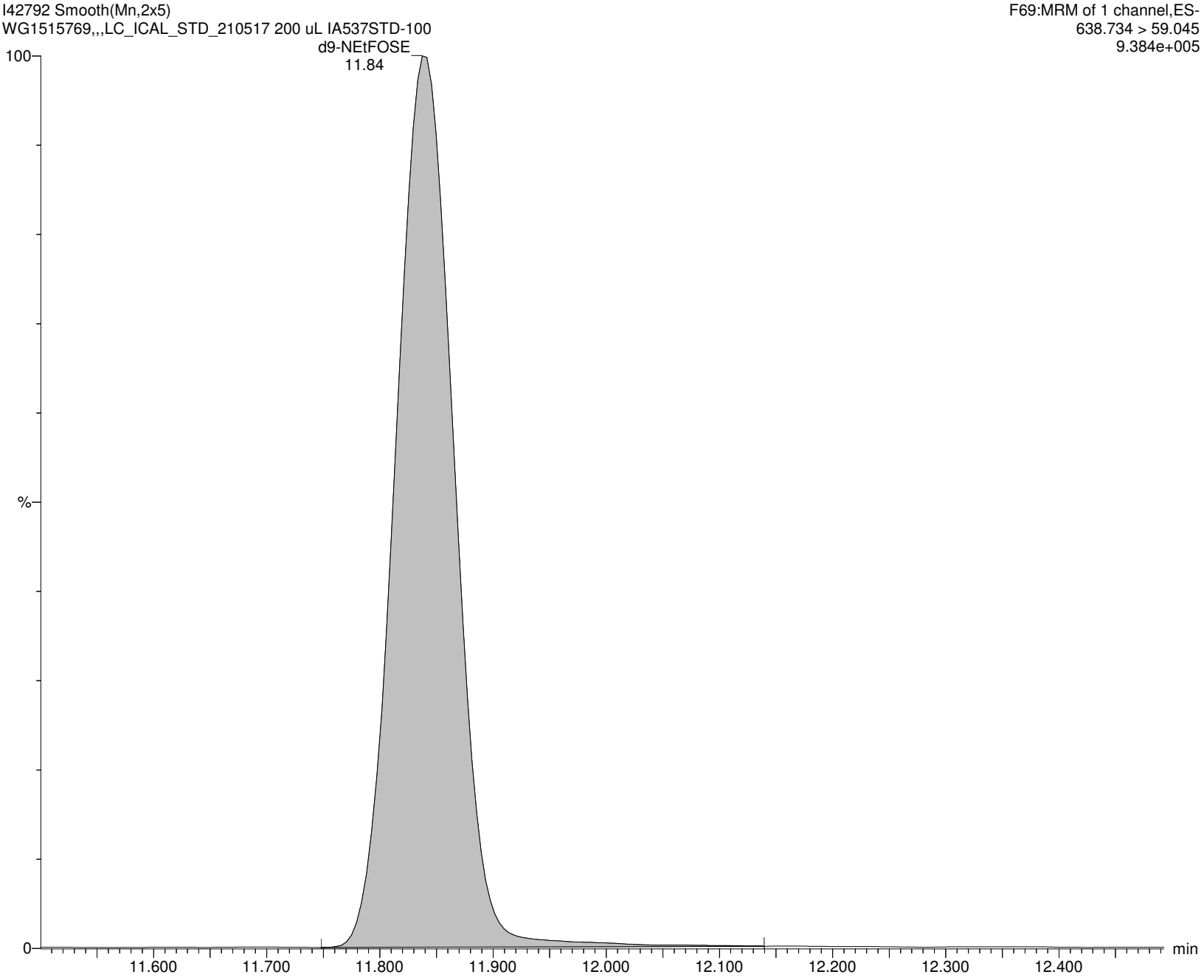


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d9-NEtFOSE

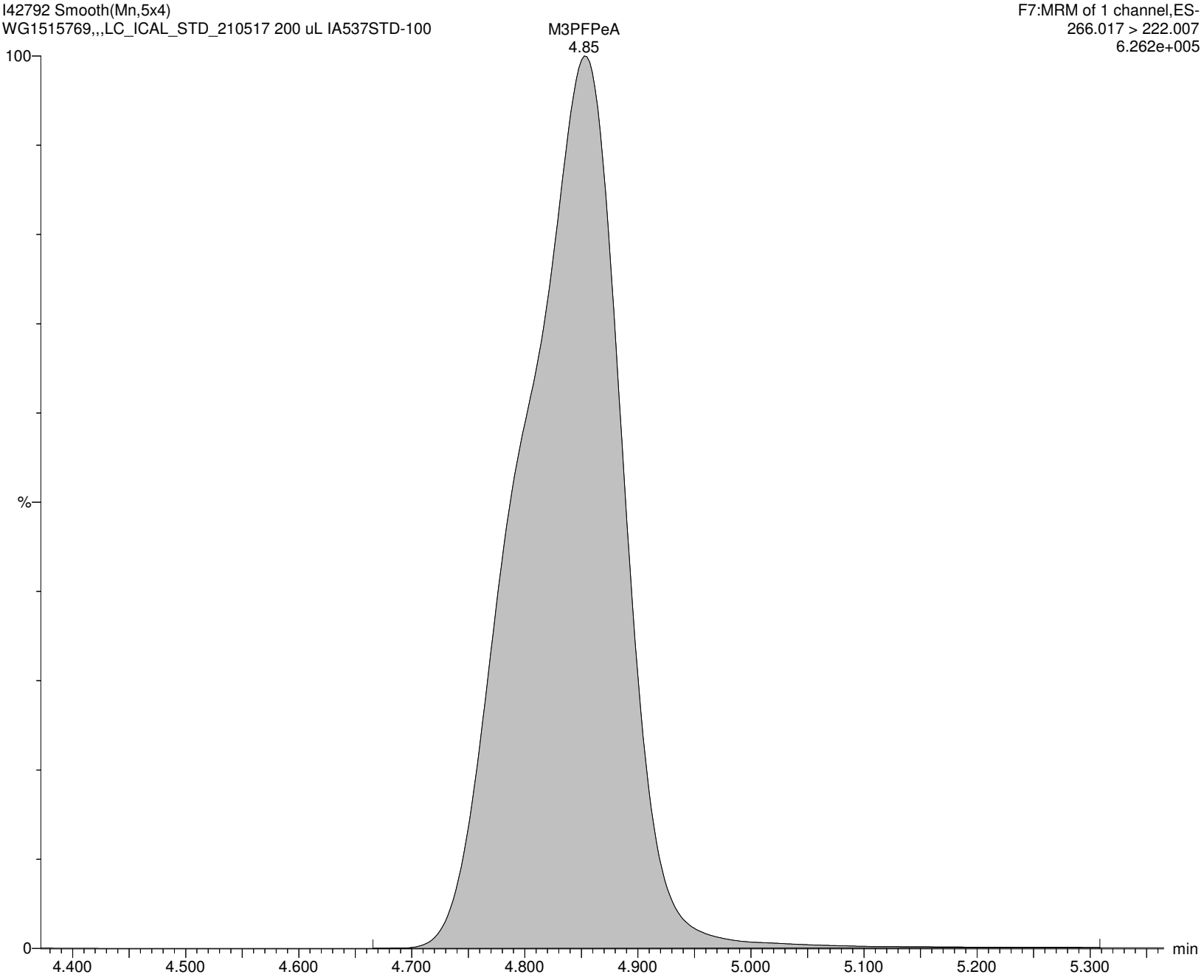


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFPeA

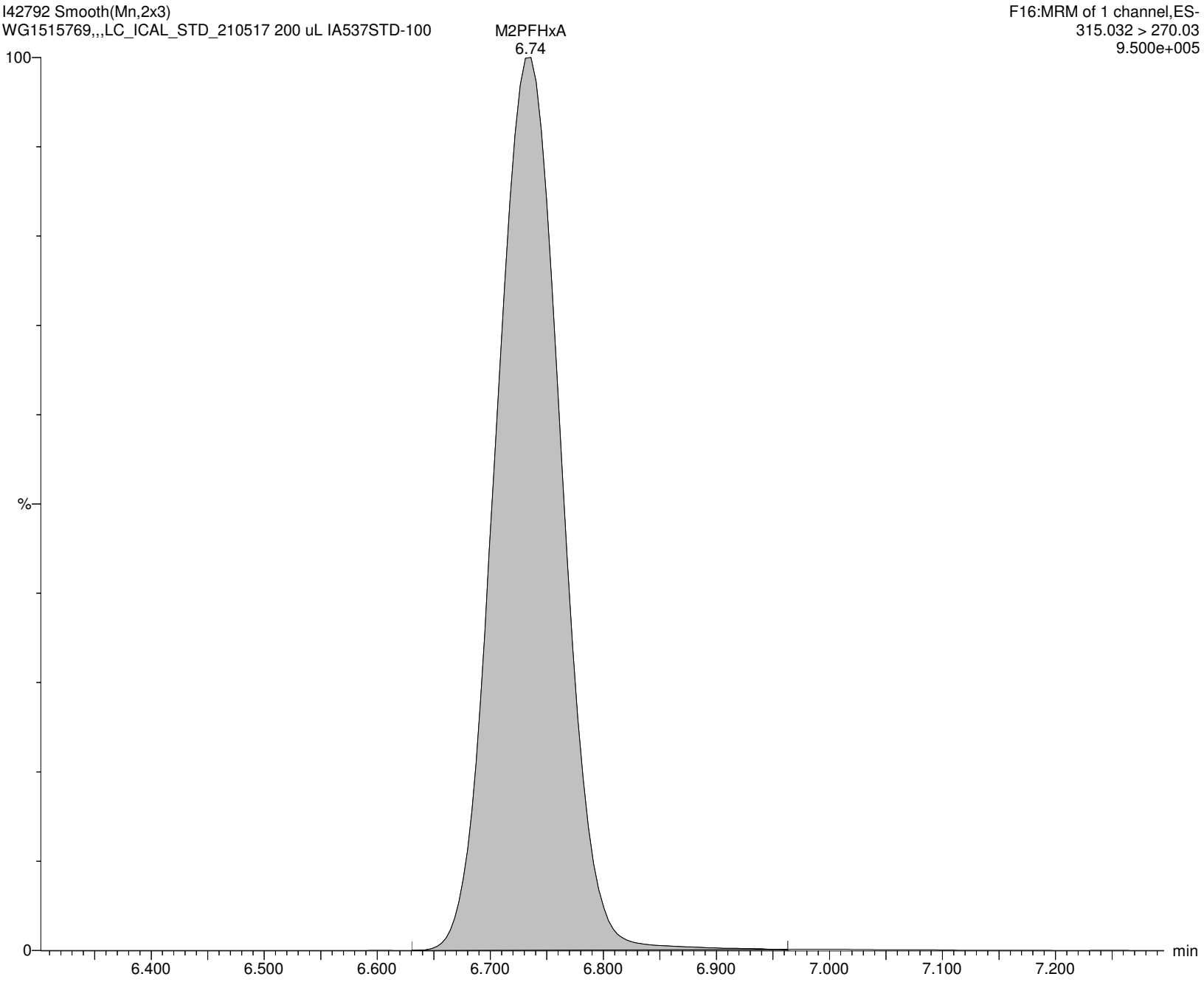


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFHxA

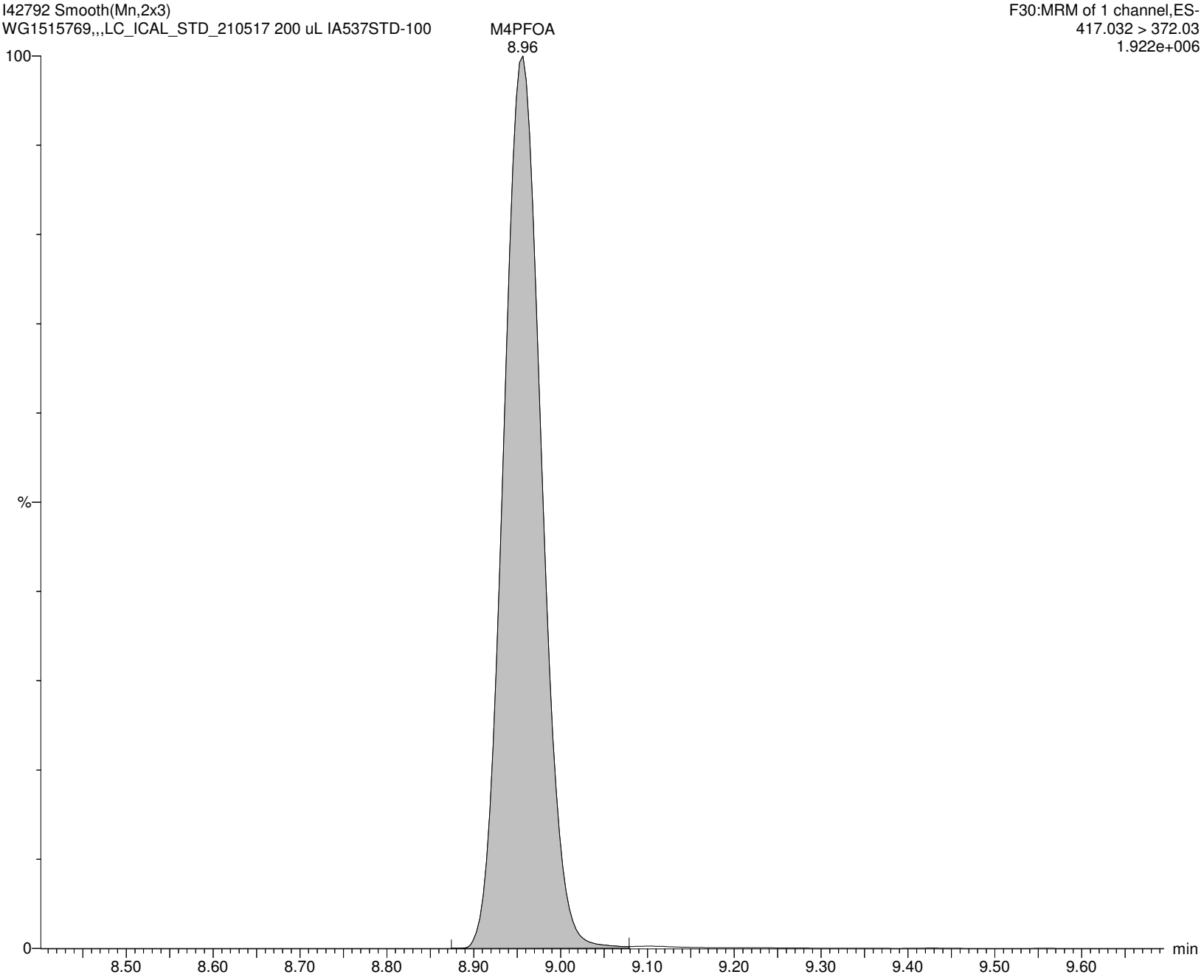


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOA

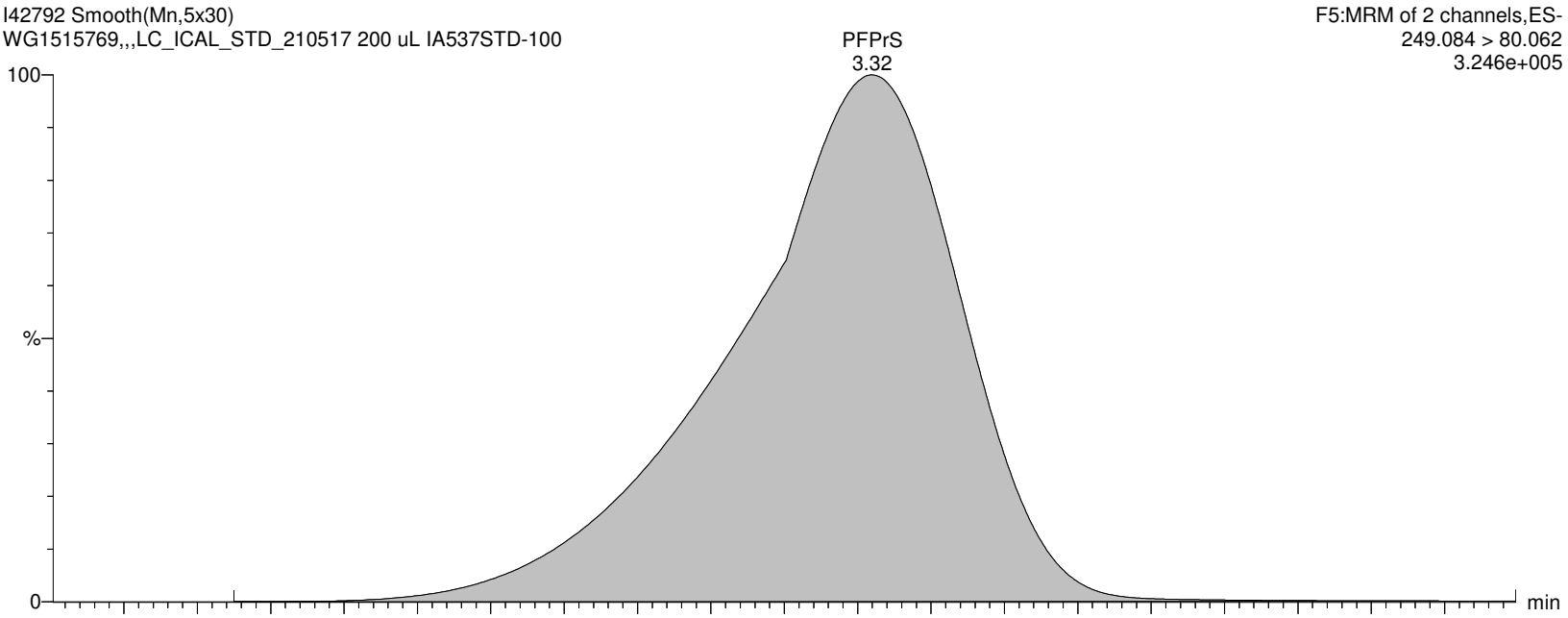


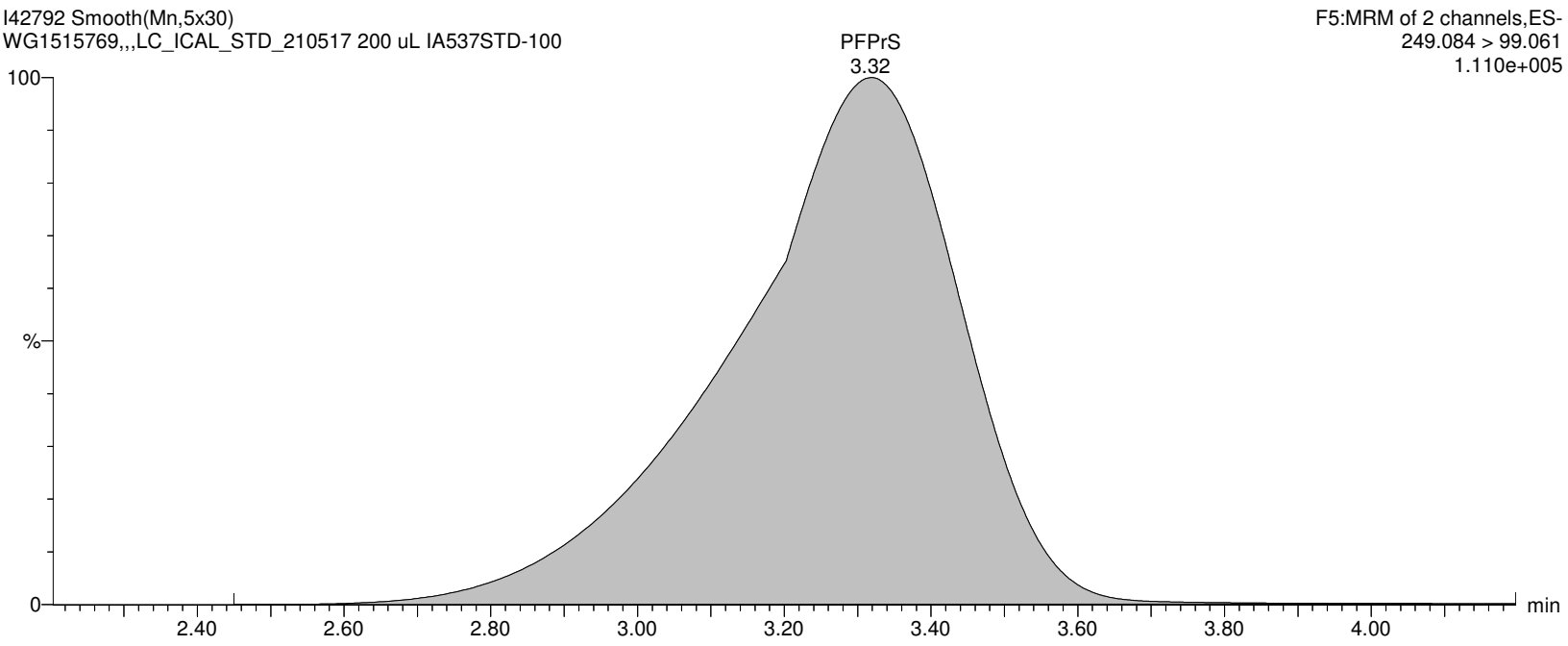
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPrS



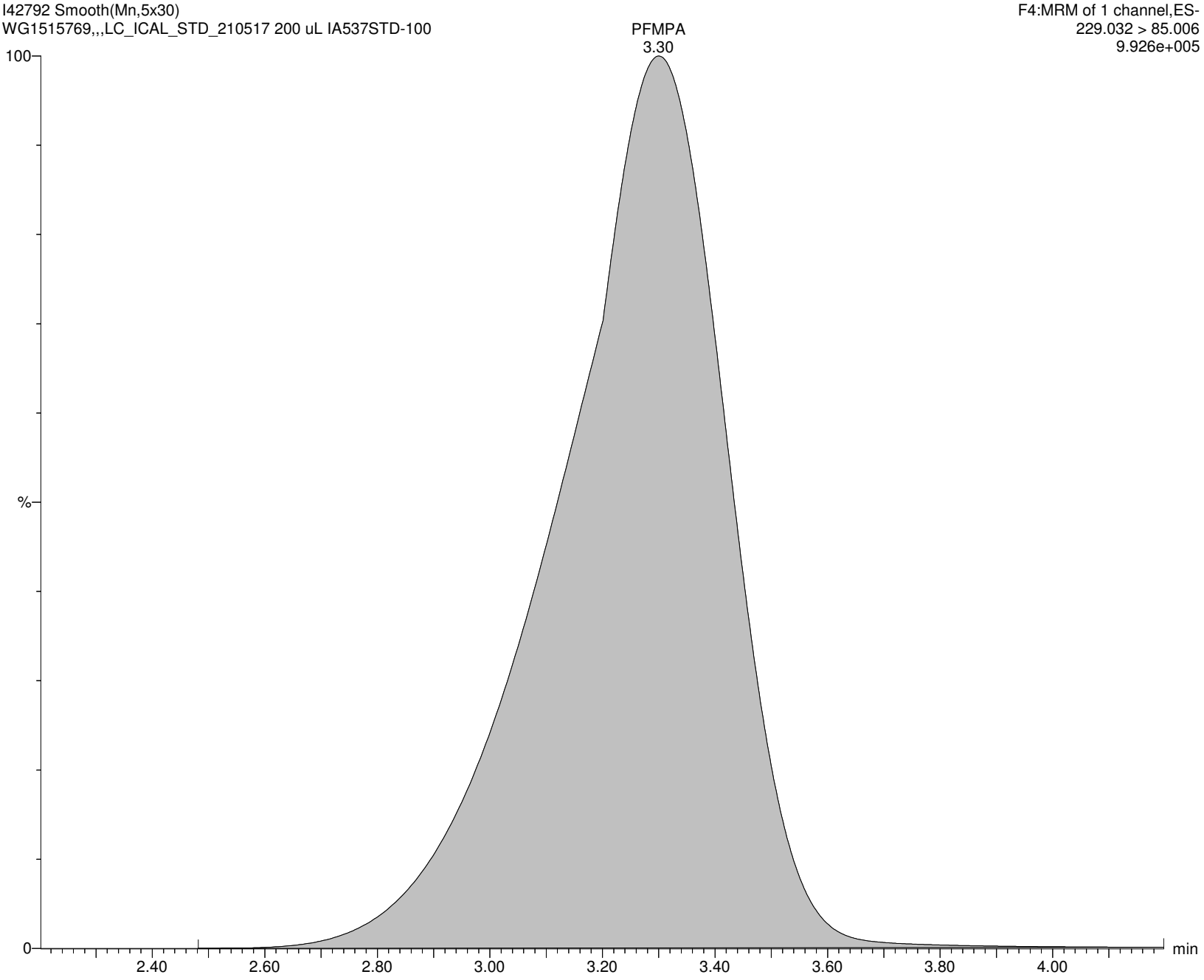


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFMPA

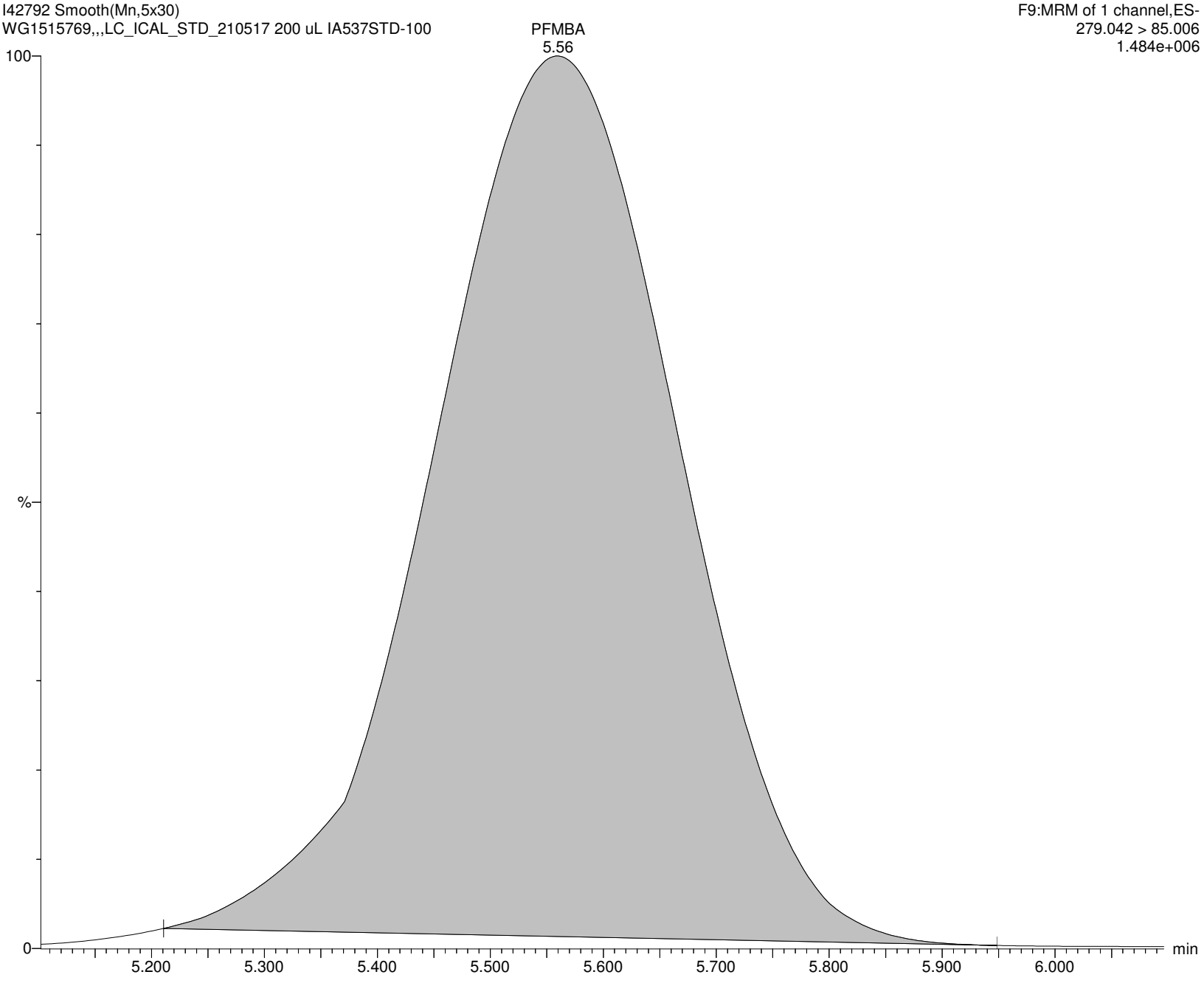


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFMBA

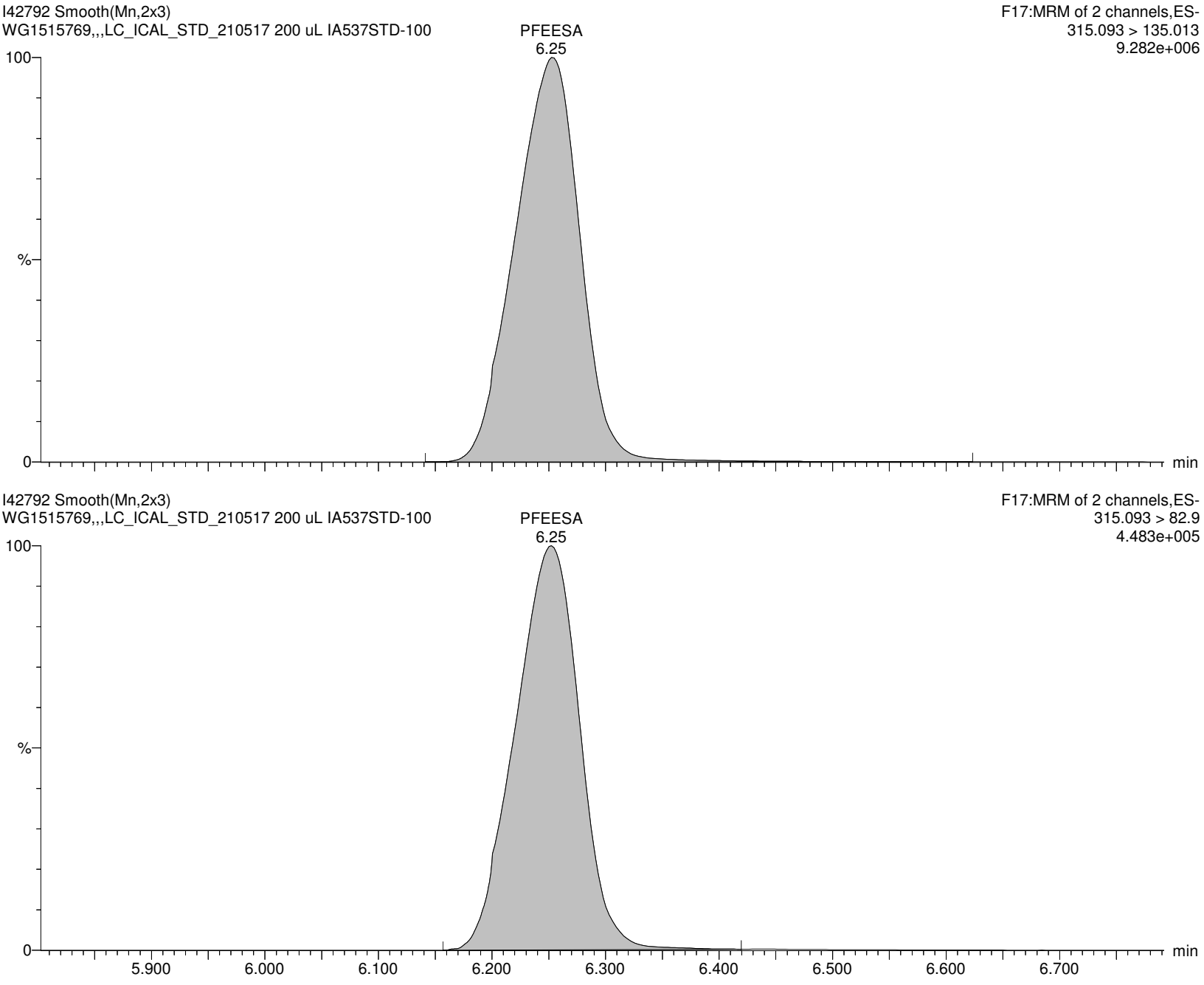


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFEESA

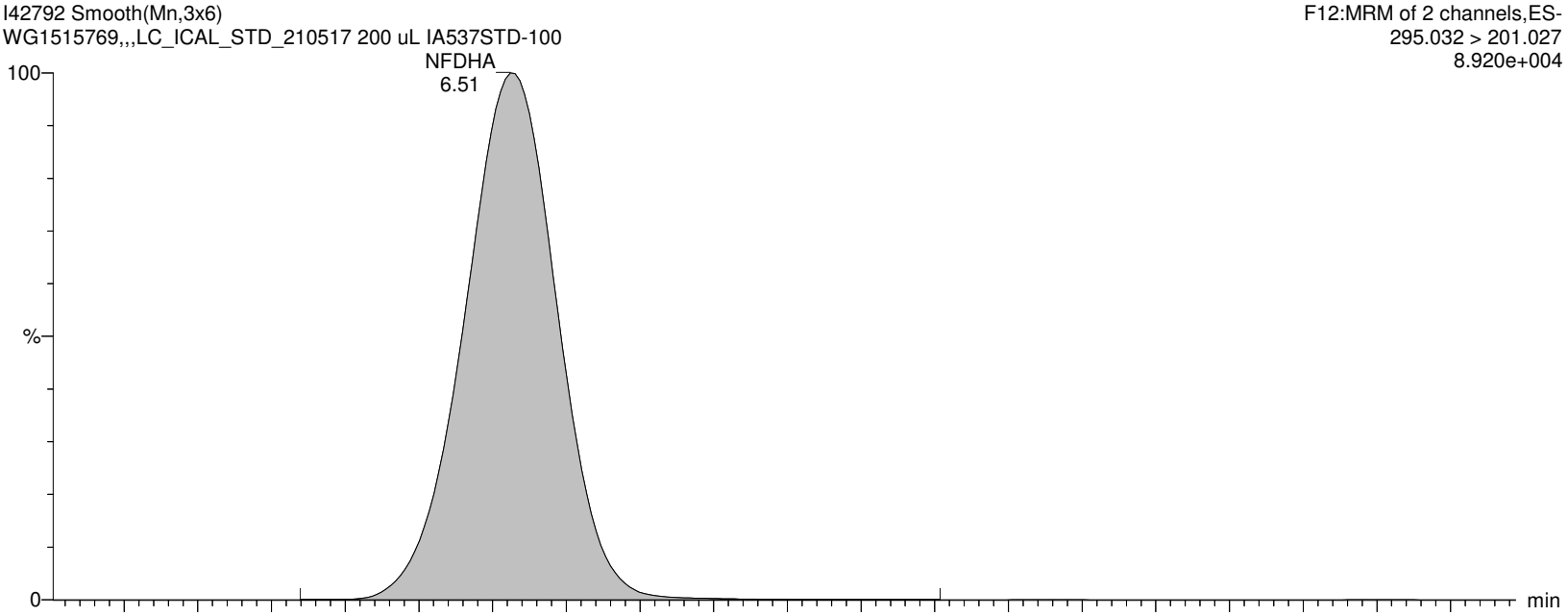


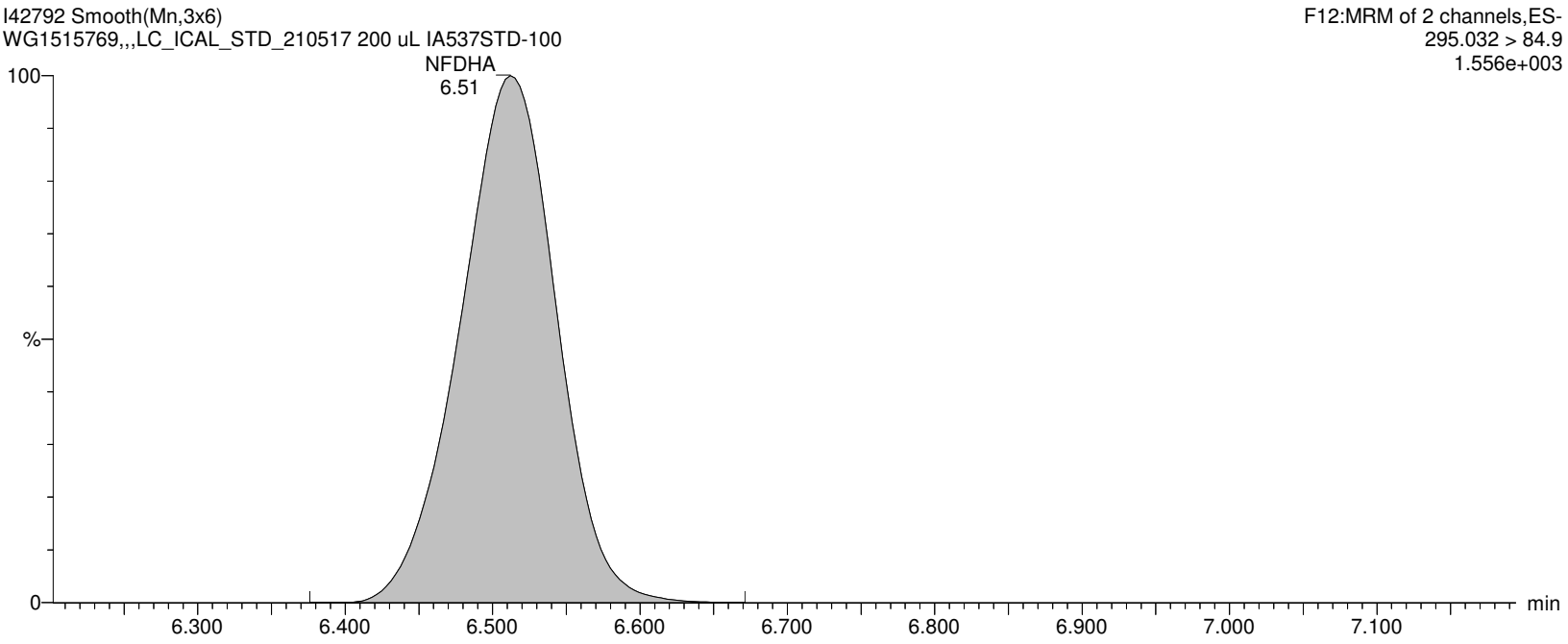
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:43:58 Eastern Daylight Time

Name: I42792
ID: IA537STD-100
Date: 25-Jun-2021
Time: 20:16:21
Description: WG1515769,,,LC_ICAL_STD_210517 200 uL
User: LCMS02:RS
Vial: 1:D,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NFDHA





all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\MethDB\537ISO_Q_210625_TOP_RT.mdb 22 Jun 2021 09:28:25
Calibration: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

ID: IA537STD-250
Name: I42793
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	1.97	213.032 > 169.022	1129428		261.148		na	104.5
2	M3PFBA	INT STD	1.97	216.009 > 171.999	46961		8.945		na	89.5
3	MPFBA	INT STD	1.97	217.001 > 171.999	48597		9.624		na	96.2
4	PFPeA	2706-90-3	4.84	263.039 > 219.03	1223624		260.948		na	104.4
5	M5PFPEA	INT STD	4.85	268.001 > 222.999	49834		8.994		na	89.9
6	PFBS	375-73-5	5.51	299.092 > 80.062	232379		230.748	1.92	NO	104.3
7	M3PFBS	INT STD	5.51	302.069 > 80.062	9270		10.499		na	105.0
8	4:2FTS	757124-72-4	6.66	327.146 > 307.139	99728		ND	2.55	NO	
9	M2-4:2FTS	INT STD	6.66	329.13 > 309.124	9132		25.813		na	258.1
10	PFHxA	307-24-4	6.73	313.047 > 269.037	1359091		262.649	16.04	NO	105.1
11	M5PFHxA	INT STD	6.73	318.009 > 273.007	48768		9.742		na	97.4
12	PFPeS	2706-91-4	7.06	349.1 > 80.062	242835		235.713	2.29	NO	100.3
13	PFHpA	375-85-9	8.02	363.055 > 319.045	1849843		262.162	5.51	NO	104.9
14	M4PFHpA	INT STD	8.01	367.025 > 322.022	69738		9.344		na	93.4
15	br-PFHxS	355-46-4	7.95	399.107 > 80.062	58257	M5,M7	42.588	2.18	NO	100.2
16	L-PFHxS	355-46-4	8.18	399.107 > 80.062	195719		195.344	1.62	NO	105.6
17	PFHxS	355-46-4		399.107 > 80.062	253976		237.932		na	
18	M3PFHxS	INT STD	8.18	402.084 > 80.062	9183		9.171		na	91.7
19	br-PFOA	335-67-1		413.063 > 369.053			ND		YES	
20	L-PFOA	335-67-1	8.96	413.063 > 369.053	1987290		260.595	8.86	NO	104.2
21	PFOA	335-67-1		413.063 > 369.053	1987290		260.595		na	
22	M8PFOA	INT STD	8.96	421.002 > 376.	79135		9.521		na	95.2
23	M2PFOA	INT STD	8.96	415.048 > 370.045	81871		7.730		na	77.3
24	6:2FTS	27619-97-2	8.92	427.161 > 407.155	93903		ND	3.75	NO	
25	M2-6:2FTS	INT STD	8.92	429.146 > 409.14	8563		23.575		na	235.7
26	PFHpS	375-92-8	9.06	449.115 > 80.062	151962		243.712	1.09	NO	102.6
27	PFNA	375-95-1	9.72	463.071 > 419.061	1399159		260.450	3.76	NO	104.2
28	M9PFNA	INT STD	9.72	472.002 > 427.	21506		9.008		na	90.1
29	br-PFOS	1763-23-1	9.59	499.123 > 80.062	73906	M5,M7	50.097	4.39	NO	100.2
30	L-PFOS	1763-23-1	9.77	499.123 > 80.062	165170		182.960	1.78	NO	100.3
31	PFOS	1763-23-1		499.123 > 80.062	239076		233.057		na	
32	M4PFOS	INT STD	9.78	503.093 > 80.062	8002		7.070		na	70.7
33	M8PFOS	INT STD	9.77	507.062 > 80.062	8703		9.706		na	97.1
34	PFDA	335-76-2	10.34	513.078 > 469.069	1160781		265.995	5.52	NO	106.4
35	M2PFDA	INT STD	10.34	515.053 > 469.934	43200		7.082		na	70.8
36	M6PFDA	INT STD	10.34	519.033 > 474.03	43854		8.944		na	89.4
37	8:2FTS	39108-34-4	10.32	527.177 > 507.171	35877		ND	4.68	NO	
38	M2-8:2FTS	INT STD	10.33	529.162 > 509.155	5271		19.740		na	197.4
39	PFNS	68259-12-1	10.37	549.131 > 80.062	163817		243.651	1.45	NO	101.5

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

ID: IA537STD-250
Name: I42793
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.75	573.22 > 419.061	5802		12.553		na	125.5
41	br-NMeFOSAA		10.60	570.202 > 419.061	16379	M5,M7	60.058	1.22	NO	100.1
42	L-NMeFOSAA		10.76	570.202 > 419.061	122471		193.773	2.43	NO	102.0
43	NMeFOSAA	2355-31-9		570.202 > 419.061	138850		253.832		na	
44	PFUnA	2058-94-8	10.87	563.086 > 519.076	1009107		263.082	9.59	NO	105.2
45	M7-PFUDA	INT STD	10.87	570.033 > 525.031	38026		8.316		na	83.2
46	PFDS	335-77-3	10.90	599.139 > 80.062	177675		245.927	1.70	NO	101.9
47	FOSA	754-91-6	10.94	498.146 > 78.07	599007		262.142	120.76	NO	104.9
48	M8FOSA	INT STD	10.94	506.077 > 78.07	26690		10.054		na	100.5
49	br-NEtFOSAA		10.92	584.229 > 419.061	9468	M5,M7	56.294	0.63	NO	100.1
50	L-NEtFOSAA		11.06	584.229 > 419.061	91838		202.188	1.18	NO	104.4
51	NEtFOSAA	2991-50-6		584.229 > 419.061	101306		258.482		na	
52	d5-NEtFOSAA	INT STD	11.05	589.259 > 419.061	4604		12.056		na	120.6
53	PFDoA	307-55-1	11.34	613.094 > 569.084	1206442		259.319	18.40	NO	103.7
54	MPFDOA	INT STD	11.34	615.079 > 570.077	44304		10.042		na	100.4
55	PFTrDA	72629-94-8	11.75	663.102 > 619.092	839587		247.049	11.06	NO	98.8
56	PFTA	376-06-7	12.11	713.11 > 669.1	750971		262.016	9.24	NO	104.8
57	M2PFTEDA	INT STD	12.11	715.094 > 670.092	14721		10.638		na	106.4
58	M3HFPO-DA	INT STD	7.16	287.02 > 169.022	3012		130.010		na	65.0
59	HFPO-DA	13252-13-6	7.16	285.035 > 169.022	37733		2580.692	0.77	YES	103.2
60	ADONA	958445-44-8	8.20	377.06 > 251.028	1531728		243.737	40.26	NO	103.0
61	PFHxDA		12.63	813.122 > 769.116	353563		259.681	21.50	NO	103.9
62	PFODA		12.86	913.411 > 869.131	43996	M4	263.930	21.46	NO	105.6
63	M2PFHxDA		12.63	815.102 > 770.108	20593		10.160		na	101.6
64	PFDoS		11.75	699.154 > 80.062	118863	M4,M7	251.882	2.22	NO	100.8
65	M2D4-10:2FTS		11.35	633.201 > 612.189	2467	M4	17.452		na	88.3
66	10:2FTS		11.36	627.192 > 607.186	36972	M2,M7	255.088	2.09	NO	105.8
67	9CL-PF3ONS		10.12	530.862 > 350.843	864989		246.906	2.67	NO	106.0
68	11CL-PFOUdS		11.15	630.862 > 450.854	807891		249.062	3.01	NO	105.8
69	NMeFOSA		11.57	512.163 > 169.022	551148		1264.588	1.66	NO	101.2
70	d3-NMeFOSA		11.56	515.183 > 169.022	53822		98.957		na	99.0
71	NEtFOSA		11.87	526.192 > 169.022	602755		1268.452	4.67	NO	101.5
72	d5-NEtFOSA		11.86	531.222 > 169.022	59915		99.233		na	99.2
73	NMeFOSE		11.57	615.8 > 59.045	516784		617.897		na	98.9
74	d7-NMeFOSE		11.54	622.84 > 59.045	38671		86.703		na	86.7
75	NEtFOSE		11.85	629.862 > 59.045	637641		624.967		na	100.0
76	d9-NEtFOSE		11.83	638.734 > 59.045	48992		108.775		na	108.8
77	M3PFPeA		4.85	266.017 > 222.007	54746		8.077		na	80.8
78	M2PFHxA		6.73	315.032 > 270.03	54021		7.828		na	78.3
79	M4PFOA		8.96	417.032 > 372.03	77961		7.332		na	73.3
80	PFPrS	423-41-6	3.32	249.084 > 80.062	274486		229.649	2.93	NO	100.3
81	PFMPA		3.30	229.032 > 85.006	800346		255.608		na	102.2
82	PFMBA		5.56	279.042 > 85.006	830936		257.935		na	103.2

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

ID: IA537STD-250
Name: I42793
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
83	PFEESA		6.25	315.093 > 135.013	1433685		223.067	20.85	NO	100.3
84	NFDHA		6.51	295.032 > 201.027	9293		181.150	36.70	NO	72.5

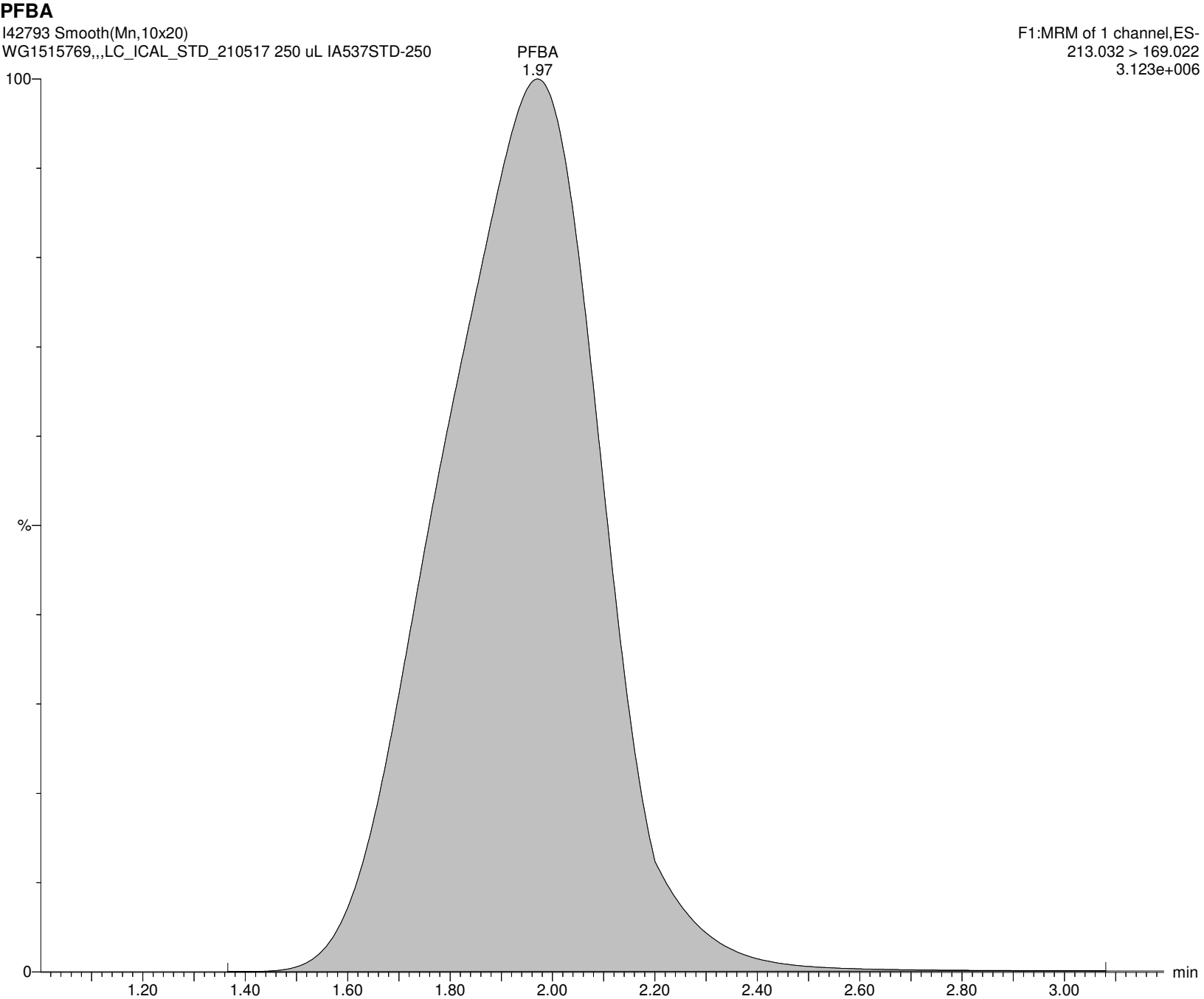
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\MethDB\537ISO_Q_210625_TOP_RT.mdb 22 Jun 2021 09:28:25
Calibration: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBA

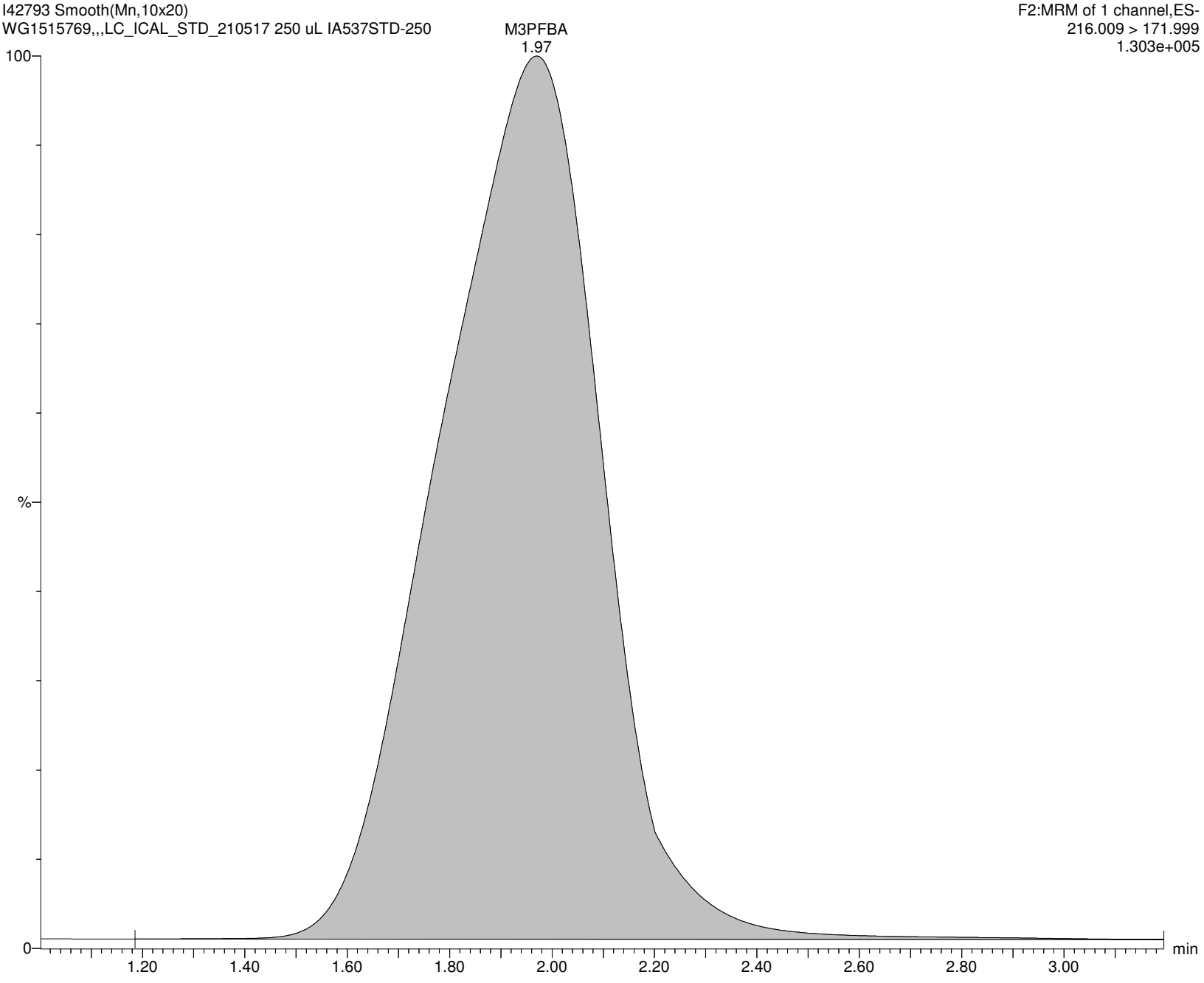


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBA

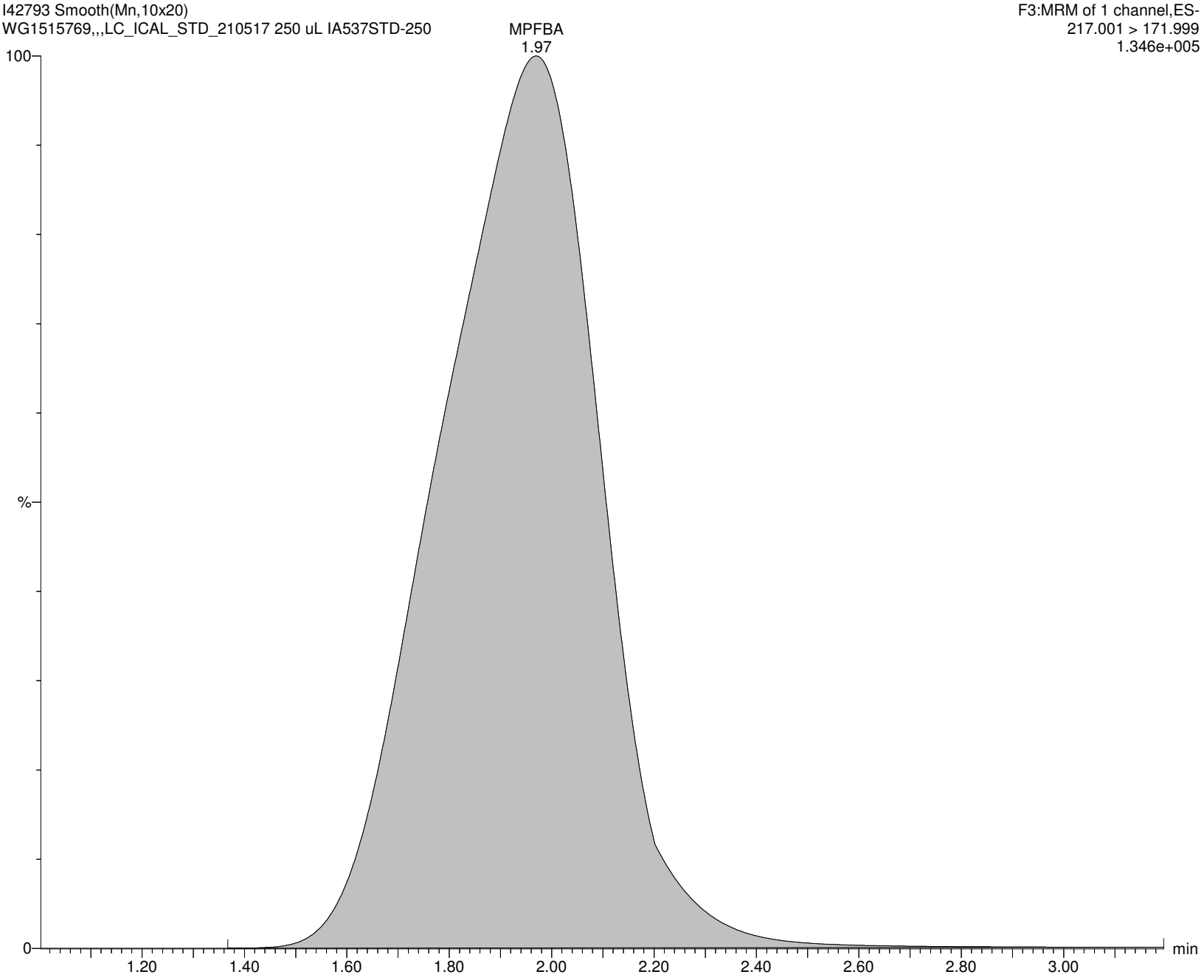


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFBA

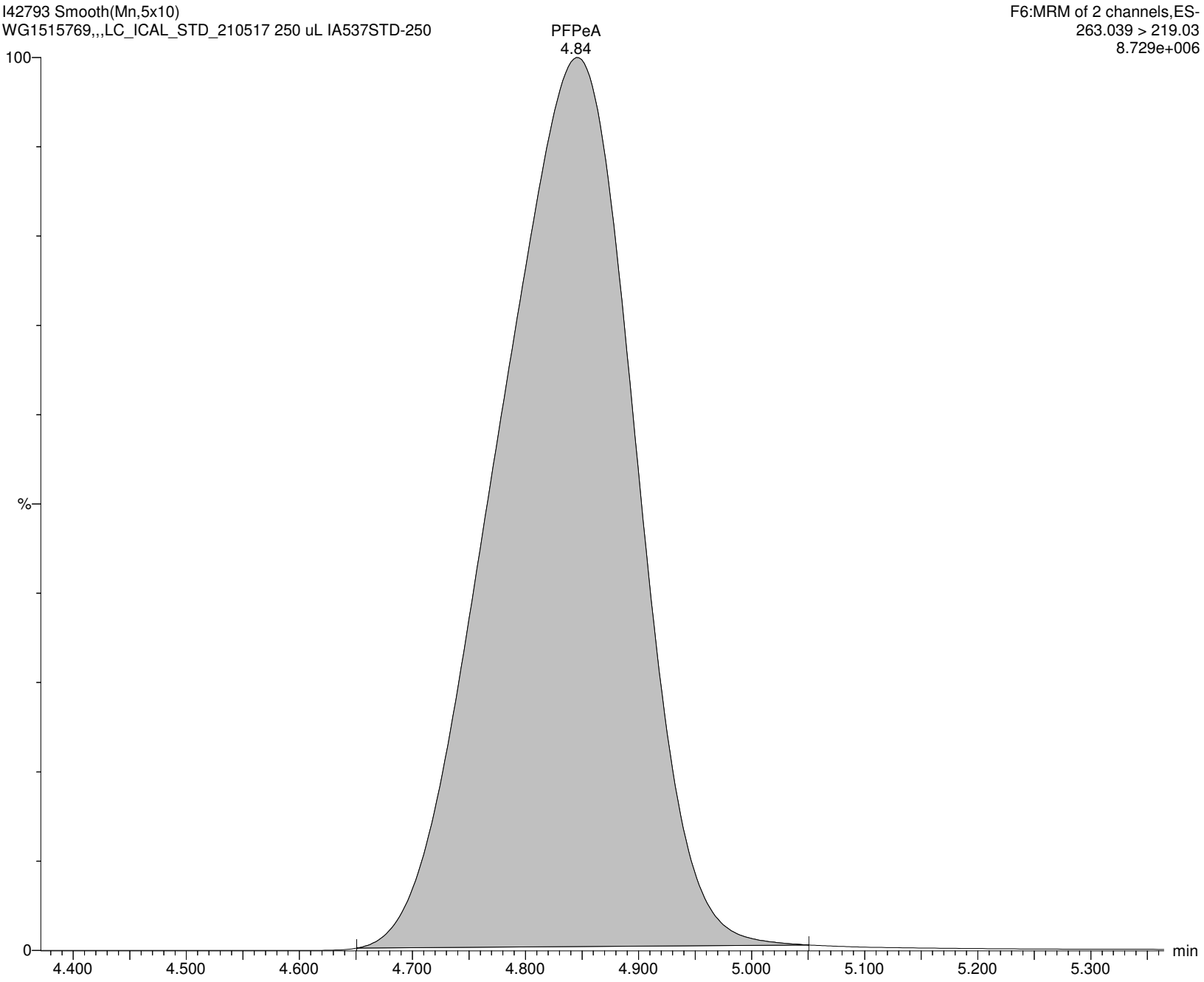


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeA

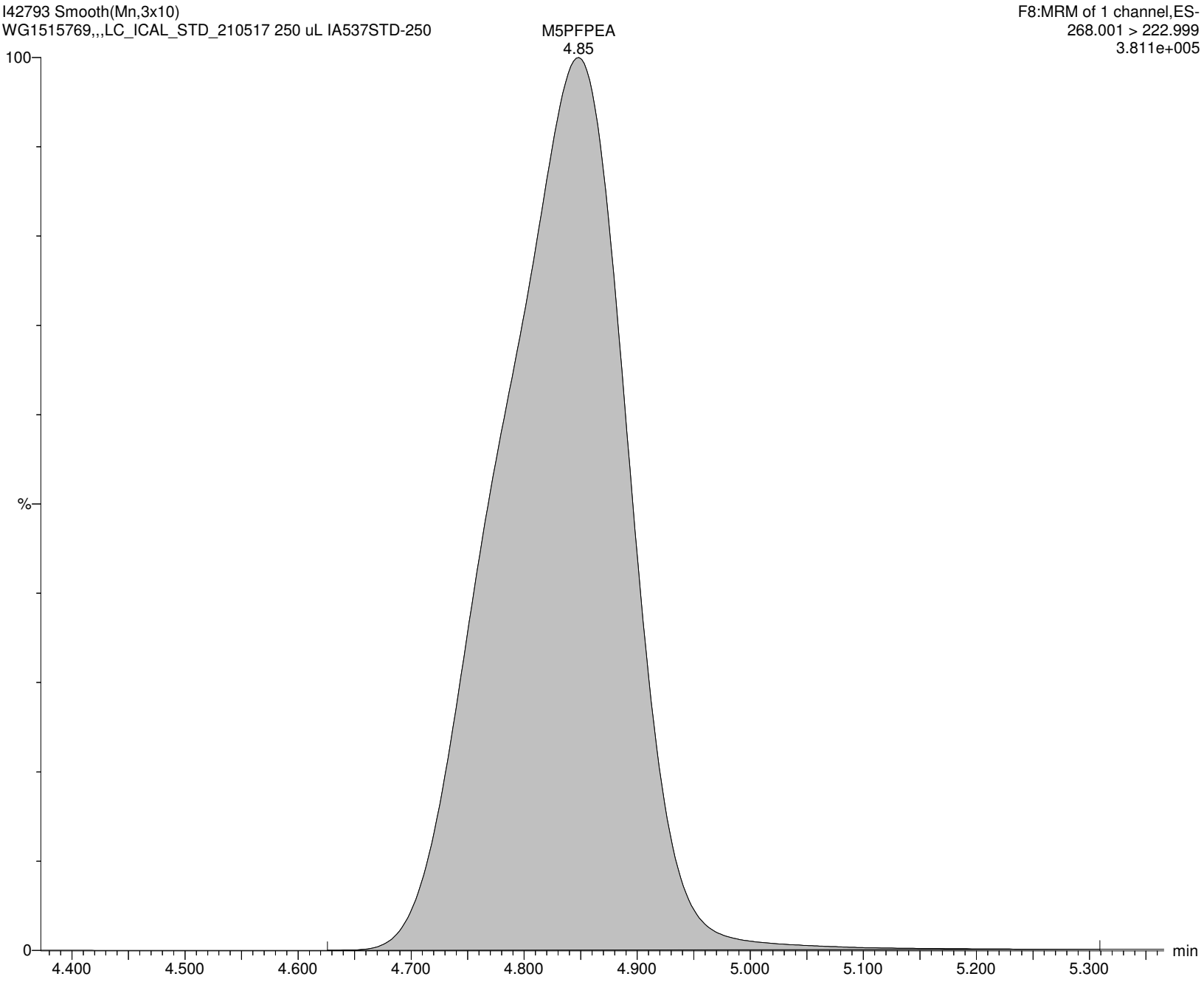


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFPEA

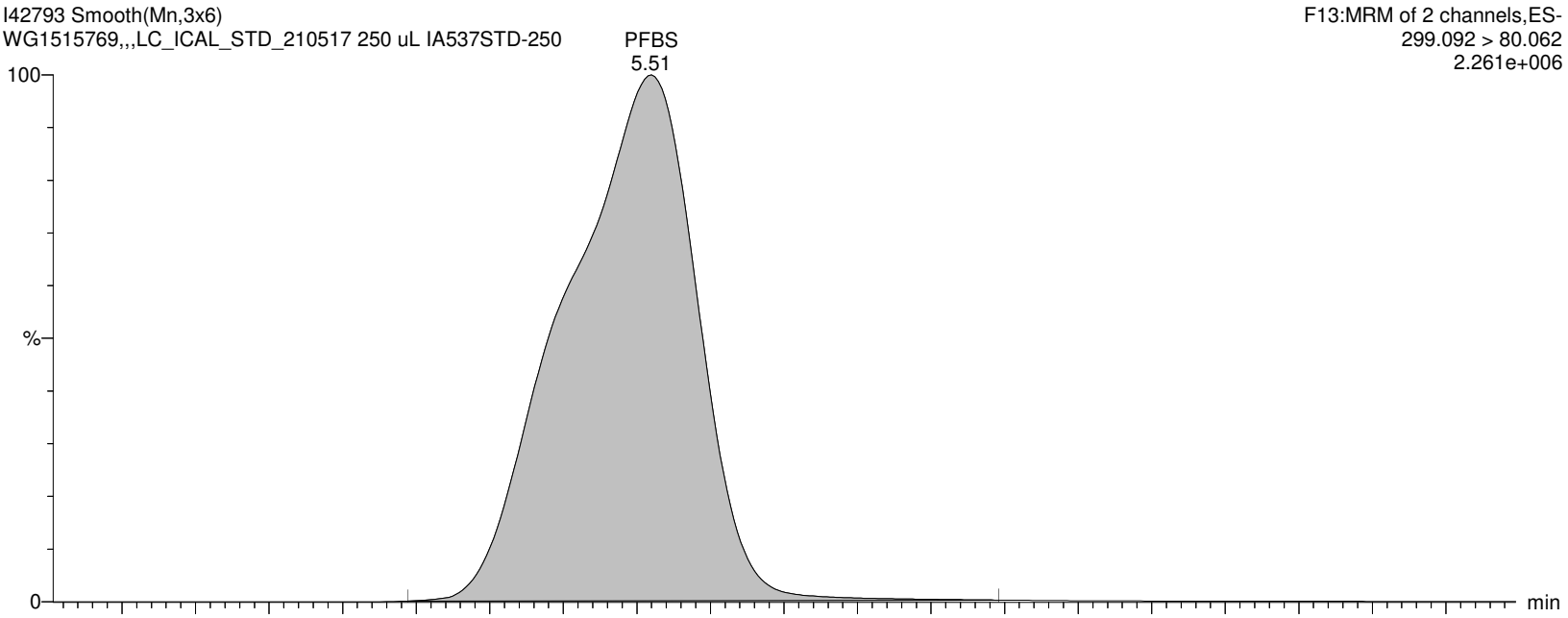


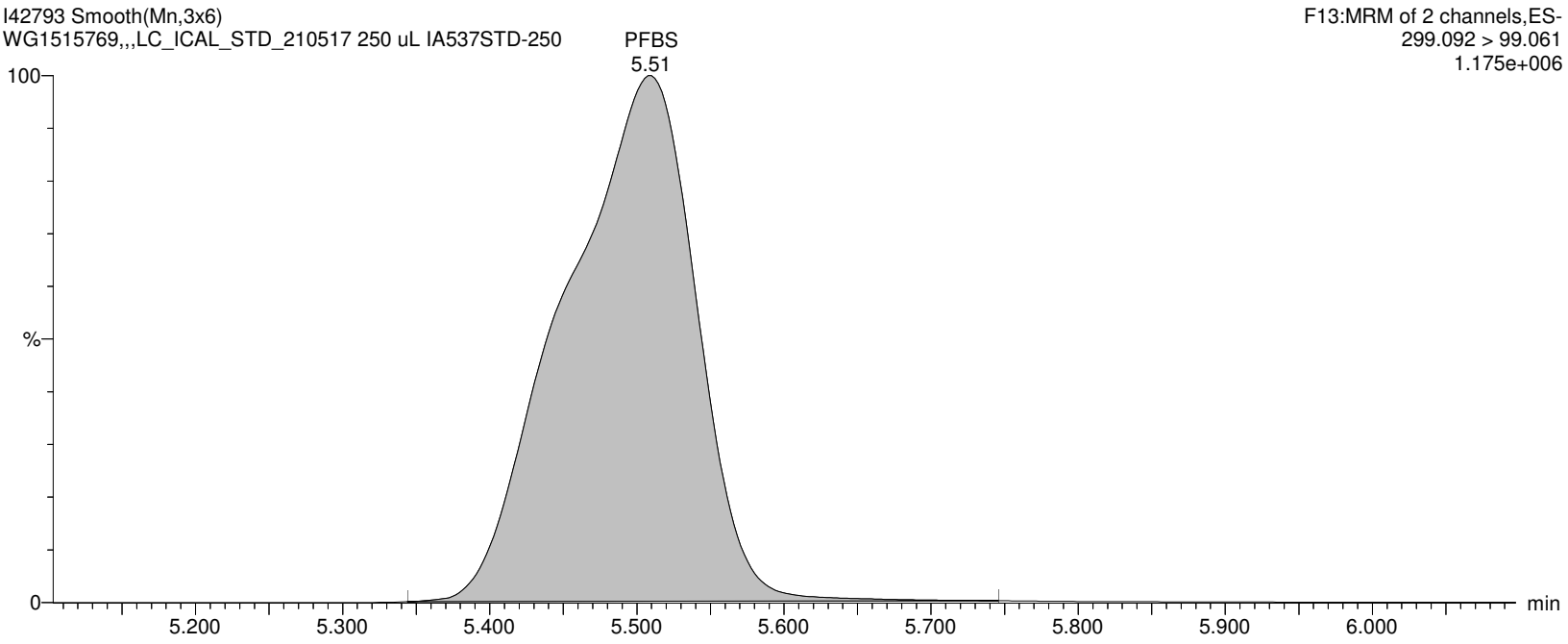
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBS



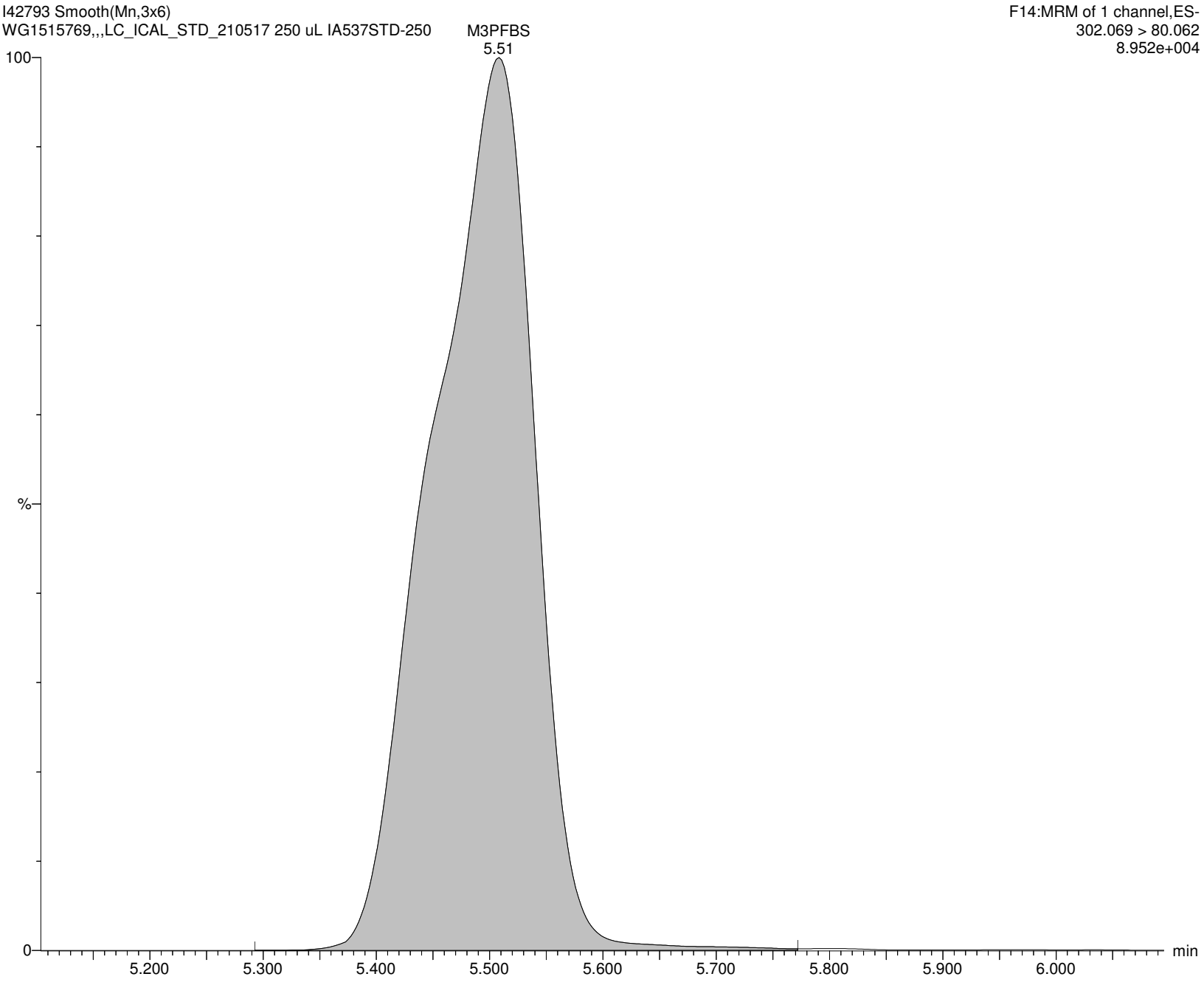


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBS

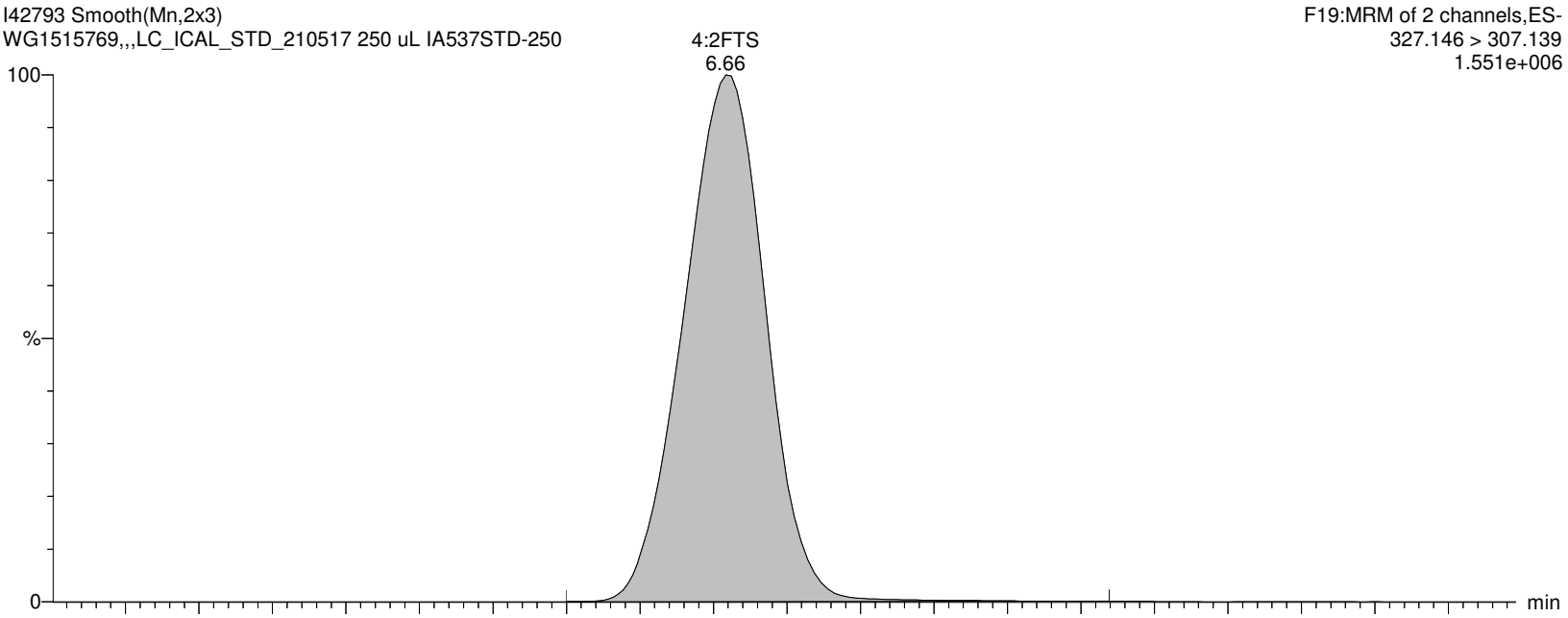


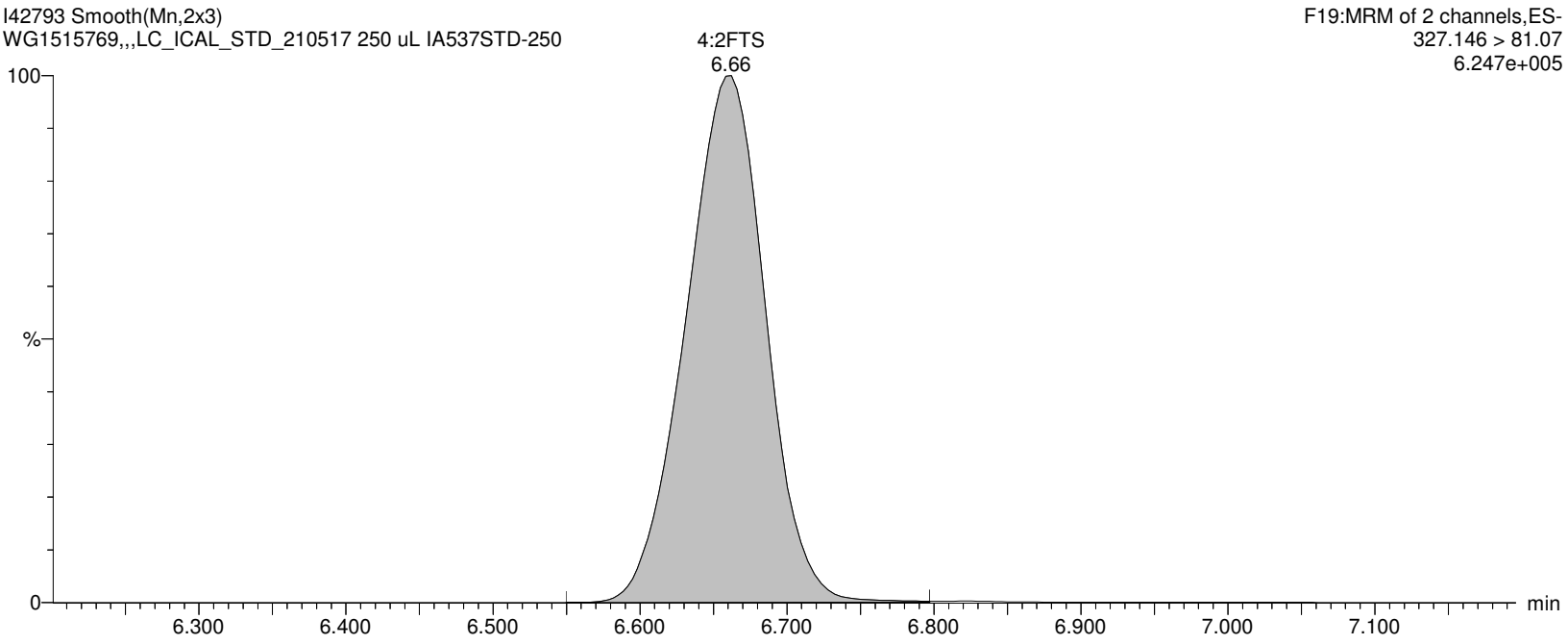
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

4:2FTS



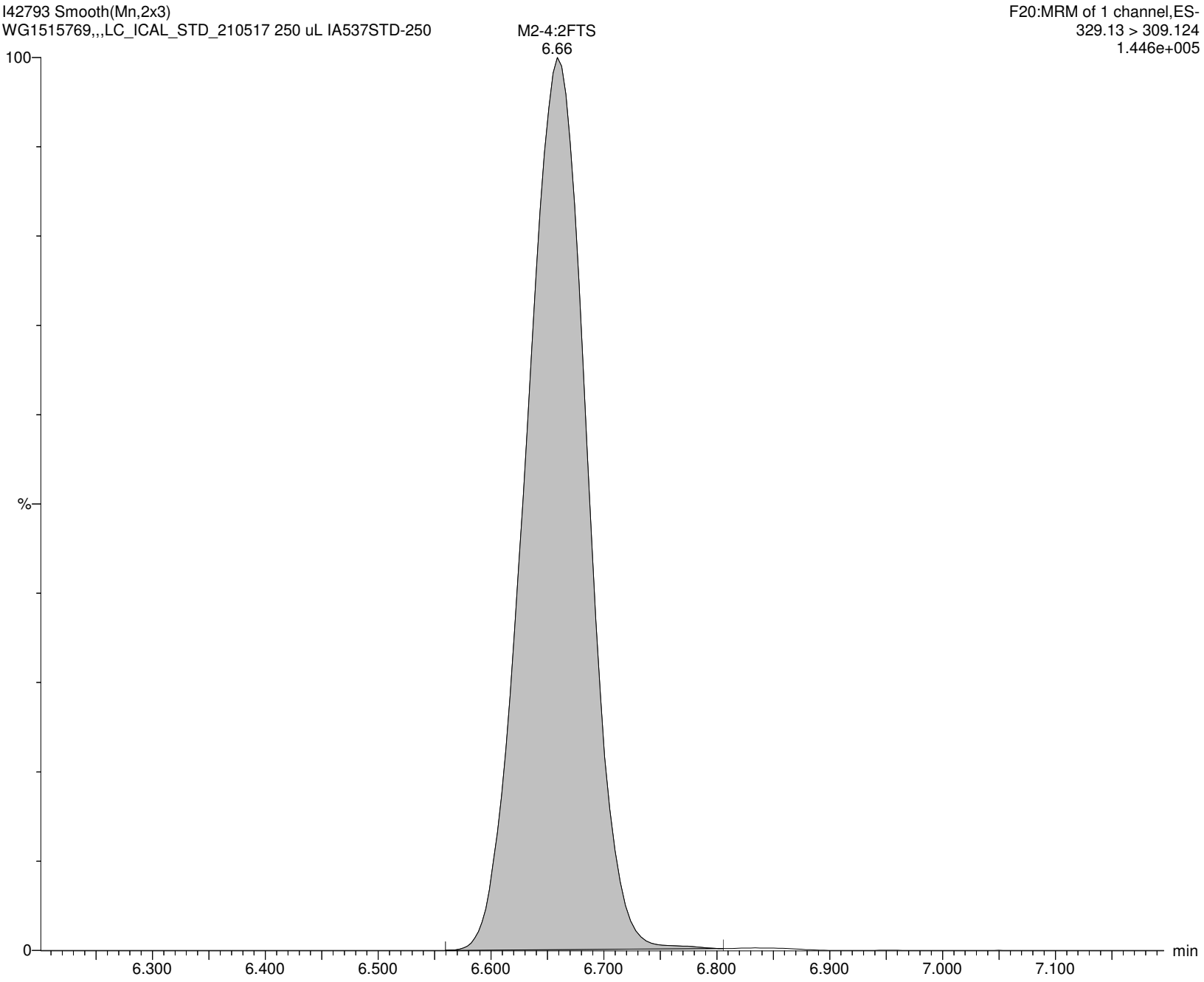


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-4:2FTS

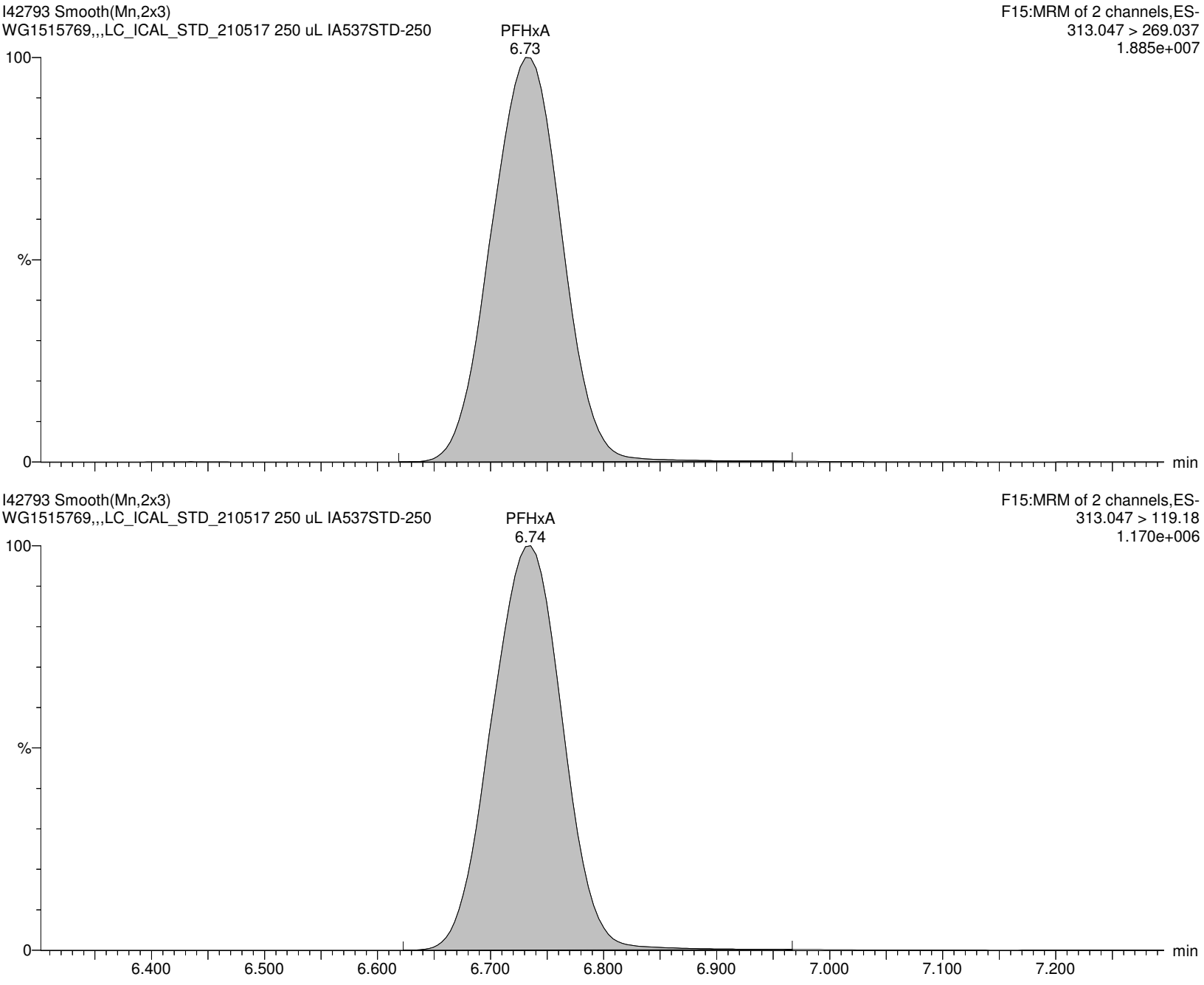


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxA

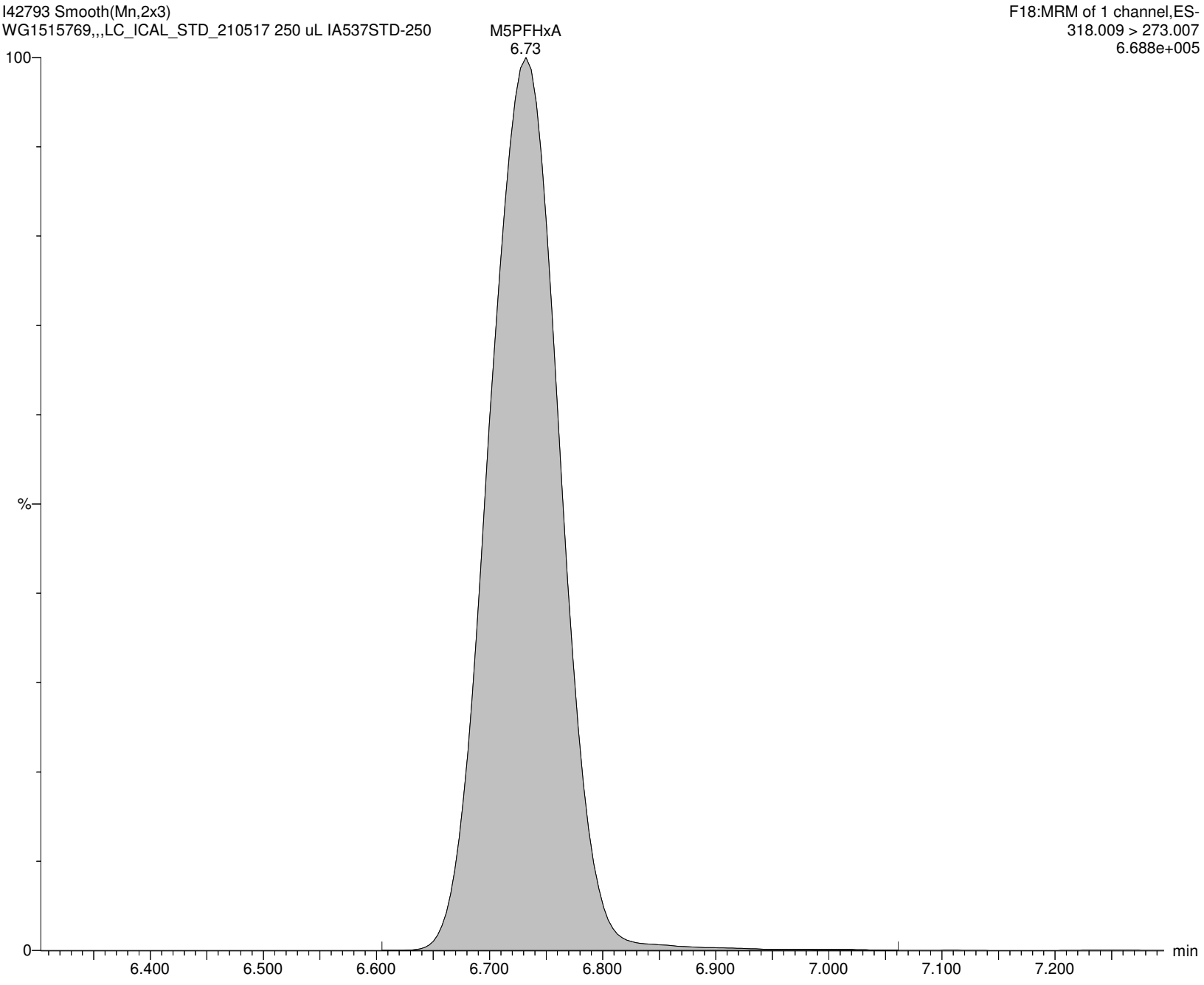


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFHxA

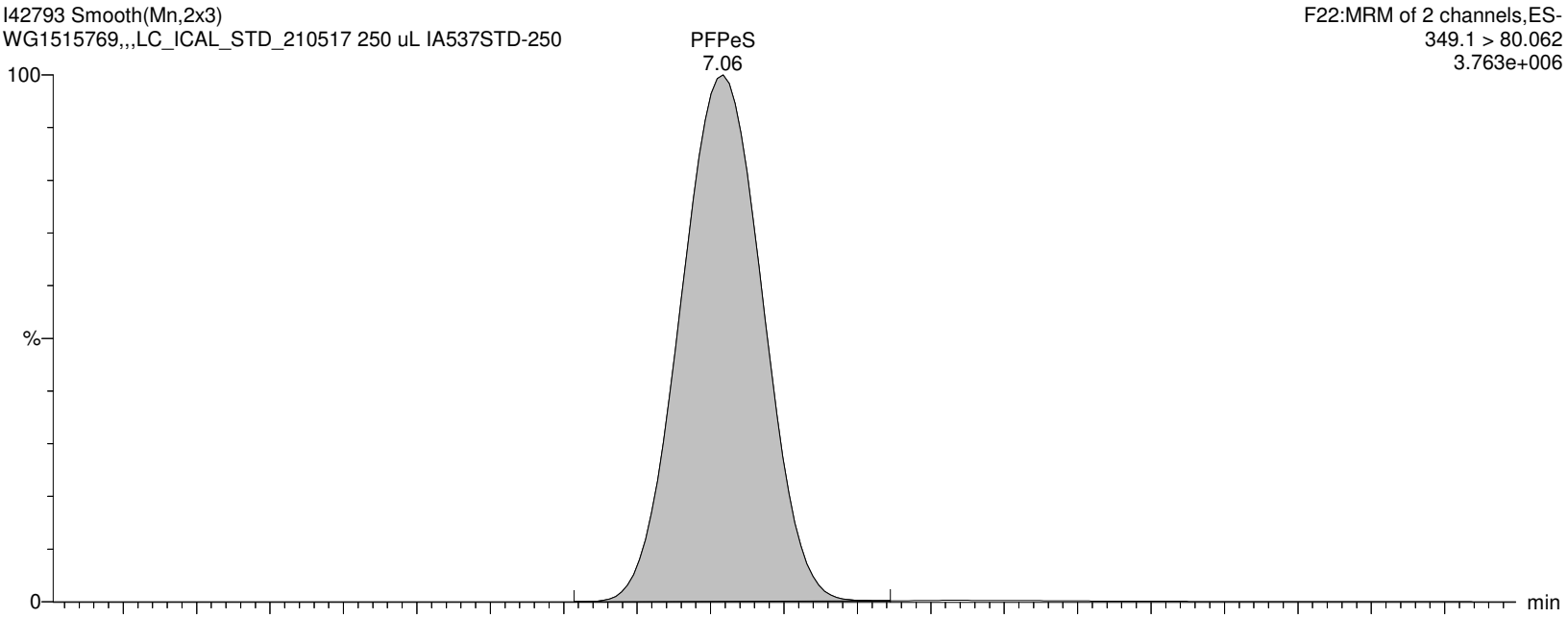


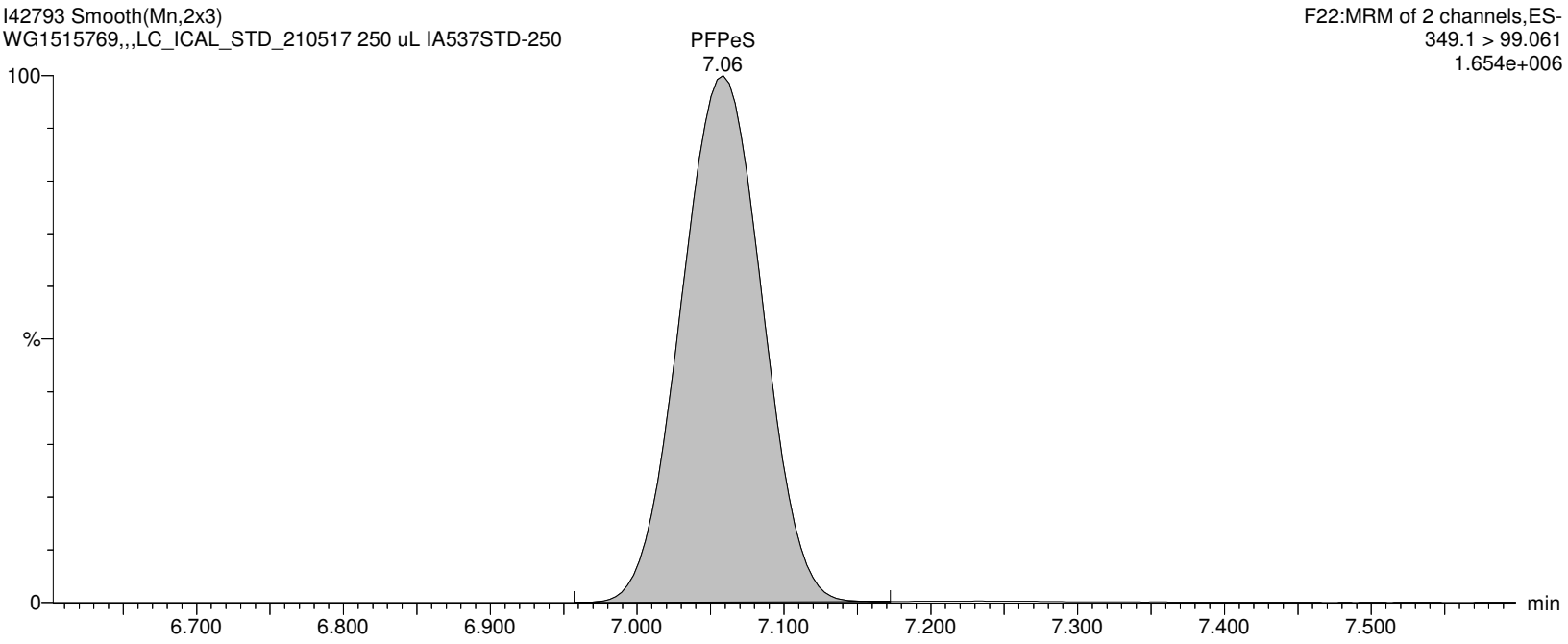
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeS



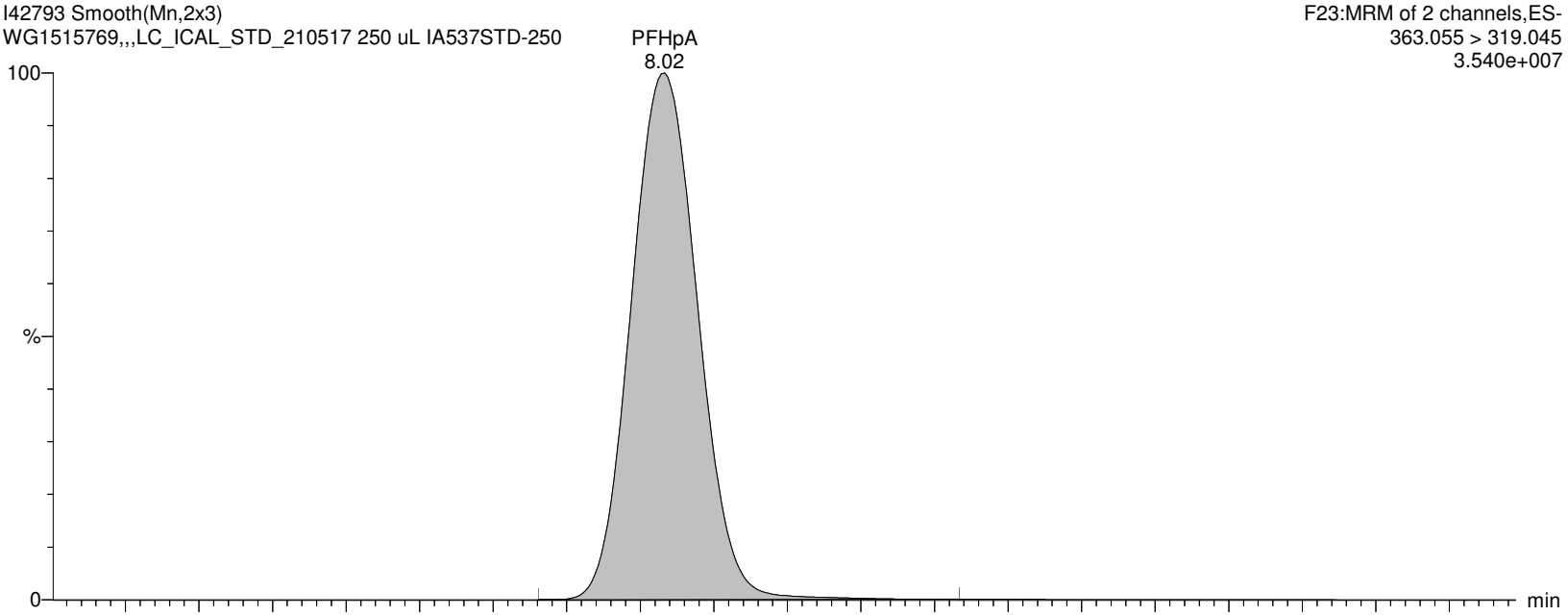


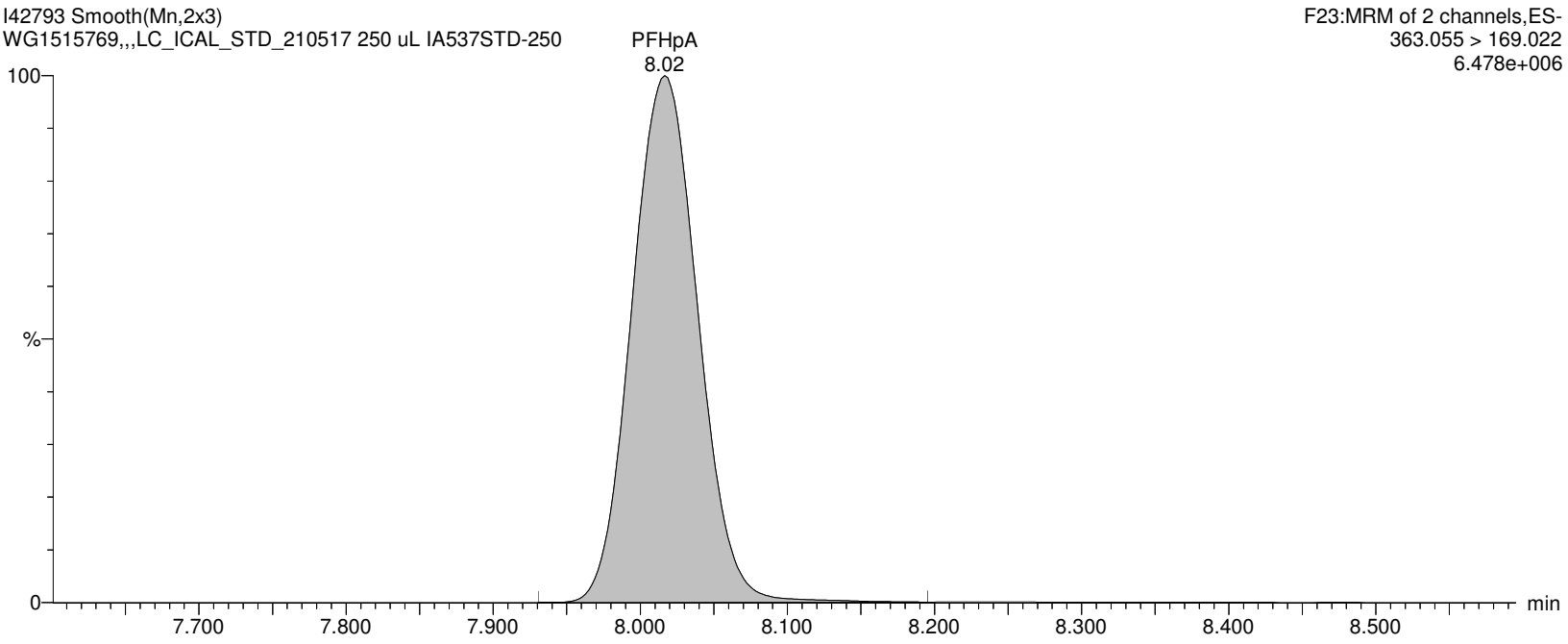
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpA



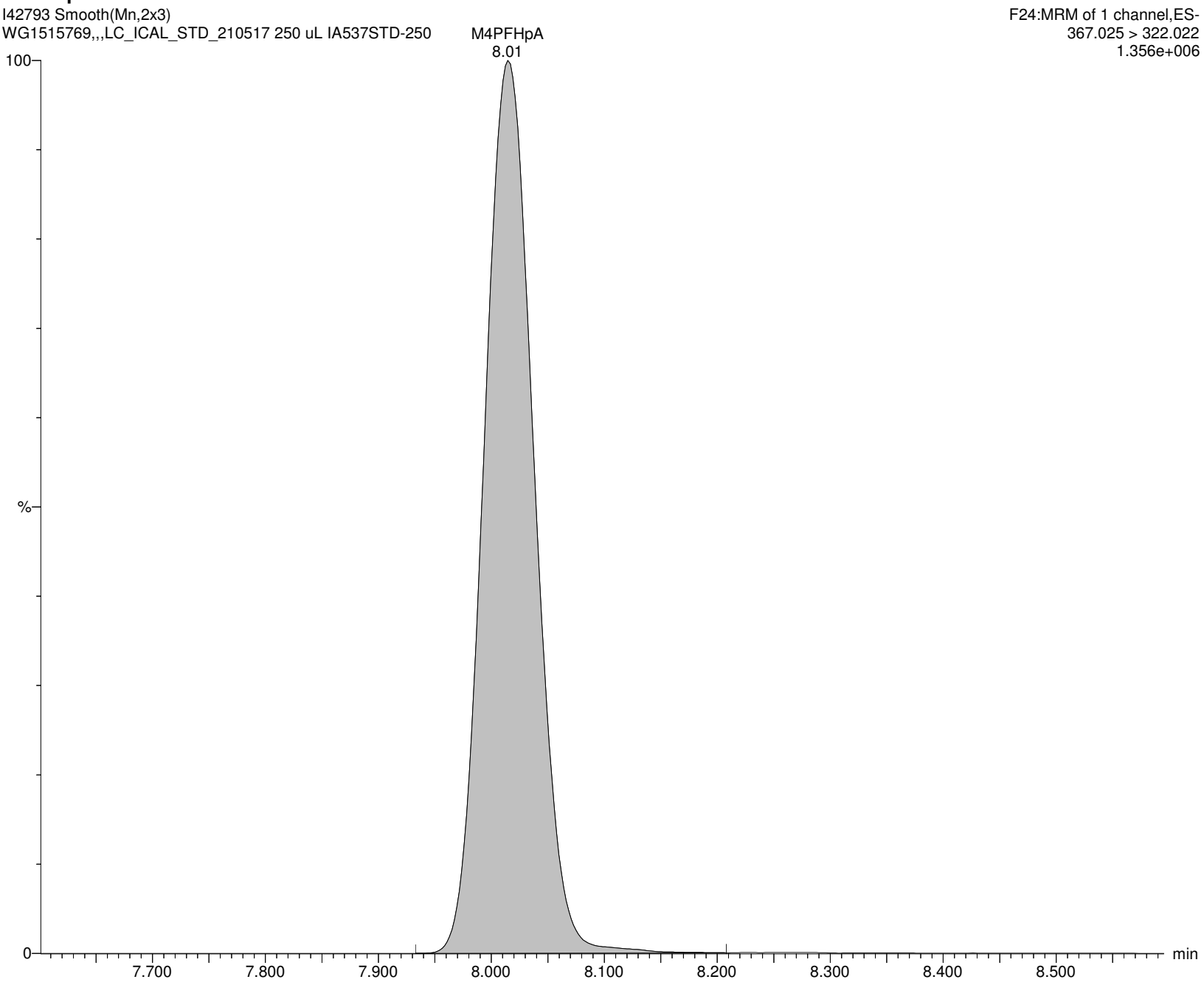


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFHpA

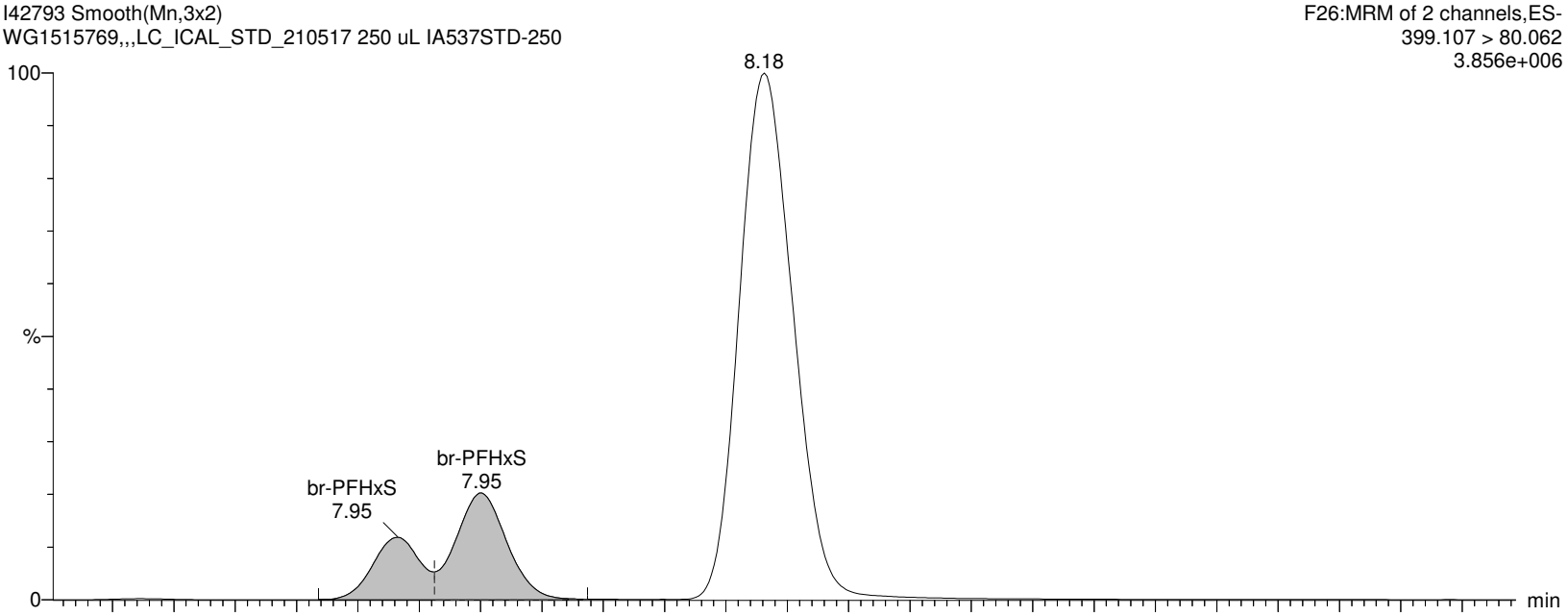


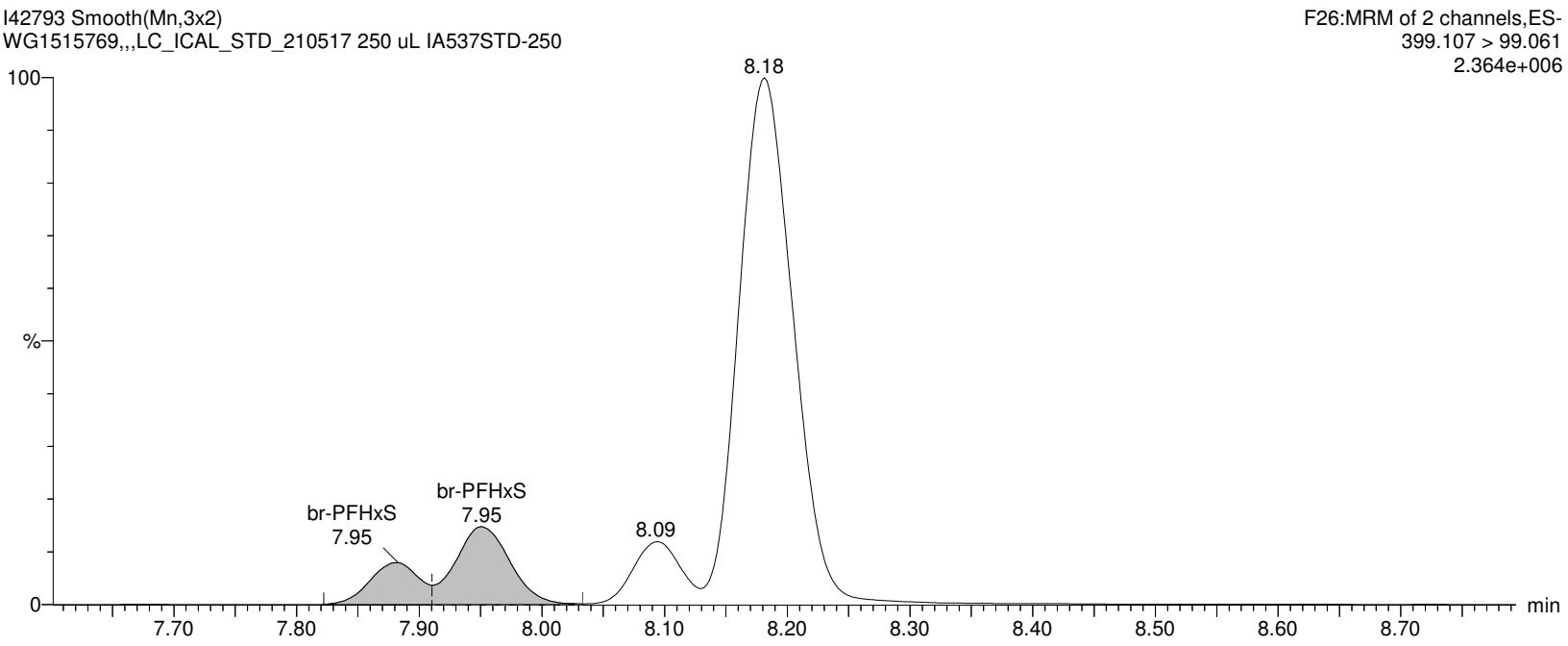
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFHxS



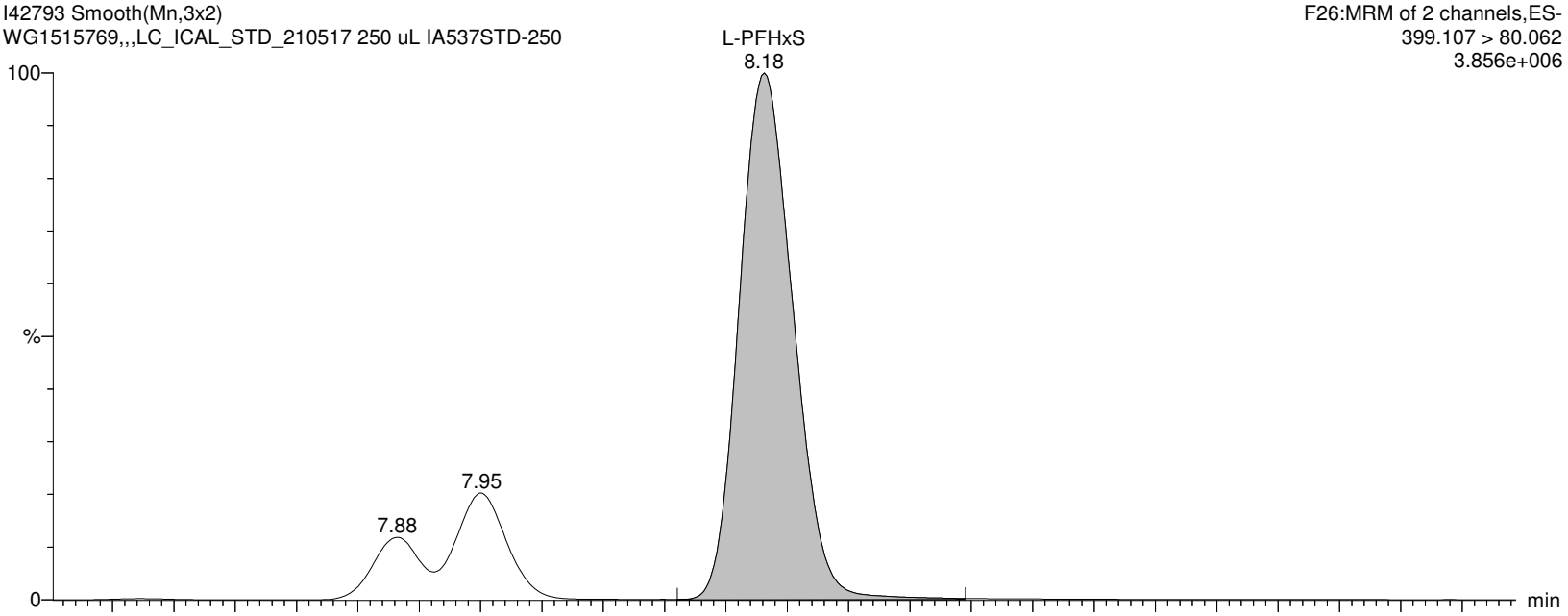


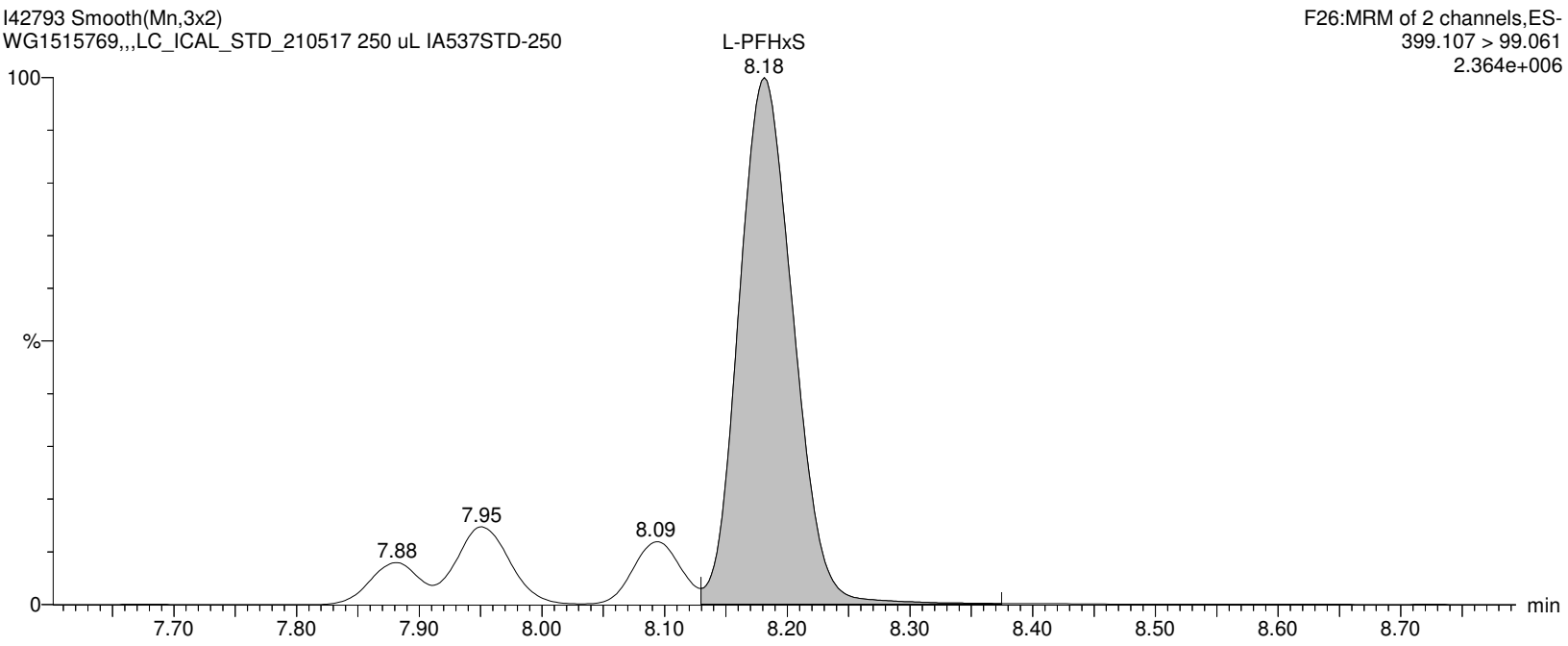
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFHxS



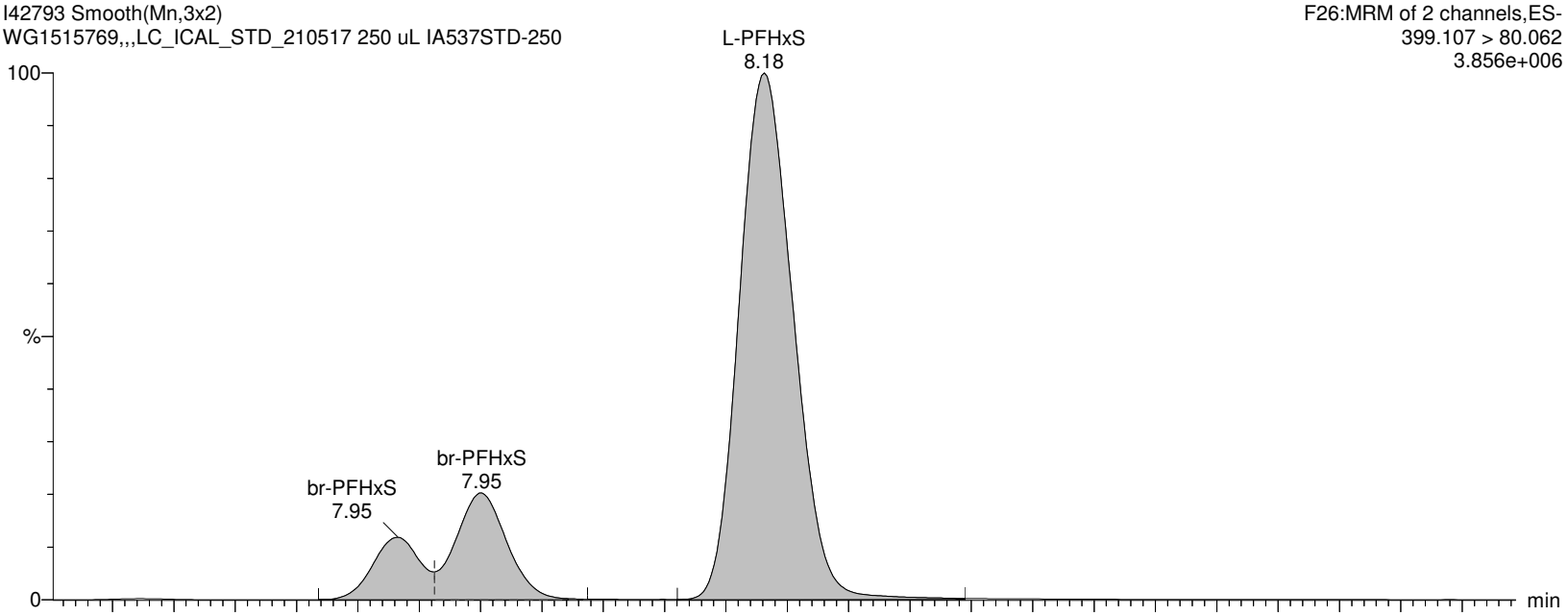


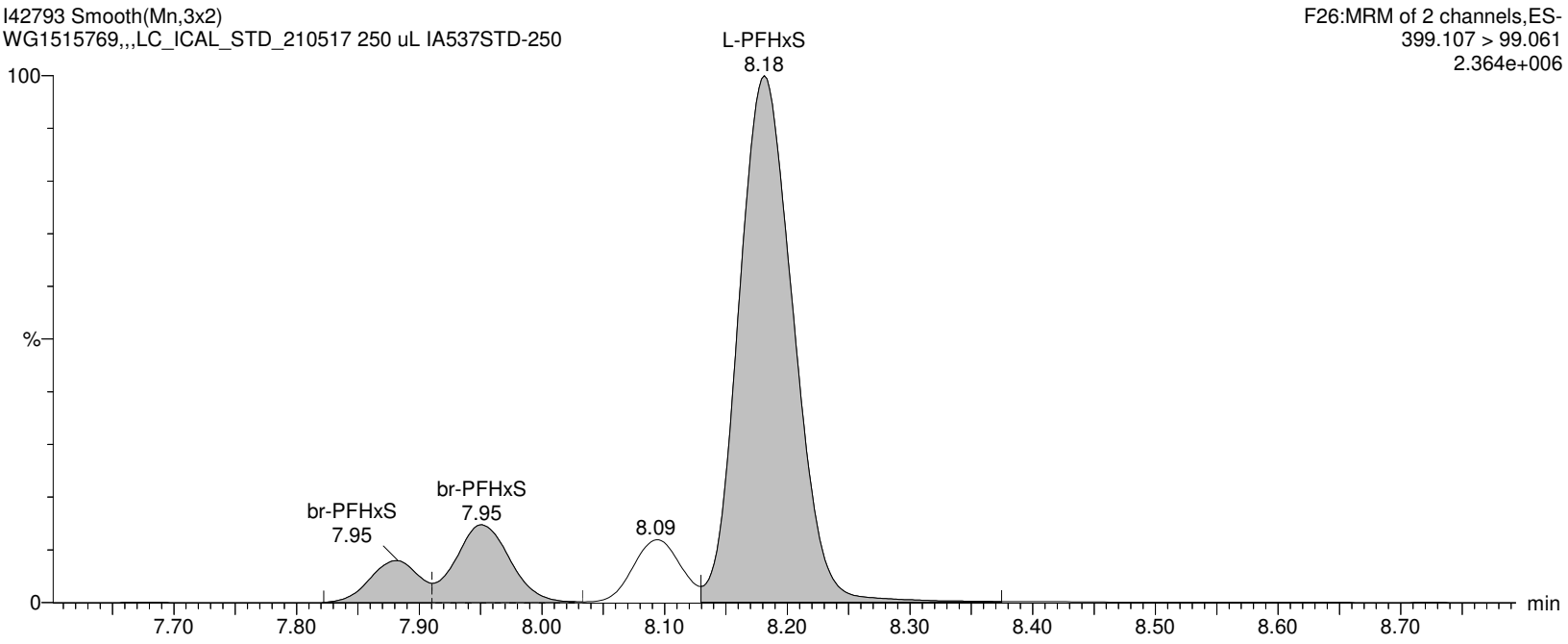
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxS



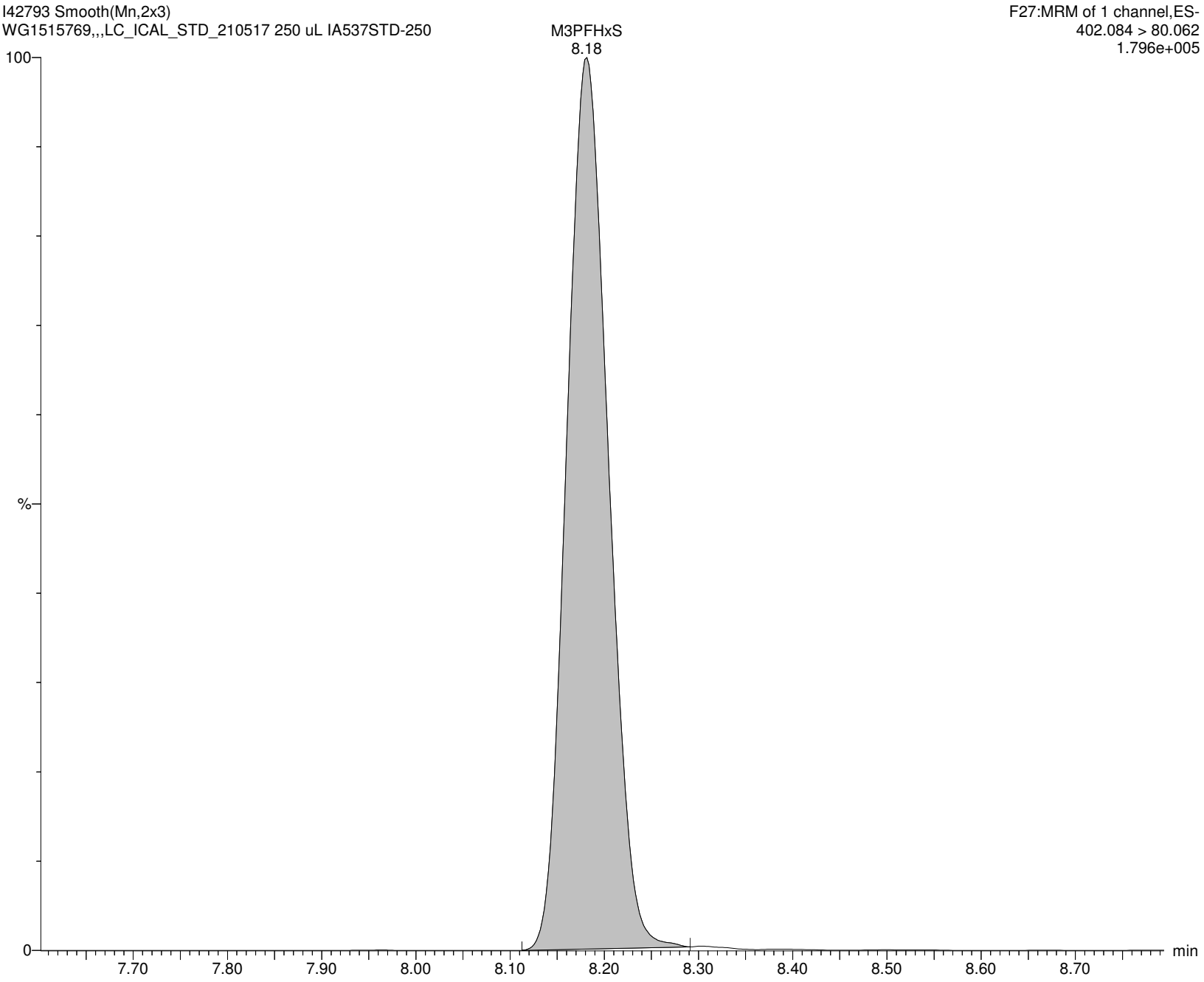


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFHxS

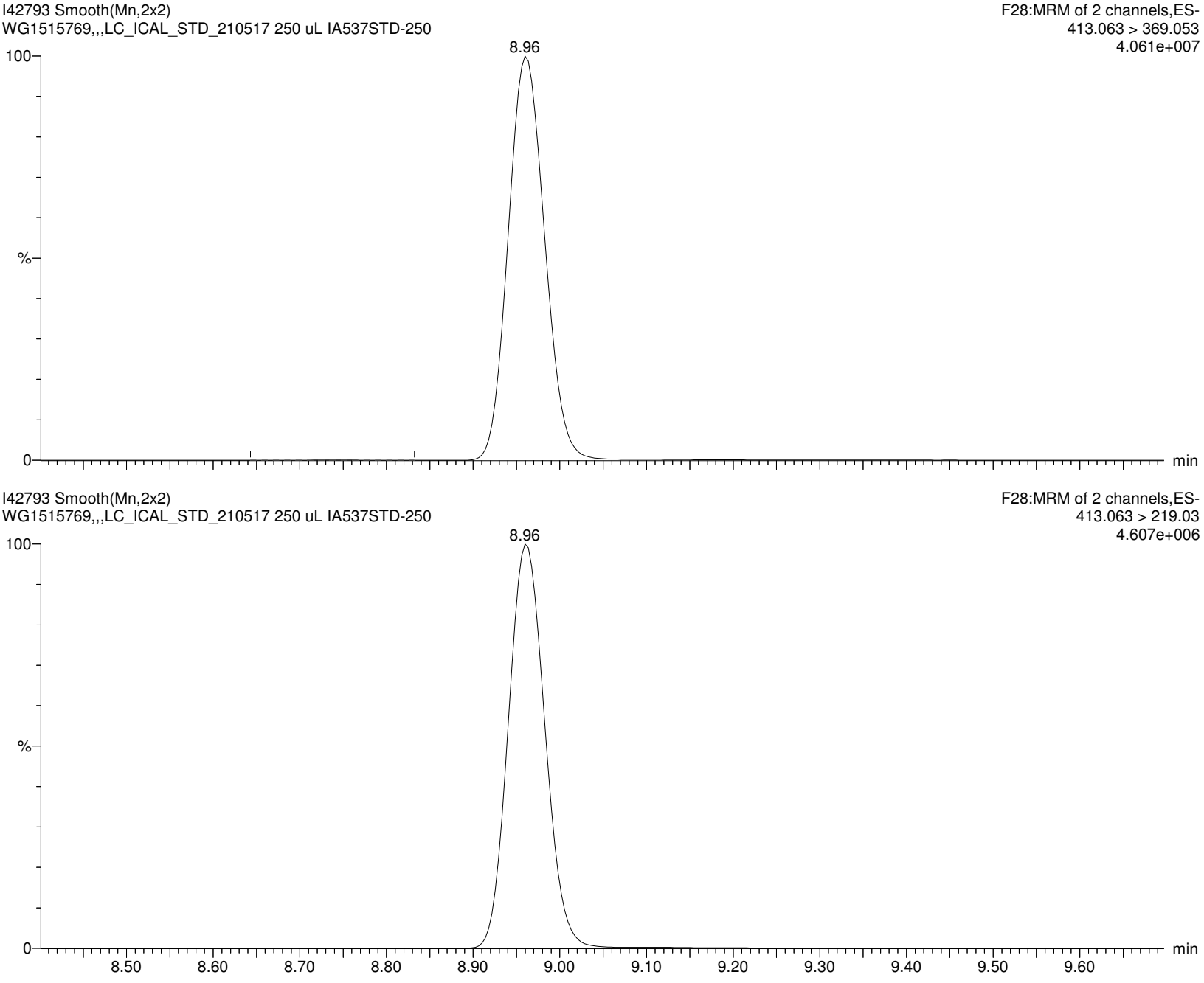


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOA

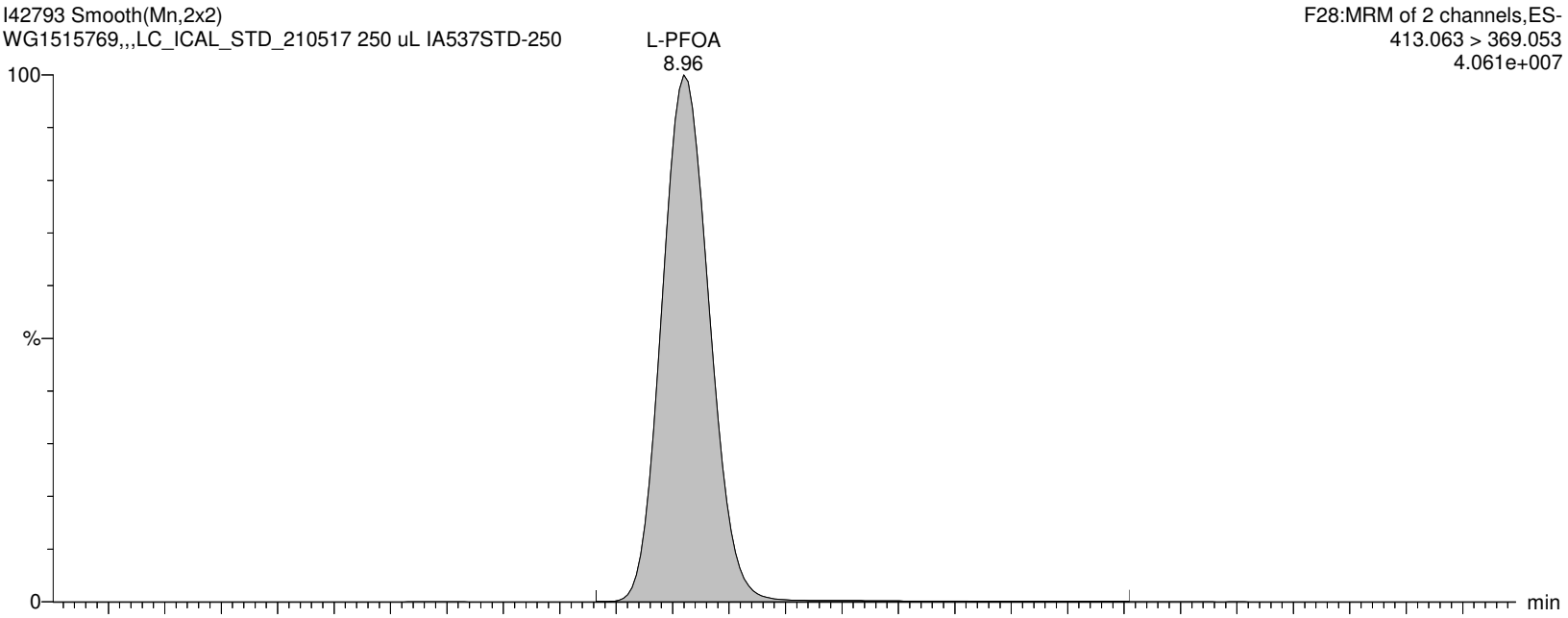


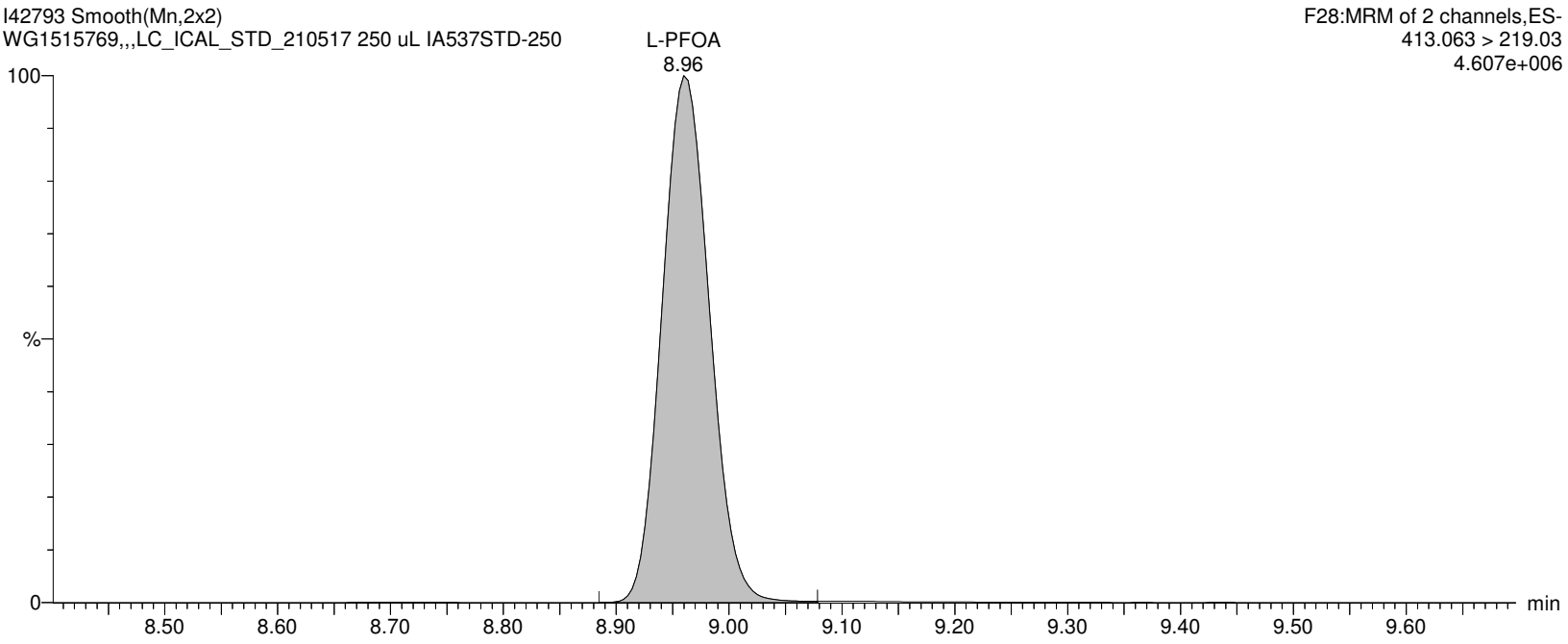
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOA



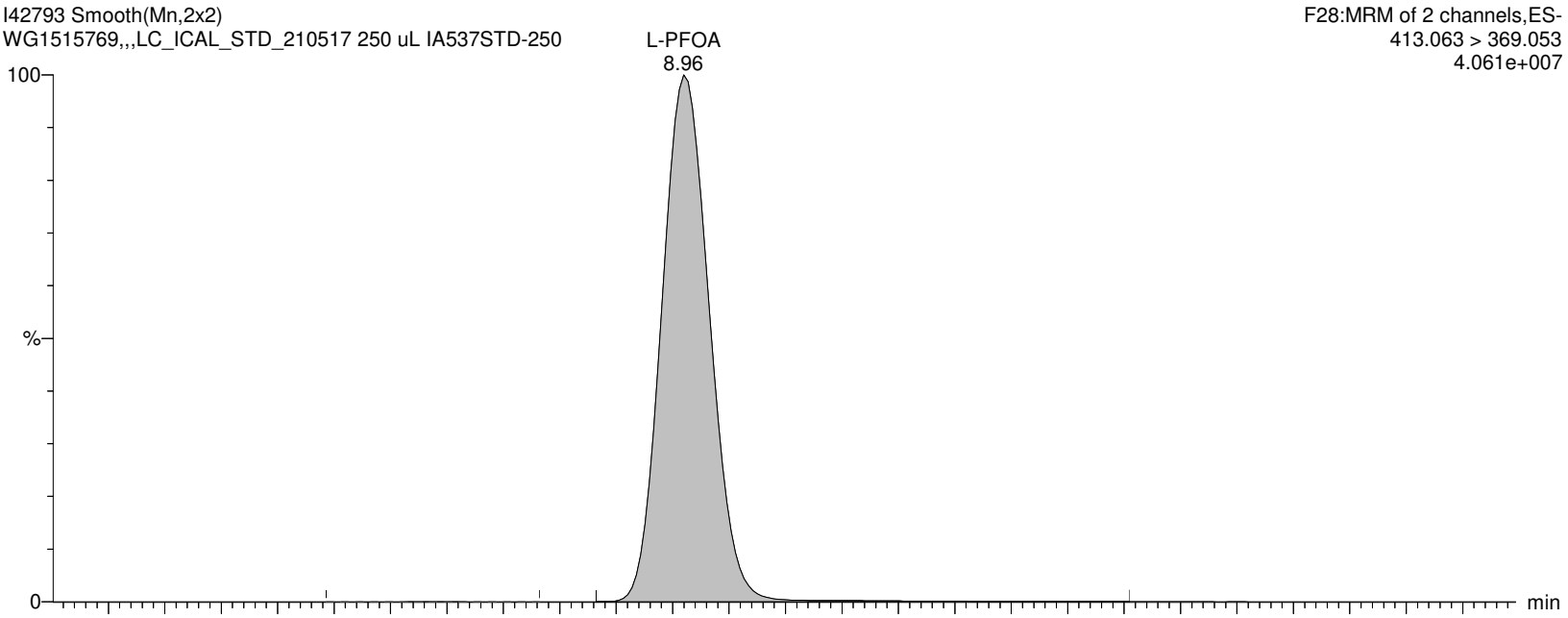


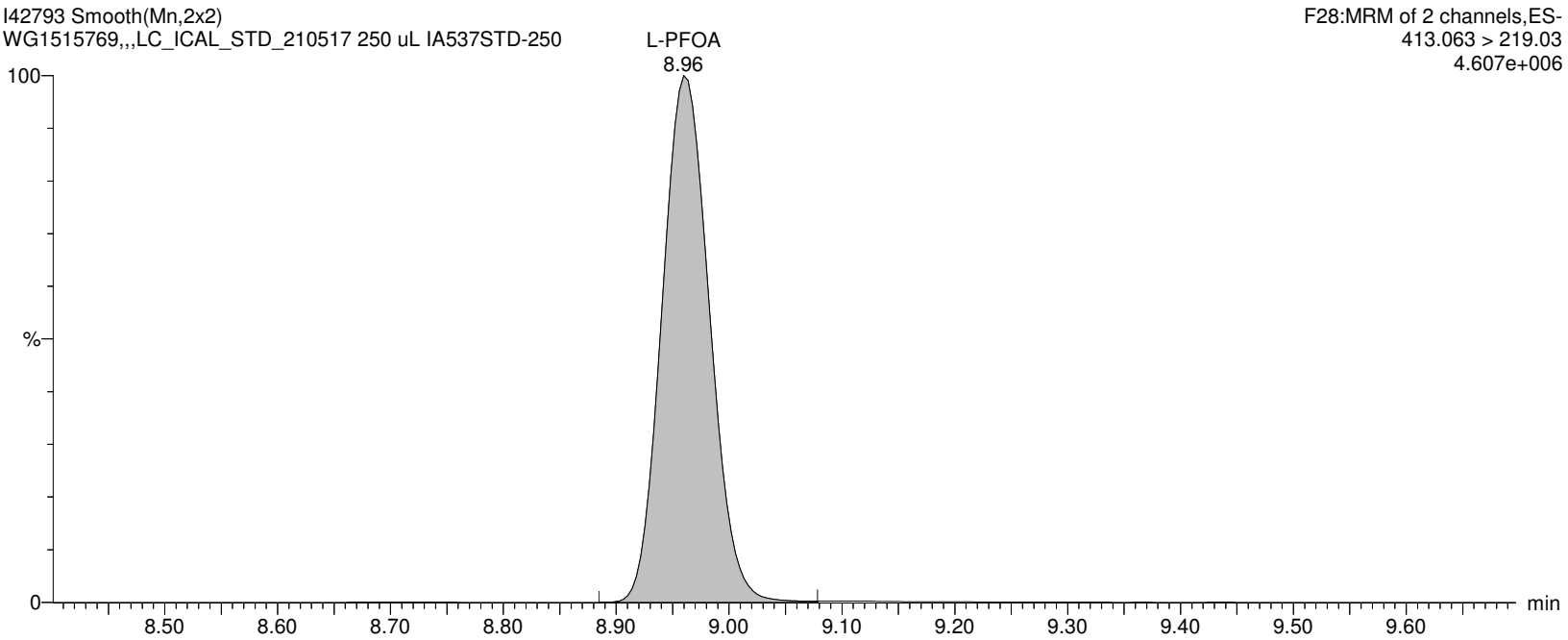
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOA



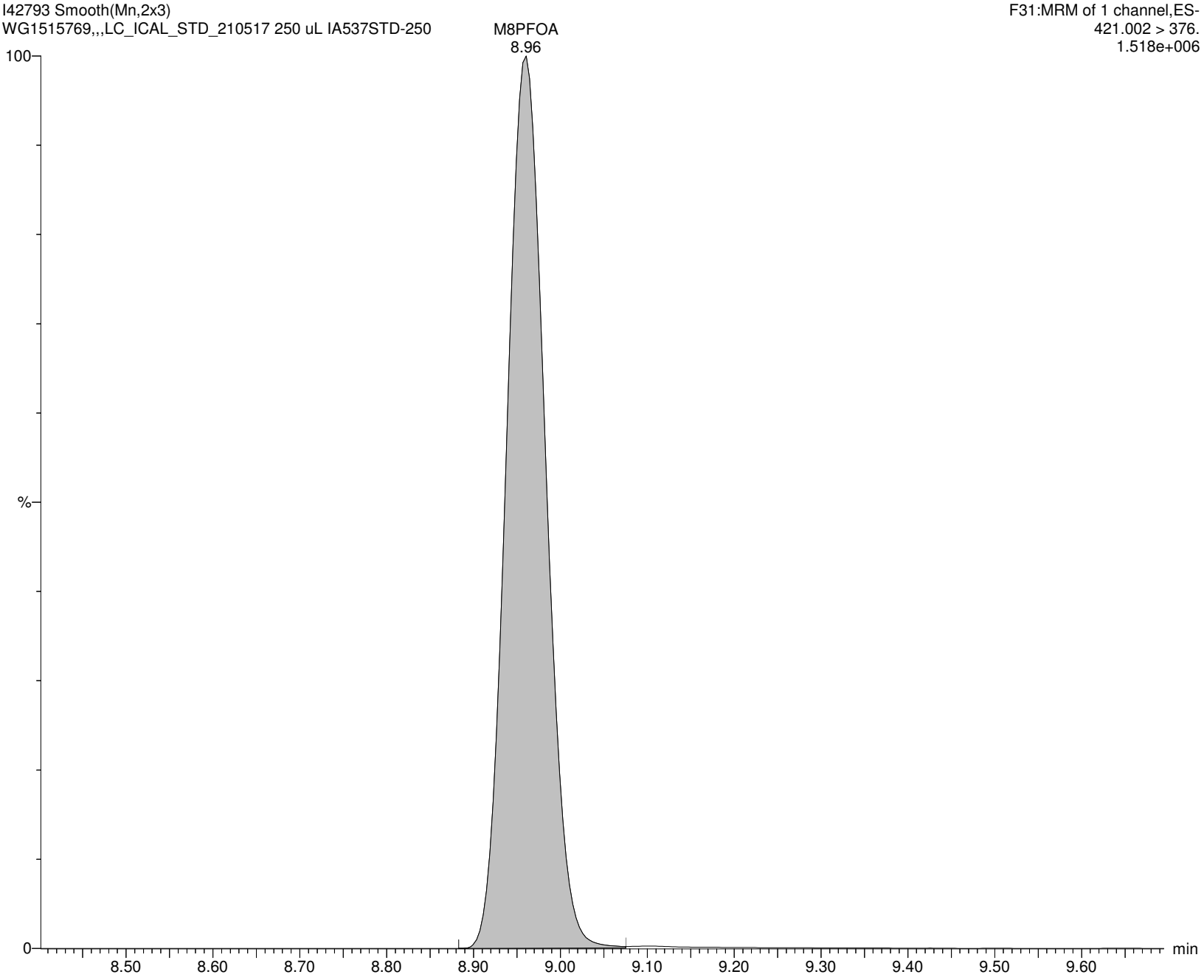


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOA

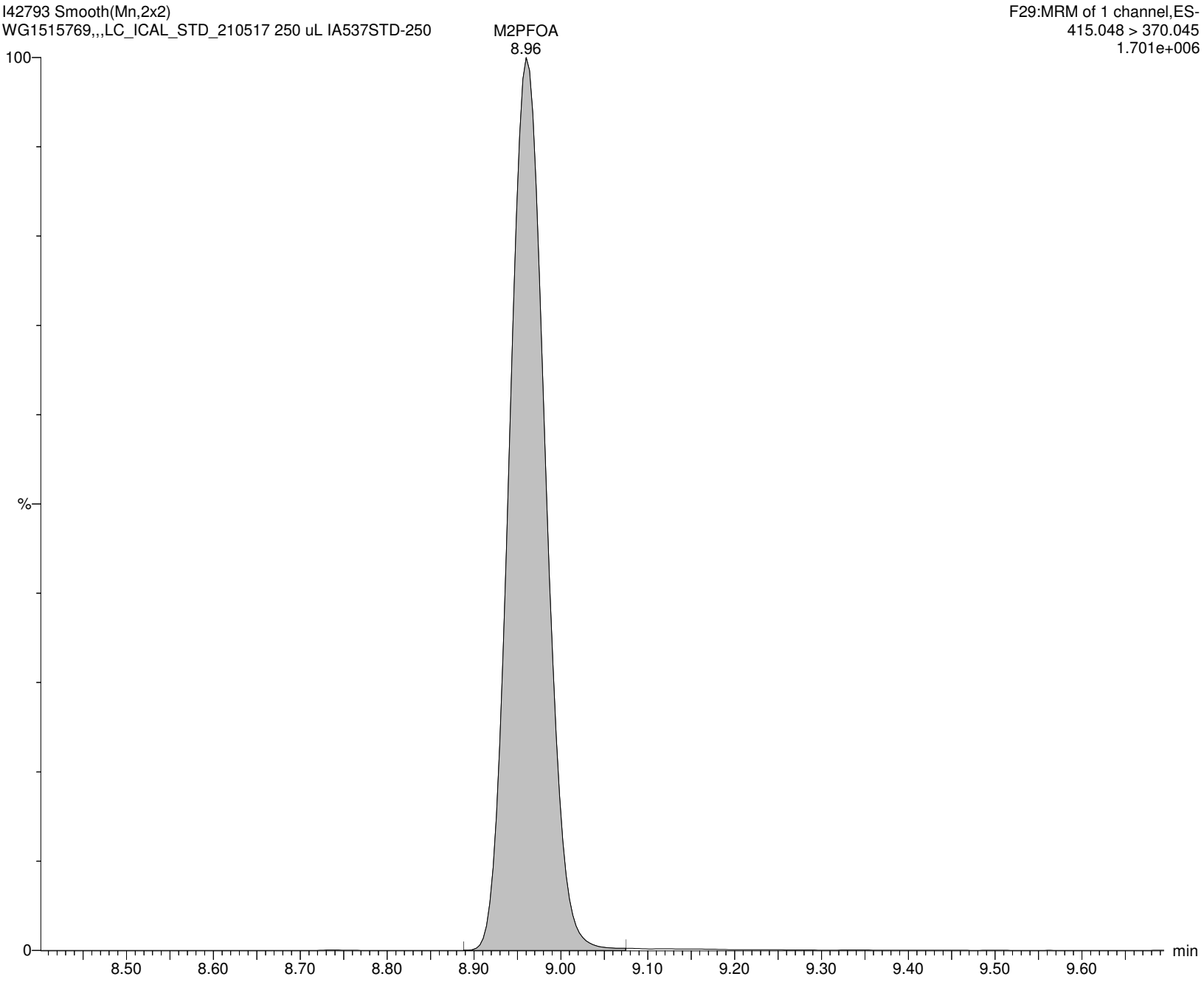


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFOA

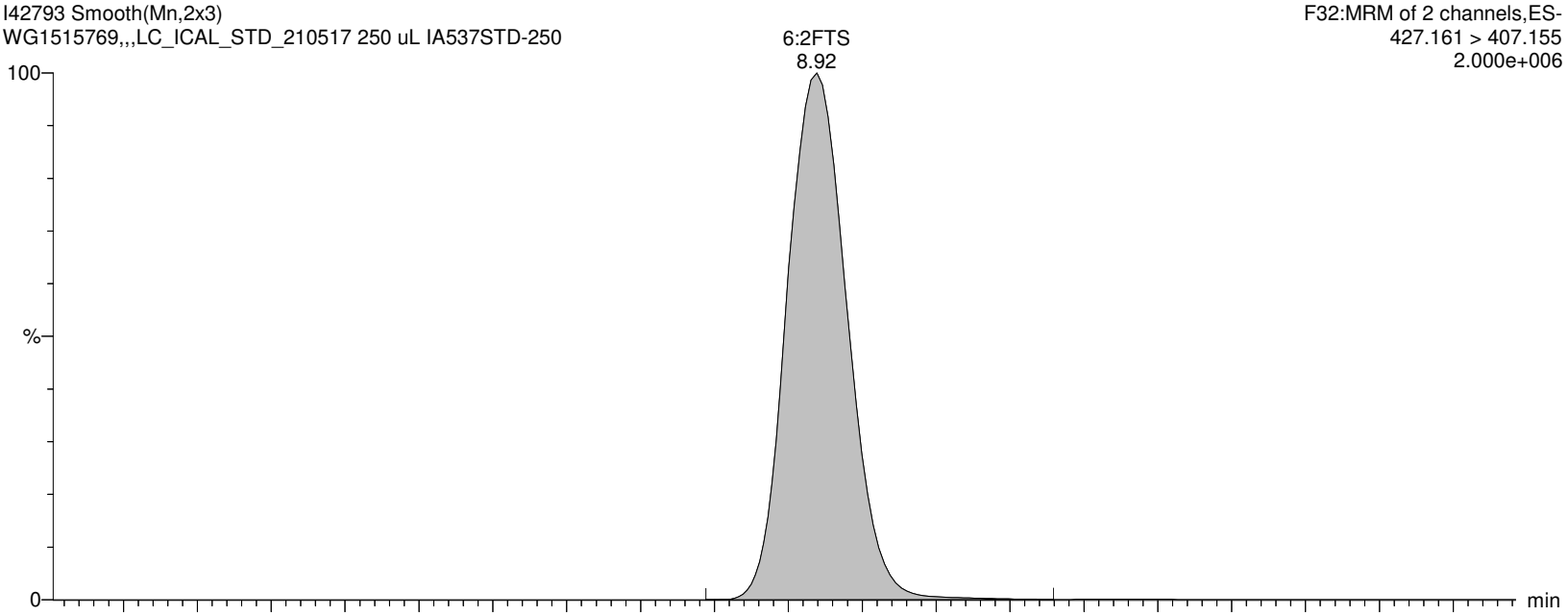


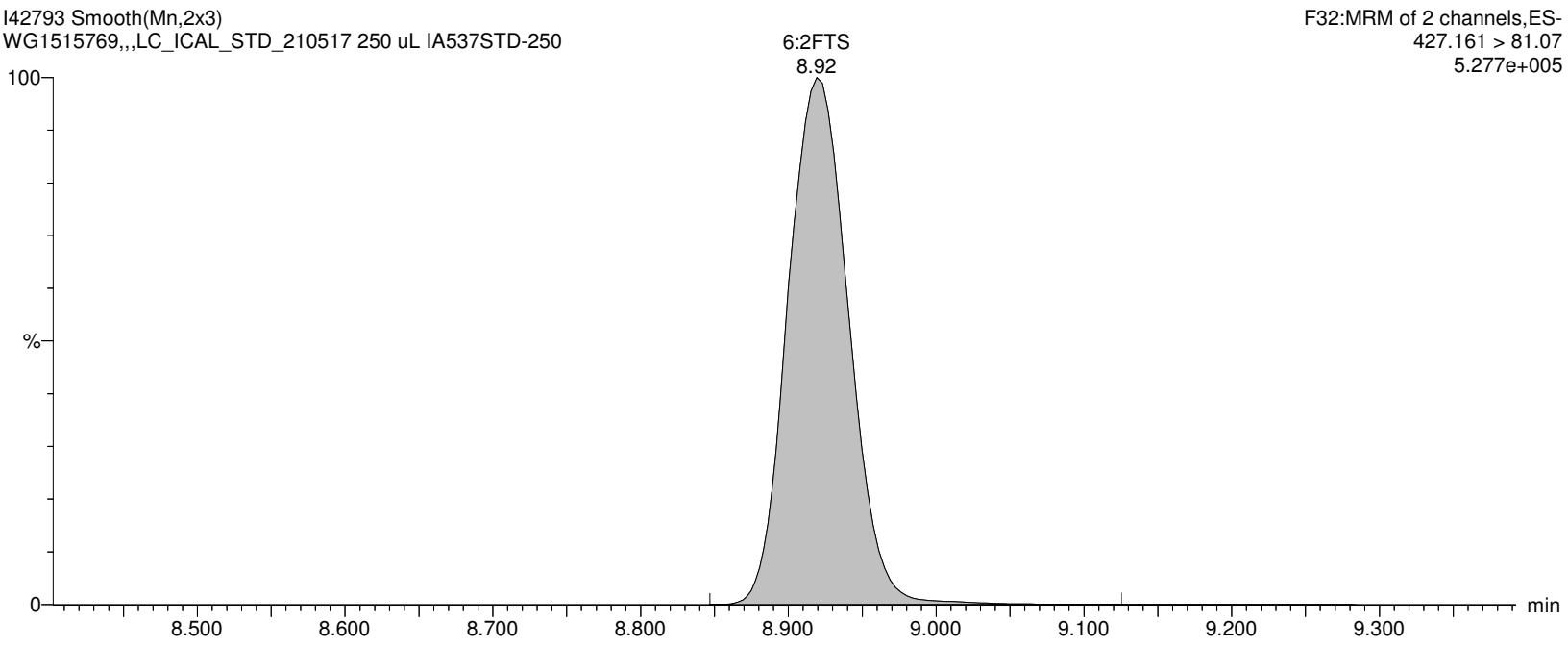
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

6:2FTS



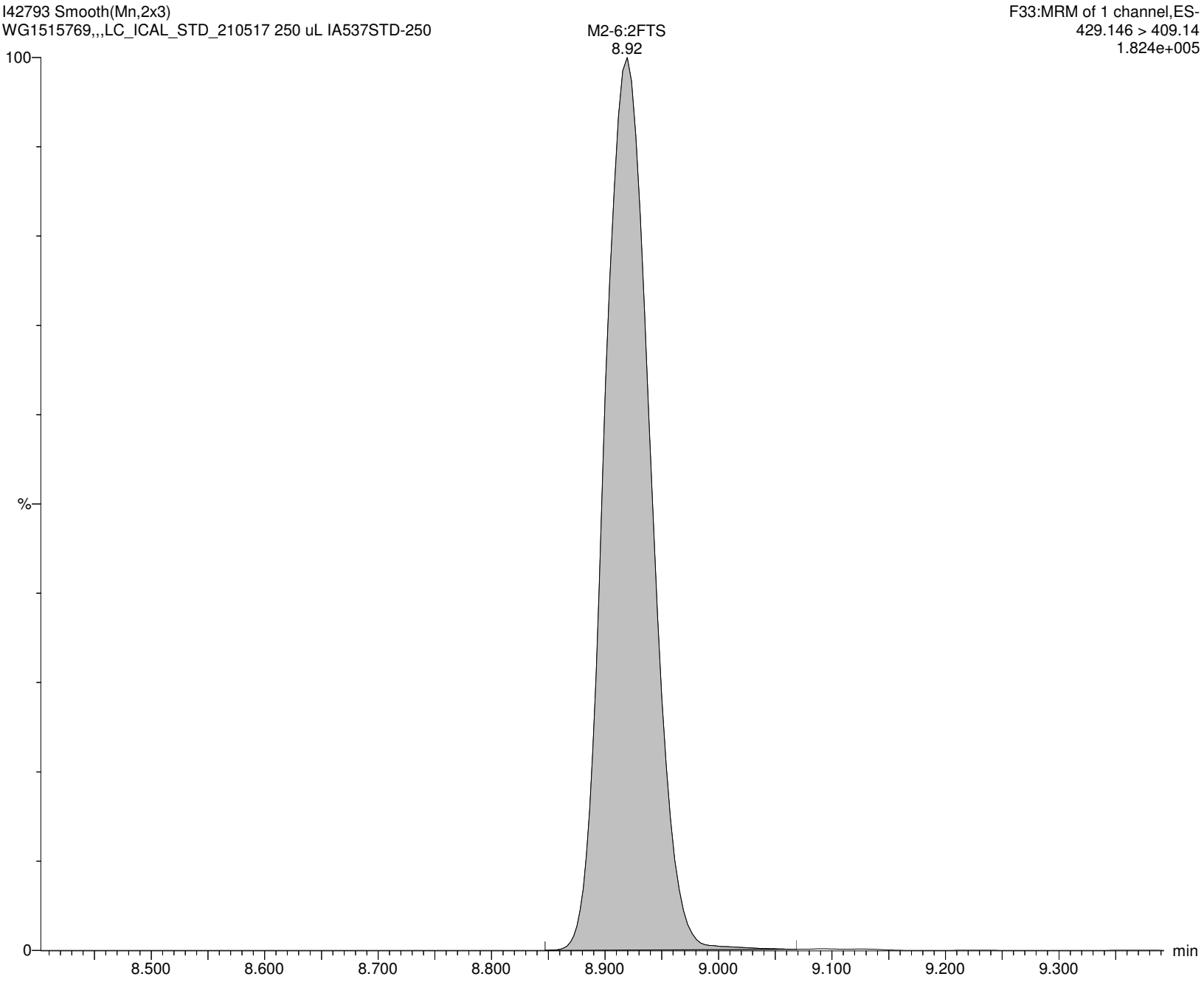


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-6:2FTS

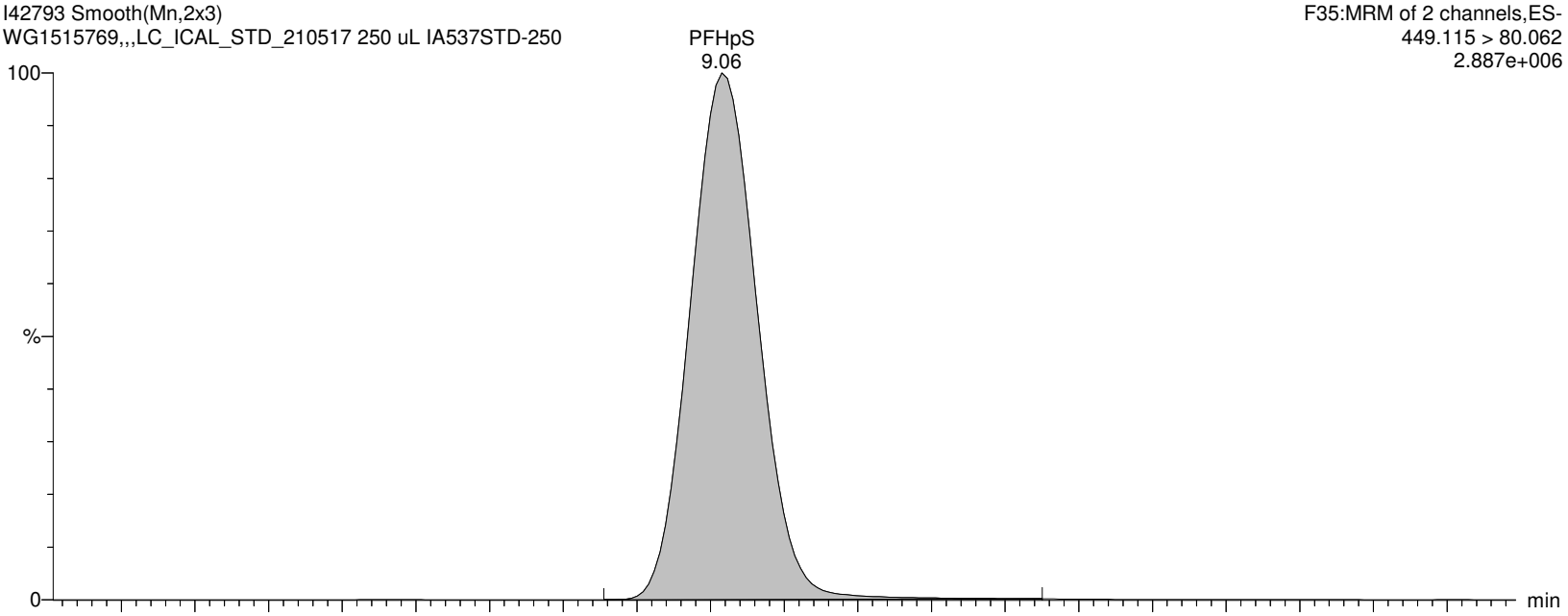


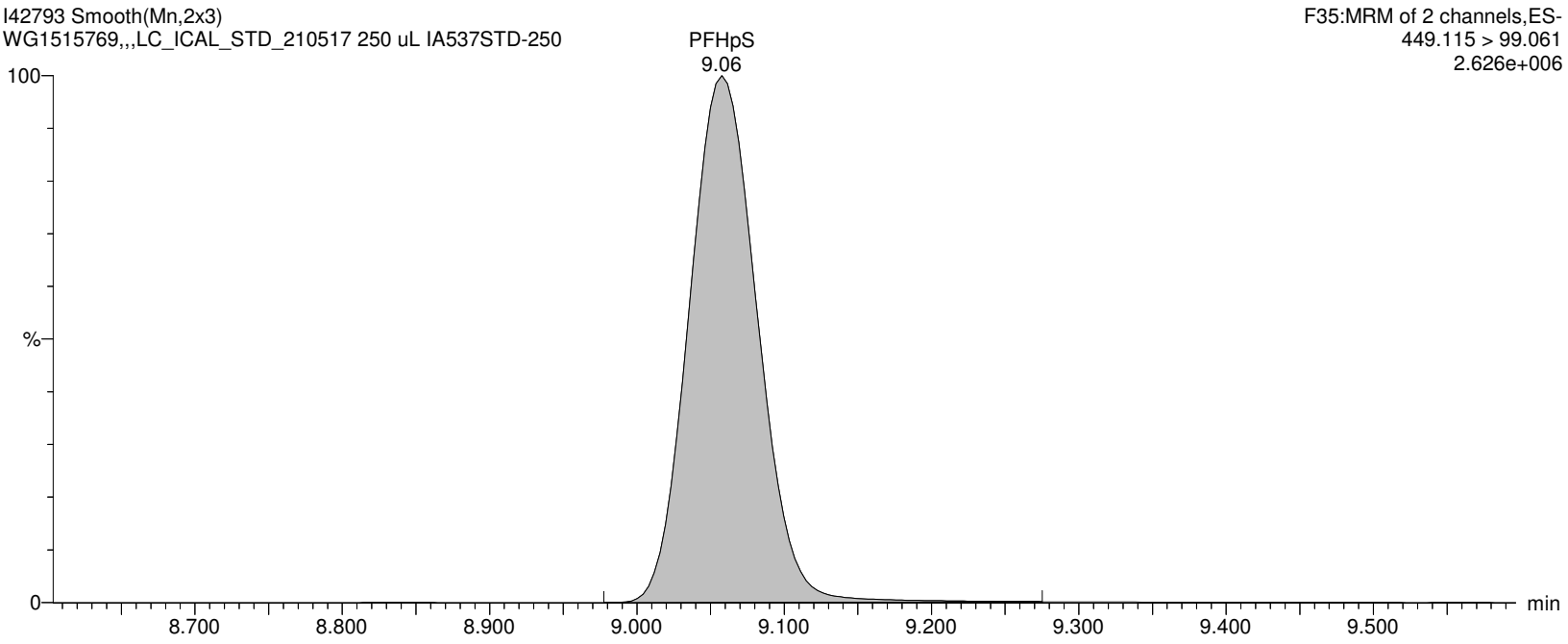
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpS



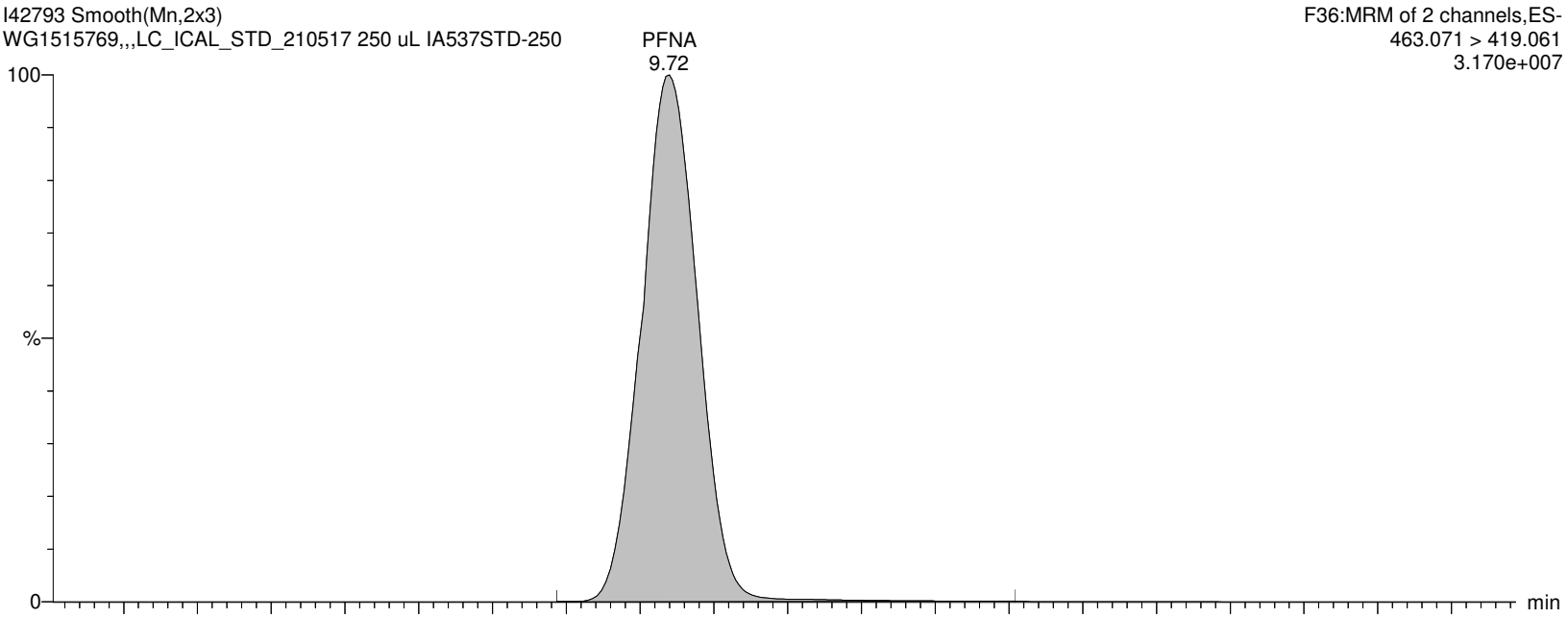


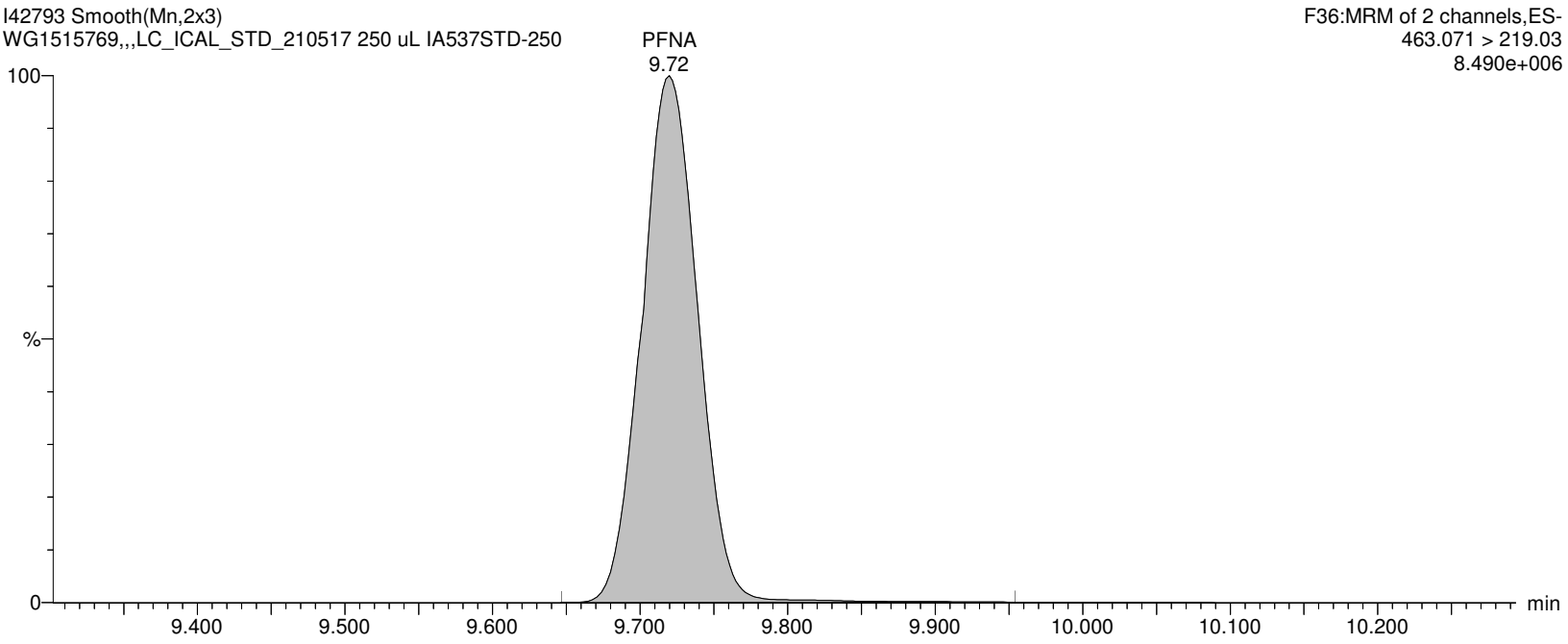
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNA



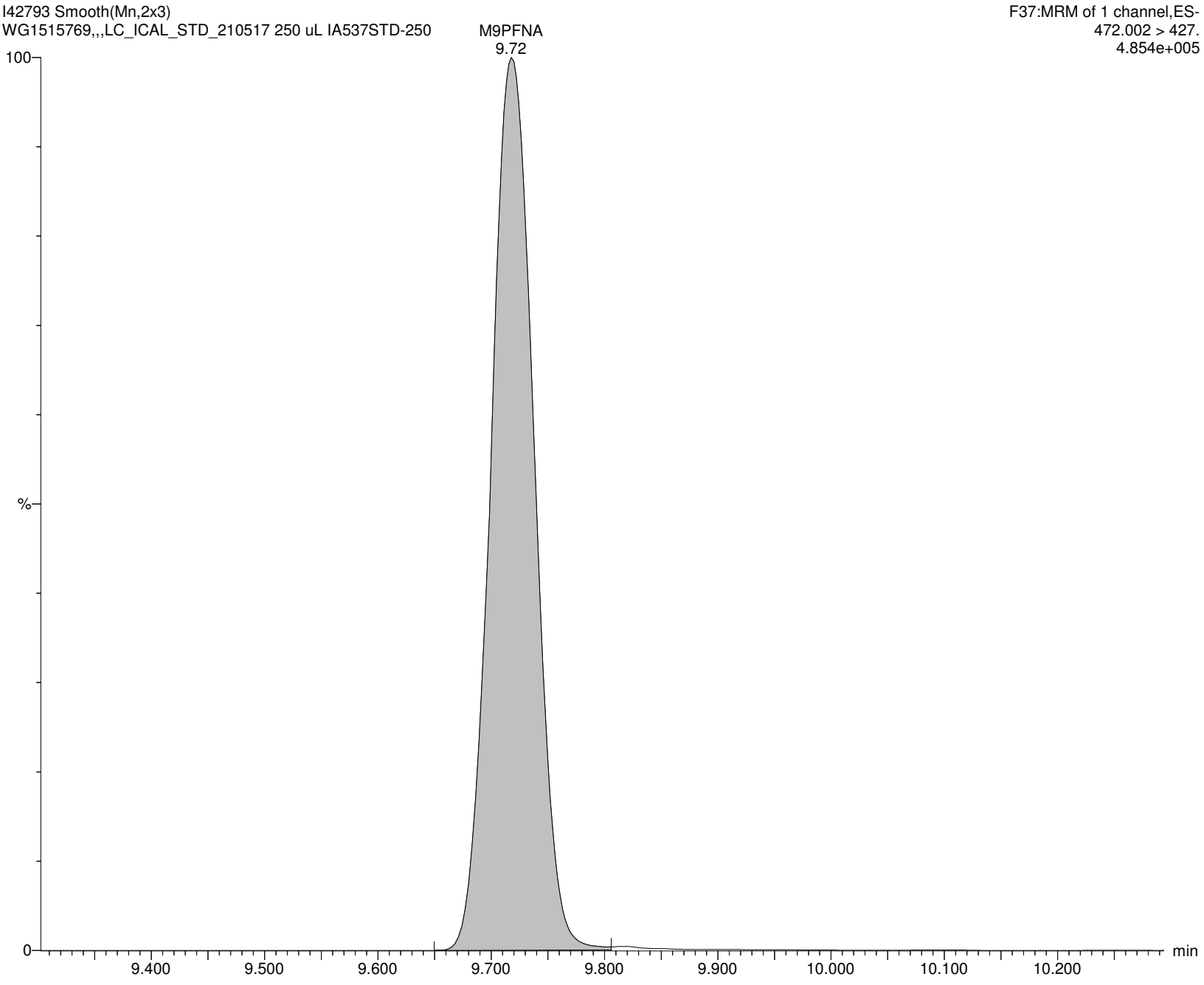


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M9PFNA

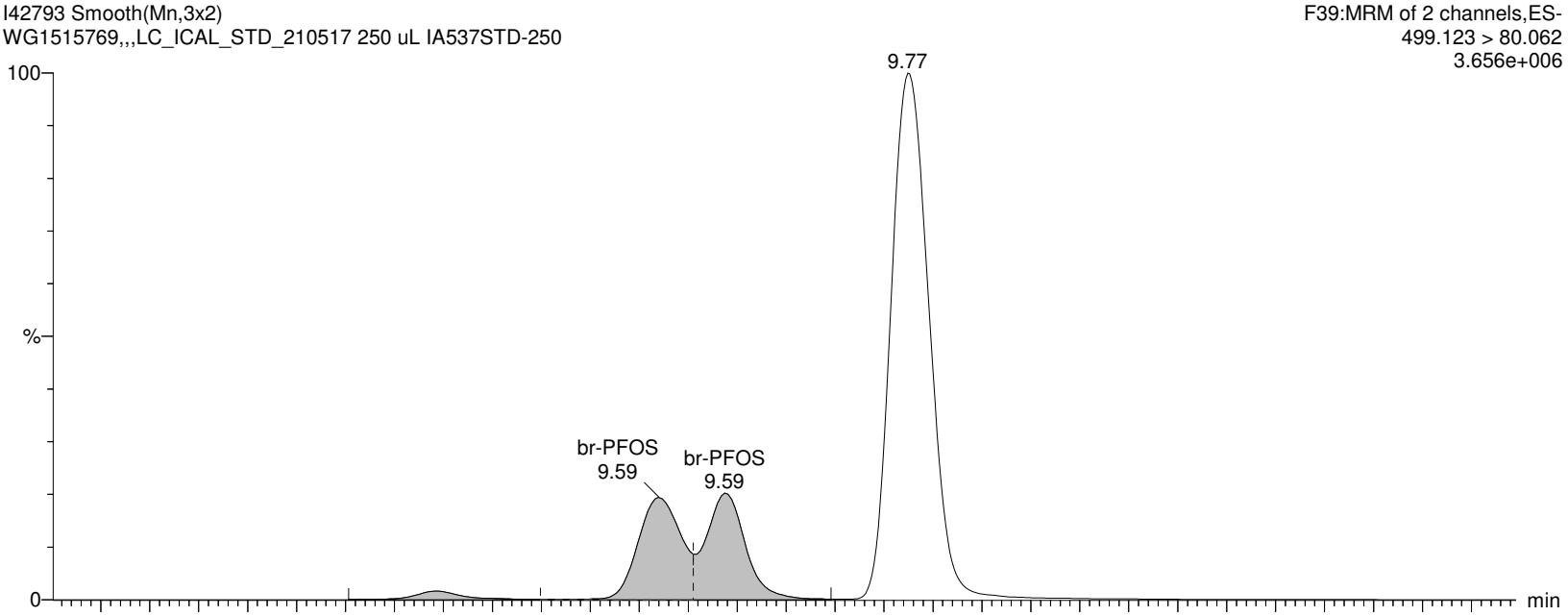


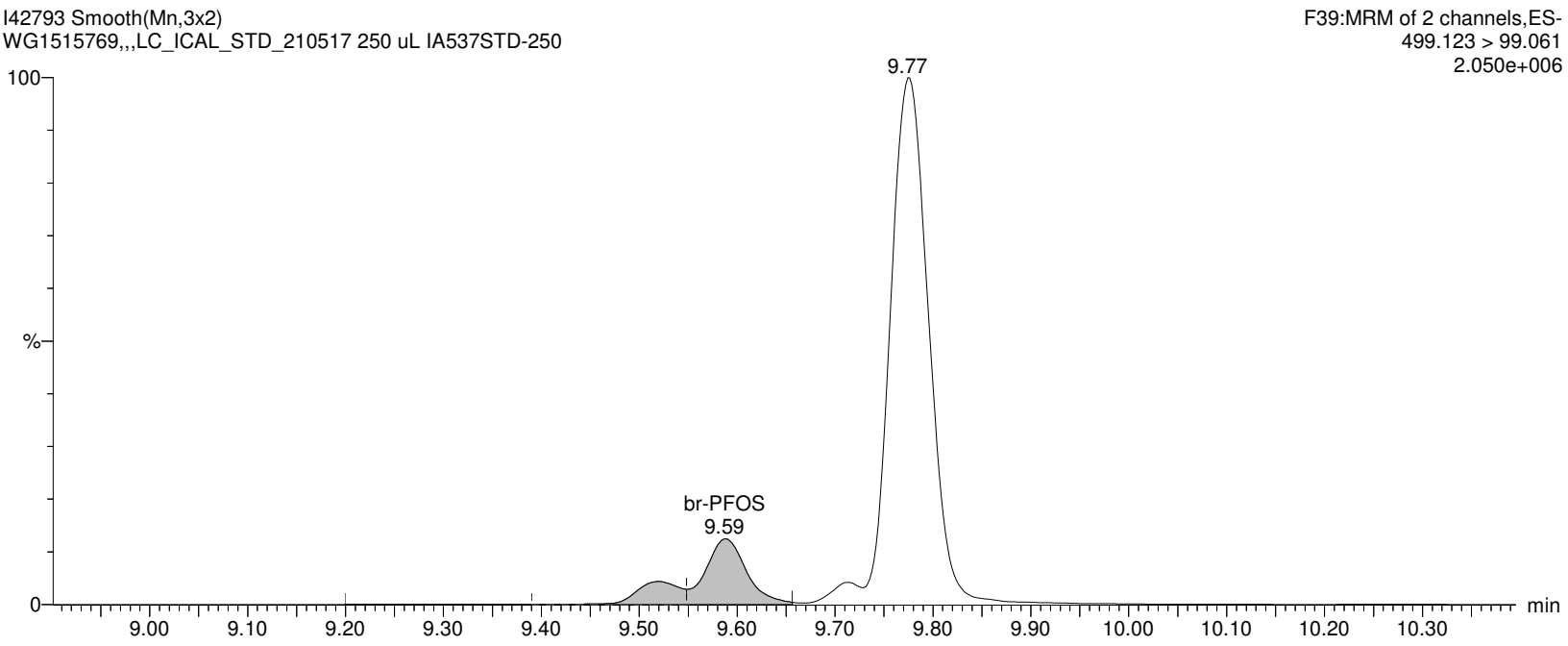
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOS



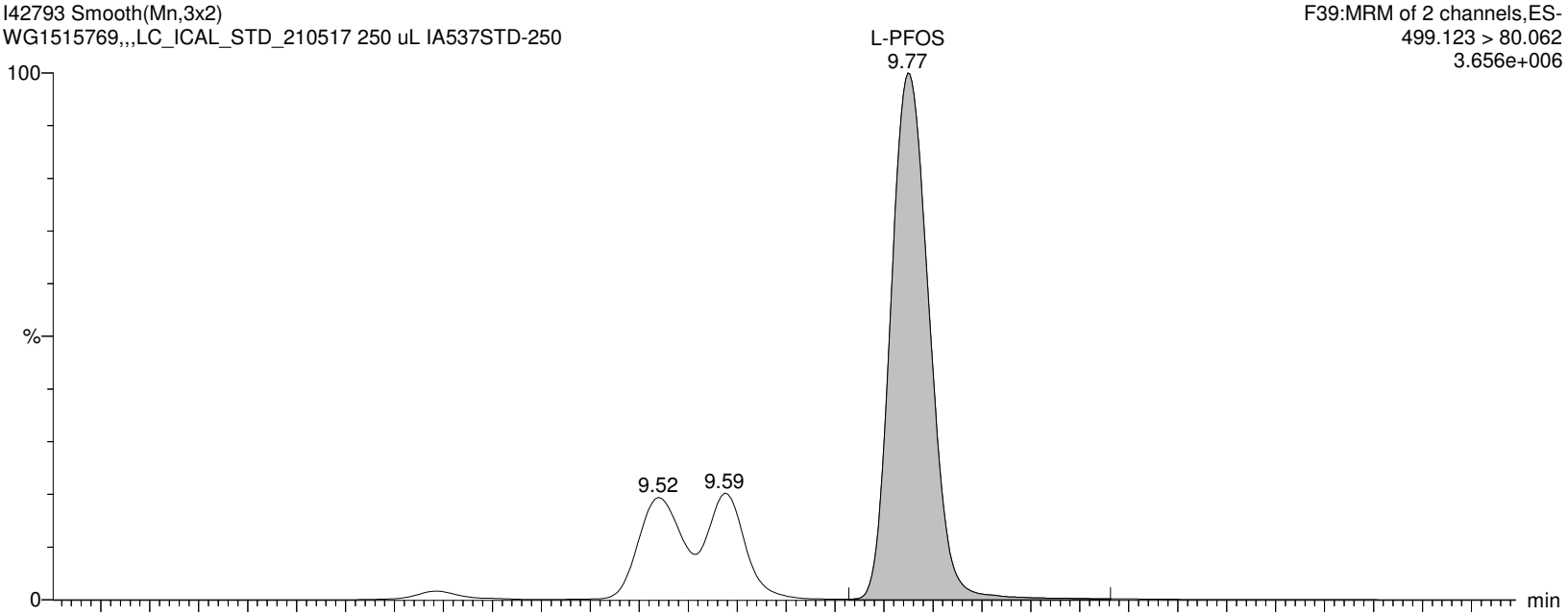


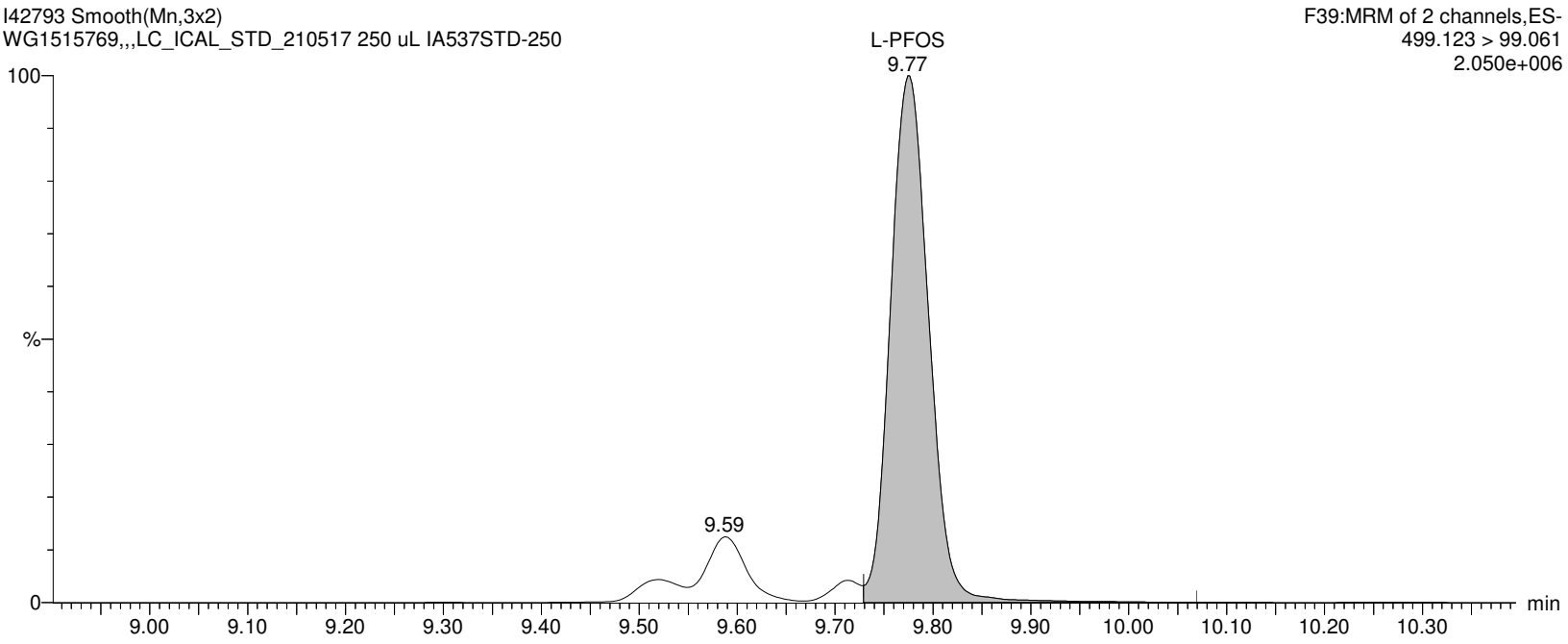
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOS



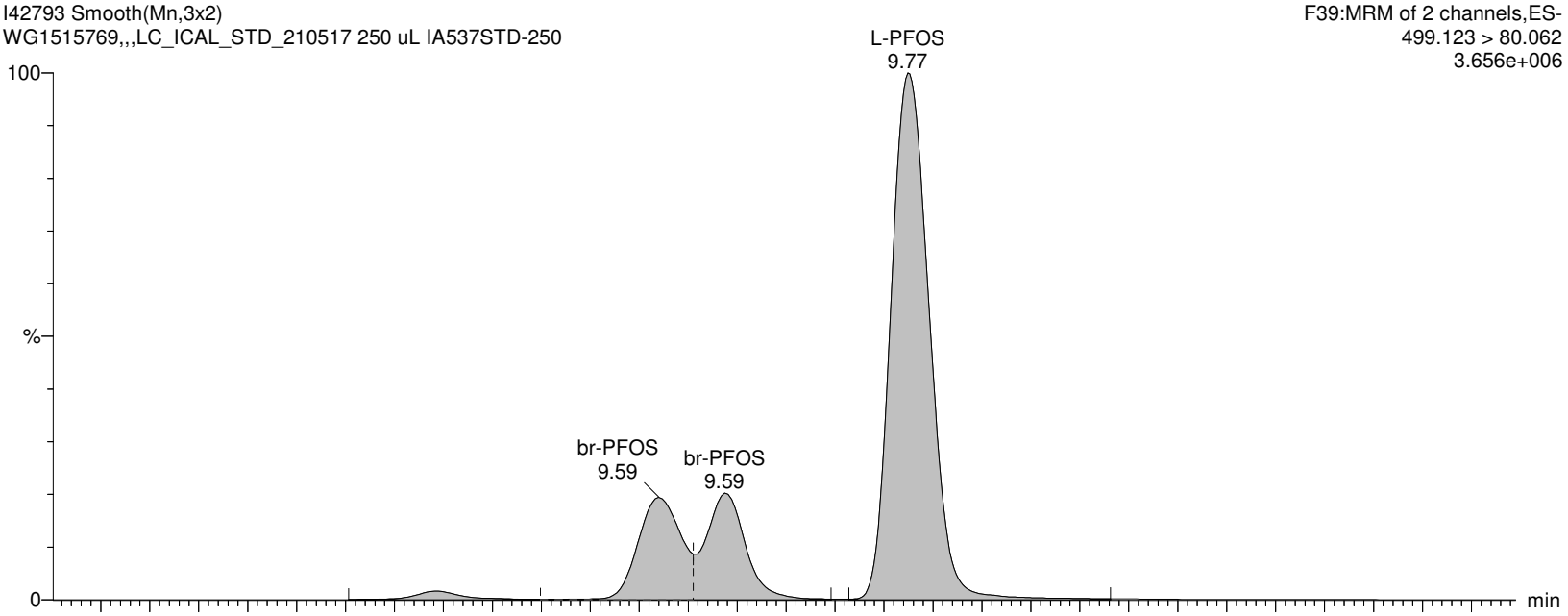


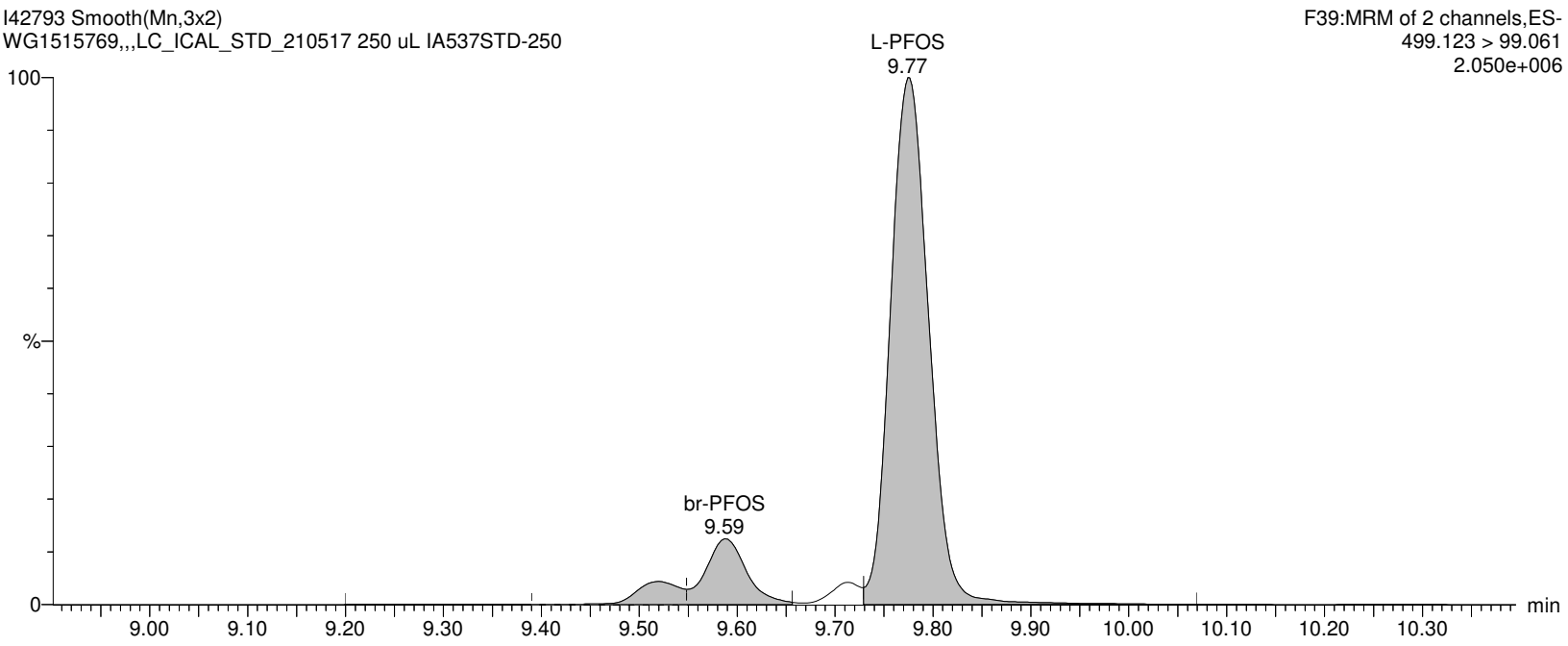
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOS



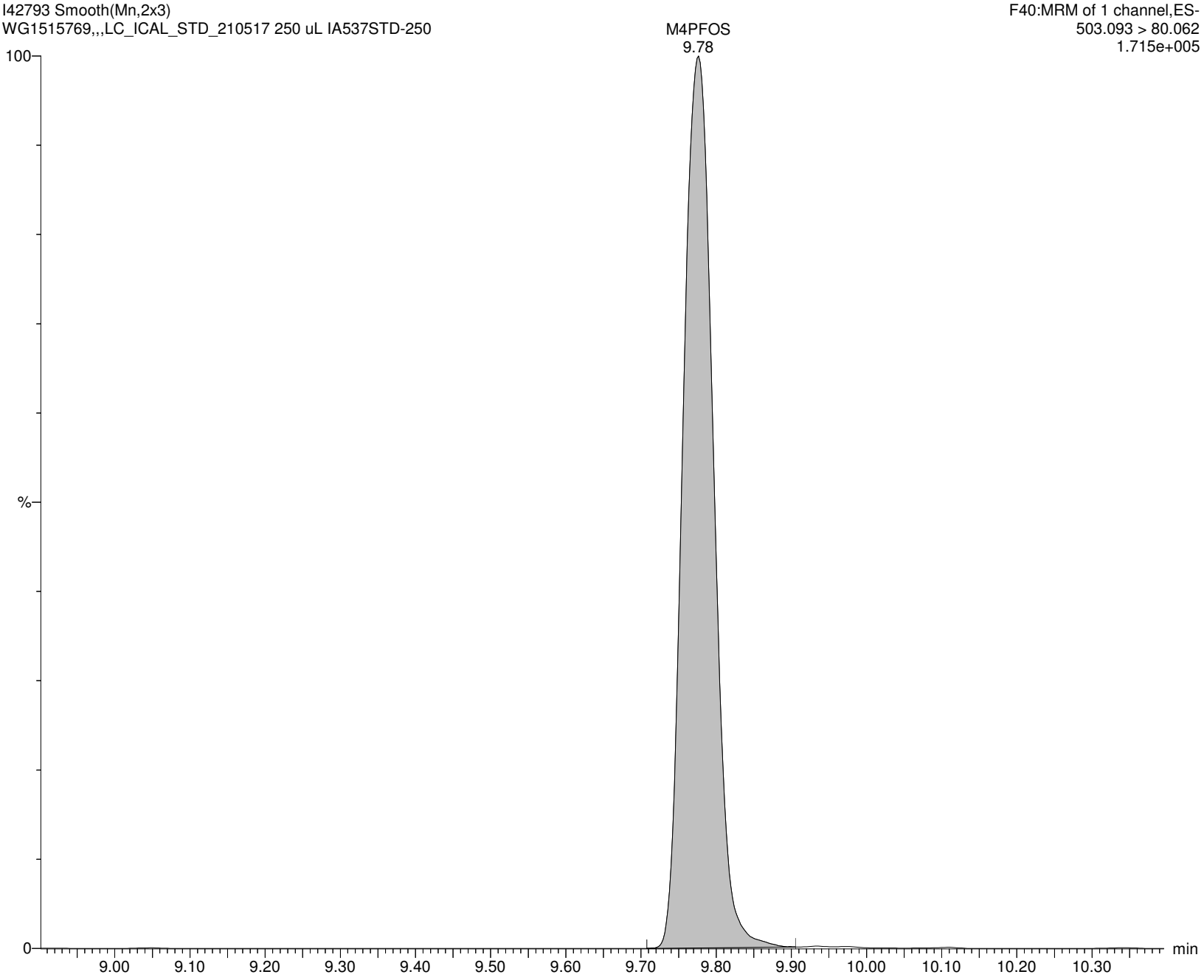


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOS

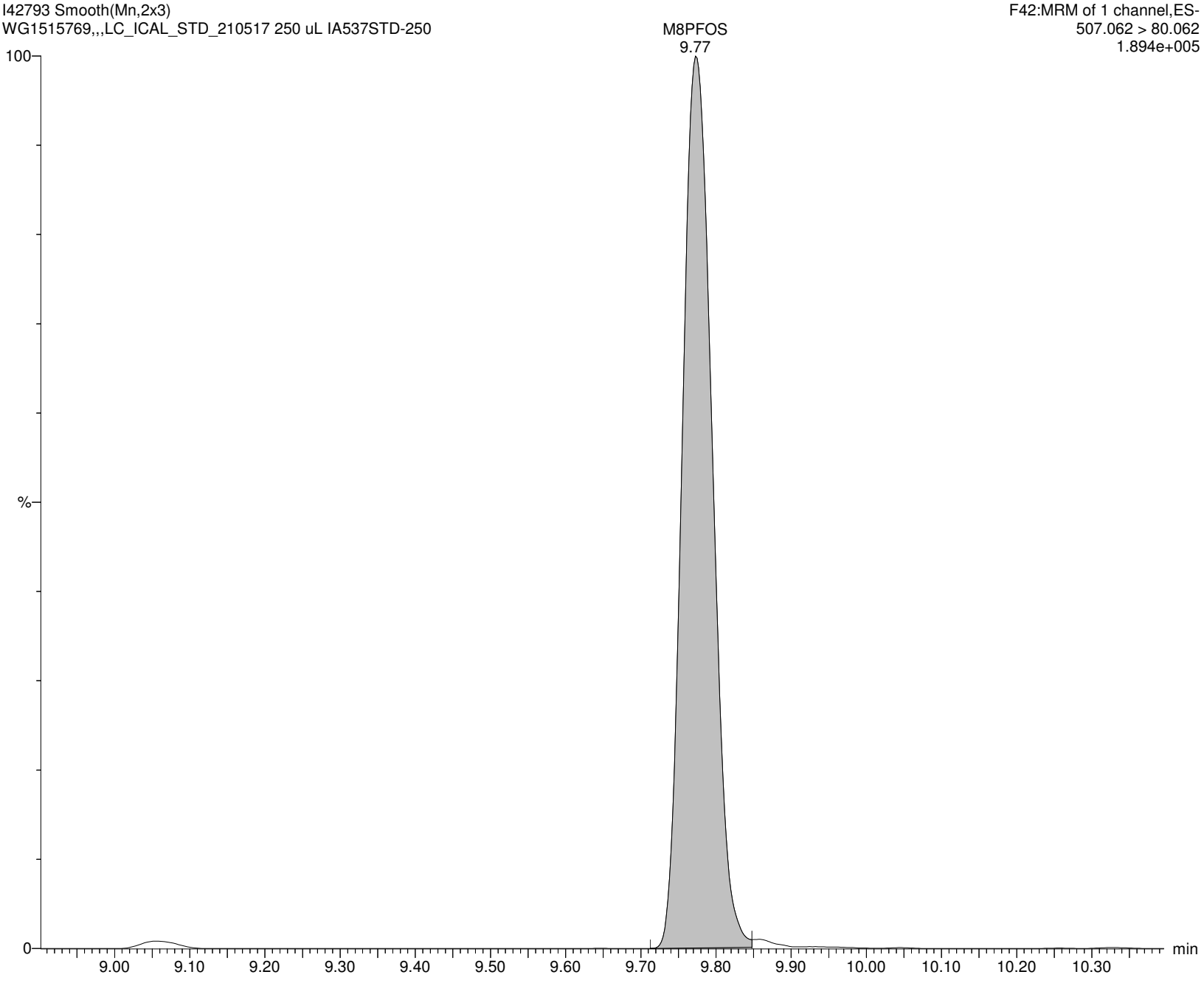


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOS

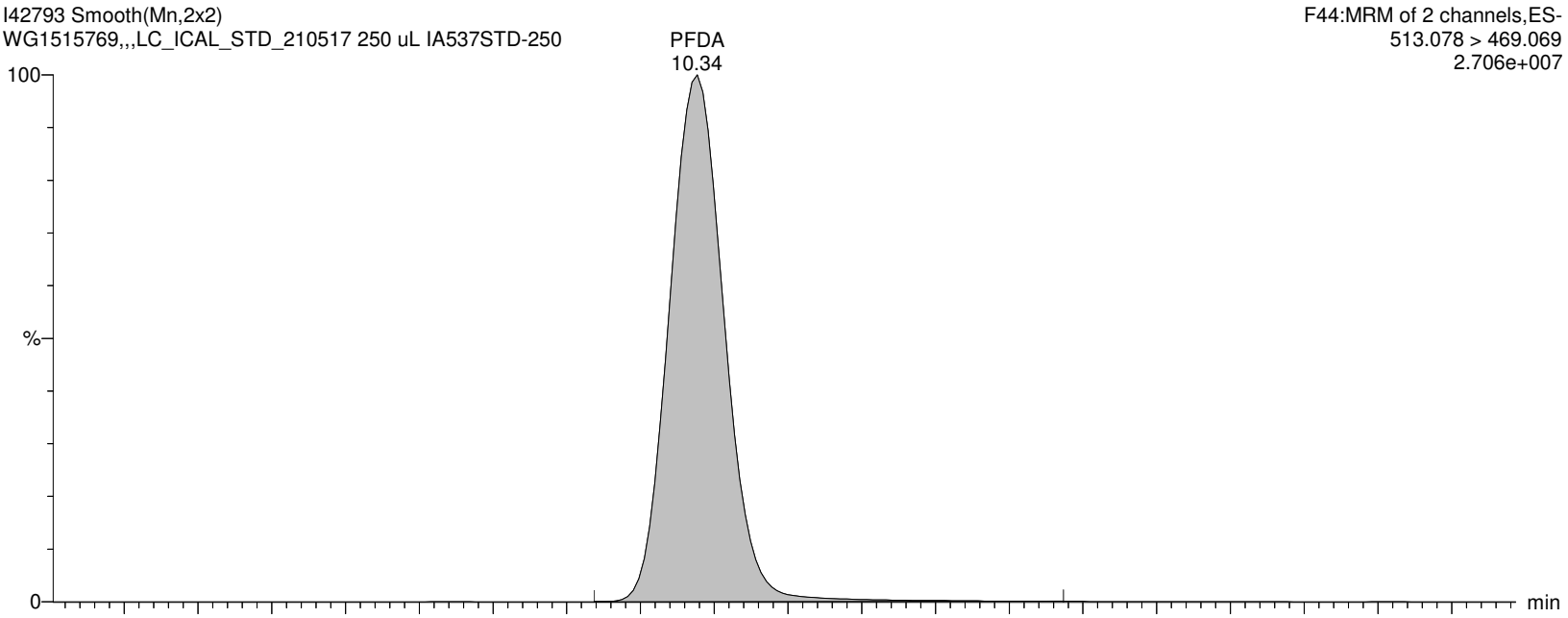


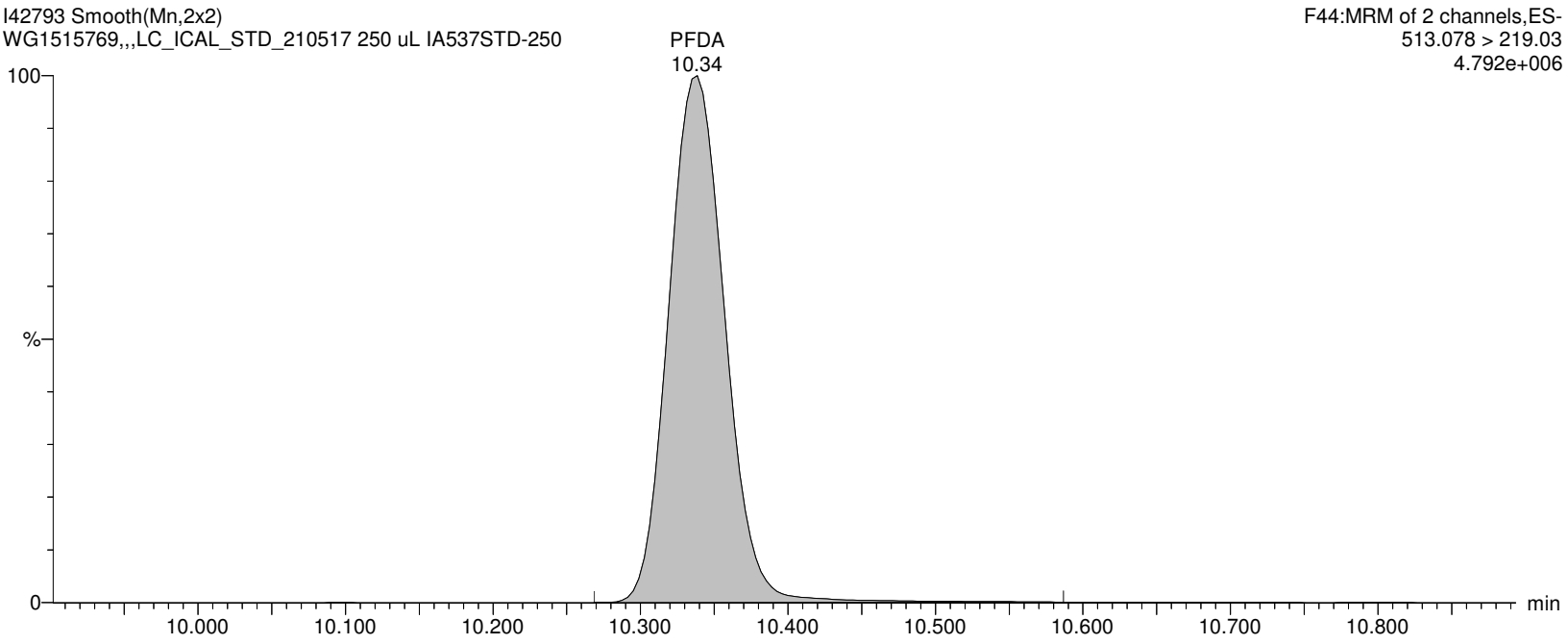
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDA



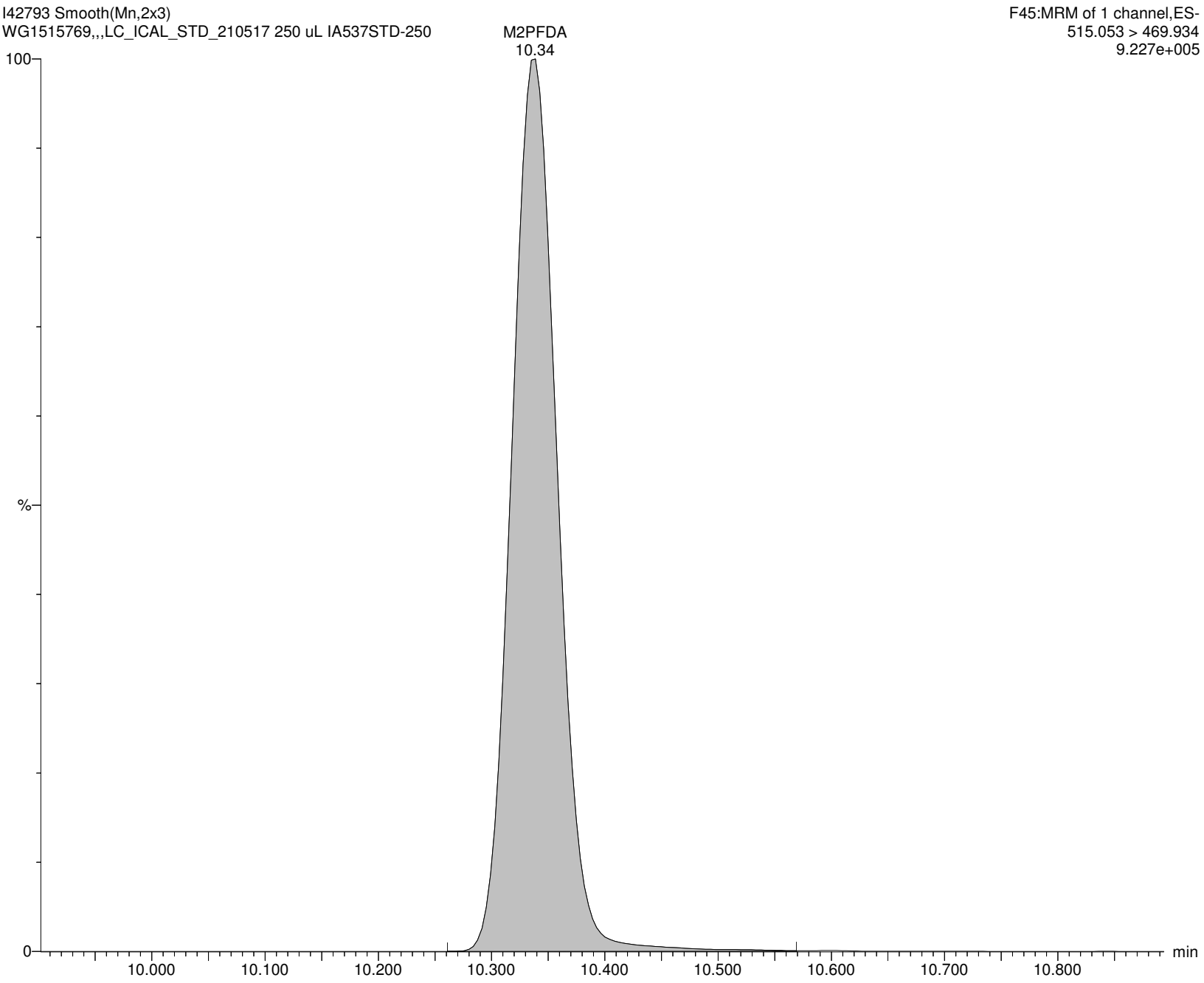


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFDA

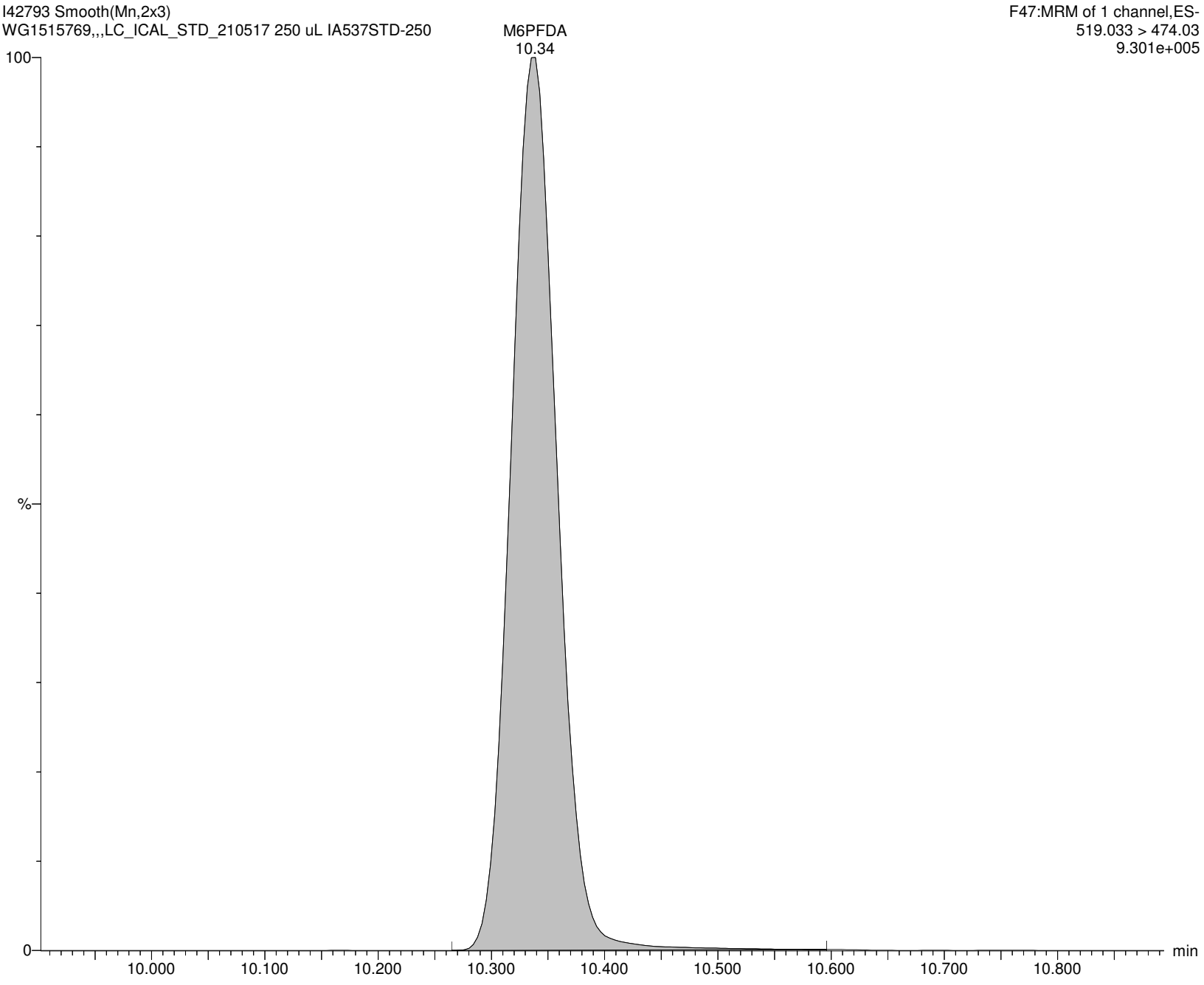


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M6PFDA

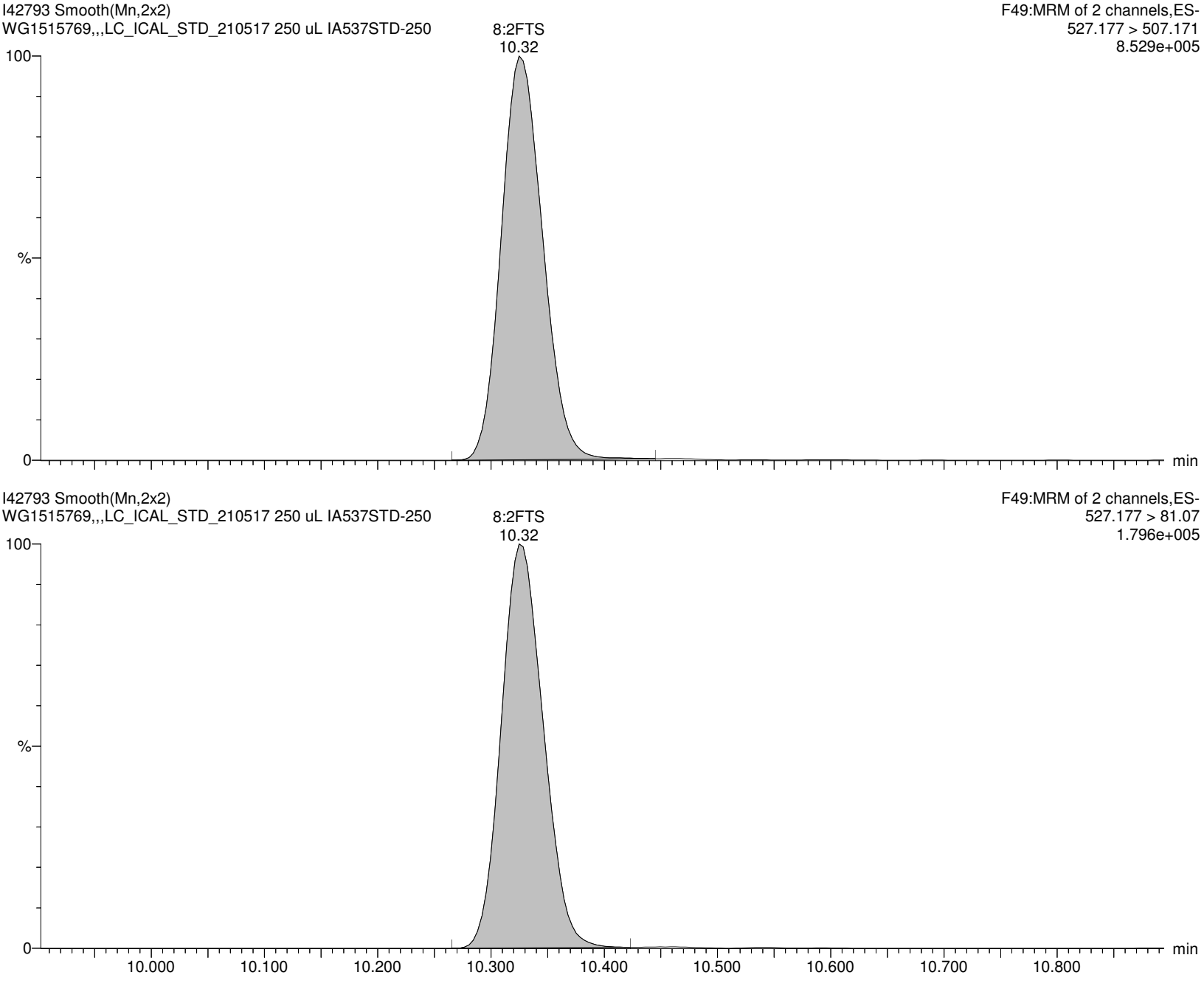


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

8:2FTS

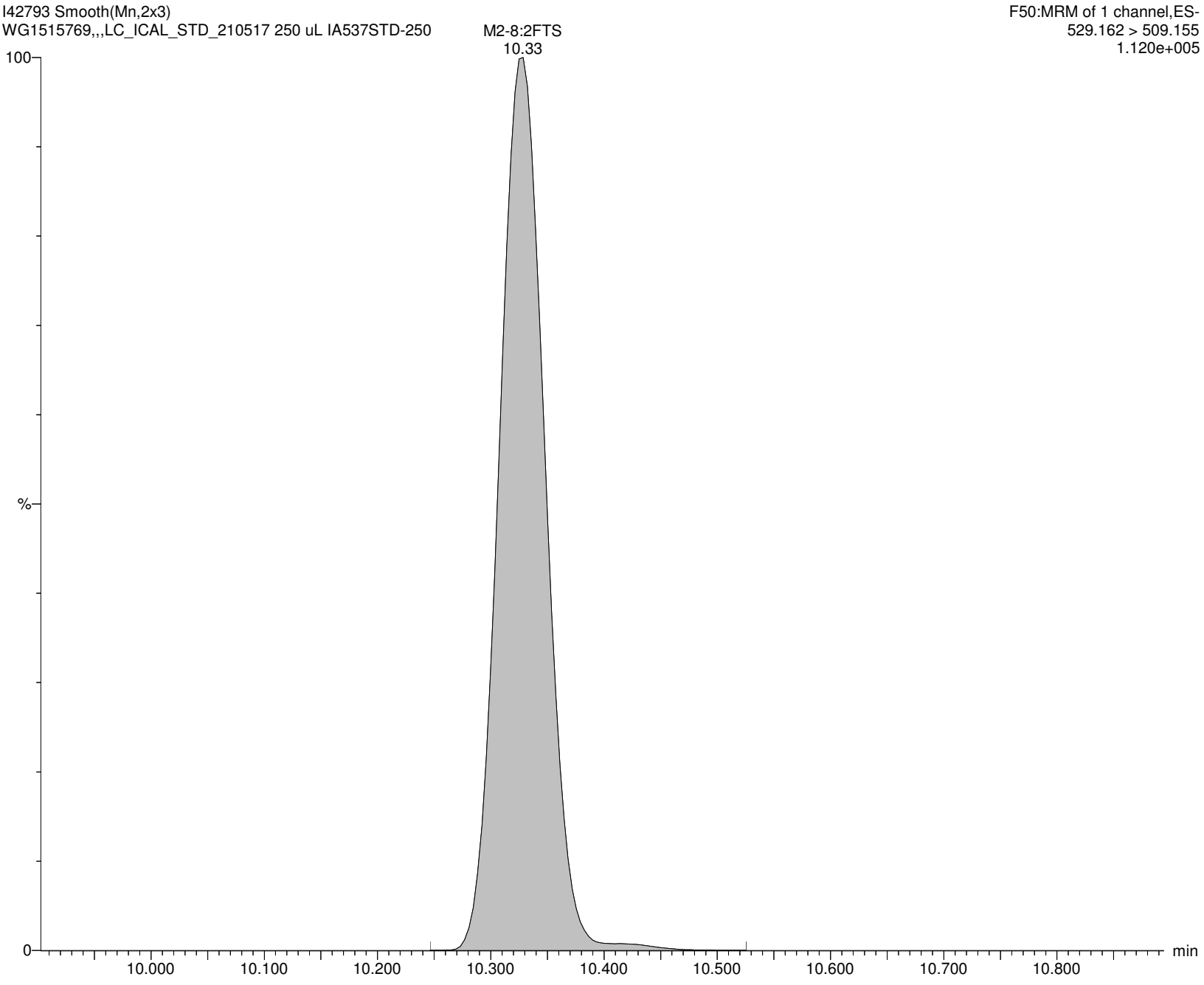


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-8:2FTS

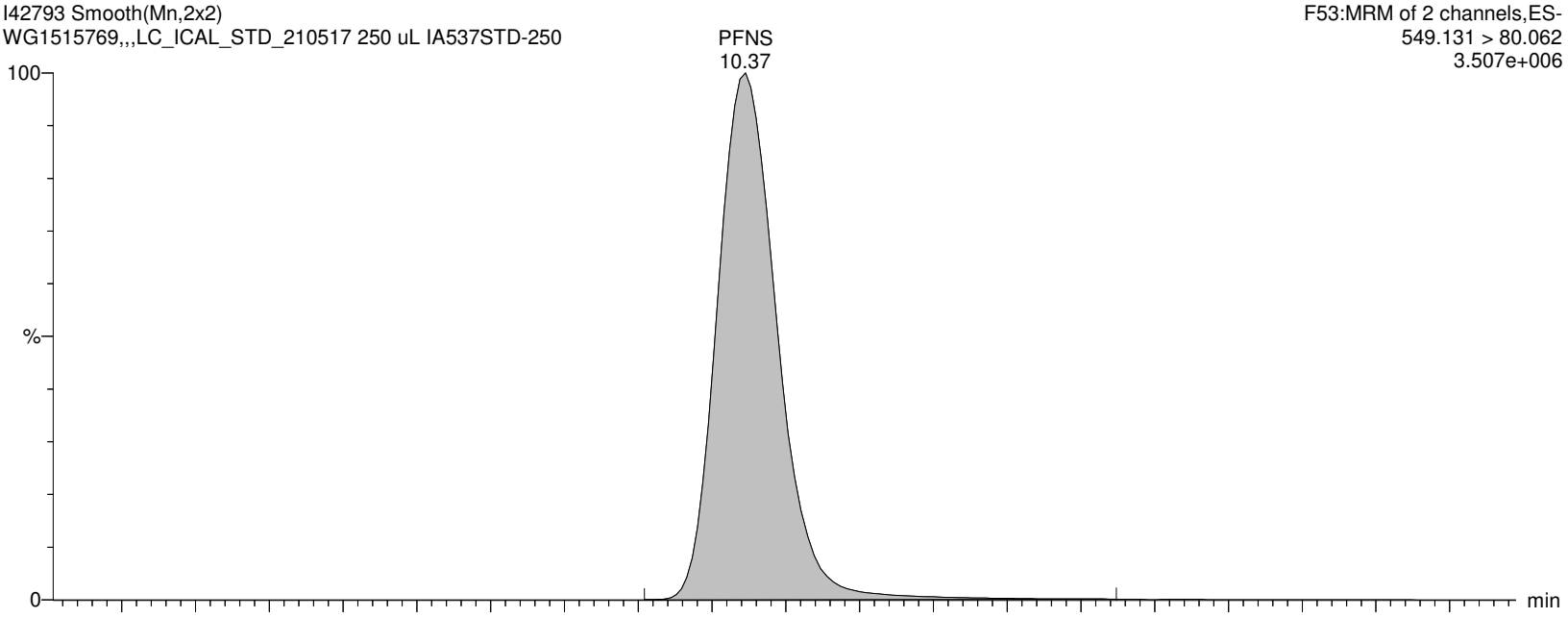


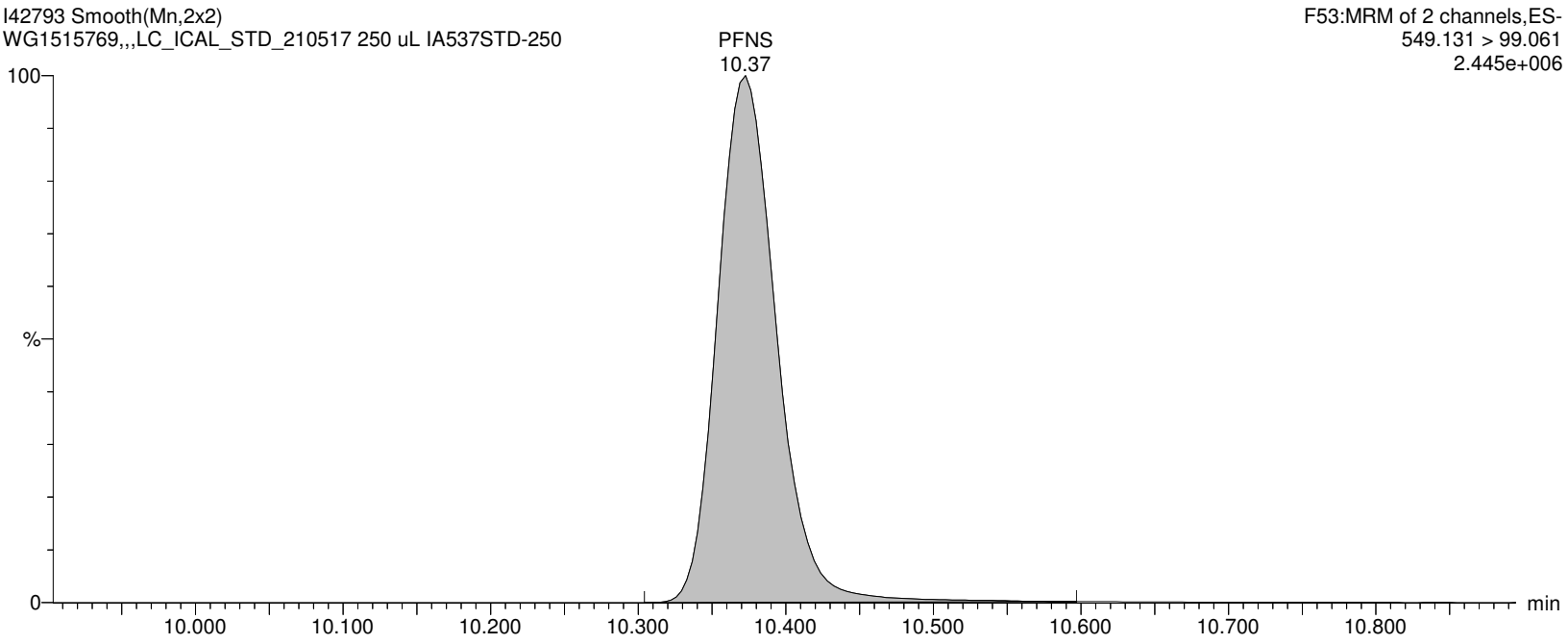
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNS



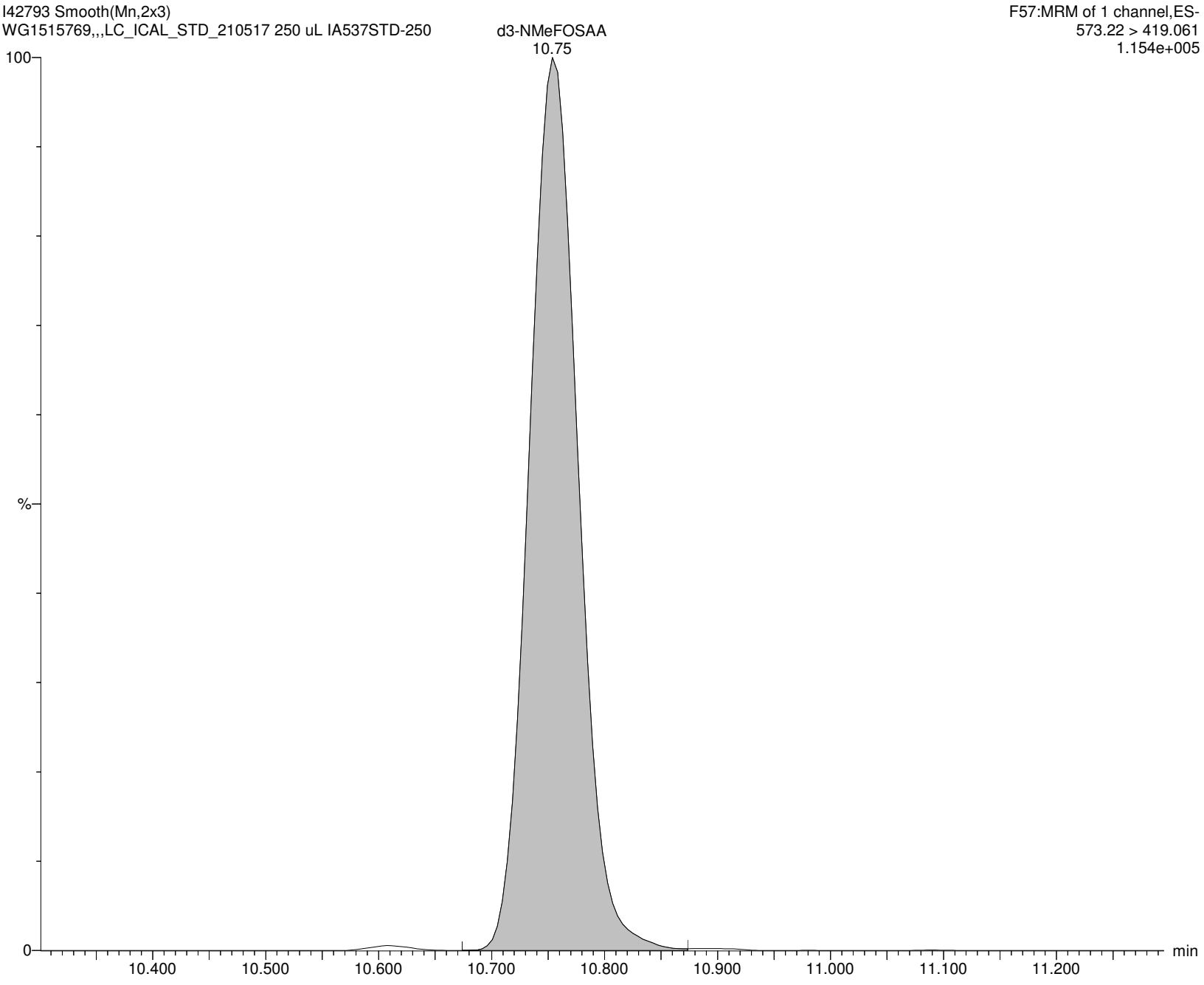


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSAA

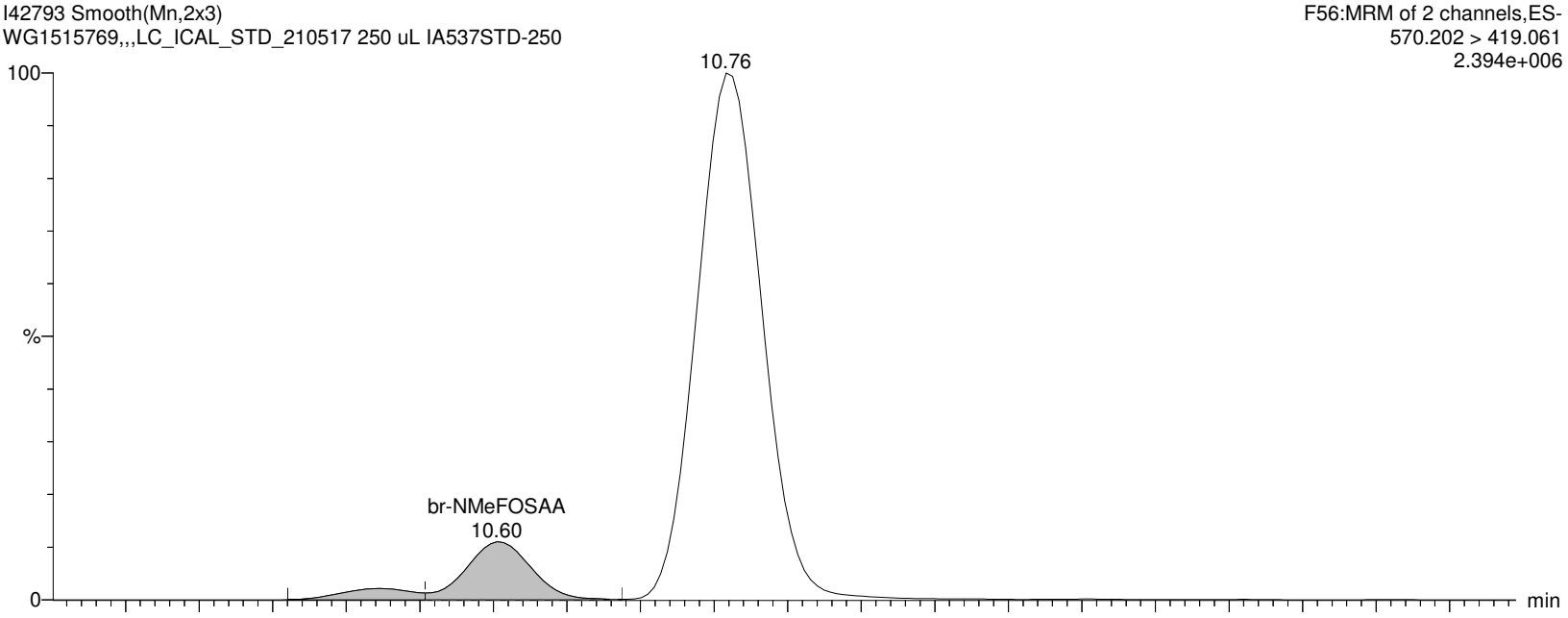


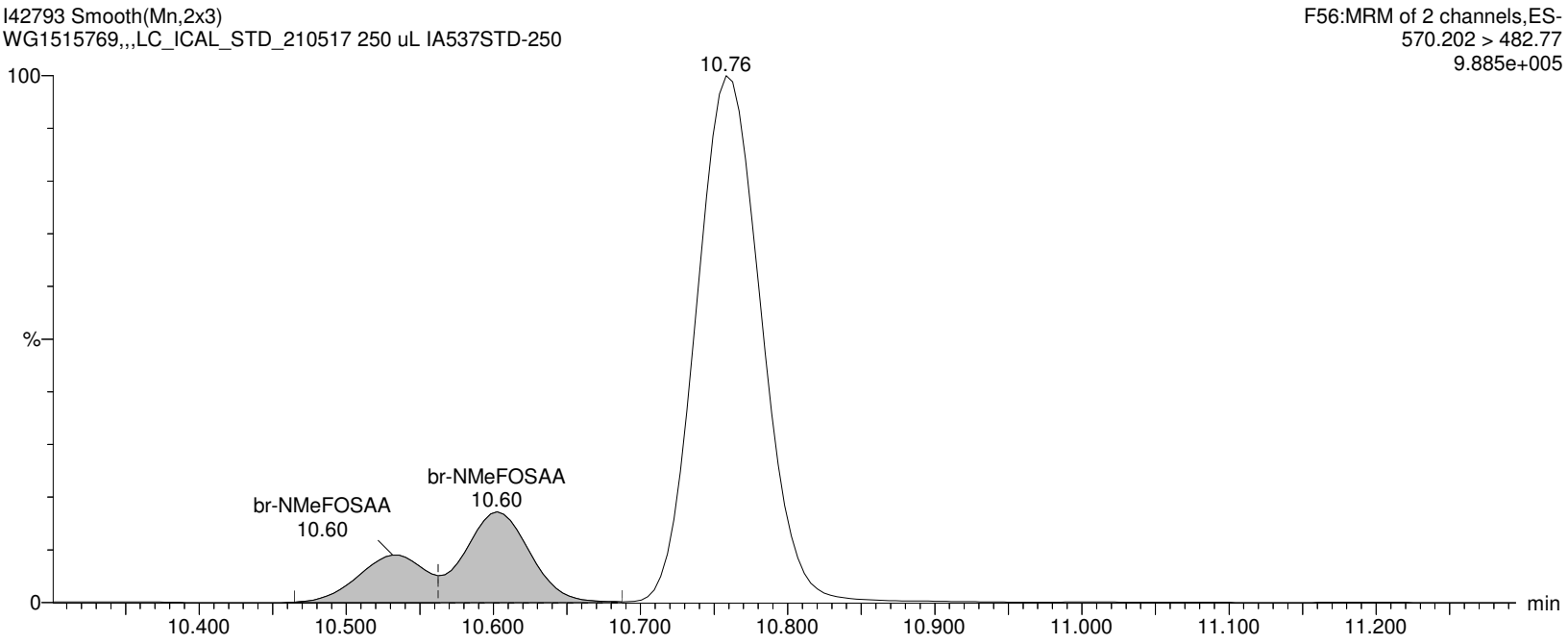
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NMeFOSAA



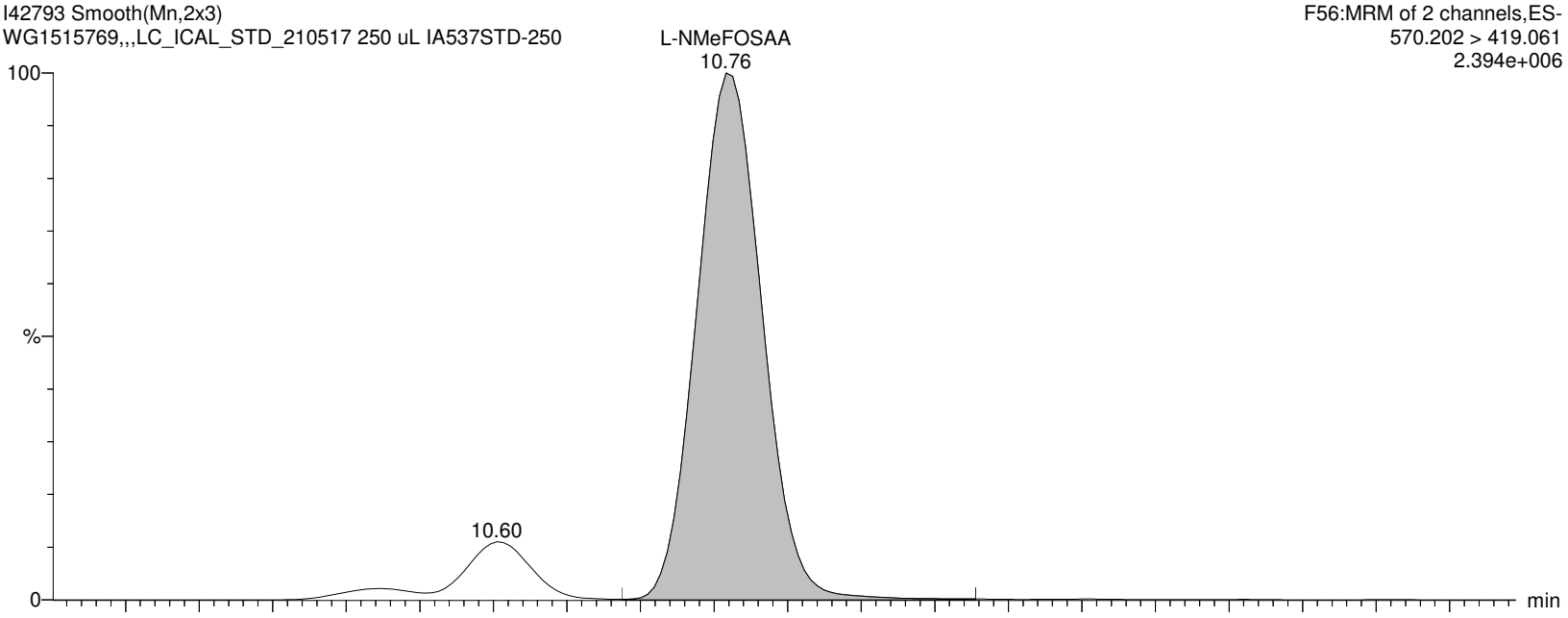


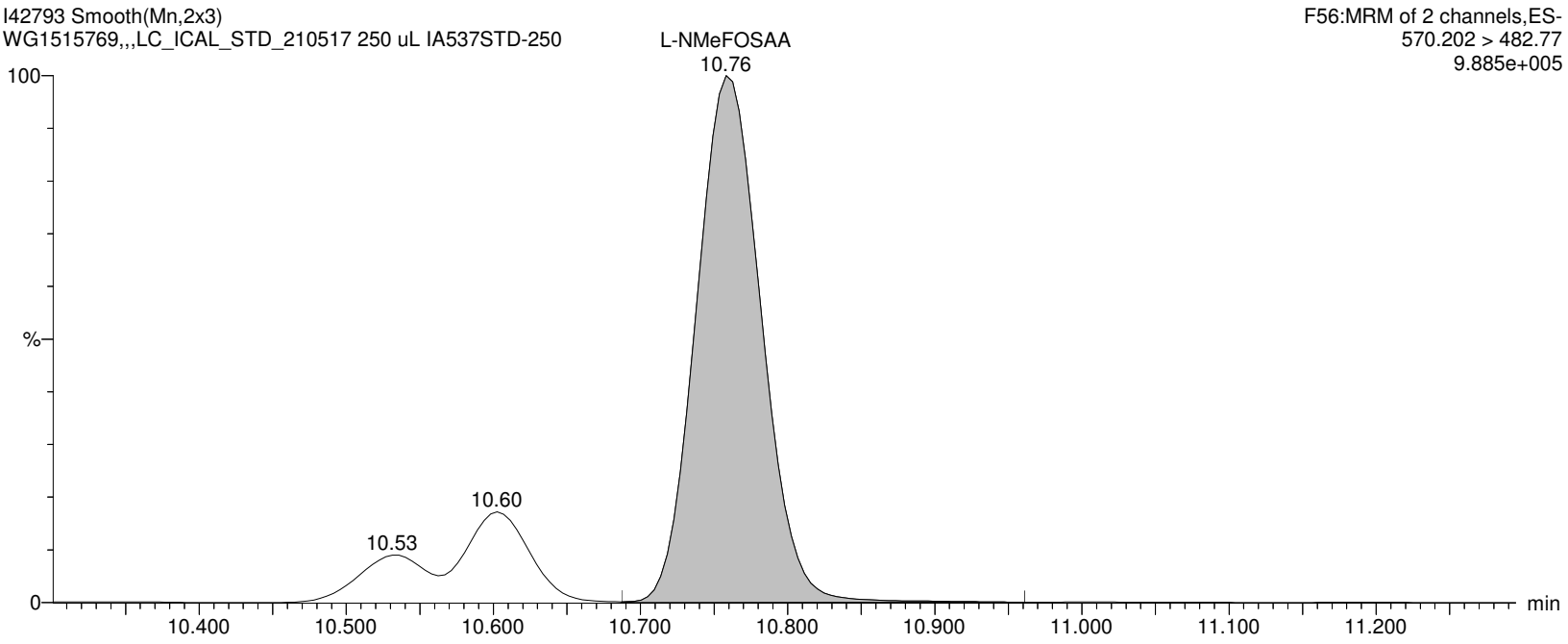
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NMeFOSAA



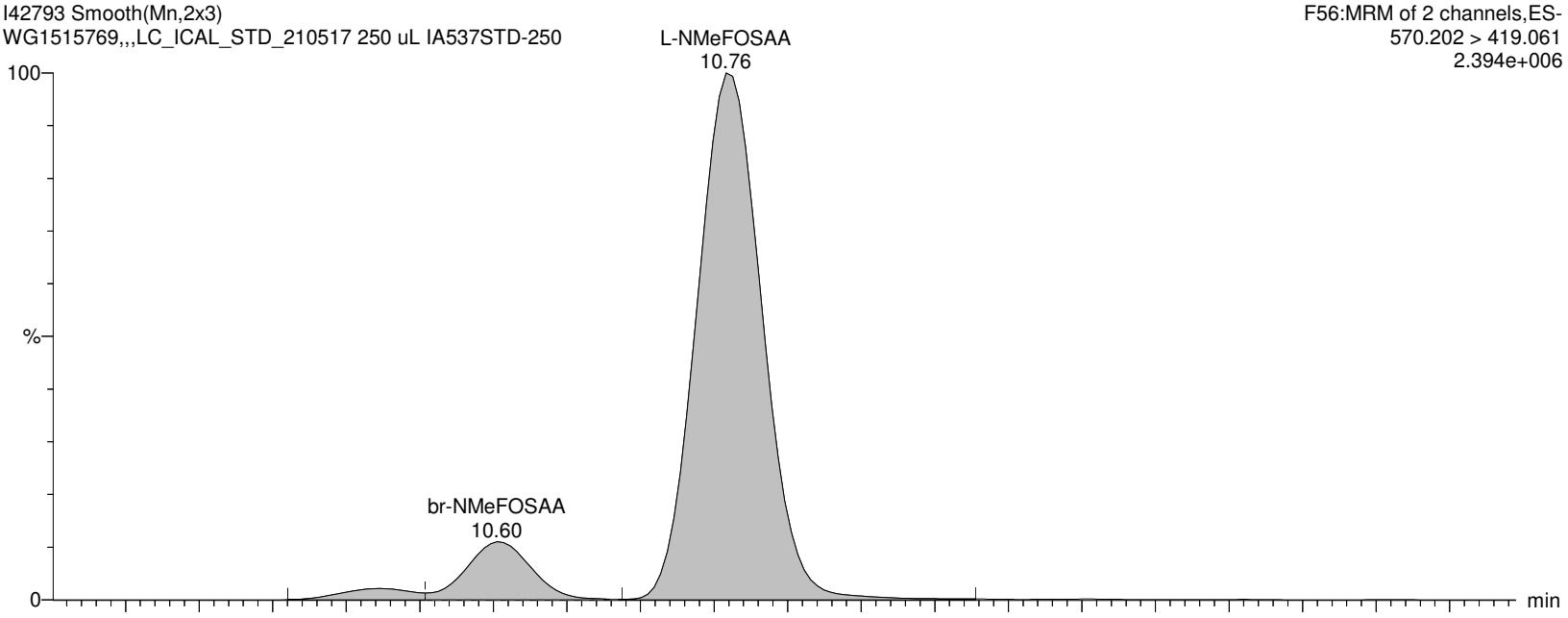


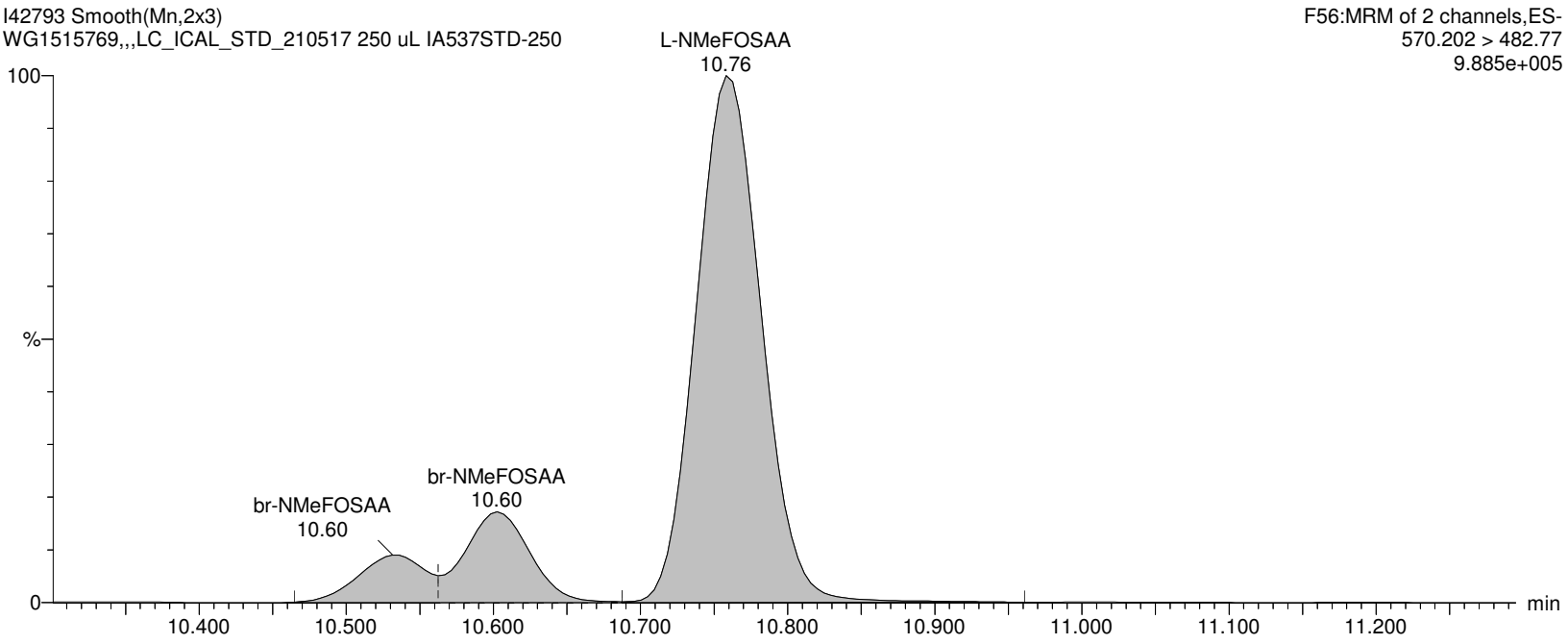
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSAA



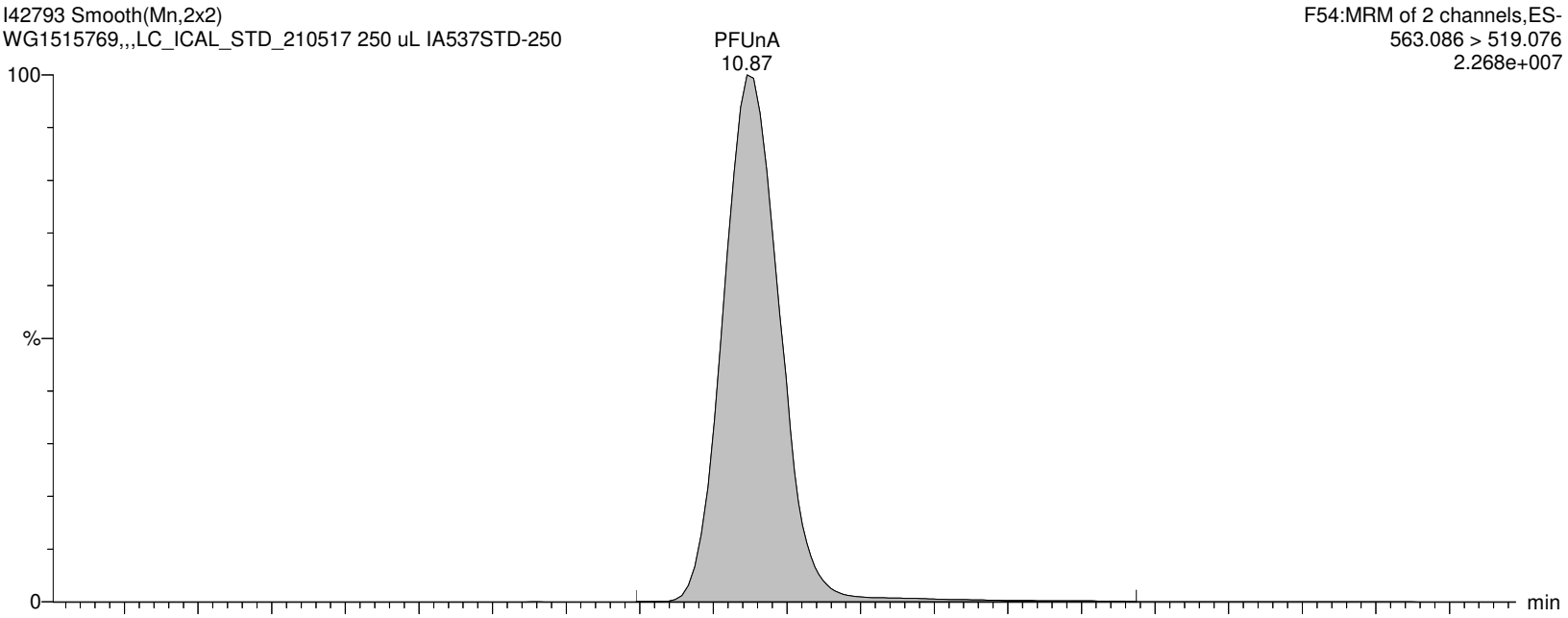


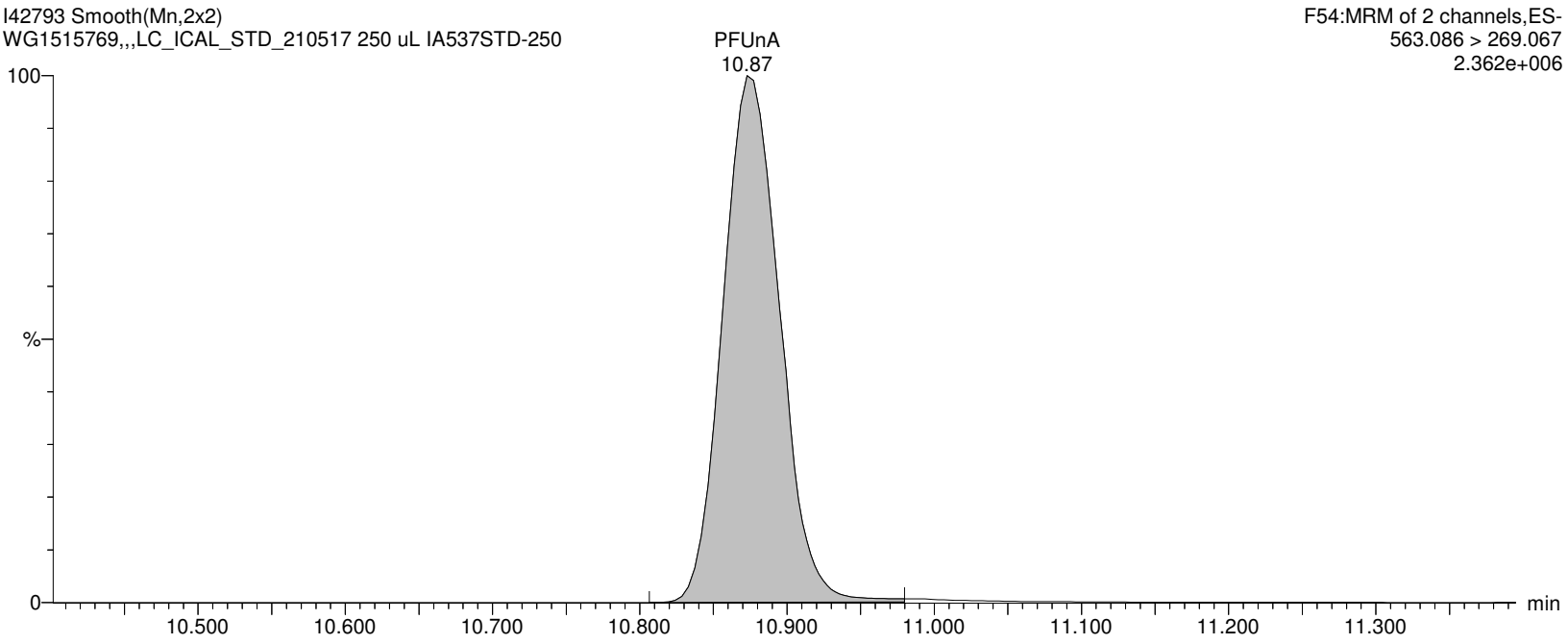
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFUnA



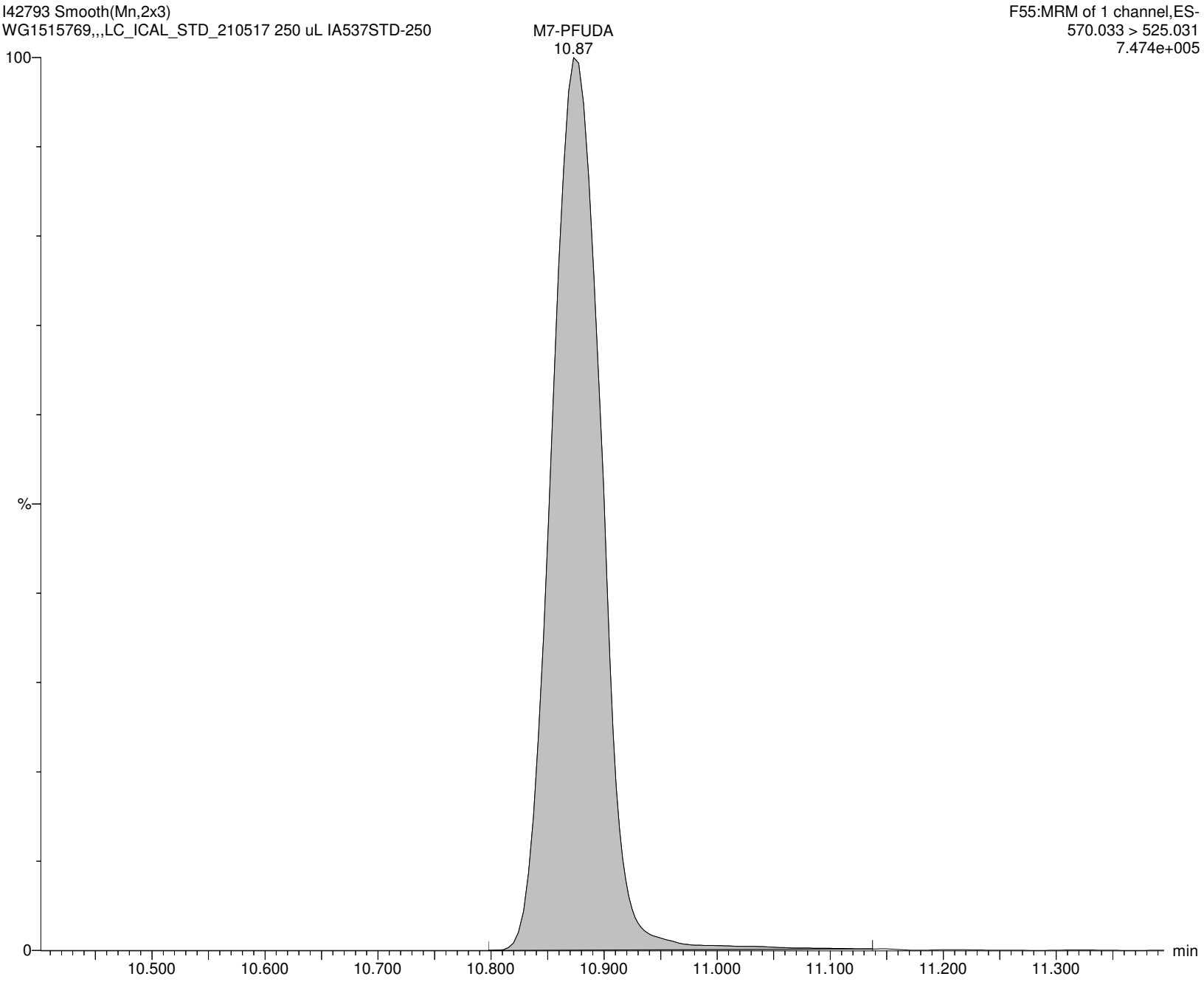


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M7-PFUDA

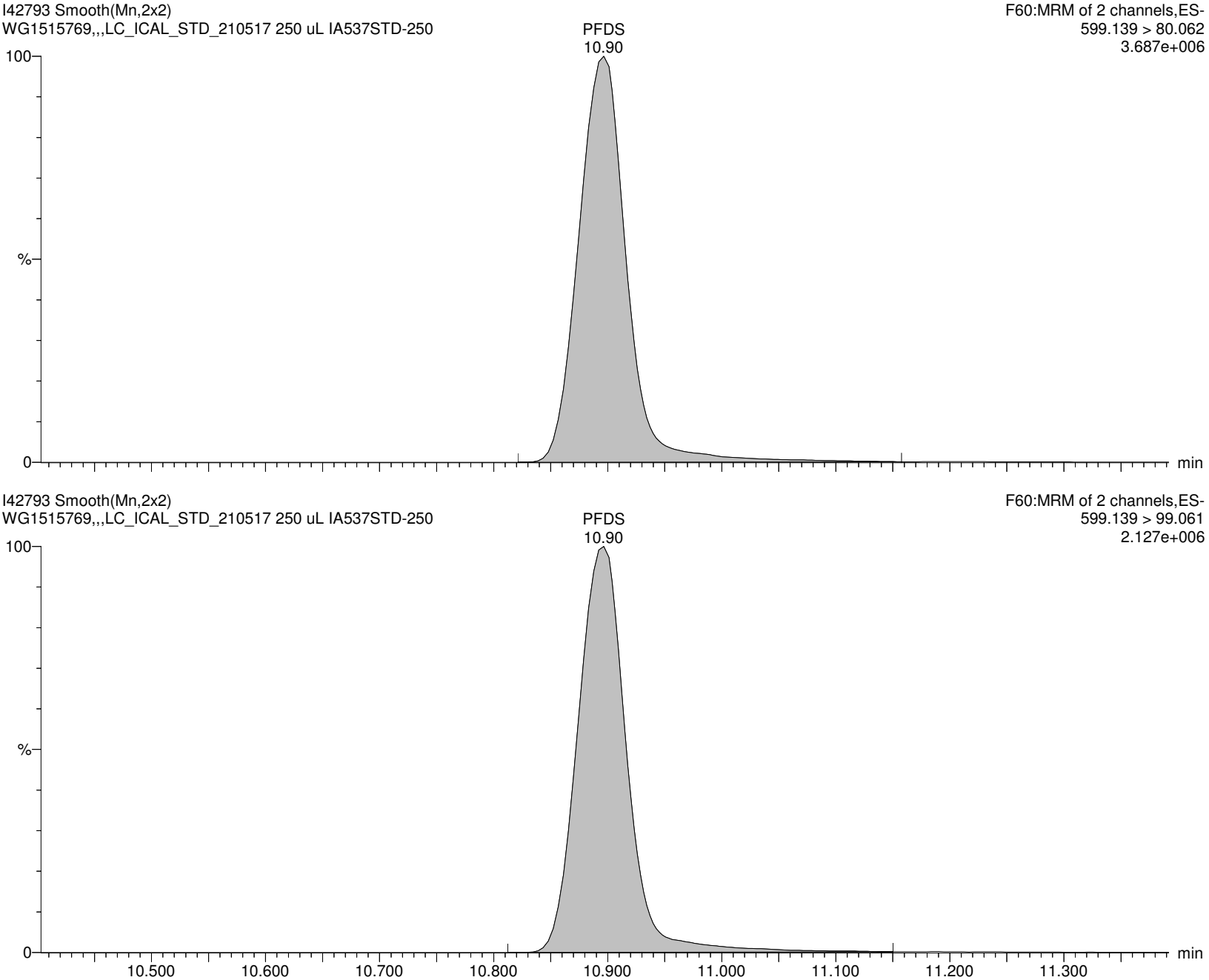


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDS

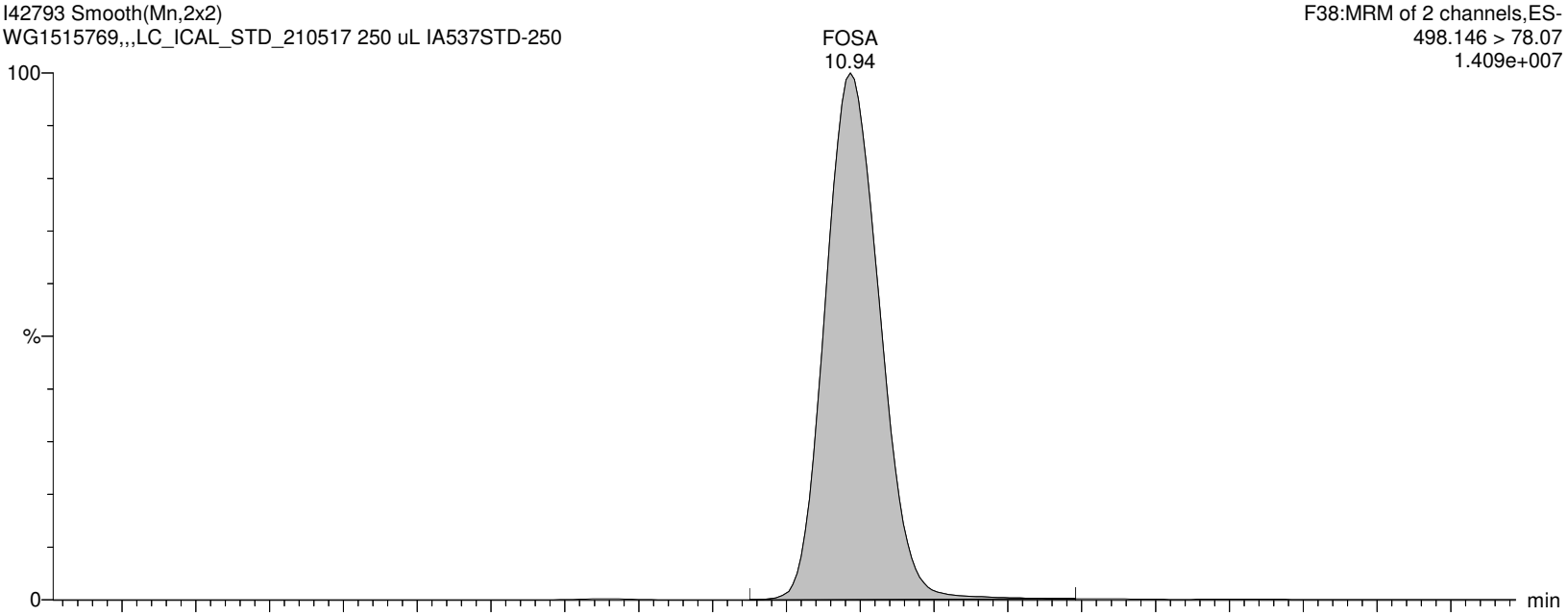


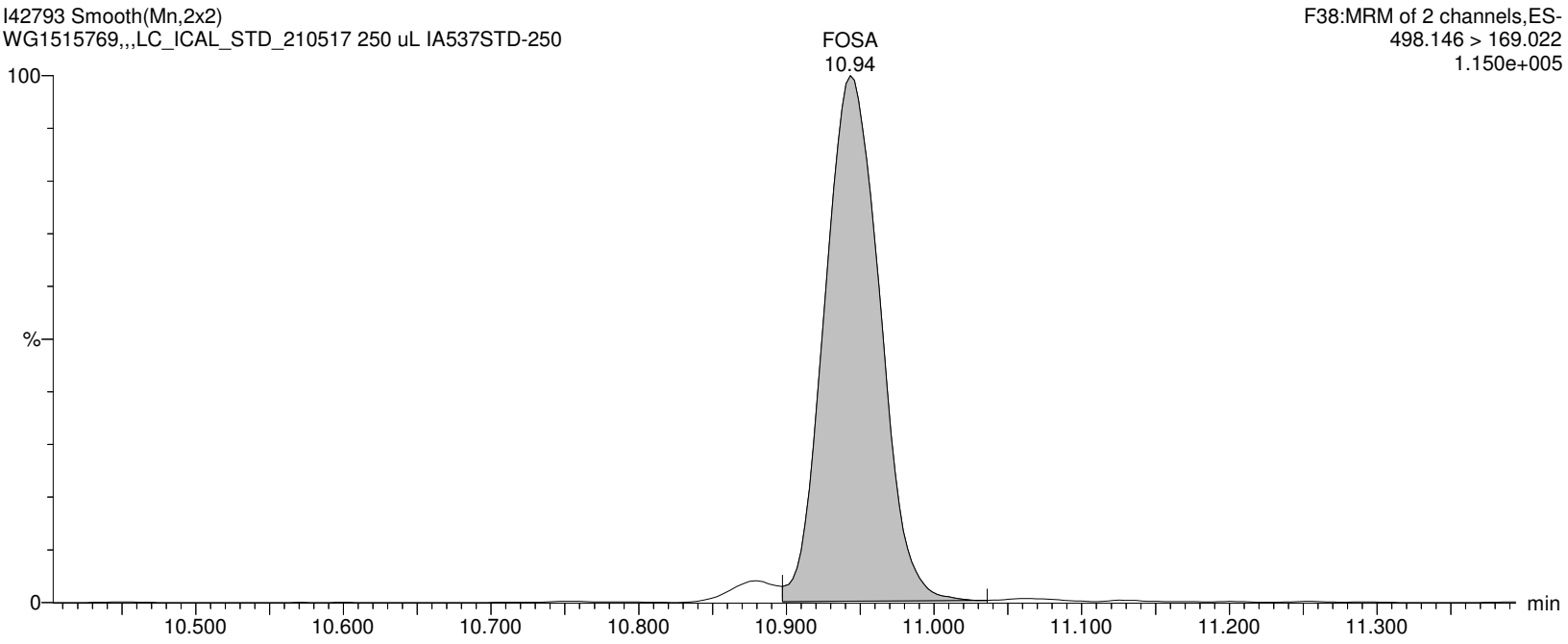
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

FOSA



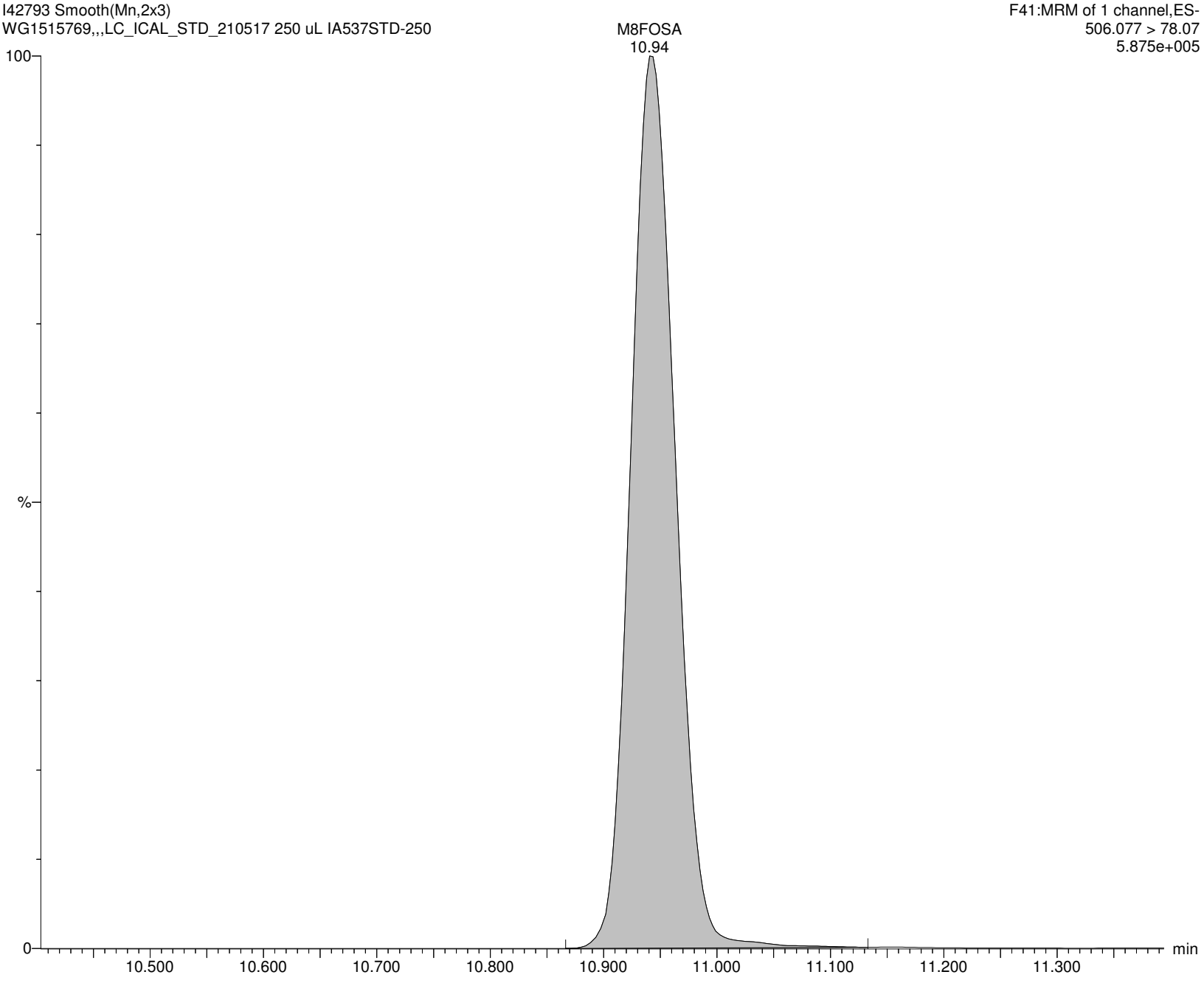


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8FOSA

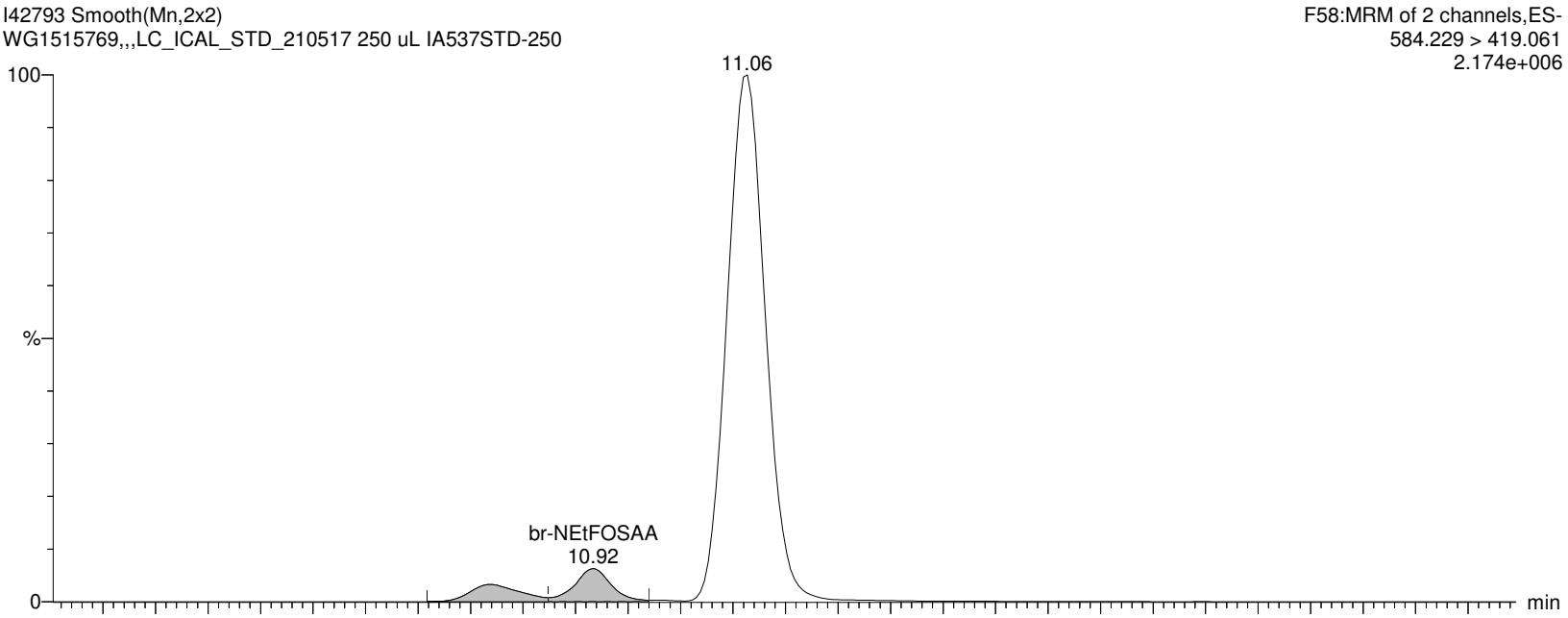


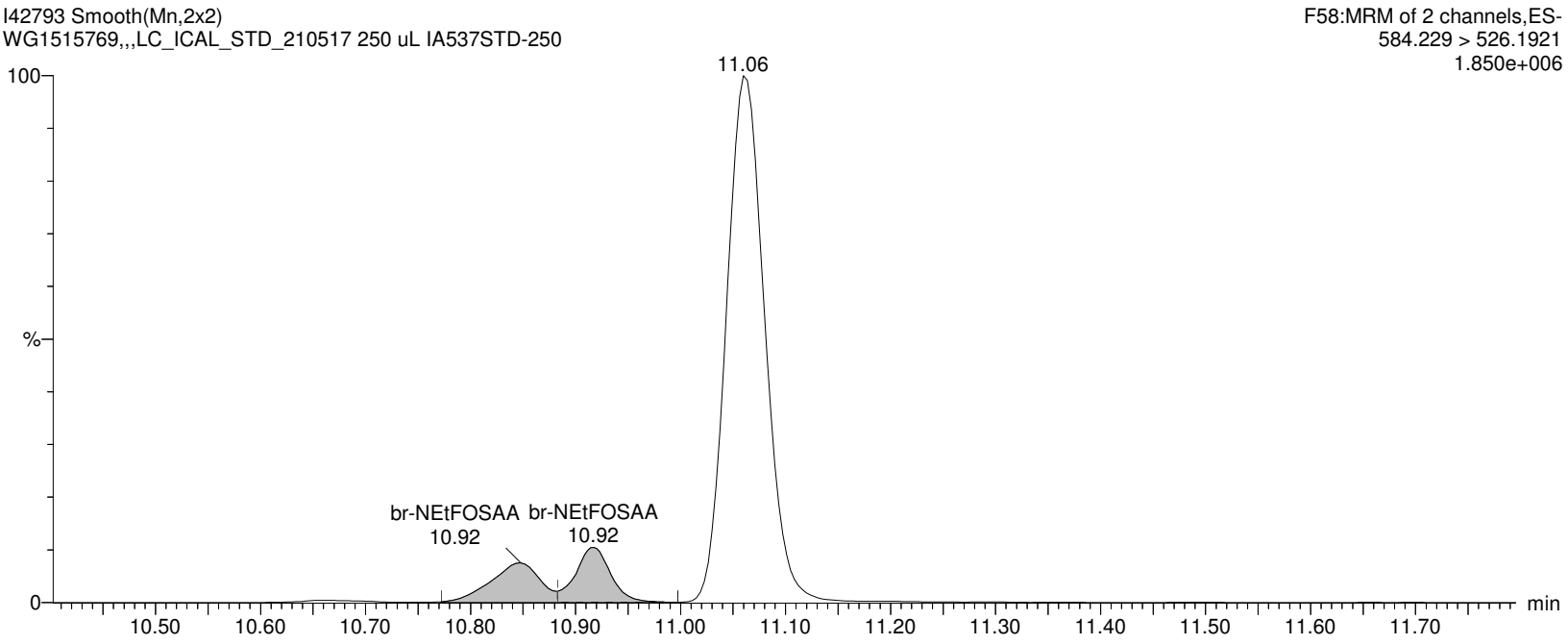
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NEtFOSAA



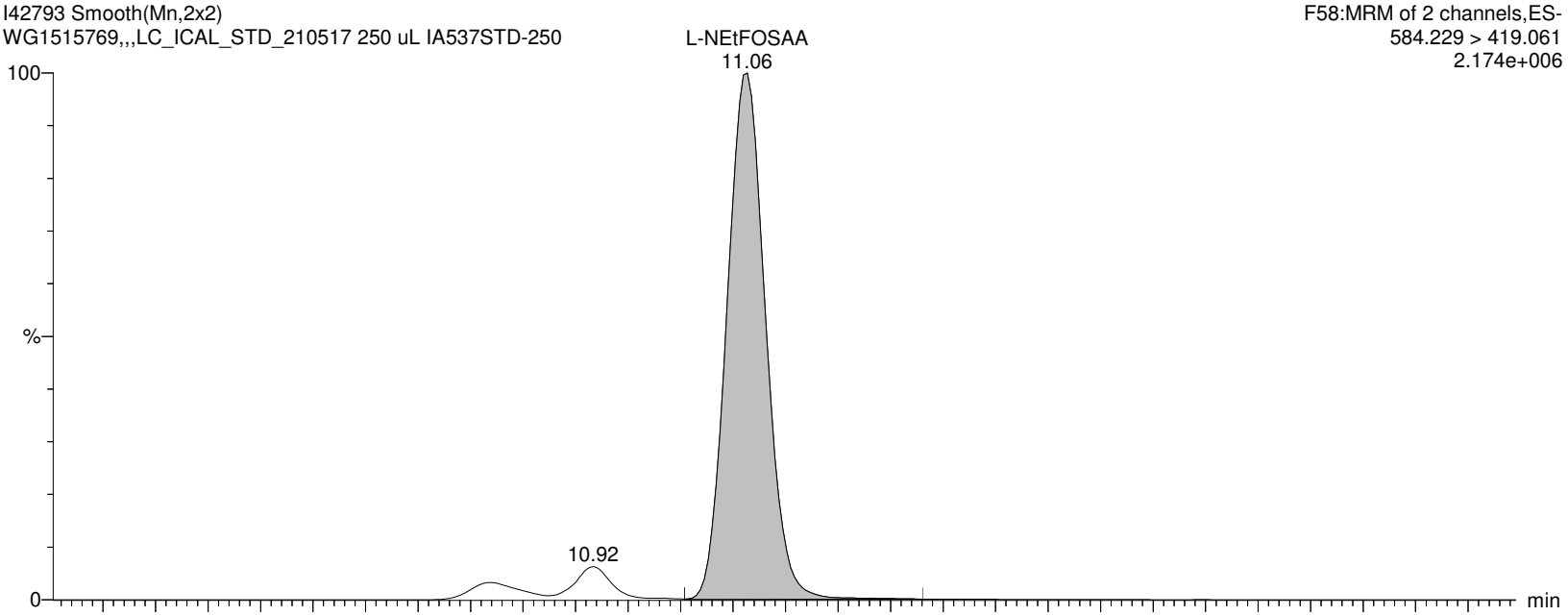


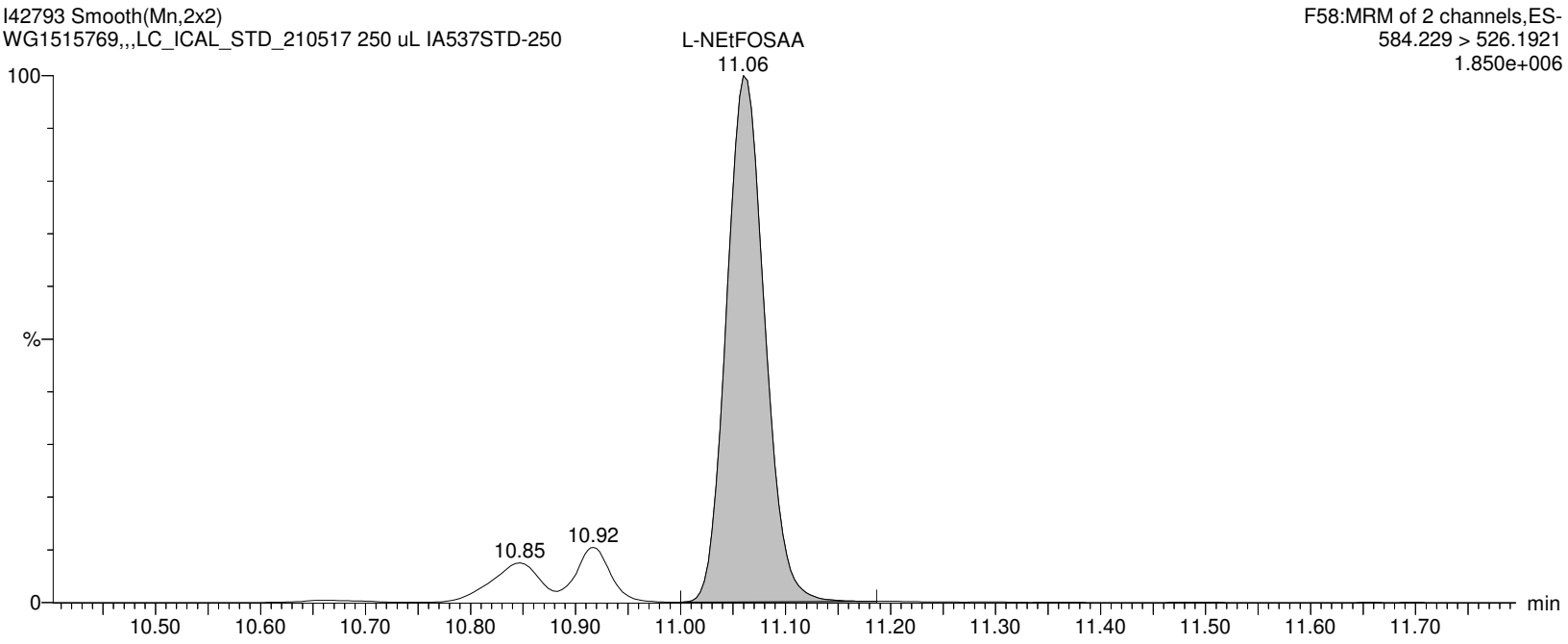
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NEtFOSAA



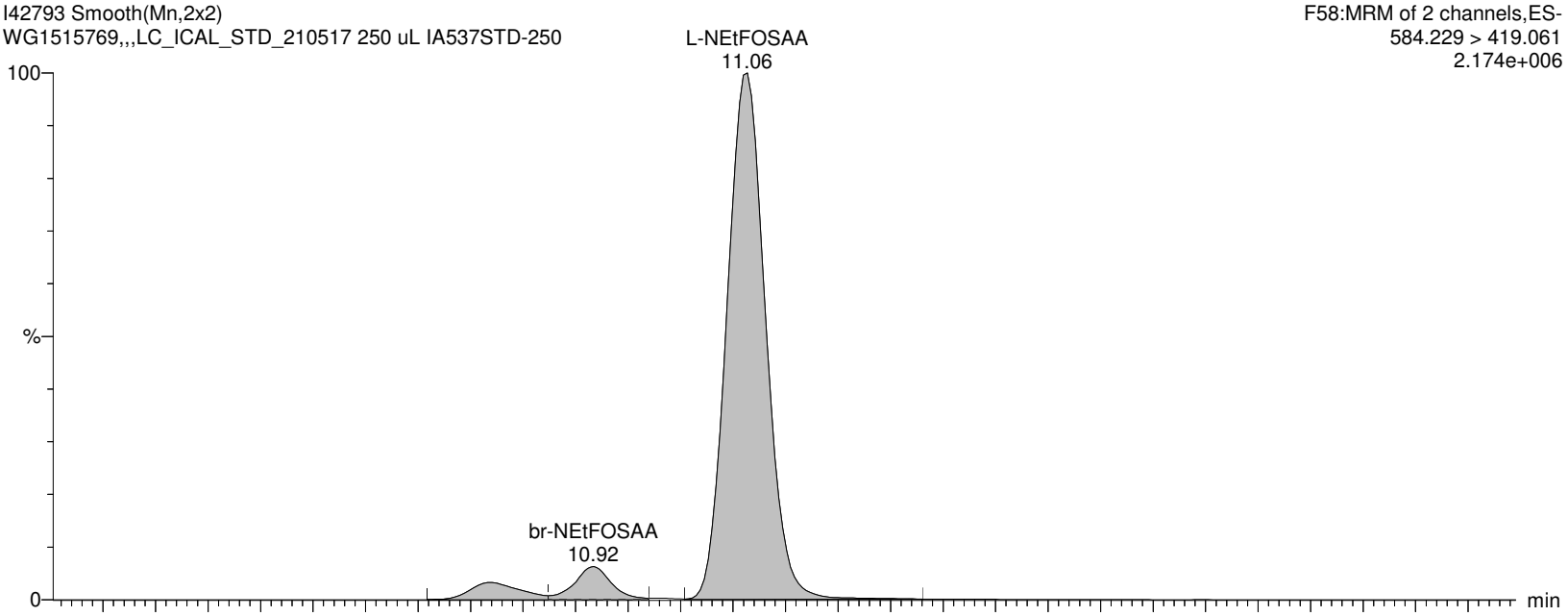


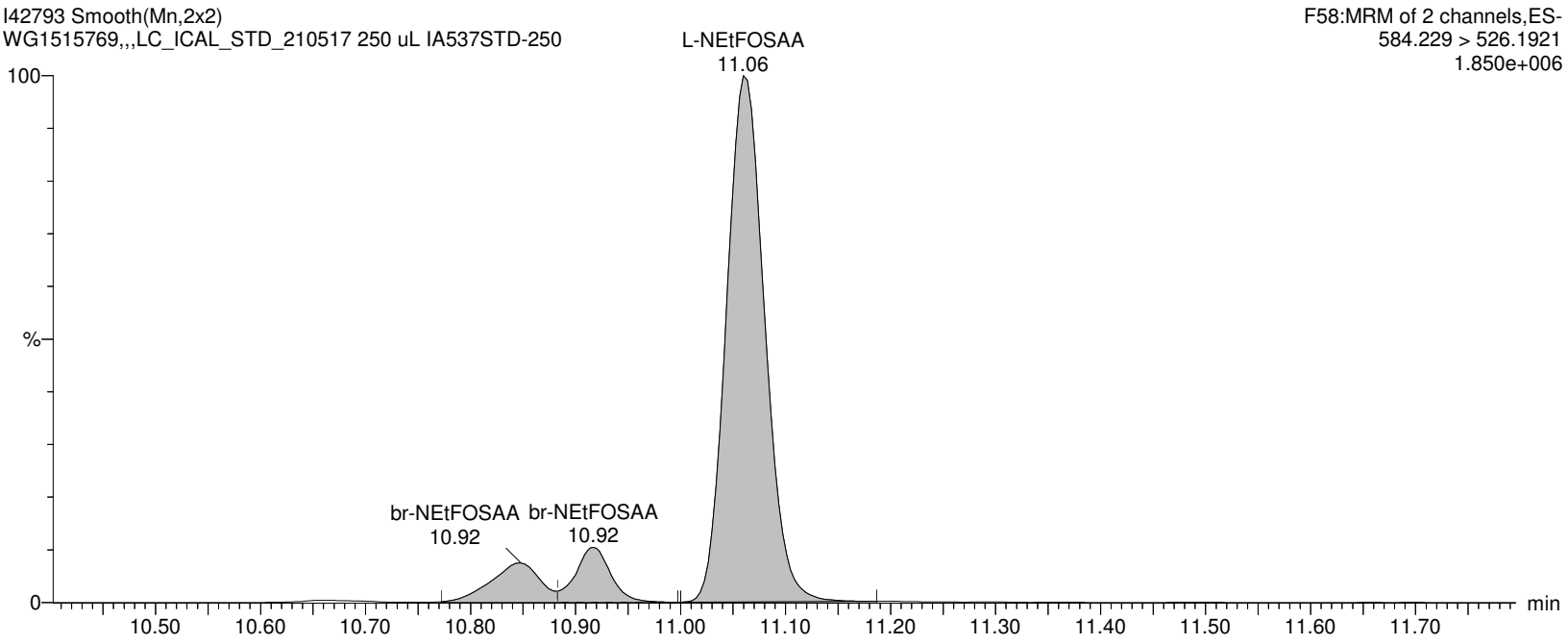
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSAA



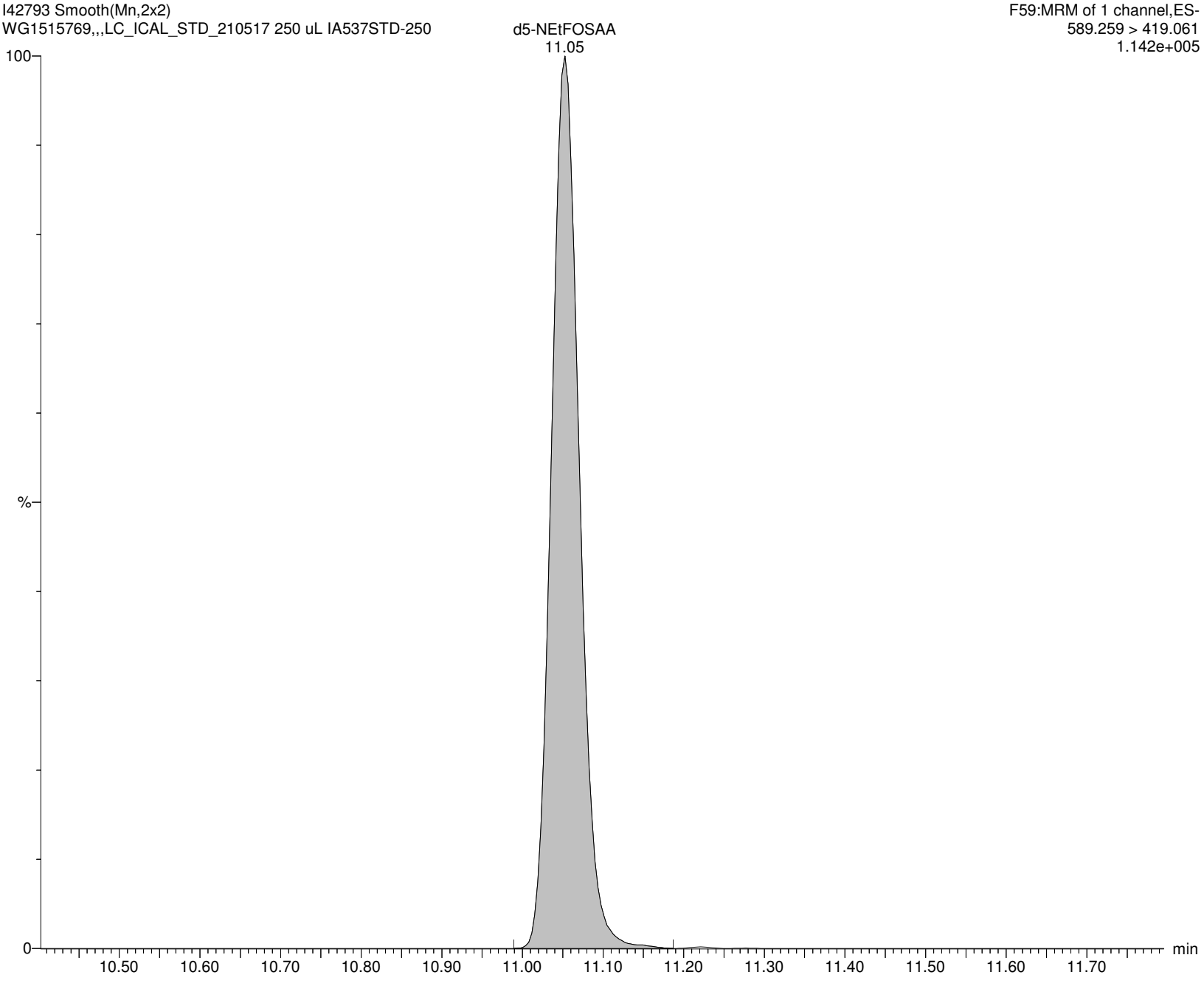


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSAA

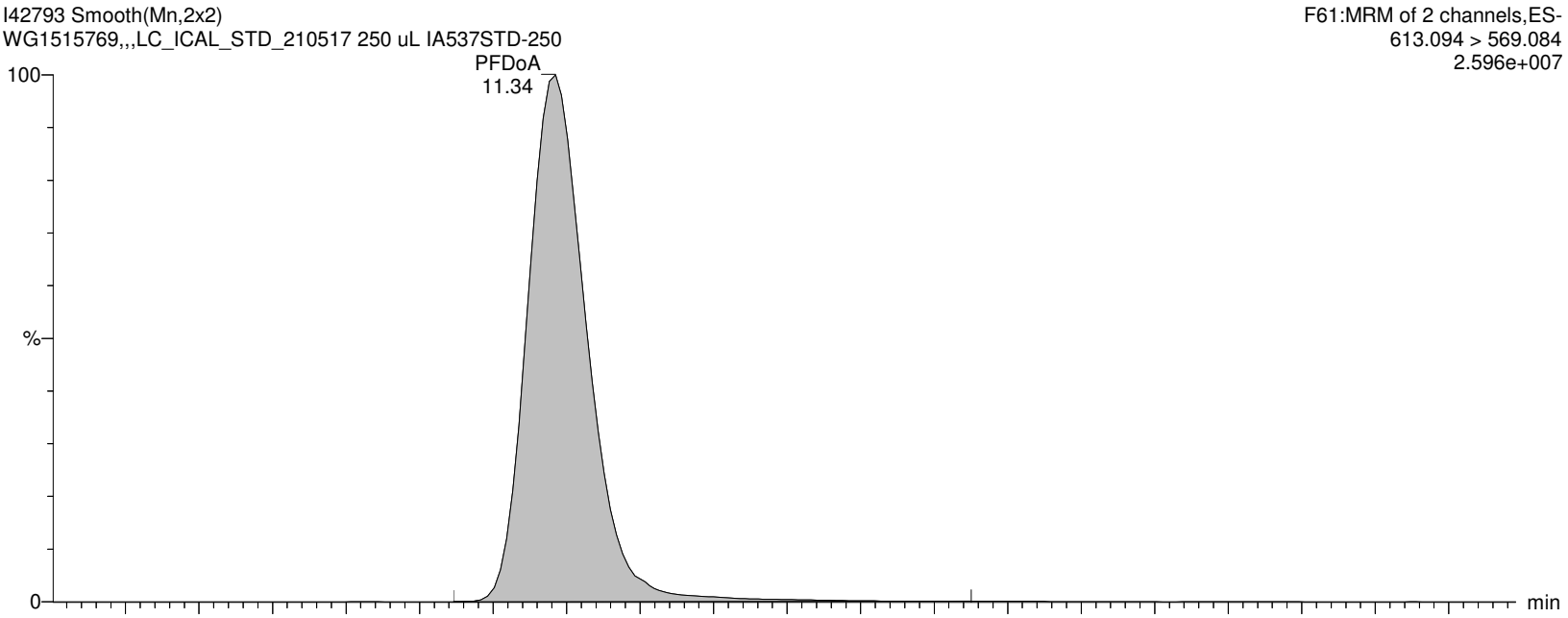


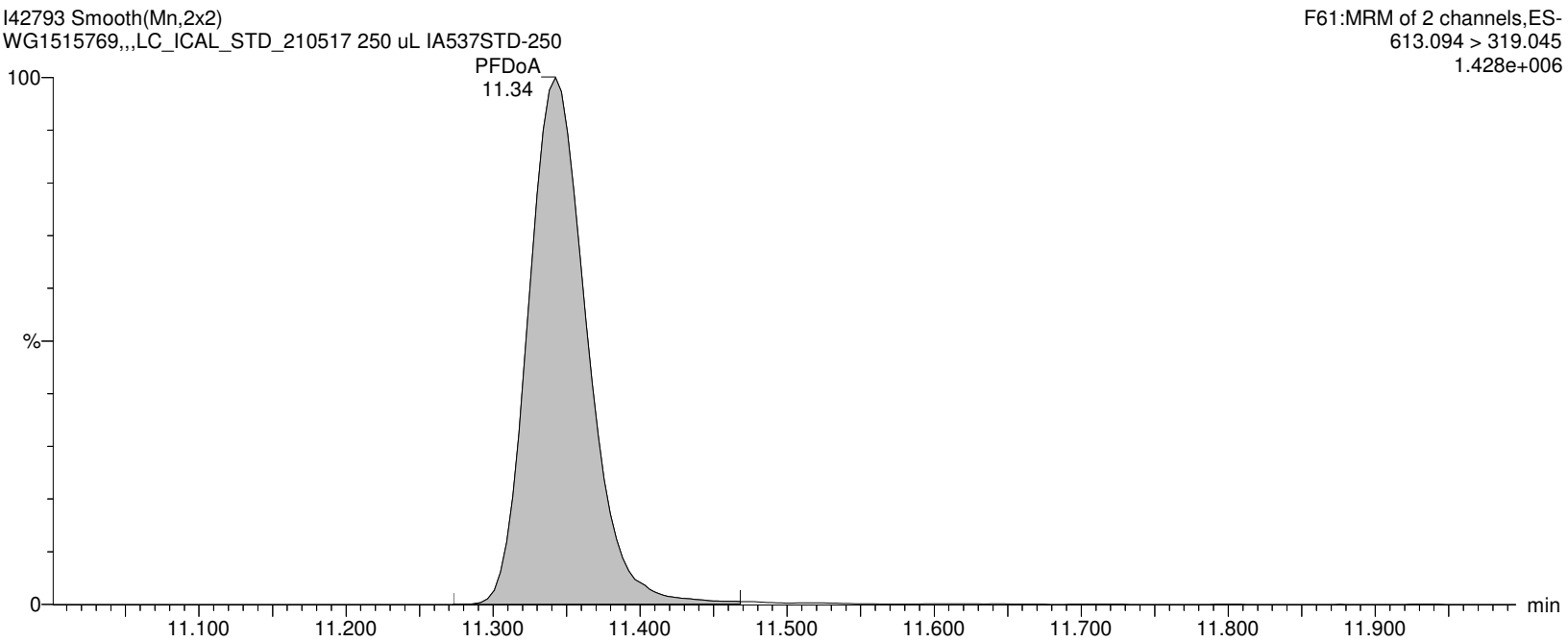
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoA



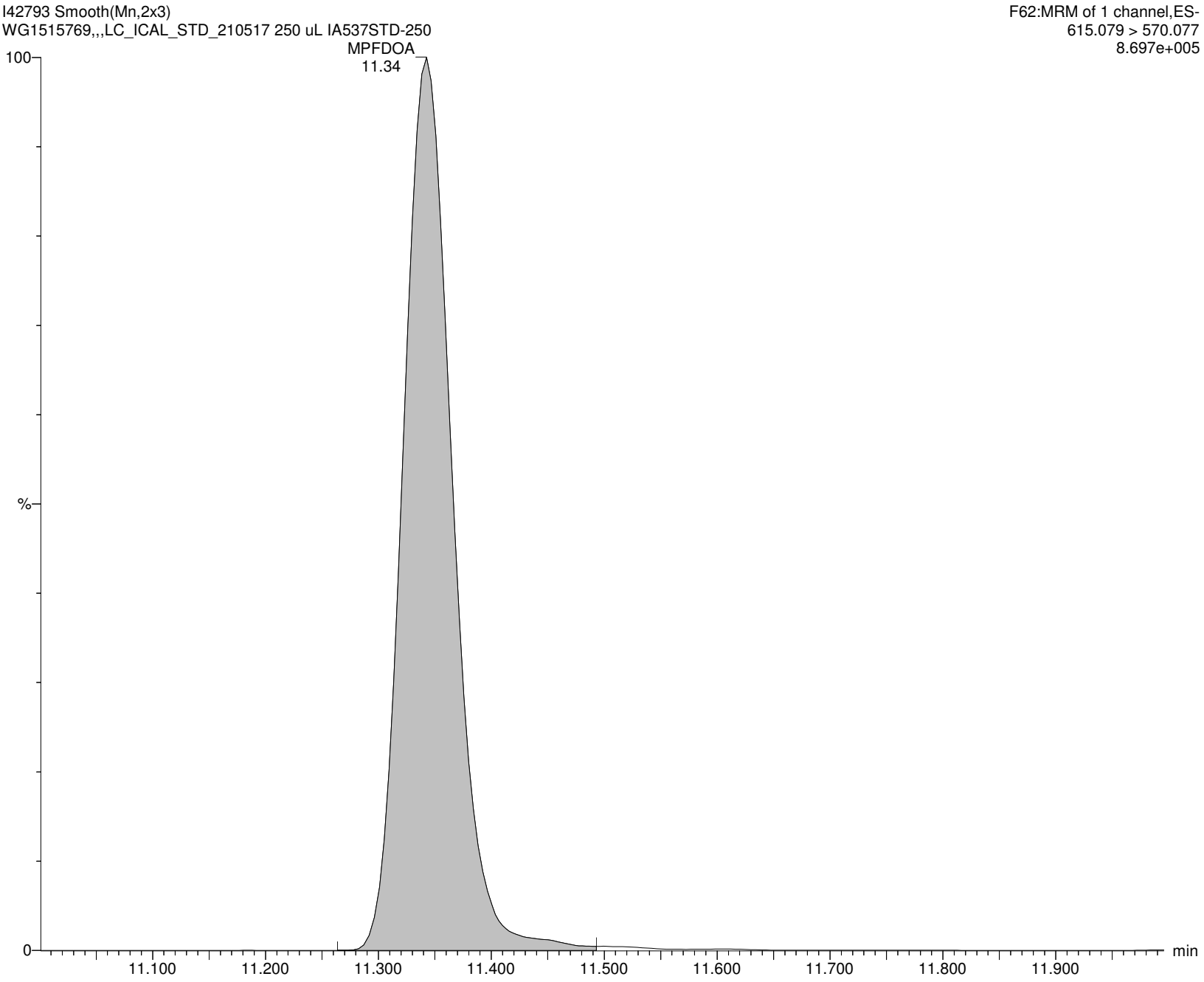


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFDOA

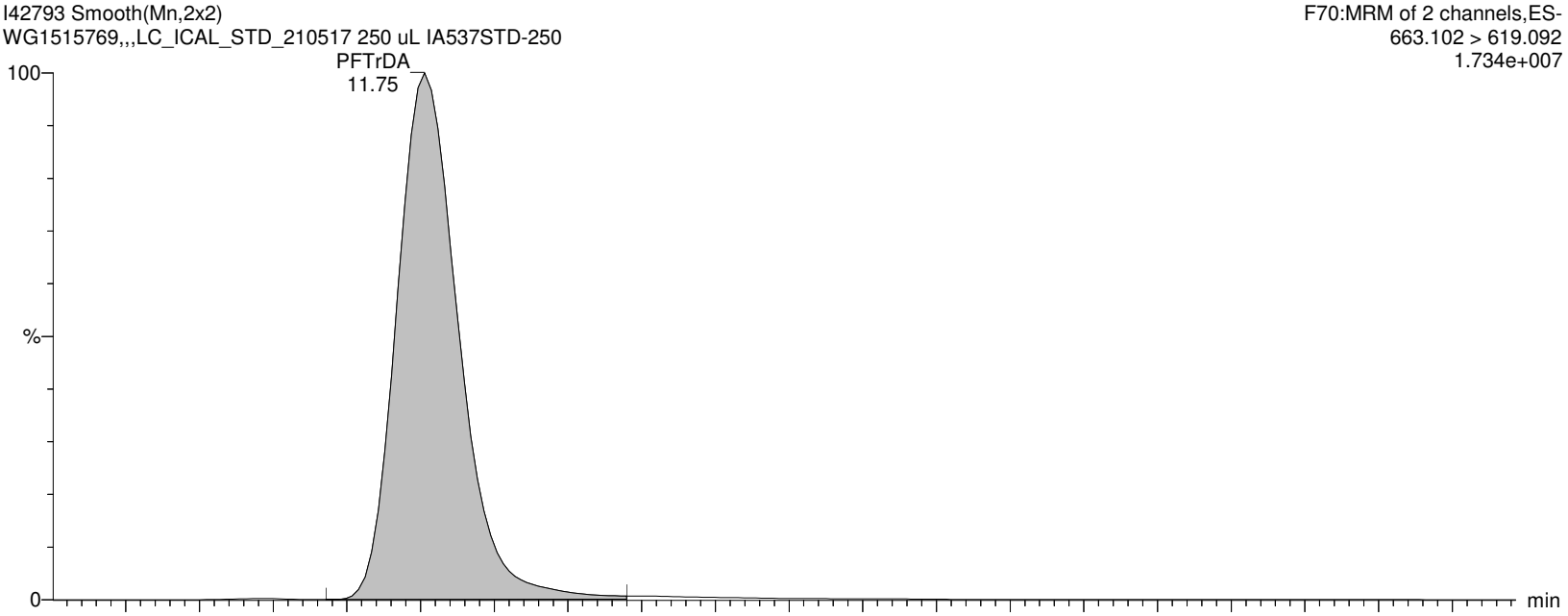


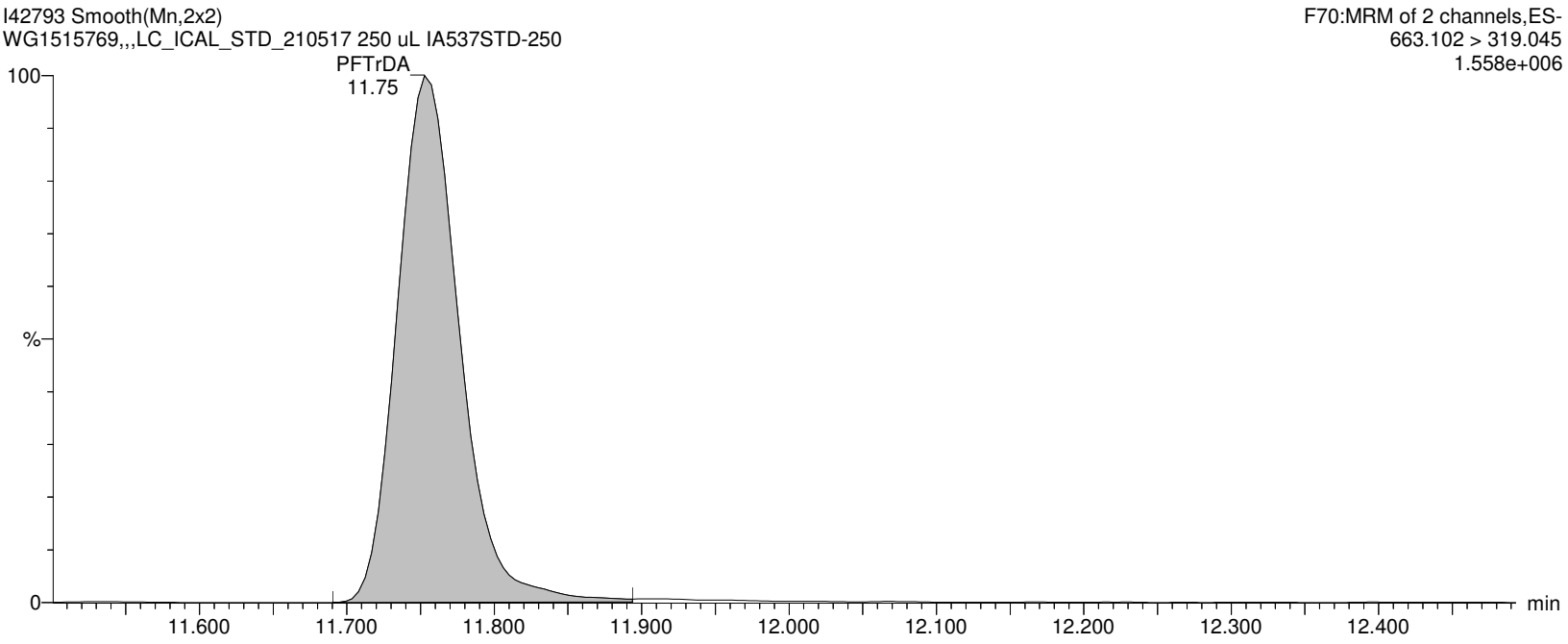
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTrDA



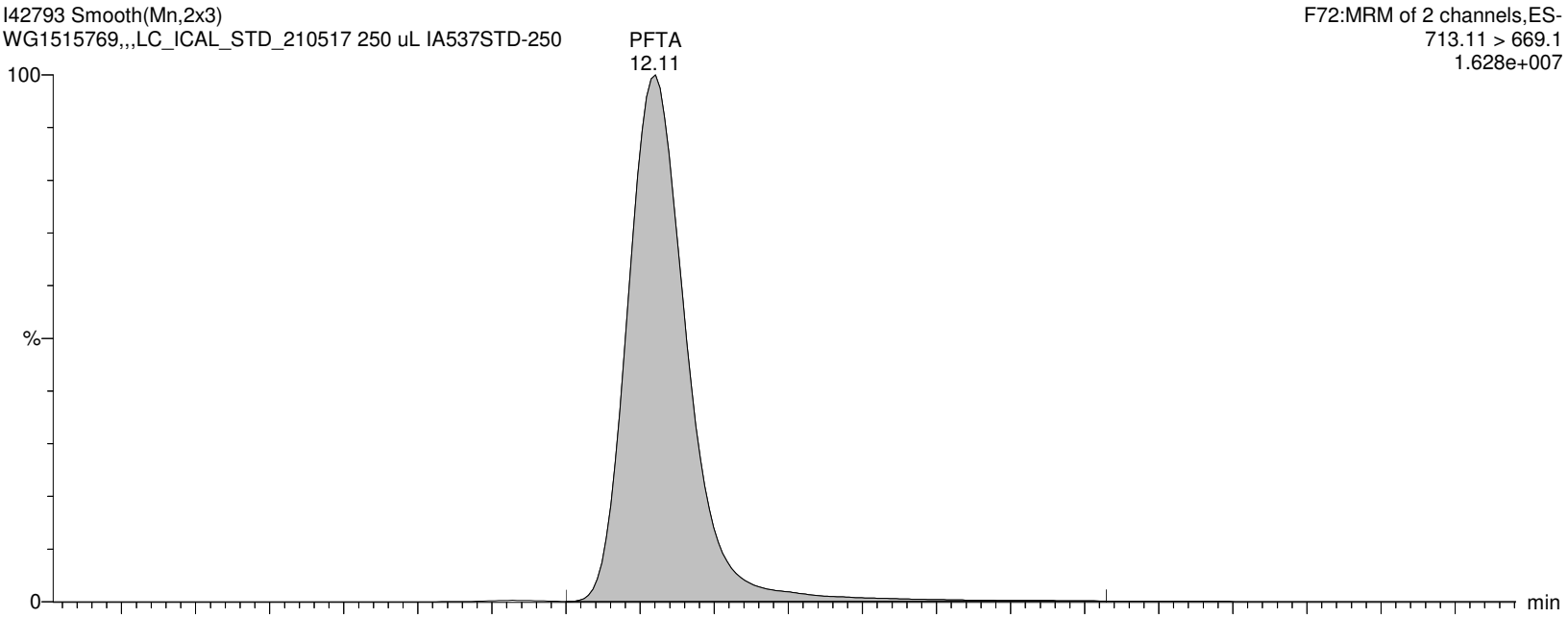


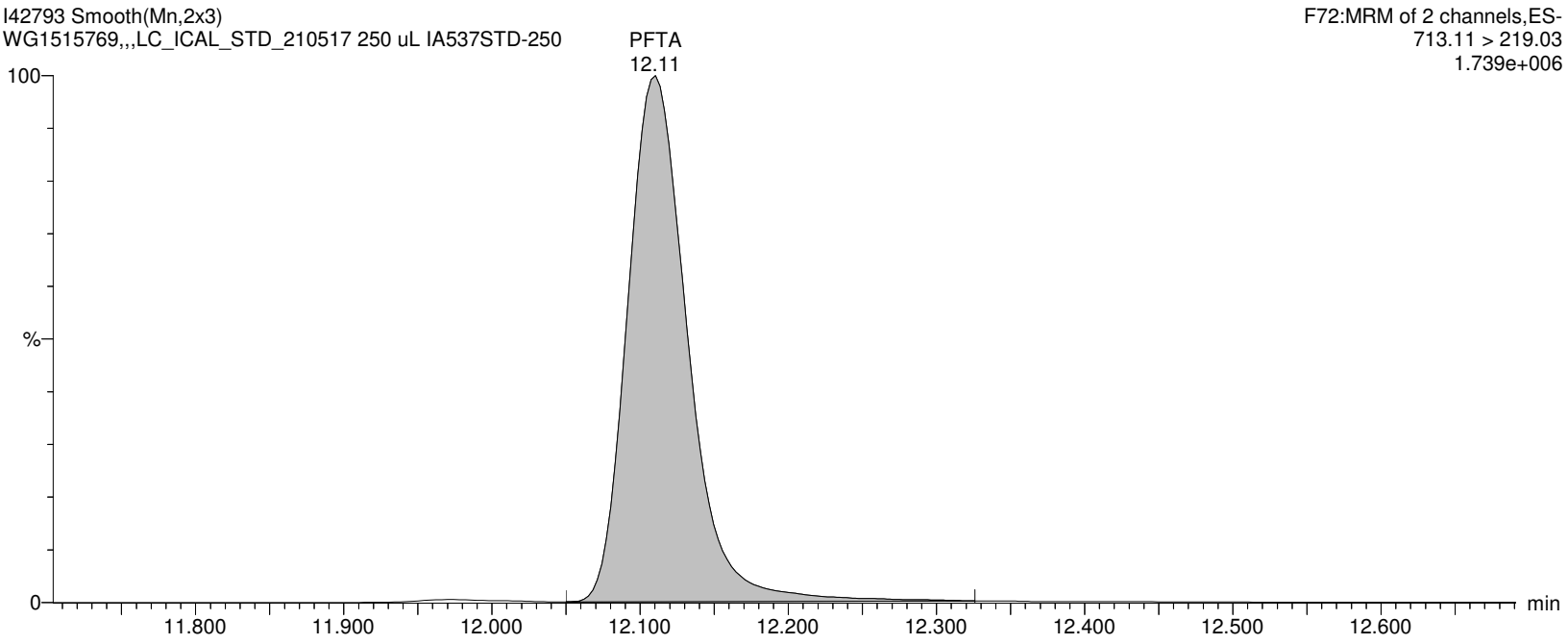
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTA



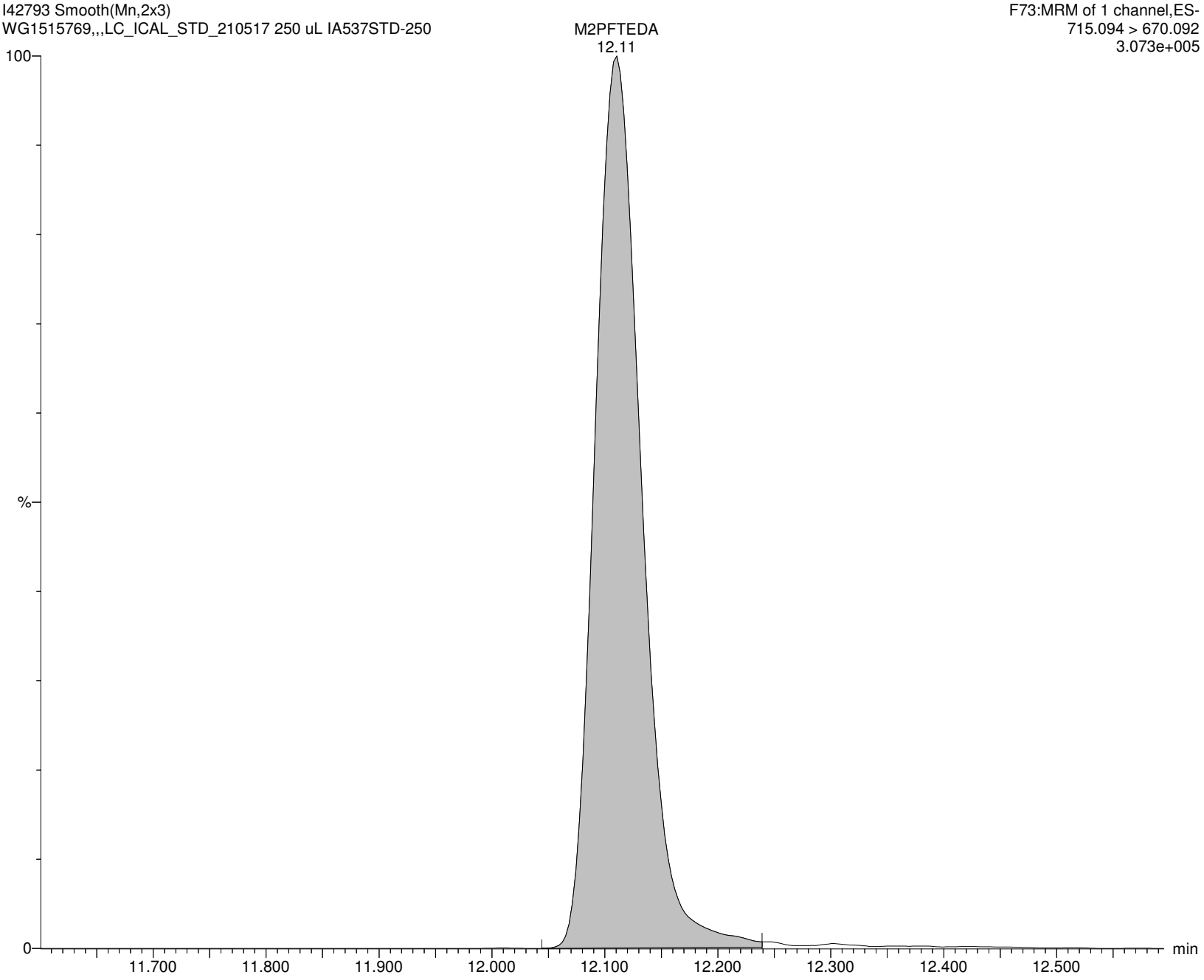


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFTEDA

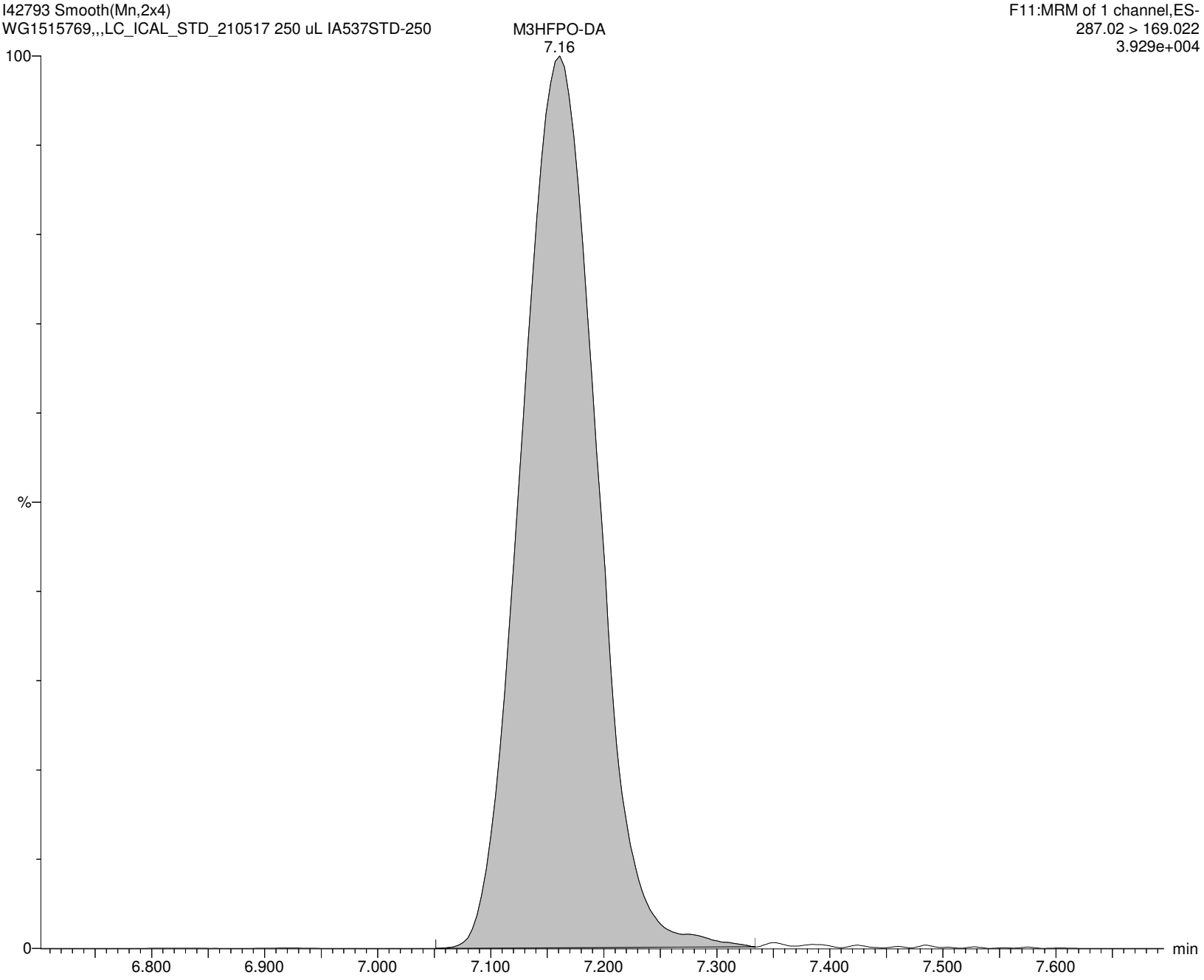


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3HFPO-DA

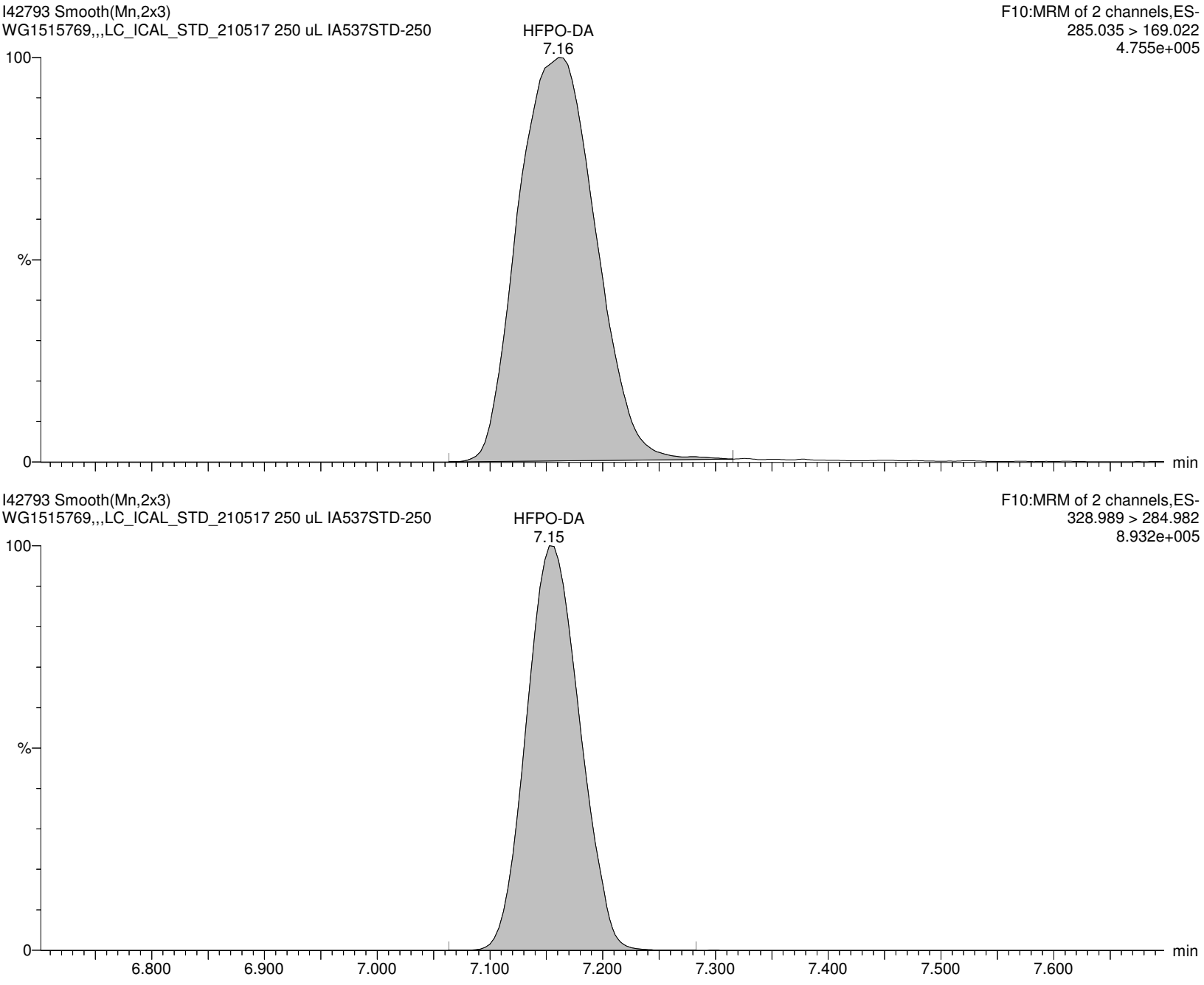


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

HFPO-DA

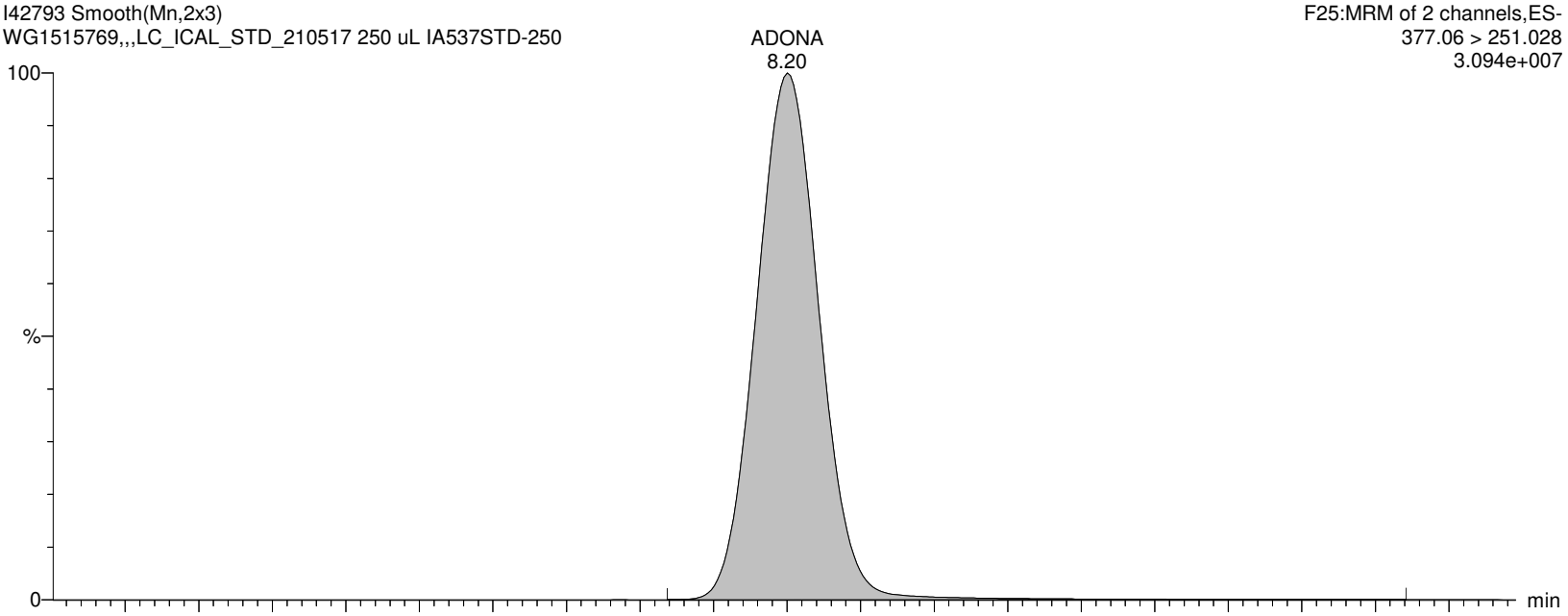


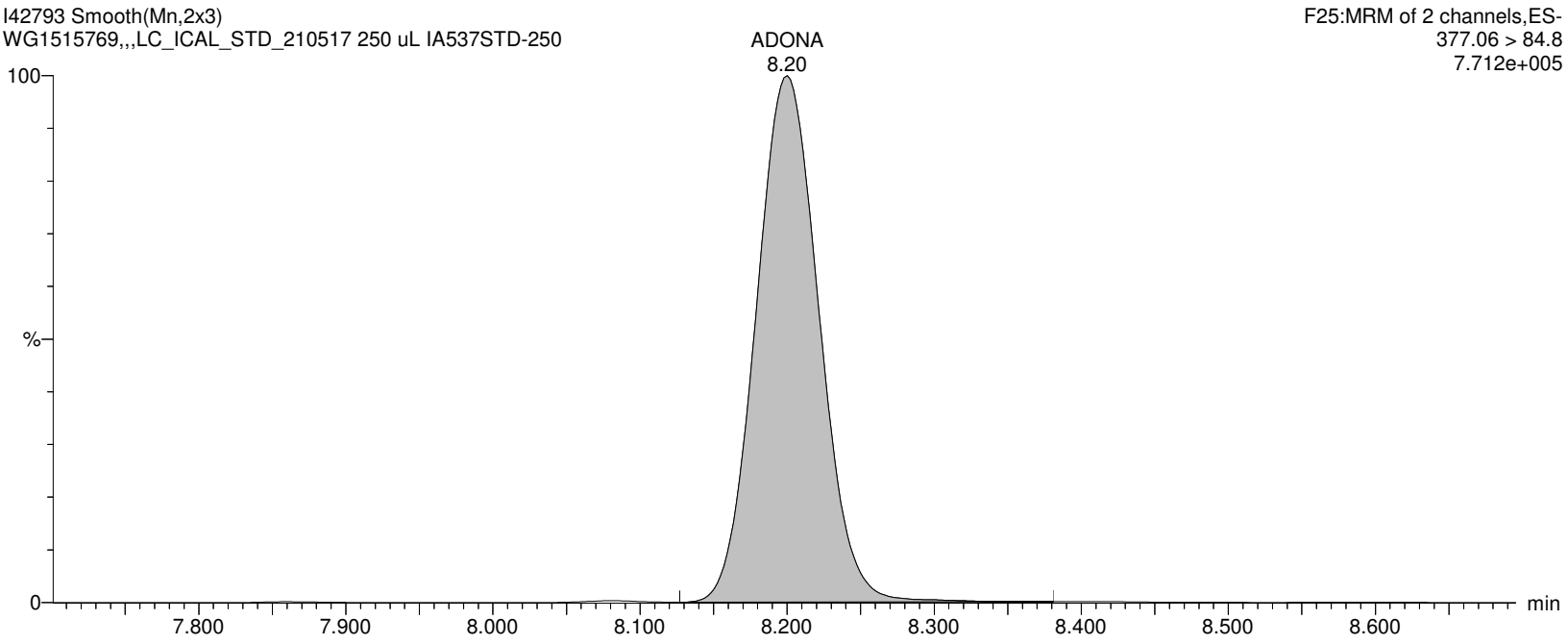
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

ADONA



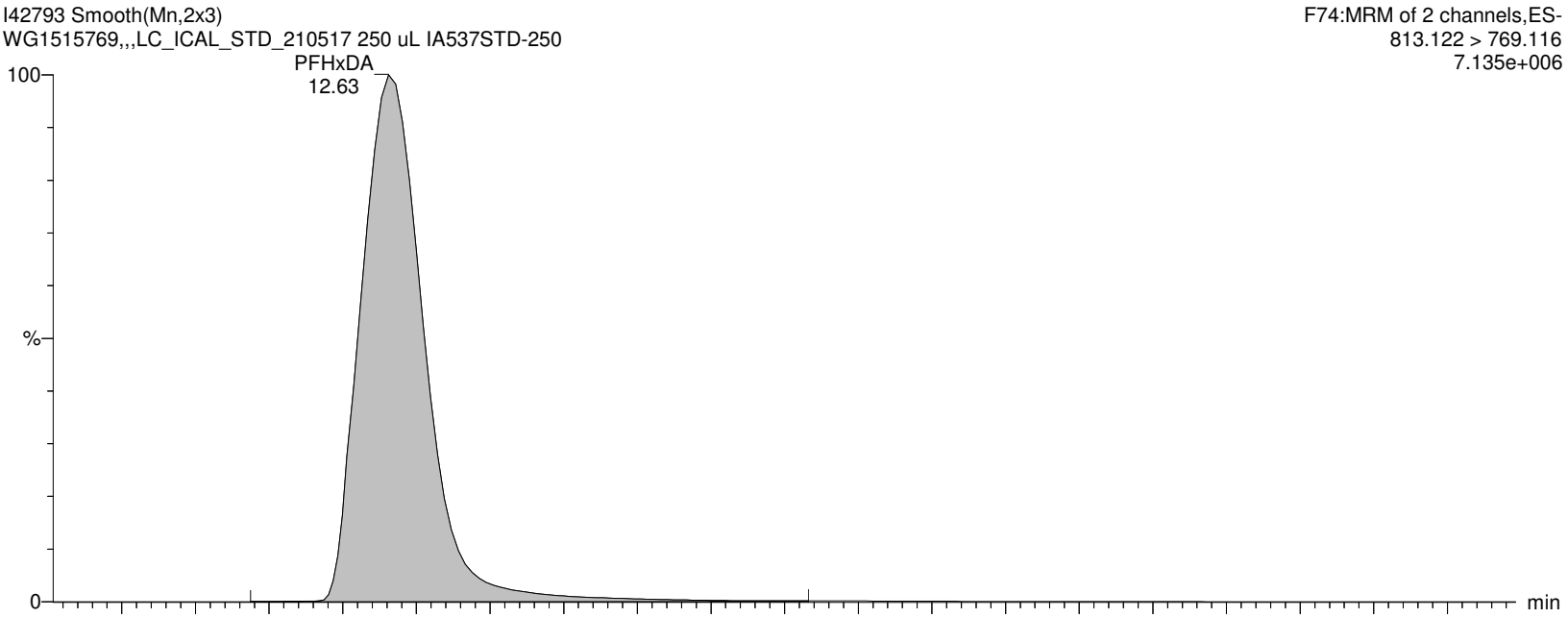


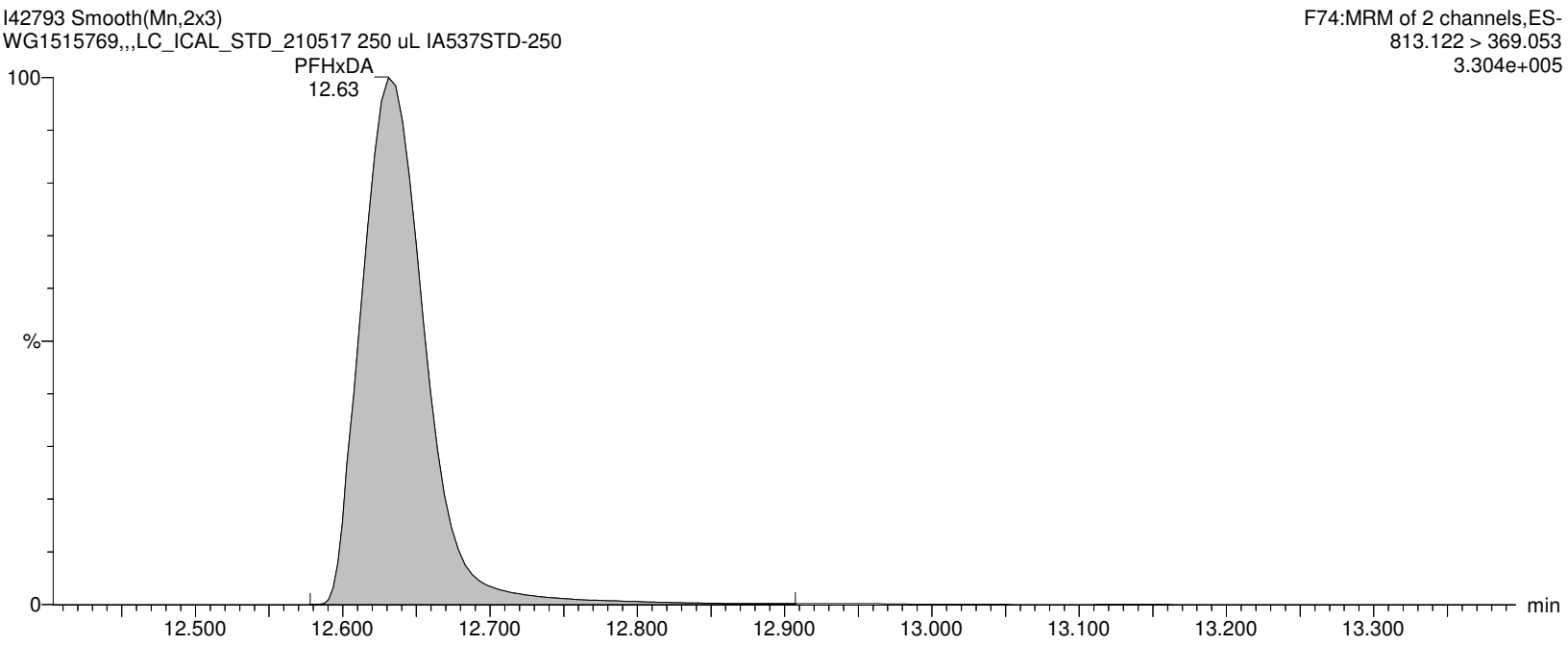
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxDA



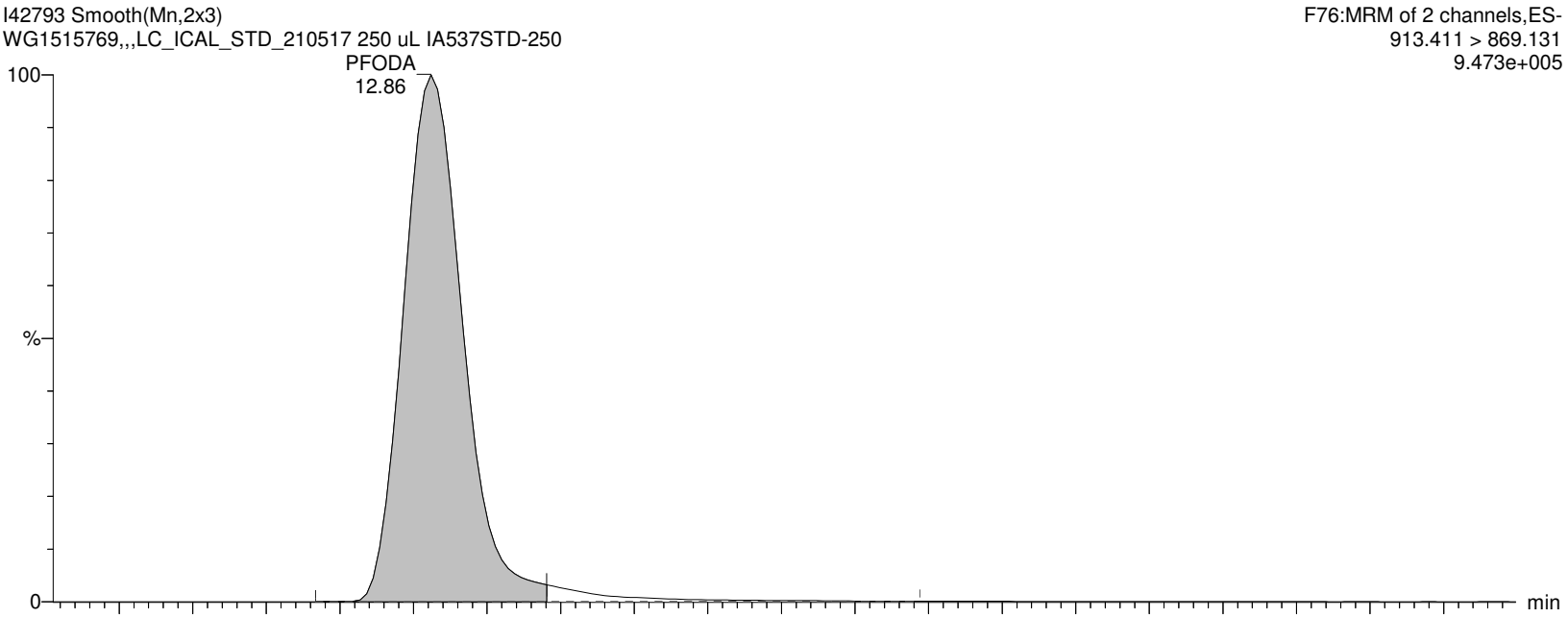


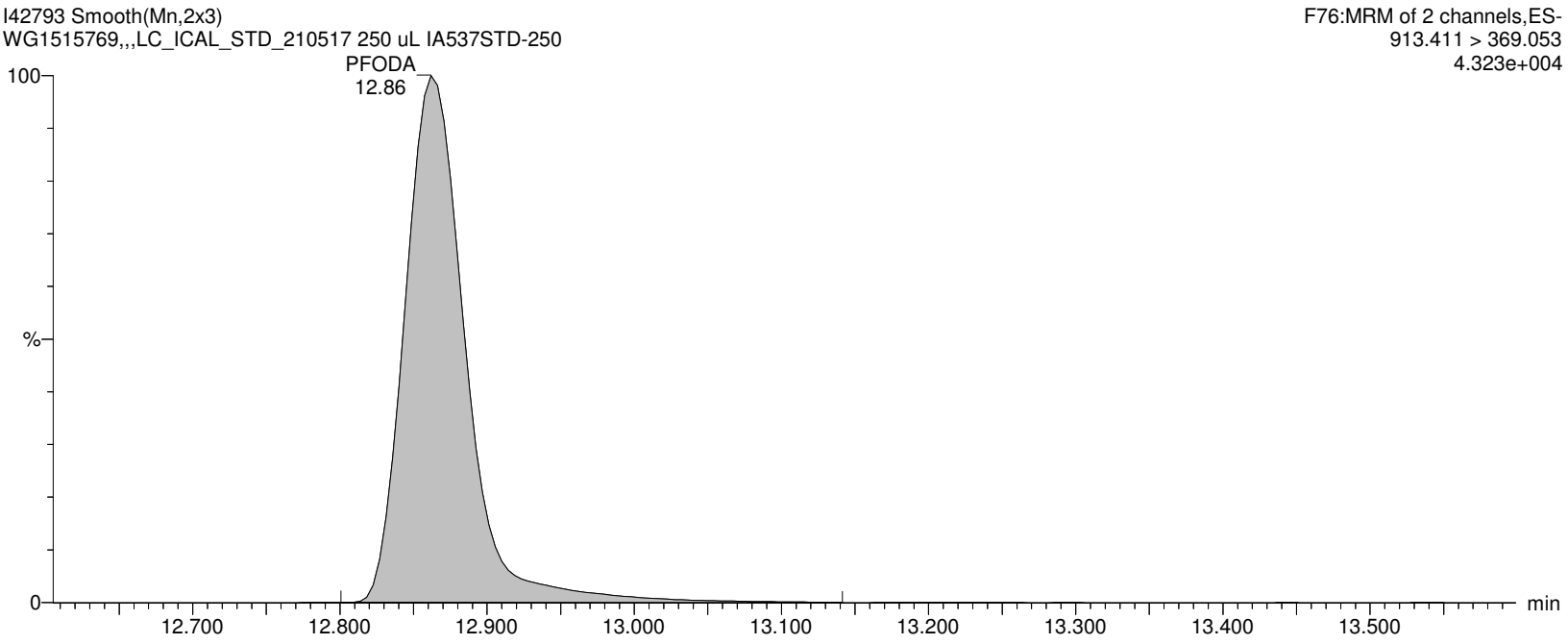
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFODA



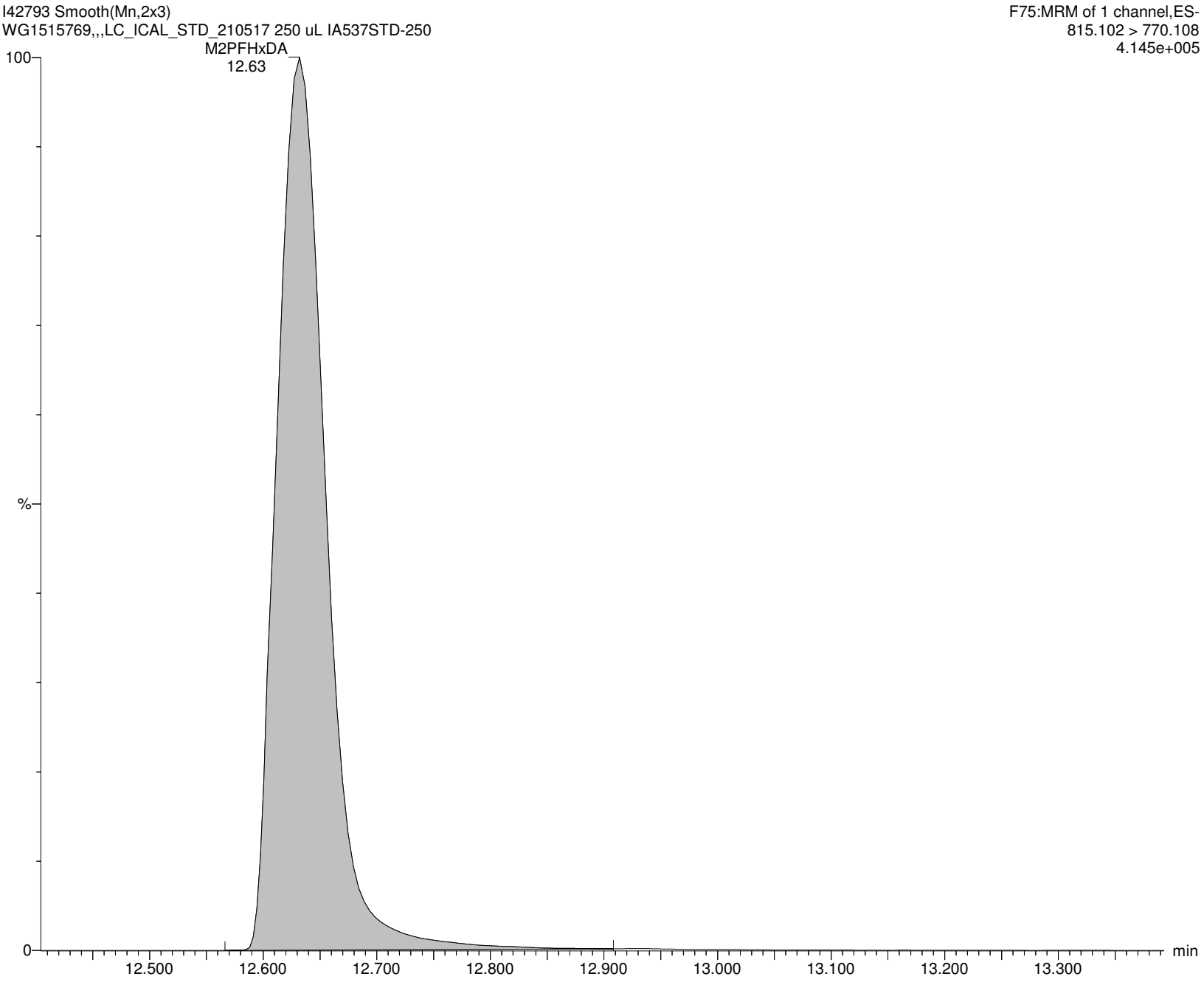


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFHxDA

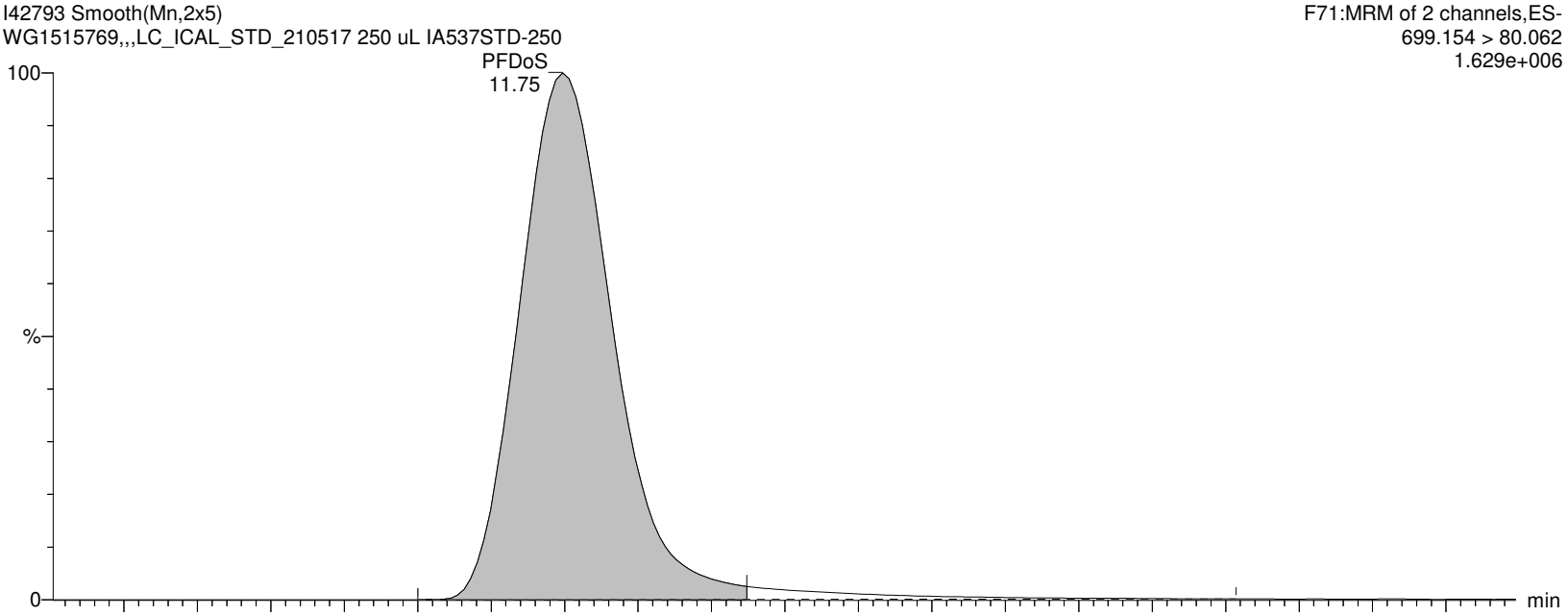


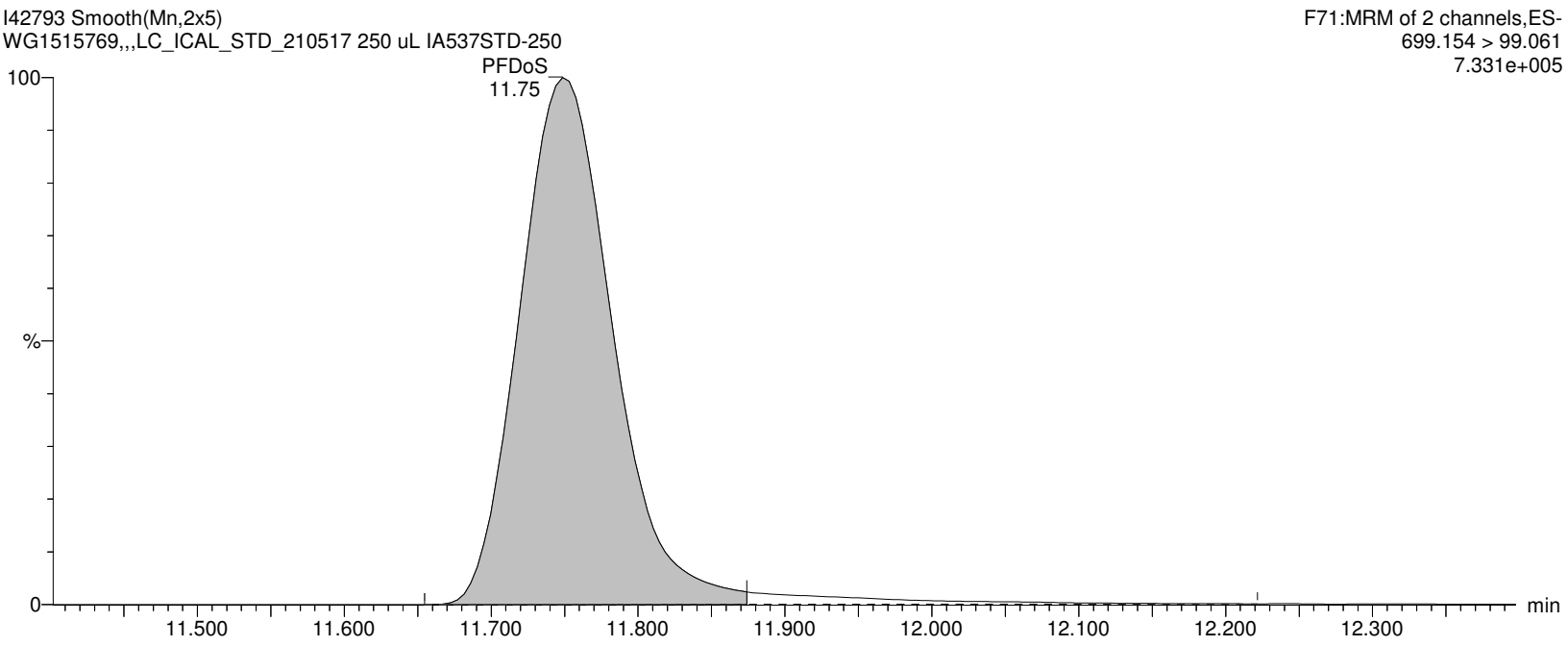
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoS



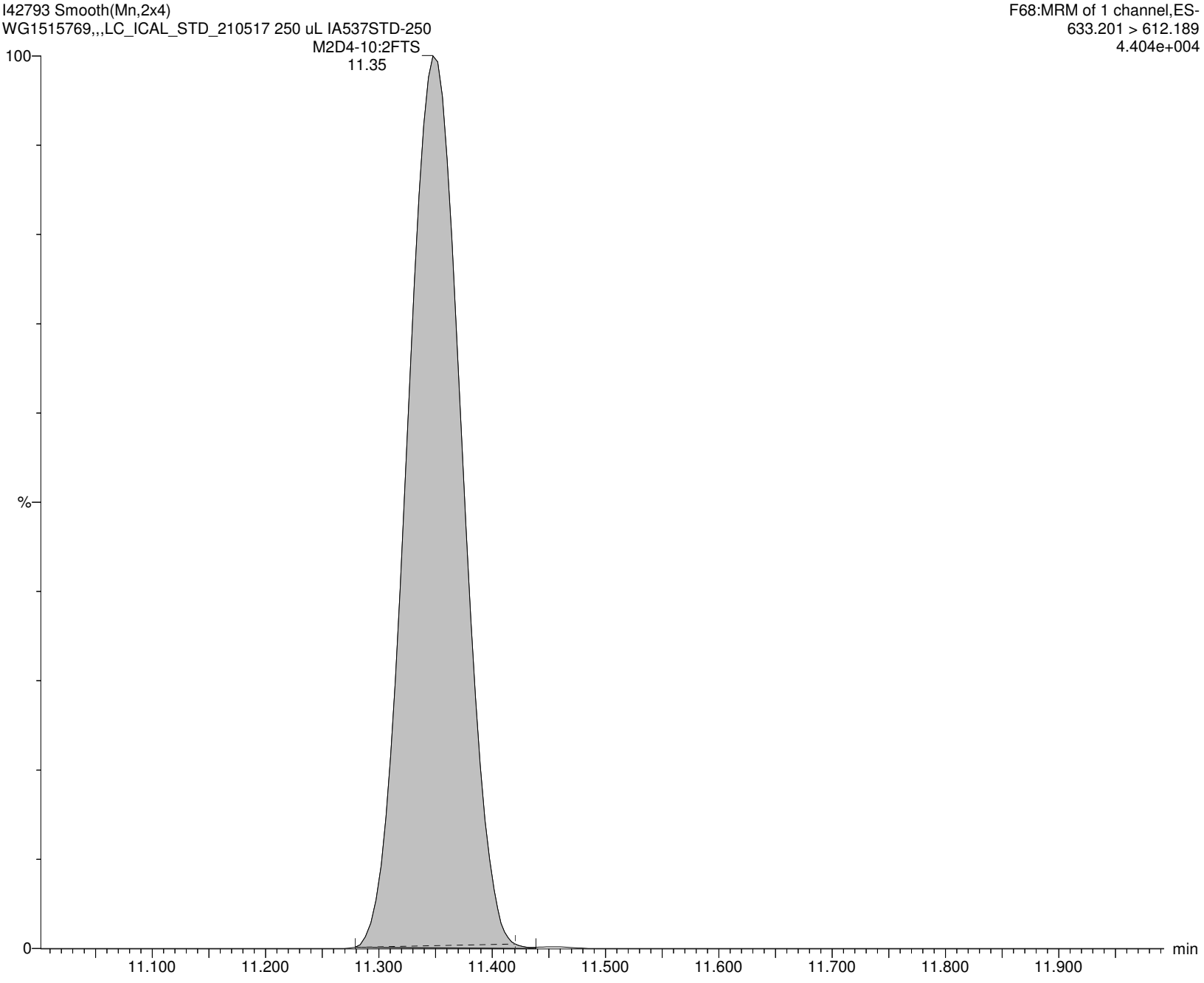


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2D4-10:2FTS

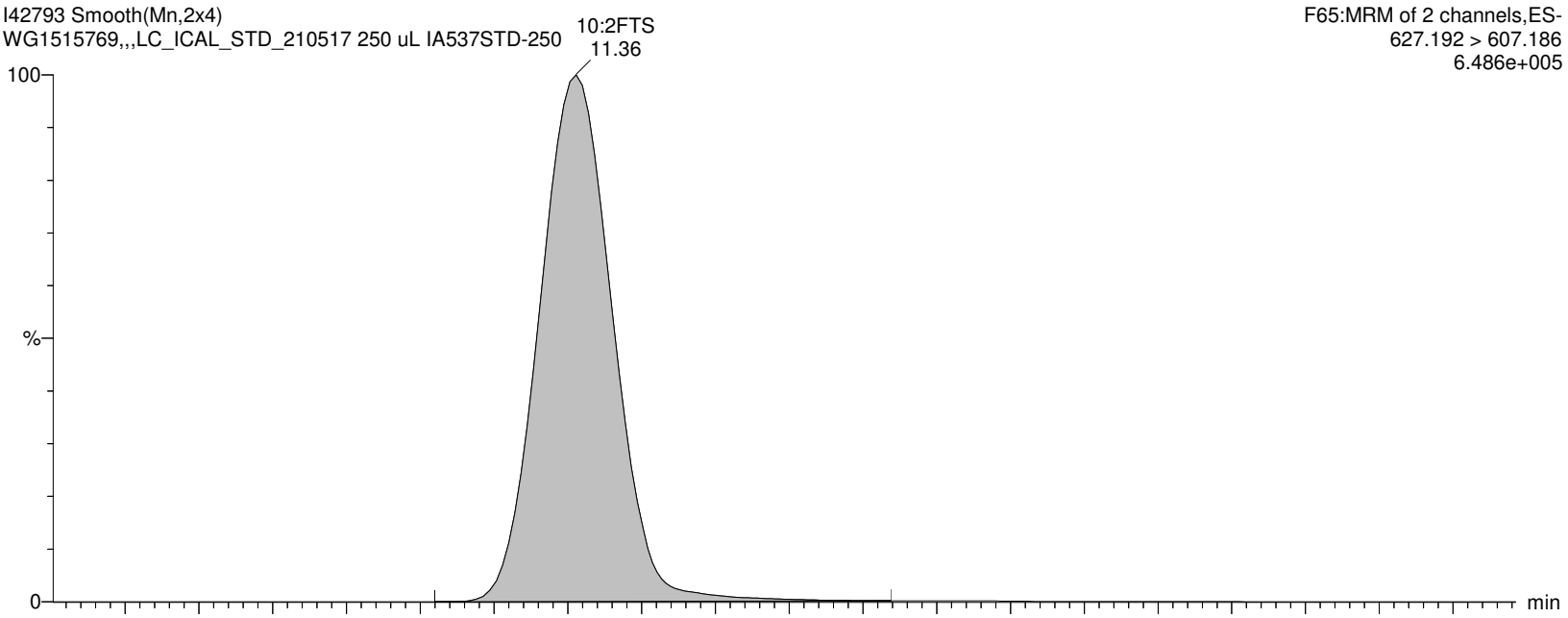


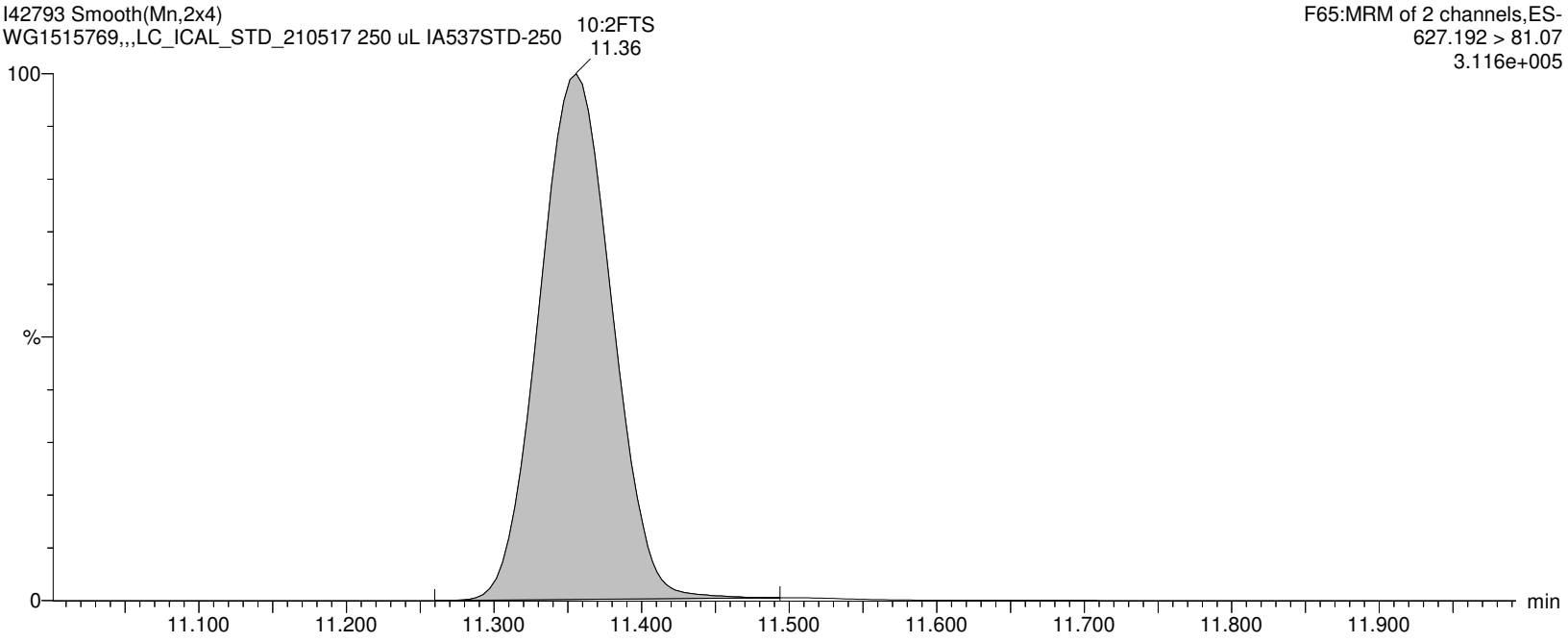
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

10:2FTS



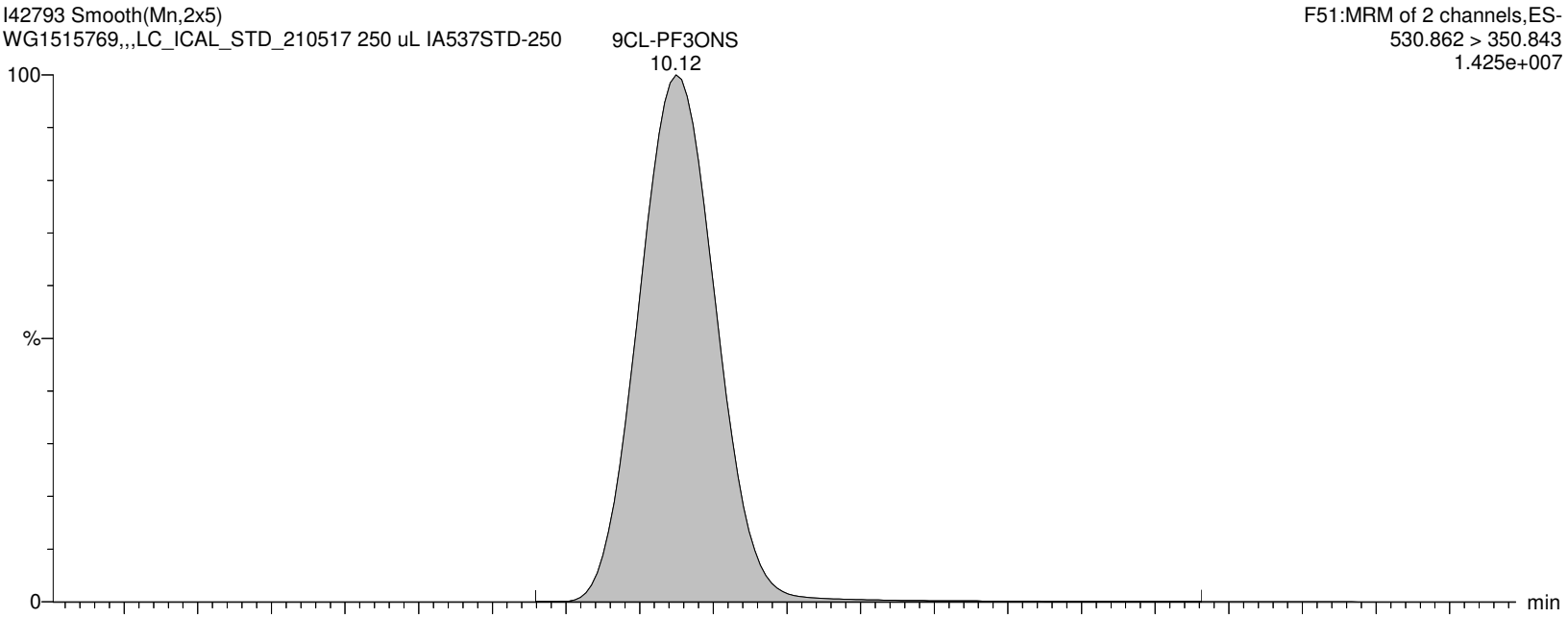


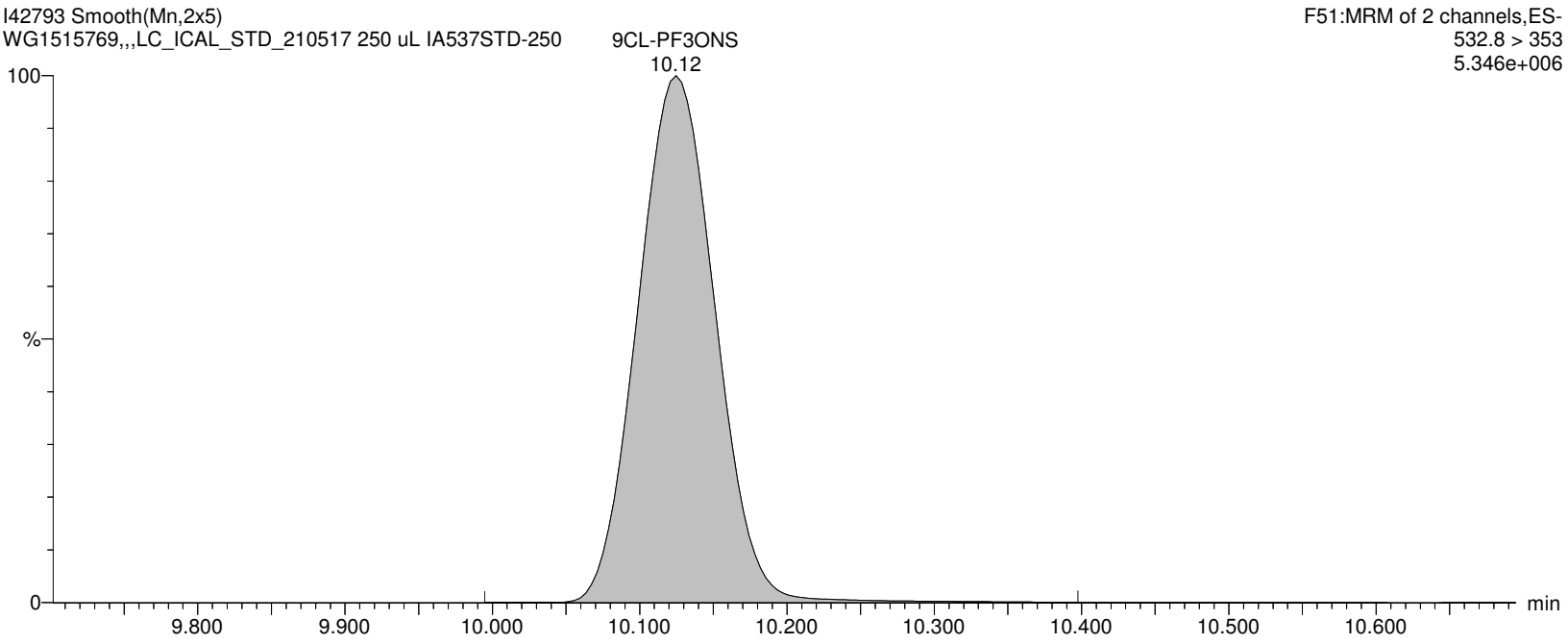
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

9CL-PF3ONS



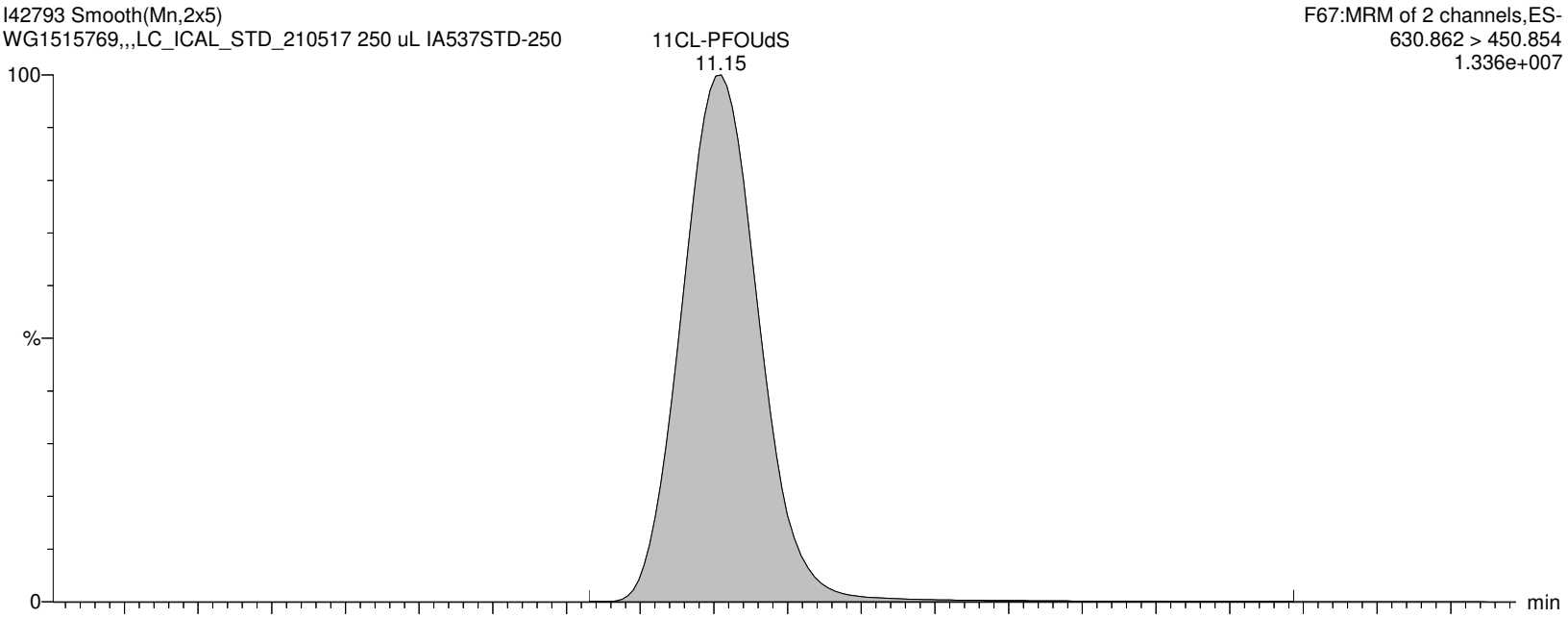


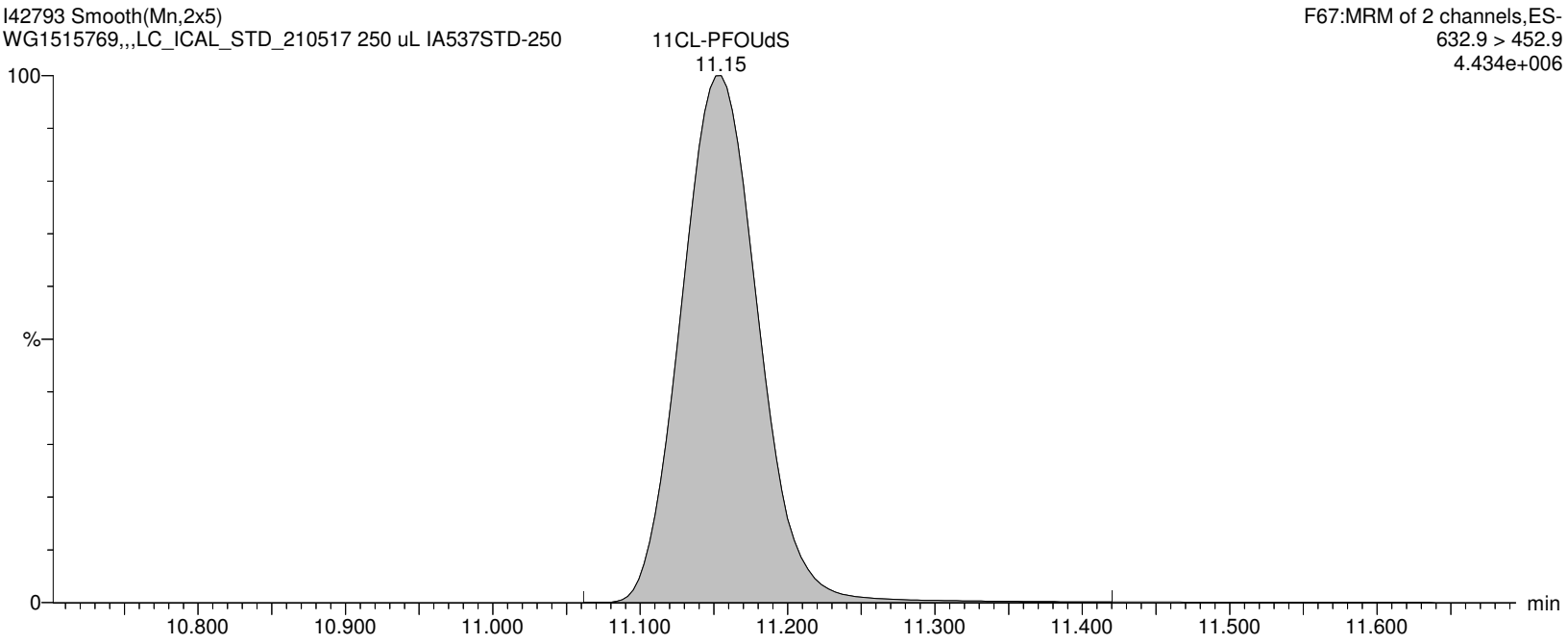
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

11CL-PFOUdS



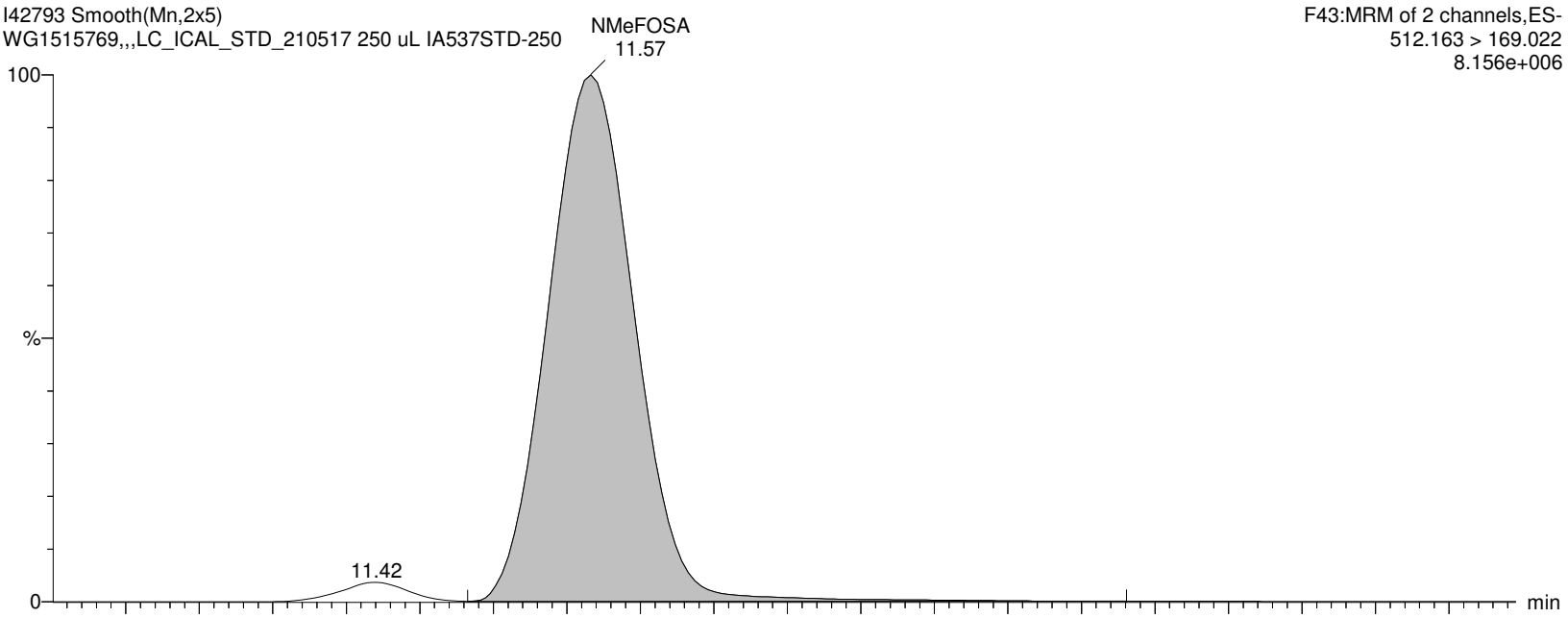


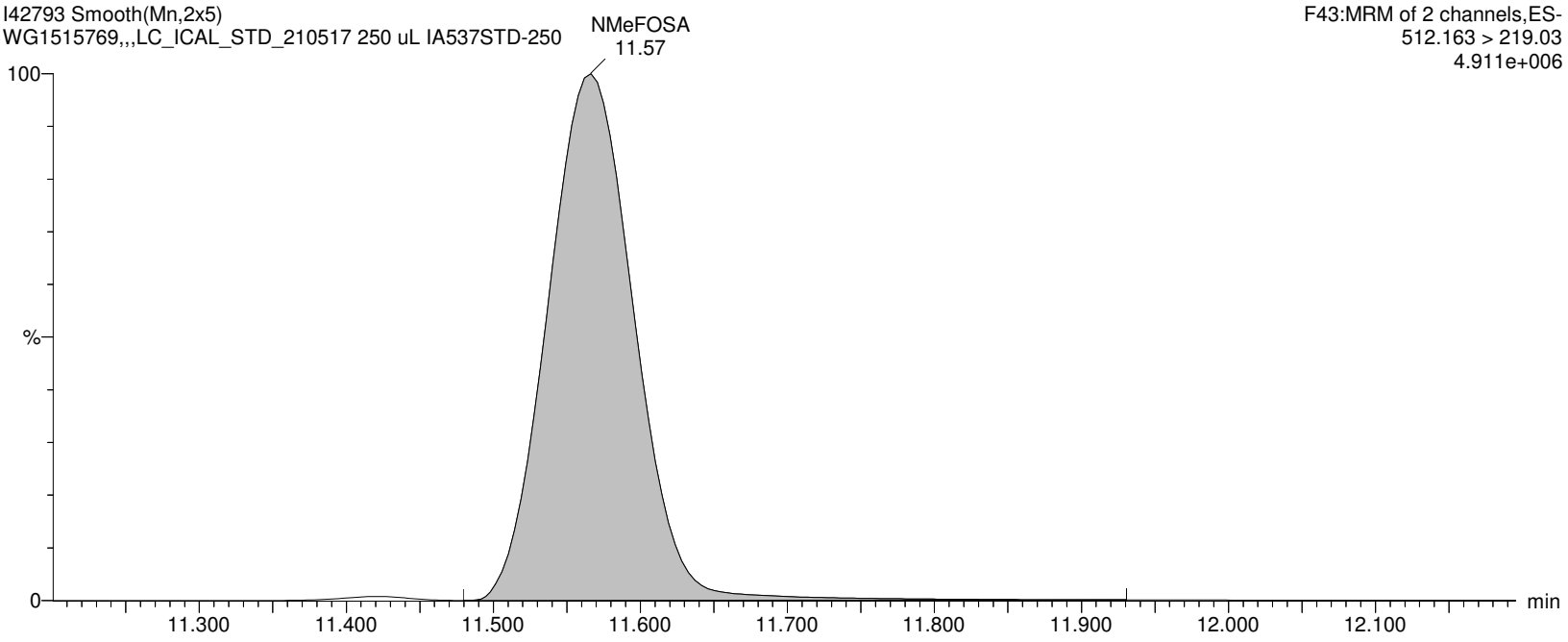
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSA



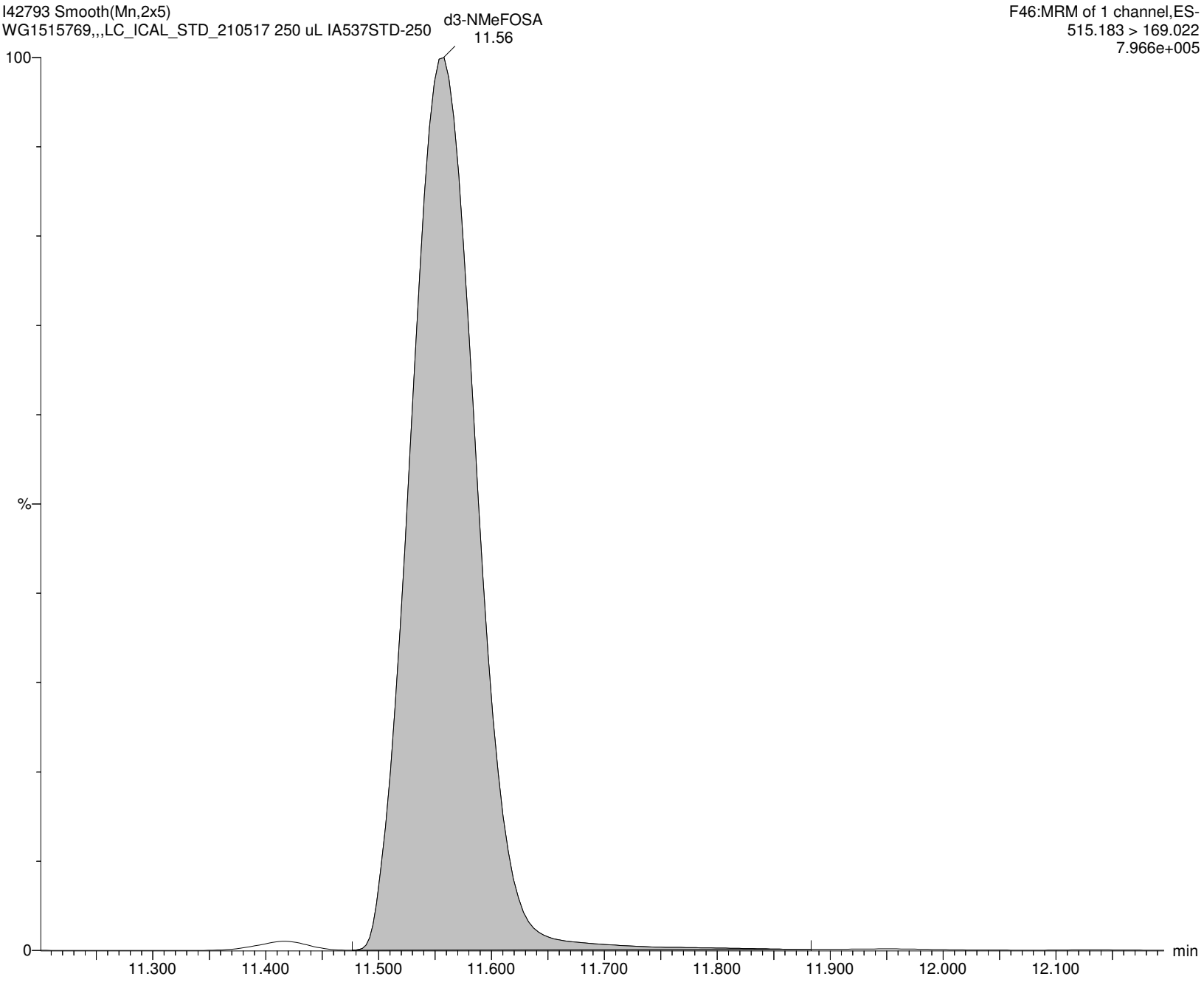


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSA

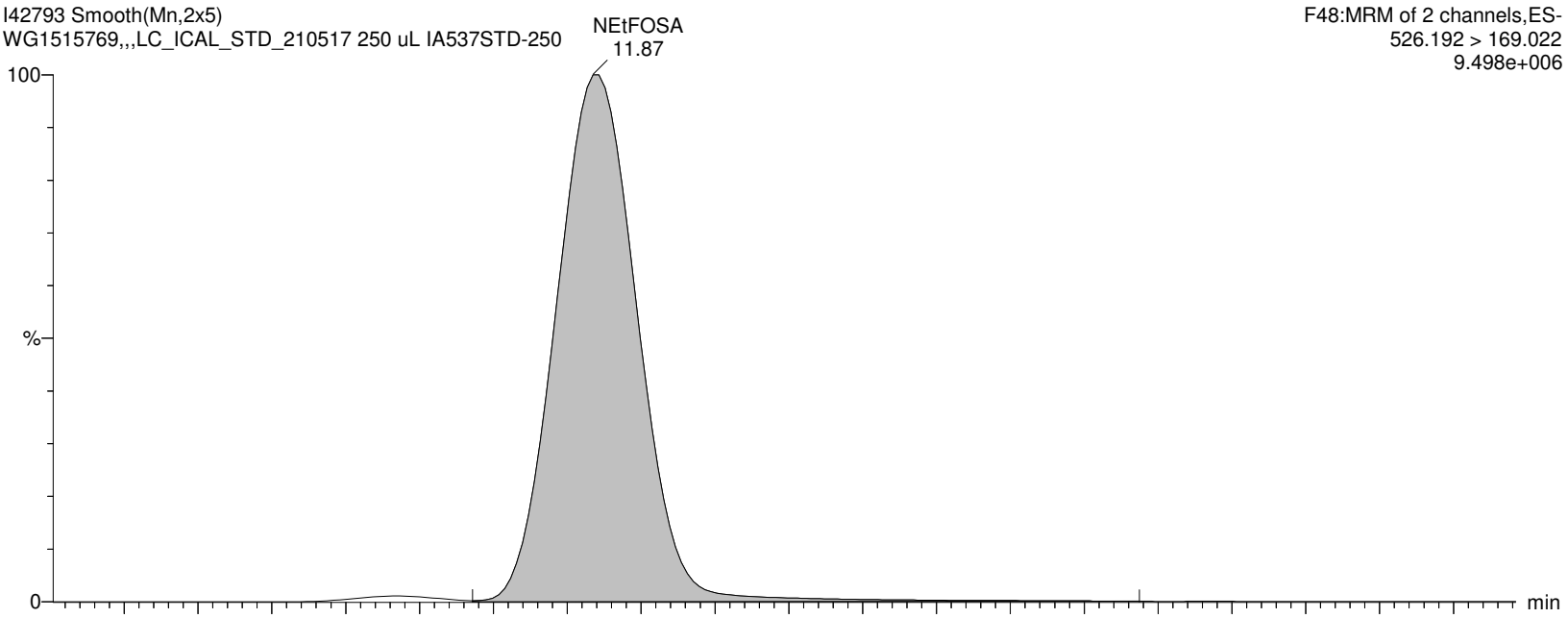


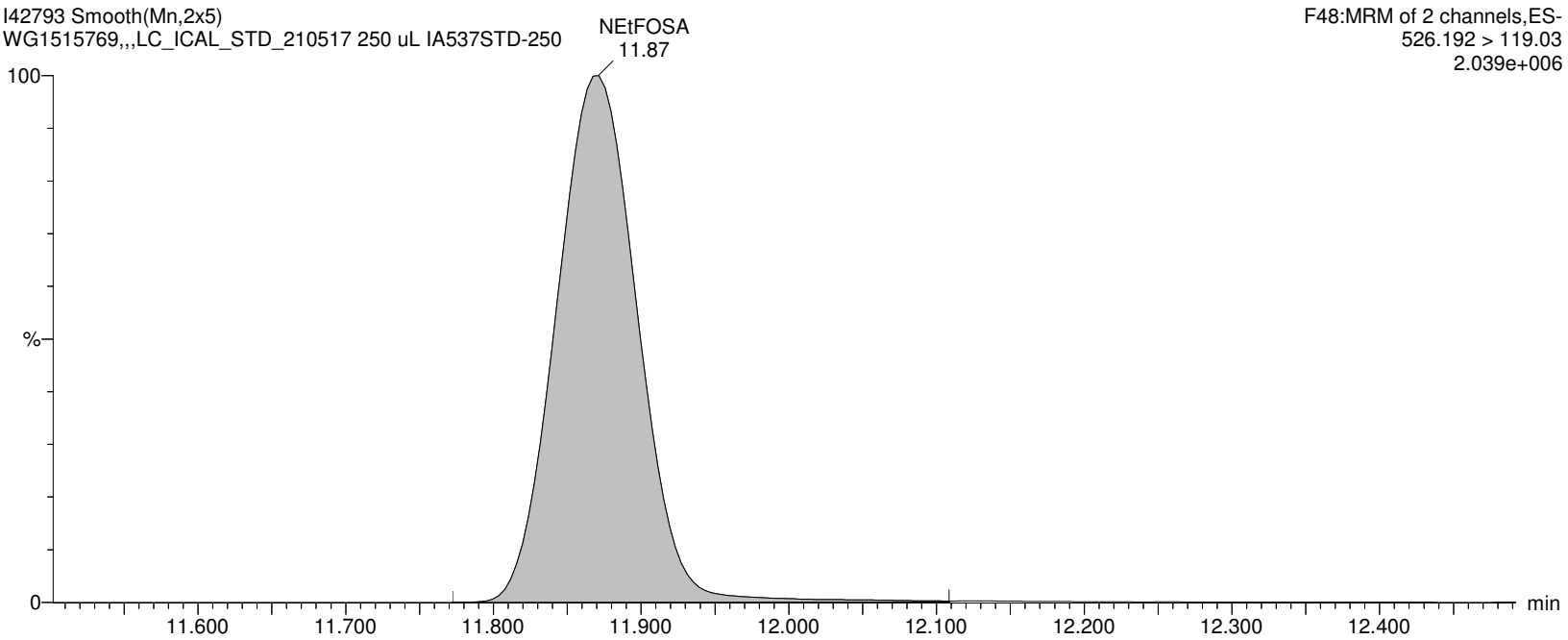
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSA



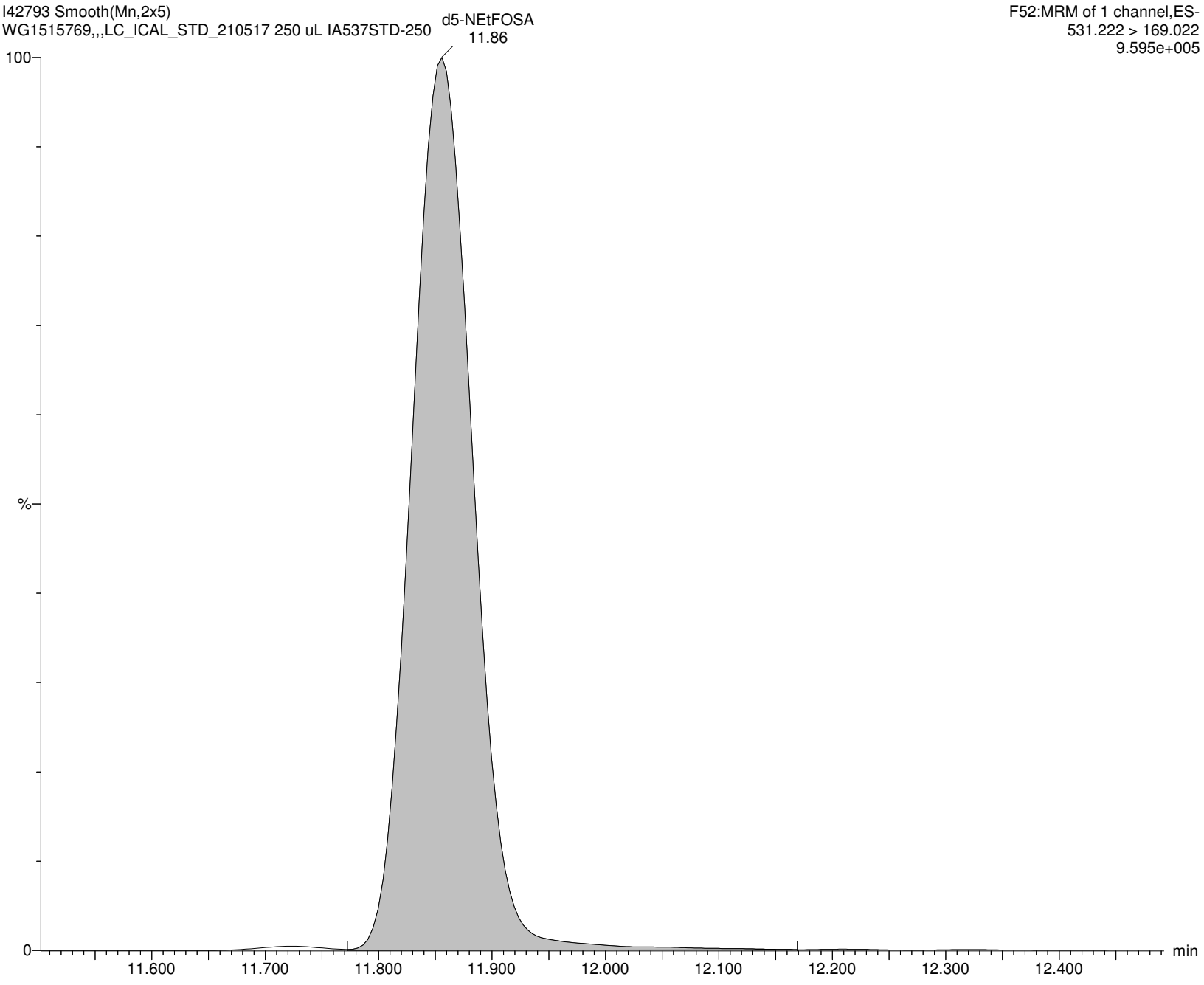


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSA

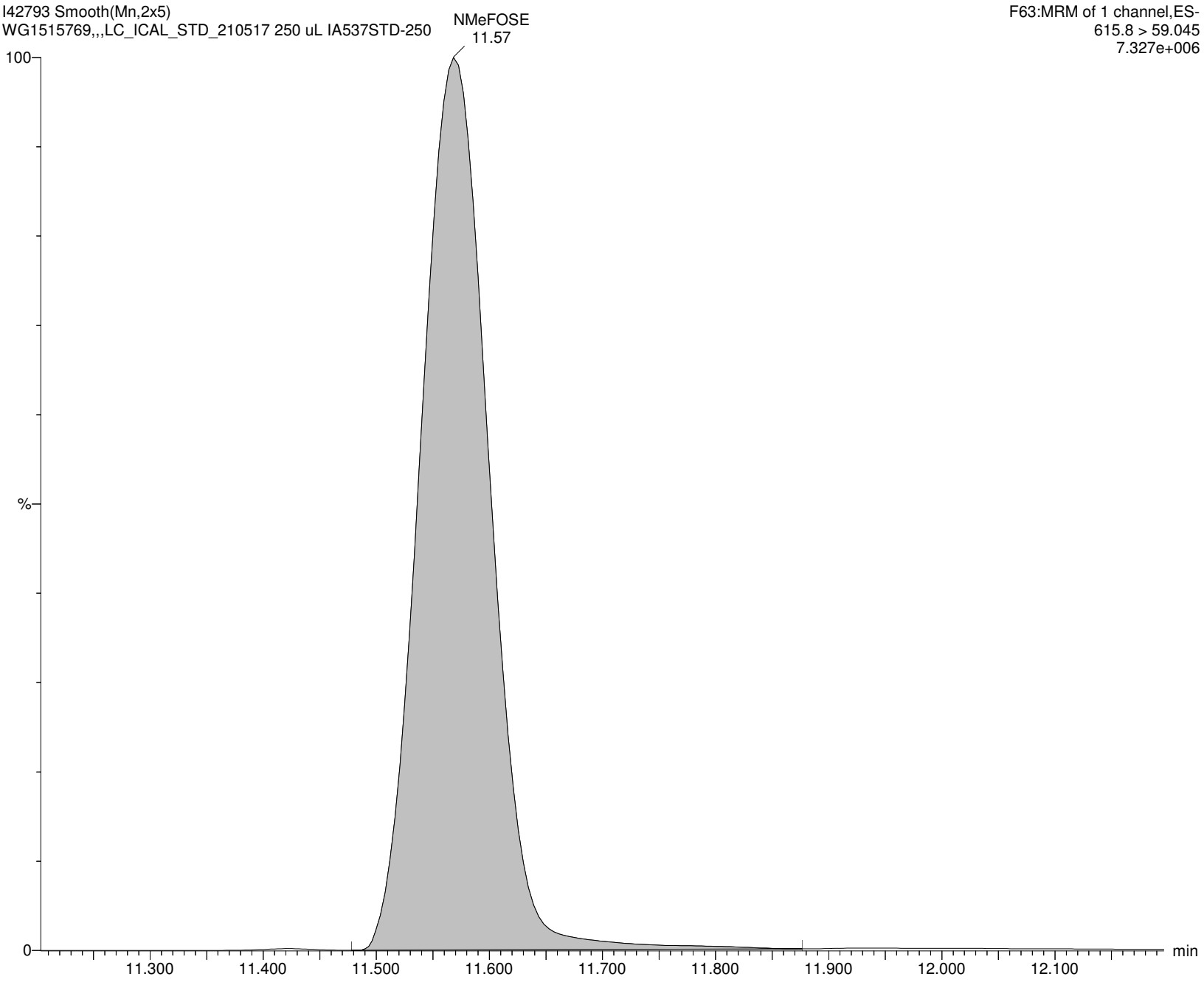


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSE

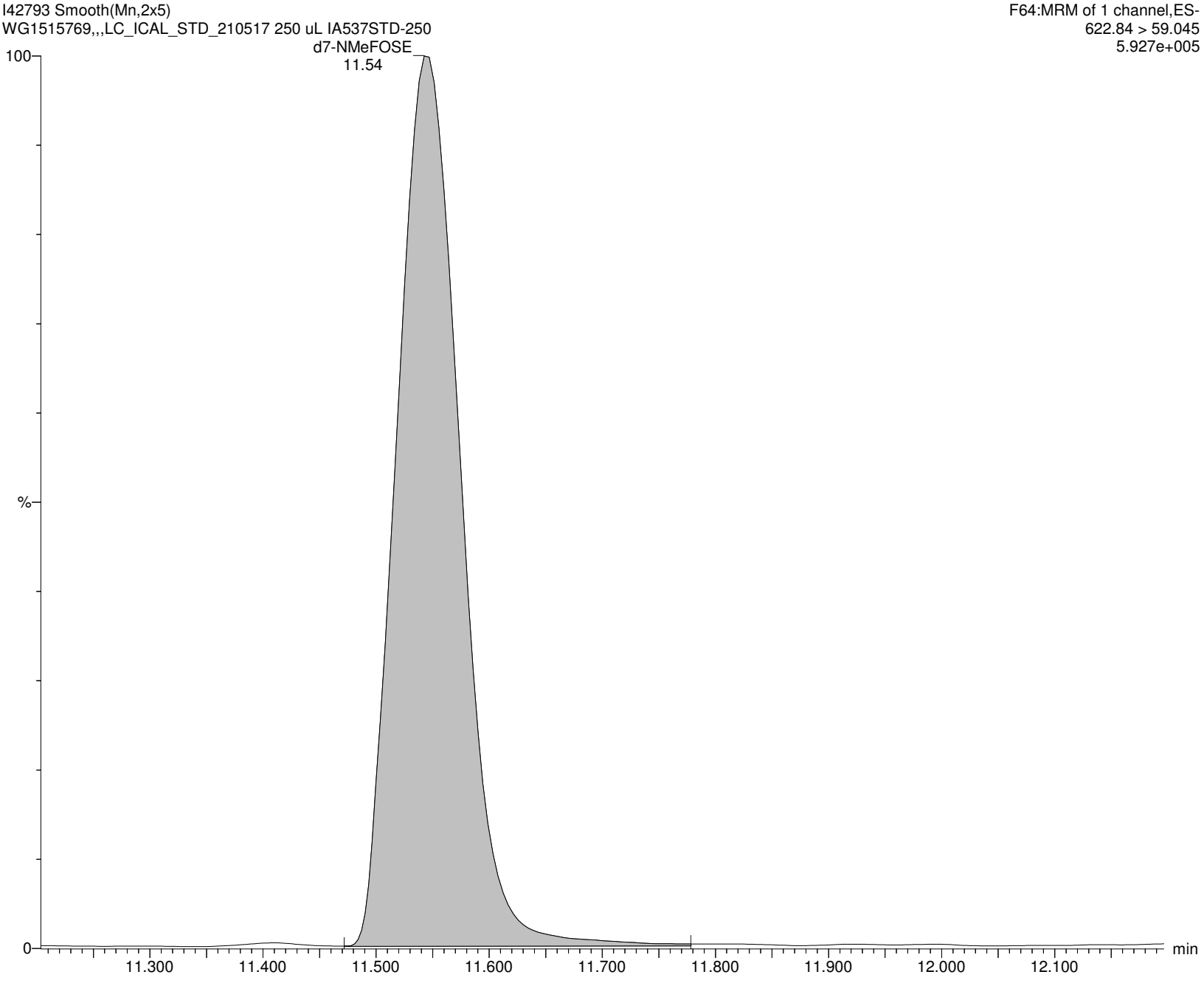


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d7-NMeFOSE

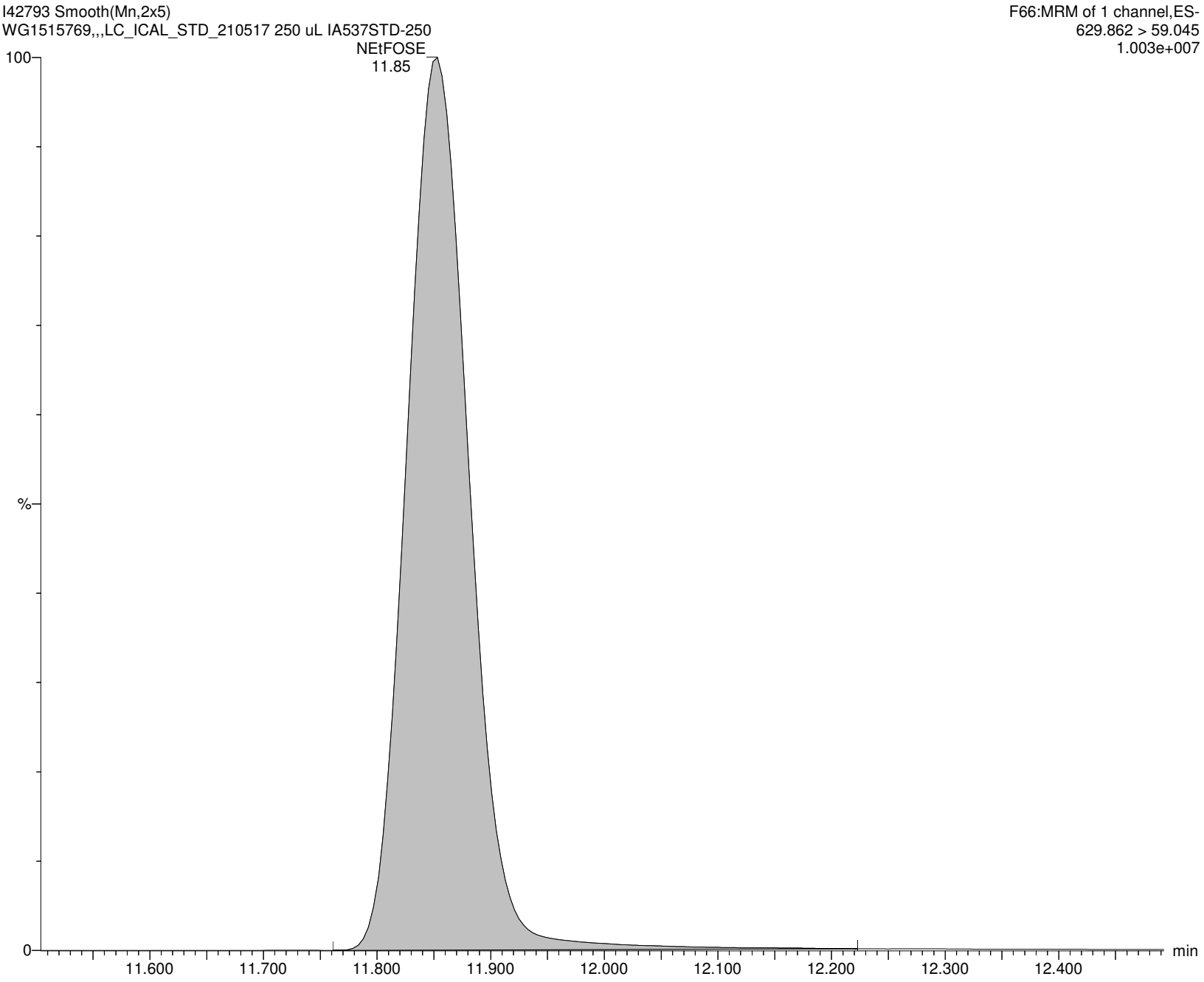


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSE

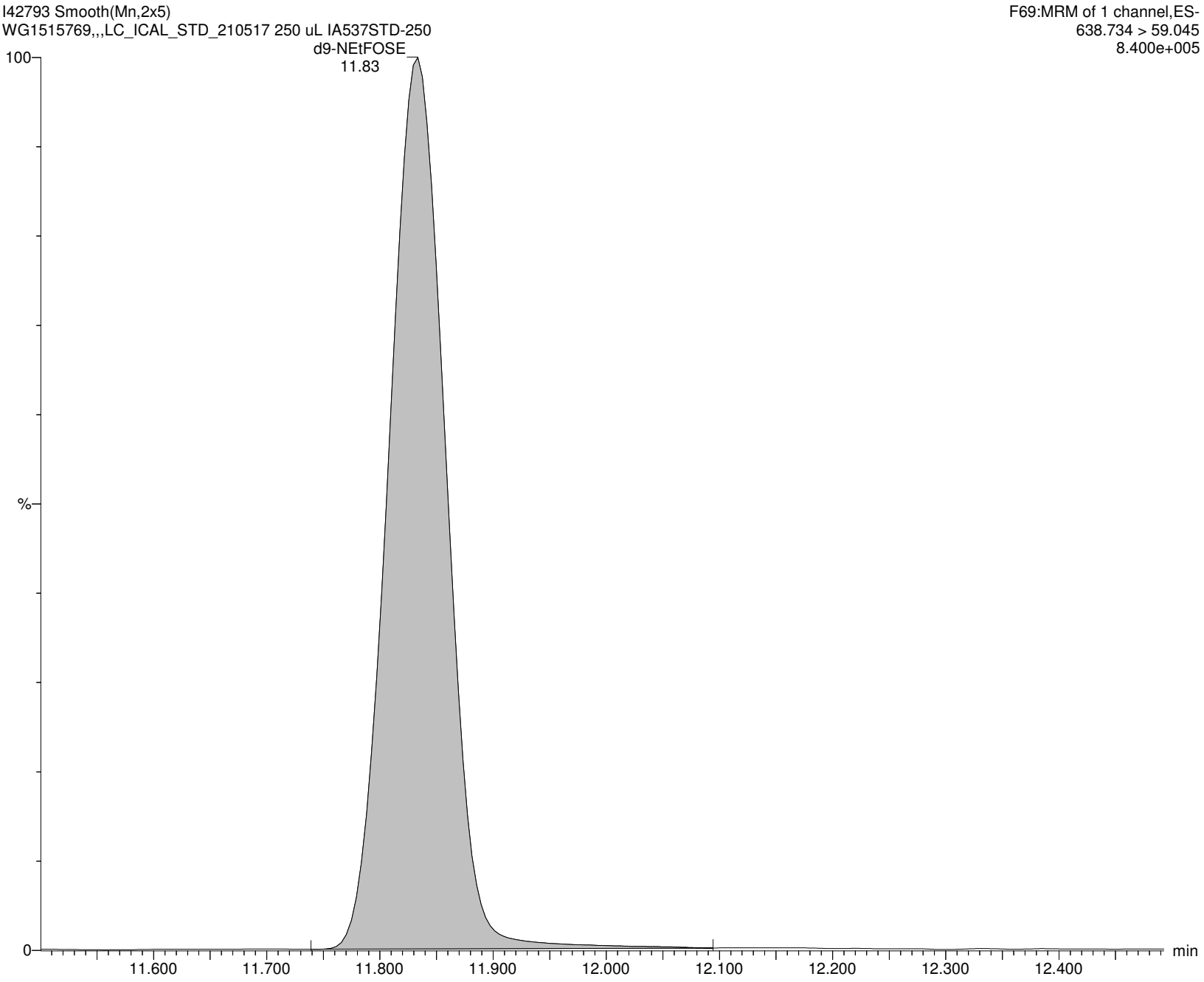


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d9-NEtFOSE

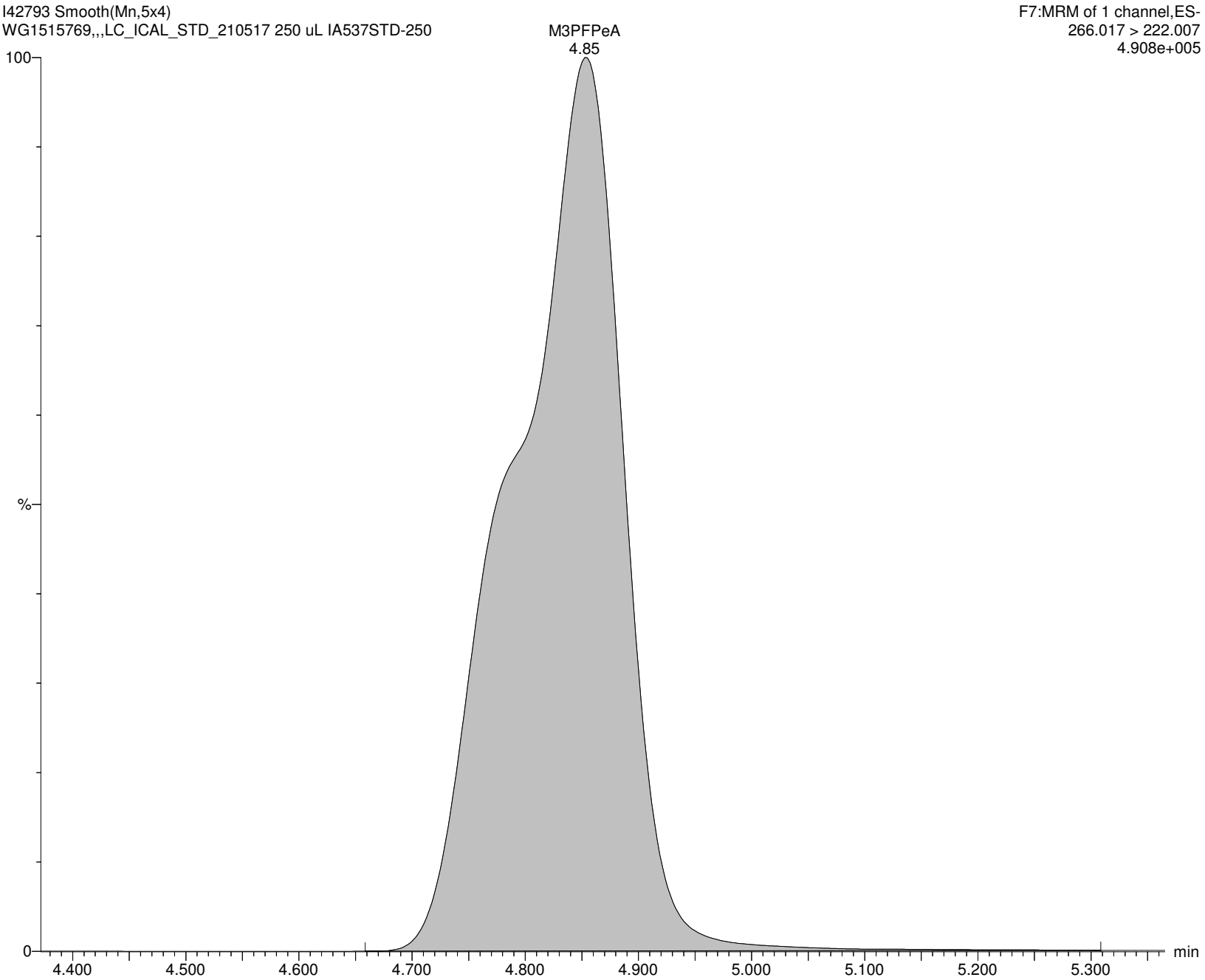


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFPeA

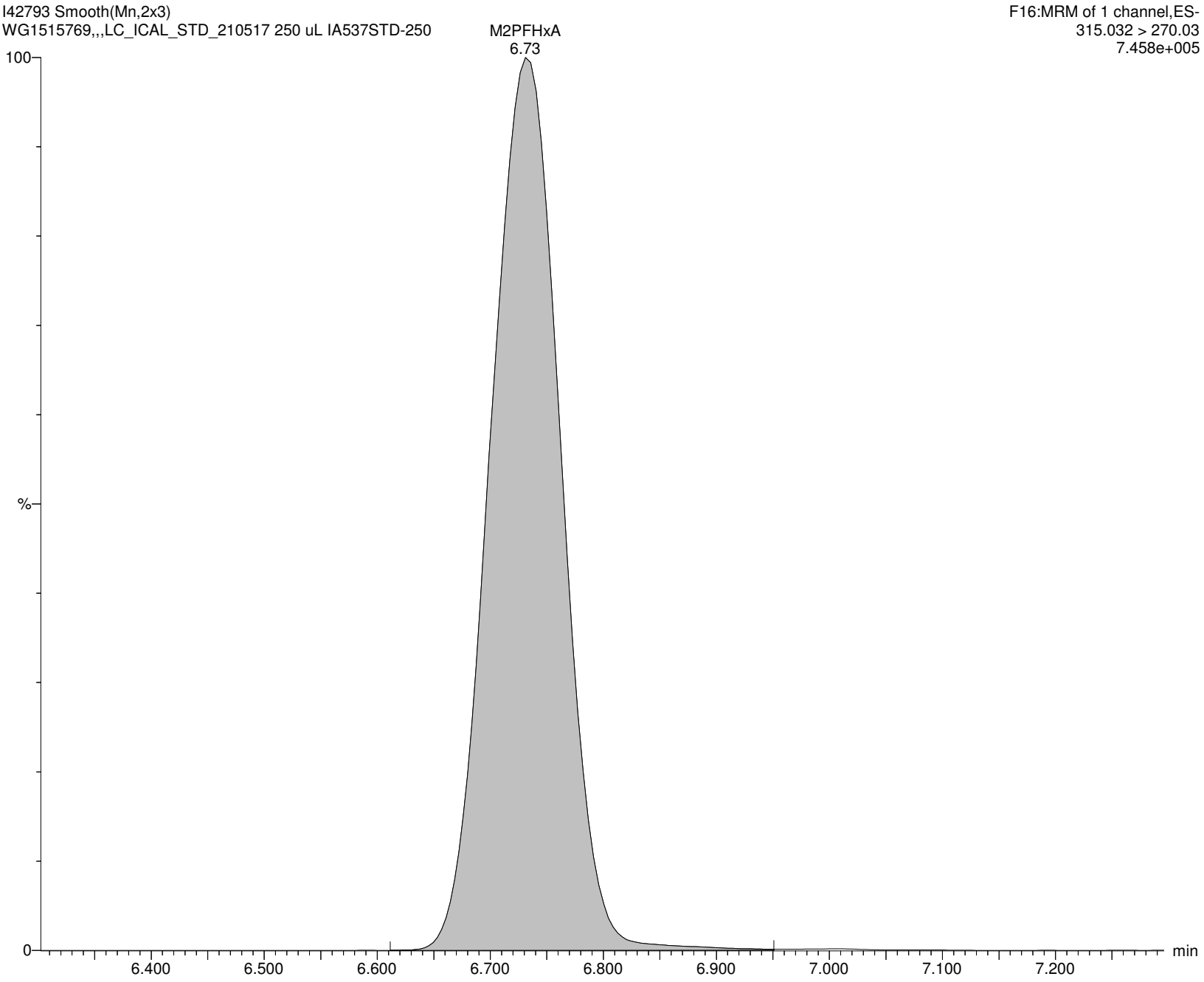


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFHxA

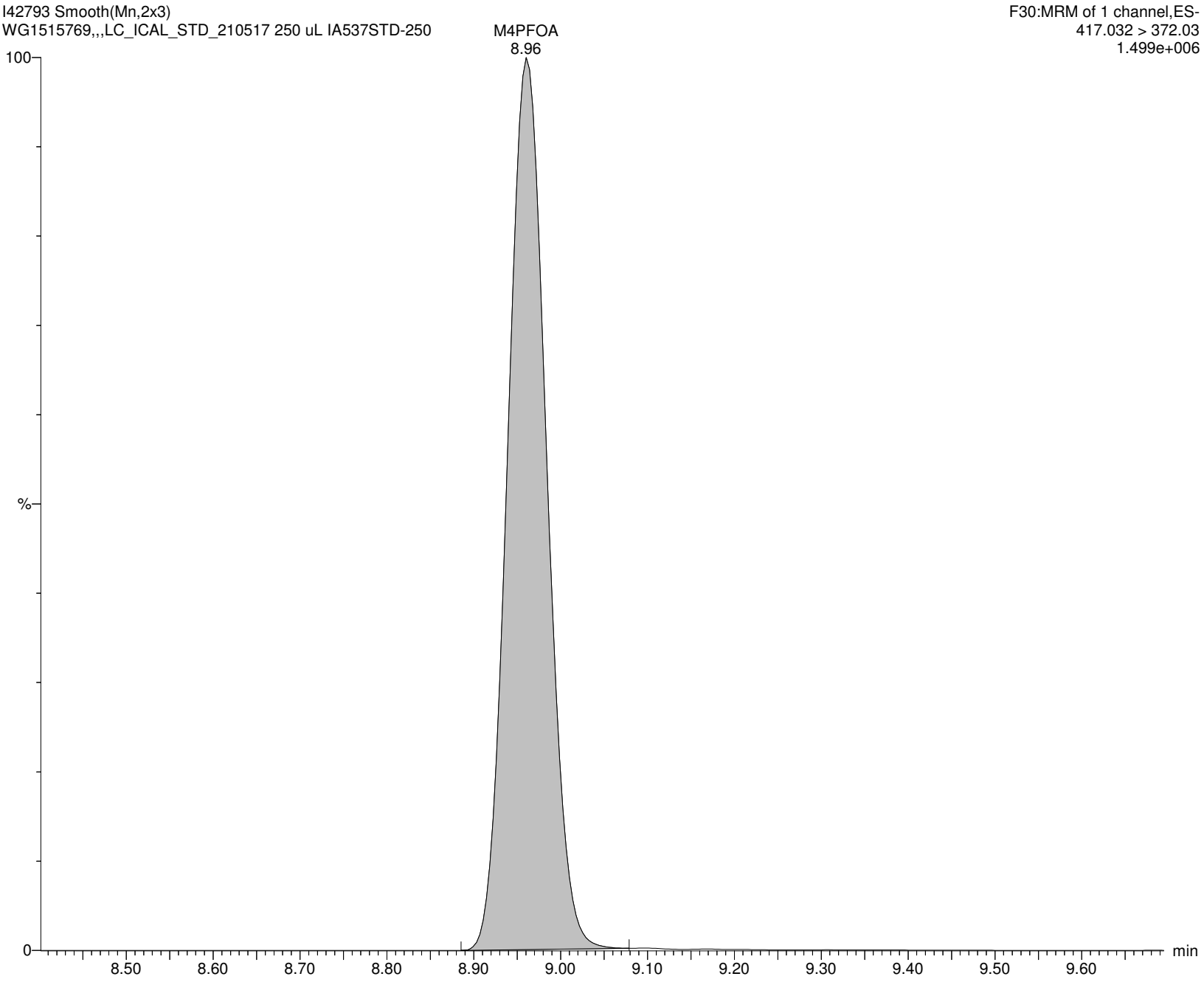


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOA

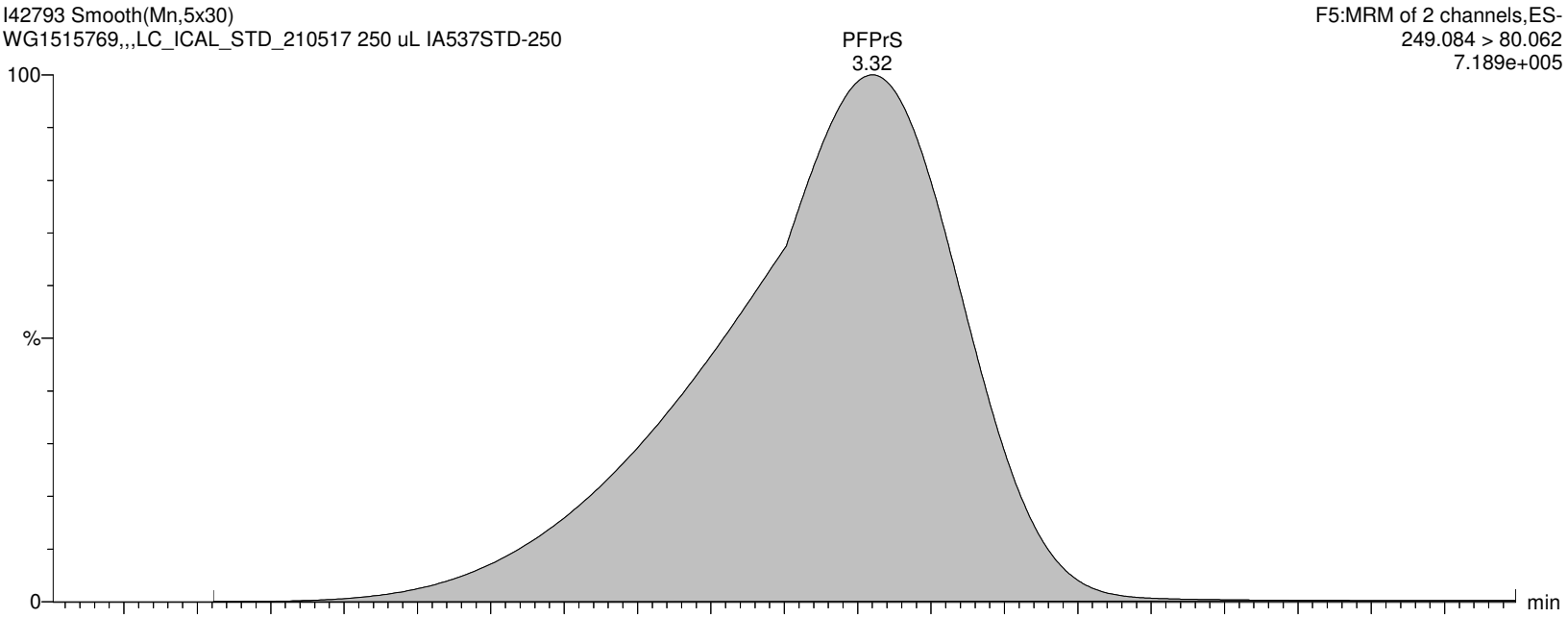


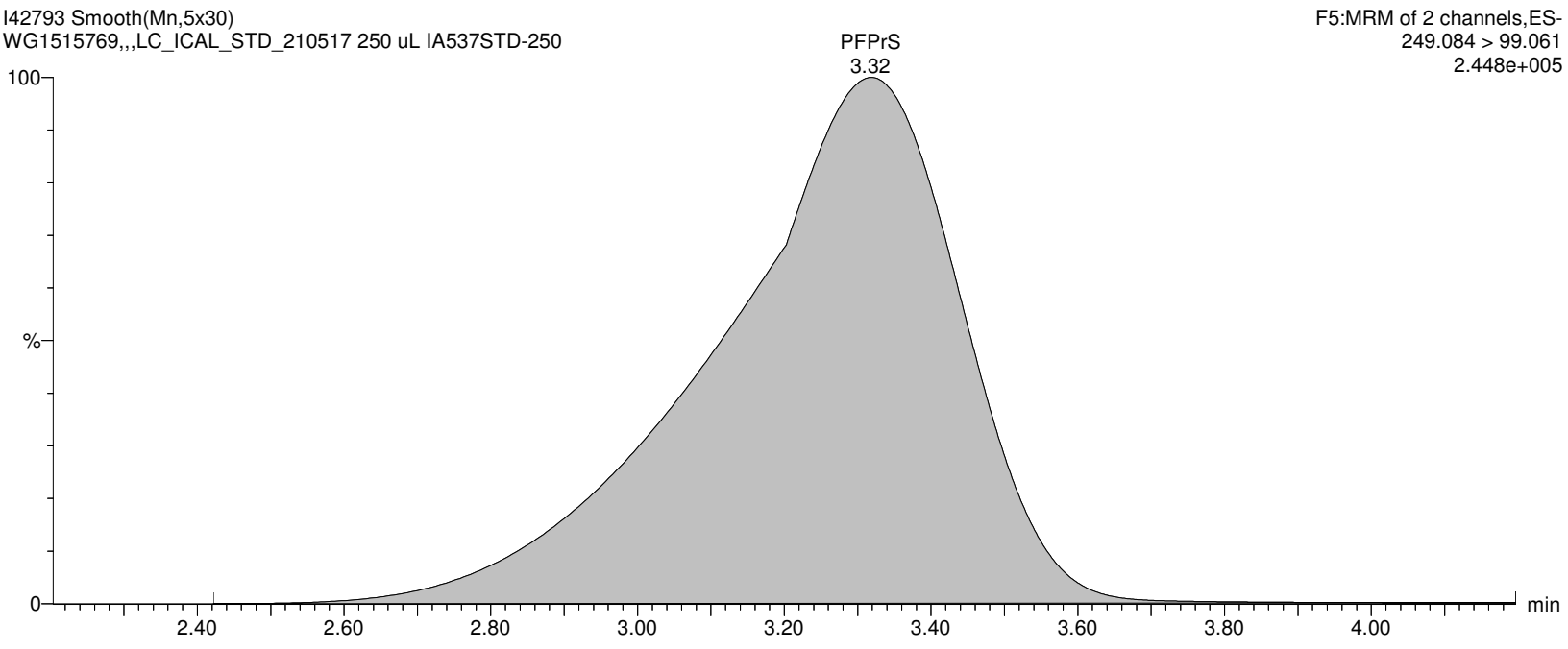
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPrS



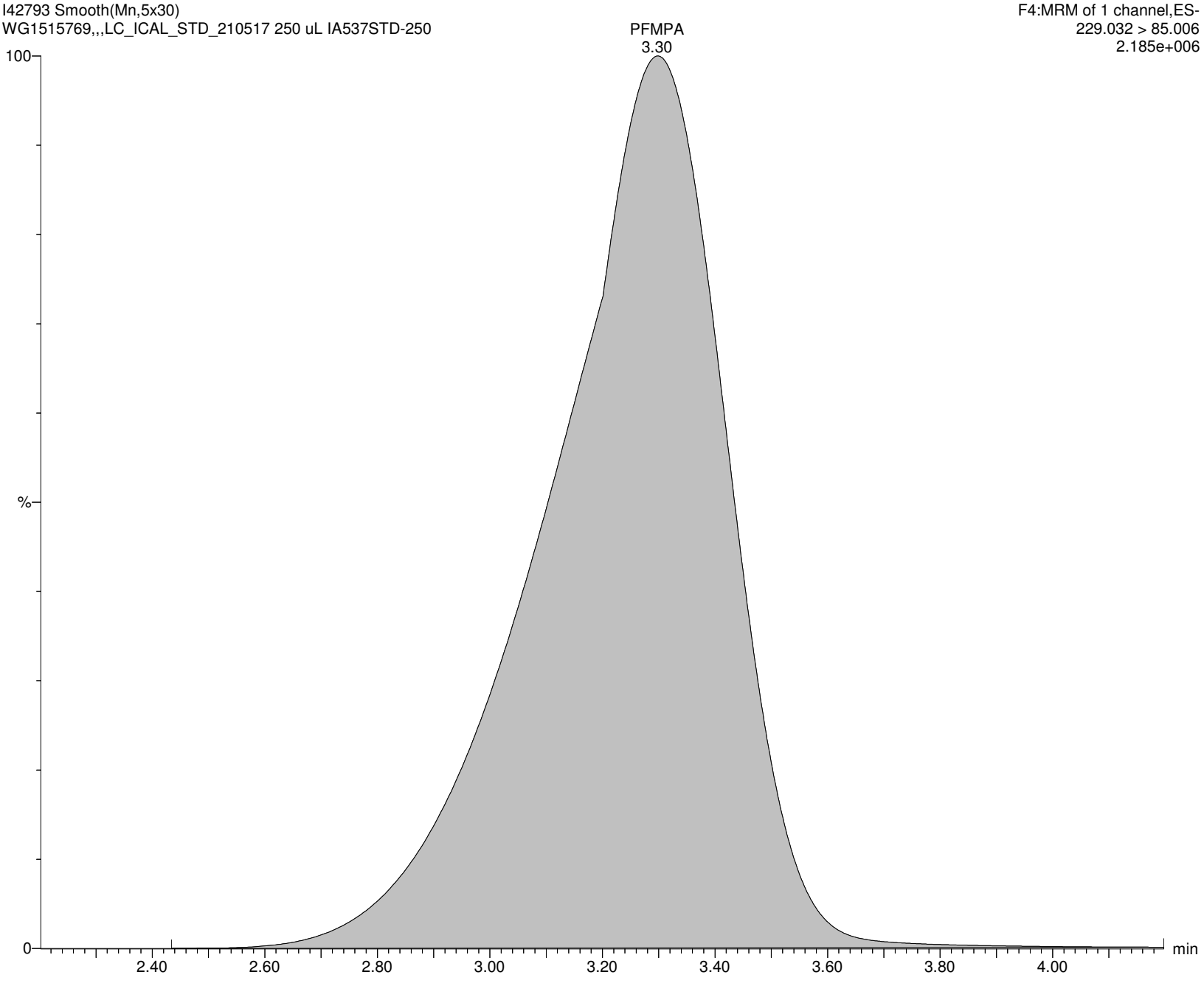


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFMPA

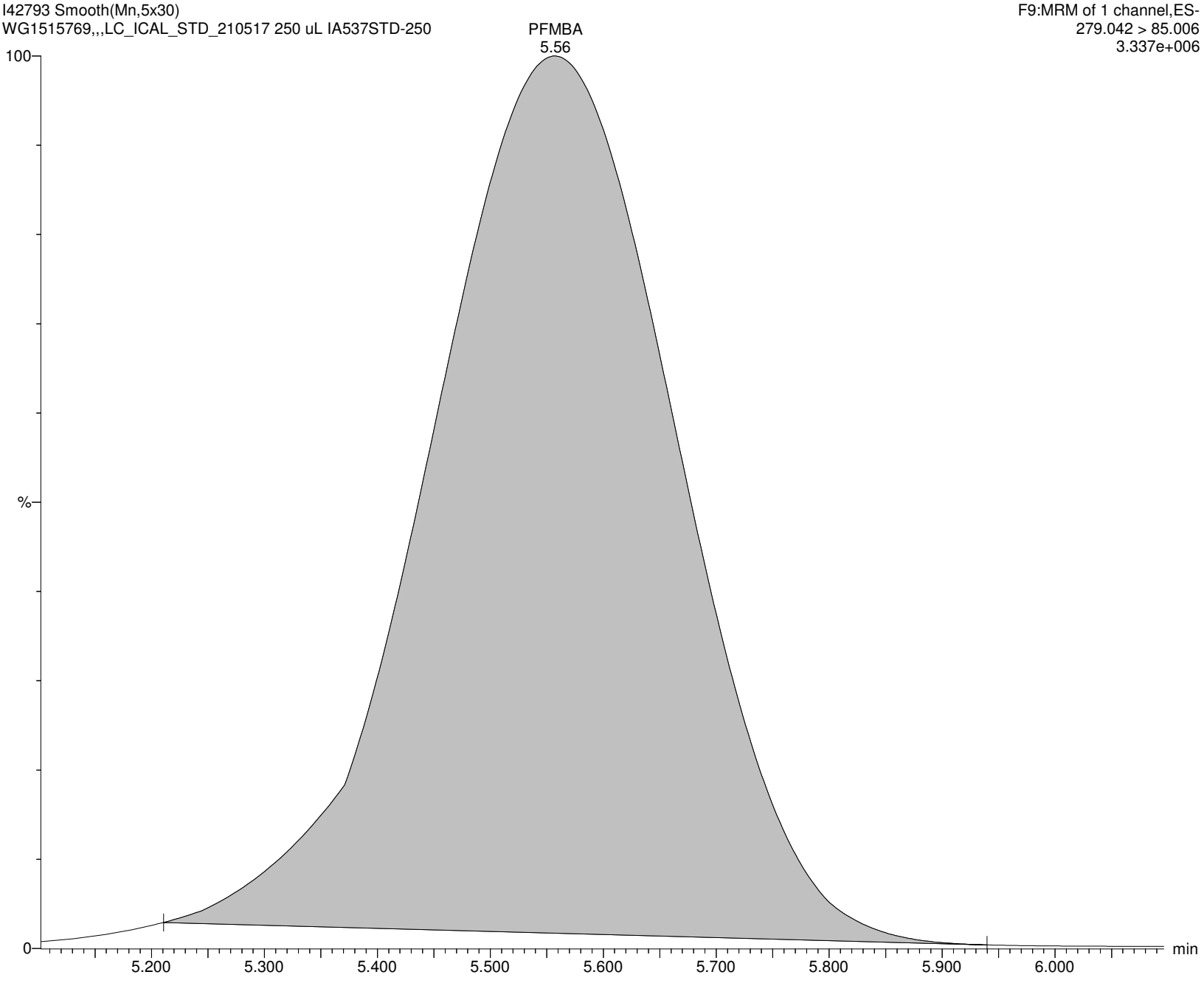


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFMBA

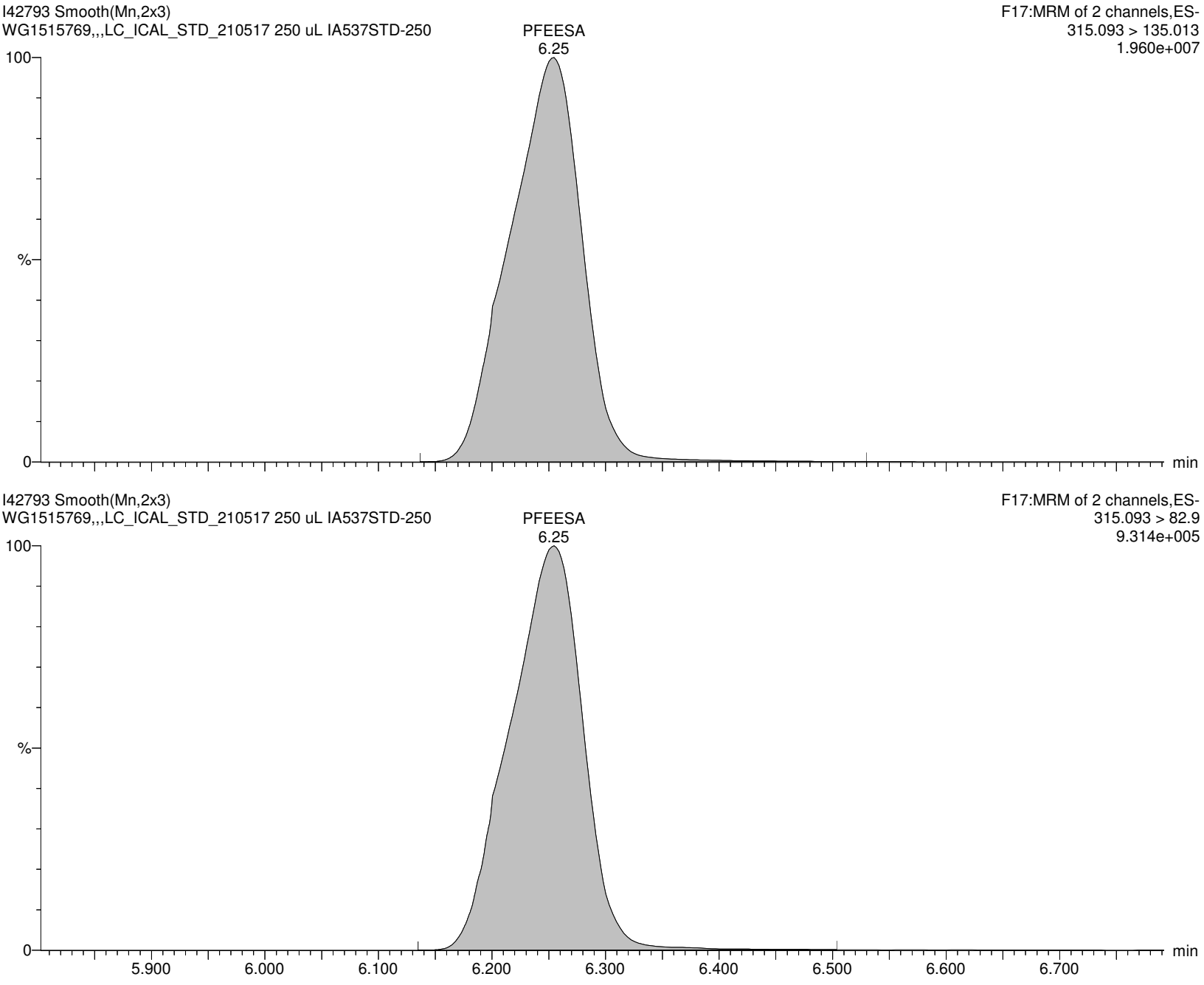


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFEESA

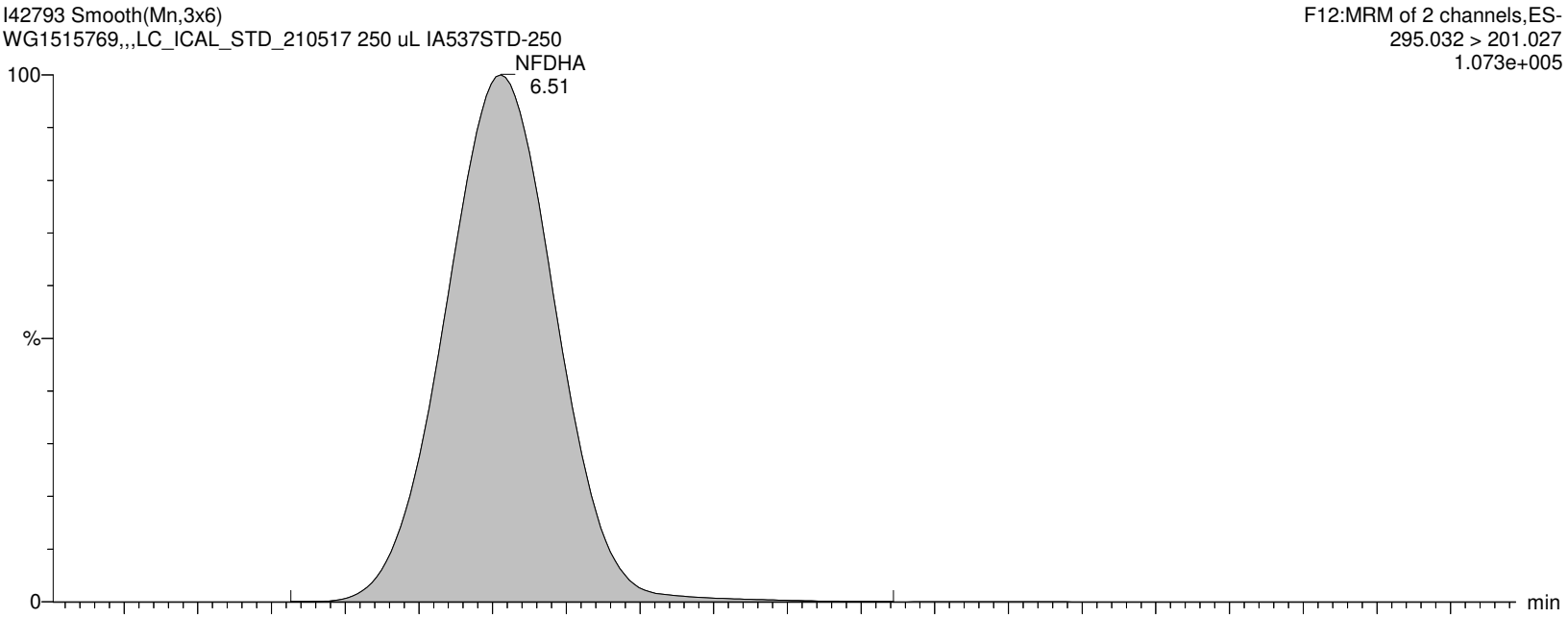


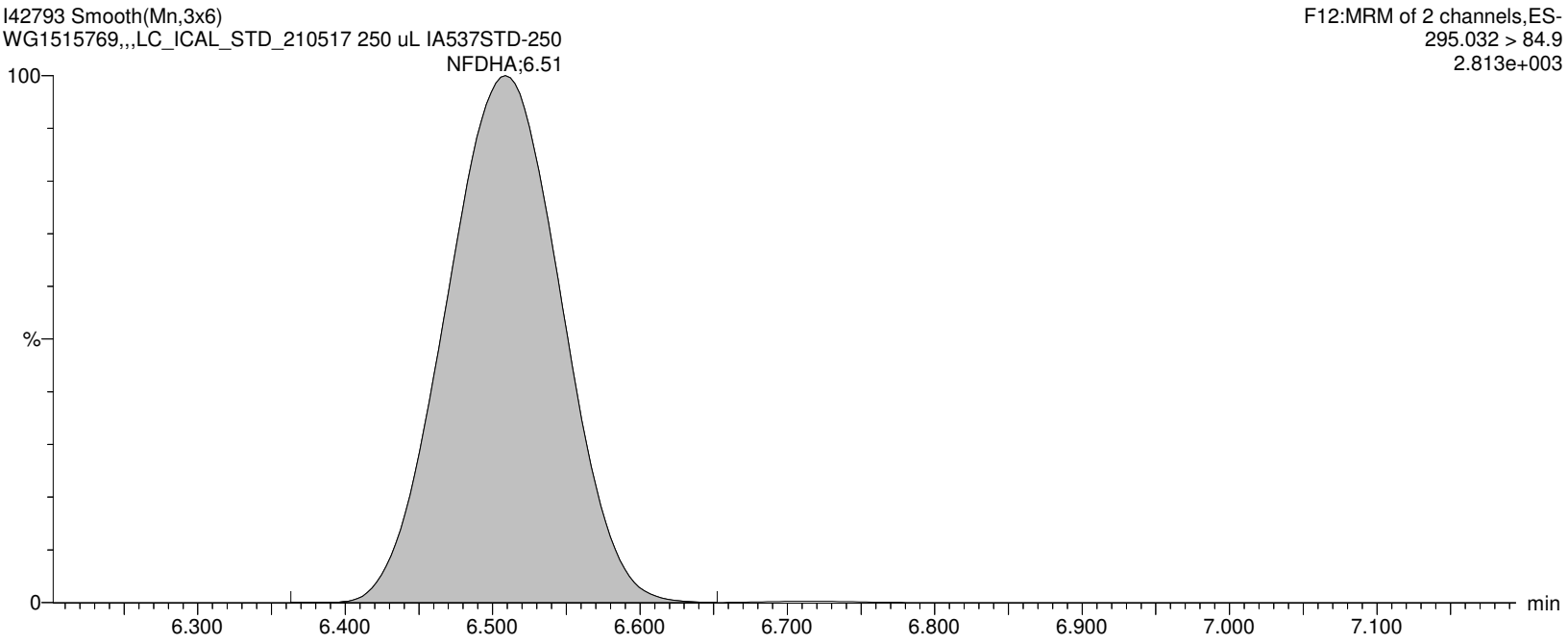
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICAL_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:42:14 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:44:01 Eastern Daylight Time

Name: I42793
ID: IA537STD-250
Date: 25-Jun-2021
Time: 20:32:55
Description: WG1515769,,,LC_ICAL_STD_210517 250 uL
User: LCMS02:RS
Vial: 1:D,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NFDHA





all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\MethDB\537ISO_Q_210625_TOP_RT.mdb 28 Jun 2021 09:51:05
Calibration: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

ID: CA537STD-10
Name: I42799
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	1.97	213.032 > 169.022	52965		10.769		na	107.7
2	M3PFBA	INT STD	1.97	216.009 > 171.999	51685		9.845		na	98.5
3	MPFBA	INT STD	1.97	217.001 > 171.999	55266		9.945		na	99.4
4	PFPeA	2706-90-3	4.84	263.039 > 219.03	60309		10.597		na	106.0
5	M5PFPEA	INT STD	4.84	268.001 > 222.999	60486		9.919		na	99.2
6	PFBS	375-73-5	5.50	299.092 > 80.062	12727		9.566	1.92	NO	108.1
7	M3PFBS	INT STD	5.50	302.069 > 80.062	12247		9.768		na	97.7
8	4:2FTS	757124-72-4	6.65	327.146 > 307.139	4787		11.070	2.62	NO	118.4
9	M2-4:2FTS	INT STD	6.65	329.13 > 309.124	4563		9.082		na	90.8
10	PFHxA	307-24-4	6.73	313.047 > 269.037	72666		10.670	15.82	NO	106.7
11	M5PFHxA	INT STD	6.73	318.009 > 273.007	64183		10.105		na	101.0
12	PFPeS	2706-91-4	7.05	349.1 > 80.062	13952		10.946	2.36	NO	116.4
13	PFHpA	375-85-9	8.01	363.055 > 319.045	102053		10.494	5.51	NO	104.9
14	M4PFHpA	INT STD	8.01	367.025 > 322.022	96114		10.149		na	101.5
15	br-PFHxS	355-46-4	7.94	399.107 > 80.062	2400	m5,m7	1.938	2.15	NO	114.0
16	L-PFHxS	355-46-4	8.18	399.107 > 80.062	11846		7.539	1.63	NO	101.9
17	PFHxS	355-46-4		399.107 > 80.062	14246		9.477		na	
18	M3PFHxS	INT STD	8.18	402.084 > 80.062	14400		10.129		na	101.3
19	br-PFOA	335-67-1		413.063 > 369.053			ND		YES	
20	L-PFOA	335-67-1	8.96	413.063 > 369.053	109301		10.652	8.84	NO	106.5
21	PFOA	335-67-1		413.063 > 369.053	109301		10.652		na	
22	M8PFOA	INT STD	8.95	421.002 > 376.	106476		10.096		na	101.0
23	M2PFOA	INT STD	8.96	415.048 > 370.045	103878		9.808		na	98.1
24	6:2FTS	27619-97-2	8.92	427.161 > 407.155	4710		10.629	3.60	NO	111.9
25	M2-6:2FTS	INT STD	8.92	429.146 > 409.14	4629		8.975		na	89.7
26	PFHpS	375-92-8	9.05	449.115 > 80.062	9432		10.435	1.10	NO	109.8
27	PFNA	375-95-1	9.71	463.071 > 419.061	80433		10.838	3.81	NO	108.4
28	M9PFNA	INT STD	9.71	472.002 > 427.	29710		9.808		na	98.1
29	br-PFOS	1763-23-1	9.58	499.123 > 80.062	3338	m5,m7	2.380	4.23	NO	119.0
30	L-PFOS	1763-23-1	9.77	499.123 > 80.062	9407		8.401	1.77	NO	115.1
31	PFOS	1763-23-1		499.123 > 80.062	12745		10.781		na	
32	M4PFOS	INT STD	9.77	503.093 > 80.062	11363		10.039		na	100.4
33	M8PFOS	INT STD	9.77	507.062 > 80.062	12616		9.909		na	99.1
34	PFDA	335-76-2	10.34	513.078 > 469.069	70468		10.166	5.48	NO	101.7
35	M2PFDA	INT STD	10.34	515.053 > 469.934	59046		9.679		na	96.8
36	M6PFDA	INT STD	10.34	519.033 > 474.03	69660		10.394		na	103.9
37	8:2FTS	39108-34-4	10.33	527.177 > 507.171	2439		11.234	4.81	NO	117.0
38	M2-8:2FTS	INT STD	10.33	529.162 > 509.155	3465		9.139		na	91.4
39	PFNS	68259-12-1	10.37	549.131 > 80.062	10770		11.050	1.46	NO	115.1

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

ID: CA537STD-10
Name: I42799
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.75	573.22 > 419.061	5962		9.438		na	94.4
41	br-NMeFOSAA			570.202 > 419.061			ND		YES	
42	L-NMeFOSAA		10.76	570.202 > 419.061	7381		11.364	2.41	NO	149.5
43	NMeFOSAA	2355-31-9		570.202 > 419.061	7381		11.364		na	
44	PFUnA	2058-94-8	10.87	563.086 > 519.076	65401		9.866	9.05	NO	98.7
45	M7-PFUDA	INT STD	10.87	570.033 > 525.031	65719		10.515		na	105.1
46	PFDS	335-77-3	10.89	599.139 > 80.062	10977		10.481	1.64	NO	108.6
47	FOSA	754-91-6	10.94	498.146 > 78.07	33083		10.662	121.59	NO	106.6
48	M8FOSA	INT STD	10.94	506.077 > 78.07	36243		9.989		na	99.9
49	br-NEtFOSAA			584.229 > 419.061			ND		YES	
50	L-NEtFOSAA		11.06	584.229 > 419.061	5438		10.500	1.19	NO	135.5
51	NEtFOSAA	2991-50-6		584.229 > 419.061	5438		10.500		na	
52	d5-NEtFOSAA	INT STD	11.05	589.259 > 419.061	5249		10.056		na	100.6
53	PFDoA	307-55-1	11.34	613.094 > 569.084	67060		10.814	19.31	NO	108.1
54	MPFDOA	INT STD	11.34	615.079 > 570.077	59051		9.793		na	97.9
55	PFTrDA	72629-94-8	11.75	663.102 > 619.092	56503		12.710	12.17	NO	127.1
56	PFTA	376-06-7	12.10	713.11 > 669.1	39073		11.053	8.81	NO	110.5
57	M2PFTEDA	INT STD	12.10	715.094 > 670.092	18157		9.600		na	96.0
58	M3HFPO-DA	INT STD	7.16	287.02 > 169.022	6395		217.585		na	108.8
59	HFPO-DA	13252-13-6	7.16	285.035 > 169.022	6274		202.073	3.67	NO	202.1
60	ADONA	958445-44-8	8.19	377.06 > 251.028	67082		7.933	41.12	NO	83.8
61	PFHxDA		12.63	813.122 > 769.116	16320		9.520	21.97	NO	95.2
62	PFODA		12.86	913.411 > 869.131	2005		9.555	26.15	NO	95.5
63	M2PFHxDA		12.63	815.102 > 770.108	25930		9.360		na	93.6
64	PFDoS		11.74	699.154 > 80.062	6848		10.011	2.54	NO	100.1
65	9CL-PF3ONS		10.12	530.862 > 350.843	37392		7.363	2.59	NO	79.0
66	11CL-PFOUdS		11.15	630.862 > 450.854	35310		7.509	3.06	NO	79.7
67	NMeFOSA		11.56	512.163 > 169.022	5894		9.032	1.60	NO	18.1
68	d3-NMeFOSA		11.55	515.183 > 169.022	80593		108.410		na	108.4
69	NEtFOSA		11.86	526.192 > 169.022	5962		8.437	4.74	NO	16.9
70	d5-NEtFOSA		11.85	531.222 > 169.022	89104		107.970		na	108.0
71	NMeFOSE		11.56	615.8 > 59.045	14319		9.826		na	39.3
72	d7-NMeFOSE		11.54	622.84 > 59.045	67380		110.525		na	110.5
73	NEtFOSE		11.85	629.862 > 59.045	15425		9.259		na	37.0
74	d9-NEtFOSE		11.83	638.734 > 59.045	63133		102.554		na	102.6
75	M3PFPeA		4.85	266.017 > 222.007	65457		9.657		na	96.6
76	M2PFHxA		6.73	315.032 > 270.03	67921		9.842		na	98.4
77	M4PFOA		8.96	417.032 > 372.03	105622		9.933		na	99.3
78	PFPrS	423-41-6	3.32	249.084 > 80.062	15967		13.140	2.94	NO	143.5
79	PFMPA		3.30	229.032 > 85.006	42792		12.017		na	120.2
80	PFMBA		5.55	279.042 > 85.006	45769		11.705		na	117.1
81	PFEESA		6.24	315.093 > 135.013	75044		11.477	21.33	NO	129.0
82	NFDHA		6.49	295.032 > 201.027	515		11.435	21.74	NO	114.3

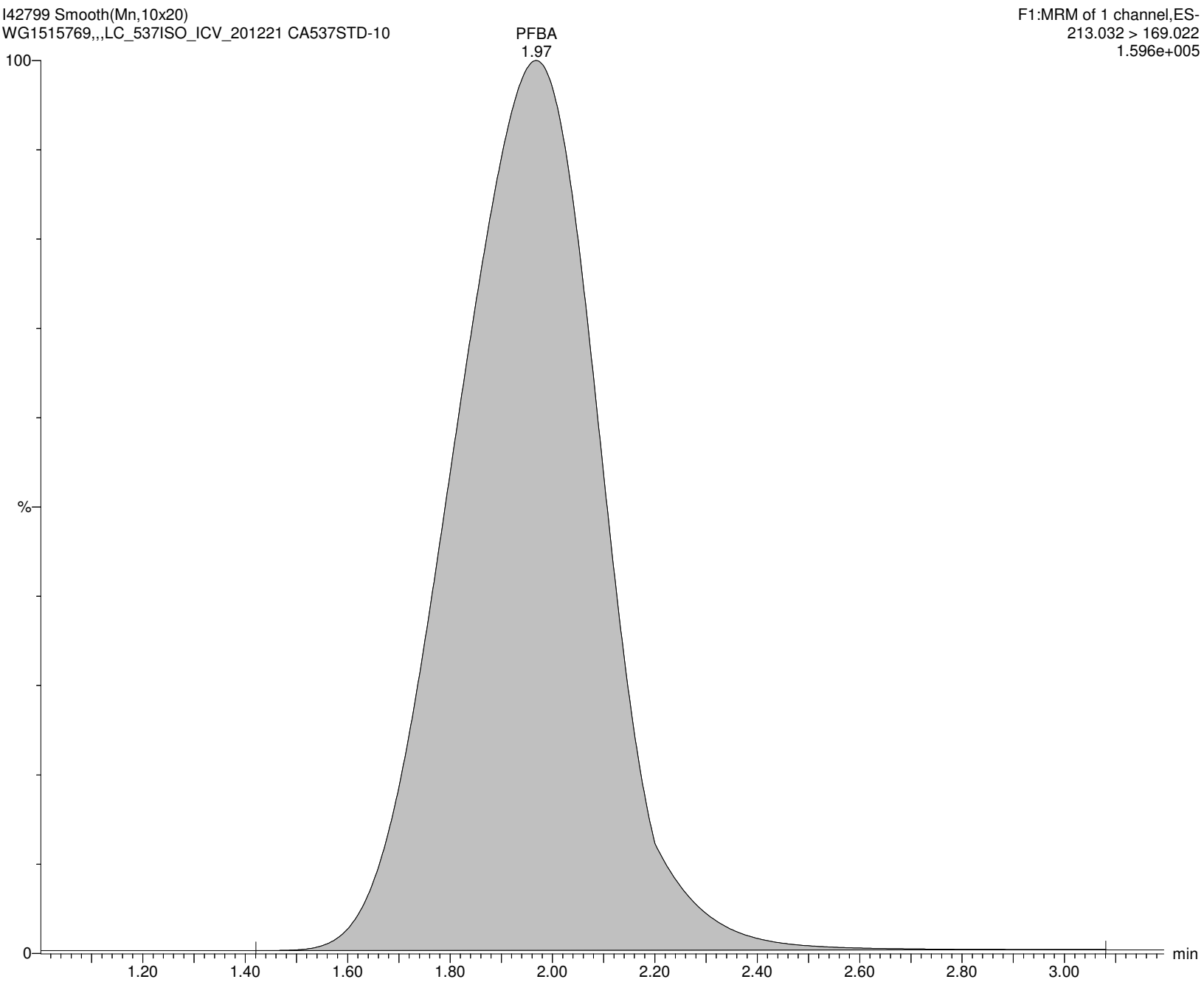
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\MethDB\537ISO_Q_210625_TOP_RT.mdb 28 Jun 2021 09:51:05
Calibration: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBA

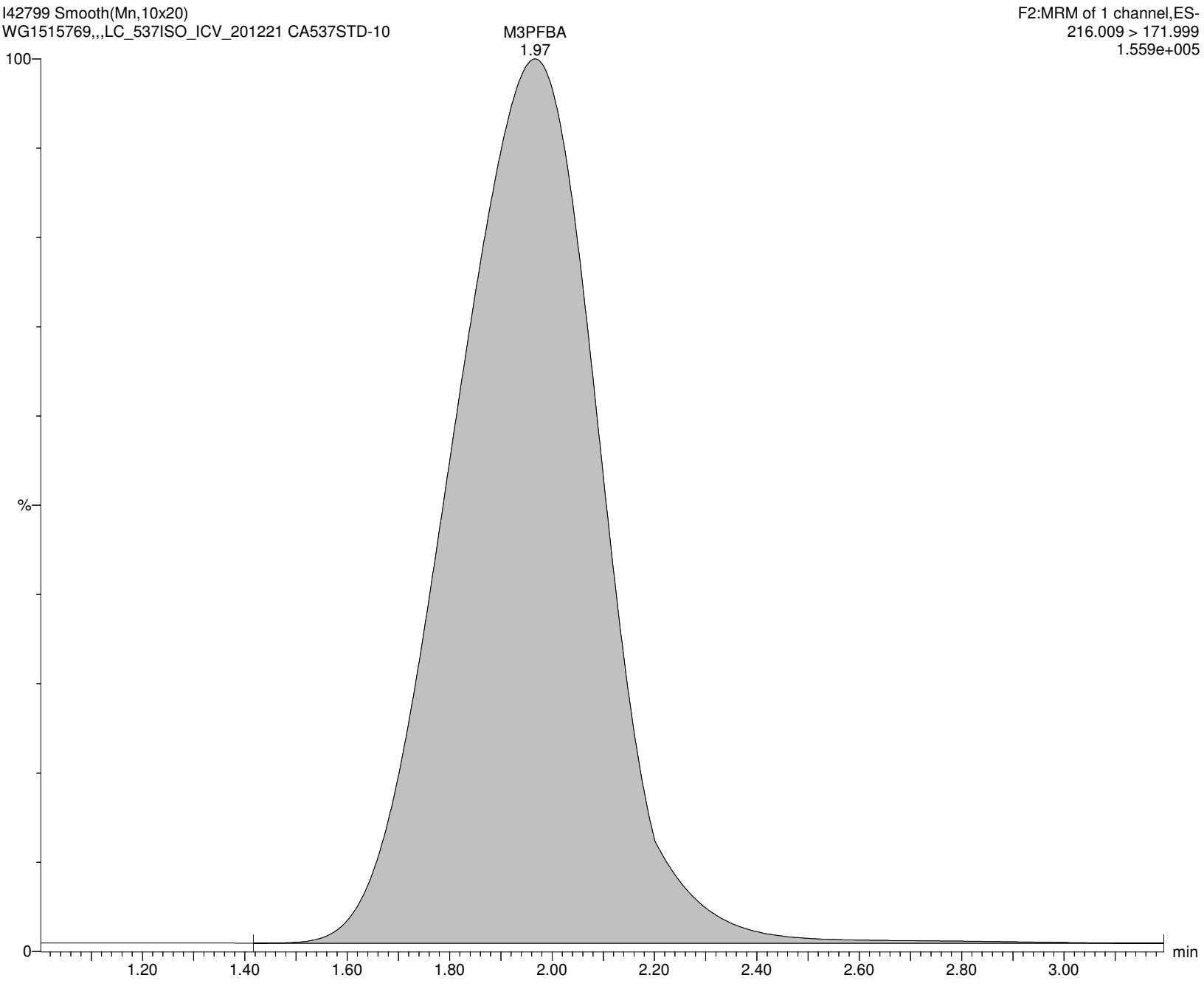


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBA

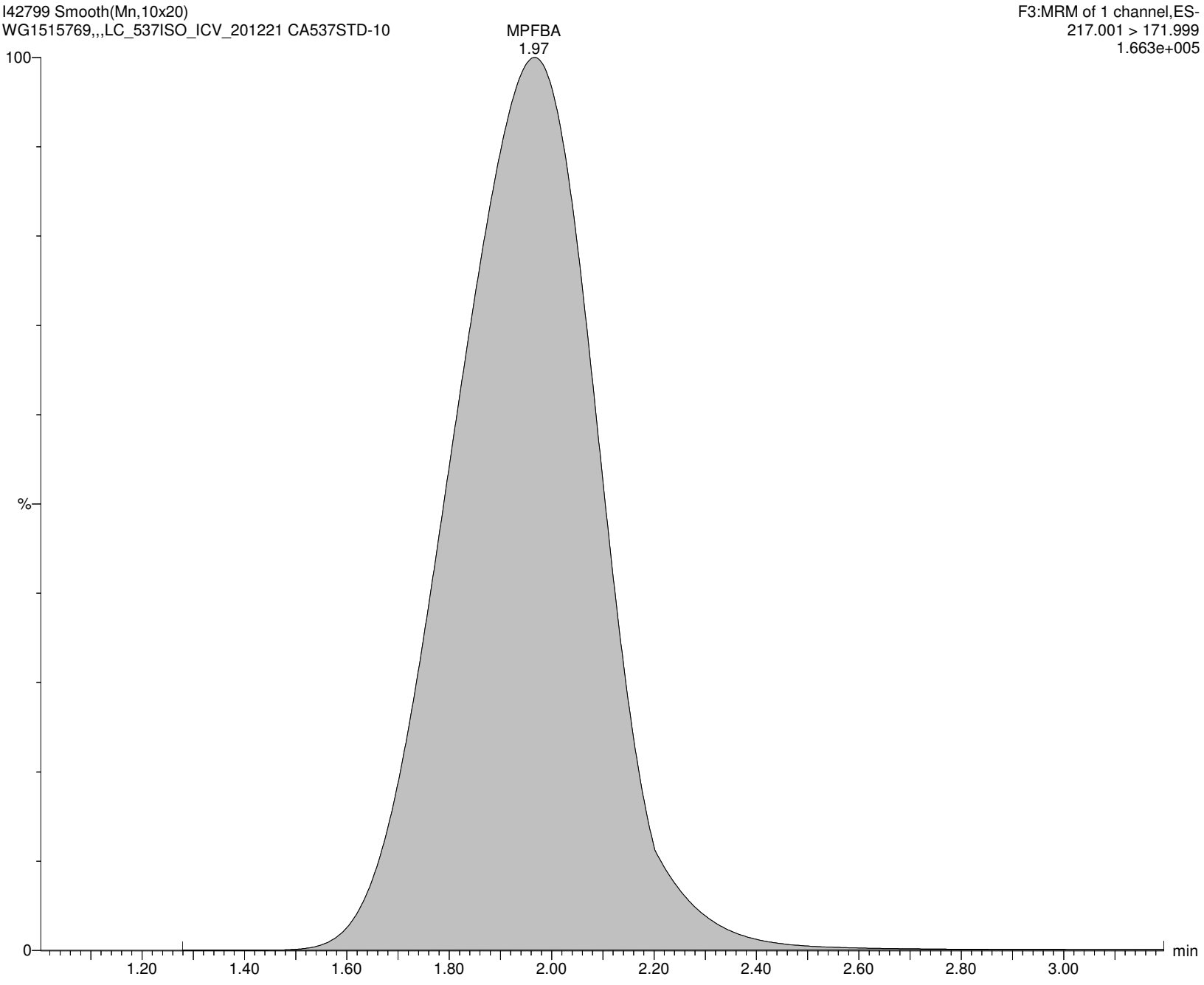


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFBA

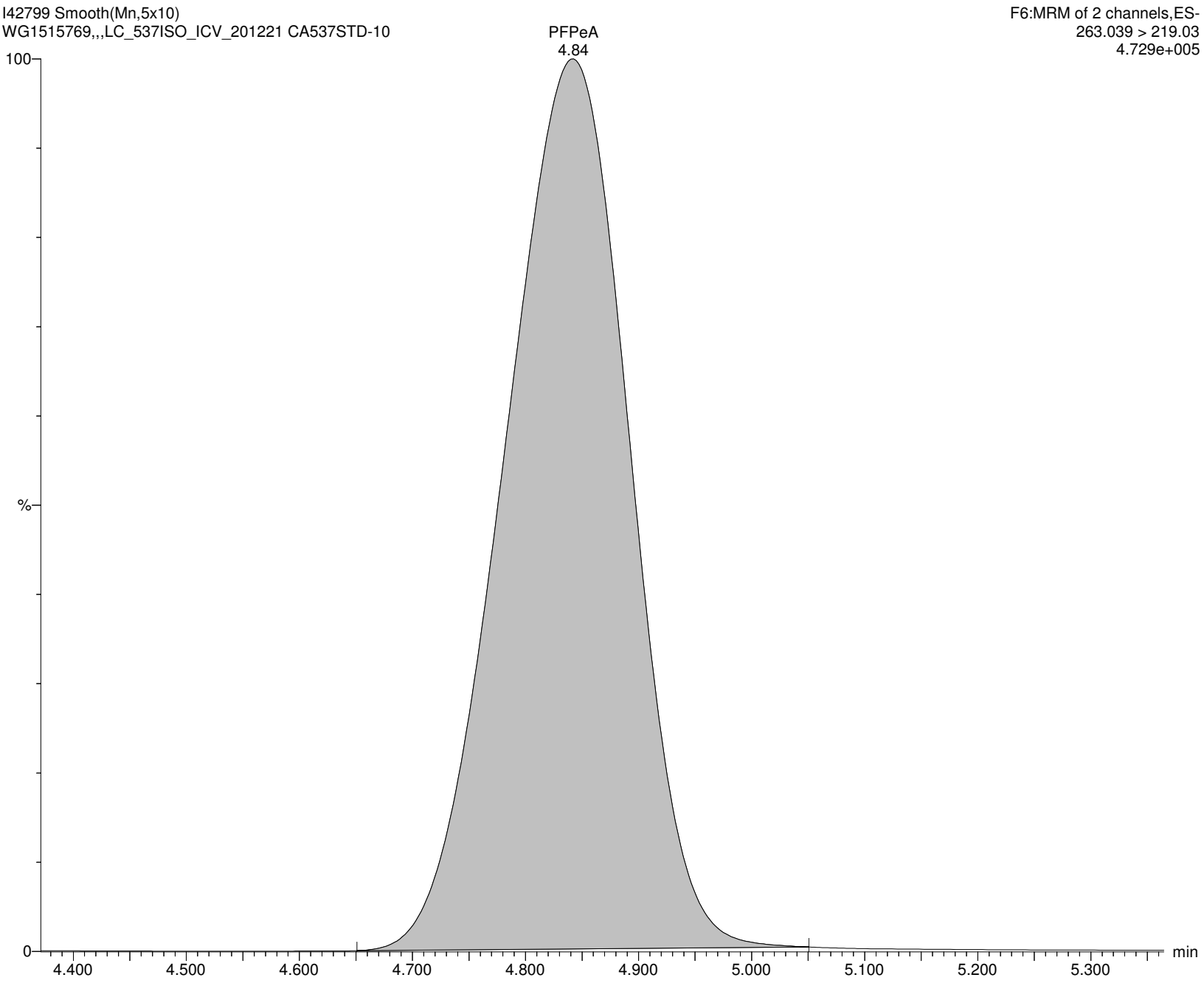


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeA

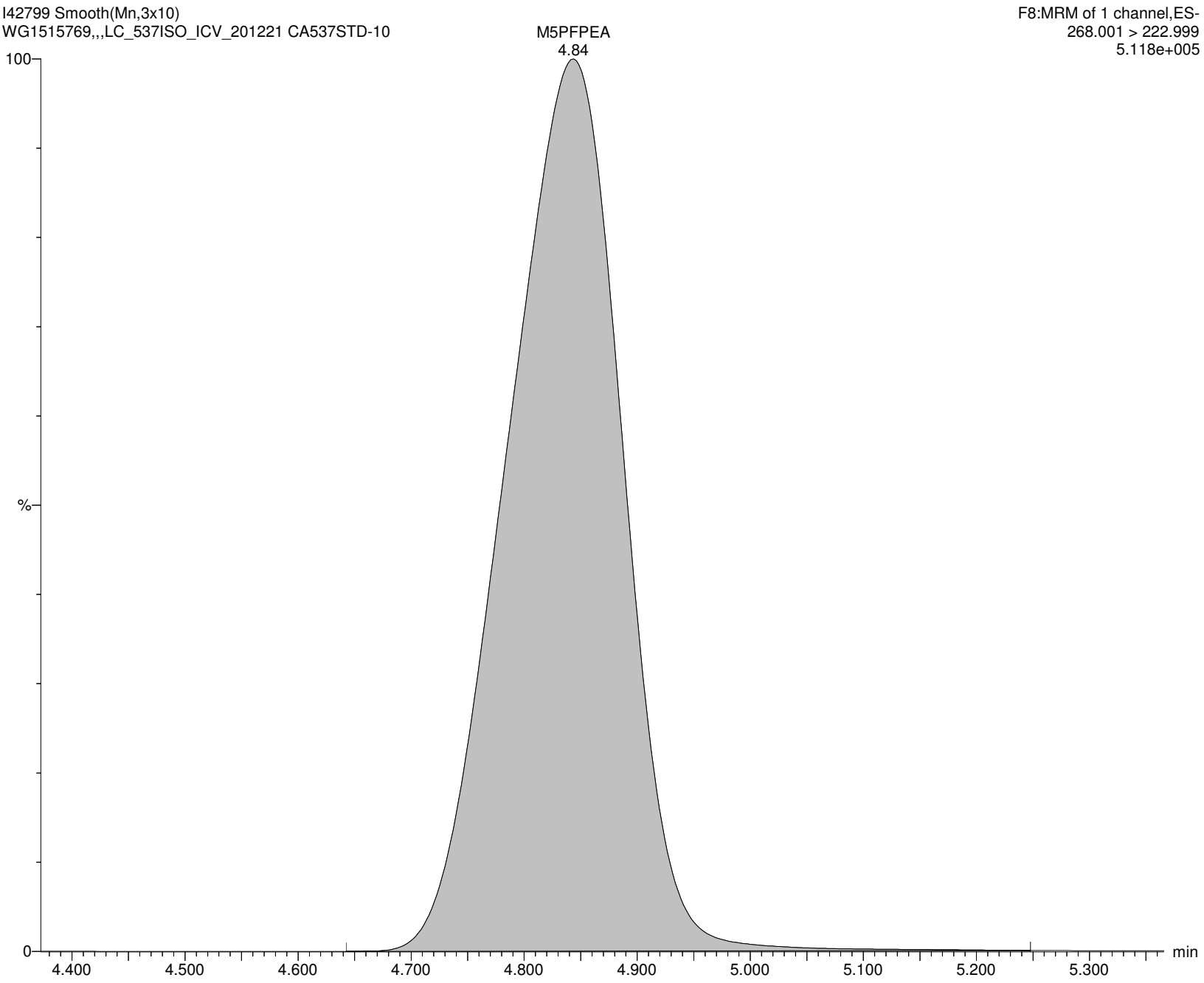


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFPEA

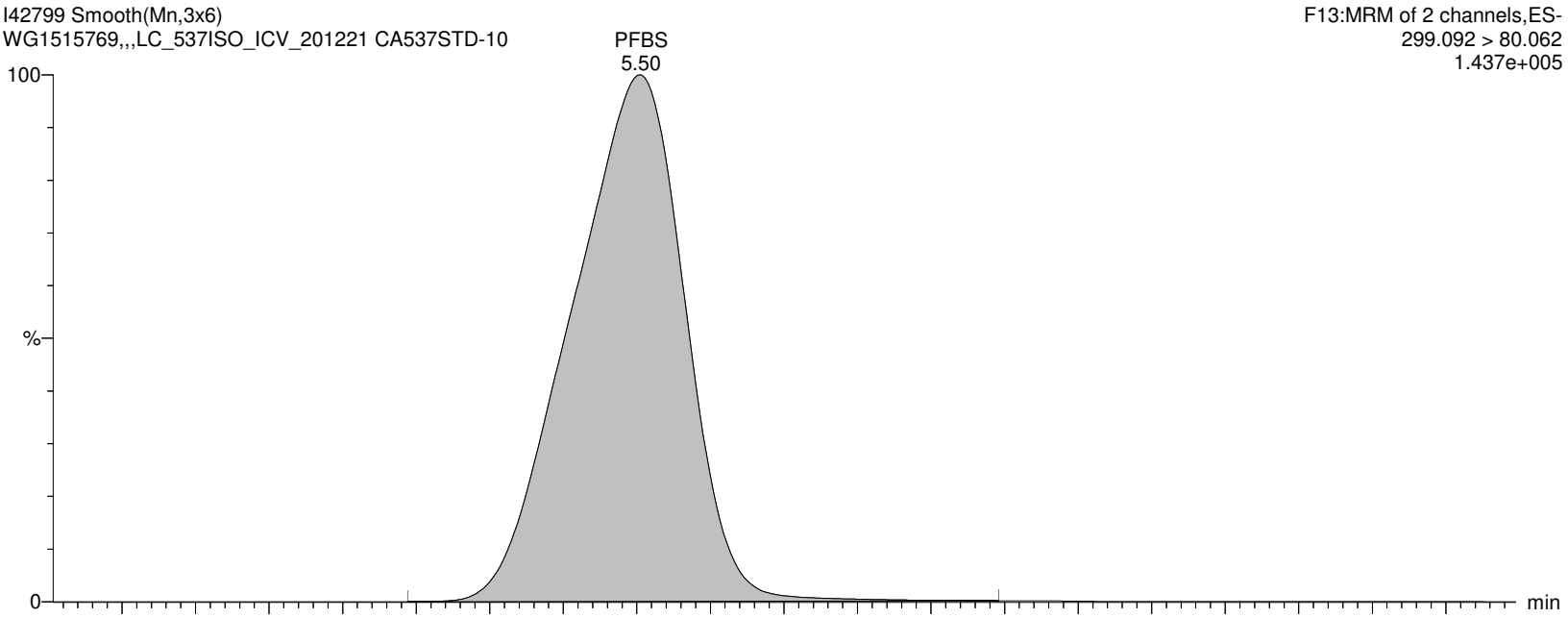


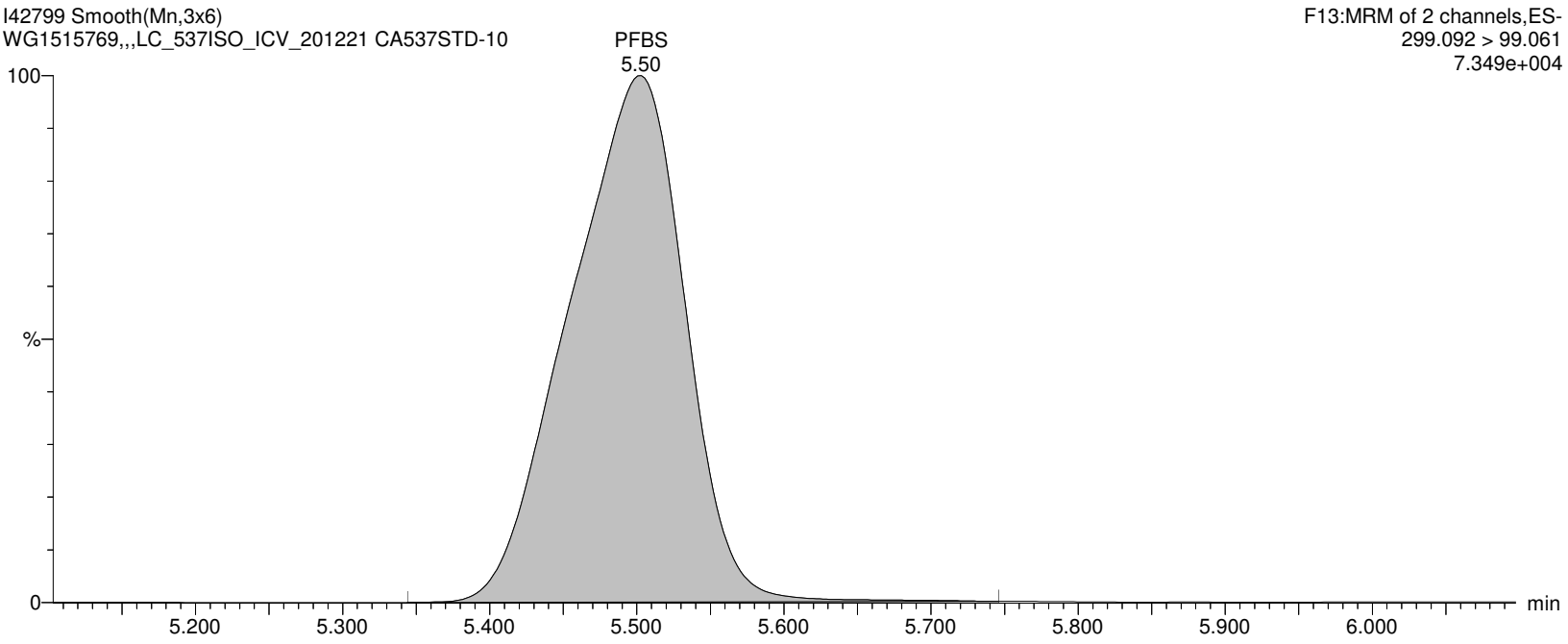
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBS



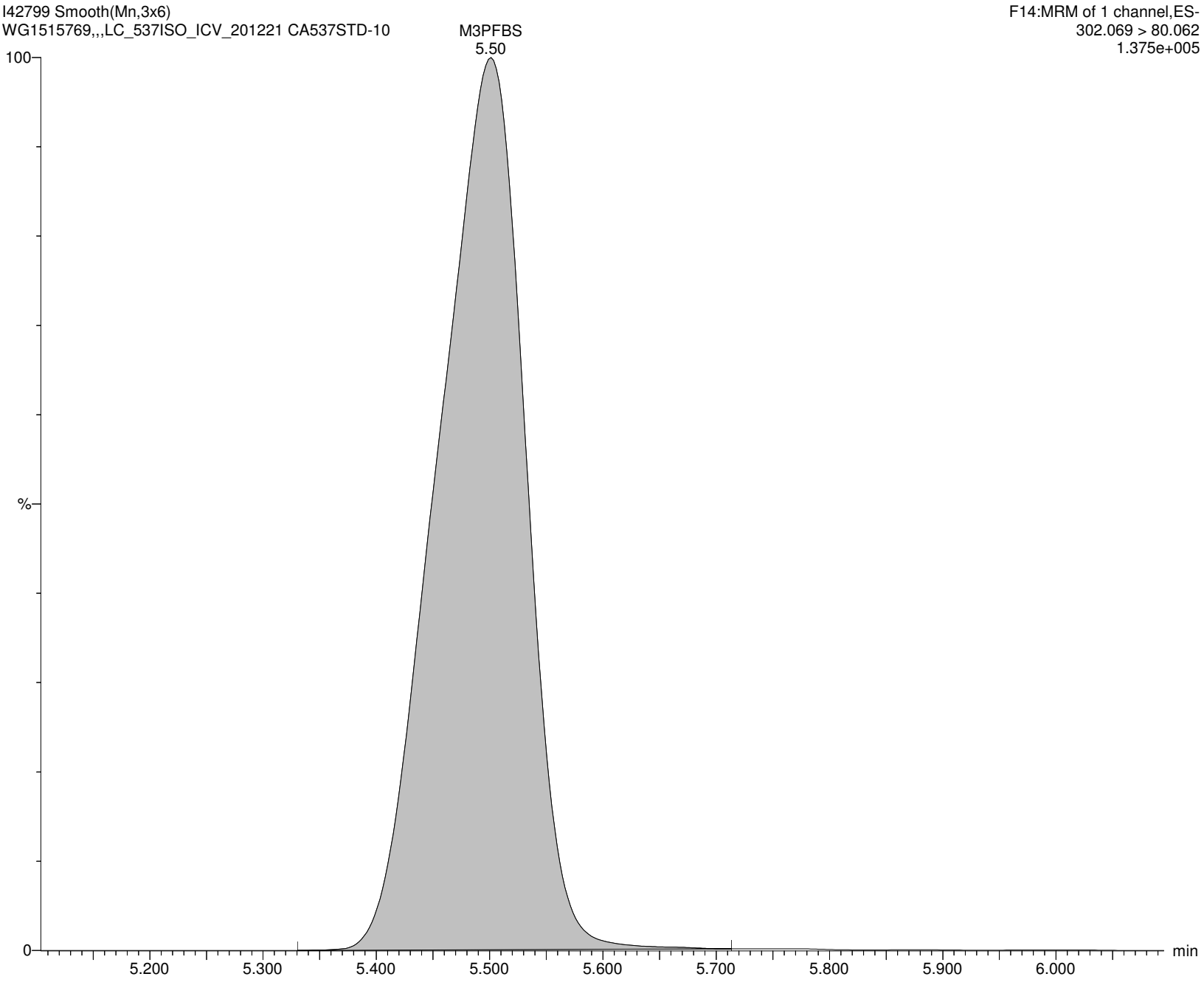


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBS

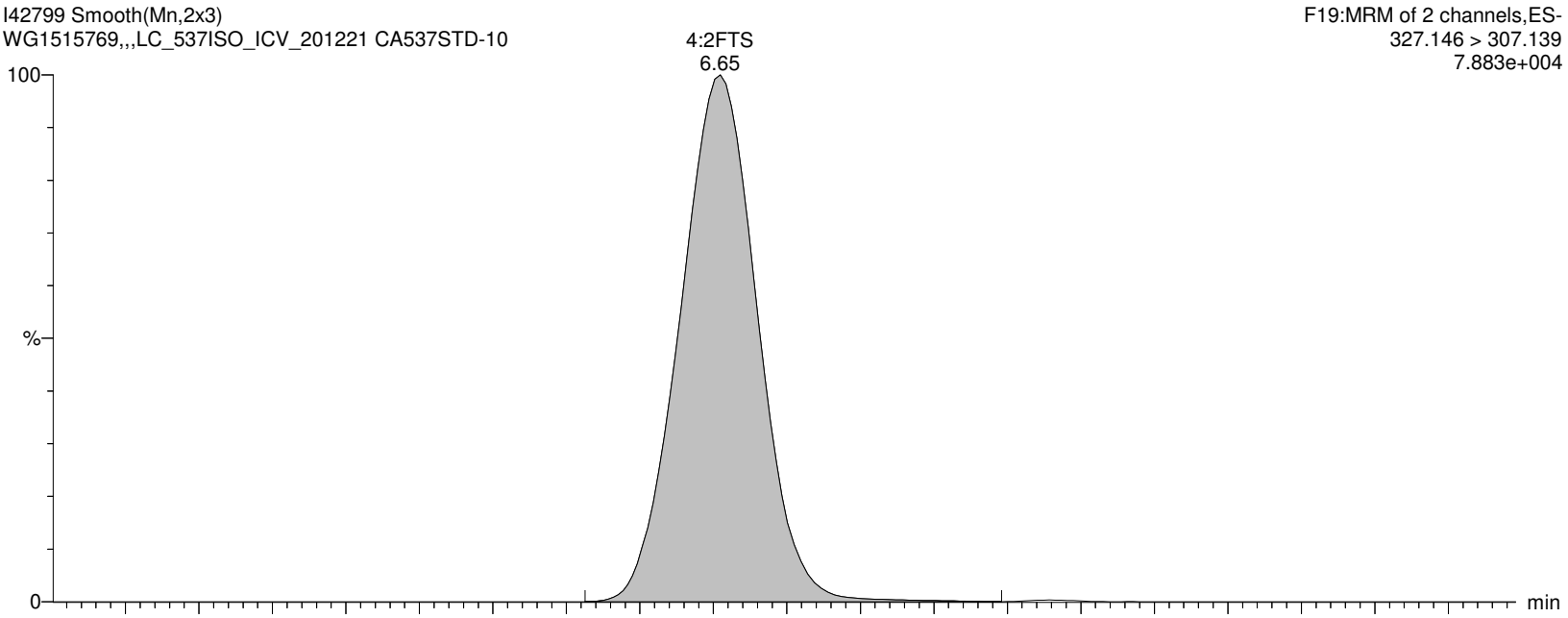


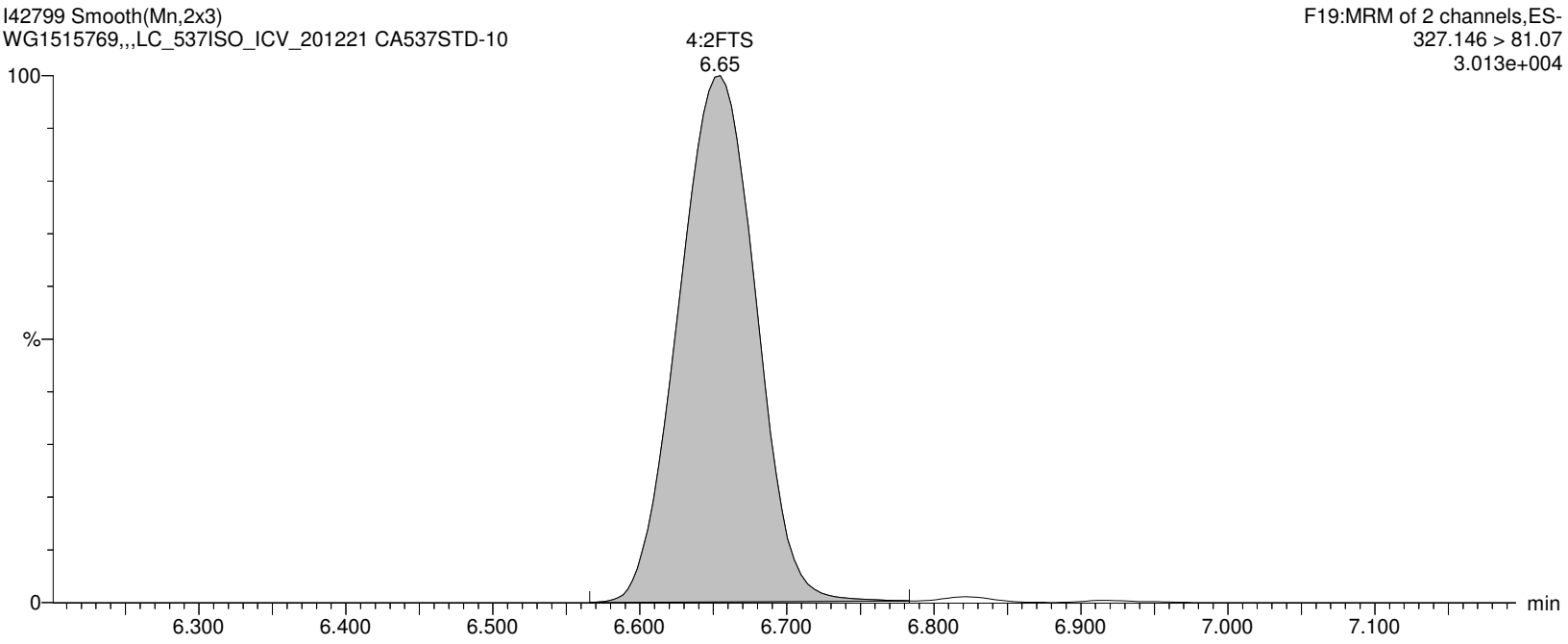
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

4:2FTS



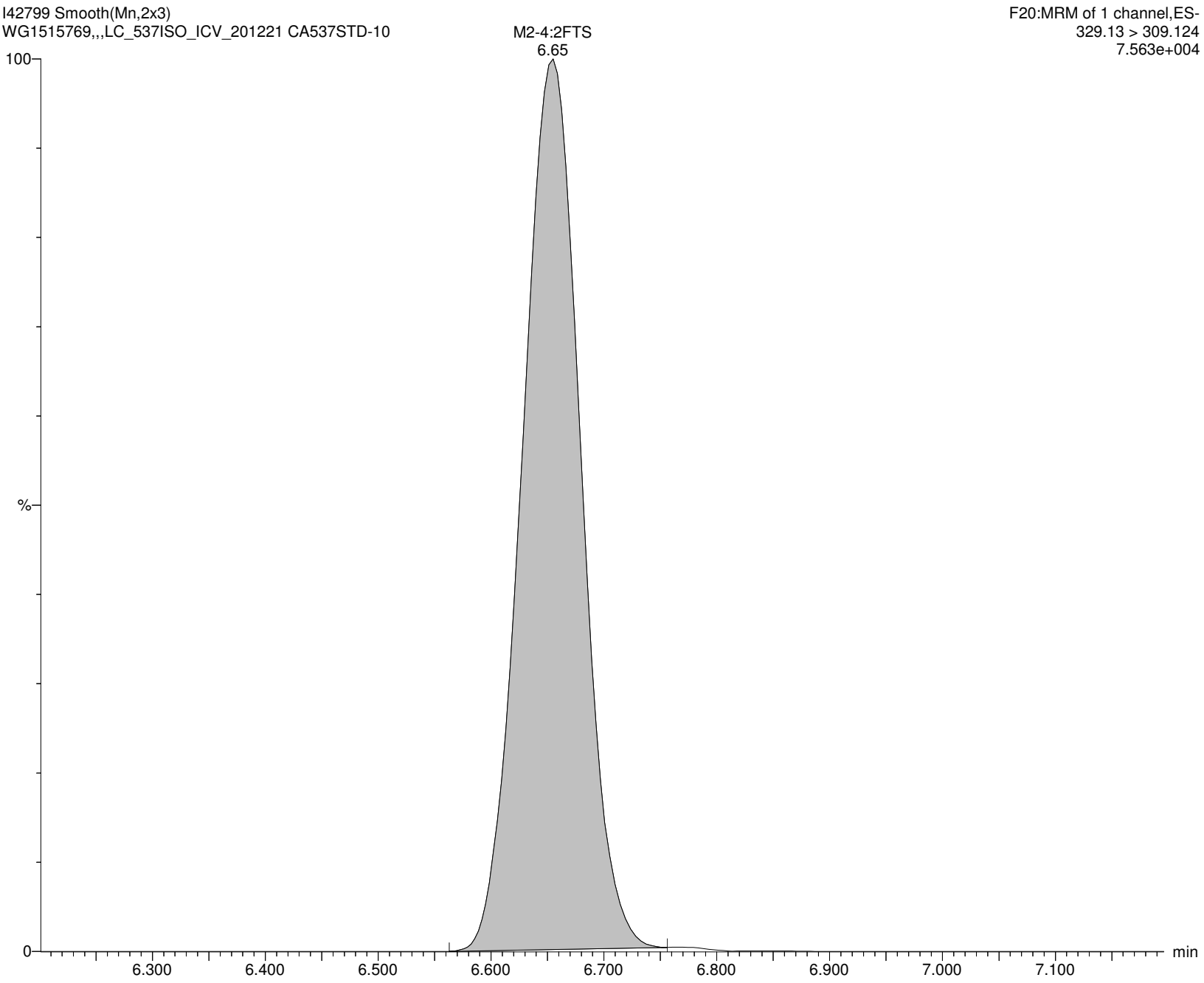


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-4:2FTS

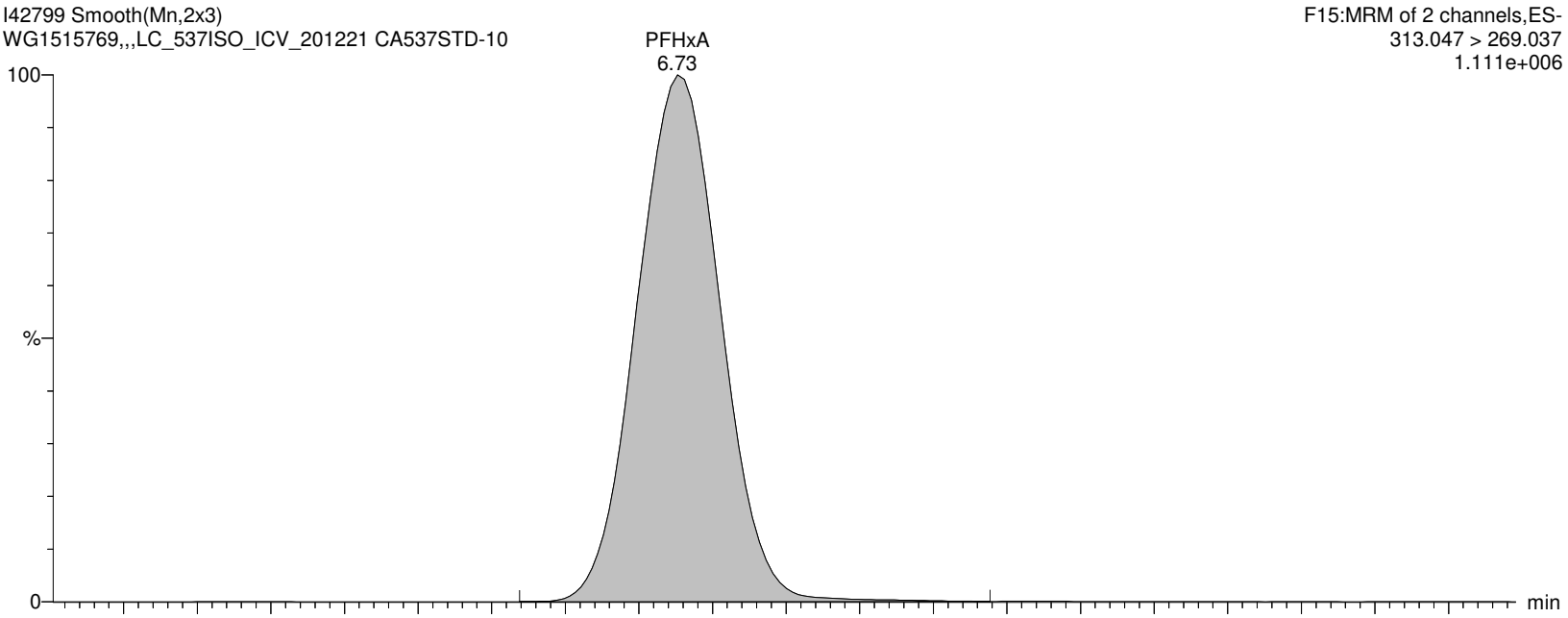


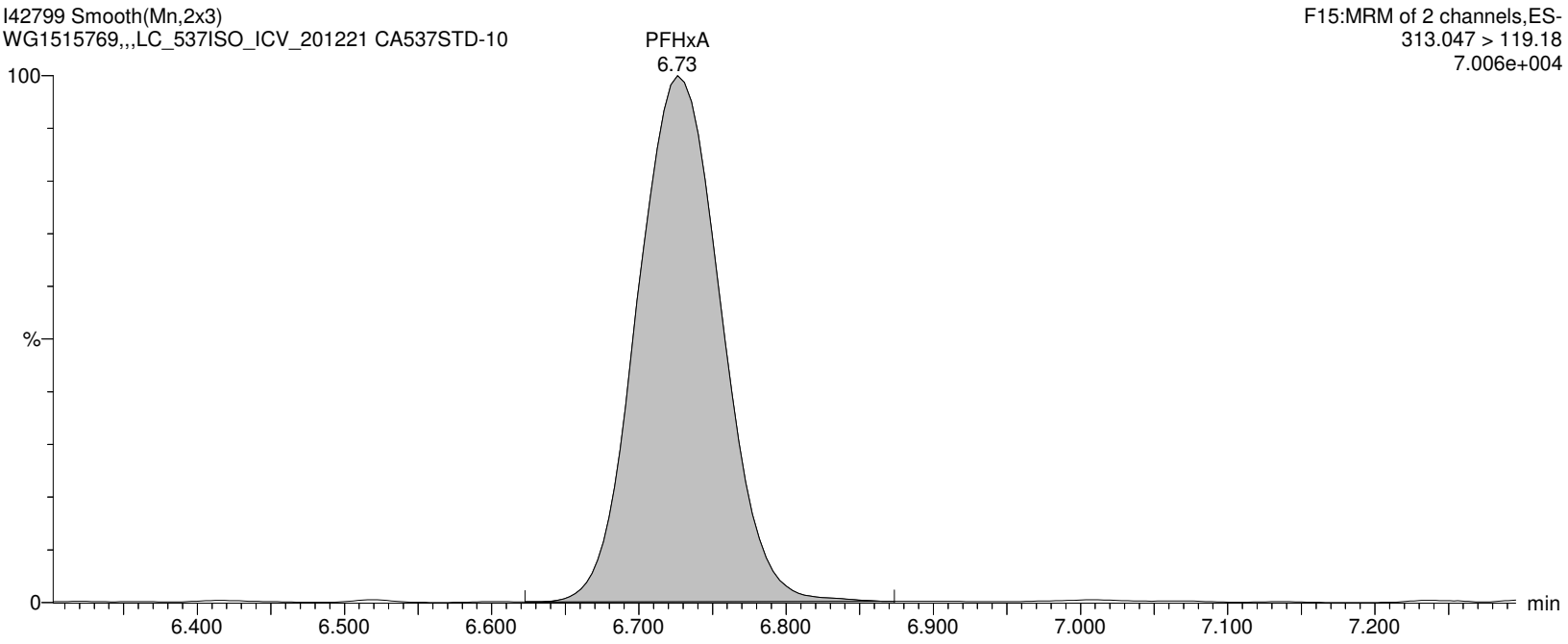
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxA



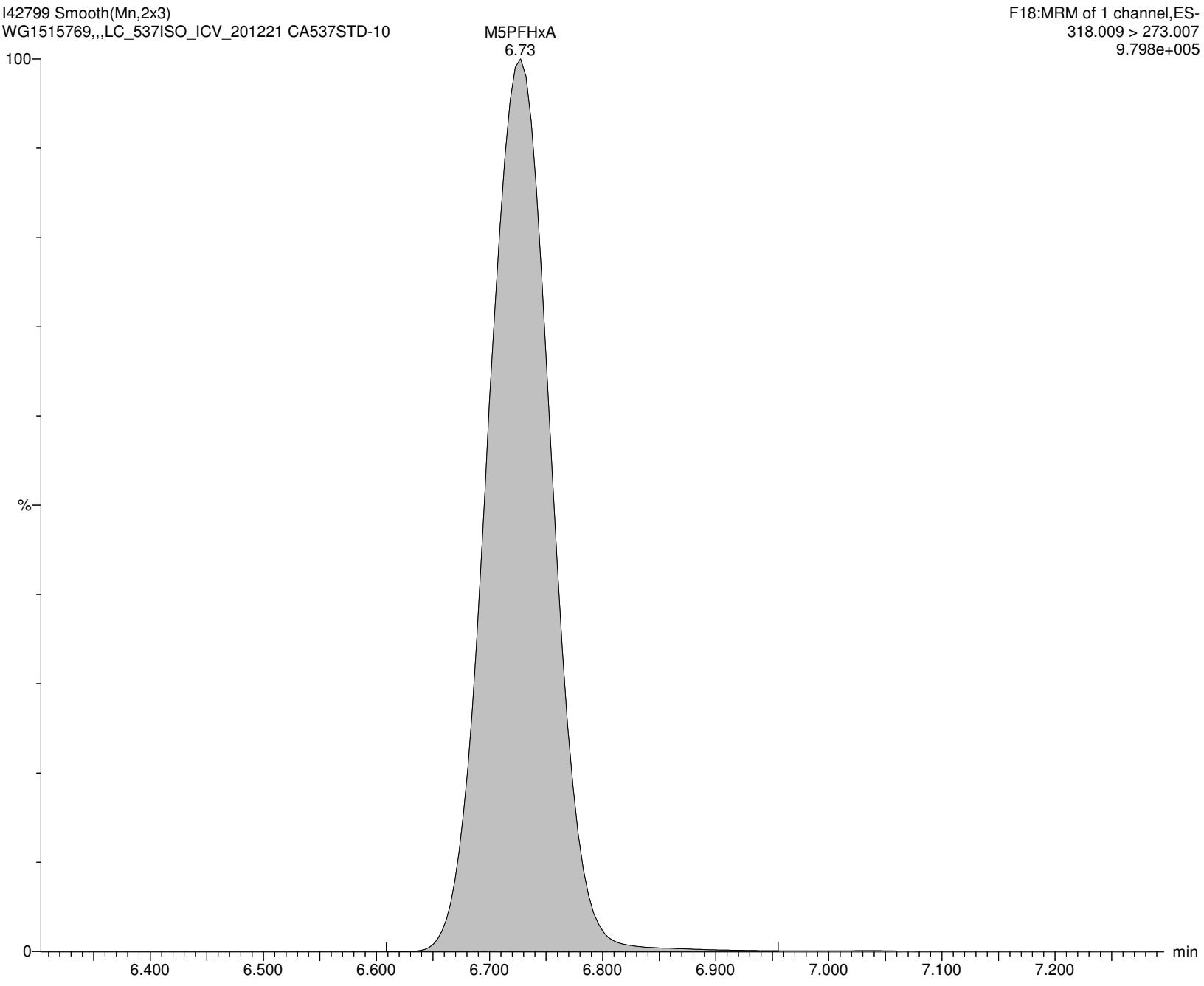


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFHxA

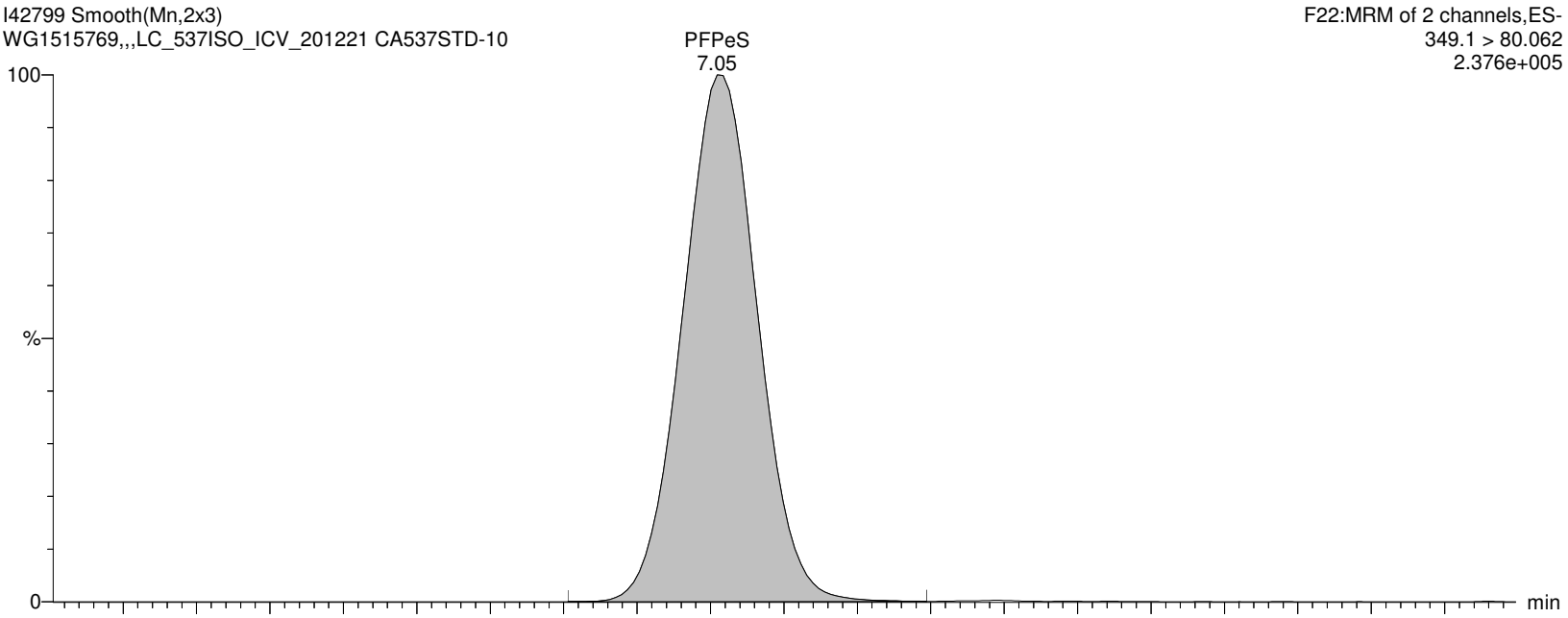


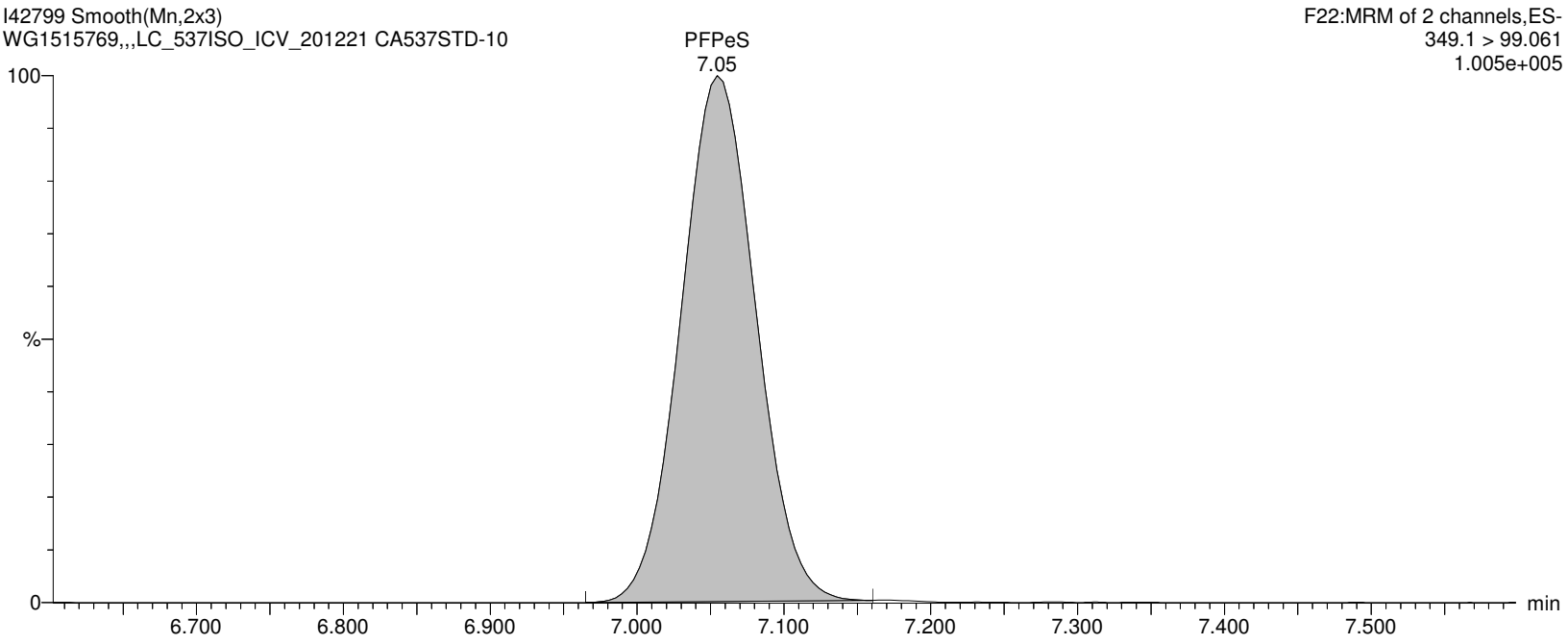
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeS



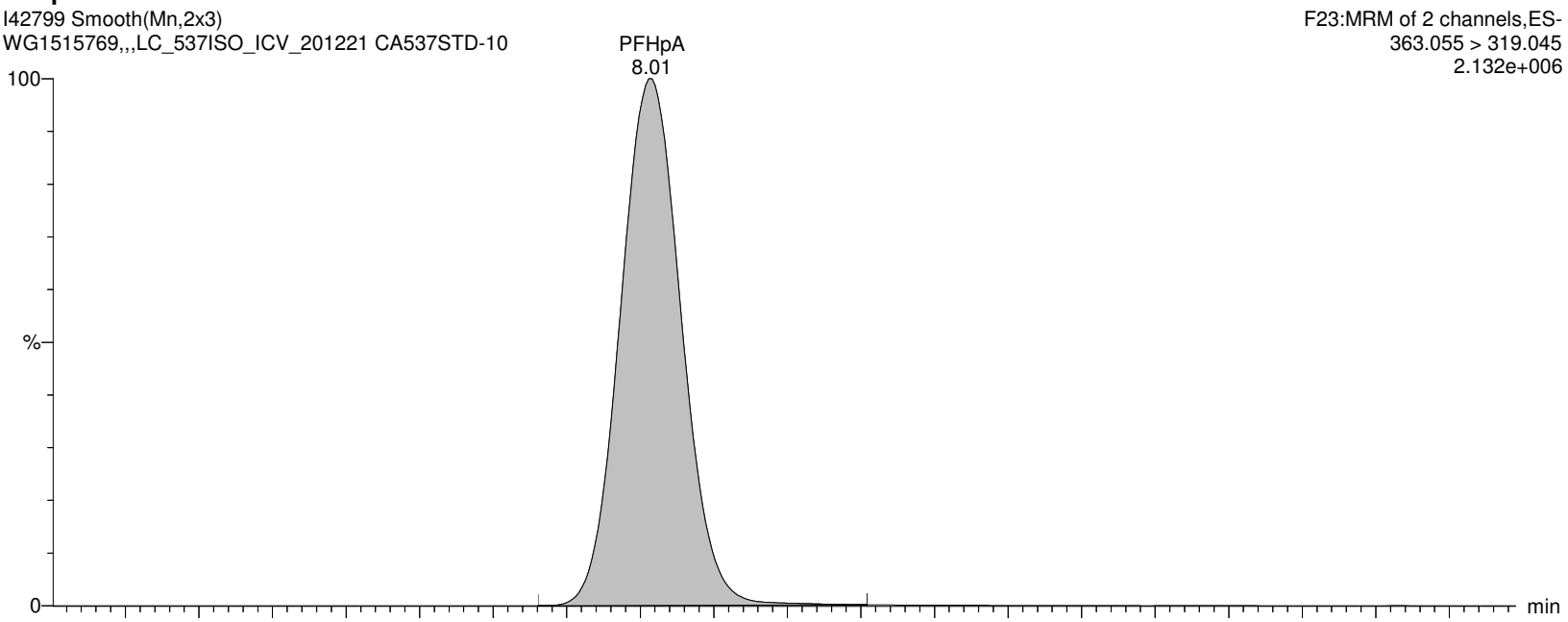


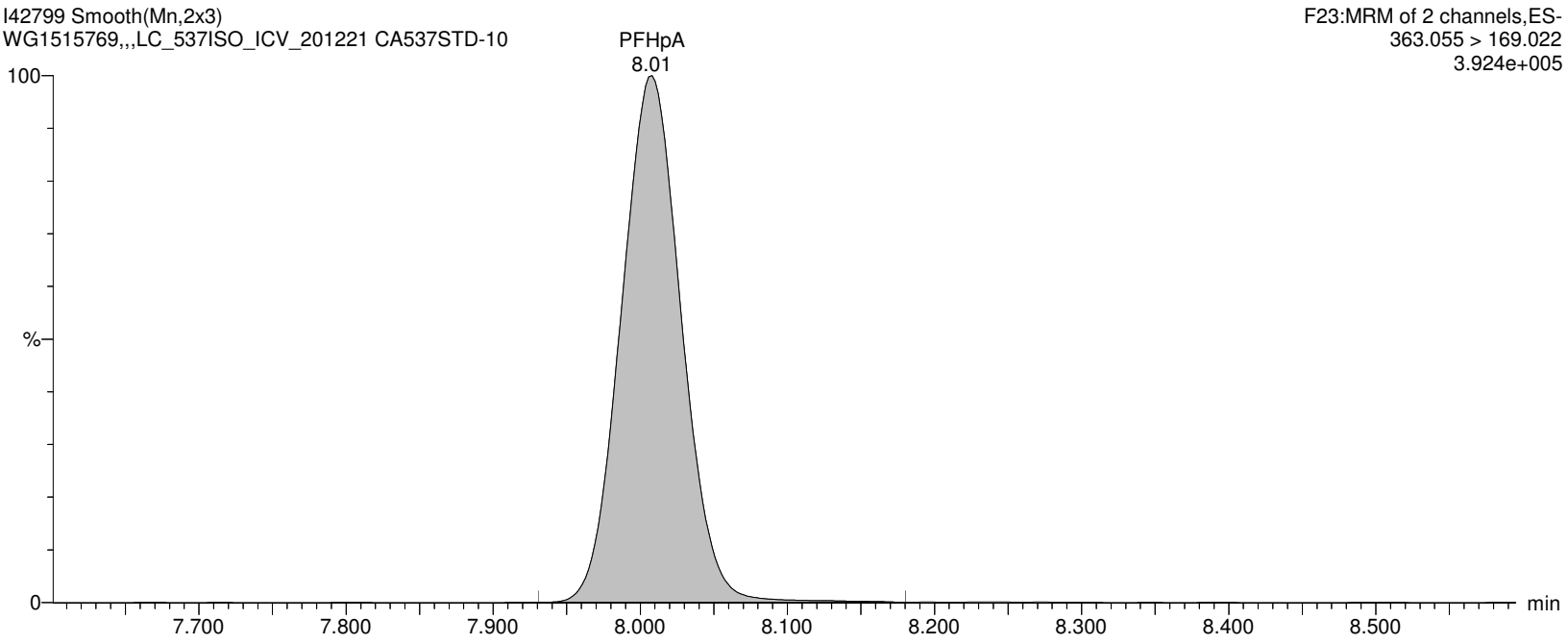
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpA



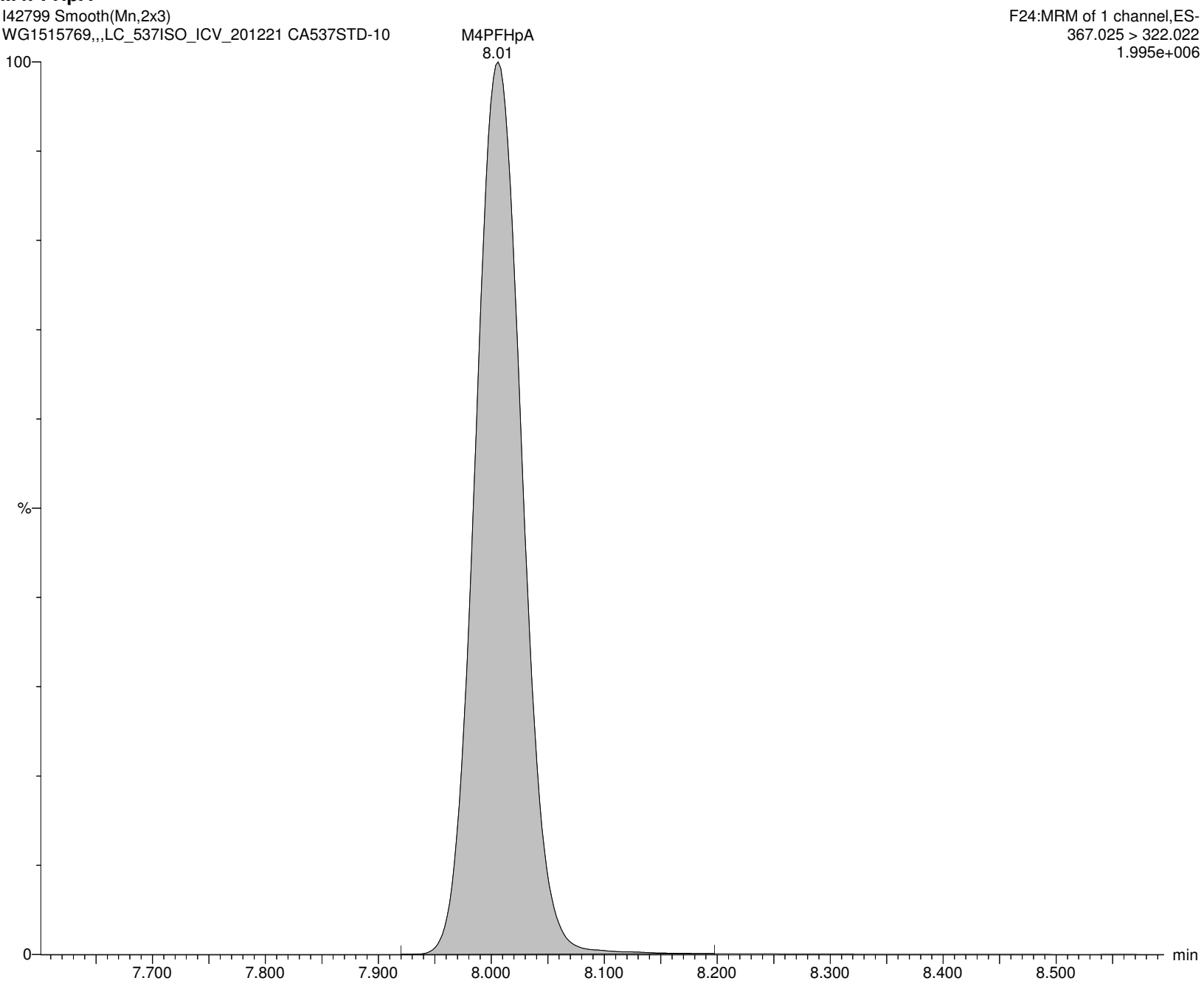


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFHpA

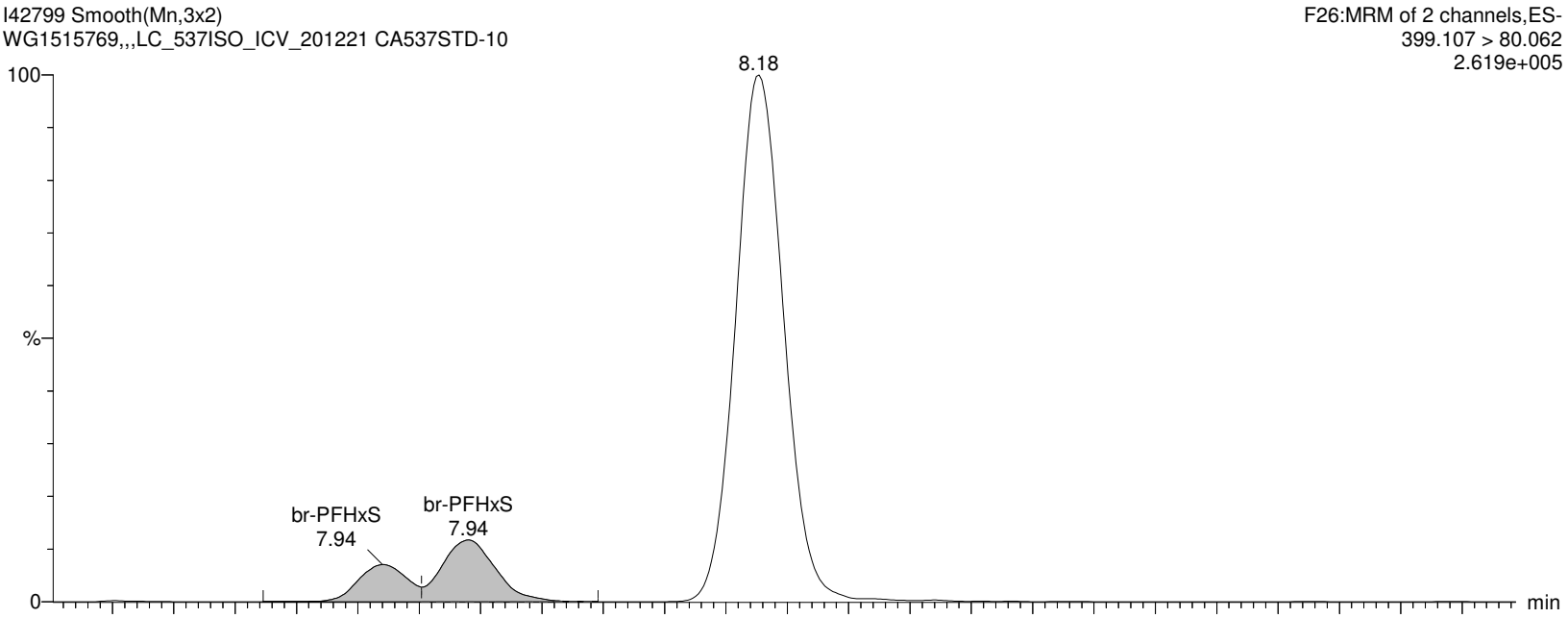


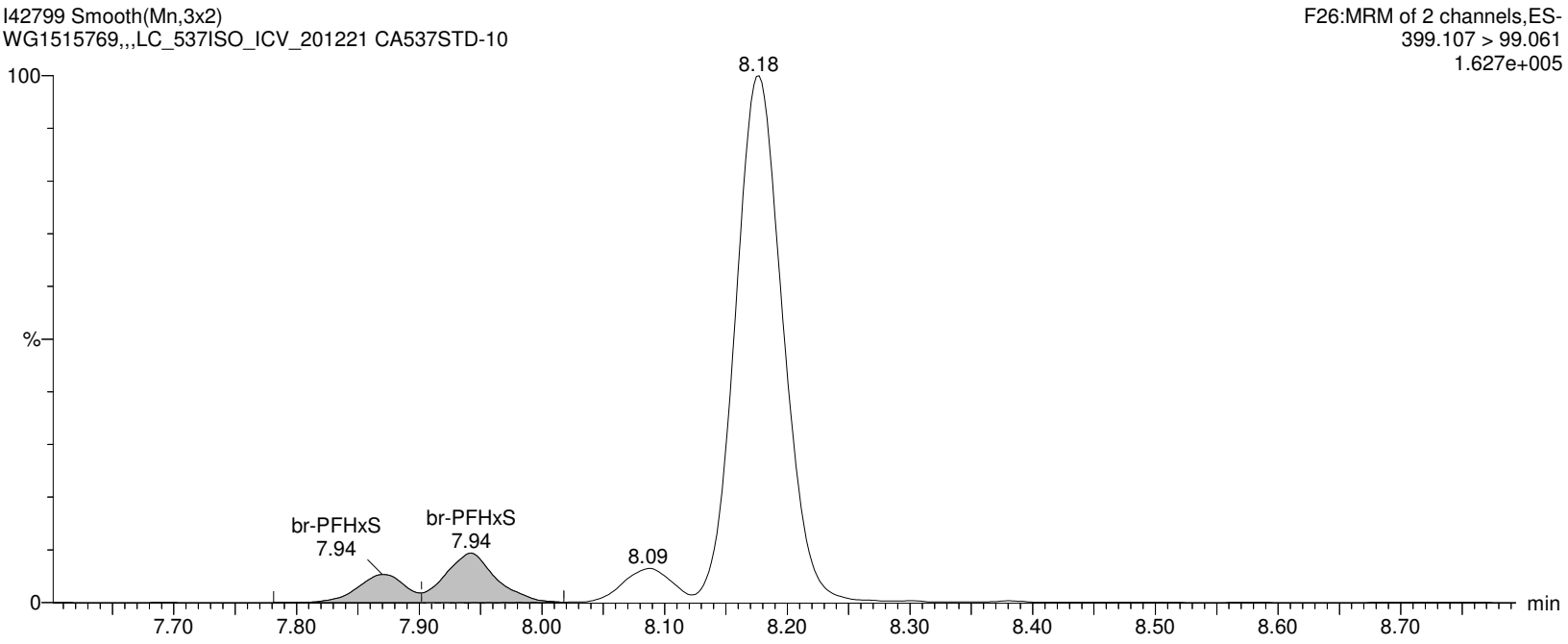
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFHxS



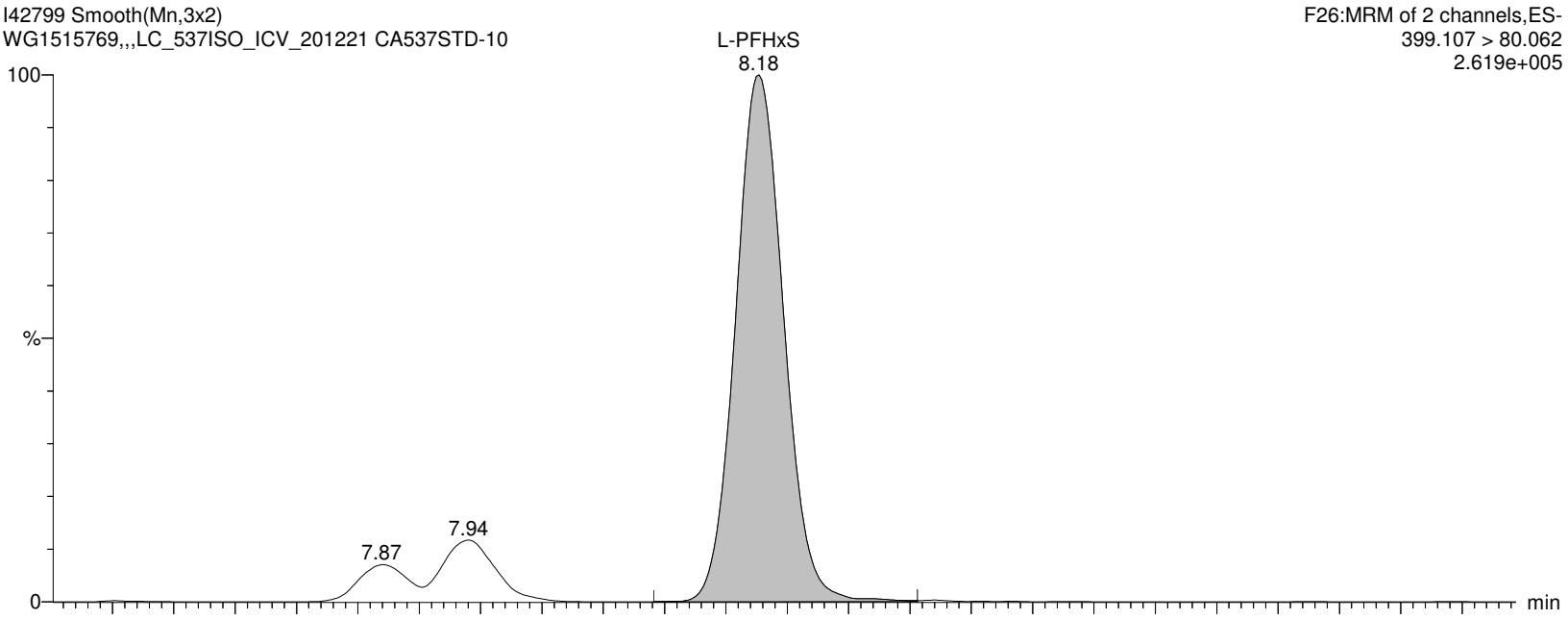


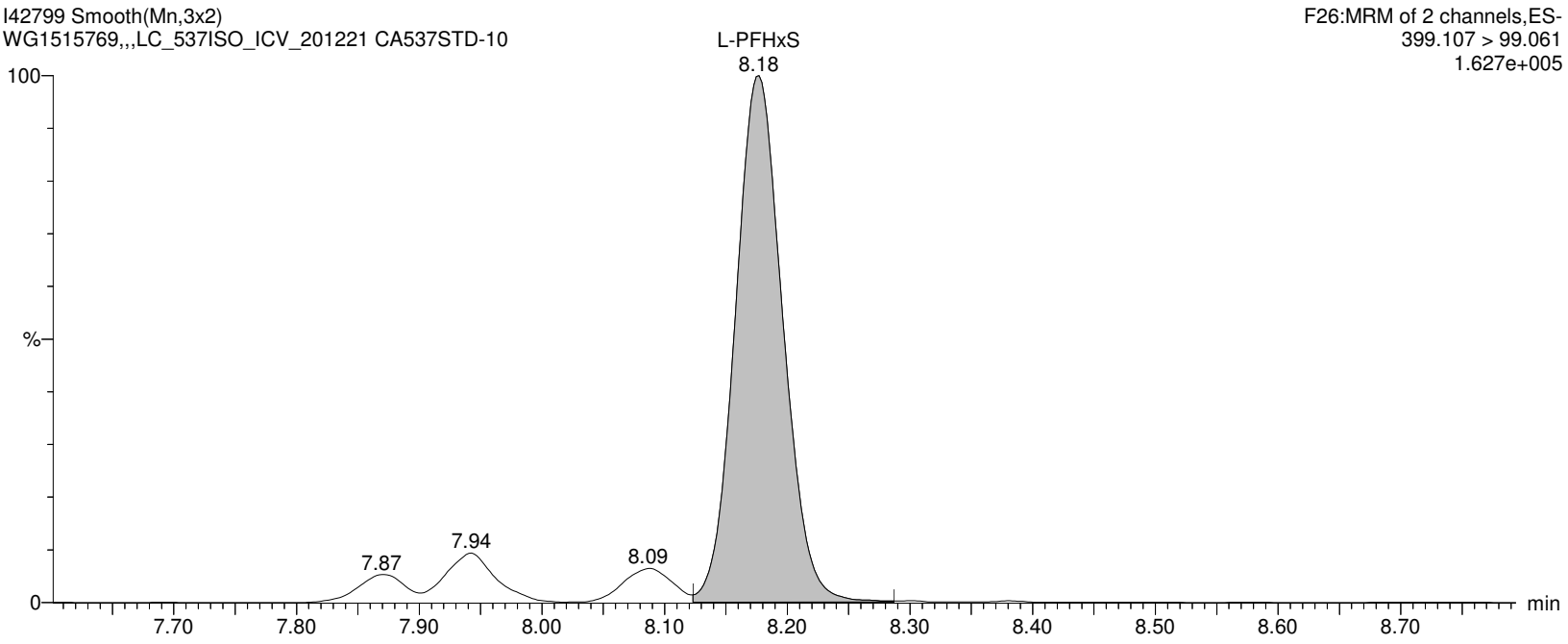
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFHxS



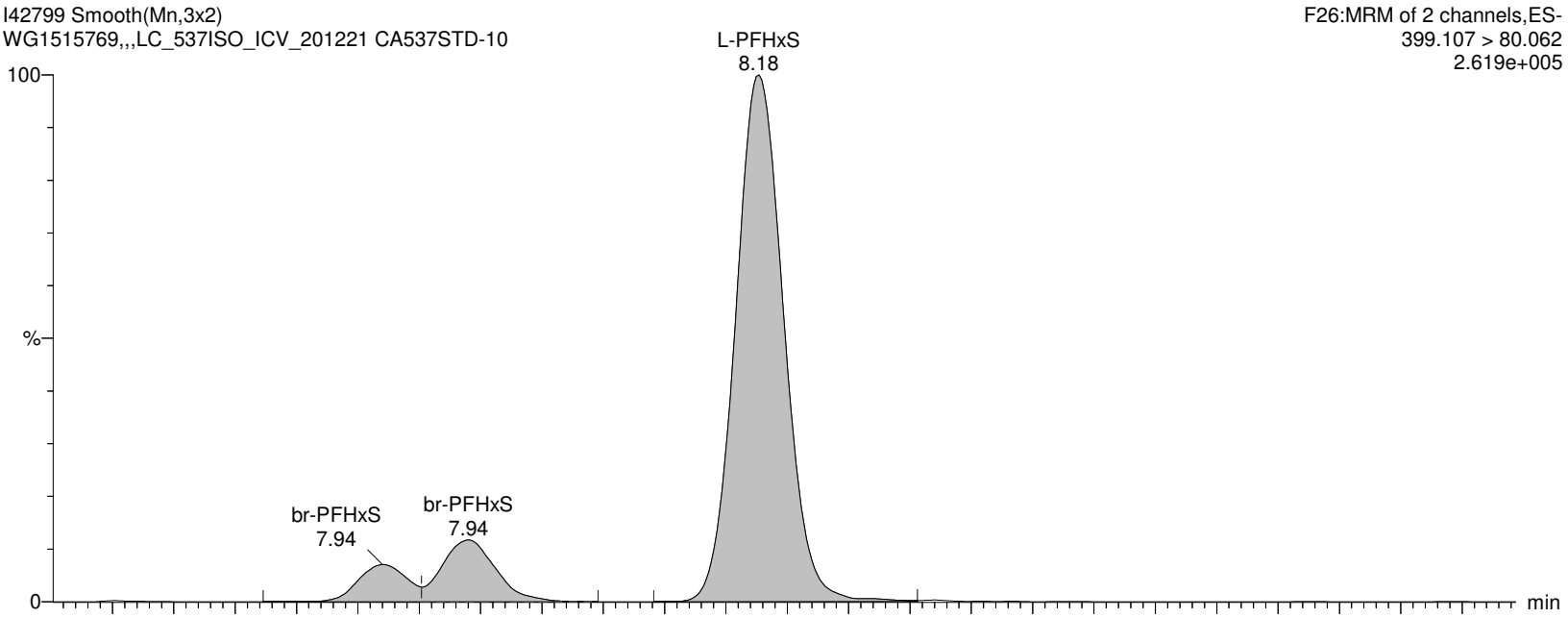


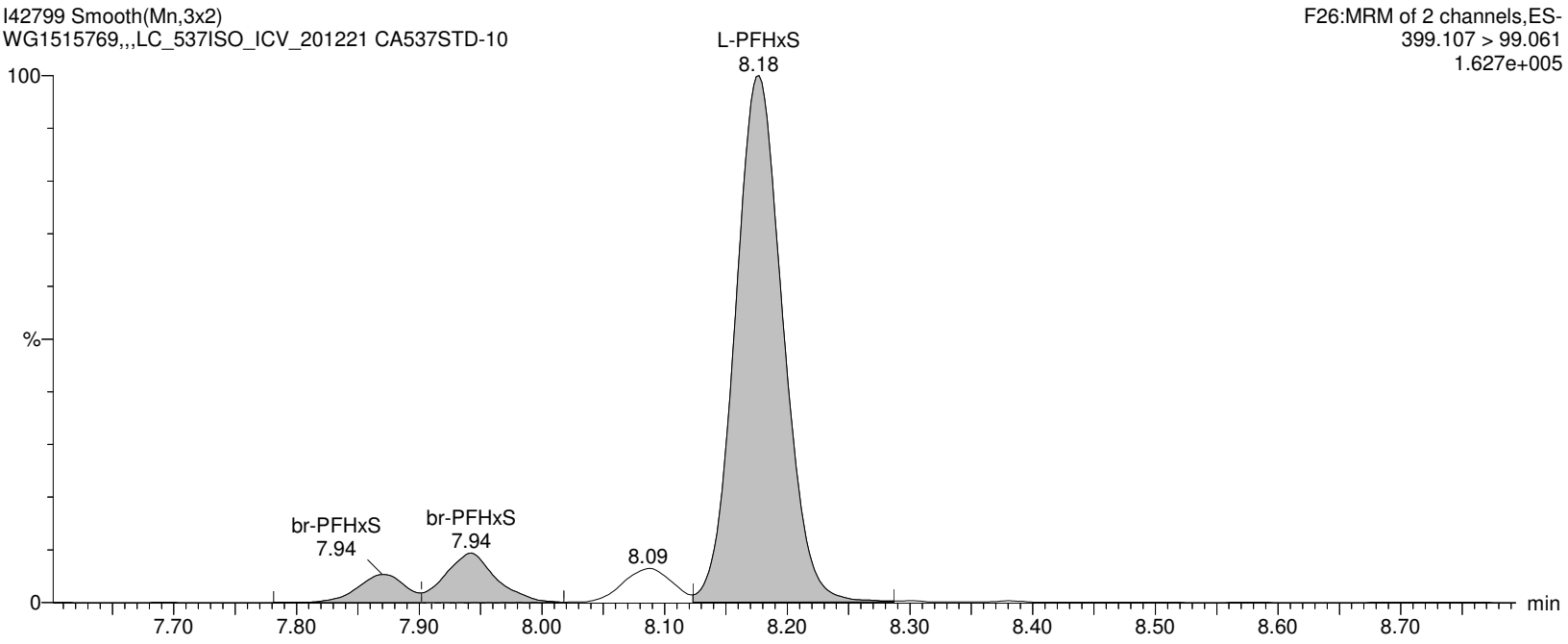
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxS



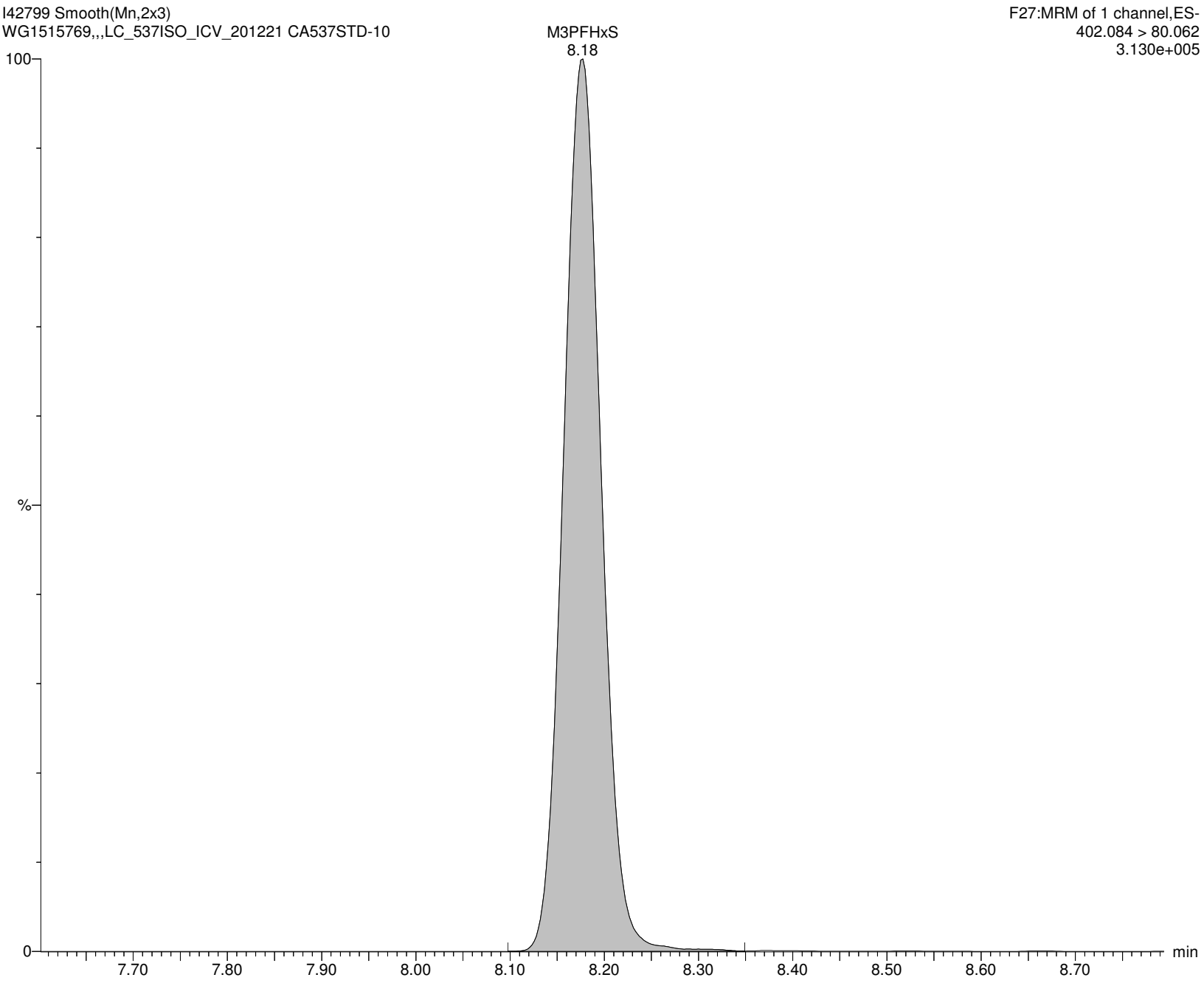


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFHxS

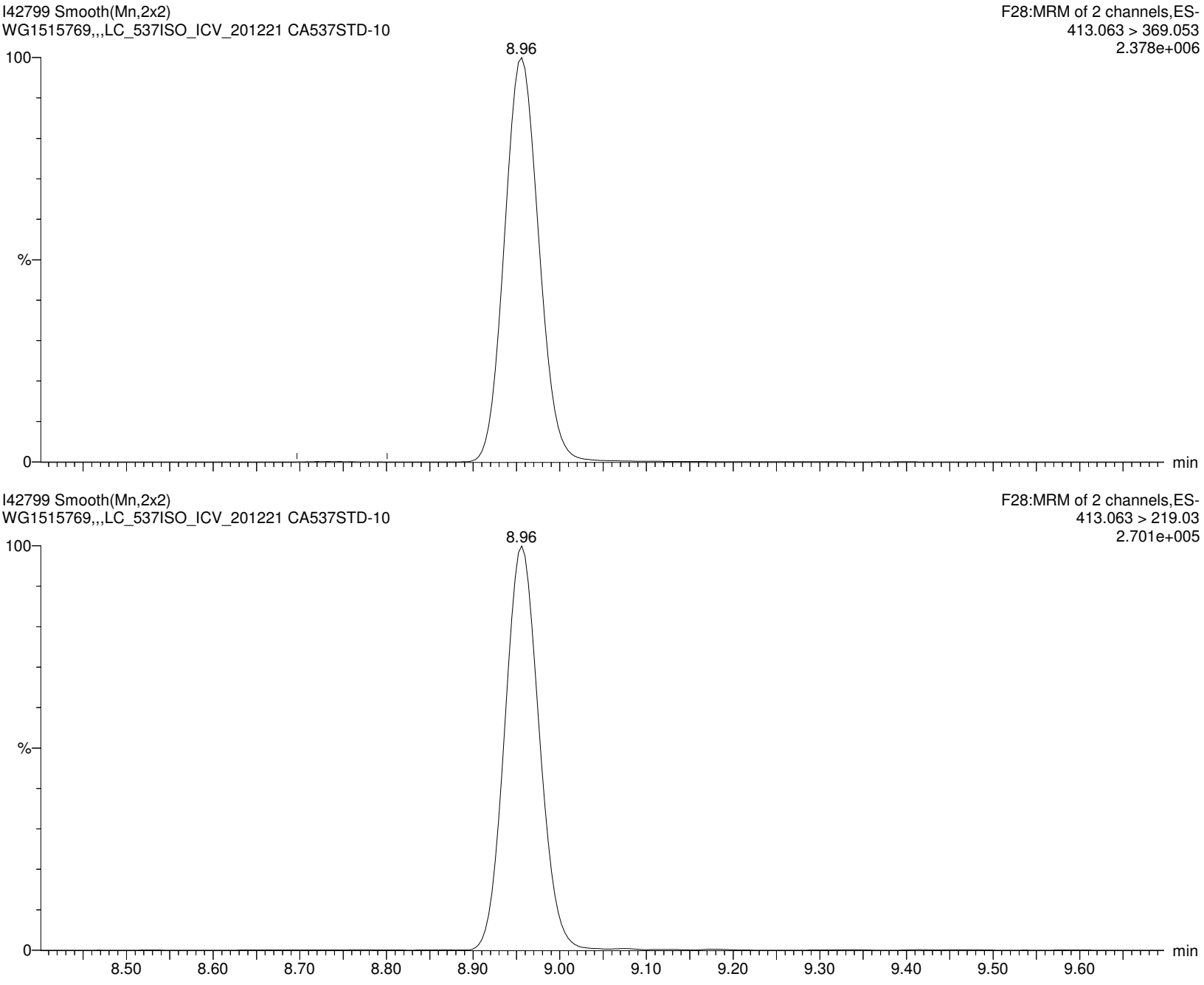


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOA

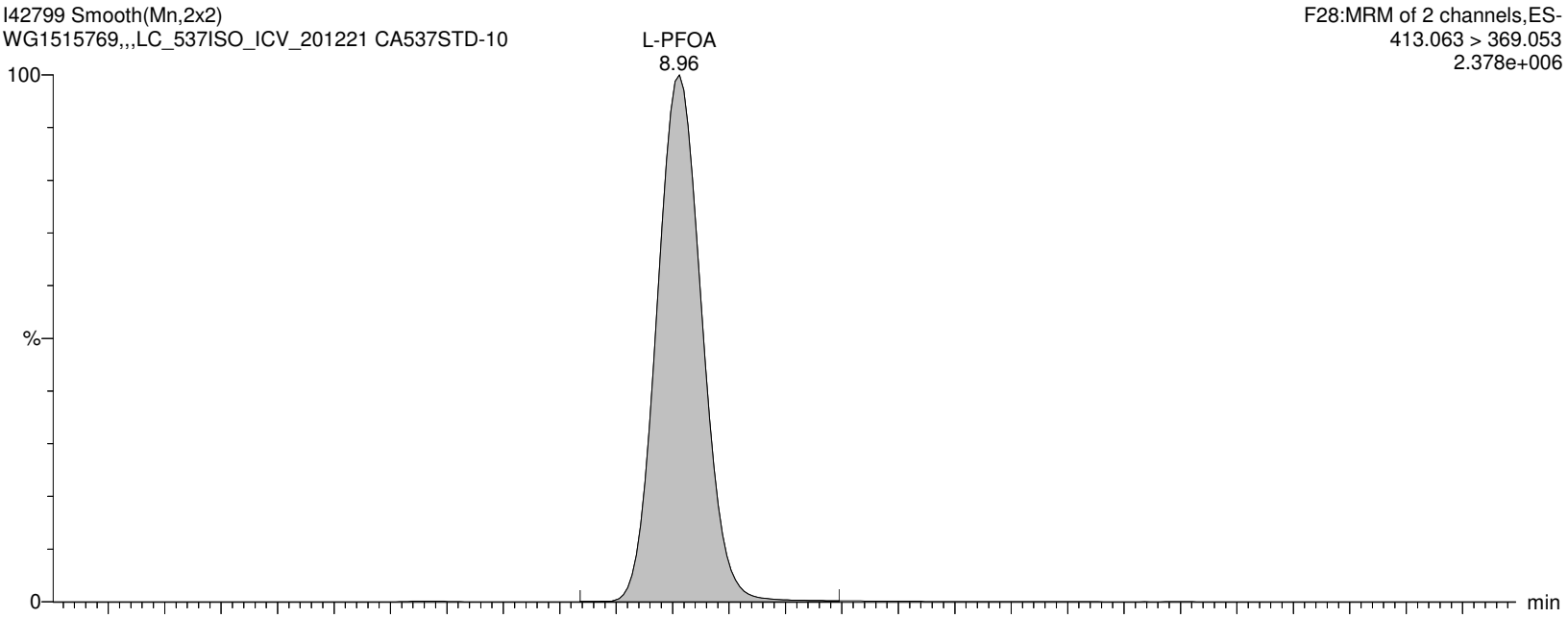


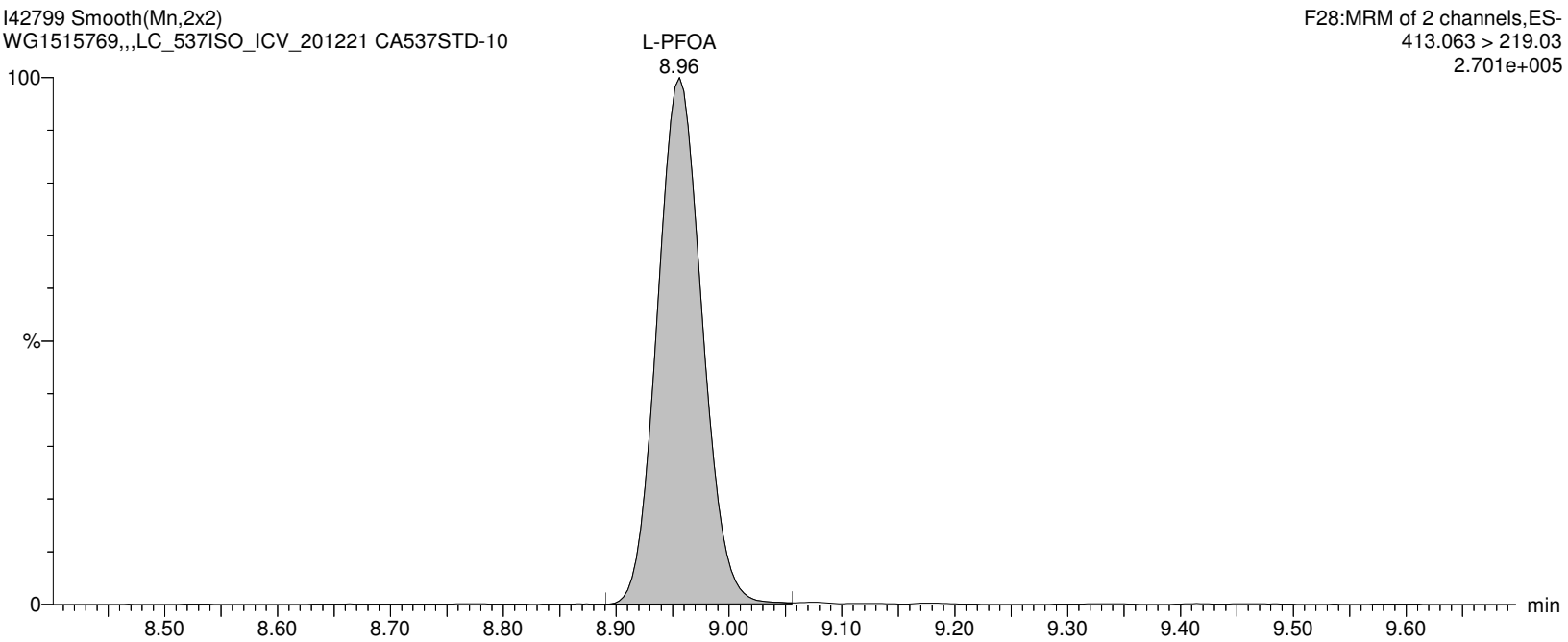
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOA



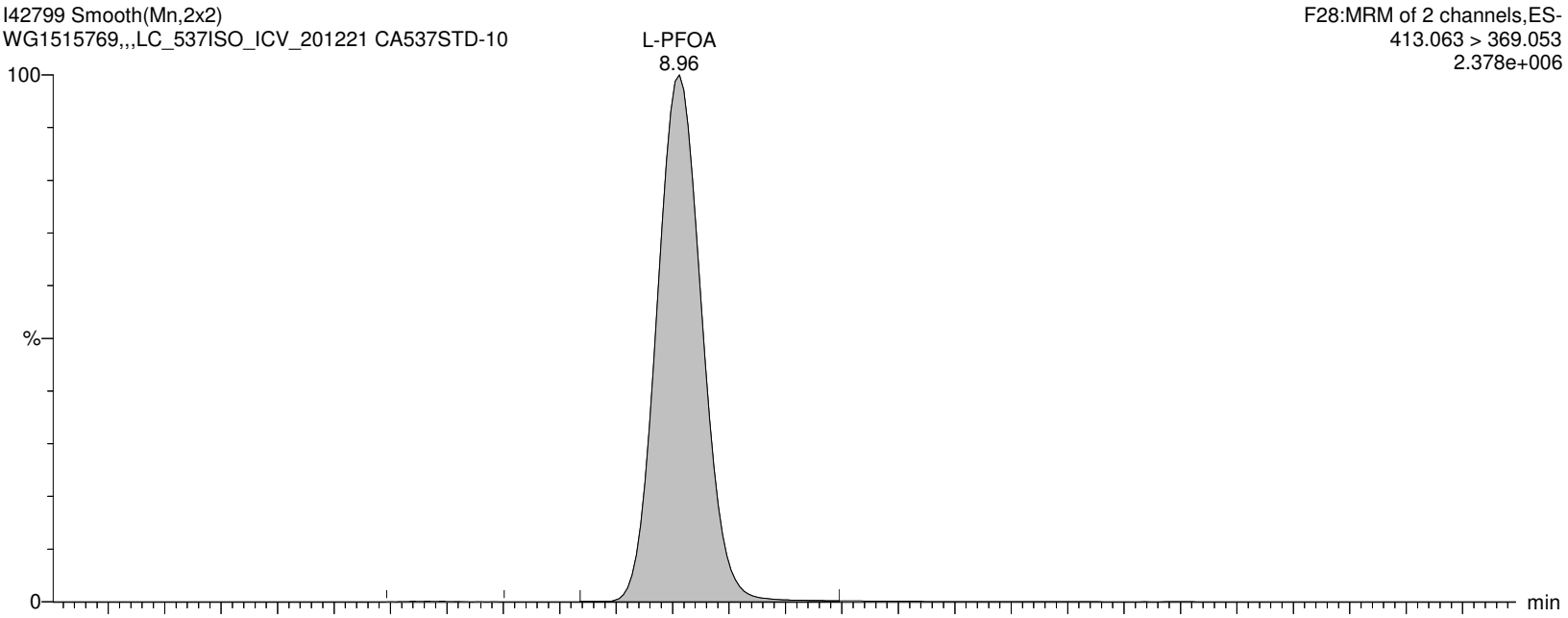


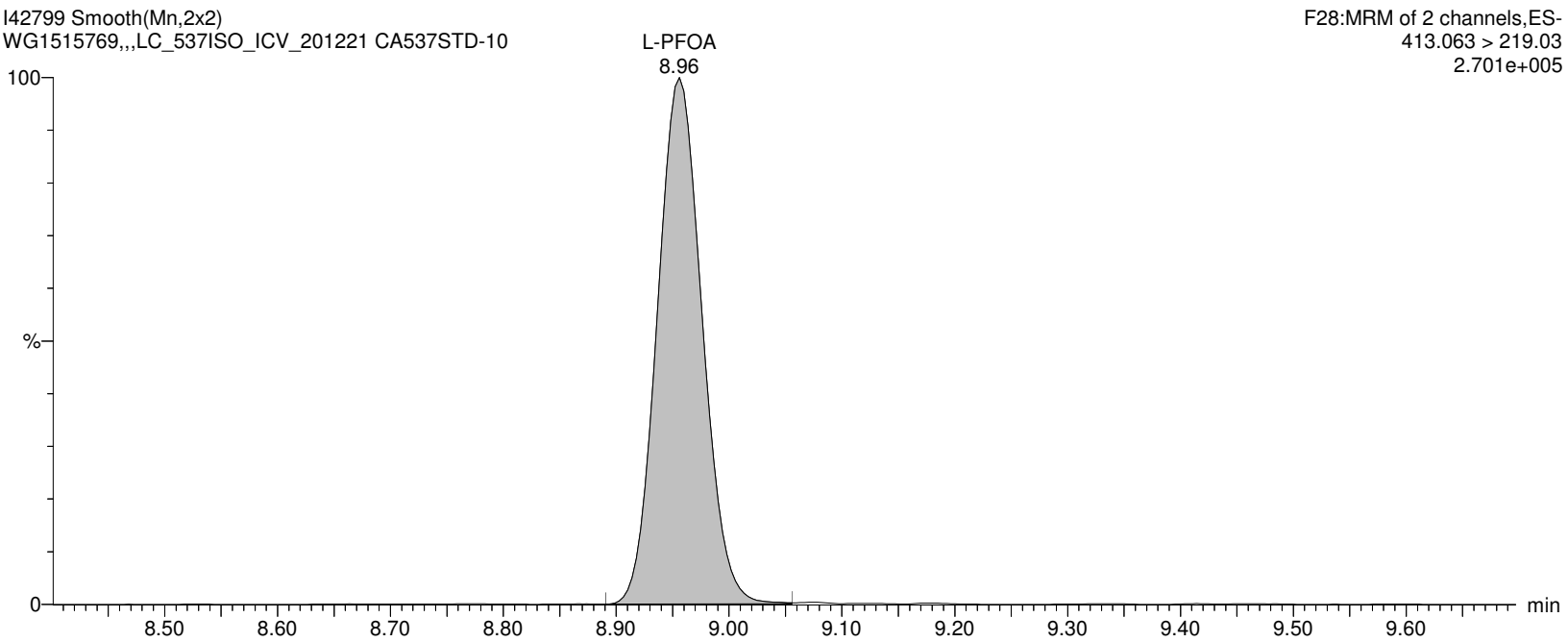
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOA



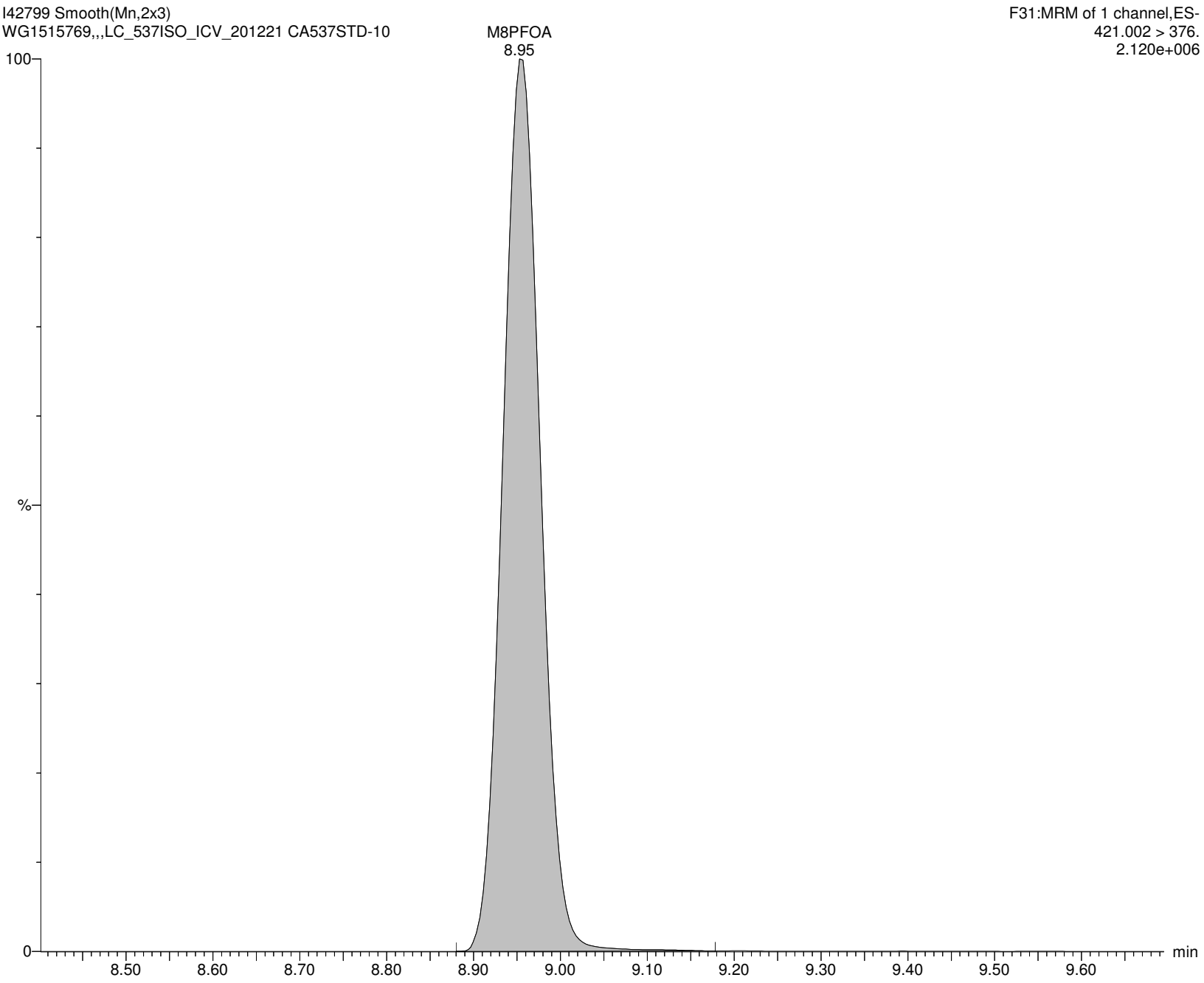


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOA

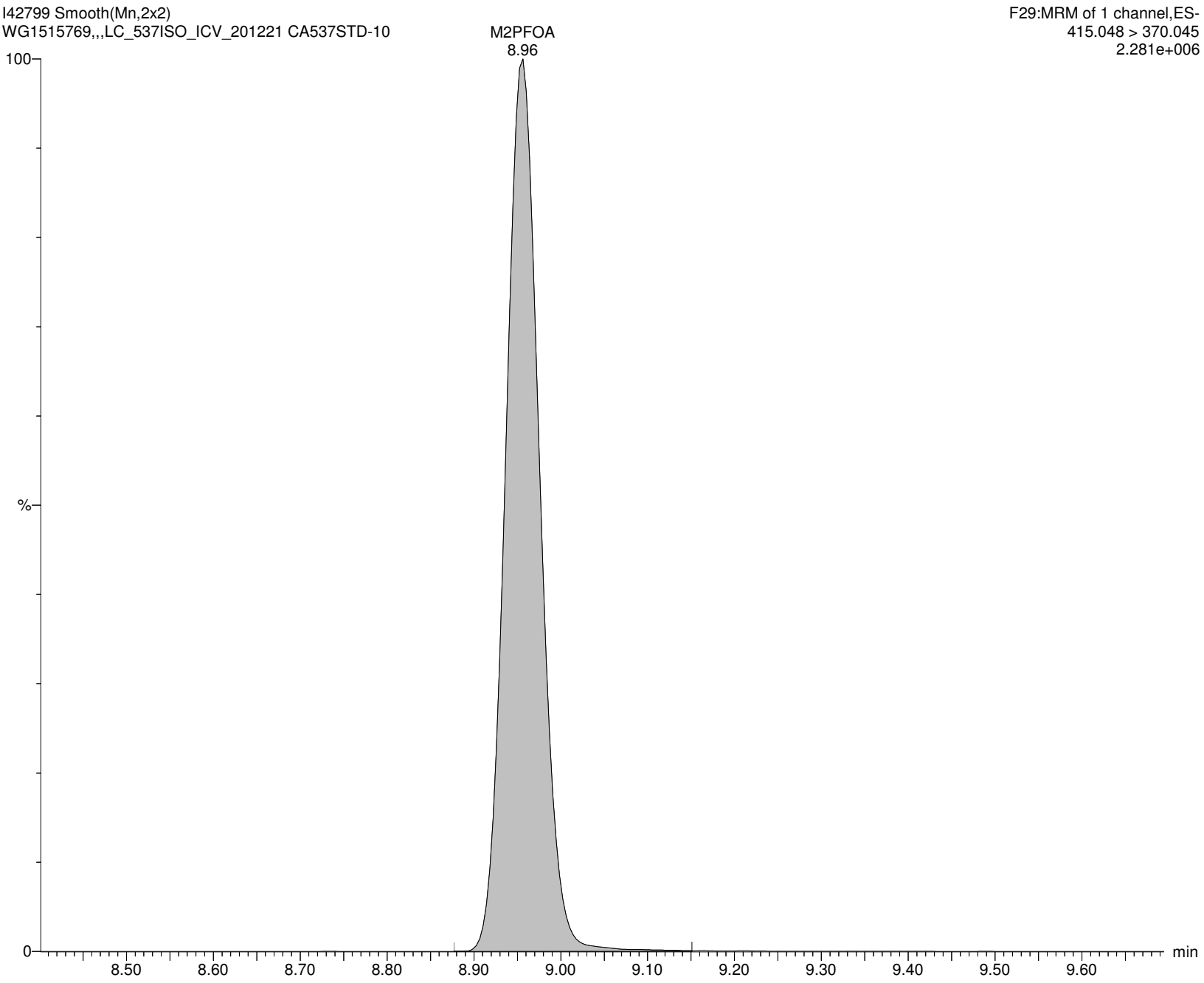


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFOA

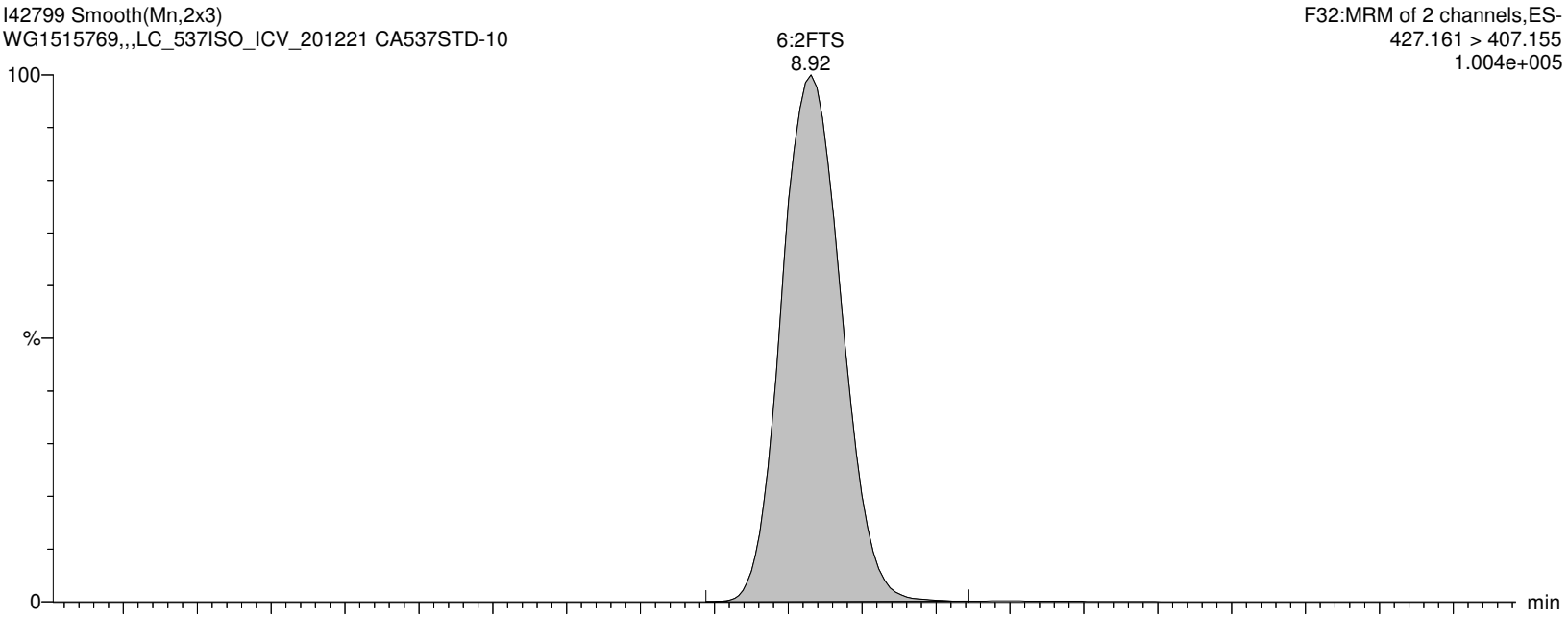


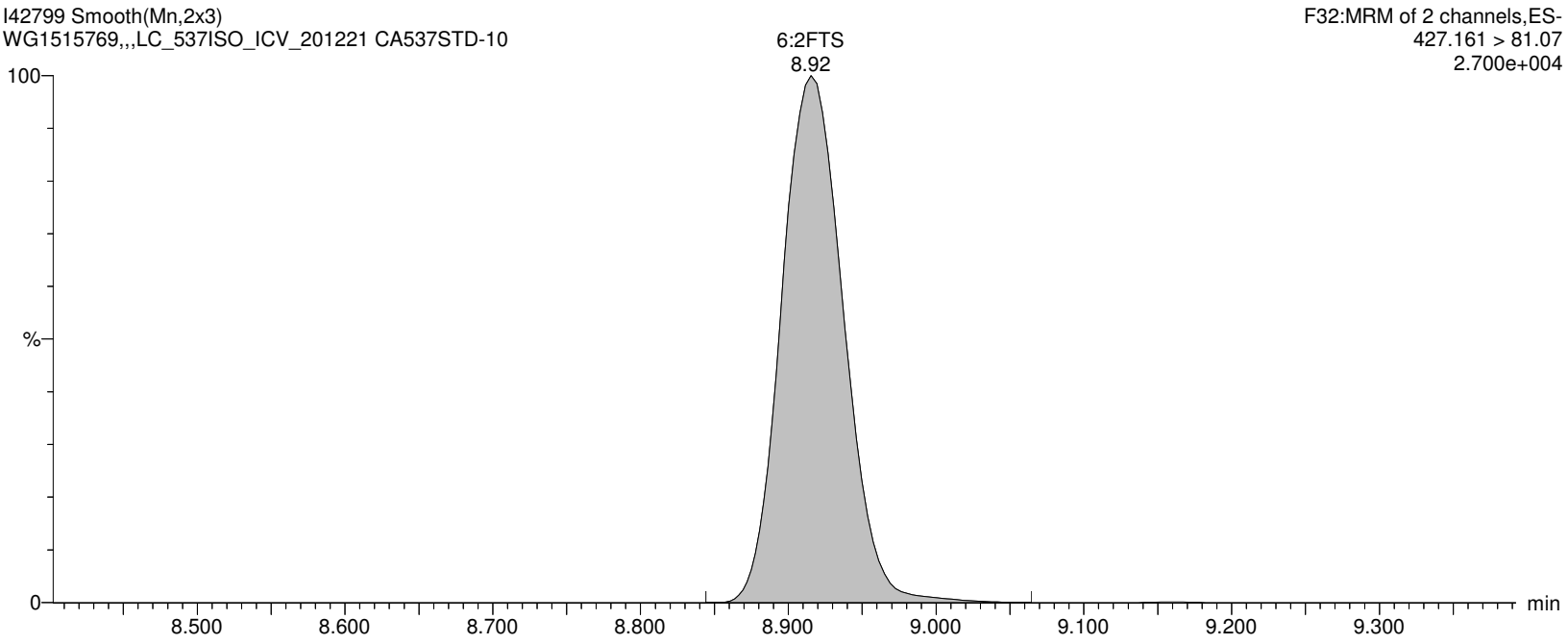
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

6:2FTS



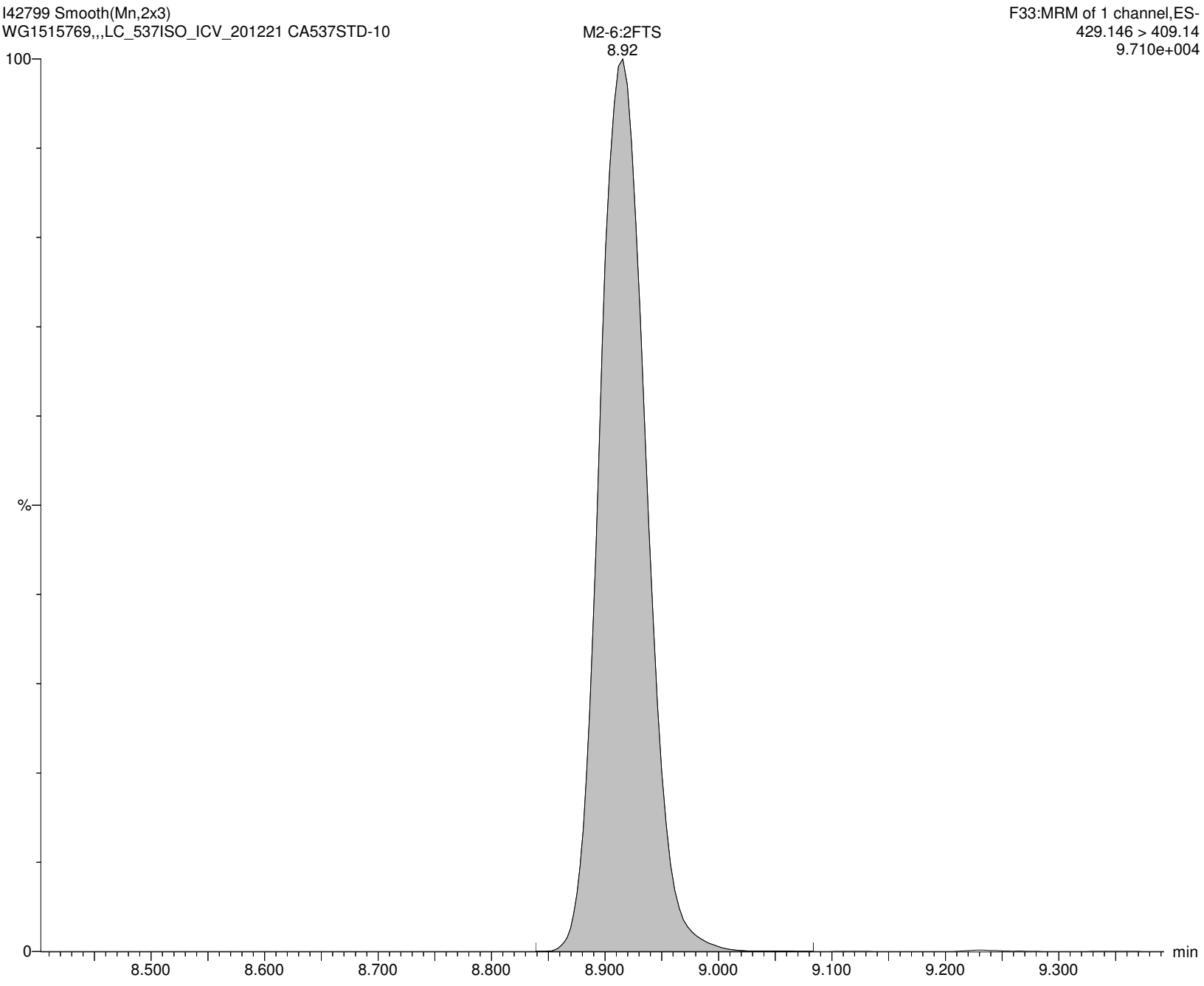


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-6:2FTS

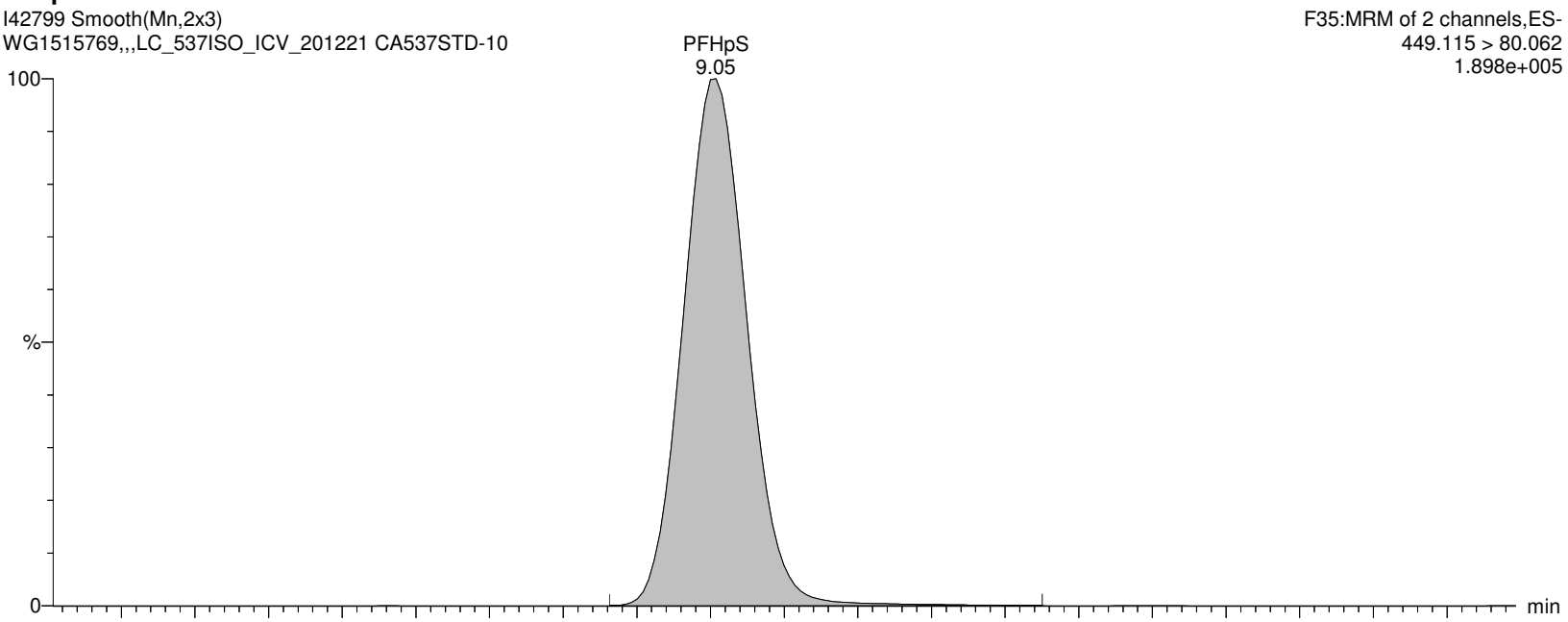


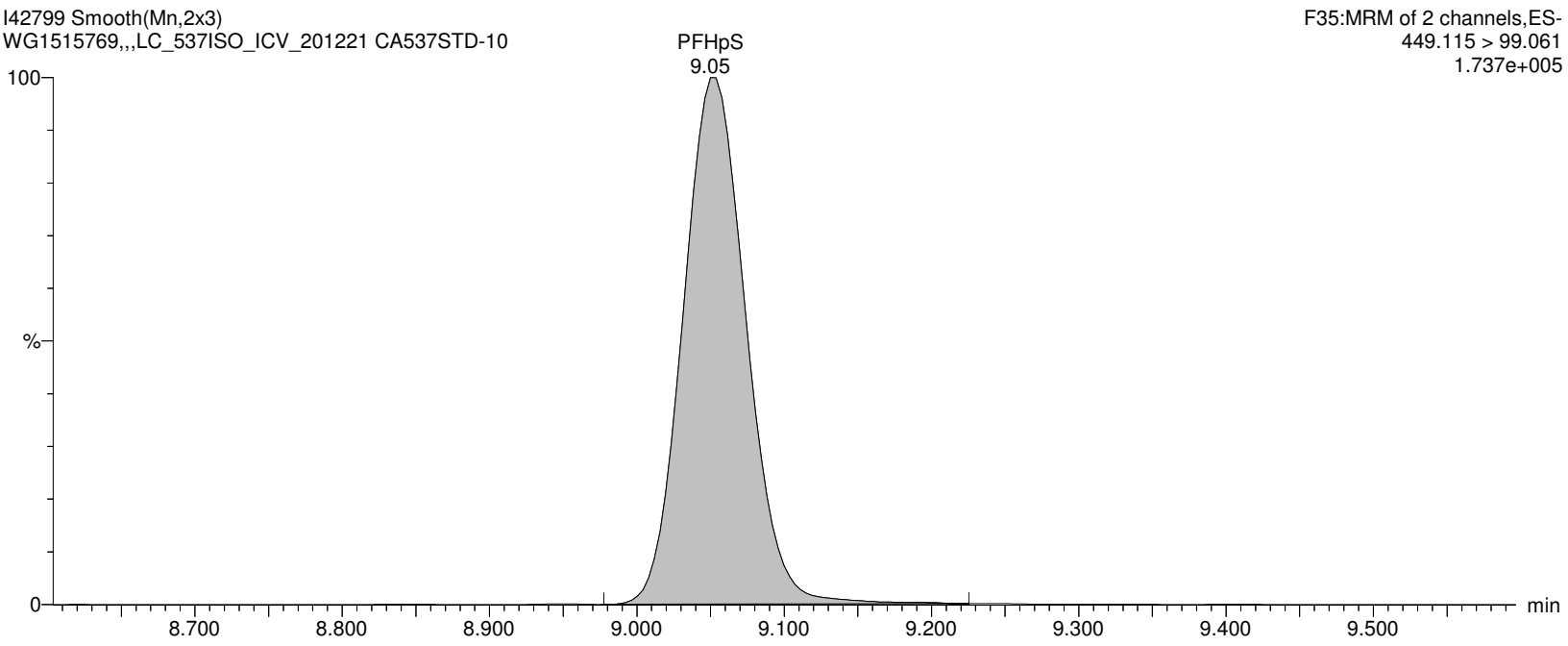
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpS



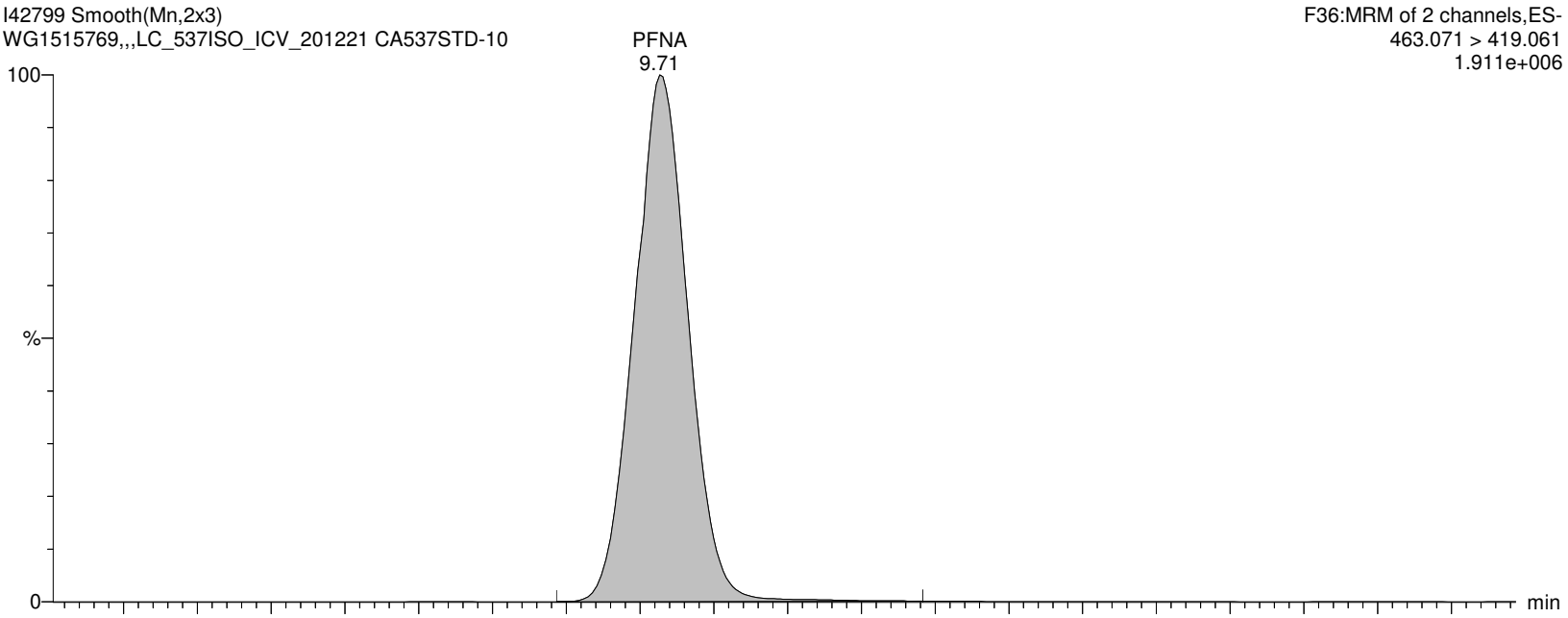


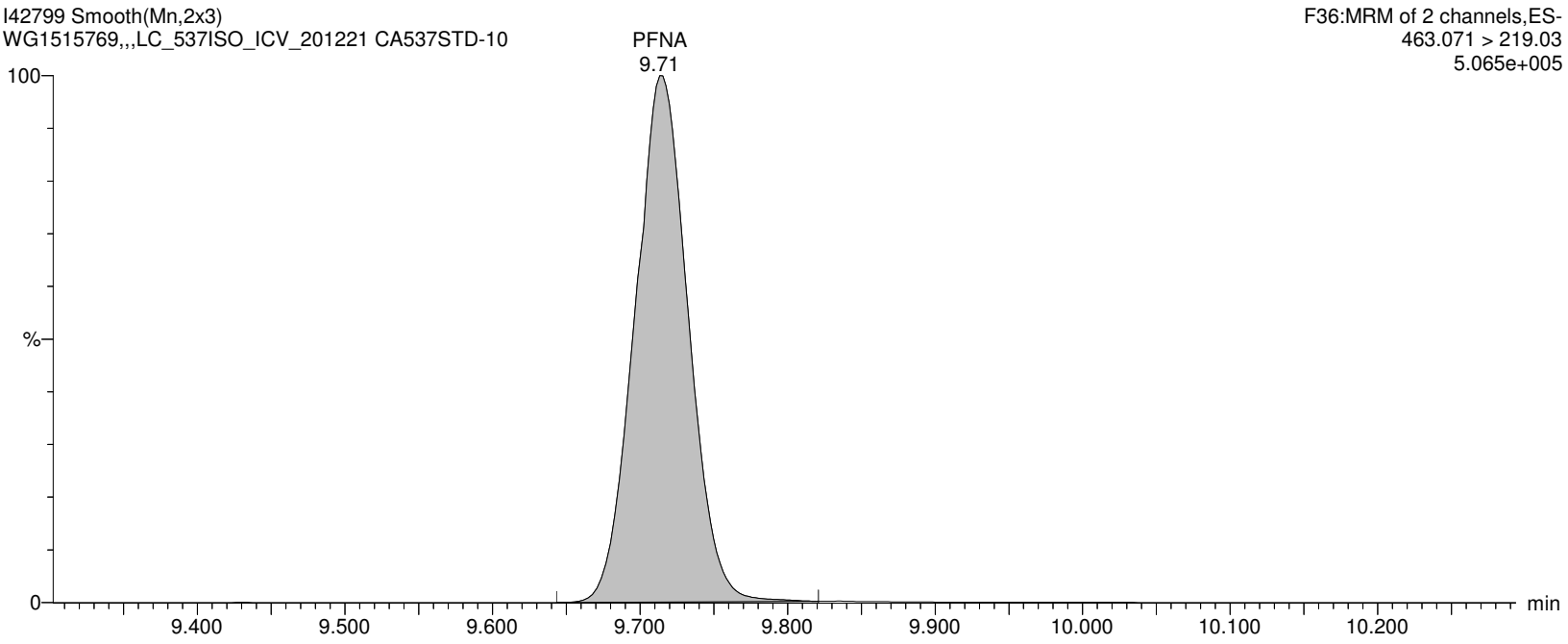
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNA



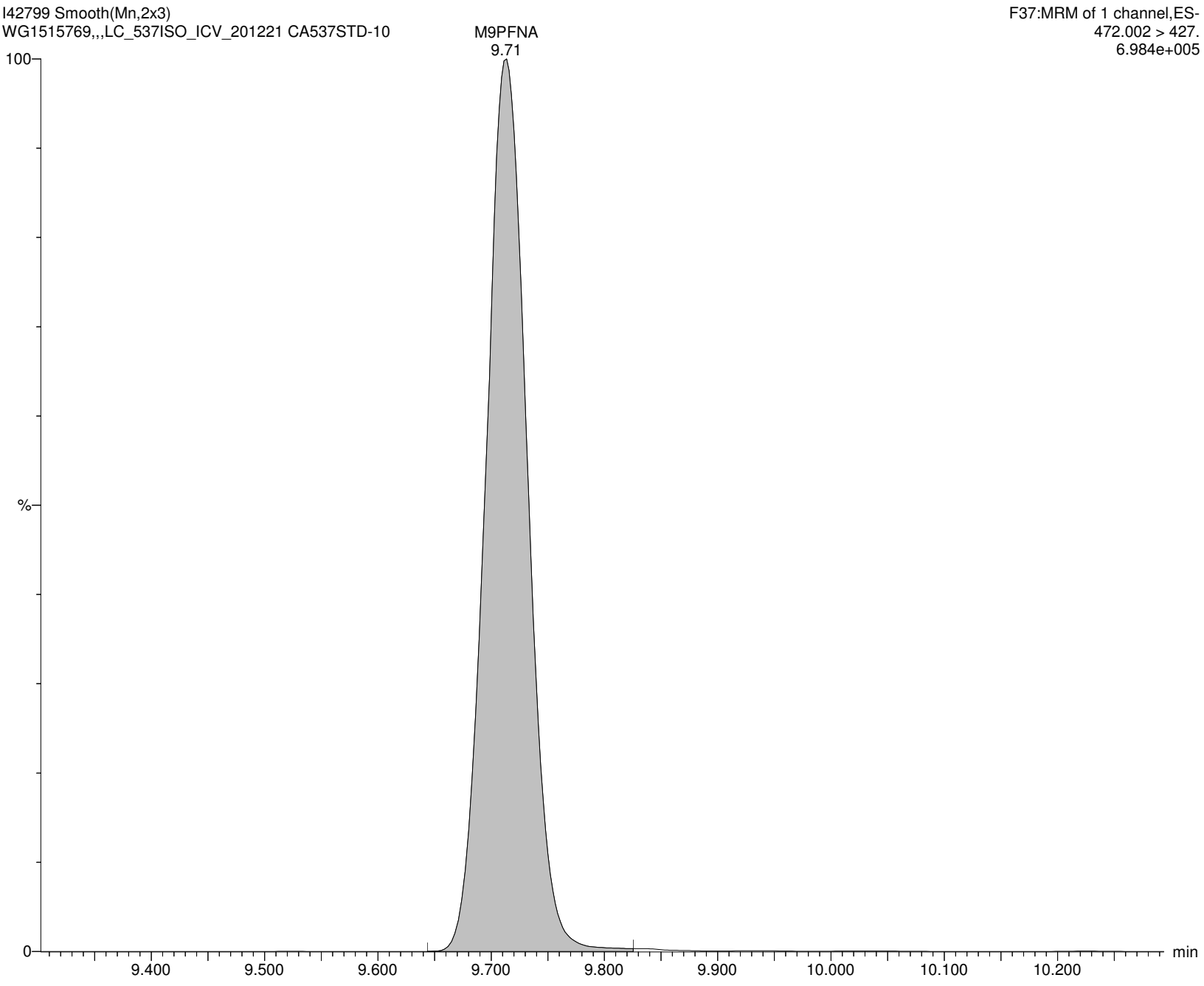


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M9PFNA

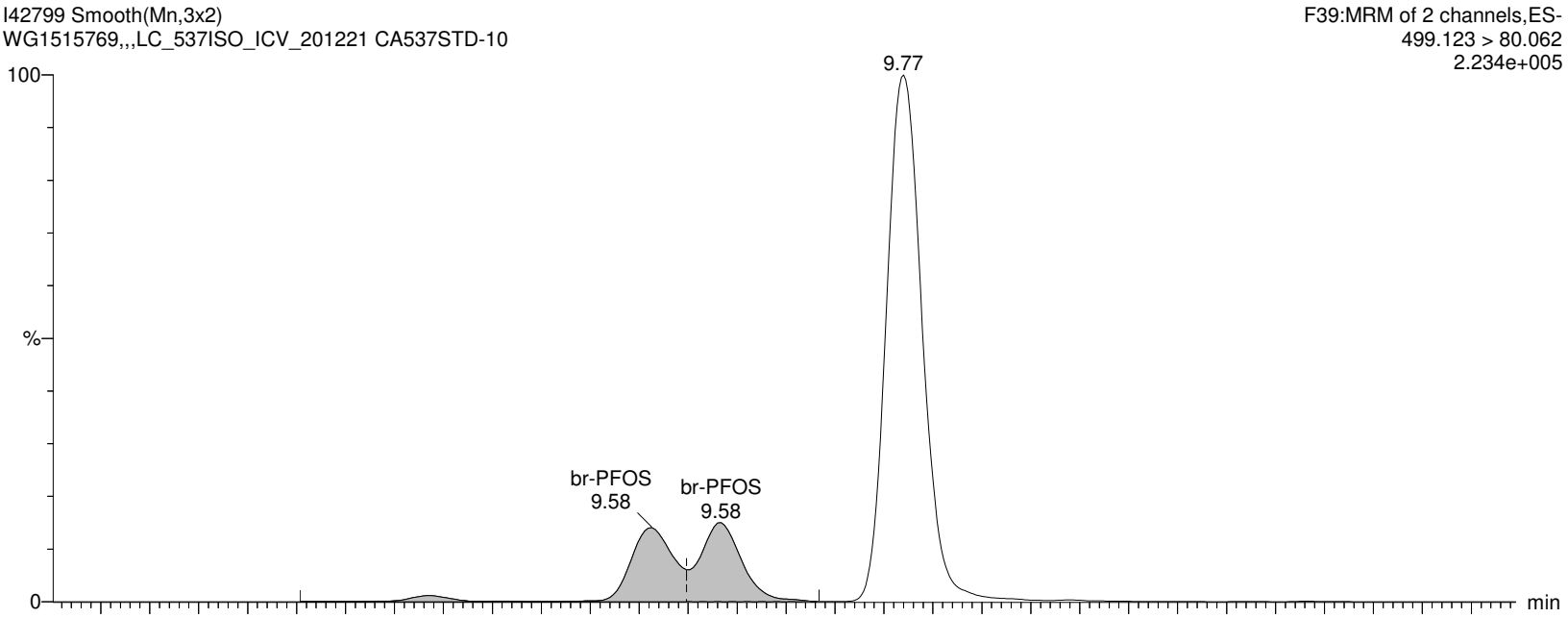


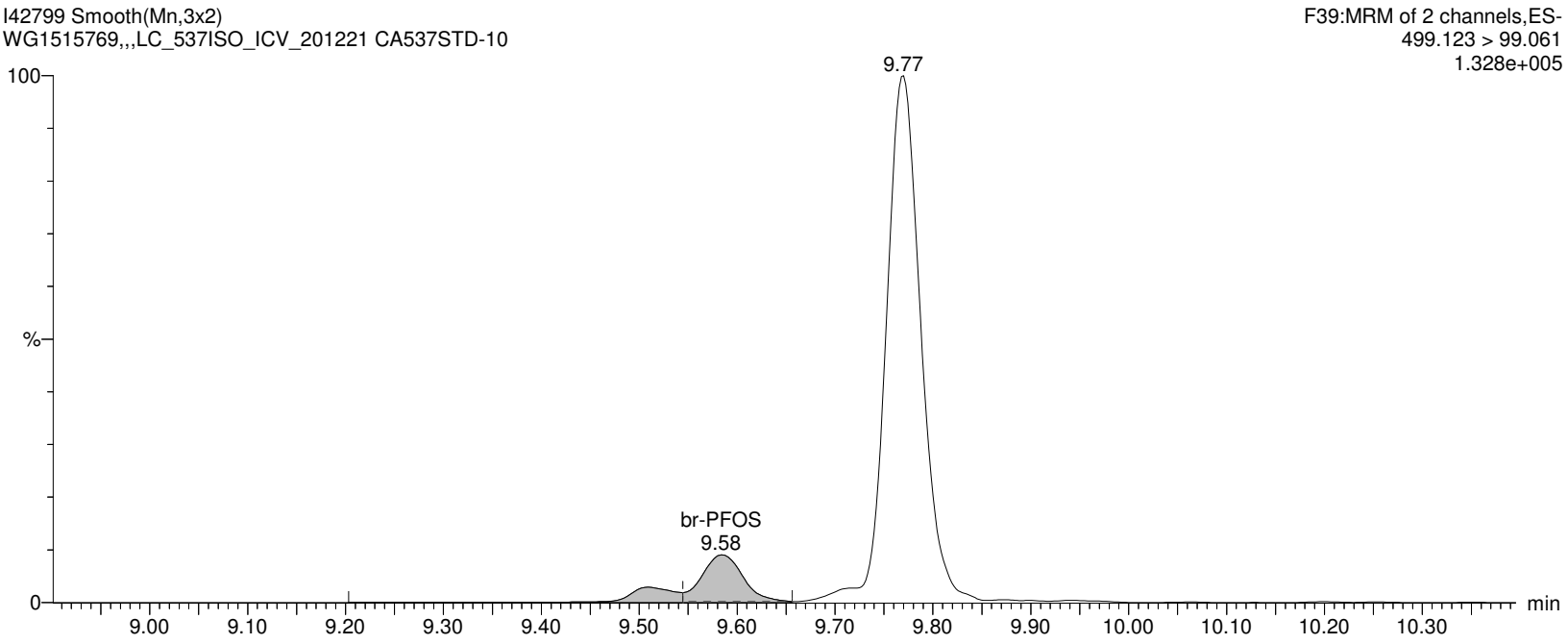
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOS



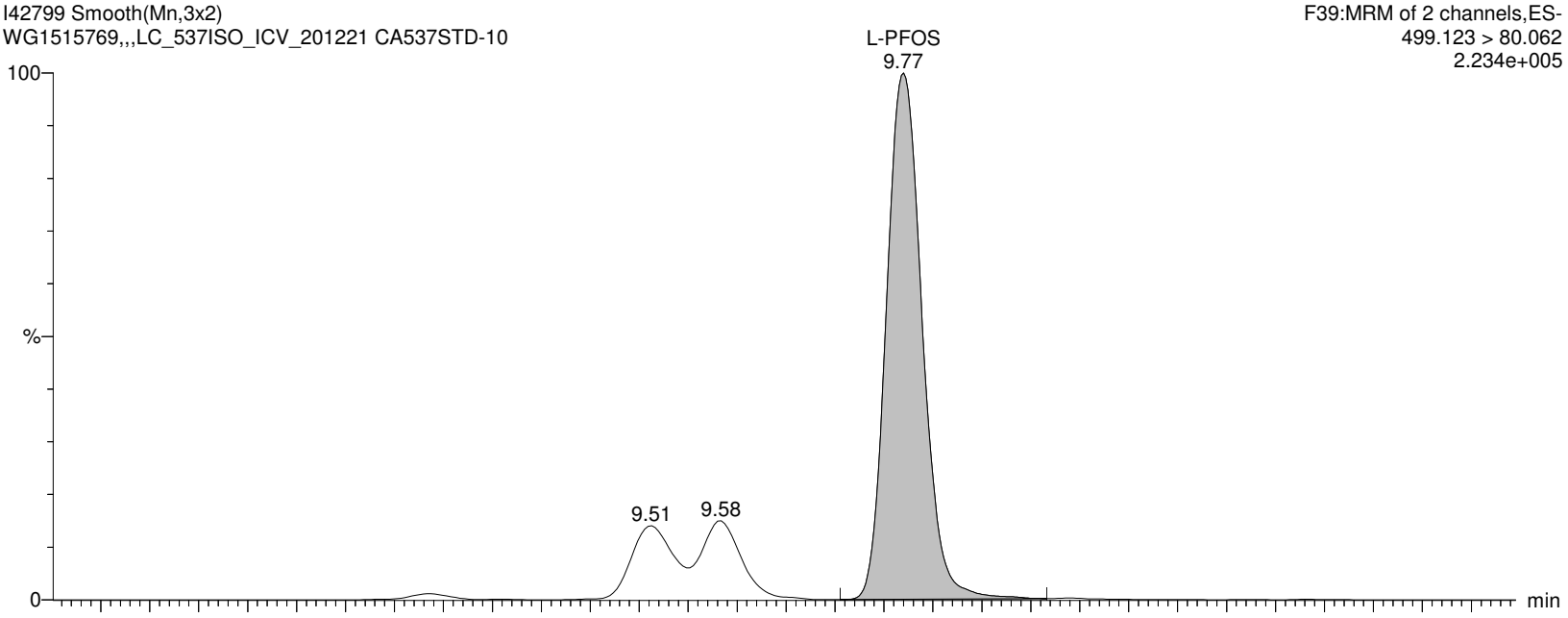


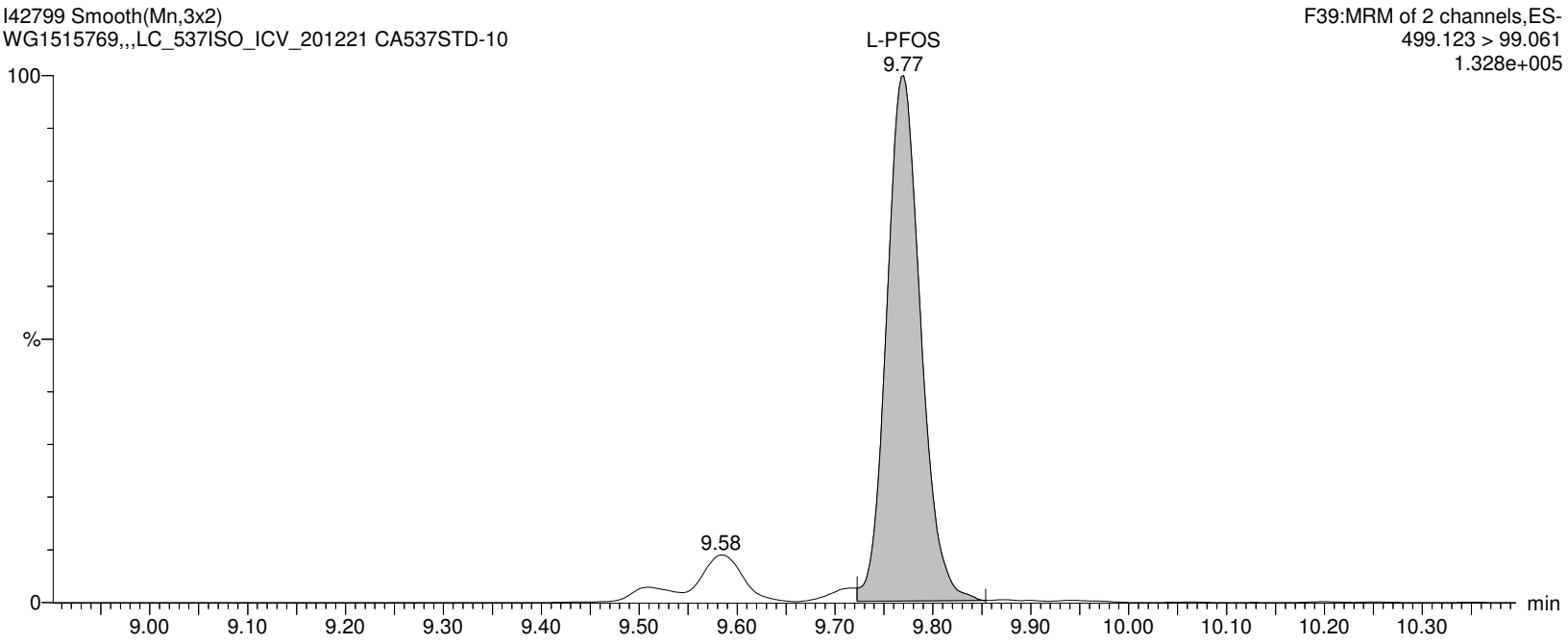
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOS



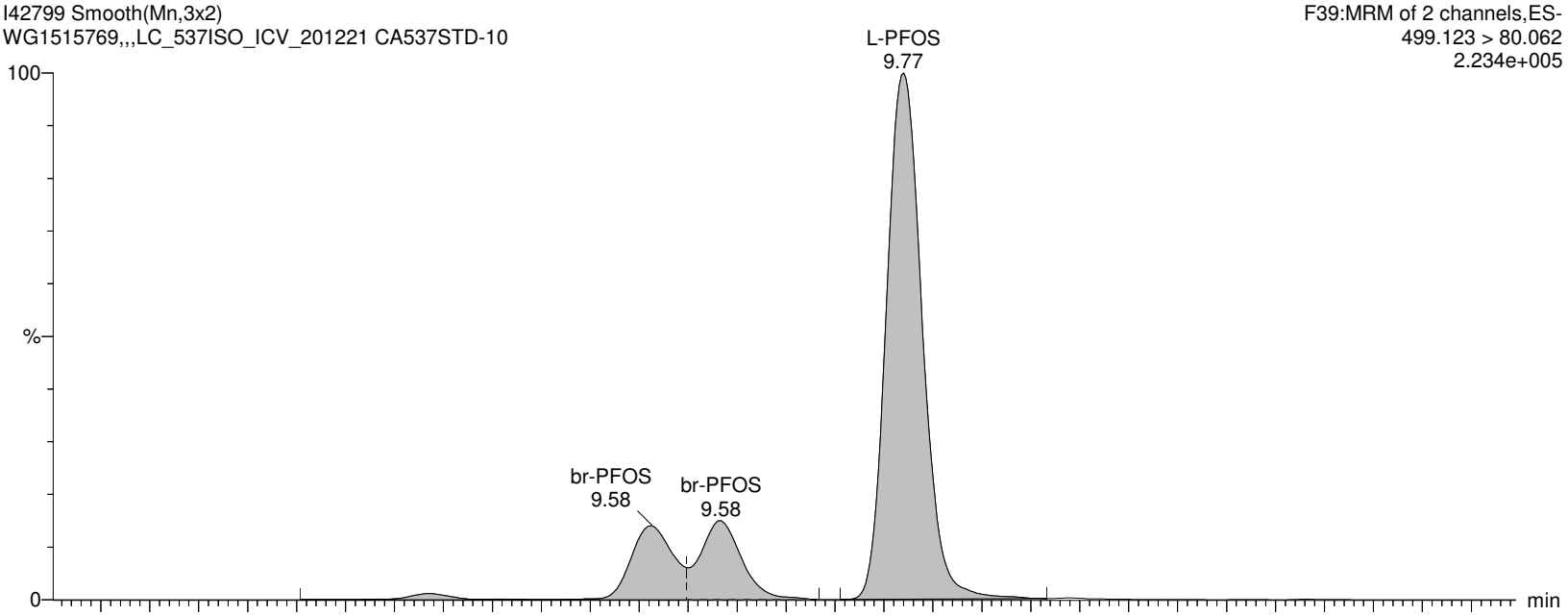


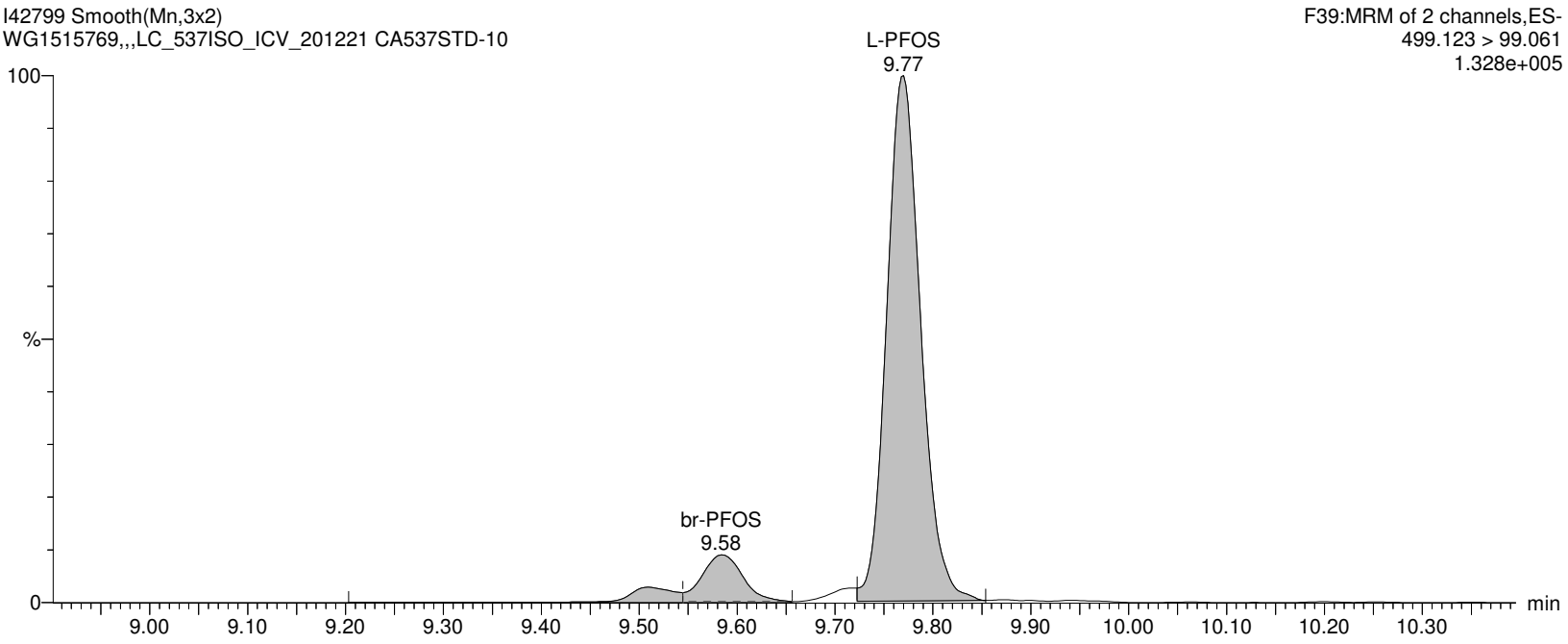
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOS



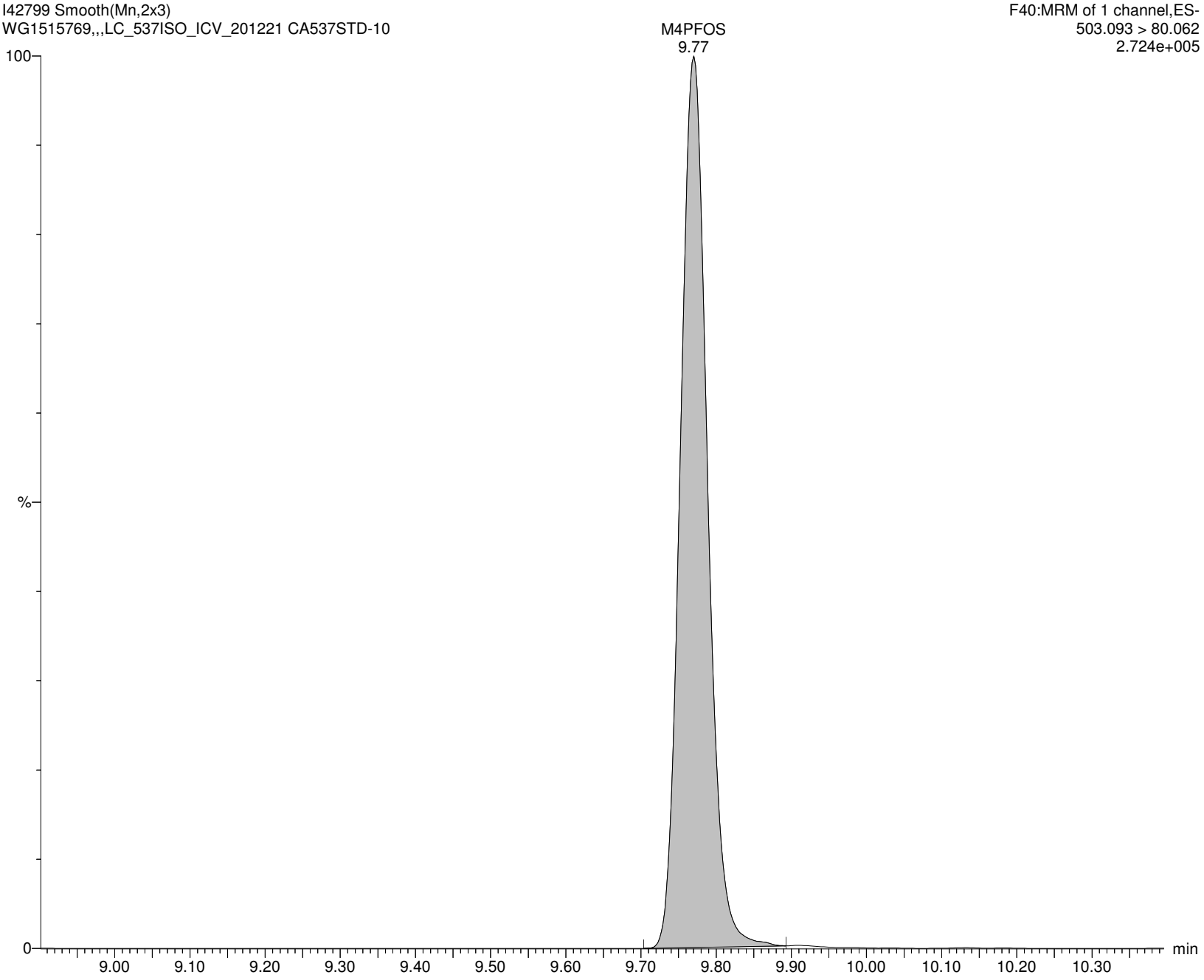


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOS

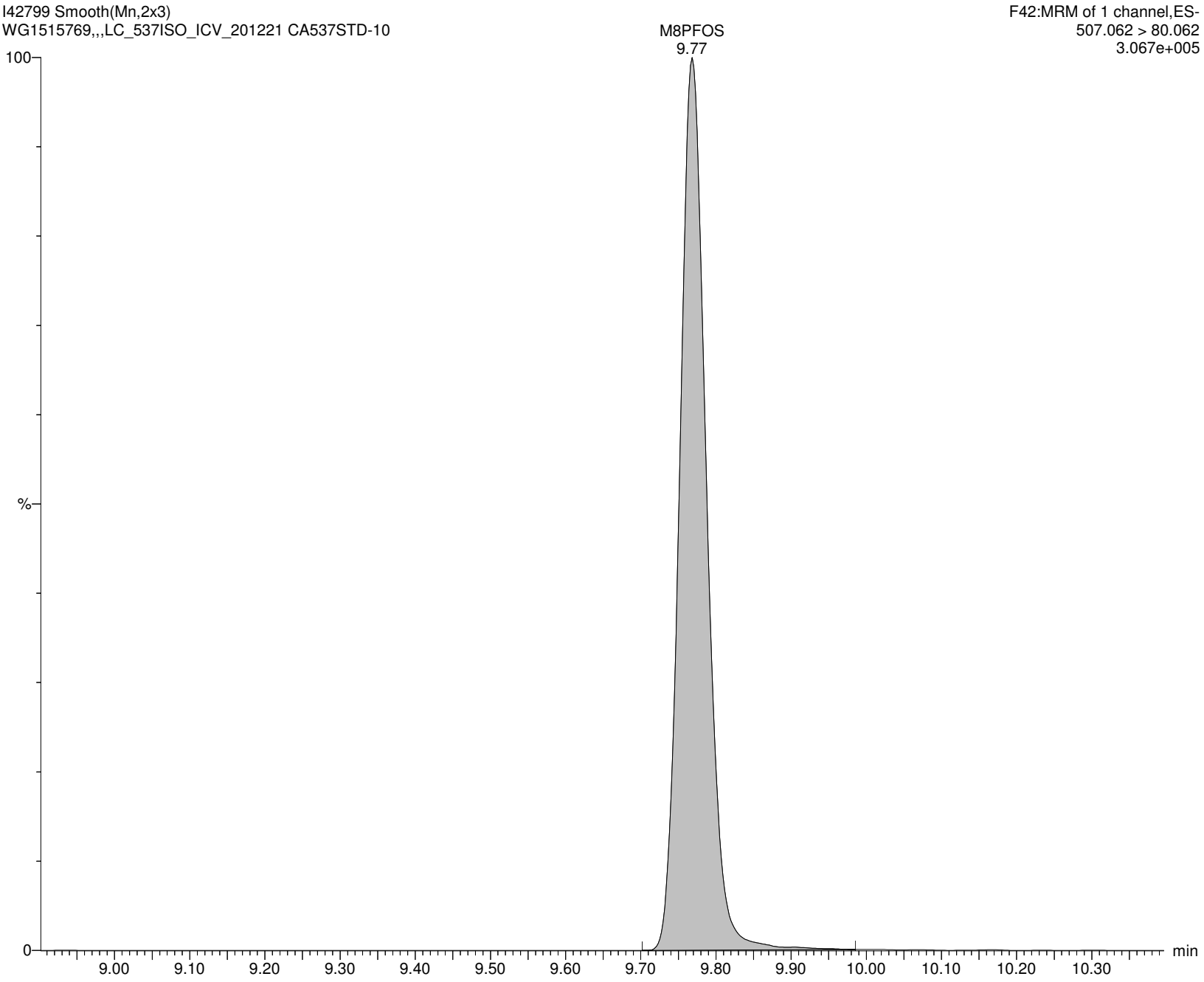


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOS

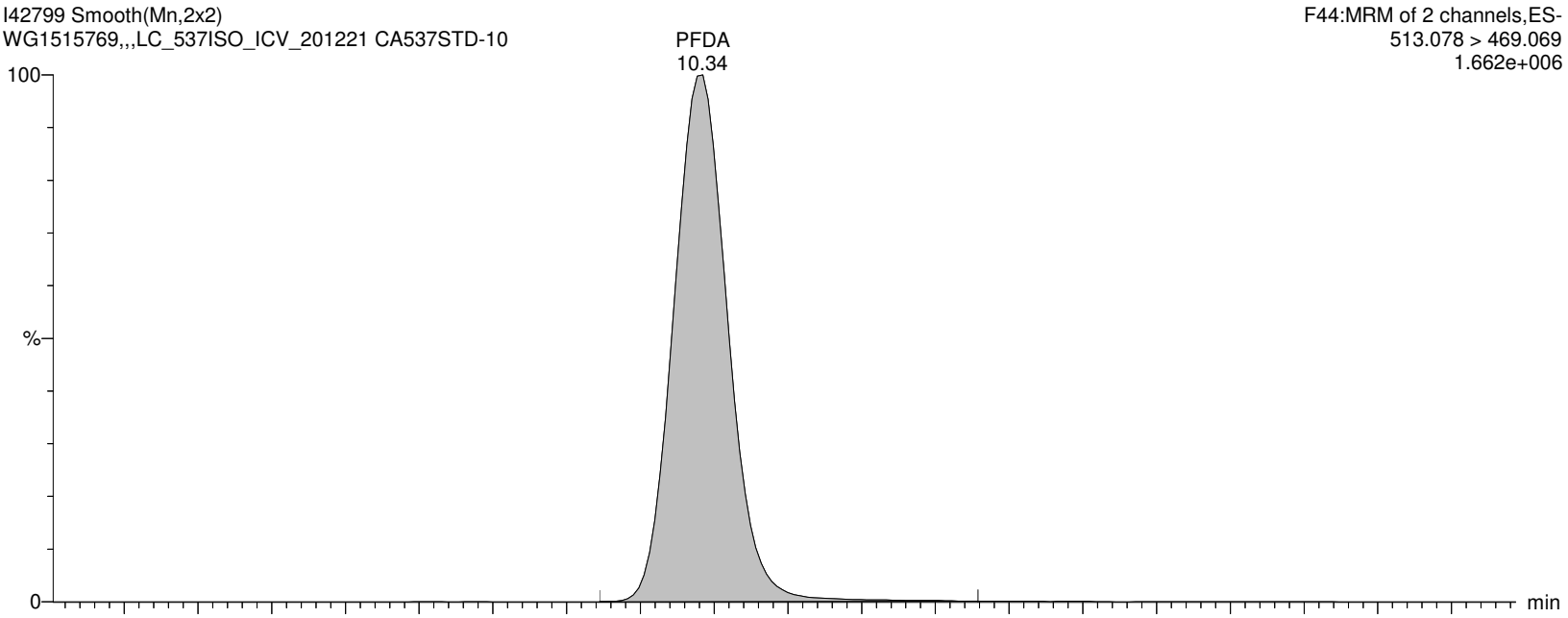


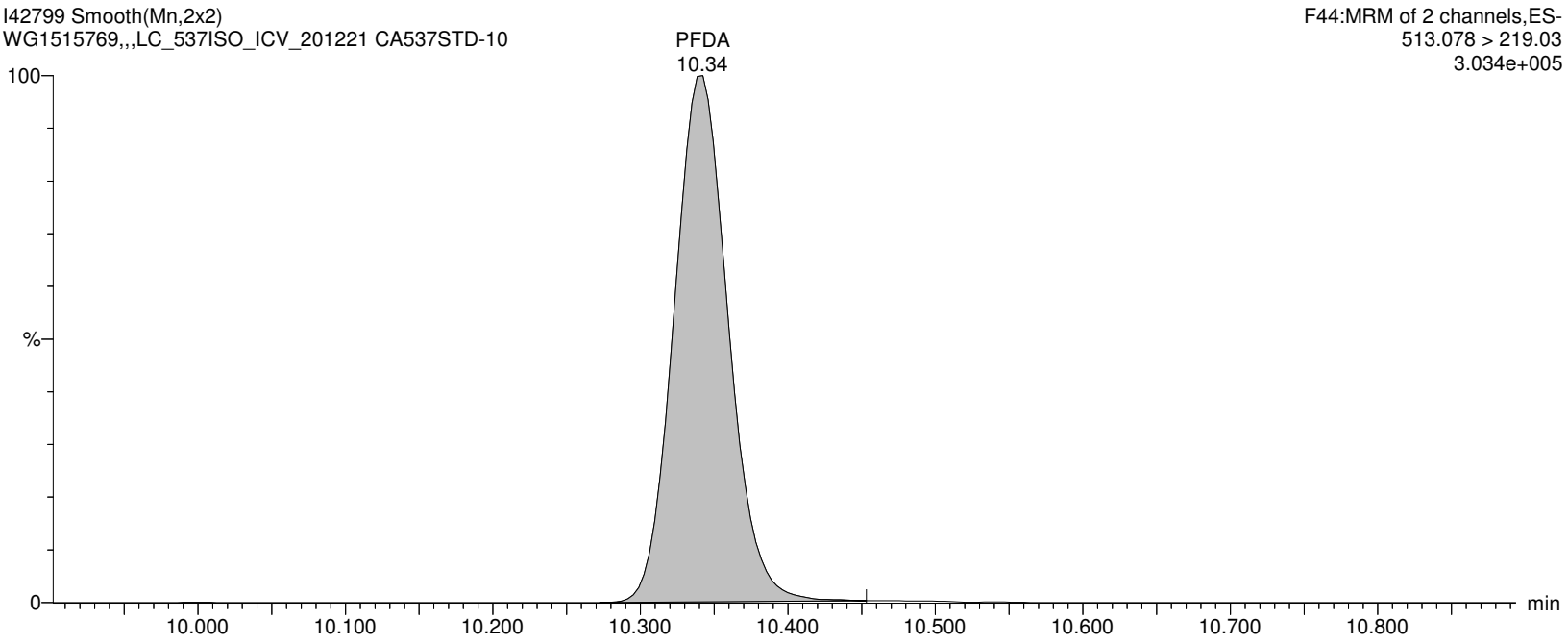
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDA



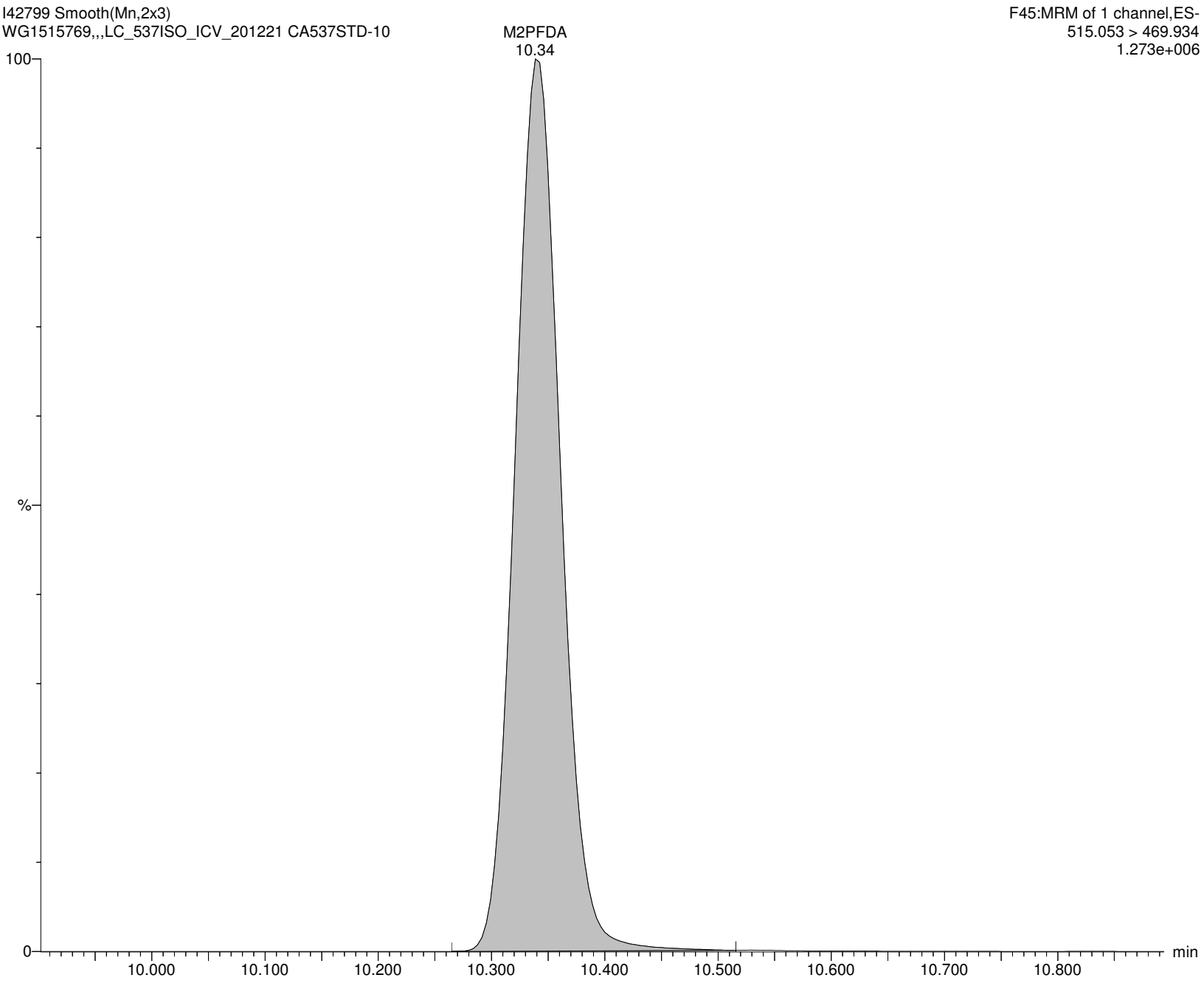


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFDA

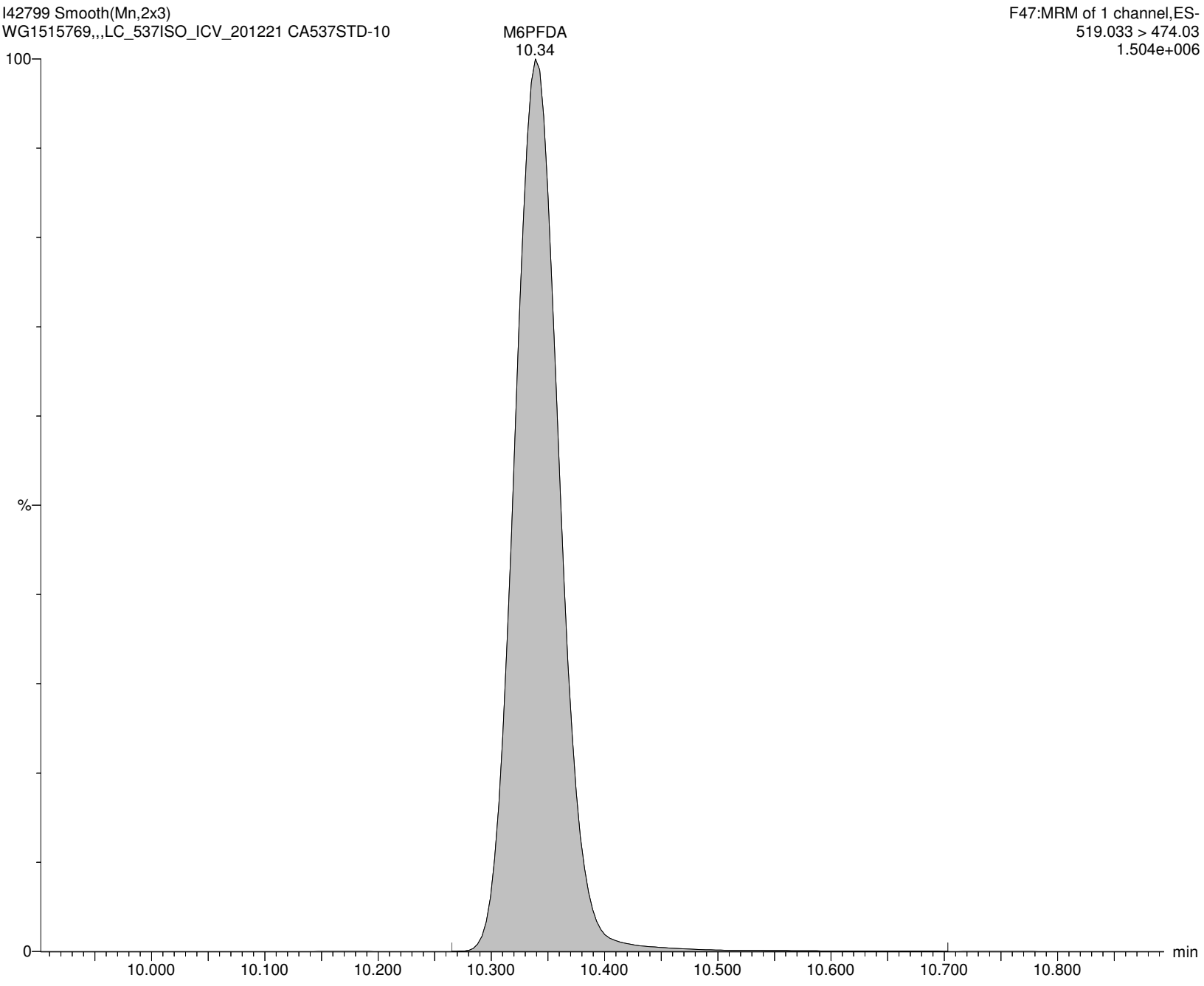


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M6PFDA

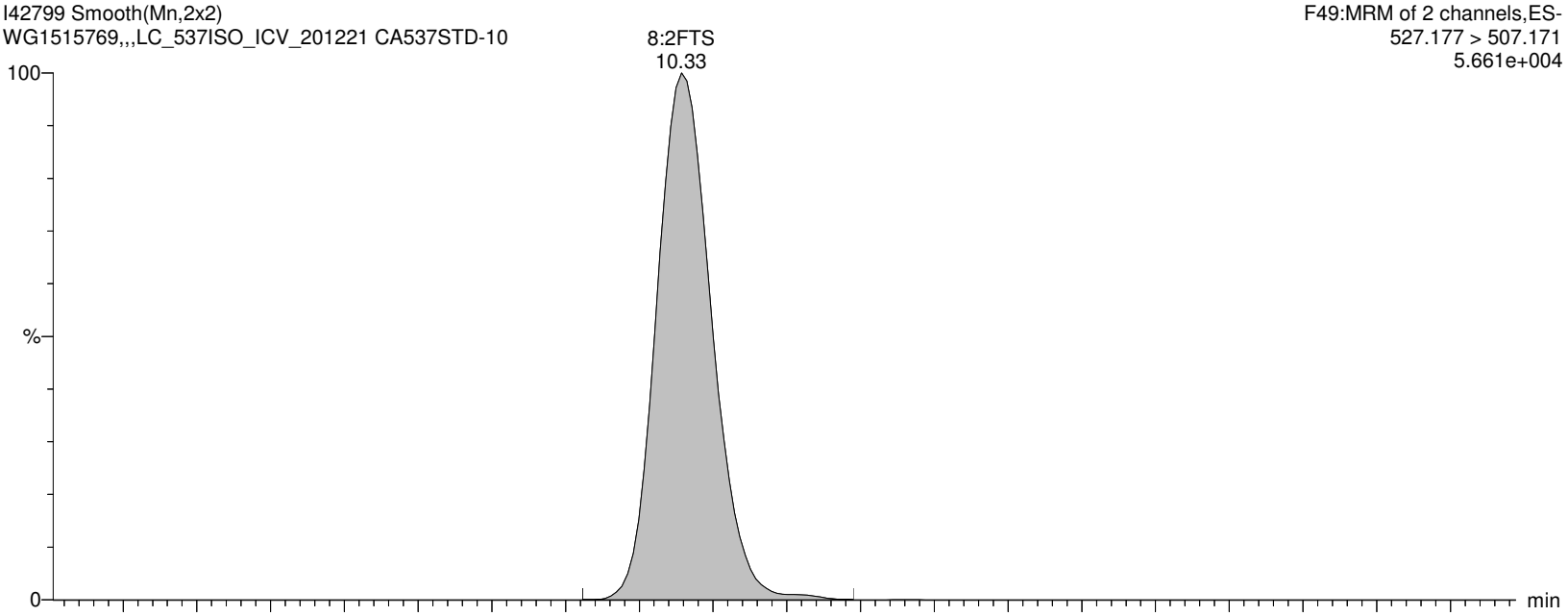


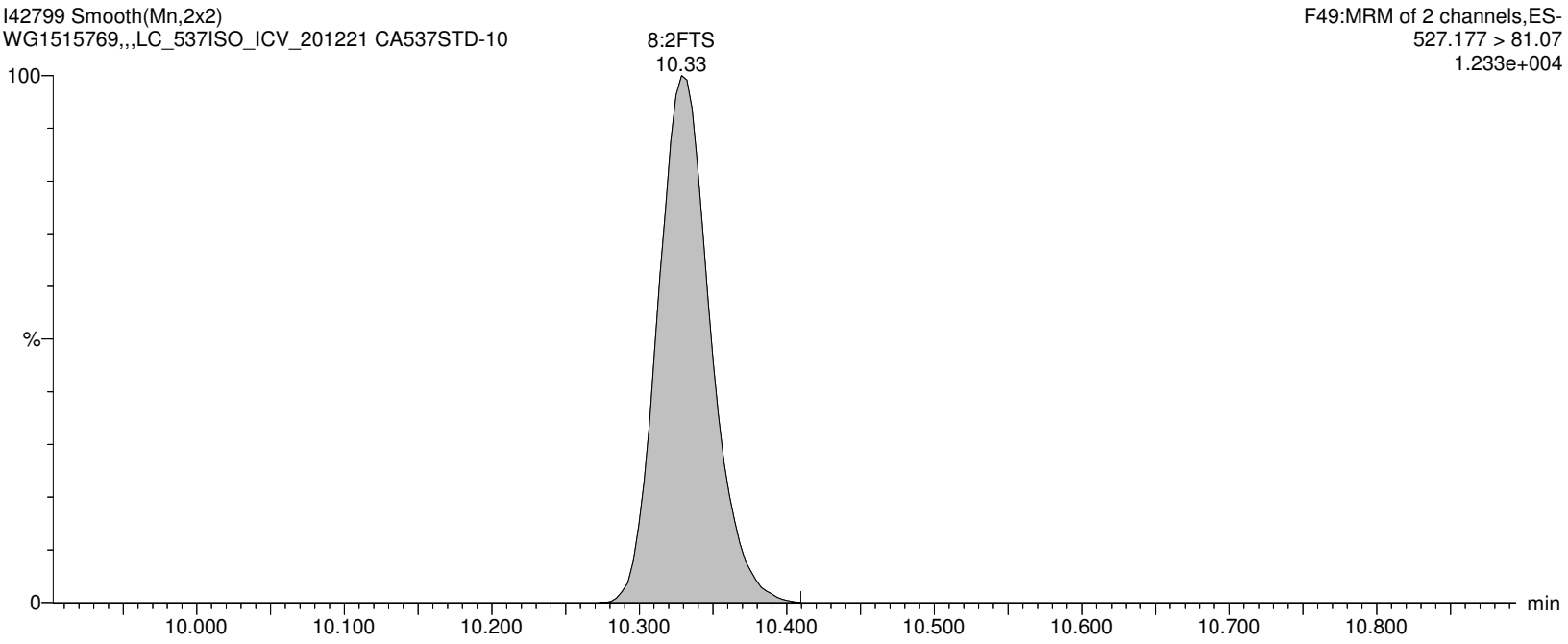
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

8:2FTS



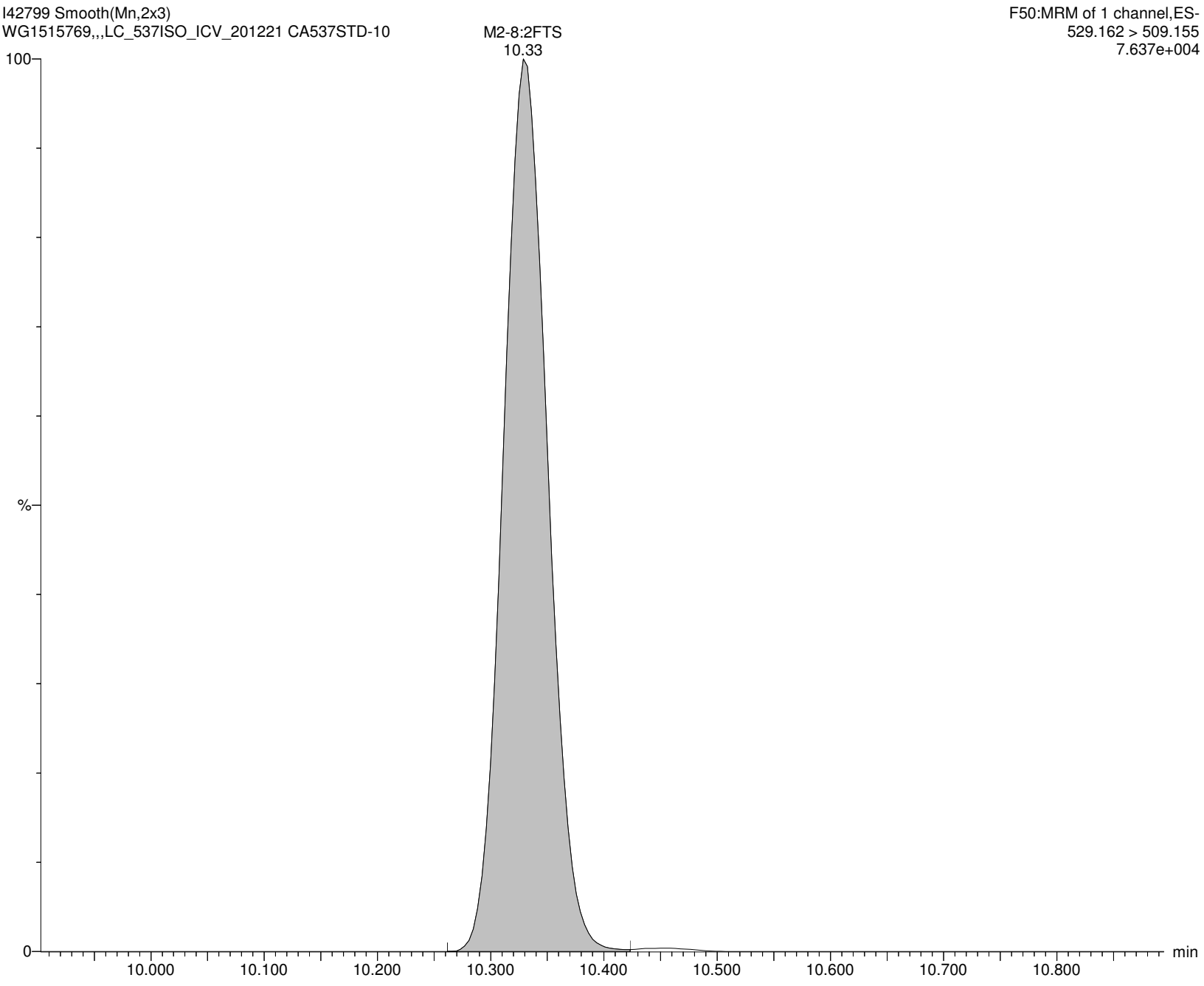


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-8:2FTS

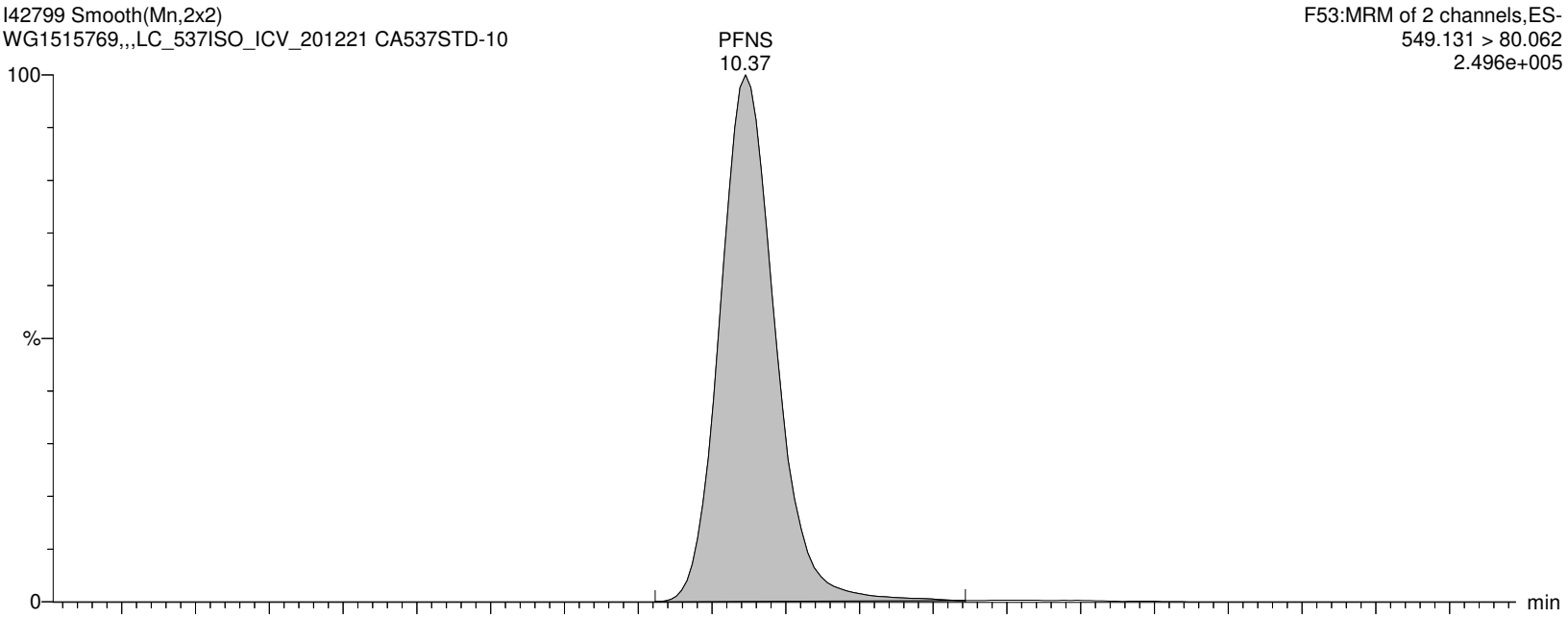


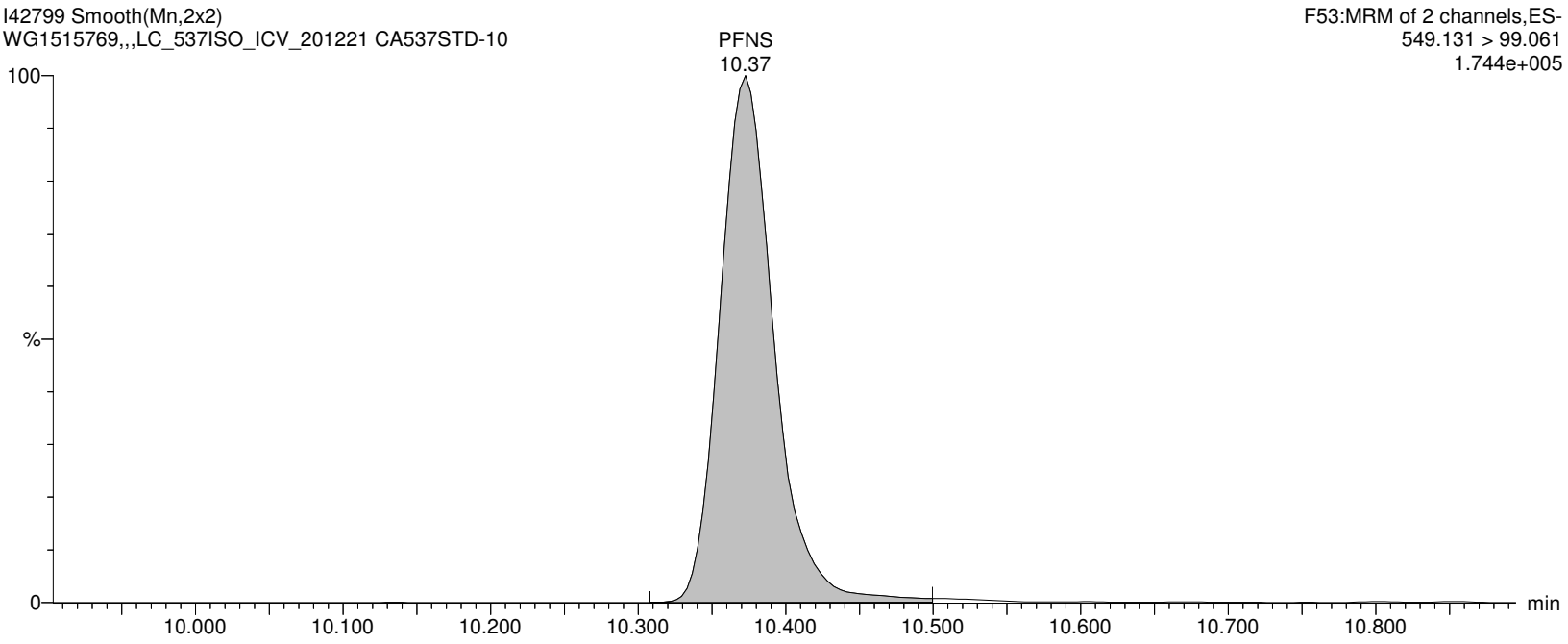
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNS



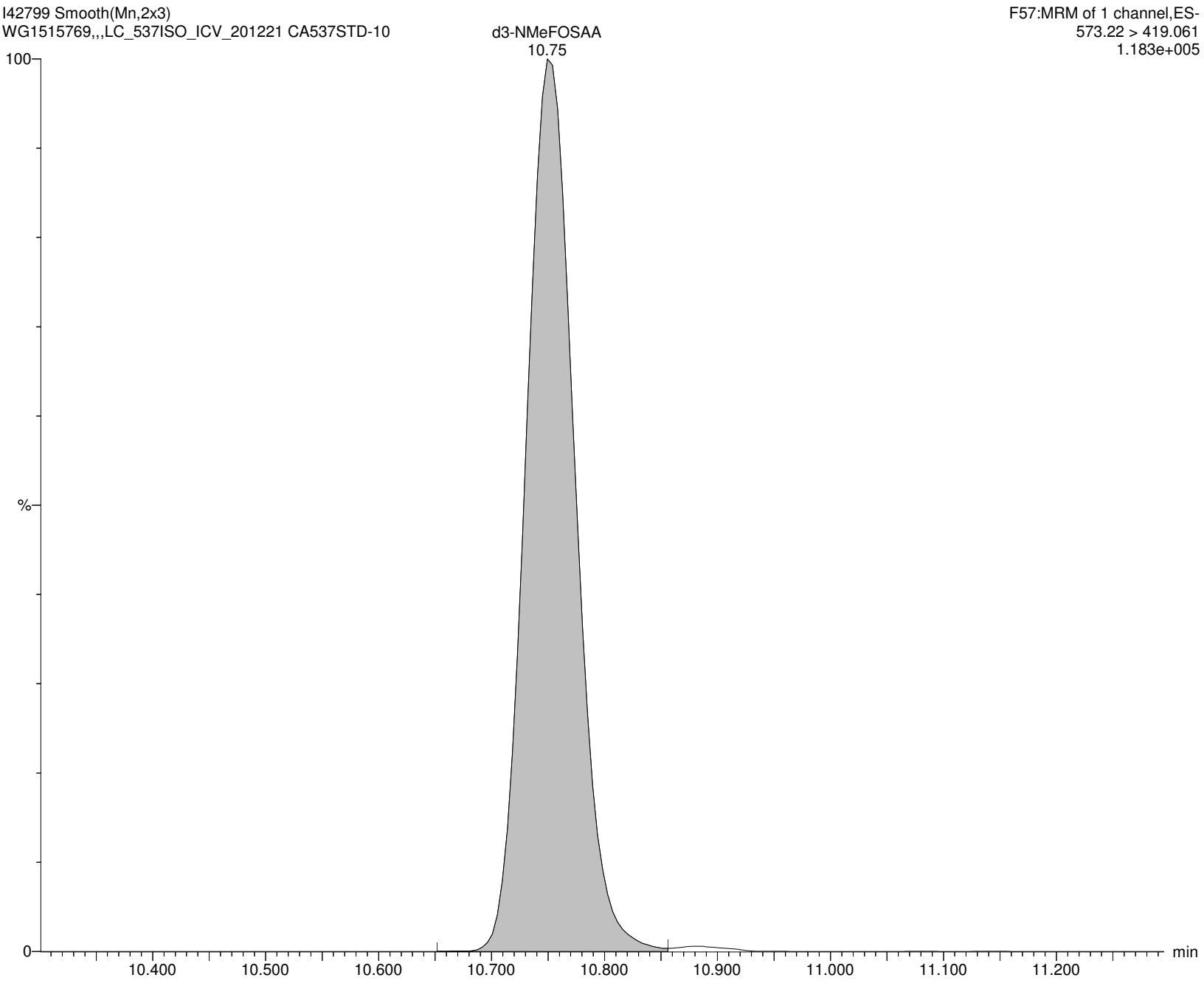


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSAA

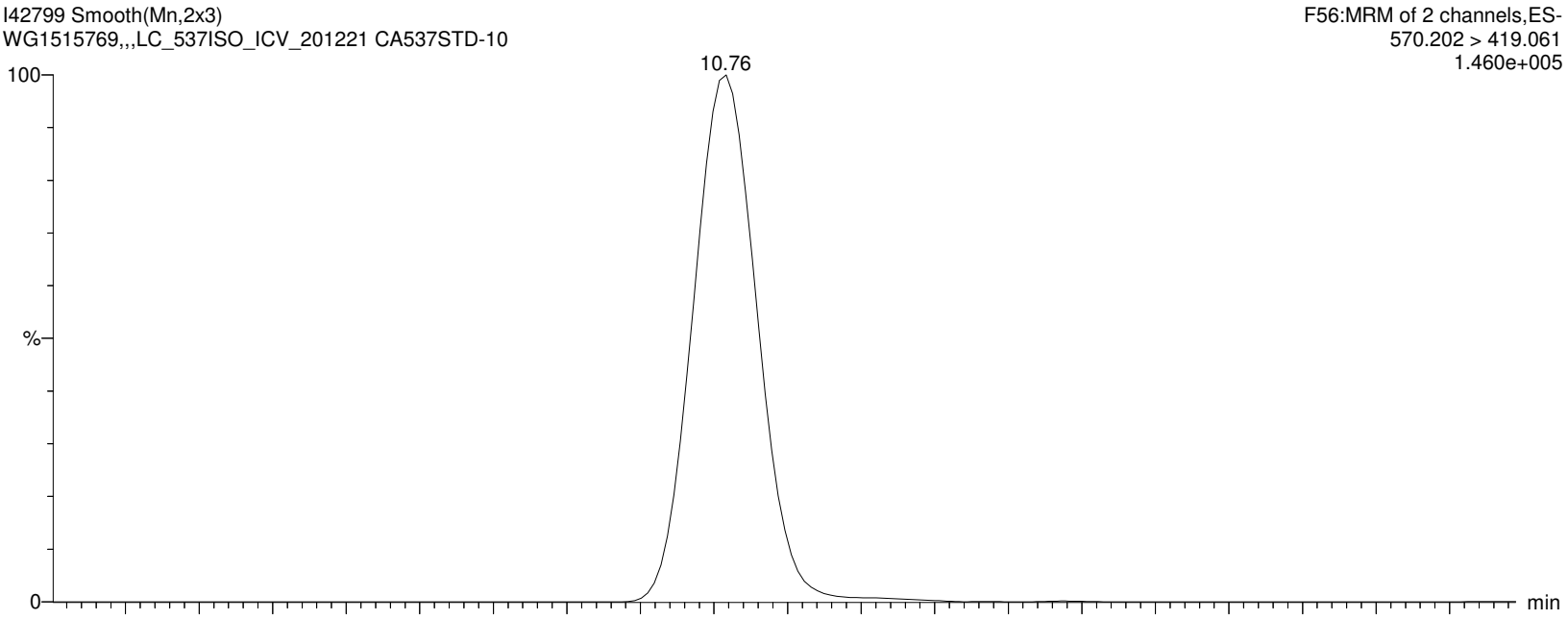


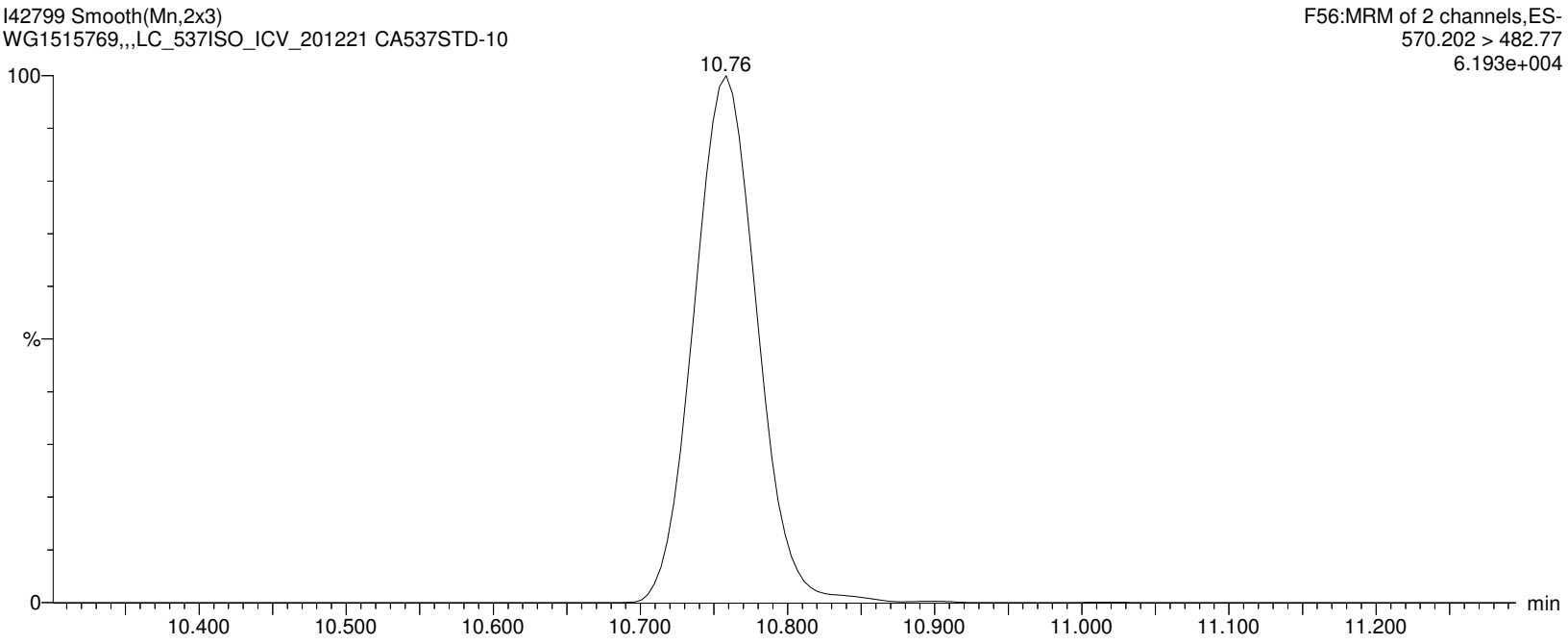
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NMeFOSAA



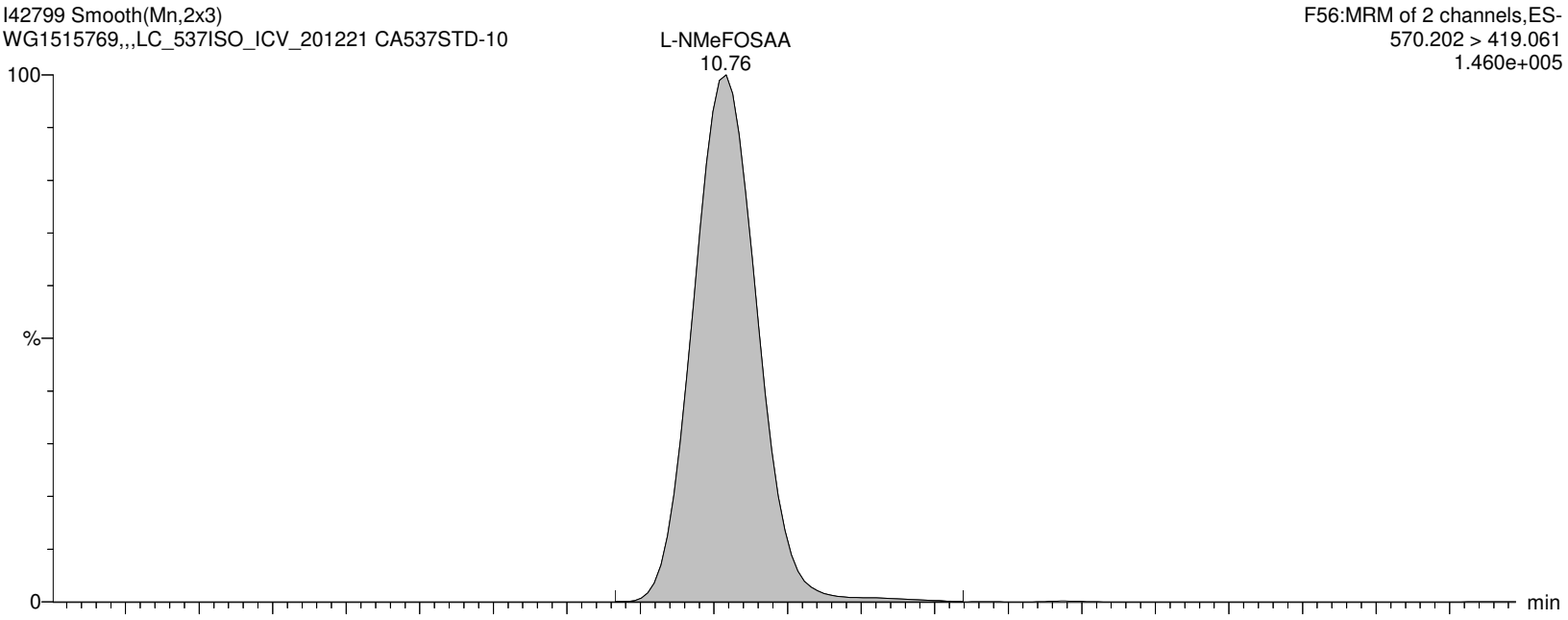


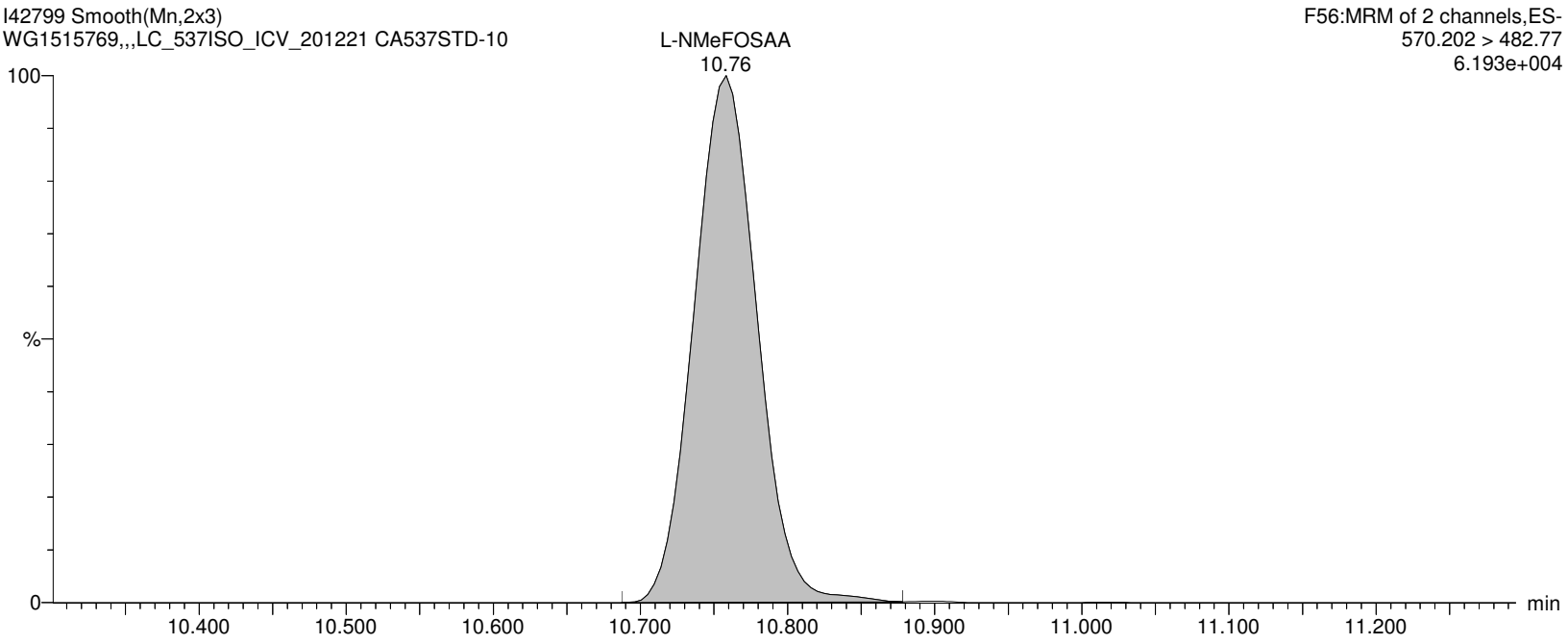
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NMeFOSAA



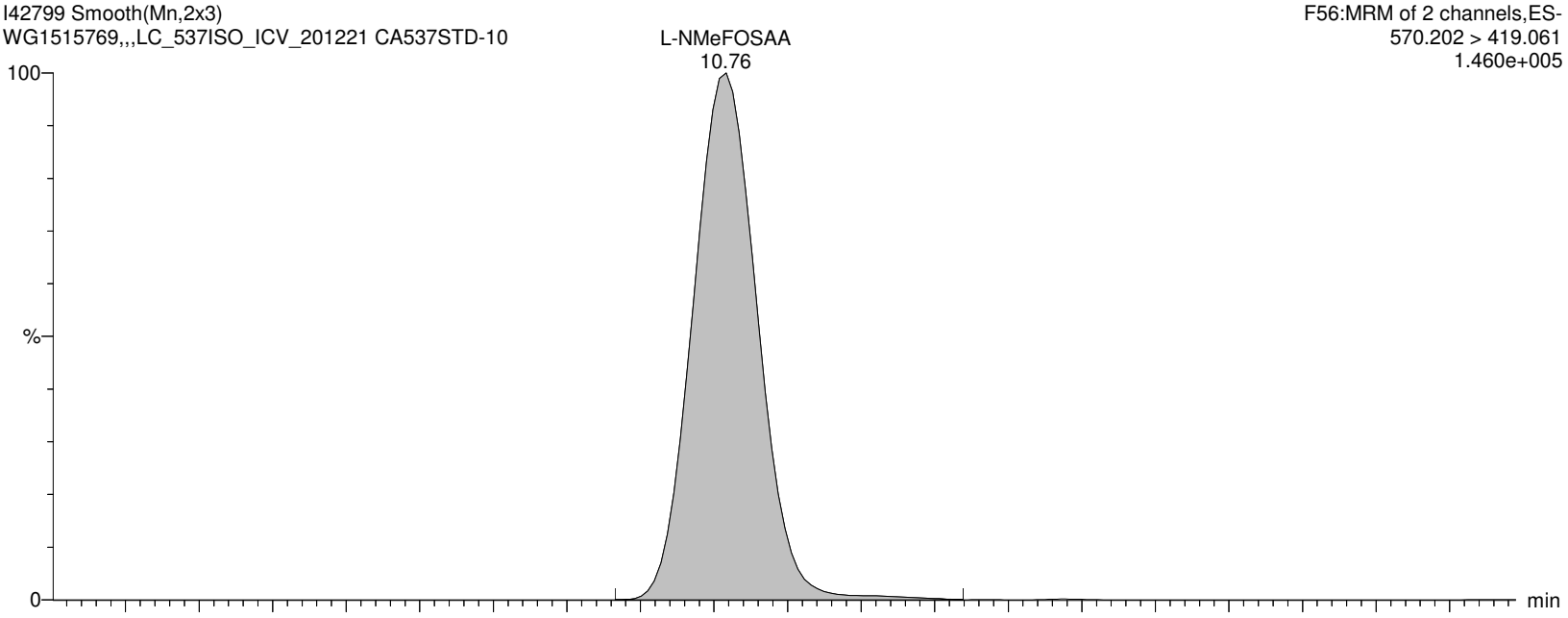


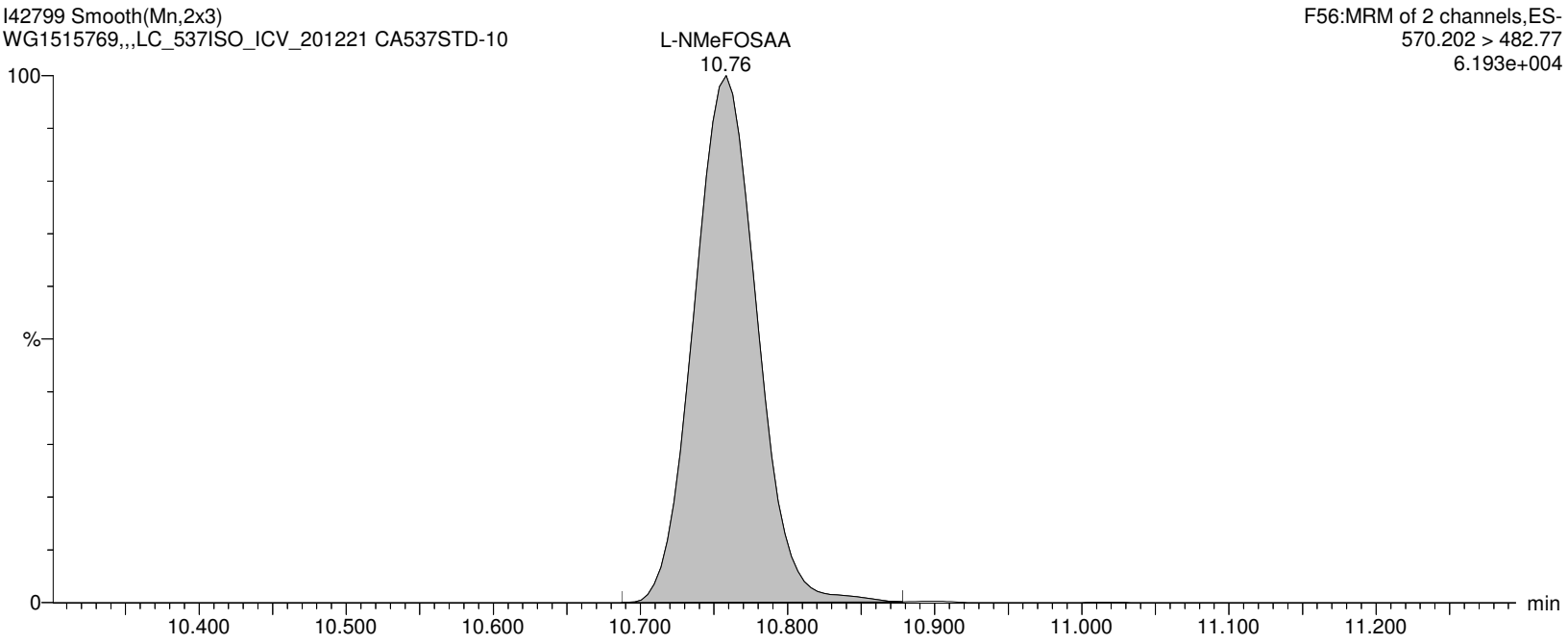
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSAA



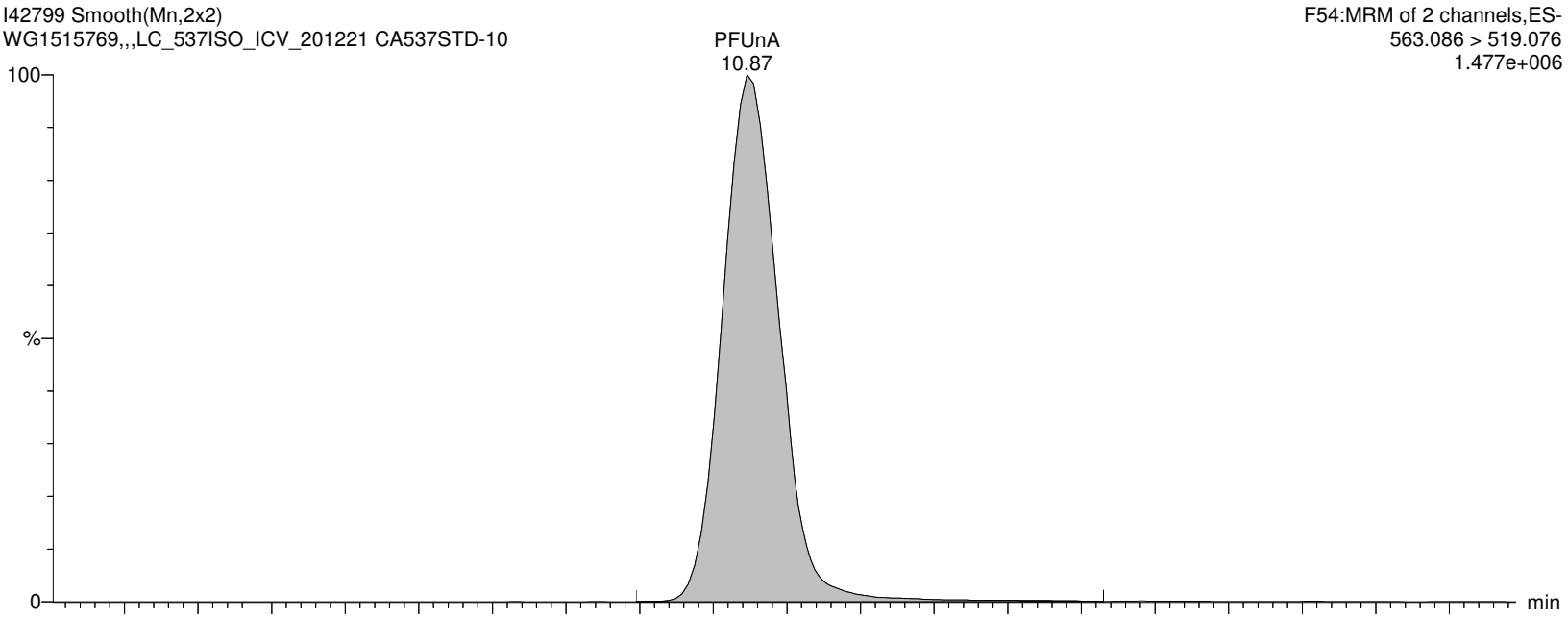


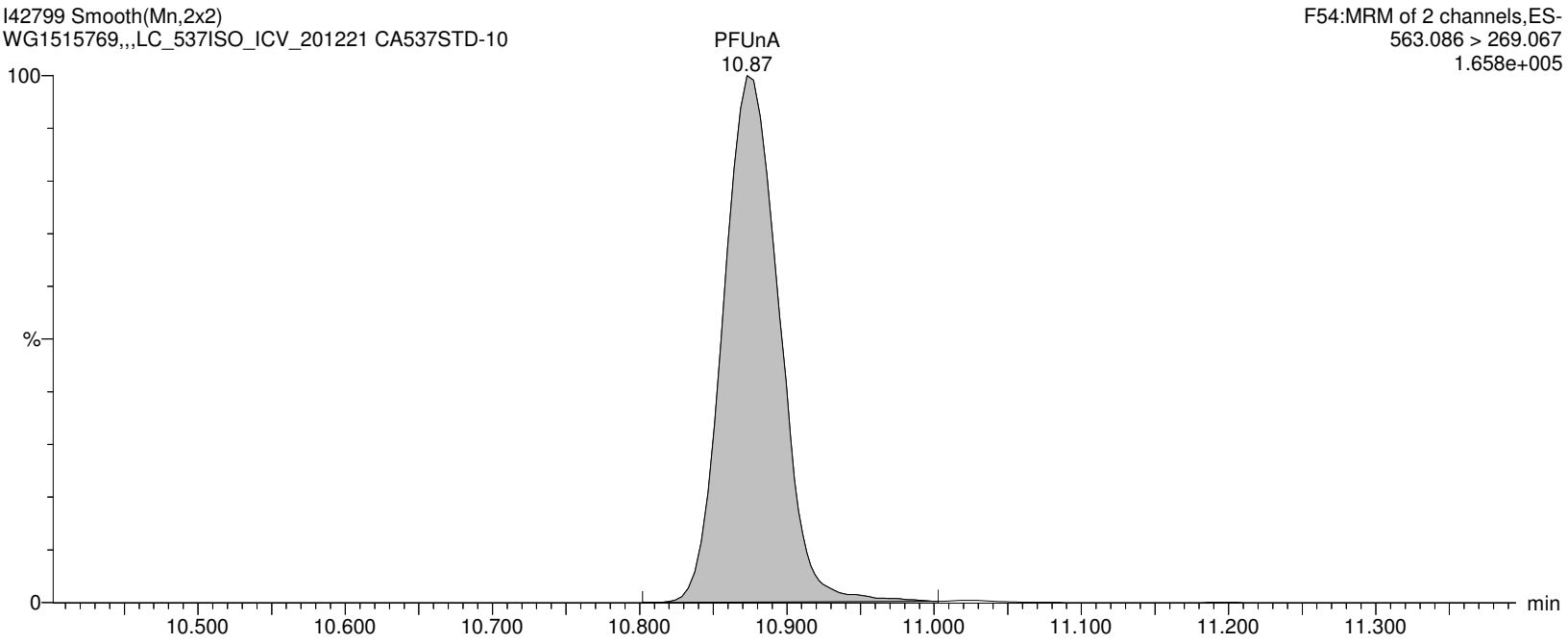
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFUnA



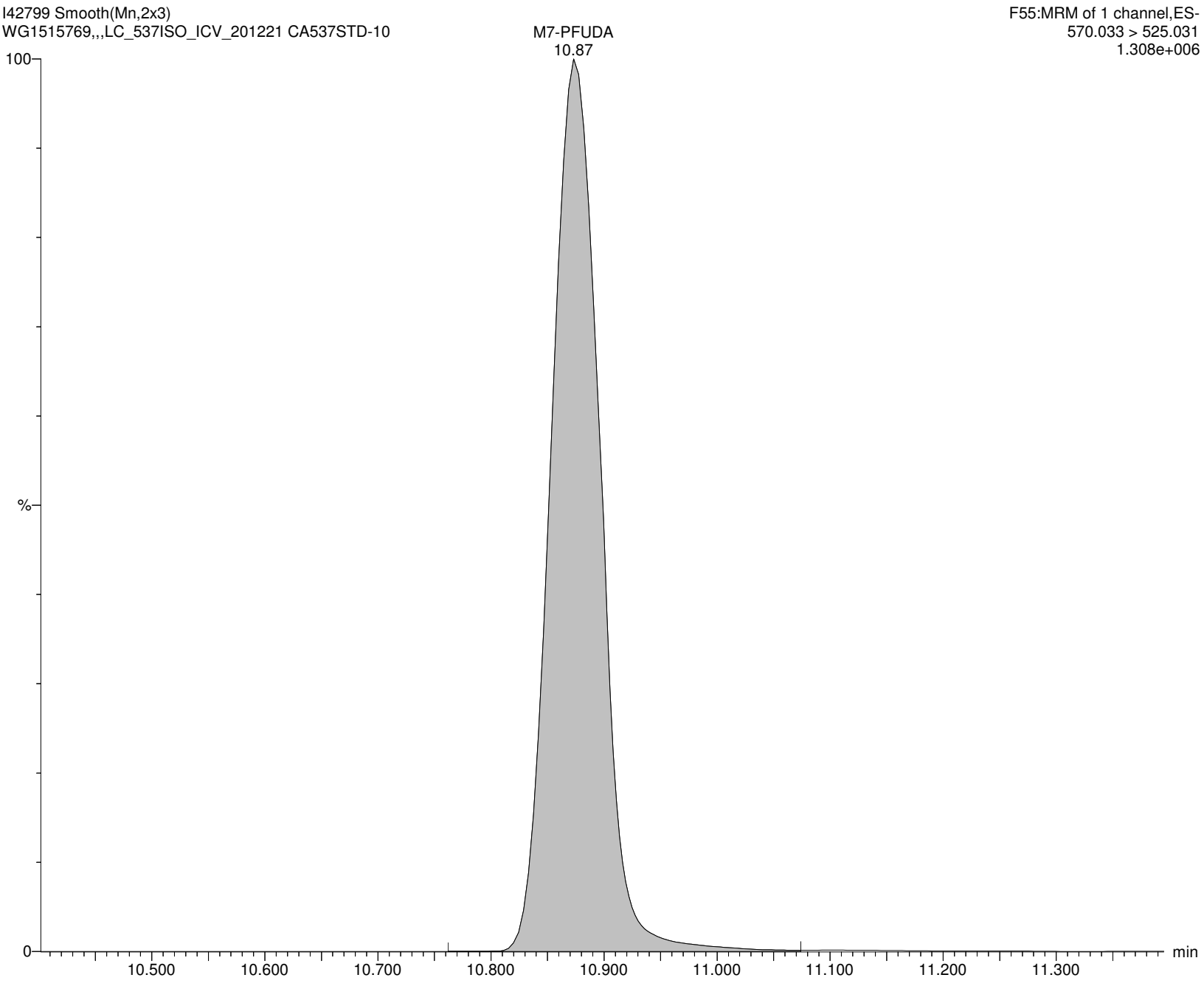


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M7-PFUDA

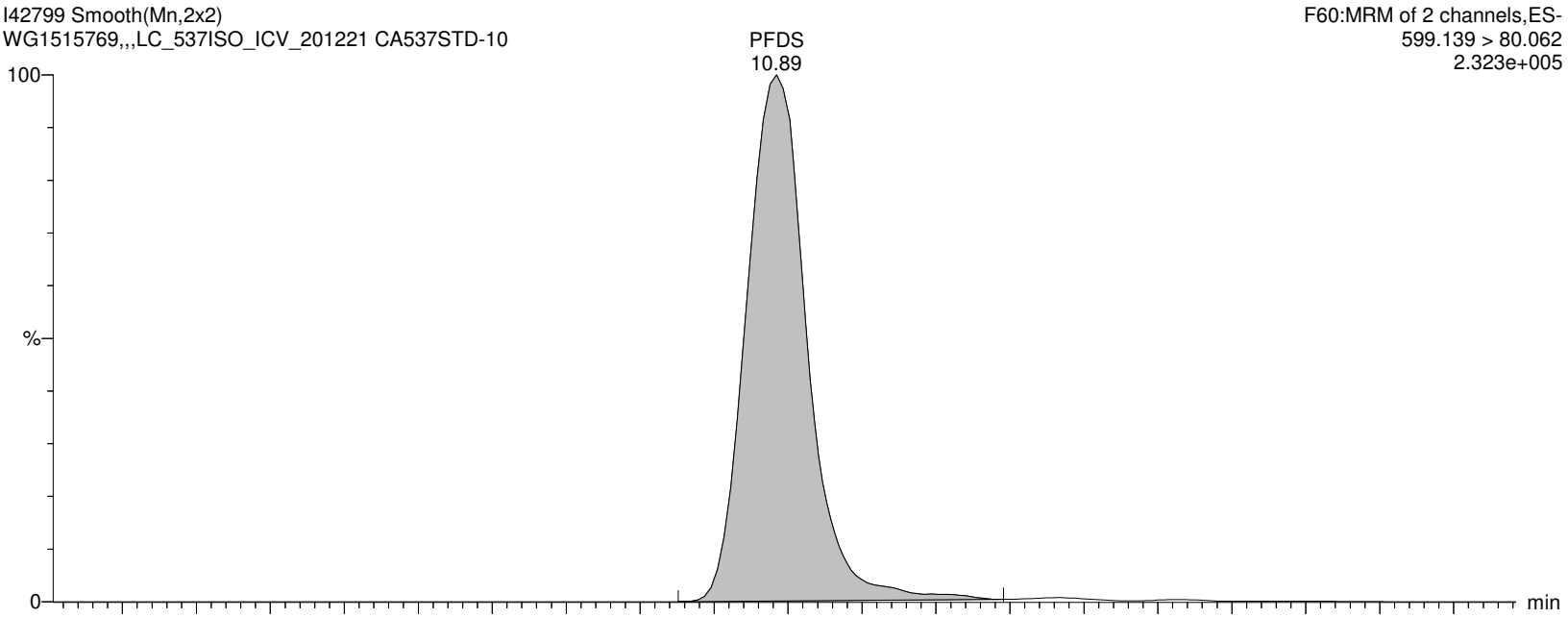


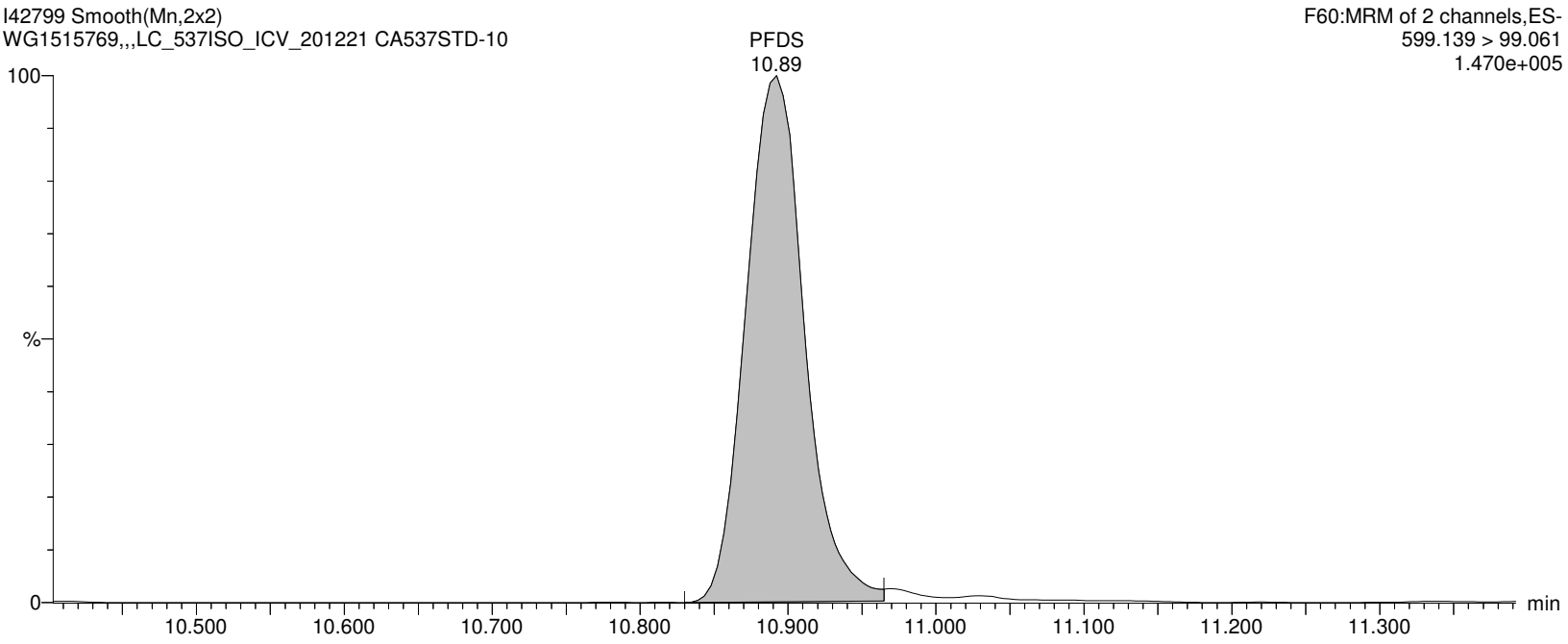
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDS



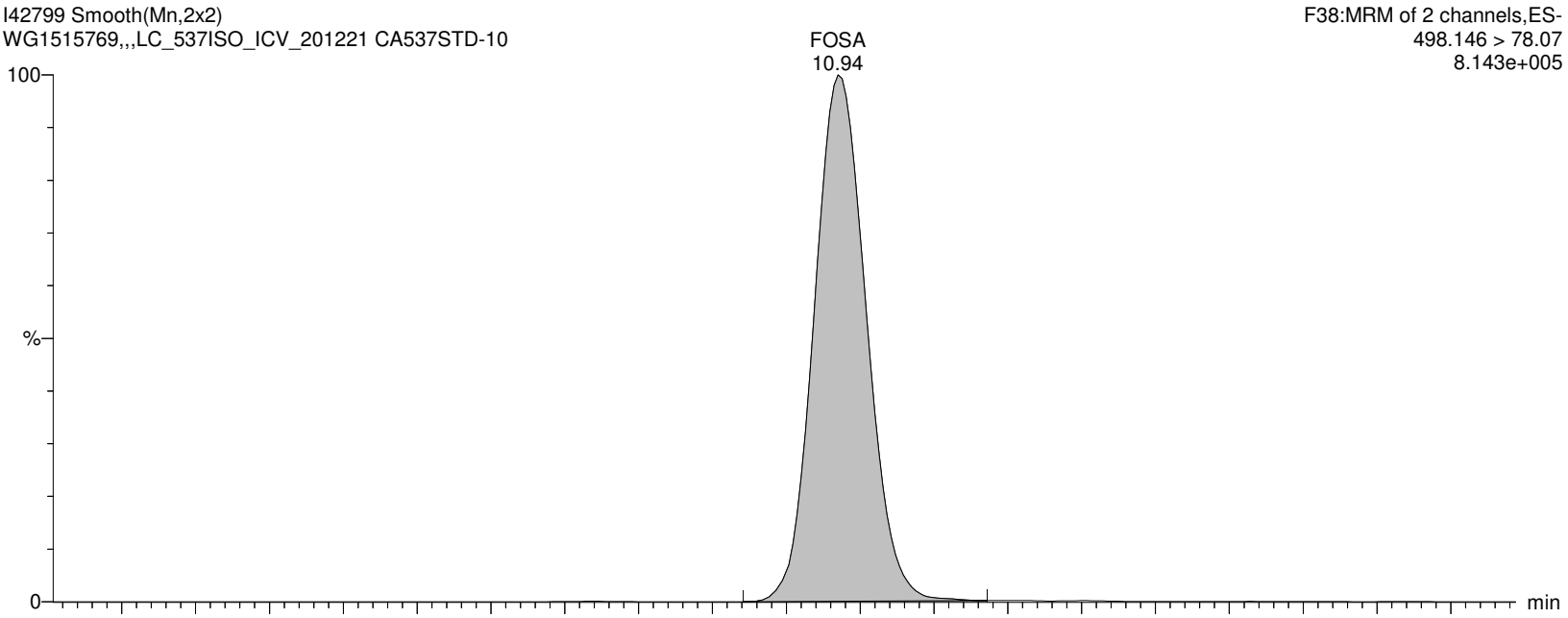


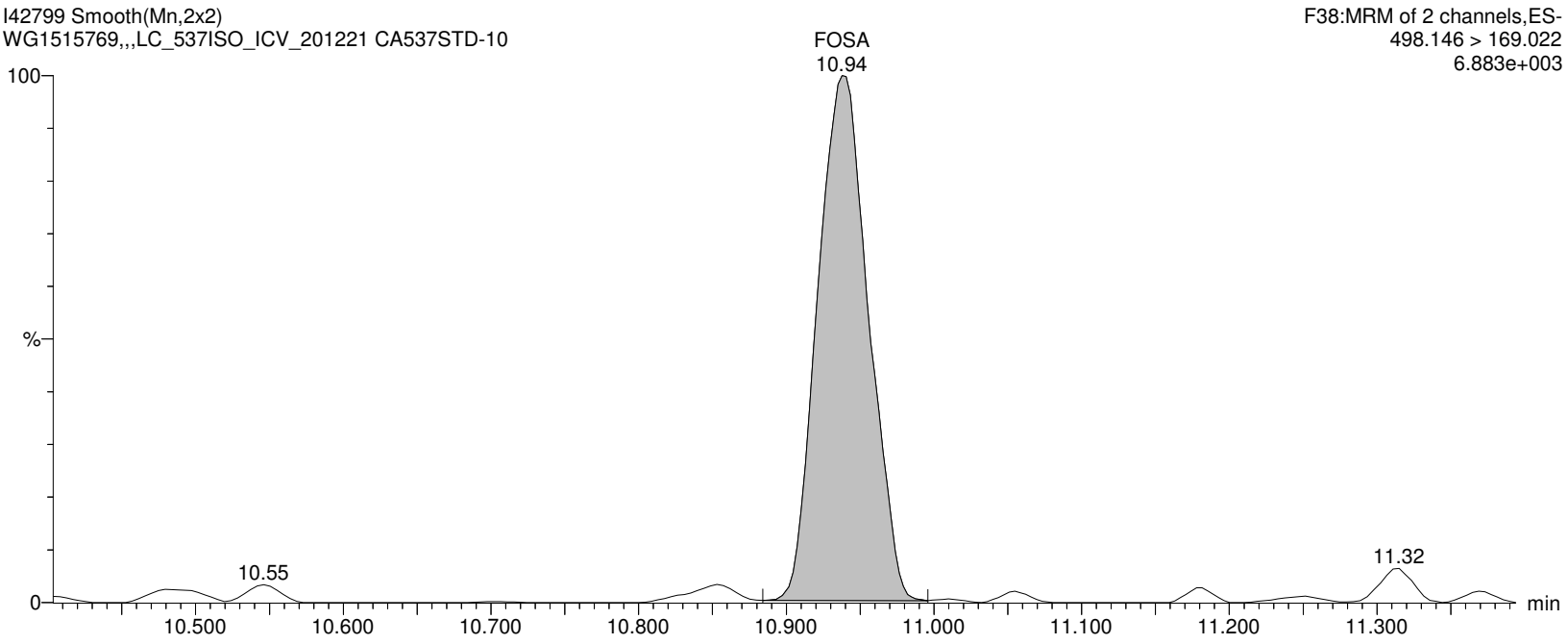
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

FOSA



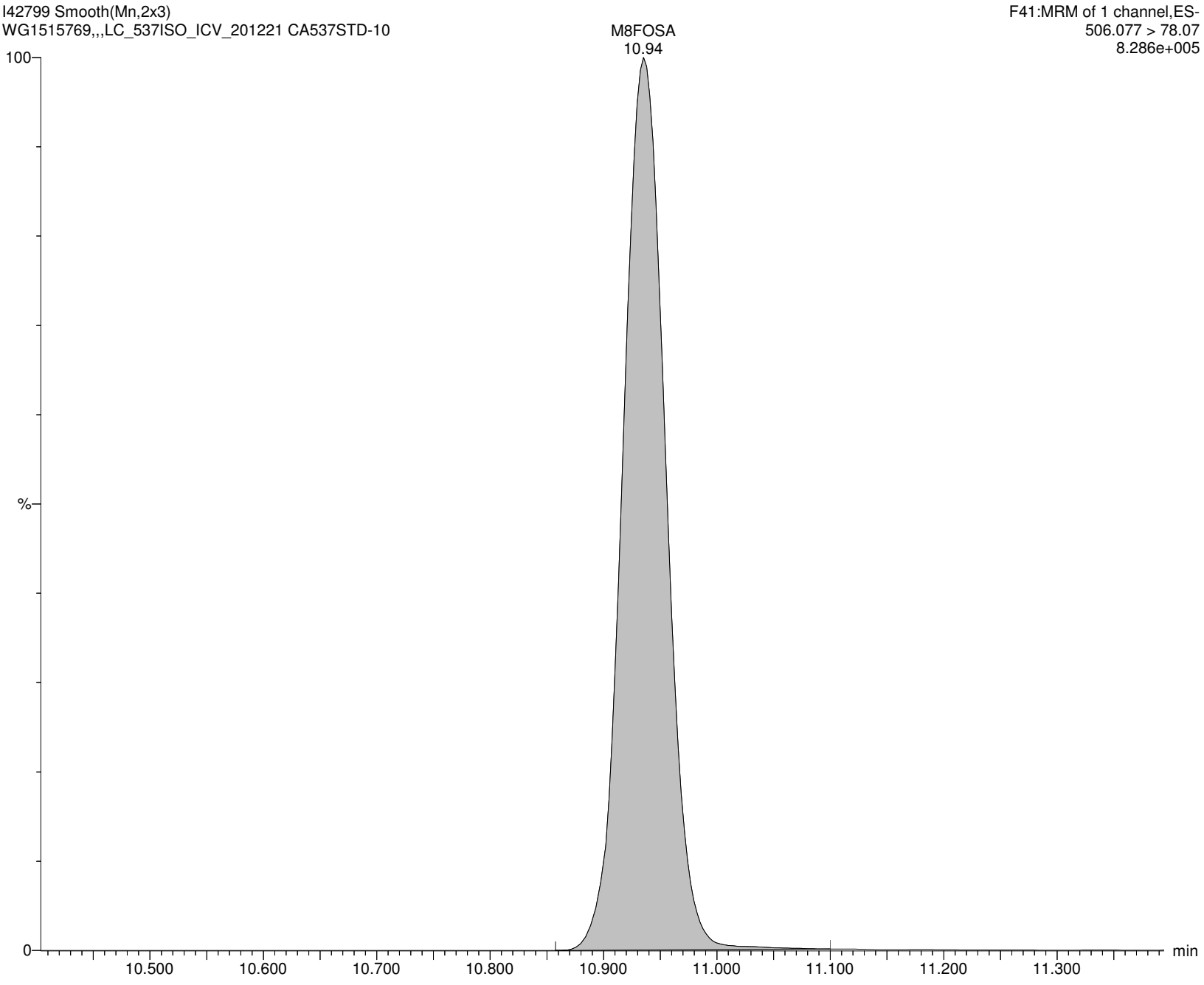


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8FOSA

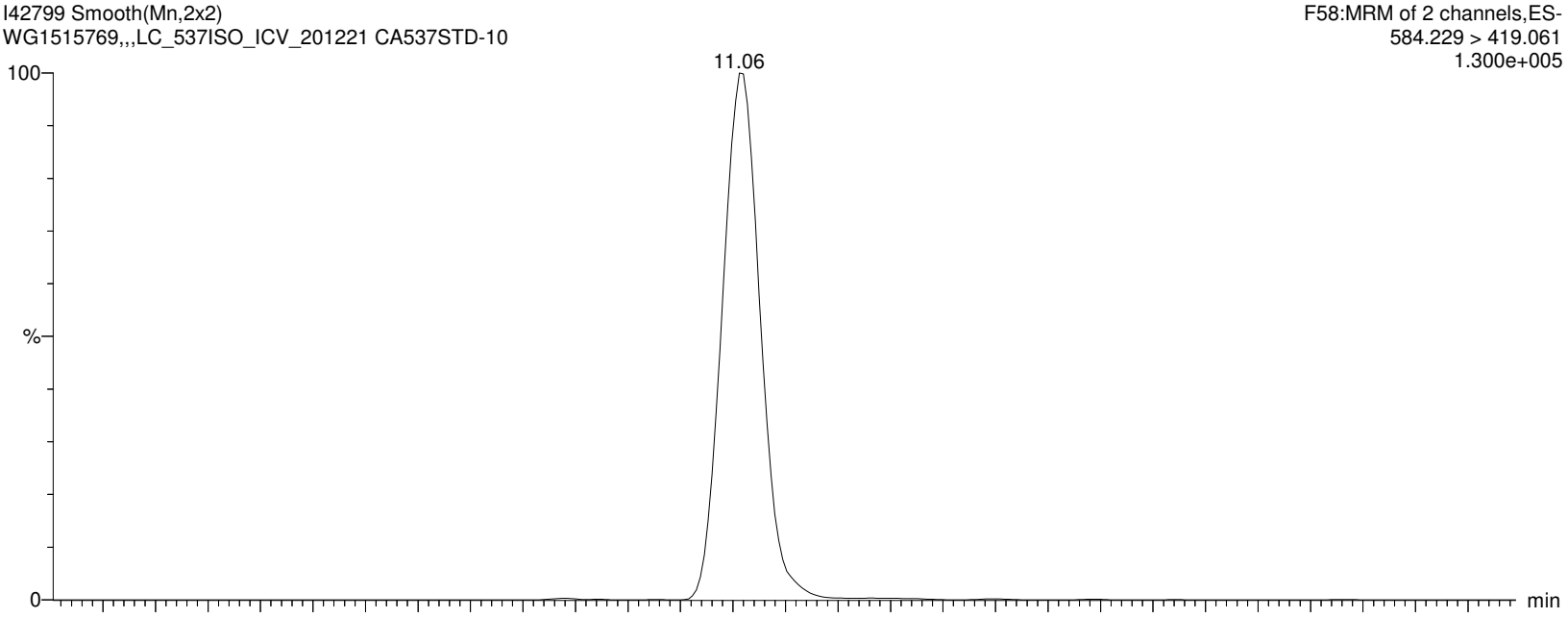


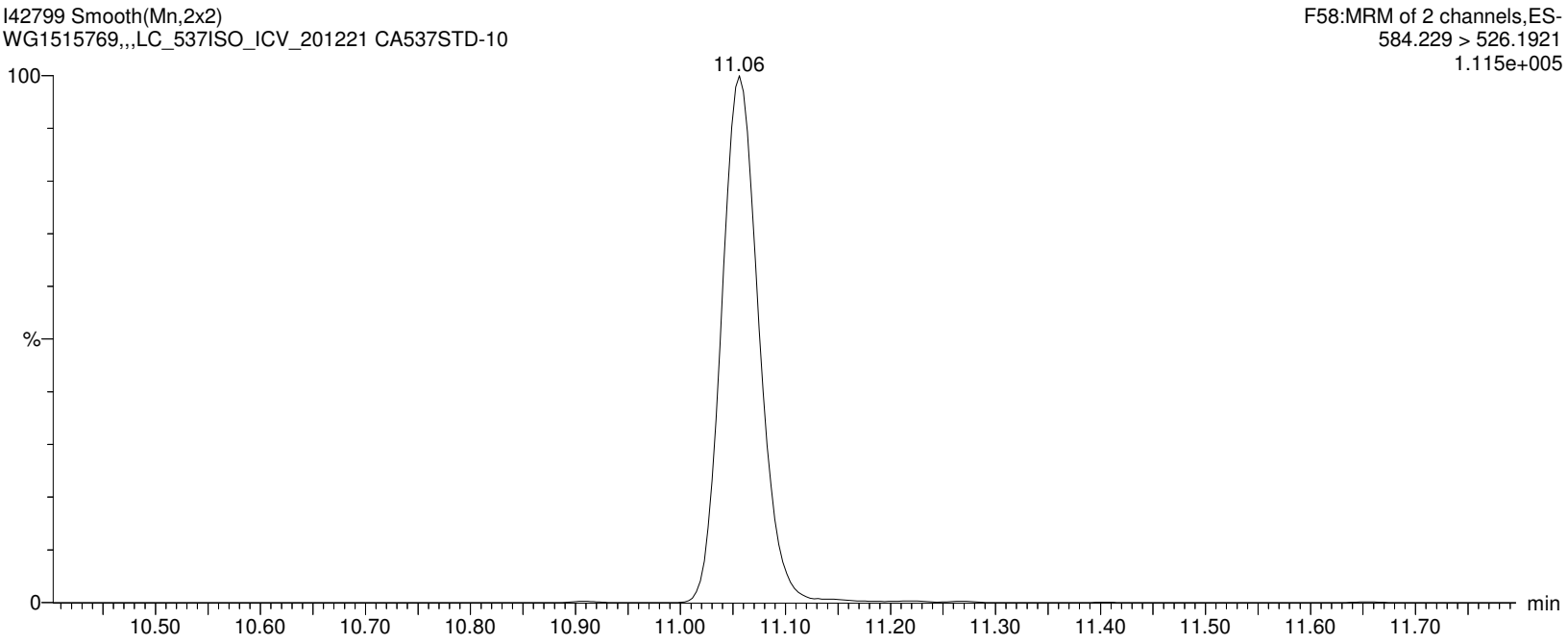
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NEtFOSAA



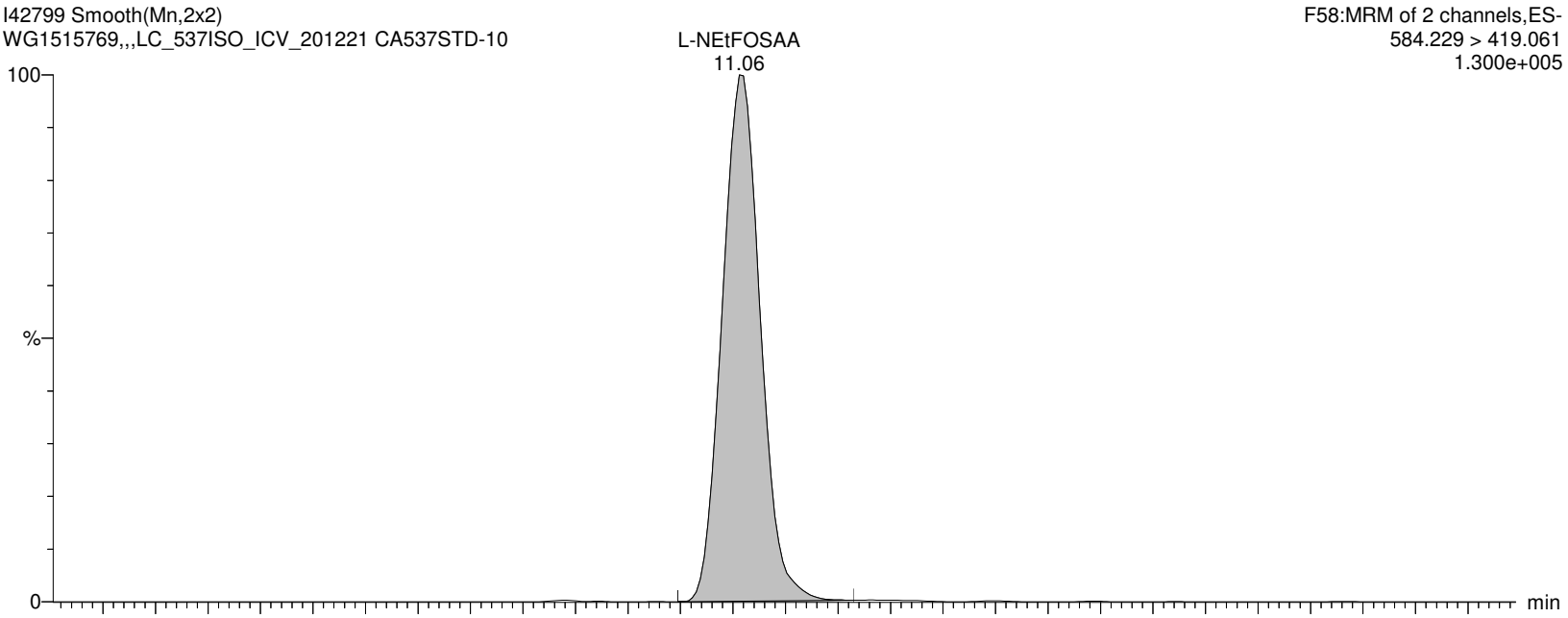


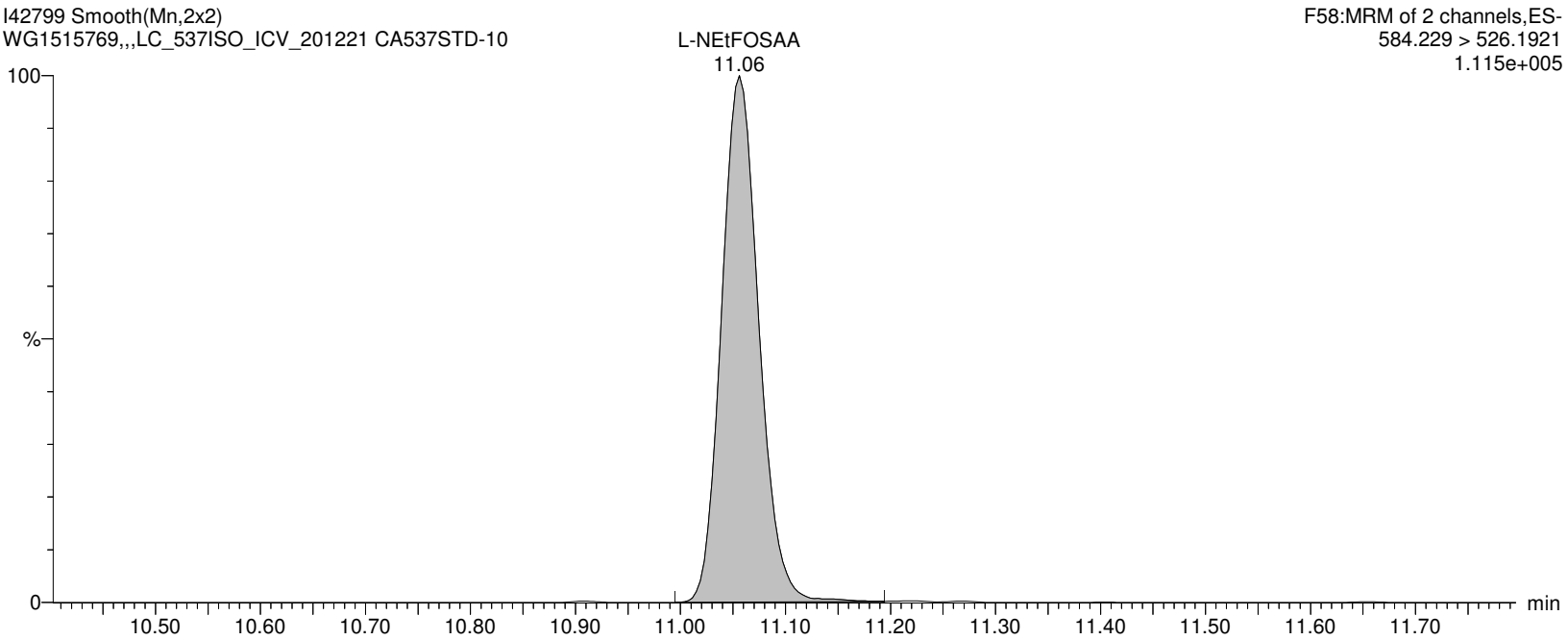
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NEtFOSAA



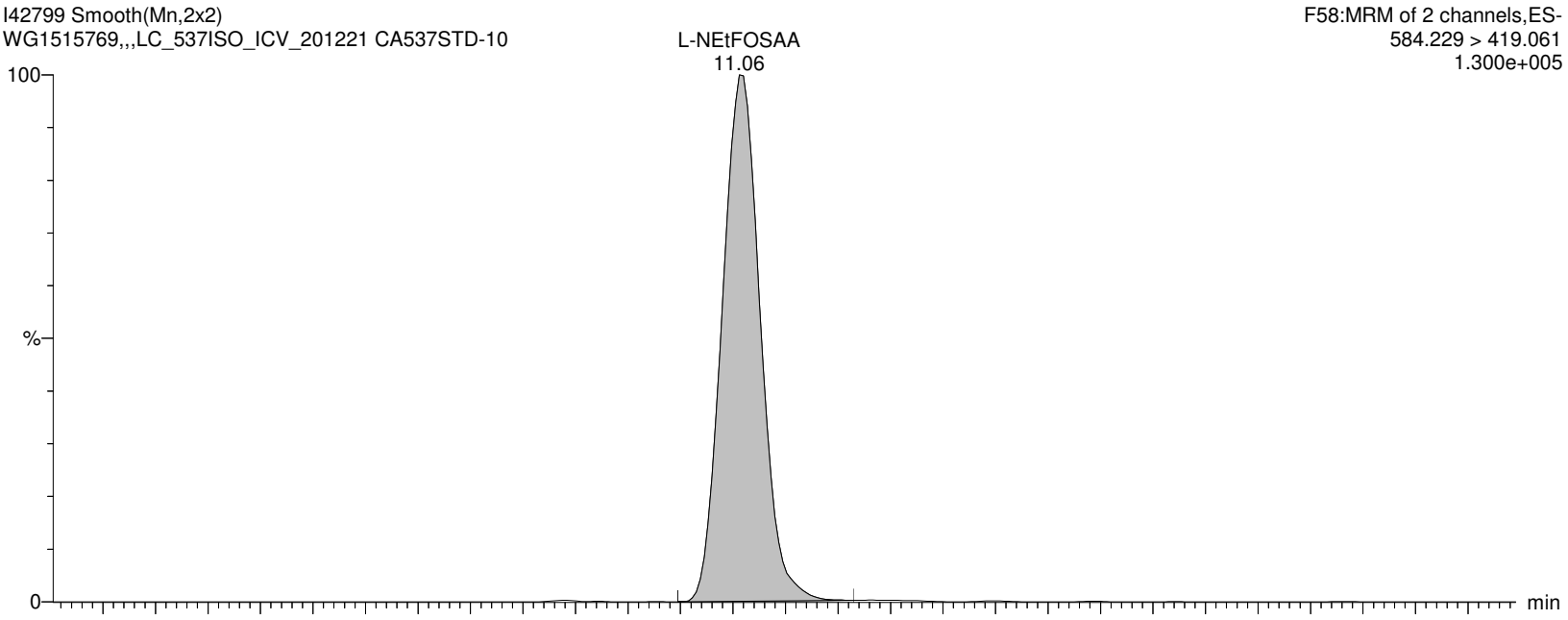


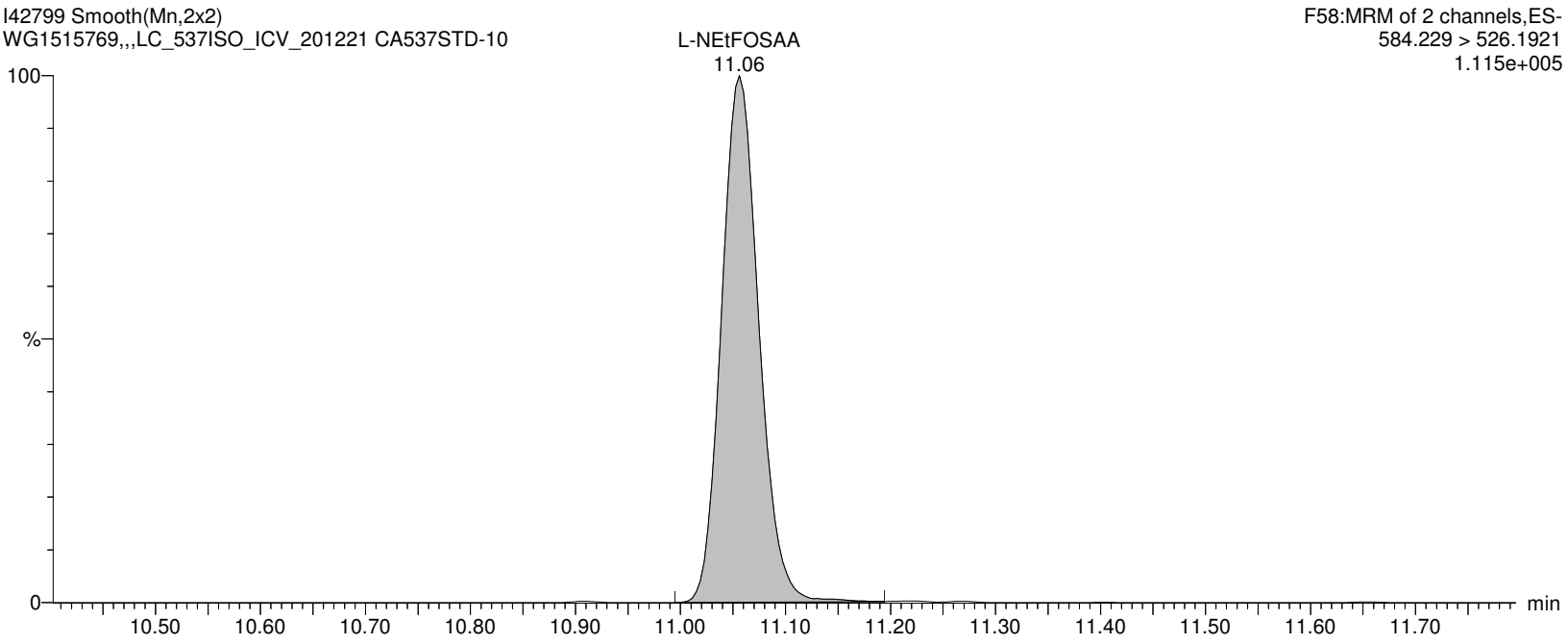
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSAA



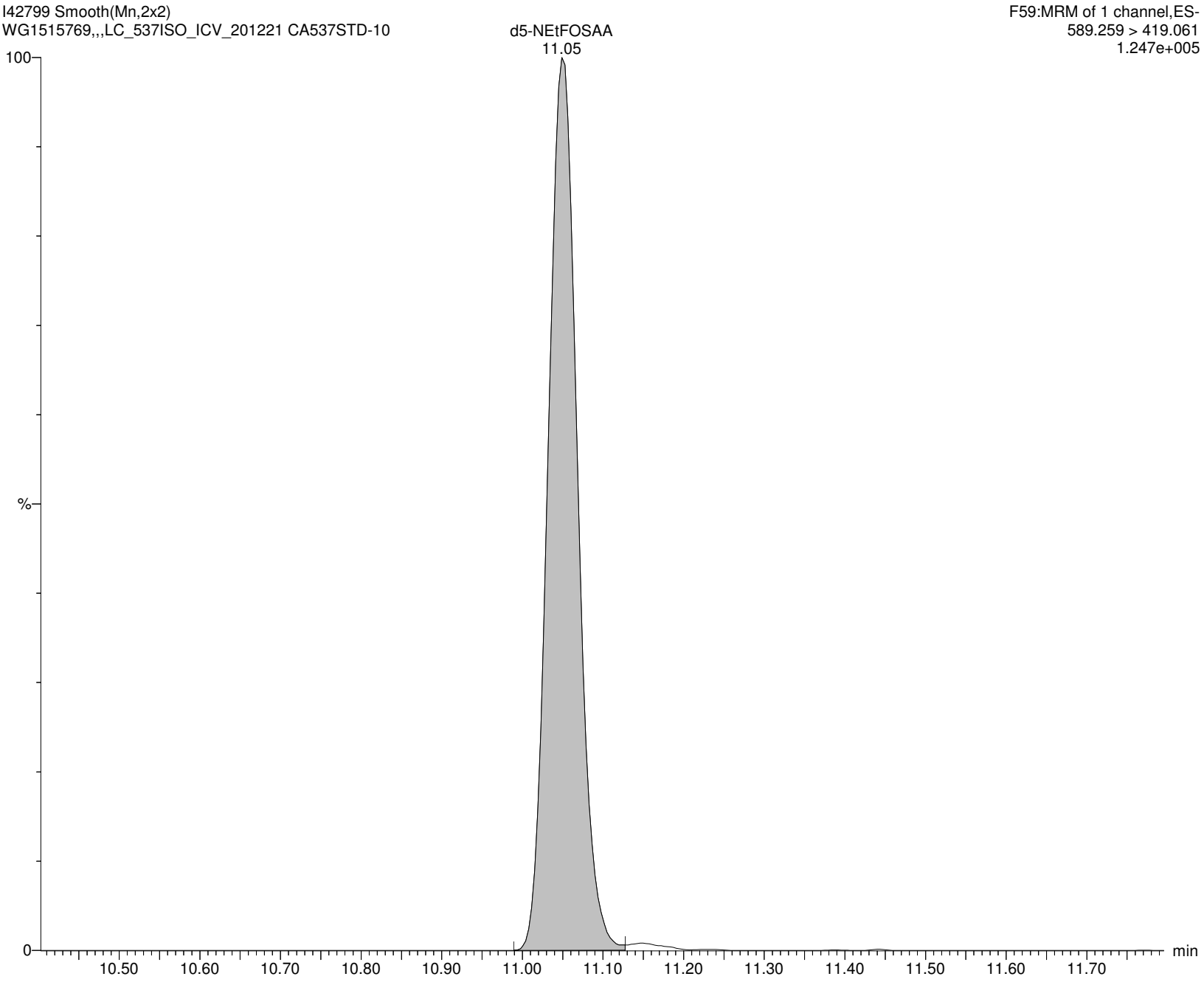


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSAA

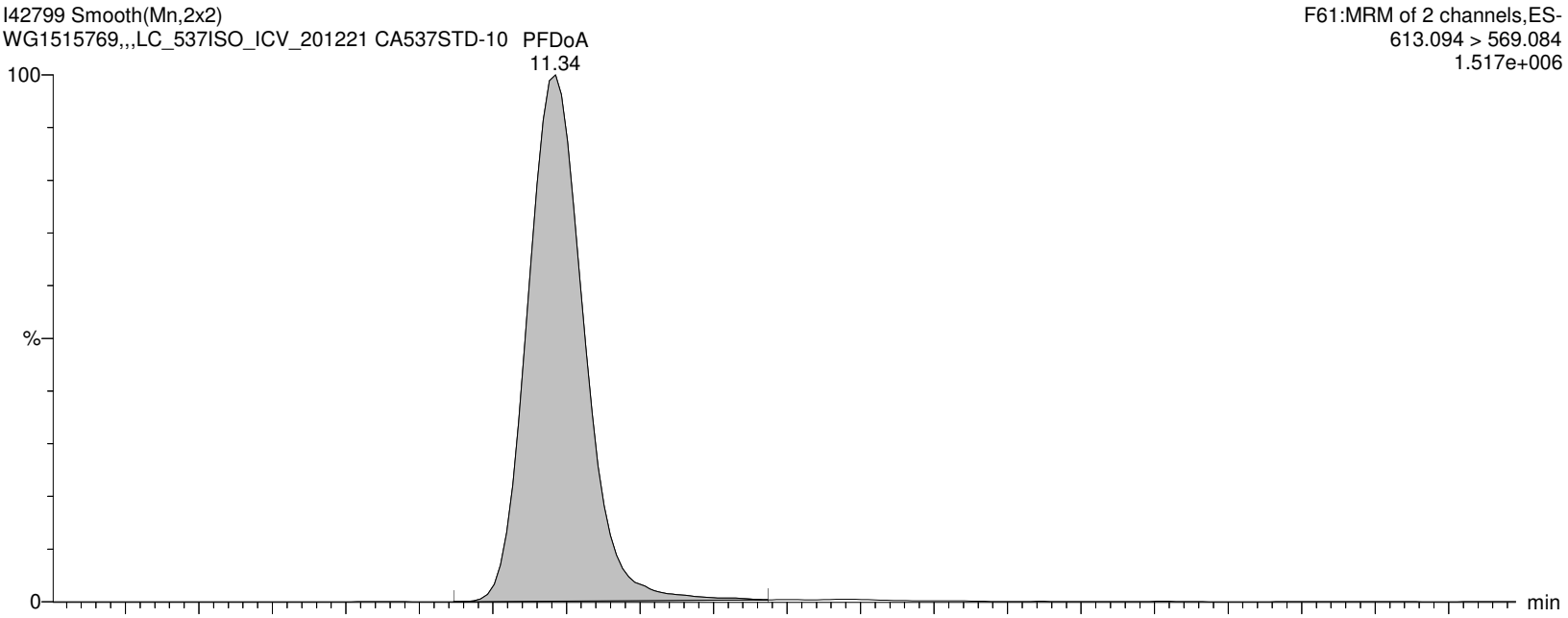


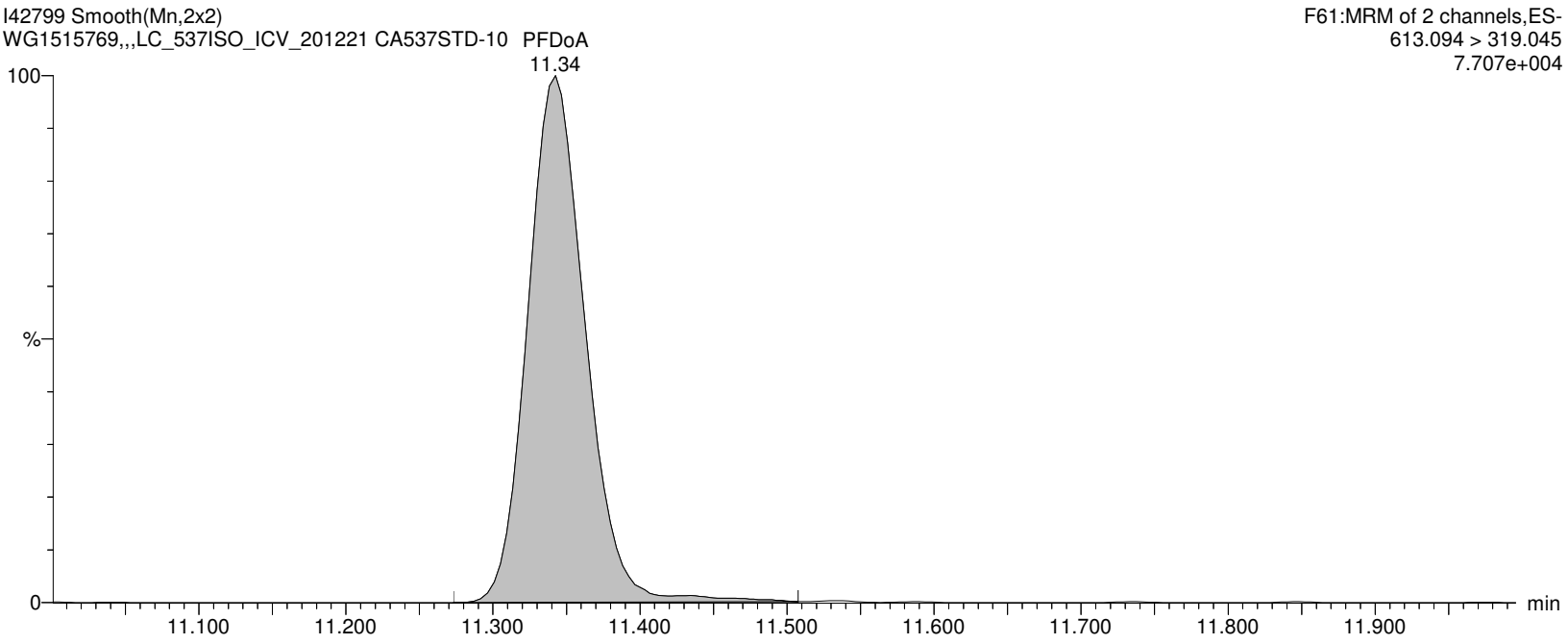
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoA



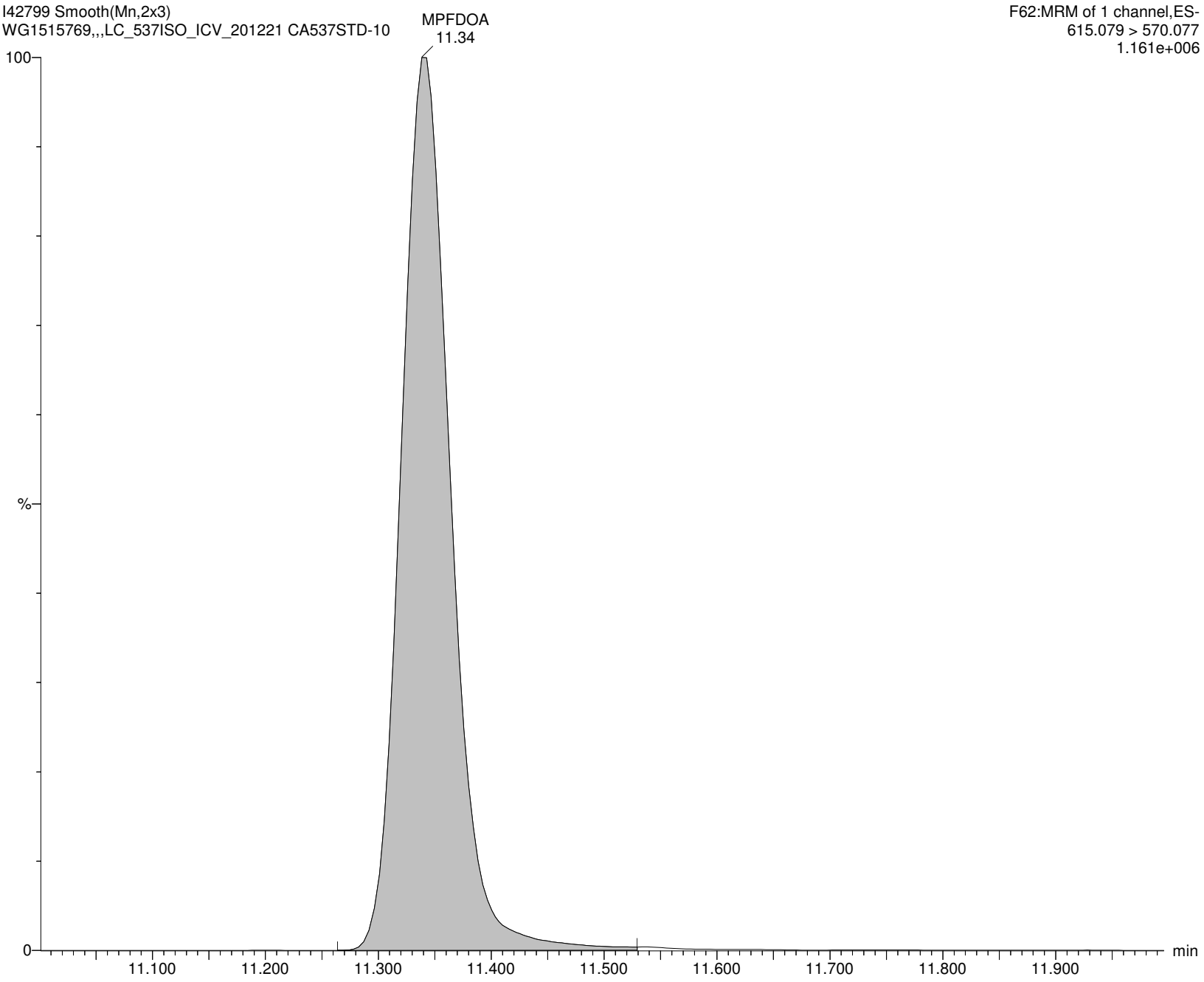


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFDOA

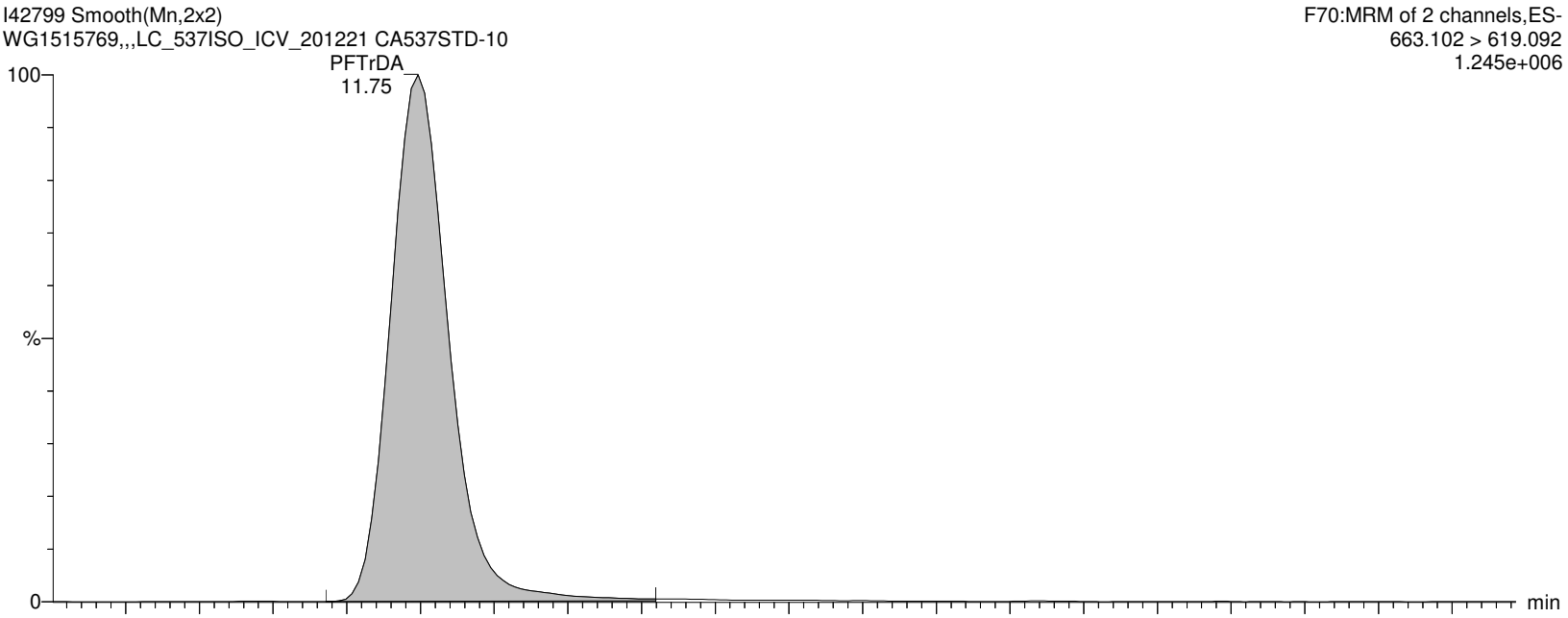


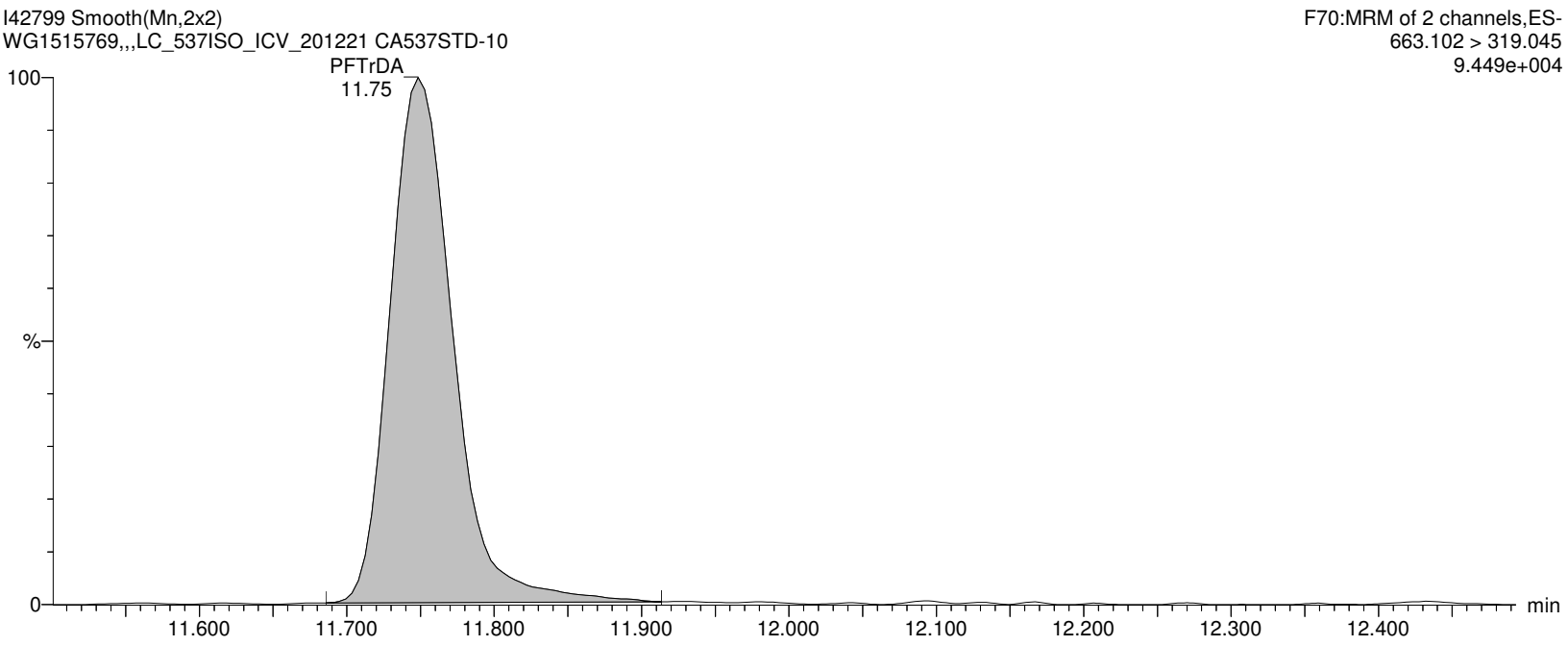
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTrDA



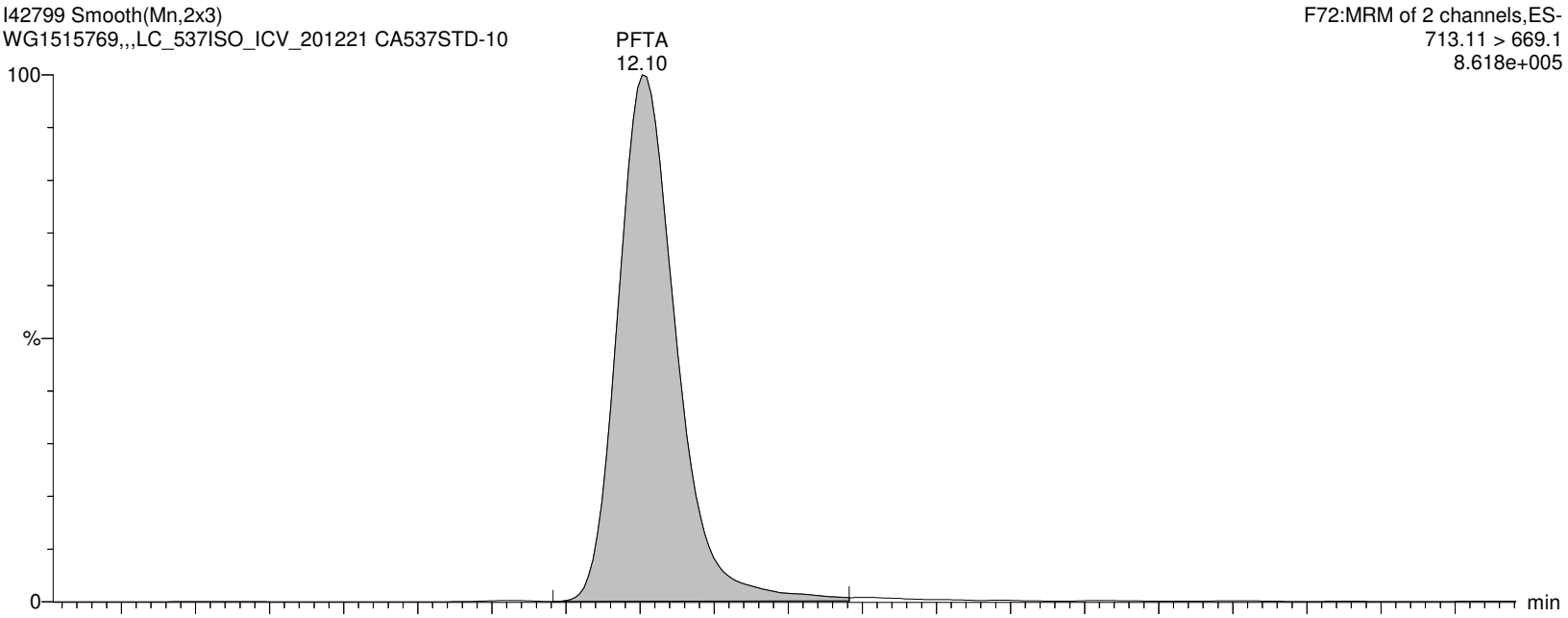


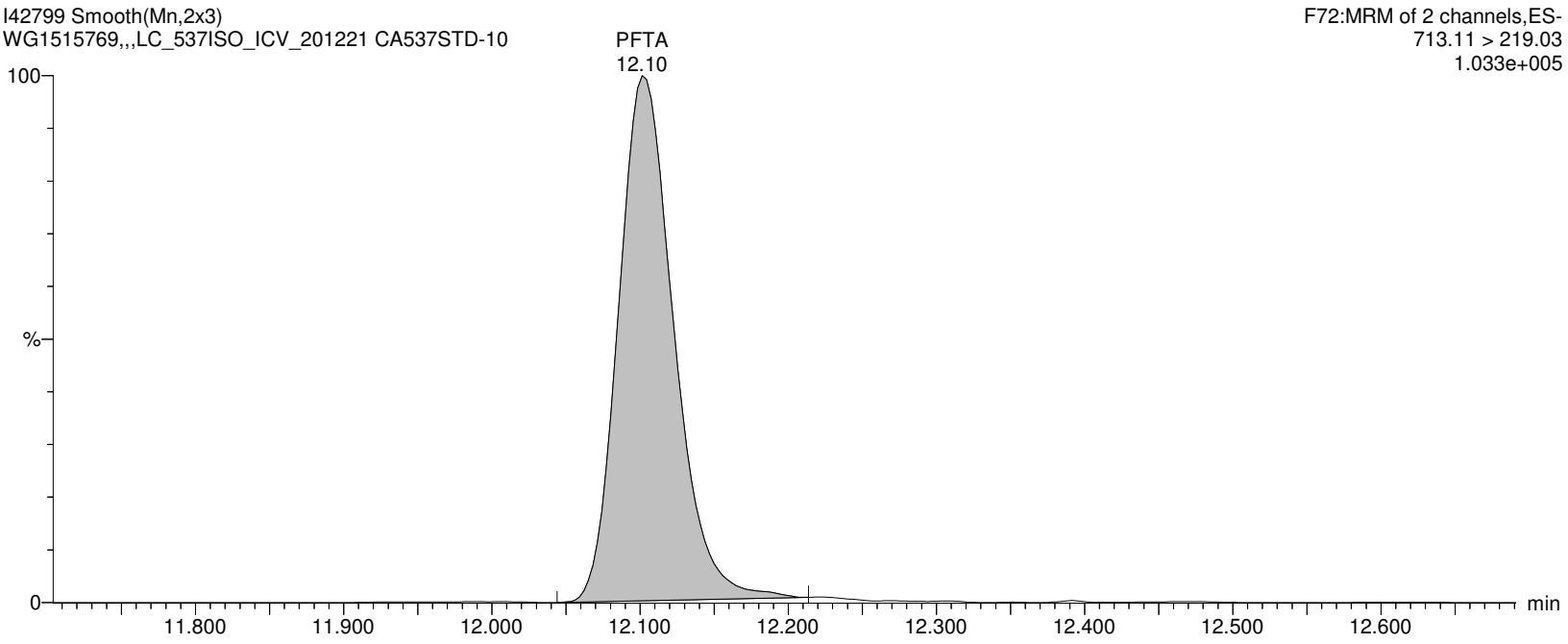
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTA



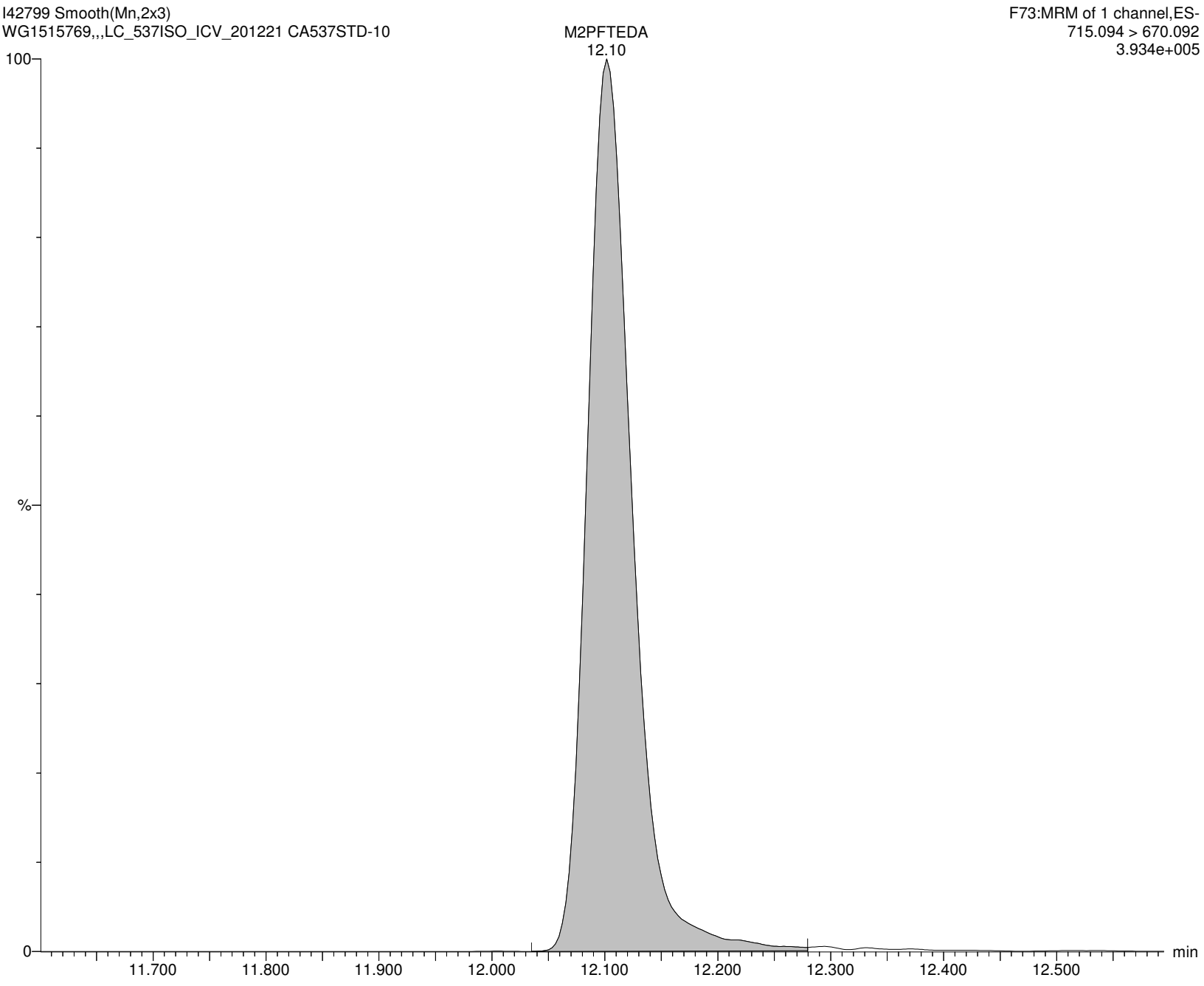


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFTEDA

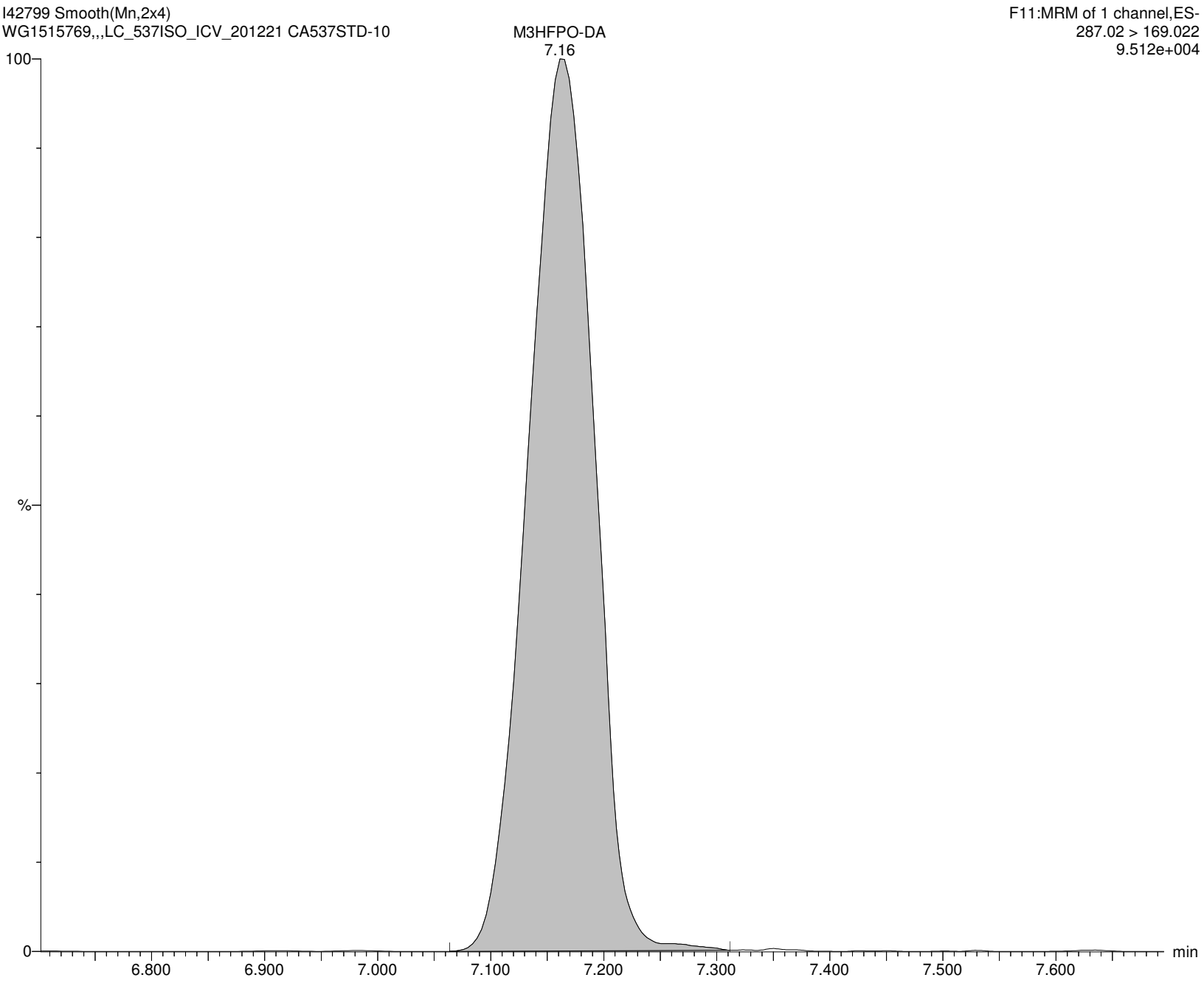


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3HFPO-DA

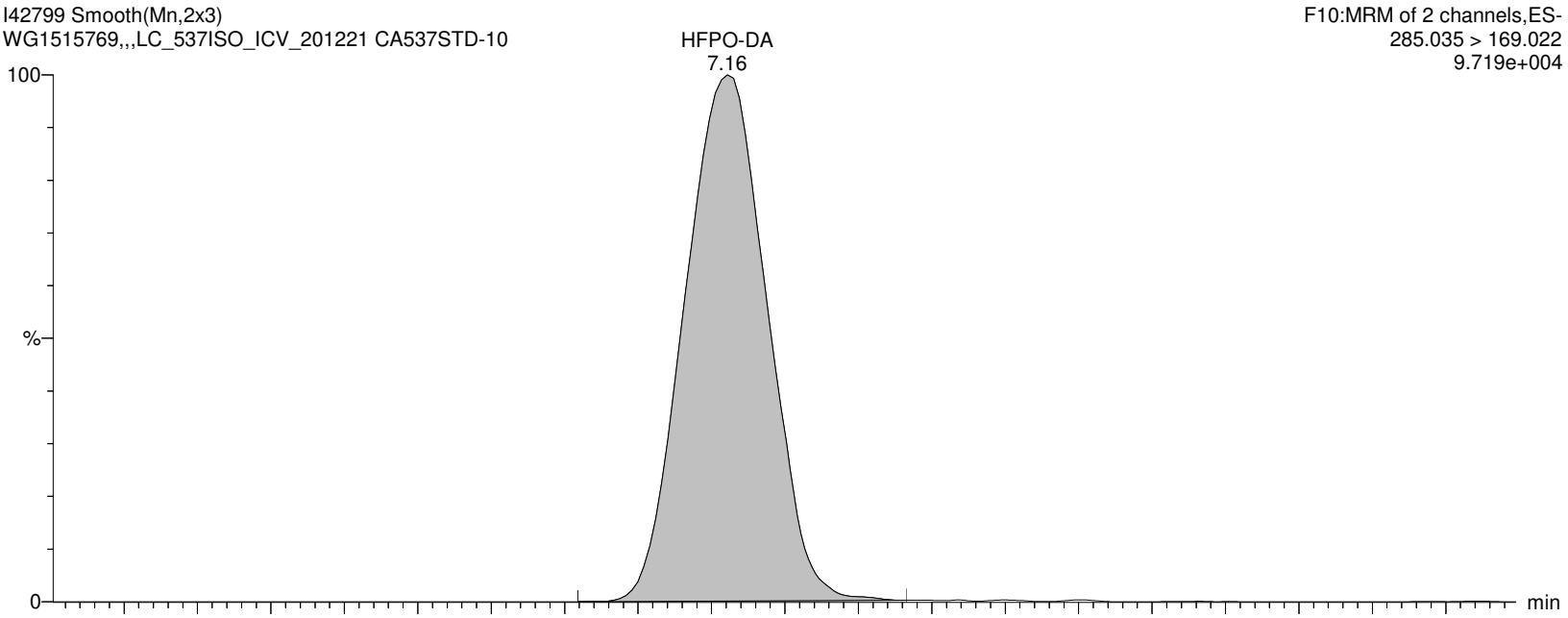


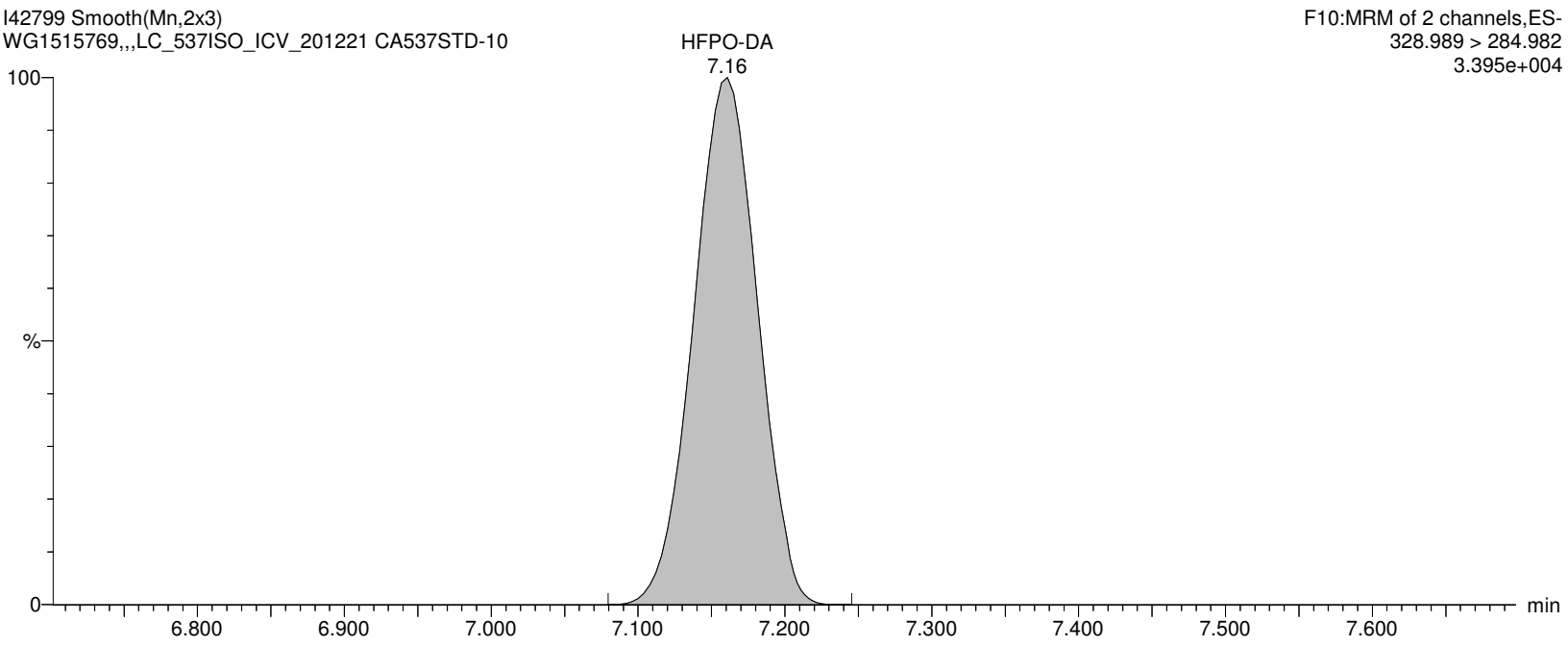
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

HFPO-DA



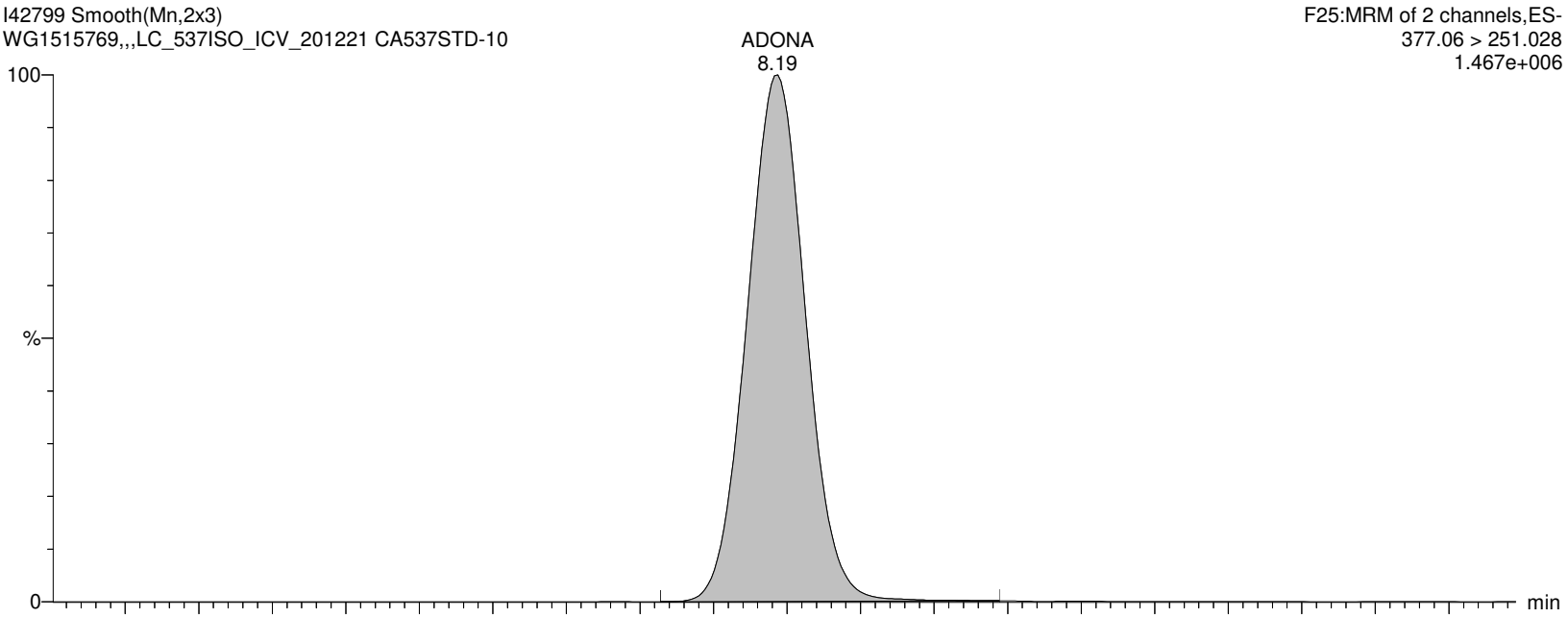


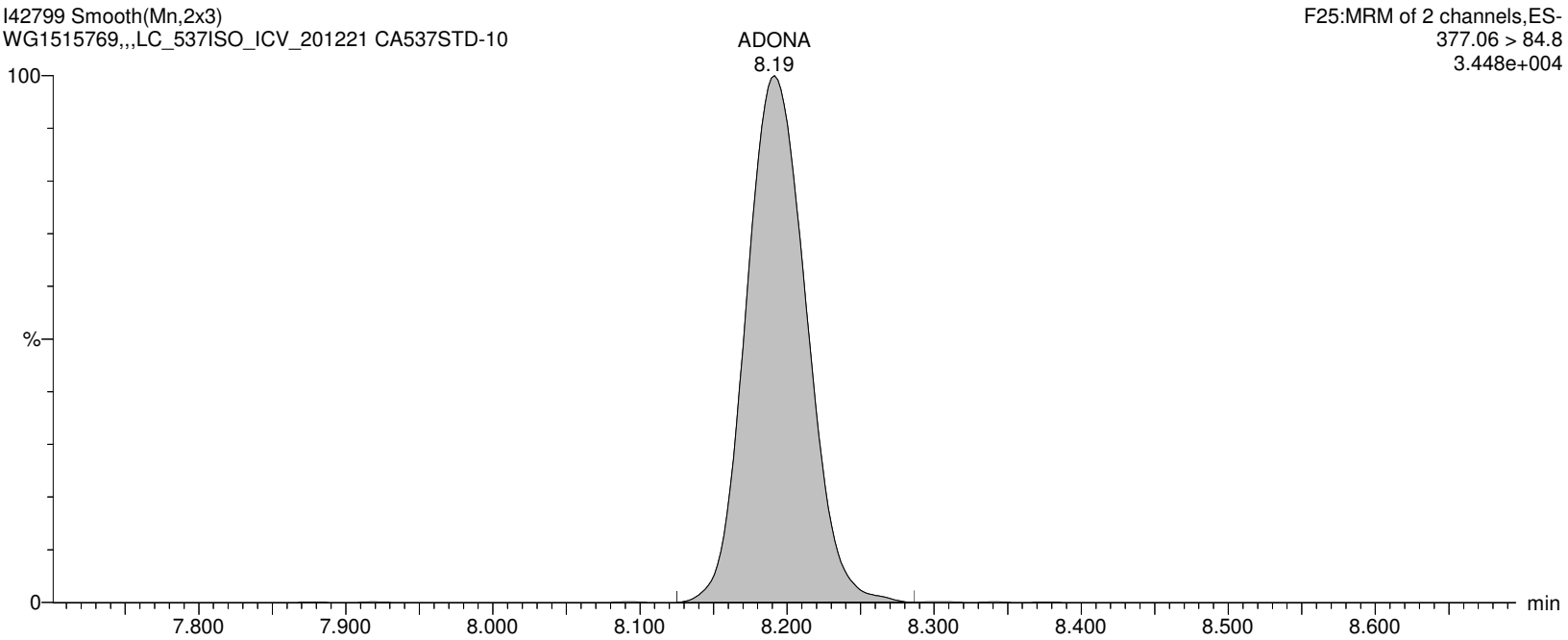
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

ADONA



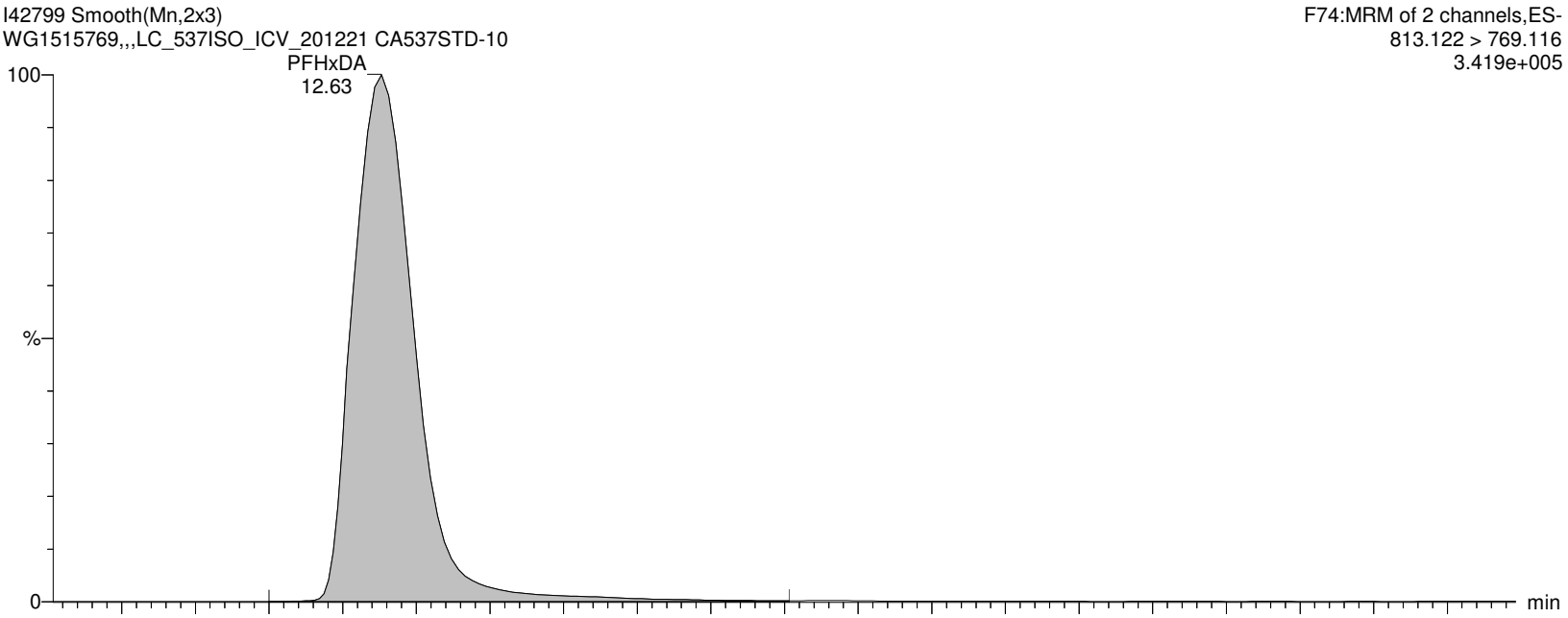


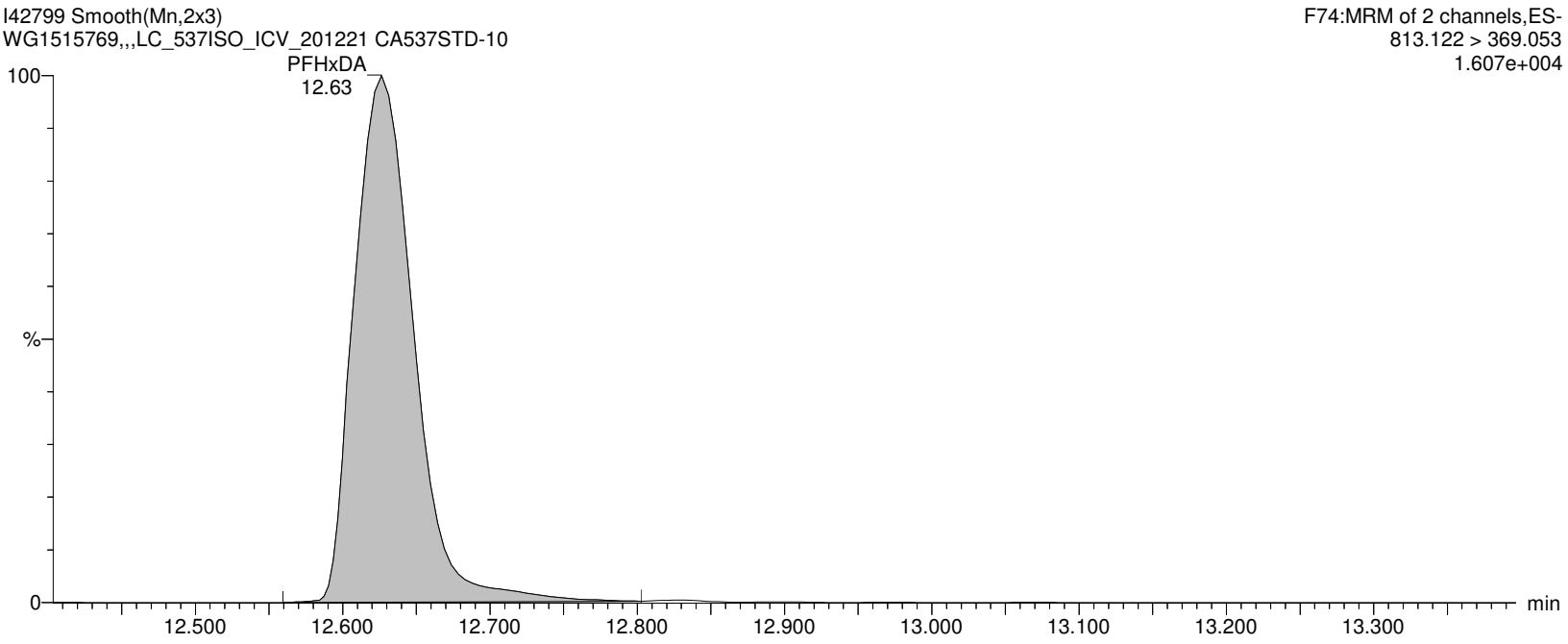
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxDA



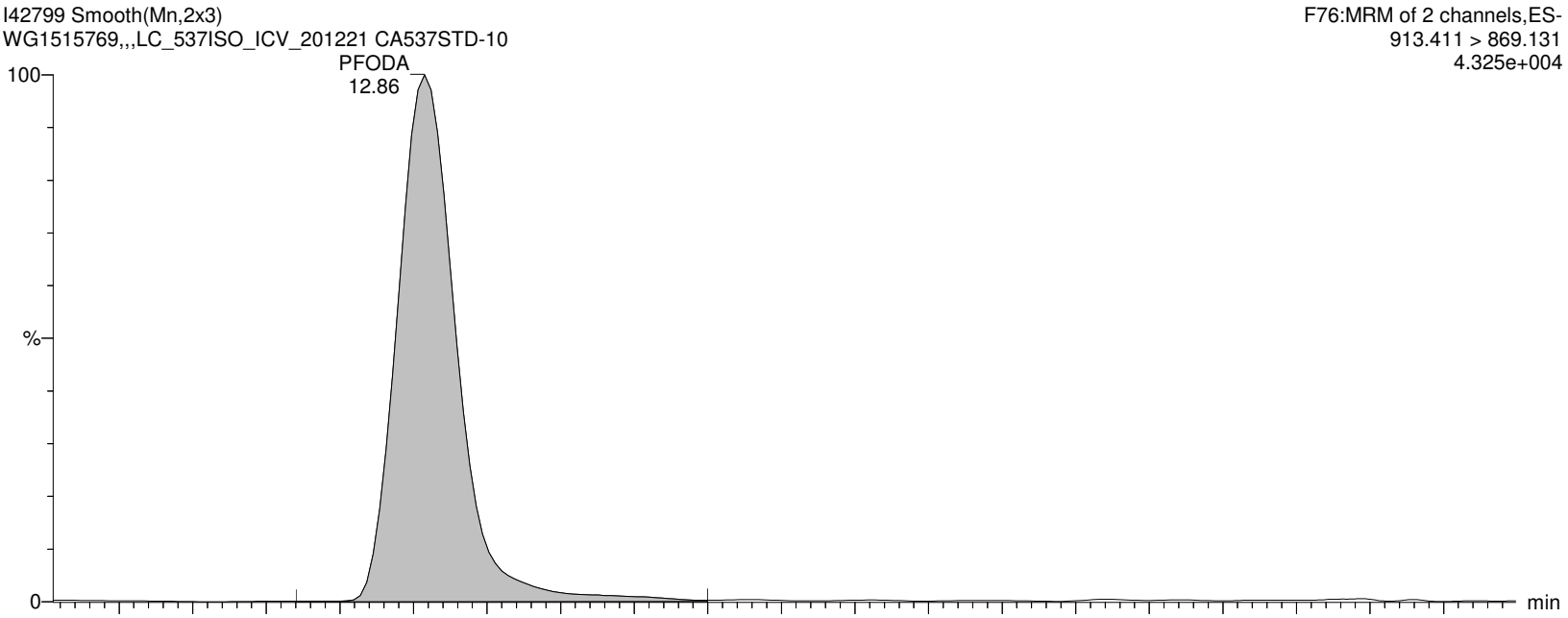


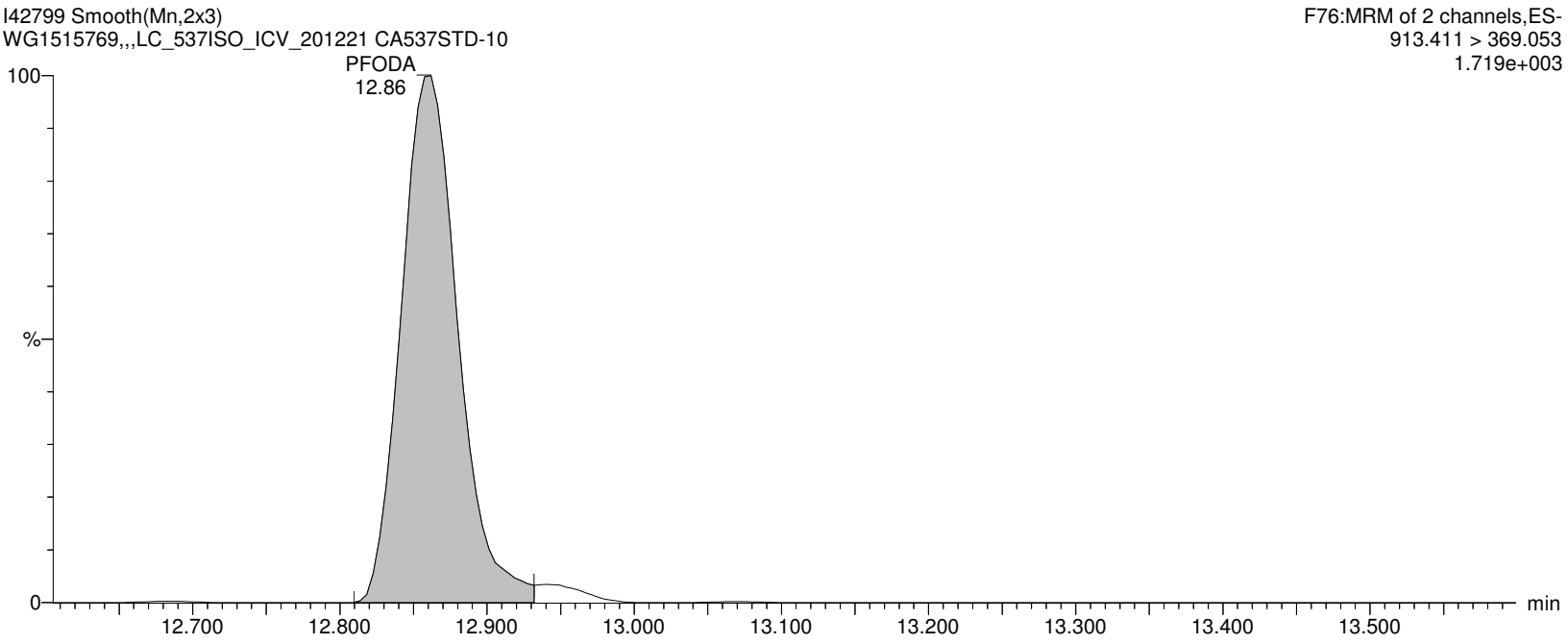
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFODA



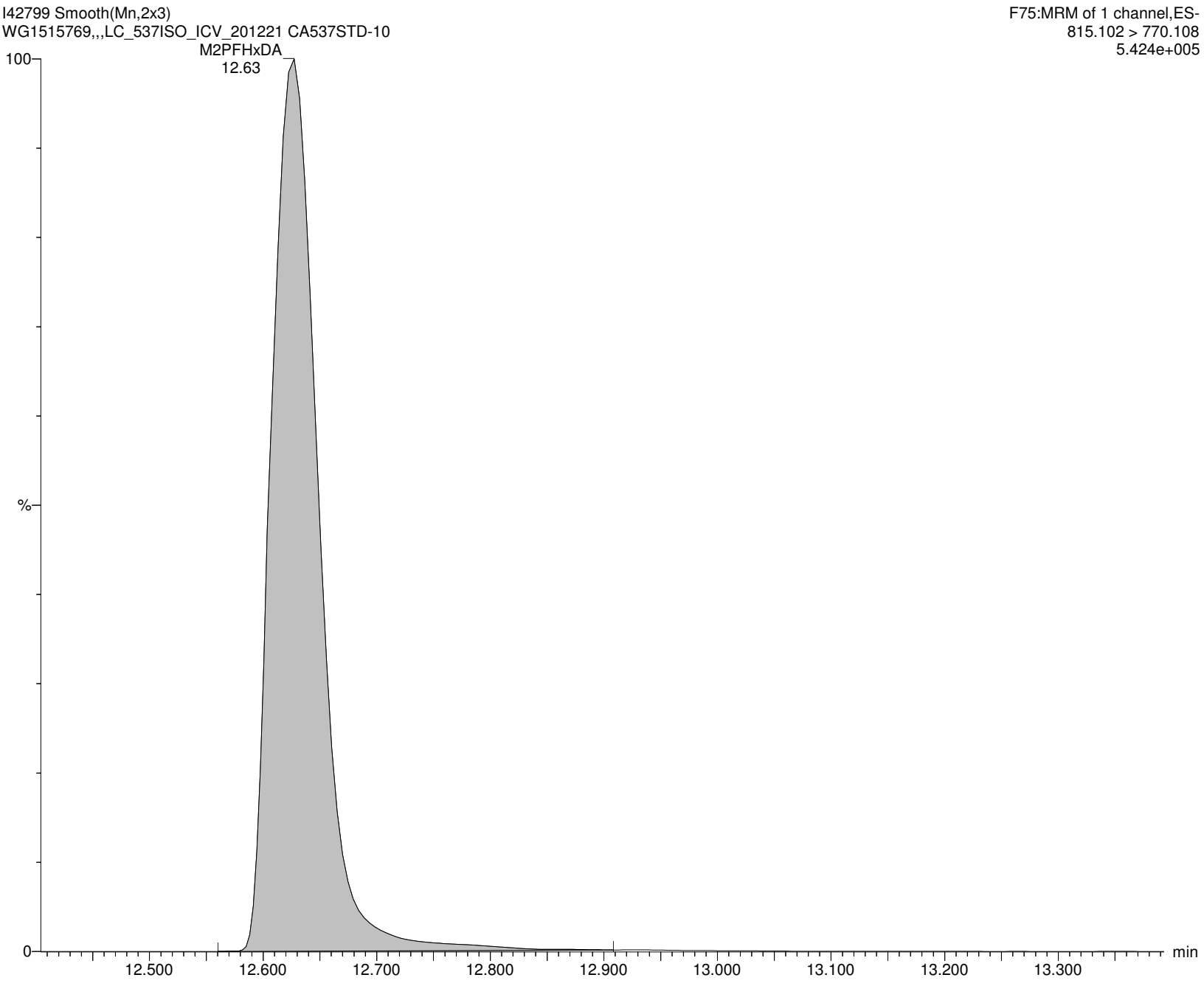


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFHxDA

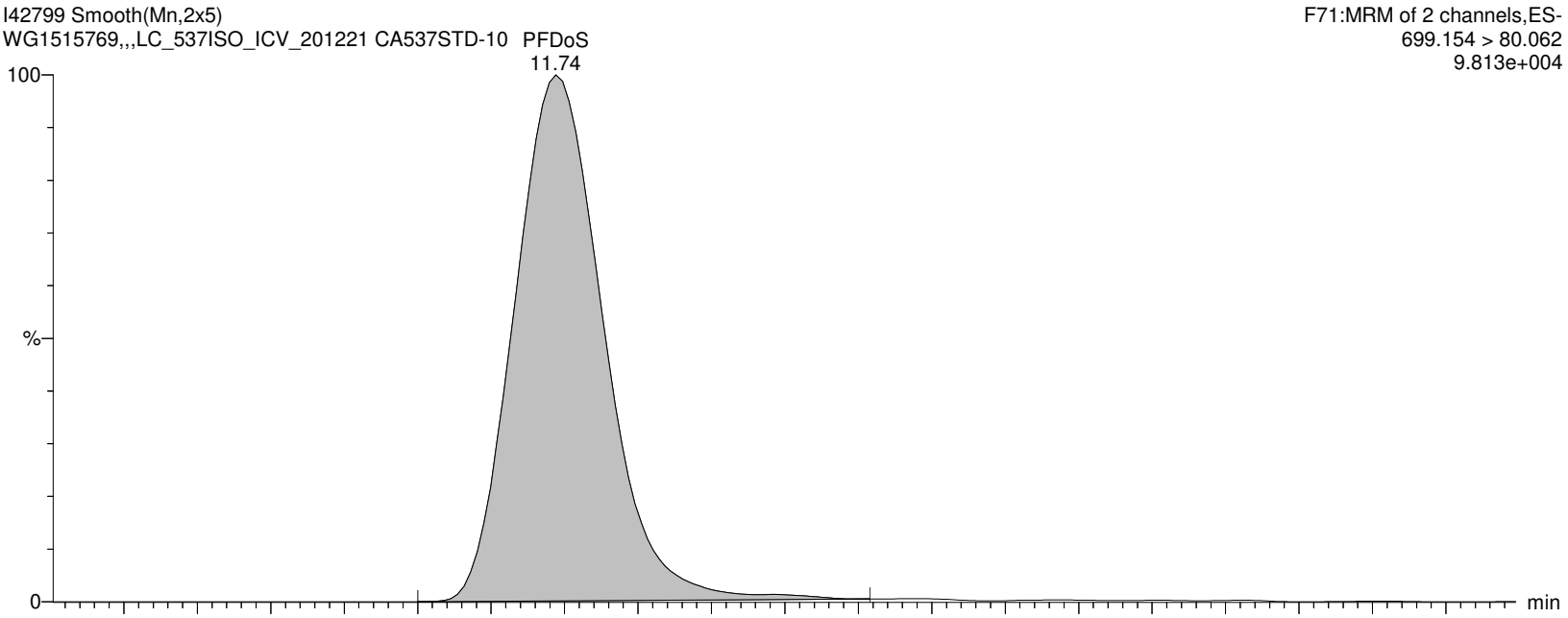


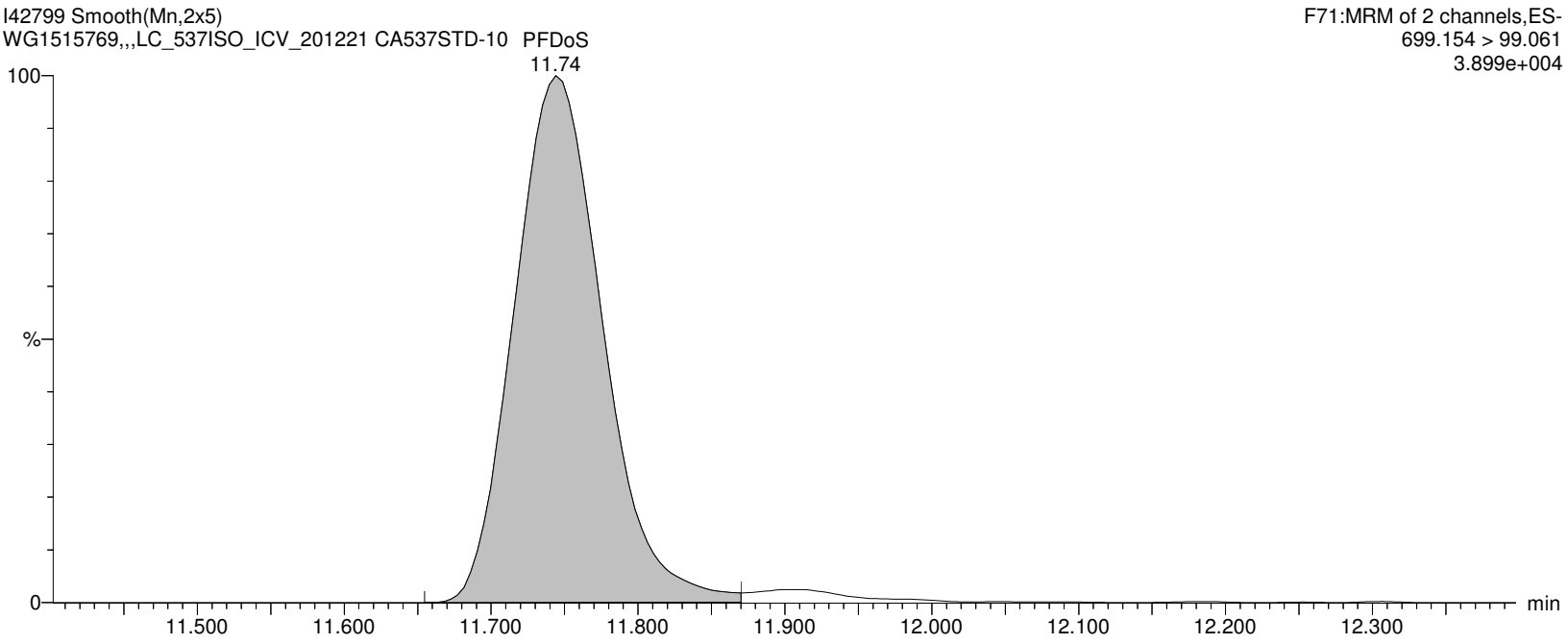
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoS



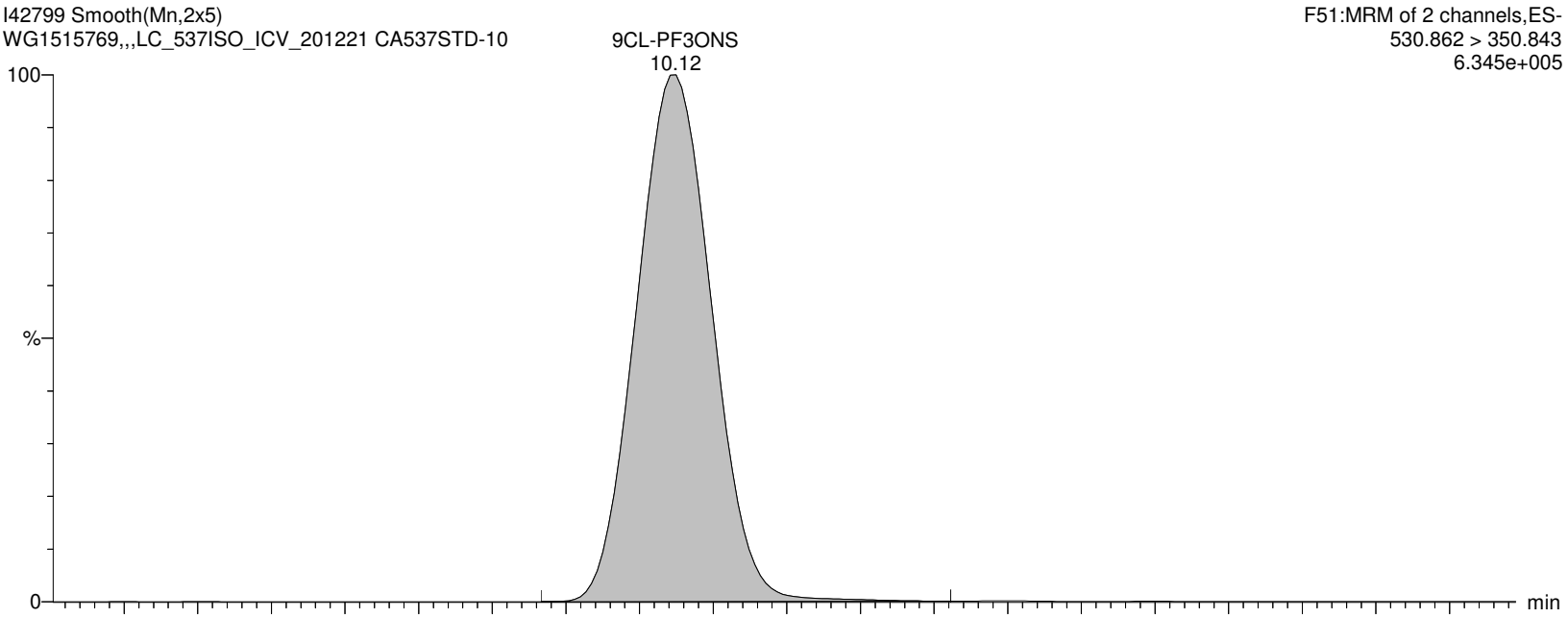


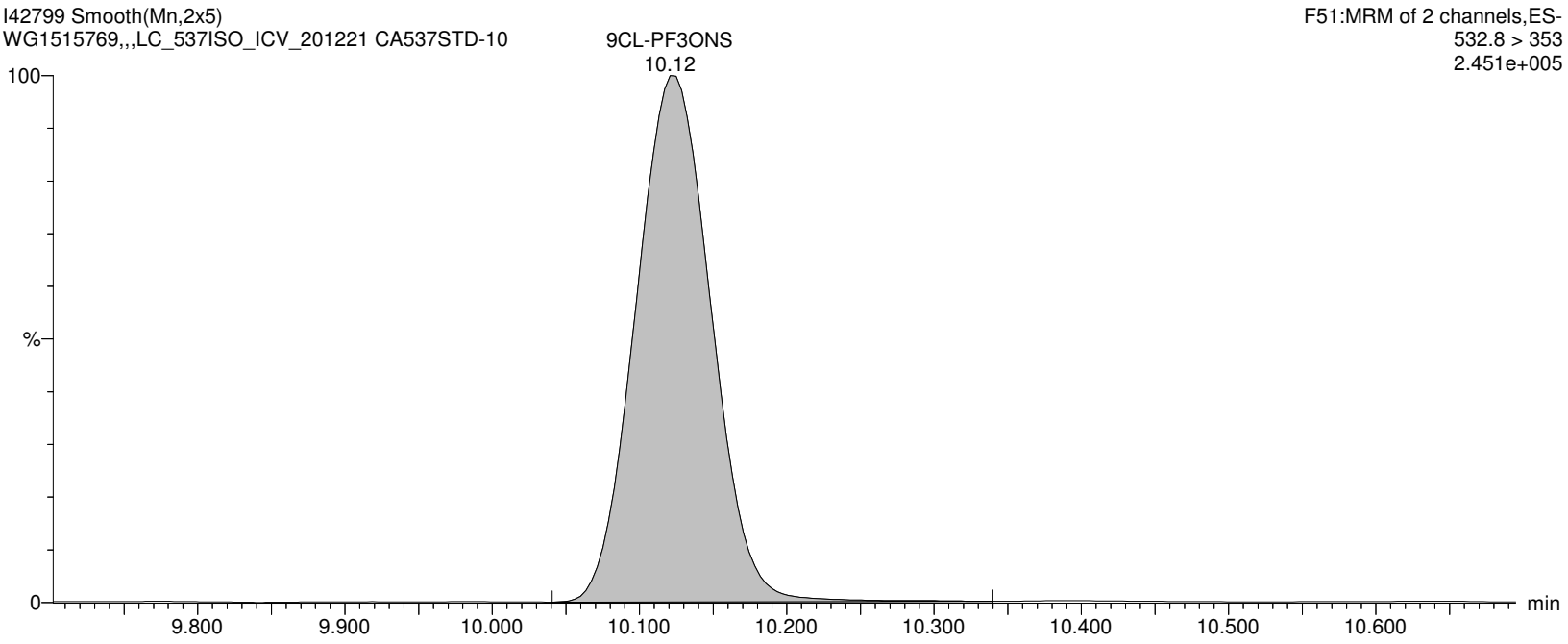
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

9CL-PF3ONS



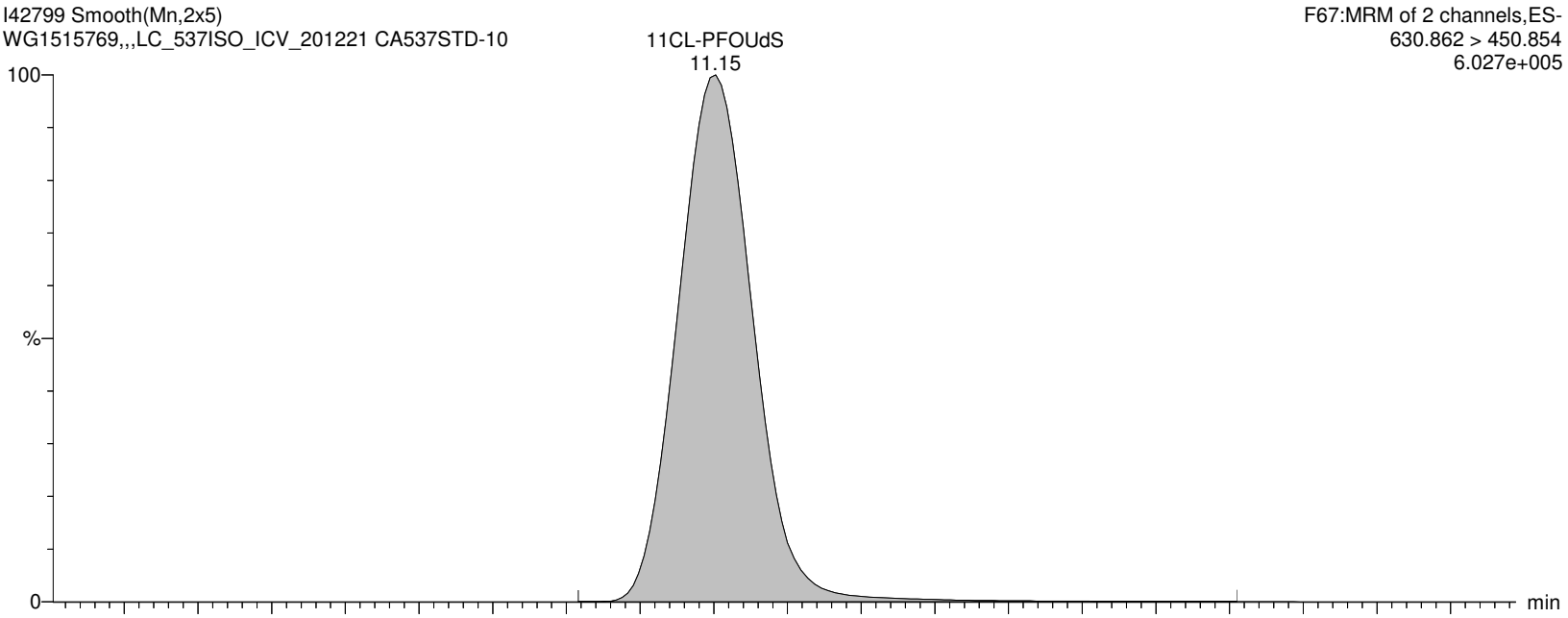


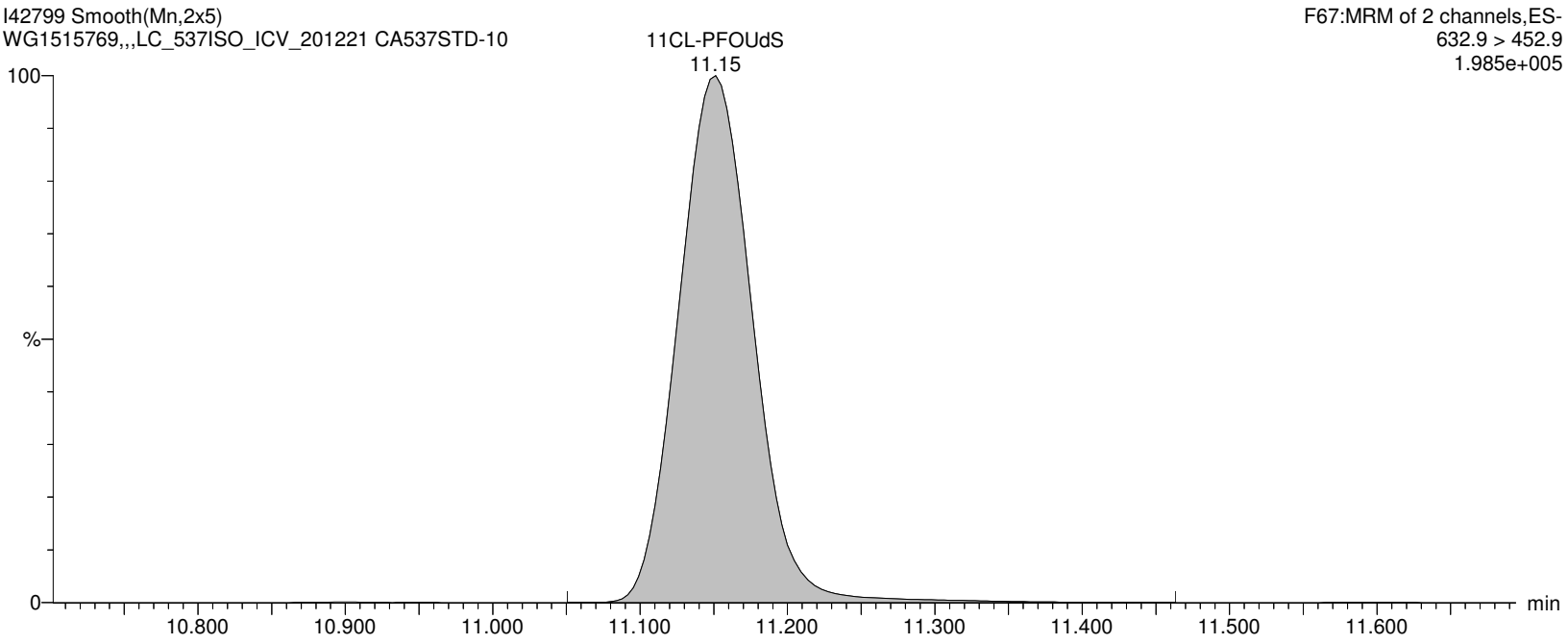
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

11CL-PFOUdS



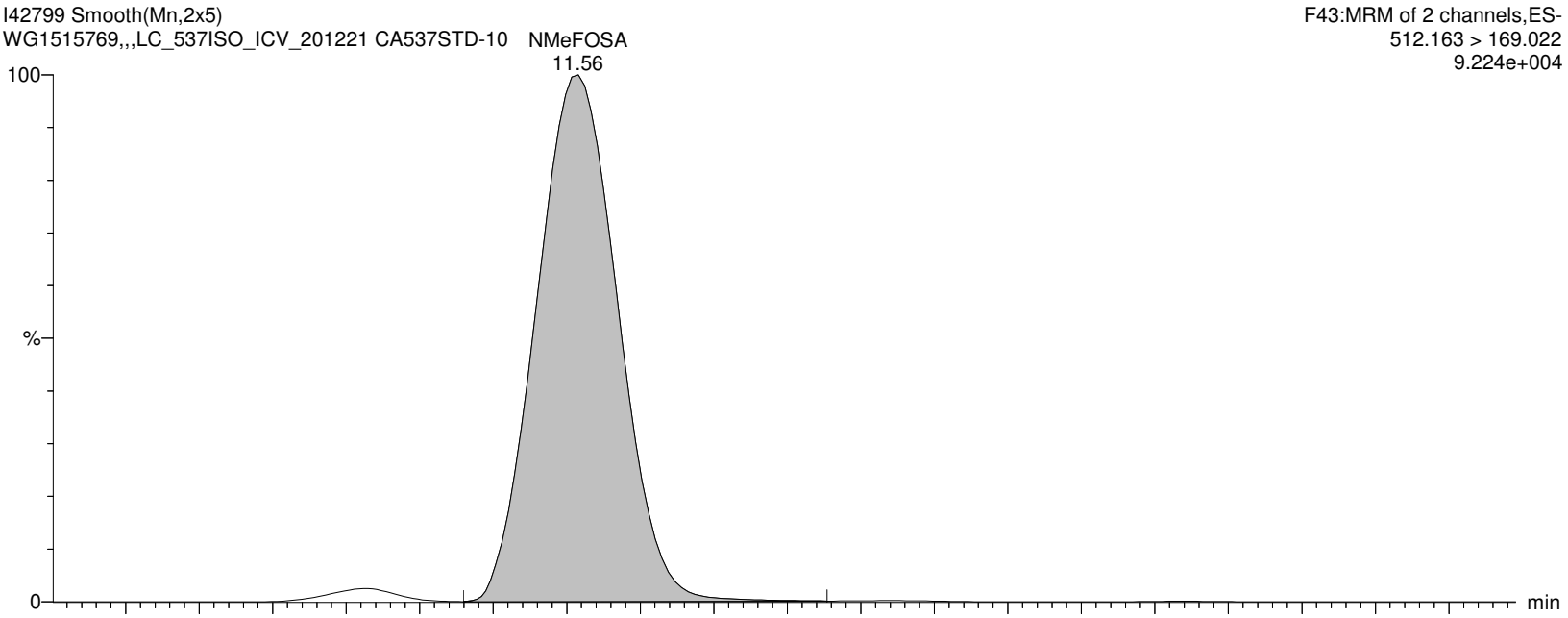


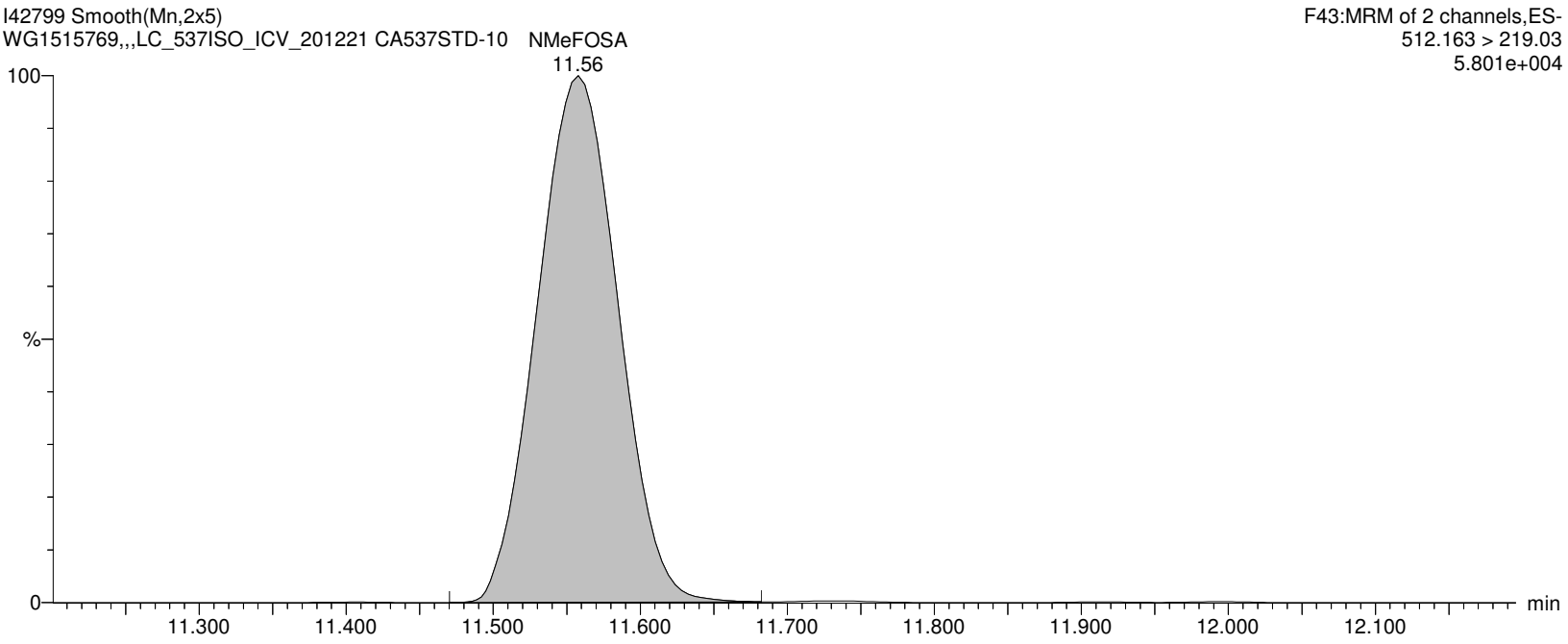
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSA



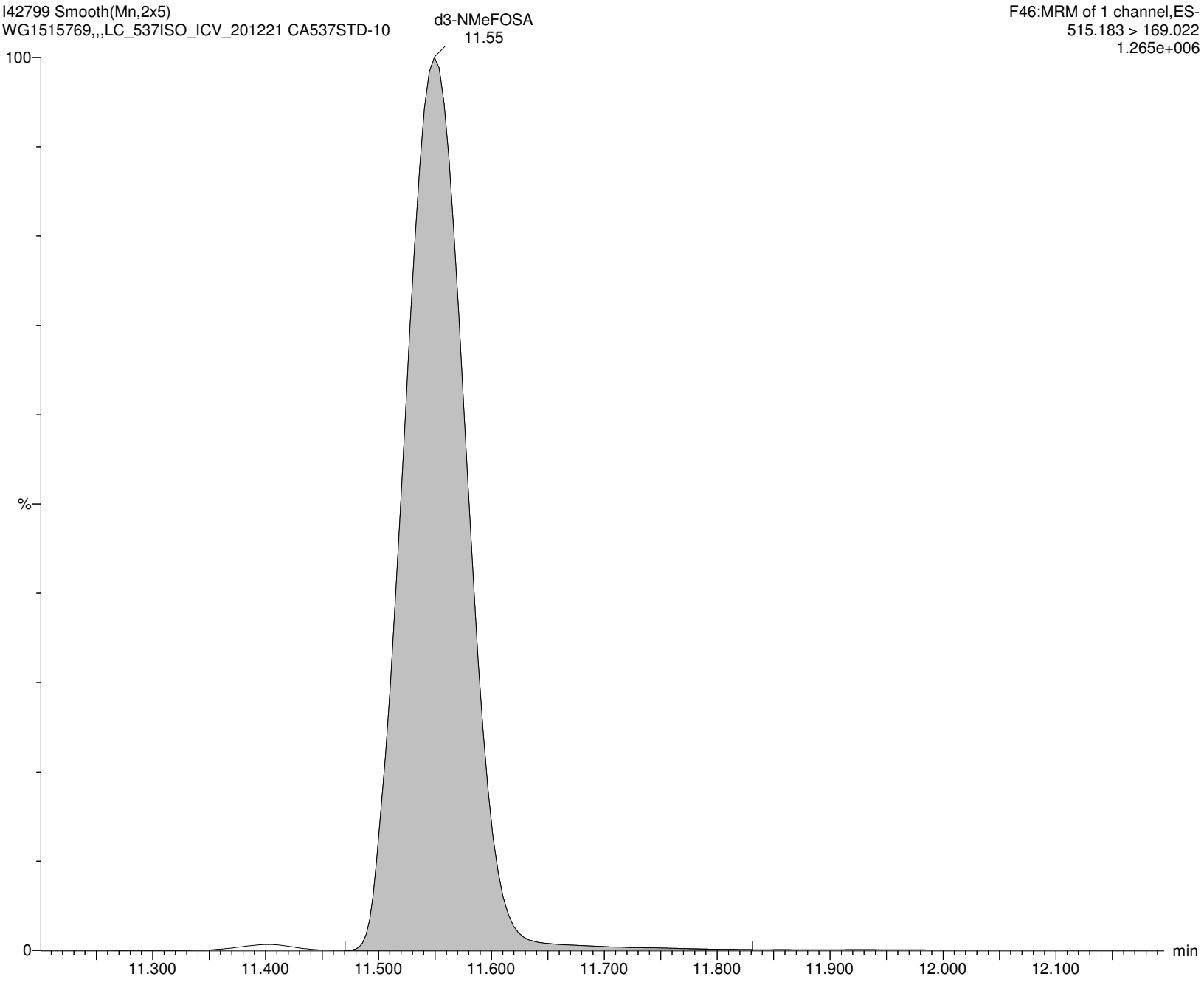


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSA

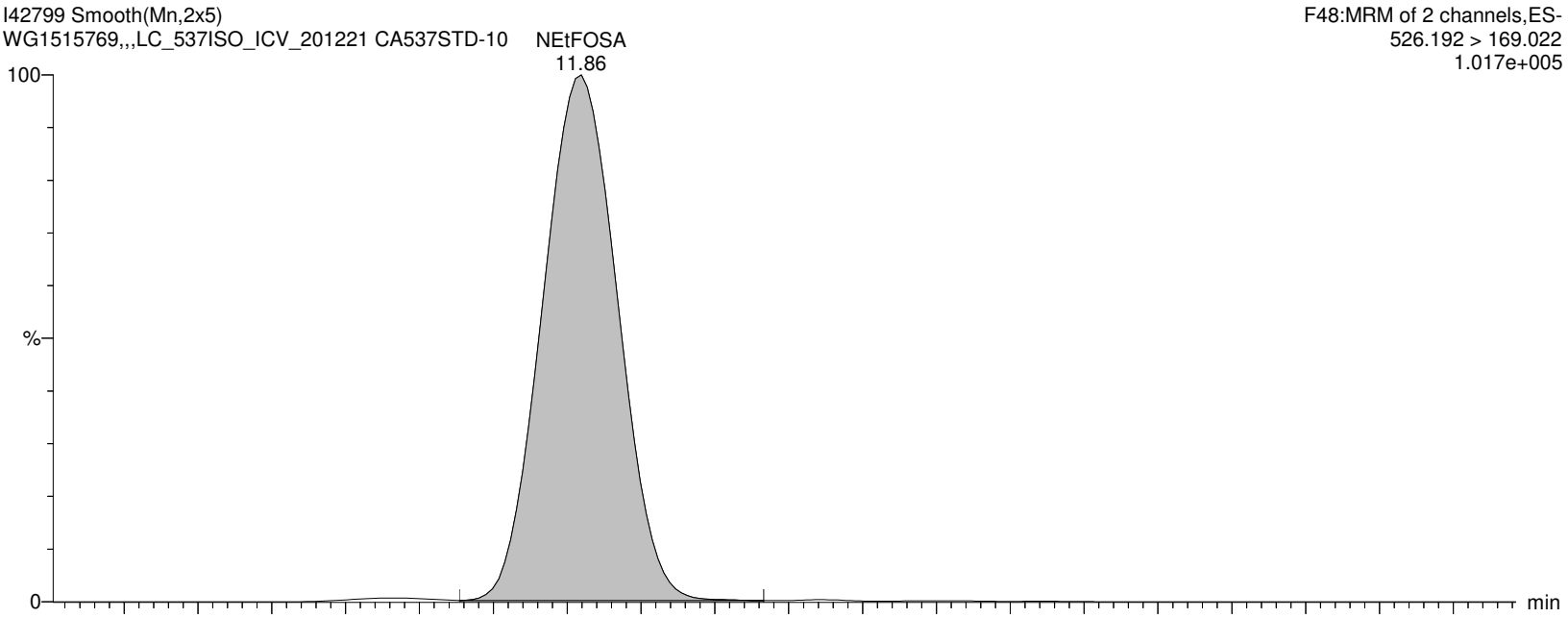


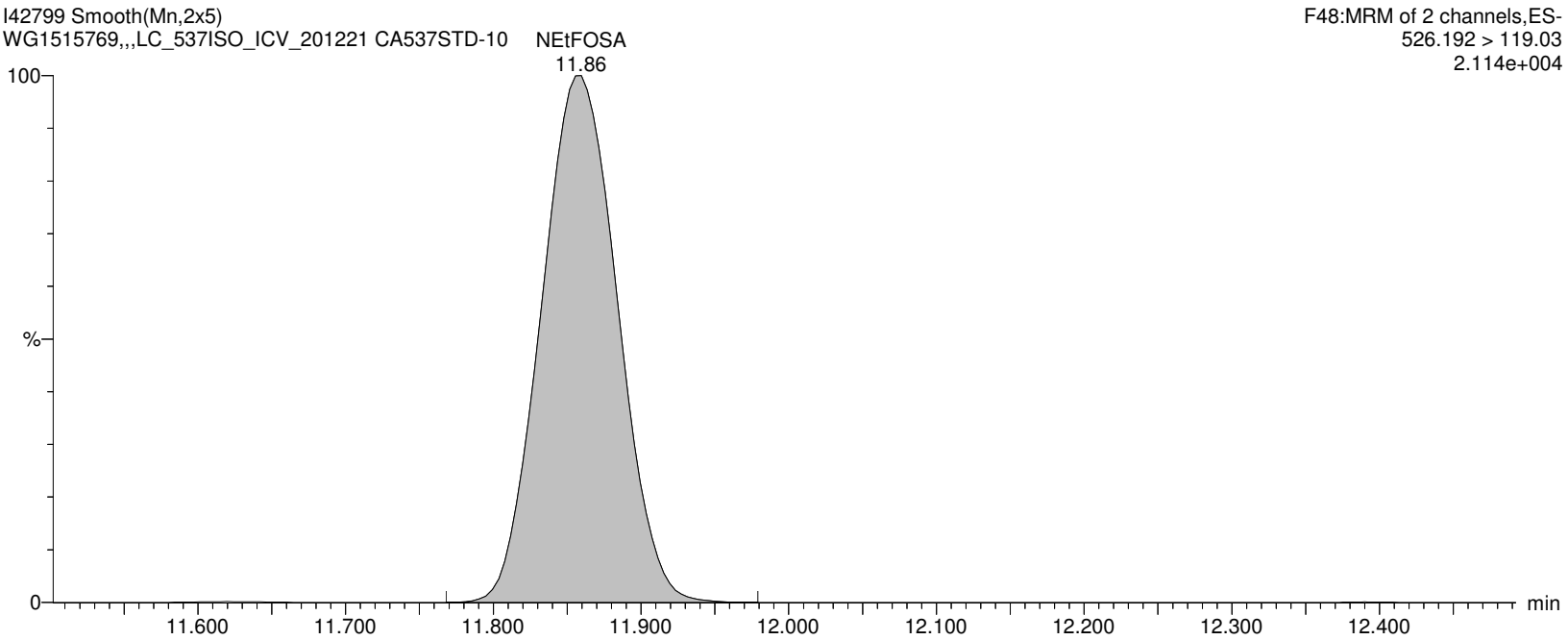
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSA



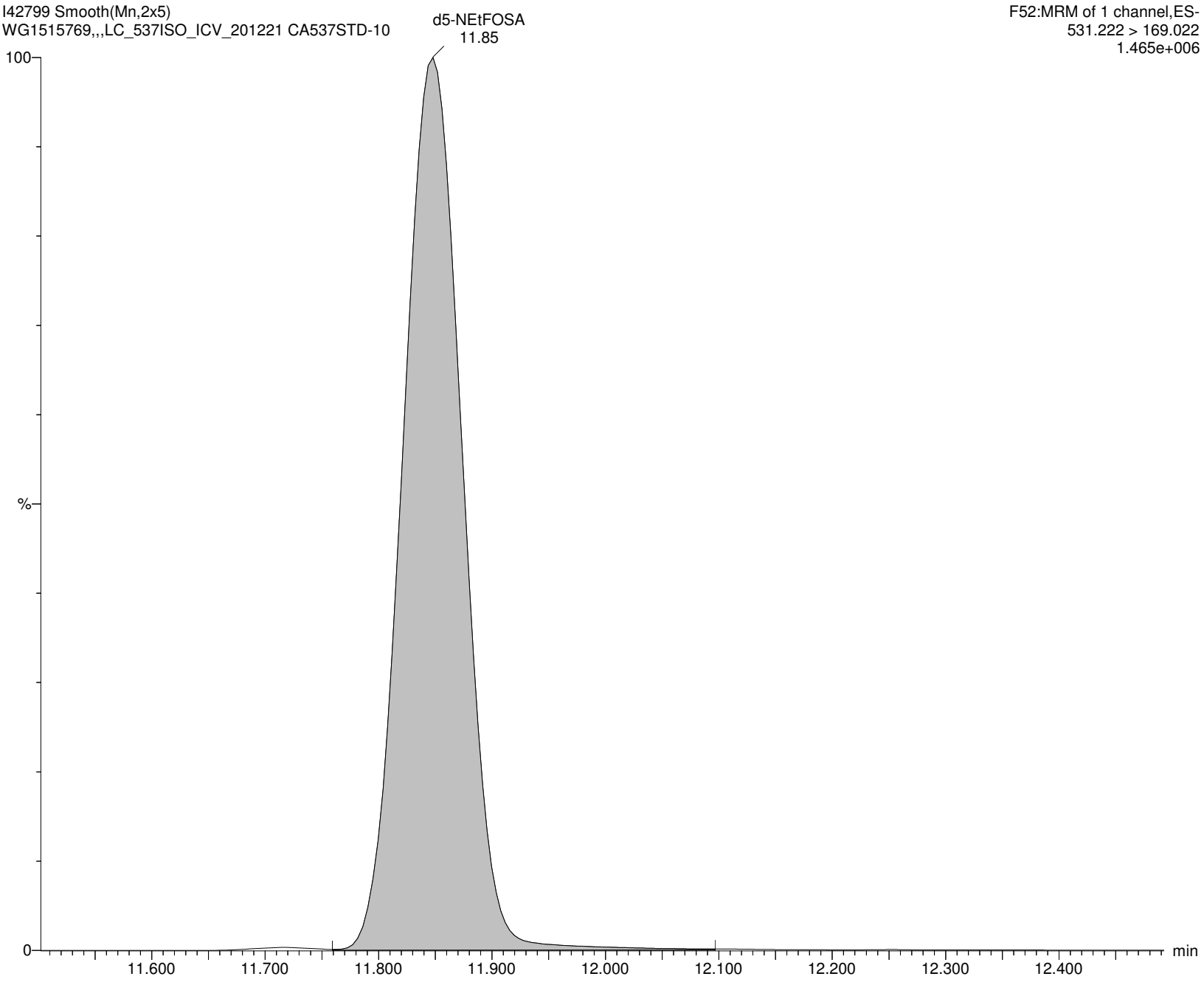


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSA

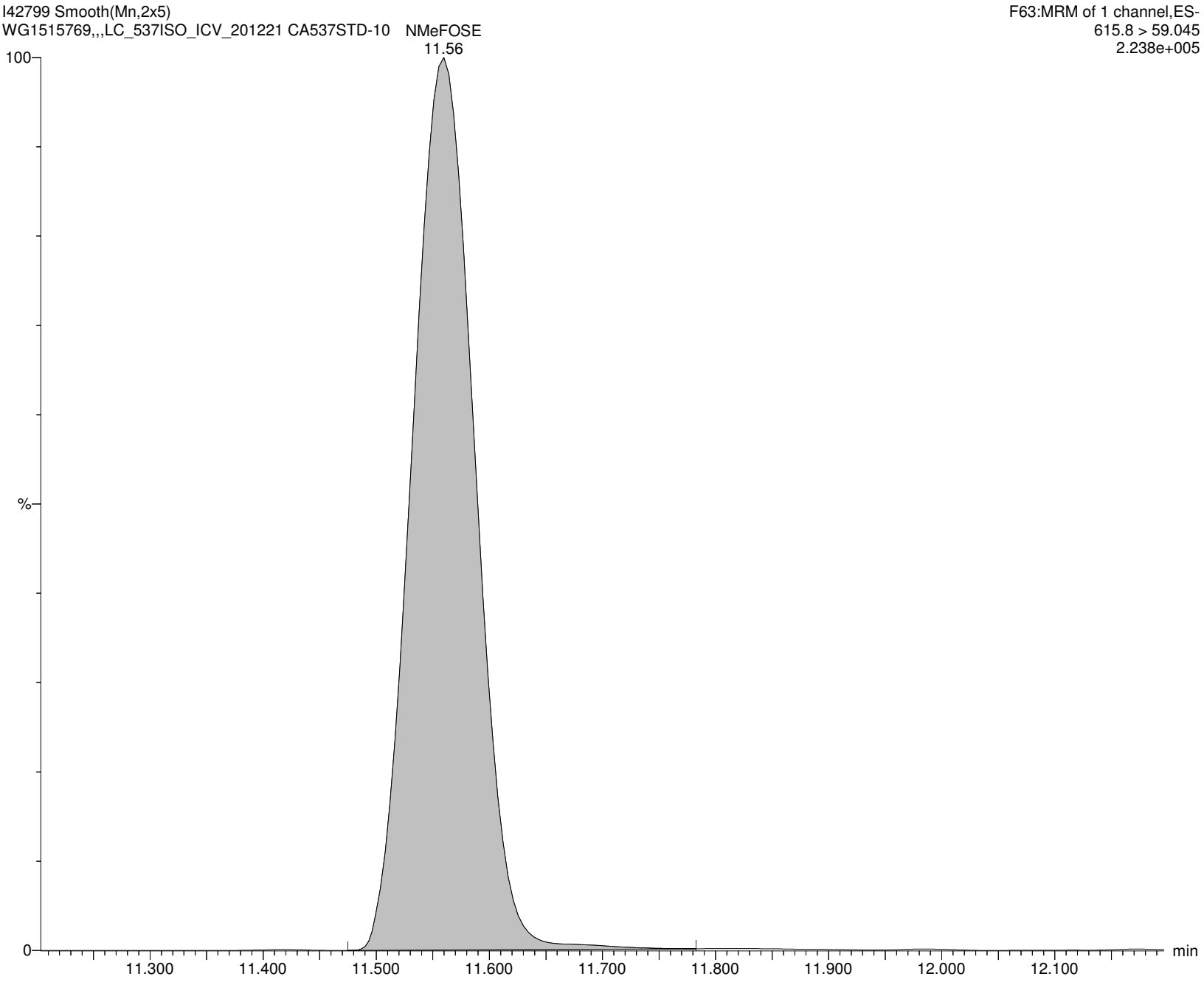


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSE

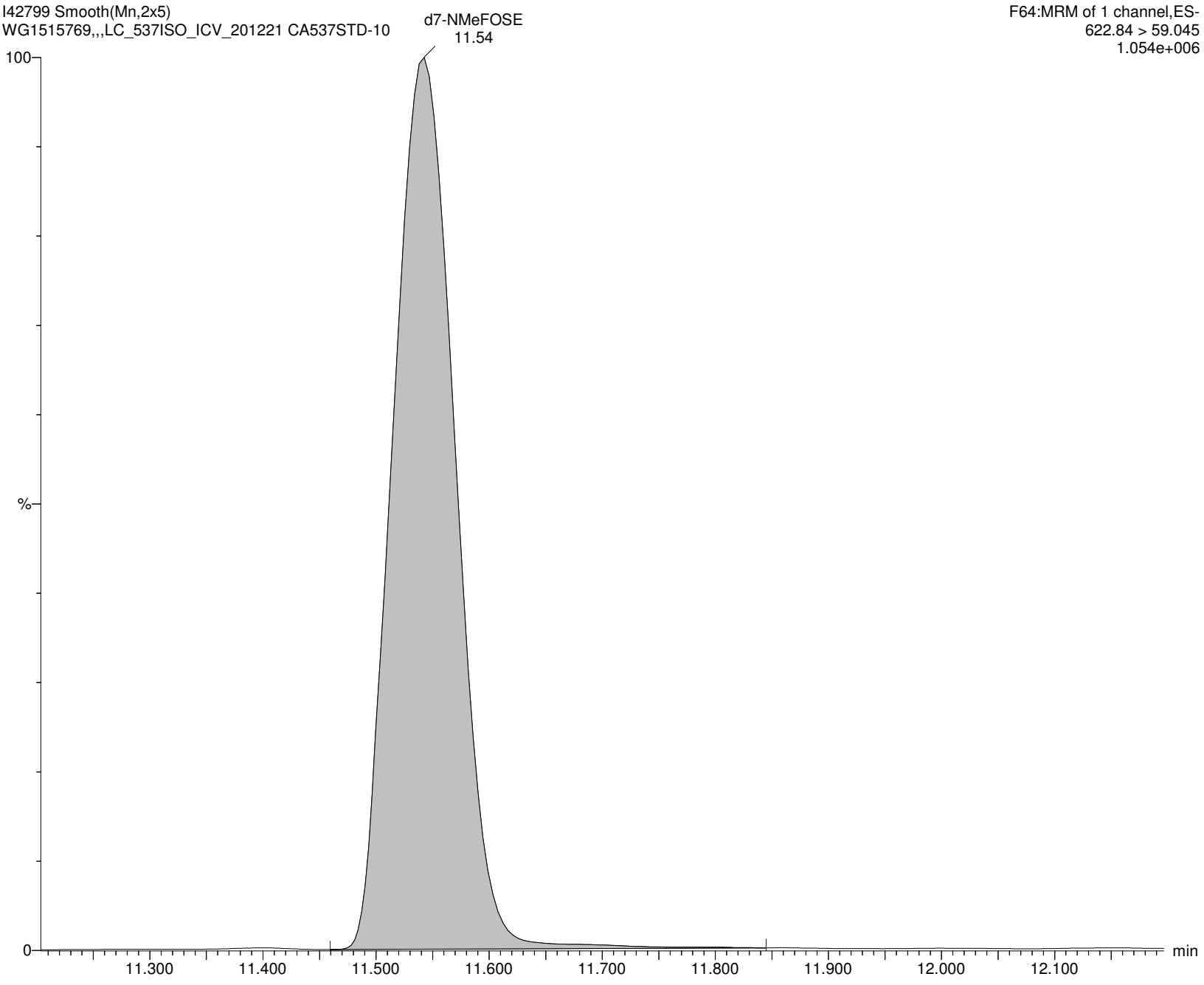


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d7-NMeFOSE

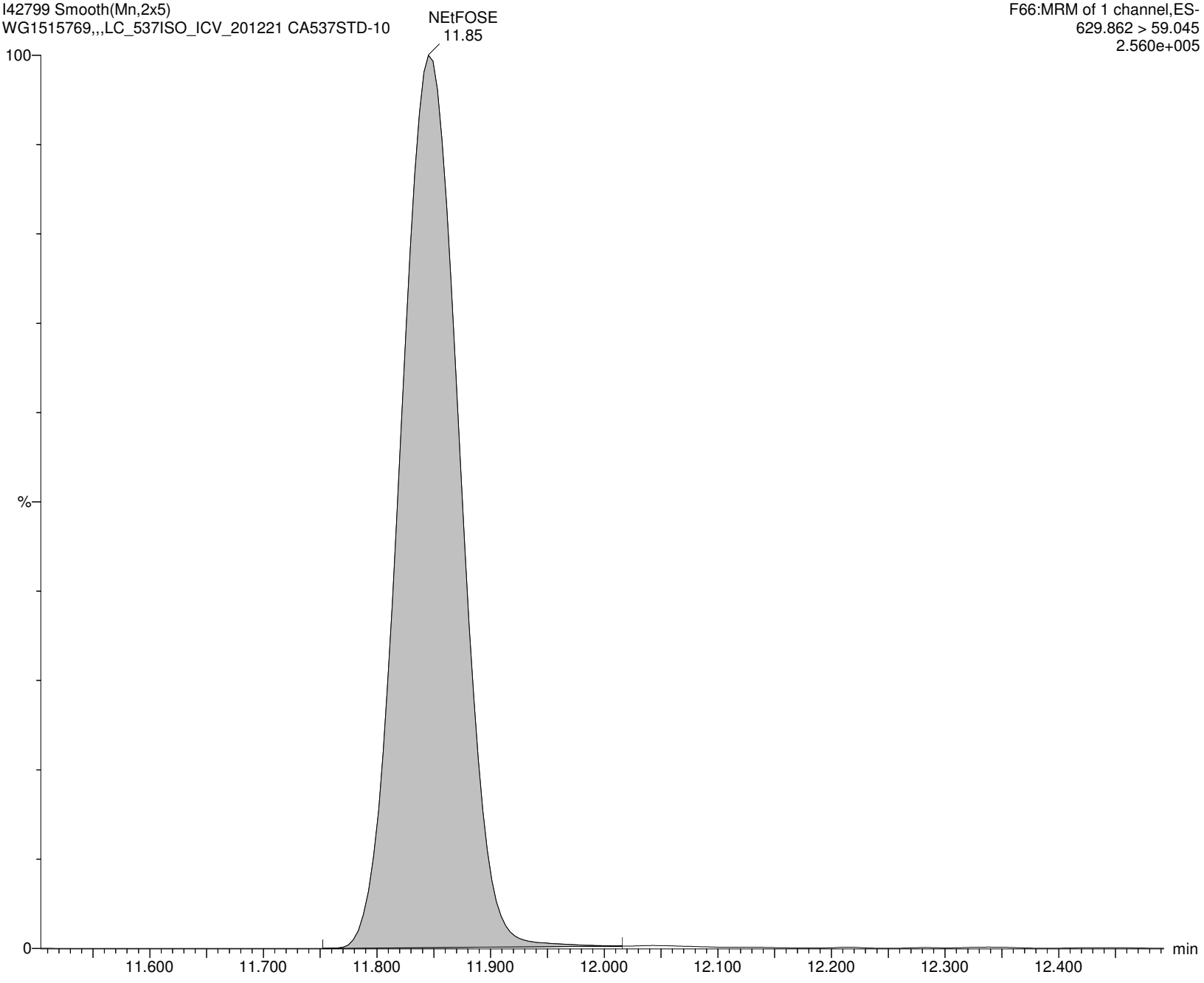


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSE

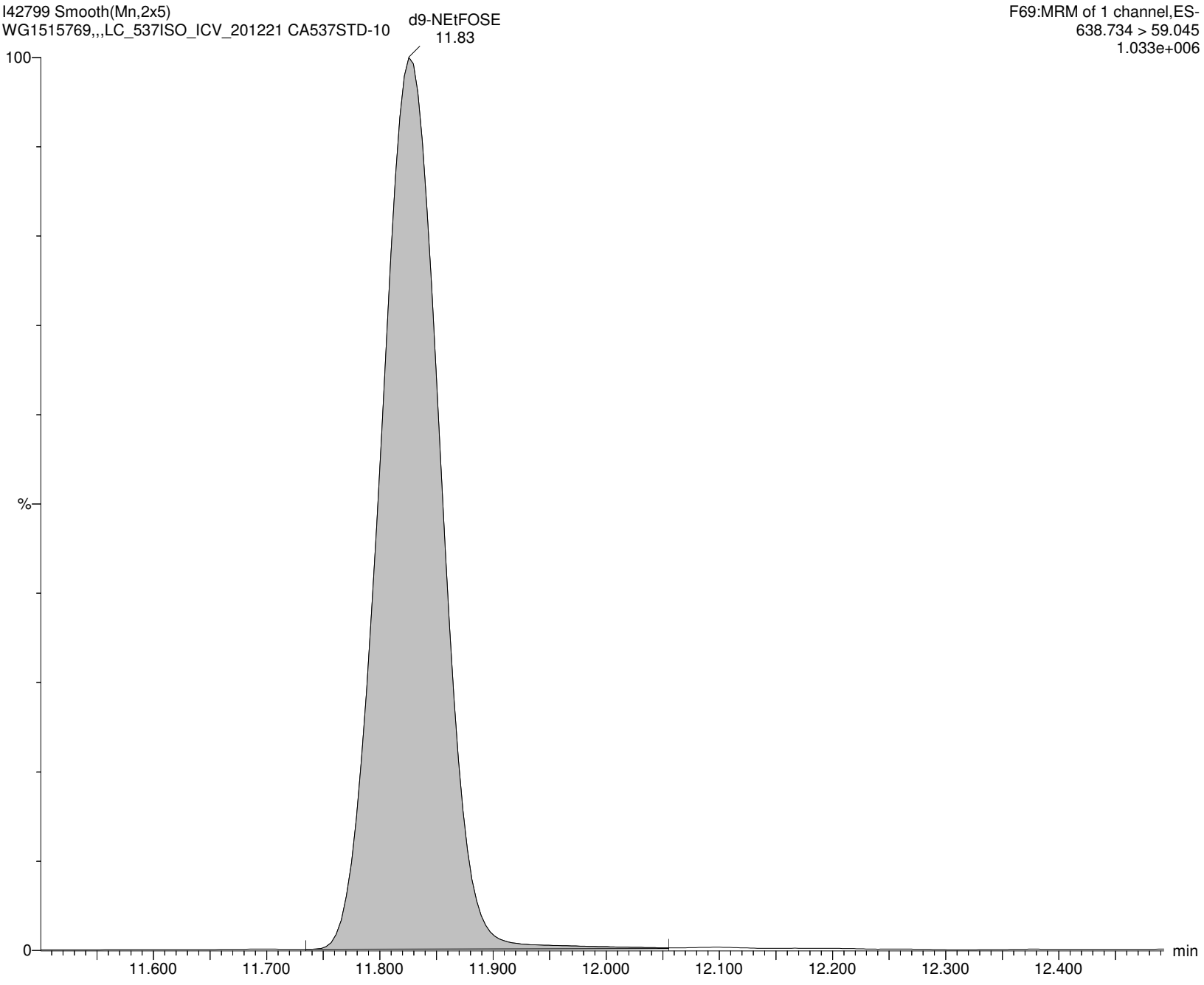


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d9-NEtFOSE

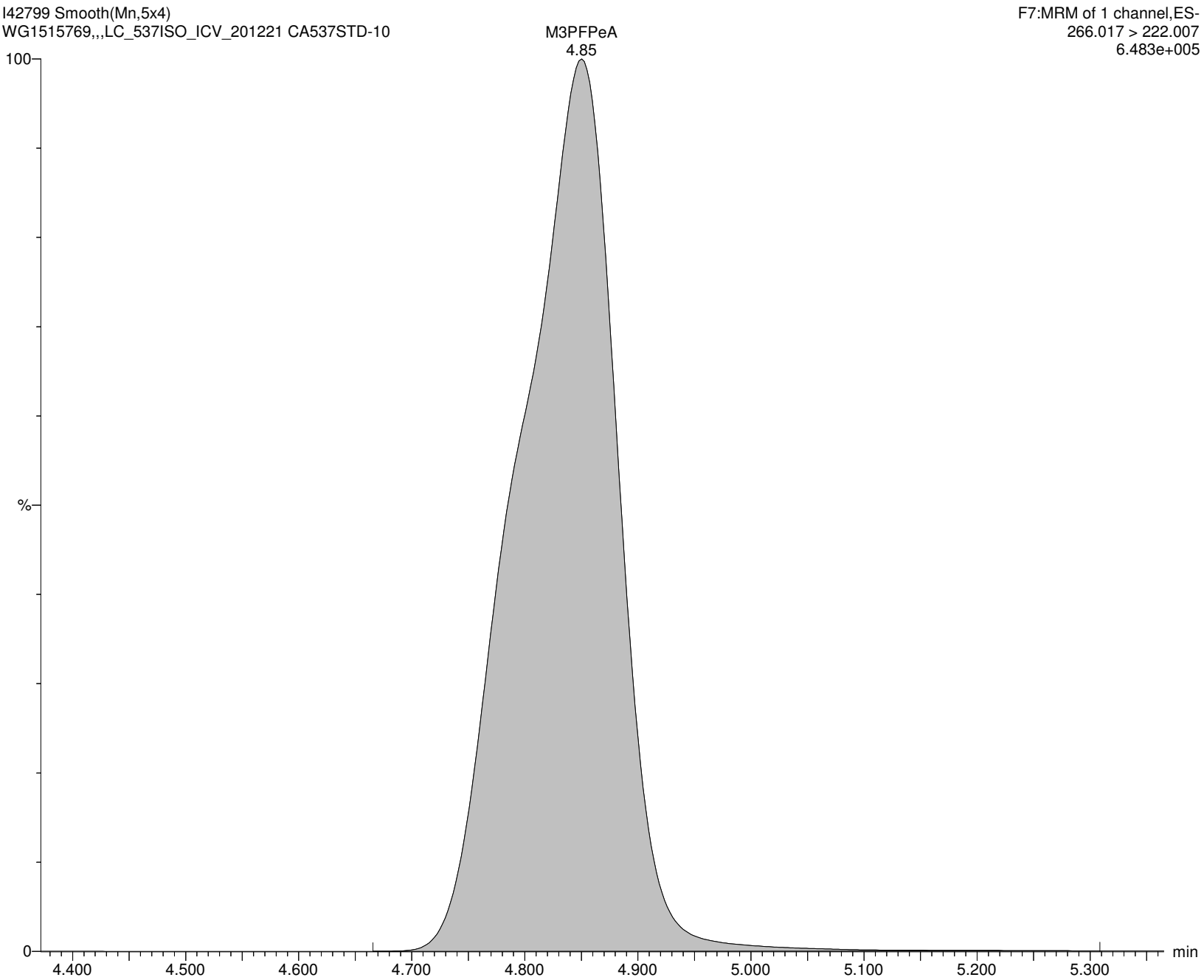


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFPeA

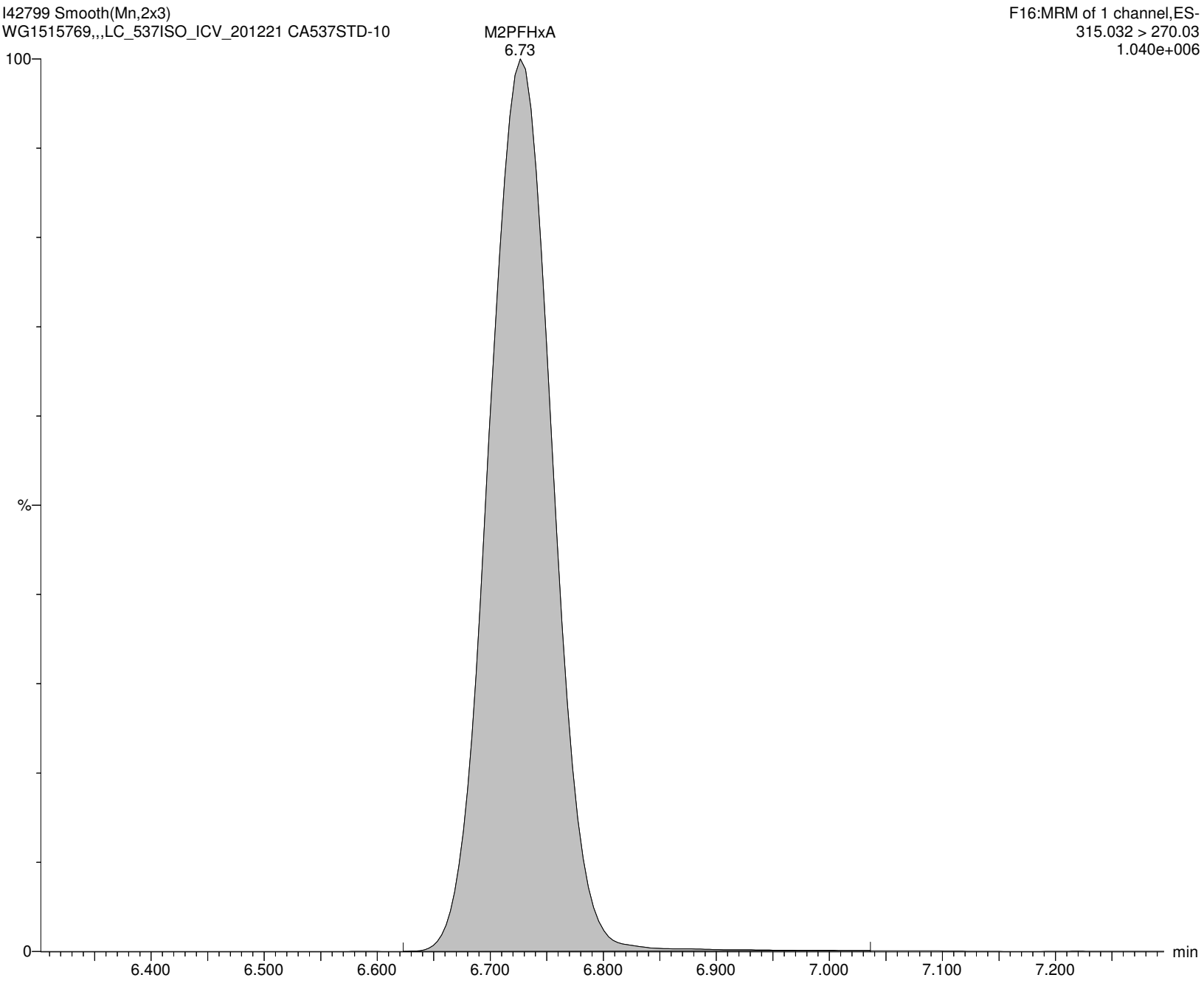


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFHxA

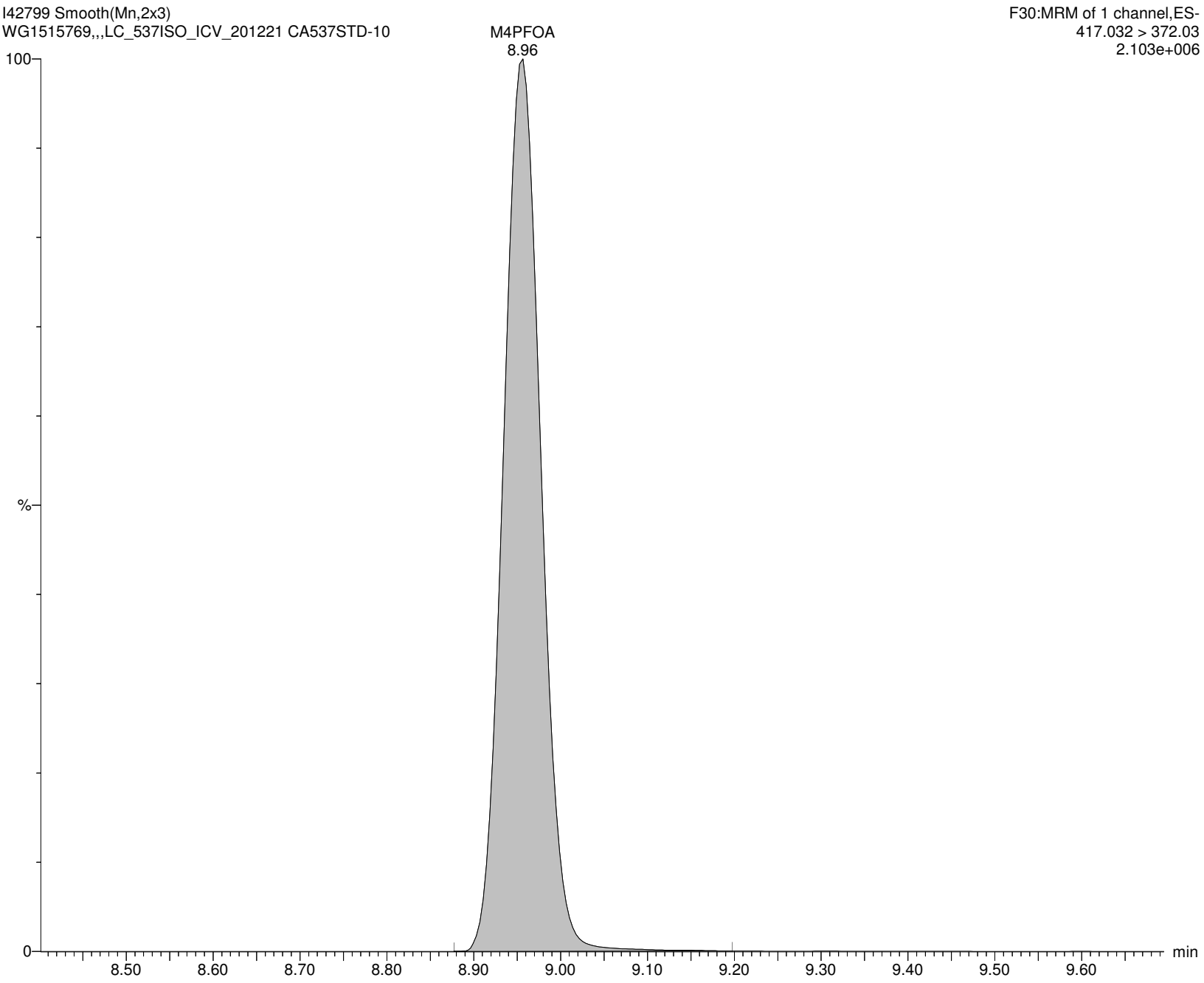


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOA

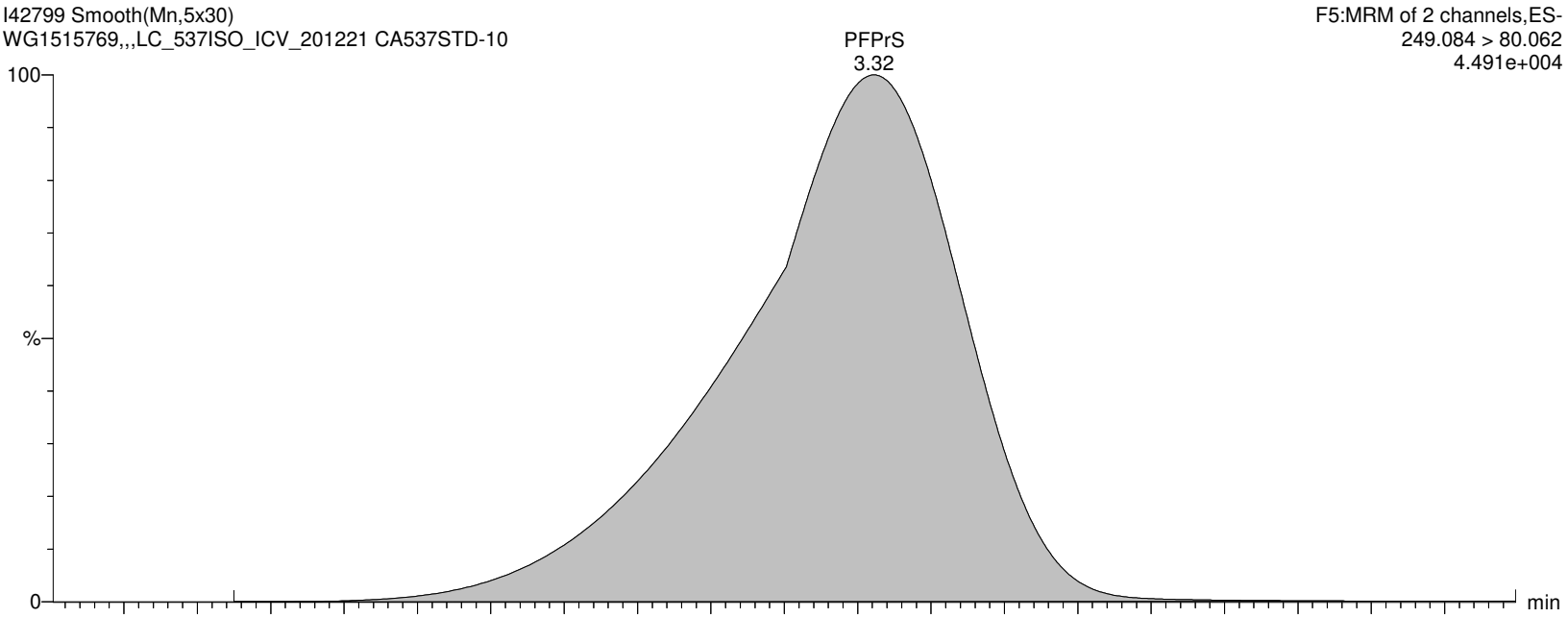


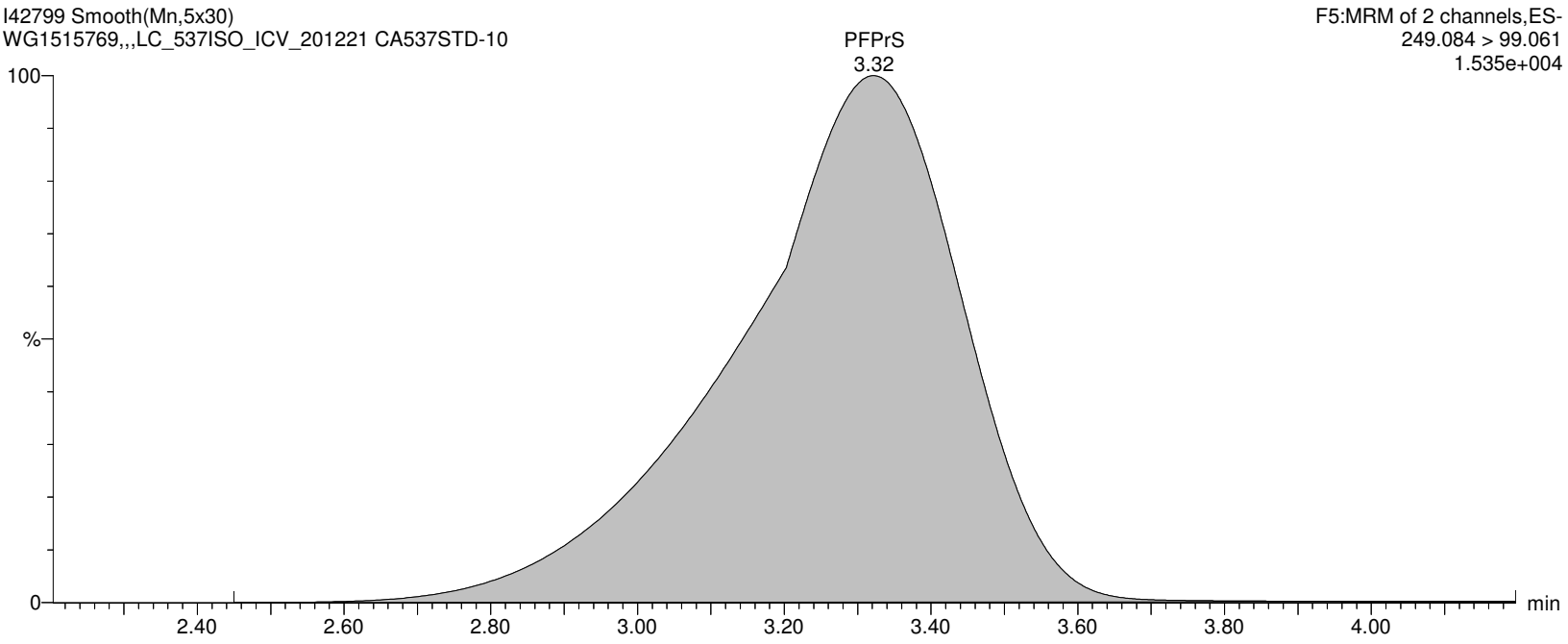
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPrS



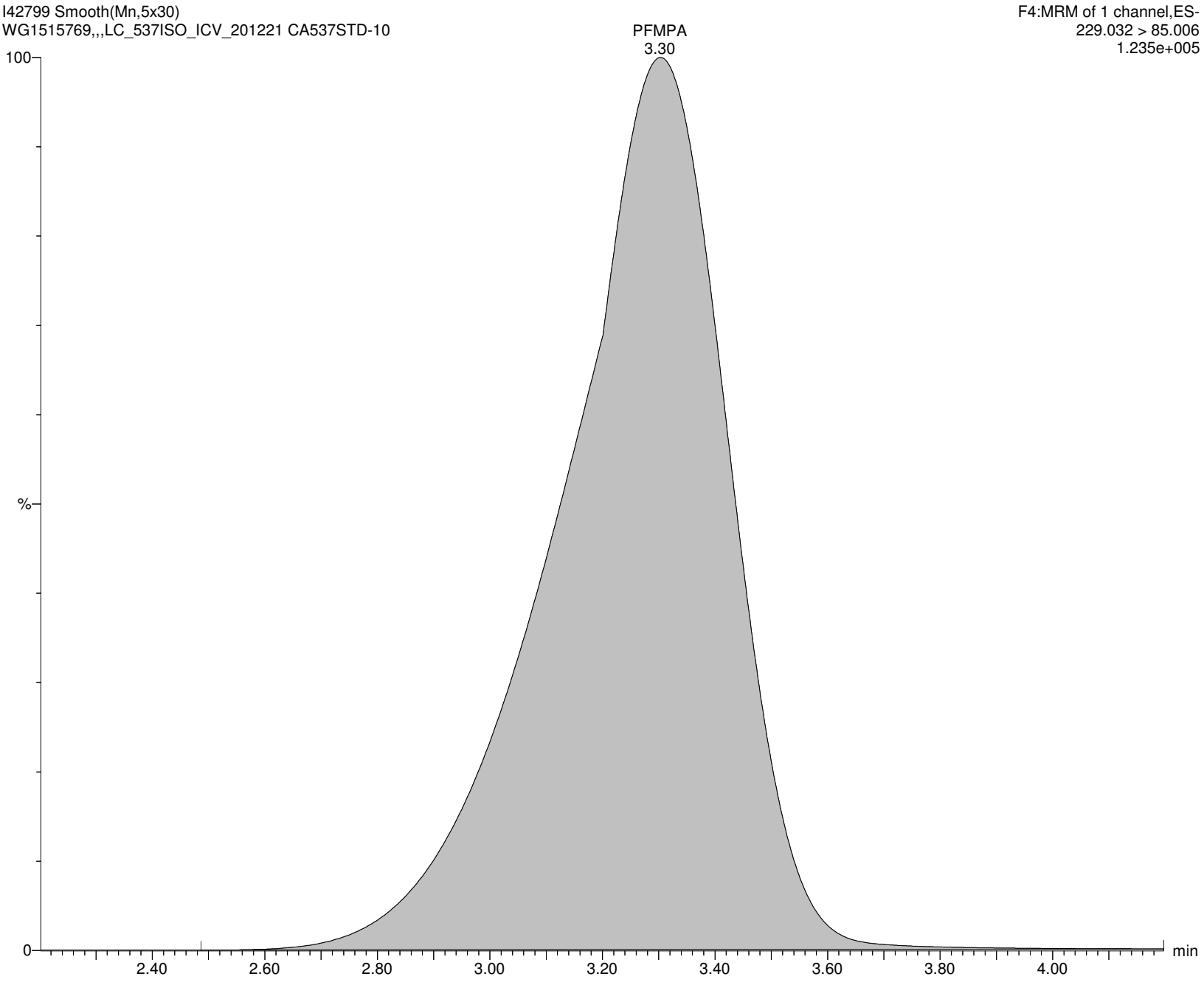


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFMPA

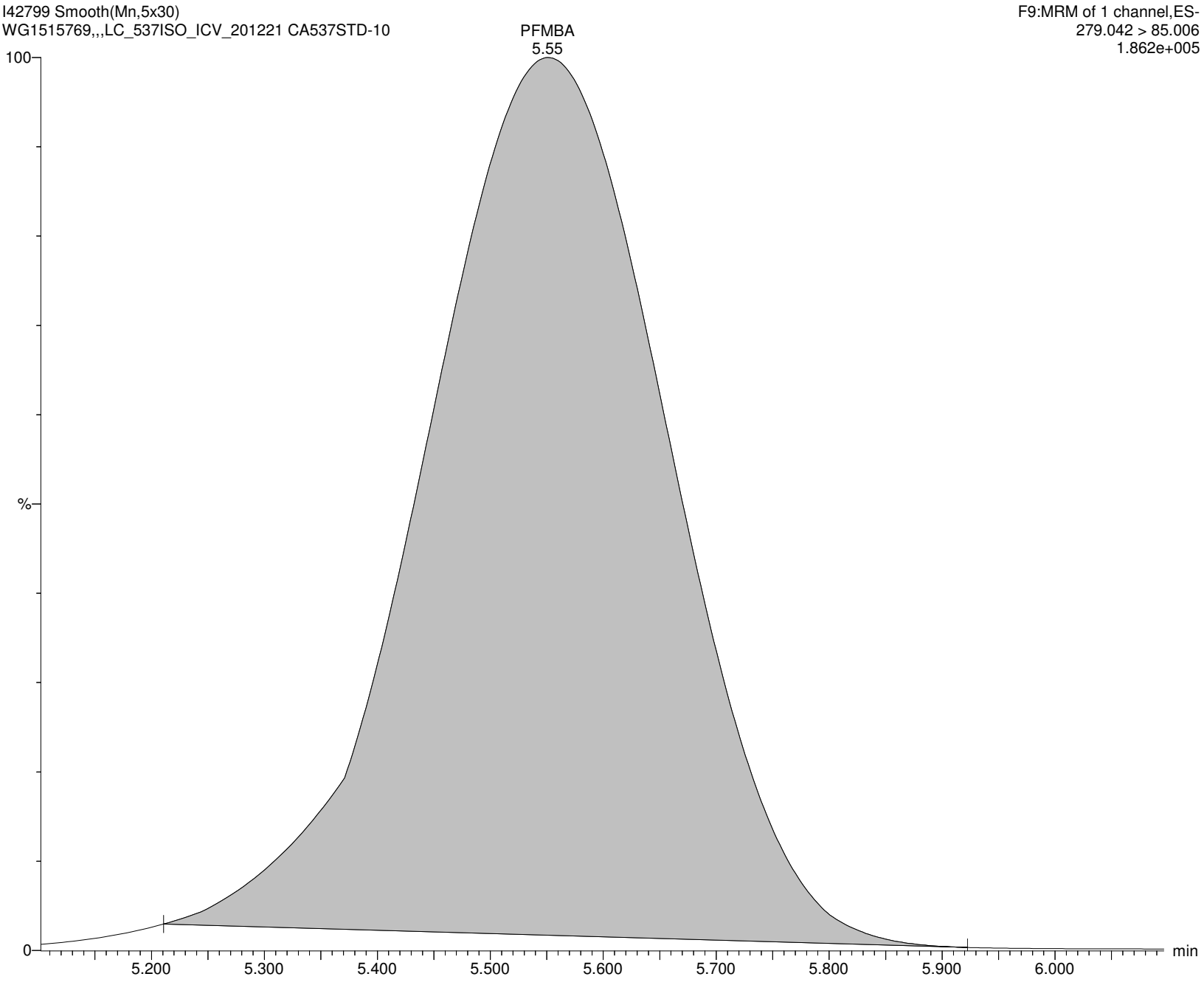


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFMBA

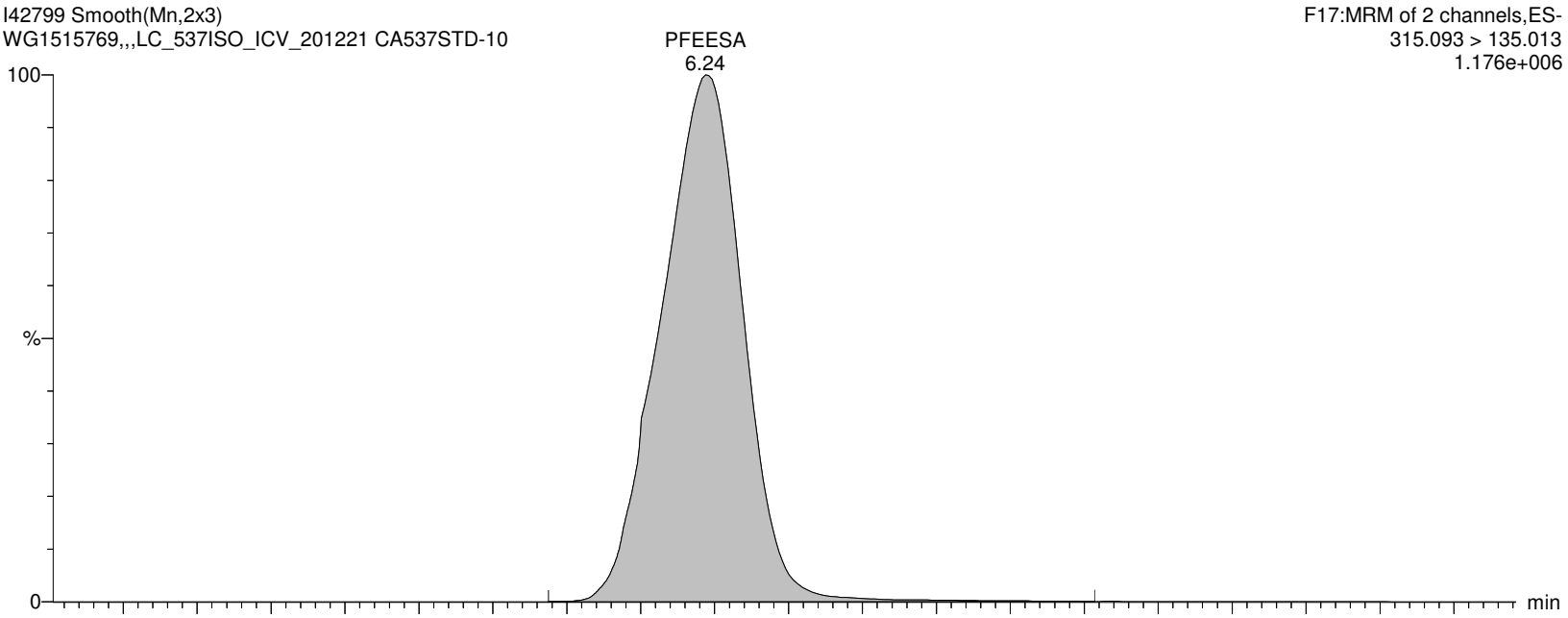


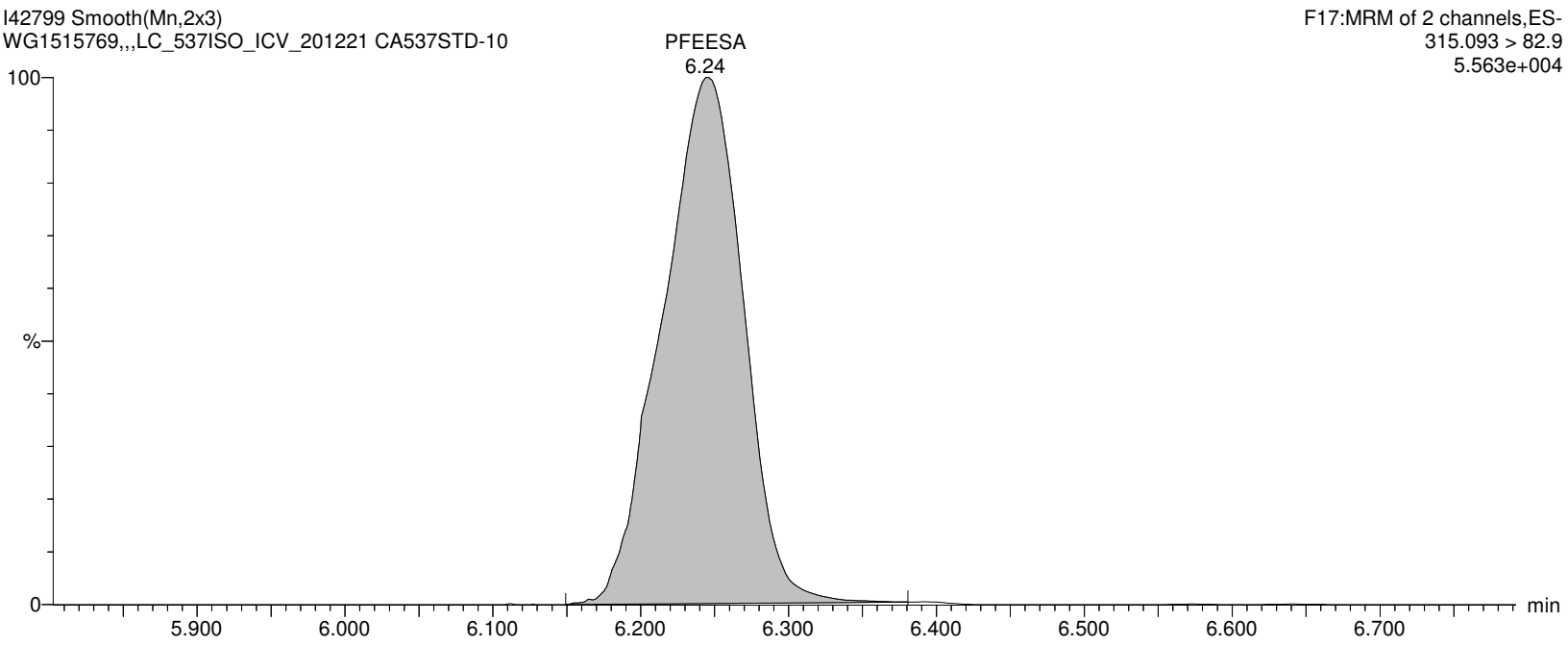
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFEESA



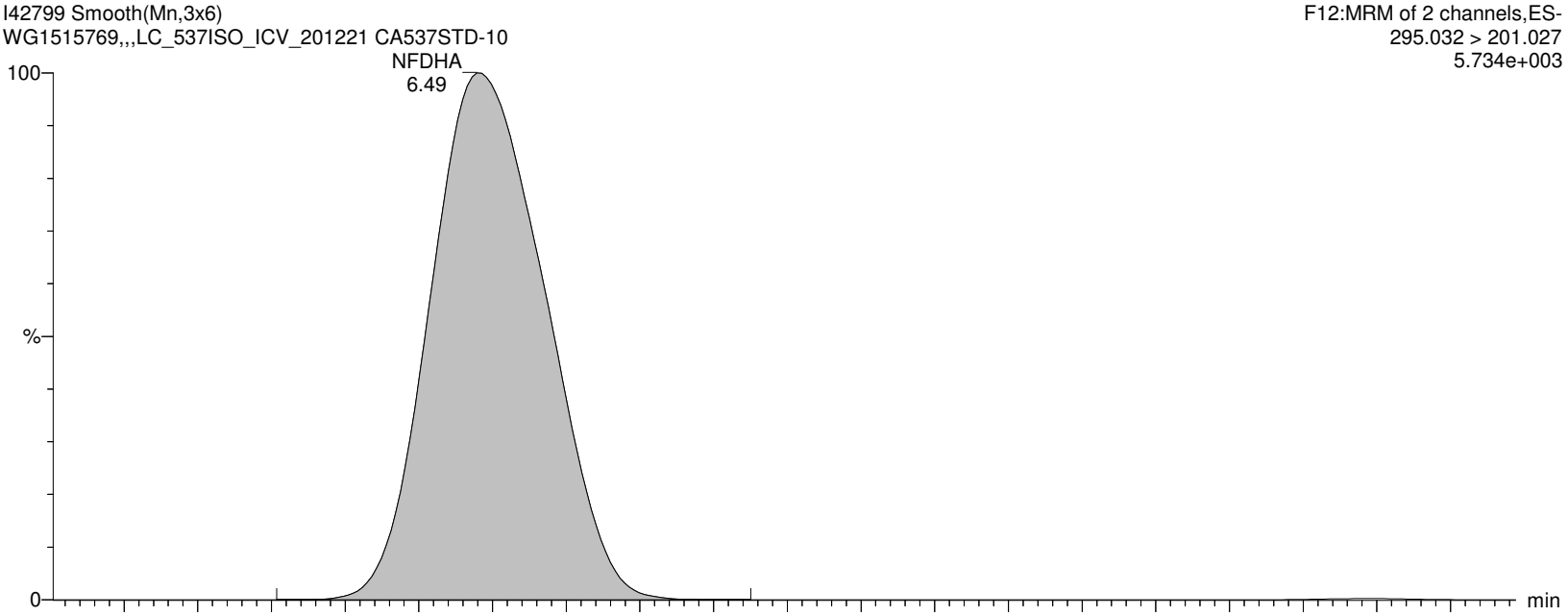


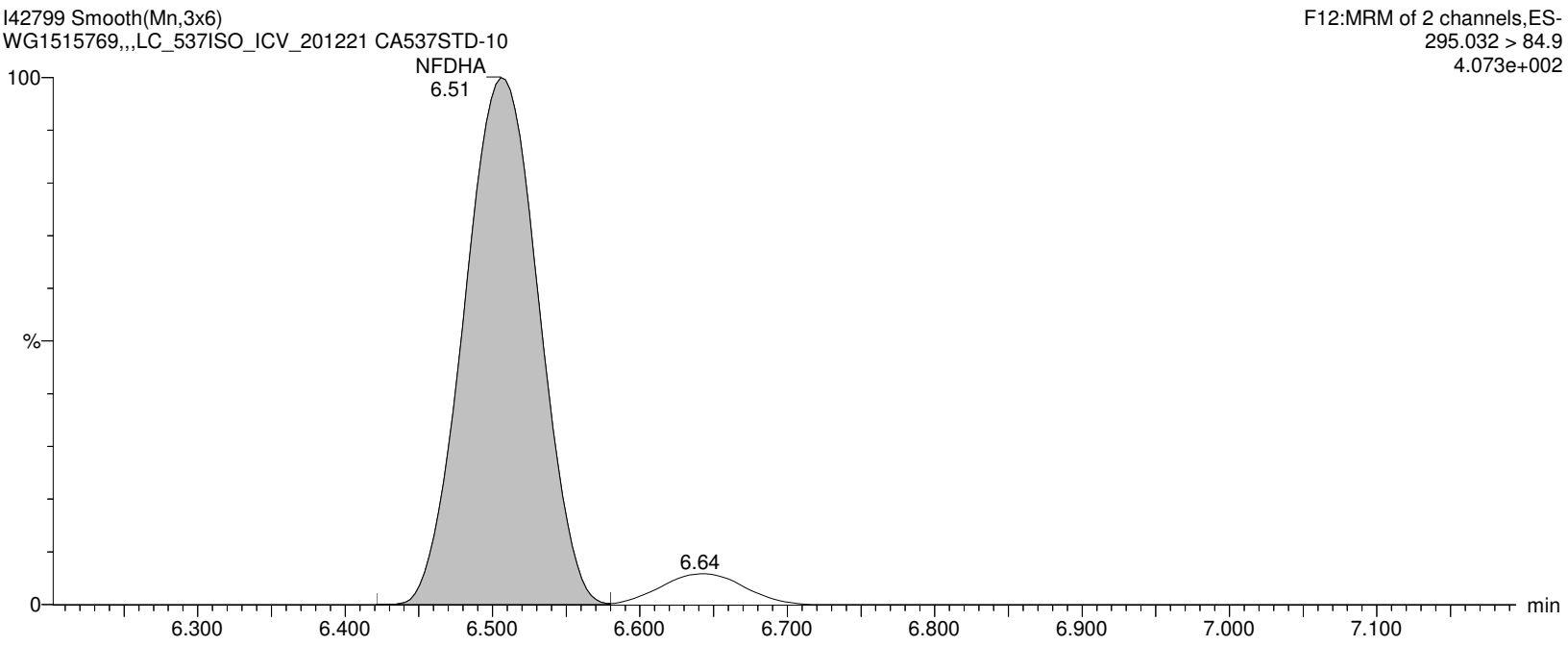
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 09:59:44 Eastern Daylight Time

Name: I42799
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:12:22
Description: WG1515769,,,LC_537ISO_ICV_201221
User: LCMS02:RS
Vial: 1:D,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NFDHA





all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 10:00:42 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\MethDB\537ISO_Q_210625_TOP_RT.mdb 28 Jun 2021 09:51:05
Calibration: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

ID: CA537STD-10
Name: I42800
Date: 25-Jun-2021
Time: 22:28:56
Description: WG1515769,,,LC_537ISO_ICV_201222
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	M4PFOS	INT STD	9.77	503.093 > 80.062	12380		10.938		na	109.4
2	M2D4-10:2FTS		11.35	633.201 > 612.189	4335	m4	19.820		na	100.3
3	10:2FTS		11.36	627.192 > 607.186	2313	m4,m7	9.084	1.74	NO	94.2

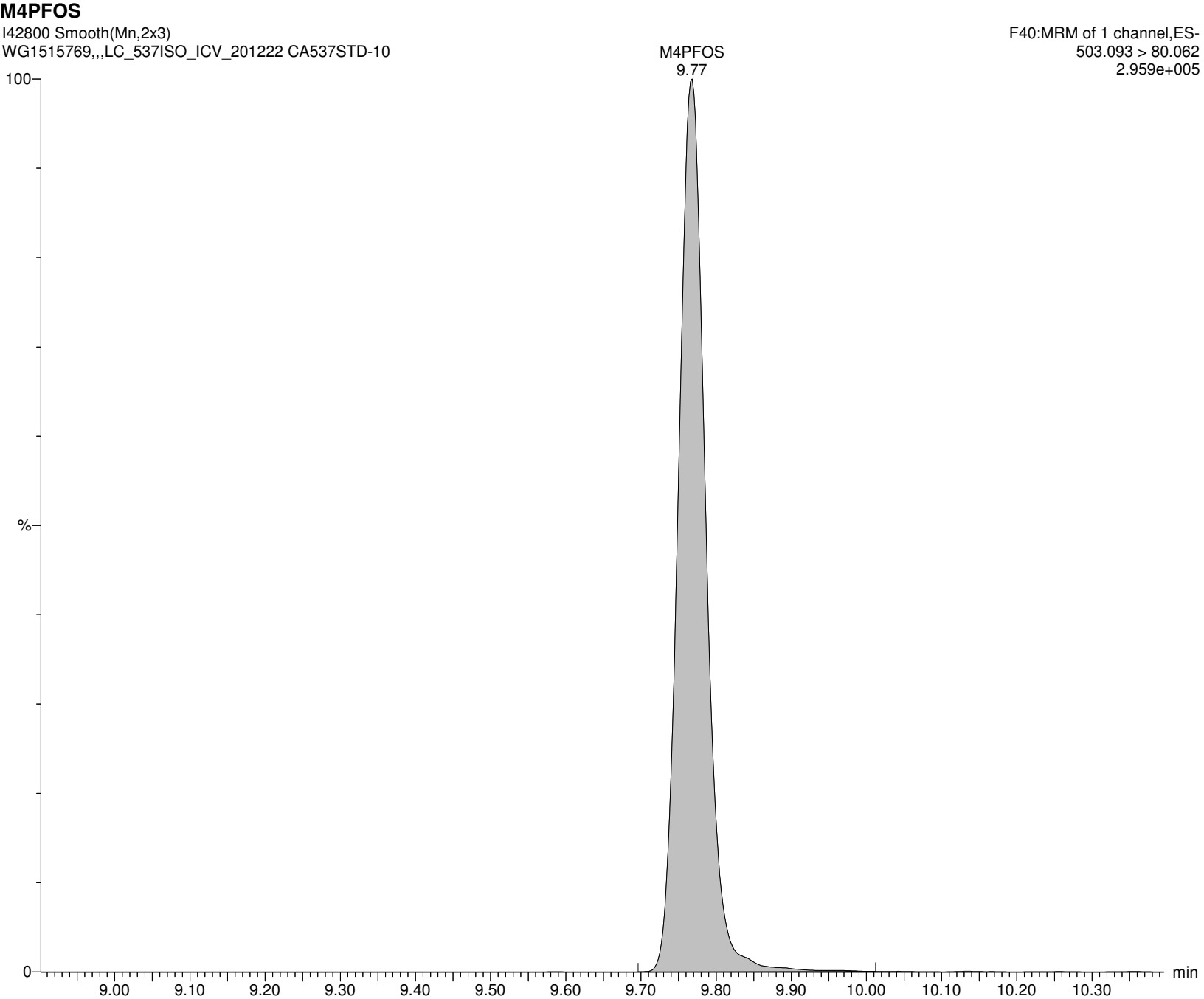
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 10:00:42 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\MethDB\537ISO_Q_210625_TOP_RT.mdb 28 Jun 2021 09:51:05
Calibration: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

Name: I42800
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:28:56
Description: WG1515769,,,LC_537ISO_ICV_201222
User: LCMS02:RS
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOS

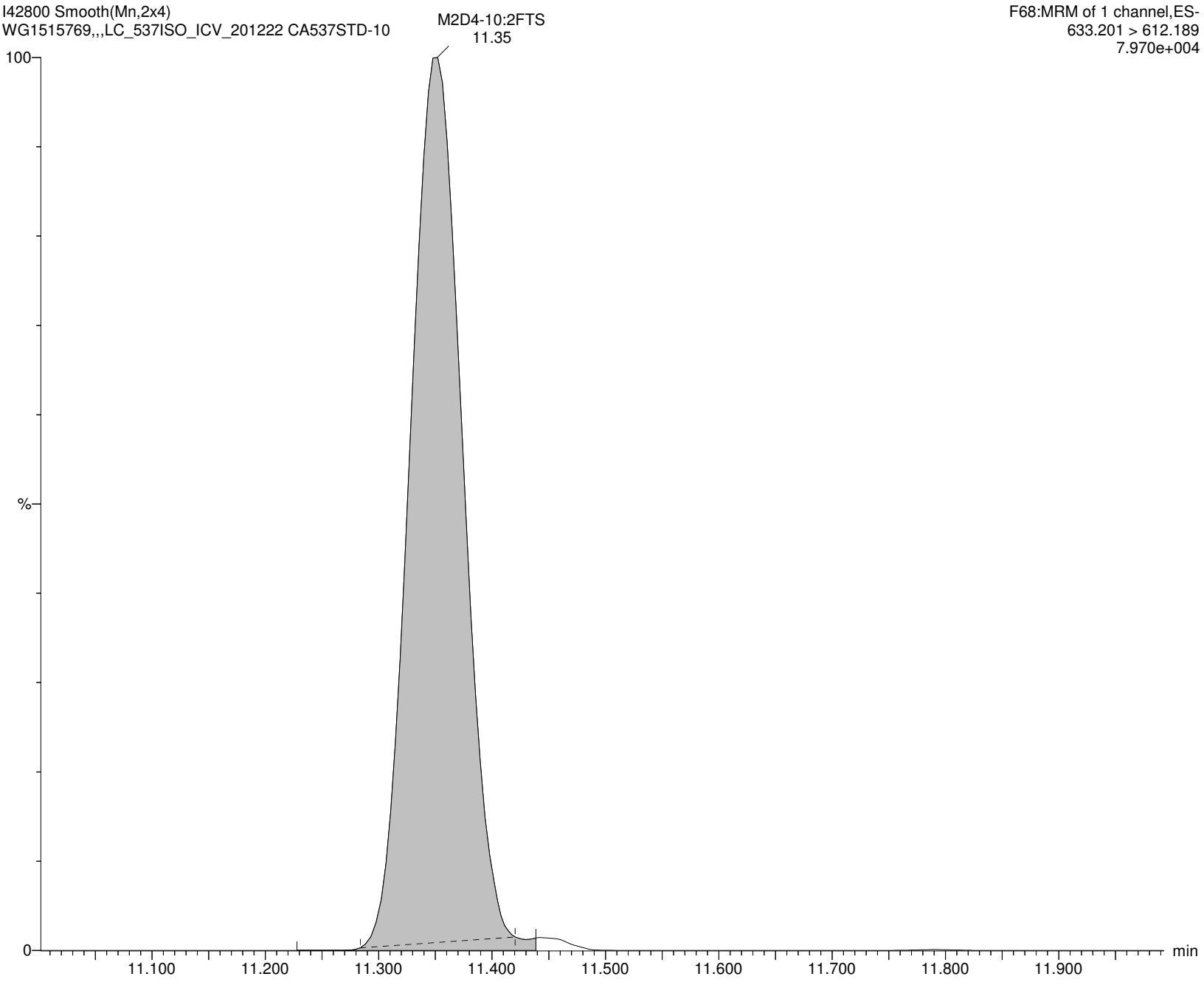


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 10:00:42 Eastern Daylight Time

Name: I42800
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:28:56
Description: WG1515769,,,LC_537ISO_ICV_201222
User: LCMS02:RS
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2D4-10:2FTS

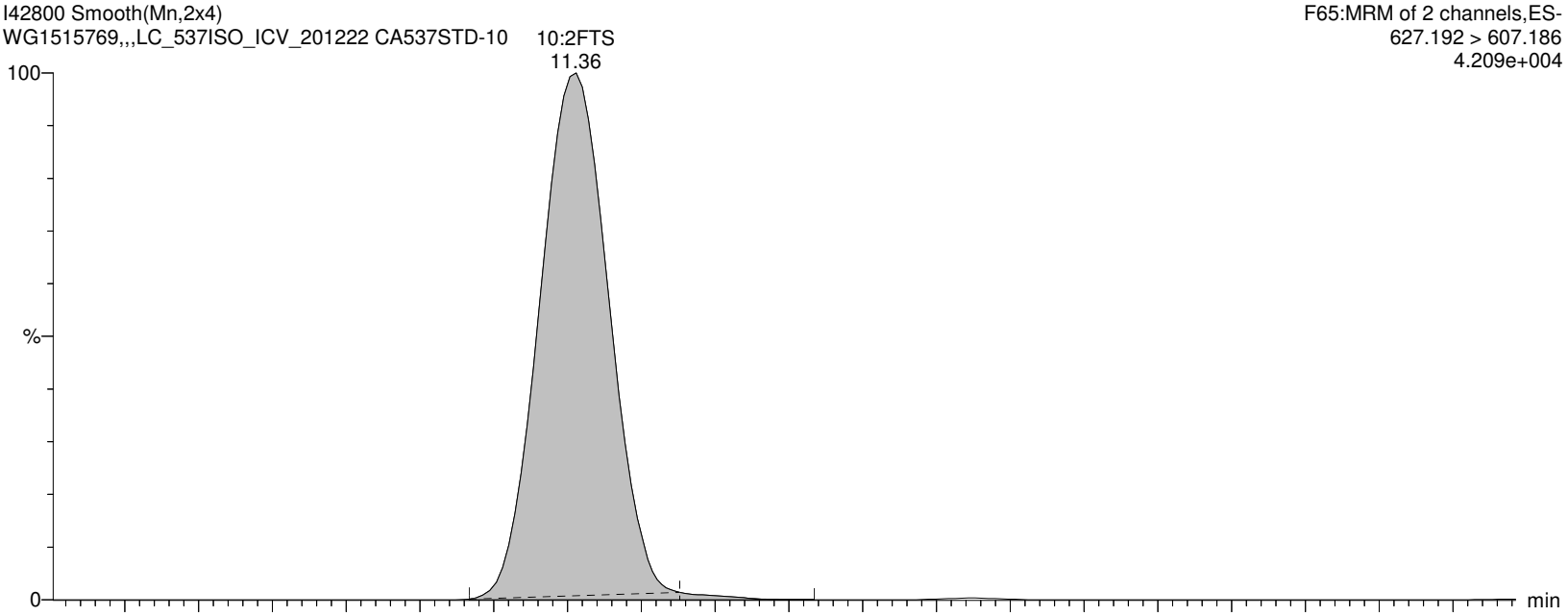


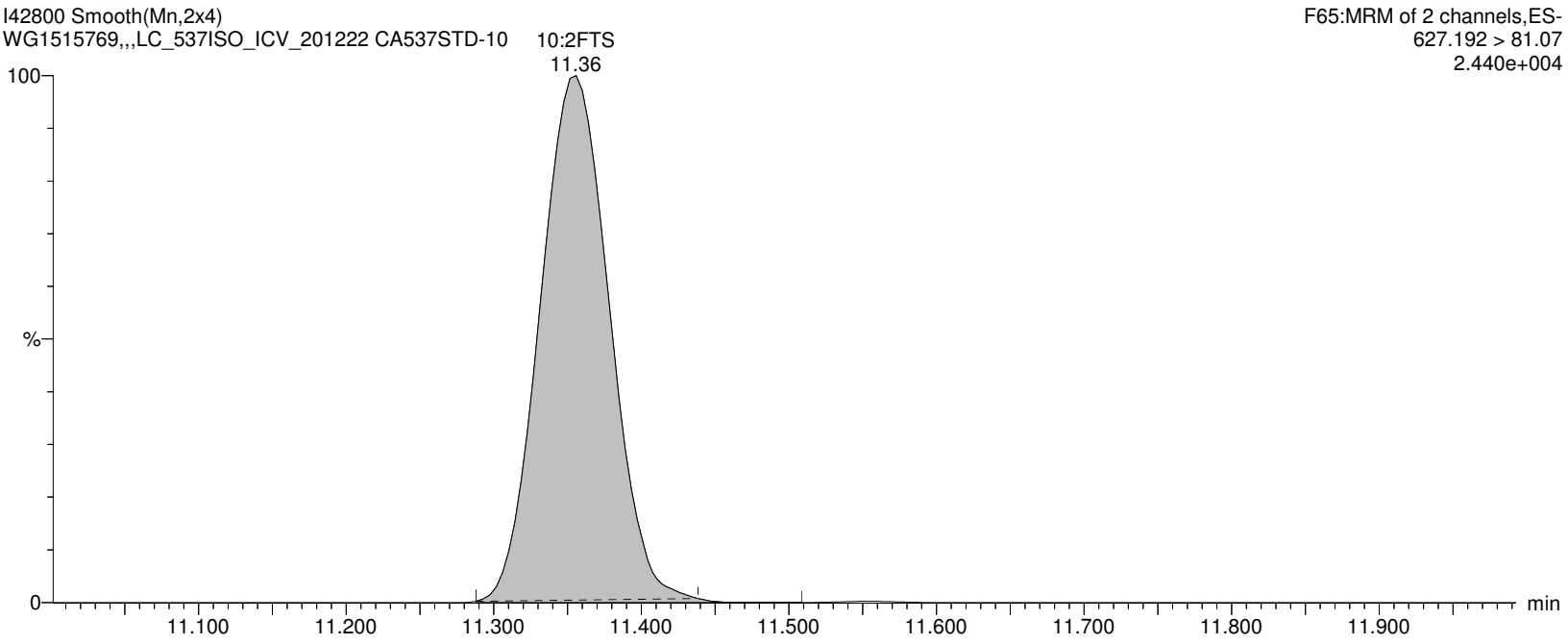
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 10:00:42 Eastern Daylight Time

Name: I42800
ID: CA537STD-10
Date: 25-Jun-2021
Time: 22:28:56
Description: WG1515769,,,LC_537ISO_ICV_201222
User: LCMS02:RS
Vial: 1:D,4
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

10:2FTS





all concentration units in (ng/mL)

	Compound Name	CAS Number	Compound Type	Quantification Trace	Include Quan Trace in Response?
1	PFBA	375-22-4		213.032 > 169.022	YES
2	M3PFBA	INT STD		216.009 > 171.999	YES
3	MPFBA	INT STD		217.001 > 171.999	YES
4	PFPeA	2706-90-3		263.039 > 219.03	YES
5	M5PFPEA	INT STD		268.001 > 222.999	YES
6	PFBS	375-73-5		299.092 > 80.062	YES
7	M3PFBS	INT STD		302.069 > 80.062	YES
8	4:2FTS	757124-72-4		327.146 > 307.139	YES
9	M2-4:2FTS	INT STD		329.13 > 309.124	YES
10	PFHxA	307-24-4		313.047 > 269.037	YES
11	M5PFHxA	INT STD		318.009 > 273.007	YES
12	PFPeS	2706-91-4		349.1 > 80.062	YES
13	PFHpA	375-85-9		363.055 > 319.045	YES
14	M4PFHpA	INT STD		367.025 > 322.022	YES
15	br-PFHxS	355-46-4		399.107 > 80.062	YES
16	L-PFHxS	355-46-4		399.107 > 80.062	YES
17	PFHxS	355-46-4		399.107 > 80.062	YES
18	M3PFHxS	INT STD		402.084 > 80.062	YES
19	br-PFOA	335-67-1		413.063 > 369.053	YES
20	L-PFOA	335-67-1		413.063 > 369.053	YES
21	PFOA	335-67-1		413.063 > 369.053	YES
22	M8PFOA	INT STD		421.002 > 376.	YES
23	M2PFOA	INT STD		415.048 > 370.045	YES
24	6:2FTS	27619-97-2		427.161 > 407.155	YES
25	M2-6:2FTS	INT STD		429.146 > 409.14	YES
26	PFHpS	375-92-8		449.115 > 80.062	YES
27	PFNA	375-95-1		463.071 > 419.061	YES
28	M9PFNA	INT STD		472.002 > 427.	YES
29	br-PFOS	1763-23-1		499.123 > 80.062	YES
30	L-PFOS	1763-23-1		499.123 > 80.062	YES
31	PFOS	1763-23-1		499.123 > 80.062	YES
32	M4PFOS	INT STD		503.093 > 80.062	YES
33	M8PFOS	INT STD		507.062 > 80.062	YES
34	PFDA	335-76-2		513.078 > 469.069	YES
35	M2PFDA	INT STD		515.053 > 469.934	YES
36	M6PFDA	INT STD		519.033 > 474.03	YES
37	8:2FTS	39108-34-4		527.177 > 507.171	YES
38	M2-8:2FTS	INT STD		529.162 > 509.155	YES
39	PFNS	68259-12-1		549.131 > 80.062	YES
40	d3-NMeFOSAA	INT STD		573.22 > 419.061	YES
41	br-NMeFOSAA			570.202 > 419.061	YES
42	L-NMeFOSAA			570.202 > 419.061	YES
43	NMeFOSAA	2355-31-9		570.202 > 419.061	YES
44	PFUnA	2058-94-8		563.086 > 519.076	YES
45	M7-PFUDA	INT STD		570.033 > 525.031	YES
46	PFDS	335-77-3		599.139 > 80.062	YES
47	FOSA	754-91-6		498.146 > 78.07	YES
48	M8FOSA	INT STD		506.077 > 78.07	YES
49	br-NEtFOSAA			584.229 > 419.061	YES
50	L-NEtFOSAA			584.229 > 419.061	YES
51	NEtFOSAA	2991-50-6		584.229 > 419.061	YES
52	d5-NEtFOSAA	INT STD		589.259 > 419.061	YES
53	PFDoA	307-55-1		613.094 > 569.084	YES
54	MPFDOA	INT STD		615.079 > 570.077	YES

	Calculate Ion Ratio Tolerance As	Target Ion Ratio Method	1:Ion Trace	1:Ion Ratio	1:Ion Ratio Win (%) ±
1	Ratio	Quan/Target		0.0000	50
2	Ratio	Quan/Target		0.0000	20
3	Ratio	Quan/Target		0.0000	20
4	Ratio	Quan/Target		0.0000	0
5	Ratio	Quan/Target		0.0000	20
6	Ratio	Quan/Target	299.092 > 99.061	1.9330	50
7	Ratio	Quan/Target		0.0000	20
8	Ratio	Quan/Target	327.146 > 81.07	2.4710	50
9	Ratio	Quan/Target		0.0000	20
10	Ratio	Quan/Target	313.047 > 119.18	15.6190	50
11	Ratio	Quan/Target		0.0000	20
12	Ratio	Quan/Target	349.1 > 99.061	2.2380	50
13	Ratio	Quan/Target	363.055 > 169.022	5.5600	50
14	Ratio	Quan/Target		0.0000	20
15	Ratio	Quan/Target	399.107 > 99.061	2.1900	50
16	Ratio	Quan/Target	399.107 > 99.061	1.6520	50
17	Ratio	Quan/Target	399.107 > 99.061	0.4240	50
18	Ratio	Quan/Target		0.0000	20
19	Ratio	Quan/Target	413.063 > 219.03	0.0000	0
20	Ratio	Quan/Target	413.063 > 219.03	8.9520	50
21	Ratio	Quan/Target	413.063 > 219.03	8.5080	50
22	Ratio	Quan/Target		0.0000	20
23	Ratio	Quan/Target		2.8360	20
24	Ratio	Quan/Target	427.161 > 81.07	3.9760	50
25	Ratio	Quan/Target		0.0000	20
26	Ratio	Quan/Target	449.115 > 99.061	1.1010	50
27	Ratio	Quan/Target	463.071 > 219.03	3.8600	50
28	Ratio	Quan/Target		0.0000	20
29	Ratio	Quan/Target	499.123 > 99.061	4.1180	50
30	Ratio	Quan/Target	499.123 > 99.061	1.7590	50
31	Ratio	Quan/Target	499.123 > 99.061	0.4240	50
32	Ratio	Quan/Target		0.0000	20
33	Ratio	Quan/Target		0.0000	20
34	Ratio	Quan/Target	513.078 > 219.03	5.4640	50
35	Ratio	Quan/Target		0.0000	20
36	Ratio	Quan/Target		0.0000	20
37	Ratio	Quan/Target	527.177 > 81.07	5.2660	50
38	Ratio	Quan/Target		0.0000	20
39	Ratio	Quan/Target	549.131 > 99.061	1.4580	50
40	Ratio	Quan/Target		0.0000	20
41	Ratio	Quan/Target	570.202 > 482.77	1.2450	50
42	Ratio	Quan/Target	570.202 > 482.77	2.6020	50
43	Ratio	Quan/Target	570.202 > 482.77	2.3680	50
44	Ratio	Quan/Target	563.086 > 269.067	9.9470	50
45	Ratio	Quan/Target		0.0000	20
46	Ratio	Quan/Target	599.139 > 99.061	1.6760	50
47	Ratio	Quan/Target	498.146 > 169.022	161.5790	50
48	Ratio	Quan/Target		0.0000	20
49	Ratio	Quan/Target	584.229 > 526.1...	0.5610	50
50	Ratio	Quan/Target	584.229 > 526.1...	1.1800	50
51	Ratio	Quan/Target	584.229 > 526.1...	2.1220	50
52	Ratio	Quan/Target		1.3910	20
53	Ratio	Quan/Target	613.094 > 319.045	18.5610	50
54	Ratio	Quan/Target		0.0000	20

	Compound Name	CAS Number	Compound Type	Quantification Trace	Include Quan Trace in Response?
55	PFTrDA	72629-94-8		663.102 > 619.092	YES
56	PFTA	376-06-7		713.11 > 669.1	YES
57	M2PFTEDA	INT STD		715.094 > 670.092	YES
58	M3HFPO-DA	INT STD		287.02 > 169.022	YES
59	HFPO-DA	13252-13-6		285.035 > 169.022	YES
60	ADONA	958445-44-8		377.06 > 251.028	YES
61	PFHxDA			813.122 > 769.116	YES
62	PFODA			913.411 > 869.131	YES
63	M2PFHxDA			815.102 > 770.108	YES
64	PFDoS			699.154 > 80.062	YES
65	M2D4-10:2FTS			633.201 > 612.189	YES
66	10:2FTS			627.192 > 607.186	YES
67	9CL-PF3ONS			530.862 > 350.843	YES
68	11CL-PFOUdS			630.862 > 450.854	YES
69	NMeFOSA			512.163 > 169.022	YES
70	d3-NMeFOSA			515.183 > 169.022	YES
71	NEtFOSA			526.192 > 169.022	YES
72	d5-NEtFOSA			531.222 > 169.022	YES
73	NMeFOSE			615.8 > 59.045	YES
74	d7-NMeFOSE			622.84 > 59.045	YES
75	NEtFOSE			629.862 > 59.045	YES
76	d9-NEtFOSE			638.734 > 59.045	YES
77	M3PFPeA			266.017 > 222.007	YES
78	M2PFHxA			315.032 > 270.03	YES
79	M4PFOA			417.032 > 372.03	YES
80	PFPrS	423-41-6		249.084 > 80.062	YES
81	PFMPA			229.032 > 85.006	YES
82	PFMBA			279.042 > 85.006	YES
83	PFEESA			315.093 > 135.013	YES
84	NFDHA			295.032 > 201.027	YES

	Calculate Ion Ratio Tolerance As	Target Ion Ratio Method	1:Ion Trace	1:Ion Ratio	1:Ion Ratio Win (%) ±
55	Ratio	Quan/Target	663.102 > 319.045	11.3940	50
56	Ratio	Quan/Target	713.11 > 219.03	9.1380	50
57	Ratio	Quan/Target		0.0000	20
58	Ratio	Quan/Target		0.0000	50
59	Ratio	Quan/Target	328.989 > 284.982	3.5660	50
60	Ratio	Quan/Target	377.06 > 84.8	41.5680	50
61	Ratio	Quan/Target	813.122 > 369.053	22.5380	50
62	Ratio	Quan/Target	913.411 > 369.053	22.8470	50
63	Ratio	Quan/Target		0.0000	20
64	Ratio	Quan/Target	699.154 > 99.061	2.3250	50
65	Ratio	Quan/Target		0.0000	20
66	Ratio	Quan/Target	627.192 > 81.07	2.0100	50
67	Ratio	Quan/Target	532.8 > 353	2.6290	50
68	Ratio	Quan/Target	632.9 > 452.9	3.0570	50
69	Ratio	Quan/Target	512.163 > 219.03	1.6170	50
70	Ratio	Quan/Target		0.0000	20
71	Ratio	Quan/Target	526.192 > 119.03	4.8700	50
72	Ratio	Quan/Target		0.0000	20
73	Ratio	Quan/Target		0.0000	50
74	Ratio	Quan/Target		0.0000	20
75	Ratio	Quan/Target		0.0000	50
76	Ratio	Quan/Target		0.0000	20
77	Ratio	Quan/Target		0.0000	20
78	Ratio	Quan/Target		0.0000	20
79	Ratio	Quan/Target		0.0000	20
80	Ratio	Quan/Target	249.084 > 99.061	2.9780	50
81	Ratio	Quan/Target		0.0000	50
82	Ratio	Quan/Target		0.0000	50
83	Ratio	Quan/Target	315.093 > 82.9	21.2160	50
84	Ratio	Quan/Target	295.032 > 84.9	41.1450	50

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 10:27:36 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\MethDB\537ISO_Q_210625_TOP_RT.mdb 28 Jun 2021 09:51:05
Calibration: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

ID: Tech STD
Name: I42801
Date: 25-Jun-2021
Time: 22:45:30
Description: WG1515769,,,LC_537_TECHSTD_210316
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:RS
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	br-PFOA	335-67-1	8.73	413.063 > 369.053	48492		4.870	2.75	NO	
2	L-PFOA	335-67-1	8.95	413.063 > 369.053	348888		35.038	8.79	NO	
3	PFOA	335-67-1		413.063 > 369.053	397380		39.908		na	
4	M8PFOA	INT STD	8.95	421.002 > 376.	103330		9.416		na	94.2
5	M2PFOA	INT STD	8.95	415.048 > 370.045	108097		10.206		na	102.1

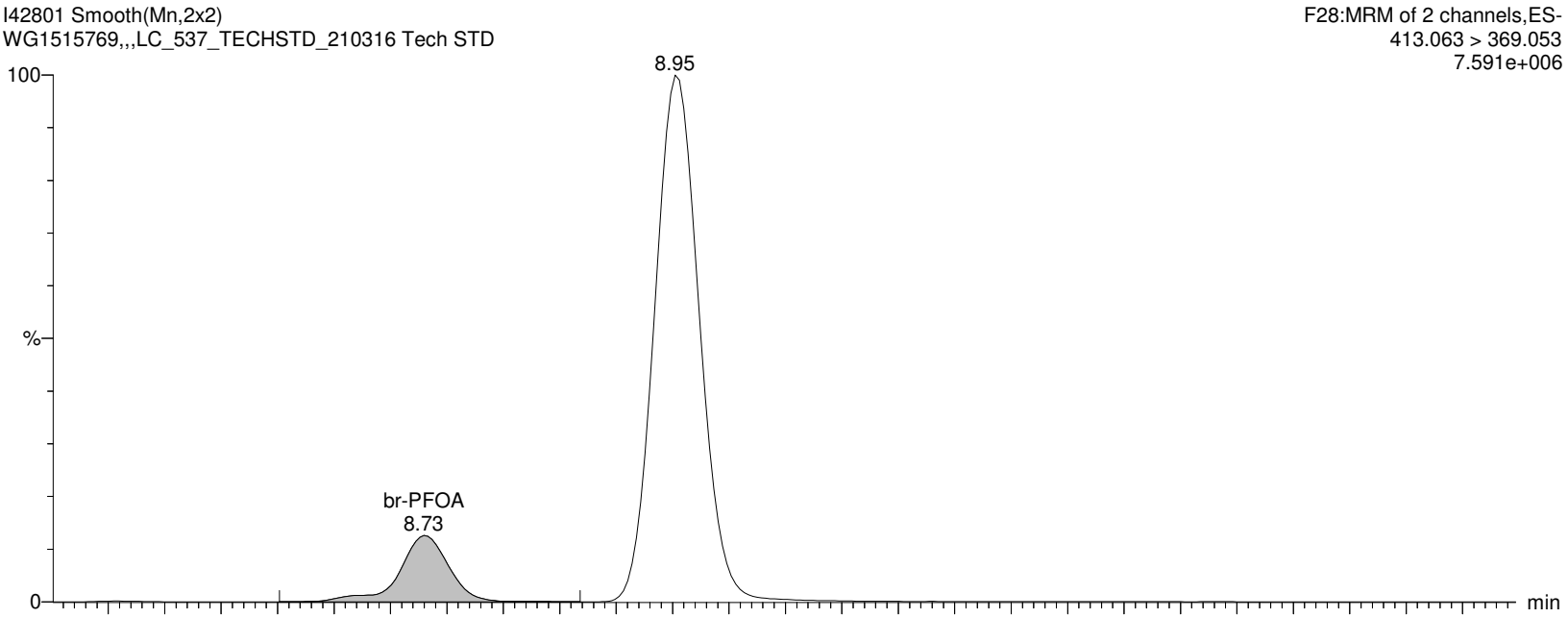
all concentration units in (ng/mL)

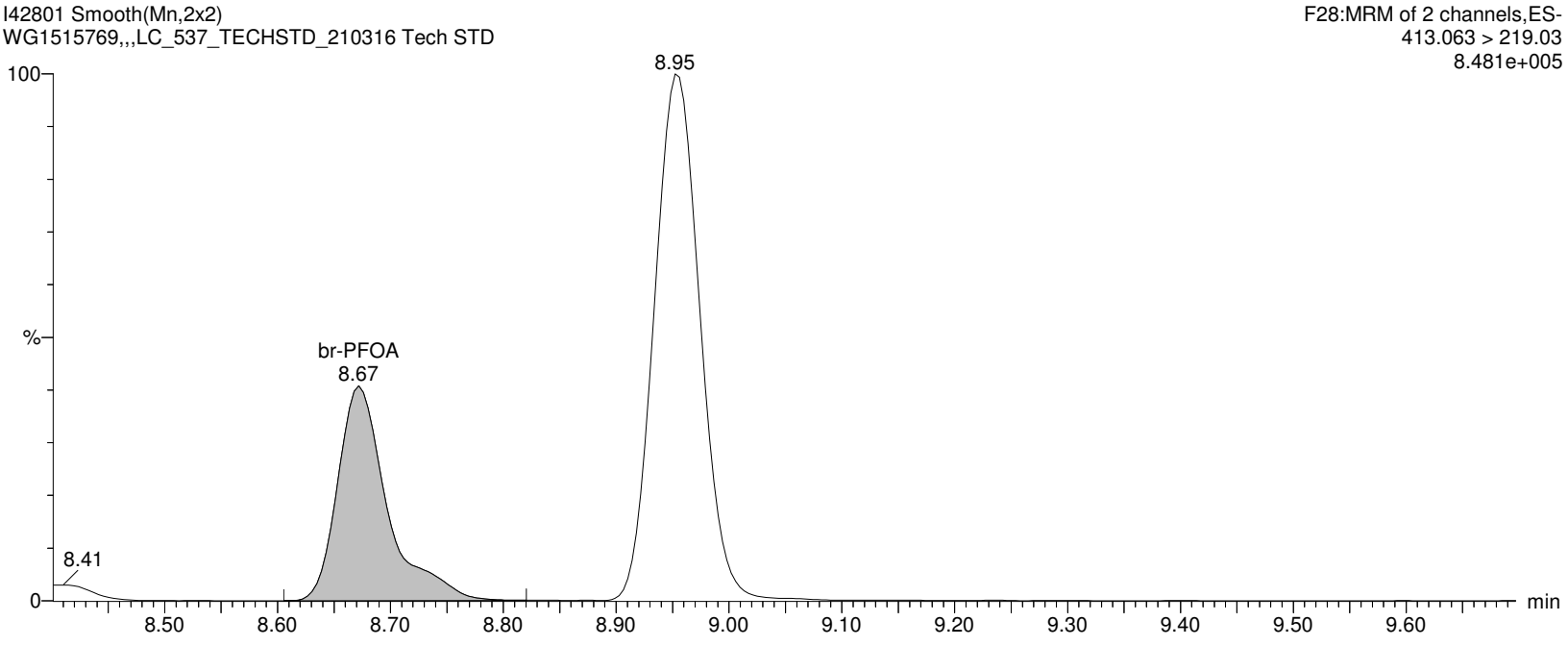
Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 10:27:36 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\MethDB\537ISO_Q_210625_TOP_RT.mdb 28 Jun 2021 09:51:05
Calibration: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

Name: I42801
ID: Tech STD
Date: 25-Jun-2021
Time: 22:45:30
Description: WG1515769,,,LC_537_TECHSTD_210316
User: LCMS02:RS
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOA



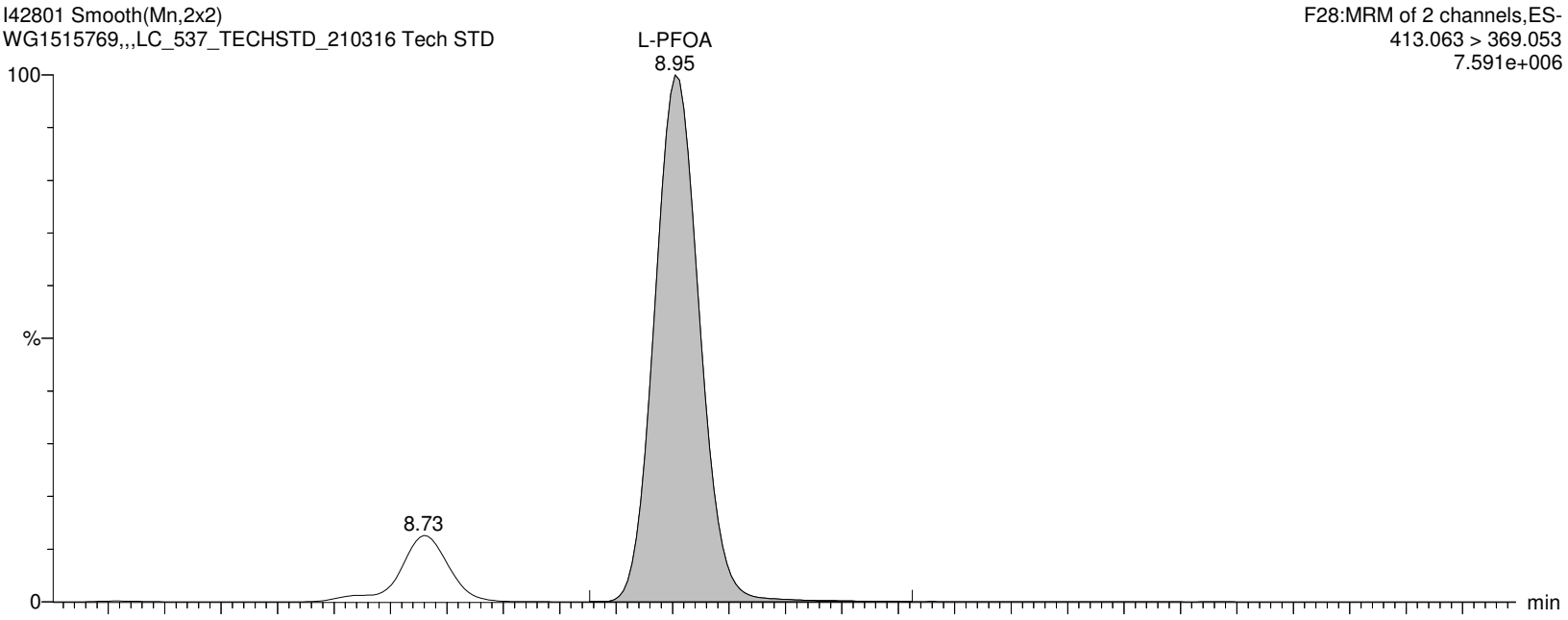


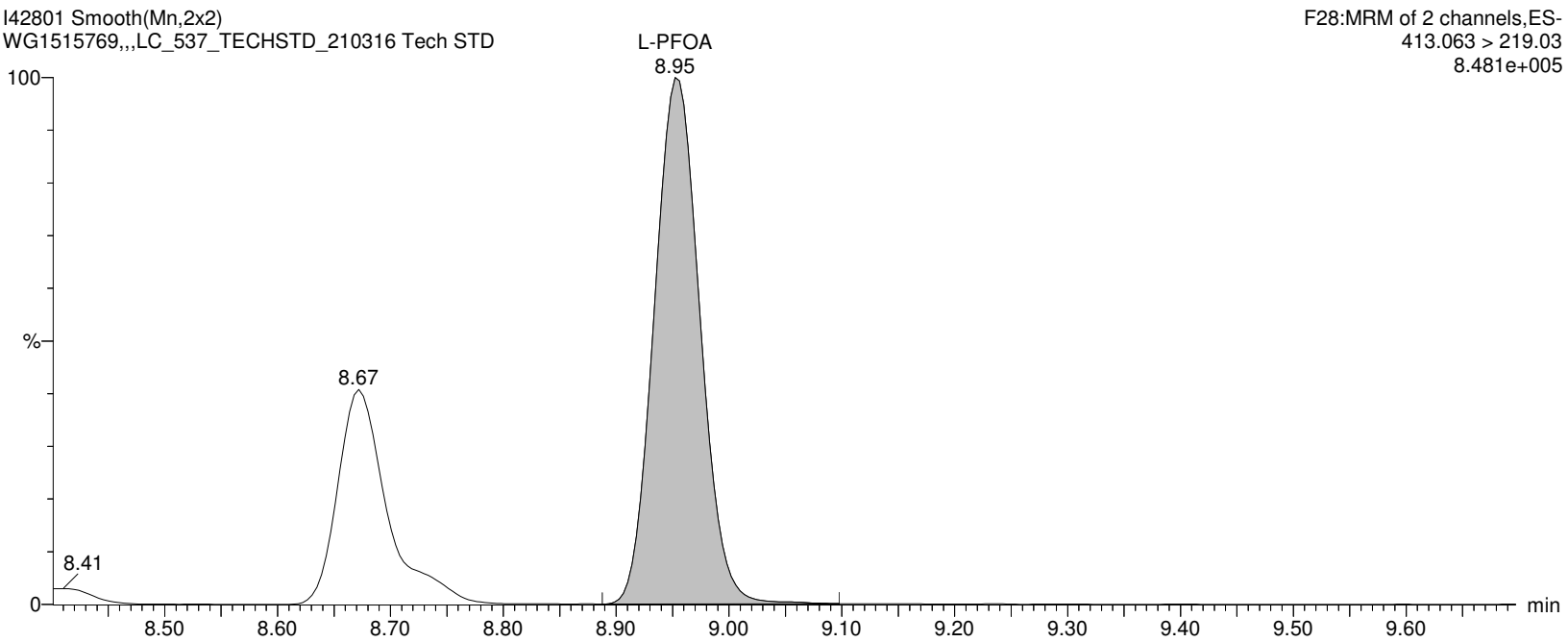
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 10:27:36 Eastern Daylight Time

Name: I42801
ID: Tech STD
Date: 25-Jun-2021
Time: 22:45:30
Description: WG1515769,,,LC_537_TECHSTD_210316
User: LCMS02:RS
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOA



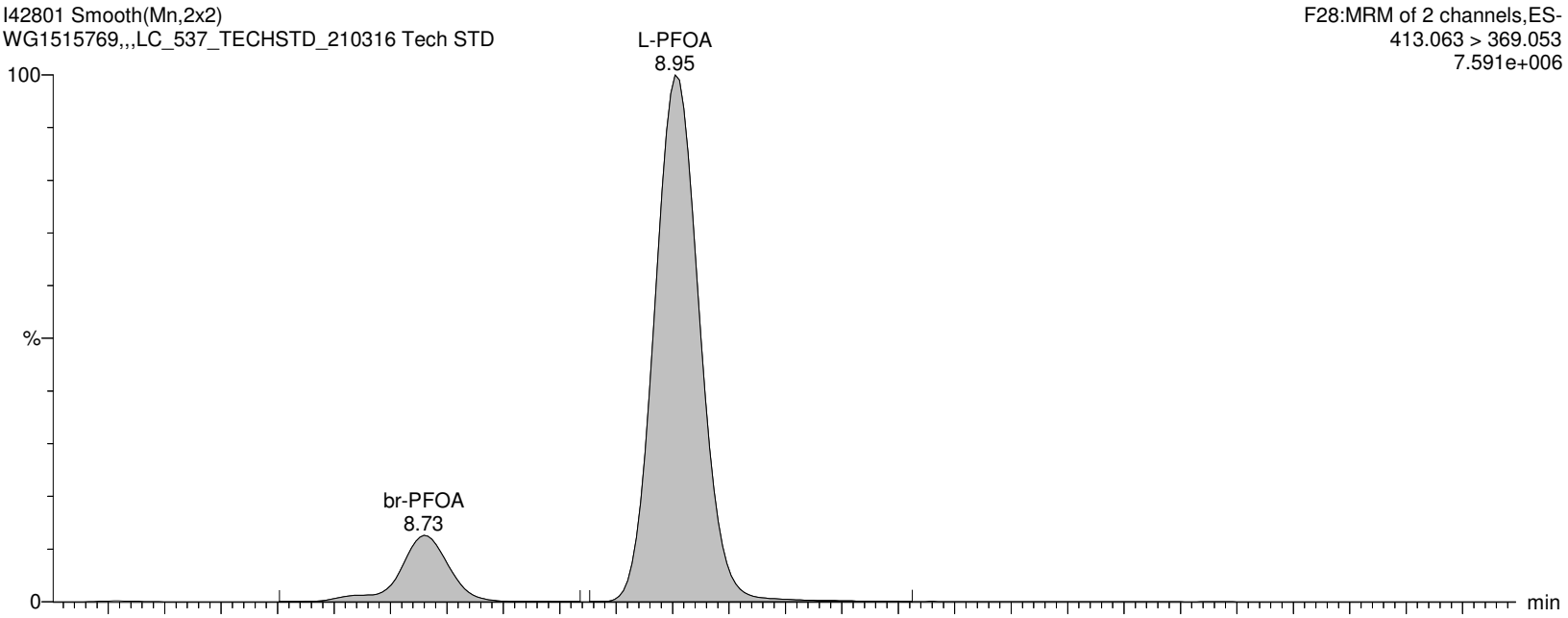


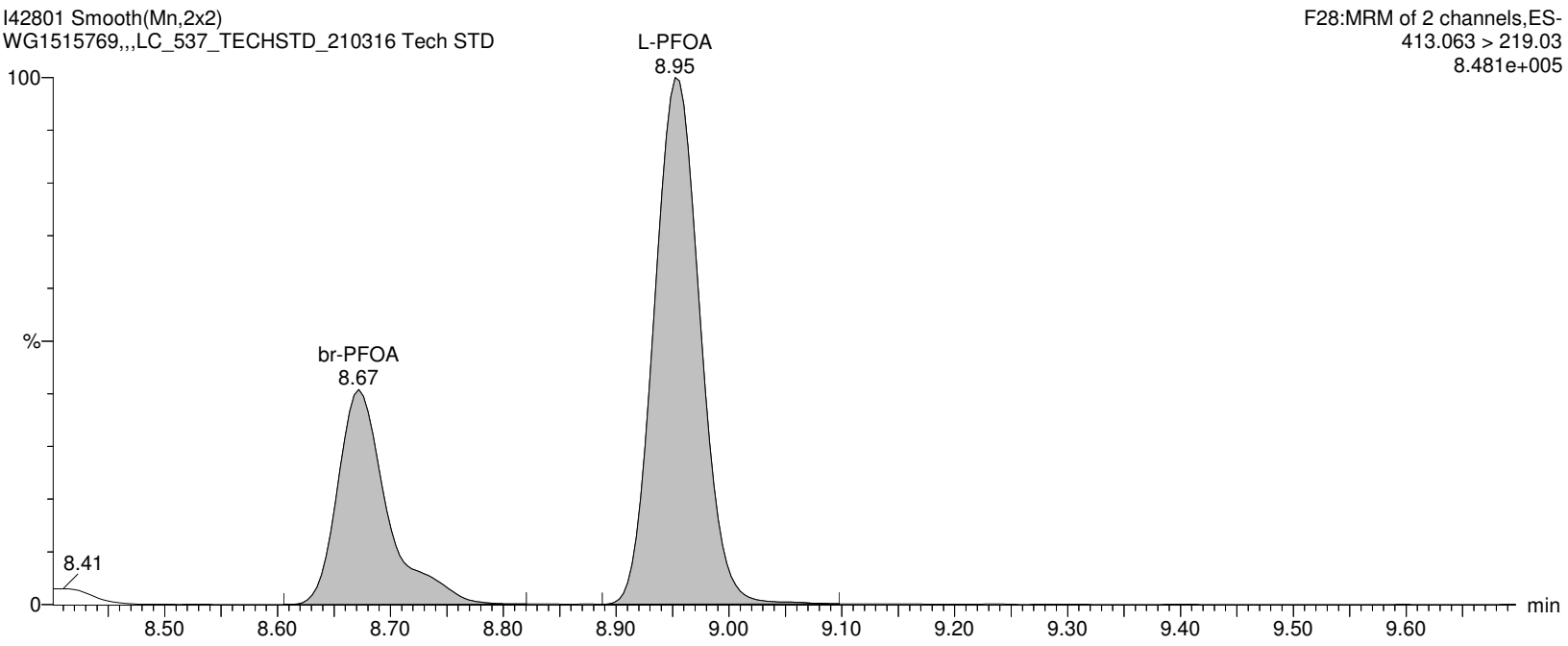
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 10:27:36 Eastern Daylight Time

Name: I42801
ID: Tech STD
Date: 25-Jun-2021
Time: 22:45:30
Description: WG1515769,,,LC_537_TECHSTD_210316
User: LCMS02:RS
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOA



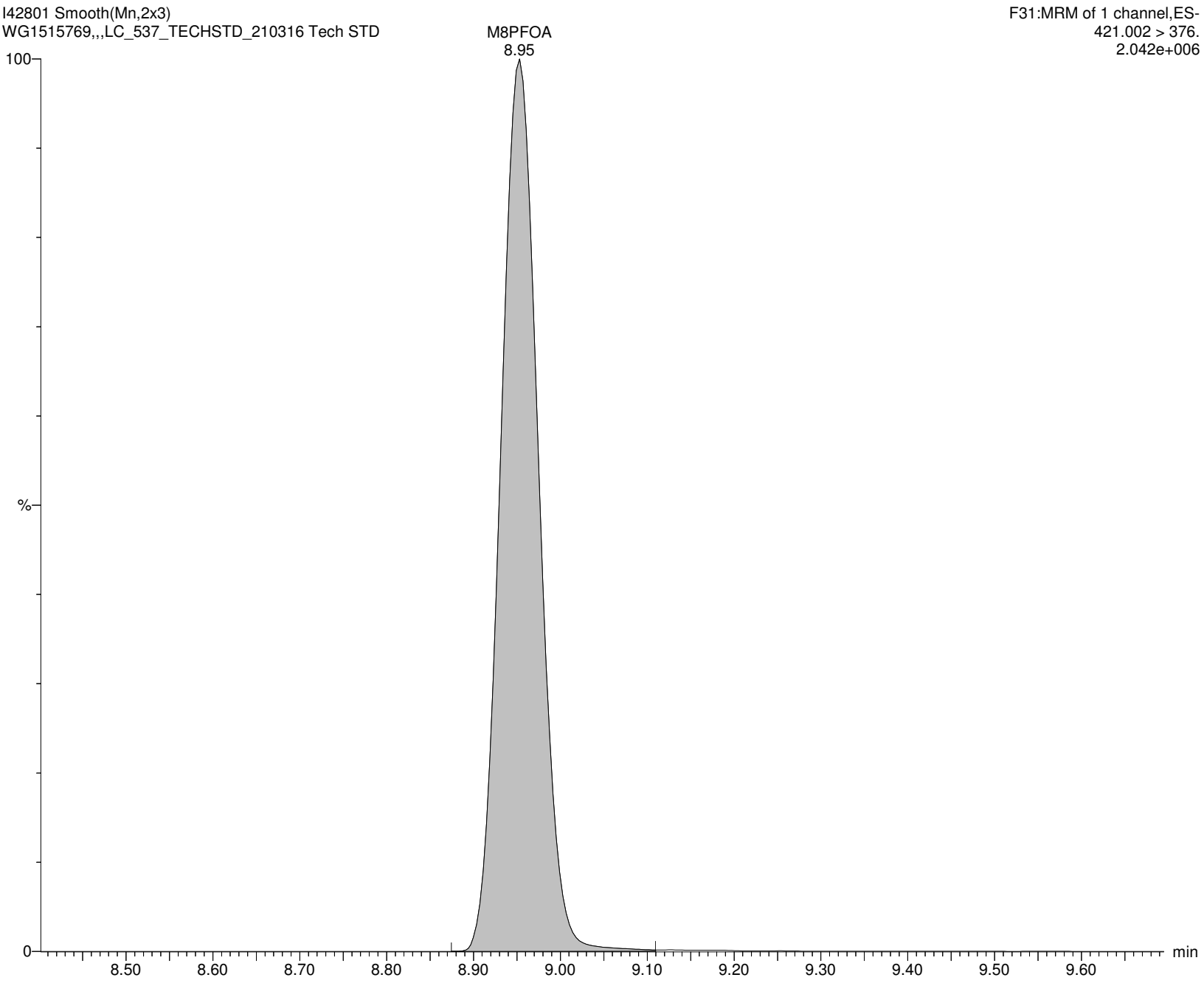


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 10:27:36 Eastern Daylight Time

Name: I42801
ID: Tech STD
Date: 25-Jun-2021
Time: 22:45:30
Description: WG1515769,,,LC_537_TECHSTD_210316
User: LCMS02:RS
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOA

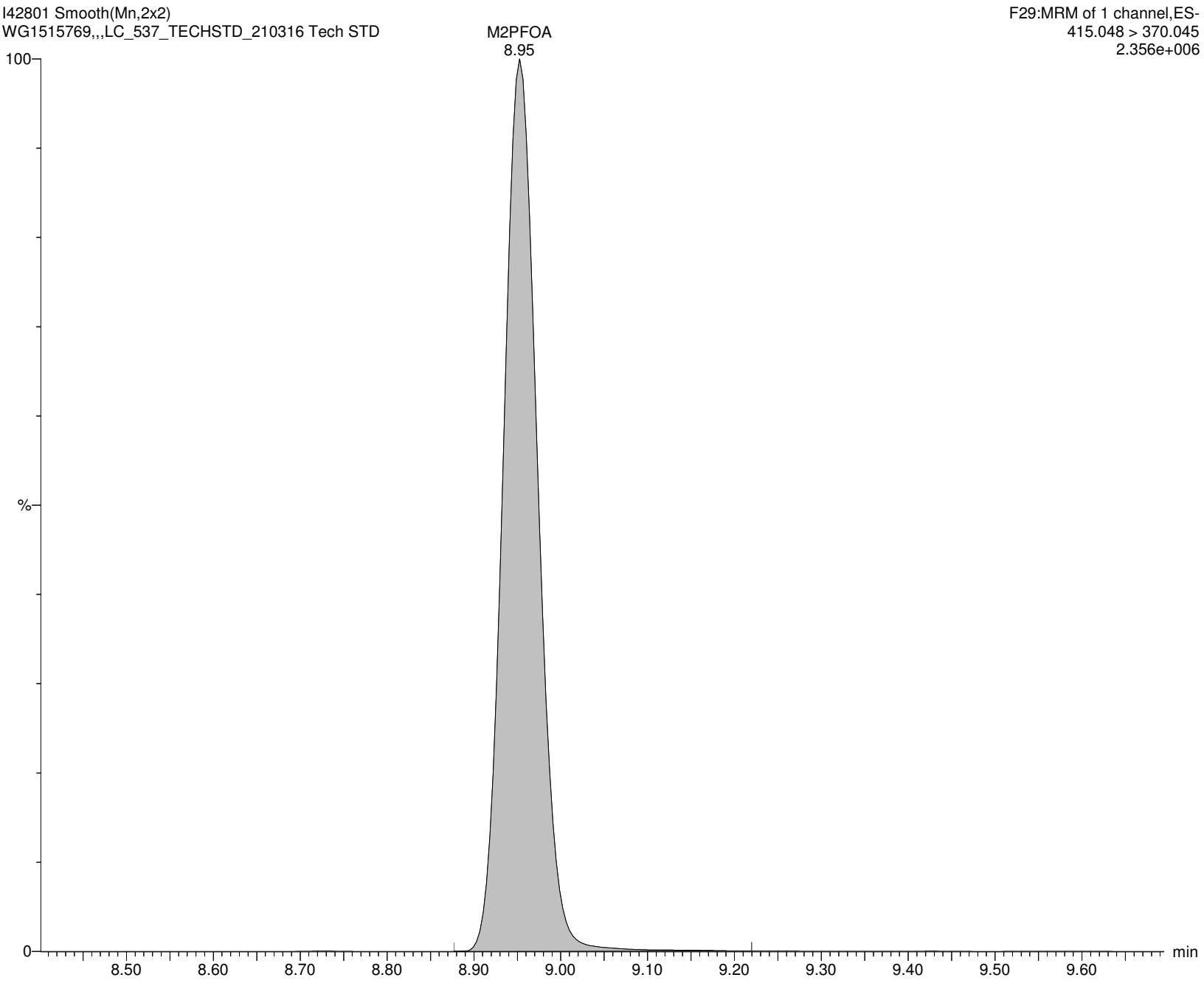


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\Data\210625_537ISOICV_WG1515769.qld
Last Altered: Monday, June 28, 2021 09:54:32 Eastern Daylight Time
Printed: Monday, June 28, 2021 10:27:36 Eastern Daylight Time

Name: I42801
ID: Tech STD
Date: 25-Jun-2021
Time: 22:45:30
Description: WG1515769,,,LC_537_TECHSTD_210316
User: LCMS02:RS
Vial: 1:D,5
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210625_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFOA



all concentration units in (ng/mL)

Continuing Calibration

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526		
Project Name	: GROSSINGERS	**Project Number**	: 9313:11		
Instrument ID	: LCMS02	**Calibration Date**	: 09/14/21 15:36		
Lab File ID	: I46718	**Init. Calib. Date(s)**	: 06/25/21	06/25/21	
Sample No	: WG1546150-1	**Init. Calib. Times**	: 18:20	20:32	
Channel	:				

Compound	Concentration (ng/ml)	True Value (ng/ml)	% Recovery	QC Limits
Perfluorobutanoic Acid (PFBA)	0.485	0.500	97.1	50-150
Perfluoropentanoic Acid (PFPeA)	0.476	0.500	95.2	50-150
Perfluorobutanesulfonic Acid (PFBS)	0.434	0.440	98	50-150
Perfluorohexanoic Acid (PFHxA)	0.496	0.500	99.2	50-150
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	0.592	0.470	126.6	50-150
Perfluoropentanesulfonic Acid (PFPeS)	0.521	0.470	110.9	50-150
Perfluoroheptanoic Acid (PFHpA)	0.483	0.500	96.7	50-150
Perfluorohexanesulfonic Acid-Branched (br-PFHxS)	0.089	0.086	104.1	50-150
Perfluorohexanesulfonic Acid-Linear (L-PFHxS)	0.378	0.370	102.2	50-150
Perfluorohexanesulfonic Acid (PFHxS)	0.466	0.460	-	50-150
Perfluorooctanoic Acid-Branched (br-PFOA)			-	50-150
Perfluorooctanoic Acid-Linear (L-PFOA)	0.539		107.8	50-150
Perfluorooctanoic Acid (PFOA)	0.539	0.500	-	50-150
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	0.583	0.480	122.6	50-150
Perfluoroheptanesulfonic Acid (PFHpS)	0.417	0.480	87.9	50-150
Perfluorononanoic Acid (PFNA)	0.450	0.500	90.1	50-150
Perfluorooctanesulfonic Acid-Branched (br-PFOS)	0.094	0.098	93.8	50-150
Perfluorooctanesulfonic Acid-Linear (L-PFOS)	0.404	0.365	110.7	50-150
Perfluorooctanesulfonic Acid (PFOS)	0.498	0.460	-	50-150
Perfluorodecanoic Acid (PFDA)	0.466	0.500	93.2	50-150
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	0.463	0.480	96.5	50-150
Perfluorononanesulfonic Acid (PFNS)	0.449	0.480	93.5	50-150
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	0.430	0.500	-	50-150
N-Methyl Perfluorooctanesulfonamidoacetic Acid-Branched (br-NMeFOSAA)	0.090		78.7	50-150
N-Methyl Perfluorooctanesulfonamidoacetic Acid-Linear (L-NMeFOSAA)	0.340	0.500	89.5	50-150
Perfluoroundecanoic Acid (PFUnA)	0.470	0.500	95.1	50-150
Perfluorodecanesulfonic Acid (PFDS)	0.430	0.480	90.7	50-150
Perfluorooctanesulfonamide (FOSA)	0.600	0.500	120	50-150
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.480	0.500	-	50-150
N-Ethyl Perfluorooctanesulfonamidoacetic Acid-Branched (br-NEtFOSAA)	0.080		77	50-150
N-Ethyl Perfluorooctanesulfonamidoacetic Acid-Linear (L-NEtFOSAA)	0.390	0.500	102.8	50-150
Perfluorododecanoic Acid (PFDoA)	0.490	0.500	99.8	50-150
Perfluorotridecanoic Acid (PFTrDA)	0.570	0.500	114.7	50-150
Perfluorotetradecanoic Acid (PFTA)	0.470	0.500	94.2	50-150
Perfluoro[13C4]Butanoic Acid (MPFBA)	10.452	10.000	104.5	50-150
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	9.784	10.000	97.8	50-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	9.741	10.000	97.4	50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	9.640	10.000	96.4	50-150
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	10.913	10.000	109.1	50-150
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	10.948	10.000	109.5	50-150
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	9.799	10.000	98	50-150
Perfluoro[13C8]Octanoic Acid (M8PFOA)	10.544	10.000	105.4	50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	10.918	10.000	109.2	50-150

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526	
Project Name	: GROSSINGERS	**Project Number**	: 9313:11	
Instrument ID	: LCMS02	**Calibration Date**	: 09/14/21 15:36	
Lab File ID	: I46718	**Init. Calib. Date(s)**	: 06/25/21	06/25/21
Sample No	: WG1546150-1	**Init. Calib. Times**	: 18:20	20:32
Channel	:			

Compound	Concentration (ng/ml)	True Value (ng/ml)	% Recovery	QC Limits
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	11.935	10.000	119.4	50-150
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	10.560	10.000	105.6	50-150
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	10.886	10.000	108.9	50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	10.652	10.000	106.5	50-150
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	8.360	10.000	83.6	50-150
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	10.740	10.000	107.5	50-150
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	10.590	10.000	106	50-150
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	7.880	10.000	78.9	50-150
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	9.830	10.000	98.4	50-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	8.200	10.000	82.1	50-150
M4PFOS	20.965		209.6	
M2PFDA	20.494		204.9	
M2PFOA	18.911		189.1	
M3PFBA	19.939		199.4	
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid (HFPO-DA)	4.900	0.500	98.2	50-150
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-13C3-Propanoic Acid (M3HFPO-DA)	225.830	10.000	112.9	50-150
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	0.480	0.500	101.9	50-150
Perfluorohexadecanoic Acid (PFHxDA)	0.670	0.500	135.5	50-150
Perfluorooctadecanoic Acid (PFODA)	0.300	0.500	60.7	50-150
Perfluoro[13C2]Hexadecanoic Acid (M2PFHxDA)	7.690	10.000	76.9	50-150
Perfluorododecane Sulfonic Acid (PFDoDS)	0.500	0.500	101.5	50-150
1H,1H,2H,2H-Perfluorododecanesulfonic Acid (10:2FTS)	0.590	0.500	122.7	50-150
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	0.440	0.500	95.1	50-150
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	0.390	0.500	84.1	50-150
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	2.770	0.500	111	50-150
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	2.820	0.500	112.8	50-150
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	1.740	0.500	139.3	50-150
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	1.790	0.500	143.2	50-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (d3-NMeFOSA)	84.700	100.000	84.7	50-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (d5-NEtFOSA)	76.770	10.000	76.8	50-150
2-(N-Methyl-d3-Perfluoro-1-Octanesulfonamido)ethan-d4-ol (d7-NMeFOSE)	83.770	10.000	83.8	50-150
2-(N-Ethyl-d5-Perfluoro-1-Octanesulfonamido)ethan-d4-ol (d9-NEtFOSE)	76.260	10.000	76.3	50-150
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	0.530	0.500	107.3	50-150
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	0.660	0.500	131.9	50-150
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	0.580	0.446	130.4	50-150
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	1.000	0.500	199.9*	50-150
Perfluoropropane Sulfonic Acid (PFPrS)	0.550	0.458	120.8	50-150
1H,1H,2H,2H-Perfluorododecane Sulfonate (M2D4-10:2FTS)	21.070	19.600	106.6	50-150

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526		
Project Name	: GROSSINGERS	**Project Number**	: 9313:11		
Instrument ID	: LCMS02	**Calibration Date**	: 09/15/21 03:46		
Lab File ID	: I46759	**Init. Calib. Date(s)**	: 06/25/21	06/25/21	
Sample No	: WG1546150-4	**Init. Calib. Times**	: 18:20	20:32	
Channel	:				

Compound	Concentration (ng/ml)	True Value (ng/ml)	% Recovery	QC Limits
Perfluorobutanoic Acid (PFBA)	10.577	10.000	105.8	70-130
Perfluoropentanoic Acid (PFPeA)	10.500	10.000	105	70-130
Perfluorobutanesulfonic Acid (PFBS)	9.456	8.850	106.8	70-130
Perfluorohexanoic Acid (PFHxA)	10.603	10.000	106	70-130
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	10.780	9.350	115.3	70-130
Perfluoropentanesulfonic Acid (PFPeS)	10.952	9.400	116.5	70-130
Perfluoroheptanoic Acid (PFHpA)	10.588	10.000	105.9	70-130
Perfluorohexanesulfonic Acid-Branched (br-PFHxS)	1.987	1.720	116.9	70-130
Perfluorohexanesulfonic Acid-Linear (L-PFHxS)	7.677	7.400	103.7	70-130
Perfluorohexanesulfonic Acid (PFHxS)	9.663	9.120	-	70-130
Perfluorooctanoic Acid-Branched (br-PFOA)			-	70-130
Perfluorooctanoic Acid-Linear (L-PFOA)	11.073	10.000	110.7	70-130
Perfluorooctanoic Acid (PFOA)	11.073	10.000	-	70-130
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	10.860	9.500	114.3	70-130
Perfluoroheptanesulfonic Acid (PFHpS)	10.015	9.500	105.4	70-130
Perfluorononanoic Acid (PFNA)	10.641	10.000	106.4	70-130
Perfluorooctanesulfonic Acid-Branched (br-PFOS)	2.410	1.960	120.5	70-130
Perfluorooctanesulfonic Acid-Linear (L-PFOS)	8.024	7.300	109.9	70-130
Perfluorooctanesulfonic Acid (PFOS)	10.433	9.260	-	70-130
Perfluorodecanoic Acid (PFDA)	10.807	10.000	108.1	70-130
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	10.909	9.600	113.6	70-130
Perfluorononanesulfonic Acid (PFNS)	10.543	9.600	109.8	70-130
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	10.787	10.000	-	70-130
N-Methyl Perfluorooctanesulfonamidoacetic Acid-Branched (br-NMeFOSAA)	2.582		107.6	70-130
N-Methyl Perfluorooctanesulfonamidoacetic Acid-Linear (L-NMeFOSAA)	8.205	10.000	108	70-130
Perfluoroundecanoic Acid (PFUnA)	10.996	10.000	110	70-130
Perfluorodecanesulfonic Acid (PFDS)	10.733	9.650	111.2	70-130
Perfluorooctanesulfonamide (FOSA)	11.568	10.000	115.7	70-130
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	11.265	10.000	-	70-130
N-Ethyl Perfluorooctanesulfonamidoacetic Acid-Branched (br-NEtFOSAA)	2.648		117.7	70-130
N-Ethyl Perfluorooctanesulfonamidoacetic Acid-Linear (L-NEtFOSAA)	8.617	10.000	111.2	70-130
Perfluorododecanoic Acid (PFDoA)	10.050	10.000	100.5	70-130
Perfluorotridecanoic Acid (PFTrDA)	11.781	10.000	117.8	70-130
Perfluorotetradecanoic Acid (PFTA)	10.371	10.000	103.7	70-130
Perfluoro[13C4]Butanoic Acid (MPFBA)	10.334	10.000	103.3	50-150
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	9.206	10.000	92.1	50-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	9.677	10.000	96.8	50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	7.888	10.000	78.9	50-150
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	10.735	10.000	107.3	50-150
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	10.849	10.000	108.5	50-150
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	10.342	10.000	103.4	50-150
Perfluoro[13C8]Octanoic Acid (M8PFOA)	9.821	10.000	98.2	50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	8.865	10.000	88.6	50-150

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526	
Project Name	: GROSSINGERS	**Project Number**	: 9313:11	
Instrument ID	: LCMS02	**Calibration Date**	: 09/15/21 03:46	
Lab File ID	: I46759	**Init. Calib. Date(s)**	: 06/25/21	06/25/21
Sample No	: WG1546150-4	**Init. Calib. Times**	: 18:20	20:32
Channel	:			

Compound	Concentration (ng/ml)	True Value (ng/ml)	% Recovery	QC Limits
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	10.481	10.000	104.8	50-150
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	10.598	10.000	106	50-150
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	10.405	10.000	104	50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	8.271	10.000	82.7	50-150
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	9.798	10.000	98	50-150
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	10.363	10.000	103.6	50-150
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	12.044	10.000	120.4	50-150
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	9.532	10.000	95.3	50-150
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	10.527	10.000	105.3	50-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	8.907	10.000	89.1	50-150
M4PFOS	23.401		234	
M2PFDA	19.607		196.1	
M2PFOA	19.840		198.4	
M3PFBA	22.931		229.3	
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid (HFPO-DA)	99.734	10.000	99.7	70-130
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-13C3-Propanoic Acid (M3HFPO-DA)	231.873	10.000	115.9	50-150
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	11.374	10.000	120.2	70-130
Perfluorohexadecanoic Acid (PFHxDA)	11.710	10.000	117.1	70-130
Perfluorooctadecanoic Acid (PFODA)	0.734	10.000	7.3*	70-130
Perfluoro[13C2]Hexadecanoic Acid (M2PFHxDA)	5.187	10.000	51.9	50-150

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526		
Project Name	: GROSSINGERS	**Project Number**	: 9313:11		
Instrument ID	: LCMS02	**Calibration Date**	: 09/15/21 07:38		
Lab File ID	: I46773	**Init. Calib. Date(s)**	: 06/25/21	06/25/21	
Sample No	: WG1546150-5	**Init. Calib. Times**	: 18:20	20:32	
Channel	:				

Compound	Concentration (ng/ml)	True Value (ng/ml)	% Recovery	QC Limits
Perfluorobutanoic Acid (PFBA)	0.486	0.500	97.3	50-150
Perfluoropentanoic Acid (PFPeA)	0.486	0.500	97.3	50-150
Perfluorobutanesulfonic Acid (PFBS)	0.441	0.440	99.8	50-150
Perfluorohexanoic Acid (PFHxA)	0.503	0.500	100.5	50-150
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	0.499	0.470	106.7	50-150
Perfluoropentanesulfonic Acid (PFPeS)	0.470	0.470	100	50-150
Perfluoroheptanoic Acid (PFHpA)	0.493	0.500	98.6	50-150
Perfluorohexanesulfonic Acid-Branched (br-PFHxS)	0.083	0.086	97.3	50-150
Perfluorohexanesulfonic Acid-Linear (L-PFHxS)	0.340	0.370	91.9	50-150
Perfluorohexanesulfonic Acid (PFHxS)	0.423	0.460	-	50-150
Perfluorooctanoic Acid-Branched (br-PFOA)			-	50-150
Perfluorooctanoic Acid-Linear (L-PFOA)	0.564		112.8	50-150
Perfluorooctanoic Acid (PFOA)	0.564	0.500	-	50-150
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	0.510	0.480	107.4	50-150
Perfluoroheptanesulfonic Acid (PFHpS)	0.438	0.480	92.2	50-150
Perfluorononanoic Acid (PFNA)	0.488	0.500	97.6	50-150
Perfluorooctanesulfonic Acid-Branched (br-PFOS)	0.099	0.098	98.8	50-150
Perfluorooctanesulfonic Acid-Linear (L-PFOS)	0.403	0.365	110.3	50-150
Perfluorooctanesulfonic Acid (PFOS)	0.501	0.460	-	50-150
Perfluorodecanoic Acid (PFDA)	0.493	0.500	98.5	50-150
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	0.488	0.480	101.7	50-150
Perfluorononanesulfonic Acid (PFNS)	0.437	0.480	91.1	50-150
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	0.500	0.500	-	50-150
N-Methyl Perfluorooctanesulfonamidoacetic Acid-Branched (br-NMeFOSAA)	0.124		103.6	50-150
N-Methyl Perfluorooctanesulfonamidoacetic Acid-Linear (L-NMeFOSAA)	0.375	0.500	98.7	50-150
Perfluoroundecanoic Acid (PFUnA)	0.509	0.500	101.8	50-150
Perfluorodecanesulfonic Acid (PFDS)	0.490	0.480	101.5	50-150
Perfluorooctanesulfonamide (FOSA)	0.635	0.500	126.9	50-150
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.443	0.500	-	50-150
N-Ethyl Perfluorooctanesulfonamidoacetic Acid-Branched (br-NEtFOSAA)	0.075		67.1	50-150
N-Ethyl Perfluorooctanesulfonamidoacetic Acid-Linear (L-NEtFOSAA)	0.367	0.500	94.7	50-150
Perfluorododecanoic Acid (PFDoA)	0.471	0.500	94.2	50-150
Perfluorotridecanoic Acid (PFTrDA)	0.580	0.500	115.9	50-150
Perfluorotetradecanoic Acid (PFTA)	0.464	0.500	92.9	50-150
Perfluoro[13C4]Butanoic Acid (MPFBA)	10.542	10.000	105.4	50-150
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	9.259	10.000	92.6	50-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	9.608	10.000	96.1	50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	8.353	10.000	83.5	50-150
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	11.012	10.000	110.1	50-150
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	11.052	10.000	110.5	50-150
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	10.191	10.000	101.9	50-150
Perfluoro[13C8]Octanoic Acid (M8PFOA)	9.844	10.000	98.4	50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	9.366	10.000	93.7	50-150

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2148526
Project Name	: GROSSINGERS	**Project Number**	: 9313:11
Instrument ID	: LCMS02	**Calibration Date**	: 09/15/21 07:38
Lab File ID	: I46773	**Init. Calib. Date(s)**	: 06/25/21 06/25/21
Sample No	: WG1546150-5	**Init. Calib. Times**	: 18:20 20:32
Channel	:		

Compound	Concentration (ng/ml)	True Value (ng/ml)	% Recovery	QC Limits
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	10.699	10.000	107	50-150
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	10.310	10.000	103.1	50-150
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	10.698	10.000	107	50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	9.304	10.000	93	50-150
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	9.177	10.000	91.8	50-150
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	10.770	10.000	107.7	50-150
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	11.888	10.000	118.9	50-150
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	9.966	10.000	99.7	50-150
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	10.626	10.000	106.3	50-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	8.603	10.000	86	50-150
M4PFOS	21.683		216.8	
M2PFDA	18.652		186.5	
M2PFOA	17.914		179.1	
M3PFBA	20.553		205.5	
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid (HFPO-DA)	5.937	0.500	118.7	50-150
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-13C3-Propanoic Acid (M3HFPO-DA)	226.474	10.000	113.2	50-150
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	0.542	0.500	114.5	50-150
Perfluorohexadecanoic Acid (PFHxDA)	0.663	0.500	132.6	50-150
Perfluorooctadecanoic Acid (PFODA)	0.210	0.500	42.1*	50-150
Perfluoro[13C2]Hexadecanoic Acid (M2PFHxDA)	7.563	10.000	75.6	50-150

* Value outside of QC limits.

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210914_537ISO.PRO\MethDB\537ISO_Q_210625_TOP_RT2.mdb 03 Sep 2021 08:44:20
Calibration: C:\MassLynx\Data\2021\210914_537ISO.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

ID: WG1546150-1,537ILOW
Name: I46718
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:SG
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.10	213.032 > 169.022	5081		0.485		na	97.1
2	M3PFBA	INT STD	2.10	216.009 > 171.999	104676		19.939		na	199.4
3	MPFBA	INT STD	2.10	217.001 > 171.999	117643		10.452		na	104.5
4	PFPeA	2706-90-3	4.97	263.039 > 219.03	5410		0.476		na	95.2
5	M5PFPEA	INT STD	4.97	268.001 > 222.999	120839		9.784		na	97.8
6	PFBS	375-73-5	5.62	299.092 > 80.062	1202		0.434	2.03	NO	98.0
7	M3PFBS	INT STD	5.62	302.069 > 80.062	25502		9.741		na	97.4
8	4:2FTS	757124-72-4	6.78	327.146 > 307.139	588		0.592	3.56	NO	126.6
9	M2-4:2FTS	INT STD	6.78	329.13 > 309.124	10113		9.640		na	96.4
10	PFHxA	307-24-4	6.86	313.047 > 269.037	7031		0.496	15.98	NO	99.2
11	M5PFHxA	INT STD	6.85	318.009 > 273.007	133650		10.913		na	109.1
12	PFPeS	2706-91-4	7.18	349.1 > 80.062	1325		0.521	2.32	NO	110.9
13	PFHpA	375-85-9	8.12	363.055 > 319.045	9776		0.483	5.70	NO	96.7
14	M4PFHpA	INT STD	8.12	367.025 > 322.022	199895		10.948		na	109.5
15	br-PFHxS	355-46-4	8.05	399.107 > 80.062	214	M5,M7	0.089	1.25	NO	104.1
16	L-PFHxS	355-46-4	8.29	399.107 > 80.062	1200		0.378	1.71	NO	102.2
17	PFHxS	355-46-4		399.107 > 80.062	1414		0.466		na	
18	M3PFHxS	INT STD	8.29	402.084 > 80.062	29094		9.799		na	98.0
19	br-PFOA	335-67-1		413.063 > 369.053			ND		YES	
20	L-PFOA	335-67-1	9.07	413.063 > 369.053	11132		0.539	9.35	NO	107.8
21	PFOA	335-67-1		413.063 > 369.053	11132		0.539		na	
22	M8PFOA	INT STD	9.07	421.002 > 376.	214410		10.544		na	105.4
23	M2PFOA	INT STD	9.07	415.048 > 370.045	200291		18.911		na	189.1
24	6:2FTS	27619-97-2	9.03	427.161 > 407.155	679		0.583	3.81	NO	122.6
25	M2-6:2FTS	INT STD	9.03	429.146 > 409.14	11760		10.918		na	109.2
26	PFHpS	375-92-8	9.16	449.115 > 80.062	840		0.417	1.06	NO	87.9
27	PFNA	375-95-1	9.83	463.071 > 419.061	7841		0.450	3.65	NO	90.1
28	M9PFNA	INT STD	9.82	472.002 > 427.	69714		11.935		na	119.4
29	br-PFOS	1763-23-1	9.69	499.123 > 80.062	286	M5,M7	0.094	2.06	NO	93.8
30	L-PFOS	1763-23-1	9.88	499.123 > 80.062	999		0.404	1.79	NO	110.7
31	PFOS	1763-23-1		499.123 > 80.062	1285		0.498		na	
32	M4PFOS	INT STD	9.88	503.093 > 80.062	23729		20.965		na	209.6
33	M8PFOS	INT STD	9.88	507.062 > 80.062	28078		10.560		na	105.6
34	PFDA	335-76-2	10.45	513.078 > 469.069	7163		0.466	5.46	NO	93.2
35	M2PFDA	INT STD	10.45	515.053 > 469.934	125016		20.494		na	204.9
36	M6PFDA	INT STD	10.45	519.033 > 474.03	154475		10.886		na	108.9
37	8:2FTS	39108-34-4	10.45	527.177 > 507.171	256	M4	0.463	5.66	NO	96.5
38	M2-8:2FTS	INT STD	10.45	529.162 > 509.155	8434		10.652		na	106.5
39	PFNS	68259-12-1	10.49	549.131 > 80.062	974		0.449	1.49	NO	93.5

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

ID: WG1546150-1,537ILOW
Name: I46718
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:SG
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.85	573.22 > 419.061	11186		8.364		na	83.6
41	br-NMeFOSAA		10.70	570.202 > 419.061	41	M7	0.094	1.39	NO	78.7
42	L-NMeFOSAA		10.86	570.202 > 419.061	414		0.340	2.17	NO	89.5
43	NMeFOSAA	2355-31-9		570.202 > 419.061	455		0.434		na	
44	PFUnA	2058-94-8	11.00	563.086 > 519.076	6825		0.476	10.01	NO	95.1
45	M7-PFUDA	INT STD	11.00	570.033 > 525.031	142226		10.747		na	107.5
46	PFDS	335-77-3	11.02	599.139 > 80.062	1020		0.437	1.76	NO	90.7
47	FOSA	754-91-6	10.94	498.146 > 78.07	4184	M7	0.600	113.82	NO	120.0
48	M8FOSA	INT STD	10.94	506.077 > 78.07	81418		10.598		na	106.0
49	br-NEtFOSAA		11.01	584.229 > 419.061	25	M5,M7	0.087	0.71	NO	77.0
50	L-NEtFOSAA		11.15	584.229 > 419.061	343		0.398	1.13	NO	102.8
51	NEtFOSAA	2991-50-6		584.229 > 419.061	368		0.485		na	
52	d5-NEtFOSAA	INT STD	11.14	589.259 > 419.061	8719		7.889		na	78.9
53	PFDoA	307-55-1	11.47	613.094 > 569.084	6577		0.499	26.78	NO	99.8
54	MPFDOA	INT STD	11.47	615.079 > 570.077	125567		9.835		na	98.4
55	PFTrDA	72629-94-8	11.89	663.102 > 619.092	5233		0.574	12.35	NO	114.7
56	PFTA	376-06-7	12.26	713.11 > 669.1	3014		0.471	9.22	NO	94.2
57	M2PFTEDA	INT STD	12.25	715.094 > 670.092	32865		8.207		na	82.1
58	M3HFPO-DA	INT STD	7.29	287.02 > 169.022	12798		225.838		na	112.9
59	HFPO-DA	13252-13-6	7.28	285.035 > 169.022	305	M7	4.909	3.13	NO	98.2
60	ADONA	958445-44-8	8.31	377.06 > 251.028	8205		0.482	40.72	NO	101.9
61	PFHxDA		12.72	813.122 > 769.116	2021		0.677	26.58	NO	135.5
62	PFODA		12.94	913.411 > 869.131	111		0.303	82.17	YES	60.7
63	M2PFHxDA		12.72	815.102 > 770.108	45121		7.693		na	76.9
64	PFDoS		11.88	699.154 > 80.062	772		0.507	2.42	NO	101.5
65	M2D4-10:2FTS		11.48	633.201 > 612.189	8833		21.070		na	106.6
66	10:2FTS		11.49	627.192 > 607.186	307	M7	0.591	2.60	NO	122.7
67	9CL-PF3ONS		10.23	530.862 > 350.843	5010		0.443	2.78	NO	95.1
68	11CL-PFOUdS		11.28	630.862 > 450.854	4147		0.396	3.03	NO	84.1
69	NMeFOSA		11.57	512.163 > 169.022	2996		2.775	1.74	NO	111.0
70	d3-NMeFOSA		11.56	515.183 > 169.022	133327		84.707		na	84.7
71	NEtFOSA		11.87	526.192 > 169.022	3000		2.820	5.16	NO	112.8
72	d5-NEtFOSA		11.86	531.222 > 169.022	134144		76.772		na	76.8
73	NMeFOSE		11.57	615.8 > 59.045	4073		1.742		na	139.3
74	d7-NMeFOSE		11.55	622.84 > 59.045	108127		83.771		na	83.8
75	NEtFOSE		11.85	629.862 > 59.045	4708		1.790		na	143.2
76	d9-NEtFOSE		11.83	638.734 > 59.045	99407		76.267		na	76.3
77	PFPrS	423-41-6	3.45	249.084 > 80.062	1375		0.553	2.86	NO	120.8
78	PFMPA		3.44	229.032 > 85.006	4067		0.537		na	107.3
79	PFMBA		5.69	279.042 > 85.006	5153		0.660		na	131.9
80	PFEESA		6.37	315.093 > 135.013	7455		0.580	22.27	NO	130.4
81	NFDHA		6.63	295.032 > 201.027	91		1.000	103.77	YES	199.9

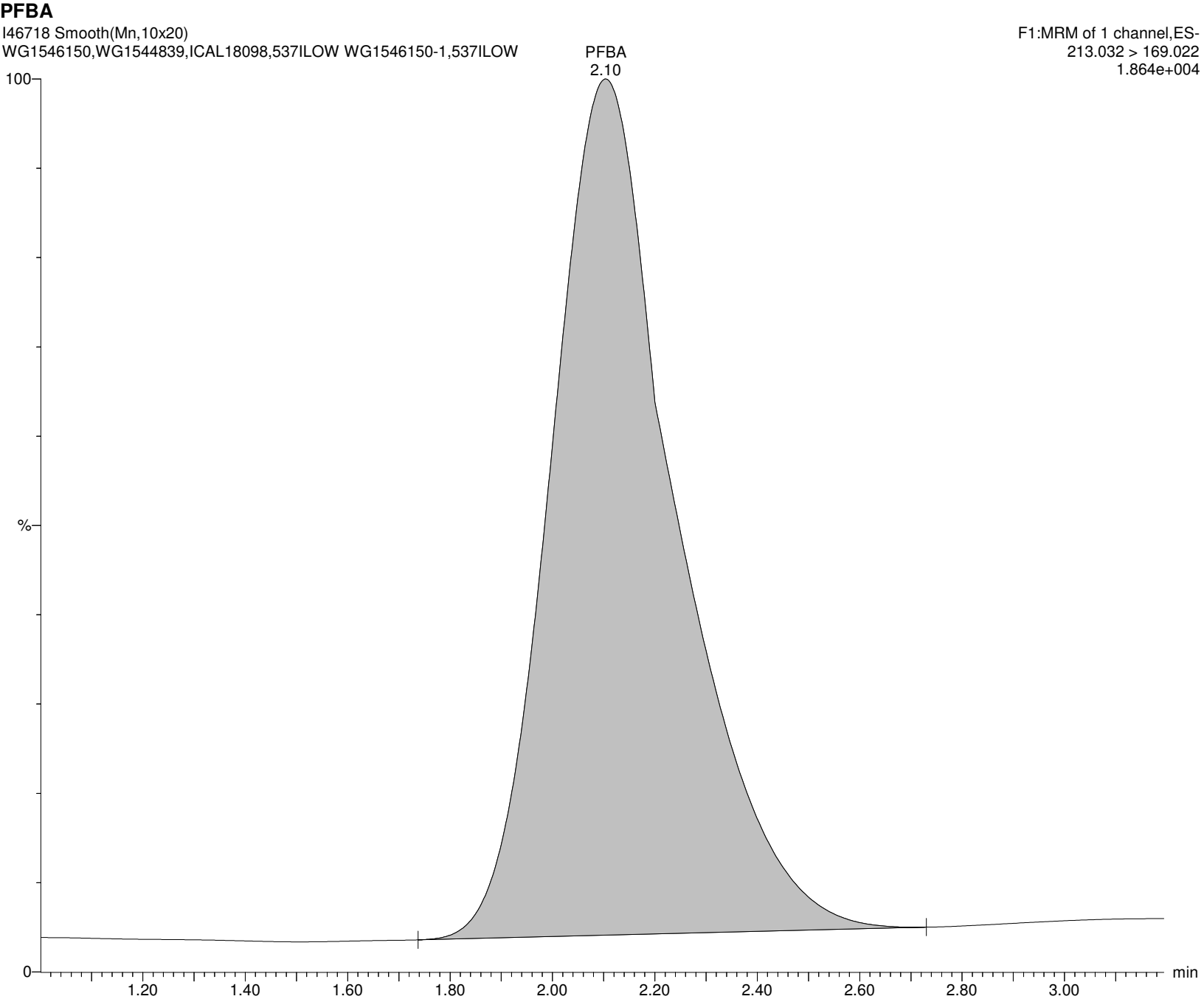
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210914_537ISO.PRO\MethDB\537ISO_Q_210625_TOP_RT2.mdb 03 Sep 2021 08:44:20
Calibration: C:\MassLynx\Data\2021\210914_537ISO.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBA

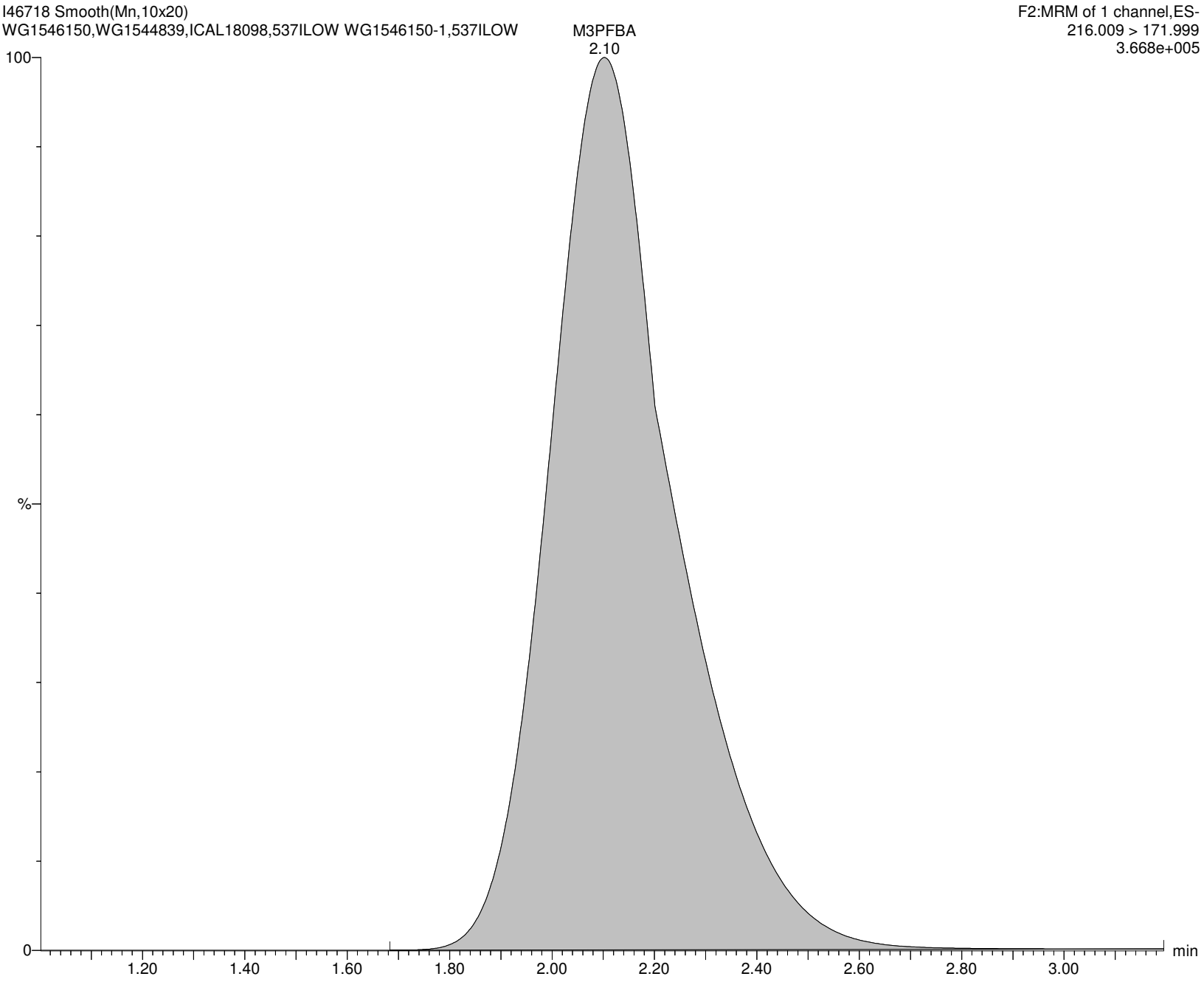


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBA

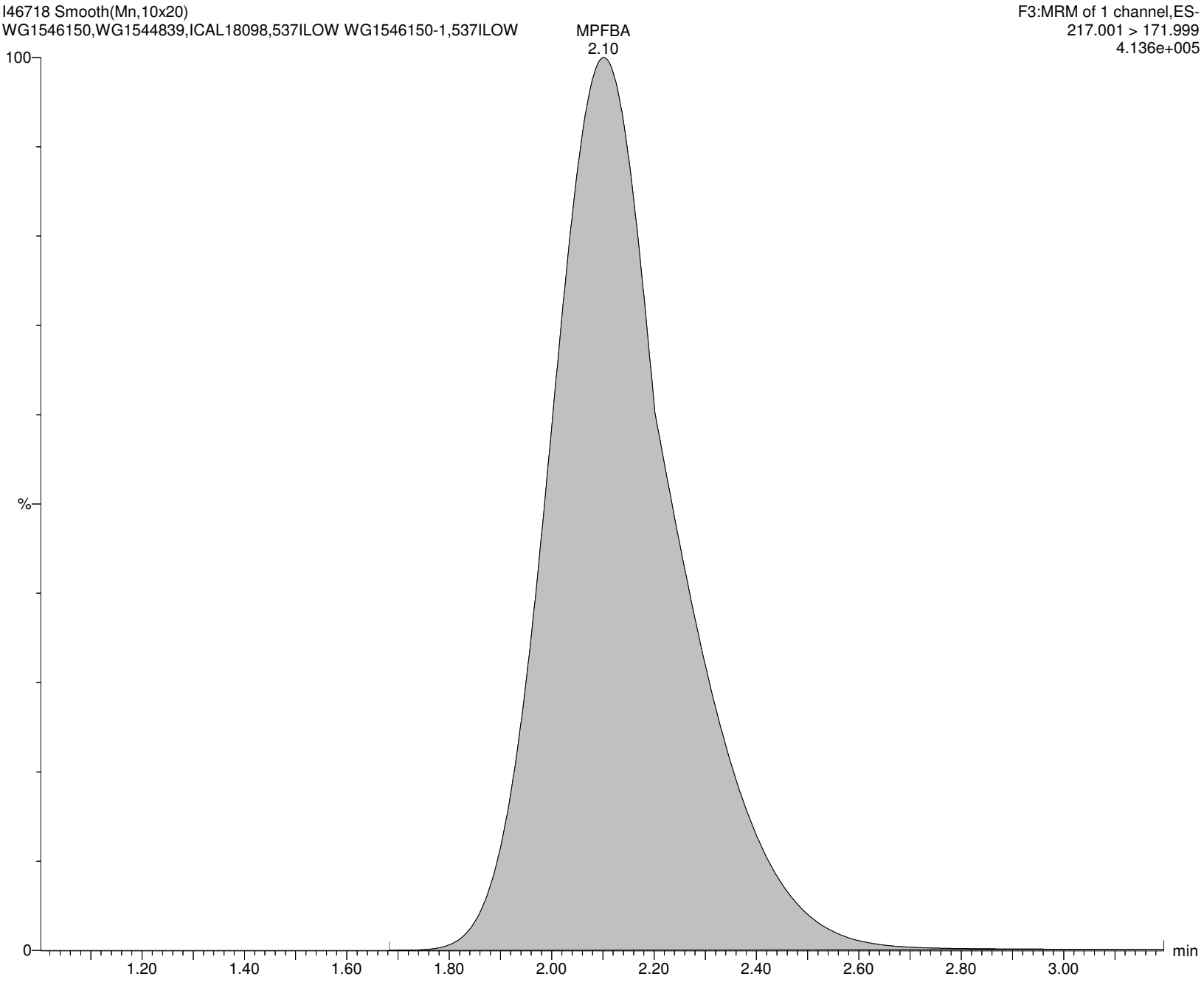


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFBA

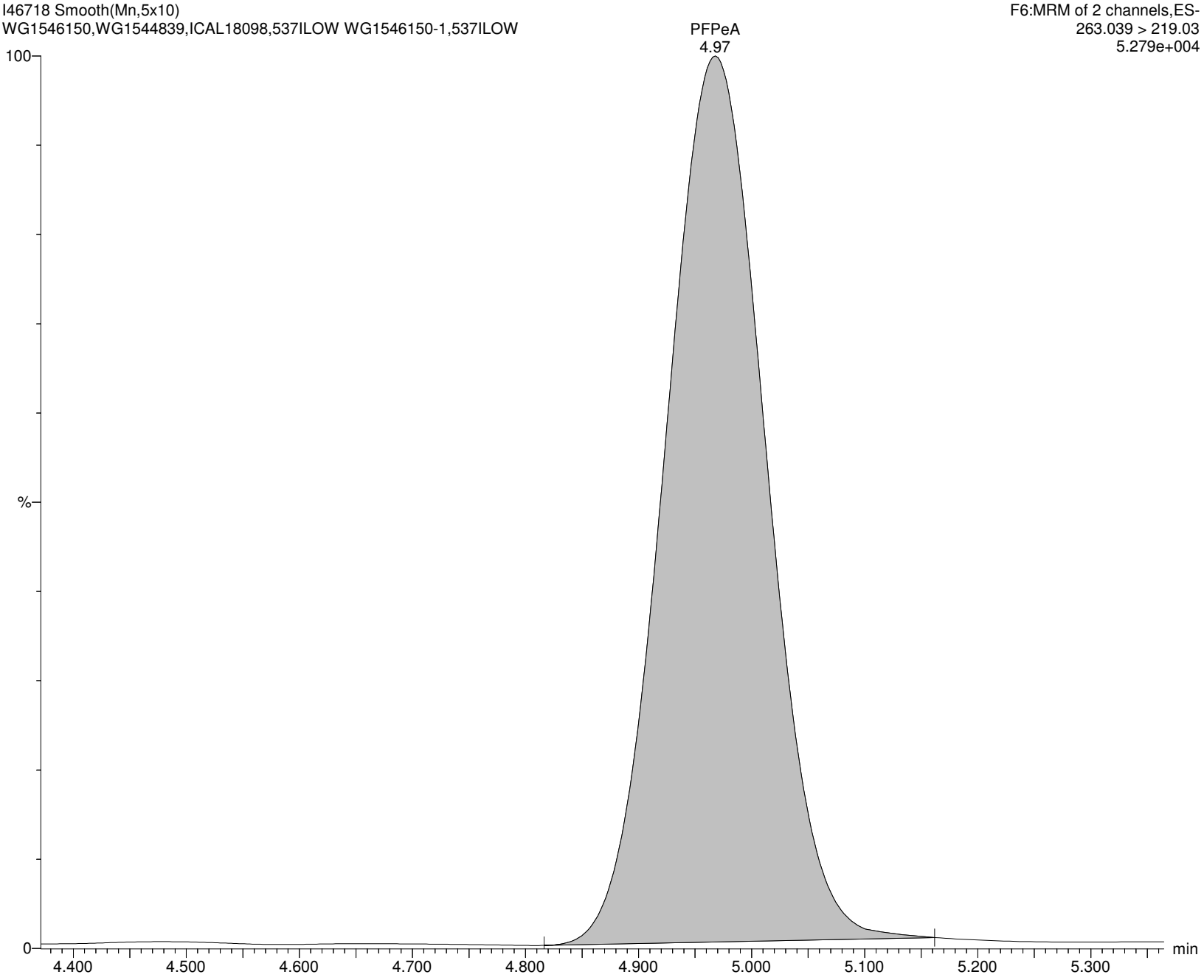


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeA

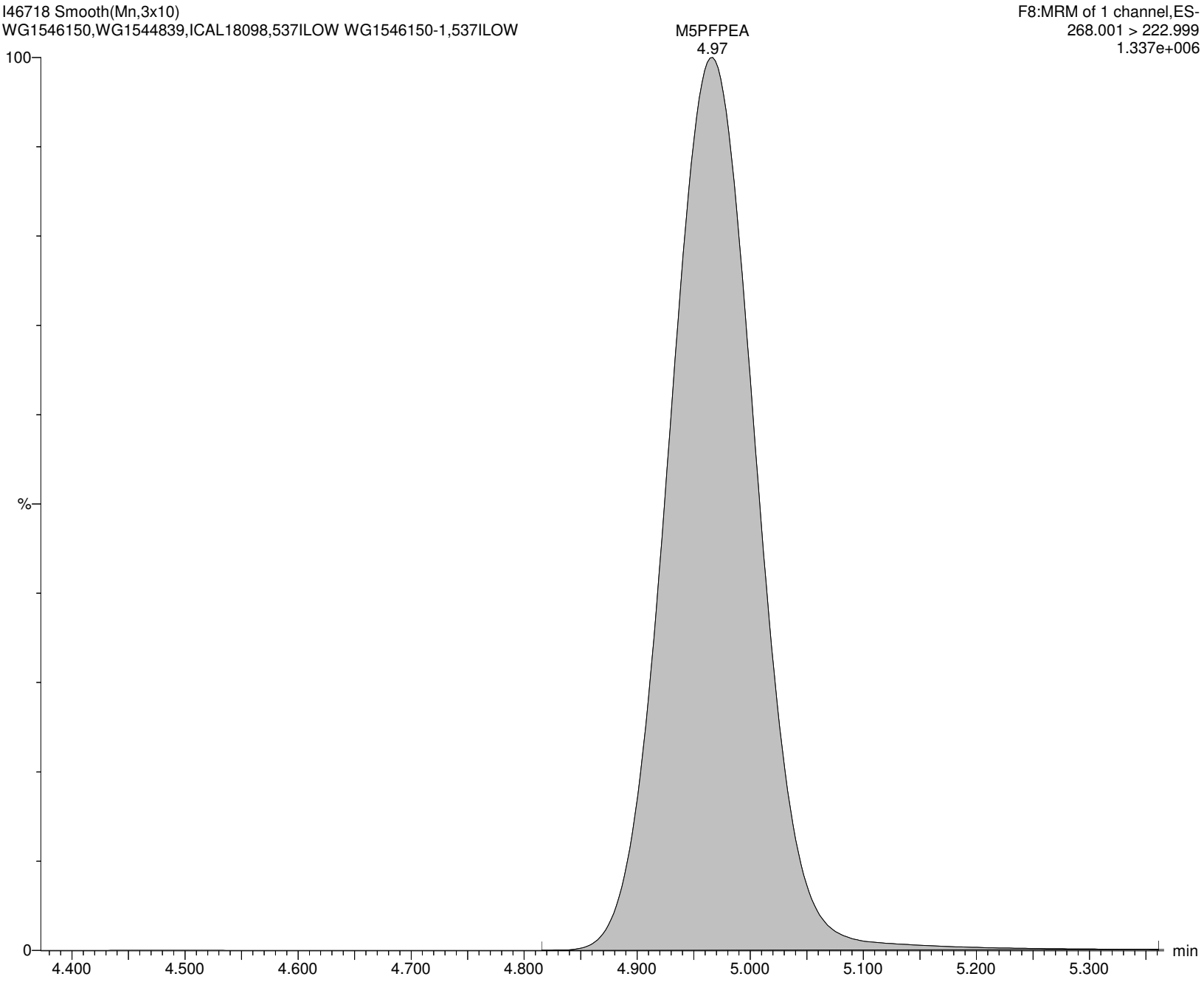


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFPEA

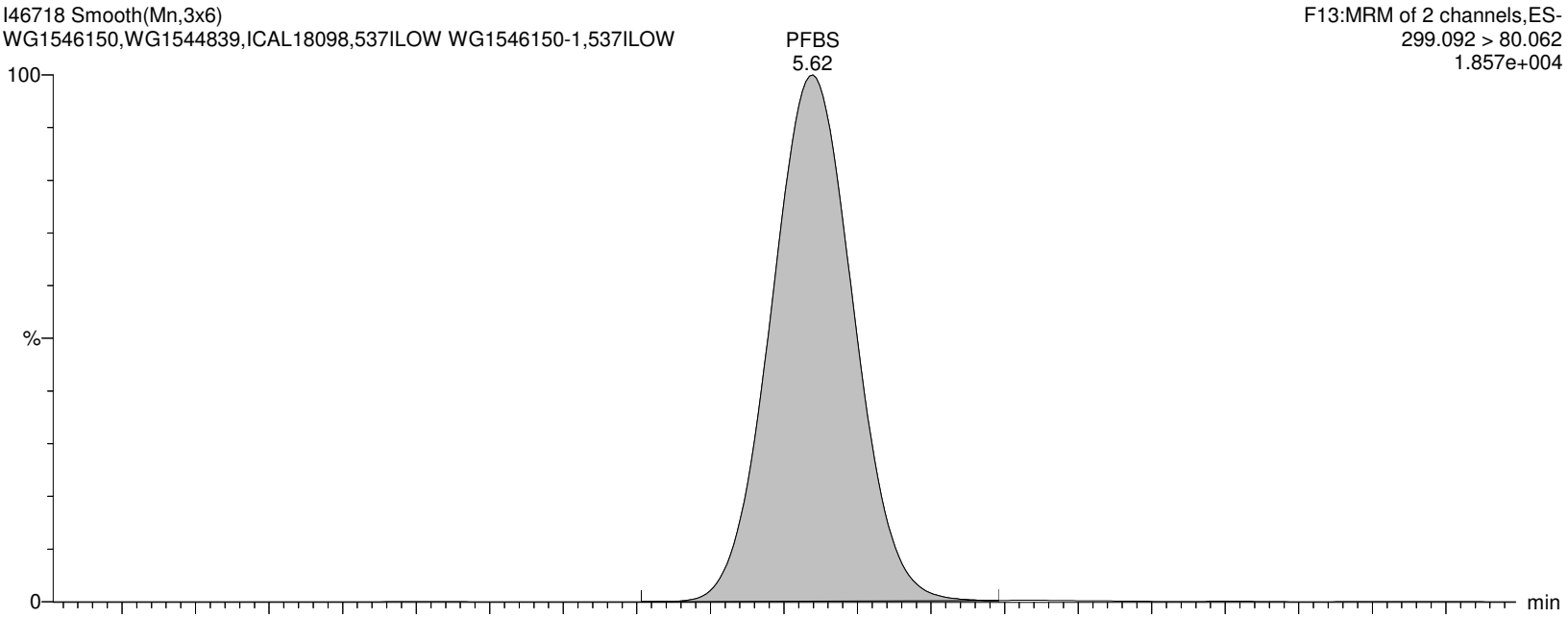


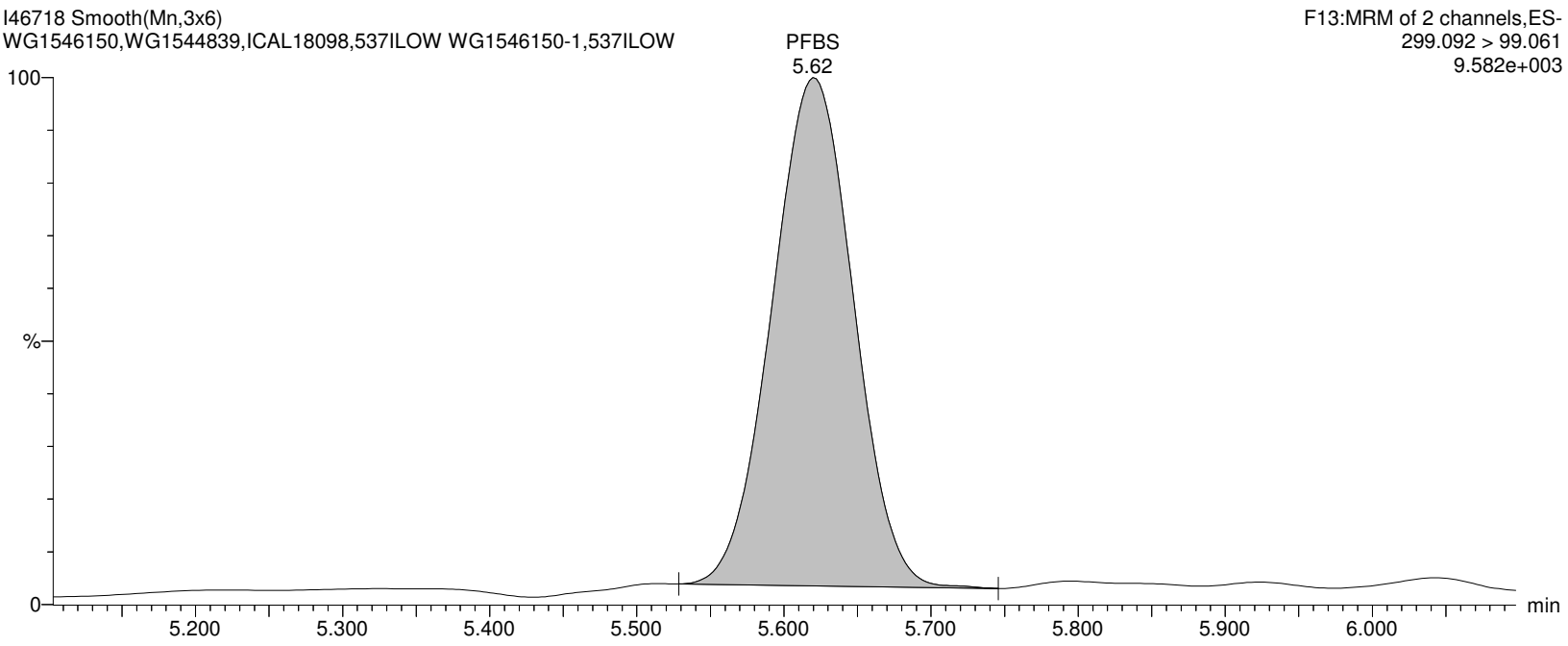
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBS



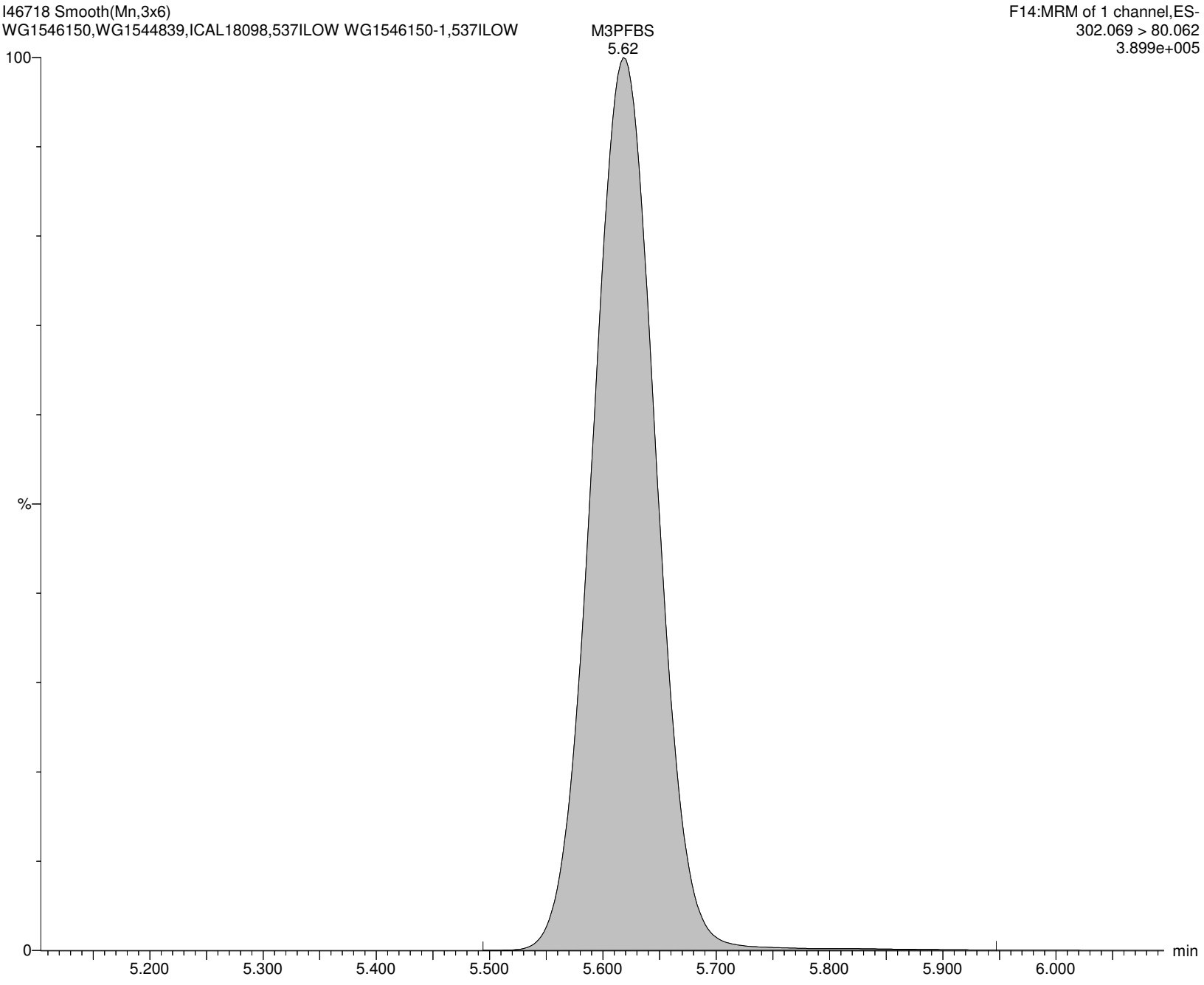


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBS

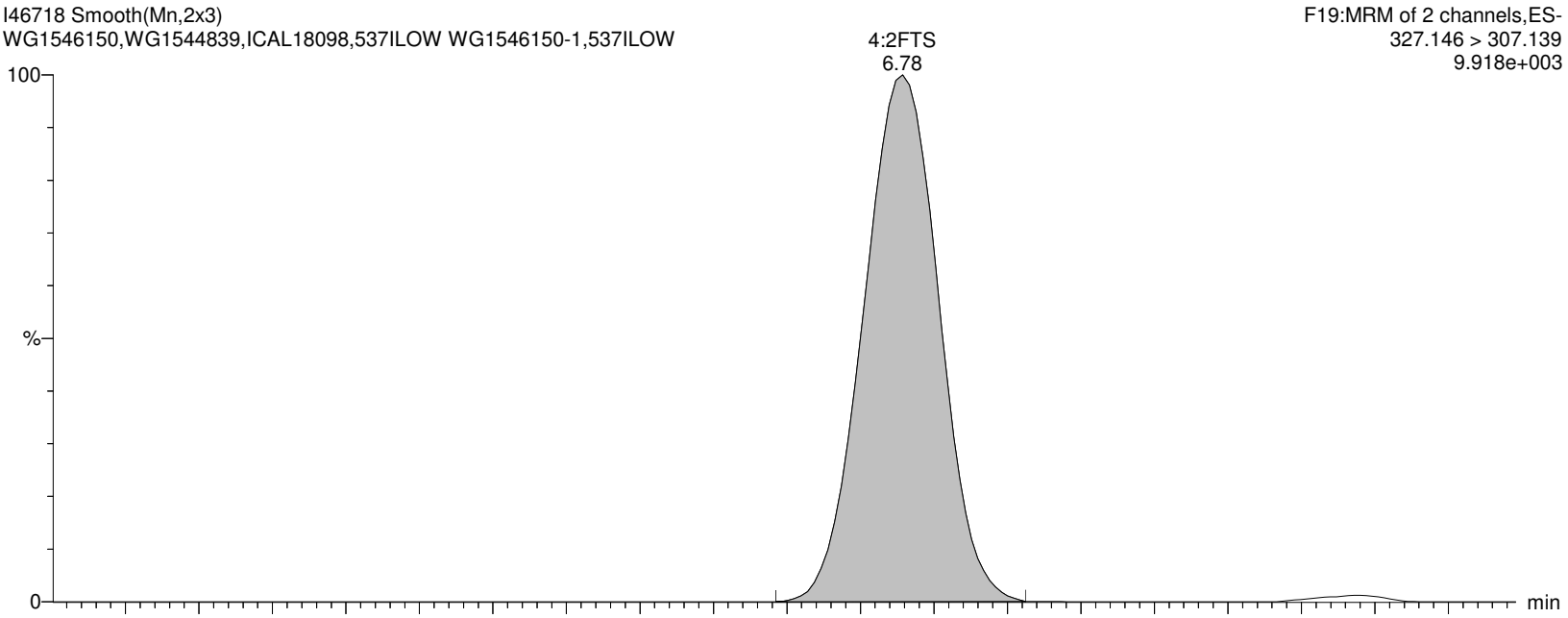


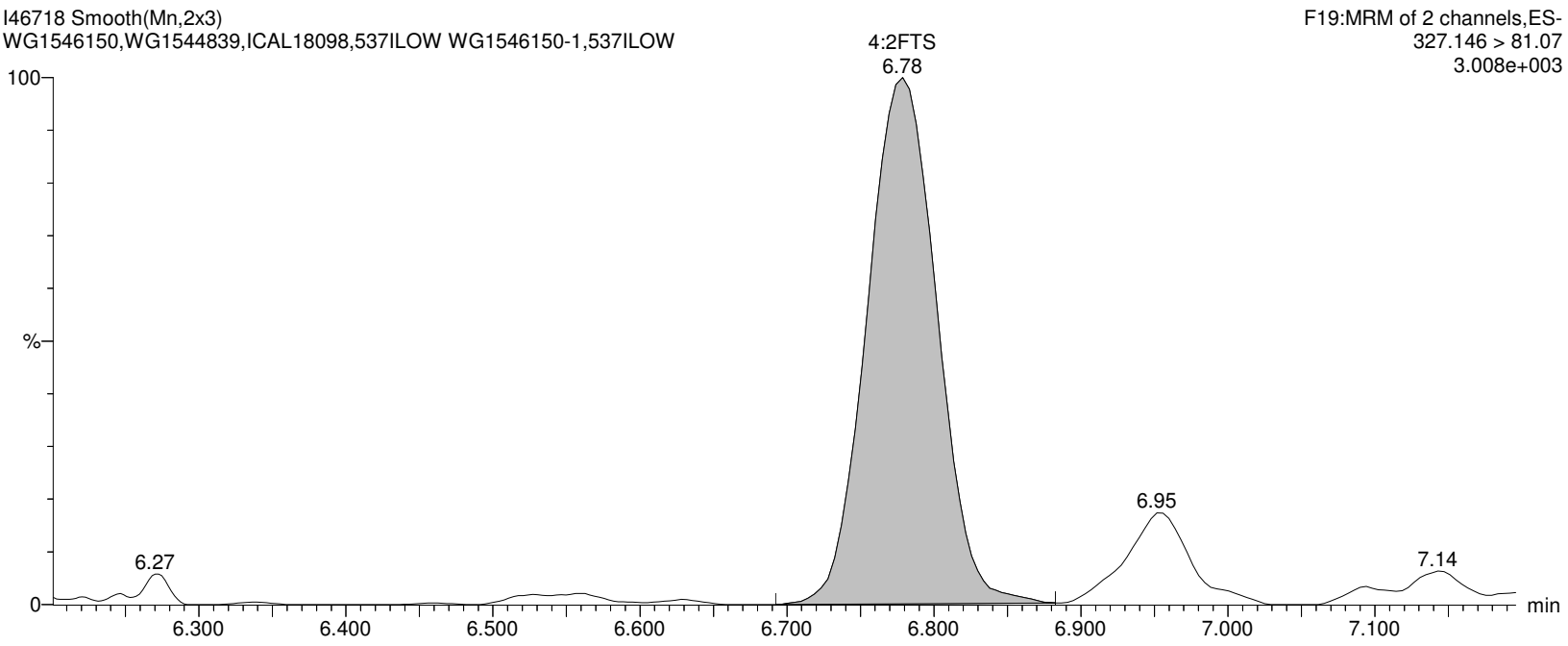
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

4:2FTS



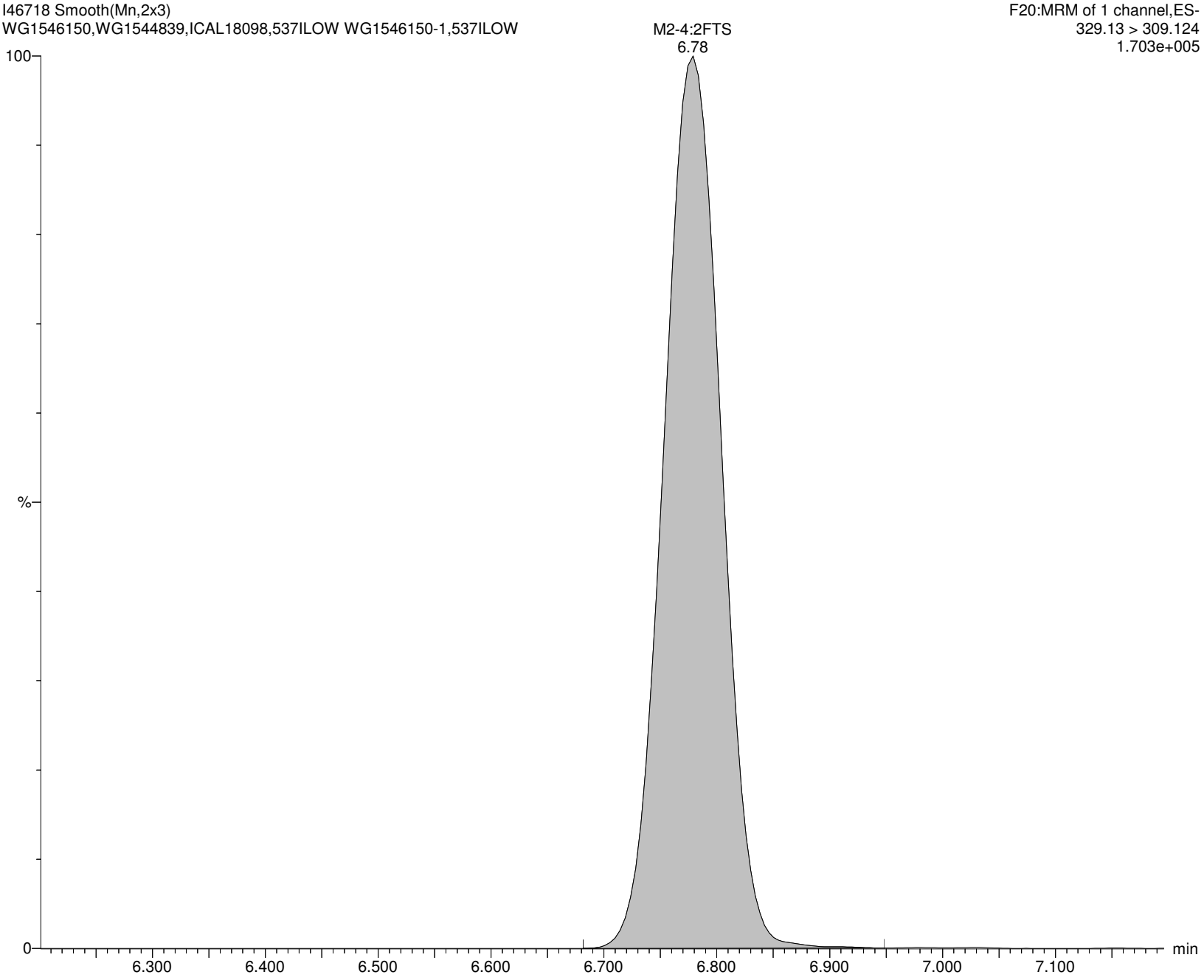


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-4:2FTS

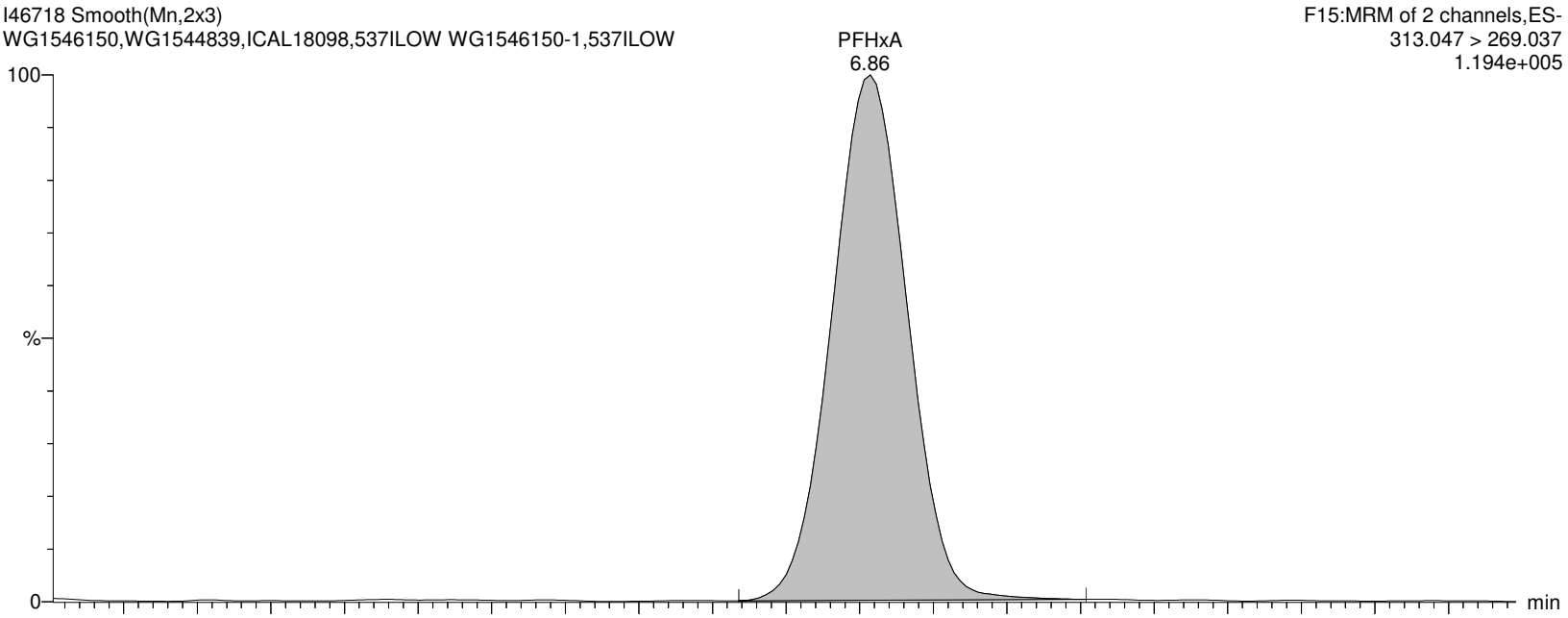


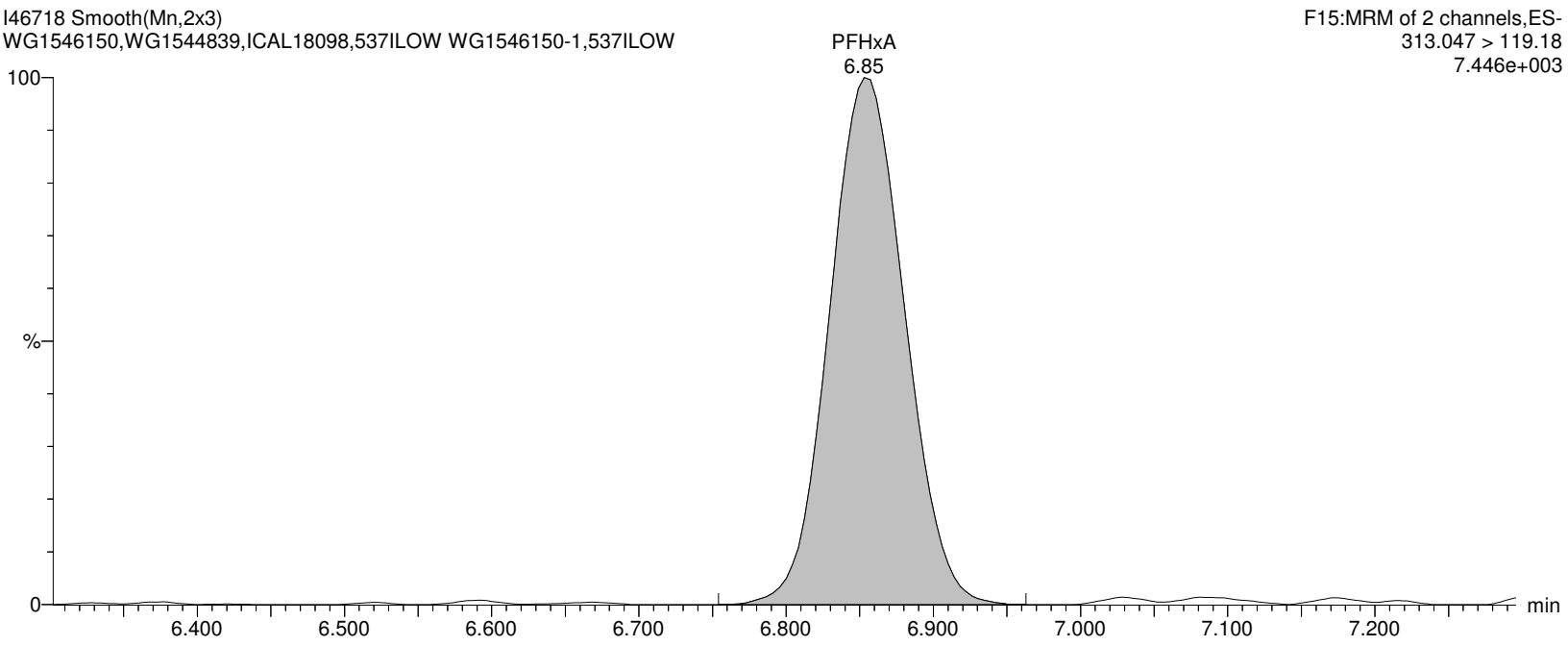
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxA



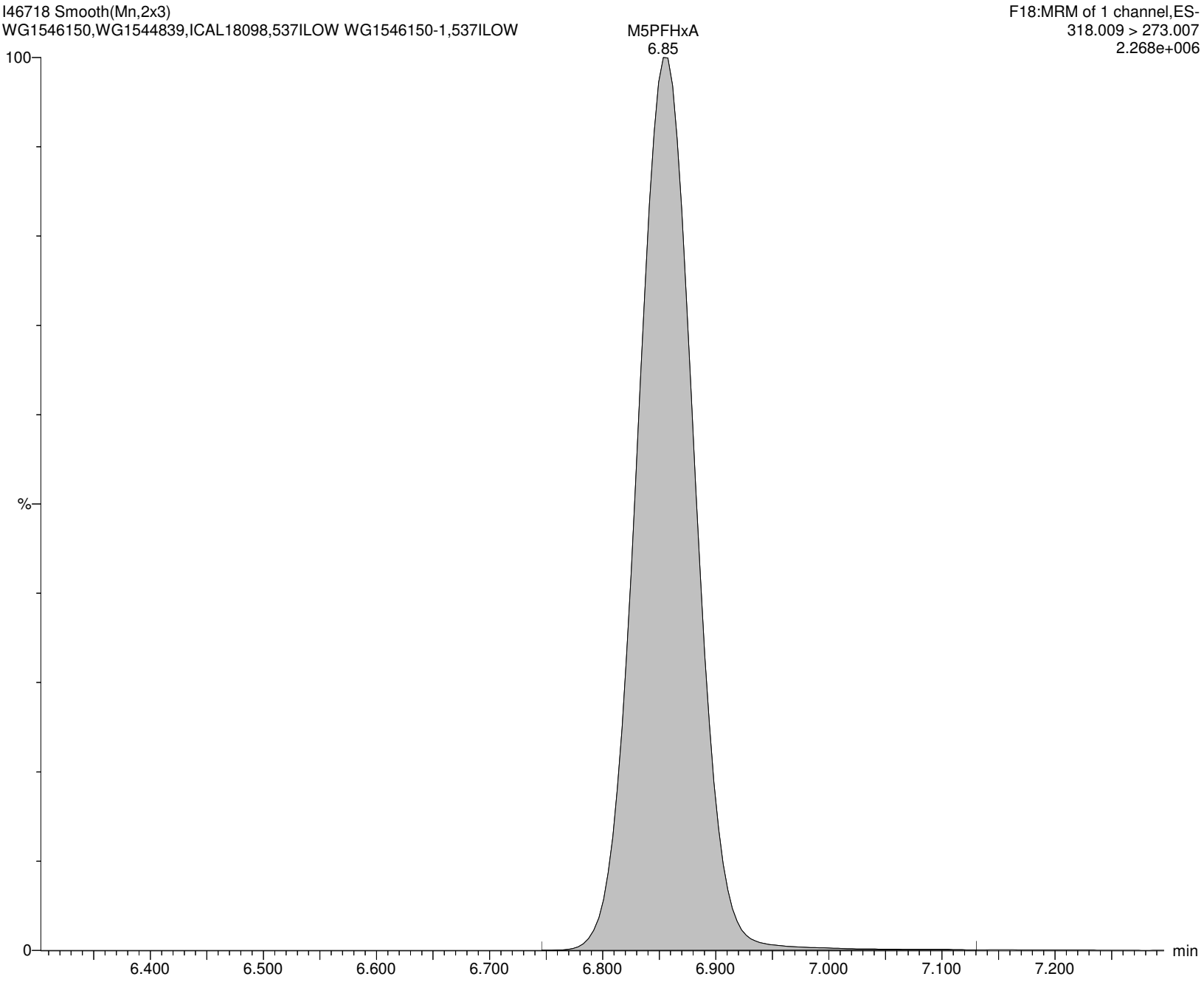


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFHxA

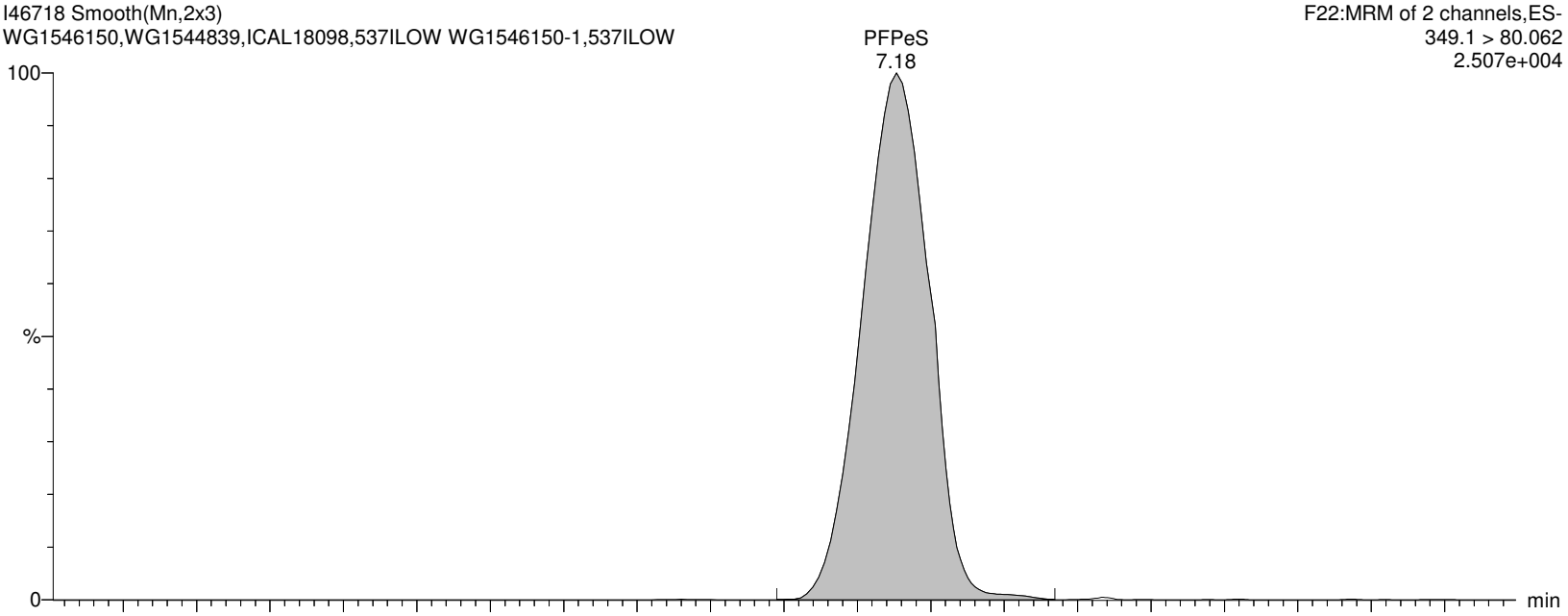


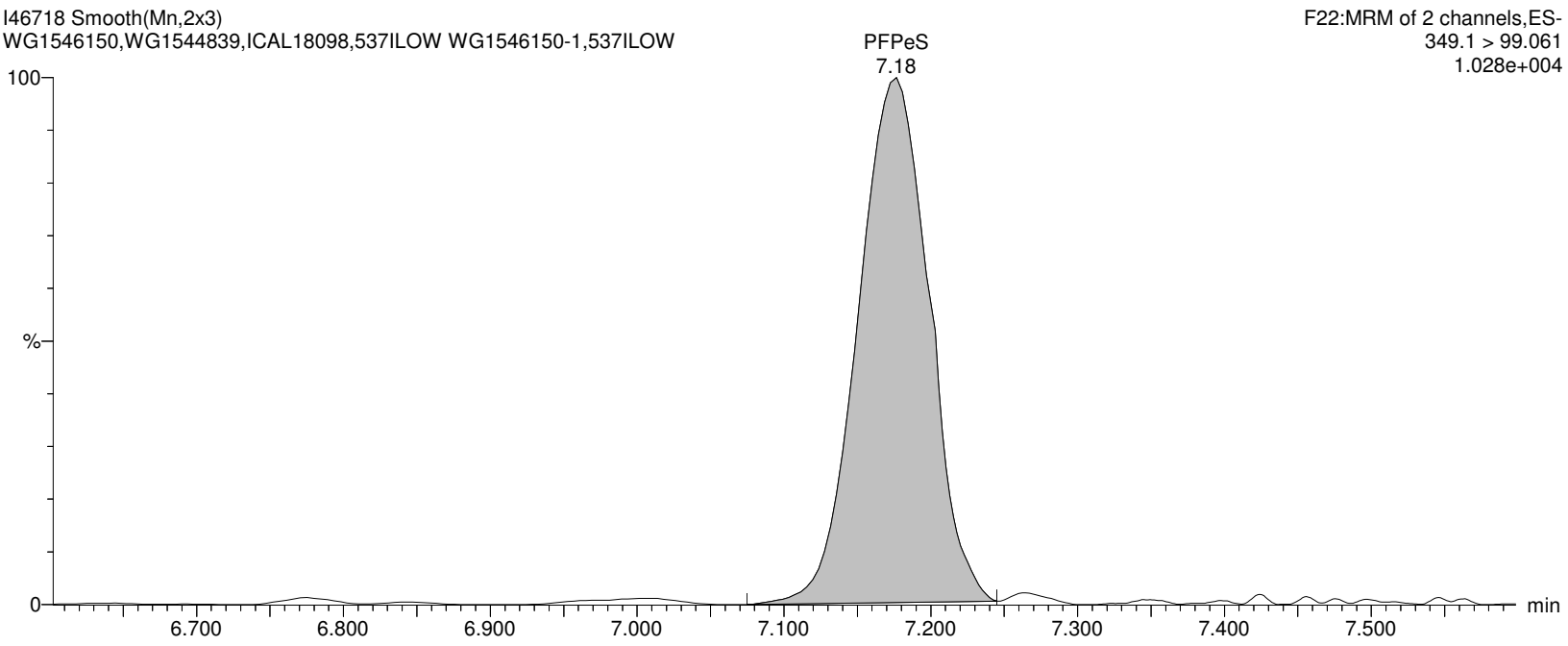
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeS



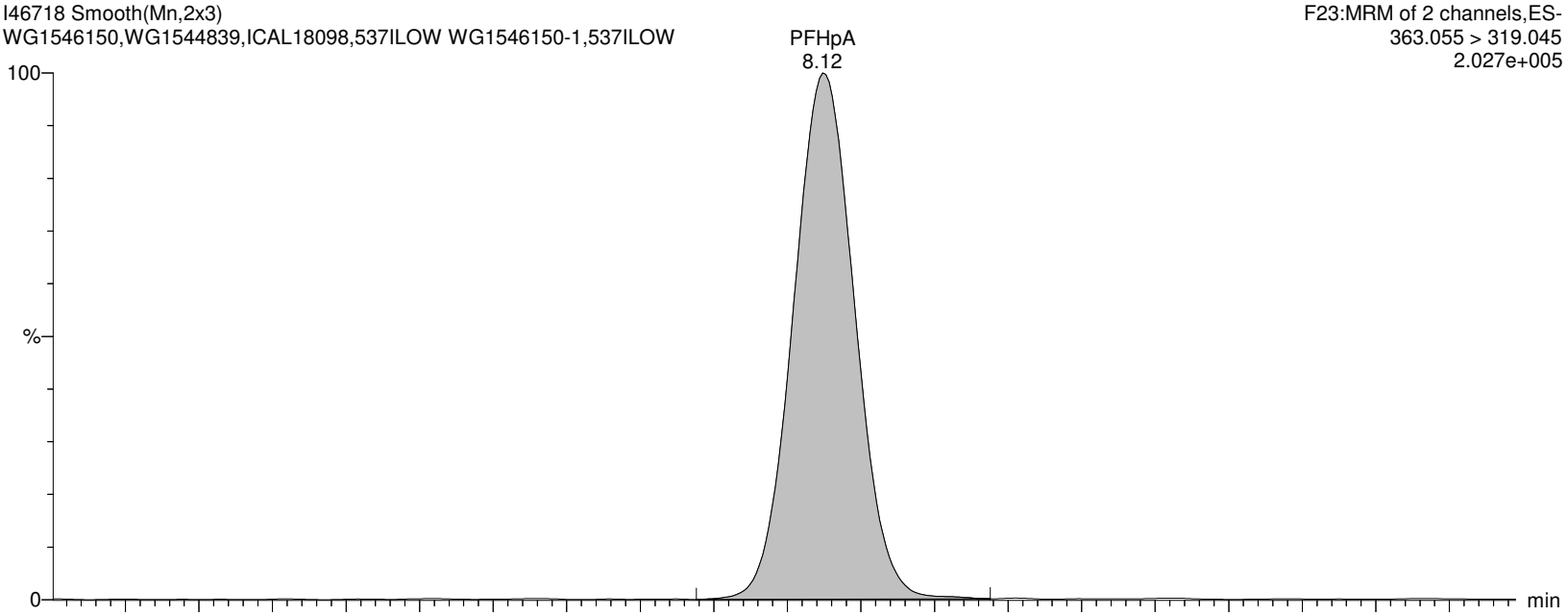


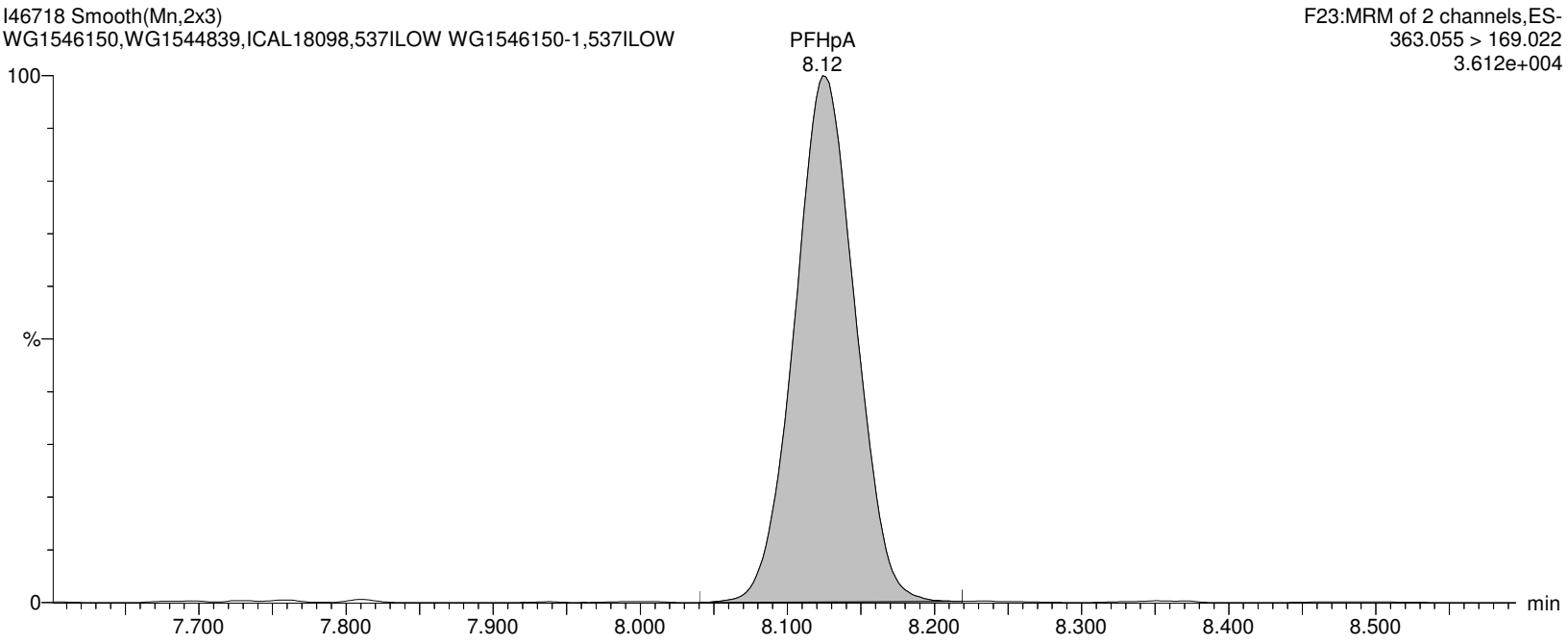
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpA



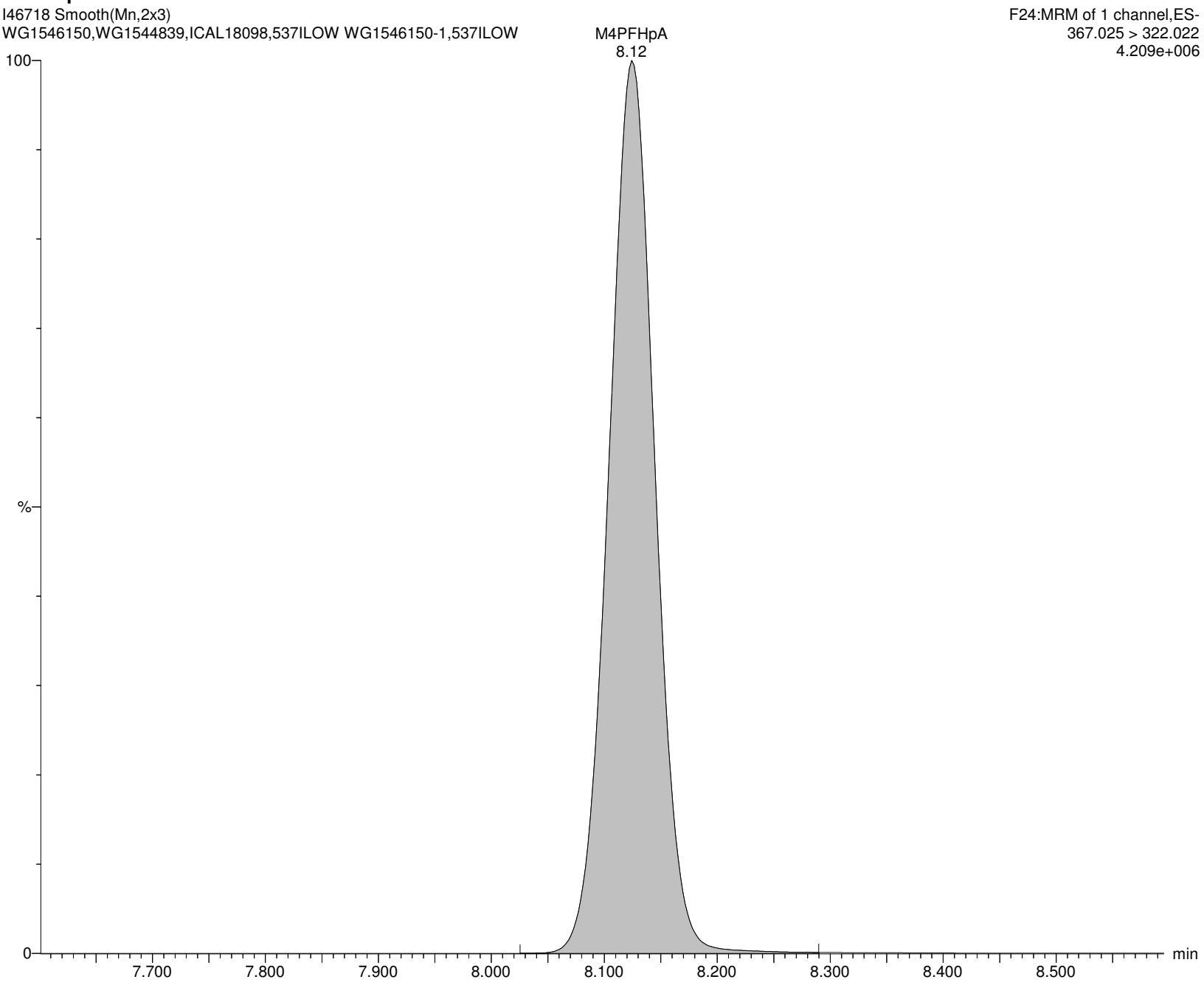


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFHpA

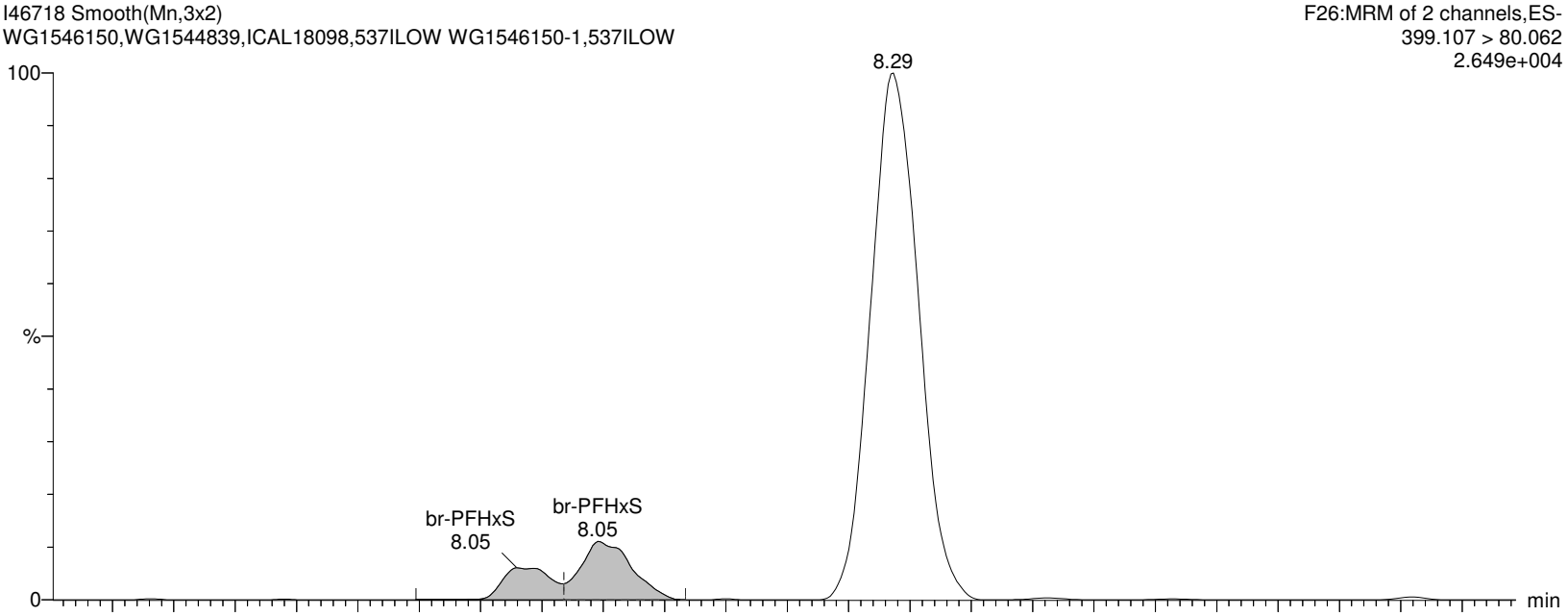


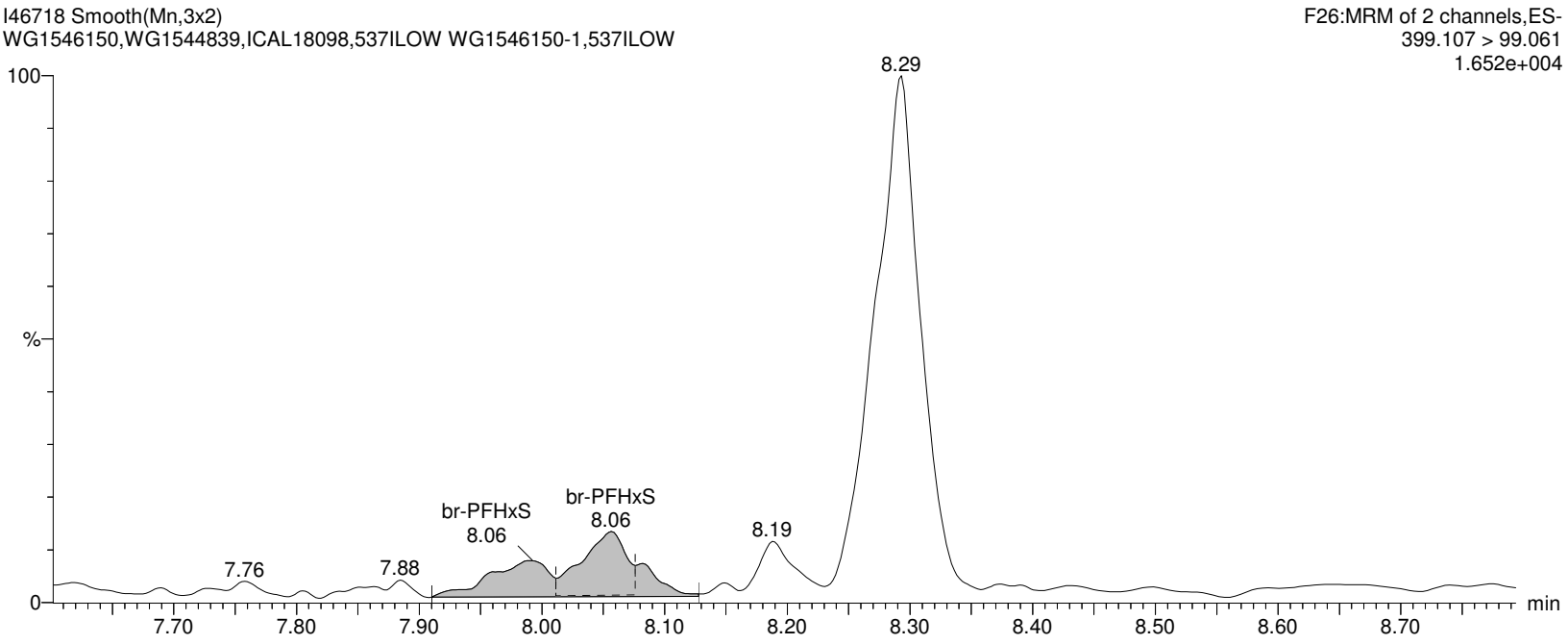
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFHxS



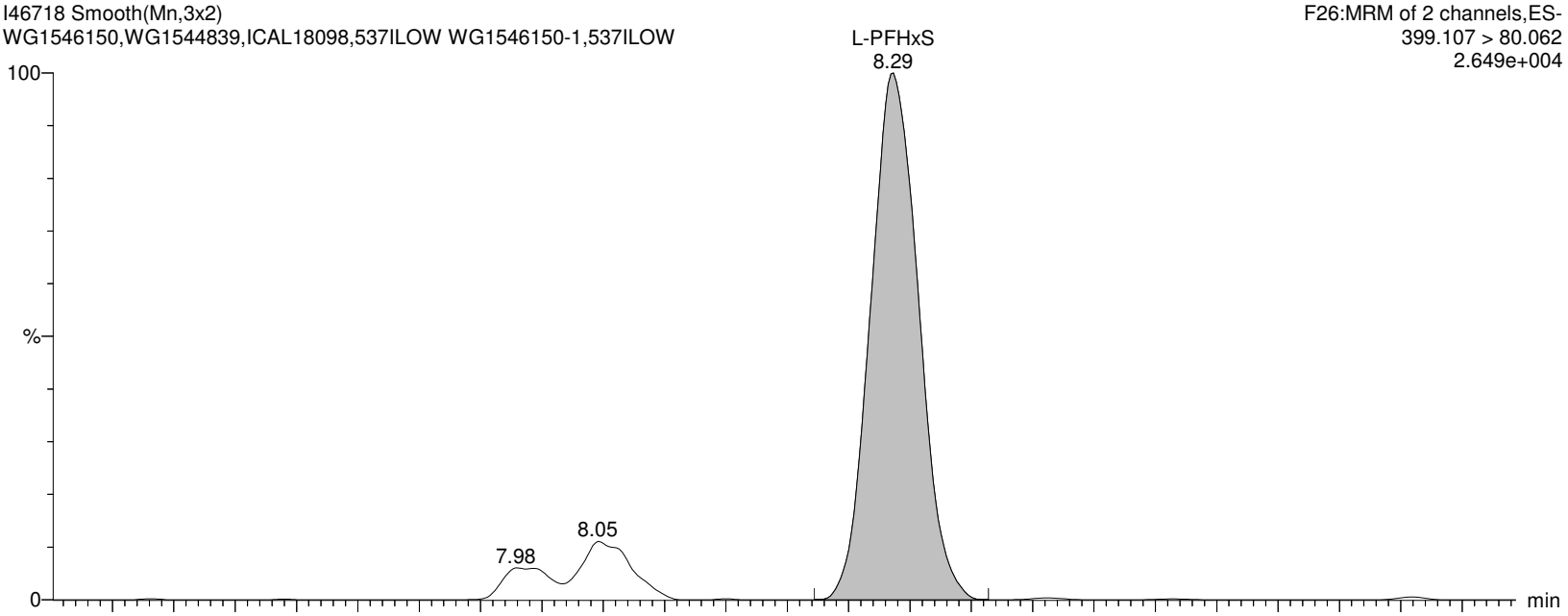


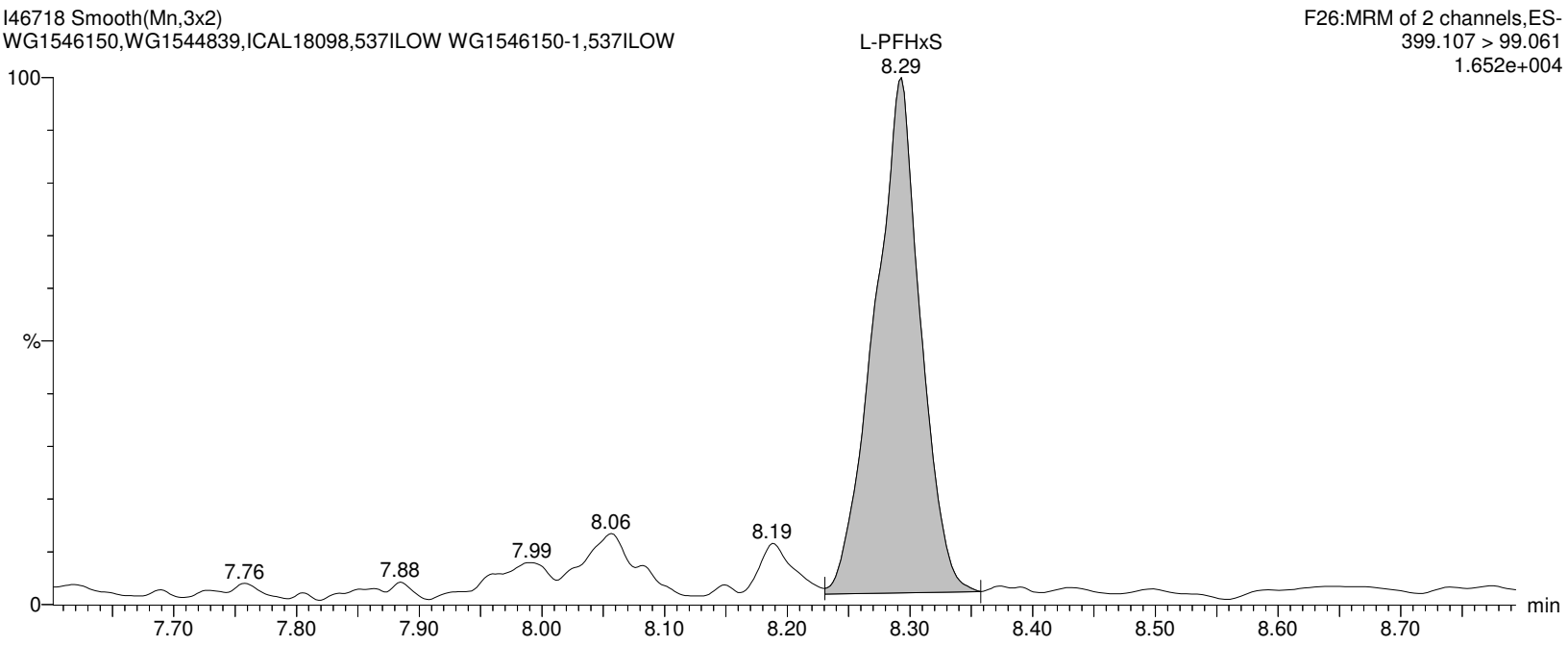
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFHxS



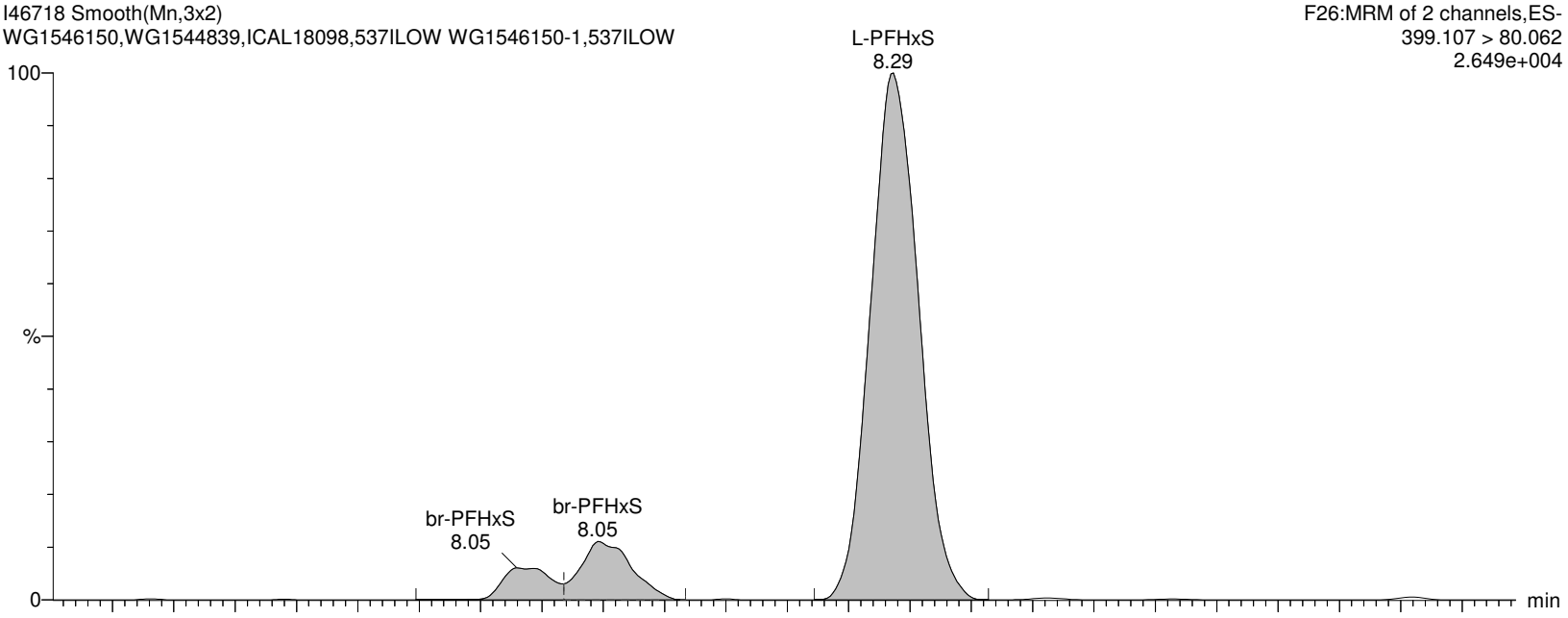


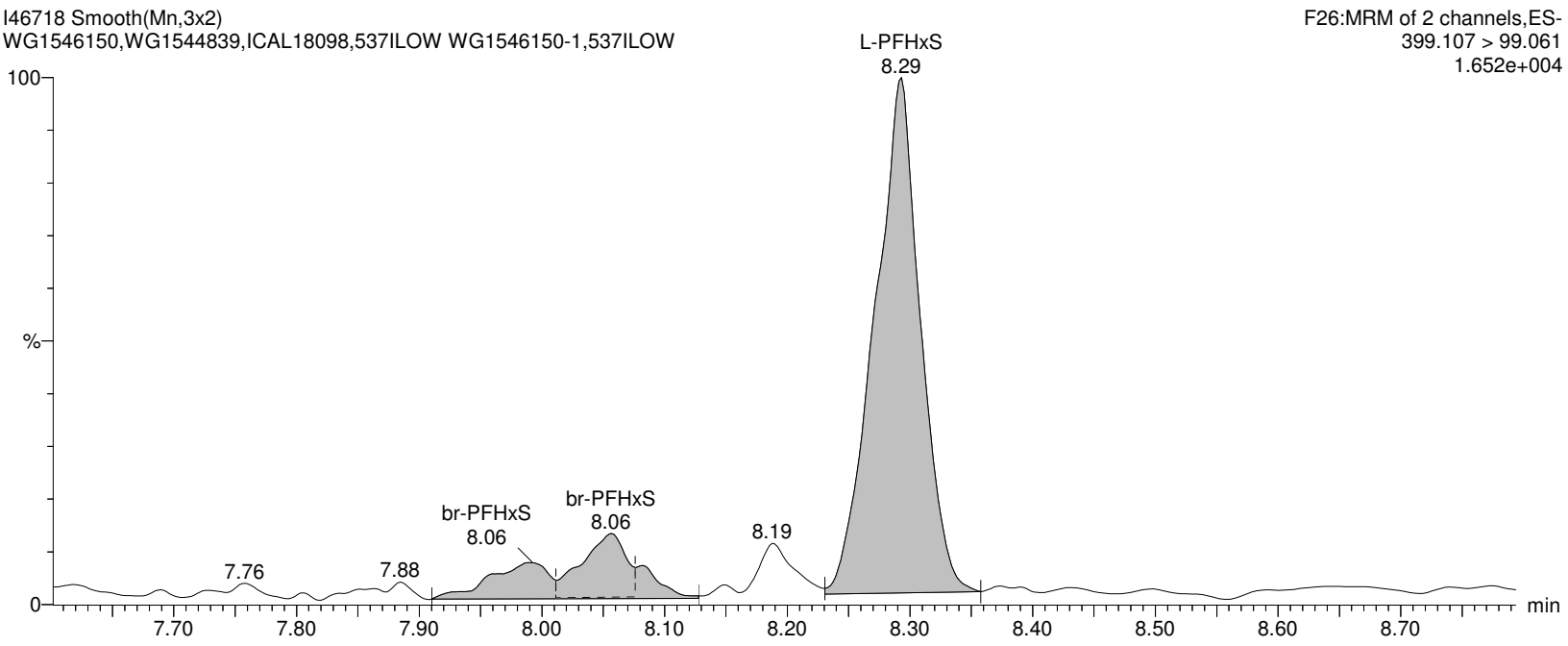
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxS



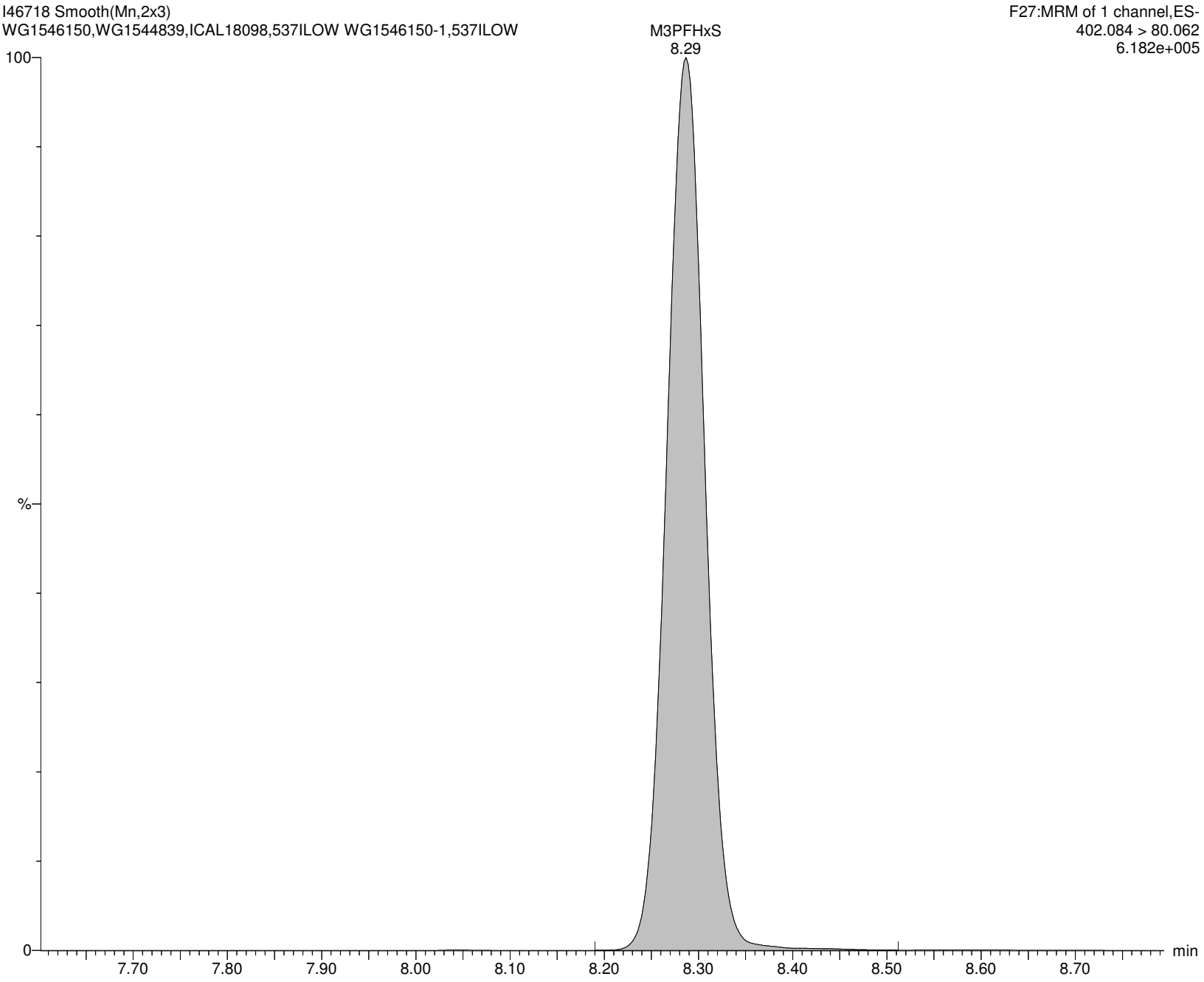


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFHxS

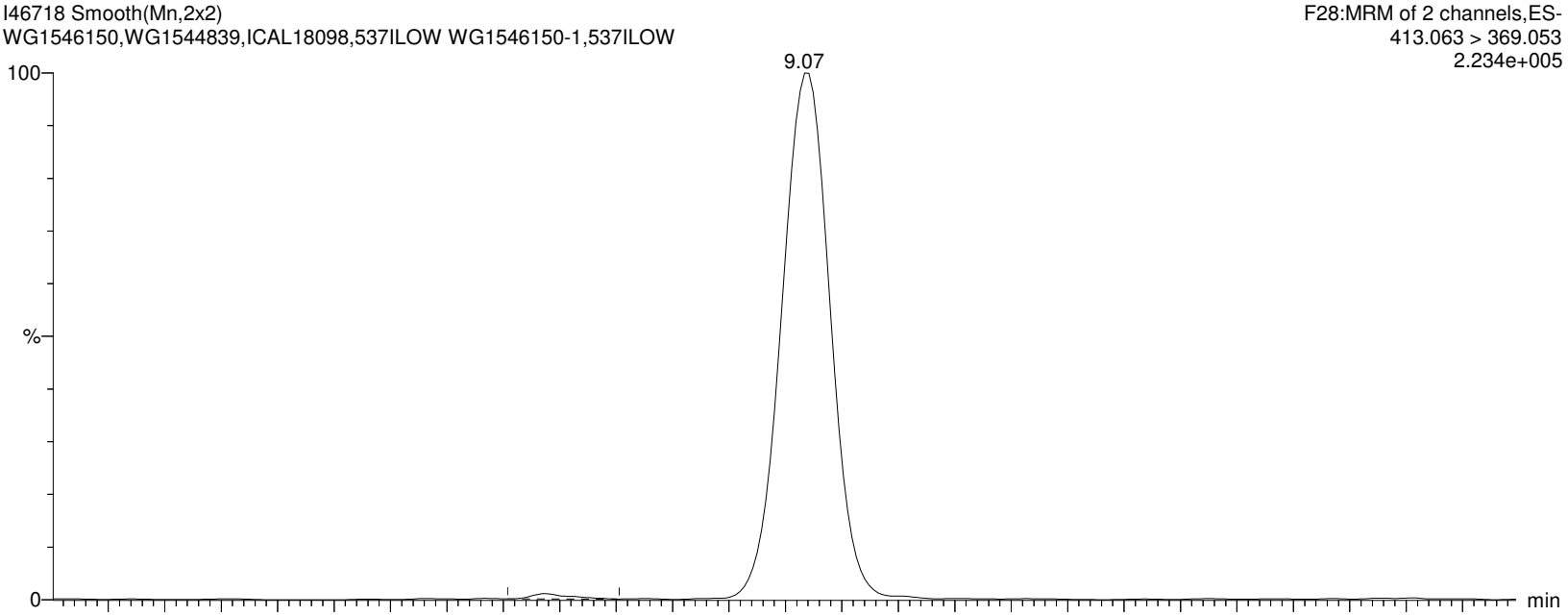


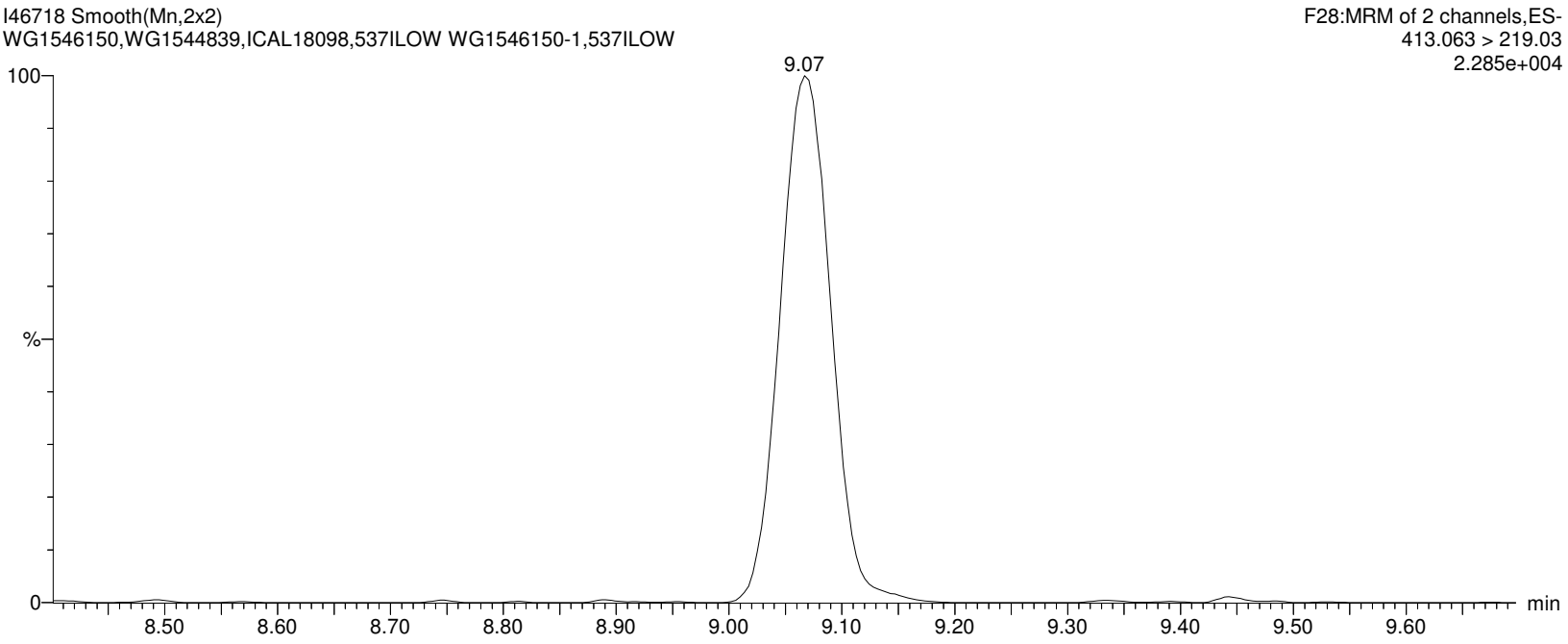
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOA



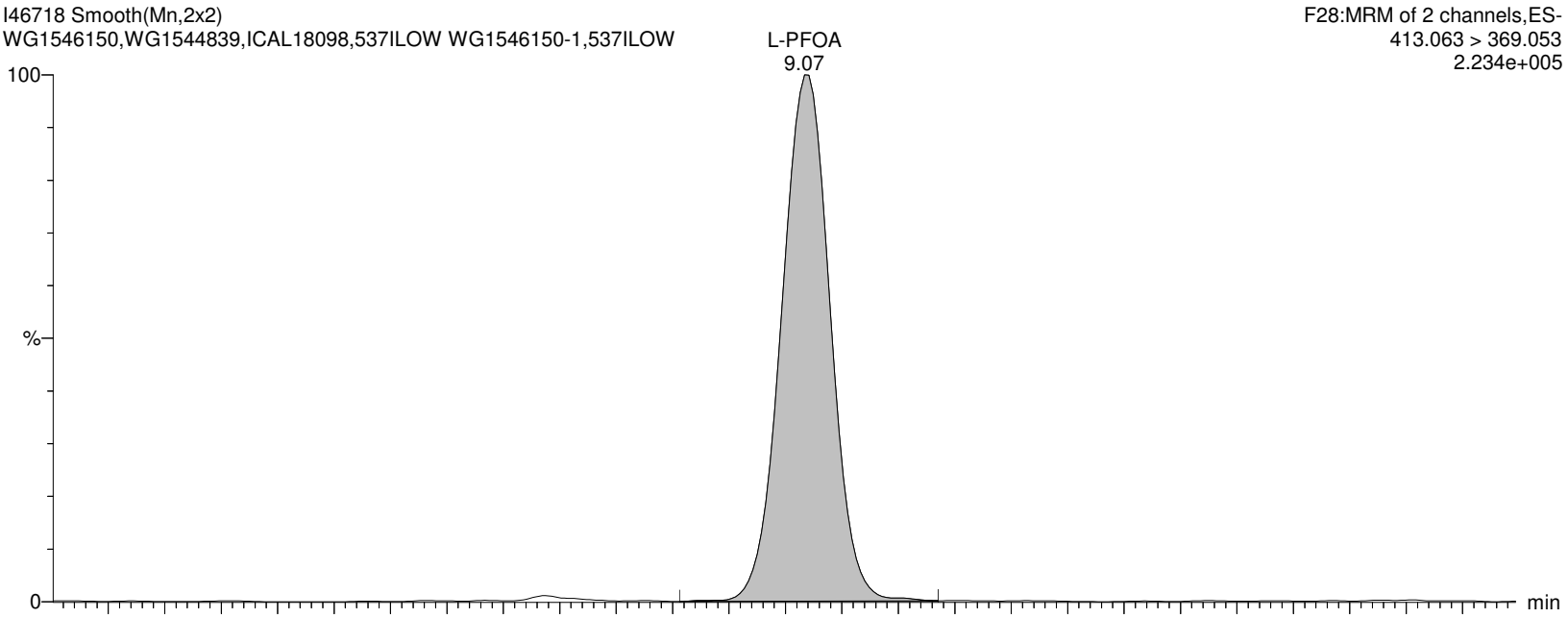


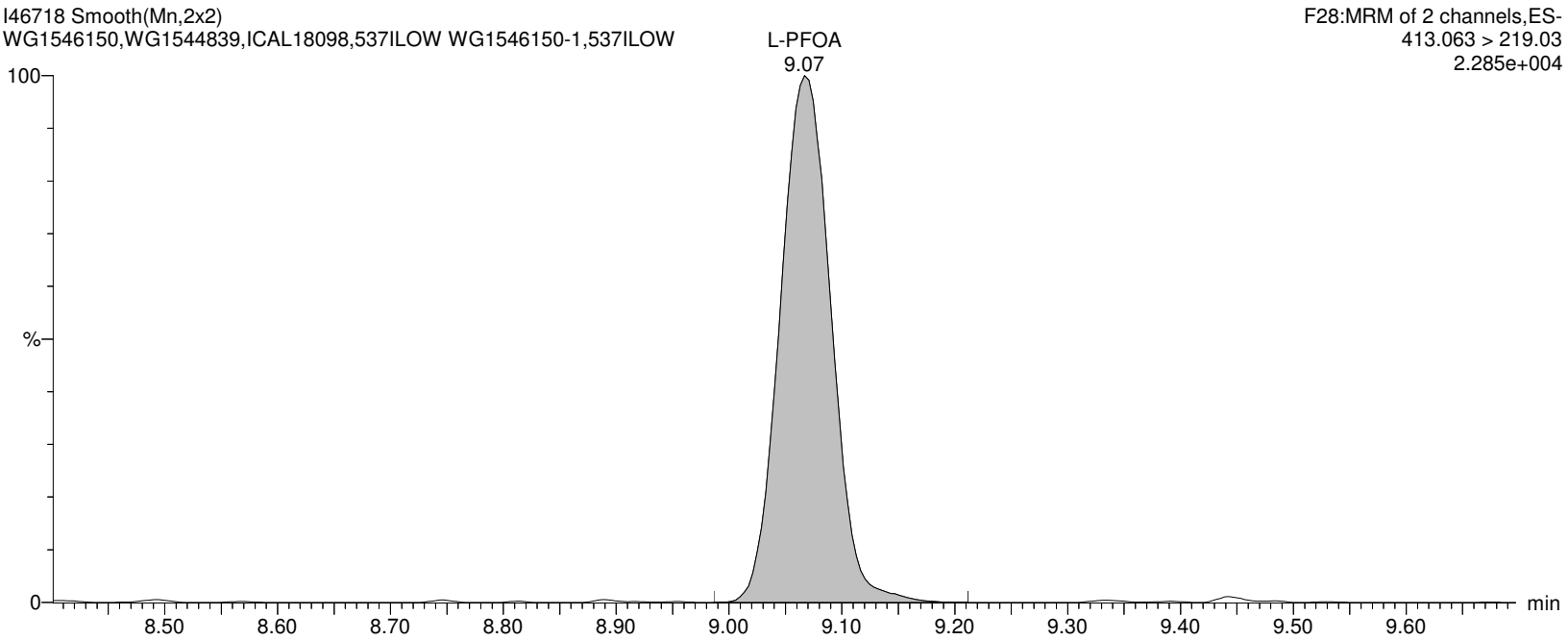
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOA



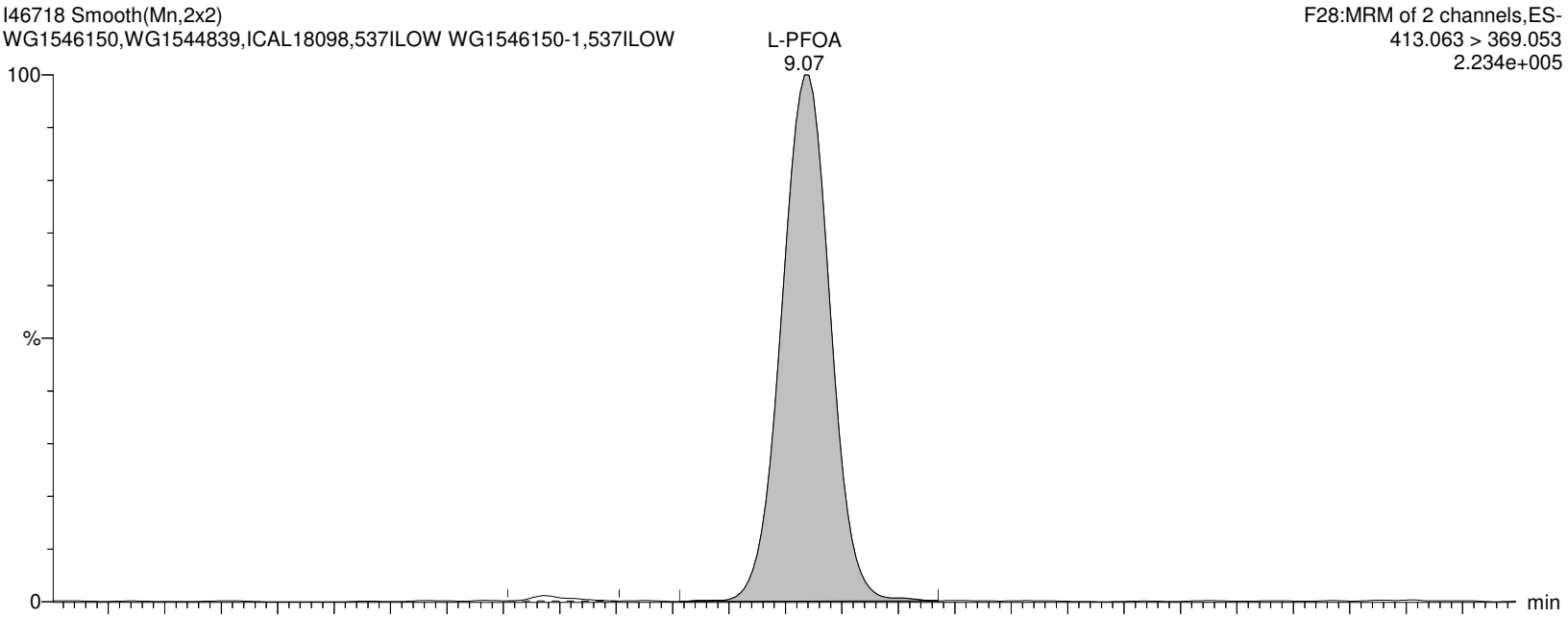


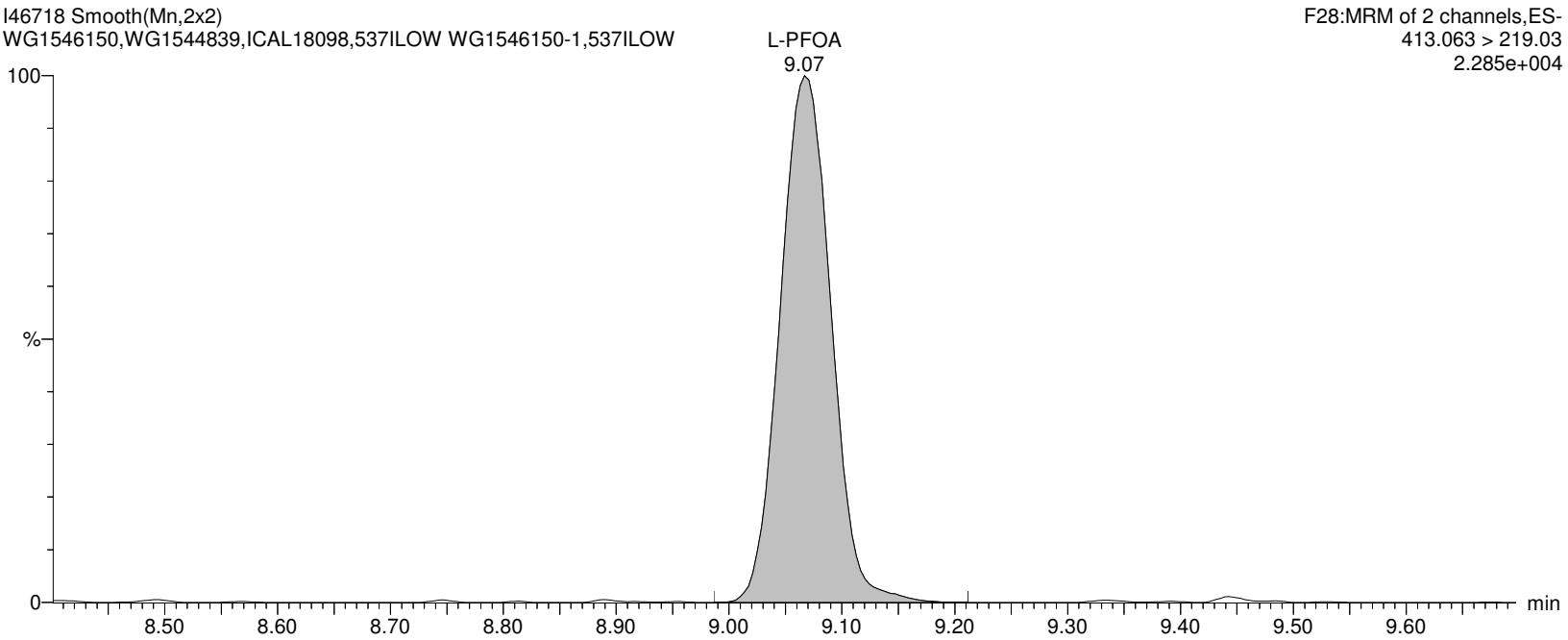
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOA



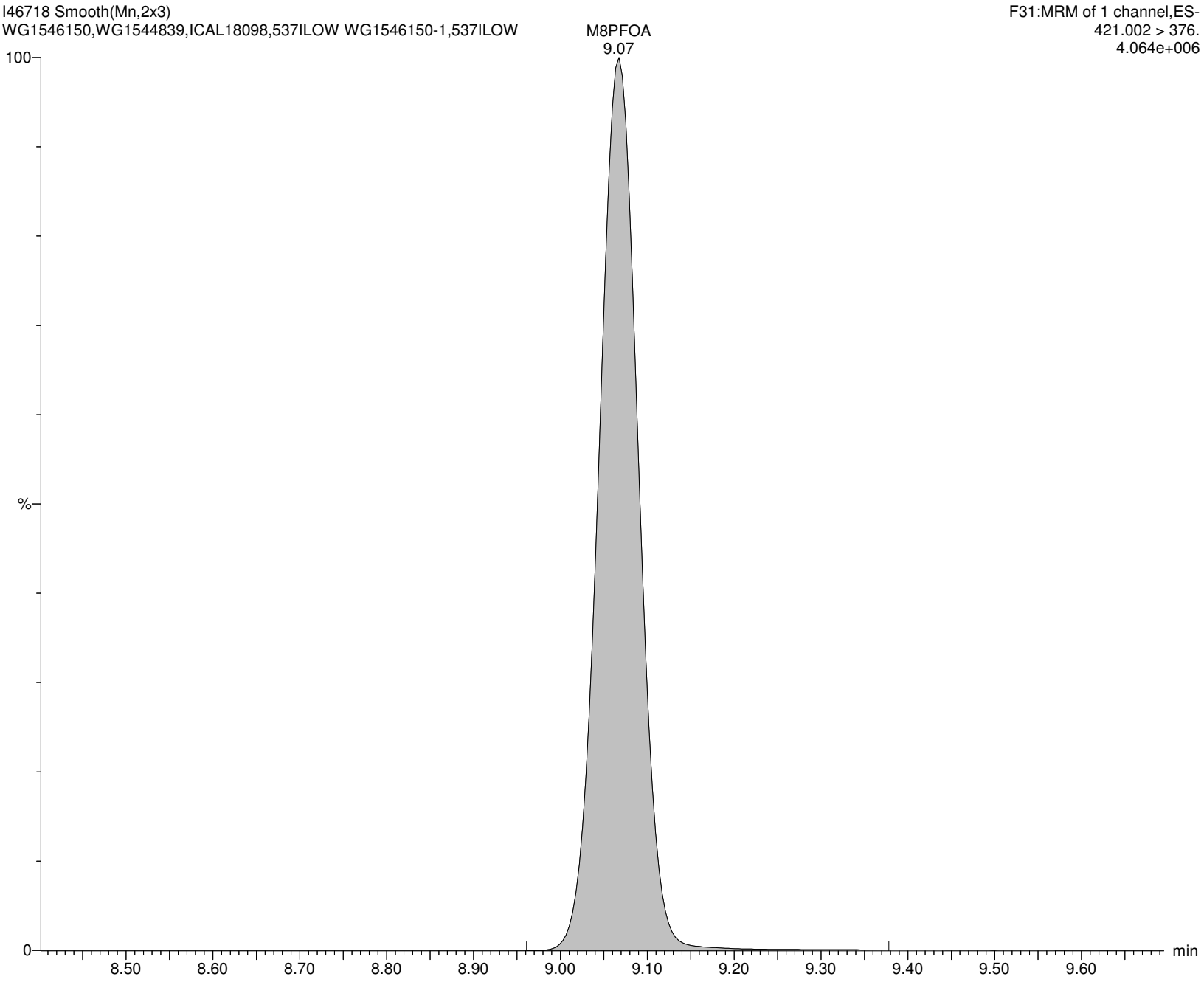


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOA

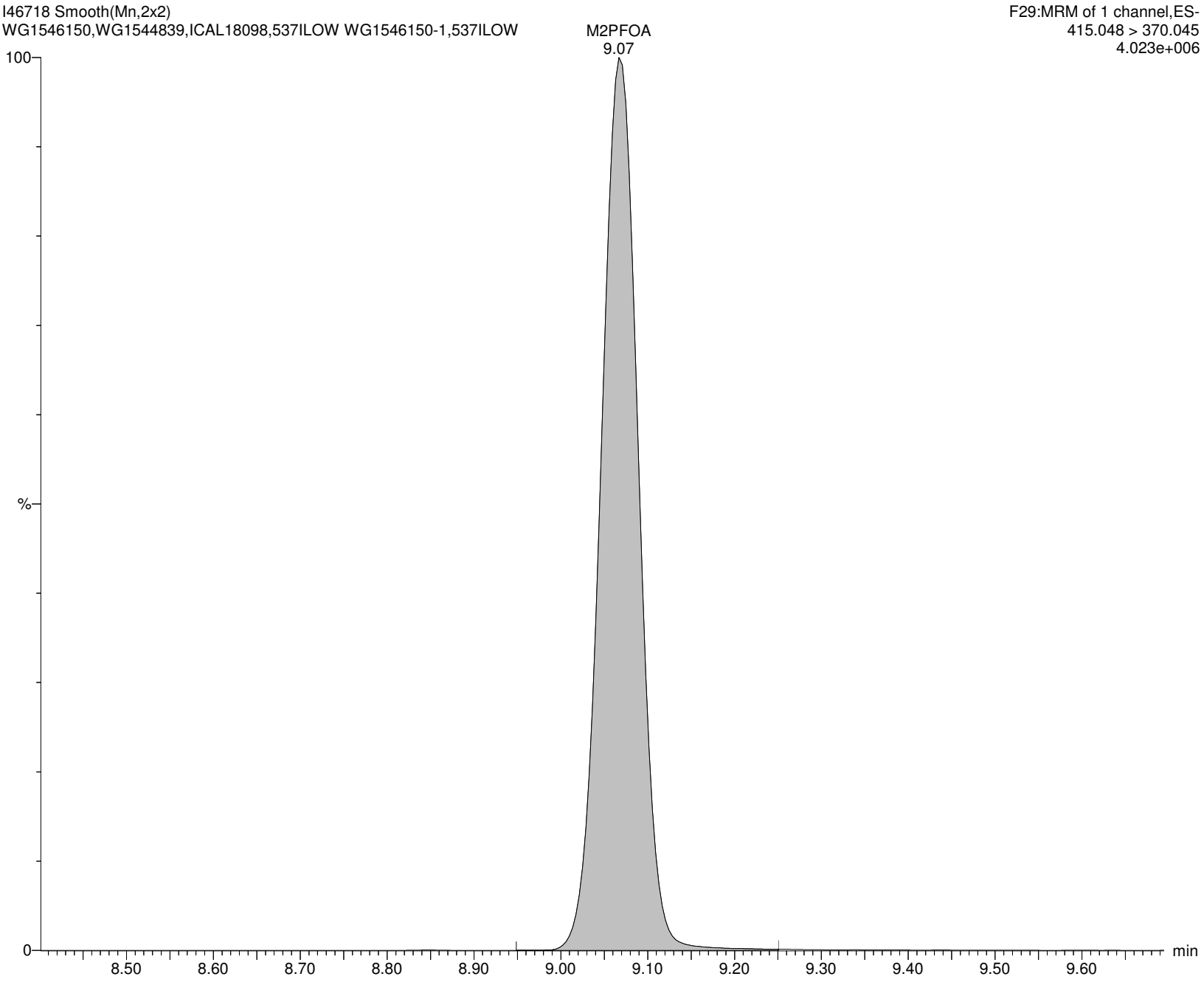


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFOA

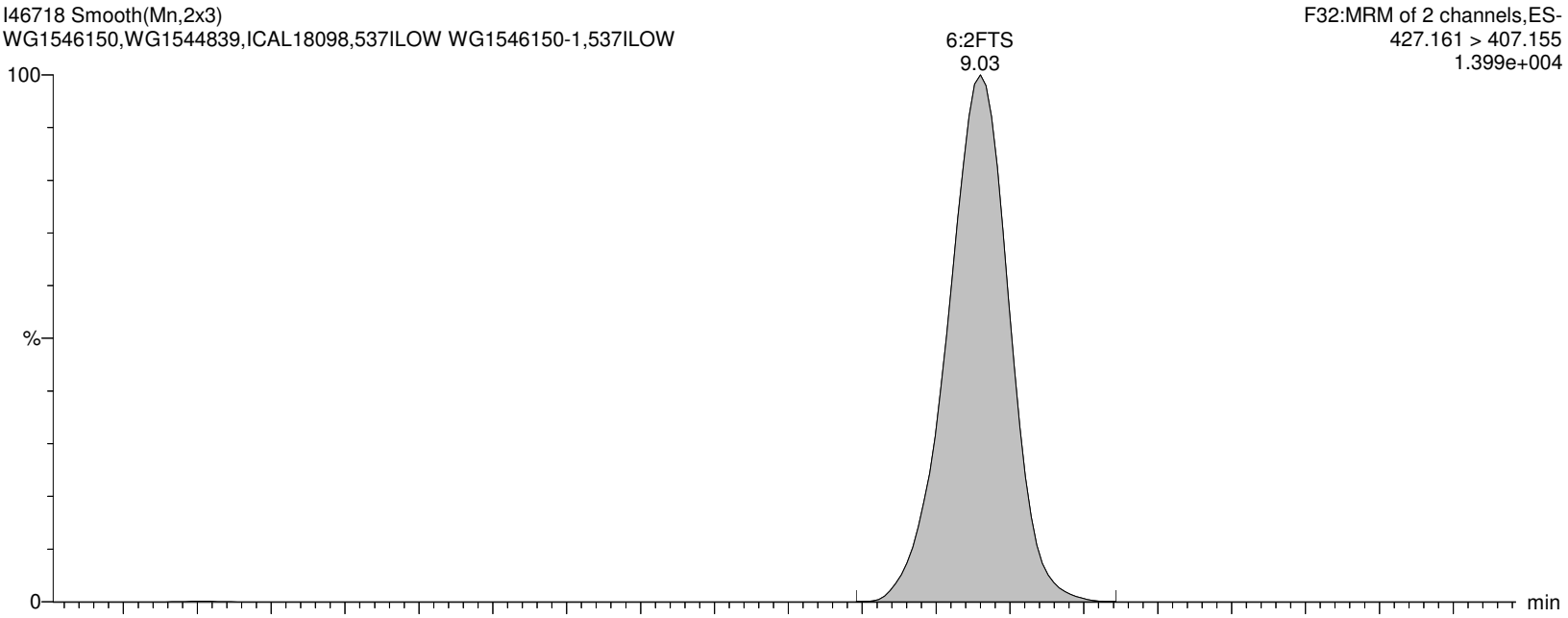


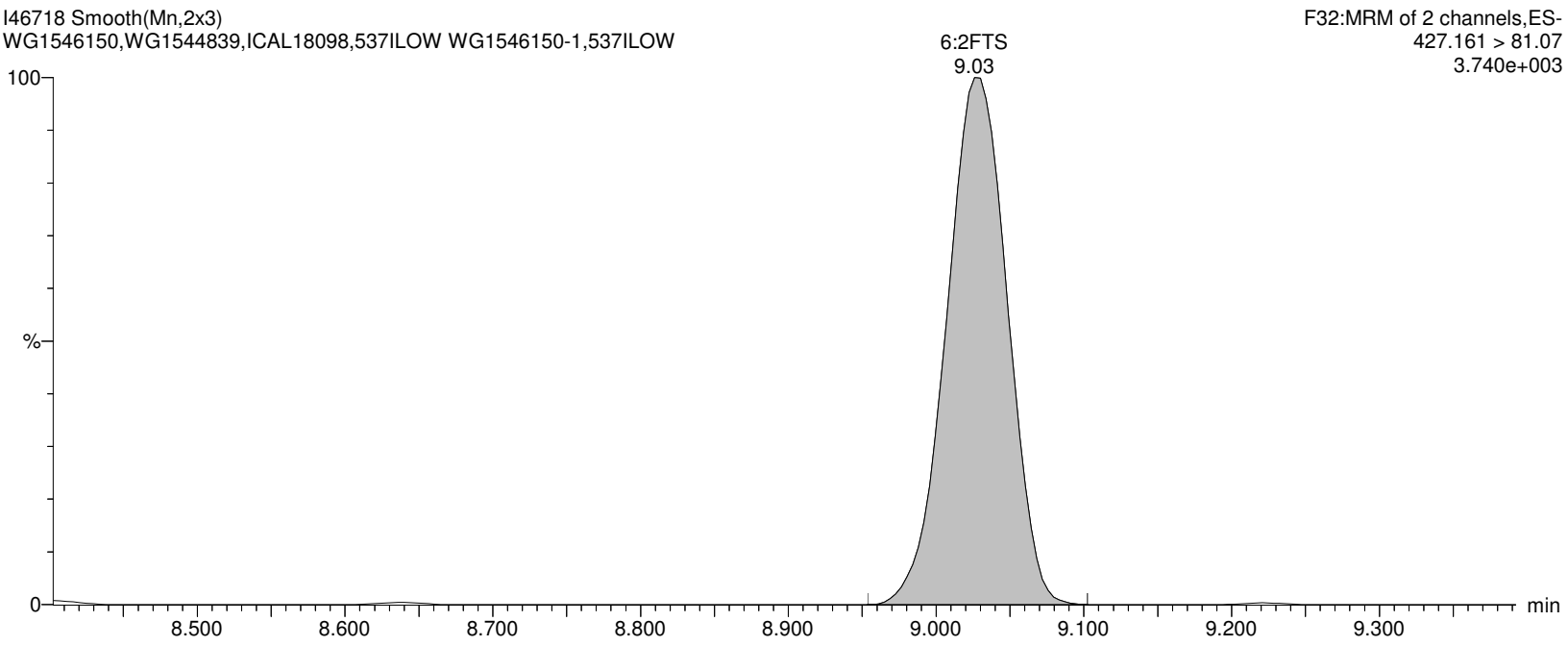
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

6:2FTS



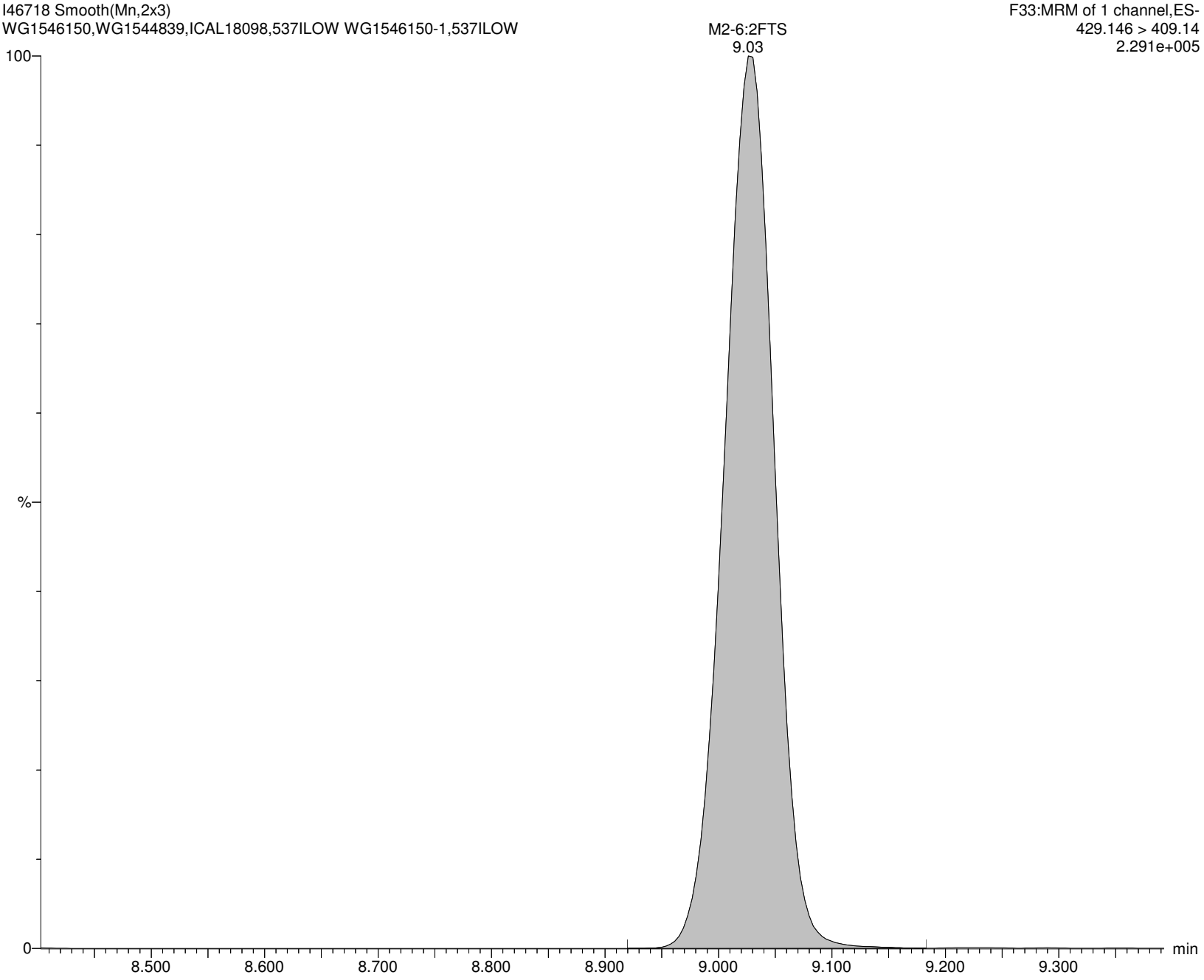


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-6:2FTS

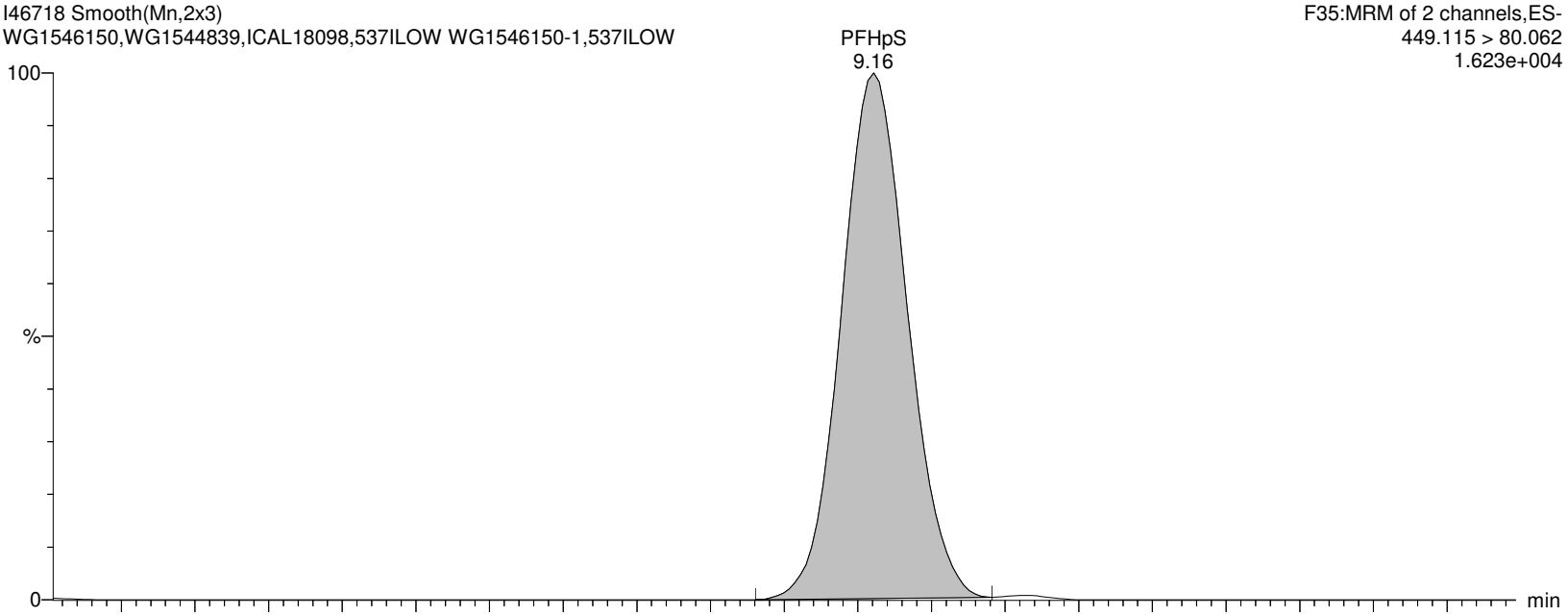


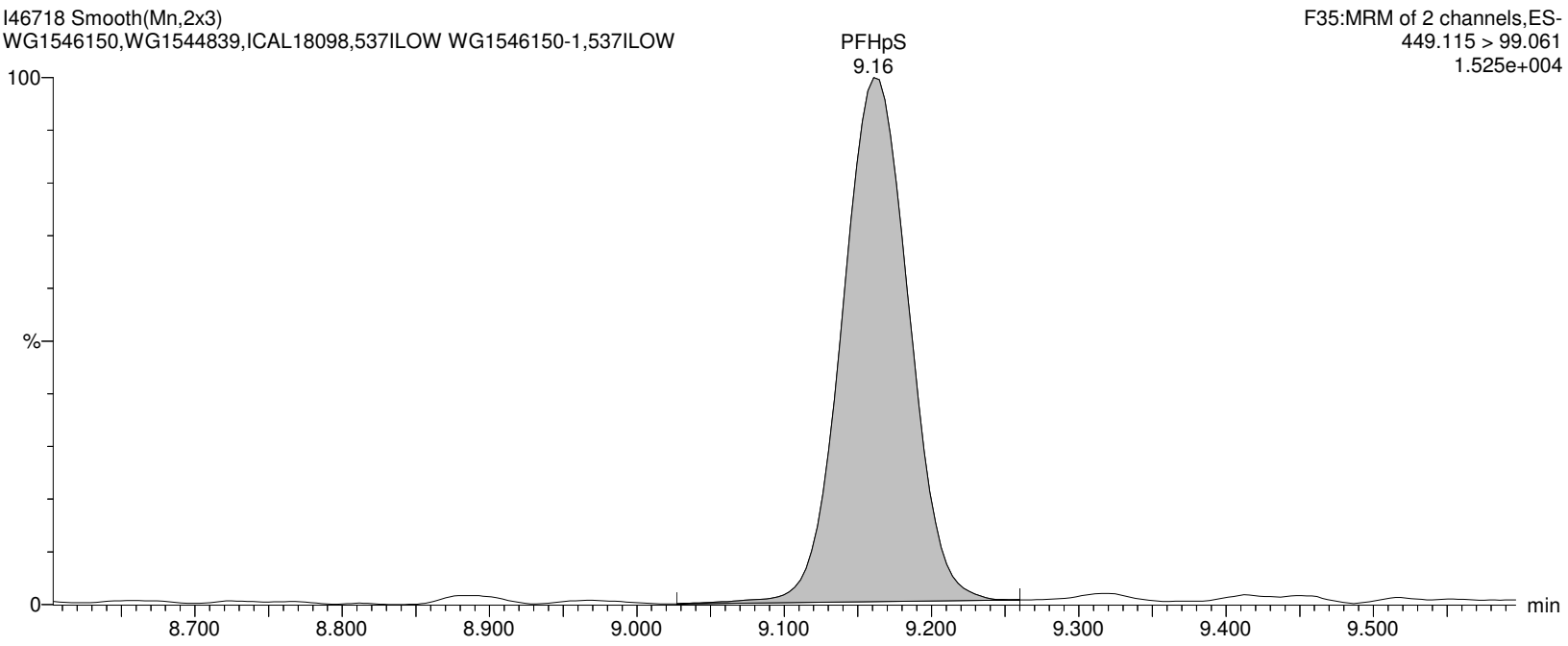
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpS



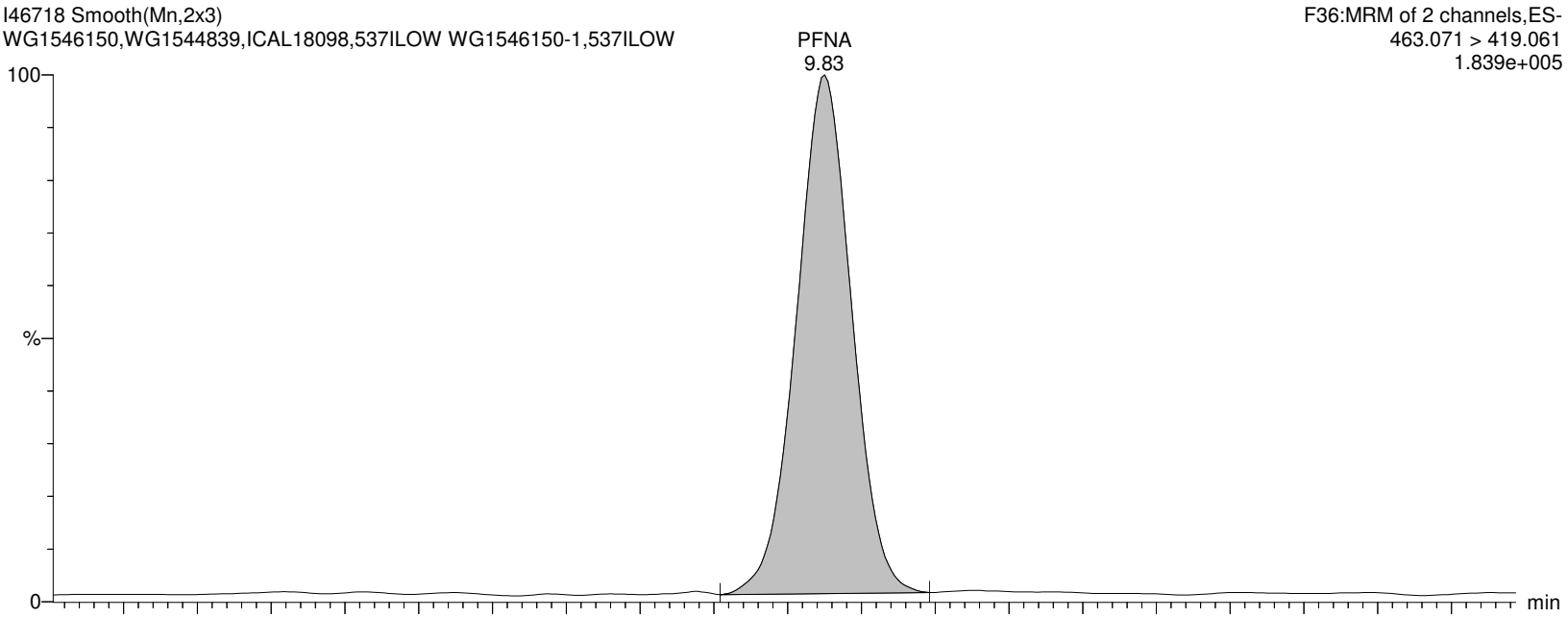


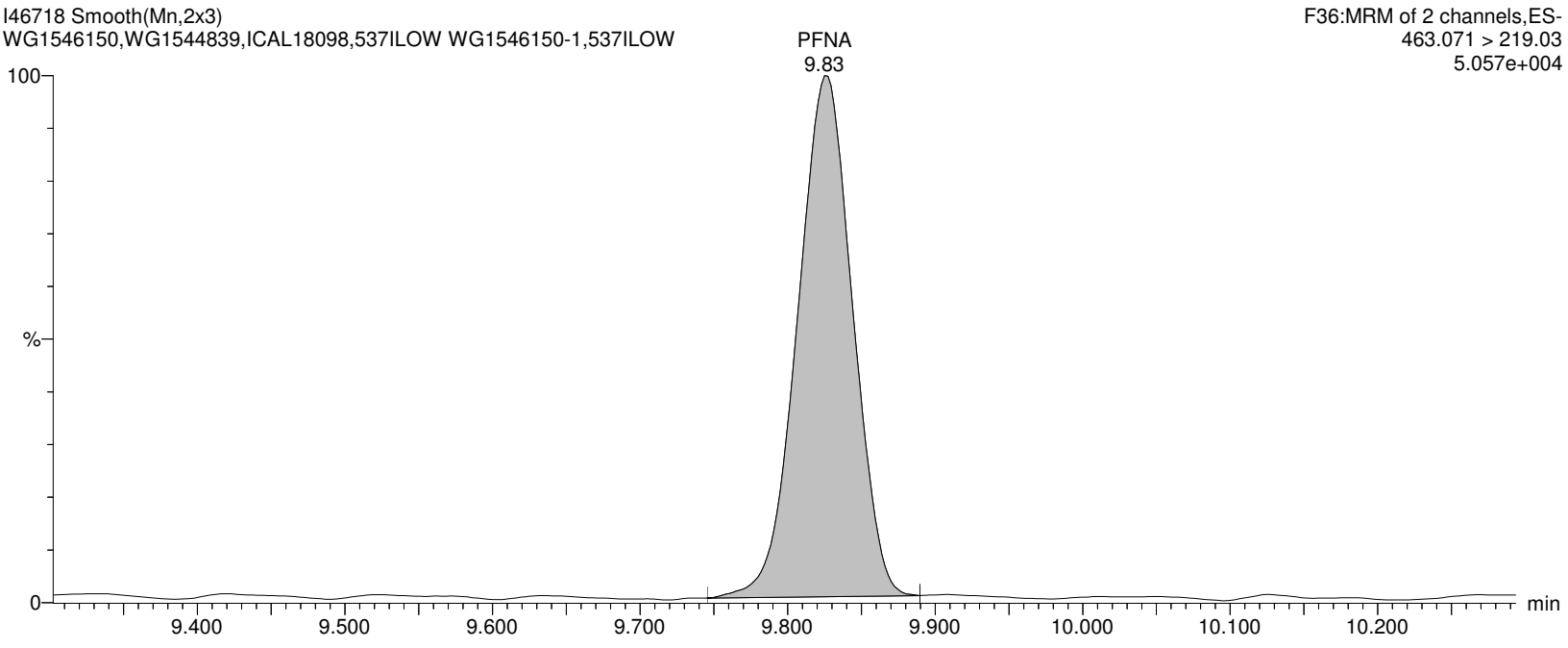
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNA



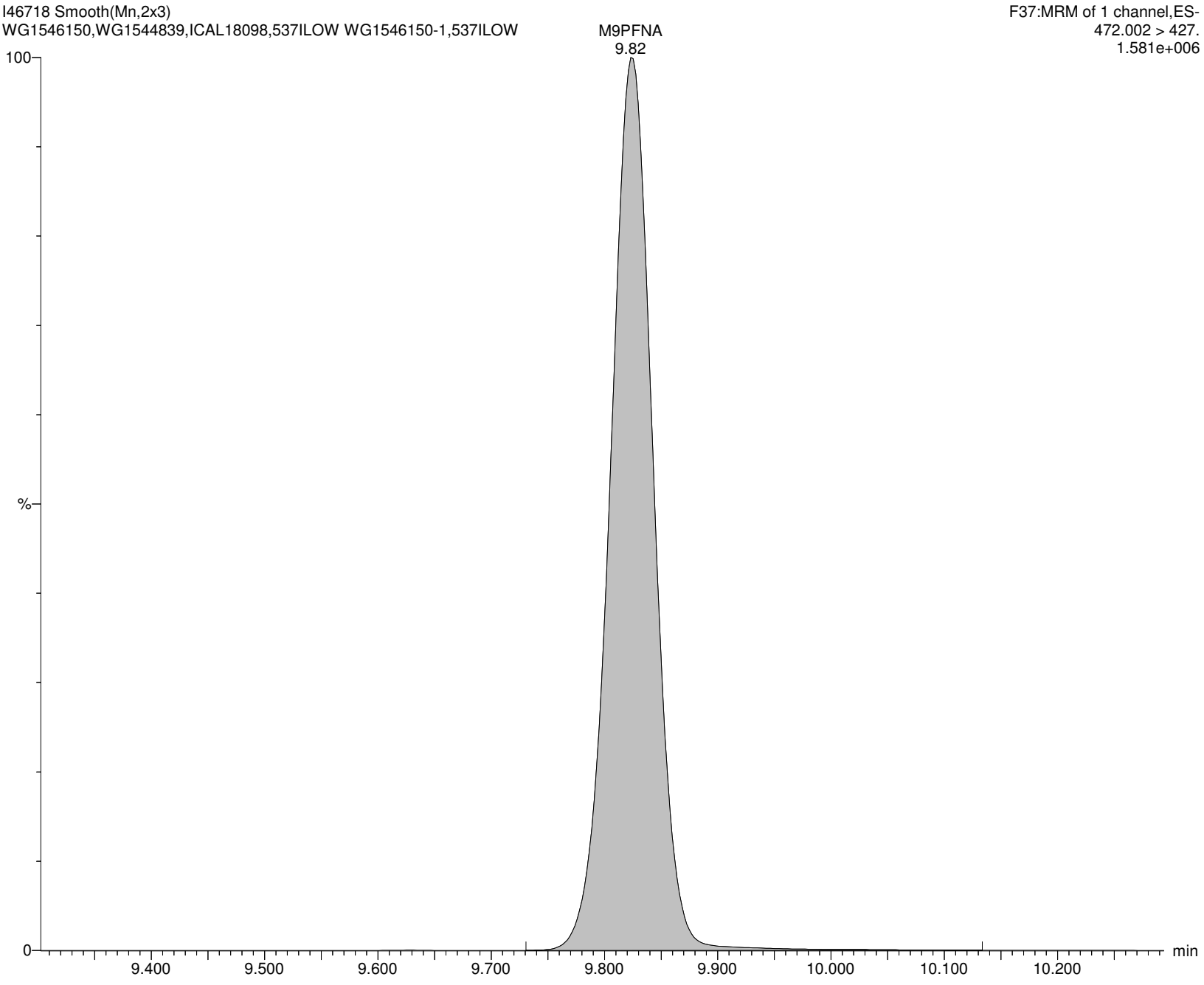


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M9PFNA

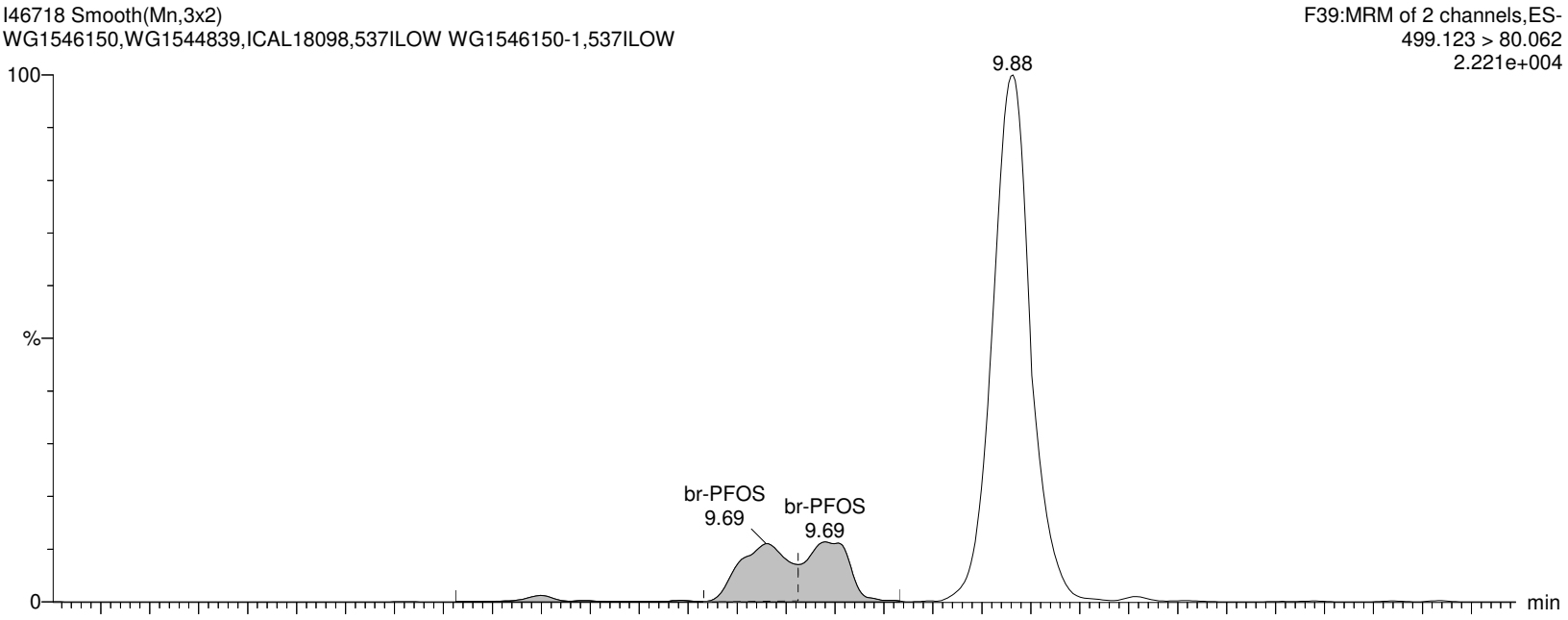


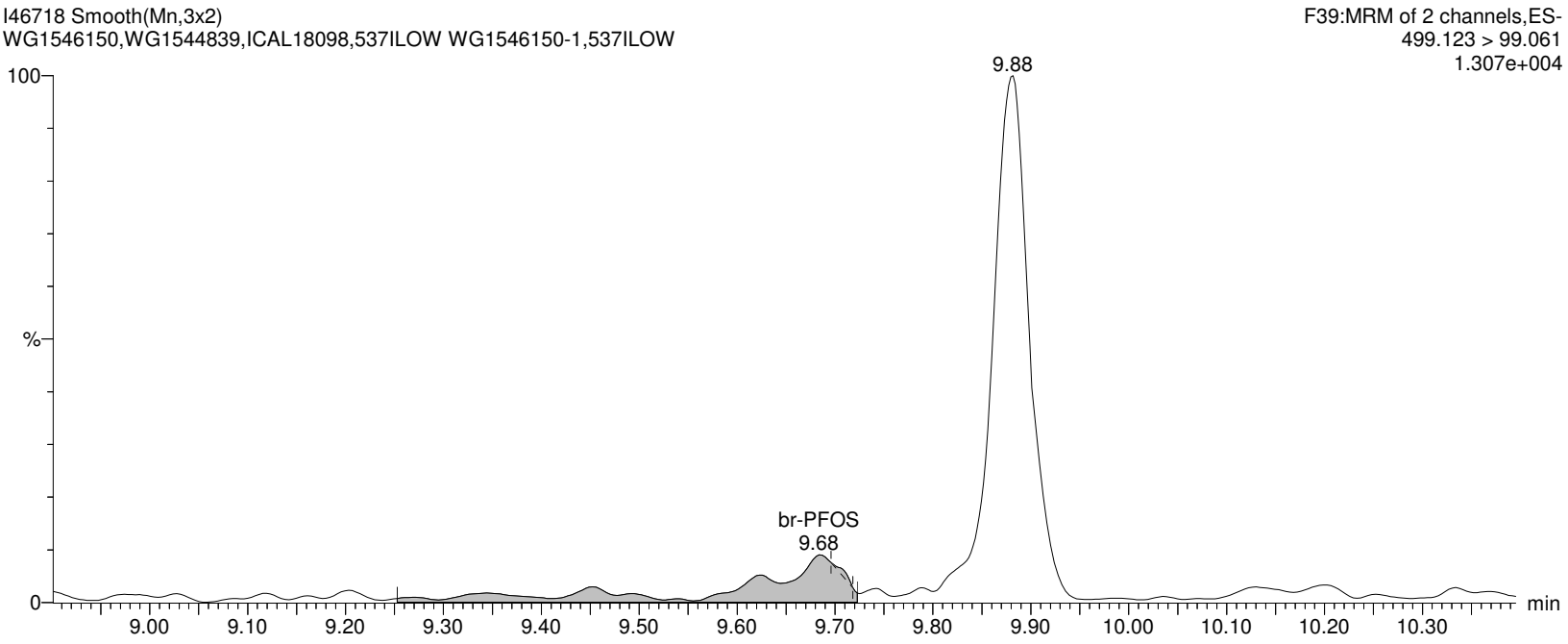
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOS



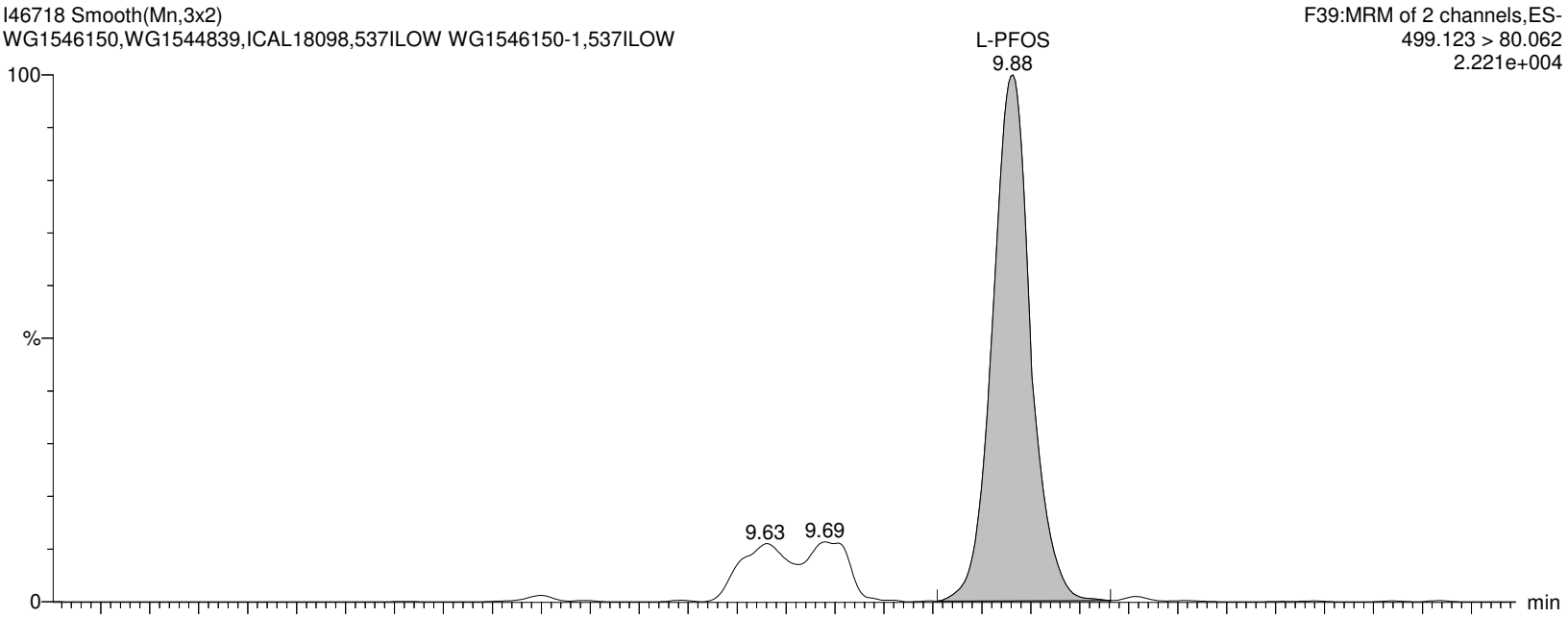


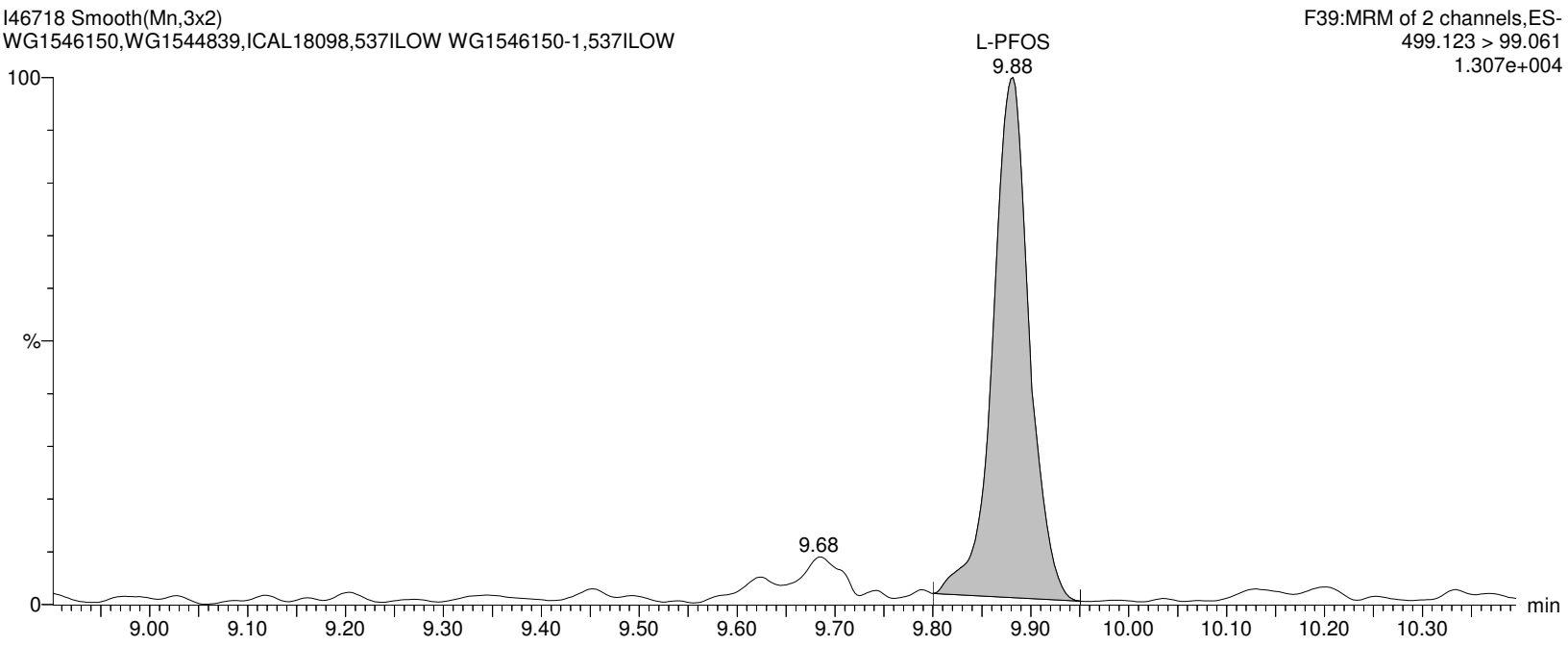
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOS



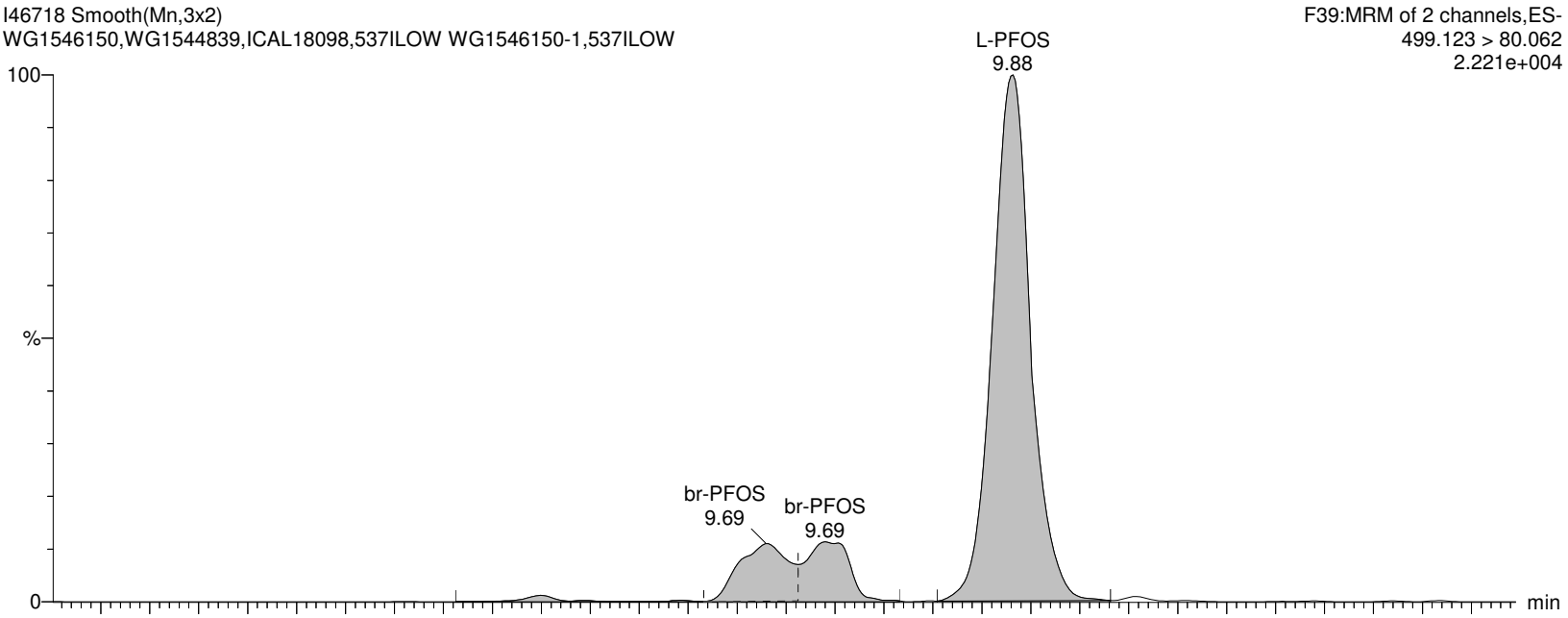


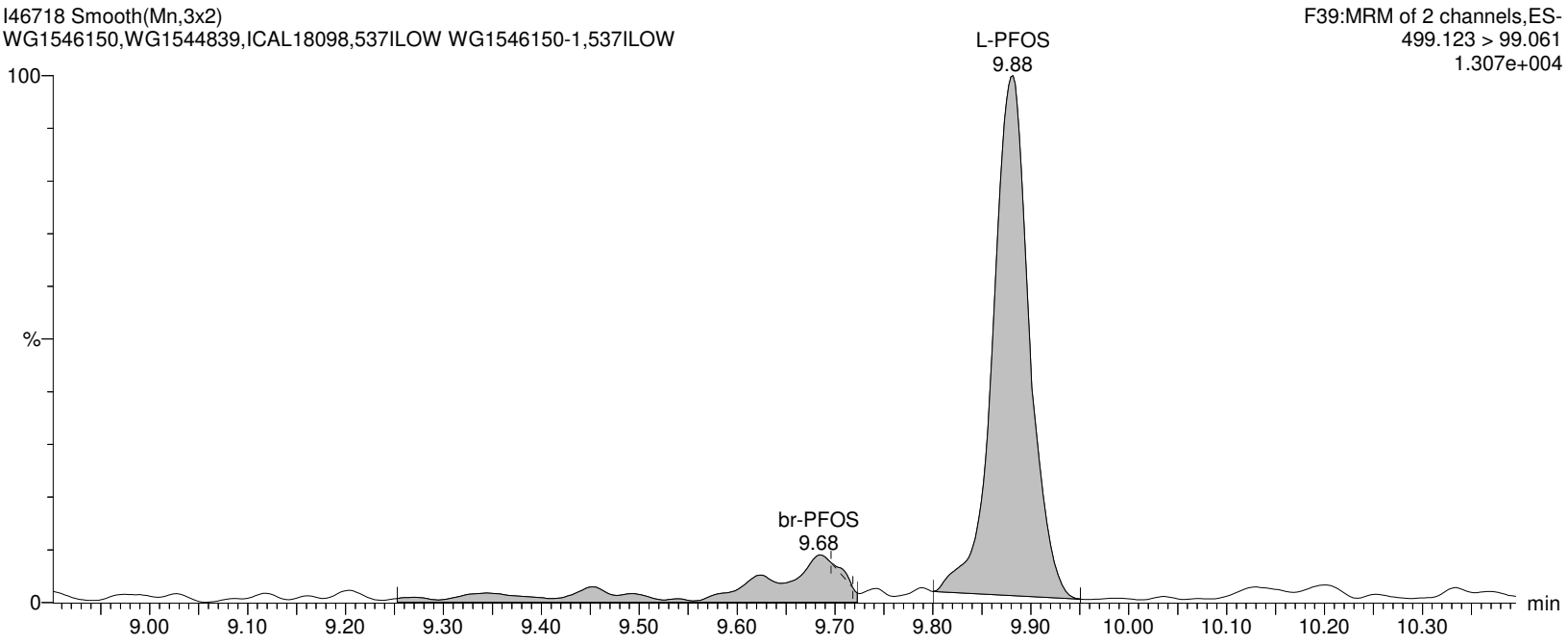
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOS



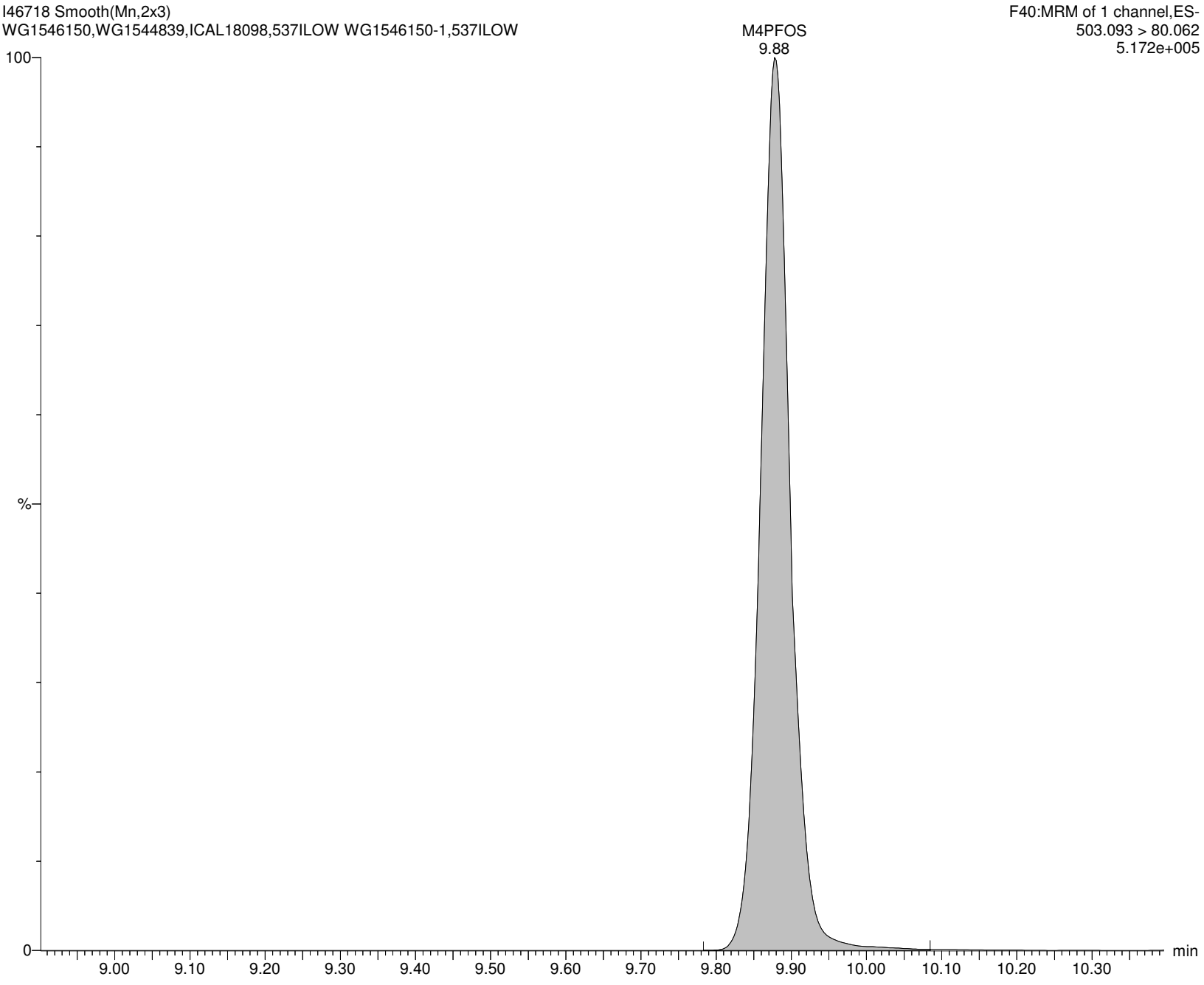


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOS

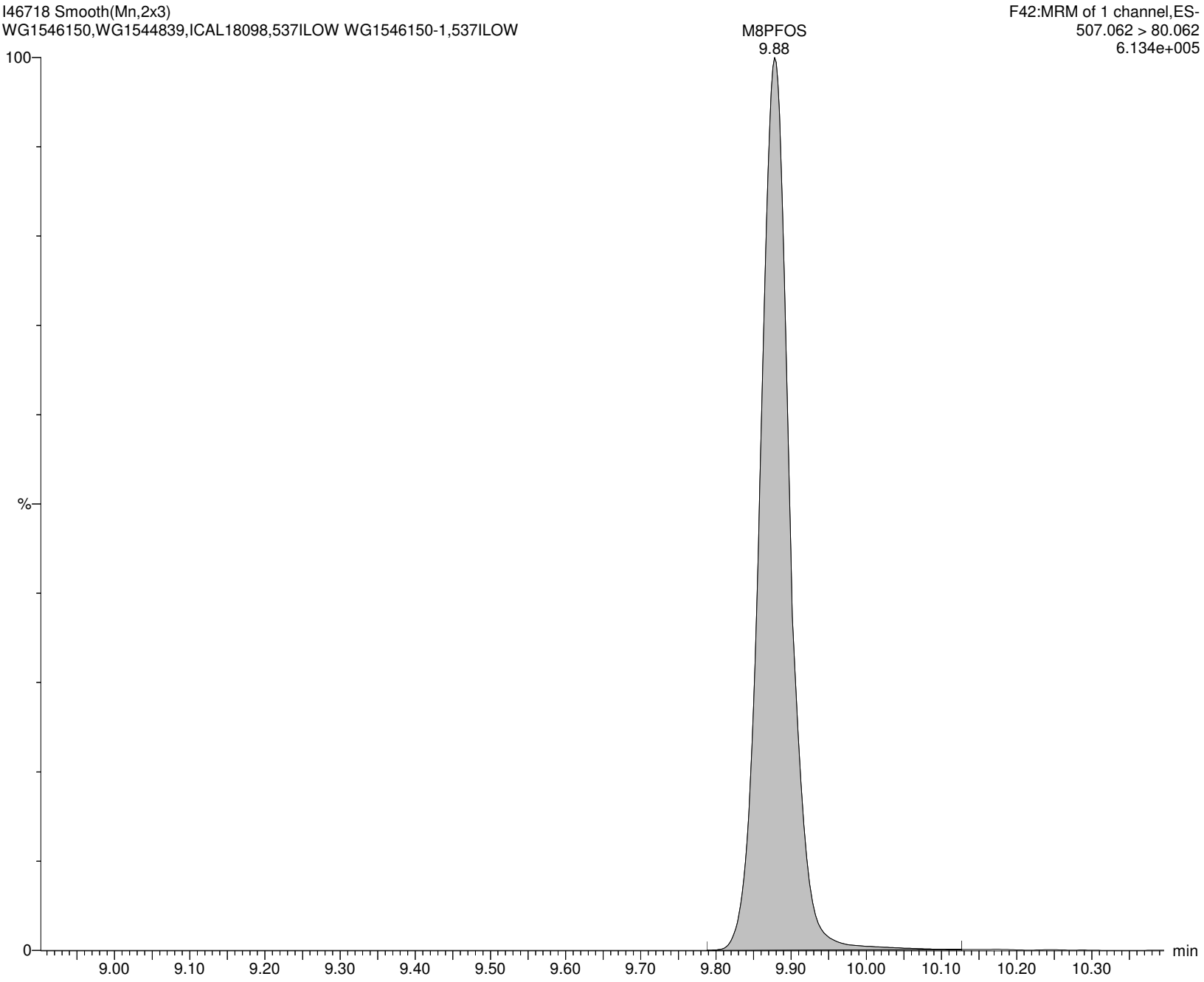


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOS

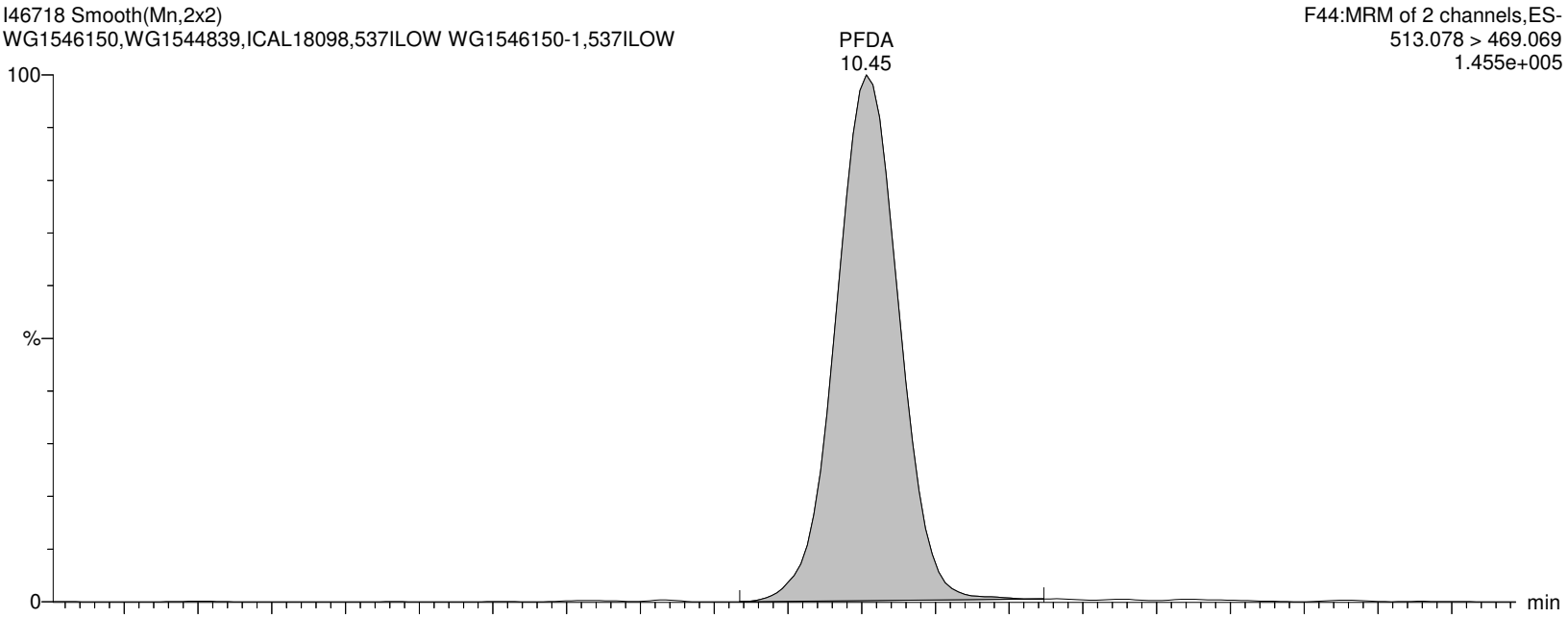


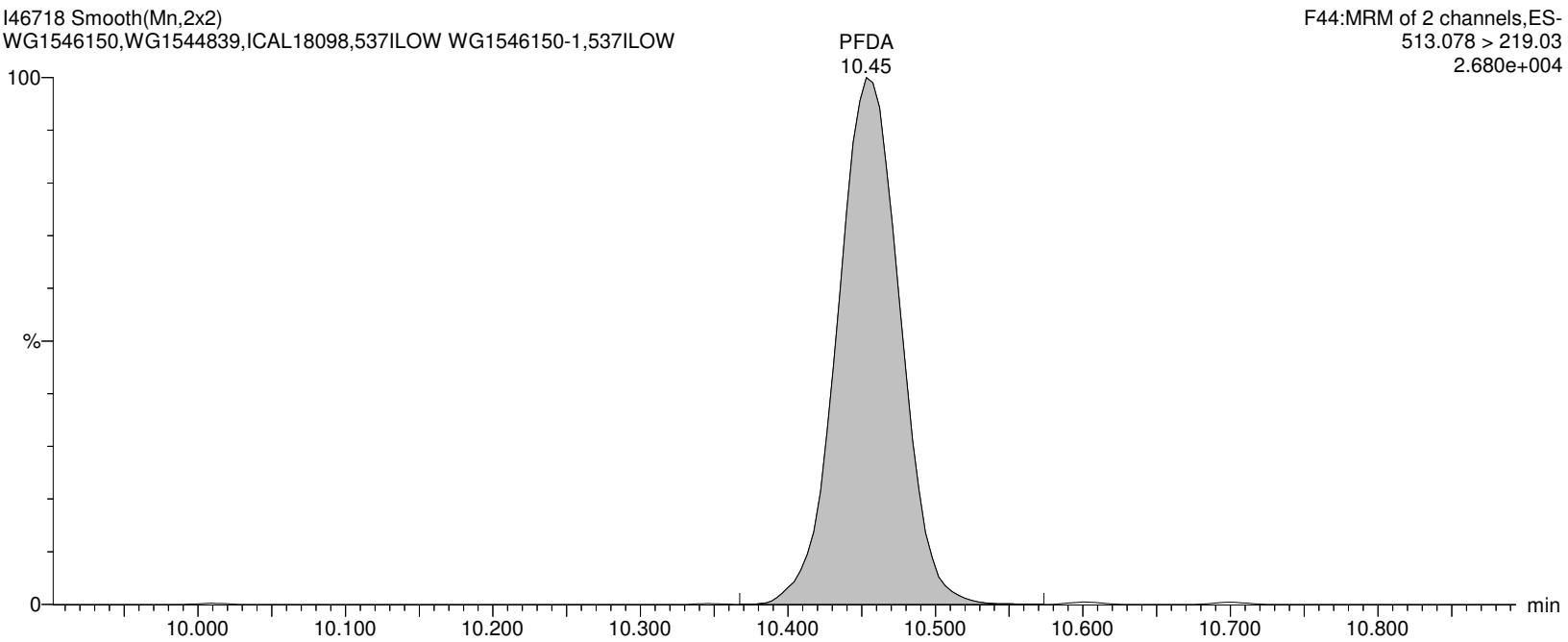
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDA



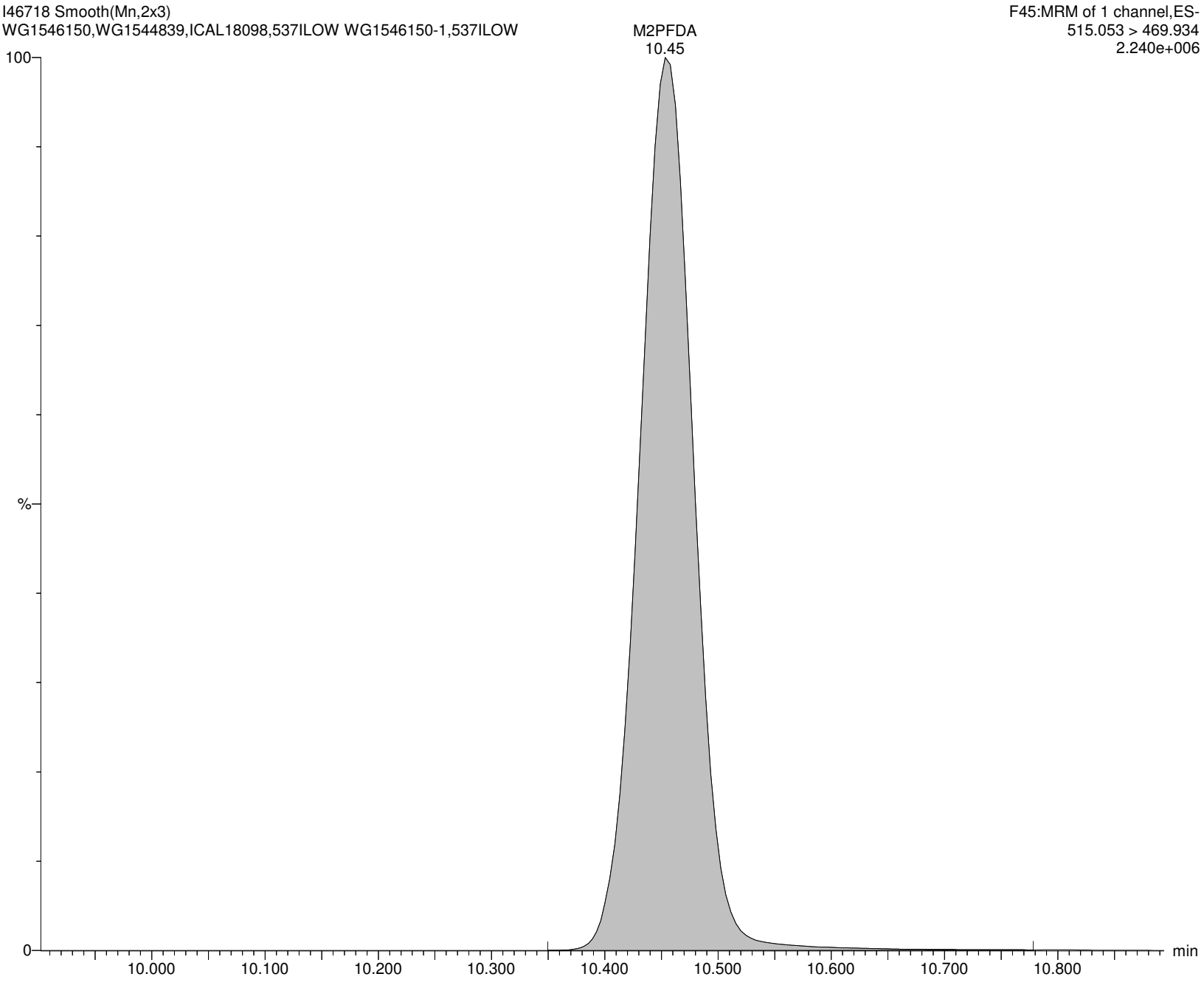


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFDA

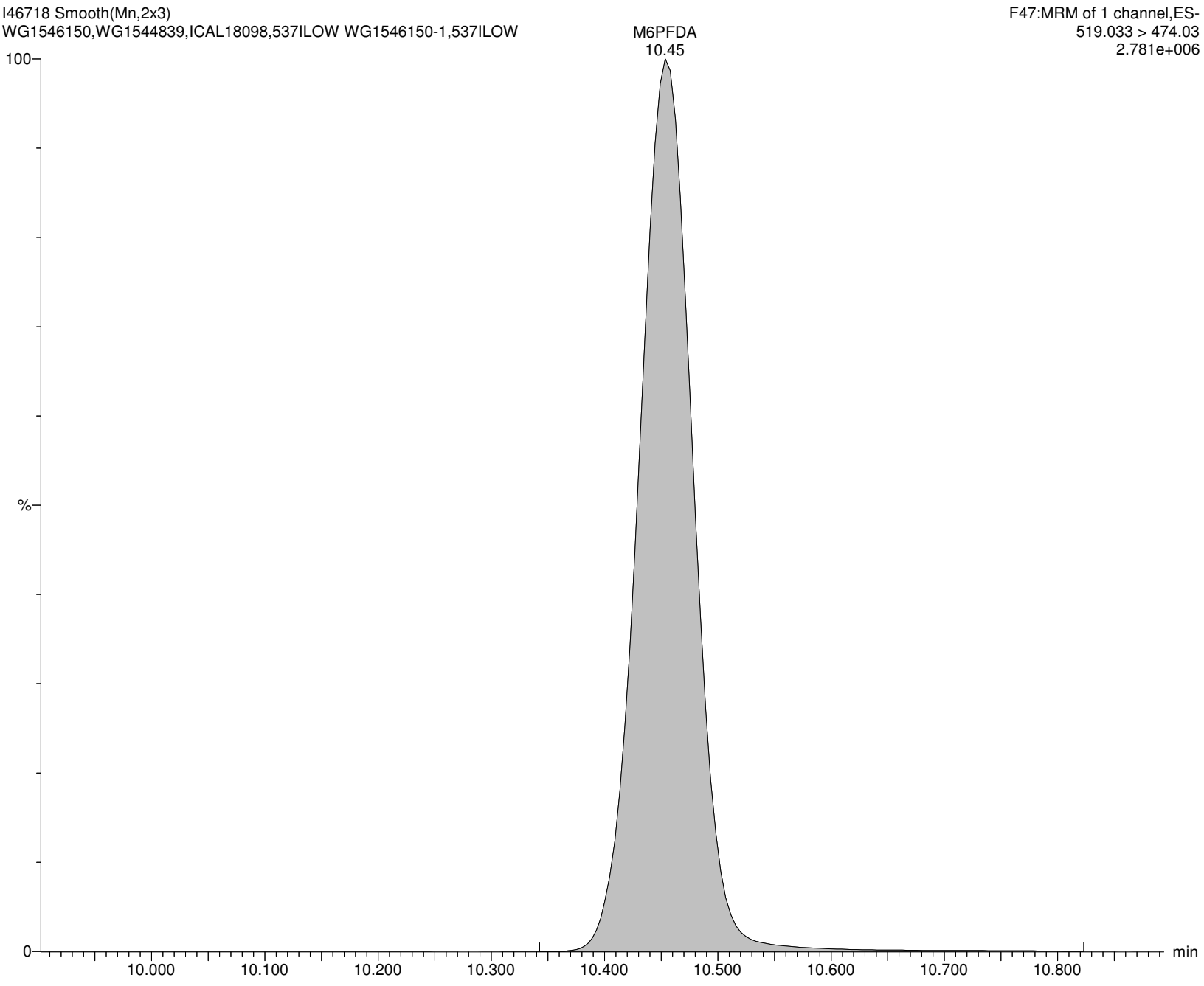


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M6PFDA

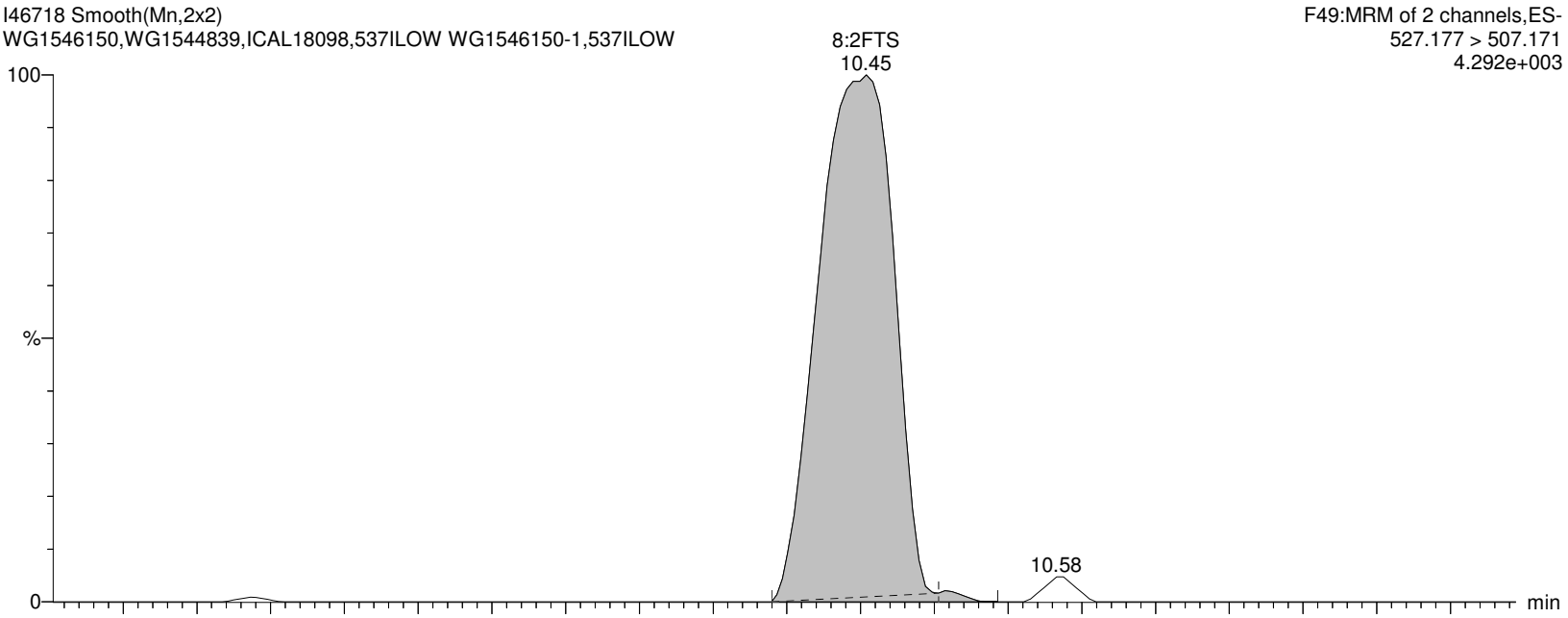


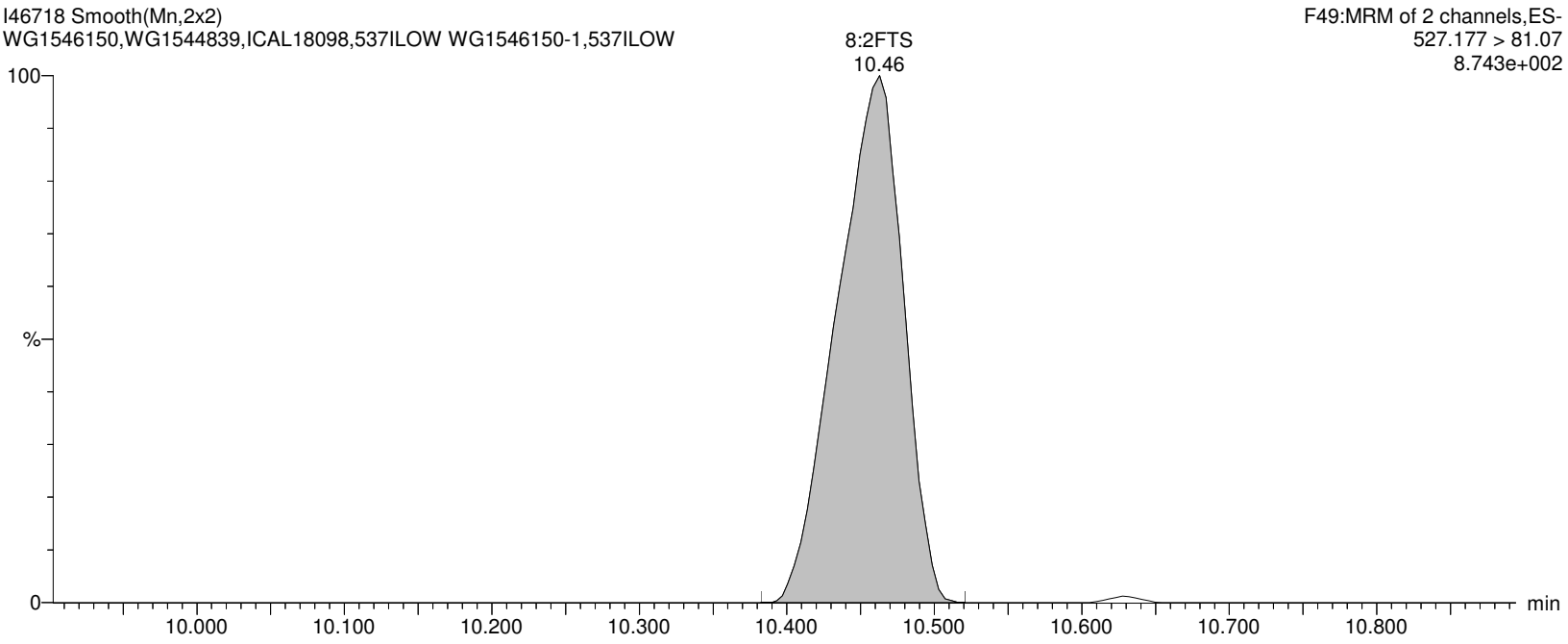
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

8:2FTS



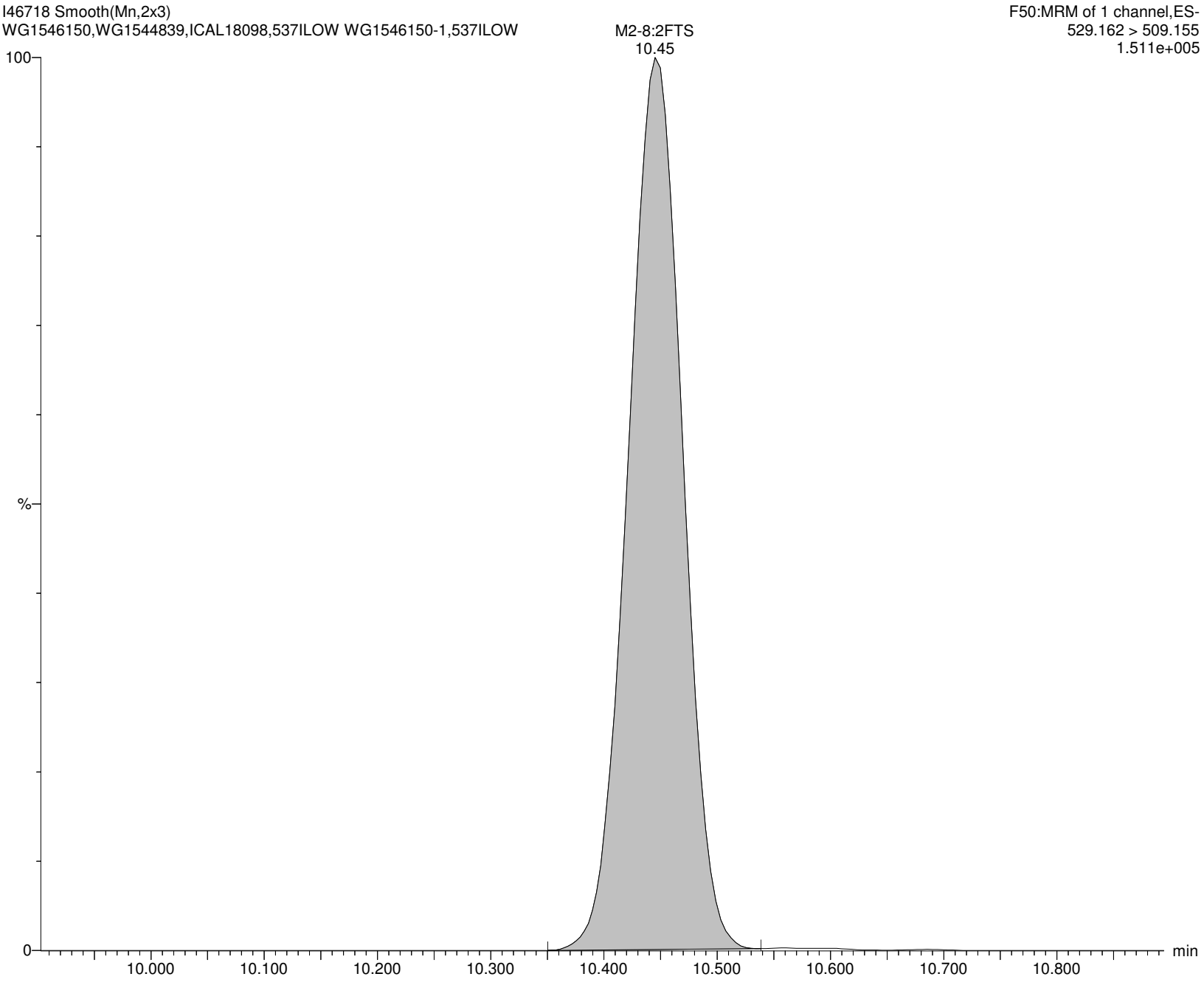


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-8:2FTS

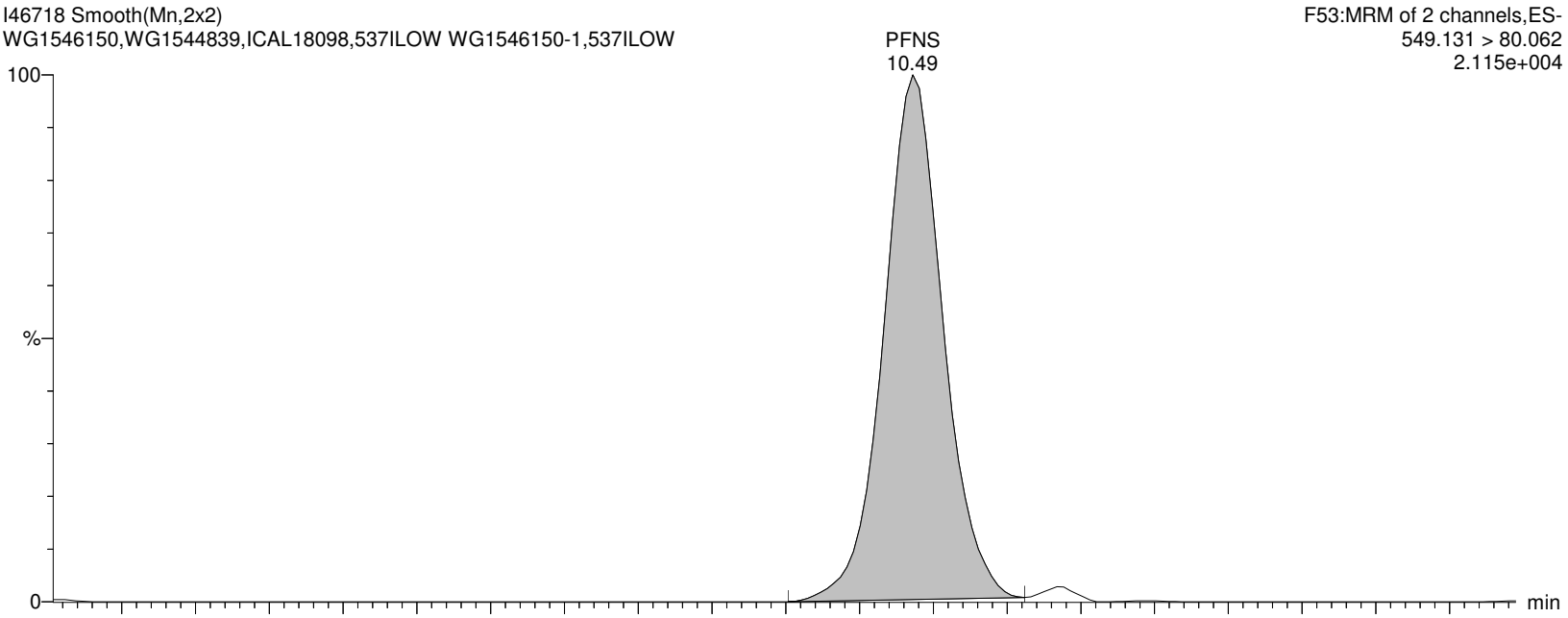


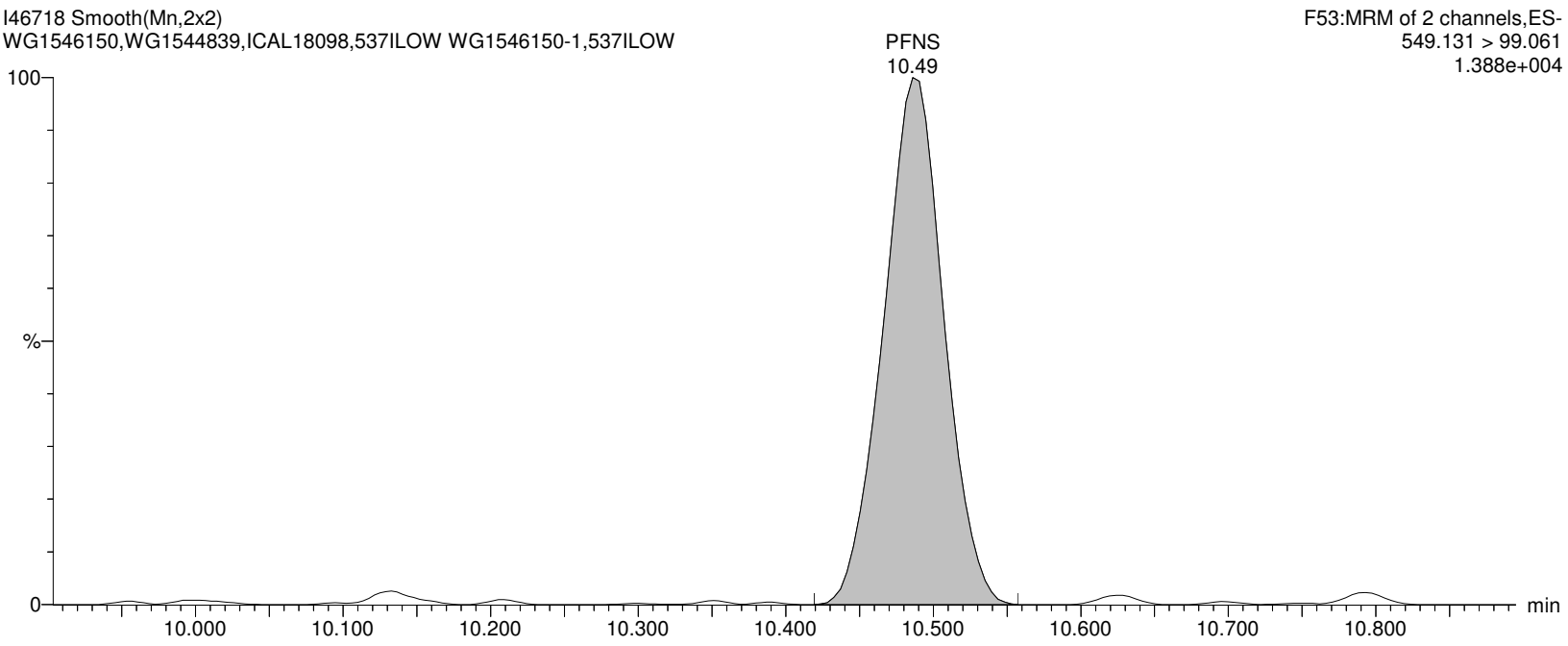
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNS



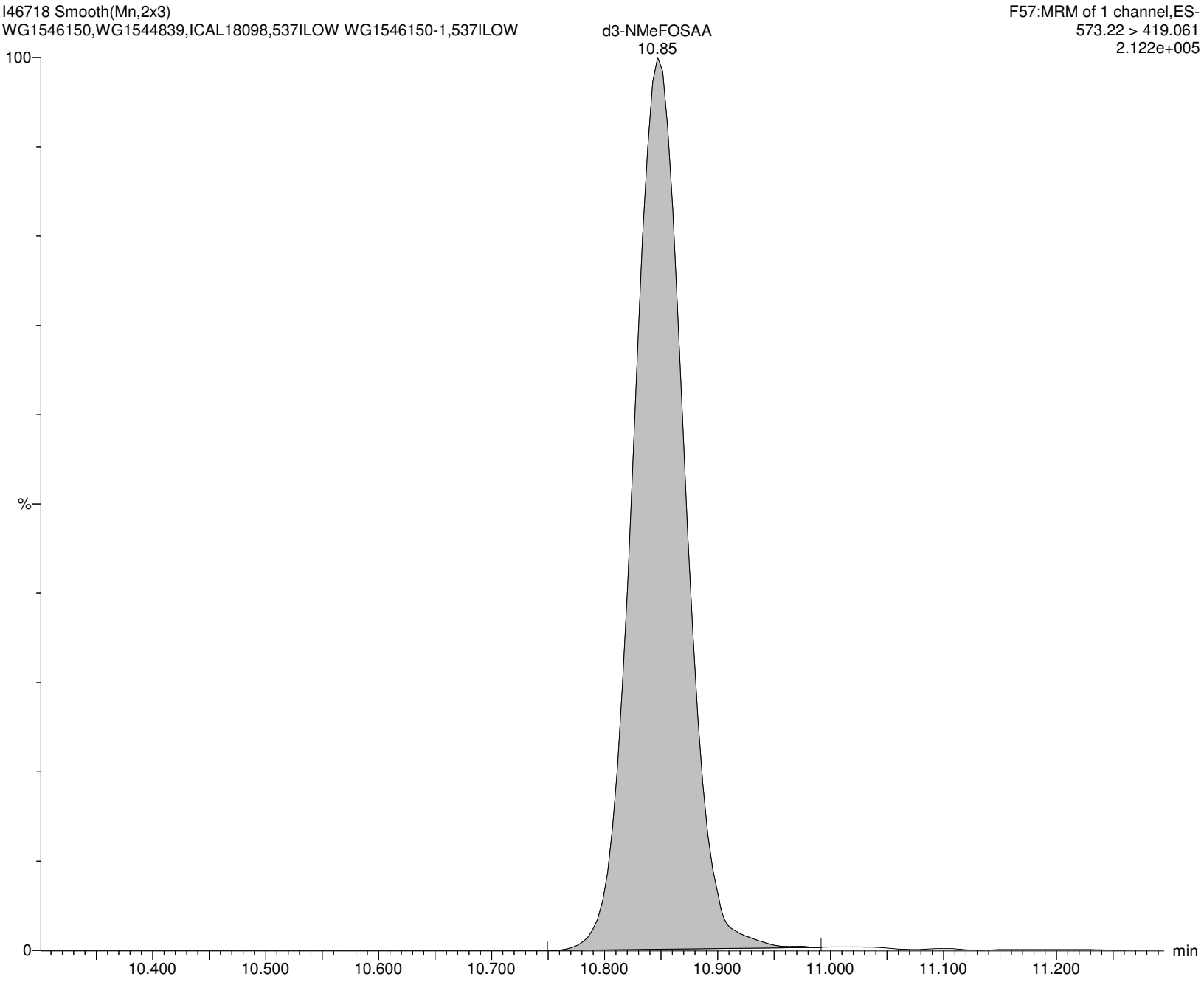


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSAA

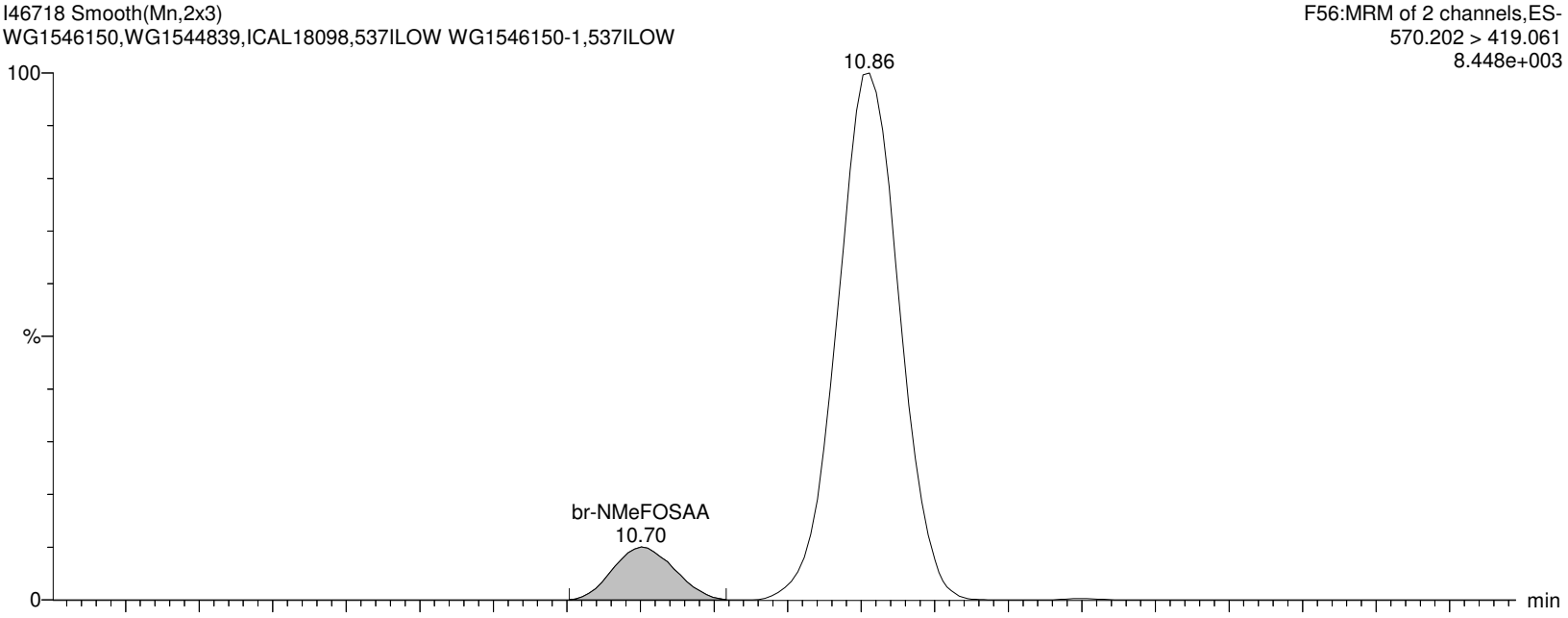


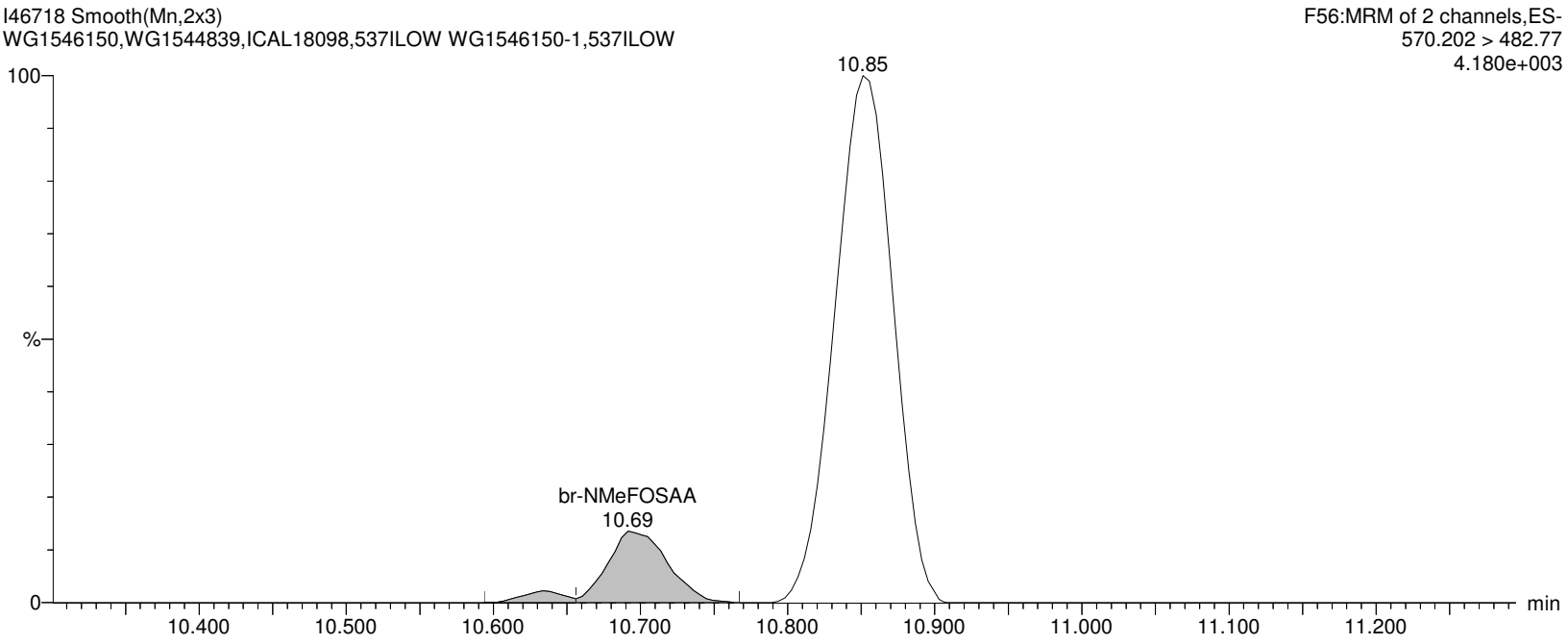
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NMeFOSAA



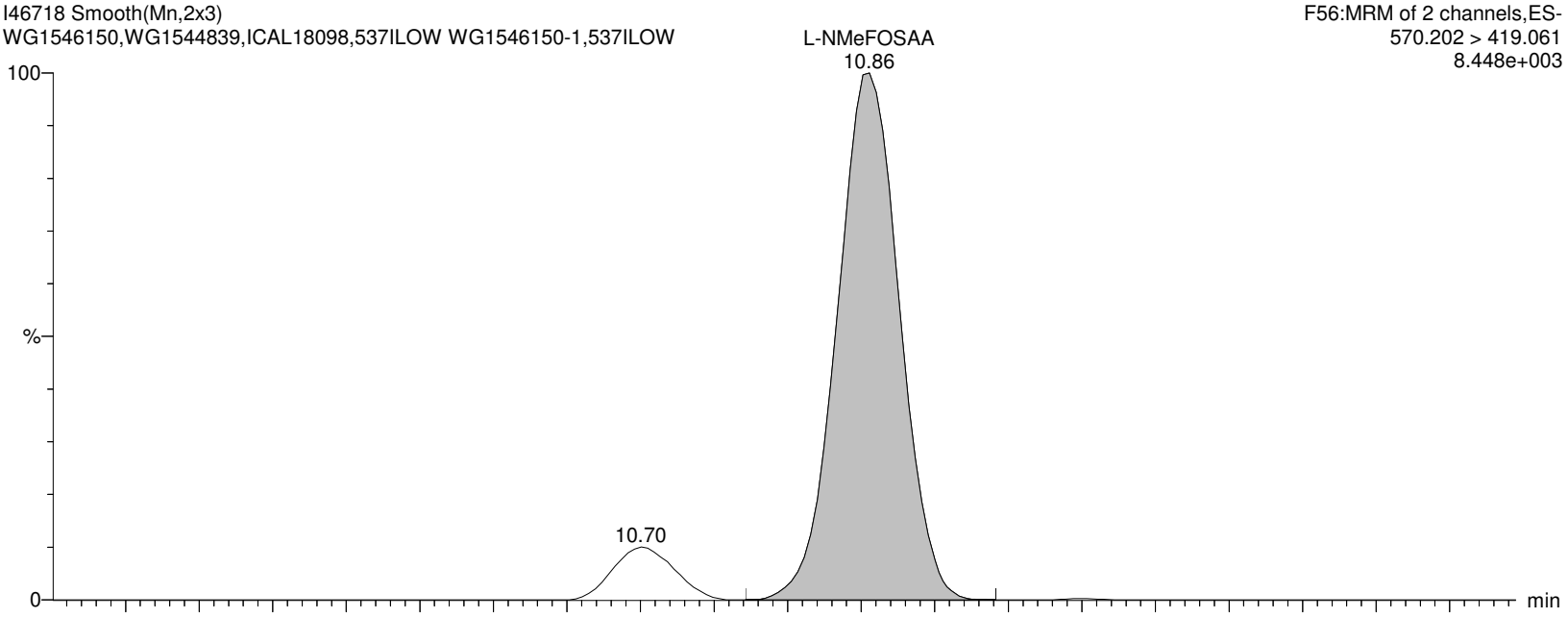


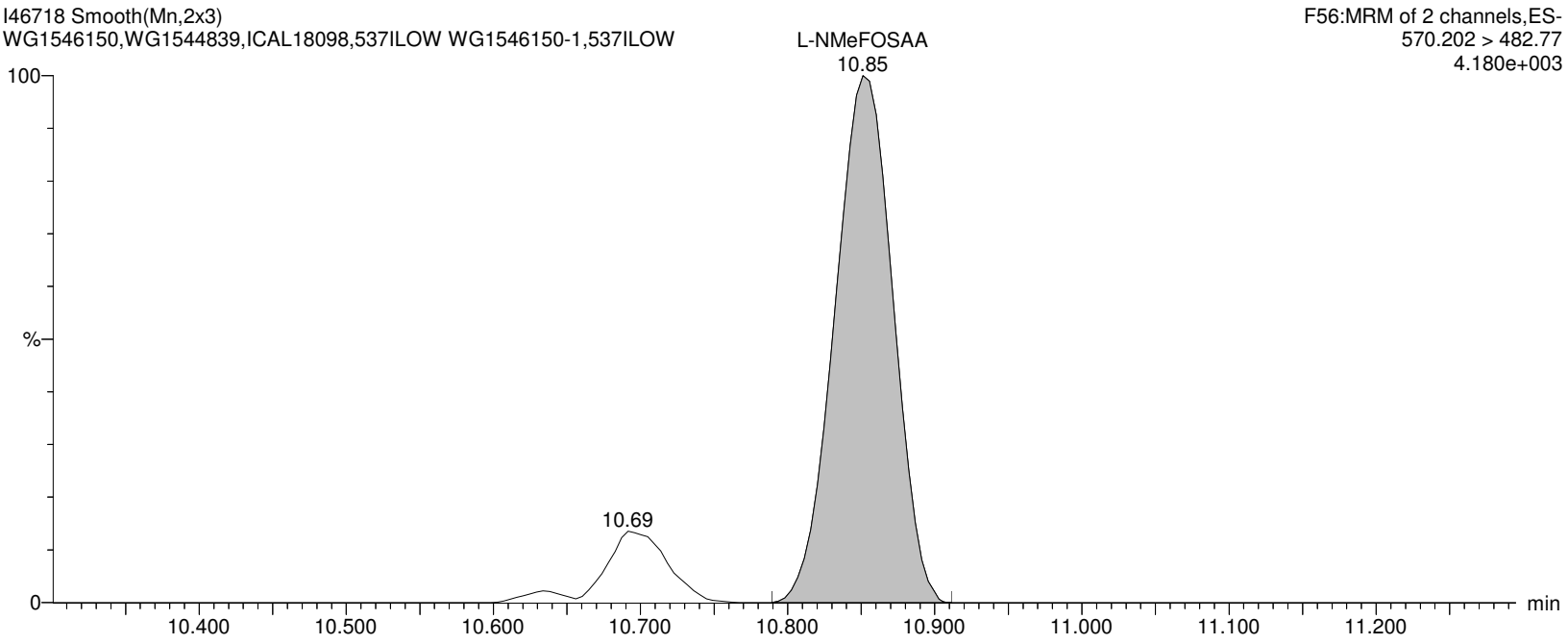
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NMeFOSAA



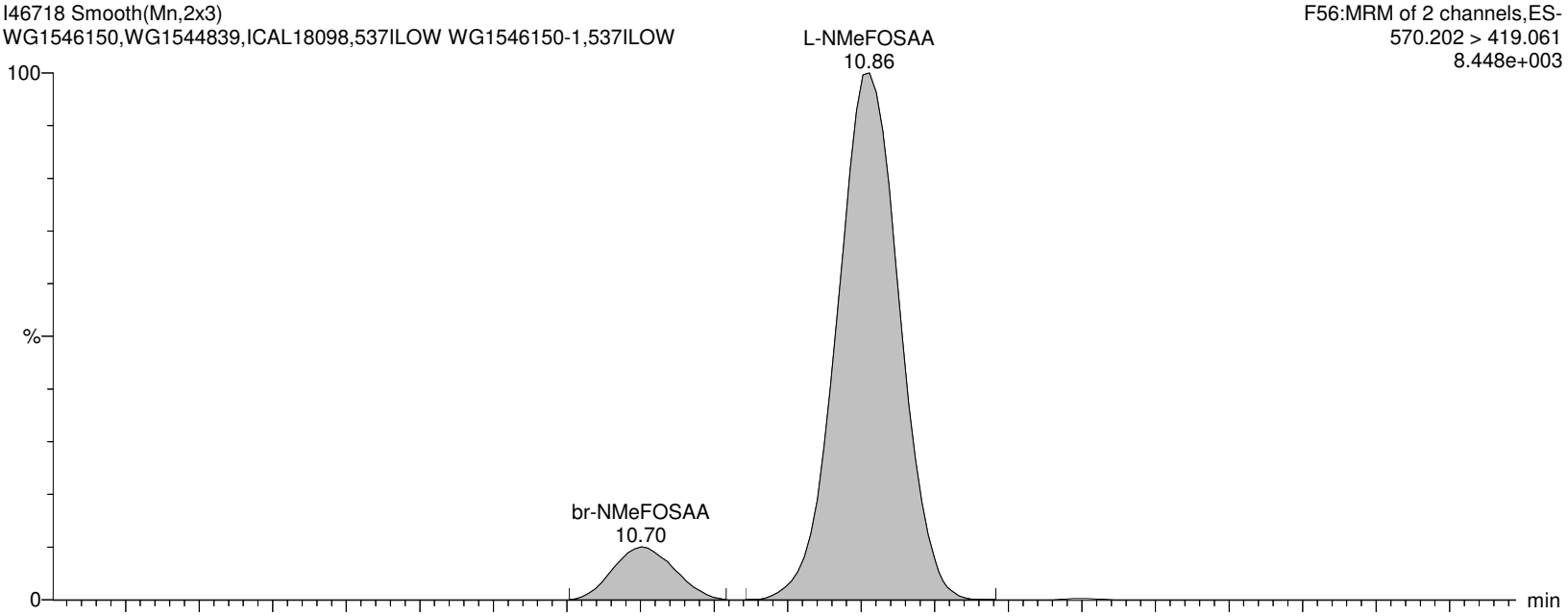


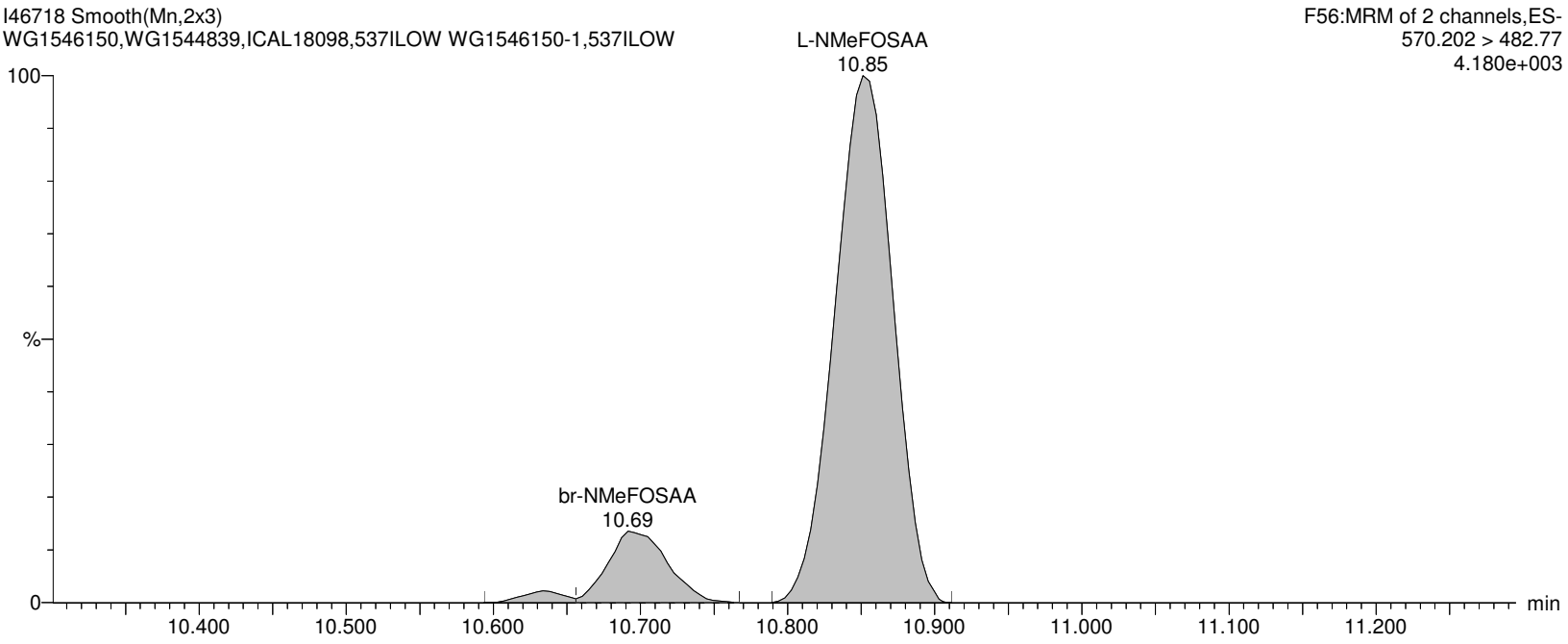
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSAA



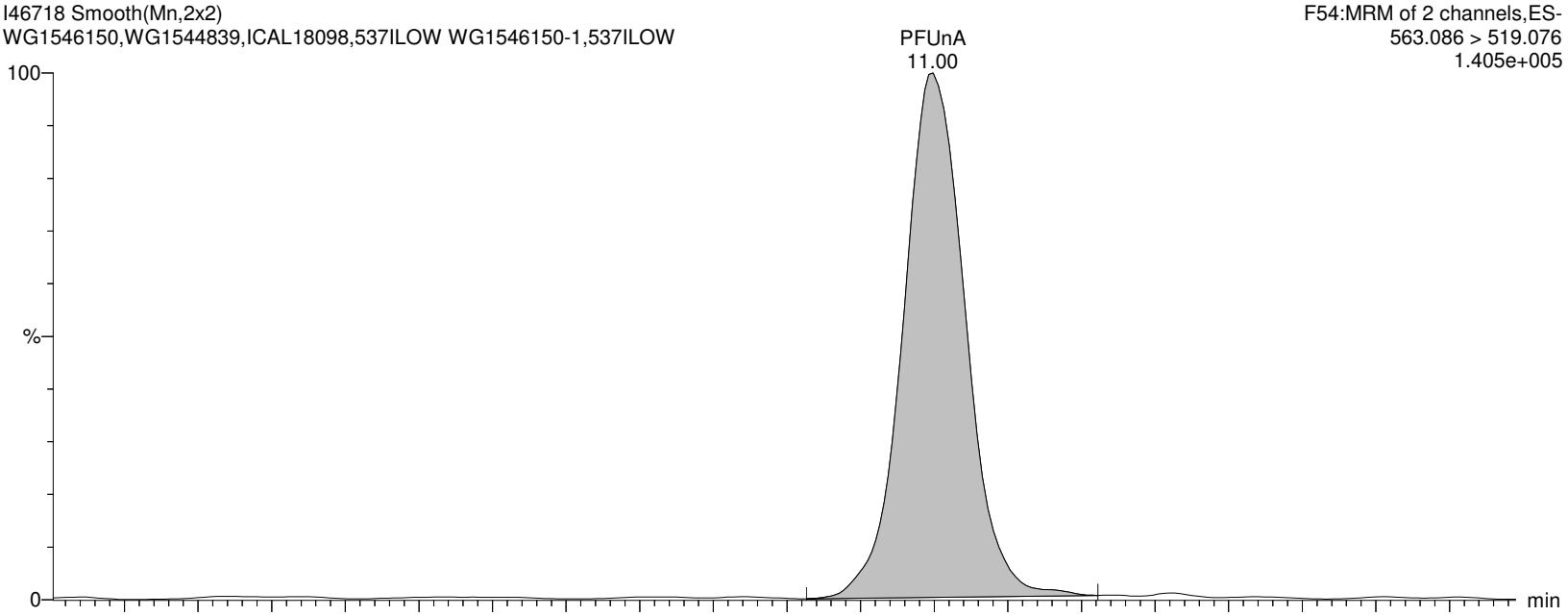


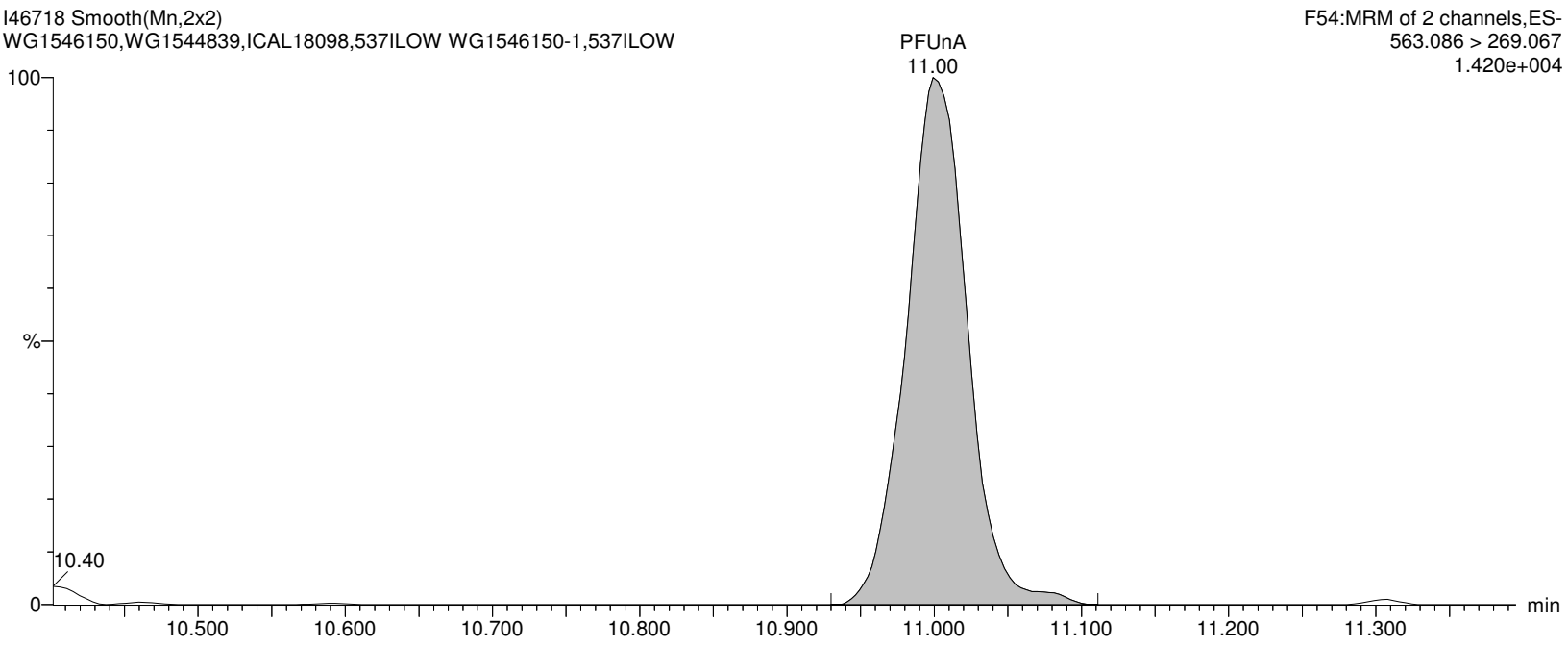
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFUnA



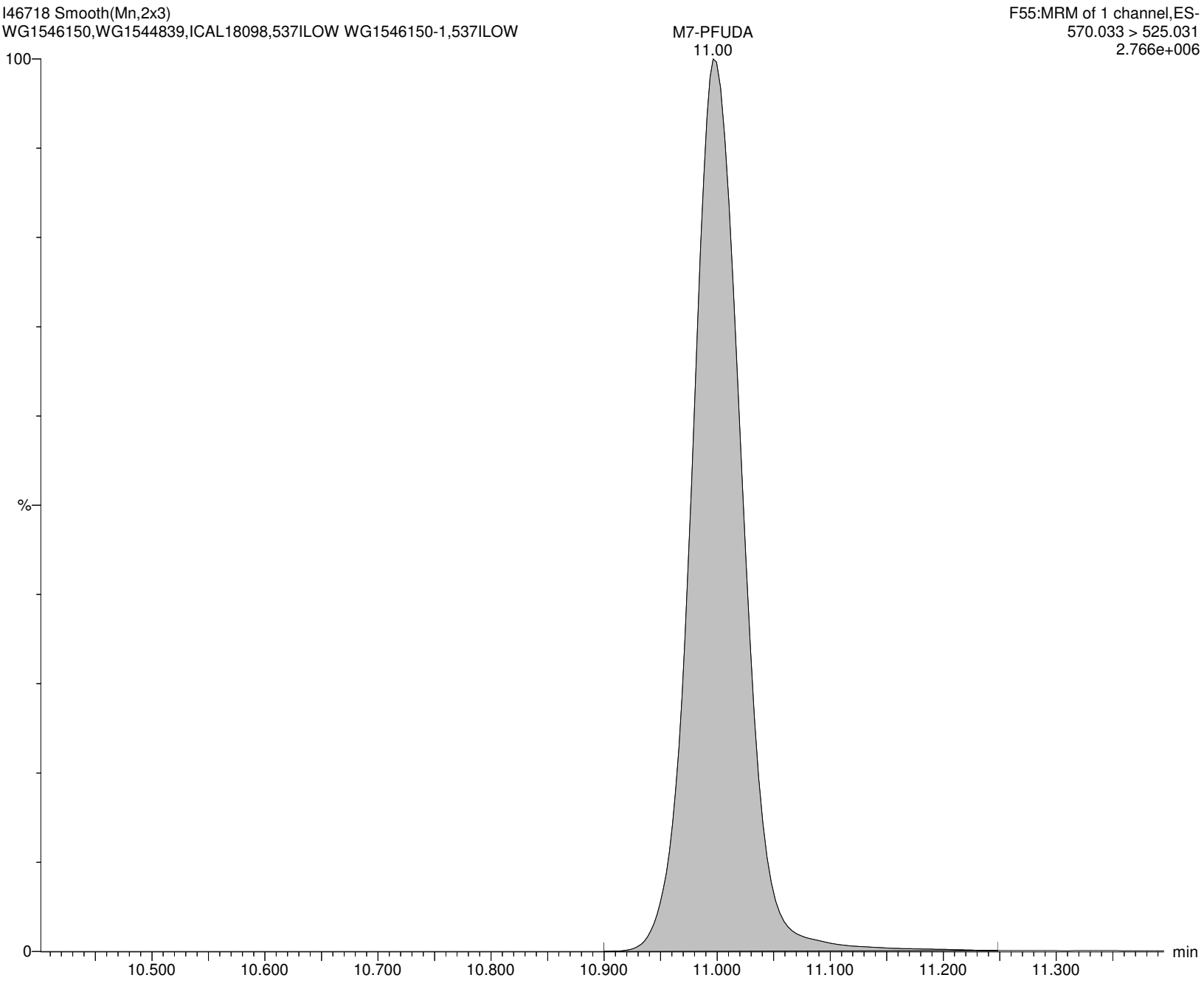


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M7-PFUDA

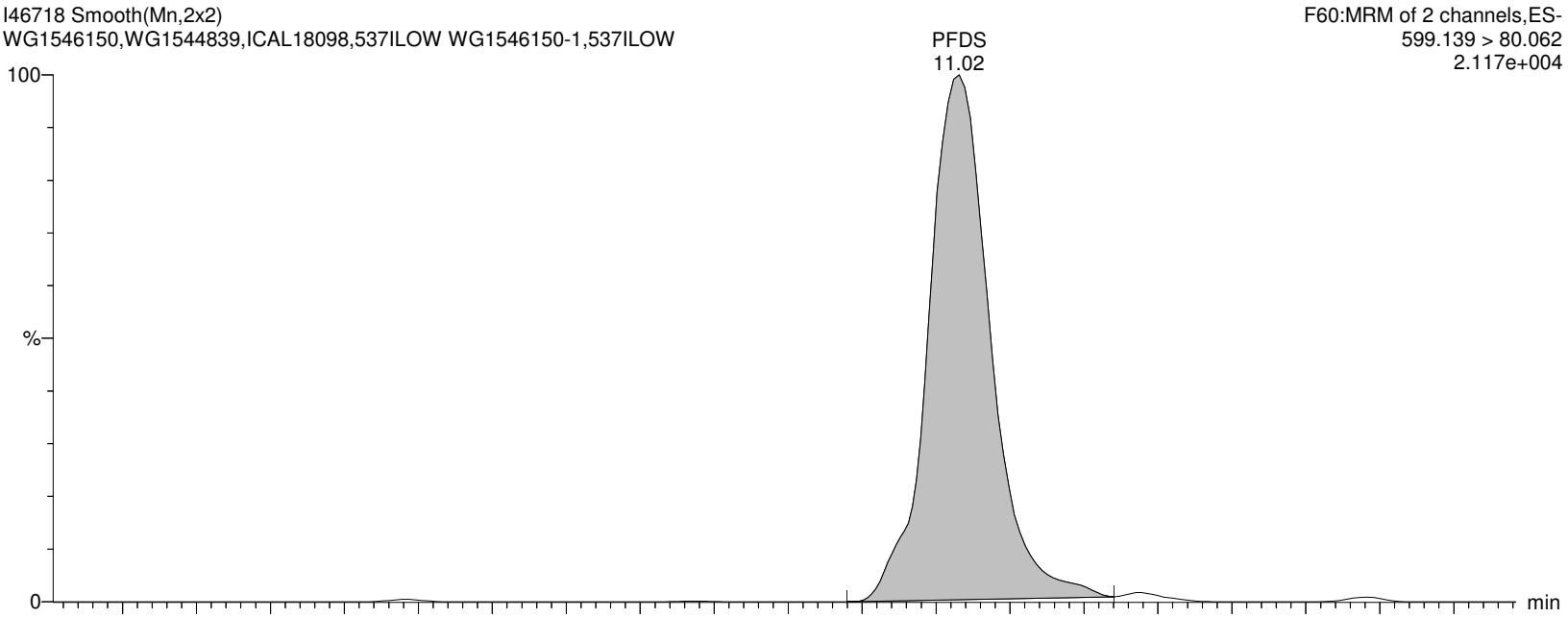


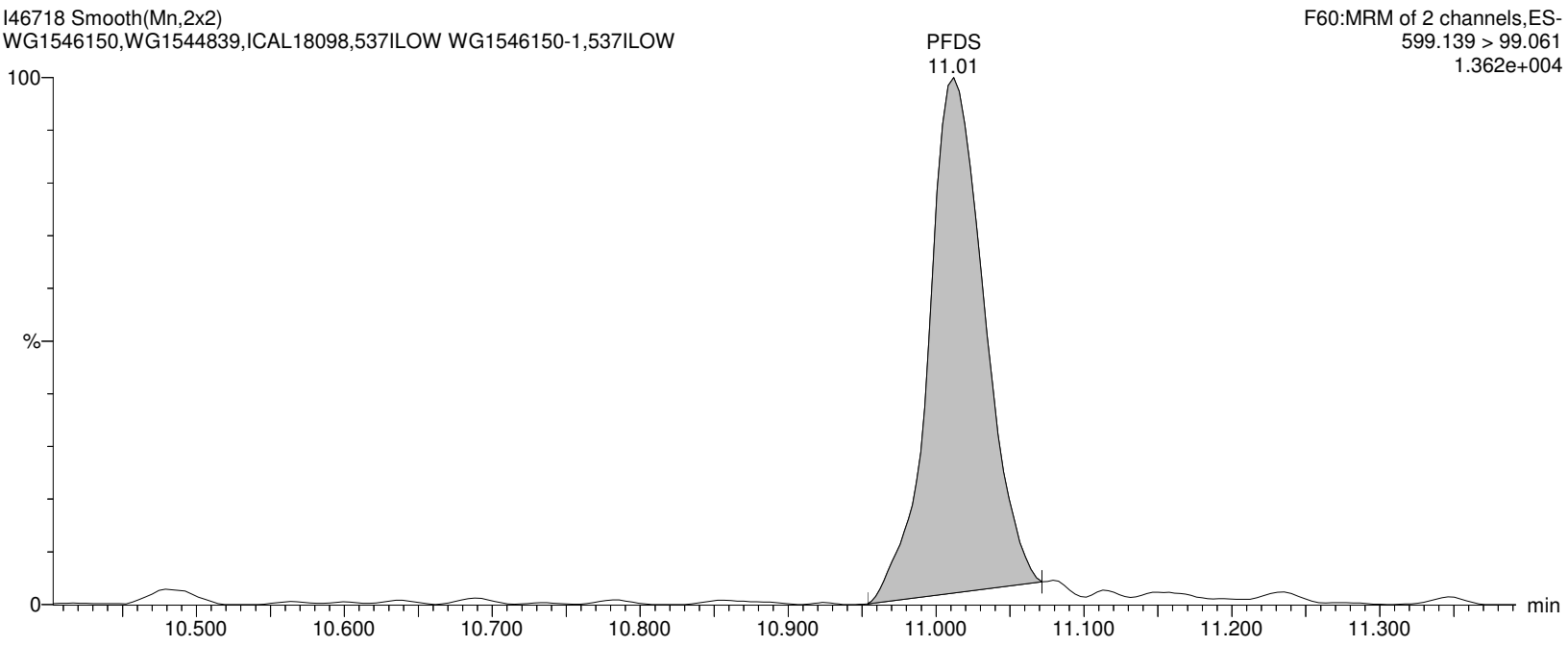
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDS



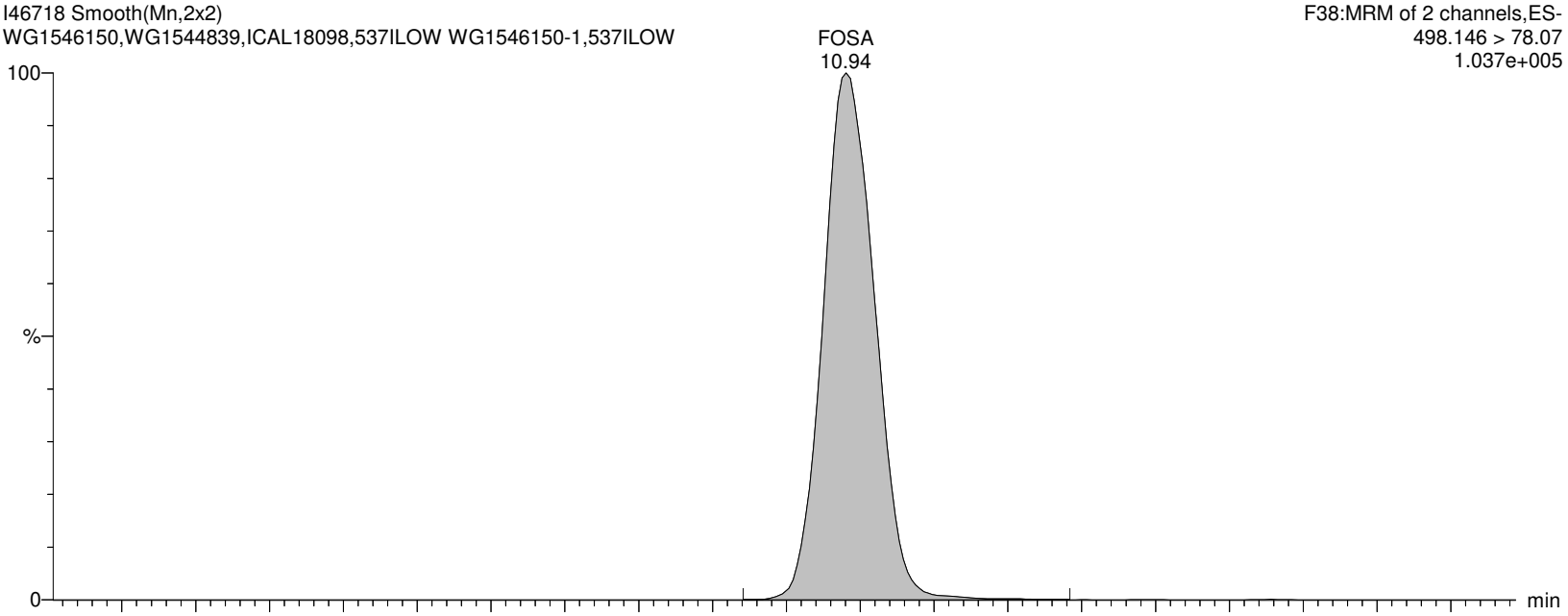


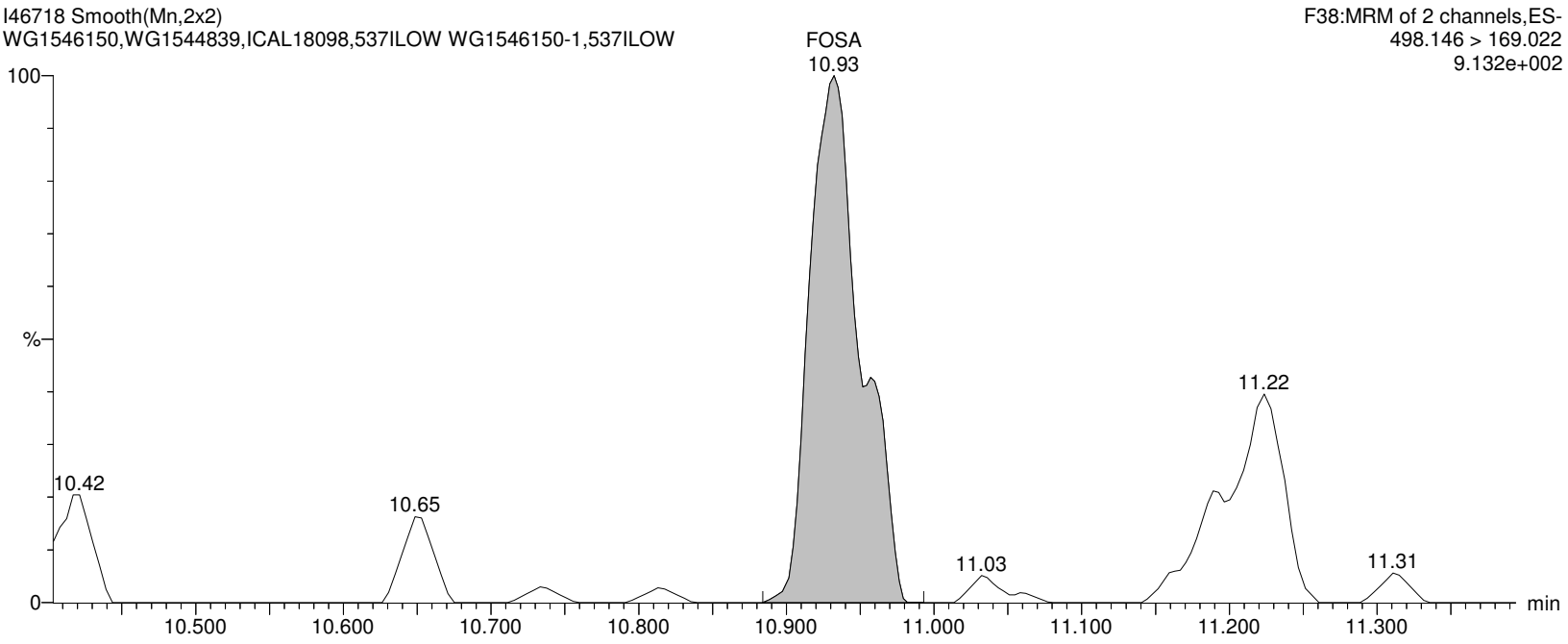
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

FOSA



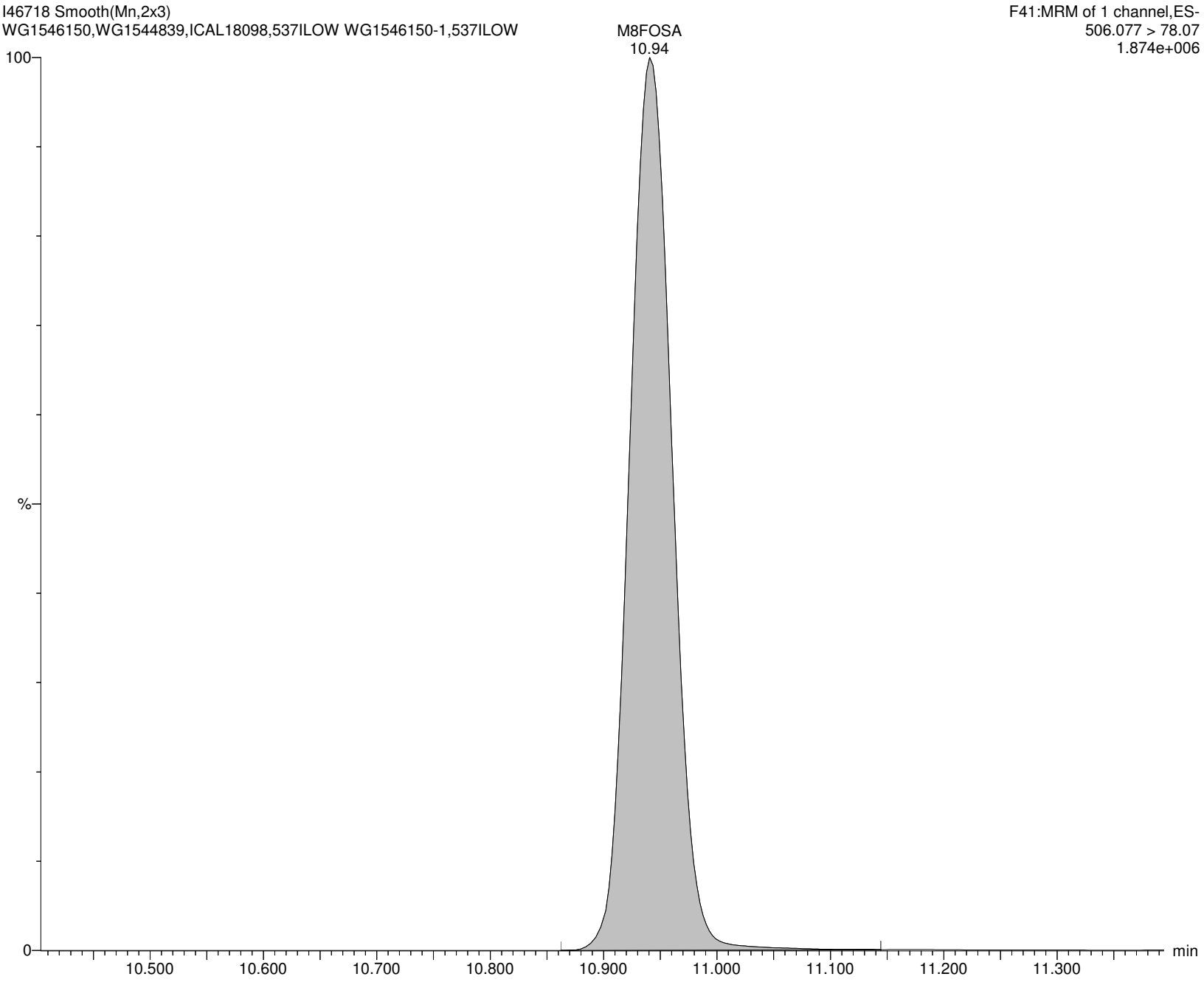


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8FOSA

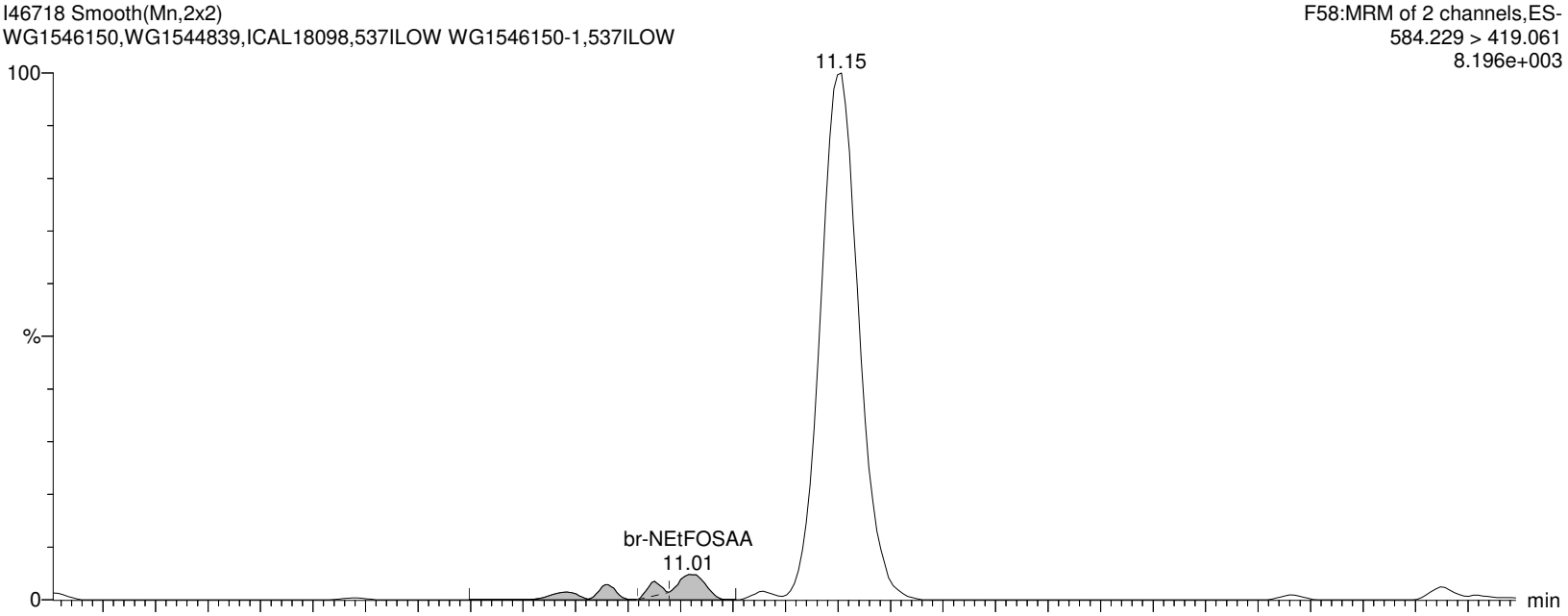


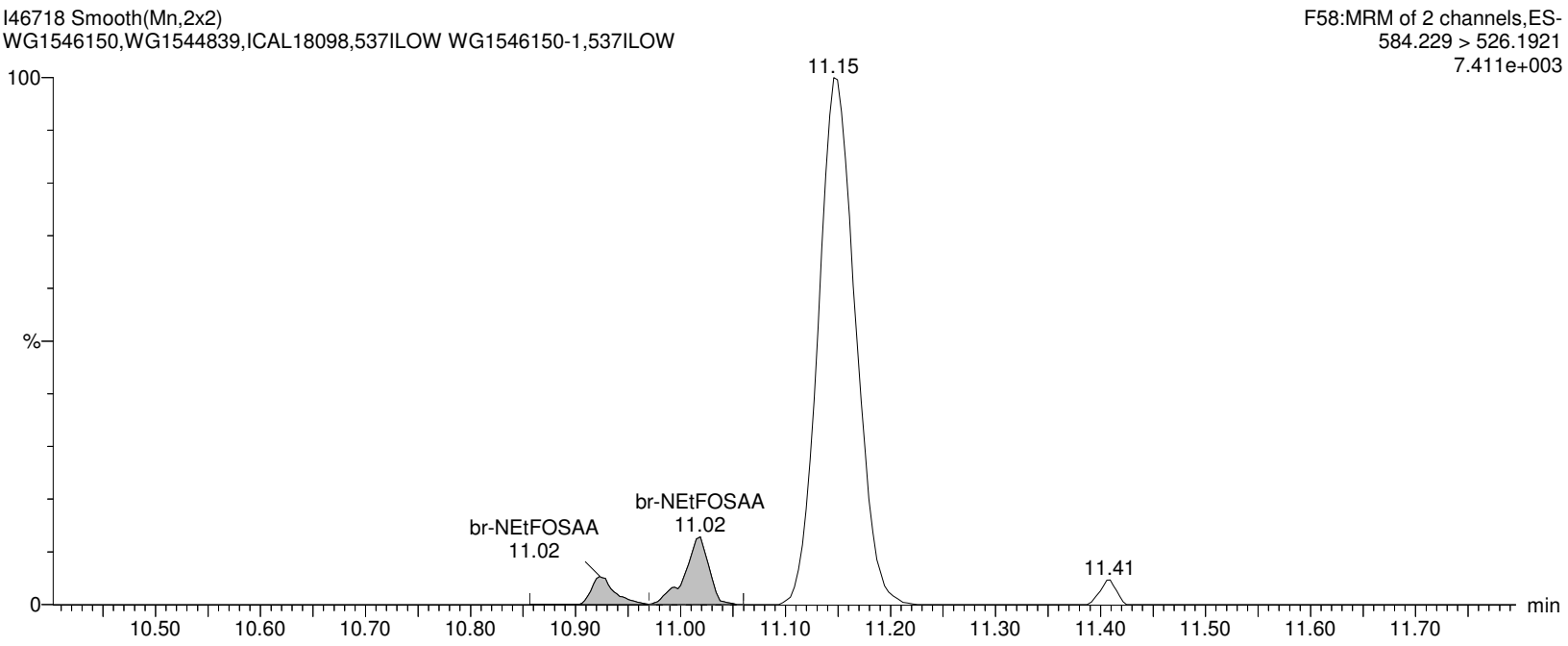
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NEtFOSAA



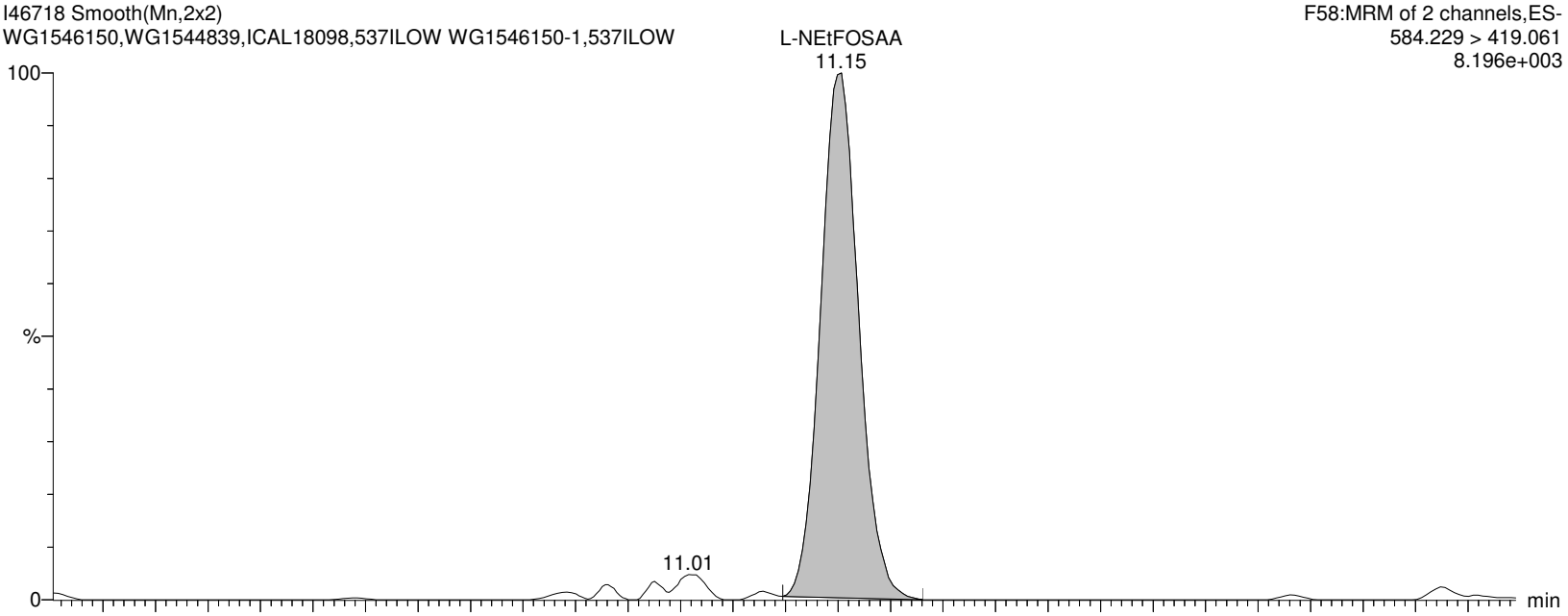


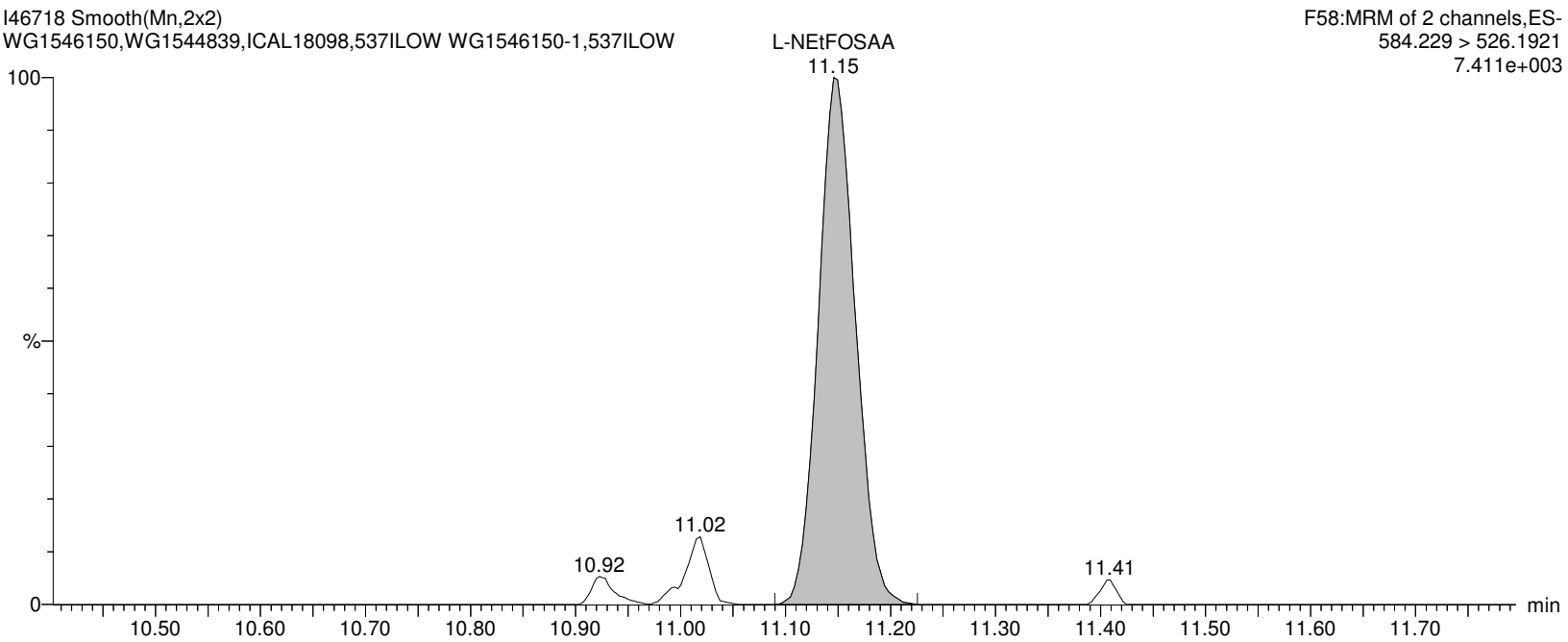
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NEtFOSAA



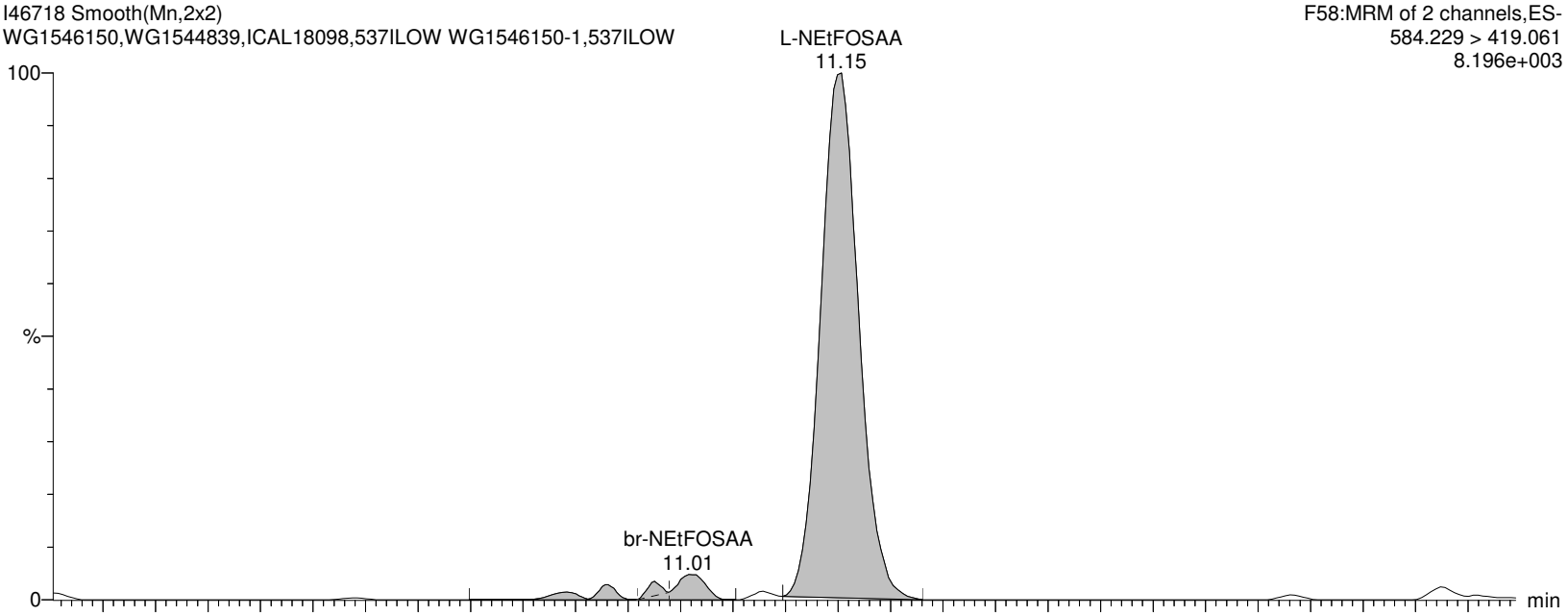


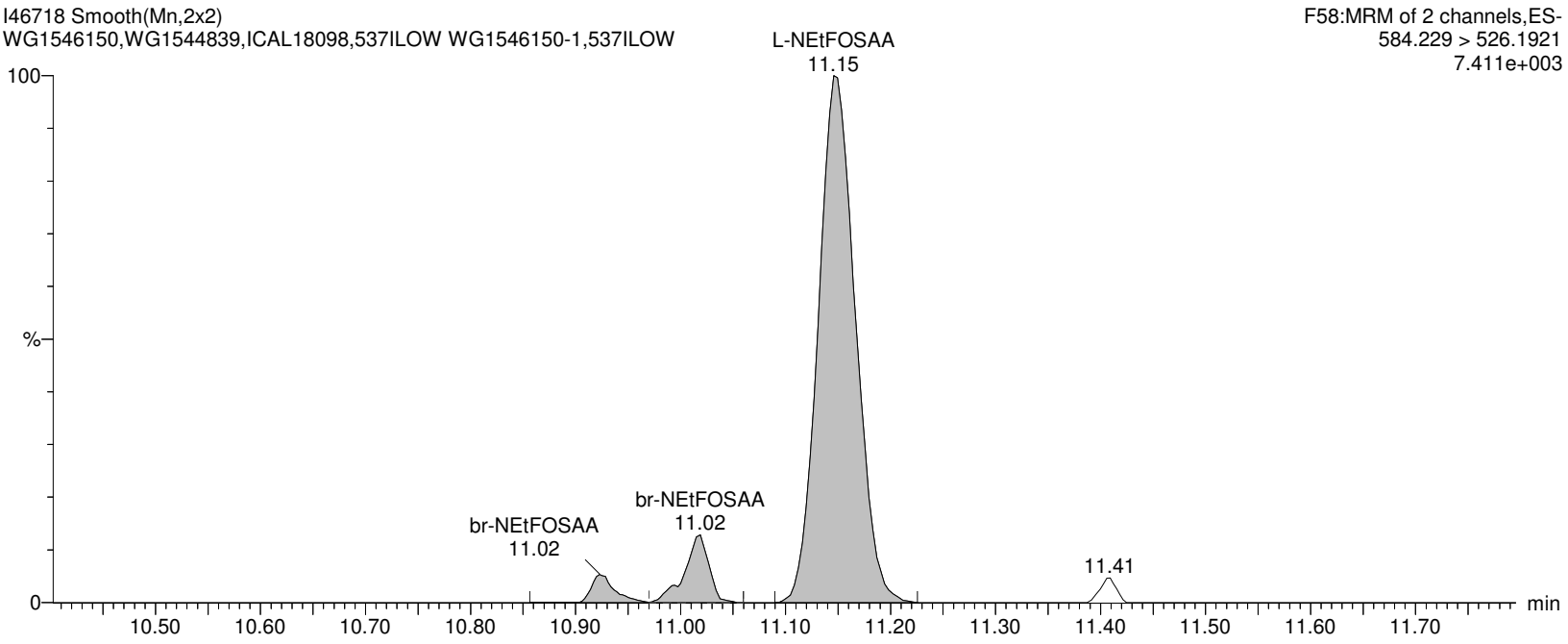
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSAA



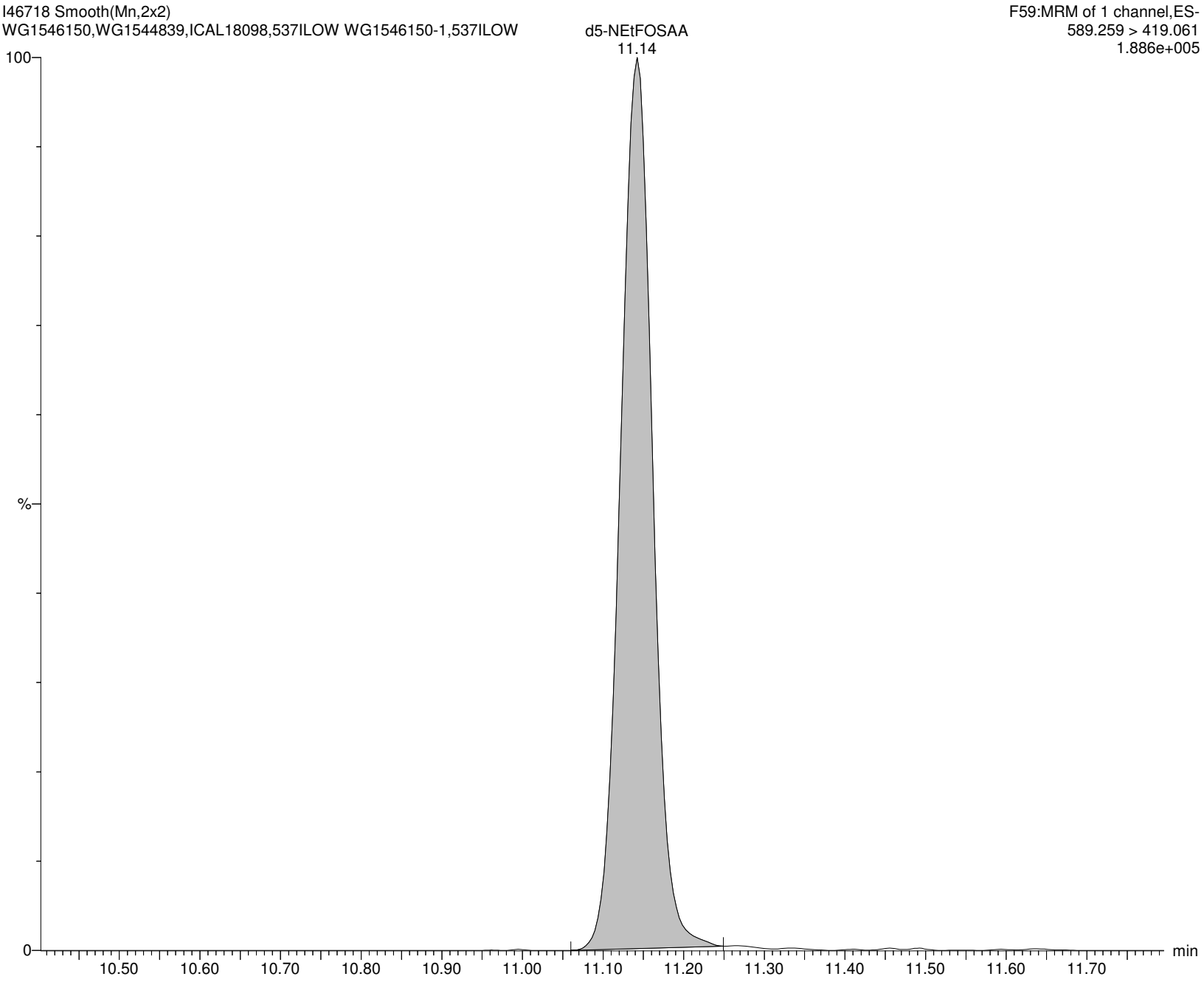


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSAA

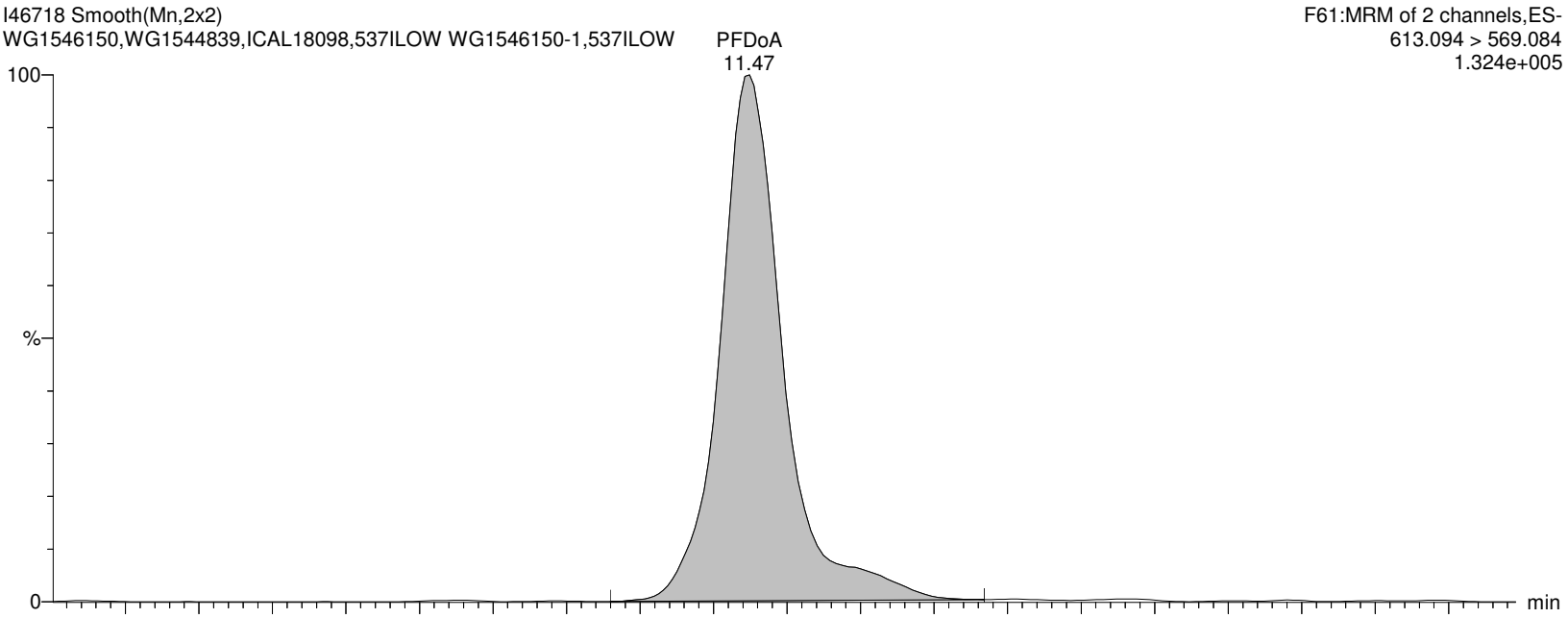


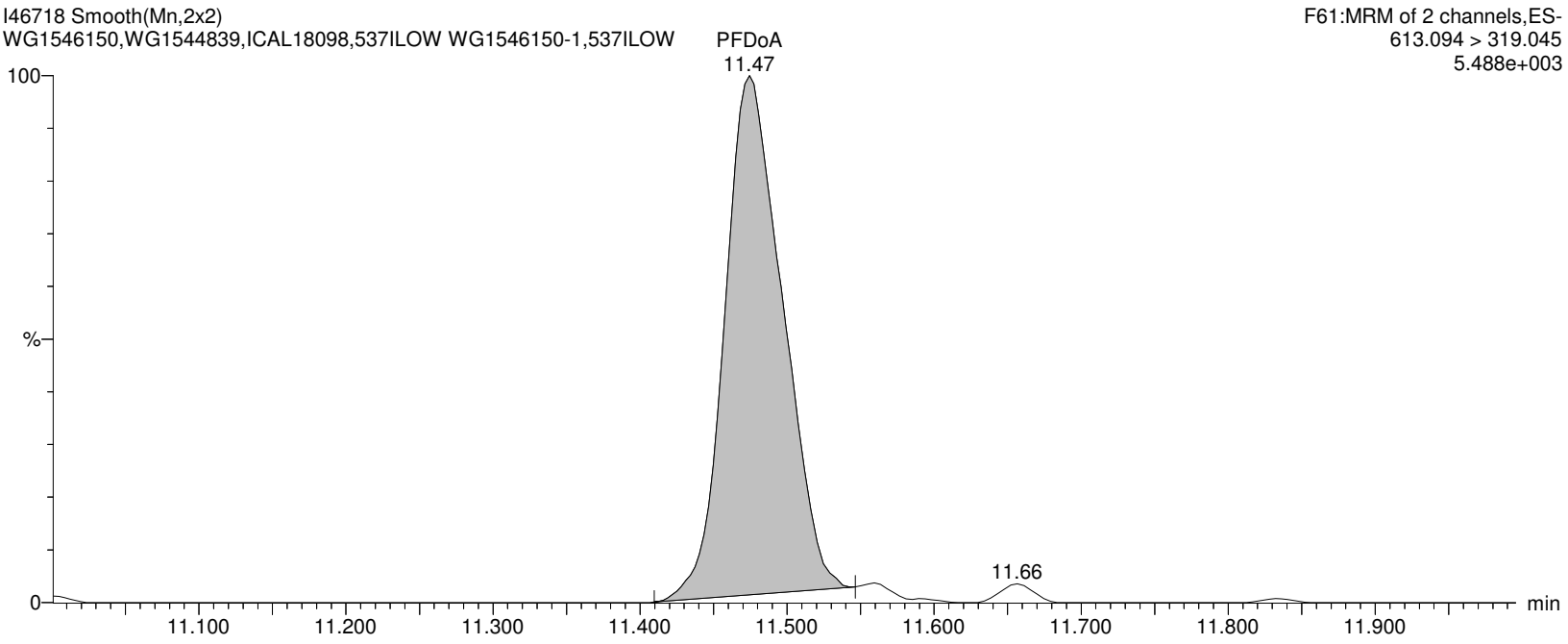
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoA



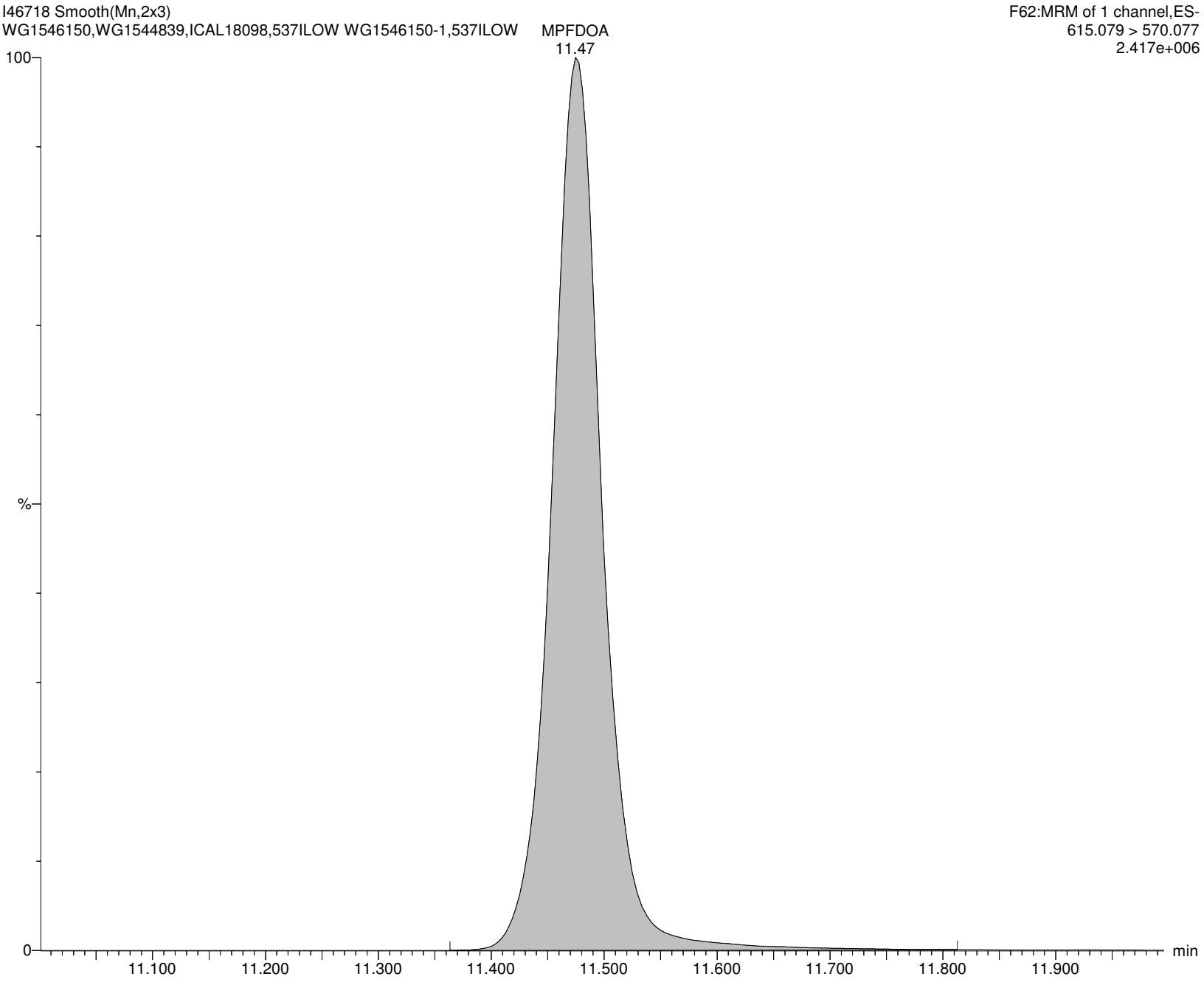


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFDOA

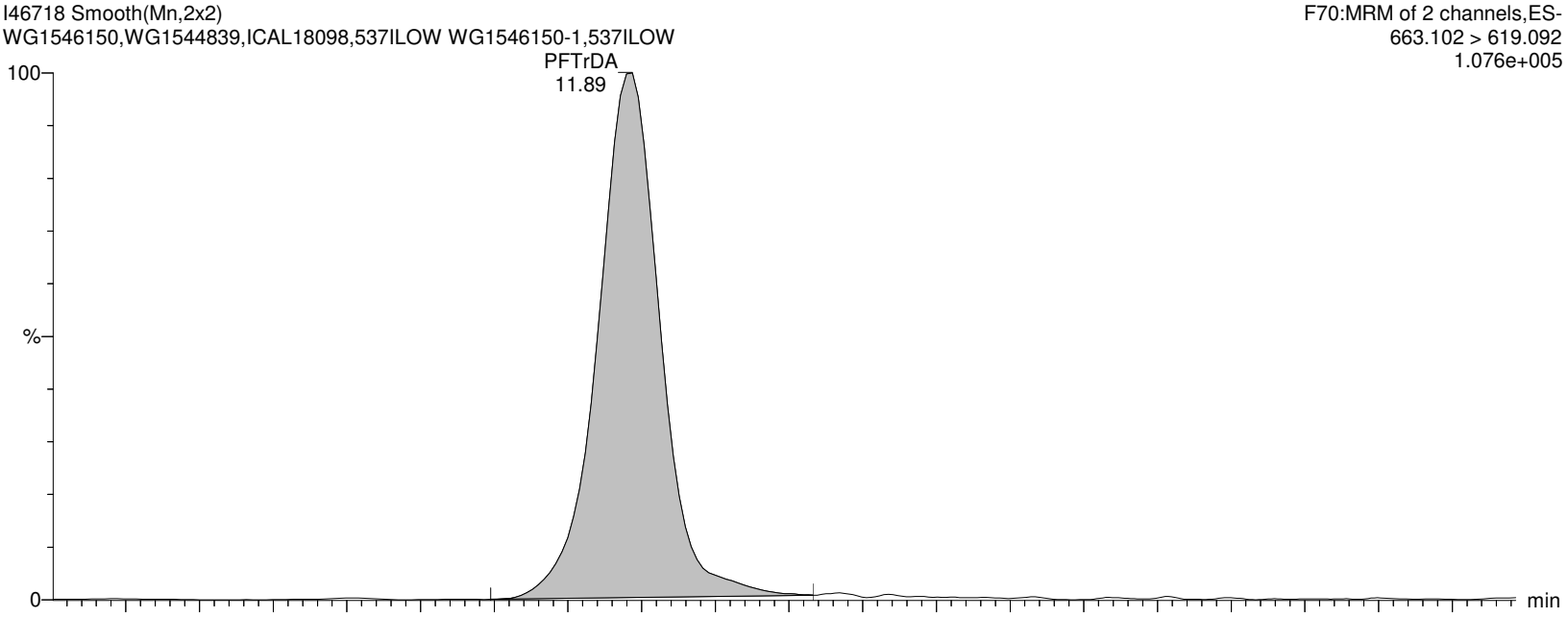


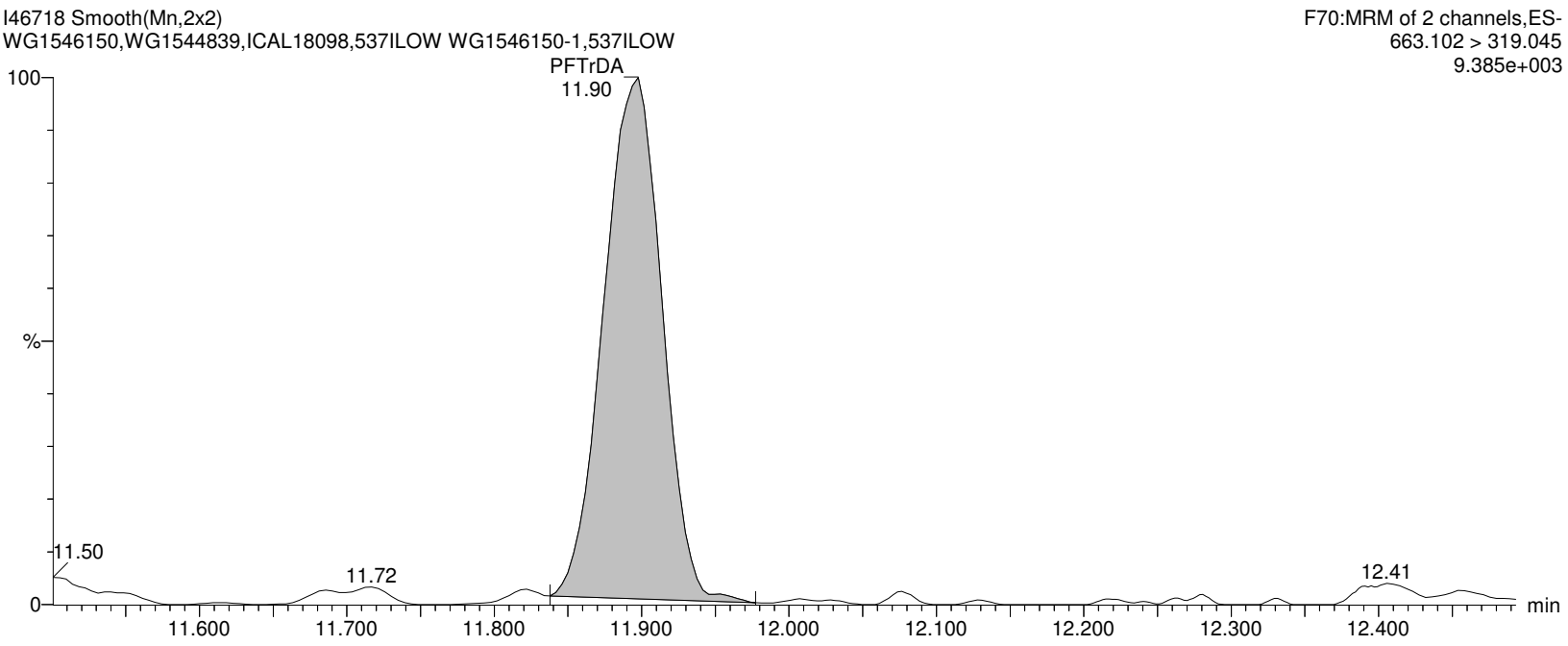
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTrDA



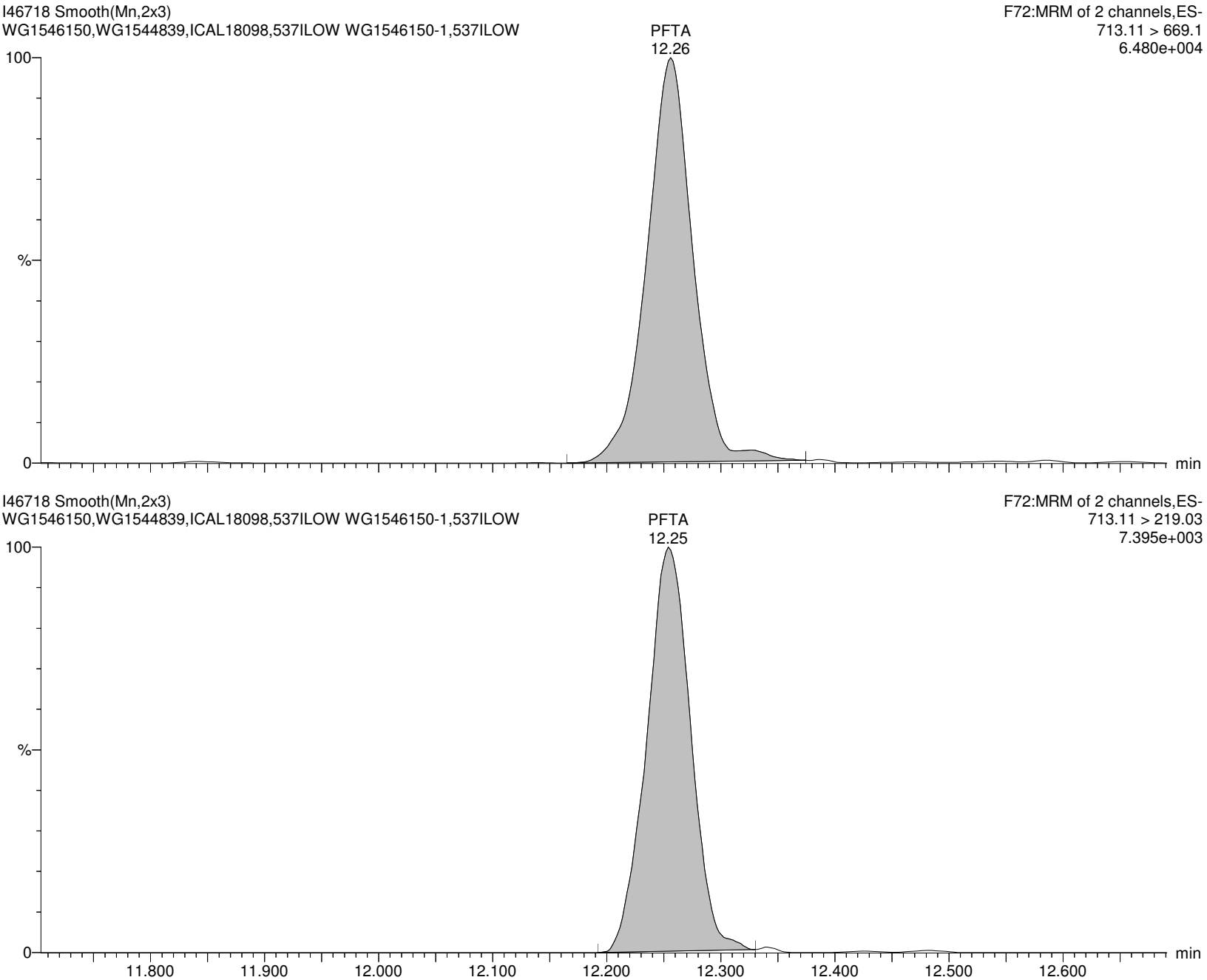


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTA

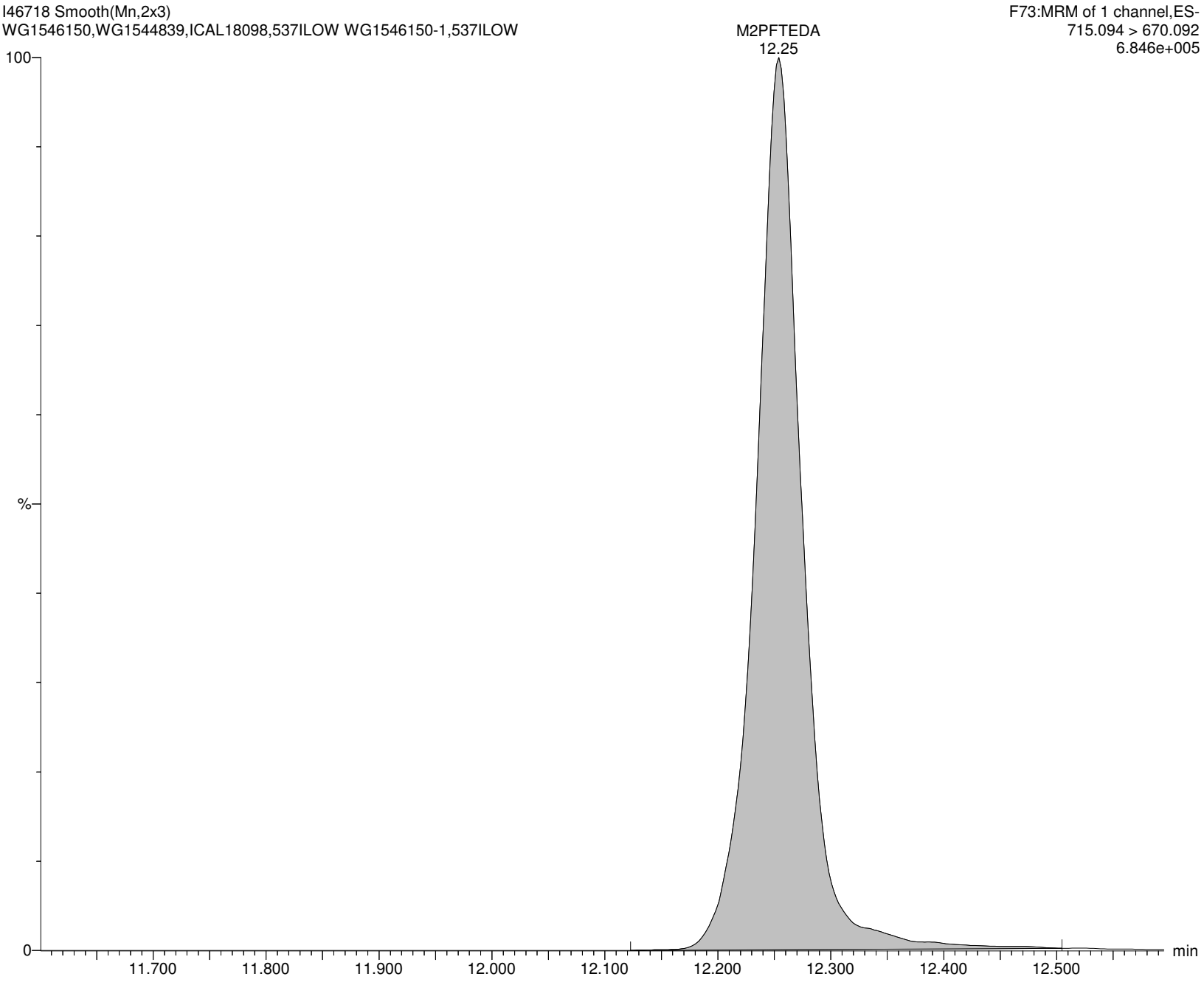


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFTEDA

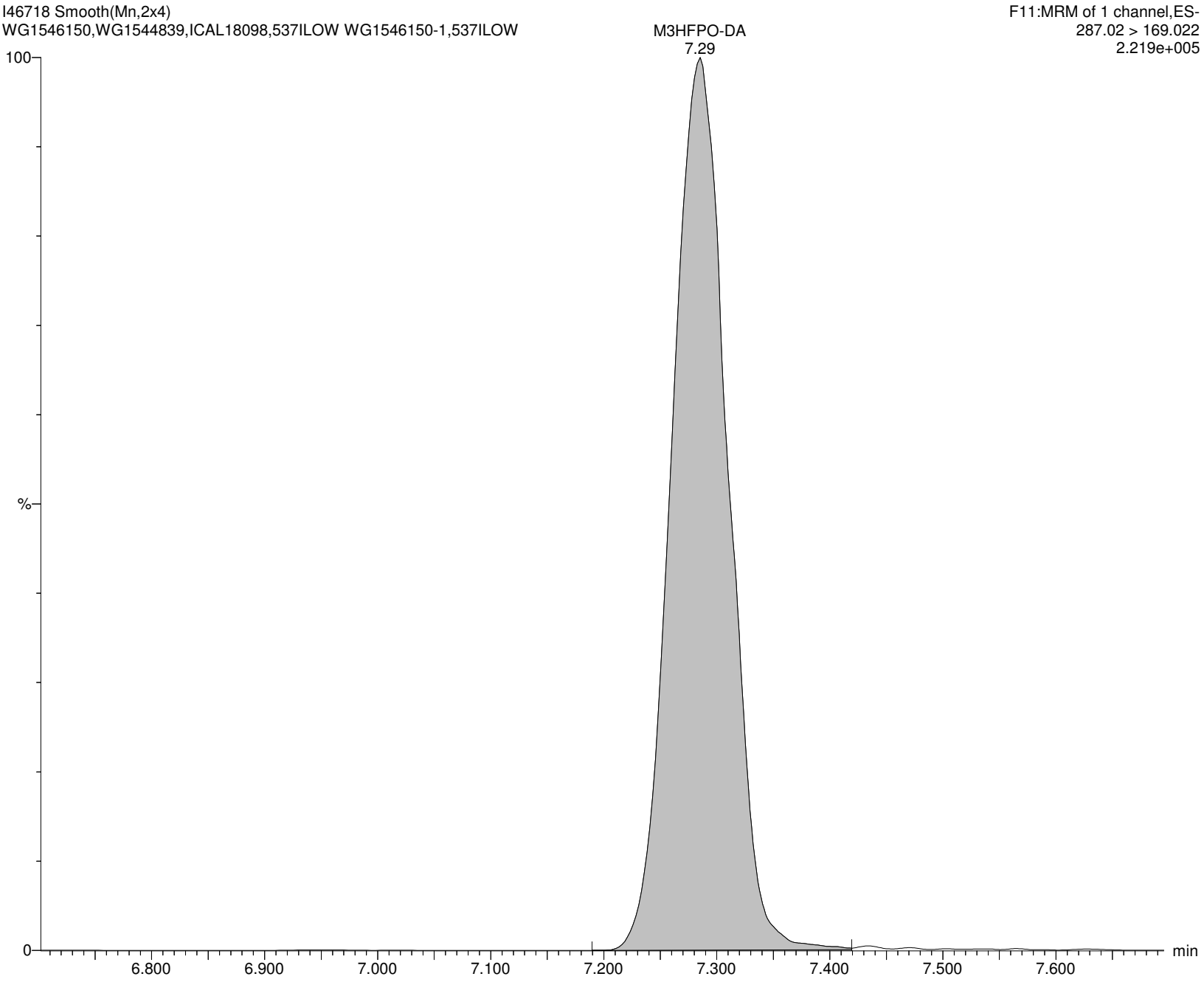


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3HFPO-DA

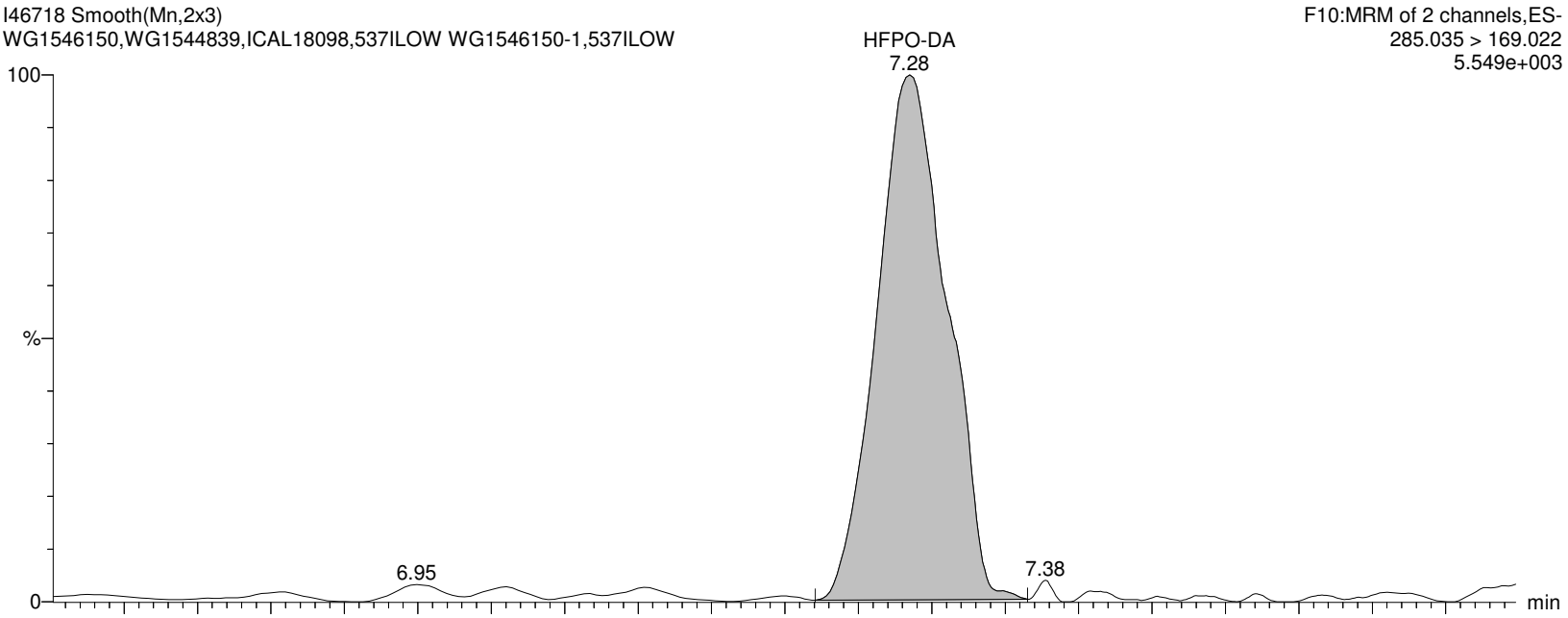


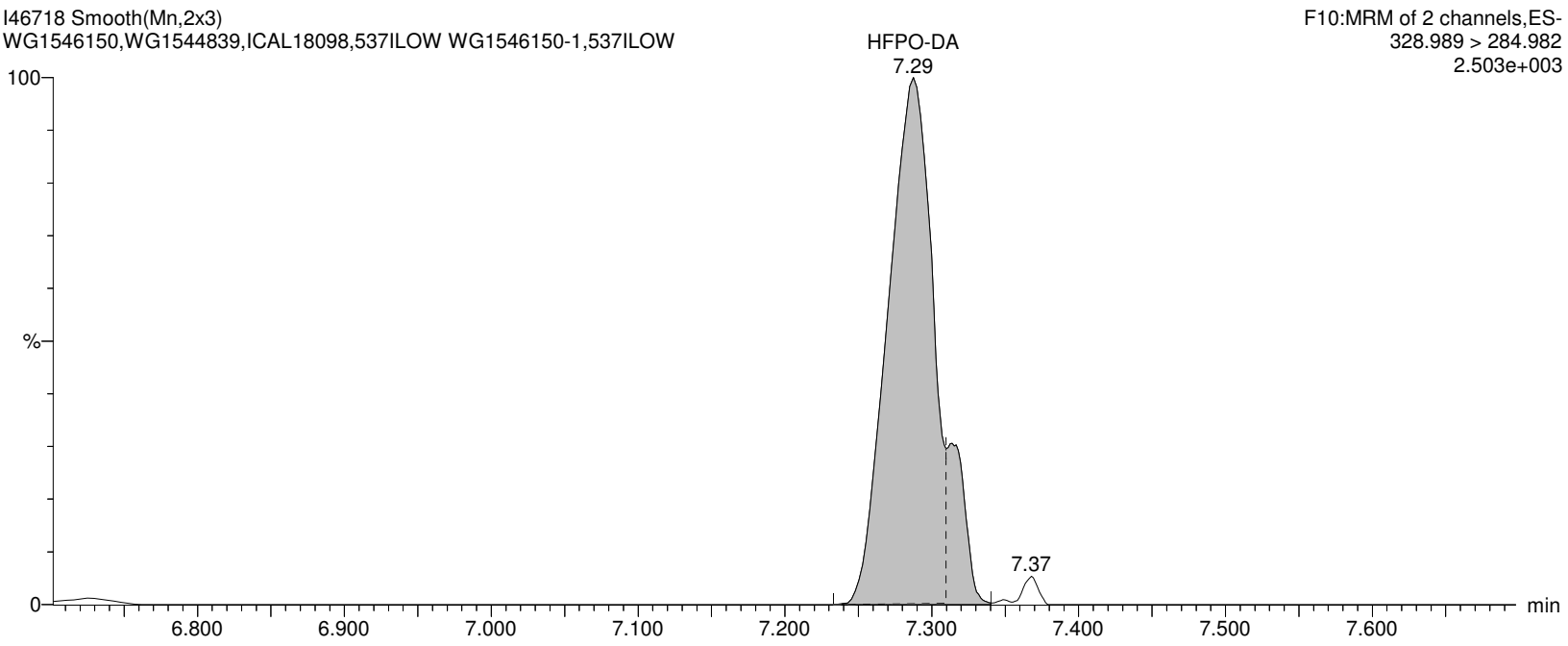
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

HFPO-DA



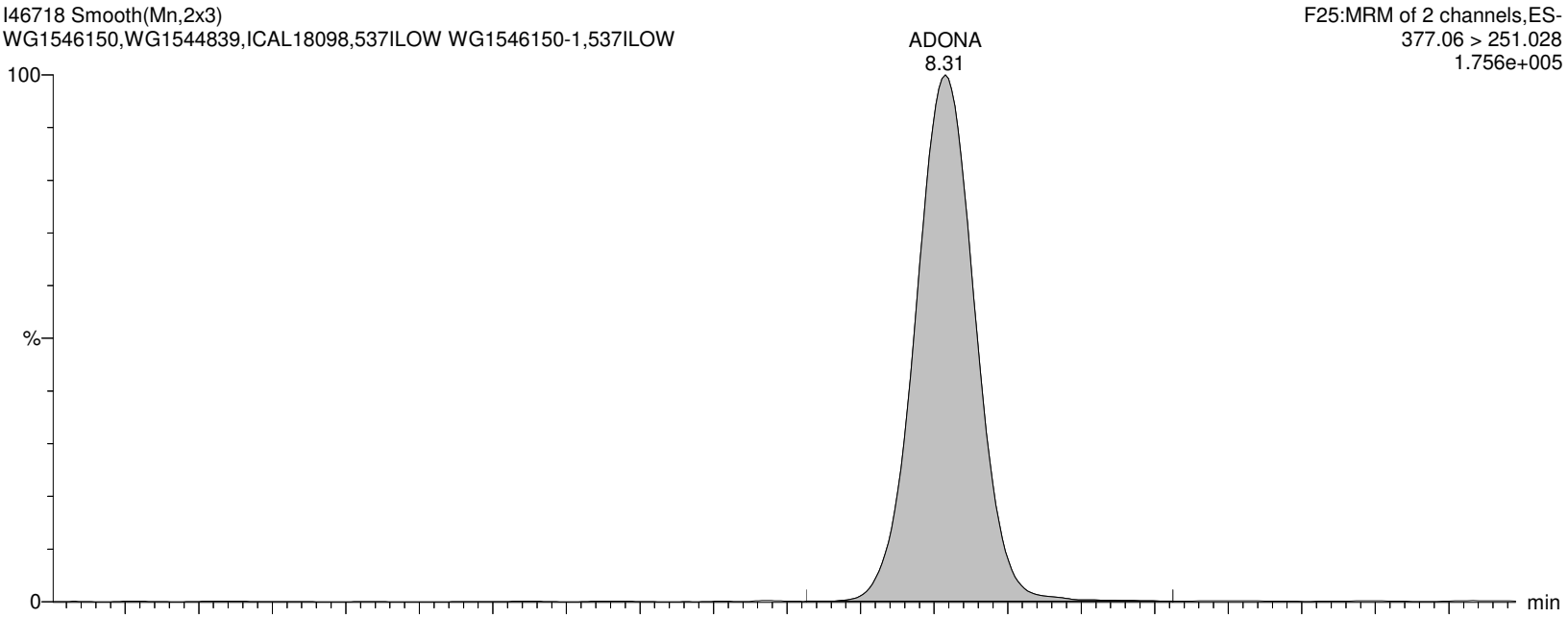


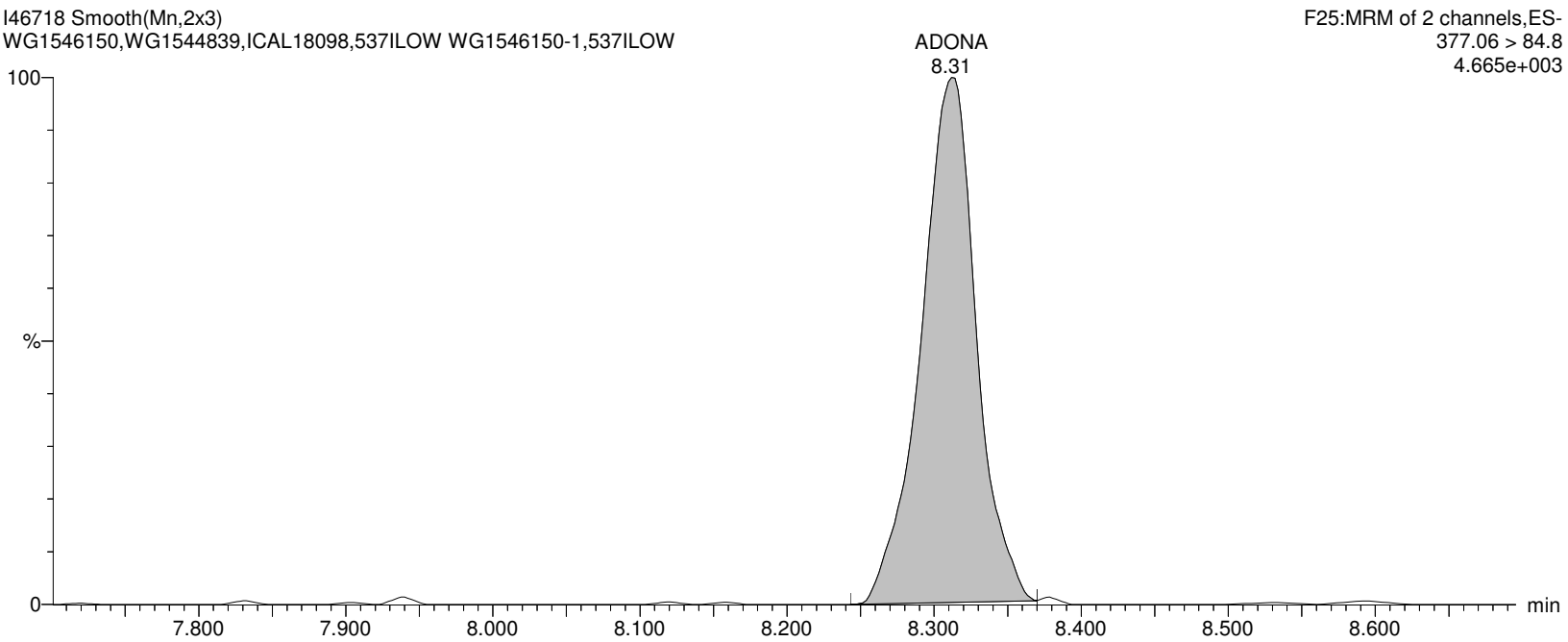
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

ADONA



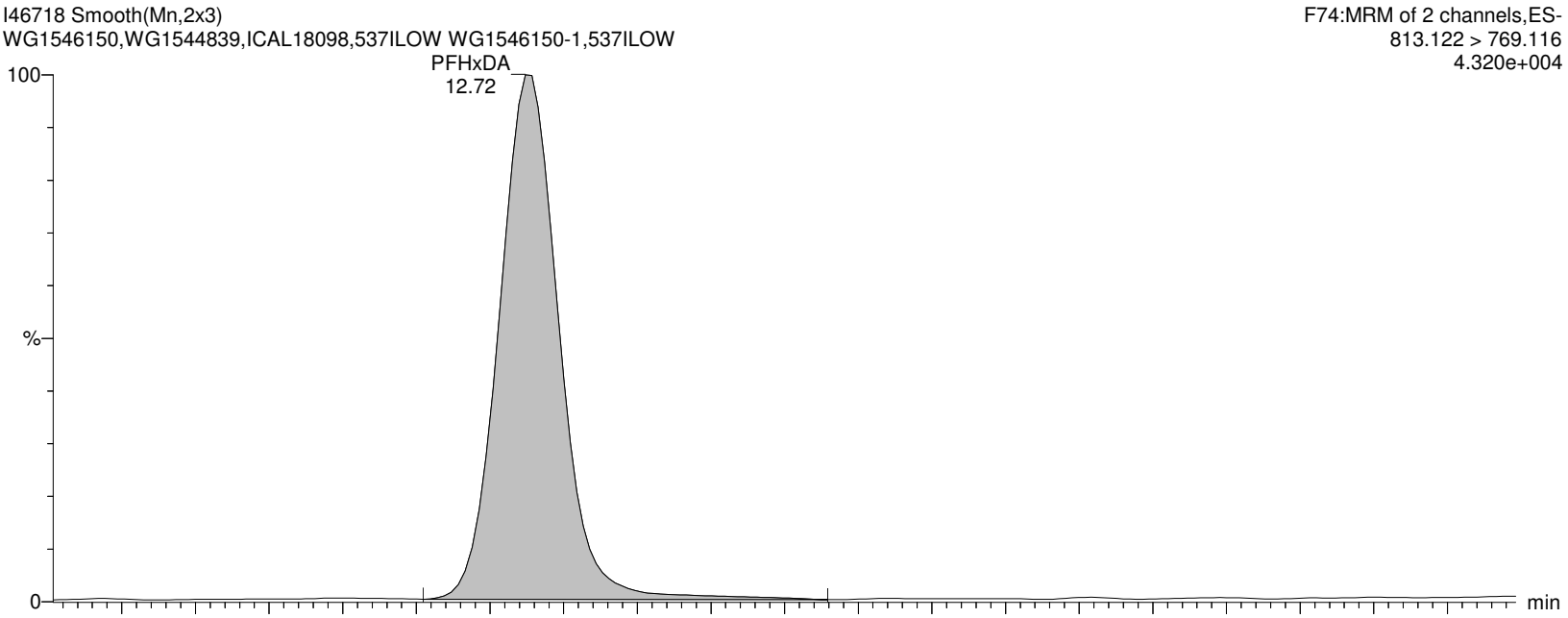


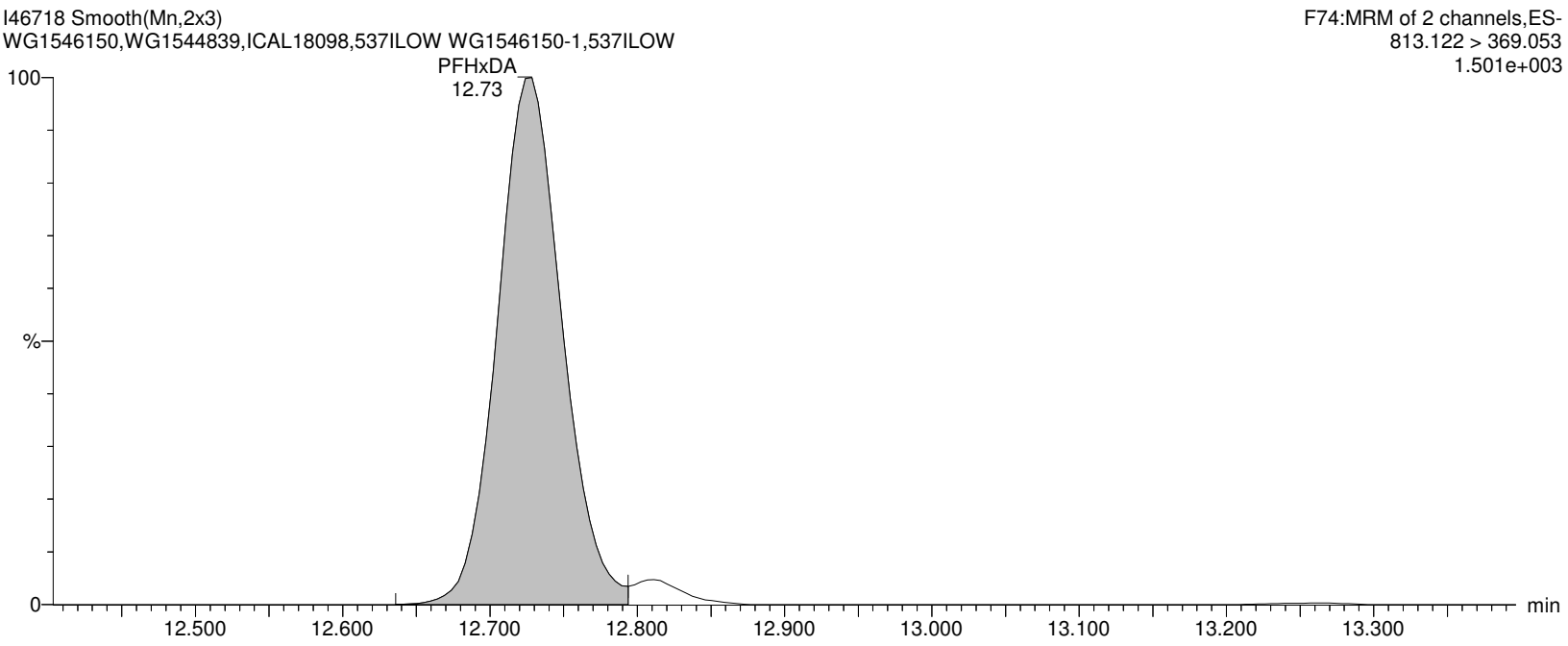
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxDA



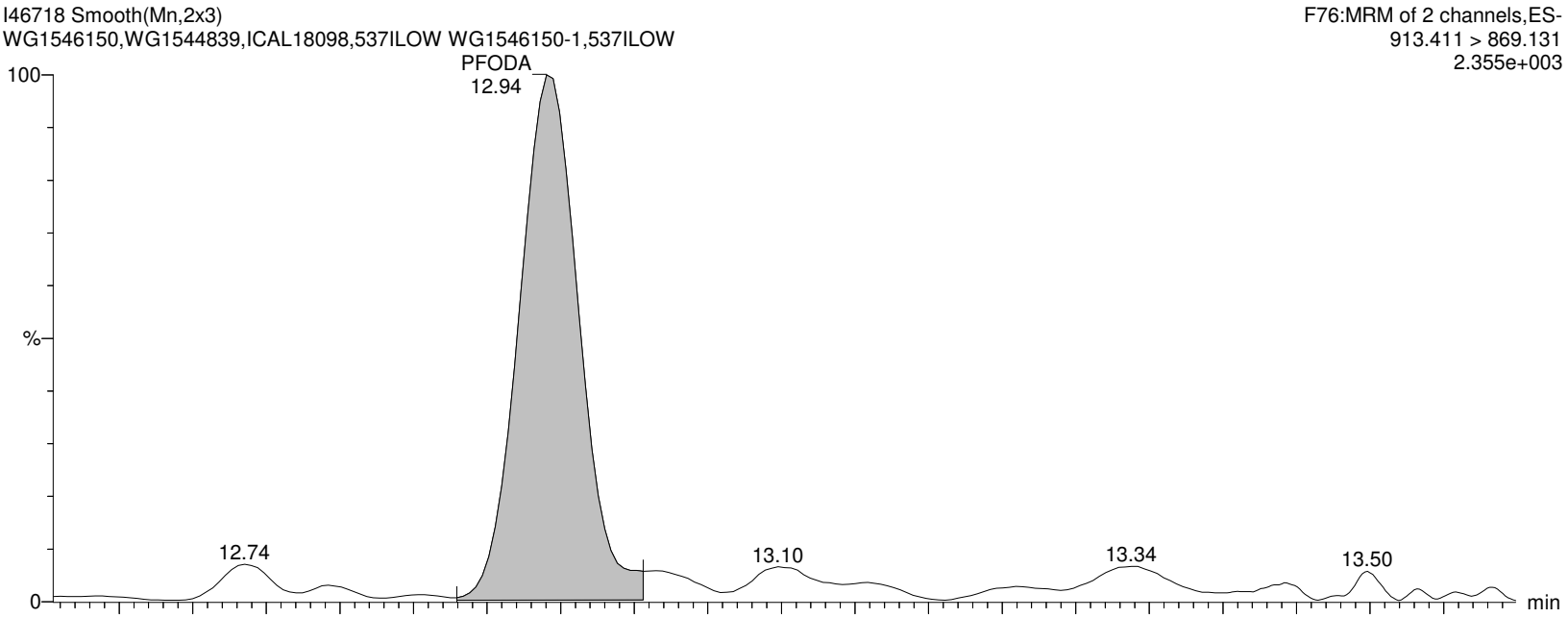


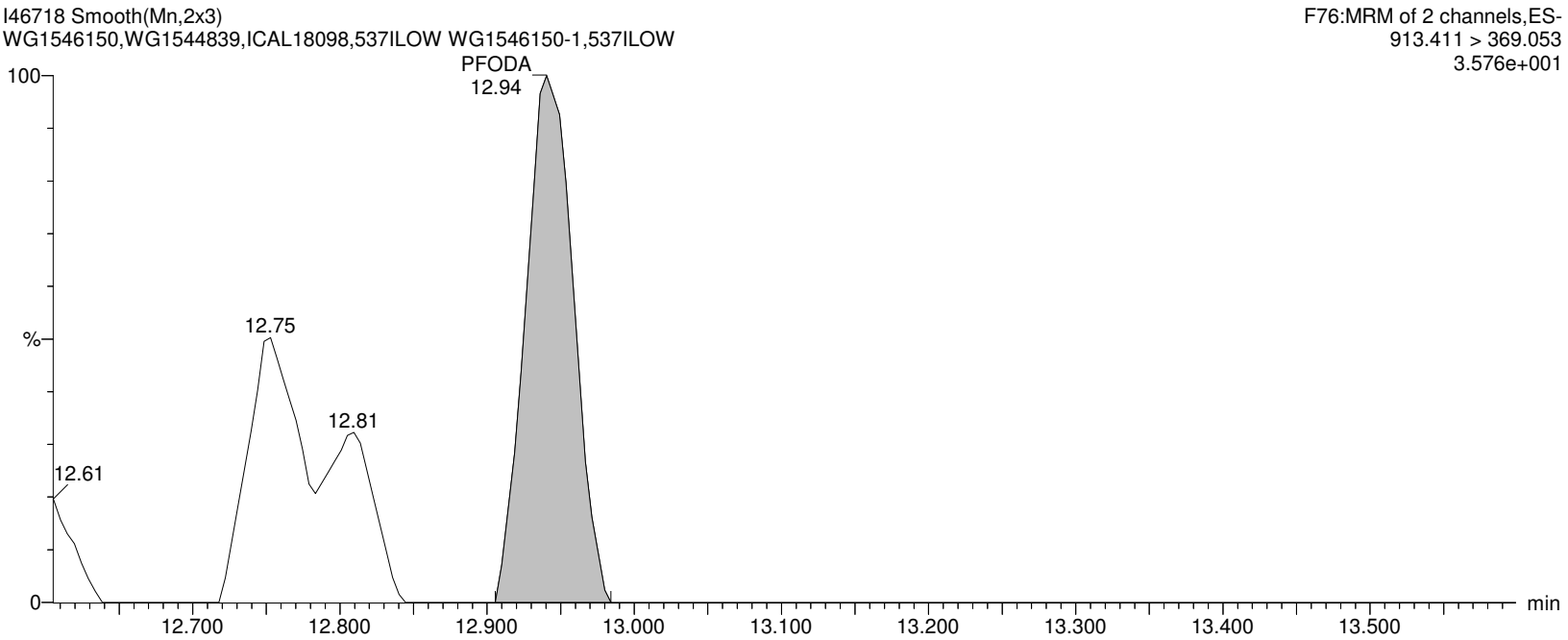
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFODA



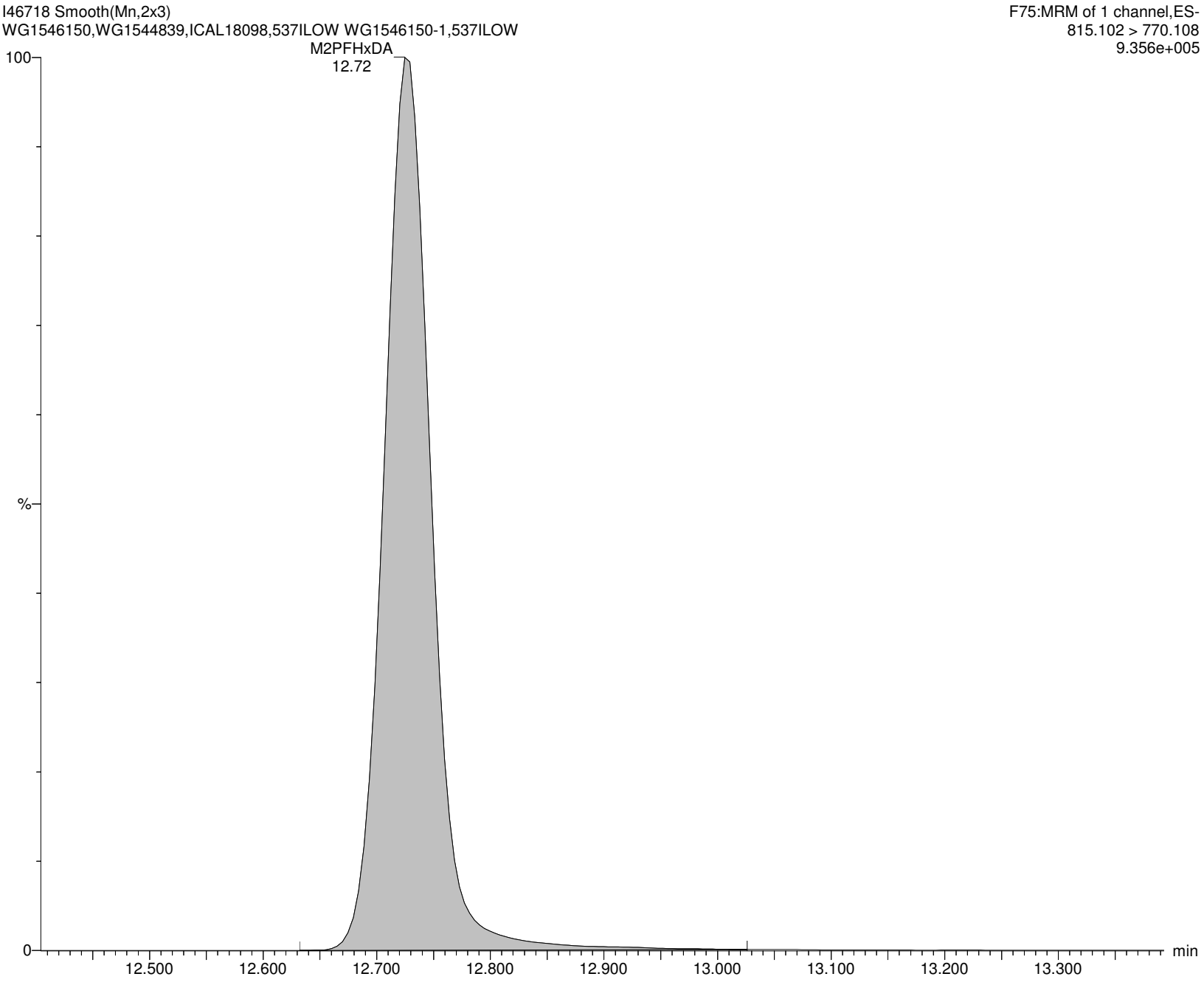


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFHxDA

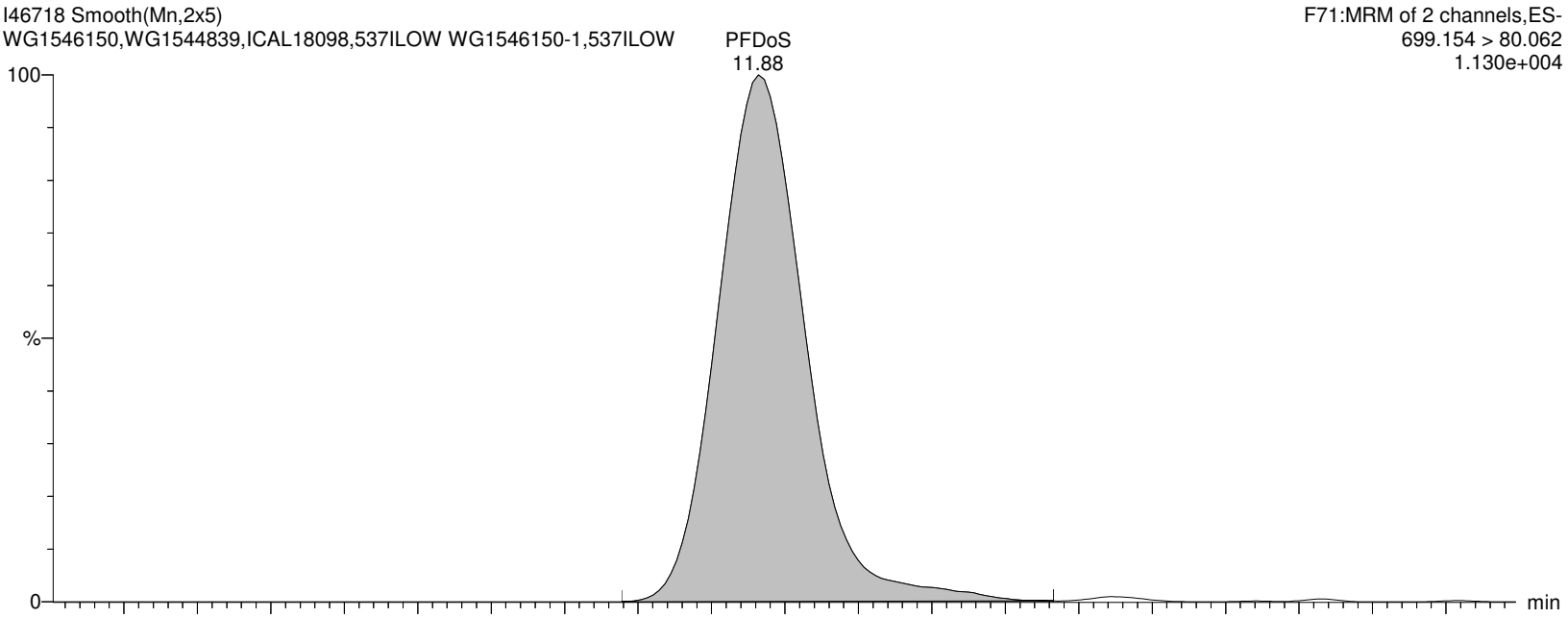


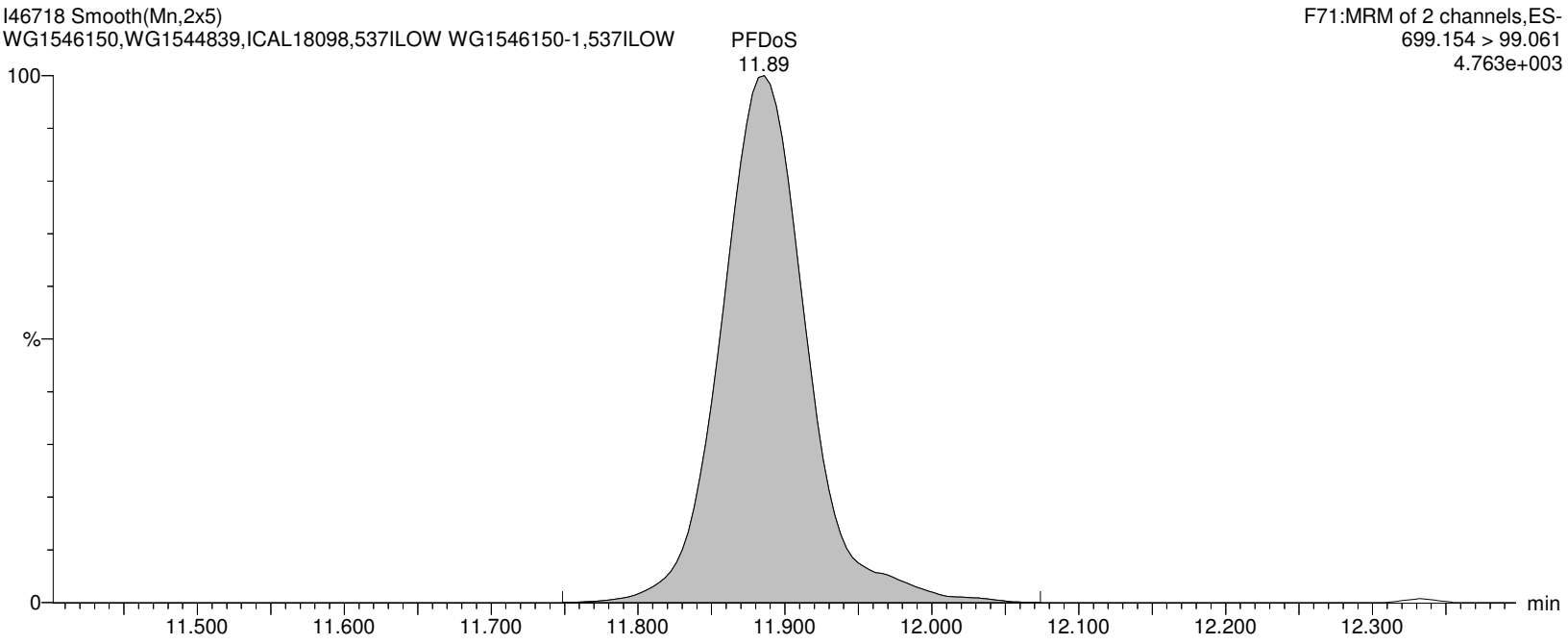
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoS



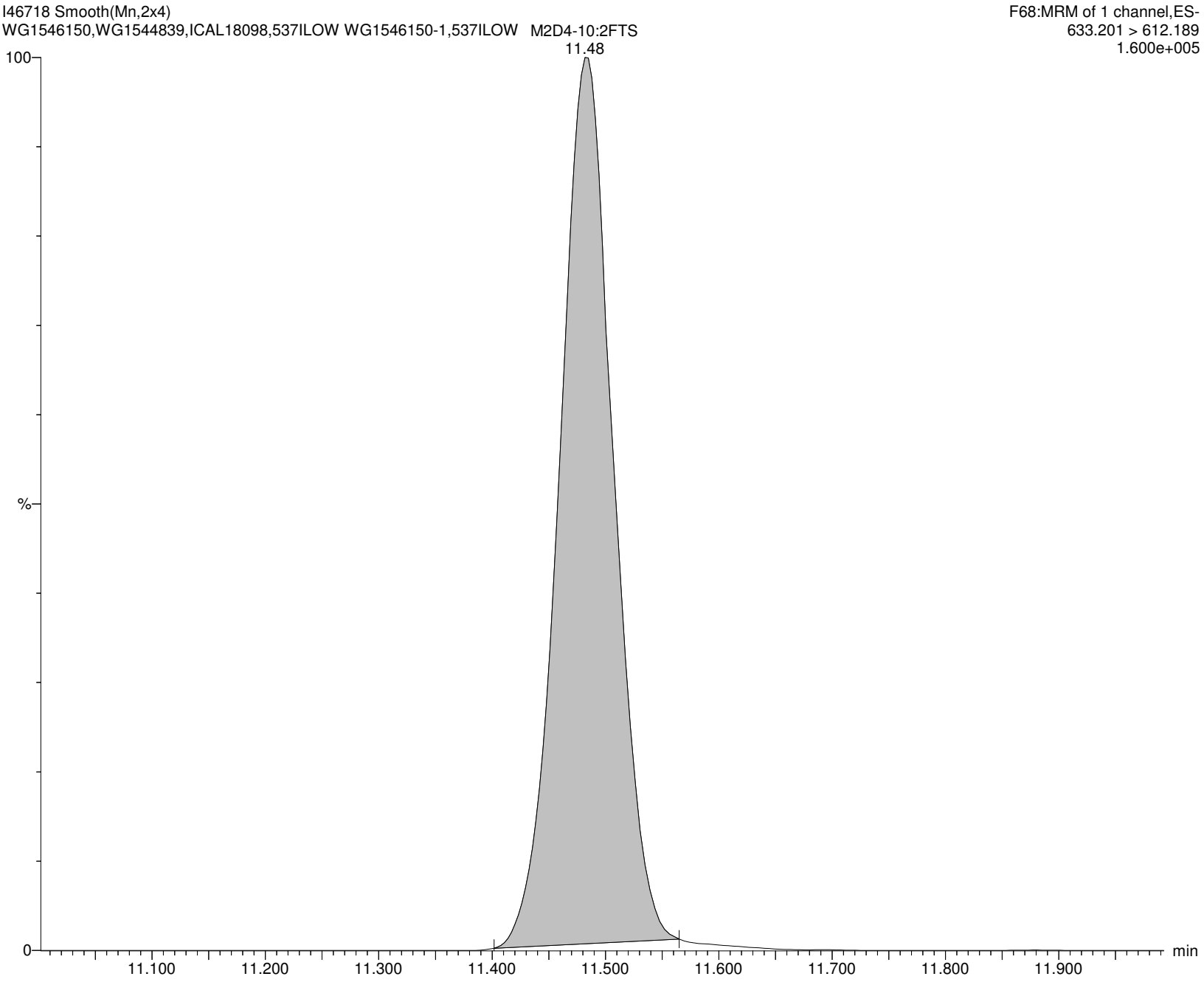


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2D4-10:2FTS

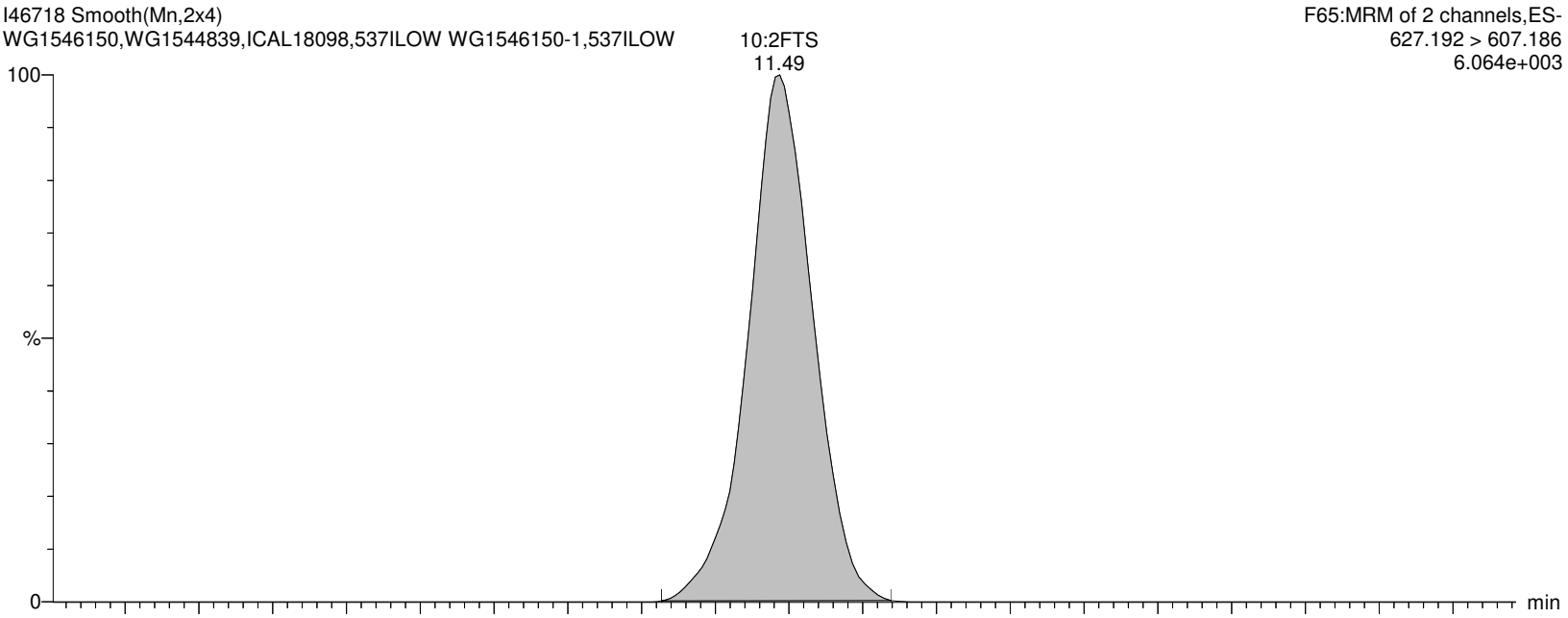


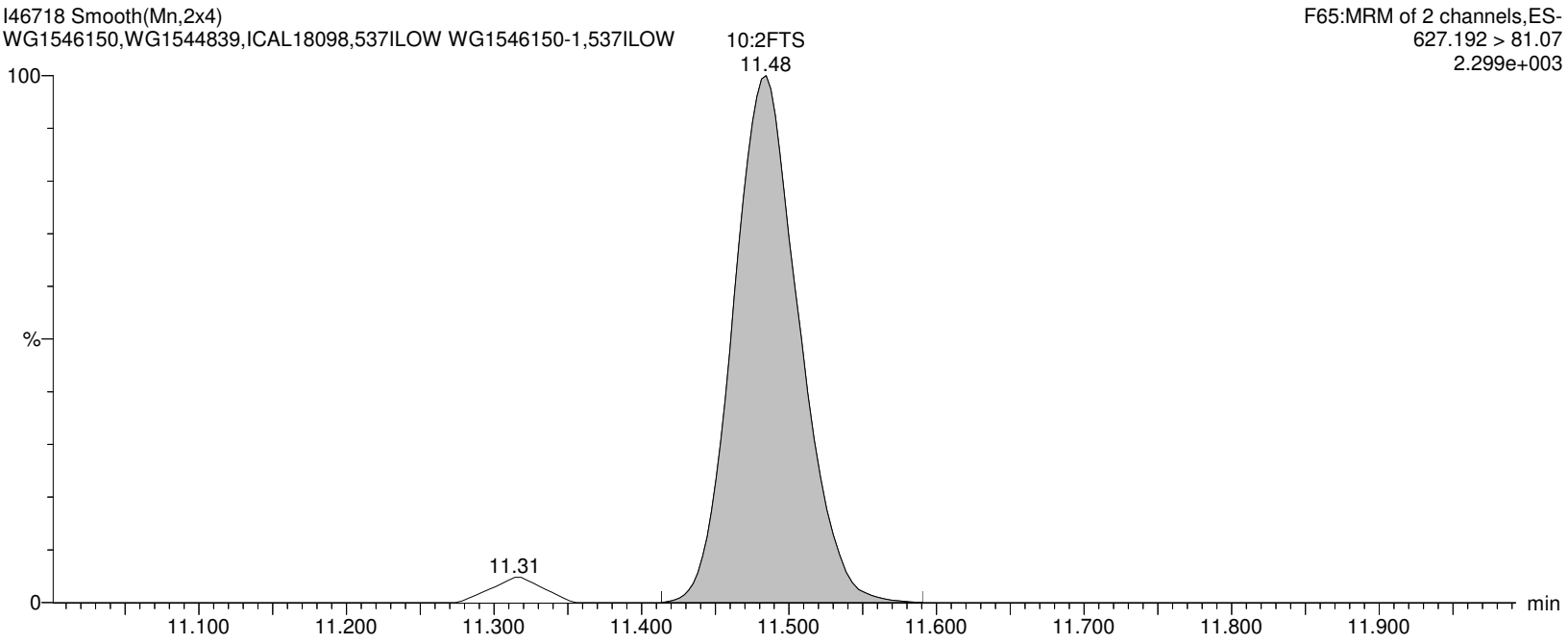
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

10:2FTS



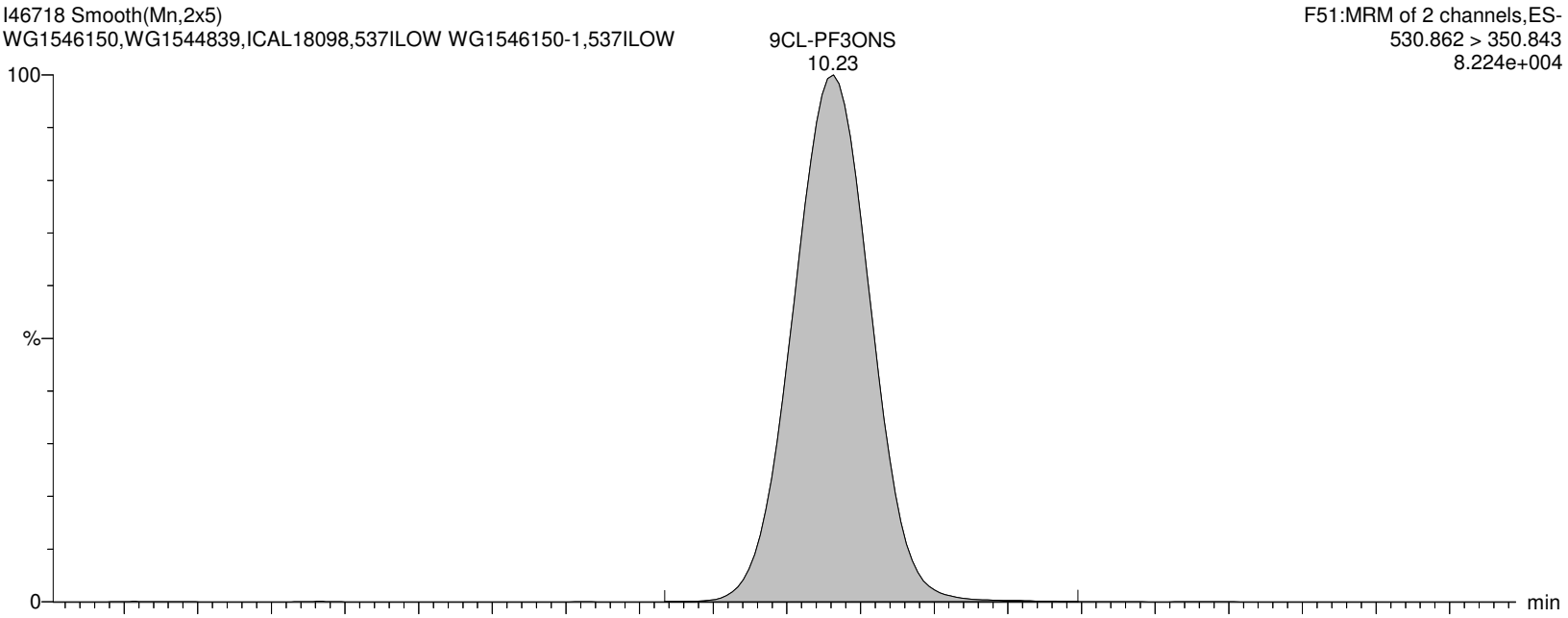


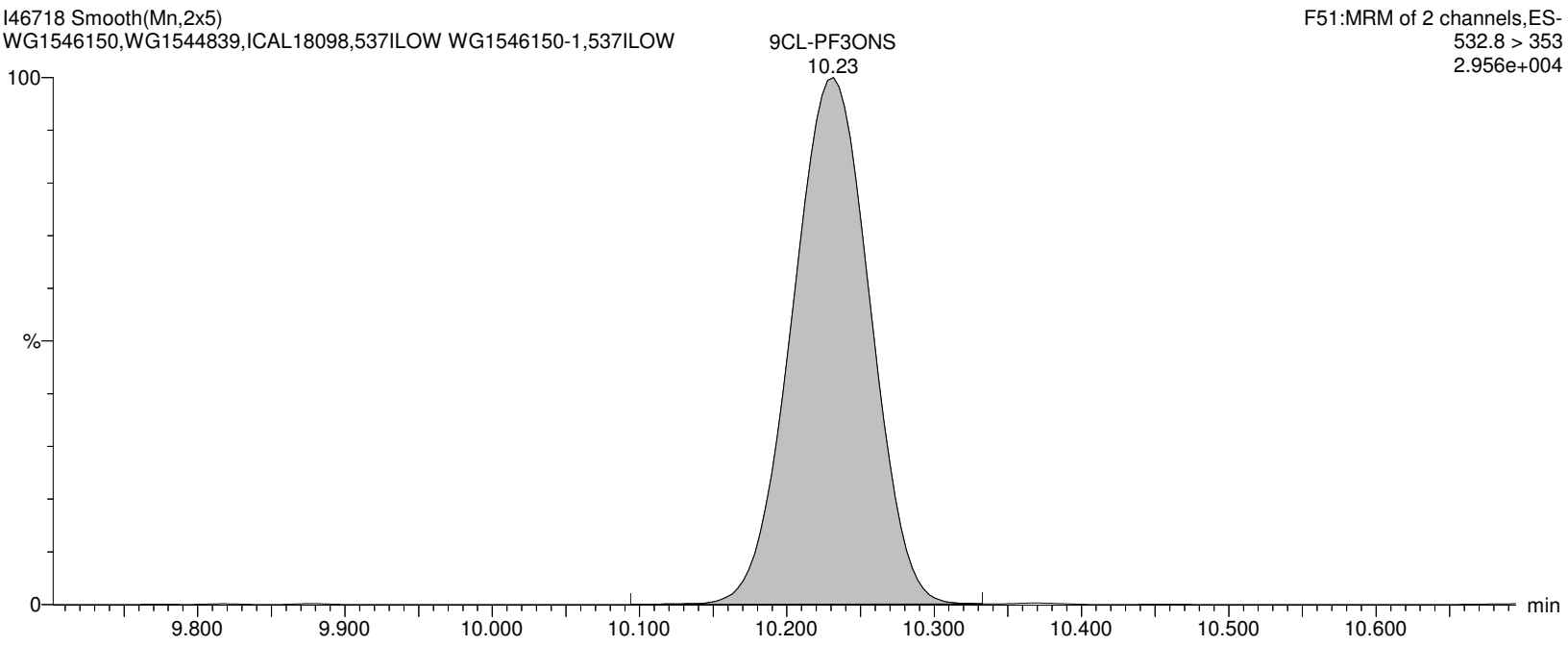
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

9CL-PF3ONS



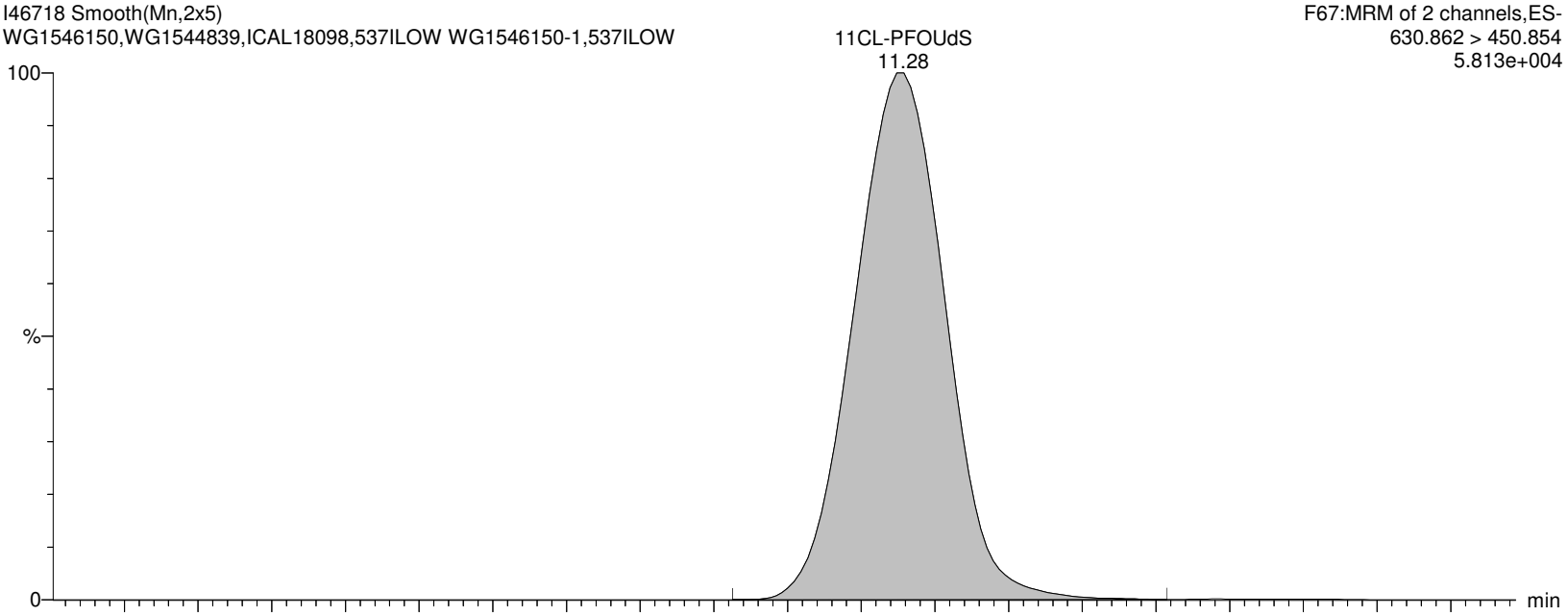


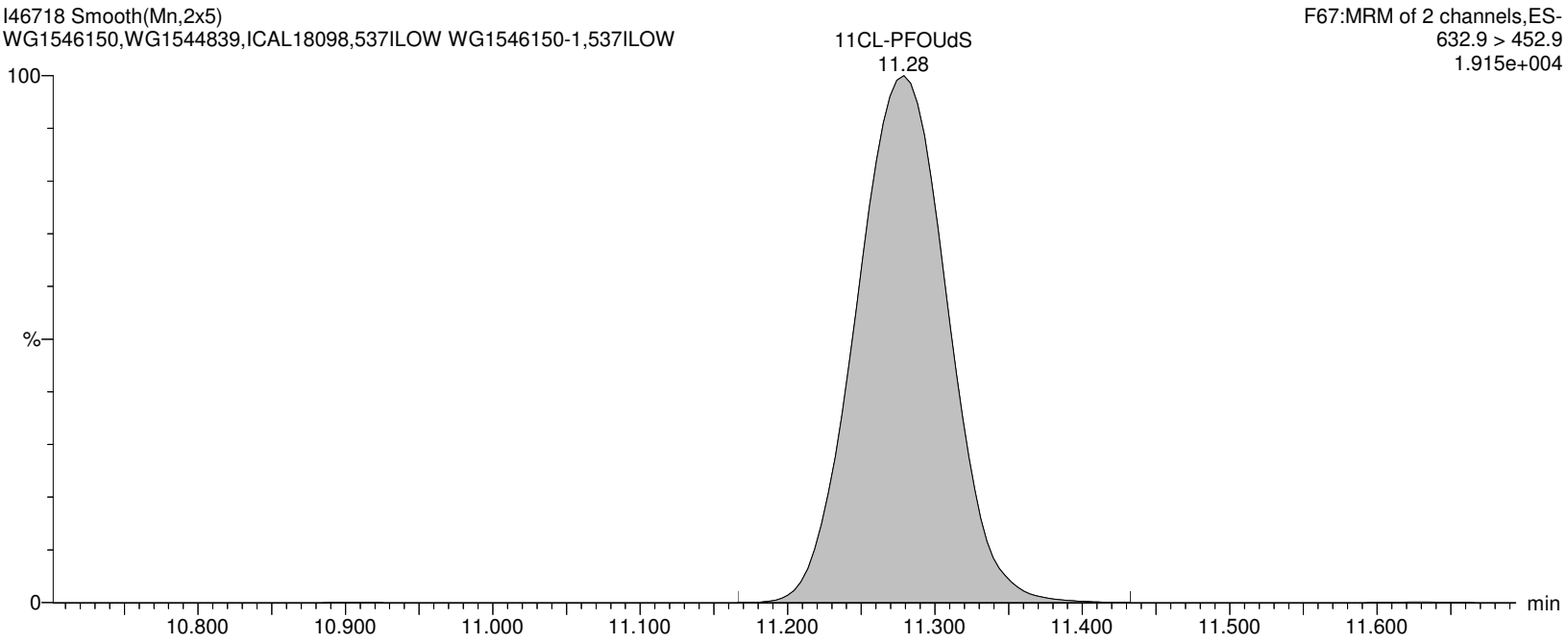
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

11CL-PFOUdS



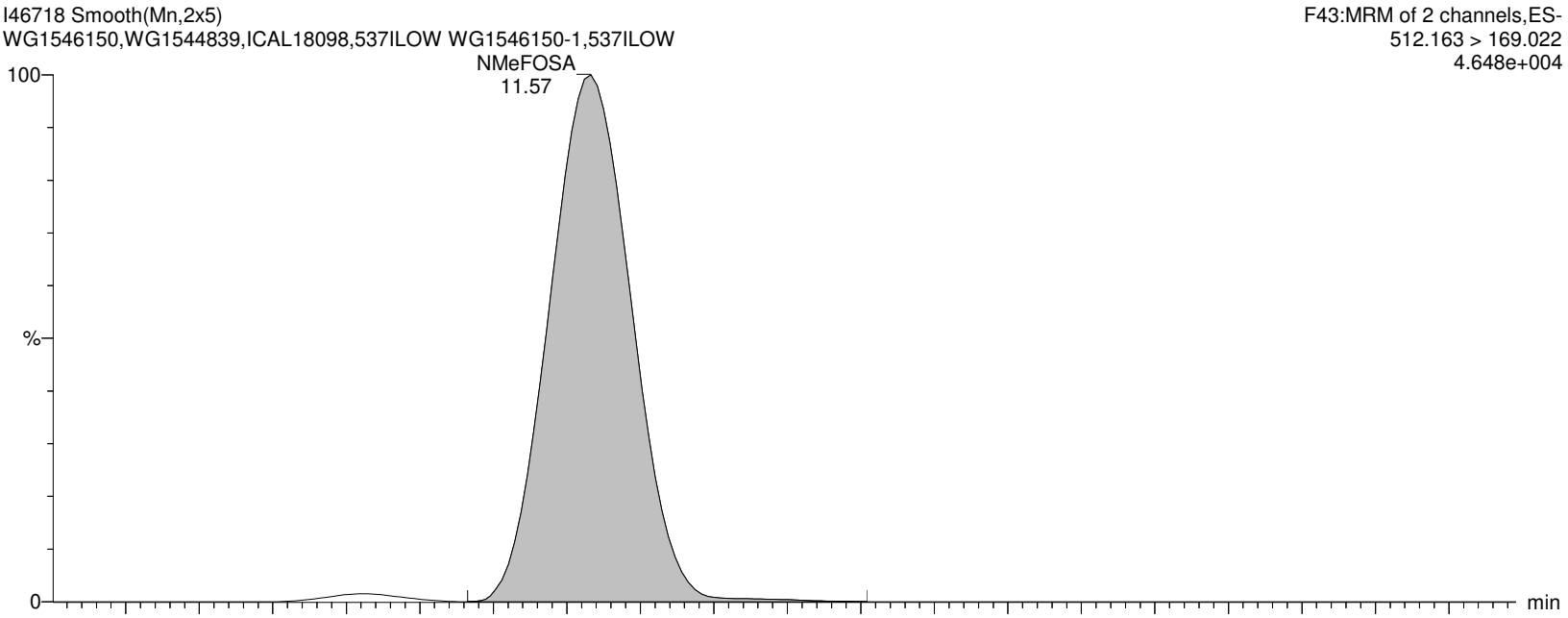


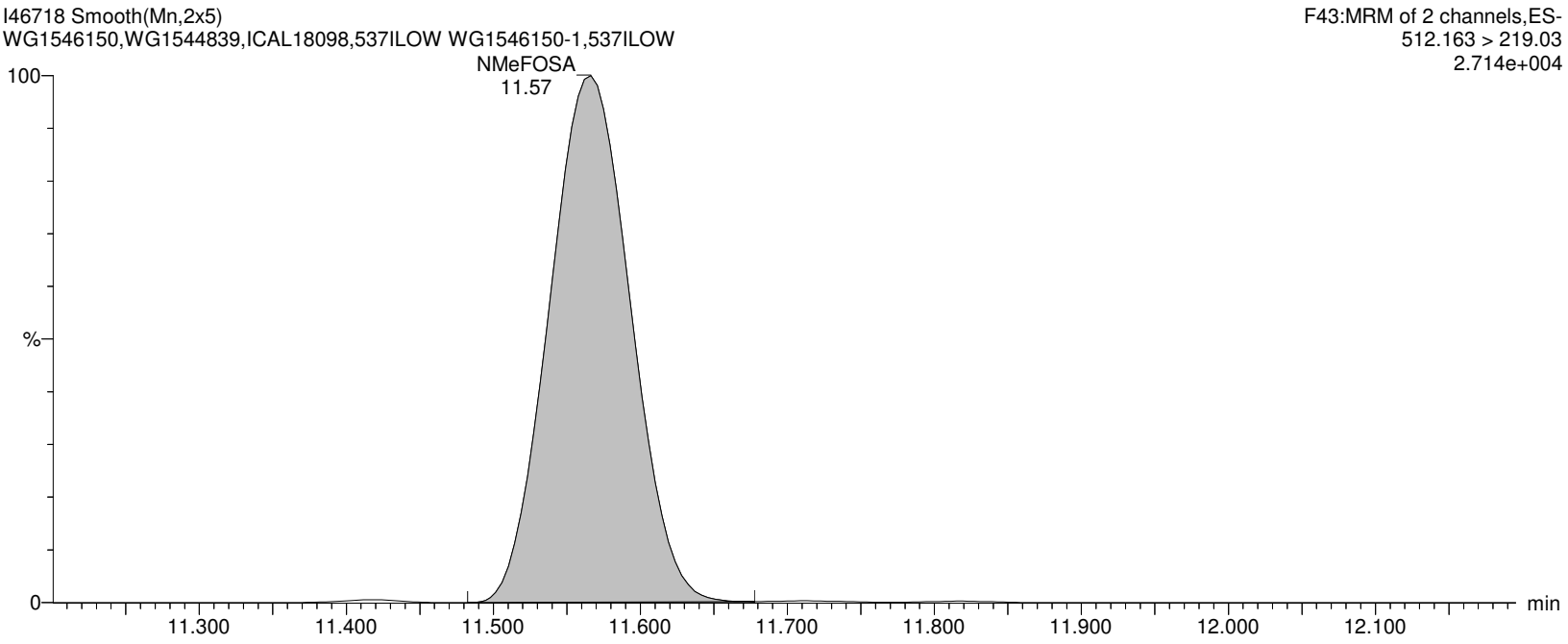
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSA



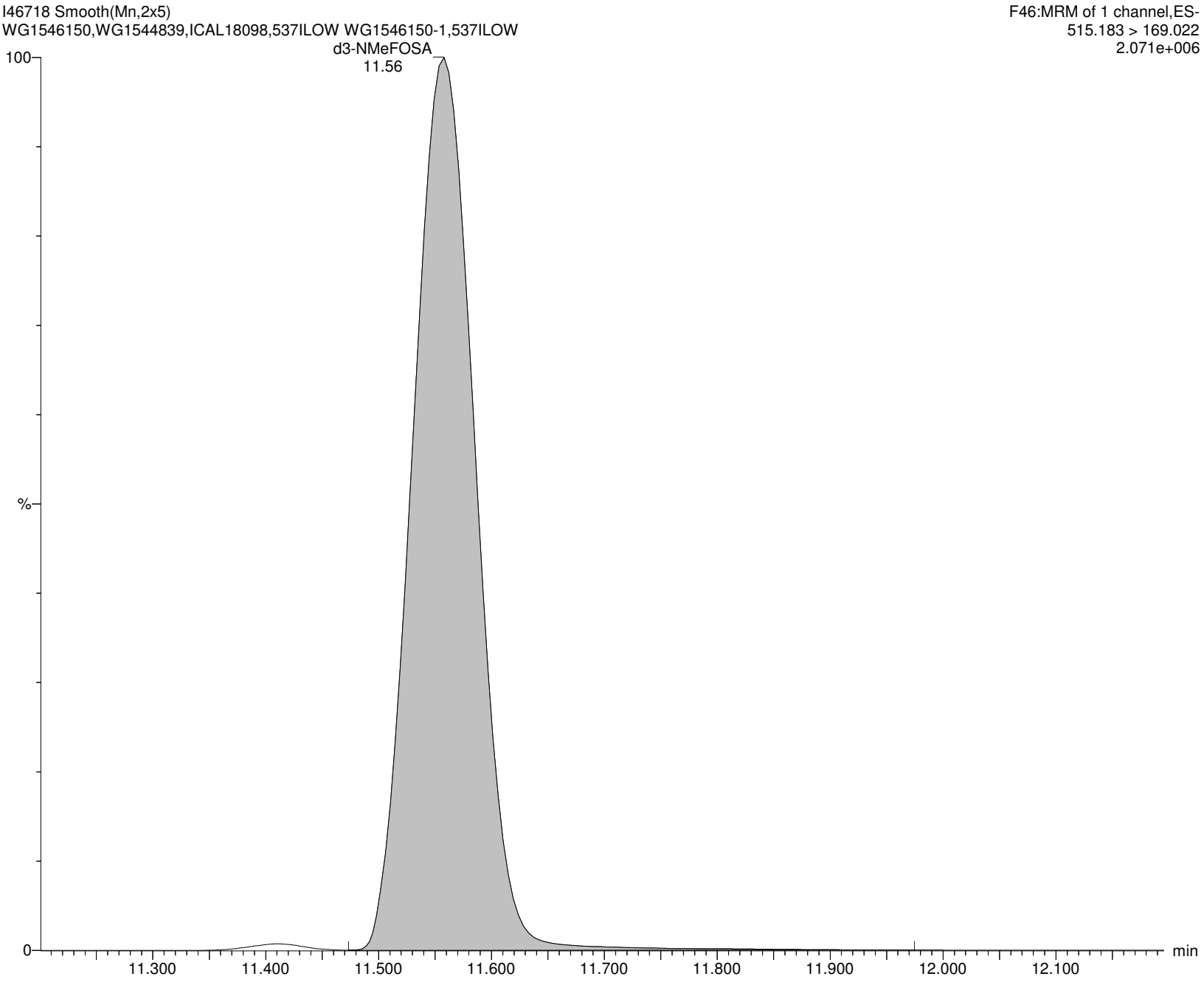


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSA

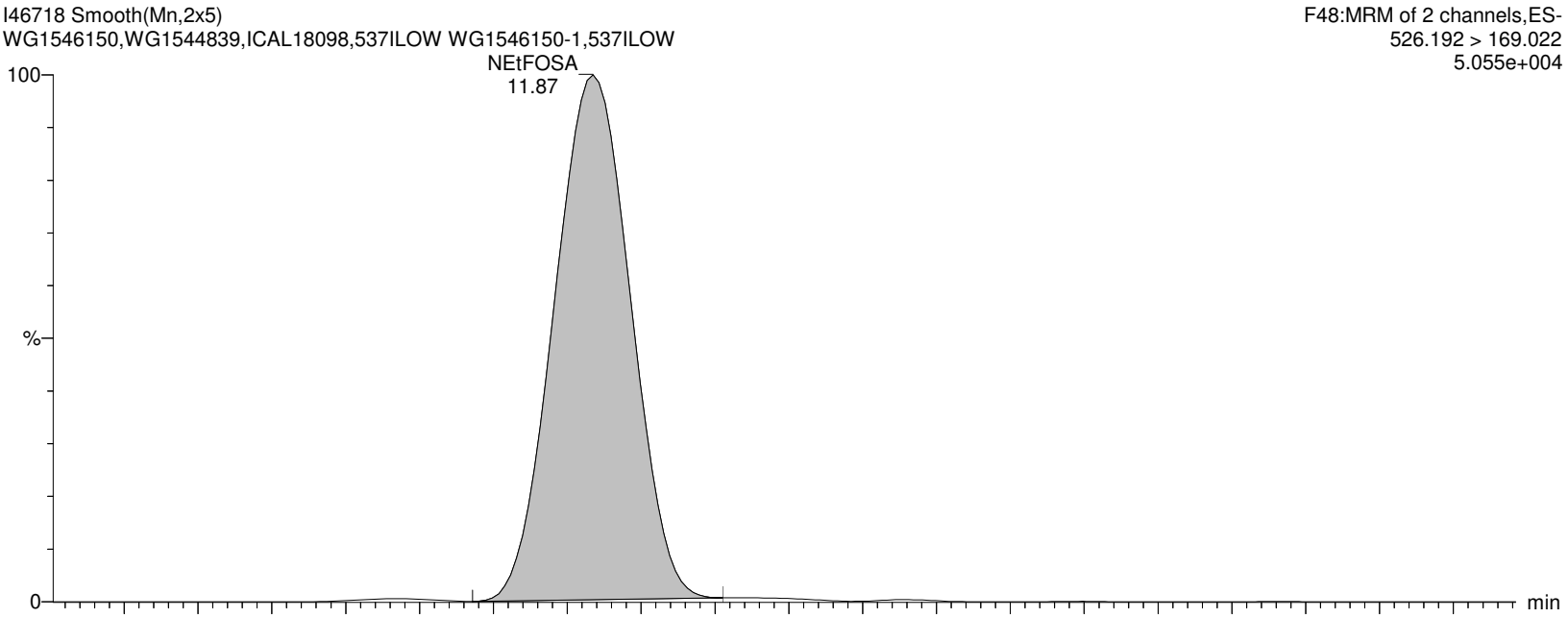


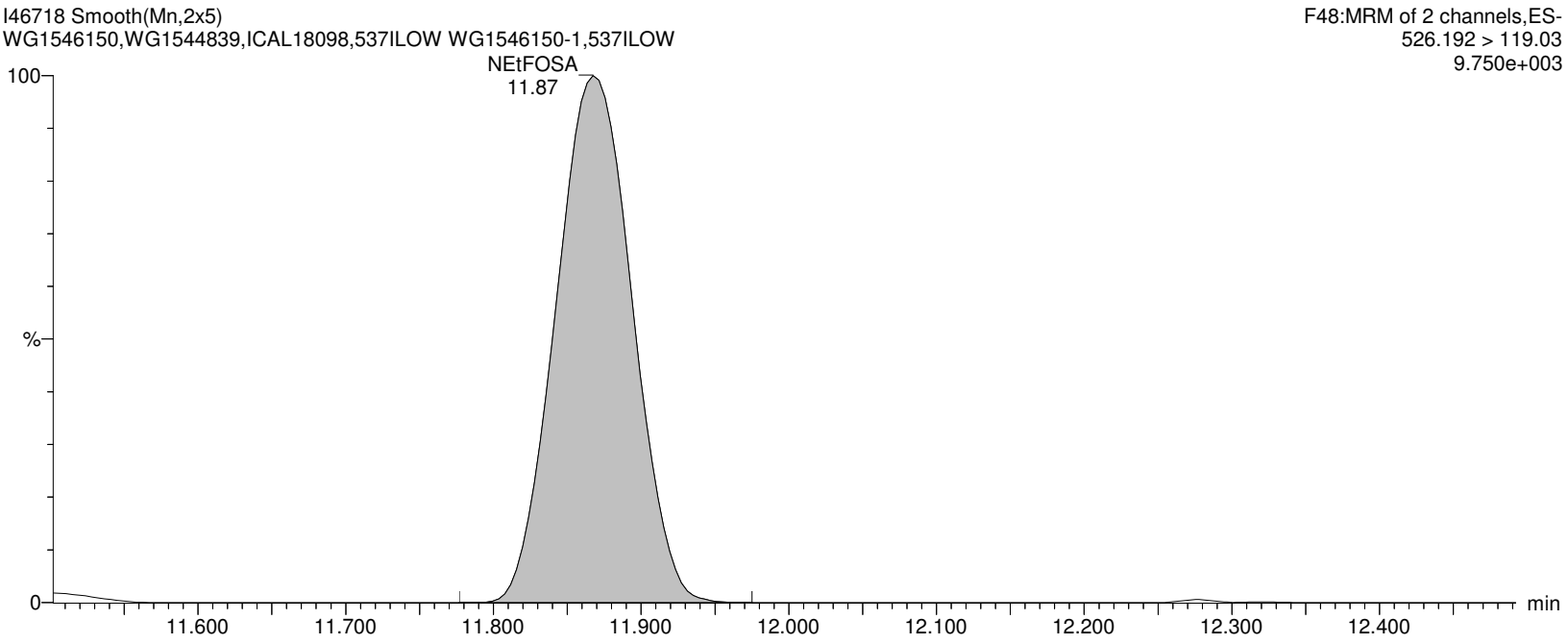
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSA



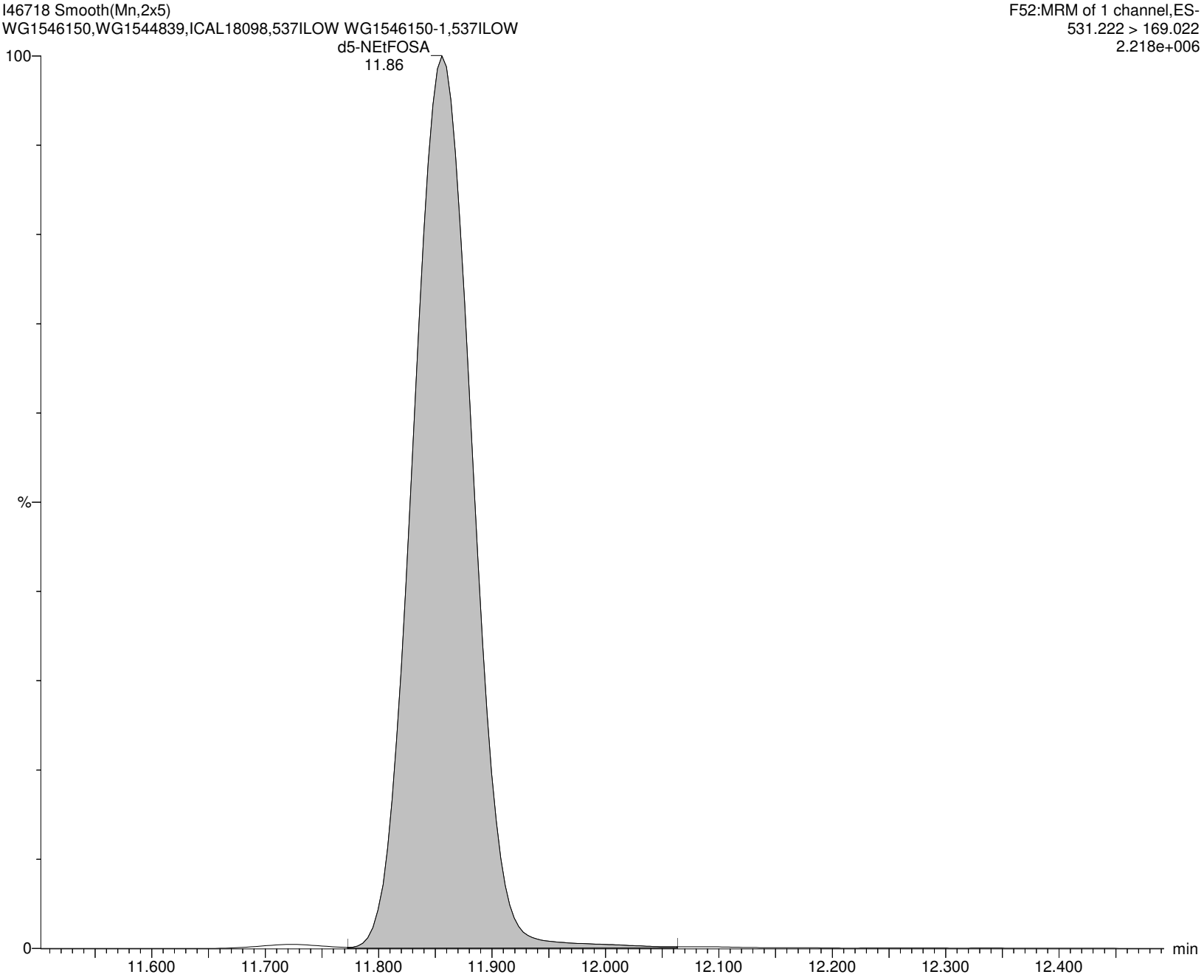


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSA

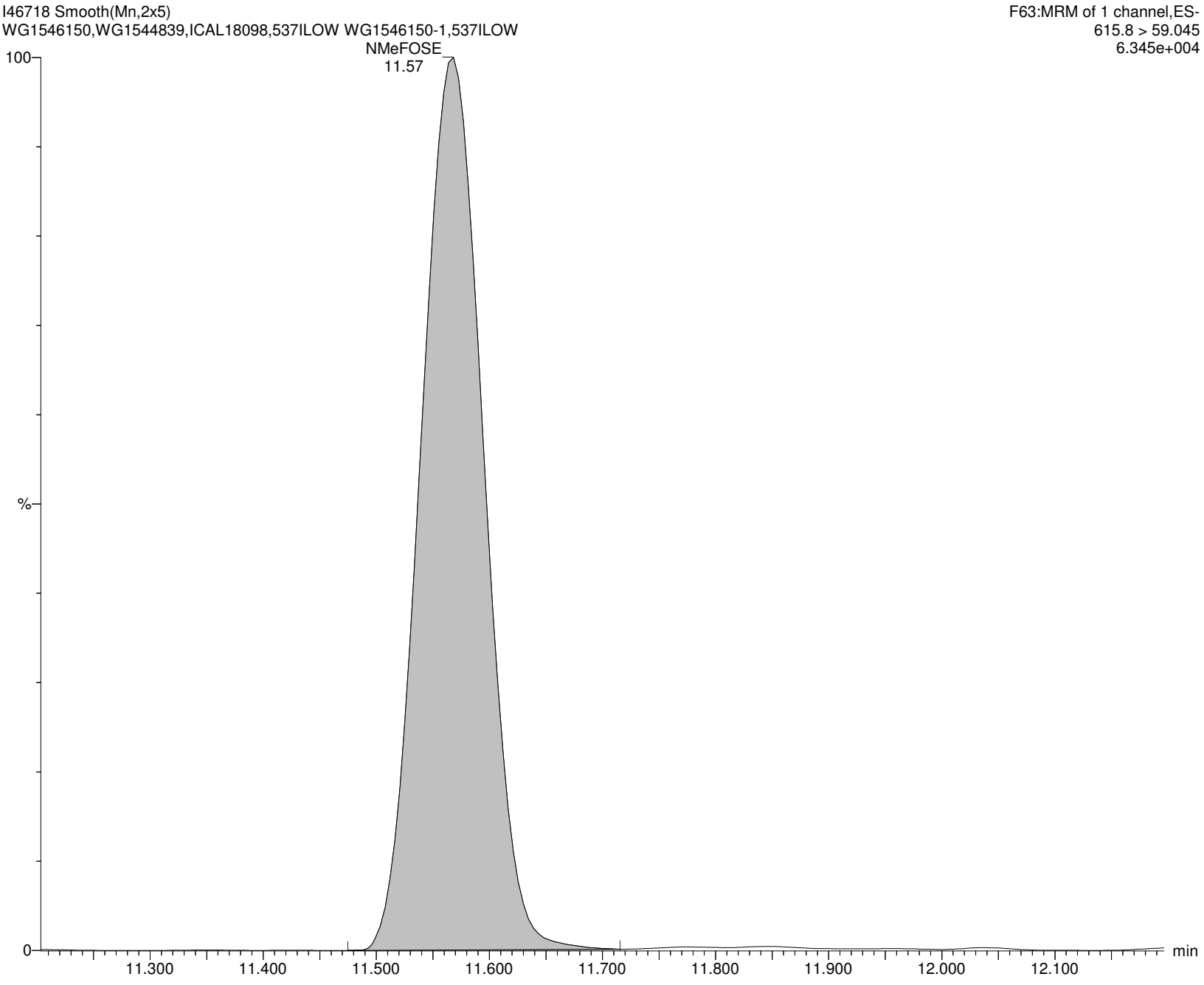


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSE

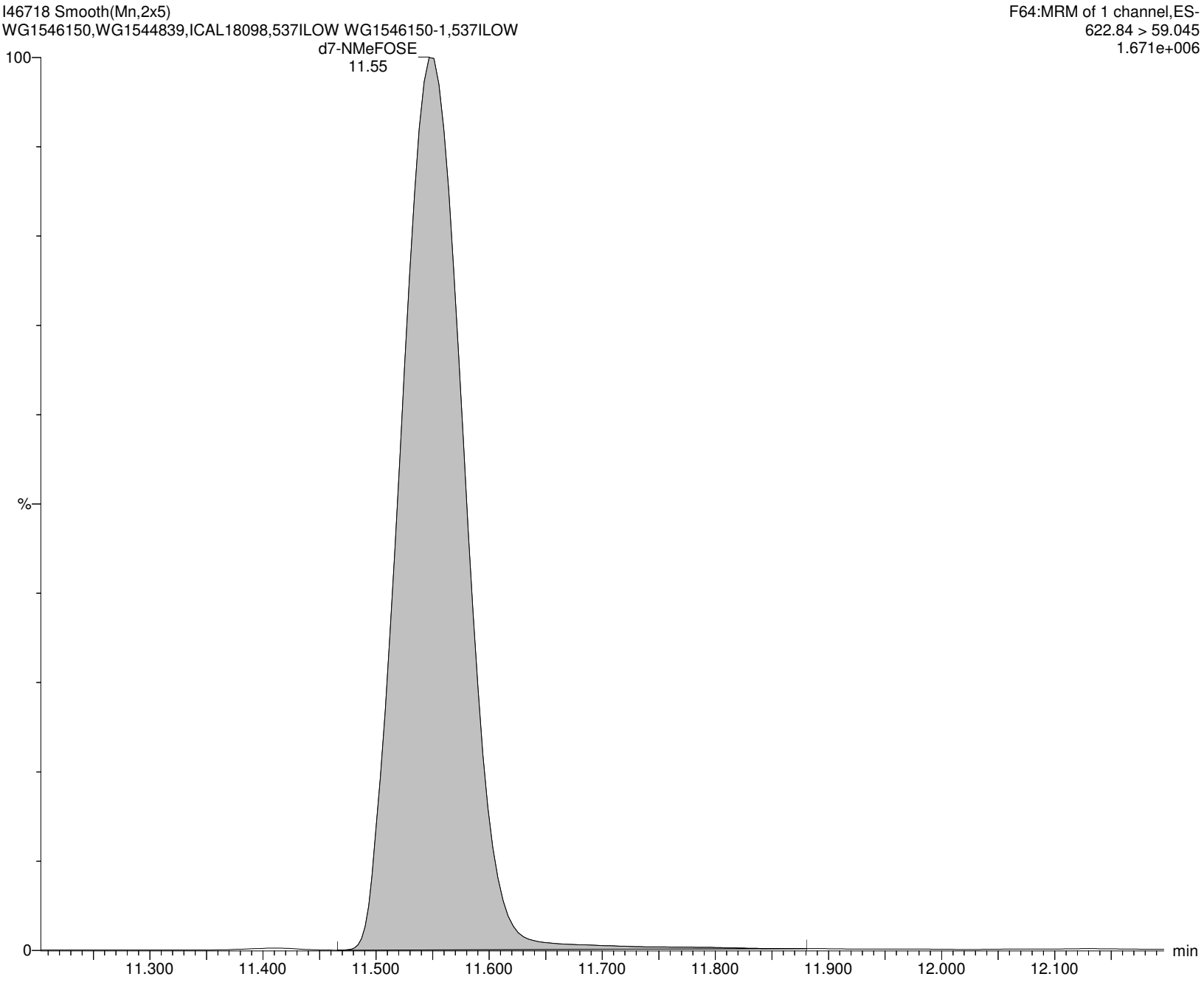


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d7-NMeFOSE

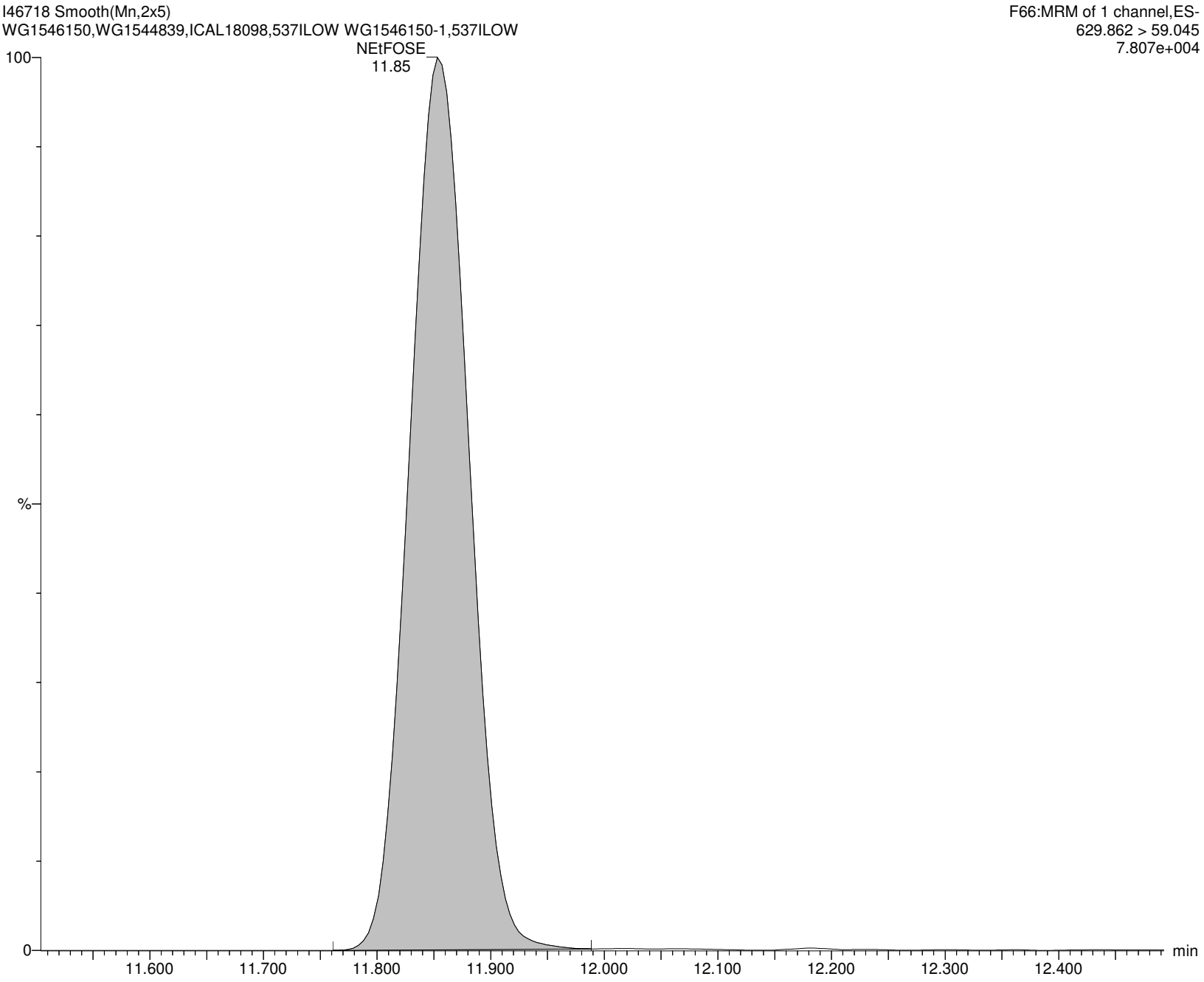


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSE

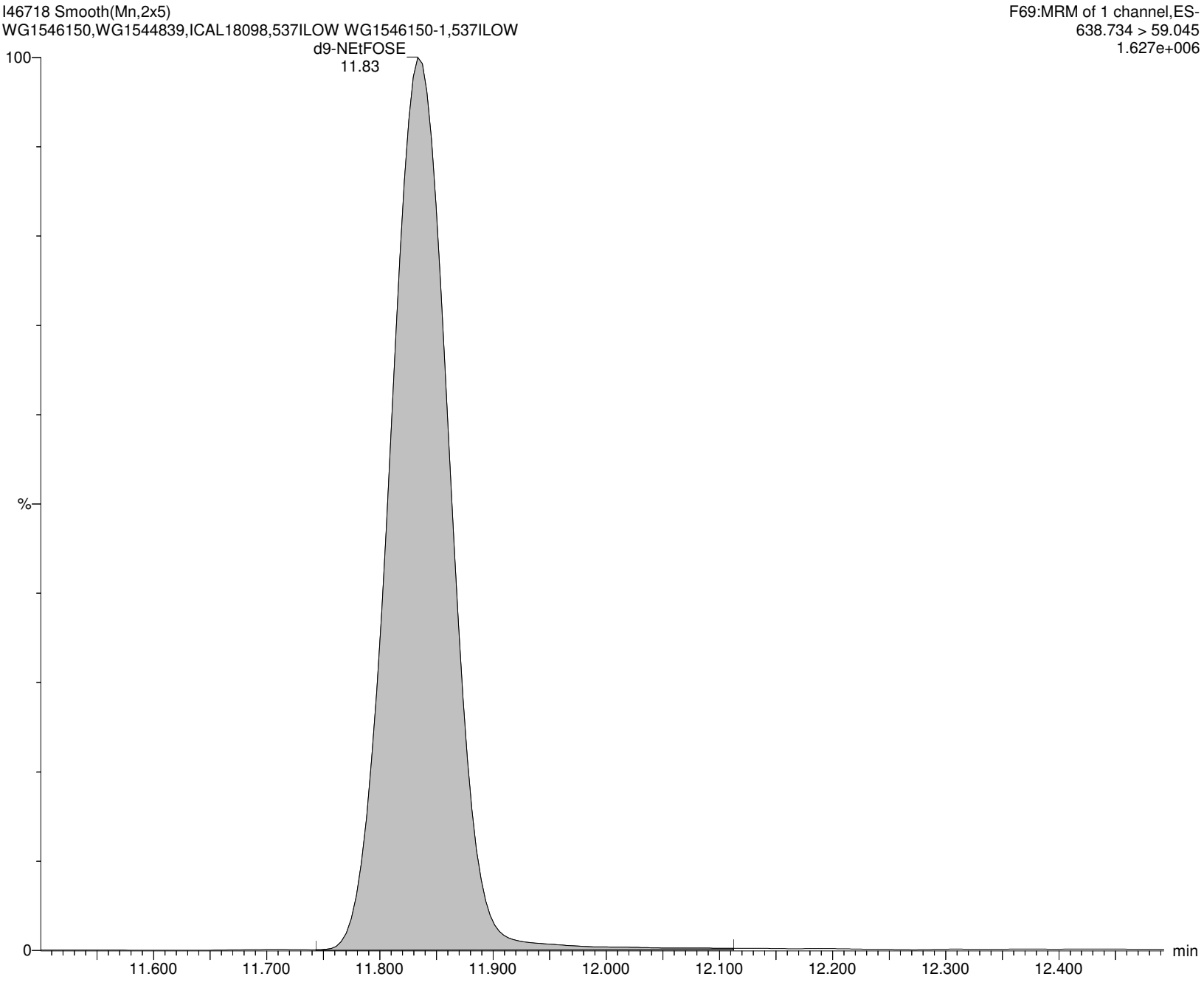


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d9-NEtFOSE

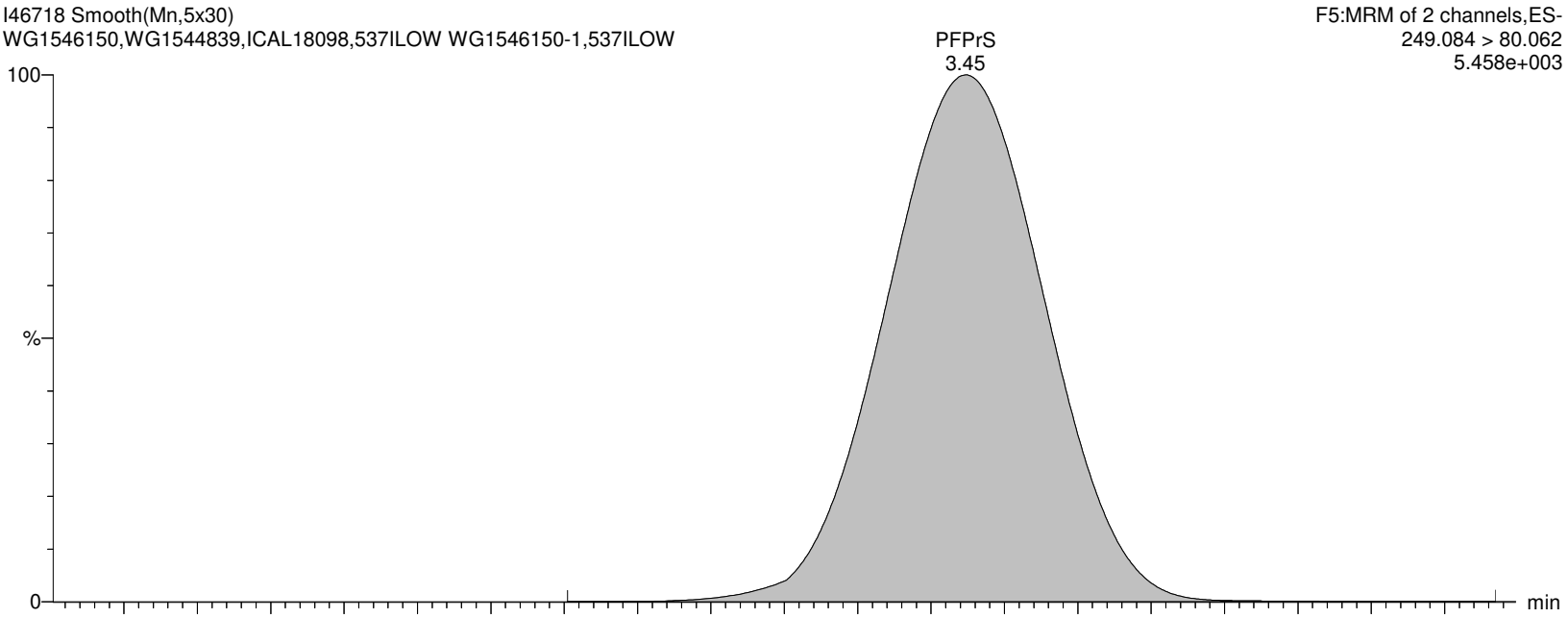


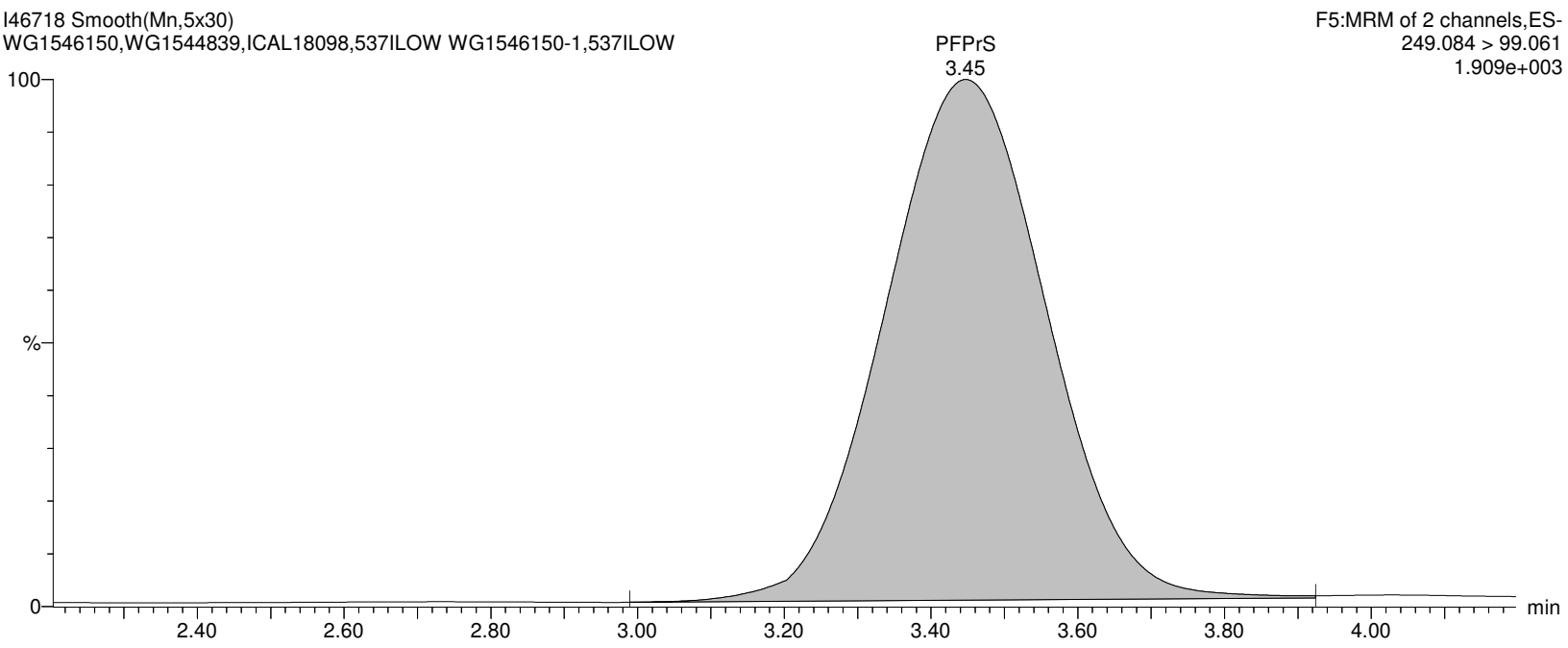
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPrS



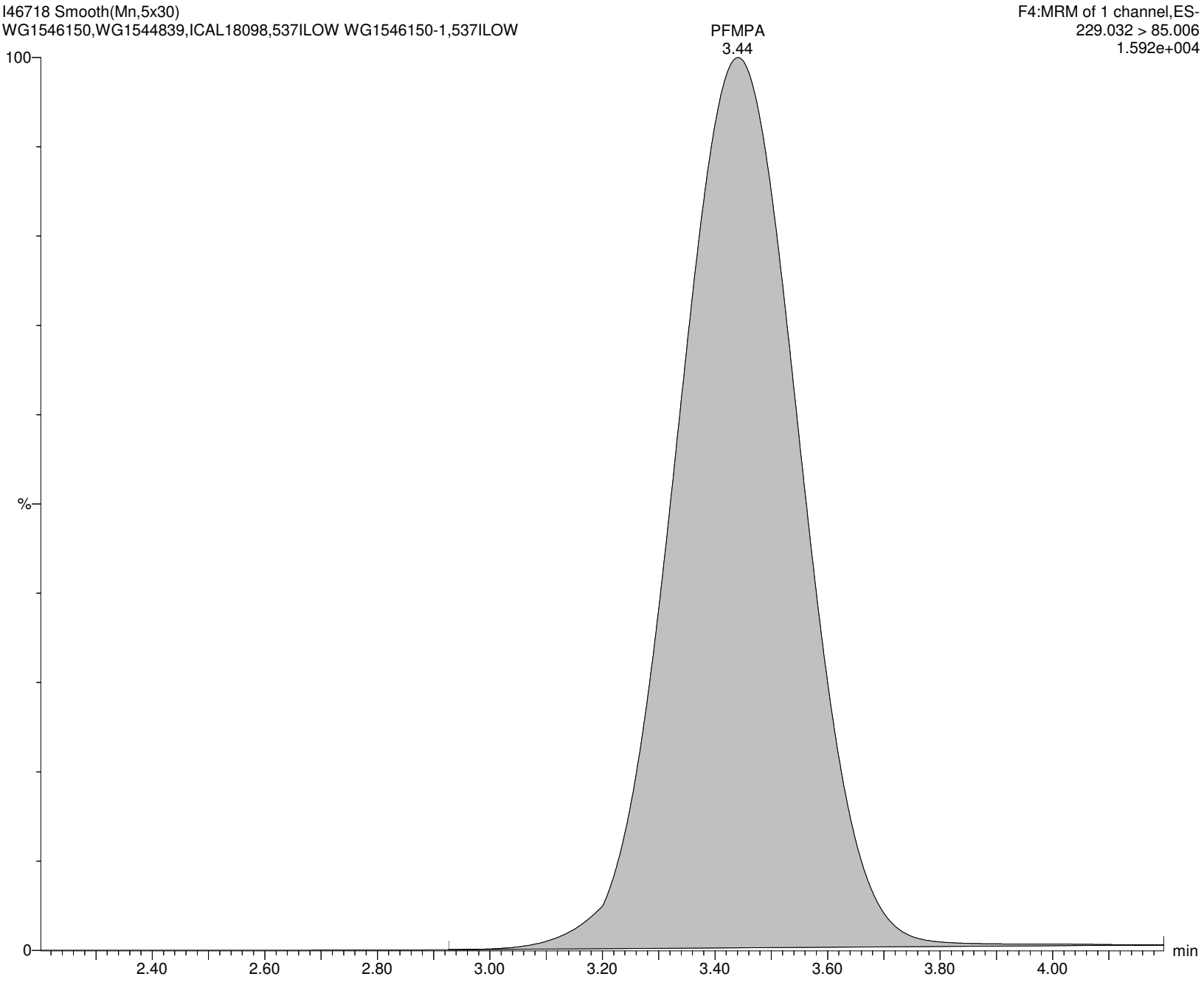


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFMPA

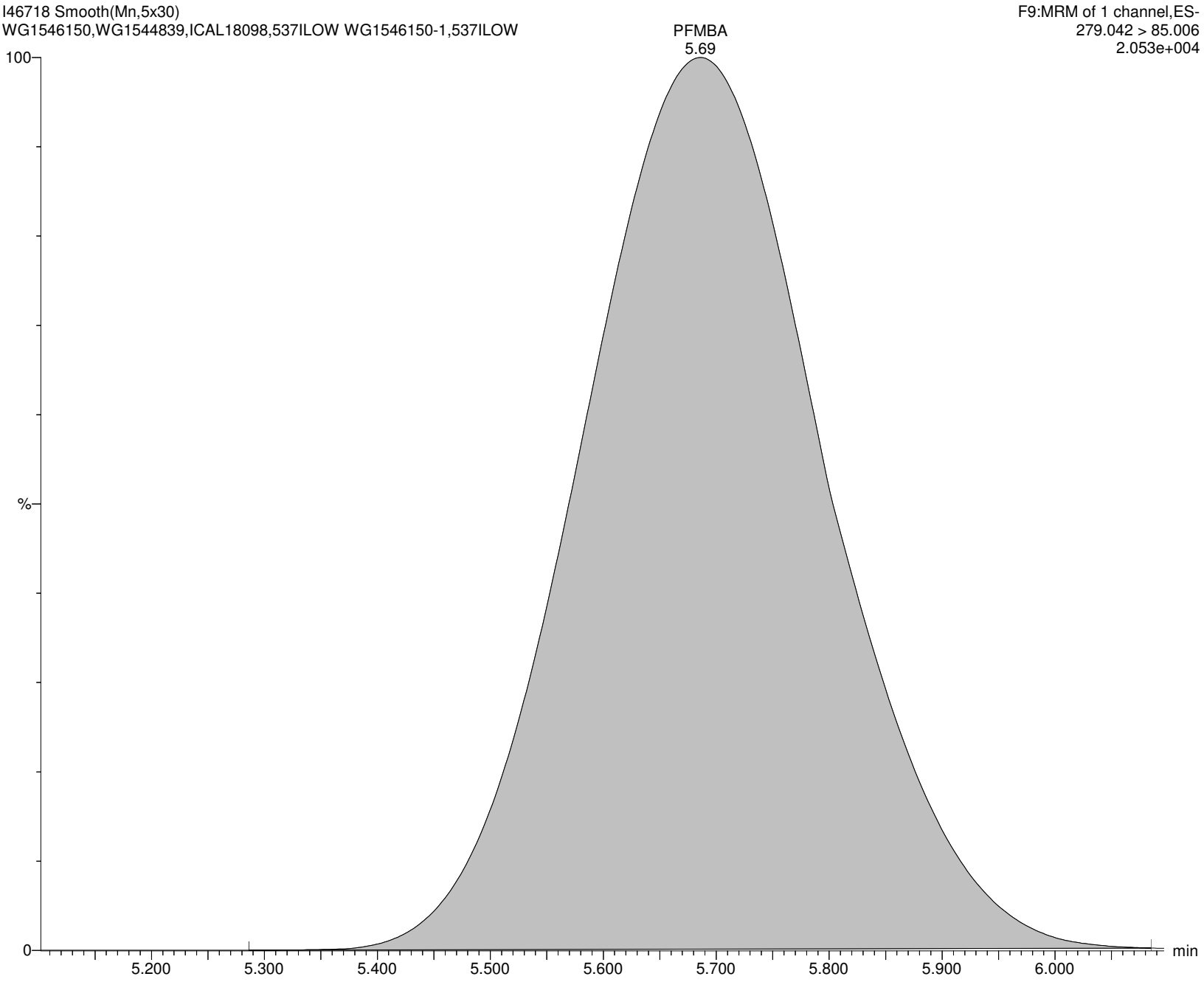


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFMBA

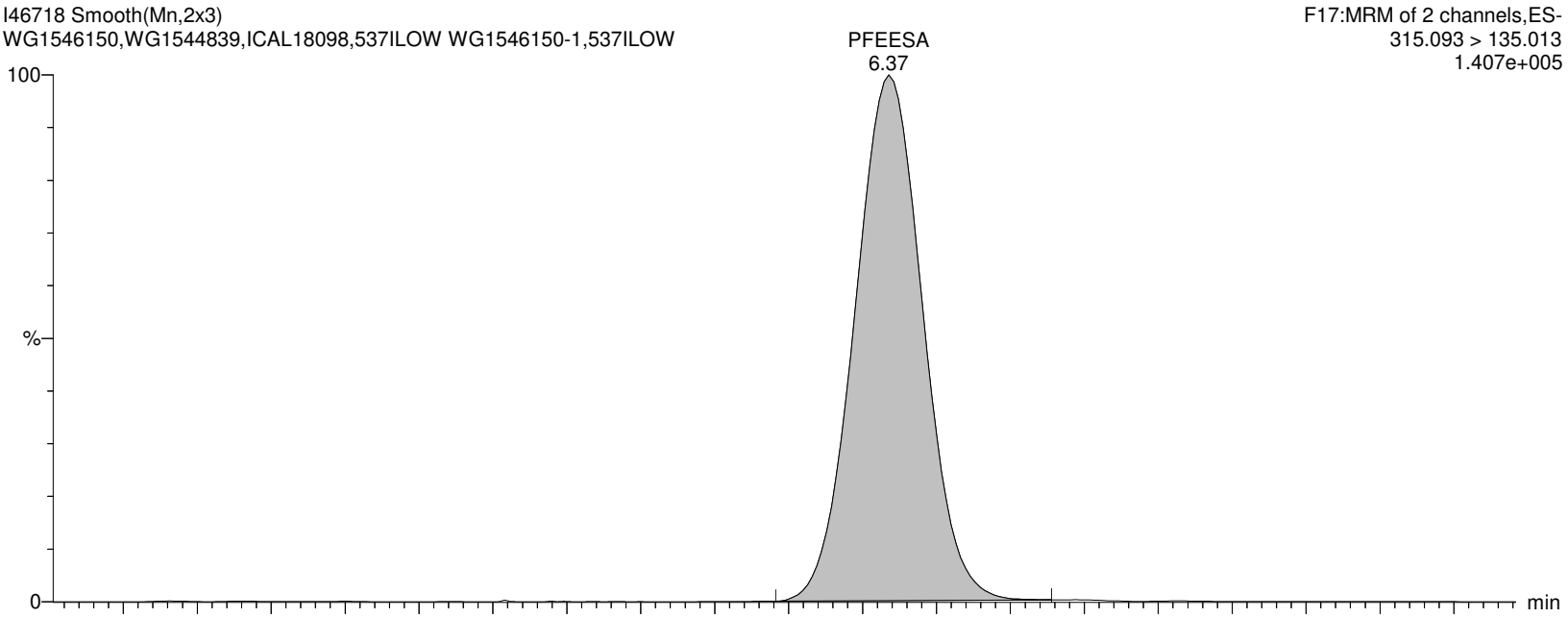


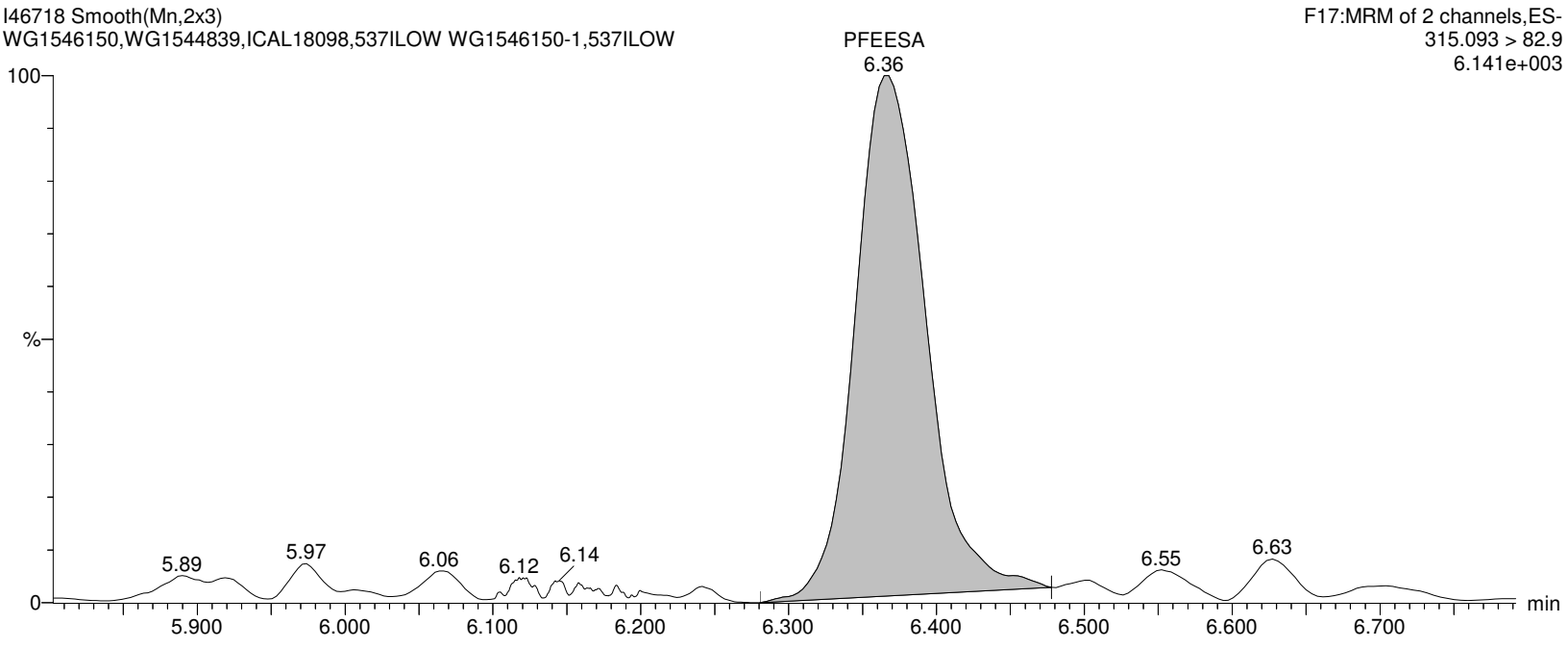
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFEESA



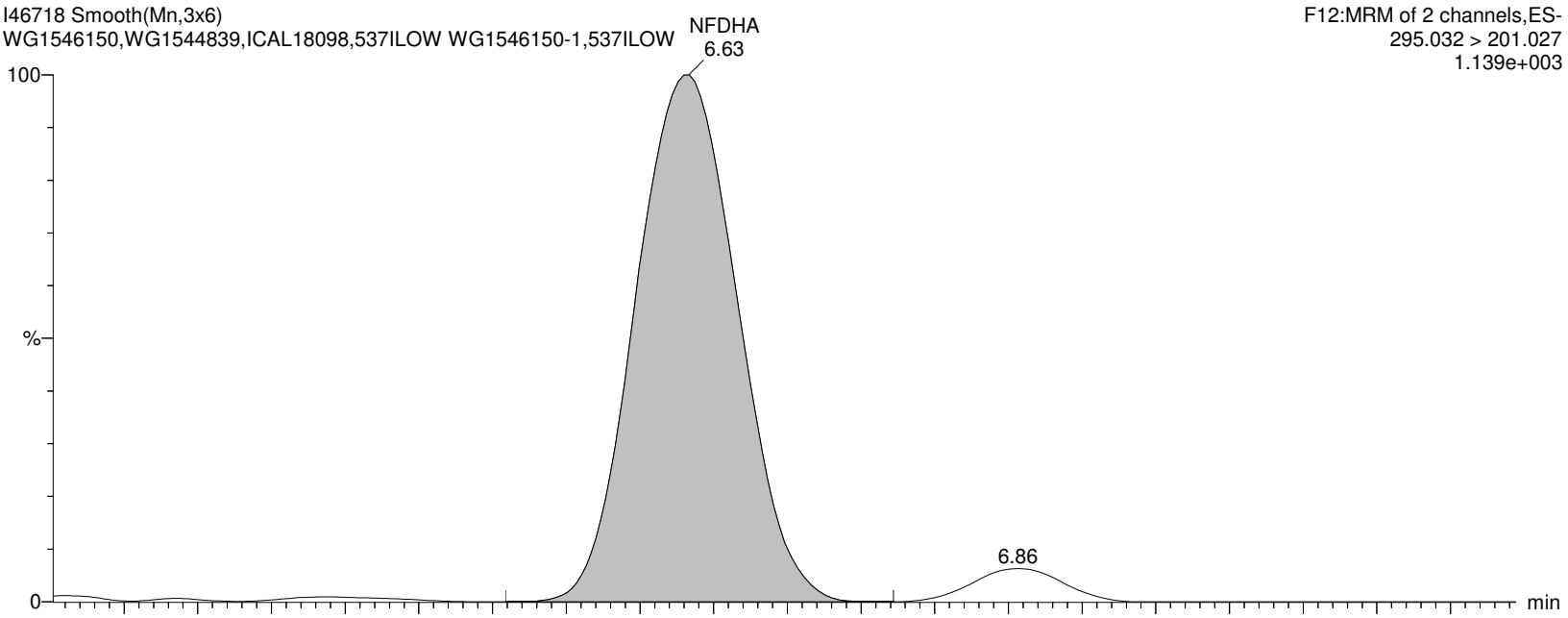


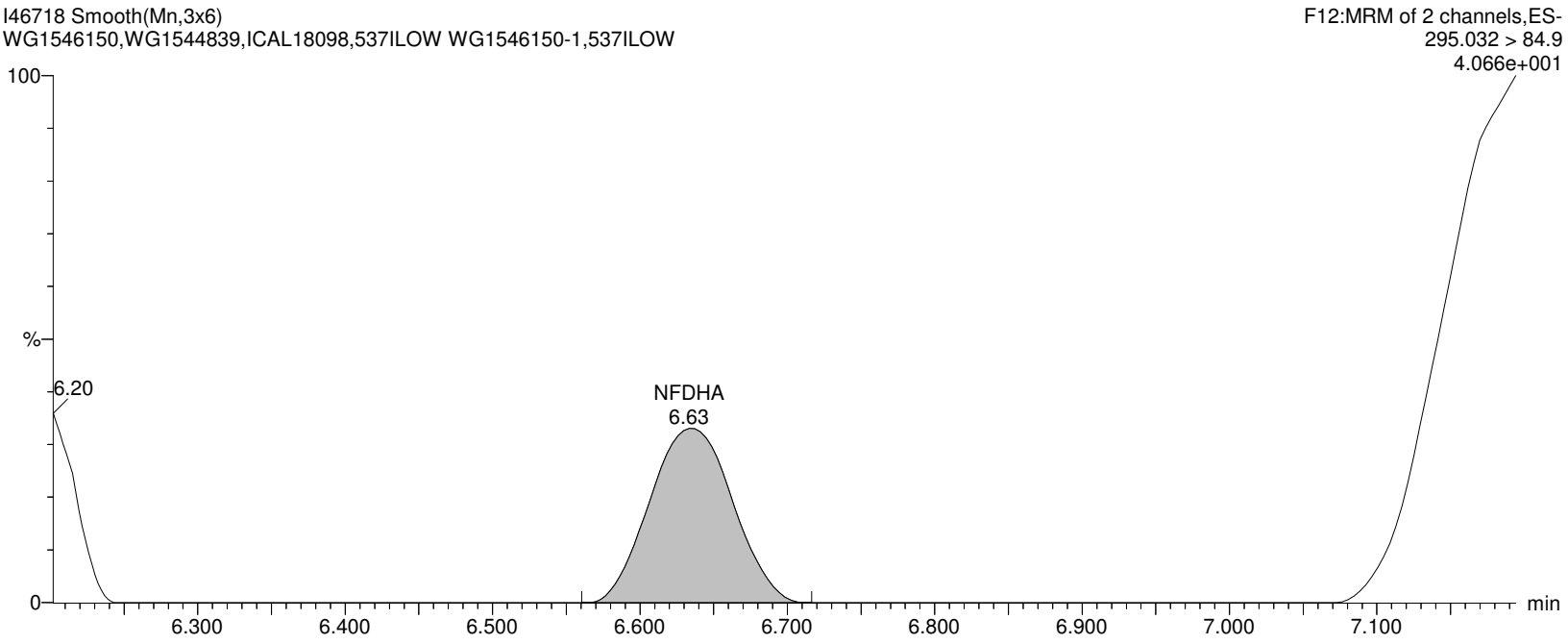
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-1.qld
Last Altered: Tuesday, September 14, 2021 21:06:26 Eastern Daylight Time
Printed: Tuesday, September 14, 2021 22:56:38 Eastern Daylight Time

Name: I46718
ID: WG1546150-1,537ILOW
Date: 14-Sep-2021
Time: 15:36:28
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NFDHA





all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210914_537ISO.PRO\MethDB\537ISO_Q_210625_TOP_RT2.mdb 03 Sep 2021 08:44:20
Calibration: C:\MassLynx\Data\2021\210914_537ISO.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

ID: WG1546150-4,537IMED
Name: I46759
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:SG
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.12	213.032 > 169.022	125914		10.577		na	105.8
2	M3PFBA	INT STD	2.12	216.009 > 171.999	120382		22.931		na	229.3
3	MPFBA	INT STD	2.12	217.001 > 171.999	133768		10.334		na	103.3
4	PFPeA	2706-90-3	5.01	263.039 > 219.03	129194	M4	10.500		na	105.0
5	M5PFPEA	INT STD	5.00	268.001 > 222.999	130759		9.206		na	92.1
6	PFBS	375-73-5	5.66	299.092 > 80.062	29050		9.456	1.96	NO	106.8
7	M3PFBS	INT STD	5.66	302.069 > 80.062	28279		9.677		na	96.8
8	4:2FTS	757124-72-4	6.83	327.146 > 307.139	9445		10.780	2.48	NO	115.3
9	M2-4:2FTS	INT STD	6.83	329.13 > 309.124	9237		7.888		na	78.9
10	PFHxA	307-24-4	6.90	313.047 > 269.037	155172		10.603	16.04	NO	106.0
11	M5PFHxA	INT STD	6.90	318.009 > 273.007	137925		10.735		na	107.3
12	PFPeS	2706-91-4	7.22	349.1 > 80.062	33226		10.952	2.26	NO	116.5
13	PFHpA	375-85-9	8.17	363.055 > 319.045	222648		10.588	5.54	NO	105.9
14	M4PFHpA	INT STD	8.17	367.025 > 322.022	207827		10.849		na	108.5
15	br-PFHxS	355-46-4	8.10	399.107 > 80.062	5860	M5,M7	1.987	2.14	NO	116.9
16	L-PFHxS	355-46-4	8.33	399.107 > 80.062	28710		7.677	1.67	NO	103.7
17	PFHxS	355-46-4		399.107 > 80.062	34570		9.663		na	
18	M3PFHxS	INT STD	8.33	402.084 > 80.062	34276		10.342		na	103.4
19	br-PFOA	335-67-1		413.063 > 369.053			ND		YES	
20	L-PFOA	335-67-1	9.11	413.063 > 369.053	223563		11.073	8.59	NO	110.7
21	PFOA	335-67-1		413.063 > 369.053	223563		11.073		na	
22	M8PFOA	INT STD	9.11	421.002 > 376.	209518		9.821		na	98.2
23	M2PFOA	INT STD	9.11	415.048 > 370.045	210128		19.840		na	198.4
24	6:2FTS	27619-97-2	9.07	427.161 > 407.155	11072		10.860	3.71	NO	114.3
25	M2-6:2FTS	INT STD	9.07	429.146 > 409.14	10657		8.865		na	88.6
26	PFHpS	375-92-8	9.20	449.115 > 80.062	22570		10.015	1.07	NO	105.4
27	PFNA	375-95-1	9.86	463.071 > 419.061	170715		10.641	3.67	NO	106.4
28	M9PFNA	INT STD	9.86	472.002 > 427.	64226		10.481		na	104.8
29	br-PFOS	1763-23-1	9.73	499.123 > 80.062	8429	M5,M7	2.410	3.95	NO	120.5
30	L-PFOS	1763-23-1	9.92	499.123 > 80.062	22392		8.024	1.70	NO	109.9
31	PFOS	1763-23-1		499.123 > 80.062	30821		10.433		na	
32	M4PFOS	INT STD	9.92	503.093 > 80.062	26487		23.401		na	234.0
33	M8PFOS	INT STD	9.92	507.062 > 80.062	31456		10.598		na	106.0
34	PFDA	335-76-2	10.49	513.078 > 469.069	151904		10.807	5.25	NO	108.1
35	M2PFDA	INT STD	10.49	515.053 > 469.934	119606		19.607		na	196.1
36	M6PFDA	INT STD	10.49	519.033 > 474.03	141255		10.405		na	104.0
37	8:2FTS	39108-34-4	10.48	527.177 > 507.171	5003		10.909	4.88	NO	113.6
38	M2-8:2FTS	INT STD	10.49	529.162 > 509.155	7310		8.271		na	82.7
39	PFNS	68259-12-1	10.53	549.131 > 80.062	25620		10.543	1.41	NO	109.8

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

ID: WG1546150-4,537IMED
Name: I46759
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:SG
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.89	573.22 > 419.061	12537		9.798		na	98.0
41	br-NMeFOSAA		10.73	570.202 > 419.061	1265	M5,M7	2.582	1.46	NO	107.6
42	L-NMeFOSAA		10.89	570.202 > 419.061	11206		8.205	3.14	NO	108.0
43	NMeFOSAA	2355-31-9		570.202 > 419.061	12471		10.787		na	
44	PFUnA	2058-94-8	11.04	563.086 > 519.076	145528		10.996	9.24	NO	110.0
45	M7-PFUDA	INT STD	11.04	570.033 > 525.031	131207		10.363		na	103.6
46	PFDS	335-77-3	11.05	599.139 > 80.062	28025		10.733	1.62	NO	111.2
47	FOSA	754-91-6	10.97	498.146 > 78.07	87667		11.568	127.86	NO	115.7
48	M8FOSA	INT STD	10.97	506.077 > 78.07	88520		12.044		na	120.4
49	br-NEtFOSAA		11.04	584.229 > 419.061	890	M5,M7	2.648	0.60	NO	117.7
50	L-NEtFOSAA		11.19	584.229 > 419.061	8568		8.617	1.19	NO	111.2
51	NEtFOSAA	2991-50-6		584.229 > 419.061	9458		11.265		na	
52	d5-NEtFOSAA	INT STD	11.18	589.259 > 419.061	10079		9.532		na	95.3
53	PFDoA	307-55-1	11.52	613.094 > 569.084	135708		10.050	18.66	NO	100.5
54	MPFDOA	INT STD	11.52	615.079 > 570.077	128587		10.527		na	105.3
55	PFTrDA	72629-94-8	11.94	663.102 > 619.092	110372		11.781	11.37	NO	117.8
56	PFTA	376-06-7	12.30	713.11 > 669.1	68903		10.371	8.94	NO	103.7
57	M2PFTEDA	INT STD	12.30	715.094 > 670.092	34124		8.907		na	89.1
58	M3HFPO-DA	INT STD	7.33	287.02 > 169.022	13785		231.873		na	115.9
59	HFPO-DA	13252-13-6	7.32	285.035 > 169.022	6675		99.734	2.22	NO	99.7
60	ADONA	958445-44-8	8.35	377.06 > 251.028	189240		11.374	39.64	NO	120.2
61	PFHxDA		12.75	813.122 > 769.116	22535		11.710	20.81	NO	117.1
62	PFODA		12.96	913.411 > 869.131	173		0.734	22.71	NO	7.3
63	M2PFHxDA		12.75	815.102 > 770.108	29108		5.187		na	51.9

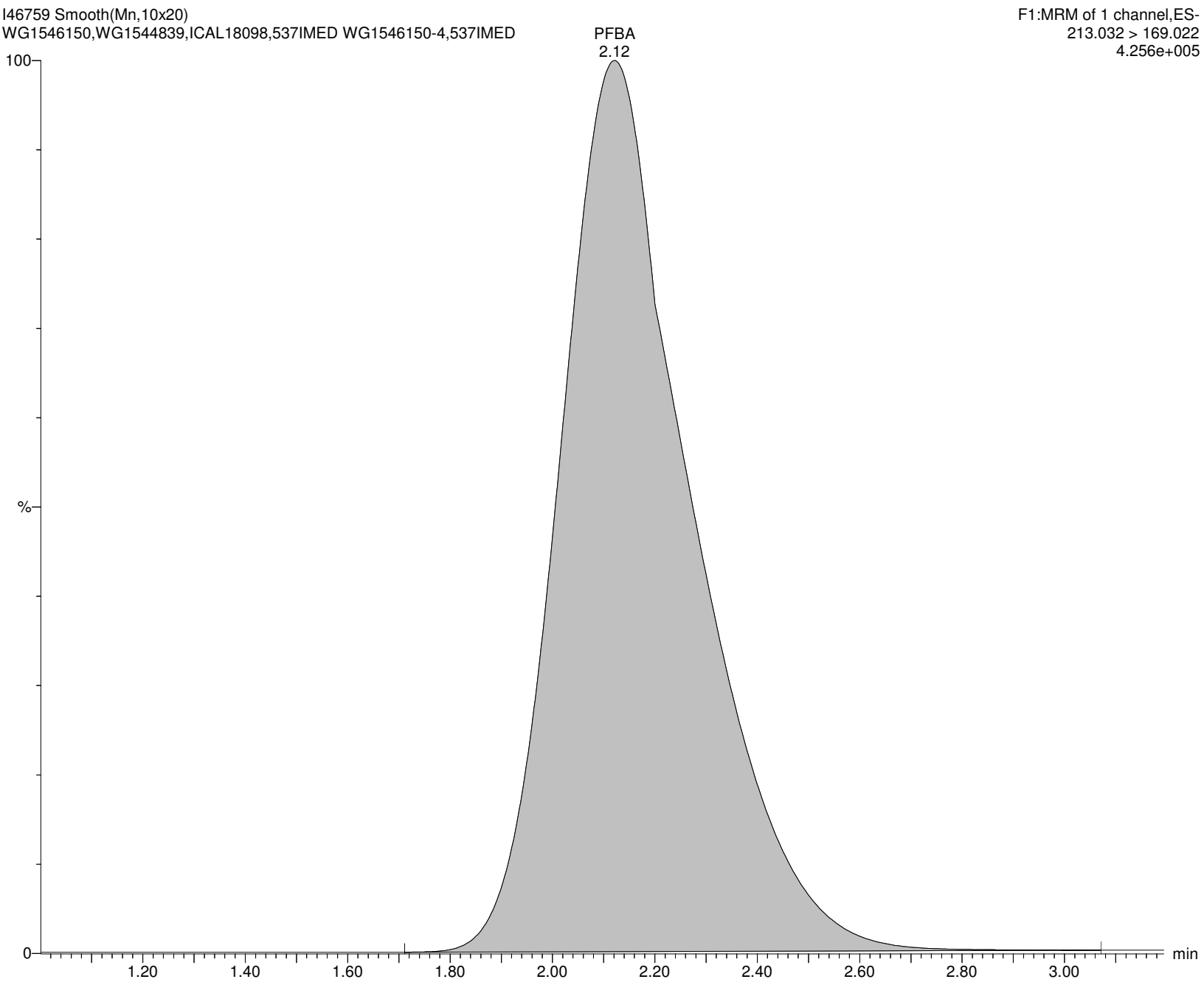
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210914_537ISO.PRO\MethDB\537ISO_Q_210625_TOP_RT2.mdb 03 Sep 2021 08:44:20
Calibration: C:\MassLynx\Data\2021\210914_537ISO.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBA

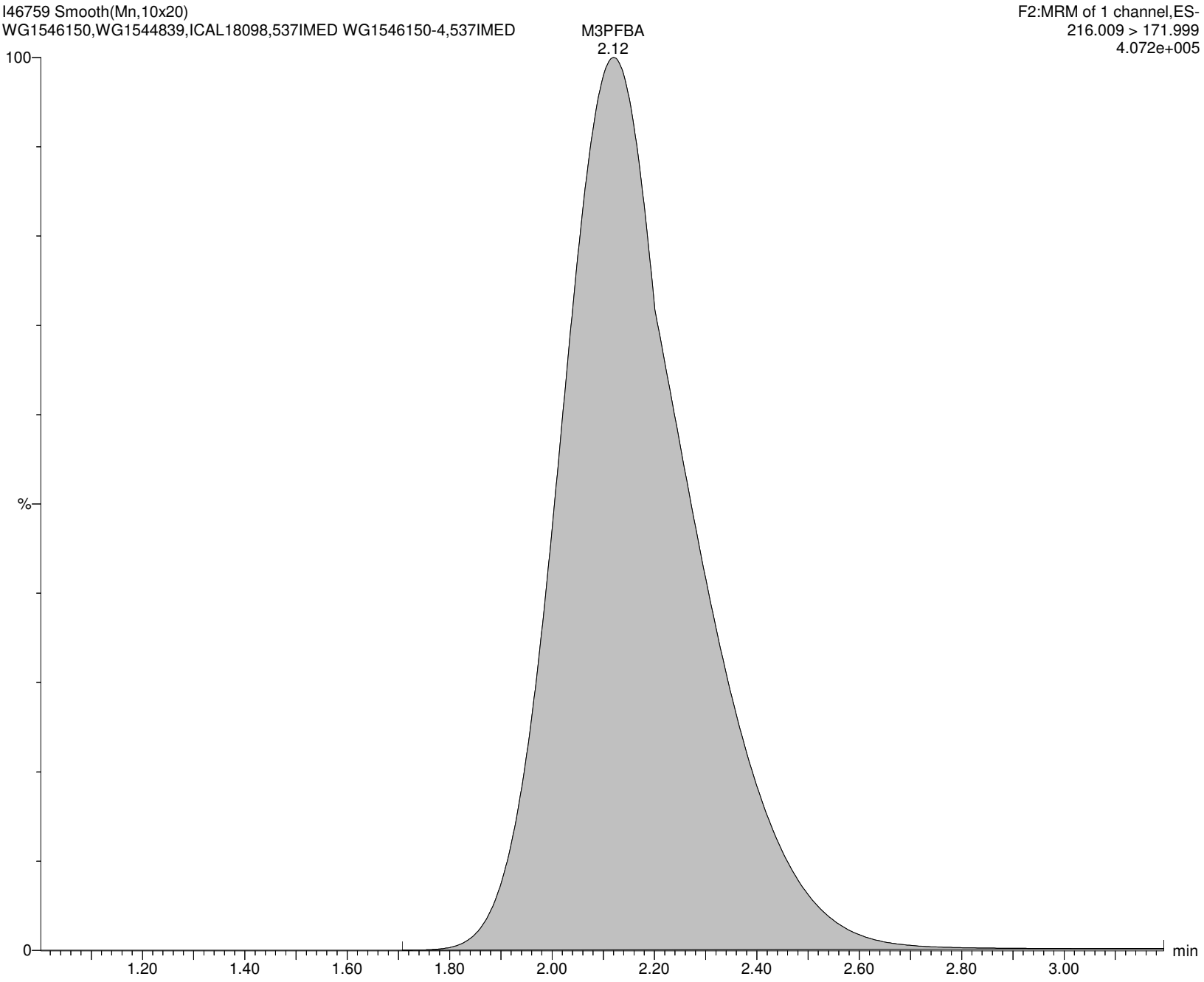


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBA

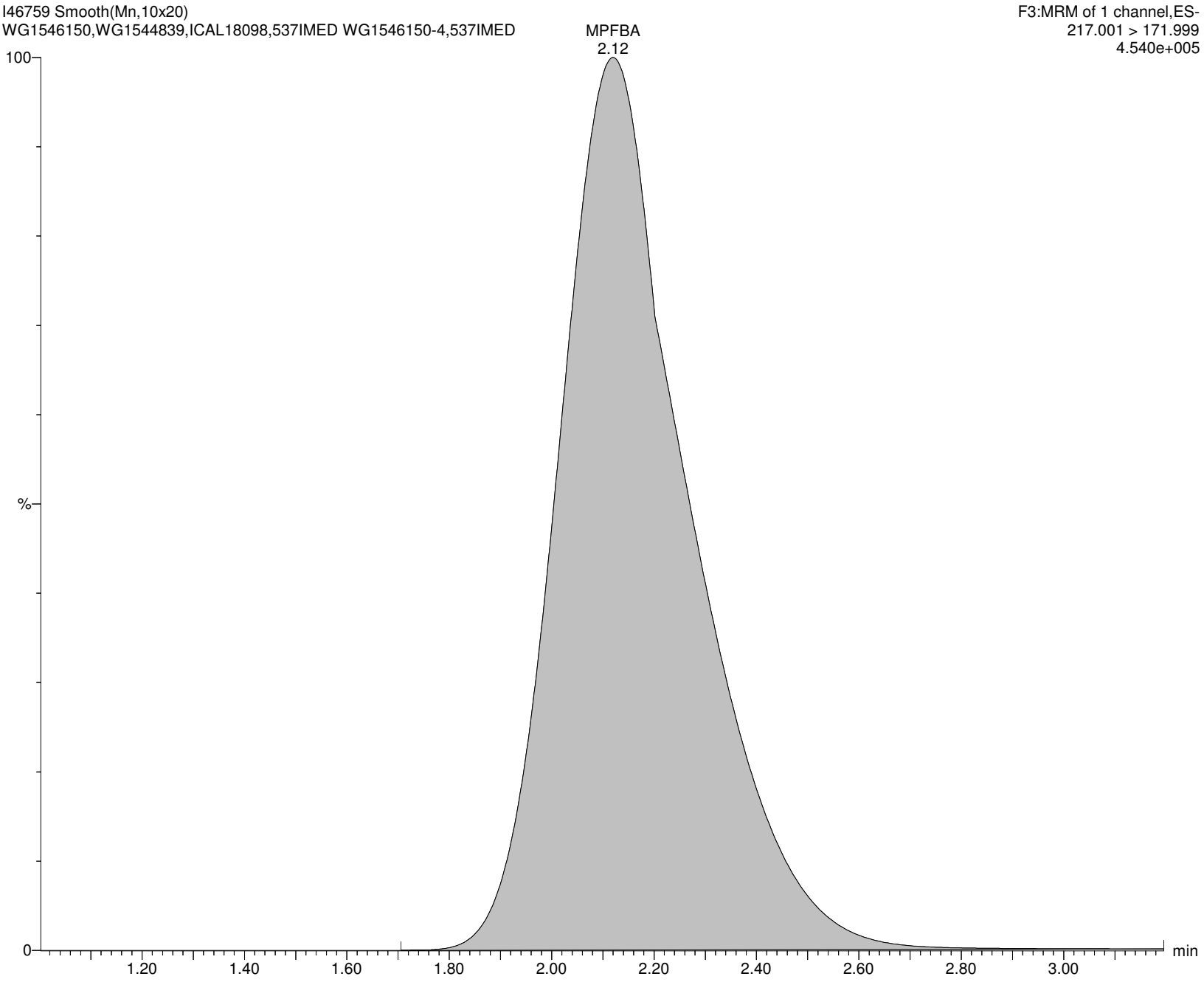


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFBA

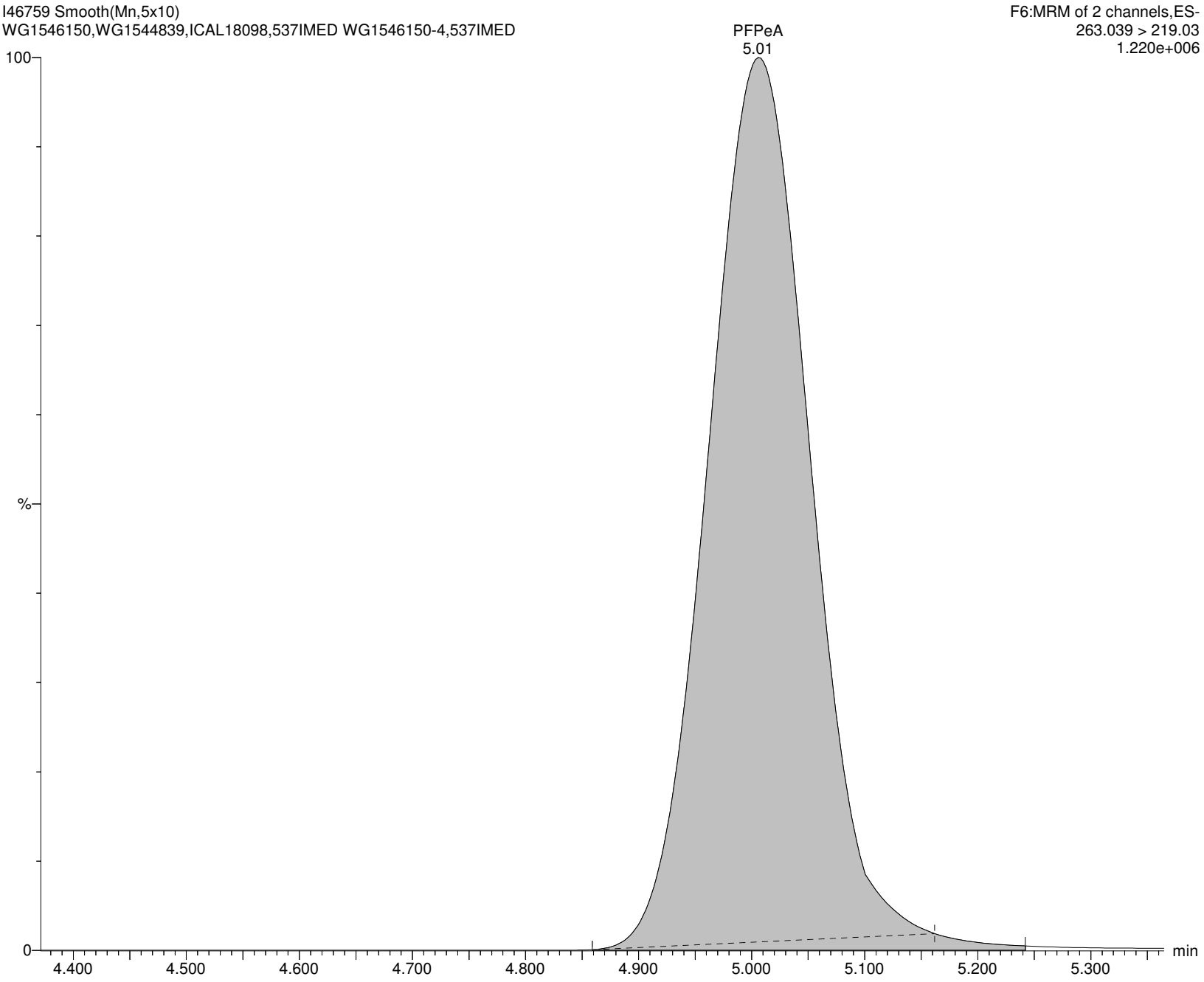


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeA

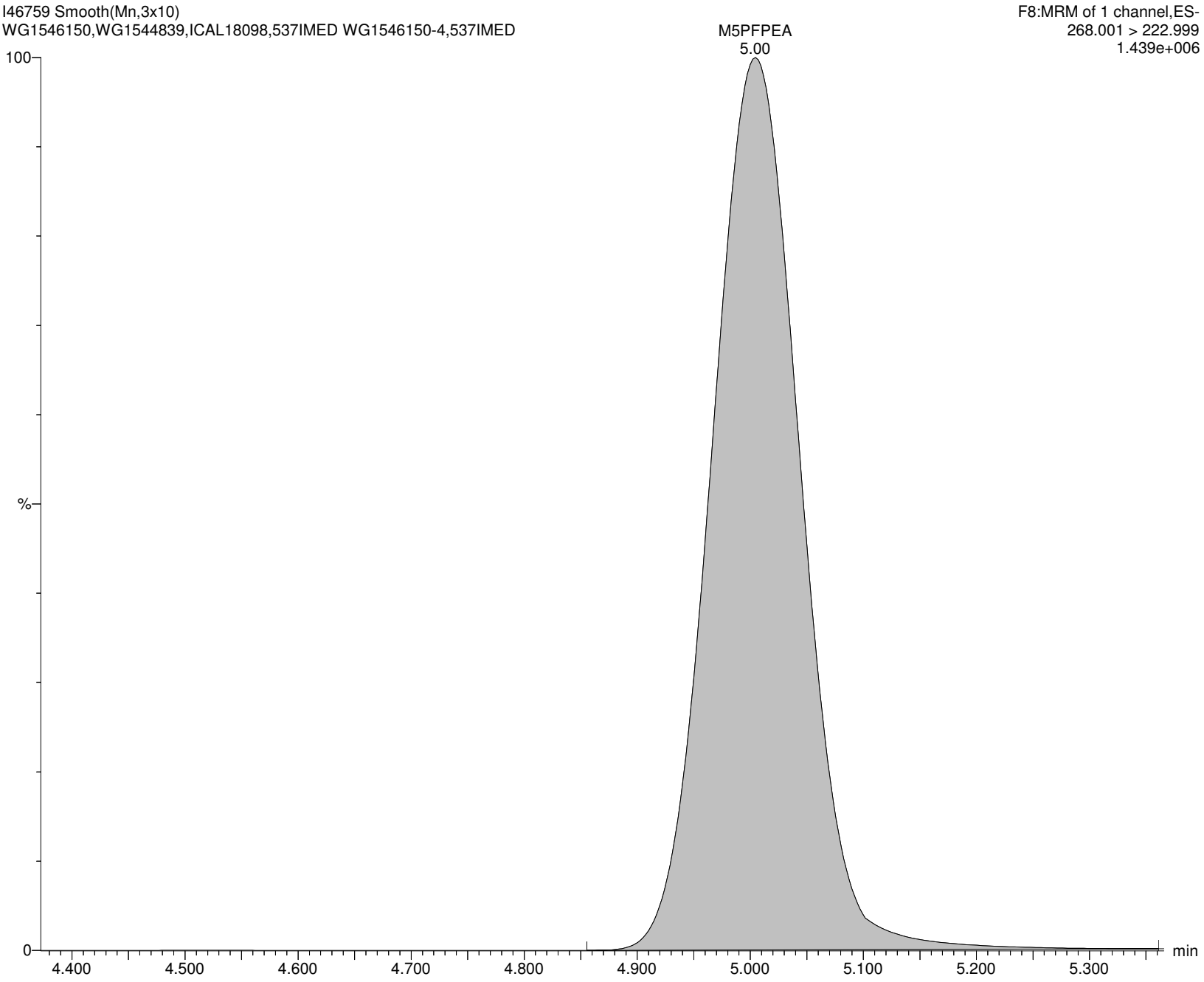


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFPEA

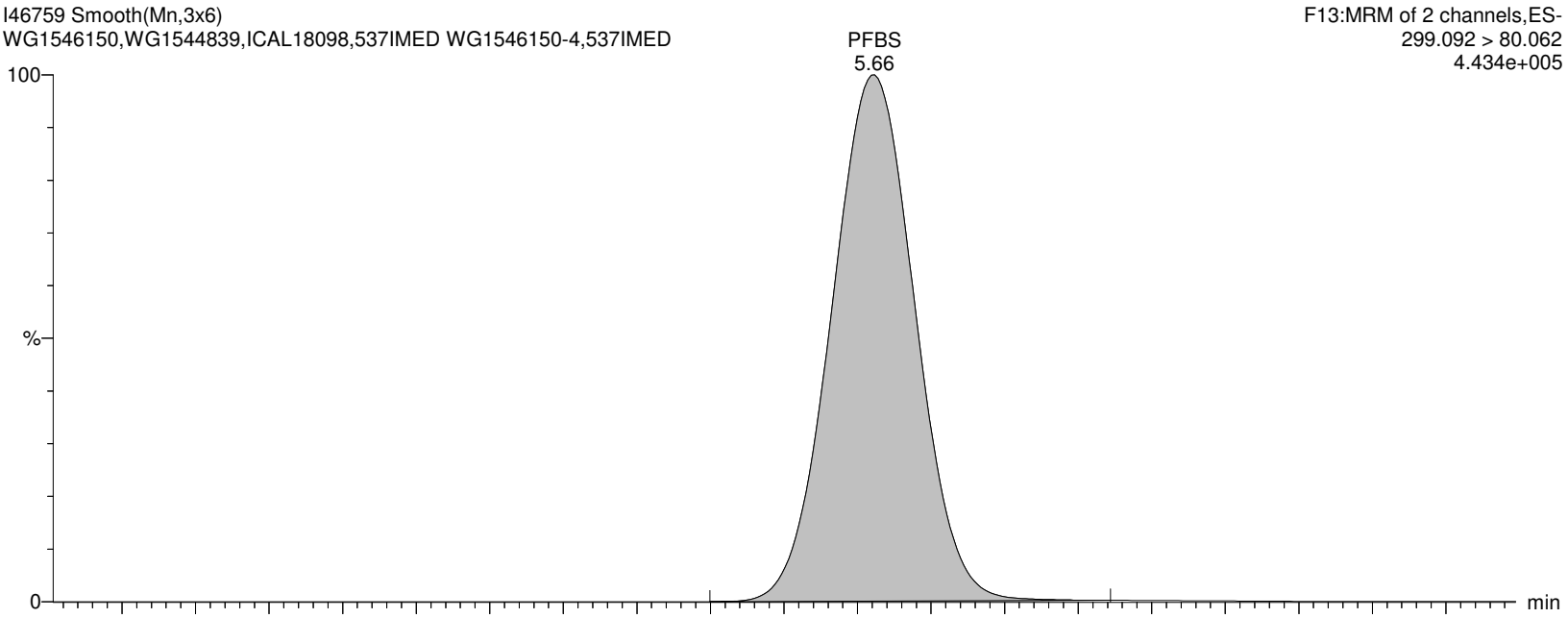


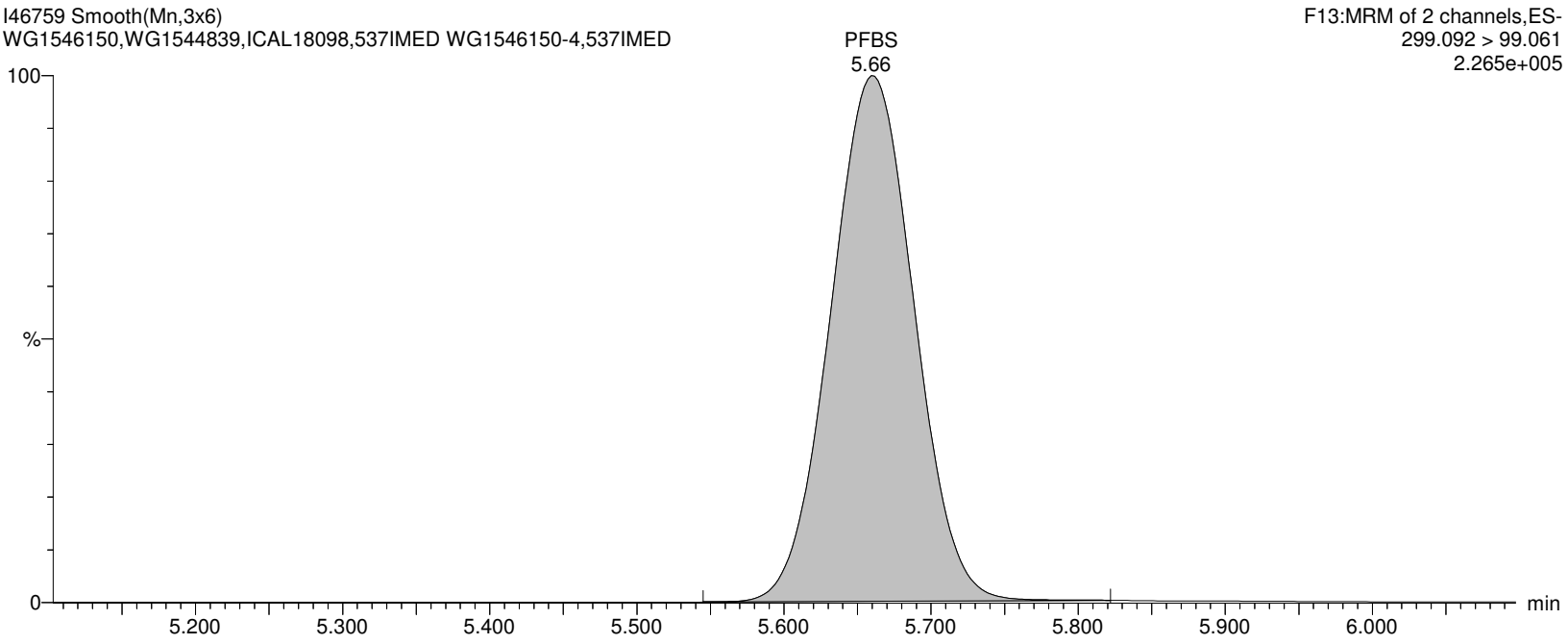
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBS



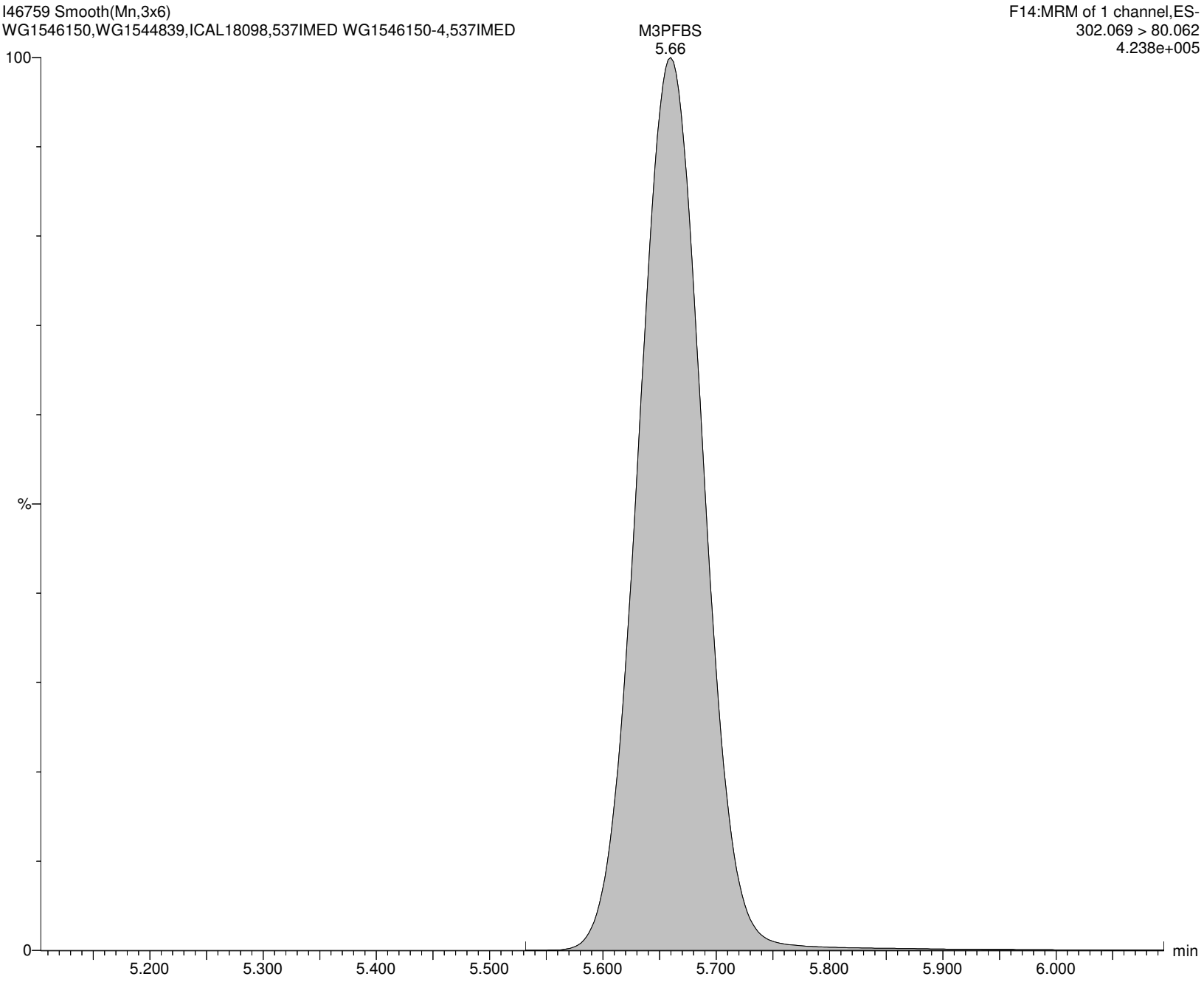


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBS

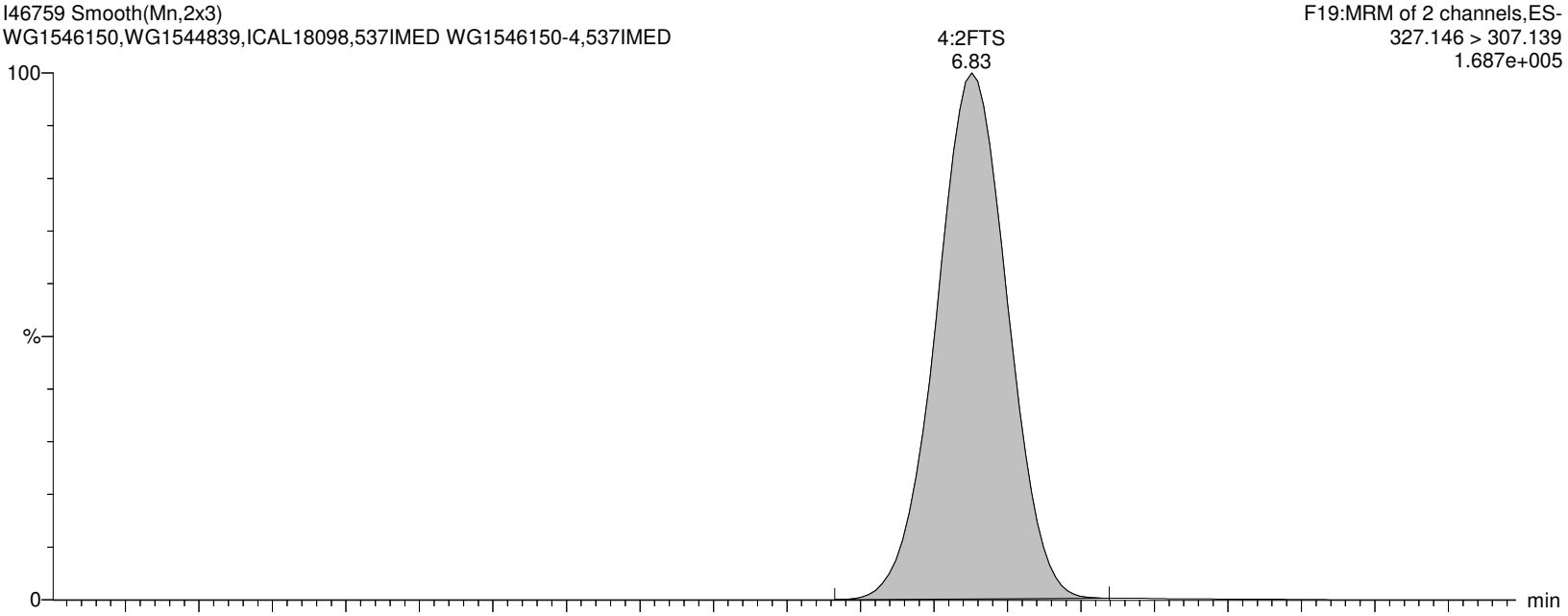


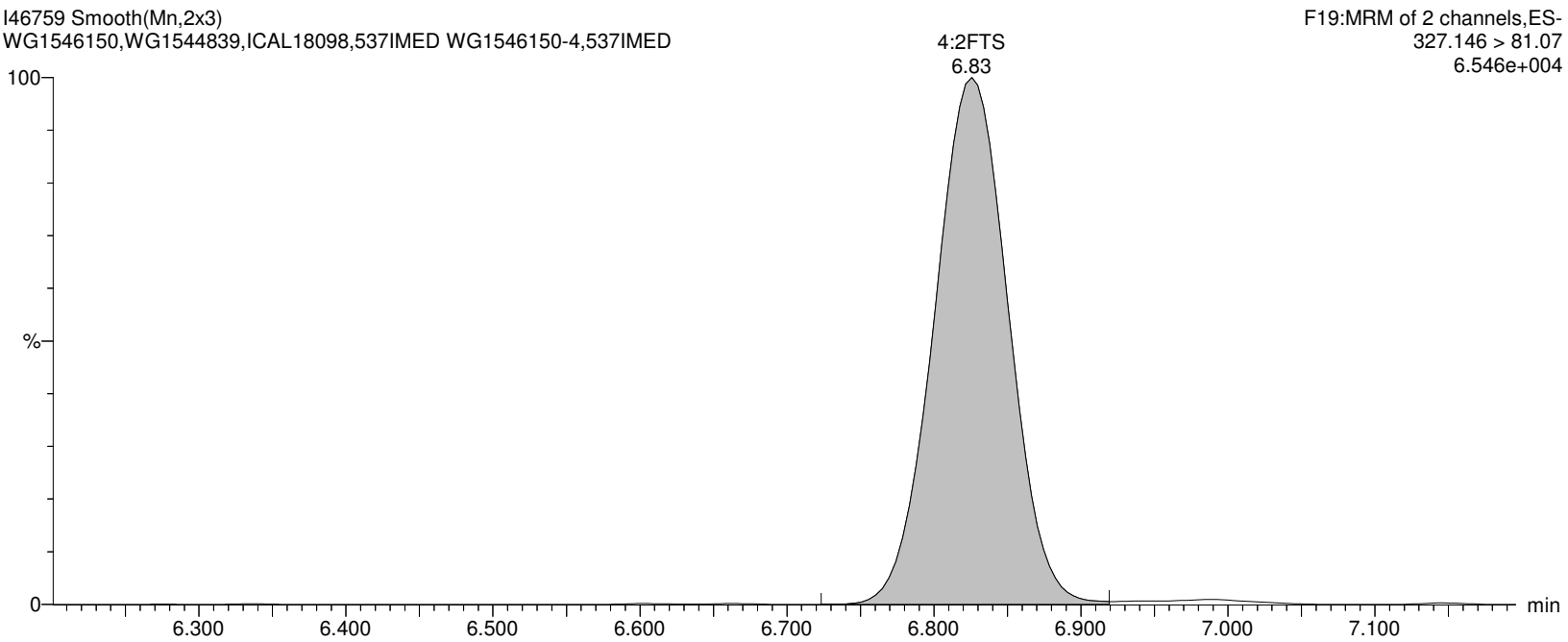
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

4:2FTS



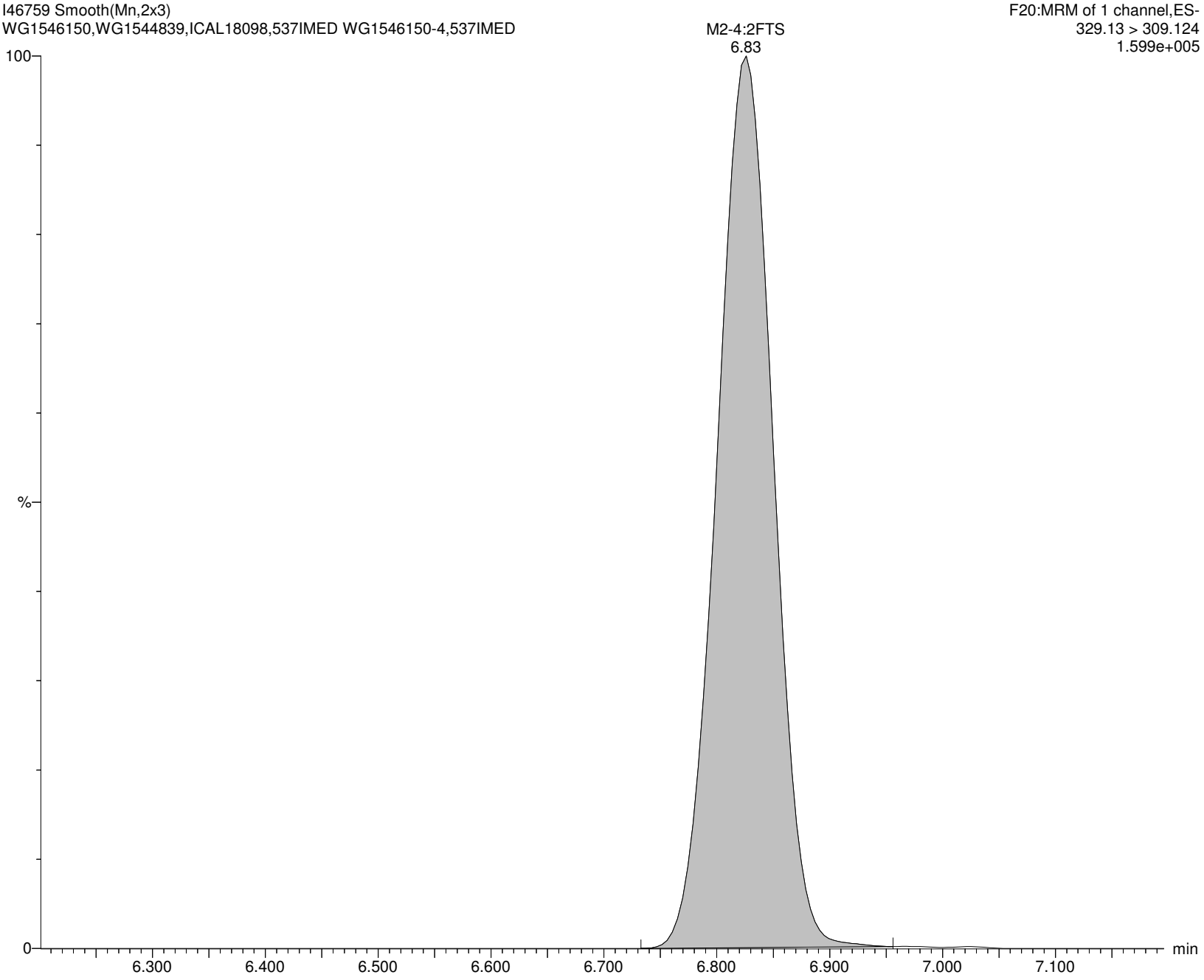


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-4:2FTS

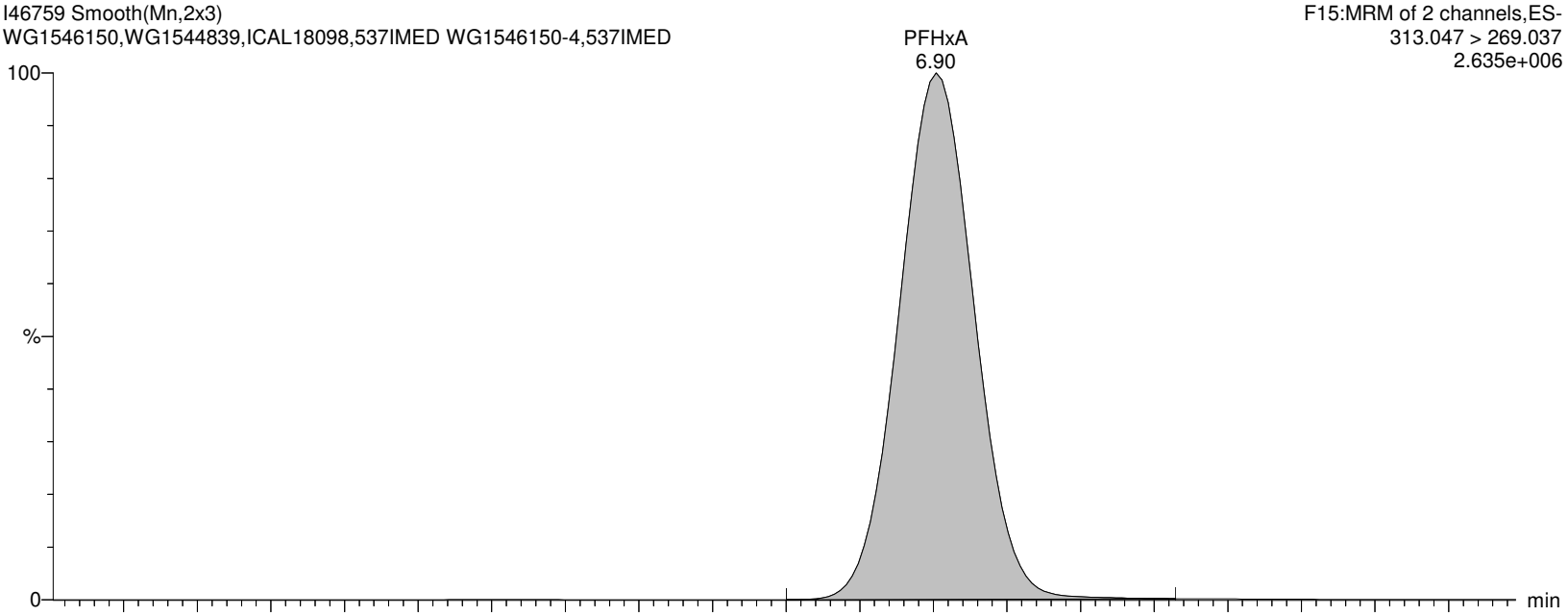


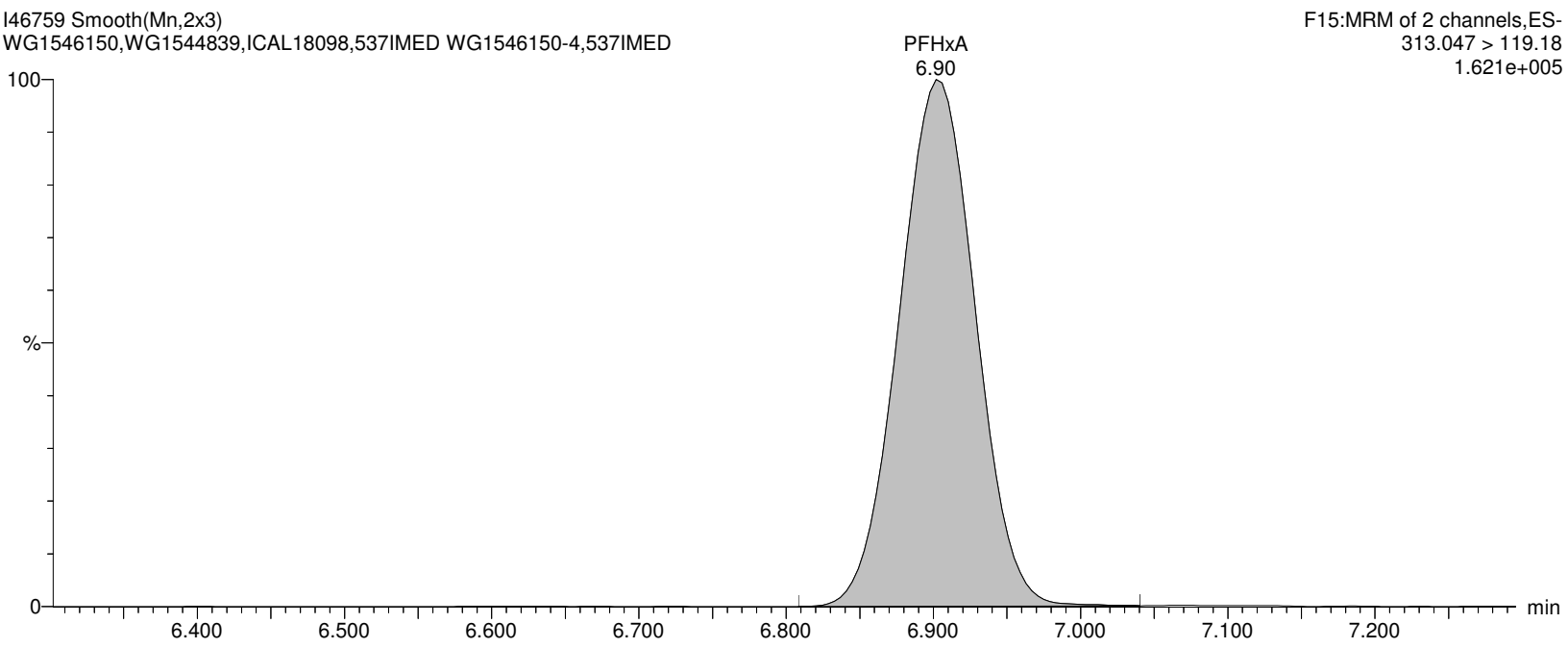
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxA



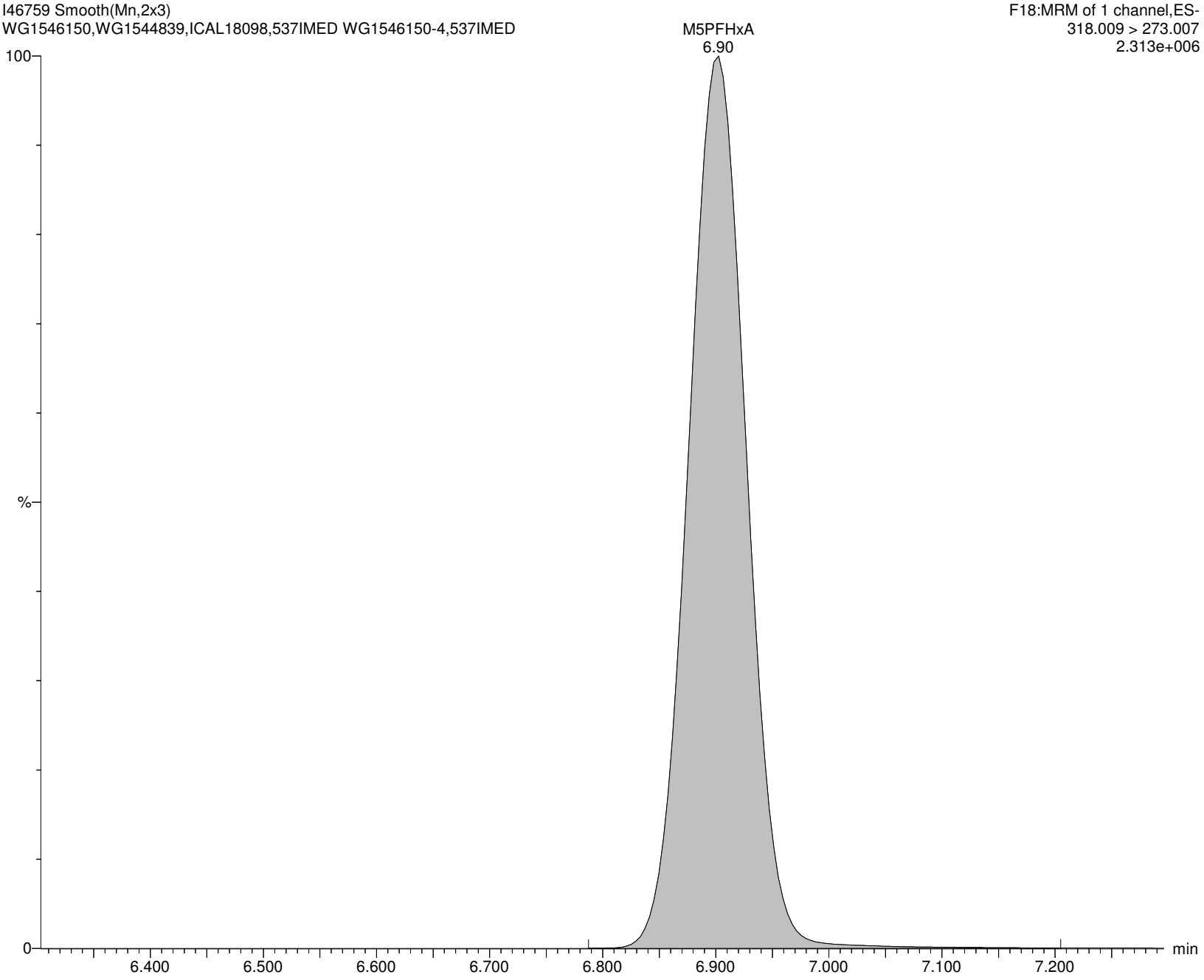


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFHxA

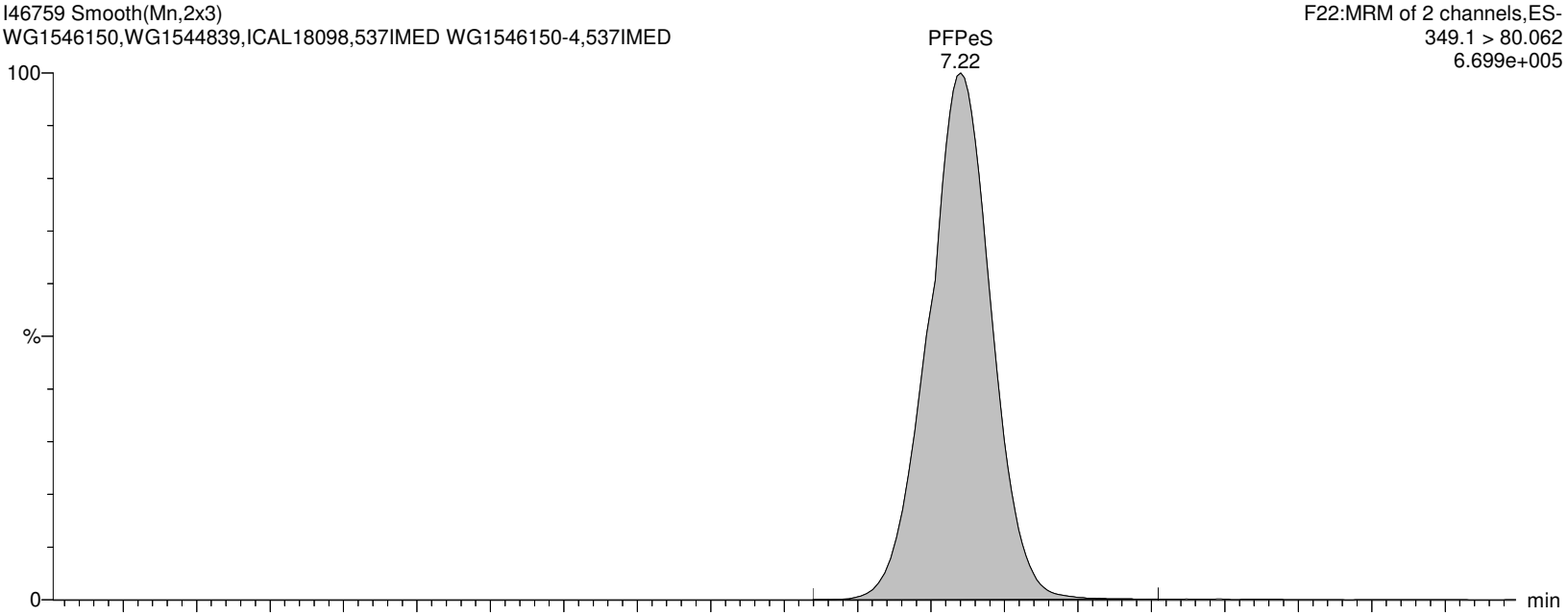


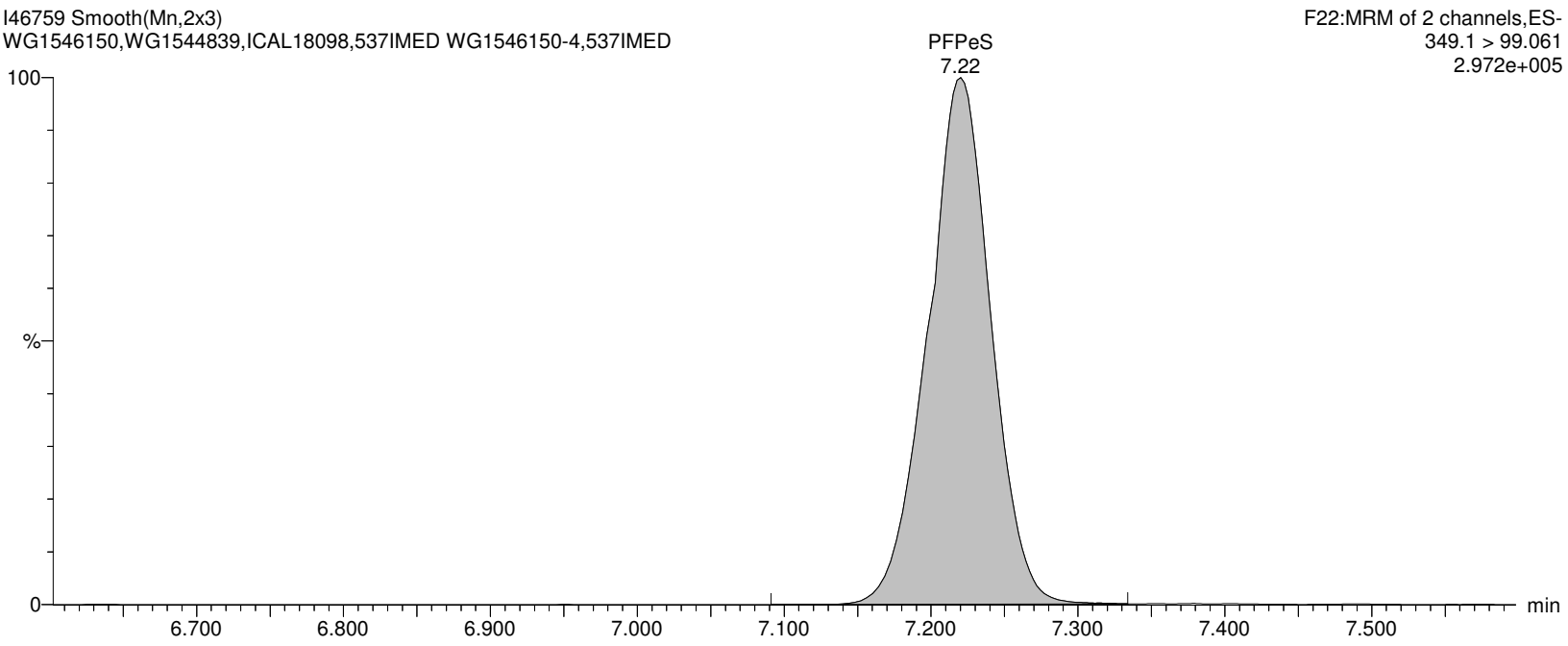
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeS



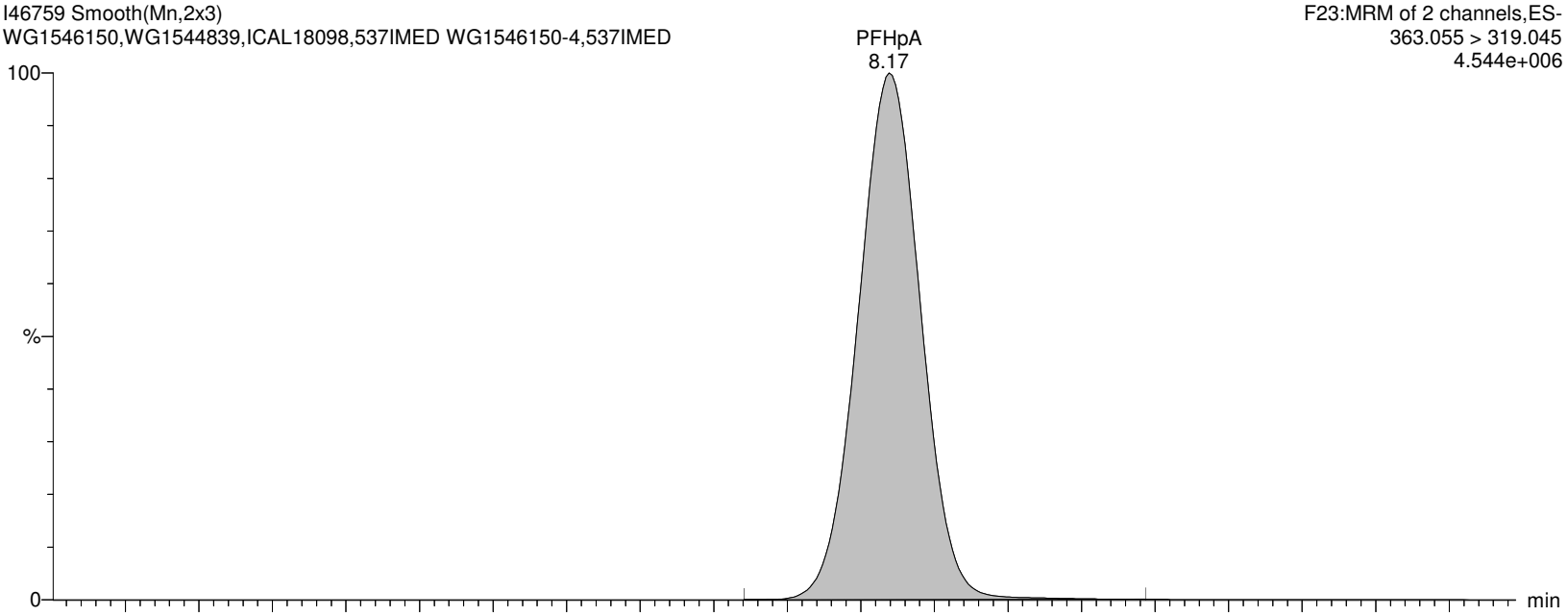


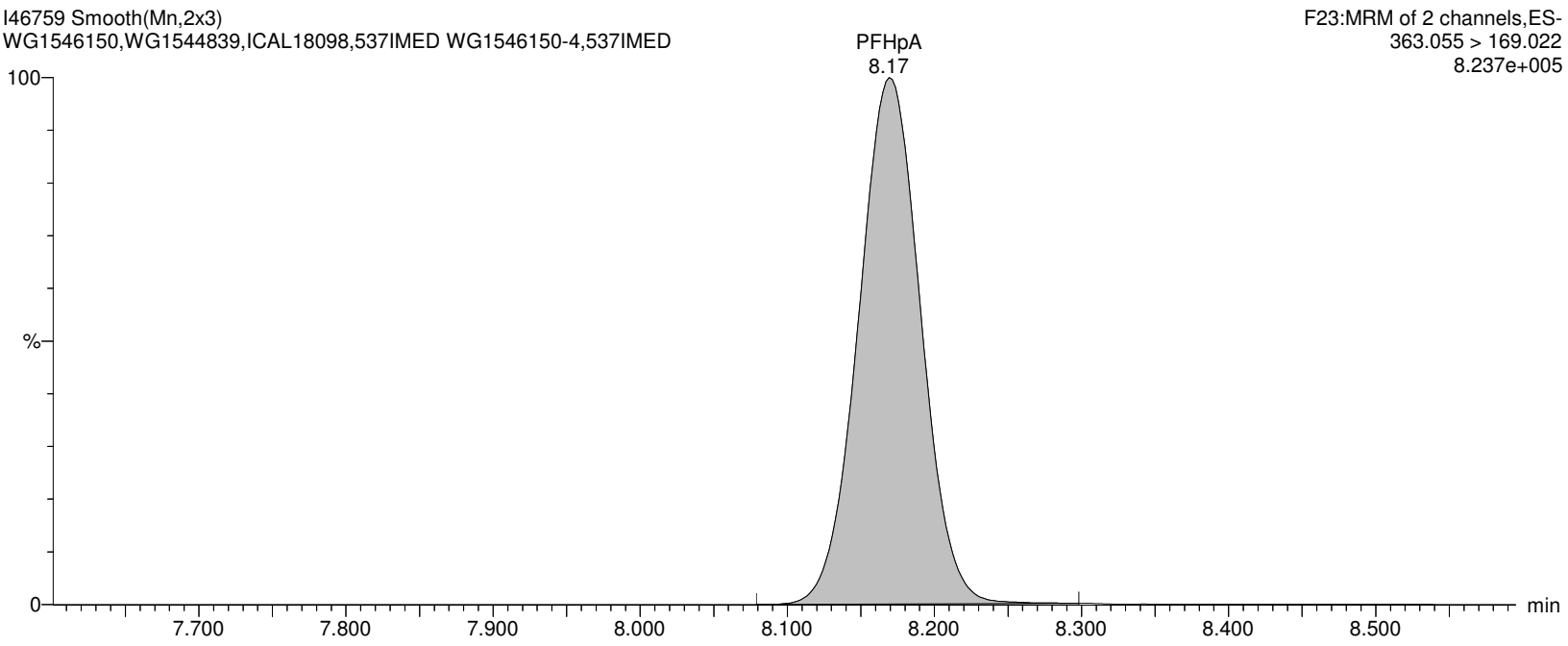
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpA



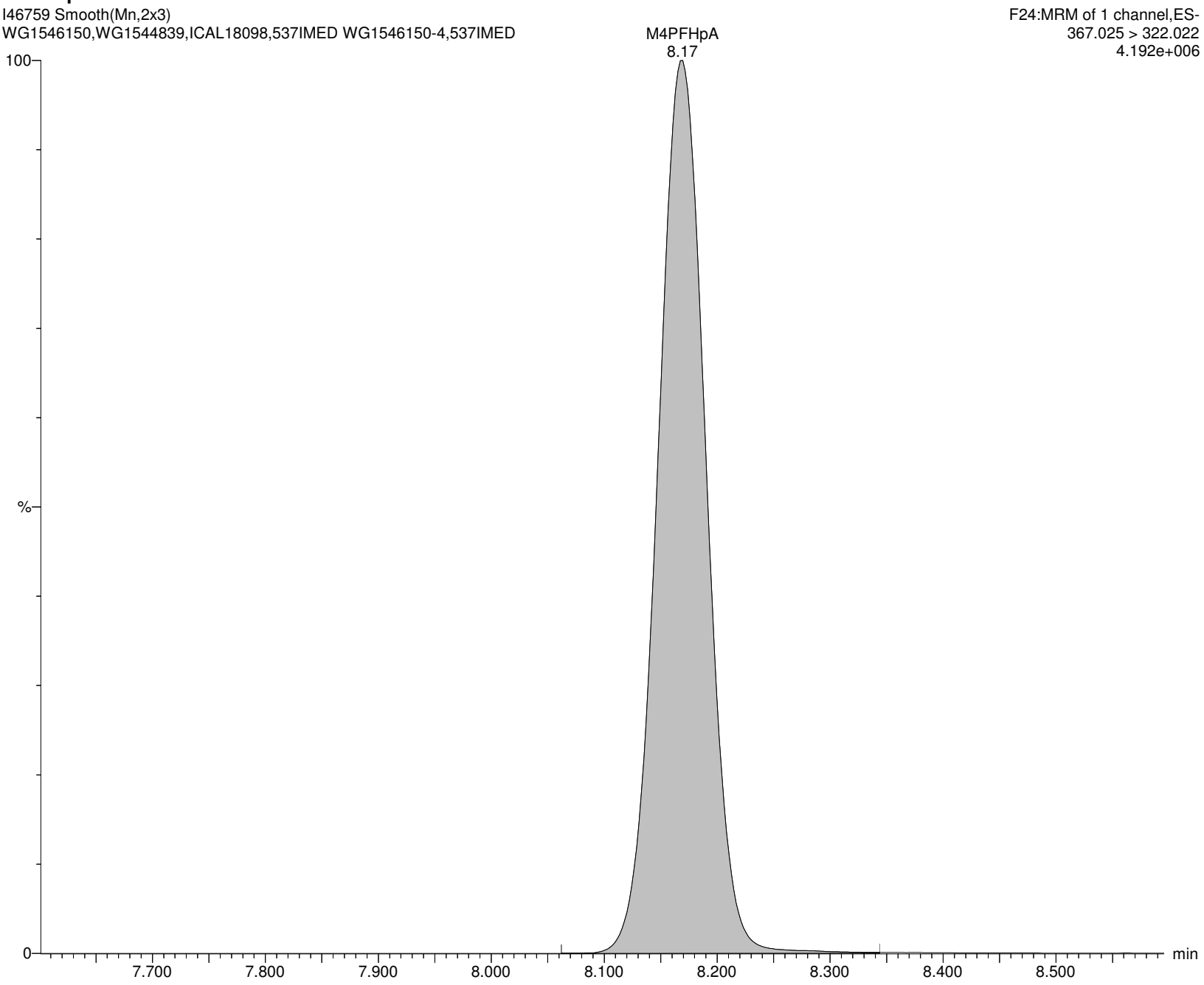


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFHpA

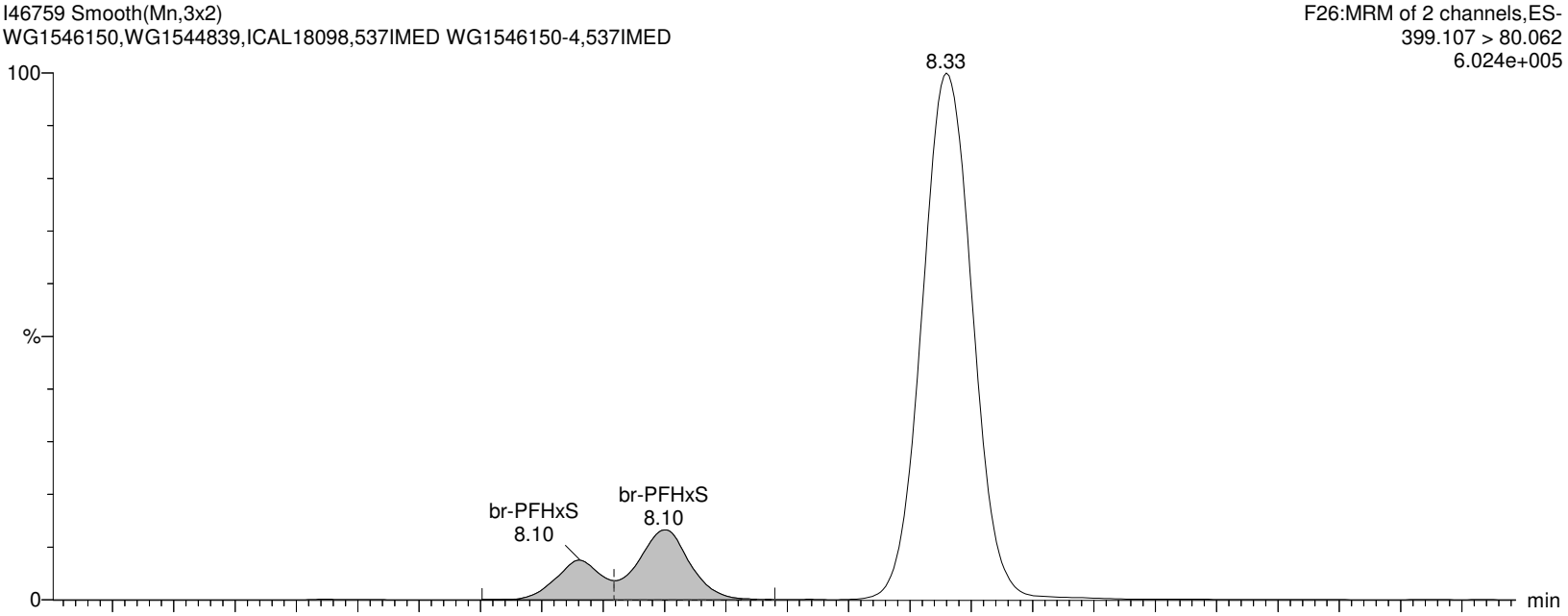


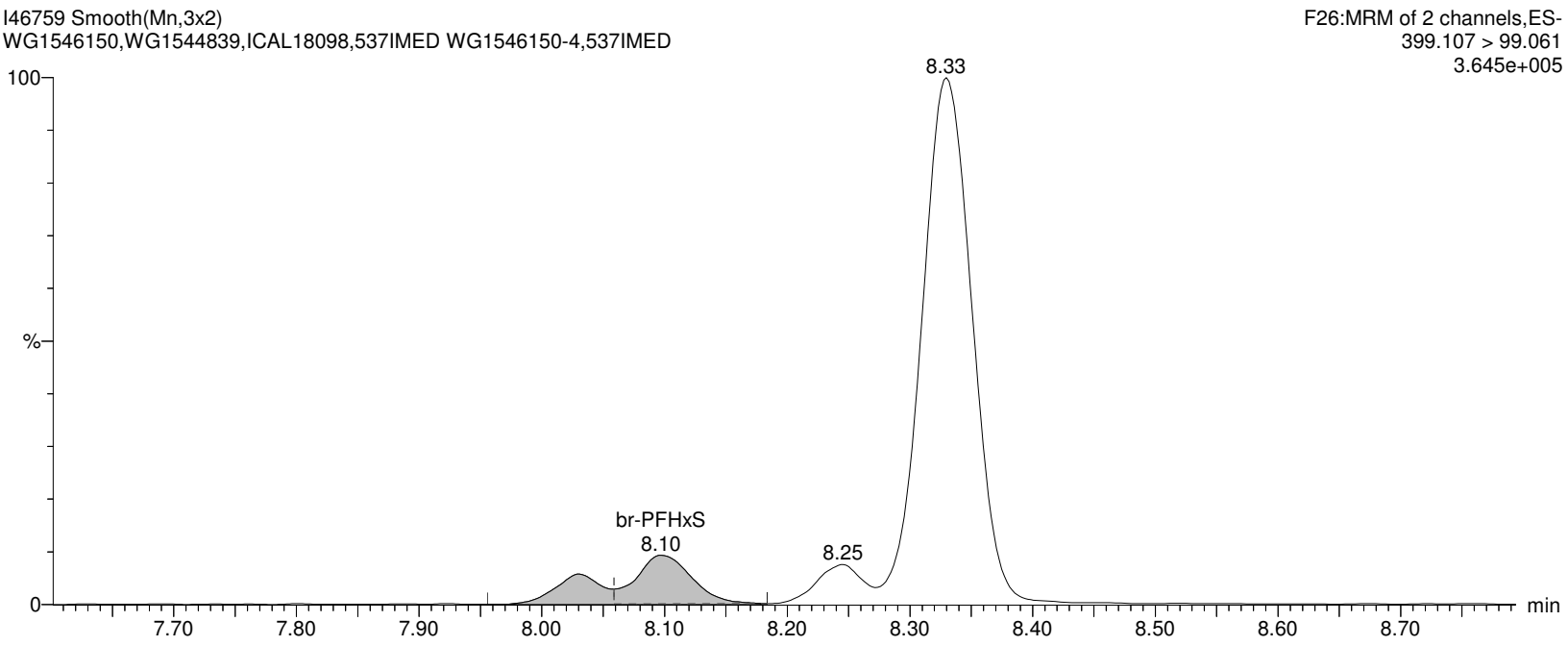
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFHxS



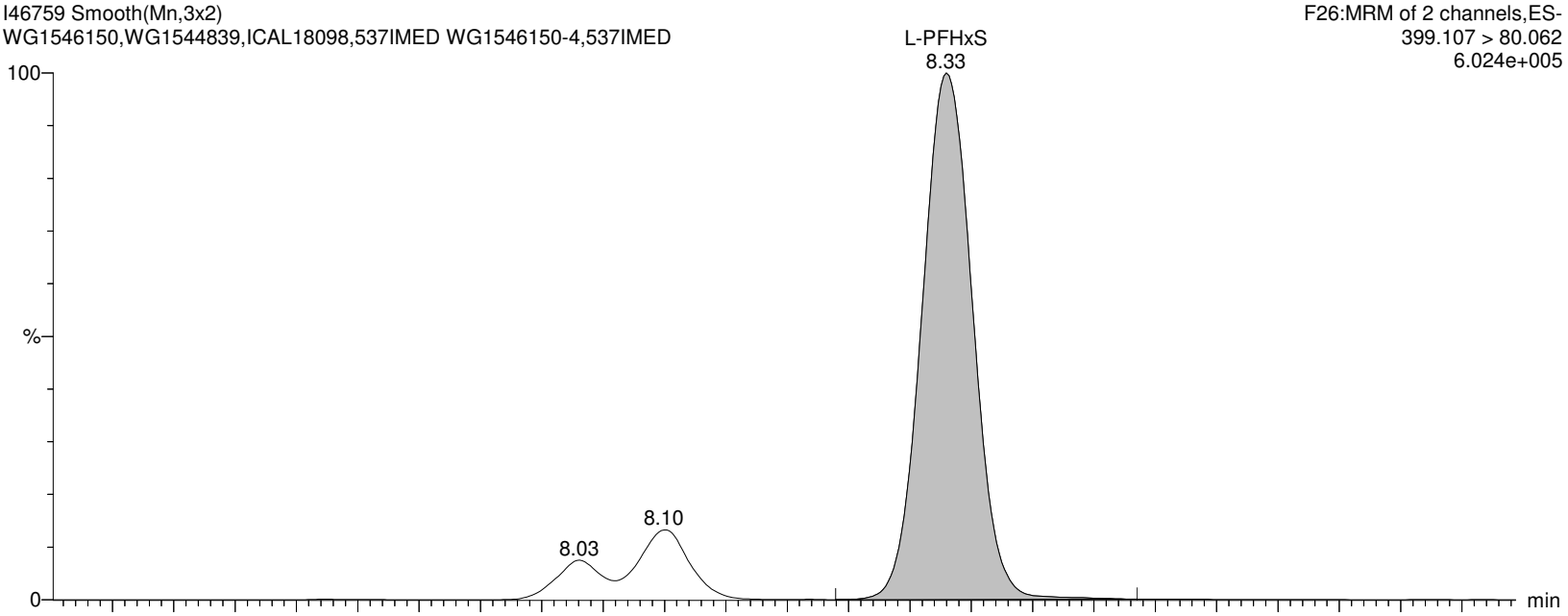


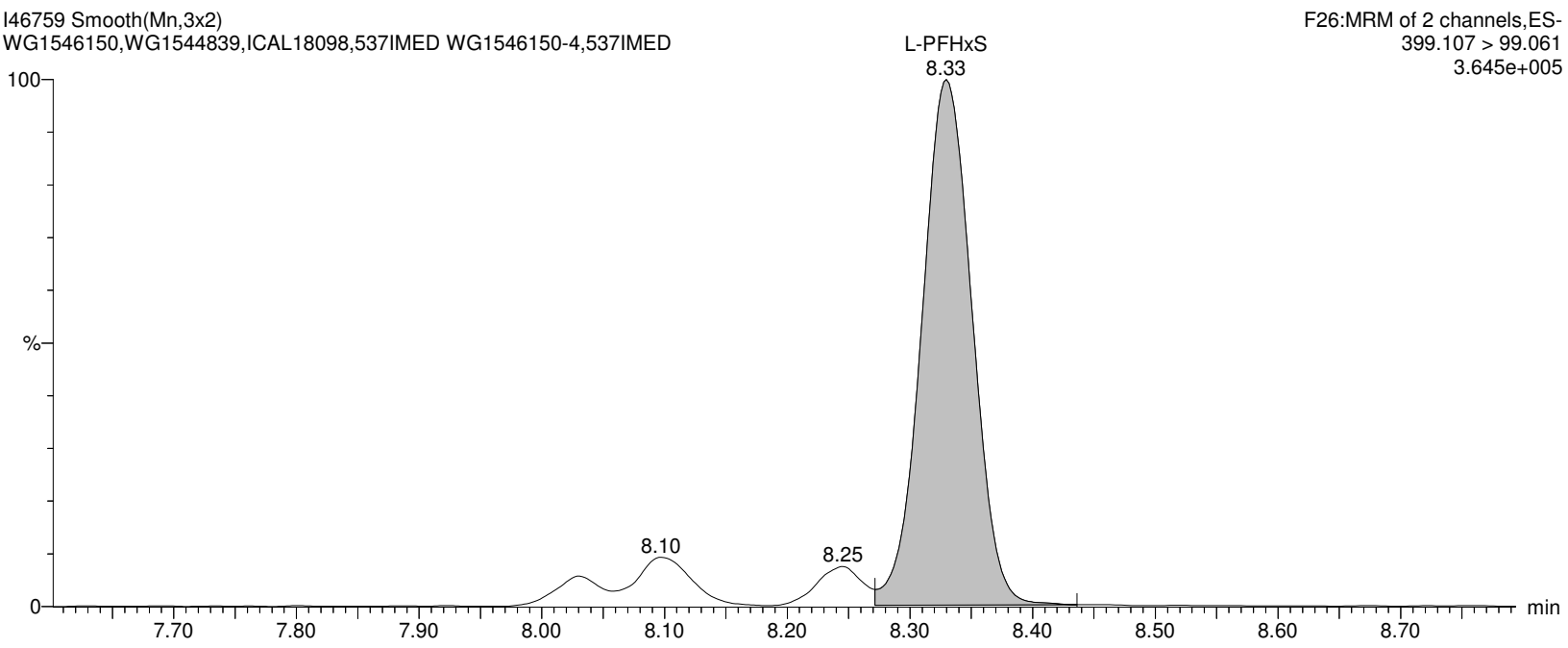
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFHxS



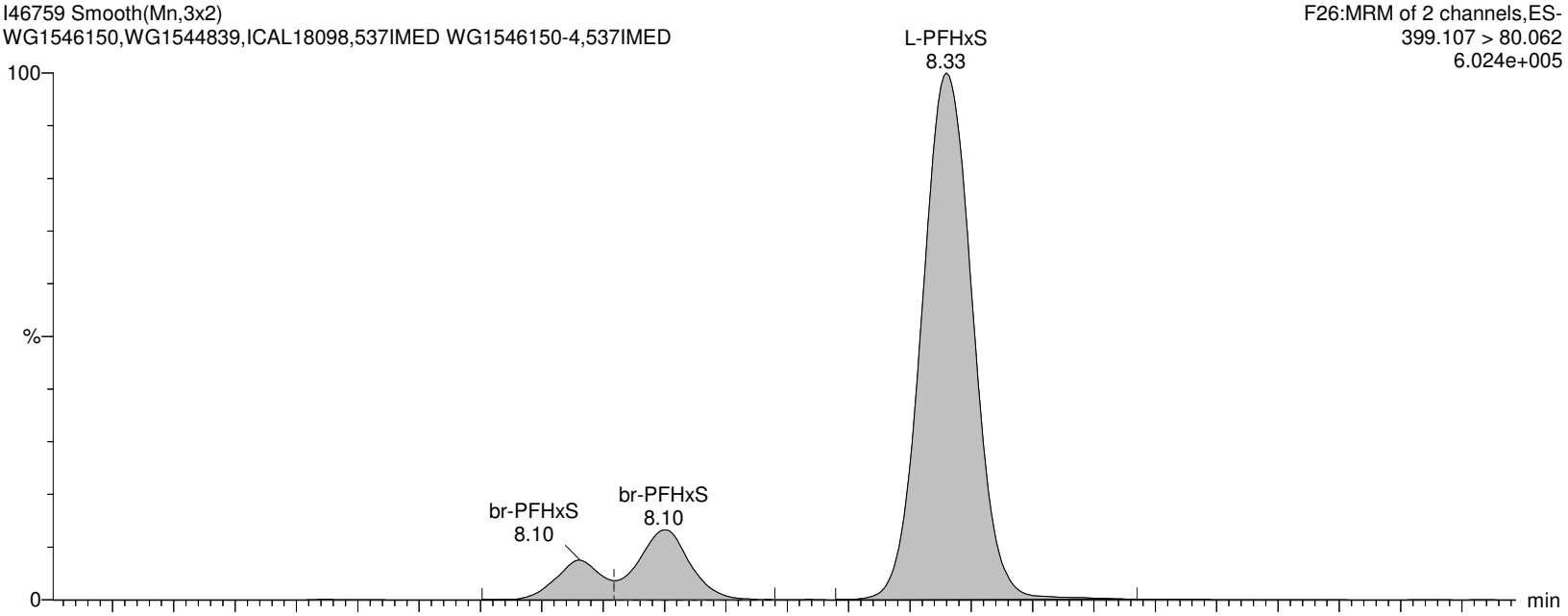


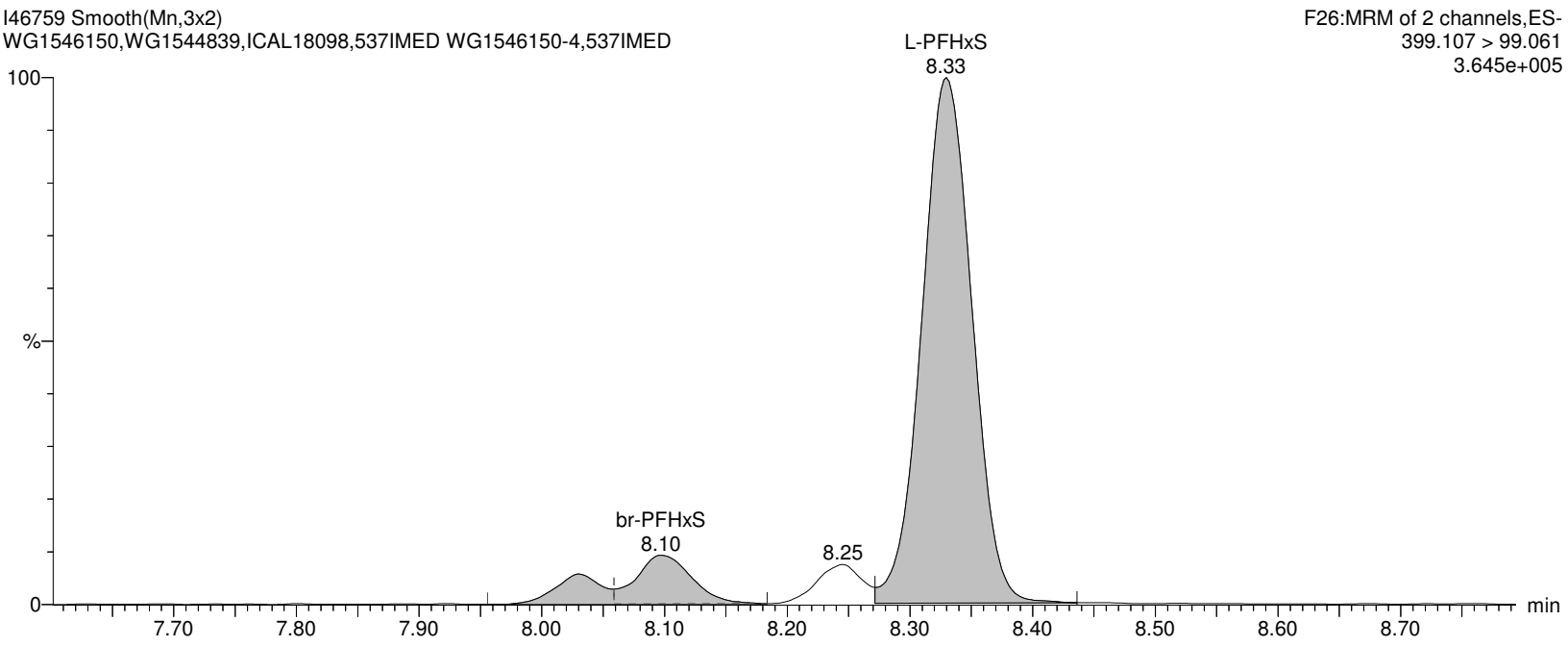
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxS



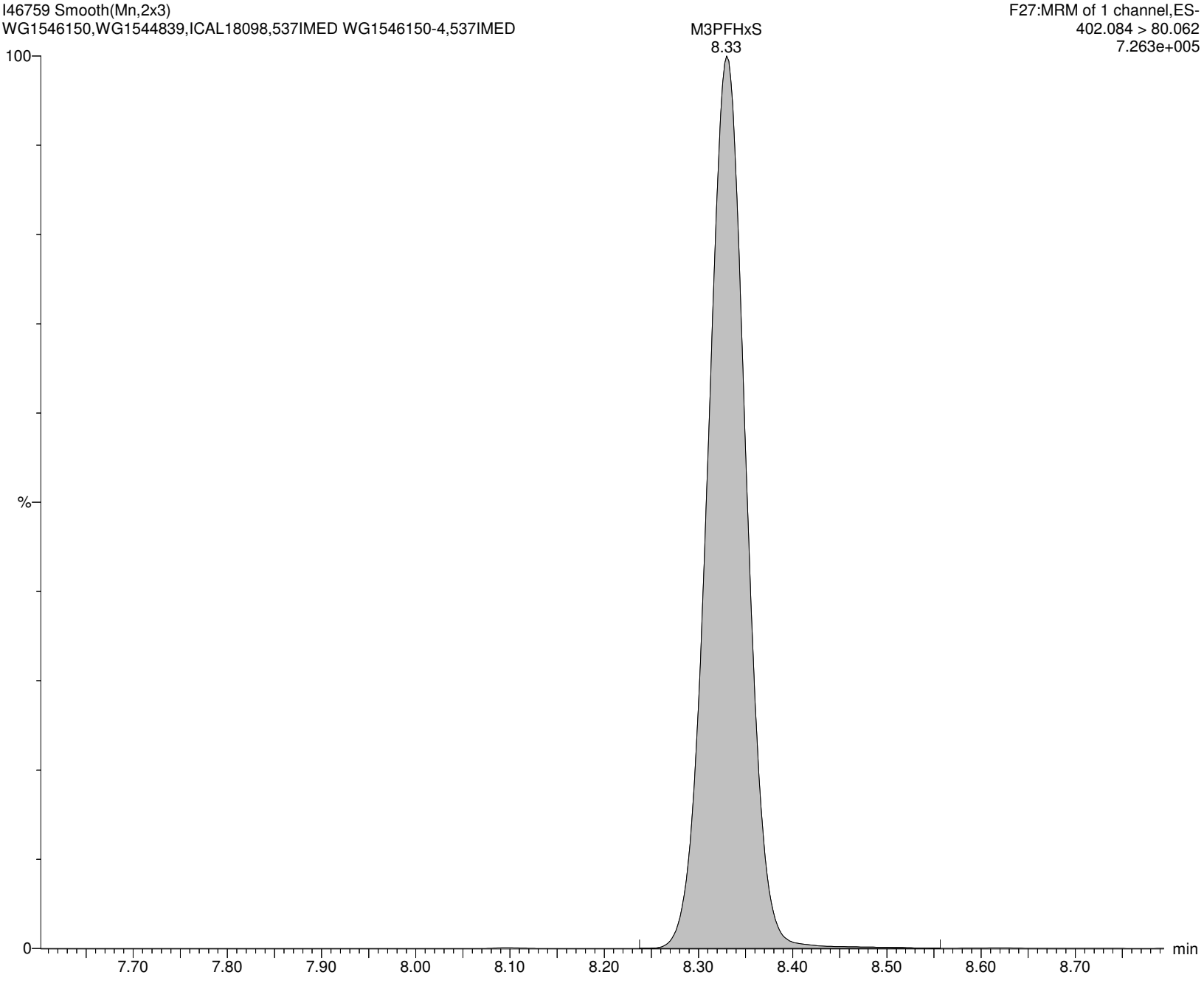


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFHxS

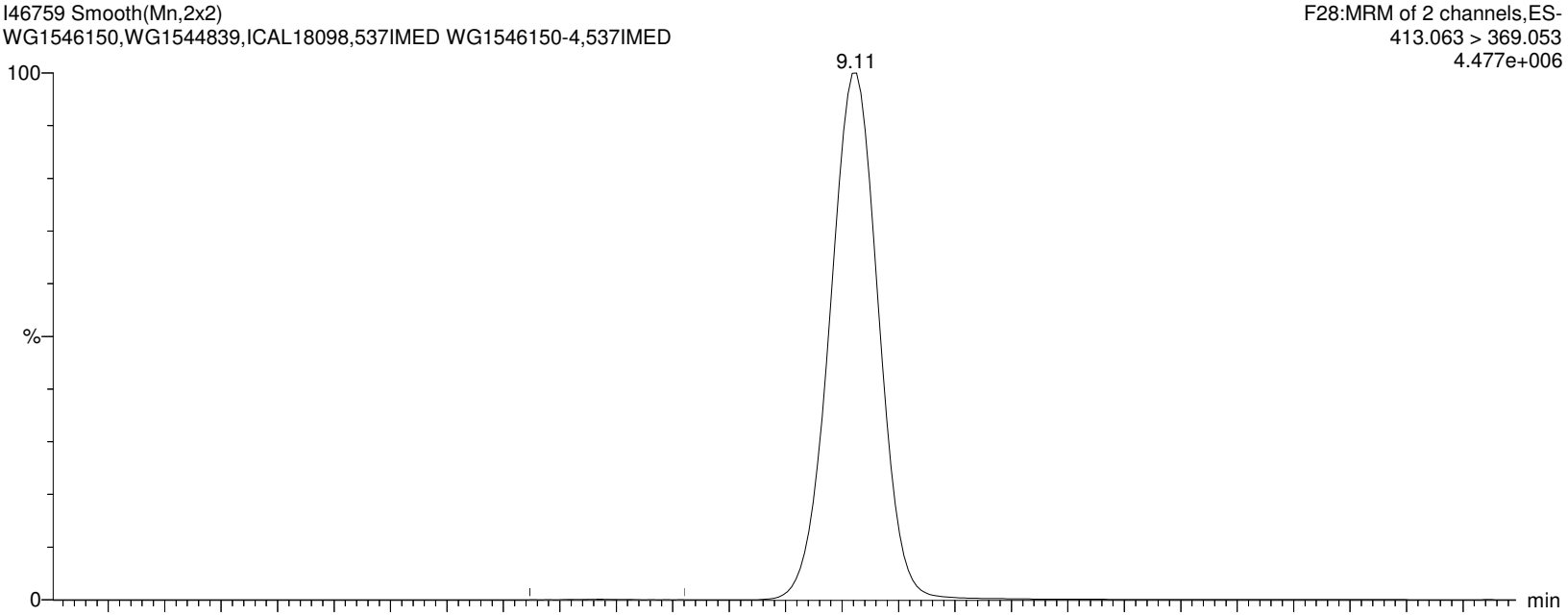


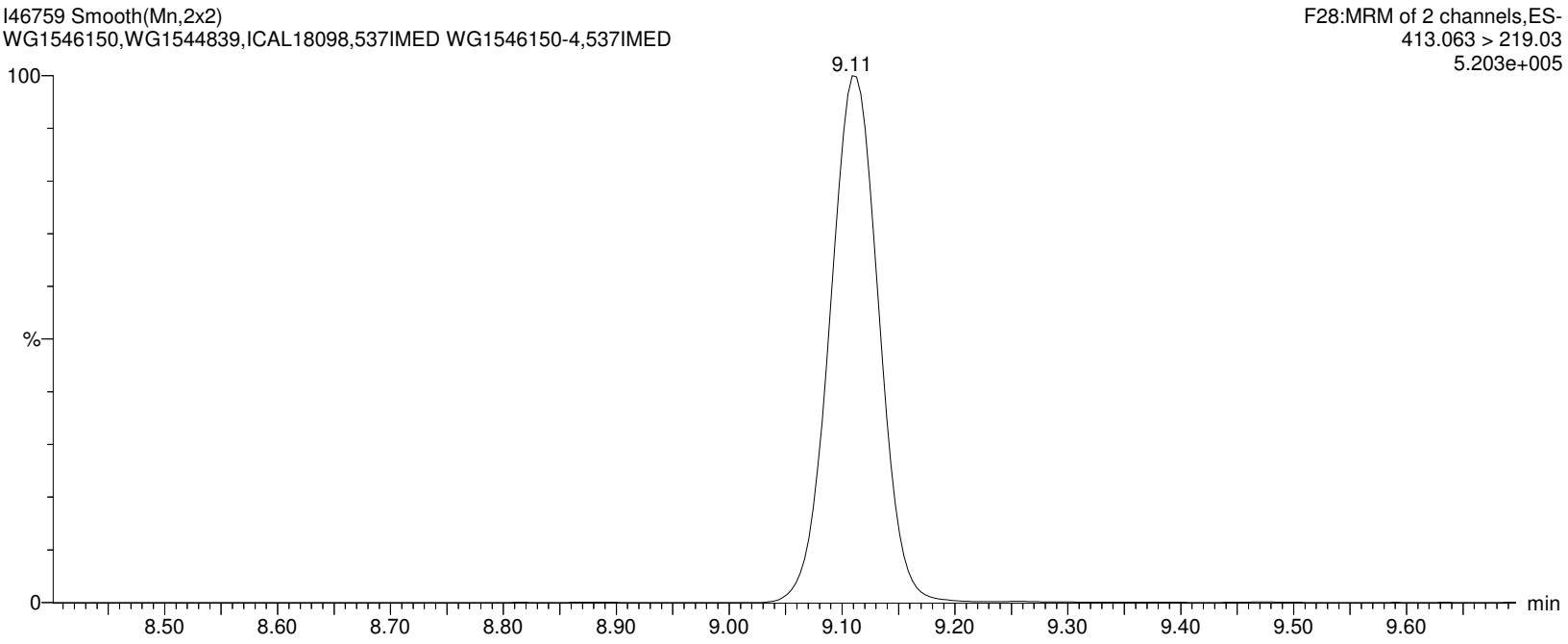
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOA



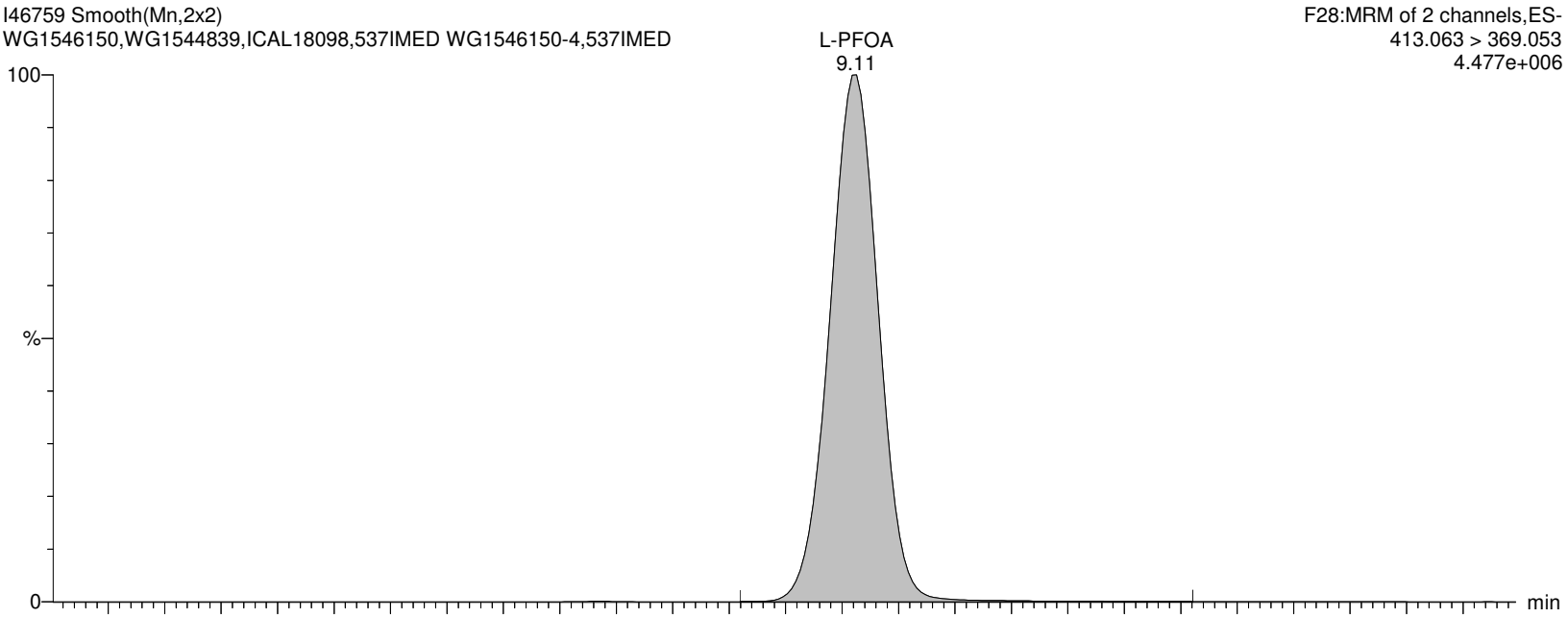


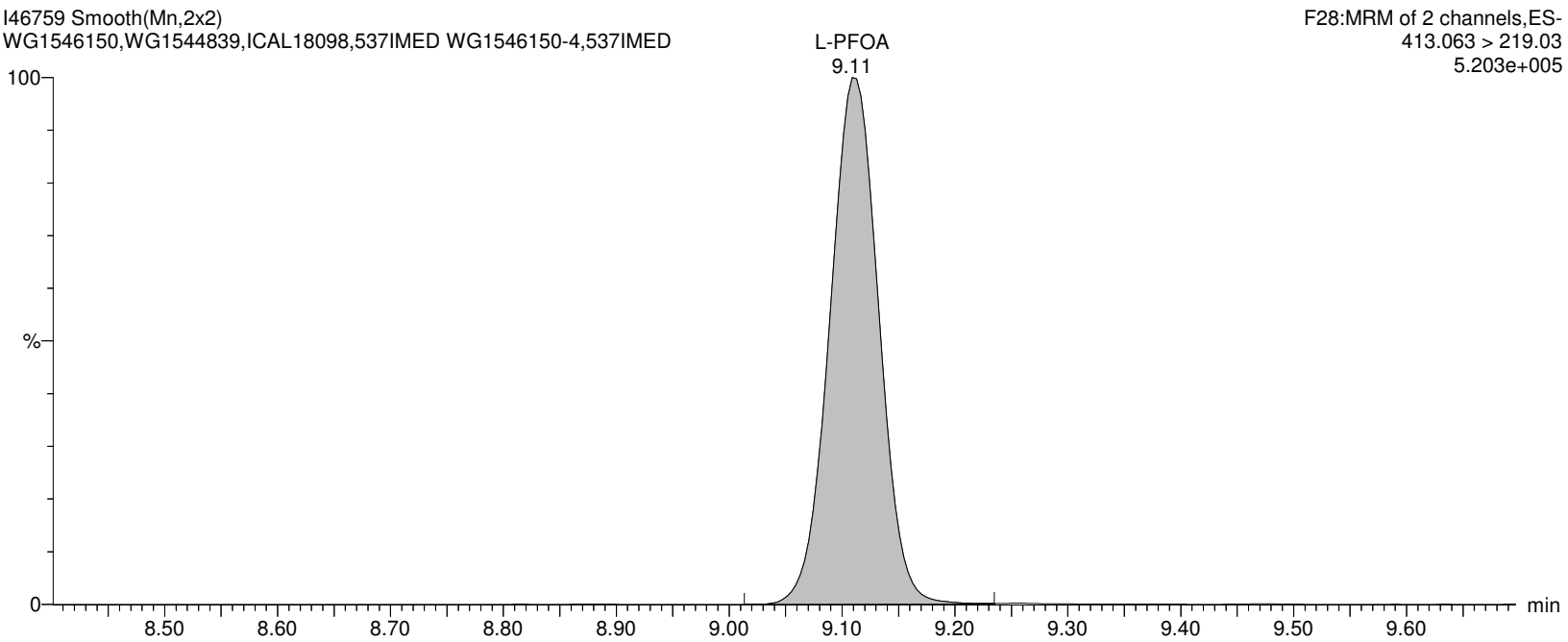
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOA



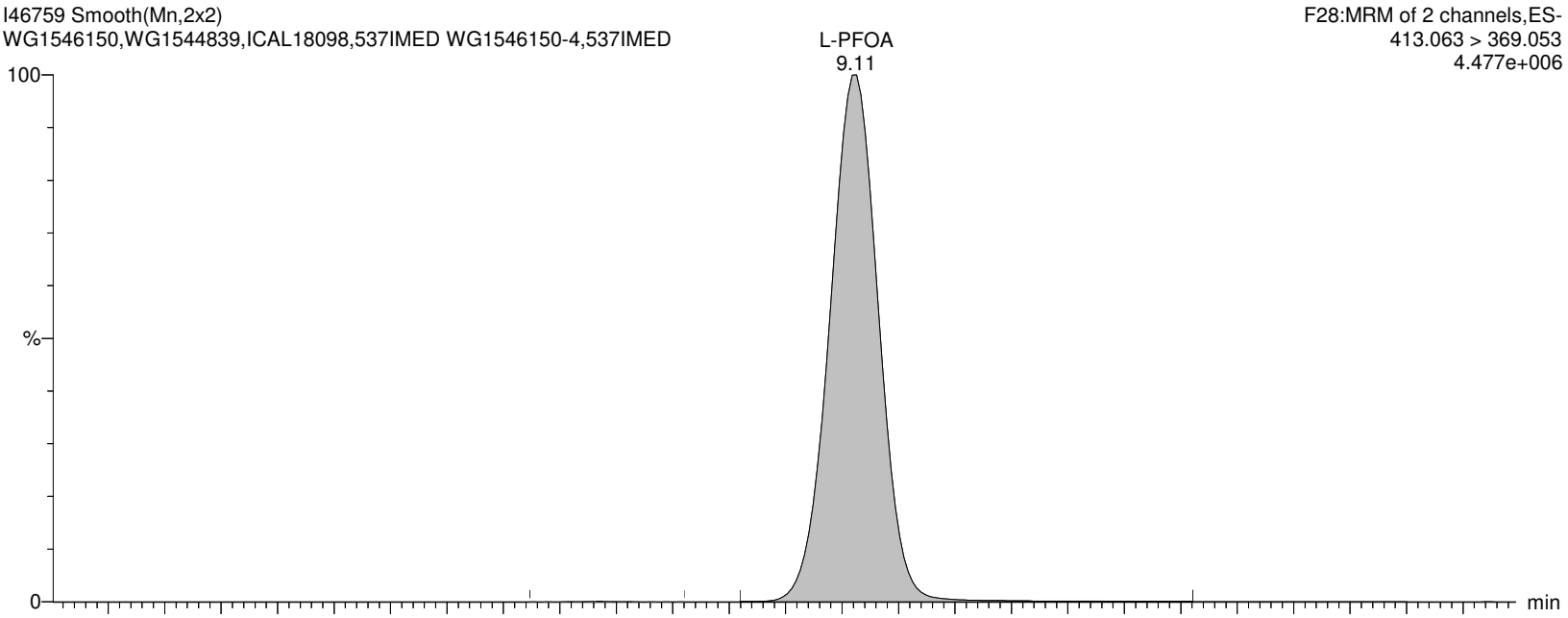


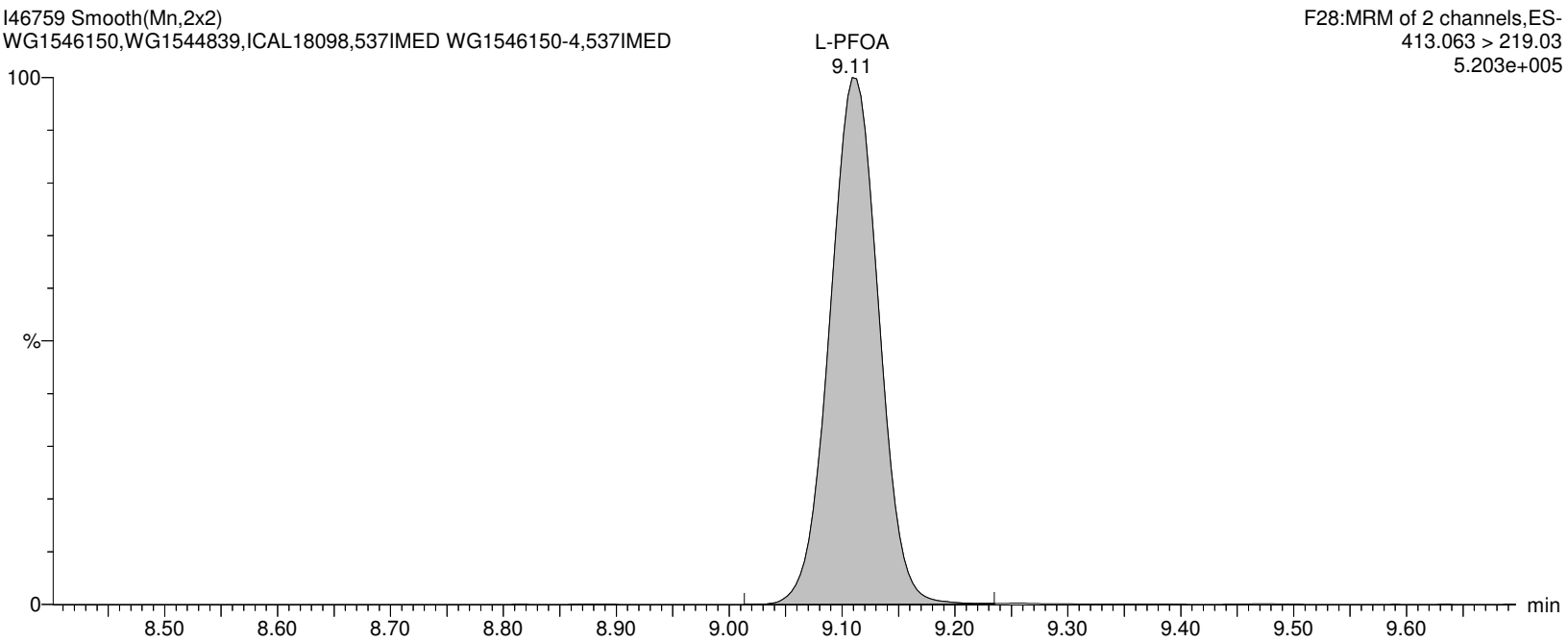
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOA



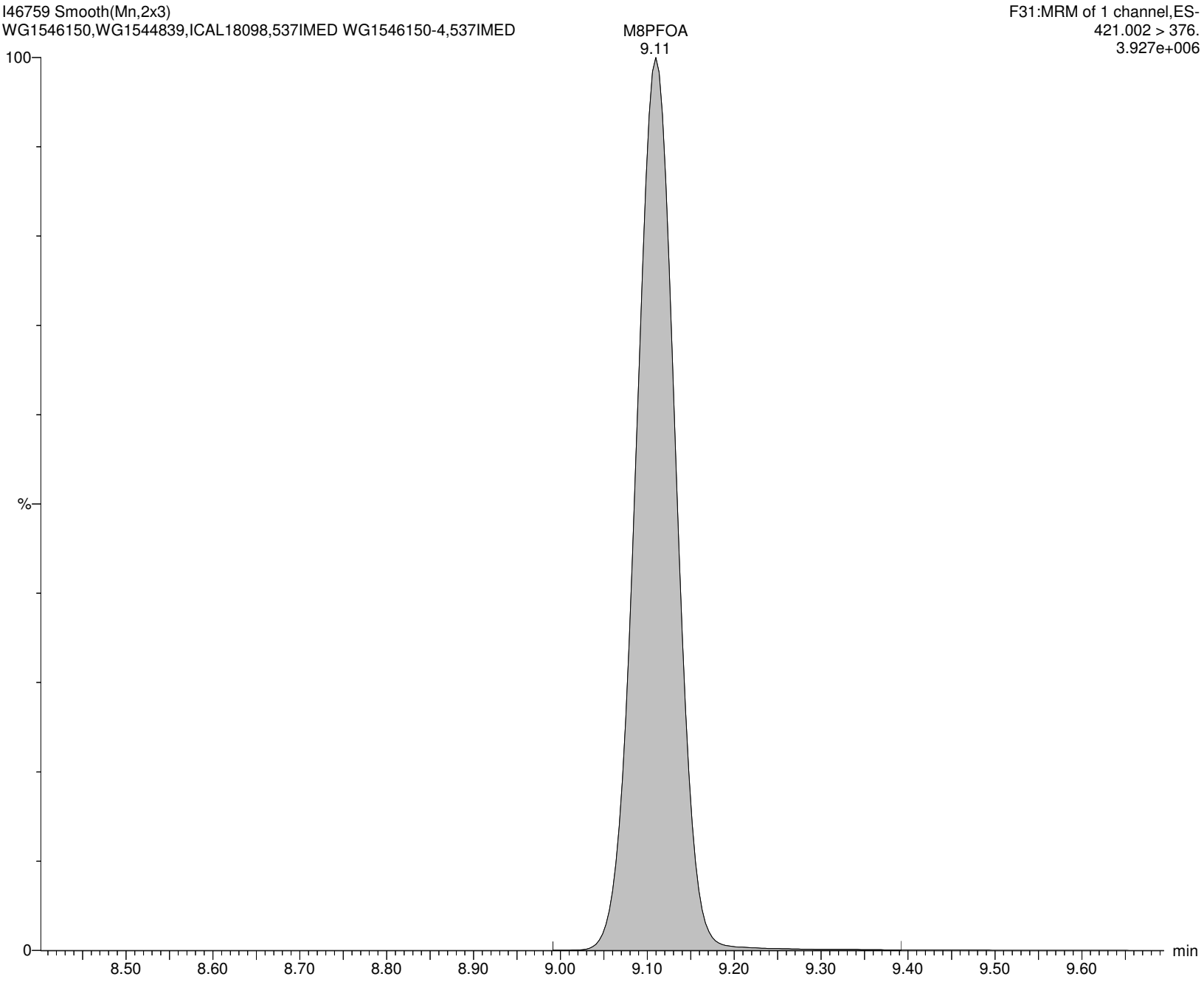


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOA

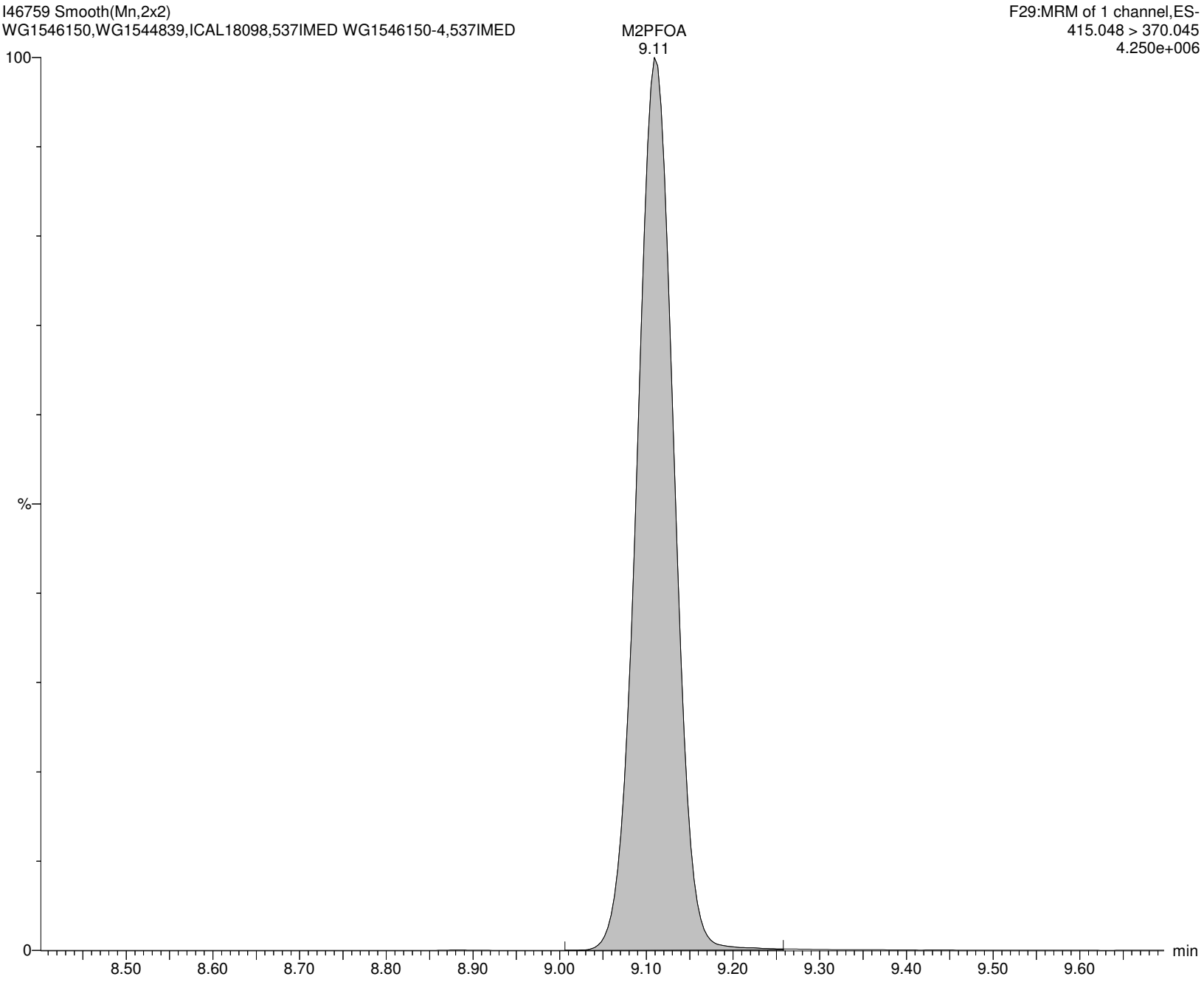


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFOA

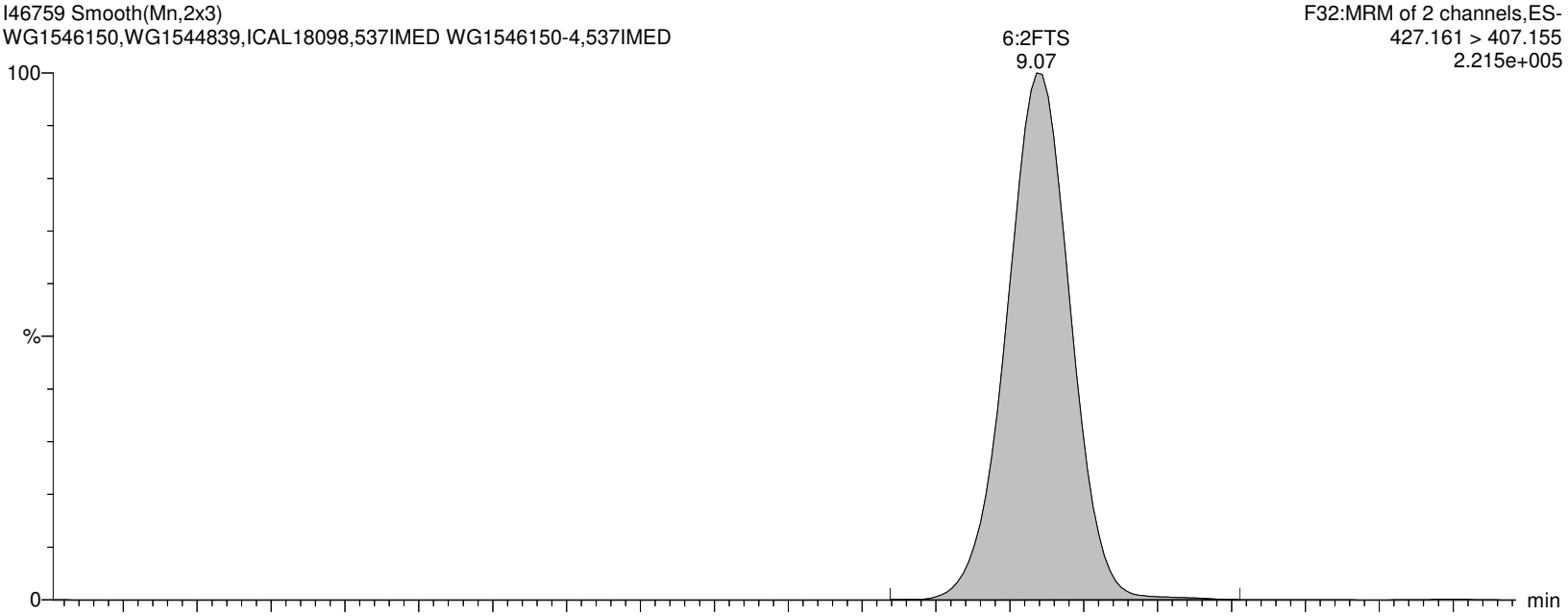


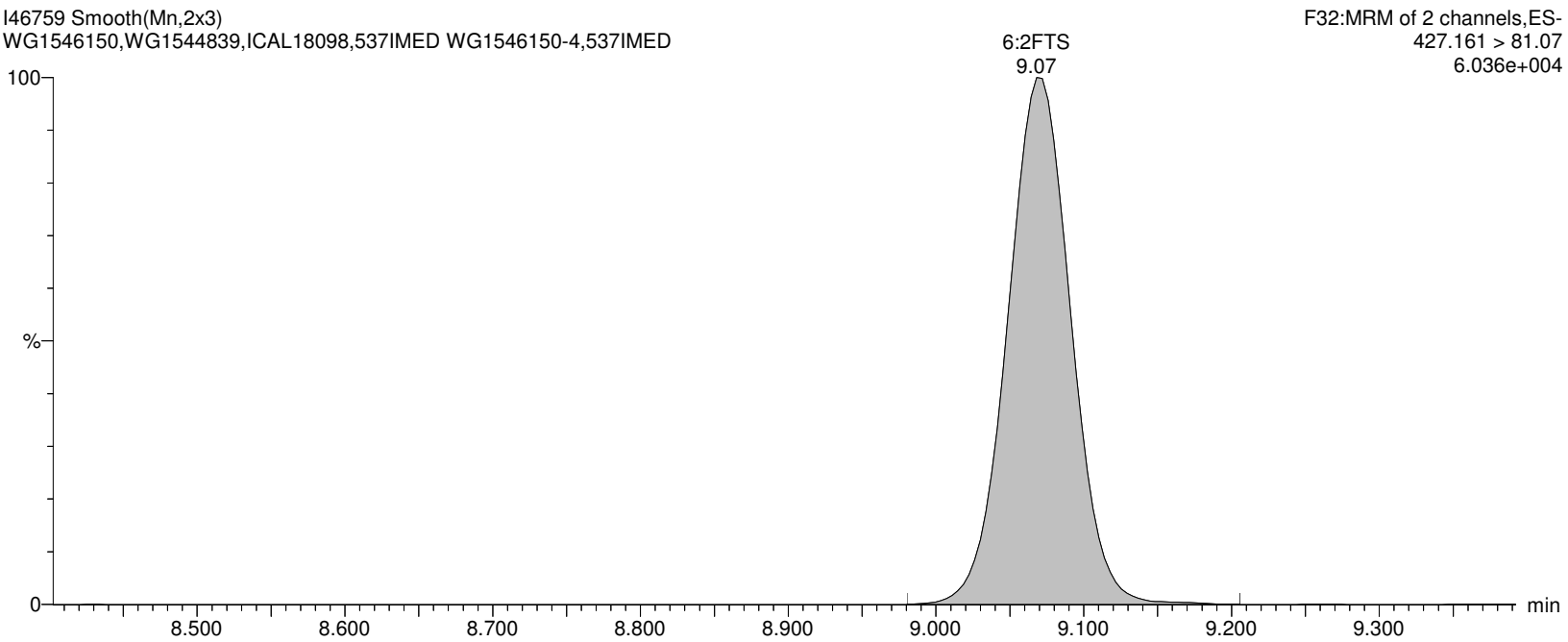
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

6:2FTS



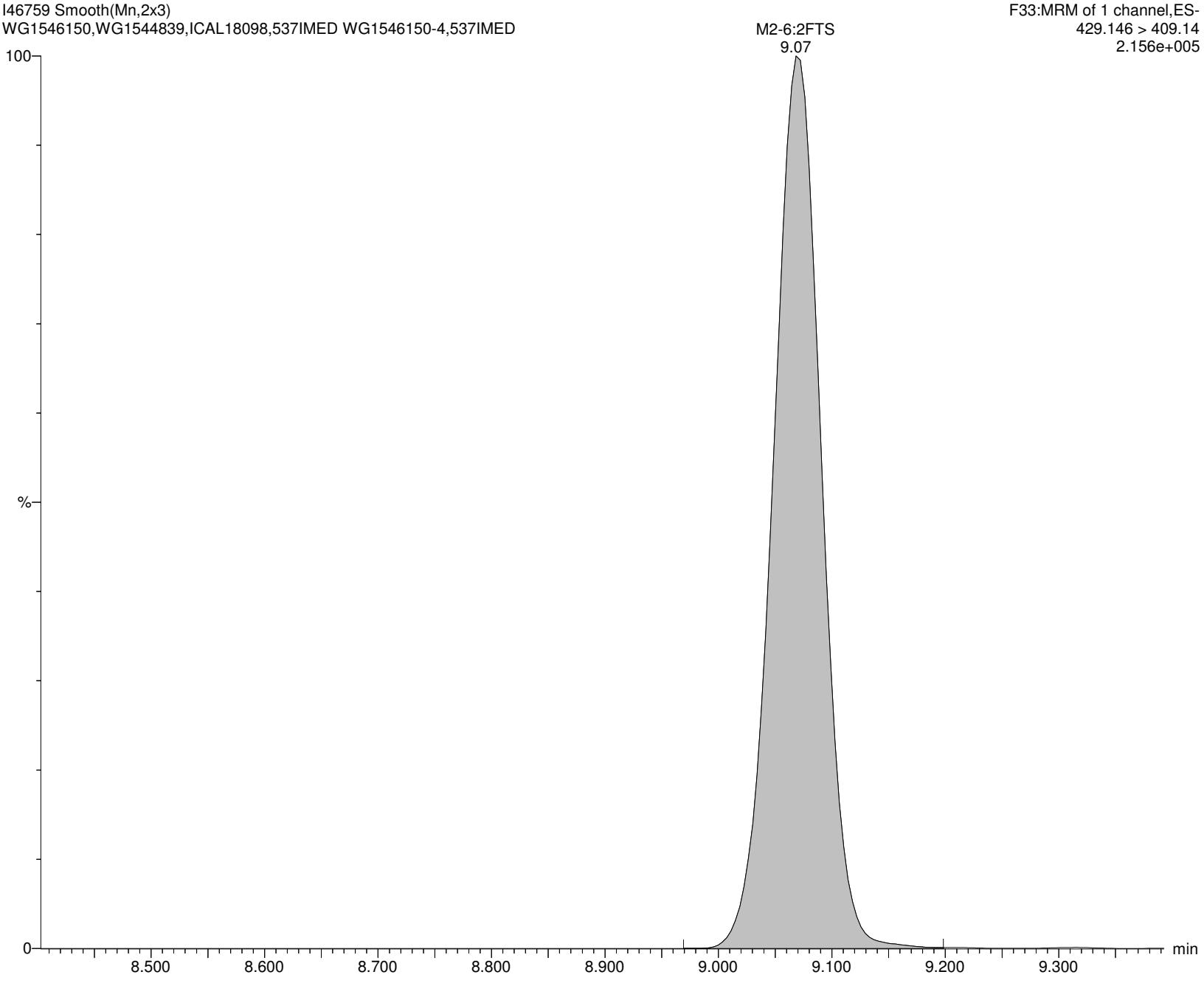


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-6:2FTS

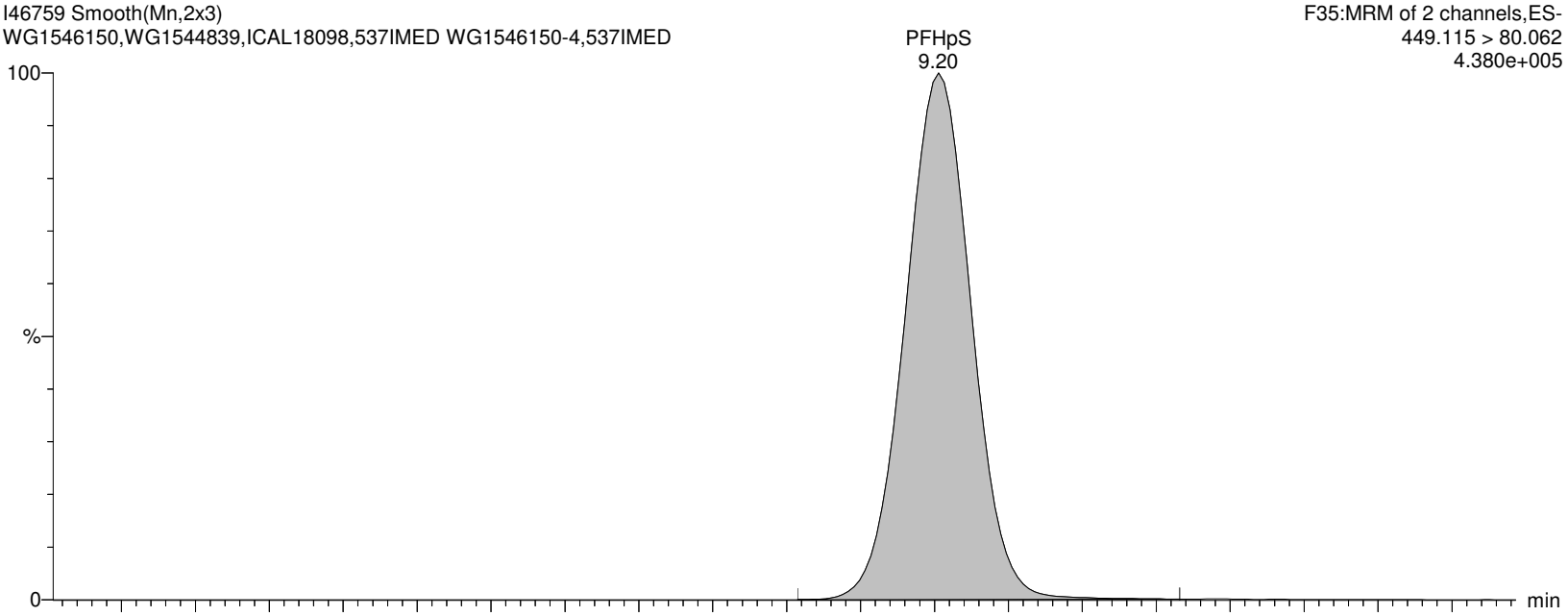


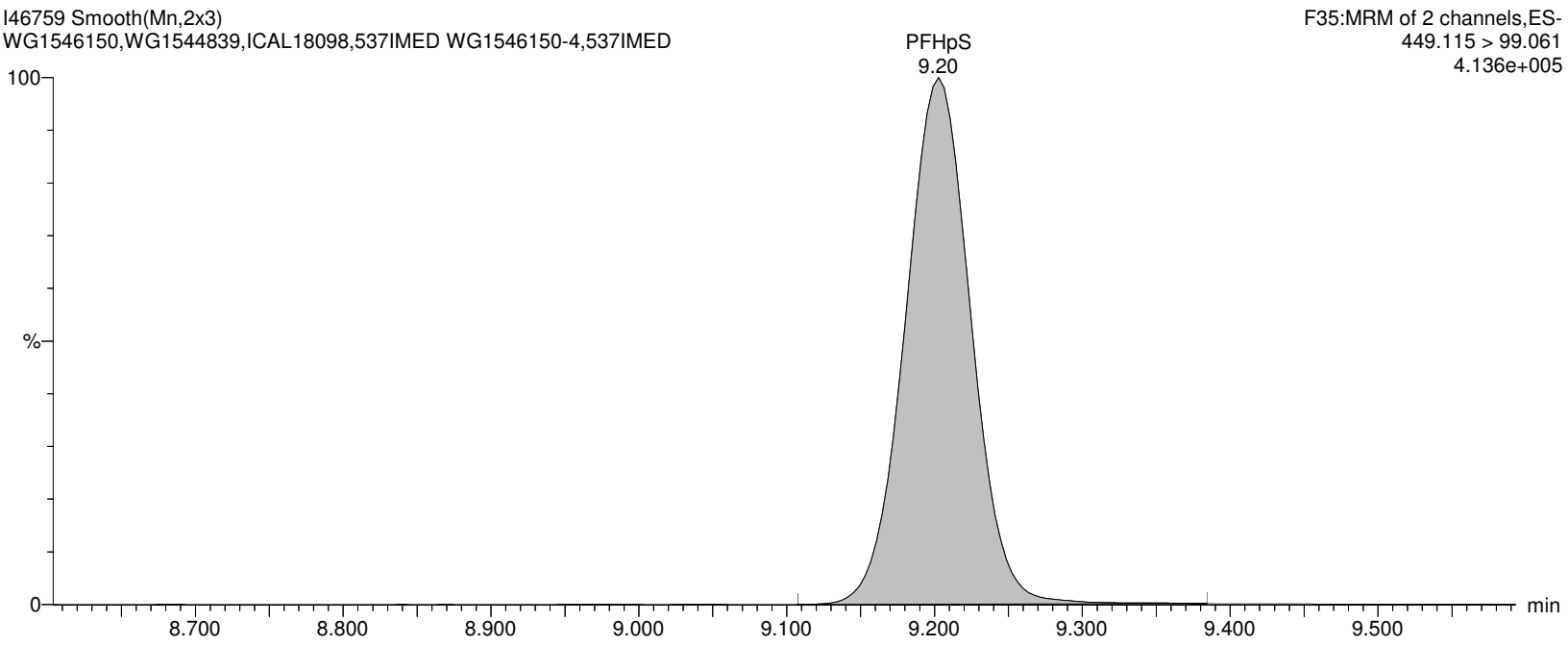
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpS



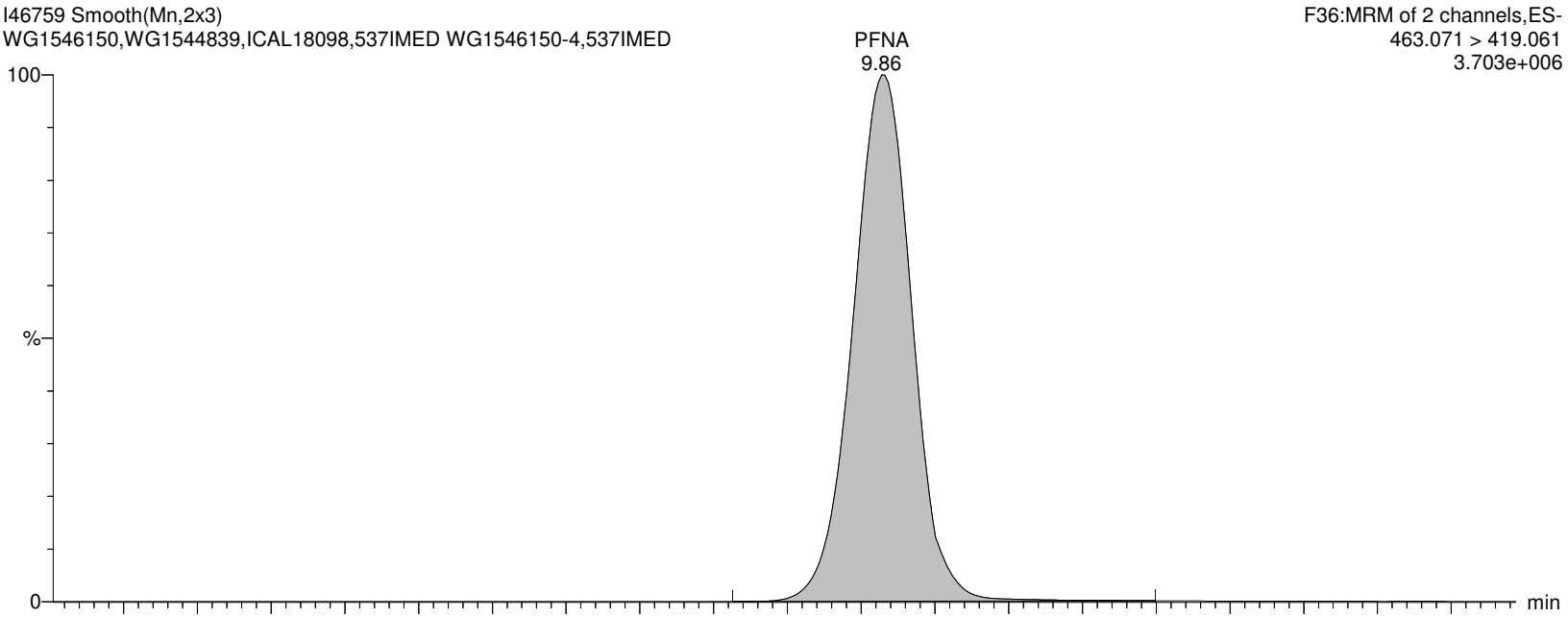


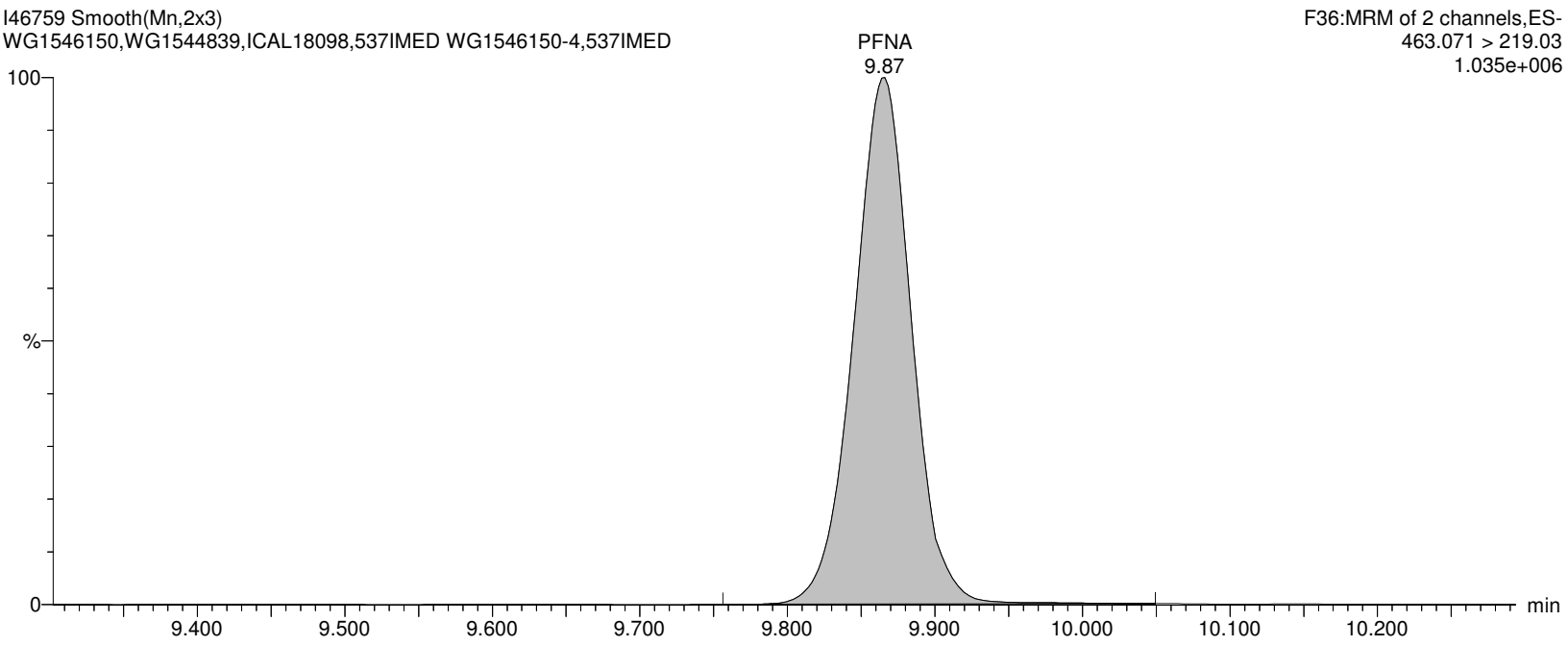
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNA



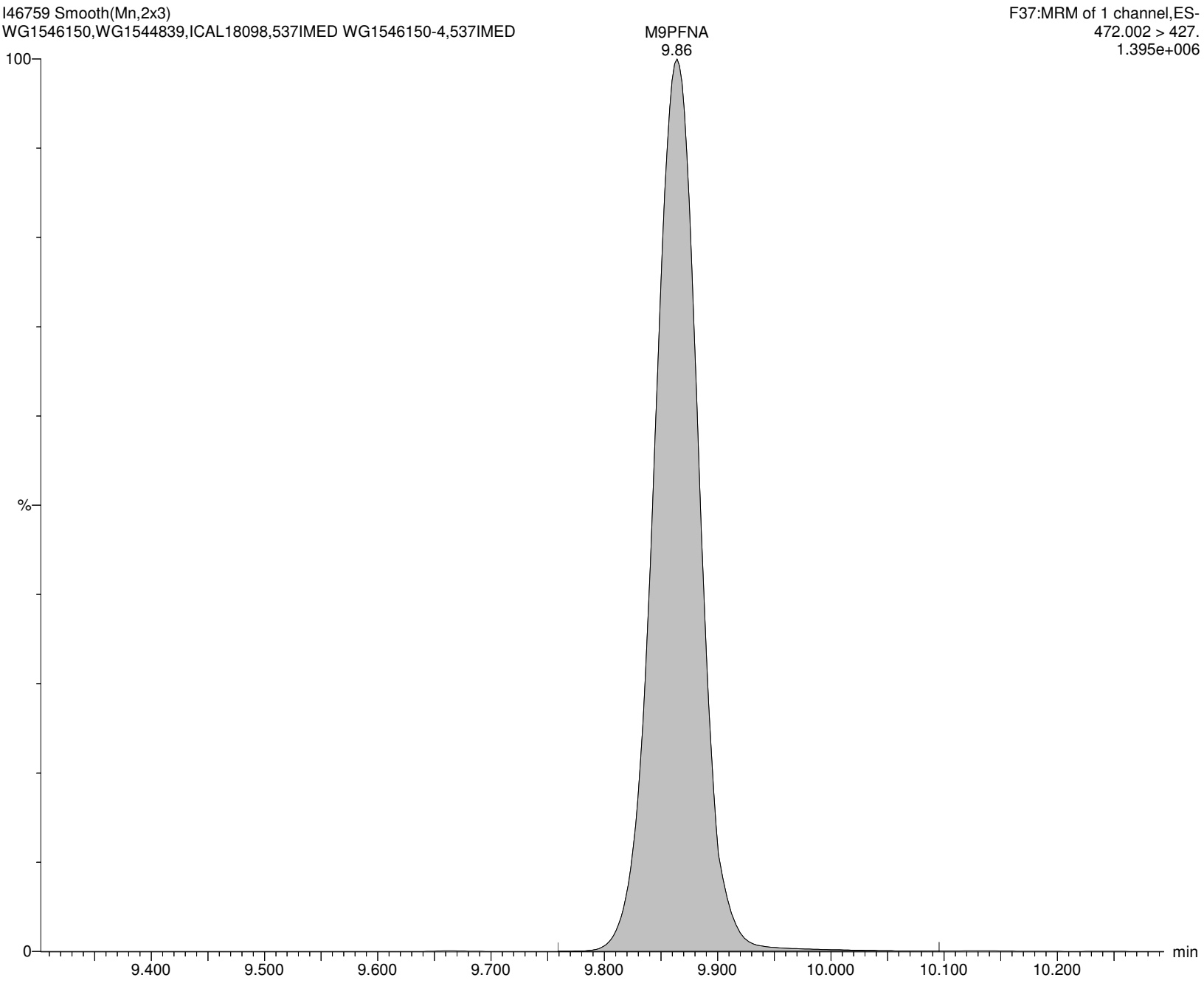


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M9PFNA

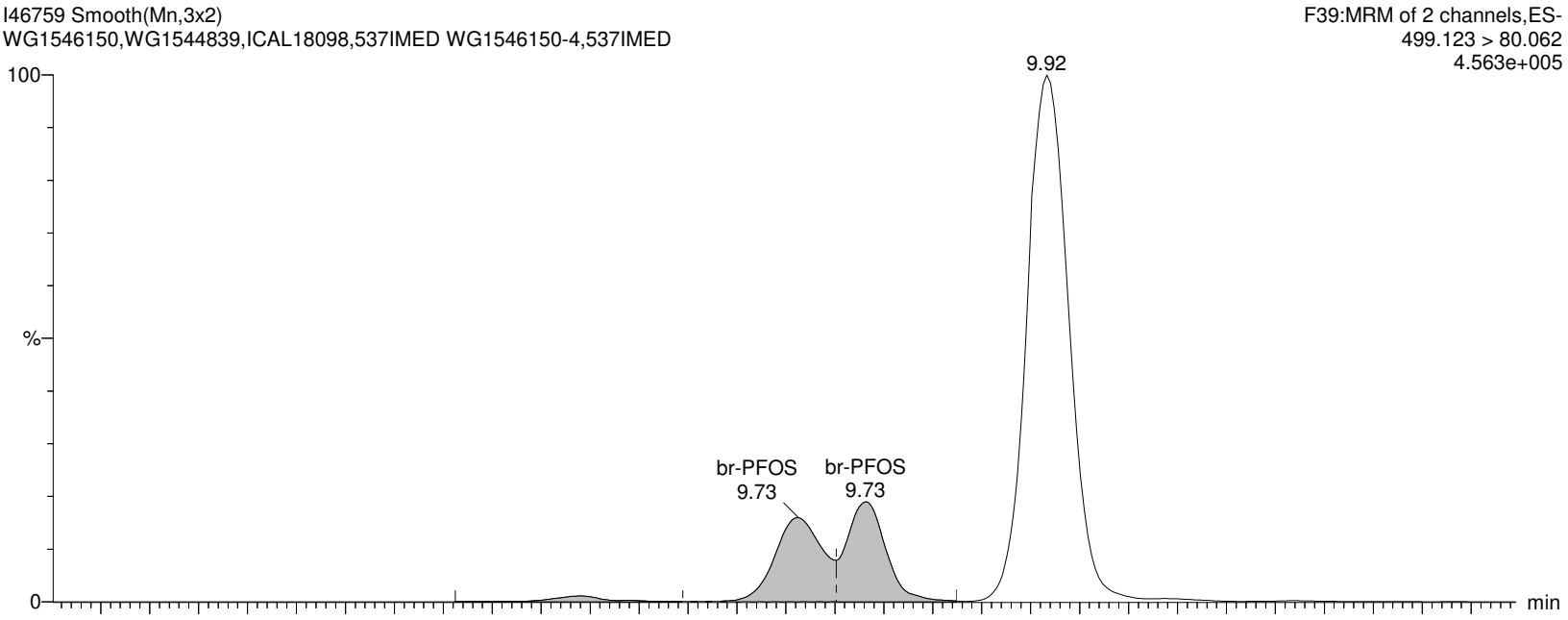


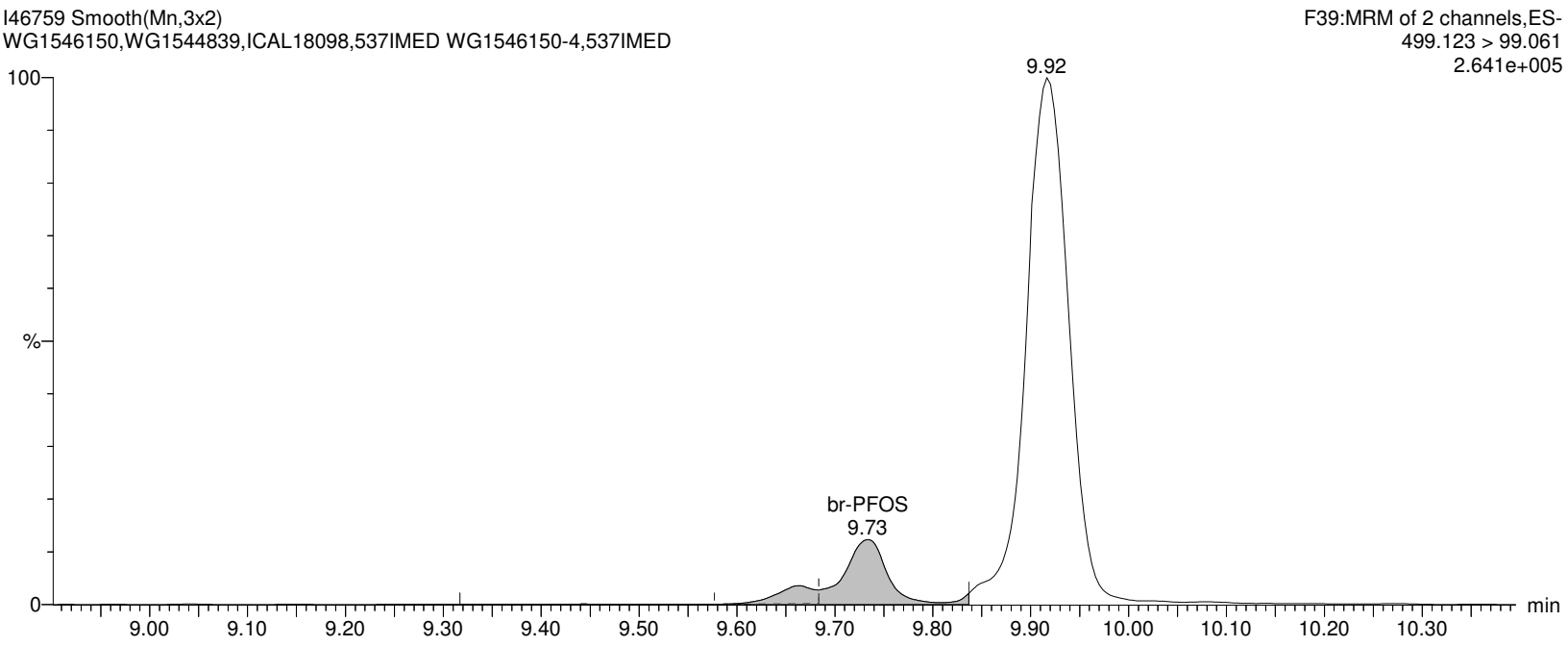
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOS



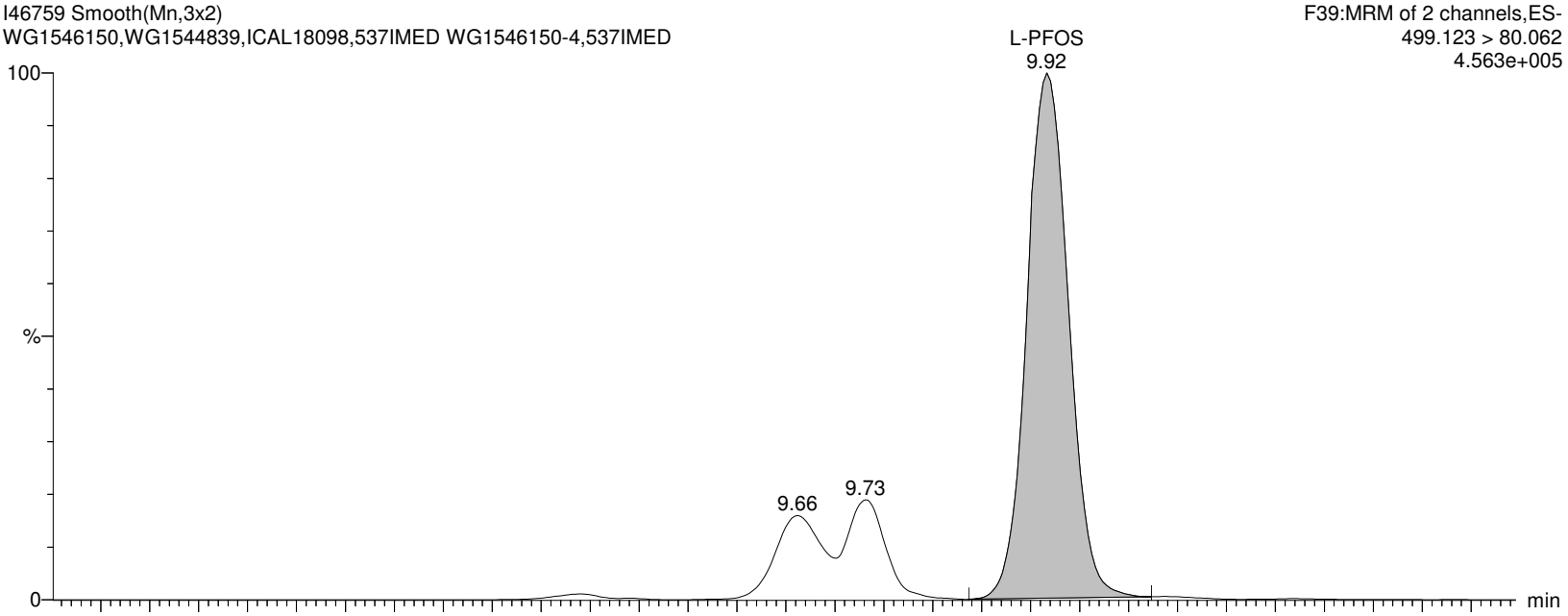


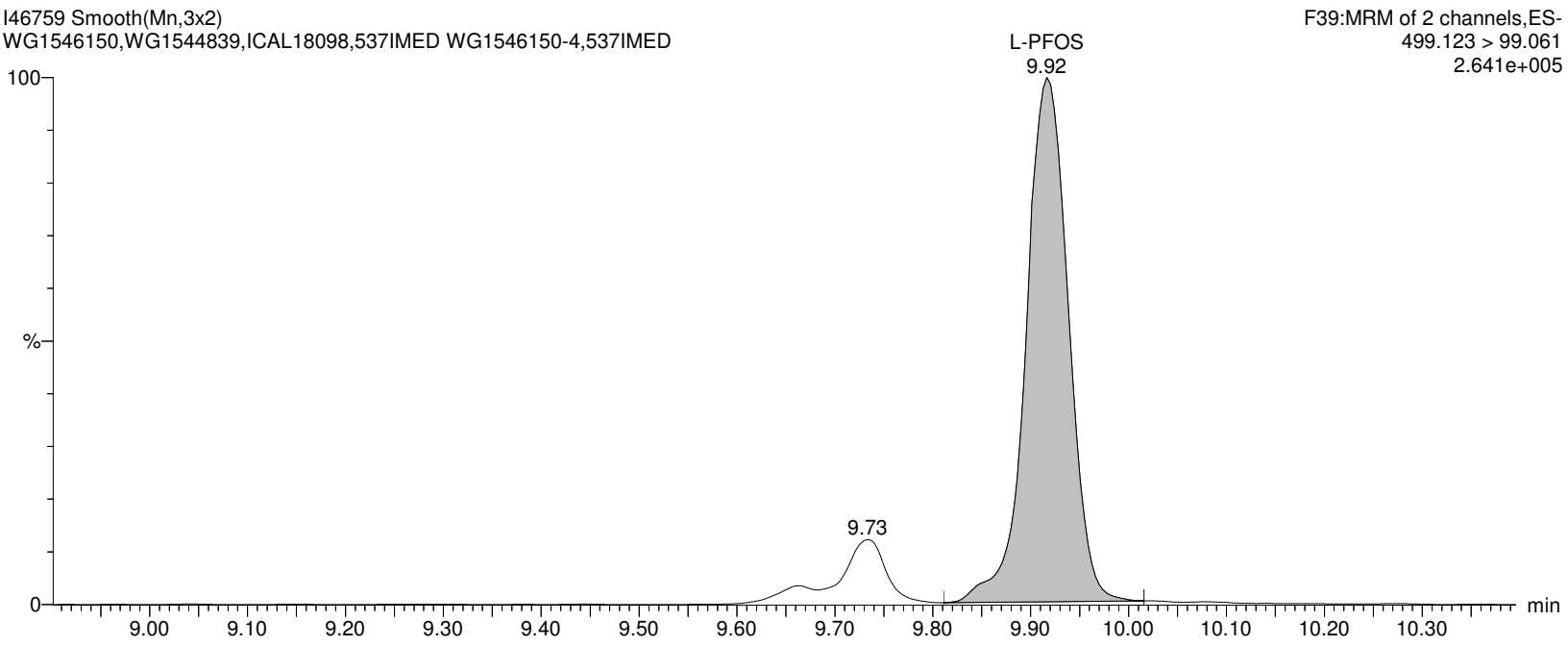
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOS



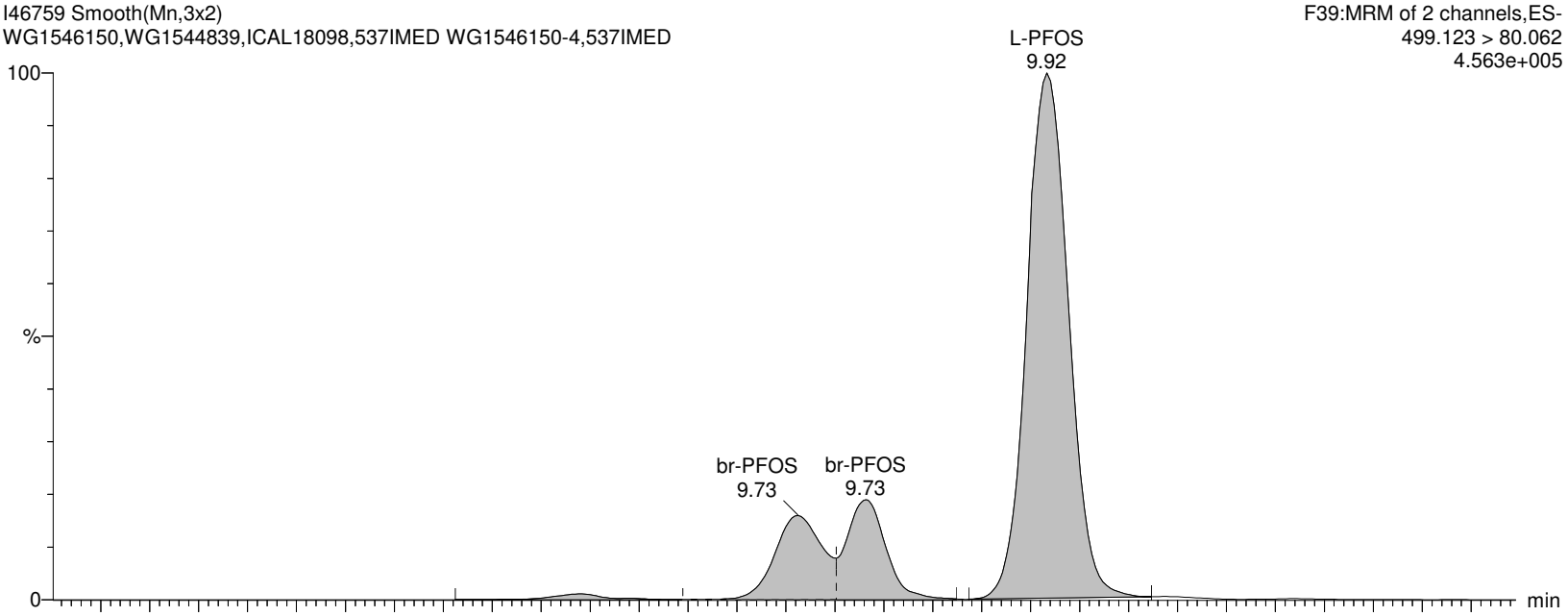


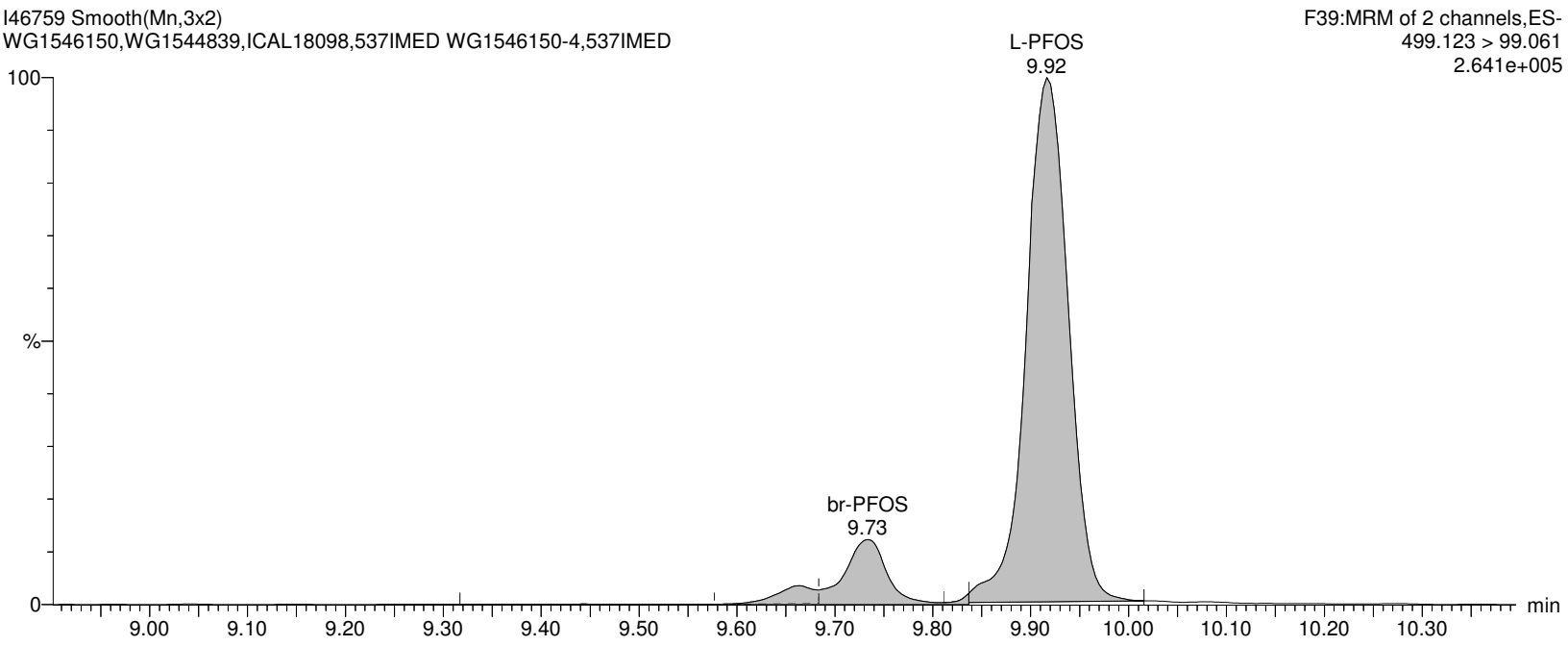
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOS



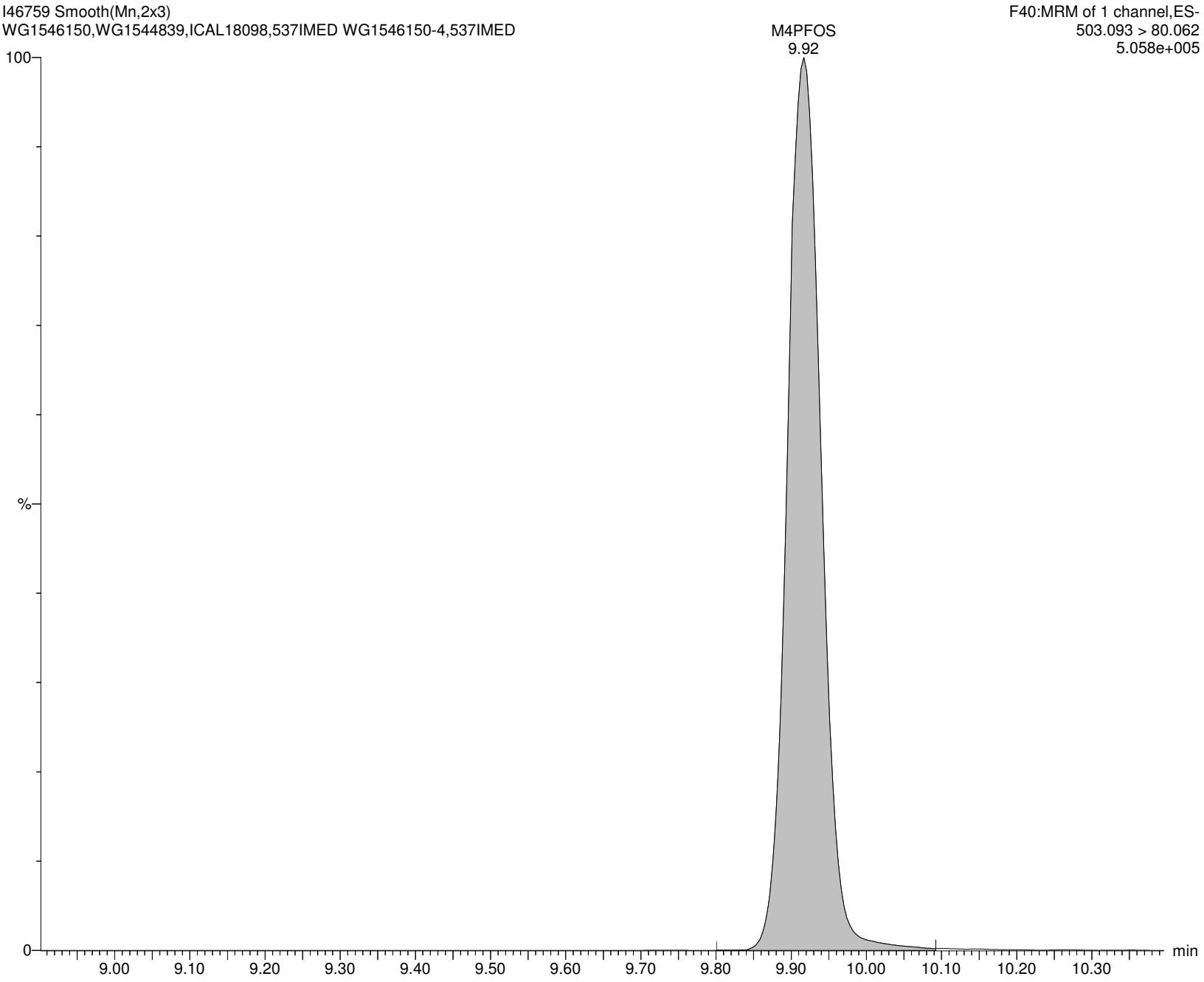


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOS

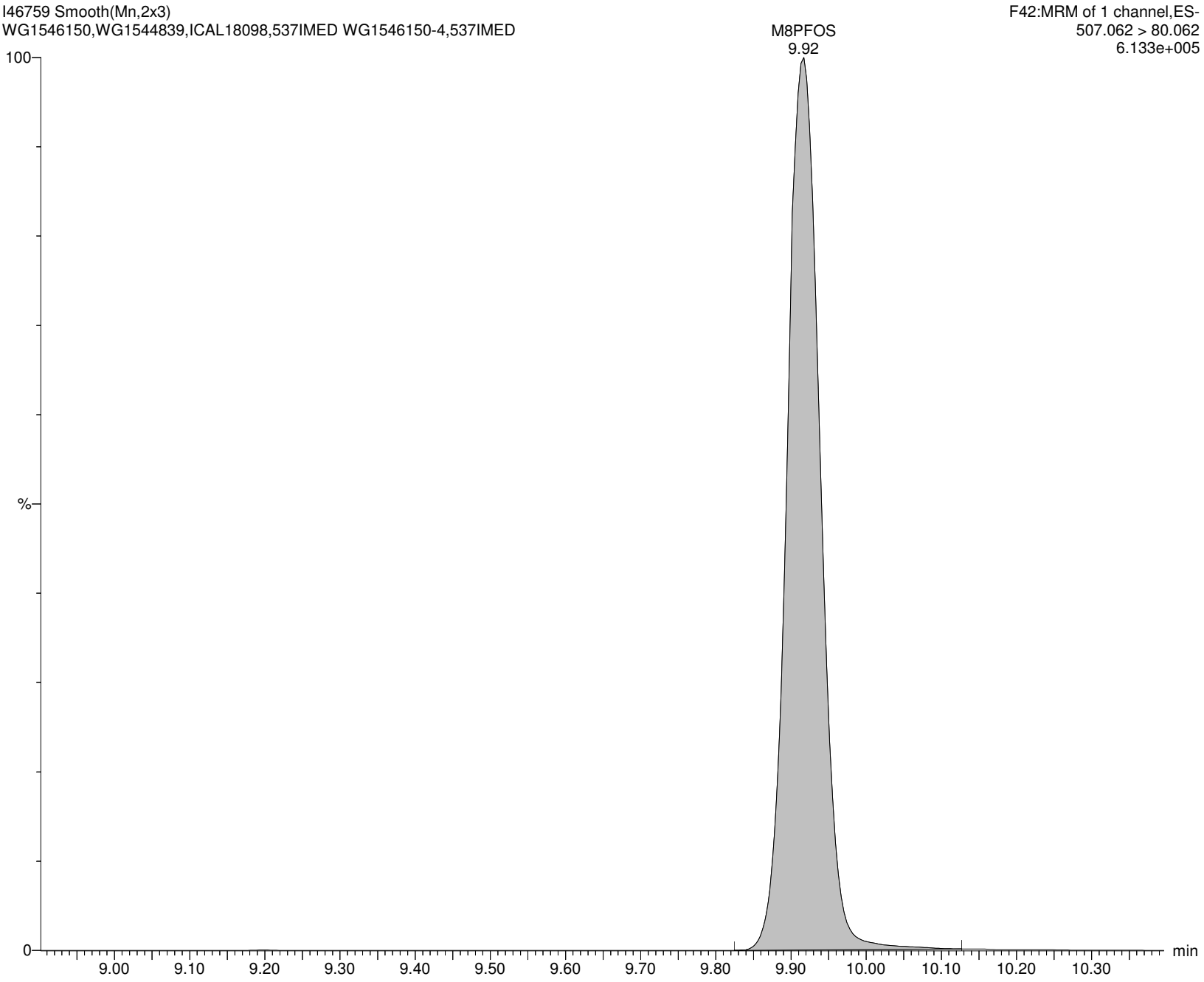


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOS

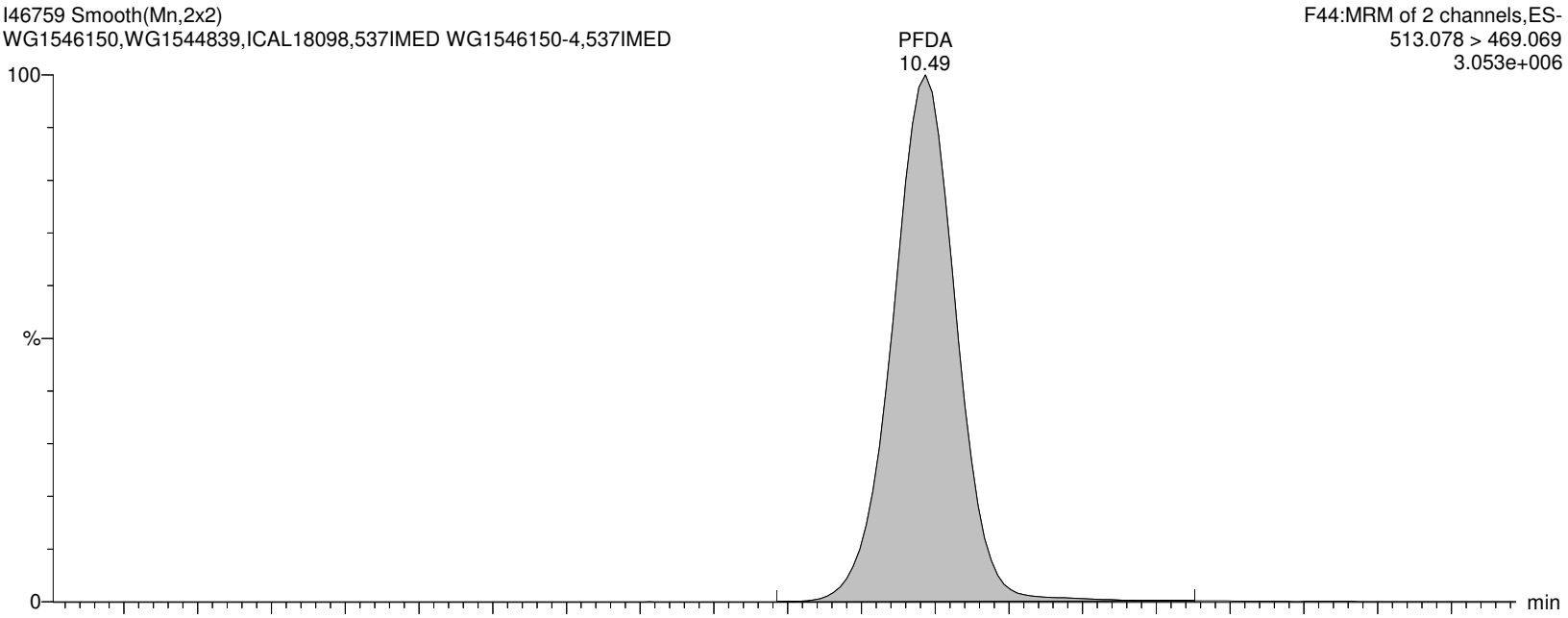


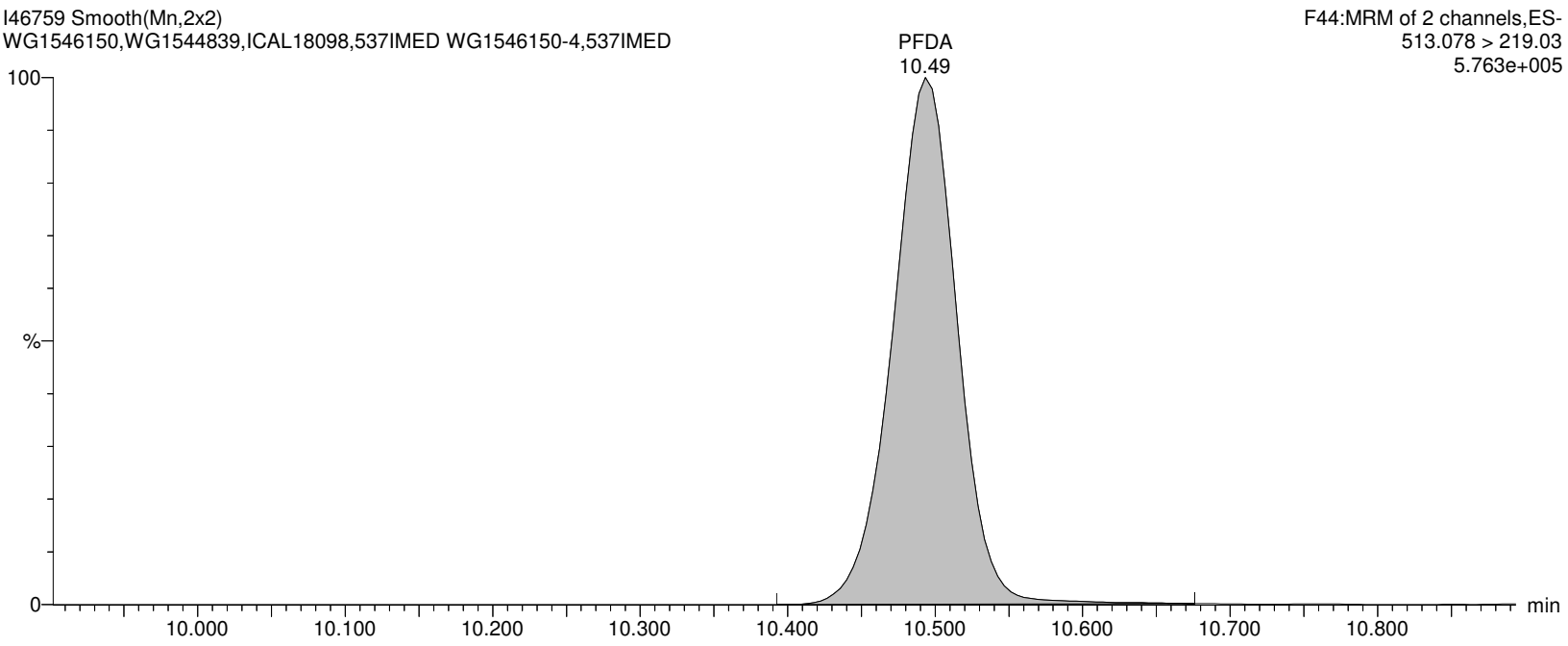
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDA



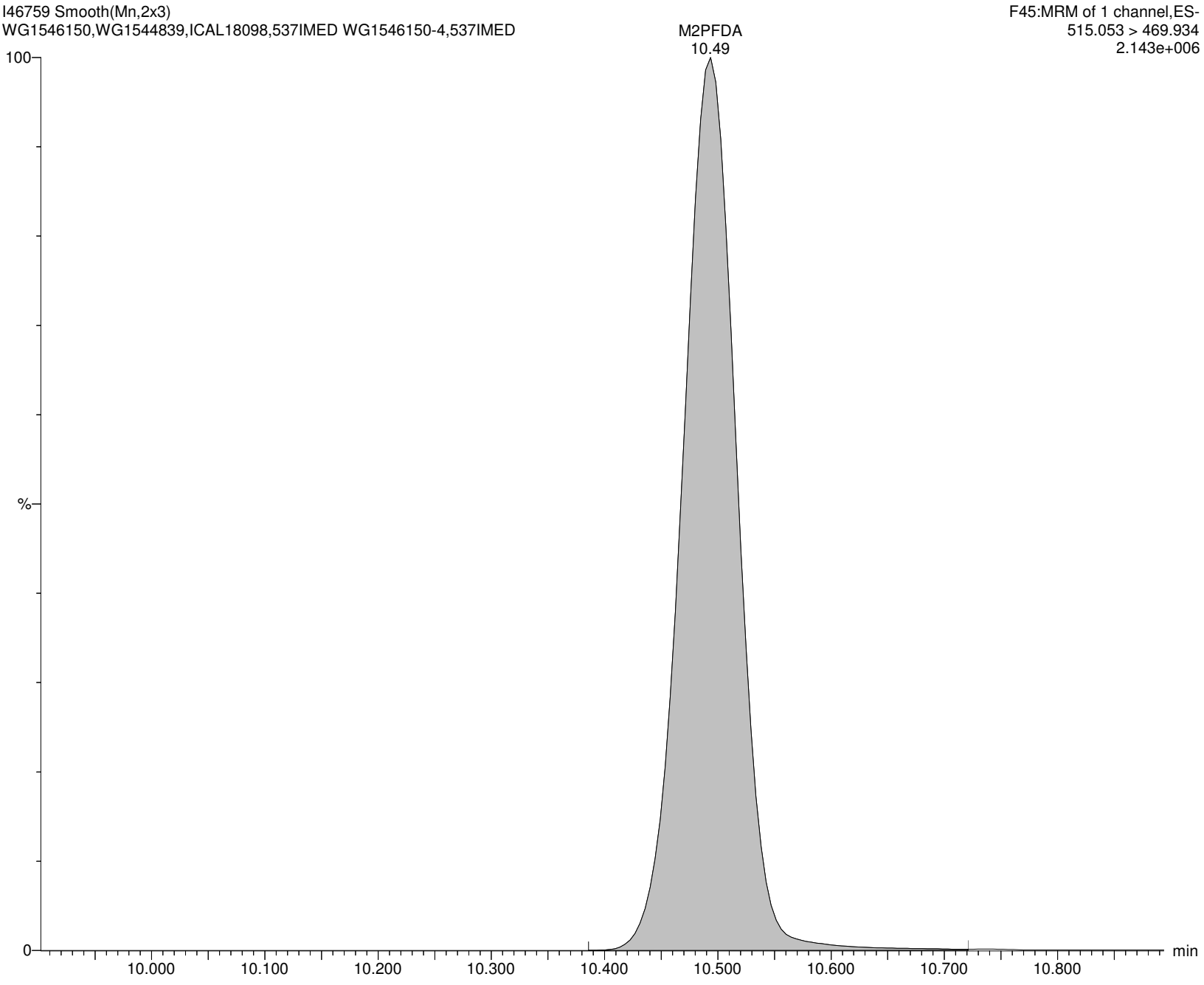


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFDA

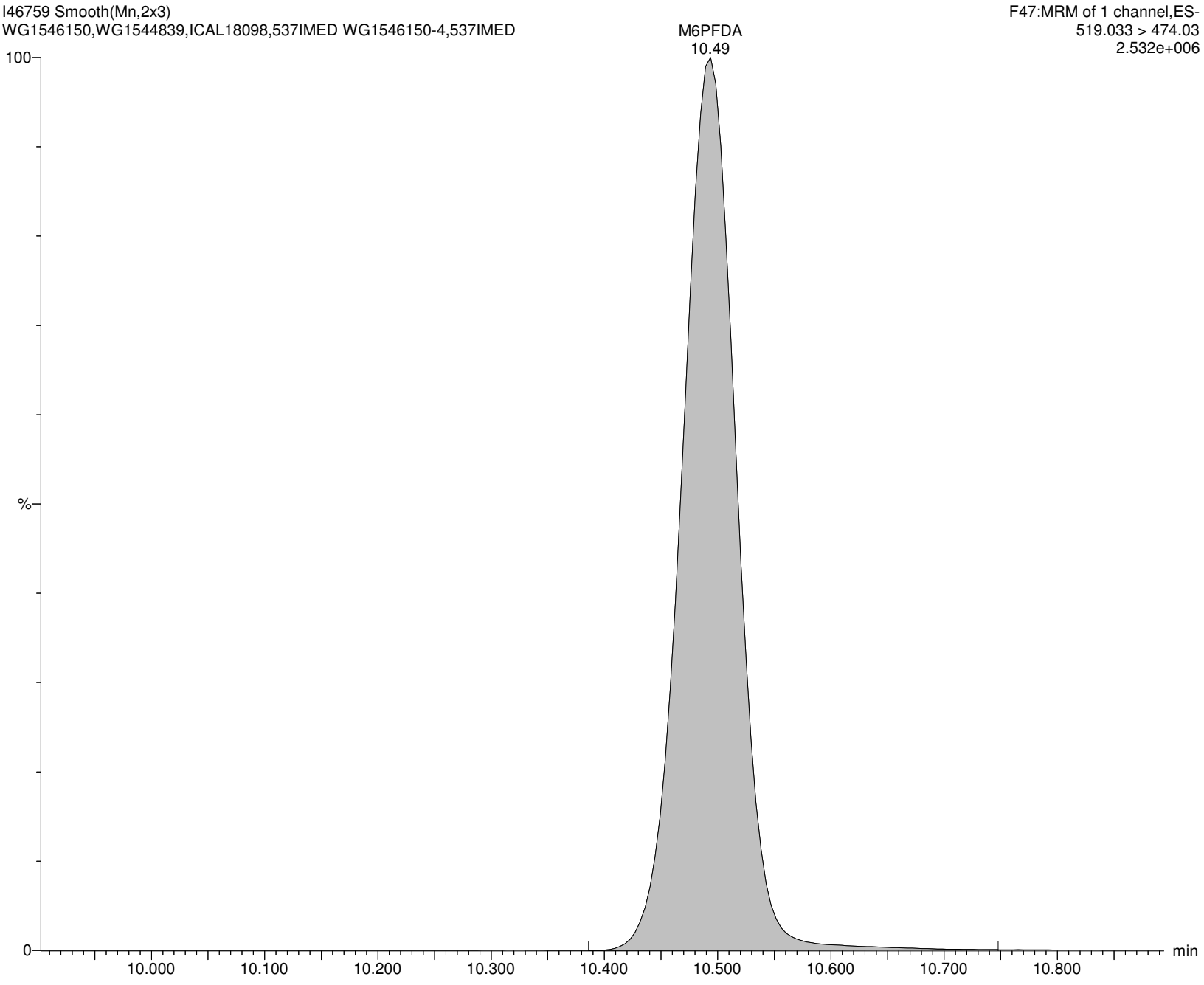


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M6PFDA

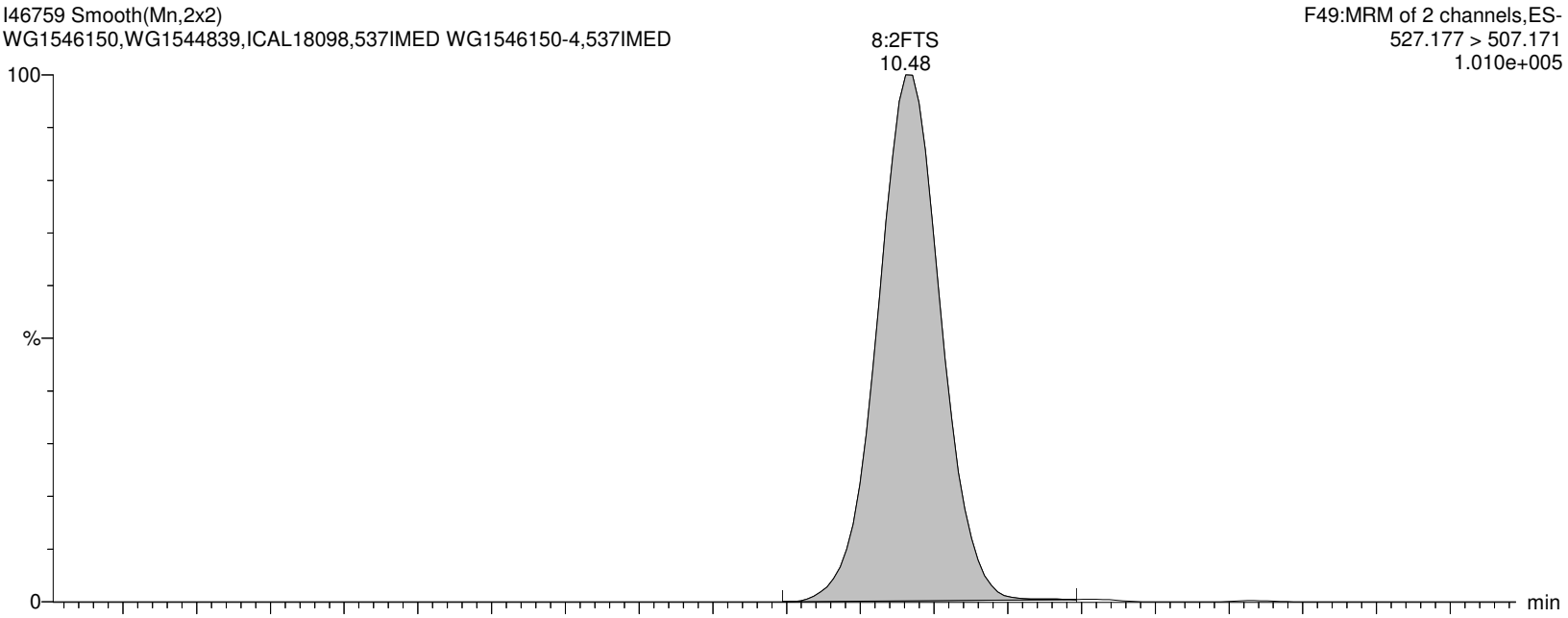


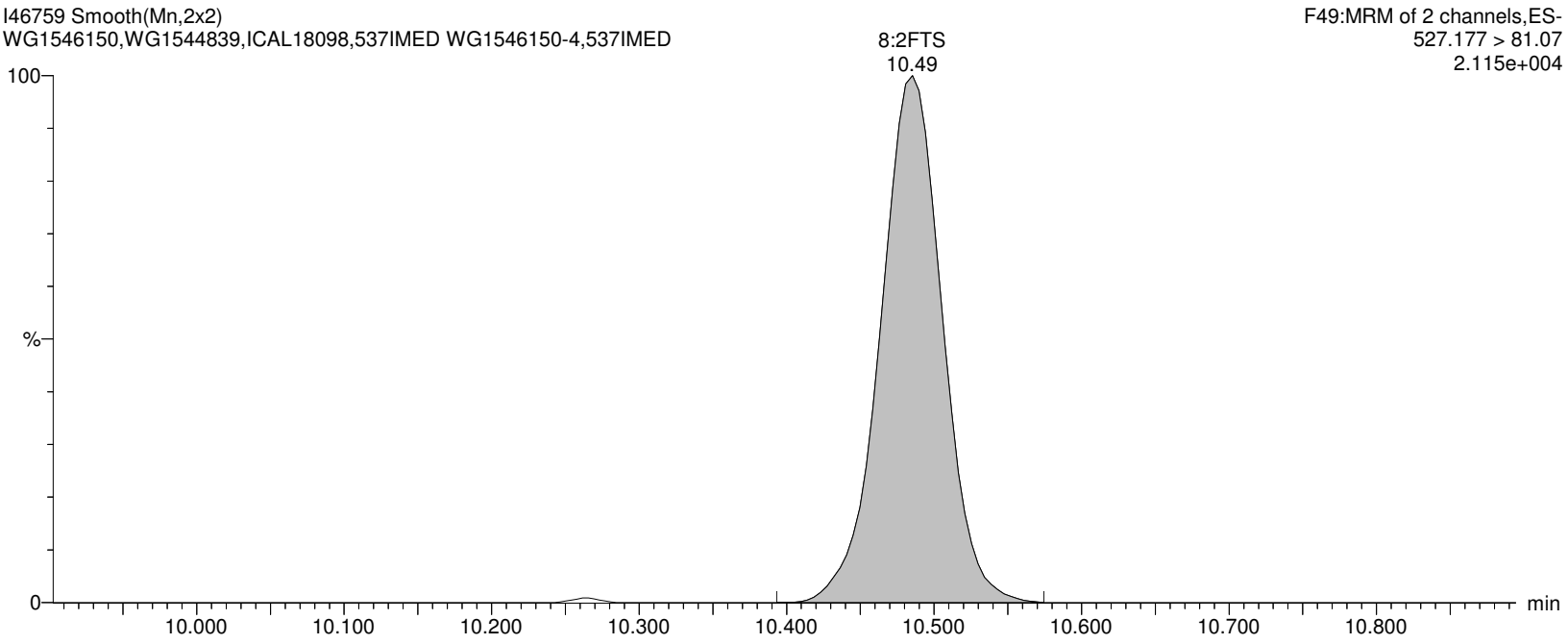
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

8:2FTS



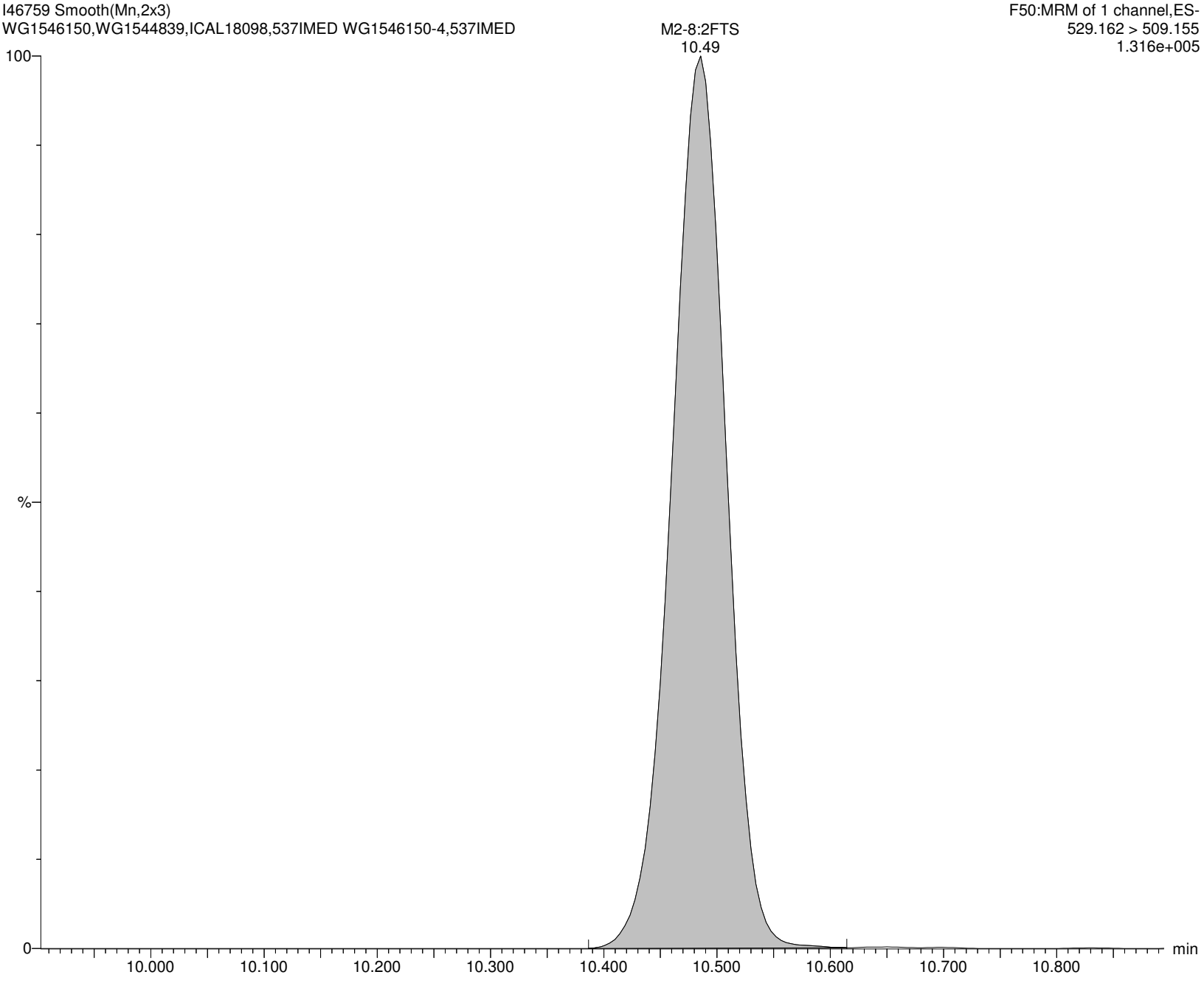


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-8:2FTS

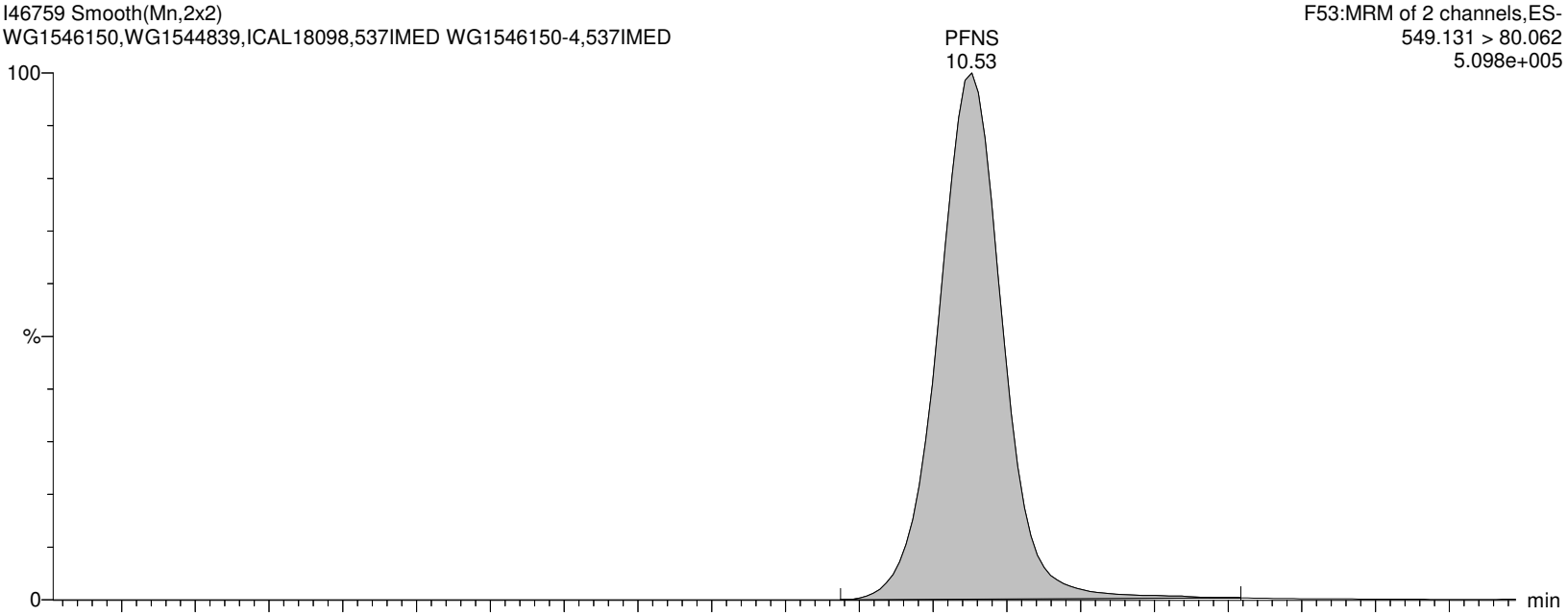


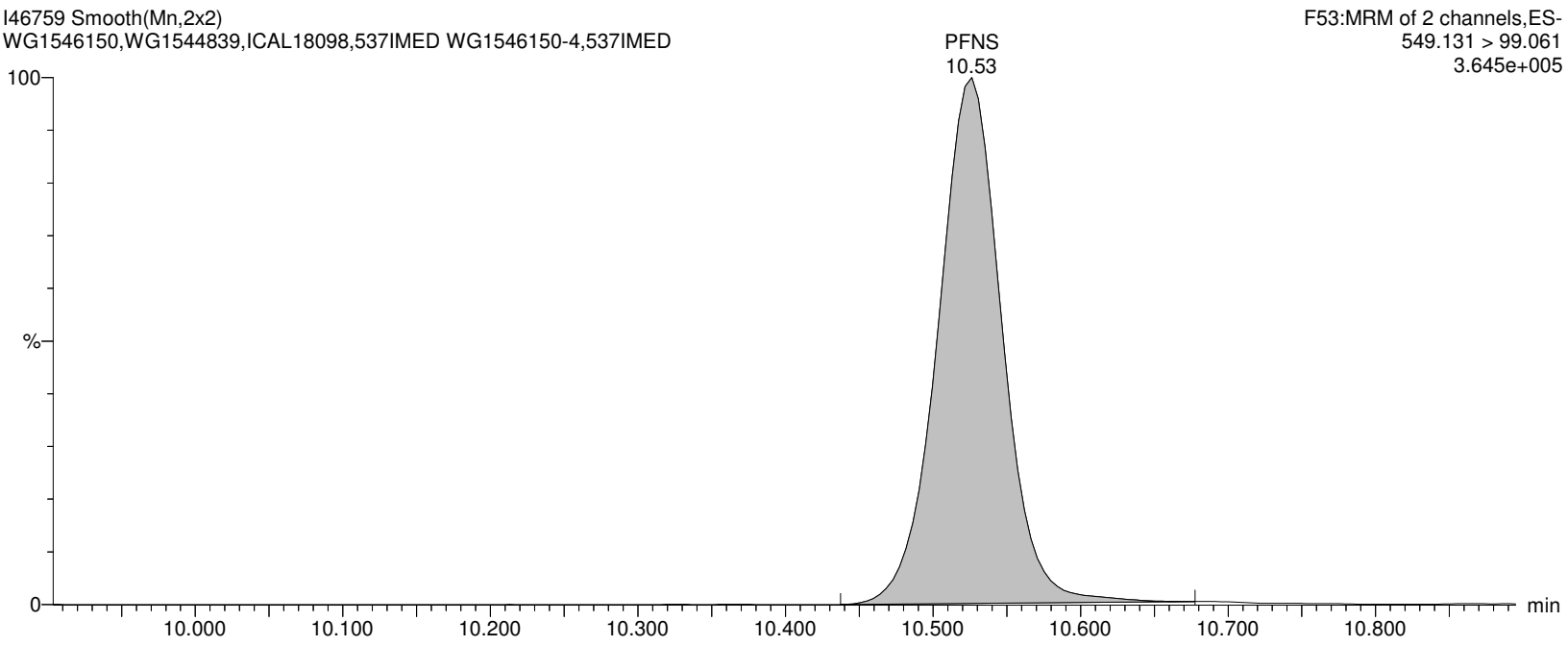
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNS



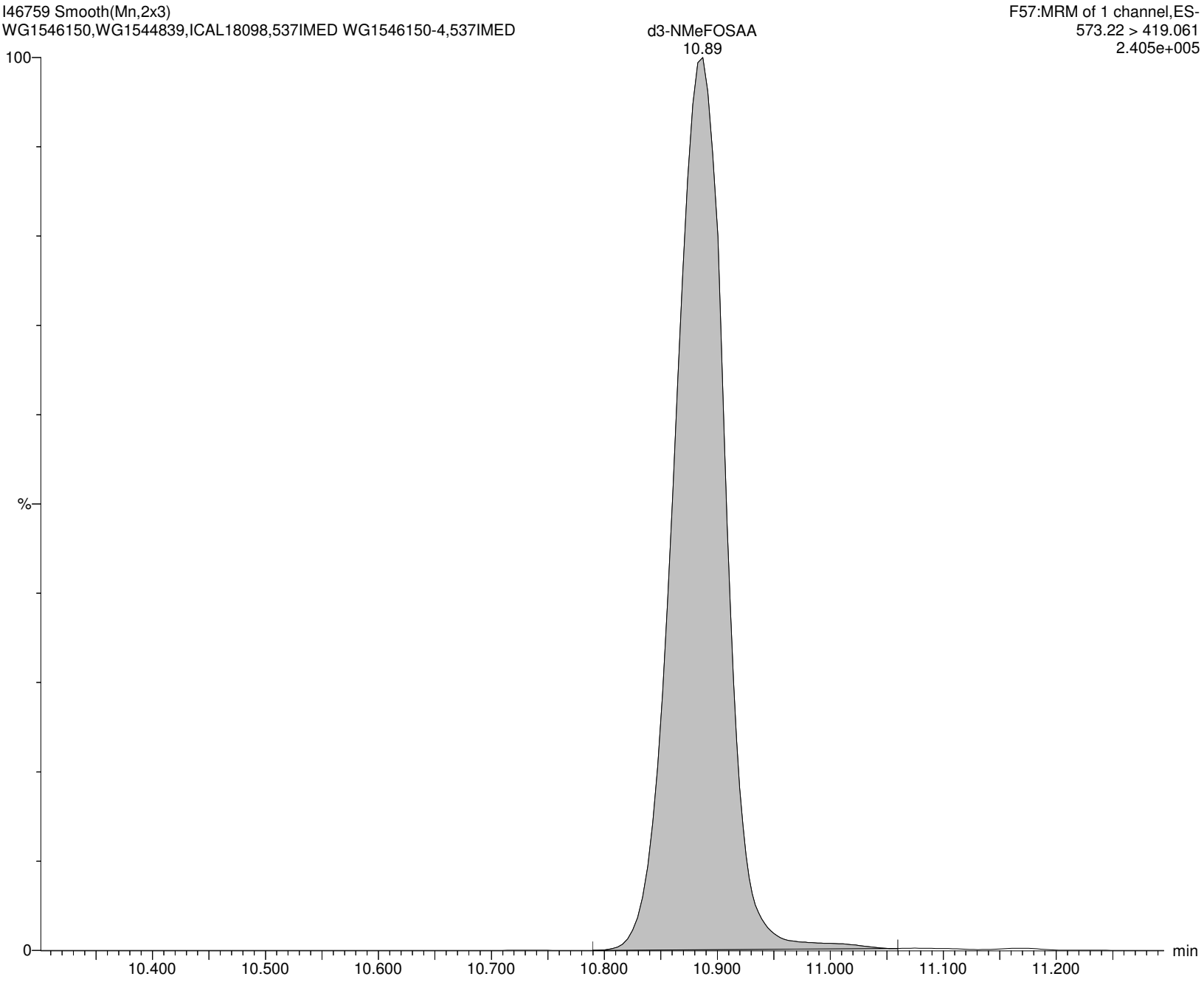


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSAA

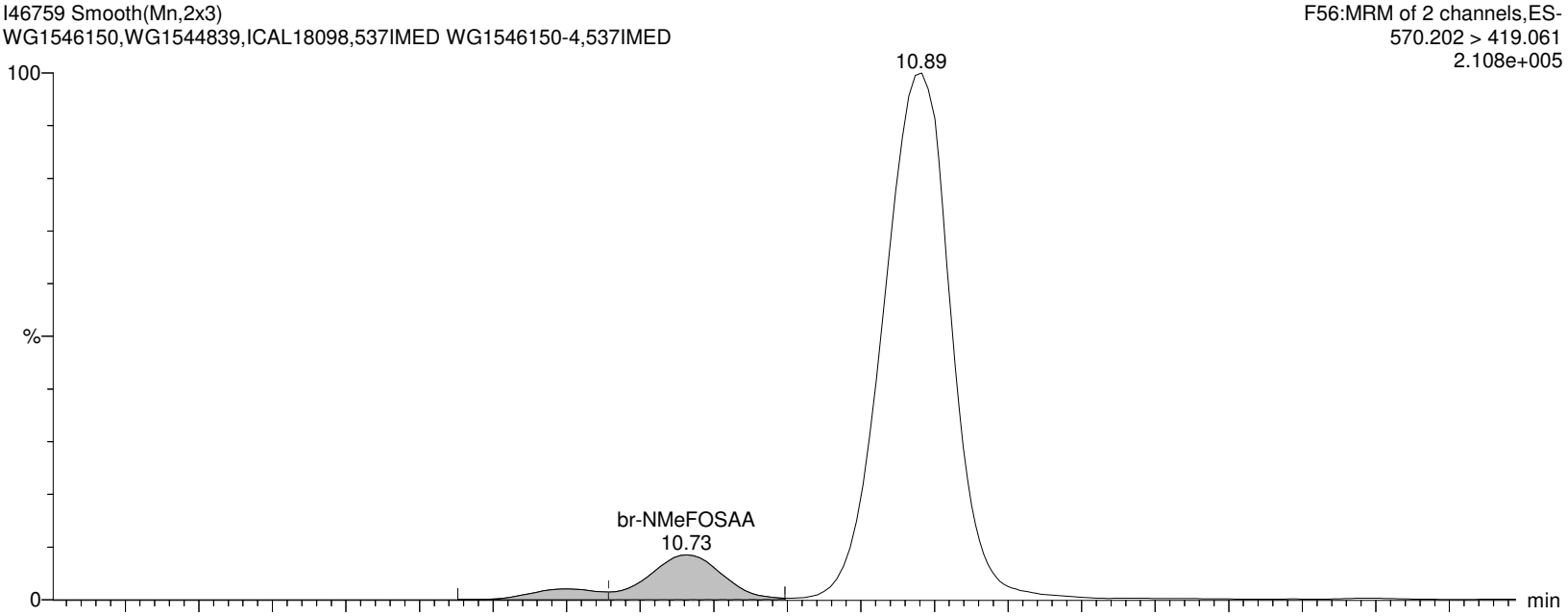


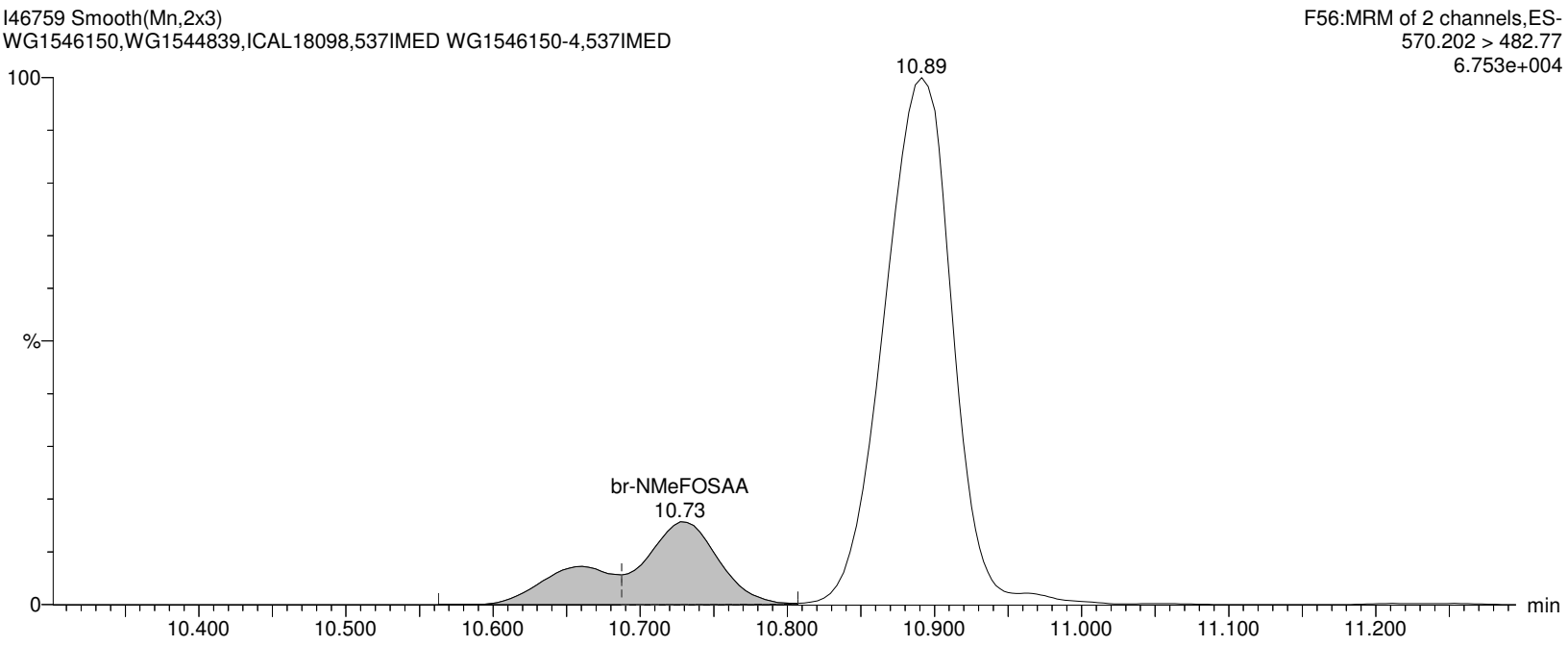
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NMeFOSAA



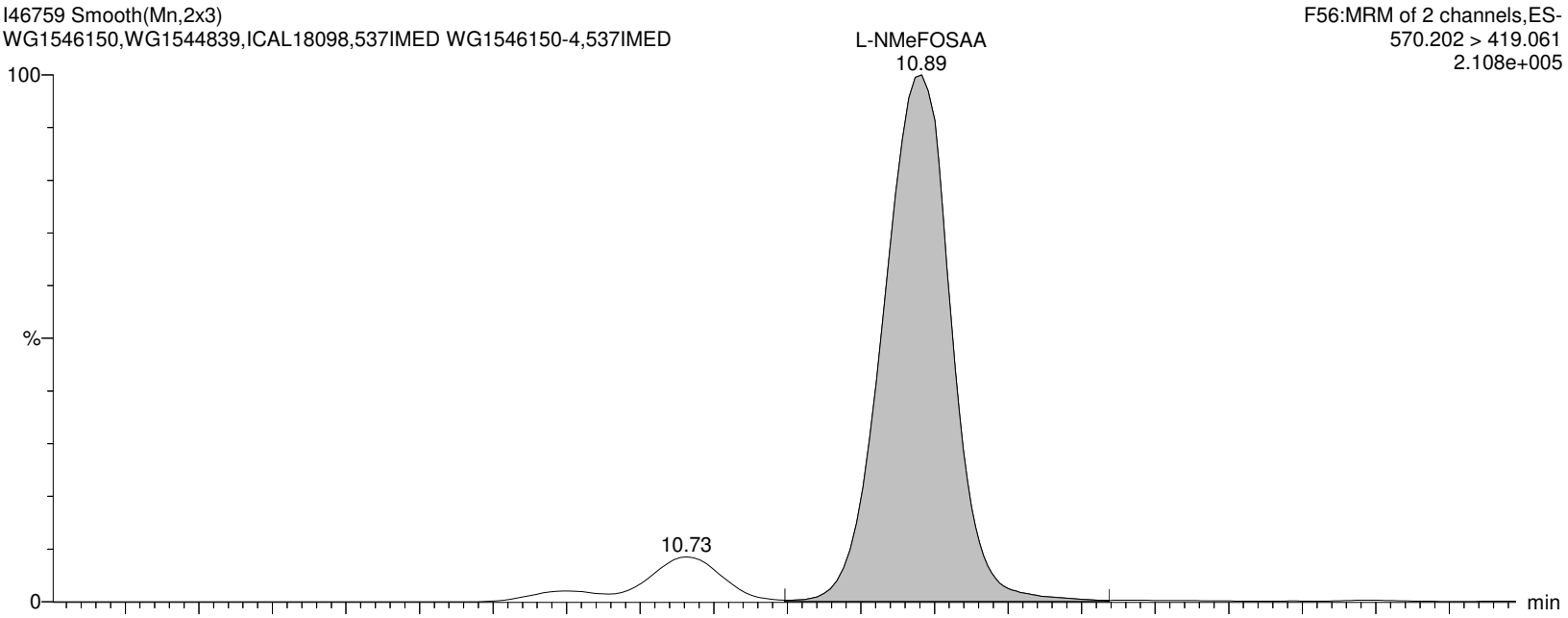


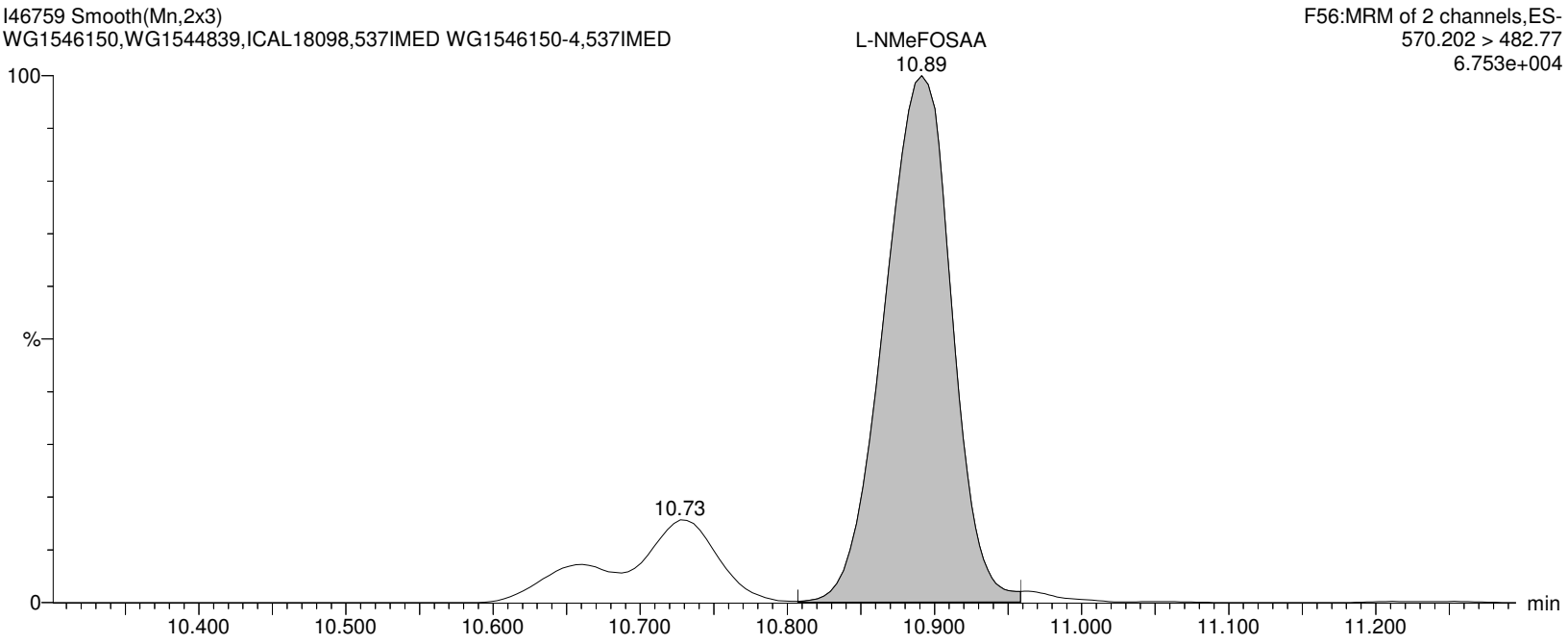
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NMeFOSAA



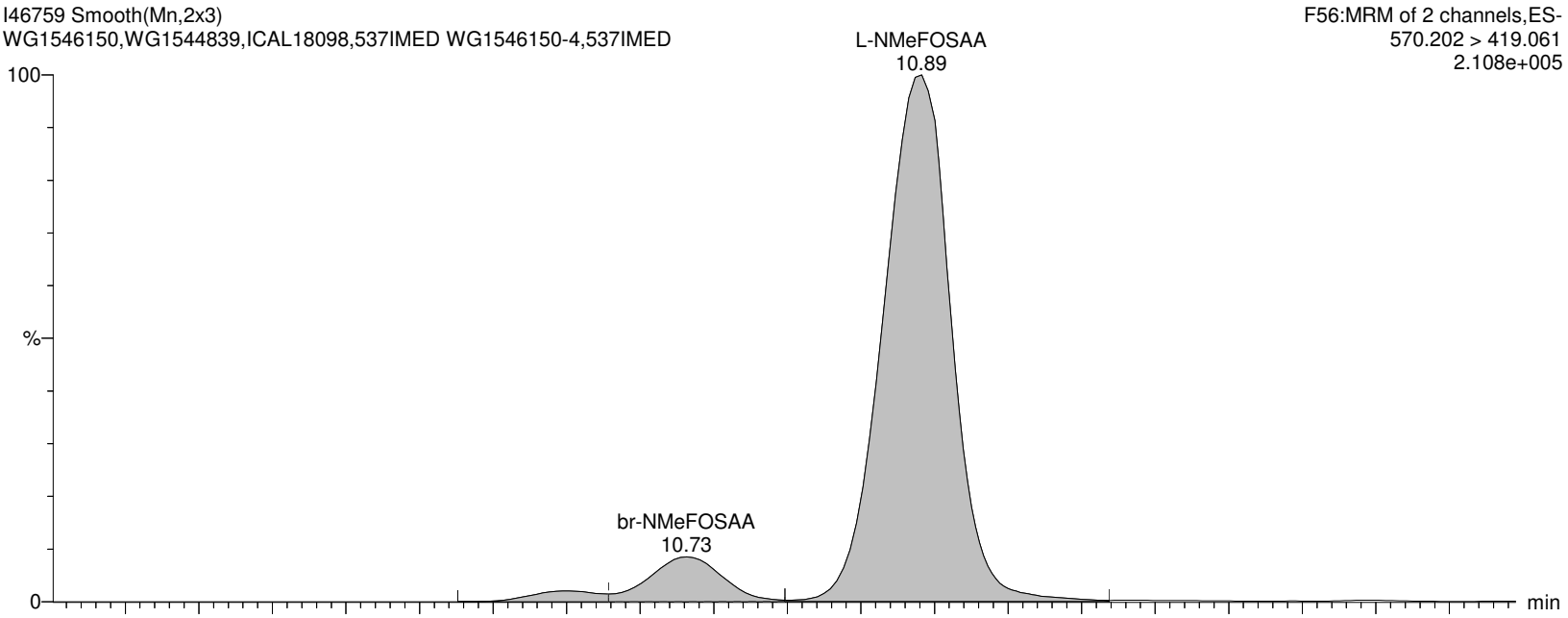


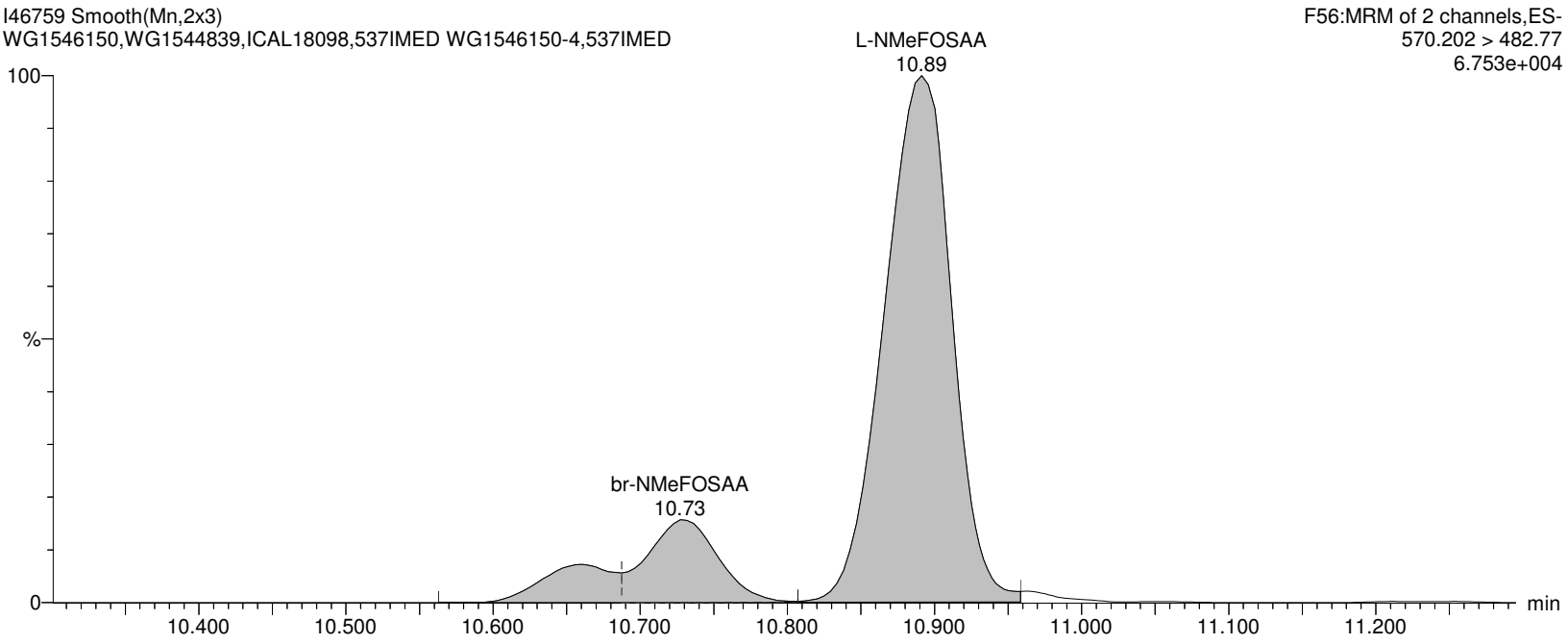
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSAA



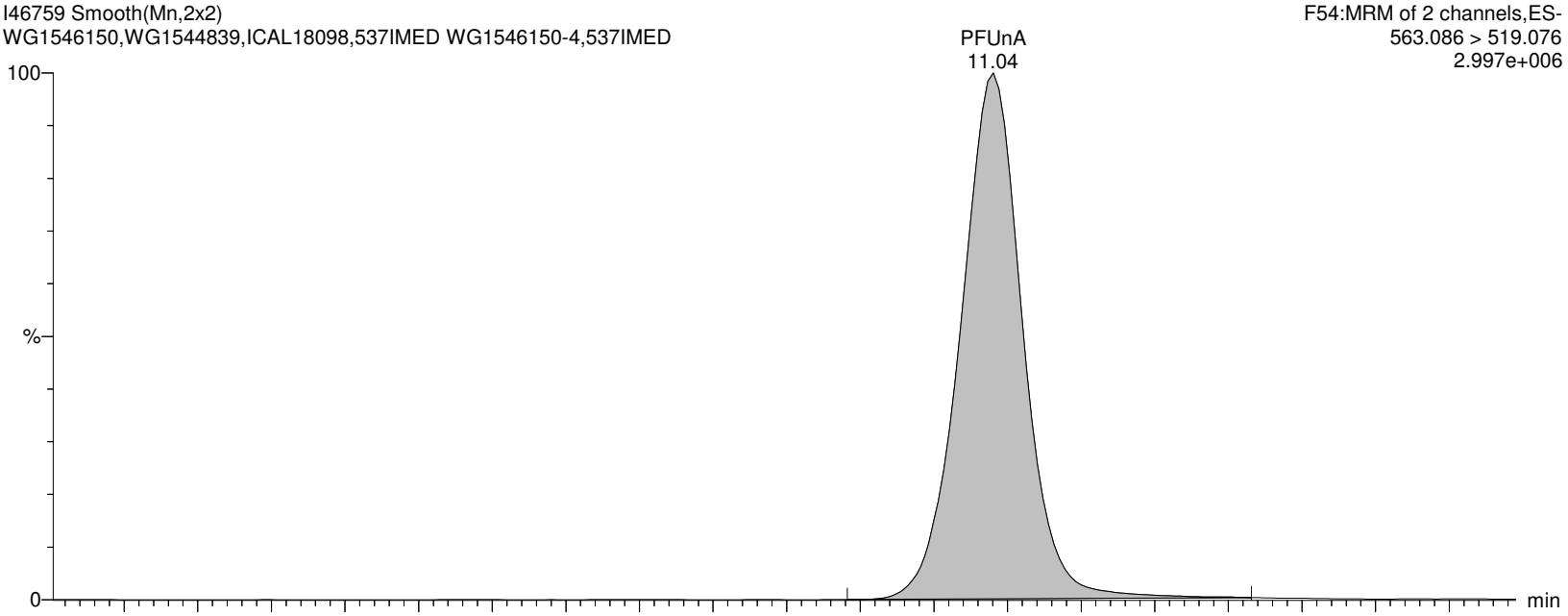


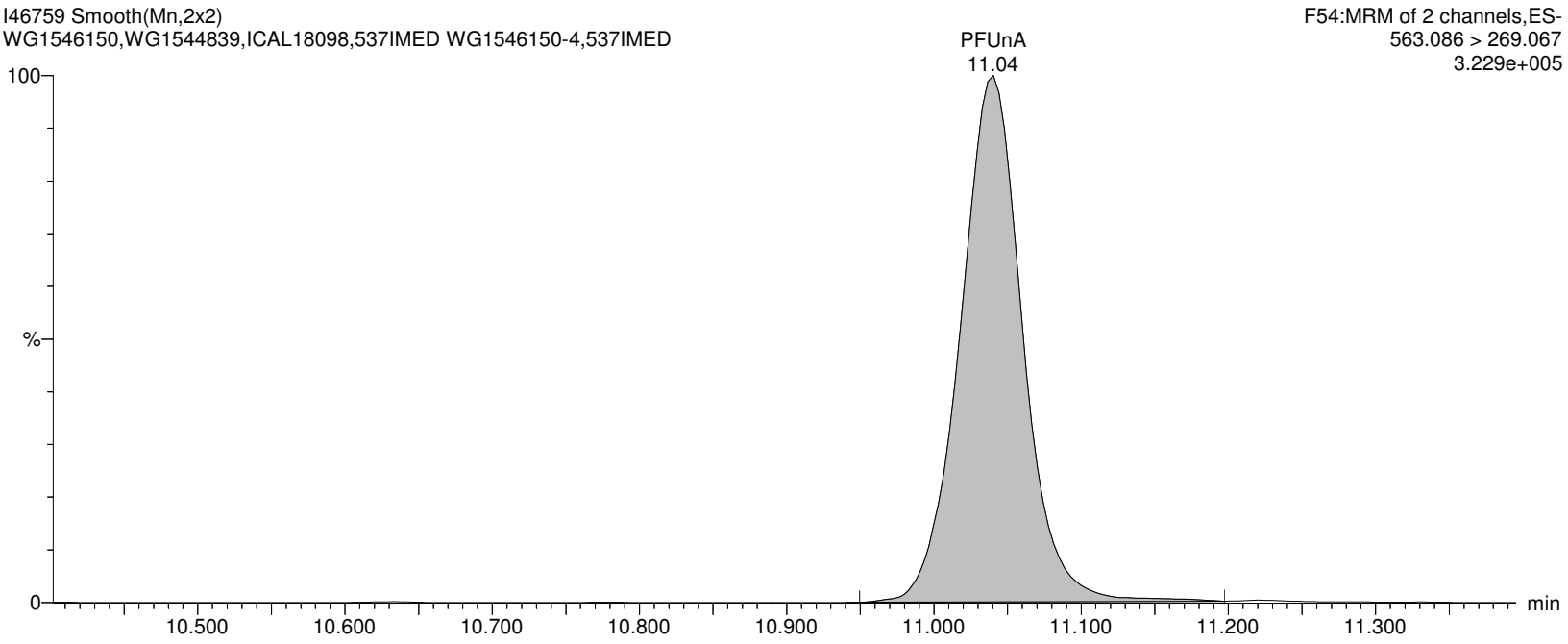
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFUnA



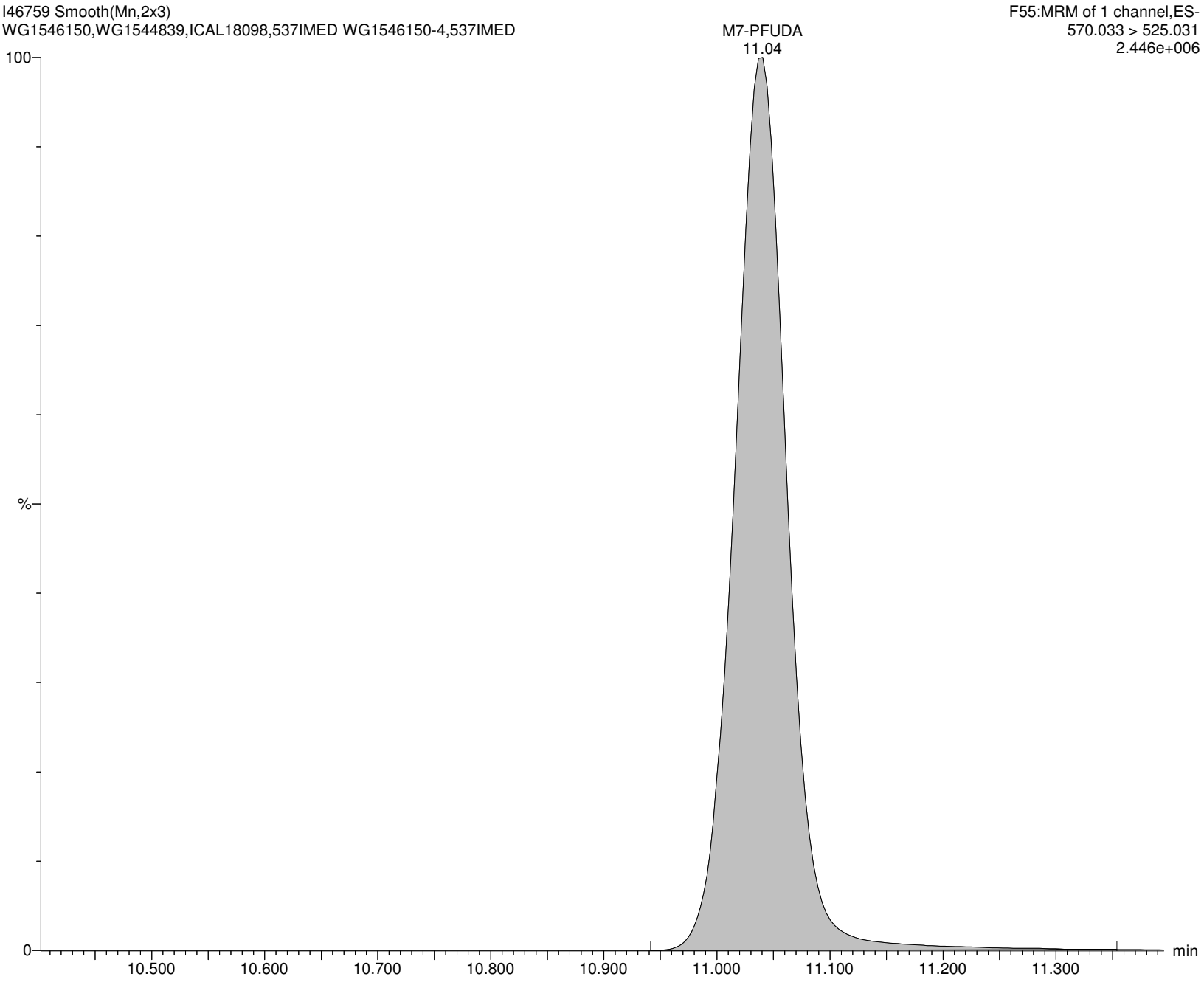


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M7-PFUDA

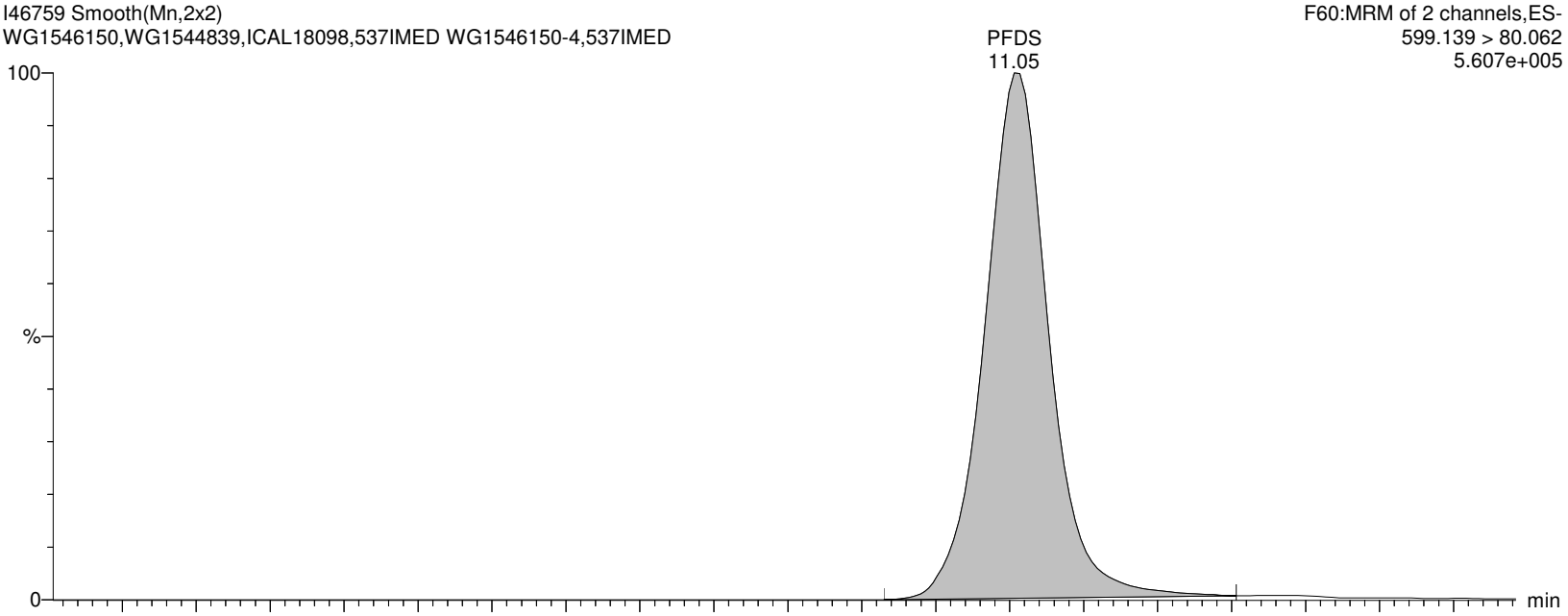


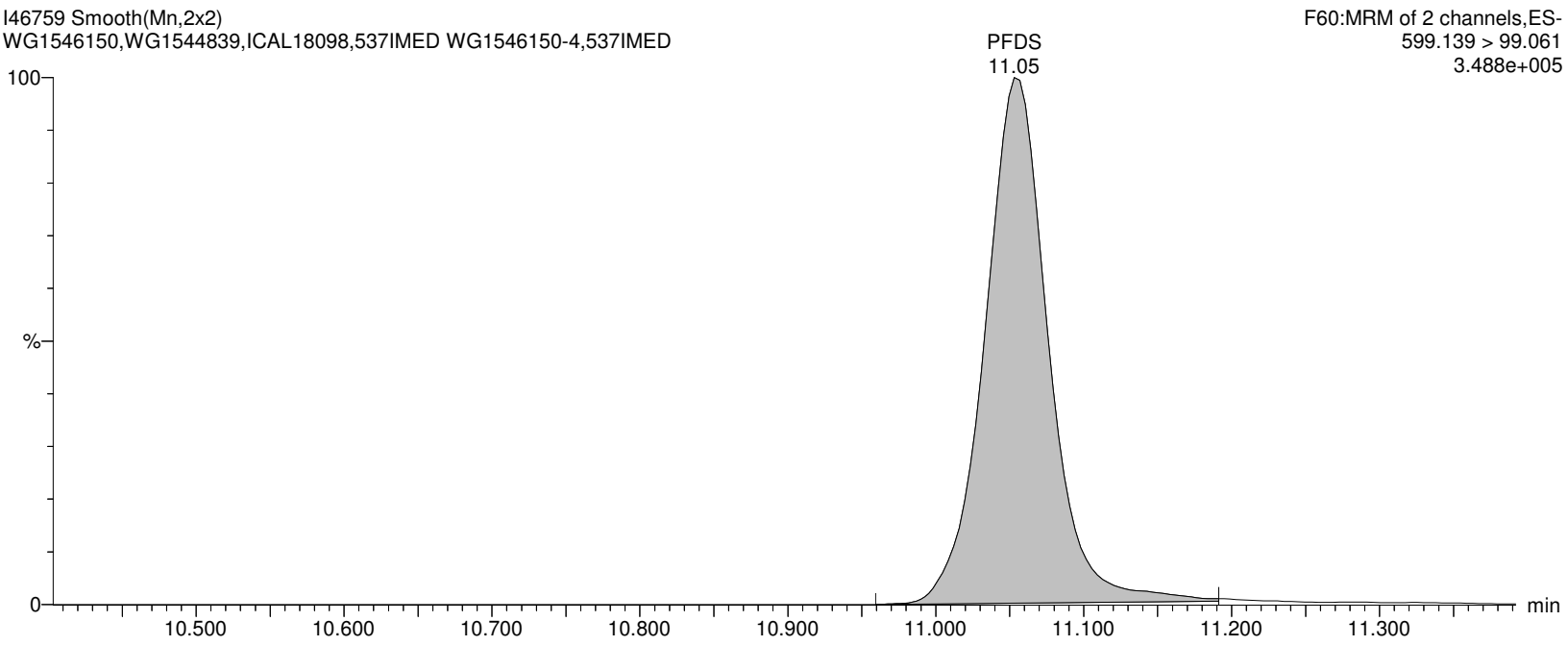
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDS



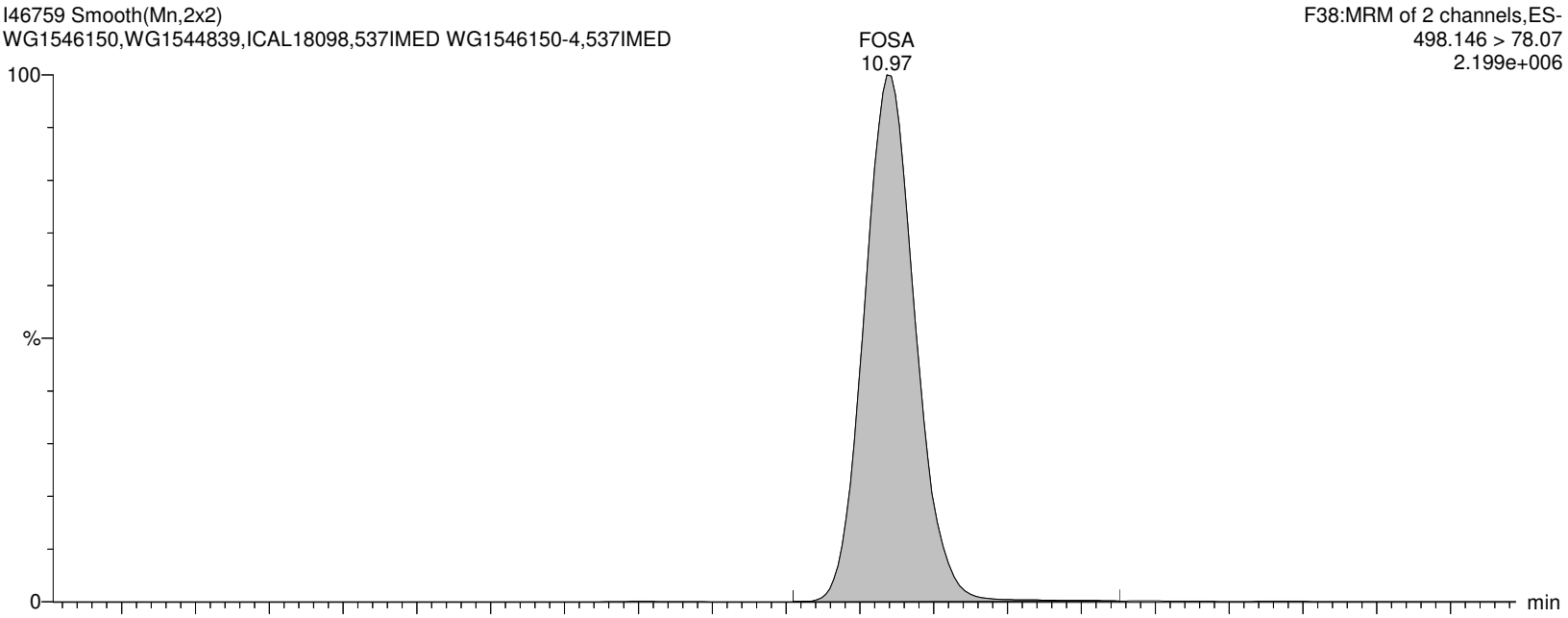


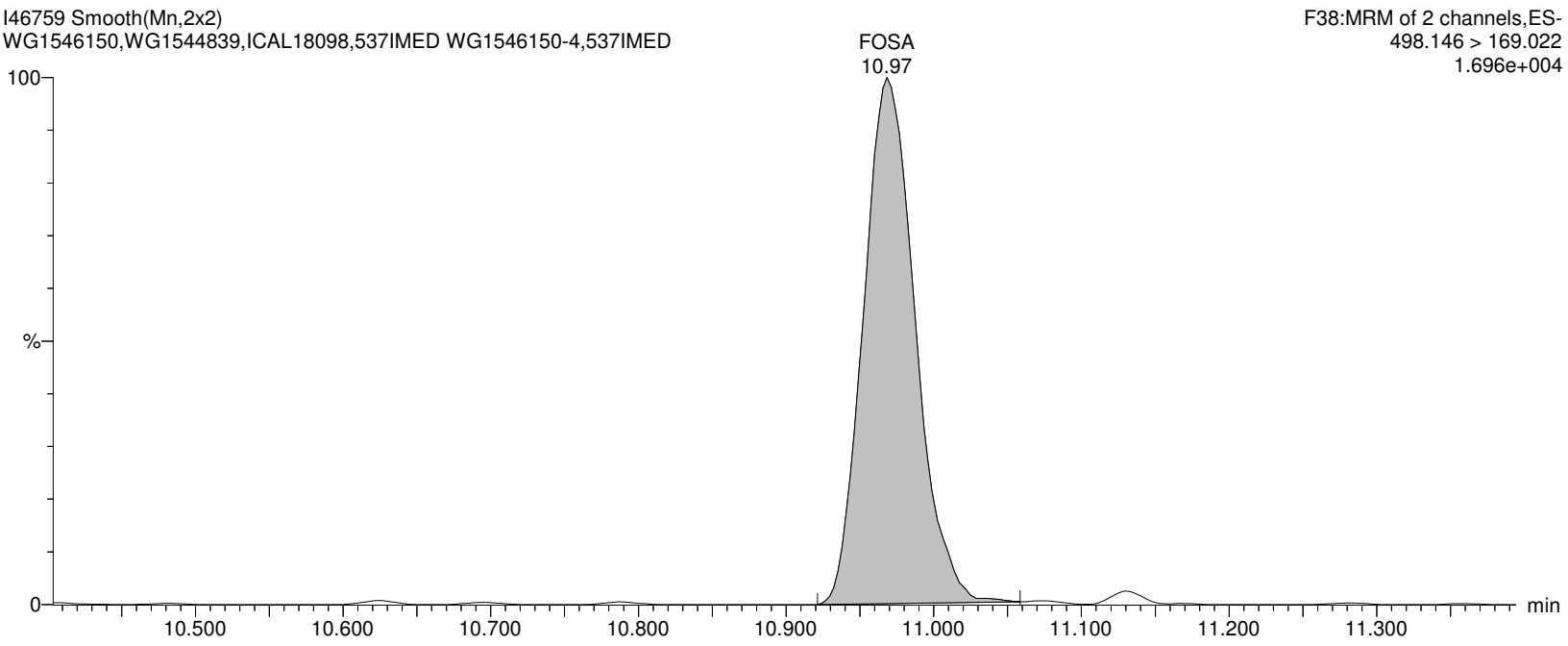
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

FOSA



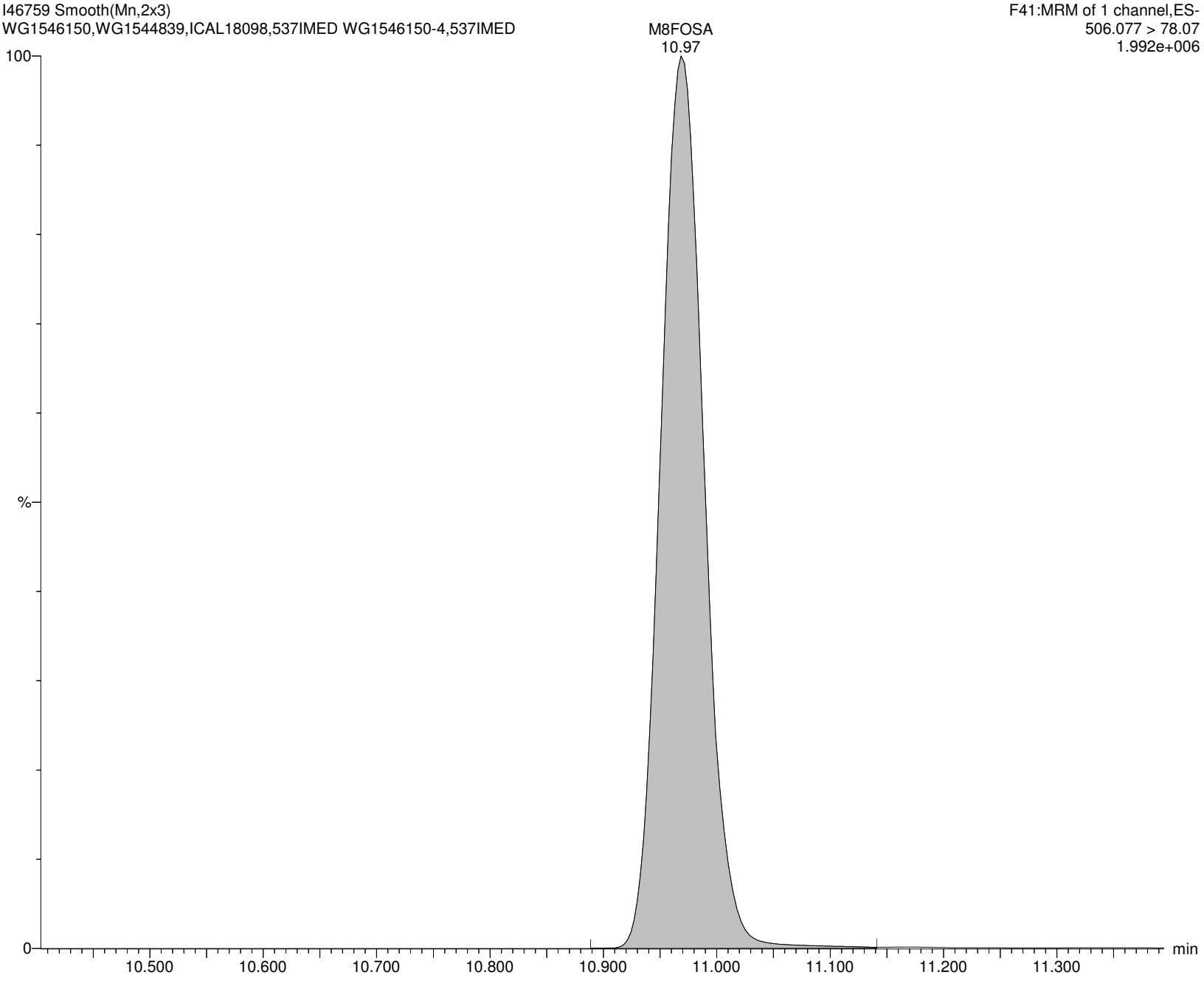


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8FOSA

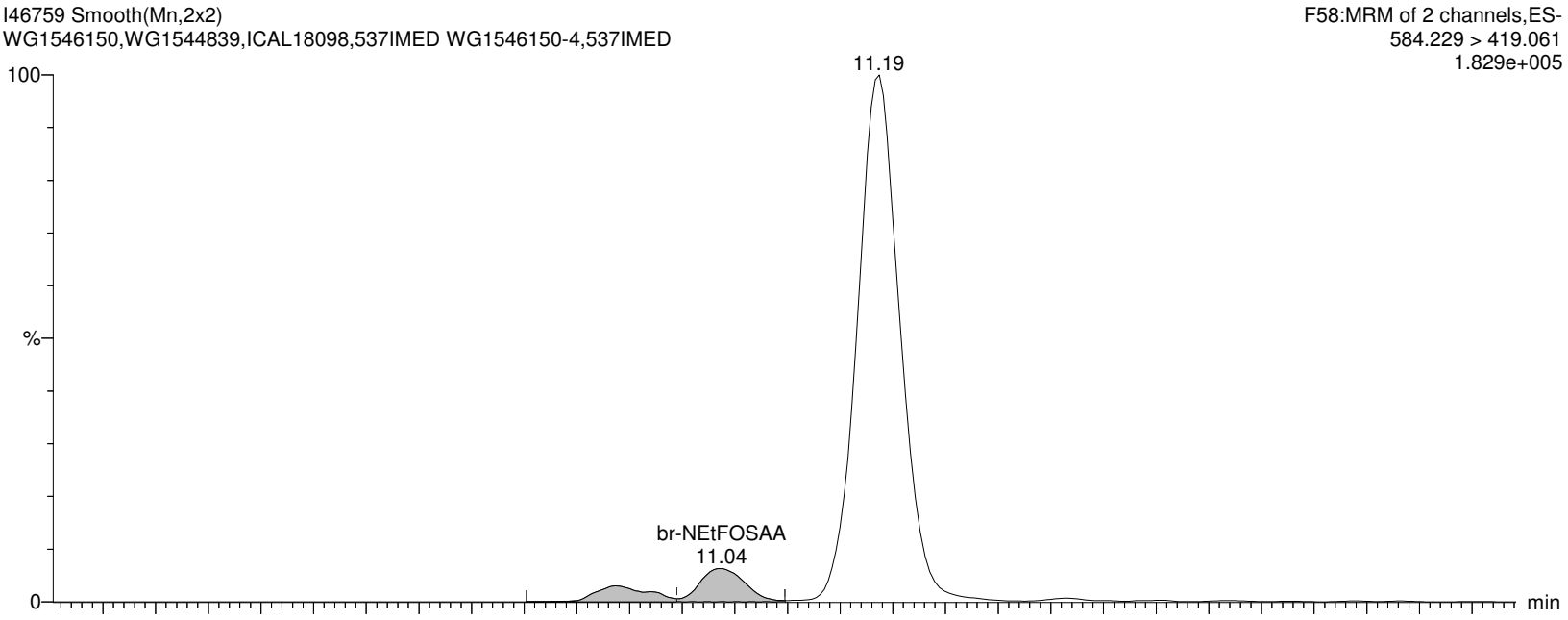


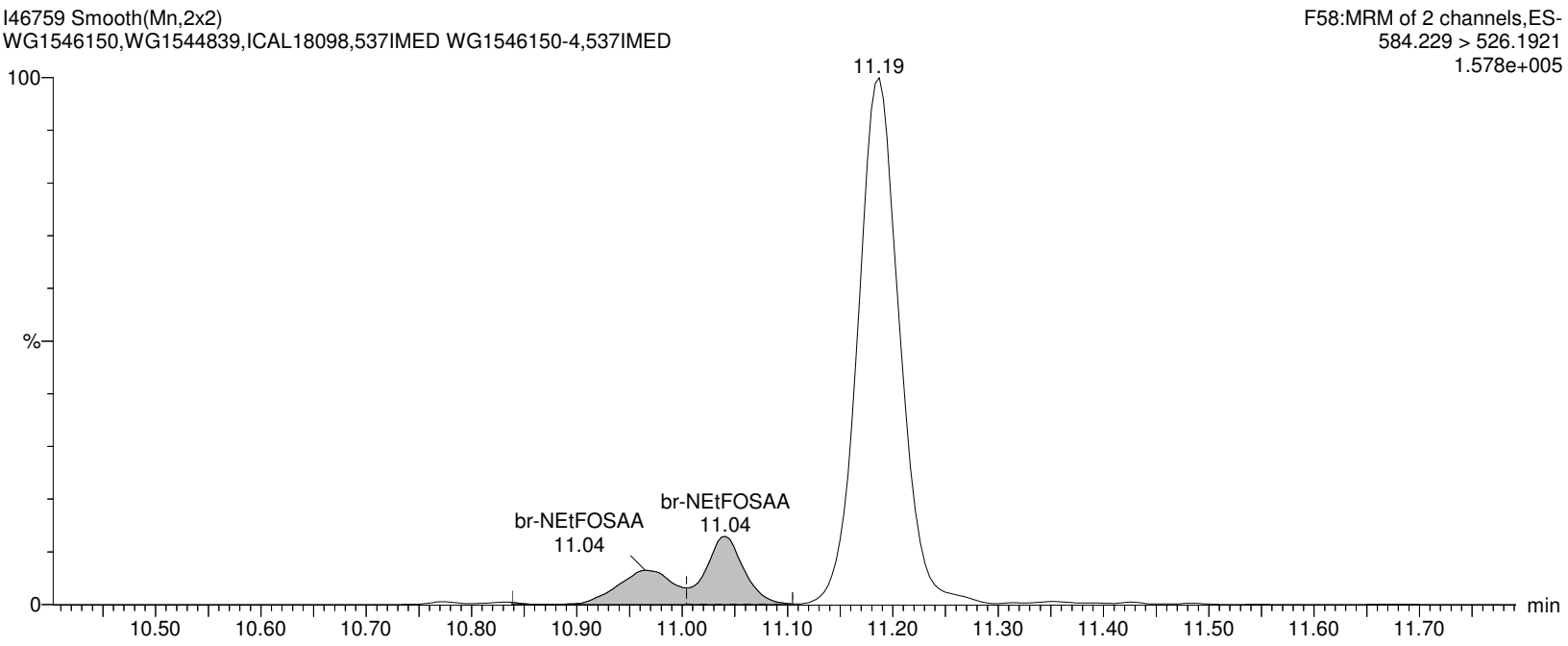
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NEtFOSAA



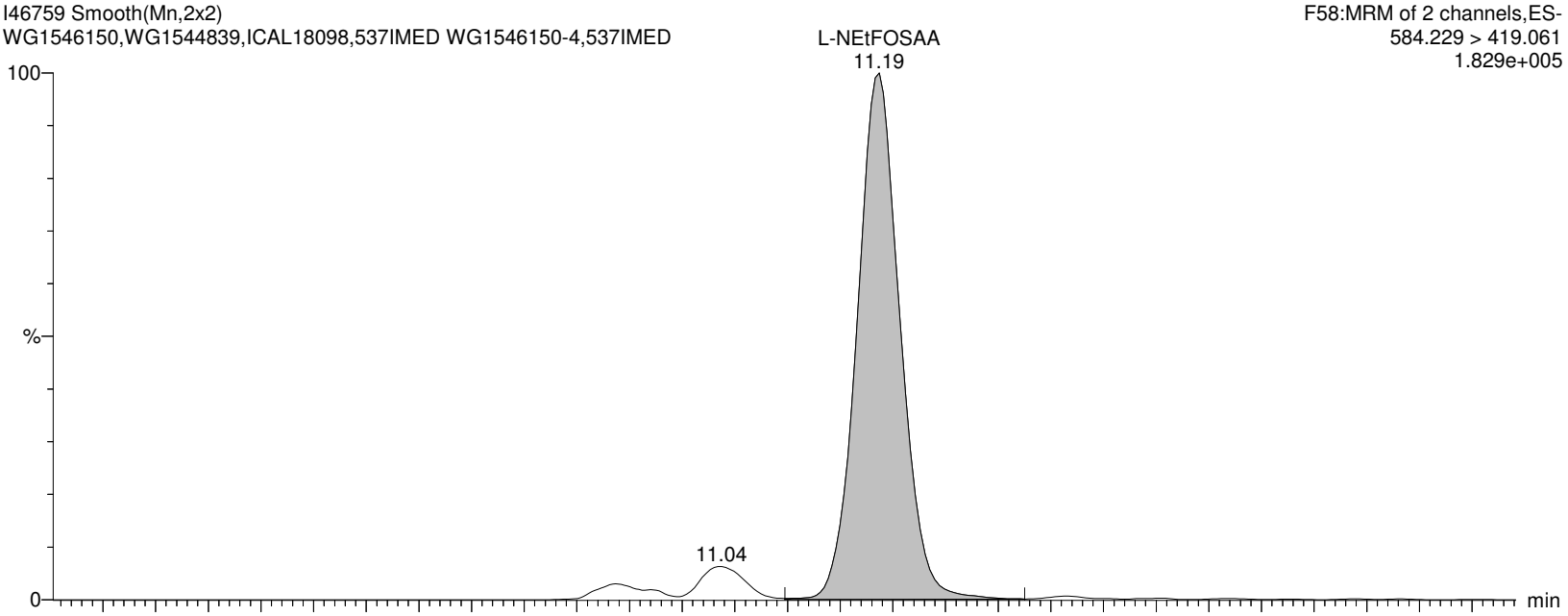


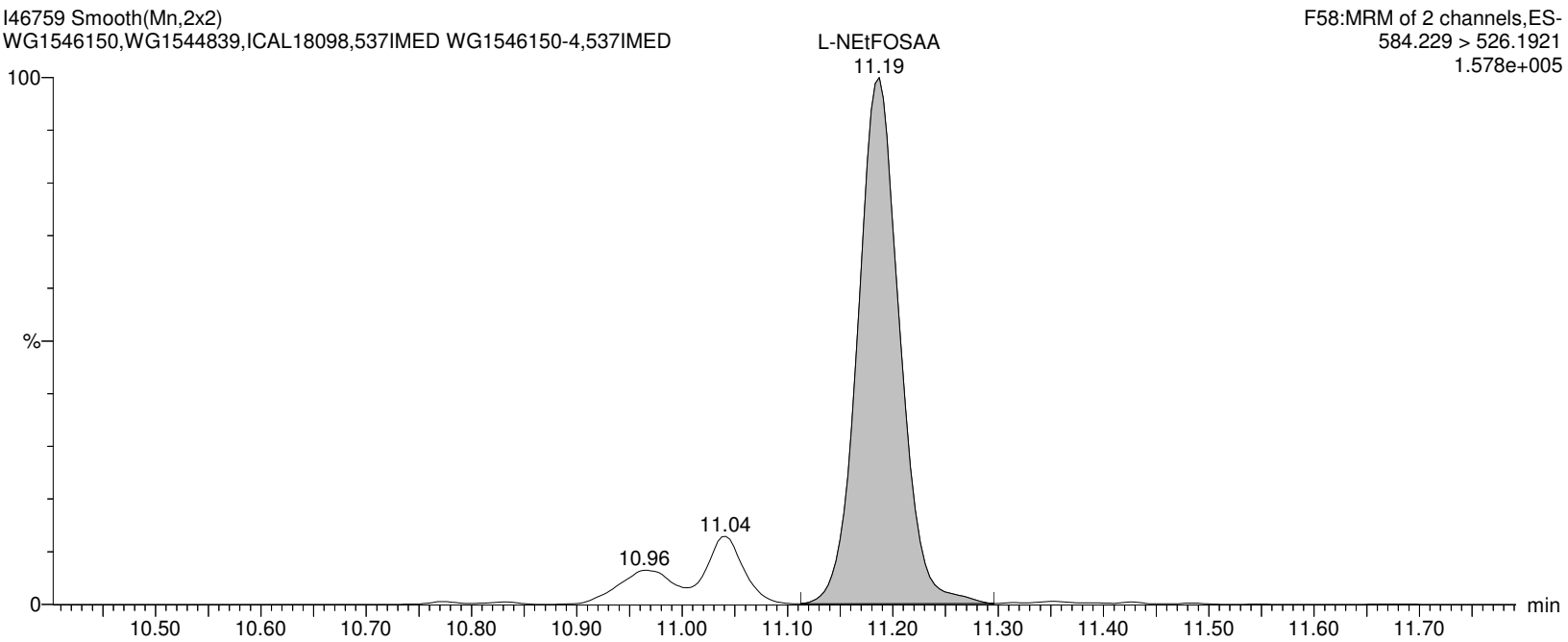
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NEtFOSAA



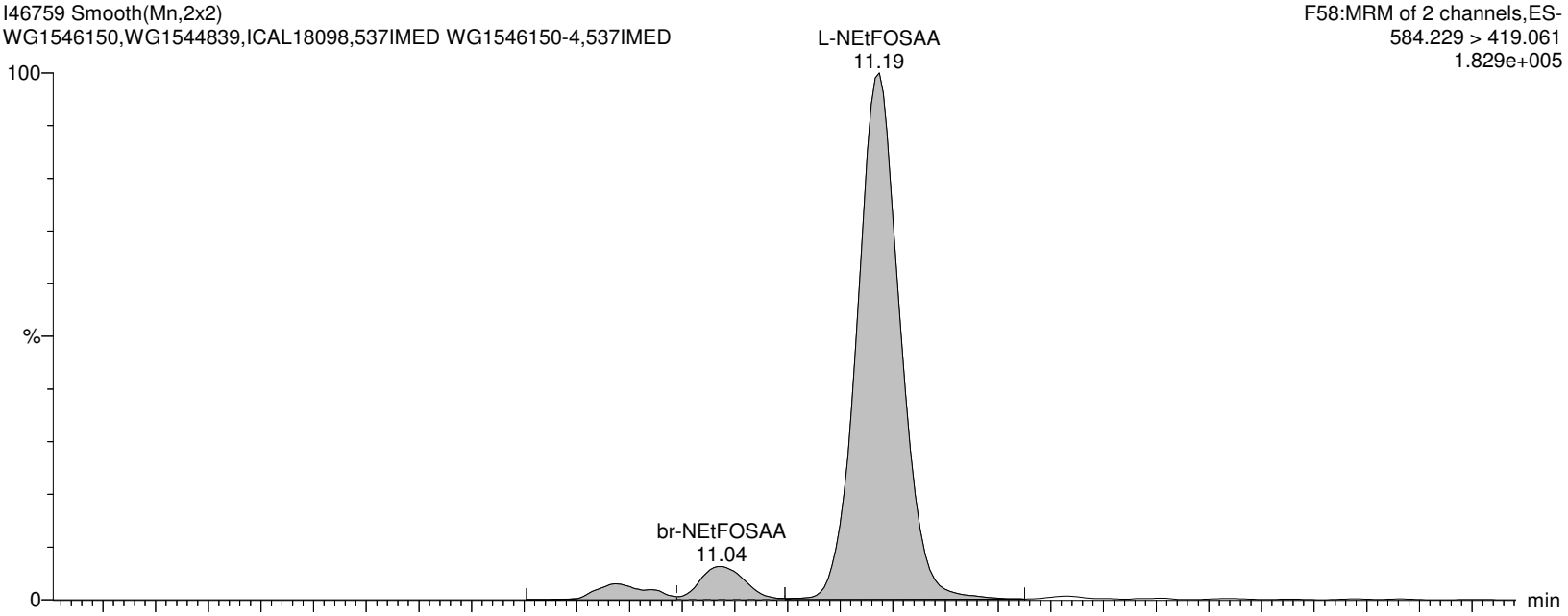


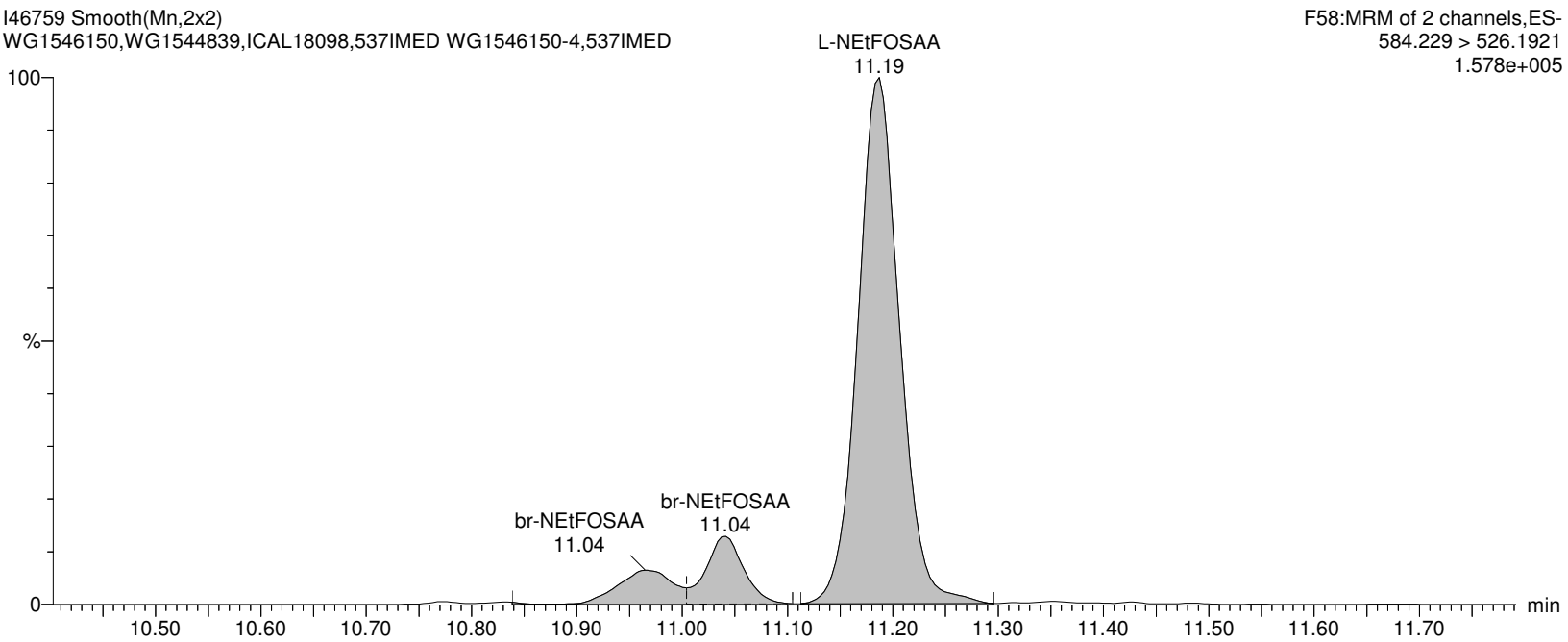
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSAA



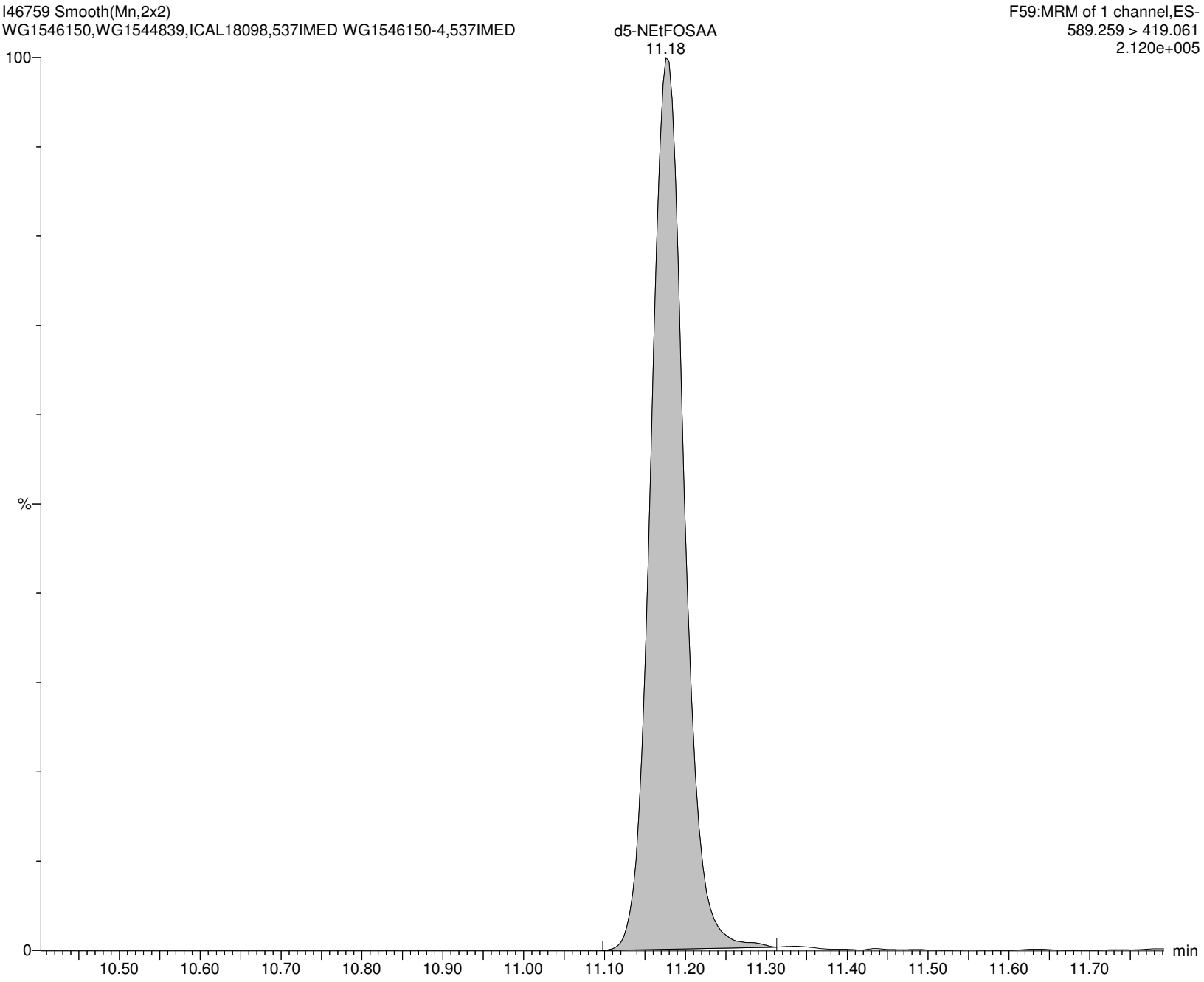


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSAA

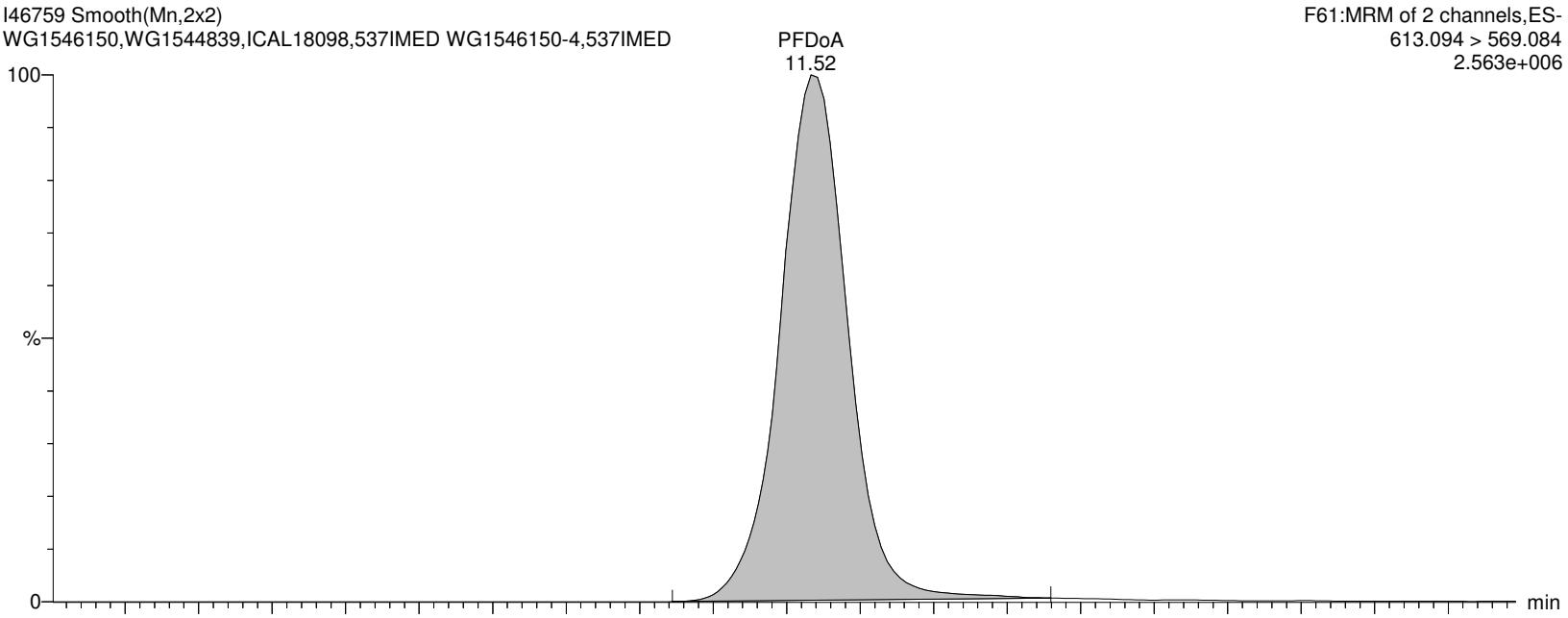


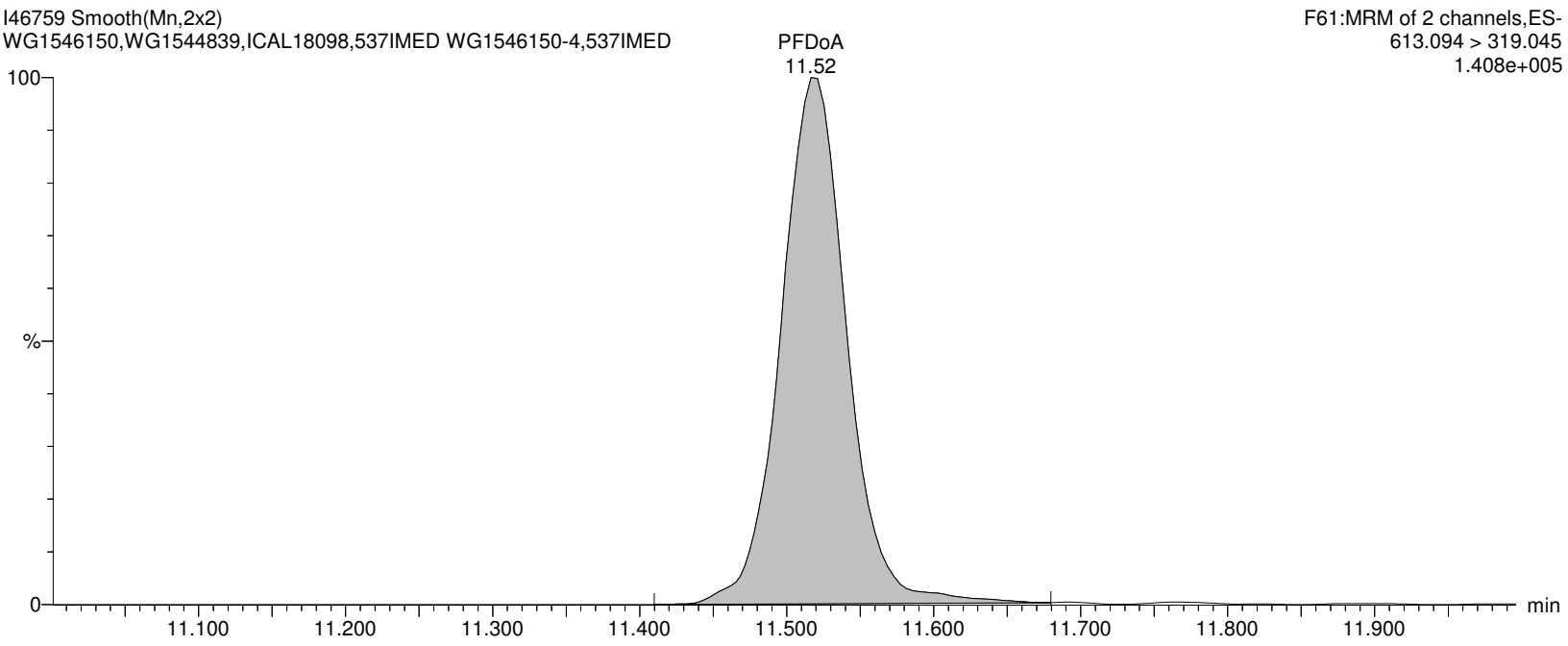
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoA



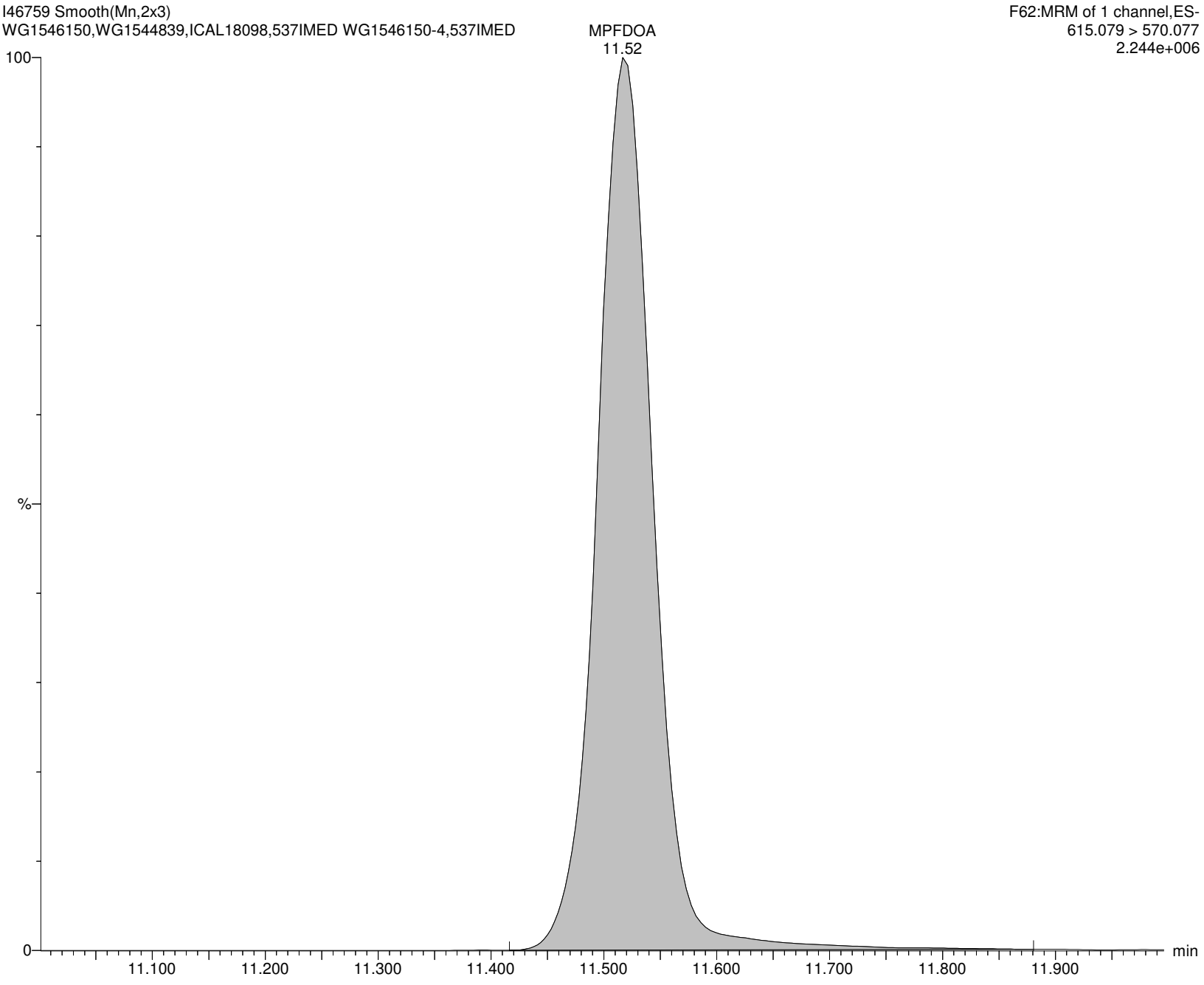


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFDOA

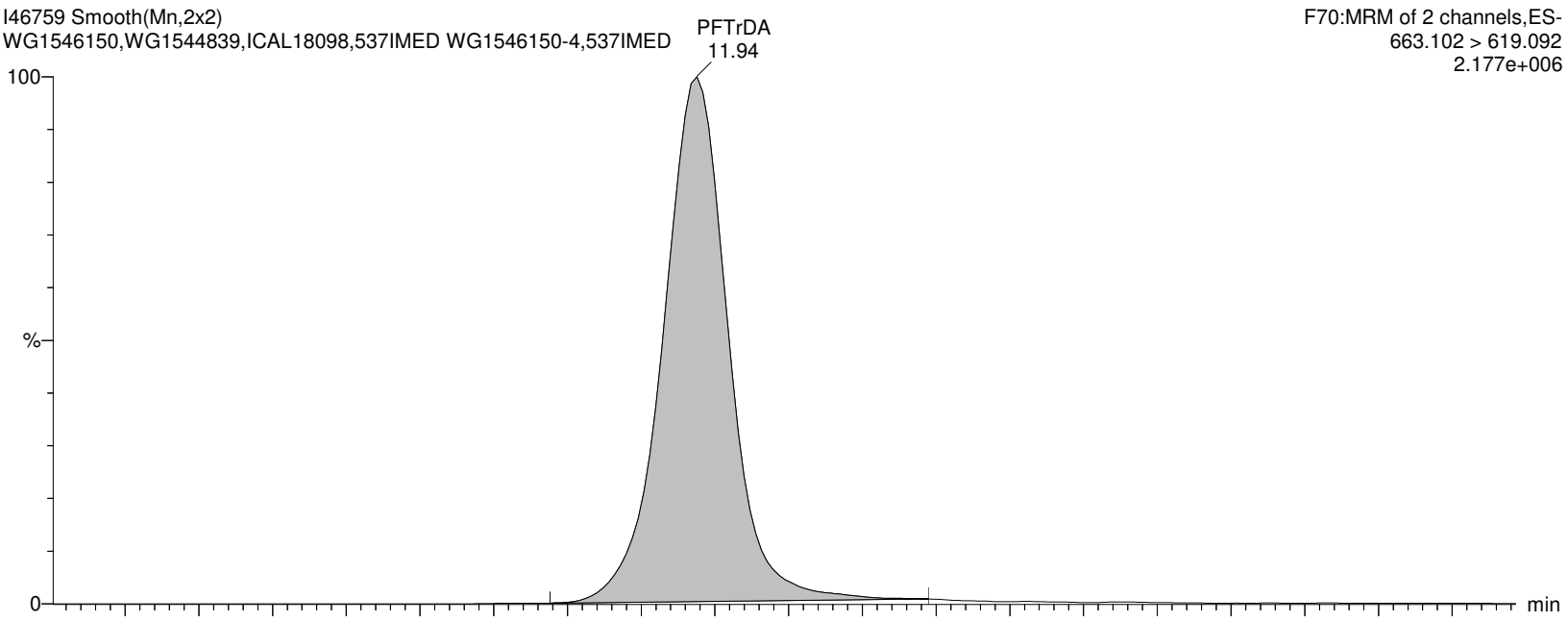


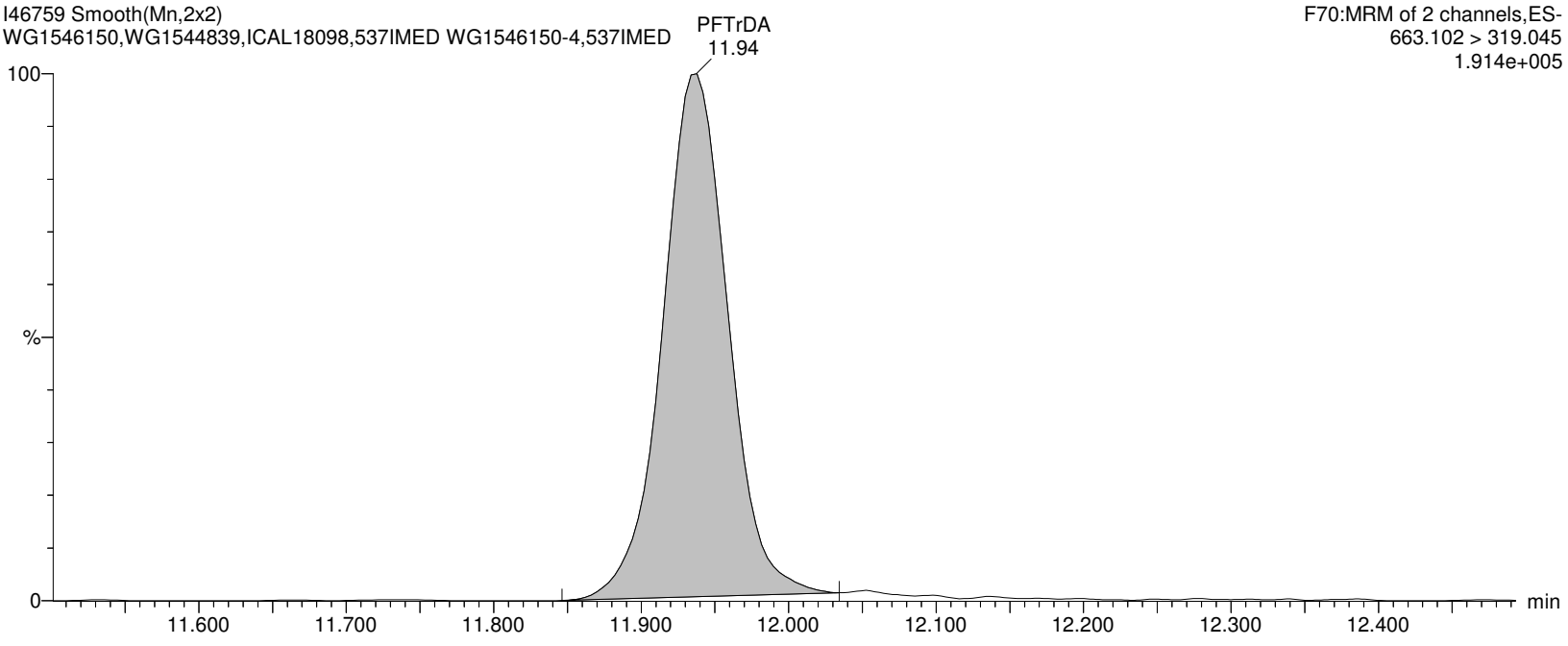
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTrDA



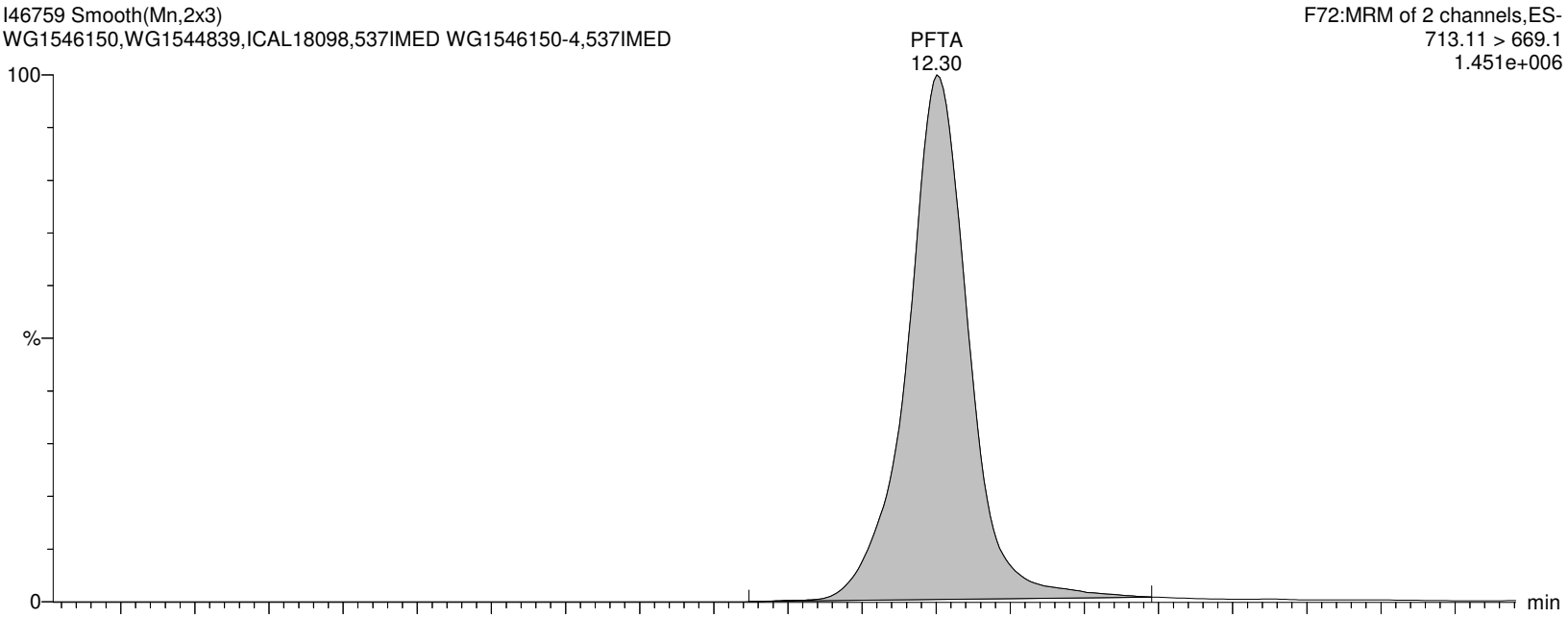


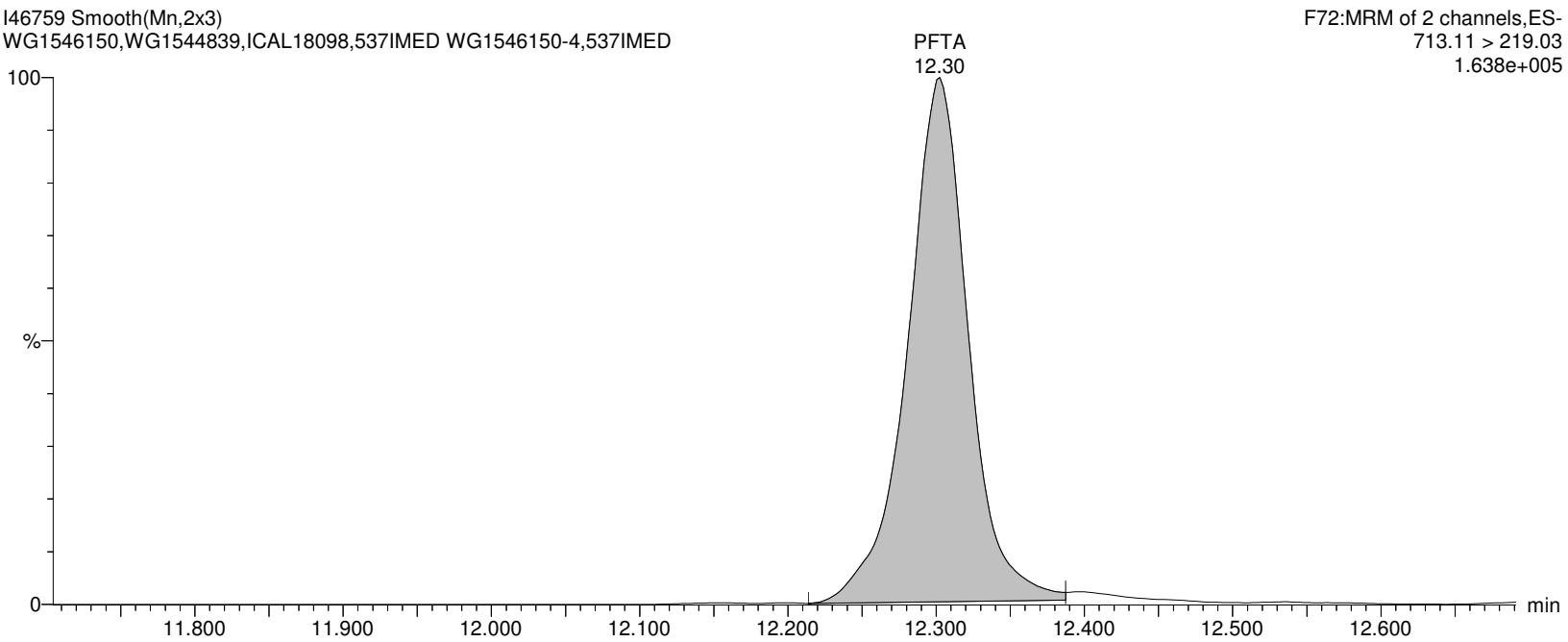
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTA



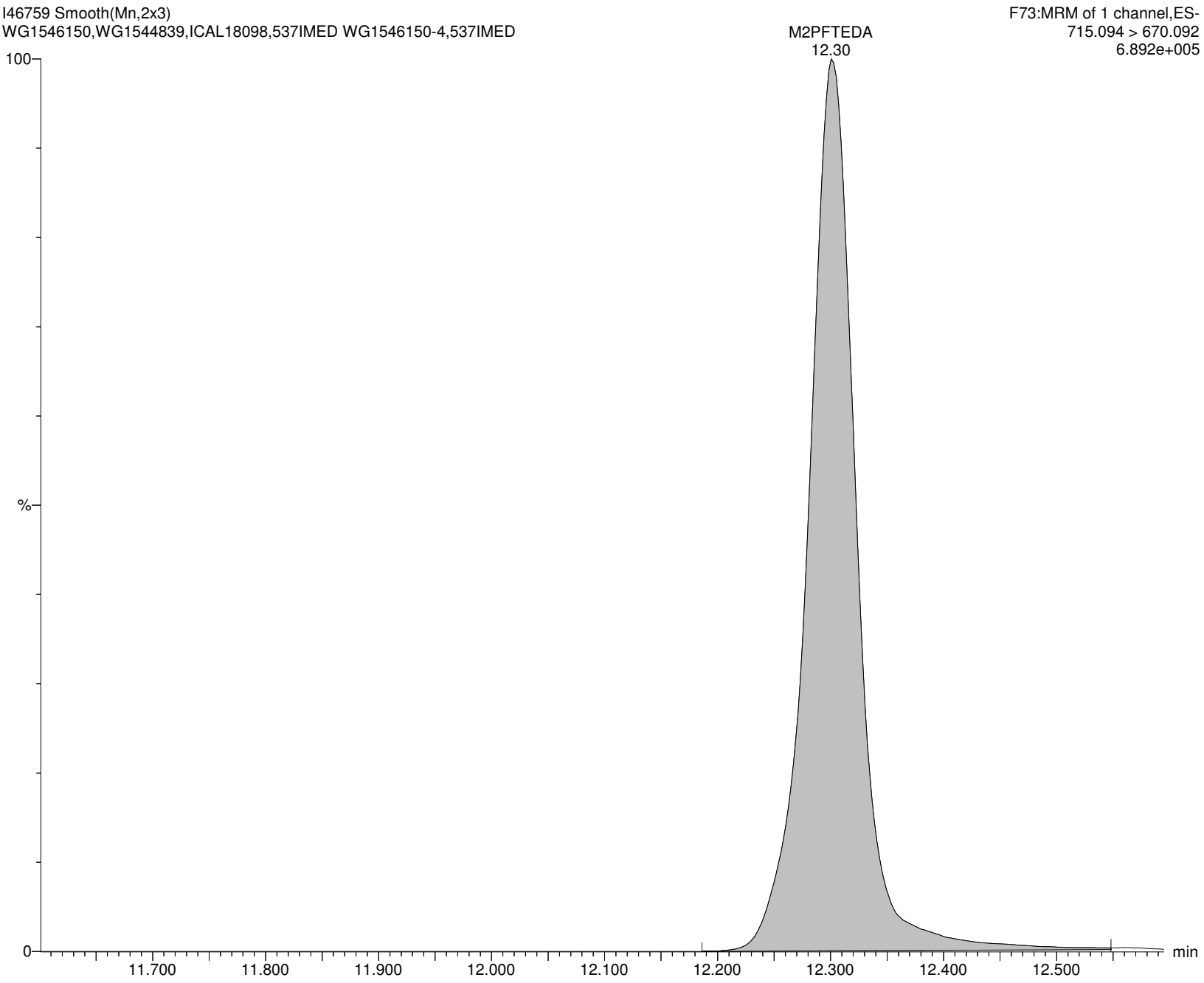


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFTEDA

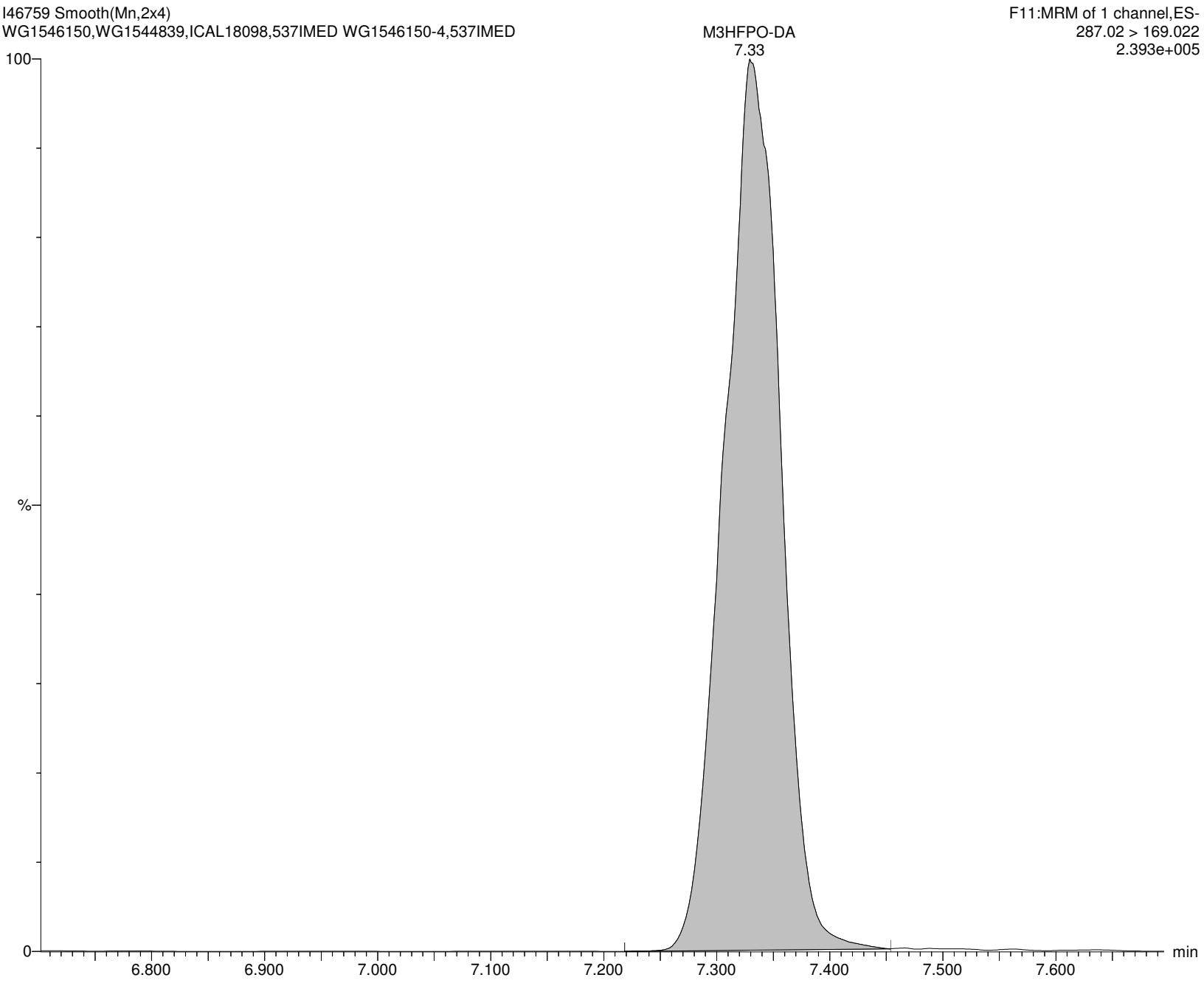


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3HFPO-DA

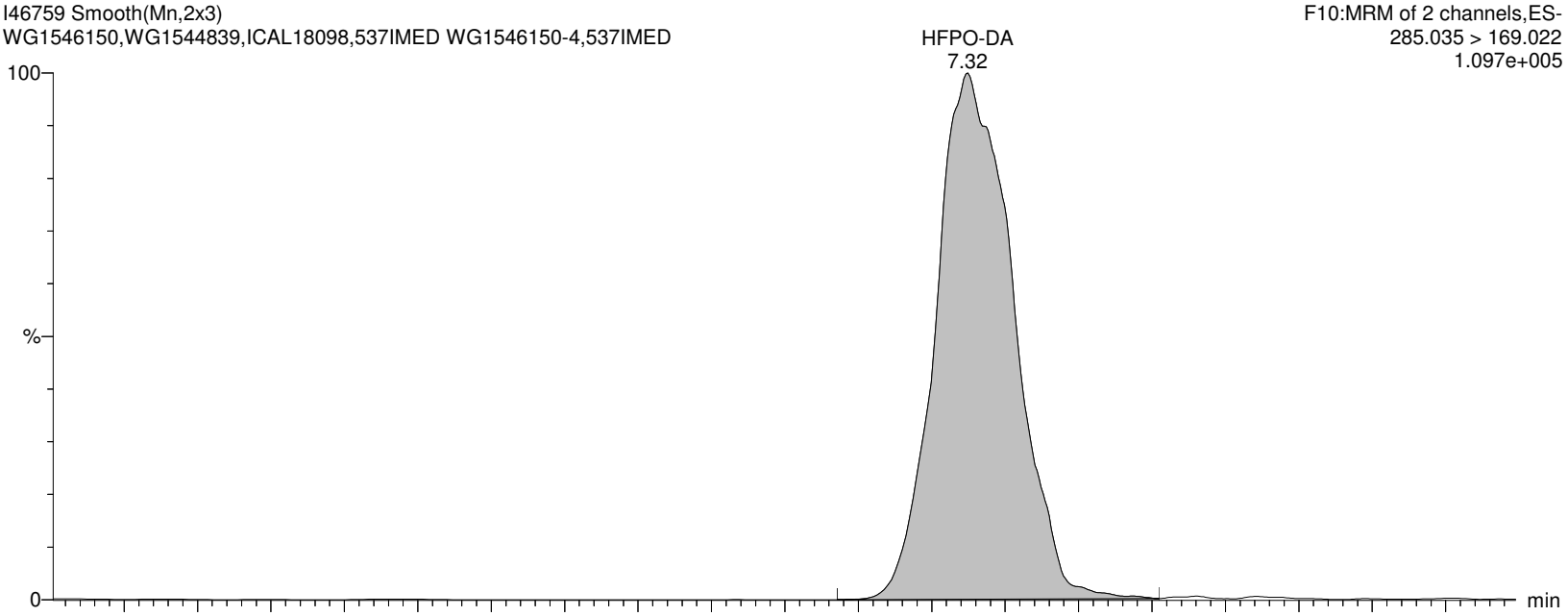


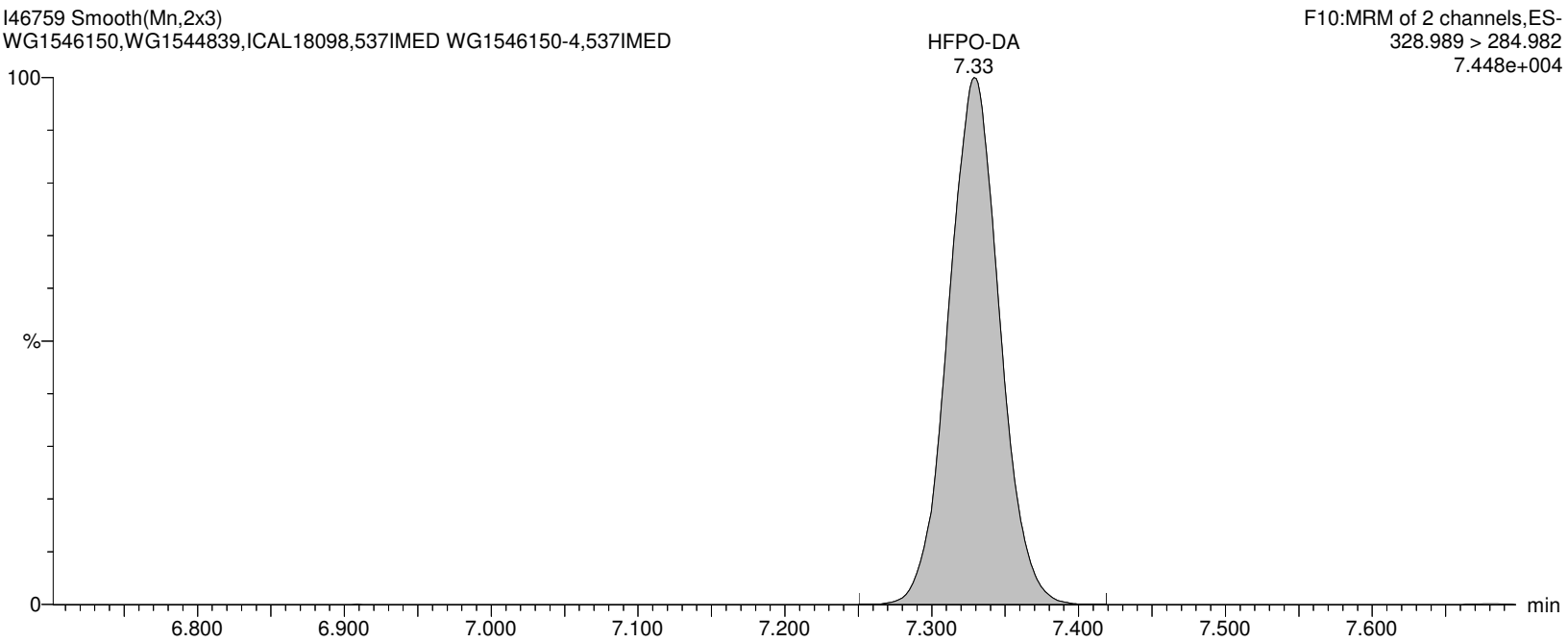
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

HFPO-DA



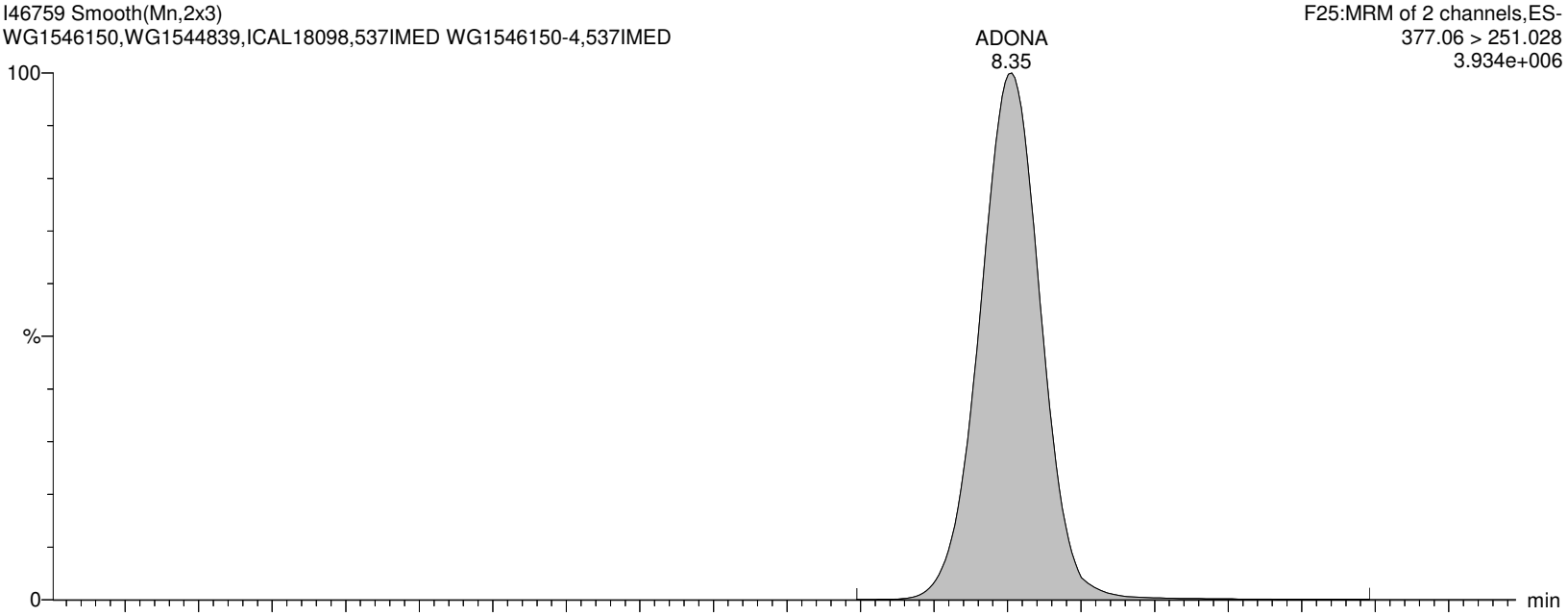


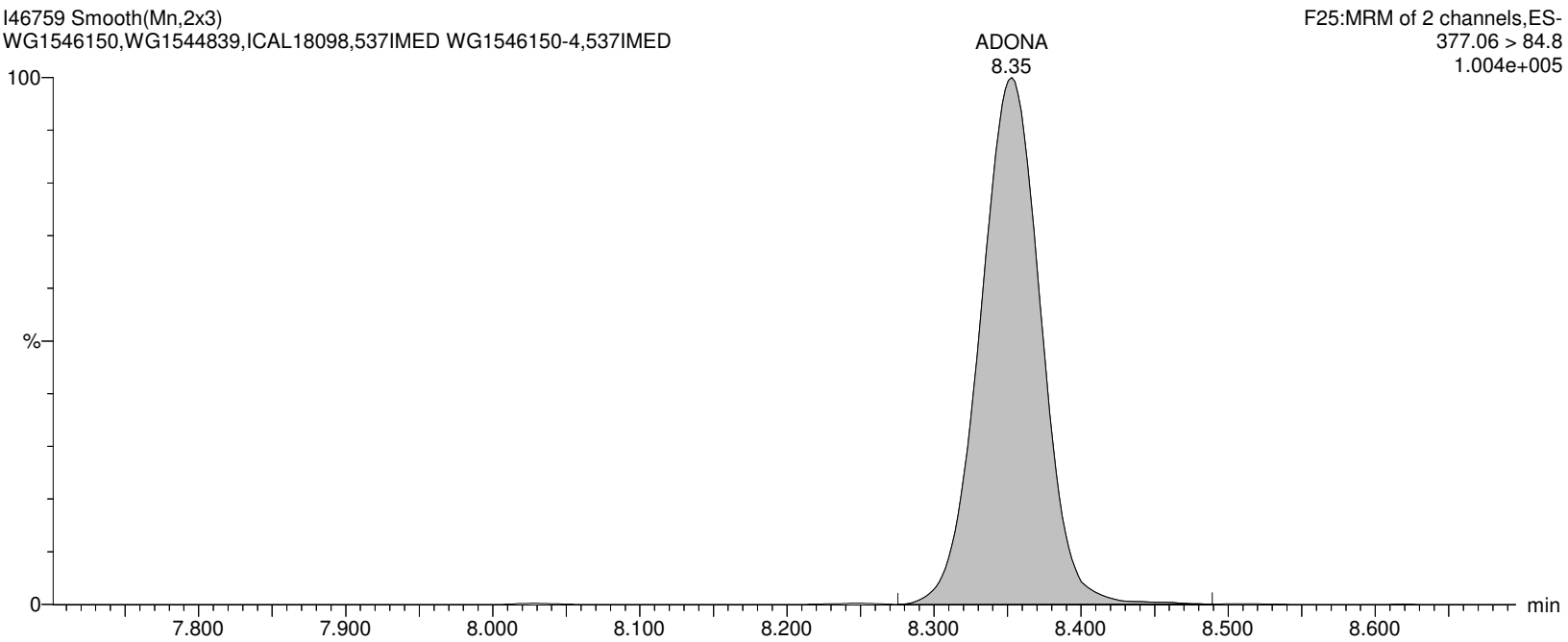
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

ADONA



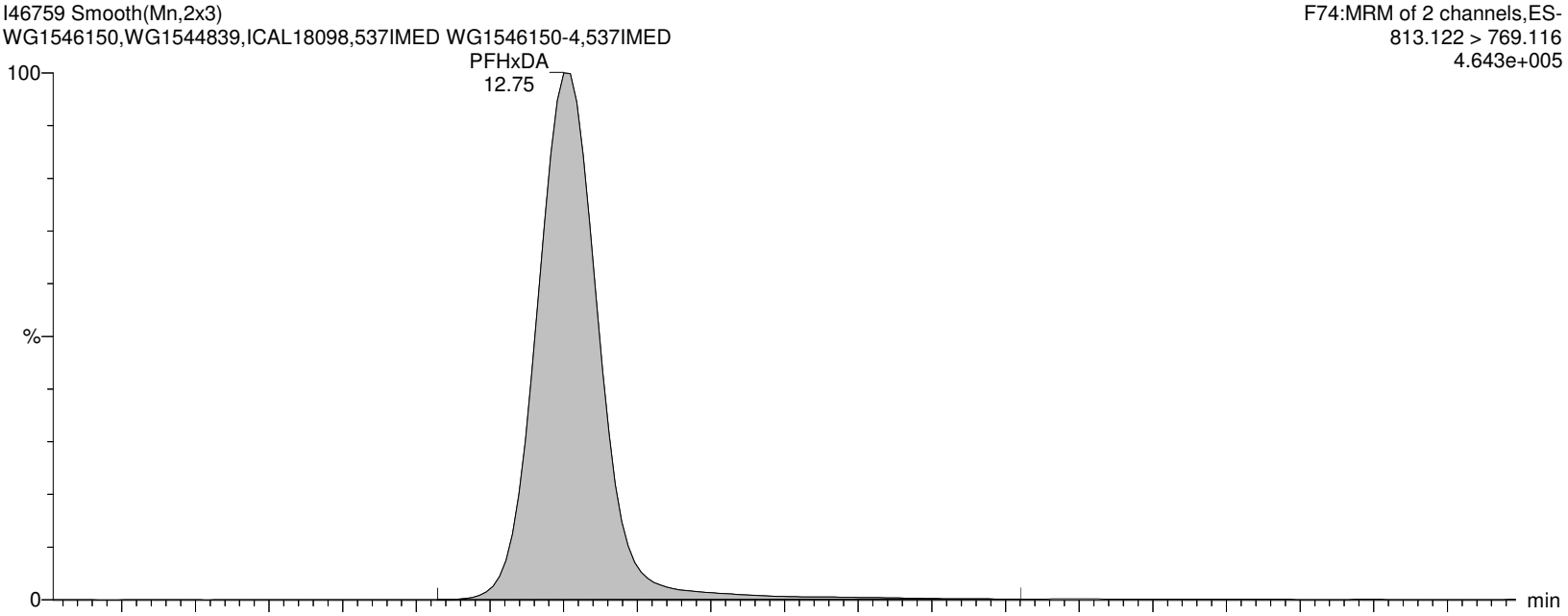


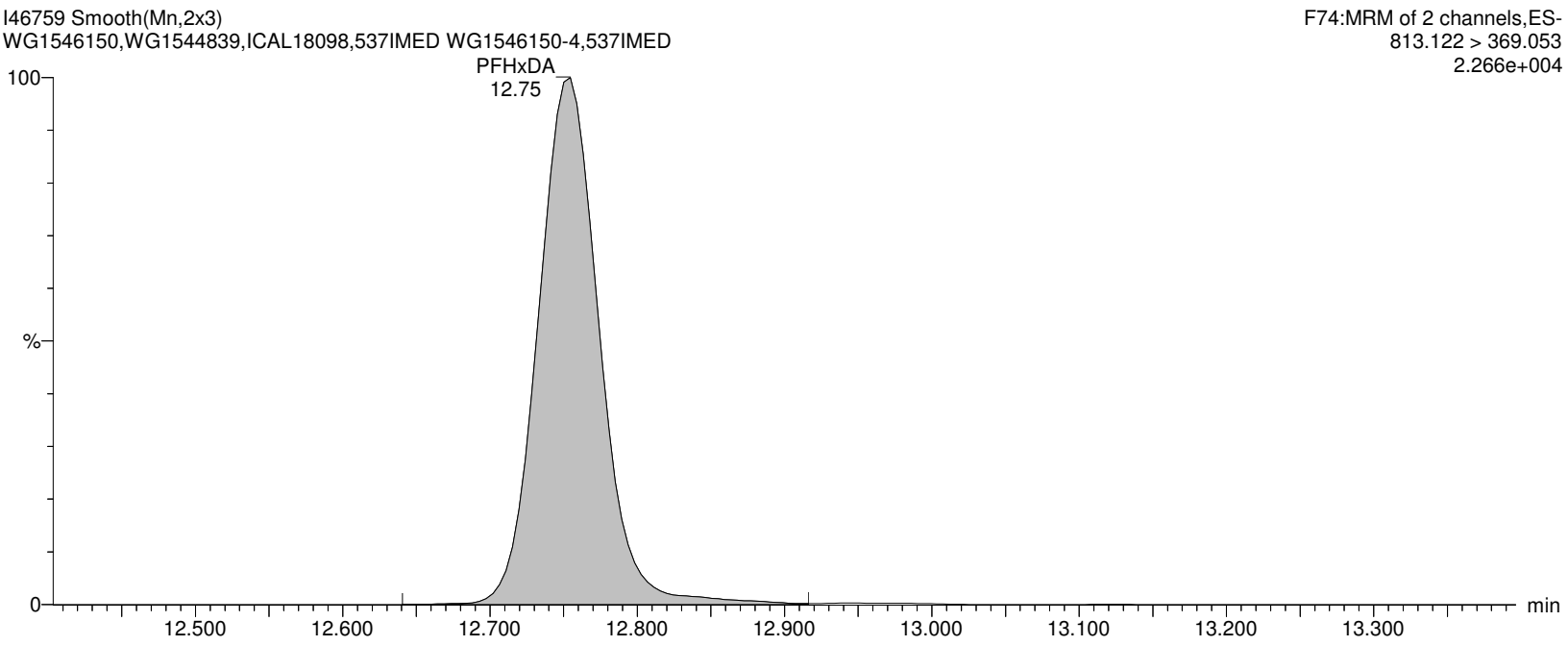
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxDA



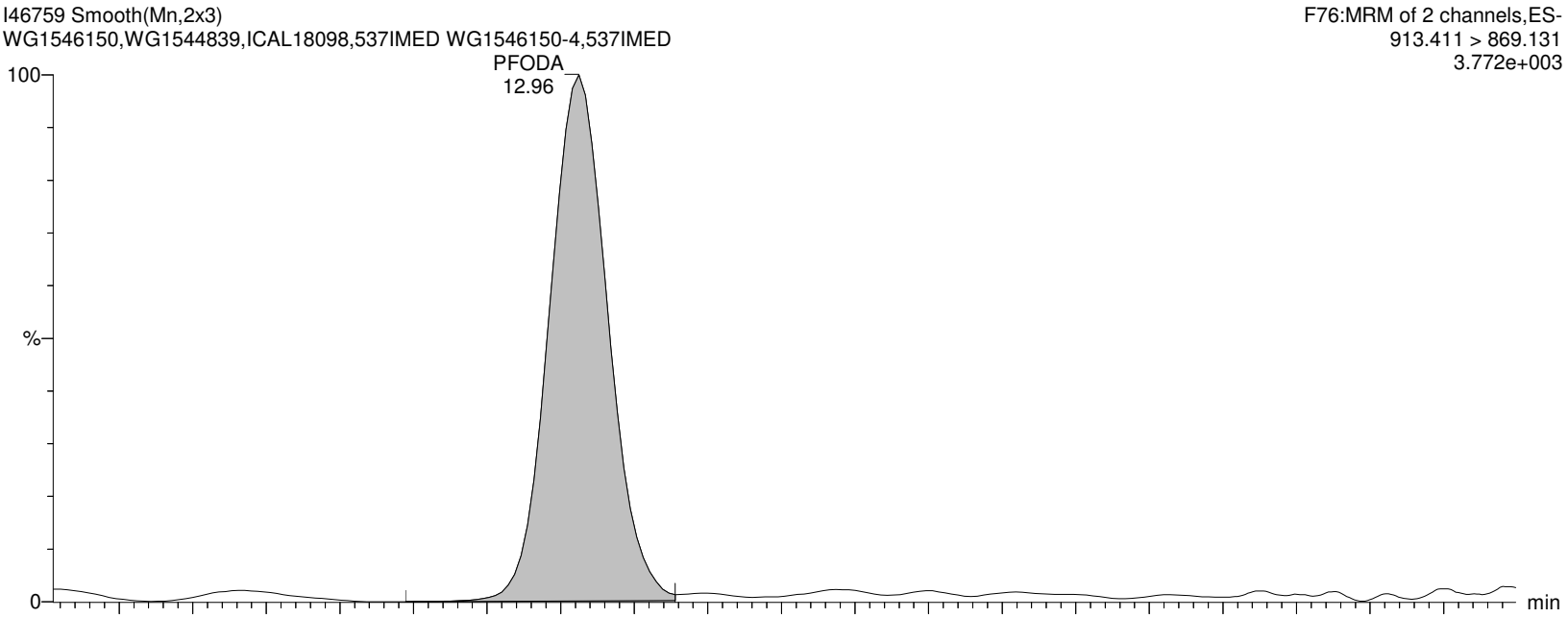


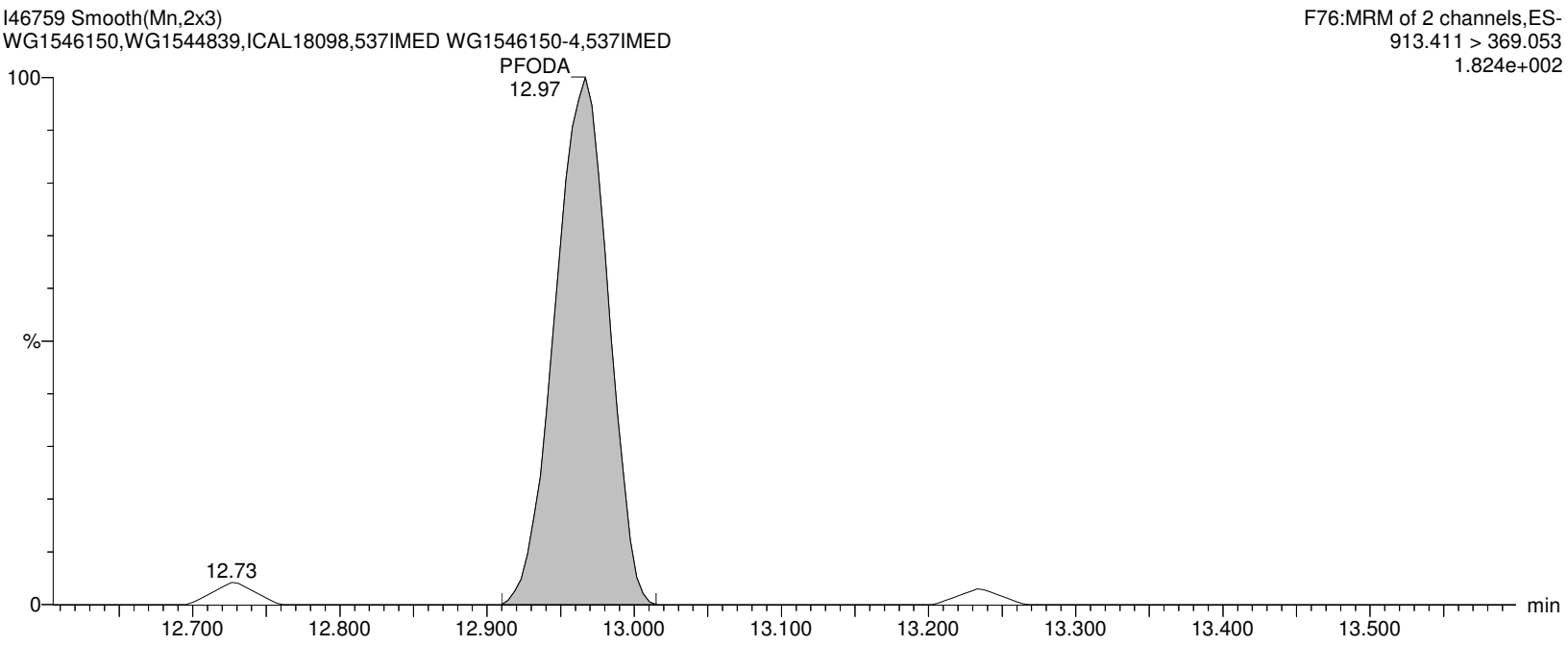
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFODA



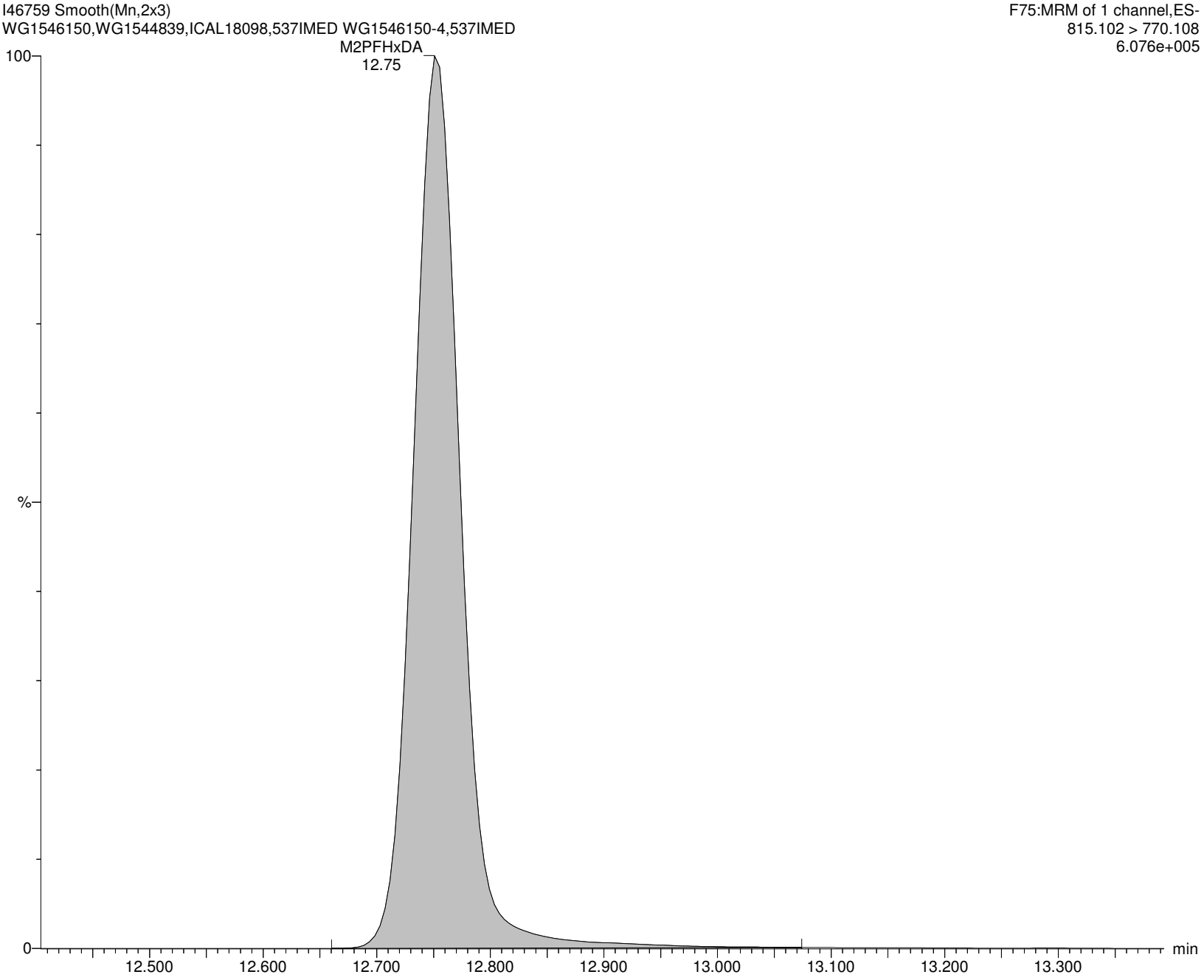


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-C.qld
Last Altered: Wednesday, September 15, 2021 06:51:27 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:55:07 Eastern Daylight Time

Name: I46759
ID: WG1546150-4,537IMED
Date: 15-Sep-2021
Time: 03:46:23
Description: WG1546150,WG1544839,ICAL18098,537IMED
User: LCMS02:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFHxDA



all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210914_537ISO.PRO\MethDB\537ISO_Q_210625_TOP_RT2.mdb 03 Sep 2021 08:44:20
Calibration: C:\MassLynx\Data\2021\210914_537ISO.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

ID: WG1546150-5,537ILOW
Name: I46773
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:SG
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.12	213.032 > 169.022	5294		0.486		na	97.3
2	M3PFBA	INT STD	2.12	216.009 > 171.999	107900		20.553		na	205.5
3	MPFBA	INT STD	2.12	217.001 > 171.999	122301		10.542		na	105.4
4	PFPeA	2706-90-3	5.00	263.039 > 219.03	5395		0.486		na	97.3
5	M5PFPEA	INT STD	4.99	268.001 > 222.999	117878		9.259		na	92.6
6	PFBS	375-73-5	5.65	299.092 > 80.062	1248		0.441	2.04	NO	99.8
7	M3PFBS	INT STD	5.65	302.069 > 80.062	26017		9.608		na	96.1
8	4:2FTS	757124-72-4	6.81	327.146 > 307.139	444		0.499	2.41	NO	106.7
9	M2-4:2FTS	INT STD	6.81	329.13 > 309.124	9063		8.353		na	83.5
10	PFHxA	307-24-4	6.89	313.047 > 269.037	6813		0.503	15.29	NO	100.5
11	M5PFHxA	INT STD	6.89	318.009 > 273.007	127755		11.012		na	110.1
12	PFPeS	2706-91-4	7.21	349.1 > 80.062	1285		0.470	2.39	NO	100.0
13	PFHpA	375-85-9	8.15	363.055 > 319.045	9531		0.493	5.27	NO	98.6
14	M4PFHpA	INT STD	8.15	367.025 > 322.022	191155		11.052		na	110.5
15	br-PFHxS	355-46-4	8.09	399.107 > 80.062	215	M5,M7	0.083	1.65	NO	97.3
16	L-PFHxS	355-46-4	8.32	399.107 > 80.062	1161		0.340	1.49	NO	91.9
17	PFHxS	355-46-4		399.107 > 80.062	1376		0.423		na	
18	M3PFHxS	INT STD	8.31	402.084 > 80.062	31295		10.191		na	101.9
19	br-PFOA	335-67-1		413.063 > 369.053			ND		YES	
20	L-PFOA	335-67-1	9.09	413.063 > 369.053	10308		0.564	8.62	NO	112.8
21	PFOA	335-67-1		413.063 > 369.053	10308		0.564		na	
22	M8PFOA	INT STD	9.09	421.002 > 376.	189618		9.844		na	98.4
23	M2PFOA	INT STD	9.09	415.048 > 370.045	189732		17.914		na	179.1
24	6:2FTS	27619-97-2	9.05	427.161 > 407.155	528		0.510	3.97	NO	107.4
25	M2-6:2FTS	INT STD	9.05	429.146 > 409.14	10434		9.366		na	93.7
26	PFHpS	375-92-8	9.18	449.115 > 80.062	889		0.438	1.09	NO	92.2
27	PFNA	375-95-1	9.85	463.071 > 419.061	7213		0.488	3.71	NO	97.6
28	M9PFNA	INT STD	9.85	472.002 > 427.	59196		10.699		na	107.0
29	br-PFOS	1763-23-1	9.72	499.123 > 80.062	304	M5,M7	0.099	2.26	NO	98.8
30	L-PFOS	1763-23-1	9.90	499.123 > 80.062	1005		0.403	1.67	NO	110.3
31	PFOS	1763-23-1		499.123 > 80.062	1309		0.501		na	
32	M4PFOS	INT STD	9.90	503.093 > 80.062	24542		21.683		na	216.8
33	M8PFOS	INT STD	9.90	507.062 > 80.062	28353		10.310		na	103.1
34	PFDA	335-76-2	10.48	513.078 > 469.069	6775		0.493	5.13	NO	98.5
35	M2PFDA	INT STD	10.48	515.053 > 469.934	113783		18.652		na	186.5
36	M6PFDA	INT STD	10.48	519.033 > 474.03	138165		10.698		na	107.0
37	8:2FTS	39108-34-4	10.47	527.177 > 507.171	243	M7	0.488	6.94	NO	101.7
38	M2-8:2FTS	INT STD	10.47	529.162 > 509.155	7619		9.304		na	93.0
39	PFNS	68259-12-1	10.52	549.131 > 80.062	958		0.437	1.30	NO	91.1

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

ID: WG1546150-5,537ILOW
Name: I46773
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:SG
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.87	573.22 > 419.061	11170		9.177		na	91.8
41	br-NMeFOSAA		10.73	570.202 > 419.061	54	M7	0.124	1.21	NO	103.6
42	L-NMeFOSAA		10.88	570.202 > 419.061	457		0.375	2.49	NO	98.7
43	NMeFOSAA	2355-31-9		570.202 > 419.061	510		0.500		na	
44	PFUnA	2058-94-8	11.03	563.086 > 519.076	6661		0.509	9.45	NO	101.8
45	M7-PFUDA	INT STD	11.03	570.033 > 525.031	129723		10.770		na	107.7
46	PFDS	335-77-3	11.04	599.139 > 80.062	1153		0.490	1.75	NO	101.5
47	FOSA	754-91-6	10.96	498.146 > 78.07	4516	M7	0.635	135.06	NO	126.9
48	M8FOSA	INT STD	10.96	506.077 > 78.07	83124		11.888		na	118.9
49	br-NEtFOSAA		10.94	584.229 > 419.061	25	M5,M7	0.075	0.99	YES	67.1
50	L-NEtFOSAA		11.17	584.229 > 419.061	363		0.367	1.21	NO	94.7
51	NEtFOSAA	2991-50-6		584.229 > 419.061	388		0.443		na	
52	d5-NEtFOSAA	INT STD	11.16	589.259 > 419.061	10025		9.966		na	99.7
53	PFDoA	307-55-1	11.50	613.094 > 569.084	6109		0.471	21.99	NO	94.2
54	MPFDOA	INT STD	11.50	615.079 > 570.077	123471		10.626		na	106.3
55	PFTrDA	72629-94-8	11.92	663.102 > 619.092	5166		0.580	12.50	NO	115.9
56	PFTA	376-06-7	12.29	713.11 > 669.1	2834		0.464	8.92	NO	92.9
57	M2PFTEDA	INT STD	12.29	715.094 > 670.092	31354		8.603		na	86.0
58	M3HFPO-DA	INT STD	7.31	287.02 > 169.022	12157		226.474		na	113.2
59	HFPO-DA	13252-13-6	7.31	285.035 > 169.022	350	M7	5.937	4.50	NO	118.7
60	ADONA	958445-44-8	8.34	377.06 > 251.028	8156		0.542	44.40	NO	114.5
61	PFHxDA		12.74	813.122 > 769.116	1770		0.663	21.79	NO	132.6
62	PFODA		12.96	913.411 > 869.131	69		0.210	28.53	NO	42.1
63	M2PFHxDA		12.74	815.102 > 770.108	40375		7.563		na	75.6

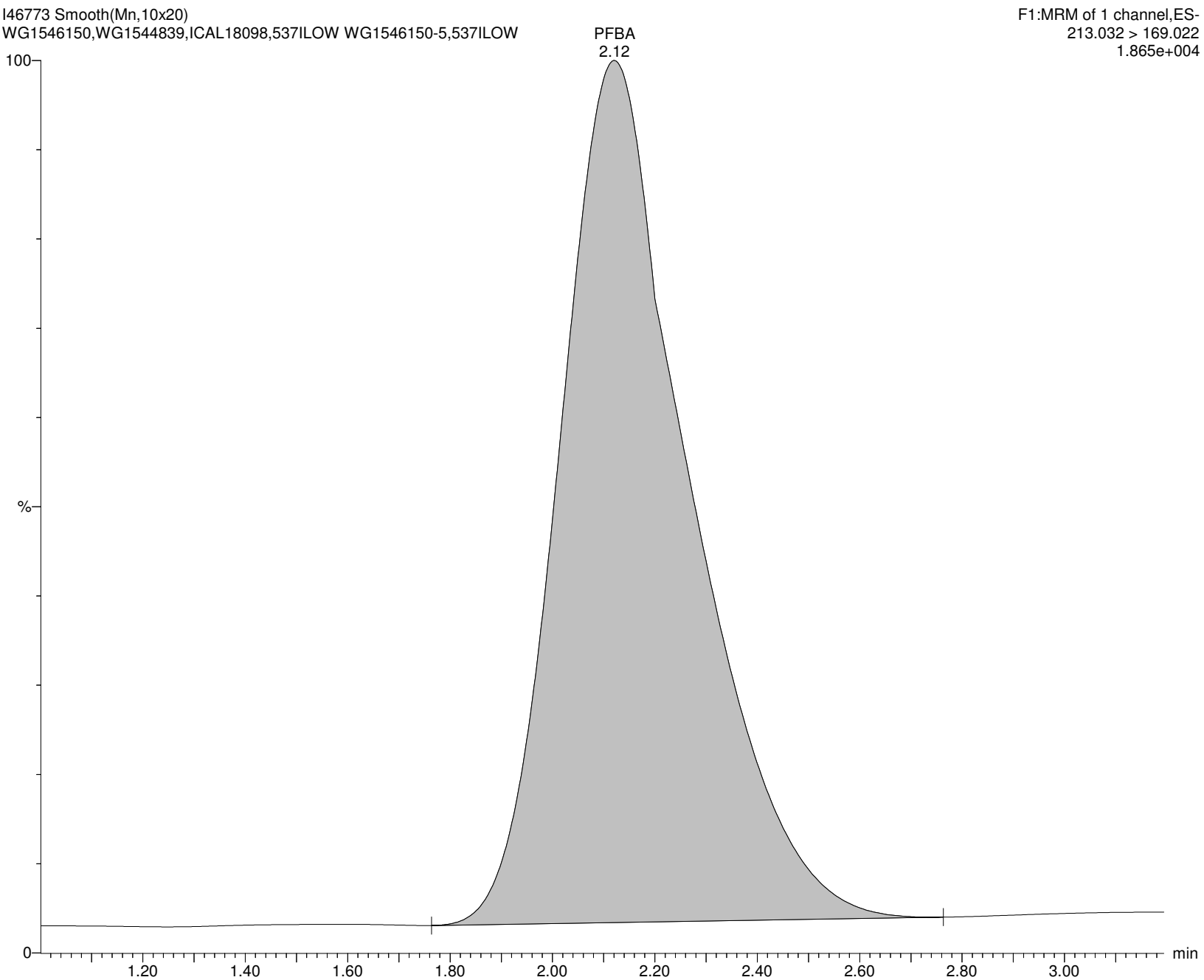
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210914_537ISO.PRO\MethDB\537ISO_Q_210625_TOP_RT2.mdb 03 Sep 2021 08:44:20
Calibration: C:\MassLynx\Data\2021\210914_537ISO.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBA

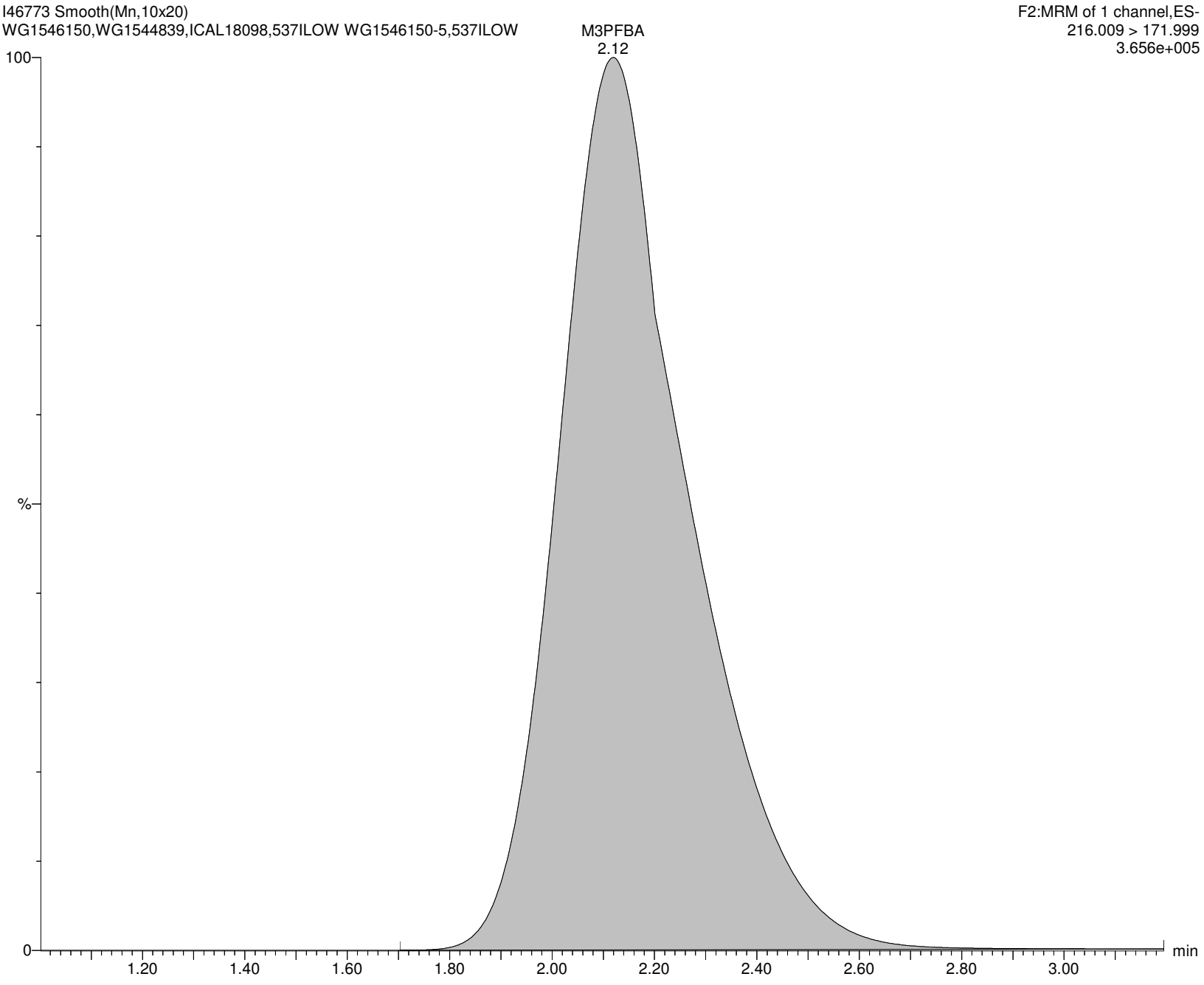


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBA

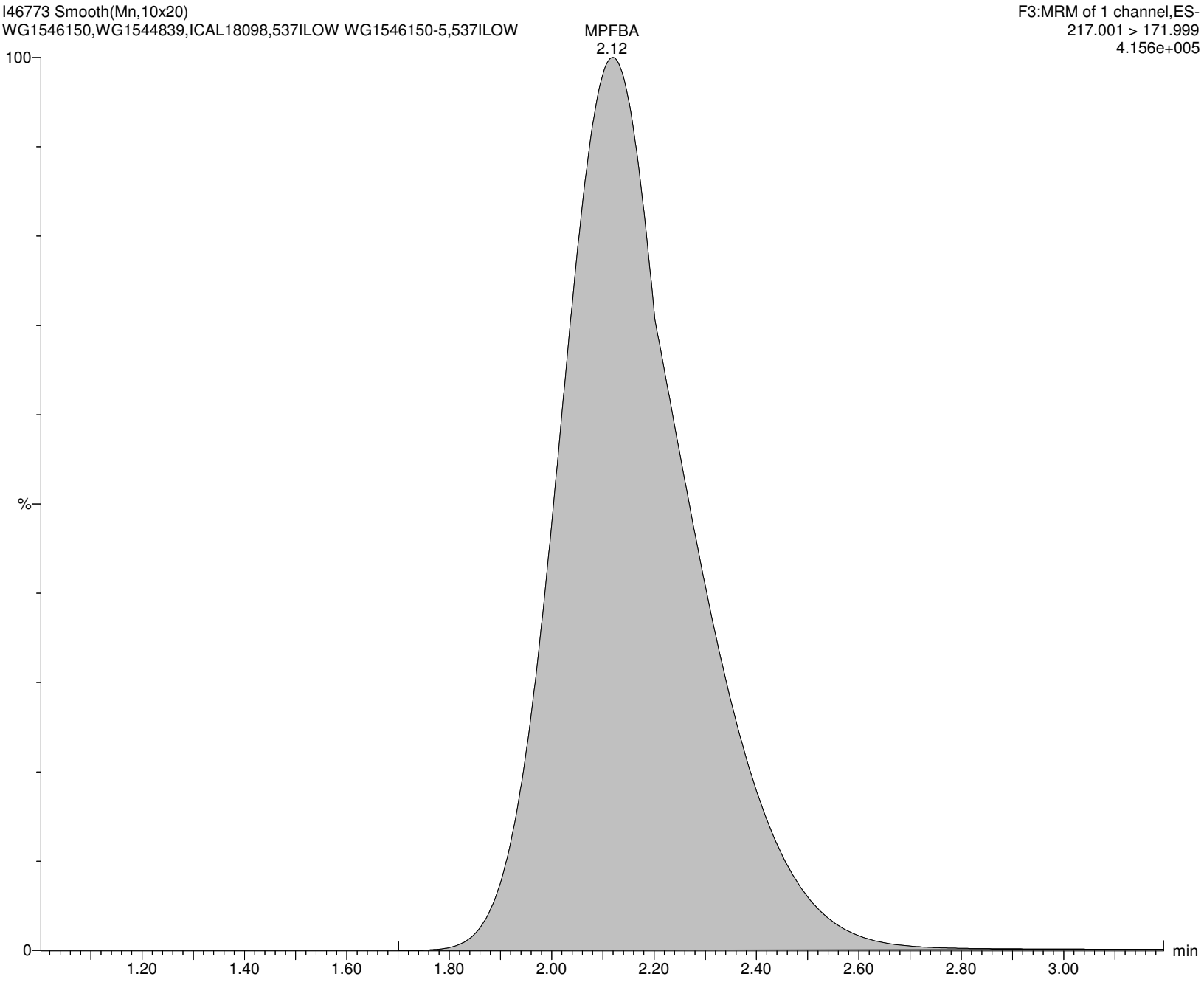


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFBA

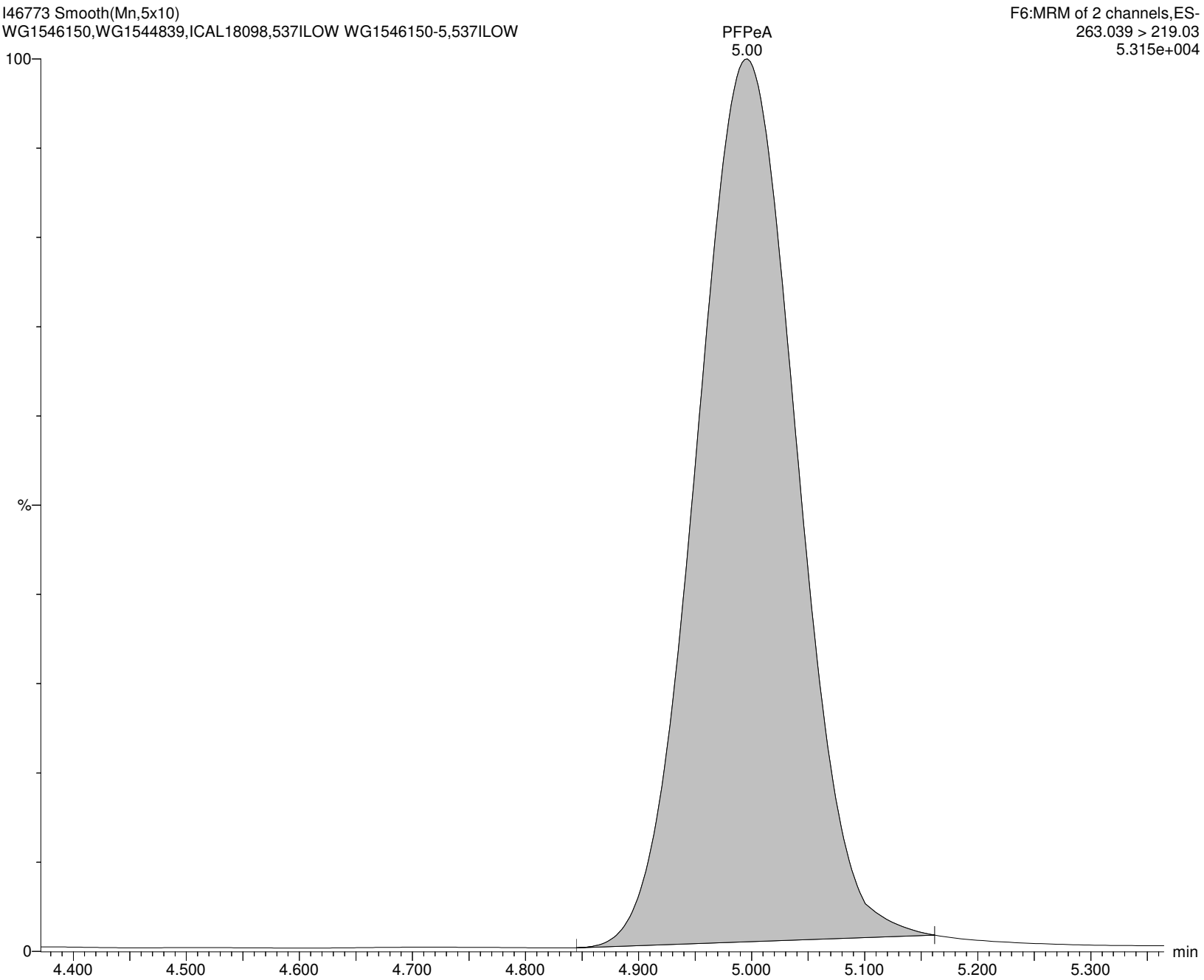


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeA

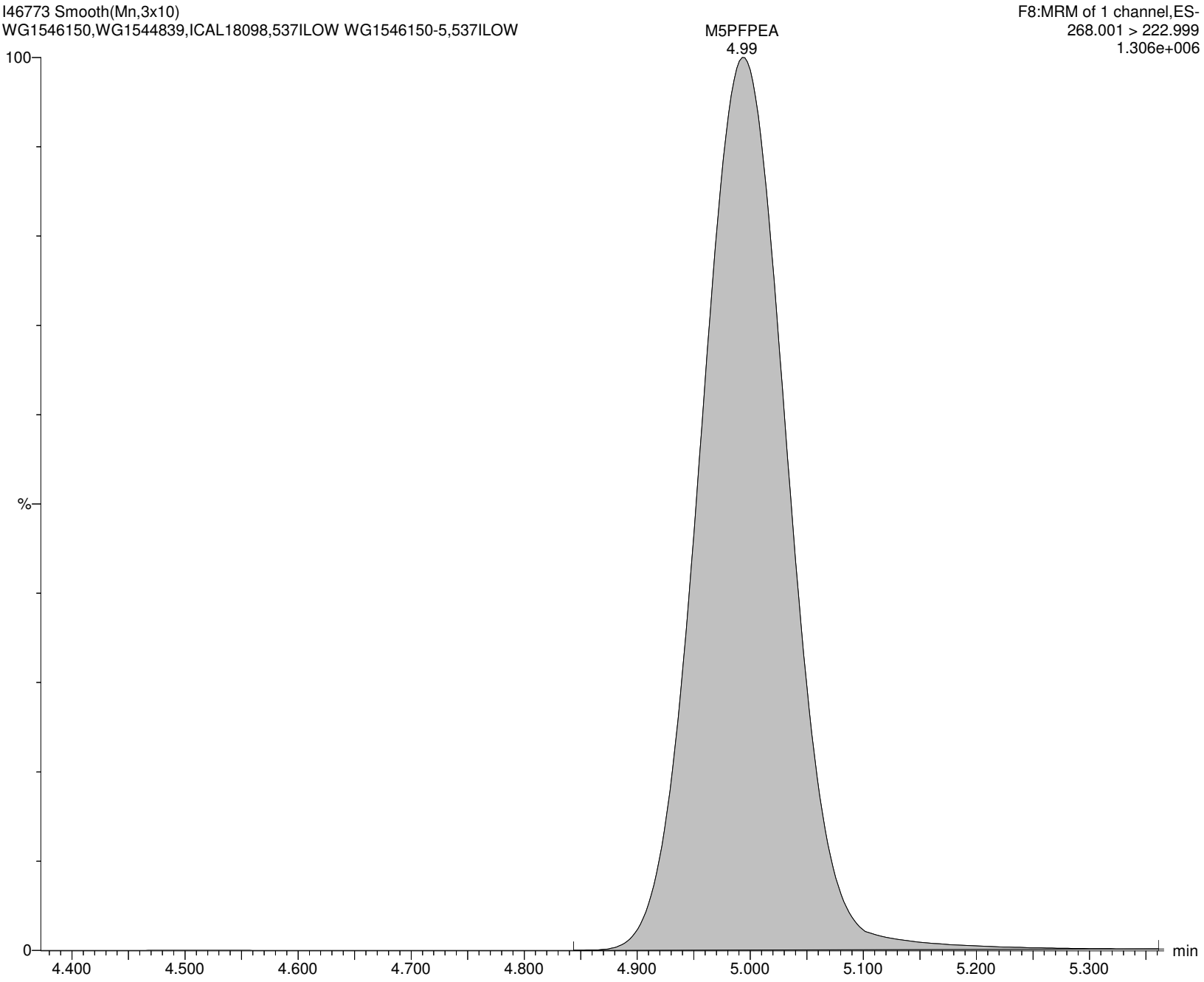


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFPEA

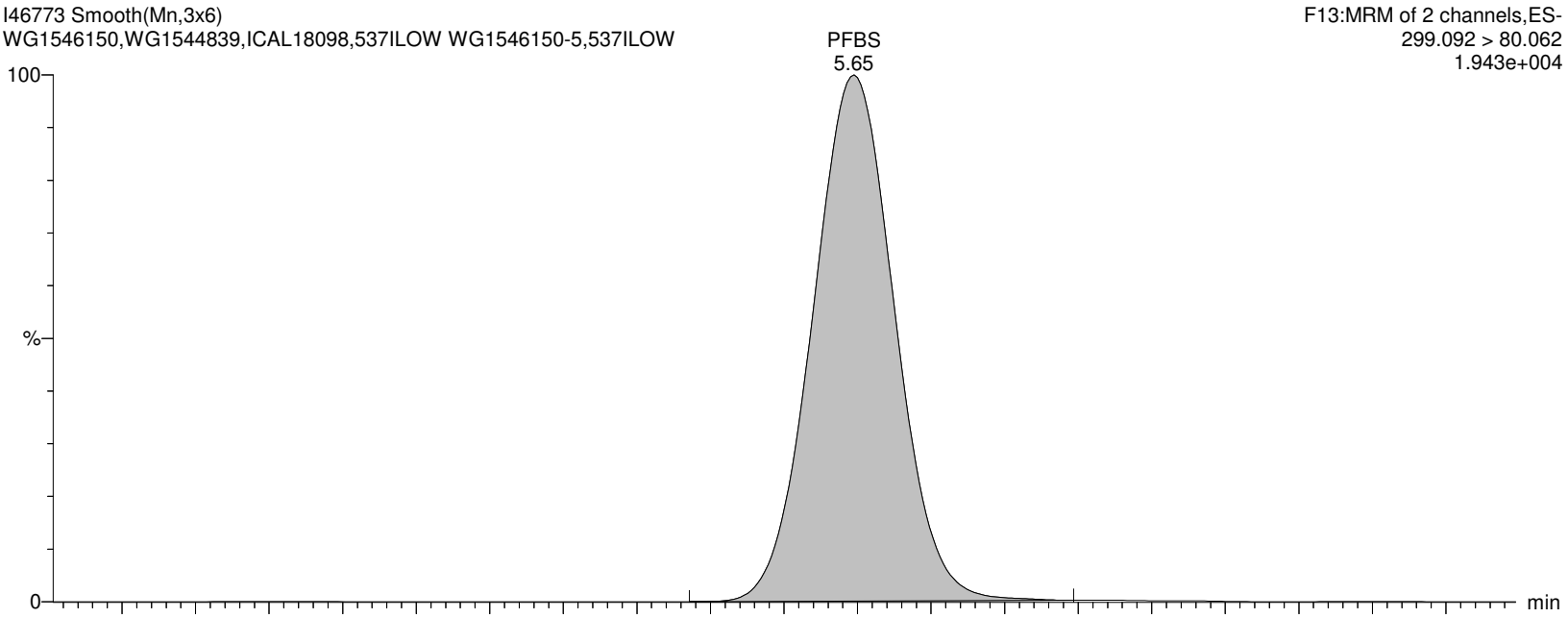


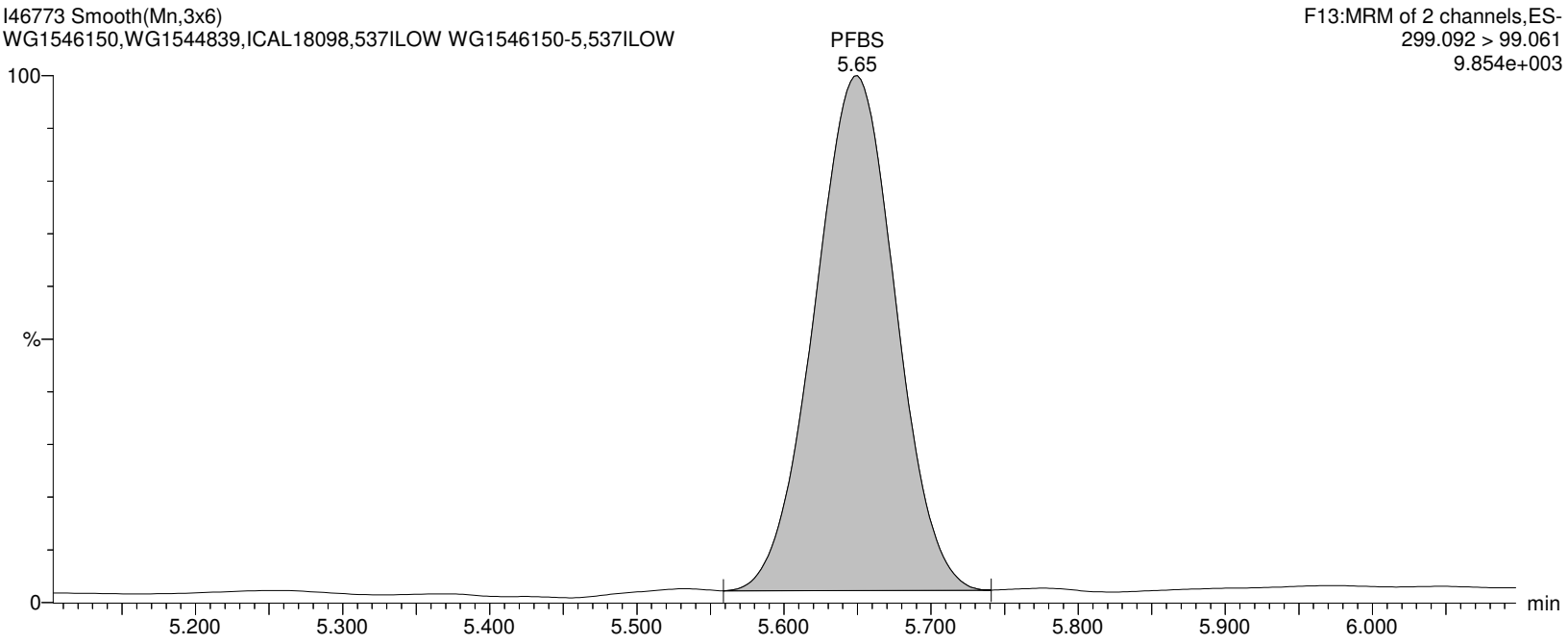
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBS



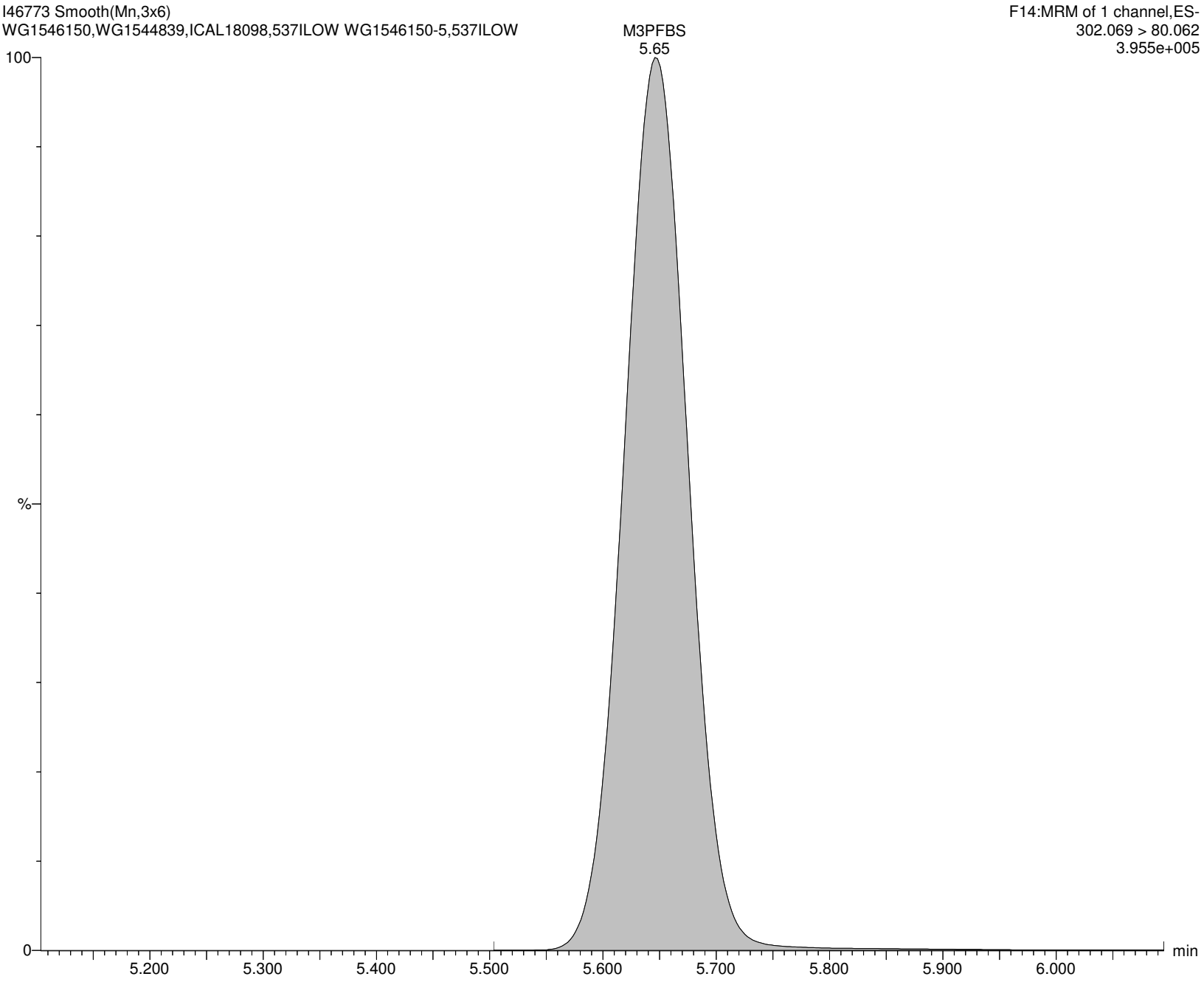


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBS

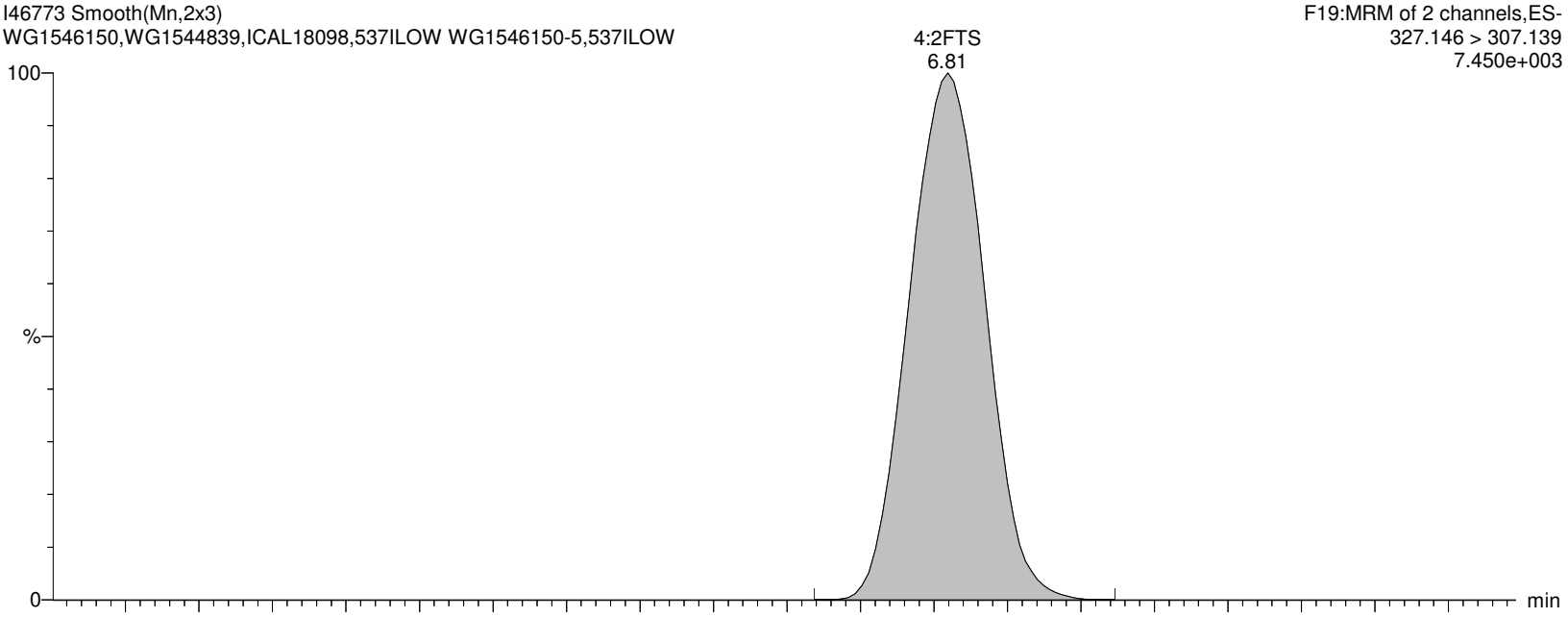


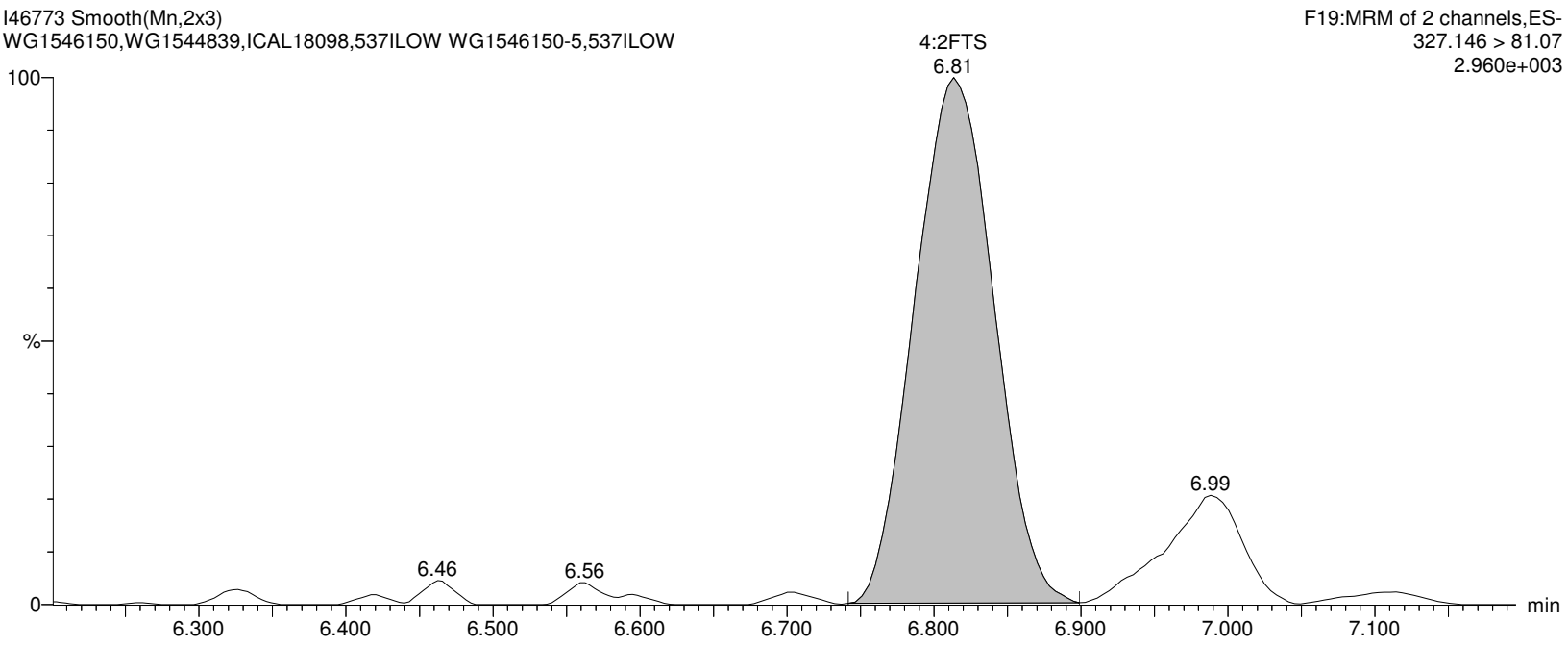
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

4:2FTS



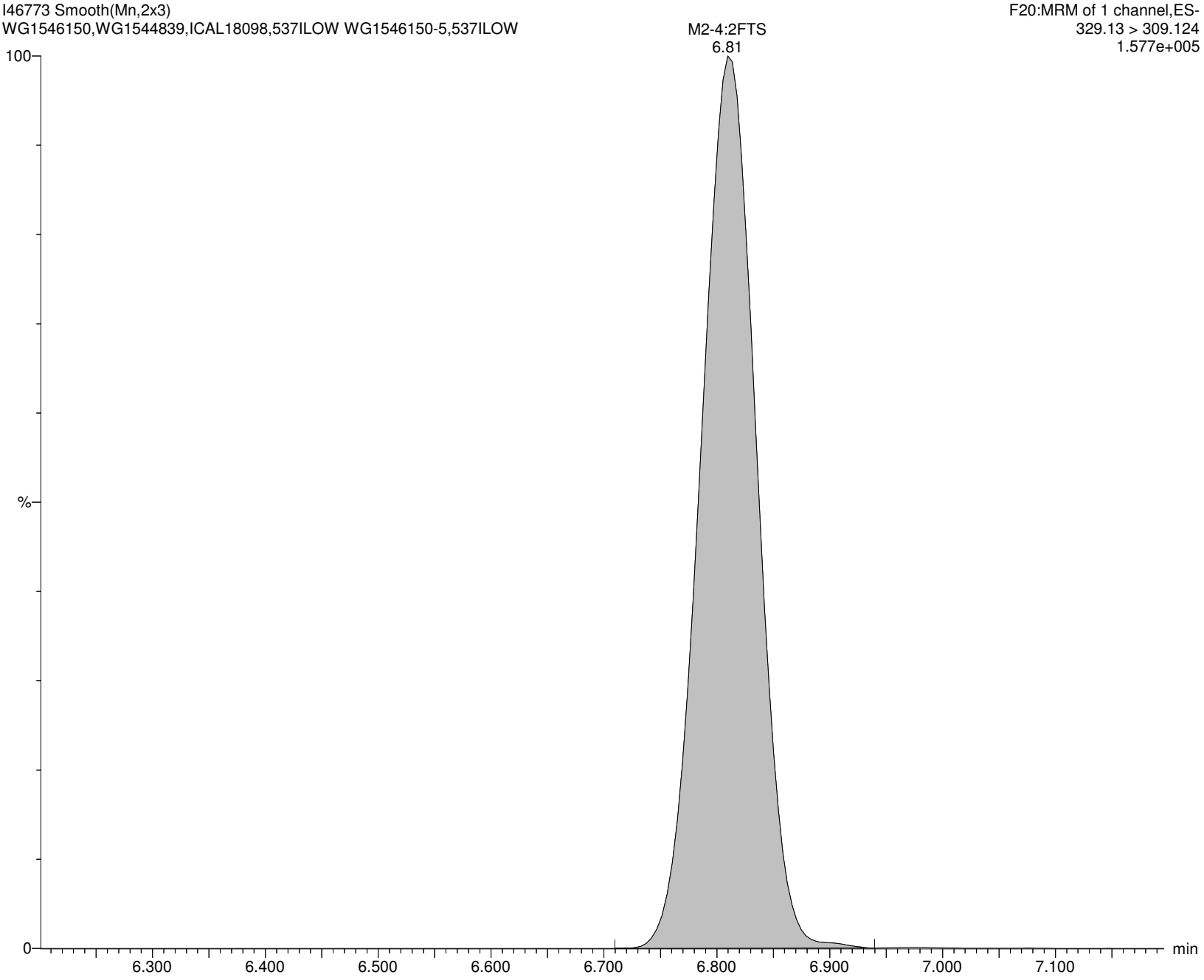


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-4:2FTS

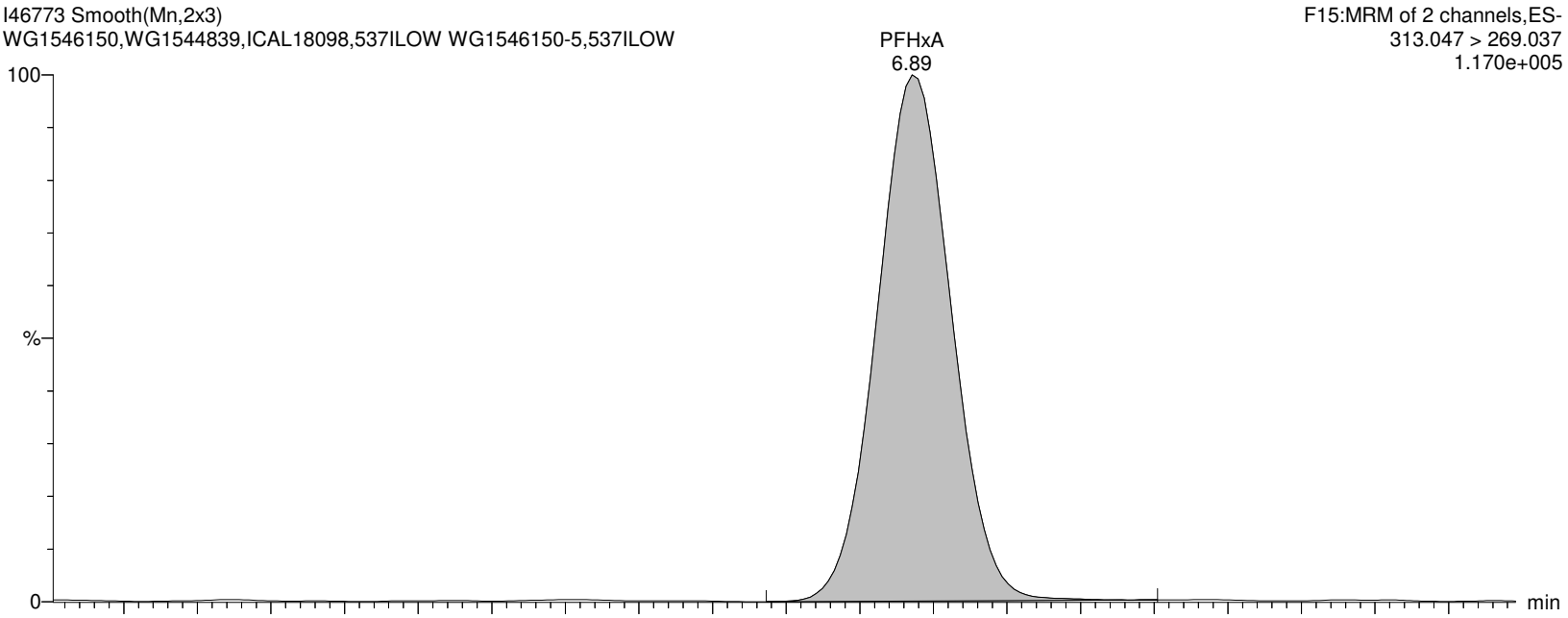


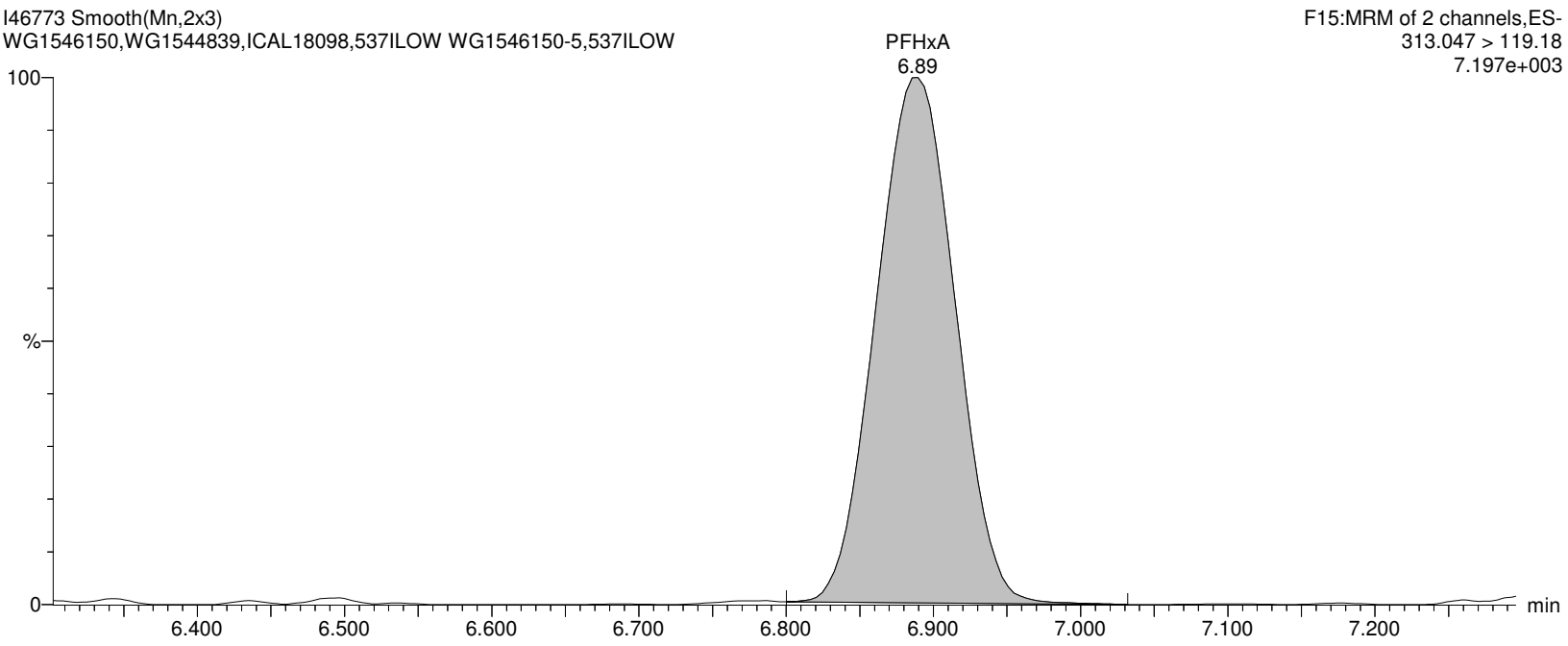
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxA



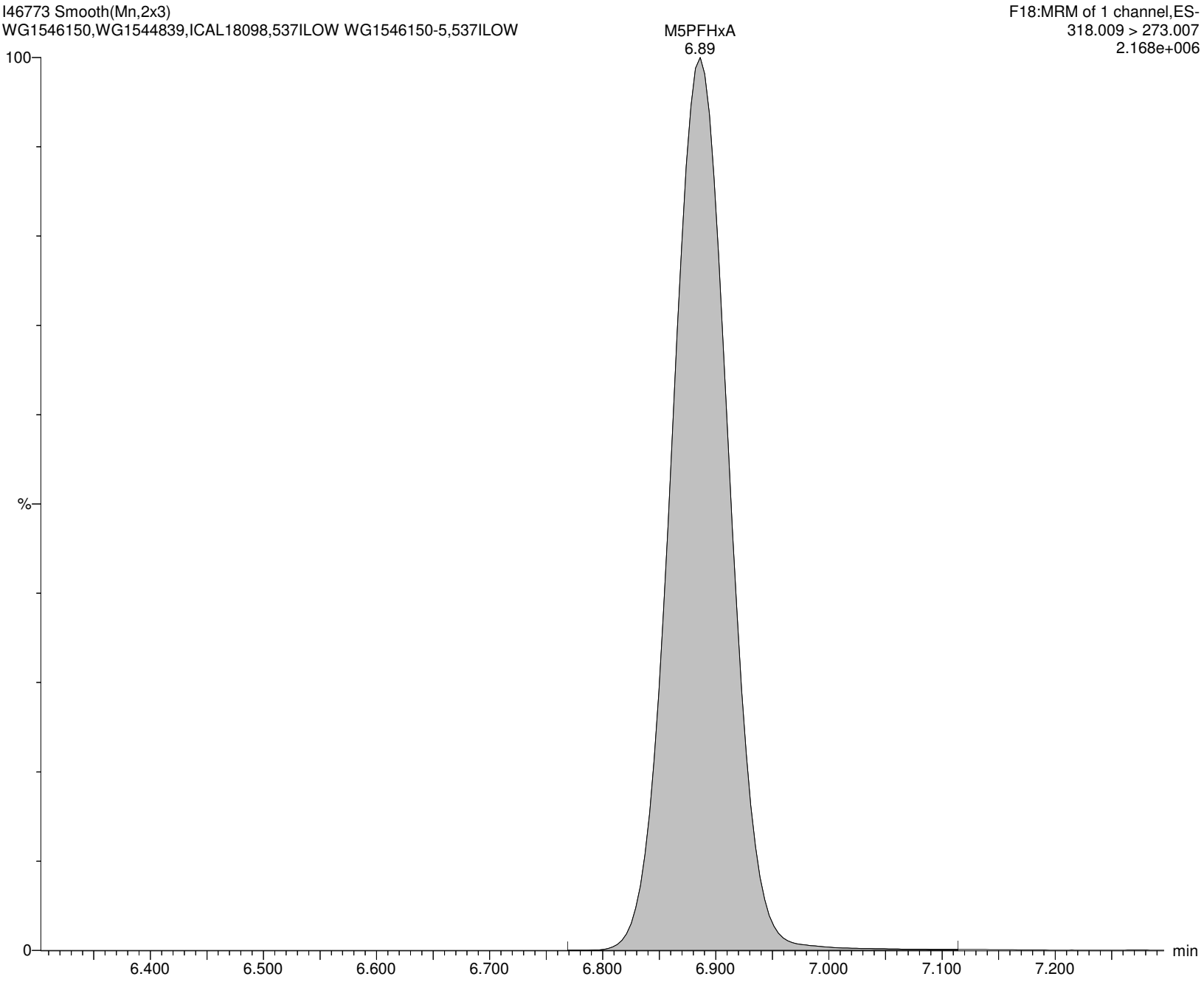


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFHxA

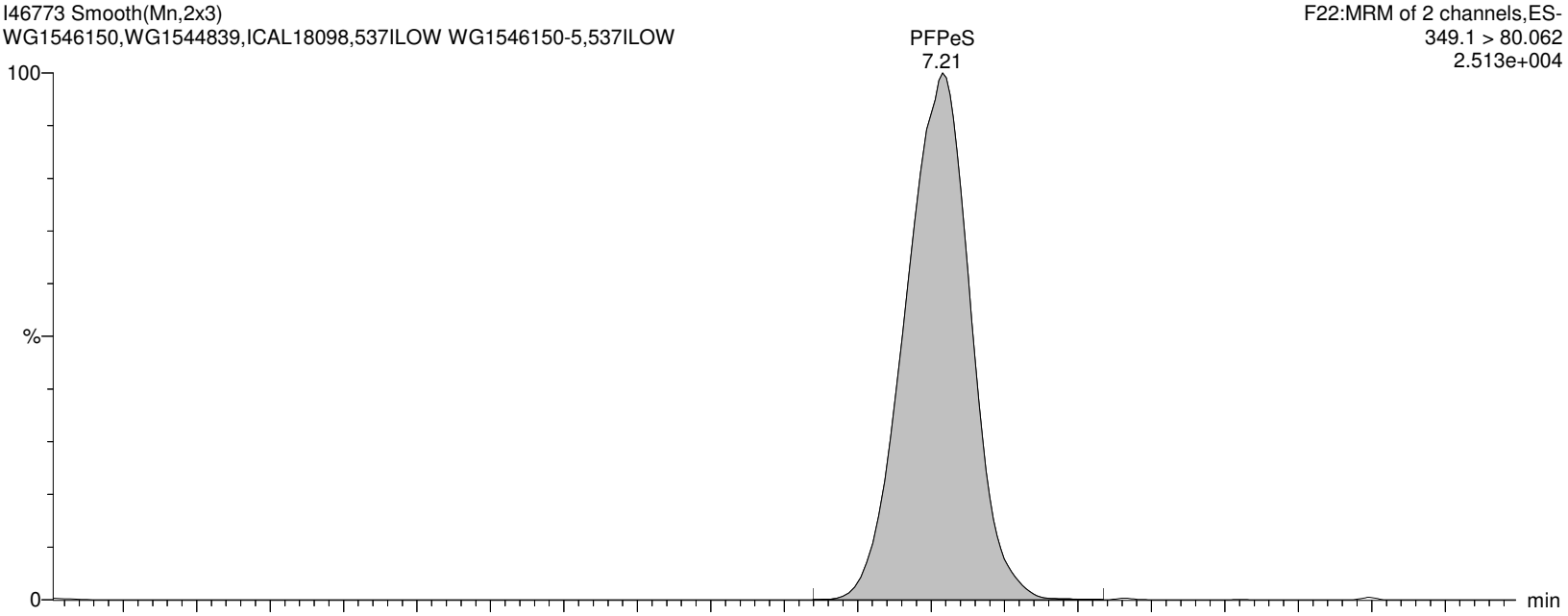


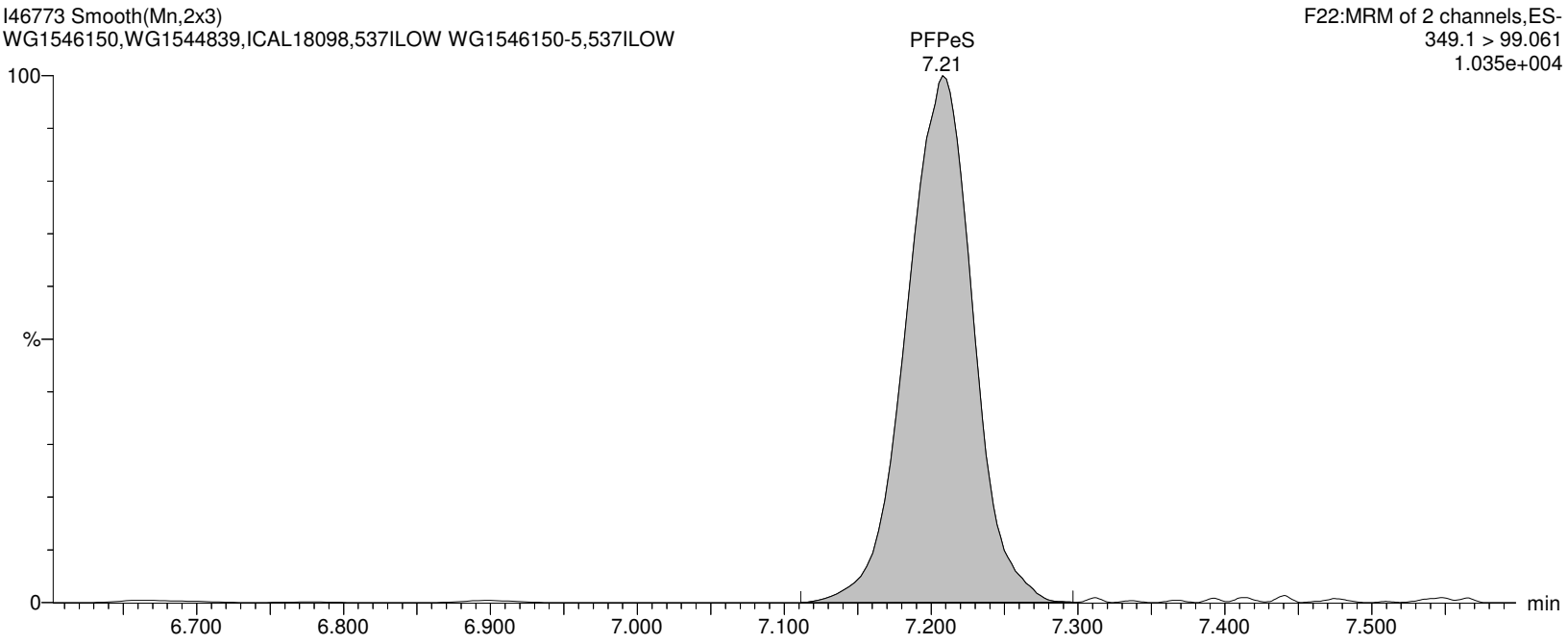
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeS



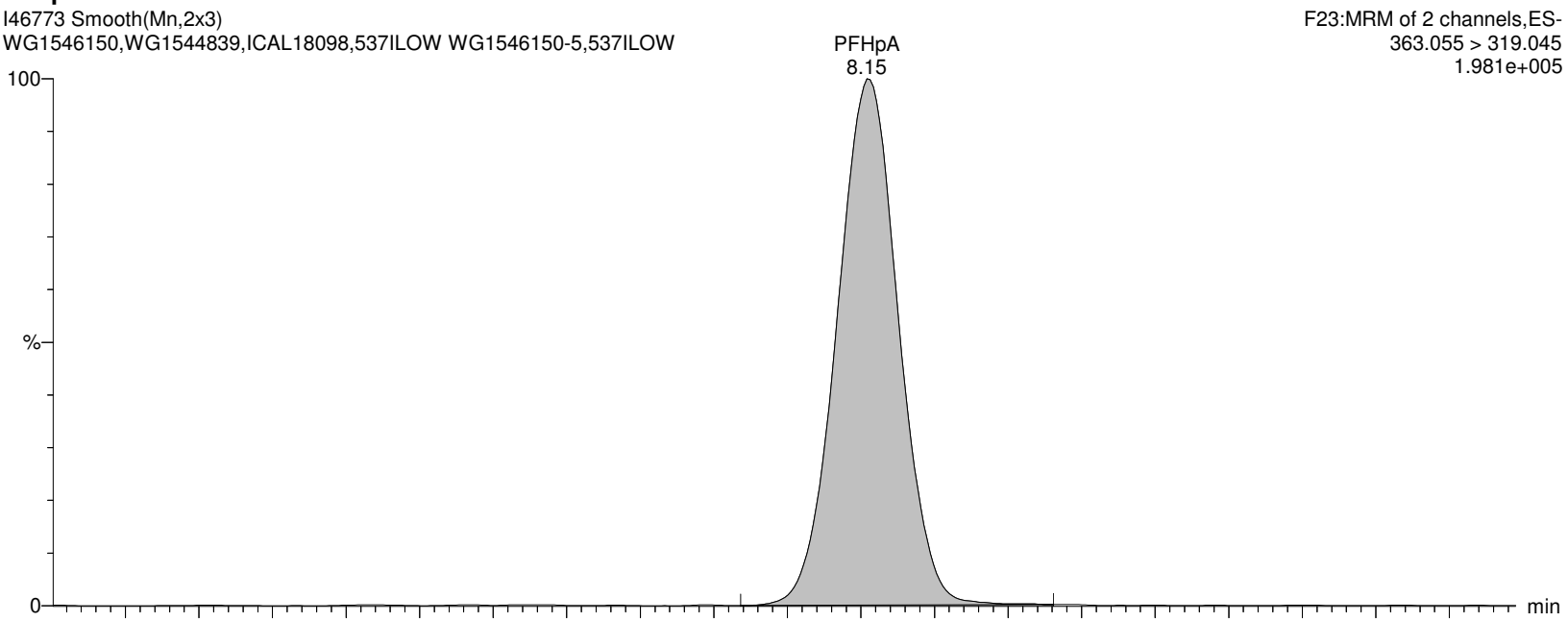


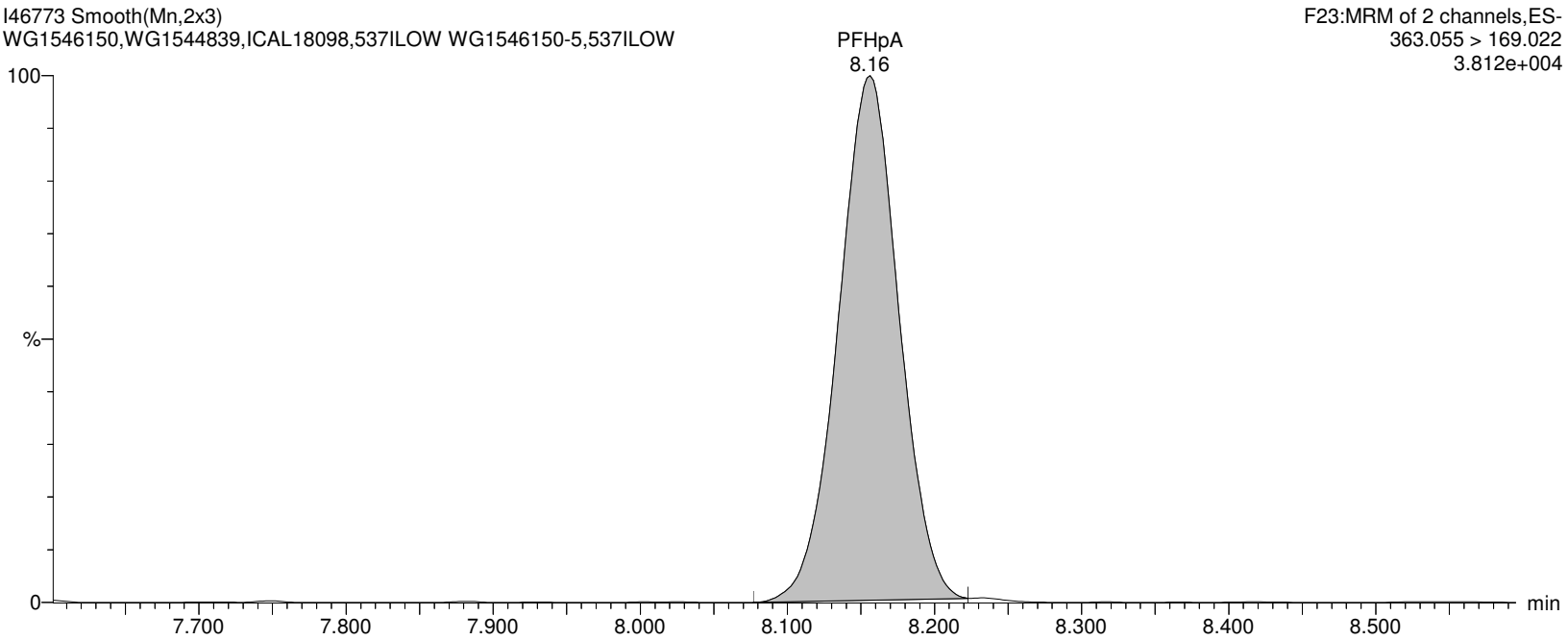
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpA



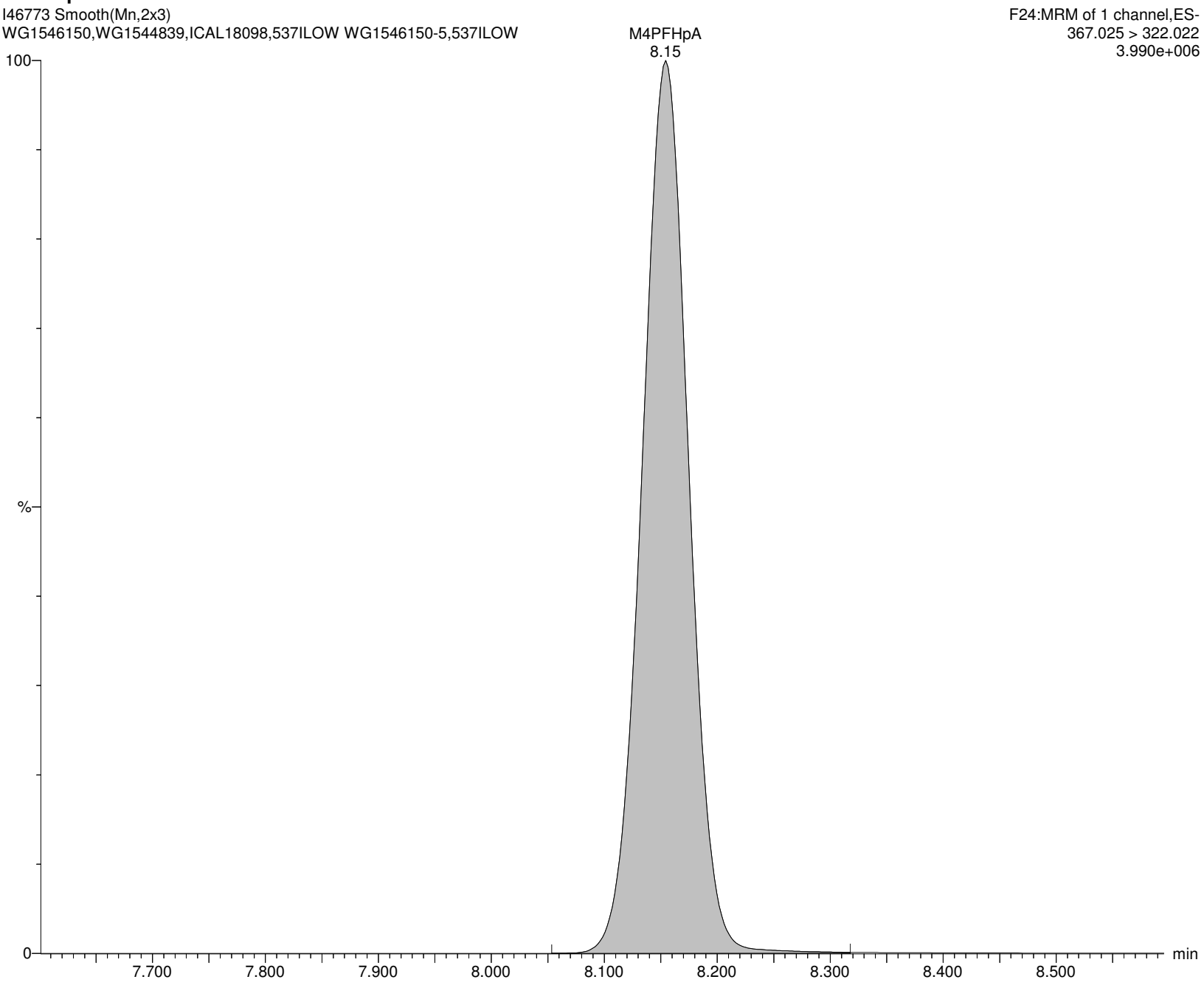


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFHpA

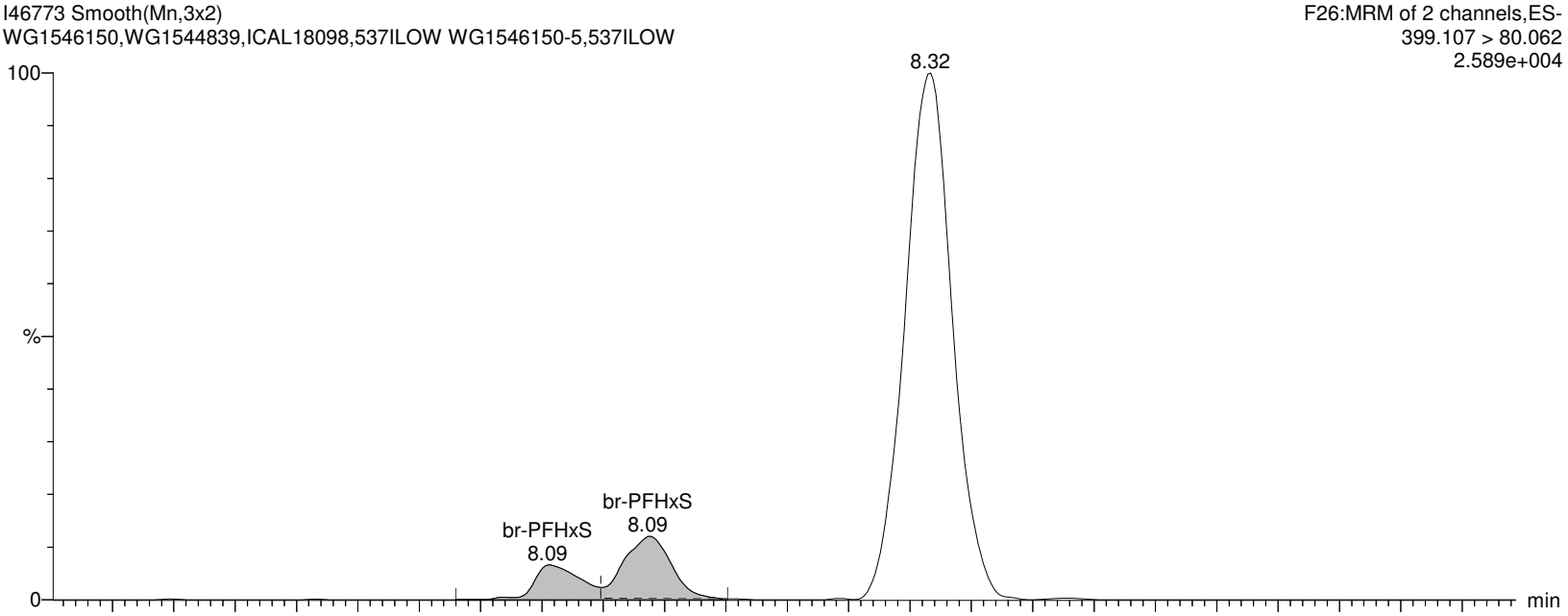


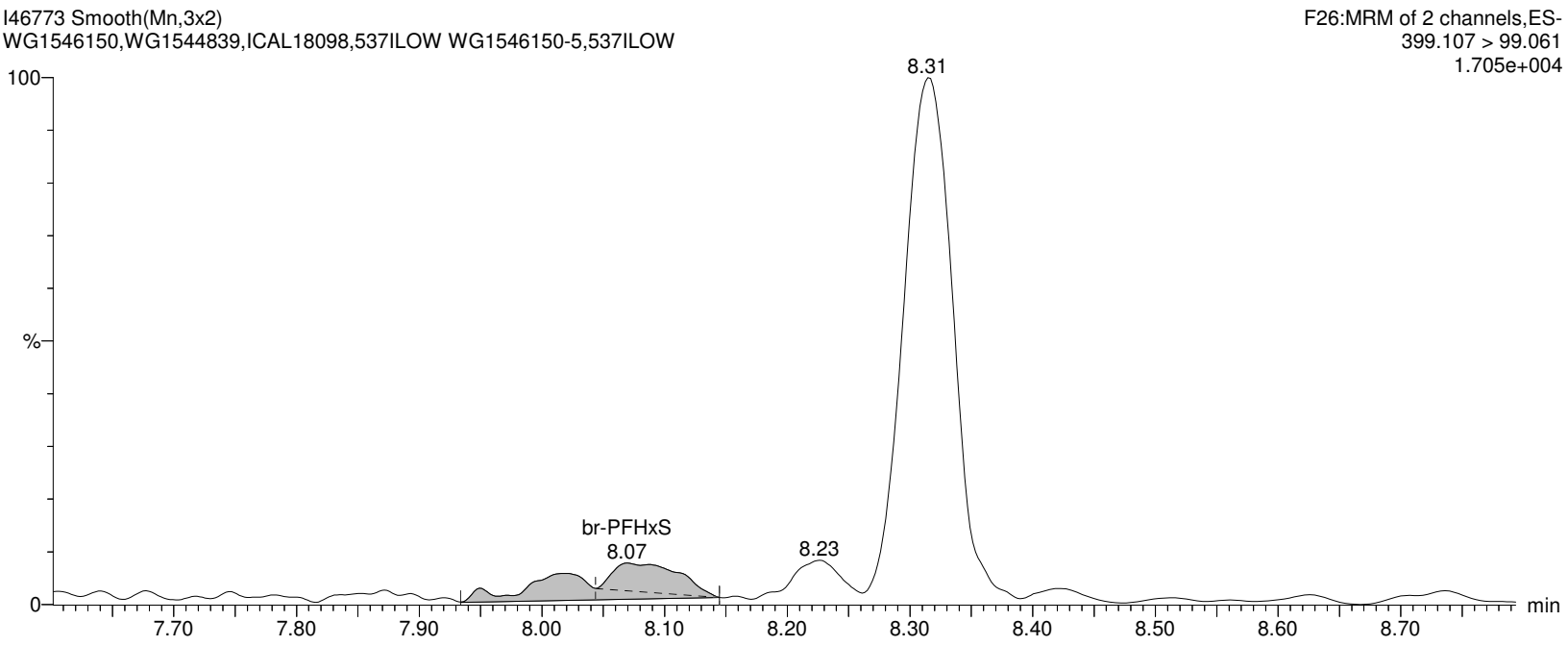
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFHxS



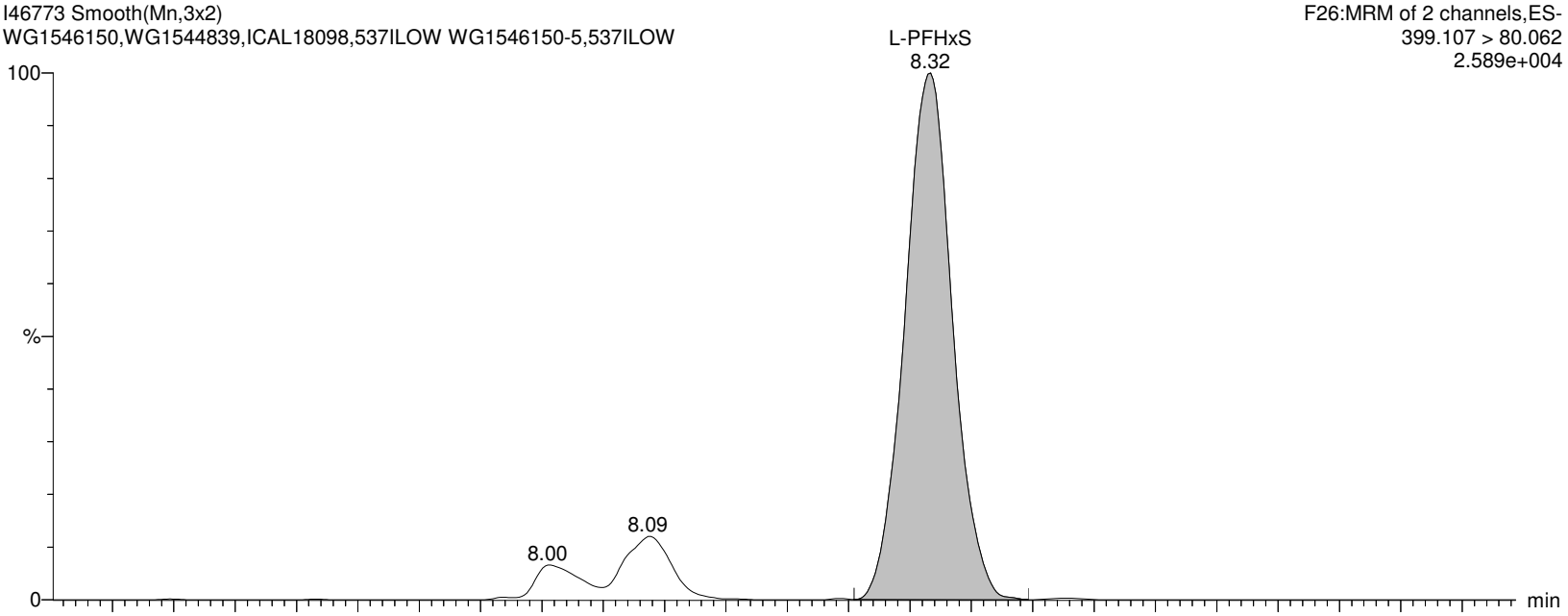


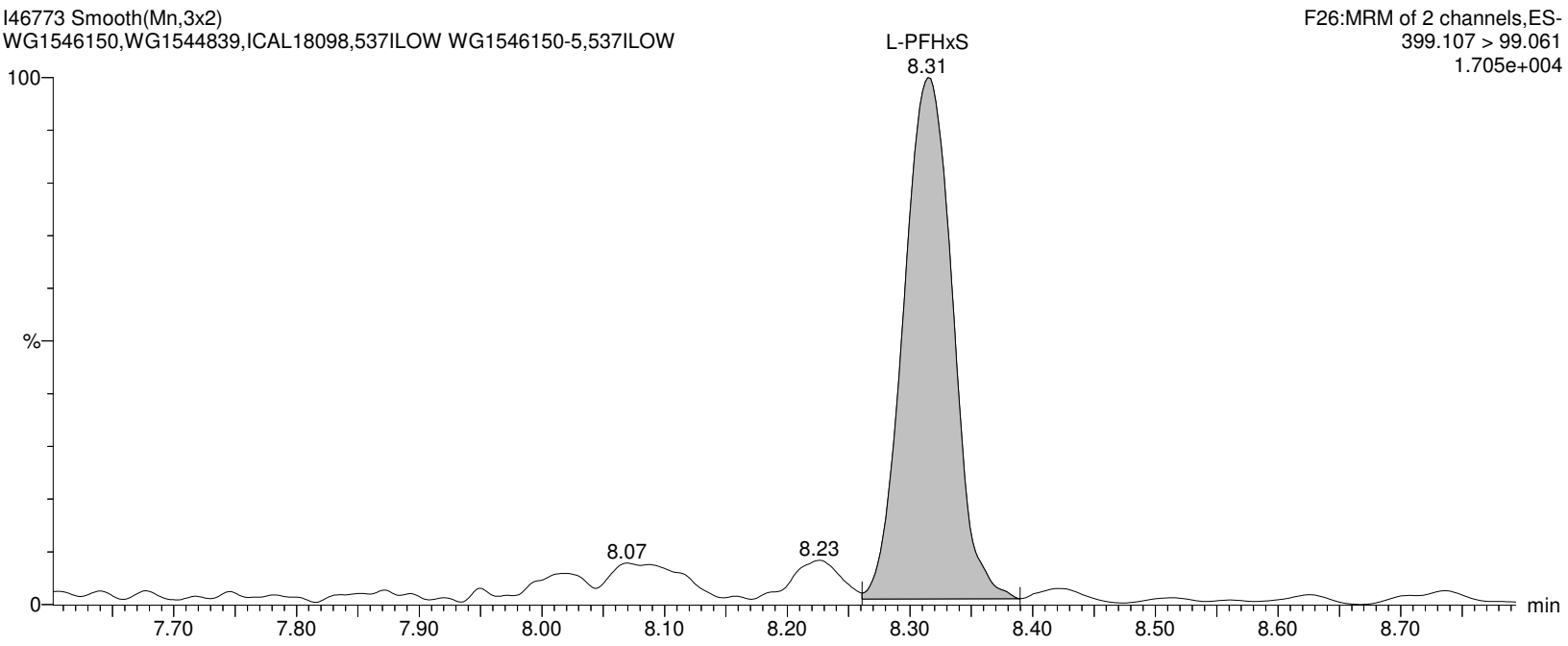
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFHxS



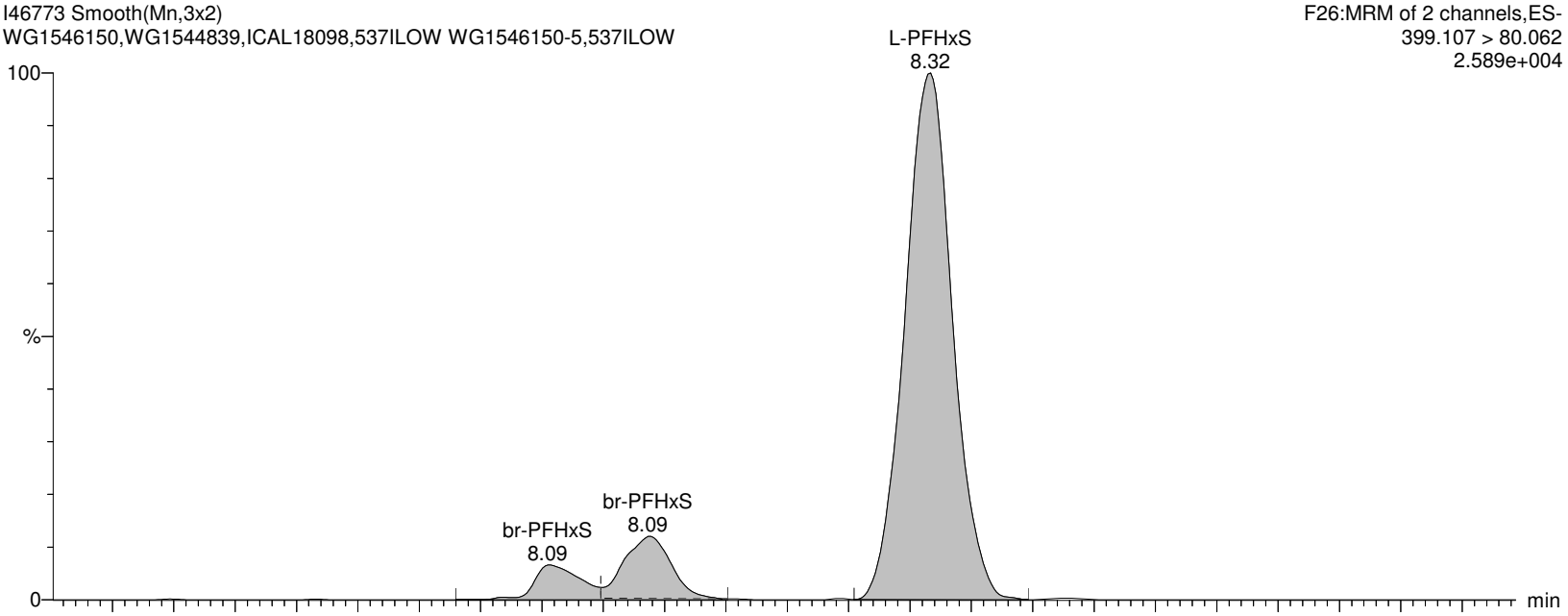


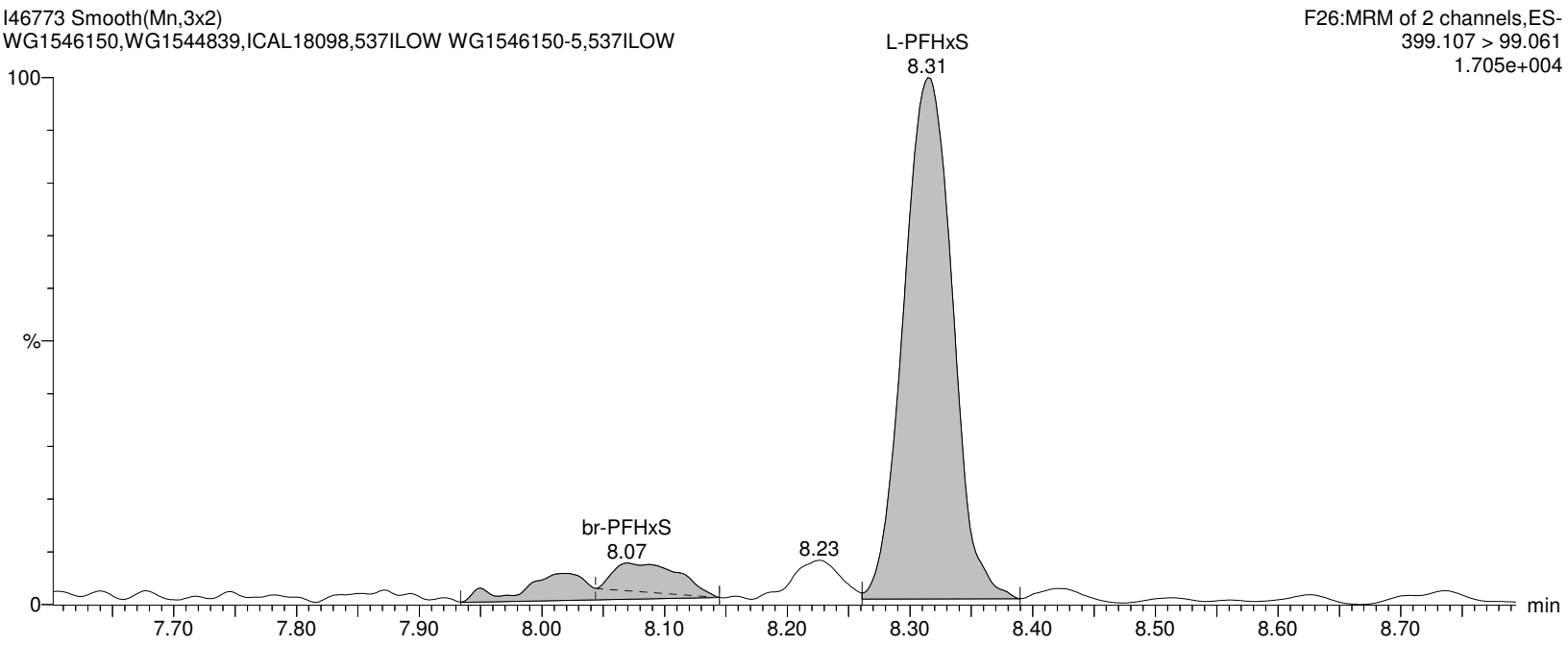
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxS



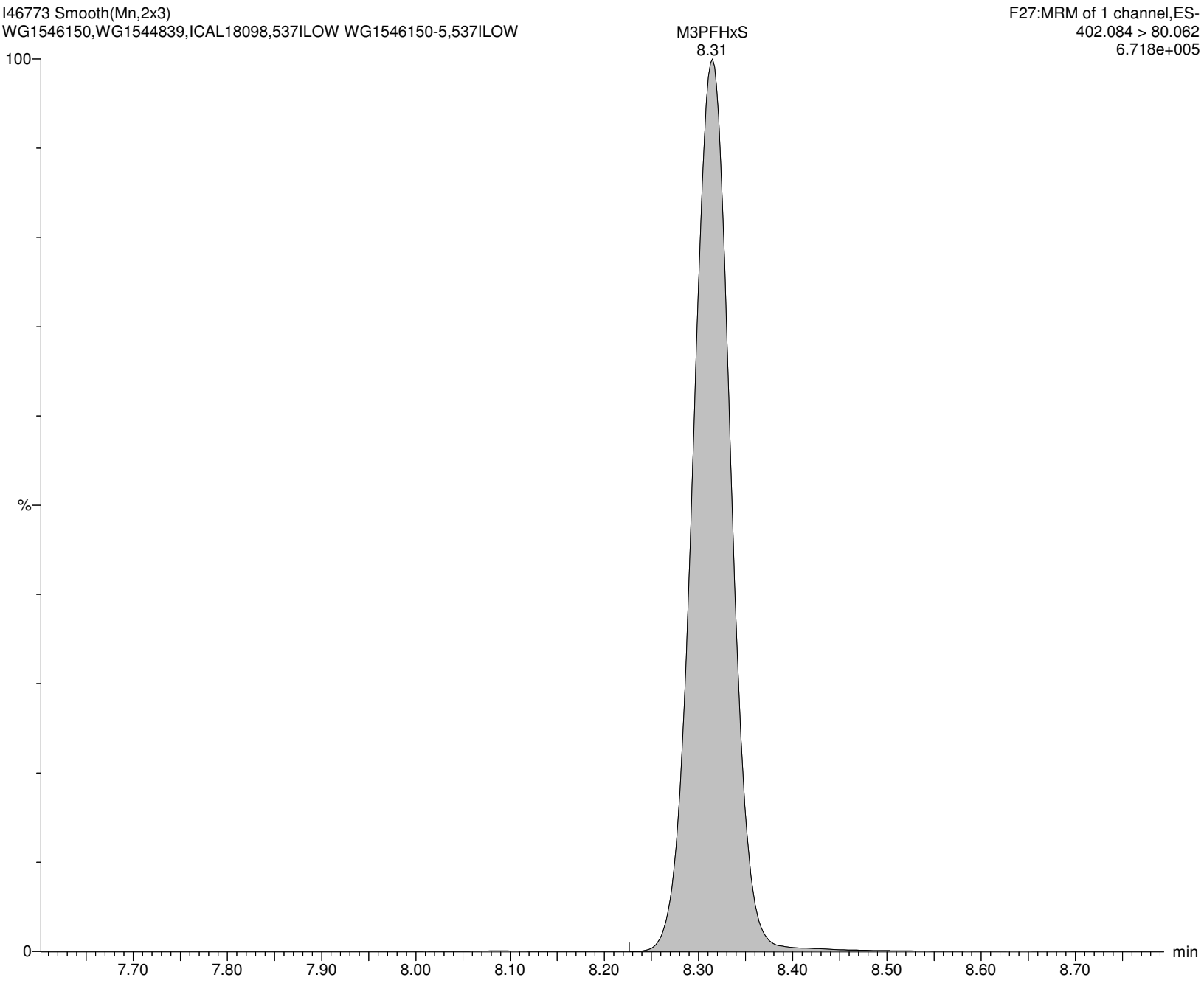


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFHxS

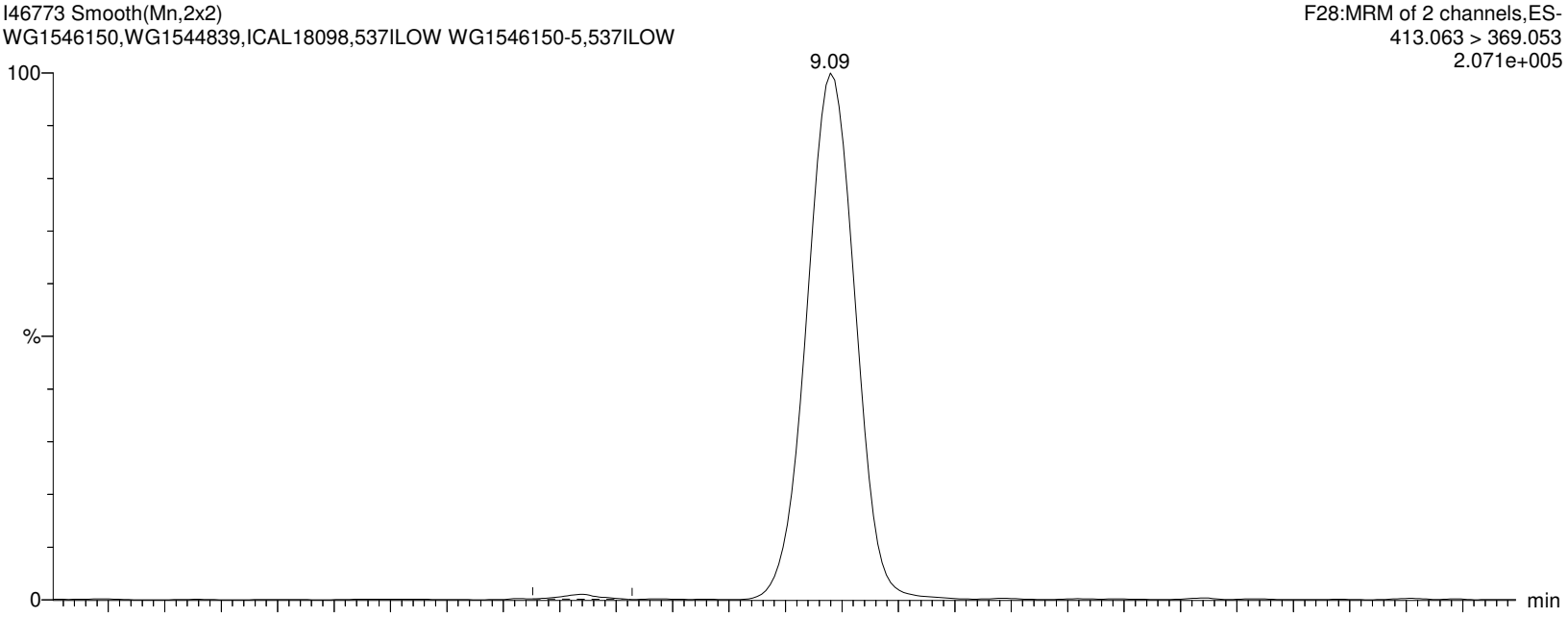


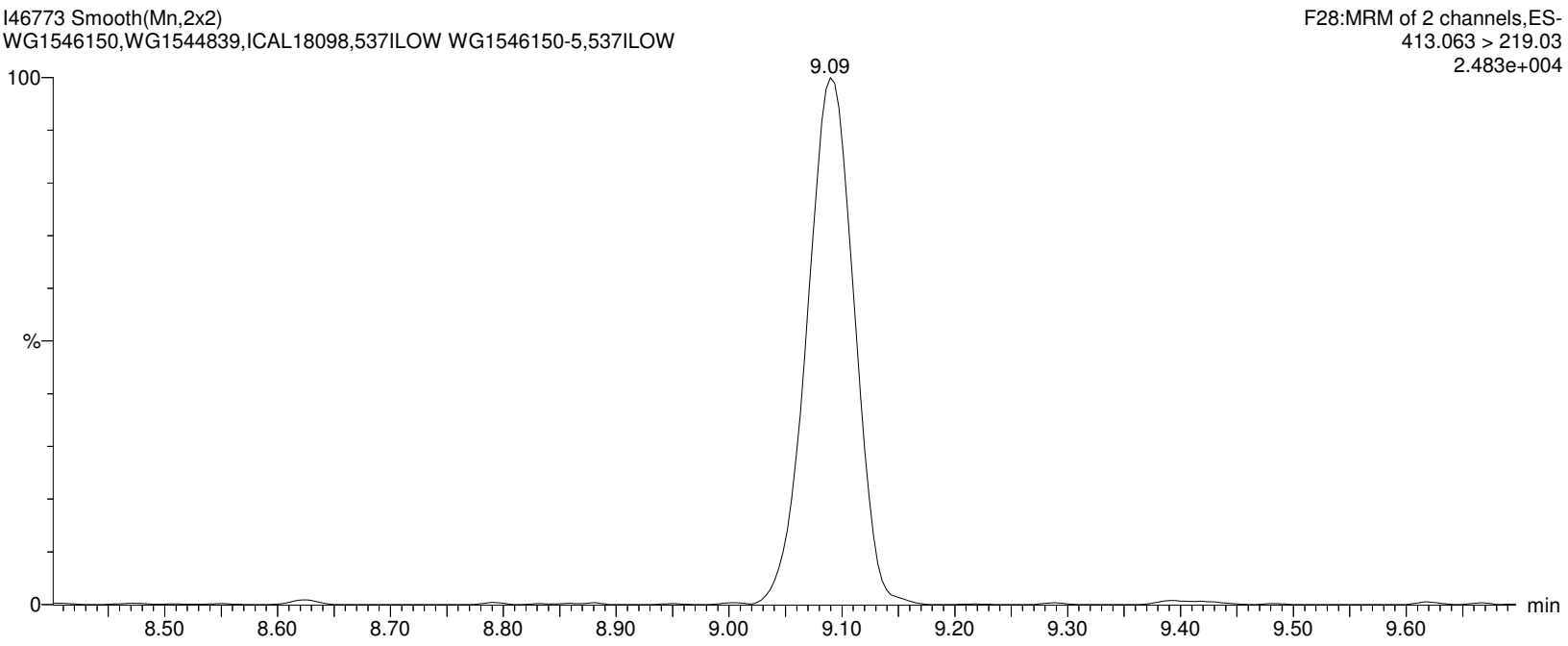
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOA



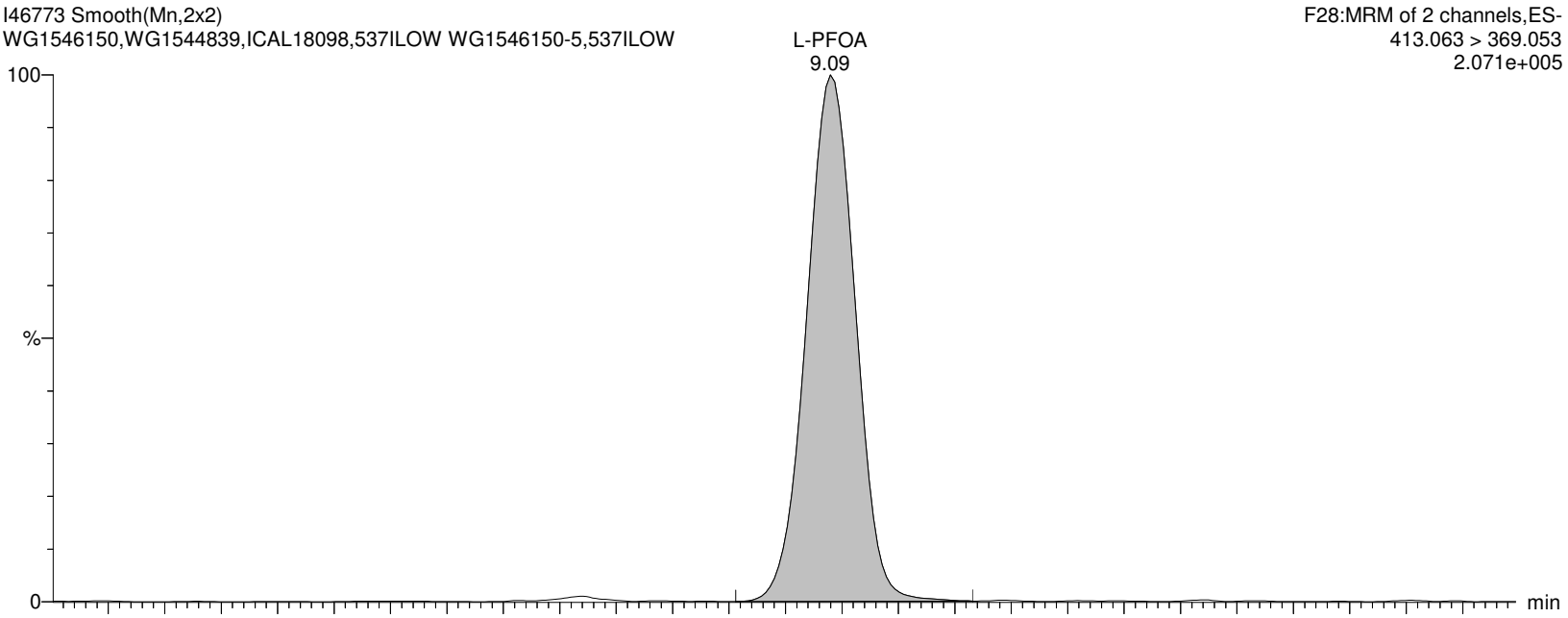


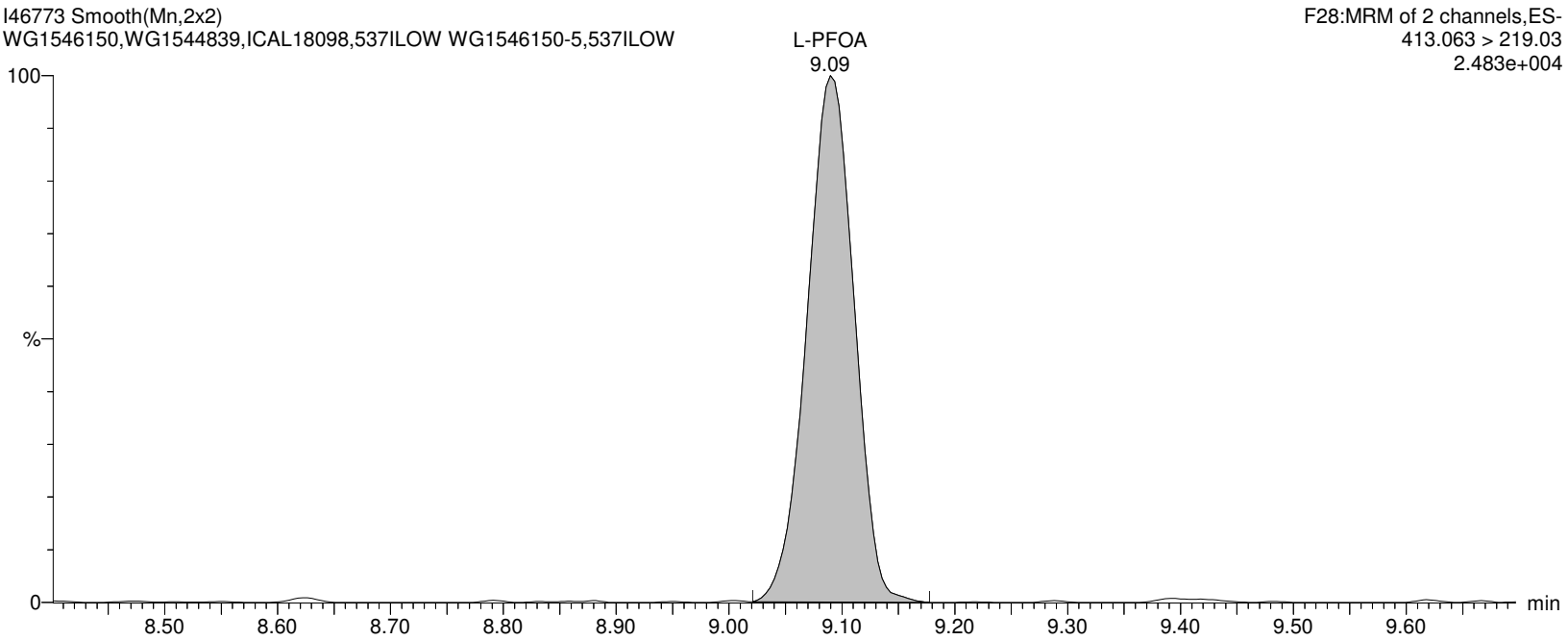
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOA



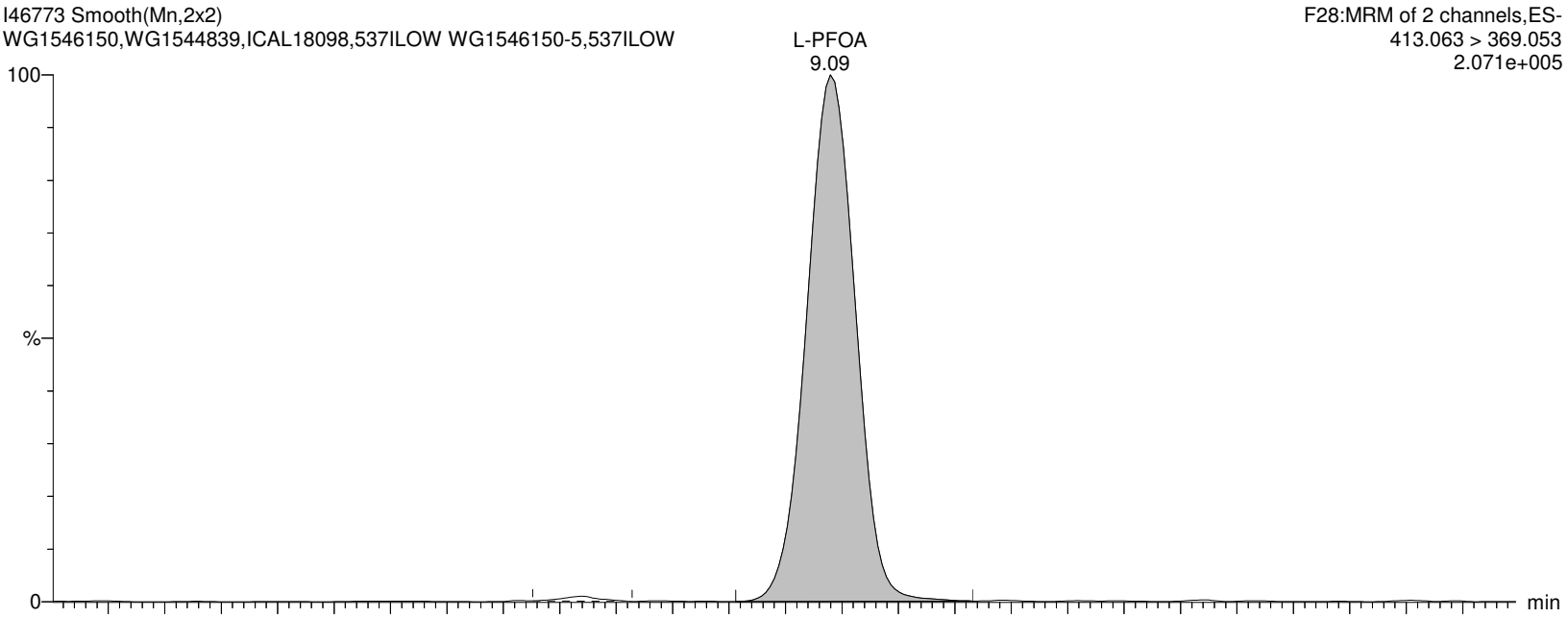


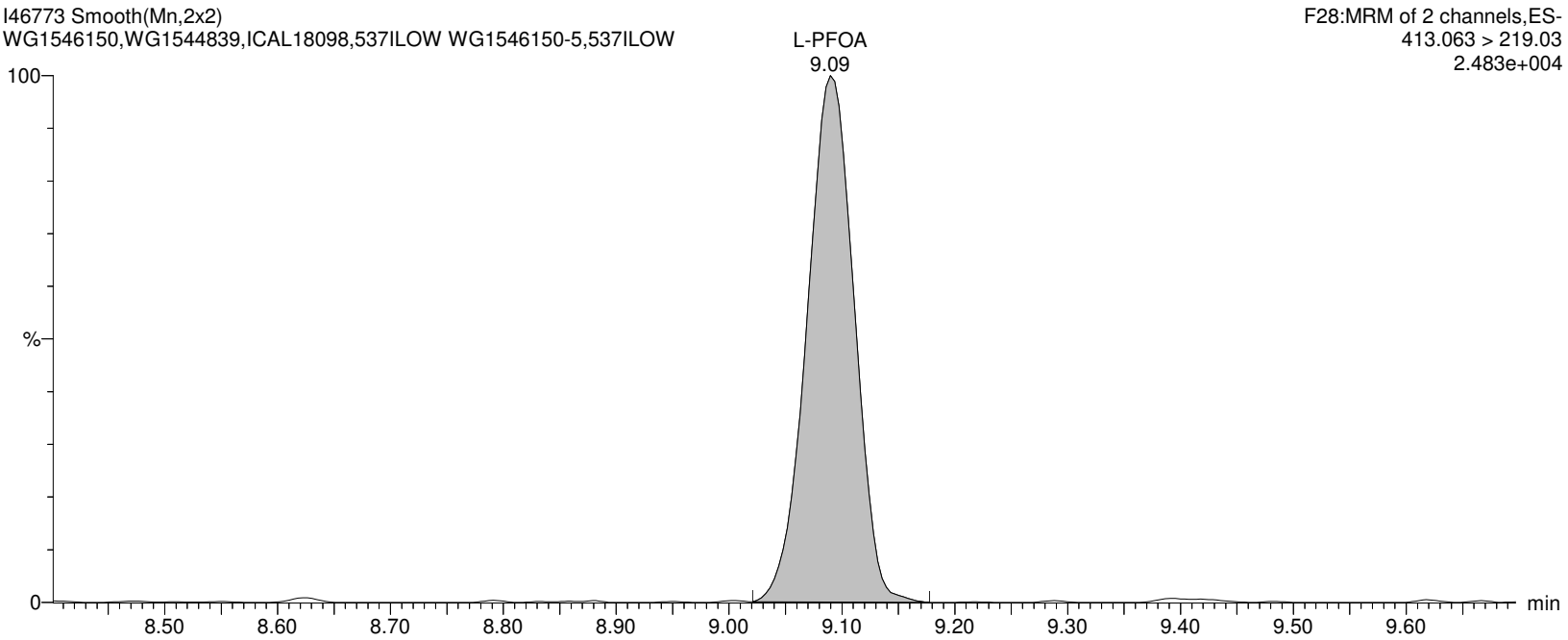
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOA



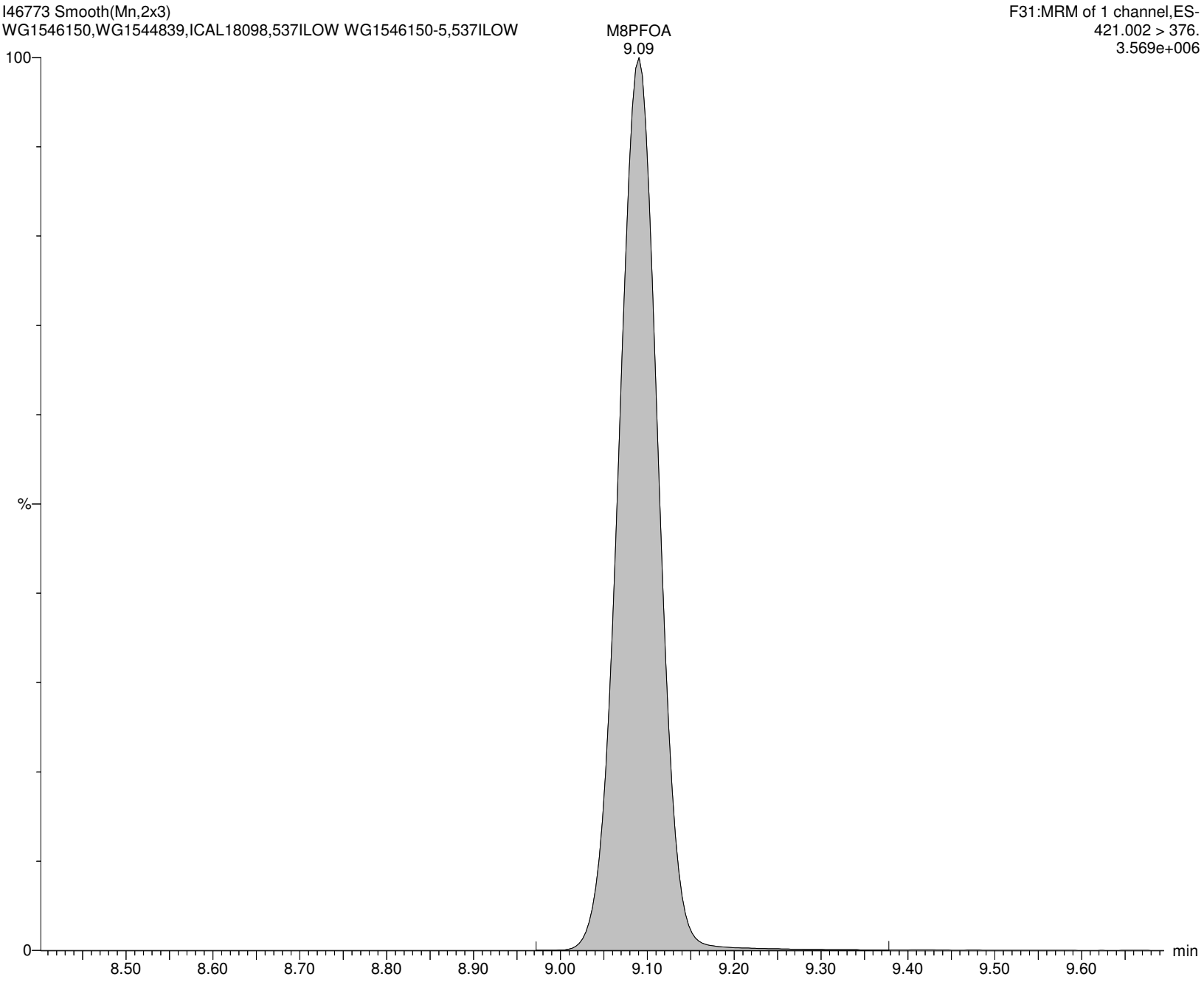


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOA

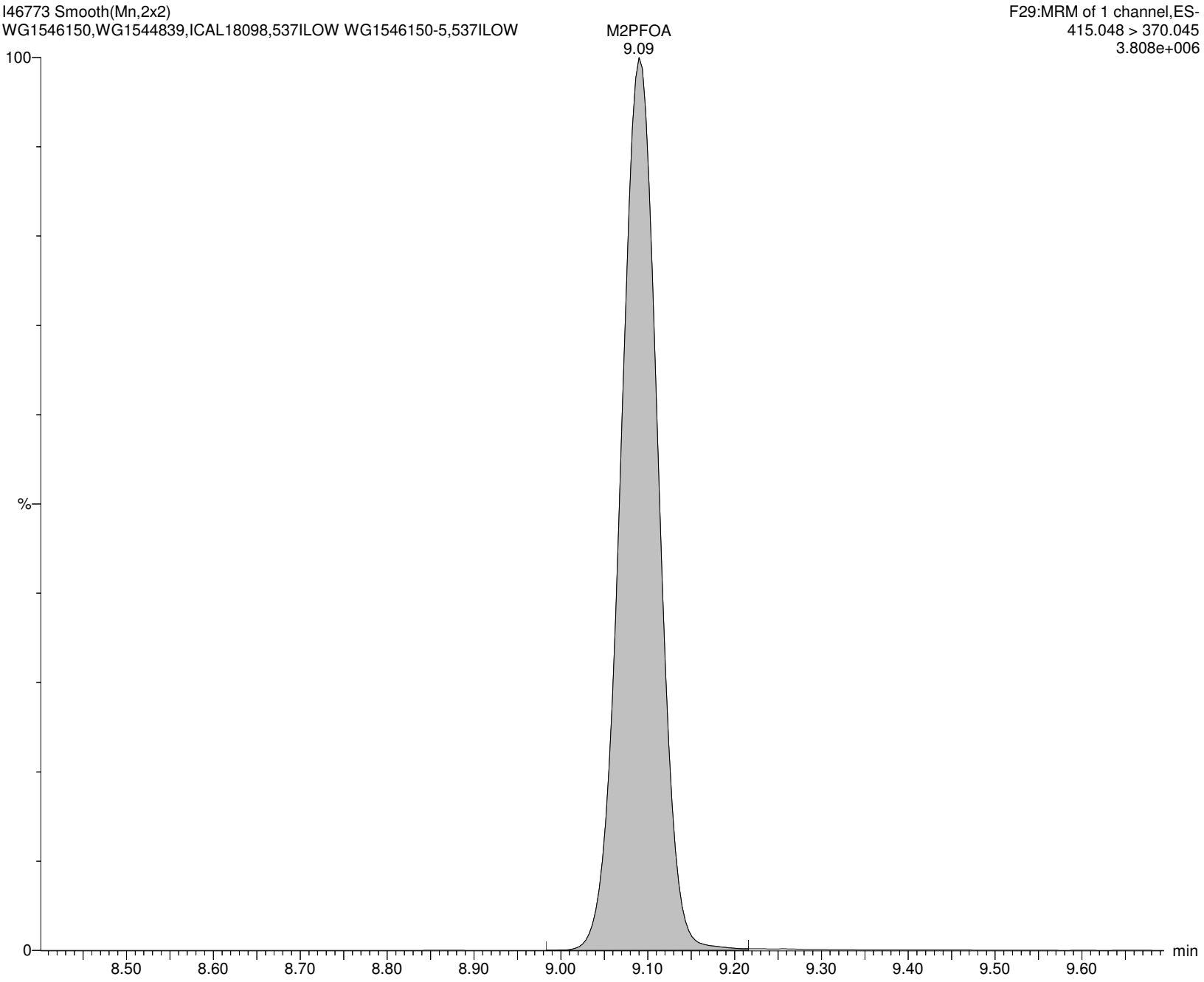


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFOA

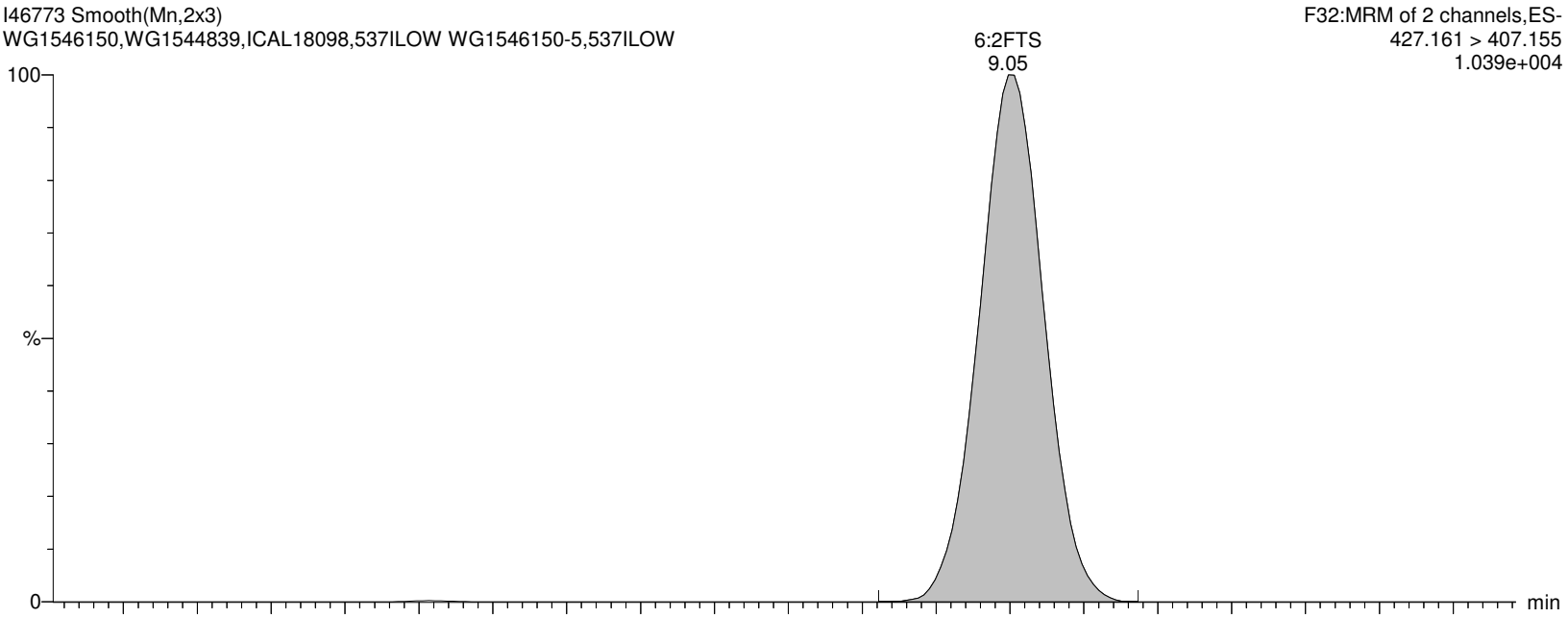


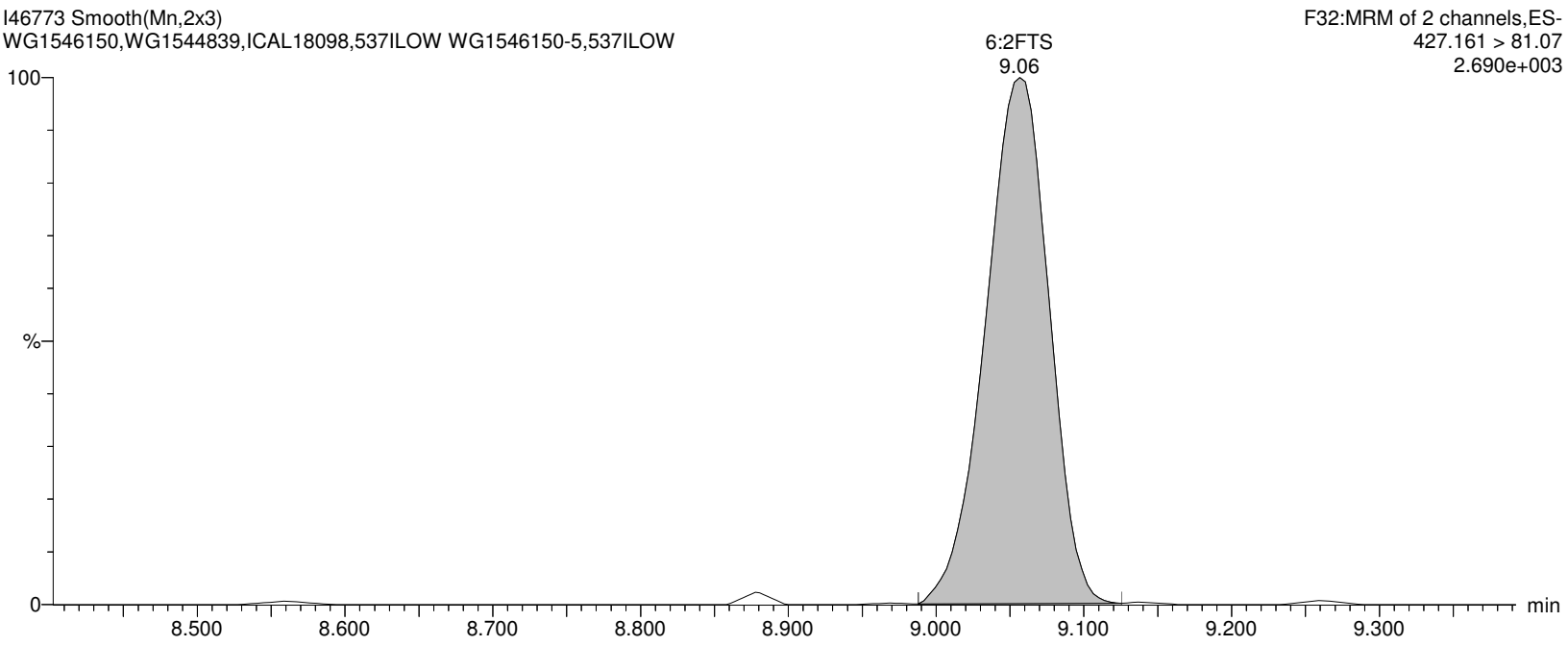
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

6:2FTS



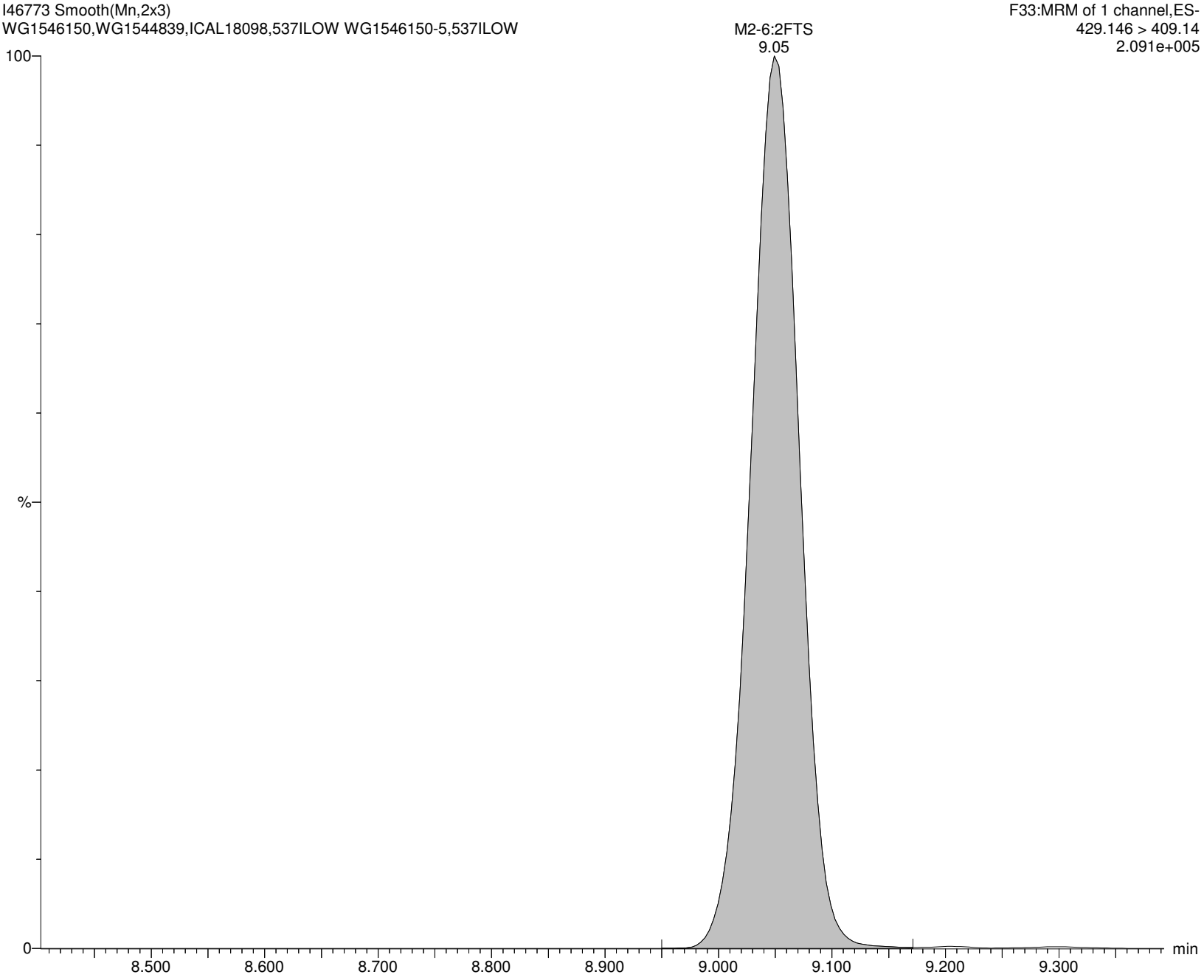


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-6:2FTS

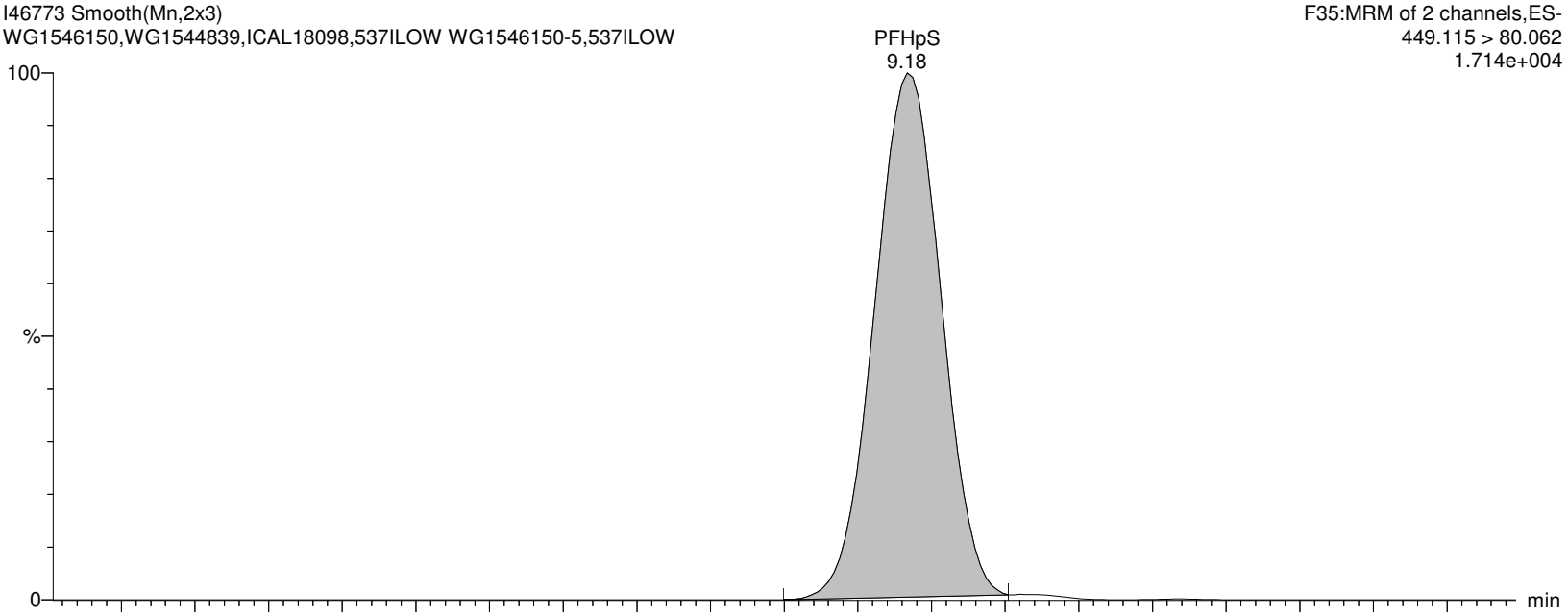


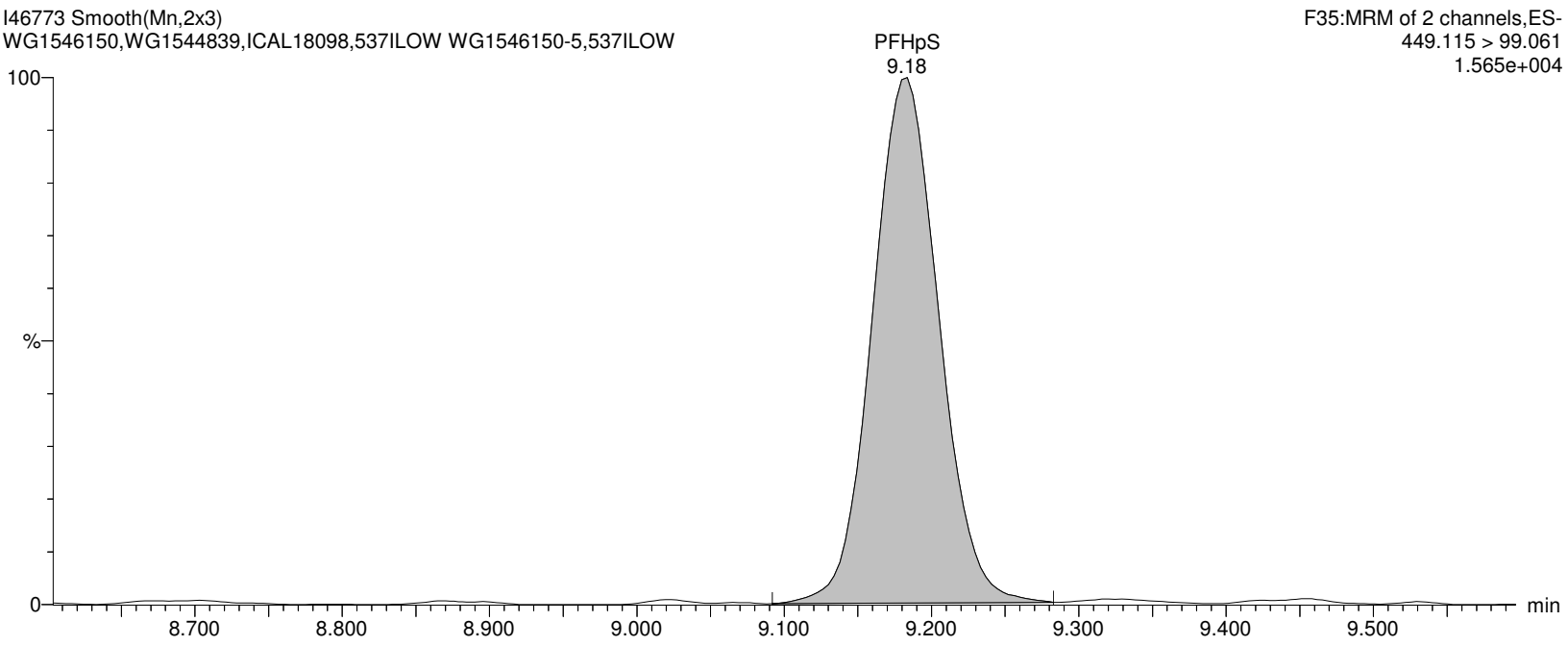
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpS



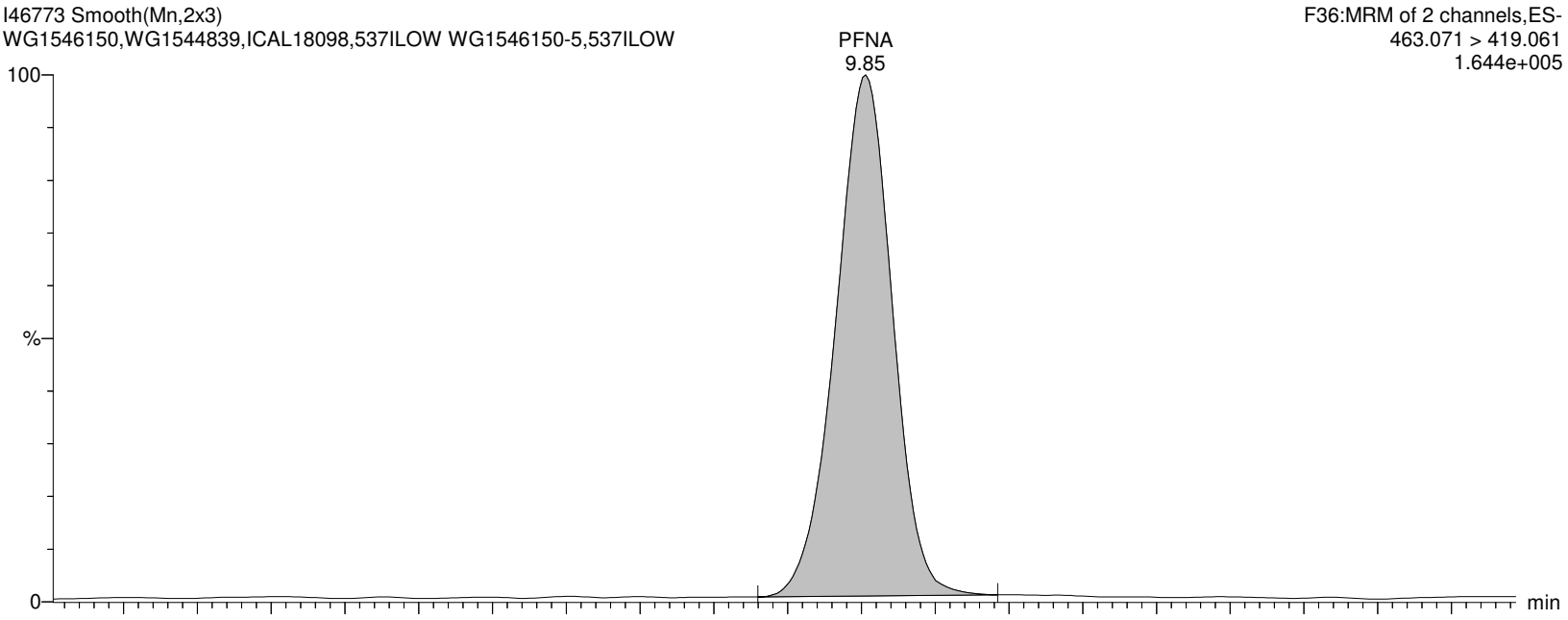


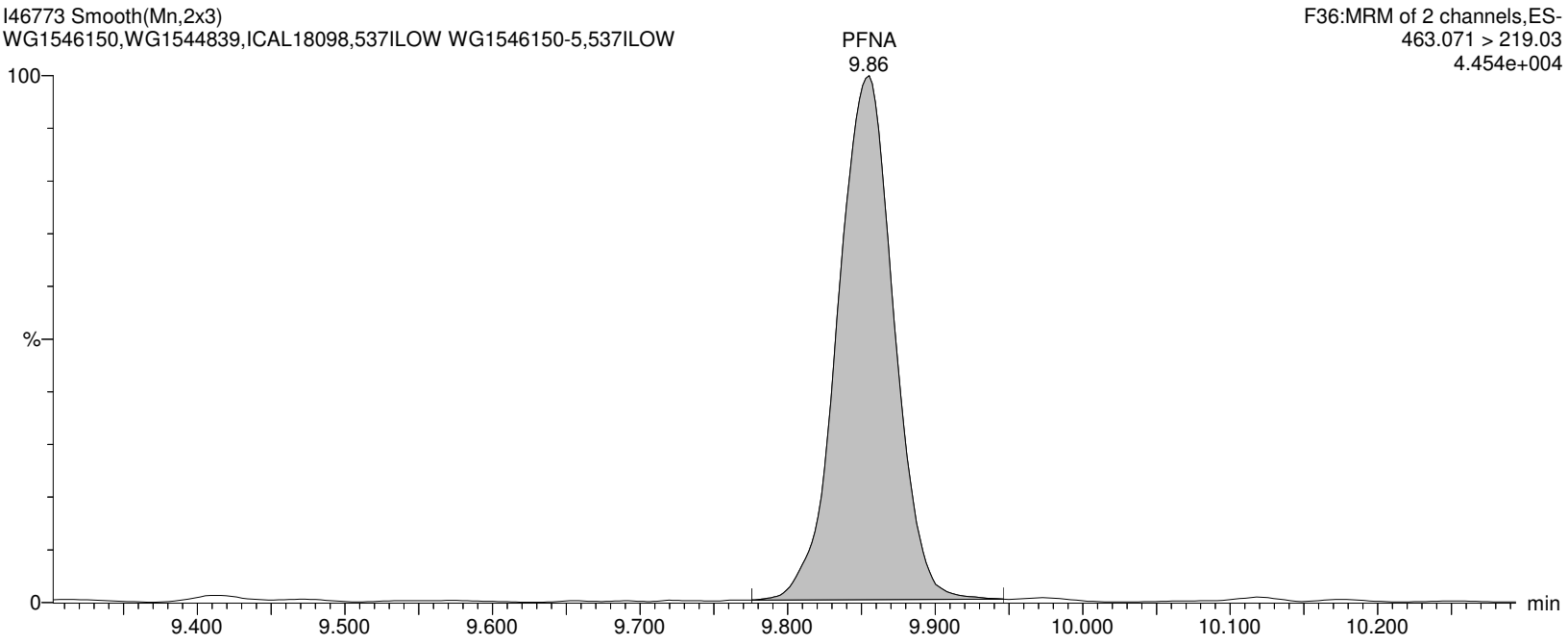
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNA



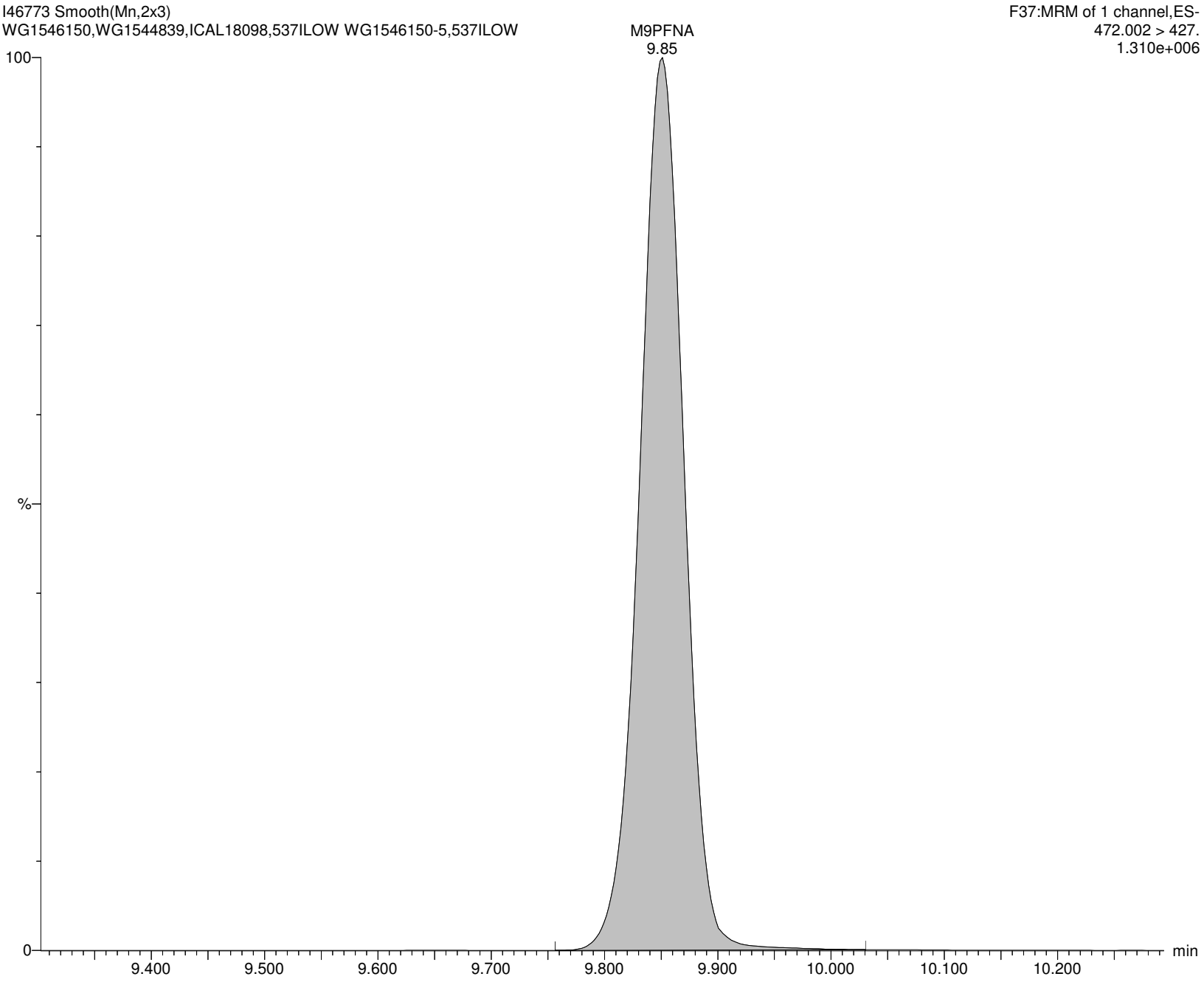


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M9PFNA

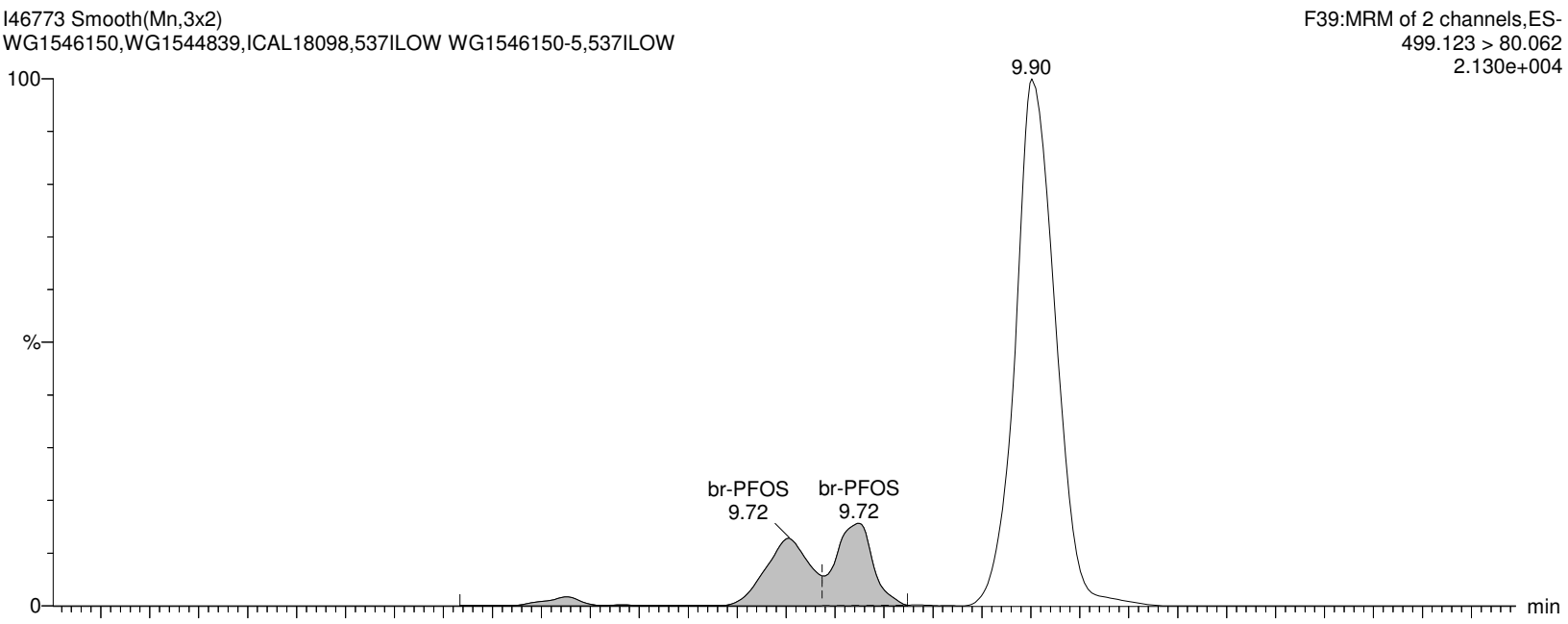


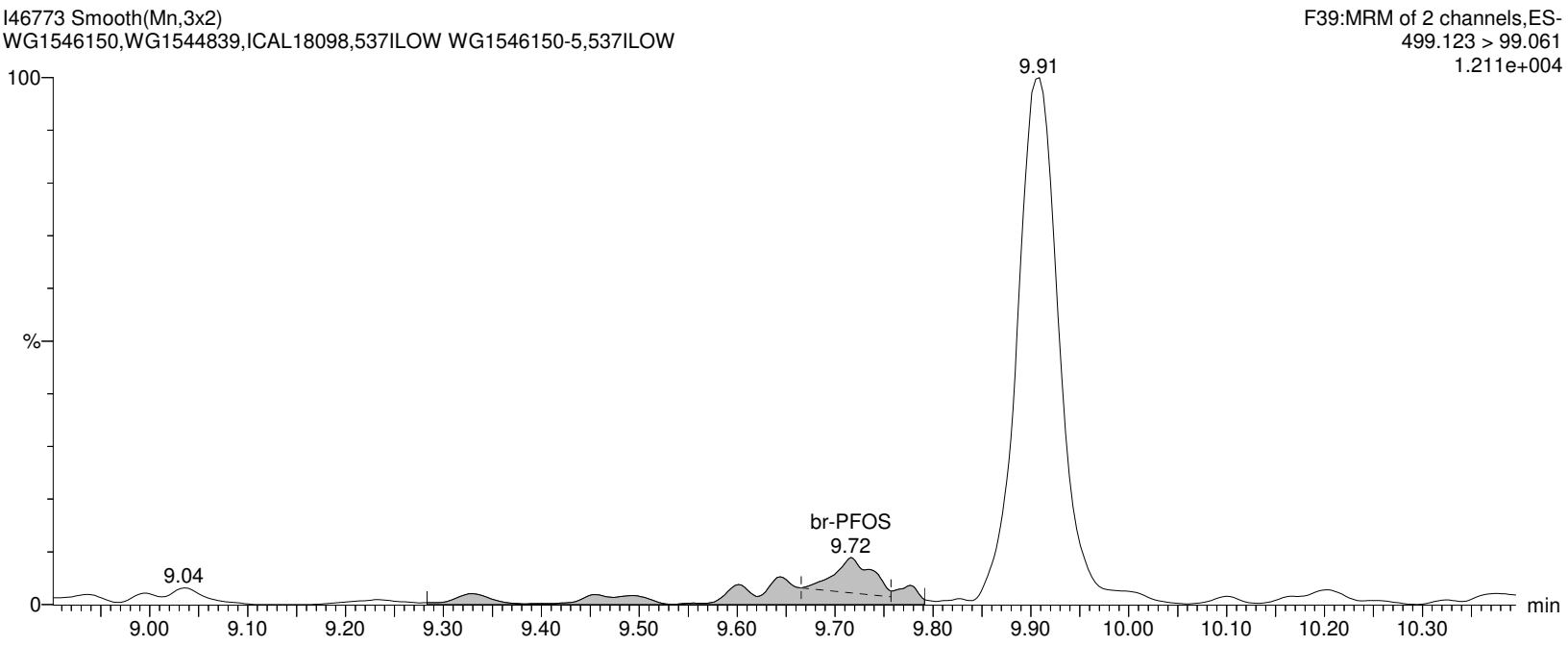
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOS



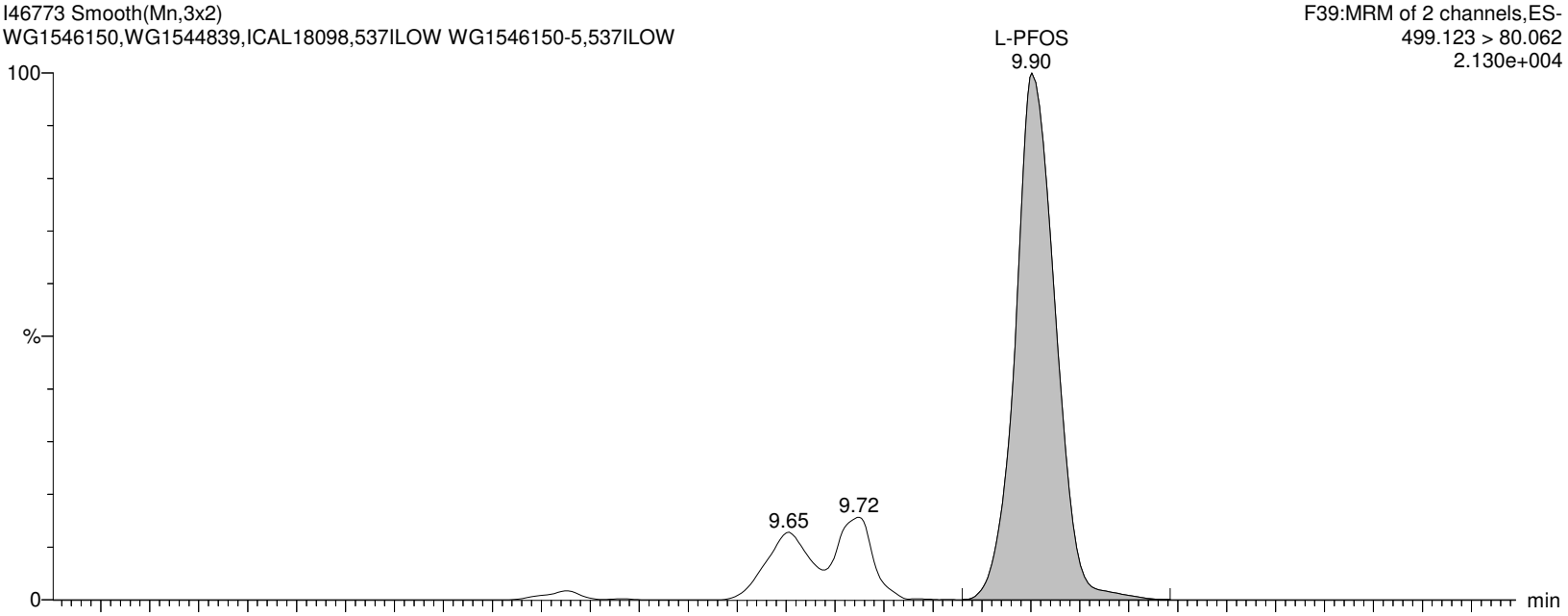


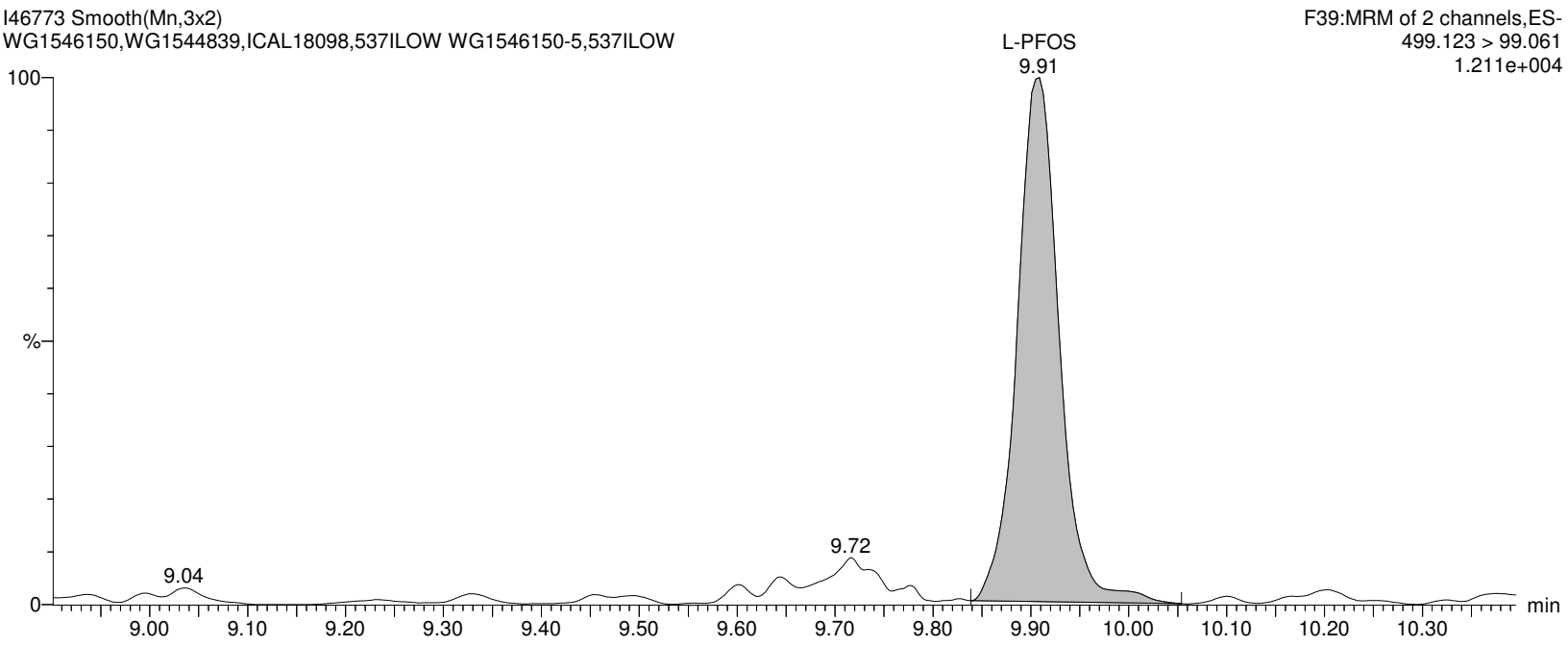
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOS



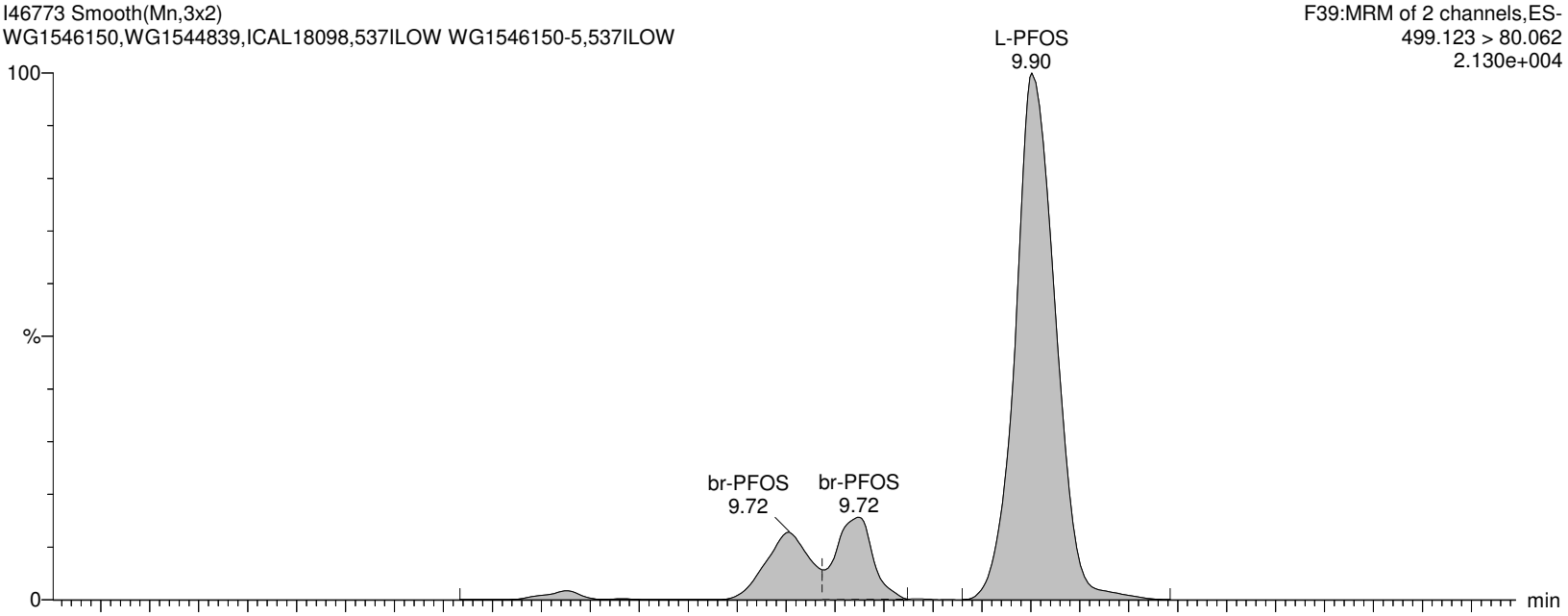


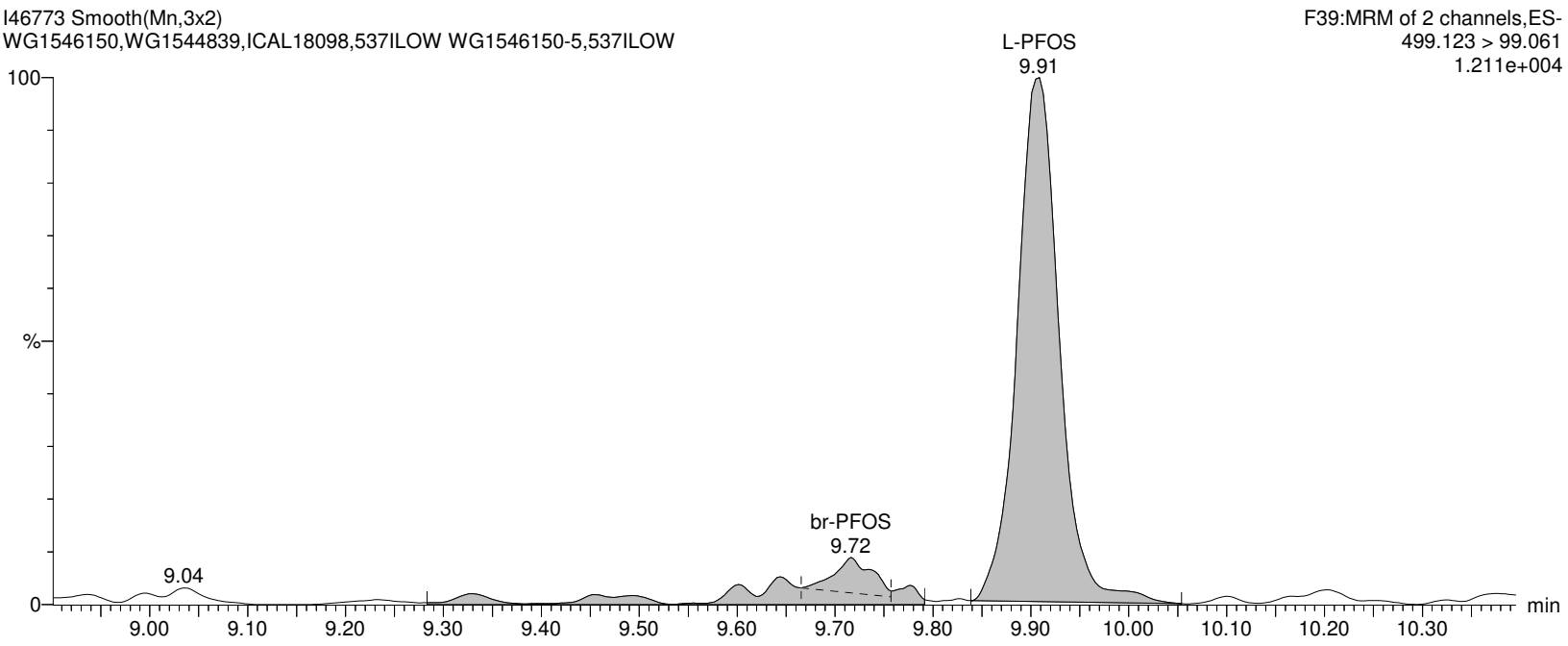
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOS



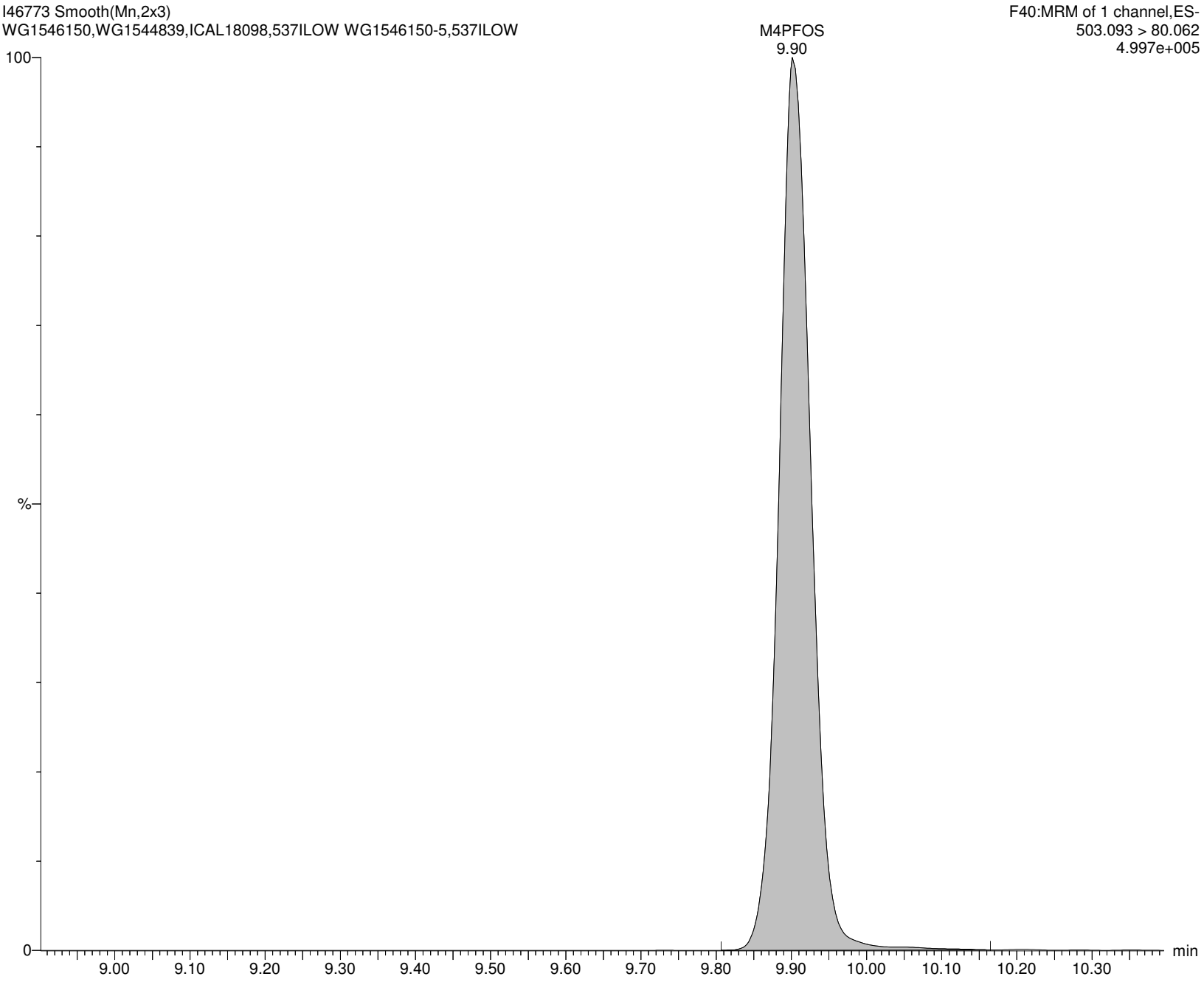


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOS

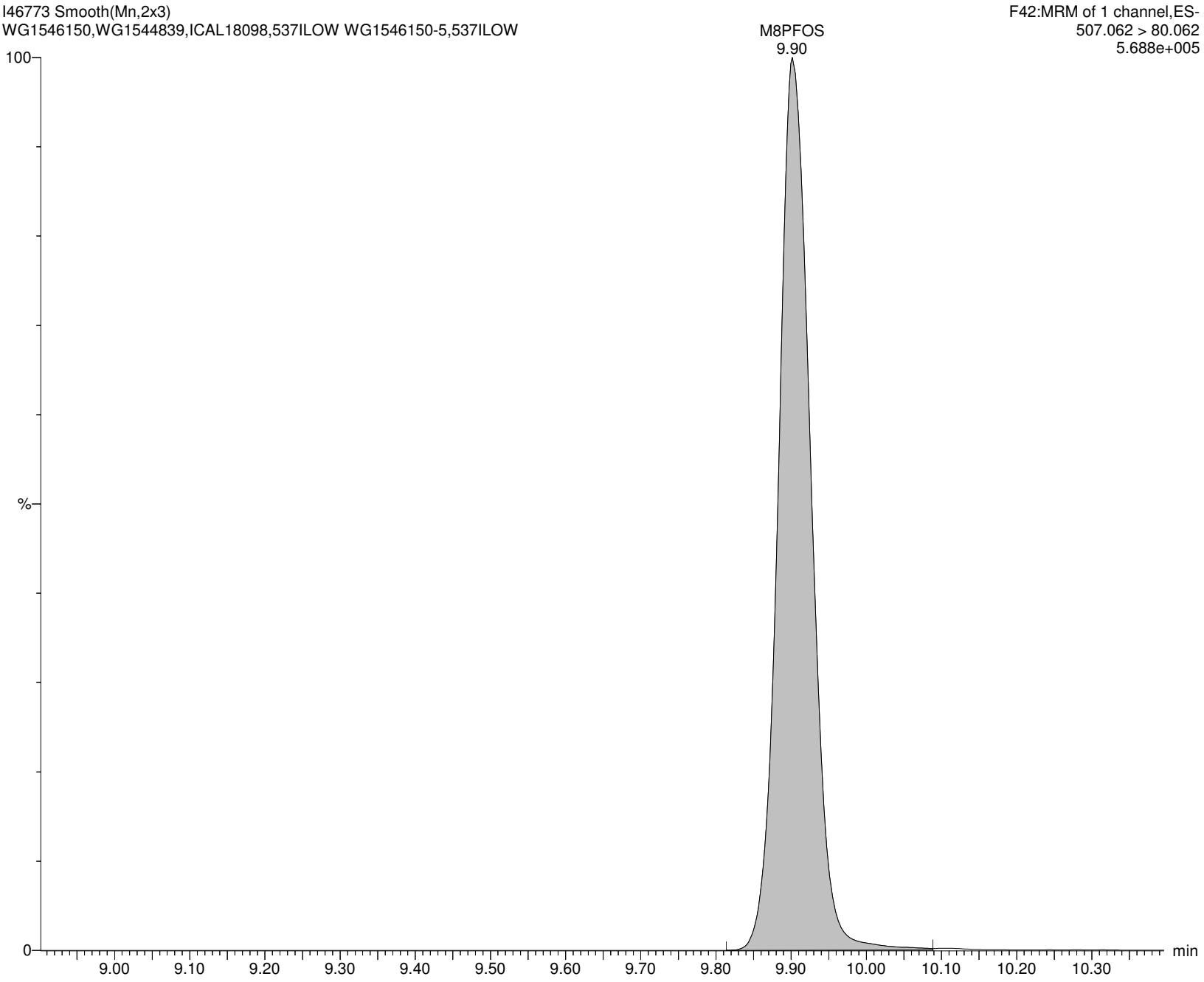


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOS

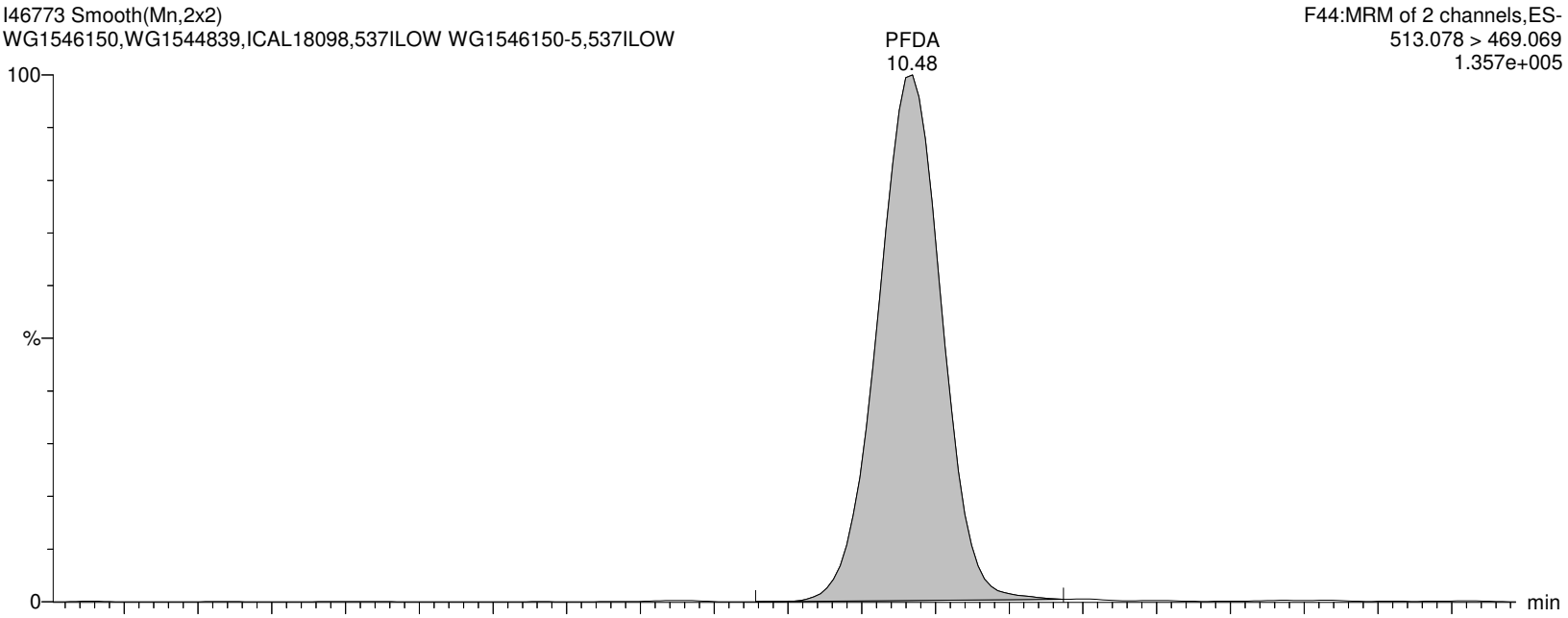


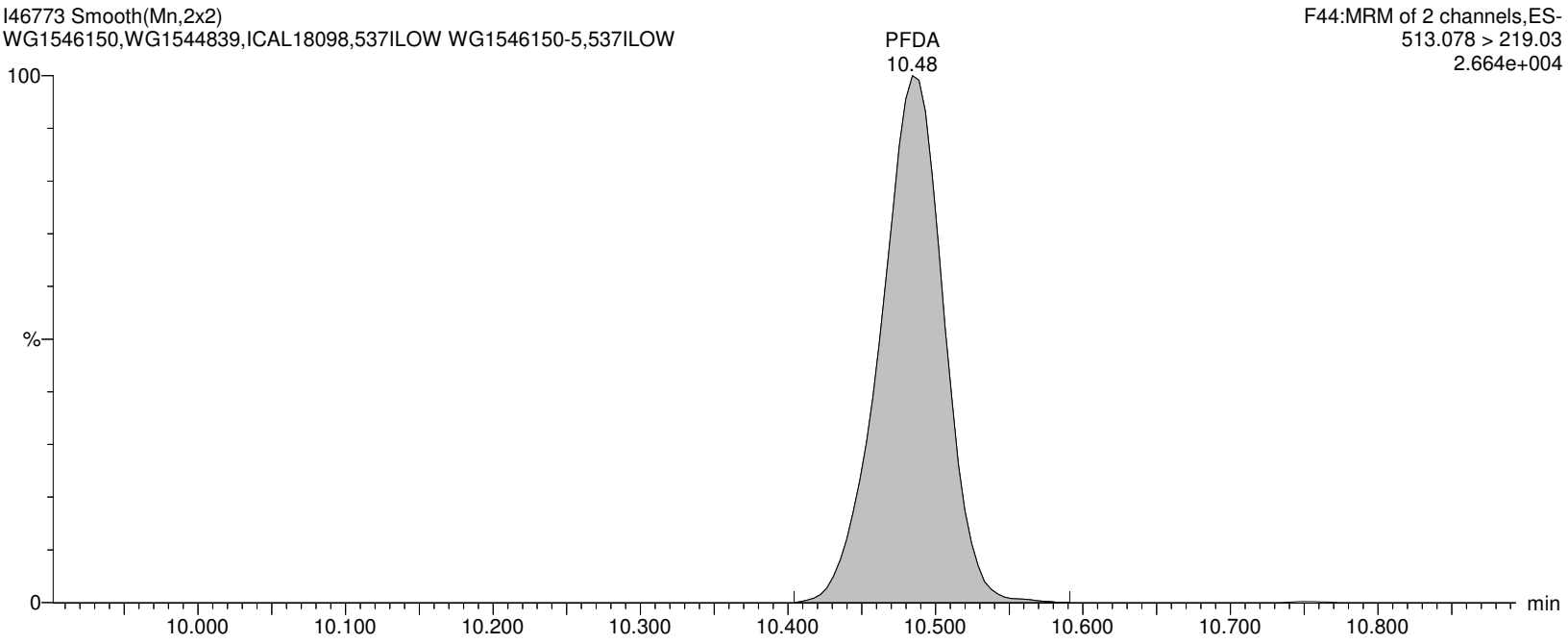
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDA



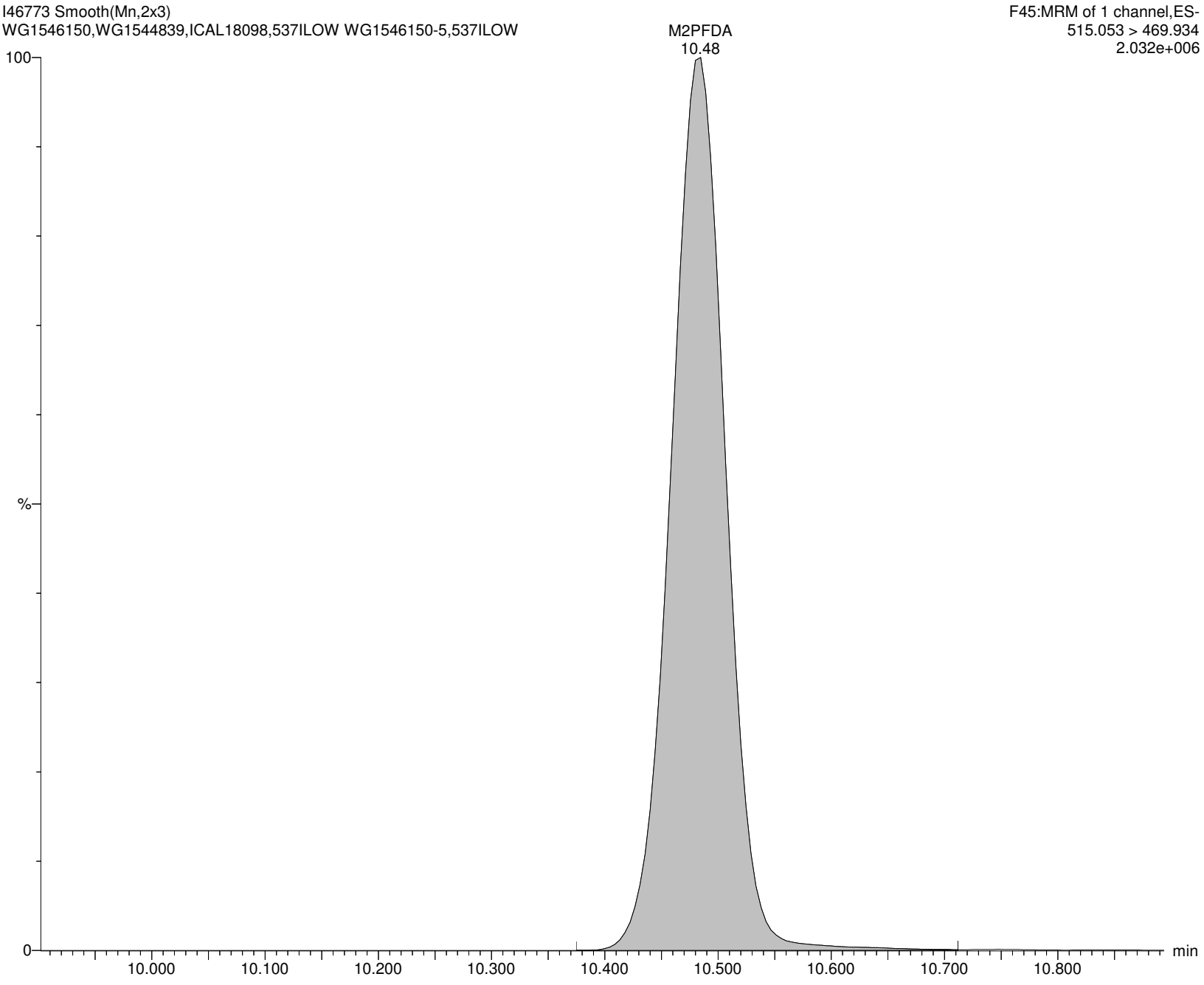


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFDA

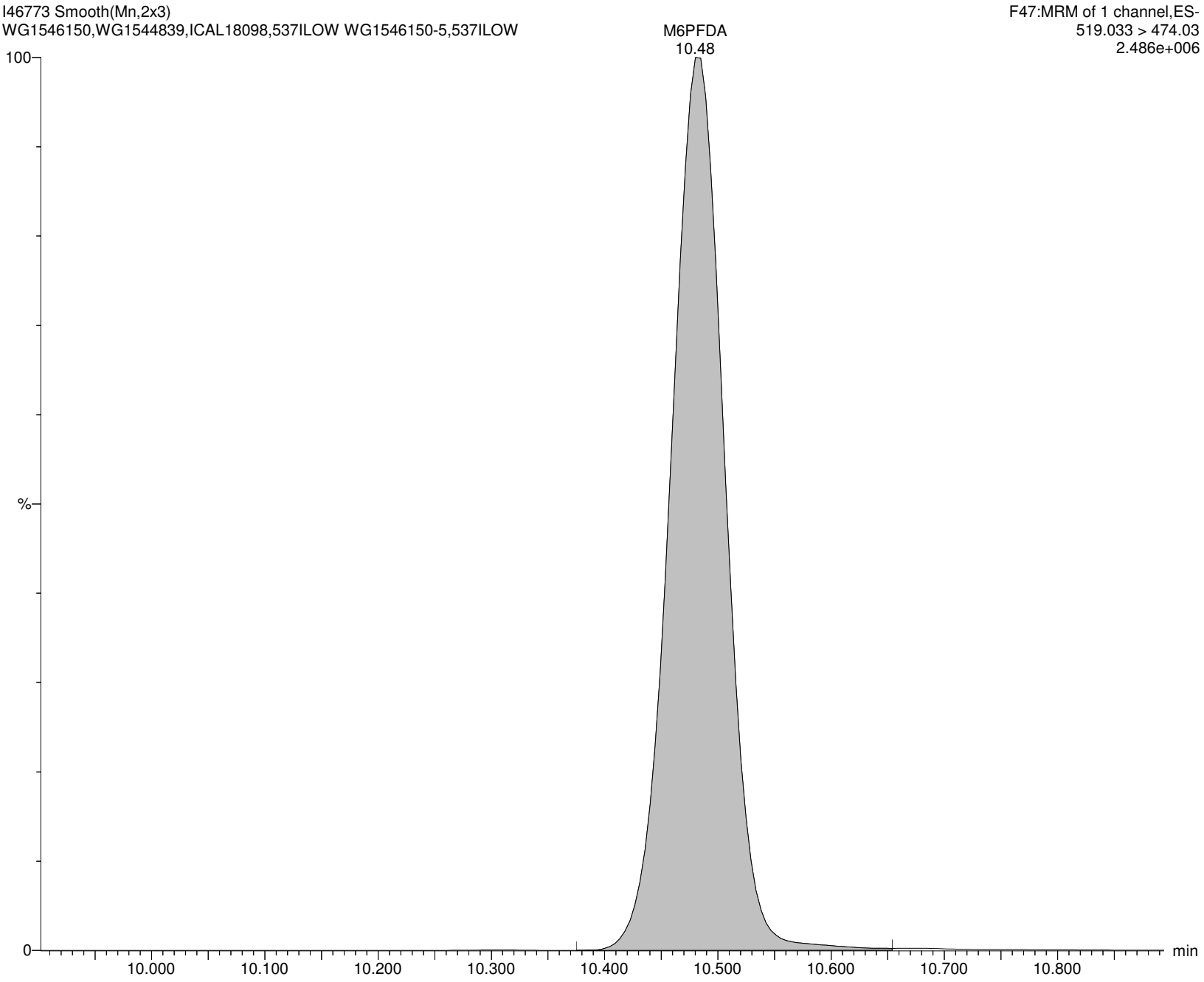


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M6PFDA

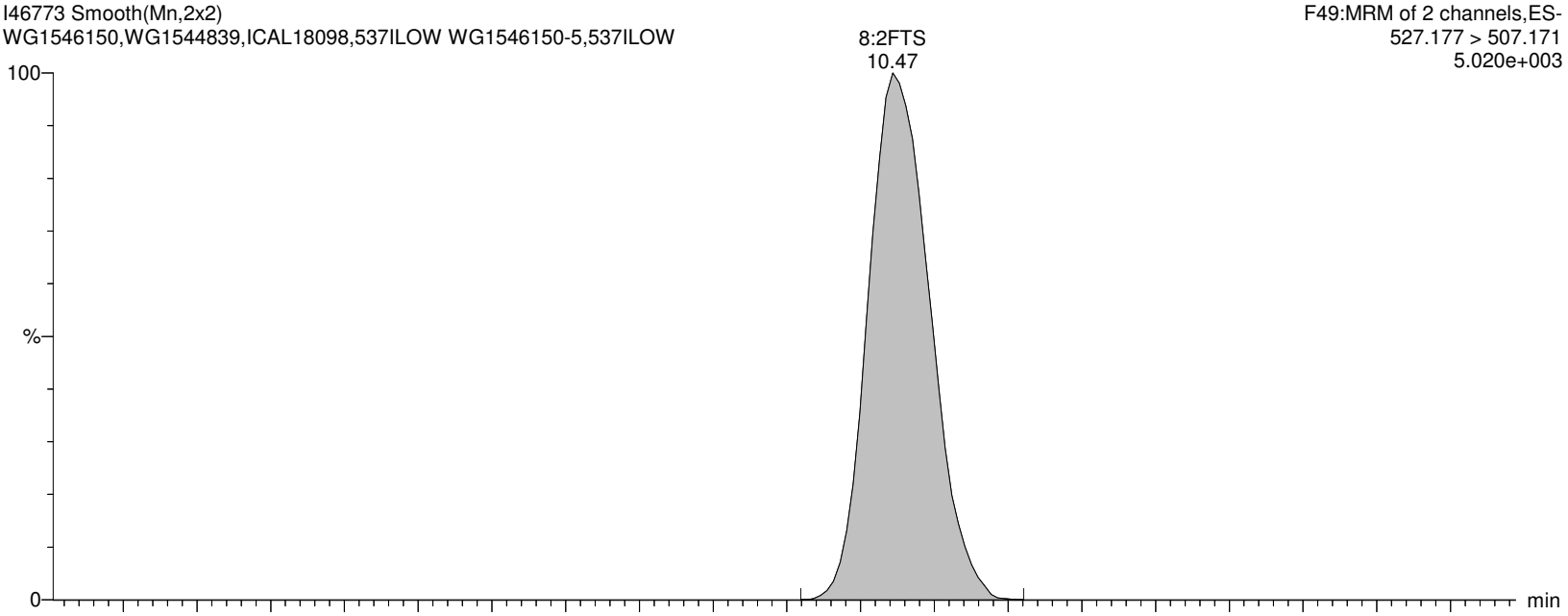


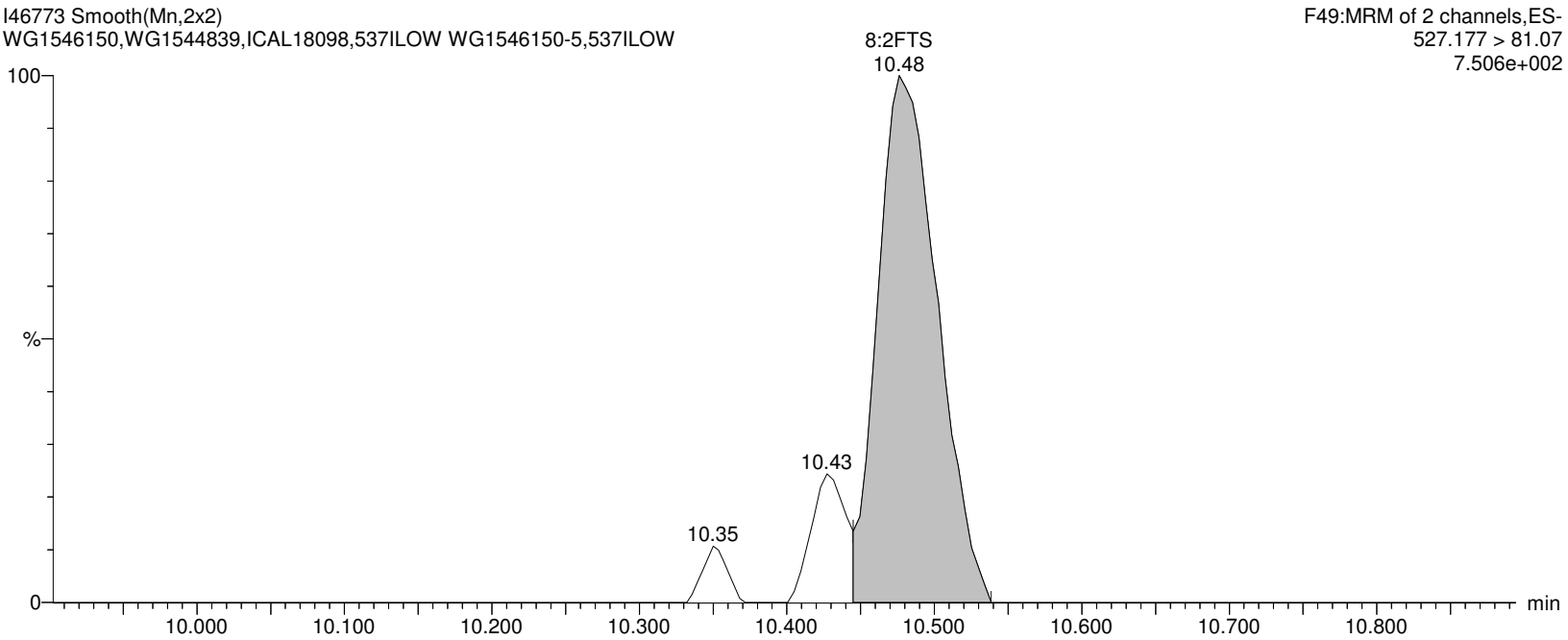
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

8:2FTS



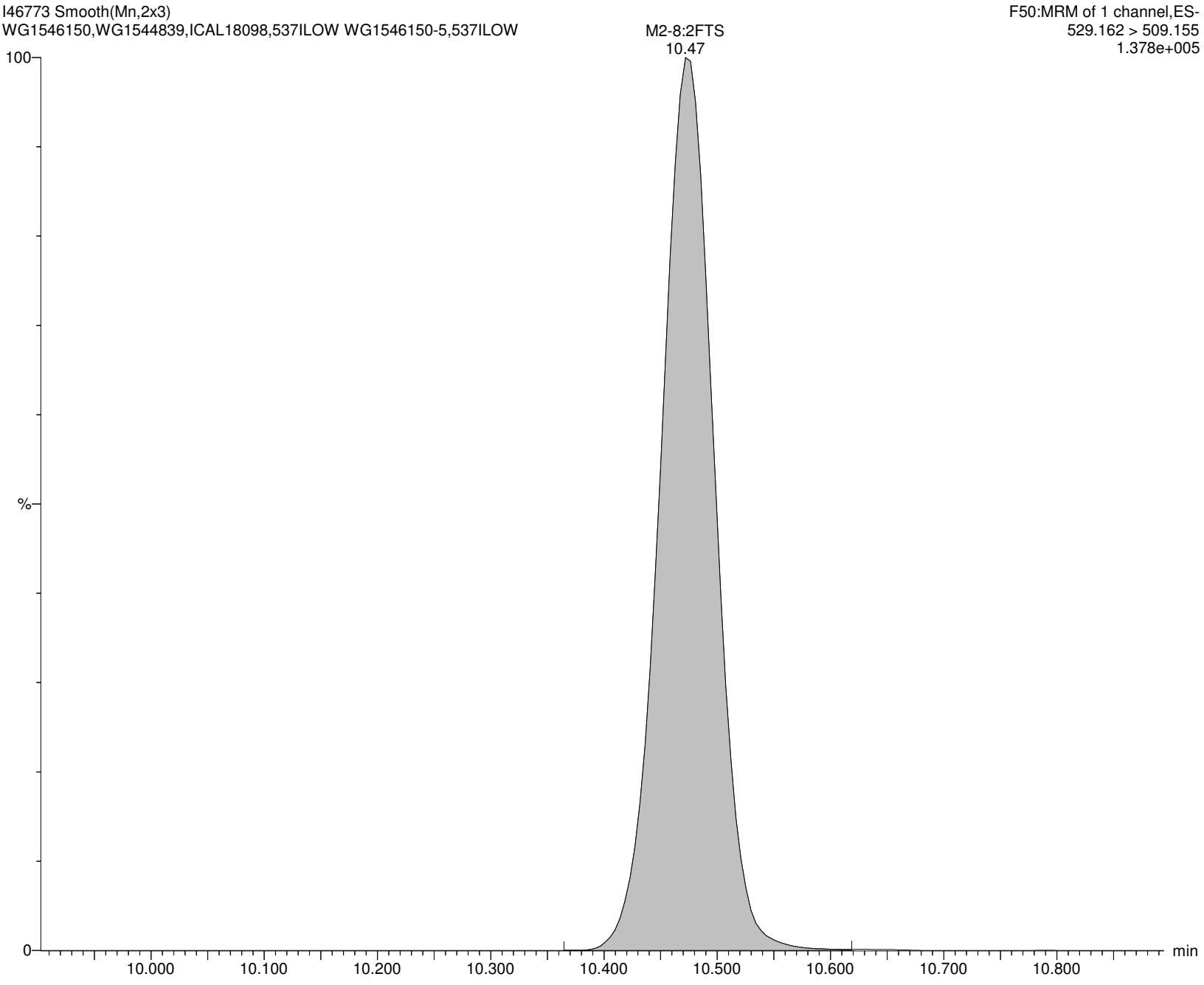


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-8:2FTS

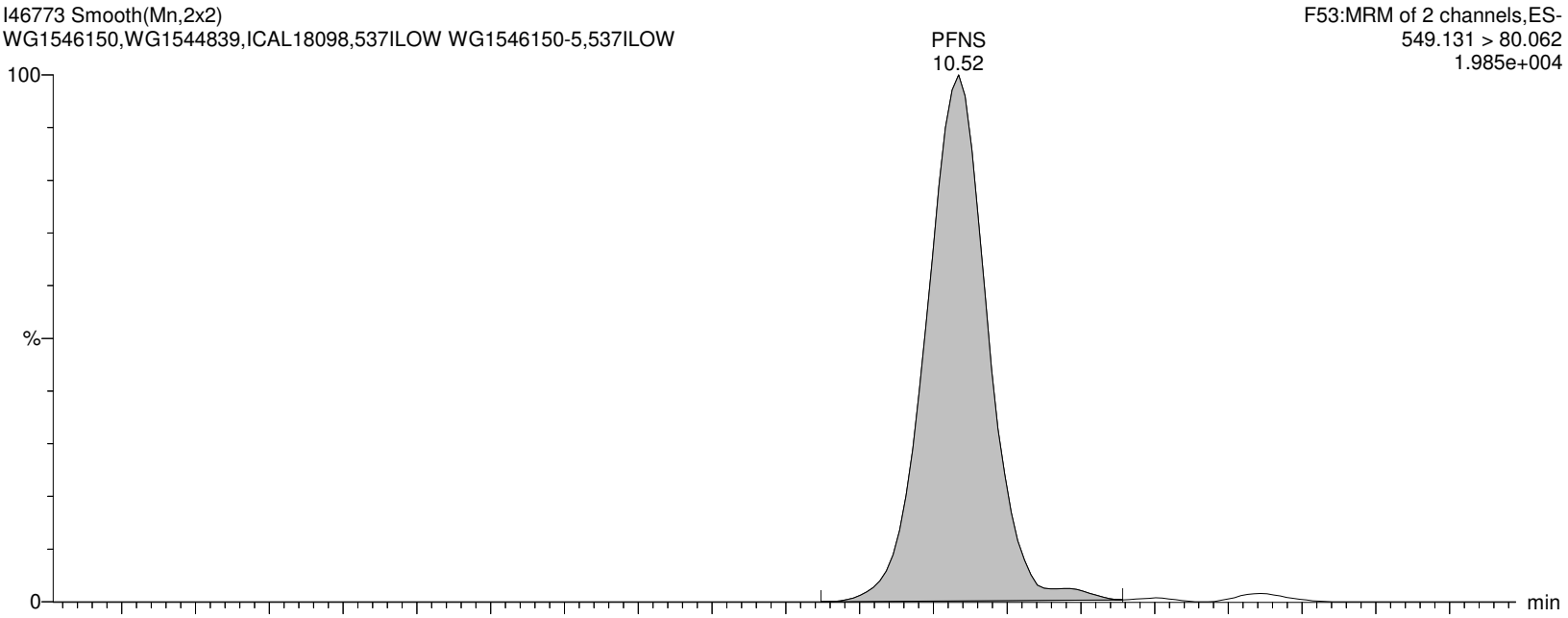


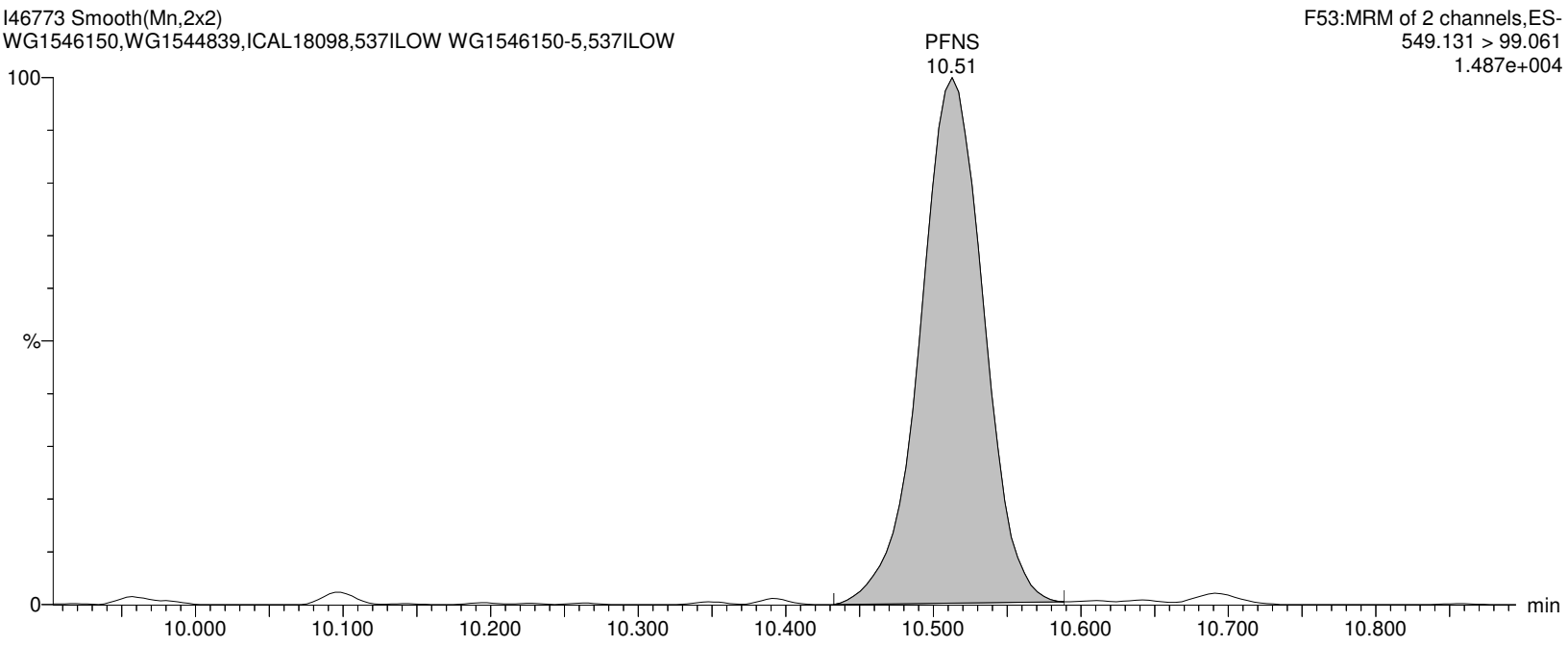
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNS



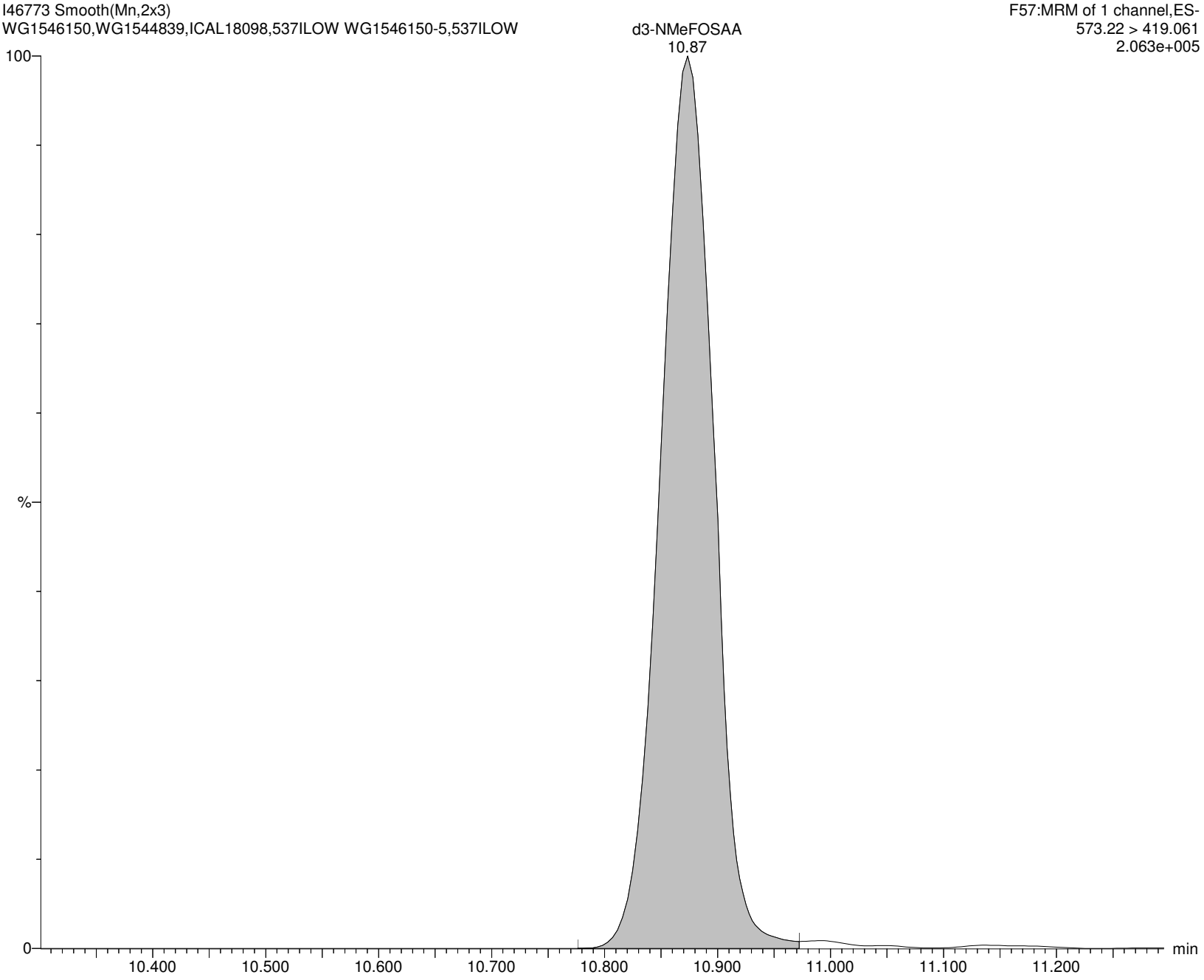


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSAA

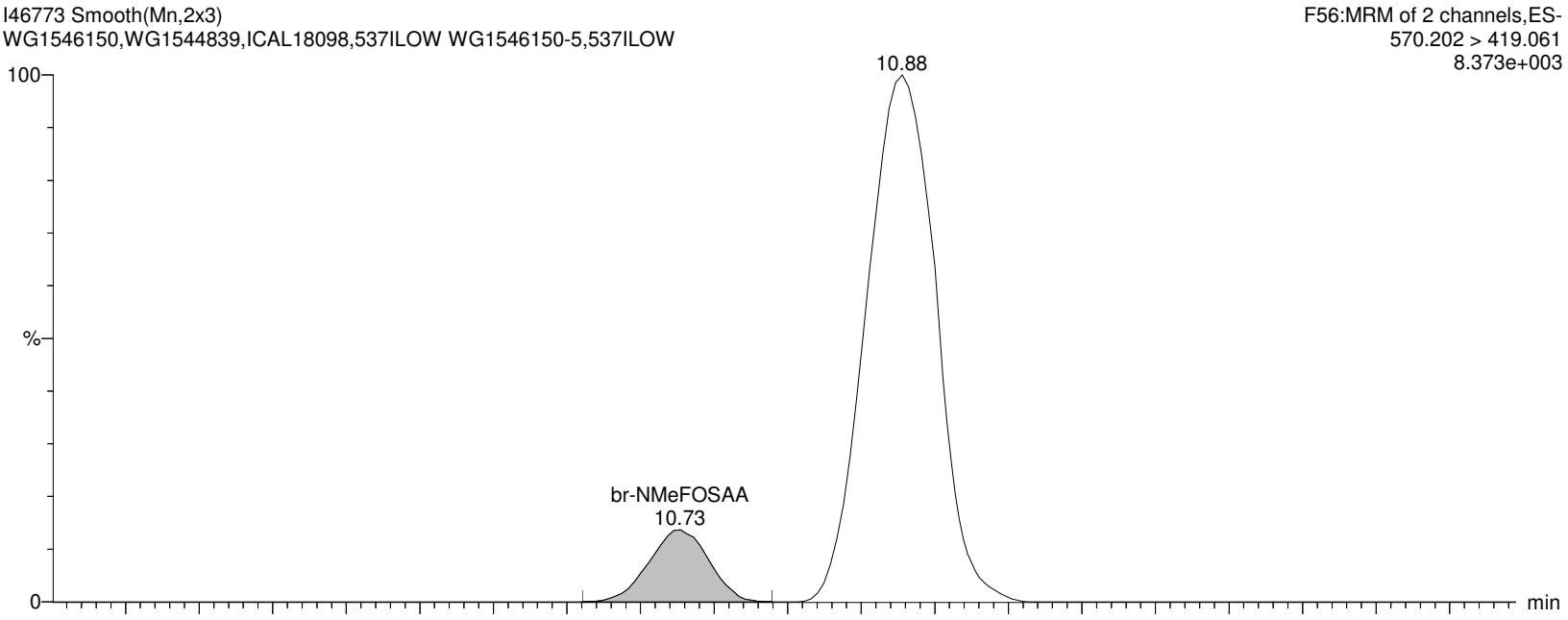


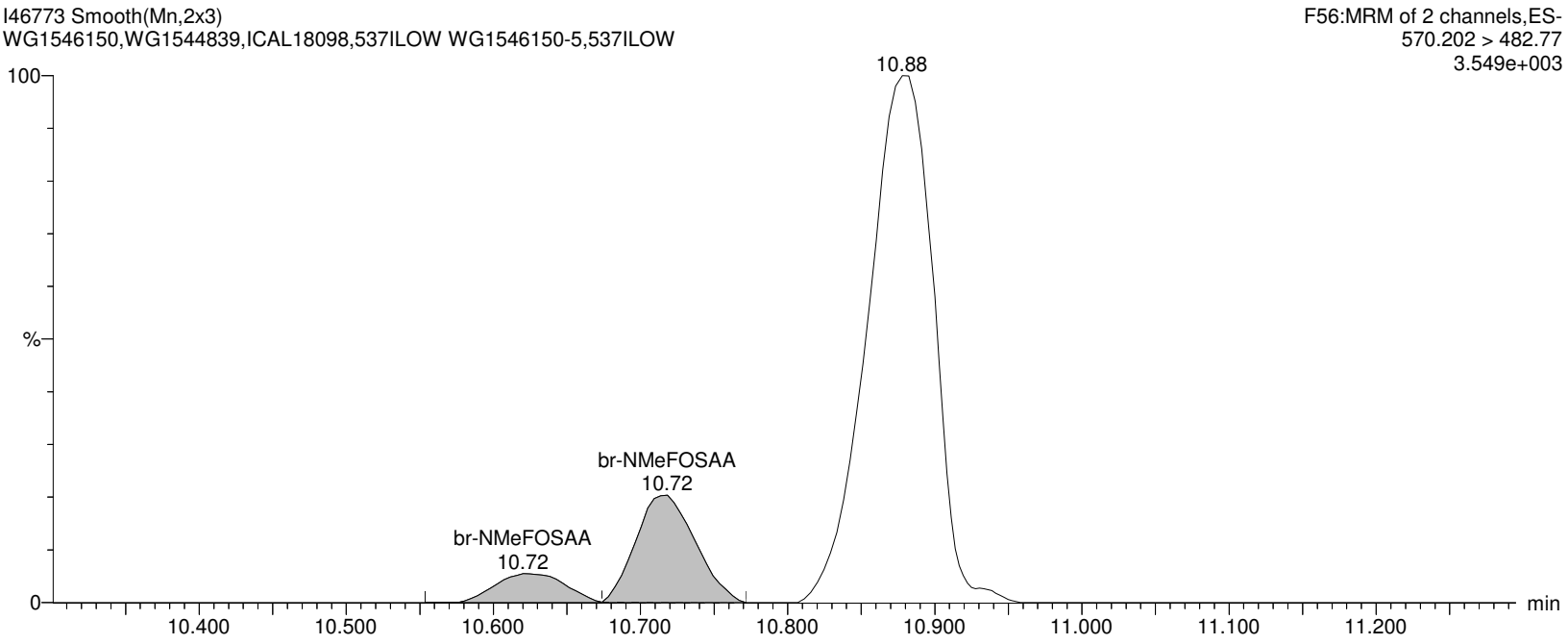
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NMeFOSAA



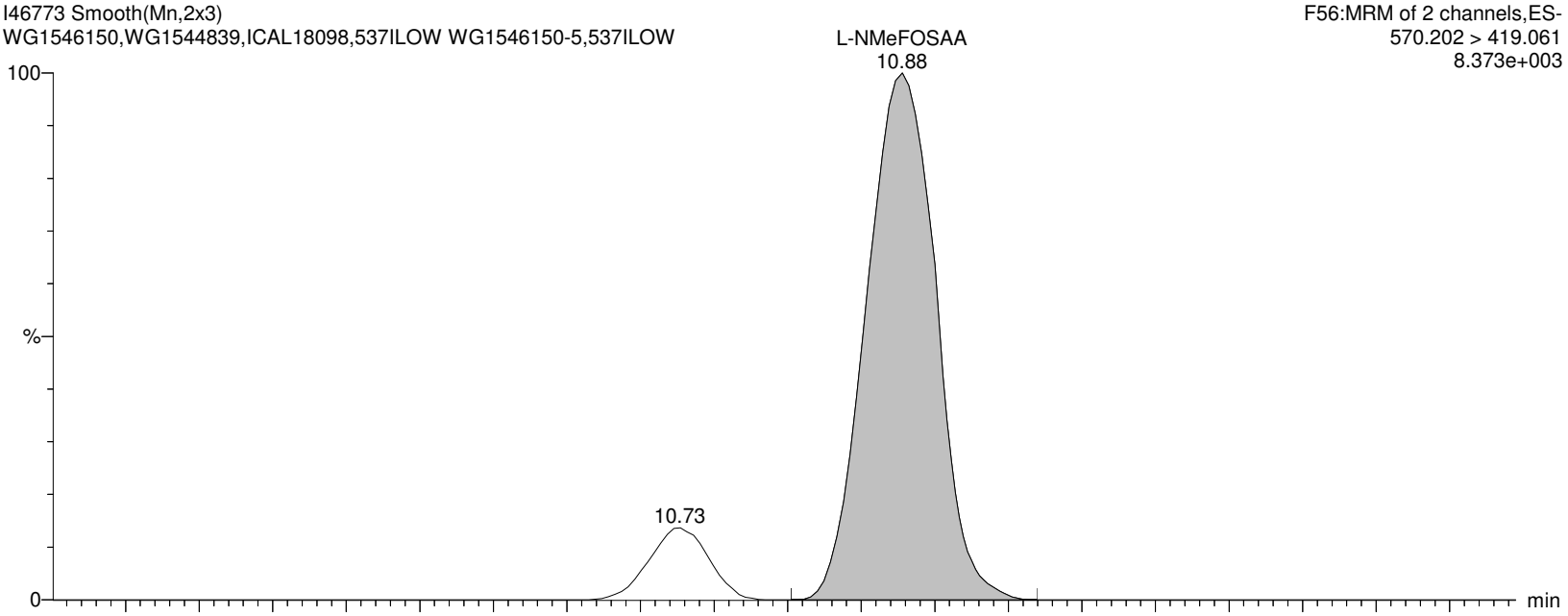


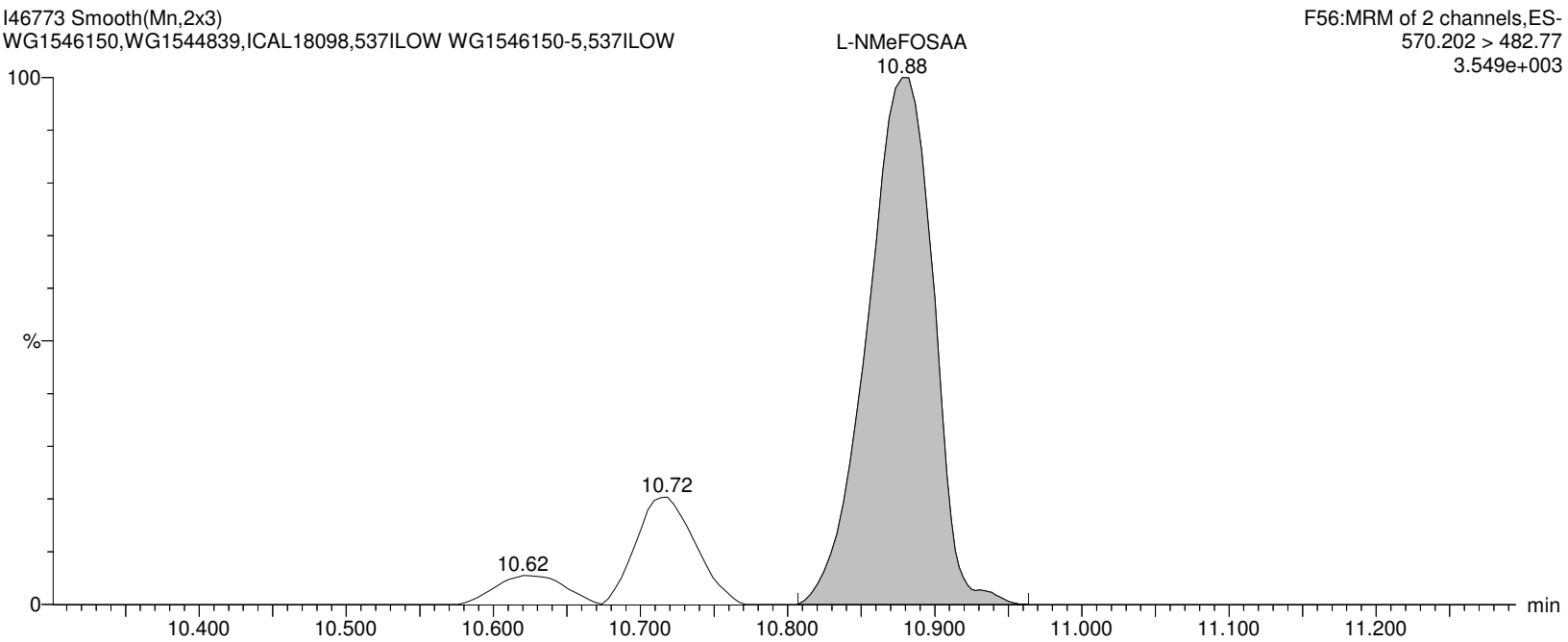
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NMeFOSAA



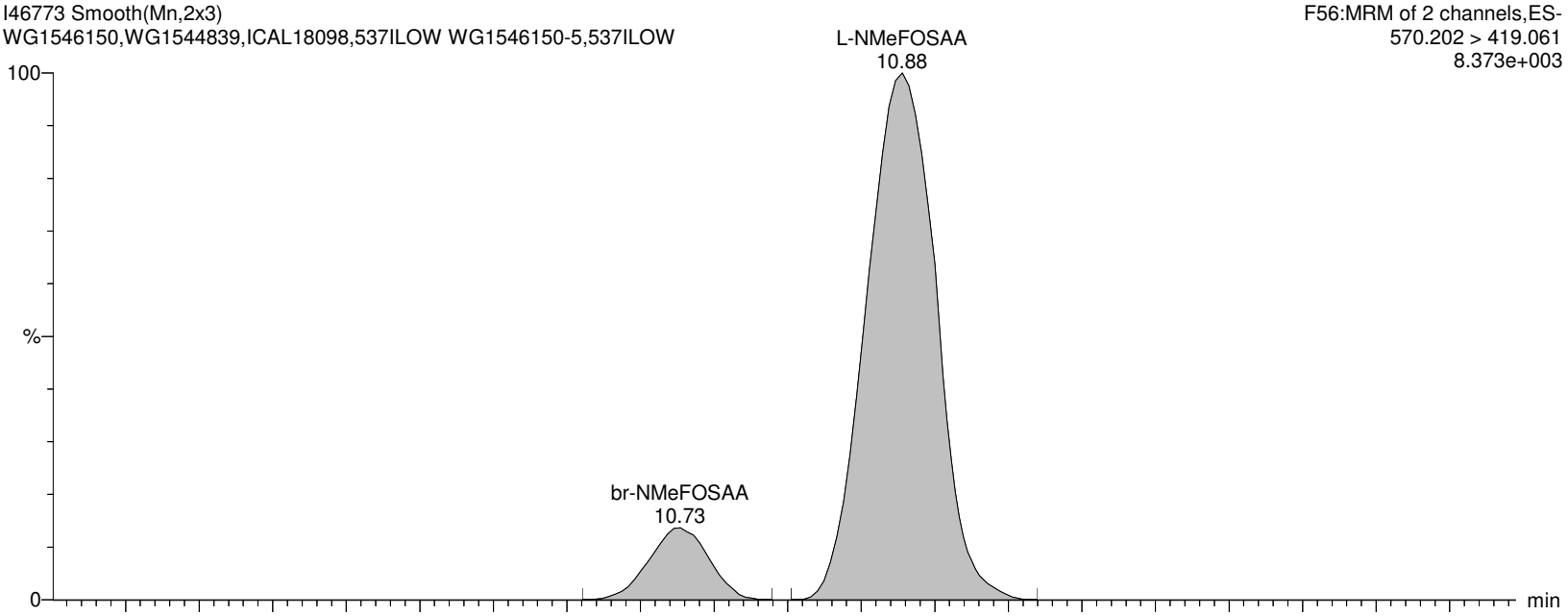


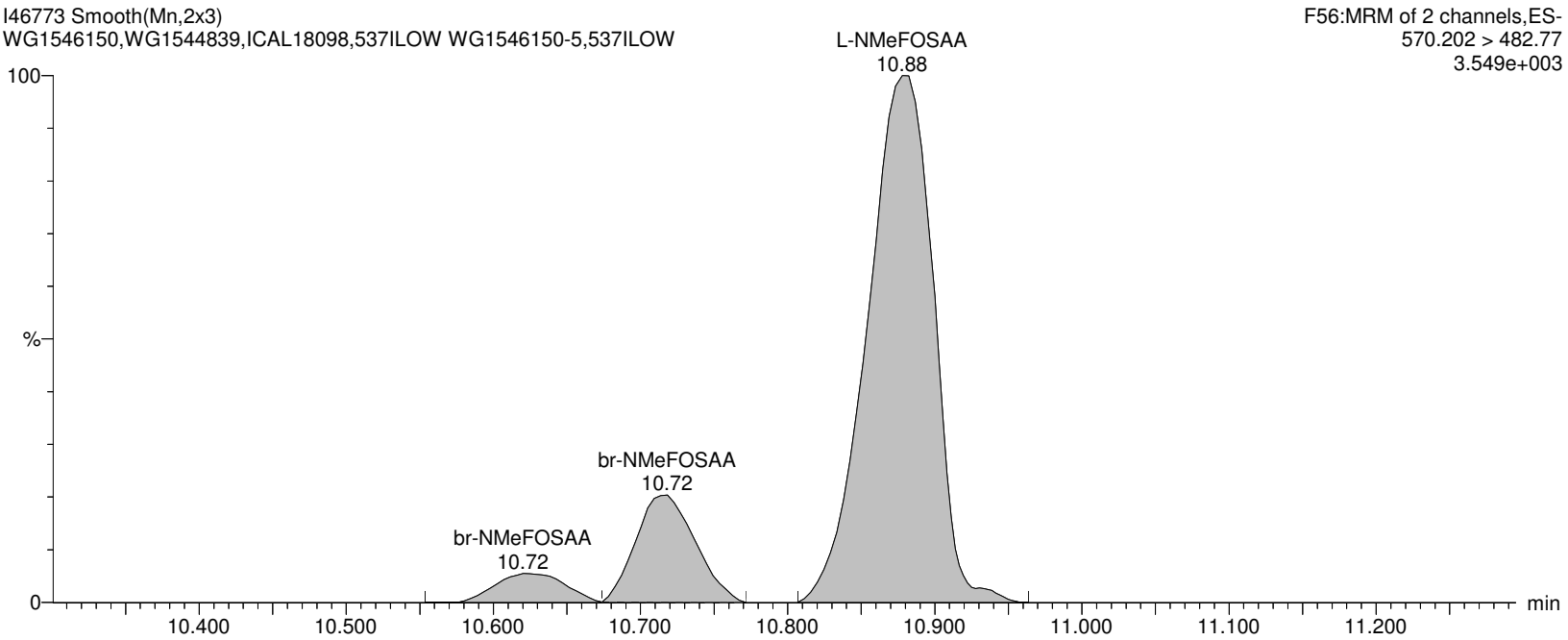
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSAA



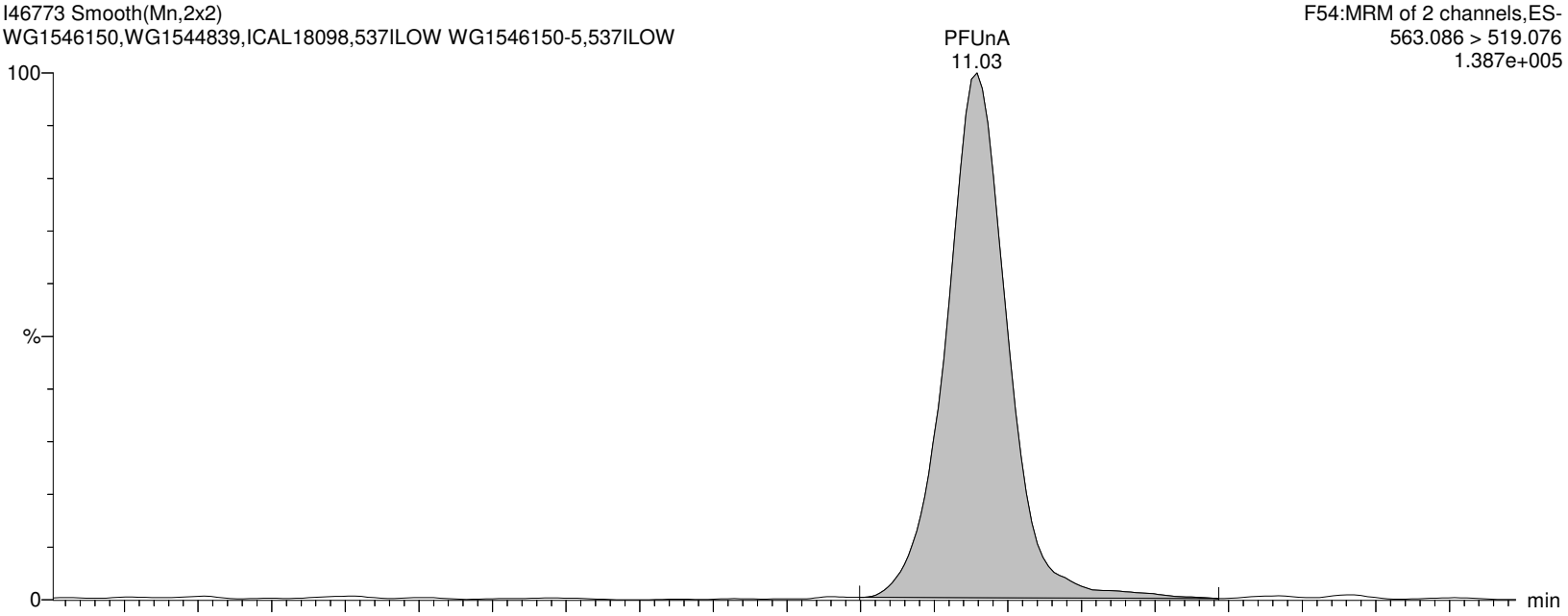


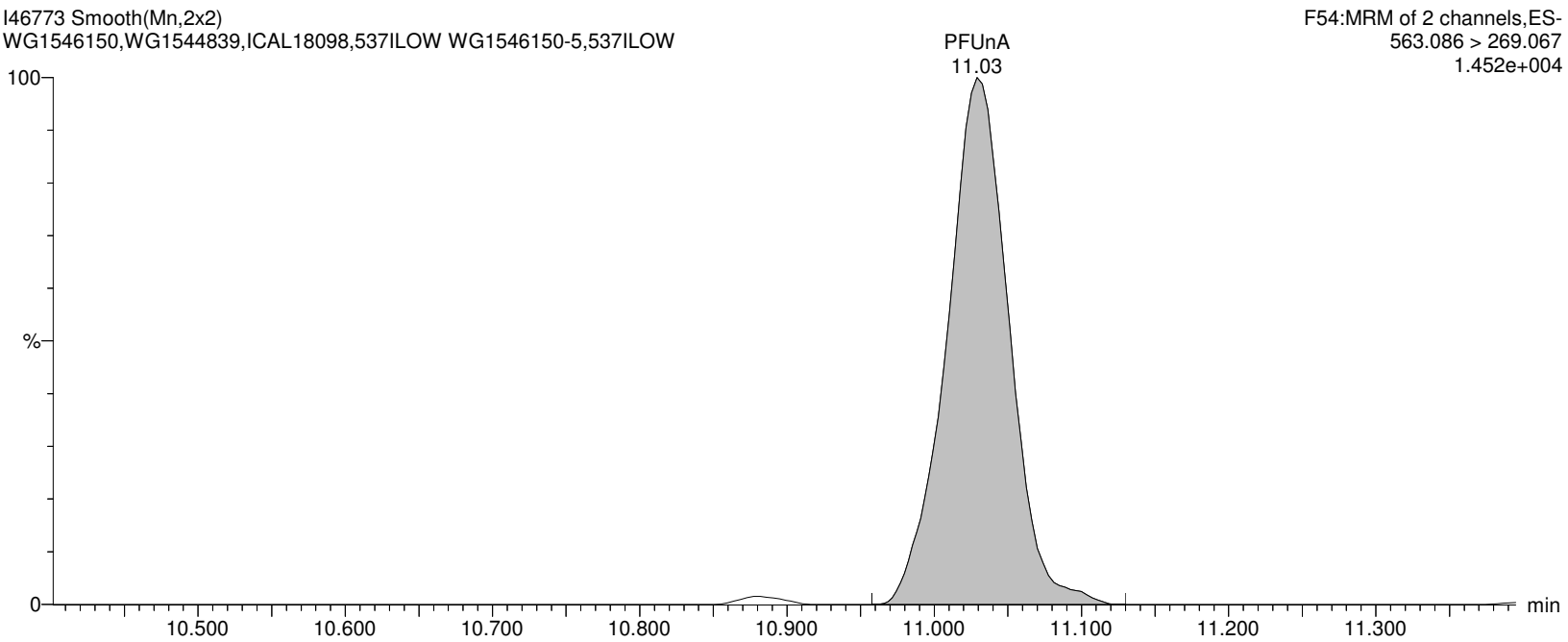
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFUnA



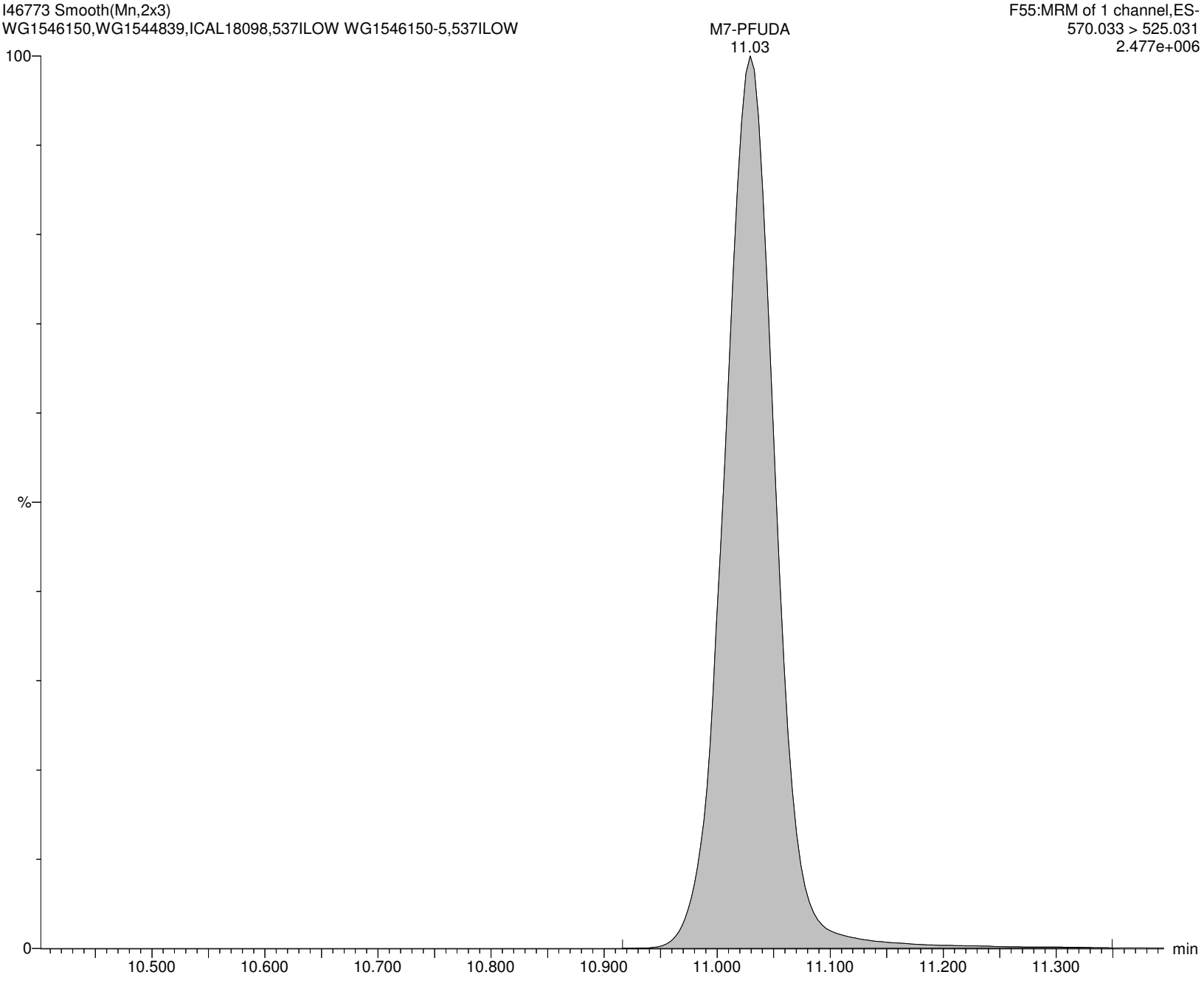


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M7-PFUDA

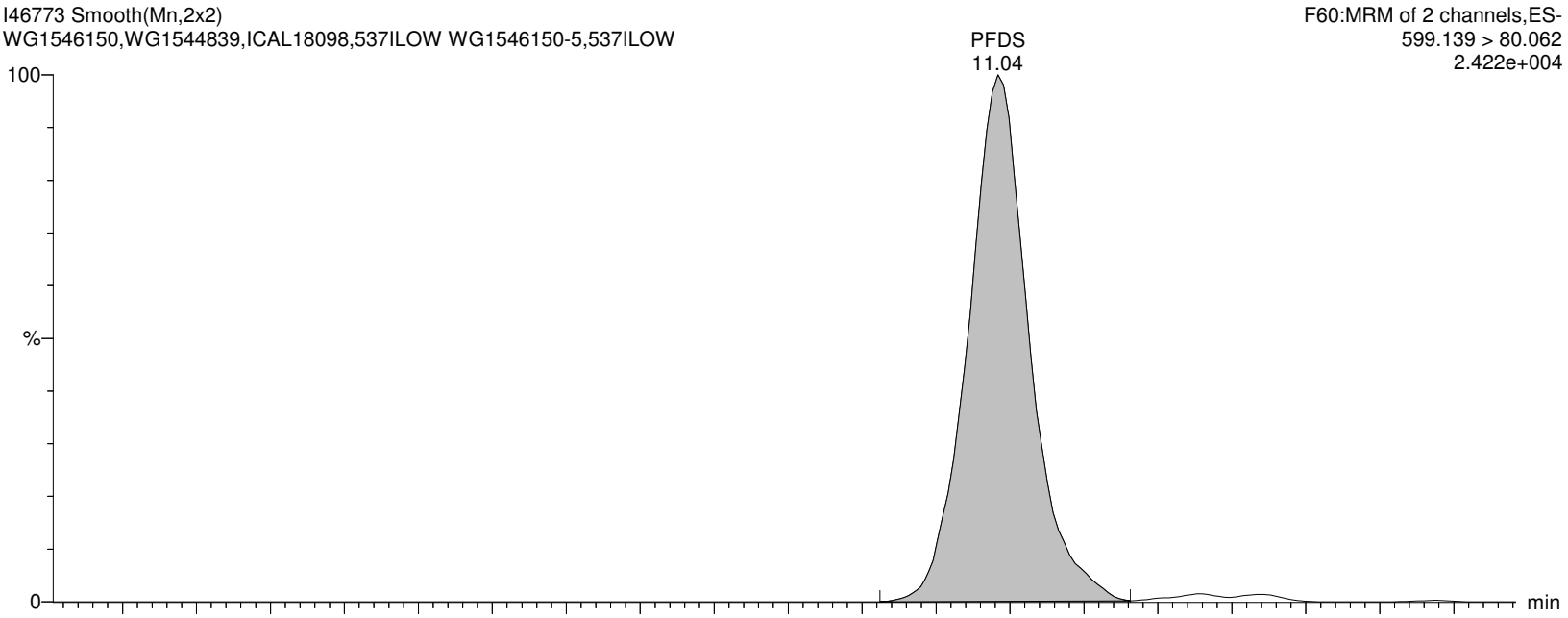


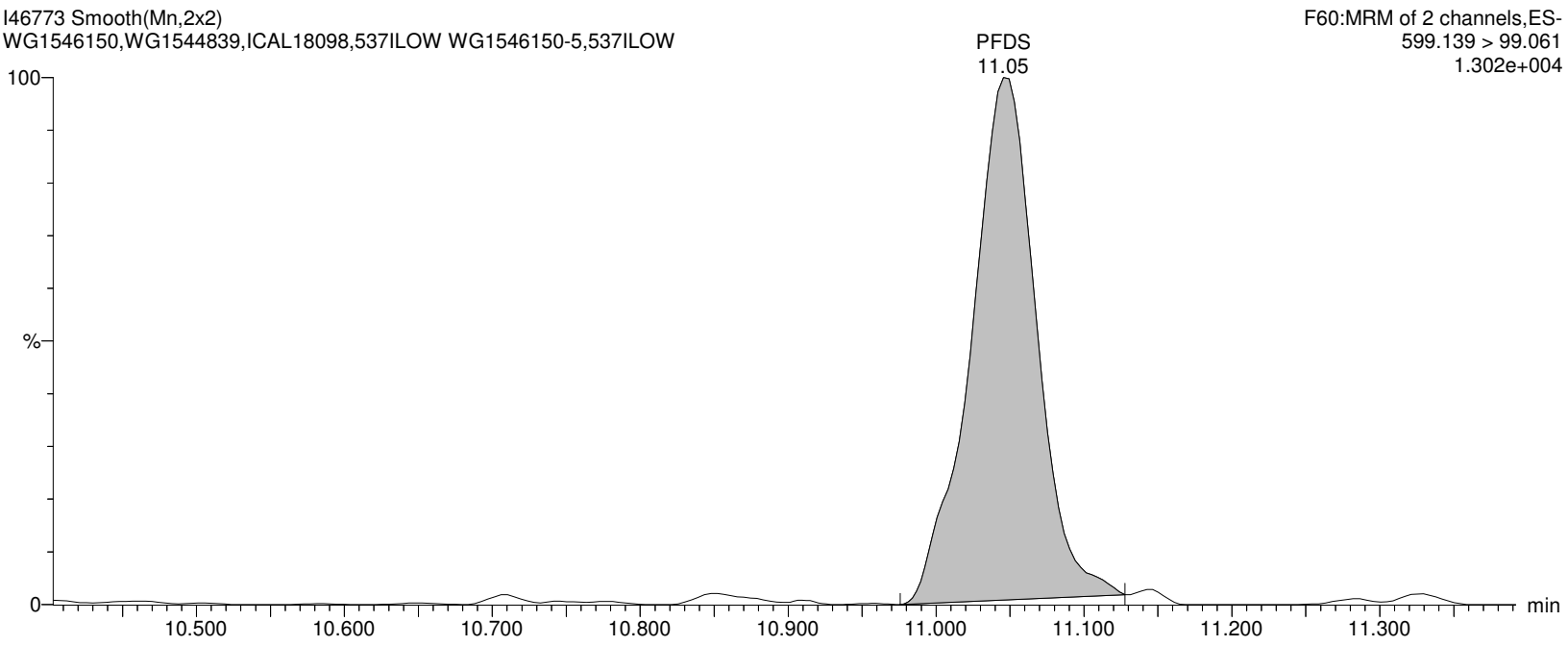
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDS



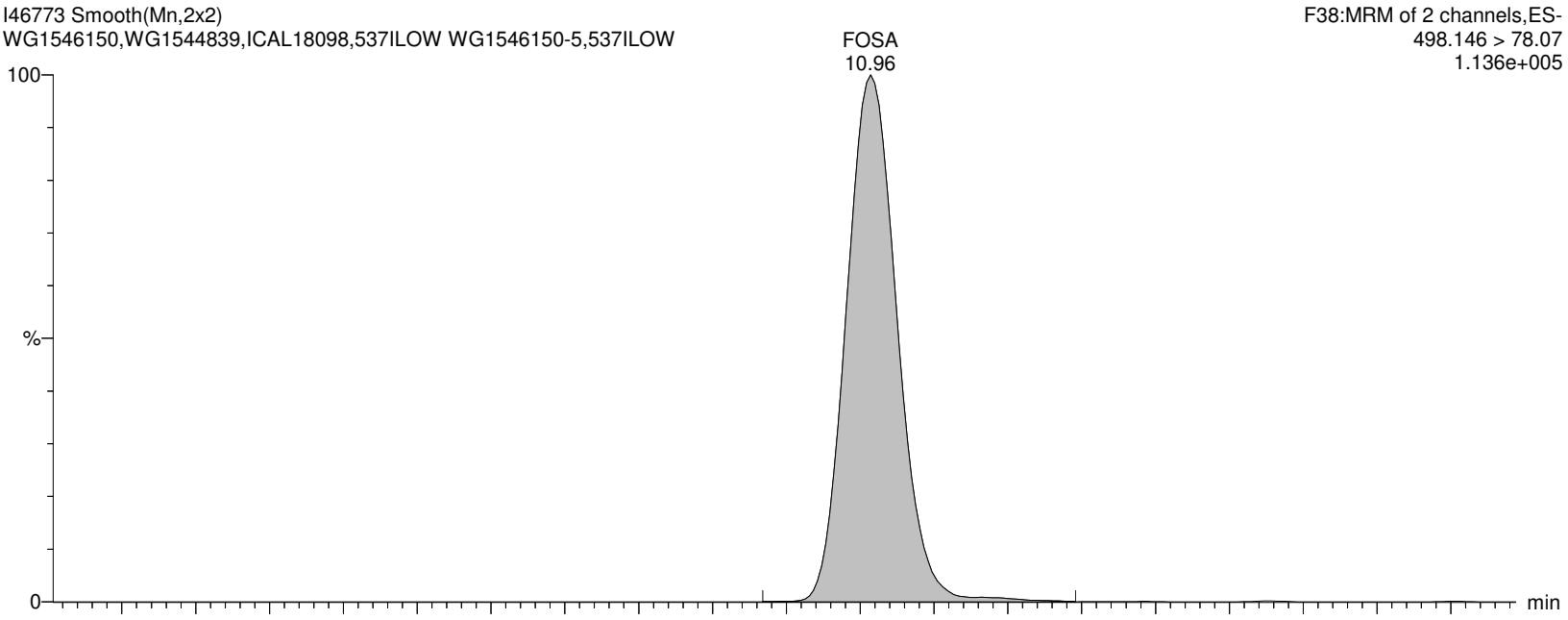


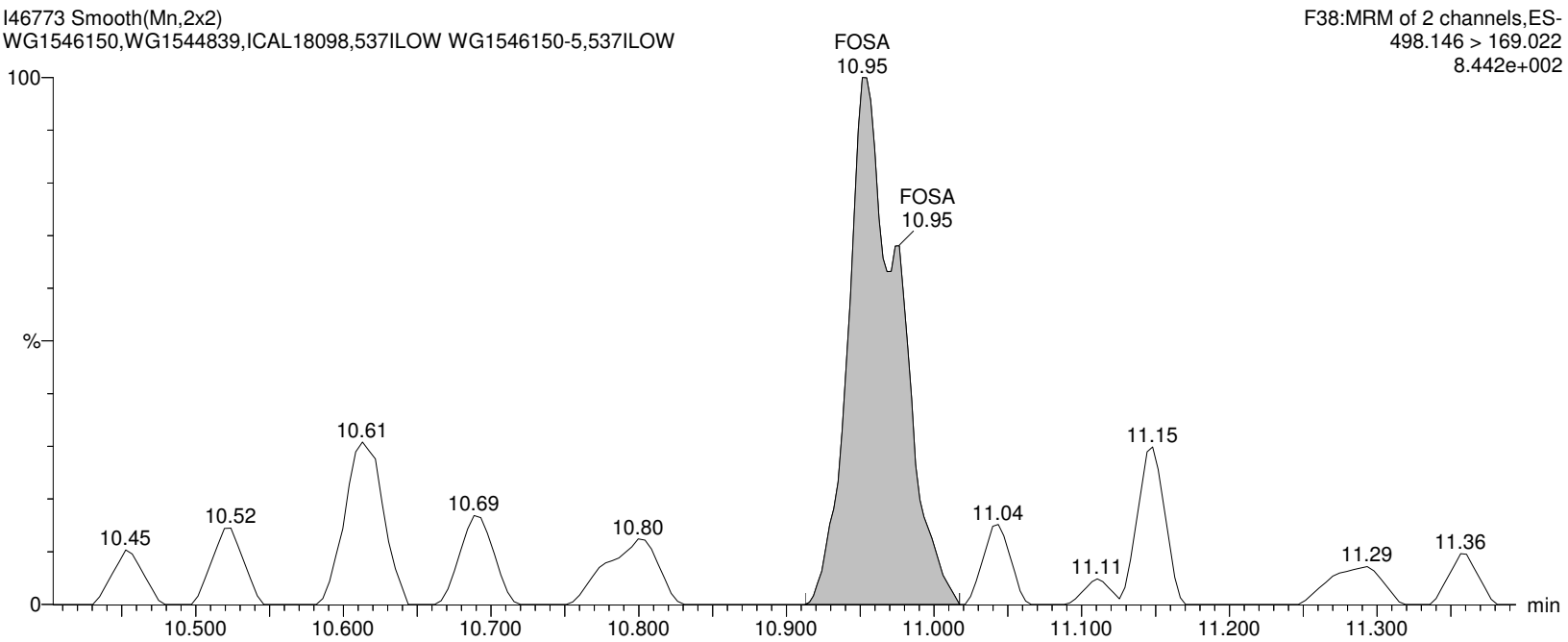
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

FOSA



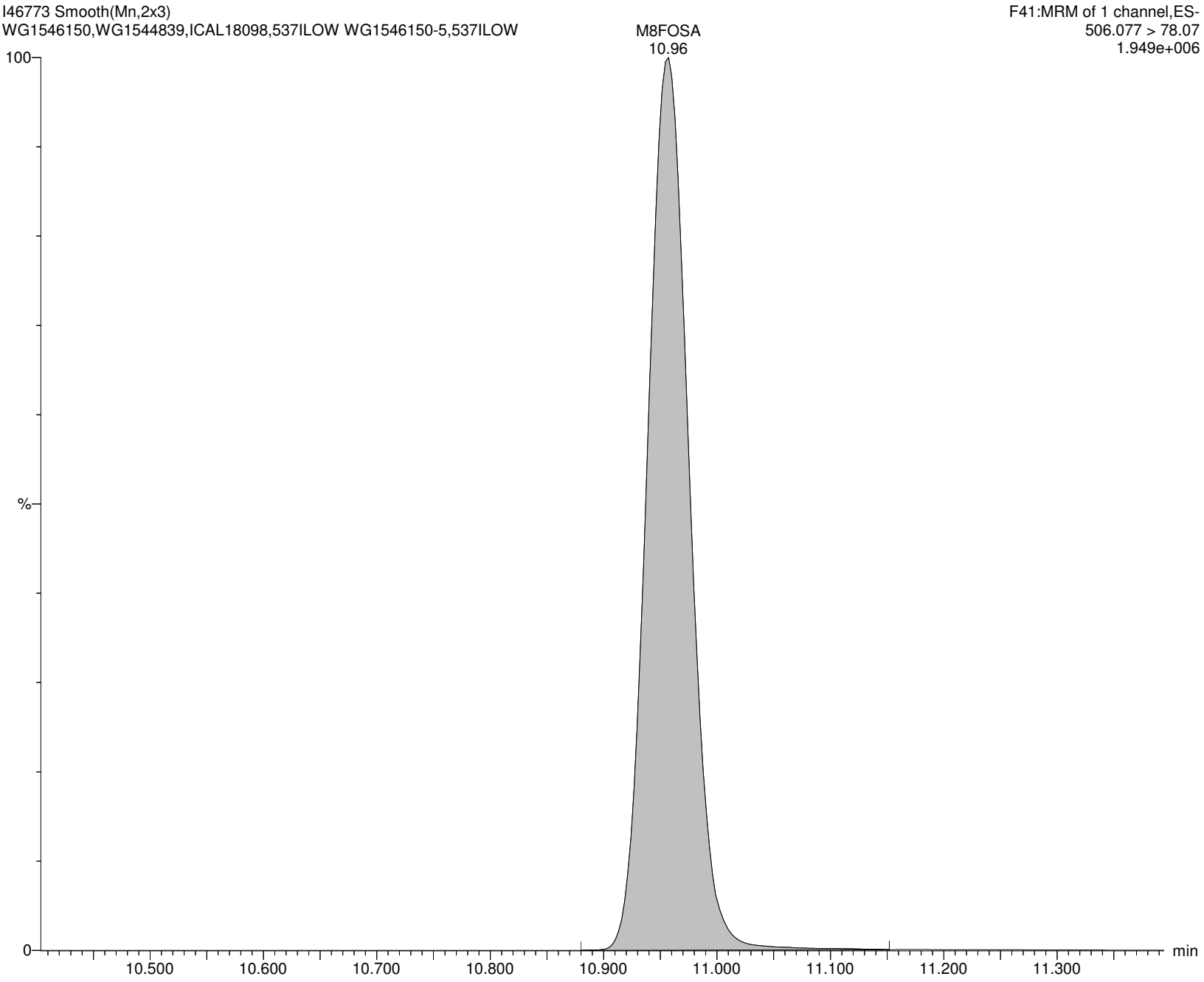


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8FOSA

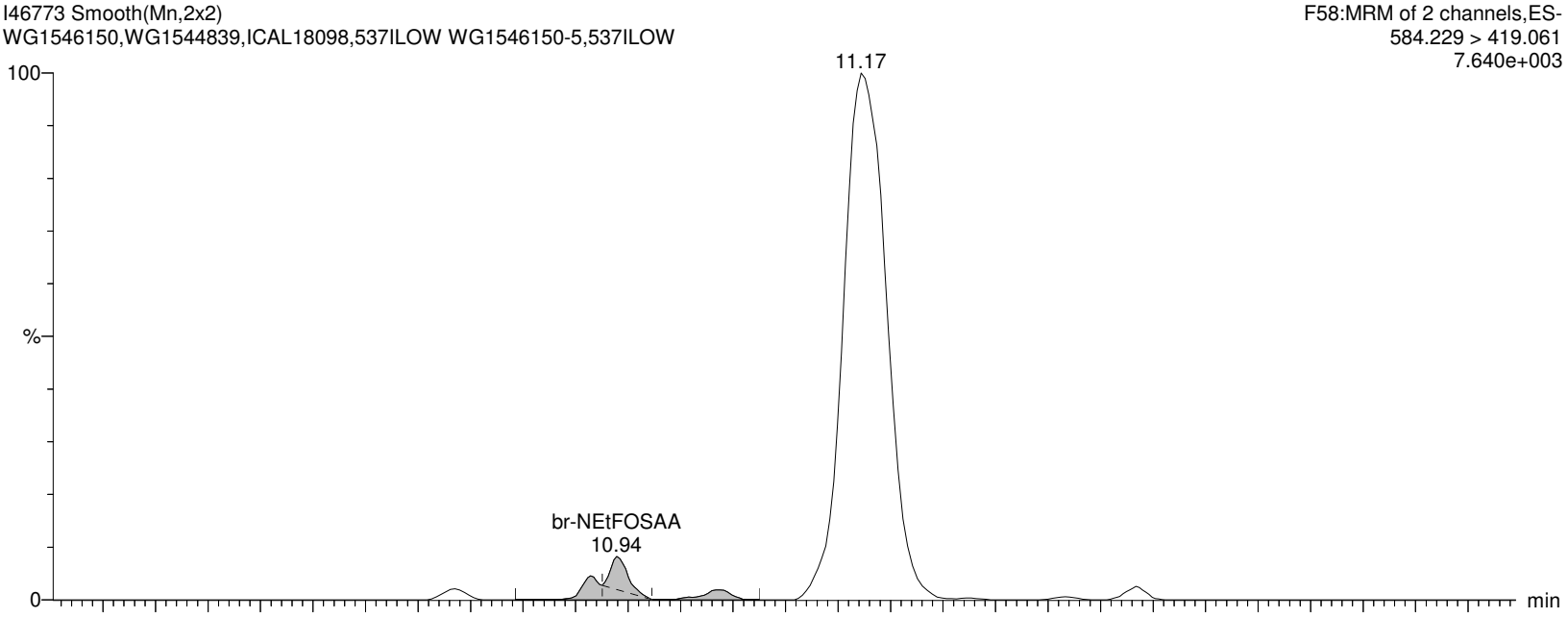


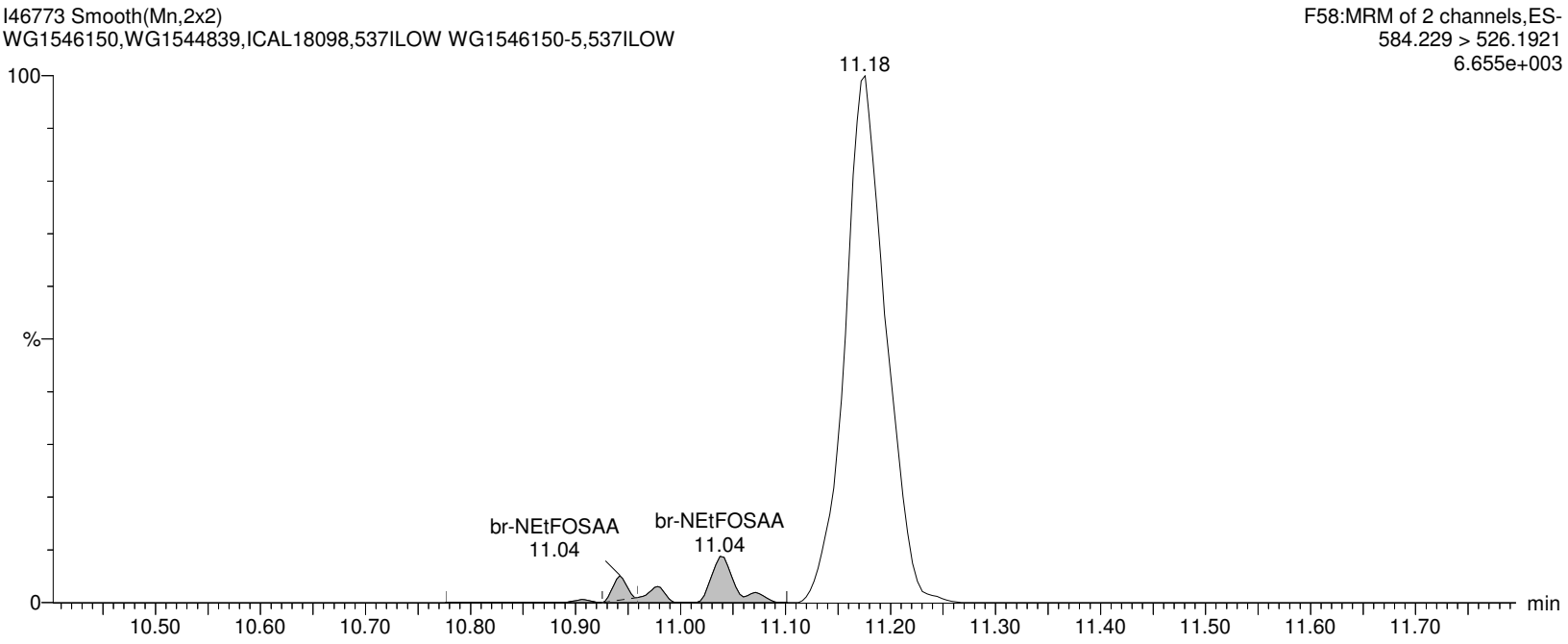
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NEtFOSAA



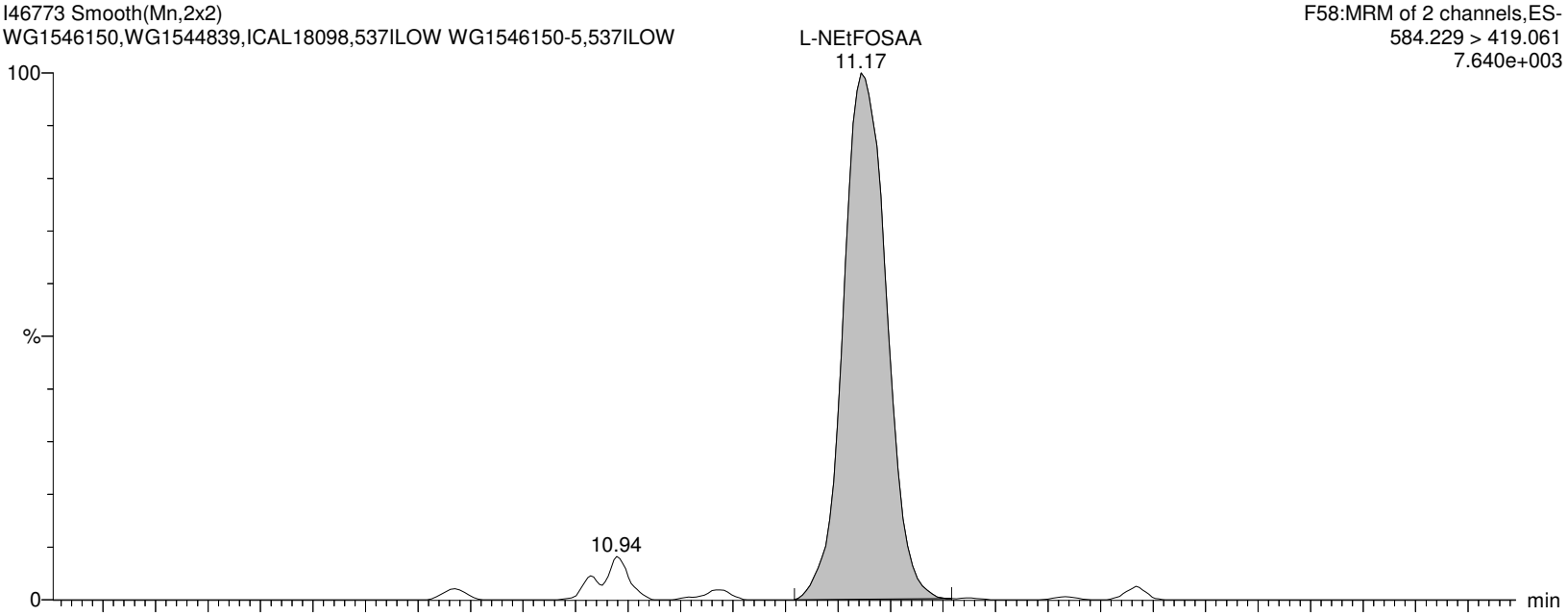


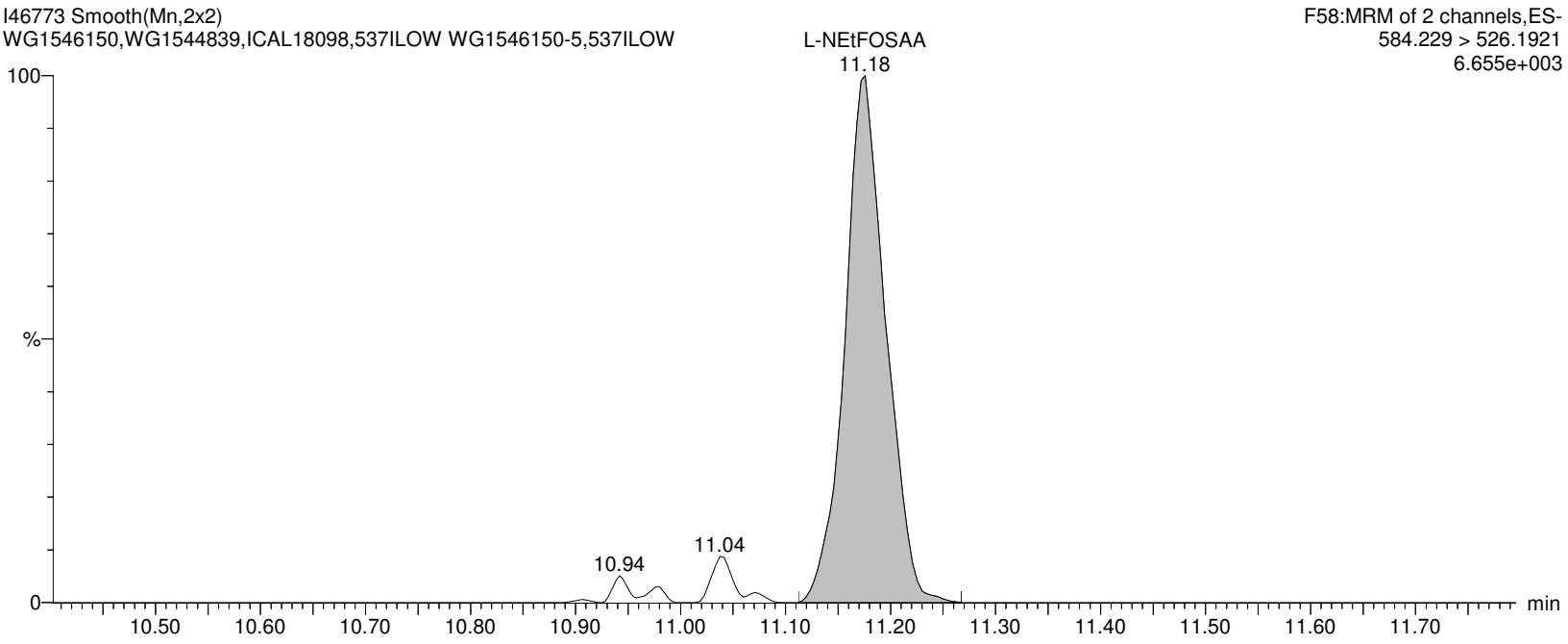
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NEtFOSAA



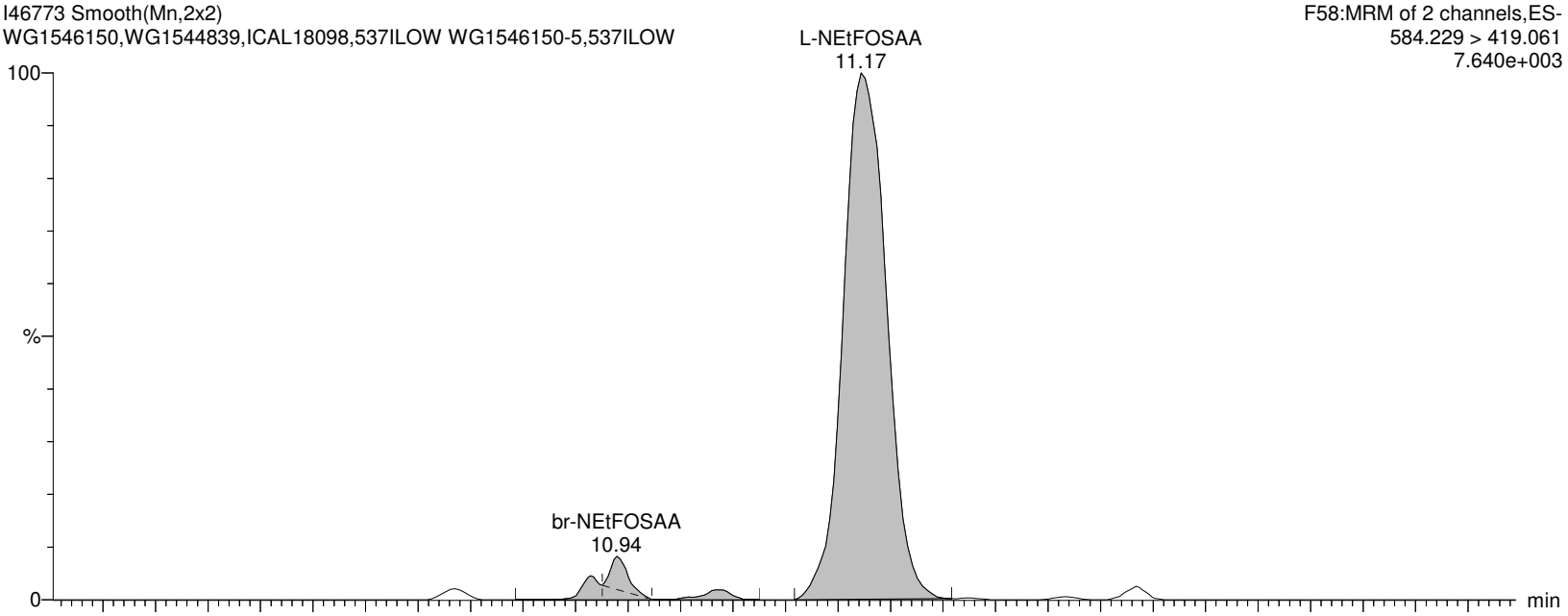


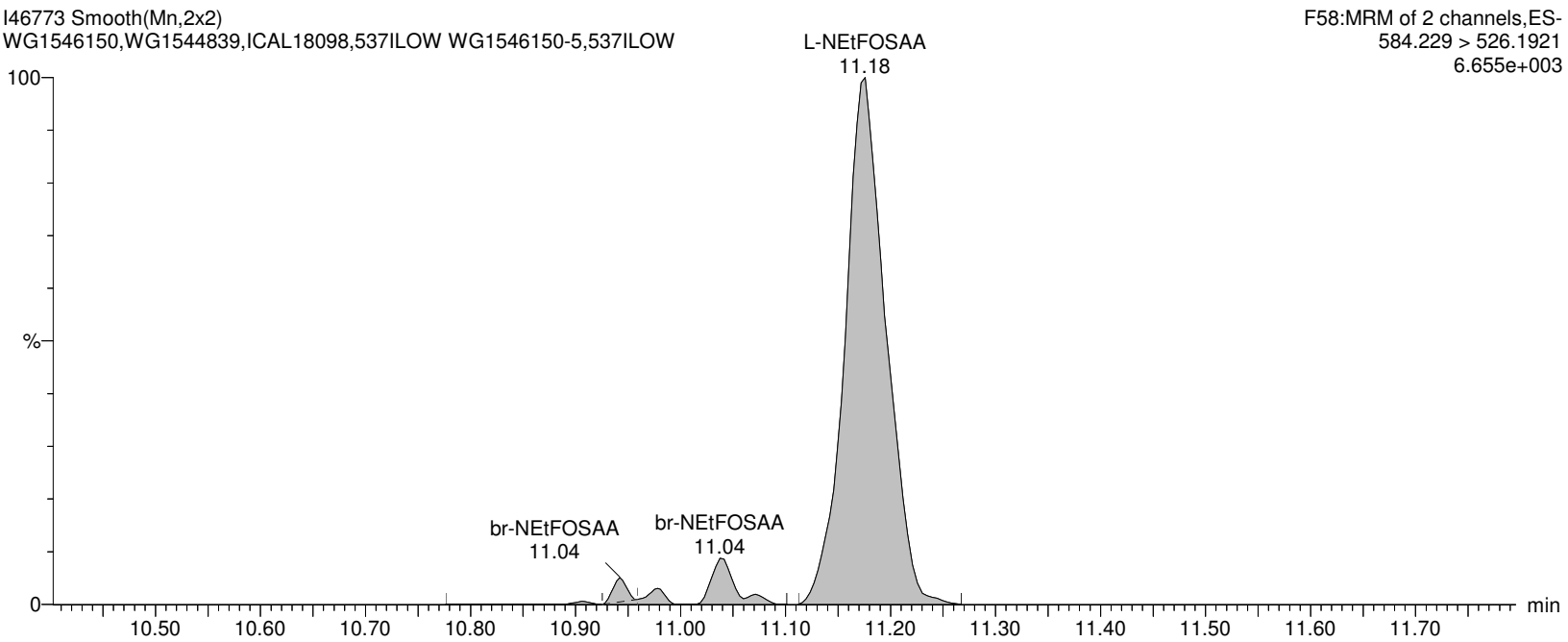
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSAA



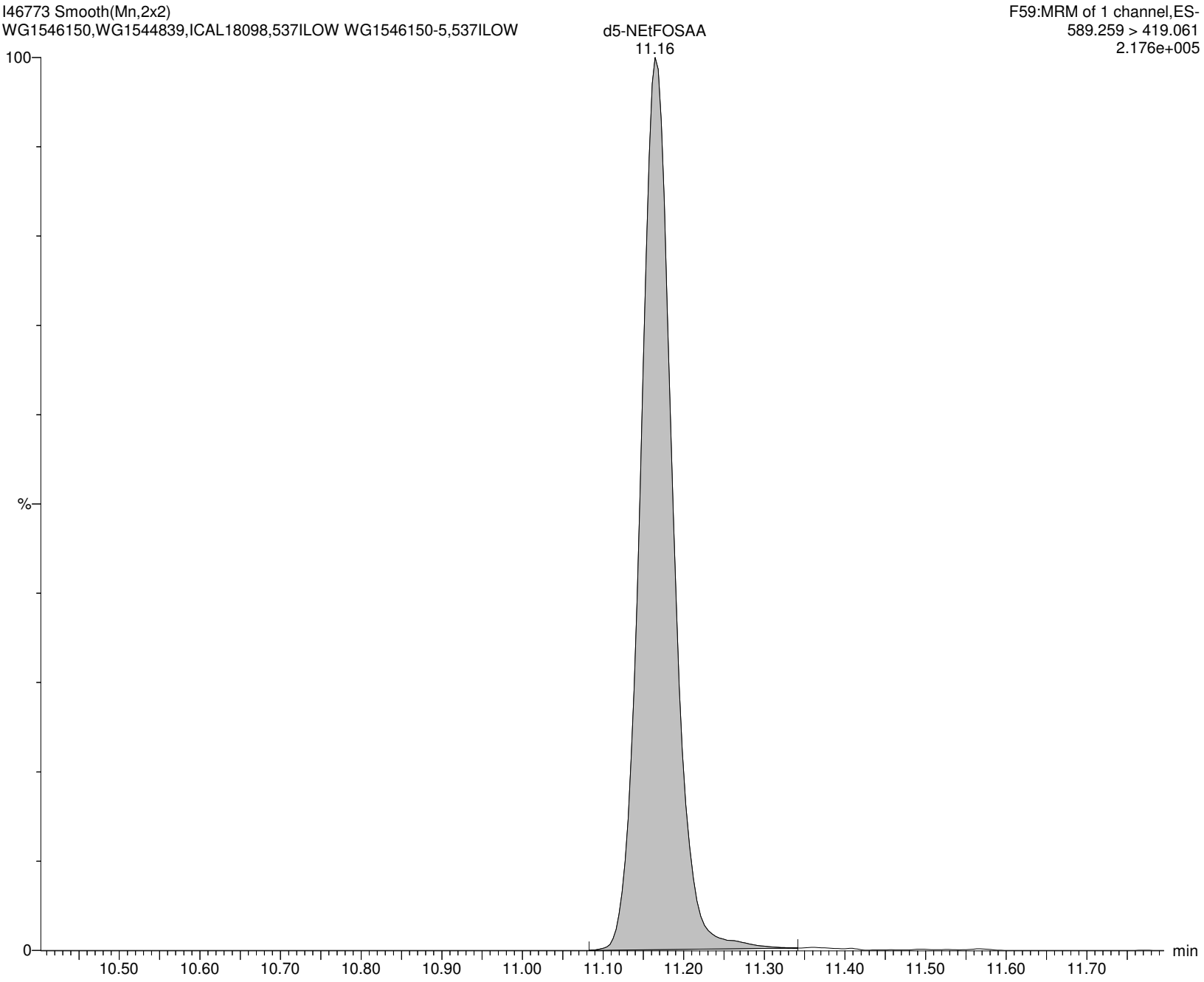


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSAA

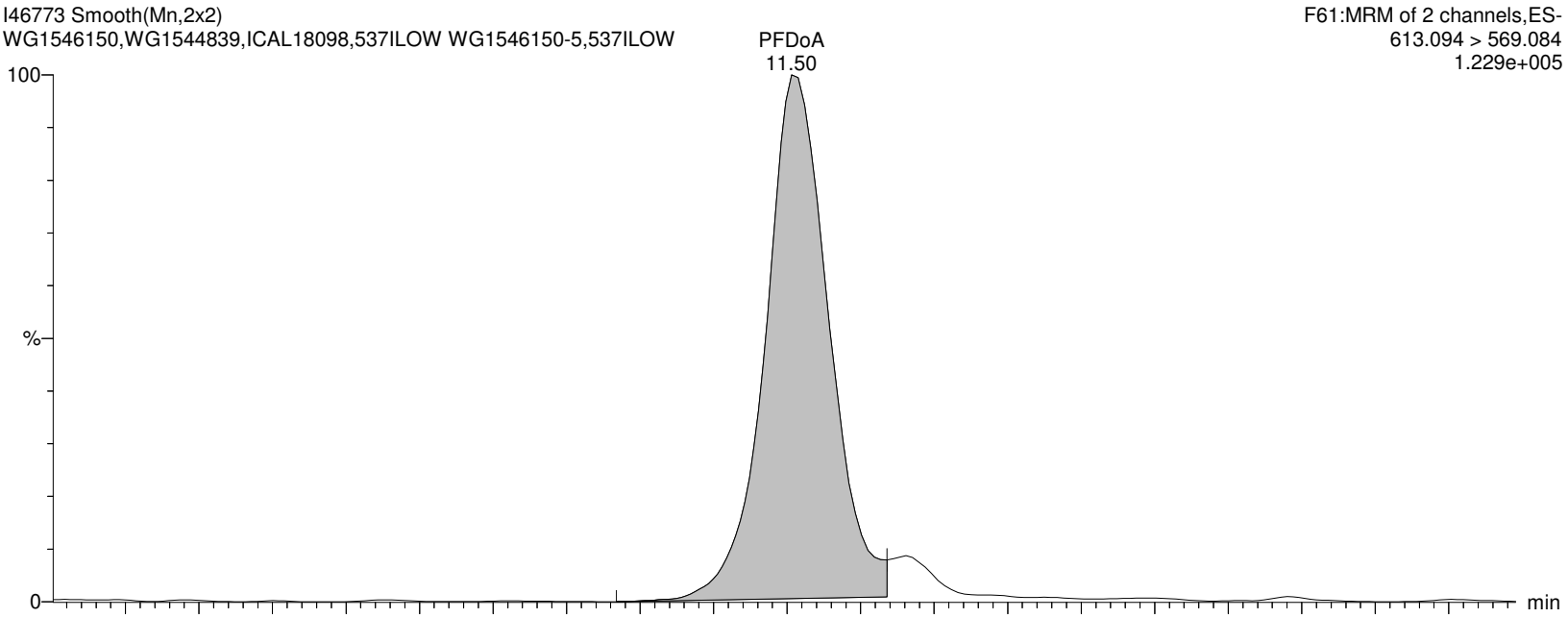


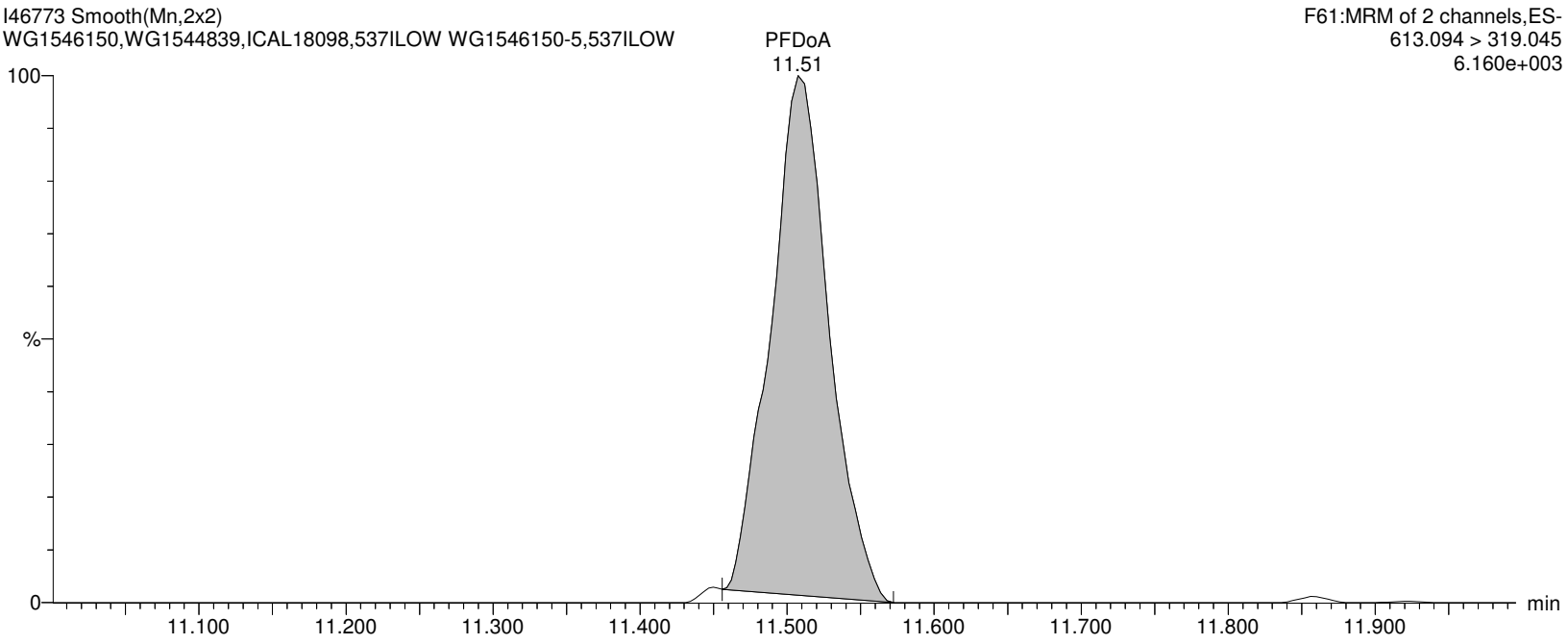
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoA



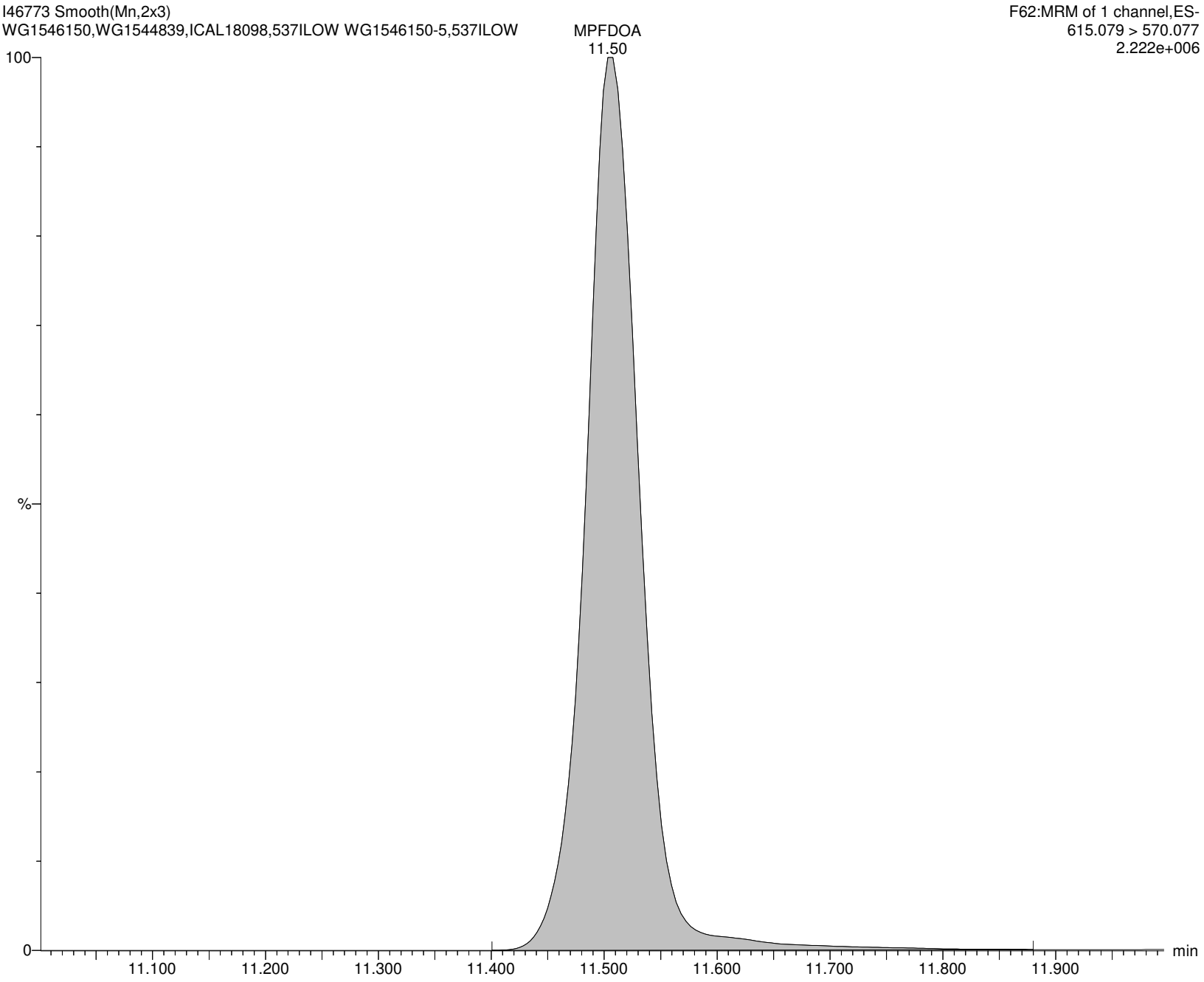


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFDOA

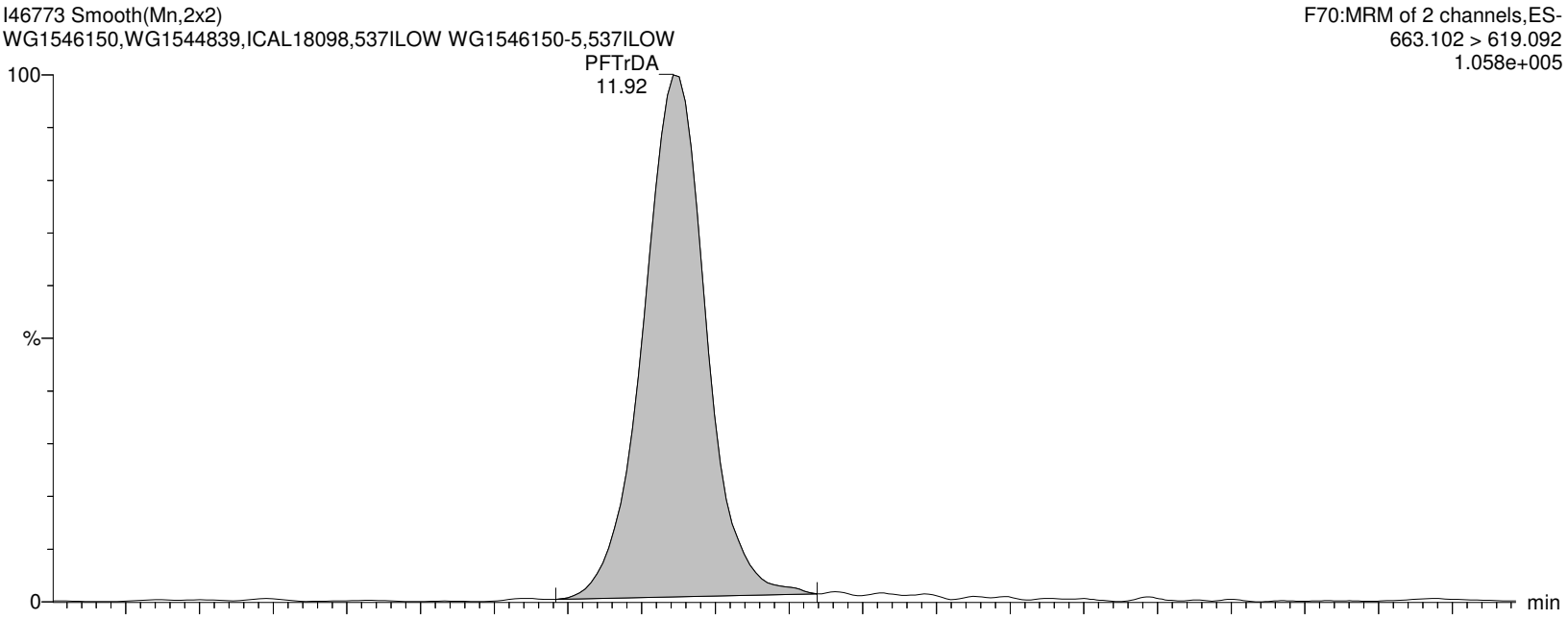


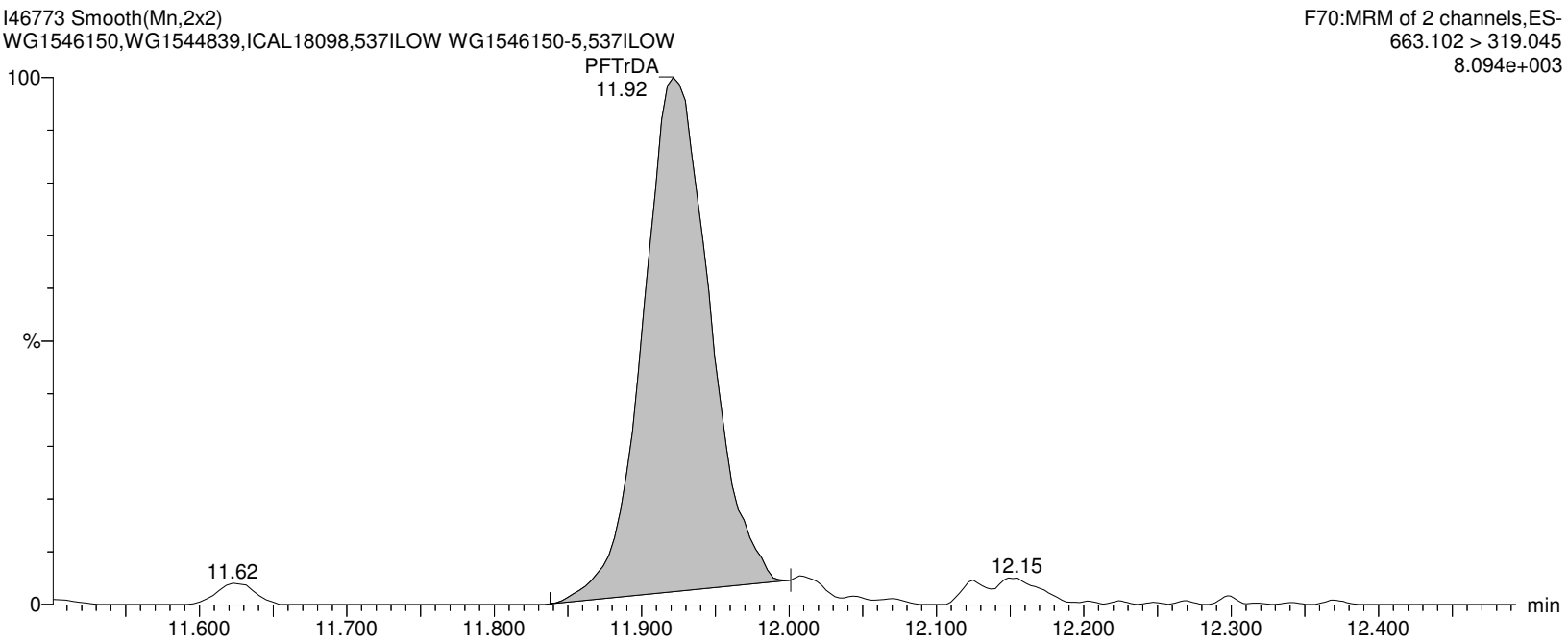
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTrDA



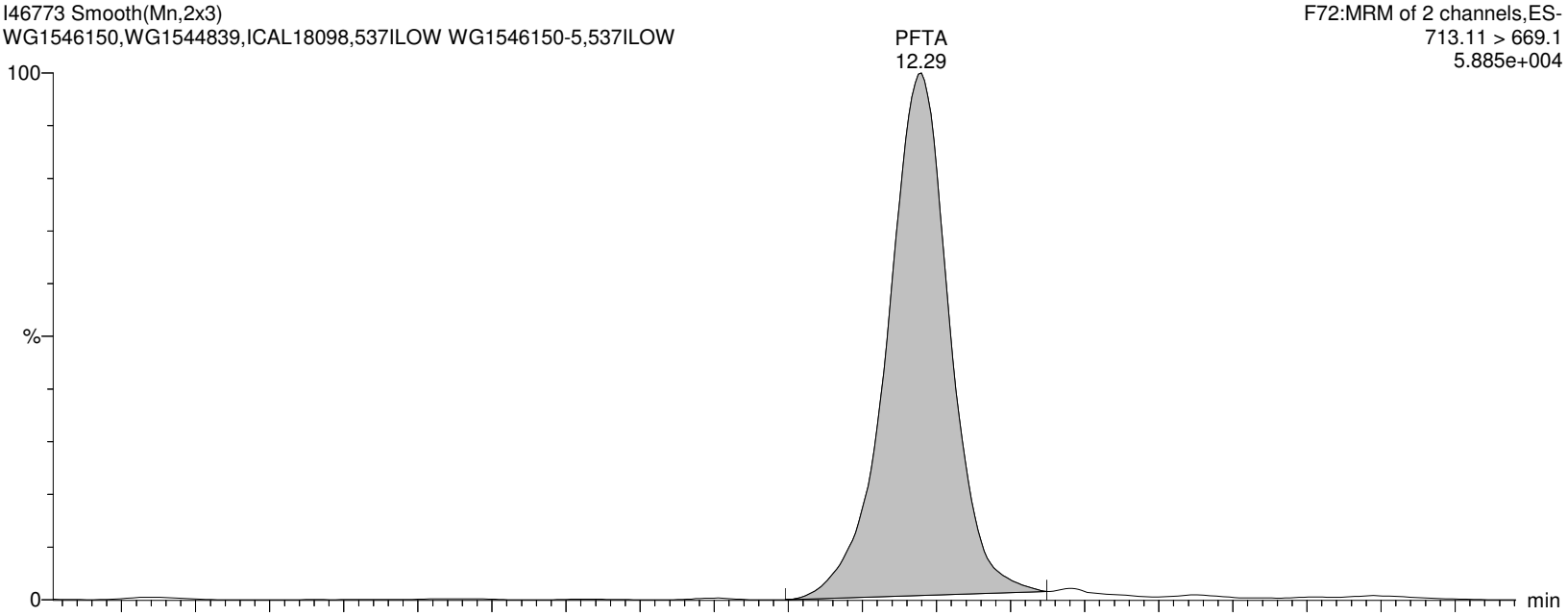


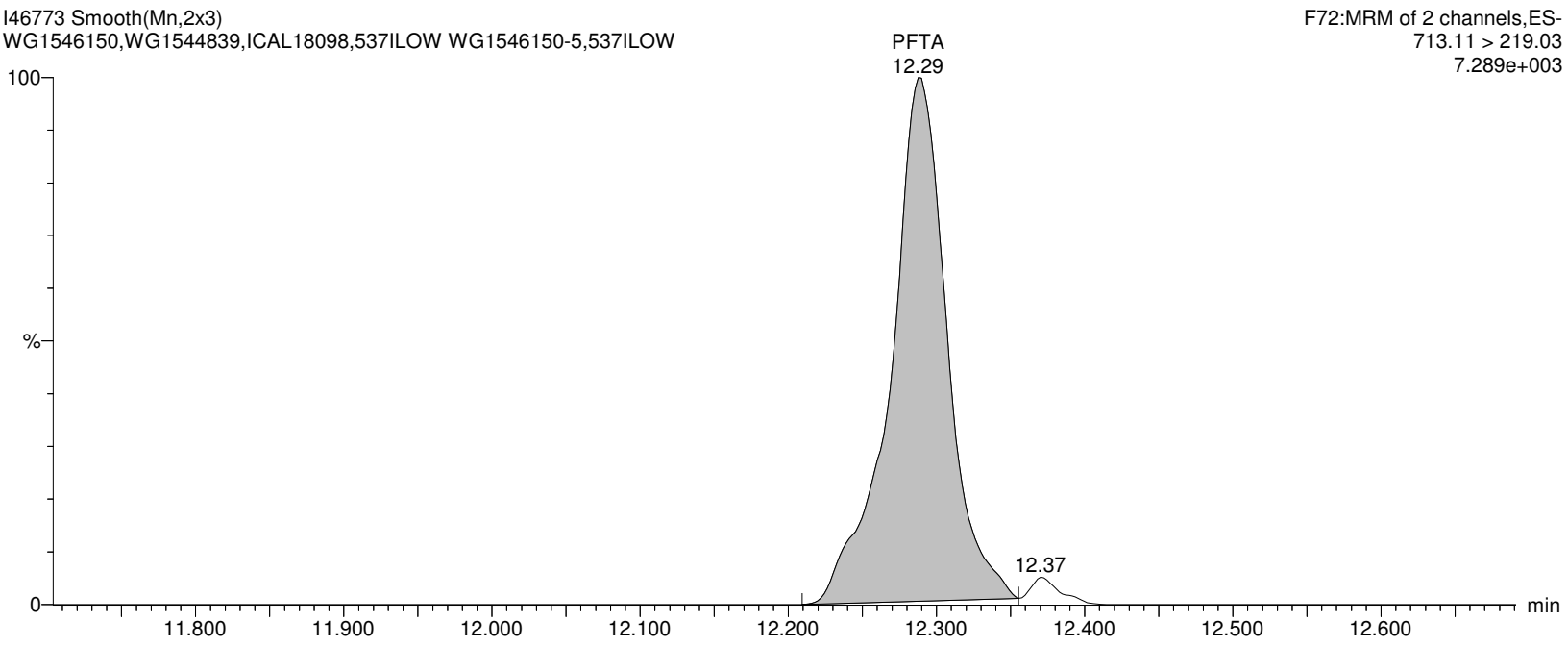
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTA



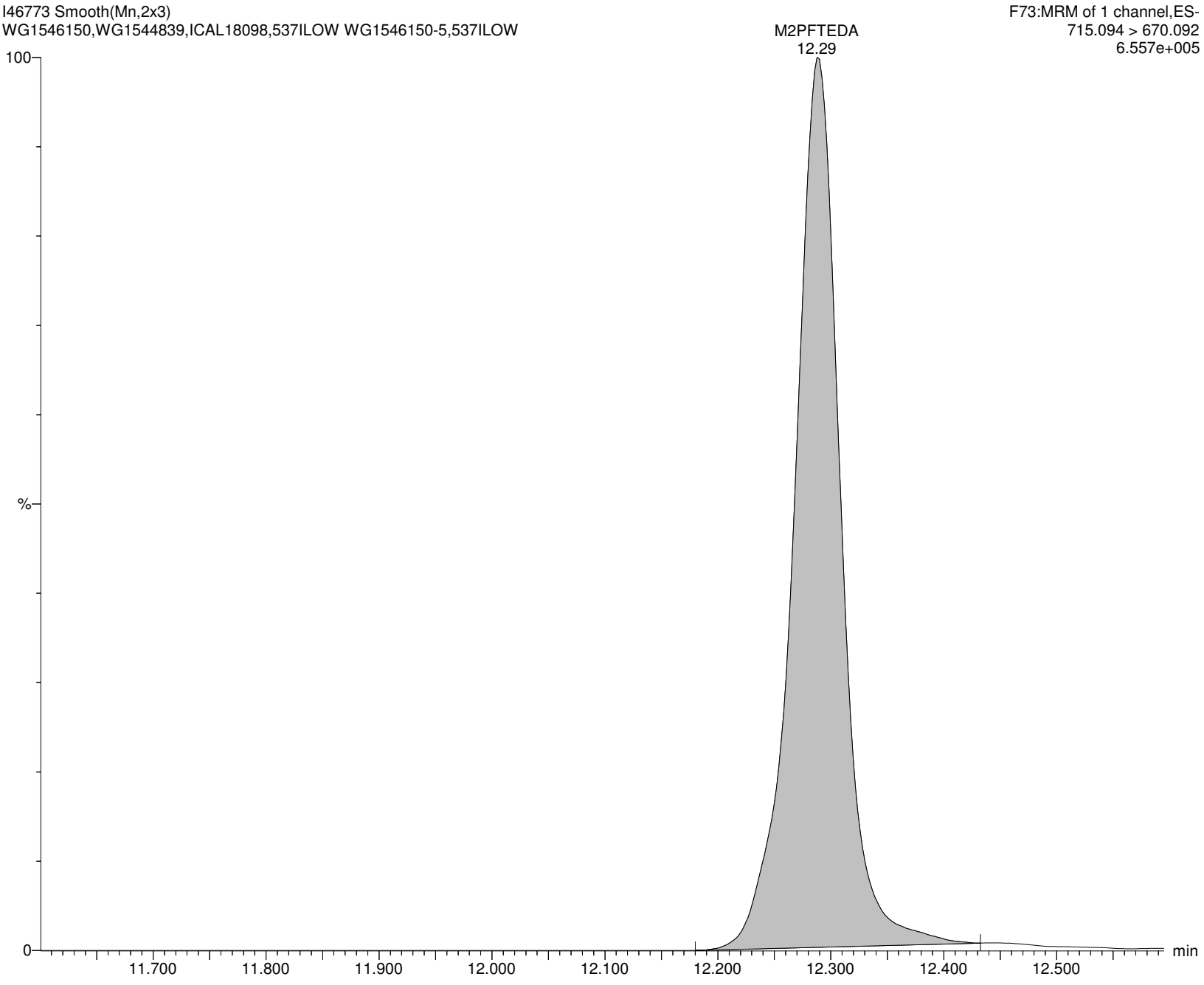


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFTEDA

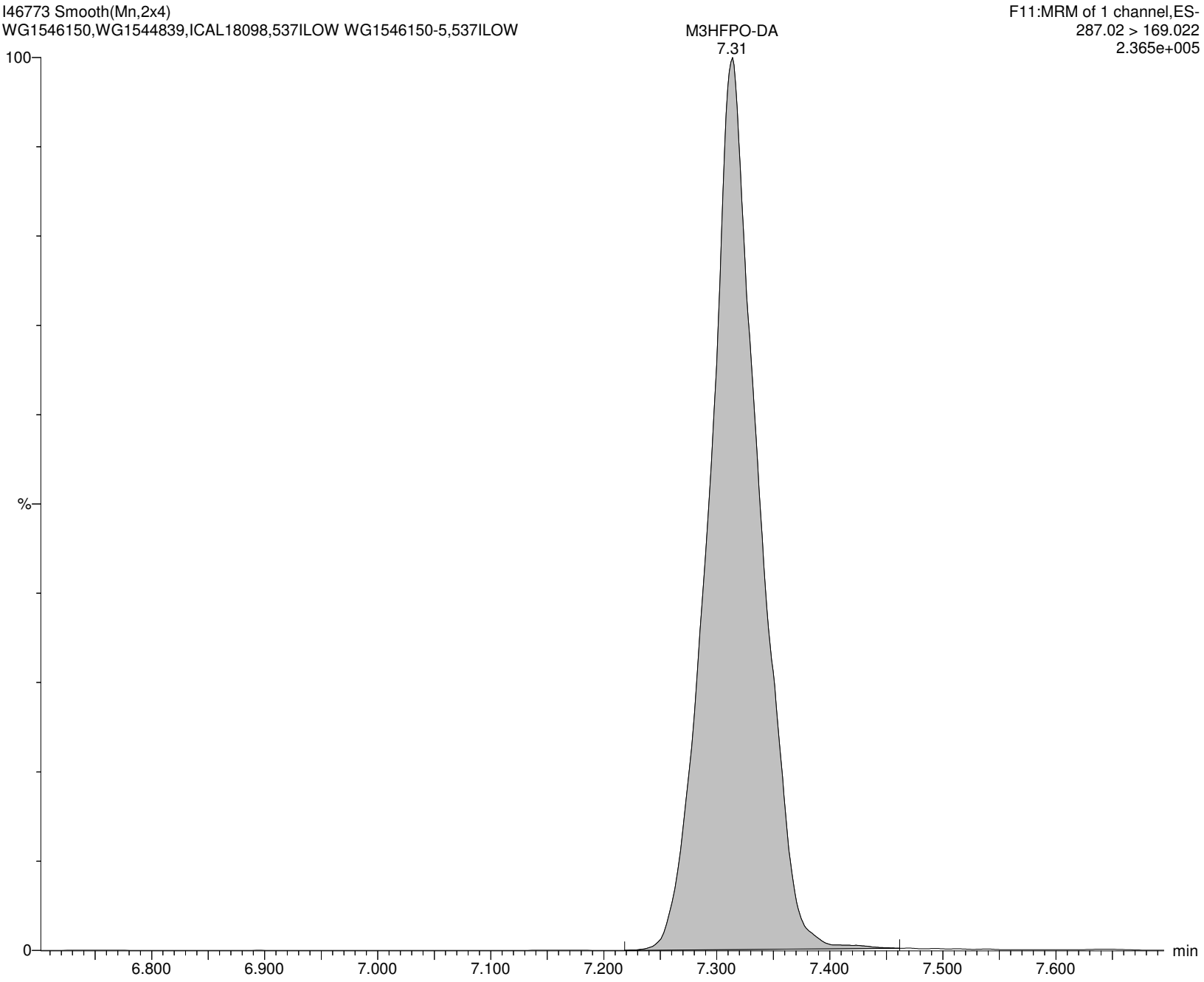


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3HFPO-DA

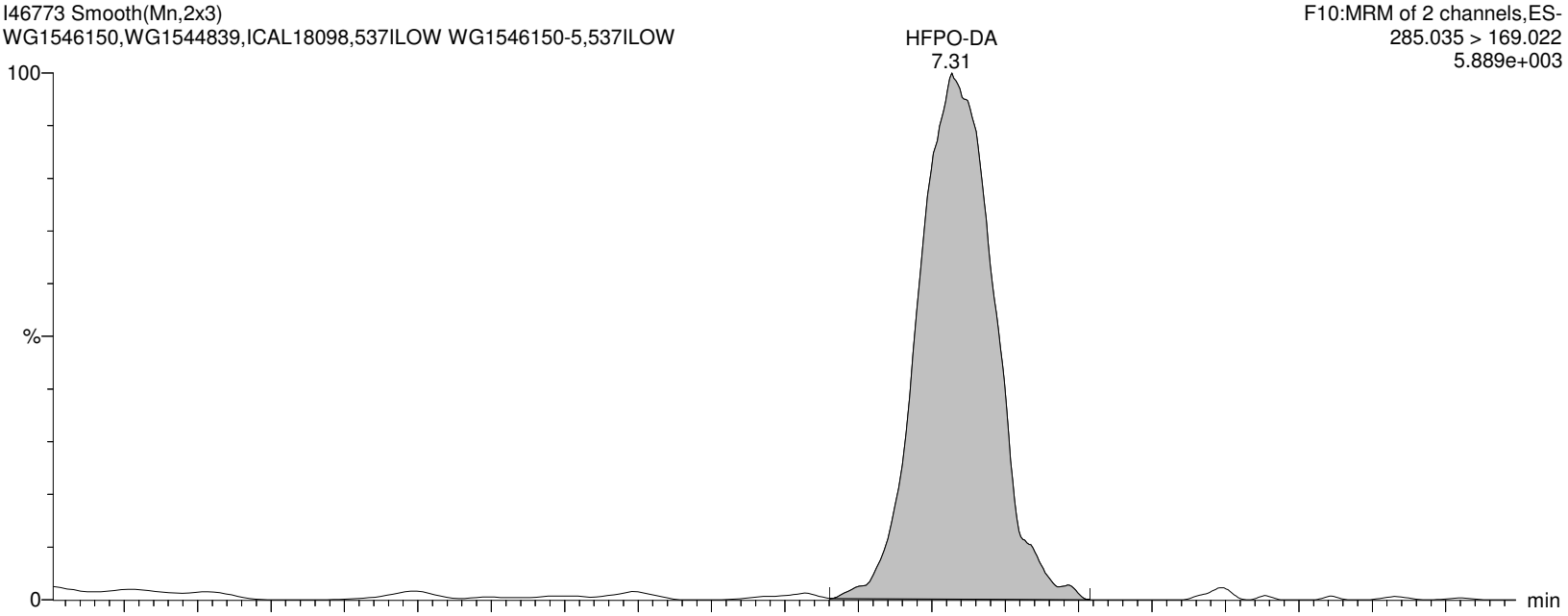


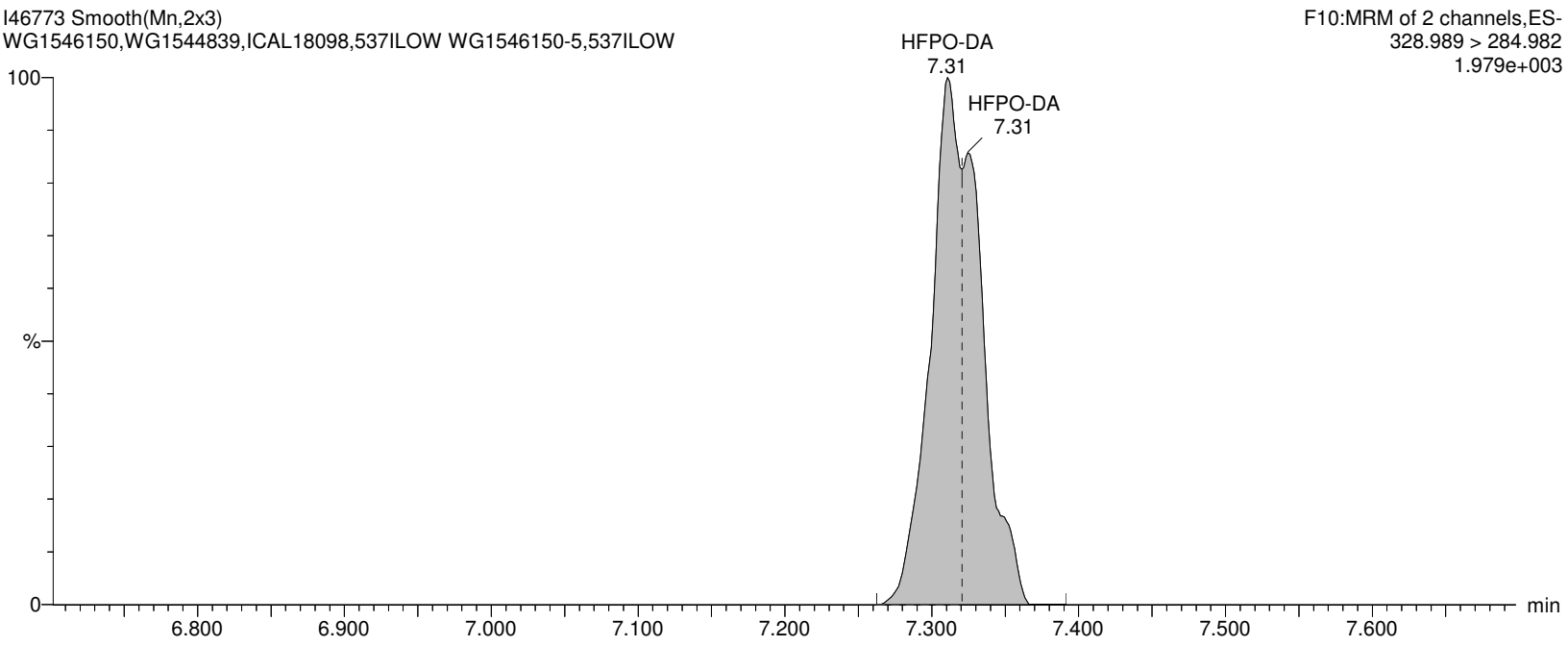
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

HFPO-DA



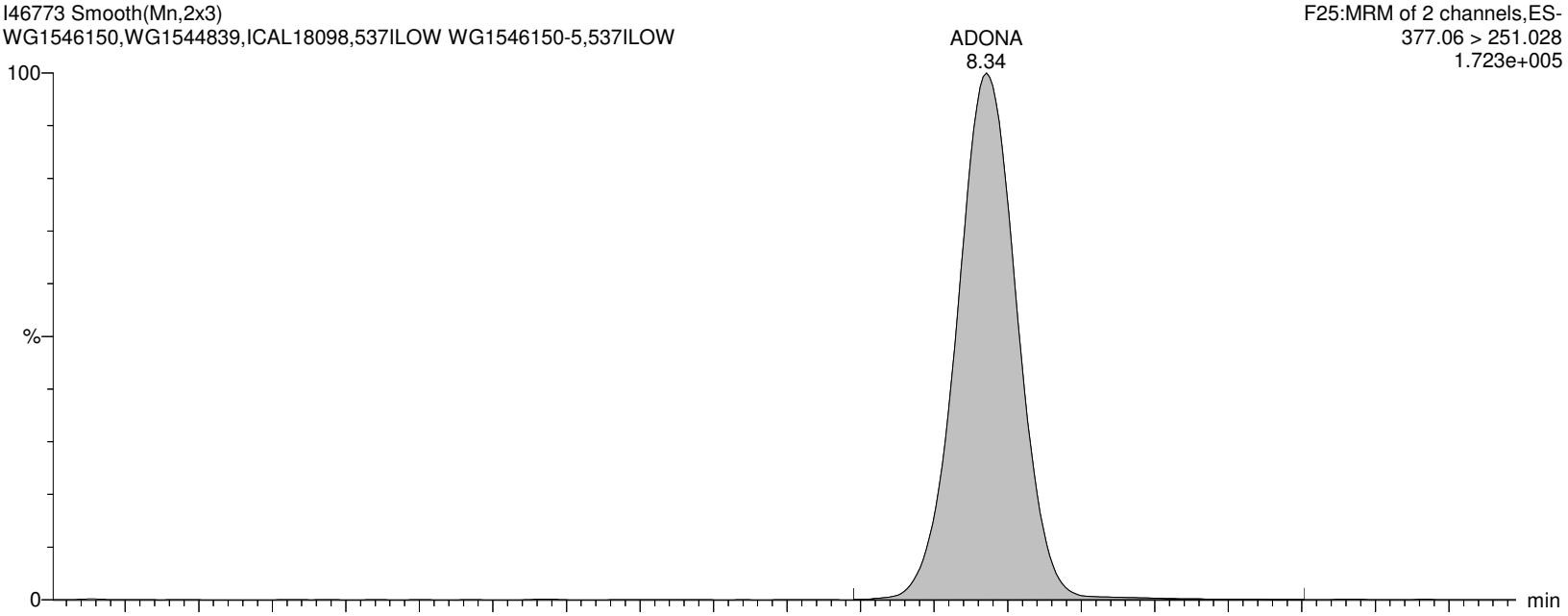


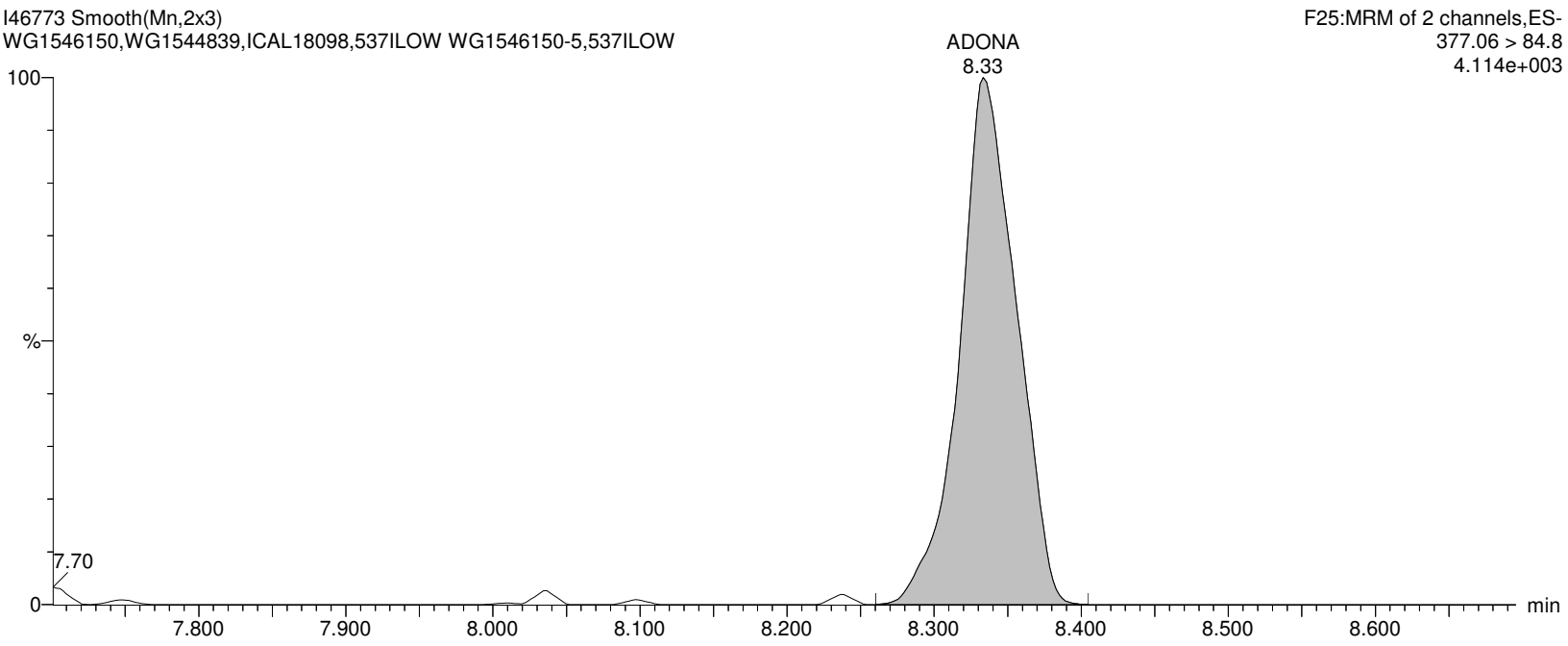
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

ADONA



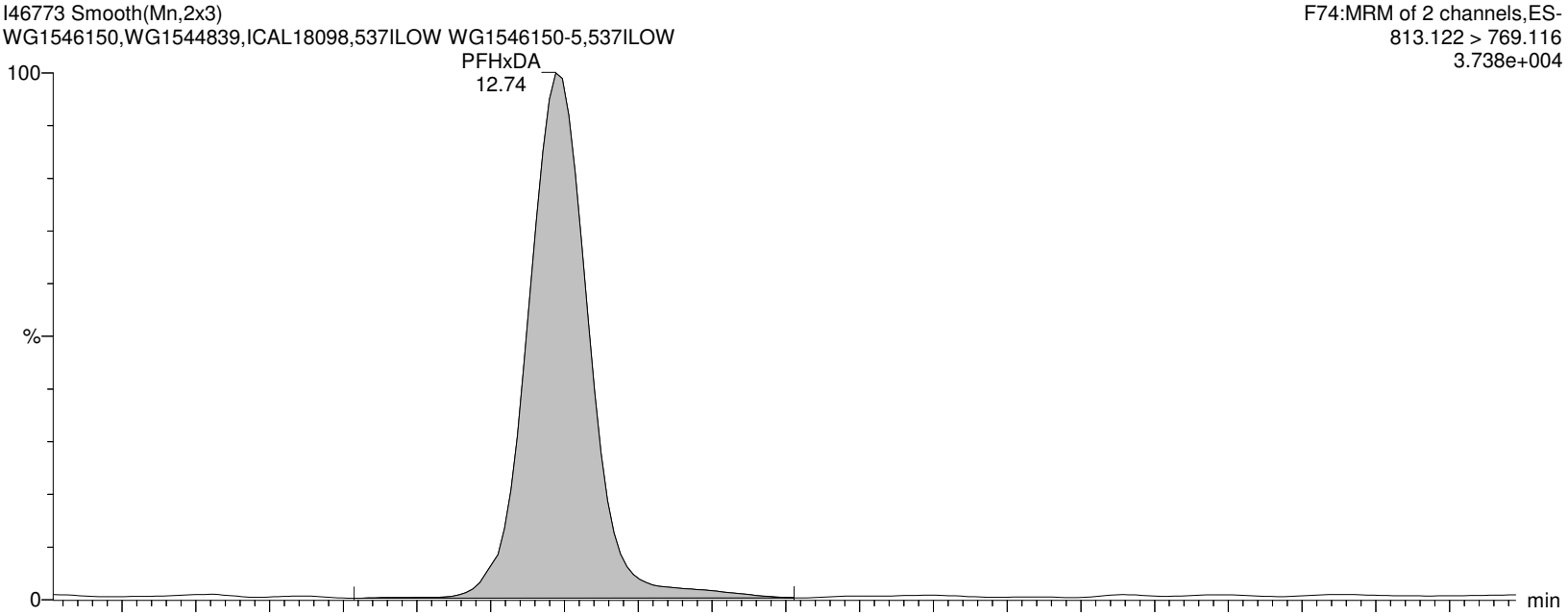


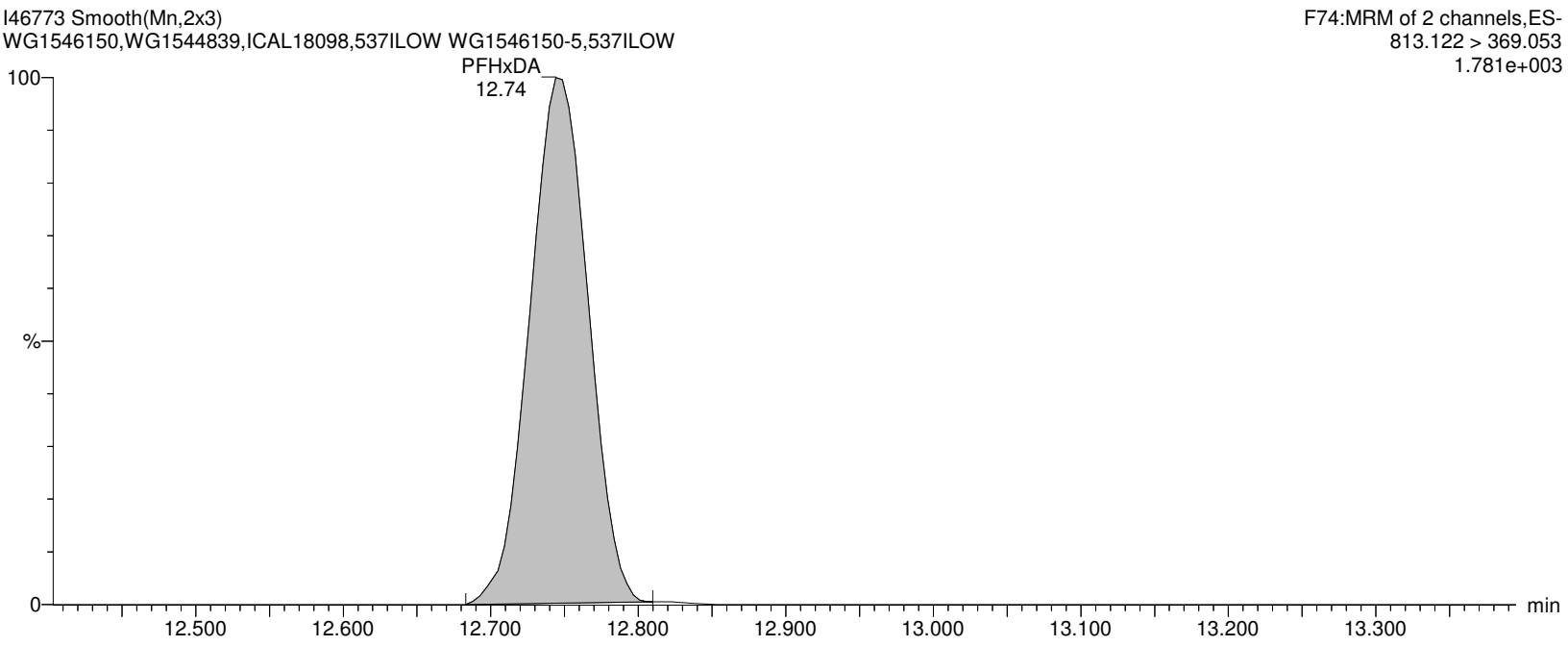
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxDA



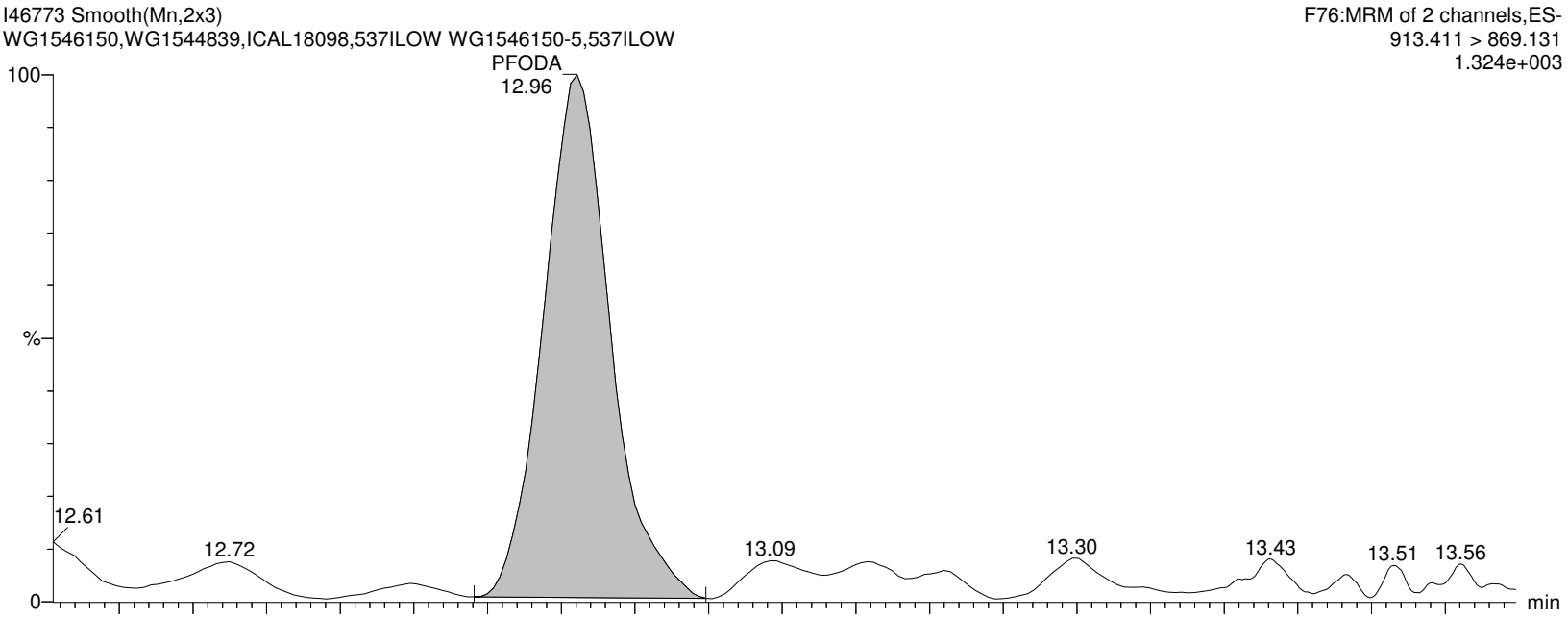


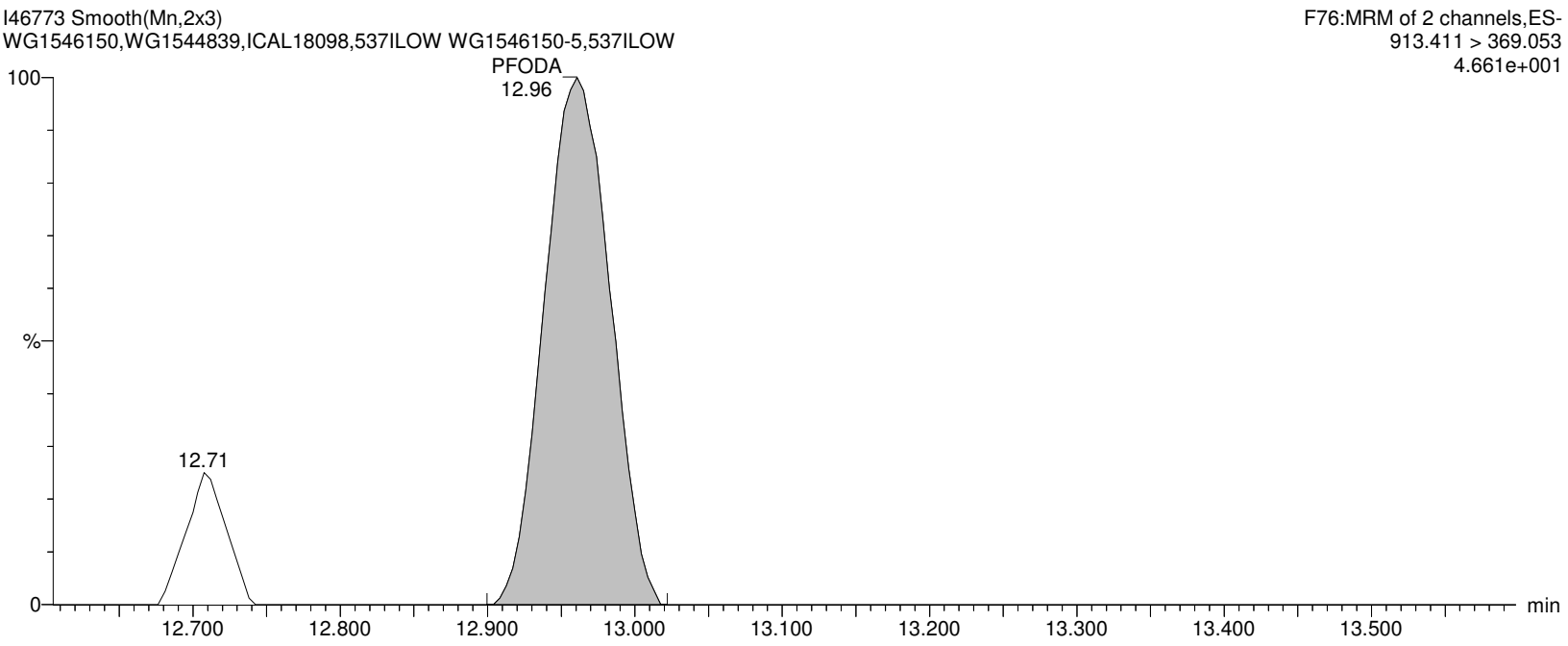
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFODA



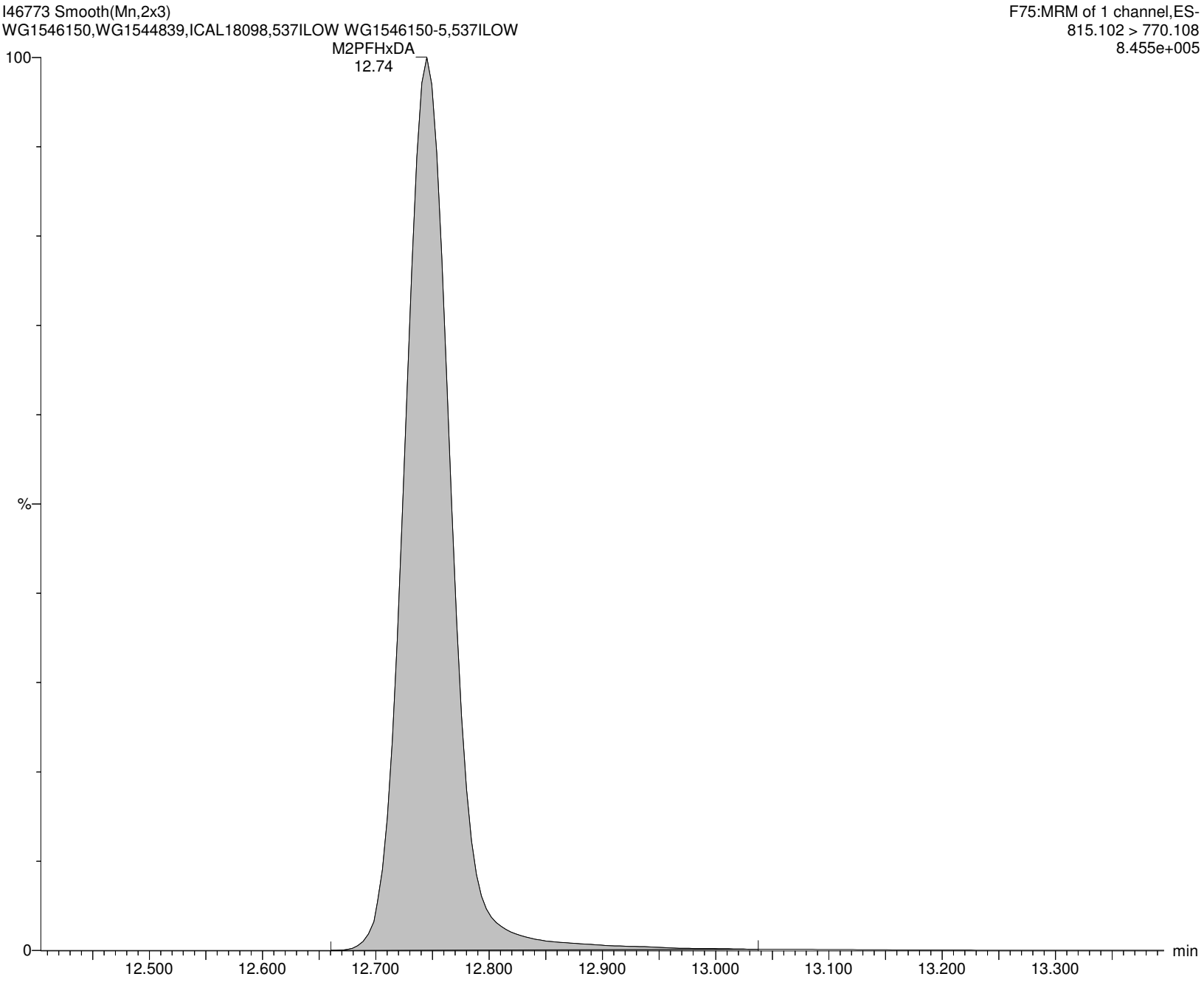


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 10:52:59 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 10:53:24 Eastern Daylight Time

Name: I46773
ID: WG1546150-5,537ILOW
Date: 15-Sep-2021
Time: 07:38:20
Description: WG1546150,WG1544839,ICAL18098,537ILOW
User: LCMS02:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFHxDA



all concentration units in (ng/mL)

Semivolatiles Raw QC Data

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 14:41:47 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 14:42:00 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210914_537ISO.PRO\MethDB\537ISO_Q_210625_TOP_RT2.mdb 03 Sep 2021 08:44:20
Calibration: C:\MassLynx\Data\2021\210914_537ISO.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

ID: WG1545566-1
Name: I46761
Date: 15-Sep-2021
Time: 04:19:31
Description: WG1546150,WG1545566,ICAL18098
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:SG
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4		213.032 > 169.022			ND		na	
2	M3PFBA	INT STD	2.10	216.009 > 171.999	46685		8.893		na	88.9
3	MPFBA	INT STD	2.10	217.001 > 171.999	53694		10.697		na	107.0
4	PFPeA	2706-90-3		263.039 > 219.03			ND		na	
5	M5PFPEA	INT STD	5.00	268.001 > 222.999	64807		11.765		na	117.7
6	PFBS	375-73-5		299.092 > 80.062			ND		YES	
7	M3PFBS	INT STD	5.65	302.069 > 80.062	11689		10.251		na	102.5
8	4:2FTS	757124-72-4		327.146 > 307.139			ND		YES	
9	M2-4:2FTS	INT STD	6.81	329.13 > 309.124	3976		8.701		na	87.0
10	PFHxA	307-24-4		313.047 > 269.037			ND		YES	
11	M5PFHxA	INT STD	6.89	318.009 > 273.007	58884		11.222		na	112.2
12	PFPeS	2706-91-4		349.1 > 80.062			ND		YES	
13	PFHpA	375-85-9		363.055 > 319.045			ND		YES	
14	M4PFHpA	INT STD	8.17	367.025 > 322.022	86278		11.029		na	110.3
15	br-PFHxS	355-46-4		399.107 > 80.062			ND		YES	
16	L-PFHxS	355-46-4		399.107 > 80.062			ND		YES	
17	PFHxS	355-46-4		399.107 > 80.062	0		ND		na	
18	M3PFHxS	INT STD	8.33	402.084 > 80.062	13746		10.630		na	106.3
19	br-PFOA	335-67-1		413.063 > 369.053			ND		YES	
20	L-PFOA	335-67-1		413.063 > 369.053			ND		YES	
21	PFOA	335-67-1		413.063 > 369.053	0		ND		na	
22	M8PFOA	INT STD	9.11	421.002 > 376.	90431		10.380		na	103.8
23	M2PFOA	INT STD	9.11	415.048 > 370.045	85813		8.102		na	81.0
24	6:2FTS	27619-97-2		427.161 > 407.155			ND		YES	
25	M2-6:2FTS	INT STD	9.06	429.146 > 409.14	4947		10.545		na	105.5
26	PFHpS	375-92-8		449.115 > 80.062			ND		YES	
27	PFNA	375-95-1		463.071 > 419.061			ND		YES	
28	M9PFNA	INT STD	9.86	472.002 > 427.	26312		10.514		na	105.1
29	br-PFOS	1763-23-1		499.123 > 80.062			ND		YES	
30	L-PFOS	1763-23-1		499.123 > 80.062			ND		YES	
31	PFOS	1763-23-1		499.123 > 80.062	0		ND		na	
32	M4PFOS	INT STD	9.91	503.093 > 80.062	10335		9.131		na	91.3
33	M8PFOS	INT STD	9.92	507.062 > 80.062	12459		10.758		na	107.6
34	PFDA	335-76-2		513.078 > 469.069			ND		YES	
35	M2PFDA	INT STD	10.49	515.053 > 469.934	53094		8.704		na	87.0
36	M6PFDA	INT STD	10.49	519.033 > 474.03	62950		10.446		na	104.5
37	8:2FTS	39108-34-4		527.177 > 507.171			ND		YES	
38	M2-8:2FTS	INT STD	10.49	529.162 > 509.155	3550		10.294		na	102.9
39	PFNS	68259-12-1		549.131 > 80.062			ND		YES	

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 14:41:47 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 14:42:00 Eastern Daylight Time

ID: WG1545566-1
Name: I46761
Date: 15-Sep-2021
Time: 04:19:31
Description: WG1546150,WG1545566,ICAL18098
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:SG
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.90	573.22 > 419.061	4947		8.709		na	87.1
41	br-NMeFOSAA			570.202 > 419.061			ND		YES	
42	L-NMeFOSAA			570.202 > 419.061			ND		YES	
43	NMeFOSAA	2355-31-9		570.202 > 419.061	0		ND		na	
44	PFUnA	2058-94-8		563.086 > 519.076			ND		YES	
45	M7-PFUDA	INT STD	11.05	570.033 > 525.031	57239		10.185		na	101.8
46	PFDS	335-77-3		599.139 > 80.062			ND		YES	
47	FOSA	754-91-6		498.146 > 78.07			ND		YES	
48	M8FOSA	INT STD	10.98	506.077 > 78.07	20845		6.389		na	63.9
49	br-NEtFOSAA			584.229 > 419.061			ND		YES	
50	L-NEtFOSAA			584.229 > 419.061			ND		YES	
51	NEtFOSAA	2991-50-6		584.229 > 419.061	0		ND		na	
52	d5-NEtFOSAA	INT STD	11.19	589.259 > 419.061	3963		8.443		na	84.4
53	PFDoA	307-55-1		613.094 > 569.084			ND		YES	
54	MPFDOA	INT STD	11.53	615.079 > 570.077	53446		9.857		na	98.6
55	PFTrDA	72629-94-8		663.102 > 619.092			ND		YES	
56	PFTA	376-06-7		713.11 > 669.1			ND		YES	
57	M2PFTEDA	INT STD	12.30	715.094 > 670.092	13762		8.092		na	80.9

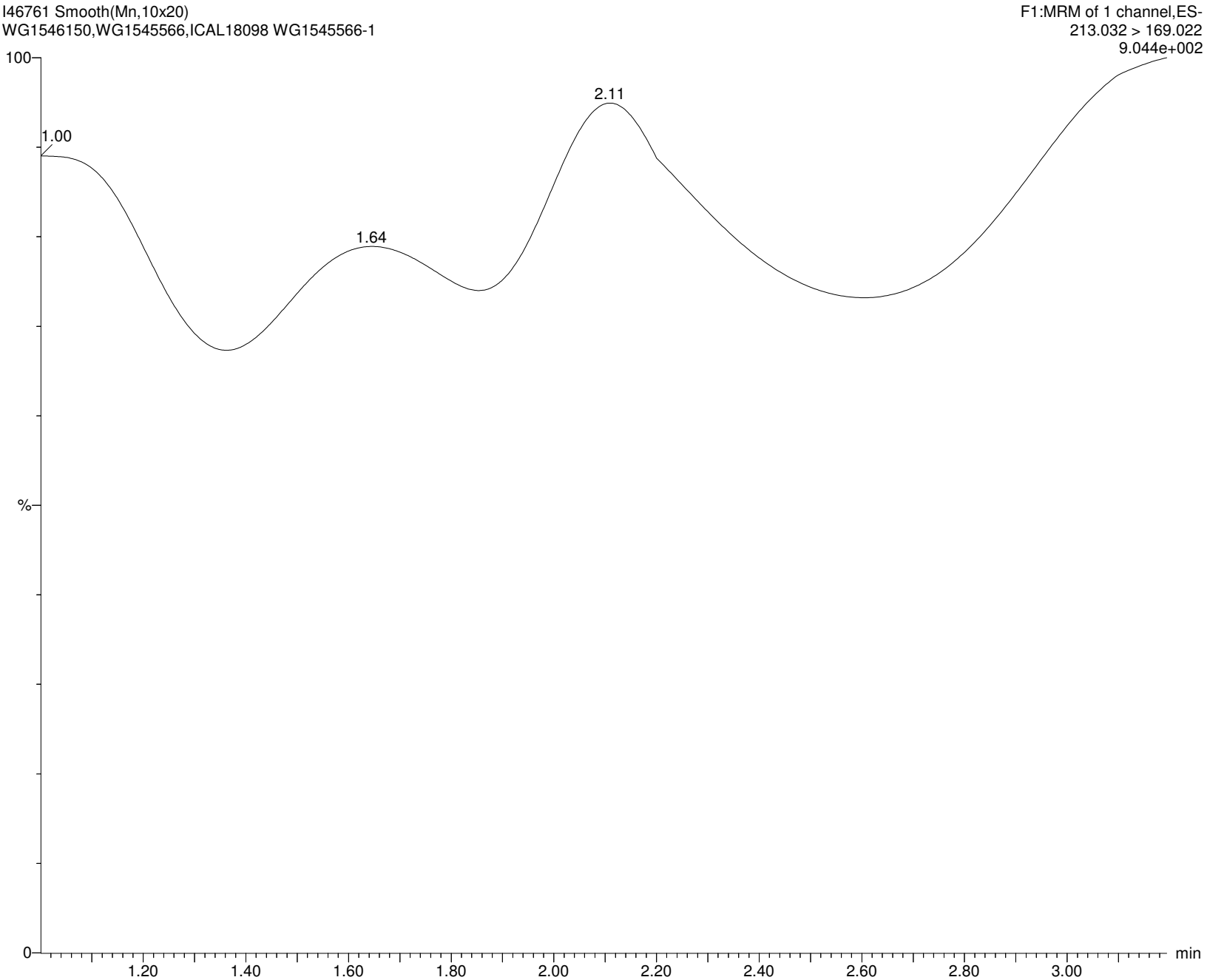
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 14:41:47 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 14:42:00 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210914_537ISO.PRO\MethDB\537ISO_Q_210625_TOP_RT2.mdb 03 Sep 2021 08:44:20
Calibration: C:\MassLynx\Data\2021\210914_537ISO.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

Name: I46761
ID: WG1545566-1
Date: 15-Sep-2021
Time: 04:19:31
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBA

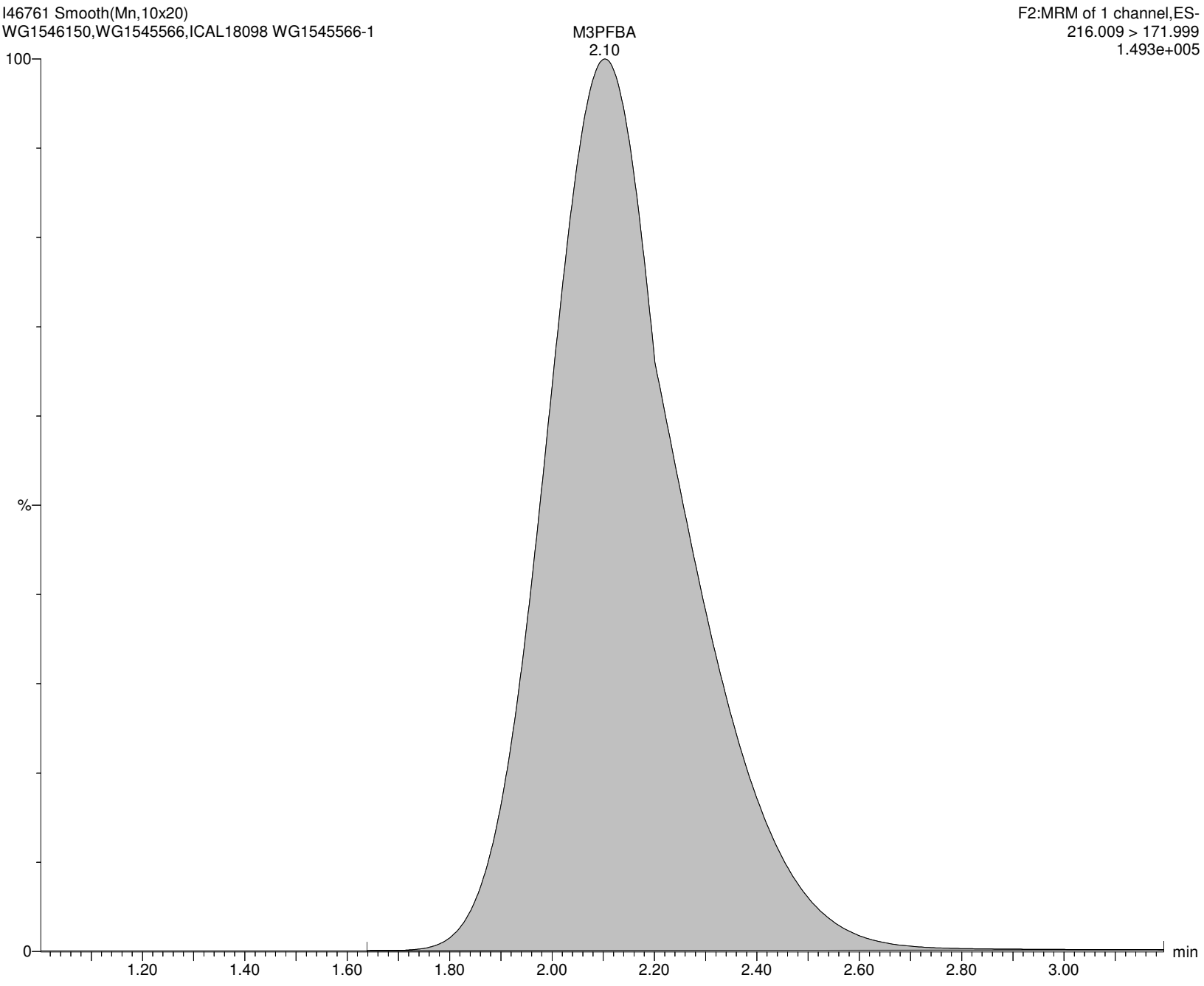


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 14:41:47 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 14:42:00 Eastern Daylight Time

Name: I46761
ID: WG1545566-1
Date: 15-Sep-2021
Time: 04:19:31
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBA

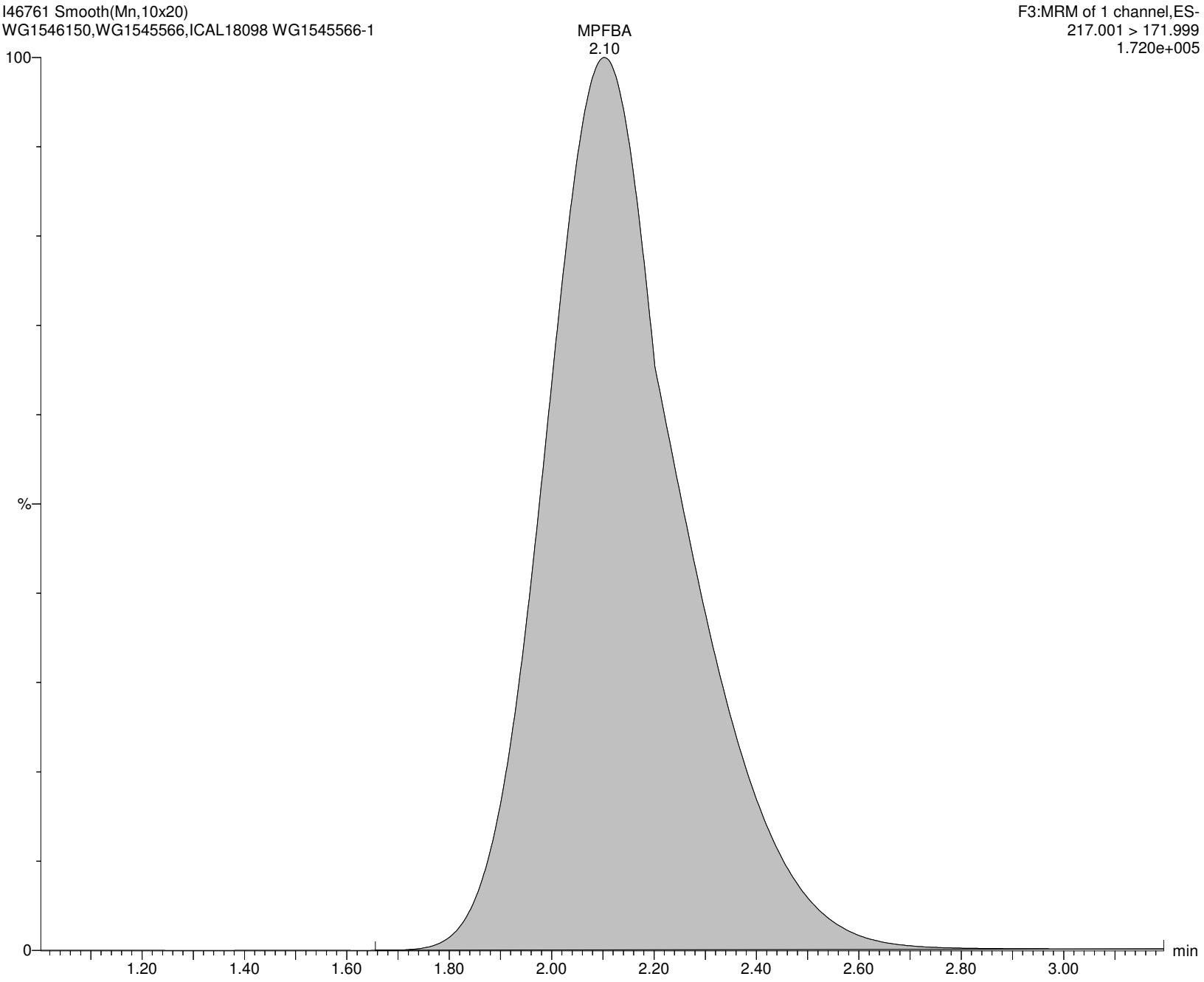


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 14:41:47 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 14:42:00 Eastern Daylight Time

Name: I46761
ID: WG1545566-1
Date: 15-Sep-2021
Time: 04:19:31
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFBA

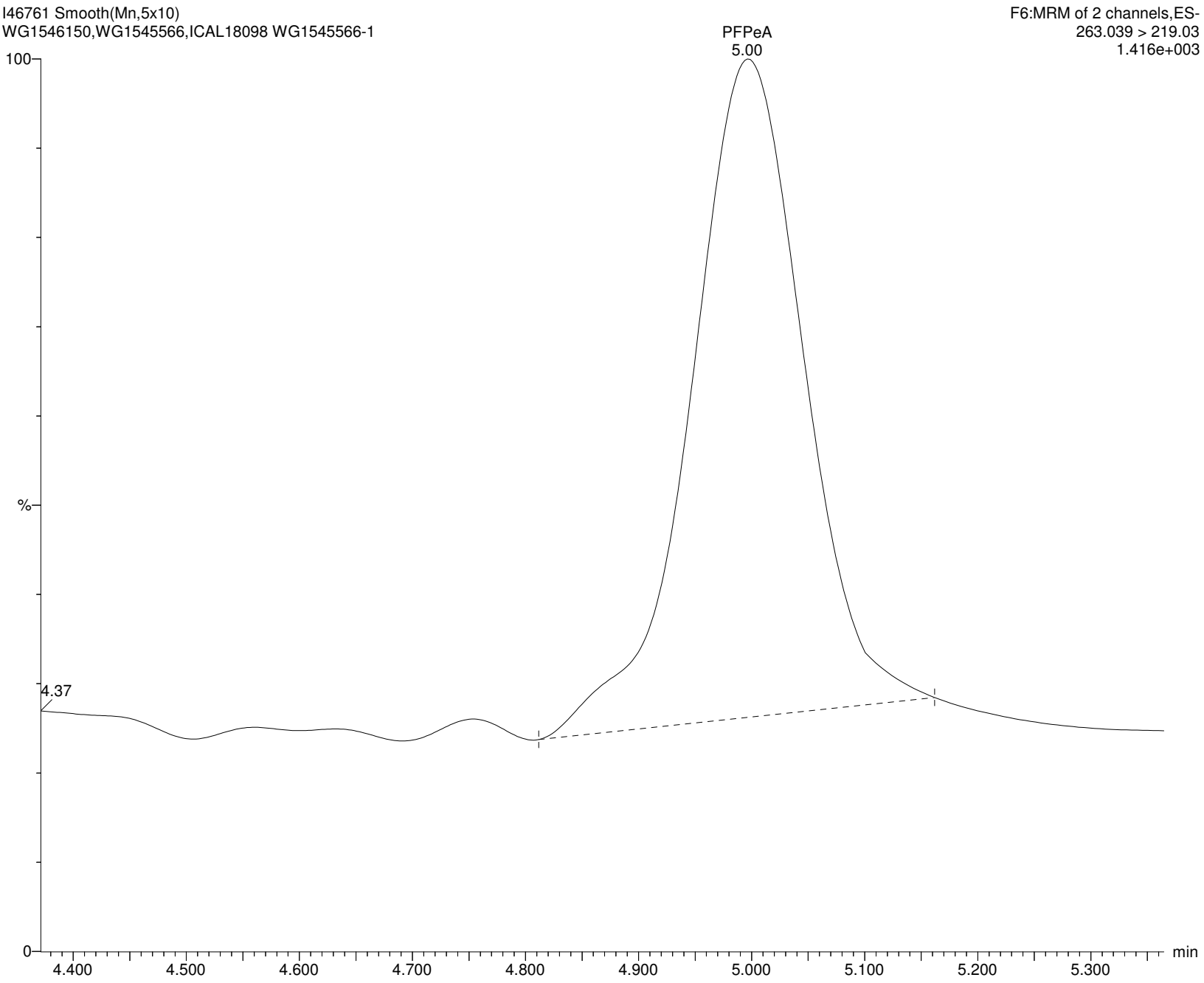


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 14:41:47 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 14:42:00 Eastern Daylight Time

Name: I46761
ID: WG1545566-1
Date: 15-Sep-2021
Time: 04:19:31
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeA

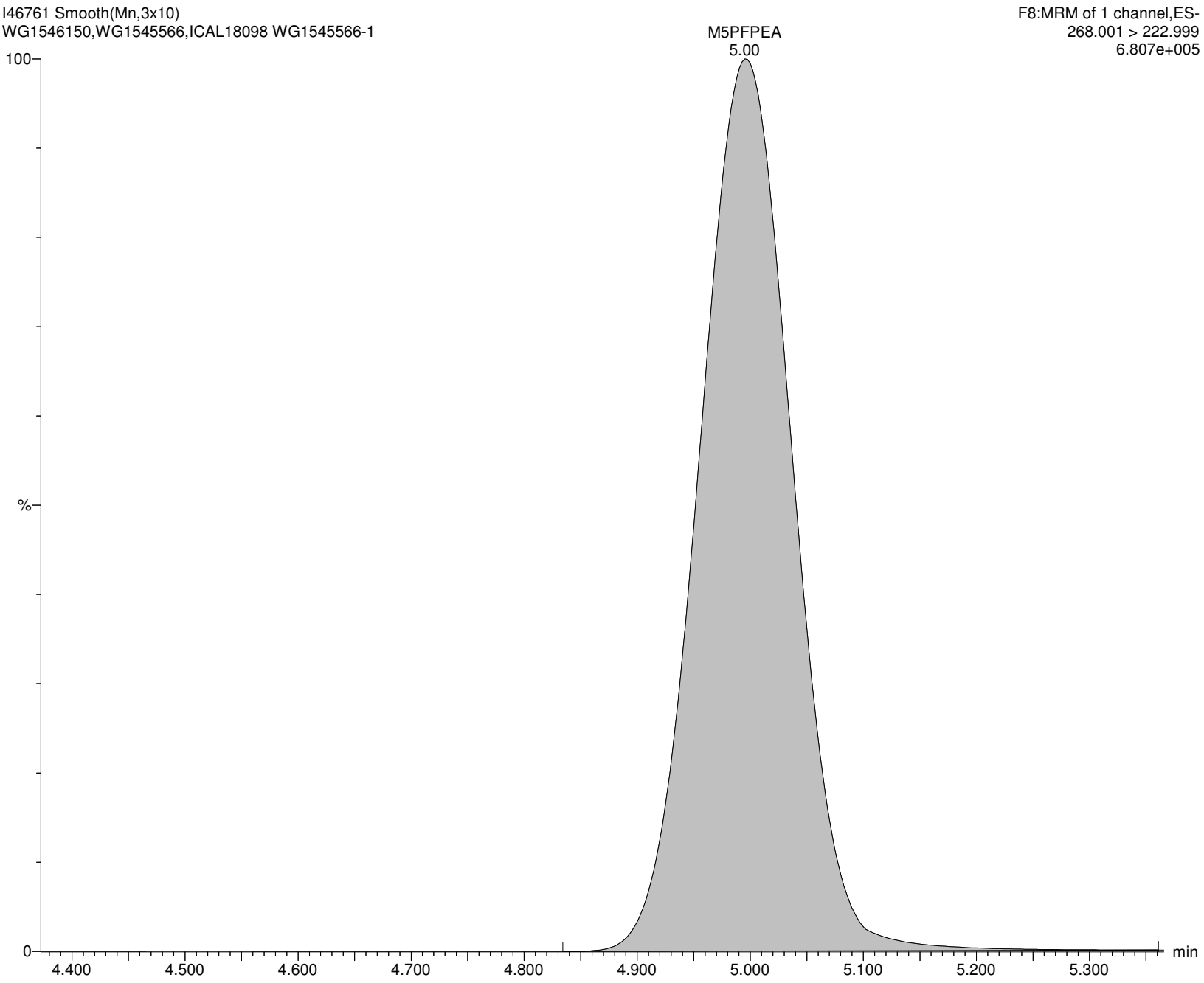


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 14:41:47 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 14:42:00 Eastern Daylight Time

Name: I46761
ID: WG1545566-1
Date: 15-Sep-2021
Time: 04:19:31
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFPEA

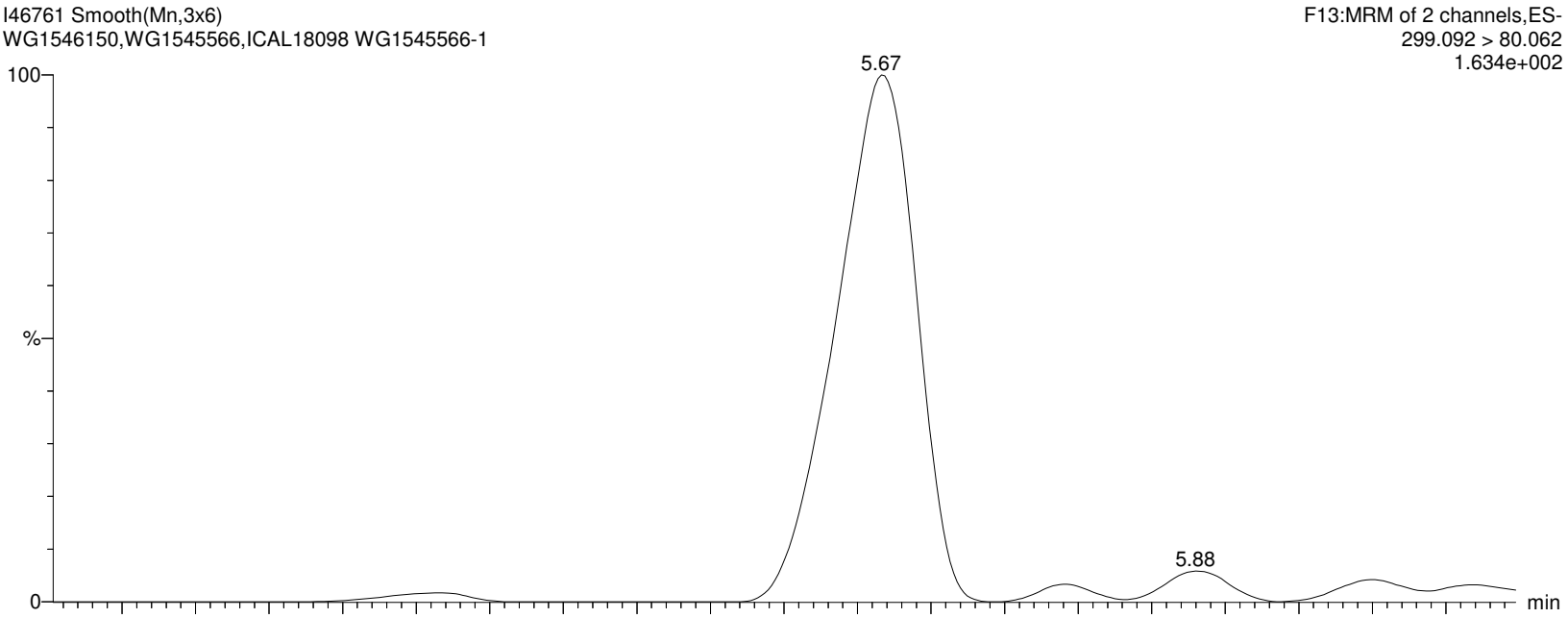


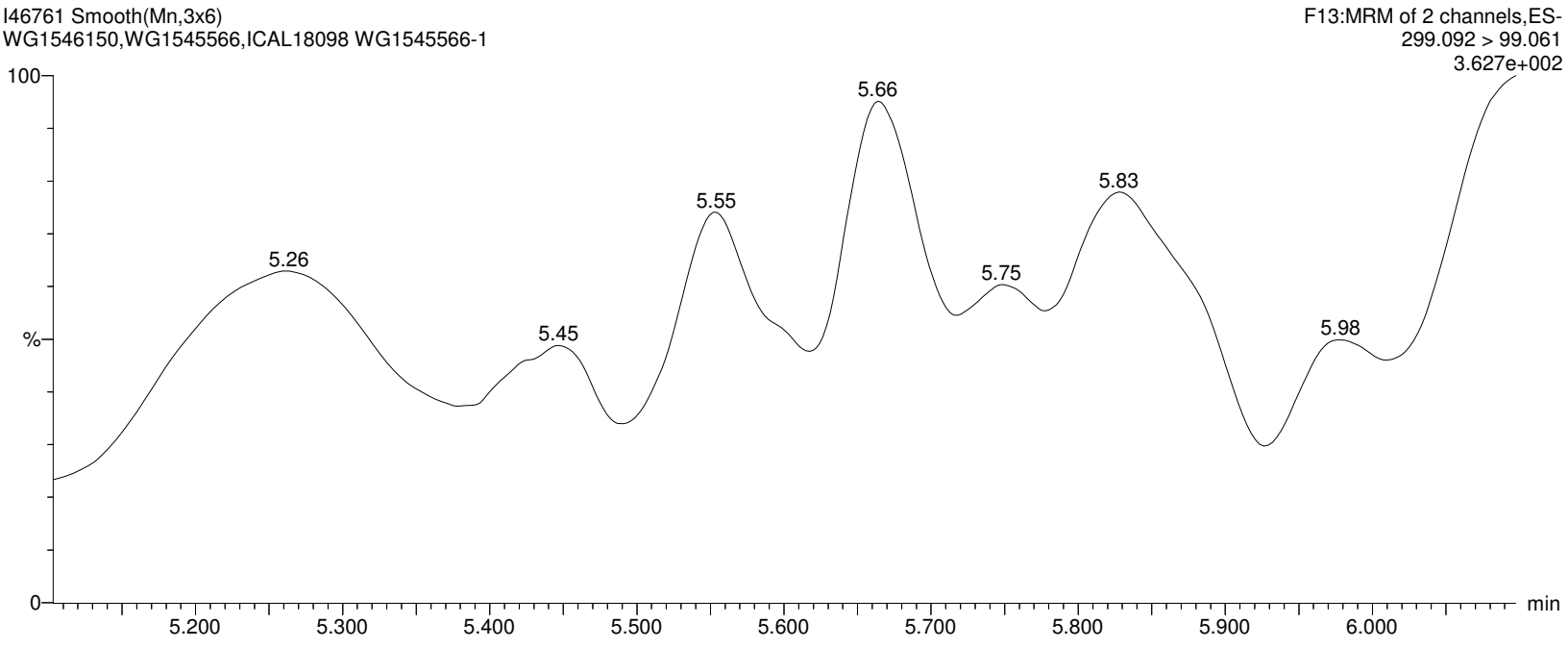
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 14:41:47 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 14:42:00 Eastern Daylight Time

Name: I46761
ID: WG1545566-1
Date: 15-Sep-2021
Time: 04:19:31
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBS



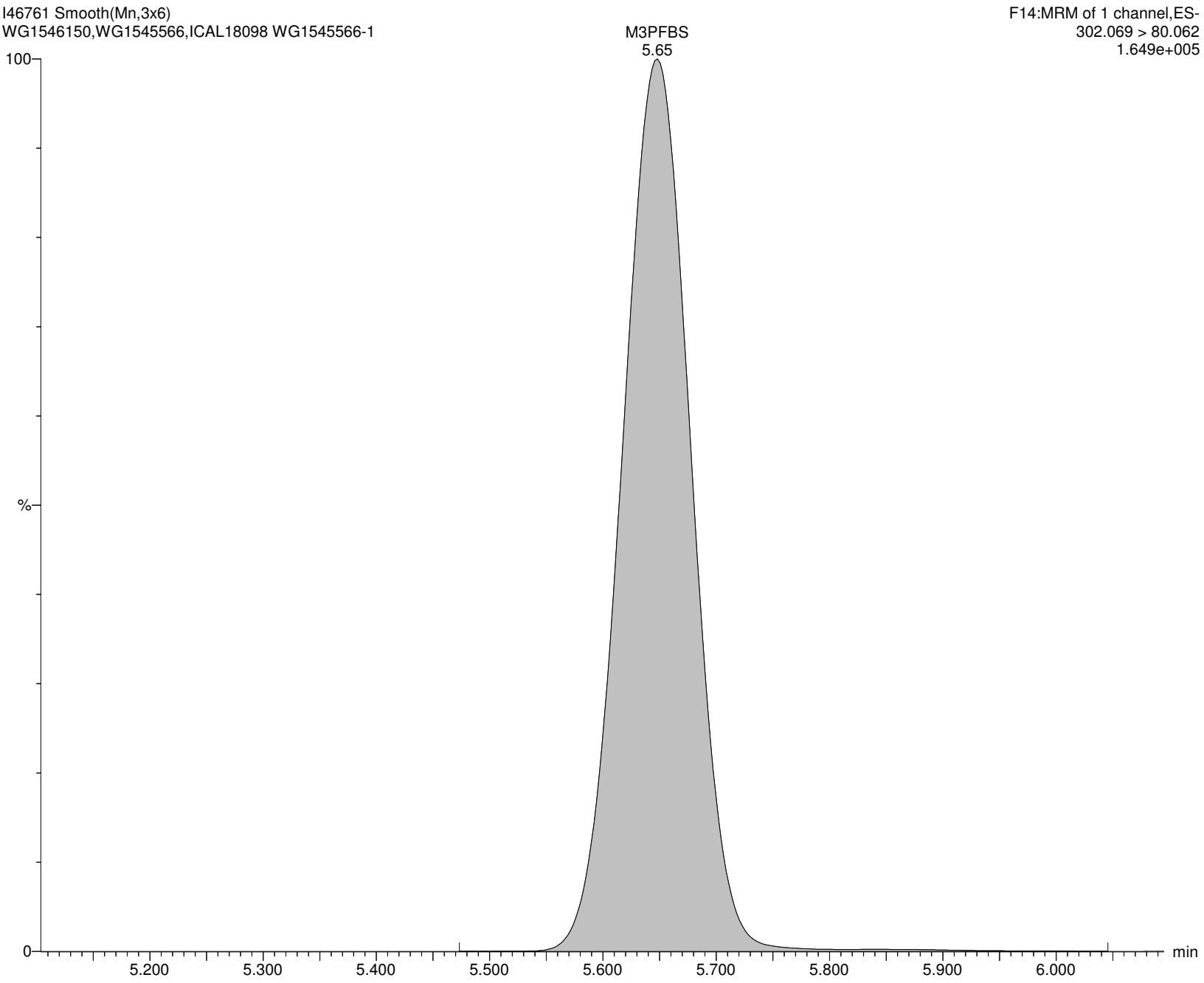


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 14:41:47 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 14:42:00 Eastern Daylight Time

Name: I46761
ID: WG1545566-1
Date: 15-Sep-2021
Time: 04:19:31
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBS

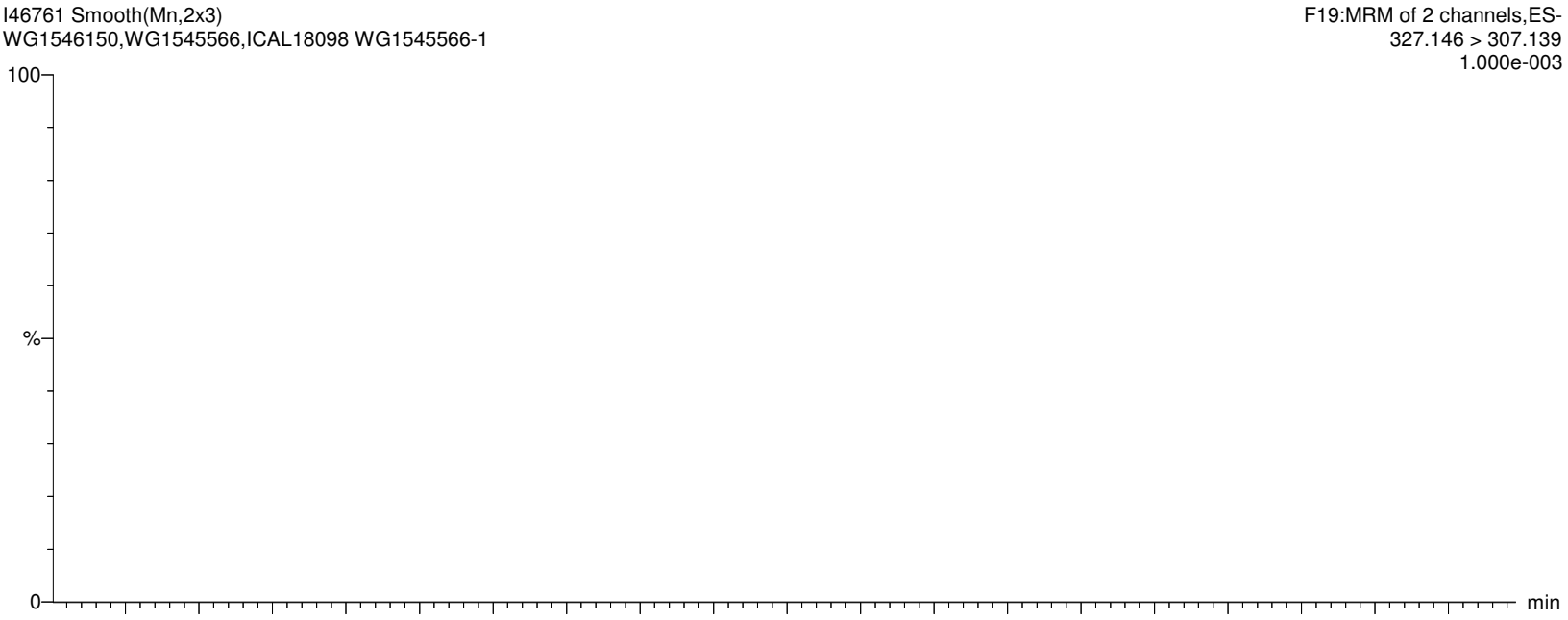


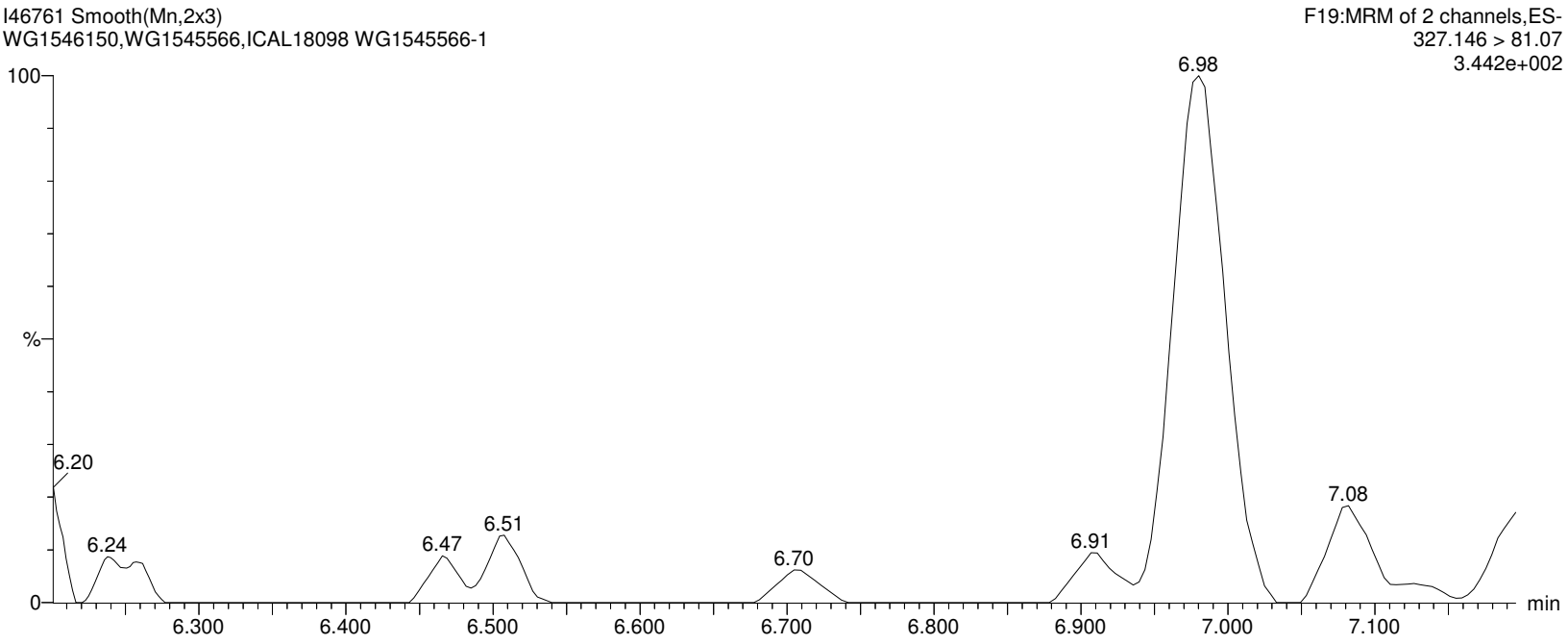
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 14:41:47 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 14:42:00 Eastern Daylight Time

Name: I46761
ID: WG1545566-1
Date: 15-Sep-2021
Time: 04:19:31
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

4:2FTS



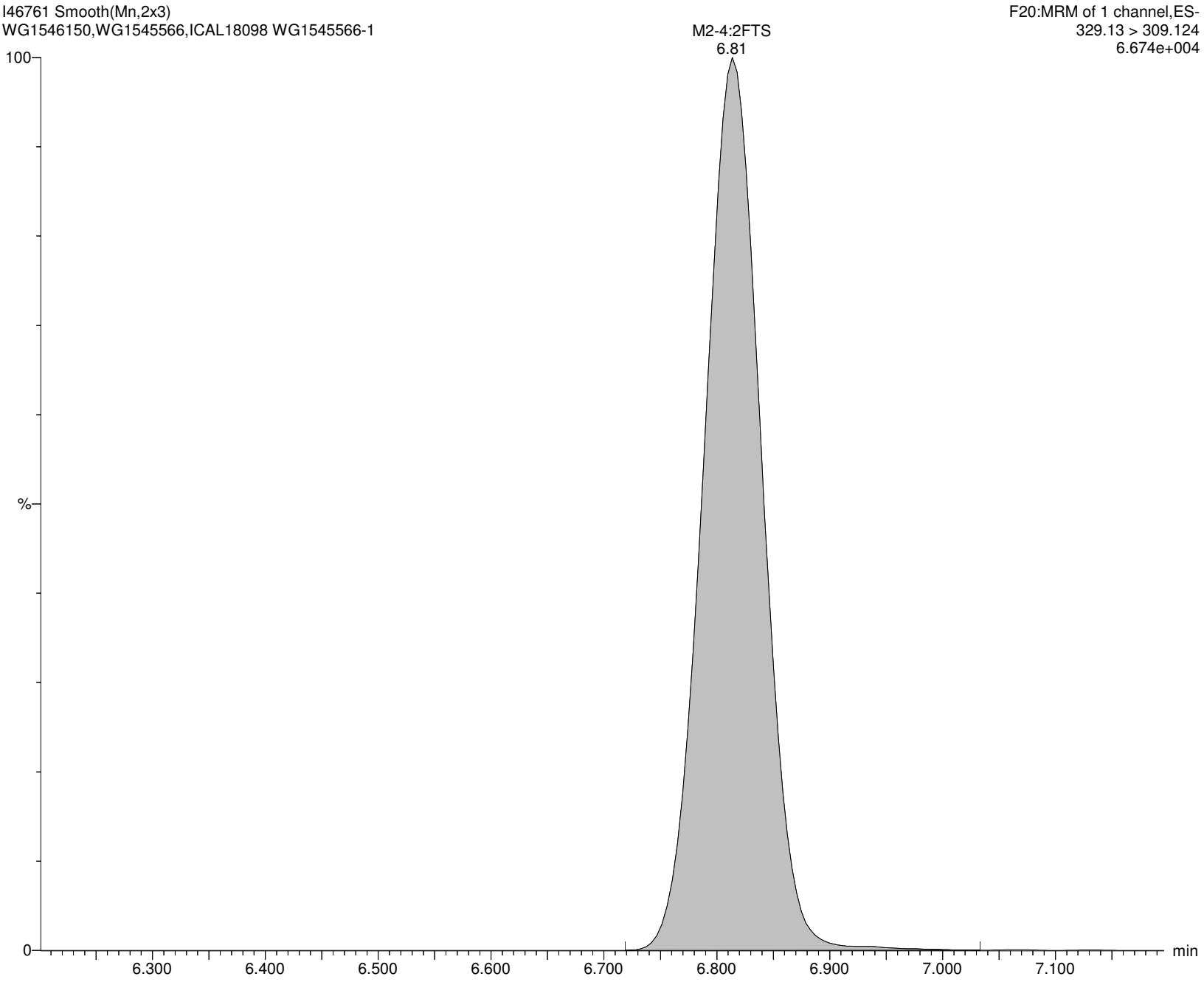


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 14:41:47 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 14:42:00 Eastern Daylight Time

Name: I46761
ID: WG1545566-1
Date: 15-Sep-2021
Time: 04:19:31
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-4:2FTS

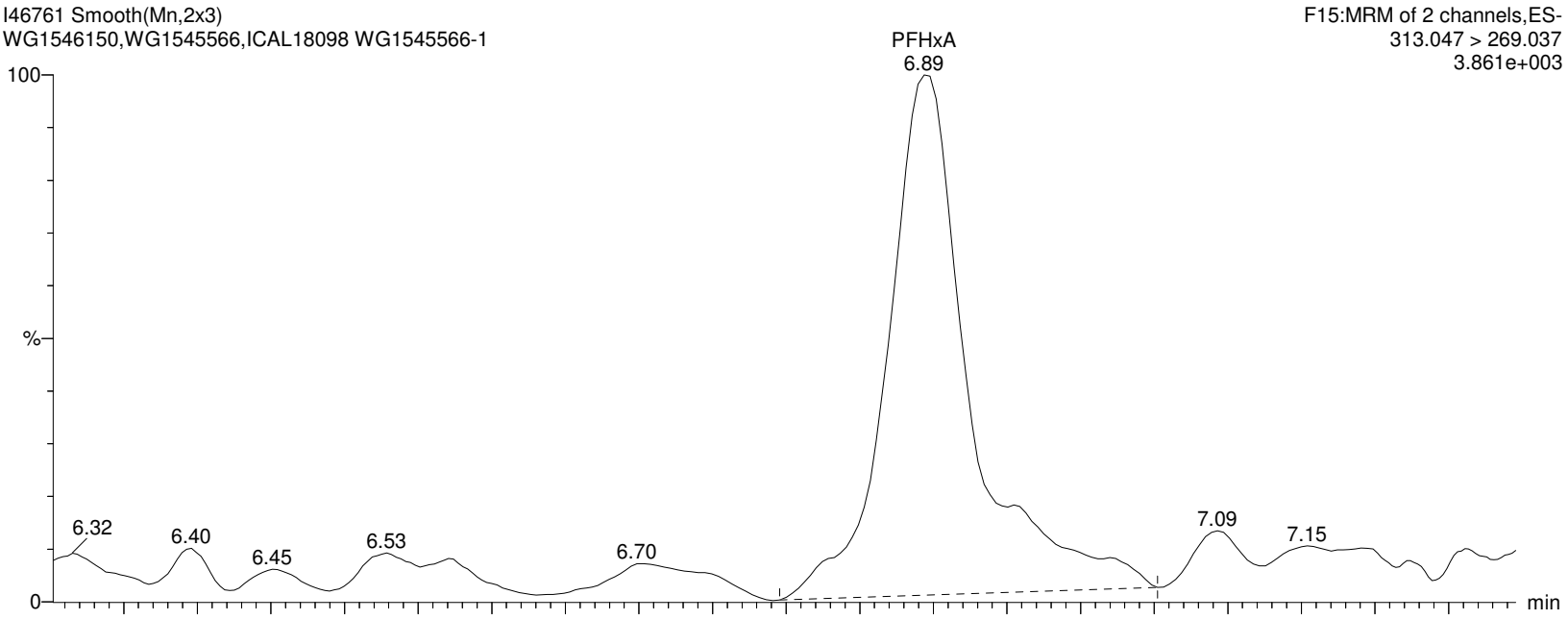


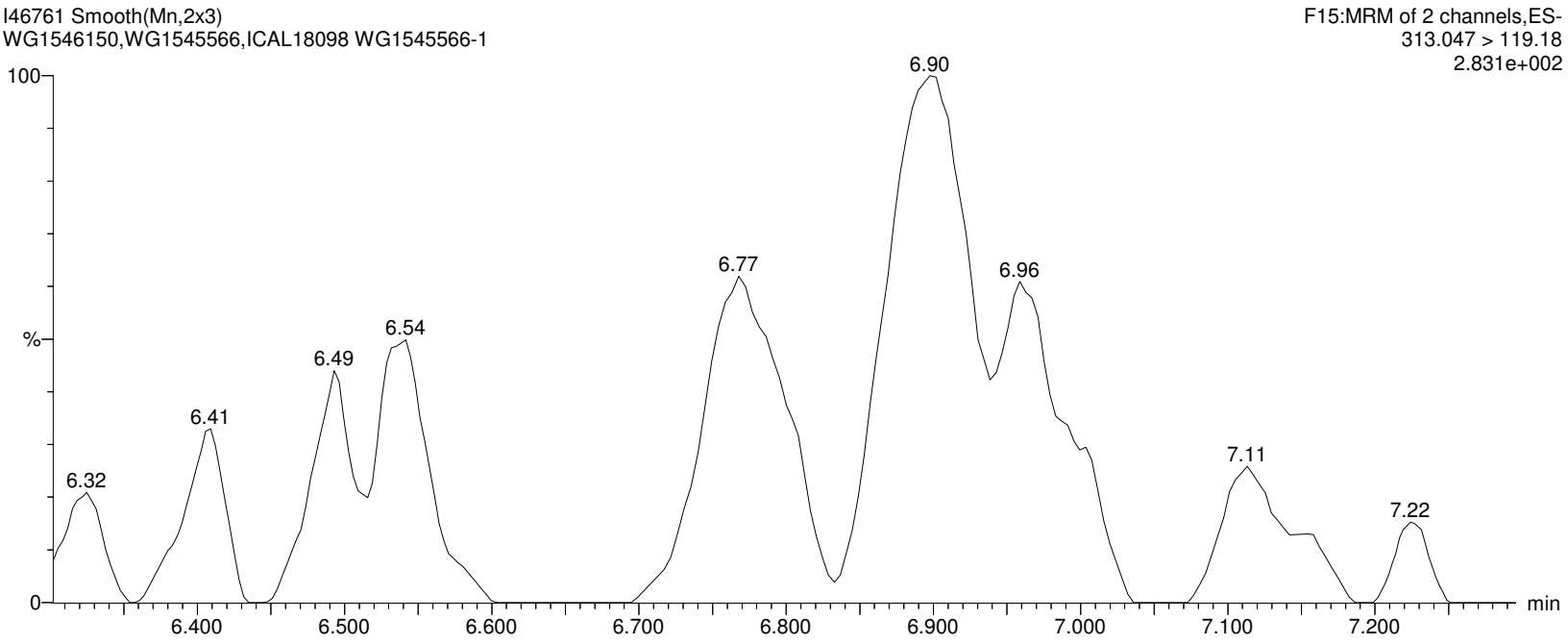
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 14:41:47 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 14:42:00 Eastern Daylight Time

Name: I46761
ID: WG1545566-1
Date: 15-Sep-2021
Time: 04:19:31
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxA



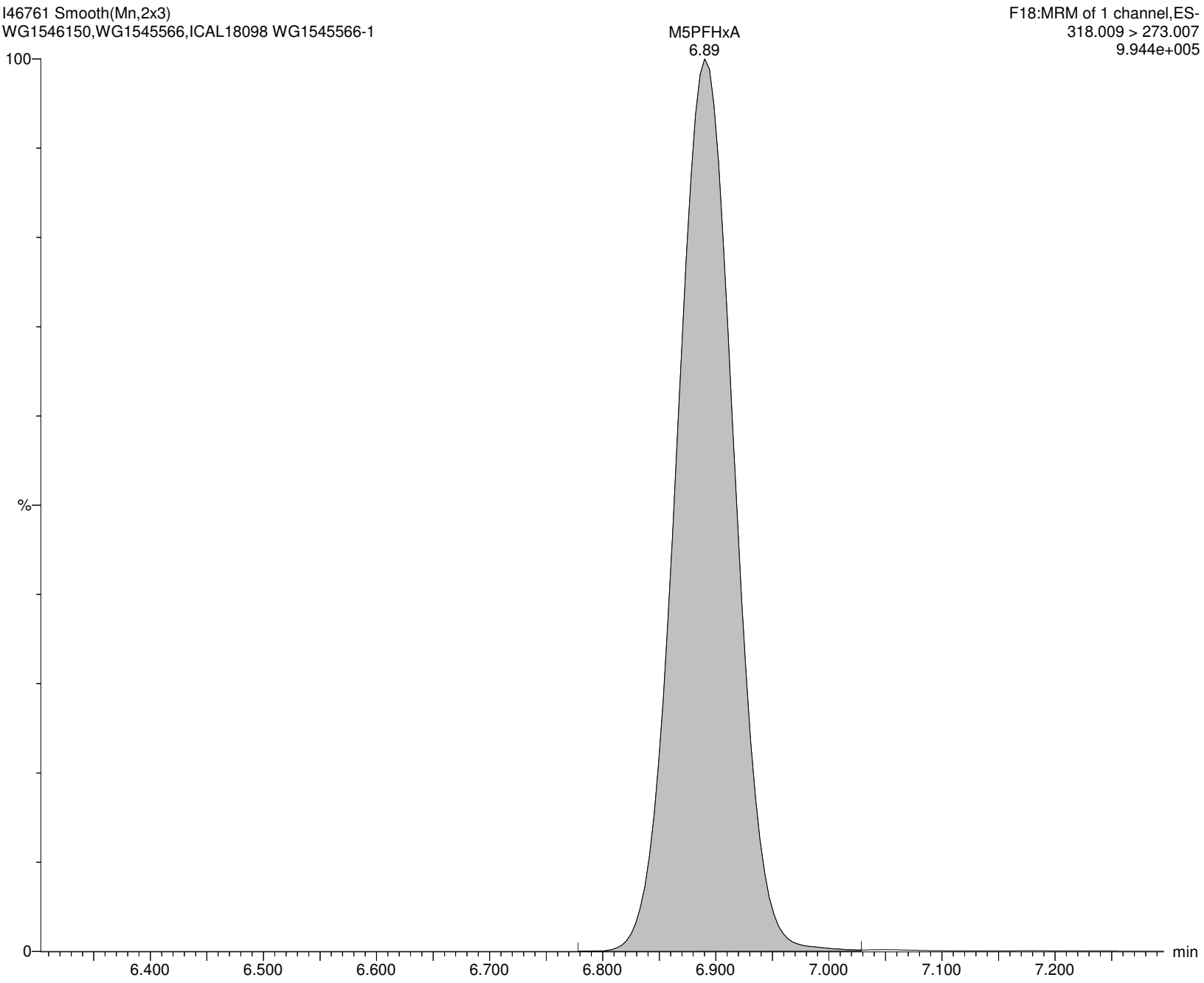


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 14:41:47 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 14:42:00 Eastern Daylight Time

Name: I46761
ID: WG1545566-1
Date: 15-Sep-2021
Time: 04:19:31
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFHxA

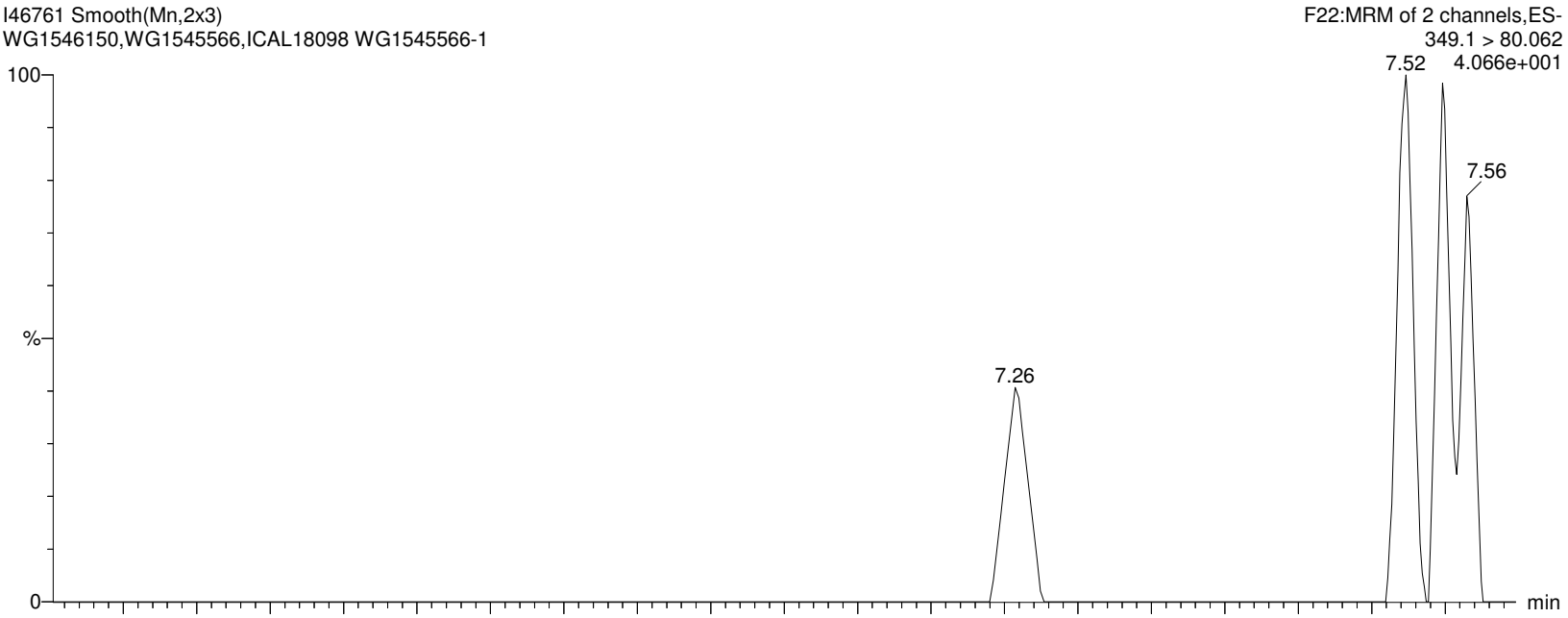


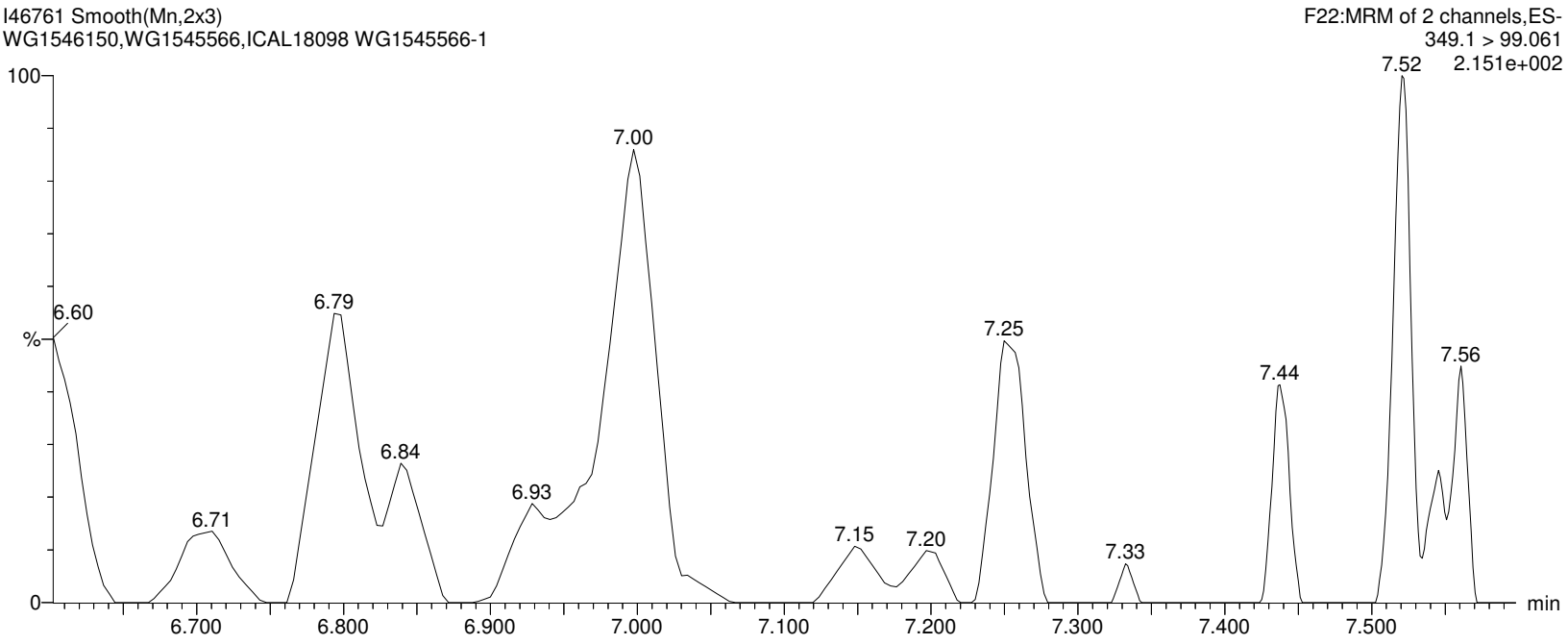
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 14:41:47 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 14:42:00 Eastern Daylight Time

Name: I46761
ID: WG1545566-1
Date: 15-Sep-2021
Time: 04:19:31
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeS



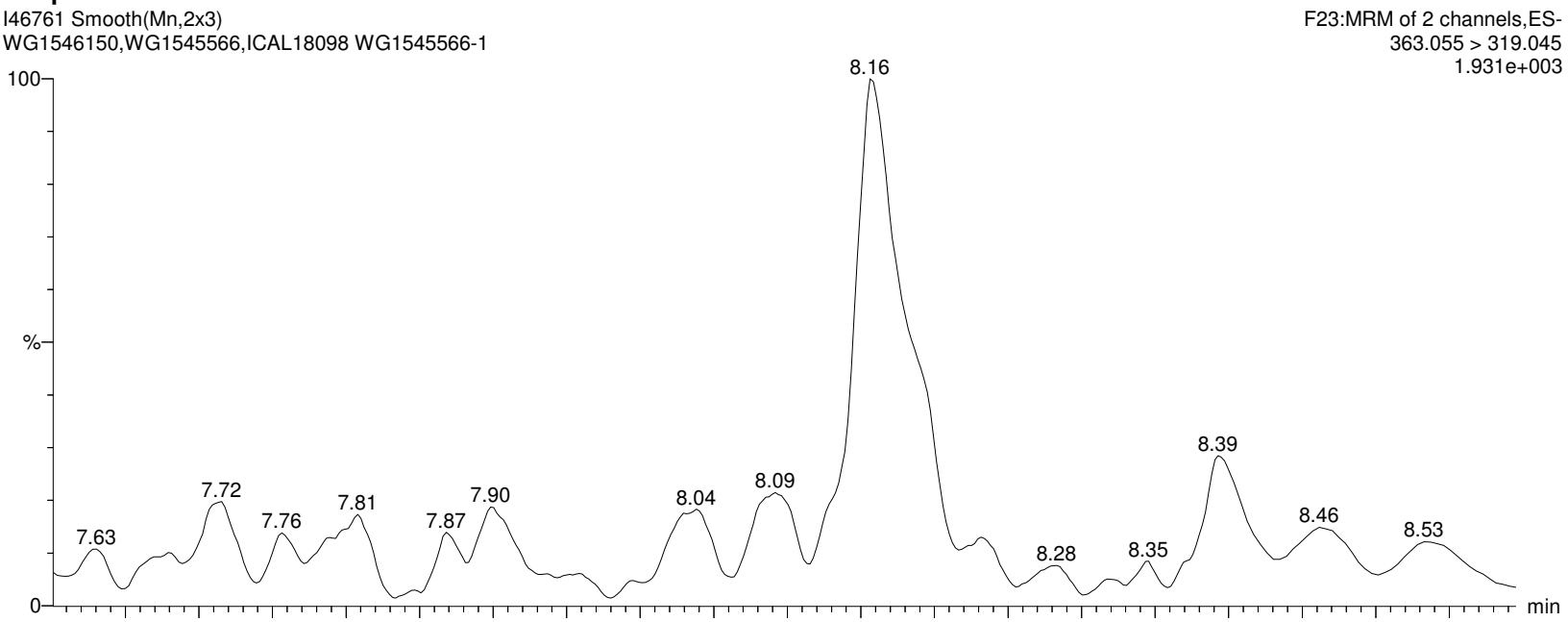


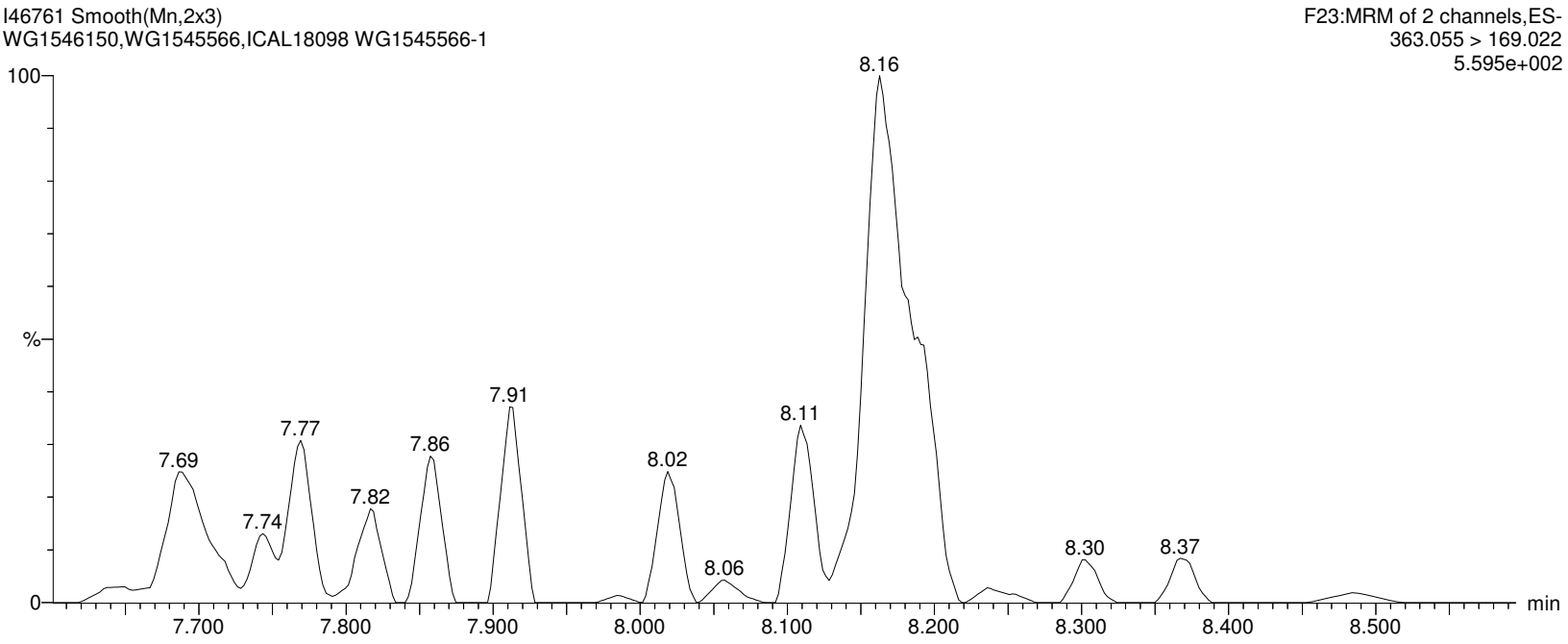
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 14:41:47 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 14:42:00 Eastern Daylight Time

Name: I46761
ID: WG1545566-1
Date: 15-Sep-2021
Time: 04:19:31
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpA



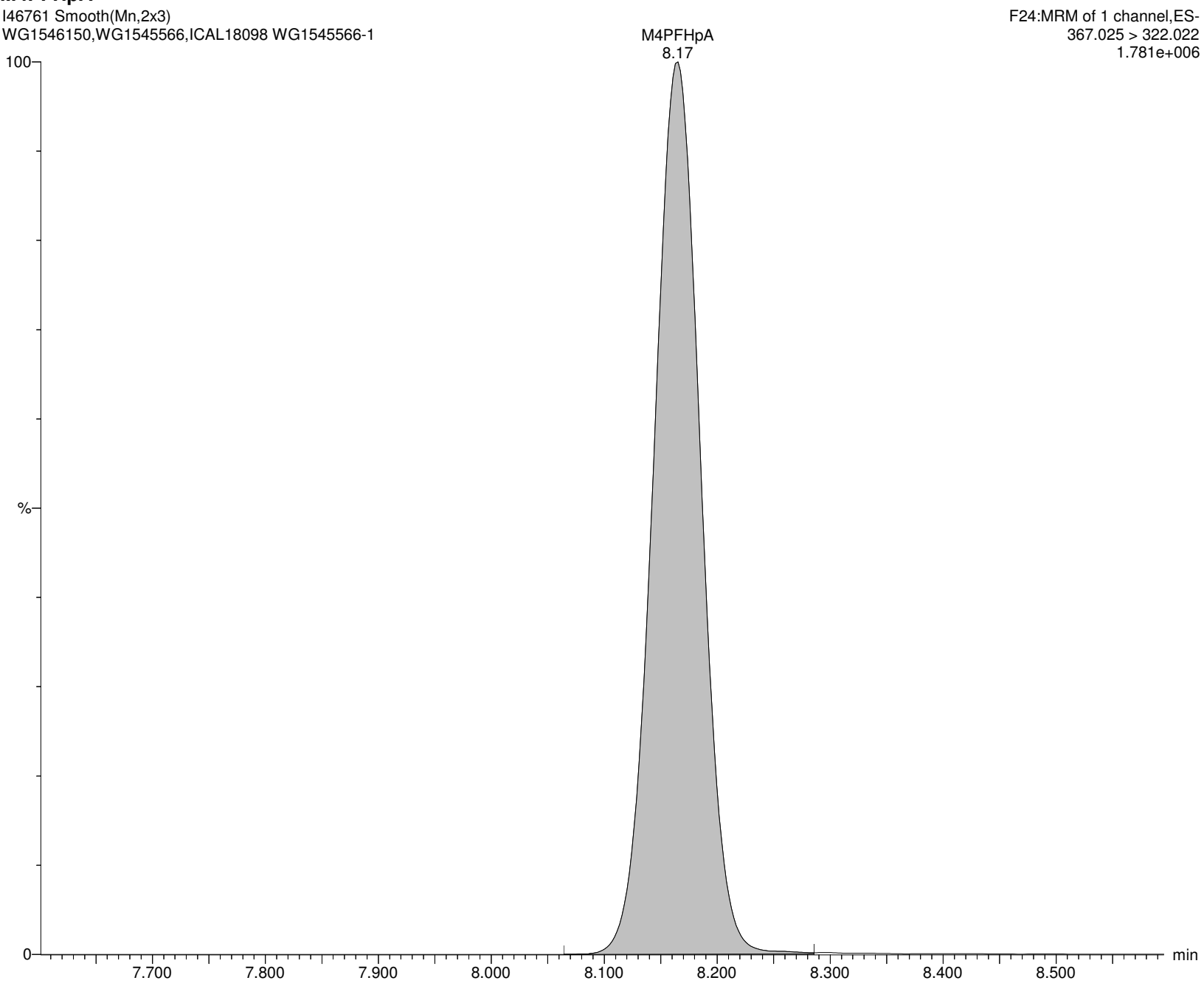


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 14:41:47 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 14:42:00 Eastern Daylight Time

Name: I46761
ID: WG1545566-1
Date: 15-Sep-2021
Time: 04:19:31
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFHpA

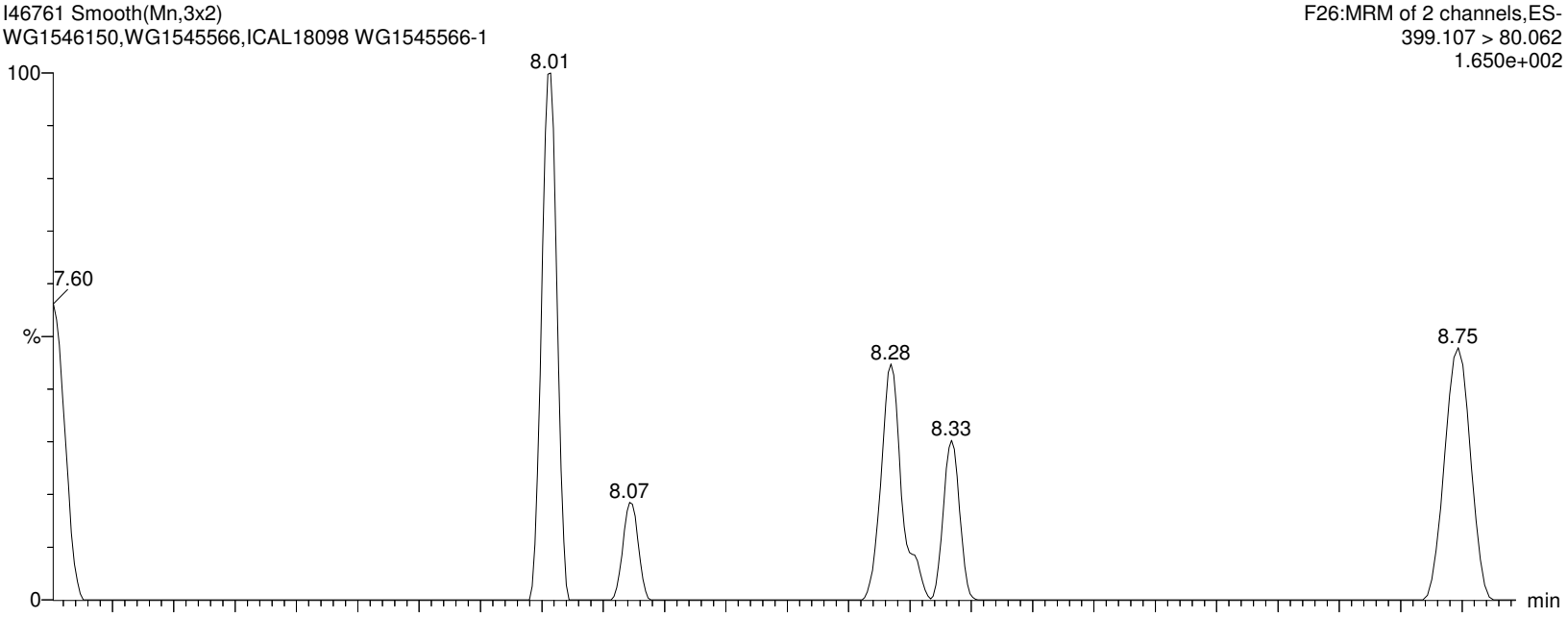


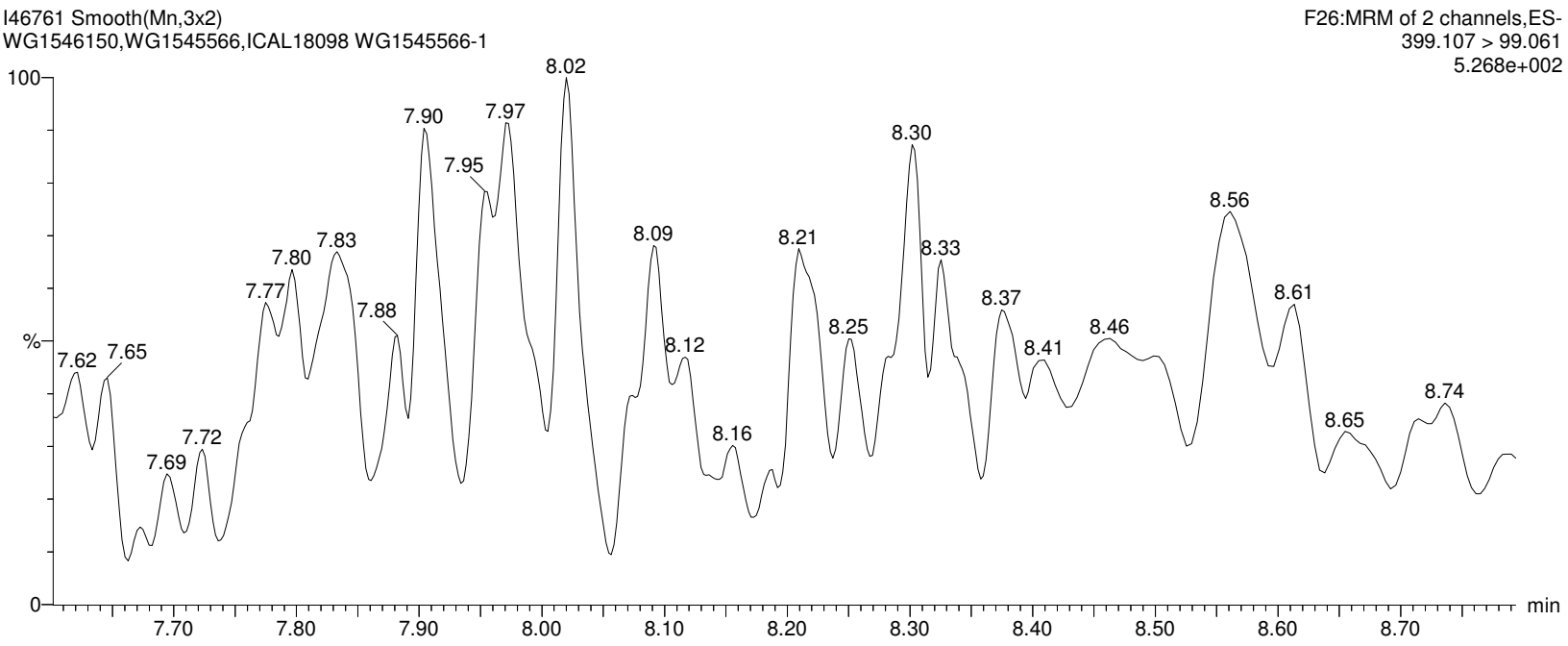
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 14:41:47 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 14:42:00 Eastern Daylight Time

Name: I46761
ID: WG1545566-1
Date: 15-Sep-2021
Time: 04:19:31
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFHxS



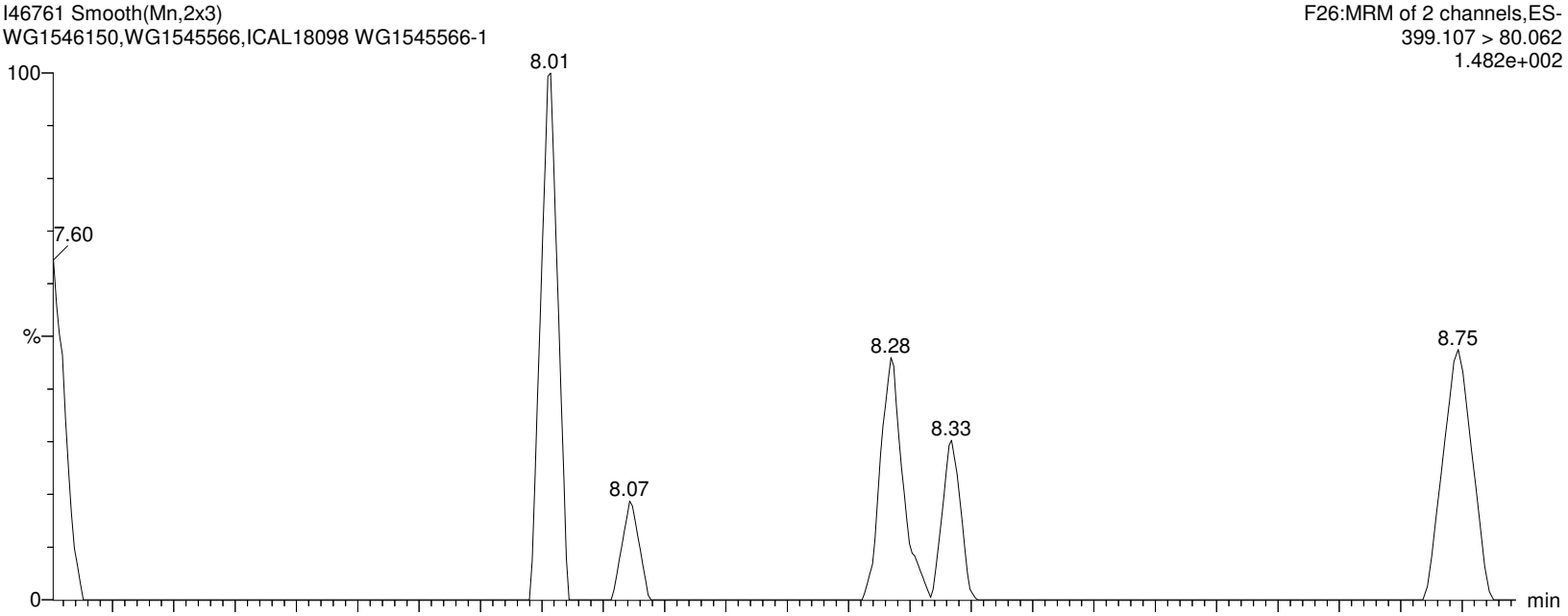


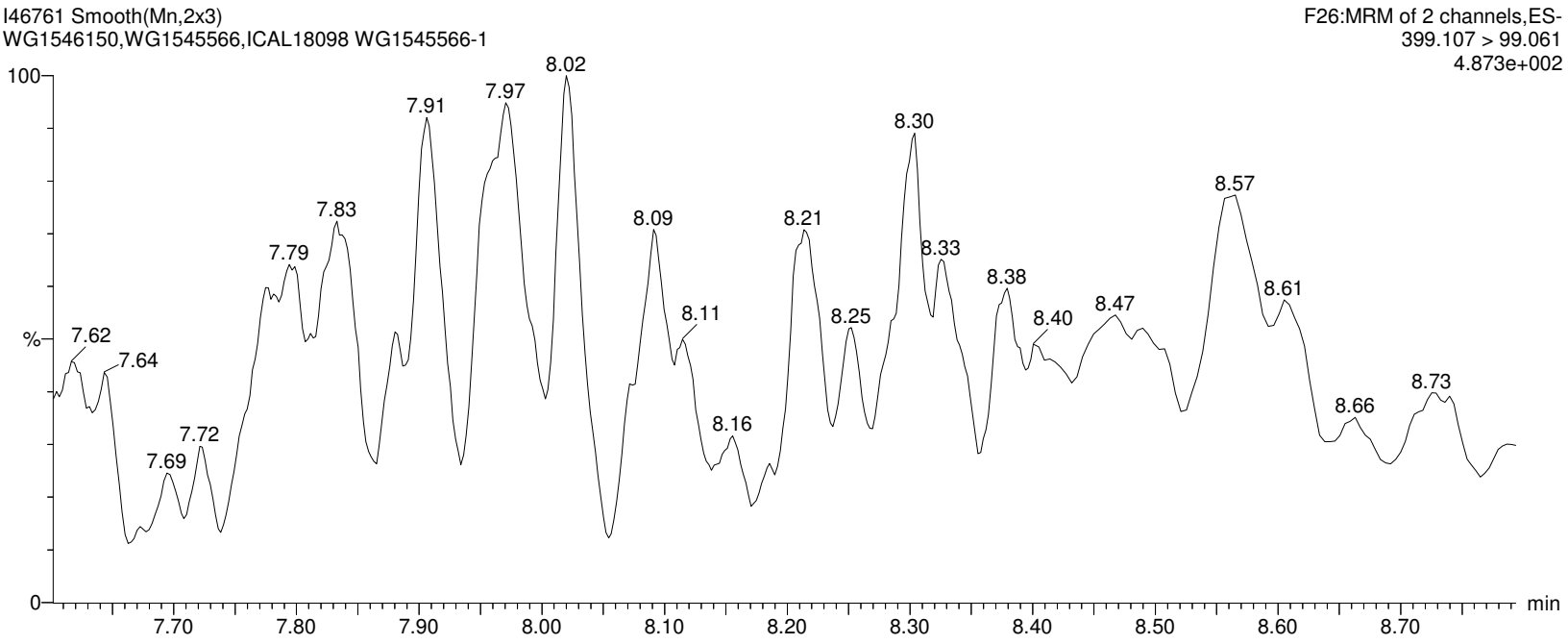
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 14:41:47 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 14:42:00 Eastern Daylight Time

Name: I46761
ID: WG1545566-1
Date: 15-Sep-2021
Time: 04:19:31
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFHxS



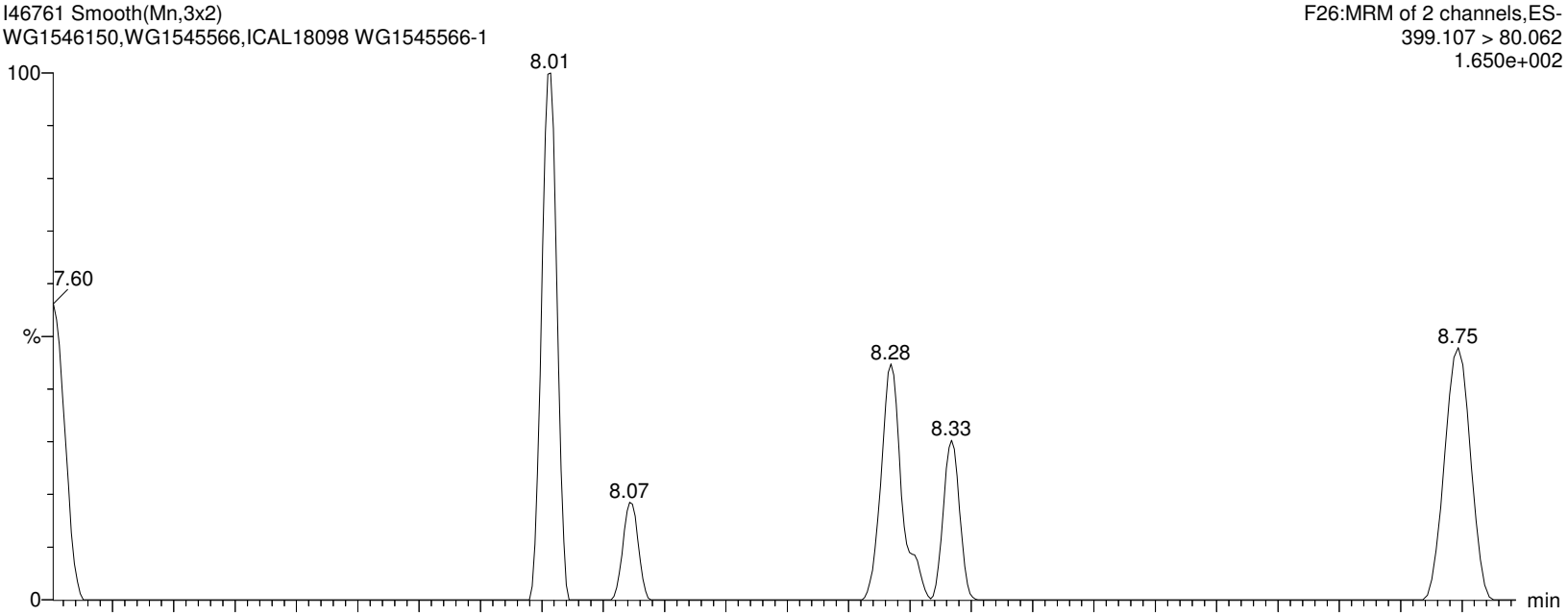


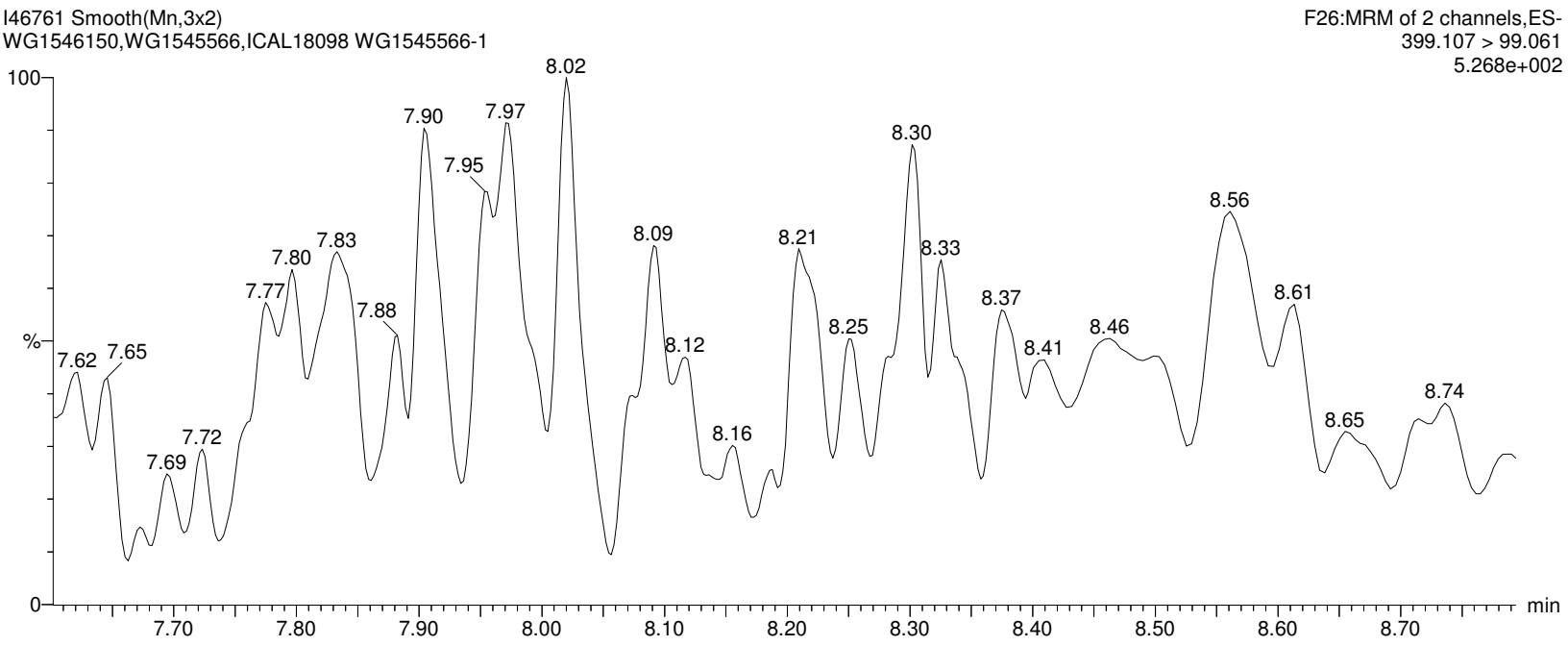
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 14:41:47 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 14:42:00 Eastern Daylight Time

Name: I46761
ID: WG1545566-1
Date: 15-Sep-2021
Time: 04:19:31
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxS



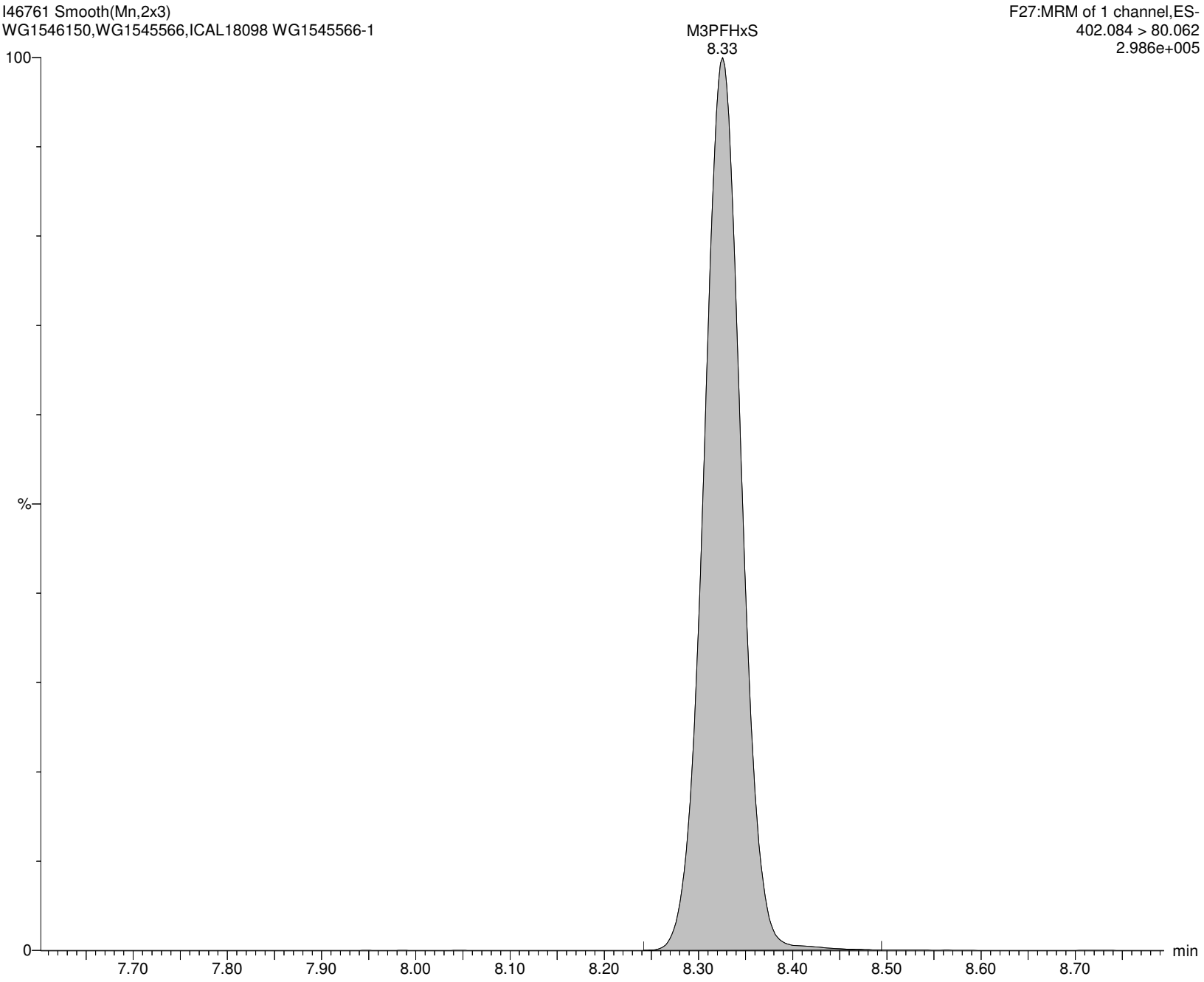


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 14:41:47 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 14:42:00 Eastern Daylight Time

Name: I46761
ID: WG1545566-1
Date: 15-Sep-2021
Time: 04:19:31
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFHxS

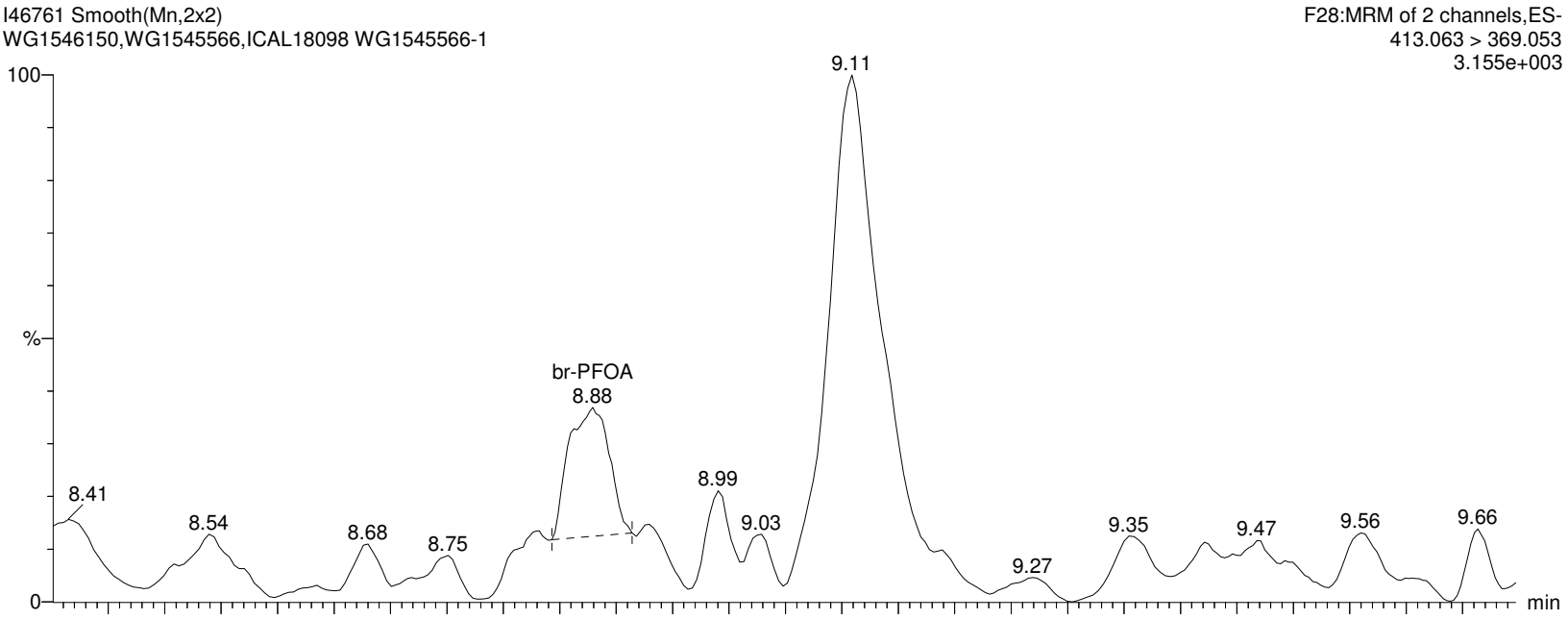


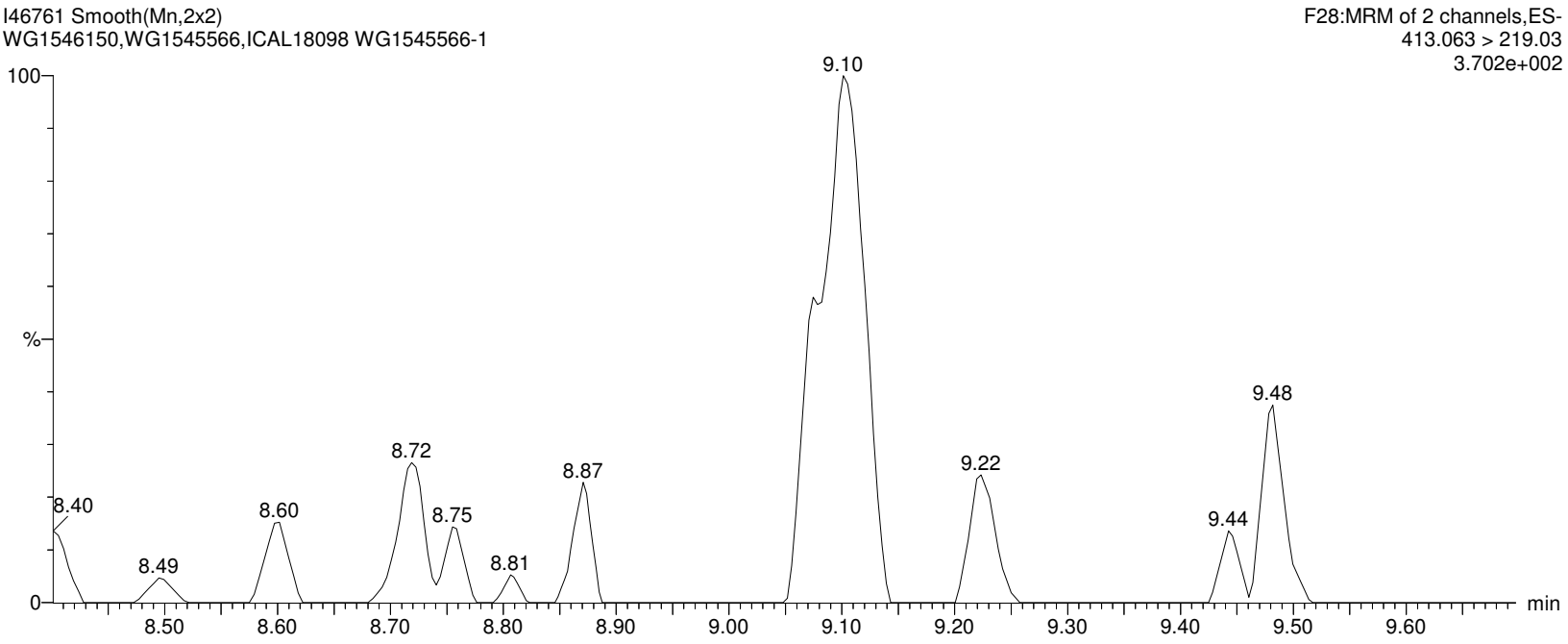
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 14:41:47 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 14:42:00 Eastern Daylight Time

Name: I46761
ID: WG1545566-1
Date: 15-Sep-2021
Time: 04:19:31
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOA



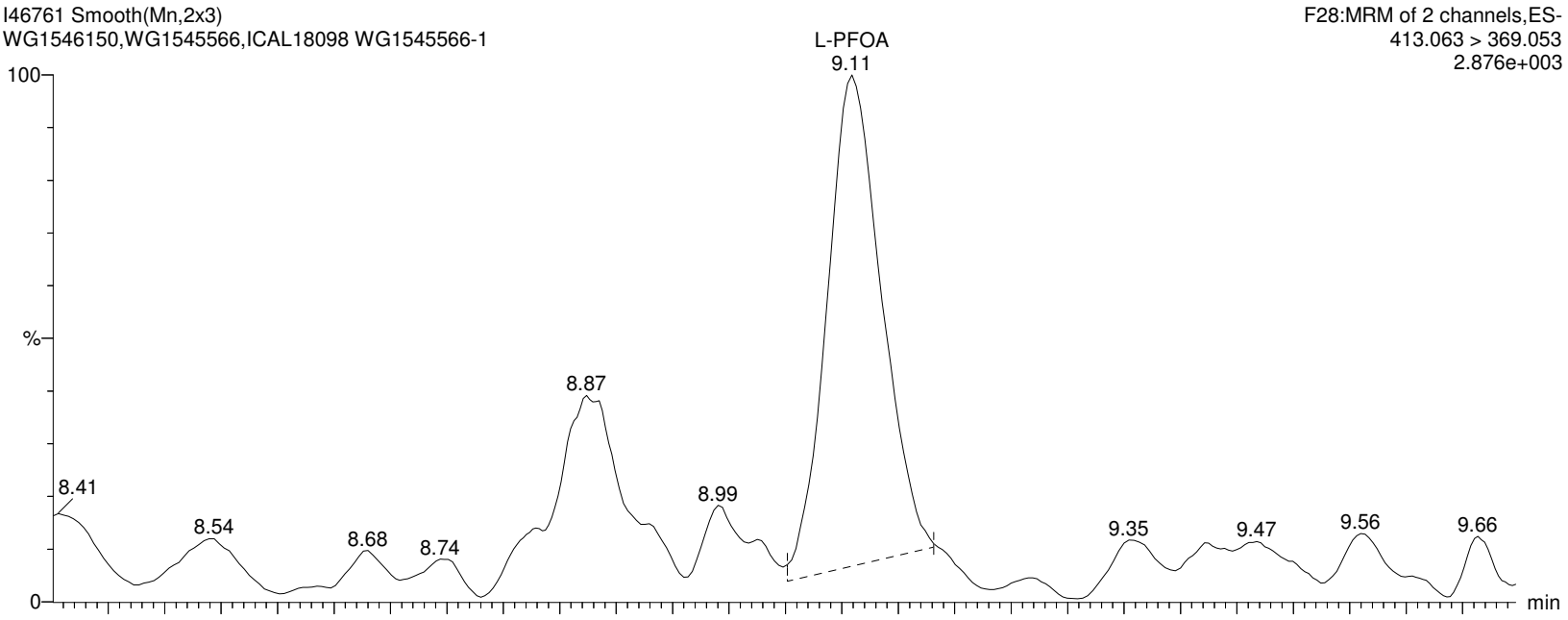


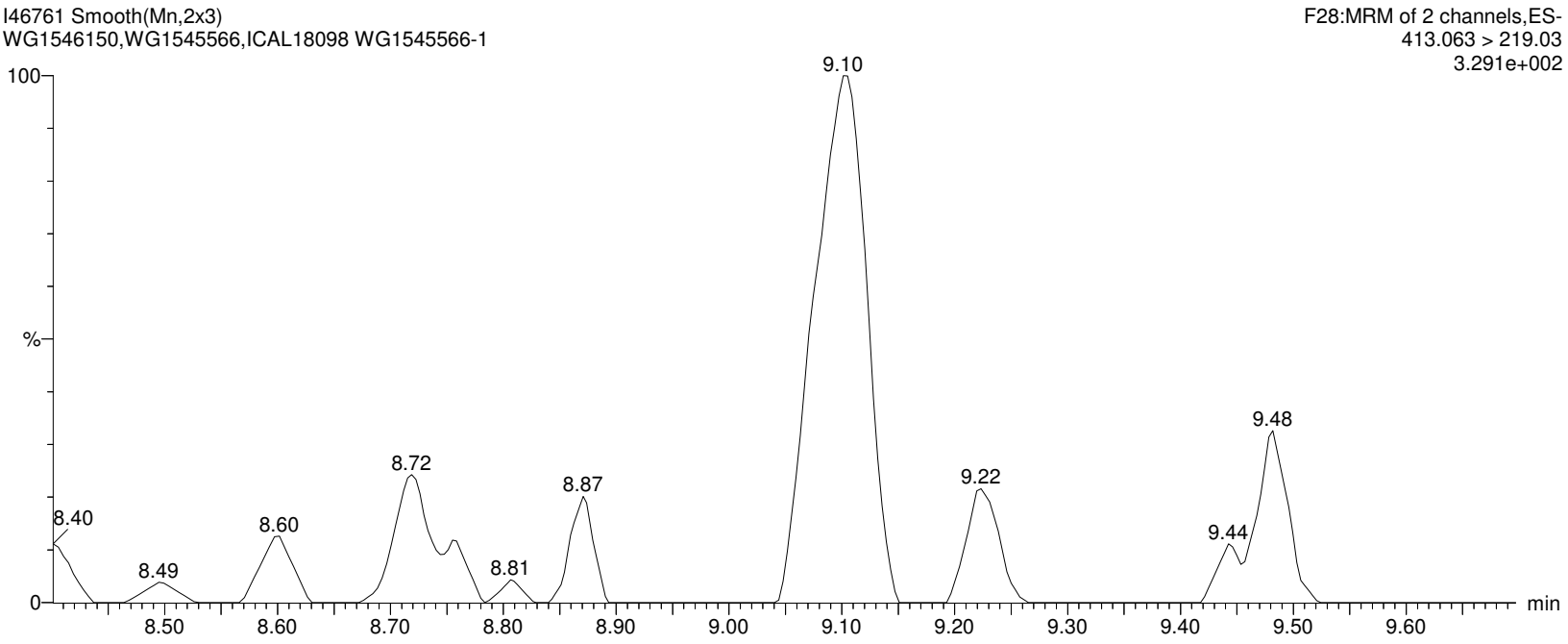
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 14:41:47 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 14:42:00 Eastern Daylight Time

Name: I46761
ID: WG1545566-1
Date: 15-Sep-2021
Time: 04:19:31
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOA



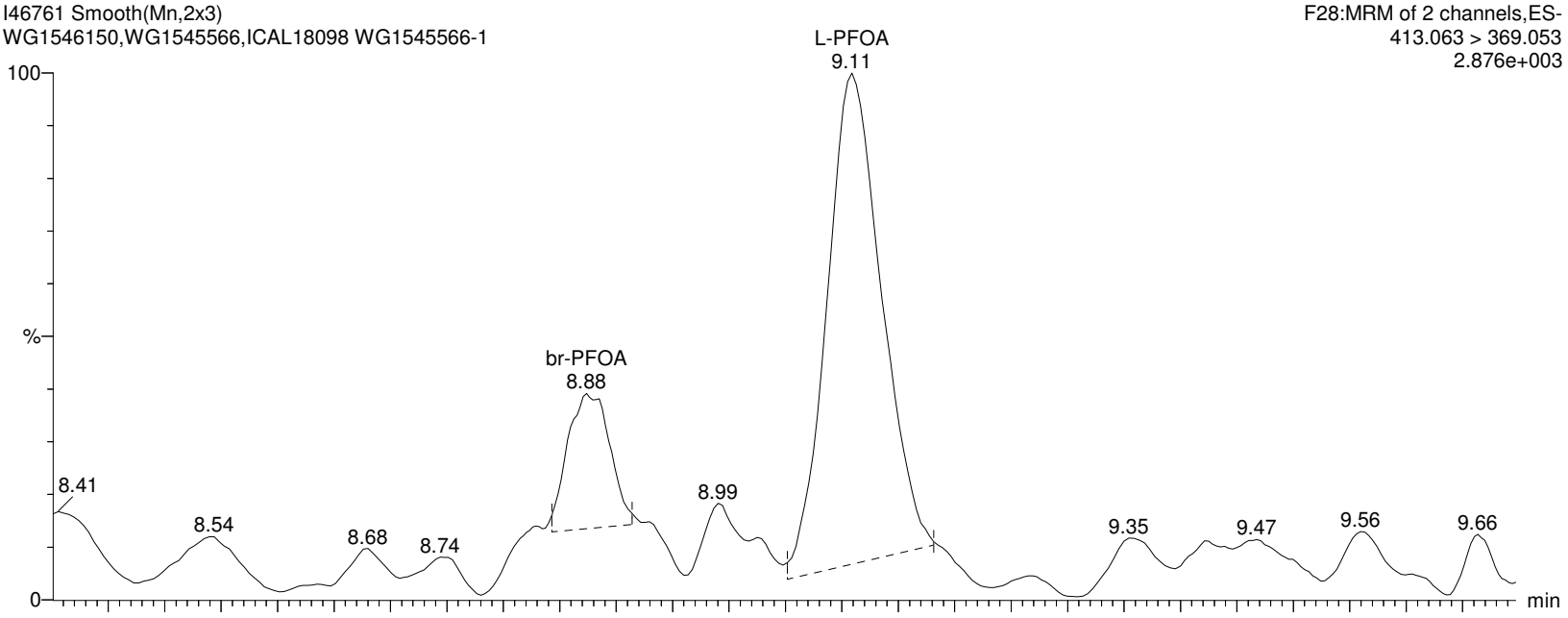


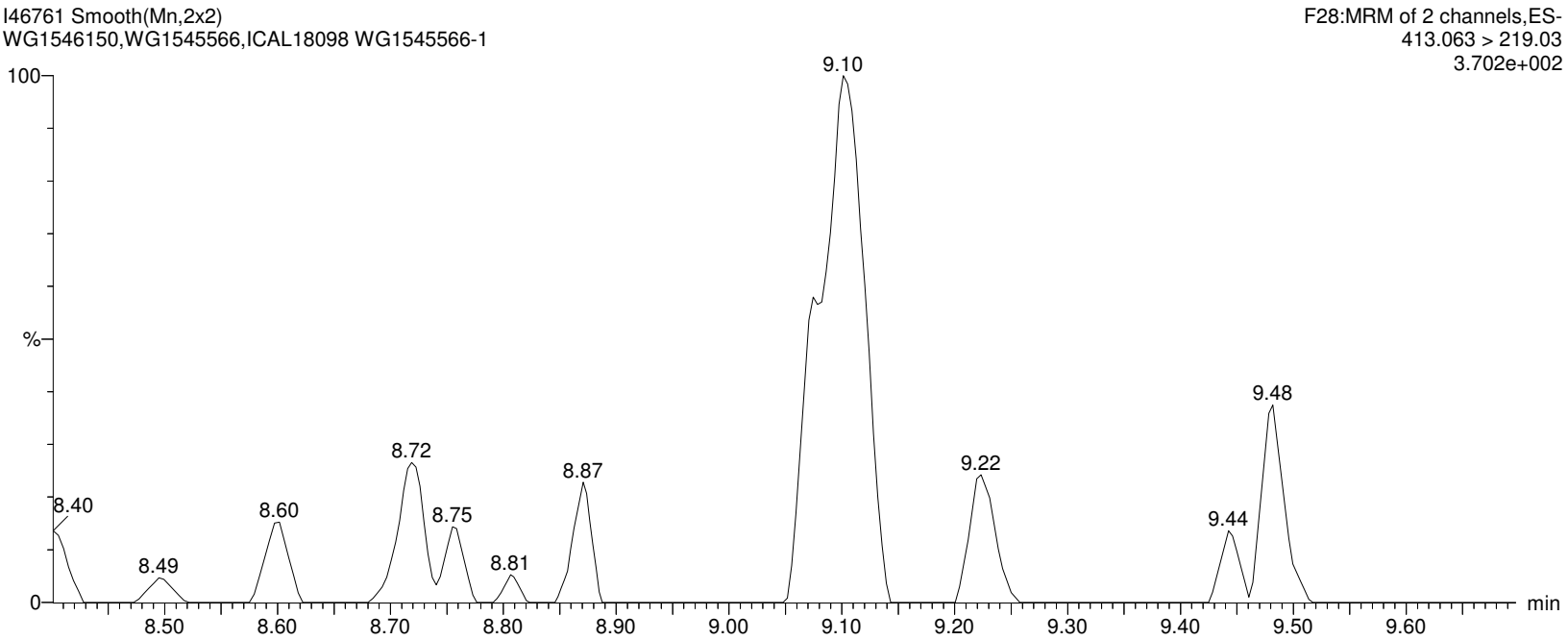
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 14:41:47 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 14:42:00 Eastern Daylight Time

Name: I46761
ID: WG1545566-1
Date: 15-Sep-2021
Time: 04:19:31
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOA



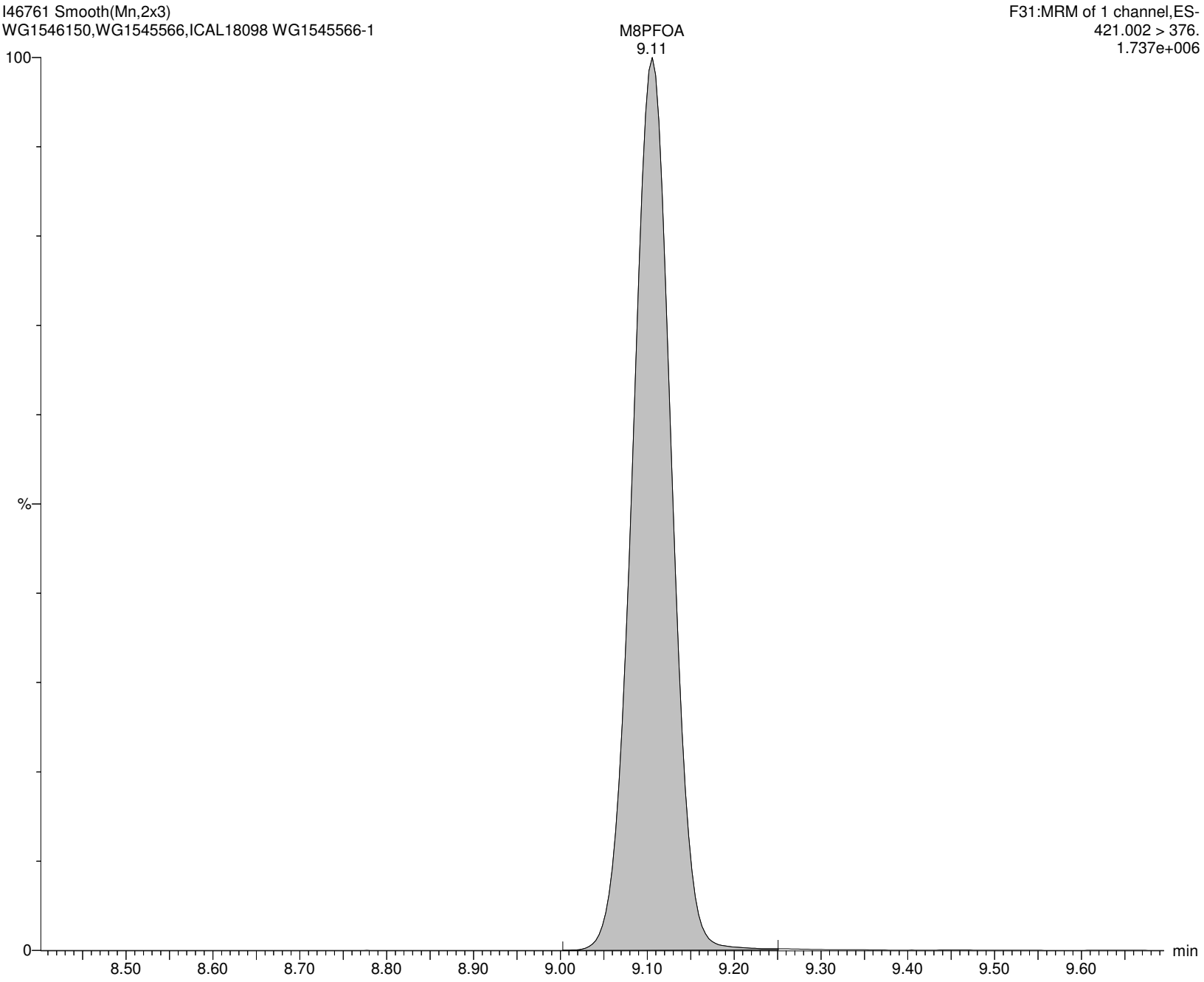


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 14:41:47 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 14:42:00 Eastern Daylight Time

Name: I46761
ID: WG1545566-1
Date: 15-Sep-2021
Time: 04:19:31
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOA

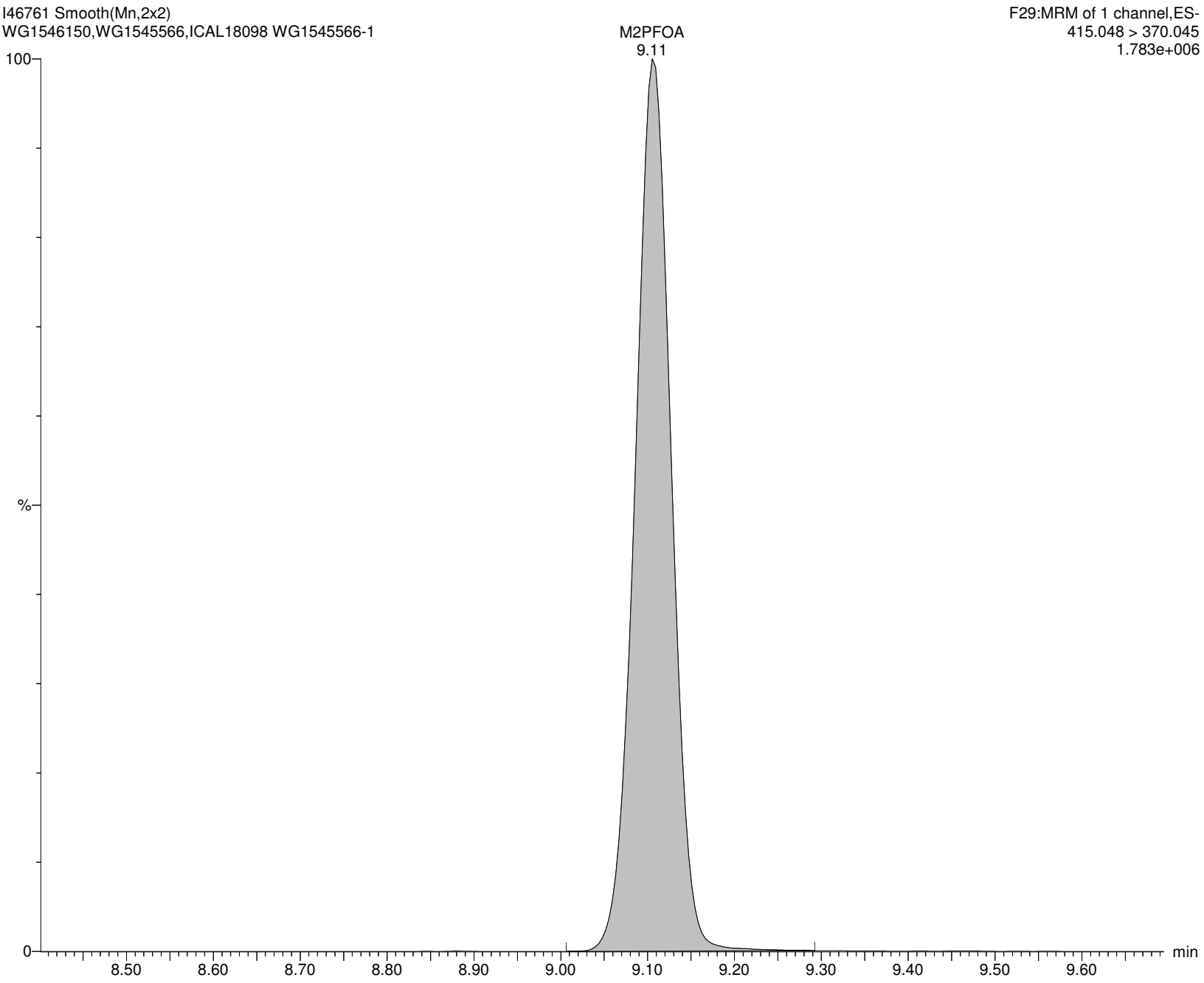


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 14:41:47 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 14:42:00 Eastern Daylight Time

Name: I46761
ID: WG1545566-1
Date: 15-Sep-2021
Time: 04:19:31
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFOA

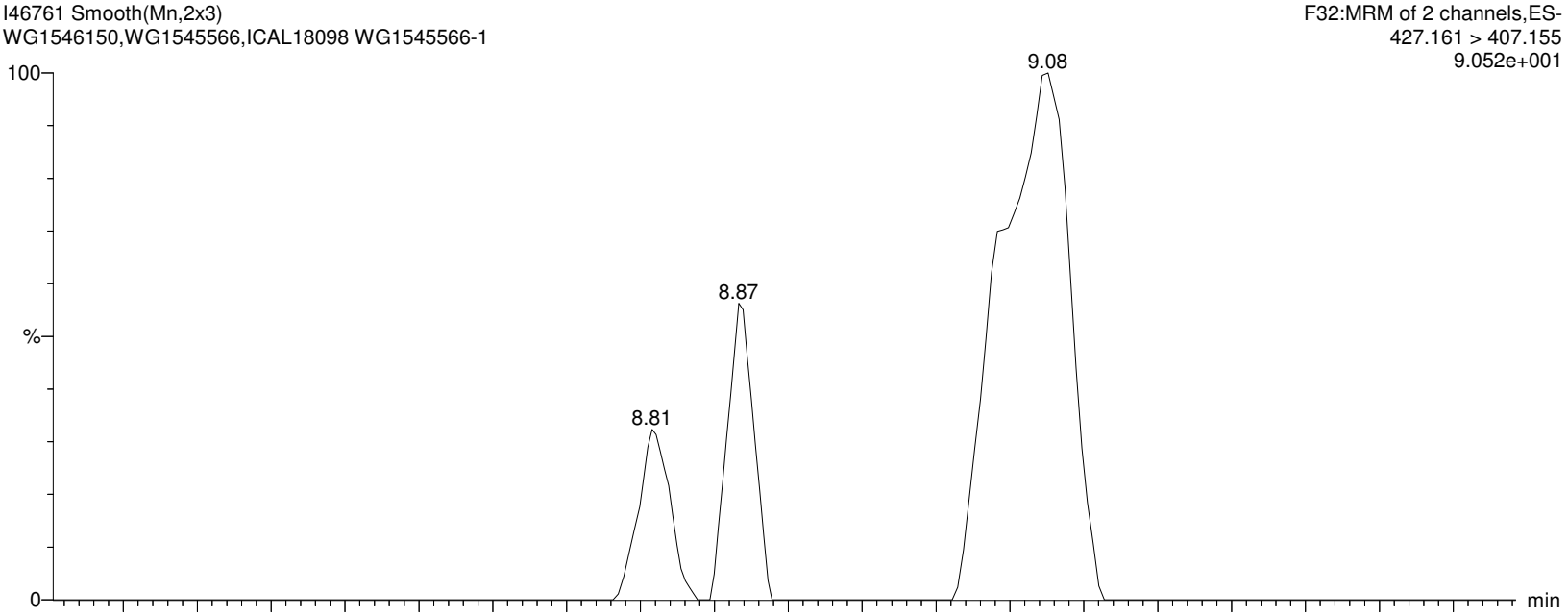


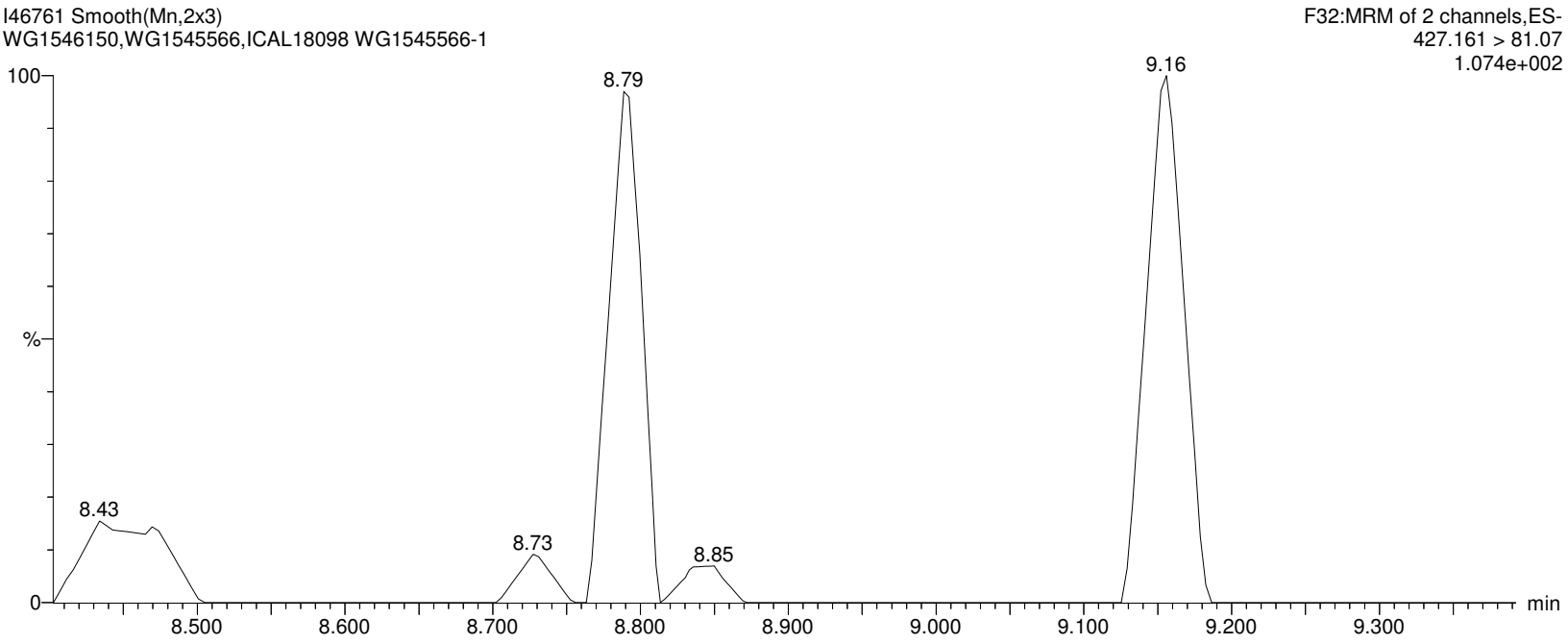
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 14:41:47 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 14:42:00 Eastern Daylight Time

Name: I46761
ID: WG1545566-1
Date: 15-Sep-2021
Time: 04:19:31
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

6:2FTS



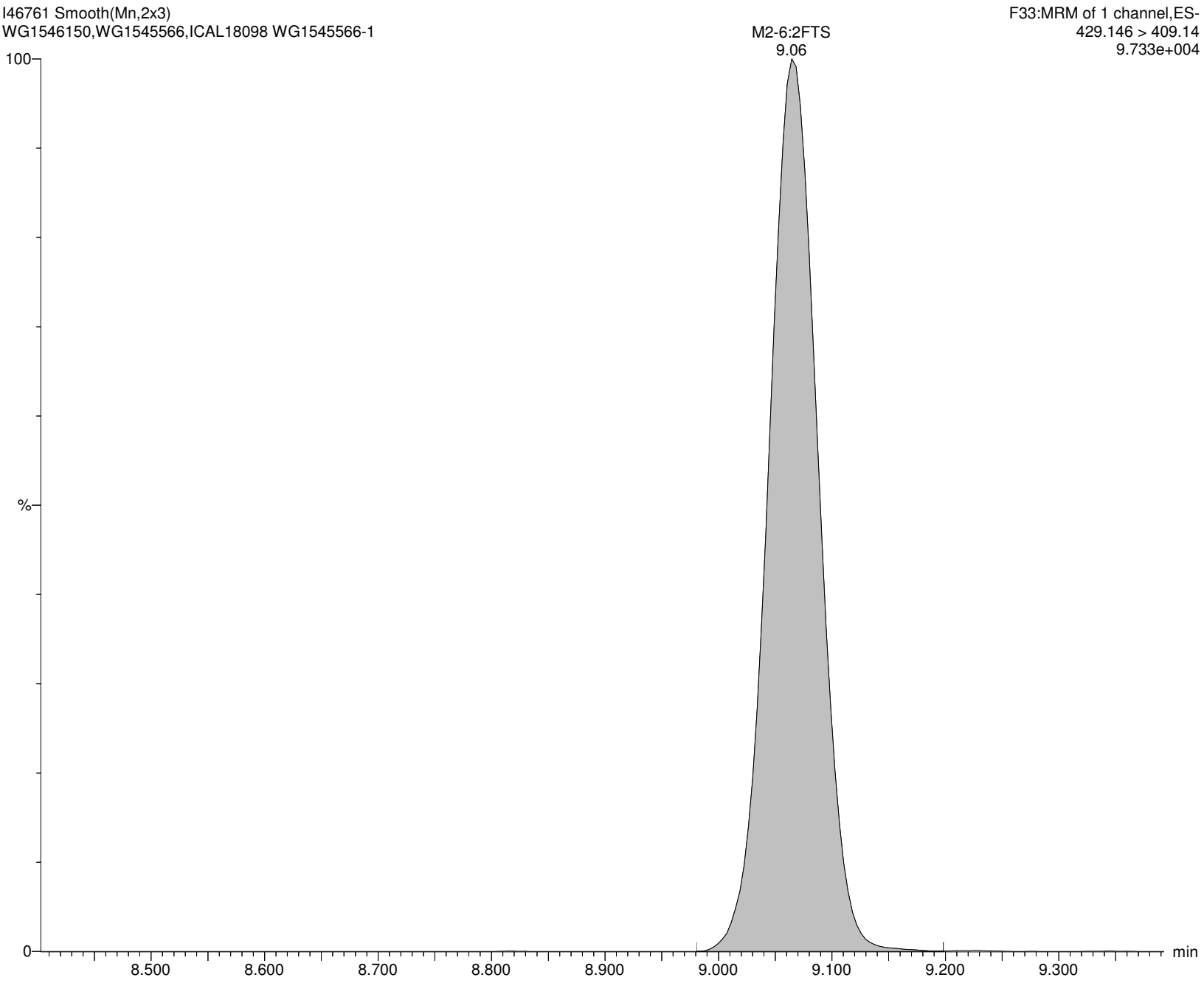


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 14:41:47 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 14:42:00 Eastern Daylight Time

Name: I46761
ID: WG1545566-1
Date: 15-Sep-2021
Time: 04:19:31
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-6:2FTS

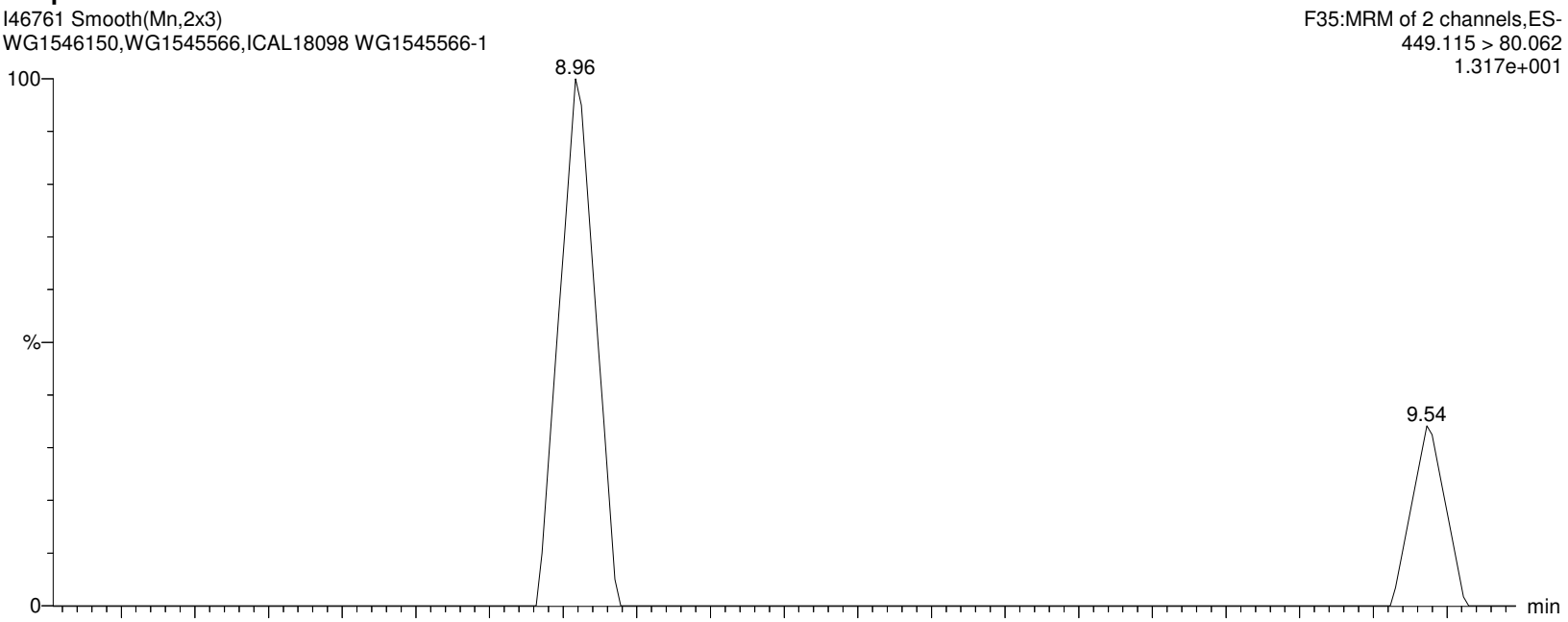


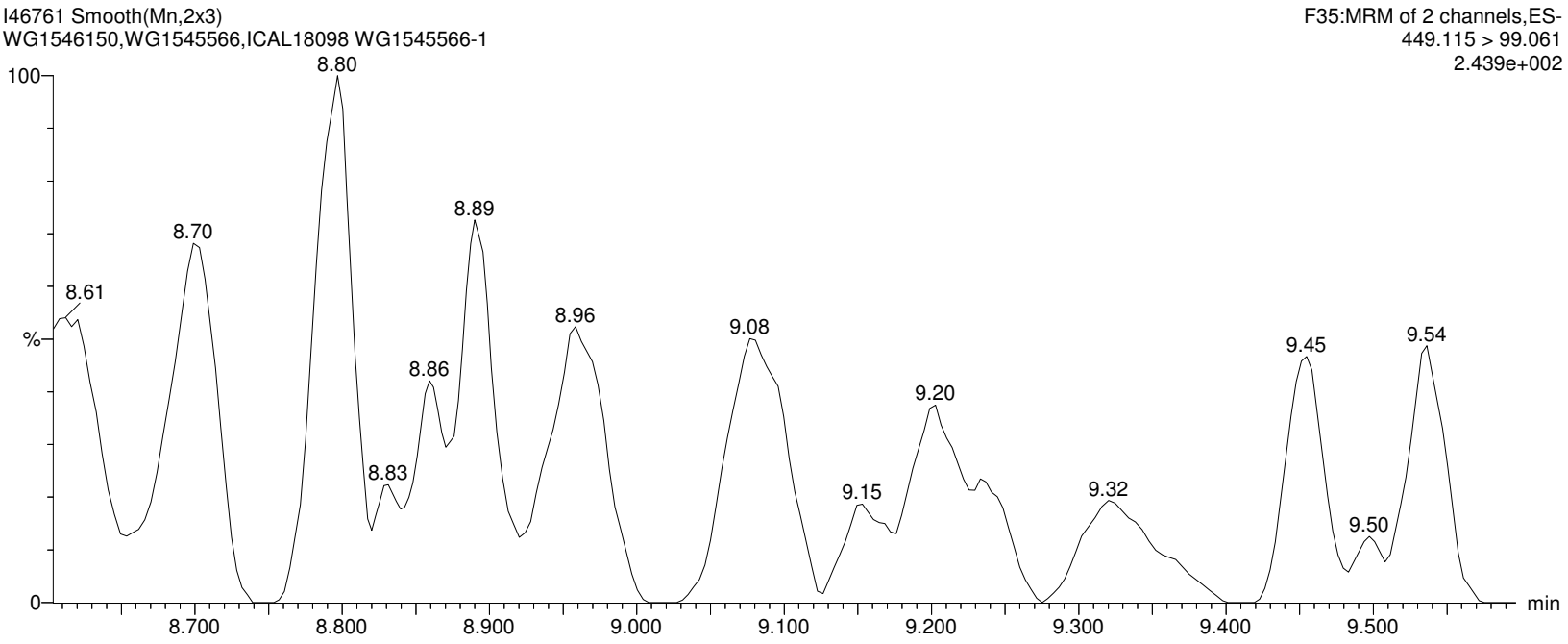
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 14:41:47 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 14:42:00 Eastern Daylight Time

Name: I46761
ID: WG1545566-1
Date: 15-Sep-2021
Time: 04:19:31
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpS



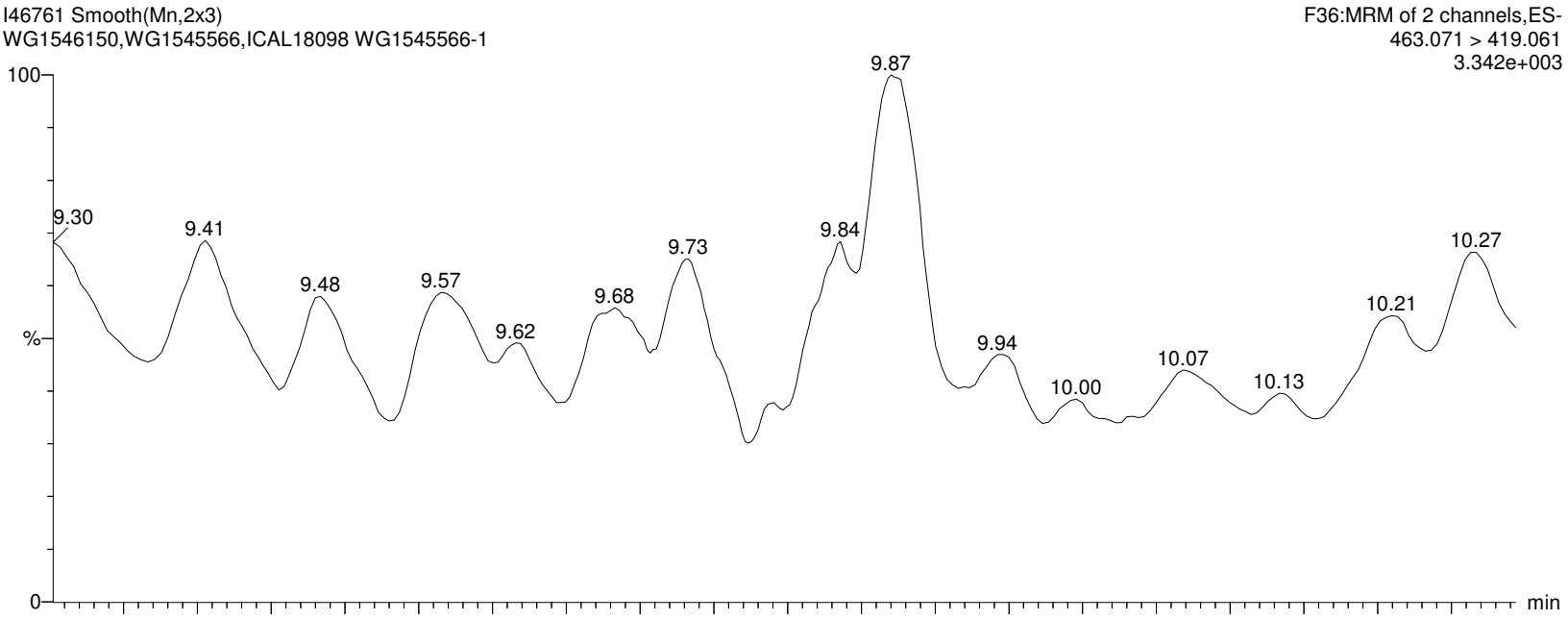


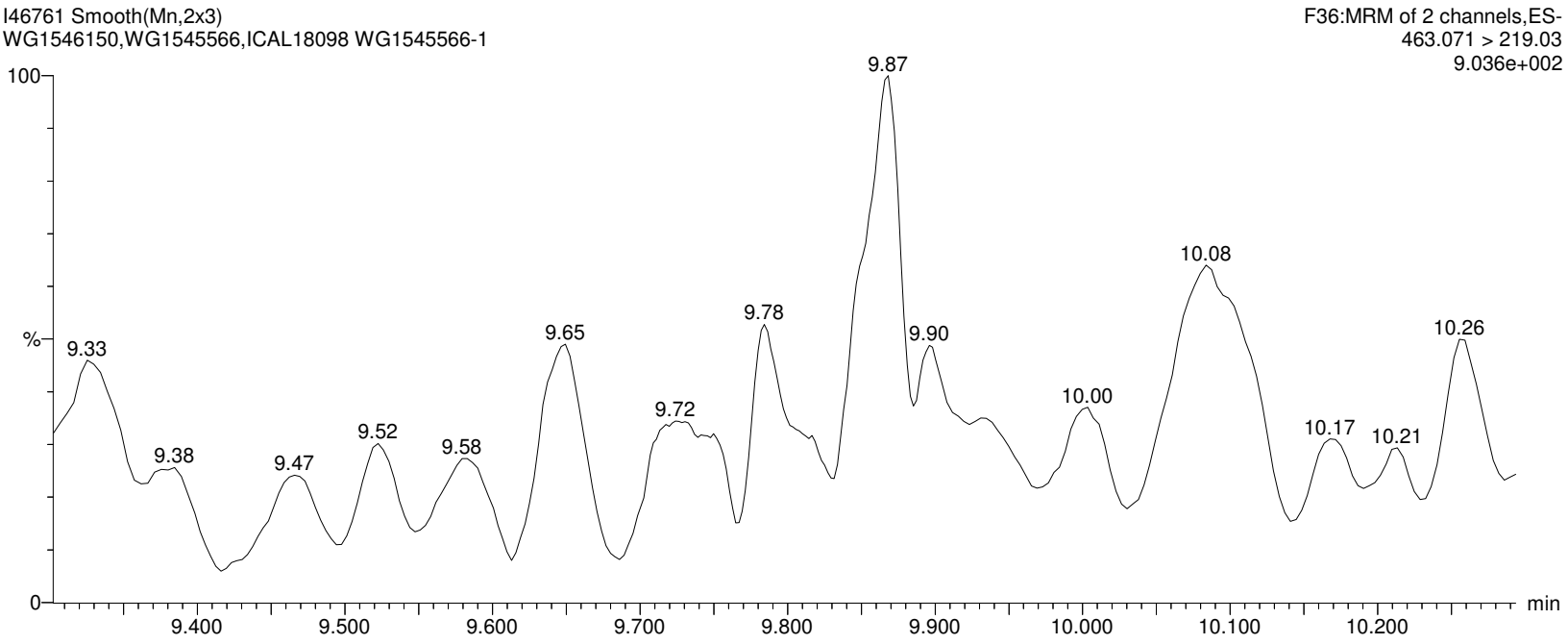
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 14:41:47 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 14:42:00 Eastern Daylight Time

Name: I46761
ID: WG1545566-1
Date: 15-Sep-2021
Time: 04:19:31
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNA



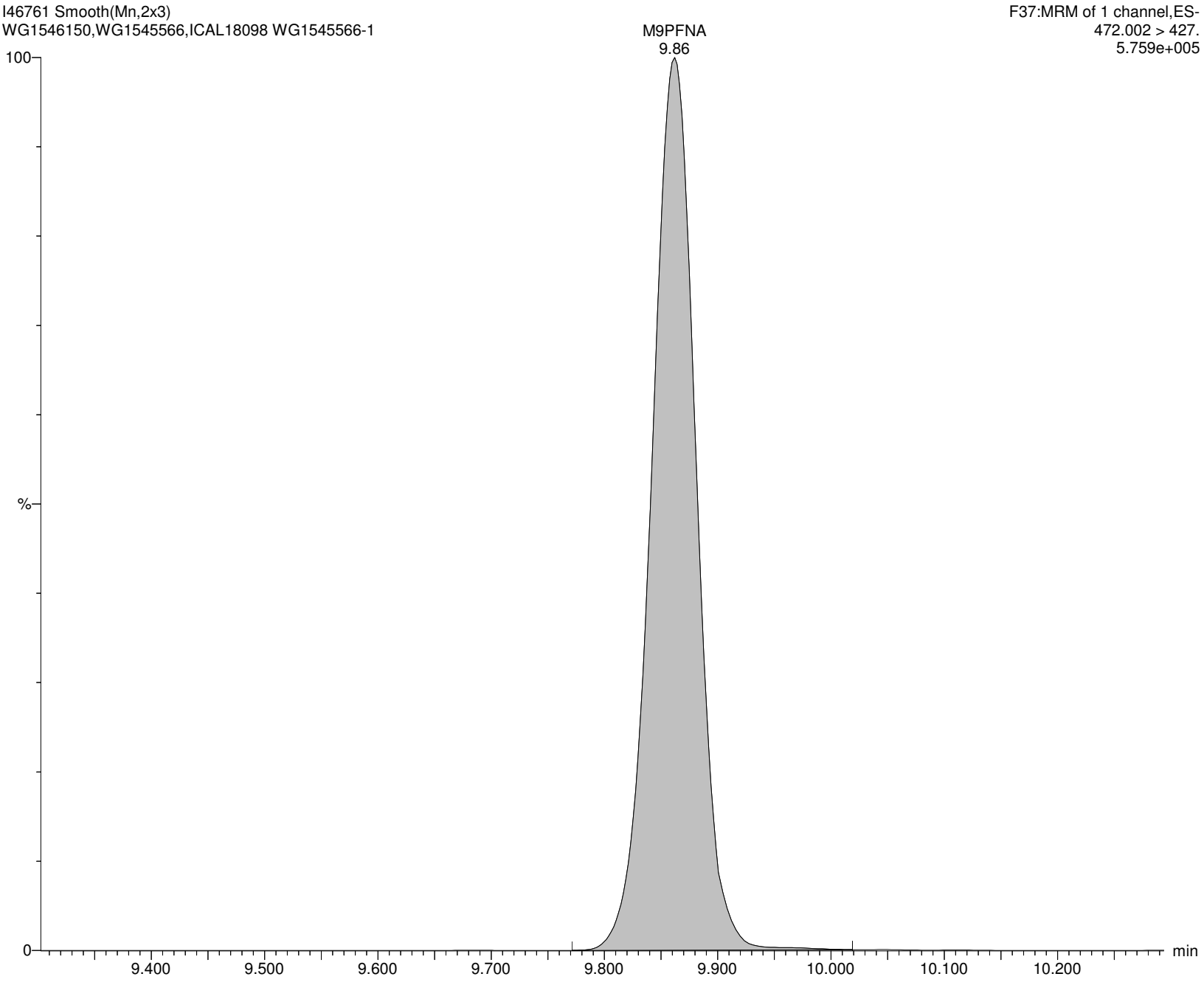


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 14:41:47 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 14:42:00 Eastern Daylight Time

Name: I46761
ID: WG1545566-1
Date: 15-Sep-2021
Time: 04:19:31
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M9PFNA

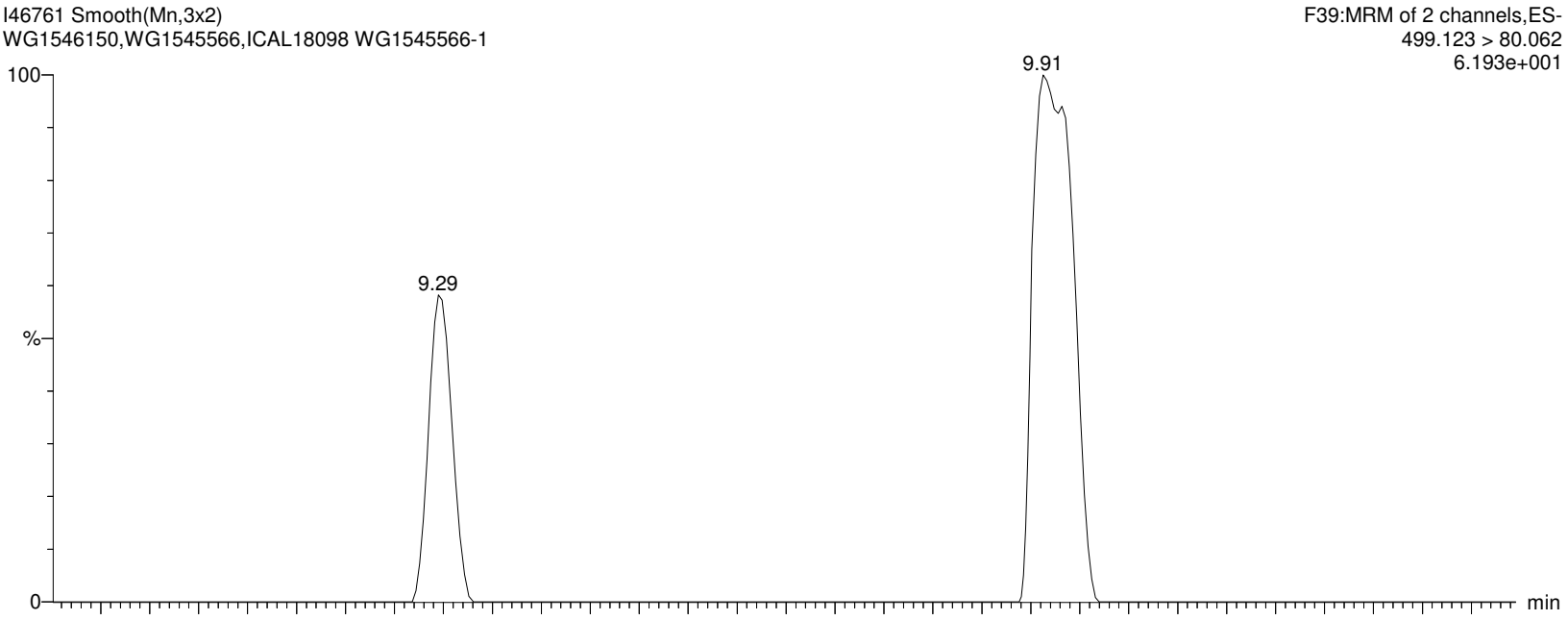


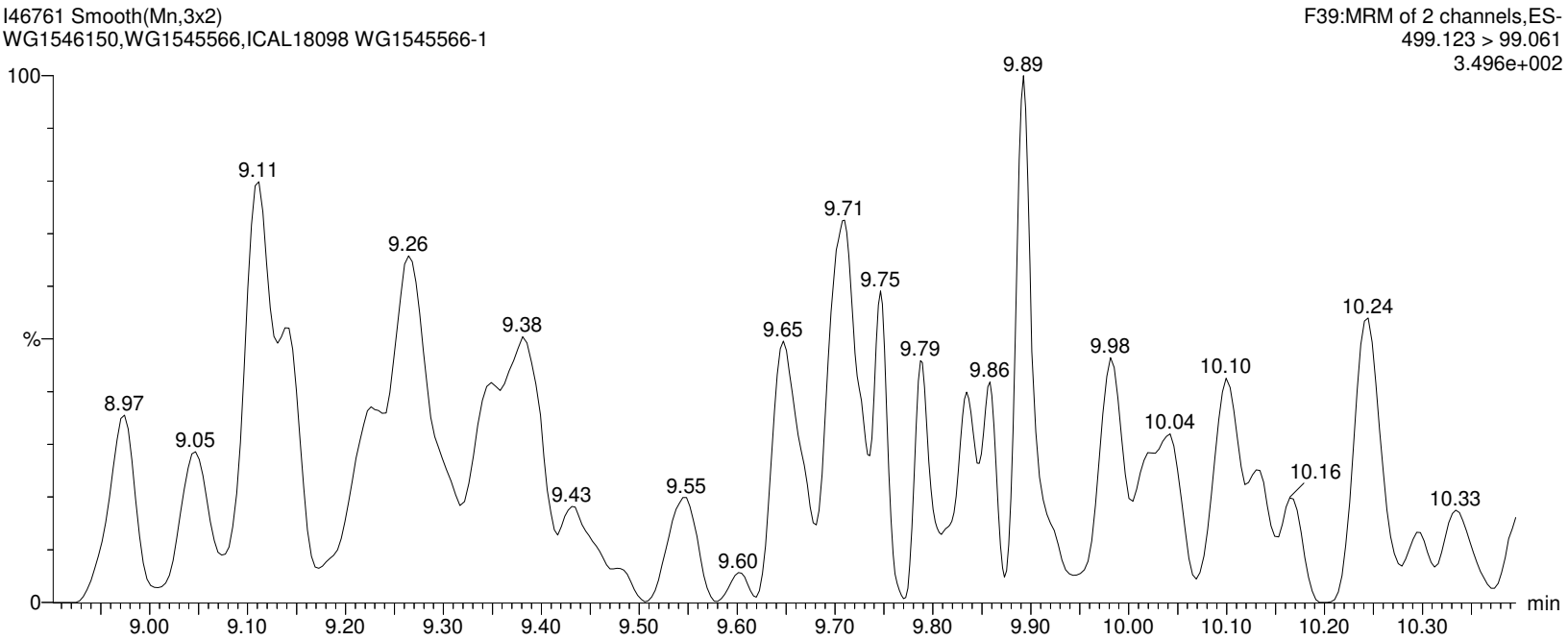
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 14:41:47 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 14:42:00 Eastern Daylight Time

Name: I46761
ID: WG1545566-1
Date: 15-Sep-2021
Time: 04:19:31
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOS



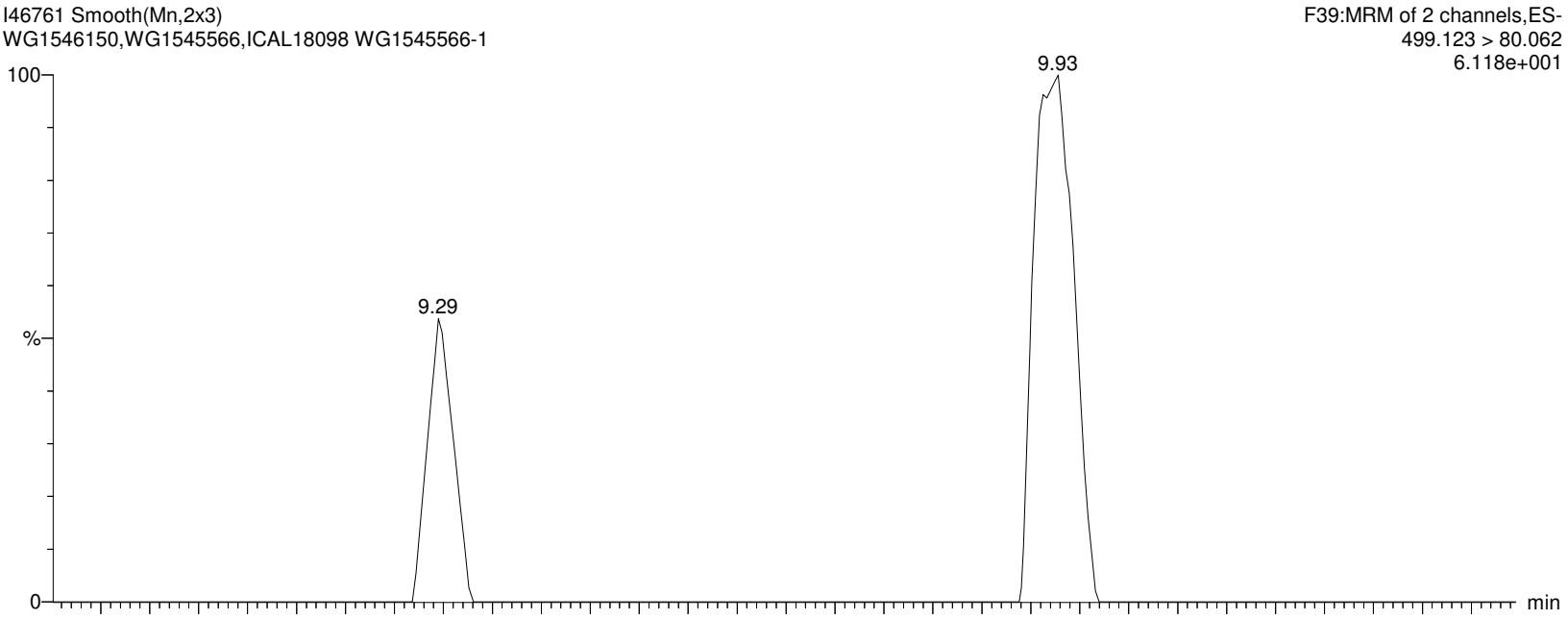


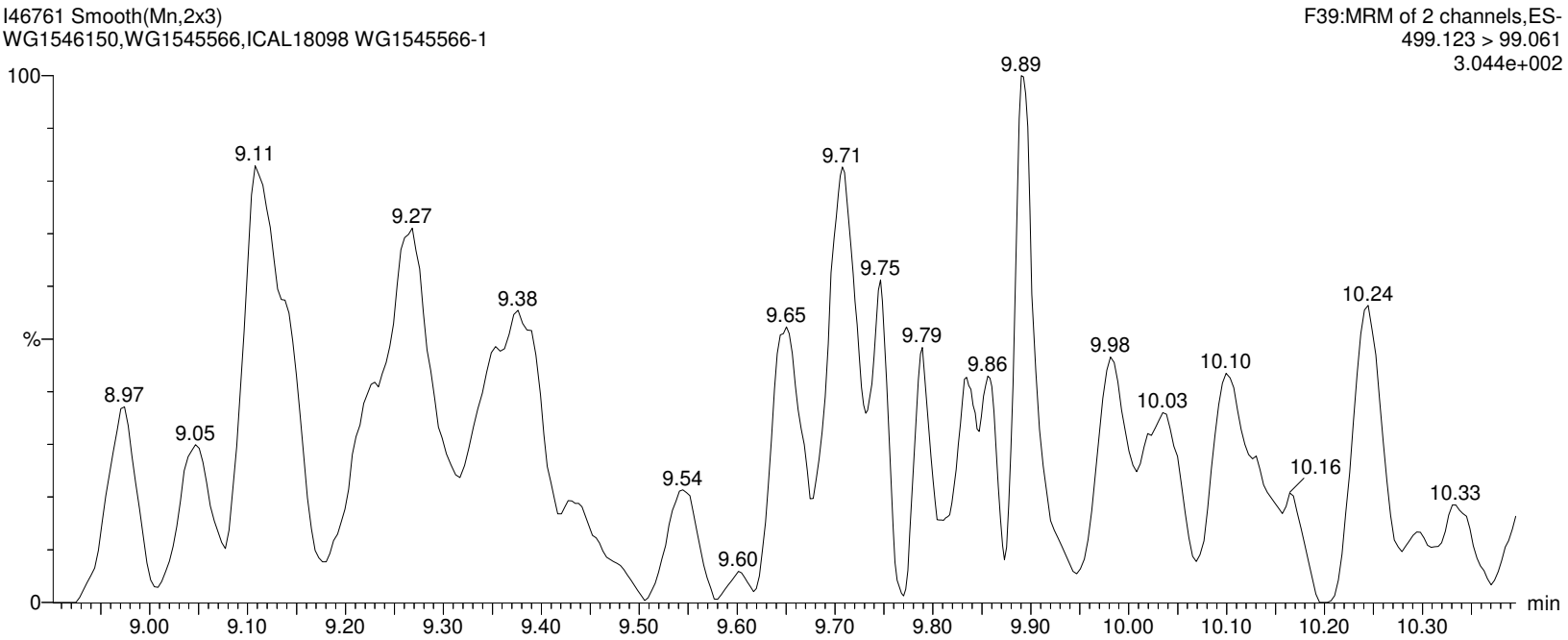
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 14:41:47 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 14:42:00 Eastern Daylight Time

Name: I46761
ID: WG1545566-1
Date: 15-Sep-2021
Time: 04:19:31
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOS



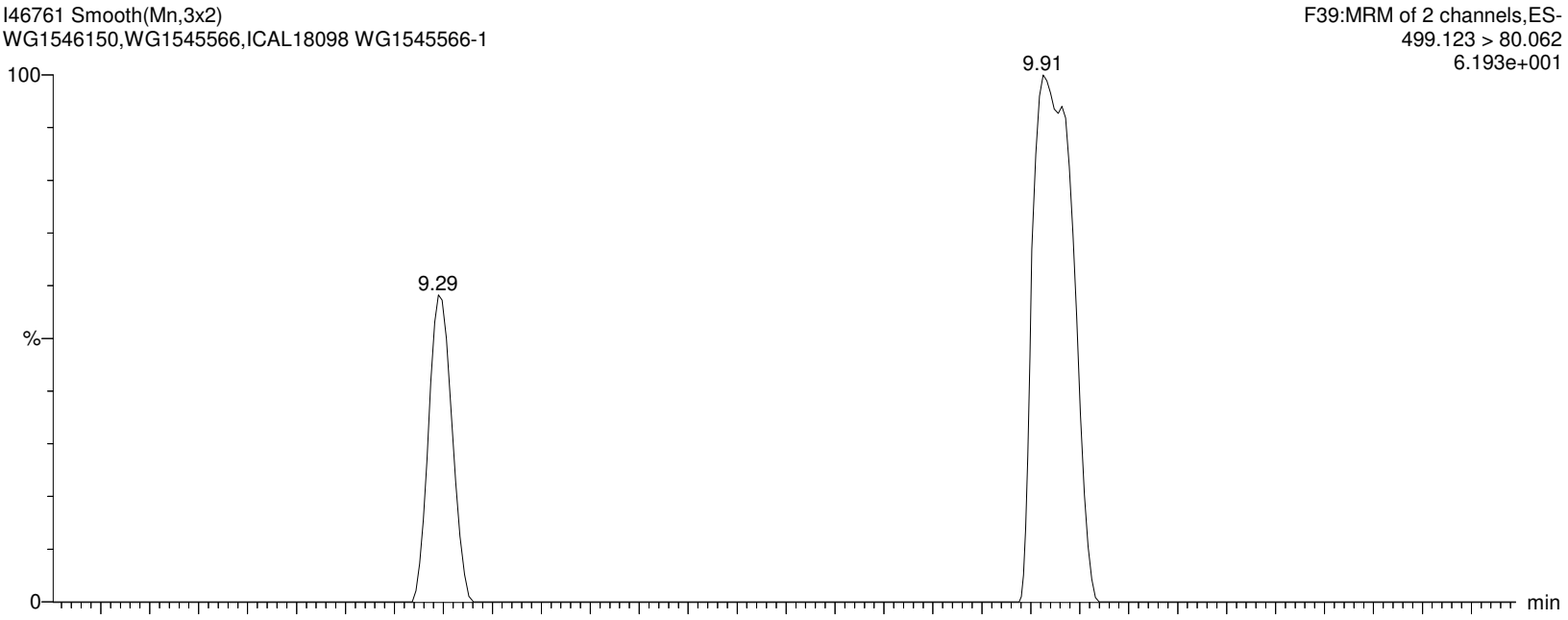


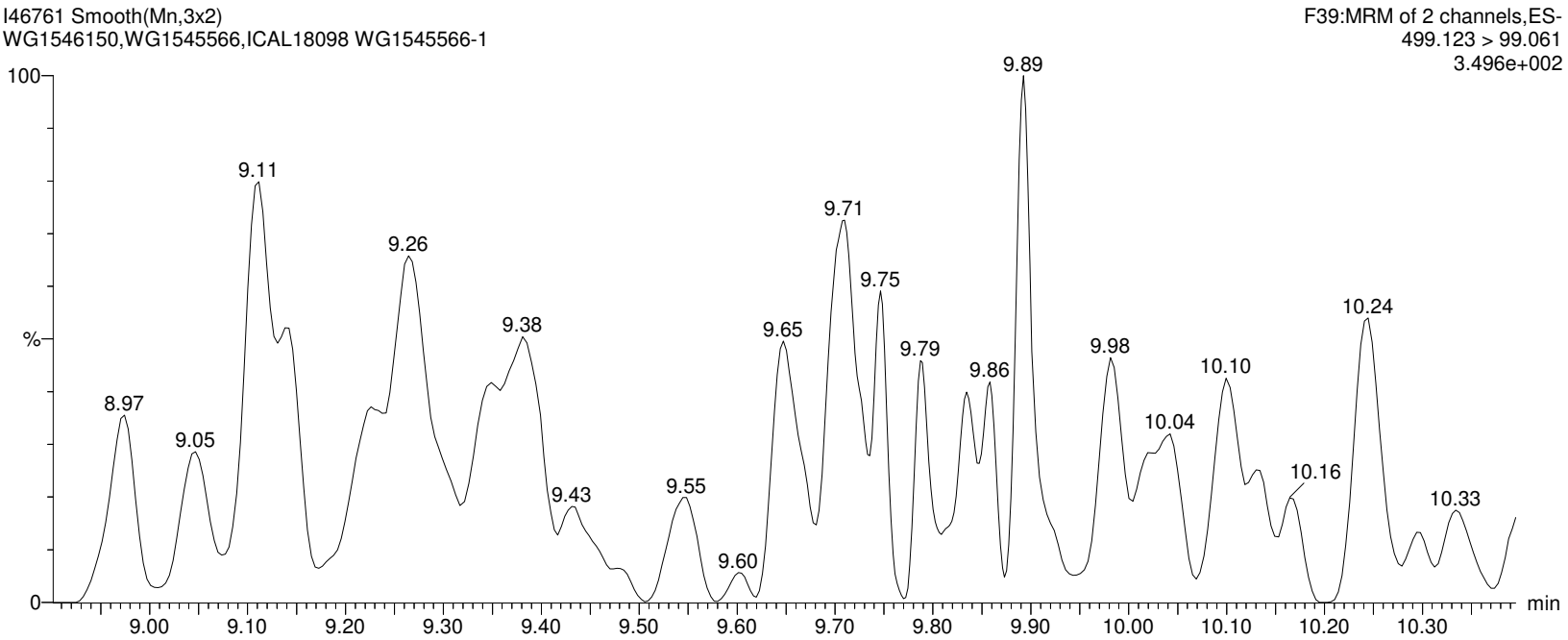
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 14:41:47 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 14:42:00 Eastern Daylight Time

Name: I46761
ID: WG1545566-1
Date: 15-Sep-2021
Time: 04:19:31
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOS



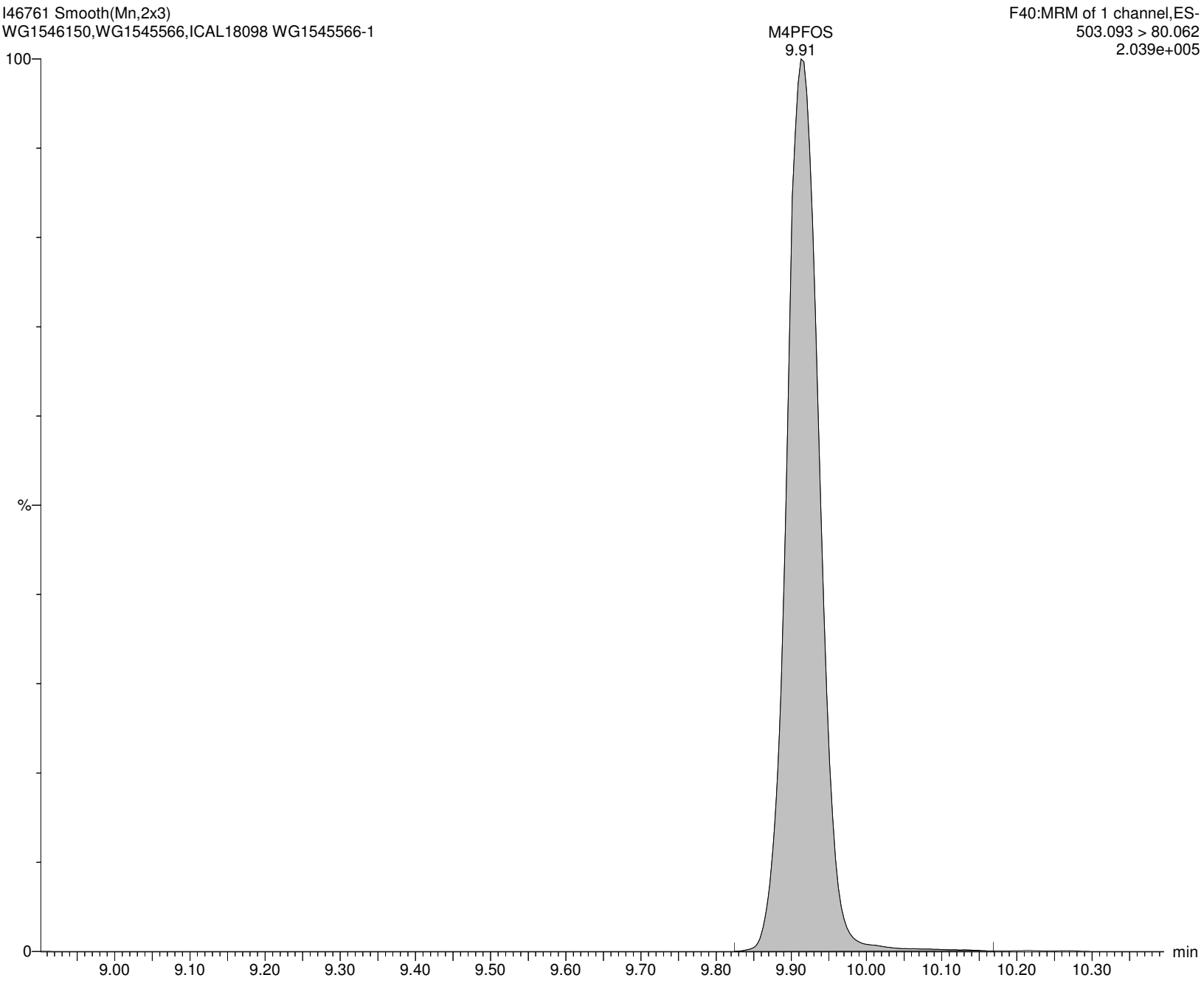


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 14:41:47 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 14:42:00 Eastern Daylight Time

Name: I46761
ID: WG1545566-1
Date: 15-Sep-2021
Time: 04:19:31
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOS

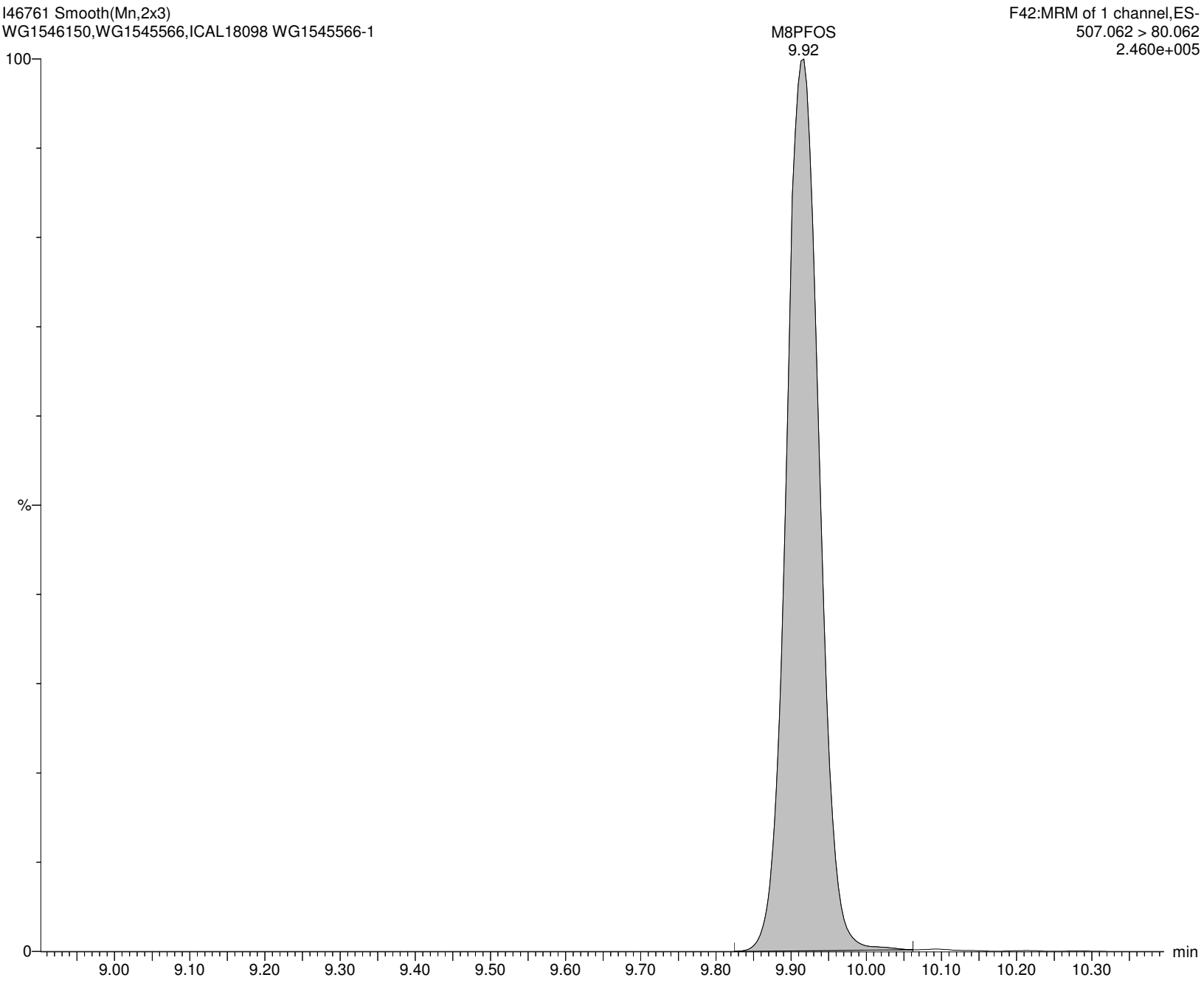


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 14:41:47 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 14:42:00 Eastern Daylight Time

Name: I46761
ID: WG1545566-1
Date: 15-Sep-2021
Time: 04:19:31
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOS

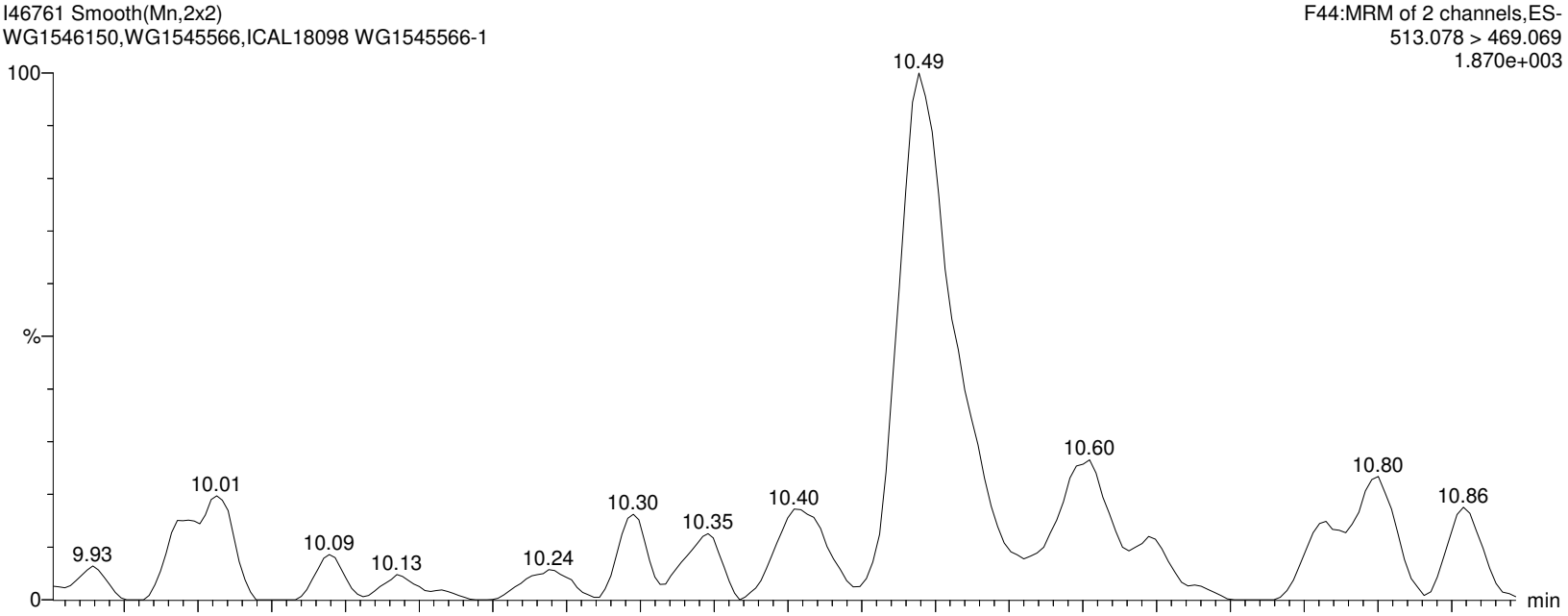


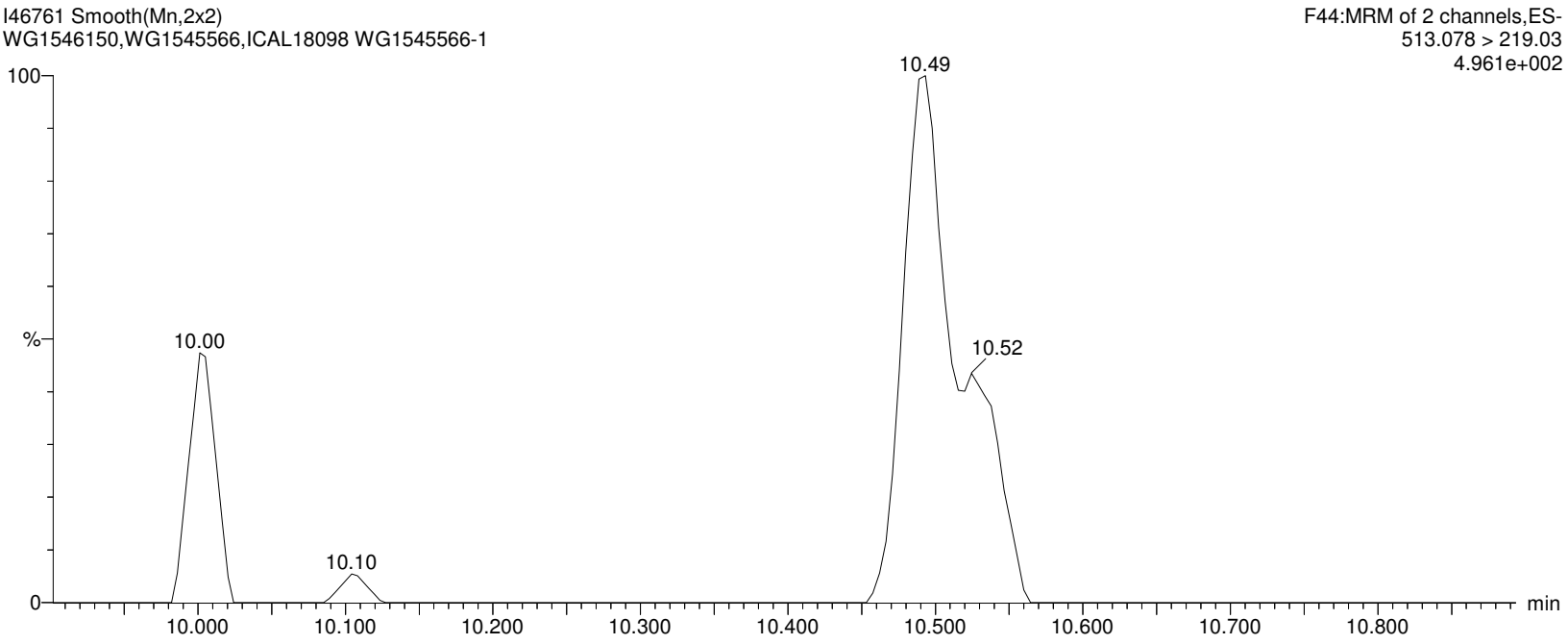
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 14:41:47 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 14:42:00 Eastern Daylight Time

Name: I46761
ID: WG1545566-1
Date: 15-Sep-2021
Time: 04:19:31
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDA



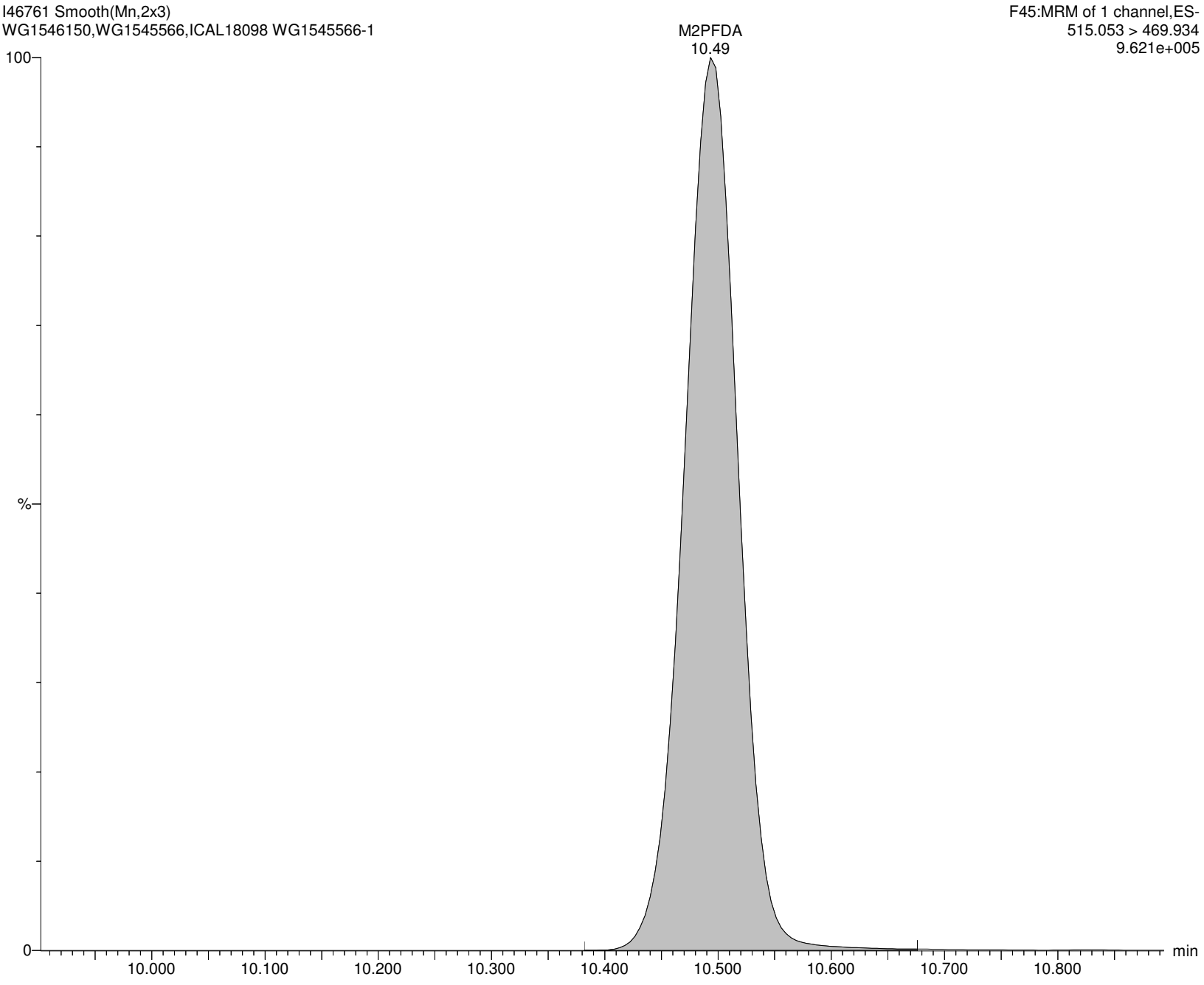


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 14:41:47 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 14:42:00 Eastern Daylight Time

Name: I46761
ID: WG1545566-1
Date: 15-Sep-2021
Time: 04:19:31
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFDA

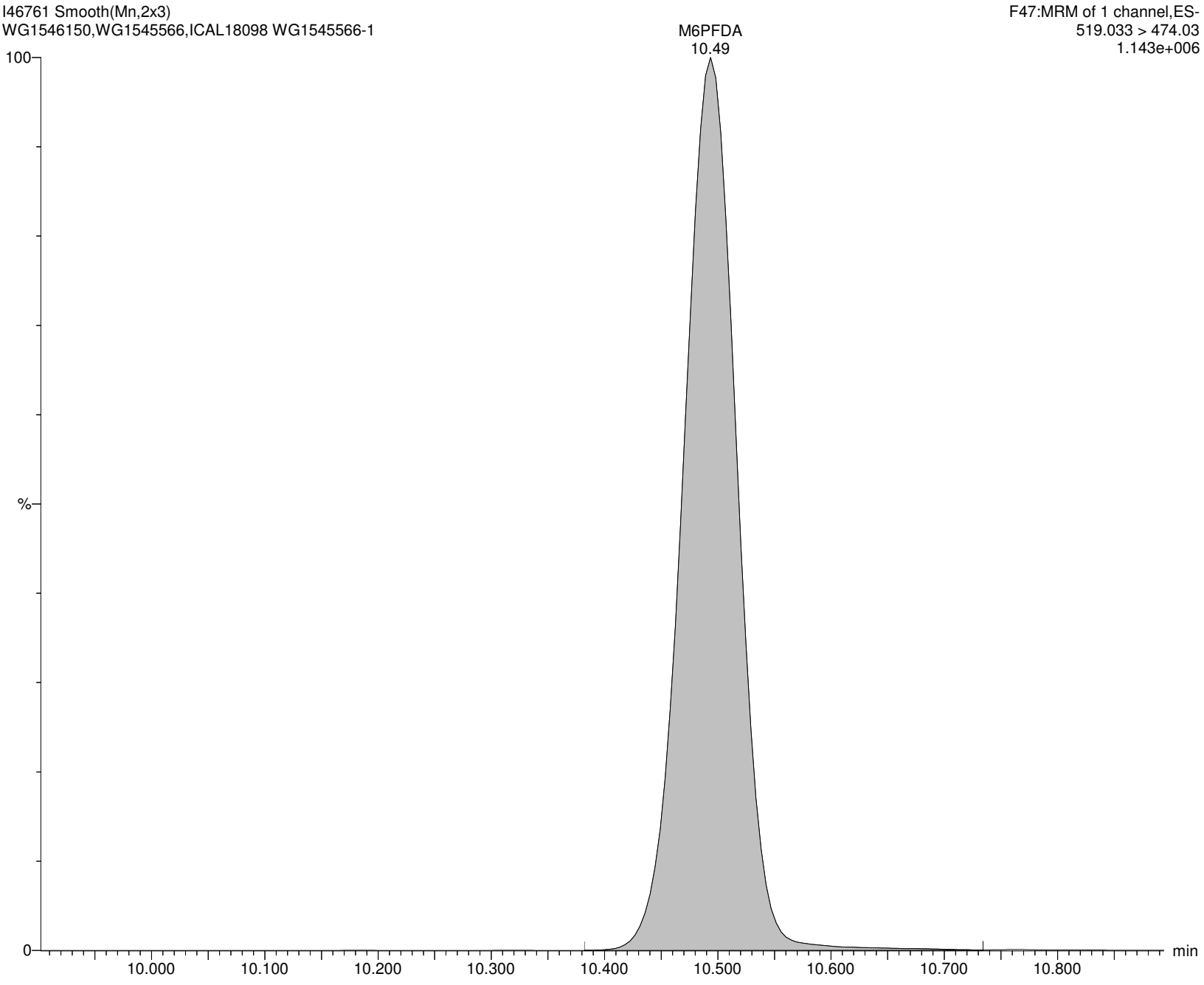


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 14:41:47 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 14:42:00 Eastern Daylight Time

Name: I46761
ID: WG1545566-1
Date: 15-Sep-2021
Time: 04:19:31
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M6PFDA

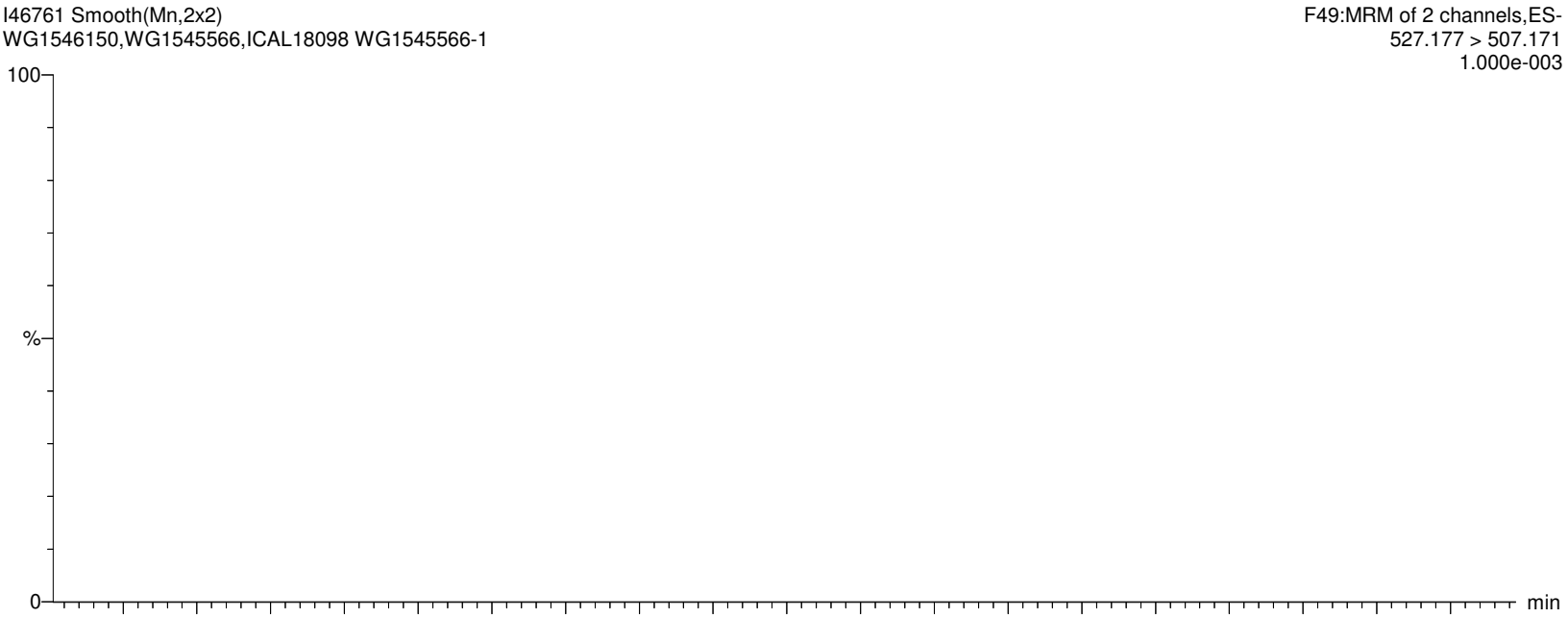


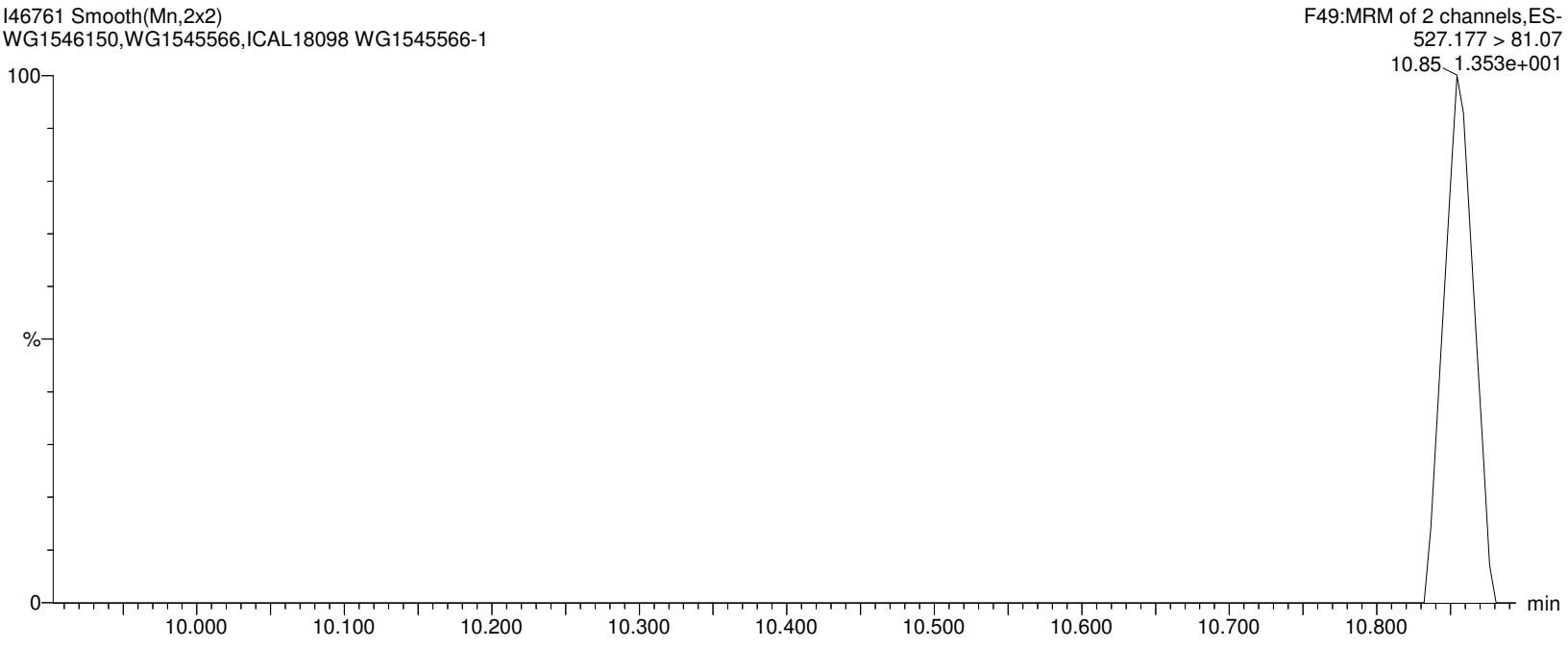
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 14:41:47 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 14:42:00 Eastern Daylight Time

Name: I46761
ID: WG1545566-1
Date: 15-Sep-2021
Time: 04:19:31
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

8:2FTS



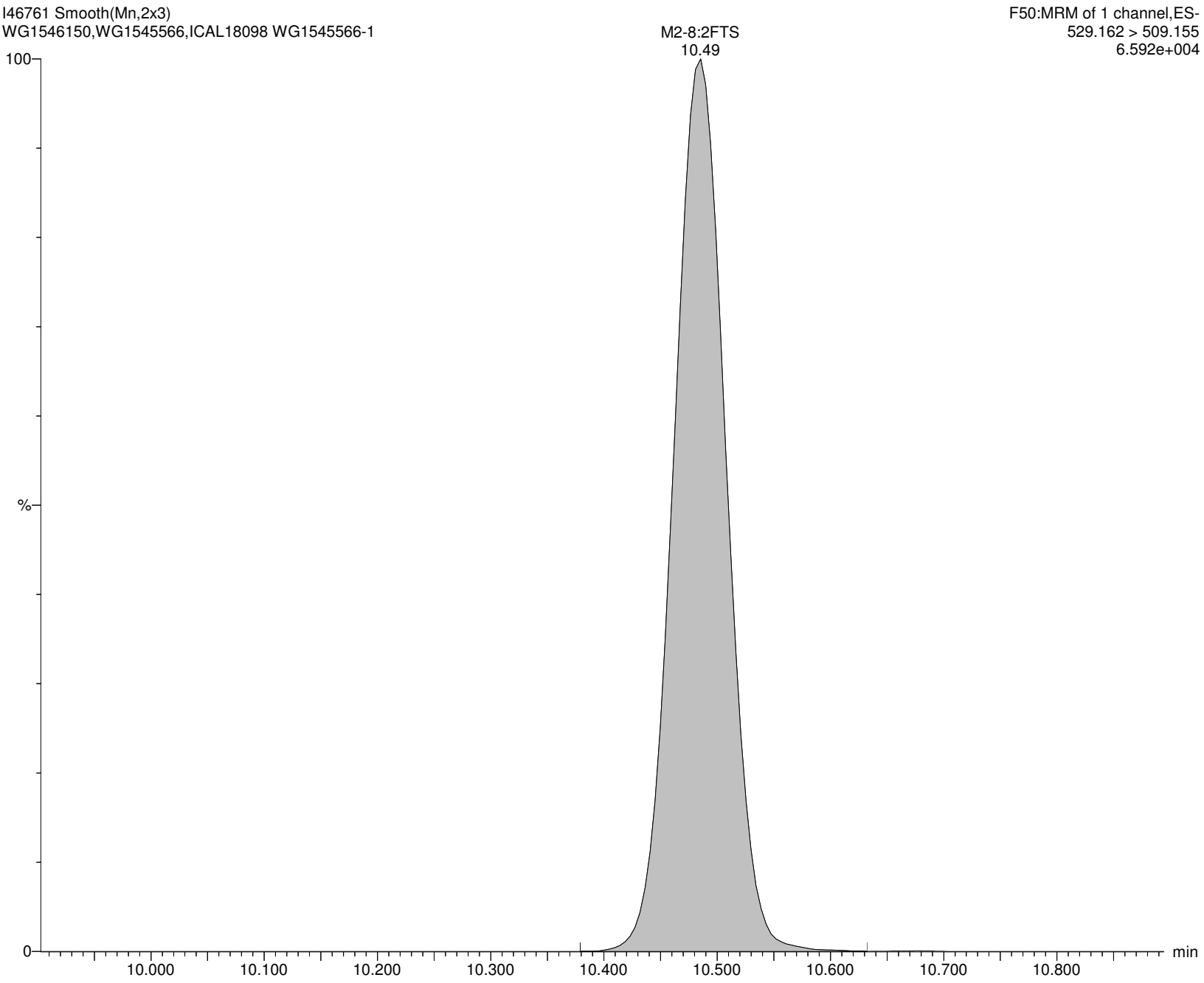


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 14:41:47 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 14:42:00 Eastern Daylight Time

Name: I46761
ID: WG1545566-1
Date: 15-Sep-2021
Time: 04:19:31
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-8:2FTS

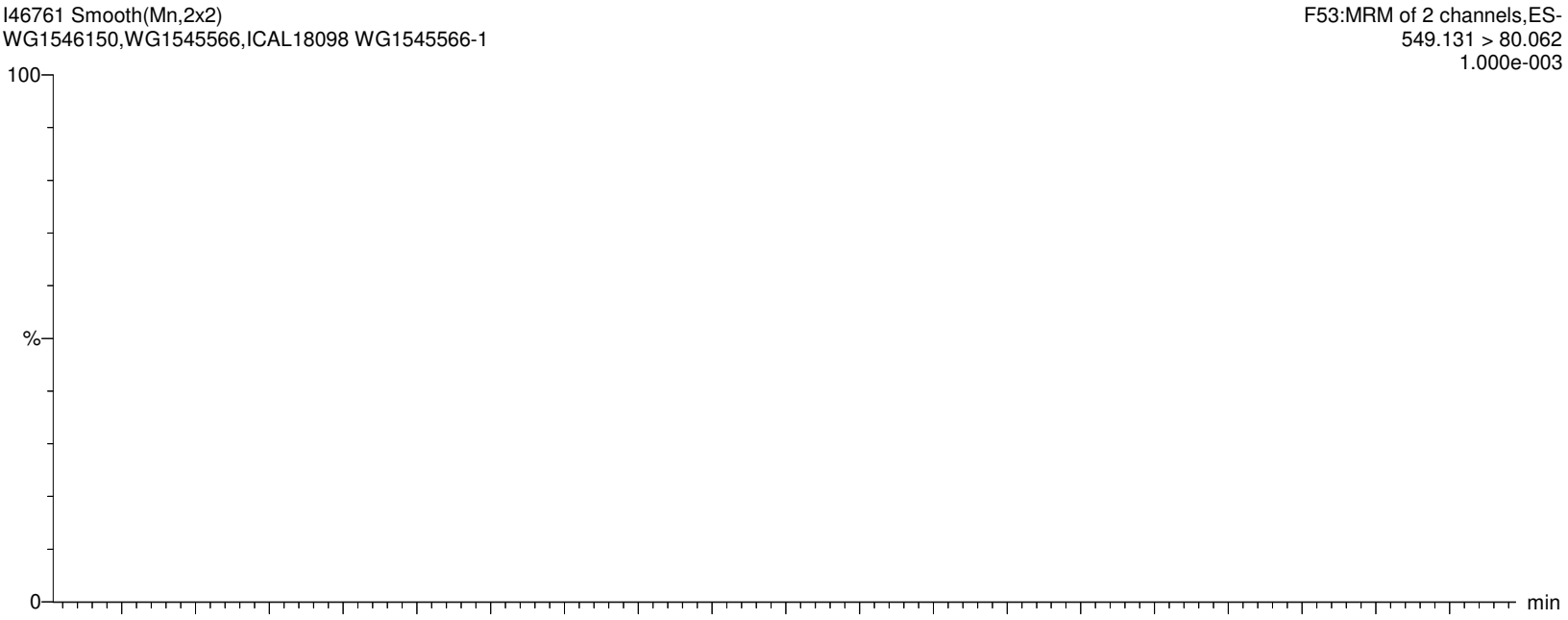


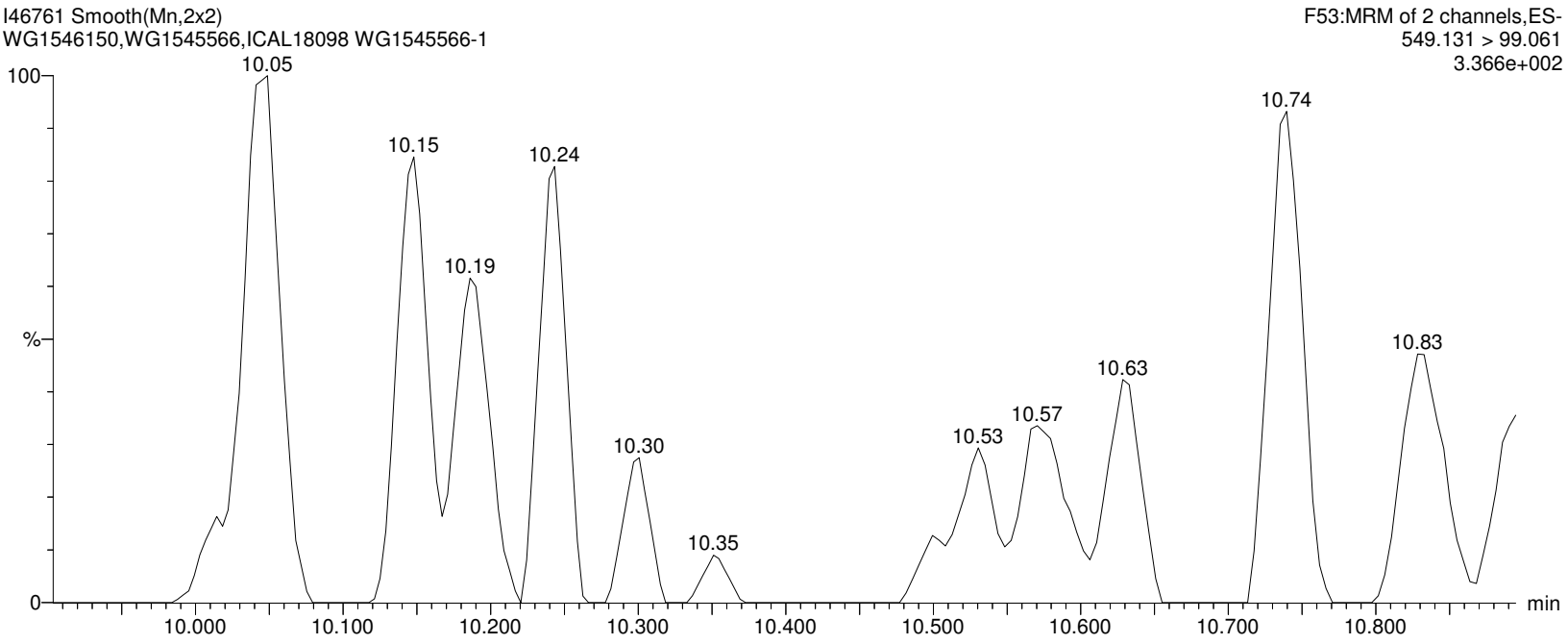
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 14:41:47 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 14:42:00 Eastern Daylight Time

Name: I46761
ID: WG1545566-1
Date: 15-Sep-2021
Time: 04:19:31
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNS



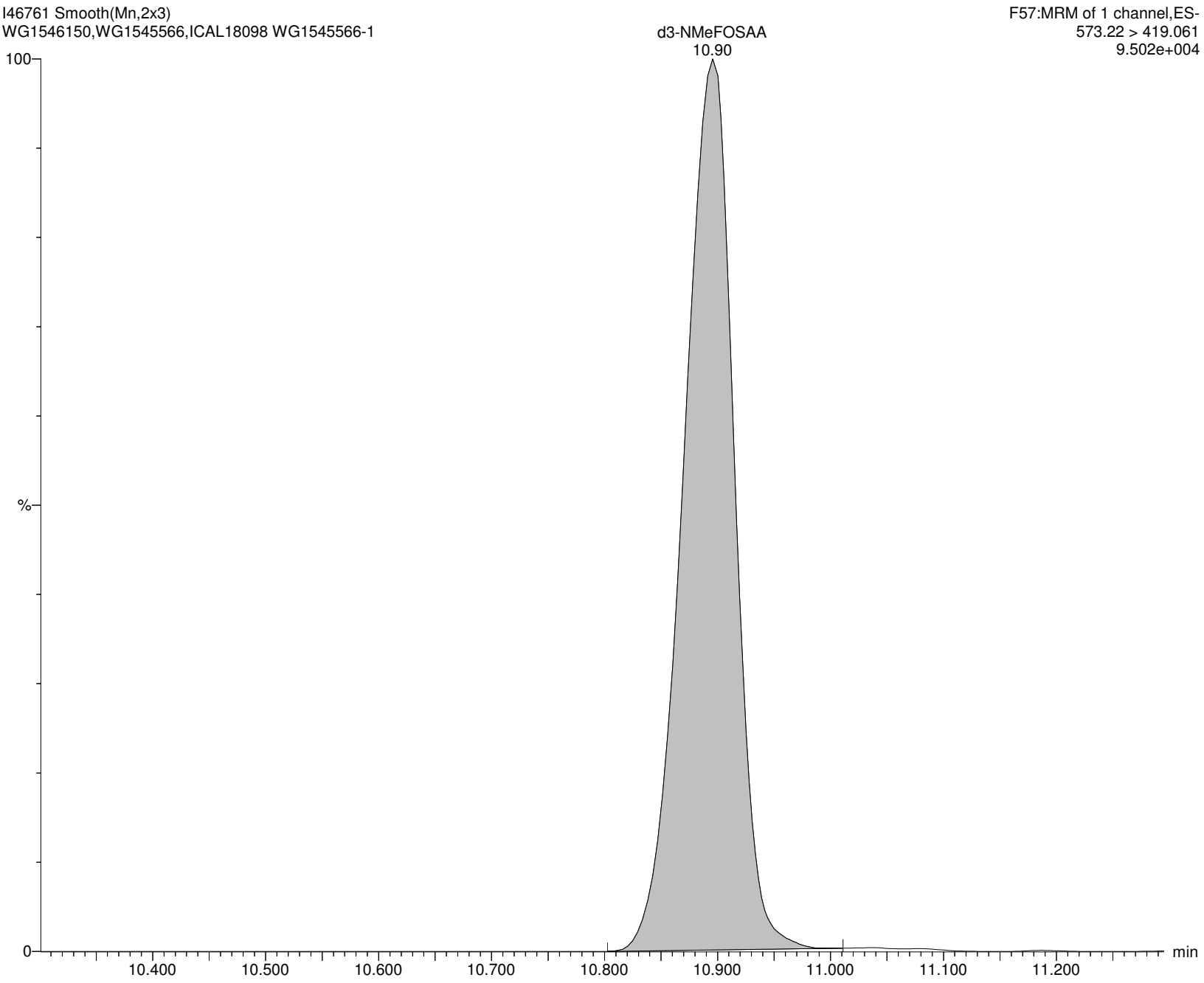


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 14:41:47 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 14:42:00 Eastern Daylight Time

Name: I46761
ID: WG1545566-1
Date: 15-Sep-2021
Time: 04:19:31
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSAA

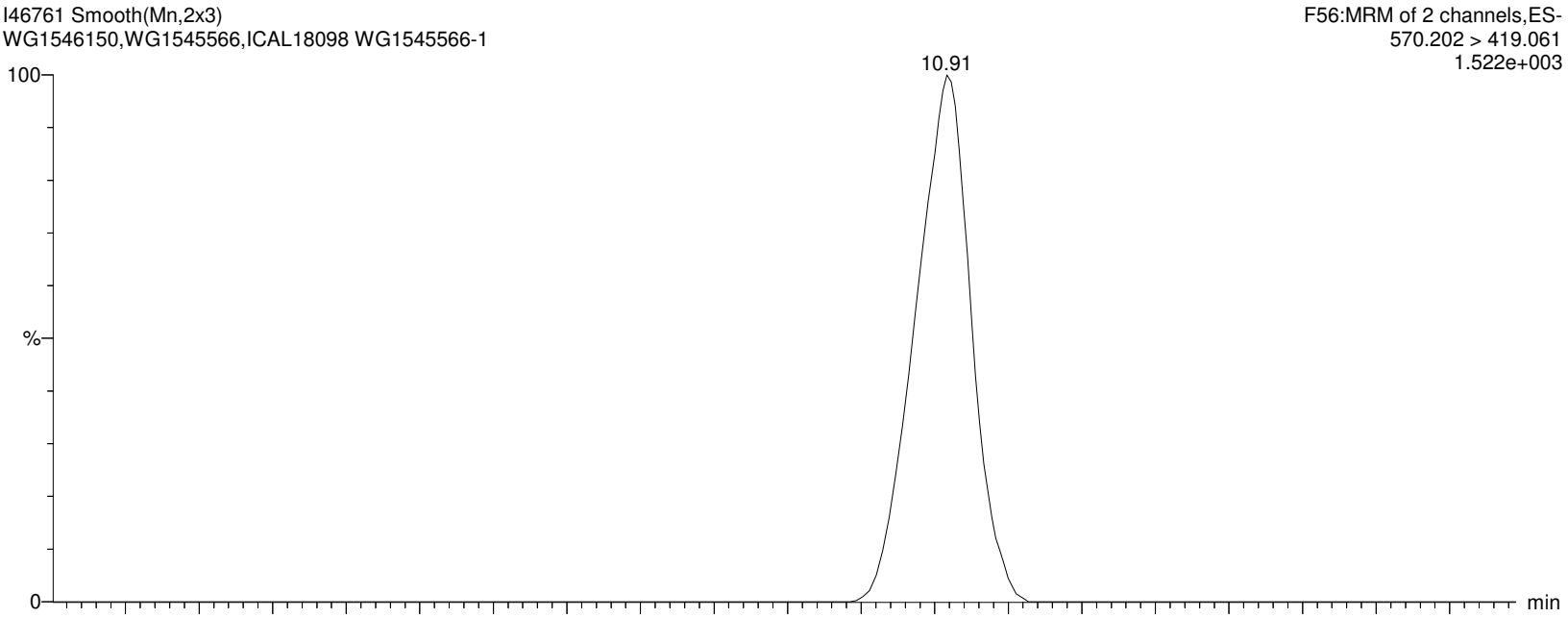


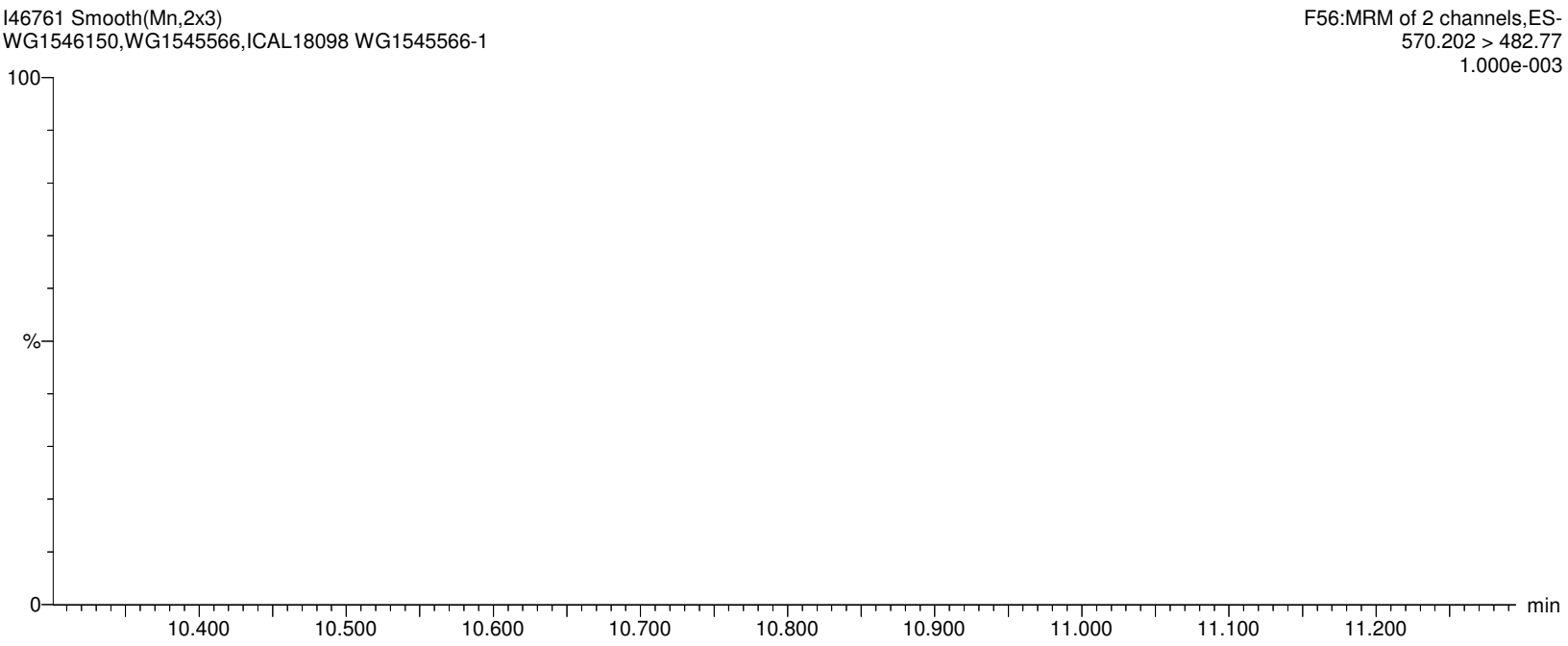
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 14:41:47 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 14:42:00 Eastern Daylight Time

Name: I46761
ID: WG1545566-1
Date: 15-Sep-2021
Time: 04:19:31
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NMeFOSAA



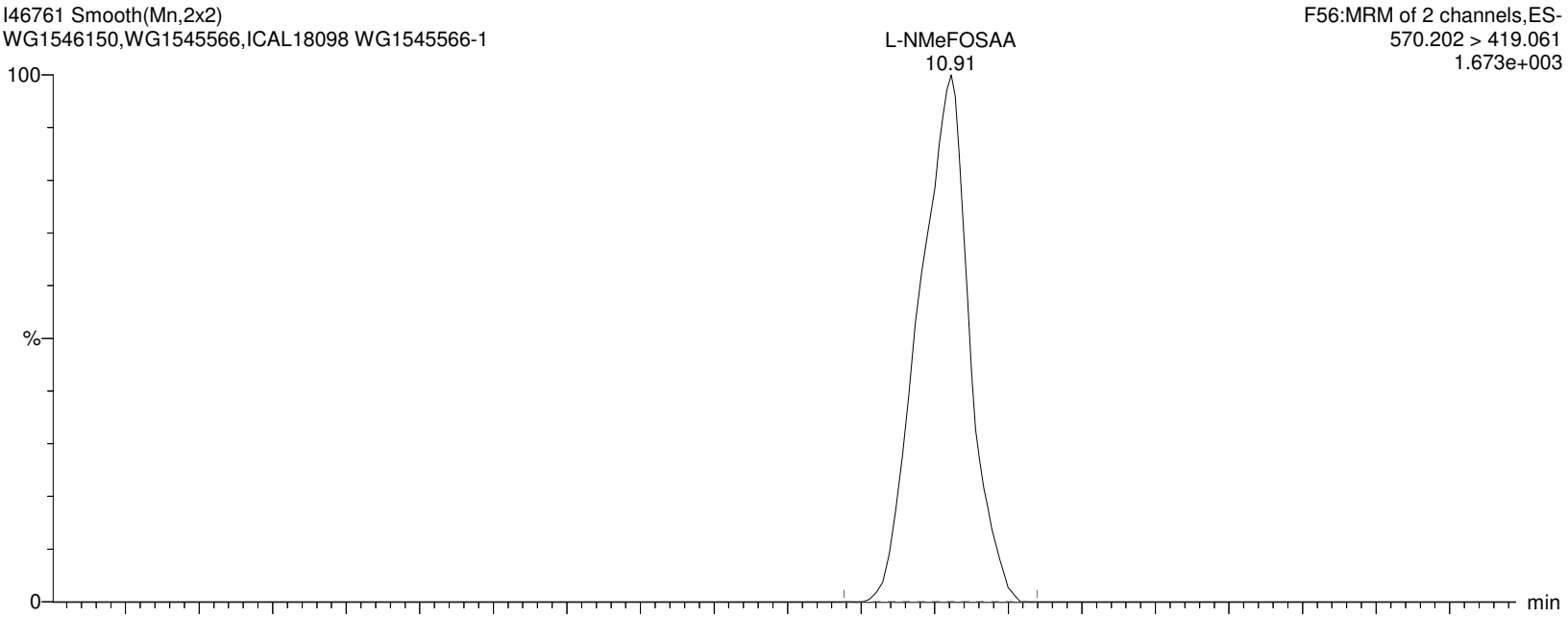


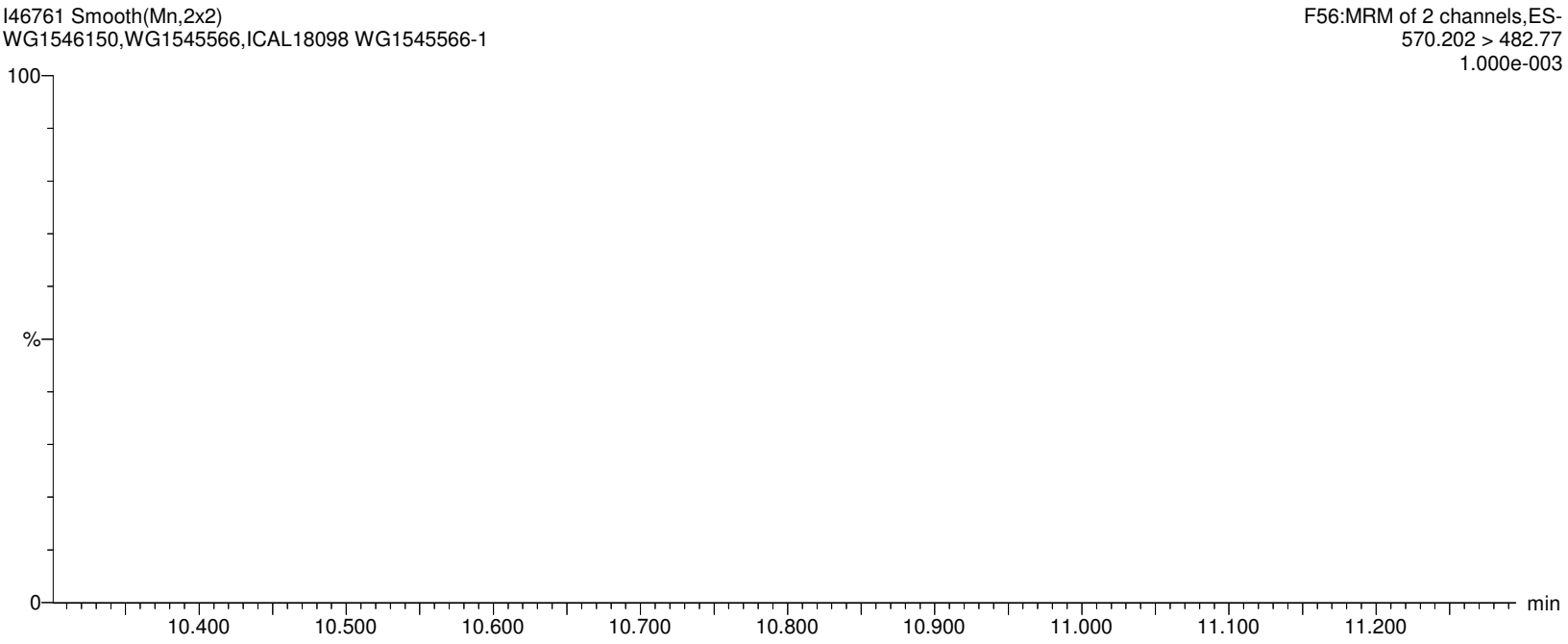
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 14:41:47 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 14:42:00 Eastern Daylight Time

Name: I46761
ID: WG1545566-1
Date: 15-Sep-2021
Time: 04:19:31
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NMeFOSAA



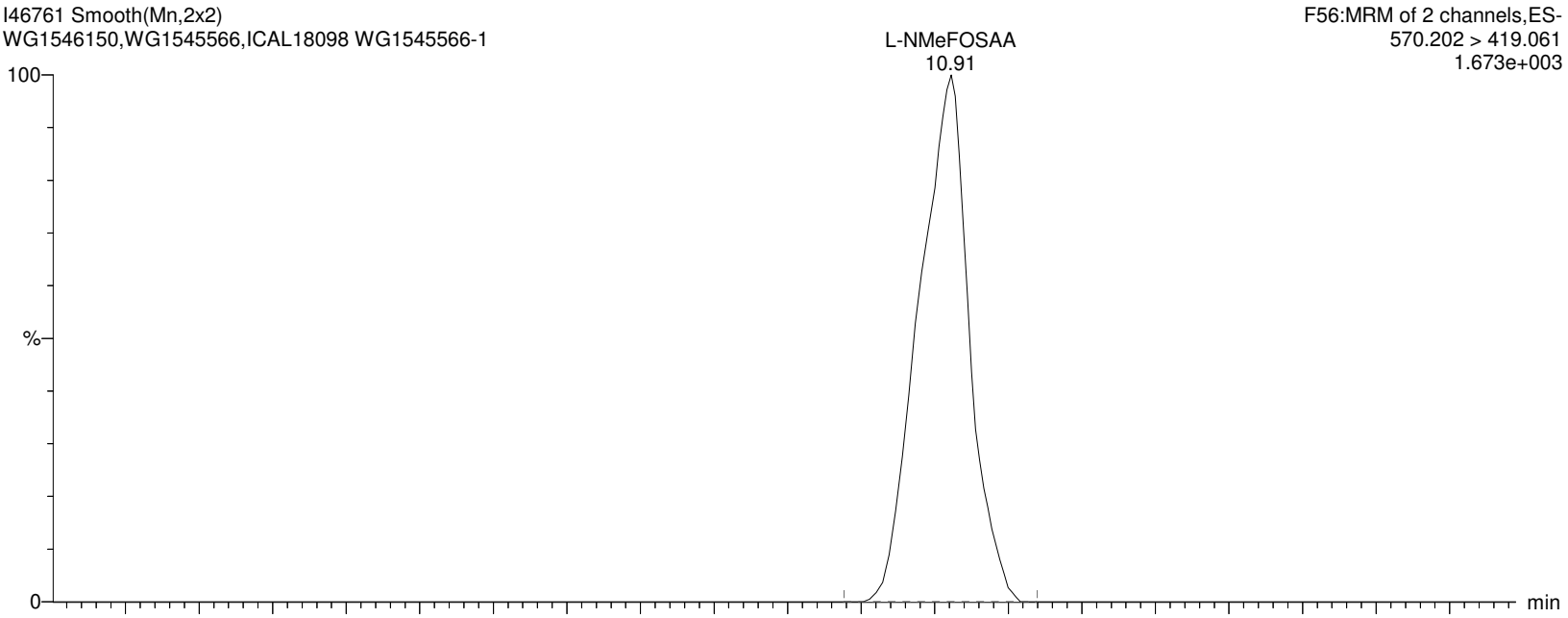


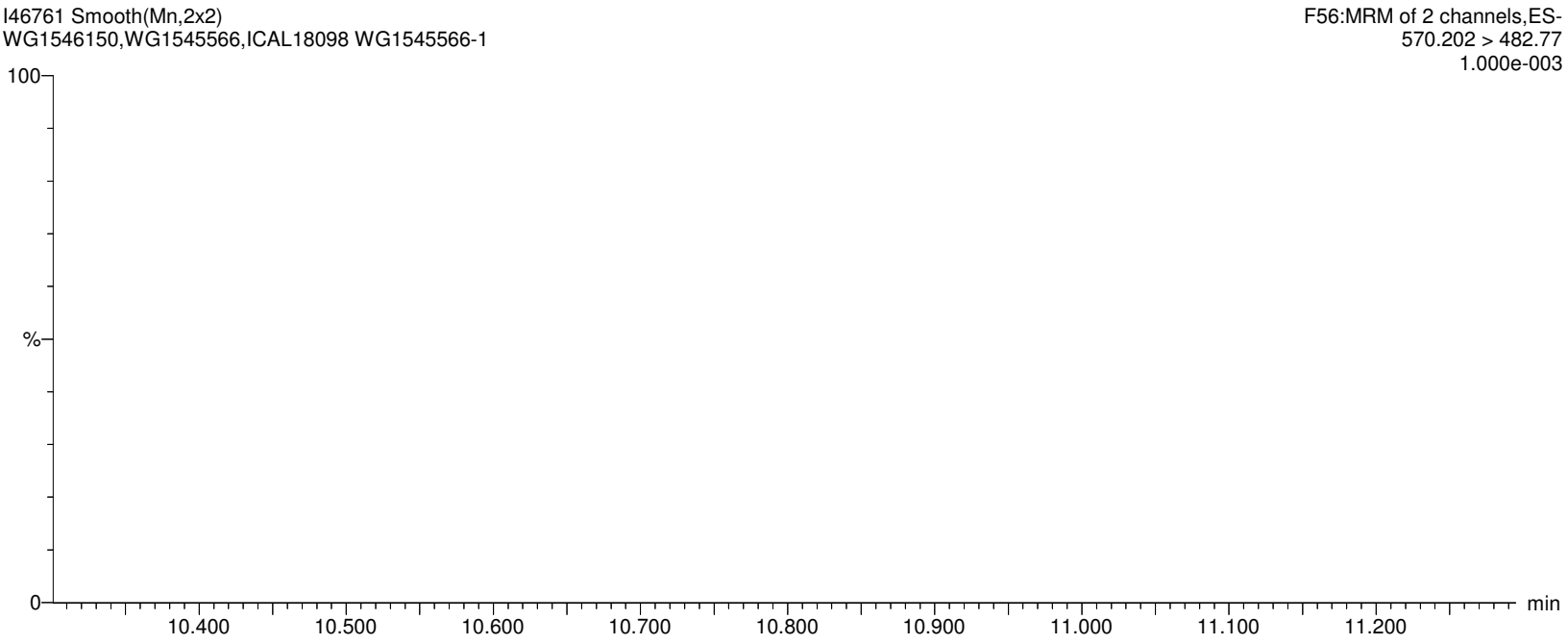
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 14:41:47 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 14:42:00 Eastern Daylight Time

Name: I46761
ID: WG1545566-1
Date: 15-Sep-2021
Time: 04:19:31
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSAA



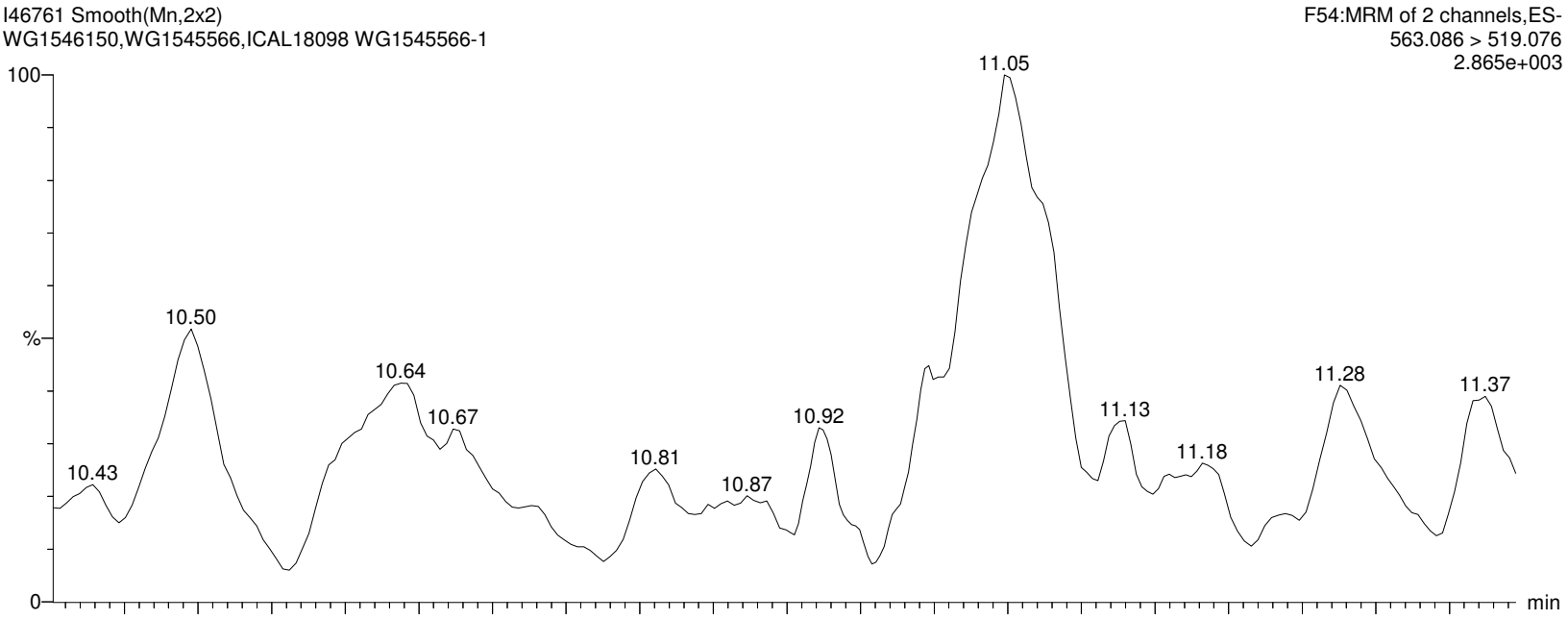


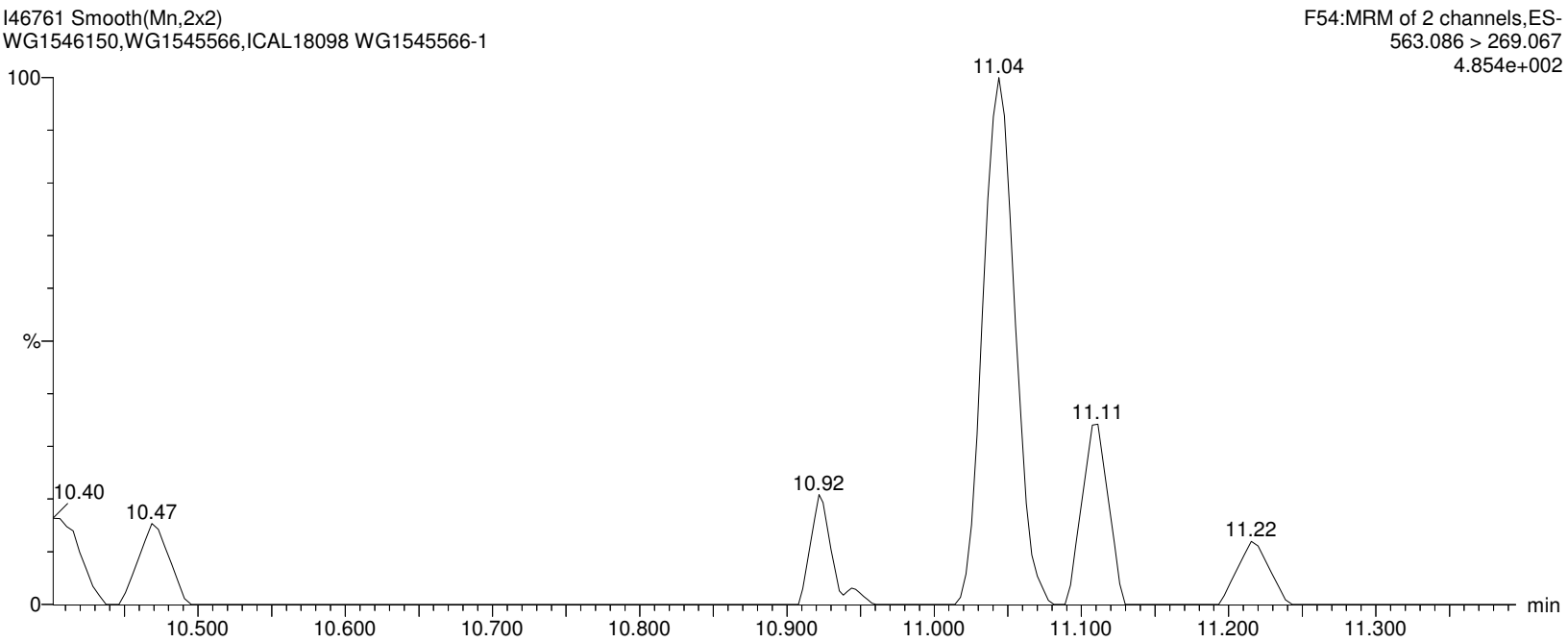
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 14:41:47 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 14:42:00 Eastern Daylight Time

Name: I46761
ID: WG1545566-1
Date: 15-Sep-2021
Time: 04:19:31
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFUnA



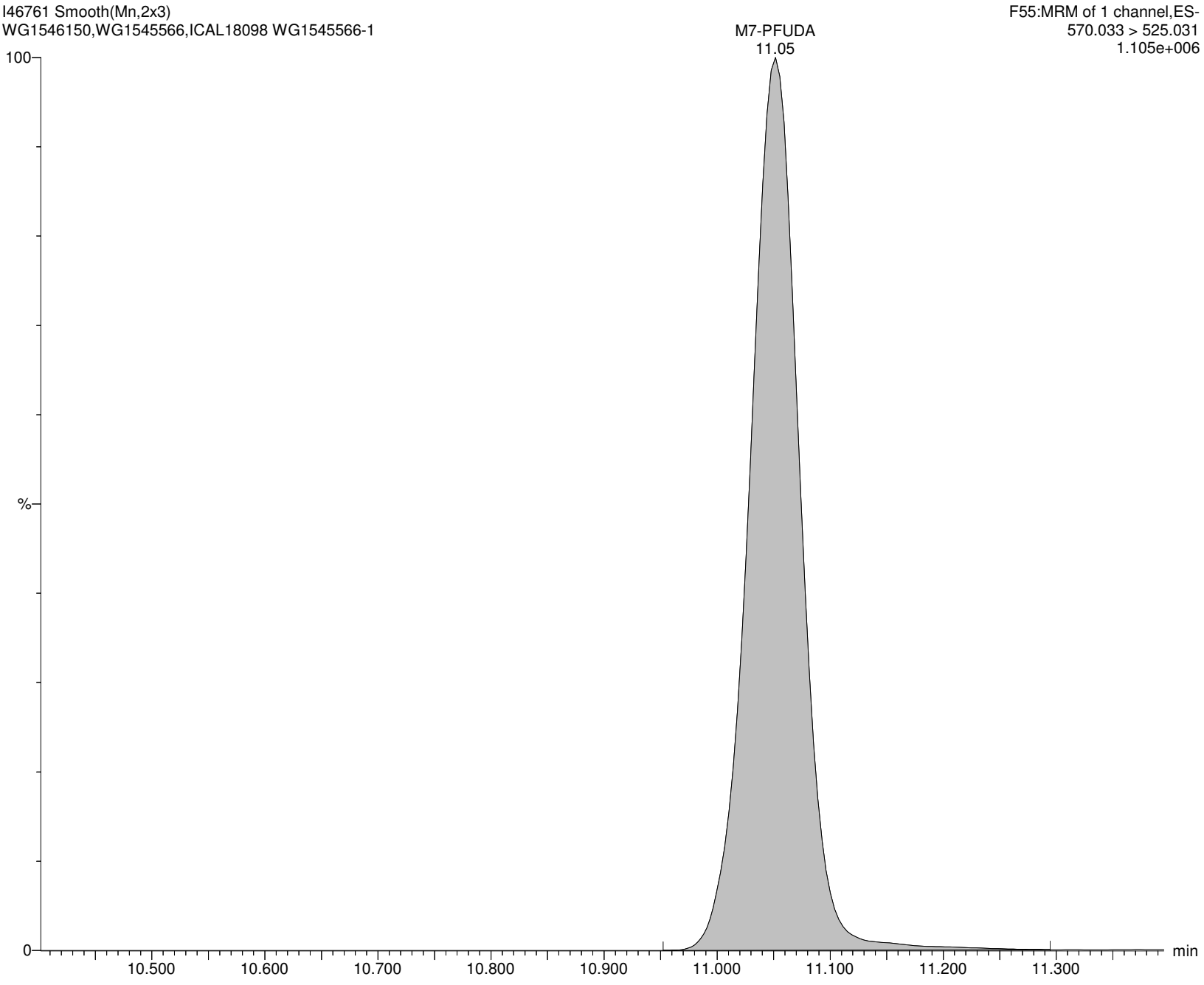


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 14:41:47 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 14:42:00 Eastern Daylight Time

Name: I46761
ID: WG1545566-1
Date: 15-Sep-2021
Time: 04:19:31
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M7-PFUDA

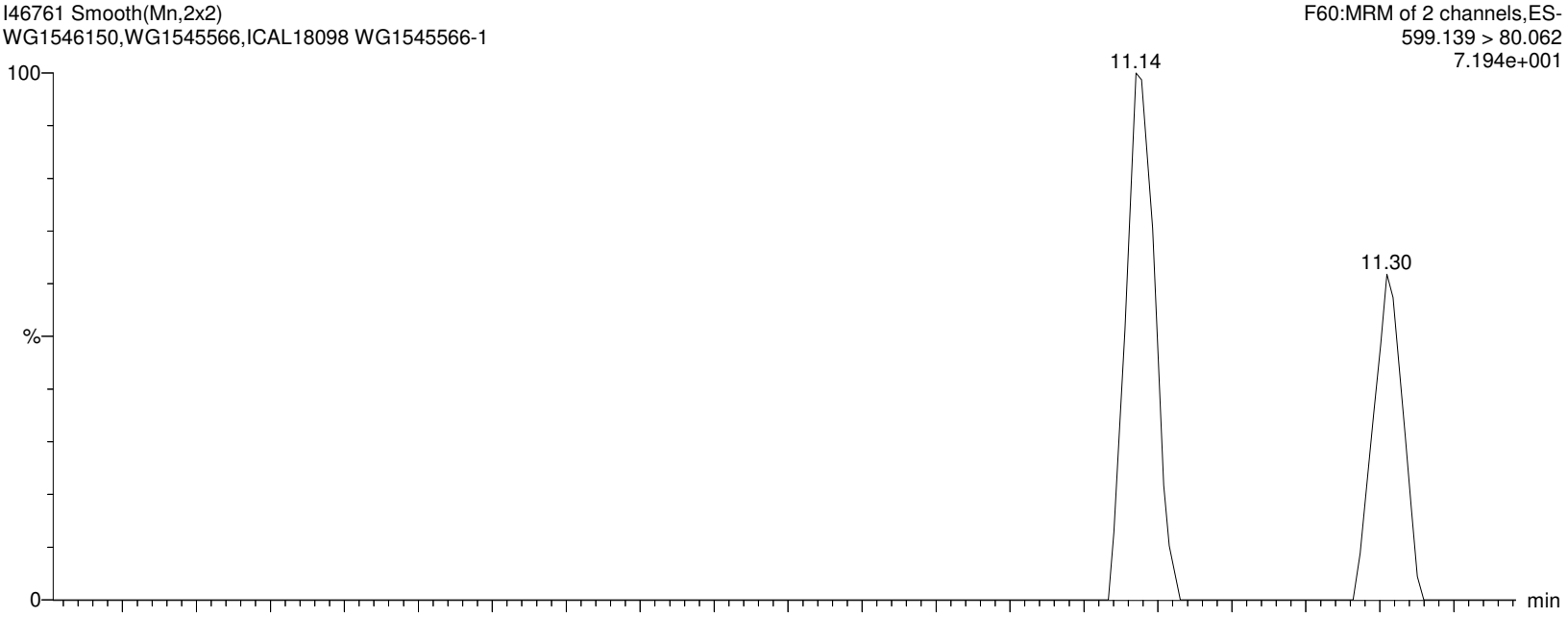


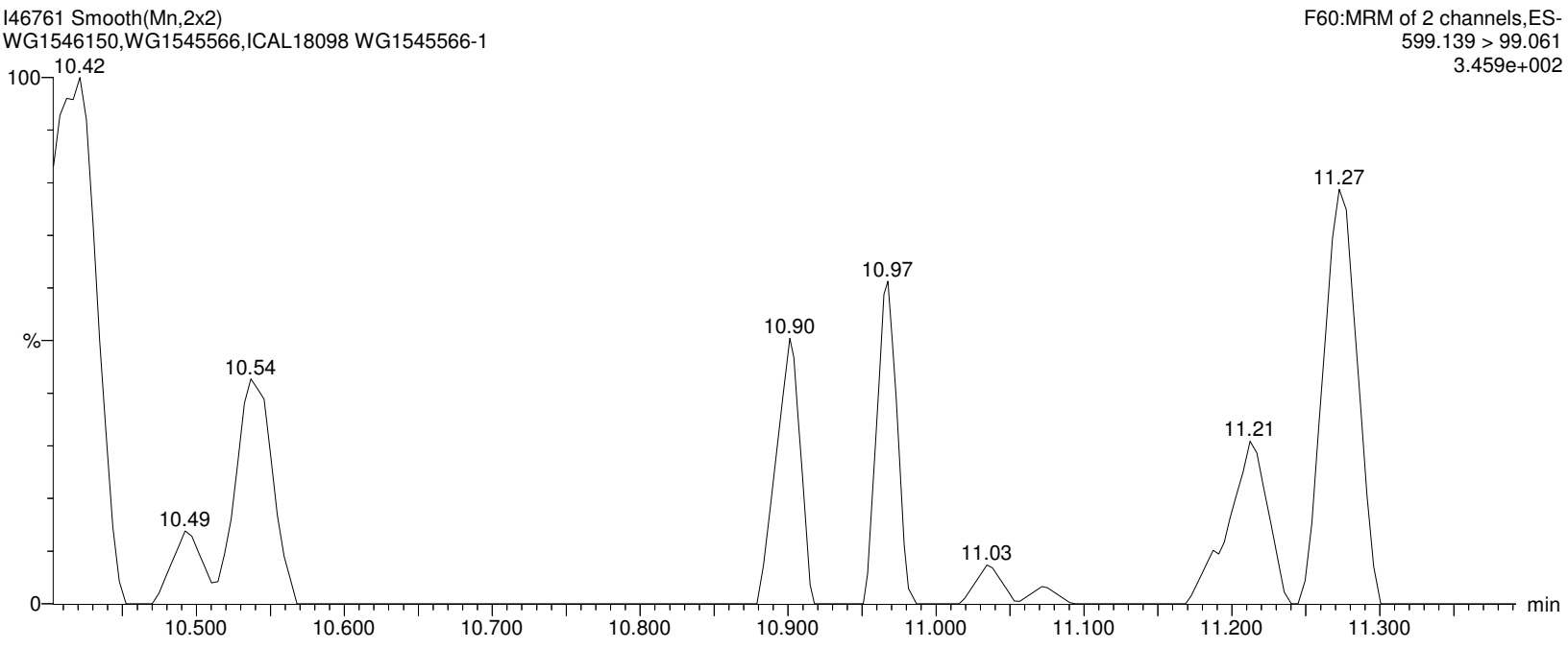
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 14:41:47 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 14:42:00 Eastern Daylight Time

Name: I46761
ID: WG1545566-1
Date: 15-Sep-2021
Time: 04:19:31
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDS



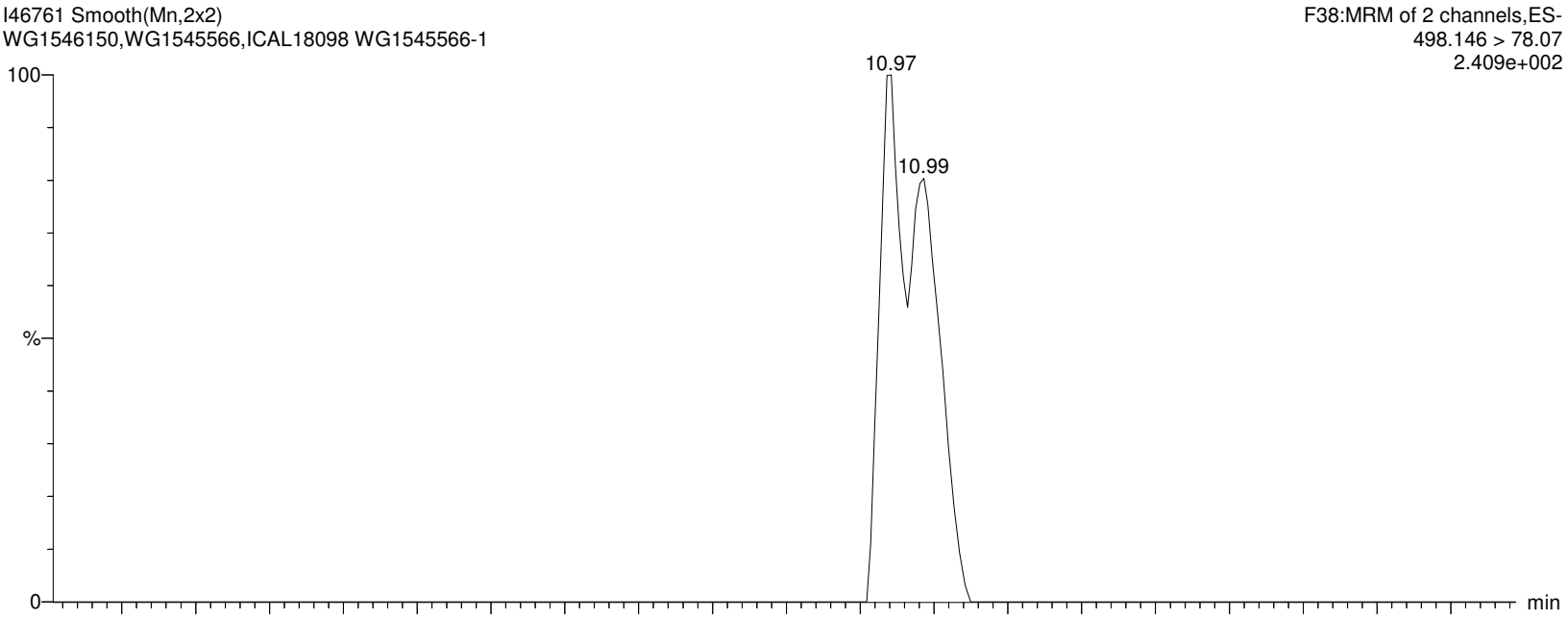


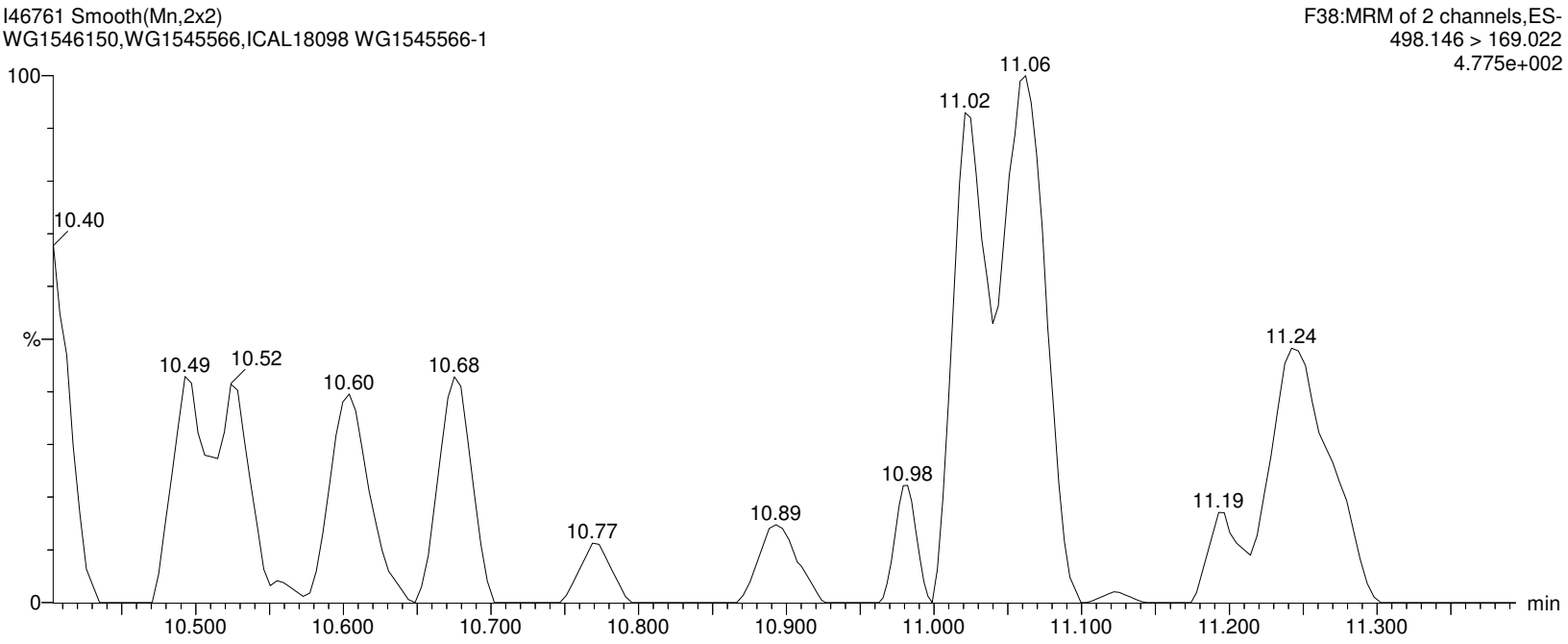
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 14:41:47 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 14:42:00 Eastern Daylight Time

Name: I46761
ID: WG1545566-1
Date: 15-Sep-2021
Time: 04:19:31
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

FOSA



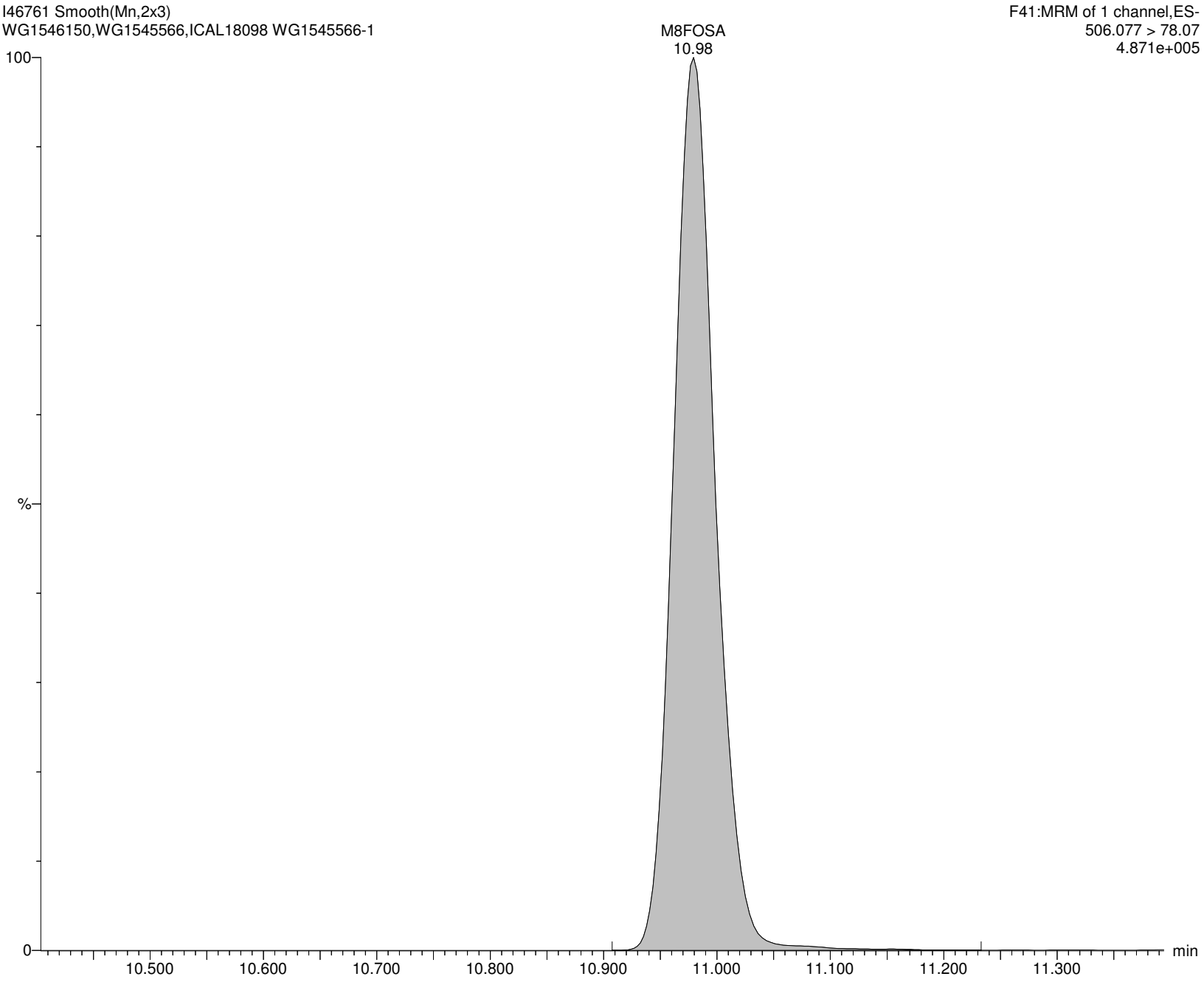


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 14:41:47 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 14:42:00 Eastern Daylight Time

Name: I46761
ID: WG1545566-1
Date: 15-Sep-2021
Time: 04:19:31
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8FOSA

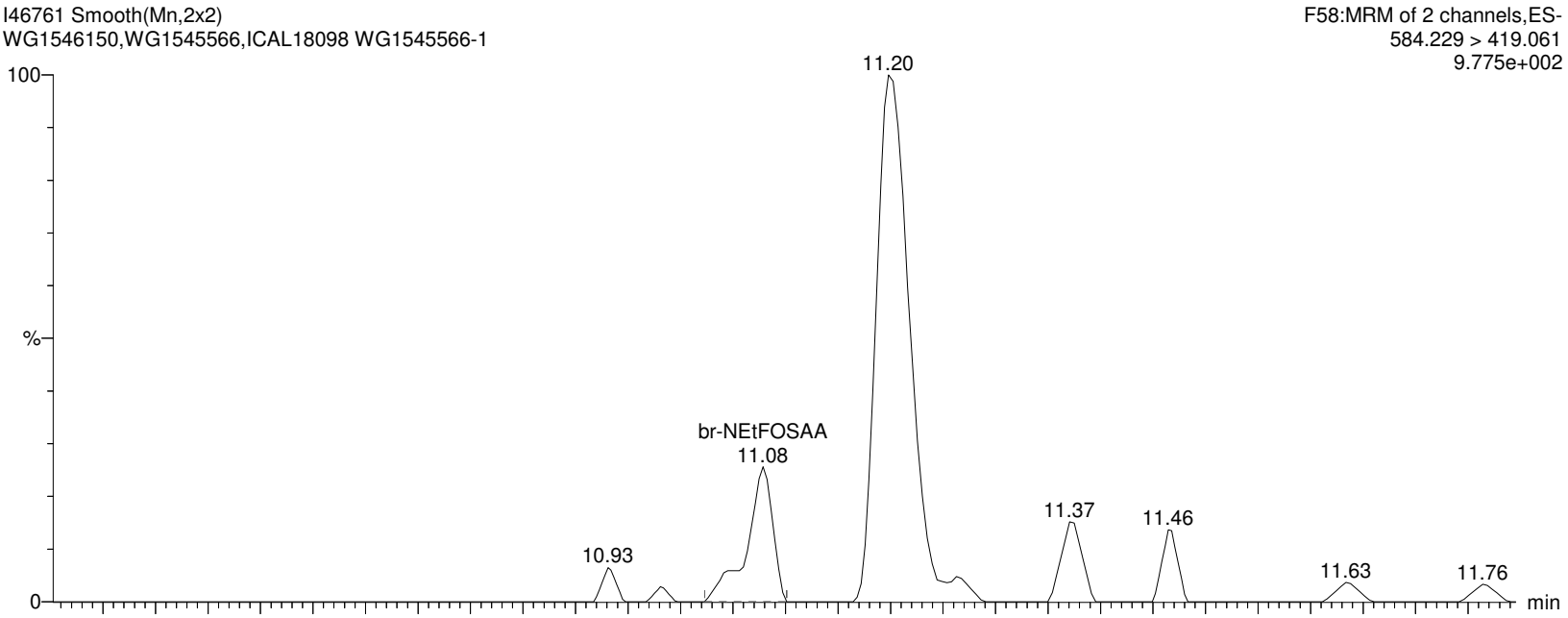


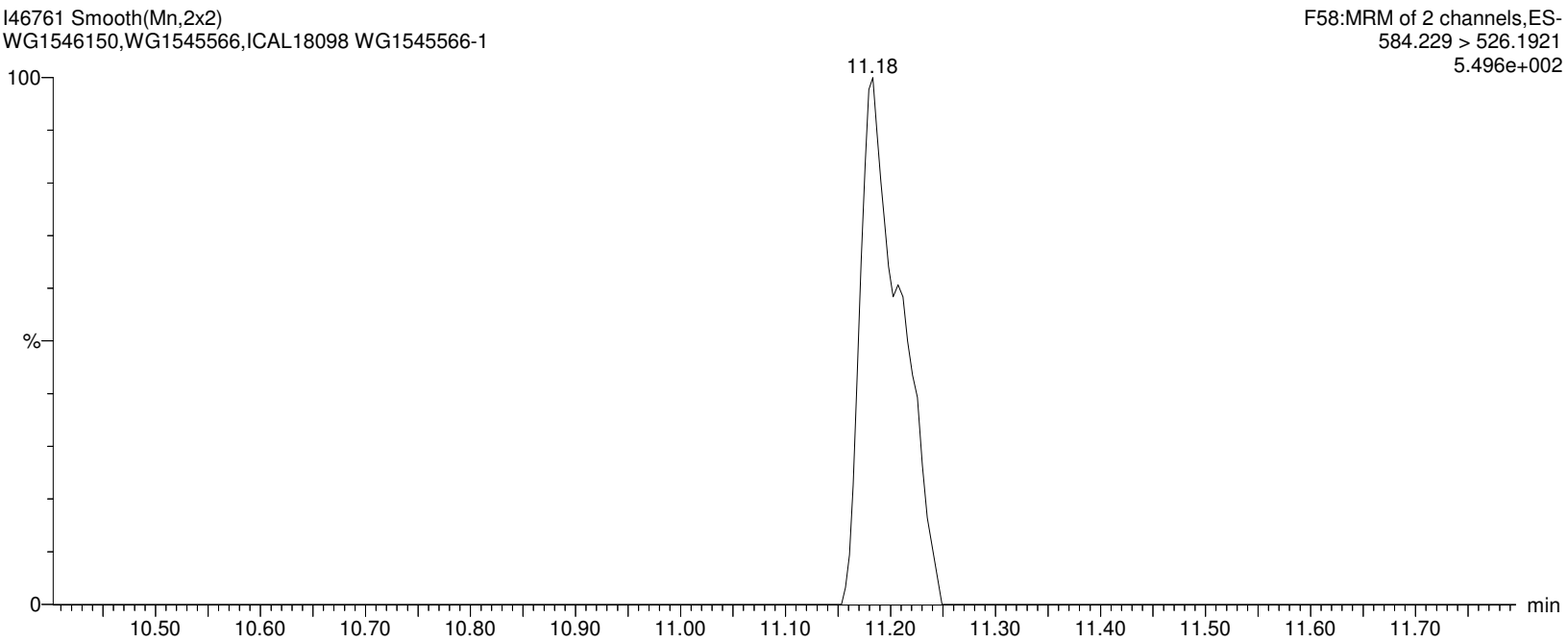
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 14:41:47 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 14:42:00 Eastern Daylight Time

Name: I46761
ID: WG1545566-1
Date: 15-Sep-2021
Time: 04:19:31
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NEtFOSAA



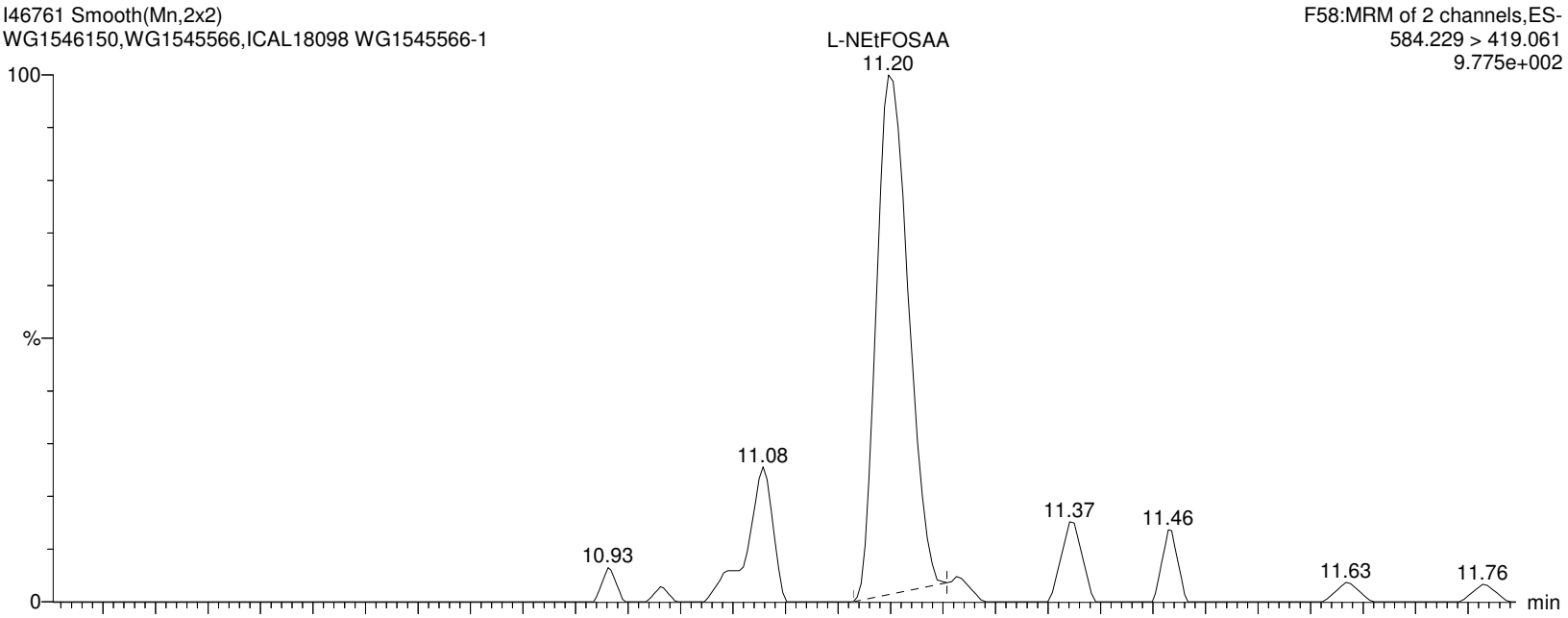


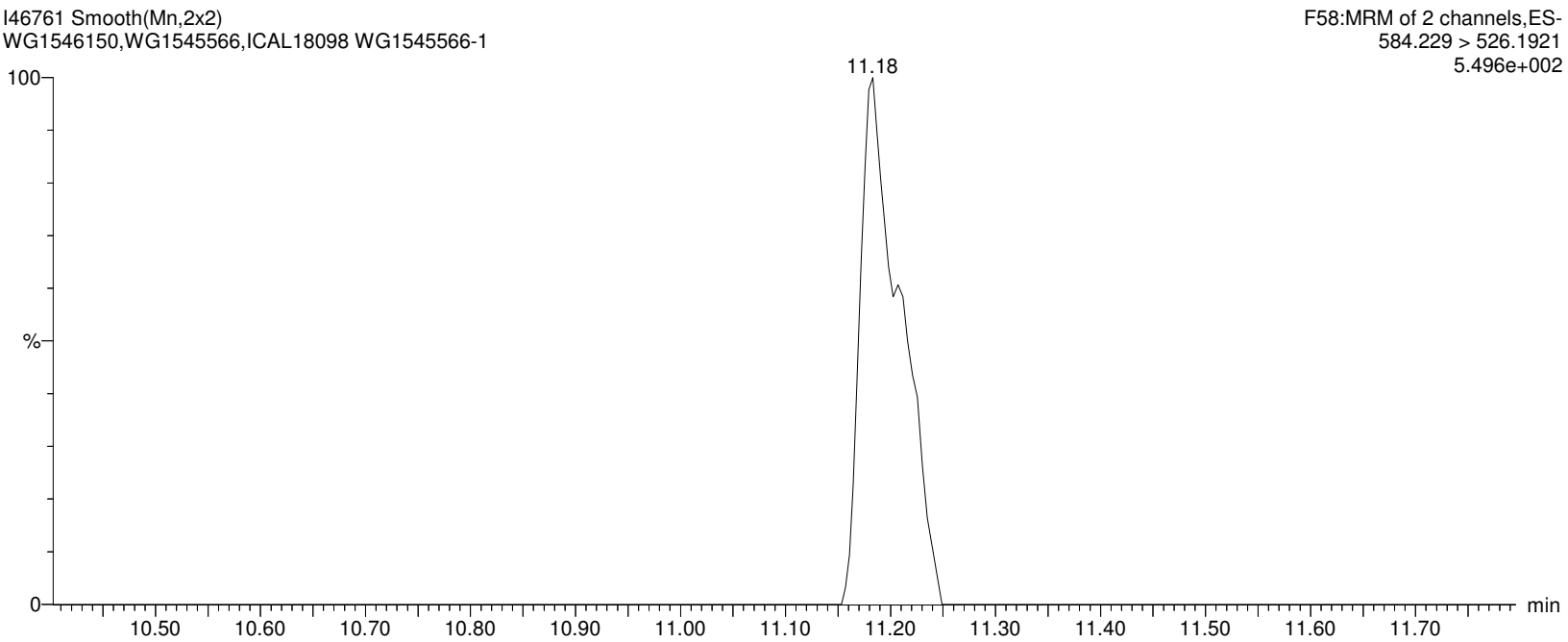
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 14:41:47 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 14:42:00 Eastern Daylight Time

Name: I46761
ID: WG1545566-1
Date: 15-Sep-2021
Time: 04:19:31
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NEtFOSAA



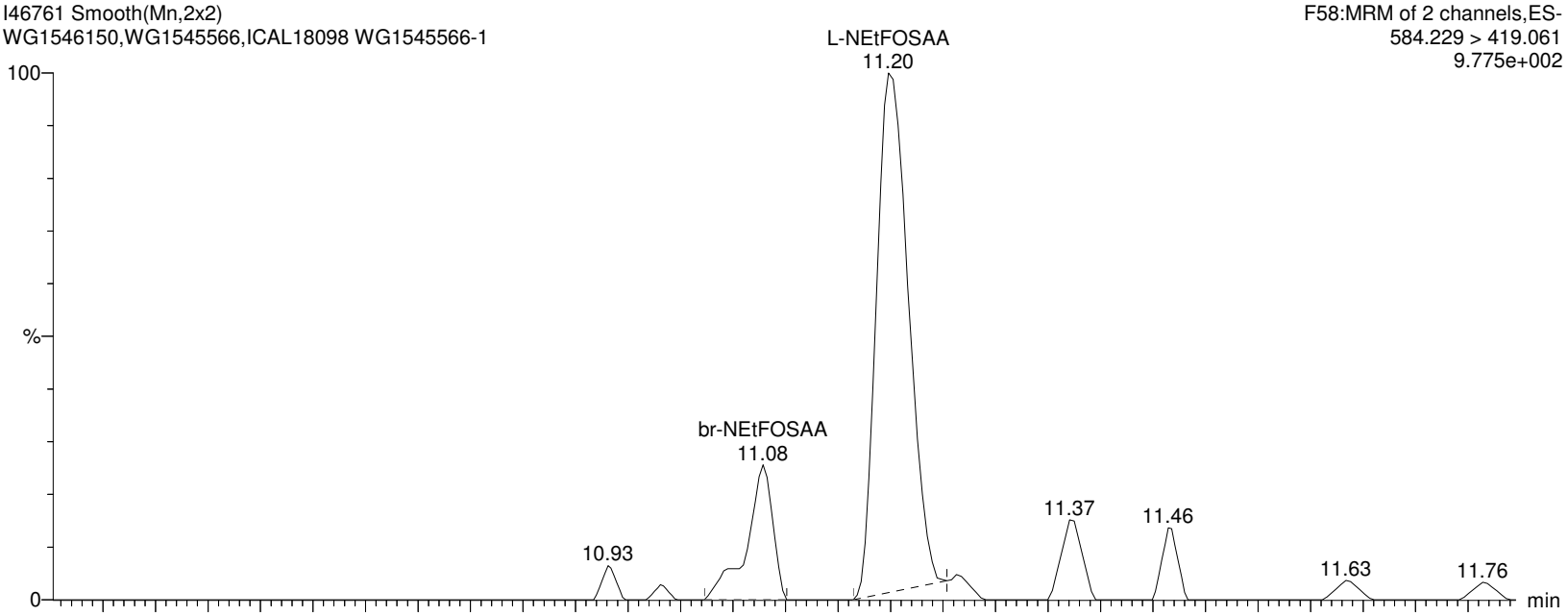


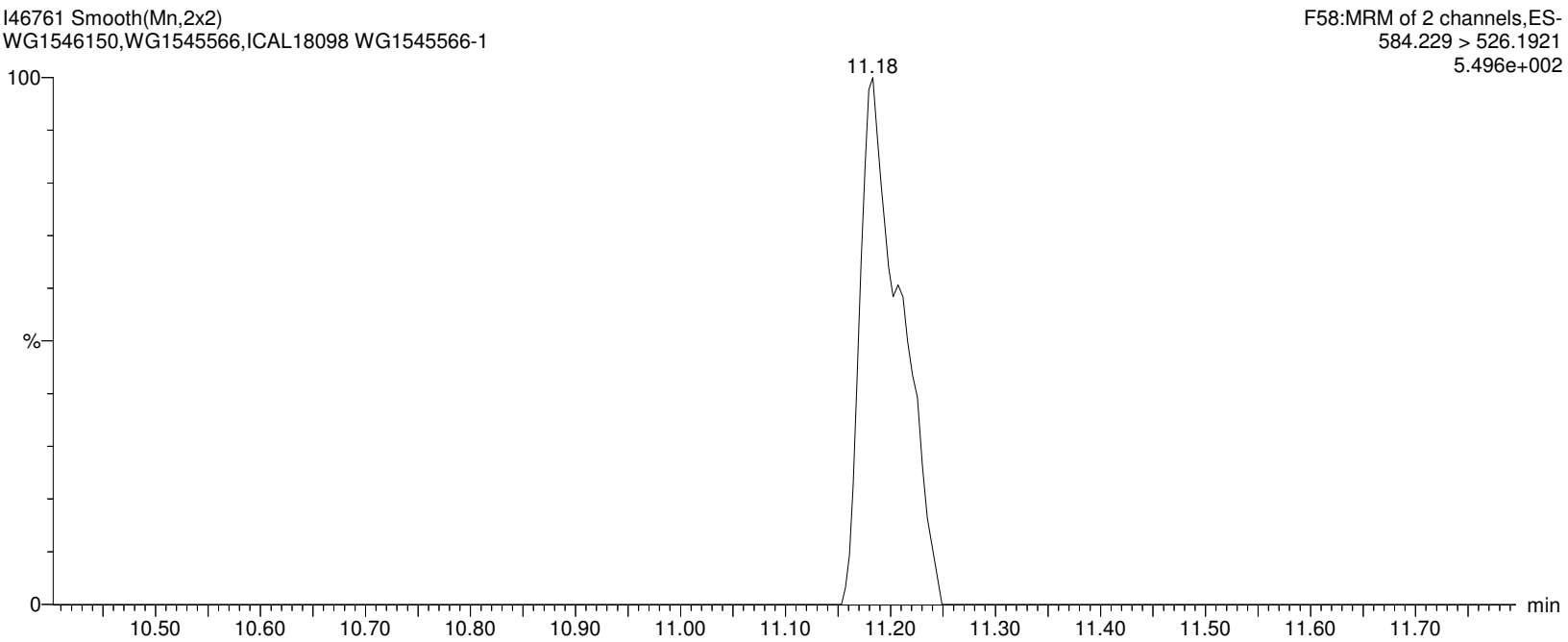
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 14:41:47 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 14:42:00 Eastern Daylight Time

Name: I46761
ID: WG1545566-1
Date: 15-Sep-2021
Time: 04:19:31
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSAA



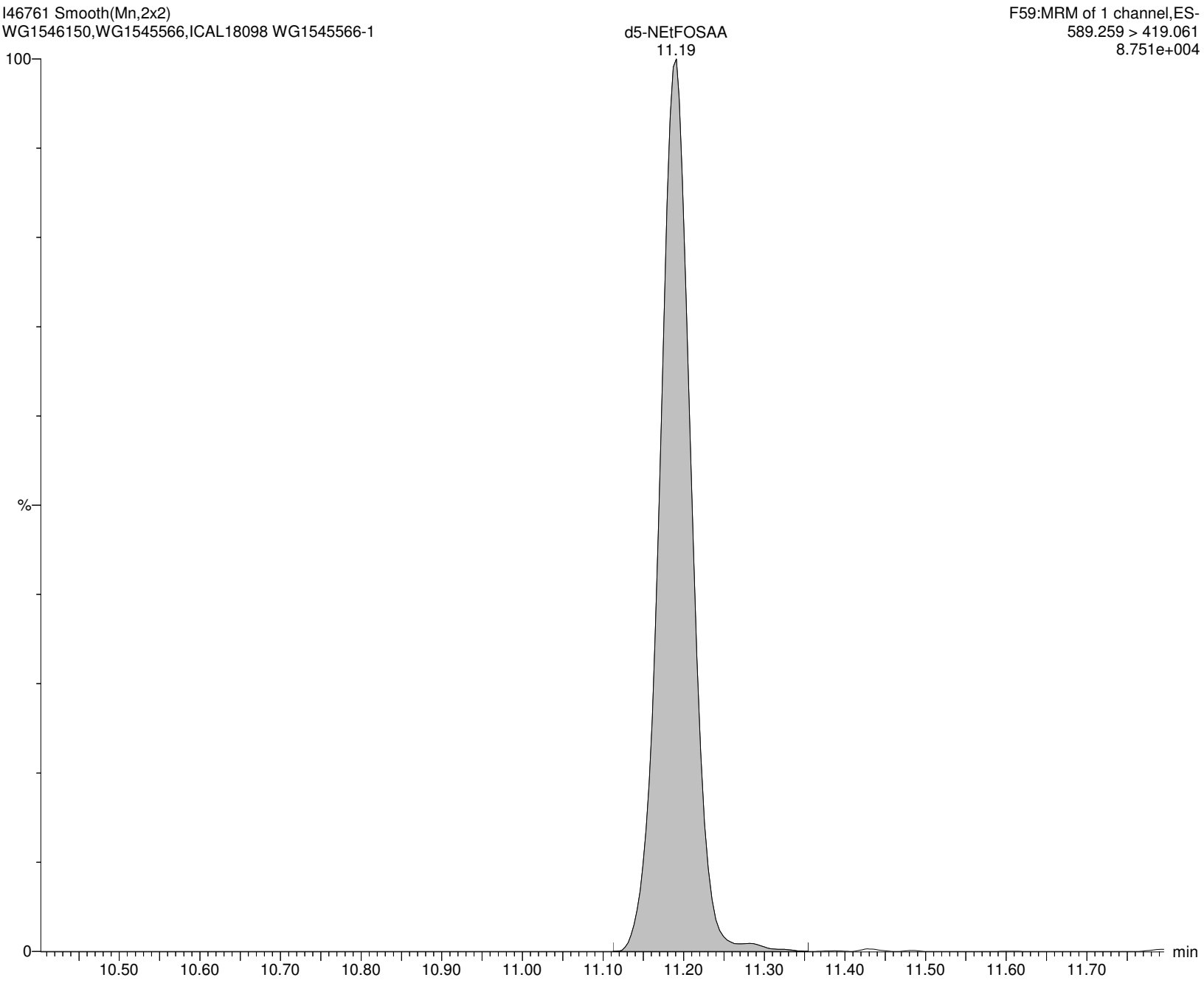


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 14:41:47 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 14:42:00 Eastern Daylight Time

Name: I46761
ID: WG1545566-1
Date: 15-Sep-2021
Time: 04:19:31
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSAA

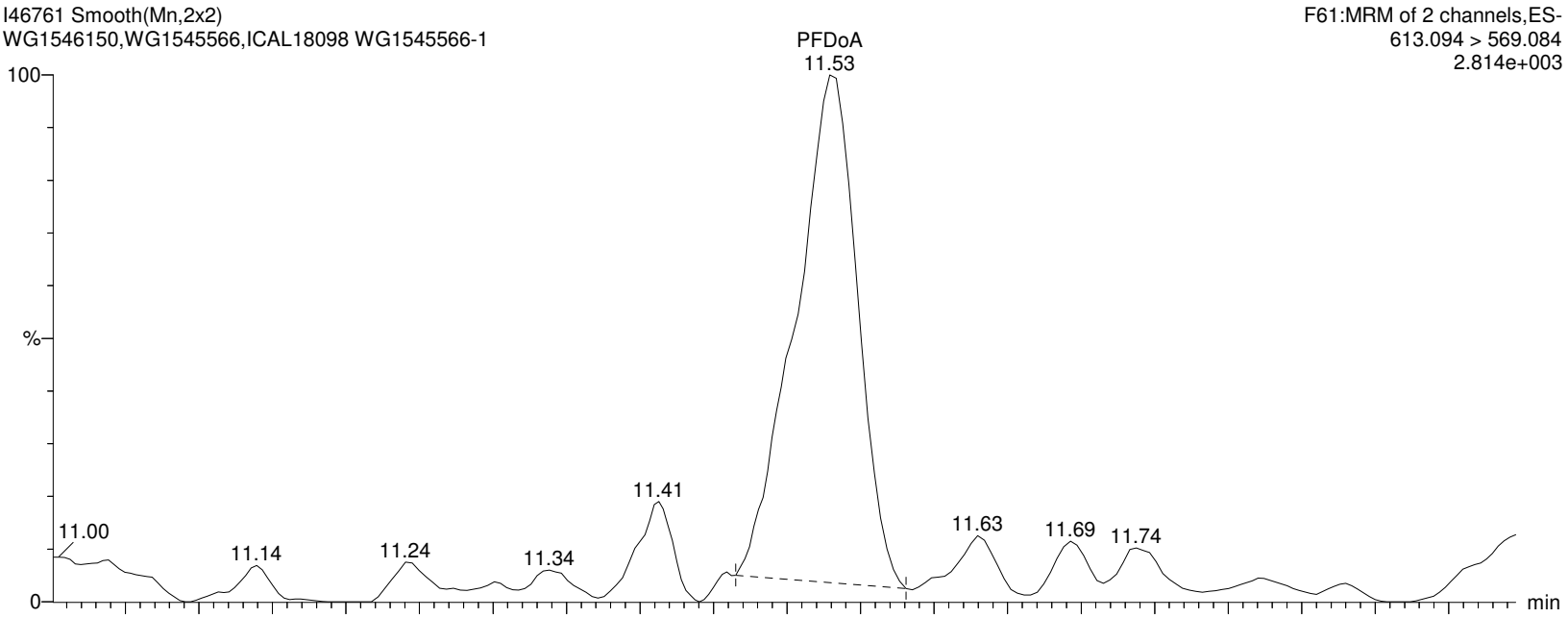


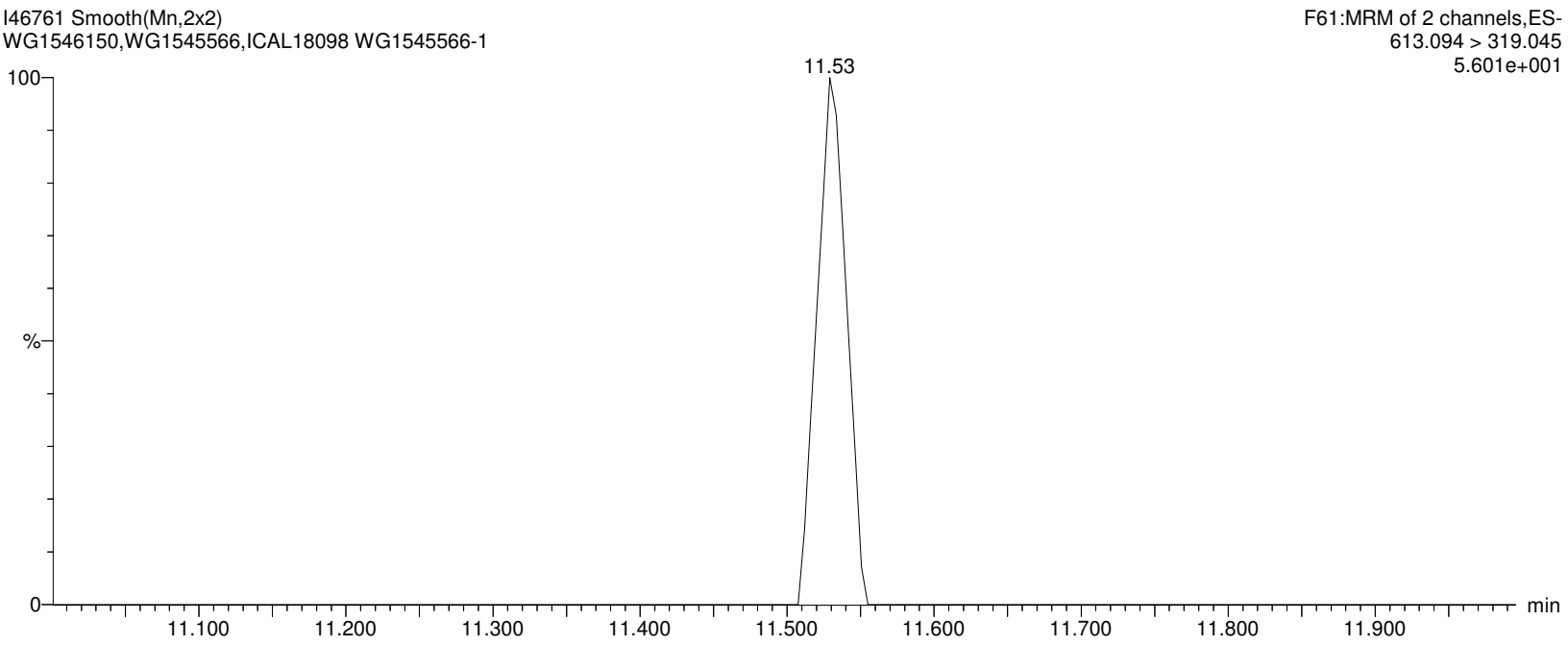
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 14:41:47 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 14:42:00 Eastern Daylight Time

Name: I46761
ID: WG1545566-1
Date: 15-Sep-2021
Time: 04:19:31
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoA



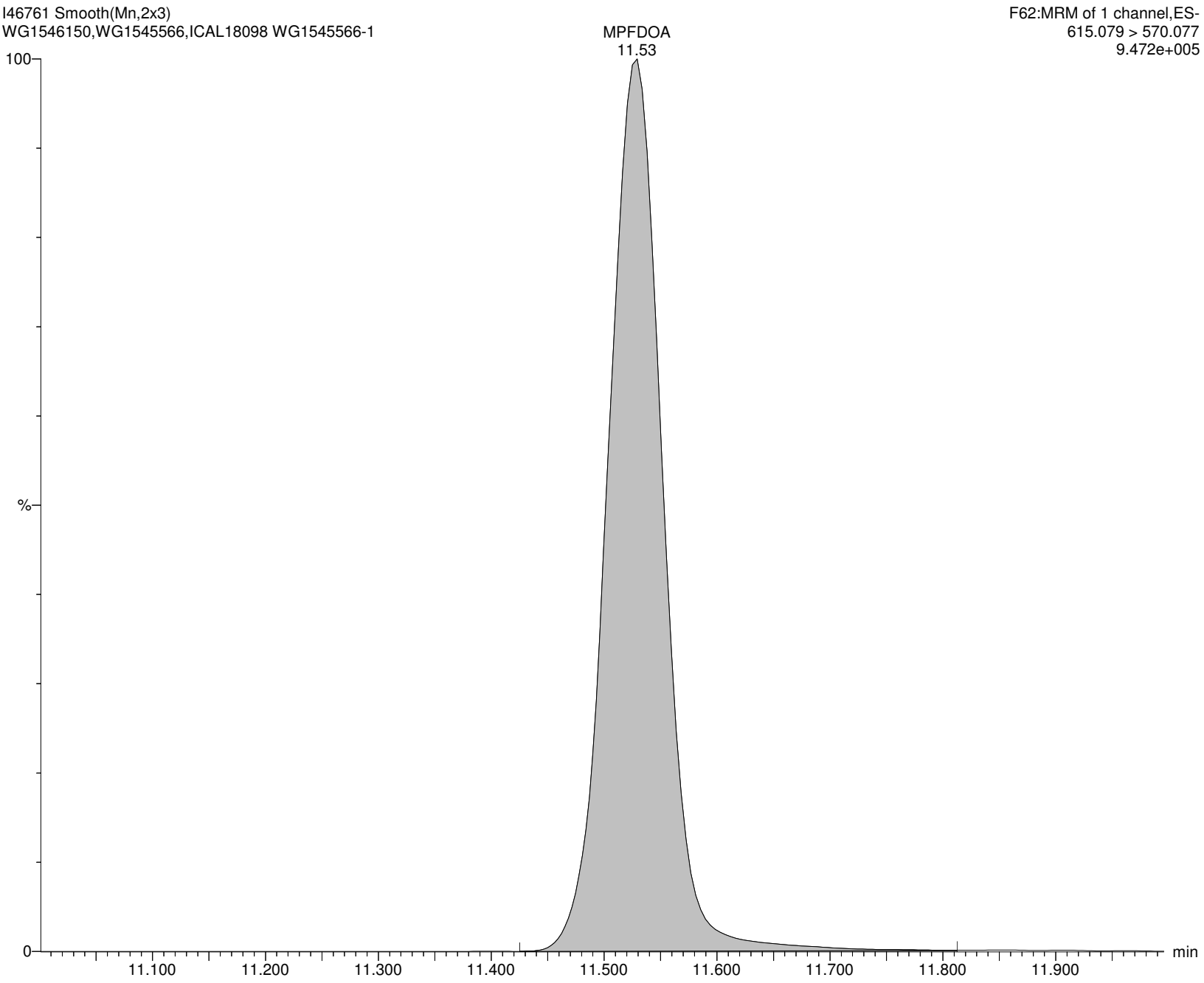


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 14:41:47 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 14:42:00 Eastern Daylight Time

Name: I46761
ID: WG1545566-1
Date: 15-Sep-2021
Time: 04:19:31
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFDOA

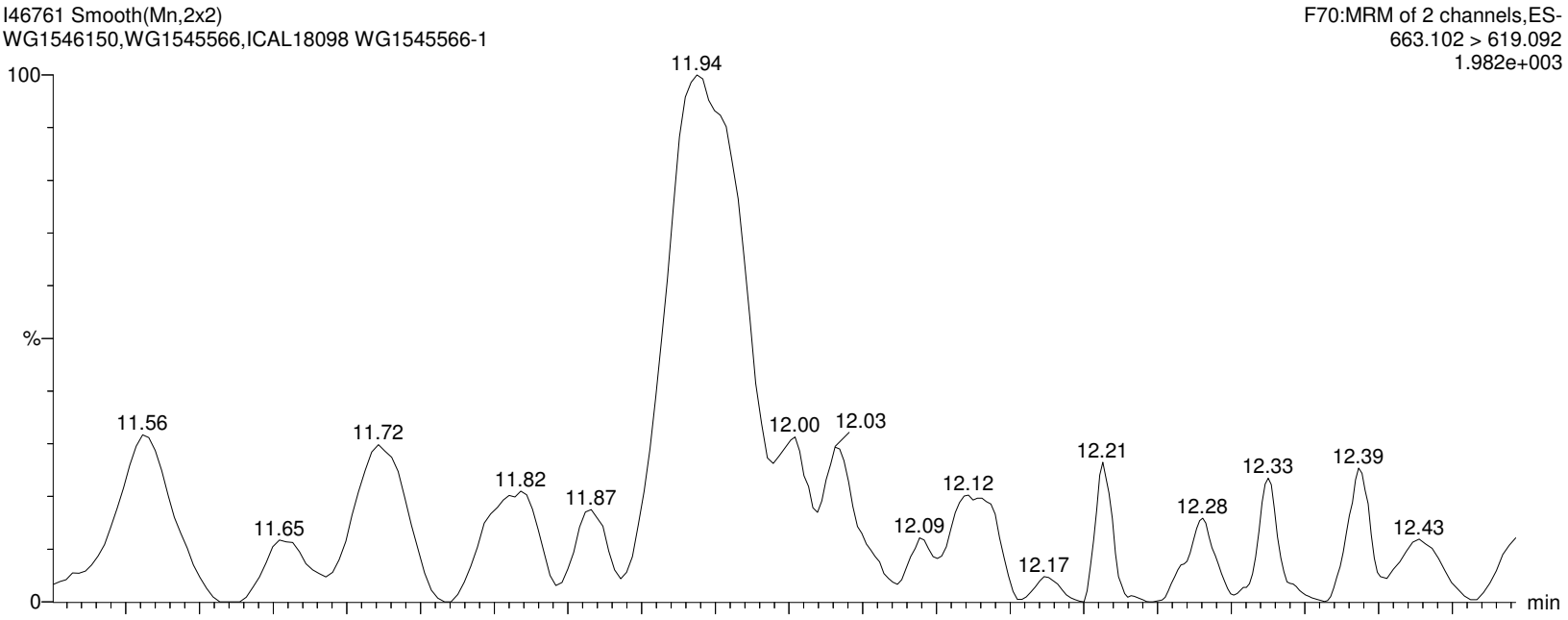


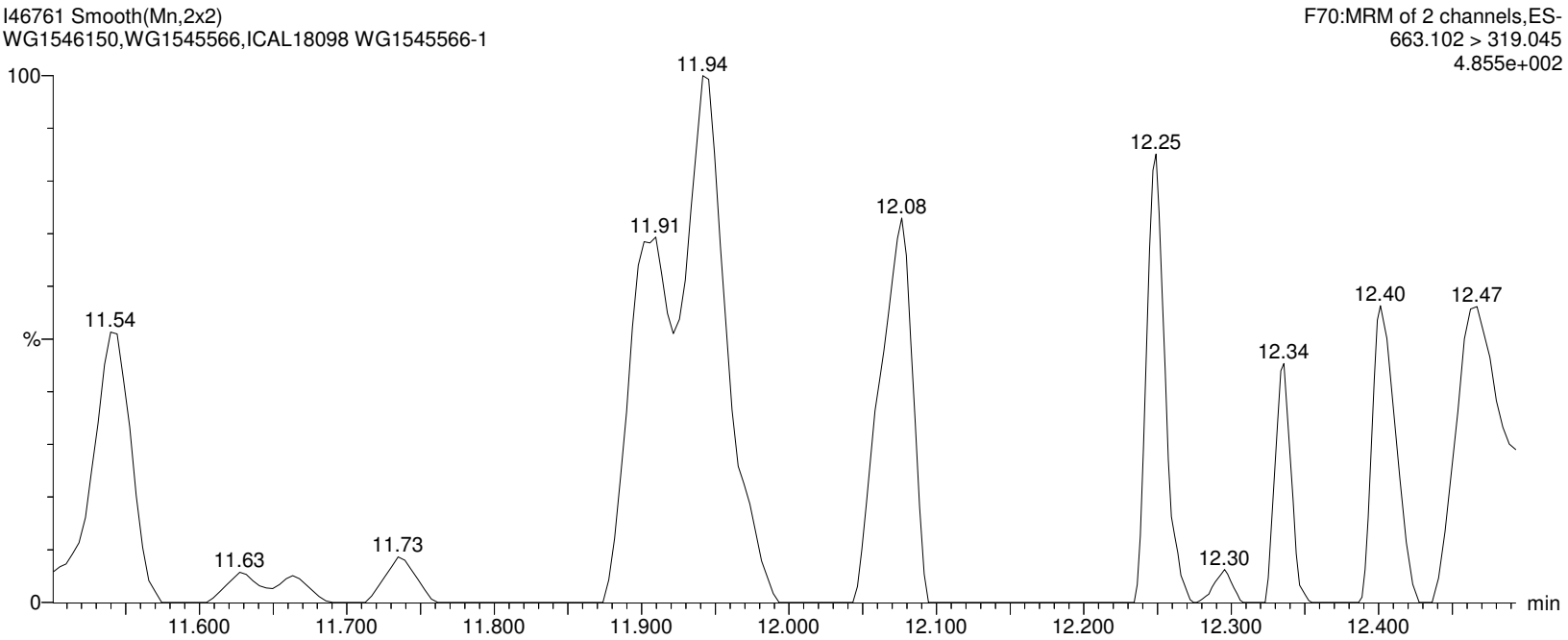
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 14:41:47 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 14:42:00 Eastern Daylight Time

Name: I46761
ID: WG1545566-1
Date: 15-Sep-2021
Time: 04:19:31
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTrDA



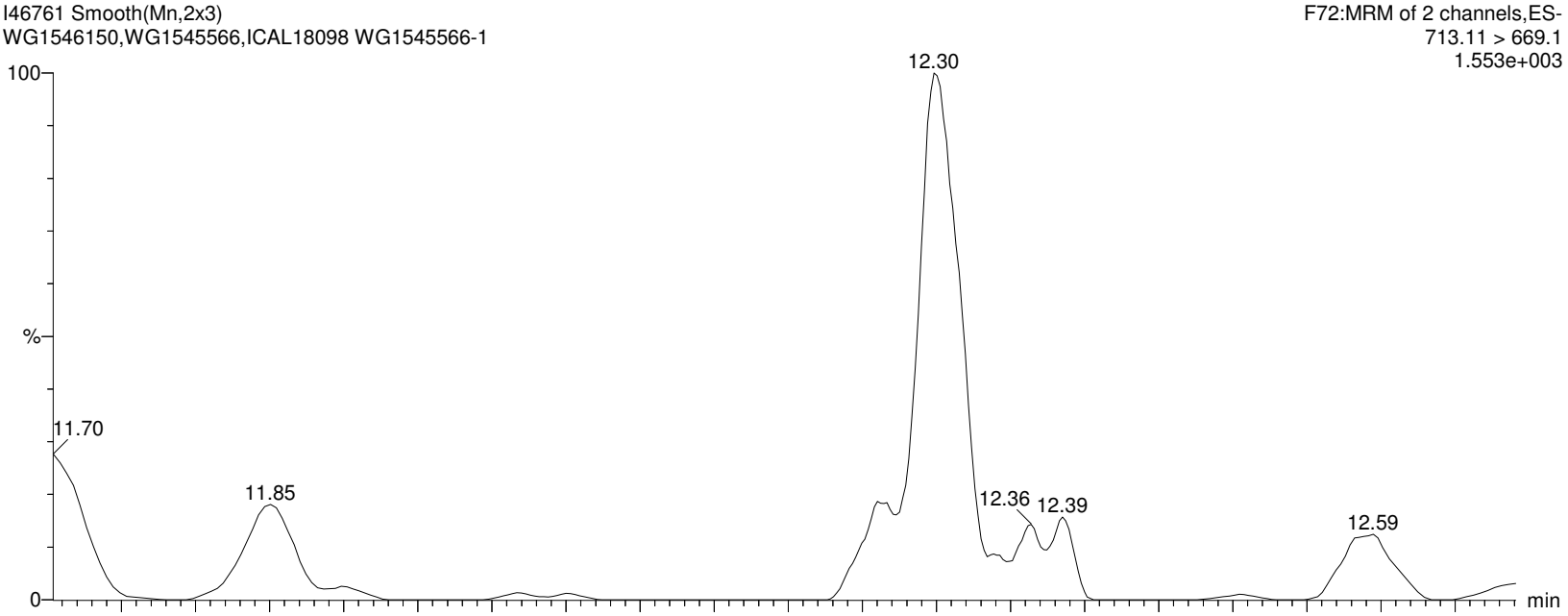


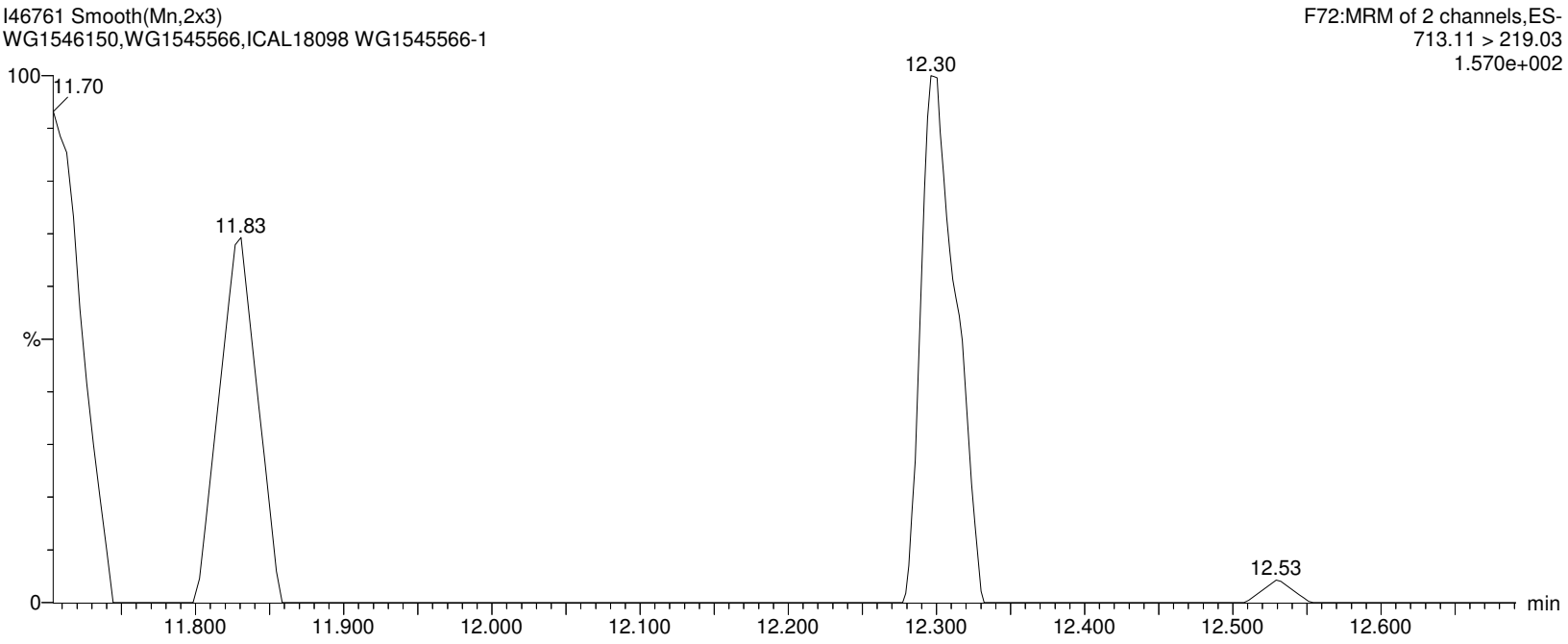
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 14:41:47 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 14:42:00 Eastern Daylight Time

Name: I46761
ID: WG1545566-1
Date: 15-Sep-2021
Time: 04:19:31
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTA



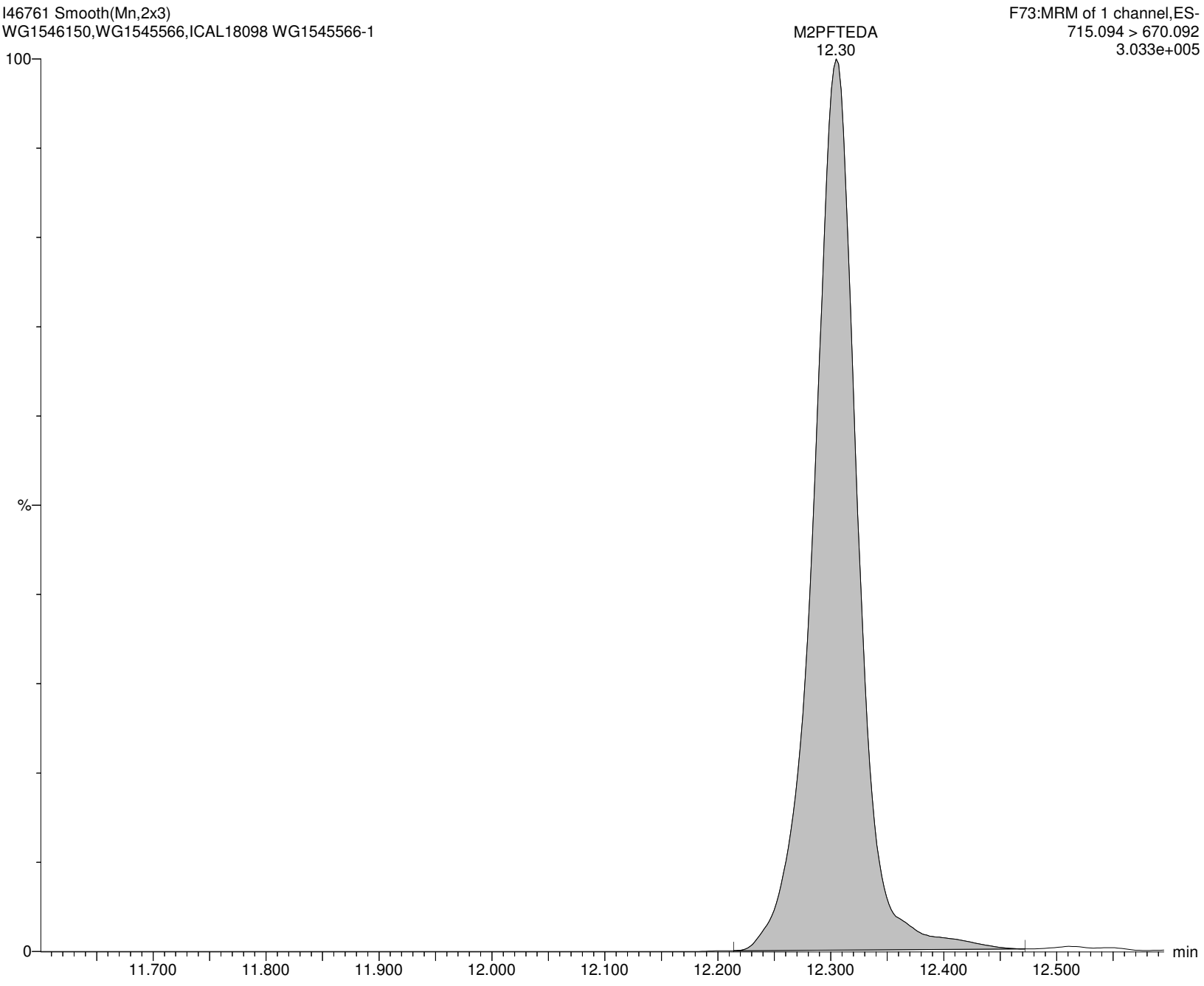


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 14:41:47 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 14:42:00 Eastern Daylight Time

Name: I46761
ID: WG1545566-1
Date: 15-Sep-2021
Time: 04:19:31
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,6
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFTEDA



all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:52 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210914_537ISO.PRO\MethDB\537ISO_Q_210625_TOP_RT2.mdb 03 Sep 2021 08:44:20
Calibration: C:\MassLynx\Data\2021\210914_537ISO.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

ID: WG1545566-2
Name: I46762
Date: 15-Sep-2021
Time: 04:36:05
Description: WG1546150,WG1545566,ICAL18098
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:SG
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.11	213.032 > 169.022	47827		9.444		na	
2	M3PFBA	INT STD	2.11	216.009 > 171.999	50306		9.582		na	95.8
3	MPFBA	INT STD	2.10	217.001 > 171.999	56902		10.520		na	105.2
4	PFPeA	2706-90-3	5.00	263.039 > 219.03	58429		9.222		na	
5	M5PFPEA	INT STD	5.00	268.001 > 222.999	67337		11.345		na	113.4
6	PFBS	375-73-5	5.65	299.092 > 80.062	10950		8.367	1.91	NO	
7	M3PFBS	INT STD	5.65	302.069 > 80.062	12046		9.472		na	94.7
8	4:2FTS	757124-72-4	6.82	327.146 > 307.139	4215		9.039	2.33	NO	
9	M2-4:2FTS	INT STD	6.82	329.13 > 309.124	4886		9.587		na	95.9
10	PFHxA	307-24-4	6.89	313.047 > 269.037	61546		9.450	15.73	NO	
11	M5PFHxA	INT STD	6.89	318.009 > 273.007	61379		10.765		na	107.6
12	PFPeS	2706-91-4	7.21	349.1 > 80.062	11967		9.432	2.29	NO	
13	PFHpA	375-85-9	8.16	363.055 > 319.045	85559		9.447	5.51	NO	
14	M4PFHpA	INT STD	8.16	367.025 > 322.022	89508		10.529		na	105.3
15	br-PFHxS	355-46-4	8.09	399.107 > 80.062	2128	M5,M7	1.730	2.16	NO	
16	L-PFHxS	355-46-4	8.32	399.107 > 80.062	10720		6.842	1.62	NO	
17	PFHxS	355-46-4		399.107 > 80.062	12848		8.572		na	
18	M3PFHxS	INT STD	8.32	402.084 > 80.062	14360		9.957		na	99.6
19	br-PFOA	335-67-1		413.063 > 369.053			ND		YES	
20	L-PFOA	335-67-1	9.10	413.063 > 369.053	90101		9.850	8.56	NO	
21	PFOA	335-67-1		413.063 > 369.053	90101		9.850		na	
22	M8PFOA	INT STD	9.10	421.002 > 376.	94924		10.027		na	100.3
23	M2PFOA	INT STD	9.10	415.048 > 370.045	93249		8.804		na	88.0
24	6:2FTS	27619-97-2	9.06	427.161 > 407.155	5138		10.001	3.62	NO	
25	M2-6:2FTS	INT STD	9.06	429.146 > 409.14	5355		10.234		na	102.3
26	PFHpS	375-92-8	9.20	449.115 > 80.062	8248		8.652	1.09	NO	
27	PFNA	375-95-1	9.86	463.071 > 419.061	67584		9.839	3.67	NO	
28	M9PFNA	INT STD	9.86	472.002 > 427.	27499		10.112		na	101.1
29	br-PFOS	1763-23-1	9.72	499.123 > 80.062	2965	M5,M7	2.013	3.70	NO	
30	L-PFOS	1763-23-1	9.91	499.123 > 80.062	8979		7.609	1.75	NO	
31	PFOS	1763-23-1		499.123 > 80.062	11945		9.622		na	
32	M4PFOS	INT STD	9.91	503.093 > 80.062	11527		10.184		na	101.8
33	M8PFOS	INT STD	9.91	507.062 > 80.062	13306		10.302		na	103.0
34	PFDA	335-76-2	10.49	513.078 > 469.069	61138		9.948	5.28	NO	
35	M2PFDA	INT STD	10.49	515.053 > 469.934	53774		8.815		na	88.2
36	M6PFDA	INT STD	10.49	519.033 > 474.03	61763		10.119		na	101.2
37	8:2FTS	39108-34-4	10.48	527.177 > 507.171	2500		10.484	4.96	NO	
38	M2-8:2FTS	INT STD	10.48	529.162 > 509.155	3793		9.863		na	98.6
39	PFNS	68259-12-1	10.52	549.131 > 80.062	9176		8.927	1.38	NO	

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:52 Eastern Daylight Time

ID: WG1545566-2
Name: I46762
Date: 15-Sep-2021
Time: 04:36:05
Description: WG1546150,WG1545566,ICAL18098
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:SG
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.88	573.22 > 419.061	4907		8.529		na	85.3
41	br-NMeFOSAA		10.73	570.202 > 419.061	451	M5,M7	2.352	1.37	NO	
42	L-NMeFOSAA		10.89	570.202 > 419.061	4045		7.567	3.29	NO	
43	NMeFOSAA	2355-31-9		570.202 > 419.061	4495		9.919		na	
44	PFUnA	2058-94-8	11.04	563.086 > 519.076	60732		10.444	10.11	NO	
45	M7-PFUDA	INT STD	11.03	570.033 > 525.031	57649		10.128		na	101.3
46	PFDS	335-77-3	11.05	599.139 > 80.062	9907		8.969	1.62	NO	
47	FOSA	754-91-6	10.97	498.146 > 78.07	16217	M7	9.303	160.35	NO	
48	M8FOSA	INT STD	10.97	506.077 > 78.07	20361		6.162		na	61.6
49	br-NEtFOSAA		11.04	584.229 > 419.061	328	M5,M7	2.226	0.63	NO	
50	L-NEtFOSAA		11.18	584.229 > 419.061	3201		7.337	1.16	NO	
51	NEtFOSAA	2991-50-6		584.229 > 419.061	3529		9.564		na	
52	d5-NEtFOSAA	INT STD	11.17	589.259 > 419.061	4422		9.302		na	93.0
53	PFDoA	307-55-1	11.51	613.094 > 569.084	56817		10.223	19.18	NO	
54	MPFDOA	INT STD	11.51	615.079 > 570.077	52923		9.637		na	96.4
55	PFTrDA	72629-94-8	11.93	663.102 > 619.092	47351		12.175	11.17	NO	
56	PFTA	376-06-7	12.29	713.11 > 669.1	26943		9.461	8.27	NO	
57	M2PFTEDA	INT STD	12.29	715.094 > 670.092	14626		8.492		na	84.9

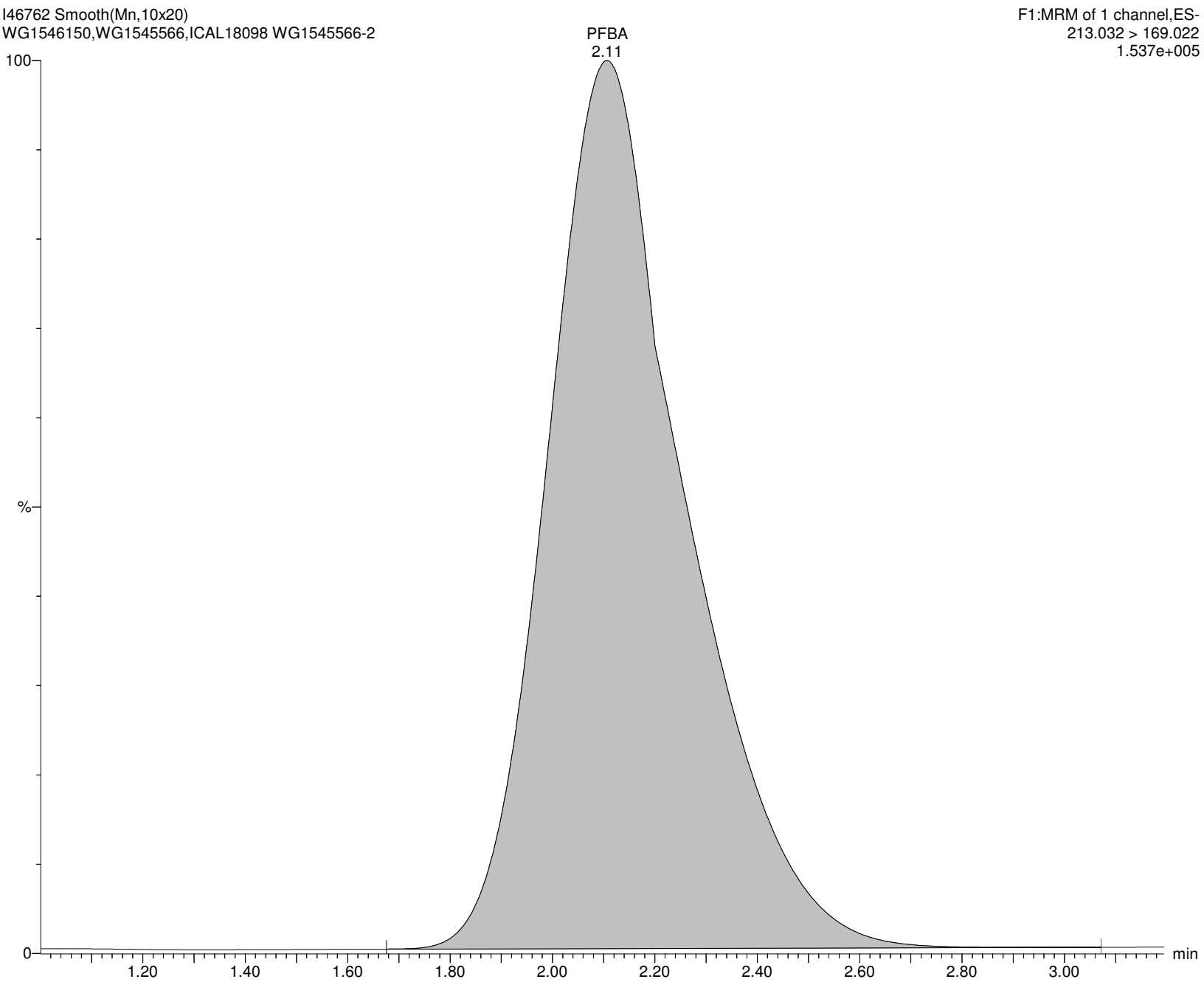
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:52 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210914_537ISO.PRO\MethDB\537ISO_Q_210625_TOP_RT2.mdb 03 Sep 2021 08:44:20
Calibration: C:\MassLynx\Data\2021\210914_537ISO.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

Name: I46762
ID: WG1545566-2
Date: 15-Sep-2021
Time: 04:36:05
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBA

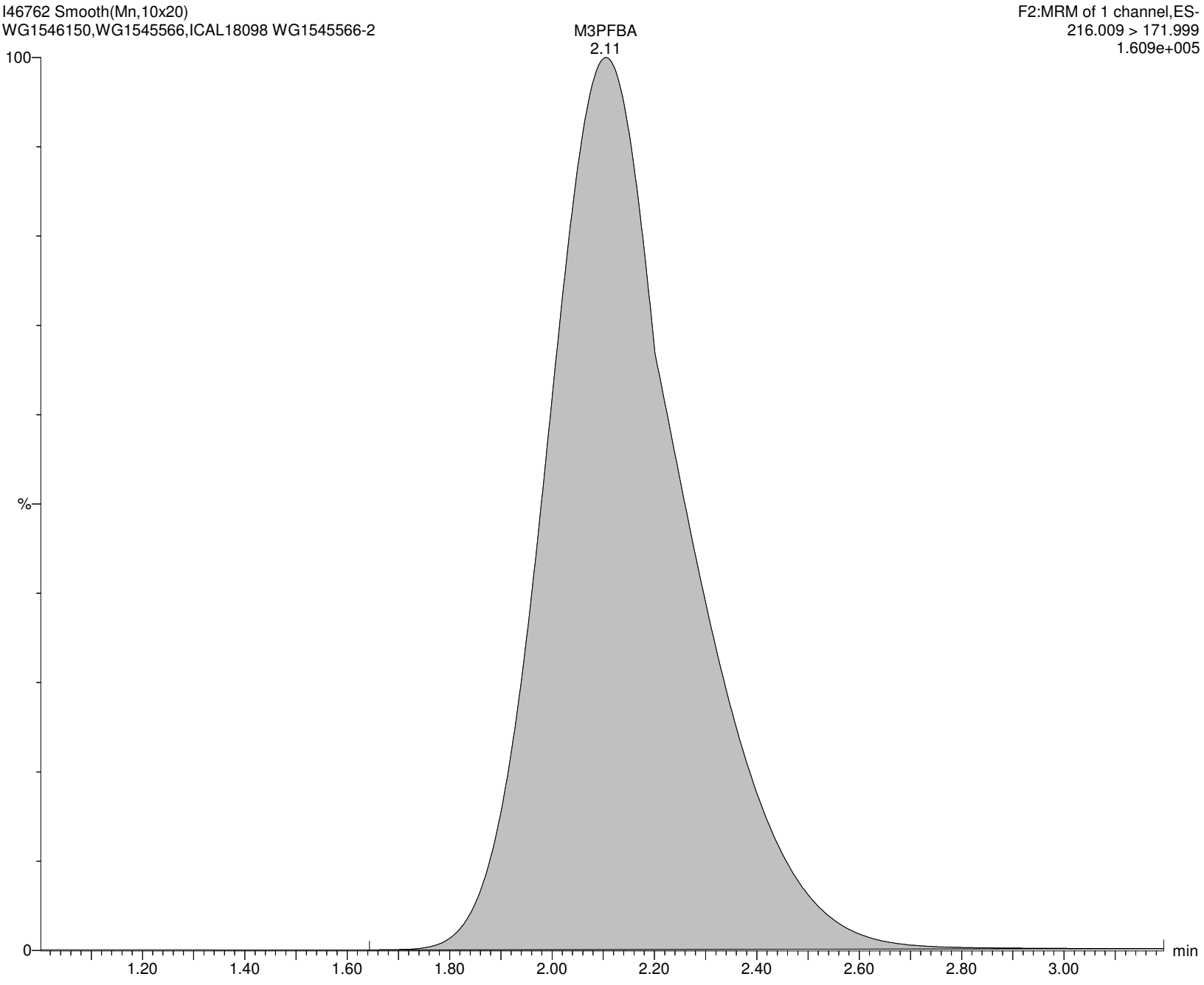


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:52 Eastern Daylight Time

Name: I46762
ID: WG1545566-2
Date: 15-Sep-2021
Time: 04:36:05
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBA

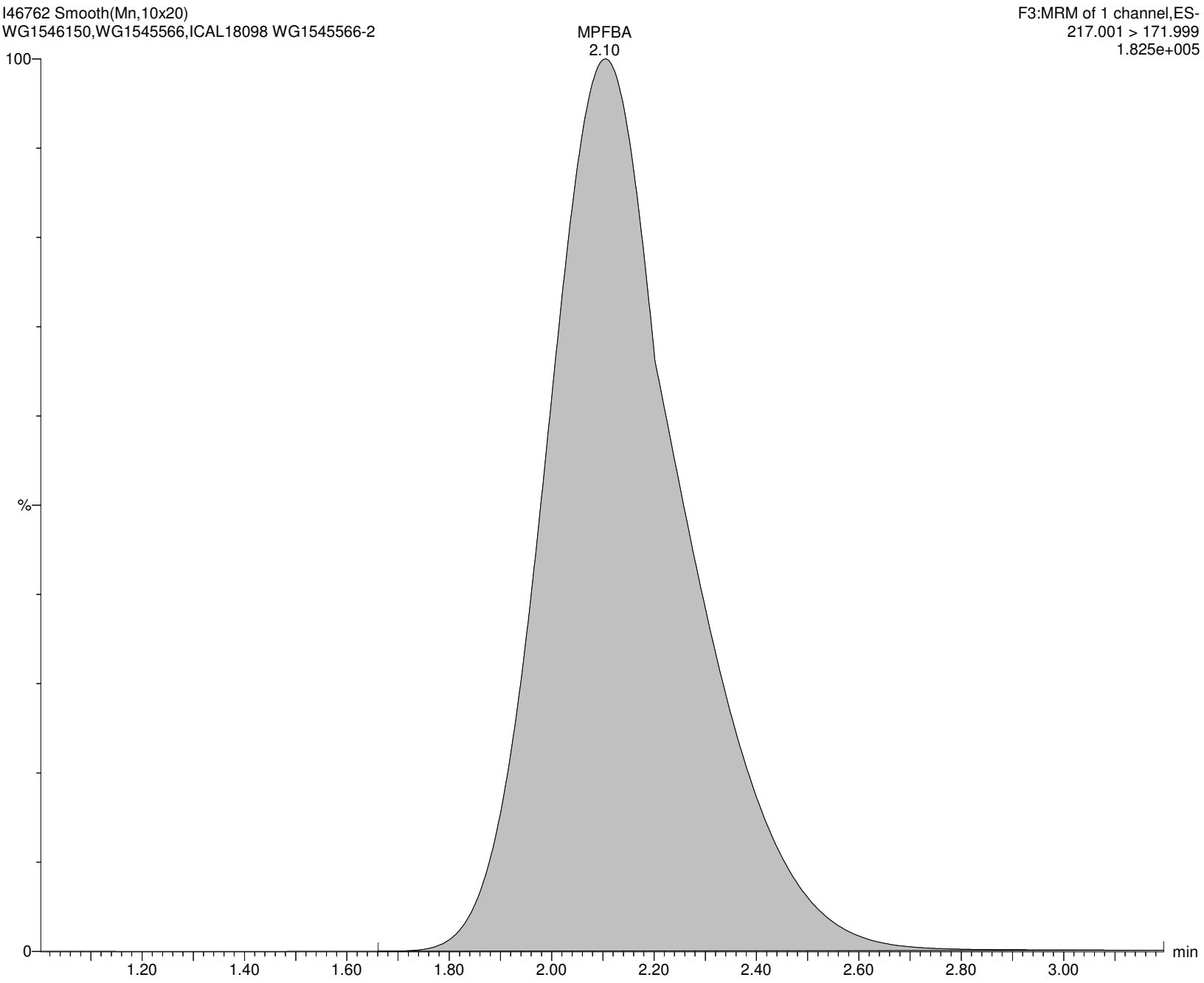


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:52 Eastern Daylight Time

Name: I46762
ID: WG1545566-2
Date: 15-Sep-2021
Time: 04:36:05
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFBA

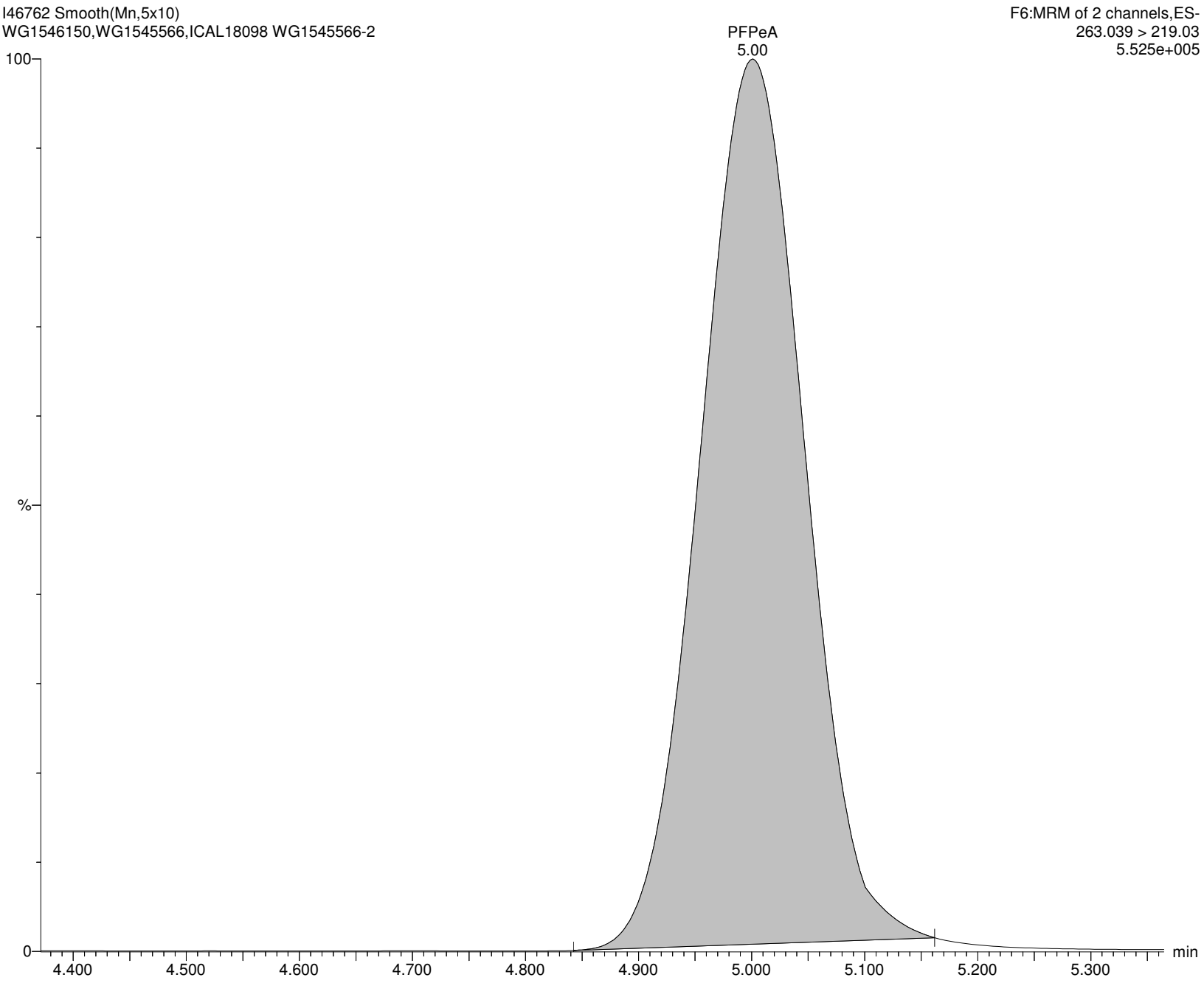


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:52 Eastern Daylight Time

Name: I46762
ID: WG1545566-2
Date: 15-Sep-2021
Time: 04:36:05
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeA

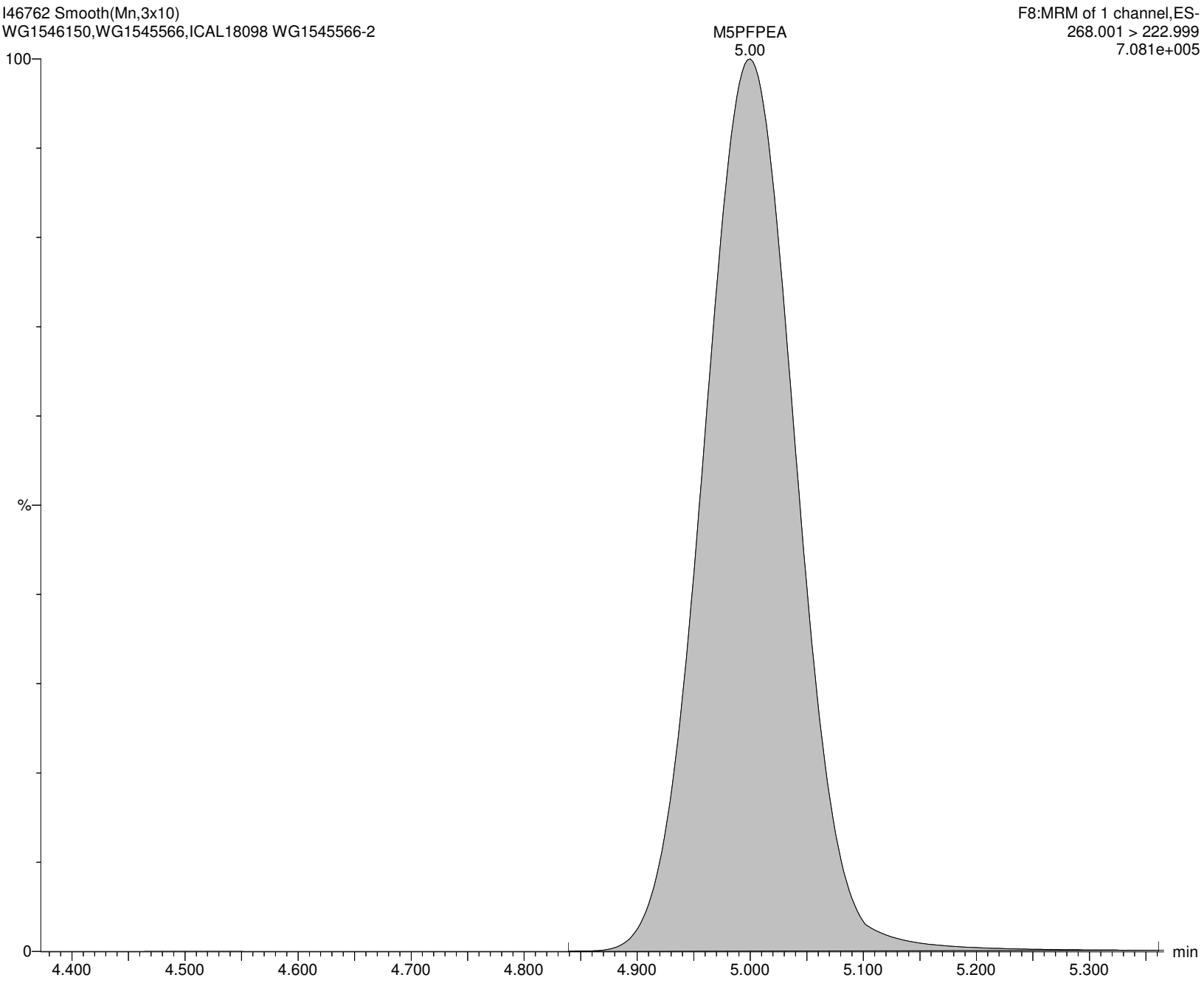


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:52 Eastern Daylight Time

Name: I46762
ID: WG1545566-2
Date: 15-Sep-2021
Time: 04:36:05
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFPEA

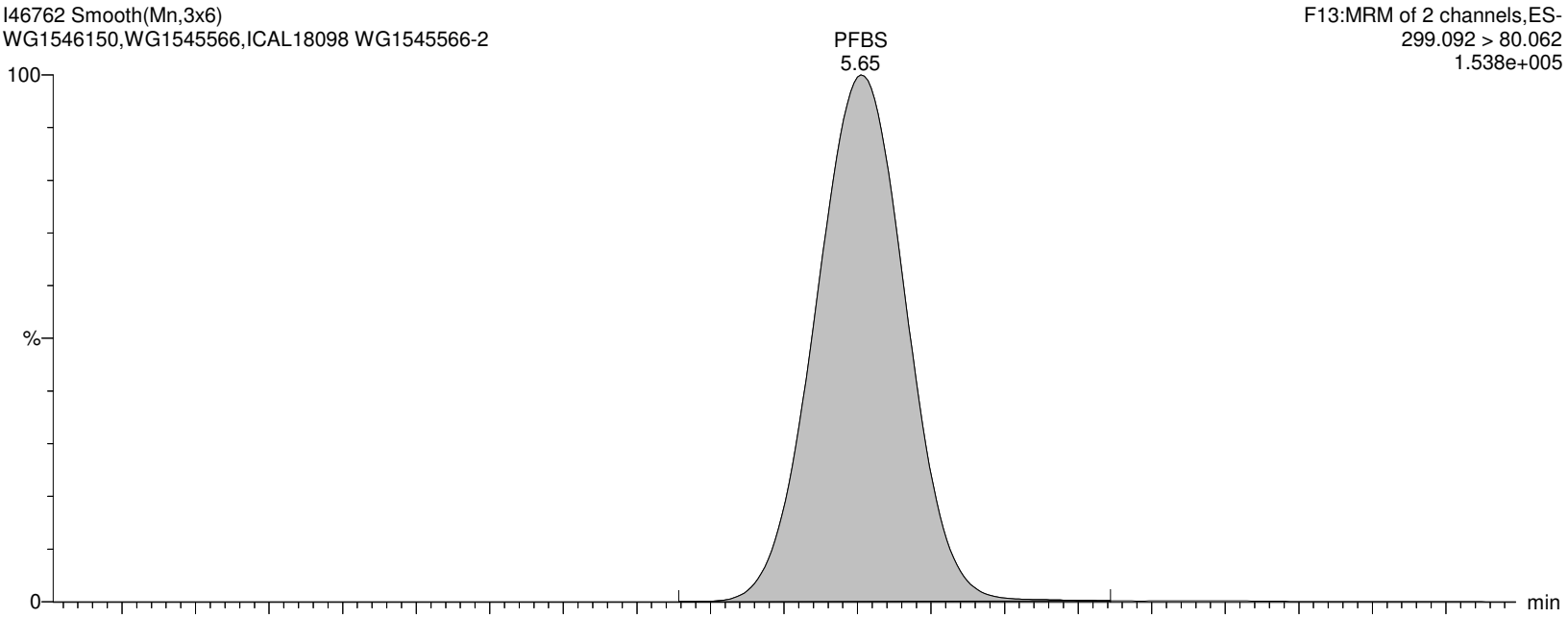


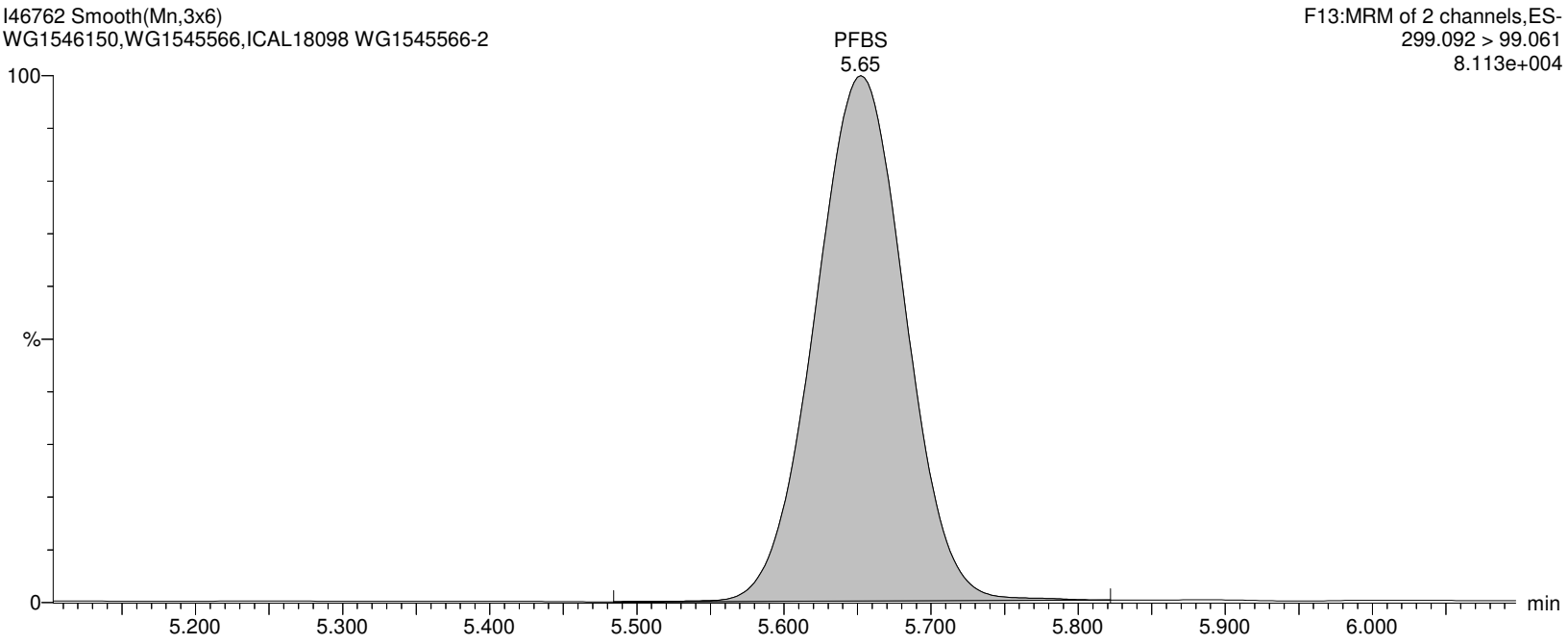
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:52 Eastern Daylight Time

Name: I46762
ID: WG1545566-2
Date: 15-Sep-2021
Time: 04:36:05
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBS



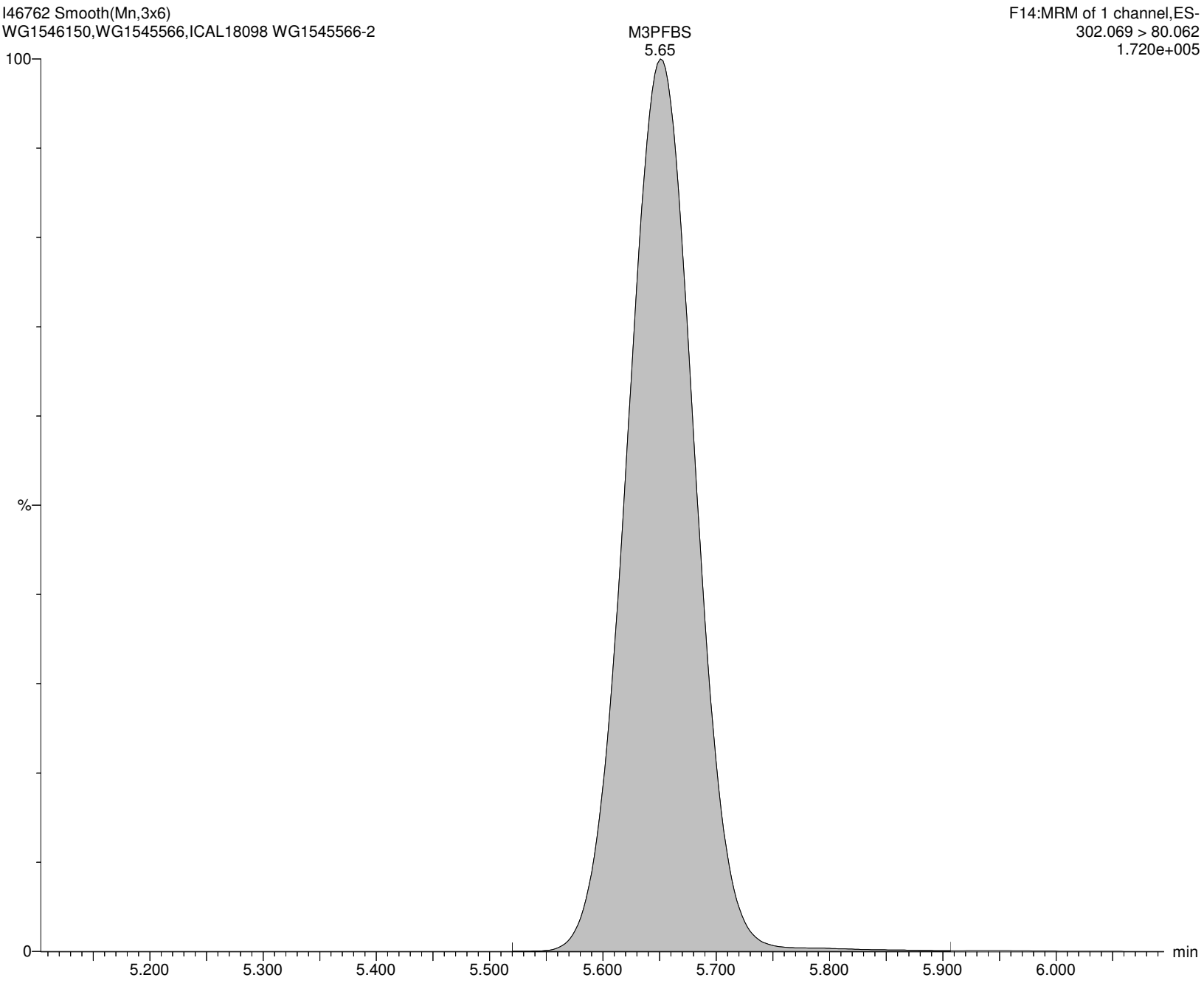


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:52 Eastern Daylight Time

Name: I46762
ID: WG1545566-2
Date: 15-Sep-2021
Time: 04:36:05
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBS

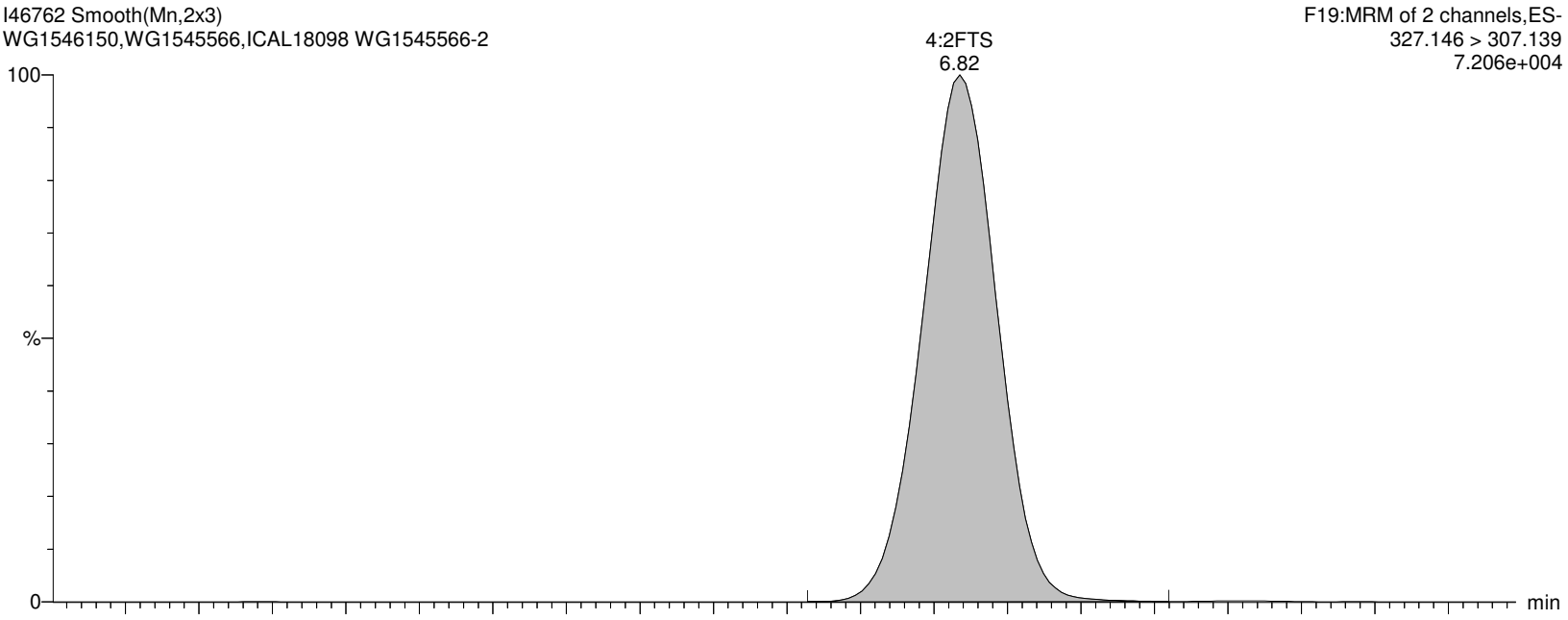


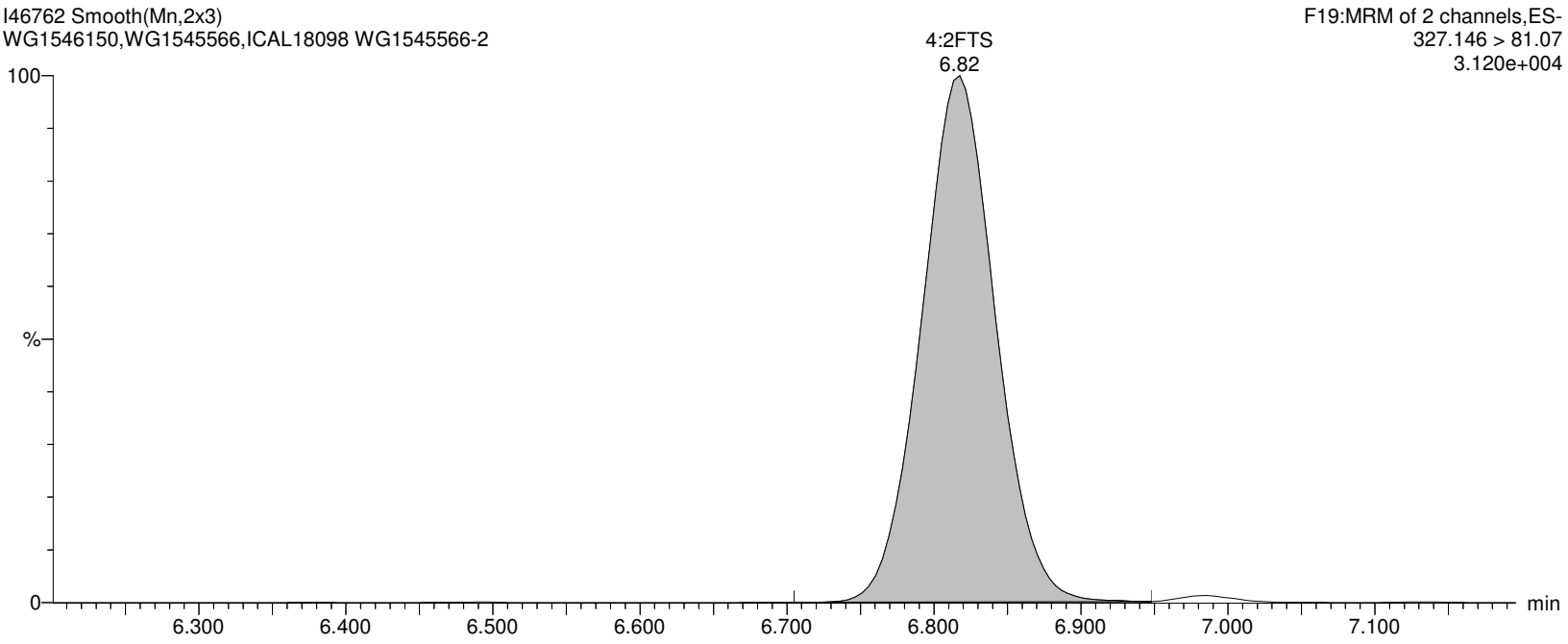
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:52 Eastern Daylight Time

Name: I46762
ID: WG1545566-2
Date: 15-Sep-2021
Time: 04:36:05
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

4:2FTS



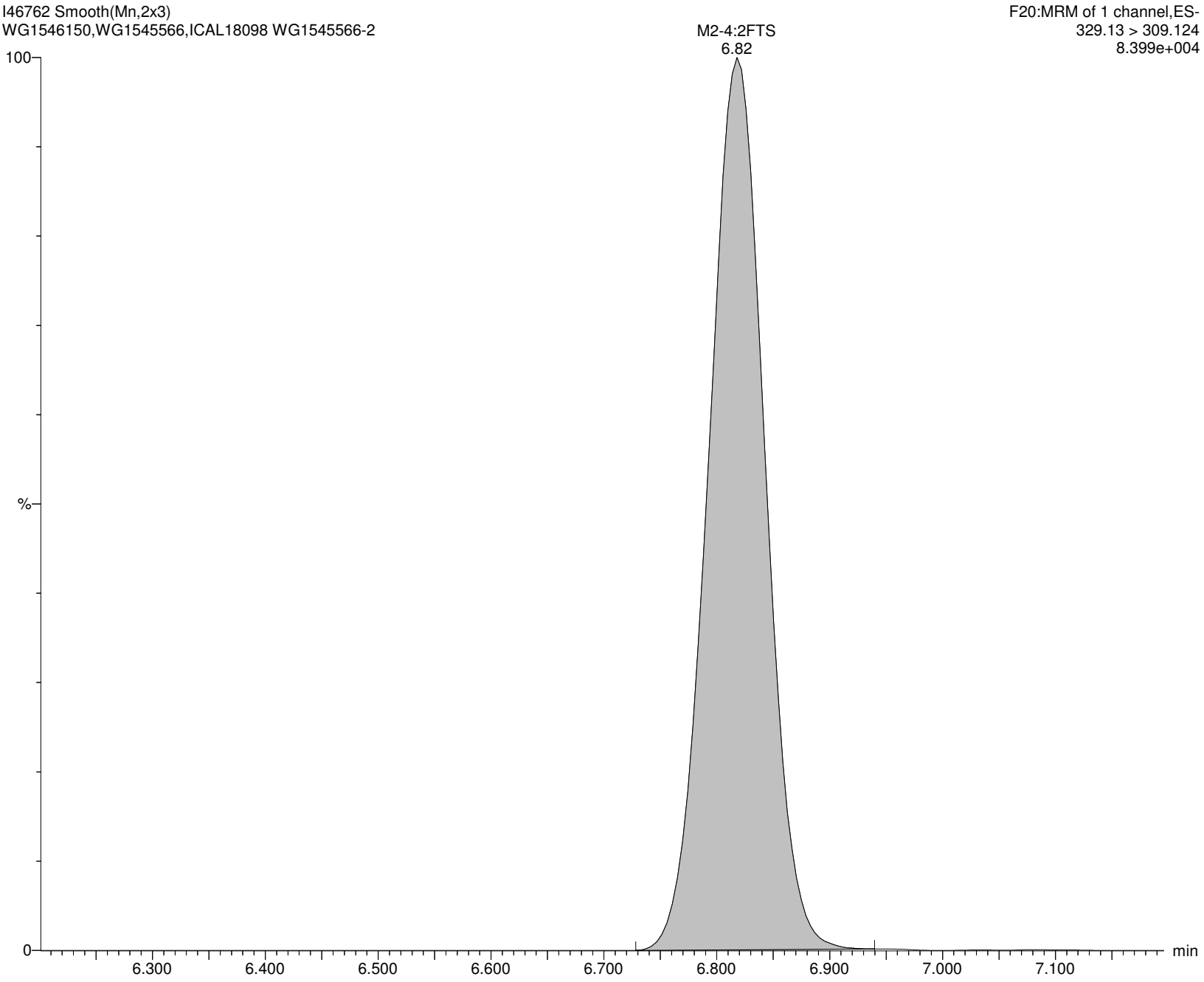


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:52 Eastern Daylight Time

Name: I46762
ID: WG1545566-2
Date: 15-Sep-2021
Time: 04:36:05
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-4:2FTS

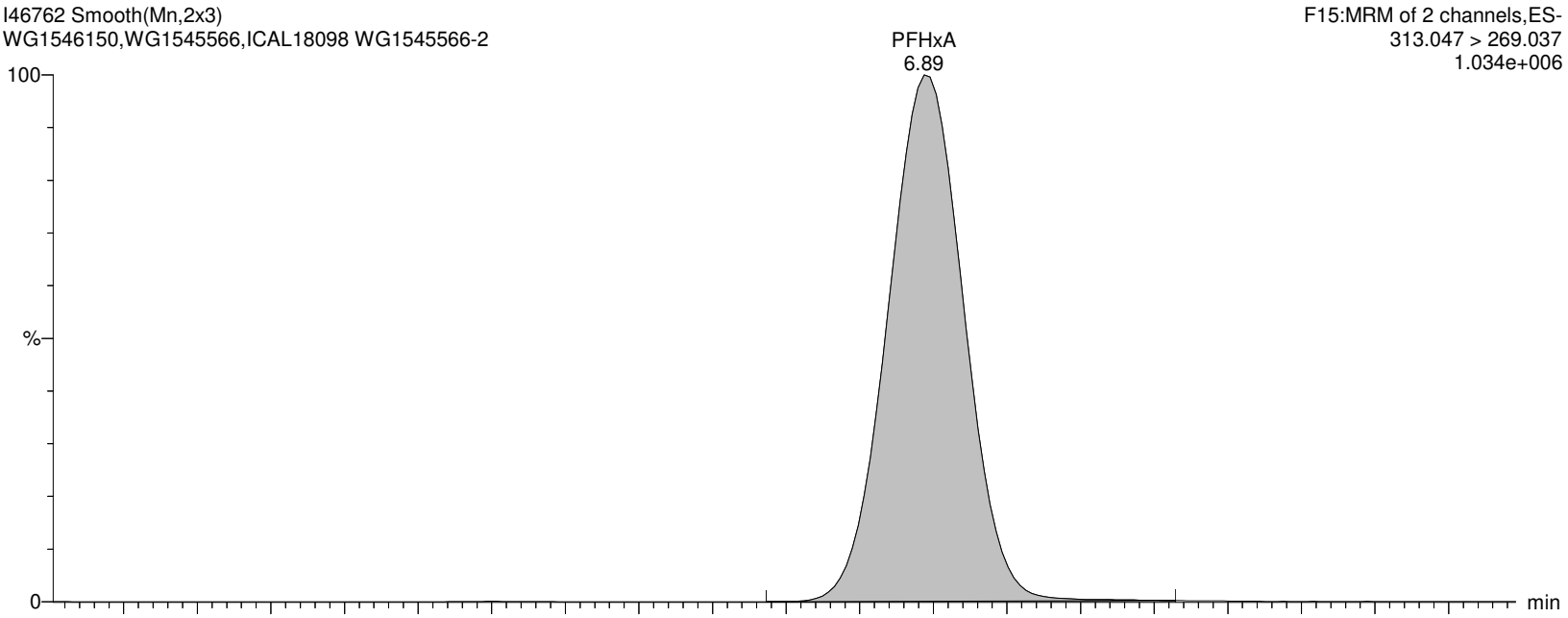


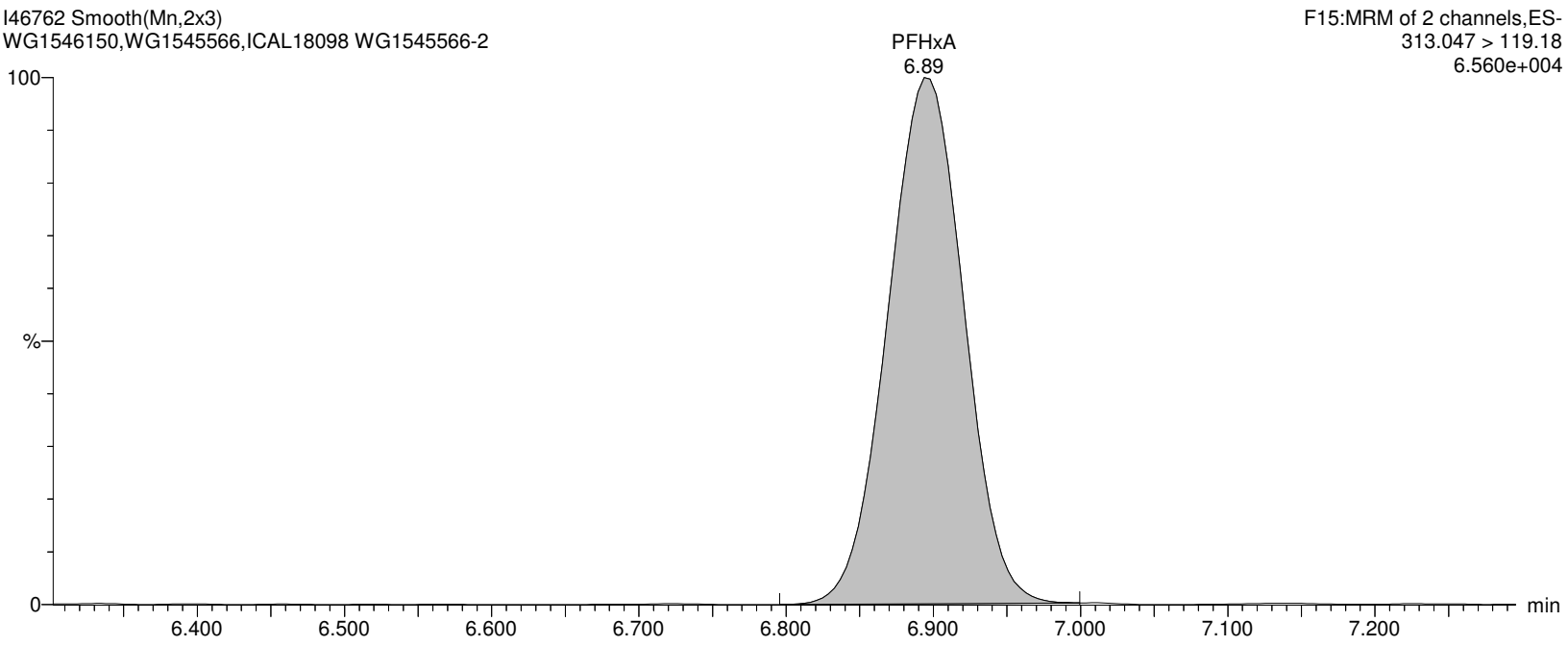
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:52 Eastern Daylight Time

Name: I46762
ID: WG1545566-2
Date: 15-Sep-2021
Time: 04:36:05
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxA



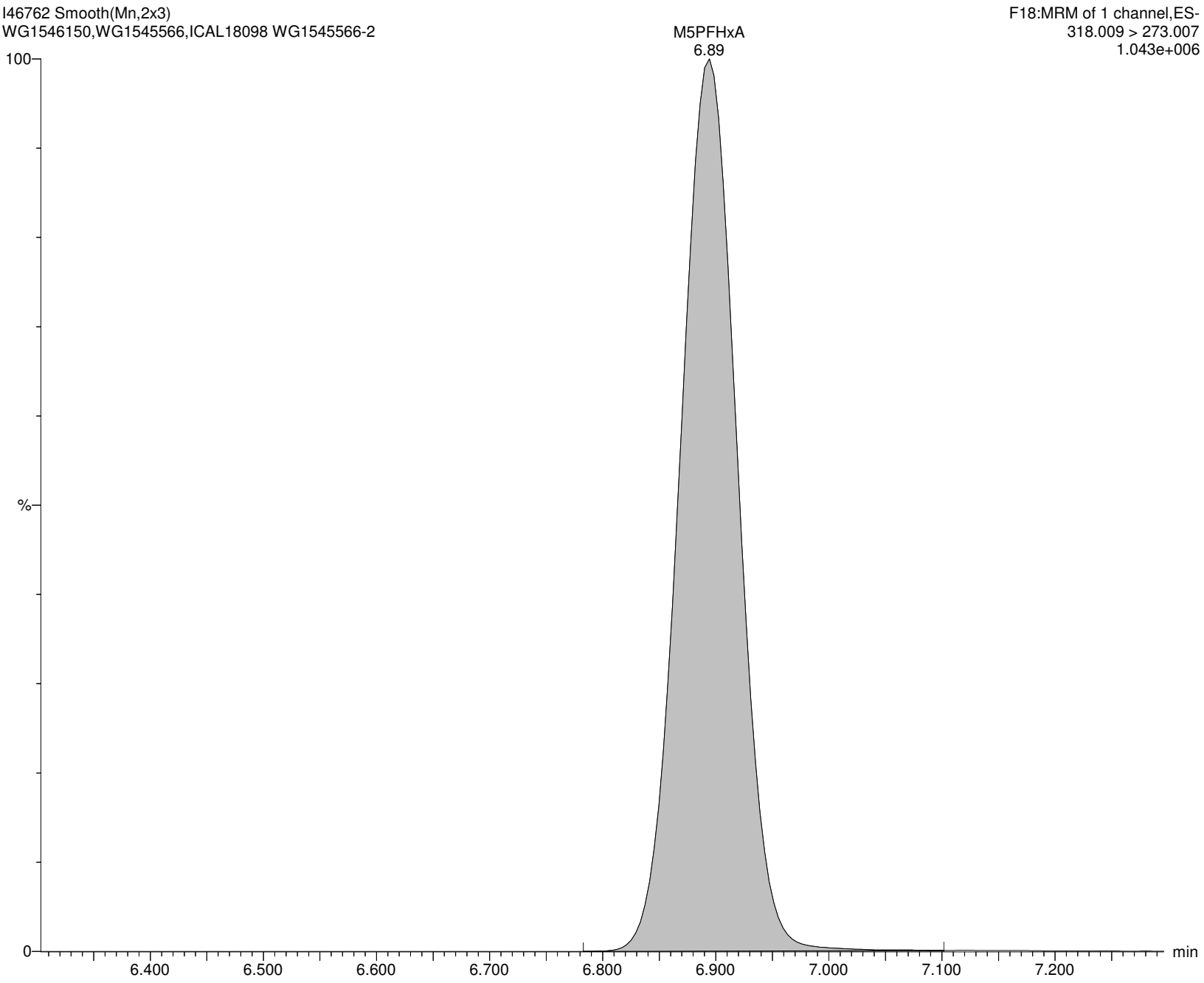


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:52 Eastern Daylight Time

Name: I46762
ID: WG1545566-2
Date: 15-Sep-2021
Time: 04:36:05
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFHxA

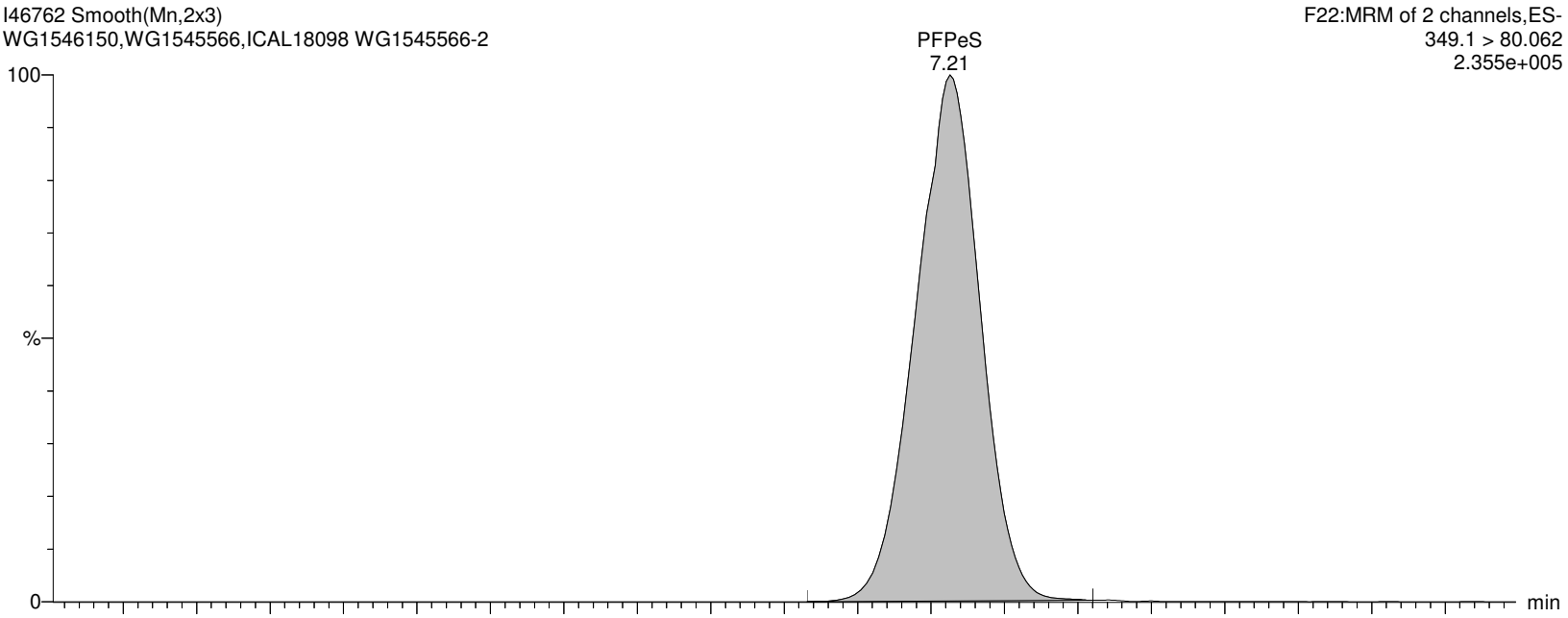


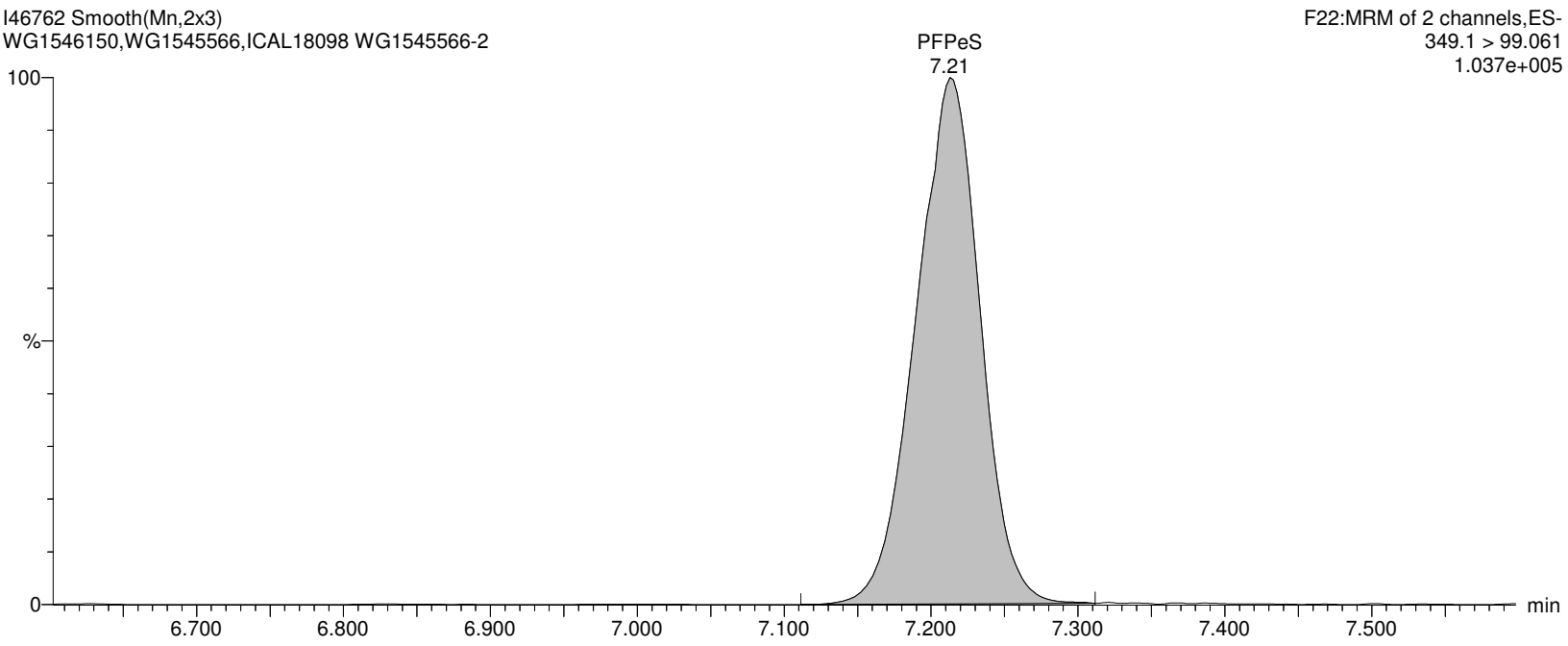
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:52 Eastern Daylight Time

Name: I46762
ID: WG1545566-2
Date: 15-Sep-2021
Time: 04:36:05
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeS



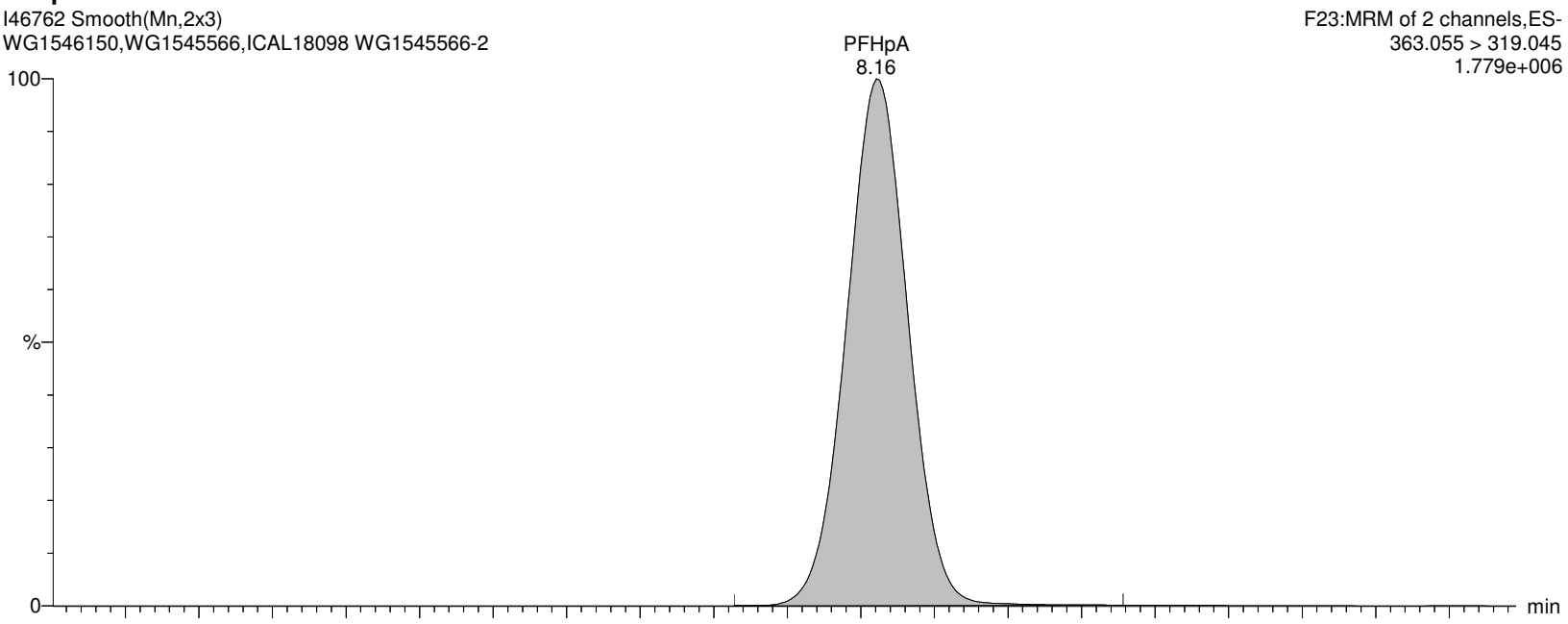


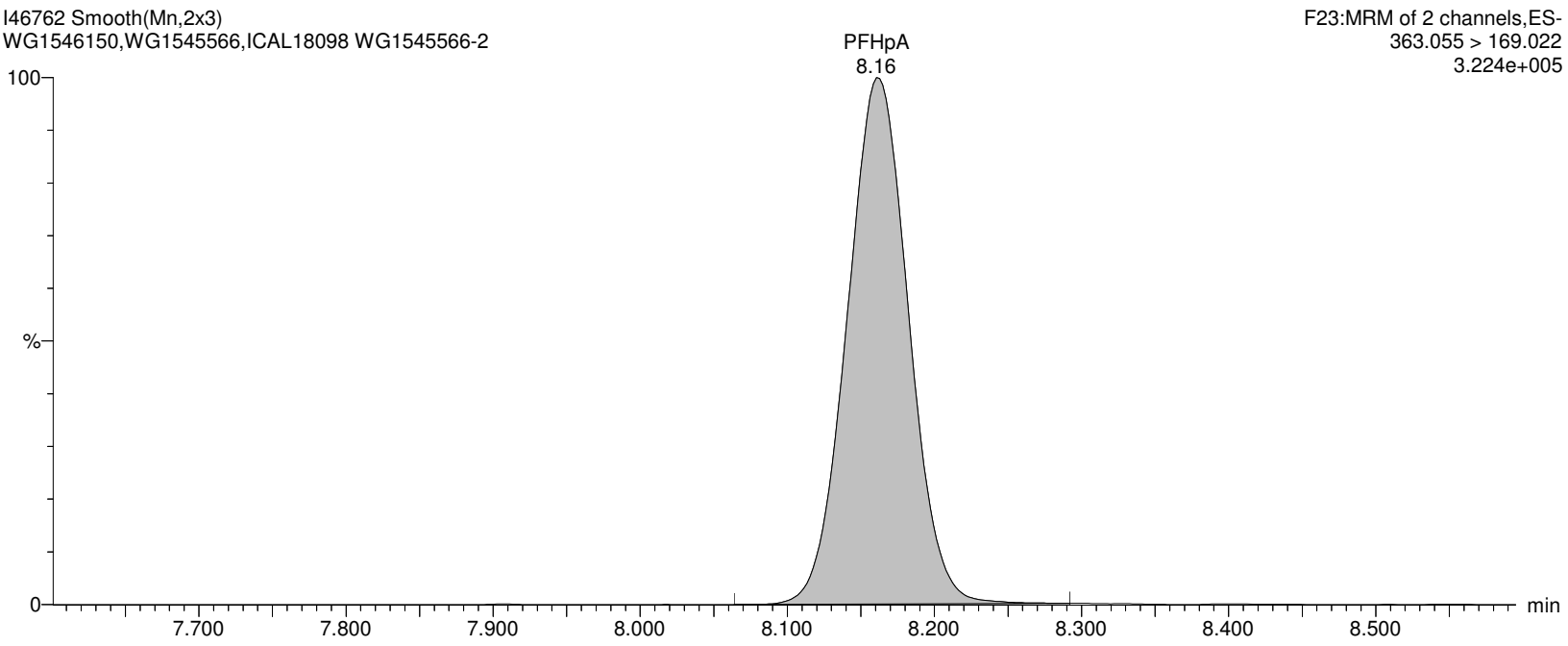
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:52 Eastern Daylight Time

Name: I46762
ID: WG1545566-2
Date: 15-Sep-2021
Time: 04:36:05
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpA



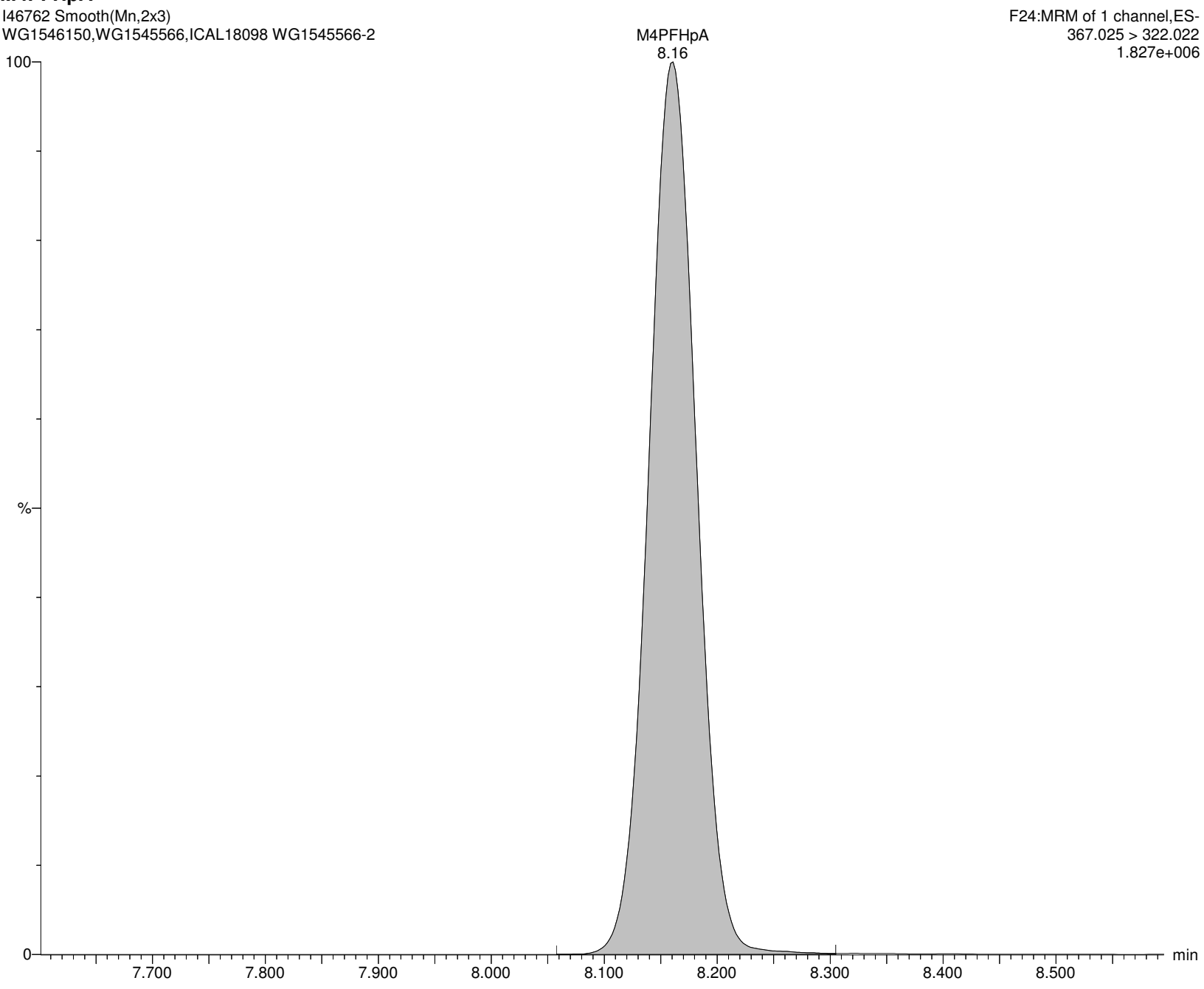


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:52 Eastern Daylight Time

Name: I46762
ID: WG1545566-2
Date: 15-Sep-2021
Time: 04:36:05
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFHpA

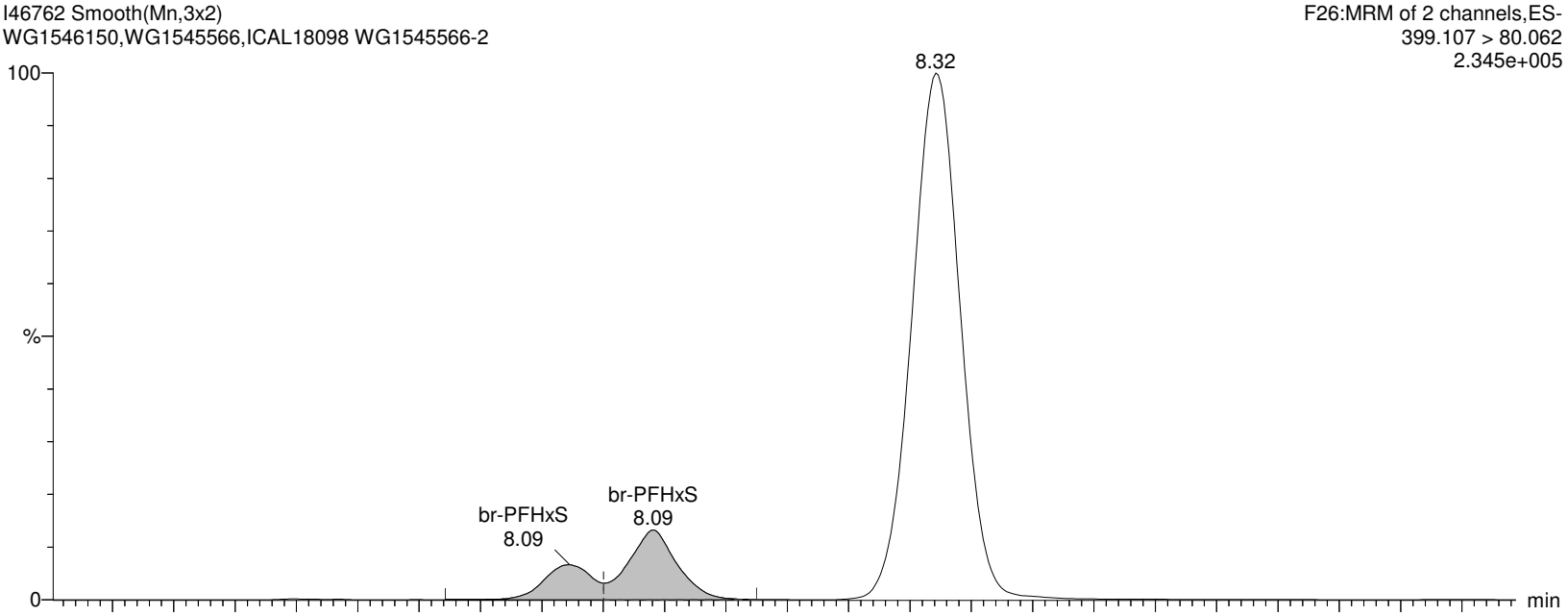


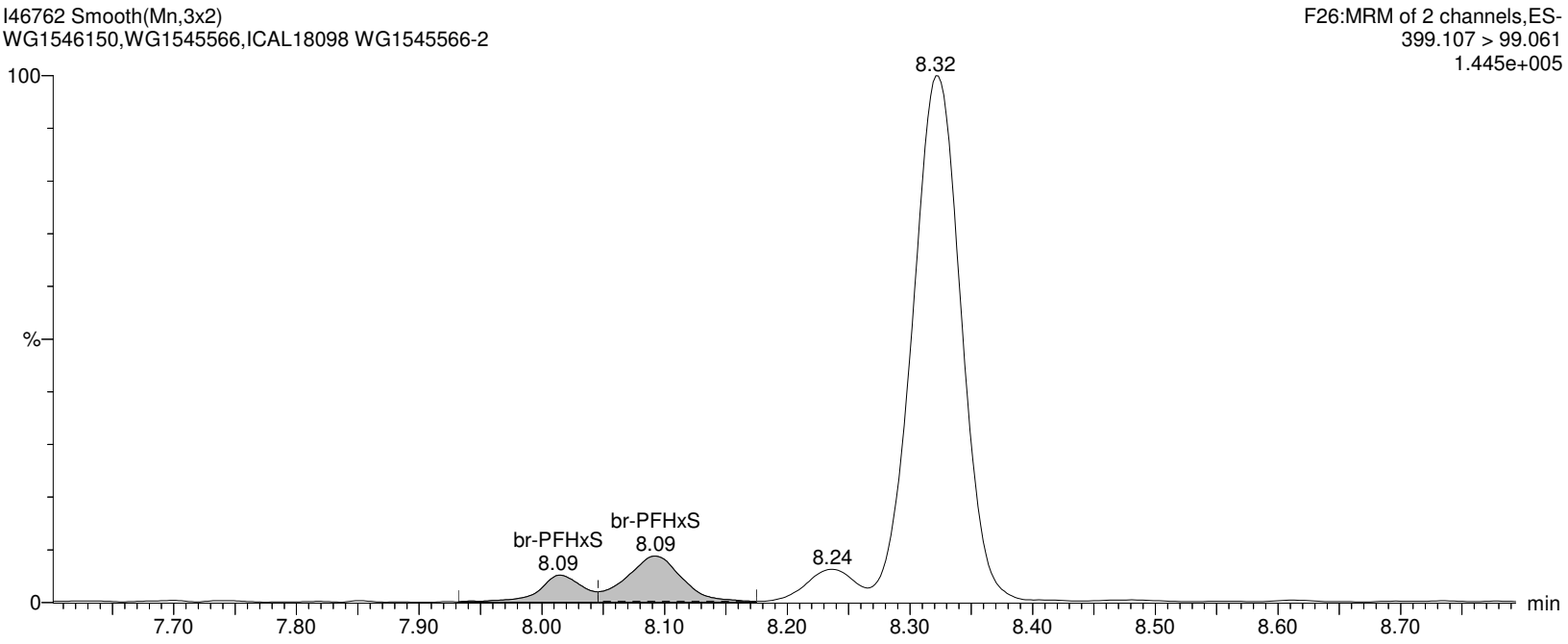
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:52 Eastern Daylight Time

Name: I46762
ID: WG1545566-2
Date: 15-Sep-2021
Time: 04:36:05
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFHxS



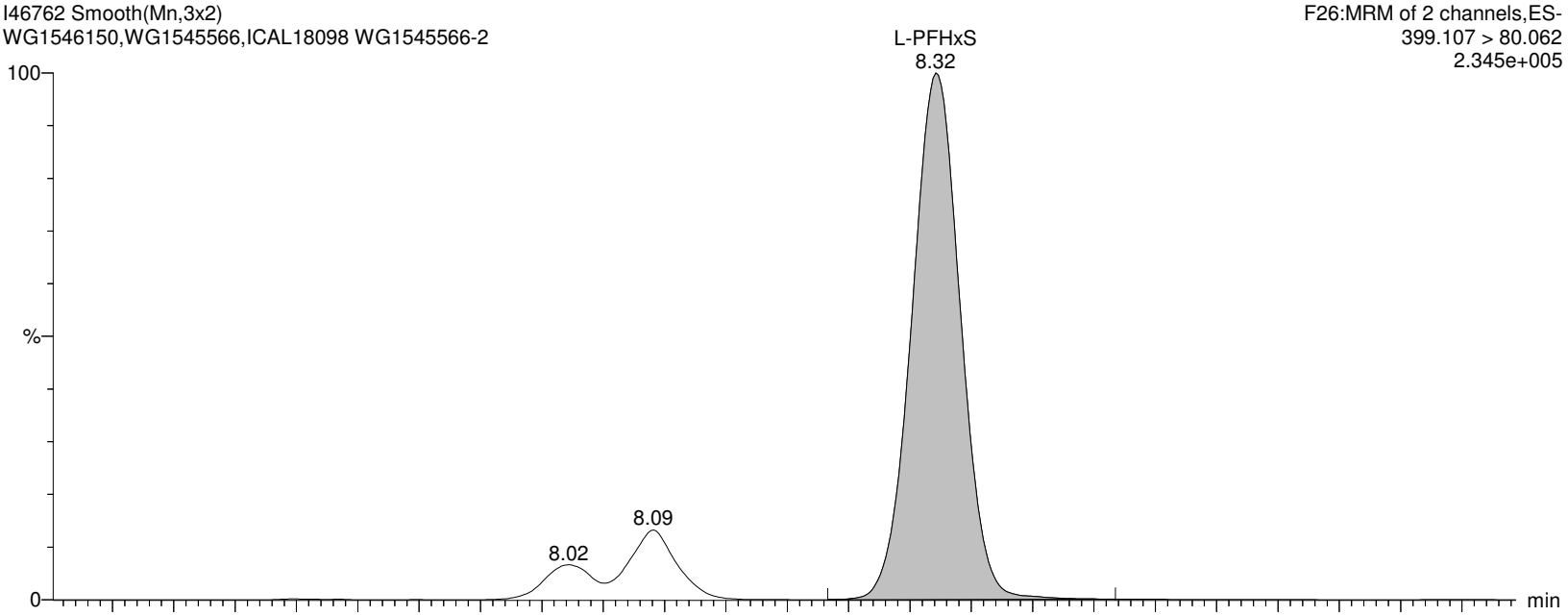


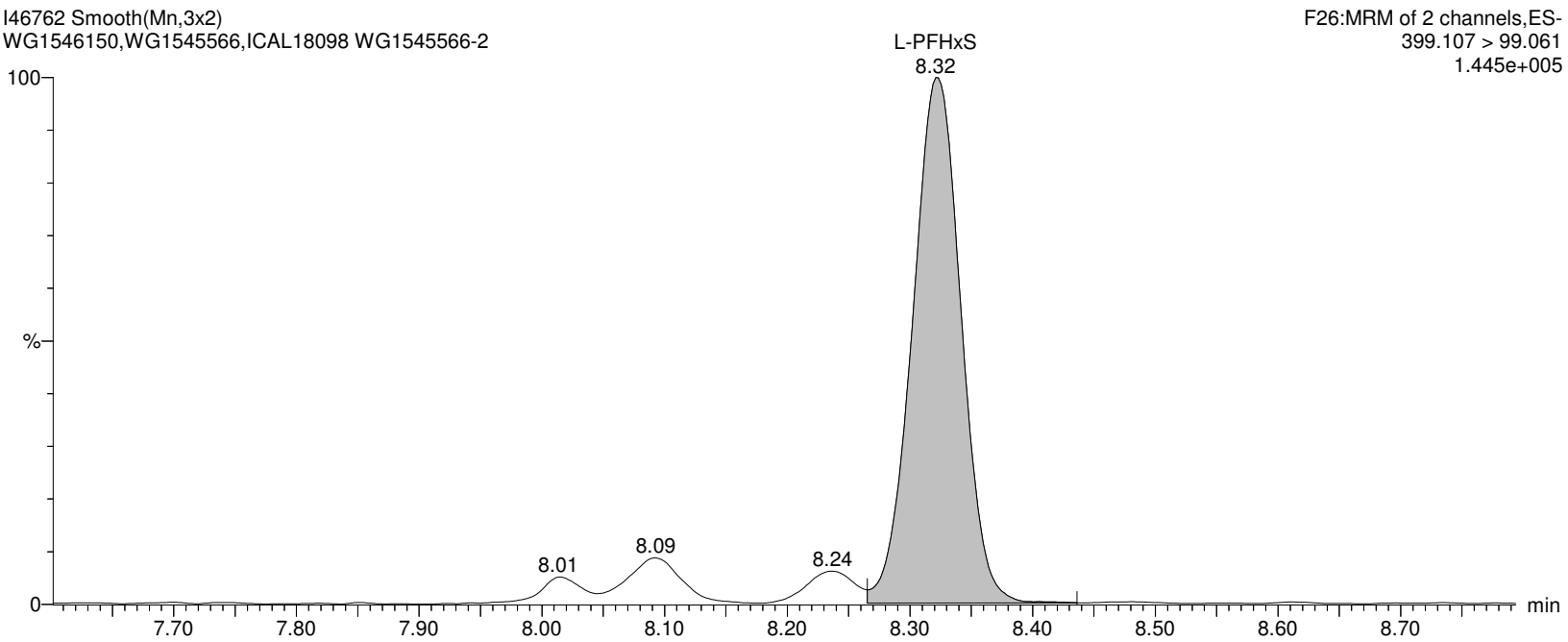
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:52 Eastern Daylight Time

Name: I46762
ID: WG1545566-2
Date: 15-Sep-2021
Time: 04:36:05
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFHxS



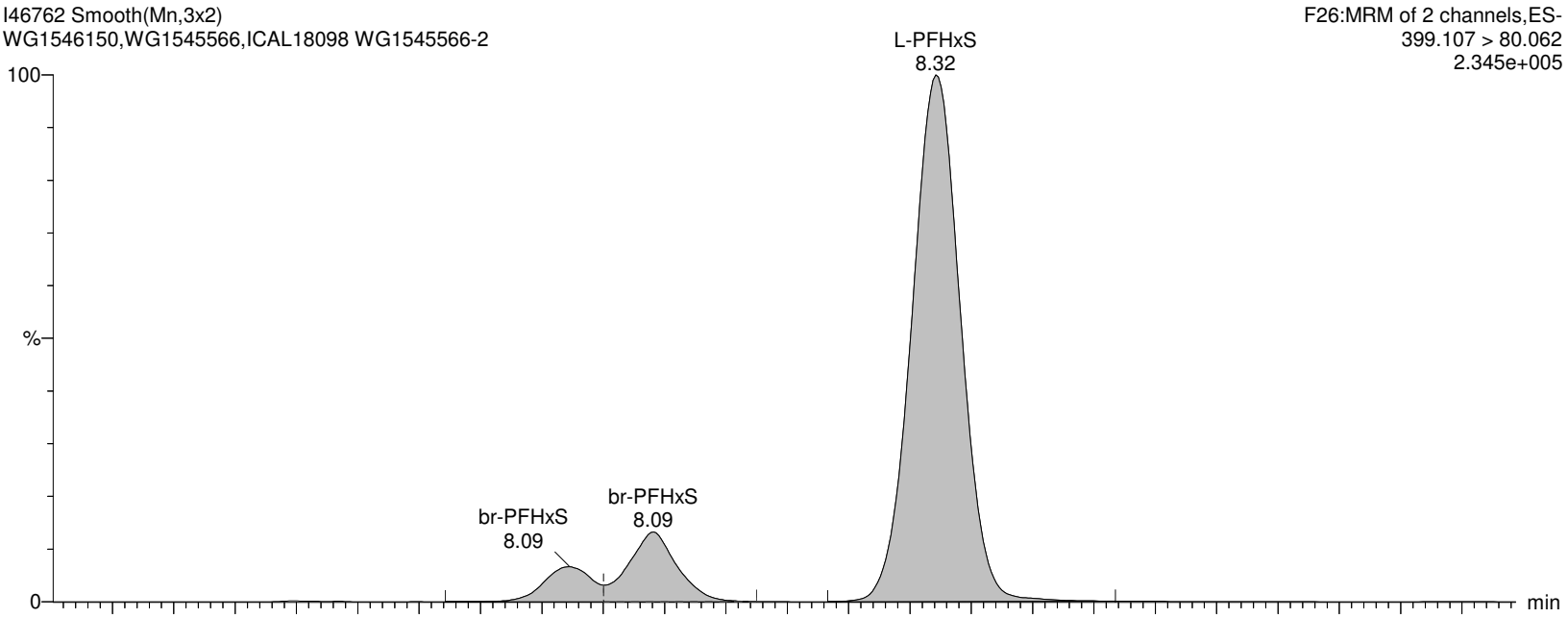


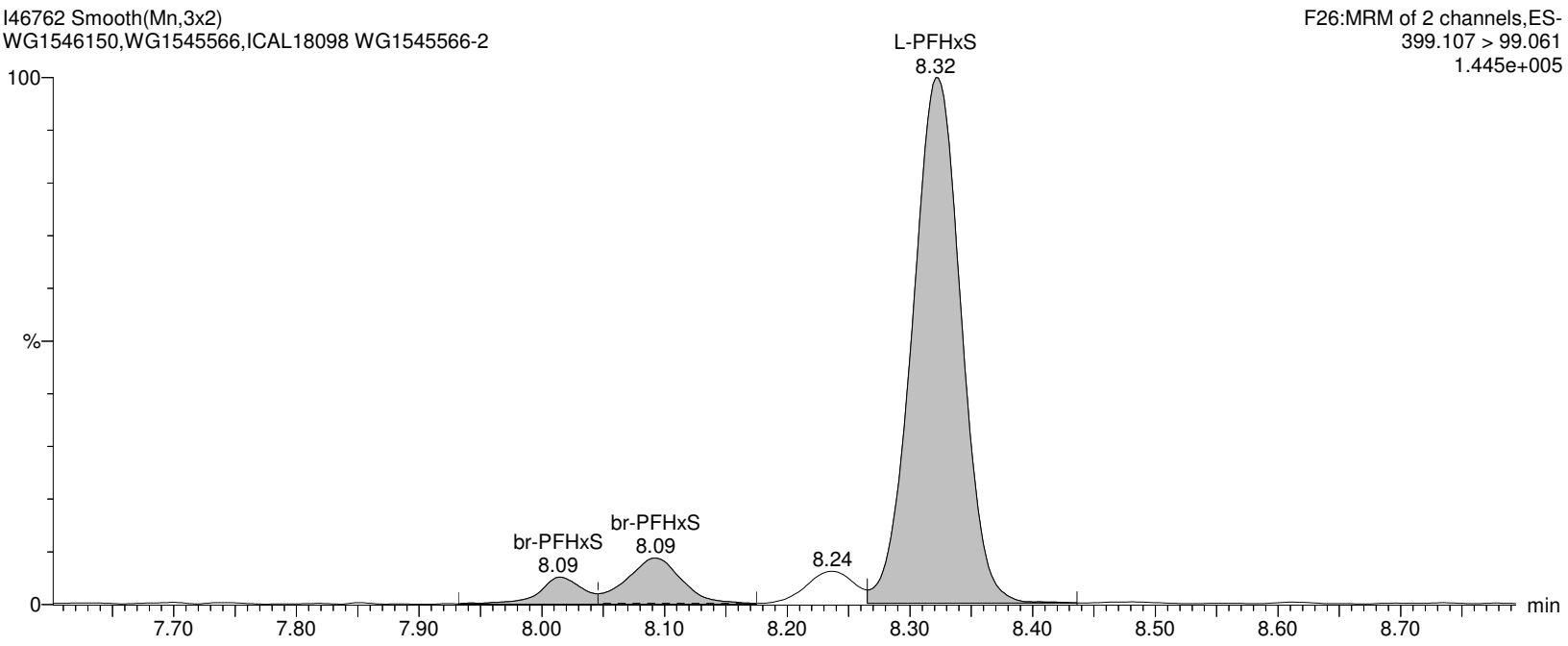
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:52 Eastern Daylight Time

Name: I46762
ID: WG1545566-2
Date: 15-Sep-2021
Time: 04:36:05
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxS



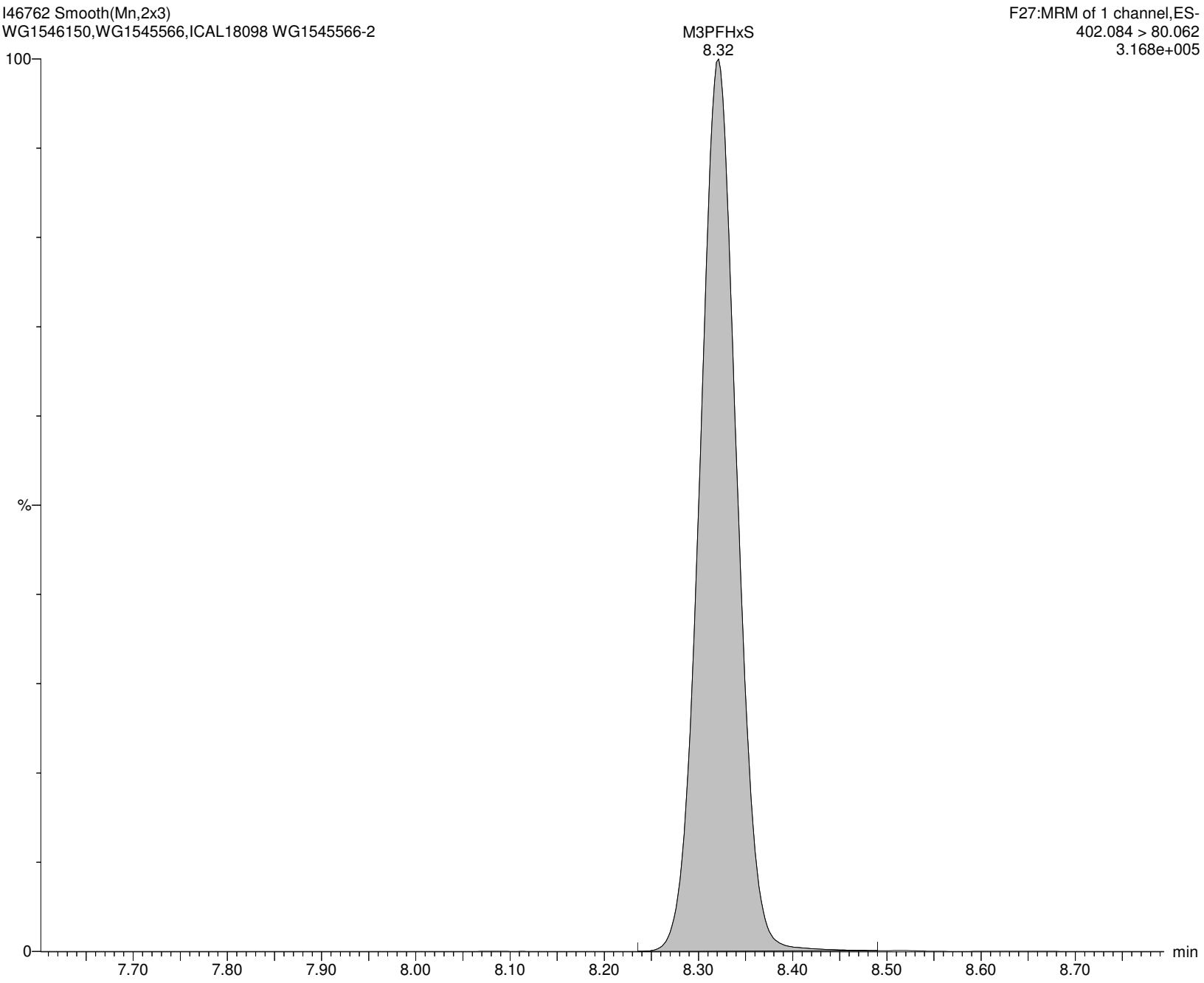


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:52 Eastern Daylight Time

Name: I46762
ID: WG1545566-2
Date: 15-Sep-2021
Time: 04:36:05
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFHxS

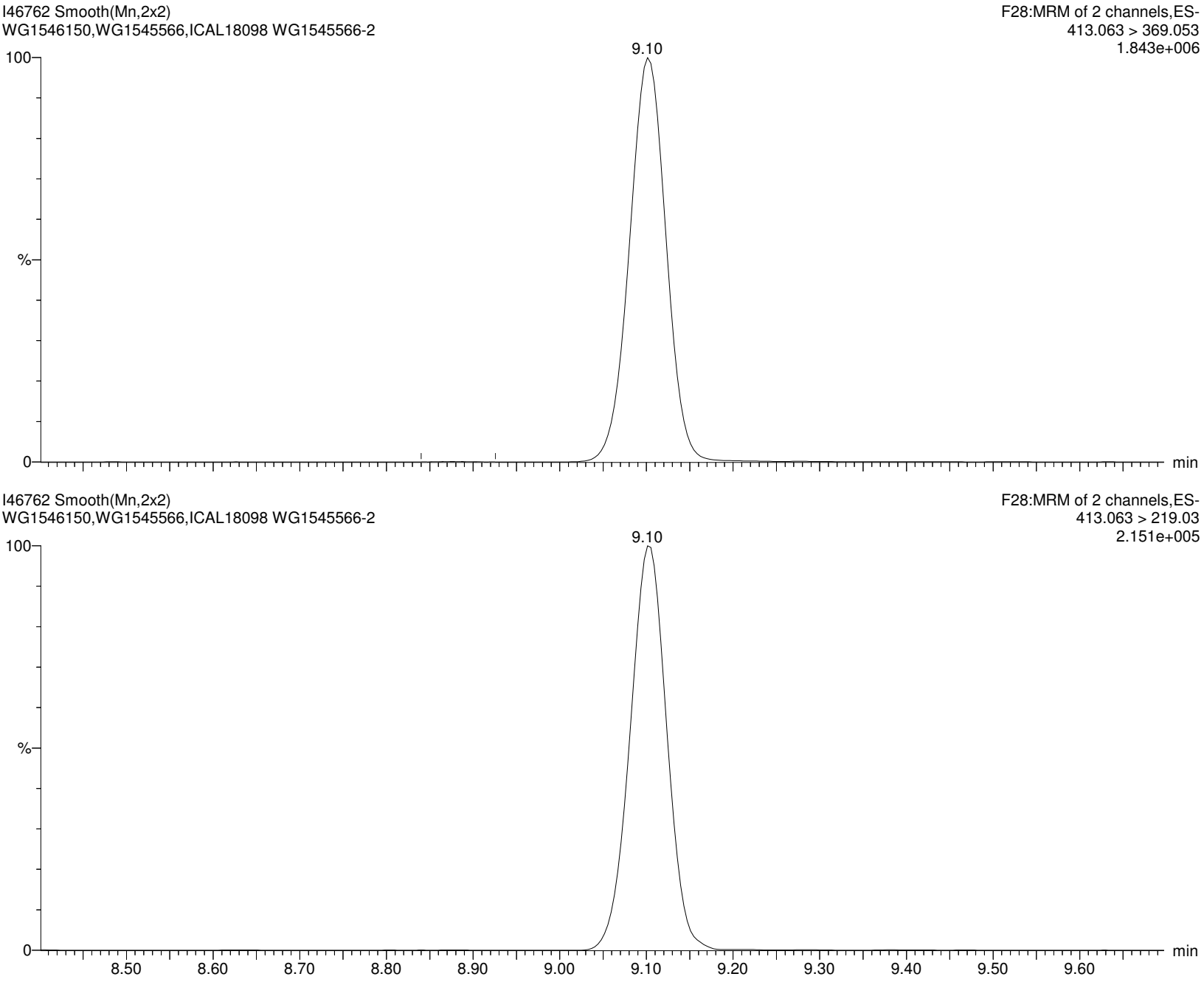


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:52 Eastern Daylight Time

Name: I46762
ID: WG1545566-2
Date: 15-Sep-2021
Time: 04:36:05
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOA

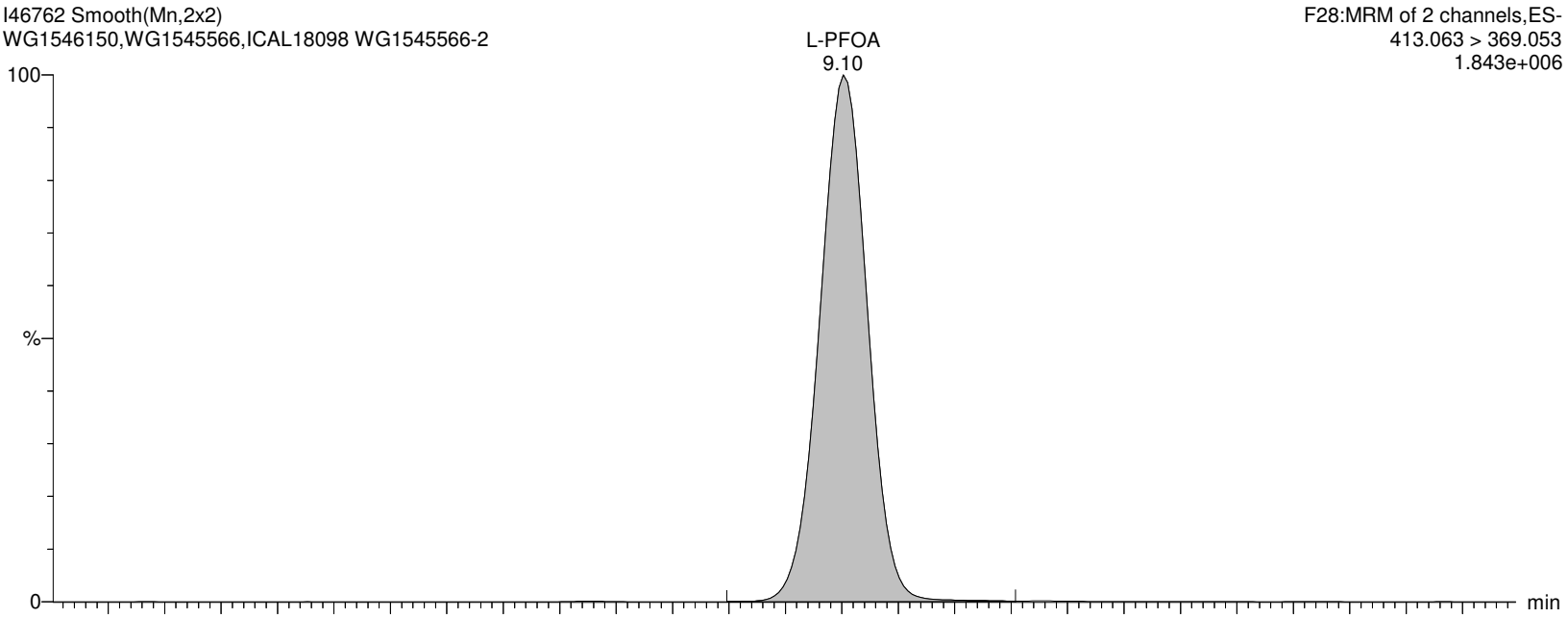


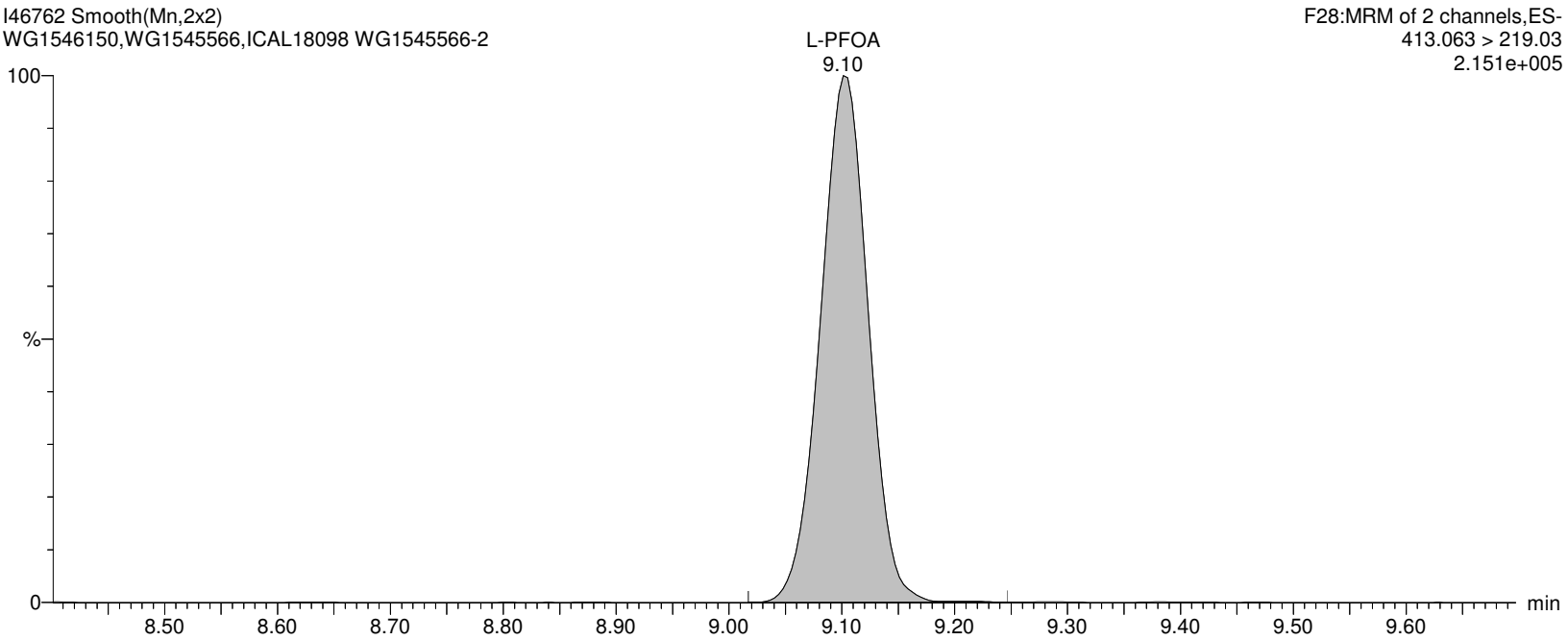
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:52 Eastern Daylight Time

Name: I46762
ID: WG1545566-2
Date: 15-Sep-2021
Time: 04:36:05
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOA



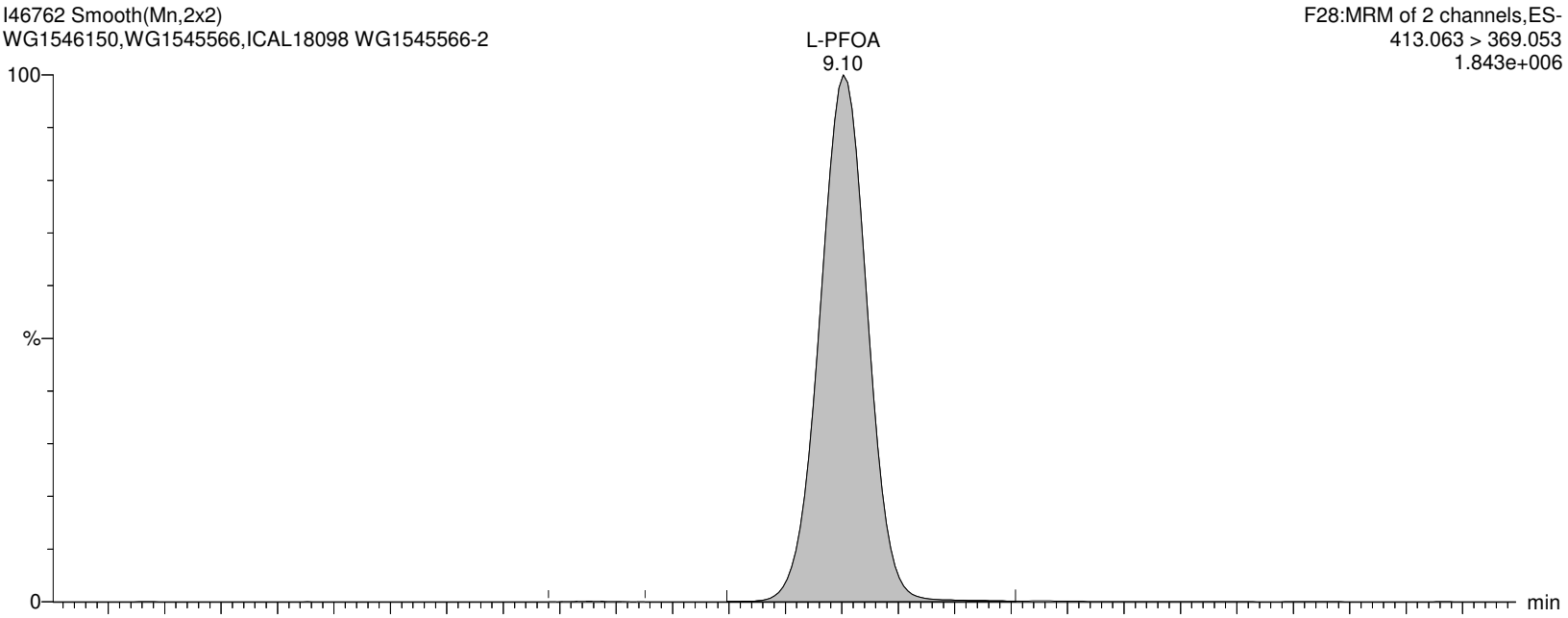


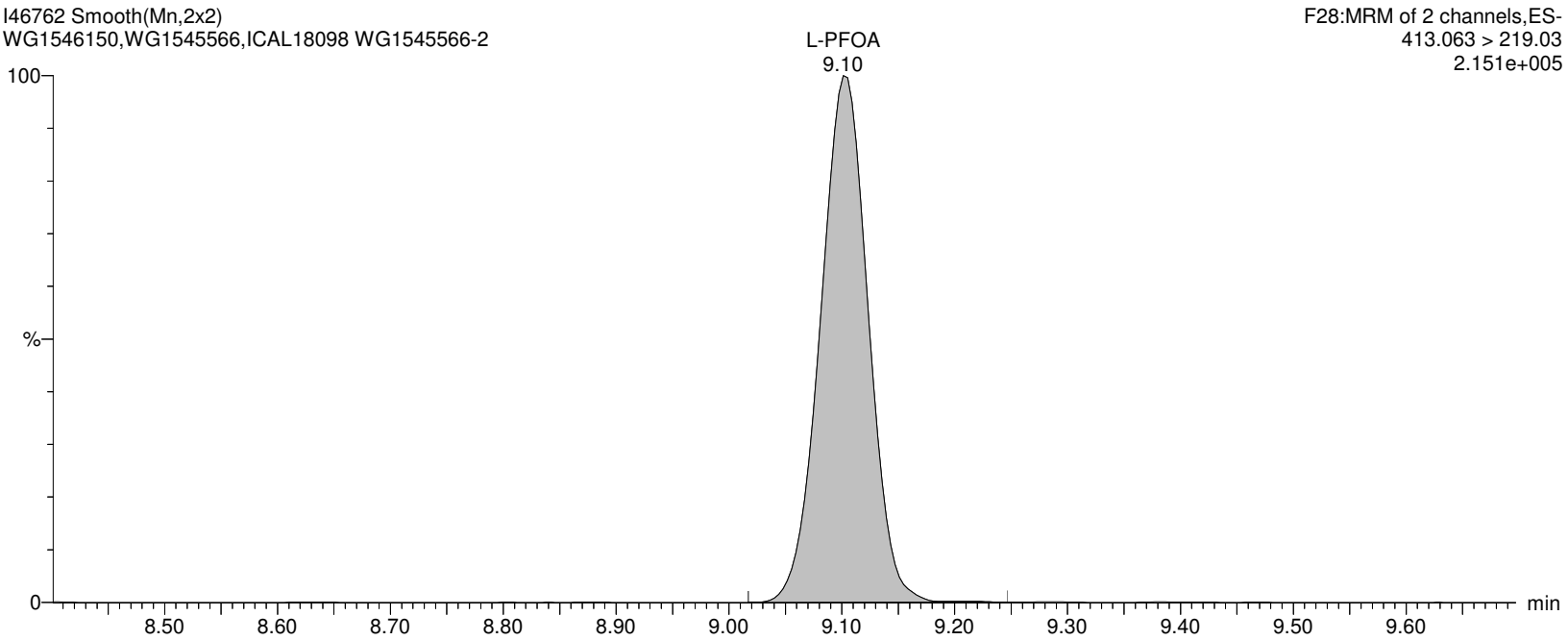
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:52 Eastern Daylight Time

Name: I46762
ID: WG1545566-2
Date: 15-Sep-2021
Time: 04:36:05
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOA



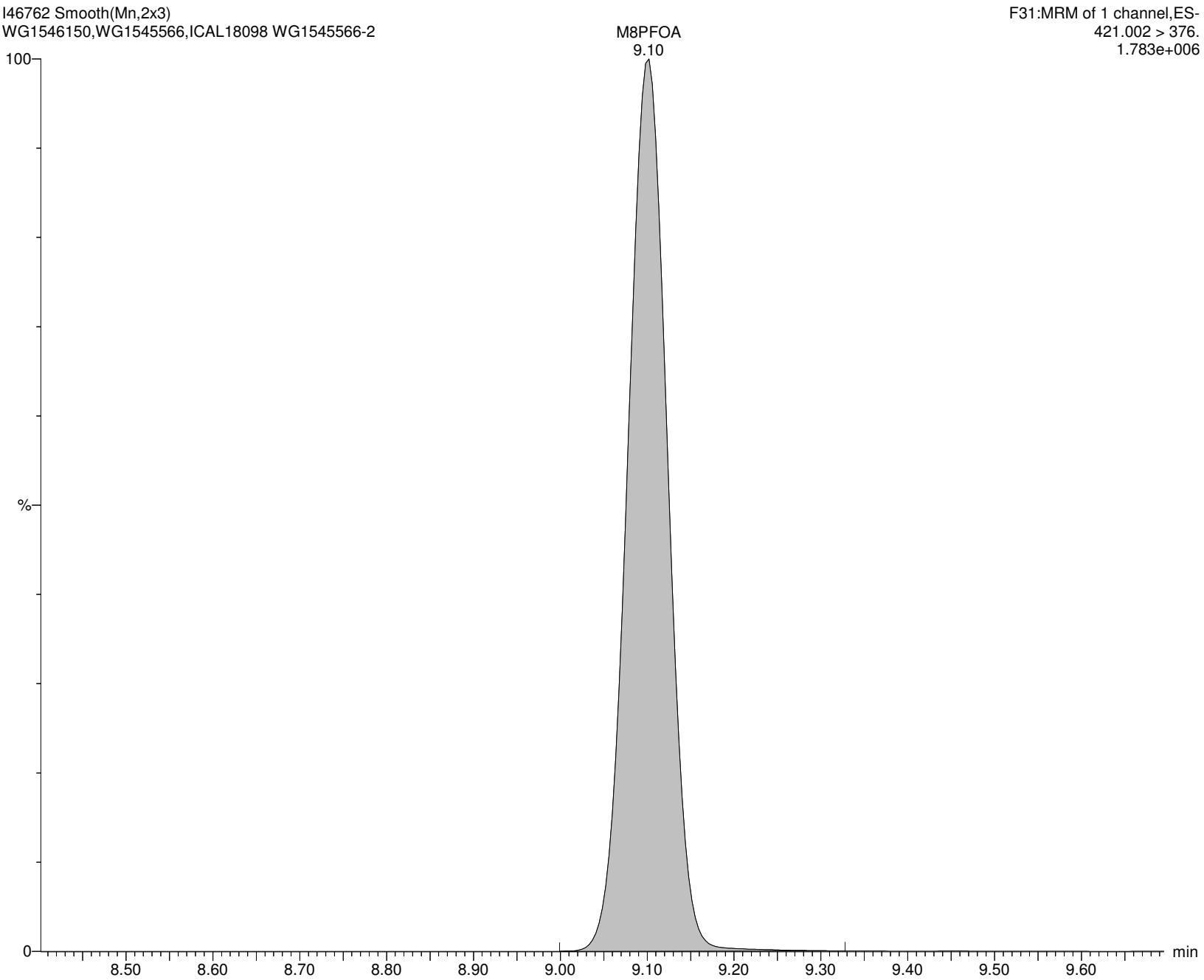


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:52 Eastern Daylight Time

Name: I46762
ID: WG1545566-2
Date: 15-Sep-2021
Time: 04:36:05
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOA

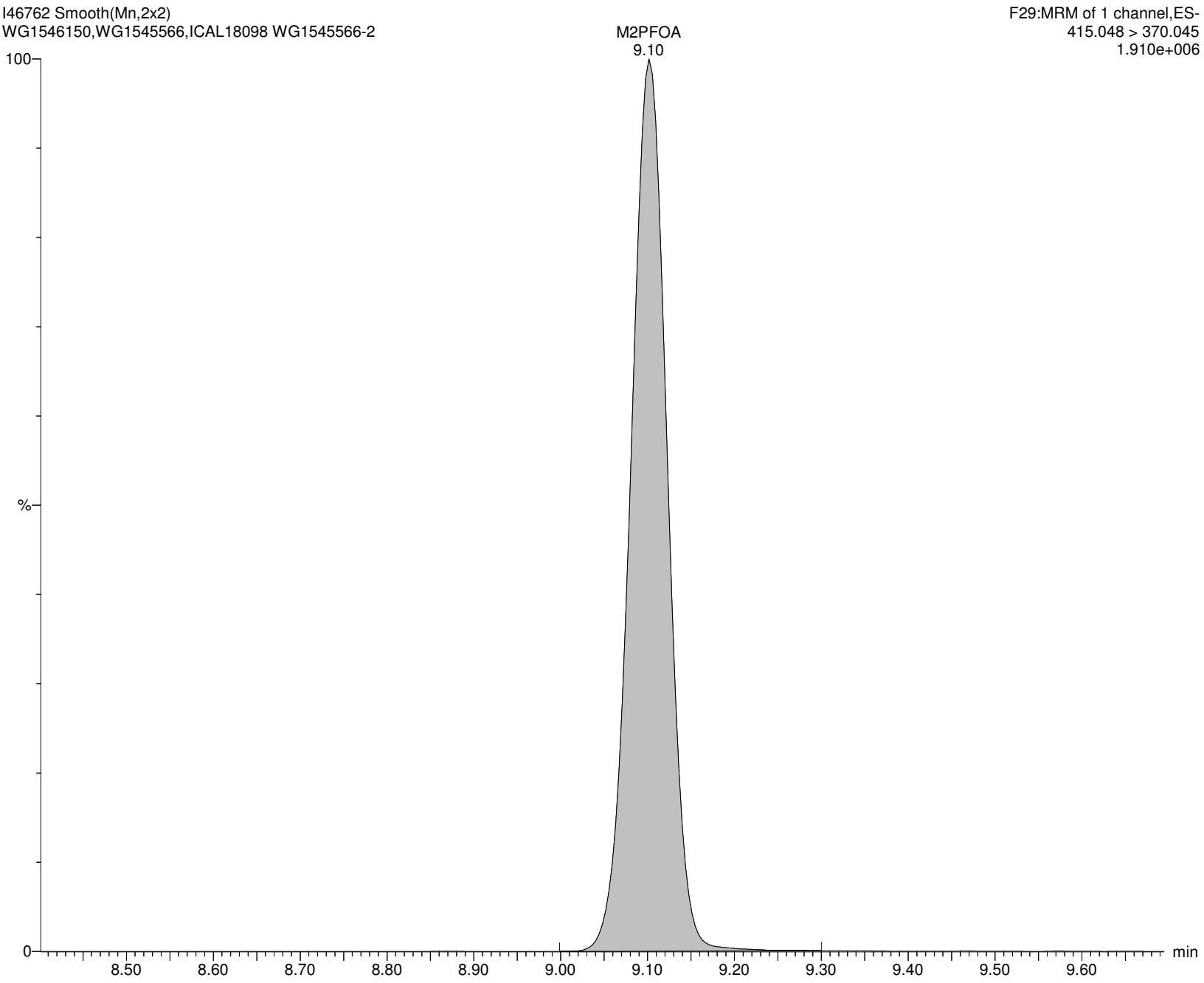


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:52 Eastern Daylight Time

Name: I46762
ID: WG1545566-2
Date: 15-Sep-2021
Time: 04:36:05
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFOA

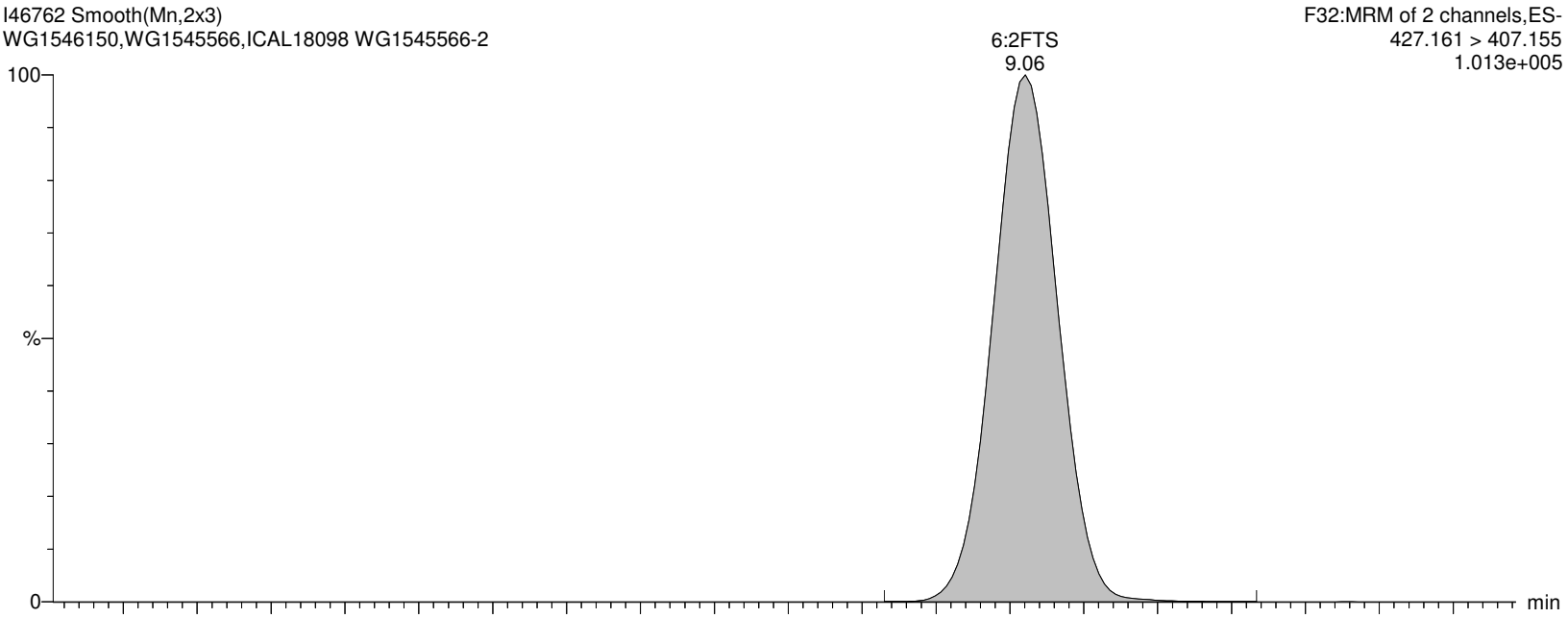


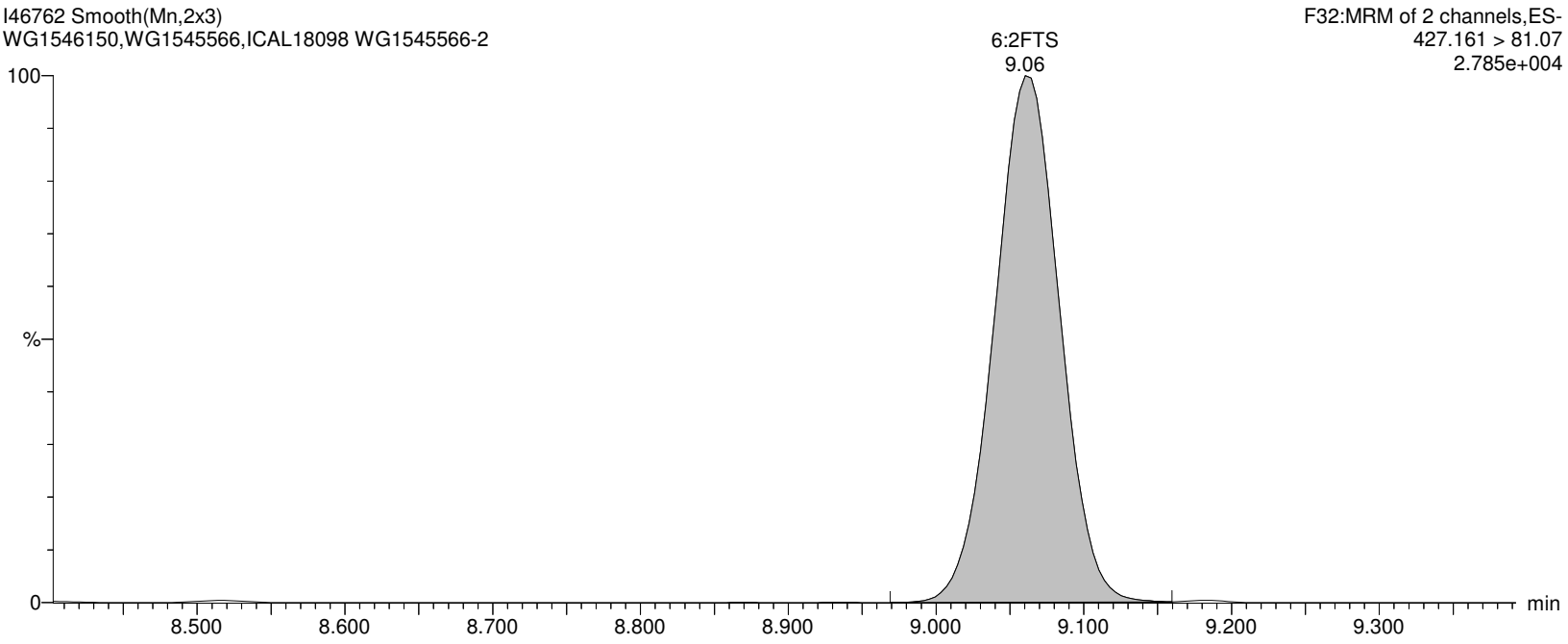
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:52 Eastern Daylight Time

Name: I46762
ID: WG1545566-2
Date: 15-Sep-2021
Time: 04:36:05
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

6:2FTS



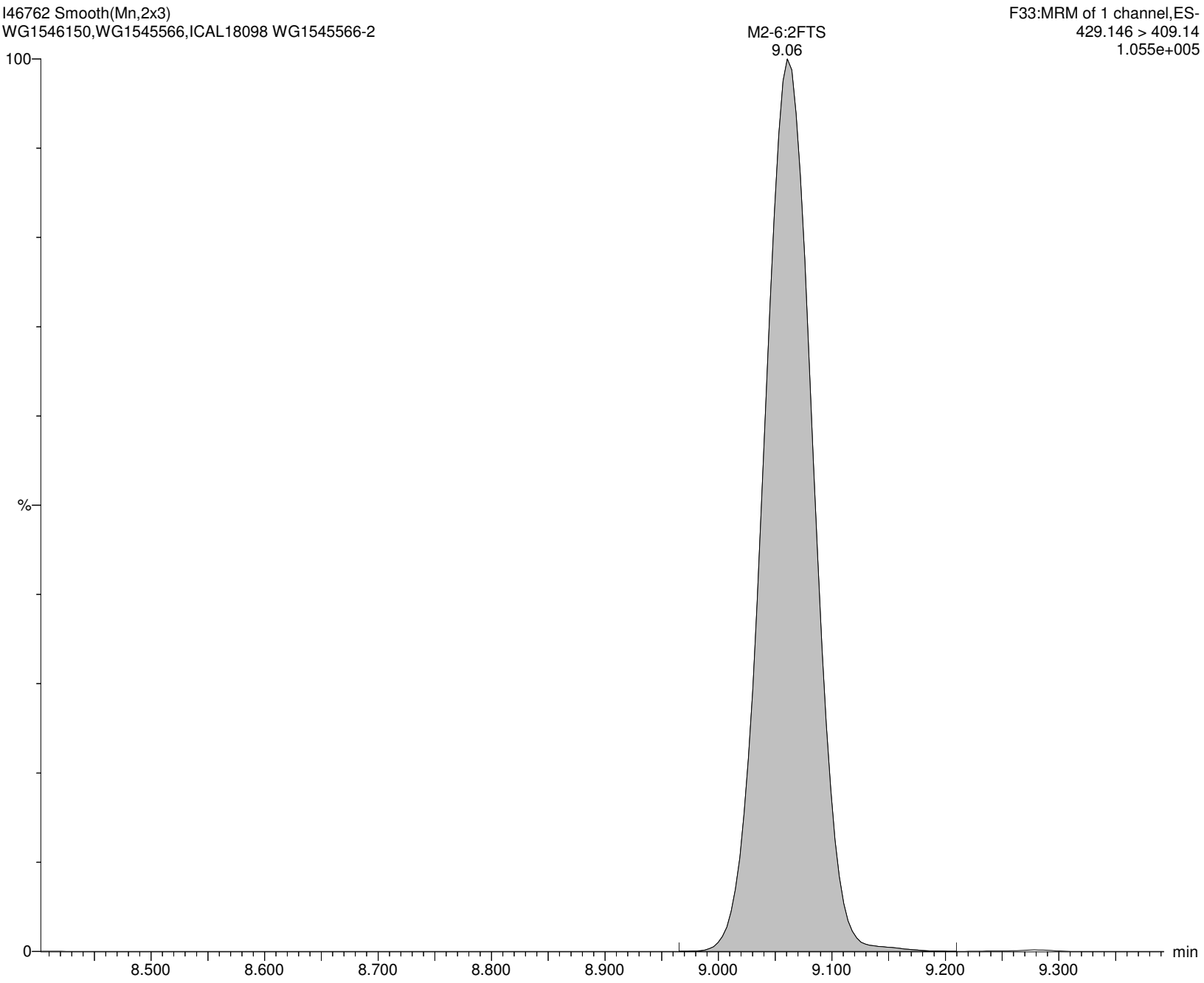


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:52 Eastern Daylight Time

Name: I46762
ID: WG1545566-2
Date: 15-Sep-2021
Time: 04:36:05
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-6:2FTS

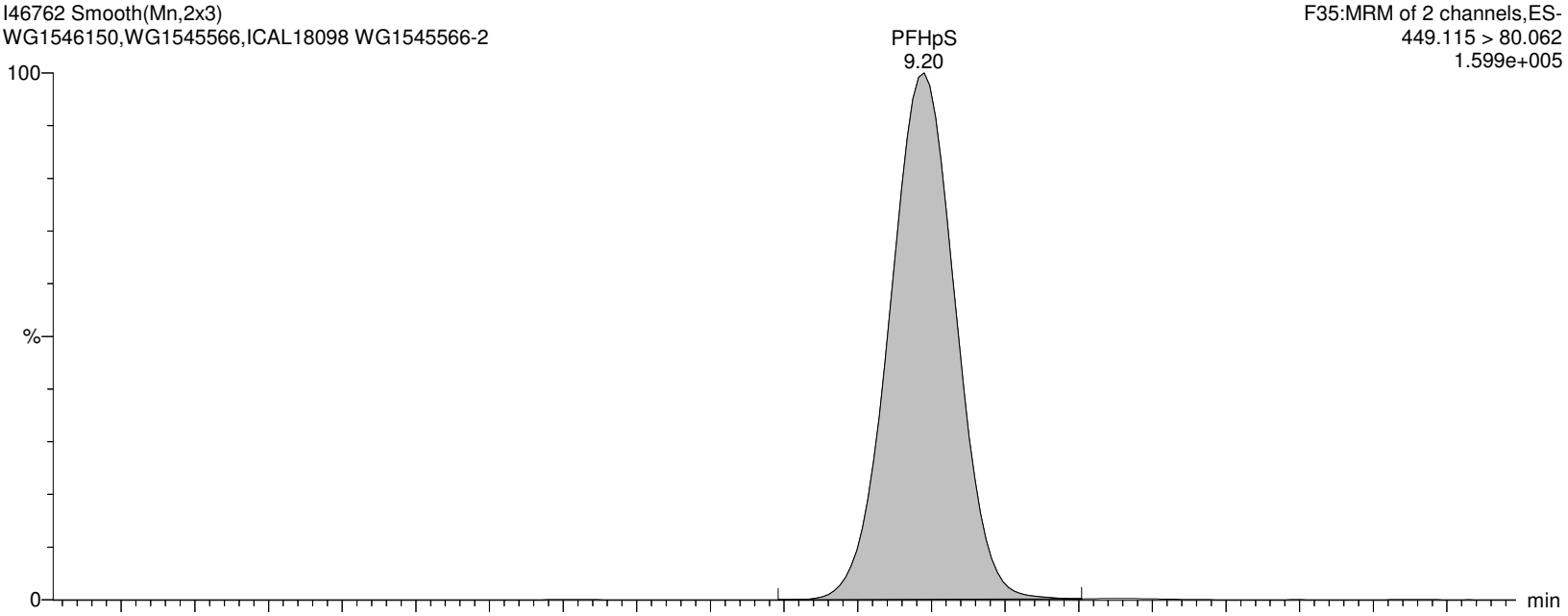


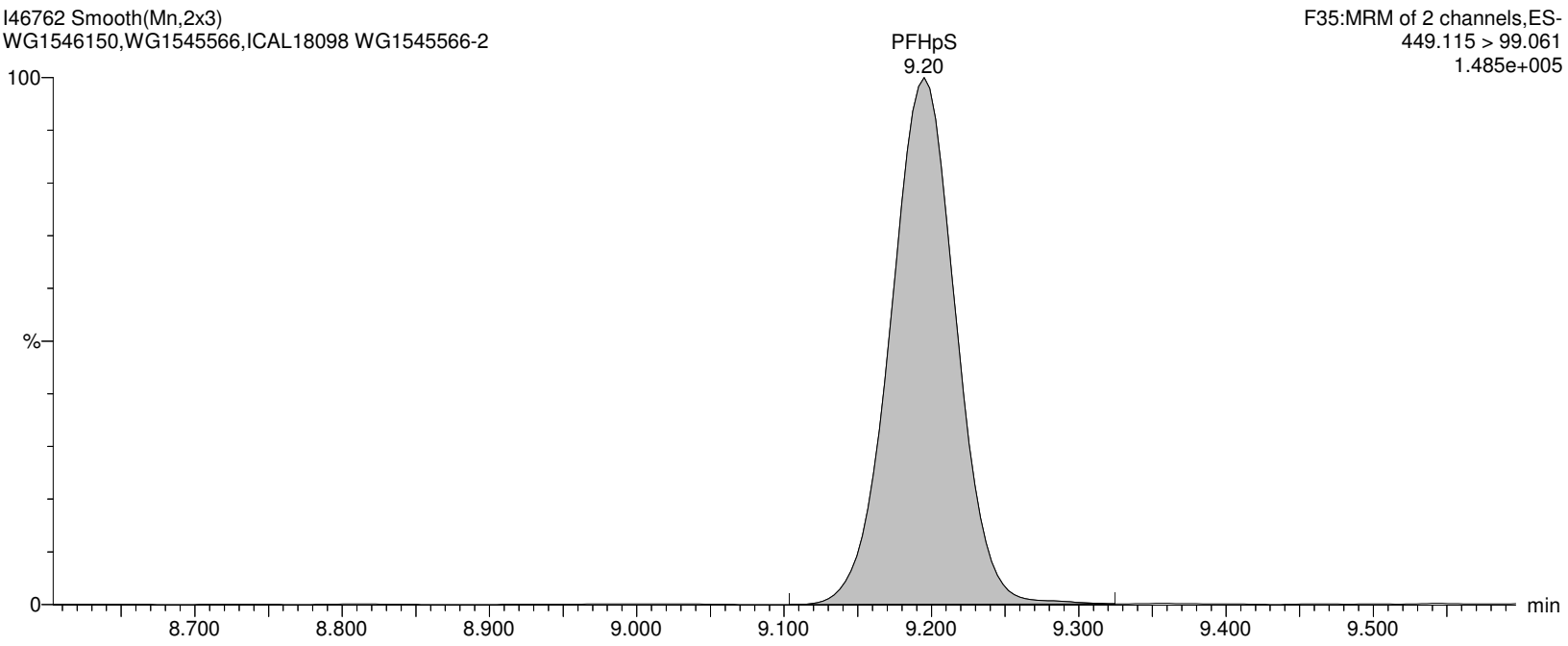
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:52 Eastern Daylight Time

Name: I46762
ID: WG1545566-2
Date: 15-Sep-2021
Time: 04:36:05
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpS



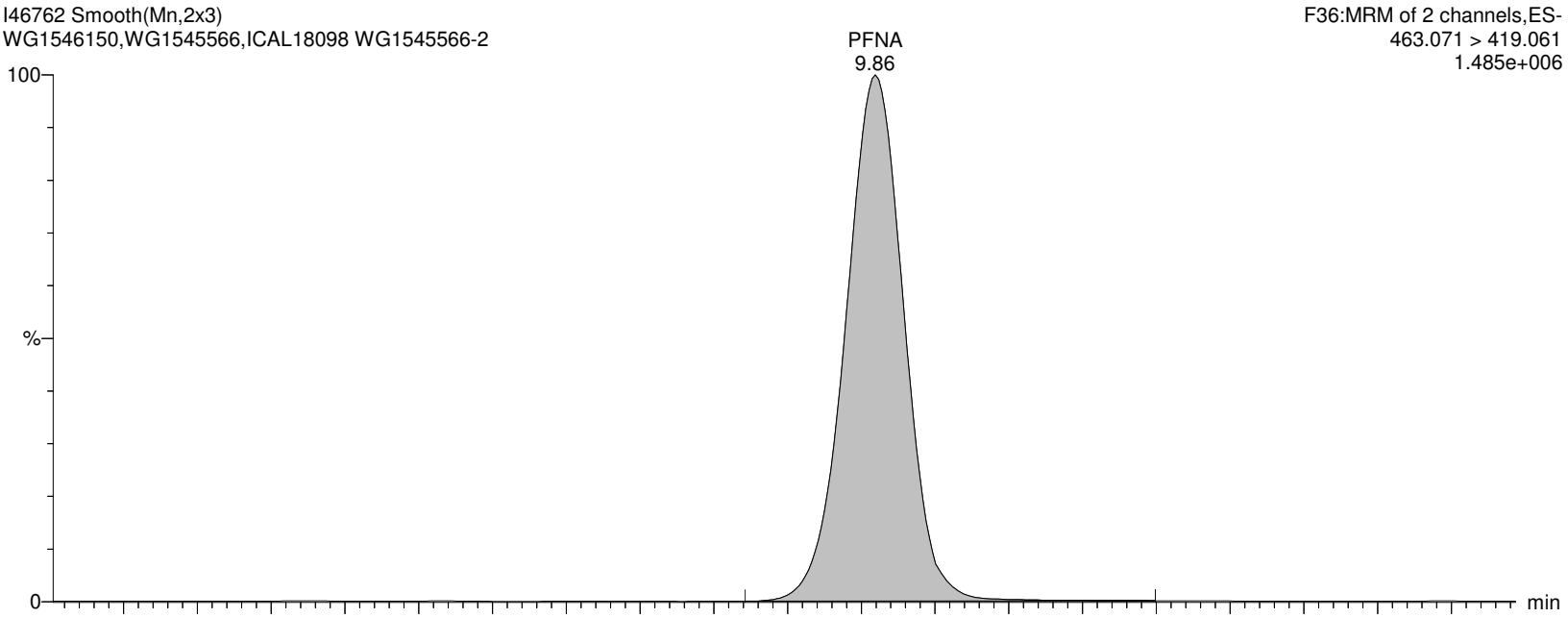


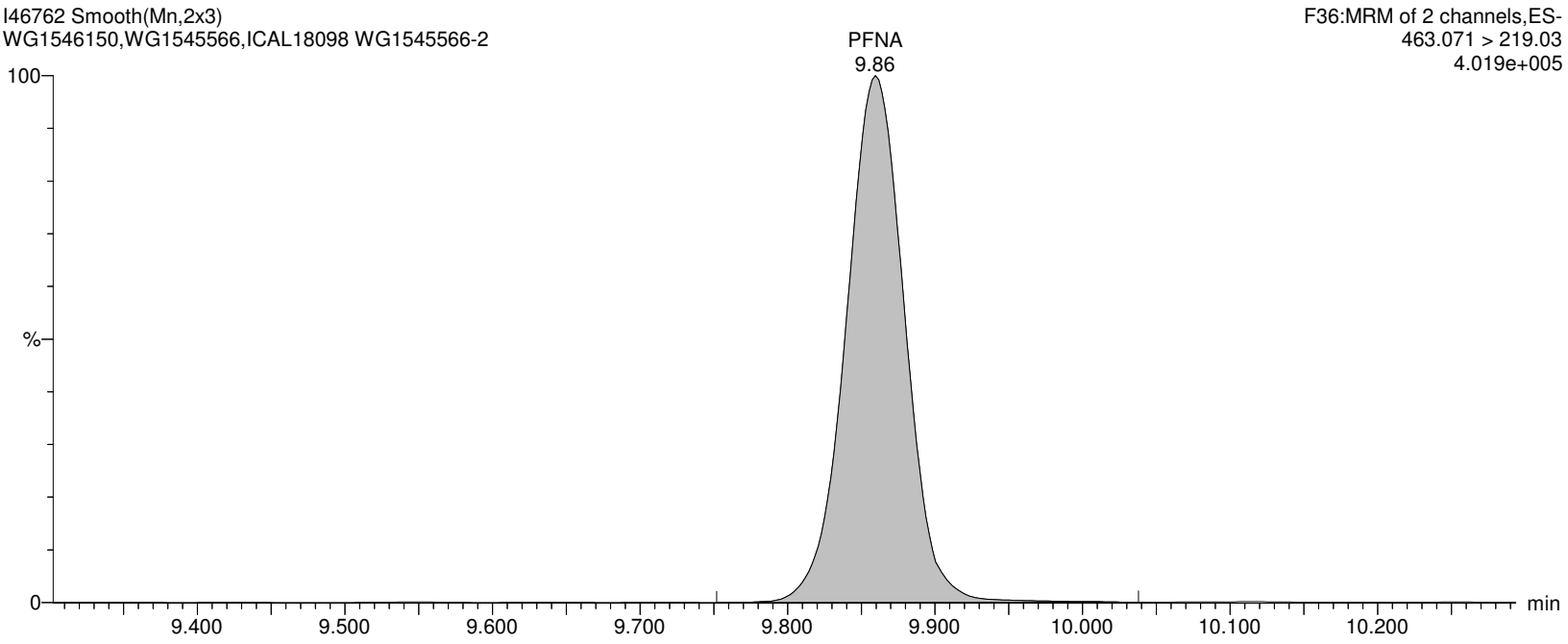
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:52 Eastern Daylight Time

Name: I46762
ID: WG1545566-2
Date: 15-Sep-2021
Time: 04:36:05
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNA



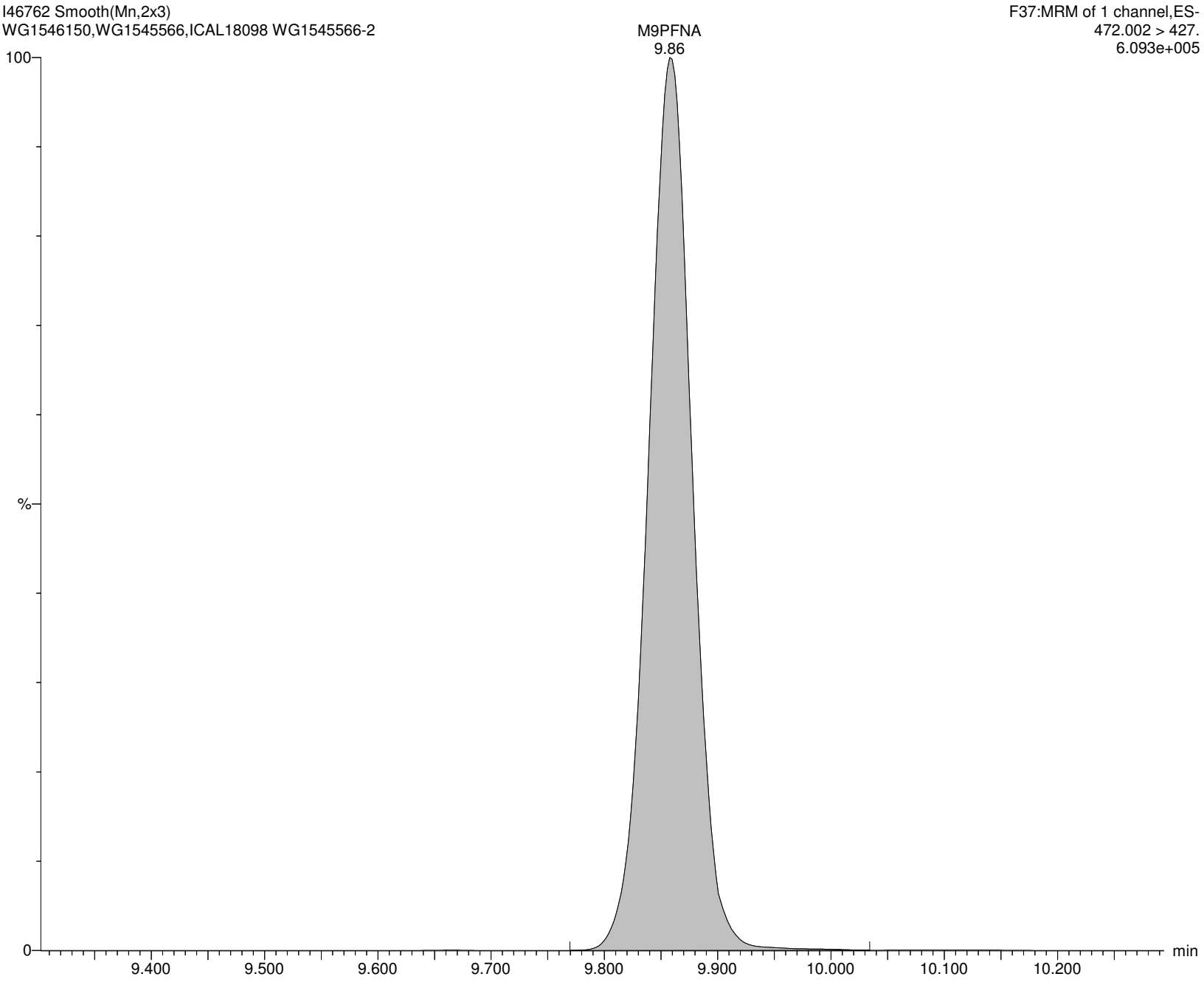


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:52 Eastern Daylight Time

Name: I46762
ID: WG1545566-2
Date: 15-Sep-2021
Time: 04:36:05
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M9PFNA

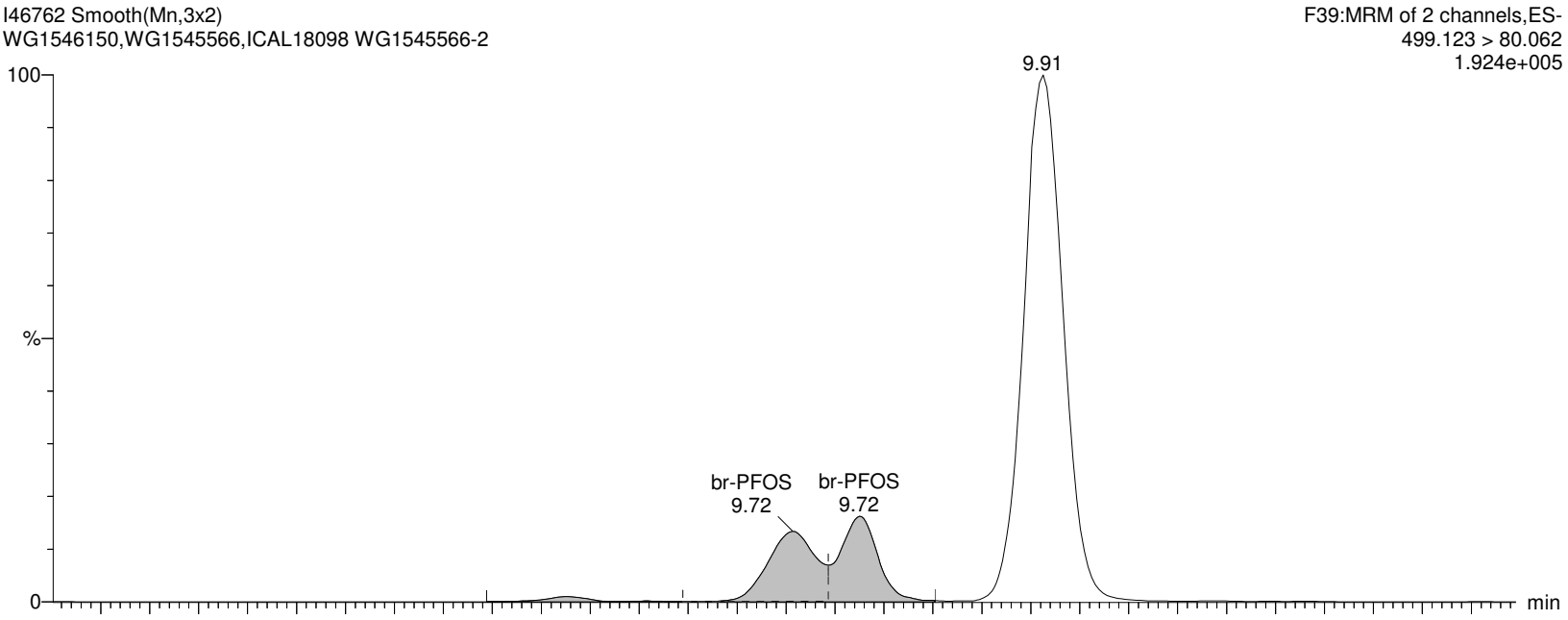


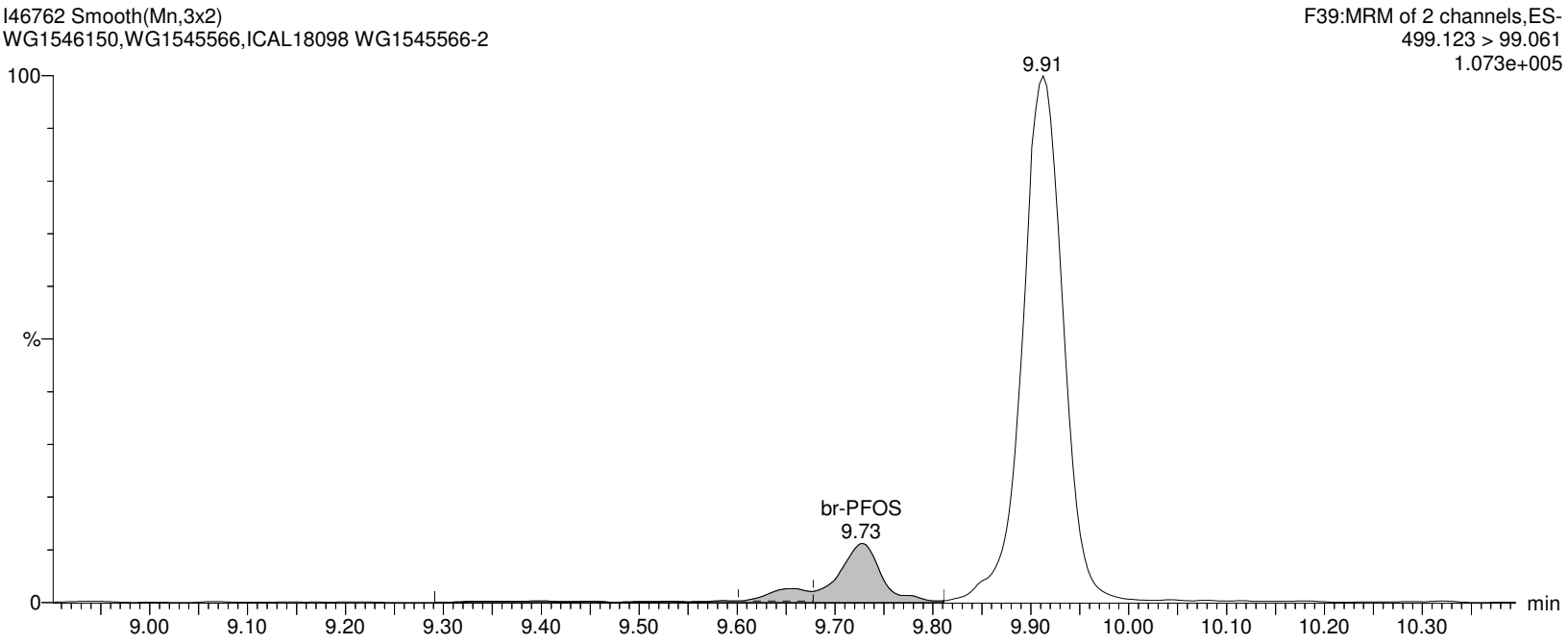
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:52 Eastern Daylight Time

Name: I46762
ID: WG1545566-2
Date: 15-Sep-2021
Time: 04:36:05
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOS



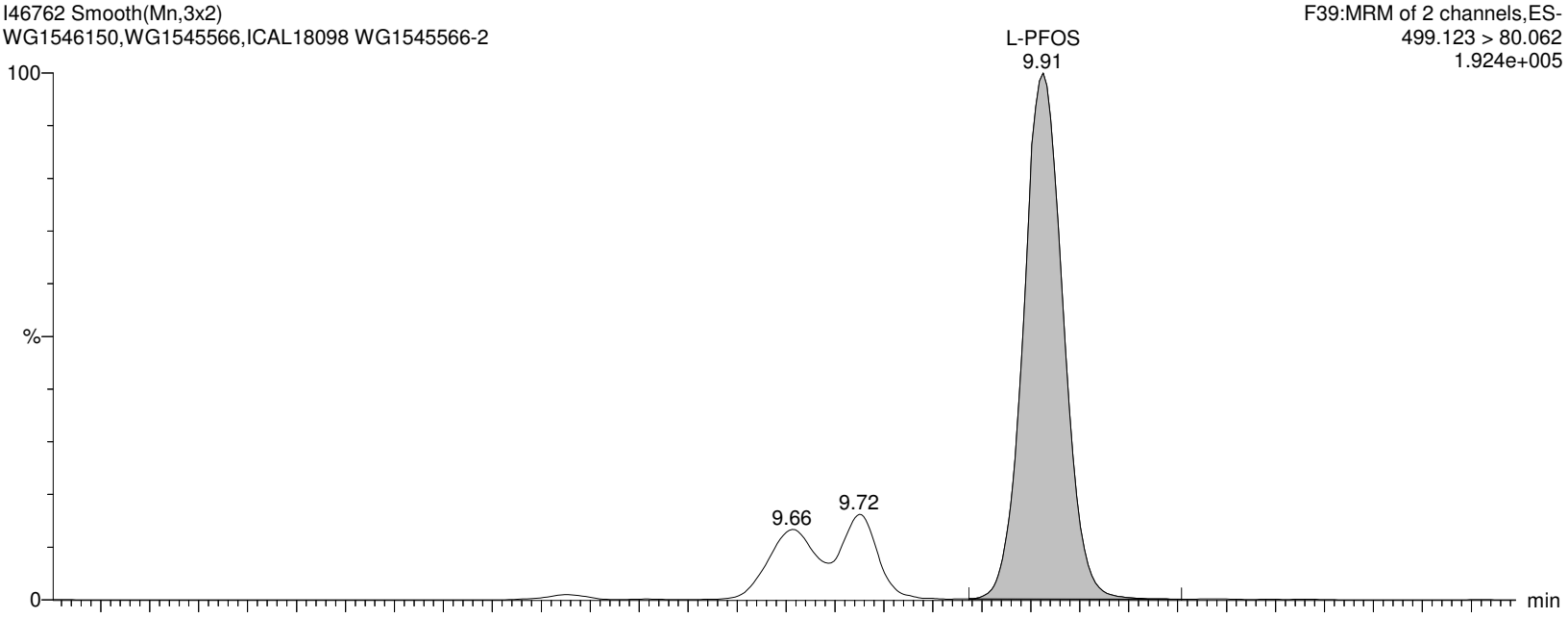


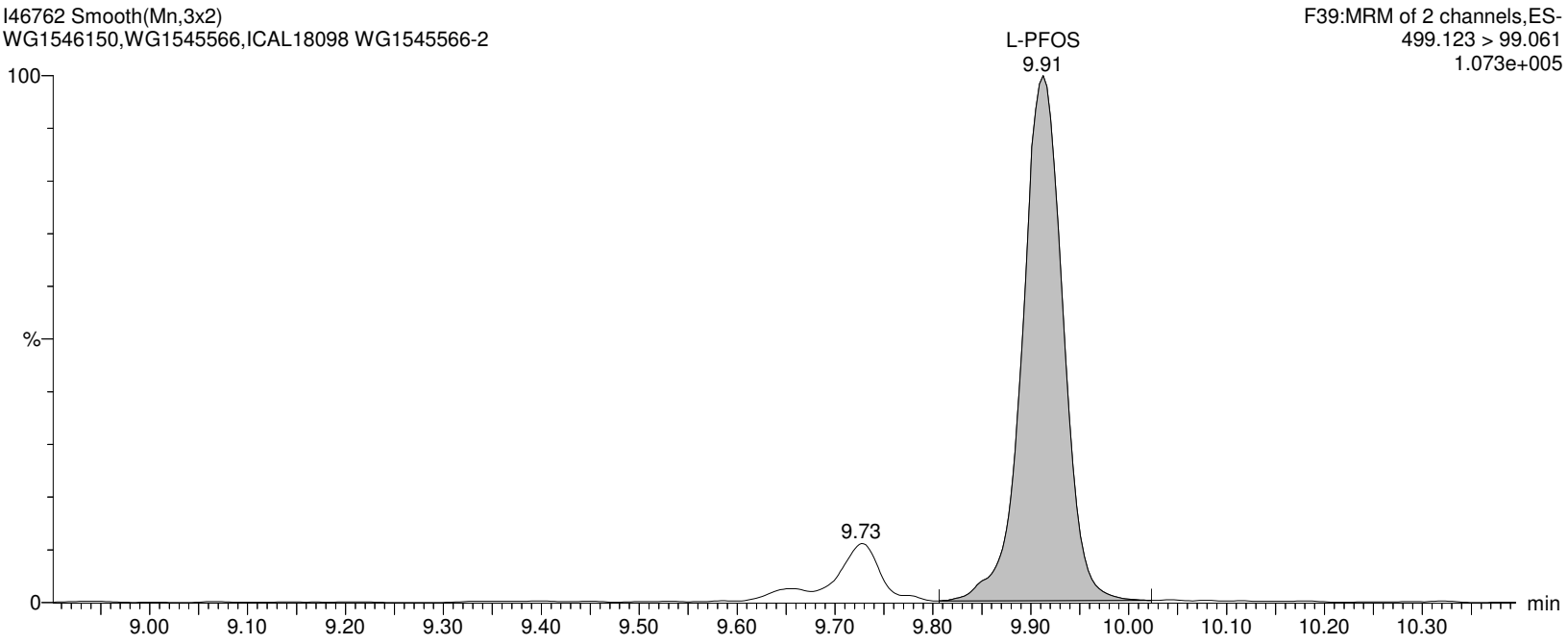
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:52 Eastern Daylight Time

Name: I46762
ID: WG1545566-2
Date: 15-Sep-2021
Time: 04:36:05
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOS



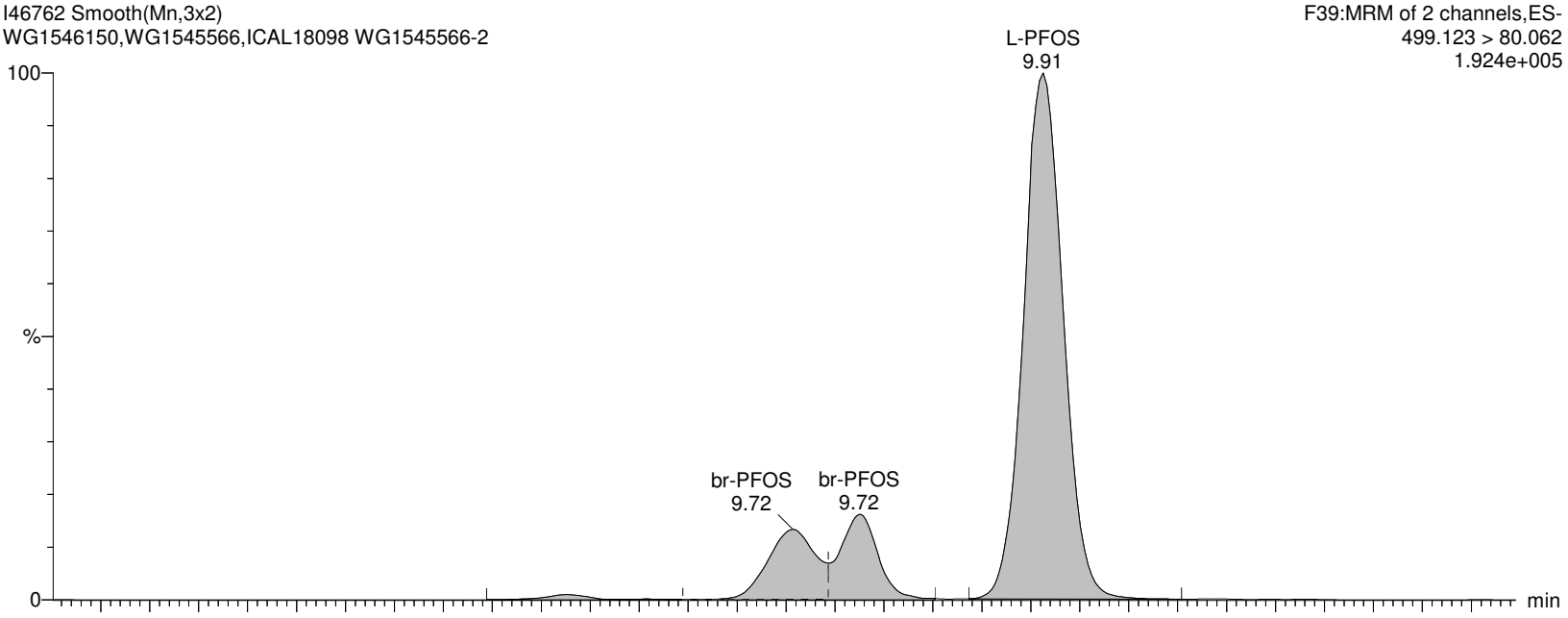


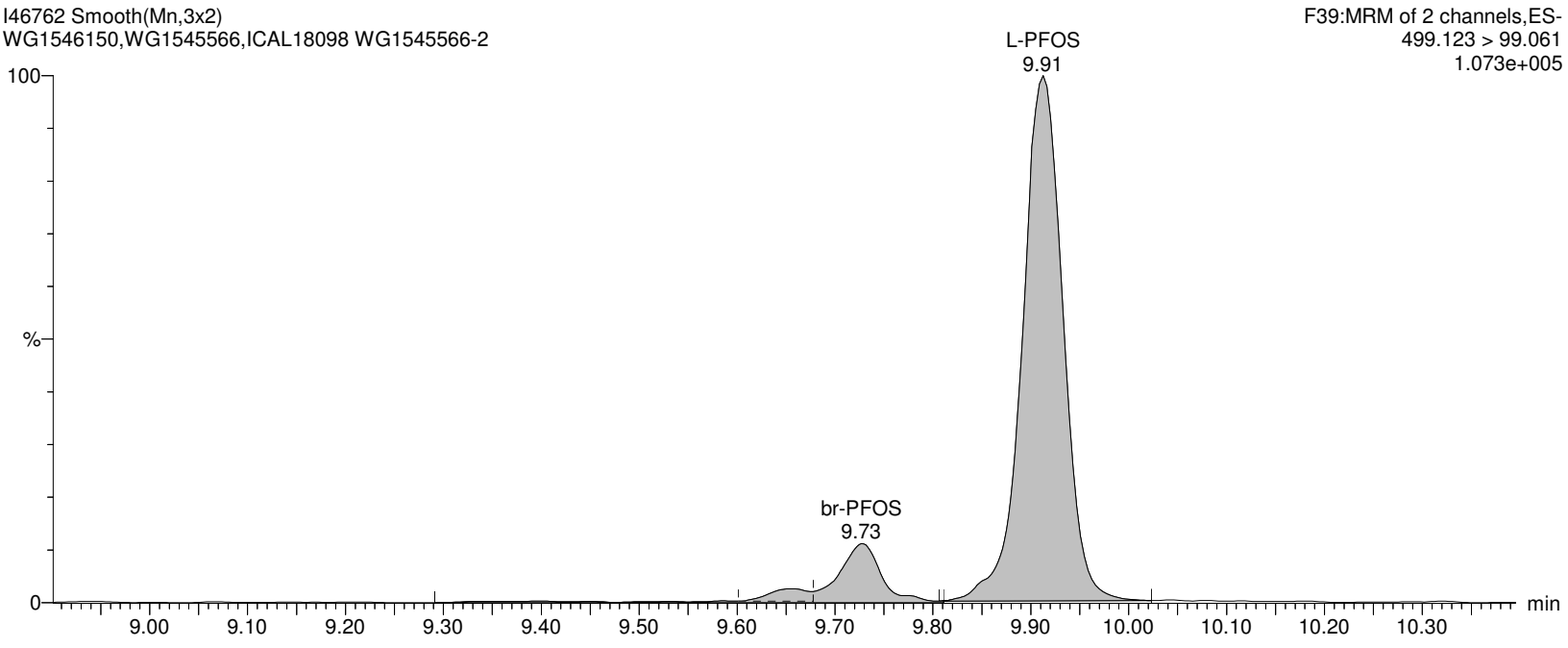
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:52 Eastern Daylight Time

Name: I46762
ID: WG1545566-2
Date: 15-Sep-2021
Time: 04:36:05
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOS



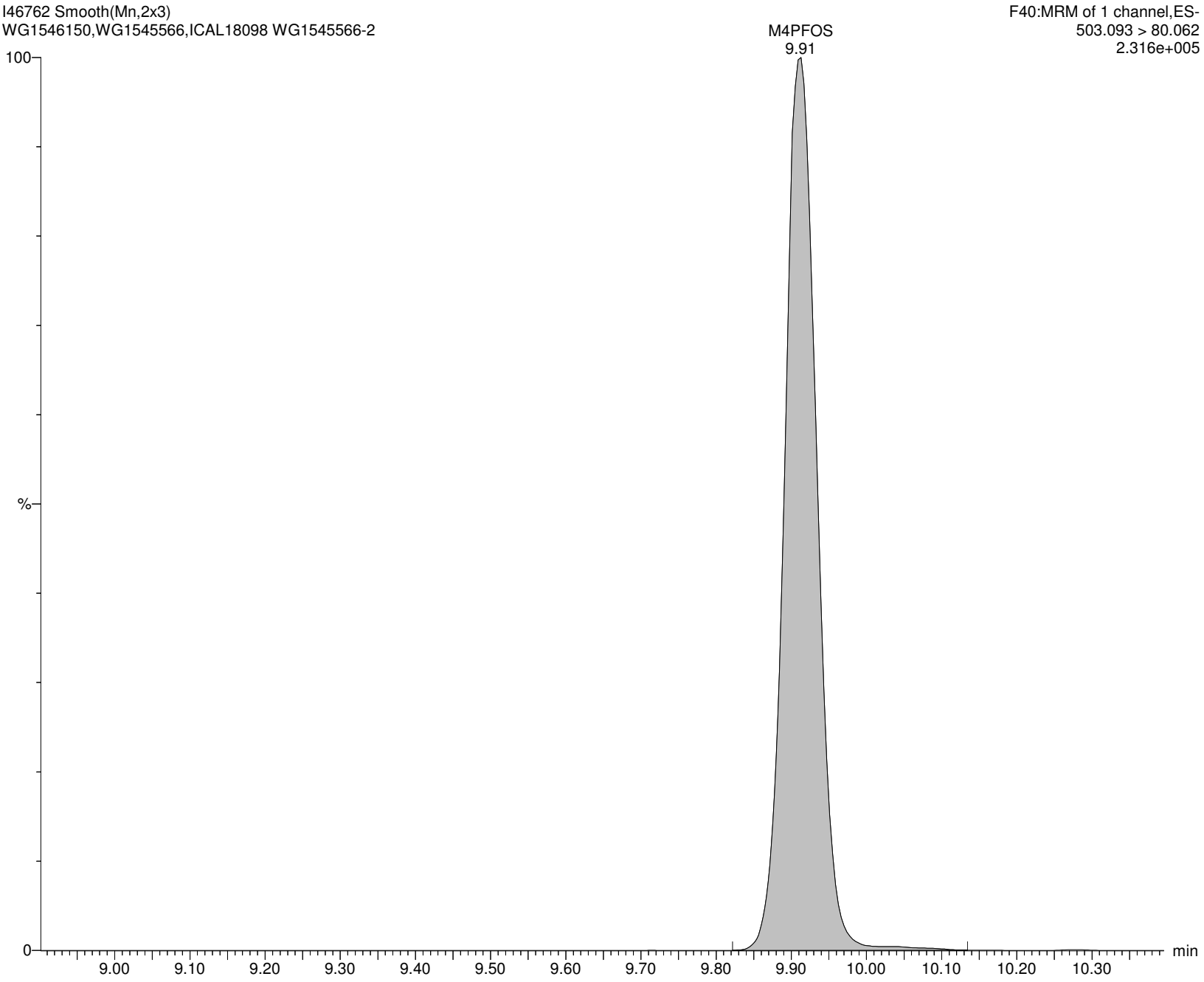


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:52 Eastern Daylight Time

Name: I46762
ID: WG1545566-2
Date: 15-Sep-2021
Time: 04:36:05
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOS

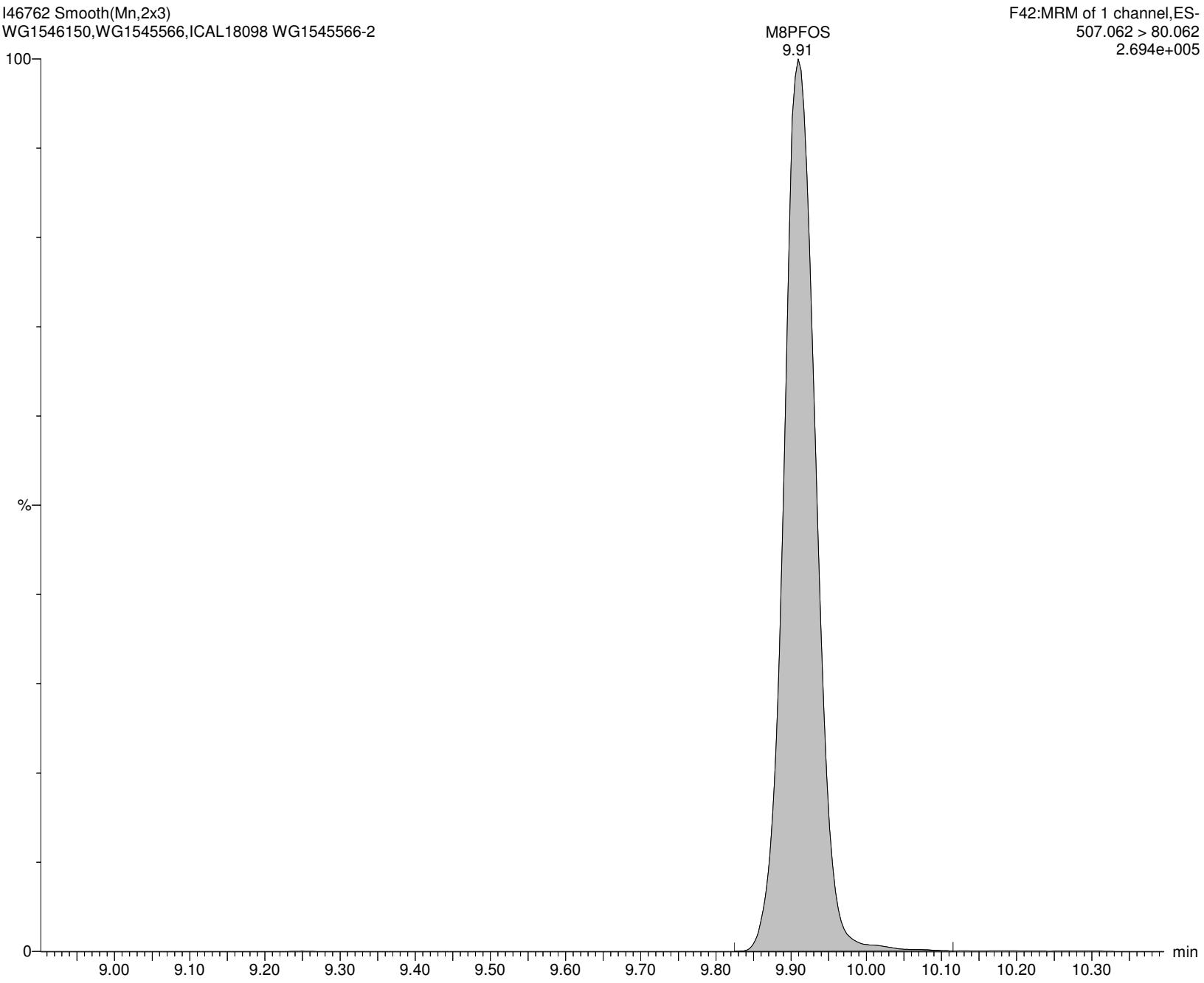


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:52 Eastern Daylight Time

Name: I46762
ID: WG1545566-2
Date: 15-Sep-2021
Time: 04:36:05
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOS

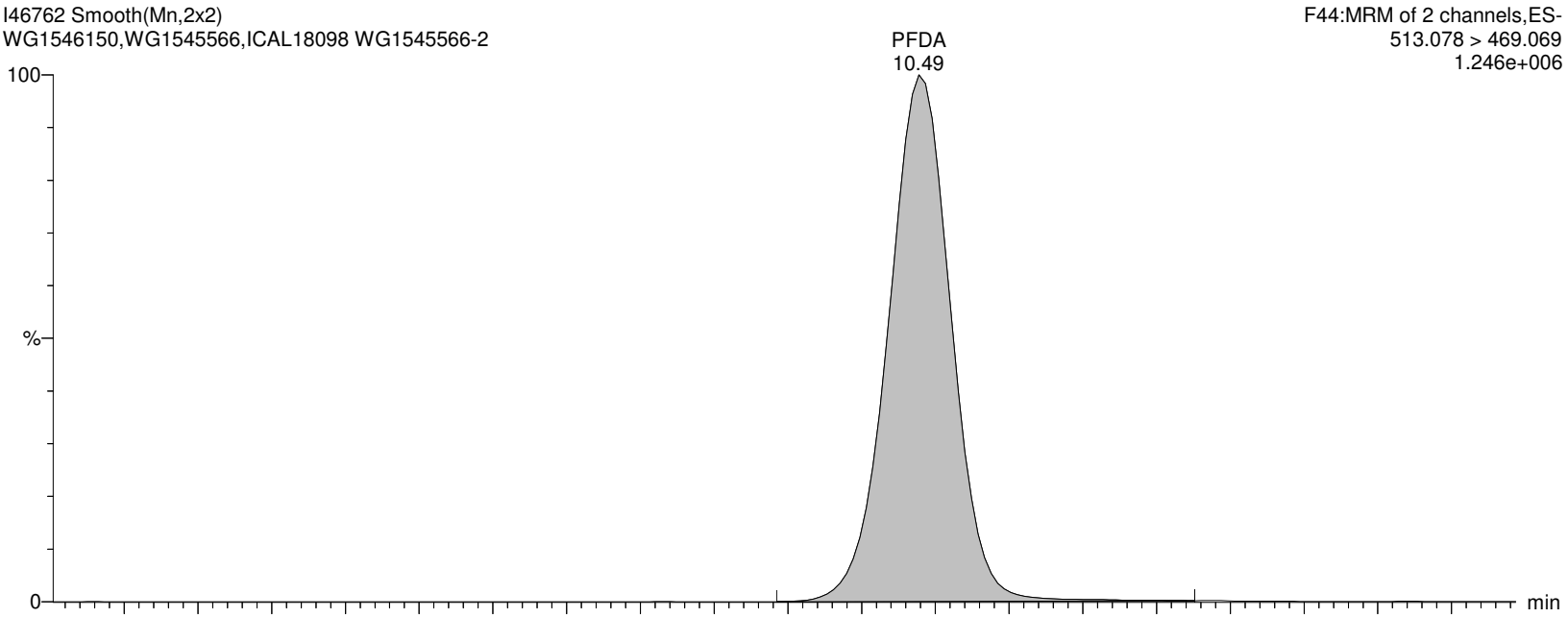


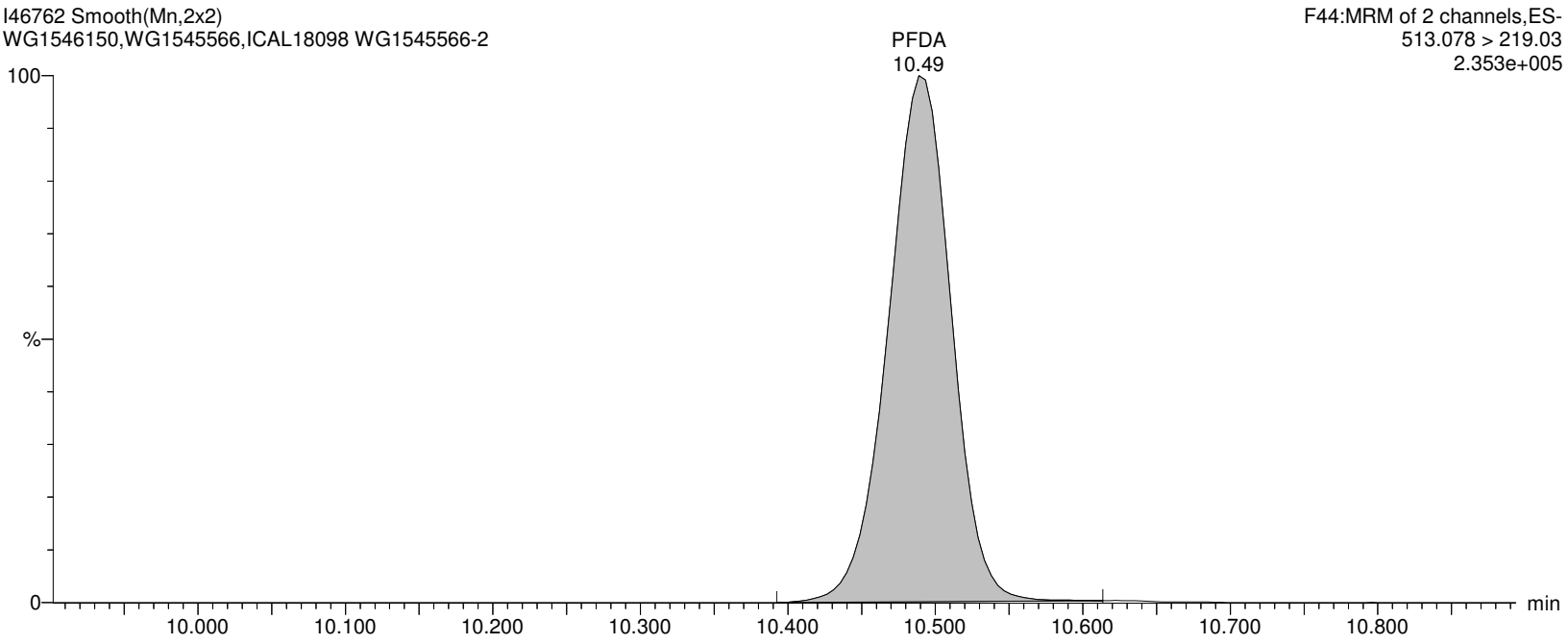
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:52 Eastern Daylight Time

Name: I46762
ID: WG1545566-2
Date: 15-Sep-2021
Time: 04:36:05
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDA



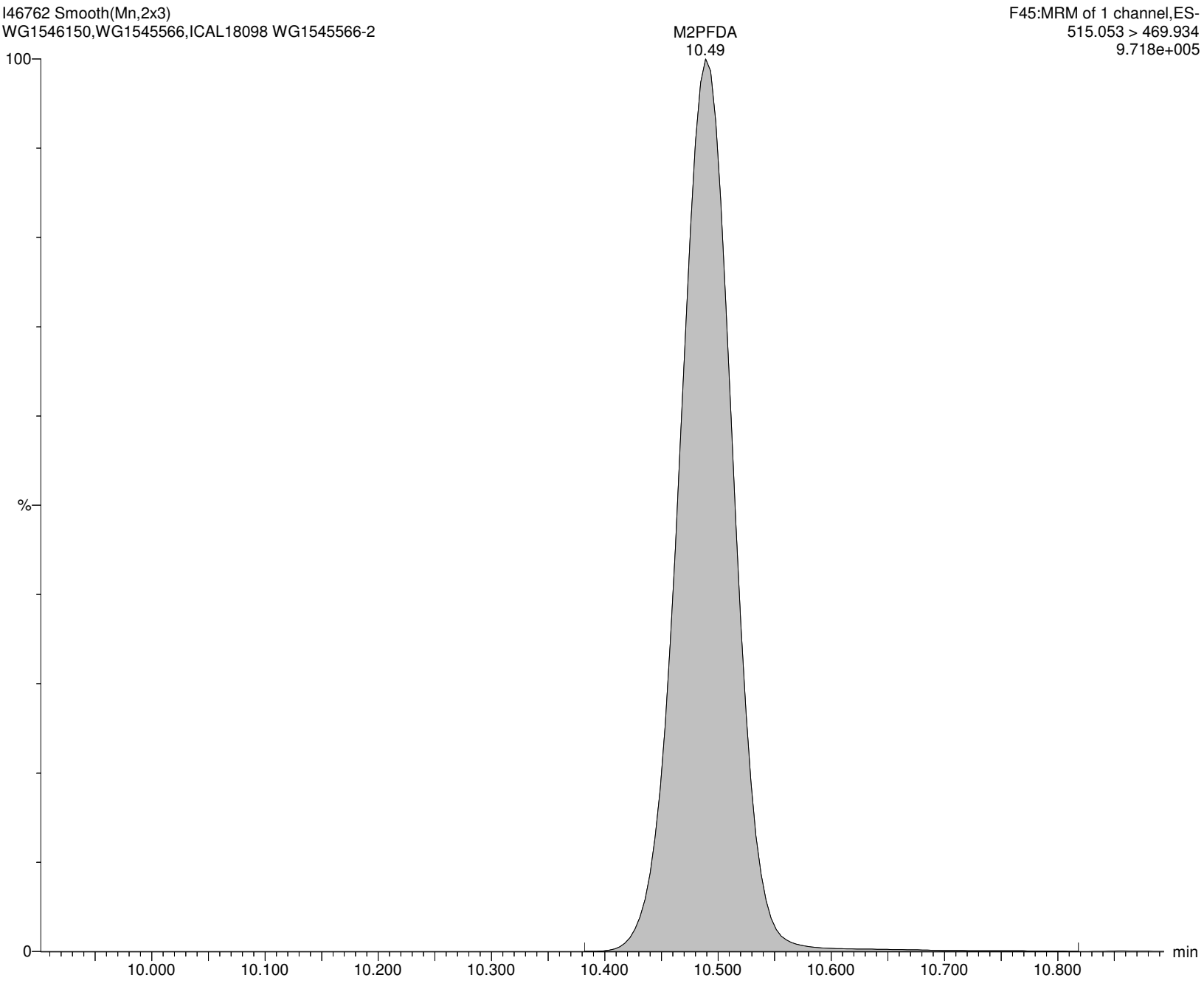


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:52 Eastern Daylight Time

Name: I46762
ID: WG1545566-2
Date: 15-Sep-2021
Time: 04:36:05
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFDA

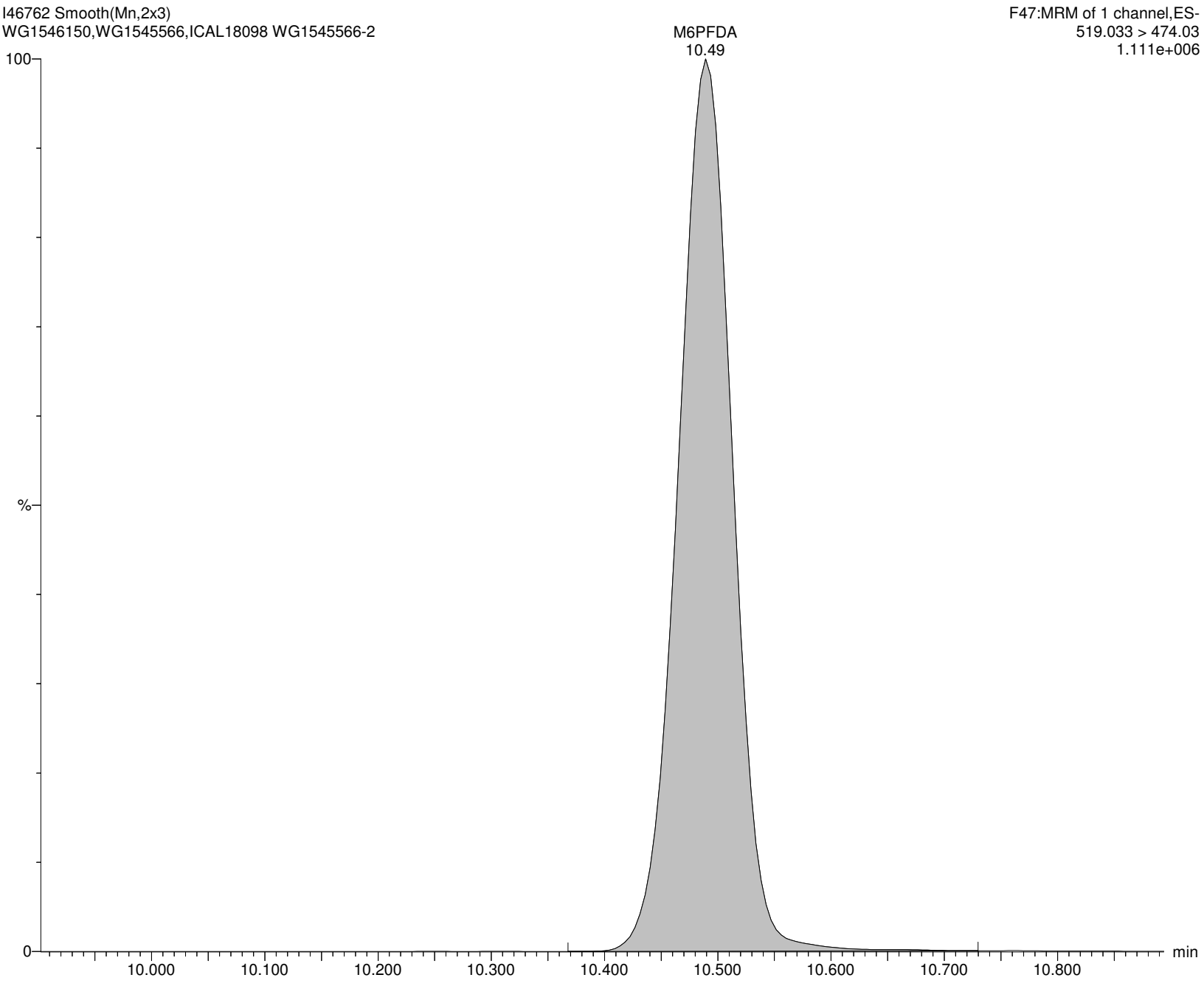


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:52 Eastern Daylight Time

Name: I46762
ID: WG1545566-2
Date: 15-Sep-2021
Time: 04:36:05
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M6PFDA

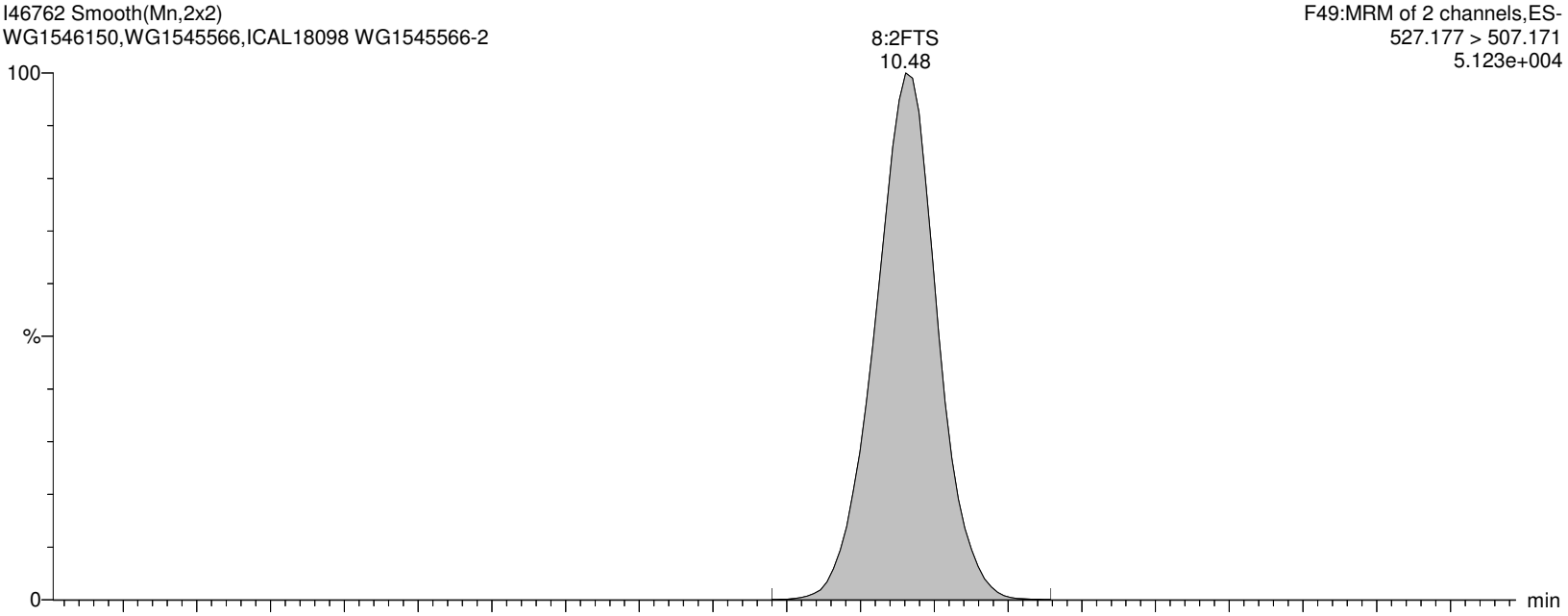


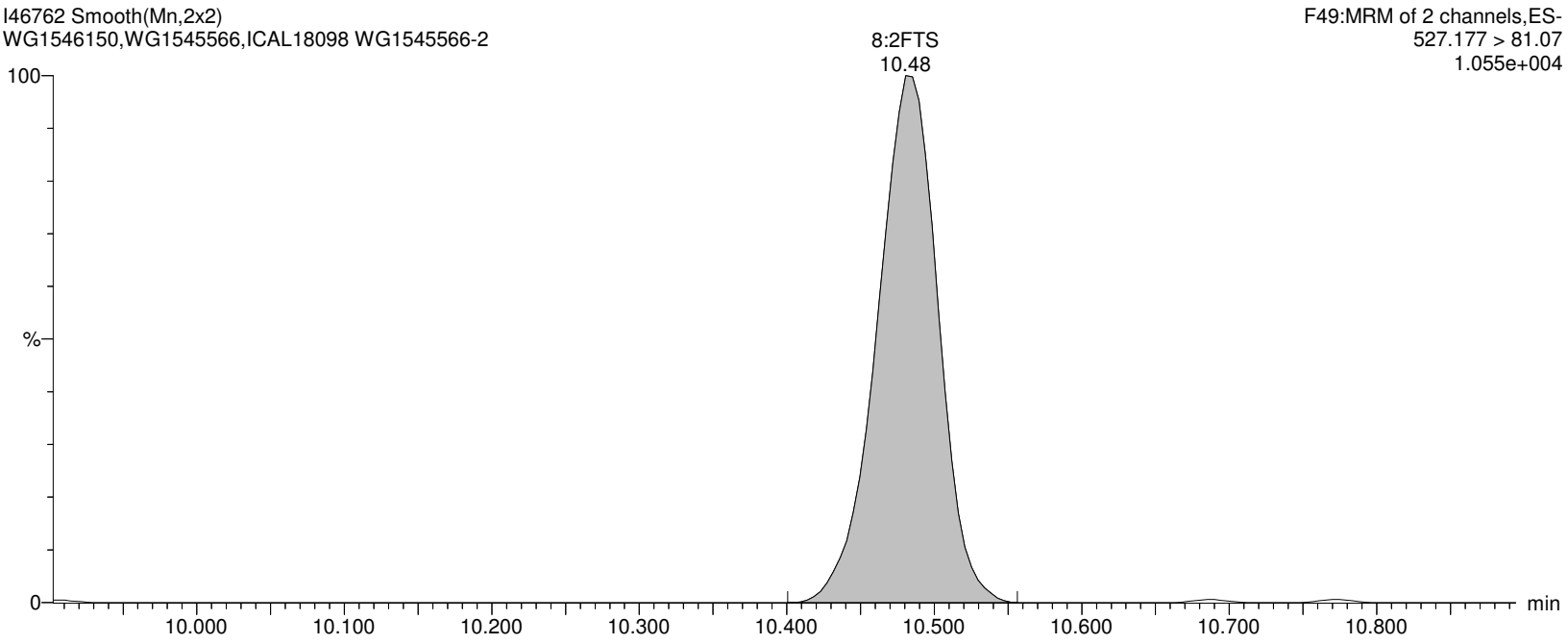
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:52 Eastern Daylight Time

Name: I46762
ID: WG1545566-2
Date: 15-Sep-2021
Time: 04:36:05
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

8:2FTS



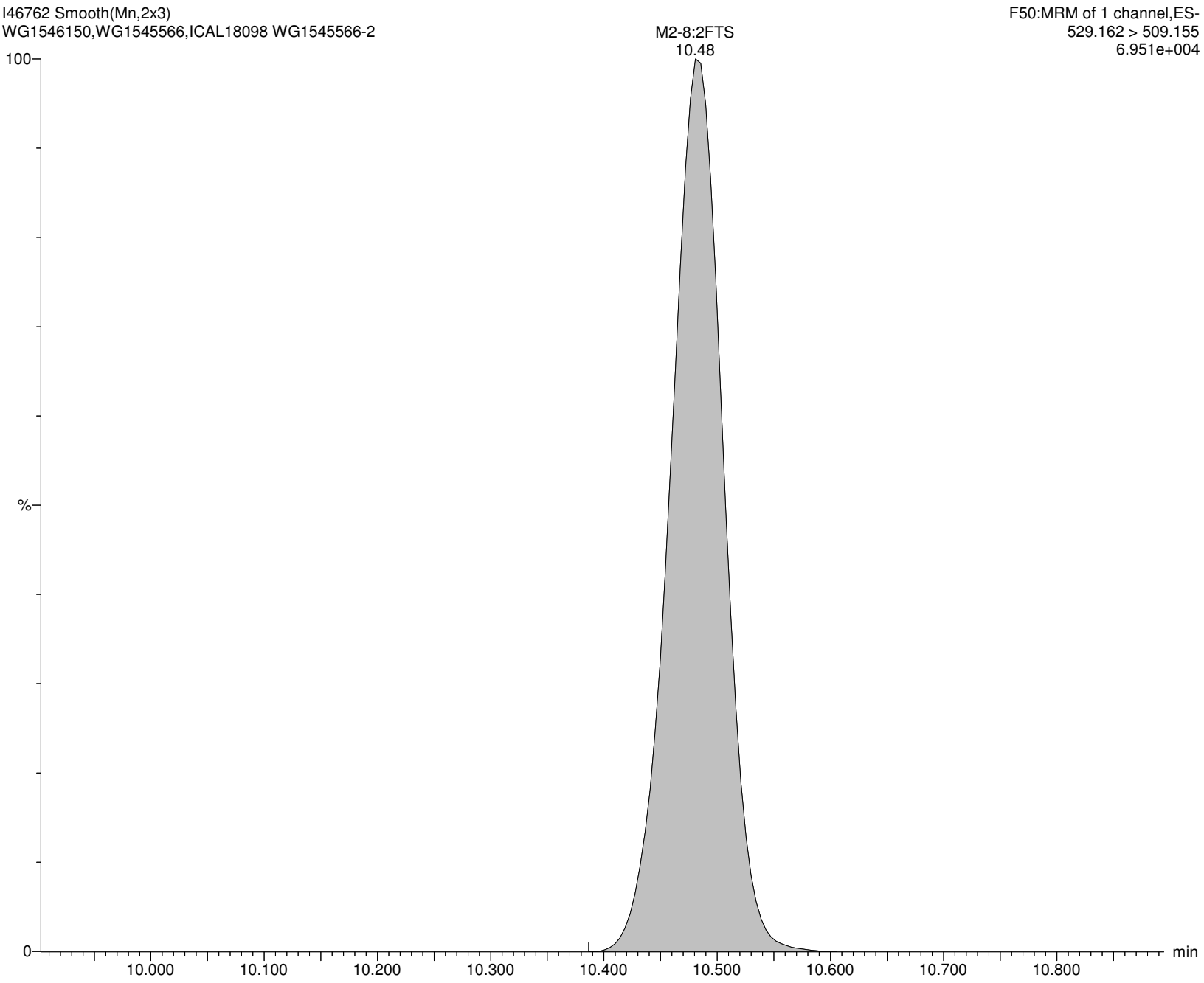


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:52 Eastern Daylight Time

Name: I46762
ID: WG1545566-2
Date: 15-Sep-2021
Time: 04:36:05
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-8:2FTS

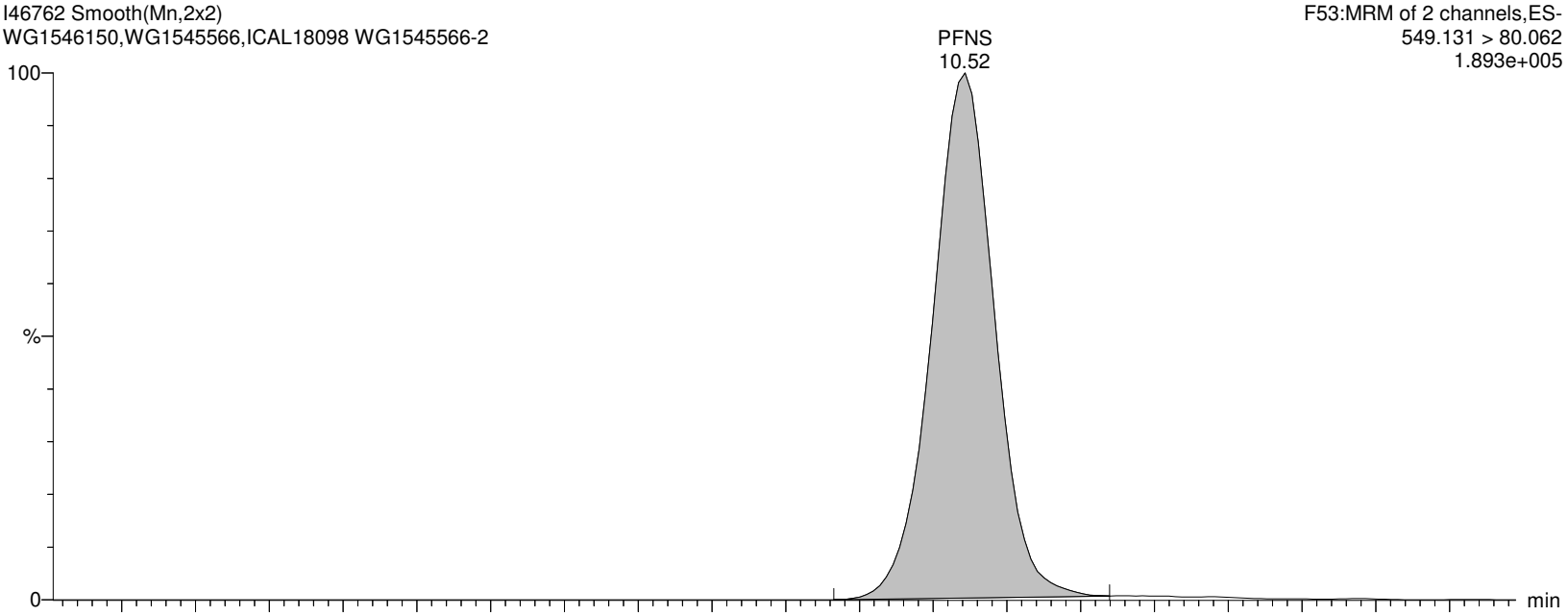


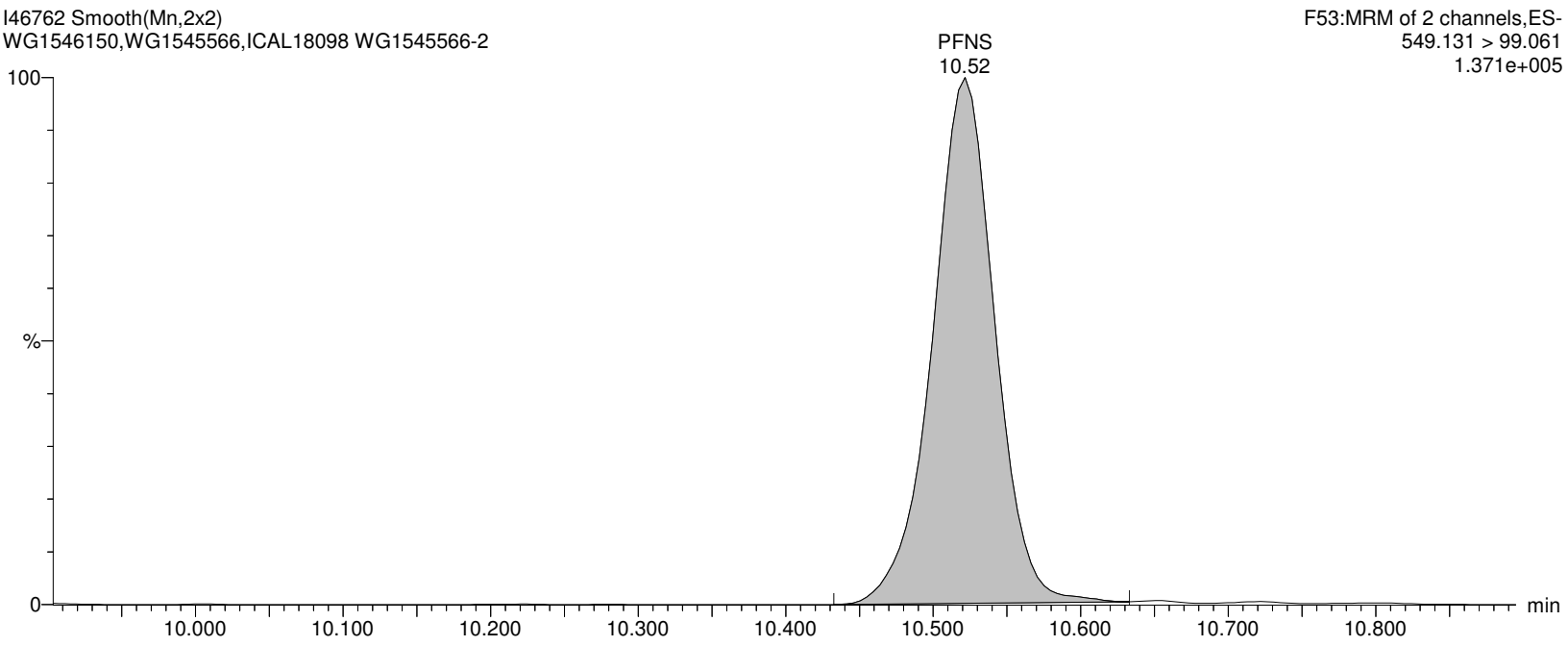
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:52 Eastern Daylight Time

Name: I46762
ID: WG1545566-2
Date: 15-Sep-2021
Time: 04:36:05
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNS



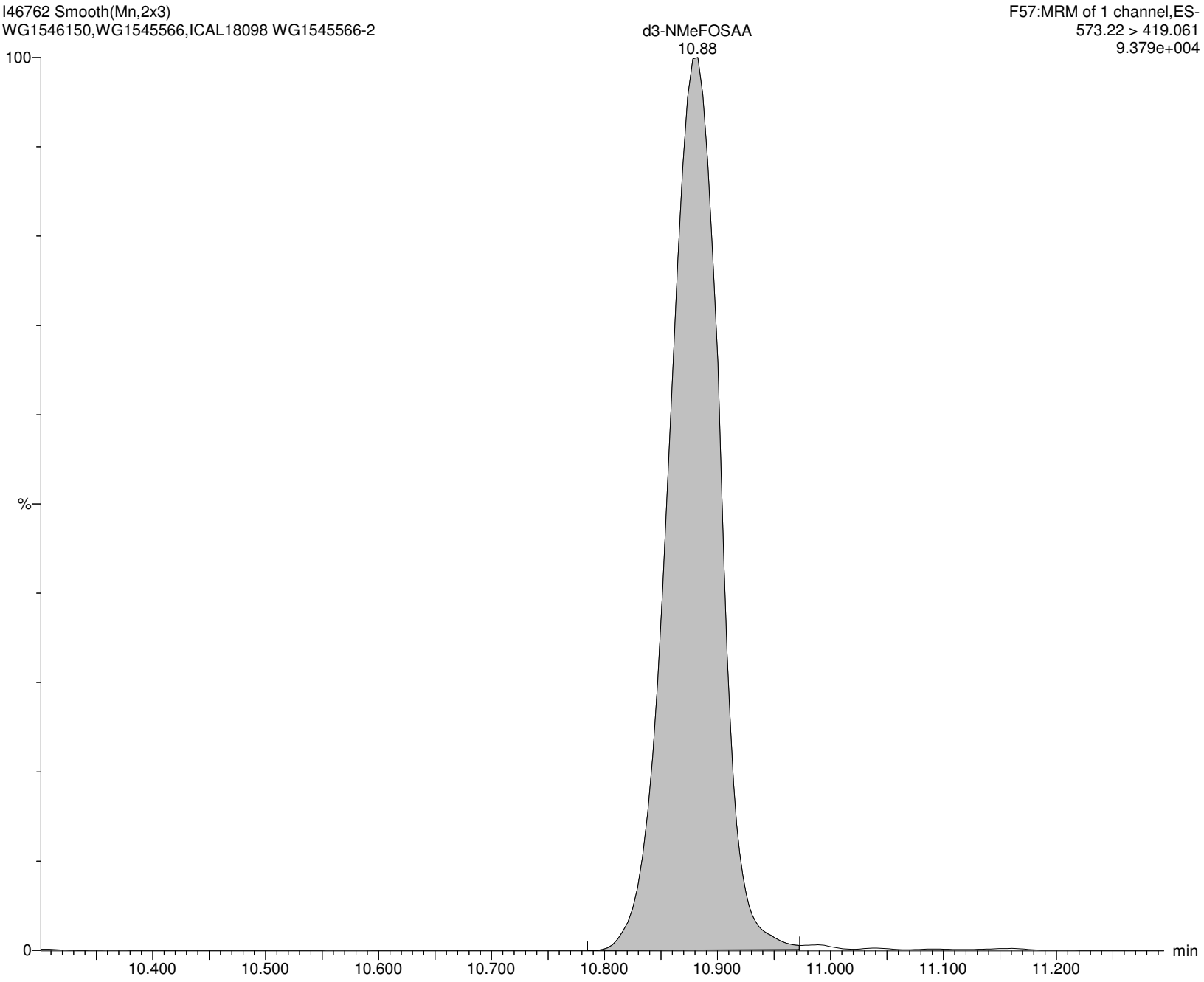


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:52 Eastern Daylight Time

Name: I46762
ID: WG1545566-2
Date: 15-Sep-2021
Time: 04:36:05
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSAA

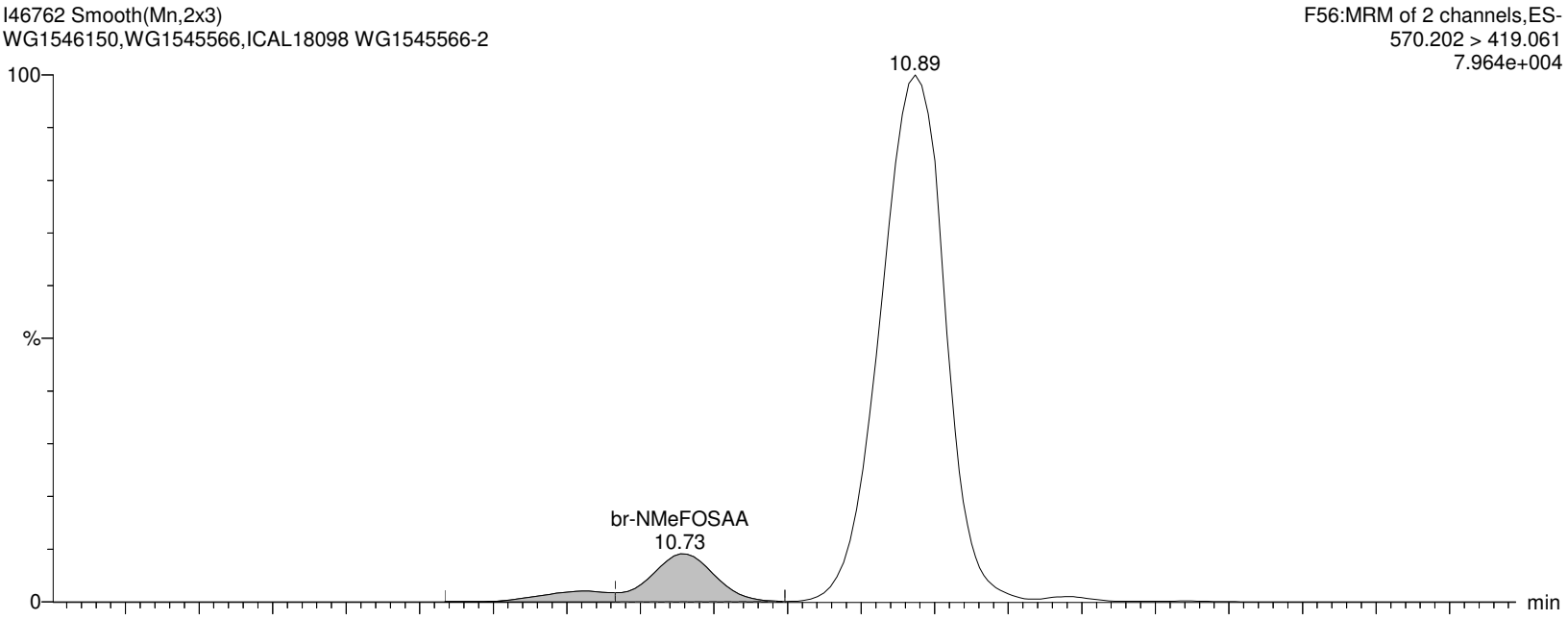


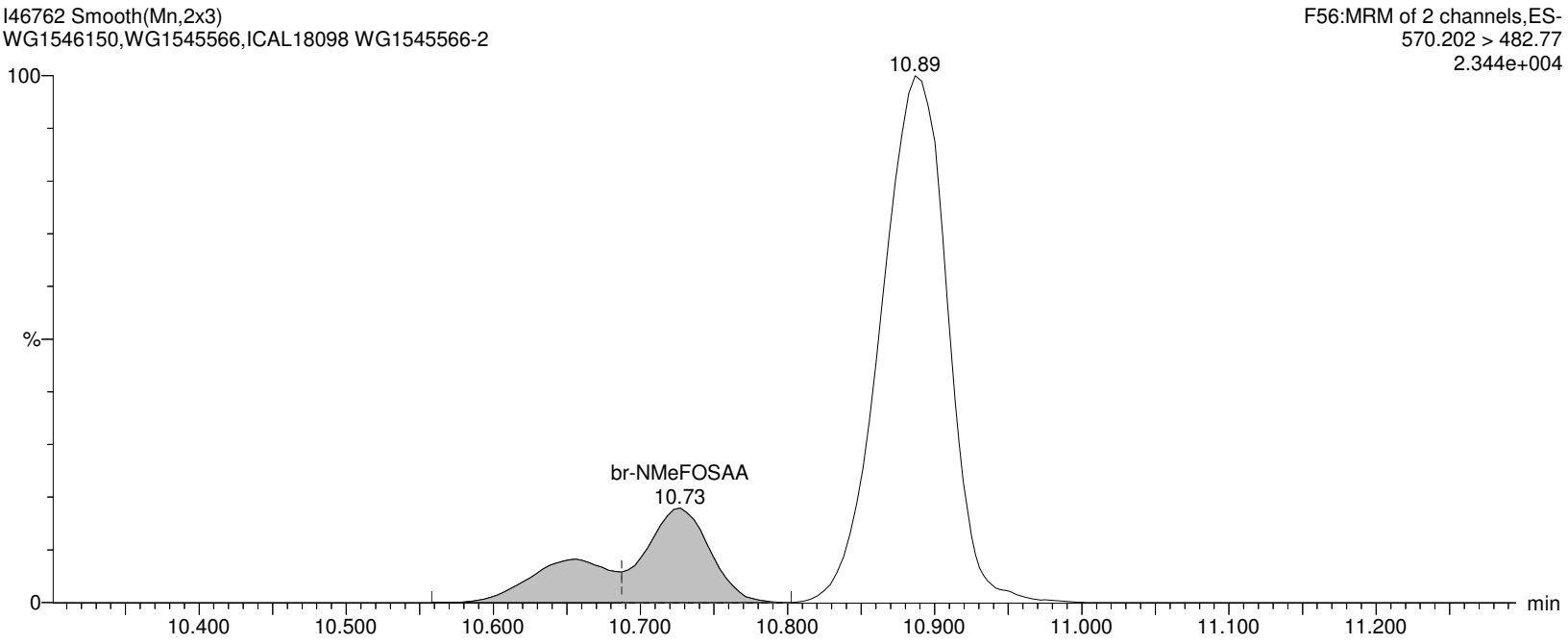
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:52 Eastern Daylight Time

Name: I46762
ID: WG1545566-2
Date: 15-Sep-2021
Time: 04:36:05
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NMeFOSAA



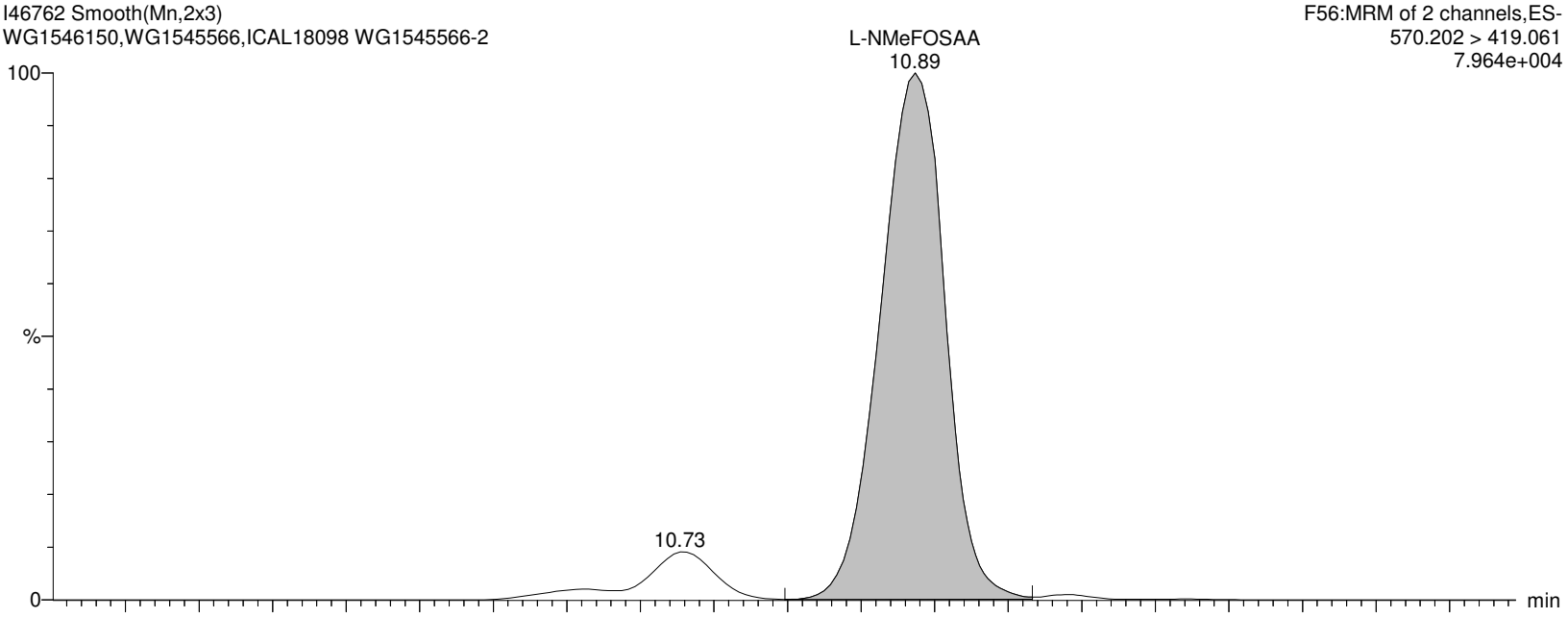


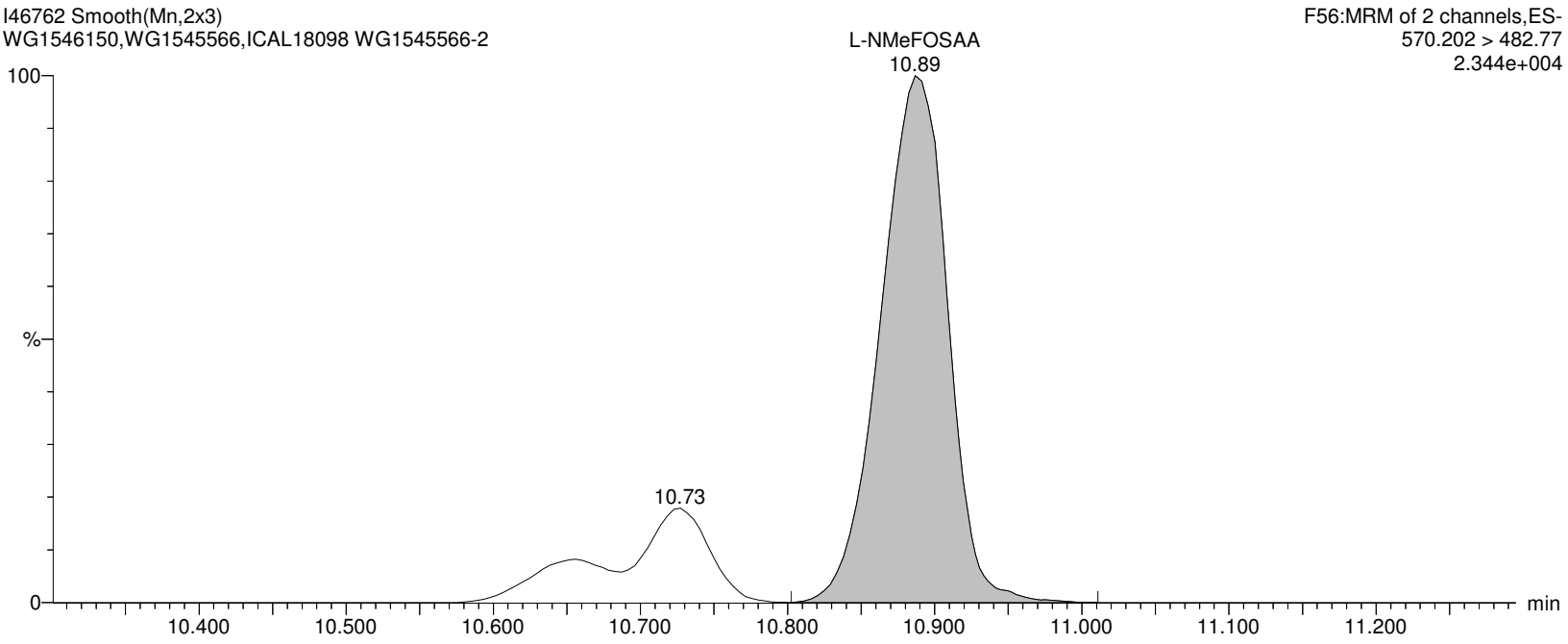
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:52 Eastern Daylight Time

Name: I46762
ID: WG1545566-2
Date: 15-Sep-2021
Time: 04:36:05
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NMeFOSAA



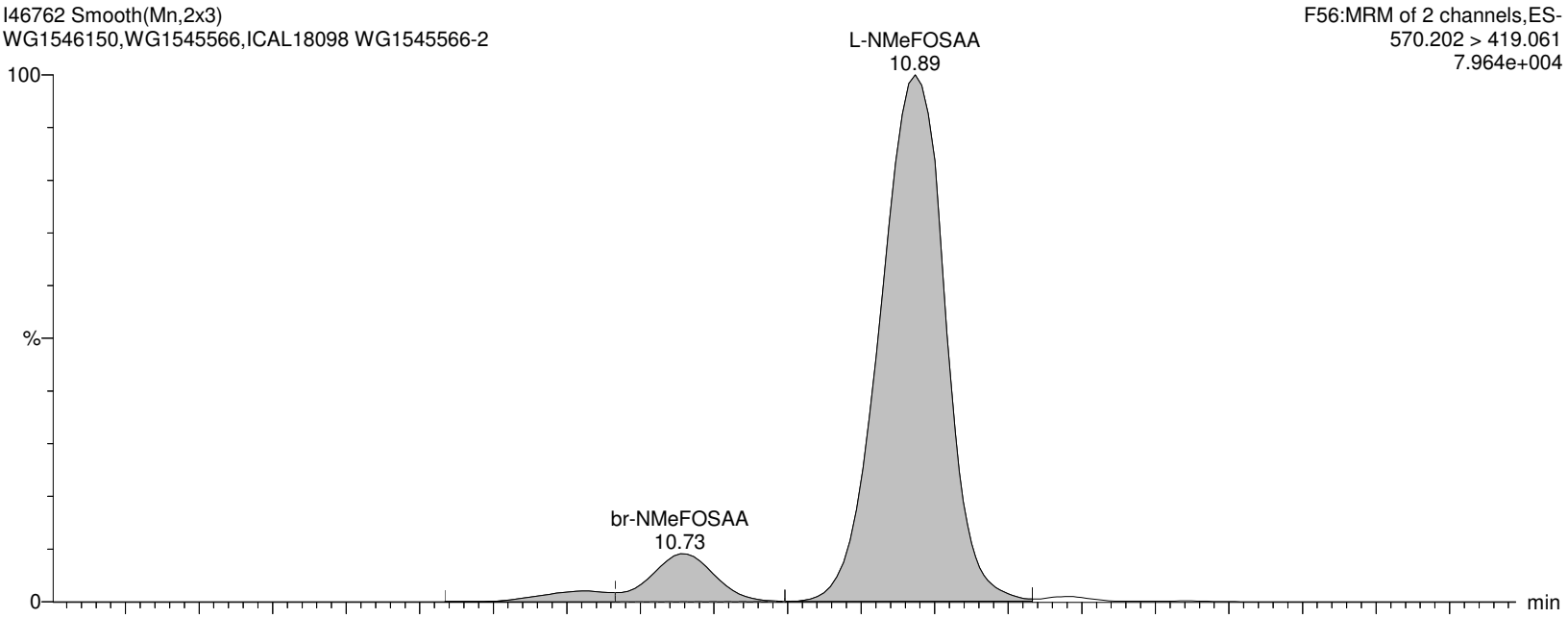


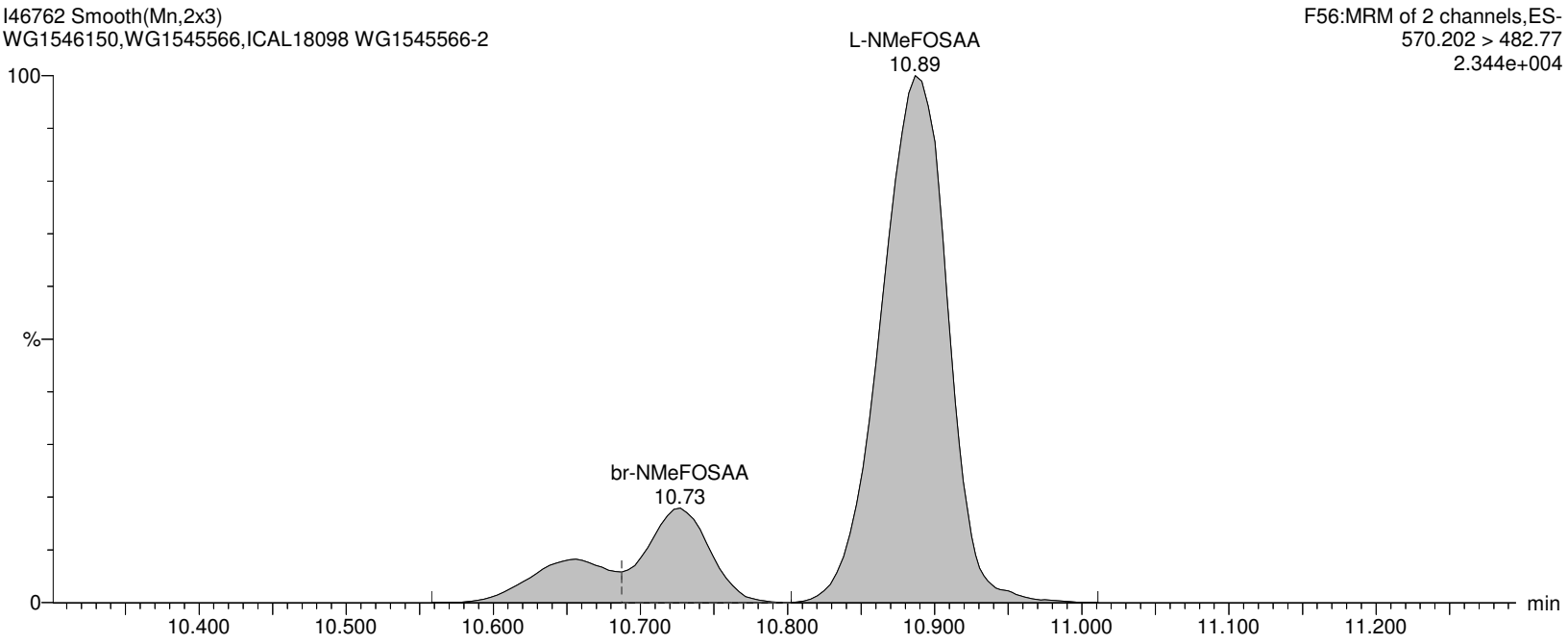
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:52 Eastern Daylight Time

Name: I46762
ID: WG1545566-2
Date: 15-Sep-2021
Time: 04:36:05
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSAA



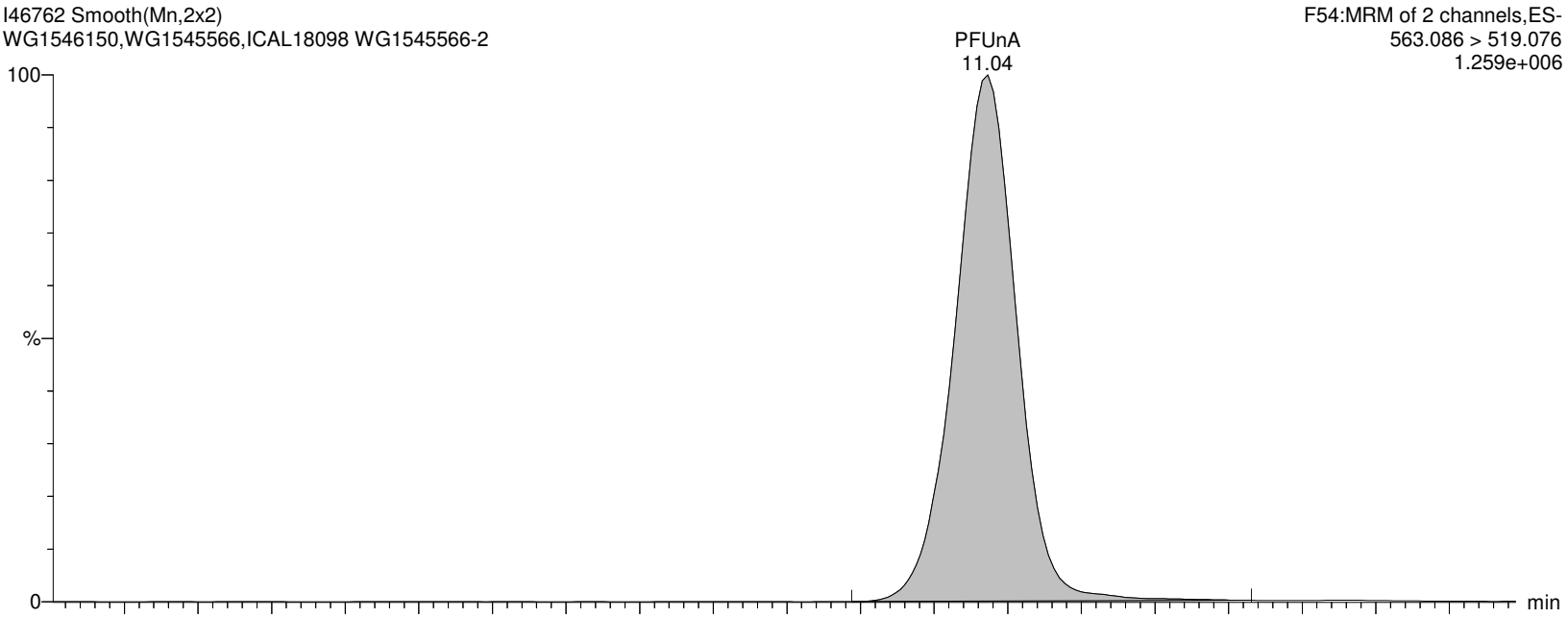


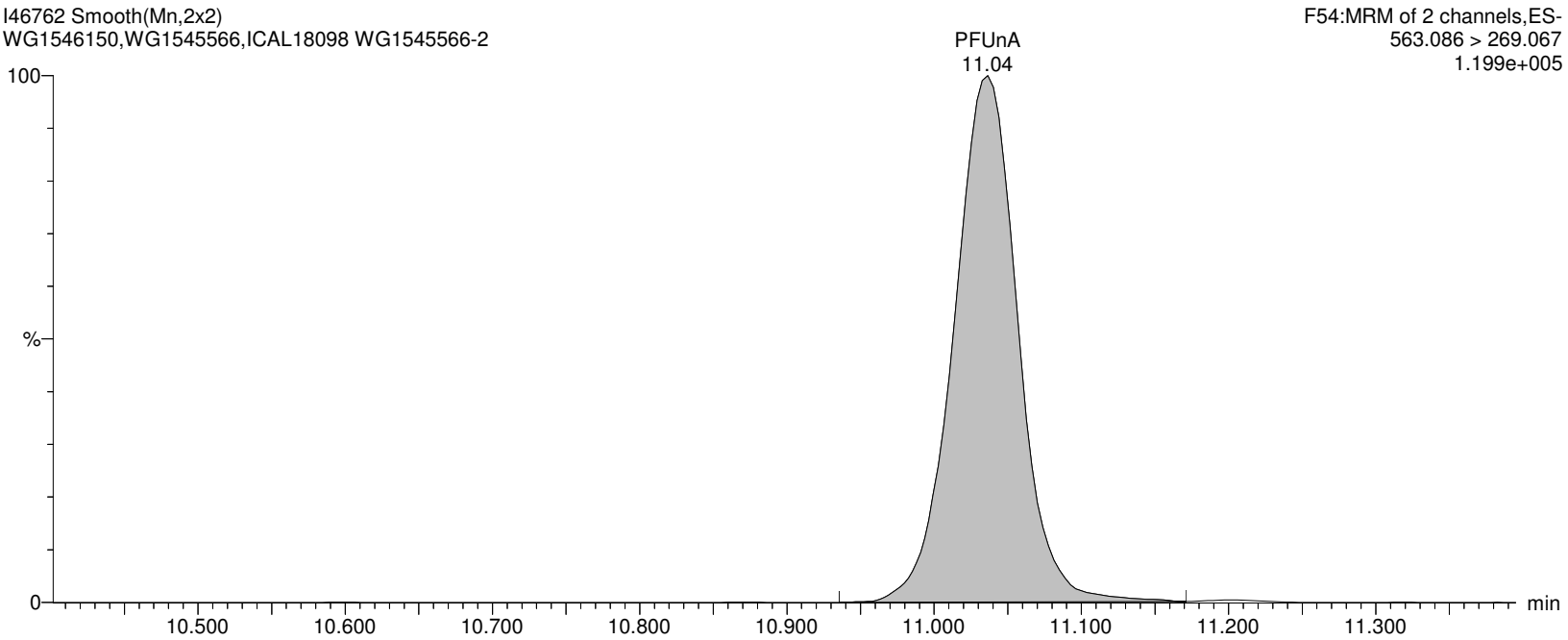
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:52 Eastern Daylight Time

Name: I46762
ID: WG1545566-2
Date: 15-Sep-2021
Time: 04:36:05
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFUnA



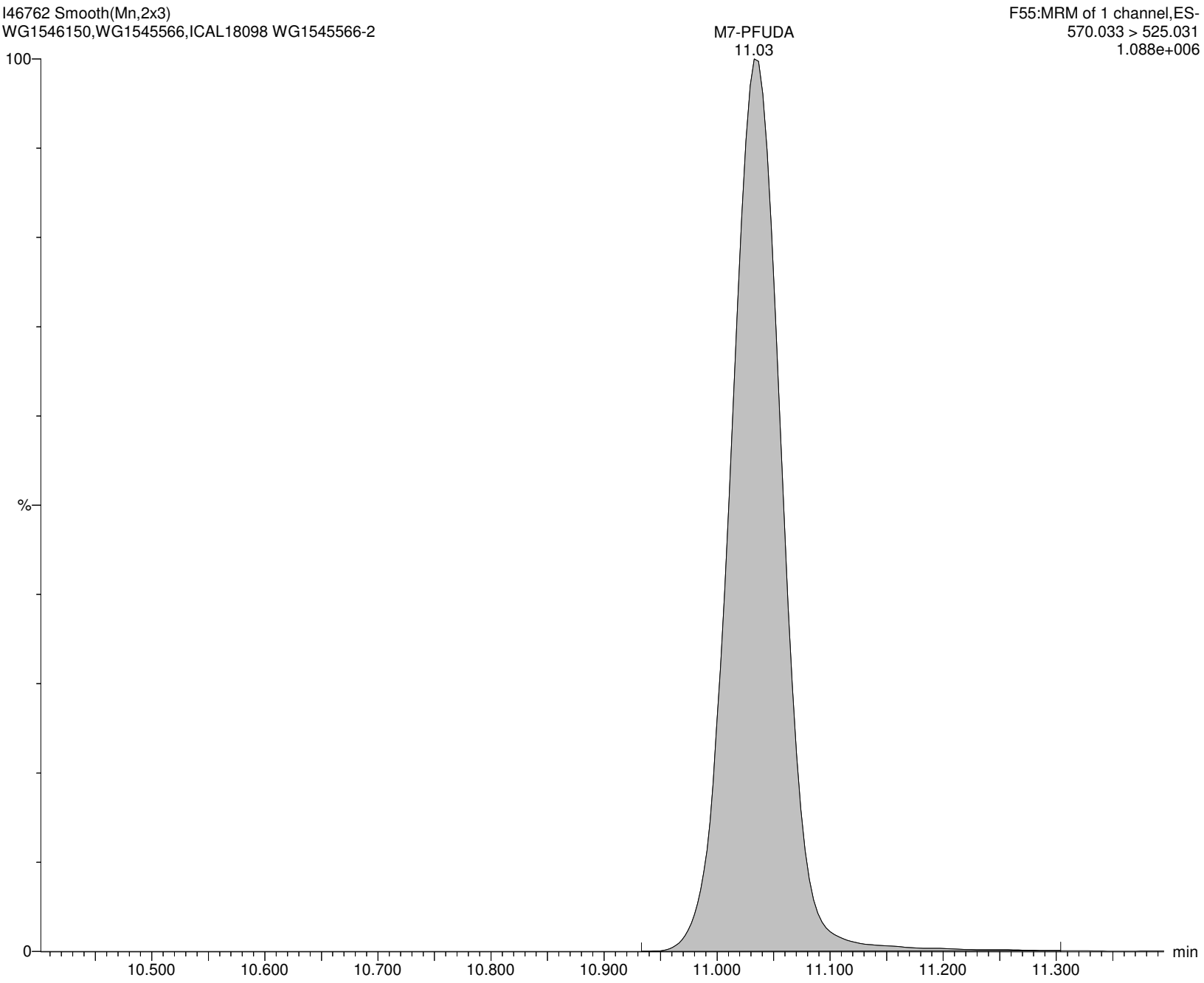


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:52 Eastern Daylight Time

Name: I46762
ID: WG1545566-2
Date: 15-Sep-2021
Time: 04:36:05
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M7-PFUDA

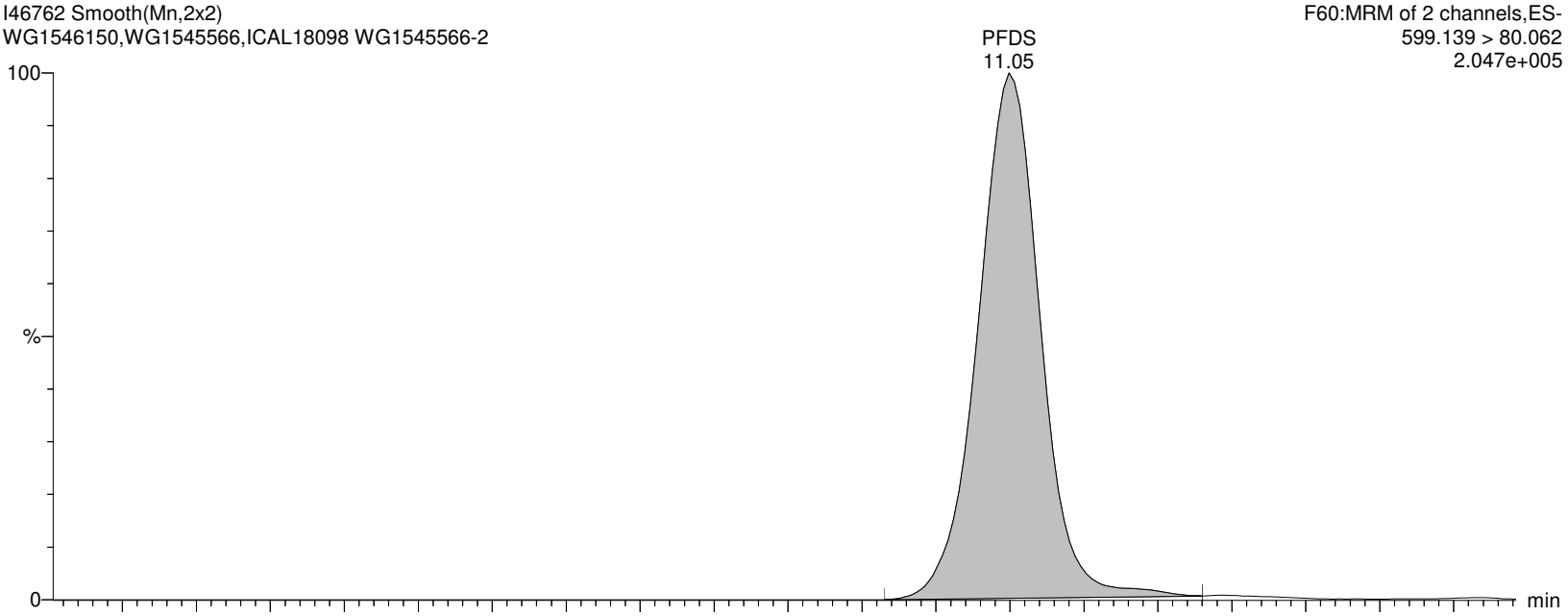


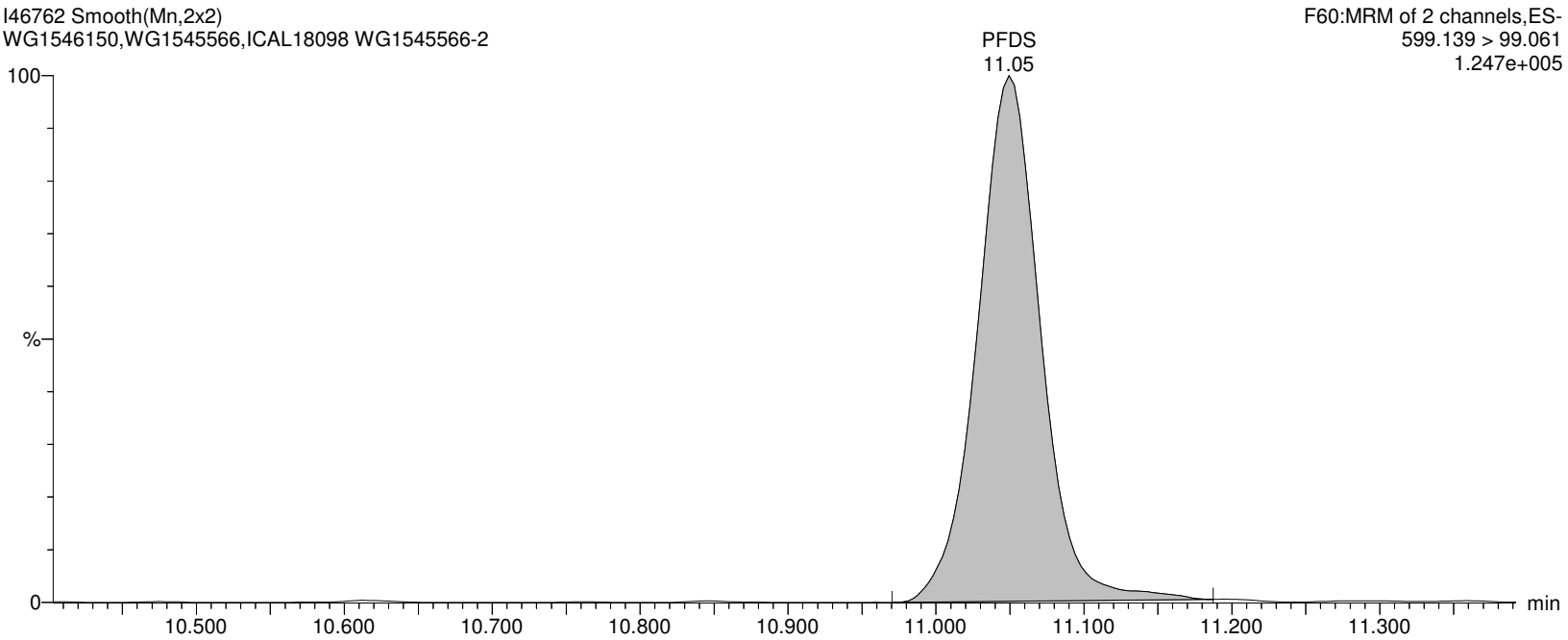
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:52 Eastern Daylight Time

Name: I46762
ID: WG1545566-2
Date: 15-Sep-2021
Time: 04:36:05
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDS



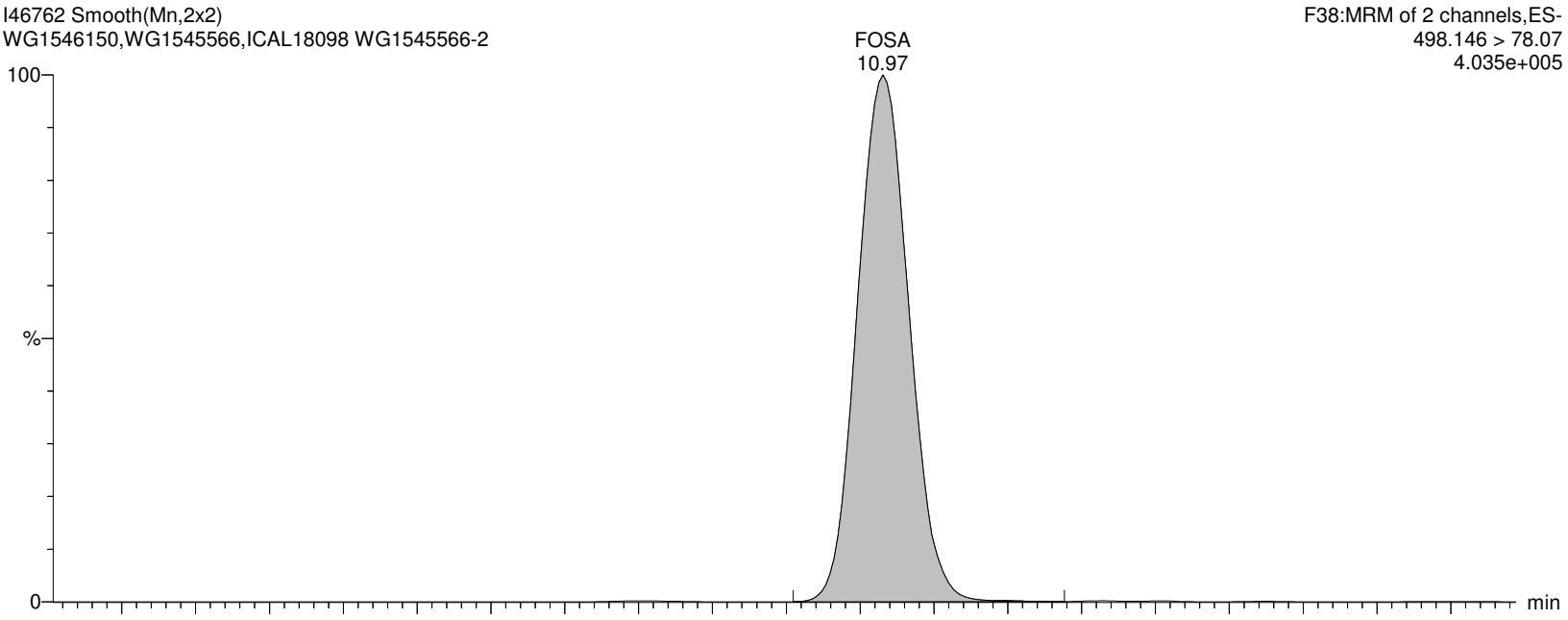


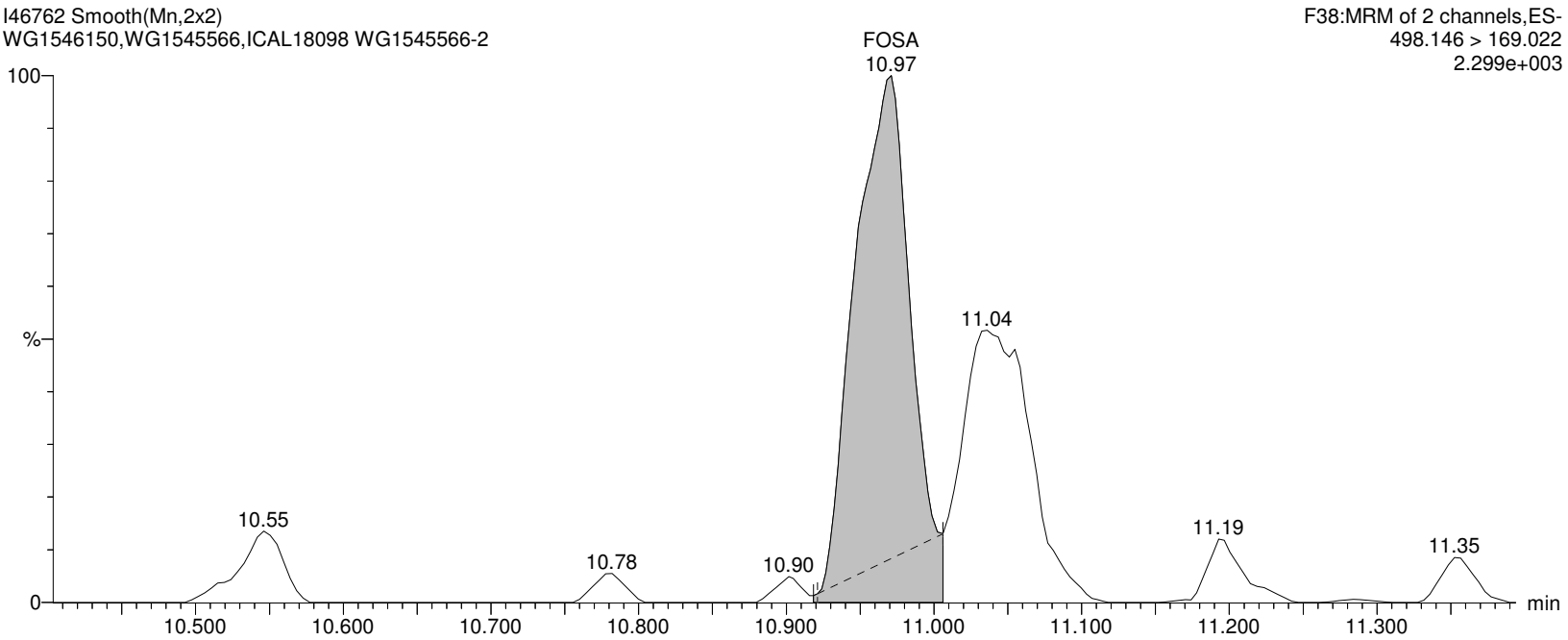
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:52 Eastern Daylight Time

Name: I46762
ID: WG1545566-2
Date: 15-Sep-2021
Time: 04:36:05
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

FOSA



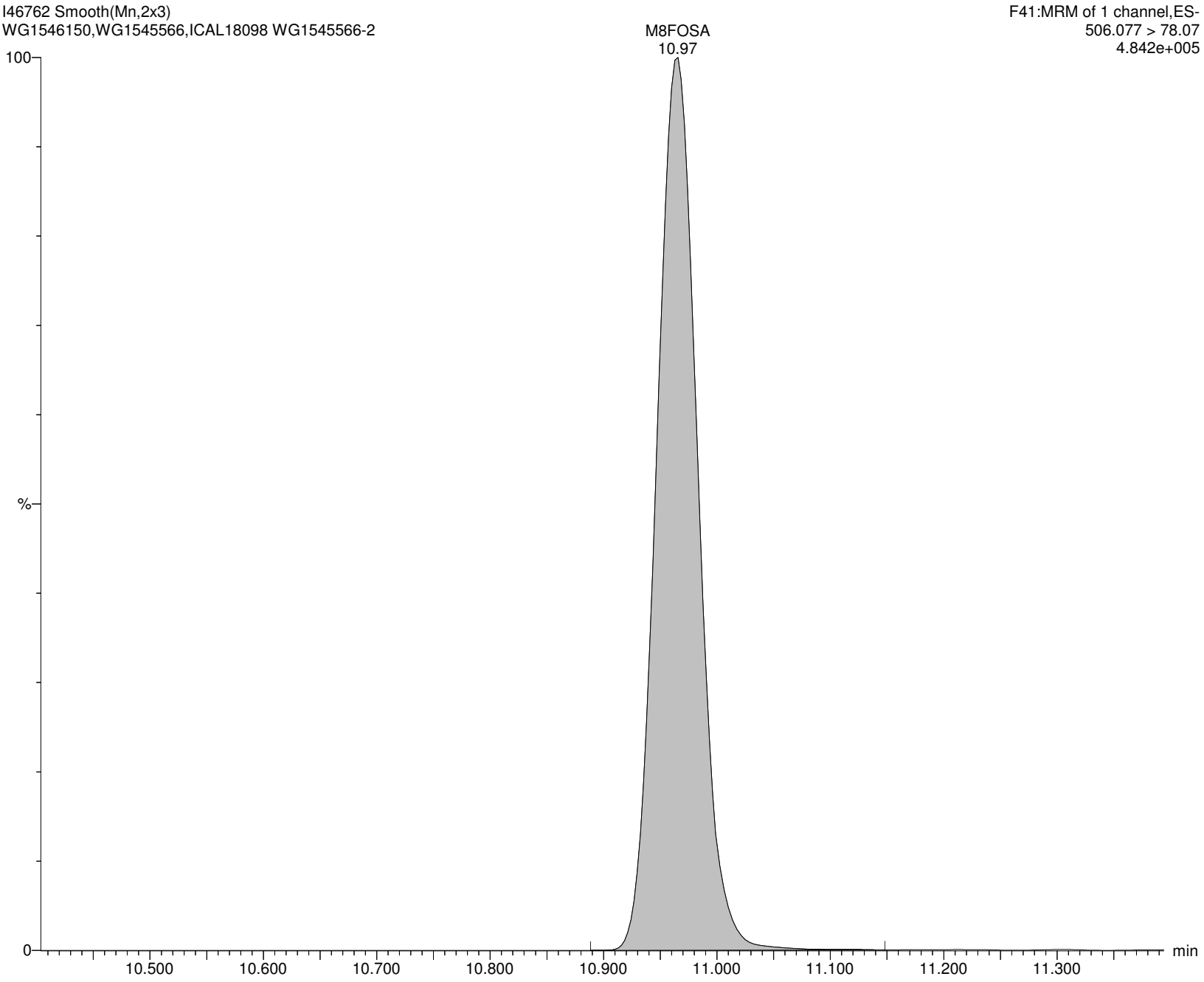


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:52 Eastern Daylight Time

Name: I46762
ID: WG1545566-2
Date: 15-Sep-2021
Time: 04:36:05
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8FOSA

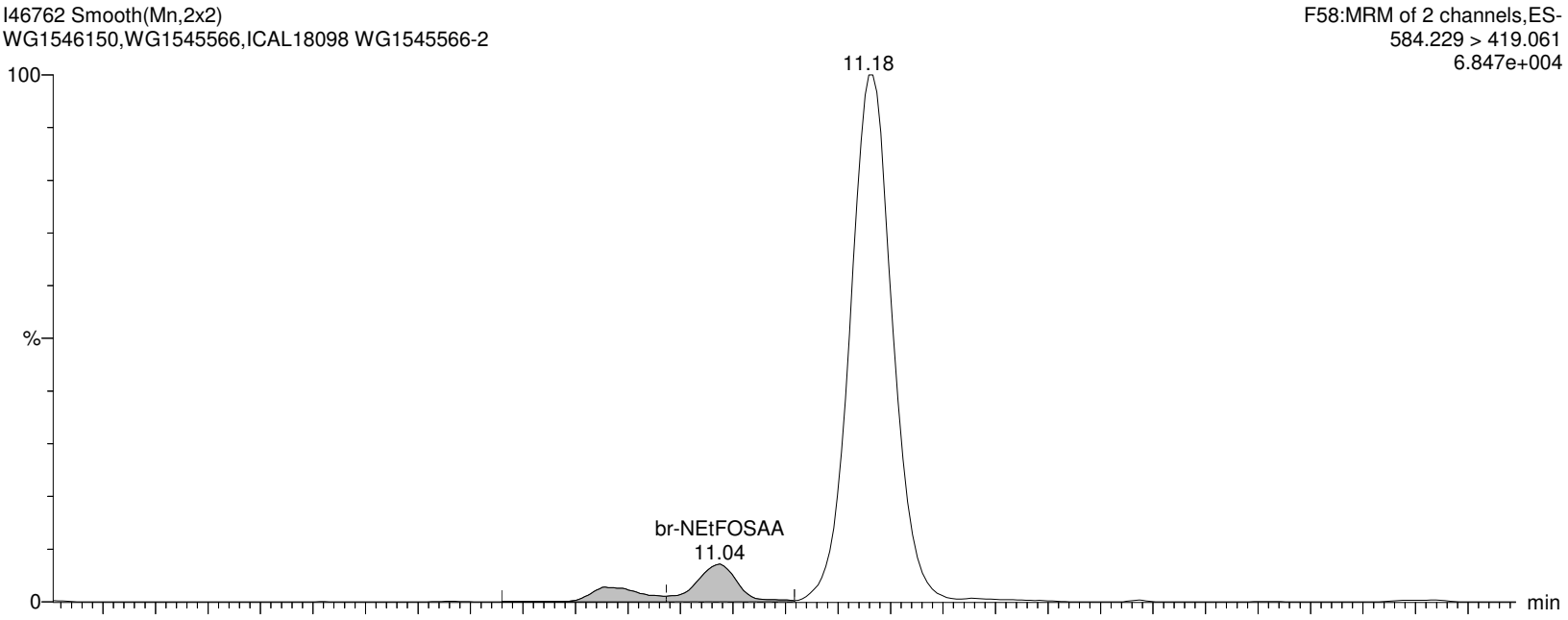


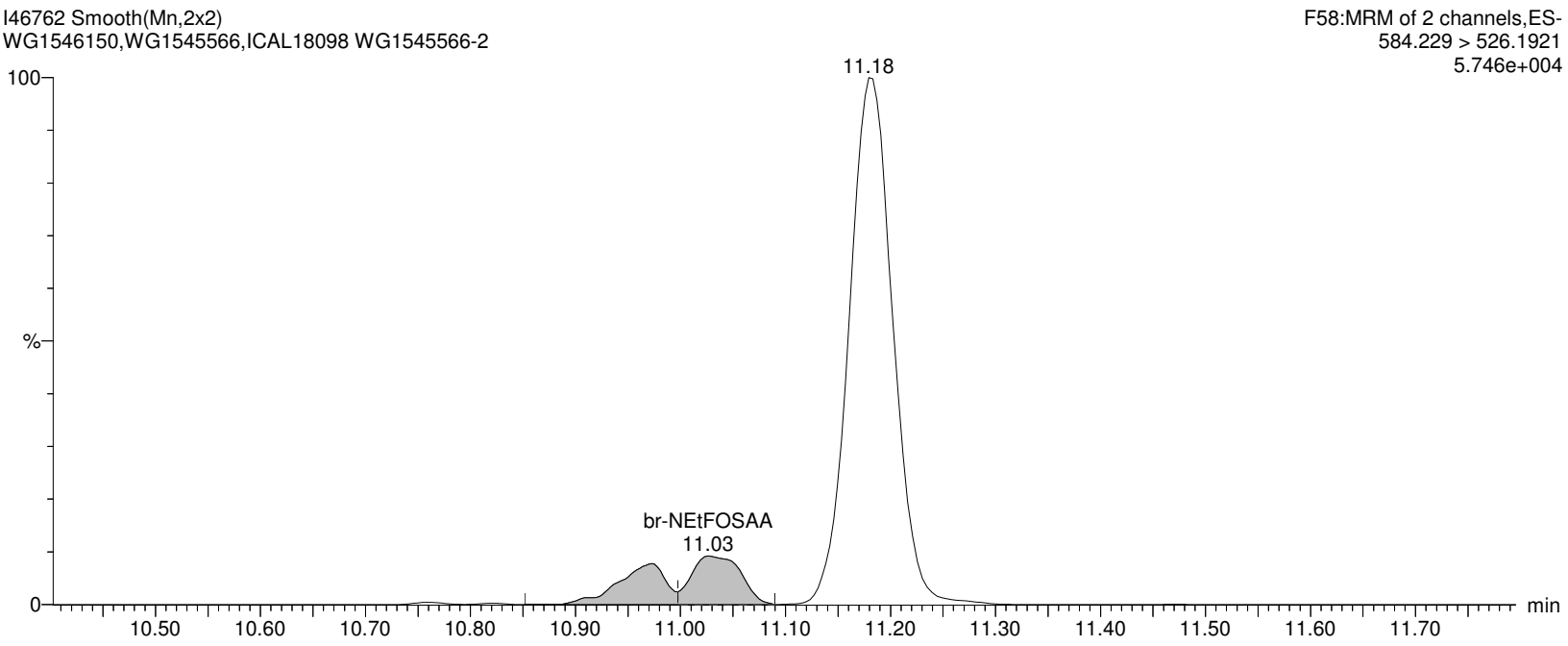
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:52 Eastern Daylight Time

Name: I46762
ID: WG1545566-2
Date: 15-Sep-2021
Time: 04:36:05
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NEtFOSAA



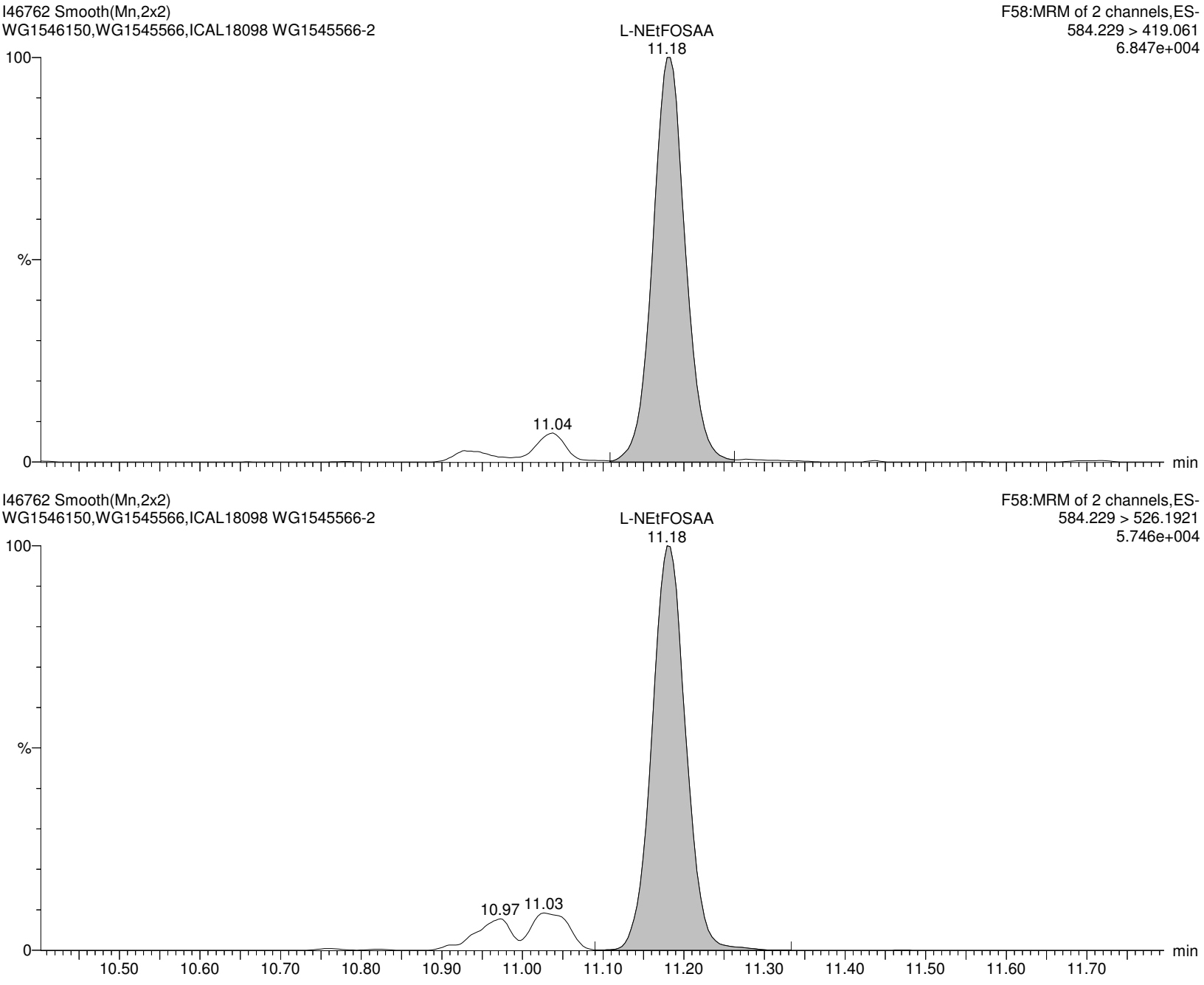


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:52 Eastern Daylight Time

Name: I46762
ID: WG1545566-2
Date: 15-Sep-2021
Time: 04:36:05
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NEtFOSAA

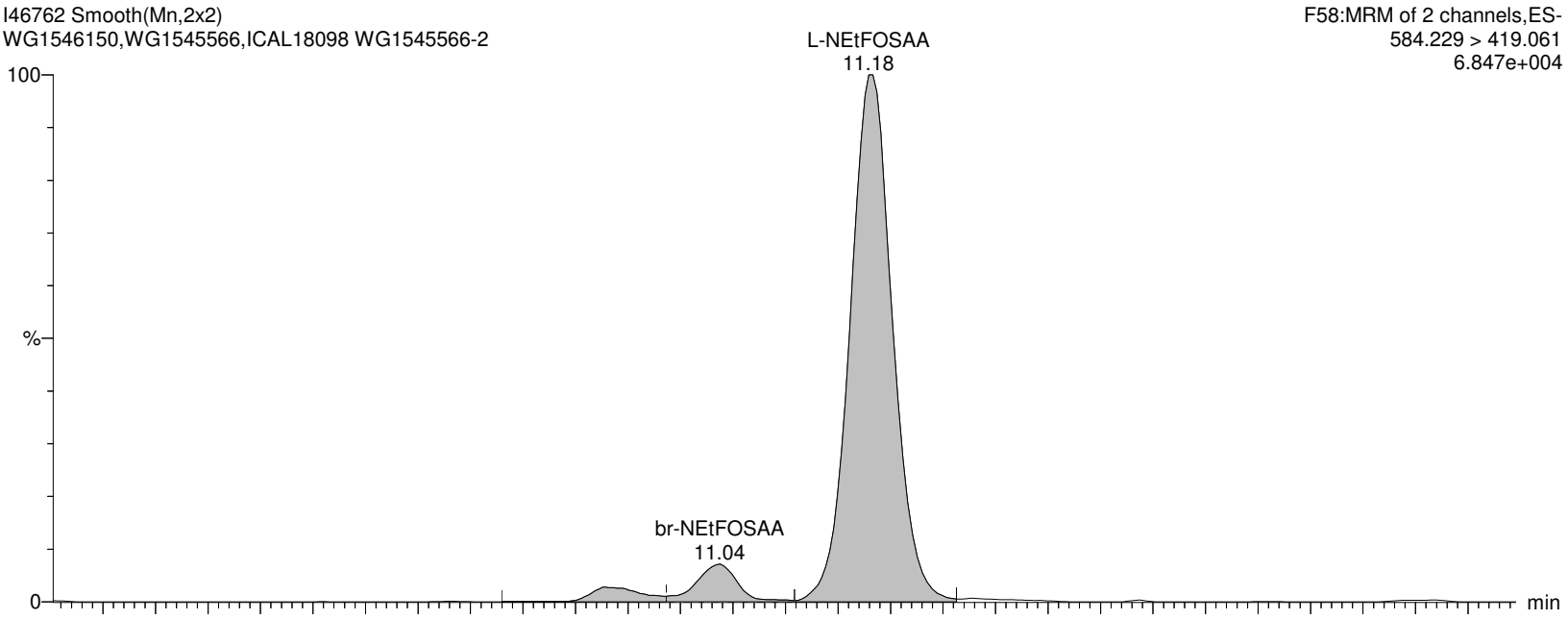


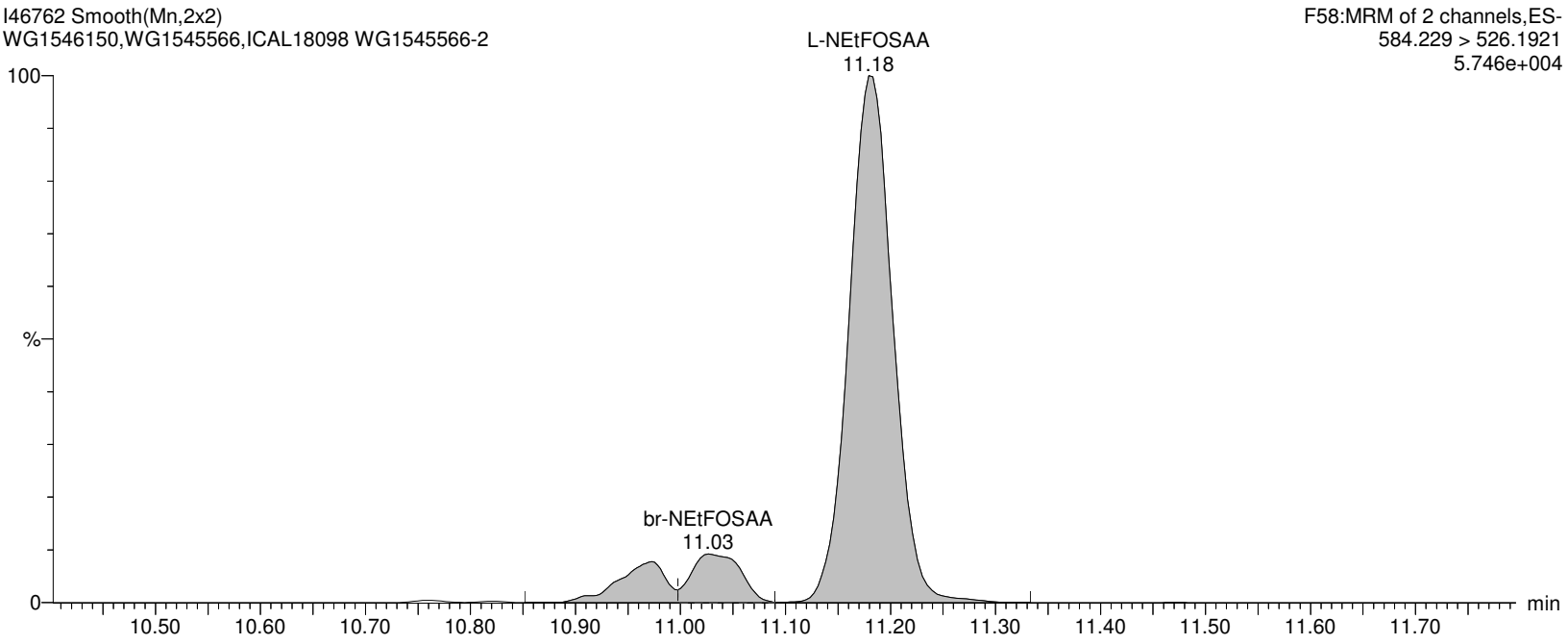
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:52 Eastern Daylight Time

Name: I46762
ID: WG1545566-2
Date: 15-Sep-2021
Time: 04:36:05
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSAA



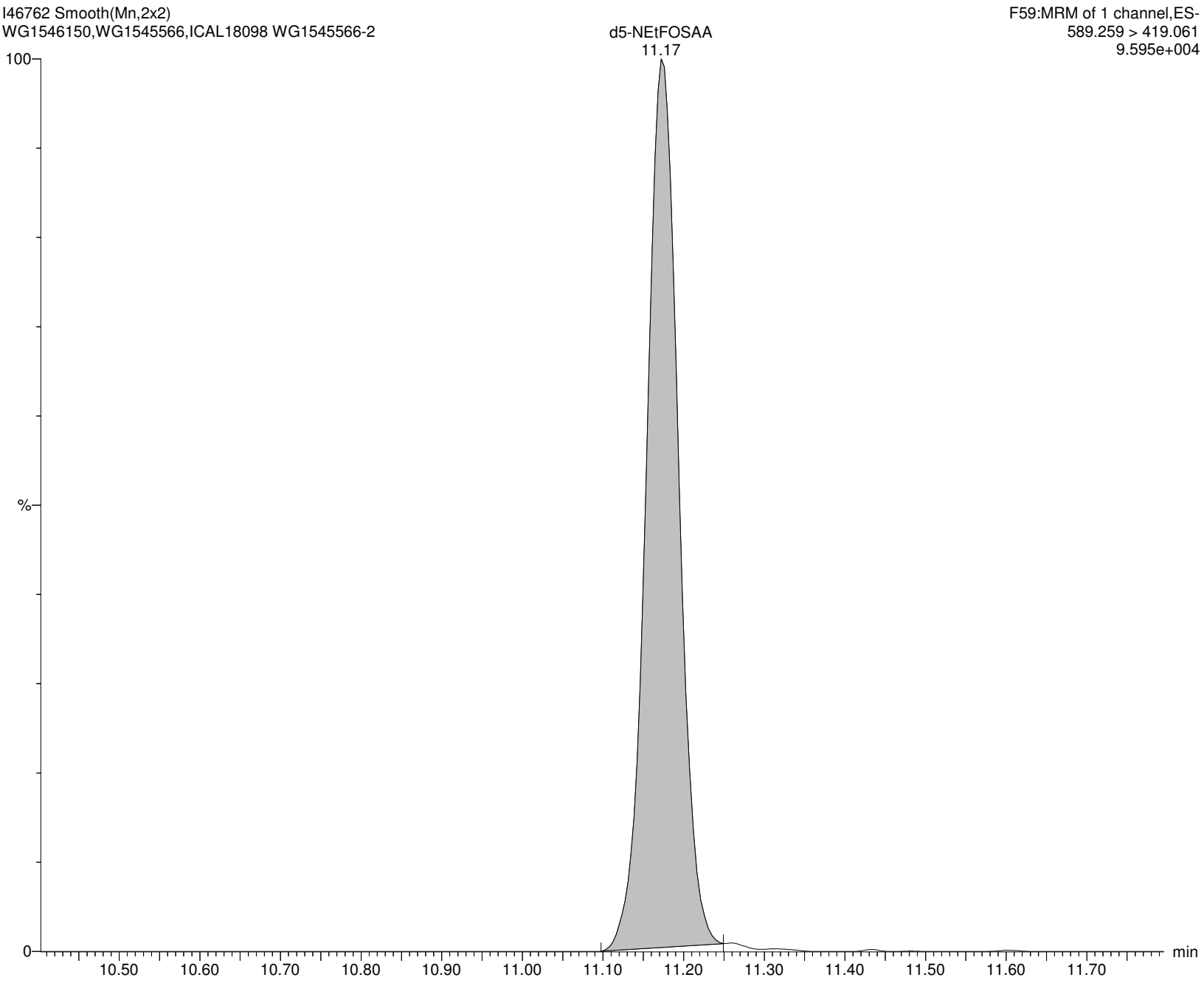


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:52 Eastern Daylight Time

Name: I46762
ID: WG1545566-2
Date: 15-Sep-2021
Time: 04:36:05
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSAA

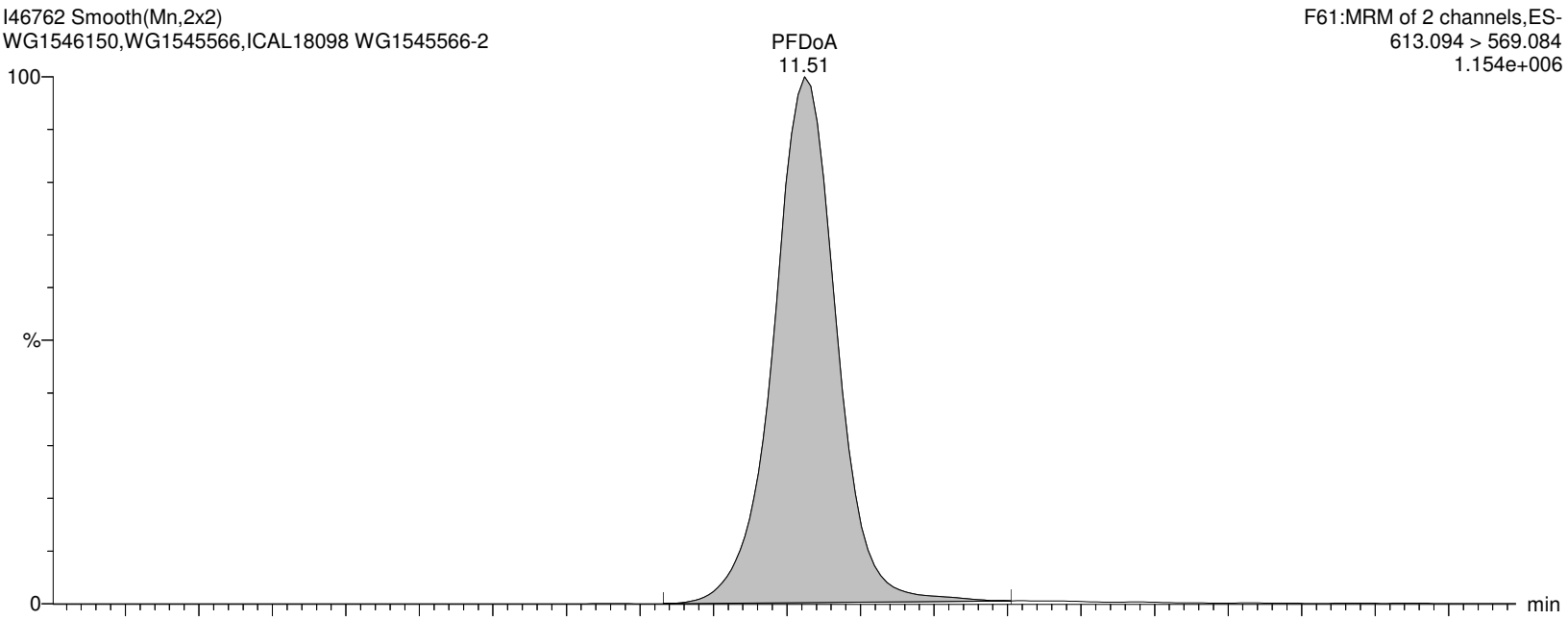


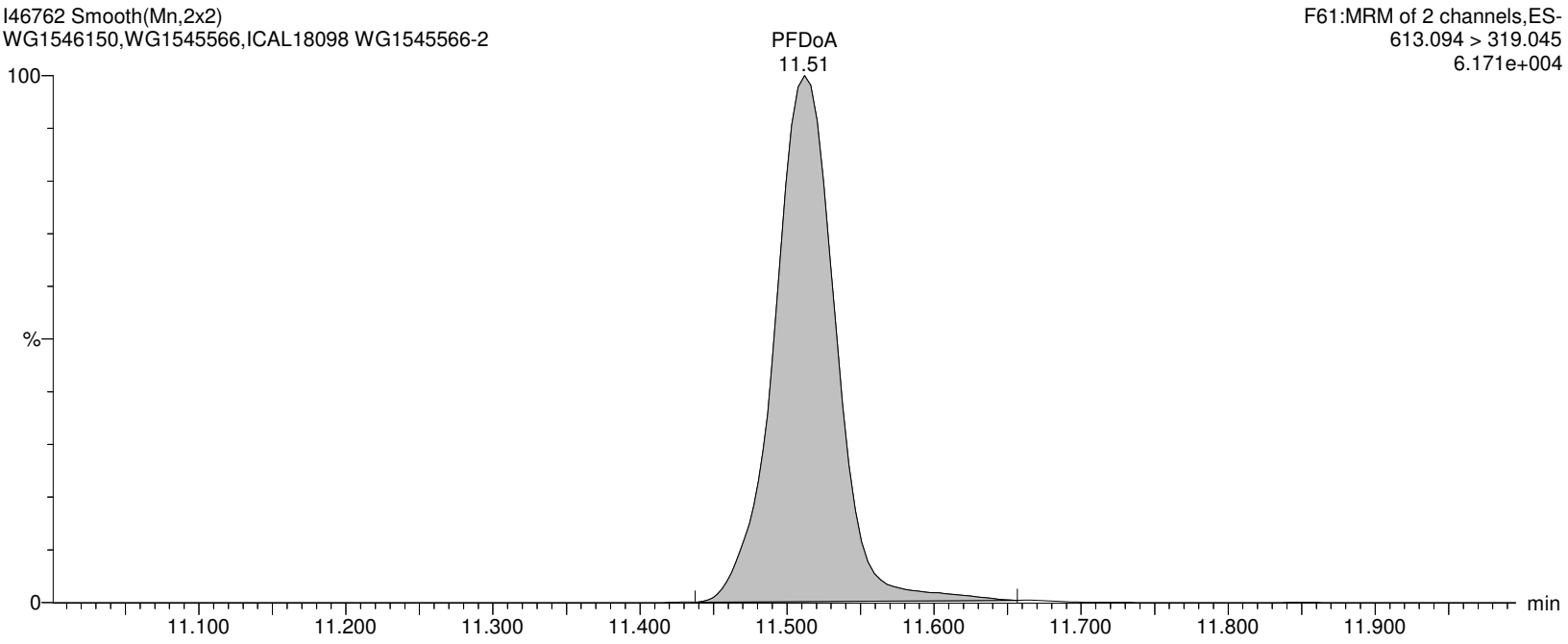
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:52 Eastern Daylight Time

Name: I46762
ID: WG1545566-2
Date: 15-Sep-2021
Time: 04:36:05
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoA



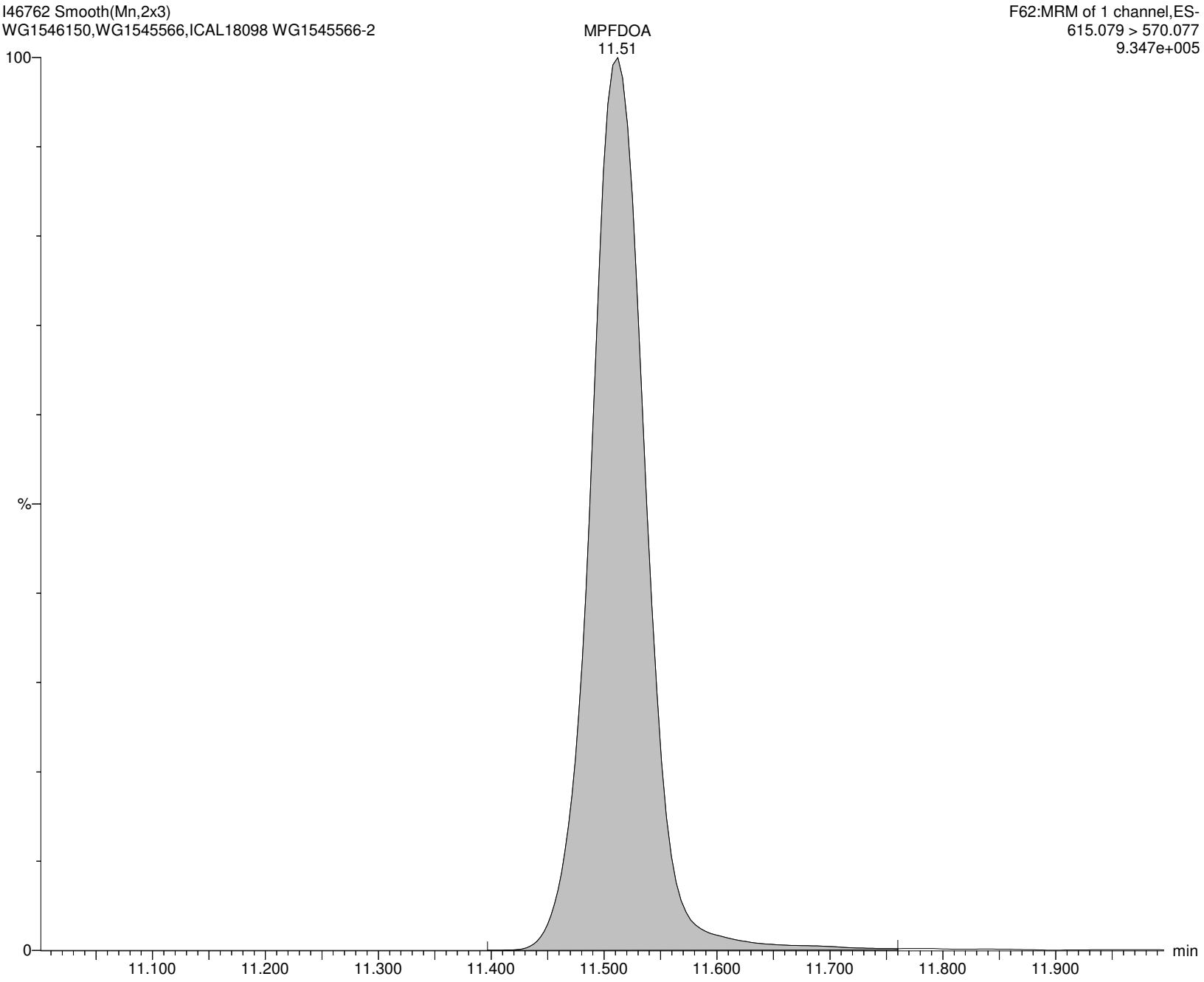


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:52 Eastern Daylight Time

Name: I46762
ID: WG1545566-2
Date: 15-Sep-2021
Time: 04:36:05
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFDOA

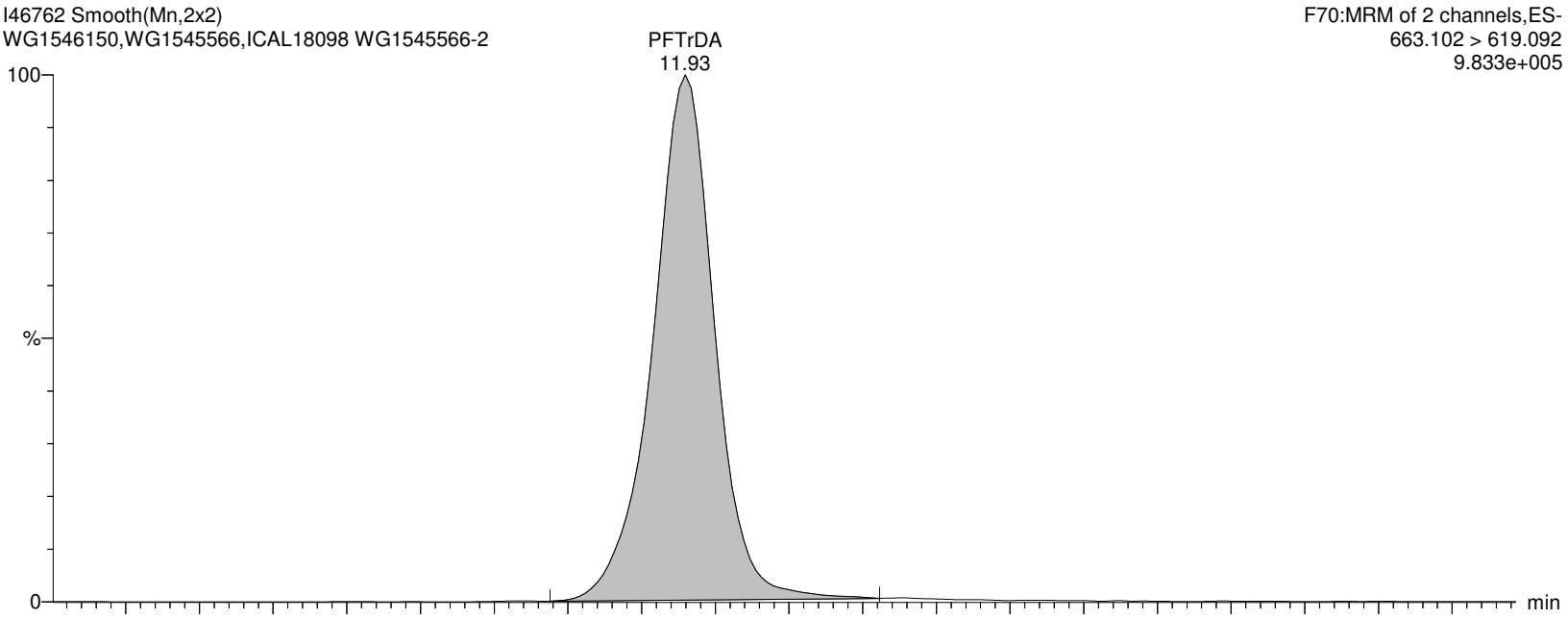


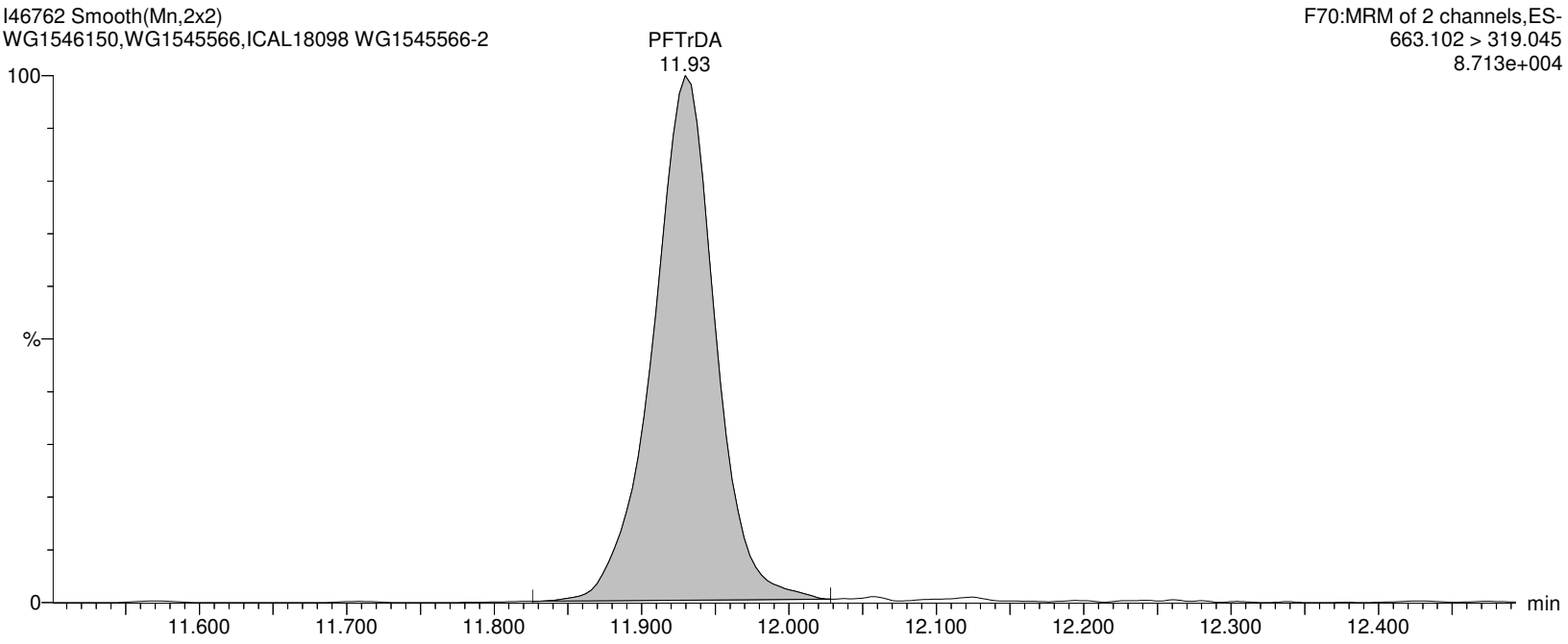
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:52 Eastern Daylight Time

Name: I46762
ID: WG1545566-2
Date: 15-Sep-2021
Time: 04:36:05
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTrDA



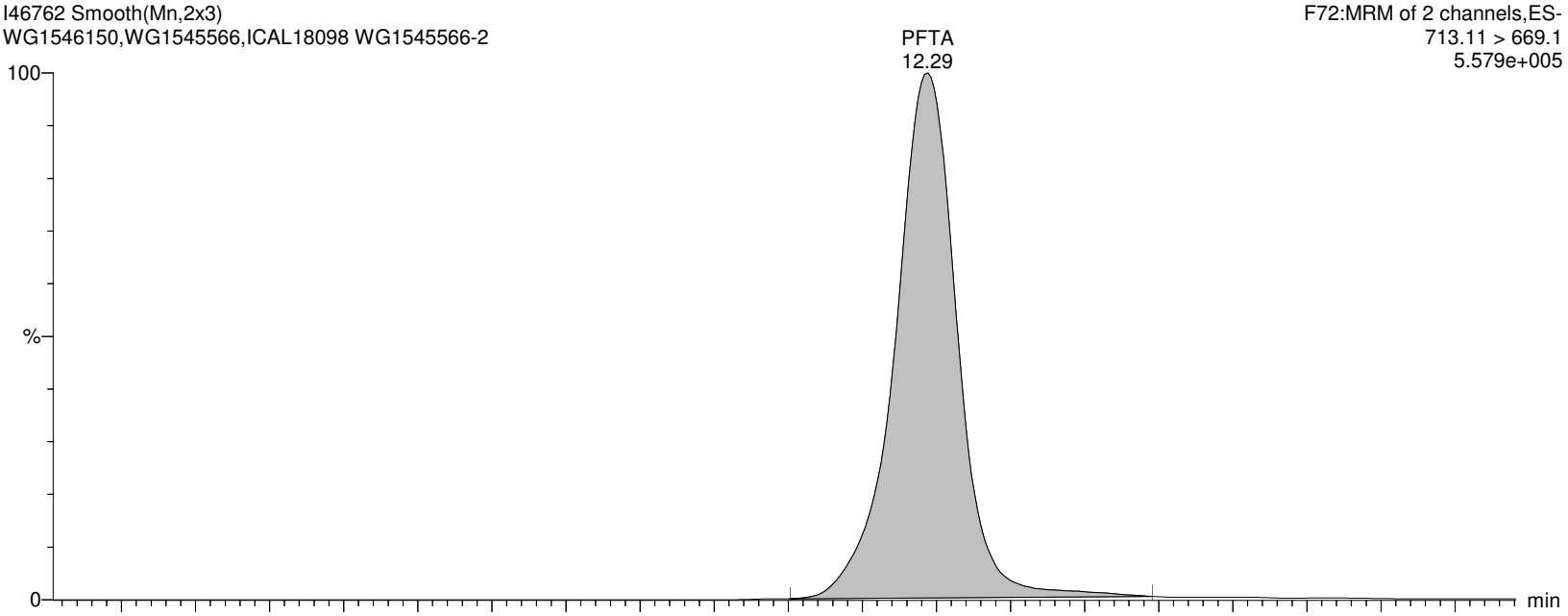


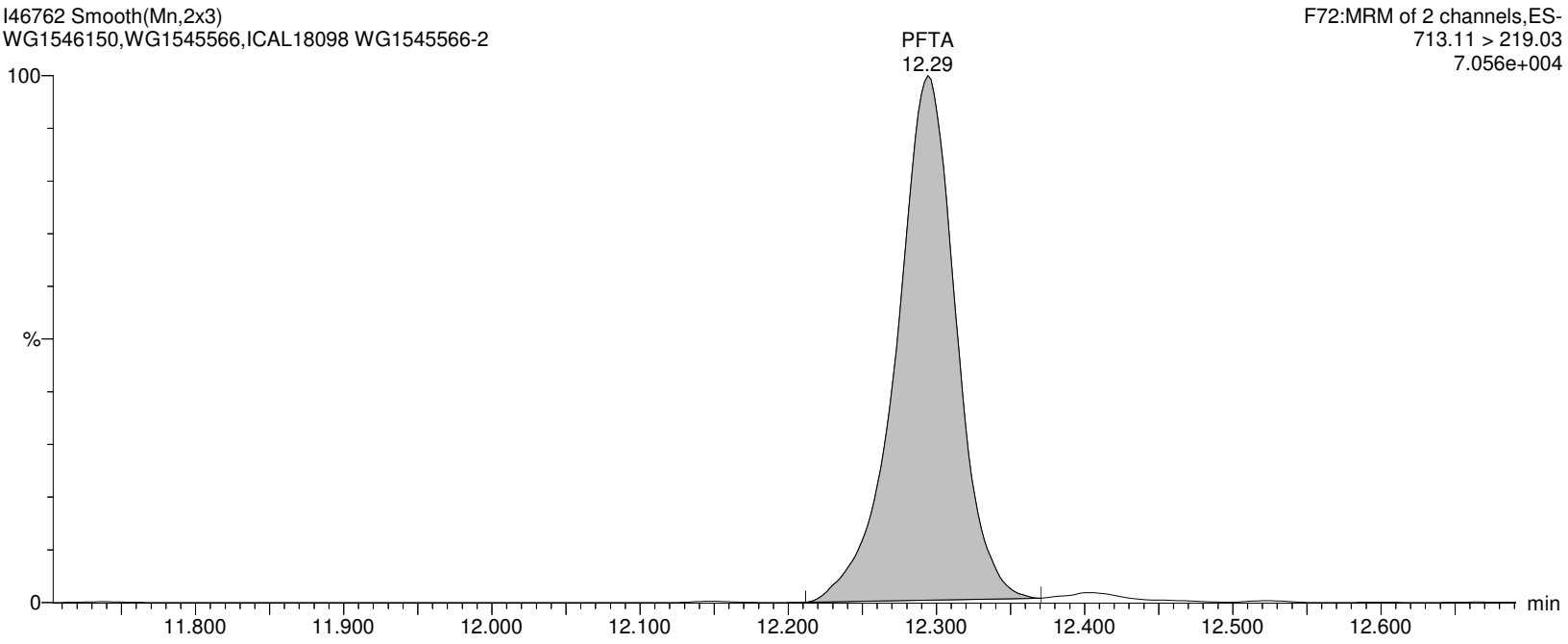
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:52 Eastern Daylight Time

Name: I46762
ID: WG1545566-2
Date: 15-Sep-2021
Time: 04:36:05
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTA



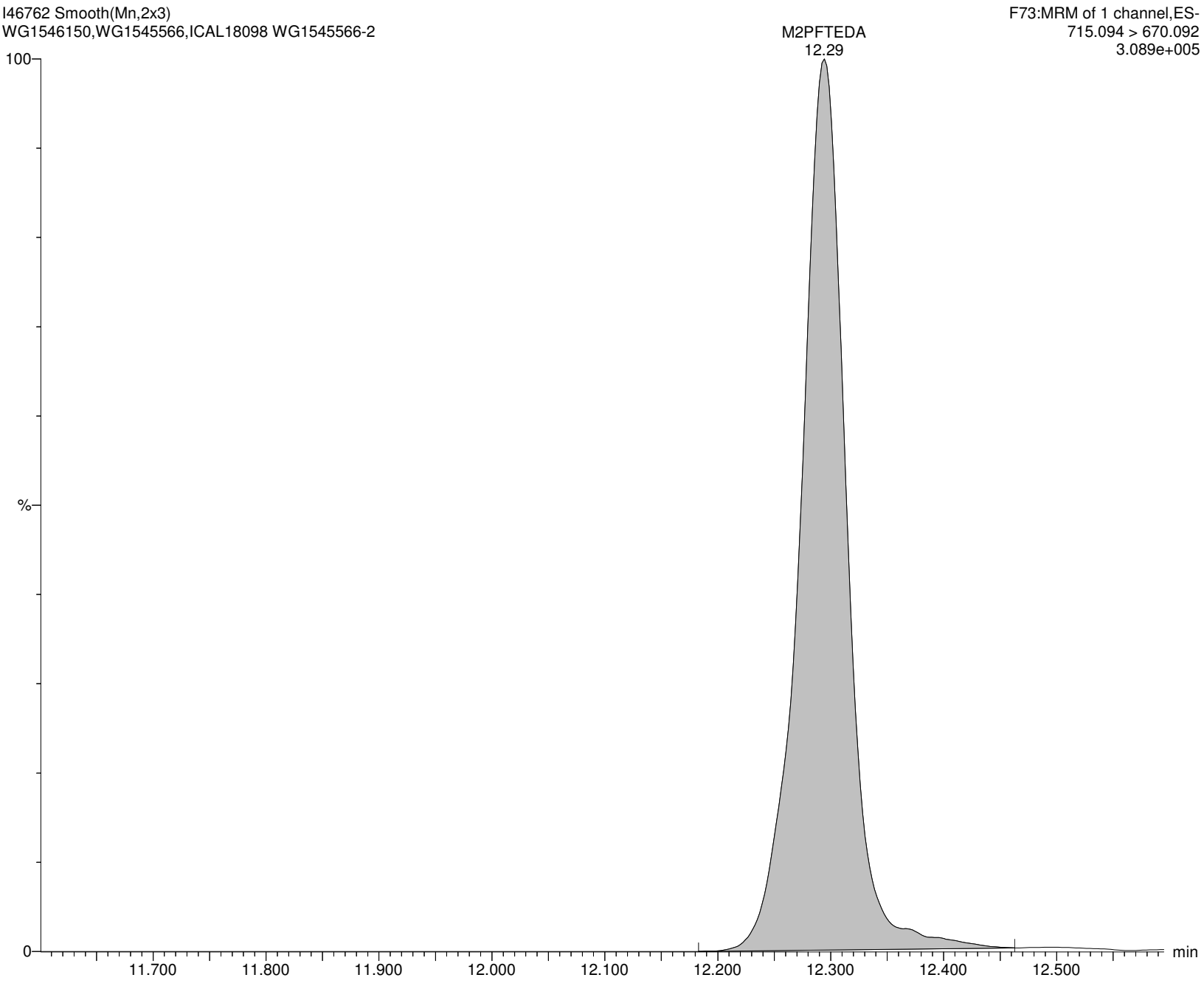


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:52 Eastern Daylight Time

Name: I46762
ID: WG1545566-2
Date: 15-Sep-2021
Time: 04:36:05
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 1:F,7
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFTEDA



all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:00 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210914_537ISO.PRO\MethDB\537ISO_Q_210625_TOP_RT2.mdb 03 Sep 2021 08:44:20
Calibration: C:\MassLynx\Data\2021\210914_537ISO.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

ID: WG1545566-4
Name: I46766
Date: 15-Sep-2021
Time: 05:42:20
Description: WG1546150,WG1545566,ICAL18098
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:SG
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.10	213.032 > 169.022	286		0.076		na	
2	M3PFBA	INT STD	2.10	216.009 > 171.999	46219		8.804		na	88.0
3	MPFBA	INT STD	2.10	217.001 > 171.999	42433		8.538		na	85.4
4	PFPeA	2706-90-3	4.99	263.039 > 219.03	277		0.064		na	
5	M5PFPEA	INT STD	4.99	268.001 > 222.999	46119		8.457		na	84.6
6	PFBS	375-73-5		299.092 > 80.062			ND		YES	
7	M3PFBS	INT STD	5.64	302.069 > 80.062	12140		9.852		na	98.5
8	4:2FTS	757124-72-4		327.146 > 307.139			ND		YES	
9	M2-4:2FTS	INT STD	6.81	329.13 > 309.124	6142		12.438		na	124.4
10	PFHxA	307-24-4	6.88	313.047 > 269.037	384	M4,M7	0.072	39.03	YES	
11	M5PFHxA	INT STD	6.89	318.009 > 273.007	50466		8.943		na	89.4
12	PFPeS	2706-91-4		349.1 > 80.062			ND		YES	
13	PFHpA	375-85-9	8.16	363.055 > 319.045	305	M7	0.040	6.59	NO	
14	M4PFHpA	INT STD	8.16	367.025 > 322.022	75081		8.924		na	89.2
15	br-PFHxS	355-46-4		399.107 > 80.062			ND		YES	
16	L-PFHxS	355-46-4		399.107 > 80.062			ND		YES	
17	PFHxS	355-46-4		399.107 > 80.062	0		ND		na	
18	M3PFHxS	INT STD	8.32	402.084 > 80.062	15034		10.759		na	107.6
19	br-PFOA	335-67-1	8.88	413.063 > 369.053	320	M5,M7	0.040	3.99	NO	
20	L-PFOA	335-67-1	9.10	413.063 > 369.053	1225		0.154	10.68	NO	
21	PFOA	335-67-1		413.063 > 369.053	1545		0.195		na	
22	M8PFOA	INT STD	9.10	421.002 > 376.	82344		8.788		na	87.9
23	M2PFOA	INT STD	9.10	415.048 > 370.045	92291		8.714		na	87.1
24	6:2FTS	27619-97-2		427.161 > 407.155			ND		YES	
25	M2-6:2FTS	INT STD	9.06	429.146 > 409.14	5640		11.126		na	111.3
26	PFHpS	375-92-8		449.115 > 80.062			ND		YES	
27	PFNA	375-95-1		463.071 > 419.061			ND		YES	
28	M9PFNA	INT STD	9.86	472.002 > 427.	24872		9.241		na	92.4
29	br-PFOS	1763-23-1	9.66	499.123 > 80.062	207	M5,M7	0.142	1.62	YES	
30	L-PFOS	1763-23-1	9.92	499.123 > 80.062	66	M2,M7	0.056	1.99	NO	
31	PFOS	1763-23-1		499.123 > 80.062	273		0.198		na	
32	M4PFOS	INT STD	9.91	503.093 > 80.062	11168		9.867		na	98.7
33	M8PFOS	INT STD	9.91	507.062 > 80.062	13422		10.725		na	107.3
34	PFDA	335-76-2		513.078 > 469.069			ND		YES	
35	M2PFDA	INT STD	10.49	515.053 > 469.934	55018		9.019		na	90.2
36	M6PFDA	INT STD	10.49	519.033 > 474.03	58764		9.410		na	94.1
37	8:2FTS	39108-34-4		527.177 > 507.171			ND		YES	
38	M2-8:2FTS	INT STD	10.48	529.162 > 509.155	3920		10.520		na	105.2
39	PFNS	68259-12-1		549.131 > 80.062			ND		YES	

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:00 Eastern Daylight Time

ID: WG1545566-4
Name: I46766
Date: 15-Sep-2021
Time: 05:42:20
Description: WG1546150,WG1545566,ICAL18098
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:SG
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.88	573.22 > 419.061	3971		6.747		na	67.5
41	br-NMeFOSAA			570.202 > 419.061			ND		YES	
42	L-NMeFOSAA			570.202 > 419.061			ND		YES	
43	NMeFOSAA	2355-31-9		570.202 > 419.061	0		ND		na	
44	PFUnA	2058-94-8		563.086 > 519.076			ND		YES	
45	M7-PFUDA	INT STD	11.03	570.033 > 525.031	59092		10.147		na	101.5
46	PFDS	335-77-3		599.139 > 80.062			ND		YES	
47	FOSA	754-91-6		498.146 > 78.07			ND		YES	
48	M8FOSA	INT STD	10.96	506.077 > 78.07	8562		2.532		na	25.3
49	br-NEtFOSAA			584.229 > 419.061			ND		YES	
50	L-NEtFOSAA			584.229 > 419.061			ND		YES	
51	NEtFOSAA	2991-50-6		584.229 > 419.061	0		ND		na	
52	d5-NEtFOSAA	INT STD	11.17	589.259 > 419.061	3330		6.847		na	68.5
53	PFDoA	307-55-1		613.094 > 569.084			ND		YES	
54	MPFDOA	INT STD	11.51	615.079 > 570.077	54514		9.702		na	97.0
55	PFTrDA	72629-94-8		663.102 > 619.092			ND		YES	
56	PFTA	376-06-7		713.11 > 669.1			ND		YES	
57	M2PFTEDA	INT STD	12.29	715.094 > 670.092	15897		9.021		na	90.2

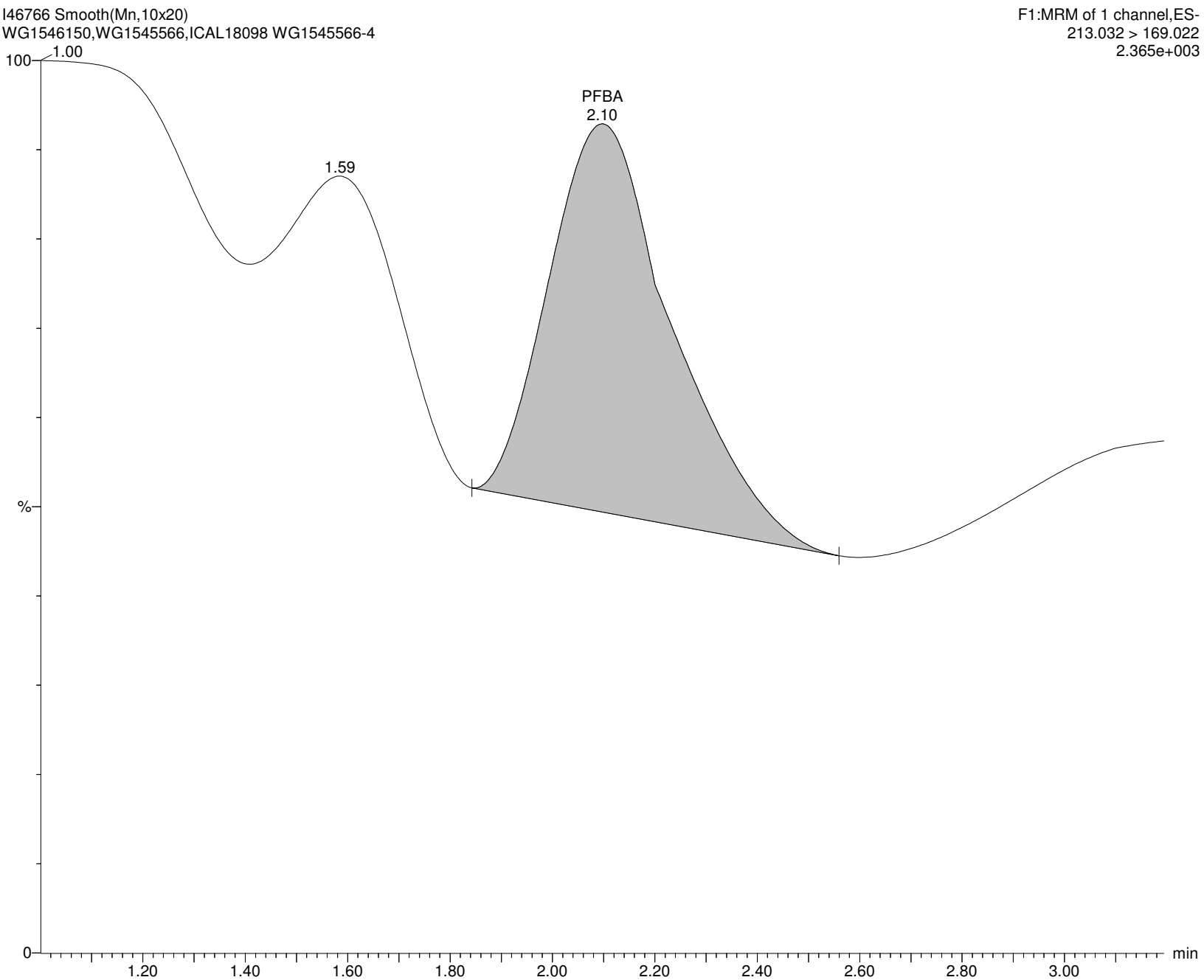
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:00 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210914_537ISO.PRO\MethDB\537ISO_Q_210625_TOP_RT2.mdb 03 Sep 2021 08:44:20
Calibration: C:\MassLynx\Data\2021\210914_537ISO.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

Name: I46766
ID: WG1545566-4
Date: 15-Sep-2021
Time: 05:42:20
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBA

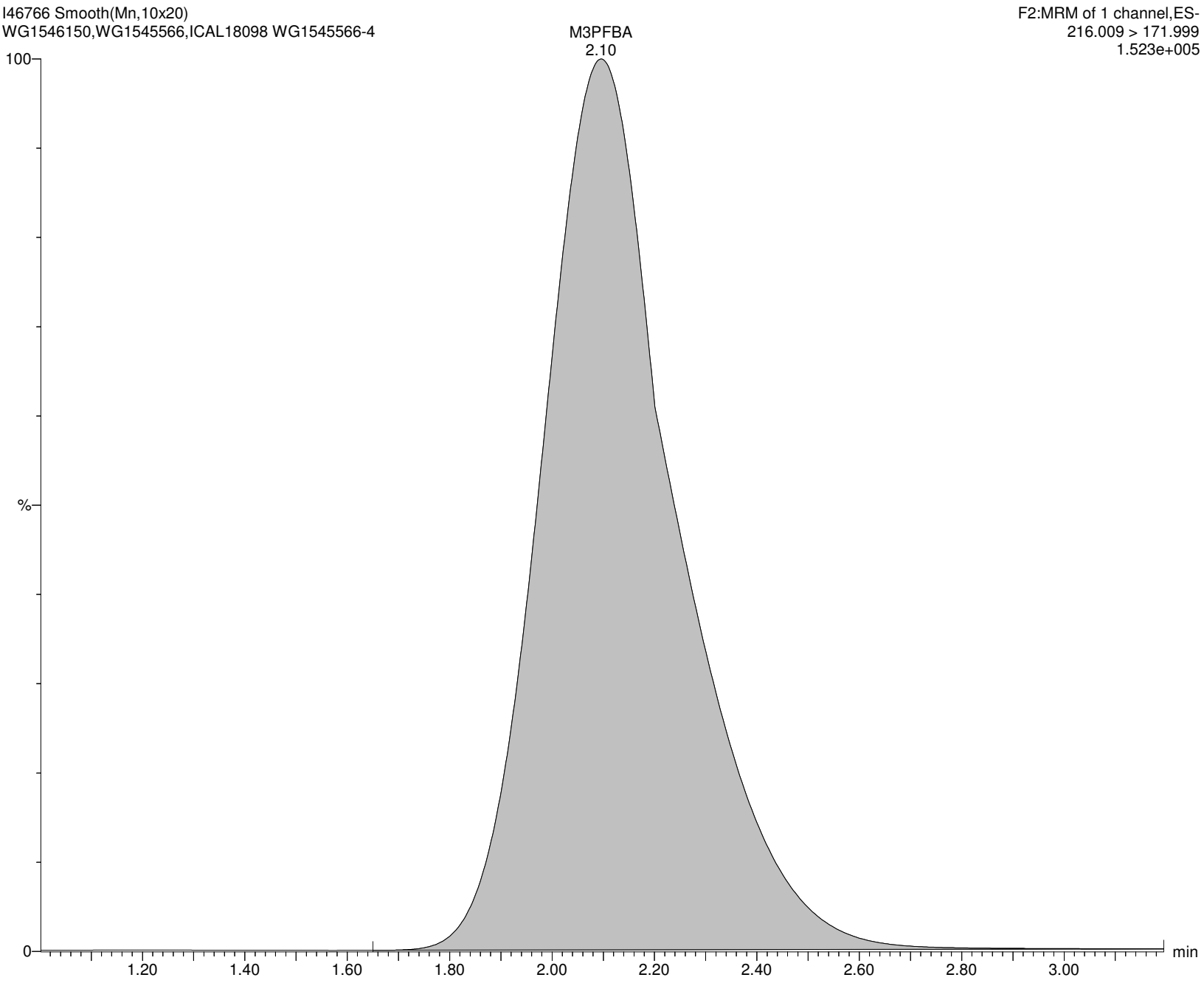


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:00 Eastern Daylight Time

Name: I46766
ID: WG1545566-4
Date: 15-Sep-2021
Time: 05:42:20
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBA

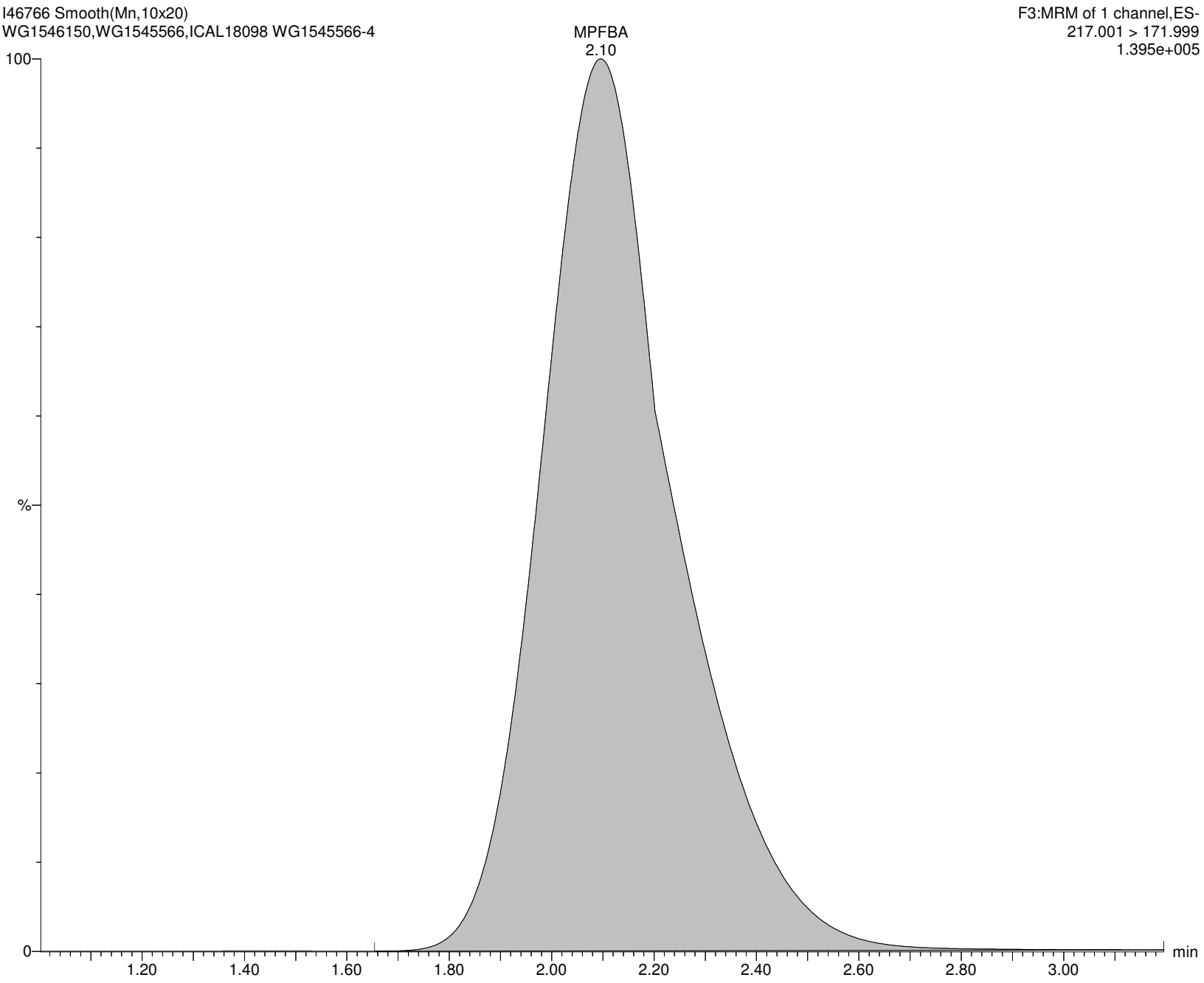


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:00 Eastern Daylight Time

Name: I46766
ID: WG1545566-4
Date: 15-Sep-2021
Time: 05:42:20
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFBA

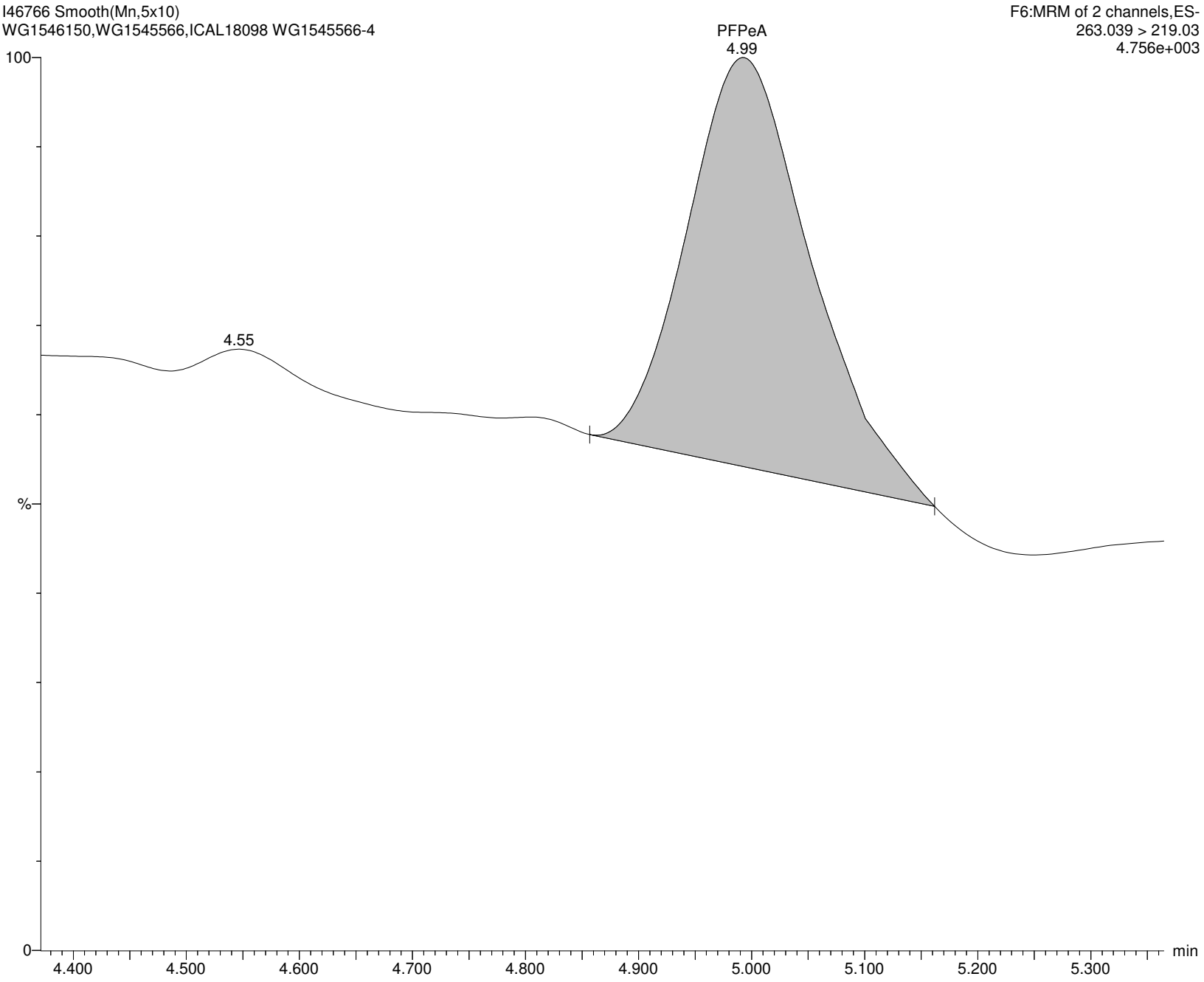


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:00 Eastern Daylight Time

Name: I46766
ID: WG1545566-4
Date: 15-Sep-2021
Time: 05:42:20
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeA

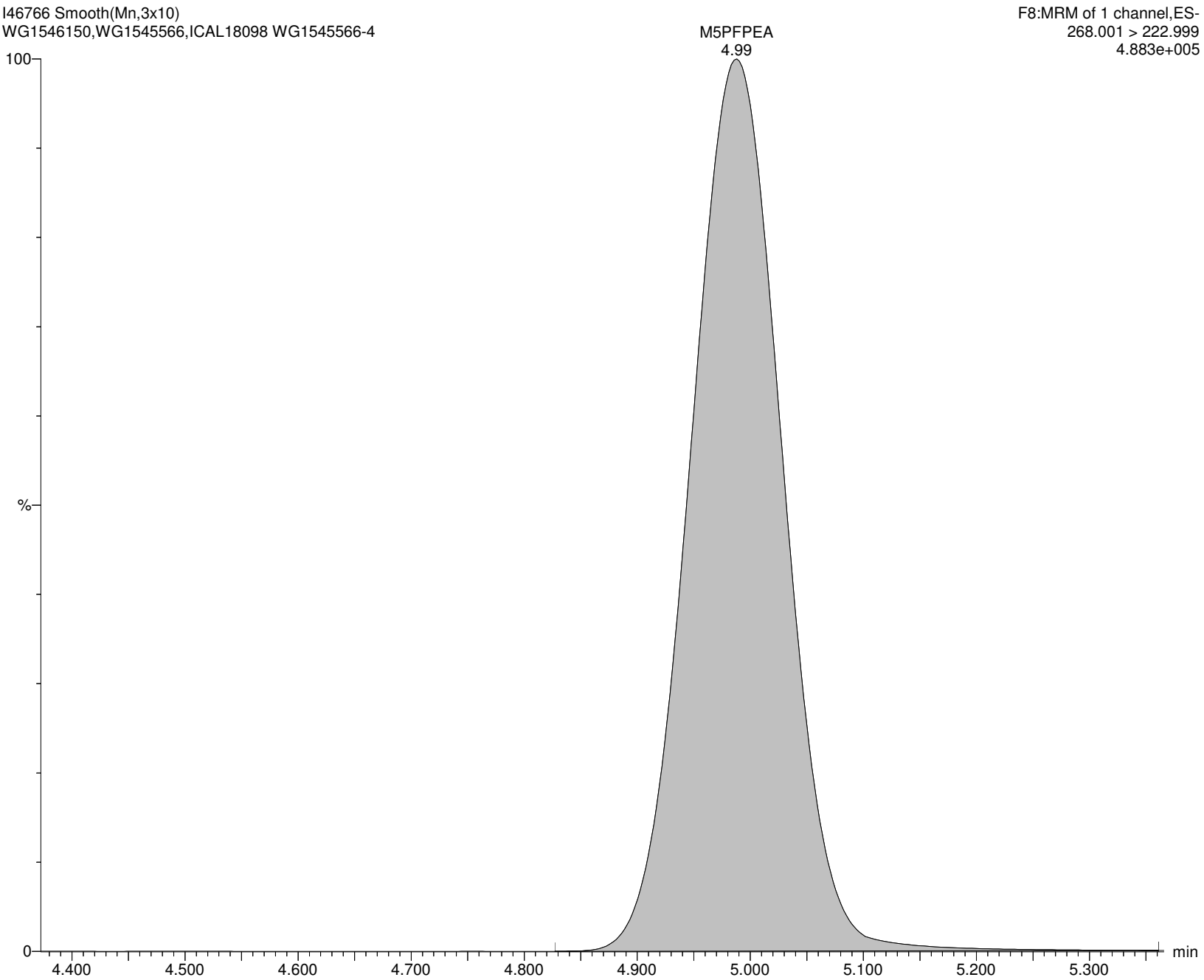


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:00 Eastern Daylight Time

Name: I46766
ID: WG1545566-4
Date: 15-Sep-2021
Time: 05:42:20
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFPEA

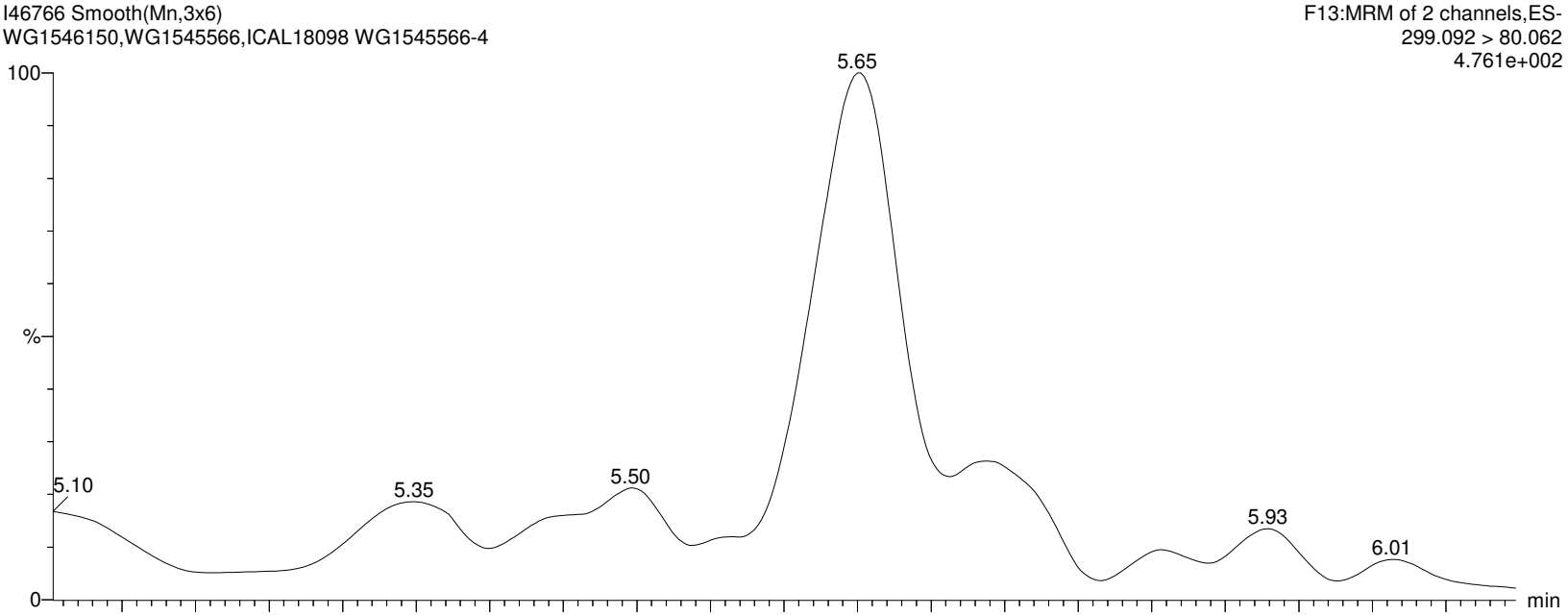


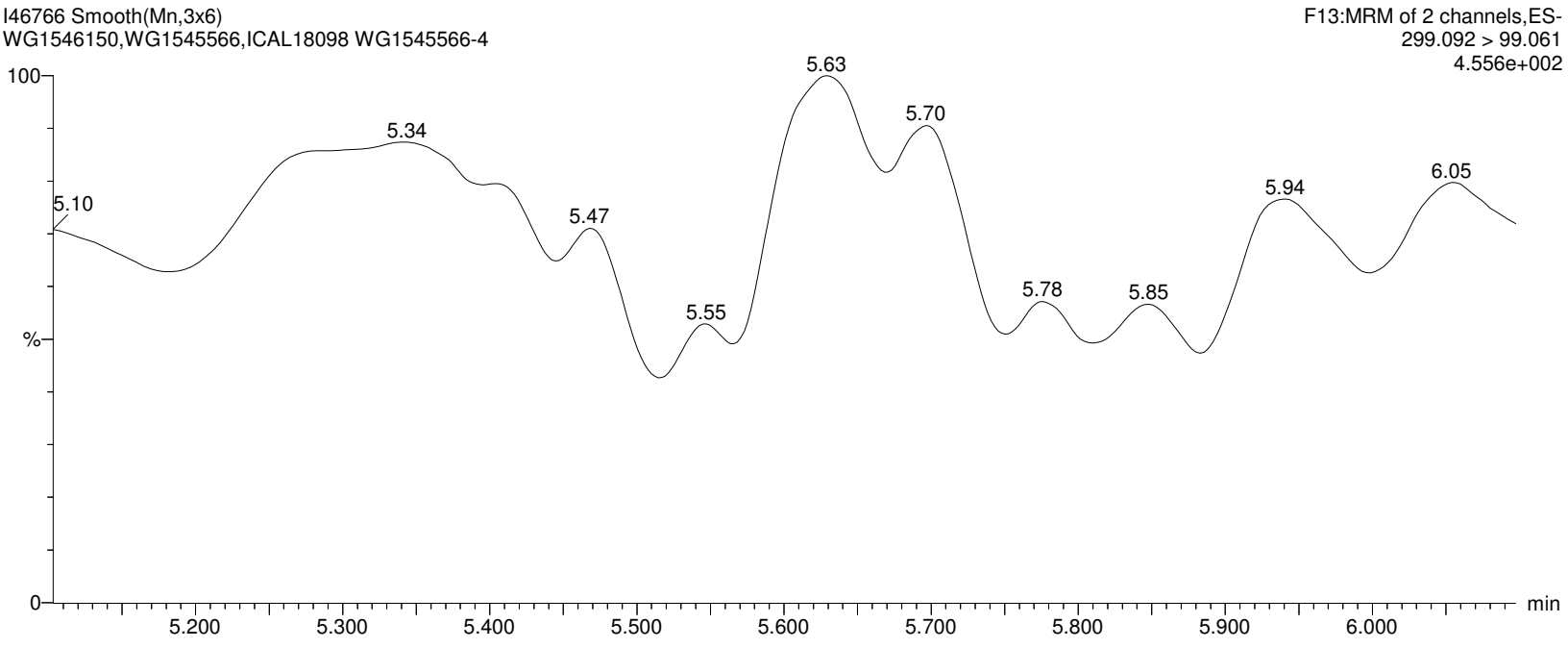
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:00 Eastern Daylight Time

Name: I46766
ID: WG1545566-4
Date: 15-Sep-2021
Time: 05:42:20
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBS



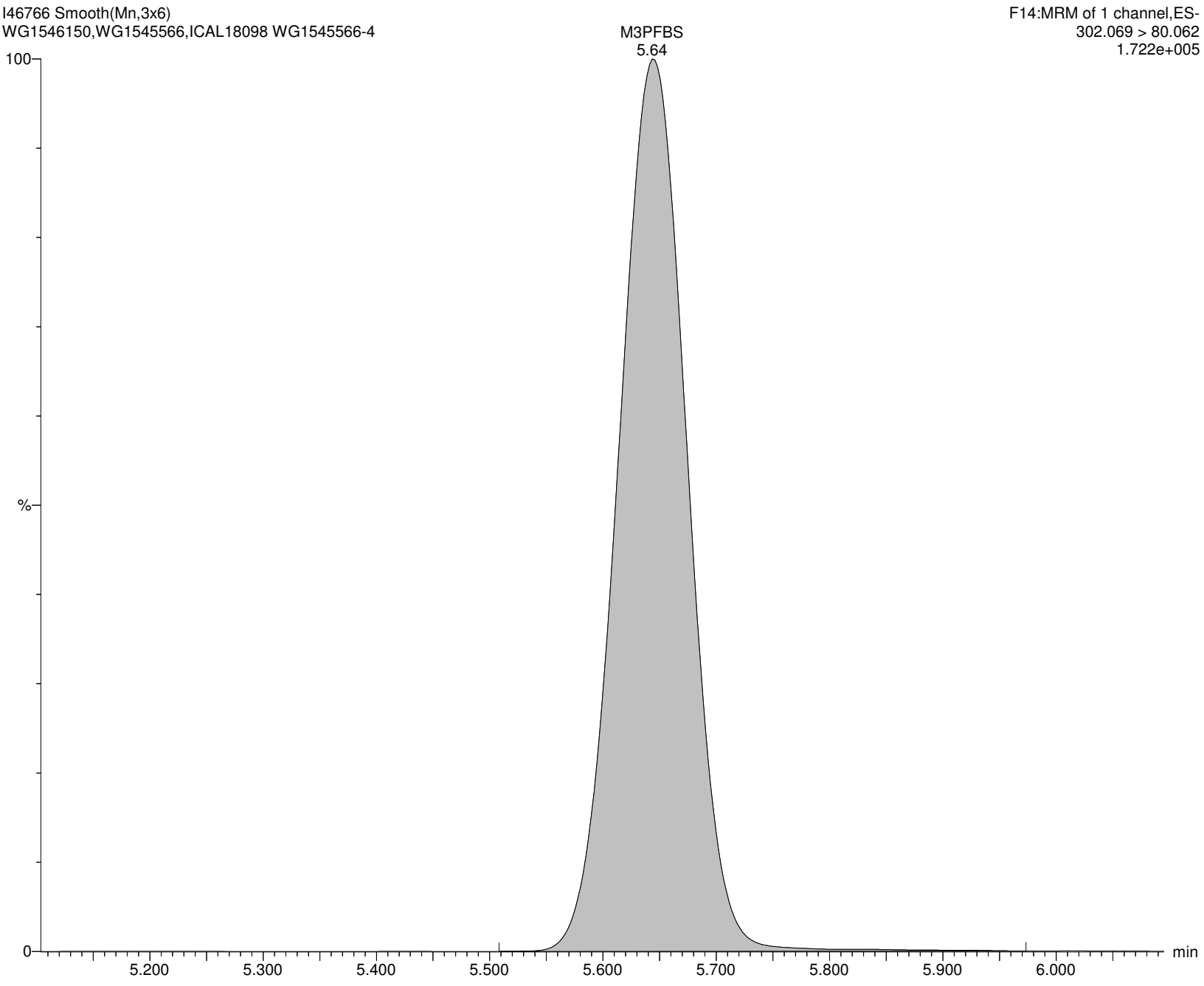


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:00 Eastern Daylight Time

Name: I46766
ID: WG1545566-4
Date: 15-Sep-2021
Time: 05:42:20
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBS

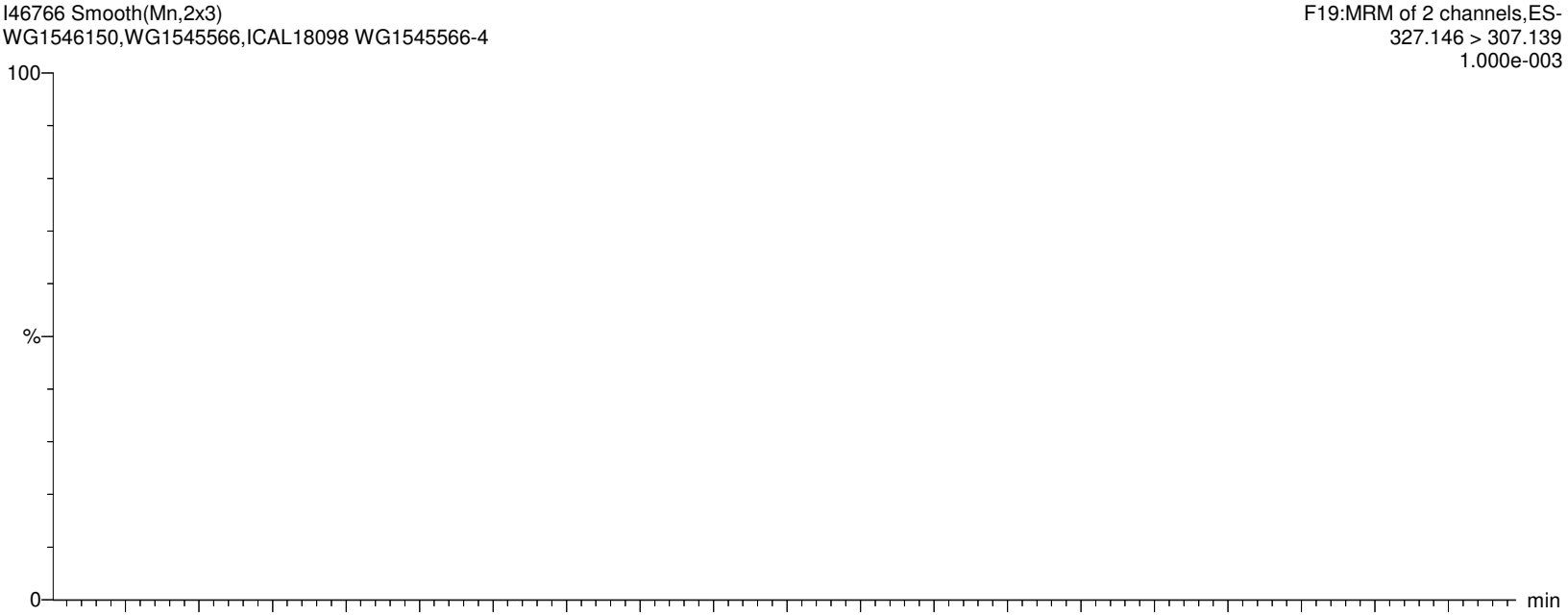


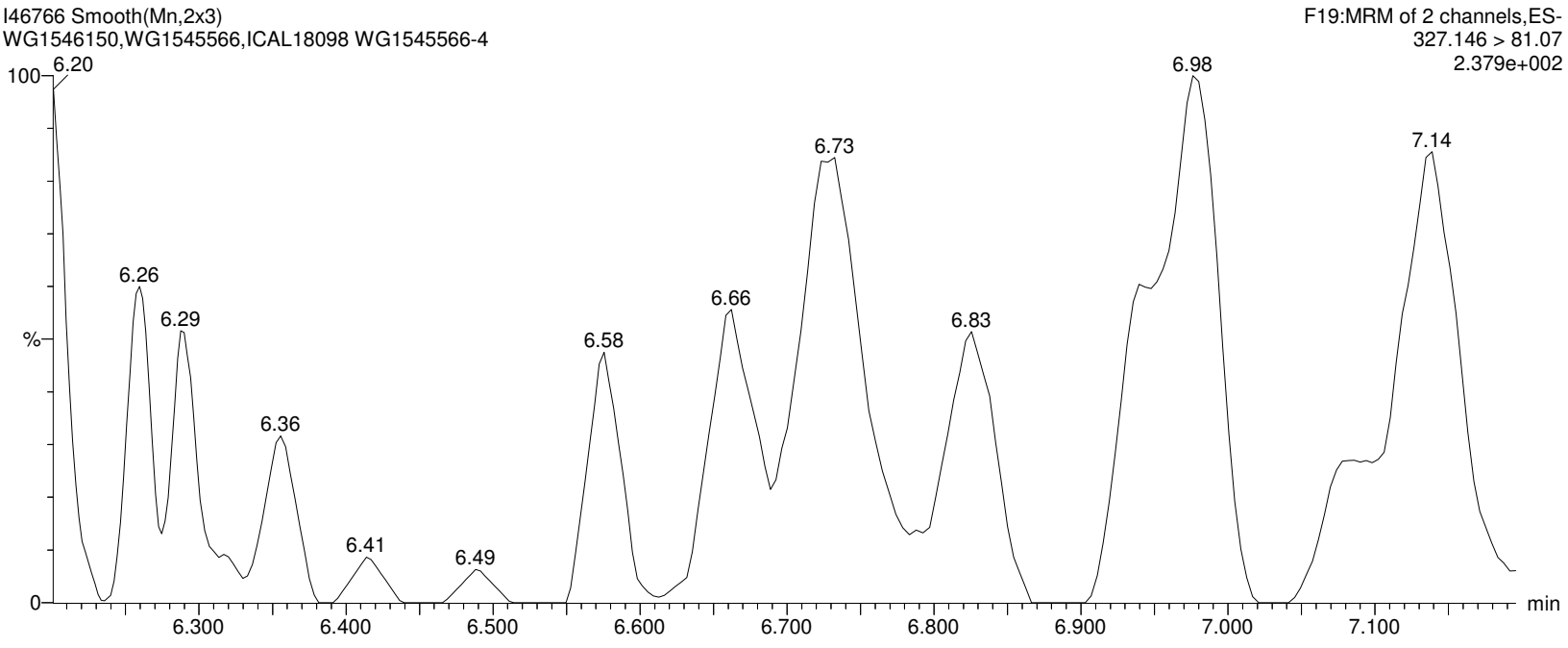
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:00 Eastern Daylight Time

Name: I46766
ID: WG1545566-4
Date: 15-Sep-2021
Time: 05:42:20
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

4:2FTS



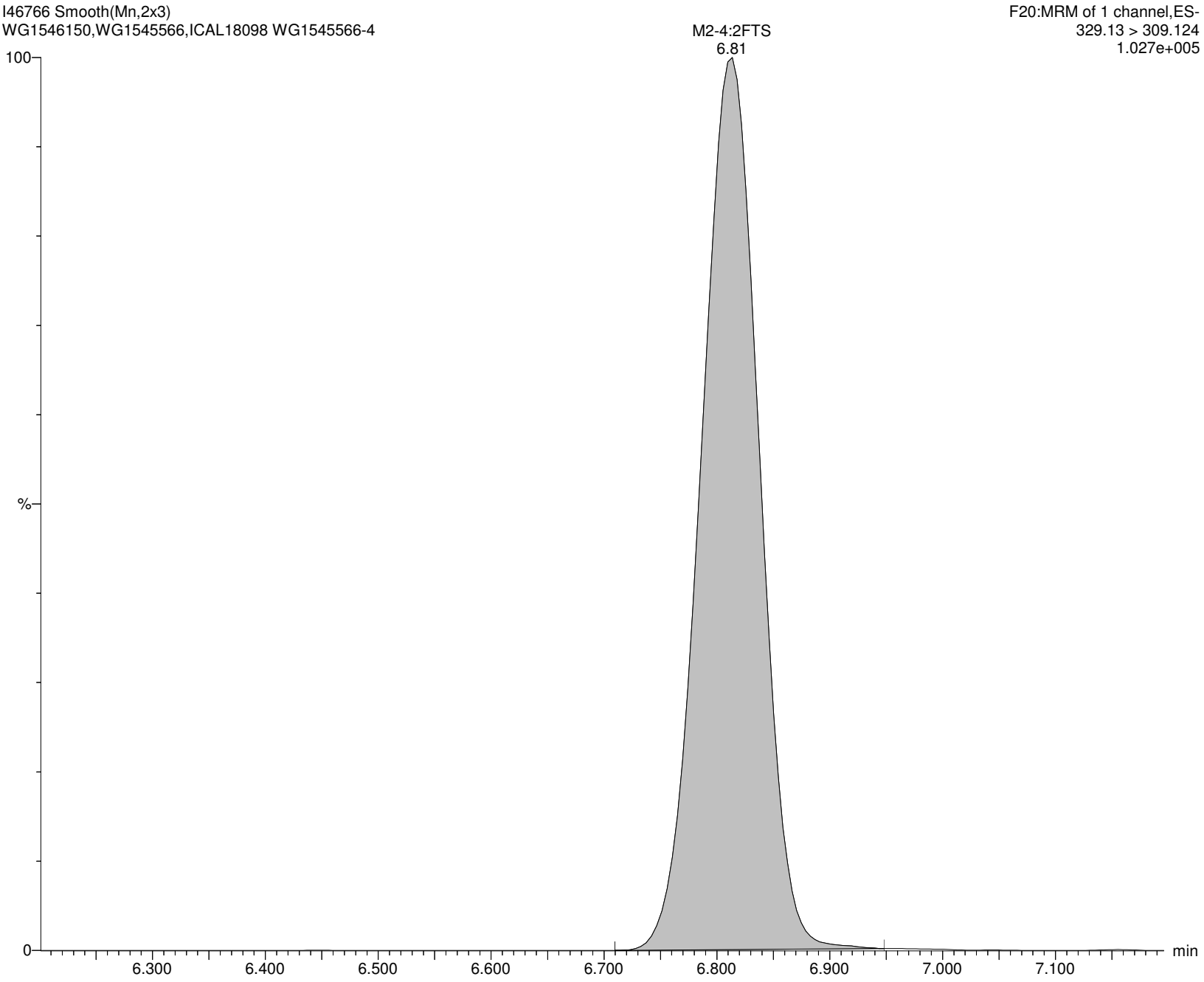


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:00 Eastern Daylight Time

Name: I46766
ID: WG1545566-4
Date: 15-Sep-2021
Time: 05:42:20
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-4:2FTS

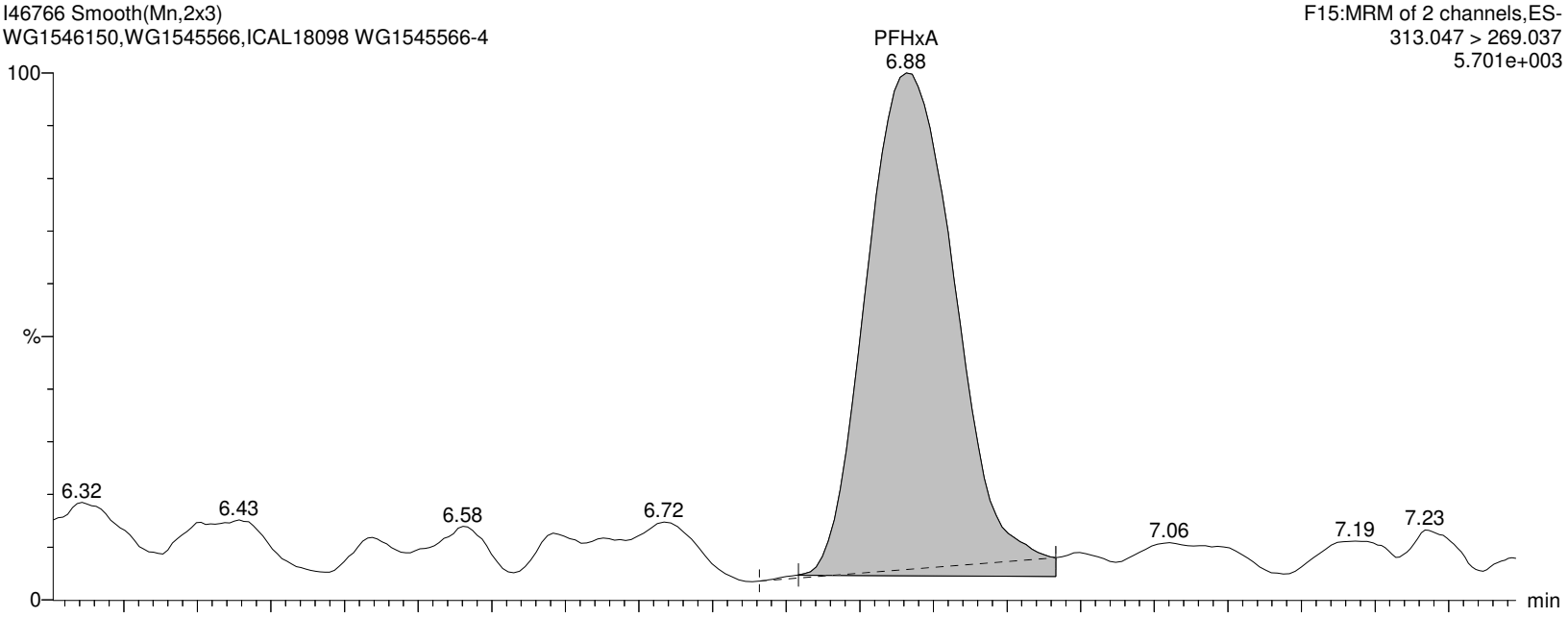


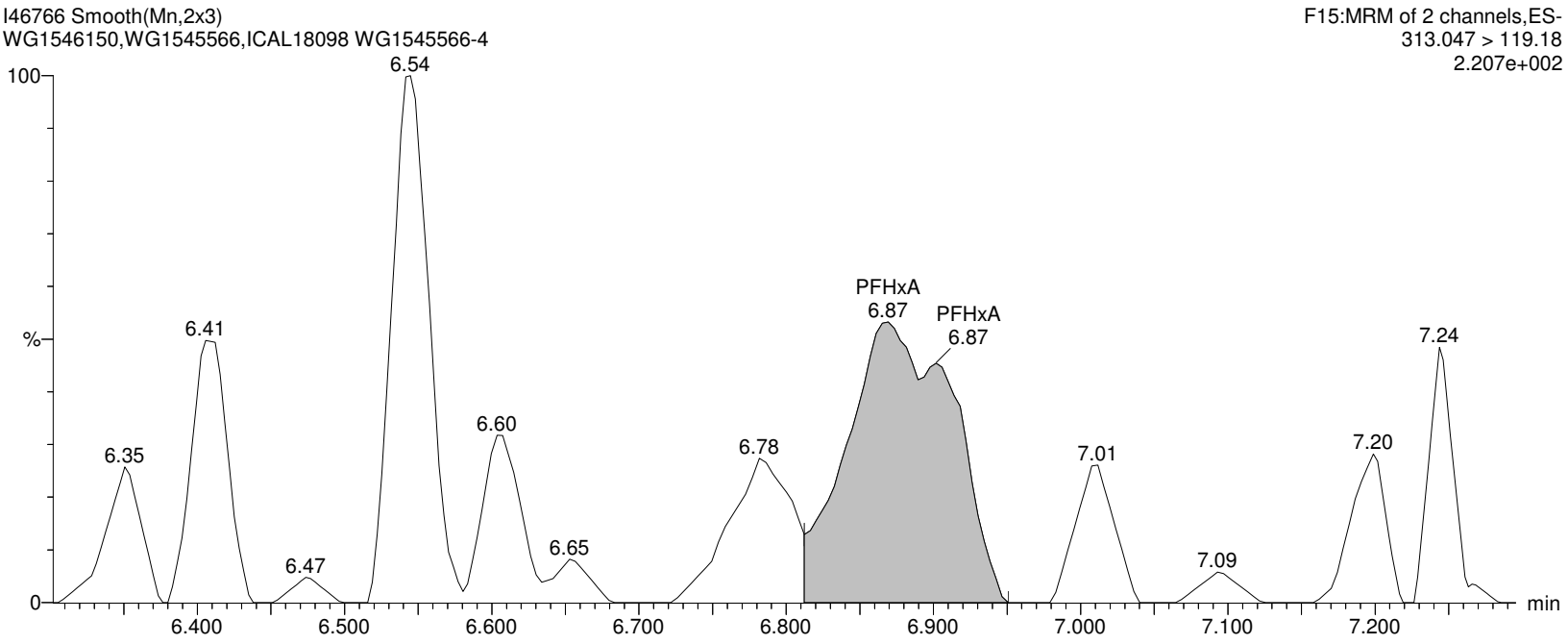
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:00 Eastern Daylight Time

Name: I46766
ID: WG1545566-4
Date: 15-Sep-2021
Time: 05:42:20
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxA



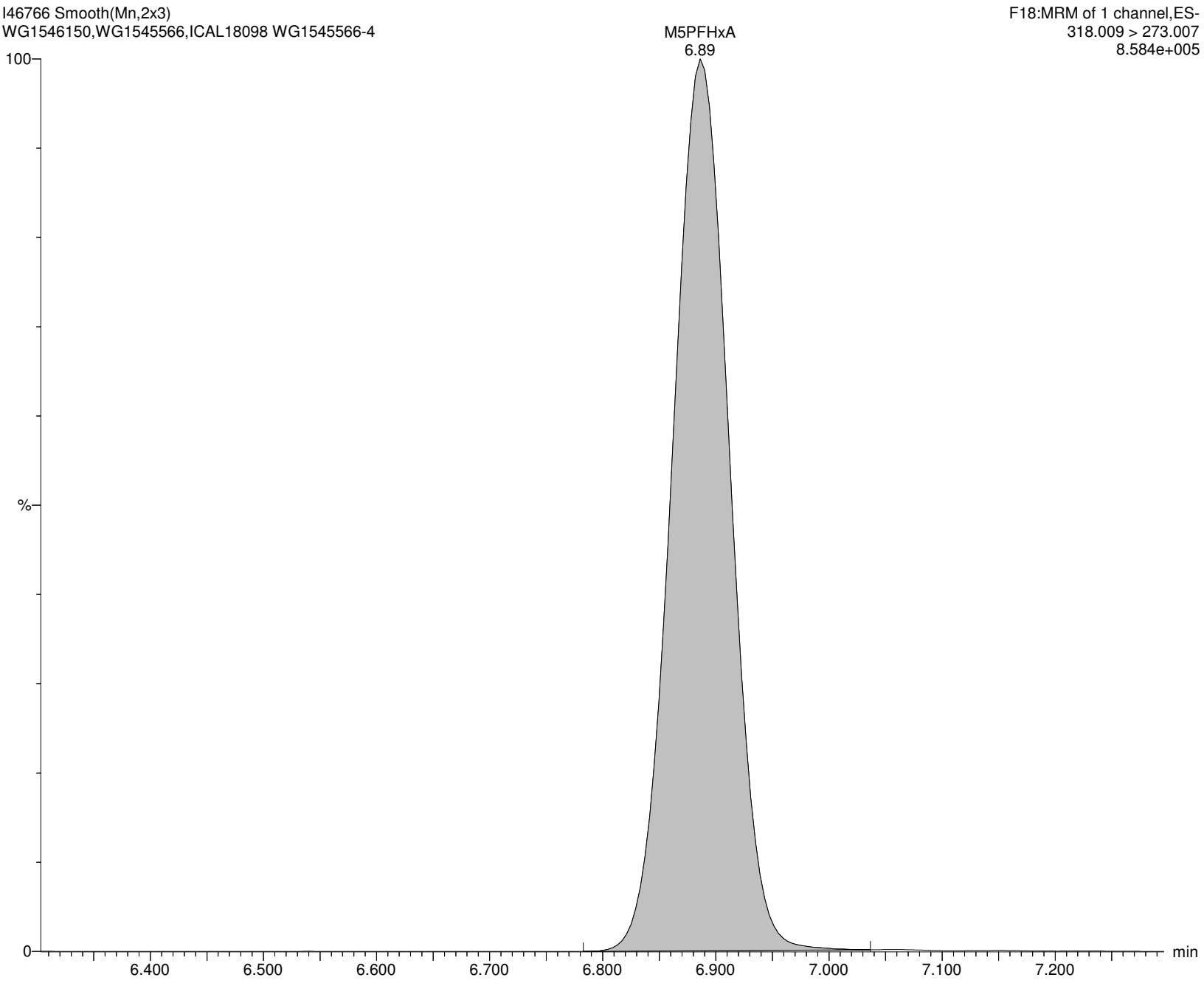


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:00 Eastern Daylight Time

Name: I46766
ID: WG1545566-4
Date: 15-Sep-2021
Time: 05:42:20
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFHxA

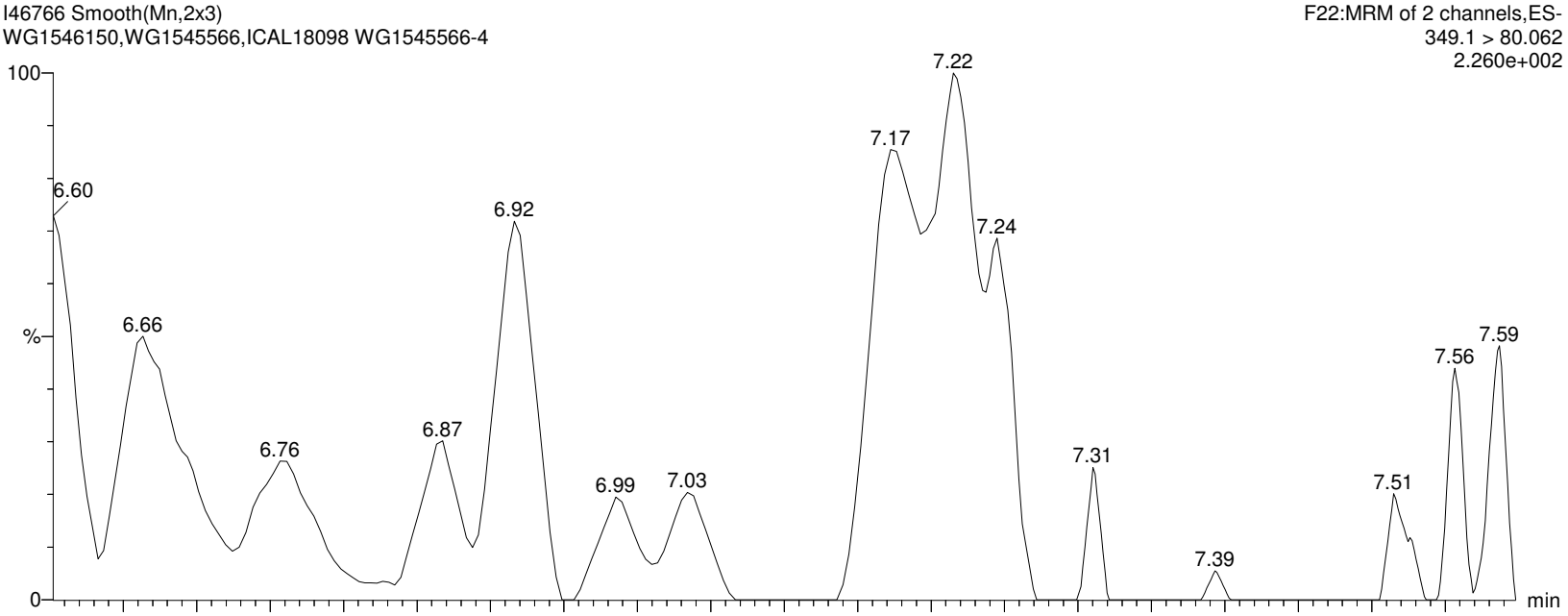


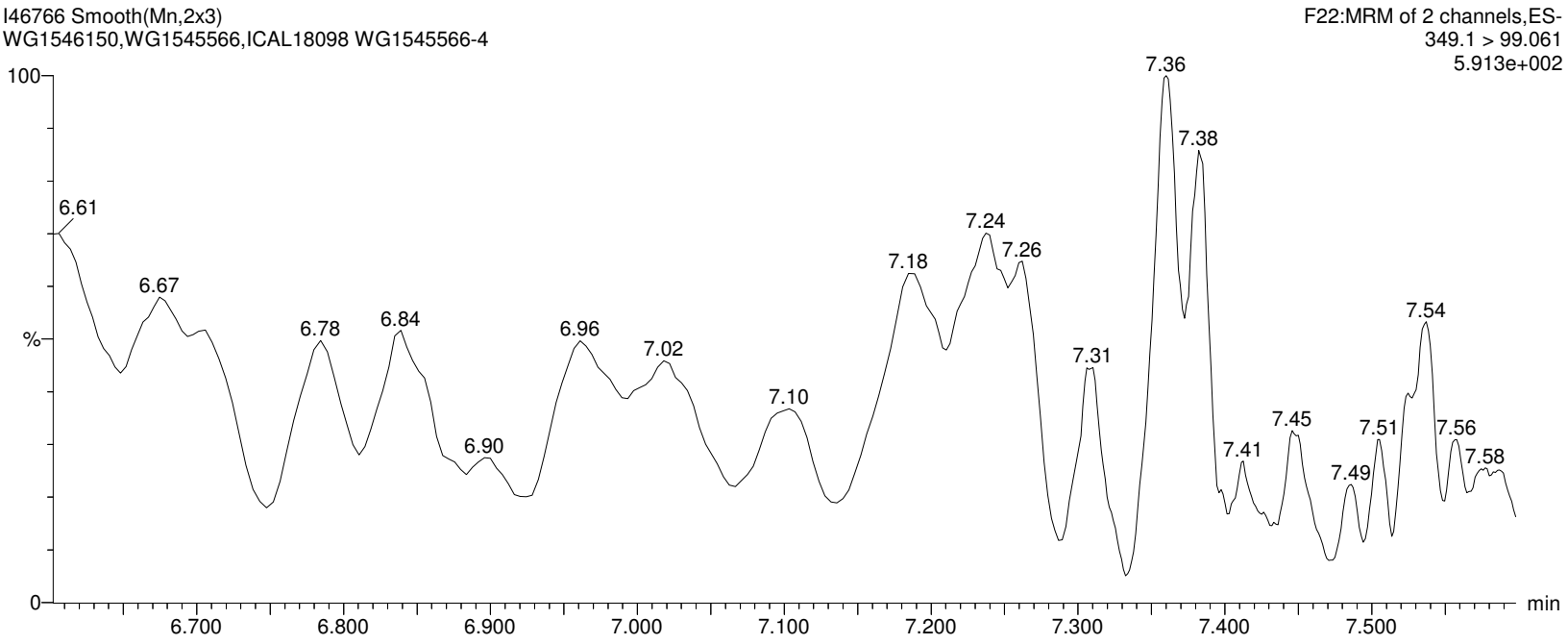
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:00 Eastern Daylight Time

Name: I46766
ID: WG1545566-4
Date: 15-Sep-2021
Time: 05:42:20
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeS



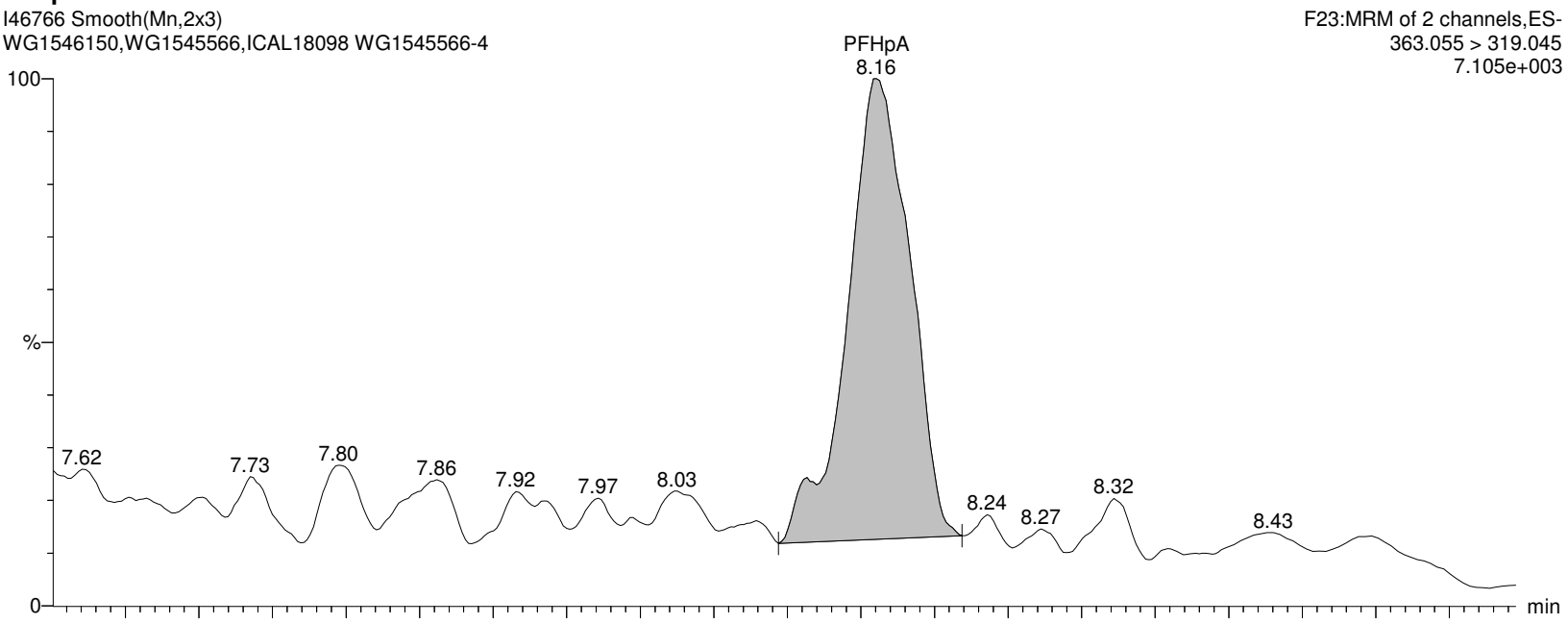


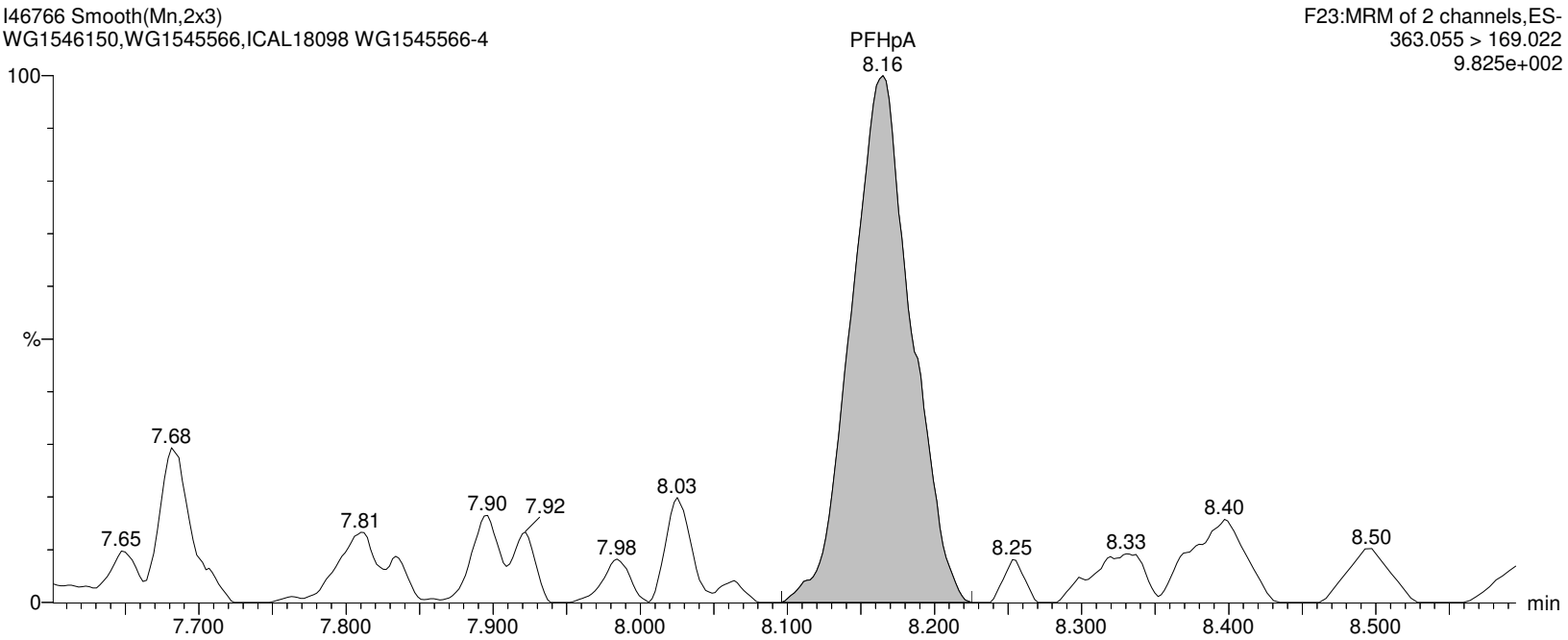
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:00 Eastern Daylight Time

Name: I46766
ID: WG1545566-4
Date: 15-Sep-2021
Time: 05:42:20
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpA



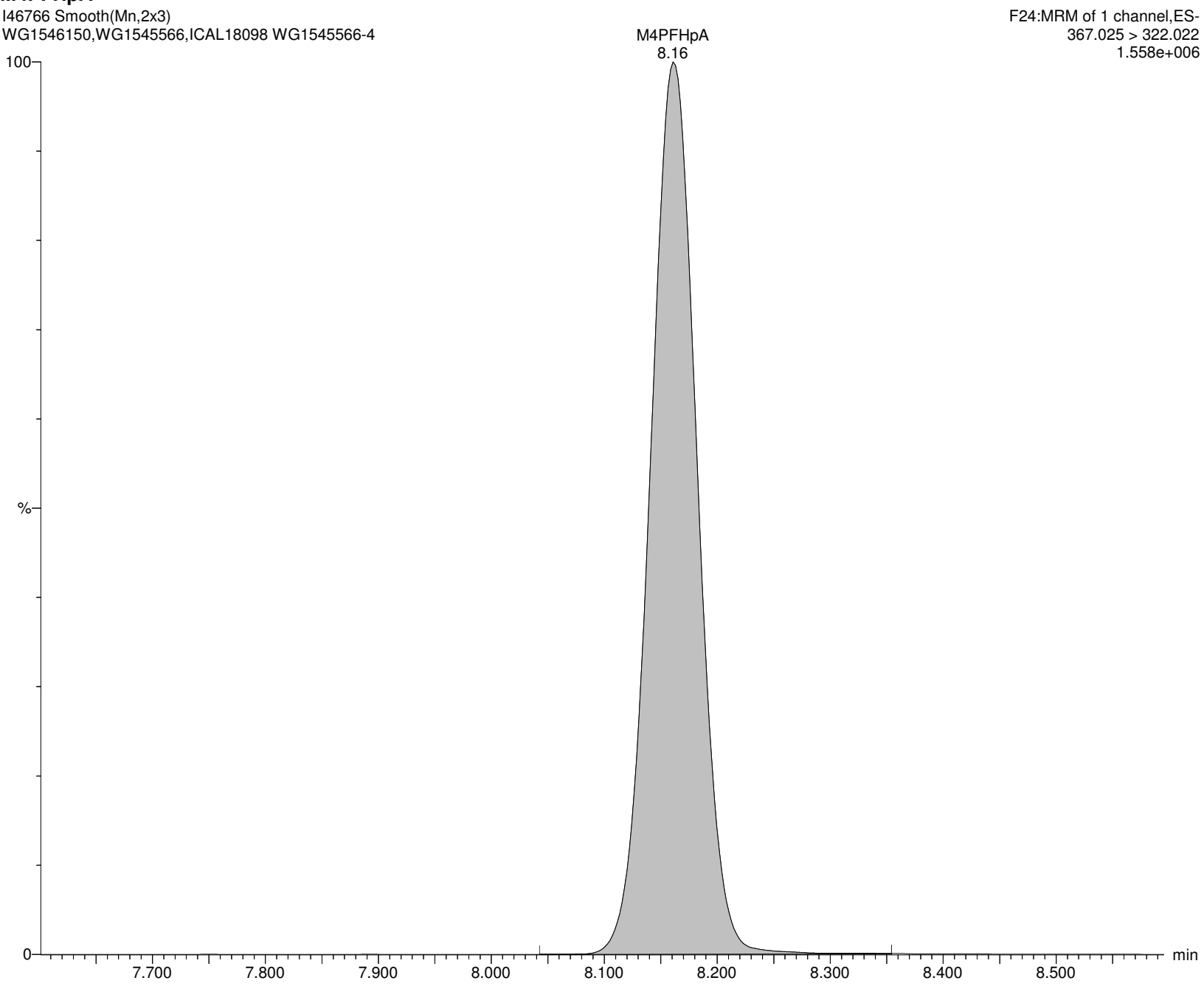


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:00 Eastern Daylight Time

Name: I46766
ID: WG1545566-4
Date: 15-Sep-2021
Time: 05:42:20
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFHpA

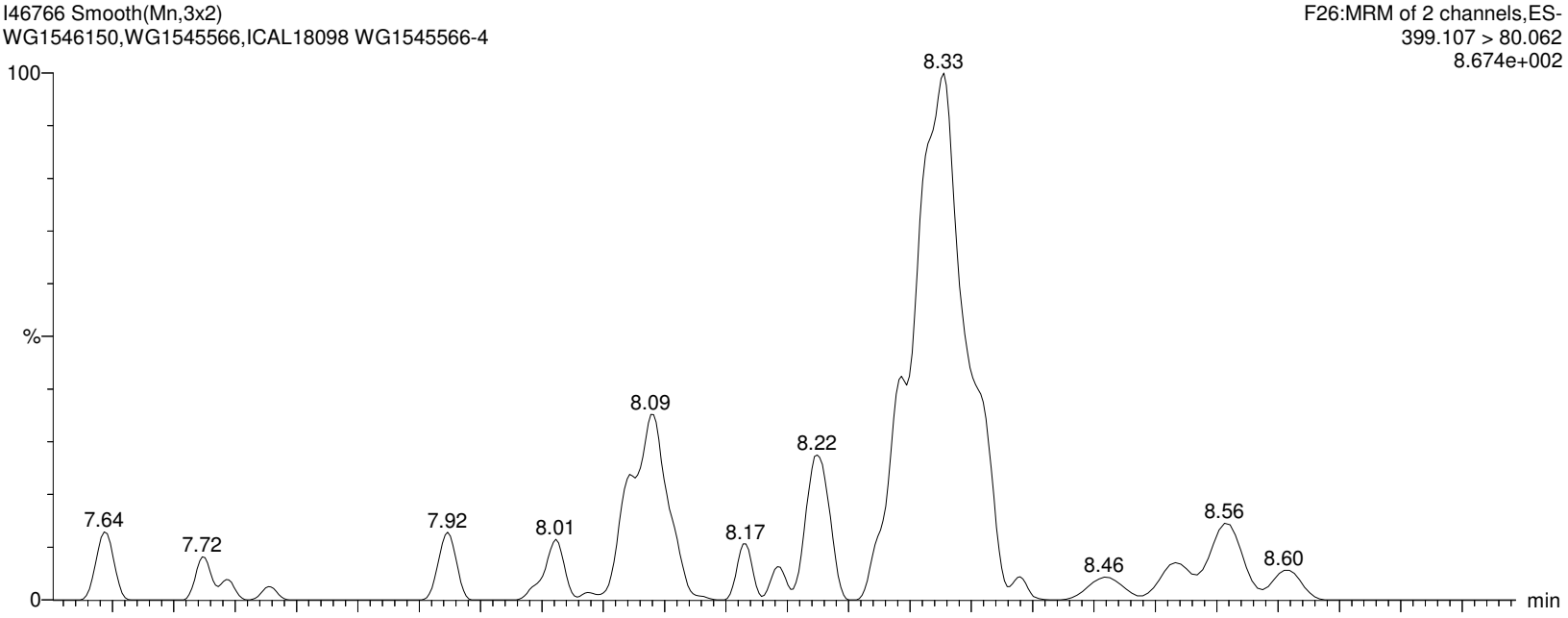


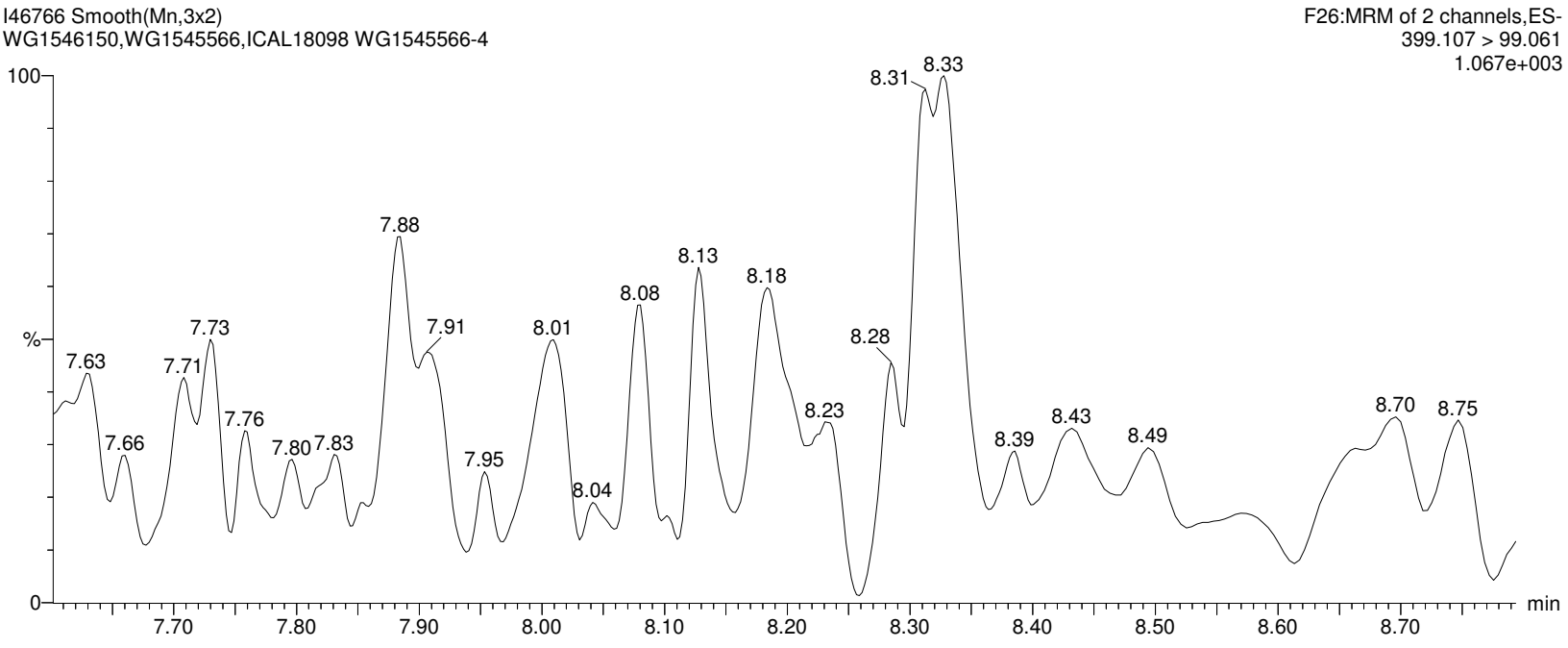
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:00 Eastern Daylight Time

Name: I46766
ID: WG1545566-4
Date: 15-Sep-2021
Time: 05:42:20
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFHxS



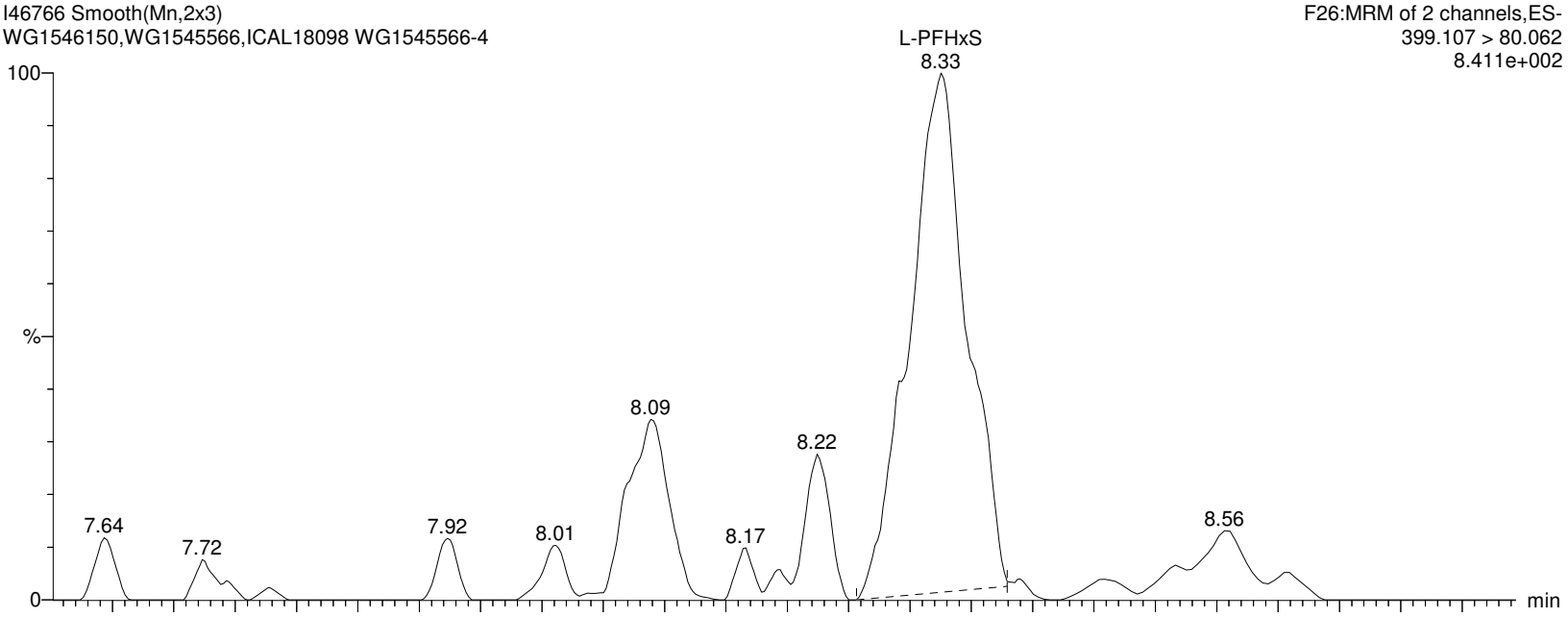


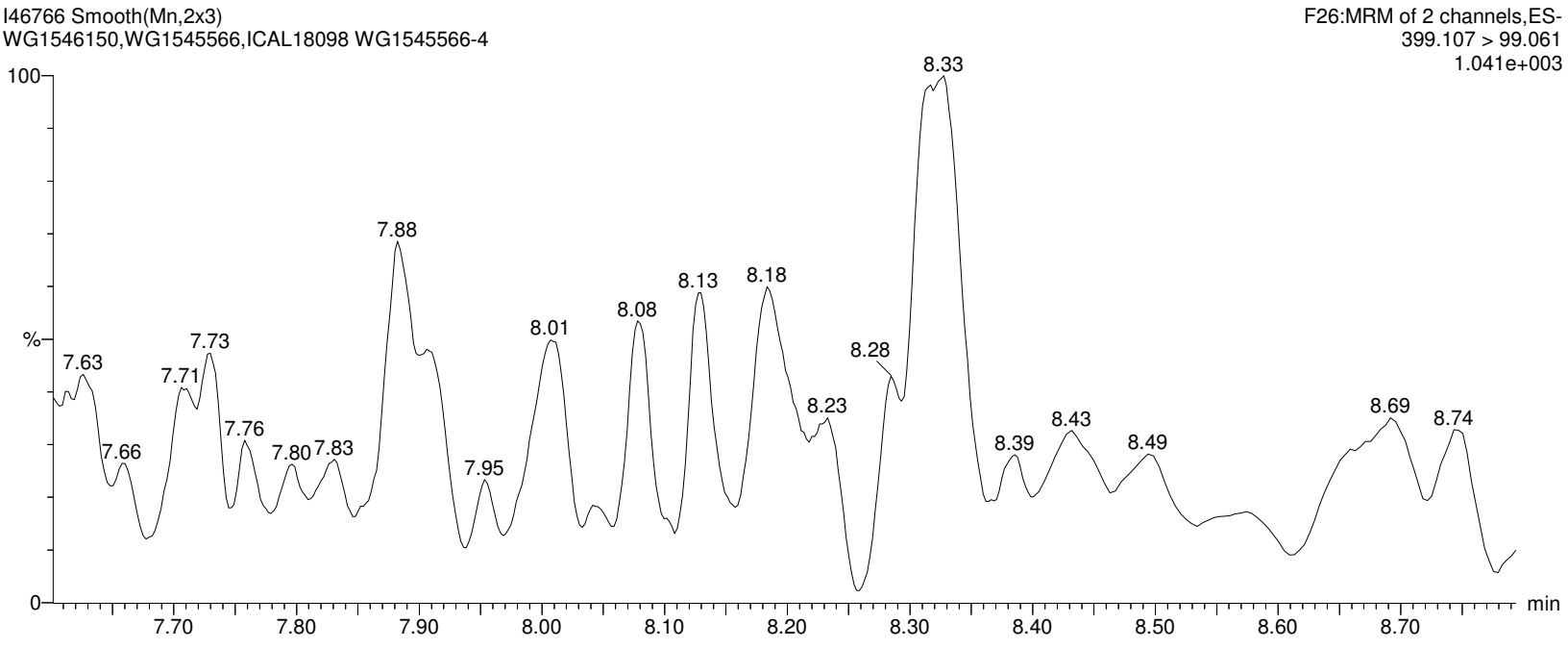
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:00 Eastern Daylight Time

Name: I46766
ID: WG1545566-4
Date: 15-Sep-2021
Time: 05:42:20
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFHxS



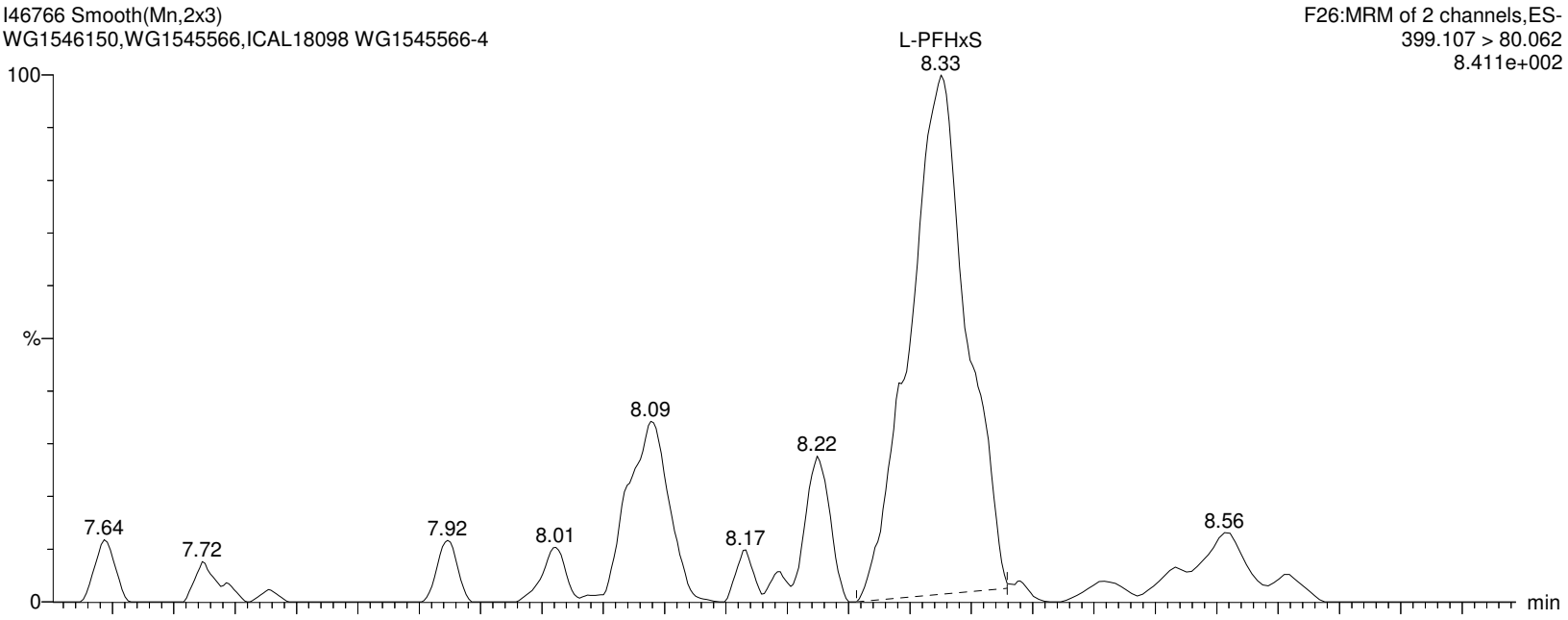


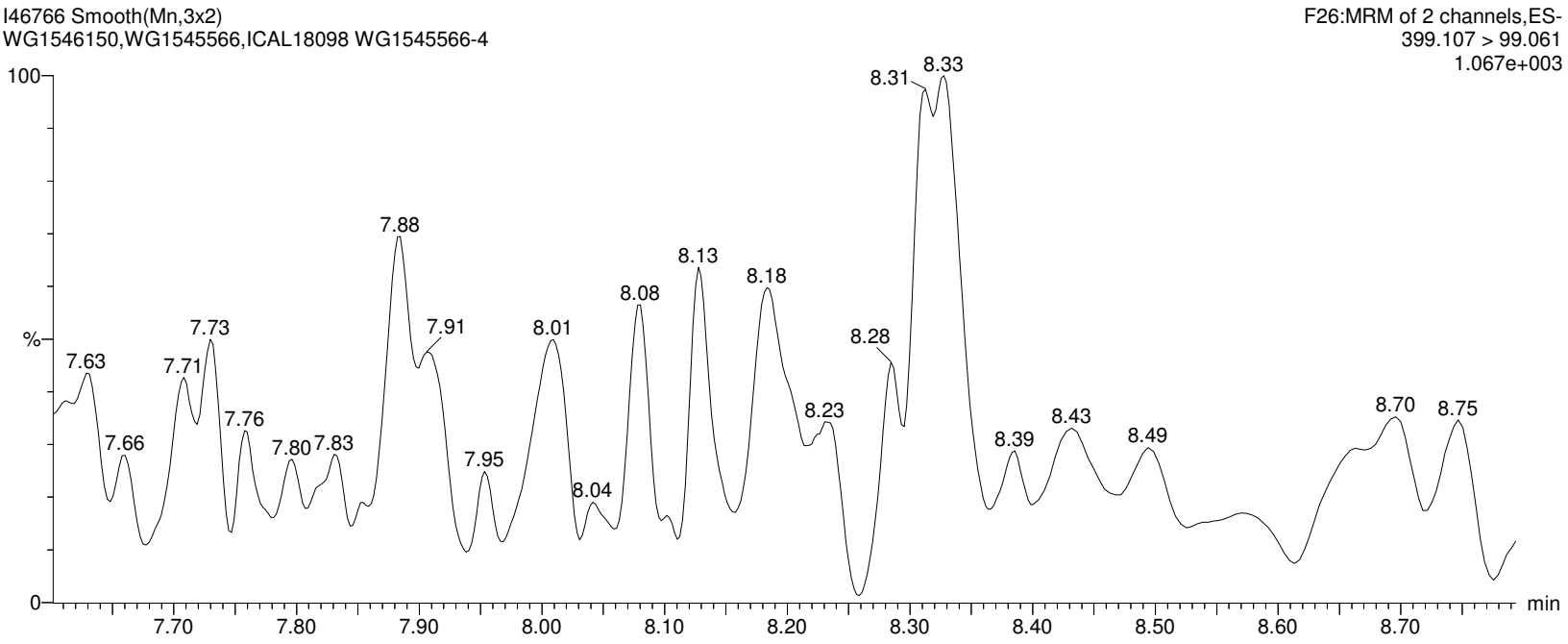
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:00 Eastern Daylight Time

Name: I46766
ID: WG1545566-4
Date: 15-Sep-2021
Time: 05:42:20
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxS



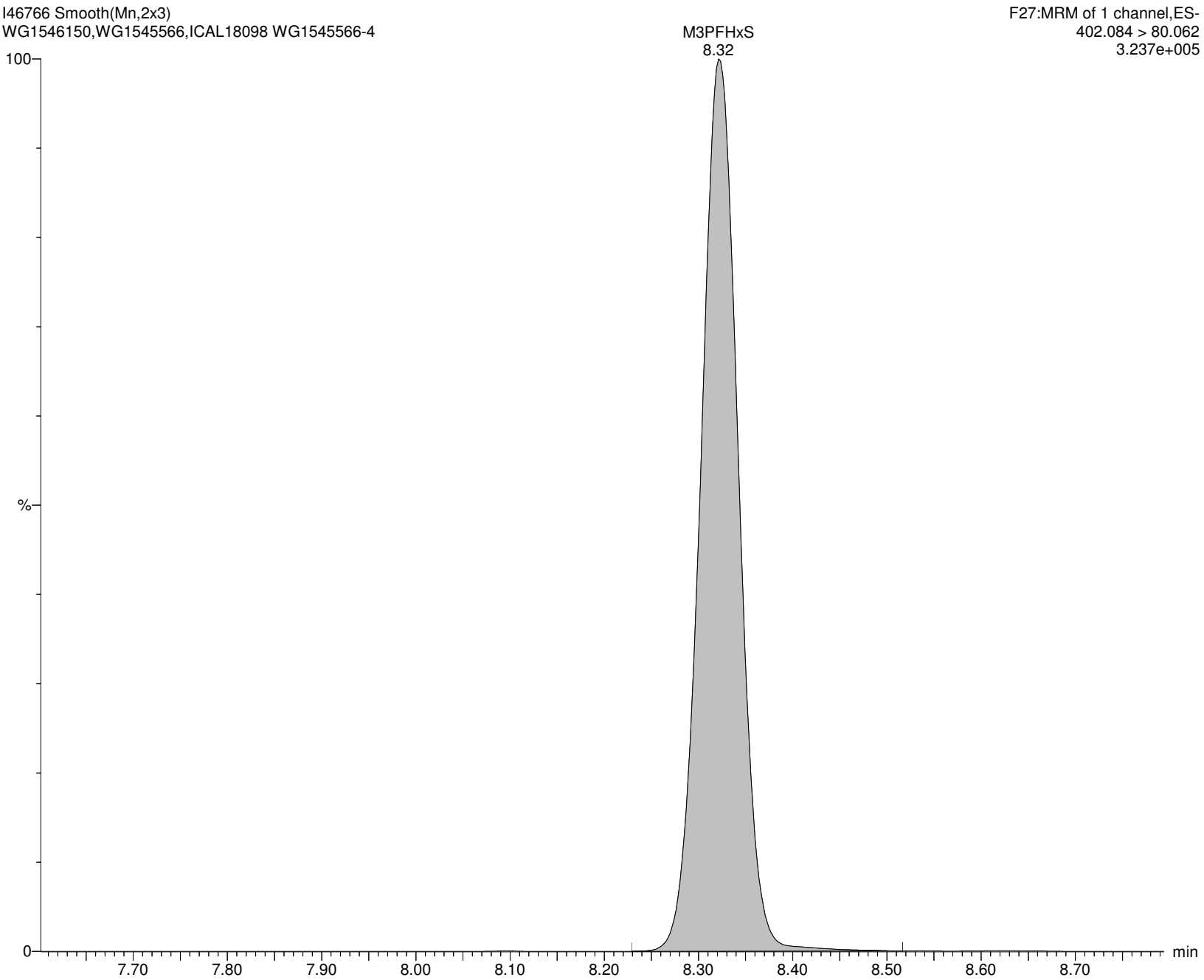


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:00 Eastern Daylight Time

Name: I46766
ID: WG1545566-4
Date: 15-Sep-2021
Time: 05:42:20
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFHxS

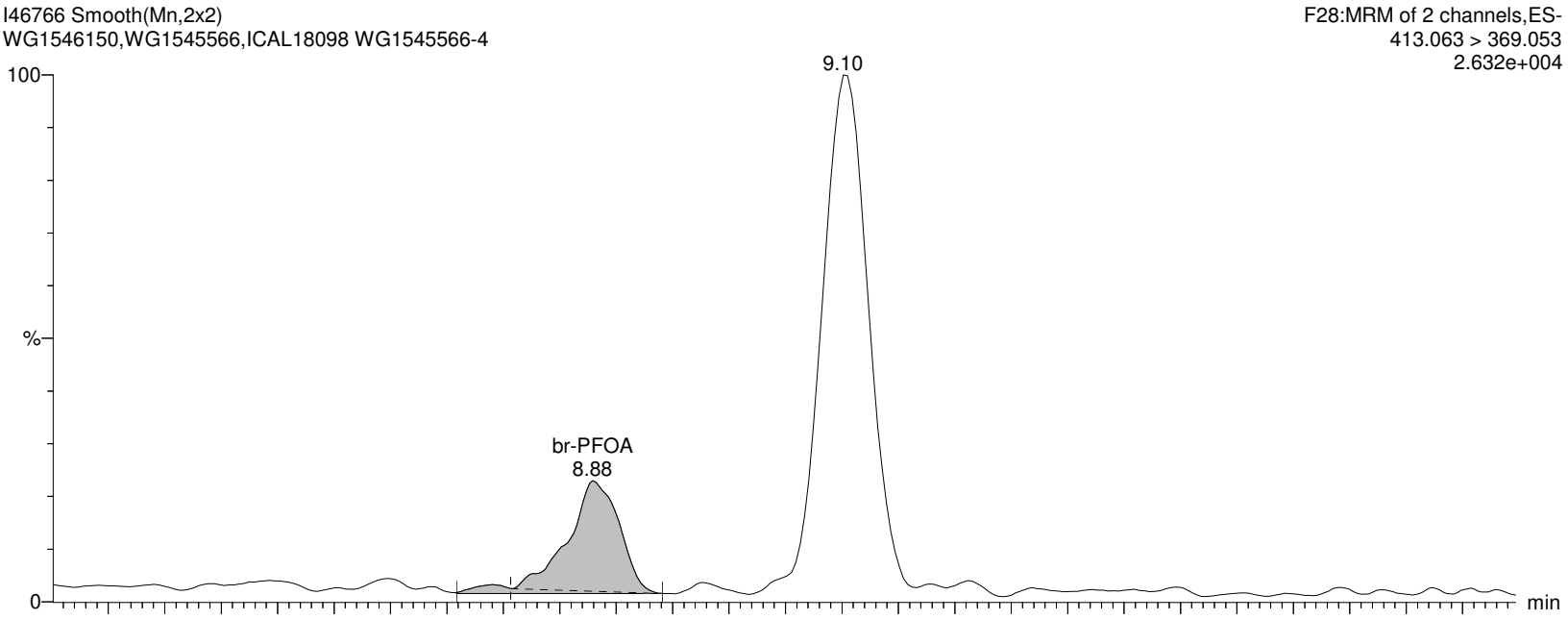


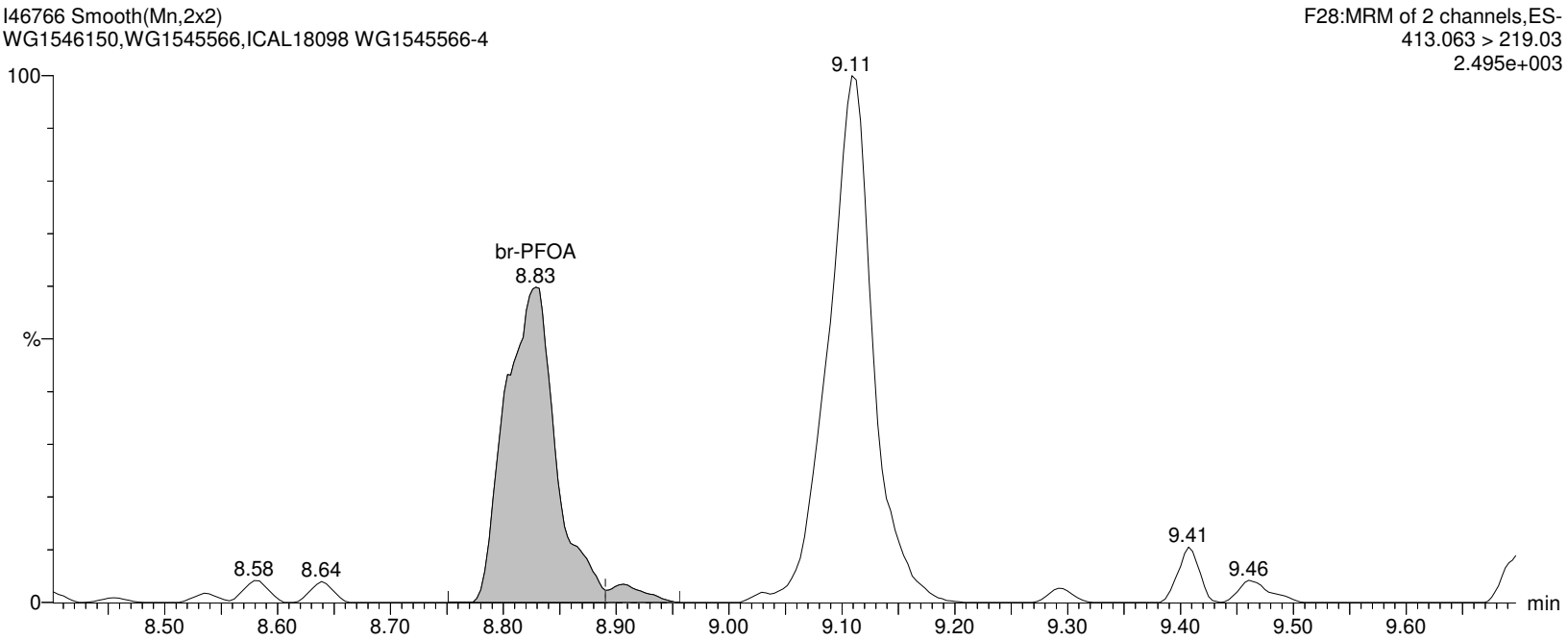
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:00 Eastern Daylight Time

Name: I46766
ID: WG1545566-4
Date: 15-Sep-2021
Time: 05:42:20
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOA



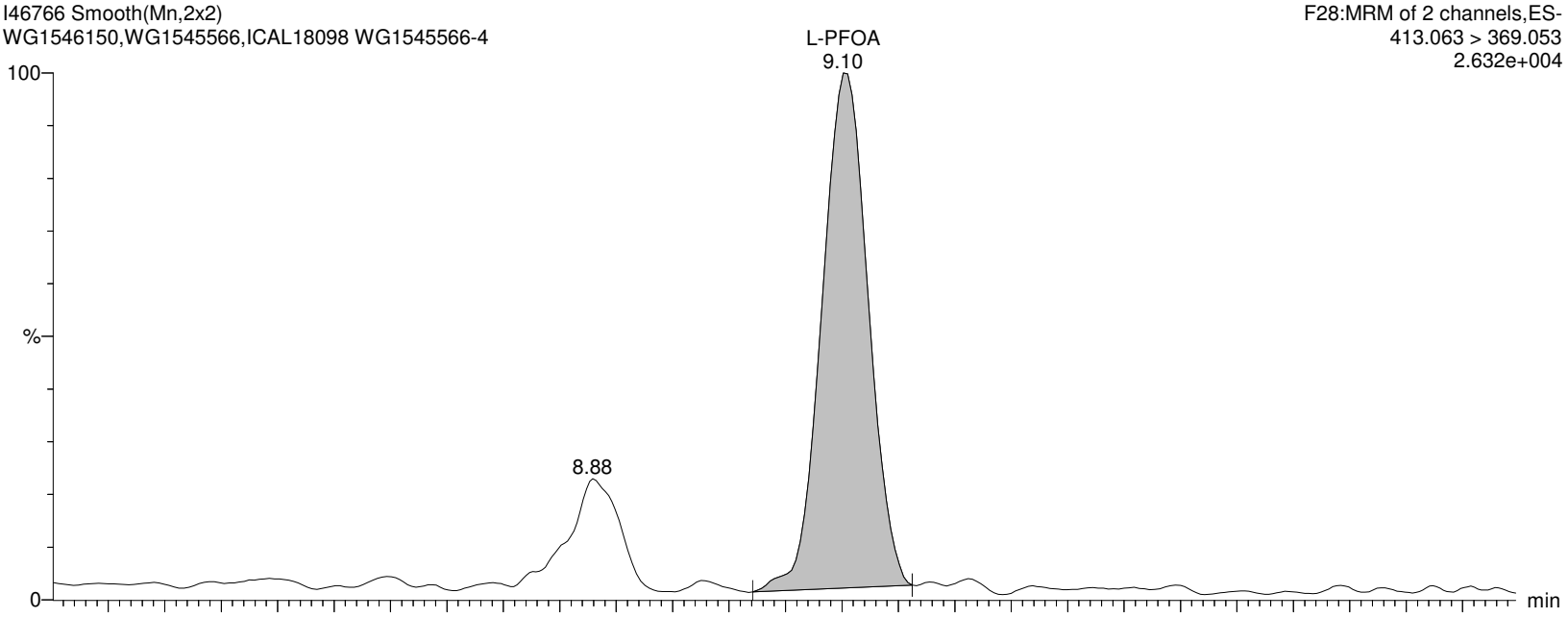


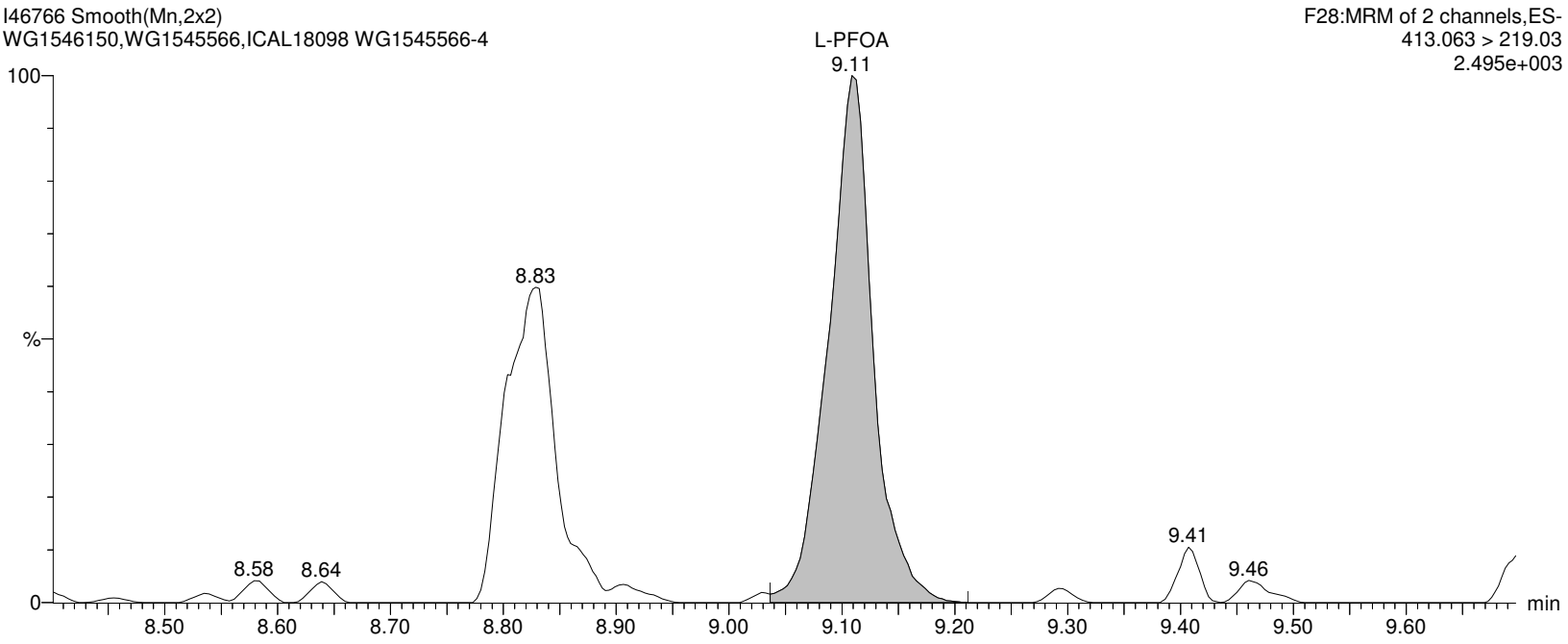
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:00 Eastern Daylight Time

Name: I46766
ID: WG1545566-4
Date: 15-Sep-2021
Time: 05:42:20
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOA



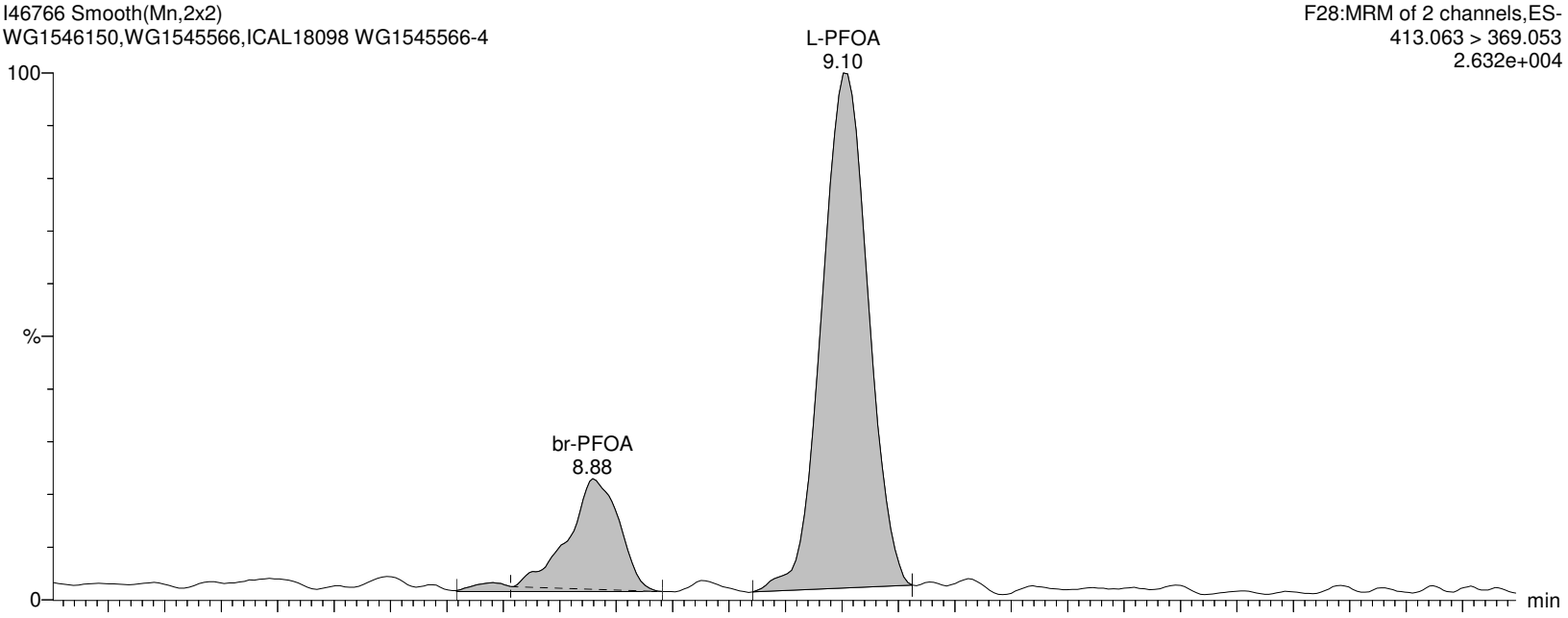


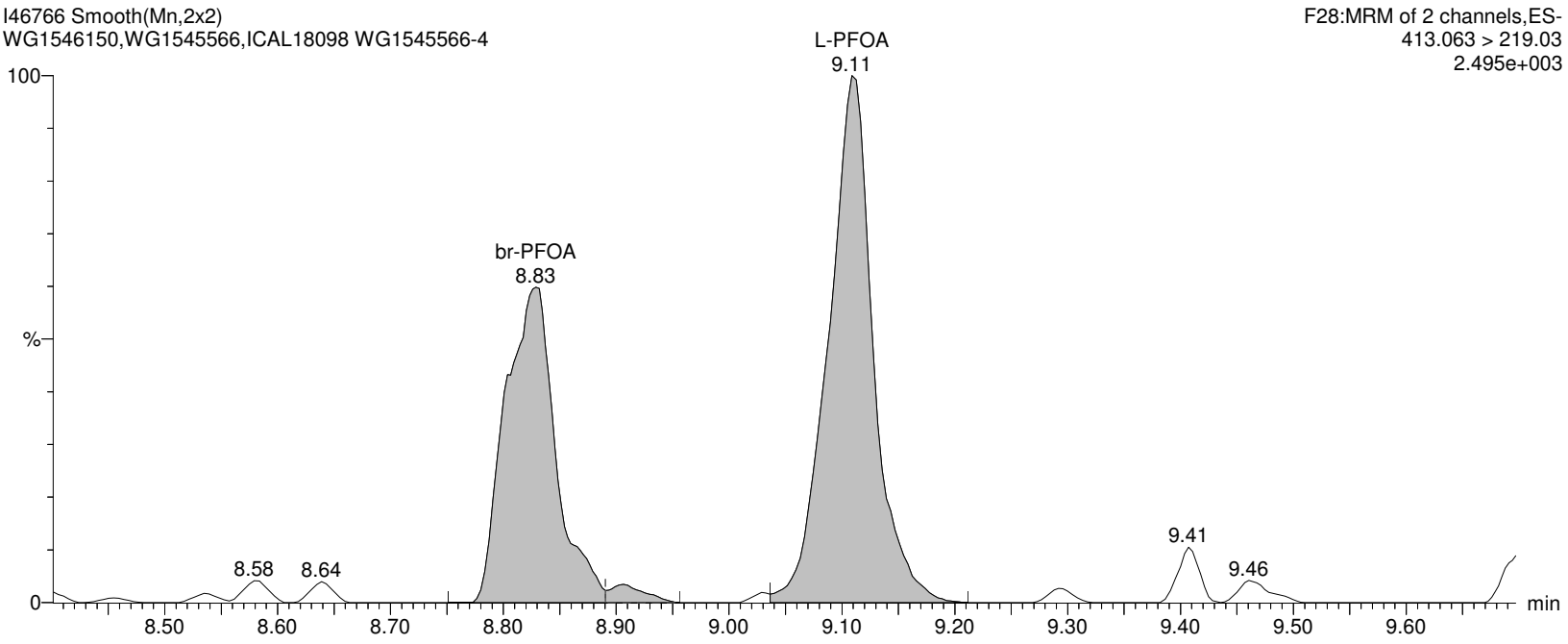
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:00 Eastern Daylight Time

Name: I46766
ID: WG1545566-4
Date: 15-Sep-2021
Time: 05:42:20
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOA



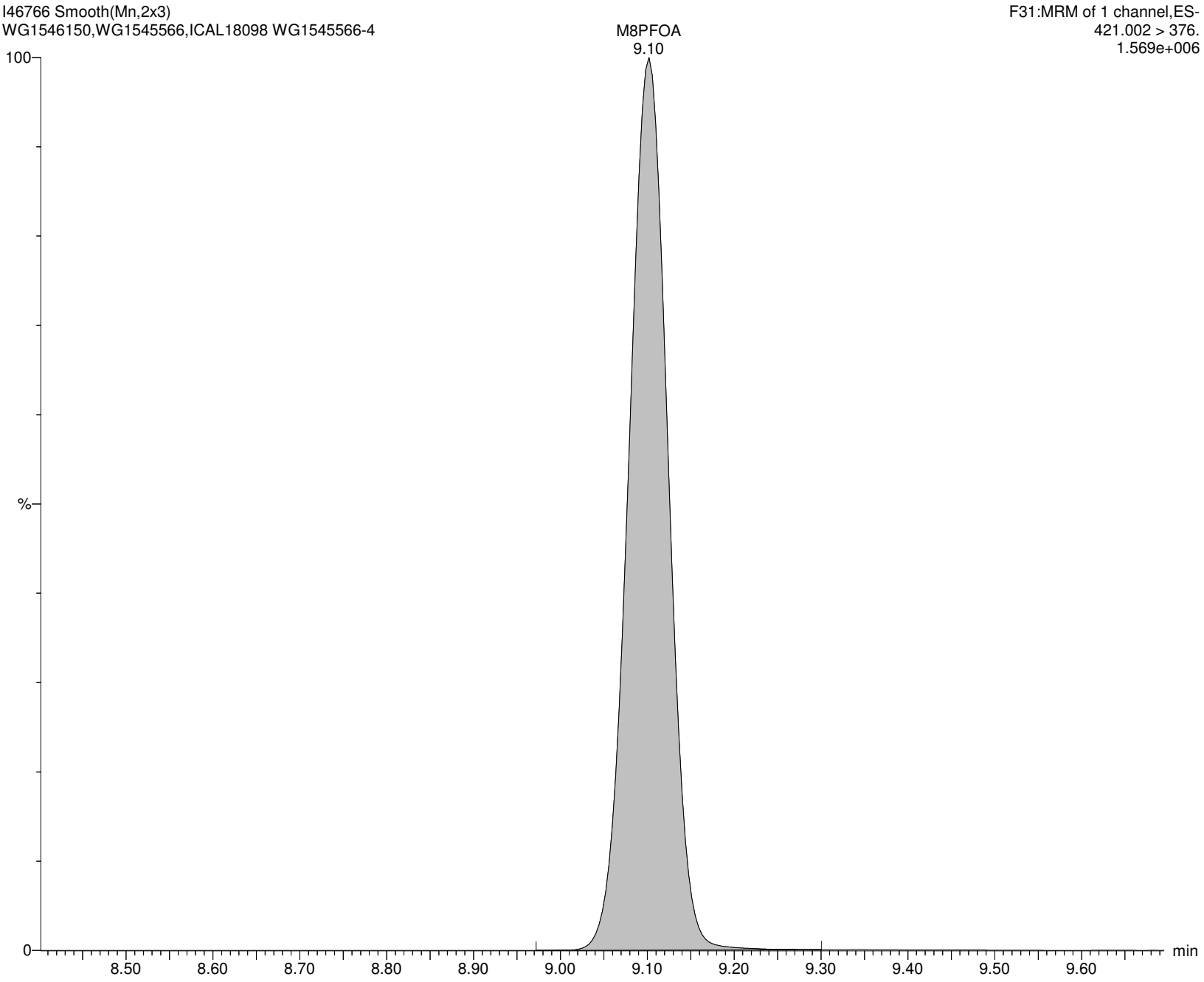


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:00 Eastern Daylight Time

Name: I46766
ID: WG1545566-4
Date: 15-Sep-2021
Time: 05:42:20
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOA

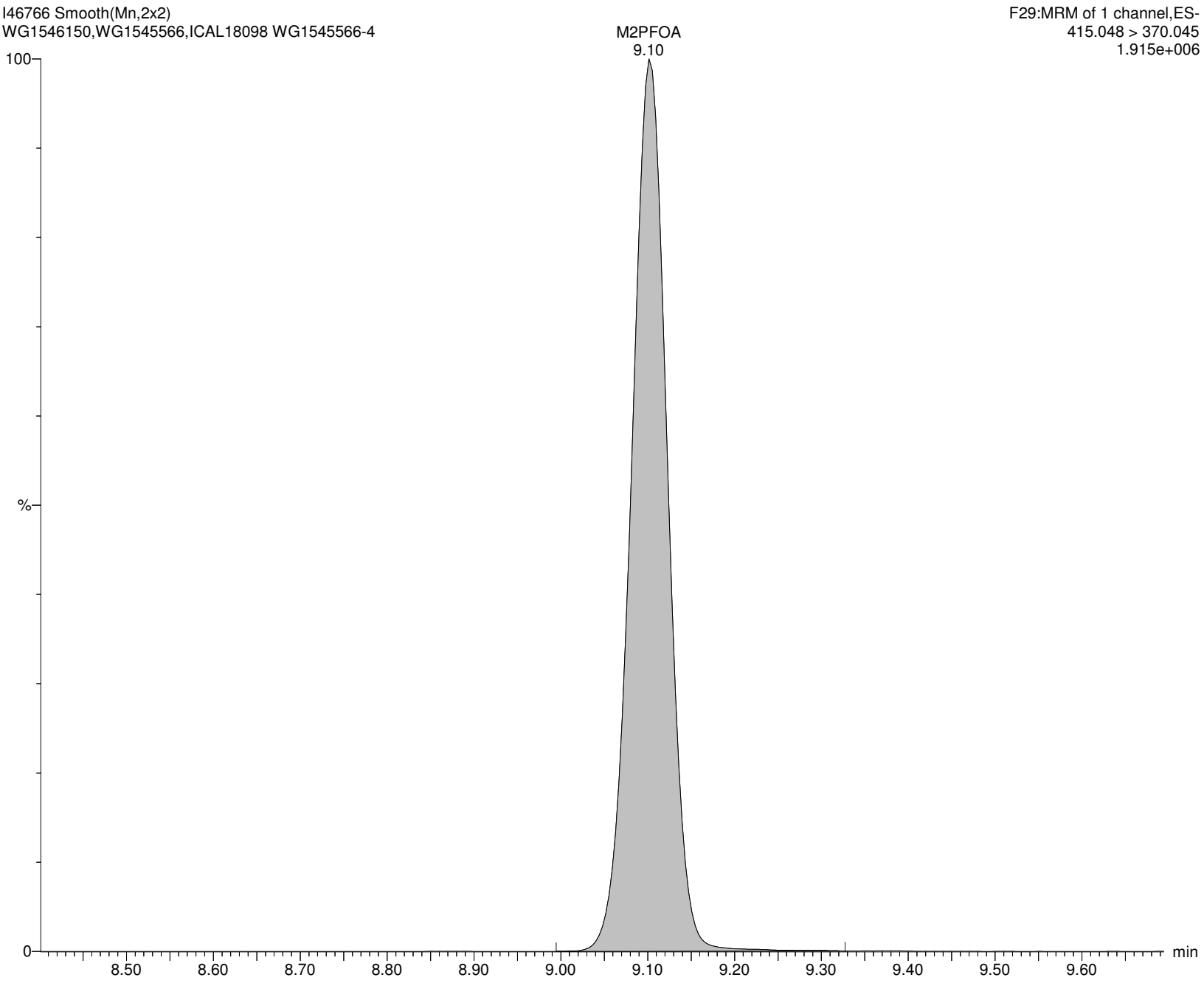


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:00 Eastern Daylight Time

Name: I46766
ID: WG1545566-4
Date: 15-Sep-2021
Time: 05:42:20
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFOA

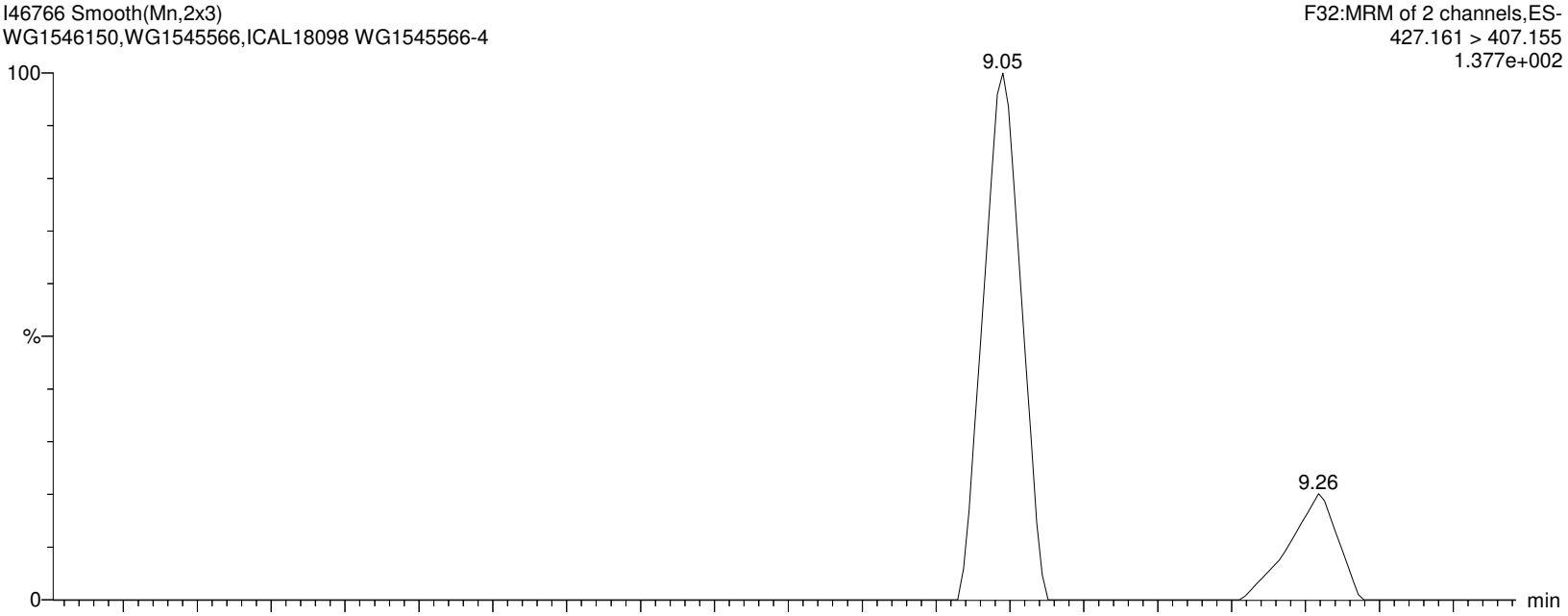


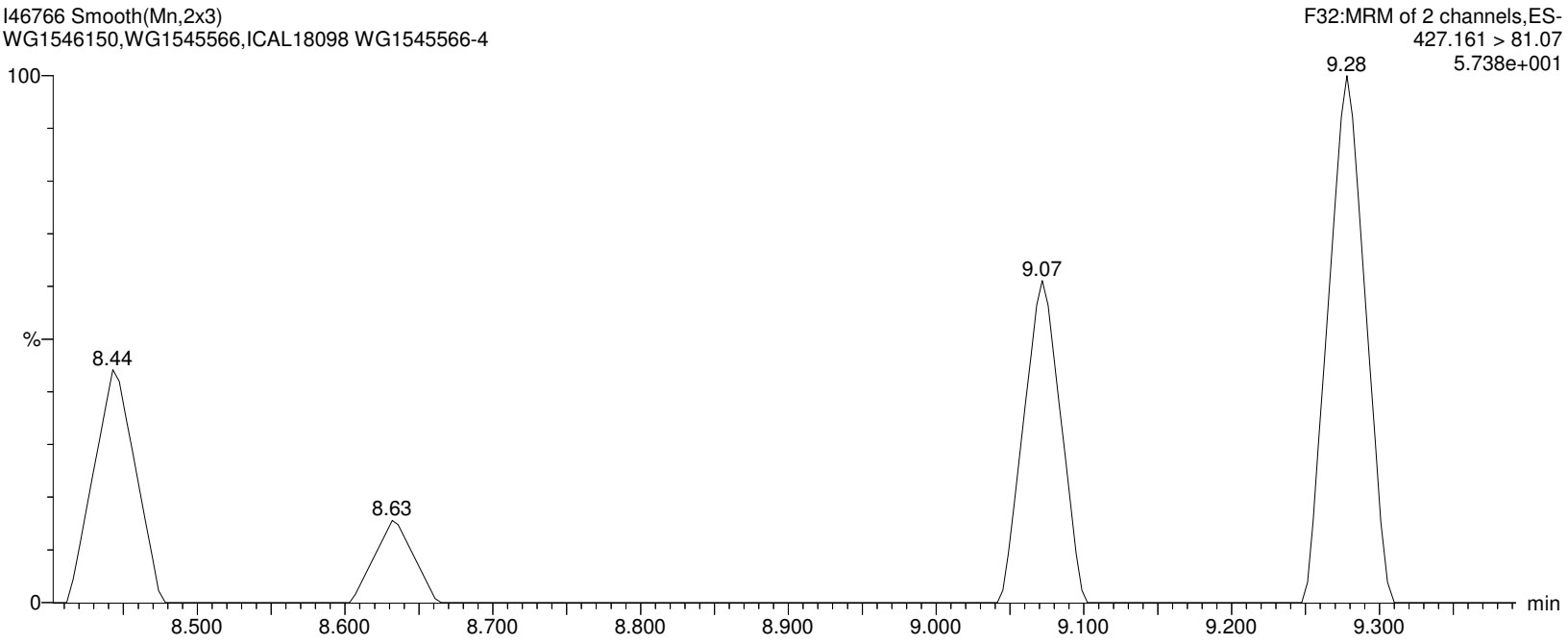
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:00 Eastern Daylight Time

Name: I46766
ID: WG1545566-4
Date: 15-Sep-2021
Time: 05:42:20
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

6:2FTS



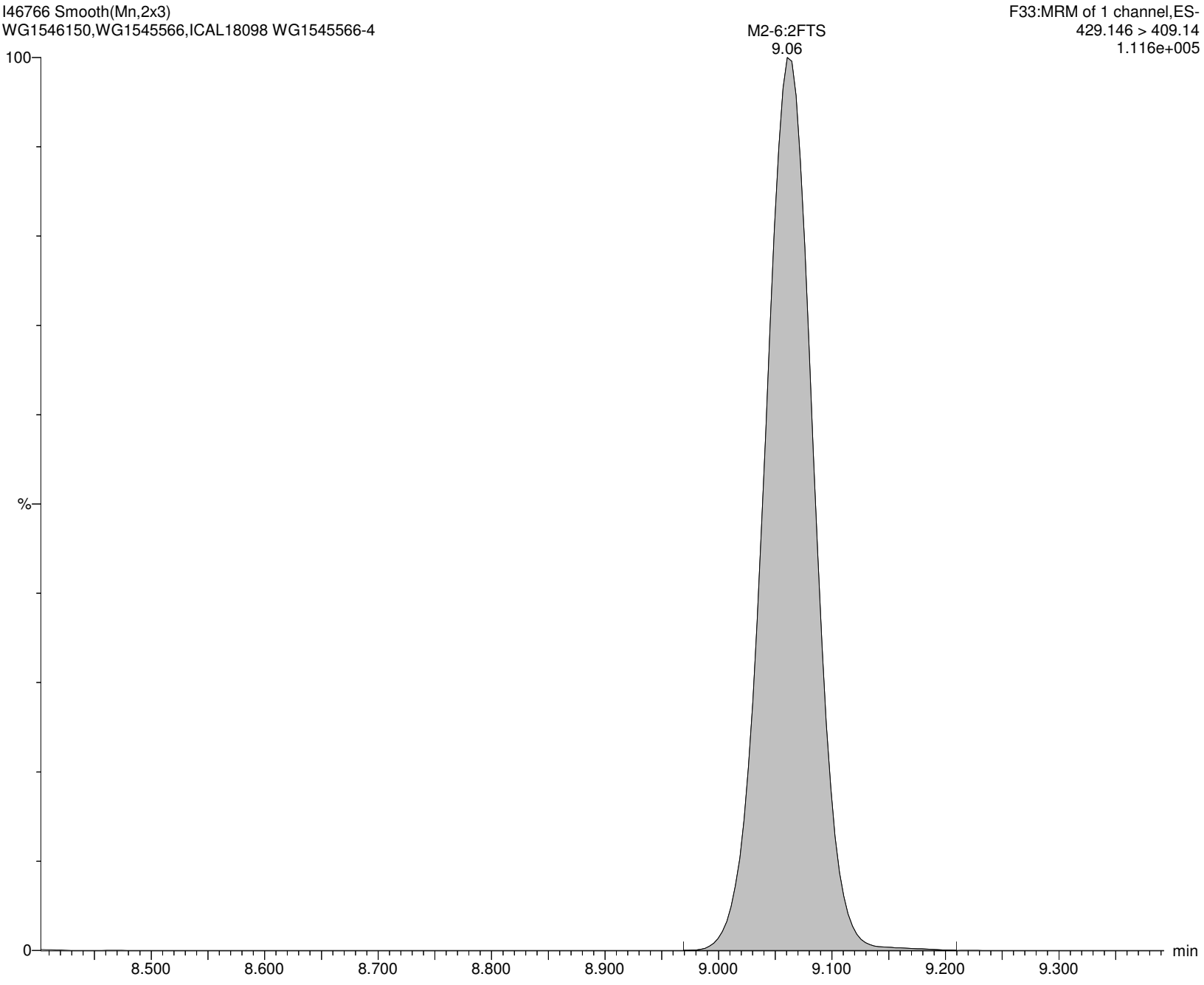


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:00 Eastern Daylight Time

Name: I46766
ID: WG1545566-4
Date: 15-Sep-2021
Time: 05:42:20
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-6:2FTS

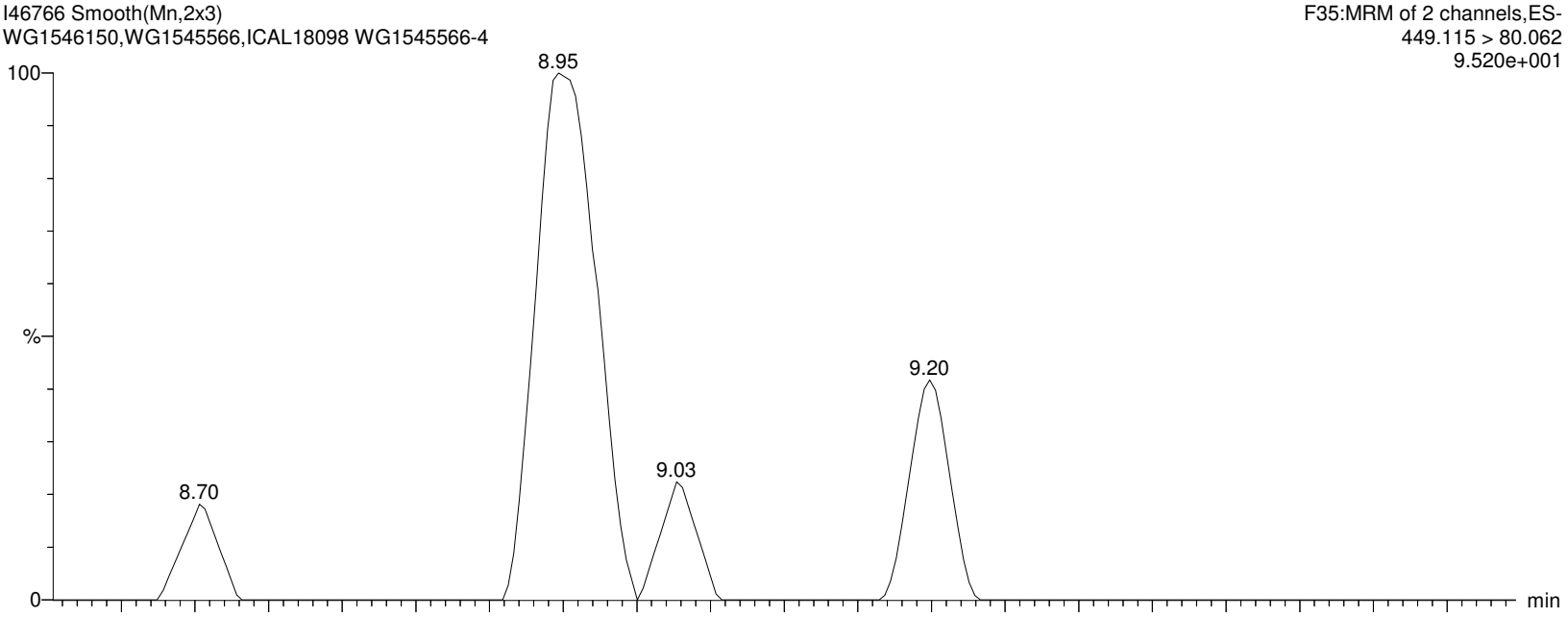


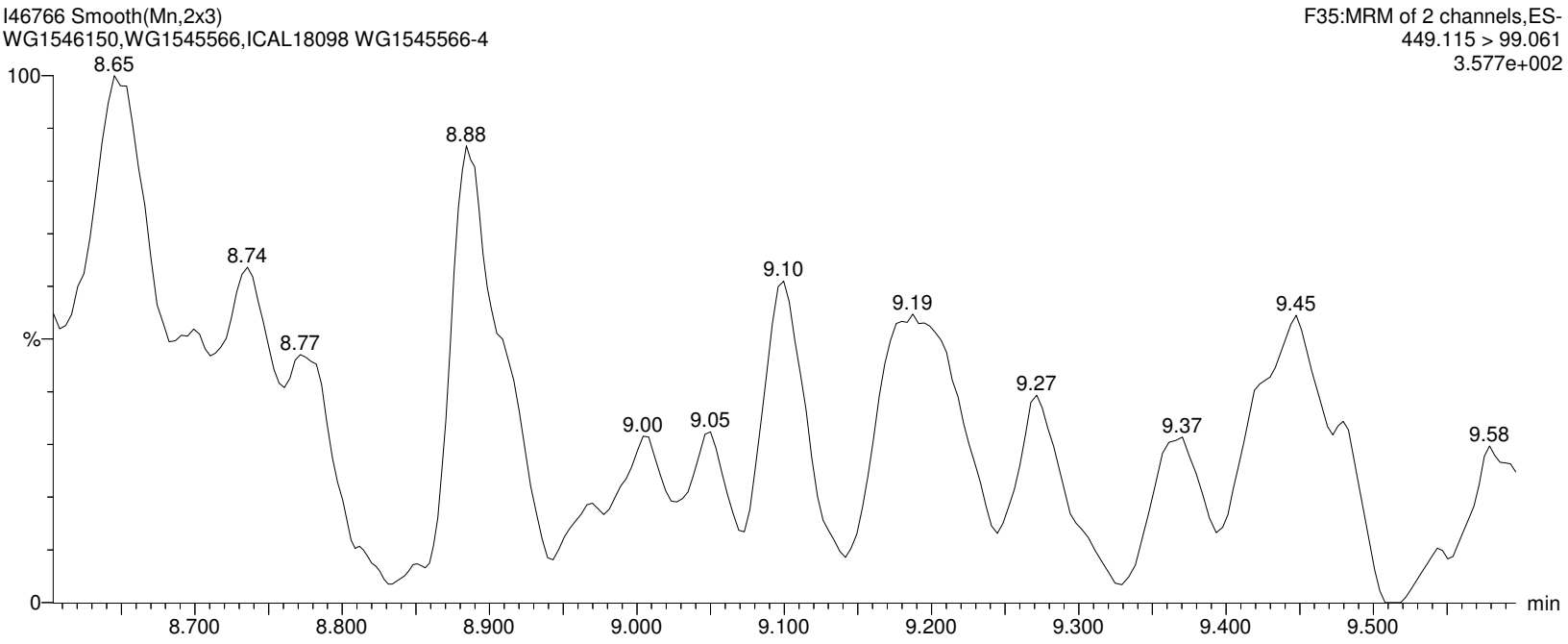
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:00 Eastern Daylight Time

Name: I46766
ID: WG1545566-4
Date: 15-Sep-2021
Time: 05:42:20
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpS



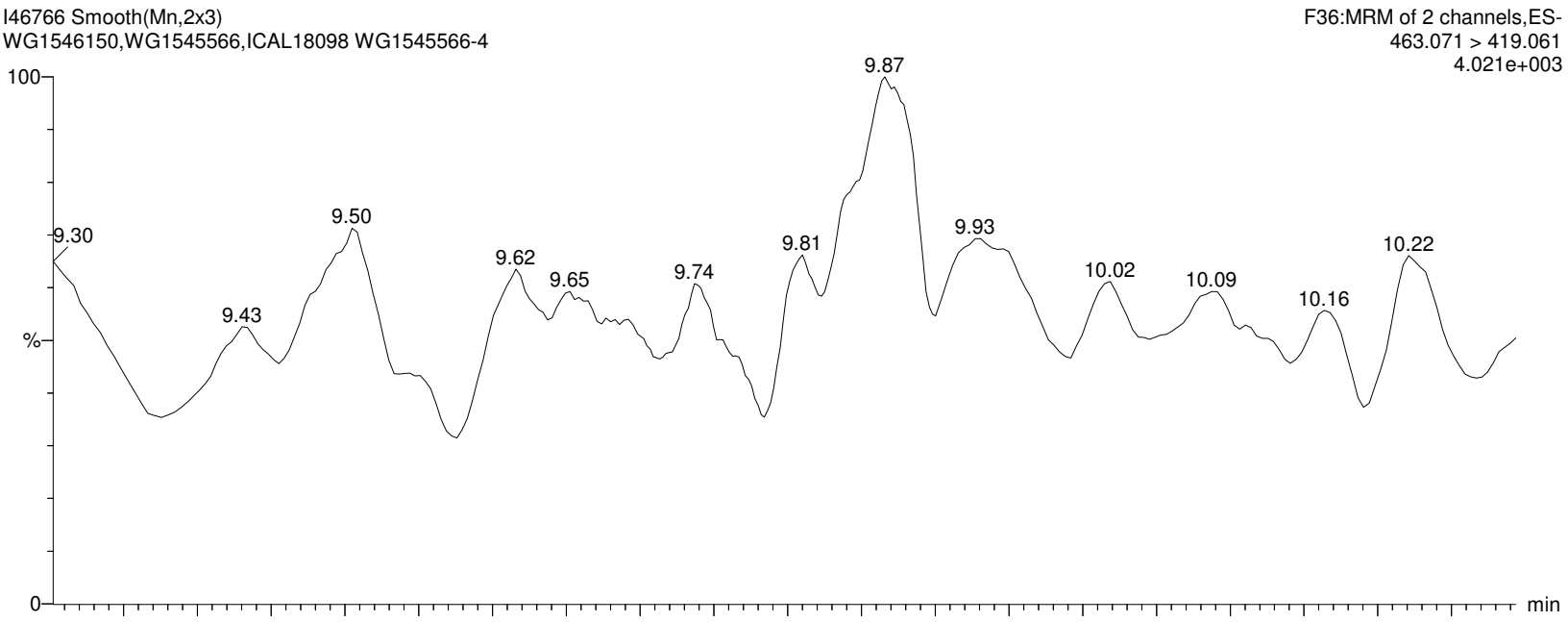


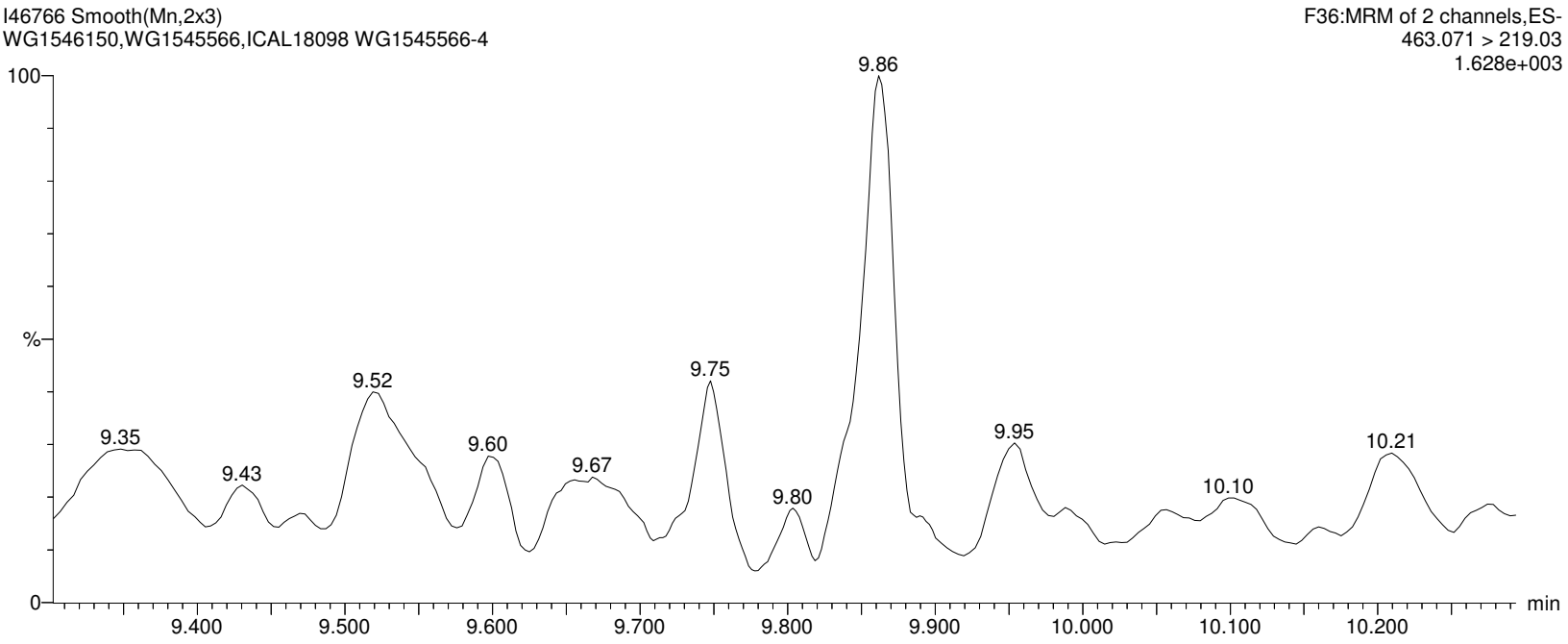
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:00 Eastern Daylight Time

Name: I46766
ID: WG1545566-4
Date: 15-Sep-2021
Time: 05:42:20
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNA



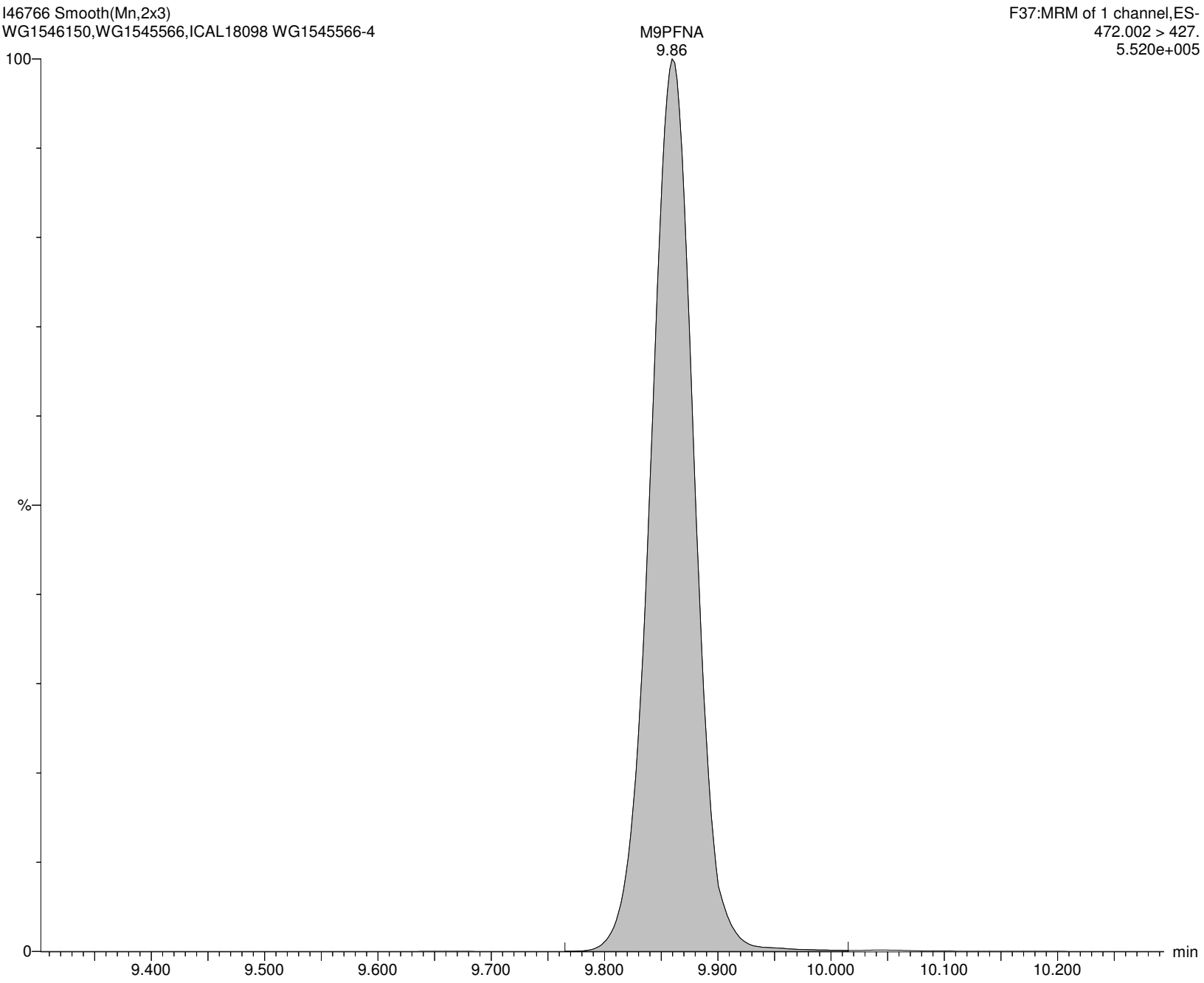


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:00 Eastern Daylight Time

Name: I46766
ID: WG1545566-4
Date: 15-Sep-2021
Time: 05:42:20
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M9PFNA

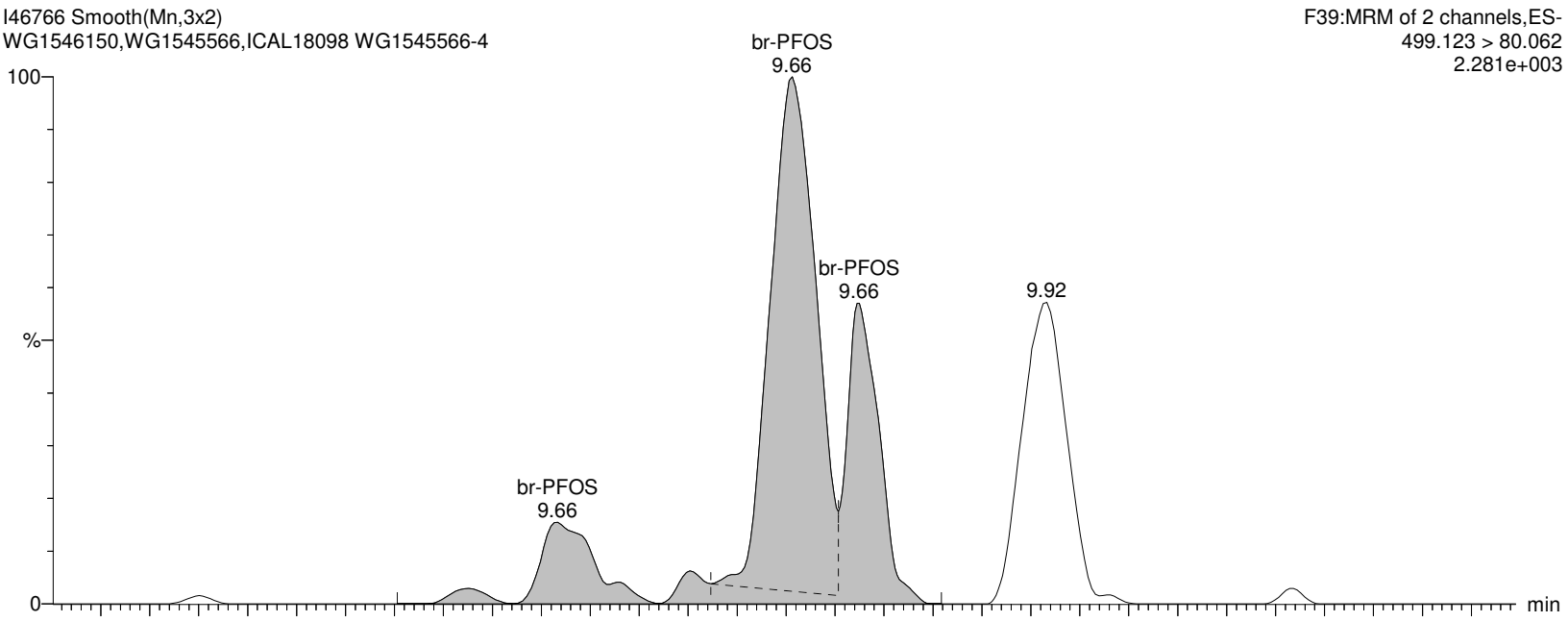


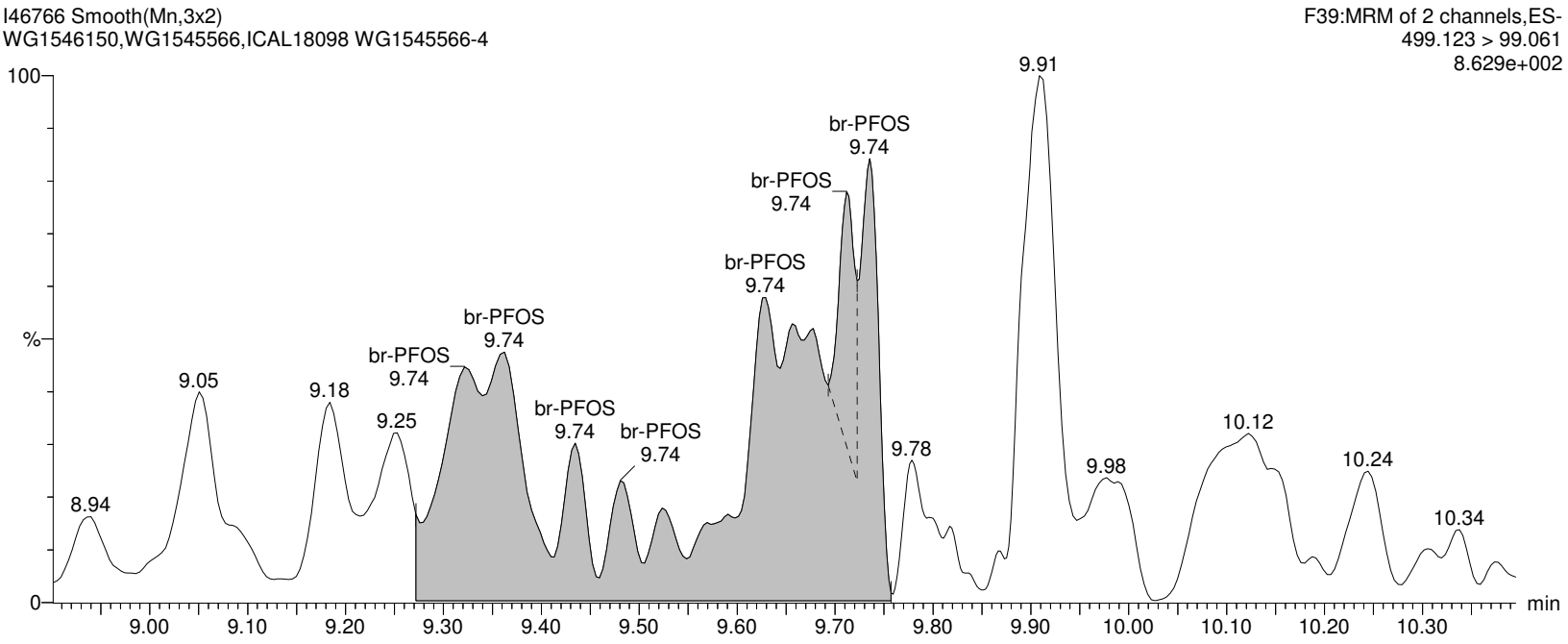
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:00 Eastern Daylight Time

Name: I46766
ID: WG1545566-4
Date: 15-Sep-2021
Time: 05:42:20
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOS



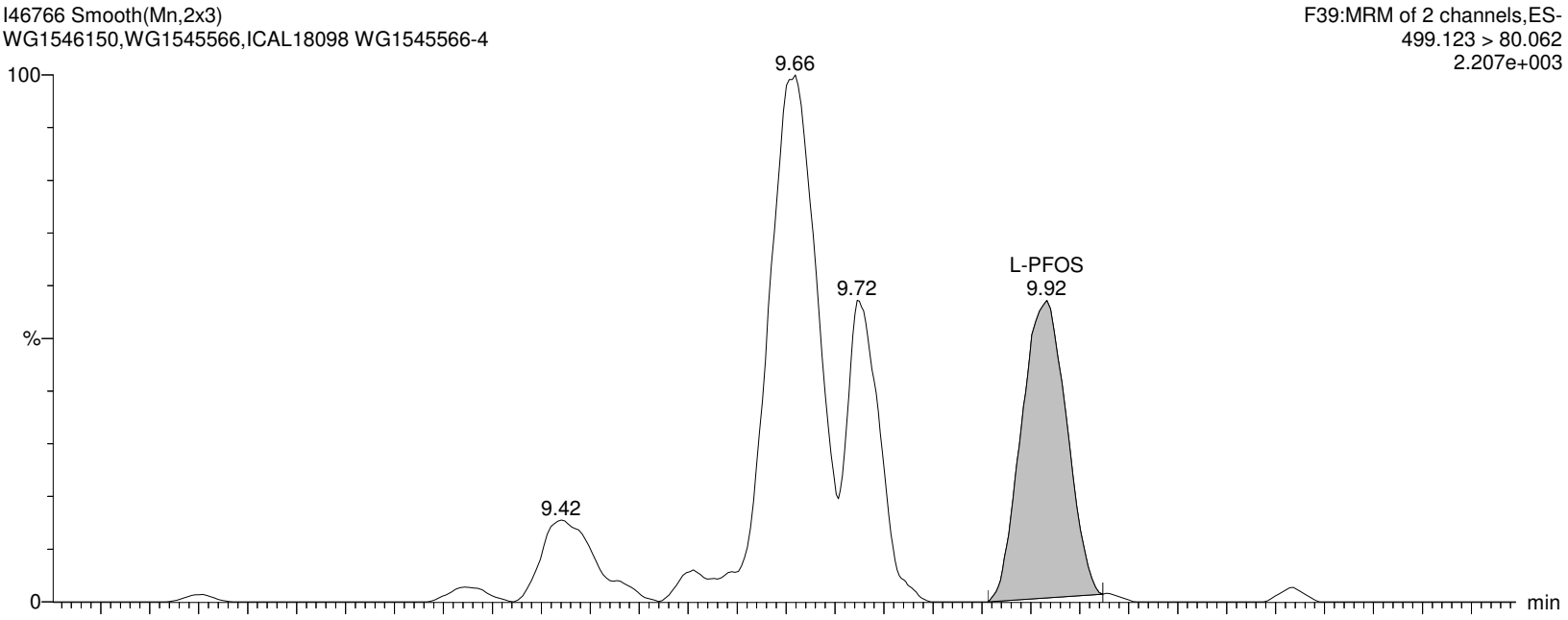


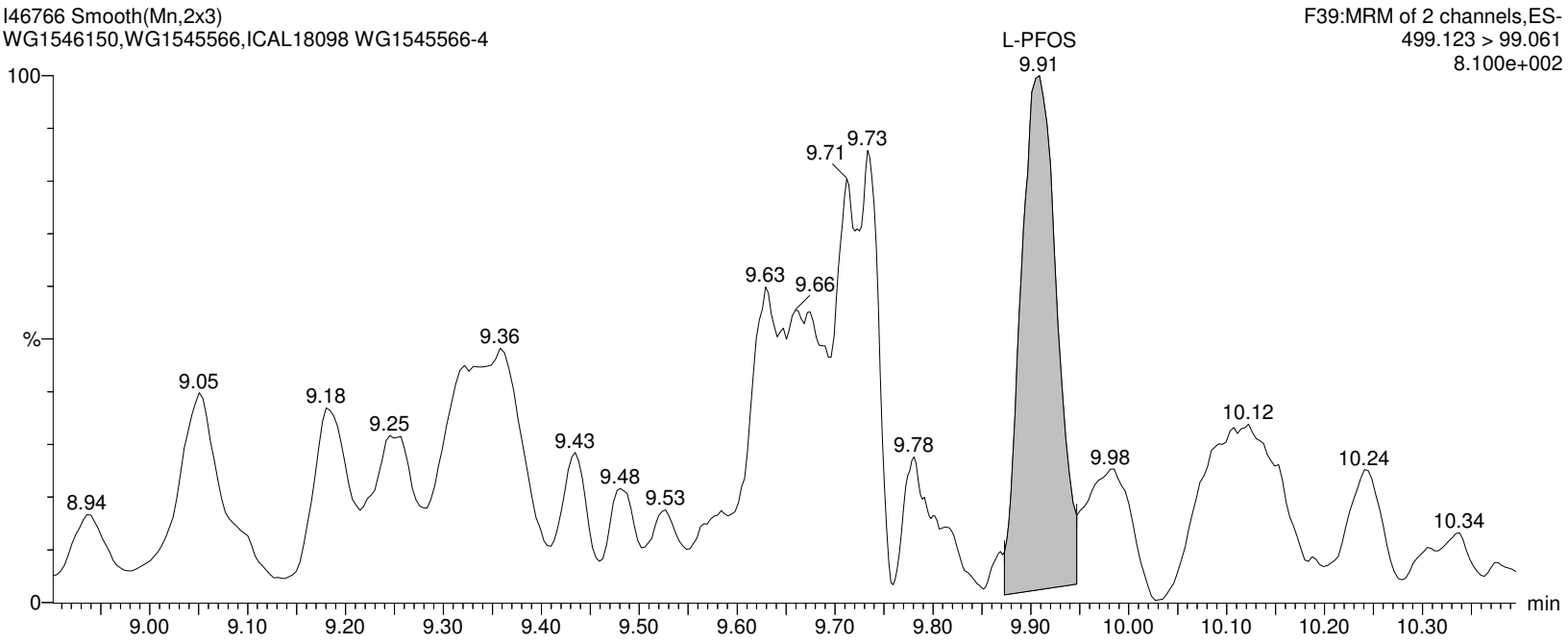
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:00 Eastern Daylight Time

Name: I46766
ID: WG1545566-4
Date: 15-Sep-2021
Time: 05:42:20
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOS



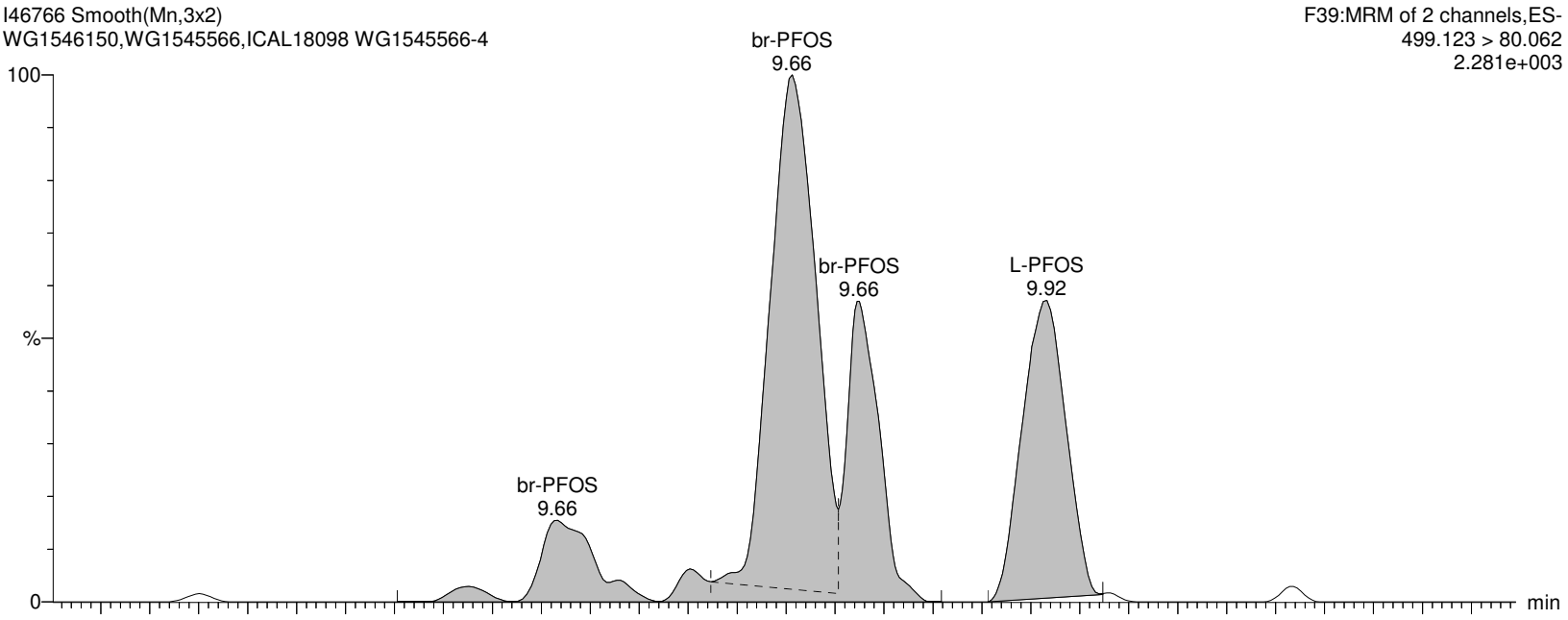


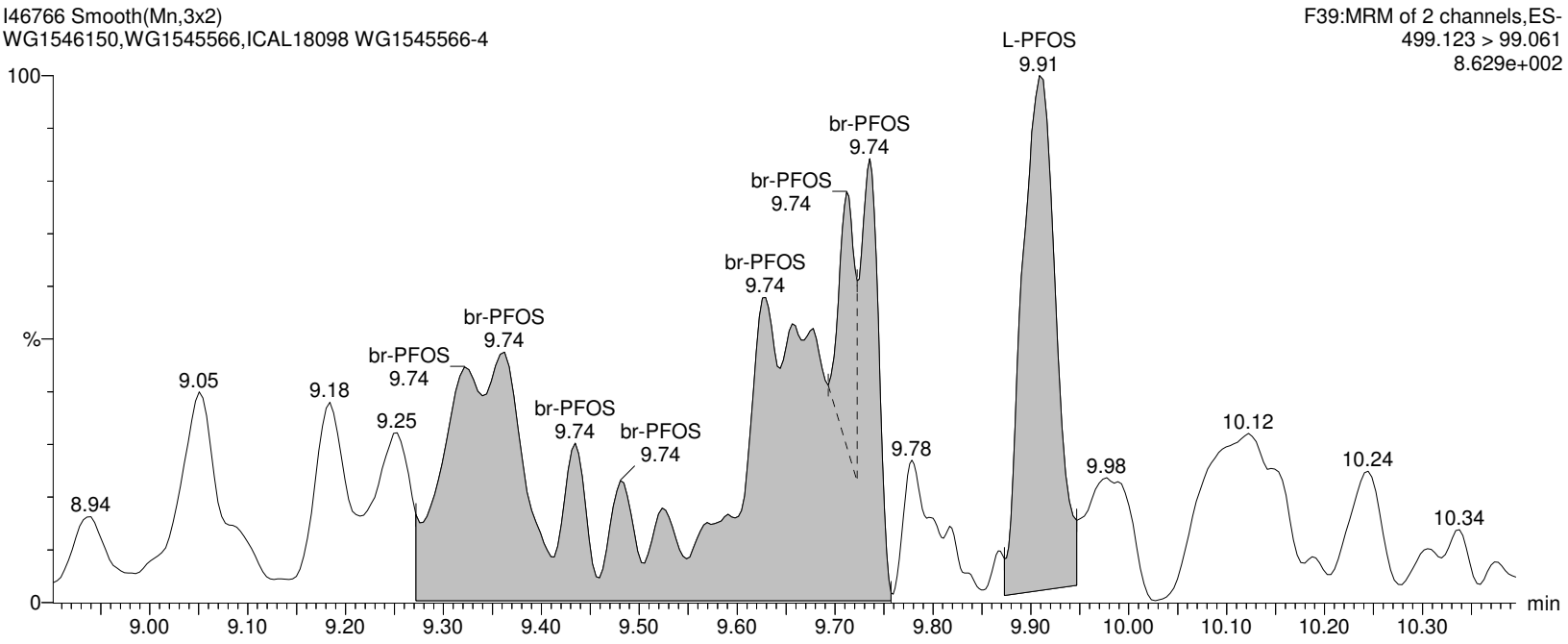
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:00 Eastern Daylight Time

Name: I46766
ID: WG1545566-4
Date: 15-Sep-2021
Time: 05:42:20
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOS



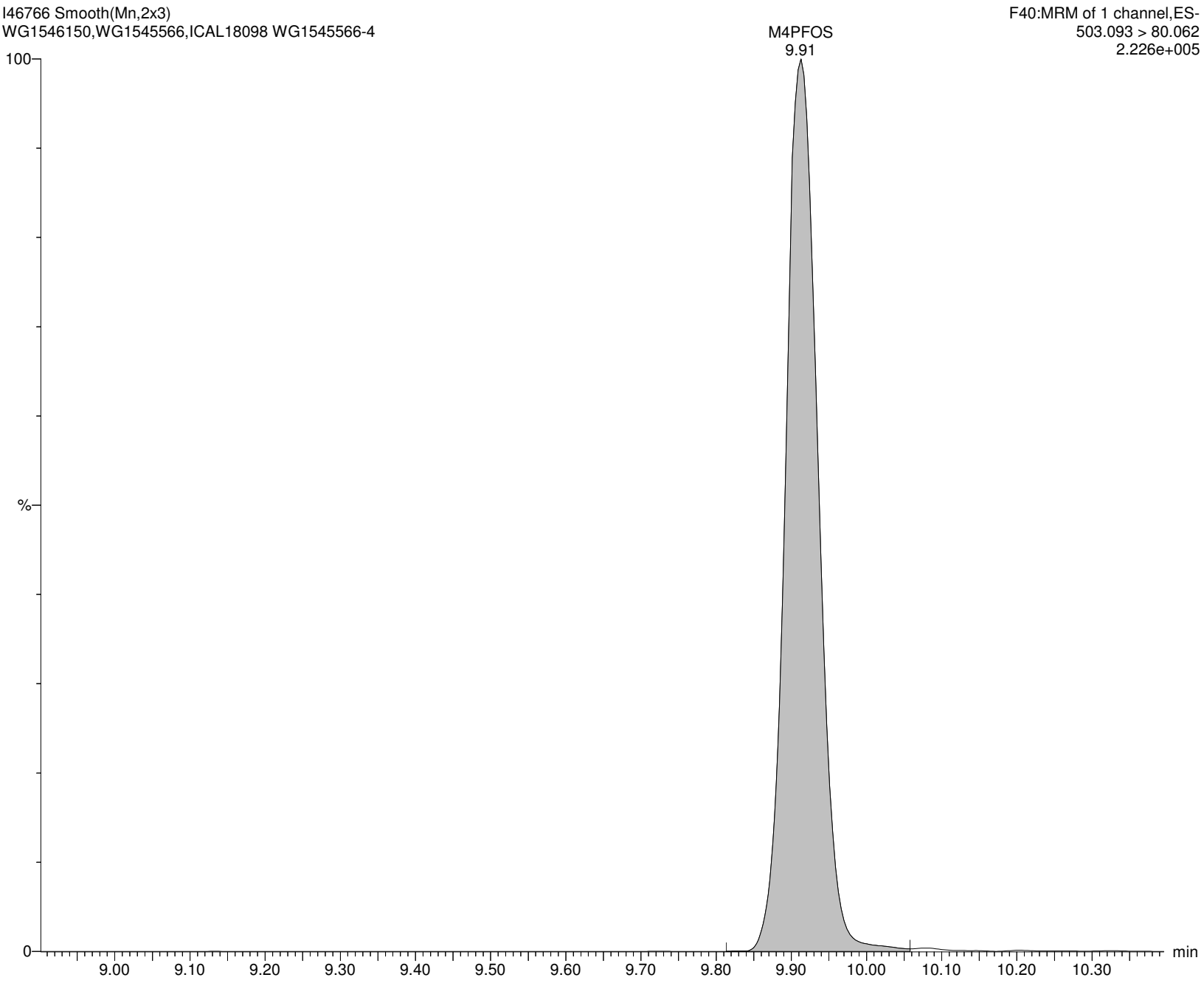


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:00 Eastern Daylight Time

Name: I46766
ID: WG1545566-4
Date: 15-Sep-2021
Time: 05:42:20
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOS

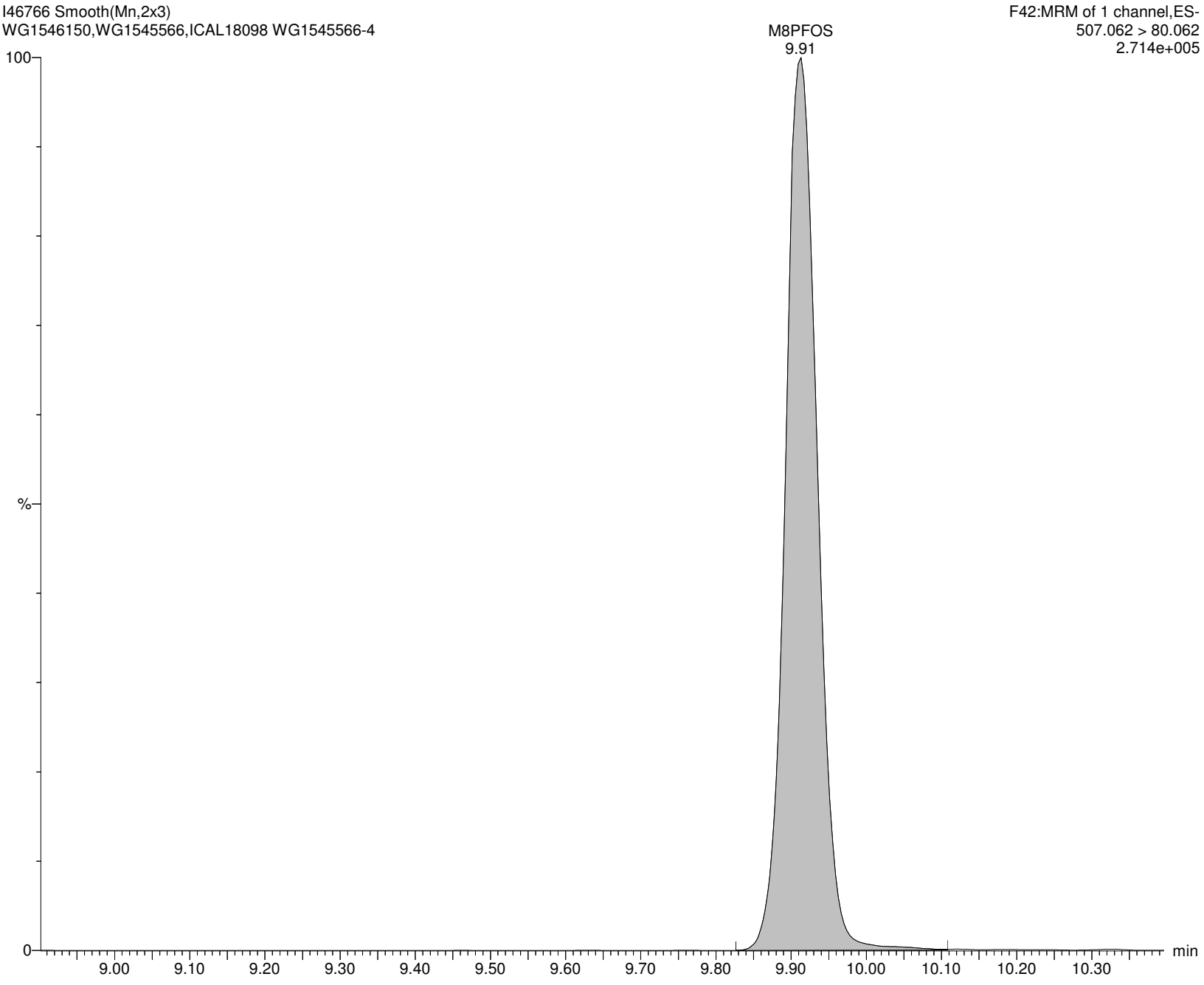


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:00 Eastern Daylight Time

Name: I46766
ID: WG1545566-4
Date: 15-Sep-2021
Time: 05:42:20
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOS

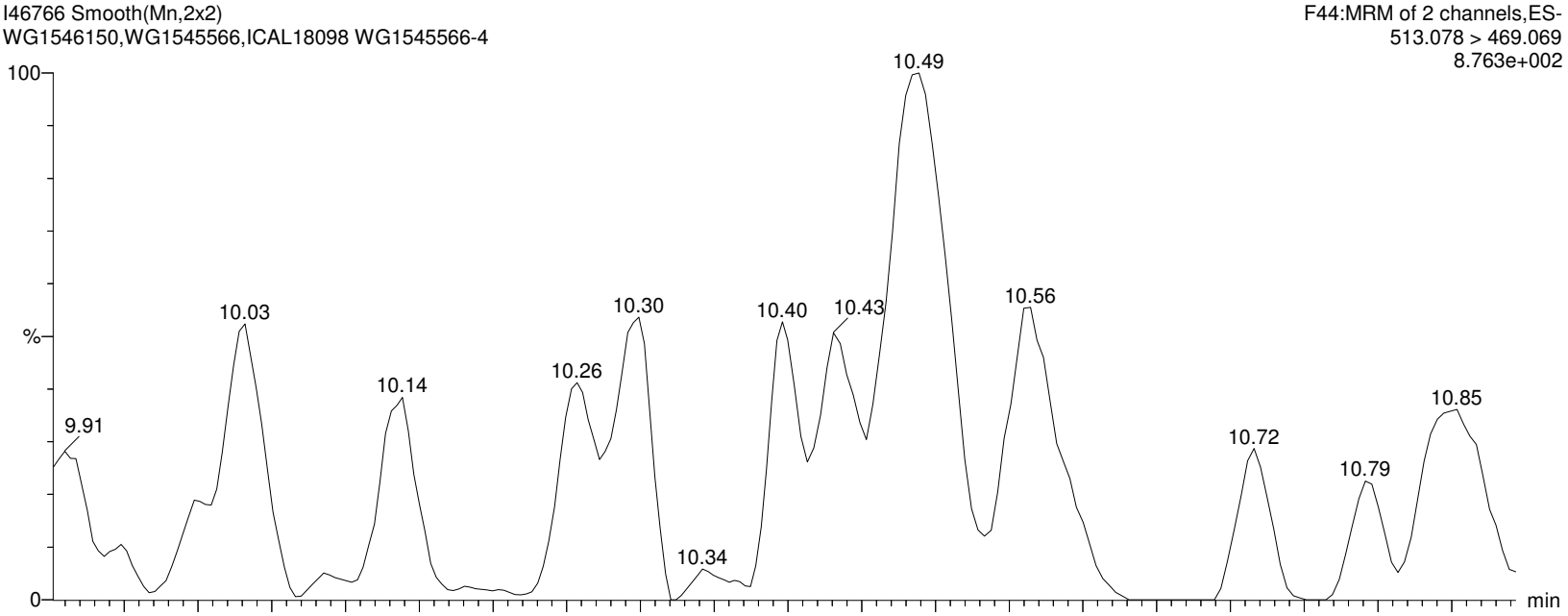


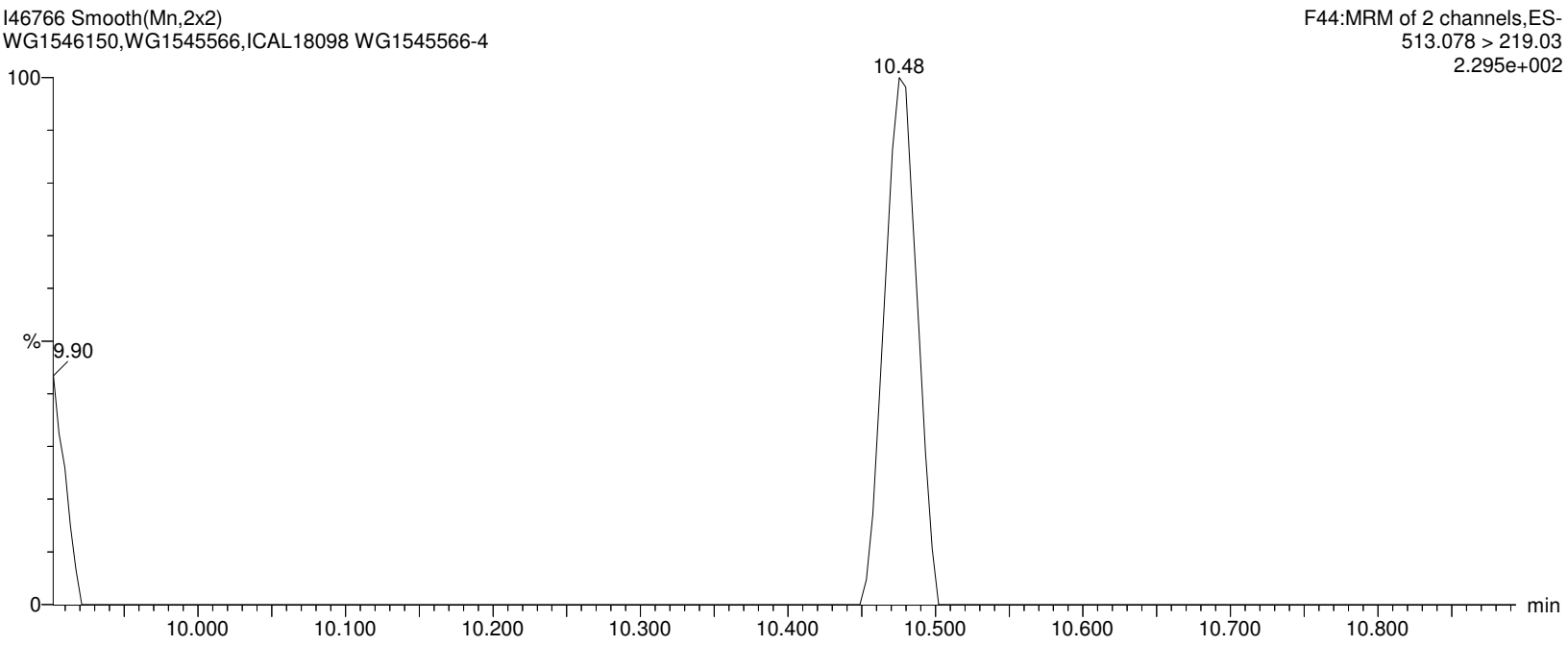
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:00 Eastern Daylight Time

Name: I46766
ID: WG1545566-4
Date: 15-Sep-2021
Time: 05:42:20
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDA



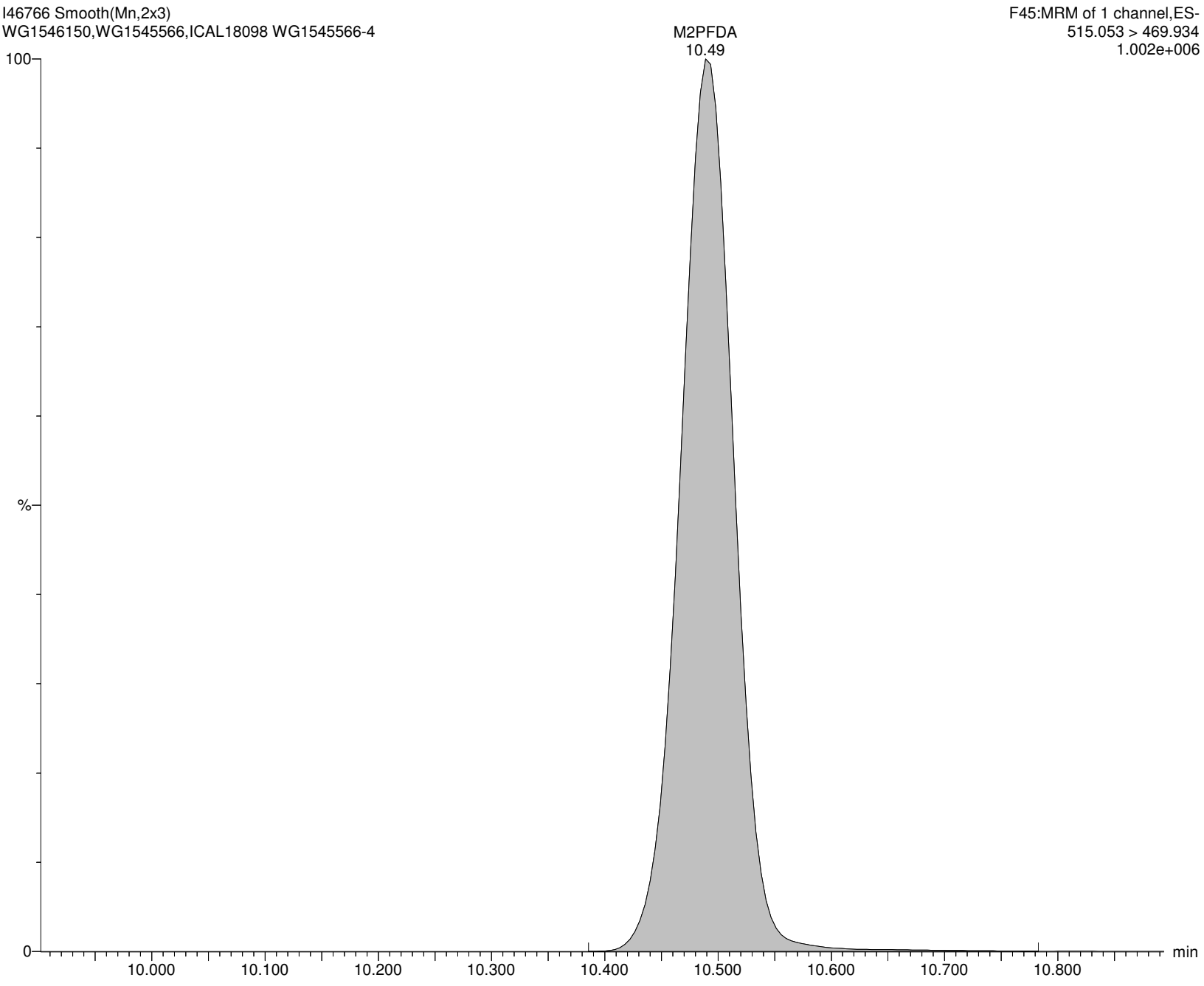


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:00 Eastern Daylight Time

Name: I46766
ID: WG1545566-4
Date: 15-Sep-2021
Time: 05:42:20
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFDA

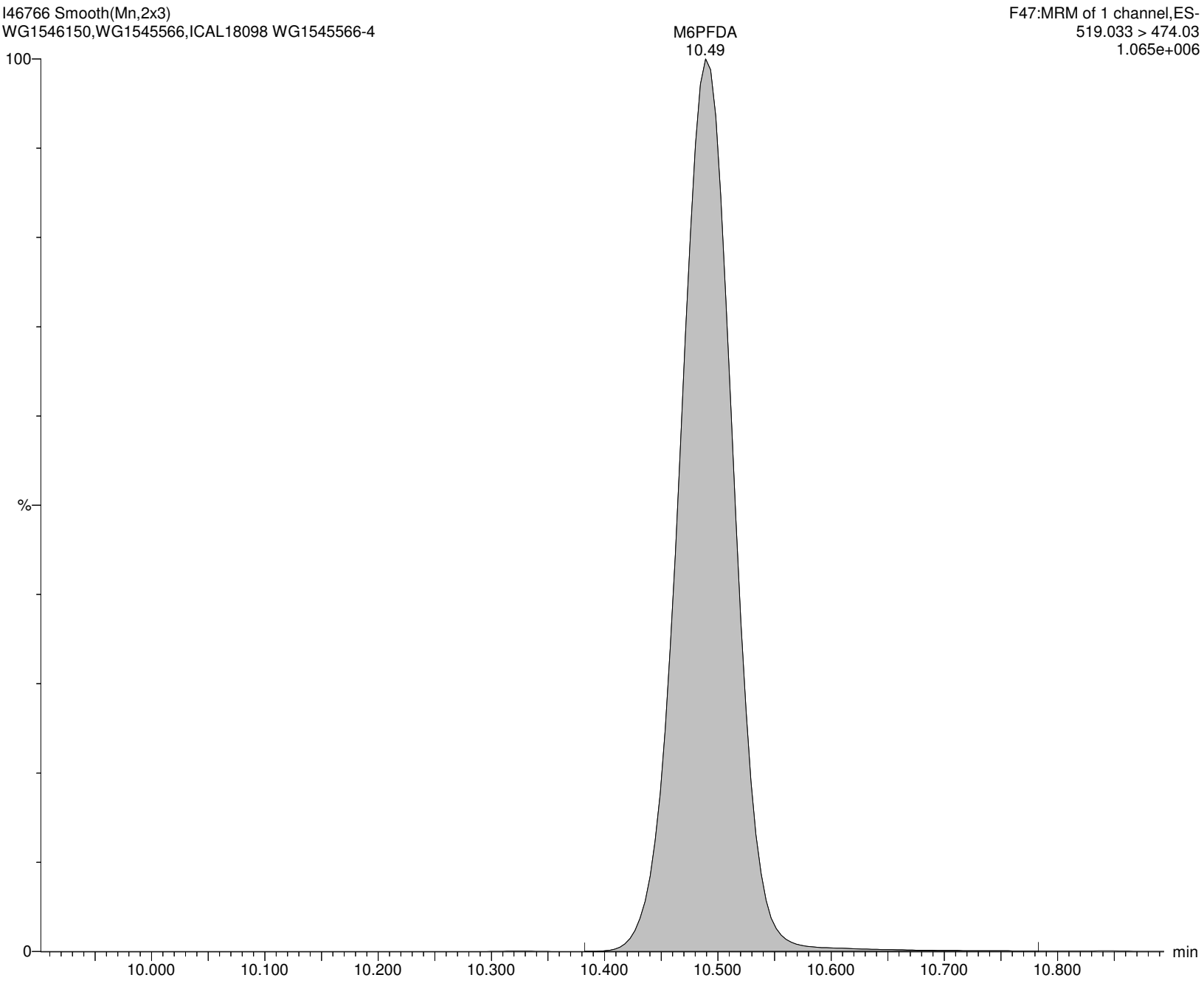


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:00 Eastern Daylight Time

Name: I46766
ID: WG1545566-4
Date: 15-Sep-2021
Time: 05:42:20
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M6PFDA

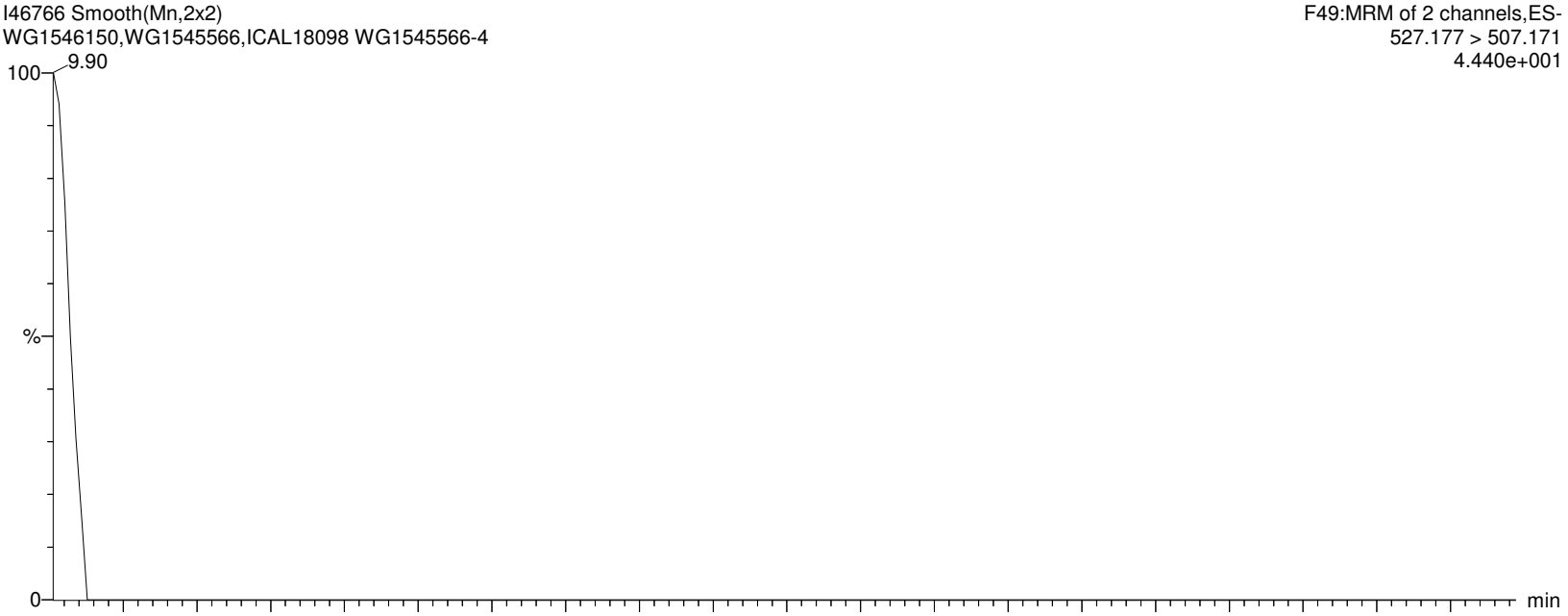


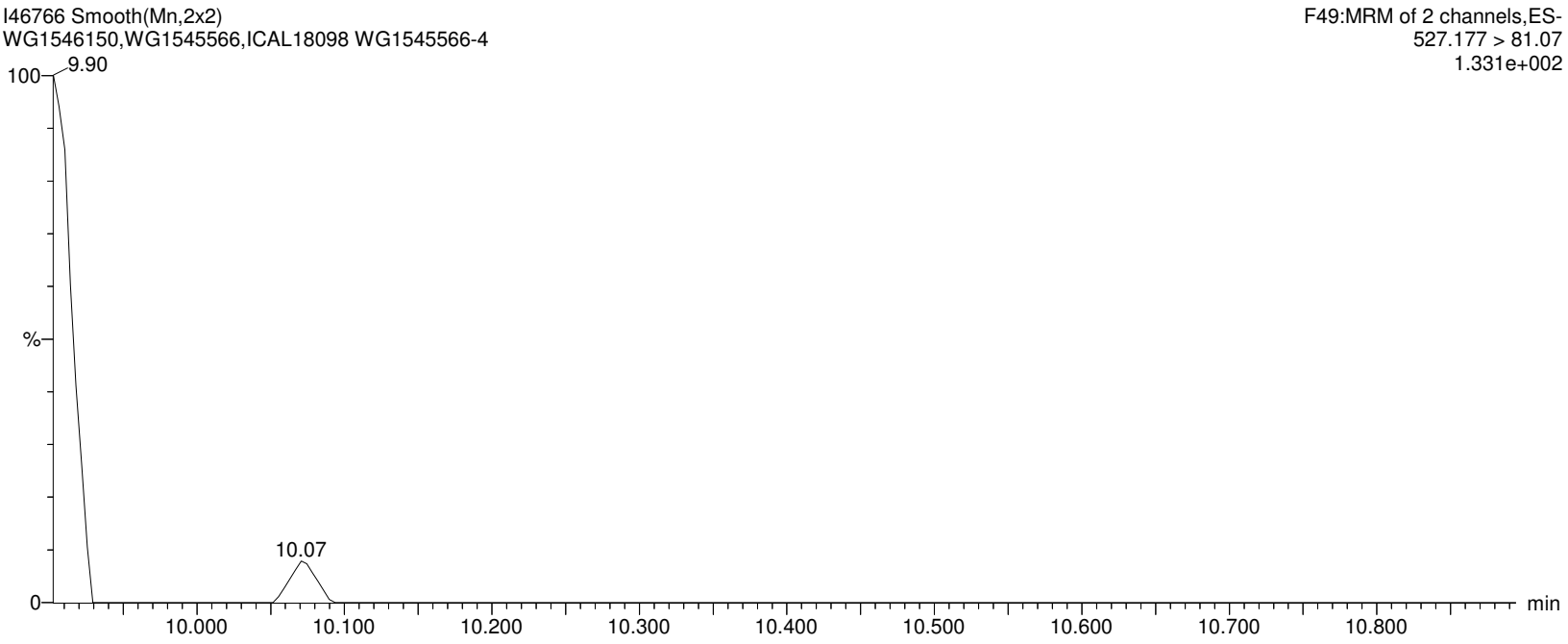
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:00 Eastern Daylight Time

Name: I46766
ID: WG1545566-4
Date: 15-Sep-2021
Time: 05:42:20
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

8:2FTS



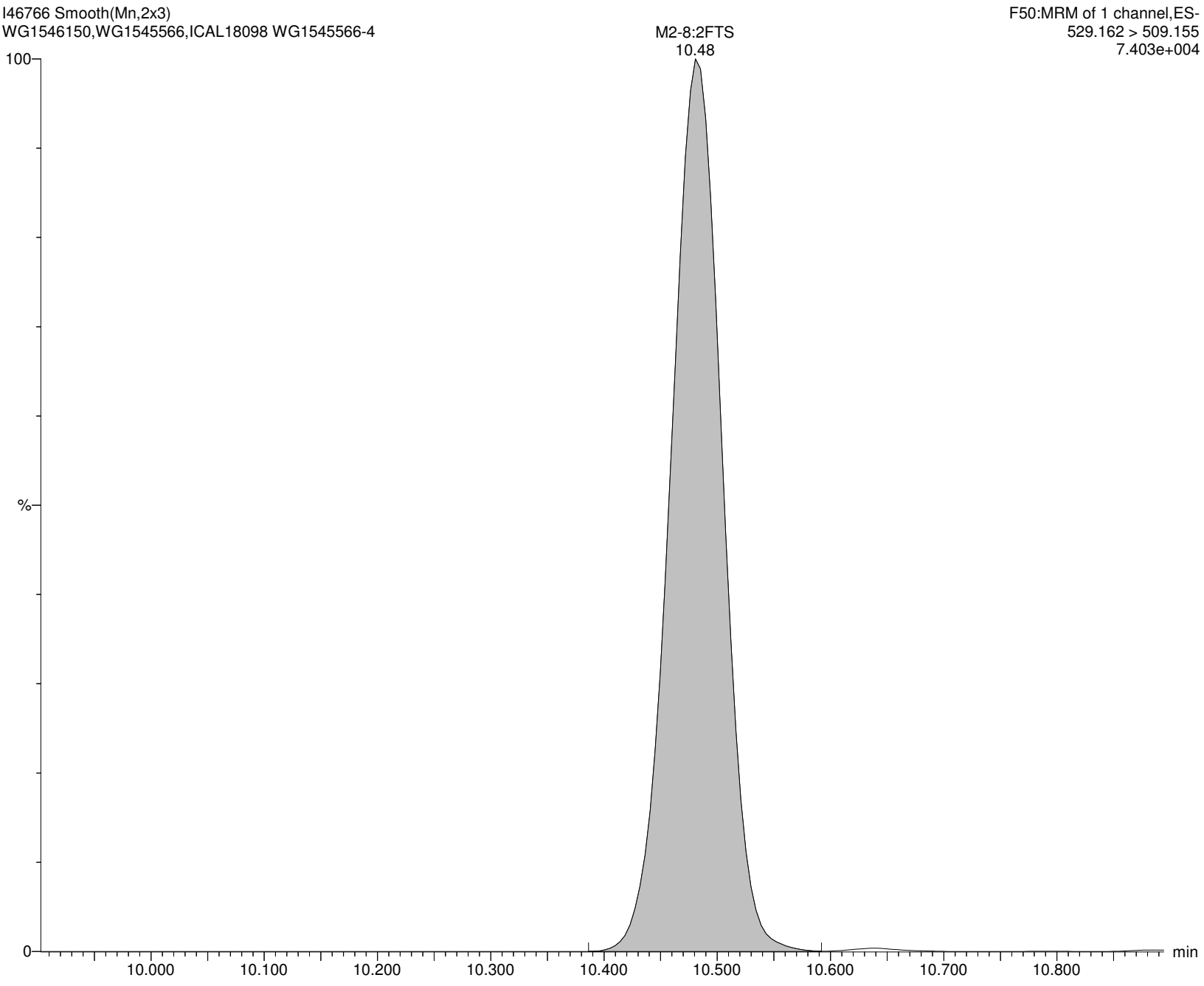


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:00 Eastern Daylight Time

Name: I46766
ID: WG1545566-4
Date: 15-Sep-2021
Time: 05:42:20
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-8:2FTS

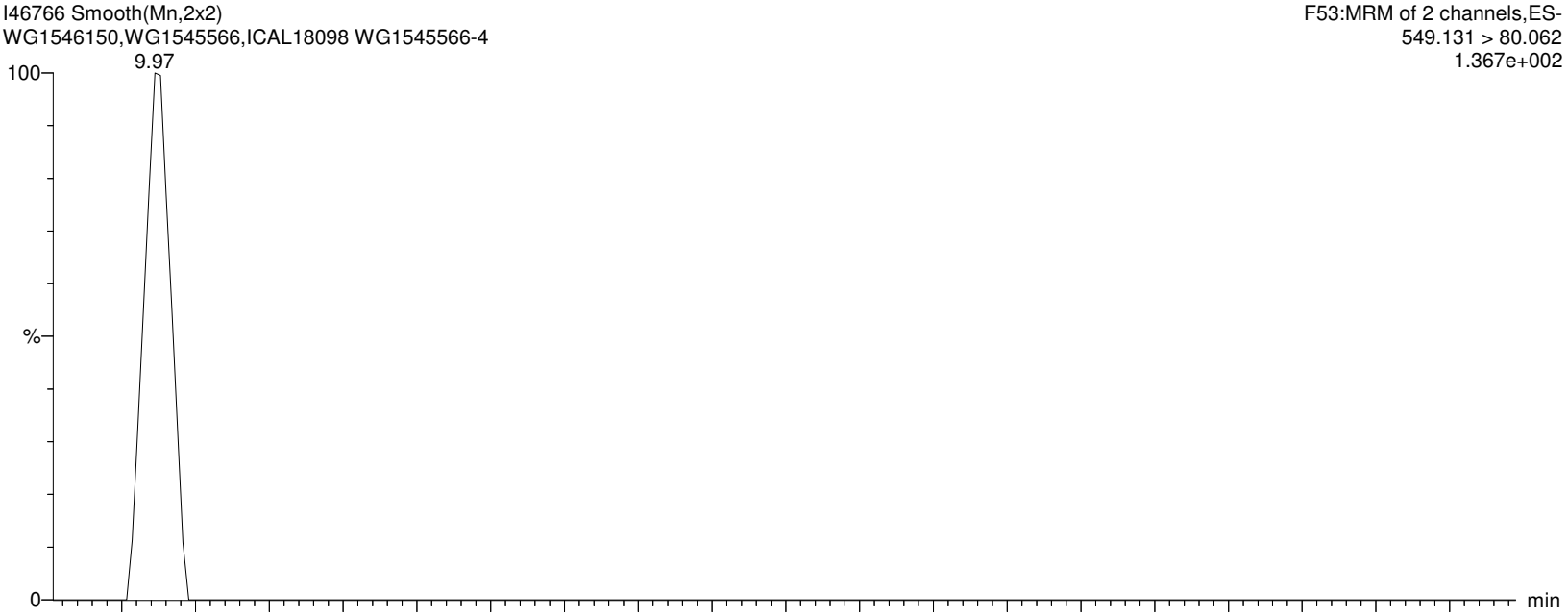


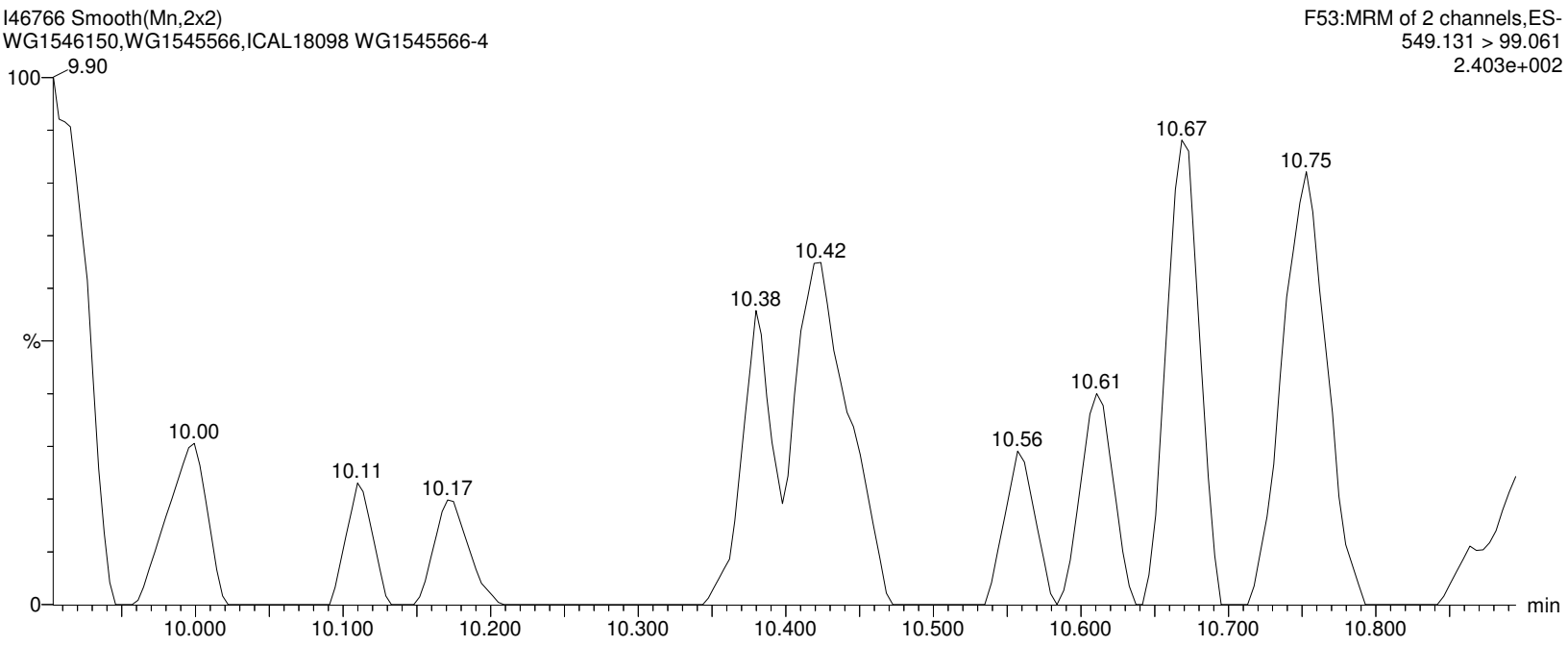
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:00 Eastern Daylight Time

Name: I46766
ID: WG1545566-4
Date: 15-Sep-2021
Time: 05:42:20
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNS



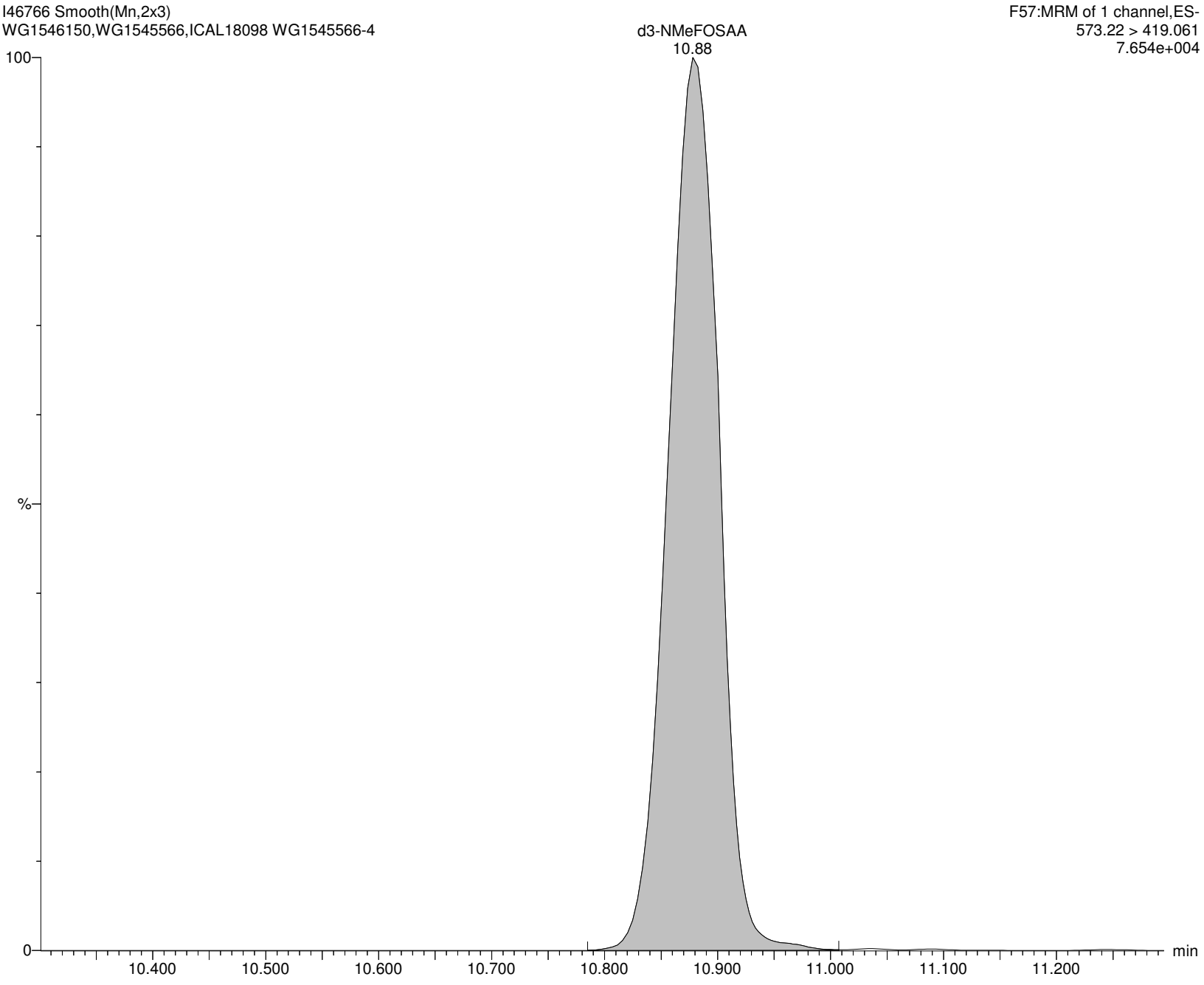


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:00 Eastern Daylight Time

Name: I46766
ID: WG1545566-4
Date: 15-Sep-2021
Time: 05:42:20
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSAA

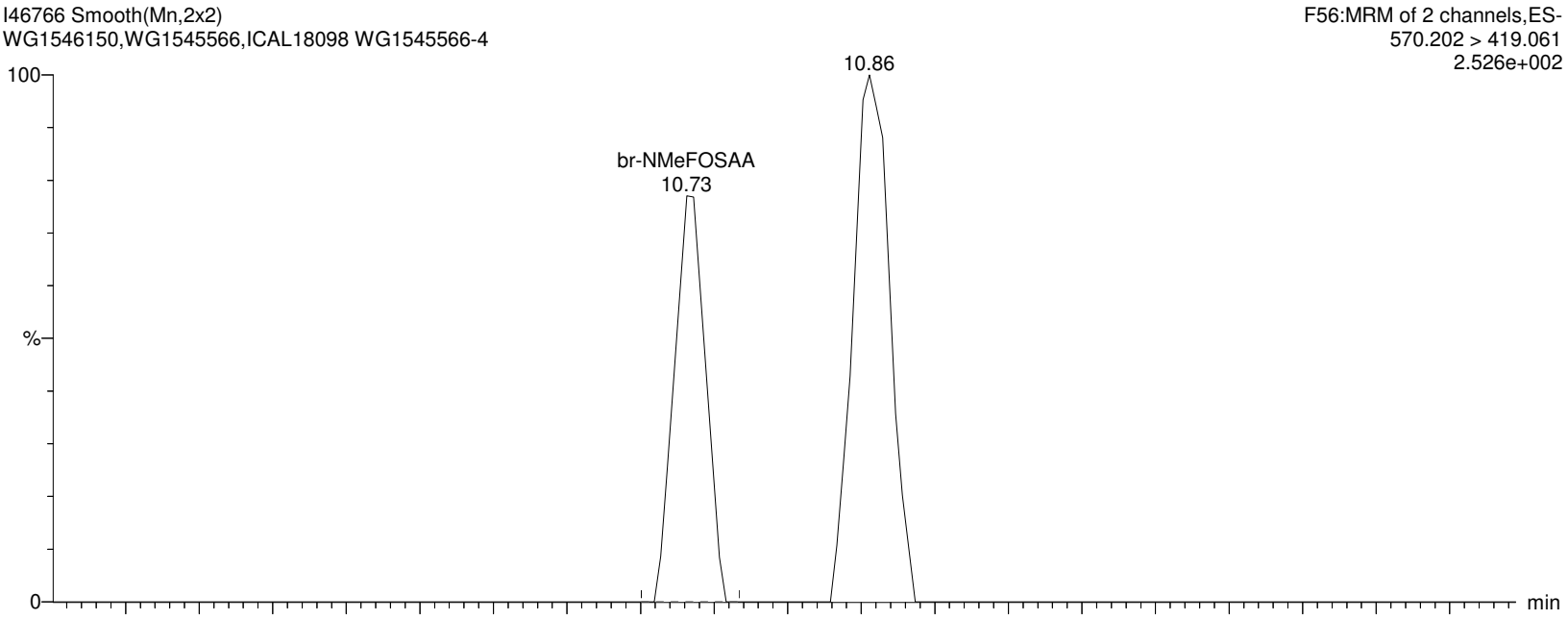


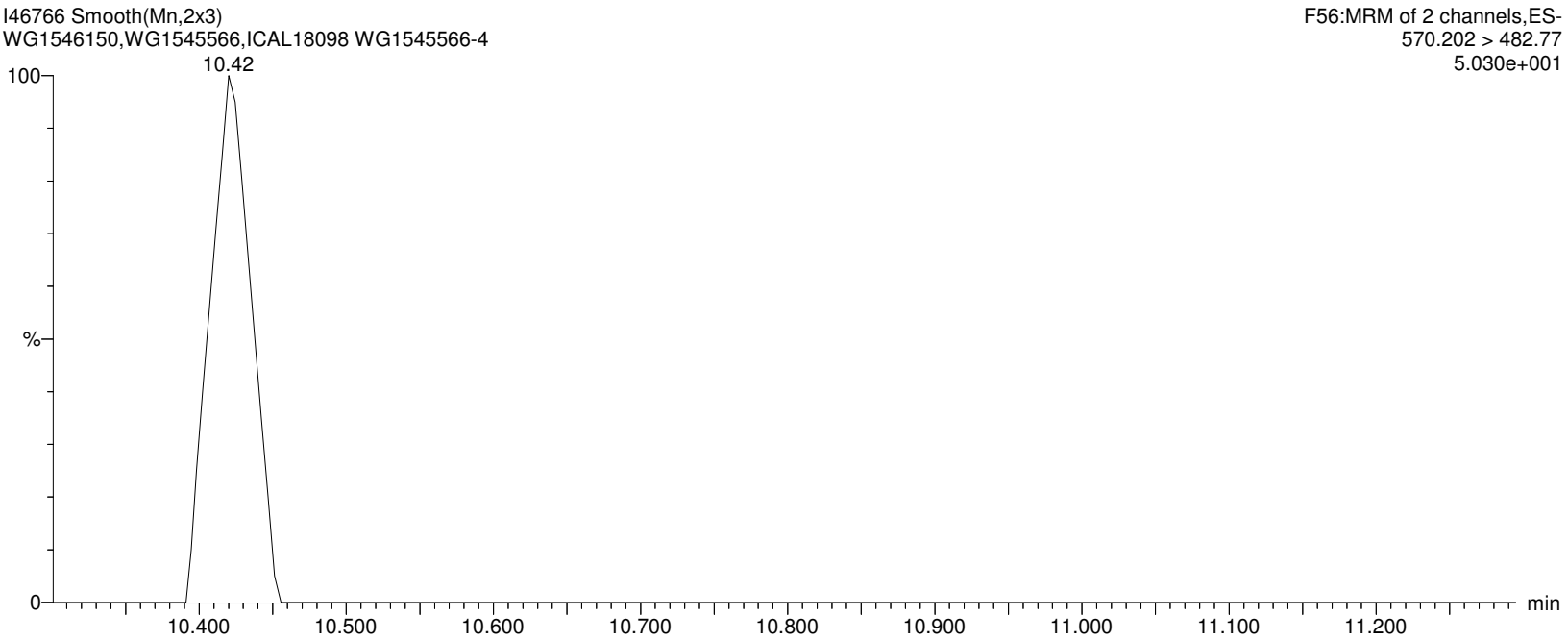
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:00 Eastern Daylight Time

Name: I46766
ID: WG1545566-4
Date: 15-Sep-2021
Time: 05:42:20
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NMeFOSAA



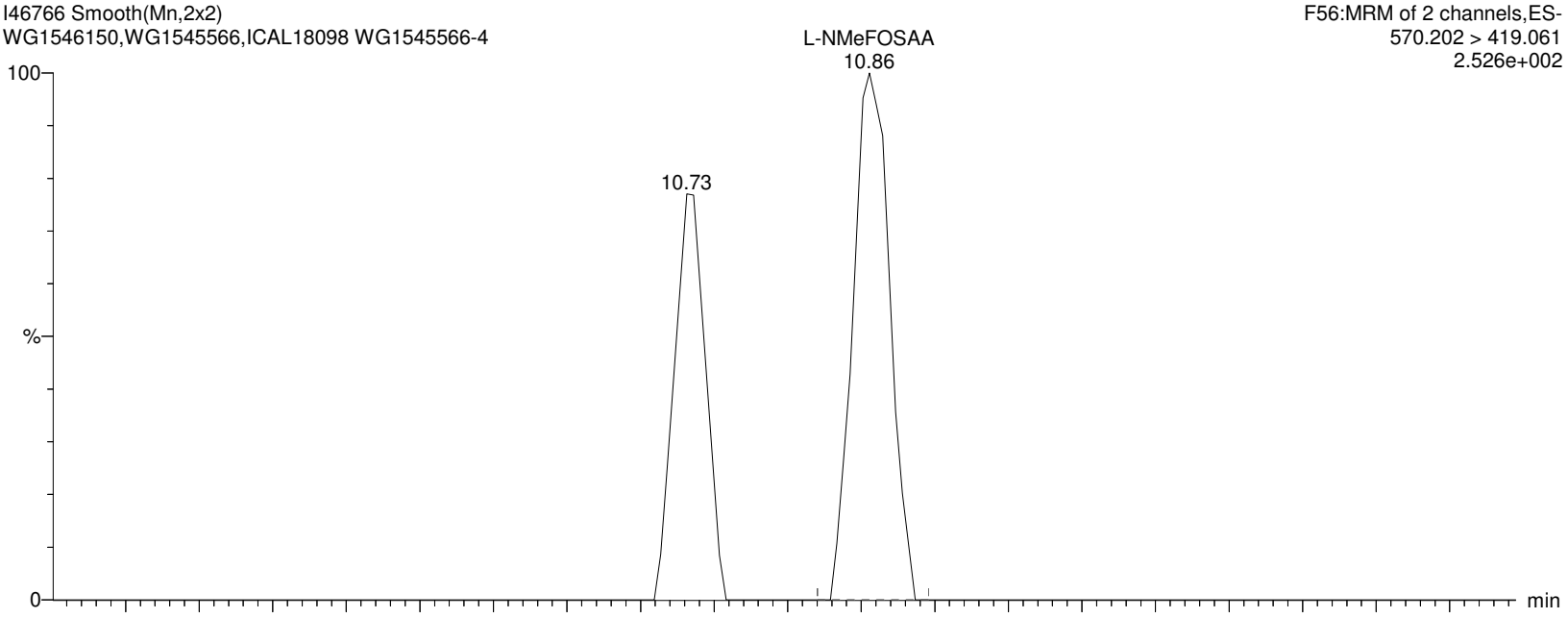


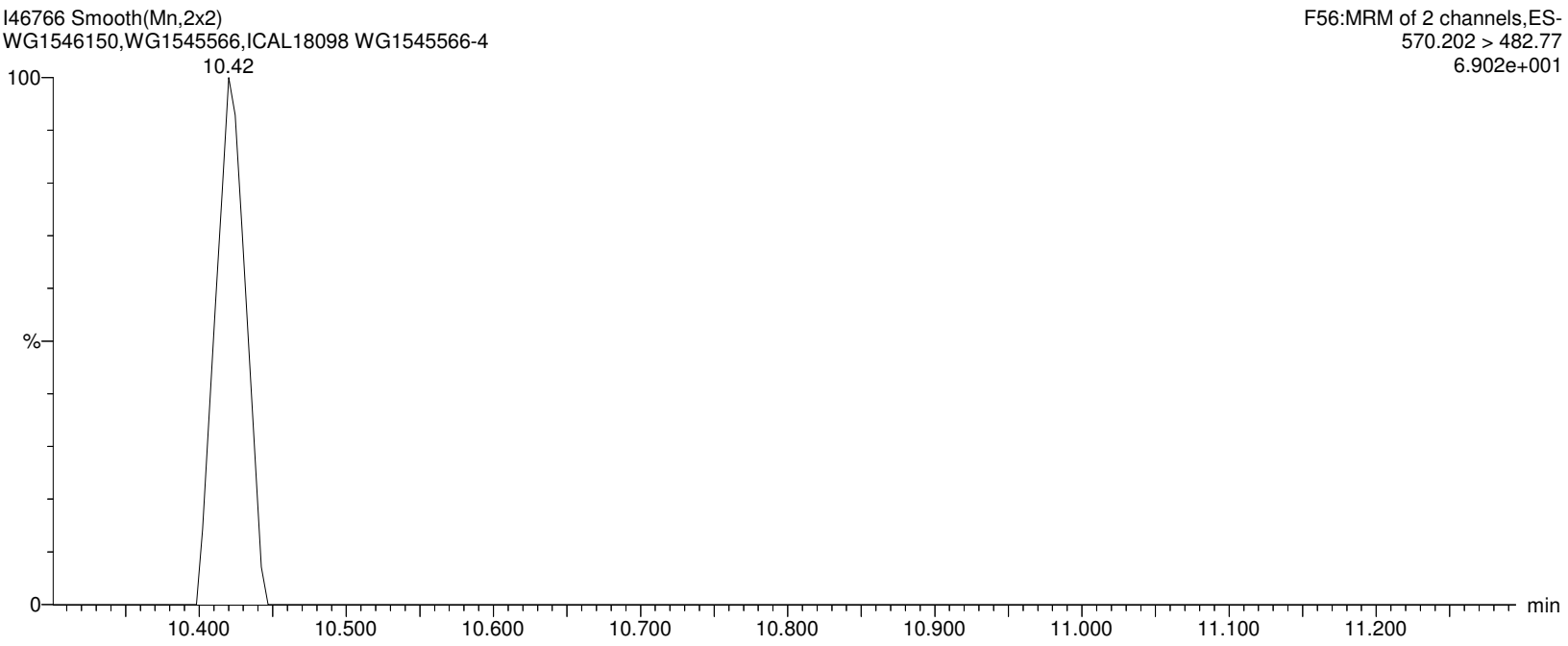
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:00 Eastern Daylight Time

Name: I46766
ID: WG1545566-4
Date: 15-Sep-2021
Time: 05:42:20
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NMeFOSAA



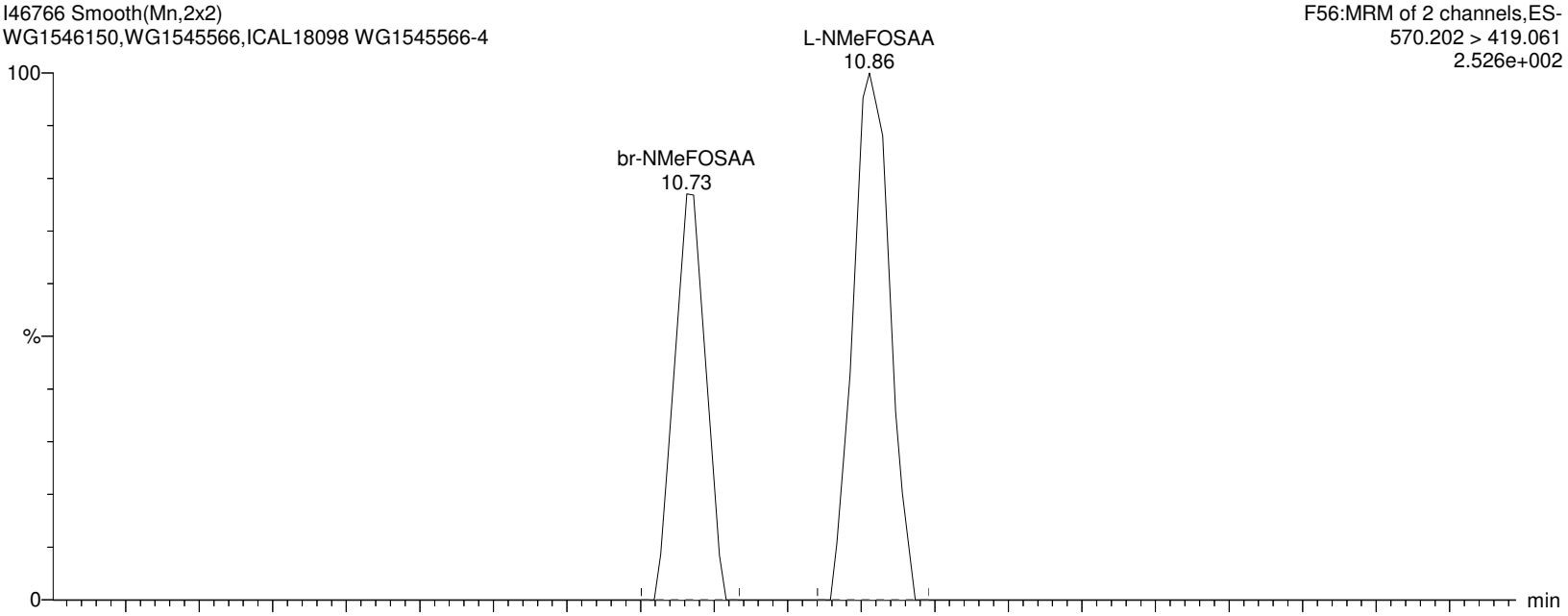


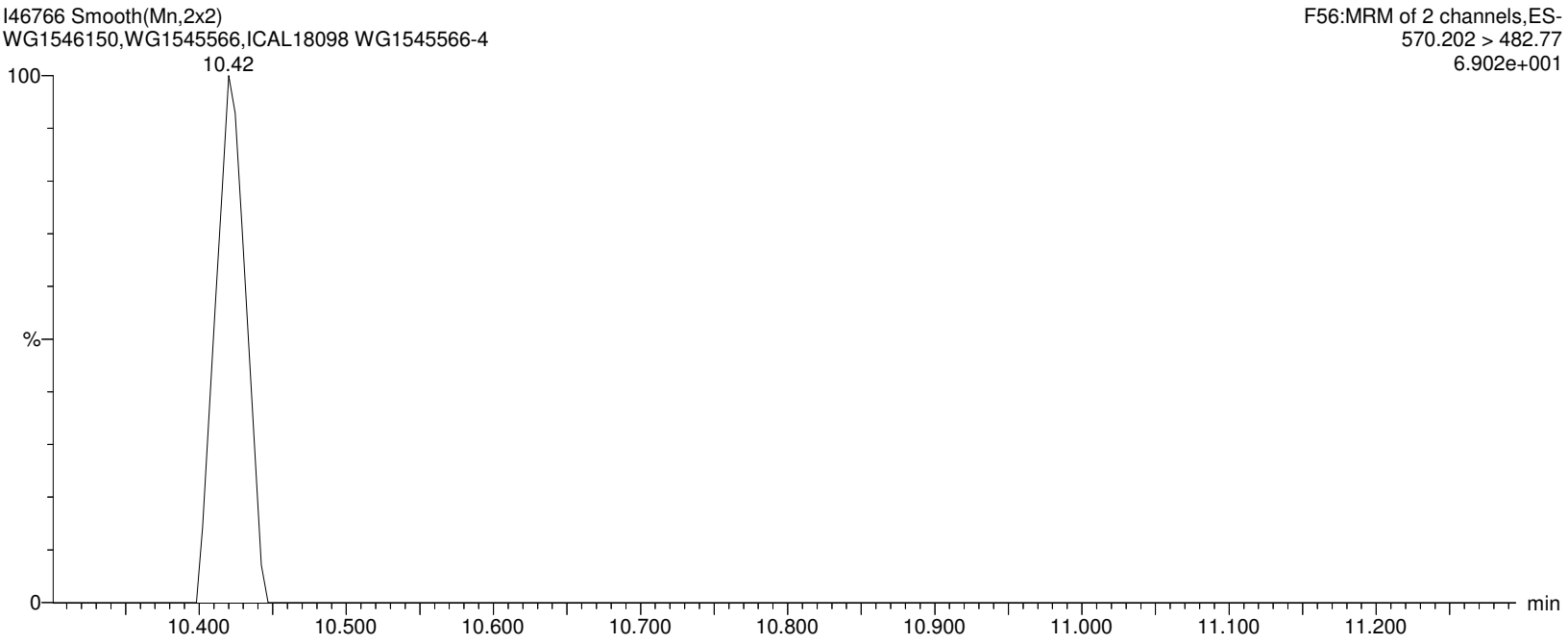
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:00 Eastern Daylight Time

Name: I46766
ID: WG1545566-4
Date: 15-Sep-2021
Time: 05:42:20
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSAA



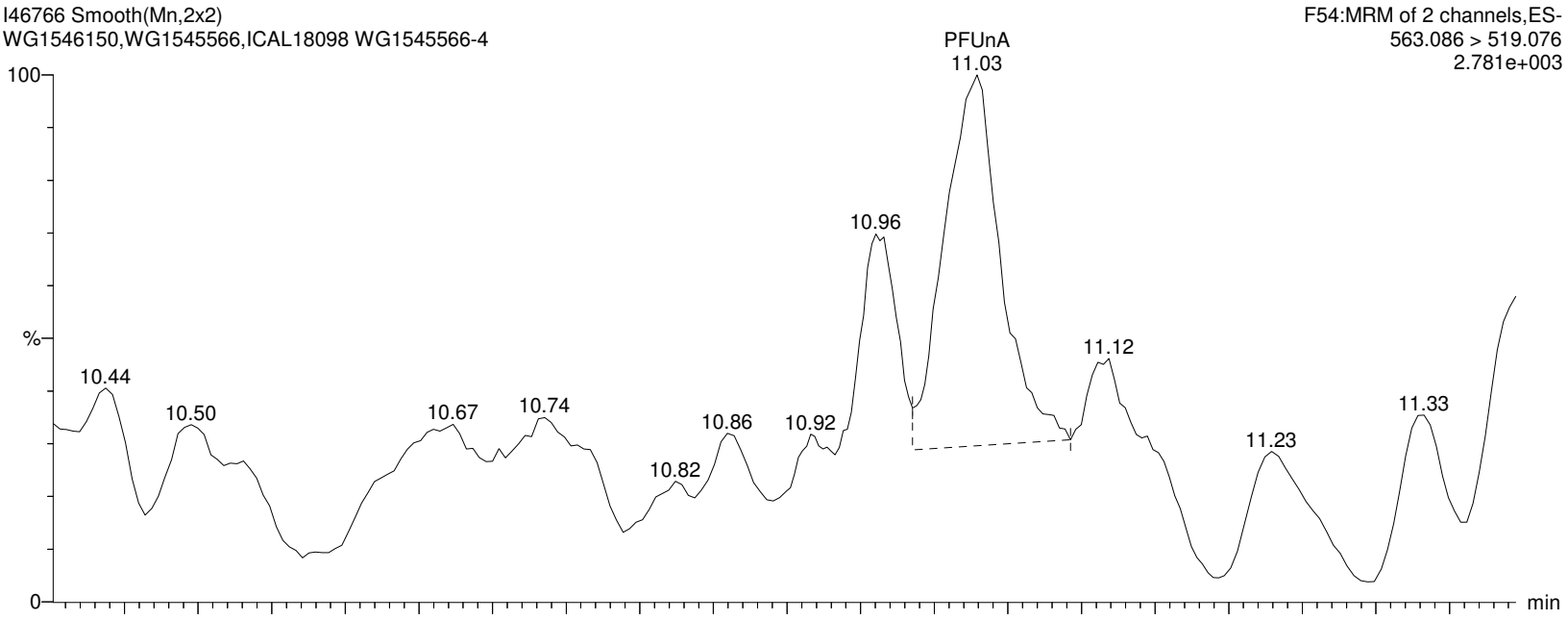


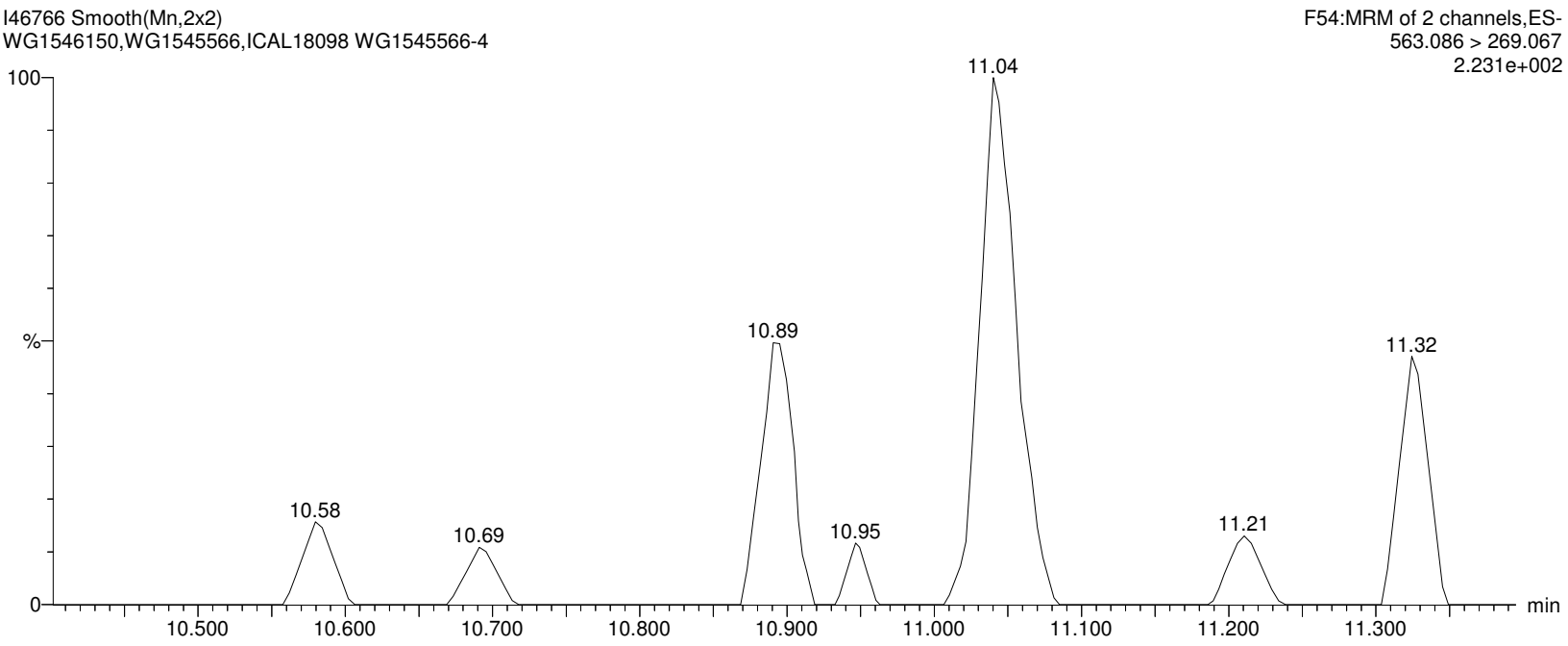
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:00 Eastern Daylight Time

Name: I46766
ID: WG1545566-4
Date: 15-Sep-2021
Time: 05:42:20
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFUnA



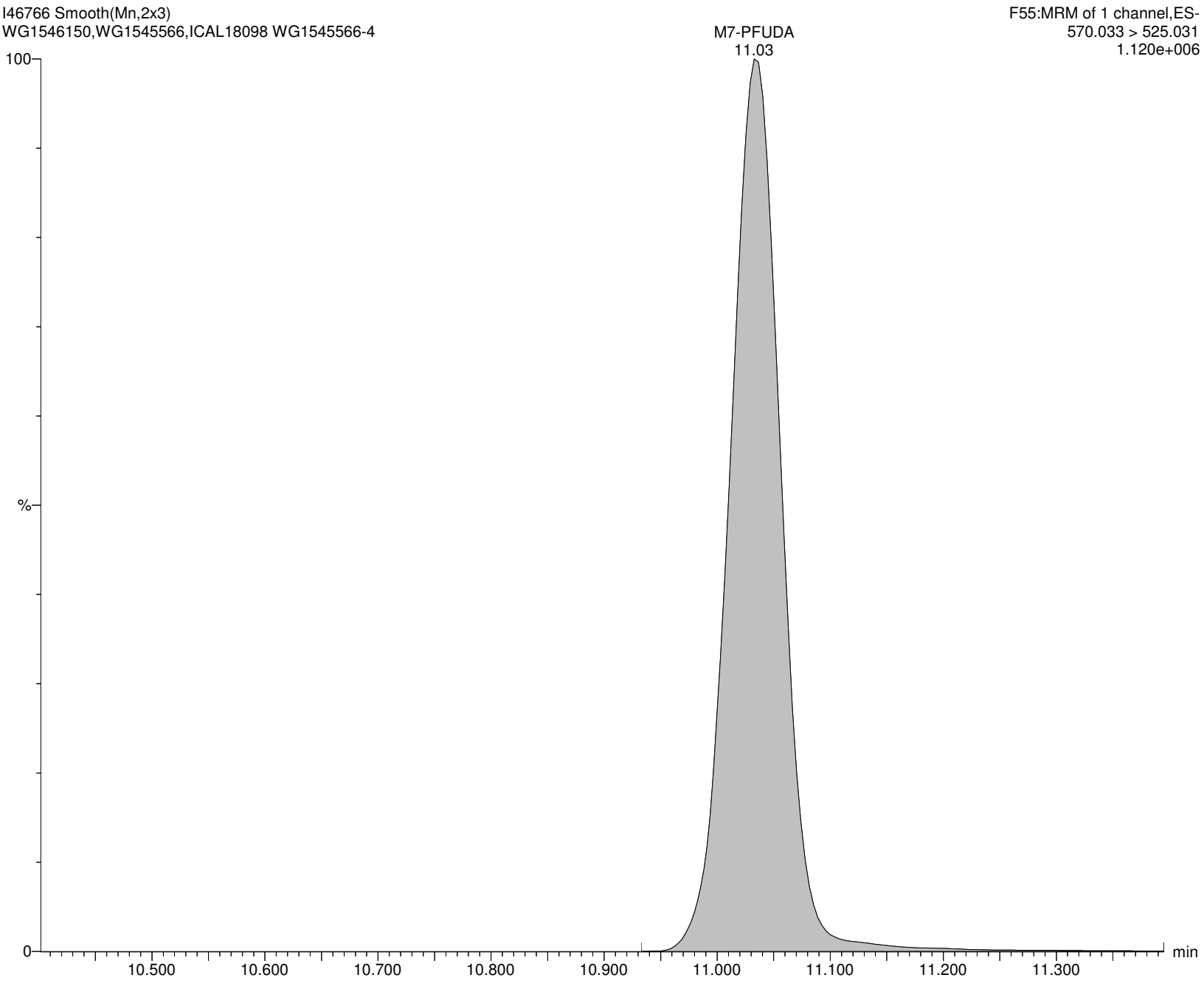


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:00 Eastern Daylight Time

Name: I46766
ID: WG1545566-4
Date: 15-Sep-2021
Time: 05:42:20
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M7-PFUDA

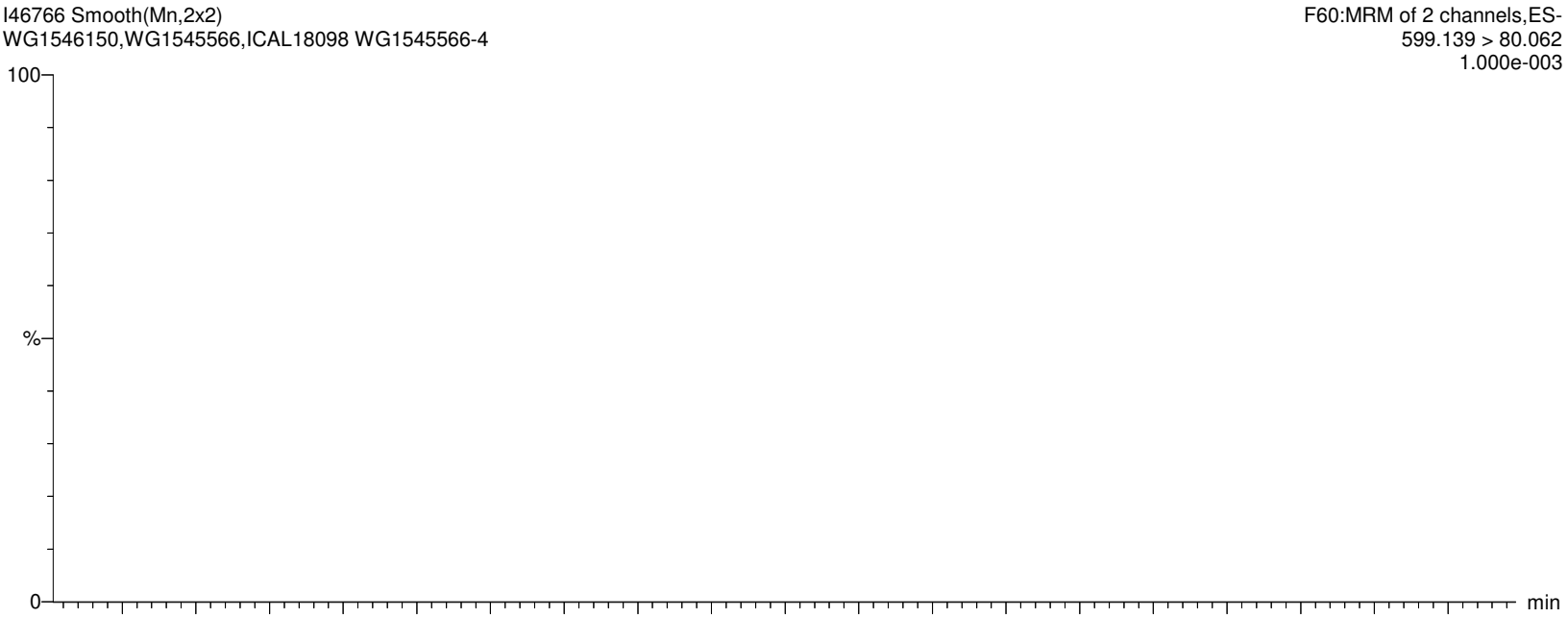


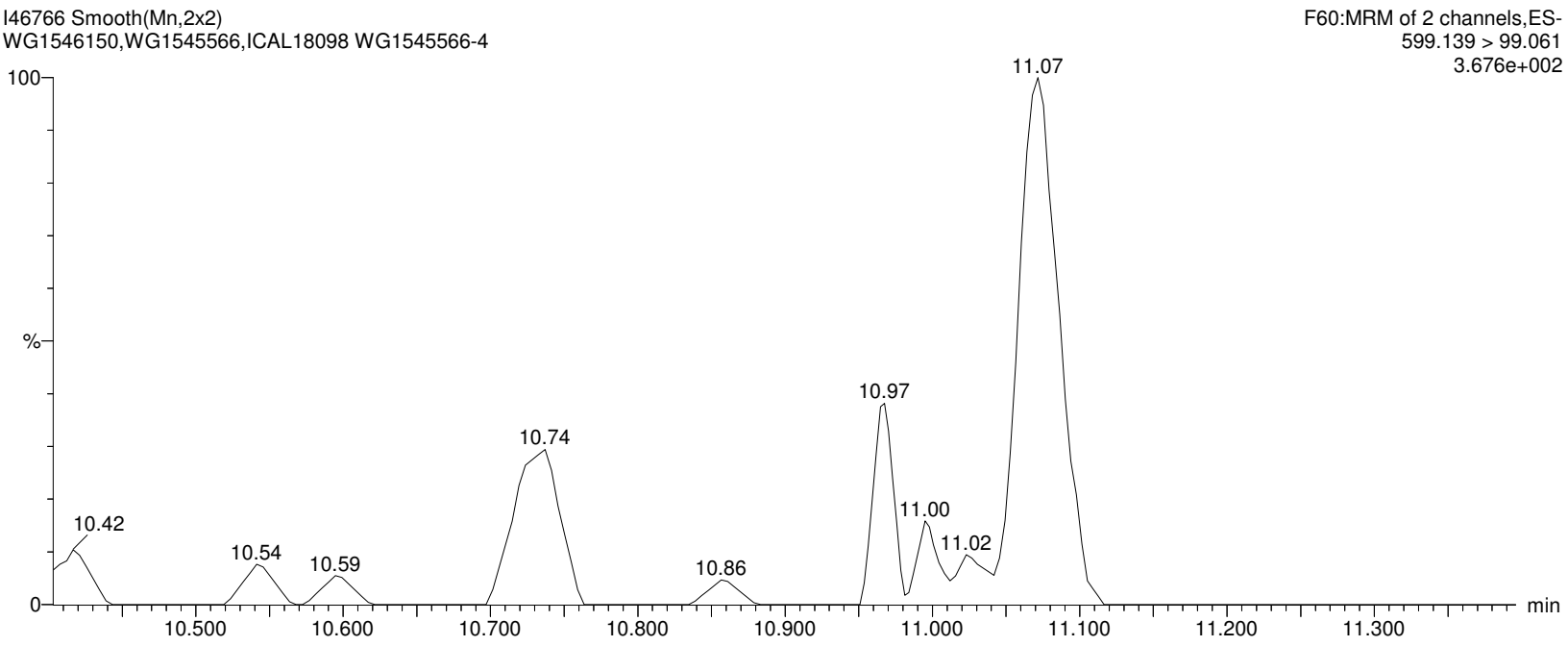
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:00 Eastern Daylight Time

Name: I46766
ID: WG1545566-4
Date: 15-Sep-2021
Time: 05:42:20
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDS



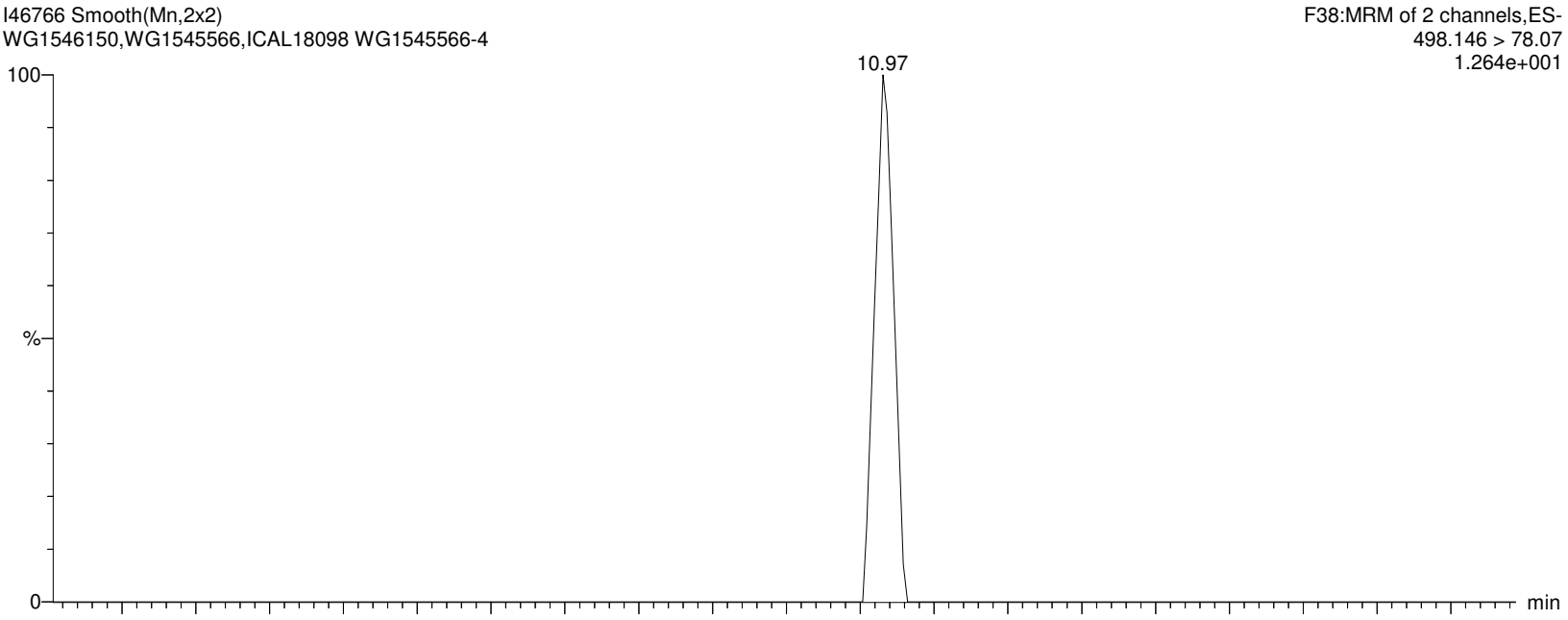


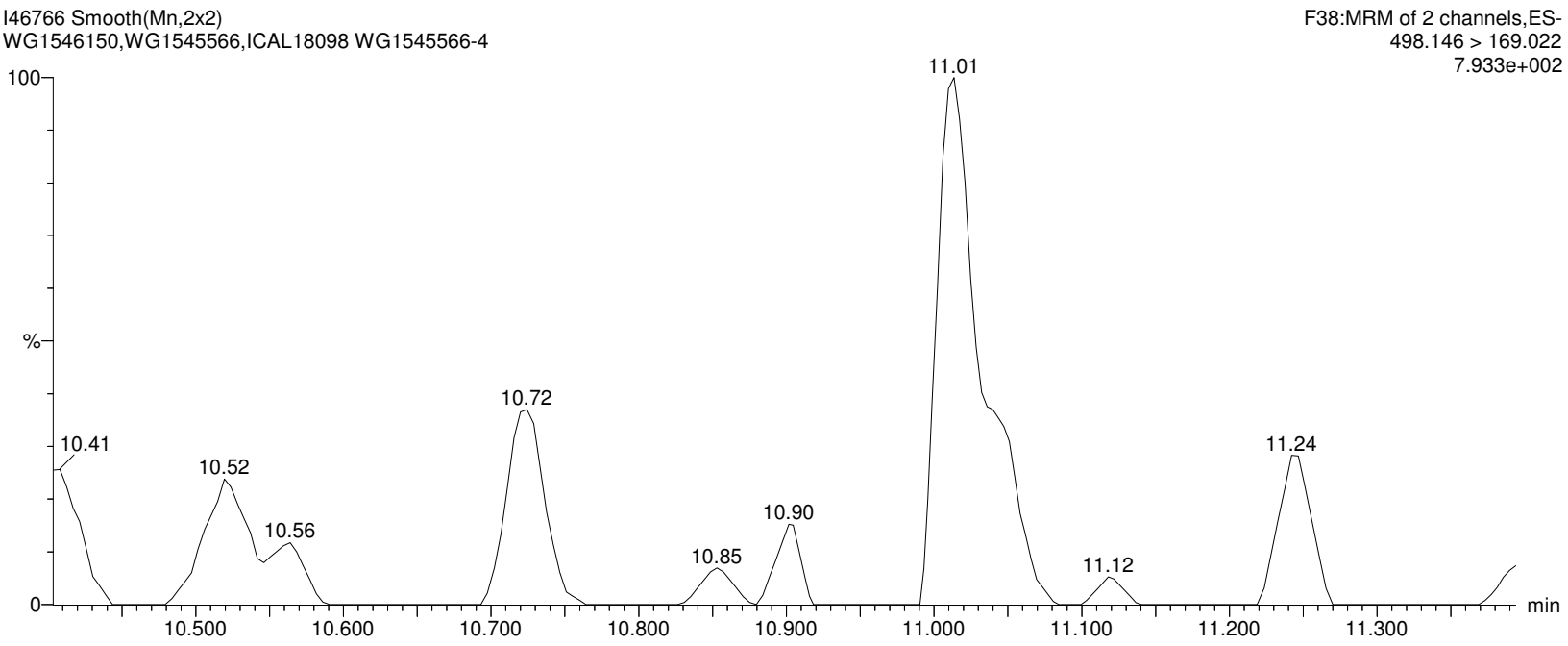
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:00 Eastern Daylight Time

Name: I46766
ID: WG1545566-4
Date: 15-Sep-2021
Time: 05:42:20
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

FOSA



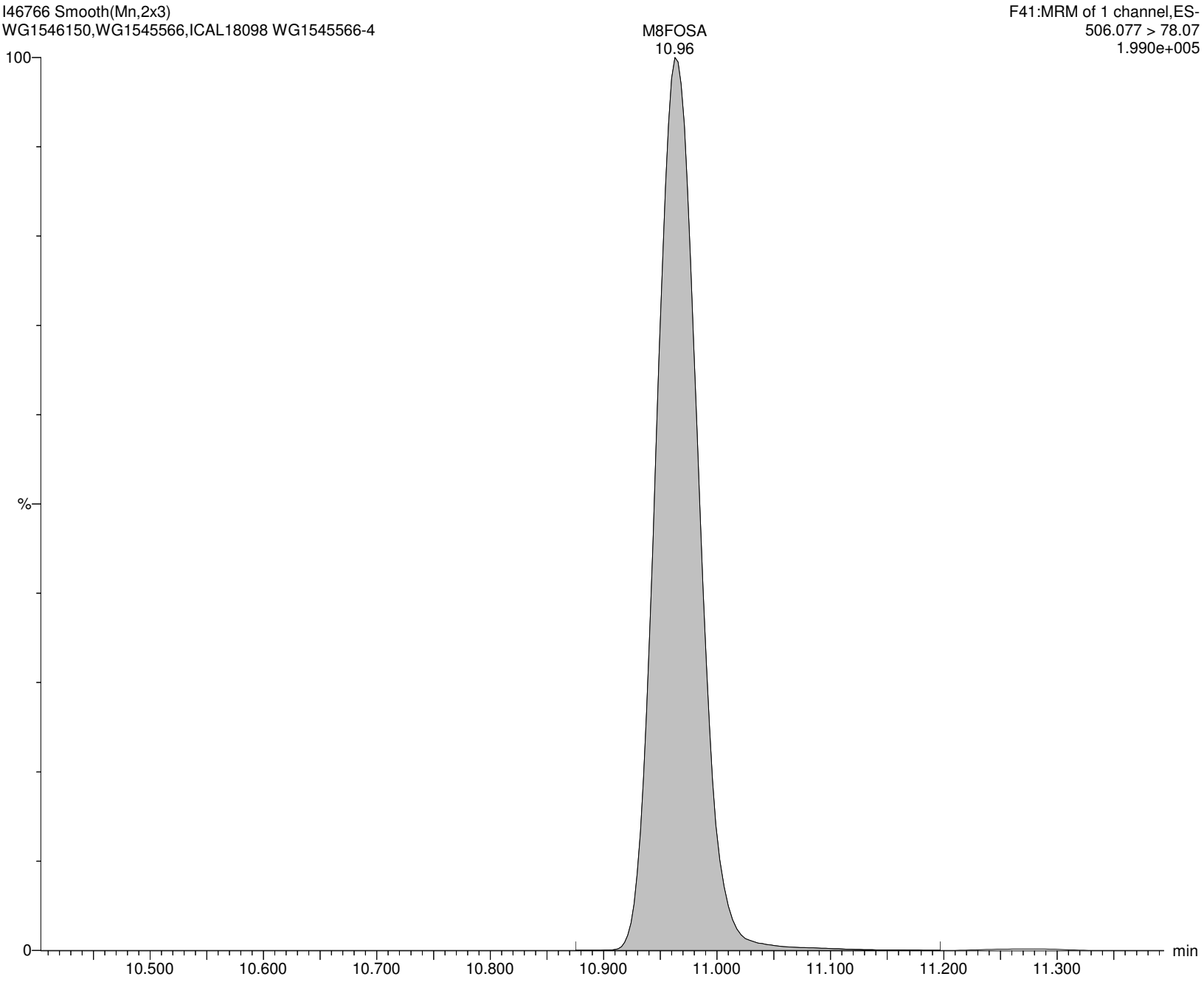


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:00 Eastern Daylight Time

Name: I46766
ID: WG1545566-4
Date: 15-Sep-2021
Time: 05:42:20
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8FOSA

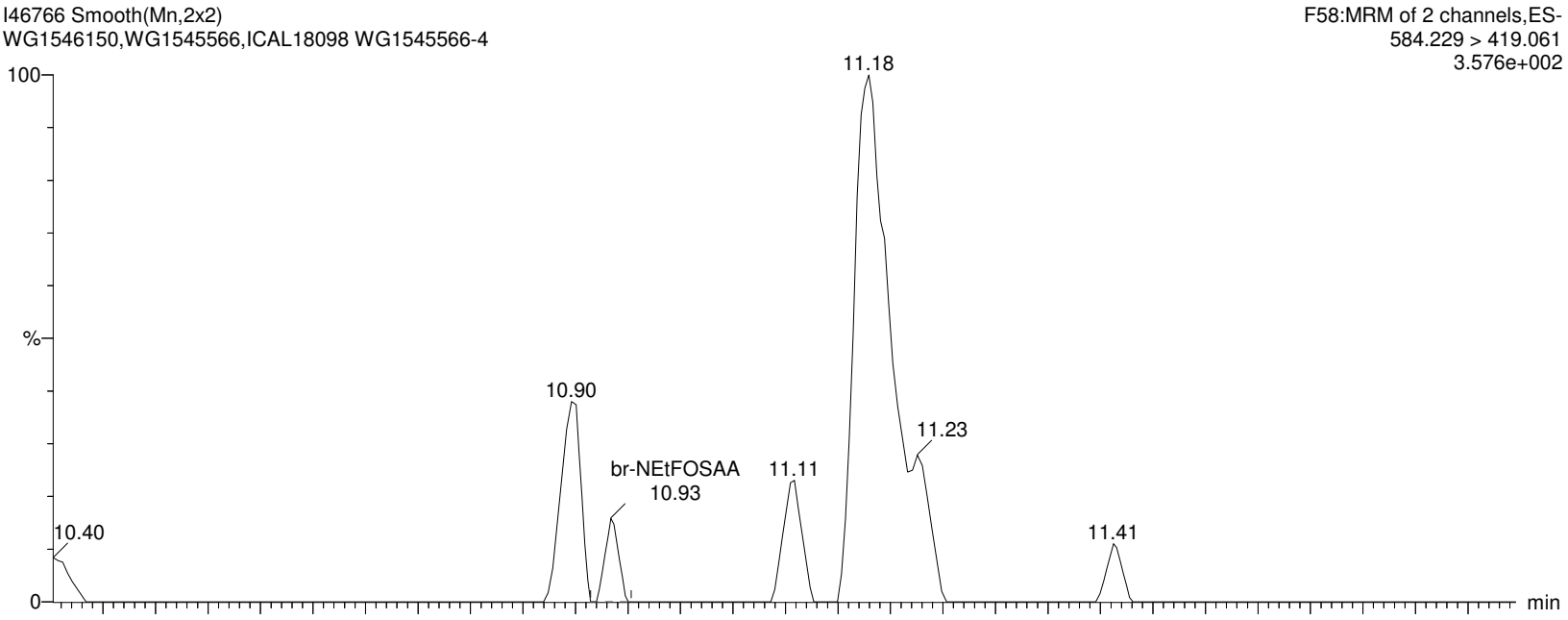


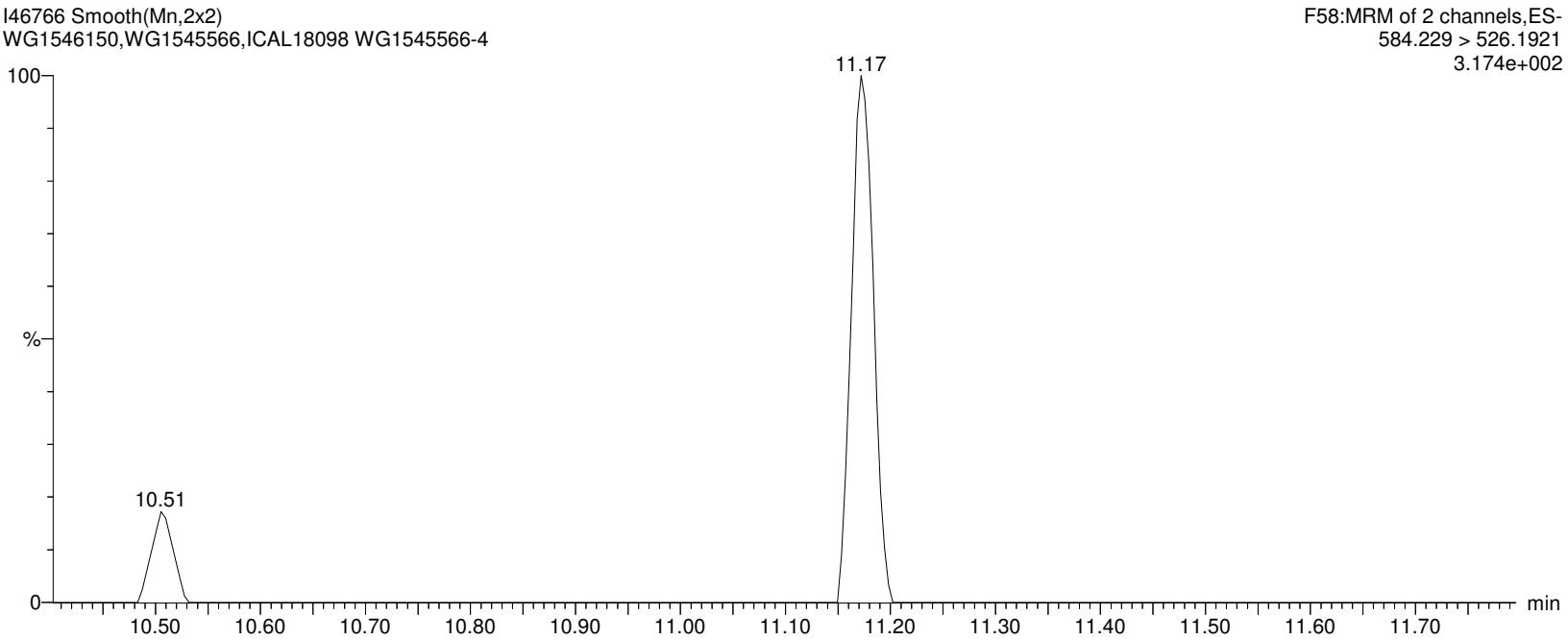
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:00 Eastern Daylight Time

Name: I46766
ID: WG1545566-4
Date: 15-Sep-2021
Time: 05:42:20
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NEtFOSAA



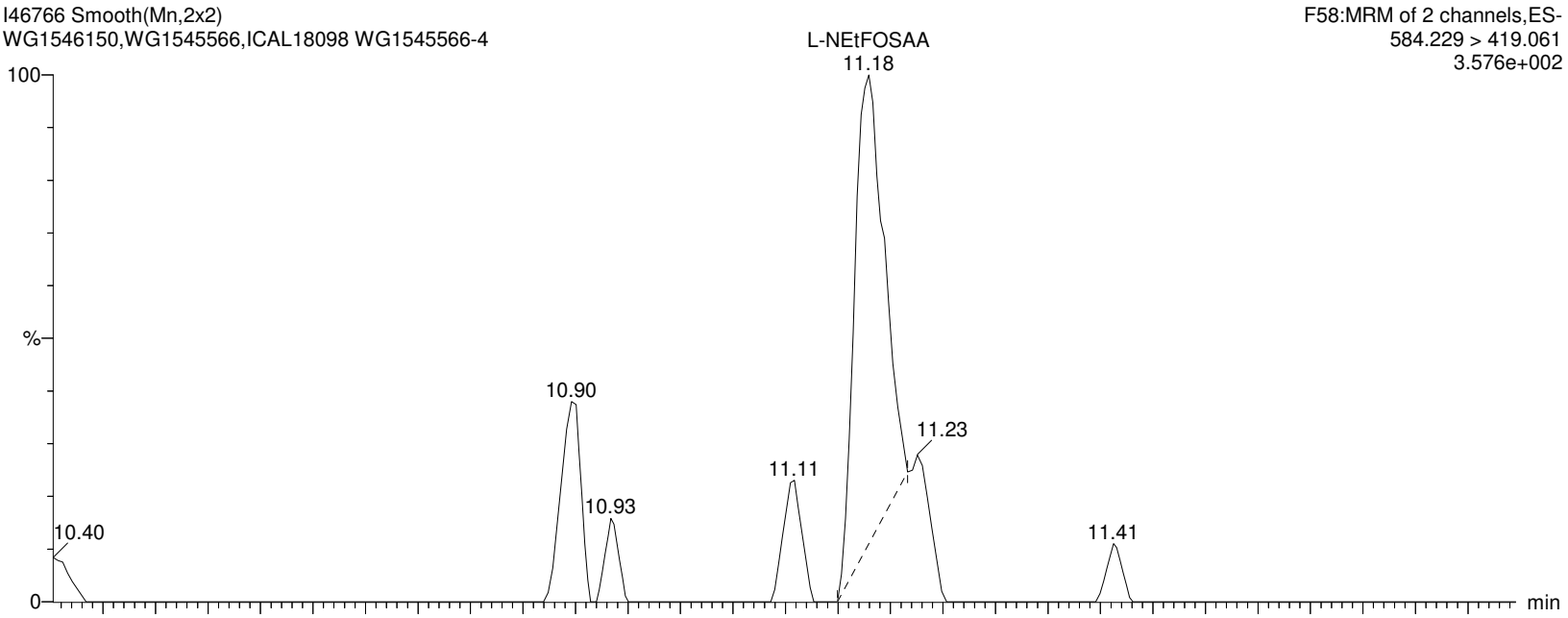


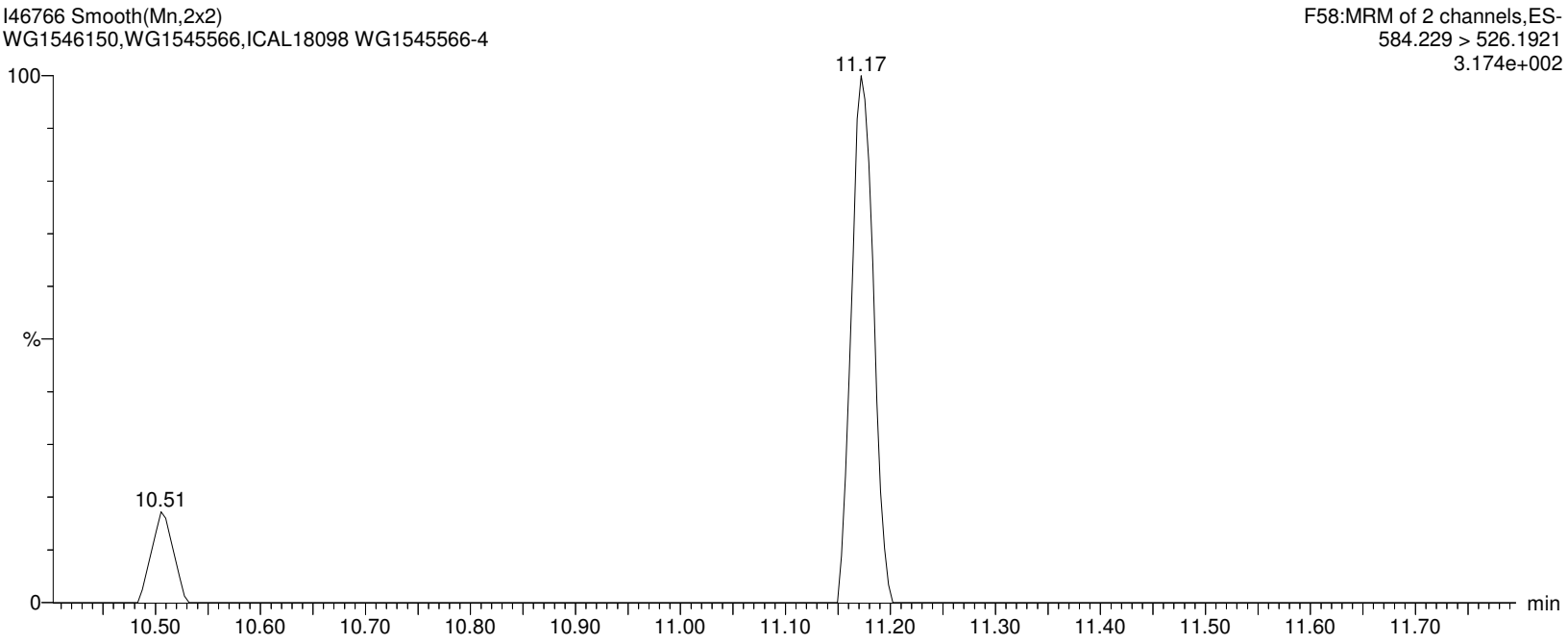
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:00 Eastern Daylight Time

Name: I46766
ID: WG1545566-4
Date: 15-Sep-2021
Time: 05:42:20
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NEtFOSAA



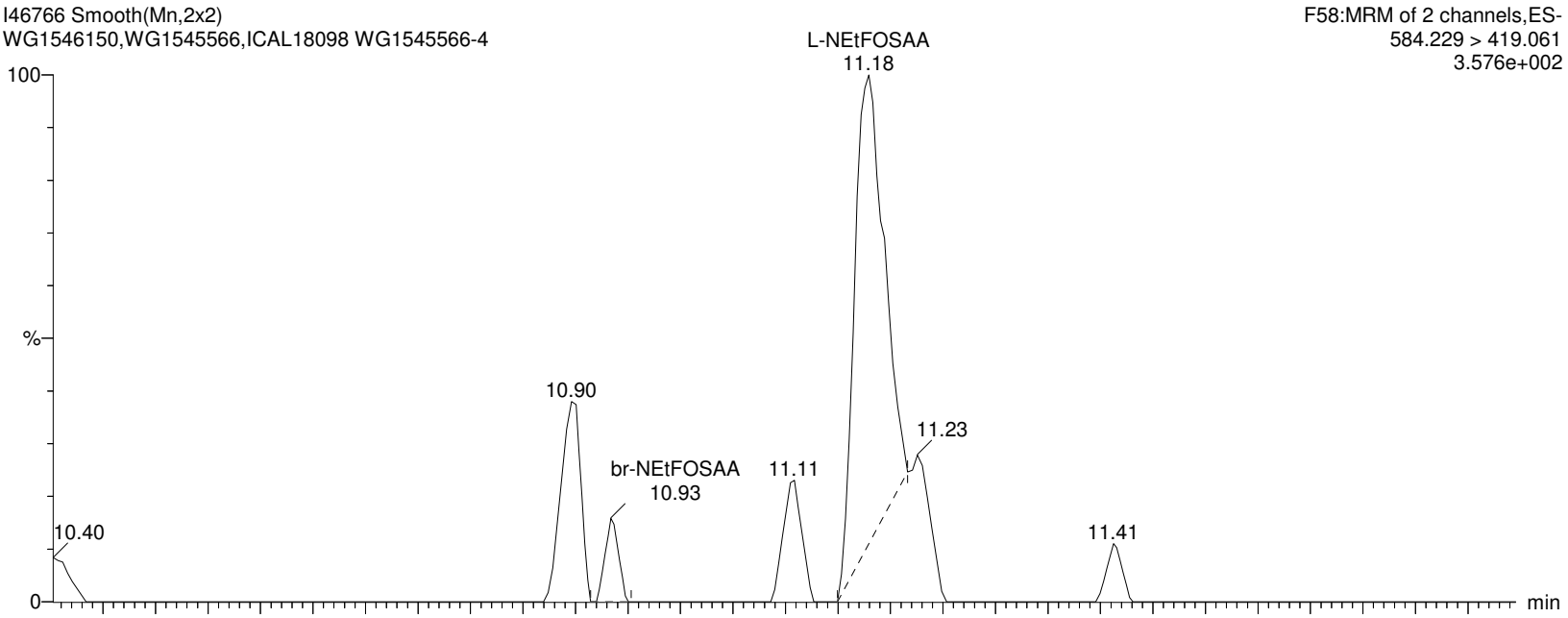


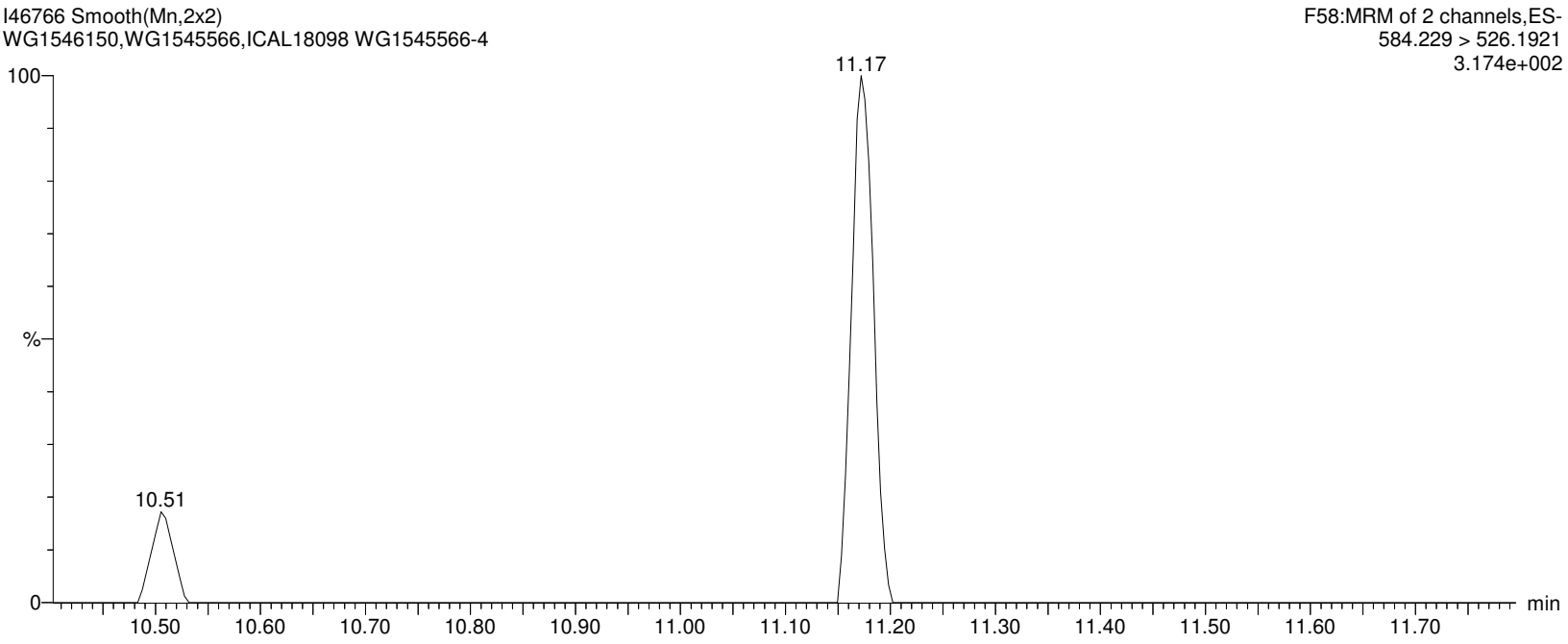
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:00 Eastern Daylight Time

Name: I46766
ID: WG1545566-4
Date: 15-Sep-2021
Time: 05:42:20
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSAA



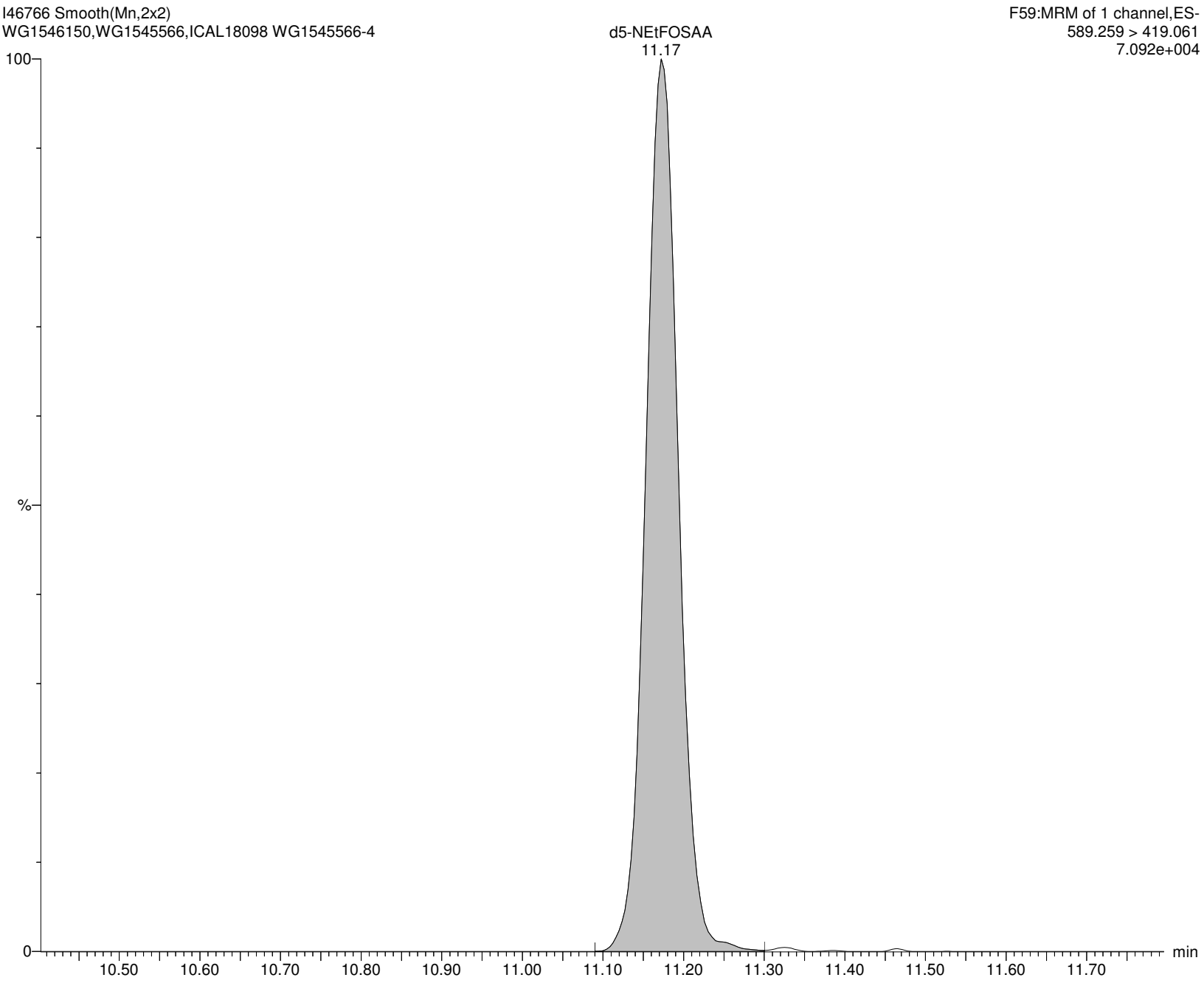


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:00 Eastern Daylight Time

Name: I46766
ID: WG1545566-4
Date: 15-Sep-2021
Time: 05:42:20
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSAA

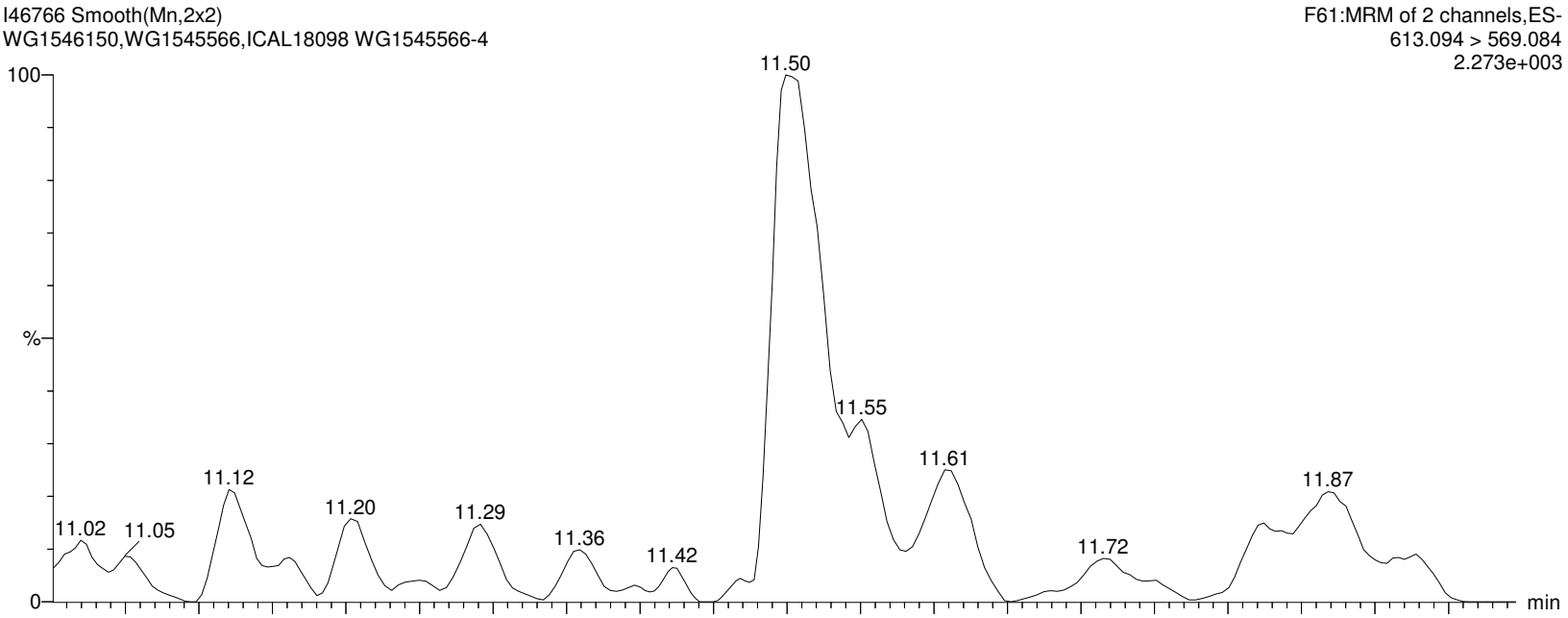


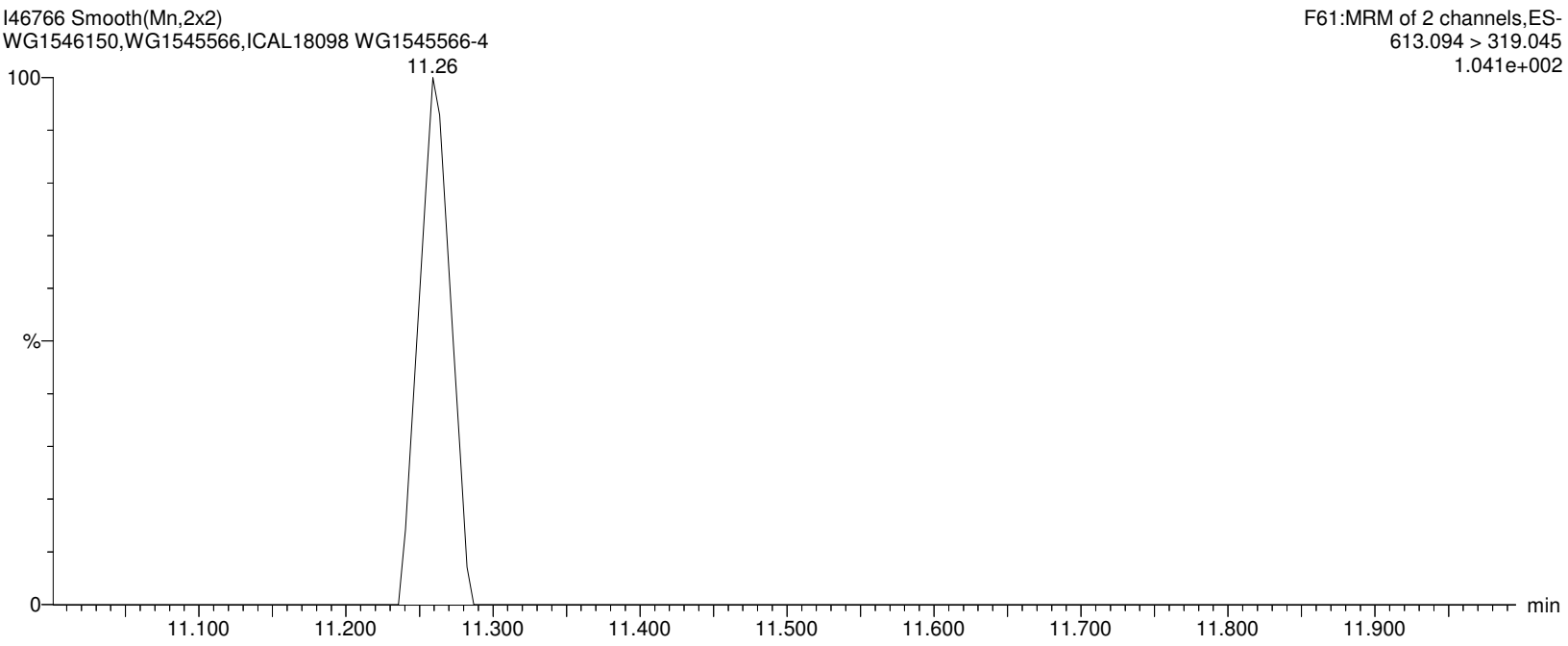
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:00 Eastern Daylight Time

Name: I46766
ID: WG1545566-4
Date: 15-Sep-2021
Time: 05:42:20
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoA



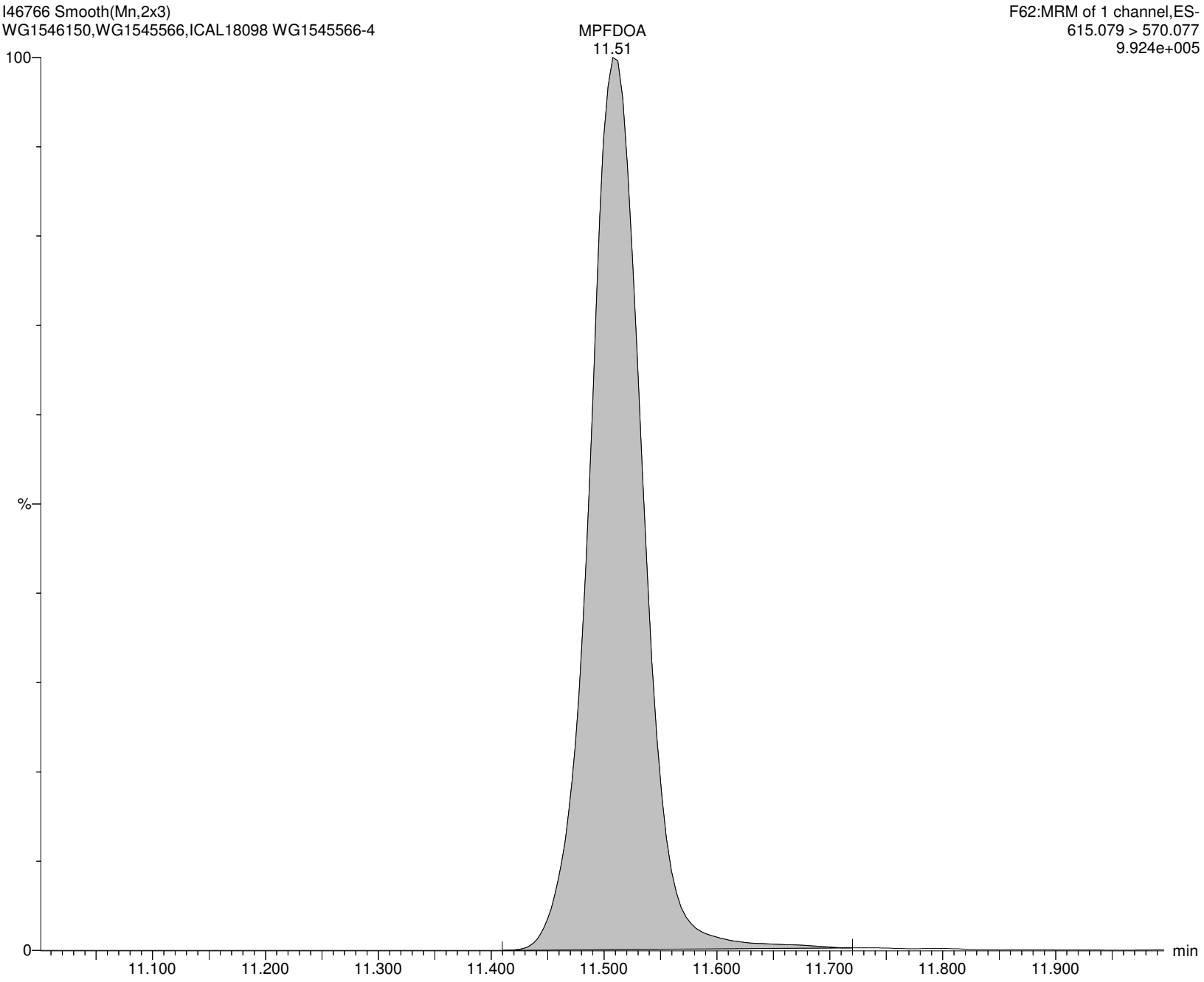


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:00 Eastern Daylight Time

Name: I46766
ID: WG1545566-4
Date: 15-Sep-2021
Time: 05:42:20
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFDOA

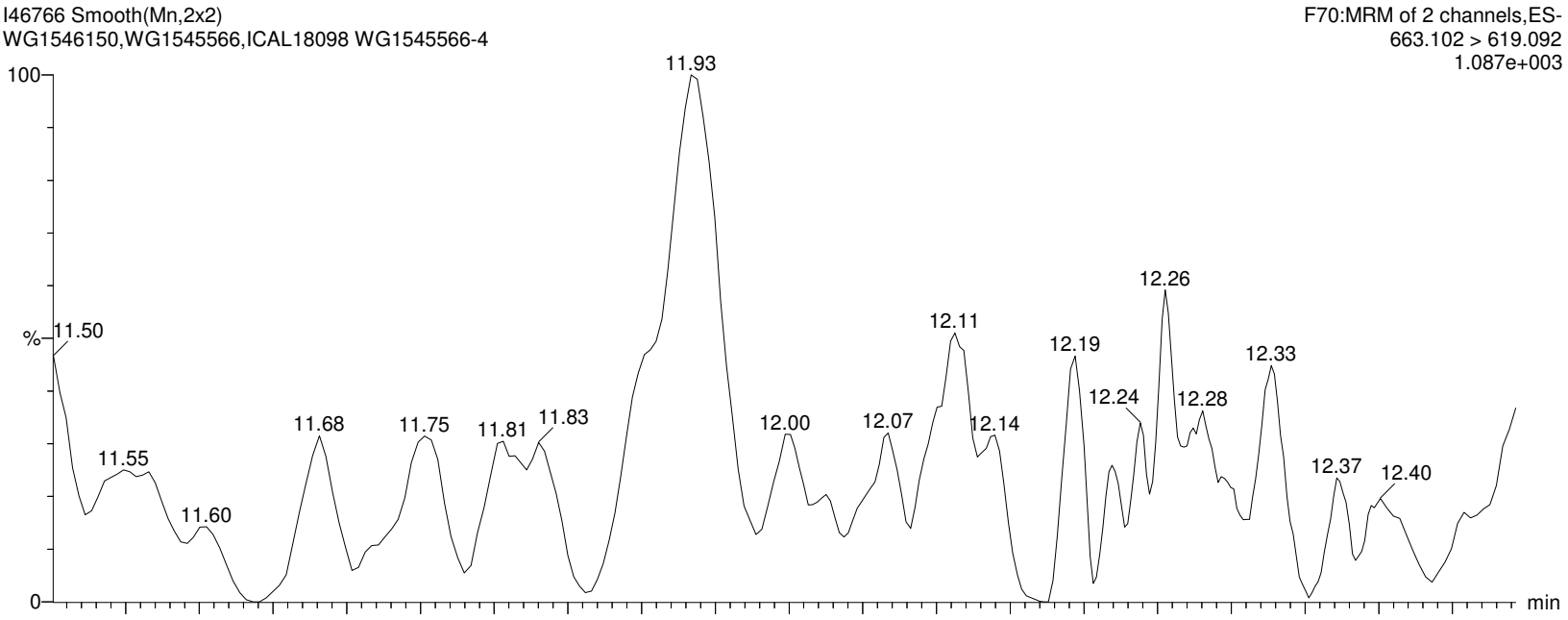


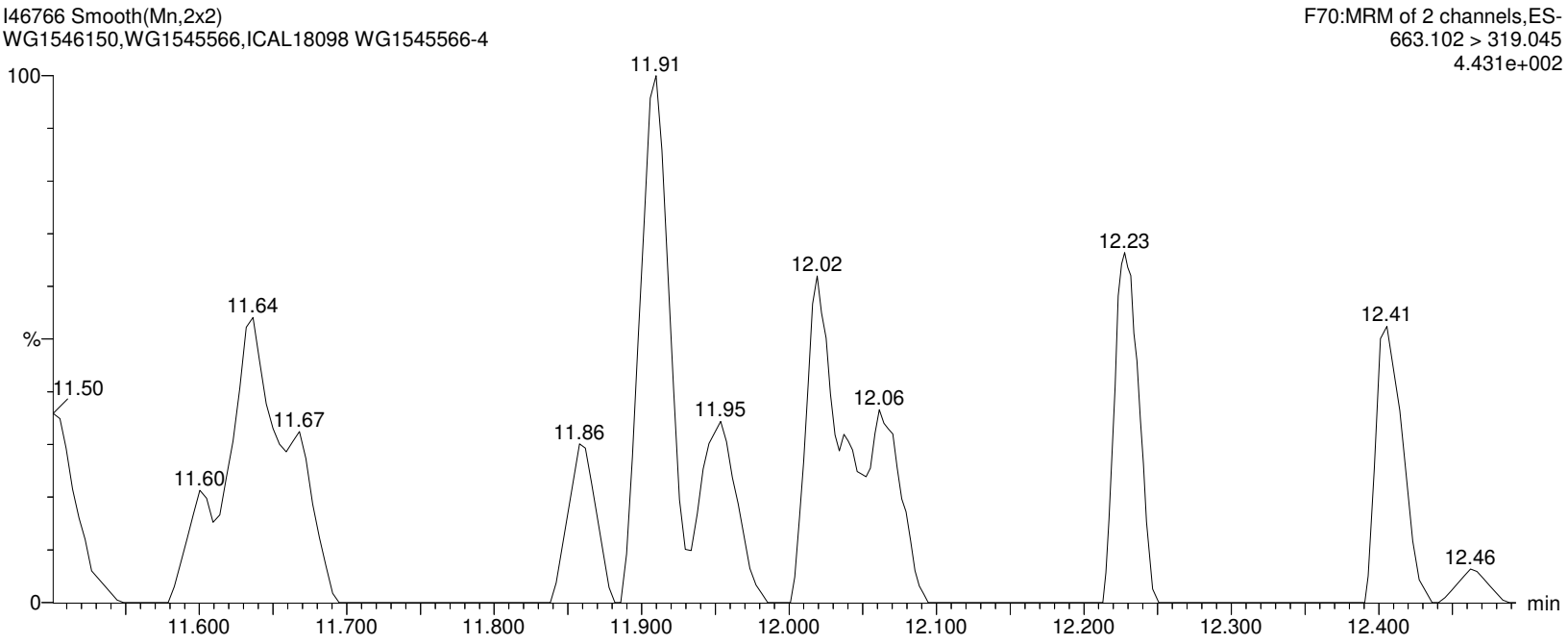
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:00 Eastern Daylight Time

Name: I46766
ID: WG1545566-4
Date: 15-Sep-2021
Time: 05:42:20
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTrDA



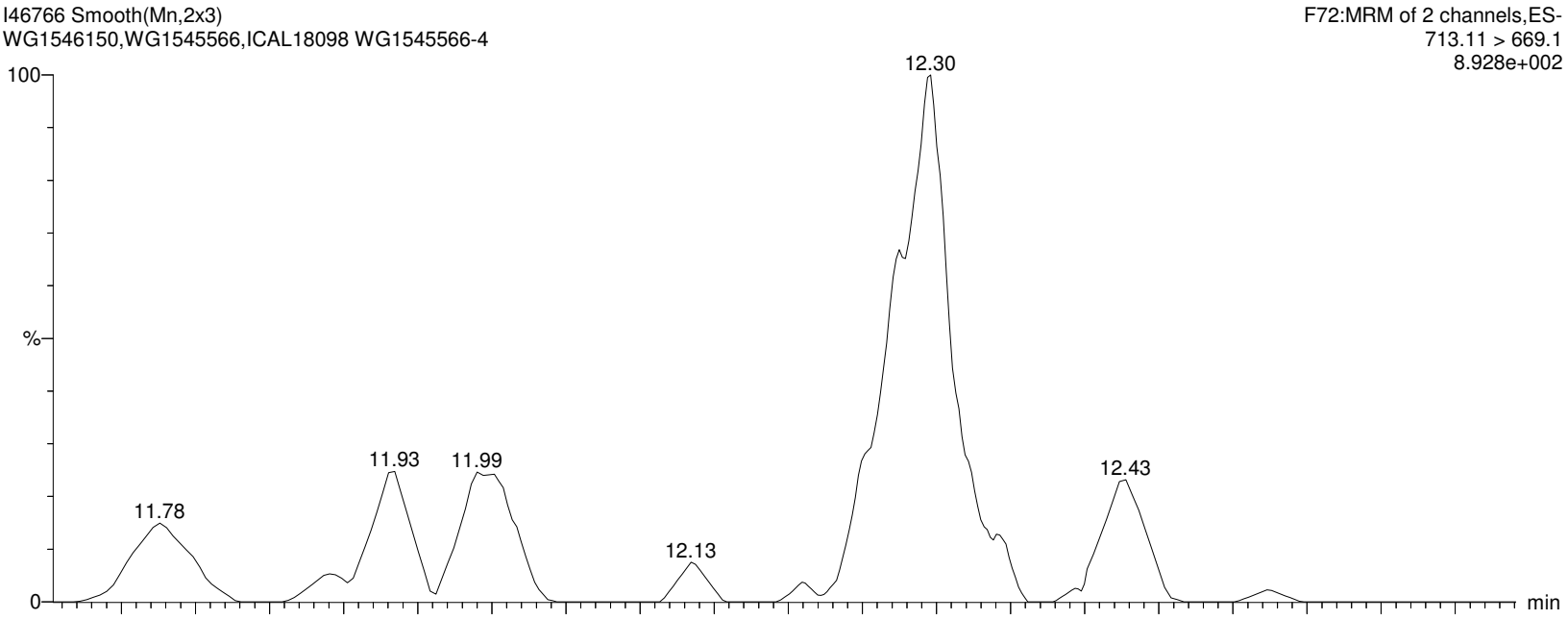


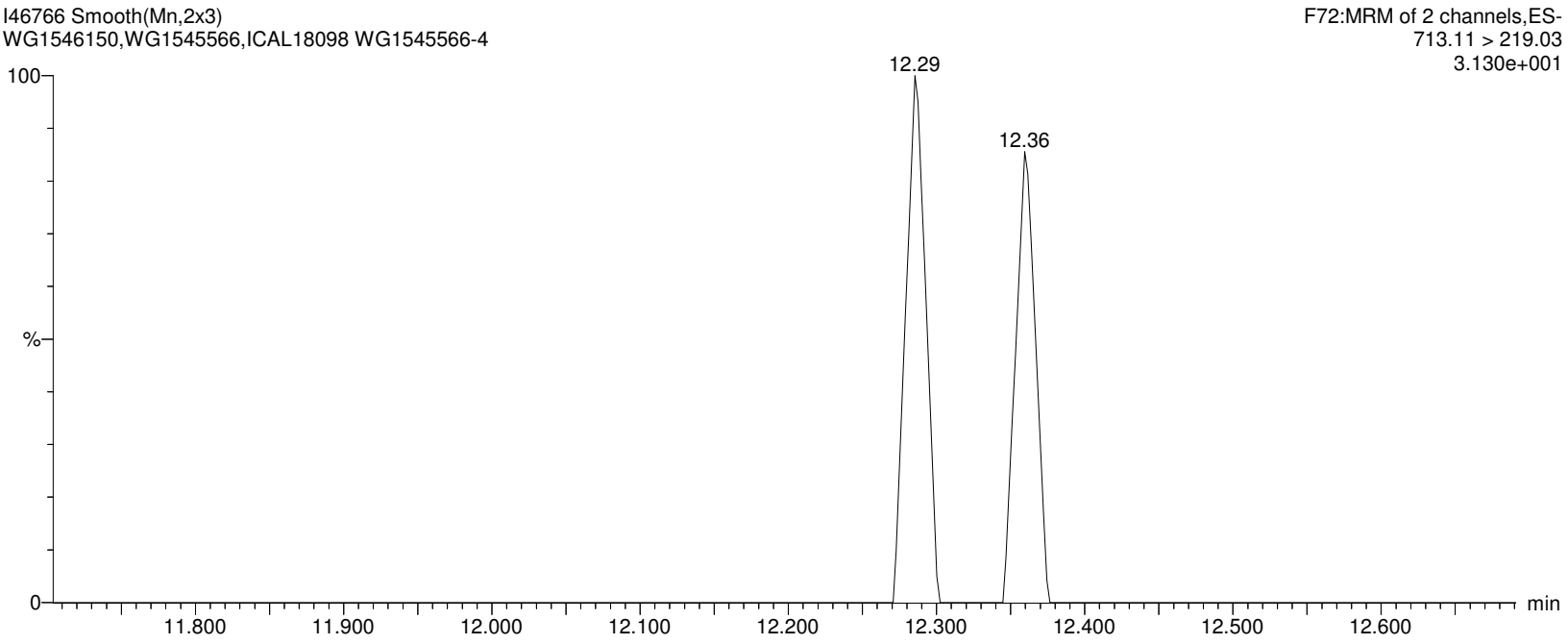
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:00 Eastern Daylight Time

Name: I46766
ID: WG1545566-4
Date: 15-Sep-2021
Time: 05:42:20
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTA



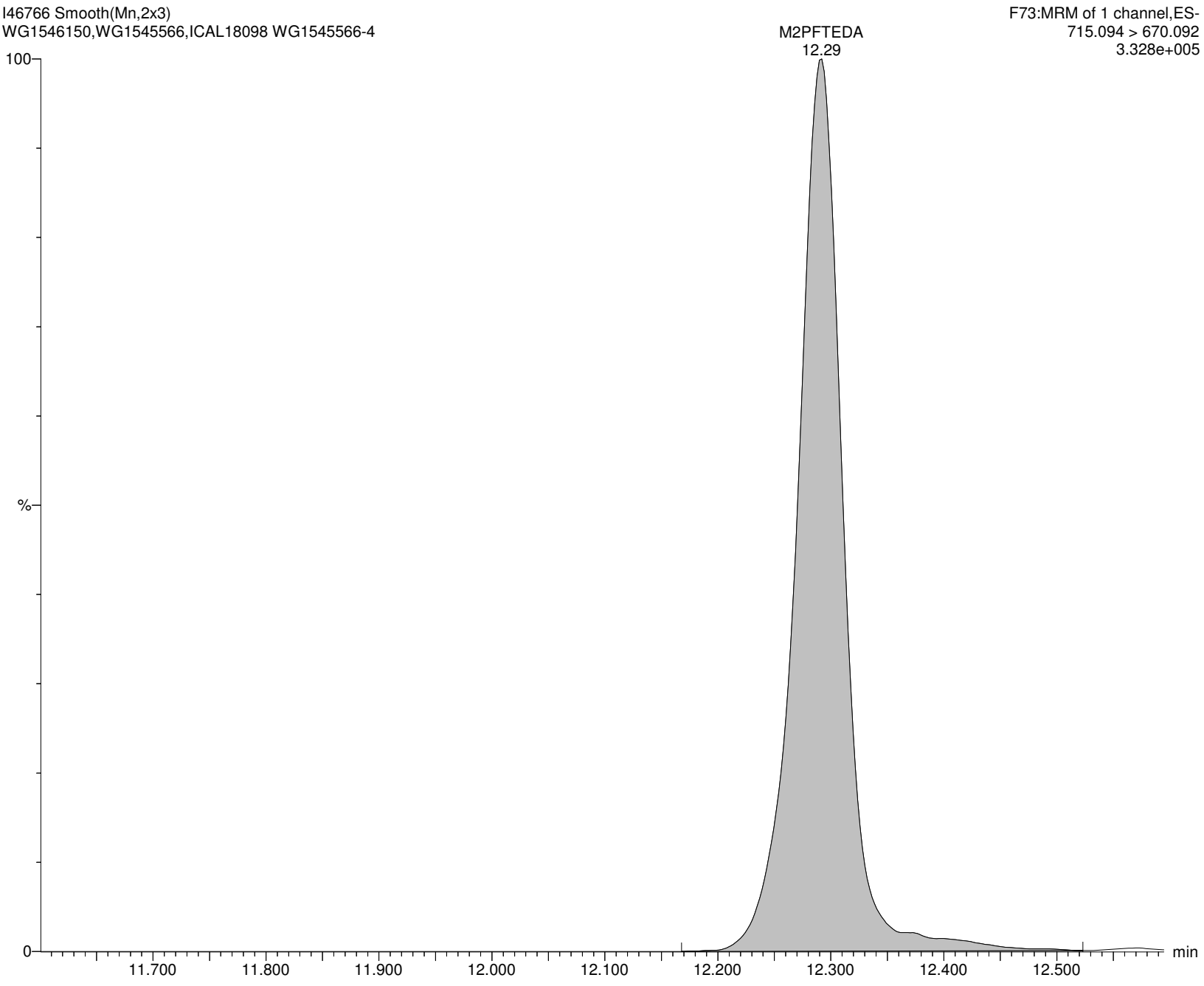


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:50:00 Eastern Daylight Time

Name: I46766
ID: WG1545566-4
Date: 15-Sep-2021
Time: 05:42:20
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,3
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFTEDA



all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:56 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210914_537ISO.PRO\MethDB\537ISO_Q_210625_TOP_RT2.mdb 03 Sep 2021 08:44:20
Calibration: C:\MassLynx\Data\2021\210914_537ISO.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

ID: WG1545566-3
Name: I46764
Date: 15-Sep-2021
Time: 05:09:12
Description: WG1546150,WG1545566,ICAL18098
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:SG
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.09	213.032 > 169.022	37385		9.298		na	
2	M3PFBA	INT STD	2.09	216.009 > 171.999	39199		7.467		na	74.7
3	MPFBA	INT STD	2.08	217.001 > 171.999	45177		10.719		na	107.2
4	PFPeA	2706-90-3	4.98	263.039 > 219.03	39241		9.235		na	
5	M5PFPEA	INT STD	4.98	268.001 > 222.999	45157		9.764		na	97.6
6	PFBS	375-73-5	5.63	299.092 > 80.062	9054		8.345	1.95	NO	
7	M3PFBS	INT STD	5.63	302.069 > 80.062	9986		8.962		na	89.6
8	4:2FTS	757124-72-4	6.80	327.146 > 307.139	8321		10.026	2.64	NO	
9	M2-4:2FTS	INT STD	6.80	329.13 > 309.124	8726		19.544		na	195.4
10	PFHxA	307-24-4	6.88	313.047 > 269.037	53826		9.379	16.31	NO	
11	M5PFHxA	INT STD	6.88	318.009 > 273.007	54086		9.660		na	96.6
12	PFPeS	2706-91-4	7.20	349.1 > 80.062	9884		8.910	2.26	NO	
13	PFHpA	375-85-9	8.15	363.055 > 319.045	80965		9.511	5.43	NO	
14	M4PFHpA	INT STD	8.15	367.025 > 322.022	84132		10.079		na	100.8
15	br-PFHxS	355-46-4	8.08	399.107 > 80.062	1882	M5,M7	1.748	1.98	NO	
16	L-PFHxS	355-46-4	8.31	399.107 > 80.062	9217		6.724	1.65	NO	
17	PFHxS	355-46-4		399.107 > 80.062	11099		8.472		na	
18	M3PFHxS	INT STD	8.31	402.084 > 80.062	12563		9.942		na	99.4
19	br-PFOA	335-67-1	8.87	413.063 > 369.053	829	M5,M7	0.090	3.59	NO	
20	L-PFOA	335-67-1	9.10	413.063 > 369.053	91243		9.907	8.45	NO	
21	PFOA	335-67-1		413.063 > 369.053	92072		9.997		na	
22	M8PFOA	INT STD	9.09	421.002 > 376.	95574		10.281		na	102.8
23	M2PFOA	INT STD	9.09	415.048 > 370.045	91562		8.645		na	86.5
24	6:2FTS	27619-97-2	9.05	427.161 > 407.155	7476		10.227	3.86	NO	
25	M2-6:2FTS	INT STD	9.06	429.146 > 409.14	7625		16.634		na	166.3
26	PFHpS	375-92-8	9.19	449.115 > 80.062	7171		8.486	1.07	NO	
27	PFNA	375-95-1	9.85	463.071 > 419.061	65339		9.637	3.64	NO	
28	M9PFNA	INT STD	9.85	472.002 > 427.	27142		10.165		na	101.6
29	br-PFOS	1763-23-1	9.65	499.123 > 80.062	3588	M5,M7	2.726	3.52	NO	
30	L-PFOS	1763-23-1	9.90	499.123 > 80.062	9068		8.660	1.70	NO	
31	PFOS	1763-23-1		499.123 > 80.062	12656		11.386		na	
32	M4PFOS	INT STD	9.91	503.093 > 80.062	10099		8.923		na	89.2
33	M8PFOS	INT STD	9.91	507.062 > 80.062	11795		10.423		na	104.2
34	PFDA	335-76-2	10.48	513.078 > 469.069	60976		9.650	5.51	NO	
35	M2PFDA	INT STD	10.48	515.053 > 469.934	53127		8.709		na	87.1
36	M6PFDA	INT STD	10.48	519.033 > 474.03	63501		10.530		na	105.3
37	8:2FTS	39108-34-4	10.48	527.177 > 507.171	2707		9.752	5.08	NO	
38	M2-8:2FTS	INT STD	10.47	529.162 > 509.155	4404		13.069		na	130.7
39	PFNS	68259-12-1	10.51	549.131 > 80.062	8198		8.997	1.53	NO	

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:56 Eastern Daylight Time

ID: WG1545566-3
Name: I46764
Date: 15-Sep-2021
Time: 05:09:12
Description: WG1546150,WG1545566,ICAL18098
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:SG
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.87	573.22 > 419.061	4221		7.428		na	74.3
41	br-NMeFOSAA		10.72	570.202 > 419.061	446	M5,M7	2.705	1.80	NO	
42	L-NMeFOSAA		10.88	570.202 > 419.061	3583		7.792	3.83	NO	
43	NMeFOSAA	2355-31-9		570.202 > 419.061	4030		10.496		na	
44	PFUnA	2058-94-8	11.03	563.086 > 519.076	55805		9.959	9.78	NO	
45	M7-PFUDA	INT STD	11.03	570.033 > 525.031	55551		9.878		na	98.8
46	PFDS	335-77-3	11.04	599.139 > 80.062	8540		8.722	1.58	NO	
47	FOSA	754-91-6	10.97	498.146 > 78.07	12609	M7	9.539	108.57	NO	
48	M8FOSA	INT STD	10.96	506.077 > 78.07	15440		4.729		na	47.3
49	br-NEtFOSAA		11.03	584.229 > 419.061	273	M5,M7	1.887	0.57	NO	
50	L-NEtFOSAA		11.18	584.229 > 419.061	3088		7.198	1.14	NO	
51	NEtFOSAA	2991-50-6		584.229 > 419.061	3361		9.085		na	
52	d5-NEtFOSAA	INT STD	11.17	589.259 > 419.061	4348		9.258		na	92.6
53	PFDoA	307-55-1	11.51	613.094 > 569.084	48145		9.225	19.91	NO	
54	MPFDOA	INT STD	11.50	615.079 > 570.077	49699		9.160		na	91.6
55	PFTrDA	72629-94-8	11.93	663.102 > 619.092	39682		11.078	10.93	NO	
56	PFTA	376-06-7	12.29	713.11 > 669.1	24325		9.982	8.41	NO	
57	M2PFTEDA	INT STD	12.29	715.094 > 670.092	12516		7.355		na	73.5

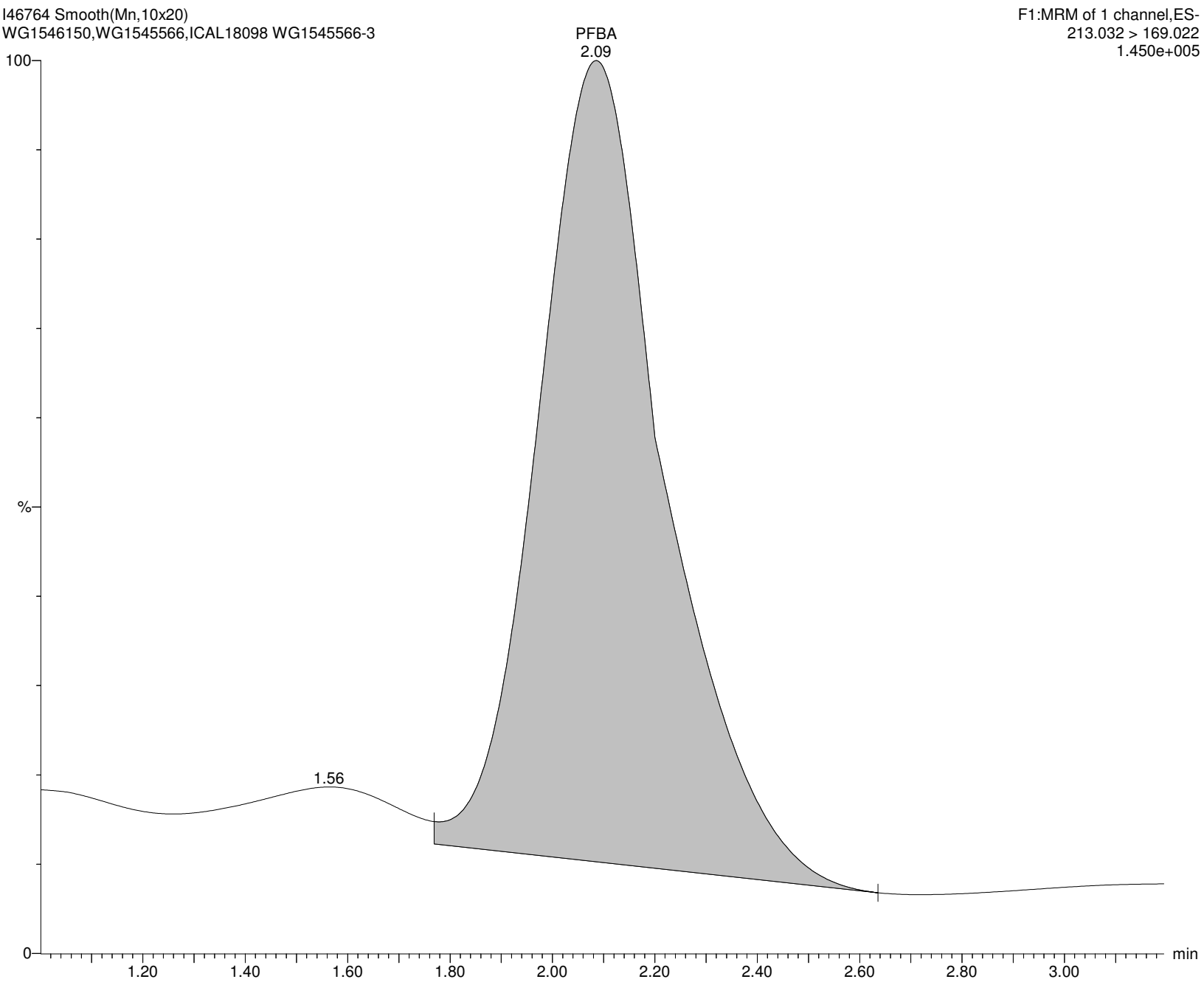
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:56 Eastern Daylight Time

Method: C:\MassLynx\Data\2021\210914_537ISO.PRO\MethDB\537ISO_Q_210625_TOP_RT2.mdb 03 Sep 2021 08:44:20
Calibration: C:\MassLynx\Data\2021\210914_537ISO.PRO\CurveDB\210625_ISO_ICAL.cdb 28 Jun 2021 09:25:42

Name: I46764
ID: WG1545566-3
Date: 15-Sep-2021
Time: 05:09:12
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBA

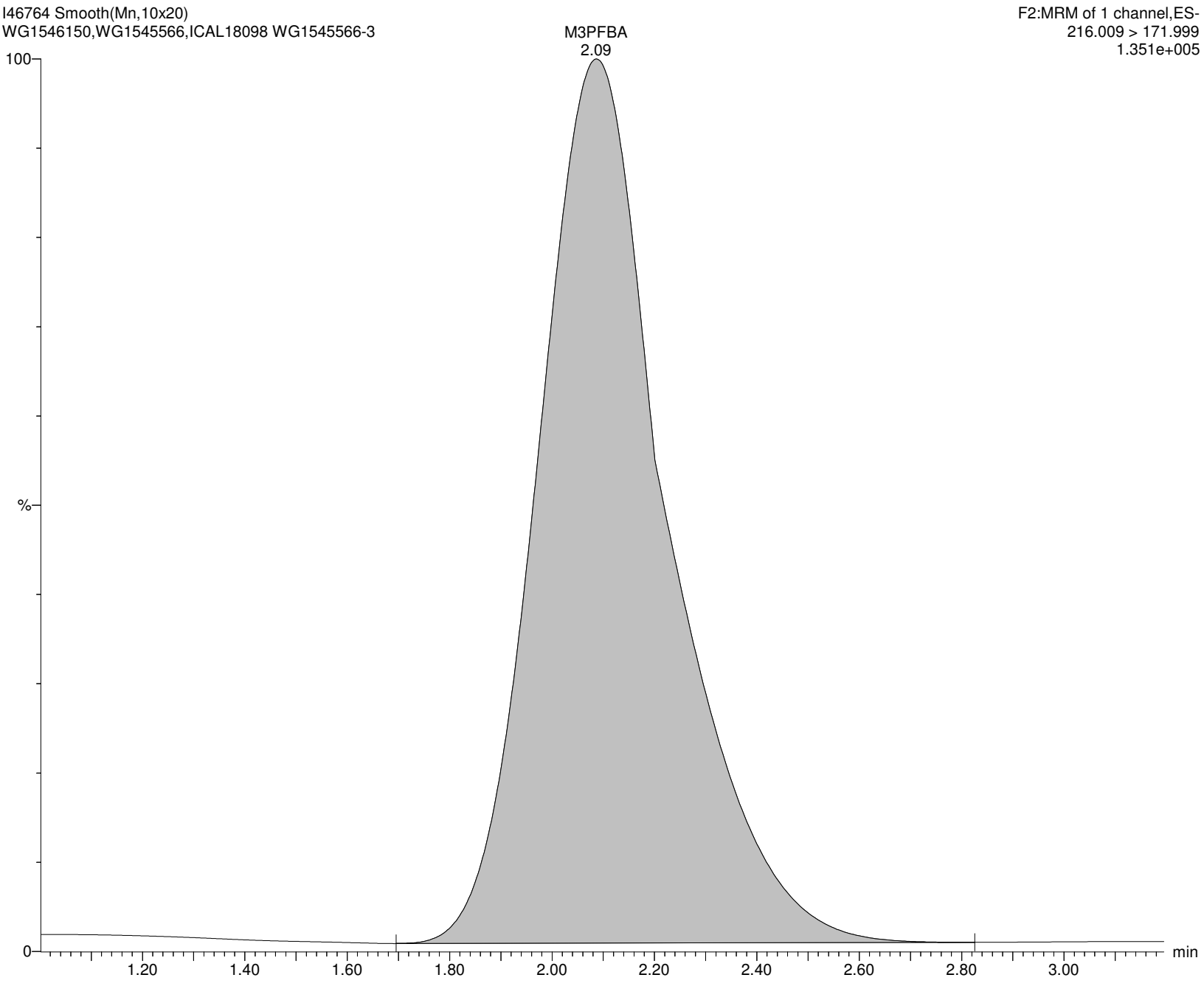


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:56 Eastern Daylight Time

Name: I46764
ID: WG1545566-3
Date: 15-Sep-2021
Time: 05:09:12
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBA

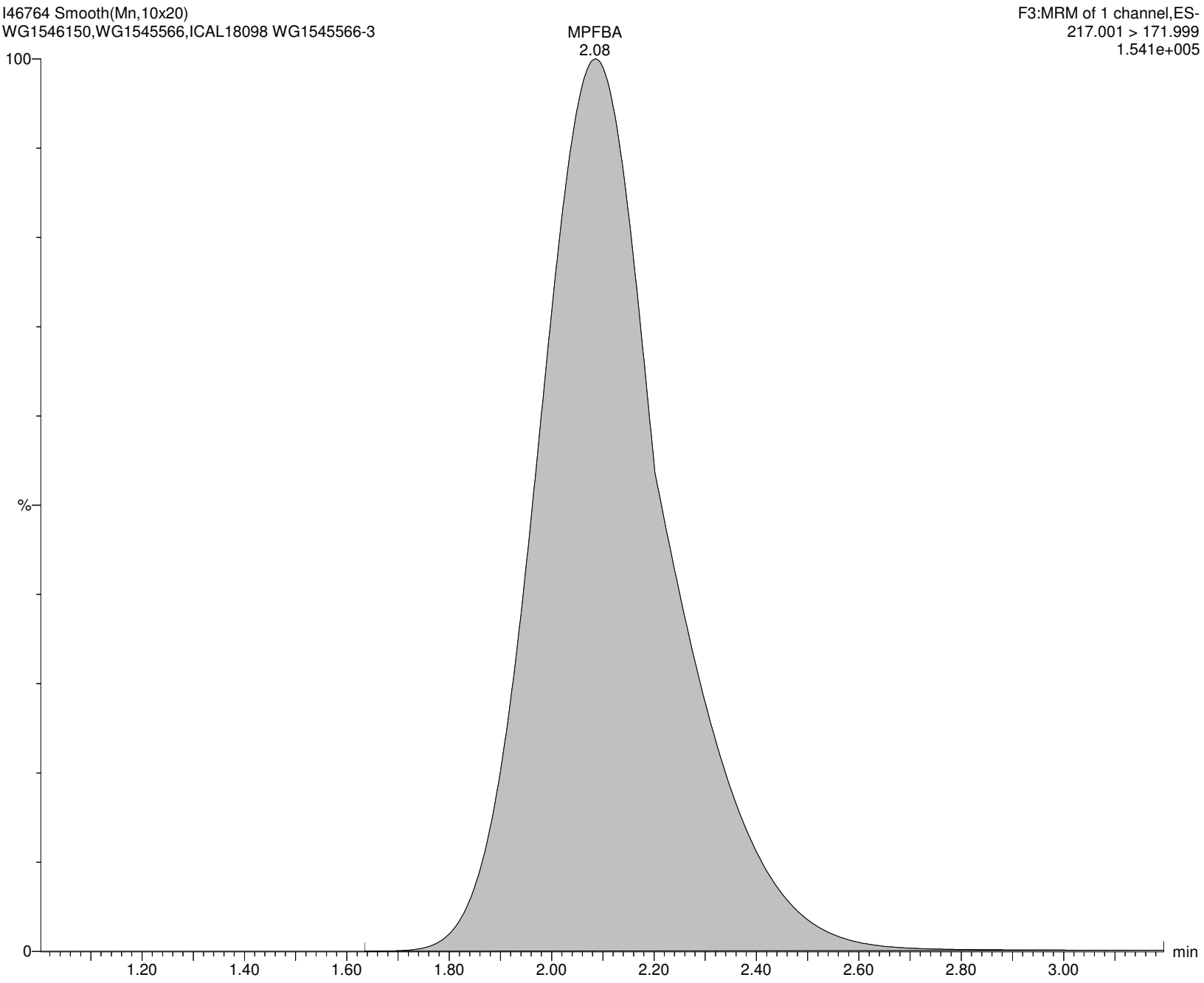


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:56 Eastern Daylight Time

Name: I46764
ID: WG1545566-3
Date: 15-Sep-2021
Time: 05:09:12
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFBA

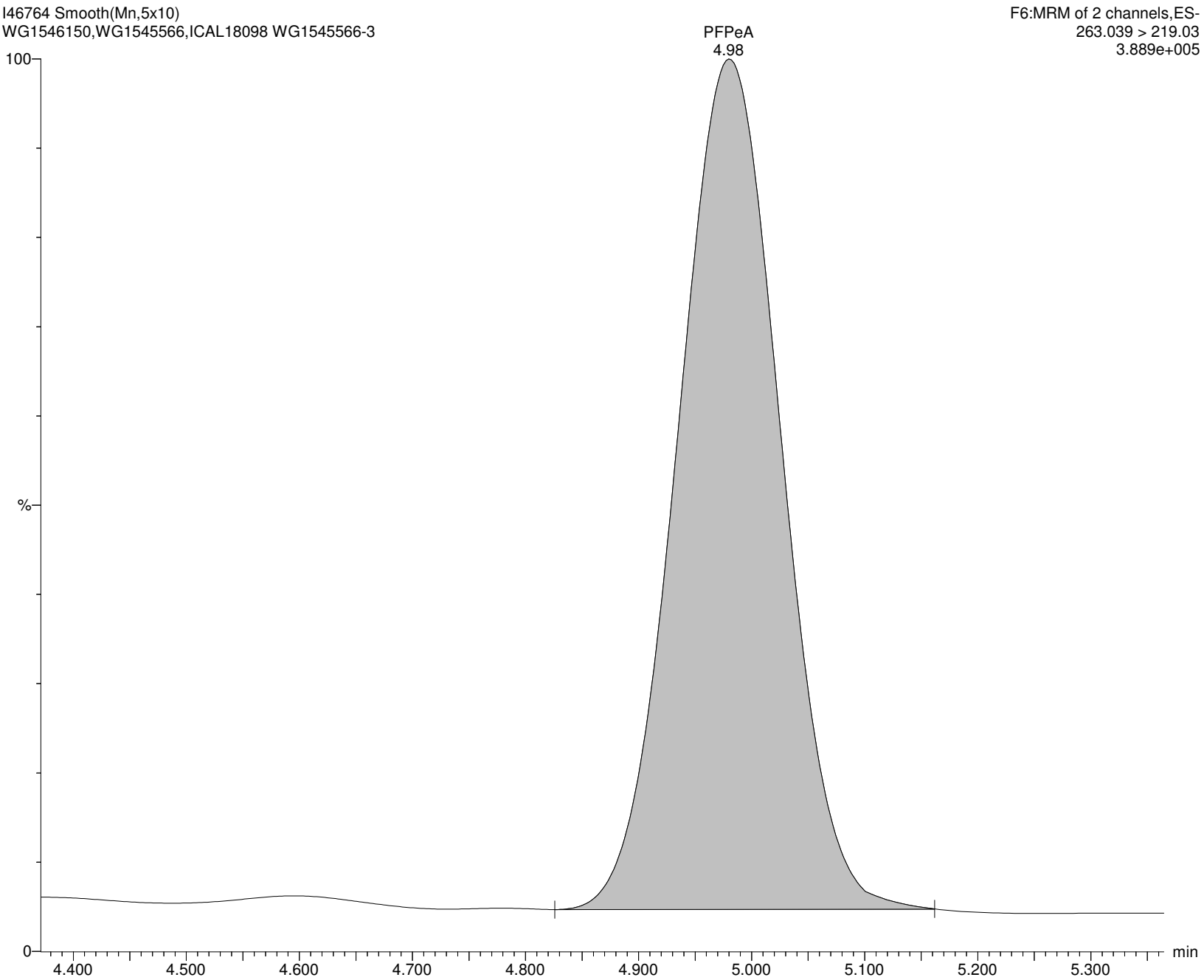


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:56 Eastern Daylight Time

Name: I46764
ID: WG1545566-3
Date: 15-Sep-2021
Time: 05:09:12
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeA

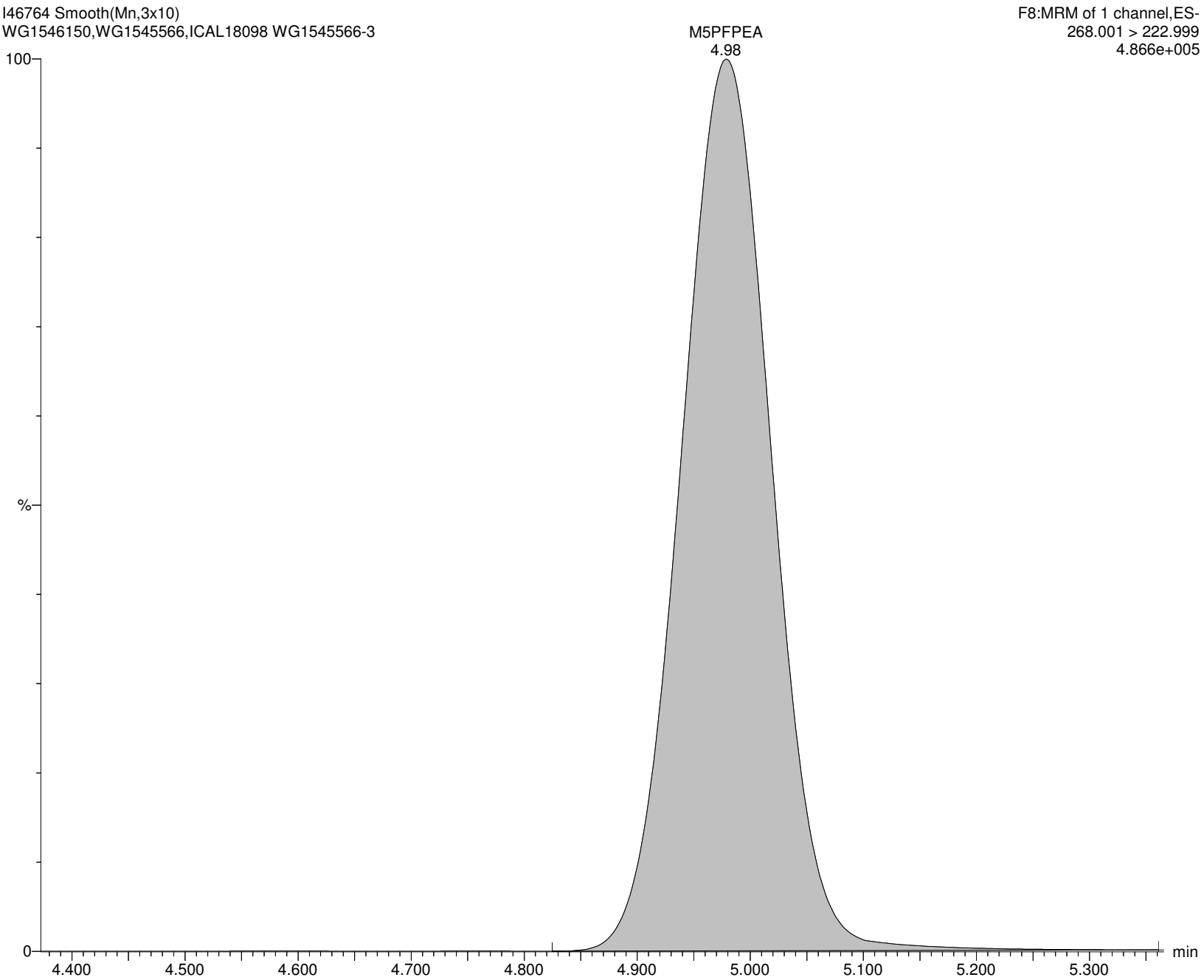


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:56 Eastern Daylight Time

Name: I46764
ID: WG1545566-3
Date: 15-Sep-2021
Time: 05:09:12
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFPEA

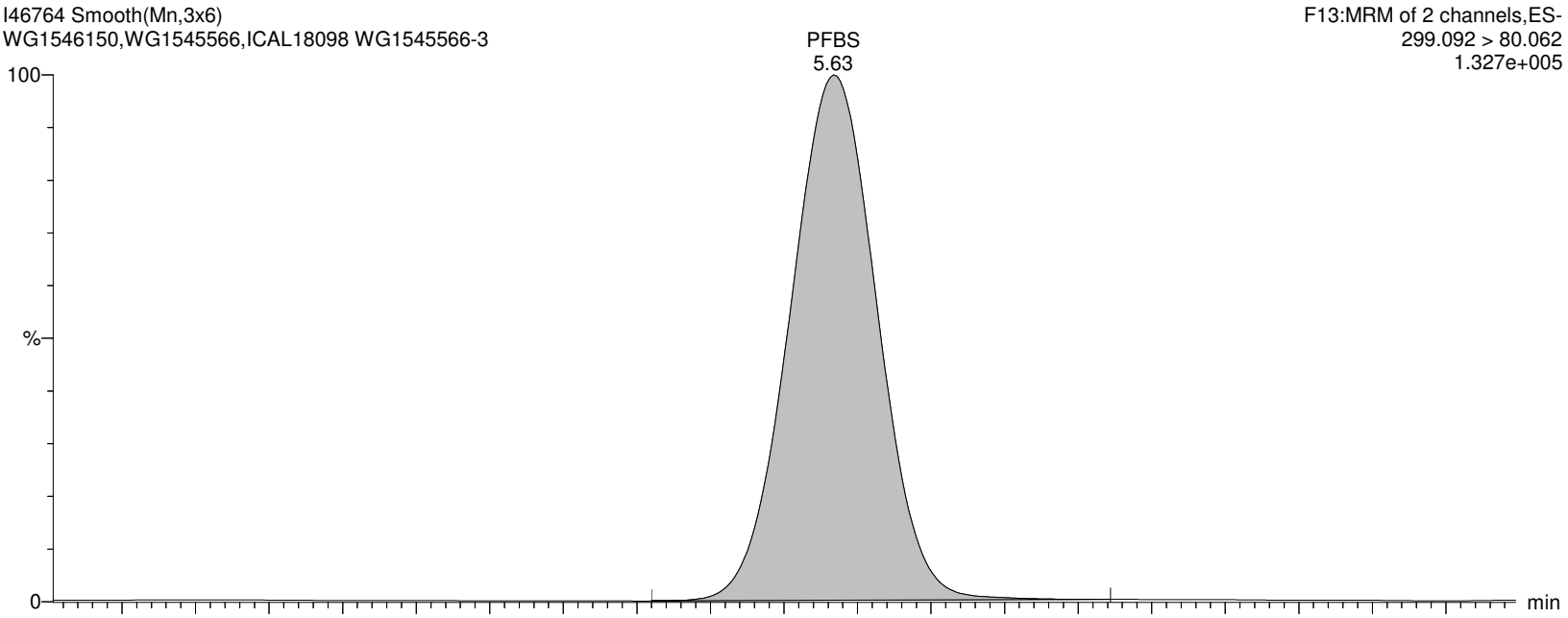


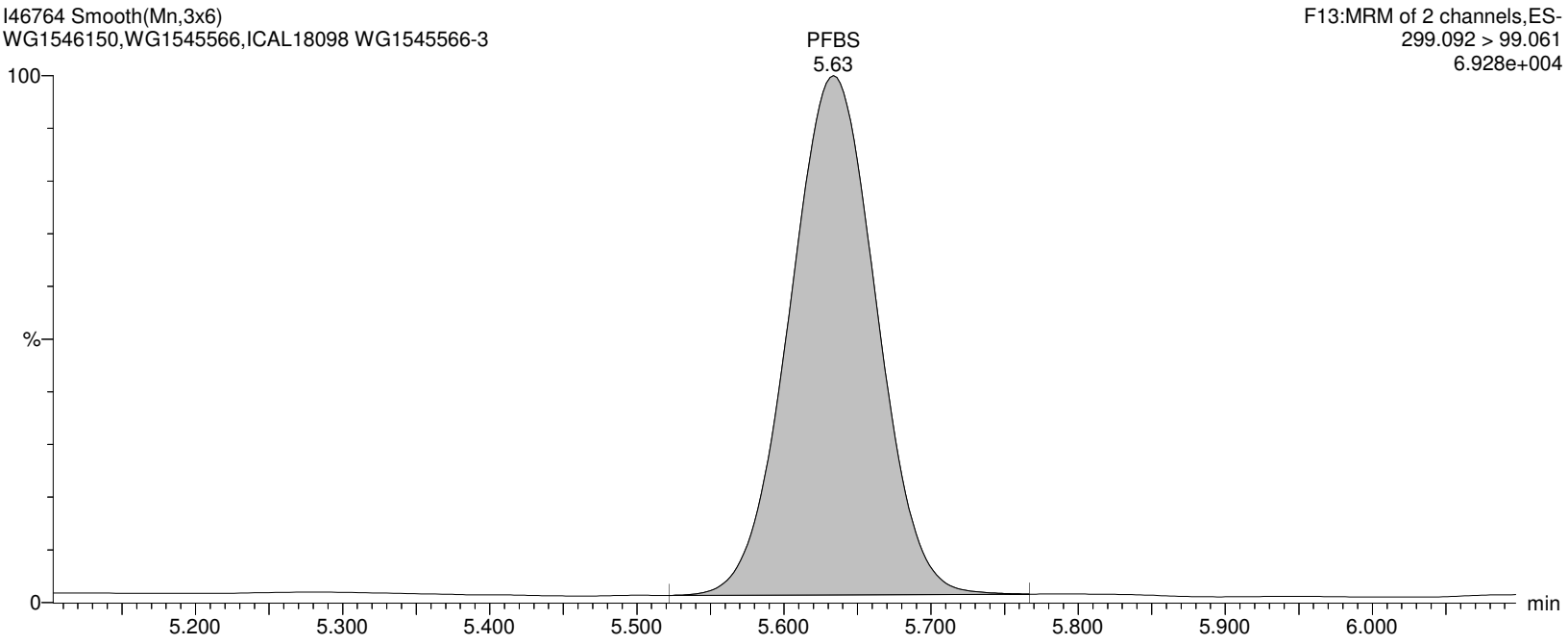
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:56 Eastern Daylight Time

Name: I46764
ID: WG1545566-3
Date: 15-Sep-2021
Time: 05:09:12
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFBS



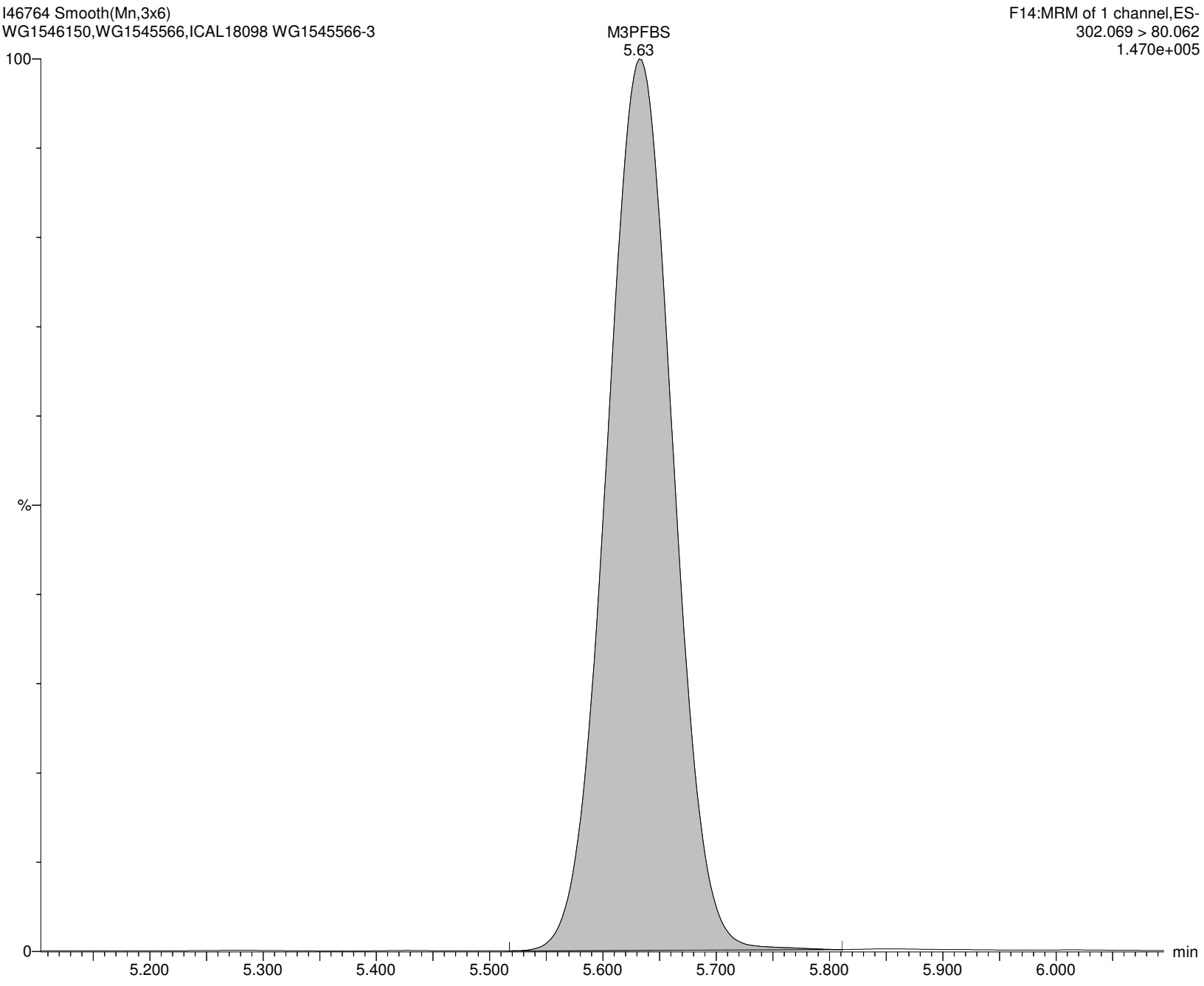


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:56 Eastern Daylight Time

Name: I46764
ID: WG1545566-3
Date: 15-Sep-2021
Time: 05:09:12
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFBS

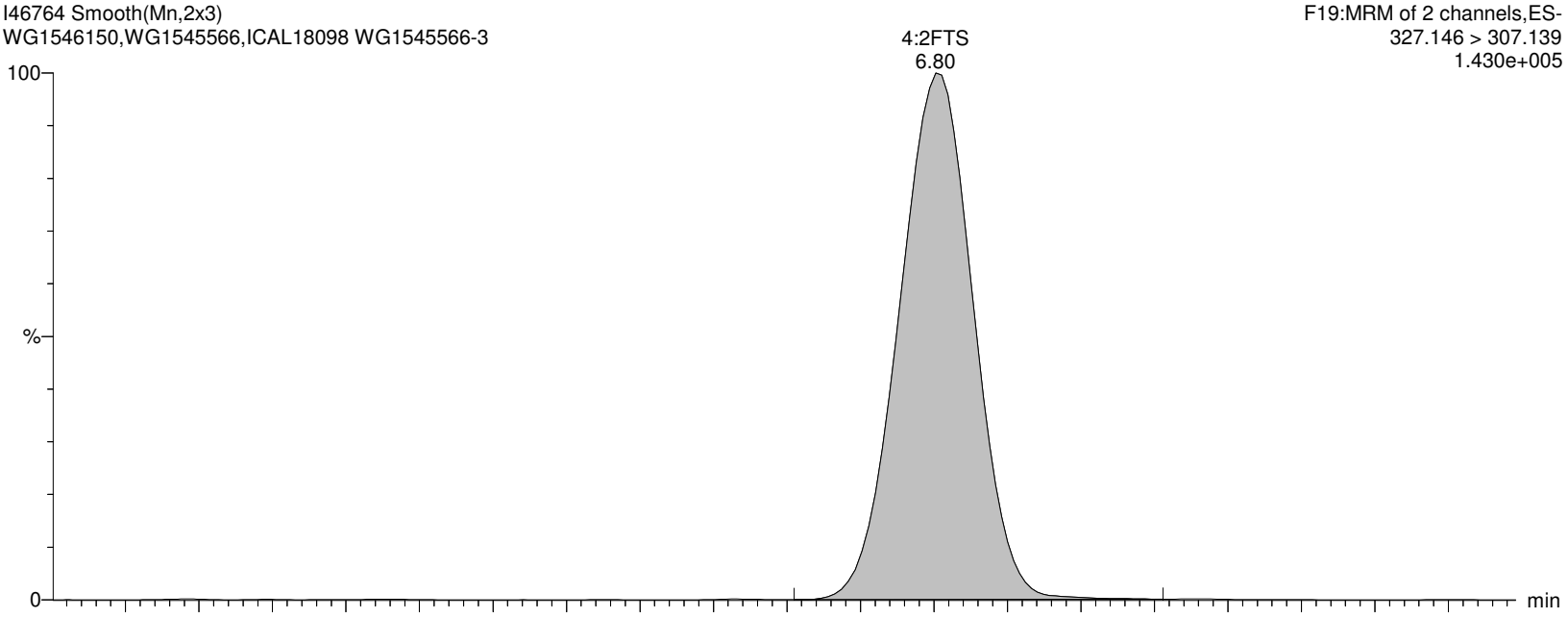


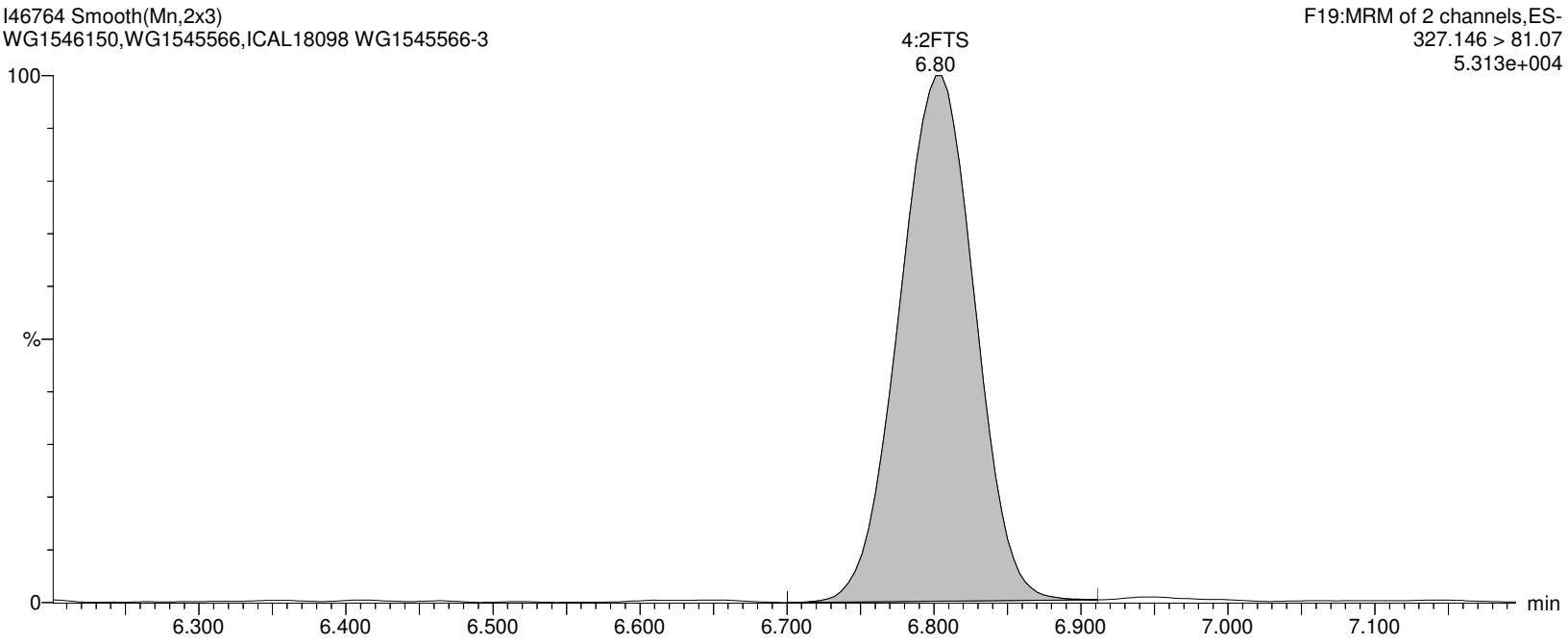
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:56 Eastern Daylight Time

Name: I46764
ID: WG1545566-3
Date: 15-Sep-2021
Time: 05:09:12
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

4:2FTS



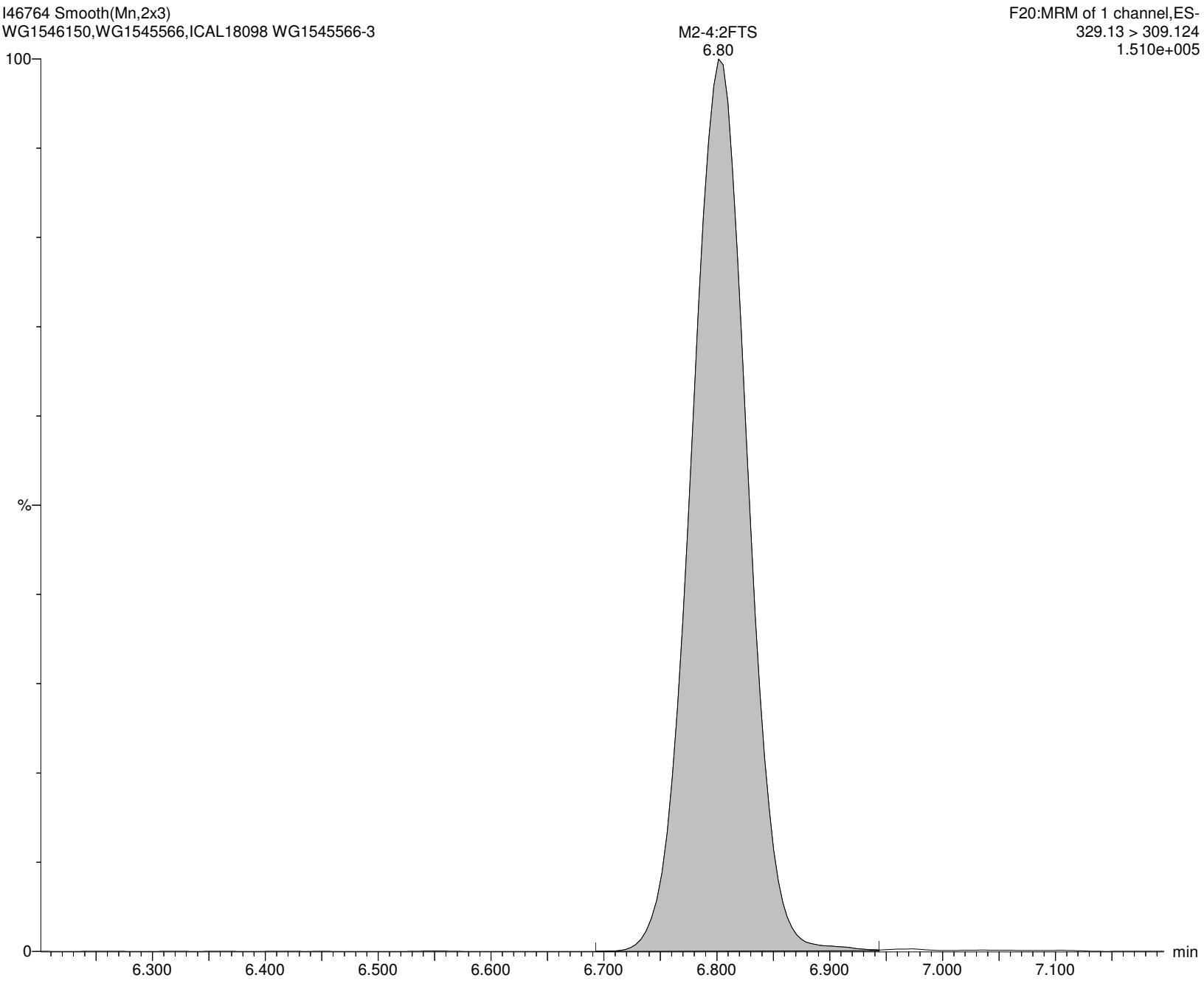


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:56 Eastern Daylight Time

Name: I46764
ID: WG1545566-3
Date: 15-Sep-2021
Time: 05:09:12
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-4:2FTS

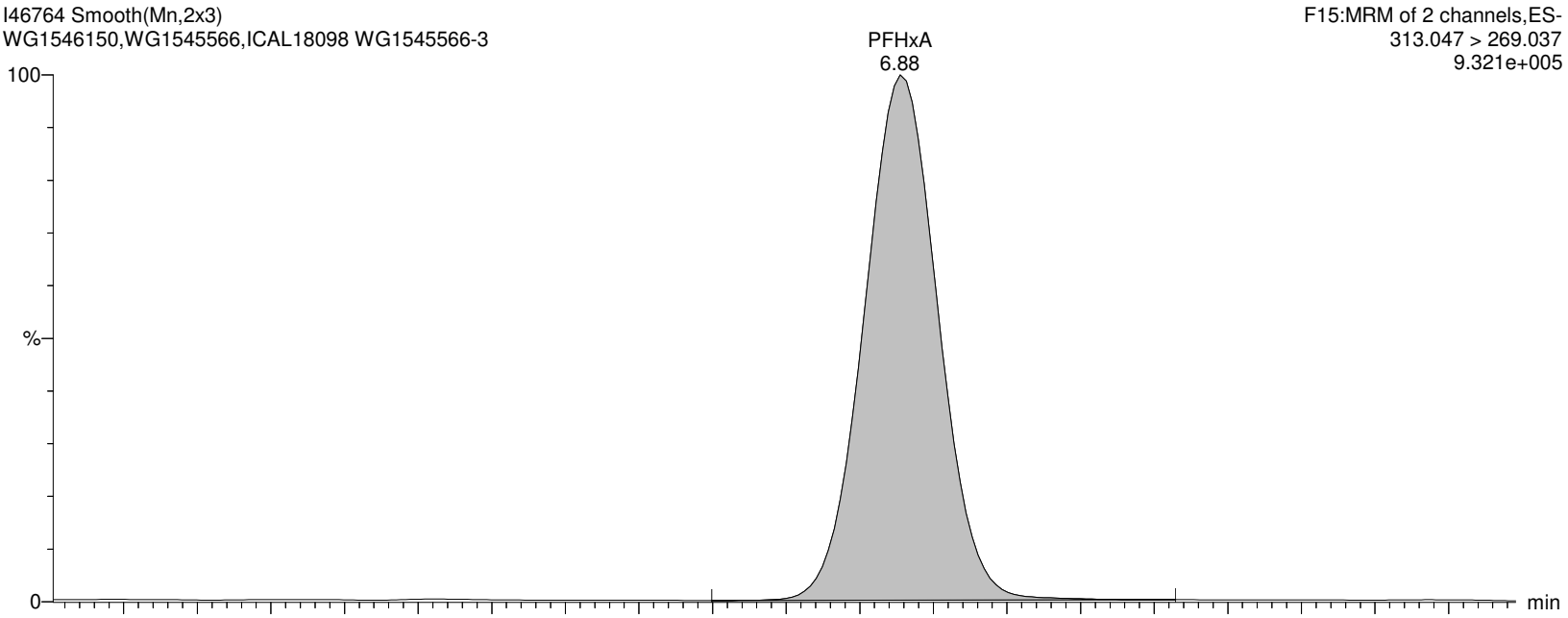


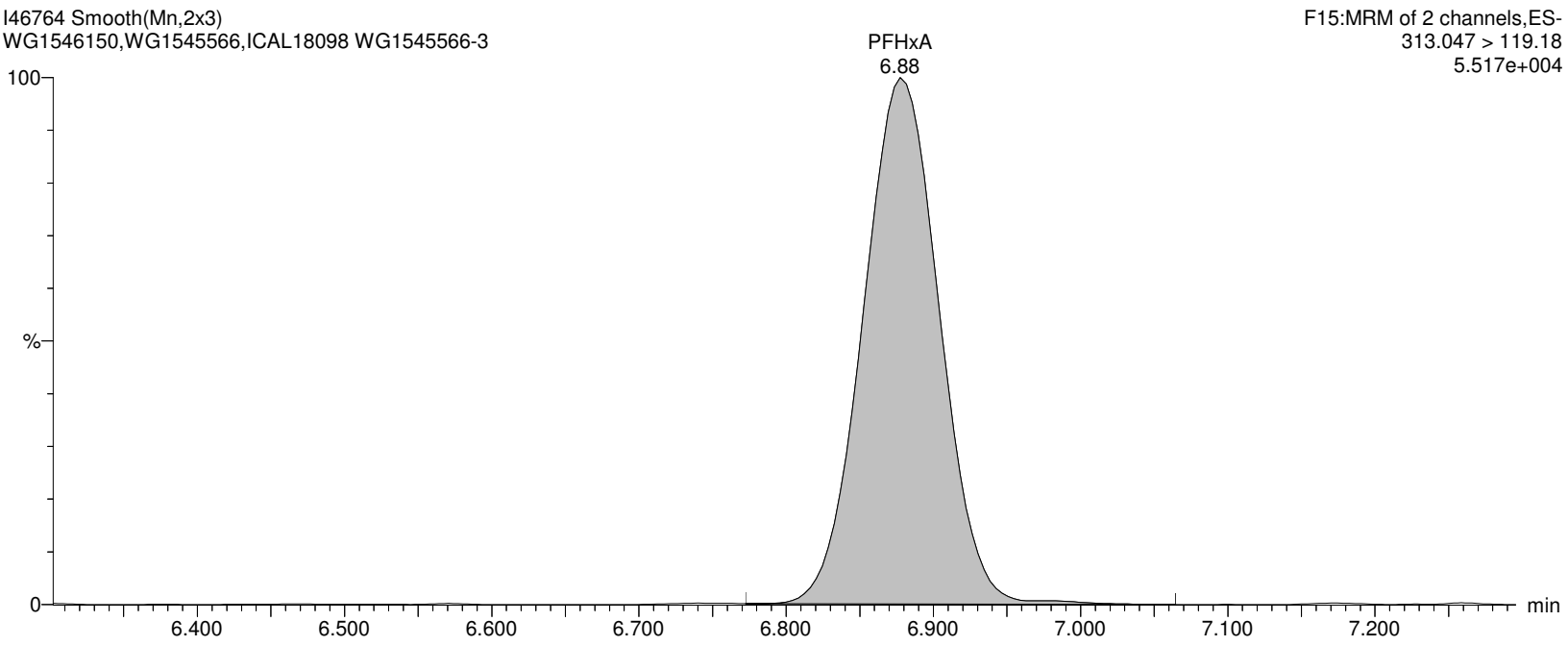
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:56 Eastern Daylight Time

Name: I46764
ID: WG1545566-3
Date: 15-Sep-2021
Time: 05:09:12
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxA



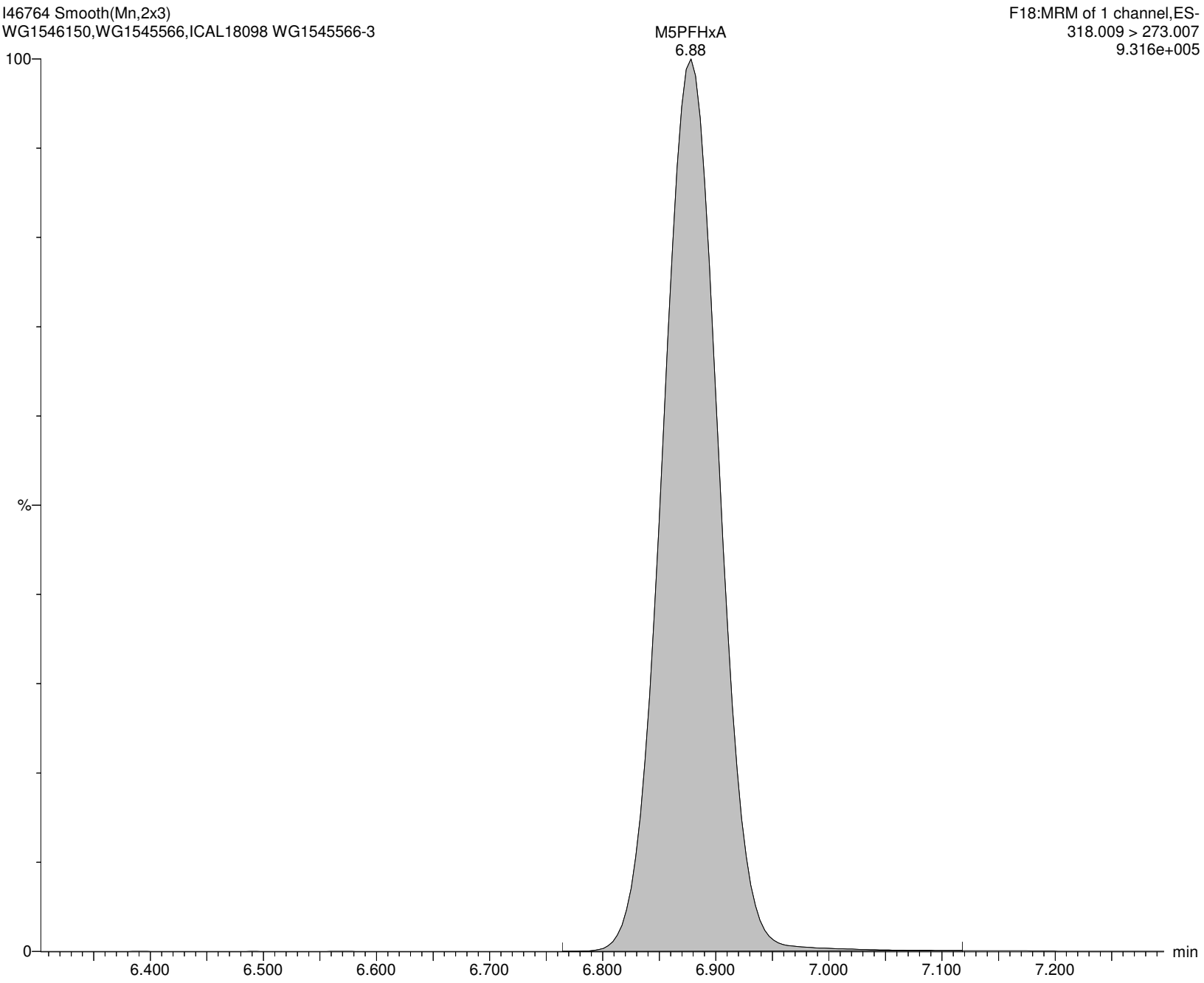


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:56 Eastern Daylight Time

Name: I46764
ID: WG1545566-3
Date: 15-Sep-2021
Time: 05:09:12
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M5PFHxA

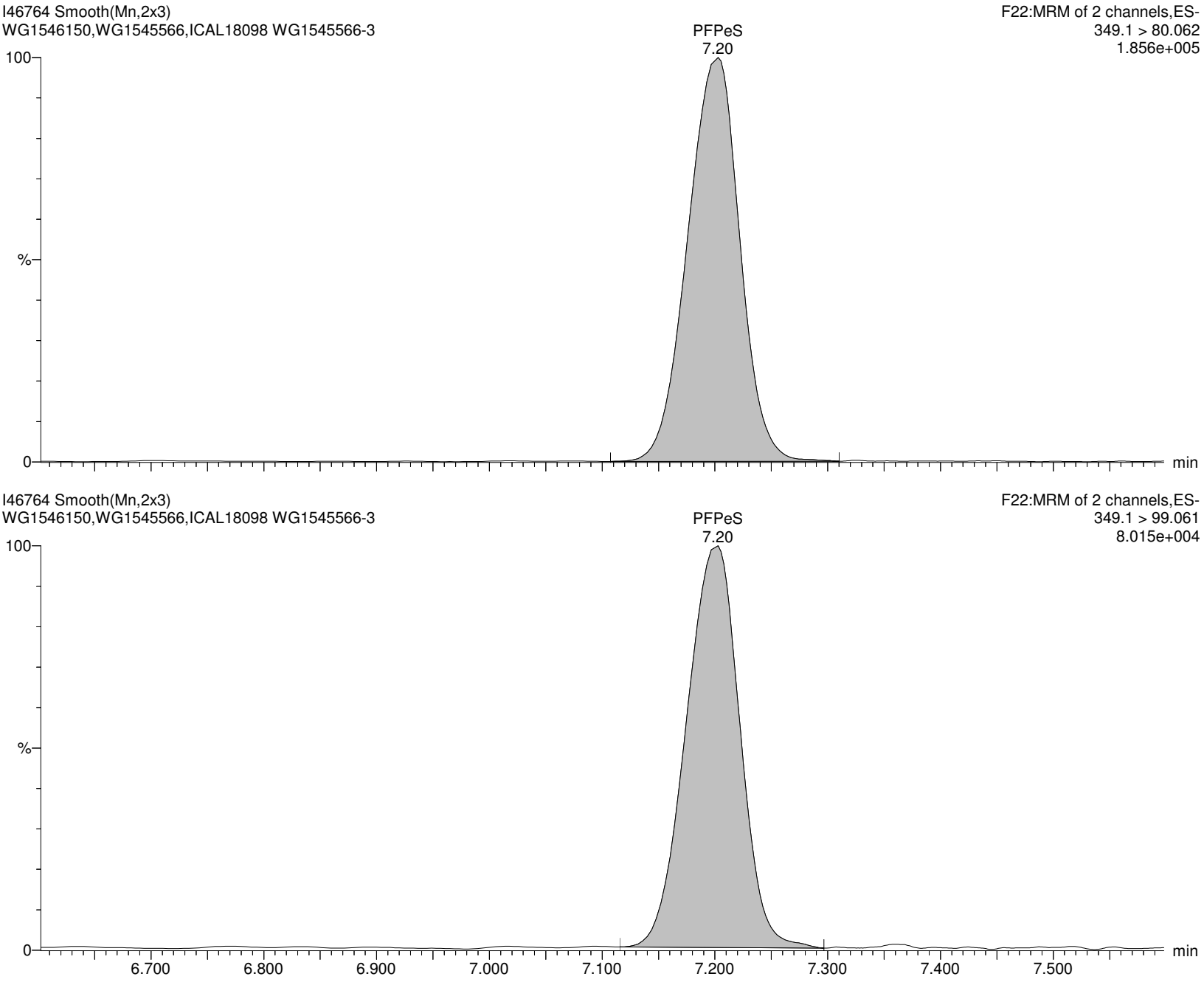


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:56 Eastern Daylight Time

Name: I46764
ID: WG1545566-3
Date: 15-Sep-2021
Time: 05:09:12
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFPeS

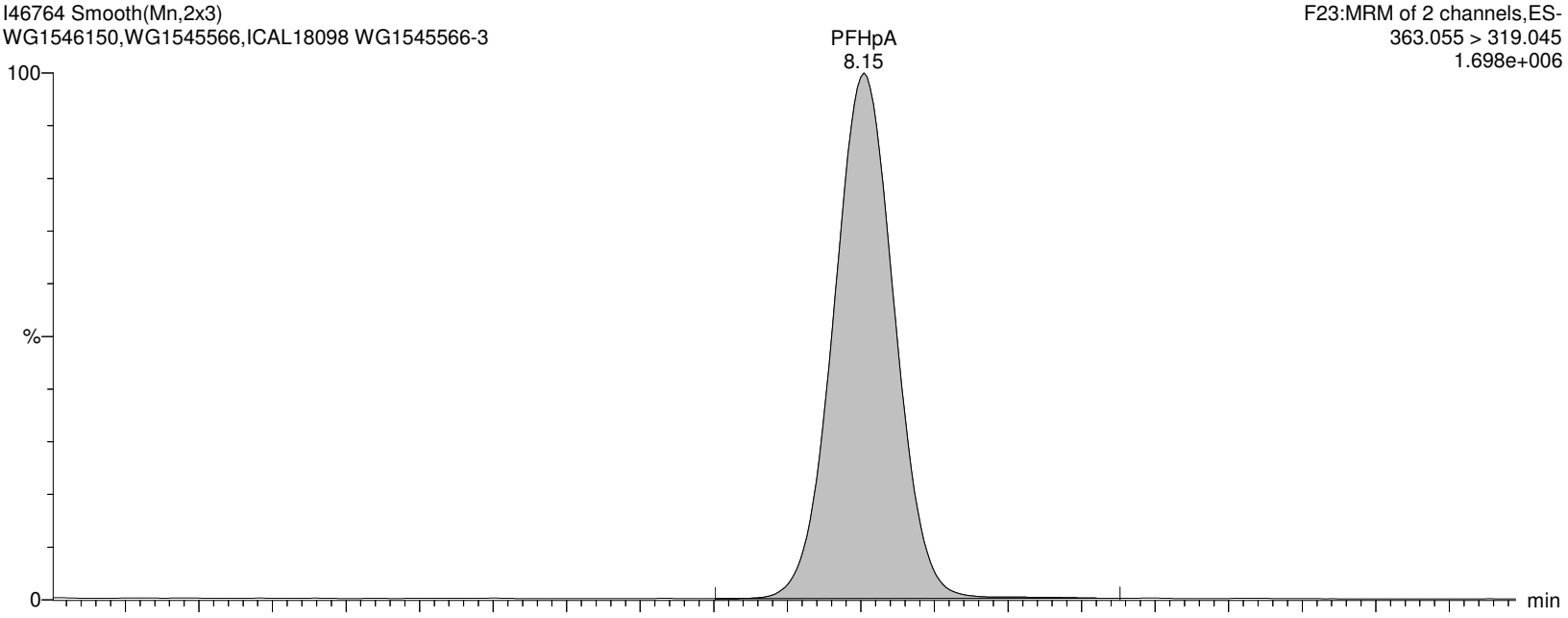


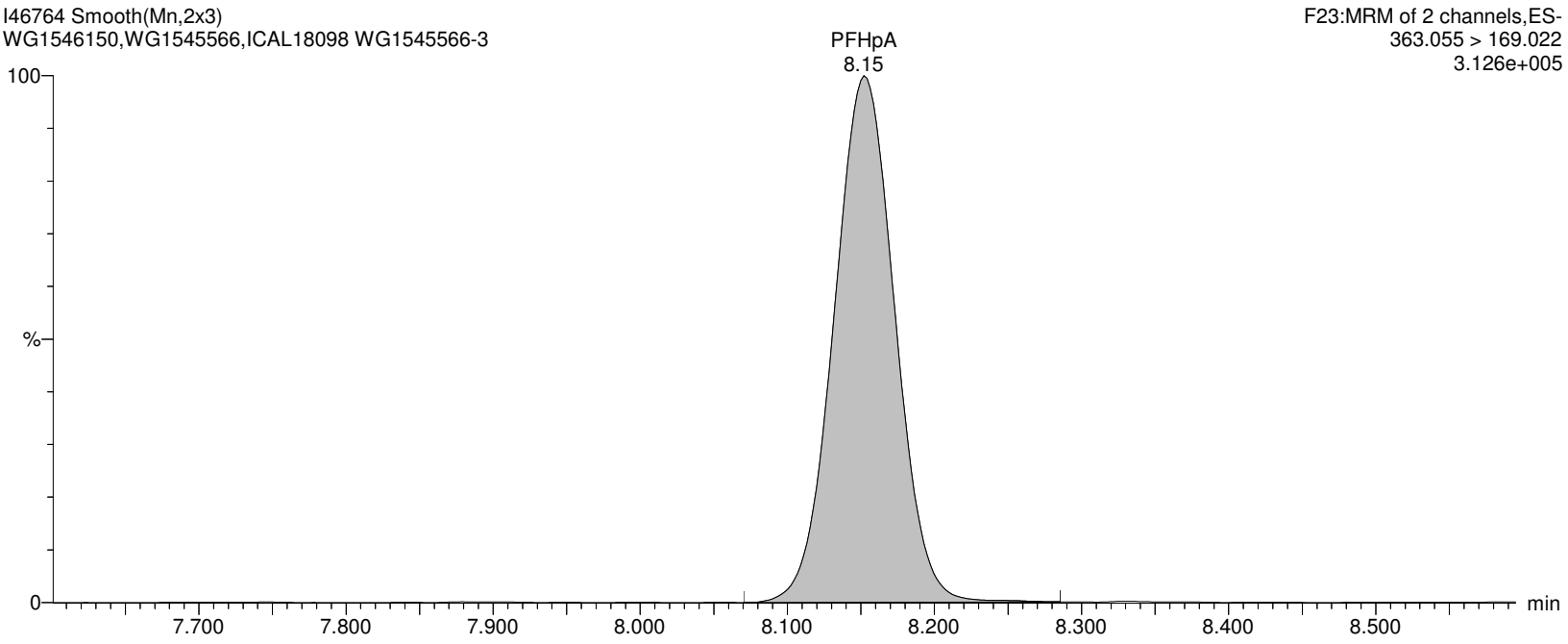
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:56 Eastern Daylight Time

Name: I46764
ID: WG1545566-3
Date: 15-Sep-2021
Time: 05:09:12
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpA



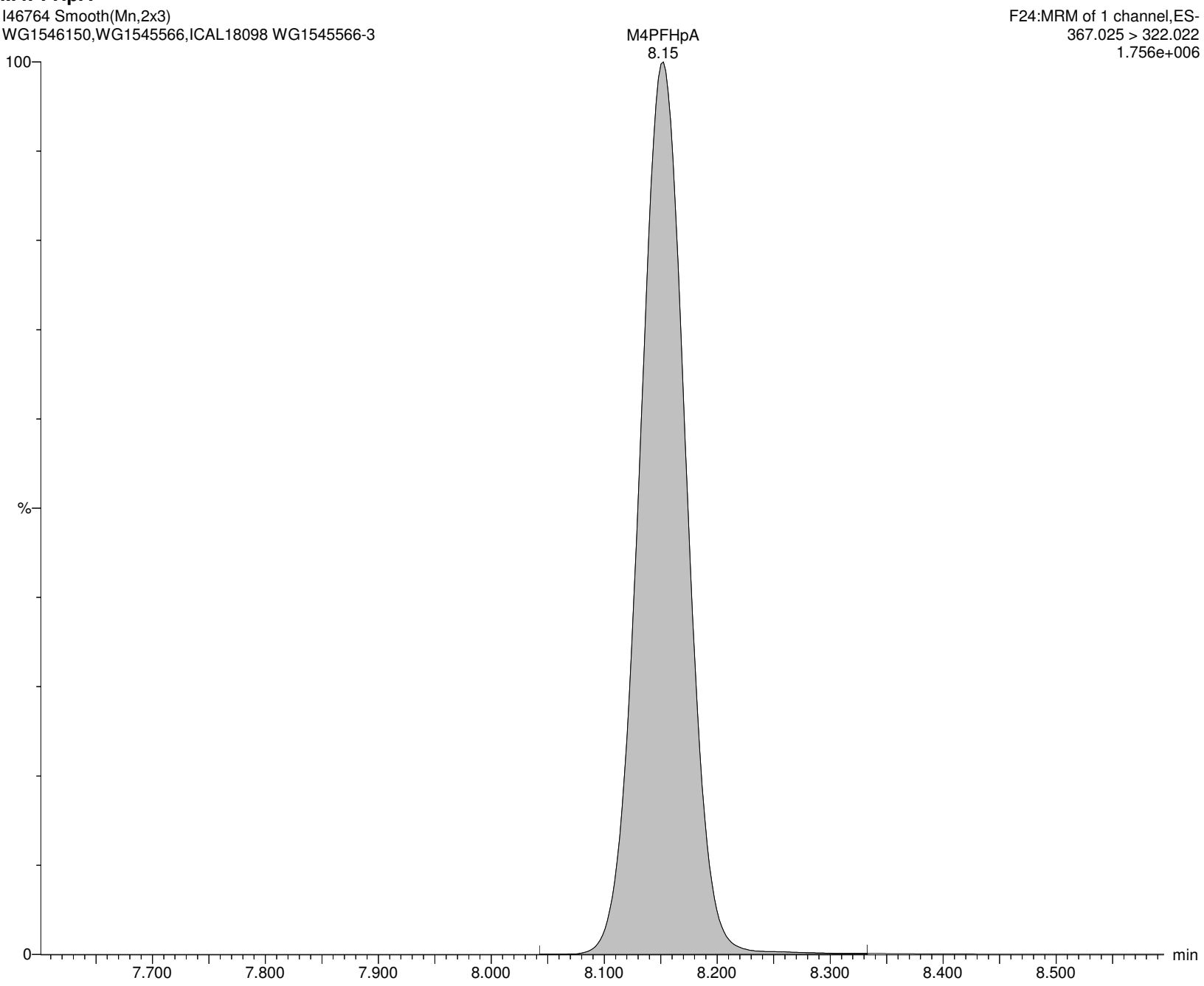


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:56 Eastern Daylight Time

Name: I46764
ID: WG1545566-3
Date: 15-Sep-2021
Time: 05:09:12
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFHpA

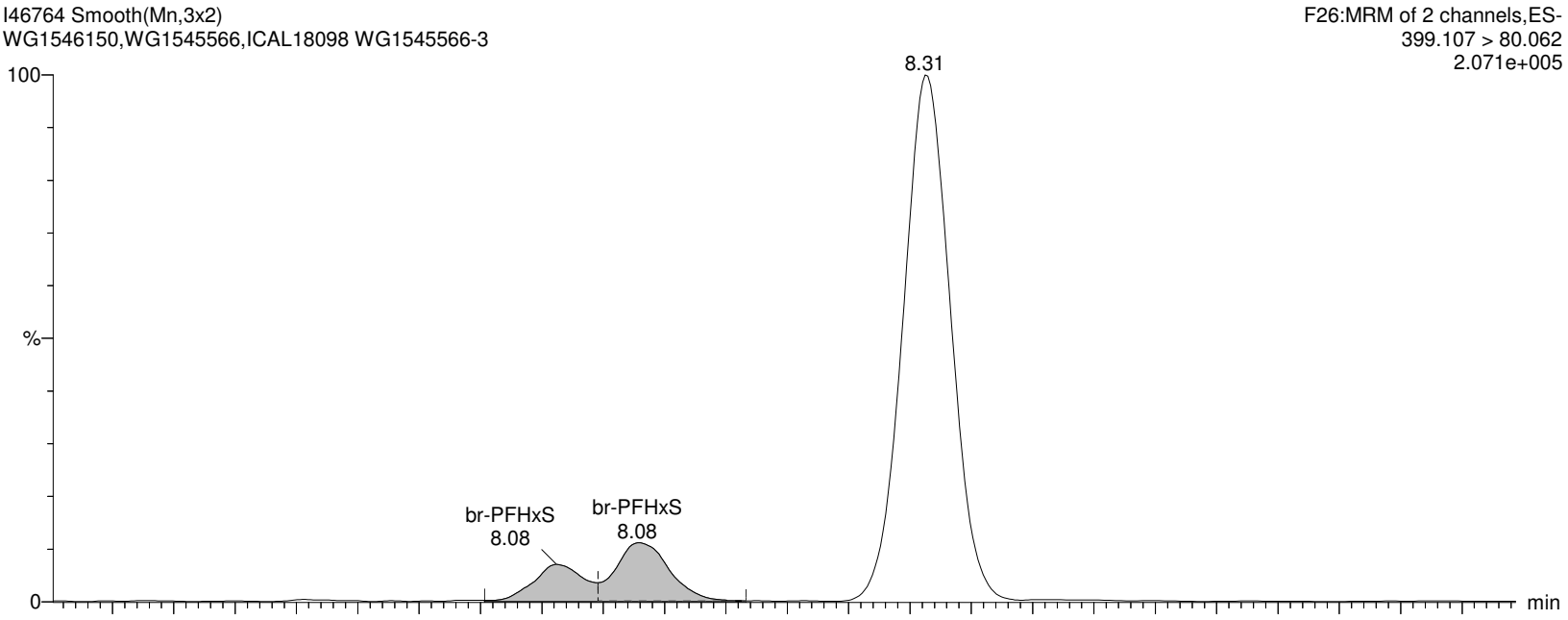


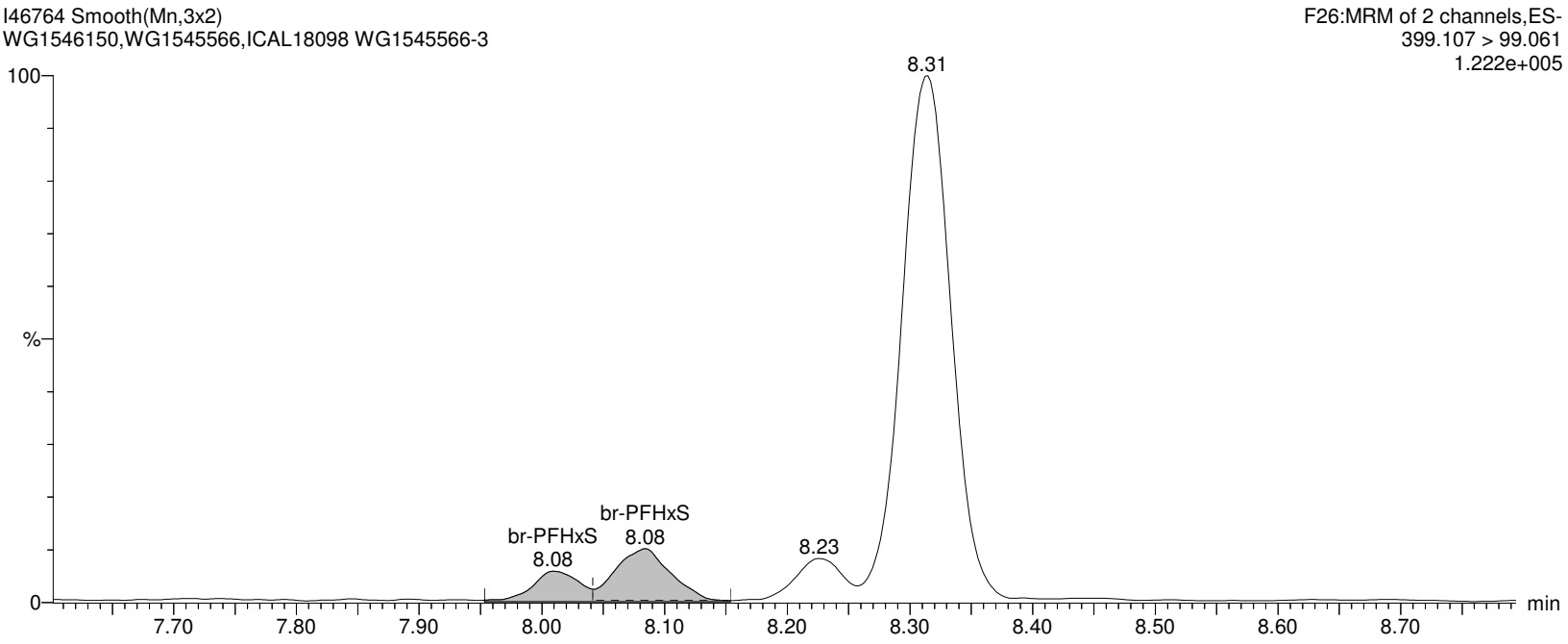
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:56 Eastern Daylight Time

Name: I46764
ID: WG1545566-3
Date: 15-Sep-2021
Time: 05:09:12
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFHxS



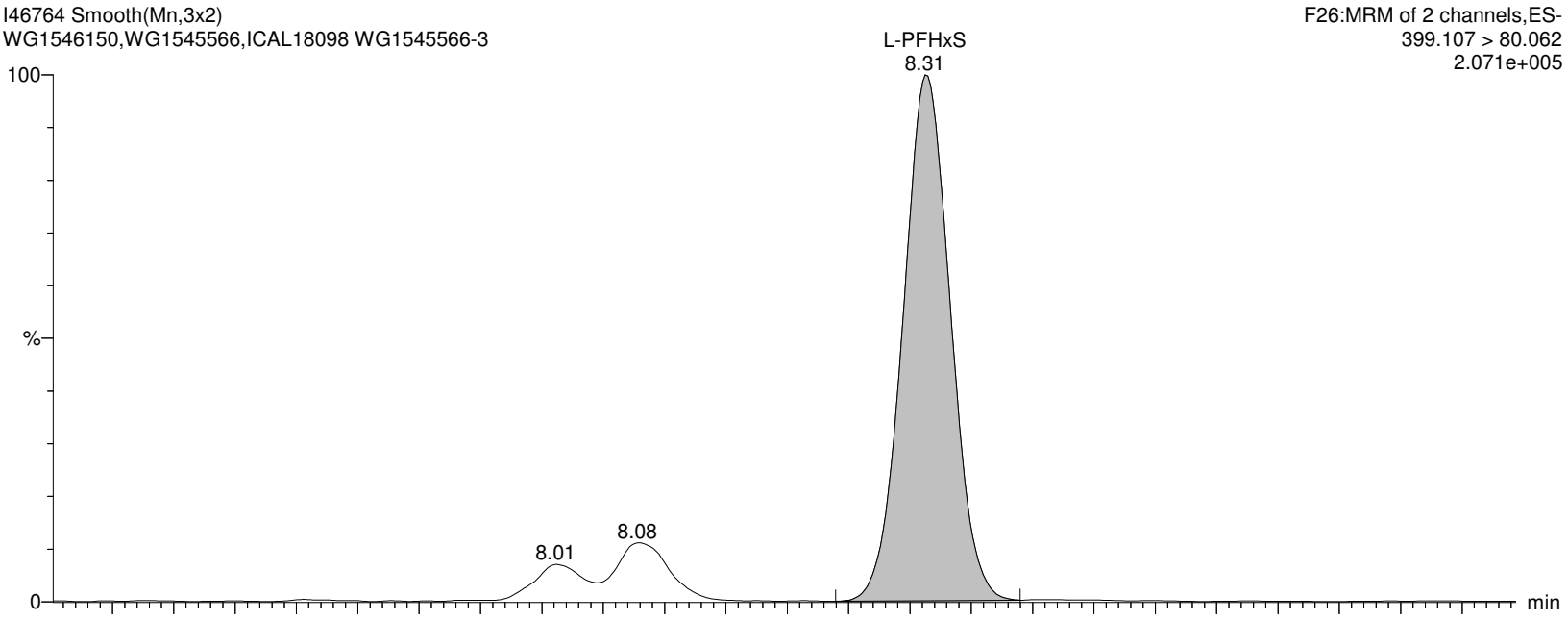


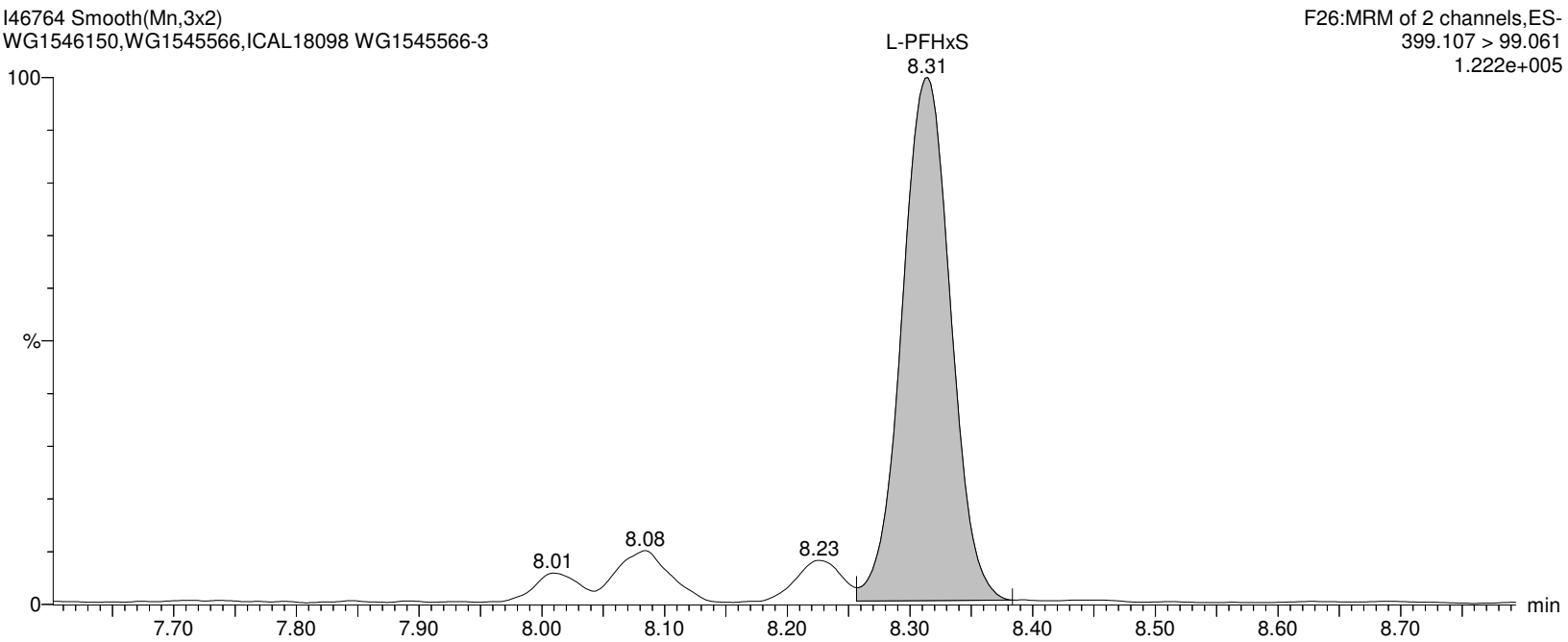
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:56 Eastern Daylight Time

Name: I46764
ID: WG1545566-3
Date: 15-Sep-2021
Time: 05:09:12
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFHxS



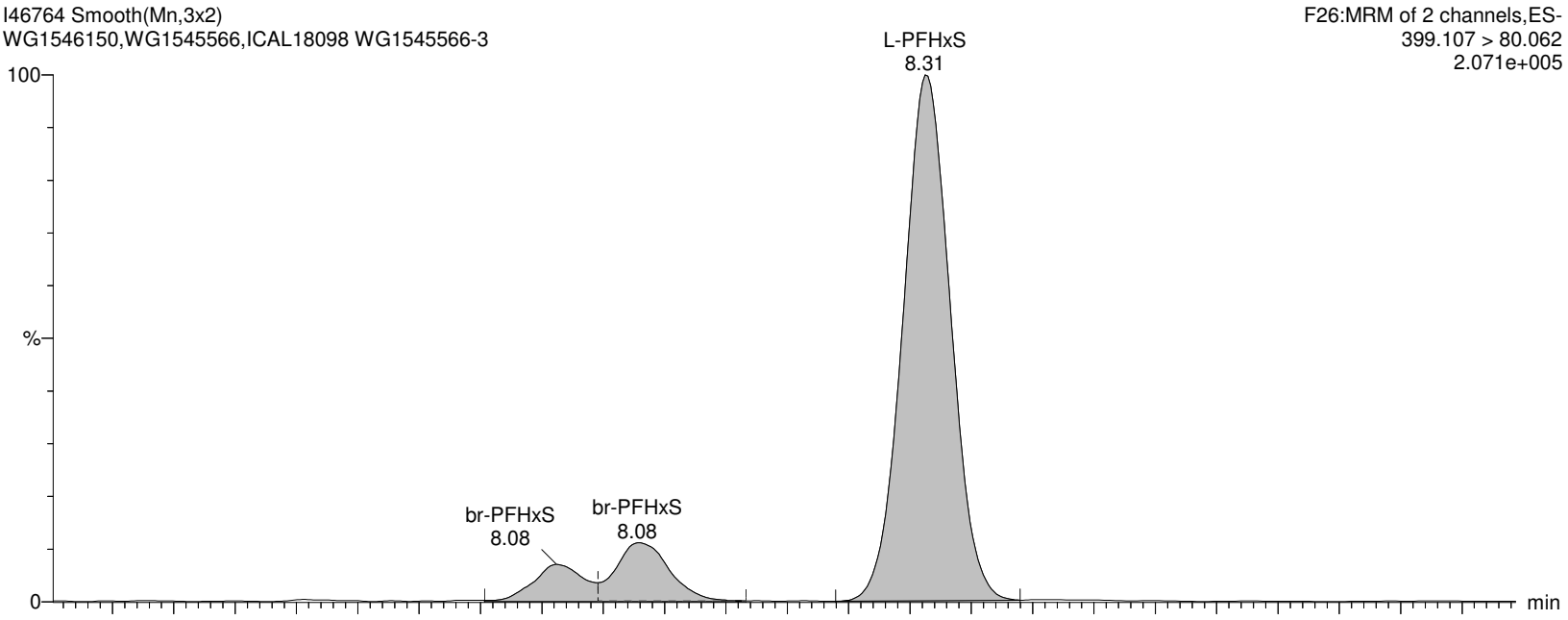


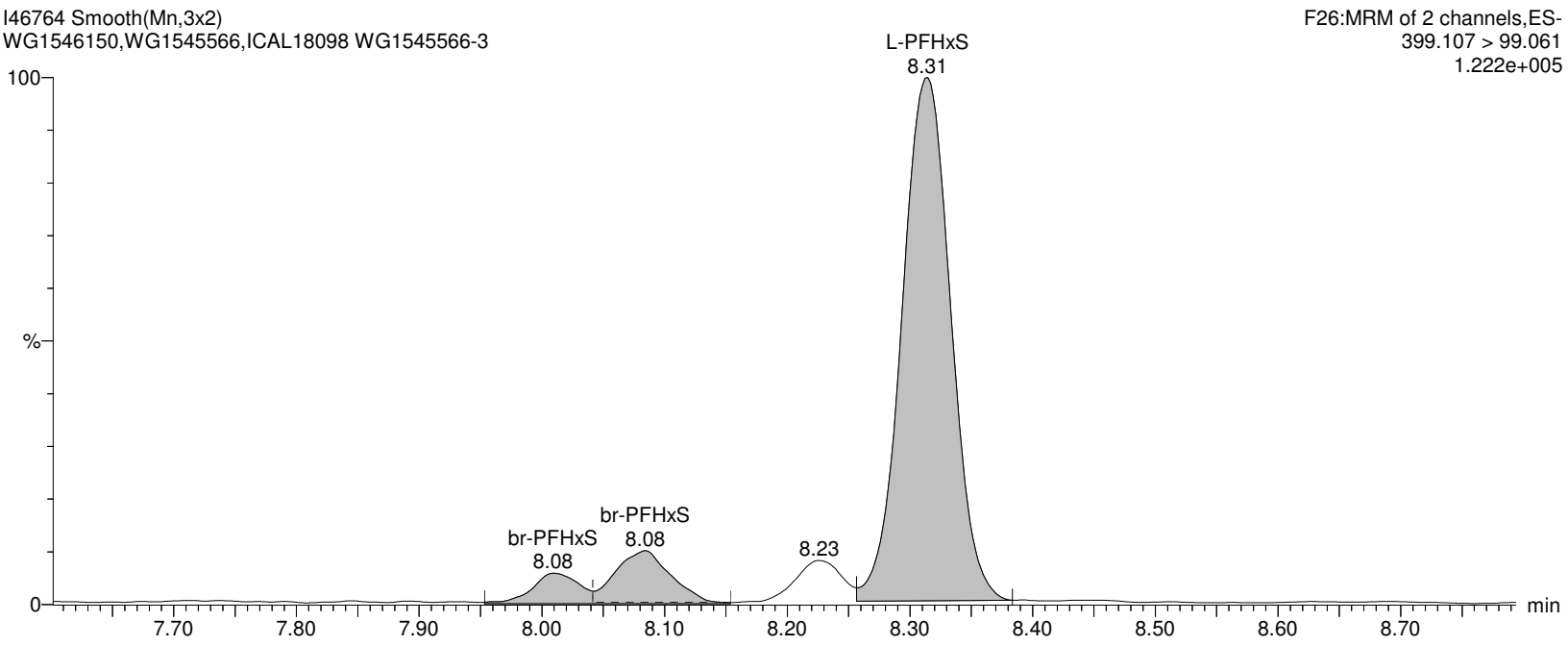
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:56 Eastern Daylight Time

Name: I46764
ID: WG1545566-3
Date: 15-Sep-2021
Time: 05:09:12
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHxS



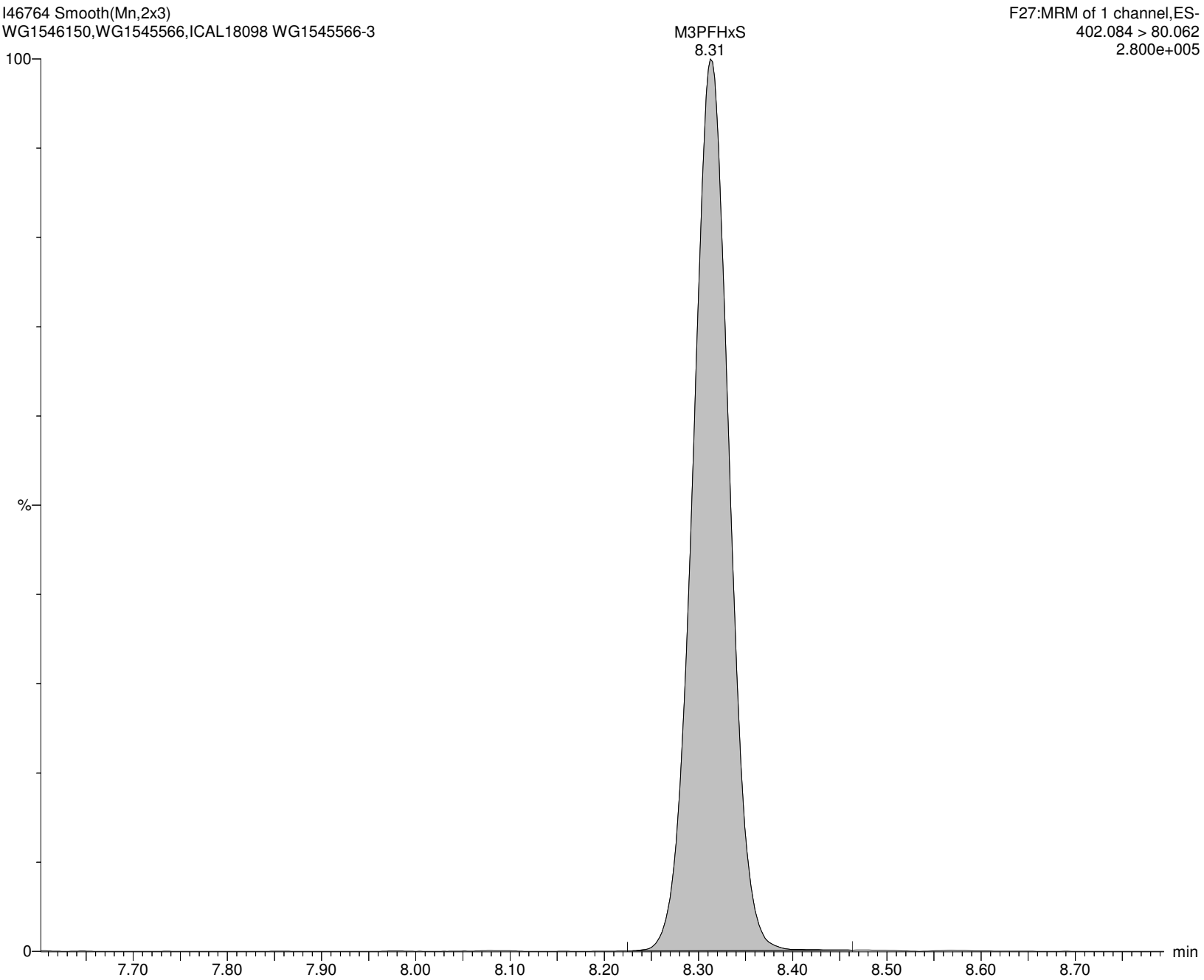


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:56 Eastern Daylight Time

Name: I46764
ID: WG1545566-3
Date: 15-Sep-2021
Time: 05:09:12
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M3PFHxS

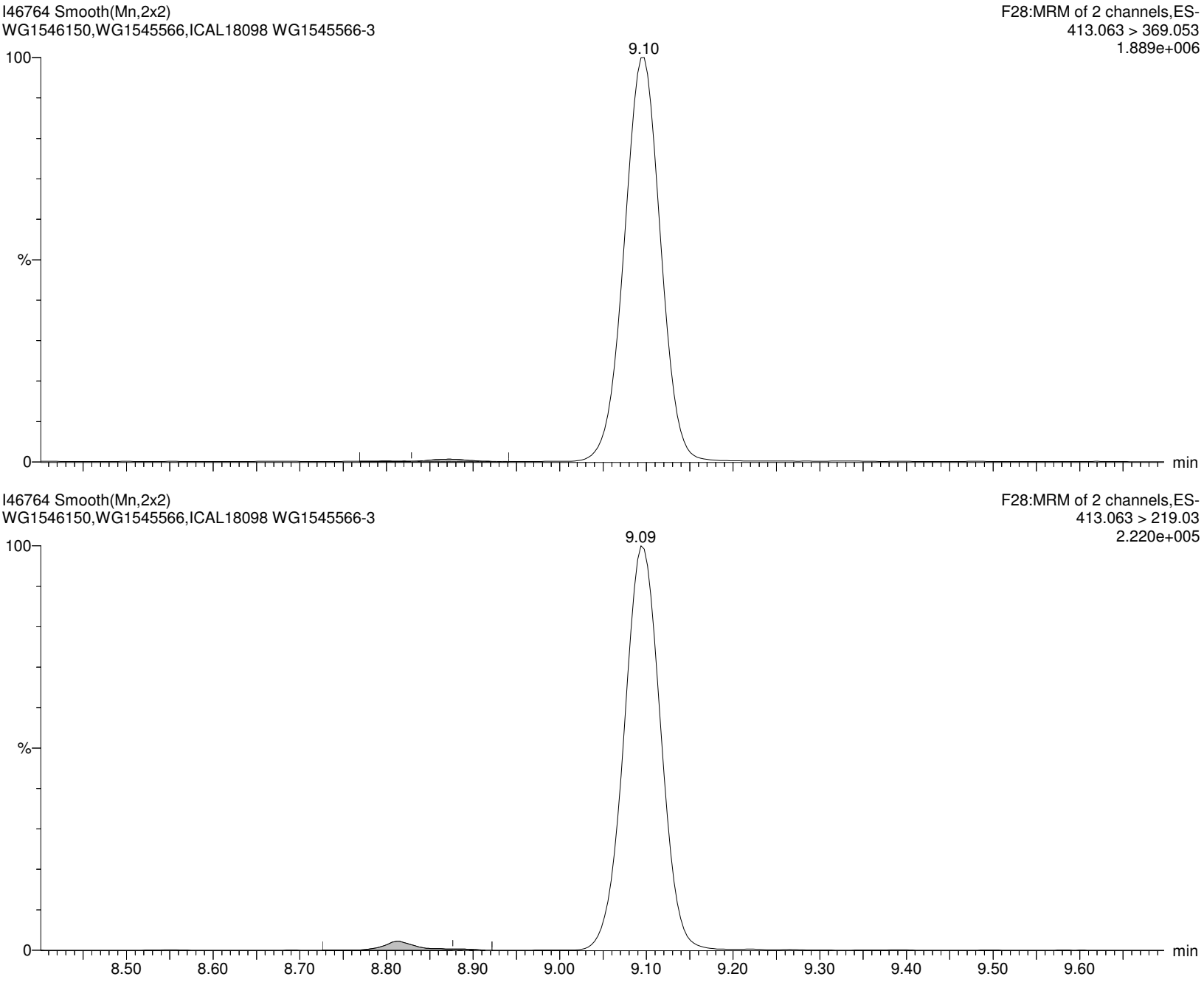


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:56 Eastern Daylight Time

Name: I46764
ID: WG1545566-3
Date: 15-Sep-2021
Time: 05:09:12
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOA

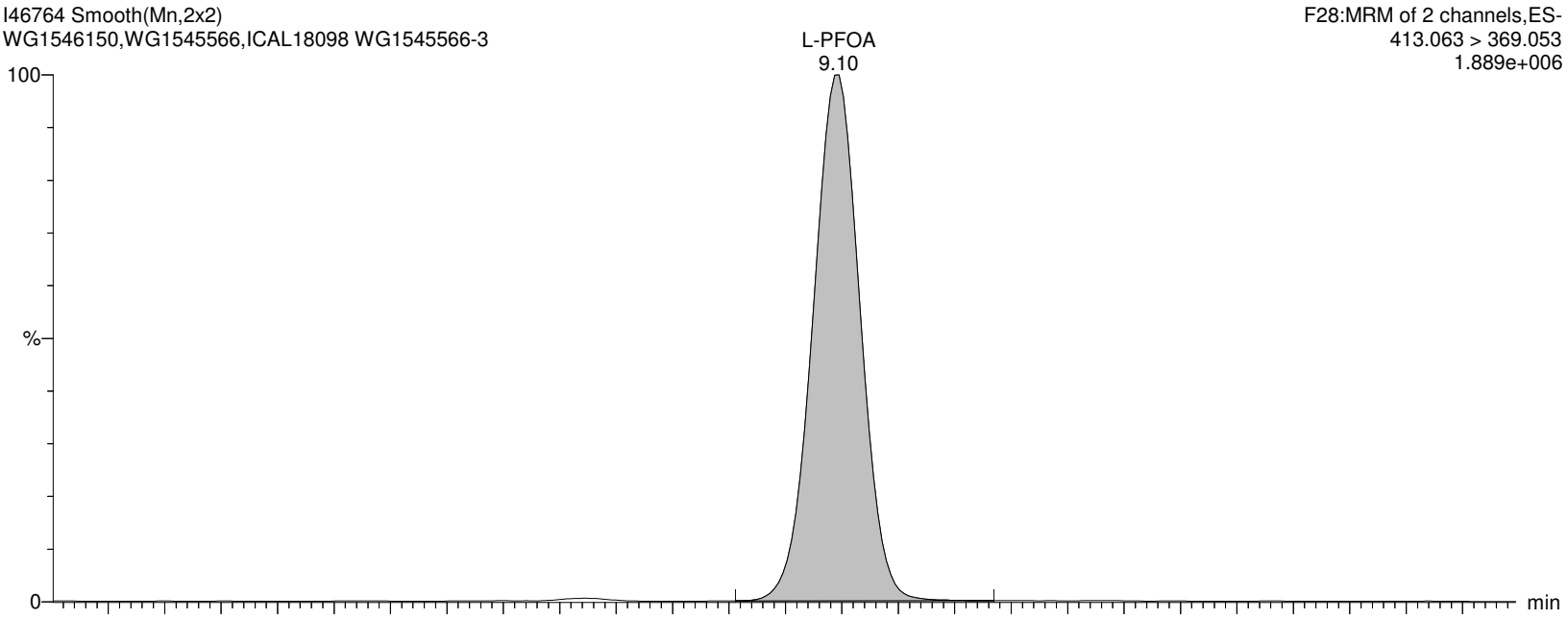


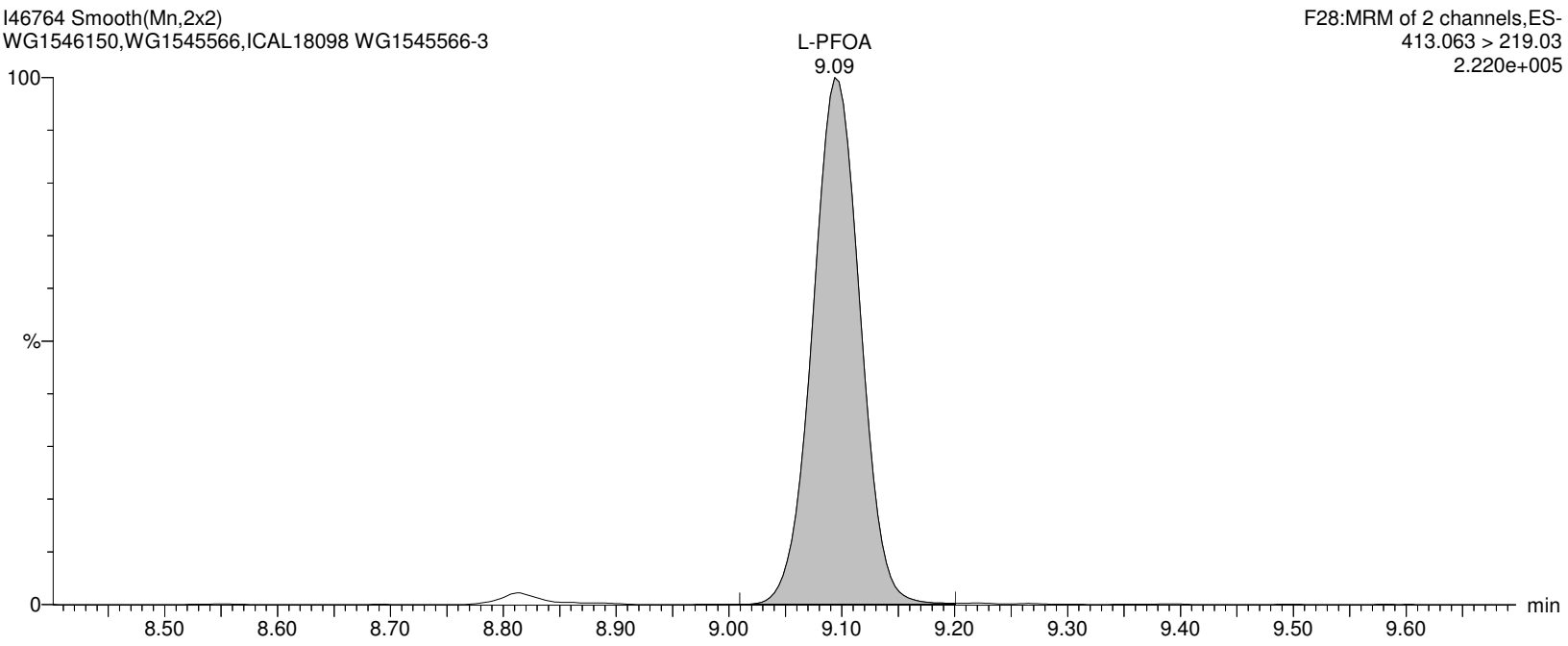
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:56 Eastern Daylight Time

Name: I46764
ID: WG1545566-3
Date: 15-Sep-2021
Time: 05:09:12
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOA



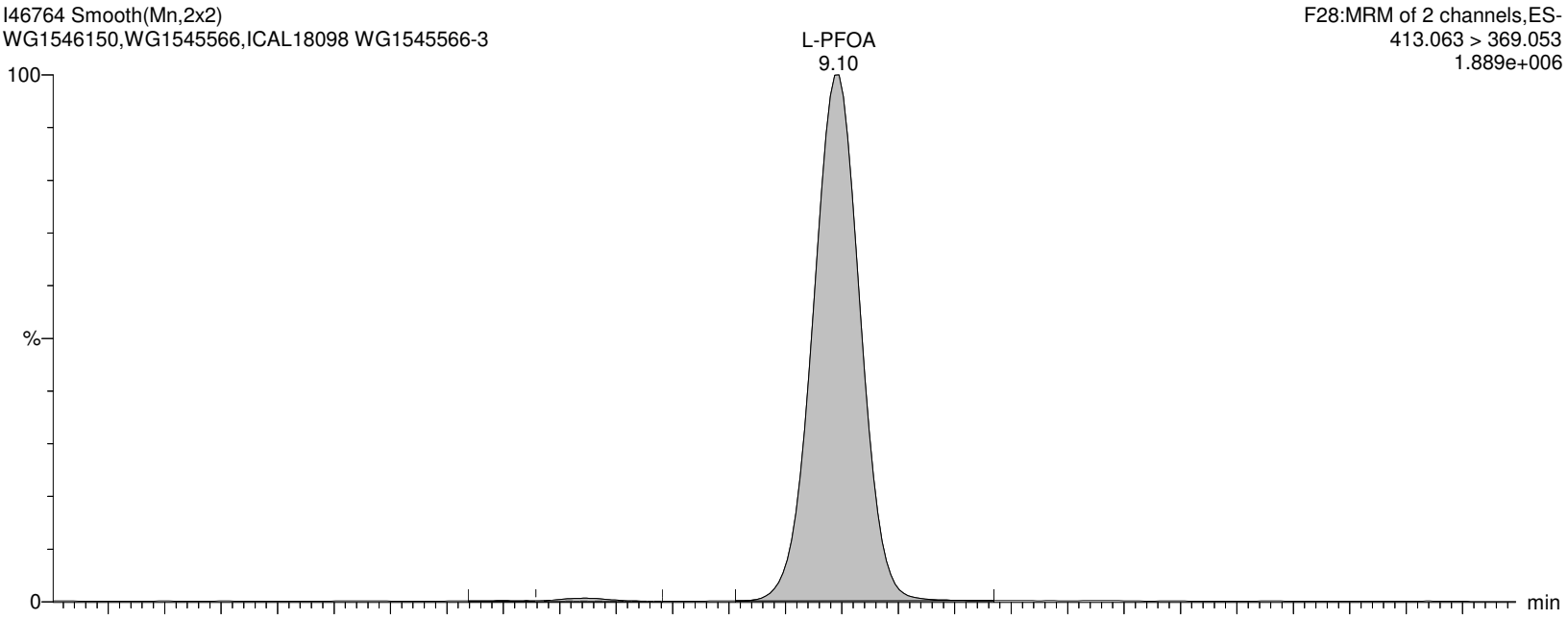


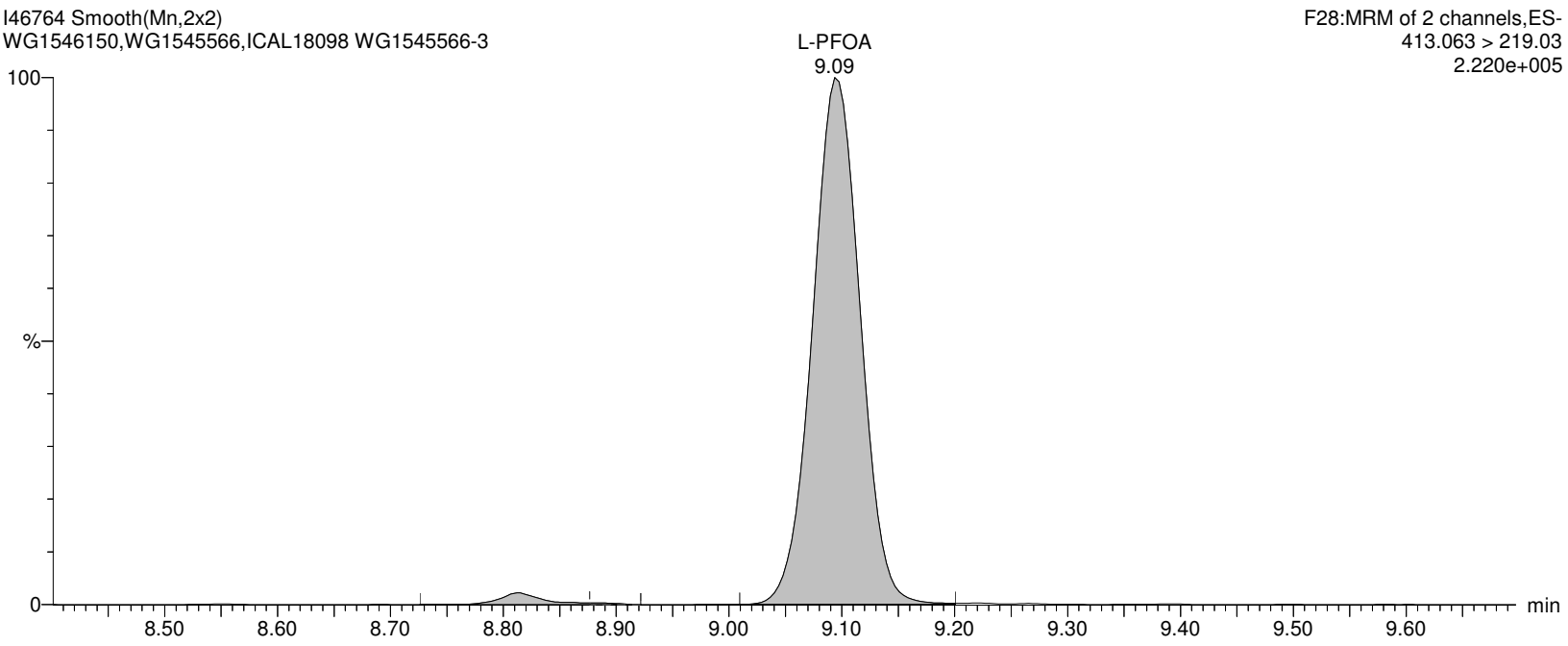
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:56 Eastern Daylight Time

Name: I46764
ID: WG1545566-3
Date: 15-Sep-2021
Time: 05:09:12
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOA



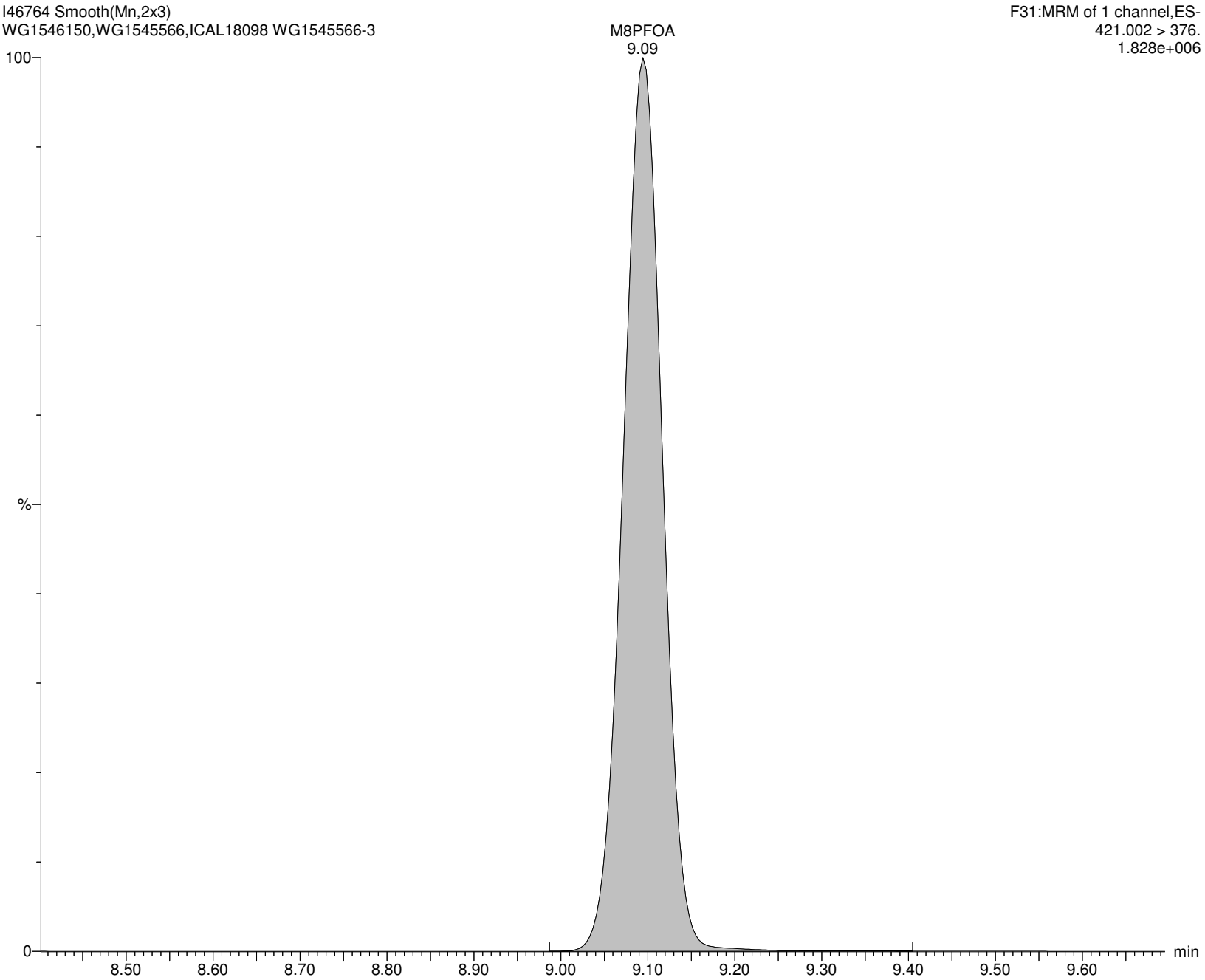


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:56 Eastern Daylight Time

Name: I46764
ID: WG1545566-3
Date: 15-Sep-2021
Time: 05:09:12
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOA

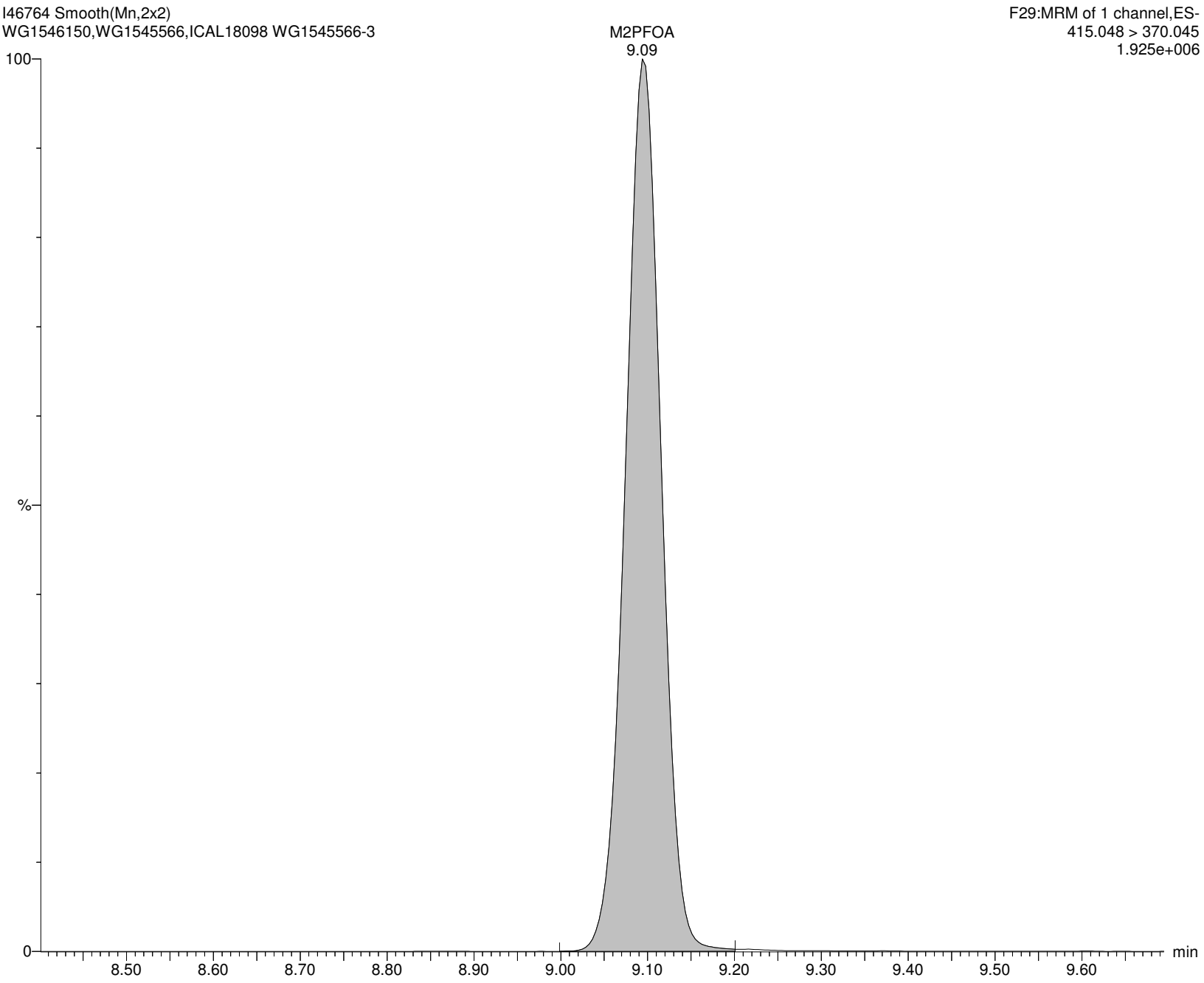


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:56 Eastern Daylight Time

Name: I46764
ID: WG1545566-3
Date: 15-Sep-2021
Time: 05:09:12
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFOA

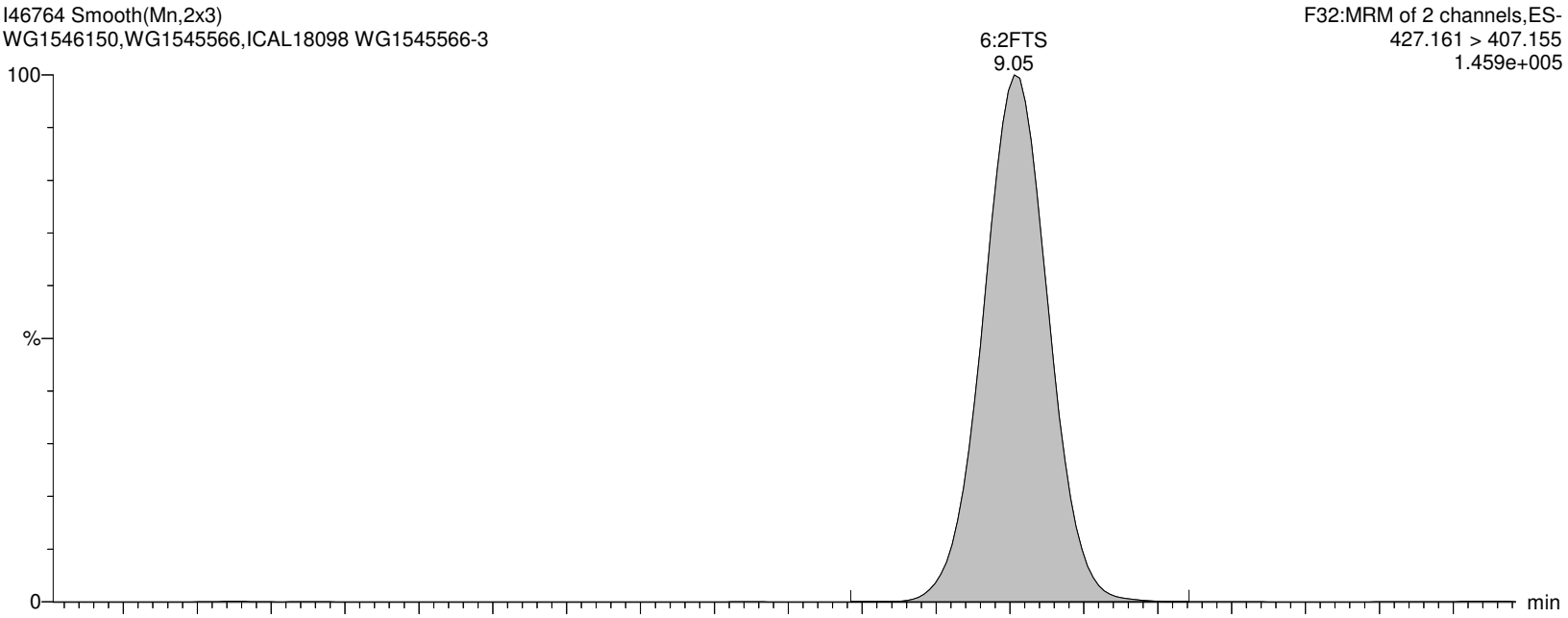


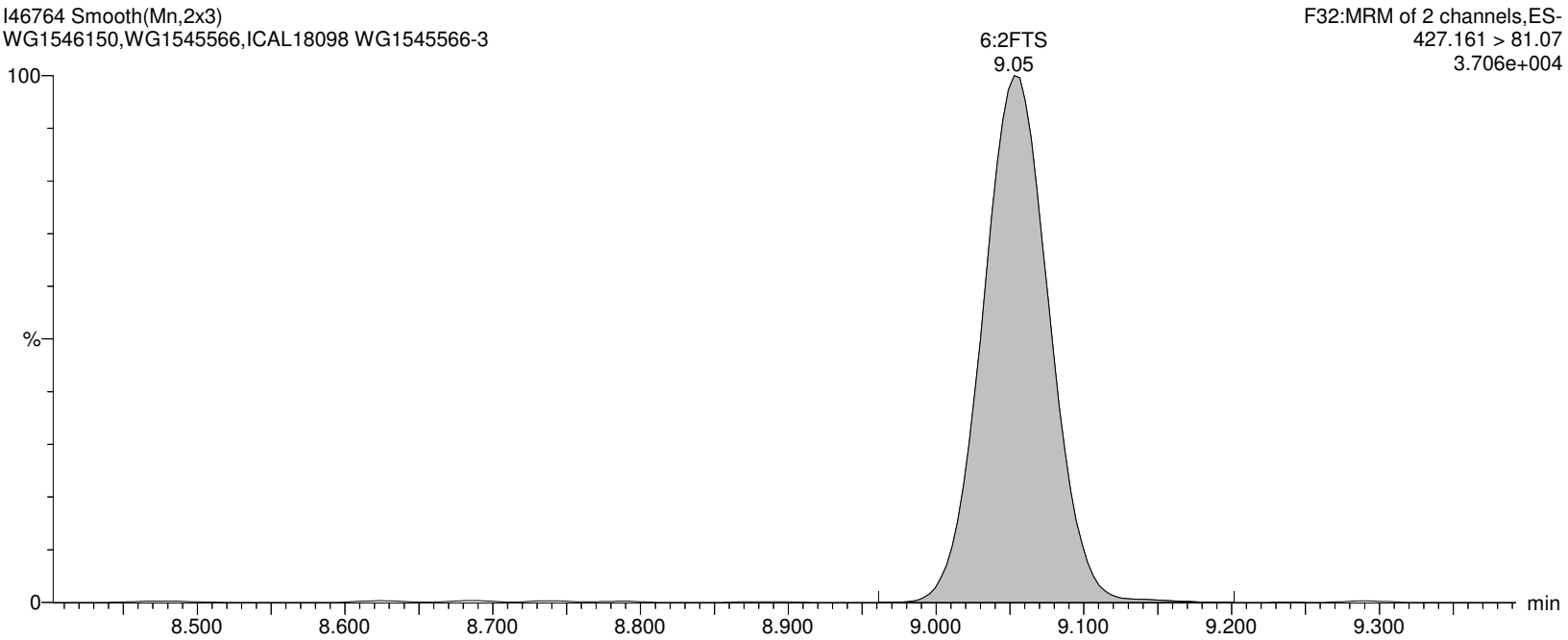
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:56 Eastern Daylight Time

Name: I46764
ID: WG1545566-3
Date: 15-Sep-2021
Time: 05:09:12
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

6:2FTS



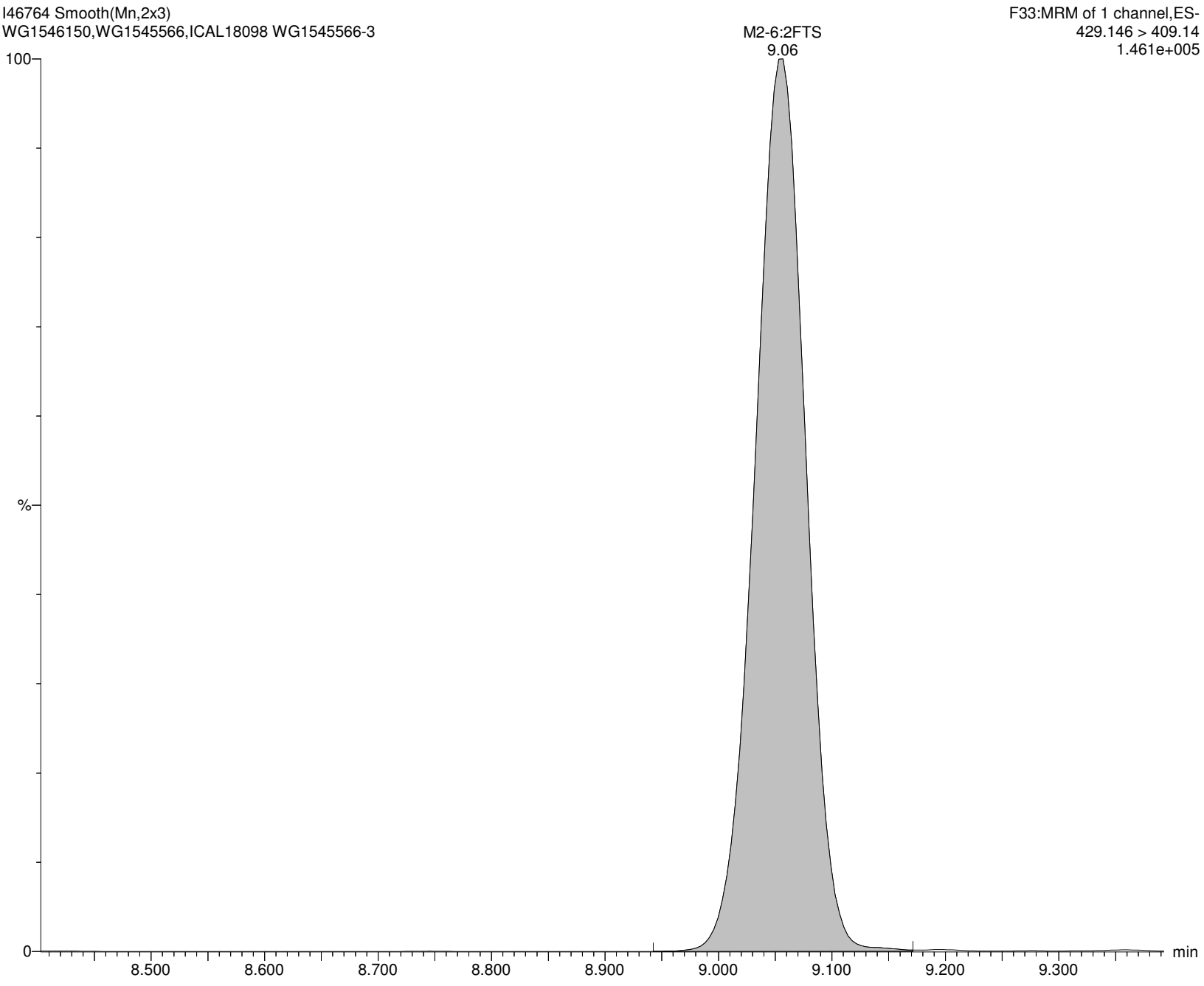


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:56 Eastern Daylight Time

Name: I46764
ID: WG1545566-3
Date: 15-Sep-2021
Time: 05:09:12
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-6:2FTS

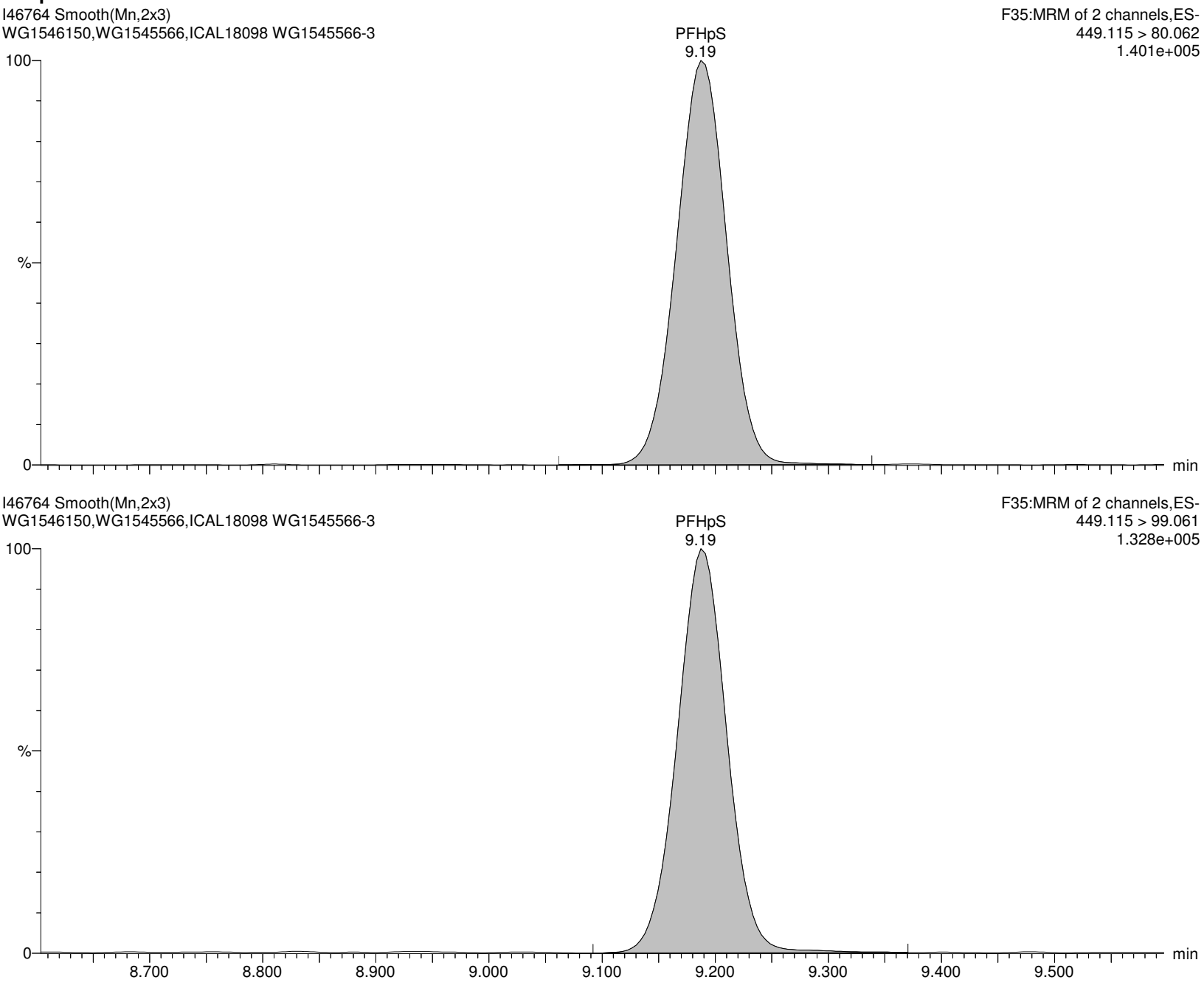


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:56 Eastern Daylight Time

Name: I46764
ID: WG1545566-3
Date: 15-Sep-2021
Time: 05:09:12
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFHpS

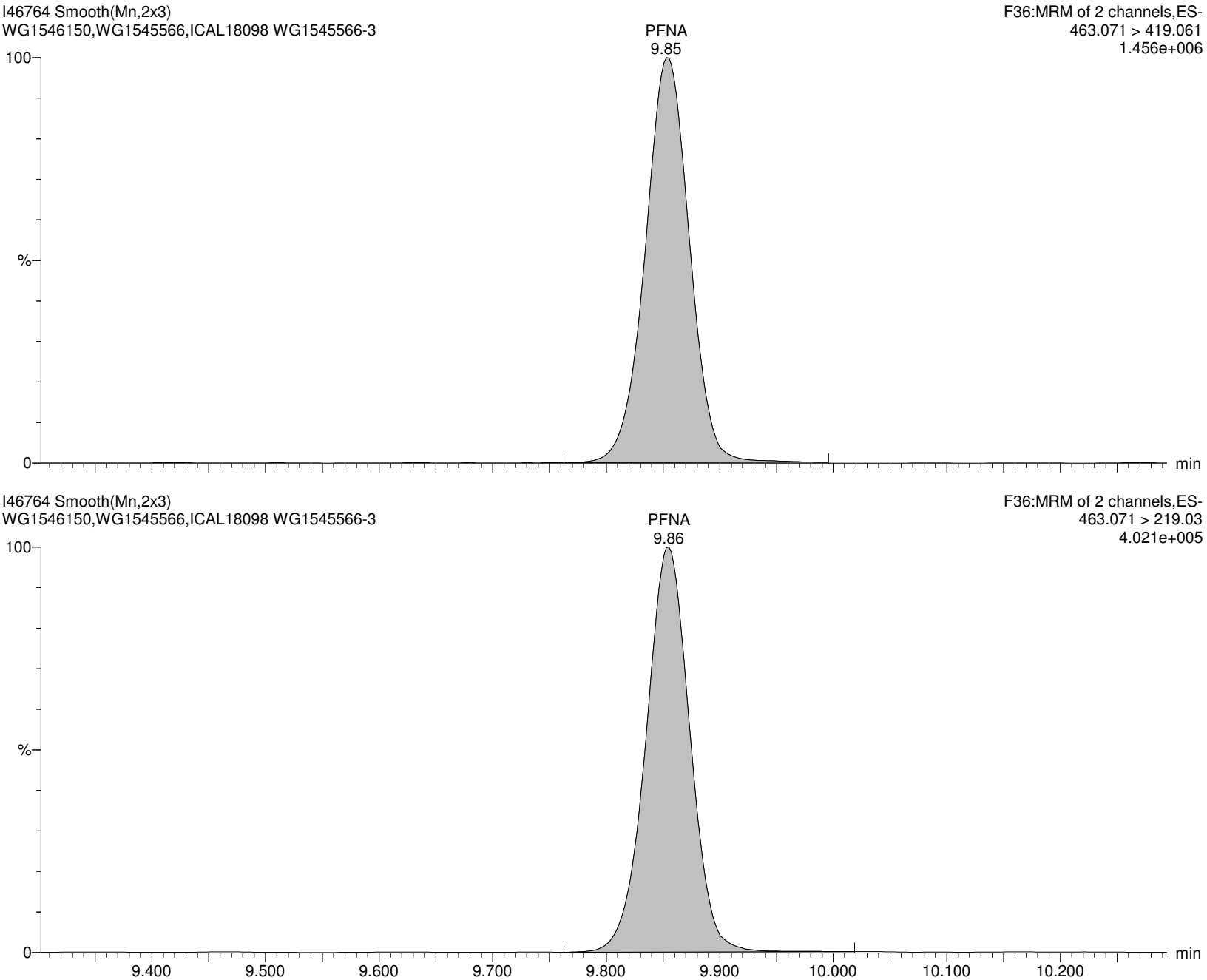


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:56 Eastern Daylight Time

Name: I46764
ID: WG1545566-3
Date: 15-Sep-2021
Time: 05:09:12
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNA

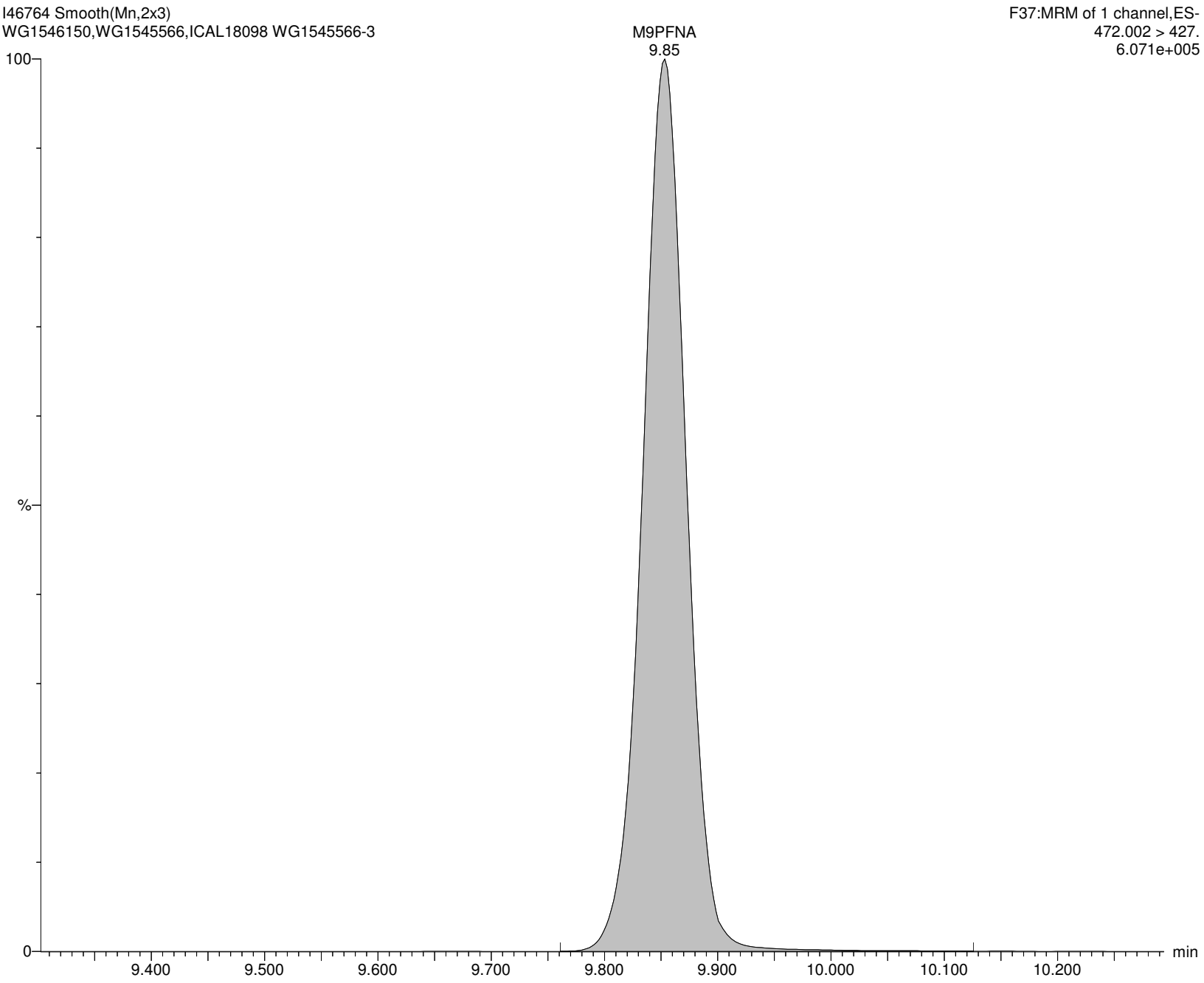


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:56 Eastern Daylight Time

Name: I46764
ID: WG1545566-3
Date: 15-Sep-2021
Time: 05:09:12
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M9PFNA

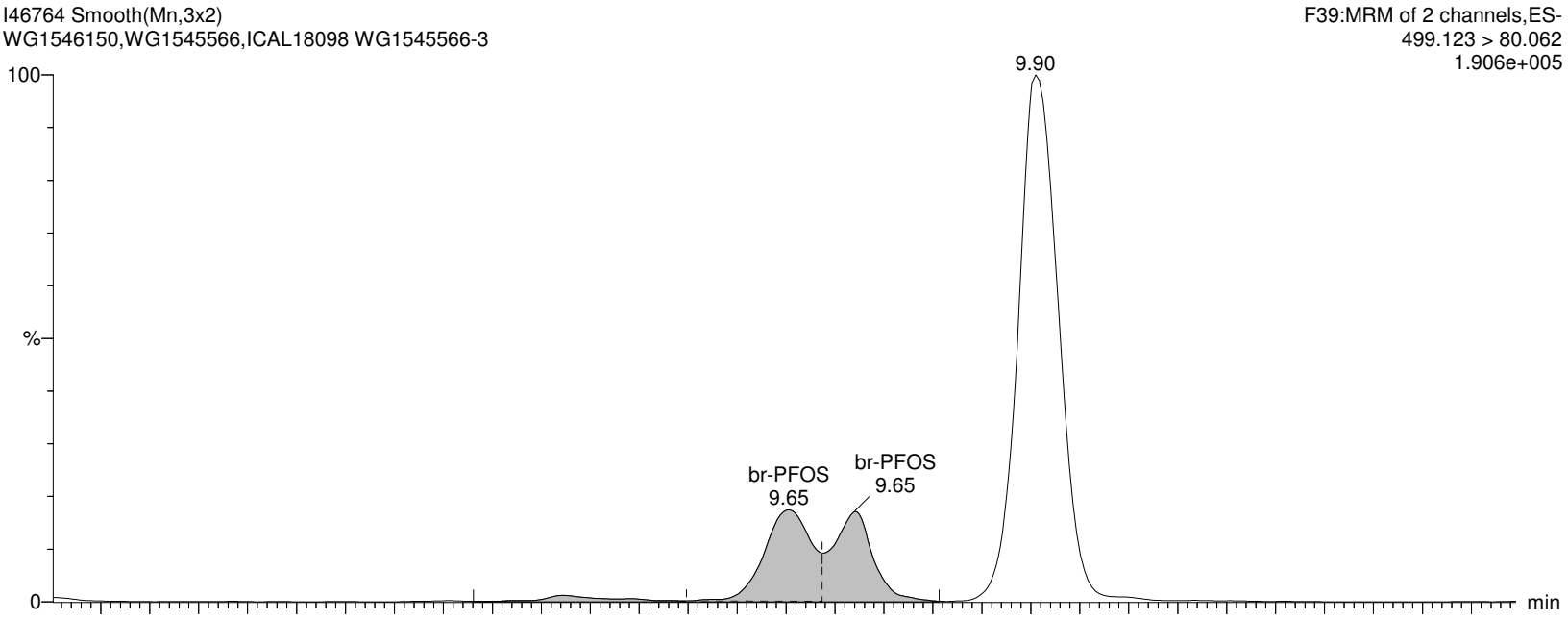


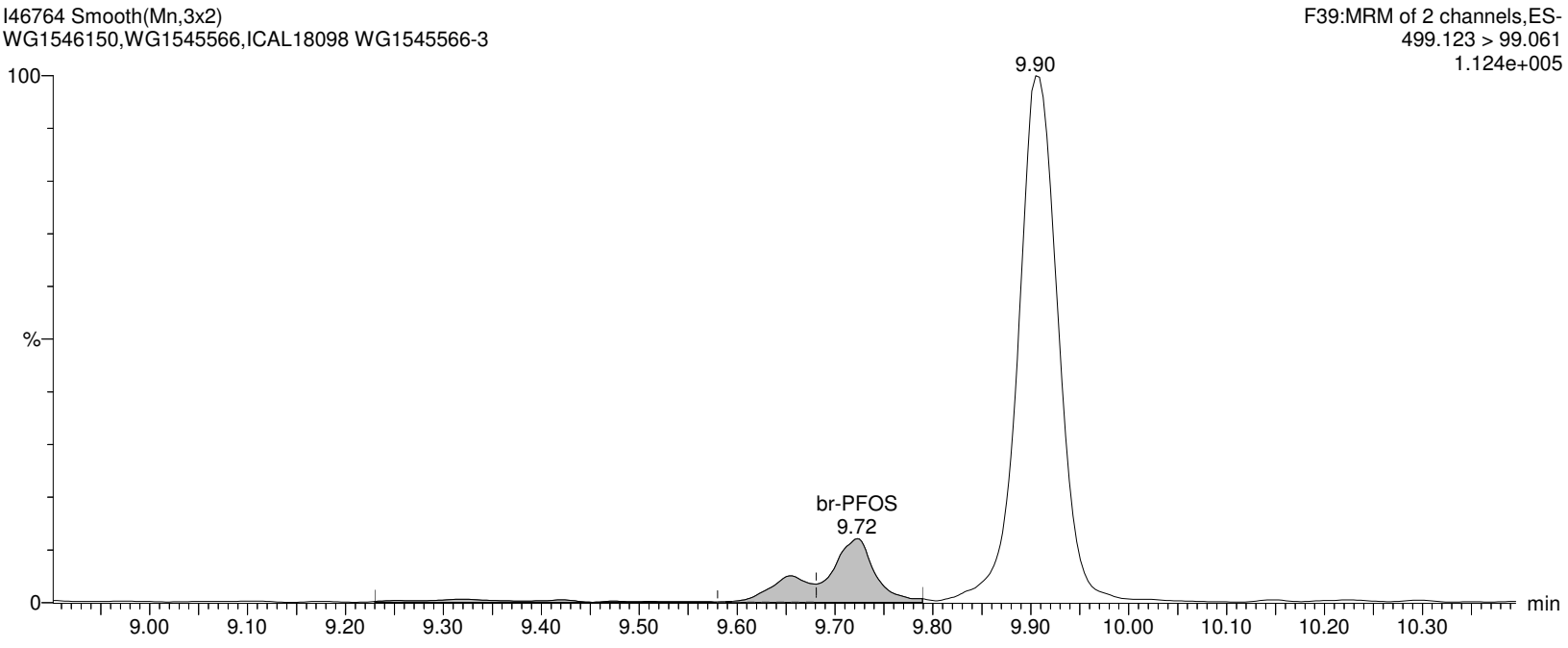
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:56 Eastern Daylight Time

Name: I46764
ID: WG1545566-3
Date: 15-Sep-2021
Time: 05:09:12
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-PFOS



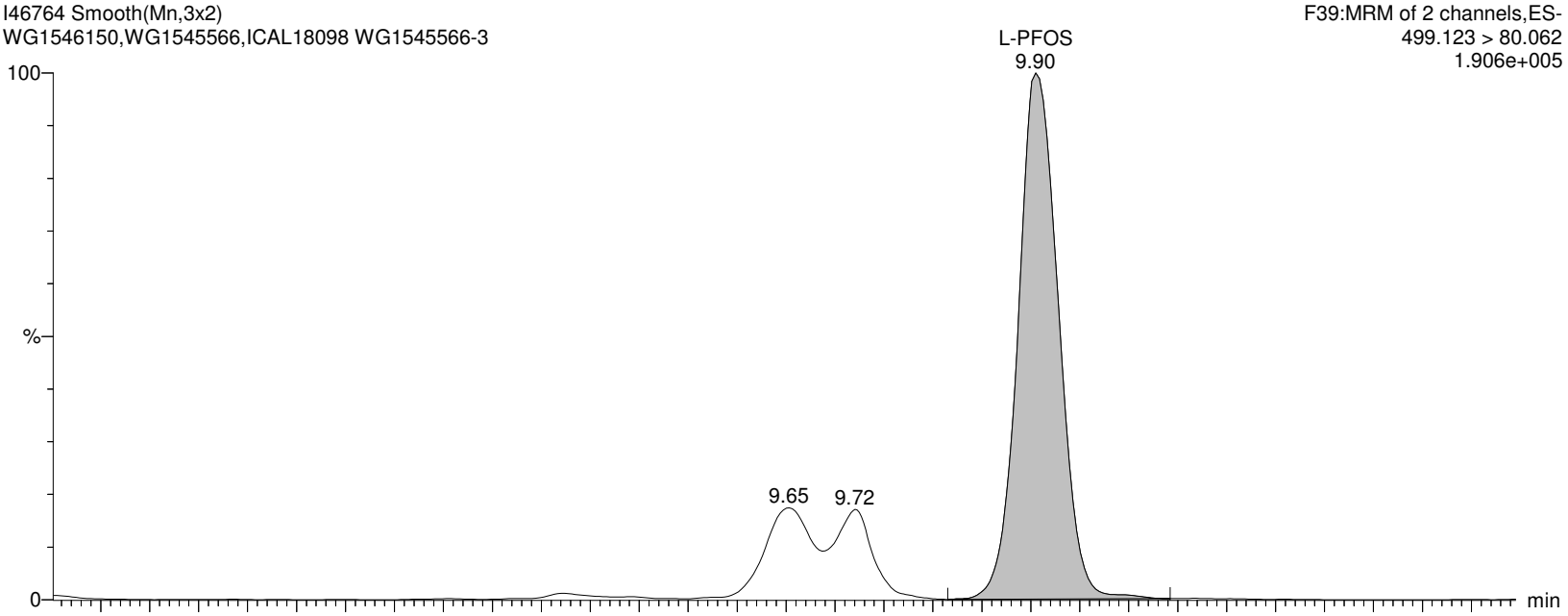


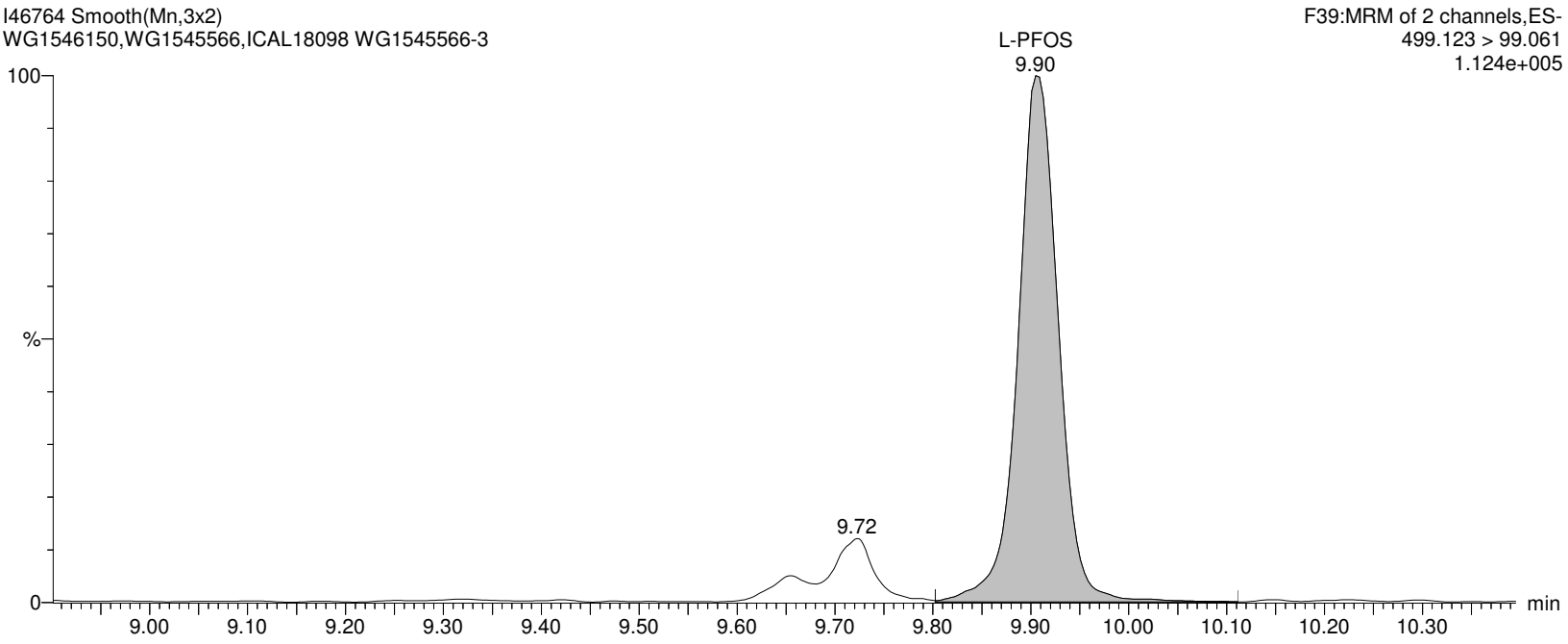
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:56 Eastern Daylight Time

Name: I46764
ID: WG1545566-3
Date: 15-Sep-2021
Time: 05:09:12
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-PFOS



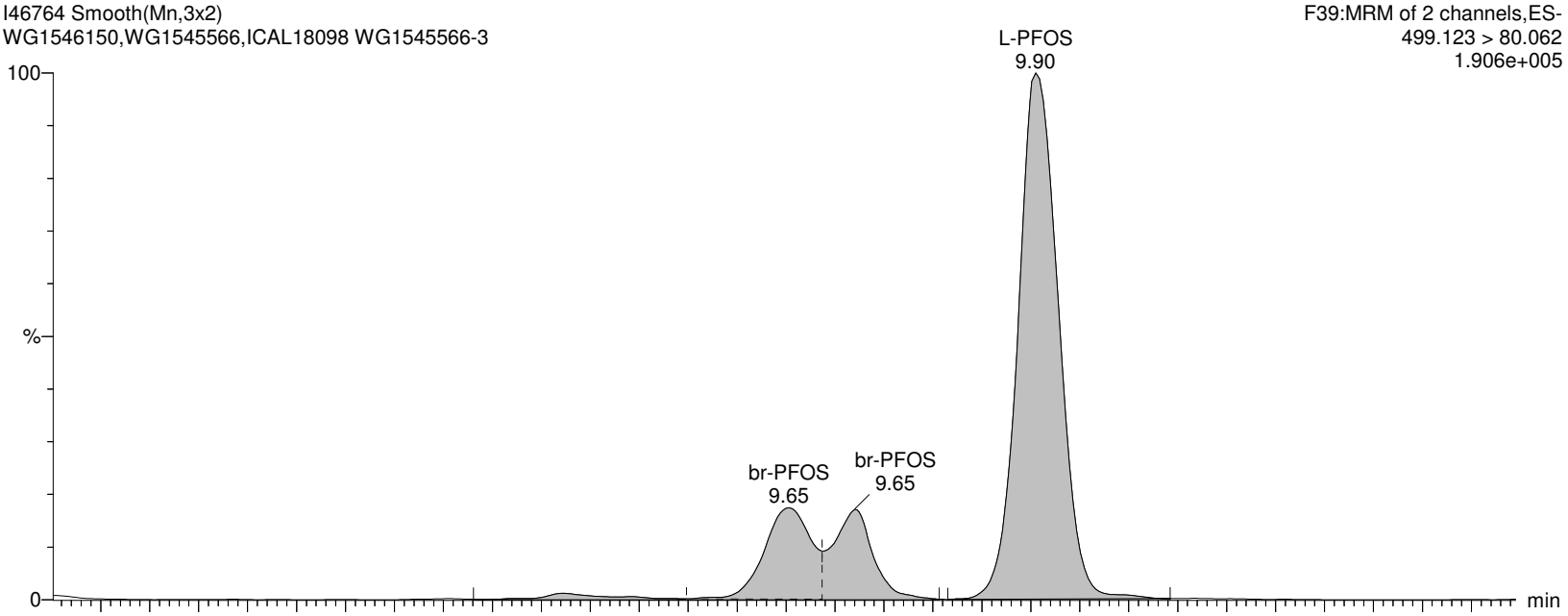


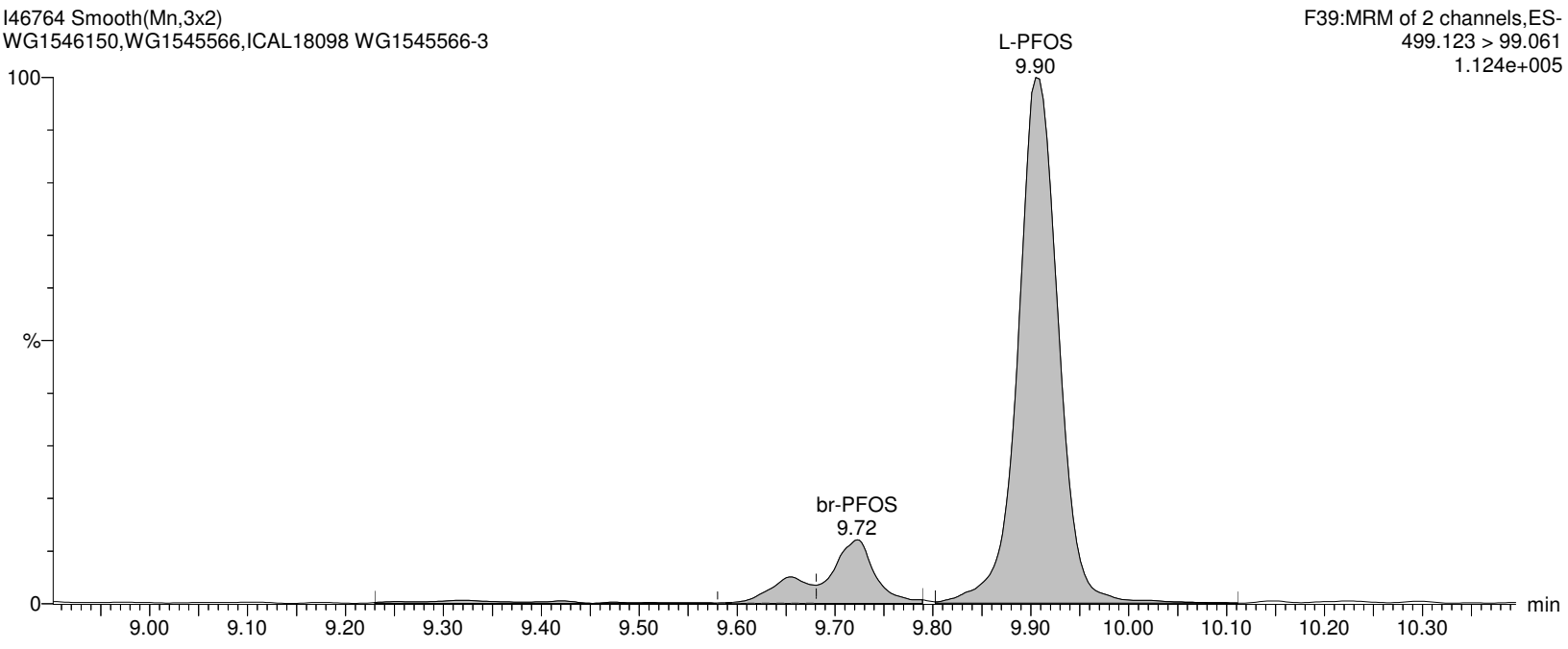
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:56 Eastern Daylight Time

Name: I46764
ID: WG1545566-3
Date: 15-Sep-2021
Time: 05:09:12
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFOS



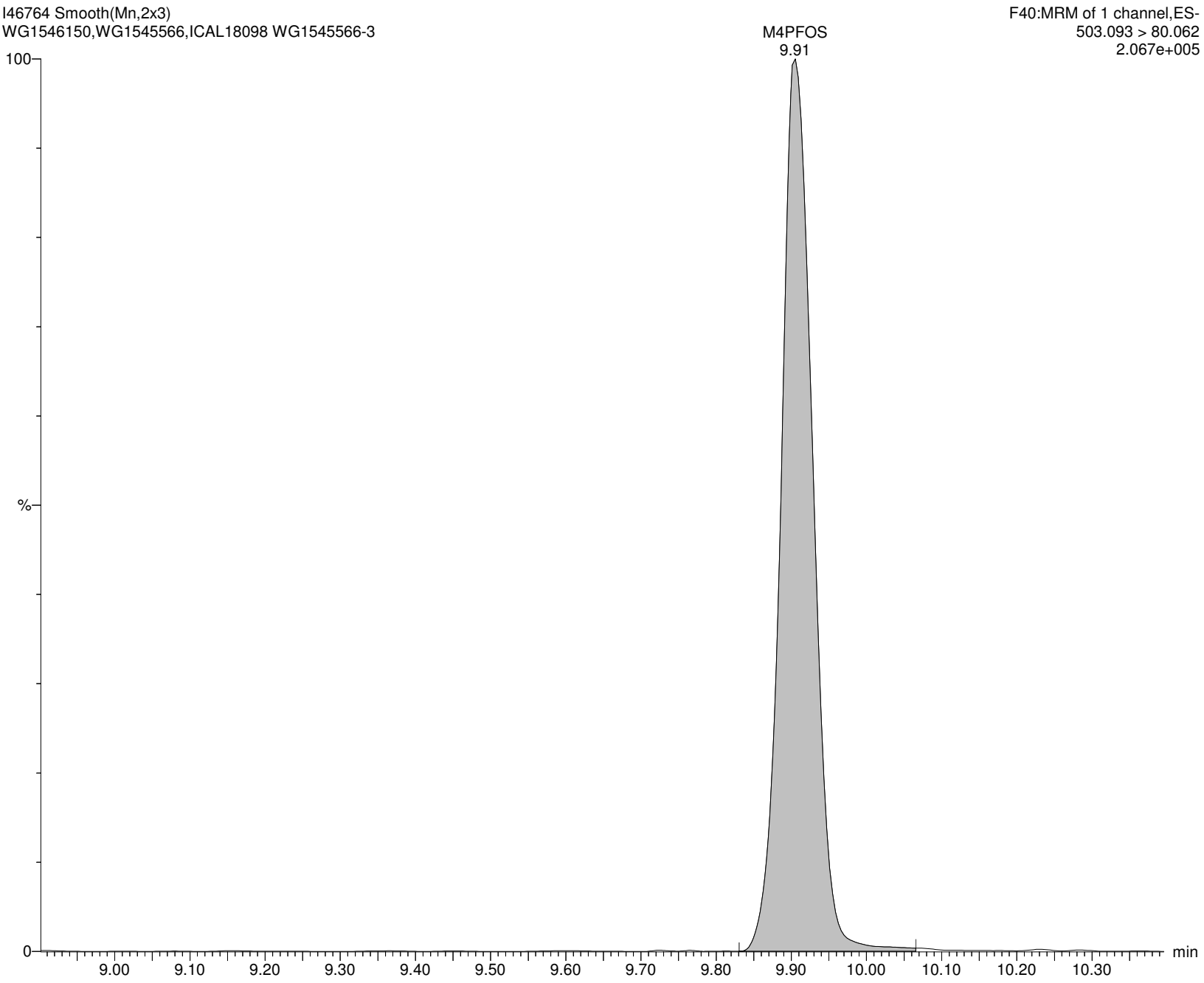


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:56 Eastern Daylight Time

Name: I46764
ID: WG1545566-3
Date: 15-Sep-2021
Time: 05:09:12
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M4PFOS

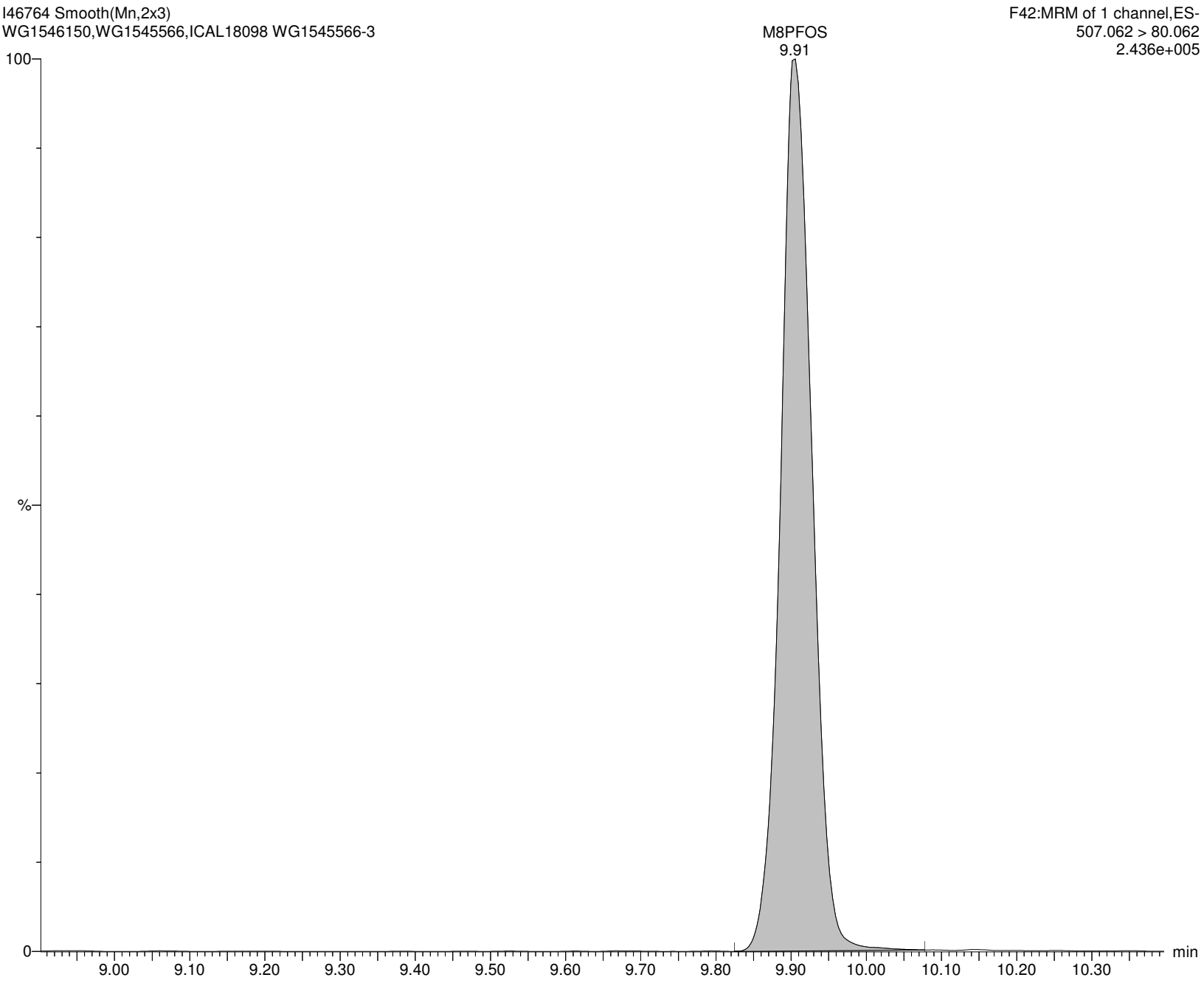


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:56 Eastern Daylight Time

Name: I46764
ID: WG1545566-3
Date: 15-Sep-2021
Time: 05:09:12
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8PFOS

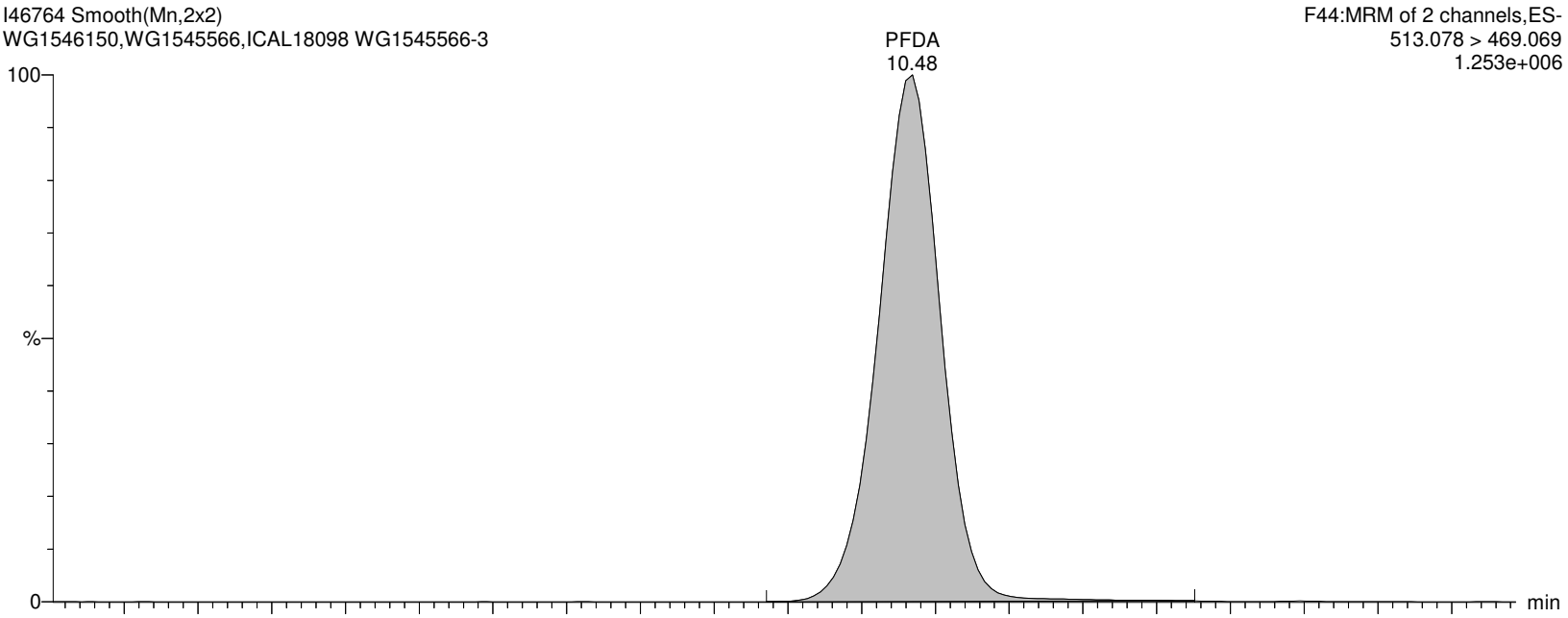


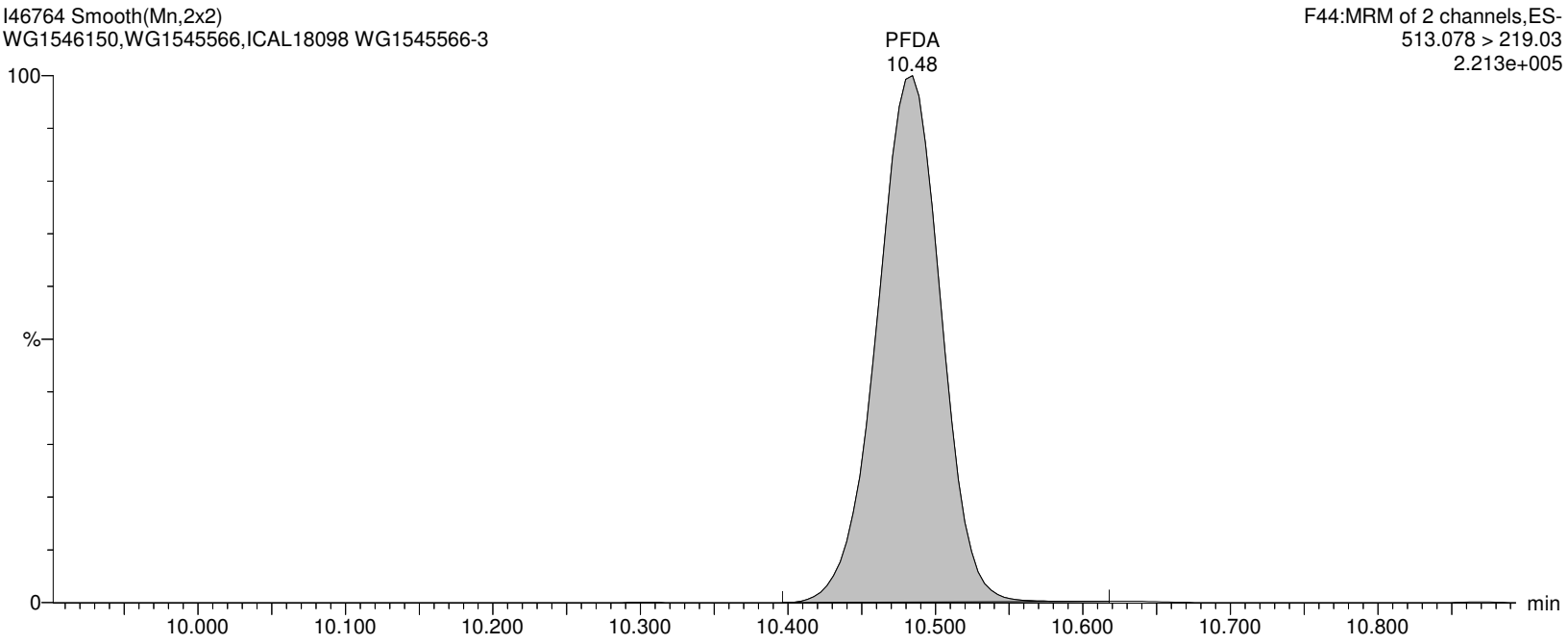
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:56 Eastern Daylight Time

Name: I46764
ID: WG1545566-3
Date: 15-Sep-2021
Time: 05:09:12
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDA



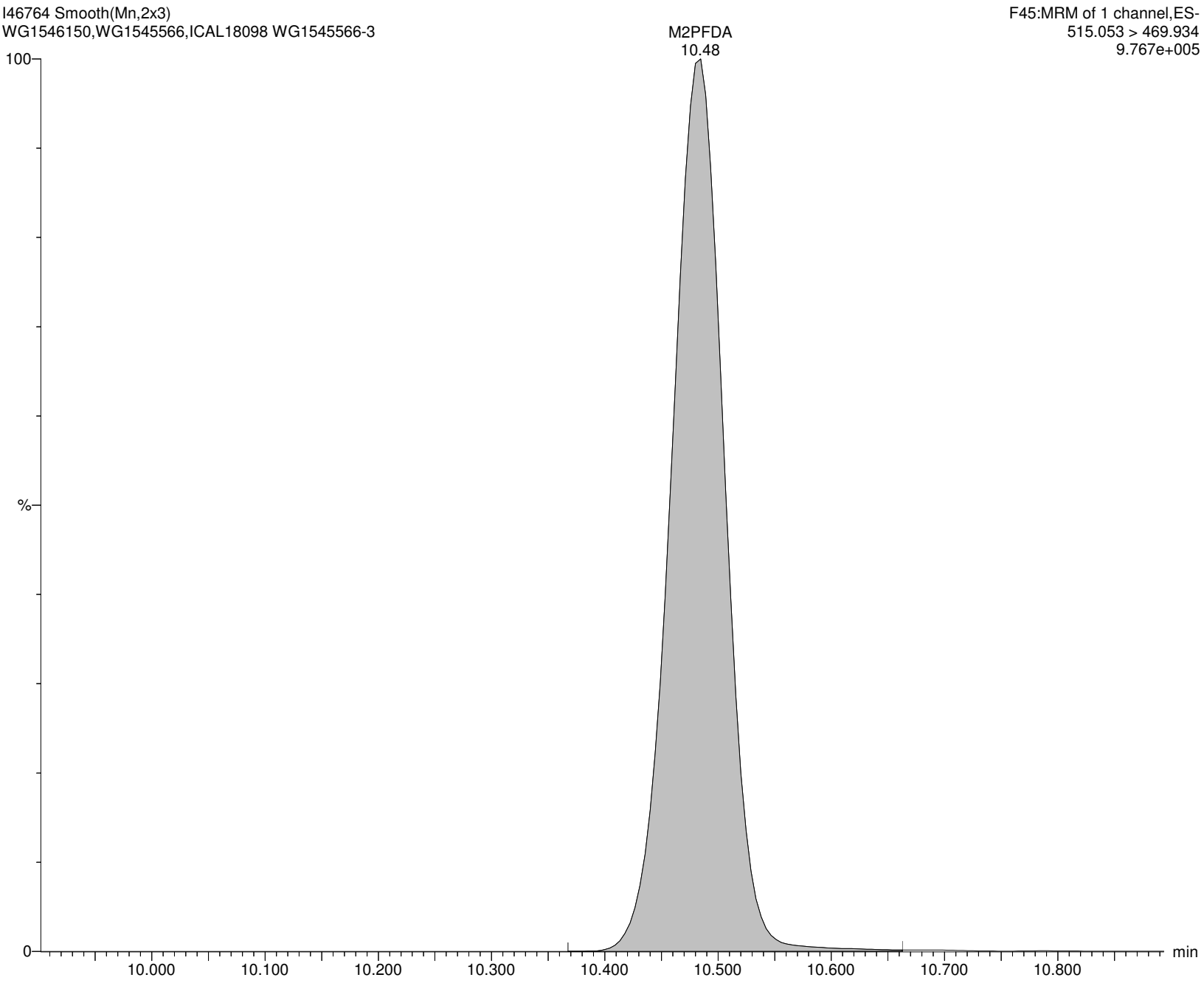


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:56 Eastern Daylight Time

Name: I46764
ID: WG1545566-3
Date: 15-Sep-2021
Time: 05:09:12
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFDA

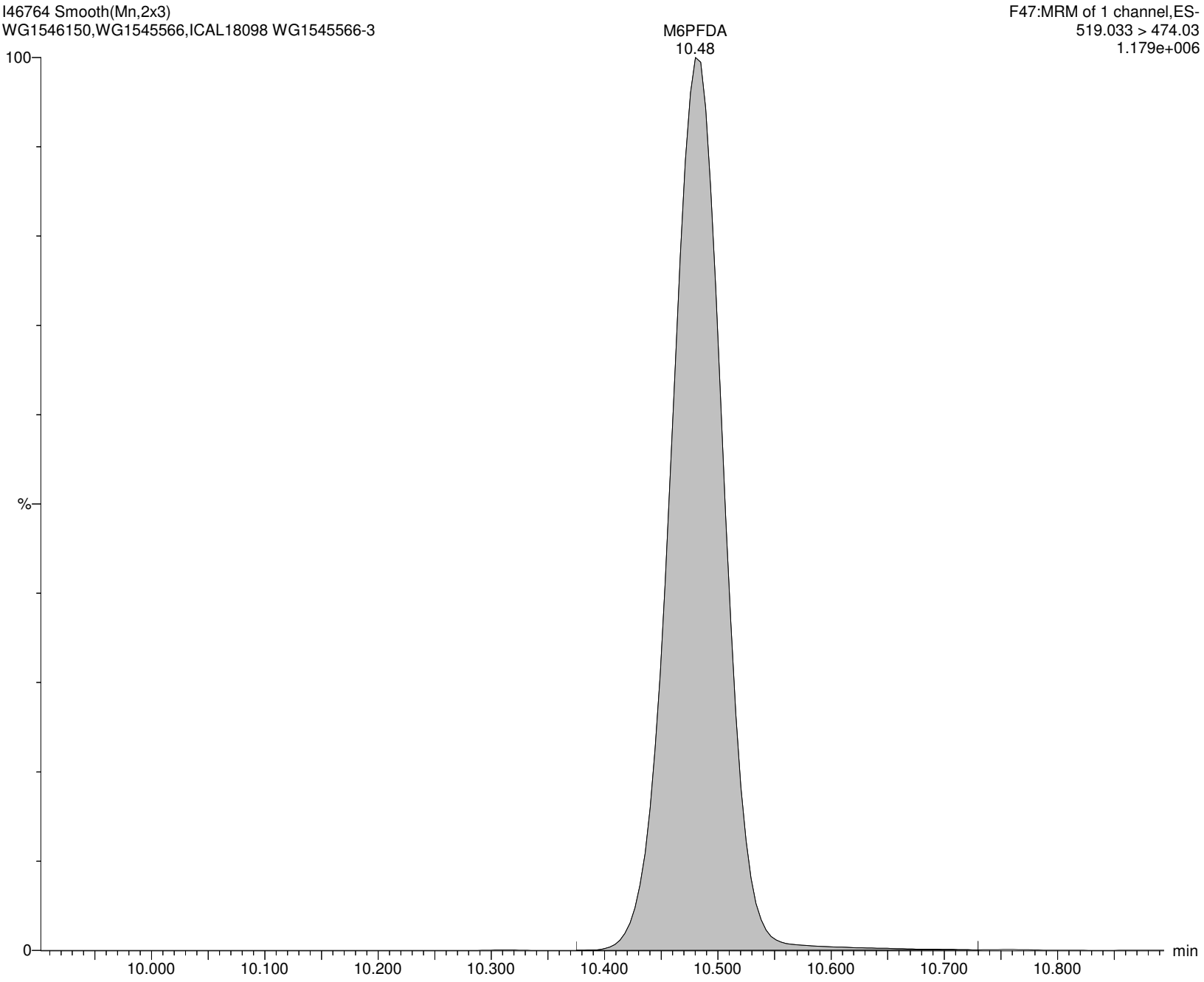


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:56 Eastern Daylight Time

Name: I46764
ID: WG1545566-3
Date: 15-Sep-2021
Time: 05:09:12
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M6PFDA

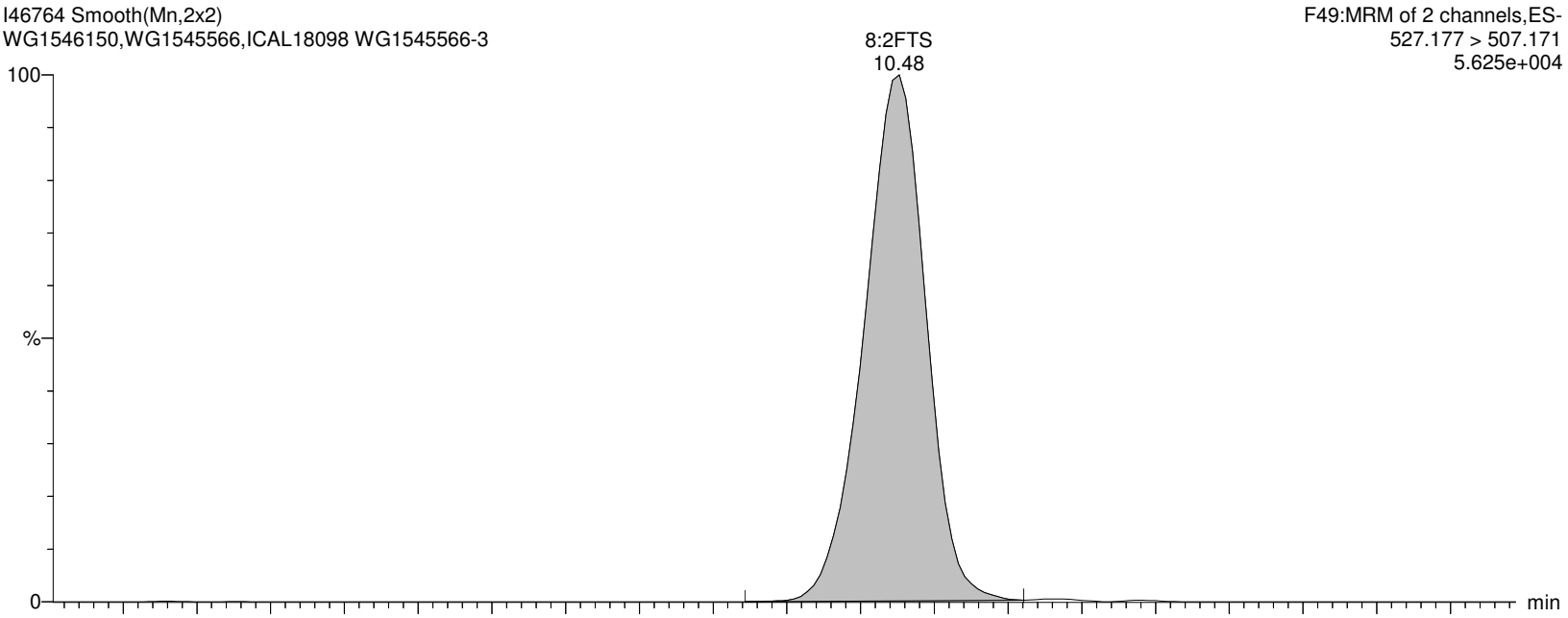


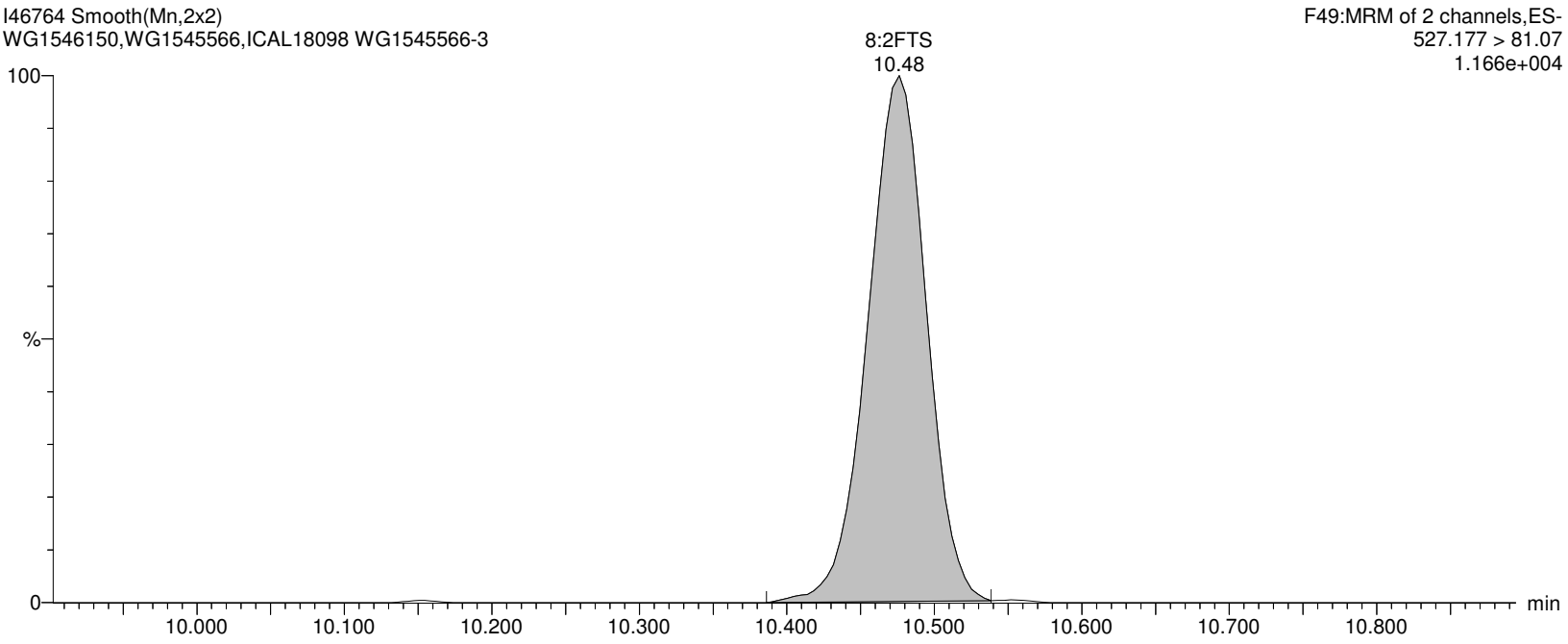
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:56 Eastern Daylight Time

Name: I46764
ID: WG1545566-3
Date: 15-Sep-2021
Time: 05:09:12
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

8:2FTS



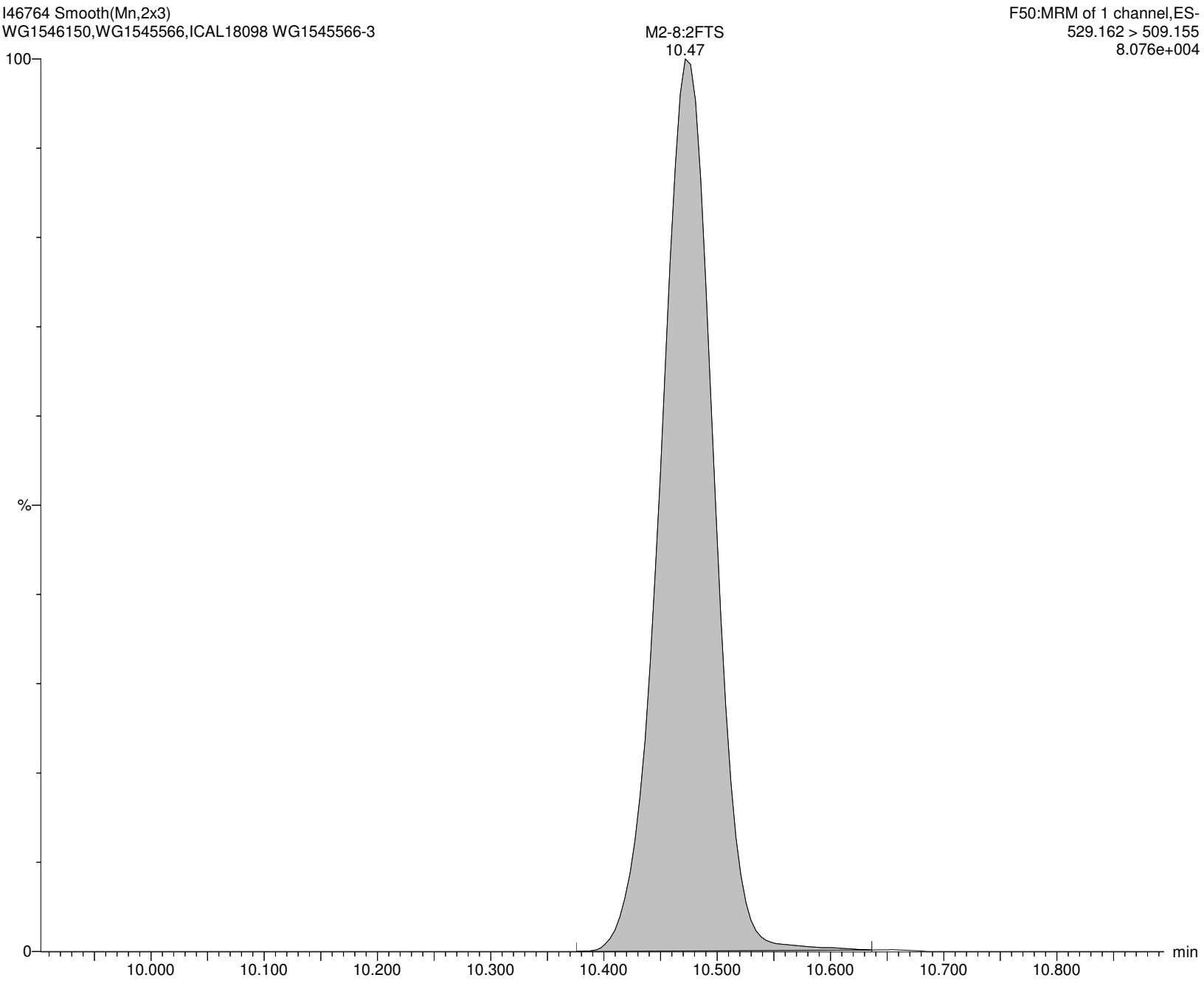


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:56 Eastern Daylight Time

Name: I46764
ID: WG1545566-3
Date: 15-Sep-2021
Time: 05:09:12
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2-8:2FTS

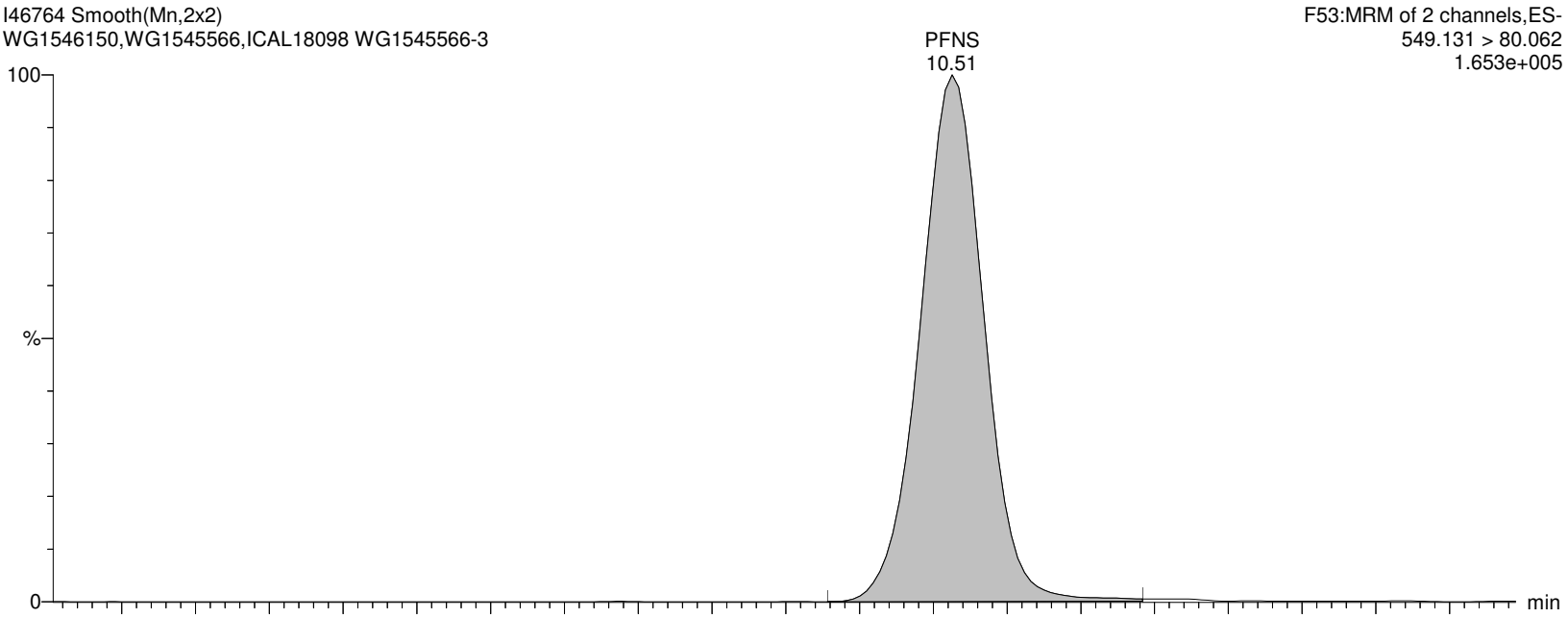


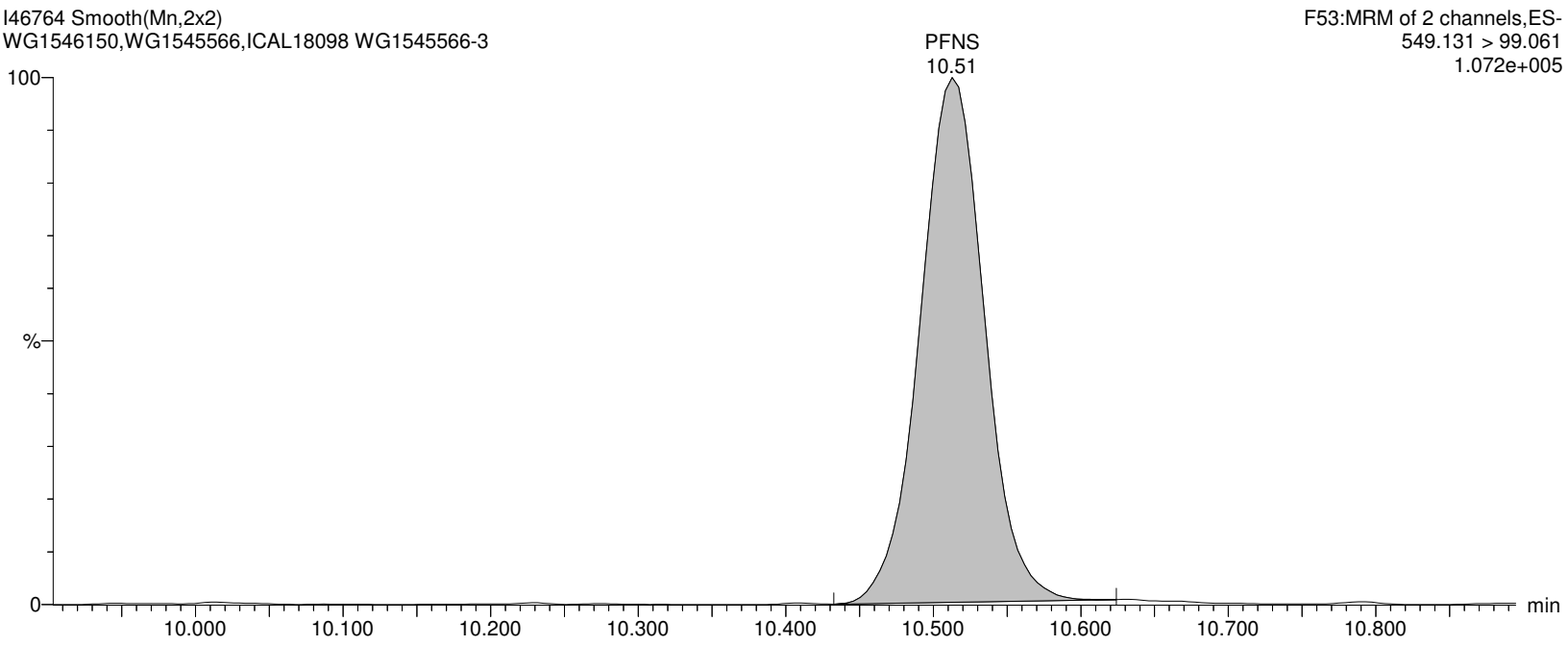
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:56 Eastern Daylight Time

Name: I46764
ID: WG1545566-3
Date: 15-Sep-2021
Time: 05:09:12
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFNS



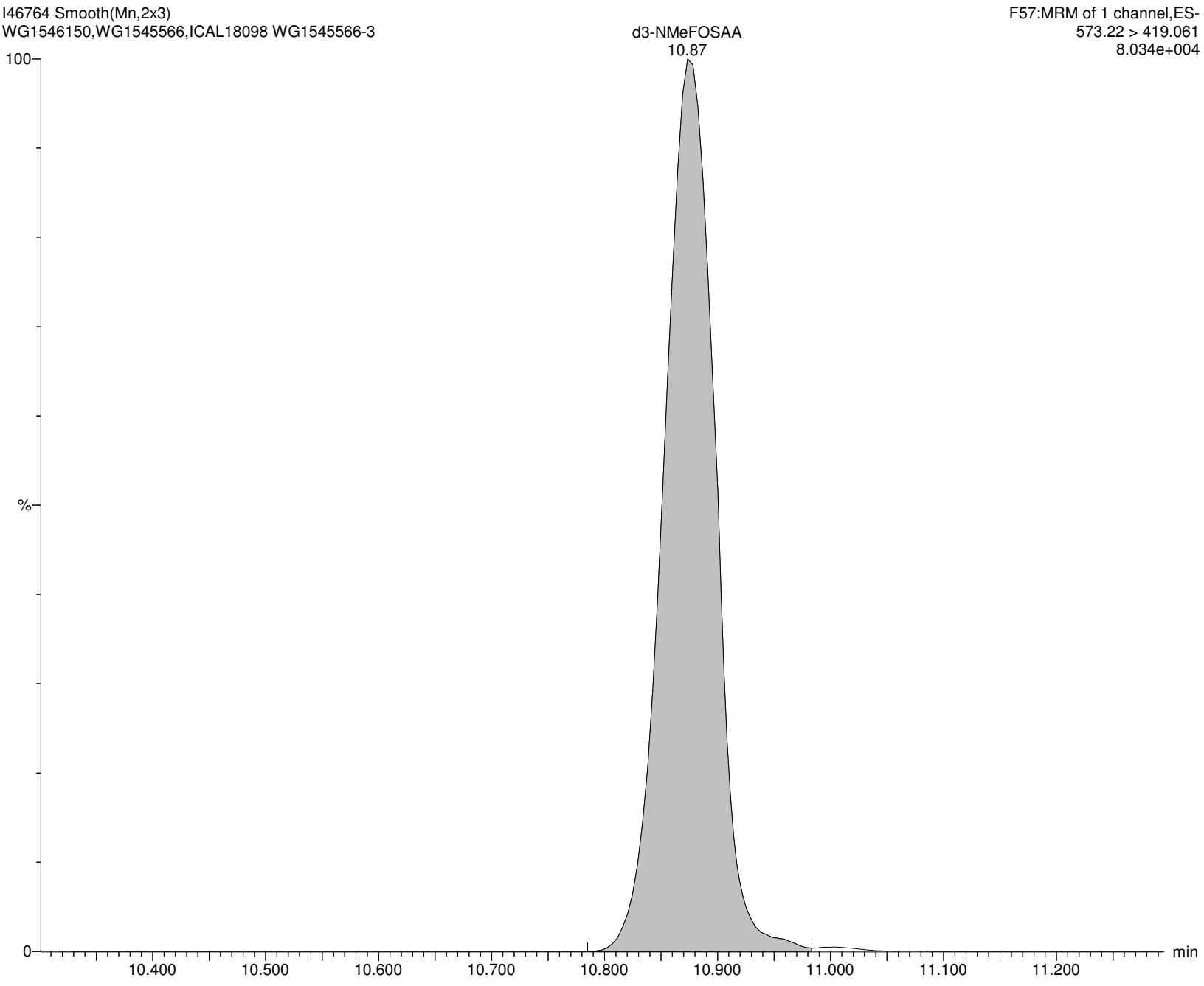


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:56 Eastern Daylight Time

Name: I46764
ID: WG1545566-3
Date: 15-Sep-2021
Time: 05:09:12
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d3-NMeFOSAA

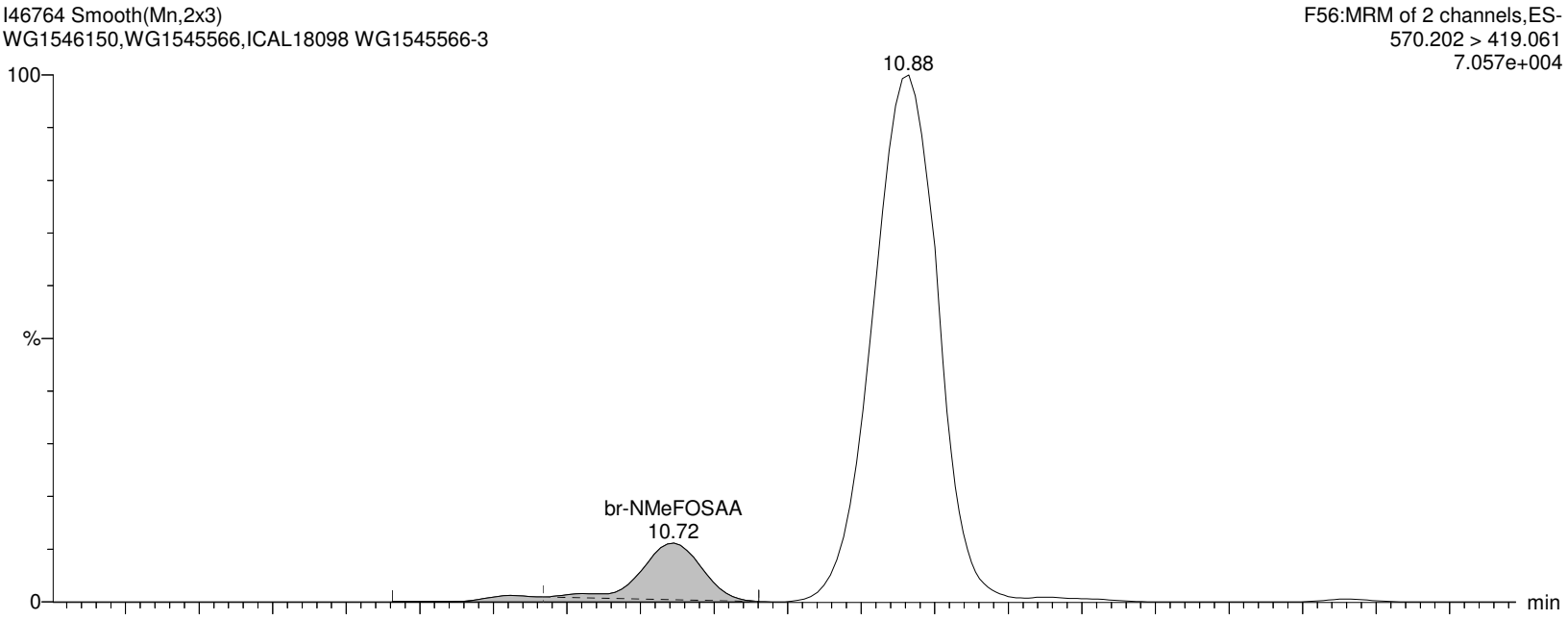


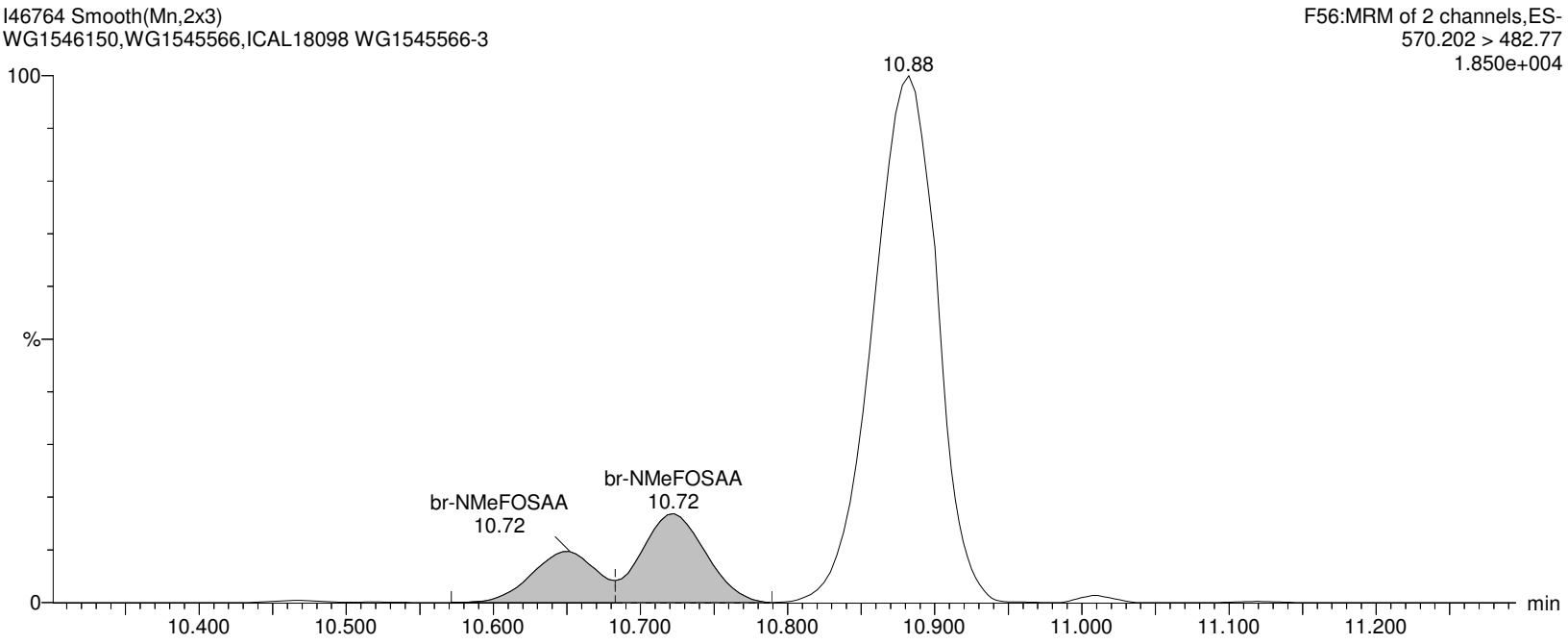
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:56 Eastern Daylight Time

Name: I46764
ID: WG1545566-3
Date: 15-Sep-2021
Time: 05:09:12
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NMeFOSAA



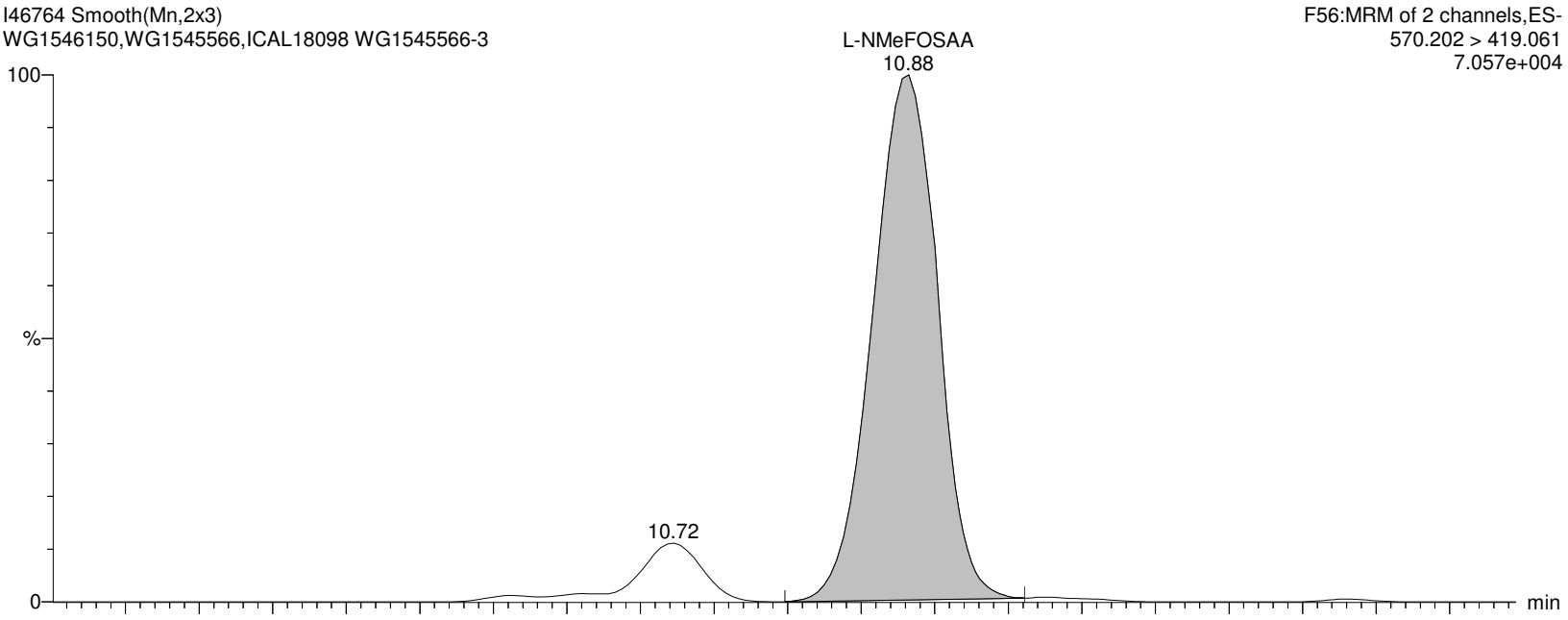


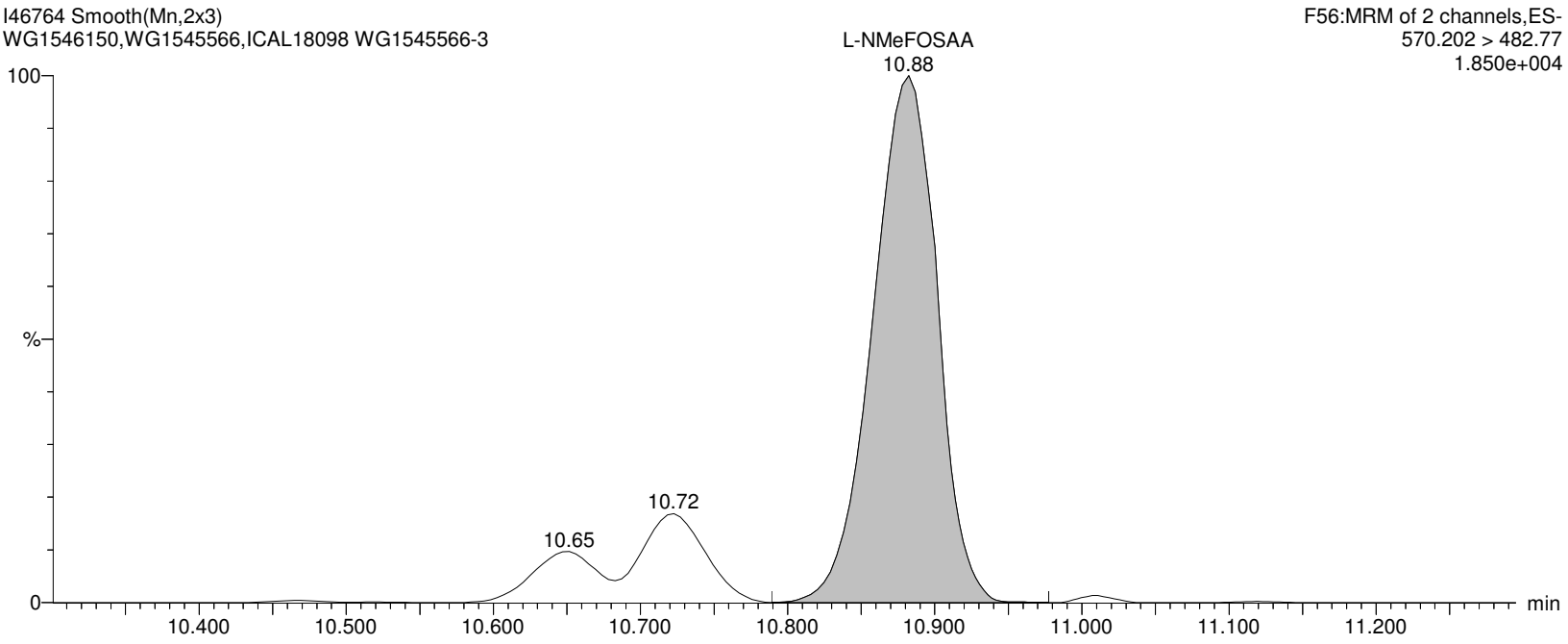
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:56 Eastern Daylight Time

Name: I46764
ID: WG1545566-3
Date: 15-Sep-2021
Time: 05:09:12
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NMeFOSAA



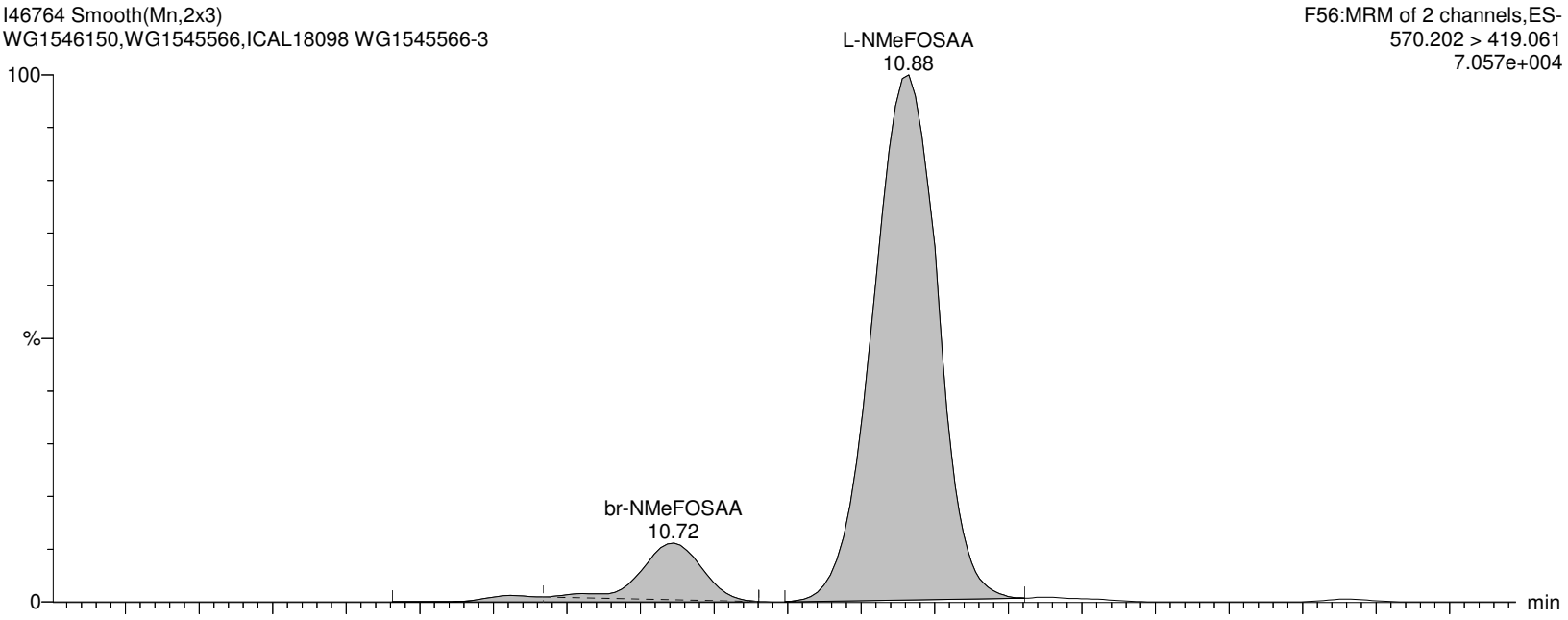


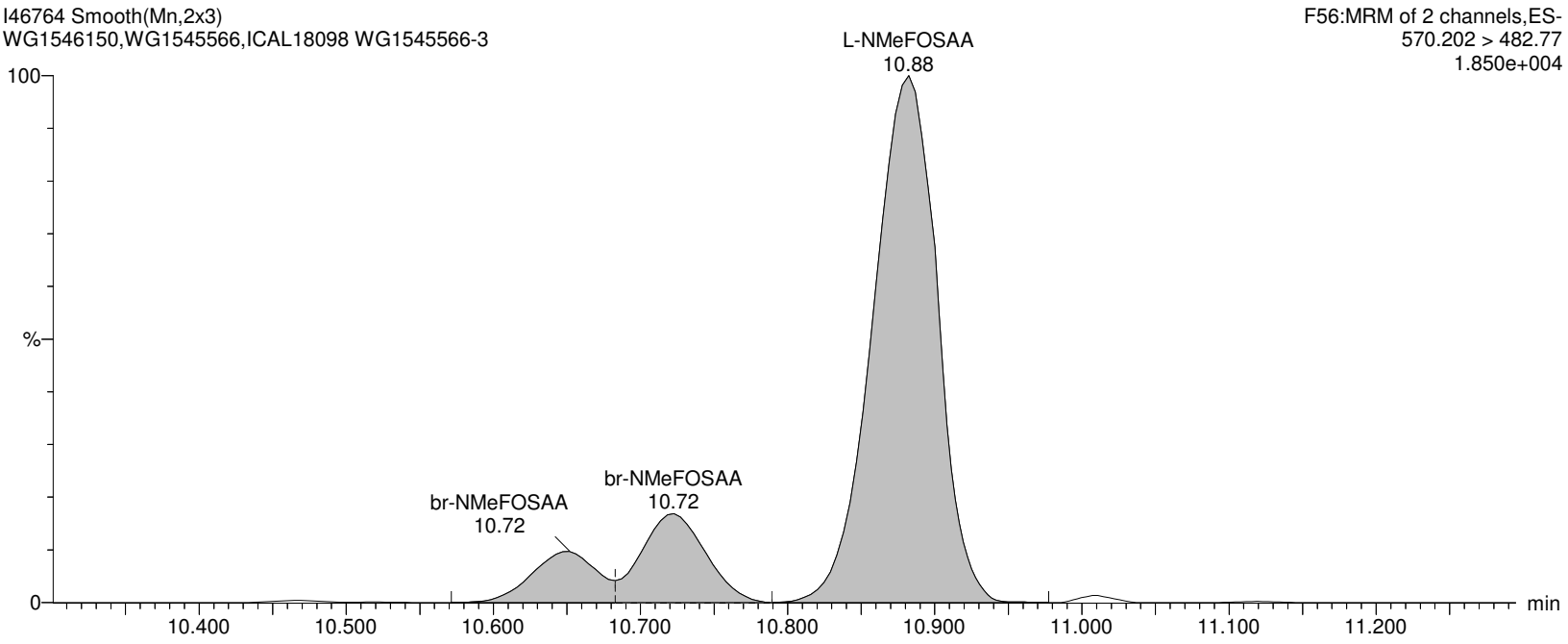
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:56 Eastern Daylight Time

Name: I46764
ID: WG1545566-3
Date: 15-Sep-2021
Time: 05:09:12
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NMeFOSAA



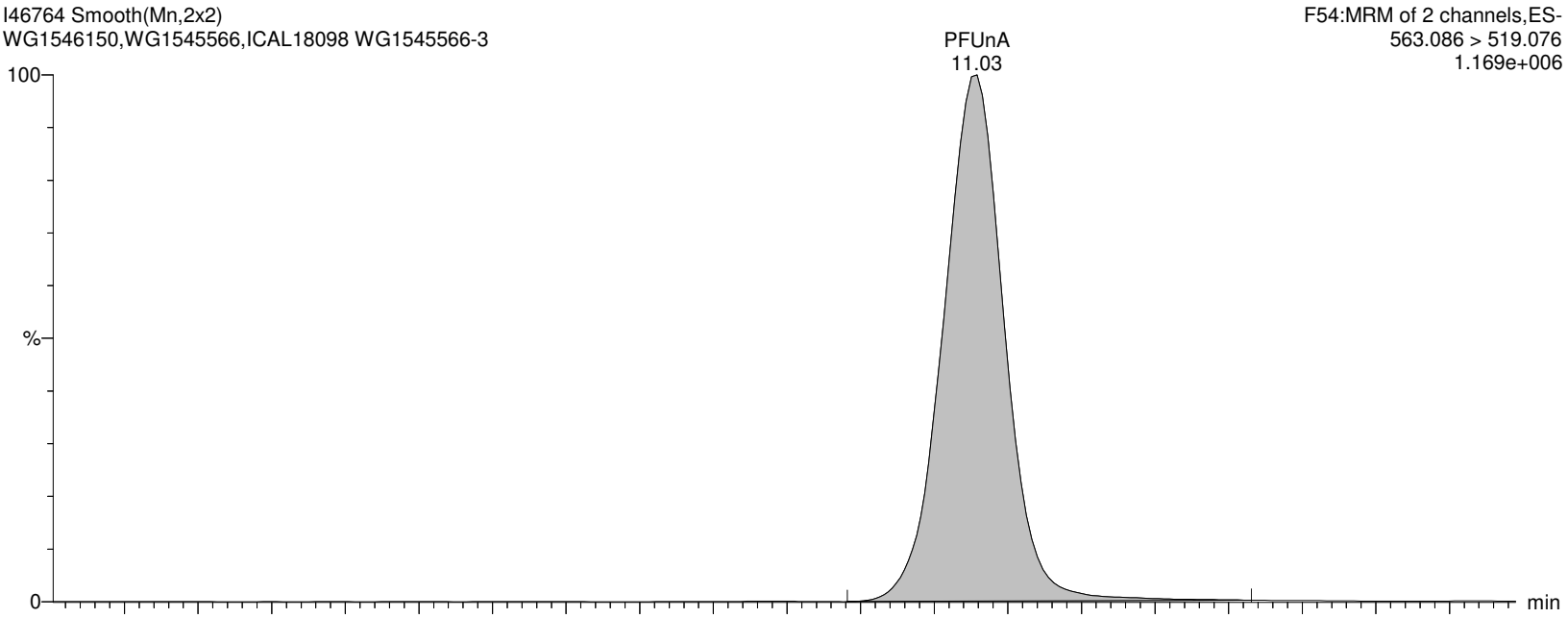


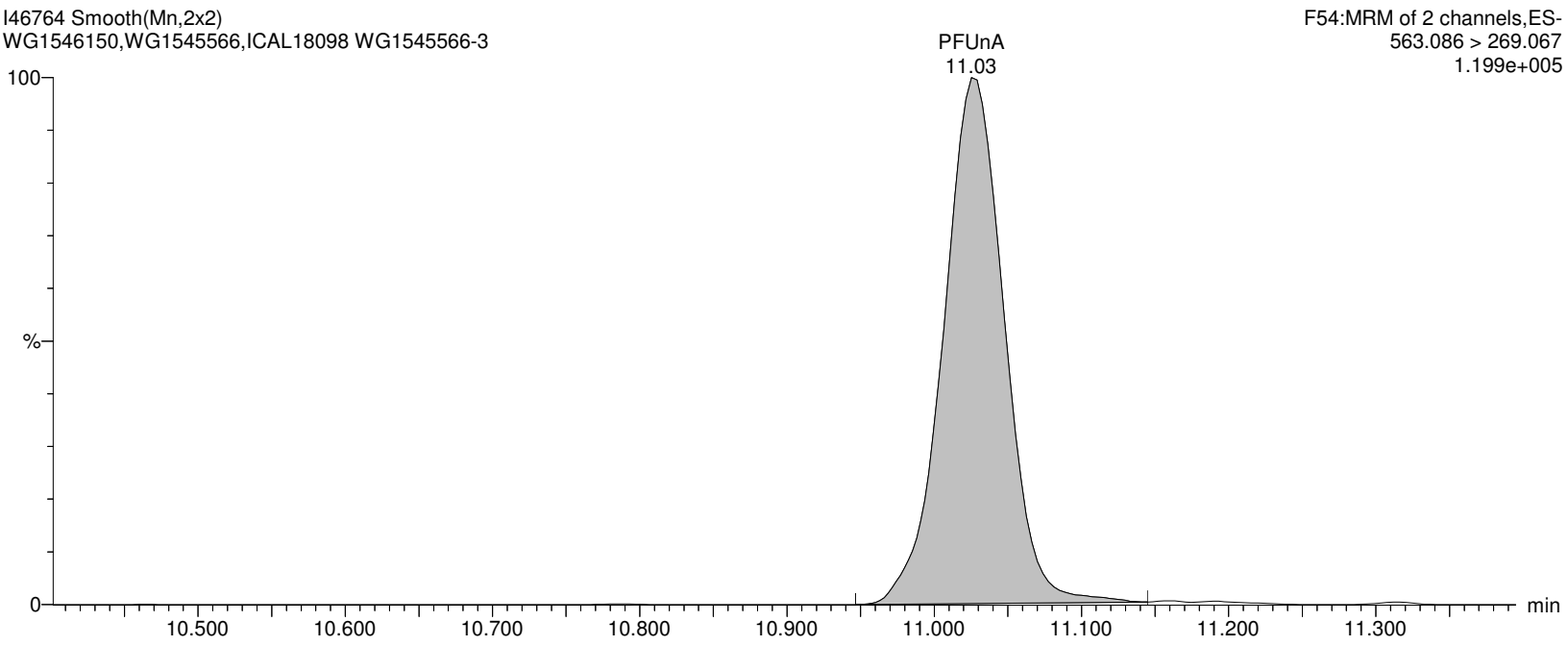
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:56 Eastern Daylight Time

Name: I46764
ID: WG1545566-3
Date: 15-Sep-2021
Time: 05:09:12
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFUnA



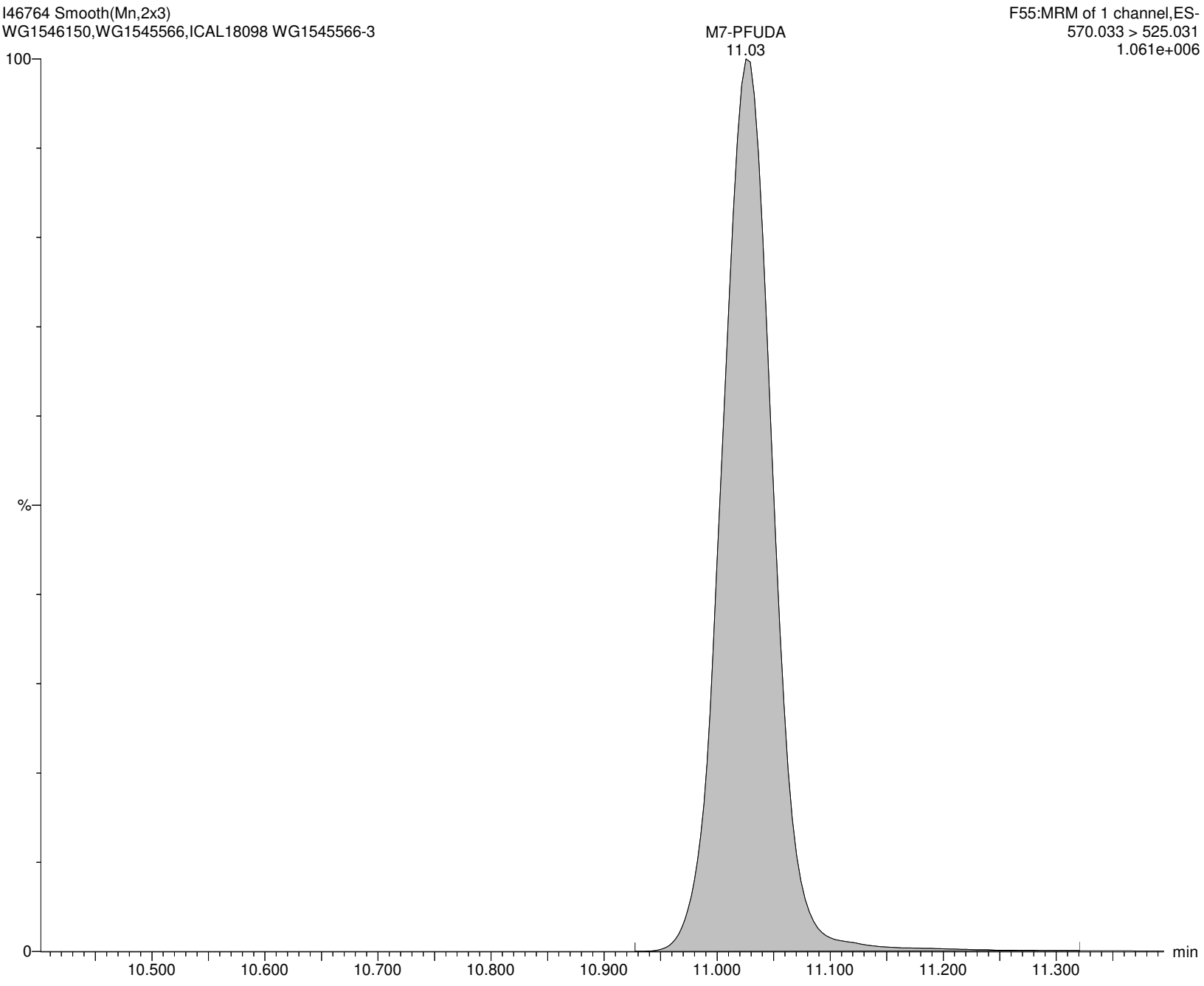


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:56 Eastern Daylight Time

Name: I46764
ID: WG1545566-3
Date: 15-Sep-2021
Time: 05:09:12
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M7-PFUDA

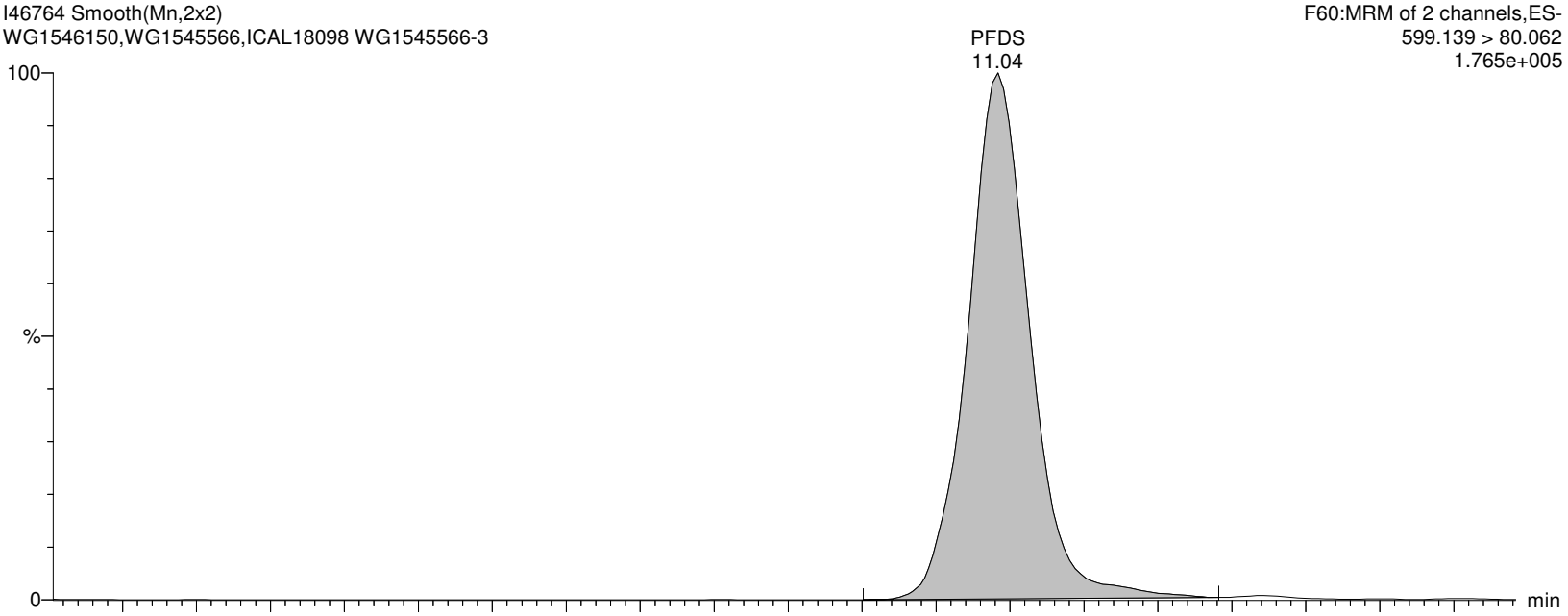


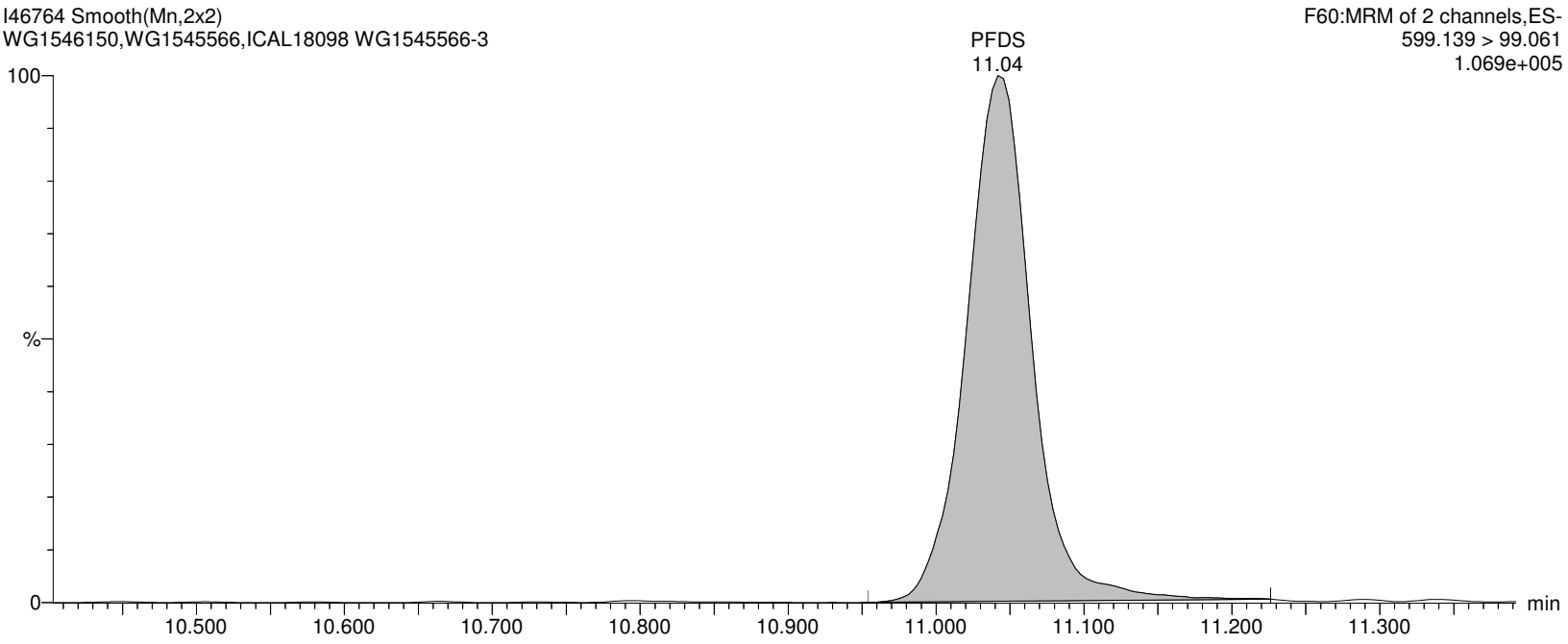
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:56 Eastern Daylight Time

Name: I46764
ID: WG1545566-3
Date: 15-Sep-2021
Time: 05:09:12
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDS



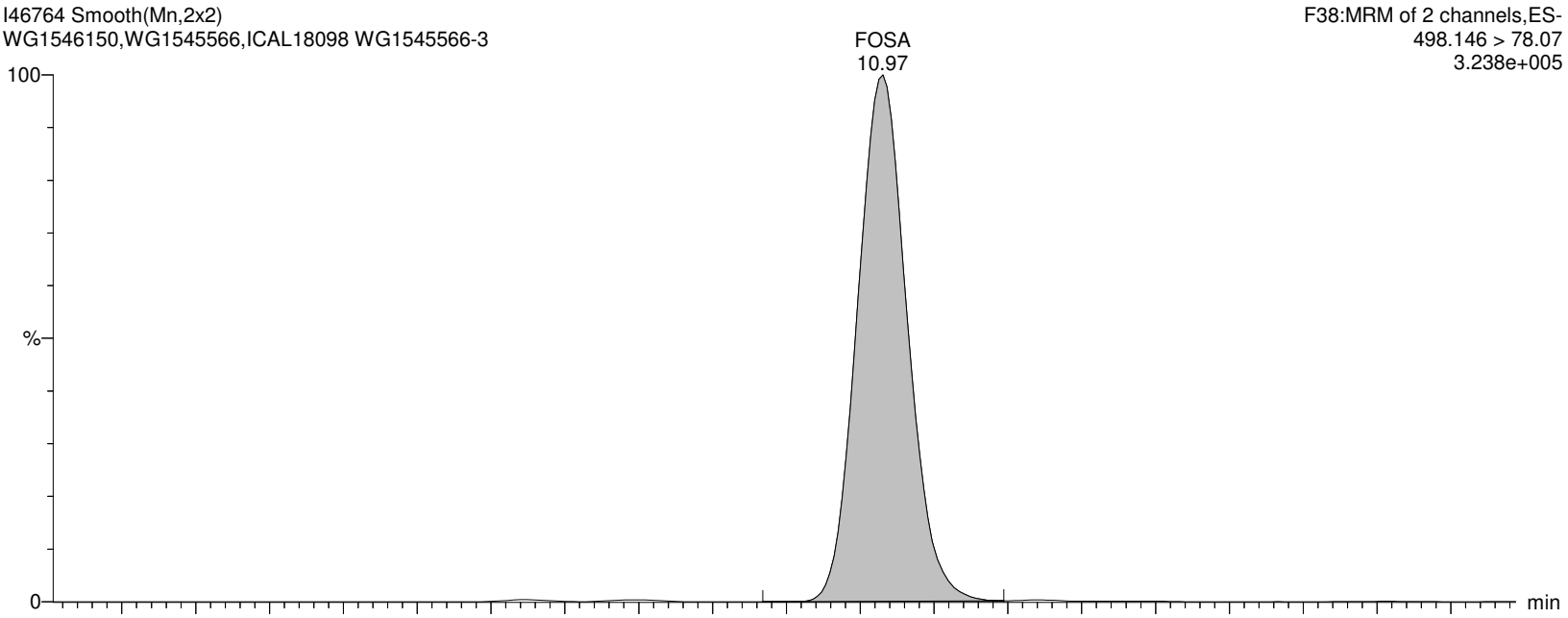


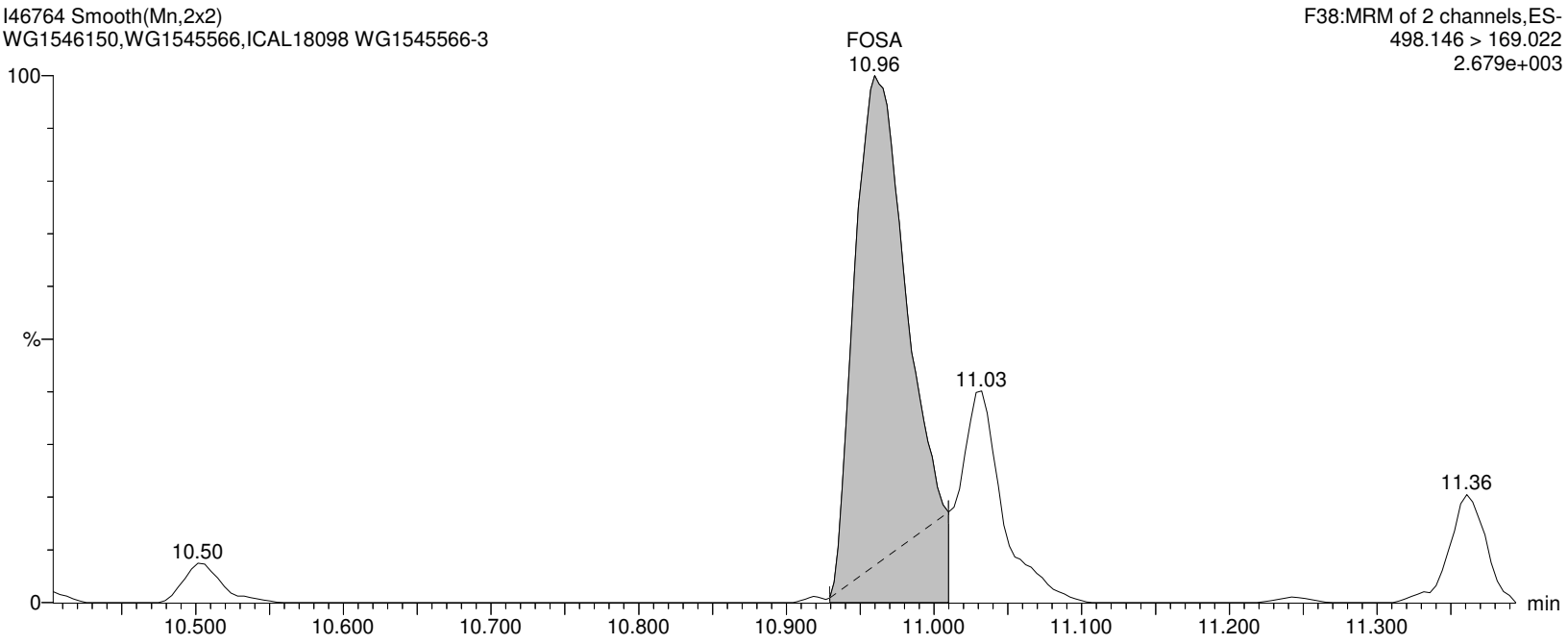
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:56 Eastern Daylight Time

Name: I46764
ID: WG1545566-3
Date: 15-Sep-2021
Time: 05:09:12
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

FOSA



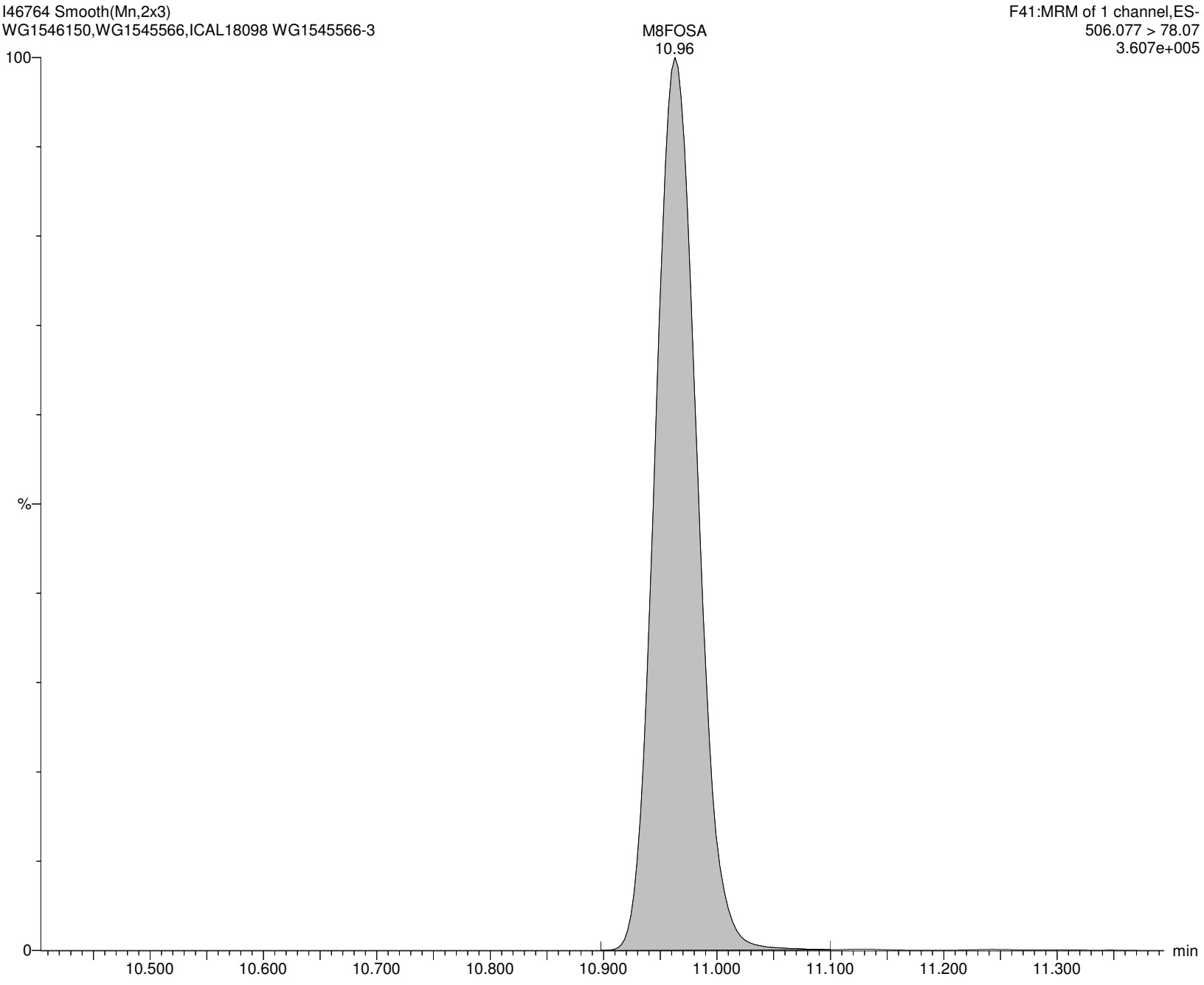


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:56 Eastern Daylight Time

Name: I46764
ID: WG1545566-3
Date: 15-Sep-2021
Time: 05:09:12
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M8FOSA

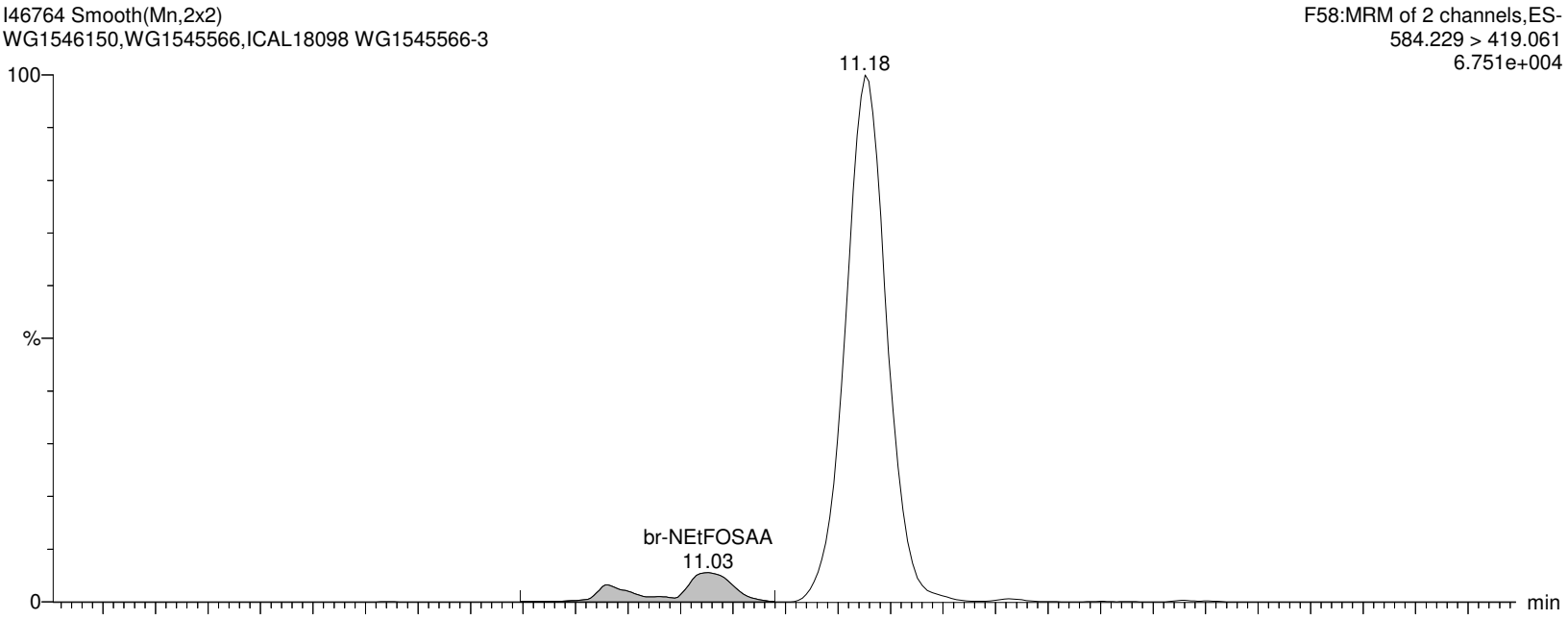


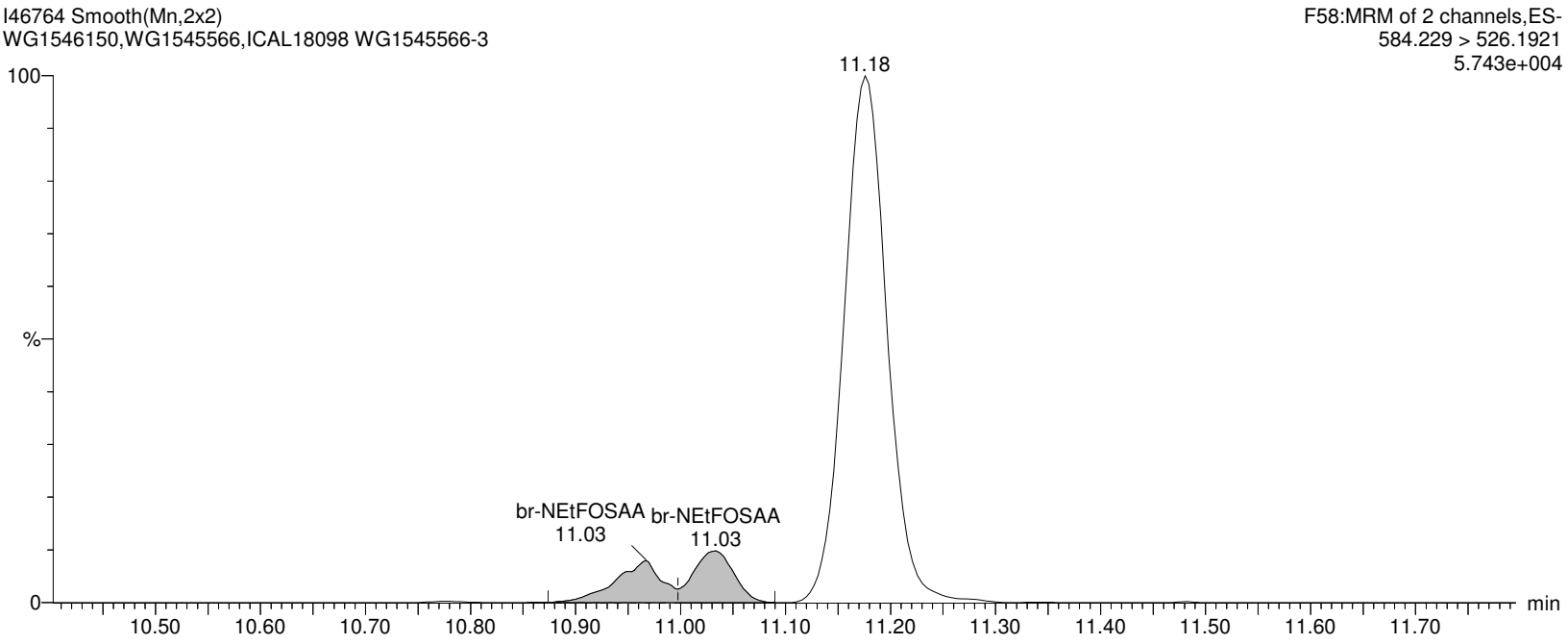
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:56 Eastern Daylight Time

Name: I46764
ID: WG1545566-3
Date: 15-Sep-2021
Time: 05:09:12
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

br-NEtFOSAA



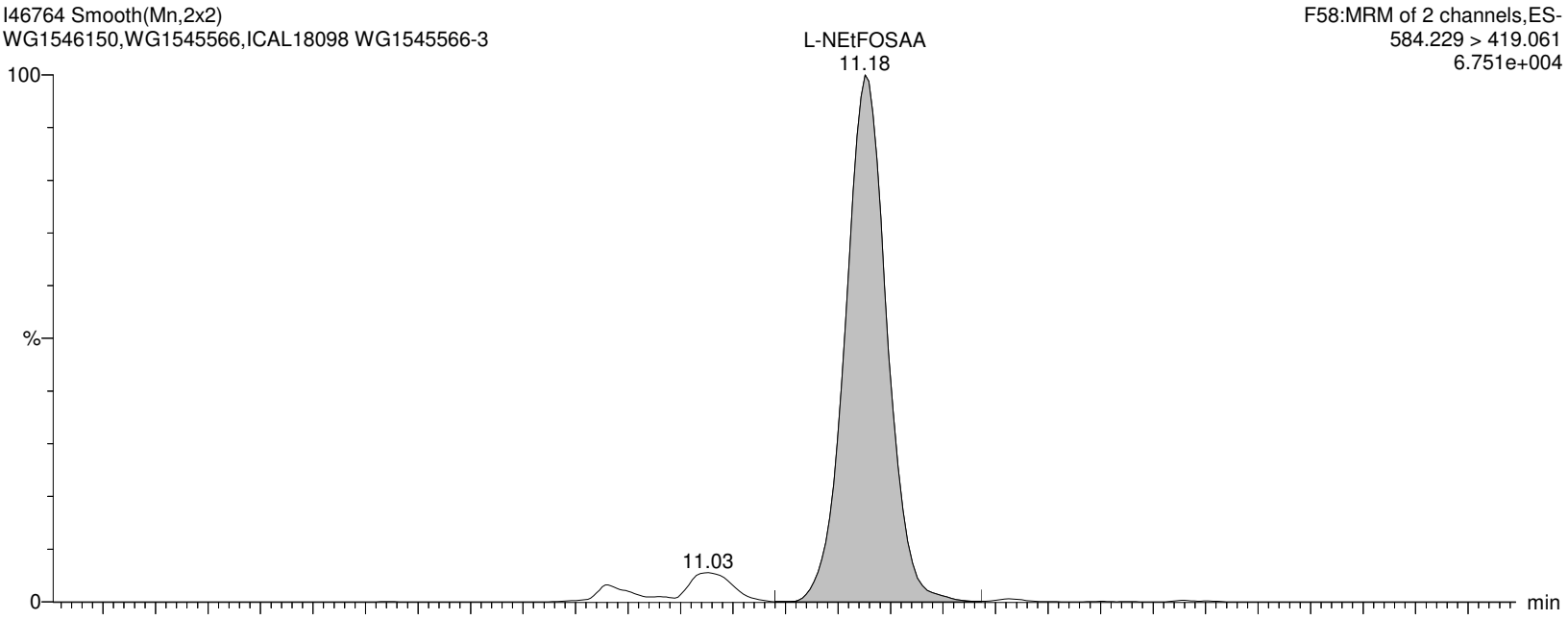


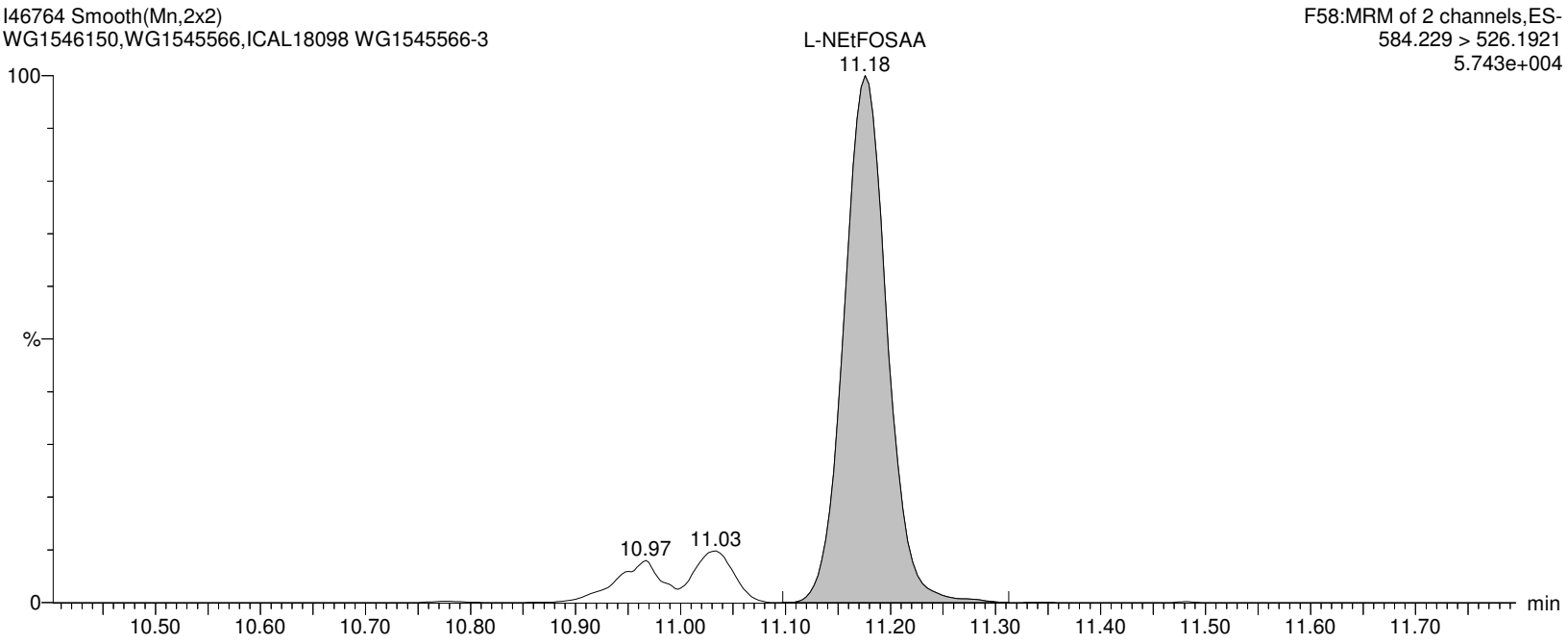
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:56 Eastern Daylight Time

Name: I46764
ID: WG1545566-3
Date: 15-Sep-2021
Time: 05:09:12
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

L-NEtFOSAA



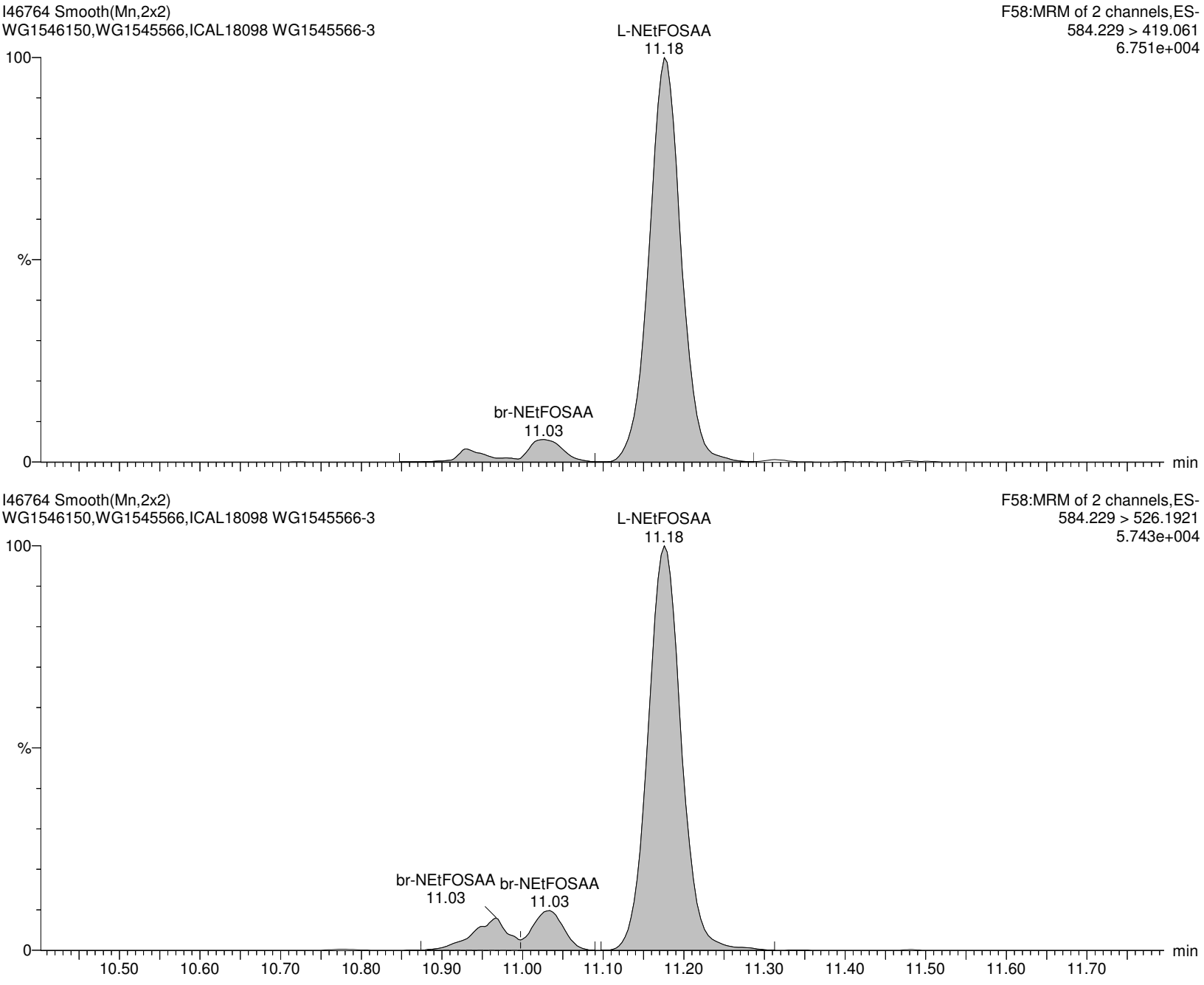


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:56 Eastern Daylight Time

Name: I46764
ID: WG1545566-3
Date: 15-Sep-2021
Time: 05:09:12
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

NEtFOSAA

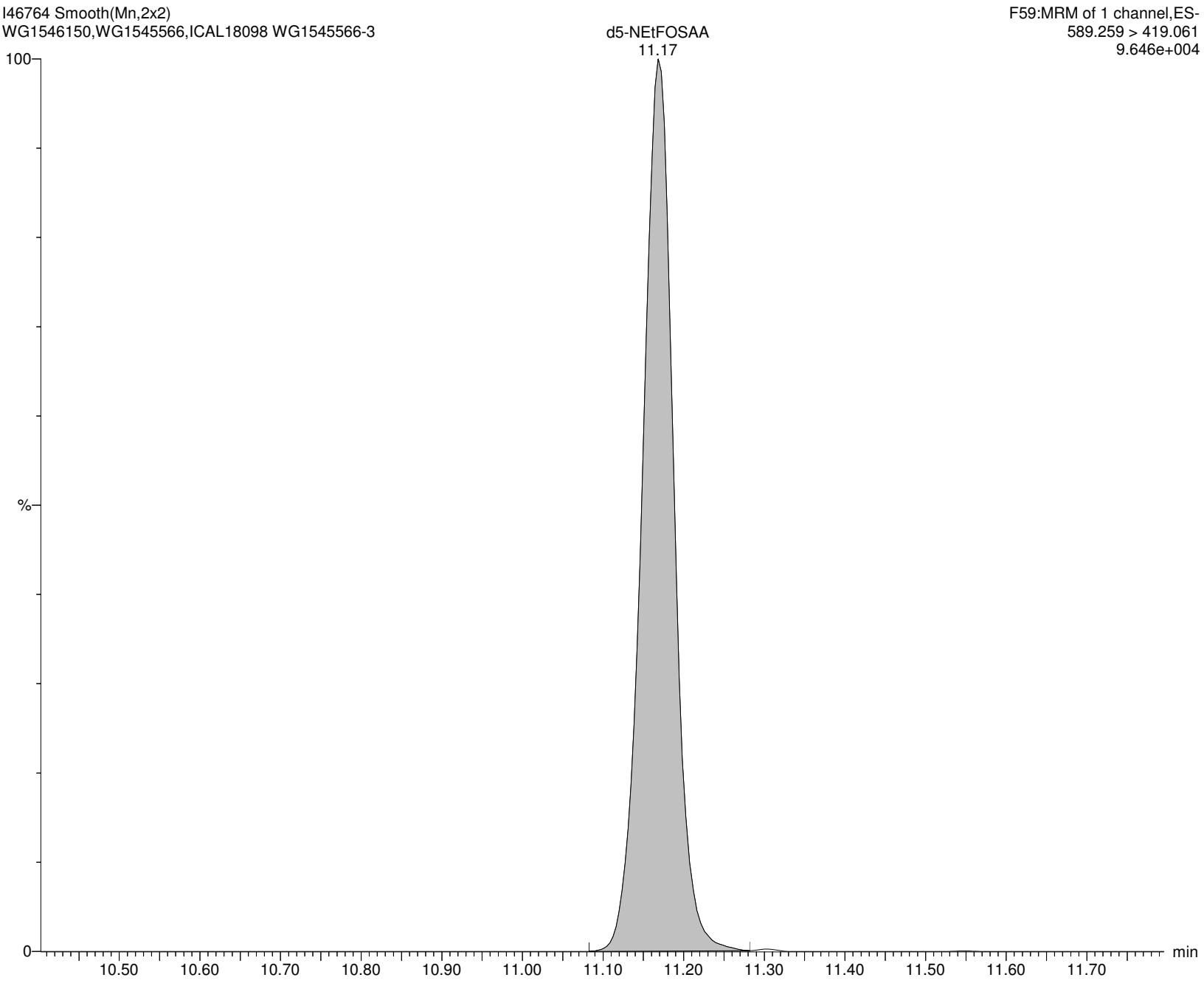


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:56 Eastern Daylight Time

Name: I46764
ID: WG1545566-3
Date: 15-Sep-2021
Time: 05:09:12
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

d5-NEtFOSAA

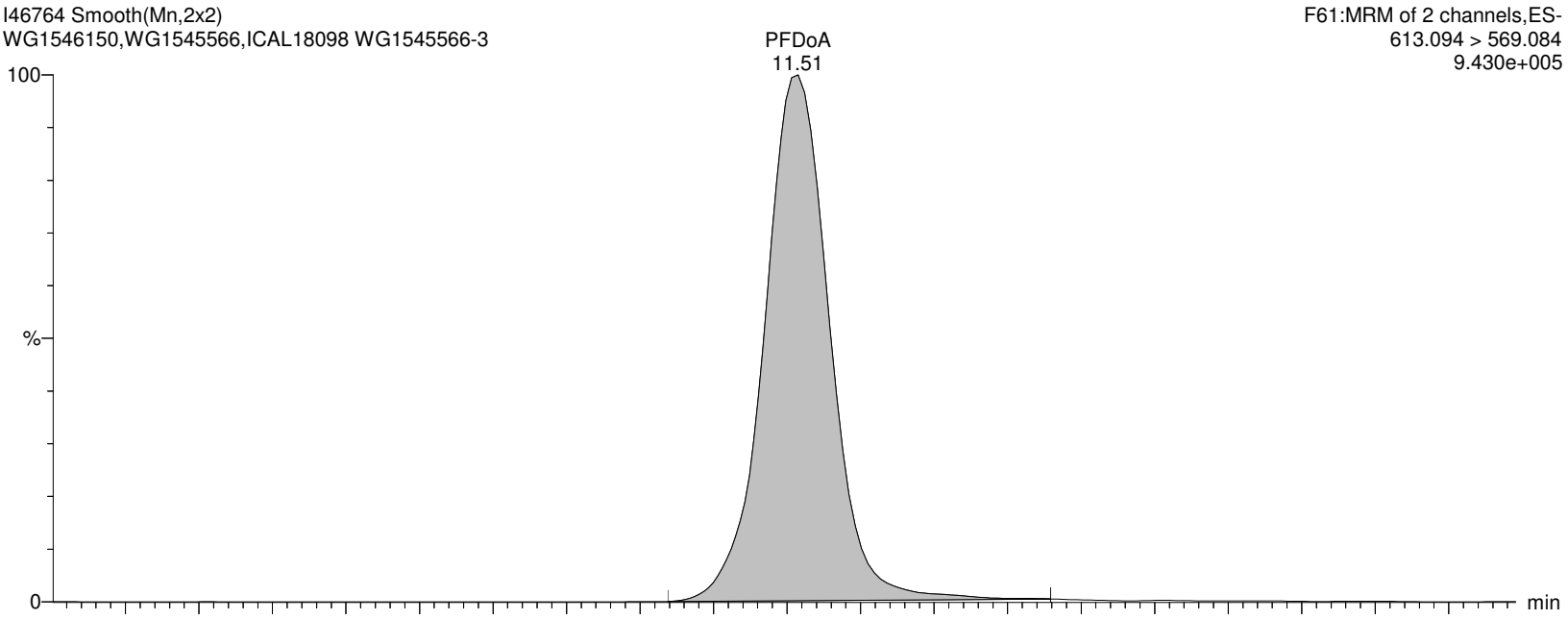


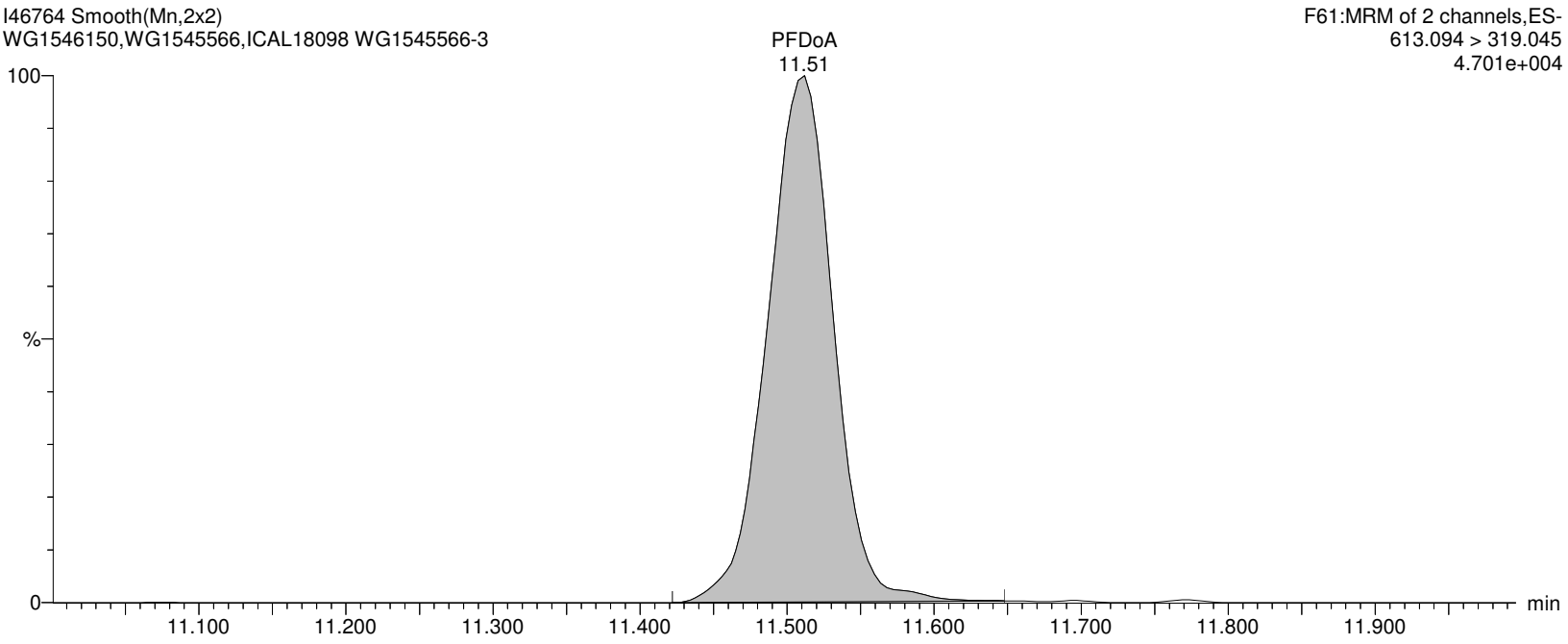
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:56 Eastern Daylight Time

Name: I46764
ID: WG1545566-3
Date: 15-Sep-2021
Time: 05:09:12
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFDoA



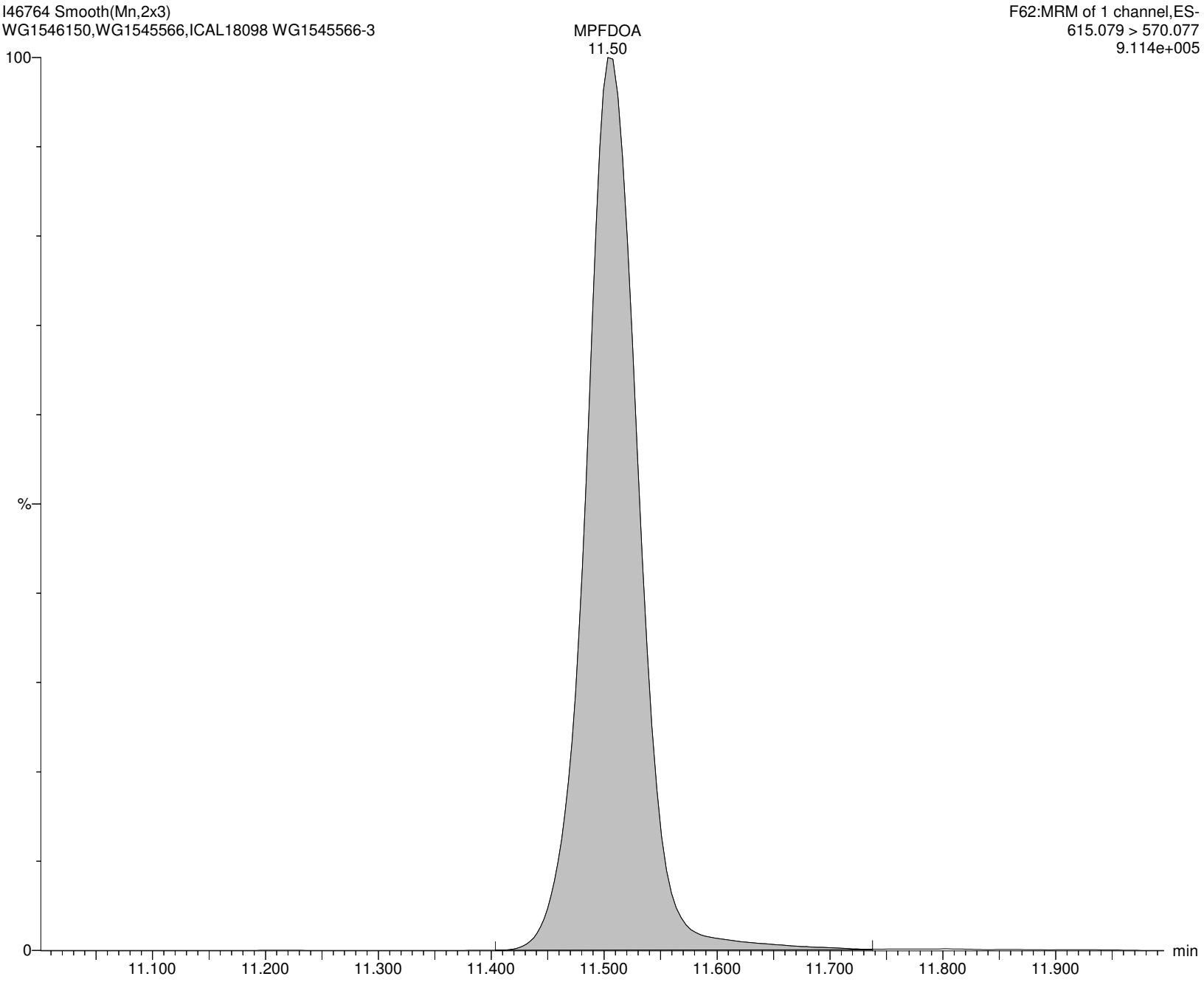


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:56 Eastern Daylight Time

Name: I46764
ID: WG1545566-3
Date: 15-Sep-2021
Time: 05:09:12
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

MPFDOA

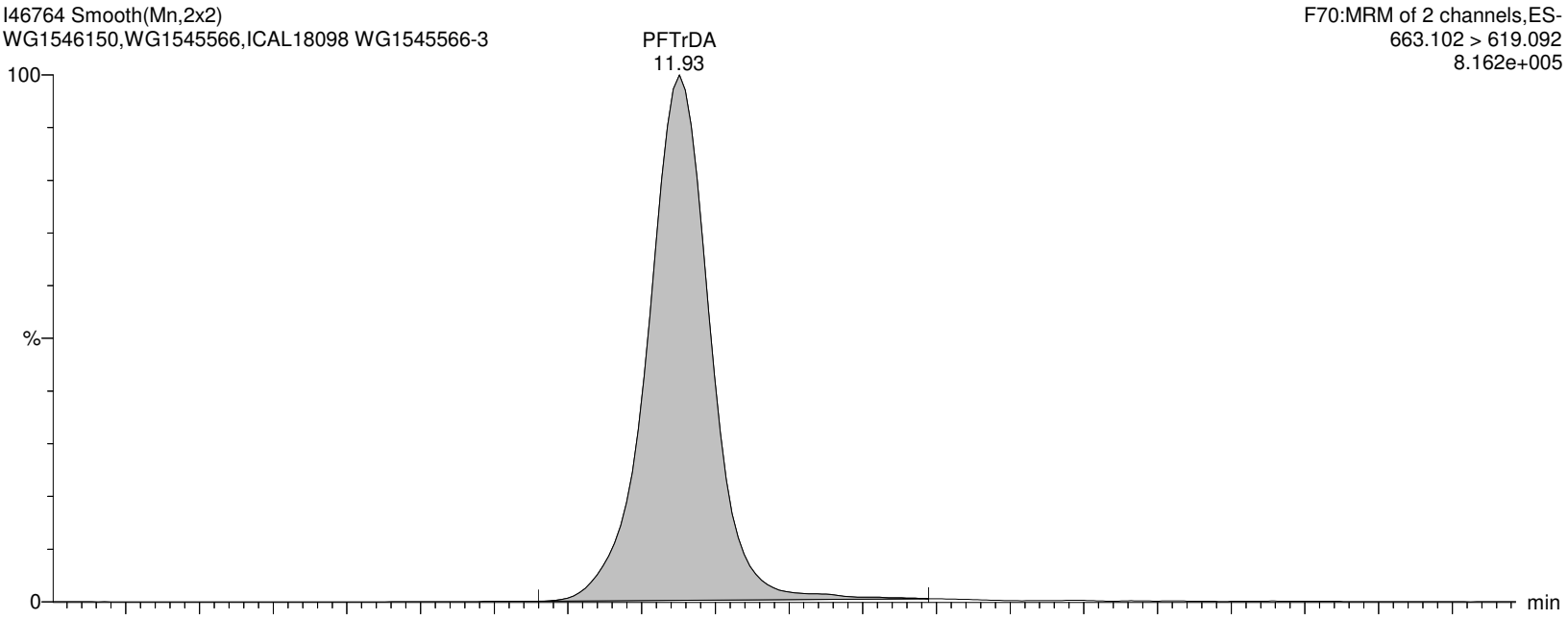


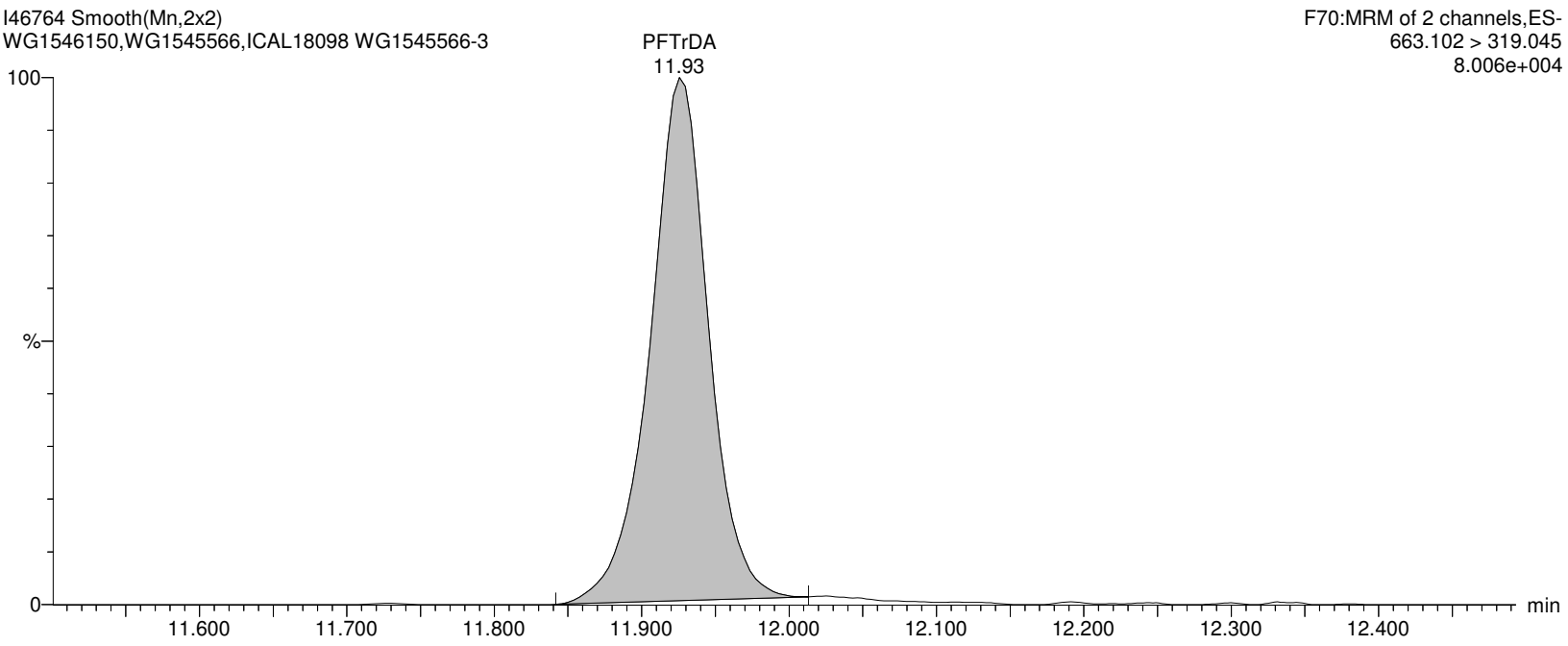
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:56 Eastern Daylight Time

Name: I46764
ID: WG1545566-3
Date: 15-Sep-2021
Time: 05:09:12
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTrDA



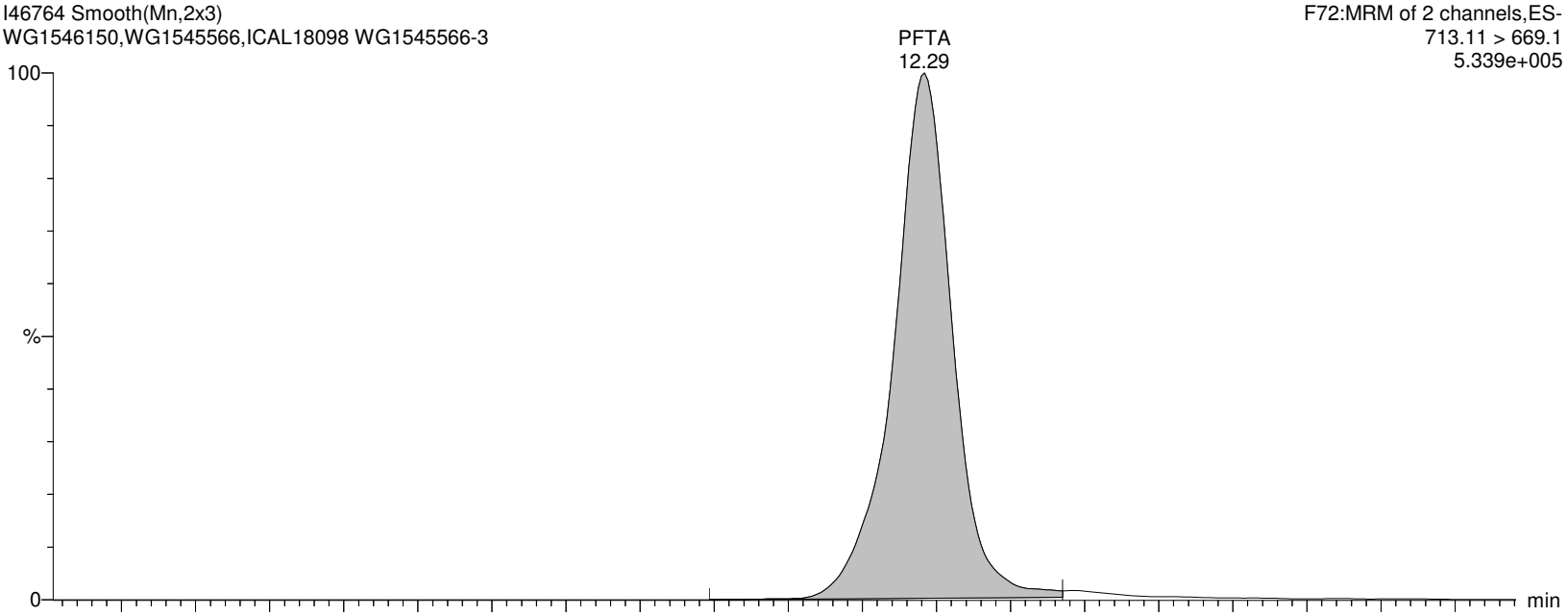


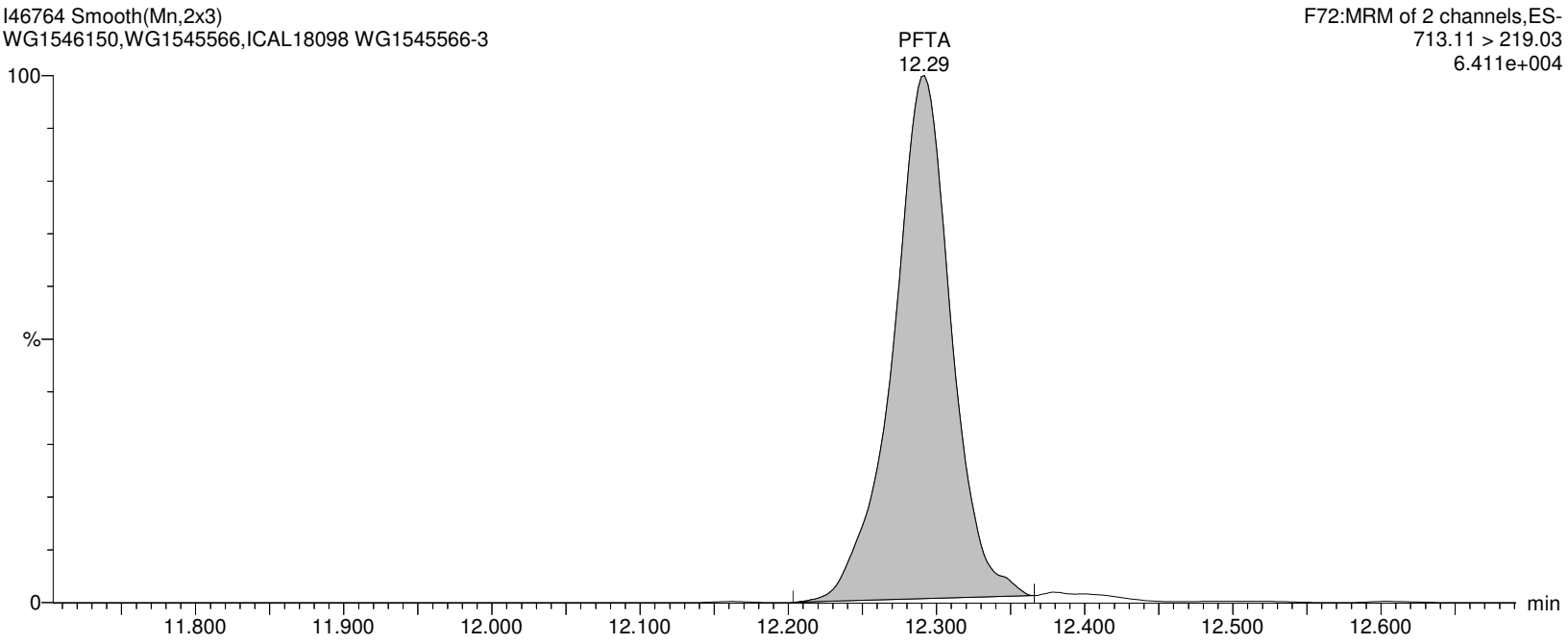
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:56 Eastern Daylight Time

Name: I46764
ID: WG1545566-3
Date: 15-Sep-2021
Time: 05:09:12
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

PFTA



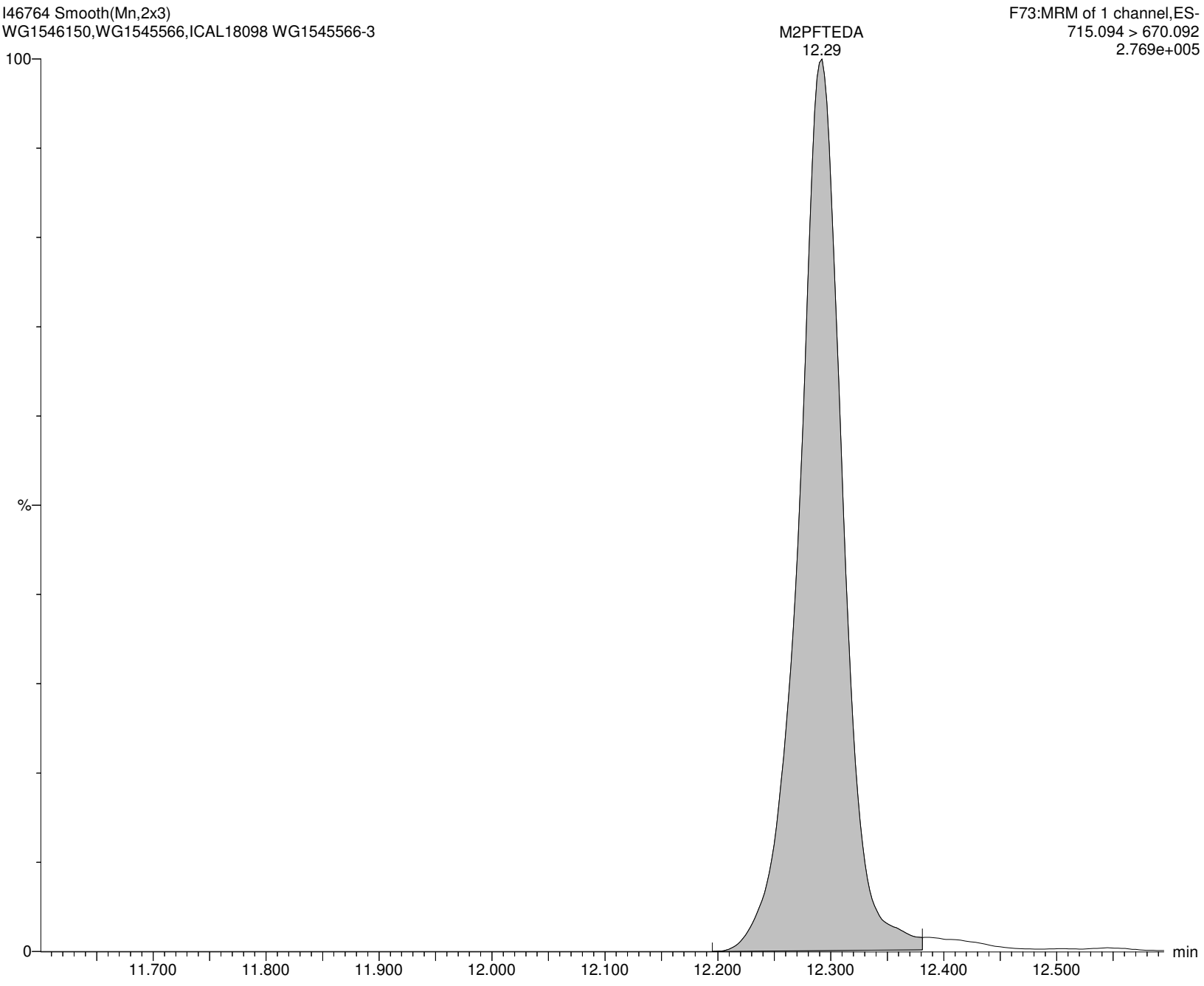


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2021\210914_537ISO.PRO\Data\WG1546150-D.qld
Last Altered: Wednesday, September 15, 2021 13:49:28 Eastern Daylight Time
Printed: Wednesday, September 15, 2021 13:49:56 Eastern Daylight Time

Name: I46764
ID: WG1545566-3
Date: 15-Sep-2021
Time: 05:09:12
Description: WG1546150,WG1545566,ICAL18098
User: LCMS02:SG
Vial: 2:A,1
Instrument: XEVO-TQSmicro#QEB0050
Inlet Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\210601_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2021\210914_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_210302.EXP

M2PFTEDA



all concentration units in (ng/mL)

Calculation of Semi Volatile Organic Compounds

Results of Water Analysis- calculation as performed in report form:

$$\text{Concentration (ug/L)} = \frac{(\text{Conc})\ (\text{Vf})\ (\text{DF})}{(\text{Vi})} \times 1000$$

where:
Conc =Raw on-column concentration obtained from the quantitation report using Initial Calibration results.
Vf = Final volume of extract (mL)
Vi= Volume of sample extracted (mL)
DF= Dilution factor

Results of Sediment/Soil Analysis- calculation as performed in report form:

$$\text{Concentration (ug/Kg)} = \frac{(\text{Conc})\ (\text{Vf})\ (\text{DF})}{(\text{W})\ (\%\text{S})}$$

where:
Conc =Raw on-column concentration obtained from the quantitation report using Initial Calibration results.
Vf = Final volume of extract (mL)
W= Aliquot of sample (wet), g
DF= Dilution factor
%S= Sample %solid (in decimal form)

ALPHA ANALYTICAL LABORATORIES, INC.

Alpha WORK GROUP REPORT (wk02)

Sep 15 2021, 04:40 pm

Work Group: WG1546150 for Department: 32 GC/MS - Semivolatiles

Created: 14-SEP-21 Due: Operator: SG

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2146631-01	NF UNIVERSITY-(LOW VISCOSITY)	S	A2-537-ISOTOPE	WATER	DONE	U	0910	0915	S0	Plastic-A.25
L2146701-01	ND-1	S	A2-537-ISOTOPE-FULL	LIQUID	DONE	U	0910	0917	S0	Plastic-A.25
L2146701-02	ND-2	S	A2-537-ISOTOPE-FULL	LIQUID	DONE	U	0910	0917	S0	Plastic-A.25
L2146701-03	ND-3	S	A2-537-ISOTOPE-FULL	LIQUID	DONE	U	0910	0917	S0	Plastic-A.25
L2146701-04	ND-4	S	A2-537-ISOTOPE-FULL	LIQUID	DONE	U	0910	0917	S0	Plastic-A.25
L2146701-05	ND-5	S	A2-537-ISOTOPE-FULL	LIQUID	DONE	U	0910	0917	S0	Plastic-A.25
L2146701-06	ND-6	S	A2-537-ISOTOPE-FULL	LIQUID	DONE	U	0910	0917	S0	Plastic-A.25
L2146701-07	ND-7	S	A2-537-ISOTOPE-FULL	LIQUID	DONE	U	0910	0917	S0	Plastic-A.25
L2146701-08	ND-8	S	A2-537-ISOTOPE-FULL	LIQUID	DONE	U	0910	0917	S0	Plastic-A.25
L2146701-09	ND-9	S	A2-537-ISOTOPE-FULL	LIQUID	DONE	U	0910	0917	S0	Plastic-A.25
L2146701-11	ND-11	S	A2-537-ISOTOPE-FULL	LIQUID	DONE	U	0910	0917	S0	Plastic-A.25
L2148464-01	7 PIRATE LANE	S	A2-ME-537ISOTOPE-28+	WATER	DONE	U	0923	0923	S0	Plastic-A.25
L2148475-01	111 GREEN ROAD	S	A2-ME-537ISOTOPE-28+	WATER	DONE	U	0923	0923	S0	Plastic-A.25
L2148483-01	94 GREEN ROAD	S	A2-ME-537ISOTOPE-28+	WATER	DONE	U	0923	0923	S0	Plastic-A.25
L2148487-01	64 GREEN ROAD	S	A2-ME-537ISOTOPE-28+	WATER	DONE	U	0923	0923	S0	Plastic-A.25
L2148489-01	107 GREEN ROAD	S	A2-ME-537ISOTOPE-28+	WATER	DONE	U	0923	0923	S0	Plastic-A.25
L2148491-01	83 GREEN ROAD	S	A2-ME-537ISOTOPE-28+	WATER	DONE	U	0923	0923	S0	Plastic-A.25
L2148493-01	97 GREEN ROAD	S	A2-ME-537ISOTOPE-28+	WATER	DONE	U	0923	0923	S0	Plastic-A.25
L2148498-01	99 GREEN ROAD	S	A2-ME-537ISOTOPE-28+	WATER	DONE	U	0923	0923	S0	Plastic-A.25
L2148501-01	73 GREEN ROAD	S	A2-ME-537ISOTOPE-28+	WATER	DONE	U	0923	0923	S0	Plastic-A.25
L2148505-01	92 GREEN ROAD	S	A2-ME-537ISOTOPE-28+	WATER	DONE	U	0923	0923	S0	Plastic-A.25
L2148506-01	80 GREEN ROAD	S	A2-ME-537ISOTOPE-28+	WATER	DONE	U	0923	0923	S0	Plastic-A.25
L2148509-01	87 GREEN ROAD	S	A2-ME-537ISOTOPE-28+	WATER	DONE	U	0923	0923	S0	Plastic-A.25
L2148511-01	68 GREEN ROAD	S	A2-ME-537ISOTOPE-28+	WATER	DONE	U	0923	0923	S0	Plastic-A.25
L2148513-01	122 GREEN ROAD	S	A2-ME-537ISOTOPE-28+	WATER	DONE	U	0923	0923	S0	Plastic-A.25
L2148518-01	116 GREEN ROAD	S	A2-ME-537ISOTOPE-28+	WATER	DONE	U	0923	0923	S0	Plastic-A.25
L2148522-01	51 PALMER RD AFTER	S	A2-ME-537ISOTOPE-28+	WATER	DONE	U	0922	0923	S0	Plastic-A.25
L2148522-02	51 PALMER RD BETWEEN	S	A2-ME-537ISOTOPE-28+	WATER	DONE	U	0922	0923	S0	Plastic-A.25
L2148522-03	51 PALMER RD BEFORE	S	A2-ME-537ISOTOPE-28+	WATER	DONE	U	0922	0923	S0	Plastic-A.25
L2148526-01	MW-204	S	A2-NY-537-ISOTOPE	WATER	DONE	U	0923	0923	S0	Plastic-A.25
L2148526-02	MW-205	S	A2-NY-537-ISOTOPE	WATER	DONE	U	0923	0923	S0	Plastic-A.25
L2148526-03	MW-206	S	A2-NY-537-ISOTOPE	WATER	DONE	U	0923	0923	S0	Plastic-A.25
L2148526-04	MW-207	S	A2-NY-537-ISOTOPE	WATER	DONE	U	0923	0923	S0	Plastic-A.25
L2148526-05	MW-209	S	A2-NY-537-ISOTOPE	WATER	DONE	U	0923	0923	S0	Plastic-A.25
L2148526-06	MW-211	S	A2-NY-537-ISOTOPE	WATER	DONE	U	0923	0923	S0	Plastic-A.25
L2148526-07	MW-214	S	A2-NY-537-ISOTOPE	WATER	DONE	U	0923	0923	S0	Plastic-A.25
L2148526-08	FB	S	A2-NY-537-ISOTOPE	WATER	DONE	U	0923	0923	S0	Plastic-A.25
L2148585-02	TMW05_090921	S	A2-NY-537-ISOTOPE	WATER	SEC	U	0923	0923	S0	537ISET
L2148585-04	GWFB01_090921	S	A2-NY-537-ISOTOPE	WATER	SEC	U	0923	0923	S0	537ISET
L2148585-05	SBFB01_090821	S	A2-NY-537-ISOTOPE	WATER	SEC	U	0922	0923	S0	Plastic-A.25
WG1544251-13	Duplicate Sample	S	A2-537-ISOTOPE	WATER	DONE	U				
WG1545566-1	Laboratory Method Bl	S	A2-NY-537-ISOTOPE	WATER	DONE	U				
WG1545566-2	Laboratory Control S	S	A2-NY-537-ISOTOPE	WATER	DONE	U				
WG1545566-3	Matrix Spike	S	A2-NY-537-ISOTOPE	WATER	DONE	U				
WG1545566-4	Duplicate Sample	S	A2-NY-537-ISOTOPE	WATER	DONE	U				
WG1545640-3	Matrix Spike	S	A2-537-ISOTOPE-FULL	LIQUID	DONE	U				
WG1545640-4	Duplicate Sample	S	A2-537-ISOTOPE-FULL	LIQUID	DONE	U				
WG1545908-1	Laboratory Method Bl	S	A2-ME-537ISOTOPE-28+	WATER	DONE	U				
WG1545908-2	Laboratory Control S	S	A2-ME-537ISOTOPE-28+	WATER	DONE	U				
WG1545908-3	Matrix Spike	S	A2-ME-537ISOTOPE-28+	WATER	DONE	U				
WG1545908-4	Duplicate Sample	S	A2-ME-537ISOTOPE-28+	WATER	DONE	U				

Comments:

WG1544251-13	L2146631-01
WG1545566-3	L2148526-01
WG1545566-4	L2148526-02
WG1545640-3	L2146701-01
WG1545640-4	L2146701-02
WG1545908-3	L2148464-01
WG1545908-4	L2148489-01

	Vial	File Name	File Text	Sample ID
1	---	---	ISLOT#LC_ISO_ISTD_210614	SURROGATE LOT#LC_ISO_SURR_210613
2	---	---	TOPSURR_LC_TOPSURR_210326	ADONSURR LOT# LC_ISO_ADDON_210614
3	1:C,2	I42785	WG1515769,,,LC_ICAL_STD_210517 50 uL of 10	IA537STD-.5
4	1:C,3	I42786	WG1515769,,,LC_ICAL_STD_210517 100 uL of 10	IA537STD-1
5	1:C,4	I42787	WG1515769,,,LC_ICAL_STD_210517 200 uL of 10	IA537STD-2
6	1:C,5	I42788	WG1515769,,,LC_ICAL_STD_210517 50 uL of 100	IA537STD-5
7	1:C,6	I42789	WG1515769,,,LC_ICAL_STD_210517 100 uL OF 100	IA537STD-10
8	1:C,7	I42790	WG1515769,,,LC_ICAL_STD_210517 50 uL	IA537STD-25
9	1:C,8	I42791	WG1515769,,,LC_ICAL_STD_210517 100 uL	IA537STD-50
10	1:D,1	I42792	WG1515769,,,LC_ICAL_STD_210517 200 uL	IA537STD-100
11	1:D,2	I42793	WG1515769,,,LC_ICAL_STD_210517 250 uL	IA537STD-250
12	1:D,3	I42799	WG1515769,,,LC_537ISO_ICV_201221	CA537STD-10
13	1:D,4	I42800	WG1515769,,,LC_537ISO_ICV_201222	CA537STD-10
14	1:D,5	I42801	WG1515769,,,LC_537_TECHSTD_210316	Tech STD

MS File	MS Tune File	Inlet File	Inject Volume	Sample Type	Conc A
---	---	---	0.0	Blank	---
---	---	---	0.0	Analyte	---
537ISO_M_SPAN2_DOD_TOP_210302	210601_TUNE	LCMS_537_ISO_B	3.0	Standard	.5
537ISO_M_SPAN2_DOD_TOP_210302	210601_TUNE	LCMS_537_ISO_B	3.0	Standard	1.0
537ISO_M_SPAN2_DOD_TOP_210302	210601_TUNE	LCMS_537_ISO_B	3.0	Standard	2.0
537ISO_M_SPAN2_DOD_TOP_210302	210601_TUNE	LCMS_537_ISO_B	3.0	Standard	5.0
537ISO_M_SPAN2_DOD_TOP_210302	210601_TUNE	LCMS_537_ISO_B	3.0	Standard	10
537ISO_M_SPAN2_DOD_TOP_210302	210601_TUNE	LCMS_537_ISO_B	3.0	Standard	25
537ISO_M_SPAN2_DOD_TOP_210302	210601_TUNE	LCMS_537_ISO_B	3.0	Standard	50
537ISO_M_SPAN2_DOD_TOP_210302	210601_TUNE	LCMS_537_ISO_B	3.0	Standard	100
537ISO_M_SPAN2_DOD_TOP_210302	210601_TUNE	LCMS_537_ISO_B	3.0	Standard	250
537ISO_M_SPAN2_DOD_TOP_210302	210601_TUNE	LCMS_537_ISO_B	3.0	QC	10
537ISO_M_SPAN2_DOD_TOP_210302	210601_TUNE	LCMS_537_ISO_B	3.0	QC	10
537ISO_M_SPAN2_DOD_TOP_210302	210601_TUNE	LCMS_537_ISO_B	3.0	Analyte	---

User

LCMS02:RS
LCMS02:RS
LCMS02:RS
LCMS02:RS
LCMS02:RS
LCMS02:RS
LCMS02:RS
LCMS02:RS
LCMS02:RS
LCMS02:RS
LCMS02:RS
LCMS02:RS
LCMS02:RS

Run Date	9/14/2021
Instrument	LCMS-02
Verified by	HT

VIAL	FILE	WG STRINGER	SAMPLE ID
1:A,1	I46716	Blank	MeOH Blank
1:A,1	I46717	Blank	MeOH Blank
1:A,2	I46718	**WG1546150,WG1544839,ICAL18098,537ILOW**	**WG1546150-1,537ILOW**
1:B,1	I46719	WG1546150,WG1545640,ICAL18098	L2146701-01D,,10
1:B,2	I46720	WG1546150,WG1545640,ICAL18098	WG1545640-3D,,10
1:B,3	I46721	WG1546150,WG1545640,ICAL18098	L2146701-02D,,10
1:B,4	I46722	WG1546150,WG1545640,ICAL18098	WG1545640-4D,,10
1:B,5	I46723	WG1546150,WG1545640,ICAL18098	L2146701-03D,,10
1:B,6	I46724	WG1546150,WG1545640,ICAL18098	L2146701-04D,,10
1:B,7	I46725	WG1546150,WG1545640,ICAL18098	L2146701-05D,,10
1:B,8	I46726	WG1546150,WG1545640,ICAL18098	L2146701-06D,,10
1:C,1	I46727	WG1546150,WG1545640,ICAL18098	L2146701-07D,,10
1:C,2	I46728	WG1546150,WG1545640,ICAL18098	L2146701-08D,,10
1:C,3	I46729	WG1546150,WG1545640,ICAL18098	L2146701-09D,,10
1:C,4	I46730	WG1546150,WG1545640,ICAL18098	L2146701-10D,,10
1:A,1	I46731	Blank	MeOH Blank
1:A,3	I46732	**WG1546150,WG1544839,ICAL18098,537IMED**	**WG1546150-2,537IMED**
1:C,5	I46733	WG1546150,WG1545640,ICAL18098	L2146701-11D,,10
1:A,1	I46734	Blank	MeOH Blank
1:C,6	I46735	WG1546150,WG1545908,ICAL18098	WG1545908-1
1:C,7	I46736	WG1546150,WG1545908,ICAL18098	WG1545908-2
1:C,8	I46737	WG1546150,WG1545908,ICAL18098	L2148464-01
1:D,1	I46738	WG1546150,WG1545908,ICAL18098	WG1545908-3
1:D,2	I46739	WG1546150,WG1545908,ICAL18098	L2148475-01
1:D,3	I46740	WG1546150,WG1545908,ICAL18098	L2148483-01
1:D,4	I46741	WG1546150,WG1545908,ICAL18098	L2148487-01
1:D,5	I46742	WG1546150,WG1545908,ICAL18098	L2148489-01
1:D,6	I46743	WG1546150,WG1545908,ICAL18098	WG1545908-4
1:D,7	I46744	WG1546150,WG1545908,ICAL18098	L2148491-01
1:D,8	I46745	WG1546150,WG1545908,ICAL18098	L2148493-01
1:E,1	I46746	WG1546150,WG1545908,ICAL18098	L2148498-01
1:E,2	I46747	WG1546150,WG1545908,ICAL18098	L2148501-01
1:A,2	I46748	**WG1546150,WG1544839,ICAL18098,537ILOW**	**WG1546150-3,537ILOW**
1:E,3	I46749	WG1546150,WG1545908,ICAL18098	L2148503-01
1:E,4	I46750	WG1546150,WG1545908,ICAL18098	L2148505-01
1:E,5	I46751	WG1546150,WG1545908,ICAL18098	L2148506-01
1:E,6	I46752	WG1546150,WG1545908,ICAL18098,LEXT	L2148506-02
1:E,7	I46753	WG1546150,WG1545908,ICAL18098	L2148509-01
1:E,8	I46754	WG1546150,WG1545908,ICAL18098	L2148511-01
1:F,1	I46755	WG1546150,WG1545908,ICAL18098	L2148513-01
1:F,2	I46756	WG1546150,WG1545908,ICAL18098	L2148518-01
1:F,3	I46757	WG1546150,WG1545908,ICAL18098	L2148522-01
1:F,4	I46758	WG1546150,WG1545908,ICAL18098	L2148522-02
1:A,3	I46759	**WG1546150,WG1544839,ICAL18098,537IMED**	**WG1546150-4,537IMED**
1:F,5	I46760	WG1546150,WG1545908,ICAL18098	L2148522-03
1:F,6	I46761	WG1546150,WG1545566,ICAL18098	WG1545566-1
1:F,7	I46762	WG1546150,WG1545566,ICAL18098	WG1545566-2
1:F,8	I46763	WG1546150,WG1545566,ICAL18098	L2148526-01
2:A,1	I46764	WG1546150,WG1545566,ICAL18098	WG1545566-3
2:A,2	I46765	WG1546150,WG1545566,ICAL18098	L2148526-02
2:A,3	I46766	WG1546150,WG1545566,ICAL18098	WG1545566-4
2:A,4	I46767	WG1546150,WG1545566,ICAL18098	L2148526-03
2:A,5	I46768	WG1546150,WG1545566,ICAL18098	L2148526-04
2:A,6	I46769	WG1546150,WG1545566,ICAL18098	L2148526-05
2:A,7	I46770	WG1546150,WG1545566,ICAL18098	L2148526-06
2:A,8	I46771	WG1546150,WG1545566,ICAL18098	L2148526-07
2:B,1	I46772	WG1546150,WG1545566,ICAL18098	L2148526-08
1:A,2	I46773	**WG1546150,WG1544839,ICAL18098,537ILOW**	**WG1546150-5,537ILOW**
2:B,2	I46774	WG1546150,WG1545566,ICAL18098	L2145585-02
2:B,3	I46775	WG1546150,WG1545566,ICAL18098	L2145585-04
2:B,4	I46776	WG1546150,WG1545566,ICAL18098	L2145585-05
2:B,5	I46777	WG1546150,WG1545604,ICAL18098	L2148090-05D,,10
2:B,6	I46778	WG1546150,WG1545640,ICAL18098	L2146701-10D,,500
1:A,3	I46779	**WG1546150,WG1544839,ICAL18098,537IMED**	**WG1546150-6,537IMED**

ORGANIC ELN REPORT

Workgroup: WG1545566

Prep Method: ALPHA 23528
Solvent Type: Methanol **Lot #:** EB849-US
Surrogate Type: 537 **Lot #:** LC_537_ISO_SURR_210908A
Spike Type: 537 **Lot #:** LC_537_ISO_LCS_210830
Spike Verify by: DD
Lims Spikelot: 537I

Additional Reagents/Stds

2% NH4OH	EC090821K
25 mM NaOAc	EC090821J
Acetic Acid	2020070870
pH Strip	10BDH0711

Conc.Method: N-EVAP
Solvent Type: 80:20 Methanol/Wat
Lot #: EC090821H

Additional Reagents/Stds

IS	537_ISO_ISTD_210830A

Cleanup 1

Cleanup Method 1:
Cleanup Method 2:
Solvent Type: **Lot #:**

Additional Reagents/Stds

Extraction | **Concentration**

Sample/ Type	Extract Date	Analyst	Initial Sample Weight	Final Weight g	Sample Vol g	Ph	Balance Id	Surr Amt ml	Spike Amt ml	Pipette Id	Lot: Spe Cartridge	Flow Rate ml/min	Lot: Clnup Cartrid	Flow Rate 2 ml/min	Conc Date	Analyst	Final Vol ml	Conc Unit	Pipette Id
L2148526-01 WATER	09/13/21 10:13	Caroline Parsloe	313	27	286	3	BAL-28	.02		255	S21-010836: S308-0128	4	1/1247/G;D01019	4	09/13/21 15:00	Mark Ranalli	1	NEVAP 606	255_256
	9-3, 19																		
L2148526-02 WATER	09/13/21 10:13	Caroline Parsloe	298	27	271	3	BAL-28	.02		255	S21-010836: S308-0128	4	1/1247/G;D01019	4	09/13/21 15:00	Mark Ranalli	1	NEVAP 606	255_256
	9-5, 6																		
L2148526-03 WATER	09/13/21 10:13	Caroline Parsloe	300	27	273	3	BAL-28	.02		255	S21-010836: S308-0128	4	1/1247/G;D01019	4	09/13/21 15:00	Mark Ranalli	1	NEVAP 606	255_256
	8-2, 112. Sample was centrifuged and decanted due to matrix. CP 9/13/21																		
L2148526-04 WATER	09/13/21 10:13	Caroline Parsloe	311	26	285	3	BAL-28	.02		255	S21-010836: S308-0128	4	1/1247/G;D01019	4	09/13/21 15:00	Mark Ranalli	1	NEVAP 606	255_256
	8-3, 5. Sample was centrifuged and decanted due to matrix. CP 9/13/21																		
L2148526-05 WATER	09/13/21 10:13	Caroline Parsloe	303	27	276	3	BAL-28	.02		255	S21-010836: S308-0128	4	1/1247/G;D01019	4	09/13/21 15:00	Mark Ranalli	1	NEVAP 606	255_256
	8-4, 52. Sample was centrifuged and decanted due to matrix. CP 9/13/21																		
L2148526-06 WATER	09/13/21 10:13	Caroline Parsloe	298	27	271	3	BAL-28	.02		255	S21-010836: S308-0128	4	1/1247/G;D01019	4	09/13/21 15:00	Mark Ranalli	1	NEVAP 606	255_256
	8-5, 61. Sample was centrifuged and decanted due to matrix. CP 9/13/21																		

Reported: 15-SEP-21 04:50 PM

ORGANIC ELN REPORT

Workgroup: WG1545566

Sample/ Type	Extraction														Concentration				
	Extract Date	Analyst	Initial Sample Weight	Final Weight **g**	Sample Vol **g**	Ph	Balance Id	Surr Amt **ml**	Spike Amt **ml**	Pipette Id	Lot: Spe Cartridge	Flow Rate **ml/min**	Lot: Clnup Cartrid	Flow Rate 2 **ml/min**	Conc Date	Analyst	Final Vol **ml**	Conc Unit	Pipette Id
L2148526-07 WATER	09/13/21 10:13 **7-2, 59**	Caroline Parsloe	308	28	280	3	BAL-28	.02		255	S21-010836: S308-0128	4	1/1247/ G;D01 019	4	09/13/21 15:00	Mark Ranalli	1	NEVAP 60 6	255_256
L2148526-08 WATER	09/13/21 10:13 **7-4, 50**	Caroline Parsloe	316	28	288	3	BAL-28	.02		255	S21-010836: S308-0128	4	1/1247/ G;D01 019	4	09/13/21 15:00	Mark Ranalli	1	NEVAP 60 6	255_256
L2148585-02 WATER	09/13/21 10:13 **7-6, 10. Sample was centrifuged and decanted due to matrix. CP 9/13/21**	Caroline Parsloe	284	27	257	3	BAL-28	.02		255	S21-010836: S308-0128	4	1/1247/ G;D01 019	4	09/13/21 15:00	Mark Ranalli	1	NEVAP 60 6	255_256
L2148585-04 WATER	09/13/21 10:13 **7-8, 68**	Caroline Parsloe	312	28	284	3	BAL-28	.02		255	S21-010836: S308-0128	4	1/1247/ G;D01 019	4	09/13/21 15:00	Mark Ranalli	1	NEVAP 60 6	255_256
L2148585-05 WATER	09/13/21 10:13 **7-10, 111**	Caroline Parsloe	311	28	283	3	BAL-28	.02		255	S21-010836: S308-0128	4	1/1247/ G;D01 019	4	09/13/21 15:00	Mark Ranalli	1	NEVAP 60 6	255_256
WG1545566-1 BLANK	09/13/21 10:13 **9-1, 23**	Caroline Parsloe	275	25	250	3	BAL-28	.02		255	S21-010836: S308-0128	4	1/1247/ G;D01 019	4	09/13/21 15:00 **MEOH IS: LC_537_ISO_MEOH_ISTD_210907.**	Mark Ranalli	1	NEVAP 60 6	255_256
WG1545566-2 LCS	09/13/21 10:13 **9-2, 100**	Caroline Parsloe	275	25	250	3	BAL-28	.02	.02	255	S21-010836: S308-0128	4	1/1247/ G;D01 019	4	09/13/21 15:00	Mark Ranalli	1	NEVAP 60 6	255_256
WG1545566-3 MS	09/13/21 10:13 **9-4, 101**	Caroline Parsloe	301	27	274	3	BAL-28	.02	.02	255	S21-010836: S308-0128	4	1/1247/ G;D01 019	4	09/13/21 15:00	Mark Ranalli	1	NEVAP 60 6	255_256
WG1545566-4 DUP	09/13/21 10:13 **8-1, 60**	Caroline Parsloe	297	27	270	3	BAL-28	.02		255	S21-010836: S308-0128	4	1/1247/ G;D01 019	4	09/13/21 15:00	Mark Ranalli	1	NEVAP 60 6	255_256

Reported: 15-SEP-21 04:50 PM

ANALYTICAL REPORT

Lab Number:	L2164321
Client:	Soils Engineering Services, Inc. 12A Maple Avenue Pine Brook, NJ 07058
ATTN:	Todd Kelly
Phone:	(973) 808-9050
Project Name:	GROSSINGERS
Project Number:	9313
Report Date:	12/07/21

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: GROSSINGERS
Project Number: 9313

Lab Number: L2164321
Report Date: 12/07/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2164321-01	MW-201	WATER	LIBERTY, NY	11/19/21 11:10	11/19/21
L2164321-02	MW-205	WATER	LIBERTY, NY	11/19/21 12:15	11/19/21
L2164321-03	MW-210	WATER	LIBERTY, NY	11/19/21 10:25	11/19/21
L2164321-04	DUP	WATER	LIBERTY, NY	11/19/21 00:00	11/19/21
L2164321-05	MW-213	WATER	LIBERTY, NY	11/19/21 12:05	11/19/21
L2164321-06	MW-216	WATER	LIBERTY, NY	11/19/21 11:25	11/19/21
L2164321-07	MW-217	WATER	LIBERTY, NY	11/19/21 10:40	11/19/21
L2164321-08	FB	WATER	LIBERTY, NY	11/19/21 12:30	11/19/21
L2164321-09	TB	WATER	LIBERTY, NY	11/18/21 00:00	11/19/21

Project Name:	GROSSINGERS	**Lab Number:**	L2164321
Project Number:	9313	**Report Date:**	12/07/21

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	GROSSINGERS	**Lab Number:**	L2164321
Project Number:	9313	**Report Date:**	12/07/21

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Perfluorinated Alkyl Acids by Isotope Dilution

L2164321-01, -02, -03, -04, -05, -06, -07, -08, WG1577998-1 and WG1577998-2: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Michelle M. Morris

Title: Technical Director/Representative Date: 12/07/21

ORGANICS

VOLATILES

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164321
Report Date: 12/07/21

SAMPLE RESULTS

Lab ID: L2164321-01
Client ID: MW-201
Sample Location: LIBERTY, NY

Date Collected: 11/19/21 11:10
Date Received: 11/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/01/21 13:46
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: GROSSINGERS **Lab Number:** L2164321

Project Number: 9313 **Report Date:** 12/07/21

SAMPLE RESULTS

Lab ID: L2164321-01 Date Collected: 11/19/21 11:10

Client ID: MW-201 Date Received: 11/19/21

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: GROSSINGERS **Lab Number:** L2164321

Project Number: 9313 **Report Date:** 12/07/21

SAMPLE RESULTS

Lab ID: L2164321-01 Date Collected: 11/19/21 11:10

Client ID: MW-201 Date Received: 11/19/21

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	111		70-130

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164321
Report Date: 12/07/21

SAMPLE RESULTS

Lab ID: L2164321-02
Client ID: MW-205
Sample Location: LIBERTY, NY

Date Collected: 11/19/21 12:15
Date Received: 11/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/01/21 14:06
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: GROSSINGERS **Lab Number:** L2164321

Project Number: 9313 **Report Date:** 12/07/21

SAMPLE RESULTS

Lab ID: L2164321-02 Date Collected: 11/19/21 12:15

Client ID: MW-205 Date Received: 11/19/21

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: GROSSINGERS **Lab Number:** L2164321

Project Number: 9313 **Report Date:** 12/07/21

SAMPLE RESULTS

Lab ID: L2164321-02 Date Collected: 11/19/21 12:15

Client ID: MW-205 Date Received: 11/19/21

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	111		70-130

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164321
Report Date: 12/07/21

SAMPLE RESULTS

Lab ID: L2164321-03
Client ID: MW-210
Sample Location: LIBERTY, NY

Date Collected: 11/19/21 10:25
Date Received: 11/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/01/21 14:27
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: GROSSINGERS **Lab Number:** L2164321

Project Number: 9313 **Report Date:** 12/07/21

SAMPLE RESULTS

Lab ID: L2164321-03 Date Collected: 11/19/21 10:25

Client ID: MW-210 Date Received: 11/19/21

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: GROSSINGERS **Lab Number:** L2164321

Project Number: 9313 **Report Date:** 12/07/21

SAMPLE RESULTS

Lab ID: L2164321-03 Date Collected: 11/19/21 10:25

Client ID: MW-210 Date Received: 11/19/21

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	107		70-130

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164321
Report Date: 12/07/21

SAMPLE RESULTS

Lab ID: L2164321-04
Client ID: DUP
Sample Location: LIBERTY, NY

Date Collected: 11/19/21 00:00
Date Received: 11/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/01/21 14:47
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: GROSSINGERS **Lab Number:** L2164321

Project Number: 9313 **Report Date:** 12/07/21

SAMPLE RESULTS

Lab ID: L2164321-04 Date Collected: 11/19/21 00:00

Client ID: DUP Date Received: 11/19/21

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: GROSSINGERS **Lab Number:** L2164321

Project Number: 9313 **Report Date:** 12/07/21

SAMPLE RESULTS

Lab ID: L2164321-04 Date Collected: 11/19/21 00:00

Client ID: DUP Date Received: 11/19/21

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	112		70-130

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164321
Report Date: 12/07/21

SAMPLE RESULTS

Lab ID: L2164321-05
Client ID: MW-213
Sample Location: LIBERTY, NY

Date Collected: 11/19/21 12:05
Date Received: 11/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/01/21 15:07
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	61		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: GROSSINGERS **Lab Number:** L2164321

Project Number: 9313 **Report Date:** 12/07/21

SAMPLE RESULTS

Lab ID: L2164321-05 Date Collected: 11/19/21 12:05

Client ID: MW-213 Date Received: 11/19/21

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	45		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: GROSSINGERS **Lab Number:** L2164321

Project Number: 9313 **Report Date:** 12/07/21

SAMPLE RESULTS

Lab ID: L2164321-05 Date Collected: 11/19/21 12:05

Client ID: MW-213 Date Received: 11/19/21

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
Total TIC Compounds	21.4	J	ug/l			1
Fluorodichloromethane	21.4	NJ	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	114		70-130

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164321
Report Date: 12/07/21

SAMPLE RESULTS

Lab ID: L2164321-06
Client ID: MW-216
Sample Location: LIBERTY, NY

Date Collected: 11/19/21 11:25
Date Received: 11/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/01/21 15:28
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	4.7		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: GROSSINGERS **Lab Number:** L2164321

Project Number: 9313 **Report Date:** 12/07/21

SAMPLE RESULTS

Lab ID: L2164321-06 Date Collected: 11/19/21 11:25

Client ID: MW-216 Date Received: 11/19/21

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	3.5	J	ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: GROSSINGERS **Lab Number:** L2164321

Project Number: 9313 **Report Date:** 12/07/21

SAMPLE RESULTS

Lab ID: L2164321-06 Date Collected: 11/19/21 11:25

Client ID: MW-216 Date Received: 11/19/21

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
Total TIC Compounds	5.11	J	ug/l			1
Fluorodichloromethane	5.11	NJ	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	116		70-130

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164321
Report Date: 12/07/21

SAMPLE RESULTS

Lab ID: L2164321-07
Client ID: MW-217
Sample Location: LIBERTY, NY

Date Collected: 11/19/21 10:40
Date Received: 11/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/01/21 09:40
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	62		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: GROSSINGERS **Lab Number:** L2164321

Project Number: 9313 **Report Date:** 12/07/21

SAMPLE RESULTS

Lab ID: L2164321-07 Date Collected: 11/19/21 10:40

Client ID: MW-217 Date Received: 11/19/21

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: GROSSINGERS **Lab Number:** L2164321

Project Number: 9313 **Report Date:** 12/07/21

SAMPLE RESULTS

Lab ID: L2164321-07 Date Collected: 11/19/21 10:40

Client ID: MW-217 Date Received: 11/19/21

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
Total TIC Compounds	2.21	J	ug/l			1
Fluorodichloromethane	2.21	NJ	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	117		70-130

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164321
Report Date: 12/07/21

SAMPLE RESULTS

Lab ID: L2164321-08
Client ID: FB
Sample Location: LIBERTY, NY

Date Collected: 11/19/21 12:30
Date Received: 11/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/01/21 09:17
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: GROSSINGERS **Lab Number:** L2164321

Project Number: 9313 **Report Date:** 12/07/21

SAMPLE RESULTS

Lab ID: L2164321-08 Date Collected: 11/19/21 12:30

Client ID: FB Date Received: 11/19/21

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	1.6	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: GROSSINGERS **Lab Number:** L2164321

Project Number: 9313 **Report Date:** 12/07/21

SAMPLE RESULTS

Lab ID: L2164321-08 Date Collected: 11/19/21 12:30

Client ID: FB Date Received: 11/19/21

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	115		70-130

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164321
Report Date: 12/07/21

SAMPLE RESULTS

Lab ID: L2164321-09
Client ID: TB
Sample Location: LIBERTY, NY

Date Collected: 11/18/21 00:00
Date Received: 11/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/01/21 18:52
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: GROSSINGERS **Lab Number:** L2164321

Project Number: 9313 **Report Date:** 12/07/21

SAMPLE RESULTS

Lab ID: L2164321-09 Date Collected: 11/18/21 00:00

Client ID: TB Date Received: 11/19/21

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: GROSSINGERS **Lab Number:** L2164321

Project Number: 9313 **Report Date:** 12/07/21

SAMPLE RESULTS

Lab ID: L2164321-09 Date Collected: 11/18/21 00:00

Client ID: TB Date Received: 11/19/21

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	108		70-130

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164321
Report Date: 12/07/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/01/21 08:43
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1578292-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: GROSSINGERS **Lab Number:** L2164321

Project Number: 9313 **Report Date:** 12/07/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/01/21 08:43
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1578292-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164321
Report Date: 12/07/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/01/21 08:43
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1578292-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164321
Report Date: 12/07/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/01/21 08:43
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1578292-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	107		70-130

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164321
Report Date: 12/07/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/01/21 08:54
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07-08 Batch: WG1578306-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164321
Report Date: 12/07/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/01/21 08:54
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07-08 Batch: WG1578306-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164321
Report Date: 12/07/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/01/21 08:54
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07-08 Batch: WG1578306-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164321
Report Date: 12/07/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/01/21 08:54
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07-08 Batch: WG1578306-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	114		70-130

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164321
Report Date: 12/07/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/01/21 18:11
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG1578323-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164321
Report Date: 12/07/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/01/21 18:11
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG1578323-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164321
Report Date: 12/07/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/01/21 18:11
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG1578323-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Tentatively Identified Compounds		
No Tentatively Identified Compounds	ND	ug/l

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164321
Report Date: 12/07/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/01/21 18:11
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG1578323-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	107		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: GROSSINGERS
Project Number: 9313

Lab Number: L2164321
Report Date: 12/07/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1578292-3 WG1578292-4								
Methylene chloride	99		100		70-130	1		20
1,1-Dichloroethane	100		110		70-130	10		20
Chloroform	100		110		70-130	10		20
Carbon tetrachloride	100		110		63-132	10		20
1,2-Dichloropropane	95		100		70-130	5		20
Dibromochloromethane	96		100		63-130	4		20
1,1,2-Trichloroethane	87		94		70-130	8		20
Tetrachloroethene	110		120		70-130	9		20
Chlorobenzene	97		100		75-130	3		20
Trichlorofluoromethane	120		120		62-150	0		20
1,2-Dichloroethane	89		100		70-130	12		20
1,1,1-Trichloroethane	99		110		67-130	11		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	82		90		70-130	9		20
cis-1,3-Dichloropropene	92		98		70-130	6		20
1,1-Dichloropropene	100		110		70-130	10		20
Bromoform	98		110		54-136	12		20
1,1,2,2-Tetrachloroethane	87		96		67-130	10		20
Benzene	98		110		70-130	12		20
Toluene	96		100		70-130	4		20
Ethylbenzene	99		100		70-130	1		20
Chloromethane	110		120		64-130	9		20
Bromomethane	100		100		39-139	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: GROSSINGERS
Project Number: 9313

Lab Number: L2164321
Report Date: 12/07/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1578292-3 WG1578292-4								
Vinyl chloride	100		110		55-140	10		20
Chloroethane	120		130		55-138	8		20
1,1-Dichloroethene	100		100		61-145	0		20
trans-1,2-Dichloroethene	100		110		70-130	10		20
Trichloroethene	94		100		70-130	6		20
1,2-Dichlorobenzene	97		100		70-130	3		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	80		93		63-130	15		20
p/m-Xylene	110		110		70-130	0		20
o-Xylene	105		110		70-130	5		20
cis-1,2-Dichloroethene	100		110		70-130	10		20
Dibromomethane	96		100		70-130	4		20
1,2,3-Trichloropropane	83		94		64-130	12		20
Acrylonitrile	88		100		70-130	13		20
Styrene	110		115		70-130	4		20
Dichlorodifluoromethane	120		120		36-147	0		20
Acetone	79		98		58-148	**21**	Q	20
Carbon disulfide	100		110		51-130	10		20
2-Butanone	67		75		63-138	11		20
Vinyl acetate	80		93		70-130	15		20
4-Methyl-2-pentanone	61		72		59-130	17		20
2-Hexanone	66		74		57-130	11		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: GROSSINGERS
Project Number: 9313

Lab Number: L2164321
Report Date: 12/07/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1578292-3 WG1578292-4								
Bromochloromethane	100		110		70-130	10		20
2,2-Dichloropropane	91		96		63-133	5		20
1,2-Dibromoethane	92		94		70-130	2		20
1,3-Dichloropropane	86		91		70-130	6		20
1,1,1,2-Tetrachloroethane	100		99		64-130	1		20
Bromobenzene	100		110		70-130	10		20
n-Butylbenzene	94		100		53-136	6		20
sec-Butylbenzene	100		110		70-130	10		20
tert-Butylbenzene	100		110		70-130	10		20
o-Chlorotoluene	96		100		70-130	4		20
p-Chlorotoluene	97		100		70-130	3		20
1,2-Dibromo-3-chloropropane	88		97		41-144	10		20
Hexachlorobutadiene	110		120		63-130	9		20
Isopropylbenzene	100		110		70-130	10		20
p-Isopropyltoluene	98		100		70-130	2		20
Naphthalene	82		89		70-130	8		20
n-Propylbenzene	97		100		69-130	3		20
1,2,3-Trichlorobenzene	91		97		70-130	6		20
1,2,4-Trichlorobenzene	99		100		70-130	1		20
1,3,5-Trimethylbenzene	99		110		64-130	11		20
1,2,4-Trimethylbenzene	99		100		70-130	1		20
1,4-Dioxane	102		108		56-162	6		20
p-Diethylbenzene	94		100		70-130	6		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: GROSSINGERS

Project Number: 9313

Lab Number: L2164321

Report Date: 12/07/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1578292-3 WG1578292-4								
p-Ethyltoluene	99		100		70-130	1		20
1,2,4,5-Tetramethylbenzene	93		93		70-130	0		20
Ethyl ether	95		110		59-134	15		20
trans-1,4-Dichloro-2-butene	90		96		70-130	6		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	101		101		70-130
Toluene-d8	98		97		70-130
4-Bromofluorobenzene	95		91		70-130
Dibromofluoromethane	108		102		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: GROSSINGERS

Project Number: 9313

Lab Number: L2164321

Report Date: 12/07/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-08 Batch: WG1578306-3 WG1578306-4								
Methylene chloride	100		110		70-130	10		20
1,1-Dichloroethane	120		120		70-130	0		20
Chloroform	100		110		70-130	10		20
Carbon tetrachloride	95		97		63-132	2		20
1,2-Dichloropropane	120		120		70-130	0		20
Dibromochloromethane	98		100		63-130	2		20
1,1,2-Trichloroethane	97		100		70-130	3		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	110		110		75-130	0		20
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	98		100		67-130	2		20
Bromodichloromethane	98		100		67-130	2		20
trans-1,3-Dichloropropene	88		94		70-130	7		20
cis-1,3-Dichloropropene	93		98		70-130	5		20
1,1-Dichloropropene	100		110		70-130	10		20
Bromoform	87		95		54-136	9		20
1,1,2,2-Tetrachloroethane	97		110		67-130	13		20
Benzene	110		110		70-130	0		20
Toluene	110		110		70-130	0		20
Ethylbenzene	110		110		70-130	0		20
Chloromethane	**140**	Q	**140**	Q	64-130	0		20
Bromomethane	89		86		39-139	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: GROSSINGERS

Project Number: 9313

Lab Number: L2164321

Report Date: 12/07/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-08 Batch: WG1578306-3 WG1578306-4								
Vinyl chloride	130		130		55-140	0		20
Chloroethane	120		120		55-138	0		20
1,1-Dichloroethene	110		120		61-145	9		20
trans-1,2-Dichloroethene	100		110		70-130	10		20
Trichloroethene	100		110		70-130	10		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		110		70-130	10		20
Methyl tert butyl ether	90		100		63-130	11		20
p/m-Xylene	105		110		70-130	5		20
o-Xylene	105		110		70-130	5		20
cis-1,2-Dichloroethene	100		110		70-130	10		20
Dibromomethane	97		100		70-130	3		20
1,2,3-Trichloropropane	94		100		64-130	6		20
Acrylonitrile	120		**140**	Q	70-130	15		20
Styrene	105		110		70-130	5		20
Dichlorodifluoromethane	100		100		36-147	0		20
Acetone	130		**150**	Q	58-148	14		20
Carbon disulfide	110		120		51-130	9		20
2-Butanone	120		**140**	Q	63-138	15		20
Vinyl acetate	99		110		70-130	11		20
4-Methyl-2-pentanone	90		100		59-130	11		20
2-Hexanone	100		110		57-130	10		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: GROSSINGERS
Project Number: 9313

Lab Number: L2164321
Report Date: 12/07/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-08 Batch: WG1578306-3 WG1578306-4								
Bromochloromethane	110		110		70-130	0		20
2,2-Dichloropropane	92		94		63-133	2		20
1,2-Dibromoethane	95		100		70-130	5		20
1,3-Dichloropropane	100		110		70-130	10		20
1,1,1,2-Tetrachloroethane	94		97		64-130	3		20
Bromobenzene	100		100		70-130	0		20
n-Butylbenzene	100		110		53-136	10		20
sec-Butylbenzene	100		110		70-130	10		20
tert-Butylbenzene	100		100		70-130	0		20
o-Chlorotoluene	100		110		70-130	10		20
p-Chlorotoluene	100		110		70-130	10		20
1,2-Dibromo-3-chloropropane	81		95		41-144	16		20
Hexachlorobutadiene	94		98		63-130	4		20
Isopropylbenzene	100		110		70-130	10		20
p-Isopropyltoluene	100		100		70-130	0		20
Naphthalene	82		97		70-130	17		20
n-Propylbenzene	110		110		69-130	0		20
1,2,3-Trichlorobenzene	89		99		70-130	11		20
1,2,4-Trichlorobenzene	89		98		70-130	10		20
1,3,5-Trimethylbenzene	98		100		64-130	2		20
1,2,4-Trimethylbenzene	98		100		70-130	2		20
1,4-Dioxane	108		114		56-162	5		20
p-Diethylbenzene	97		100		70-130	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: GROSSINGERS

Project Number: 9313

Lab Number: L2164321

Report Date: 12/07/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-08 Batch: WG1578306-3 WG1578306-4								
p-Ethyltoluene	100		110		70-130	10		20
1,2,4,5-Tetramethylbenzene	91		96		70-130	5		20
Ethyl ether	100		120		59-134	18		20
trans-1,4-Dichloro-2-butene	120		130		70-130	8		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	106		110		70-130
Toluene-d8	104		102		70-130
4-Bromofluorobenzene	96		96		70-130
Dibromofluoromethane	105		105		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: GROSSINGERS

Project Number: 9313

Lab Number: L2164321

Report Date: 12/07/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1578323-3 WG1578323-4								
Methylene chloride	94		100		70-130	6		20
1,1-Dichloroethane	99		110		70-130	11		20
Chloroform	97		110		70-130	13		20
Carbon tetrachloride	90		100		63-132	11		20
1,2-Dichloropropane	95		100		70-130	5		20
Dibromochloromethane	100		100		63-130	0		20
1,1,2-Trichloroethane	87		95		70-130	9		20
Tetrachloroethene	100		110		70-130	10		20
Chlorobenzene	96		98		75-130	2		20
Trichlorofluoromethane	100		120		62-150	18		20
1,2-Dichloroethane	98		100		70-130	2		20
1,1,1-Trichloroethane	99		110		67-130	11		20
Bromodichloromethane	98		100		67-130	2		20
trans-1,3-Dichloropropene	83		87		70-130	5		20
cis-1,3-Dichloropropene	89		97		70-130	9		20
1,1-Dichloropropene	96		100		70-130	4		20
Bromoform	98		99		54-136	1		20
1,1,2,2-Tetrachloroethane	87		88		67-130	1		20
Benzene	96		100		70-130	4		20
Toluene	95		97		70-130	2		20
Ethylbenzene	94		100		70-130	6		20
Chloromethane	110		120		64-130	9		20
Bromomethane	100		100		39-139	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: GROSSINGERS

Project Number: 9313

Lab Number: L2164321

Report Date: 12/07/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1578323-3 WG1578323-4								
Vinyl chloride	98		100		55-140	2		20
Chloroethane	110		120		55-138	9		20
1,1-Dichloroethene	95		100		61-145	5		20
trans-1,2-Dichloroethene	97		100		70-130	3		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	99		100		70-130	1		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	86		96		63-130	11		20
p/m-Xylene	100		110		70-130	10		20
o-Xylene	100		105		70-130	5		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Dibromomethane	96		110		70-130	14		20
1,2,3-Trichloropropane	85		88		64-130	3		20
Acrylonitrile	100		88		70-130	13		20
Styrene	105		110		70-130	5		20
Dichlorodifluoromethane	110		110		36-147	0		20
Acetone	86		**150**	Q	58-148	**54**	Q	20
Carbon disulfide	100		110		51-130	10		20
2-Butanone	66		100		63-138	**41**	Q	20
Vinyl acetate	78		79		70-130	1		20
4-Methyl-2-pentanone	71		75		59-130	5		20
2-Hexanone	70		96		57-130	**31**	Q	20

Lab Control Sample Analysis
Batch Quality Control

Project Name: GROSSINGERS
Project Number: 9313

Lab Number: L2164321
Report Date: 12/07/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1578323-3 WG1578323-4								
Bromochloromethane	110		120		70-130	9		20
2,2-Dichloropropane	80		92		63-133	14		20
1,2-Dibromoethane	88		96		70-130	9		20
1,3-Dichloropropane	89		95		70-130	7		20
1,1,1,2-Tetrachloroethane	94		100		64-130	6		20
Bromobenzene	100		100		70-130	0		20
n-Butylbenzene	91		99		53-136	8		20
sec-Butylbenzene	94		100		70-130	6		20
tert-Butylbenzene	95		100		70-130	5		20
o-Chlorotoluene	93		94		70-130	1		20
p-Chlorotoluene	94		97		70-130	3		20
1,2-Dibromo-3-chloropropane	83		84		41-144	1		20
Hexachlorobutadiene	110		110		63-130	0		20
Isopropylbenzene	94		100		70-130	6		20
p-Isopropyltoluene	92		100		70-130	8		20
Naphthalene	83		90		70-130	8		20
n-Propylbenzene	92		97		69-130	5		20
1,2,3-Trichlorobenzene	94		99		70-130	5		20
1,2,4-Trichlorobenzene	95		96		70-130	1		20
1,3,5-Trimethylbenzene	94		98		64-130	4		20
1,2,4-Trimethylbenzene	96		100		70-130	4		20
1,4-Dioxane	100		108		56-162	8		20
p-Diethylbenzene	91		97		70-130	6		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: GROSSINGERS

Project Number: 9313

Lab Number: L2164321

Report Date: 12/07/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1578323-3 WG1578323-4								
p-Ethyltoluene	94		100		70-130	6		20
1,2,4,5-Tetramethylbenzene	88		91		70-130	3		20
Ethyl ether	110		120		59-134	9		20
trans-1,4-Dichloro-2-butene	88		82		70-130	7		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	105		109		70-130
Toluene-d8	97		97		70-130
4-Bromofluorobenzene	93		90		70-130
Dibromofluoromethane	109		111		70-130

SEMIVOLATILES

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164321
Report Date: 12/07/21

SAMPLE RESULTS

Lab ID: L2164321-01
Client ID: MW-201
Sample Location: LIBERTY, NY

Date Collected: 11/19/21 11:10
Date Received: 11/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/05/21 20:10
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/02/21 04:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	1.86	0.380	1
Perfluoropentanoic Acid (PFPeA)	0.651	J	ng/l	1.86	0.368	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.86	0.221	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.86	0.305	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.86	0.210	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.86	0.350	1
Perfluorooctanoic Acid (PFOA)	0.517	J	ng/l	1.86	0.220	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.86	1.24	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.86	0.640	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.86	0.290	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.86	0.469	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.86	0.283	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.86	1.13	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.86	0.603	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.86	0.242	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.86	0.912	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.86	0.540	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.86	0.748	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.86	0.346	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.86	0.304	1
Perfluorotetradecanoic Acid (PFTA)	0.484	J	ng/l	1.86	0.231	1
PFOA/PFOS, Total	0.517	J	ng/l	1.86	0.220	1

Project Name: GROSSINGERS **Lab Number:** L2164321

Project Number: 9313 **Report Date:** 12/07/21

SAMPLE RESULTS

Lab ID: L2164321-01 Date Collected: 11/19/21 11:10

Client ID: MW-201 Date Received: 11/19/21

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	83		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	85		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	103		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	78		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	86		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	104		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	82		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**202**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	85		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	103		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	82		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	**172**	Q	10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	81		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	85		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	24		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	85		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	61		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	42		22-136

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164321
Report Date: 12/07/21

SAMPLE RESULTS

Lab ID: L2164321-02
Client ID: MW-205
Sample Location: LIBERTY, NY

Date Collected: 11/19/21 12:15
Date Received: 11/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/05/21 20:27
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/02/21 04:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	1.78	0.363	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	1.78	0.352	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.78	0.212	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.78	0.292	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.78	0.200	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.78	0.334	1
Perfluorooctanoic Acid (PFOA)	0.498	J	ng/l	1.78	0.210	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.78	1.18	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.78	0.611	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.78	0.277	1
Perfluorooctanesulfonic Acid (PFOS)	0.530	JF	ng/l	1.78	0.448	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.78	0.270	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.78	1.08	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.78	0.576	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.78	0.231	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.78	0.871	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.78	0.515	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.78	0.714	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.78	0.331	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.78	0.291	1
Perfluorotetradecanoic Acid (PFTA)	0.352	J	ng/l	1.78	0.220	1
PFOA/PFOS, Total	1.03	J	ng/l	1.78	0.210	1

Project Name: GROSSINGERS **Lab Number:** L2164321

Project Number: 9313 **Report Date:** 12/07/21

SAMPLE RESULTS

Lab ID: L2164321-02 Date Collected: 11/19/21 12:15

Client ID: MW-205 Date Received: 11/19/21

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	80		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	82		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	99		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	75		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	83		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	100		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	82		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**200**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	83		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	97		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	78		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	**177**	Q	10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	70		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	81		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	24		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	85		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	60		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	43		22-136

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164321
Report Date: 12/07/21

SAMPLE RESULTS

Lab ID: L2164321-03
Client ID: MW-210
Sample Location: LIBERTY, NY

Date Collected: 11/19/21 10:25
Date Received: 11/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/05/21 20:43
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/02/21 04:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	1.35	J	ng/l	1.85	0.378	1
Perfluoropentanoic Acid (PFPeA)	1.37	J	ng/l	1.85	0.367	1
Perfluorobutanesulfonic Acid (PFBS)	1.04	J	ng/l	1.85	0.220	1
Perfluorohexanoic Acid (PFHxA)	0.956	J	ng/l	1.85	0.304	1
Perfluoroheptanoic Acid (PFHpA)	0.770	J	ng/l	1.85	0.208	1
Perfluorohexanesulfonic Acid (PFHxS)	1.13	J	ng/l	1.85	0.348	1
Perfluorooctanoic Acid (PFOA)	2.78		ng/l	1.85	0.218	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.85	1.23	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.85	0.637	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.85	0.289	1
Perfluorooctanesulfonic Acid (PFOS)	5.60		ng/l	1.85	0.467	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.85	0.282	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.85	1.12	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.85	0.600	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.85	0.241	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.85	0.908	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.85	0.537	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.85	0.744	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.85	0.344	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.85	0.303	1
Perfluorotetradecanoic Acid (PFTA)	0.448	J	ng/l	1.85	0.230	1
PFOA/PFOS, Total	8.38		ng/l	1.85	0.218	1

Project Name: GROSSINGERS **Lab Number:** L2164321

Project Number: 9313 **Report Date:** 12/07/21

SAMPLE RESULTS

Lab ID: L2164321-03 Date Collected: 11/19/21 10:25

Client ID: MW-210 Date Received: 11/19/21

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	78		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	83		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	96		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	76		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	80		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	98		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	78		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**177**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	79		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	92		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	76		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	151		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	71		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	74		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	16		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	85		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	56		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	41		22-136

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164321
Report Date: 12/07/21

SAMPLE RESULTS

Lab ID: L2164321-04
Client ID: DUP
Sample Location: LIBERTY, NY

Date Collected: 11/19/21 00:00
Date Received: 11/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/05/21 21:00
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/02/21 04:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	1.24	J	ng/l	1.82	0.370	1
Perfluoropentanoic Acid (PFPeA)	1.28	J	ng/l	1.82	0.359	1
Perfluorobutanesulfonic Acid (PFBS)	0.929	J	ng/l	1.82	0.216	1
Perfluorohexanoic Acid (PFHxA)	0.802	J	ng/l	1.82	0.298	1
Perfluoroheptanoic Acid (PFHpA)	0.784	J	ng/l	1.82	0.204	1
Perfluorohexanesulfonic Acid (PFHxS)	0.922	J	ng/l	1.82	0.341	1
Perfluorooctanoic Acid (PFOA)	2.56		ng/l	1.82	0.214	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.82	1.21	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.82	0.624	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.82	0.283	1
Perfluorooctanesulfonic Acid (PFOS)	5.31		ng/l	1.82	0.457	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.82	0.276	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.82	1.10	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.82	0.588	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.82	0.236	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.82	0.890	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.82	0.526	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.82	0.730	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.82	0.338	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.82	0.297	1
Perfluorotetradecanoic Acid (PFTA)	0.494	J	ng/l	1.82	0.225	1
PFOA/PFOS, Total	7.87		ng/l	1.82	0.214	1

Project Name: GROSSINGERS **Lab Number:** L2164321

Project Number: 9313 **Report Date:** 12/07/21

SAMPLE RESULTS

Lab ID: L2164321-04 Date Collected: 11/19/21 00:00

Client ID: DUP Date Received: 11/19/21

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	75		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	80		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	97		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	71		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	76		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	96		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	75		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**190**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	76		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	92		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	73		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	**166**	Q	10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	66		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	76		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	18		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	91		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	56		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	43		22-136

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164321
Report Date: 12/07/21

SAMPLE RESULTS

Lab ID: L2164321-05
Client ID: MW-213
Sample Location: LIBERTY, NY

Date Collected: 11/19/21 12:05
Date Received: 11/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/05/21 21:16
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/02/21 04:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	7.72		ng/l	1.90	0.389	1
Perfluoropentanoic Acid (PFPeA)	8.21		ng/l	1.90	0.377	1
Perfluorobutanesulfonic Acid (PFBS)	2.32		ng/l	1.90	0.227	1
Perfluorohexanoic Acid (PFHxA)	7.37		ng/l	1.90	0.312	1
Perfluoroheptanoic Acid (PFHpA)	5.43		ng/l	1.90	0.214	1
Perfluorohexanesulfonic Acid (PFHxS)	7.85		ng/l	1.90	0.358	1
Perfluorooctanoic Acid (PFOA)	25.4		ng/l	1.90	0.225	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.90	1.27	1
Perfluoroheptanesulfonic Acid (PFHpS)	1.12	J	ng/l	1.90	0.656	1
Perfluorononanoic Acid (PFNA)	2.13		ng/l	1.90	0.297	1
Perfluorooctanesulfonic Acid (PFOS)	67.4		ng/l	1.90	0.480	1
Perfluorodecanoic Acid (PFDA)	1.13	J	ng/l	1.90	0.290	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.90	1.15	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	0.880	JF	ng/l	1.90	0.617	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.90	0.248	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.90	0.934	1
Perfluorooctanesulfonamide (FOSA)	0.941	JF	ng/l	1.90	0.553	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	1.19	J	ng/l	1.90	0.766	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.90	0.354	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.90	0.312	1
Perfluorotetradecanoic Acid (PFTA)	0.454	J	ng/l	1.90	0.236	1
PFOA/PFOS, Total	92.8		ng/l	1.90	0.225	1

Project Name: GROSSINGERS **Lab Number:** L2164321

Project Number: 9313 **Report Date:** 12/07/21

SAMPLE RESULTS

Lab ID: L2164321-05 Date Collected: 11/19/21 12:05

Client ID: MW-213 Date Received: 11/19/21

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	77		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	73		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	80		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	63		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	73		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	81		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	77		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**347**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	79		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	80		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	72		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	**236**	Q	10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	92		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	73		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	27		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	98		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	49		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	33		22-136

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164321
Report Date: 12/07/21

SAMPLE RESULTS

Lab ID: L2164321-06
Client ID: MW-216
Sample Location: LIBERTY, NY

Date Collected: 11/19/21 11:25
Date Received: 11/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/05/21 21:33
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/02/21 04:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	4.42		ng/l	1.88	0.383	1
Perfluoropentanoic Acid (PFPeA)	3.70		ng/l	1.88	0.371	1
Perfluorobutanesulfonic Acid (PFBS)	1.23	J	ng/l	1.88	0.223	1
Perfluorohexanoic Acid (PFHxA)	3.08		ng/l	1.88	0.308	1
Perfluoroheptanoic Acid (PFHpA)	2.10		ng/l	1.88	0.211	1
Perfluorohexanesulfonic Acid (PFHxS)	2.10		ng/l	1.88	0.353	1
Perfluorooctanoic Acid (PFOA)	9.79		ng/l	1.88	0.221	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.88	1.25	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.88	0.645	1
Perfluorononanoic Acid (PFNA)	0.510	J	ng/l	1.88	0.293	1
Perfluorooctanesulfonic Acid (PFOS)	15.7		ng/l	1.88	0.473	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.88	0.285	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.88	1.14	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.88	0.608	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.88	0.244	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.88	0.919	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.88	0.544	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.88	0.754	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.88	0.349	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.88	0.307	1
Perfluorotetradecanoic Acid (PFTA)	0.416	J	ng/l	1.88	0.232	1
PFOA/PFOS, Total	25.5		ng/l	1.88	0.221	1

Project Name: GROSSINGERS **Lab Number:** L2164321

Project Number: 9313 **Report Date:** 12/07/21

SAMPLE RESULTS

Lab ID: L2164321-06 Date Collected: 11/19/21 11:25

Client ID: MW-216 Date Received: 11/19/21

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	84		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	80		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	85		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	67		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	78		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	86		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	81		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**330**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	84		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	83		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	79		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	**218**	Q	10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	85		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	81		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	40		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	112		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	55		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	39		22-136

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164321
Report Date: 12/07/21

SAMPLE RESULTS

Lab ID: L2164321-07
Client ID: MW-217
Sample Location: LIBERTY, NY

Date Collected: 11/19/21 10:40
Date Received: 11/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/05/21 21:49
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/02/21 04:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	3.06		ng/l	1.95	0.398	1
Perfluoropentanoic Acid (PFPeA)	2.36		ng/l	1.95	0.387	1
Perfluorobutanesulfonic Acid (PFBS)	2.48		ng/l	1.95	0.232	1
Perfluorohexanoic Acid (PFHxA)	2.74		ng/l	1.95	0.320	1
Perfluoroheptanoic Acid (PFHpA)	2.31		ng/l	1.95	0.220	1
Perfluorohexanesulfonic Acid (PFHxS)	5.16		ng/l	1.95	0.367	1
Perfluorooctanoic Acid (PFOA)	12.8		ng/l	1.95	0.230	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.95	1.30	1
Perfluoroheptanesulfonic Acid (PFHpS)	0.691	J	ng/l	1.95	0.672	1
Perfluorononanoic Acid (PFNA)	0.520	J	ng/l	1.95	0.305	1
Perfluorooctanesulfonic Acid (PFOS)	27.0		ng/l	1.95	0.492	1
Perfluorodecanoic Acid (PFDA)	0.305	JF	ng/l	1.95	0.297	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.95	1.18	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.95	0.633	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.95	0.254	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.95	0.957	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.95	0.566	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.95	0.785	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.95	0.363	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.95	0.320	1
Perfluorotetradecanoic Acid (PFTA)	0.477	J	ng/l	1.95	0.242	1
PFOA/PFOS, Total	39.8		ng/l	1.95	0.230	1

Project Name: GROSSINGERS **Lab Number:** L2164321

Project Number: 9313 **Report Date:** 12/07/21

SAMPLE RESULTS

Lab ID: L2164321-07 Date Collected: 11/19/21 10:40

Client ID: MW-217 Date Received: 11/19/21

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	83		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	85		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	88		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	77		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	84		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	89		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	82		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**218**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	83		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	86		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	77		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	**180**	Q	10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	79		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	76		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	19		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	102		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	57		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	40		22-136

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164321
Report Date: 12/07/21

SAMPLE RESULTS

Lab ID: L2164321-08
Client ID: FB
Sample Location: LIBERTY, NY

Date Collected: 11/19/21 12:30
Date Received: 11/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/05/21 22:06
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/02/21 04:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	1.84	0.375	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	1.84	0.364	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.84	0.219	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.84	0.302	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.84	0.207	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.84	0.346	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.84	0.217	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.84	1.22	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.84	0.633	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.84	0.287	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.84	0.464	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.84	0.280	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.84	1.12	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.84	0.596	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.84	0.239	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.84	0.902	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.84	0.534	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.84	0.740	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.84	0.342	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.84	0.301	1
Perfluorotetradecanoic Acid (PFTA)	0.397	J	ng/l	1.84	0.228	1
PFOA/PFOS, Total	ND		ng/l	1.84	0.217	1

Project Name: GROSSINGERS **Lab Number:** L2164321

Project Number: 9313 **Report Date:** 12/07/21

SAMPLE RESULTS

Lab ID: L2164321-08 Date Collected: 11/19/21 12:30

Client ID: FB Date Received: 11/19/21

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	99		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	112		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	105		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	97		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	100		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	105		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	98		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**179**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	102		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	104		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	97		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	**174**	Q	10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	98		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	100		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	43		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	119		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	76		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	56		22-136

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164321
Report Date: 12/07/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/05/21 15:29
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/02/21 04:16

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-08 Batch: WG1577998-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	2.00	0.408
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.00	0.396
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	2.00	0.238
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	2.00	0.328
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	2.00	0.225
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	2.00	0.376
Perfluorooctanoic Acid (PFOA)	ND		ng/l	2.00	0.236
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	2.00	1.33
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.00	0.688
Perfluorononanoic Acid (PFNA)	ND		ng/l	2.00	0.312
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	2.00	0.504
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.00	0.304
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.00	1.21
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.00	0.648
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.00	0.260
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.00	0.980
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.00	0.804
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.00	0.372
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.00	0.327
Perfluorotetradecanoic Acid (PFTA)	0.404	J	ng/l	2.00	0.248
PFOA/PFOS, Total	ND		ng/l	2.00	0.236

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164321
Report Date: 12/07/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/05/21 15:29
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/02/21 04:16

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-08 Batch: WG1577998-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	97		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	100		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	103		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	97		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	101		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	104		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	97		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**189**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	101		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	101		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	96		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	**207**	Q	10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	99		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	95		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	49		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	114		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	72		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	51		22-136

Lab Control Sample Analysis
Batch Quality Control

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164321
Report Date: 12/07/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-08 Batch: WG1577998-2								
Perfluorobutanoic Acid (PFBA)	102		-		67-148	-		30
Perfluoropentanoic Acid (PFPeA)	105		-		63-161	-		30
Perfluorobutanesulfonic Acid (PFBS)	96		-		65-157	-		30
Perfluorohexanoic Acid (PFHxA)	103		-		69-168	-		30
Perfluoroheptanoic Acid (PFHpA)	100		-		58-159	-		30
Perfluorohexanesulfonic Acid (PFHxS)	110		-		69-177	-		30
Perfluorooctanoic Acid (PFOA)	101		-		63-159	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	126		-		49-187	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	96		-		61-179	-		30
Perfluorononanoic Acid (PFNA)	103		-		68-171	-		30
Perfluorooctanesulfonic Acid (PFOS)	107		-		52-151	-		30
Perfluorodecanoic Acid (PFDA)	102		-		63-171	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	110		-		56-173	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	112		-		60-166	-		30
Perfluoroundecanoic Acid (PFUnA)	97		-		60-153	-		30
Perfluorodecanesulfonic Acid (PFDS)	93		-		38-156	-		30
Perfluorooctanesulfonamide (FOSA)	96		-		46-170	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	104		-		45-170	-		30
Perfluorododecanoic Acid (PFDoA)	103		-		67-153	-		30
Perfluorotridecanoic Acid (PFTrDA)	127		-		48-158	-		30
Perfluorotetradecanoic Acid (PFTA)	109		-		59-182	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: GROSSINGERS

Project Number: 9313

Lab Number: L2164321

Report Date: 12/07/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-08 Batch: WG1577998-2								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	96				58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	98				62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	105				70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	95				57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	99				60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	103				71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	97				62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**211**	Q			14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	99				59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	101				69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	95				62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	**212**	Q			10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	112				24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	93				55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	56				10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	123				27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	72				48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	53				22-136

Matrix Spike Analysis
Batch Quality Control

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164321
Report Date: 12/07/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1577998-3 QC Sample: L2164247-01 Client ID: MS Sample												
Perfluorobutanoic Acid (PFBA)	ND	38.1	38.7	101		-	-		67-148	-		30
Perfluoropentanoic Acid (PFPeA)	0.729J	38.1	40.4	104		-	-		63-161	-		30
Perfluorobutanesulfonic Acid (PFBS)	0.390J	33.9	34.0	99		-	-		65-157	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	35.7	38.9	109		-	-		37-219	-		30
Perfluorohexanoic Acid (PFHxA)	ND	38.1	38.8	102		-	-		69-168	-		30
Perfluoropentanesulfonic Acid (PFPeS)	ND	35.8	37.8	105		-	-		52-156	-		30
Perfluoroheptanoic Acid (PFHpA)	ND	38.1	38.6	101		-	-		58-159	-		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	34.9	37.6	108		-	-		69-177	-		30
Perfluorooctanoic Acid (PFOA)	ND	38.1	39.8	104		-	-		63-159	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	36.3	45.8	126		-	-		49-187	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	36.3	34.4	95		-	-		61-179	-		30
Perfluorononanoic Acid (PFNA)	ND	38.1	38.8	102		-	-		68-171	-		30
Perfluorooctanesulfonic Acid (PFOS)	ND	35.4	38.1	108		-	-		52-151	-		30
Perfluorodecanoic Acid (PFDA)	ND	38.1	37.3	98		-	-		63-171	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	36.6	41.0	112		-	-		56-173	-		30
Perfluorononanesulfonic Acid (PFNS)	ND	36.7	35.6	97		-	-		48-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	38.1	43.5	114		-	-		60-166	-		30
Perfluoroundecanoic Acid (PFUnA)	ND	38.1	37.1	97		-	-		60-153	-		30
Perfluorodecanesulfonic Acid (PFDS)	ND	36.8	33.5	91		-	-		38-156	-		30
Perfluorooctanesulfonamide (FOSA)	ND	38.1	35.3	92		-	-		46-170	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	38.1	39.6	104		-	-		45-170	-		30
Perfluorododecanoic Acid (PFDoA)	ND	38.1	39.4	103		-	-		67-153	-		30

Matrix Spike Analysis

Batch Quality Control

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164321
Report Date: 12/07/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1577998-3 QC Sample: L2164247-01 Client ID: MS Sample												
Perfluorotridecanoic Acid (PFTrDA)	ND	38.1	49.4	129		-	-		48-158	-		30
Perfluorotetradecanoic Acid (PFTA)	0.444J	38.1	40.1	104		-	-		59-182	-		30
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid (HFPO-DA)	ND	372	352	95		-	-		57-162	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	36	35.8	99		-	-		69-143	-		30
Perfluorohexadecanoic Acid (PFHxDA)	ND	38.1	39.8	104		-	-		40-167	-		30
Perfluorooctadecanoic Acid (PFODA)	ND	38.1	26.5	70		-	-		10-119	-		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	**178**	Q			10-162
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	**205**	Q			12-142
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**172**	Q			14-147
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-13C3-Propanoic Acid (M3HFPO-DA)	73				10-165
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	96				27-126
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	80				24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	86				55-137
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	83				62-124
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	75				57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	81				60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	103				71-134
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	66				48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	50				22-136
Perfluoro[13C2]Hexadecanoic Acid (M2PFHxDA)	55				10-206

Matrix Spike Analysis

Batch Quality Control

Project Name: GROSSINGERS

Project Number: 9313

Lab Number: L2164321

Report Date: 12/07/21

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1577998-3 QC Sample: L2164247-01 Client ID: MS Sample												

Surrogate	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*
Perfluoro[13C4]Butanoic Acid (MPFBA)	78				58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	96				62-163
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	14				10-112
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	101				69-131
Perfluoro[13C8]Octanoic Acid (M8PFOA)	80				62-129
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	87				59-139
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	102				70-131

Lab Duplicate Analysis
Batch Quality Control

Project Name: GROSSINGERS
Project Number: 9313

Lab Number: L2164321
Report Date: 12/07/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1577998-4 QC Sample: L2164266-01 Client ID: DUP Sample						
Perfluorobutanoic Acid (PFBA)	ND	ND	ng/l	NC		30
Perfluoropentanoic Acid (PFPeA)	0.510J	0.545J	ng/l	NC		30
Perfluorobutanesulfonic Acid (PFBS)	ND	ND	ng/l	NC		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	ND	ng/l	NC		30
Perfluorohexanoic Acid (PFHxA)	ND	ND	ng/l	NC		30
Perfluoropentanesulfonic Acid (PFPeS)	ND	ND	ng/l	NC		30
Perfluoroheptanoic Acid (PFHpA)	ND	ND	ng/l	NC		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	ND	ng/l	NC		30
Perfluorooctanoic Acid (PFOA)	ND	ND	ng/l	NC		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	ND	ng/l	NC		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	ND	ng/l	NC		30
Perfluorononanoic Acid (PFNA)	ND	ND	ng/l	NC		30
Perfluorooctanesulfonic Acid (PFOS)	ND	ND	ng/l	NC		30
Perfluorodecanoic Acid (PFDA)	ND	ND	ng/l	NC		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	ND	ng/l	NC		30
Perfluorononanesulfonic Acid (PFNS)	ND	ND	ng/l	NC		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	ND	ng/l	NC		30
Perfluoroundecanoic Acid (PFUnA)	ND	ND	ng/l	NC		30
Perfluorodecanesulfonic Acid (PFDS)	ND	ND	ng/l	NC		30
Perfluorooctanesulfonamide (FOSA)	ND	ND	ng/l	NC		30

Lab Duplicate Analysis
Batch Quality Control

Project Name: GROSSINGERS
Project Number: 9313

Lab Number: L2164321
Report Date: 12/07/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1577998-4 QC Sample: L2164266-01 Client ID: DUP Sample						
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	ND	ng/l	NC		30
Perfluorododecanoic Acid (PFDoA)	ND	ND	ng/l	NC		30
Perfluorotridecanoic Acid (PFTrDA)	ND	ND	ng/l	NC		30
Perfluorotetradecanoic Acid (PFTA)	0.506JF	0.470J	ng/l	NC		30
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid (HFPO-DA)	ND	ND	ng/l	NC		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	ND	ng/l	NC		30
Perfluorohexadecanoic Acid (PFHxDA)	ND	ND	ng/l	NC		30
Perfluorooctadecanoic Acid (PFODA)	ND	ND	ng/l	NC		30

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	73		75		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	88		91		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	98		99		70-131
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	**132**		**147**	Q	12-142
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	70		72		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	74		76		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	99		99		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	74		75		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	140		138		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	78		82		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	94		97		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	73		77		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	151		155		10-162

Lab Duplicate Analysis
Batch Quality Control

Project Name: GROSSINGERS
Project Number: 9313

Lab Number: L2164321
Report Date: 12/07/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1577998-4 QC Sample: L2164266-01 Client ID: DUP Sample

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	70		62		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	81		80		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	25		23		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	84		84		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	60		61		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	45		48		22-136
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-13C3-Propanoic Acid (M3HFPO-DA)	79		83		10-165
Perfluoro[13C2]Hexadecanoic Acid (M2PFHxDA)	43		51		10-206

Project Name: GROSSINGERS
Project Number: 9313

Lab Number: L2164321
Report Date: 12/07/21

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2164321-01A	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2164321-01B	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2164321-01C	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2164321-01D	Plastic 250ml unpreserved	B	NA		3.4	Y	Absent		A2-NY-537-ISOTOPE(14)
L2164321-01E	Plastic 250ml unpreserved	B	NA		3.4	Y	Absent		A2-NY-537-ISOTOPE(14)
L2164321-02A	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2164321-02B	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2164321-02C	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2164321-02D	Plastic 250ml unpreserved	B	NA		3.4	Y	Absent		A2-NY-537-ISOTOPE(14)
L2164321-02E	Plastic 250ml unpreserved	B	NA		3.4	Y	Absent		A2-NY-537-ISOTOPE(14)
L2164321-03A	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2164321-03B	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2164321-03C	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2164321-03D	Plastic 250ml unpreserved	B	NA		3.4	Y	Absent		A2-NY-537-ISOTOPE(14)
L2164321-03E	Plastic 250ml unpreserved	B	NA		3.4	Y	Absent		A2-NY-537-ISOTOPE(14)
L2164321-04A	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2164321-04B	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2164321-04C	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2164321-04D	Plastic 250ml unpreserved	B	NA		3.4	Y	Absent		A2-NY-537-ISOTOPE(14)
L2164321-04E	Plastic 250ml unpreserved	B	NA		3.4	Y	Absent		A2-NY-537-ISOTOPE(14)
L2164321-05A	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2164321-05B	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: GROSSINGERS
Project Number: 9313

Lab Number: L2164321
Report Date: 12/07/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2164321-05C	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2164321-05D	Plastic 250ml unpreserved	B	NA		3.4	Y	Absent		A2-NY-537-ISOTOPE(14)
L2164321-05E	Plastic 250ml unpreserved	B	NA		3.4	Y	Absent		A2-NY-537-ISOTOPE(14)
L2164321-06A	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2164321-06B	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2164321-06C	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2164321-06D	Plastic 250ml unpreserved	B	NA		3.4	Y	Absent		A2-NY-537-ISOTOPE(14)
L2164321-06E	Plastic 250ml unpreserved	B	NA		3.4	Y	Absent		A2-NY-537-ISOTOPE(14)
L2164321-07A	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2164321-07B	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2164321-07C	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2164321-07D	Plastic 250ml unpreserved	B	NA		3.4	Y	Absent		A2-NY-537-ISOTOPE(14)
L2164321-07E	Plastic 250ml unpreserved	B	NA		3.4	Y	Absent		A2-NY-537-ISOTOPE(14)
L2164321-08A	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2164321-08B	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2164321-08C	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2164321-08D	Plastic 250ml unpreserved	B	NA		3.4	Y	Absent		A2-NY-537-ISOTOPE(14)
L2164321-09A	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2164321-09B	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164321
Report Date: 12/07/21

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name:	GROSSINGERS	**Lab Number:**	L2164321
Project Number:	9313	**Report Date:**	12/07/21

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	GROSSINGERS	**Lab Number:**	L2164321
Project Number:	9313	**Report Date:**	12/07/21

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	GROSSINGERS	**Lab Number:**	L2164321
Project Number:	9313	**Report Date:**	12/07/21

Data Qualifiers

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: DU Report with 'J' Qualifiers

Project Name:	GROSSINGERS	**Lab Number:**	L2164321
Project Number:	9313	**Report Date:**	12/07/21

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

134 Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS) using Isotope Dilution. Alpha SOP 23528.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW JERSEY CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193

Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 11/19/21

ALPHA Job #: L2164321

Client Information

Client: SESI Consulting Engineering
Address: 12A Maple Ave. Pine Brook, NJ
Phone: 973-518-8100
Fax:
Email: TIK@SESI.ORG

Project Information

Project Name: Grossinger's
Project Location: Liberty, NY
Project #: 9313
(Use Project name as Project #): ☐
Project Manager: Todd Kelly
ALPHAQuote #:

Turn-Around Time

Standard: ☒ Due Date:
Rush (only if pre approved): ☐ # of Days:

Deliverables

☐ NJ Full / Reduced
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☒ Other ~ ASP-B

Regulatory Requirement

☐ SRS Residential/Non Residential
☐ SRS Impact to Groundwater
☐ NJ Ground Water Quality Standards
☐ NJ IGW SPLP Leachate Criteria
☒ Other ~ NY AWQ Standards

Billing Information

☐ Same as Client Info
PO #

Site Information

Is this site impacted by Petroleum? Yes ☐
Petroleum Product:

These samples have been previously analyzed by Alpha ☐

For EPH, selection is REQUIRED:
☐ Category 1
☐ Category 2

For VOC, selection is REQUIRED:
☐ 1,4-Dioxane
☐ 8011

Other project specific requirements/comments:
Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOC+15	PFAS	Total Bottle	Sample Specific Comments
L04321-01	MW-201	11/18/21	1110	GW	MEM	X	X		
02	MW-205		1215			X	X		
03	MW-210		1025			X	X		
04	DUP		—		—	X	X		
05	MW-213		1205		RF	X	X		
06	MW-216		1125			X	X		
07	MW-217		1040			X	X		
08	FB		1230	Blank	MEM	X	X		
09	TB	11/18/21	—		~~ES~~	X			

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	V	P
Preservative	B	A

Relinquished By:	Date/Time	Received By:	Date/Time
	11/19/21 1630		11/19/21 1632
	11/19/21, 1740	Paul Mazzella	11/19/21 1745
Paul Mazzella	11/19/21 2300		11/19/21 2300

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT ~~HAS~~ READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-14 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2164698
Client:	Soils Engineering Services, Inc. 12A Maple Avenue Pine Brook, NJ 07058
ATTN:	Todd Kelly
Phone:	(973) 808-9050
Project Name:	GROSSINGERS
Project Number:	9313
Report Date:	12/16/21

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: GROSSINGERS
Project Number: 9313

Lab Number: L2164698
Report Date: 12/16/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2164698-01	MW-206	WATER	LIBERTY, NY	11/22/21 11:35	11/23/21
L2164698-02	MW-207	WATER	LIBERTY, NY	11/22/21 10:20	11/23/21
L2164698-03	MW-214	WATER	LIBERTY, NY	11/22/21 09:35	11/23/21
L2164698-04	MW-203	WATER	LIBERTY, NY	11/22/21 10:30	11/23/21
L2164698-05	MW-204	WATER	LIBERTY, NY	11/22/21 11:00	11/23/21
L2164698-06	MW-211	WATER	LIBERTY, NY	11/22/21 09:40	11/23/21
L2164698-07	MW-209	WATER	LIBERTY, NY	11/22/21 11:40	11/23/21
L2164698-08	FB	WATER	LIBERTY, NY	11/22/21 12:00	11/23/21
L2164698-09	TB	WATER	LIBERTY, NY	11/18/21 00:00	11/23/21

Project Name:	GROSSINGERS	**Lab Number:**	L2164698
Project Number:	9313	**Report Date:**	12/16/21

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	GROSSINGERS	**Lab Number:**	L2164698
Project Number:	9313	**Report Date:**	12/16/21

Case Narrative (continued)

Report Submission

December 16, 2021: This final report includes the results of all requested analyses.

December 09, 2021: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Perfluorinated Alkyl Acids by Isotope Dilution

L2164698-01 through -05 and -07: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Cristin Walker

Title: Technical Director/Representative Date: 12/16/21

ORGANICS

VOLATILES

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164698
Report Date: 12/16/21

SAMPLE RESULTS

Lab ID: L2164698-01
Client ID: MW-206
Sample Location: LIBERTY, NY

Date Collected: 11/22/21 11:35
Date Received: 11/23/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/03/21 15:51
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: GROSSINGERS **Lab Number:** L2164698

Project Number: 9313 **Report Date:** 12/16/21

SAMPLE RESULTS

Lab ID: L2164698-01 Date Collected: 11/22/21 11:35

Client ID: MW-206 Date Received: 11/23/21

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	1.0	J	ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: GROSSINGERS **Lab Number:** L2164698

Project Number: 9313 **Report Date:** 12/16/21

SAMPLE RESULTS

Lab ID: L2164698-01 Date Collected: 11/22/21 11:35

Client ID: MW-206 Date Received: 11/23/21

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	117		70-130

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164698
Report Date: 12/16/21

SAMPLE RESULTS

Lab ID: L2164698-02
Client ID: MW-207
Sample Location: LIBERTY, NY

Date Collected: 11/22/21 10:20
Date Received: 11/23/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/03/21 16:14
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: GROSSINGERS **Lab Number:** L2164698

Project Number: 9313 **Report Date:** 12/16/21

SAMPLE RESULTS

Lab ID: L2164698-02 Date Collected: 11/22/21 10:20

Client ID: MW-207 Date Received: 11/23/21

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: GROSSINGERS **Lab Number:** L2164698

Project Number: 9313 **Report Date:** 12/16/21

SAMPLE RESULTS

Lab ID: L2164698-02 Date Collected: 11/22/21 10:20

Client ID: MW-207 Date Received: 11/23/21

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	117		70-130

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164698
Report Date: 12/16/21

SAMPLE RESULTS

Lab ID: L2164698-03
Client ID: MW-214
Sample Location: LIBERTY, NY

Date Collected: 11/22/21 09:35
Date Received: 11/23/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/03/21 16:37
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	3.0		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: GROSSINGERS **Lab Number:** L2164698

Project Number: 9313 **Report Date:** 12/16/21

SAMPLE RESULTS

Lab ID: L2164698-03 Date Collected: 11/22/21 09:35

Client ID: MW-214 Date Received: 11/23/21

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	10		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: GROSSINGERS **Lab Number:** L2164698

Project Number: 9313 **Report Date:** 12/16/21

SAMPLE RESULTS

Lab ID: L2164698-03 Date Collected: 11/22/21 09:35

Client ID: MW-214 Date Received: 11/23/21

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
Total TIC Compounds	6.47	J	ug/l			1
Fluorodichloromethane	6.47	NJ	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	116		70-130

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164698
Report Date: 12/16/21

SAMPLE RESULTS

Lab ID: L2164698-04
Client ID: MW-203
Sample Location: LIBERTY, NY

Date Collected: 11/22/21 10:30
Date Received: 11/23/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/03/21 08:40
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	4.7		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: GROSSINGERS **Lab Number:** L2164698

Project Number: 9313 **Report Date:** 12/16/21

SAMPLE RESULTS

Lab ID: L2164698-04 Date Collected: 11/22/21 10:30

Client ID: MW-203 Date Received: 11/23/21

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	0.89	J	ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	0.87	J	ug/l	2.5	0.70	1

Project Name: GROSSINGERS **Lab Number:** L2164698

Project Number: 9313 **Report Date:** 12/16/21

SAMPLE RESULTS

Lab ID: L2164698-04 Date Collected: 11/22/21 10:30

Client ID: MW-203 Date Received: 11/23/21

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	1.5	J	ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	2.4	J	ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	0.61	J	ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Tentatively Identified Compounds						
Total TIC Compounds	10.2	J	ug/l			1
Unknown Aromatic	1.02	J	ug/l			1
Unknown	1.87	J	ug/l			1
Unknown Benzene	2.46	J	ug/l			1
Unknown Aromatic	1.71	J	ug/l			1
Cyclopentane, Methyl-	1.99	NJ	ug/l			1
Pentane, 3-methyl-	1.13	NJ	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	103		70-130

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164698
Report Date: 12/16/21

SAMPLE RESULTS

Lab ID: L2164698-05
Client ID: MW-204
Sample Location: LIBERTY, NY

Date Collected: 11/22/21 11:00
Date Received: 11/23/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/03/21 09:00
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: GROSSINGERS **Lab Number:** L2164698

Project Number: 9313 **Report Date:** 12/16/21

SAMPLE RESULTS

Lab ID: L2164698-05 Date Collected: 11/22/21 11:00

Client ID: MW-204 Date Received: 11/23/21

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: GROSSINGERS **Lab Number:** L2164698

Project Number: 9313 **Report Date:** 12/16/21

SAMPLE RESULTS

Lab ID: L2164698-05 Date Collected: 11/22/21 11:00

Client ID: MW-204 Date Received: 11/23/21

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	109		70-130

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164698
Report Date: 12/16/21

SAMPLE RESULTS

Lab ID: L2164698-06
Client ID: MW-211
Sample Location: LIBERTY, NY

Date Collected: 11/22/21 09:40
Date Received: 11/23/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/03/21 09:21
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: GROSSINGERS **Lab Number:** L2164698

Project Number: 9313 **Report Date:** 12/16/21

SAMPLE RESULTS

Lab ID: L2164698-06 Date Collected: 11/22/21 09:40

Client ID: MW-211 Date Received: 11/23/21

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: GROSSINGERS **Lab Number:** L2164698

Project Number: 9313 **Report Date:** 12/16/21

SAMPLE RESULTS

Lab ID: L2164698-06 Date Collected: 11/22/21 09:40

Client ID: MW-211 Date Received: 11/23/21

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	107		70-130

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164698
Report Date: 12/16/21

SAMPLE RESULTS

Lab ID: L2164698-07
Client ID: MW-209
Sample Location: LIBERTY, NY

Date Collected: 11/22/21 11:40
Date Received: 11/23/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/03/21 09:41
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: GROSSINGERS **Lab Number:** L2164698

Project Number: 9313 **Report Date:** 12/16/21

SAMPLE RESULTS

Lab ID: L2164698-07 Date Collected: 11/22/21 11:40

Client ID: MW-209 Date Received: 11/23/21

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: GROSSINGERS **Lab Number:** L2164698

Project Number: 9313 **Report Date:** 12/16/21

SAMPLE RESULTS

Lab ID: L2164698-07 Date Collected: 11/22/21 11:40

Client ID: MW-209 Date Received: 11/23/21

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	106		70-130

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164698
Report Date: 12/16/21

SAMPLE RESULTS

Lab ID: L2164698-08
Client ID: FB
Sample Location: LIBERTY, NY

Date Collected: 11/22/21 12:00
Date Received: 11/23/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/03/21 10:01
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: GROSSINGERS **Lab Number:** L2164698

Project Number: 9313 **Report Date:** 12/16/21

SAMPLE RESULTS

Lab ID: L2164698-08 Date Collected: 11/22/21 12:00

Client ID: FB Date Received: 11/23/21

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	1.6	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: GROSSINGERS **Lab Number:** L2164698

Project Number: 9313 **Report Date:** 12/16/21

SAMPLE RESULTS

Lab ID: L2164698-08 Date Collected: 11/22/21 12:00

Client ID: FB Date Received: 11/23/21

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	105		70-130

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164698
Report Date: 12/16/21

SAMPLE RESULTS

Lab ID: L2164698-09
Client ID: TB
Sample Location: LIBERTY, NY

Date Collected: 11/18/21 00:00
Date Received: 11/23/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/03/21 10:21
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: GROSSINGERS **Lab Number:** L2164698

Project Number: 9313 **Report Date:** 12/16/21

SAMPLE RESULTS

Lab ID: L2164698-09 Date Collected: 11/18/21 00:00

Client ID: TB Date Received: 11/23/21

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	1.9	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: GROSSINGERS **Lab Number:** L2164698

Project Number: 9313 **Report Date:** 12/16/21

SAMPLE RESULTS

Lab ID: L2164698-09 Date Collected: 11/18/21 00:00

Client ID: TB Date Received: 11/23/21

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	107		70-130

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164698
Report Date: 12/16/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/03/21 08:30
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1578710-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: GROSSINGERS **Lab Number:** L2164698

Project Number: 9313 **Report Date:** 12/16/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/03/21 08:30
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1578710-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: GROSSINGERS **Lab Number:** L2164698

Project Number: 9313 **Report Date:** 12/16/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/03/21 08:30
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1578710-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164698
Report Date: 12/16/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/03/21 08:30
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1578710-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	113		70-130

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164698
Report Date: 12/16/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/03/21 08:20
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04-09 Batch: WG1579209-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164698
Report Date: 12/16/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/03/21 08:20
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04-09 Batch: WG1579209-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: GROSSINGERS **Lab Number:** L2164698

Project Number: 9313 **Report Date:** 12/16/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/03/21 08:20
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04-09 Batch: WG1579209-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164698
Report Date: 12/16/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/03/21 08:20
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04-09 Batch: WG1579209-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	107		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: GROSSINGERS

Project Number: 9313

Lab Number: L2164698

Report Date: 12/16/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1578710-3 WG1578710-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	120		120		70-130	0		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	94		98		63-132	4		20
1,2-Dichloropropane	110		120		70-130	9		20
Dibromochloromethane	96		100		63-130	4		20
1,1,2-Trichloroethane	97		100		70-130	3		20
Tetrachloroethene	100		110		70-130	10		20
Chlorobenzene	110		110		75-130	0		20
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	98		100		67-130	2		20
Bromodichloromethane	95		98		67-130	3		20
trans-1,3-Dichloropropene	88		94		70-130	7		20
cis-1,3-Dichloropropene	92		97		70-130	5		20
1,1-Dichloropropene	100		110		70-130	10		20
Bromoform	87		96		54-136	10		20
1,1,2,2-Tetrachloroethane	99		110		67-130	11		20
Benzene	100		110		70-130	10		20
Toluene	100		110		70-130	10		20
Ethylbenzene	100		110		70-130	10		20
Chloromethane	120		130		64-130	8		20
Bromomethane	85		80		39-139	6		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: GROSSINGERS

Project Number: 9313

Lab Number: L2164698

Report Date: 12/16/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1578710-3 WG1578710-4								
Vinyl chloride	130		130		55-140	0		20
Chloroethane	120		120		55-138	0		20
1,1-Dichloroethene	120		120		61-145	0		20
trans-1,2-Dichloroethene	100		110		70-130	10		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	94		100		63-130	6		20
p/m-Xylene	105		105		70-130	0		20
o-Xylene	105		110		70-130	5		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Dibromomethane	95		100		70-130	5		20
1,2,3-Trichloropropane	100		100		64-130	0		20
Acrylonitrile	120		**140**	Q	70-130	15		20
Styrene	105		110		70-130	5		20
Dichlorodifluoromethane	98		98		36-147	0		20
Acetone	130		130		58-148	0		20
Carbon disulfide	110		120		51-130	9		20
2-Butanone	110		120		63-138	9		20
Vinyl acetate	100		110		70-130	10		20
4-Methyl-2-pentanone	94		110		59-130	16		20
2-Hexanone	100		120		57-130	18		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164698
Report Date: 12/16/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1578710-3 WG1578710-4								
Bromochloromethane	100		110		70-130	10		20
2,2-Dichloropropane	94		96		63-133	2		20
1,2-Dibromoethane	95		100		70-130	5		20
1,3-Dichloropropane	100		110		70-130	10		20
1,1,1,2-Tetrachloroethane	92		97		64-130	5		20
Bromobenzene	100		100		70-130	0		20
n-Butylbenzene	100		110		53-136	10		20
sec-Butylbenzene	100		110		70-130	10		20
tert-Butylbenzene	100		100		70-130	0		20
o-Chlorotoluene	100		100		70-130	0		20
p-Chlorotoluene	100		110		70-130	10		20
1,2-Dibromo-3-chloropropane	83		97		41-144	16		20
Hexachlorobutadiene	97		100		63-130	3		20
Isopropylbenzene	100		110		70-130	10		20
p-Isopropyltoluene	100		100		70-130	0		20
Naphthalene	88		99		70-130	12		20
n-Propylbenzene	110		110		69-130	0		20
1,2,3-Trichlorobenzene	91		100		70-130	9		20
1,2,4-Trichlorobenzene	92		98		70-130	6		20
1,3,5-Trimethylbenzene	98		100		64-130	2		20
1,2,4-Trimethylbenzene	98		100		70-130	2		20
1,4-Dioxane	138		140		56-162	1		20
p-Diethylbenzene	98		100		70-130	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: GROSSINGERS

Project Number: 9313

Lab Number: L2164698

Report Date: 12/16/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1578710-3 WG1578710-4								
p-Ethyltoluene	100		110		70-130	10		20
1,2,4,5-Tetramethylbenzene	92		96		70-130	4		20
Ethyl ether	110		110		59-134	0		20
trans-1,4-Dichloro-2-butene	120		130		70-130	8		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	106		111		70-130
Toluene-d8	103		103		70-130
4-Bromofluorobenzene	98		98		70-130
Dibromofluoromethane	104		105		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164698
Report Date: 12/16/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-09 Batch: WG1579209-3 WG1579209-4								
Methylene chloride	92		110		70-130	18		20
1,1-Dichloroethane	93		110		70-130	17		20
Chloroform	92		110		70-130	18		20
Carbon tetrachloride	87		110		63-132	**23**	Q	20
1,2-Dichloropropane	90		100		70-130	11		20
Dibromochloromethane	92		100		63-130	8		20
1,1,2-Trichloroethane	84		94		70-130	11		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	91		100		75-130	9		20
Trichlorofluoromethane	95		110		62-150	15		20
1,2-Dichloroethane	84		98		70-130	15		20
1,1,1-Trichloroethane	90		100		67-130	11		20
Bromodichloromethane	90		100		67-130	11		20
trans-1,3-Dichloropropene	80		90		70-130	12		20
cis-1,3-Dichloropropene	87		96		70-130	10		20
1,1-Dichloropropene	94		100		70-130	6		20
Bromoform	93		100		54-136	7		20
1,1,2,2-Tetrachloroethane	82		92		67-130	11		20
Benzene	94		100		70-130	6		20
Toluene	90		100		70-130	11		20
Ethylbenzene	92		100		70-130	8		20
Chloromethane	92		100		64-130	8		20
Bromomethane	100		110		39-139	10		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: GROSSINGERS

Project Number: 9313

Lab Number: L2164698

Report Date: 12/16/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-09 Batch: WG1579209-3 WG1579209-4								
Vinyl chloride	93		100		55-140	7		20
Chloroethane	110		120		55-138	9		20
1,1-Dichloroethene	94		110		61-145	16		20
trans-1,2-Dichloroethene	95		110		70-130	15		20
Trichloroethene	92		100		70-130	8		20
1,2-Dichlorobenzene	95		110		70-130	15		20
1,3-Dichlorobenzene	95		110		70-130	15		20
1,4-Dichlorobenzene	97		110		70-130	13		20
Methyl tert butyl ether	82		97		63-130	17		20
p/m-Xylene	100		110		70-130	10		20
o-Xylene	100		110		70-130	10		20
cis-1,2-Dichloroethene	96		110		70-130	14		20
Dibromomethane	91		100		70-130	9		20
1,2,3-Trichloropropane	78		91		64-130	15		20
Acrylonitrile	90		98		70-130	9		20
Styrene	100		110		70-130	10		20
Dichlorodifluoromethane	94		110		36-147	16		20
Acetone	90		100		58-148	11		20
Carbon disulfide	95		110		51-130	15		20
2-Butanone	72		84		63-138	15		20
Vinyl acetate	76		91		70-130	18		20
4-Methyl-2-pentanone	66		80		59-130	19		20
2-Hexanone	68		76		57-130	11		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164698
Report Date: 12/16/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-09 Batch: WG1579209-3 WG1579209-4								
Bromochloromethane	100		120		70-130	18		20
2,2-Dichloropropane	81		92		63-133	13		20
1,2-Dibromoethane	84		97		70-130	14		20
1,3-Dichloropropane	84		94		70-130	11		20
1,1,1,2-Tetrachloroethane	89		100		64-130	12		20
Bromobenzene	98		110		70-130	12		20
n-Butylbenzene	86		110		53-136	**24**	Q	20
sec-Butylbenzene	93		110		70-130	17		20
tert-Butylbenzene	93		110		70-130	17		20
o-Chlorotoluene	88		100		70-130	13		20
p-Chlorotoluene	88		100		70-130	13		20
1,2-Dibromo-3-chloropropane	77		100		41-144	**26**	Q	20
Hexachlorobutadiene	100		120		63-130	18		20
Isopropylbenzene	94		110		70-130	16		20
p-Isopropyltoluene	91		110		70-130	19		20
Naphthalene	83		94		70-130	12		20
n-Propylbenzene	88		100		69-130	13		20
1,2,3-Trichlorobenzene	89		100		70-130	12		20
1,2,4-Trichlorobenzene	90		100		70-130	11		20
1,3,5-Trimethylbenzene	92		110		64-130	18		20
1,2,4-Trimethylbenzene	93		110		70-130	17		20
1,4-Dioxane	110		144		56-162	**27**	Q	20
p-Diethylbenzene	89		110		70-130	**21**	Q	20

Lab Control Sample Analysis

Batch Quality Control

Project Name: GROSSINGERS

Project Number: 9313

Lab Number: L2164698

Report Date: 12/16/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-09 Batch: WG1579209-3 WG1579209-4								
p-Ethyltoluene	92		100		70-130	8		20
1,2,4,5-Tetramethylbenzene	84		100		70-130	17		20
Ethyl ether	95		110		59-134	15		20
trans-1,4-Dichloro-2-butene	80		93		70-130	15		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		100		70-130
Toluene-d8	97		96		70-130
4-Bromofluorobenzene	91		95		70-130
Dibromofluoromethane	100		108		70-130

SEMIVOLATILES

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164698
Report Date: 12/16/21

SAMPLE RESULTS

Lab ID: L2164698-01
Client ID: MW-206
Sample Location: LIBERTY, NY

Date Collected: 11/22/21 11:35
Date Received: 11/23/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/11/21 20:17
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/02/21 10:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	5.35		ng/l	1.90	0.387	1
Perfluoropentanoic Acid (PFPeA)	1.77	J	ng/l	1.90	0.375	1
Perfluorobutanesulfonic Acid (PFBS)	1.43	J	ng/l	1.90	0.226	1
Perfluorohexanoic Acid (PFHxA)	2.35		ng/l	1.90	0.311	1
Perfluoroheptanoic Acid (PFHpA)	2.68		ng/l	1.90	0.213	1
Perfluorohexanesulfonic Acid (PFHxS)	2.46		ng/l	1.90	0.356	1
Perfluorooctanoic Acid (PFOA)	13.1		ng/l	1.90	0.224	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.90	1.26	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.90	0.652	1
Perfluorononanoic Acid (PFNA)	0.512	JF	ng/l	1.90	0.296	1
Perfluorooctanesulfonic Acid (PFOS)	34.1		ng/l	1.90	0.478	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.90	0.288	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.90	1.15	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.90	0.614	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.90	0.246	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.90	0.929	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.90	0.550	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.90	0.762	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.90	0.353	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.90	0.310	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.90	0.235	1
PFOA/PFOS, Total	47.2		ng/l	1.90	0.224	1

Project Name: GROSSINGERS **Lab Number:** L2164698

Project Number: 9313 **Report Date:** 12/16/21

SAMPLE RESULTS

Lab ID: L2164698-01 Date Collected: 11/22/21 11:35

Client ID: MW-206 Date Received: 11/23/21

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	94		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	98		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	95		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	81		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	92		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	104		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	93		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**158**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	93		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	87		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	88		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	106		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	88		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	84		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	33		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	100		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	80		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	79		22-136

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164698
Report Date: 12/16/21

SAMPLE RESULTS

Lab ID: L2164698-02
Client ID: MW-207
Sample Location: LIBERTY, NY

Date Collected: 11/22/21 10:20
Date Received: 11/23/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/11/21 20:34
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/02/21 10:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.580	J	ng/l	1.87	0.382	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	1.87	0.370	1
Perfluorobutanesulfonic Acid (PFBS)	0.427	J	ng/l	1.87	0.223	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.87	0.307	1
Perfluoroheptanoic Acid (PFHpA)	0.558	J	ng/l	1.87	0.211	1
Perfluorohexanesulfonic Acid (PFHxS)	1.32	J	ng/l	1.87	0.352	1
Perfluorooctanoic Acid (PFOA)	3.64		ng/l	1.87	0.221	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.87	1.25	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.87	0.644	1
Perfluorononanoic Acid (PFNA)	0.318	JF	ng/l	1.87	0.292	1
Perfluorooctanesulfonic Acid (PFOS)	17.4		ng/l	1.87	0.472	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.87	0.284	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.87	1.13	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.87	0.606	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.87	0.243	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.87	0.917	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.87	0.543	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.87	0.752	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.87	0.348	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.87	0.306	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.87	0.232	1
PFOA/PFOS, Total	21.0		ng/l	1.87	0.221	1

Project Name: GROSSINGERS **Lab Number:** L2164698

Project Number: 9313 **Report Date:** 12/16/21

SAMPLE RESULTS

Lab ID: L2164698-02 Date Collected: 11/22/21 10:20

Client ID: MW-207 Date Received: 11/23/21

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	103		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	106		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	95		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	88		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	98		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	105		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	101		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**180**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	99		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	95		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	92		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	118		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	100		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	86		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	32		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	125		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	79		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	79		22-136

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164698
Report Date: 12/16/21

SAMPLE RESULTS

Lab ID: L2164698-03
Client ID: MW-214
Sample Location: LIBERTY, NY

Date Collected: 11/22/21 09:35
Date Received: 11/23/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/11/21 20:51
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/02/21 10:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	7.55		ng/l	2.12	0.433	1
Perfluoropentanoic Acid (PFPeA)	4.84		ng/l	2.12	0.420	1
Perfluorobutanesulfonic Acid (PFBS)	2.31		ng/l	2.12	0.253	1
Perfluorohexanoic Acid (PFHxA)	6.17		ng/l	2.12	0.348	1
Perfluoroheptanoic Acid (PFHpA)	4.81		ng/l	2.12	0.239	1
Perfluorohexanesulfonic Acid (PFHxS)	6.15		ng/l	2.12	0.399	1
Perfluorooctanoic Acid (PFOA)	24.7		ng/l	2.12	0.250	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	2.12	1.41	1
Perfluoroheptanesulfonic Acid (PFHpS)	1.49	J	ng/l	2.12	0.730	1
Perfluorononanoic Acid (PFNA)	1.25	JF	ng/l	2.12	0.331	1
Perfluorooctanesulfonic Acid (PFOS)	56.2		ng/l	2.12	0.535	1
Perfluorodecanoic Acid (PFDA)	0.679	J	ng/l	2.12	0.323	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.12	1.29	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.12	0.688	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.12	0.276	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.12	1.04	1
Perfluorooctanesulfonamide (FOSA)	1.32	JF	ng/l	2.12	0.616	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.12	0.853	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.12	0.395	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.12	0.347	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.12	0.263	1
PFOA/PFOS, Total	80.9		ng/l	2.12	0.250	1

Project Name: GROSSINGERS **Lab Number:** L2164698

Project Number: 9313 **Report Date:** 12/16/21

SAMPLE RESULTS

Lab ID: L2164698-03 Date Collected: 11/22/21 09:35

Client ID: MW-214 Date Received: 11/23/21

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	92		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	94		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	91		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	77		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	87		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	102		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	91		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**215**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	91		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	88		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	80		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	130		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	103		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	80		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	37		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	102		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	76		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	66		22-136

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164698
Report Date: 12/16/21

SAMPLE RESULTS

Lab ID: L2164698-04
Client ID: MW-203
Sample Location: LIBERTY, NY

Date Collected: 11/22/21 10:30
Date Received: 11/23/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/11/21 21:07
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/02/21 10:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	1.25	J	ng/l	1.83	0.374	1
Perfluoropentanoic Acid (PFPeA)	0.605	J	ng/l	1.83	0.363	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.83	0.218	1
Perfluorohexanoic Acid (PFHxA)	0.701	JF	ng/l	1.83	0.301	1
Perfluoroheptanoic Acid (PFHpA)	0.811	JF	ng/l	1.83	0.206	1
Perfluorohexanesulfonic Acid (PFHxS)	0.649	J	ng/l	1.83	0.345	1
Perfluorooctanoic Acid (PFOA)	1.82	J	ng/l	1.83	0.216	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.83	1.22	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.83	0.631	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.83	0.286	1
Perfluorooctanesulfonic Acid (PFOS)	12.8		ng/l	1.83	0.462	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.83	0.279	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.83	1.11	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.83	0.594	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.83	0.238	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.83	0.899	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.83	0.532	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2.35		ng/l	1.83	0.737	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.83	0.341	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.83	0.300	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.83	0.227	1
PFOA/PFOS, Total	14.6	J	ng/l	1.83	0.216	1

Project Name: GROSSINGERS **Lab Number:** L2164698

Project Number: 9313 **Report Date:** 12/16/21

SAMPLE RESULTS

Lab ID: L2164698-04 Date Collected: 11/22/21 10:30

Client ID: MW-203 Date Received: 11/23/21

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	99		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	101		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	100		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	87		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	97		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	111		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	102		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**230**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	103		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	100		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	95		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	**182**	Q	10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	**127**	Q	24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	98		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	40		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	121		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	87		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	74		22-136

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164698
Report Date: 12/16/21

SAMPLE RESULTS

Lab ID: L2164698-05
Client ID: MW-204
Sample Location: LIBERTY, NY

Date Collected: 11/22/21 11:00
Date Received: 11/23/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/11/21 21:24
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/02/21 10:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	2.50		ng/l	1.81	0.369	1
Perfluoropentanoic Acid (PFPeA)	1.12	J	ng/l	1.81	0.358	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.81	0.216	1
Perfluorohexanoic Acid (PFHxA)	0.945	J	ng/l	1.81	0.297	1
Perfluoroheptanoic Acid (PFHpA)	1.05	J	ng/l	1.81	0.204	1
Perfluorohexanesulfonic Acid (PFHxS)	0.456	J	ng/l	1.81	0.340	1
Perfluorooctanoic Acid (PFOA)	1.28	JF	ng/l	1.81	0.214	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.81	1.21	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.81	0.623	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.81	0.282	1
Perfluorooctanesulfonic Acid (PFOS)	4.68		ng/l	1.81	0.456	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.81	0.275	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.81	1.10	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.81	0.587	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.81	0.235	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.81	0.887	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.81	0.525	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.81	0.728	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.81	0.337	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.81	0.296	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.81	0.224	1
PFOA/PFOS, Total	5.96	J	ng/l	1.81	0.214	1

Project Name: GROSSINGERS **Lab Number:** L2164698

Project Number: 9313 **Report Date:** 12/16/21

SAMPLE RESULTS

Lab ID: L2164698-05 Date Collected: 11/22/21 11:00

Client ID: MW-204 Date Received: 11/23/21

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	103		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	106		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	100		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	93		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	100		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	105		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	101		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**192**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	103		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	92		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	94		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	144		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	99		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	91		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	31		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	103		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	81		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	77		22-136

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164698
Report Date: 12/16/21

SAMPLE RESULTS

Lab ID: L2164698-06
Client ID: MW-211
Sample Location: LIBERTY, NY

Date Collected: 11/22/21 09:40
Date Received: 11/23/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/11/21 21:40
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/02/21 10:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.445	J	ng/l	1.81	0.369	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	1.81	0.358	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.81	0.215	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.81	0.297	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.81	0.204	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.81	0.340	1
Perfluorooctanoic Acid (PFOA)	0.745	JF	ng/l	1.81	0.213	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.81	1.20	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.81	0.622	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.81	0.282	1
Perfluorooctanesulfonic Acid (PFOS)	2.06		ng/l	1.81	0.456	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.81	0.275	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.81	1.10	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.81	0.586	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.81	0.235	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.81	0.886	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.81	0.525	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.81	0.727	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.81	0.336	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.81	0.296	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.81	0.224	1
PFOA/PFOS, Total	2.81	J	ng/l	1.81	0.213	1

Project Name: GROSSINGERS **Lab Number:** L2164698

Project Number: 9313 **Report Date:** 12/16/21

SAMPLE RESULTS

Lab ID: L2164698-06 Date Collected: 11/22/21 09:40

Client ID: MW-211 Date Received: 11/23/21

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	76		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	84		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	106		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	73		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	77		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	117		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	80		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	130		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	84		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	103		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	80		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	98		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	81		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	88		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	28		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	91		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	78		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	79		22-136

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164698
Report Date: 12/16/21

SAMPLE RESULTS

Lab ID: L2164698-07
Client ID: MW-209
Sample Location: LIBERTY, NY

Date Collected: 11/22/21 11:40
Date Received: 11/23/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/11/21 21:57
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/02/21 10:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	2.11		ng/l	1.75	0.357	1
Perfluoropentanoic Acid (PFPeA)	1.20	J	ng/l	1.75	0.347	1
Perfluorobutanesulfonic Acid (PFBS)	0.547	J	ng/l	1.75	0.208	1
Perfluorohexanoic Acid (PFHxA)	0.760	J	ng/l	1.75	0.287	1
Perfluoroheptanoic Acid (PFHpA)	0.866	J	ng/l	1.75	0.197	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.75	0.329	1
Perfluorooctanoic Acid (PFOA)	2.55		ng/l	1.75	0.207	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.75	1.17	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.75	0.603	1
Perfluorononanoic Acid (PFNA)	0.578	J	ng/l	1.75	0.273	1
Perfluorooctanesulfonic Acid (PFOS)	1.76		ng/l	1.75	0.442	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.75	0.266	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.75	1.06	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.75	0.568	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.75	0.228	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.75	0.858	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.75	0.508	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.75	0.704	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.75	0.326	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.75	0.287	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.75	0.217	1
PFOA/PFOS, Total	4.31		ng/l	1.75	0.207	1

Project Name: GROSSINGERS **Lab Number:** L2164698

Project Number: 9313 **Report Date:** 12/16/21

SAMPLE RESULTS

Lab ID: L2164698-07 Date Collected: 11/22/21 11:40

Client ID: MW-209 Date Received: 11/23/21

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	105		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	105		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	105		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	88		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	99		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	119		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	105		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**208**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	109		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	109		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	100		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	142		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	106		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	99		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	43		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	110		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	89		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	88		22-136

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164698
Report Date: 12/16/21

SAMPLE RESULTS

Lab ID: L2164698-08
Client ID: FB
Sample Location: LIBERTY, NY

Date Collected: 11/22/21 12:00
Date Received: 11/23/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/11/21 22:13
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/02/21 10:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	1.88	0.383	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	1.88	0.371	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.88	0.223	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.88	0.308	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.88	0.211	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.88	0.353	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.88	0.221	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.88	1.25	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.88	0.645	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.88	0.293	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.88	0.473	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.88	0.285	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.88	1.14	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.88	0.608	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.88	0.244	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.88	0.919	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.88	0.544	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.88	0.754	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.88	0.349	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.88	0.307	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.88	0.232	1
PFOA/PFOS, Total	ND		ng/l	1.88	0.221	1

Project Name: GROSSINGERS **Lab Number:** L2164698

Project Number: 9313 **Report Date:** 12/16/21

SAMPLE RESULTS

Lab ID: L2164698-08 Date Collected: 11/22/21 12:00

Client ID: FB Date Received: 11/23/21

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	102		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	120		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	104		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	98		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	103		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	112		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	101		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	104		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	103		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	97		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	99		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	126		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	104		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	103		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	55		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	104		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	98		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	84		22-136

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164698
Report Date: 12/16/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/09/21 06:25
Analyst: HT

Extraction Method: ALPHA 23528
Extraction Date: 12/02/21 10:15

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-08 Batch: WG1578134-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	2.00	0.408
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.00	0.396
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	2.00	0.238
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	2.00	0.328
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	2.00	0.225
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	2.00	0.376
Perfluorooctanoic Acid (PFOA)	ND		ng/l	2.00	0.236
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	2.00	1.33
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.00	0.688
Perfluorononanoic Acid (PFNA)	ND		ng/l	2.00	0.312
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	2.00	0.504
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.00	0.304
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.00	1.21
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.00	0.648
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.00	0.260
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.00	0.980
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.00	0.804
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.00	0.372
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.00	0.327
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.00	0.248
PFOA/PFOS, Total	ND		ng/l	2.00	0.236

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164698
Report Date: 12/16/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/09/21 06:25
Analyst: HT

Extraction Method: ALPHA 23528
Extraction Date: 12/02/21 10:15

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-08 Batch: WG1578134-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	106		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	121		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	111		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	110		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	109		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	110		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	113		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	99		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	109		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	101		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	101		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	101		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	95		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	101		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	47		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	95		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	102		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	88		22-136

Lab Control Sample Analysis

Batch Quality Control

Project Name: GROSSINGERS

Project Number: 9313

Lab Number: L2164698

Report Date: 12/16/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-08 Batch: WG1578134-2								
Perfluorobutanoic Acid (PFBA)	100		-		67-148	-		30
Perfluoropentanoic Acid (PFPeA)	100		-		63-161	-		30
Perfluorobutanesulfonic Acid (PFBS)	98		-		65-157	-		30
Perfluorohexanoic Acid (PFHxA)	100		-		69-168	-		30
Perfluoroheptanoic Acid (PFHpA)	104		-		58-159	-		30
Perfluorohexanesulfonic Acid (PFHxS)	106		-		69-177	-		30
Perfluorooctanoic Acid (PFOA)	100		-		63-159	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	101		-		49-187	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	97		-		61-179	-		30
Perfluorononanoic Acid (PFNA)	103		-		68-171	-		30
Perfluorooctanesulfonic Acid (PFOS)	109		-		52-151	-		30
Perfluorodecanoic Acid (PFDA)	104		-		63-171	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	117		-		56-173	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	99		-		60-166	-		30
Perfluoroundecanoic Acid (PFUnA)	108		-		60-153	-		30
Perfluorodecanesulfonic Acid (PFDS)	110		-		38-156	-		30
Perfluorooctanesulfonamide (FOSA)	94		-		46-170	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	104		-		45-170	-		30
Perfluorododecanoic Acid (PFDoA)	101		-		67-153	-		30
Perfluorotridecanoic Acid (PFTrDA)	108		-		48-158	-		30
Perfluorotetradecanoic Acid (PFTA)	105		-		59-182	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: GROSSINGERS

Project Number: 9313

Lab Number: L2164698

Report Date: 12/16/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-08 Batch: WG1578134-2								

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	104				58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	121				62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	110				70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	108				57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	105				60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	108				71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	109				62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	105				14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	111				59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	103				69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	100				62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	100				10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	96				24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	110				55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	57				10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	107				27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	111				48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	98				22-136

Matrix Spike Analysis
Batch Quality Control

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164698
Report Date: 12/16/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1578134-3 WG1578134-4 QC Sample: L2164791-10 Client ID: MS Sample												
Perfluorobutanoic Acid (PFBA)	ND	35.5	36.2	102		35.4	100		67-148	2		30
Perfluoropentanoic Acid (PFPeA)	ND	35.5	36.8	104		35.7	100		63-161	3		30
Perfluorobutanesulfonic Acid (PFBS)	ND	31.5	32.5	103		31.5	100		65-157	3		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	33.2	35.7	108		33.0	99		37-219	8		30
Perfluorohexanoic Acid (PFHxA)	ND	35.5	36.1	102		35.2	99		69-168	3		30
Perfluoropentanesulfonic Acid (PFPeS)	ND	33.4	31.2	94		29.2	87		52-156	7		30
Perfluoroheptanoic Acid (PFHpA)	ND	35.5	37.0	104		35.6	100		58-159	4		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	32.4	35.2	109		34.2	105		69-177	3		30
Perfluorooctanoic Acid (PFOA)	ND	35.5	37.2	105		37.1	104		63-159	0		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	33.8	36.2	107		35.1	104		49-187	3		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	33.8	33.6	100		32.0	94		61-179	5		30
Perfluorononanoic Acid (PFNA)	ND	35.5	37.8	107		37.4	105		68-171	1		30
Perfluorooctanesulfonic Acid (PFOS)	1.11JF	32.9	37.1	109		37.0	109		52-151	0		30
Perfluorodecanoic Acid (PFDA)	ND	35.5	35.5	100		35.5	100		63-171	0		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	34.1	35.0	103		34.3	100		56-173	2		30
Perfluorononanesulfonic Acid (PFNS)	ND	34.1	35.6	104		31.7	93		48-150	12		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	35.5	36.5	103		33.6	94		60-166	8		30
Perfluoroundecanoic Acid (PFUnA)	ND	35.5	37.9	107		37.4	105		60-153	1		30
Perfluorodecanesulfonic Acid (PFDS)	ND	34.2	34.9	102		36.0	105		38-156	3		30
Perfluorooctanesulfonamide (FOSA)	ND	35.5	35.0F	99		31.7F	89		46-170	10		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	35.5	35.1	99		32.6	92		45-170	7		30
Perfluorododecanoic Acid (PFDoA)	ND	35.5	35.3	100		35.8	101		67-153	1		30

Matrix Spike Analysis

Batch Quality Control

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164698
Report Date: 12/16/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1578134-3 WG1578134-4 QC Sample: L2164791-10 Client ID: MS Sample												
Perfluorotridecanoic Acid (PFTrDA)	ND	35.5	41.3	116		39.3	110		48-158	5		30
Perfluorotetradecanoic Acid (PFTA)	ND	35.5	38.8	109		35.7	100		59-182	8		30

Surrogate (Extracted Internal Standard)	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	126		125		10-162
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	**154**	Q	**159**	Q	12-142
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	125		125		14-147
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	113		123		27-126
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	91		99		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	105		106		55-137
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	103		98		62-124
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	113		110		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	111		105		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	117		117		71-134
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	101		96		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	86		93		22-136
Perfluoro[13C4]Butanoic Acid (MPFBA)	102		102		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	114		115		62-163
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	33		37		10-112
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	110		110		69-131
Perfluoro[13C8]Octanoic Acid (M8PFOA)	106		103		62-129
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	108		103		59-139
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	116		115		70-131

Project Name: GROSSINGERS
Project Number: 9313

Lab Number: L2164698
Report Date: 12/16/21

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2164698-01A	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)
L2164698-01B	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)
L2164698-01C	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)
L2164698-01D	Plastic 250ml unpreserved	B	NA		2.3	Y	Absent		A2-NY-537-ISOTOPE(14)
L2164698-01E	Plastic 250ml unpreserved	B	NA		2.3	Y	Absent		A2-NY-537-ISOTOPE(14)
L2164698-02A	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)
L2164698-02B	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)
L2164698-02C	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)
L2164698-02D	Plastic 250ml unpreserved	B	NA		2.3	Y	Absent		A2-NY-537-ISOTOPE(14)
L2164698-02E	Plastic 250ml unpreserved	B	NA		2.3	Y	Absent		A2-NY-537-ISOTOPE(14)
L2164698-03A	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)
L2164698-03B	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)
L2164698-03C	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)
L2164698-03D	Plastic 250ml unpreserved	B	NA		2.3	Y	Absent		A2-NY-537-ISOTOPE(14)
L2164698-03E	Plastic 250ml unpreserved	B	NA		2.3	Y	Absent		A2-NY-537-ISOTOPE(14)
L2164698-04A	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)
L2164698-04B	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)
L2164698-04C	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)
L2164698-04D	Plastic 250ml unpreserved	B	NA		2.3	Y	Absent		A2-NY-537-ISOTOPE(14)
L2164698-04E	Plastic 250ml unpreserved	B	NA		2.3	Y	Absent		A2-NY-537-ISOTOPE(14)
L2164698-05A	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)
L2164698-05B	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: GROSSINGERS
Project Number: 9313

Lab Number: L2164698
Report Date: 12/16/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2164698-05C	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)
L2164698-05D	Plastic 250ml unpreserved	B	NA		2.3	Y	Absent		A2-NY-537-ISOTOPE(14)
L2164698-05E	Plastic 250ml unpreserved	B	NA		2.3	Y	Absent		A2-NY-537-ISOTOPE(14)
L2164698-06A	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)
L2164698-06B	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)
L2164698-06C	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)
L2164698-06D	Plastic 250ml unpreserved	B	NA		2.3	Y	Absent		A2-NY-537-ISOTOPE(14)
L2164698-06E	Plastic 250ml unpreserved	B	NA		2.3	Y	Absent		A2-NY-537-ISOTOPE(14)
L2164698-07A	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)
L2164698-07B	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)
L2164698-07C	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)
L2164698-07D	Plastic 250ml unpreserved	B	NA		2.3	Y	Absent		A2-NY-537-ISOTOPE(14)
L2164698-07E	Plastic 250ml unpreserved	B	NA		2.3	Y	Absent		A2-NY-537-ISOTOPE(14)
L2164698-08A	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)
L2164698-08B	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)
L2164698-08C	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)
L2164698-08D	Plastic 250ml unpreserved	B	NA		2.3	Y	Absent		A2-NY-537-ISOTOPE(14)
L2164698-09A	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)
L2164698-09B	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2164698
Report Date: 12/16/21

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name:	GROSSINGERS	**Lab Number:**	L2164698
Project Number:	9313	**Report Date:**	12/16/21

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	GROSSINGERS	**Lab Number:**	L2164698
Project Number:	9313	**Report Date:**	12/16/21

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	GROSSINGERS	**Lab Number:**	L2164698
Project Number:	9313	**Report Date:**	12/16/21

Data Qualifiers

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: DU Report with 'J' Qualifiers

Project Name:	GROSSINGERS	**Lab Number:**	L2164698
Project Number:	9313	**Report Date:**	12/16/21

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

134 Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS) using Isotope Dilution. Alpha SOP 23528.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

NEW JERSEY CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 11/23/21

ALPHA Job #: L2164698

Client Information
Client: SES (Consulting Engineers)
Address: 12A Mayfair Ave
Pine Brook, NJ
Phone: [redacted]-975-5081
Fax:
Email: TTK@ESI.cRG

Project Information
Project Name: Grossinger
Project Location: Liberty, NY
Project #: 9313
(Use Project name as Project #)
Project Manager: Todd Kelly
ALPHAQuote #:

Turn-Around Time
Standard: X
Rush (only if pre approved):
Due Date:
# of Days:

Deliverables
NJ Full / Reduced
EQuIS (1 File)
EQuIS (4 File)
Other: ASP-B

Regulatory Requirement
SRS Residential/Non Residential
SRS Impact to Groundwater
NJ Ground Water Quality Standards
NJ IGW SPLP Leachate Criteria
Other: NY AWQ Standards

Billing Information
Same as Client Info
PO #

Site Information
Is this site impacted by Petroleum? Yes
Petroleum Product:

These samples have been previously analyzed by Alpha

For EPH, selection is REQUIRED:
Category 1
Category 2

For VOC, selection is REQUIRED:
1,4-Dioxane
8011

Other project specific requirements/comments:
Please specify Metals or TAL.

Sample Filtration
Done
Lab to do
Preservation
Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOC +15	PFAS	Total Bottle	Sample Specific Comments
64698-01	MW-206	11/22/21	1135	GW	RF	X	X		
-02	MW-207		1020			X	X		
-03	MW-214		935			X	X		
-04	MW-203		1030		MEM	X	X		
-05	MW-204		1100			X	X		
-06	MW-211		940			X	X		
-07	MW-209		1140			X	X		
-08	FB		1200	Blank		X	X		
-09	TB	11/15/21	—		ES	X			

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	V	P
Preservative	B	A

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	11/22/21 12:25	WASHINGTON AAL	11/23/21 12:25
WASHINGTON	11/23/21 13:47	Paul Mazzella	11/23/21 16:30
Paul Mazzella 11/23/21			
		Not Received	11/23/21 23:00

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-14 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2236815
Client:	Soils Engineering Services, Inc. 959 Route 46E Parsippany, NJ 07054
ATTN:	Steven Gustems
Phone:	(973) 808-9050
Project Name:	GROSSINGERS
Project Number:	9313
Report Date:	08/01/22

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: GROSSINGERS
Project Number: 9313

Lab Number: L2236815
Report Date: 08/01/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2236815-01	MW-203	WATER	LIBERTY, NY	07/11/22 10:45	07/11/22
L2236815-02	MW-204	WATER	LIBERTY, NY	07/11/22 12:50	07/11/22
L2236815-03	MW-206	WATER	LIBERTY, NY	07/11/22 12:20	07/11/22
L2236815-04	MW-207	WATER	LIBERTY, NY	07/11/22 13:00	07/11/22
L2236815-05	MW-216	WATER	LIBERTY, NY	07/11/22 13:15	07/11/22
L2236815-06	MW-217	WATER	LIBERTY, NY	07/11/22 11:50	07/11/22
L2236815-07	DUP	WATER	LIBERTY, NY	07/11/22 00:00	07/11/22
L2236815-08	FB	WATER	LIBERTY, NY	07/11/22 13:30	07/11/22
L2236815-09	TB	WATER	LIBERTY, NY	07/08/22 00:00	07/11/22

Project Name:	GROSSINGERS	**Lab Number:**	L2236815
Project Number:	9313	**Report Date:**	08/01/22

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: GROSSINGERS **Lab Number:** L2236815
Project Number: 9313 **Report Date:** 08/01/22

Case Narrative (continued)

Report Submission
August 01, 2022: This final report includes the results of all requested analyses.
July 22, 2022: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Perfluorinated Alkyl Acids by Isotope Dilution
L2236815-01, -02, -03, -04, -05, -07, and WG1661904-3: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.
L2236815-02, -04, -06, WG1661904-1, and WG1661904-2: The MeOH fraction of the extraction is reported for perfluorooctanesulfonamide (fosa) due to better extraction efficiency of the perfluoro[13c8]octanesulfonamide (m8fosa) Extracted Internal Standard.
L2236815-03: The sample was centrifuged and decanted prior to extraction due to sample matrix.
L2236815-08: The Field Blank has a result for 6:2FTS present above the reporting limit. The sample was verified as being labeled correctly by the laboratory. There is no remaining volume for re-extraction confirmation.
The Extracted Internal Standard recovery for the WG1661904-3 MS, associated with L2236815-01 through -08, is below the acceptance criteria (less than 10%) for perfluoro[13c8]octanesulfonamide (m8fosa) (6%). The associated MS spike compounds are within overall method allowances; therefore, no further action was taken.
The WG1661904-4 Laboratory Duplicate RPD for 1h,1h,2h,2h-perfluorooctanesulfonic acid (6:2fts) (67%), performed on L2236815-06, is outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 08/01/22

ORGANICS

VOLATILES

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2236815
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2236815-01
Client ID: MW-203
Sample Location: LIBERTY, NY

Date Collected: 07/11/22 10:45
Date Received: 07/11/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/20/22 12:16
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.28	J	ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	1.7	J	ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: GROSSINGERS **Lab Number:** L2236815

Project Number: 9313 **Report Date:** 08/01/22

SAMPLE RESULTS

Lab ID: L2236815-01 Date Collected: 07/11/22 10:45

Client ID: MW-203 Date Received: 07/11/22

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: GROSSINGERS **Lab Number:** L2236815

Project Number: 9313 **Report Date:** 08/01/22

SAMPLE RESULTS

Lab ID: L2236815-01 Date Collected: 07/11/22 10:45

Client ID: MW-203 Date Received: 07/11/22

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	1.2	J	ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	1.0	J	ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Tentatively Identified Compounds						
Total TIC Compounds	10.5	J	ug/l			1
Cyclopentane, Methyl-	1.14	NJ	ug/l			1
Unknown	2.69	J	ug/l			1
Unknown Aromatic	2.27	J	ug/l			1
Unknown Aromatic	1.09	J	ug/l			1
Unknown Benzene	1.30	J	ug/l			1
Pentane, 3-methyl-	1.96	NJ	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	85		70-130
4-Bromofluorobenzene	84		70-130
Dibromofluoromethane	113		70-130

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2236815
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2236815-02
Client ID: MW-204
Sample Location: LIBERTY, NY

Date Collected: 07/11/22 12:50
Date Received: 07/11/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/20/22 11:49
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: GROSSINGERS **Lab Number:** L2236815

Project Number: 9313 **Report Date:** 08/01/22

SAMPLE RESULTS

Lab ID: L2236815-02 Date Collected: 07/11/22 12:50

Client ID: MW-204 Date Received: 07/11/22

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: GROSSINGERS **Lab Number:** L2236815

Project Number: 9313 **Report Date:** 08/01/22

SAMPLE RESULTS

Lab ID: L2236815-02 Date Collected: 07/11/22 12:50

Client ID: MW-204 Date Received: 07/11/22

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	86		70-130
4-Bromofluorobenzene	84		70-130
Dibromofluoromethane	114		70-130

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2236815
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2236815-03
Client ID: MW-206
Sample Location: LIBERTY, NY

Date Collected: 07/11/22 12:20
Date Received: 07/11/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/20/22 11:23
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: GROSSINGERS **Lab Number:** L2236815

Project Number: 9313 **Report Date:** 08/01/22

SAMPLE RESULTS

Lab ID: L2236815-03 Date Collected: 07/11/22 12:20

Client ID: MW-206 Date Received: 07/11/22

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	1.5	J	ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: GROSSINGERS **Lab Number:** L2236815

Project Number: 9313 **Report Date:** 08/01/22

SAMPLE RESULTS

Lab ID: L2236815-03 Date Collected: 07/11/22 12:20

Client ID: MW-206 Date Received: 07/11/22

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	86		70-130
4-Bromofluorobenzene	84		70-130
Dibromofluoromethane	116		70-130

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2236815
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2236815-04
Client ID: MW-207
Sample Location: LIBERTY, NY

Date Collected: 07/11/22 13:00
Date Received: 07/11/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/20/22 10:56
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: GROSSINGERS **Lab Number:** L2236815

Project Number: 9313 **Report Date:** 08/01/22

SAMPLE RESULTS

Lab ID: L2236815-04 Date Collected: 07/11/22 13:00

Client ID: MW-207 Date Received: 07/11/22

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: GROSSINGERS **Lab Number:** L2236815

Project Number: 9313 **Report Date:** 08/01/22

SAMPLE RESULTS

Lab ID: L2236815-04 Date Collected: 07/11/22 13:00

Client ID: MW-207 Date Received: 07/11/22

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	85		70-130
4-Bromofluorobenzene	84		70-130
Dibromofluoromethane	112		70-130

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2236815
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2236815-05
Client ID: MW-216
Sample Location: LIBERTY, NY

Date Collected: 07/11/22 13:15
Date Received: 07/11/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/21/22 16:51
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	5.5		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: GROSSINGERS **Lab Number:** L2236815

Project Number: 9313 **Report Date:** 08/01/22

SAMPLE RESULTS

Lab ID: L2236815-05 Date Collected: 07/11/22 13:15

Client ID: MW-216 Date Received: 07/11/22

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	3.6	J	ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: GROSSINGERS **Lab Number:** L2236815

Project Number: 9313 **Report Date:** 08/01/22

SAMPLE RESULTS

Lab ID: L2236815-05 Date Collected: 07/11/22 13:15

Client ID: MW-216 Date Received: 07/11/22

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	129		70-130

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2236815
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2236815-06
Client ID: MW-217
Sample Location: LIBERTY, NY

Date Collected: 07/11/22 11:50
Date Received: 07/11/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/21/22 17:43
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	52		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: GROSSINGERS **Lab Number:** L2236815

Project Number: 9313 **Report Date:** 08/01/22

SAMPLE RESULTS

Lab ID: L2236815-06 Date Collected: 07/11/22 11:50

Client ID: MW-217 Date Received: 07/11/22

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: GROSSINGERS **Lab Number:** L2236815

Project Number: 9313 **Report Date:** 08/01/22

SAMPLE RESULTS

Lab ID: L2236815-06 Date Collected: 07/11/22 11:50

Client ID: MW-217 Date Received: 07/11/22

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	129		70-130

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2236815
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2236815-07
Client ID: DUP
Sample Location: LIBERTY, NY
Date Collected: 07/11/22 00:00
Date Received: 07/11/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/21/22 17:17
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.29	J	ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	1.9	J	ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: GROSSINGERS **Lab Number:** L2236815

Project Number: 9313 **Report Date:** 08/01/22

SAMPLE RESULTS

Lab ID: L2236815-07 Date Collected: 07/11/22 00:00

Client ID: DUP Date Received: 07/11/22

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: GROSSINGERS **Lab Number:** L2236815

Project Number: 9313 **Report Date:** 08/01/22

SAMPLE RESULTS

Lab ID: L2236815-07 Date Collected: 07/11/22 00:00

Client ID: DUP Date Received: 07/11/22

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	1.4	J	ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	1.1	J	ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
Total TIC Compounds	14.1	J	ug/l			1
Unknown	2.68	J	ug/l			1
Unknown Aromatic	1.13	J	ug/l			1
Unknown	1.25	J	ug/l			1
Unknown Aromatic	1.80	J	ug/l			1
Unknown Benzene	1.67	J	ug/l			1
Unknown Aromatic	3.25	J	ug/l			1
Benzene, 1-propenyl-	2.29	NJ	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	86		70-130
Dibromofluoromethane	121		70-130

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2236815
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2236815-08
Client ID: FB
Sample Location: LIBERTY, NY

Date Collected: 07/11/22 13:30
Date Received: 07/11/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/21/22 18:09
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: GROSSINGERS **Lab Number:** L2236815

Project Number: 9313 **Report Date:** 08/01/22

SAMPLE RESULTS

Lab ID: L2236815-08 Date Collected: 07/11/22 13:30

Client ID: FB Date Received: 07/11/22

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	2.9	J	ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: GROSSINGERS **Lab Number:** L2236815

Project Number: 9313 **Report Date:** 08/01/22

SAMPLE RESULTS

Lab ID: L2236815-08 Date Collected: 07/11/22 13:30

Client ID: FB Date Received: 07/11/22

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
Total TIC Compounds	1.24	J	ug/l			1
Unknown	1.24	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	126		70-130

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2236815
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2236815-09
Client ID: TB
Sample Location: LIBERTY, NY

Date Collected: 07/08/22 00:00
Date Received: 07/11/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/21/22 18:35
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: GROSSINGERS **Lab Number:** L2236815

Project Number: 9313 **Report Date:** 08/01/22

SAMPLE RESULTS

Lab ID: L2236815-09 Date Collected: 07/08/22 00:00

Client ID: TB Date Received: 07/11/22

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: GROSSINGERS **Lab Number:** L2236815

Project Number: 9313 **Report Date:** 08/01/22

SAMPLE RESULTS

Lab ID: L2236815-09 Date Collected: 07/08/22 00:00

Client ID: TB Date Received: 07/11/22

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	**131**	Q	70-130

Project Name: GROSSINGERS **Lab Number:** L2236815

Project Number: 9313 **Report Date:** 08/01/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/20/22 10:02
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1665695-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: GROSSINGERS **Lab Number:** L2236815

Project Number: 9313 **Report Date:** 08/01/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/20/22 10:02
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1665695-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2236815
Report Date: 08/01/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/20/22 10:02
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1665695-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2236815
Report Date: 08/01/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/20/22 10:02
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1665695-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	87		70-130
4-Bromofluorobenzene	82		70-130
Dibromofluoromethane	113		70-130

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2236815
Report Date: 08/01/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/21/22 10:21
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05-09 Batch: WG1666168-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: GROSSINGERS **Lab Number:** L2236815

Project Number: 9313 **Report Date:** 08/01/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/21/22 10:21
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05-09 Batch: WG1666168-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2236815
Report Date: 08/01/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/21/22 10:21
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05-09 Batch: WG1666168-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2236815
Report Date: 08/01/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/21/22 10:21
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05-09 Batch: WG1666168-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	122		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: GROSSINGERS
Project Number: 9313

Lab Number: L2236815
Report Date: 08/01/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1665695-3 WG1665695-4								
Methylene chloride	91		92		70-130	1		20
1,1-Dichloroethane	95		94		70-130	1		20
Chloroform	93		92		70-130	1		20
Carbon tetrachloride	120		110		63-132	9		20
1,2-Dichloropropane	87		86		70-130	1		20
Dibromochloromethane	100		97		63-130	3		20
1,1,2-Trichloroethane	82		84		70-130	2		20
Tetrachloroethene	97		94		70-130	3		20
Chlorobenzene	88		89		75-130	1		20
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	98		99		67-130	1		20
Bromodichloromethane	94		95		67-130	1		20
trans-1,3-Dichloropropene	80		80		70-130	0		20
cis-1,3-Dichloropropene	91		93		70-130	2		20
1,1-Dichloropropene	93		94		70-130	1		20
Bromoform	91		89		54-136	2		20
1,1,2,2-Tetrachloroethane	89		91		67-130	2		20
Benzene	91		92		70-130	1		20
Toluene	81		81		70-130	0		20
Ethylbenzene	80		80		70-130	0		20
Chloromethane	90		91		64-130	1		20
Bromomethane	60		58		39-139	3		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: GROSSINGERS
Project Number: 9313

Lab Number: L2236815
Report Date: 08/01/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1665695-3 WG1665695-4								
Vinyl chloride	87		86		55-140	1		20
Chloroethane	85		84		55-138	1		20
1,1-Dichloroethene	96		92		61-145	4		20
trans-1,2-Dichloroethene	96		97		70-130	1		20
Trichloroethene	82		81		70-130	1		20
1,2-Dichlorobenzene	97		96		70-130	1		20
1,3-Dichlorobenzene	94		93		70-130	1		20
1,4-Dichlorobenzene	95		95		70-130	0		20
Methyl tert butyl ether	98		100		63-130	2		20
p/m-Xylene	90		85		70-130	6		20
o-Xylene	90		90		70-130	0		20
cis-1,2-Dichloroethene	97		94		70-130	3		20
Dibromomethane	98		100		70-130	2		20
1,2,3-Trichloropropane	82		88		64-130	7		20
Acrylonitrile	100		110		70-130	10		20
Styrene	85		85		70-130	0		20
Dichlorodifluoromethane	100		99		36-147	1		20
Acetone	97		99		58-148	2		20
Carbon disulfide	90		89		51-130	1		20
2-Butanone	100		97		63-138	3		20
Vinyl acetate	**180**	Q	**180**	Q	70-130	0		20
4-Methyl-2-pentanone	86		87		59-130	1		20
2-Hexanone	84		82		57-130	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: GROSSINGERS
Project Number: 9313

Lab Number: L2236815
Report Date: 08/01/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1665695-3 WG1665695-4								
Bromochloromethane	120		120		70-130	0		20
2,2-Dichloropropane	100		96		63-133	4		20
1,2-Dibromoethane	94		95		70-130	1		20
1,3-Dichloropropane	84		82		70-130	2		20
1,1,1,2-Tetrachloroethane	95		94		64-130	1		20
Bromobenzene	97		94		70-130	3		20
n-Butylbenzene	69		68		53-136	1		20
sec-Butylbenzene	81		80		70-130	1		20
tert-Butylbenzene	89		89		70-130	0		20
o-Chlorotoluene	80		79		70-130	1		20
p-Chlorotoluene	78		78		70-130	0		20
1,2-Dibromo-3-chloropropane	100		100		41-144	0		20
Hexachlorobutadiene	**57**	Q	**54**	Q	63-130	5		20
Isopropylbenzene	86		85		70-130	1		20
p-Isopropyltoluene	85		85		70-130	0		20
Naphthalene	91		90		70-130	1		20
n-Propylbenzene	77		77		69-130	0		20
1,2,3-Trichlorobenzene	89		87		70-130	2		20
1,2,4-Trichlorobenzene	82		81		70-130	1		20
1,3,5-Trimethylbenzene	84		82		64-130	2		20
1,2,4-Trimethylbenzene	82		81		70-130	1		20
1,4-Dioxane	118		120		56-162	2		20
p-Diethylbenzene	83		82		70-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: GROSSINGERS

Project Number: 9313

Lab Number: L2236815

Report Date: 08/01/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1665695-3 WG1665695-4								
p-Ethyltoluene	82		81		70-130	1		20
1,2,4,5-Tetramethylbenzene	76		76		70-130	0		20
Ethyl ether	100		100		59-134	0		20
trans-1,4-Dichloro-2-butene	**62**	Q	**60**	Q	70-130	3		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		101		70-130
Toluene-d8	88		88		70-130
4-Bromofluorobenzene	82		83		70-130
Dibromofluoromethane	111		112		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2236815
Report Date: 08/01/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-09 Batch: WG1666168-3 WG1666168-4								
Methylene chloride	110		110		70-130	0		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	110		110		70-130	0		20
Carbon tetrachloride	120		120		63-132	0		20
1,2-Dichloropropane	100		110		70-130	10		20
Dibromochloromethane	100		100		63-130	0		20
1,1,2-Trichloroethane	99		100		70-130	1		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	100		110		75-130	10		20
Trichlorofluoromethane	120		120		62-150	0		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	120		110		67-130	9		20
Bromodichloromethane	110		110		67-130	0		20
trans-1,3-Dichloropropene	91		95		70-130	4		20
cis-1,3-Dichloropropene	110		110		70-130	0		20
1,1-Dichloropropene	100		110		70-130	10		20
Bromoform	91		100		54-136	9		20
1,1,2,2-Tetrachloroethane	110		130		67-130	17		20
Benzene	110		110		70-130	0		20
Toluene	98		100		70-130	2		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	110		100		64-130	10		20
Bromomethane	94		84		39-139	11		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2236815
Report Date: 08/01/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-09 Batch: WG1666168-3 WG1666168-4								
Vinyl chloride	110		110		55-140	0		20
Chloroethane	110		110		55-138	0		20
1,1-Dichloroethene	120		120		61-145	0		20
trans-1,2-Dichloroethene	120		120		70-130	0		20
Trichloroethene	94		94		70-130	0		20
1,2-Dichlorobenzene	99		110		70-130	11		20
1,3-Dichlorobenzene	100		110		70-130	10		20
1,4-Dichlorobenzene	100		110		70-130	10		20
Methyl tert butyl ether	92		99		63-130	7		20
p/m-Xylene	110		105		70-130	5		20
o-Xylene	105		105		70-130	0		20
cis-1,2-Dichloroethene	110		110		70-130	0		20
Dibromomethane	120		110		70-130	9		20
1,2,3-Trichloropropane	88		98		64-130	11		20
Acrylonitrile	120		120		70-130	0		20
Styrene	110		110		70-130	0		20
Dichlorodifluoromethane	100		100		36-147	0		20
Acetone	99		93		58-148	6		20
Carbon disulfide	120		120		51-130	0		20
2-Butanone	75		100		63-138	**29**	Q	20
Vinyl acetate	**280**	Q	**300**	Q	70-130	7		20
4-Methyl-2-pentanone	70		81		59-130	15		20
2-Hexanone	73		81		57-130	10		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: GROSSINGERS

Project Number: 9313

Lab Number: L2236815

Report Date: 08/01/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-09 Batch: WG1666168-3 WG1666168-4								
Bromochloromethane	130		120		70-130	8		20
2,2-Dichloropropane	**150**	Q	**150**	Q	63-133	0		20
1,2-Dibromoethane	98		100		70-130	2		20
1,3-Dichloropropane	96		100		70-130	4		20
1,1,1,2-Tetrachloroethane	98		110		64-130	12		20
Bromobenzene	99		100		70-130	1		20
n-Butylbenzene	99		110		53-136	11		20
sec-Butylbenzene	96		100		70-130	4		20
tert-Butylbenzene	95		100		70-130	5		20
o-Chlorotoluene	93		99		70-130	6		20
p-Chlorotoluene	91		96		70-130	5		20
1,2-Dibromo-3-chloropropane	96		110		41-144	14		20
Hexachlorobutadiene	110		120		63-130	9		20
Isopropylbenzene	90		95		70-130	5		20
p-Isopropyltoluene	95		100		70-130	5		20
Naphthalene	85		98		70-130	14		20
n-Propylbenzene	93		98		69-130	5		20
1,2,3-Trichlorobenzene	100		110		70-130	10		20
1,2,4-Trichlorobenzene	97		110		70-130	13		20
1,3,5-Trimethylbenzene	90		98		64-130	9		20
1,2,4-Trimethylbenzene	90		97		70-130	7		20
1,4-Dioxane	92		102		56-162	10		20
p-Diethylbenzene	92		98		70-130	6		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: GROSSINGERS

Project Number: 9313

Lab Number: L2236815

Report Date: 08/01/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-09 Batch: WG1666168-3 WG1666168-4								
p-Ethyltoluene	92		98		70-130	6		20
1,2,4,5-Tetramethylbenzene	85		92		70-130	8		20
Ethyl ether	100		110		59-134	10		20
trans-1,4-Dichloro-2-butene	90		97		70-130	7		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		97		70-130
Toluene-d8	93		95		70-130
4-Bromofluorobenzene	90		87		70-130
Dibromofluoromethane	113		107		70-130

SEMIVOLATILES

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2236815
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2236815-01
Client ID: MW-203
Sample Location: LIBERTY, NY

Date Collected: 07/11/22 10:45
Date Received: 07/11/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/13/22 16:11
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 07/12/22 18:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.982	J	ng/l	1.82	0.371	1
Perfluoropentanoic Acid (PFPeA)	1.28	J	ng/l	1.82	0.360	1
Perfluorobutanesulfonic Acid (PFBS)	0.462	J	ng/l	1.82	0.216	1
Perfluorohexanoic Acid (PFHxA)	0.909	JF	ng/l	1.82	0.298	1
Perfluoroheptanoic Acid (PFHpA)	1.12	J	ng/l	1.82	0.205	1
Perfluorohexanesulfonic Acid (PFHxS)	0.538	J	ng/l	1.82	0.342	1
Perfluorooctanoic Acid (PFOA)	2.92		ng/l	1.82	0.214	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	53.4		ng/l	1.82	1.21	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.82	0.625	1
Perfluorononanoic Acid (PFNA)	0.476	J	ng/l	1.82	0.284	1
Perfluorooctanesulfonic Acid (PFOS)	9.37		ng/l	1.82	0.458	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.82	0.276	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.82	1.10	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.82	0.589	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.82	0.236	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.82	0.891	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.82	0.527	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	1.82		ng/l	1.82	0.731	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.82	0.338	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.82	0.297	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.82	0.225	1
PFOA/PFOS, Total	12.3		ng/l	1.82	0.214	1

Project Name: GROSSINGERS **Lab Number:** L2236815

Project Number: 9313 **Report Date:** 08/01/22

SAMPLE RESULTS

Lab ID: L2236815-01 Date Collected: 07/11/22 10:45

Client ID: MW-203 Date Received: 07/11/22

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	95		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	103		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	87		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	80		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	84		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	85		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	97		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**218**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	112		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	109		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	94		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	**173**	Q	10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	59		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	77		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	17		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	63		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	66		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	74		22-136

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2236815
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2236815-02
Client ID: MW-204
Sample Location: LIBERTY, NY

Date Collected: 07/11/22 12:50
Date Received: 07/11/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/13/22 16:27
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 07/12/22 18:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	1.80	0.368	1
Perfluoropentanoic Acid (PFPeA)	0.966	J	ng/l	1.80	0.357	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.80	0.214	1
Perfluorohexanoic Acid (PFHxA)	0.386	JF	ng/l	1.80	0.296	1
Perfluoroheptanoic Acid (PFHpA)	0.310	J	ng/l	1.80	0.203	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.80	0.339	1
Perfluorooctanoic Acid (PFOA)	1.17	J	ng/l	1.80	0.213	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	1.24	J	ng/l	1.80	1.20	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.80	0.620	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.80	0.281	1
Perfluorooctanesulfonic Acid (PFOS)	2.83		ng/l	1.80	0.454	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.80	0.274	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.80	1.09	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.80	0.584	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.80	0.234	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.80	0.883	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.80	0.725	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.80	0.335	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.80	0.295	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.80	0.224	1
PFOA/PFOS, Total	4.00	J	ng/l	1.80	0.213	1

Project Name: GROSSINGERS **Lab Number:** L2236815

Project Number: 9313 **Report Date:** 08/01/22

SAMPLE RESULTS

Lab ID: L2236815-02 Date Collected: 07/11/22 12:50

Client ID: MW-204 Date Received: 07/11/22

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	97		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	93		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	91		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	90		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	92		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	90		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	98		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**154**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	109		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	108		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	96		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	134		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	53		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	79		55-137
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	52		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	65		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	78		22-136

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2236815
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2236815-02
Client ID: MW-204
Sample Location: LIBERTY, NY

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/30/22 14:34
Analyst: SG

Date Collected: 07/11/22 12:50
Date Received: 07/11/22
Field Prep: Not Specified

Extraction Method: ALPHA 23528
Extraction Date: 07/12/22 18:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.80	0.523	1

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	64		10-112

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2236815
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2236815-03
Client ID: MW-206
Sample Location: LIBERTY, NY

Date Collected: 07/11/22 12:20
Date Received: 07/11/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/13/22 16:44
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 07/12/22 18:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	4.43		ng/l	1.79	0.365	1
Perfluoropentanoic Acid (PFPeA)	1.88		ng/l	1.79	0.354	1
Perfluorobutanesulfonic Acid (PFBS)	0.869	J	ng/l	1.79	0.213	1
Perfluorohexanoic Acid (PFHxA)	1.67	JF	ng/l	1.79	0.293	1
Perfluoroheptanoic Acid (PFHpA)	1.87		ng/l	1.79	0.201	1
Perfluorohexanesulfonic Acid (PFHxS)	1.74	J	ng/l	1.79	0.336	1
Perfluorooctanoic Acid (PFOA)	9.34		ng/l	1.79	0.211	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	1.22	J	ng/l	1.79	1.19	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.79	0.615	1
Perfluorononanoic Acid (PFNA)	0.497	J	ng/l	1.79	0.279	1
Perfluorooctanesulfonic Acid (PFOS)	21.1		ng/l	1.79	0.450	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.79	0.272	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.79	1.08	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.79	0.579	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.79	0.232	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.79	0.876	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.79	0.518	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.79	0.719	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.79	0.332	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.79	0.292	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.79	0.222	1
PFOA/PFOS, Total	30.4		ng/l	1.79	0.211	1

Project Name: GROSSINGERS **Lab Number:** L2236815

Project Number: 9313 **Report Date:** 08/01/22

SAMPLE RESULTS

Lab ID: L2236815-03 Date Collected: 07/11/22 12:20

Client ID: MW-206 Date Received: 07/11/22

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	91		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	93		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	97		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	83		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	84		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	93		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	92		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**197**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	105		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	115		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	92		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	**165**	Q	10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	53		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	82		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	11		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	53		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	69		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	82		22-136

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2236815
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2236815-04
Client ID: MW-207
Sample Location: LIBERTY, NY

Date Collected: 07/11/22 13:00
Date Received: 07/11/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/13/22 17:00
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 07/12/22 18:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	1.50	J	ng/l	1.80	0.368	1
Perfluoropentanoic Acid (PFPeA)	1.39	J	ng/l	1.80	0.358	1
Perfluorobutanesulfonic Acid (PFBS)	0.632	J	ng/l	1.80	0.215	1
Perfluorohexanoic Acid (PFHxA)	0.935	J	ng/l	1.80	0.296	1
Perfluoroheptanoic Acid (PFHpA)	0.953	J	ng/l	1.80	0.203	1
Perfluorohexanesulfonic Acid (PFHxS)	1.06	J	ng/l	1.80	0.339	1
Perfluorooctanoic Acid (PFOA)	4.96		ng/l	1.80	0.213	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	2.49		ng/l	1.80	1.20	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.80	0.621	1
Perfluorononanoic Acid (PFNA)	0.664	J	ng/l	1.80	0.282	1
Perfluorooctanesulfonic Acid (PFOS)	19.4		ng/l	1.80	0.455	1
Perfluorodecanoic Acid (PFDA)	0.574	J	ng/l	1.80	0.274	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.80	1.09	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.80	0.585	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.80	0.235	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.80	0.885	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.80	0.726	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.80	0.336	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.80	0.295	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.80	0.224	1
PFOA/PFOS, Total	24.4		ng/l	1.80	0.213	1

Project Name: GROSSINGERS **Lab Number:** L2236815

Project Number: 9313 **Report Date:** 08/01/22

SAMPLE RESULTS

Lab ID: L2236815-04 Date Collected: 07/11/22 13:00

Client ID: MW-207 Date Received: 07/11/22

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	95		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	96		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	91		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	84		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	85		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	92		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	93		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**188**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	109		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	107		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	91		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	152		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	55		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	78		55-137
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	58		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	65		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	69		22-136

Project Name: GROSSINGERS
Project Number: 9313

Lab Number: L2236815
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2236815-04
Client ID: MW-207
Sample Location: LIBERTY, NY

Date Collected: 07/11/22 13:00
Date Received: 07/11/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/31/22 12:05
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 07/12/22 18:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	0.585	JF	ng/l	1.80	0.524	1

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	58		10-112

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2236815
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2236815-05
Client ID: MW-216
Sample Location: LIBERTY, NY

Date Collected: 07/11/22 13:15
Date Received: 07/11/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/13/22 17:17
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 07/12/22 18:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	3.75		ng/l	1.78	0.363	1
Perfluoropentanoic Acid (PFPeA)	1.83		ng/l	1.78	0.352	1
Perfluorobutanesulfonic Acid (PFBS)	1.23	J	ng/l	1.78	0.212	1
Perfluorohexanoic Acid (PFHxA)	2.22		ng/l	1.78	0.292	1
Perfluoroheptanoic Acid (PFHpA)	1.74	J	ng/l	1.78	0.200	1
Perfluorohexanesulfonic Acid (PFHxS)	2.19	F	ng/l	1.78	0.335	1
Perfluorooctanoic Acid (PFOA)	7.28		ng/l	1.78	0.210	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	5.61		ng/l	1.78	1.18	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.78	0.612	1
Perfluorononanoic Acid (PFNA)	0.705	J	ng/l	1.78	0.278	1
Perfluorooctanesulfonic Acid (PFOS)	21.2		ng/l	1.78	0.448	1
Perfluorodecanoic Acid (PFDA)	0.328	JF	ng/l	1.78	0.270	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.78	1.08	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.78	0.577	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.78	0.231	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.78	0.872	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.78	0.516	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.78	0.716	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.78	0.331	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.78	0.291	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.78	0.221	1
PFOA/PFOS, Total	28.5		ng/l	1.78	0.210	1

Project Name: GROSSINGERS **Lab Number:** L2236815

Project Number: 9313 **Report Date:** 08/01/22

SAMPLE RESULTS

Lab ID: L2236815-05 Date Collected: 07/11/22 13:15

Client ID: MW-216 Date Received: 07/11/22

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	87		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	85		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	85		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	76		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	79		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	86		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	88		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**183**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	104		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	103		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	89		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	152		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	46		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	70		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	10		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	49		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	58		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	72		22-136

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2236815
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2236815-06
Client ID: MW-217
Sample Location: LIBERTY, NY

Date Collected: 07/11/22 11:50
Date Received: 07/11/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/13/22 17:50
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 07/12/22 18:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	2.26		ng/l	1.74	0.356	1
Perfluoropentanoic Acid (PFPeA)	1.41	J	ng/l	1.74	0.345	1
Perfluorobutanesulfonic Acid (PFBS)	2.10		ng/l	1.74	0.207	1
Perfluorohexanoic Acid (PFHxA)	1.97		ng/l	1.74	0.286	1
Perfluoroheptanoic Acid (PFHpA)	1.55	J	ng/l	1.74	0.196	1
Perfluorohexanesulfonic Acid (PFHxS)	3.88		ng/l	1.74	0.328	1
Perfluorooctanoic Acid (PFOA)	9.15		ng/l	1.74	0.206	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	3.05		ng/l	1.74	1.16	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.74	0.600	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.74	0.272	1
Perfluorooctanesulfonic Acid (PFOS)	15.8		ng/l	1.74	0.439	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.74	0.265	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.74	1.06	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.74	0.565	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.74	0.227	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.74	0.854	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.74	0.701	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.74	0.324	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.74	0.285	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.74	0.216	1
PFOA/PFOS, Total	25.0		ng/l	1.74	0.206	1

Project Name: GROSSINGERS **Lab Number:** L2236815

Project Number: 9313 **Report Date:** 08/01/22

SAMPLE RESULTS

Lab ID: L2236815-06 Date Collected: 07/11/22 11:50

Client ID: MW-217 Date Received: 07/11/22

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	76		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	81		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	94		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	77		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	74		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	88		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	76		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	131		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	91		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	104		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	81		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	135		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	43		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	72		55-137
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	45		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	67		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	82		22-136

Project Name: GROSSINGERS
Project Number: 9313

Lab Number: L2236815
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2236815-06
Client ID: MW-217
Sample Location: LIBERTY, NY

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/30/22 14:41
Analyst: SG

Date Collected: 07/11/22 11:50
Date Received: 07/11/22
Field Prep: Not Specified

Extraction Method: ALPHA 23528
Extraction Date: 07/12/22 18:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.74	0.506	1

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	80		10-112

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2236815
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2236815-07
Client ID: DUP
Sample Location: LIBERTY, NY

Date Collected: 07/11/22 00:00
Date Received: 07/11/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/13/22 18:23
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 07/12/22 18:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	1.79	J	ng/l	1.80	0.368	1
Perfluoropentanoic Acid (PFPeA)	0.915	J	ng/l	1.80	0.357	1
Perfluorobutanesulfonic Acid (PFBS)	0.440	JF	ng/l	1.80	0.214	1
Perfluorohexanoic Acid (PFHxA)	1.08	J	ng/l	1.80	0.296	1
Perfluoroheptanoic Acid (PFHpA)	0.948	J	ng/l	1.80	0.203	1
Perfluorohexanesulfonic Acid (PFHxS)	0.696	J	ng/l	1.80	0.339	1
Perfluorooctanoic Acid (PFOA)	3.04		ng/l	1.80	0.213	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	46.8		ng/l	1.80	1.20	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.80	0.620	1
Perfluorononanoic Acid (PFNA)	0.465	J	ng/l	1.80	0.281	1
Perfluorooctanesulfonic Acid (PFOS)	9.84		ng/l	1.80	0.454	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.80	0.274	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.80	1.09	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.80	0.584	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.80	0.234	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.80	0.883	1
Perfluorooctanesulfonamide (FOSA)	0.613	JF	ng/l	1.80	0.523	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2.04		ng/l	1.80	0.724	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.80	0.335	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.80	0.295	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.80	0.223	1
PFOA/PFOS, Total	12.9		ng/l	1.80	0.213	1

Project Name: GROSSINGERS **Lab Number:** L2236815

Project Number: 9313 **Report Date:** 08/01/22

SAMPLE RESULTS

Lab ID: L2236815-07 Date Collected: 07/11/22 00:00

Client ID: DUP Date Received: 07/11/22

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	101		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	92		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	96		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	88		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	92		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	96		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	104		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**234**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	123		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	115		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	101		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	**197**	Q	10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	69		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	85		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	14		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	64		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	72		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	81		22-136

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2236815
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2236815-08
Client ID: FB
Sample Location: LIBERTY, NY

Date Collected: 07/11/22 13:30
Date Received: 07/11/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/13/22 18:56
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 07/12/22 18:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	1.73	0.353	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	1.73	0.342	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.73	0.206	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.73	0.284	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.73	0.195	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.73	0.325	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.73	0.204	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	3.34		ng/l	1.73	1.15	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.73	0.595	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.73	0.270	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.73	0.436	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.73	0.263	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.73	1.05	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.73	0.560	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.73	0.225	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.73	0.847	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.73	0.501	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.73	0.695	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.73	0.322	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.73	0.283	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.73	0.214	1
PFOA/PFOS, Total	ND		ng/l	1.73	0.204	1

Project Name: GROSSINGERS **Lab Number:** L2236815

Project Number: 9313 **Report Date:** 08/01/22

SAMPLE RESULTS

Lab ID: L2236815-08 Date Collected: 07/11/22 13:30

Client ID: FB Date Received: 07/11/22

Sample Location: LIBERTY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	101		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	104		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	101		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	103		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	92		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	94		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	101		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	122		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	115		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	116		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	111		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	140		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	78		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	97		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	14		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	75		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	91		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	103		22-136

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2236815
Report Date: 08/01/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/13/22 13:25
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 07/12/22 18:02

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-08 Batch: WG1661904-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	2.00	0.408
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.00	0.396
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	2.00	0.238
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	2.00	0.328
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	2.00	0.225
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	2.00	0.376
Perfluorooctanoic Acid (PFOA)	ND		ng/l	2.00	0.236
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	2.00	1.33
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.00	0.688
Perfluorononanoic Acid (PFNA)	ND		ng/l	2.00	0.312
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	2.00	0.504
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.00	0.304
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.00	1.21
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.00	0.648
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.00	0.260
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.00	0.980
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.00	0.804
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.00	0.372
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.00	0.327
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.00	0.248
PFOA/PFOS, Total	ND		ng/l	2.00	0.236

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2236815
Report Date: 08/01/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/13/22 13:25
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 07/12/22 18:02

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-08 Batch: WG1661904-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	103		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	113		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	105		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	105		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	102		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	98		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	104		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	122		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	121		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	122		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	108		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	138		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	74		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	94		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	44		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	70		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	83		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	87		22-136

Project Name: GROSSINGERS
Project Number: 9313

Lab Number: L2236815
Report Date: 08/01/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/30/22 14:20
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 07/12/22 18:02

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-08 Batch: WG1661904-1					
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	77		10-112

Lab Control Sample Analysis
Batch Quality Control

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2236815
Report Date: 08/01/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-08 Batch: WG1661904-2								
Perfluorobutanoic Acid (PFBA)	104		-		67-148	-		30
Perfluoropentanoic Acid (PFPeA)	104		-		63-161	-		30
Perfluorobutanesulfonic Acid (PFBS)	106		-		65-157	-		30
Perfluorohexanoic Acid (PFHxA)	102		-		69-168	-		30
Perfluoroheptanoic Acid (PFHpA)	103		-		58-159	-		30
Perfluorohexanesulfonic Acid (PFHxS)	120		-		69-177	-		30
Perfluorooctanoic Acid (PFOA)	101		-		63-159	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	119		-		49-187	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	92		-		61-179	-		30
Perfluorononanoic Acid (PFNA)	88		-		68-171	-		30
Perfluorooctanesulfonic Acid (PFOS)	102		-		52-151	-		30
Perfluorodecanoic Acid (PFDA)	96		-		63-171	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	136		-		56-173	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	114		-		60-166	-		30
Perfluoroundecanoic Acid (PFUnA)	137		-		60-153	-		30
Perfluorodecanesulfonic Acid (PFDS)	95		-		38-156	-		30
Perfluorooctanesulfonamide (FOSA)	106		-		46-170	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	99		-		45-170	-		30
Perfluorododecanoic Acid (PFDoA)	101		-		67-153	-		30
Perfluorotridecanoic Acid (PFTrDA)	103		-		48-158	-		30
Perfluorotetradecanoic Acid (PFTA)	82		-		59-182	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: GROSSINGERS

Project Number: 9313

Lab Number: L2236815

Report Date: 08/01/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-08 Batch: WG1661904-2								

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	100				58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	111				62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	103				70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	101				57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	100				60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	98				71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	104				62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	120				14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	120				59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	115				69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	106				62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	138				10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	74				24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	89				55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	19				10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	84				27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	84				48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	98				22-136

Lab Control Sample Analysis

Batch Quality Control

Project Name: GROSSINGERS

Project Number: 9313

Lab Number: L2236815

Report Date: 08/01/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab	Associated sample(s): 01-08		Batch: WG1661904-2					
Perfluorooctanesulfonamide (FOSA)	106		-		46-170	-		30

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	81				10-112

Matrix Spike Analysis
Batch Quality Control

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2236815
Report Date: 08/01/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1661904-3 QC Sample: L2236815-05 Client ID: MW-216												
Perfluorobutanoic Acid (PFBA)	3.75	37.7	42.6	103		-	-		67-148	-		30
Perfluoropentanoic Acid (PFPeA)	1.83	37.7	42.1	107		-	-		63-161	-		30
Perfluorobutanesulfonic Acid (PFBS)	1.23J	33.5	35.4	102		-	-		65-157	-		30
Perfluorohexanoic Acid (PFHxA)	2.22	37.7	38.1	95		-	-		69-168	-		30
Perfluoroheptanoic Acid (PFHpA)	1.74J	37.7	39.8	101		-	-		58-159	-		30
Perfluorohexanesulfonic Acid (PFHxS)	2.19F	34.4	44.8	124		-	-		69-177	-		30
Perfluorooctanoic Acid (PFOA)	7.28	37.7	45.1	100		-	-		63-159	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	5.61	35.9	47.2	116		-	-		49-187	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	36	31.8	88		-	-		61-179	-		30
Perfluorononanoic Acid (PFNA)	0.705J	37.7	32.3	84		-	-		68-171	-		30
Perfluorooctanesulfonic Acid (PFOS)	21.2	35	54.3	95		-	-		52-151	-		30
Perfluorodecanoic Acid (PFDA)	0.328JF	37.7	36.9	97		-	-		63-171	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	36.2	43.7	121		-	-		56-173	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	37.7	42.8	114		-	-		60-166	-		30
Perfluoroundecanoic Acid (PFUnA)	ND	37.7	47.7	127		-	-		60-153	-		30
Perfluorodecanesulfonic Acid (PFDS)	ND	36.4	28.3	78		-	-		38-156	-		30
Perfluorooctanesulfonamide (FOSA)	ND	37.7	43.6F	116		-	-		46-170	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	37.7	39.5	105		-	-		45-170	-		30
Perfluorododecanoic Acid (PFDoA)	ND	37.7	37.3	99		-	-		67-153	-		30
Perfluorotridecanoic Acid (PFTrDA)	ND	37.7	35.3	94		-	-		48-158	-		30
Perfluorotetradecanoic Acid (PFTA)	ND	37.7	28.7	76		-	-		59-182	-		30

Matrix Spike Analysis

Batch Quality Control

Project Name: GROSSINGERS

Project Number: 9313

Lab Number: L2236815

Report Date: 08/01/22

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1661904-3 QC Sample: L2236815-05 Client ID: MW-216												

Surrogate (Extracted Internal Standard)	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	146				10-162
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**166**	Q			14-147
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	56				27-126
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	55				24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	74				55-137
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	87				62-124
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	79				57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	79				60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	80				71-134
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	64				48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	76				22-136
Perfluoro[13C4]Butanoic Acid (MPFBA)	87				58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	91				62-163
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	**6**	Q			10-112
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	100				69-131
Perfluoro[13C8]Octanoic Acid (M8PFOA)	87				62-129
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	102				59-139
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	84				70-131

Lab Duplicate Analysis
Batch Quality Control

Project Name: GROSSINGERS
Project Number: 9313

Lab Number: L2236815
Report Date: 08/01/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1661904-4 QC Sample: L2236815-06 Client ID: MW-217						
Perfluorobutanoic Acid (PFBA)	2.26	2.36	ng/l	4		30
Perfluoropentanoic Acid (PFPeA)	1.41J	1.90	ng/l	NC		30
Perfluorobutanesulfonic Acid (PFBS)	2.10	1.87	ng/l	12		30
Perfluorohexanoic Acid (PFHxA)	1.97	1.97	ng/l	0		30
Perfluoroheptanoic Acid (PFHpA)	1.55J	1.69J	ng/l	NC		30
Perfluorohexanesulfonic Acid (PFHxS)	3.88	3.97	ng/l	2		30
Perfluorooctanoic Acid (PFOA)	9.15	9.67	ng/l	6		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	3.05	6.14	ng/l	**67**	Q	30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	ND	ng/l	NC		30
Perfluorononanoic Acid (PFNA)	ND	0.304J	ng/l	NC		30
Perfluorooctanesulfonic Acid (PFOS)	15.8	16.6	ng/l	5		30
Perfluorodecanoic Acid (PFDA)	ND	ND	ng/l	NC		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	ND	ng/l	NC		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	ND	ng/l	NC		30
Perfluoroundecanoic Acid (PFUnA)	ND	ND	ng/l	NC		30
Perfluorodecanesulfonic Acid (PFDS)	ND	ND	ng/l	NC		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	ND	ng/l	NC		30
Perfluorododecanoic Acid (PFDoA)	ND	ND	ng/l	NC		30
Perfluorotridecanoic Acid (PFTrDA)	ND	ND	ng/l	NC		30
Perfluorotetradecanoic Acid (PFTA)	ND	ND	ng/l	NC		30

Lab Duplicate Analysis
Batch Quality Control

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2236815
Report Date: 08/01/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1661904-4 QC Sample: L2236815-06 Client ID: MW-217

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	76		75		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	81		85		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	94		85		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	77		75		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	74		72		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	88		83		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	76		71		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	131		122		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	91		83		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	104		98		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	81		79		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	135		119		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	43		46		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	72		72		55-137
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	45		44		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	67		68		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	82		80		22-136

Project Name: GROSSINGERS
Project Number: 9313

Lab Number: L2236815
Report Date: 08/01/22

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2236815-01A	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)
L2236815-01B	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)
L2236815-01C	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)
L2236815-01D	Plastic 250ml unpreserved	A	NA		2.0	Y	Absent		A2-NY-537-ISOTOPE(14)
L2236815-01E	Plastic 250ml unpreserved	A	NA		2.0	Y	Absent		A2-NY-537-ISOTOPE(14)
L2236815-02A	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)
L2236815-02B	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)
L2236815-02C	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)
L2236815-02D	Plastic 250ml unpreserved	A	NA		2.0	Y	Absent		A2-NY-537-ISOTOPE(14)
L2236815-02E	Plastic 250ml unpreserved	A	NA		2.0	Y	Absent		A2-NY-537-ISOTOPE(14)
L2236815-03A	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)
L2236815-03B	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)
L2236815-03C	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)
L2236815-03D	Plastic 250ml unpreserved	A	NA		2.0	Y	Absent		A2-NY-537-ISOTOPE(14)
L2236815-03E	Plastic 250ml unpreserved	A	NA		2.0	Y	Absent		A2-NY-537-ISOTOPE(14)
L2236815-04A	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)
L2236815-04B	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)
L2236815-04C	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)
L2236815-04D	Plastic 250ml unpreserved	A	NA		2.0	Y	Absent		A2-NY-537-ISOTOPE(14)
L2236815-04E	Plastic 250ml unpreserved	A	NA		2.0	Y	Absent		A2-NY-537-ISOTOPE(14)
L2236815-05A	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)
L2236815-05B	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)
L2236815-05C	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: GROSSINGERS
Project Number: 9313

Lab Number: L2236815
Report Date: 08/01/22

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2236815-05D	Plastic 250ml unpreserved	A	NA		2.0	Y	Absent		A2-NY-537-ISOTOPE(14)
L2236815-05E	Plastic 250ml unpreserved	A	NA		2.0	Y	Absent		A2-NY-537-ISOTOPE(14)
L2236815-06A	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)
L2236815-06B	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)
L2236815-06C	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)
L2236815-06D	Plastic 250ml unpreserved	A	NA		2.0	Y	Absent		A2-NY-537-ISOTOPE(14)
L2236815-06E	Plastic 250ml unpreserved	A	NA		2.0	Y	Absent		A2-NY-537-ISOTOPE(14)
L2236815-07A	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)
L2236815-07B	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)
L2236815-07C	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)
L2236815-07D	Plastic 250ml unpreserved	A	NA		2.0	Y	Absent		A2-NY-537-ISOTOPE(14)
L2236815-07E	Plastic 250ml unpreserved	A	NA		2.0	Y	Absent		A2-NY-537-ISOTOPE(14)
L2236815-08A	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)
L2236815-08B	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)
L2236815-08C	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)
L2236815-08D	Plastic 250ml unpreserved	A	NA		2.0	Y	Absent		A2-NY-537-ISOTOPE(14)
L2236815-09A	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)
L2236815-09B	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2236815
Report Date: 08/01/22

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name:	GROSSINGERS	**Lab Number:**	L2236815
Project Number:	9313	**Report Date:**	08/01/22

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	GROSSINGERS	**Lab Number:**	L2236815
Project Number:	9313	**Report Date:**	08/01/22

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	GROSSINGERS	**Lab Number:**	L2236815
Project Number:	9313	**Report Date:**	08/01/22

Data Qualifiers

Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	GROSSINGERS	**Lab Number:**	L2236815
Project Number:	9313	**Report Date:**	08/01/22

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

134 Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS) using Isotope Dilution. Alpha SOP 23528.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 7/12/22

ALPHA Job #: L2236815

Client Information
Client: SESI Consulting Engineering
Address: 12A Maple Ave
Pine Brook NJ
Phone:
Fax:
Email: SSG@SESI.CRG

Project Information
Project Name: Grossingers
Project Location: Liberty NY
Project # 9313
(Use Project name as Project #) ☐
Project Manager: Steve Gustems
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☒ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs 15	PFAS	Total Bottle	Sample Specific Comments
36815 1	MW-203	7/11/22	1045	GW	MFM	X	X		
2	MW-204		1250						
3	MW-205		1220						
4	MW-207		1300						
5	MW-216		1315						
6	MW-217		1150						
7	DUP		—						
8	FB		1330	BK					
9	TB	7/8/22	—	↓	BJ	X			

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	V	P
Preservative	B	A

Relinquished By:	Date/Time	Received By:	Date/Time
	7/11/22	Alicia-AAL 7/11/22	16:22
Alicia-AAL 7/11/22	18:20	AAL	7/11 1930
AAL	7/11		7/11/22 2255
	7-12-22 12:03		7/12/22 0003

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

www.alphalab.com

Alpha Analytical

Laboratory Code: 11148

SDG Number: L2237198

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Table of Contents

New York ASP Category B Data Deliverable Package 1
- Table of Contents 2
- Sample ID Cross Reference 5
- SDG Narrative 6
- Data Qualifier Definitions 8
- Instrument Information 11
- Sample Log-in Sheet 14
- Lims COC (LN01) 15
- External Chain of Custody 16
- Organics Analysis 17
  - GCMS 8260 Analysis 18
    - Volatiles QC Summary 19
      - Form 2 - Organics 20
      - Form 3 - Organics 21
      - Form 4 - Organics 24
      - Form 5 - Organics 25
      - Form 8 - Organics 27
      - MDL Study - Volatile Organics 8260 28
    - Volatiles Sample Data 37
      - Form 1 - Organics 38
      - TB (L2237198-04) Analyzed: 07/20/22 18:39 63
      - FB (L2237198-03) Analyzed: 07/20/22 19:02 77
      - MW-214 (L2237198-02) Analyzed: 07/20/22 19:26 89
      - MW-213 (L2237198-01) Analyzed: 07/20/22 19:49 104
    - Volatile Standards Data 119
      - Initial Calibration 120
        - Form 6 - Organics 121
        - ICAL for VOA101 on 07/20/22 ICAL19192 124
        - Initial Calibration Summary - Cal Date: 07/20/22 00:00 124
        - BFB TUNE Injected on: 07/19/22 19:01 128
        - STD0.19PPB Injected on: 07/19/22 20:38 129
        - STD0.5PPB Injected on: 07/19/22 21:49 132
        - STD2PPB Injected on: 07/19/22 22:36 153
        - STD10PPB Injected on: 07/19/22 23:00 167
        - STD30PPB Injected on: 07/19/22 23:24 176
        - STD80PPB Injected on: 07/19/22 23:47 182
        - STD120PPB Injected on: 07/20/22 00:10 188
        - STD200PPB Injected on: 07/20/22 00:34 194
        - ICV Summary Form Injected on: 07/20/22 02:31 200
        - ICV Quant Report Injected on: 07/20/22 02:31 203
        - Correlation Data Summary Injected on: 07/20/22 02:31 212
      - Continuing Calibration 213
        - Form 7 - Organics 214
        - CC Summary - VOA101 Run: 07/20/22 16:42 217
        - CC Quant - VOA101 Run: 07/20/22 16:42 220
        - bfb tune - Inst. VOA101 07/20/22 16:15 227
    - Volatiles Raw QC Data 228
      - Laboratory Method Bl (WG1665617-5) Analyzed: 07/20/22 18:15 229
      - Laboratory Control S (WG1665617-3) Analyzed: 07/20/22 16:42 247
      - LCS Duplicate (WG1665617-4) Analyzed: 07/20/22 17:05 325

Table of Contents

Volatiles Calculations 403
QC Batch WG1665617 404
ICAL Sequence for VOA101 on 20-JUL-2022 00:00 ICAL19192 405
Instrument VOA101 Run Date 07/20/22 Run ID R1589285 406
PFAAs via EPA 537 407
Semivolatiles QC Summary 408
Form 2 - Organics 409
Form 3 - Organics 412
Form 4 - Organics 419
MDL Study - 537 Isotope Dilution 421
Semivolatiles Sample Data 425
Form 1 - Organics 426
MW-213 (L2237198-01) Analyzed: 07/31/22 00:34 437
MW-214 (L2237198-02) Analyzed: 07/31/22 01:07 496
FB (L2237198-03) Analyzed: 07/31/22 01:41 555
Semivolatiles Standards Data 614
Initial Calibration 615
Form 6 - Organics 616
ICAL for LCMS01 on 07/26/22 ICAL19203 712
Initial Calibration Summary - Cal Date: 07/26/22 09:37 712
STD-.5 Injected on: 07/25/22 23:54 796
STD-1 Injected on: 07/26/22 00:13 883
STD-2 Injected on: 07/26/22 00:29 970
STD-5 Injected on: 07/26/22 00:46 1057
STD-10 Injected on: 07/26/22 01:02 1144
STD-25 Injected on: 07/26/22 01:19 1231
STD-50 Injected on: 07/26/22 01:35 1318
STD-100 Injected on: 07/26/22 01:52 1405
STD-250 Injected on: 07/26/22 02:08 1492
ICV-STD-10 Injected on: 07/26/22 10:09 1579
Transition Ion Ratios 1666
Branched Technical Standard 1670
Std Factors 1676
ICAL Stock Std Log 1680
ICV Std Log 1681
ICAL for LCMS01 on 07/27/22 ICAL19209 1682
Initial Calibration Summary - Cal Date: 07/27/22 13:45 1682
STD-.5 Injected on: 07/27/22 12:50 1694
STD-1.0 Injected on: 07/27/22 12:57 1707
STD-2.5 Injected on: 07/27/22 13:04 1720
STD-10 Injected on: 07/27/22 13:12 1733
STD-25 Injected on: 07/27/22 13:19 1746
STD-100 Injected on: 07/27/22 13:26 1759
STD250 Injected on: 07/27/22 13:33 1772
STD10 Injected on: 07/27/22 13:48 1785
Transition Ion Ratios 1798
ICAL STD Log 1800
ICV STD Log 1804
Continuing Calibration 1805
Form 7 - Organics 1806

Table of Contents

CC Quant - WG1669313-1 LCMS01 Run: 07/30/22 16:34:29 1814
CC Quant - WG1669313-3 LCMS01 Run: 07/30/22 23:45:02 1884
CC Quant - WG1669313-4 LCMS01 Run: 07/31/22 02:47:21 1954
CC Quant - WG1669465-1 LCMS01 Run: 07/31/22 11:58:10 2024
CC Quant - WG1669465-2 LCMS01 Run: 07/31/22 12:56:01 2029
Semivolatiles Raw QC Summary 2034
Laboratory Method Bl (WG1665978-1) Analyzed: 07/31/22 00:01 2035
Laboratory Method Bl (WG1665978-1) Analyzed: 07/31/22 12:34 2094
Laboratory Control S (WG1665978-2) Analyzed: 07/31/22 00:18 2099
Laboratory Control S (WG1665978-2) Analyzed: 07/31/22 12:41 2158
Duplicate Sample (WG1665978-4) Analyzed: 07/31/22 01:24 2163
Matrix Spike (WG1665978-3) Analyzed: 07/31/22 00:51 2222
Semivolatiles Calculations 2281
QC Batch WG1669313 2282
ICAL Sequence for LCMS01 on 26-JUL-2022 09:37 ICAL19203 2283
ICAL Sequence for LCMS01 on 27-JUL-2022 13:45 ICAL19209 2286
Instrument LCMS01 Run Date 07/30/22 Run ID R1592786 2288
Instrument LCMS01 Run Date 07/31/22 Run ID R1592876 2290
Organic ELN-Workgroup:WG1665978 2291

Project Name: GROSSINGERS
Project Number: 9313

Lab Number: L2237198
Report Date: 08/02/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2237198-01	MW-213	WATER	LIBERTY, NY	07/12/22 09:55	07/13/22
L2237198-02	MW-214	WATER	LIBERTY, NY	07/12/22 11:30	07/13/22
L2237198-03	FB	WATER	LIBERTY, NY	07/12/22 13:20	07/13/22
L2237198-04	TB	WATER	LIBERTY, NY	07/12/22 00:00	07/13/22

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Case Narrative (continued)

Report Submission

August 02, 2022: This final report includes the results of all requested analyses.

July 27, 2022: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Perfluorinated Alkyl Acids by Isotope Dilution

L2237198-01, -02, WG1665978-3, and WG1665978-4: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Melissa Sturgis Report Date: 08/02/22

Title: Technical Director/Representative

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where

Report Format: DU Report with 'J' Qualifiers

Data Qualifiers

the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Volatile Organics Instruments

Volatile Organics:

Instrument: Agilent 7890 GC/5975C MSD	Columns (length x ID x df):
Trap: Supelco K Trap (VOACARB 3000)	RTX-VMS 20m x 0.18mm x 1um
Concentrator: EST Encon (or equivalent)	RTX-VMS 30m x 0.25mm x 1.4um
Autosampler: EST Centurion (or equivalent)	RTX-502.2 40m x 0.18mm x 1um
Purge time: 11 min	

Volatile Organics: VPH

Instrument: Agilent 6890 (or equivalent)	Column Type: Restek RTX 502.2
Trap: Supelco K Trap (VOACARB 3000)	Column Length: 105 Meters
Concentrator: EST Encon (or equivalent)	df: 3.00 um
Autosampler: EST Centurion (or equivalent)	ID: 0.53mm

Volatile Organics: PIANO

Instrument: Agilent 7890 GC/5975C MSD	Column Type: DB-VRX
Trap: Supelco K Trap (VOACARB 3000)	Column Length: 60 Meters
Concentrator: Tekmar Velocity / EST Encon	df: 1.40 um
Autosampler: Varian Archon / EST Centurion	ID: 0.25 mm
Purge time: 11 min	Desorb: 1 min

Volatile Organics: Dissolved Gas

Instrument: Agilent 7890 (or equivalent) with FID/TCD	
	Column Type: Haysep S Column
	Column Length: 2 Meters packed (100/200 mesh)
Autosampler: LEAP Headspace	Purge time: 0.6 min

Volatile Organics in Air Instruments

Volatile Organics in Air:

Instruments: Agilent 6890 GC / 5975 MSD Shimadzu QP2010-SE / QP2020

Concentrator: Entech 7100A or 7200	Column Type: Restek RTX-1
Autosampler: Entech 7016CA or 7016D	Column Length: 60 Meters
	df: 1.00 um
	ID: 0.25 mm or 0.32 mm

Trap 1: Glass Bead: manufacturer-Entech: 20 cm packing material
Trap 2: Tenax: manufacturer-Entech: 20 cm packing material

Semivolatile Organics Instruments - Westborough

Semivolatile Organics (Acid/Base/Neutral Extractables):

Instrument: Agilent 5973N MSD	Injection volume: 1 ul;2 uL LVI
Column Type: Restek RXI-5SILMS	df: 0.32 um
Column Length: 30 Meters	ID: 0.25 mm

Polynuclear Aromatic Hydrocarbons by 8270 SIM:

Instrument: Agilent 5973 MSD	Injection volume: 1 ul;2 uL LVI
Column Type: Restek RXI-5SILMS	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Pesticides/PCB/Herbicides:

Instrument: Agilent 6890 w/Dual Micro ECDs	Injection Volume: 1uL
Column A: Restek RTX-CL/STX-CL	df: 0.32
Column B: Restek RTX/STX-CLPPesticide II	df: 0.25
Column Length: 30 Meters	ID: 0.32 mm

Petroleum/EPH:

Instrument: Agilent 6890 w/FID / HP 5890 w/ FID	Injection Volume: 1uL
Column: Restek RTX 5	df: 0.25
Column Length: 30 Meters	
ID: 0.32 mm	

Semivolatile Organic Instruments - Mansfield

Semivolatile Organics (ALK-PAH Extractables):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 1 ul
Column Type: ZB-5	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Semivolatile Organics (8270):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 2 ul
Column Type: ZB-Semivolatiles	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Semivolatile Organics (8270 SIM):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 3 ul
Column Type: ZB-5	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Semivolatile Organics (1,4-Dioxane):

Instrument: Agilent 5973N / 5975 / 5977 MSD	Injection volume: 3 ul
Column Type: RTX-5	df: 0.25um, 0.18 um
Column Length: 30 Meters	ID: 0.25um, 0.18 mm

Semivolatile Organics (209 Congener):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 3 ul
Column Type: RTX-5, RTX-PCB	df: 0.25um, 0.18 um
Column Length: 60 Meters	ID: 0.25um, 0.18 mm

Semivolatile Organics (8081):

Instrument: Agilent 6890 / 7890	Injection volume: 1 ul
Column Type: RTX-5 / RTX-CLP II	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Semivolatile Organics (8082):

Instrument: Agilent 6890 w/Dual Micro ECDs	Injection Volume: 1uL
Column A: Restek RTX-CL/STX-CL	df: 0.32
Column B: Restek RTX/STX-CLPPesticide II	df: 0.25
Column Length: 30 Meters	ID: 0.32 mm

Semivolatile Organics (SHC Extractables):

Instrument: Agilent 6890	Injection volume: 1 ul
Column Type: RTX-5	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Sample Delivery Group Summary

Alpha Job Number : L2237198

Account Name : Soils Engineering Services, Inc.
Project Number : 9313
Project Name : GROSSINGERS

Received : 13-JUL-2022
Reviewer : Andrew Kussmaul

Delivery Information

Samples Delivered By : Alpha Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	3.3	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between sample labels & COC?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NO**

ALPHA ANALYTICAL LABORATORIES, INC.
LOGIN CHAIN OF CUSTODY REPORT
Aug 02 2022, 01:55 pm

Login Number: L2237198
Account: SESI Soils Engineering Services, Inc.Project: 9313
Received: 13JUL22 Due Date: 03AUG22

Sample #	Client ID	Mat	PR	Collected
L2237198-01	MW-213	1	S0	12JUL22 09:55
8260: report 15 TICs ASP-B Package Due Date: 08/03/22				
A2-NY-537-ISOTOPE,ASP-B,E&I-FEE,NYTCL-8260				
L2237198-02	MW-214	1	S0	12JUL22 11:30
8260: report 15 TICs Package Due Date: 08/03/22				
A2-NY-537-ISOTOPE,NYTCL-8260				
L2237198-03	FB	1	S0	12JUL22 13:20
8260: report 15 TICs Package Due Date: 08/03/22				
A2-NY-537-ISOTOPE,NYTCL-8260				
L2237198-04	TB	1	S0	12JUL22 00:00
8260: report 15 TICs Package Due Date: 08/03/22				
NYTCL-8260				

Logged By: Andrew Kussmaul

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 7/14/22

ALPHA Job #: L2237198

Client Information
Client: SESI Consulting Engineers
Address: 12A Maple Ave.
Pinebrook, NJ
Phone:
Fax:
Email: SSG@sesi.org

Project Information
Project Name: Grossingers
Project Location: Liberty NY
Project #: 9313
(Use Project name as Project #)
Project Manager: Steve Gustems
ALPHAQuote #:

Turn-Around Time
Standard [X] Due Date:
Rush (only if pre approved) [ ] # of Days:

Deliverables
[ ] ASP-A [X] ASP-B
[ ] EQuIS (1 File) [ ] EQuIS (4 File)
[ ] Other

Regulatory Requirement
[ ] NY TOGS [ ] NY Part 375
[X] AWQ Standards [ ] NY CP-51
[ ] NY Restricted Use [ ] Other
[ ] NY Unrestricted Use
[ ] NYC Sewer Discharge

Billing Information
[ ] Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
[ ] NJ [ ] NY
[ ] Other:

These samples have been previously analyzed by Alpha [ ]

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS
TCL VOC+15
PFAS

Sample Filtration
[ ] Done
[ ] Lab to do
Preservation
[ ] Lab to do
(Please Specify below)

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOC+15	PFAS	Sample Specific Comments
37198 -01	MW-213	7/12/22	955	GW	BS	X	X	
-02	MW-214	7/12/22	1130			X	X	
	MW-213D							
-03	FB	7/12/22	1320	BLK		X	X	
-04	TB	7/8/22	—		BJ	X		

Container Type: V P
Preservative: B A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	7/12/22 1200	MR (AAL)	7-13-22 1200
MR (AAL)	7-13-22 1800	AAL	7/13 1930
AAL	7/13 2330		7/13 2130
	7-14-22 15:30		7/13/22 2330

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

Rel- MR (AAL) 7-14-22 17:05

Soil 7/14/22 MR (AAL)

Organics

GC/MS 8260
Analysis

Volatiles QC Summary

Surrogate Recovery Summary
Form 2
Volatiles

Client: Soils Engineering Services, Inc.
Project Name: GROSSINGERS

Lab Number: L2237198
Project Number: 9313
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	SMC1 DCA	SMC2 TOL	SMC3 BFB	SMC4 DBFM	TOT OUT
MW-213 (L2237198-01)	102	100	103	99	0
MW-214 (L2237198-02)	101	98	103	99	0
FB (L2237198-03)	102	100	104	101	0
TB (L2237198-04)	102	100	104	100	0
WG1665617-3LCS	101	100	101	100	0
WG1665617-4LCSD	100	100	101	100	0
WG1665617-5BLANK	101	100	104	100	0

QC LIMITS

(70-130) DCA = 1,2-DICHLOROETHANE-D4
(70-130) TOL = TOLUENE-D8
(70-130) BFB = 4-BROMOFLUOROBENZENE
(70-130) DBFM = DIBROMOFLUOROMETHANE

*** Values outside of QC limits**

FORM II NYTCL-8260

Laboratory Control Sample Summary
Form 3
Volatiles

Client : Soils Engineering Services, Inc. **Lab Number** : L2237198
Project Name : GROSSINGERS **Project Number** : 9313
Matrix : WATER
LCS Sample ID : WG1665617-3 **Analysis Date** : 07/20/22 16:42 **File ID** : V01220720N01
LCSD Sample ID : WG1665617-4 **Analysis Date** : 07/20/22 17:05 **File ID** : V01220720N02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	10	10	100	10	10	100	0	70-130	20
1,1-Dichloroethane	10	9.6	96	10	10	100	4	70-130	20
Chloroform	10	9.6	96	10	10	100	4	70-130	20
Carbon tetrachloride	10	9.4	94	10	10	100	6	63-132	20
1,2-Dichloropropane	10	9.6	96	10	10	100	4	70-130	20
Dibromochloromethane	10	9.3	93	10	10	100	7	63-130	20
1,1,2-Trichloroethane	10	9.9	99	10	10	100	1	70-130	20
Tetrachloroethene	10	9.6	96	10	10	100	4	70-130	20
Chlorobenzene	10	9.6	96	10	10	100	4	75-130	20
Trichlorofluoromethane	10	9.6	96	10	10	100	4	62-150	20
1,2-Dichloroethane	10	9.8	98	10	10	100	2	70-130	20
1,1,1-Trichloroethane	10	9.7	97	10	10	100	3	67-130	20
Bromodichloromethane	10	9.7	97	10	10	100	3	67-130	20
trans-1,3-Dichloropropene	10	9.3	93	10	10	100	7	70-130	20
cis-1,3-Dichloropropene	10	9.3	93	10	10	100	7	70-130	20
1,1-Dichloropropene	10	9.6	96	10	10	100	4	70-130	20
Bromoform	10	9.2	92	10	10	100	8	54-136	20
1,1,2,2-Tetrachloroethane	10	9.6	96	10	10	100	4	67-130	20
Benzene	10	9.7	97	10	10	100	3	70-130	20
Toluene	10	9.7	97	10	10	100	3	70-130	20
Ethylbenzene	10	9.6	96	10	10	100	4	70-130	20
Chloromethane	10	9.3	93	10	9.8	98	5	64-130	20
Bromomethane	10	12	120	10	13	130	8	39-139	20
Vinyl chloride	10	9.8	98	10	11	110	12	55-140	20
Chloroethane	10	9.9	99	10	11	110	11	55-138	20
1,1-Dichloroethene	10	9.4	94	10	10	100	6	61-145	20

Laboratory Control Sample Summary
Form 3
Volatiles

Client : Soils Engineering Services, Inc. **Lab Number** : L2237198
Project Name : GROSSINGERS **Project Number** : 9313
Matrix : WATER
LCS Sample ID : WG1665617-3 **Analysis Date** : 07/20/22 16:42 **File ID** : V01220720N01
LCSD Sample ID : WG1665617-4 **Analysis Date** : 07/20/22 17:05 **File ID** : V01220720N02

	Laboratory Control Sample			Laboratory Control Duplicate						
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD		Recovery Limits	RPD Limit
trans-1,2-Dichloroethene	10	9.6	96	10	10	100	4		70-130	20
Trichloroethene	10	9.6	96	10	10	100	4		70-130	20
1,2-Dichlorobenzene	10	9.4	94	10	10	100	6		70-130	20
1,3-Dichlorobenzene	10	9.7	97	10	10	100	3		70-130	20
1,4-Dichlorobenzene	10	9.5	95	10	10	100	5		70-130	20
Methyl tert butyl ether	10	9.6	96	10	10	100	4		63-130	20
p/m-Xylene	20	20	100	20	21	105	5		70-130	20
o-Xylene	20	20	100	20	21	105	5		70-130	20
cis-1,2-Dichloroethene	10	9.8	98	10	10	100	2		70-130	20
Dibromomethane	10	9.6	96	10	10	100	4		70-130	20
1,2,3-Trichloropropane	10	8.7	87	10	9.2	92	6		64-130	20
Acrylonitrile	10	9.3	93	10	9.5	95	2		70-130	20
Styrene	20	20	100	20	21	105	5		70-130	20
Dichlorodifluoromethane	10	9.5	95	10	10	100	5		36-147	20
Acetone	10	12	120	10	9.1	91	27	Q	58-148	20
Carbon disulfide	10	10	100	10	10	100	0		51-130	20
2-Butanone	10	9.4	94	10	9.9	99	5		63-138	20
Vinyl acetate	10	9.4	94	10	10	100	6		70-130	20
4-Methyl-2-pentanone	10	8.8	88	10	9.2	92	4		59-130	20
2-Hexanone	10	9.1	91	10	10	100	9		57-130	20
Bromochloromethane	10	10	100	10	11	110	10		70-130	20
2,2-Dichloropropane	10	10	100	10	12	120	18		63-133	20
1,2-Dibromoethane	10	9.8	98	10	10	100	2		70-130	20
1,3-Dichloropropane	10	9.5	95	10	10	100	5		70-130	20
1,1,1,2-Tetrachloroethane	10	9.7	97	10	10	100	3		64-130	20
Bromobenzene	10	9.8	98	10	10	100	2		70-130	20

Laboratory Control Sample Summary
Form 3
Volatiles

Client : Soils Engineering Services, Inc. **Lab Number** : L2237198
Project Name : GROSSINGERS **Project Number** : 9313
Matrix : WATER
LCS Sample ID : WG1665617-3 **Analysis Date** : 07/20/22 16:42 **File ID** : V01220720N01
LCSD Sample ID : WG1665617-4 **Analysis Date** : 07/20/22 17:05 **File ID** : V01220720N02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
n-Butylbenzene	10	9.9	99	10	10	100	1	53-136	20
sec-Butylbenzene	10	9.9	99	10	10	100	1	70-130	20
tert-Butylbenzene	10	9.8	98	10	10	100	2	70-130	20
o-Chlorotoluene	10	9.6	96	10	10	100	4	70-130	20
p-Chlorotoluene	10	9.8	98	10	10	100	2	70-130	20
1,2-Dibromo-3-chloropropane	10	8.2	82	10	9.6	96	16	41-144	20
Hexachlorobutadiene	10	9.8	98	10	11	110	12	63-130	20
Isopropylbenzene	10	9.7	97	10	10	100	3	70-130	20
p-Isopropyltoluene	10	10	100	10	10	100	0	70-130	20
Naphthalene	10	8.4	84	10	10	100	17	70-130	20
n-Propylbenzene	10	9.9	99	10	10	100	1	69-130	20
1,2,3-Trichlorobenzene	10	8.6	86	10	10	100	15	70-130	20
1,2,4-Trichlorobenzene	10	9.1	91	10	10	100	9	70-130	20
1,3,5-Trimethylbenzene	10	9.7	97	10	10	100	3	64-130	20
1,2,4-Trimethylbenzene	10	9.9	99	10	10	100	1	70-130	20
1,4-Dioxane	500	500	100	500	530	106	6	56-162	20
p-Diethylbenzene	10	9.9	99	10	10	100	1	70-130	20
p-Ethyltoluene	10	9.9	99	10	10	100	1	70-130	20
1,2,4,5-Tetramethylbenzene	10	9.8	98	10	10	100	2	70-130	20
Ethyl ether	10	9.4	94	10	10	100	6	59-134	20
trans-1,4-Dichloro-2-butene	10	8.8	88	10	9.7	97	10	70-130	20

Method Blank Summary
Form 4
Volatiles

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2237198
Project Name	: GROSSINGERS	**Project Number**	: 9313
Lab Sample ID	: WG1665617-5	**Lab File ID**	: V01220720N05
Instrument ID	: VOA101		
Matrix	: WATER	**Analysis Date**	: 07/20/22 18:15

Client Sample No.	Lab Sample ID	Analysis Date
WG1665617-3LCS	WG1665617-3	07/20/22 16:42
WG1665617-4LCSD	WG1665617-4	07/20/22 17:05
TB	L2237198-04	07/20/22 18:39
FB	L2237198-03	07/20/22 19:02
MW-214	L2237198-02	07/20/22 19:26
MW-213	L2237198-01	07/20/22 19:49

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2237198
Project Name	: GROSSINGERS	**Project Number**	: 9313
Instrument ID	: VOA101	**Analysis Date**	: 07/19/22 19:01
Tune Standard	: WG1665246-1	**Tune File ID**	: V01220719NBF1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	25.7
75	30.0 - 80.0% of mass 95	49.6
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.3 (.4)1
174	Greater than 50.0% of mass 95	78.1
175	5.0 - 9.0% of mass 174	6.2 (7.9)1
176	Greater than 95.0% but less than 101% of mass	77.1 (98.8)1
177	5.0 - 9.0% of mass 176	5.2 (6.7)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
STD0.19PPB	R1588931-1	V01220719N04	07/19/22 20:38
STD0.5PPB	R1588931-2	V01220719N07	07/19/22 21:49
STD2PPB	R1588931-4	V01220719N09	07/19/22 22:36
STD10PPB	R1588931-3	V01220719N10	07/19/22 23:00
STD30PPB	R1588931-6	V01220719N11	07/19/22 23:24
STD80PPB	R1588931-5	V01220719N12	07/19/22 23:47
STD120PPB	R1588931-8	V01220719N13	07/20/22 00:10
STD200PPB	R1588931-9	V01220719N14	07/20/22 00:34
Correlation Data Summary	R1588931-7	V01220719N19	07/20/22 02:31
ICV Quant Report	R1588931-7	V01220719N19	07/20/22 02:31

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2237198
Project Name	: GROSSINGERS	**Project Number**	: 9313
Instrument ID	: VOA101	**Analysis Date**	: 07/20/22 16:15
Tune Standard	: WG1665617-1	**Tune File ID**	: V01220720NBF1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	24.5
75	30.0 - 80.0% of mass 95	49.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	0.4 (.5)1
174	Greater than 50.0% of mass 95	81.3
175	5.0 - 9.0% of mass 174	6 (7.4)1
176	Greater than 95.0% but less than 101% of mass	80.1 (98.5)1
177	5.0 - 9.0% of mass 176	5.3 (6.7)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1665617-2CCAL	WG1665617-2	V01220720N01	07/20/22 16:42
WG1665617-3LCS	WG1665617-3	V01220720N01	07/20/22 16:42
WG1665617-4LCSD	WG1665617-4	V01220720N02	07/20/22 17:05
WG1665617-5BLANK	WG1665617-5	V01220720N05	07/20/22 18:15
TB	L2237198-04	V01220720N06	07/20/22 18:39
FB	L2237198-03	V01220720N07	07/20/22 19:02
MW-214	L2237198-02	V01220720N08	07/20/22 19:26
MW-213	L2237198-01	V01220720N09	07/20/22 19:49

Internal Standard Area and RT Summary
Form 8a
Volatiles

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2237198
Project Name	: GROSSINGERS	**Project Number**	: 9313
Instrument ID	: VOA101	**Analysis Date**	: 07/20/22 16:42:00
Sample No	: WG1665617-2	**Lab File ID**	: V01220720N01

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG1665617-2	326687	6.15	256877	9.69	124607	12.37
Upper Limit	653374	6.65	513754	10.19	249214	12.87
Lower Limit	163344	5.65	128439	9.19	62304	11.87
Sample ID						
WG1665617-3 LCS	326687	6.15	256877	9.69	124607	12.37
WG1665617-4 LCSD	312200	6.15	245887	9.69	118033	12.36
WG1665617-5 BLANK	307988	6.15	242903	9.69	113810	12.37
TB	301356	6.15	237447	9.70	109589	12.37
FB	298023	6.15	235095	9.69	108805	12.37
MW-214	299097	6.15	235578	9.69	109593	12.37
MW-213	294549	6.15	229368	9.69	105197	12.37

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Date Created: 06/19/18
Created By: Jason Hebert
File: PM5049-1
Page: 1

Volatile Organics - EPA 8260C (WATER)

Holding Time: 14 days
Container / Sample Preservation: 3 - Vial HCl preserved

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Methylene chloride	75-09-2	3	0.678	ug/l	70-130	20	70-130	20	20			
1,1-Dichloroethane	75-34-3	0.75	0.210	ug/l	70-130	20	70-130	20	20			
Chloroform	67-66-3	0.75	0.222	ug/l	70-130	20	70-130	20	20			
Carbon tetrachloride	56-23-5	0.5	0.134	ug/l	63-132	20	63-132	20	20			
1,2-Dichloropropane	78-87-5	1.75	0.137	ug/l	70-130	20	70-130	20	20			
Dibromochloromethane	124-48-1	0.5	0.149	ug/l	63-130	20	63-130	20	20			
1,1,2-Trichloroethane	79-00-5	0.75	0.144	ug/l	70-130	20	70-130	20	20			
Tetrachloroethene	127-18-4	0.5	0.181	ug/l	70-130	20	70-130	20	20			
Chlorobenzene	108-90-7	0.5	0.178	ug/l	75-130	25	75-130	25	25			
Trichlorofluoromethane	75-69-4	2.5	0.161	ug/l	62-150	20	62-150	20	20			
1,2-Dichloroethane	107-06-2	0.5	0.132	ug/l	70-130	20	70-130	20	20			
1,1,1-Trichloroethane	71-55-6	0.5	0.158	ug/l	67-130	20	67-130	20	20			
Bromodichloromethane	75-27-4	0.5	0.192	ug/l	67-130	20	67-130	20	20			
trans-1,3-Dichloropropene	10061-02-6	0.5	0.164	ug/l	70-130	20	70-130	20	20			
cis-1,3-Dichloropropene	10061-01-5	0.5	0.144	ug/l	70-130	20	70-130	20	20			
1,3-Dichloropropene, Total	542-75-6	0.5	0.144	ug/l				20	20			
1,3-Dichloropropene, Total	542-75-6	0.5	0.144	ug/l				20	20			
1,1-Dichloropropene	563-58-6	2.5	0.240	ug/l	70-130	20	70-130	20	20			
Bromoform	75-25-2	2	0.248	ug/l	54-136	20	54-136	20	20			
1,1,2,2-Tetrachloroethane	79-34-5	0.5	0.167	ug/l	67-130	20	67-130	20	20			
Benzene	71-43-2	0.5	0.159	ug/l	70-130	25	70-130	25	25			
Toluene	108-88-3	0.75	0.203	ug/l	70-130	25	70-130	25	25			
Ethylbenzene	100-41-4	0.5	0.167	ug/l	70-130	20	70-130	20	20			
Chloromethane	74-87-3	2.5	0.200	ug/l	64-130	20	64-130	20	20			
Bromomethane	74-83-9	1	0.256	ug/l	39-139	20	39-139	20	20			
Vinyl chloride	75-01-4	1	0.0714	ug/l	55-140	20	55-140	20	20			
Chloroethane	75-00-3	1	0.134	ug/l	55-138	20	55-138	20	20			
1,1-Dichloroethene	75-35-4	0.5	0.169	ug/l	61-145	25	61-145	25	25			
trans-1,2-Dichloroethene	156-60-5	0.75	0.163	ug/l	70-130	20	70-130	20	20			
1,2-Dichloroethene (total)	540-59-0	0.5	0.163	ug/l				20	20			
1,2-Dichloroethene (total)	540-59-0	0.5	0.163	ug/l				20	20			
Trichloroethene	79-01-6	0.5	0.175	ug/l	70-130	25	70-130	25	25			
1,2-Dichlorobenzene	95-50-1	2.5	0.184	ug/l	70-130	20	70-130	20	20			
1,3-Dichlorobenzene	541-73-1	2.5	0.186	ug/l	70-130	20	70-130	20	20			
1,4-Dichlorobenzene	106-46-7	2.5	0.187	ug/l	70-130	20	70-130	20	20			
Methyl tert butyl ether	1634-04-4	1	0.166	ug/l	63-130	20	63-130	20	20			
p/m-Xylene	179601-23-1	1	0.332	ug/l	70-130	20	70-130	20	20			
o-Xylene	95-47-6	1	0.392	ug/l	70-130	20	70-130	20	20			
Xylene (Total)	1330-20-7	1	0.330	ug/l				20	20			
Xylene (Total)	1330-20-7	1	0.330	ug/l				20	20			
cis-1,2-Dichloroethene	156-59-2	0.5	0.187	ug/l	70-130	20	70-130	20	20			
Dibromomethane	74-95-3	5	0.363	ug/l	70-130	20	70-130	20	20			

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. ***(Soil/Solids only)***
Please Note that the information provided in this table is subject to change at anytime at the discretion of Alpha Analytical, Inc.

Volatile Organics - EPA 8260C (WATER)

Holding Time: 14 days
Container / Sample Preservation: 3 - Vial HCl preserved

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
1,4-Dichlorobutane	110-56-5	5	0.464	ug/l	70-130	20	70-130	20	20			
1,2,3-Trichloropropane	96-18-4	5	0.176	ug/l	64-130	20	64-130	20	20			
Styrene	100-42-5	1	0.359	ug/l	70-130	20	70-130	20	20			
Dichlorodifluoromethane	75-71-8	5	0.244	ug/l	36-147	20	36-147	20	20			
Acetone	67-64-1	5	1.46	ug/l	58-148	20	58-148	20	20			
Carbon disulfide	75-15-0	5	0.299	ug/l	51-130	20	51-130	20	20			
2-Butanone	78-93-3	5	1.94	ug/l	63-138	20	63-138	20	20			
Vinyl acetate	108-05-4	5	0.311	ug/l	70-130	20	70-130	20	20			
4-Methyl-2-pentanone	108-10-1	5	0.416	ug/l	59-130	20	59-130	20	20			
2-Hexanone	591-78-6	5	0.515	ug/l	57-130	20	57-130	20	20			
Ethyl methacrylate	97-63-2	5	0.606	ug/l	70-130	20	70-130	20	20			
Acrylonitrile	107-13-1	5	0.430	ug/l	70-130	20	70-130	20	20			
Bromochloromethane	74-97-5	2.5	0.152	ug/l	70-130	20	70-130	20	20			
Tetrahydrofuran	109-99-9	5	0.525	ug/l	58-130	20	58-130	20	20			
2,2-Dichloropropane	594-20-7	2.5	0.204	ug/l	63-133	20	63-133	20	20			
1,2-Dibromoethane	106-93-4	2	0.193	ug/l	70-130	20	70-130	20	20			
1,3-Dichloropropane	142-28-9	2.5	0.212	ug/l	70-130	20	70-130	20	20			
1,1,1,2-Tetrachloroethane	630-20-6	0.5	0.164	ug/l	64-130	20	64-130	20	20			
Bromobenzene	108-86-1	2.5	0.152	ug/l	70-130	20	70-130	20	20			
n-Butylbenzene	104-51-8	0.5	0.192	ug/l	53-136	20	53-136	20	20			
sec-Butylbenzene	135-98-8	0.5	0.181	ug/l	70-130	20	70-130	20	20			
tert-Butylbenzene	98-06-6	2.5	0.196	ug/l	70-130	20	70-130	20	20			
o-Chlorotoluene	95-49-8	2.5	0.215	ug/l	70-130	20	70-130	20	20			
p-Chlorotoluene	106-43-4	2.5	0.185	ug/l	70-130	20	70-130	20	20			
1,2-Dibromo-3-chloropropane	96-12-8	2.5	0.353	ug/l	41-144	20	41-144	20	20			
Hexachlorobutadiene	87-68-3	0.5	0.217	ug/l	63-130	20	63-130	20	20			
Isopropylbenzene	98-82-8	0.5	0.187	ug/l	70-130	20	70-130	20	20			
p-Isopropyltoluene	99-87-6	0.5	0.188	ug/l	70-130	20	70-130	20	20			
Naphthalene	91-20-3	2.5	0.216	ug/l	70-130	20	70-130	20	20			
n-Propylbenzene	103-65-1	0.5	0.173	ug/l	69-130	20	69-130	20	20			
1,2,3-Trichlorobenzene	87-61-6	2.5	0.234	ug/l	70-130	20	70-130	20	20			
1,2,4-Trichlorobenzene	120-82-1	2.5	0.220	ug/l	70-130	20	70-130	20	20			
1,3,5-Trimethylbenzene	108-67-8	2.5	0.217	ug/l	64-130	20	64-130	20	20			
1,3,5-Trichlorobenzene	108-70-3	2	0.141	ug/l	70-130	20	70-130	20	20			
1,2,4-Trimethylbenzene	95-63-6	2.5	0.191	ug/l	70-130	20	70-130	20	20			
trans-1,4-Dichloro-2-butene	110-57-6	2.5	0.213	ug/l	70-130	20	70-130	20	20			
Ethyl ether	60-29-7	2.5	0.163	ug/l	59-134	20	59-134	20	20			
Methyl Acetate	79-20-9	10	0.234	ug/l	70-130	20	70-130	20	20			
Ethyl Acetate	141-78-6	10	0.716	ug/l	70-130	20	70-130	20	20			
Isopropyl Ether	108-20-3	2	0.425	ug/l	70-130	20	70-130	20	20			
Cyclohexane	110-82-7	10	0.271	ug/l	70-130	20	70-130	20	20			
Ethyl-Tert-Butyl-Ether	637-92-3	2	0.179	ug/l	70-130	20	70-130	20	20			

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. ***(Soil/Solids only)***
Please Note that the information provided in this table is subject to change at anytime at the discretion of Alpha Analytical, Inc.

Volatile Organics - EPA 8260C (WATER)

Holding Time: 14 days
Container / Sample Preservation: 3 - Vial HCl preserved

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Tertiary-Amyl Methyl Ether	994-05-8	2	0.278	ug/l	66-130	20	66-130	20	20			
1,4-Dioxane	123-91-1	250	60.8	ug/l	56-162	20	56-162	20	20			
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	10	0.148	ug/l	70-130	20	70-130	20	20			
Methyl cyclohexane	108-87-2	10	0.396	ug/l	70-130	20	70-130	20	20			
1,4-Diethylbenzene	105-05-5	2	0.392	ug/l	70-130	20	70-130	20	20			
4-Ethyltoluene	622-96-8	2	0.340	ug/l	70-130	20	70-130	20	20			
1,2,4,5-Tetramethylbenzene	95-93-2	2	0.542	ug/l	70-130	20	70-130	20	20			
1,2-Dichloroethane-d4	*17060-07-0*									*70-130*		
Toluene-d8	*2037-26-5*									*70-130*		
4-Bromofluorobenzene	*460-00-4*									*70-130*		
Dibromofluoromethane	*1868-53-7*									*70-130*		

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)
Please Note that the information provided in this table is subject to change at anytime at the discretion of Alpha Analytical, Inc.

Date Created: 06/19/18
Created By: Jason Hebert
File: PM5047-1
Page: 1

Volatile Organics - EPA 8260C (SOIL-LOW)

Holding Time: 14 days
Container / Sample Preservation: 1 - Vial Large Septa unpreserved (4oz)

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Methylene chloride	75-09-2	5	2.29	ug/kg	70-130	30	70-130	30	30			
1,1-Dichloroethane	75-34-3	1	0.145	ug/kg	70-130	30	70-130	30	30			
Chloroform	67-66-3	1.5	0.140	ug/kg	70-130	30	70-130	30	30			
Carbon tetrachloride	56-23-5	1	0.230	ug/kg	70-130	30	70-130	30	30			
1,2-Dichloropropane	78-87-5	1	0.125	ug/kg	70-130	30	70-130	30	30			
Dibromochloromethane	124-48-1	1	0.140	ug/kg	70-130	30	70-130	30	30			
1,1,2-Trichloroethane	79-00-5	1	0.267	ug/kg	70-130	30	70-130	30	30			
Tetrachloroethene	127-18-4	0.5	0.196	ug/kg	70-130	30	70-130	30	30			
Chlorobenzene	108-90-7	0.5	0.127	ug/kg	70-130	30	70-130	30	30			
Trichlorofluoromethane	75-69-4	4	0.695	ug/kg	70-139	30	70-139	30	30			
1,2-Dichloroethane	107-06-2	1	0.257	ug/kg	70-130	30	70-130	30	30			
1,1,1-Trichloroethane	71-55-6	0.5	0.167	ug/kg	70-130	30	70-130	30	30			
Bromodichloromethane	75-27-4	0.5	0.109	ug/kg	70-130	30	70-130	30	30			
trans-1,3-Dichloropropene	10061-02-6	1	0.273	ug/kg	70-130	30	70-130	30	30			
cis-1,3-Dichloropropene	10061-01-5	0.5	0.158	ug/kg	70-130	30	70-130	30	30			
1,3-Dichloropropene, Total	542-75-6	0.5	0.158	ug/kg				30	30			
1,3-Dichloropropene, Total	542-75-6	0.5	0.158	ug/kg				30	30			
1,1-Dichloropropene	563-58-6	0.5	0.159	ug/kg	70-130	30	70-130	30	30			
Bromoform	75-25-2	4	0.246	ug/kg	70-130	30	70-130	30	30			
1,1,2,2-Tetrachloroethane	79-34-5	0.5	0.166	ug/kg	70-130	30	70-130	30	30			
Benzene	71-43-2	0.5	0.166	ug/kg	70-130	30	70-130	30	30			
Toluene	108-88-3	1	0.543	ug/kg	70-130	30	70-130	30	30			
Ethylbenzene	100-41-4	1	0.141	ug/kg	70-130	30	70-130	30	30			
Chloromethane	74-87-3	4	0.932	ug/kg	52-130	30	52-130	30	30			
Bromomethane	74-83-9	2	0.581	ug/kg	57-147	30	57-147	30	30			
Vinyl chloride	75-01-4	1	0.335	ug/kg	67-130	30	67-130	30	30			
Chloroethane	75-00-3	2	0.452	ug/kg	50-151	30	50-151	30	30			
1,1-Dichloroethene	75-35-4	1	0.238	ug/kg	65-135	30	65-135	30	30			
trans-1,2-Dichloroethene	156-60-5	1.5	0.137	ug/kg	70-130	30	70-130	30	30			
Trichloroethene	79-01-6	0.5	0.137	ug/kg	70-130	30	70-130	30	30			
1,2-Dichlorobenzene	95-50-1	2	0.144	ug/kg	70-130	30	70-130	30	30			
1,3-Dichlorobenzene	541-73-1	2	0.148	ug/kg	70-130	30	70-130	30	30			
1,4-Dichlorobenzene	106-46-7	2	0.171	ug/kg	70-130	30	70-130	30	30			
Methyl tert butyl ether	1634-04-4	2	0.201	ug/kg	66-130	30	66-130	30	30			
p/m-Xylene	179601-23-1	2	0.560	ug/kg	70-130	30	70-130	30	30			
o-Xylene	95-47-6	1	0.291	ug/kg	70-130	30	70-130	30	30			
Xylene (Total)	1330-20-7	1	0.291	ug/kg				30	30			
Xylene (Total)	1330-20-7	1	0.291	ug/kg				30	30			
cis-1,2-Dichloroethene	156-59-2	1	0.175	ug/kg	70-130	30	70-130	30	30			
1,2-Dichloroethene (total)	540-59-0	1	0.137	ug/kg				30	30			
1,2-Dichloroethene (total)	540-59-0	1	0.137	ug/kg				30	30			
Dibromomethane	74-95-3	2	0.238	ug/kg	70-130	30	70-130	30	30			

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)
Please Note that the information provided in this table is subject to change at anytime at the discretion of Alpha Analytical, Inc.

Volatile Organics - EPA 8260C (SOIL-LOW)

Holding Time: 14 days
Container / Sample Preservation: 1 - Vial Large Septa unpreserved (4oz)

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
1,4-Dichlorobutane	110-56-5	10	0.226	ug/kg	70-130	30	70-130	30	30			
1,2,3-Trichloropropane	96-18-4	2	0.127	ug/kg	68-130	30	68-130	30	30			
Styrene	100-42-5	1	0.196	ug/kg	70-130	30	70-130	30	30			
Dichlorodifluoromethane	75-71-8	10	0.915	ug/kg	30-146	30	30-146	30	30			
Acetone	67-64-1	10	4.81	ug/kg	54-140	30	54-140	30	30			
Carbon disulfide	75-15-0	10	4.55	ug/kg	59-130	30	59-130	30	30			
2-Butanone	78-93-3	10	2.22	ug/kg	70-130	30	70-130	30	30			
Vinyl acetate	108-05-4	10	2.15	ug/kg	70-130	30	70-130	30	30			
4-Methyl-2-pentanone	108-10-1	10	1.28	ug/kg	70-130	30	70-130	30	30			
2-Hexanone	591-78-6	10	1.18	ug/kg	70-130	30	70-130	30	30			
Ethyl methacrylate	97-63-2	10	1.58	ug/kg	70-130	30	70-130	30	30			
Acrylonitrile	107-13-1	4	1.15	ug/kg	70-130	30	70-130	30	30			
Bromochloromethane	74-97-5	2	0.205	ug/kg	70-130	30	70-130	30	30			
Tetrahydrofuran	109-99-9	4	1.59	ug/kg	66-130	30	66-130	30	30			
2,2-Dichloropropane	594-20-7	2	0.202	ug/kg	70-130	30	70-130	30	30			
1,2-Dibromoethane	106-93-4	1	0.279	ug/kg	70-130	30	70-130	30	30			
1,3-Dichloropropane	142-28-9	2	0.167	ug/kg	69-130	30	69-130	30	30			
1,1,1,2-Tetrachloroethane	630-20-6	0.5	0.132	ug/kg	70-130	30	70-130	30	30			
Bromobenzene	108-86-1	2	0.145	ug/kg	70-130	30	70-130	30	30			
n-Butylbenzene	104-51-8	1	0.167	ug/kg	70-130	30	70-130	30	30			
sec-Butylbenzene	135-98-8	1	0.146	ug/kg	70-130	30	70-130	30	30			
tert-Butylbenzene	98-06-6	2	0.118	ug/kg	70-130	30	70-130	30	30			
1,3,5-Trichlorobenzene	108-70-3	2	0.173	ug/kg	70-139	30	70-130	30	30			
o-Chlorotoluene	95-49-8	2	0.191	ug/kg	70-130	30	70-130	30	30			
p-Chlorotoluene	106-43-4	2	0.108	ug/kg	70-130	30	70-130	30	30			
1,2-Dibromo-3-chloropropane	96-12-8	3	0.998	ug/kg	68-130	30	68-130	30	30			
Hexachlorobutadiene	87-68-3	4	0.169	ug/kg	67-130	30	67-130	30	30			
Isopropylbenzene	98-82-8	1	0.109	ug/kg	70-130	30	70-130	30	30			
p-Isopropyltoluene	99-87-6	1	0.109	ug/kg	70-130	30	70-130	30	30			
Naphthalene	91-20-3	4	0.650	ug/kg	70-130	30	70-130	30	30			
n-Propylbenzene	103-65-1	1	0.171	ug/kg	70-130	30	70-130	30	30			
1,2,3-Trichlorobenzene	87-61-6	2	0.322	ug/kg	70-130	30	70-130	30	30			
1,2,4-Trichlorobenzene	120-82-1	2	0.272	ug/kg	70-130	30	70-130	30	30			
1,3,5-Trimethylbenzene	108-67-8	2	0.193	ug/kg	70-130	30	70-130	30	30			
1,2,4-Trimethylbenzene	95-63-6	2	0.334	ug/kg	70-130	30	70-130	30	30			
trans-1,4-Dichloro-2-butene	110-57-6	5	1.42	ug/kg	70-130	30	70-130	30	30			
iso-Propyl Alcohol	67-63-0	100	100	ug/kg	70-130	20	70-130	20	20			
Ethyl ether	60-29-7	2	0.341	ug/kg	67-130	30	67-130	30	30			
Methyl Acetate	79-20-9	4	0.950	ug/kg	65-130	30	65-130	30	30			
Ethyl Acetate	141-78-6	10	1.21	ug/kg	70-130	30	70-130	30	30			
Isopropyl Ether	108-20-3	2	0.213	ug/kg	66-130	30	66-130	30	30			
Cyclohexane	110-82-7	10	0.544	ug/kg	70-130	30	70-130	30	30			

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)
Please Note that the information provided in this table is subject to change at anytime at the discretion of Alpha Analytical, Inc.

Volatile Organics - EPA 8260C (SOIL-LOW)

Holding Time: 14 days
Container/Sample Preservation: 1 - Vial Large Septa unpreserved (4oz)

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Ethyl-Tert-Butyl-Ether	637-92-3	2	0.128	ug/kg	70-130	30	70-130	30	30			
Tertiary-Amyl Methyl Ether	994-05-8	2	0.176	ug/kg	70-130	30	70-130	30	30			
1,4-Dioxane	123-91-1	100	35.1	ug/kg	65-136	30	65-136	30	30			
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	4	0.693	ug/kg	70-130	30	70-130	30	30			
1,2-Dichloroethane-d4	*17060-07-0*									*70-130*		
Toluene-d8	*2037-26-5*									*70-130*		
4-Bromofluorobenzene	*460-00-4*									*70-130*		
Dibromofluoromethane	*1868-53-7*									*70-130*		

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)
Please Note that the information provided in this table is subject to change at anytime at the discretion of Alpha Analytical, Inc.

Date Created: 06/19/18
Created By: Jason Hebert
File: PM5048-1
Page: 1

Volatile Organics - EPA 8260C (SOIL-HIGH)

Holding Time: 14 days
Container/Sample Preservation: 1 - Vial Large Septa unpreserved (4oz)

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Methylene chloride	75-09-2	250	115	ug/kg	70-130	30	70-130	30	30			
1,1-Dichloroethane	75-34-3	50	7.25	ug/kg	70-130	30	70-130	30	30			
Chloroform	67-66-3	75	7.00	ug/kg	70-130	30	70-130	30	30			
Carbon tetrachloride	56-23-5	50	11.5	ug/kg	70-130	30	70-130	30	30			
1,2-Dichloropropane	78-87-5	50	6.25	ug/kg	70-130	30	70-130	30	30			
Dibromochloromethane	124-48-1	50	7.00	ug/kg	70-130	30	70-130	30	30			
1,1,2-Trichloroethane	79-00-5	50	13.4	ug/kg	70-130	30	70-130	30	30			
Tetrachloroethene	127-18-4	25	9.80	ug/kg	70-130	30	70-130	30	30			
Chlorobenzene	108-90-7	25	6.35	ug/kg	70-130	30	70-130	30	30			
Trichlorofluoromethane	75-69-4	200	34.8	ug/kg	70-139	30	70-139	30	30			
1,2-Dichloroethane	107-06-2	50	12.9	ug/kg	70-130	30	70-130	30	30			
1,1,1-Trichloroethane	71-55-6	25	8.35	ug/kg	70-130	30	70-130	30	30			
Bromodichloromethane	75-27-4	25	5.45	ug/kg	70-130	30	70-130	30	30			
trans-1,3-Dichloropropene	10061-02-6	50	13.7	ug/kg	70-130	30	70-130	30	30			
cis-1,3-Dichloropropene	10061-01-5	25	7.90	ug/kg	70-130	30	70-130	30	30			
1,3-Dichloropropene, Total	542-75-6	25	7.90	ug/kg				30	30			
1,3-Dichloropropene, Total	542-75-6	25	7.90	ug/kg				30	30			
1,1-Dichloropropene	563-58-6	25	7.95	ug/kg	70-130	30	70-130	30	30			
Bromoform	75-25-2	200	12.3	ug/kg	70-130	30	70-130	30	30			
1,1,2,2-Tetrachloroethane	79-34-5	25	8.30	ug/kg	70-130	30	70-130	30	30			
Benzene	71-43-2	25	8.30	ug/kg	70-130	30	70-130	30	30			
Toluene	108-88-3	50	27.2	ug/kg	70-130	30	70-130	30	30			
Ethylbenzene	100-41-4	50	7.05	ug/kg	70-130	30	70-130	30	30			
Chloromethane	74-87-3	200	46.6	ug/kg	52-130	30	52-130	30	30			
Bromomethane	74-83-9	100	29.1	ug/kg	57-147	30	57-147	30	30			
Vinyl chloride	75-01-4	50	16.8	ug/kg	67-130	30	67-130	30	30			
Chloroethane	75-00-3	100	22.6	ug/kg	50-151	30	50-151	30	30			
1,1-Dichloroethene	75-35-4	50	11.9	ug/kg	65-135	30	65-135	30	30			
trans-1,2-Dichloroethene	156-60-5	75	6.85	ug/kg	70-130	30	70-130	30	30			
Trichloroethene	79-01-6	25	6.85	ug/kg	70-130	30	70-130	30	30			
1,2-Dichlorobenzene	95-50-1	100	7.20	ug/kg	70-130	30	70-130	30	30			
1,3-Dichlorobenzene	541-73-1	100	7.40	ug/kg	70-130	30	70-130	30	30			
1,4-Dichlorobenzene	106-46-7	100	8.55	ug/kg	70-130	30	70-130	30	30			
Methyl tert butyl ether	1634-04-4	100	10.1	ug/kg	66-130	30	66-130	30	30			
p/m-Xylene	179601-23-1	100	28.0	ug/kg	70-130	30	70-130	30	30			
o-Xylene	95-47-6	50	14.6	ug/kg	70-130	30	70-130	30	30			
Xylene (Total)	1330-20-7	50	14.6	ug/kg				30	30			
Xylene (Total)	1330-20-7	50	14.6	ug/kg				30	30			
cis-1,2-Dichloroethene	156-59-2	50	8.75	ug/kg	70-130	30	70-130	30	30			
1,2-Dichloroethene (total)	540-59-0	50	6.85	ug/kg				30	30			
1,2-Dichloroethene (total)	540-59-0	50	6.85	ug/kg				30	30			
Dibromomethane	74-95-3	100	11.9	ug/kg	70-130	30	70-130	30	30			

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)
Please Note that the information provided in this table is subject to change at anytime at the discretion of Alpha Analytical, Inc.

Volatile Organics - EPA 8260C (SOIL-HIGH)

Holding Time: 14 days
Container / Sample Preservation: 1 - Vial Large Septa unpreserved (4oz)

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
1,4-Dichlorobutane	110-56-5	500	11.3	ug/kg	70-130	30	70-130	30	30			
1,2,3-Trichloropropane	96-18-4	100	6.35	ug/kg	68-130	30	68-130	30	30			
Styrene	100-42-5	50	9.80	ug/kg	70-130	30	70-130	30	30			
Dichlorodifluoromethane	75-71-8	500	45.8	ug/kg	30-146	30	30-146	30	30			
Acetone	67-64-1	500	241	ug/kg	54-140	30	54-140	30	30			
Carbon disulfide	75-15-0	500	228	ug/kg	59-130	30	59-130	30	30			
2-Butanone	78-93-3	500	111	ug/kg	70-130	30	70-130	30	30			
Vinyl acetate	108-05-4	500	108	ug/kg	70-130	30	70-130	30	30			
4-Methyl-2-pentanone	108-10-1	500	64.0	ug/kg	70-130	30	70-130	30	30			
2-Hexanone	591-78-6	500	59.0	ug/kg	70-130	30	70-130	30	30			
Ethyl methacrylate	97-63-2	500	79.0	ug/kg	70-130	30	70-130	30	30			
Acrylonitrile	107-13-1	200	57.5	ug/kg	70-130	30	70-130	30	30			
Bromochloromethane	74-97-5	100	10.3	ug/kg	70-130	30	70-130	30	30			
Tetrahydrofuran	109-99-9	200	79.5	ug/kg	66-130	30	66-130	30	30			
2,2-Dichloropropane	594-20-7	100	10.1	ug/kg	70-130	30	70-130	30	30			
1,2-Dibromoethane	106-93-4	50	14.0	ug/kg	70-130	30	70-130	30	30			
1,3-Dichloropropane	142-28-9	100	8.35	ug/kg	69-130	30	69-130	30	30			
1,1,1,2-Tetrachloroethane	630-20-6	25	6.60	ug/kg	70-130	30	70-130	30	30			
Bromobenzene	108-86-1	100	7.25	ug/kg	70-130	30	70-130	30	30			
n-Butylbenzene	104-51-8	50	8.35	ug/kg	70-130	30	70-130	30	30			
sec-Butylbenzene	135-98-8	50	7.30	ug/kg	70-130	30	70-130	30	30			
tert-Butylbenzene	98-06-6	100	5.90	ug/kg	70-130	30	70-130	30	30			
1,3,5-Trichlorobenzene	108-70-3	100	8.65	ug/kg	70-139	30	70-130	30	30			
o-Chlorotoluene	95-49-8	100	9.55	ug/kg	70-130	30	70-130	30	30			
p-Chlorotoluene	106-43-4	100	5.40	ug/kg	70-130	30	70-130	30	30			
1,2-Dibromo-3-chloropropane	96-12-8	150	49.9	ug/kg	68-130	30	68-130	30	30			
Hexachlorobutadiene	87-68-3	200	8.45	ug/kg	67-130	30	67-130	30	30			
Isopropylbenzene	98-82-8	50	5.45	ug/kg	70-130	30	70-130	30	30			
p-Isopropyltoluene	99-87-6	50	5.45	ug/kg	70-130	30	70-130	30	30			
Naphthalene	91-20-3	200	32.5	ug/kg	70-130	30	70-130	30	30			
n-Propylbenzene	103-65-1	50	8.55	ug/kg	70-130	30	70-130	30	30			
1,2,3-Trichlorobenzene	87-61-6	100	16.1	ug/kg	70-130	30	70-130	30	30			
1,2,4-Trichlorobenzene	120-82-1	100	13.6	ug/kg	70-130	30	70-130	30	30			
1,3,5-Trimethylbenzene	108-67-8	100	9.65	ug/kg	70-130	30	70-130	30	30			
1,2,4-Trimethylbenzene	95-63-6	100	16.7	ug/kg	70-130	30	70-130	30	30			
trans-1,4-Dichloro-2-butene	110-57-6	250	71.0	ug/kg	70-130	30	70-130	30	30			
iso-Propyl Alcohol	67-63-0	5000	5000	ug/kg	70-130	20	70-130	20	20			
Ethyl ether	60-29-7	100	17.1	ug/kg	67-130	30	67-130	30	30			
Methyl Acetate	79-20-9	200	47.5	ug/kg	65-130	30	65-130	30	30			
Ethyl Acetate	141-78-6	500	60.5	ug/kg	70-130	30	70-130	30	30			
Isopropyl Ether	108-20-3	100	10.7	ug/kg	66-130	30	66-130	30	30			
Cyclohexane	110-82-7	500	27.2	ug/kg	70-130	30	70-130	30	30			

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)
Please Note that the information provided in this table is subject to change at anytime at the discretion of Alpha Analytical, Inc.

Volatile Organics - EPA 8260C (SOIL-HIGH)

Holding Time: 14 days
Container / Sample Preservation: 1 - Vial Large Septa unpreserved (4oz)

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Ethyl-Tert-Butyl-Ether	637-92-3	100	6.40	ug/kg	70-130	30	70-130	30	30			
Tertiary-Amyl Methyl Ether	994-05-8	100	8.80	ug/kg	70-130	30	70-130	30	30			
1,4-Dioxane	123-91-1	5000	1755	ug/kg	65-136	30	65-136	30	30			
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	200	34.7	ug/kg	70-130	30	70-130	30	30			
1,2-Dichloroethane-d4	*17060-07-0*									*70-130*		
Toluene-d8	*2037-26-5*									*70-130*		
4-Bromofluorobenzene	*460-00-4*									*70-130*		
Dibromofluoromethane	*1868-53-7*									*70-130*		

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)
Please Note that the information provided in this table is subject to change at anytime at the discretion of Alpha Analytical, Inc.

Volatiles Sample Data

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2237198
Project Name	: GROSSINGERS	**Project Number**	: 9313
Lab ID	: L2237198-01	**Date Collected**	: 07/12/22 09:55
Client ID	: MW-213	**Date Received**	: 07/13/22
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 07/20/22 19:49
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: MV
Lab File ID	: V01220720N09	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	37	2.5	0.70	
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2237198
Project Name	: GROSSINGERS	**Project Number**	: 9313
Lab ID	: L2237198-01	**Date Collected**	: 07/12/22 09:55
Client ID	: MW-213	**Date Received**	: 07/13/22
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 07/20/22 19:49
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: MV
Lab File ID	: V01220720N09	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	31	5.0	1.0	
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2237198
Project Name	: GROSSINGERS	**Project Number**	: 9313
Lab ID	: L2237198-01	**Date Collected**	: 07/12/22 09:55
Client ID	: MW-213	**Date Received**	: 07/13/22
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 07/20/22 19:49
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: MV
Lab File ID	: V01220720N09	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2237198
Project Name	: GROSSINGERS	**Project Number**	: 9313
Lab ID	: L2237198-01	**Date Collected**	: 07/12/22 09:55
Client ID	: MW-213	**Date Received**	: 07/13/22
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 07/20/22 19:49
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: MV
Lab File ID	: V01220720N09	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2237198
Project Name	: GROSSINGERS	**Project Number**	: 9313
Lab ID	: L2237198-01	**Date Collected**	: 07/12/22 09:55
Client ID	: MW-213	**Date Received**	: 07/13/22
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 07/20/22 19:49
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: MV
Lab File ID	: V01220720N09	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 4 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000075-43-4	Fluorodichloromethane	2.64	21.2	NJ
000541-05-9	Cyclotrisiloxane, hexamethyl-	8.13	1.19	NJ
	Unknown	11.10	1.31	J
	Total TIC Compounds		23.7J	J

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2237198
Project Name	: GROSSINGERS	**Project Number**	: 9313
Lab ID	: L2237198-02	**Date Collected**	: 07/12/22 11:30
Client ID	: MW-214	**Date Received**	: 07/13/22
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 07/20/22 19:26
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: MV
Lab File ID	: V01220720N08	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	2.5	2.5	0.70	
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2237198
Project Name	: GROSSINGERS	**Project Number**	: 9313
Lab ID	: L2237198-02	**Date Collected**	: 07/12/22 11:30
Client ID	: MW-214	**Date Received**	: 07/13/22
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 07/20/22 19:26
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: MV
Lab File ID	: V01220720N08	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	9.9	5.0	1.0	
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2237198
Project Name	: GROSSINGERS	**Project Number**	: 9313
Lab ID	: L2237198-02	**Date Collected**	: 07/12/22 11:30
Client ID	: MW-214	**Date Received**	: 07/13/22
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 07/20/22 19:26
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: MV
Lab File ID	: V01220720N08	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2237198
Project Name	: GROSSINGERS	**Project Number**	: 9313
Lab ID	: L2237198-02	**Date Collected**	: 07/12/22 11:30
Client ID	: MW-214	**Date Received**	: 07/13/22
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 07/20/22 19:26
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: MV
Lab File ID	: V01220720N08	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2237198
Project Name	: GROSSINGERS	**Project Number**	: 9313
Lab ID	: L2237198-02	**Date Collected**	: 07/12/22 11:30
Client ID	: MW-214	**Date Received**	: 07/13/22
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 07/20/22 19:26
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: MV
Lab File ID	: V01220720N08	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 4 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000075-43-4	Fluorodichloromethane	2.64	7.47	NJ
000541-05-9	Cyclotrisiloxane, hexamethyl-	8.13	1.21	NJ
	Unknown	11.10	1.36	J
	Total TIC Compounds		10.0J	J

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2237198
Project Name	: GROSSINGERS	**Project Number**	: 9313
Lab ID	: L2237198-03	**Date Collected**	: 07/12/22 13:20
Client ID	: FB	**Date Received**	: 07/13/22
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 07/20/22 19:02
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: MV
Lab File ID	: V01220720N07	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2237198
Project Name	: GROSSINGERS	**Project Number**	: 9313
Lab ID	: L2237198-03	**Date Collected**	: 07/12/22 13:20
Client ID	: FB	**Date Received**	: 07/13/22
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 07/20/22 19:02
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: MV
Lab File ID	: V01220720N07	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2237198
Project Name	: GROSSINGERS	**Project Number**	: 9313
Lab ID	: L2237198-03	**Date Collected**	: 07/12/22 13:20
Client ID	: FB	**Date Received**	: 07/13/22
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 07/20/22 19:02
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: MV
Lab File ID	: V01220720N07	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2237198
Project Name	: GROSSINGERS	**Project Number**	: 9313
Lab ID	: L2237198-03	**Date Collected**	: 07/12/22 13:20
Client ID	: FB	**Date Received**	: 07/13/22
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 07/20/22 19:02
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: MV
Lab File ID	: V01220720N07	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2237198
Project Name	: GROSSINGERS	**Project Number**	: 9313
Lab ID	: L2237198-03	**Date Collected**	: 07/12/22 13:20
Client ID	: FB	**Date Received**	: 07/13/22
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 07/20/22 19:02
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: MV
Lab File ID	: V01220720N07	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 3 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000541-05-9	Cyclotrisiloxane, hexamethyl-	8.13	1.17	NJ
	Unknown	11.10	1.43	J
	Total TIC Compounds		2.60J	J

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2237198
Project Name	: GROSSINGERS	**Project Number**	: 9313
Lab ID	: L2237198-04	**Date Collected**	: 07/12/22 00:00
Client ID	: TB	**Date Received**	: 07/13/22
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 07/20/22 18:39
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: MV
Lab File ID	: V01220720N06	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2237198
Project Name	: GROSSINGERS	**Project Number**	: 9313
Lab ID	: L2237198-04	**Date Collected**	: 07/12/22 00:00
Client ID	: TB	**Date Received**	: 07/13/22
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 07/20/22 18:39
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: MV
Lab File ID	: V01220720N06	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2237198
Project Name	: GROSSINGERS	**Project Number**	: 9313
Lab ID	: L2237198-04	**Date Collected**	: 07/12/22 00:00
Client ID	: TB	**Date Received**	: 07/13/22
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 07/20/22 18:39
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: MV
Lab File ID	: V01220720N06	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2237198
Project Name	: GROSSINGERS	**Project Number**	: 9313
Lab ID	: L2237198-04	**Date Collected**	: 07/12/22 00:00
Client ID	: TB	**Date Received**	: 07/13/22
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 07/20/22 18:39
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: MV
Lab File ID	: V01220720N06	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2237198
Project Name	: GROSSINGERS	**Project Number**	: 9313
Lab ID	: L2237198-04	**Date Collected**	: 07/12/22 00:00
Client ID	: TB	**Date Received**	: 07/13/22
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 07/20/22 18:39
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: MV
Lab File ID	: V01220720N06	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 3 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000541-05-9	Cyclotrisiloxane, hexamethyl-	8.13	1.23	NJ
	Unknown	11.10	1.49	J
	Total TIC Compounds		2.72J	J

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2237198
Project Name	: GROSSINGERS	**Project Number**	: 9313
Lab ID	: WG1665617-5	**Date Collected**	: NA
Client ID	: WG1665617-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 07/20/22 18:15
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: TMS
Lab File ID	: V01220720N05	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2237198
Project Name	: GROSSINGERS	**Project Number**	: 9313
Lab ID	: WG1665617-5	**Date Collected**	: NA
Client ID	: WG1665617-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 07/20/22 18:15
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: TMS
Lab File ID	: V01220720N05	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2237198
Project Name	: GROSSINGERS	**Project Number**	: 9313
Lab ID	: WG1665617-5	**Date Collected**	: NA
Client ID	: WG1665617-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 07/20/22 18:15
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: TMS
Lab File ID	: V01220720N05	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2237198
Project Name	: GROSSINGERS	**Project Number**	: 9313
Lab ID	: WG1665617-5	**Date Collected**	: NA
Client ID	: WG1665617-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 07/20/22 18:15
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: TMS
Lab File ID	: V01220720N05	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2237198
Project Name	: GROSSINGERS	**Project Number**	: 9313
Lab ID	: WG1665617-5	**Date Collected**	: NA
Client ID	: WG1665617-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 07/20/22 18:15
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: TMS
Lab File ID	: V01220720N05	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 3 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000541-05-9	Cyclotrisiloxane, hexamethyl-	8.13	1.45	NJ
	Unknown	11.10	1.55	J
	Total TIC Compounds		3.00J	J

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N06.D
Acq On : 20 Jul 2022 6:39 pm
Operator : VOA101:MV
Sample : L2237198-04,31,10,10,,A,PRI
Misc : WG1665617,ICAL19192
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 21 08:09:43 2022
Quant Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 11:23:17 2022
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2022\220720N\V01220720N01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.149	96	301356	10.000	ug/L	0.00
Standard Area 1 = 326687			Recovery = 92.25%			
59) Chlorobenzene-d5	9.696	117	237447	10.000	ug/L	0.00
Standard Area 1 = 256877			Recovery = 92.44%			
79) 1,4-Dichlorobenzene-d4	12.365	152	109589	10.000	ug/L	0.00
Standard Area 1 = 124607			Recovery = 87.95%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.340	113	75779	9.958	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.58%			
43) 1,2-Dichloroethane-d4	5.870	65	74710	10.156	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.56%			
60) Toluene-d8	7.844	98	303791	9.973	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.73%			
83) 4-Bromofluorobenzene	11.168	95	108422	10.411	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.11%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	1.919	50	533	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	2.320	94	1106	0.620	ug/L	99
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
8) Ethyl ether	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.112	76	551	N.D.		
15) Methylene chloride	0.000		0	N.D.		
17) Acetone	3.684	43	919	0.608	ug/L #	48
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
25) Acrylonitrile	0.000		0	N.D.		
27) Vinyl acetate	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
29) 2,2-Dichloropropane	0.000		0	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
32) Chloroform	0.000		0	N.D.		

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N06.D
Acq On : 20 Jul 2022 6:39 pm
Operator : VOA101:MV
Sample : L2237198-04,31,10,10,,A,PRI
Misc : WG1665617,ICAL19192
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 21 08:09:43 2022
Quant Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 11:23:17 2022
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2022\220720N\V01220720N01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0	N.D.		
37) 1,1,1-Trichloroethane	0.000		0	N.D.		
39) 2-Butanone	0.000		0	N.D.		
40) 1,1-Dichloropropene	0.000		0	N.D.		
41) Benzene	5.733	78	340	N.D.		
44) 1,2-Dichloroethane	5.940	62	27	N.D.		
48) Trichloroethene	6.249	95	60	N.D.		
50) Dibromomethane	0.000		0	N.D.		
51) 1,2-Dichloropropane	0.000		0	N.D.		
54) Bromodichloromethane	0.000		0	N.D.		
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	0.000		0	N.D.		
61) Toluene	0.000		0	N.D.	d	
62) 4-Methyl-2-pentanone	0.000		0	N.D.		
63) Tetrachloroethene	0.000		0	N.D.		
65) trans-1,3-Dichloropropene	0.000		0	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D.		
69) Chlorodibromomethane	0.000		0	N.D.		
70) 1,3-Dichloropropane	0.000		0	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.		
72) 2-Hexanone	0.000		0	N.D.		
73) Chlorobenzene	9.710	112	57	N.D.		
74) Ethylbenzene	9.763	91	83	N.D.		
75) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
76) p/m Xylene	9.947	106	167	N.D.		
77) o Xylene	0.000		0	N.D.		
78) Styrene	0.000		0	N.D.		
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	0.000		0	N.D.		
84) Bromobenzene	0.000		0	N.D.		
85) n-Propylbenzene	11.330	91	113	N.D.		
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
88) 4-Ethyltoluene	11.458	105	154	N.D.		
89) 2-Chlorotoluene	0.000		0	N.D.		
90) 1,3,5-Trimethylbenzene	11.458	105	154	N.D.		
91) 1,2,3-Trichloropropane	0.000		0	N.D.		
92) trans-1,4-Dichloro-2-b...	0.000		0	N.D.		
93) 4-Chlorotoluene	11.695	91	115	N.D.		
94) tert-Butylbenzene	0.000		0	N.D.		

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N06.D
Acq On : 20 Jul 2022 6:39 pm
Operator : VOA101:MV
Sample : L2237198-04,31,10,10,,A,PRI
Misc : WG1665617,ICAL19192
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 21 08:09:43 2022
Quant Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 11:23:17 2022
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2022\220720N\V01220720N01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	11.960	105	26	N.D.		
98) sec-Butylbenzene	12.075	105	129	N.D.		
99) p-Isopropyltoluene	12.214	119	93	N.D.		
100) 1,3-Dichlorobenzene	12.298	146	108	N.D.		
101) 1,4-Dichlorobenzene	12.379	146	410	N.D.		
102) p-Diethylbenzene	12.593	119	131	N.D.		
103) n-Butylbenzene	12.652	91	107	N.D.		
104) 1,2-Dichlorobenzene	12.828	146	28	N.D.		
105) 1,2,4,5-Tetramethylben...	13.380	119	392	N.D.		
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
108) Hexachlorobutadiene	14.177	225	26	N.D.		
109) 1,2,4-Trichlorobenzene	14.211	180	155	N.D.		
110) Naphthalene	14.515	128	906	0.122	ug/L	100
111) 1,2,3-Trichlorobenzene	14.668	180	325	0.091	ug/L #	72

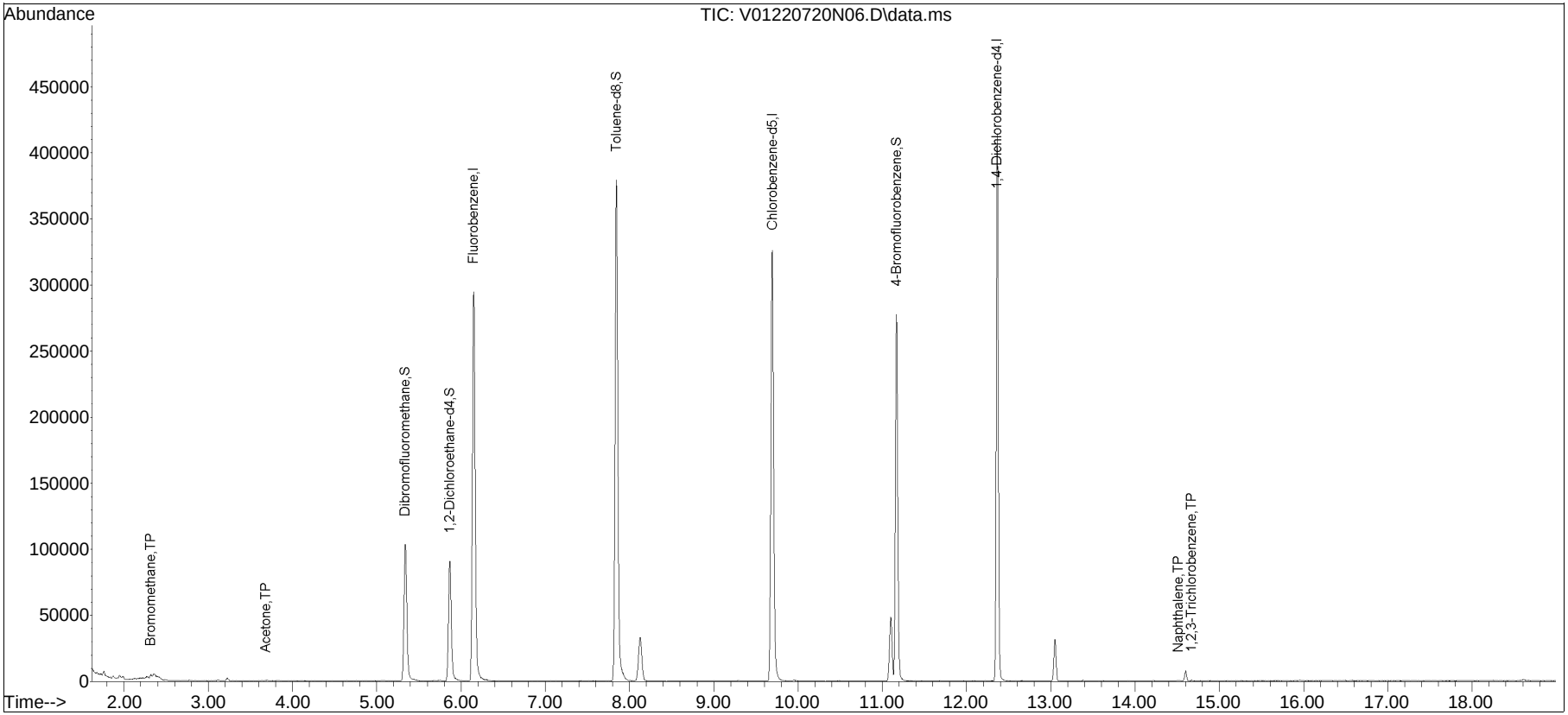
(#) = qualifier out of range (m) = manual integration (+) = signals summed

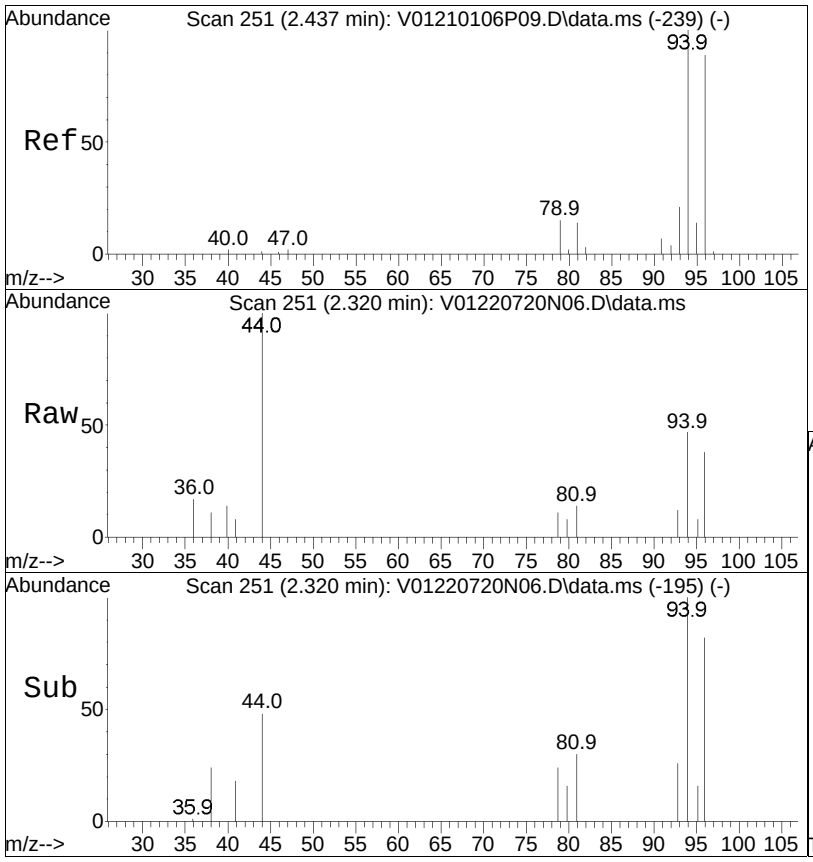
Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N06.D
Acq On : 20 Jul 2022 6:39 pm
Operator : VOA101:MV
Sample : L2237198-04,31,10,10,,A,PRI
Misc : WG1665617,ICAL19192
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 21 08:09:43 2022
Quant Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 11:23:17 2022
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox20720N\V01220720N01.D•

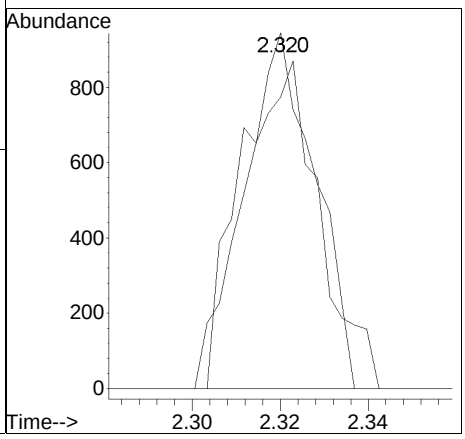


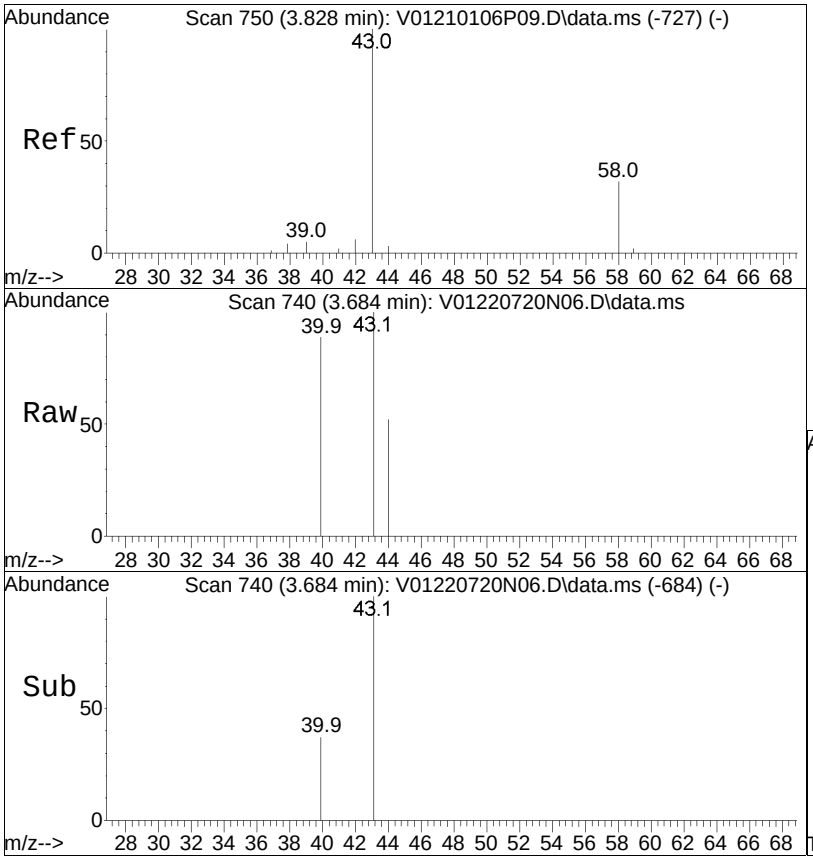


#5
Bromomethane
Concen: 0.62 ug/L
RT: 2.320 min Scan# 251
Delta R.T. 0.005 min
Lab File: V01220720N06.D
Acq: 20 Jul 2022 6:39 pm

Tgt Ion: 94 Resp: 1106

Ion	Ratio	Lower	Upper
94	100		
96	94.5	73.6	113.6

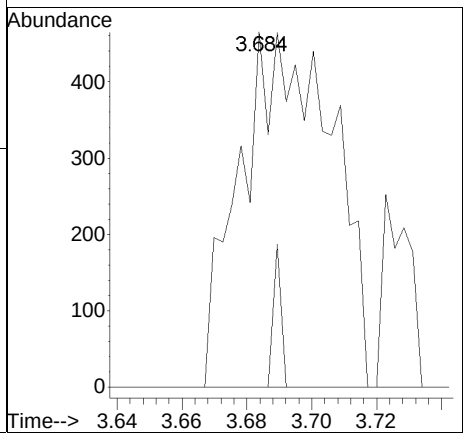


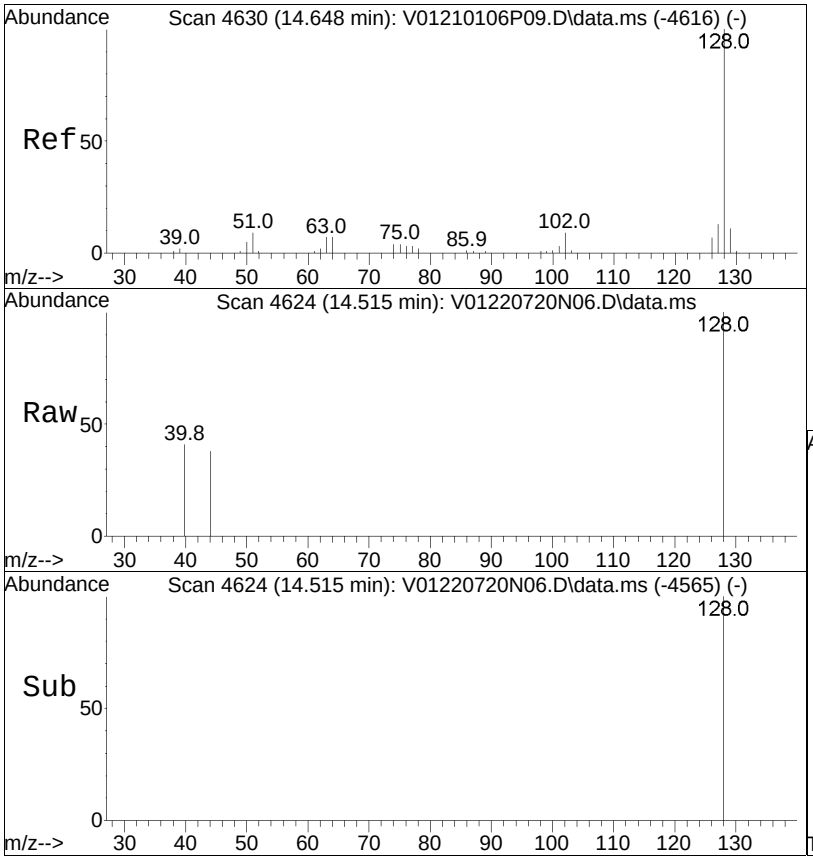


#17
Acetone
Concen: 0.61 ug/L
RT: 3.684 min Scan# 740
Delta R.T. 0.006 min
Lab File: V01220720N06.D
Acq: 20 Jul 2022 6:39 pm

Tgt Ion: 43 Resp: 919

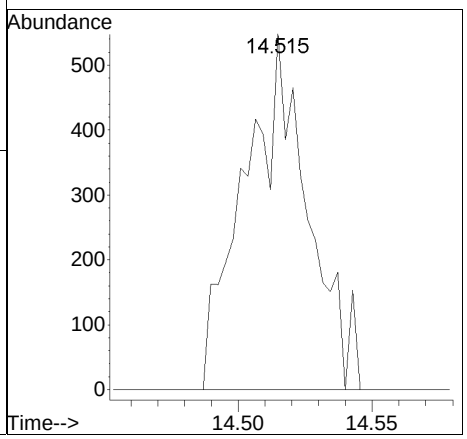
Ion	Ratio	Lower	Upper
43	100		
58	3.4	25.9	38.9#

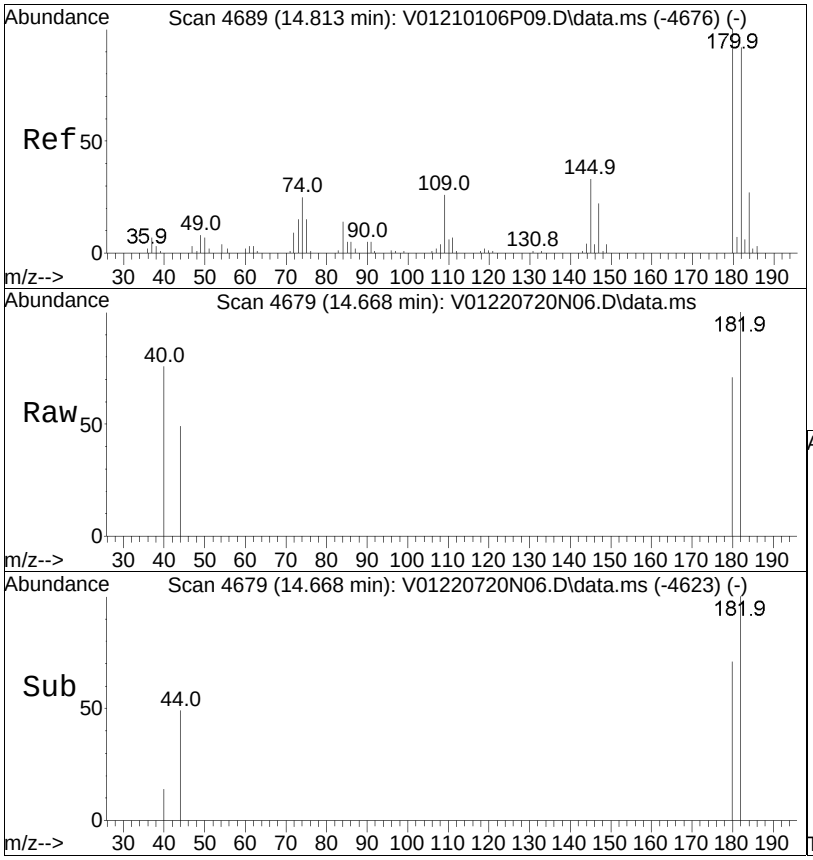




#110
Naphthalene
Concen: 0.12 ug/L
RT: 14.515 min Scan# 4624
Delta R.T. 0.017 min
Lab File: V01220720N06.D
Acq: 20 Jul 2022 6:39 pm

Tgt Ion:128 Resp: 906

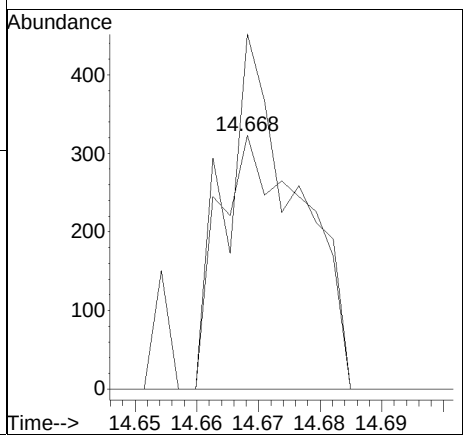




#111
1,2,3-Trichlorobenzene
Concen: 0.09 ug/L
RT: 14.668 min Scan# 4679
Delta R.T. 0.005 min
Lab File: V01220720N06.D
Acq: 20 Jul 2022 6:39 pm

Tgt Ion:180 Resp: 325

Ion	Ratio	Lower	Upper
180	100		
182	112.0	75.4	113.0
145	0.0	25.0	37.6#



Manual Integration Report

Data Path	: I:\VOLATILES\VOA101\2022\2	Method	: V101_220719N_8260.m
Data File	: V01220720N06.D	Operator	: VOA101:MV
Date Inj'd	: 7/20/2022 6:39 pm	Instrument	: VOA 101
Sample	: L2237198-04,31,10,10,,A,PR	Quant Date	: 7/21/2022 6:06 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N06.D
Acq On : 20 Jul 2022 6:39 pm
Operator : VOA101:MV
Sample : L2237198-04,31,10,10,,A,PRI
Misc : WG1665617,ICAL19192
ALS Vial : 6 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V01220720N06.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.337	1314	1333	1367	rBV	103450	245373	28.33%	5.824%
2	5.870	1503	1524	1555	rBV2	90748	213816	24.69%	5.075%
3	6.149	1604	1624	1655	rBV	294606	676216	78.08%	16.050%
4	7.844	2211	2232	2283	rBV	379362	866097	100.00%	20.556%
5	8.126	2310	2333	2356	rBV3	32925	91497	10.56%	2.172%
6	9.693	2875	2895	2942	rBV2	325921	742805	85.76%	17.630%
7	11.099	3383	3399	3411	rBV5	48386	102769	11.87%	2.439%
8	11.168	3411	3424	3453	rVB	276914	527503	60.91%	12.520%
9	12.365	3835	3853	3874	rBV	413481	689077	79.56%	16.355%
10	13.048	4083	4098	4115	rBV	31936	58106	6.71%	1.379%

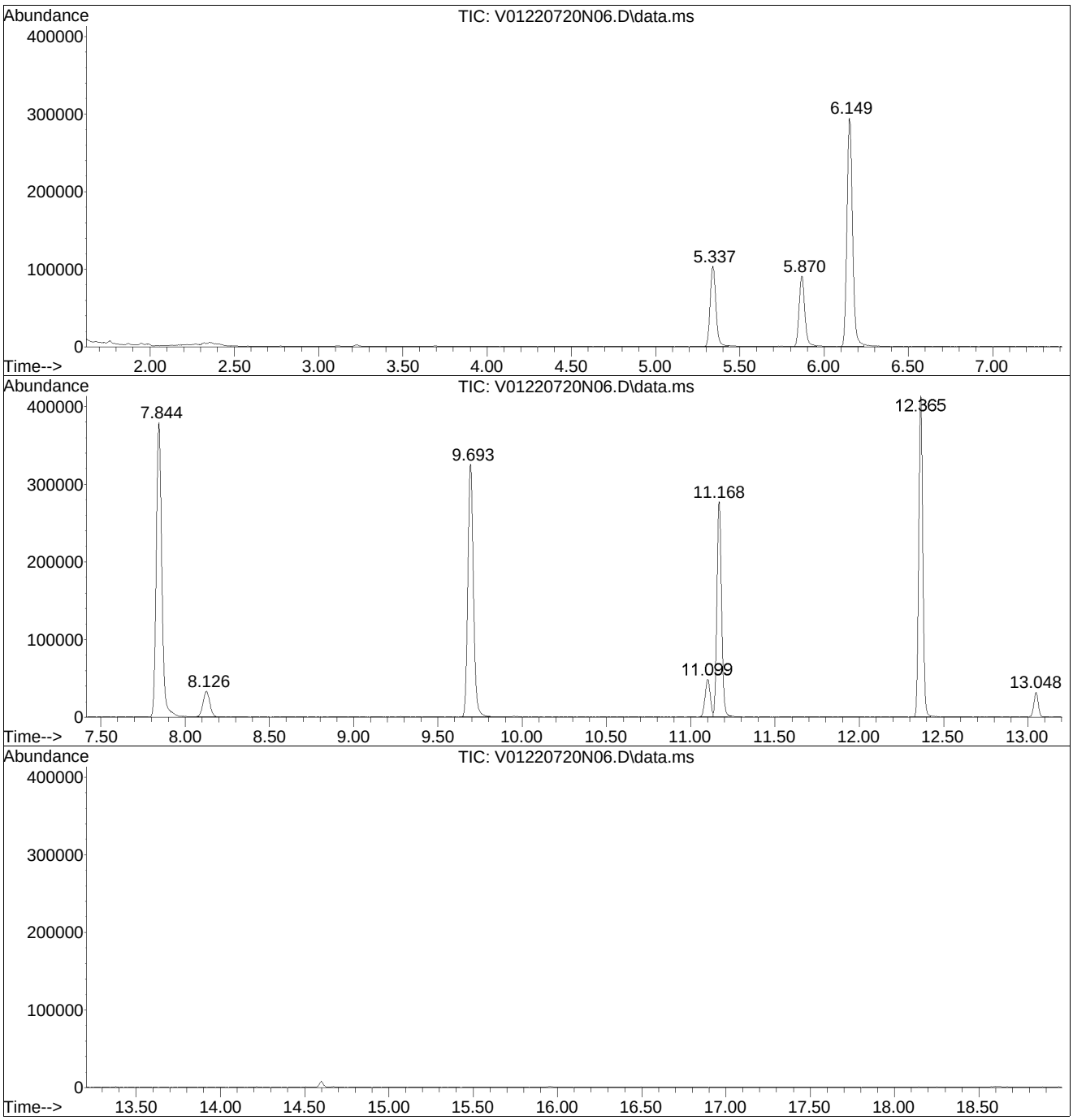
Sum of corrected areas: 4213259

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N06.D
Acq On : 20 Jul 2022 6:39 pm
Operator : VOA101:MV
Sample : L2237198-04,31,10,10,,A,PRI
Misc : WG1665617,ICAL19192
ALS Vial : 6 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N06.D
Acq On : 20 Jul 2022 6:39 pm
Operator : VOA101:MV
Sample : L2237198-04,31,10,10,,A,PRI
Misc : WG1665617,ICAL19192
ALS Vial : 6 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS

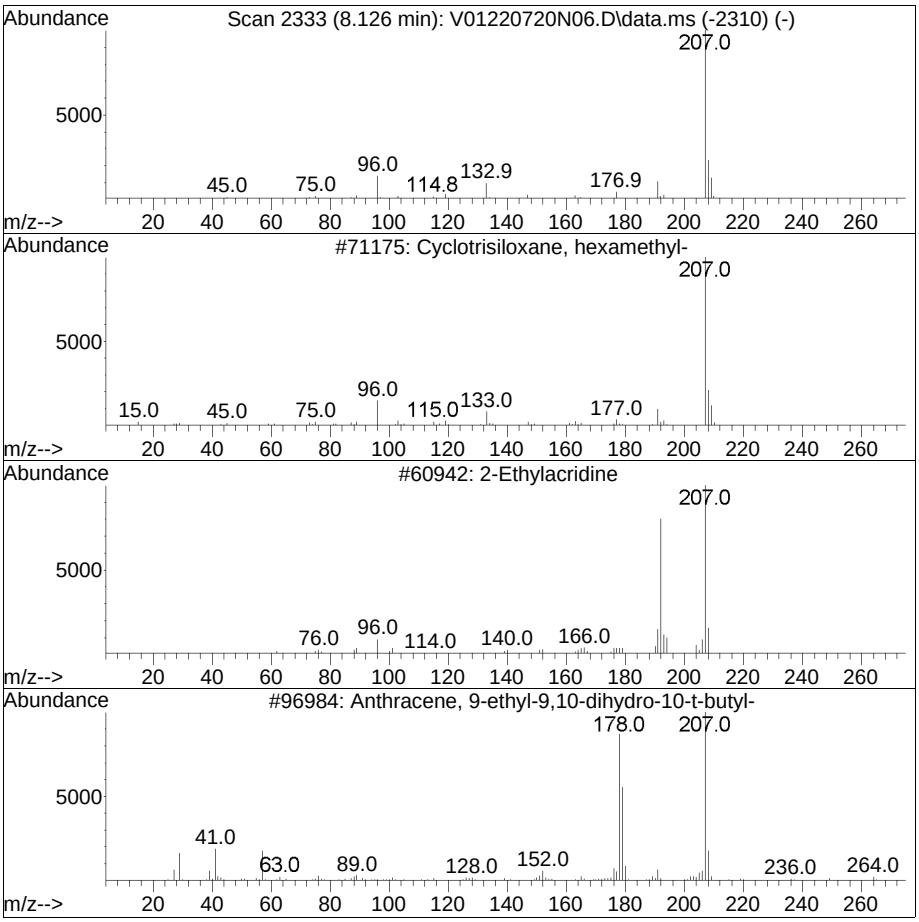
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

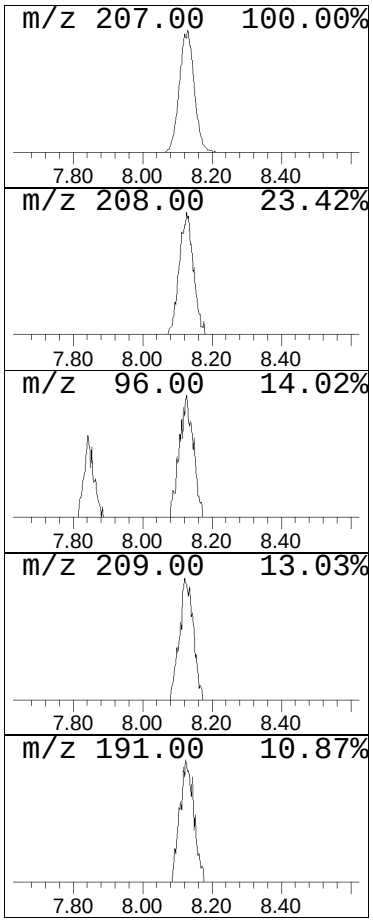
****

Peak Number 1 Cyclotrisiloxane, hexamethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.126	1.23 ug/L	91497	Chlorobenzene-d5	9.696

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	91
2	2-Ethylacridine	207	C15H13N	055751-83-2	42
3	Anthracene, 9-ethyl-9,10-dihydro...	264	C20H24	1000154-57-7	38
4	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	36
5	N-(2-Acetylcyclopentylidene)cycl...	207	C13H21NO	1000100-48-5	9





Library Search Compound Report

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N06.D
Acq On : 20 Jul 2022 6:39 pm
Operator : VOA101:MV
Sample : L2237198-04,31,10,10,,A,PRI
Misc : WG1665617,ICAL19192
ALS Vial : 6 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS

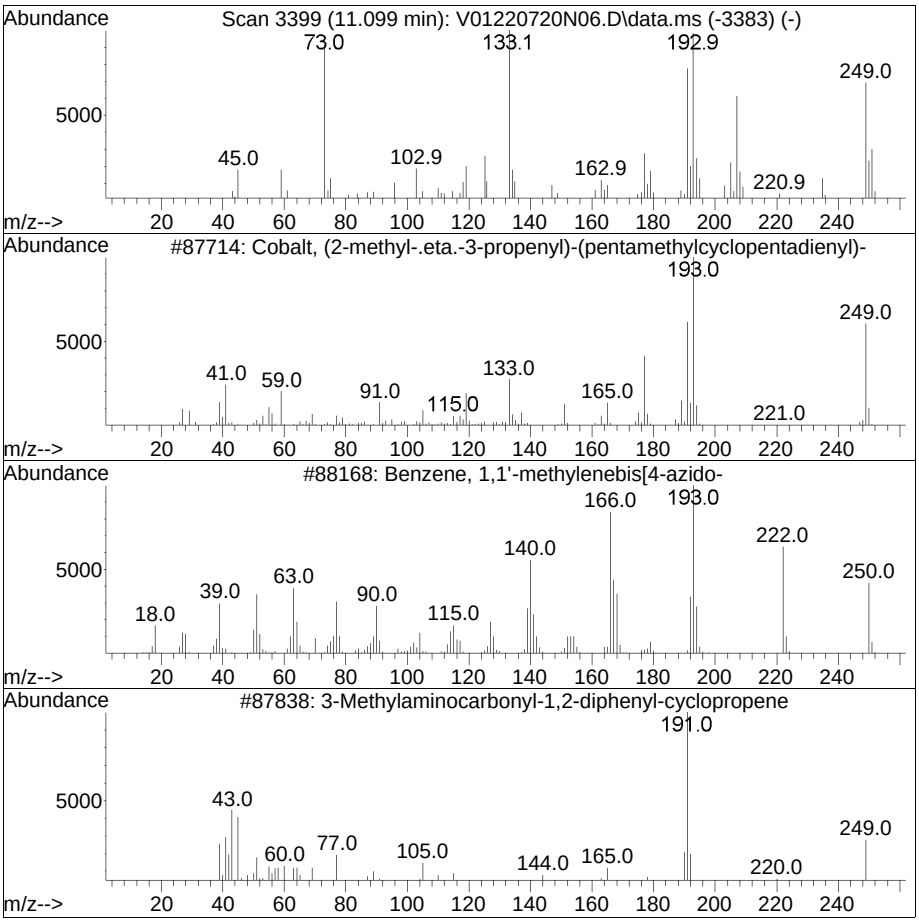
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

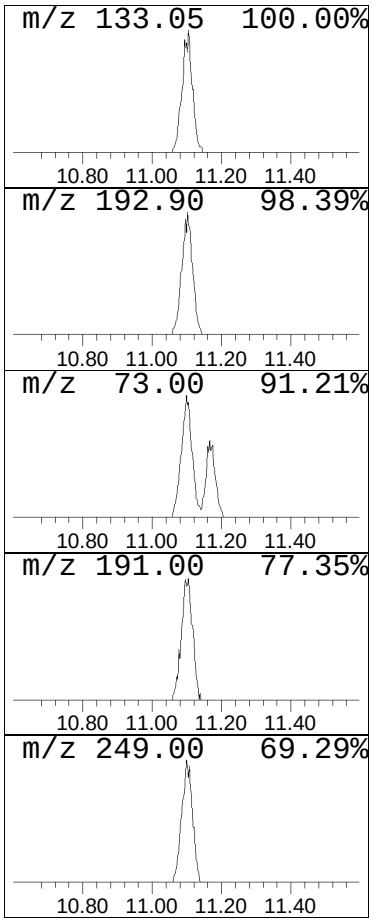
****

Peak Number 2 Unknown Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.099	1.49 ug/L	102769	1,4-Dichlorobenzene-d4	12.365

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cobalt, (2-methyl-.eta.-3-propen...	249	C14H22Co	1000157-04-3	47
2	Benzene, 1,1'-methylenebis[4-azido-	250	C13H10N6	002915-44-8	22
3	3-Methylaminocarbonyl-1,2-diphen...	249	C17H15NO	076462-98-1	22
4	3-Ethoxyphenylacetone hydroxyoxime	193	C11H15NO2	319914-15-3	14
5	Trisiloxane, 1,1,3,3,5,5-hexamet...	208	C6H20O2Si3	001189-93-1	14





Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N06.D
Acq On : 20 Jul 2022 6:39 pm
Operator : VOA101:MV
Sample : L2237198-04,31,10,10,,A,PRI
Misc : WG1665617,ICAL19192
ALS Vial : 6 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclotrisiloxan...	8.126	1.2	ug/L	91497	2	9.696	742805	10.0
Unknown	11.099	1.5	ug/L	102769	3	12.365	689077	10.0

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N07.D
Acq On : 20 Jul 2022 7:02 pm
Operator : VOA101:MV
Sample : L2237198-03,31,10,10,,A,PRI
Misc : WG1665617,ICAL19192
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 21 08:11:21 2022
Quant Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 11:23:17 2022
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2022\220720N\V01220720N01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.149	96	298023	10.000	ug/L	0.00
Standard Area 1 = 326687			Recovery =	91.23%		
59) Chlorobenzene-d5	9.693	117	235095	10.000	ug/L	0.00
Standard Area 1 = 256877			Recovery =	91.52%		
79) 1,4-Dichlorobenzene-d4	12.365	152	108805	10.000	ug/L	0.00
Standard Area 1 = 124607			Recovery =	87.32%		
System Monitoring Compounds						
36) Dibromofluoromethane	5.340	113	75718	10.061	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	100.61%		
43) 1,2-Dichloroethane-d4	5.867	65	74374	10.224	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	102.24%		
60) Toluene-d8	7.844	98	300504	9.964	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	99.64%		
83) 4-Bromofluorobenzene	11.166	95	107683	10.415	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	104.15%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	1.916	50	569	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	2.323	94	1073	0.614	ug/L	99
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
8) Ethyl ether	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.115	76	664	N.D.		
15) Methylene chloride	0.000		0	N.D.		
17) Acetone	3.684	43	1225M1	0.820	ug/L	
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
25) Acrylonitrile	0.000		0	N.D.		
27) Vinyl acetate	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
29) 2,2-Dichloropropane	0.000		0	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
32) Chloroform	0.000		0	N.D.		

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N07.D
Acq On : 20 Jul 2022 7:02 pm
Operator : VOA101:MV
Sample : L2237198-03,31,10,10,,A,PRI
Misc : WG1665617,ICAL19192
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 21 08:11:21 2022
Quant Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 11:23:17 2022
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2022\220720N\V01220720N01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0	N.D.		
37) 1,1,1-Trichloroethane	0.000		0	N.D.		
39) 2-Butanone	0.000		0	N.D.		
40) 1,1-Dichloropropene	0.000		0	N.D.		
41) Benzene	5.742	78	25	N.D.		
44) 1,2-Dichloroethane	0.000		0	N.D.		
48) Trichloroethene	6.235	95	136	N.D.		
50) Dibromomethane	0.000		0	N.D.		
51) 1,2-Dichloropropane	0.000		0	N.D.		
54) Bromodichloromethane	0.000		0	N.D.		
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	0.000		0	N.D.		
61) Toluene	0.000		0	N.D.	d	
62) 4-Methyl-2-pentanone	0.000		0	N.D.		
63) Tetrachloroethene	0.000		0	N.D.		
65) trans-1,3-Dichloropropene	0.000		0	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D.		
69) Chlorodibromomethane	0.000		0	N.D.		
70) 1,3-Dichloropropane	0.000		0	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.		
72) 2-Hexanone	0.000		0	N.D.		
73) Chlorobenzene	0.000		0	N.D.		
74) Ethylbenzene	9.757	91	97	N.D.		
75) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
76) p/m Xylene	9.944	106	30	N.D.		
77) o Xylene	10.499	106	26	N.D.		
78) Styrene	10.555	104	63	N.D.		
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	0.000		0	N.D.		
84) Bromobenzene	0.000		0	N.D.		
85) n-Propylbenzene	11.336	91	29	N.D.		
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
88) 4-Ethyltoluene	11.442	105	61	N.D.		
89) 2-Chlorotoluene	11.506	91	31	N.D.		
90) 1,3,5-Trimethylbenzene	11.553	105	26	N.D.		
91) 1,2,3-Trichloropropane	0.000		0	N.D.		
92) trans-1,4-Dichloro-2-b...	0.000		0	N.D.		
93) 4-Chlorotoluene	11.687	91	88	N.D.		
94) tert-Butylbenzene	0.000		0	N.D.		

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N07.D
Acq On : 20 Jul 2022 7:02 pm
Operator : VOA101:MV
Sample : L2237198-03,31,10,10,,A,PRI
Misc : WG1665617,ICAL19192
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 21 08:11:21 2022
Quant Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 11:23:17 2022
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2022\220720N\V01220720N01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	11.974	105	64		N.D.	
98) sec-Butylbenzene	11.974	105	64		N.D.	
99) p-Isopropyltoluene	12.217	119	26		N.D.	
100) 1,3-Dichlorobenzene	12.303	146	70		N.D.	
101) 1,4-Dichlorobenzene	12.393	146	26		N.D.	
102) p-Diethylbenzene	12.596	119	26		N.D.	
103) n-Butylbenzene	12.655	91	33		N.D.	
104) 1,2-Dichlorobenzene	12.817	146	26		N.D.	
105) 1,2,4,5-Tetramethylben...	13.383	119	218		N.D.	
106) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
108) Hexachlorobutadiene	0.000		0		N.D.	
109) 1,2,4-Trichlorobenzene	14.216	180	25		N.D.	
110) Naphthalene	14.504	128	140		N.D.	
111) 1,2,3-Trichlorobenzene	14.677	180	189		N.D.	

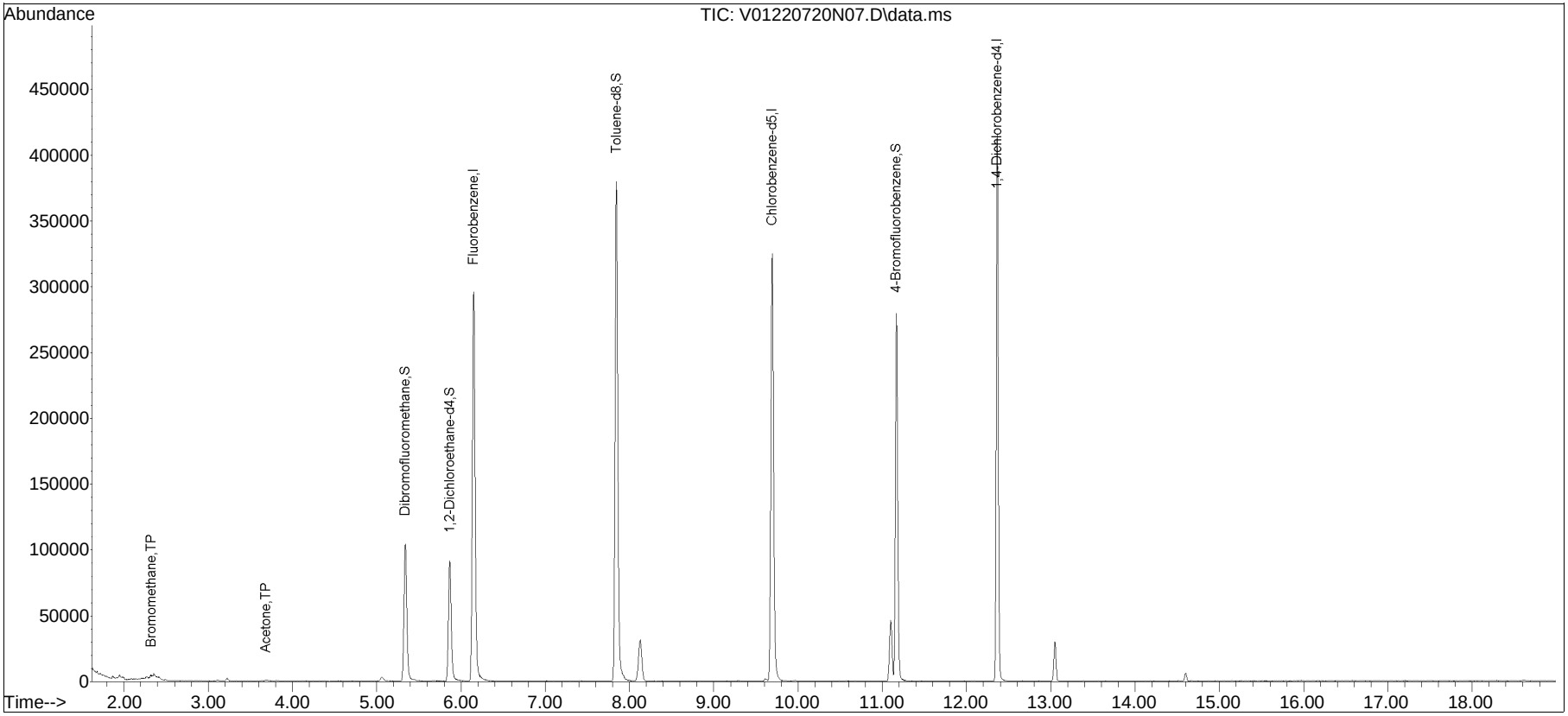
(#) = qualifier out of range (m) = manual integration (+) = signals summed

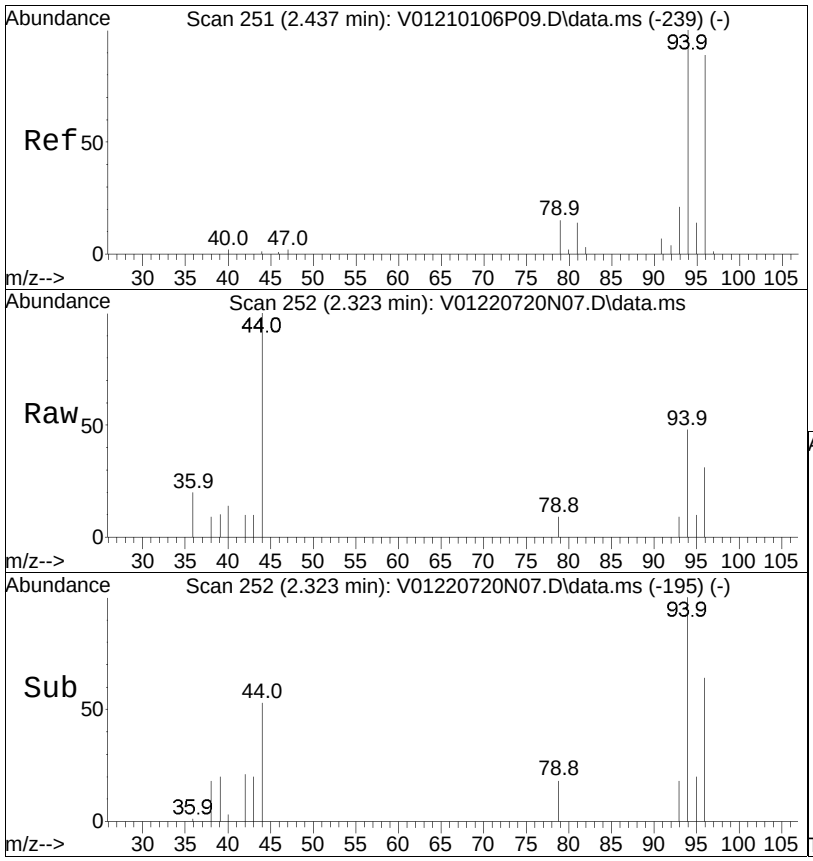
Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N07.D
Acq On : 20 Jul 2022 7:02 pm
Operator : VOA101:MV
Sample : L2237198-03,31,10,10,,A,PRI
Misc : WG1665617,ICAL19192
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 21 08:11:21 2022
Quant Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 11:23:17 2022
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox20720N\V01220720N01.D•

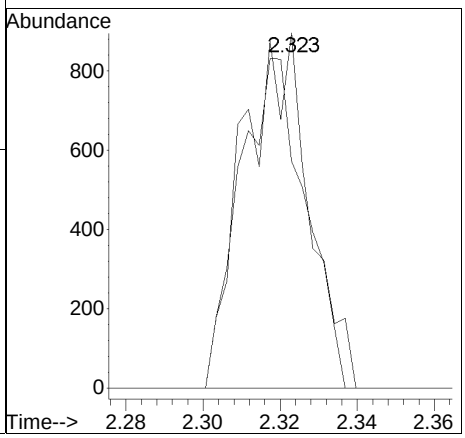


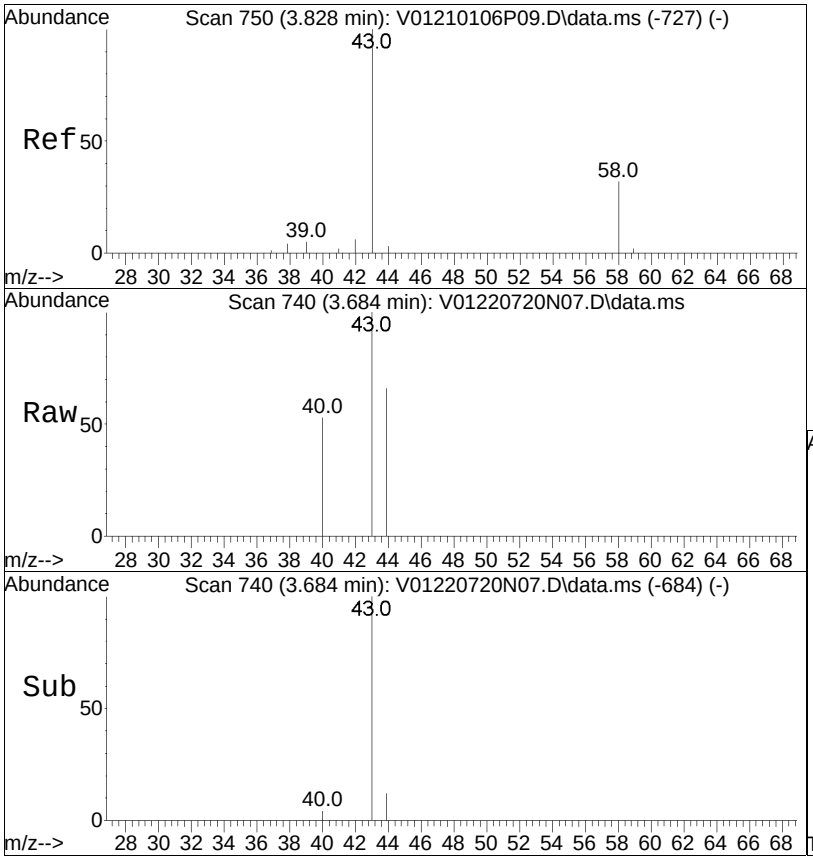


#5
Bromomethane
Concen: 0.61 ug/L
RT: 2.323 min Scan# 252
Delta R.T. 0.008 min
Lab File: V01220720N07.D
Acq: 20 Jul 2022 7:02 pm

Tgt Ion: 94 Resp: 1073

Ion	Ratio	Lower	Upper
94	100		
96	92.2	73.6	113.6

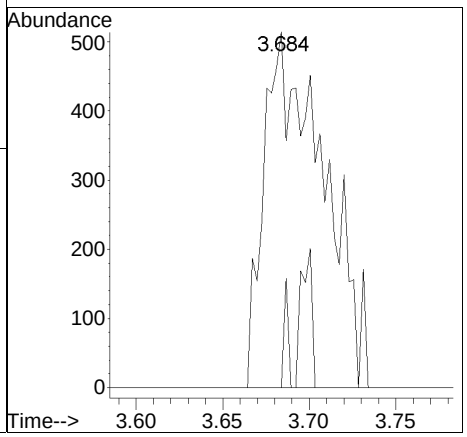




#17
Acetone
Concen: 0.82 ug/L M1
RT: 3.684 min Scan# 740
Delta R.T. 0.006 min
Lab File: V01220720N07.D
Acq: 20 Jul 2022 7:02 pm

Tgt Ion: 43 Resp: 1225

Ion	Ratio	Lower	Upper
43	100		
58	2.1	25.9	38.9#

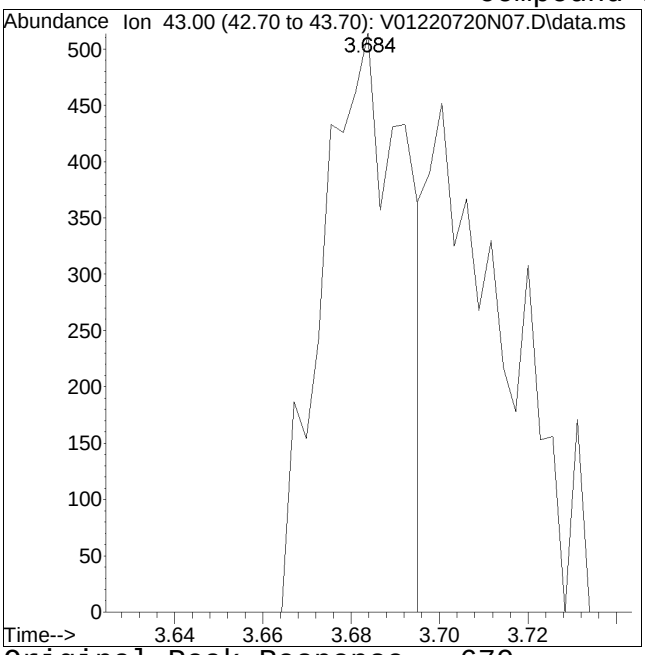


Manual Integration Report

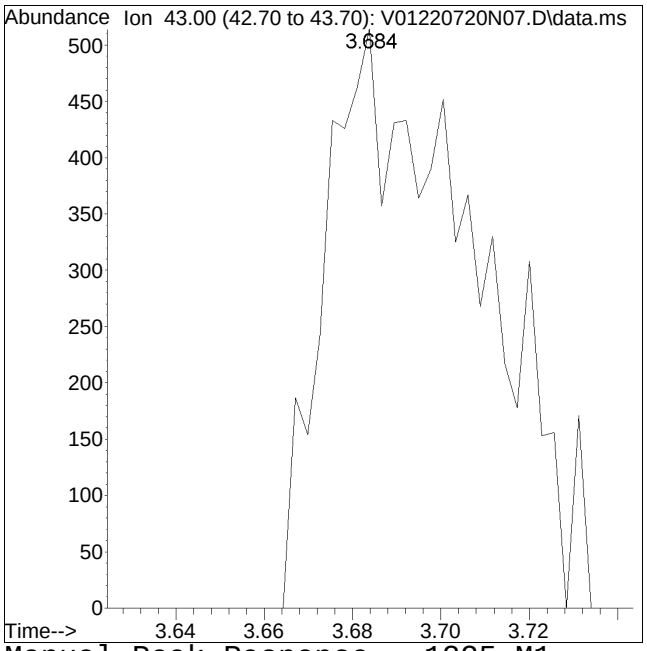
Data Path : I:\VOLATILES\VOA101\2022\2Q
Data File : V01220720N07.D
Date Inj'd : 7/20/2022 7:02 pm
Sample : L2237198-03,31,10,10,,A,PR

Method : V101_220719N_8260.m
Operator : VOA101:MV
Instrument : VOA 101
Quant Date : 7/21/2022 6:06 am

Compound #17: Acetone



Original Peak Response = 670



Manual Peak Response = 1225 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

LSC Area Percent Report

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N07.D
Acq On : 20 Jul 2022 7:02 pm
Operator : VOA101:MV
Sample : L2237198-03,31,10,10,,A,PRI
Misc : WG1665617,ICAL19192
ALS Vial : 7 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V01220720N07.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.340	1315	1334	1360	rBV3	104207	245109	28.63%	5.854%
2	5.867	1503	1523	1552	rBV	91678	214145	25.02%	5.115%
3	6.152	1605	1625	1670	rBV	295857	682683	79.75%	16.305%
4	7.844	2208	2232	2280	rBV	379728	856047	100.00%	20.446%
5	8.129	2312	2334	2359	rVB3	31427	86512	10.11%	2.066%
6	9.693	2876	2895	2936	rVB	324733	737206	86.12%	17.607%
7	11.099	3380	3399	3411	rBV5	46281	98055	11.45%	2.342%
8	11.168	3411	3424	3455	rVB2	279245	528103	61.69%	12.613%
9	12.365	3837	3853	3879	rBV2	415270	684678	79.98%	16.353%
10	13.048	4077	4098	4119	rVB	30436	54407	6.36%	1.299%

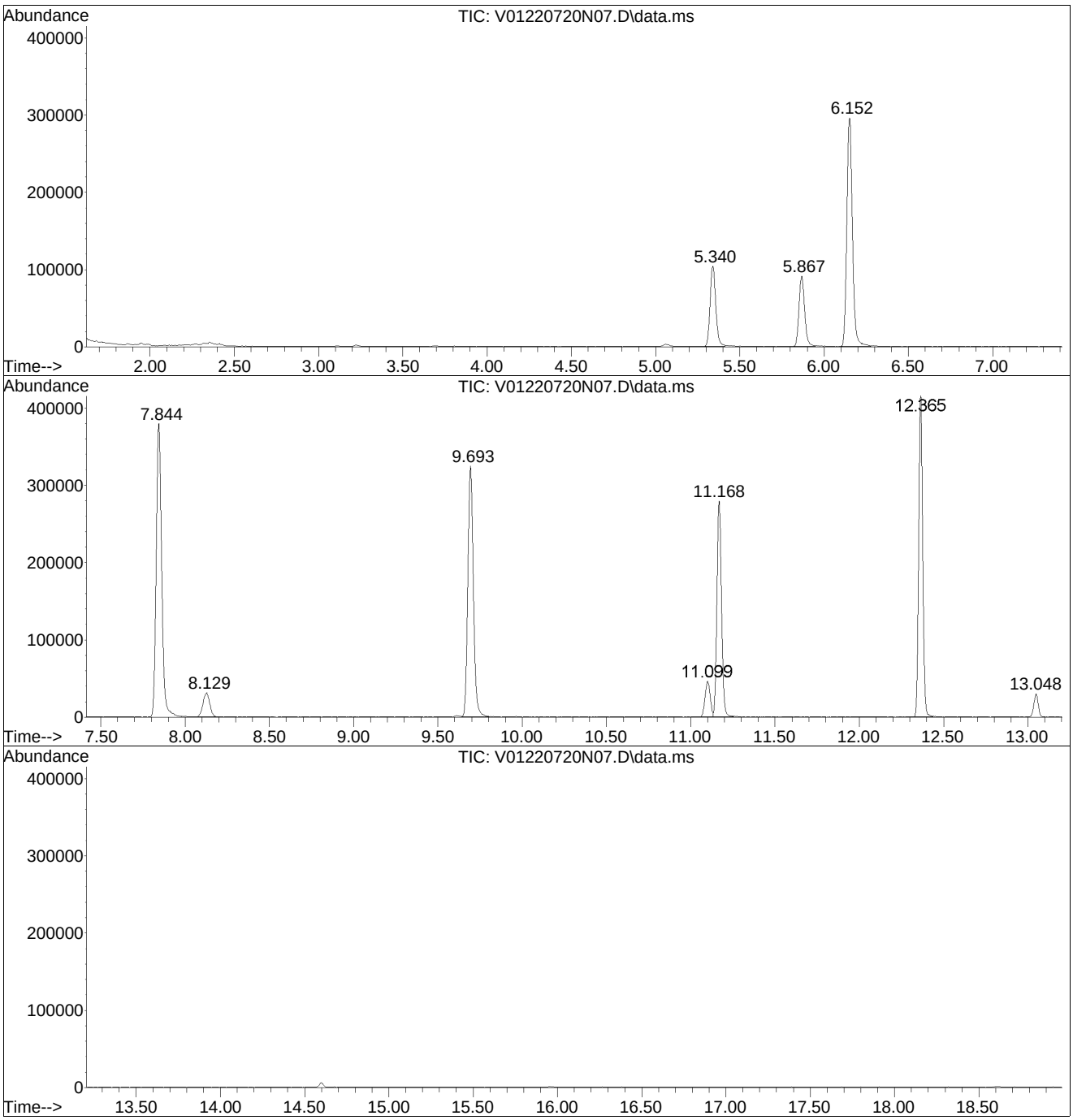
Sum of corrected areas: 4186945

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N07.D
Acq On : 20 Jul 2022 7:02 pm
Operator : VOA101:MV
Sample : L2237198-03,31,10,10,,A,PRI
Misc : WG1665617,ICAL19192
ALS Vial : 7 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N07.D
Acq On : 20 Jul 2022 7:02 pm
Operator : VOA101:MV
Sample : L2237198-03,31,10,10,,A,PRI
Misc : WG1665617,ICAL19192
ALS Vial : 7 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS

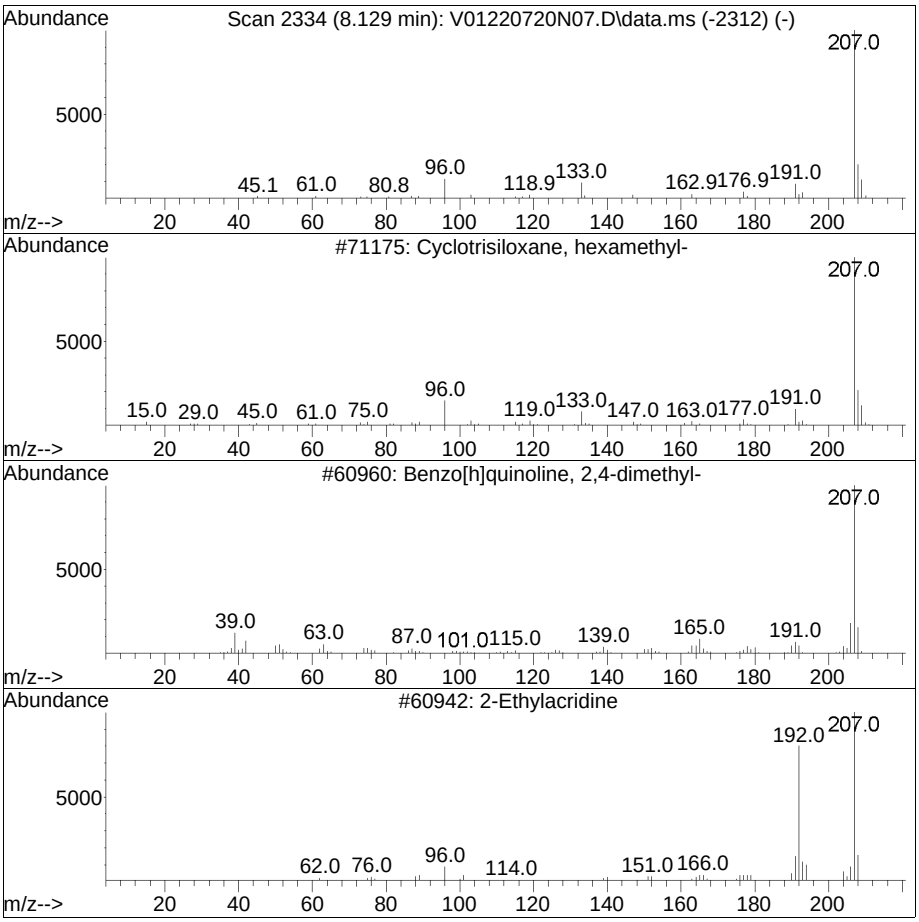
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

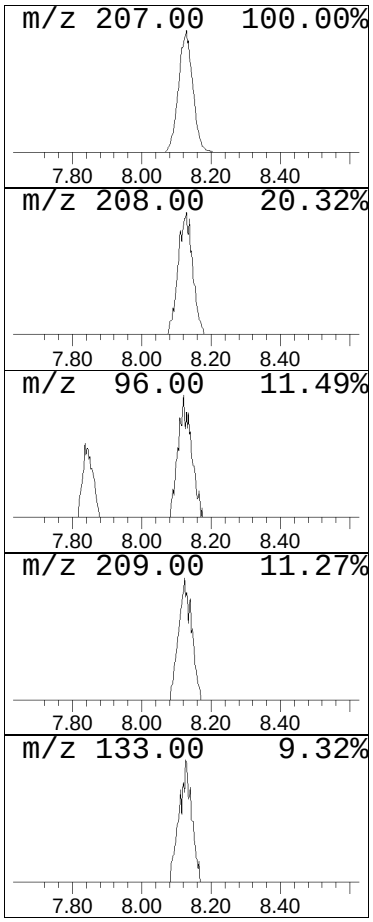
****

Peak Number 1 Cyclotrisiloxane, hexamethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.129	1.17 ug/L	86512	Chlorobenzene-d5	9.693

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	91
2	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	38
3	2-Ethylacridine	207	C15H13N	055751-83-2	38
4	Benz[b]-1,4-oxazepine-4(5H)-thio...	207	C11H13NOS	1000258-63-4	38
5	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	38





Library Search Compound Report

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N07.D
Acq On : 20 Jul 2022 7:02 pm
Operator : VOA101:MV
Sample : L2237198-03,31,10,10,,A,PRI
Misc : WG1665617,ICAL19192
ALS Vial : 7 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS

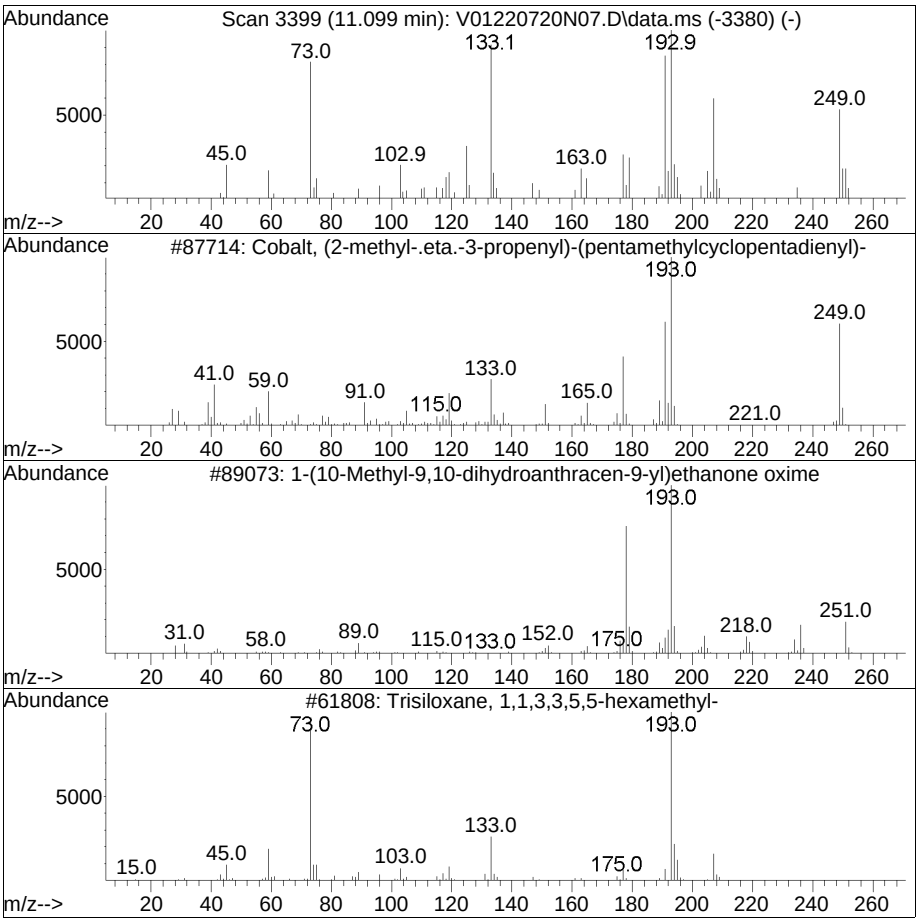
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

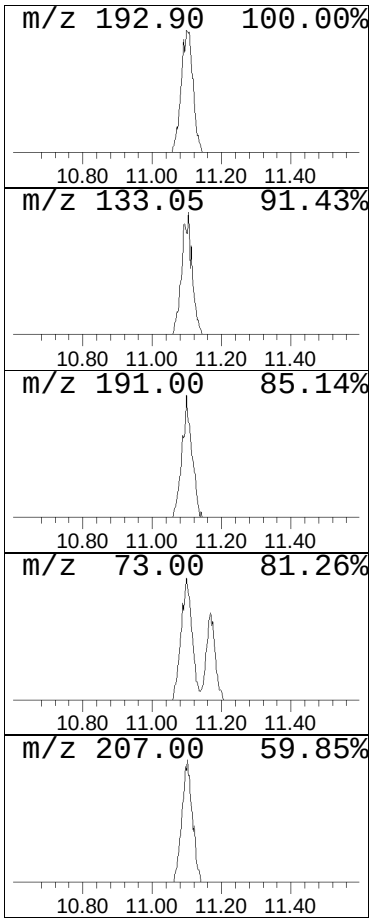
****

Peak Number 2 Unknown Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.099	1.43 ug/L	98055	1,4-Dichlorobenzene-d4	12.365

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cobalt, (2-methyl-.eta.-3-propen...	249	C14H22Co	1000157-04-3	46
2	1-(10-Methyl-9,10-dihydroanthrac...	251	C17H17NO	1000210-33-6	22
3	Trisiloxane, 1,1,3,3,5,5-hexamet...	208	C6H20O2Si3	001189-93-1	22
4	3-Methylaminocarbonyl-1,2-diphen...	249	C17H15NO	076462-98-1	22
5	6-Methylphenanthridine	193	C14H11N	003955-65-5	18





Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N07.D
Acq On : 20 Jul 2022 7:02 pm
Operator : VOA101:MV
Sample : L2237198-03,31,10,10,,A,PRI
Misc : WG1665617,ICAL19192
ALS Vial : 7 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclotrisiloxan...	8.129	1.2	ug/L	86512	2	9.693	737206	10.0
Unknown	11.099	1.4	ug/L	98055	3	12.365	684678	10.0

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N08.D
Acq On : 20 Jul 2022 7:26 pm
Operator : VOA101:MV
Sample : L2237198-02,31,10,10,,A,PRI
Misc : WG1665617,ICAL19192
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 21 08:11:50 2022
Quant Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 11:23:17 2022
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2022\220720N\V01220720N01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.149	96	299097	10.000	ug/L	0.00
Standard Area 1 = 326687			Recovery = 91.55%			
59) Chlorobenzene-d5	9.690	117	235578	10.000	ug/L	0.00
Standard Area 1 = 256877			Recovery = 91.71%			
79) 1,4-Dichlorobenzene-d4	12.365	152	109593	10.000	ug/L	0.00
Standard Area 1 = 124607			Recovery = 87.95%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.340	113	74693	9.889	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.89%			
43) 1,2-Dichloroethane-d4	5.867	65	73688	10.093	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.93%			
60) Toluene-d8	7.844	98	297032	9.829	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.29%			
83) 4-Bromofluorobenzene	11.166	95	106973	10.271	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.71%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.726	85	82815	9.930	ug/L	99
3) Chloromethane	1.916	50	605	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	2.323	94	1131	0.628	ug/L	94
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	2.585	101	28606	2.499	ug/L	100
8) Ethyl ether	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.112	76	438	N.D.		
15) Methylene chloride	3.634	84	81	N.D.		
17) Acetone	3.687	43	1342	0.895	ug/L #	46
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
20) Methyl tert-butyl ether	3.879	73	206	N.D.		
23) 1,1-Dichloroethane	4.378	63	61	N.D.		
25) Acrylonitrile	0.000		0	N.D.		
27) Vinyl acetate	0.000		0	N.D. d		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
29) 2,2-Dichloropropane	0.000		0	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
32) Chloroform	0.000		0	N.D.		

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N08.D
Acq On : 20 Jul 2022 7:26 pm
Operator : VOA101:MV
Sample : L2237198-02,31,10,10,,A,PRI
Misc : WG1665617,ICAL19192
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 21 08:11:50 2022
Quant Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 11:23:17 2022
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2022\220720N\V01220720N01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	0.000		0		N.D.	
40) 1,1-Dichloropropene	0.000		0		N.D.	
41) Benzene	5.745	78	30		N.D.	
44) 1,2-Dichloroethane	0.000		0		N.D.	
48) Trichloroethene	0.000		0		N.D.	
50) Dibromomethane	0.000		0		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	0.000		0		N.D.	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	7.895	92	64		N.D.	
62) 4-Methyl-2-pentanone	0.000		0		N.D.	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D.	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	0.000		0		N.D.	
73) Chlorobenzene	9.716	112	42		N.D.	
74) Ethylbenzene	9.743	91	127		N.D.	
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	9.944	106	28		N.D.	
77) o Xylene	0.000		0		N.D.	
78) Styrene	0.000		0		N.D.	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	0.000		0		N.D.	
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	11.330	91	25		N.D.	
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
88) 4-Ethyltoluene	0.000		0		N.D.	
89) 2-Chlorotoluene	0.000		0		N.D.	
90) 1,3,5-Trimethylbenzene	0.000		0		N.D.	
91) 1,2,3-Trichloropropane	0.000		0		N.D.	
92) trans-1,4-Dichloro-2-b...	0.000		0		N.D.	
93) 4-Chlorotoluene	11.709	91	26		N.D.	
94) tert-Butylbenzene	0.000		0		N.D.	

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N08.D
Acq On : 20 Jul 2022 7:26 pm
Operator : VOA101:MV
Sample : L2237198-02,31,10,10,,A,PRI
Misc : WG1665617,ICAL19192
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 21 08:11:50 2022
Quant Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 11:23:17 2022
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2022\220720N\V01220720N01.D
Sub List : 8260-NYTCL - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97)	1,2,4-Trimethylbenzene	0.000		0		N.D.	
98)	sec-Butylbenzene	0.000		0		N.D.	
99)	p-Isopropyltoluene	12.217	119	159		N.D.	
100)	1,3-Dichlorobenzene	12.309	146	202		N.D.	
101)	1,4-Dichlorobenzene	12.382	146	180		N.D.	
102)	p-Diethylbenzene	0.000		0		N.D.	
103)	n-Butylbenzene	0.000		0		N.D.	
104)	1,2-Dichlorobenzene	0.000		0		N.D.	
105)	1,2,4,5-Tetramethylben...	13.380	119	53		N.D.	
106)	1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
108)	Hexachlorobutadiene	0.000		0		N.D.	
109)	1,2,4-Trichlorobenzene	0.000		0		N.D.	
110)	Naphthalene	14.520	128	201		N.D.	
111)	1,2,3-Trichlorobenzene	14.671	180	172		N.D.	

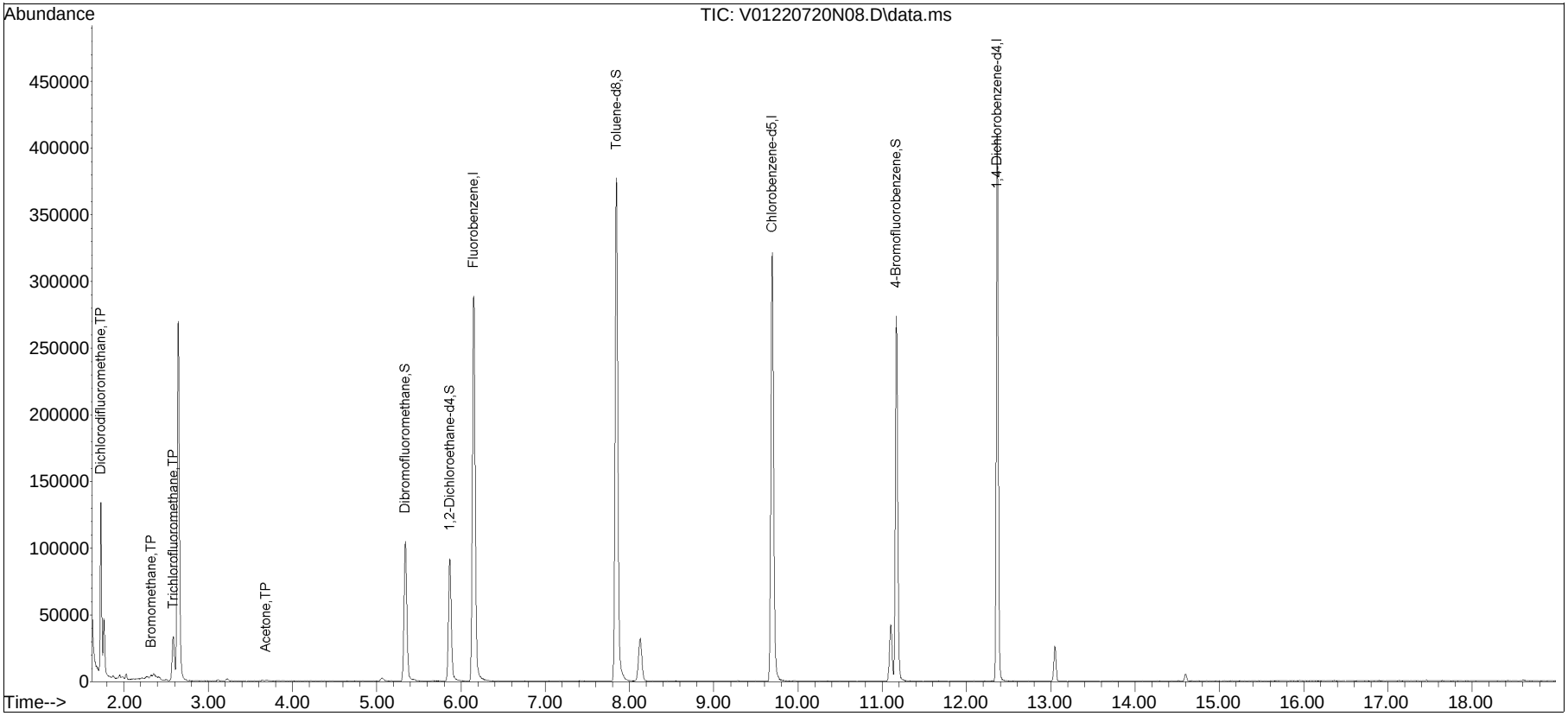
(#) = qualifier out of range (m) = manual integration (+) = signals summed

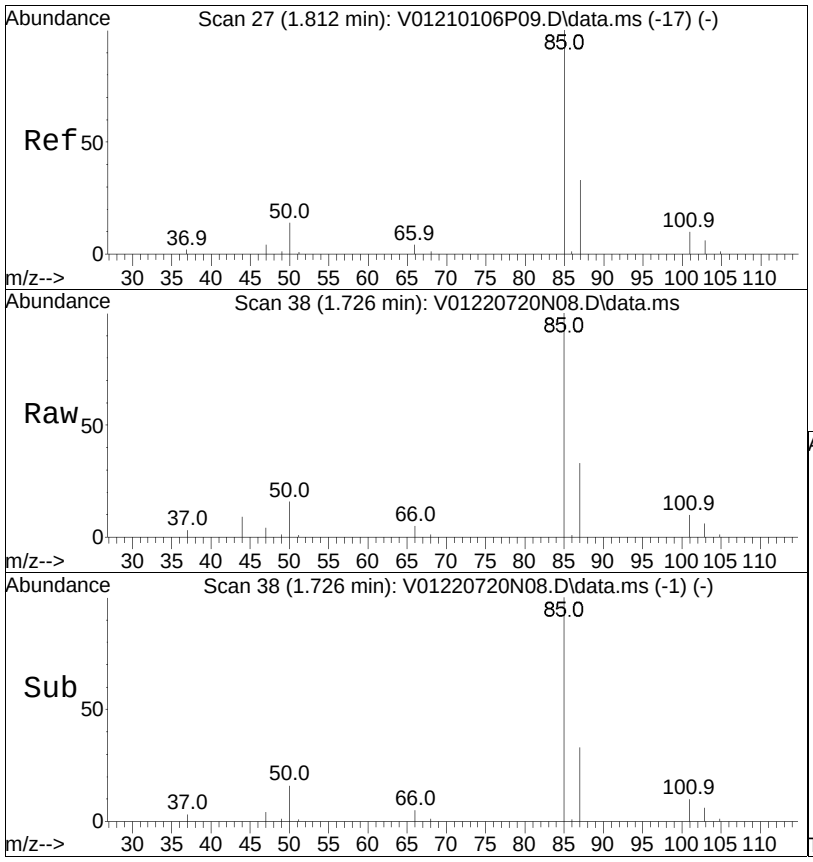
Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N08.D
Acq On : 20 Jul 2022 7:26 pm
Operator : VOA101:MV
Sample : L2237198-02,31,10,10,,A,PRI
Misc : WG1665617,ICAL19192
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 21 08:11:50 2022
Quant Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 11:23:17 2022
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox20720N\V01220720N01.D•

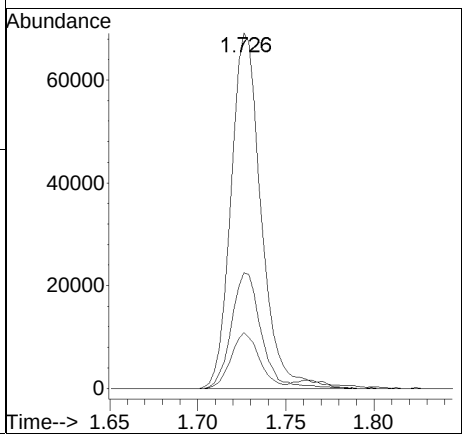


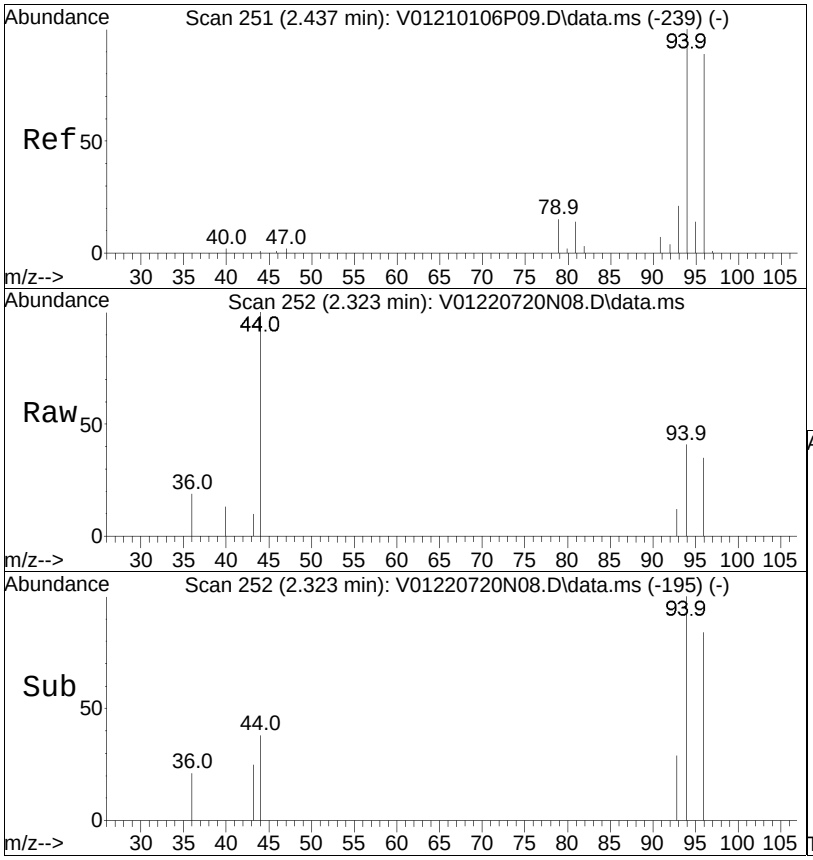


#2
Dichlorodifluoromethane
Concen: 9.93 ug/L
RT: 1.726 min Scan# 38
Delta R.T. 0.003 min
Lab File: V01220720N08.D
Acq: 20 Jul 2022 7:26 pm

Tgt Ion: 85 Resp: 82815

Ion	Ratio	Lower	Upper
85	100		
87	32.1	20.9	43.5
50	14.7	9.1	18.9

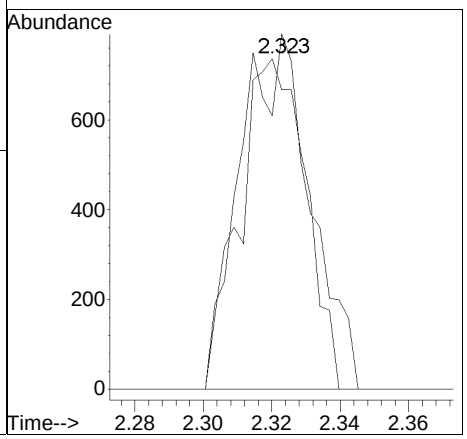


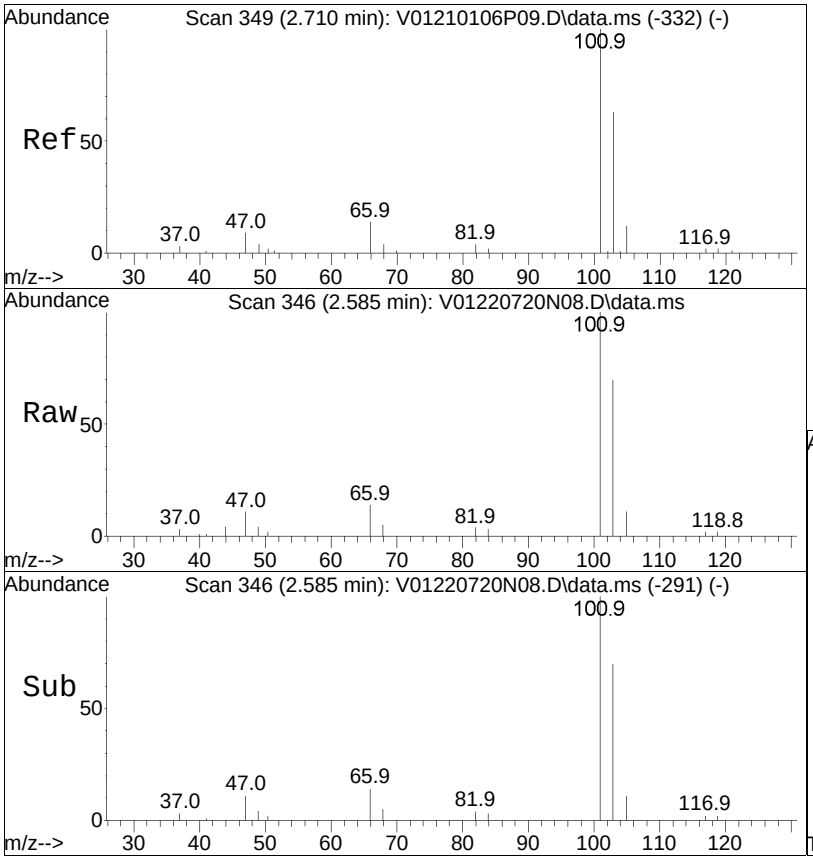


#5
Bromomethane
Concen: 0.63 ug/L
RT: 2.323 min Scan# 252
Delta R.T. 0.008 min
Lab File: V01220720N08.D
Acq: 20 Jul 2022 7:26 pm

Tgt Ion: 94 Resp: 1131

Ion	Ratio	Lower	Upper
94	100		
96	88.1	73.6	113.6

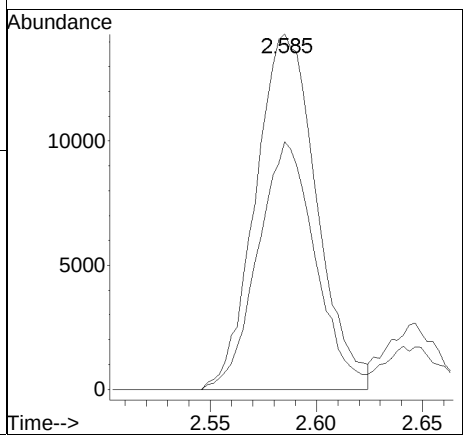


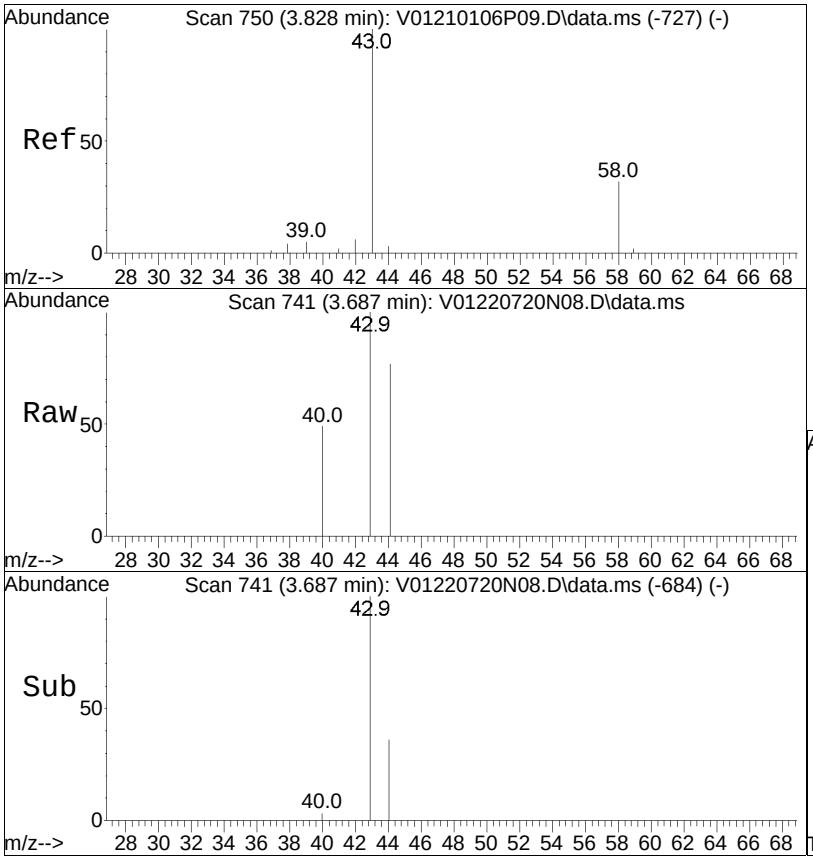


#7
Trichlorofluoromethane
Concen: 2.50 ug/L
RT: 2.585 min Scan# 346
Delta R.T. 0.003 min
Lab File: V01220720N08.D
Acq: 20 Jul 2022 7:26 pm

Tgt Ion:101 Resp: 28606

Ion	Ratio	Lower	Upper
101	100		
103	65.4	52.3	78.5

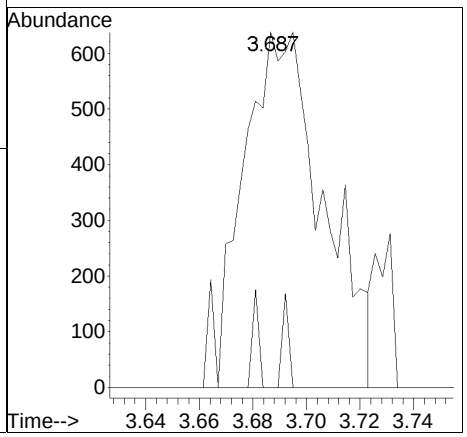




#17
Acetone
Concen: 0.89 ug/L
RT: 3.687 min Scan# 741
Delta R.T. 0.009 min
Lab File: V01220720N08.D
Acq: 20 Jul 2022 7:26 pm

Tgt Ion: 43 Resp: 1342

Ion	Ratio	Lower	Upper
43	100		
58	2.1	25.9	38.9#



Manual Integration Report

Data Path	: I:\VOLATILES\VOA101\2022\2Q	Method	: V101_220719N_8260.m
Data File	: V01220720N08.D	Operator	: VOA101:MV
Date Inj'd	: 7/20/2022 7:26 pm	Instrument	: VOA 101
Sample	: L2237198-02,31,10,10,,A,PR	Quant Date	: 7/21/2022 6:06 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N08.D
Acq On : 20 Jul 2022 7:26 pm
Operator : VOA101:MV
Sample : L2237198-02,31,10,10,,A,PRI
Misc : WG1665617,ICAL19192
ALS Vial : 8 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V01220720N08.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.726	30	38	46	rBV	126549	144324	16.91%	2.940%
2	1.762	46	51	71	rVB	43258	55427	6.49%	1.129%
3	2.585	329	346	355	rBV2	33043	62814	7.36%	1.280%
4	2.644	355	367	397	rVB	269182	500755	58.68%	10.201%
5	5.340	1316	1334	1361	rBV	104865	243160	28.49%	4.954%
6	5.867	1504	1523	1548	rBV2	91841	212495	24.90%	4.329%
7	6.149	1605	1624	1652	rBV2	289011	670673	78.59%	13.663%
8	7.844	2212	2232	2278	rBV2	377410	853417	100.00%	17.386%
9	8.129	2311	2334	2360	rVB3	32270	89218	10.45%	1.818%
10	9.693	2876	2895	2929	rBV2	321610	734520	86.07%	14.963%
11	11.099	3382	3399	3411	rBV5	42913	92310	10.82%	1.881%
12	11.166	3411	3423	3448	rVB2	272825	522137	61.18%	10.637%
13	12.362	3839	3852	3873	rBV	410073	679624	79.64%	13.845%
14	13.045	4083	4097	4115	rVB	26567	47889	5.61%	0.976%

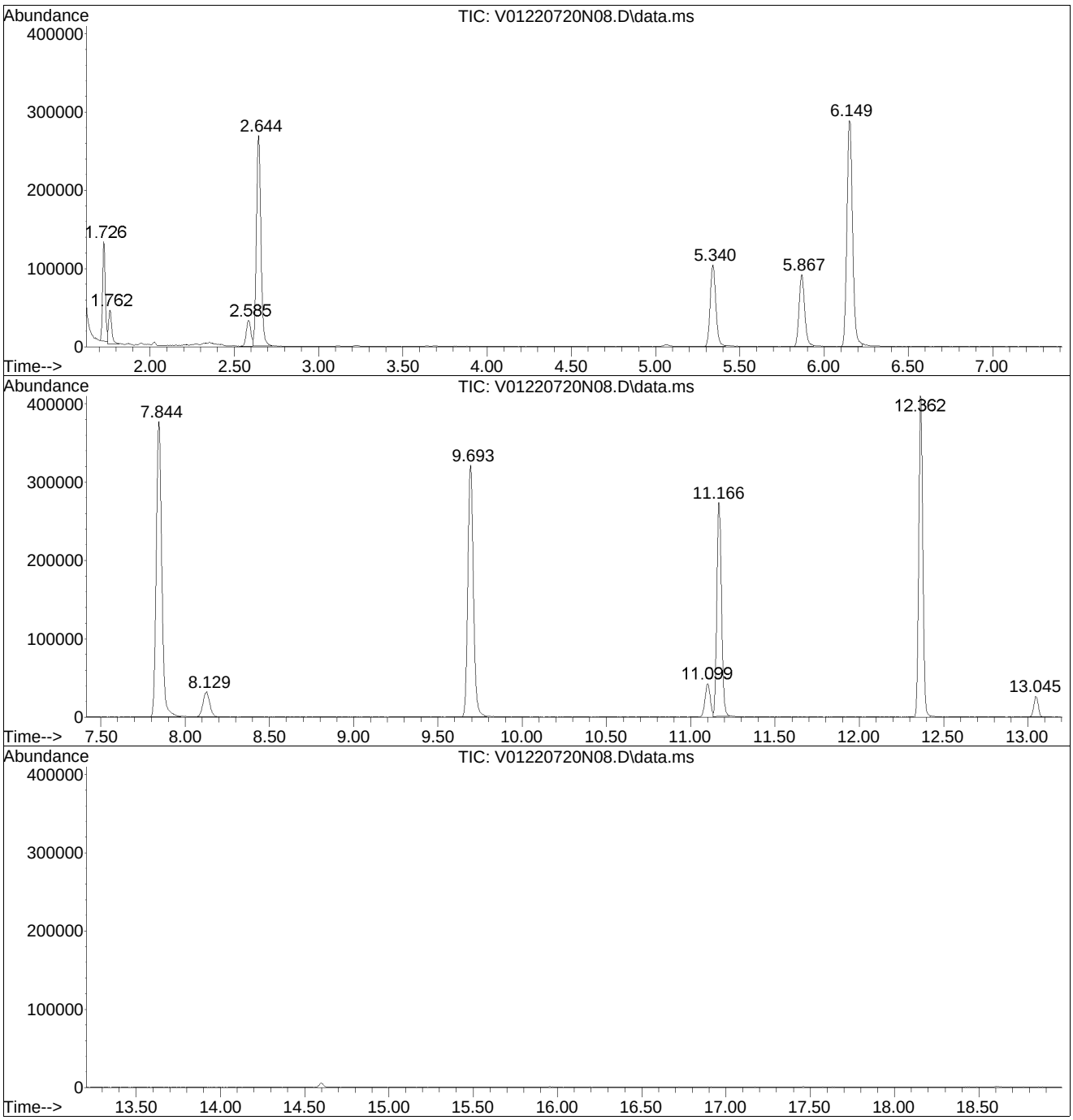
Sum of corrected areas: 4908763

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N08.D
Acq On : 20 Jul 2022 7:26 pm
Operator : VOA101:MV
Sample : L2237198-02,31,10,10,,A,PRI
Misc : WG1665617,ICAL19192
ALS Vial : 8 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N08.D
Acq On : 20 Jul 2022 7:26 pm
Operator : VOA101:MV
Sample : L2237198-02,31,10,10,,A,PRI
Misc : WG1665617,ICAL19192
ALS Vial : 8 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS

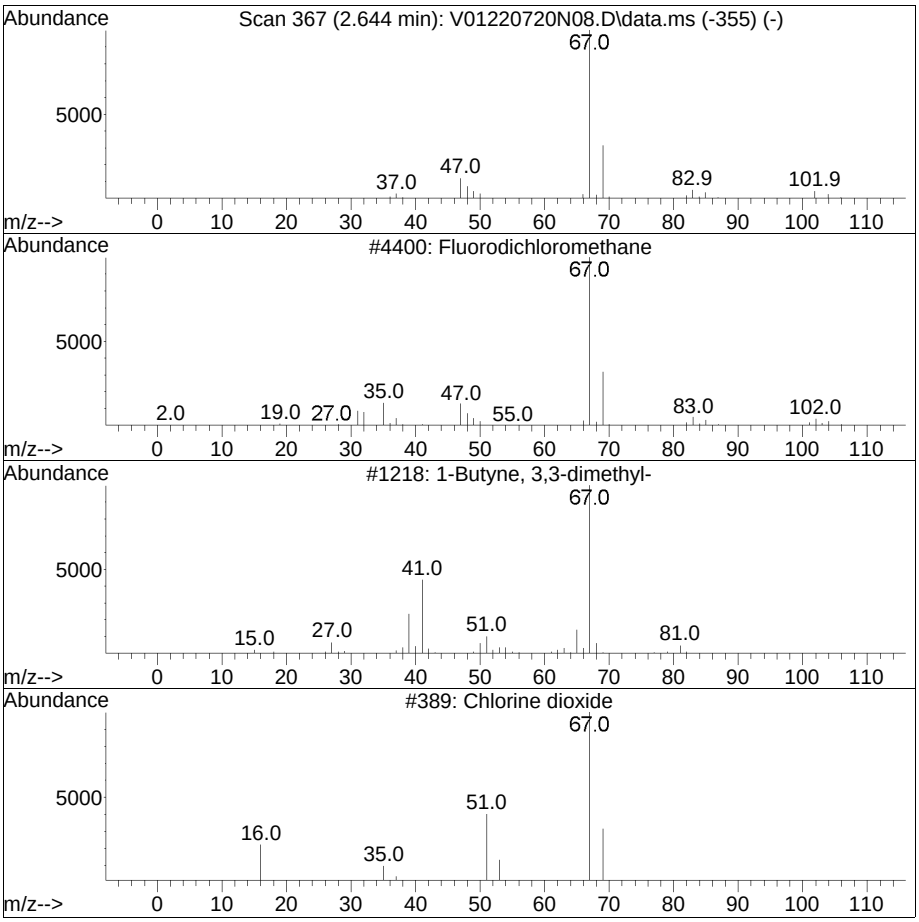
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

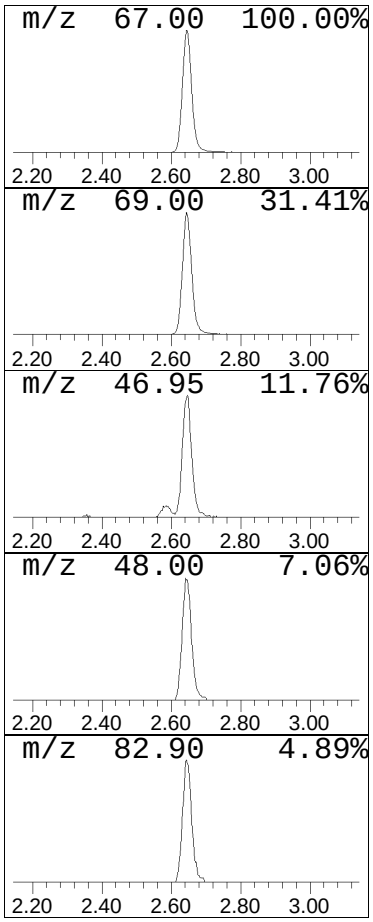
****

Peak Number 1 Fluorodichloromethane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.644	7.47 ug/L	500755	Fluorobenzene	6.149

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorodichloromethane	102	CHCl2F	000075-43-4	91
2	1-Butyne, 3,3-dimethyl-	82	C6H10	000917-92-0	7
3	Chlorine dioxide	67	ClO2	010049-04-4	5
4	Methanamine, N,N-difluoro-	67	CH3F2N	000753-58-2	5
5	1-Hexyne	82	C6H10	000693-02-7	4





Library Search Compound Report

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N08.D
Acq On : 20 Jul 2022 7:26 pm
Operator : VOA101:MV
Sample : L2237198-02,31,10,10,,A,PRI
Misc : WG1665617,ICAL19192
ALS Vial : 8 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS

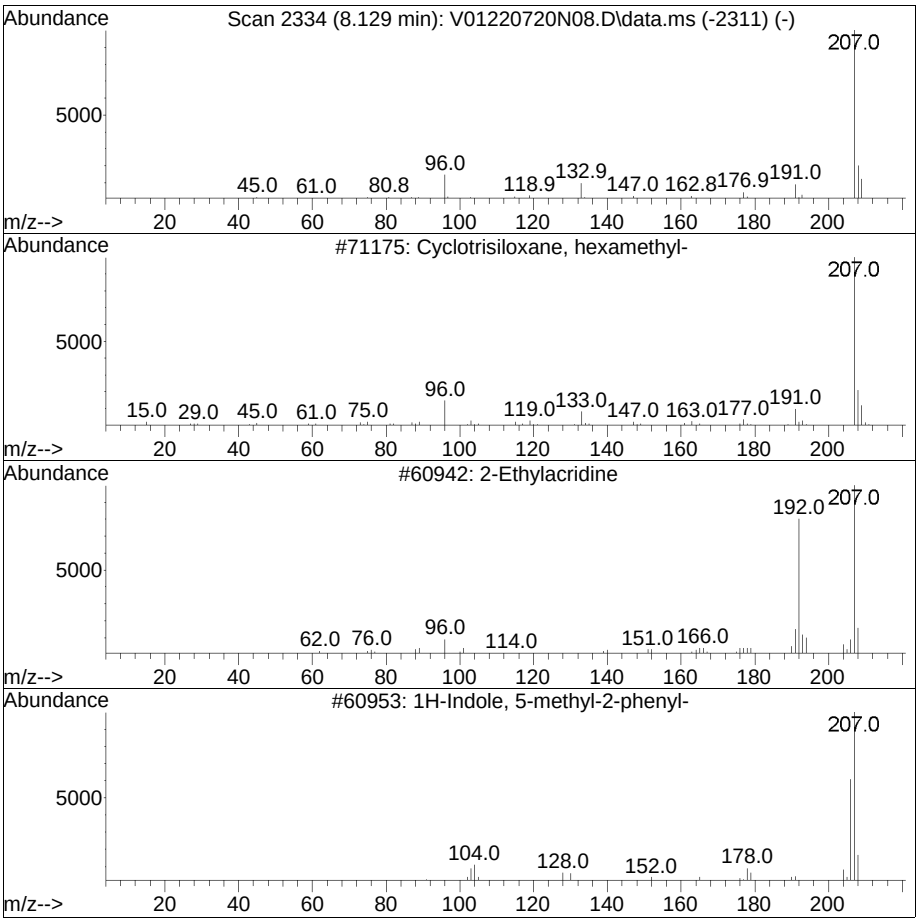
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

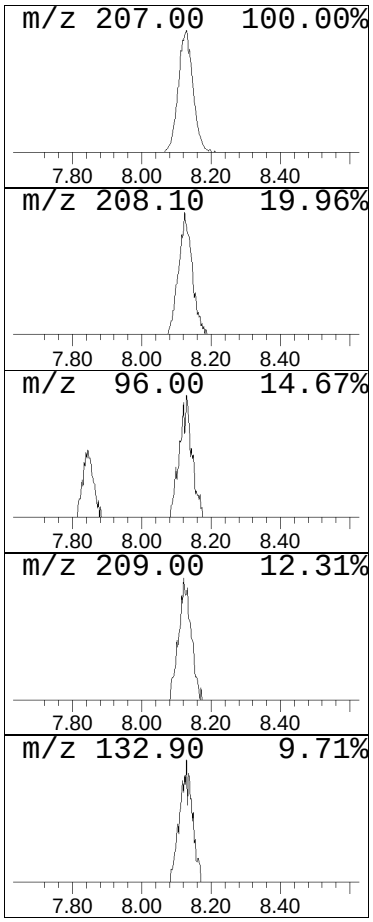
****

Peak Number 2 Cyclotrisiloxane, hexamethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.129	1.21 ug/L	89218	Chlorobenzene-d5	9.690

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	91
2	2-Ethylacridine	207	C15H13N	055751-83-2	45
3	1H-Indole, 5-methyl-2-phenyl-	207	C15H13N	013228-36-9	38
4	Anthracene, 9-ethyl-9,10-dihydro...	264	C20H24	1000154-57-7	38
5	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	38





Library Search Compound Report

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N08.D
Acq On : 20 Jul 2022 7:26 pm
Operator : VOA101:MV
Sample : L2237198-02,31,10,10,,A,PRI
Misc : WG1665617,ICAL19192
ALS Vial : 8 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS

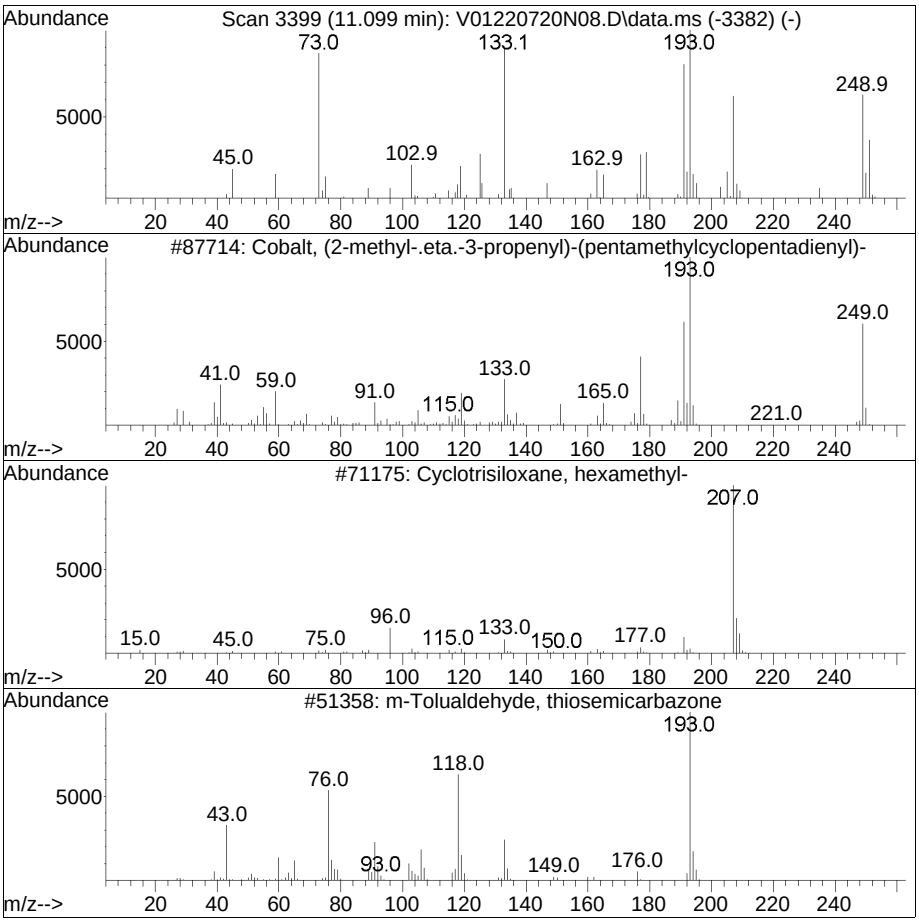
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

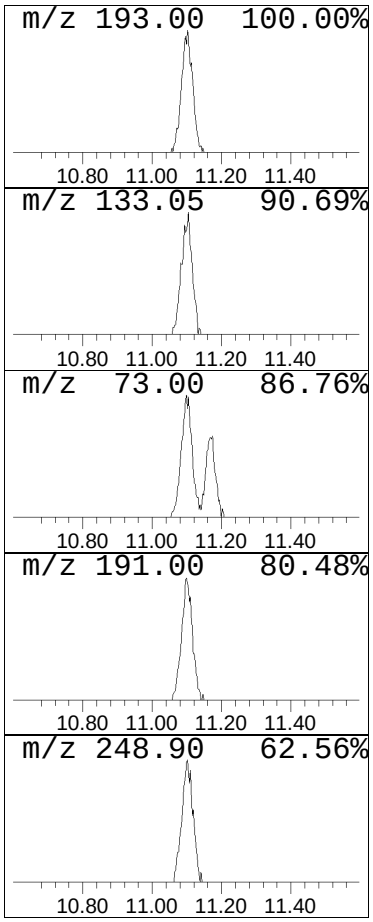
****

Peak Number 3 Unknown Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.099	1.36 ug/L	92310	1,4-Dichlorobenzene-d4	12.365

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cobalt, (2-methyl-.eta.-3-propen...	249	C14H22Co	1000157-04-3	64
2	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	27
3	m-Tolualdehyde, thiosemicarbazone	193	C9H11N3S	005706-82-1	18
4	1H-Indole, 2-phenyl-	193	C14H11N	000948-65-2	11
5	Benzo[f]quinoline, 3-methyl-	193	C14H11N	000085-06-3	11





Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N08.D
Acq On : 20 Jul 2022 7:26 pm
Operator : VOA101:MV
Sample : L2237198-02,31,10,10,,A,PRI
Misc : WG1665617,ICAL19192
ALS Vial : 8 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Fluorodichlorom...	2.644	7.5	ug/L	500755	1	6.149	670673	10.0
Cyclotrisiloxan...	8.129	1.2	ug/L	89218	2	9.690	734520	10.0
Unknown	11.099	1.4	ug/L	92310	3	12.365	679624	10.0

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N09.D
Acq On : 20 Jul 2022 7:49 pm
Operator : VOA101:MV
Sample : L2237198-01,31,10,10,,A,PRI
Misc : WG1665617,ICAL19192
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 21 08:12:26 2022
Quant Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 11:23:17 2022
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2022\220720N\V01220720N01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.152	96	294549	10.000	ug/L	0.00
Standard Area 1 = 326687			Recovery = 90.16%			
59) Chlorobenzene-d5	9.690	117	229368	10.000	ug/L	0.00
Standard Area 1 = 256877			Recovery = 89.29%			
79) 1,4-Dichlorobenzene-d4	12.365	152	105197	10.000	ug/L	0.00
Standard Area 1 = 124607			Recovery = 84.42%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.337	113	73648	9.901	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.01%			
43) 1,2-Dichloroethane-d4	5.870	65	73041	10.159	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.59%			
60) Toluene-d8	7.844	98	293557	9.977	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.77%			
83) 4-Bromofluorobenzene	11.168	95	102979	10.301	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.01%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.726	85	258282	31.447	ug/L	99
3) Chloromethane	1.918	50	539	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	2.317	94	953	0.586	ug/L #	78
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	2.585	101	418854	37.159	ug/L	100
8) Ethyl ether	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.120	76	995	N.D.		
15) Methylene chloride	3.631	84	366	N.D.		
17) Acetone	0.000		0	N.D. d		
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
20) Methyl tert-butyl ether	3.882	73	653	N.D.		
23) 1,1-Dichloroethane	4.372	63	208	N.D.		
25) Acrylonitrile	0.000		0	N.D.		
27) Vinyl acetate	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
29) 2,2-Dichloropropane	0.000		0	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
32) Chloroform	5.164	83	61	N.D.		

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N09.D
Acq On : 20 Jul 2022 7:49 pm
Operator : VOA101:MV
Sample : L2237198-01,31,10,10,,A,PRI
Misc : WG1665617,ICAL19192
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 21 08:12:26 2022
Quant Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 11:23:17 2022
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2022\220720N\V01220720N01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0	N.D.		
37) 1,1,1-Trichloroethane	5.365	97	430	N.D.		
39) 2-Butanone	0.000		0	N.D.	d	
40) 1,1-Dichloropropene	0.000		0	N.D.		
41) Benzene	5.745	78	458	N.D.		
44) 1,2-Dichloroethane	5.954	62	26	N.D.		
48) Trichloroethene	6.241	95	58	N.D.		
50) Dibromomethane	0.000		0	N.D.		
51) 1,2-Dichloropropane	0.000		0	N.D.		
54) Bromodichloromethane	0.000		0	N.D.		
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	0.000		0	N.D.		
61) Toluene	7.895	92	126	N.D.		
62) 4-Methyl-2-pentanone	0.000		0	N.D.		
63) Tetrachloroethene	0.000		0	N.D.		
65) trans-1,3-Dichloropropene	0.000		0	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D.		
69) Chlorodibromomethane	0.000		0	N.D.		
70) 1,3-Dichloropropane	0.000		0	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.		
72) 2-Hexanone	0.000		0	N.D.		
73) Chlorobenzene	9.710	112	1988	0.105	ug/L	# 24
74) Ethylbenzene	9.749	91	98	N.D.		
75) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
76) p/m Xylene	9.955	106	30	N.D.		
77) o Xylene	0.000		0	N.D.		
78) Styrene	0.000		0	N.D.		
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	0.000		0	N.D.		
84) Bromobenzene	0.000		0	N.D.		
85) n-Propylbenzene	0.000		0	N.D.		
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
88) 4-Ethyltoluene	0.000		0	N.D.		
89) 2-Chlorotoluene	0.000		0	N.D.		
90) 1,3,5-Trimethylbenzene	0.000		0	N.D.		
91) 1,2,3-Trichloropropane	0.000		0	N.D.		
92) trans-1,4-Dichloro-2-b...	0.000		0	N.D.		
93) 4-Chlorotoluene	11.701	91	25	N.D.		
94) tert-Butylbenzene	11.882	119	37	N.D.		

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N09.D
Acq On : 20 Jul 2022 7:49 pm
Operator : VOA101:MV
Sample : L2237198-01,31,10,10,,A,PRI
Misc : WG1665617,ICAL19192
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 21 08:12:26 2022
Quant Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 11:23:17 2022
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2022\220720N\V01220720N01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	11.977	105	26		N.D.	
98) sec-Butylbenzene	12.066	105	568		N.D.	
99) p-Isopropyltoluene	12.220	119	30		N.D.	
100) 1,3-Dichlorobenzene	12.301	146	169		N.D.	
101) 1,4-Dichlorobenzene	12.381	146	410		N.D.	
102) p-Diethylbenzene	12.476	119	25		N.D.	
103) n-Butylbenzene	12.666	91	316		N.D.	
104) 1,2-Dichlorobenzene	0.000		0		N.D.	d
105) 1,2,4,5-Tetramethylben...	13.385	119	33		N.D.	
106) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
108) Hexachlorobutadiene	0.000		0		N.D.	
109) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
110) Naphthalene	14.509	128	270		N.D.	
111) 1,2,3-Trichlorobenzene	0.000		0		N.D.	

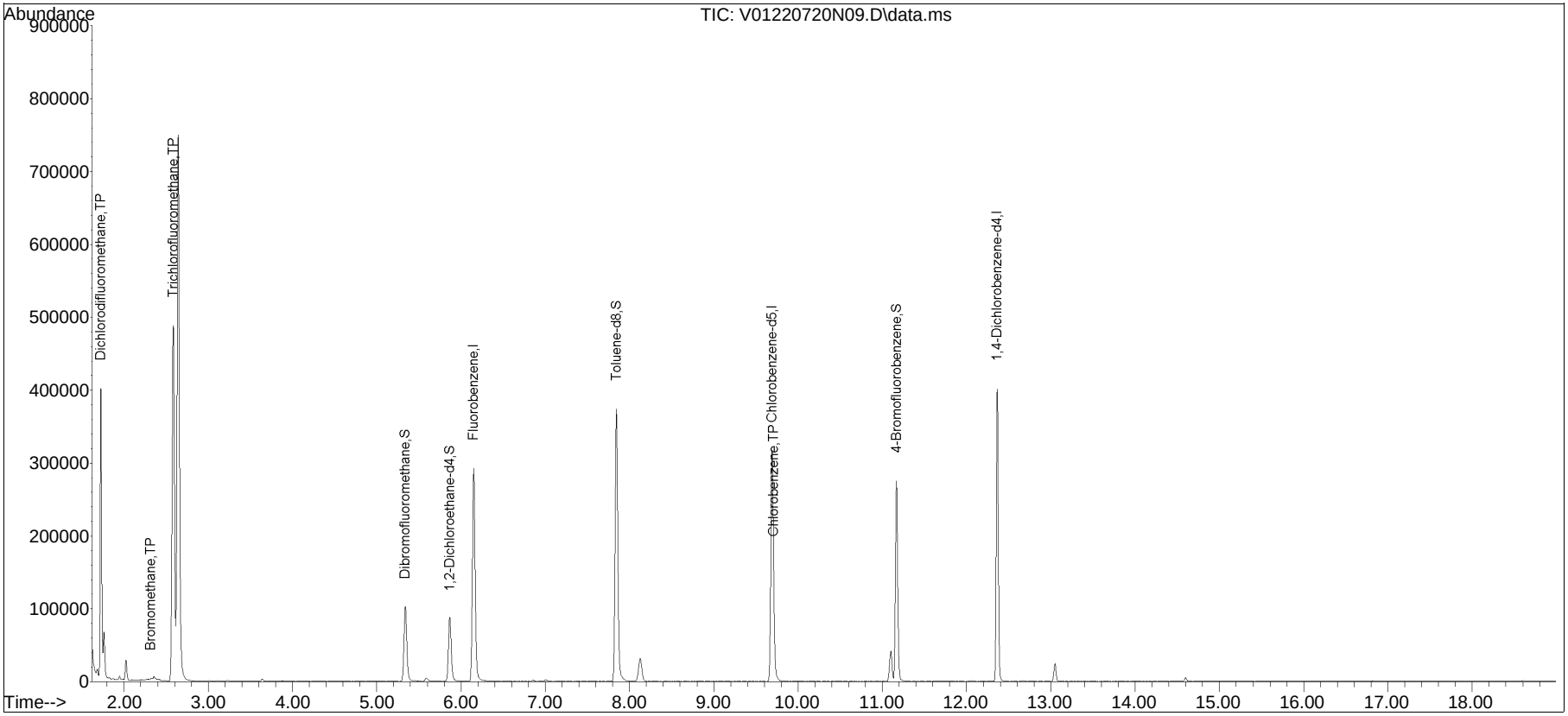
(#) = qualifier out of range (m) = manual integration (+) = signals summed

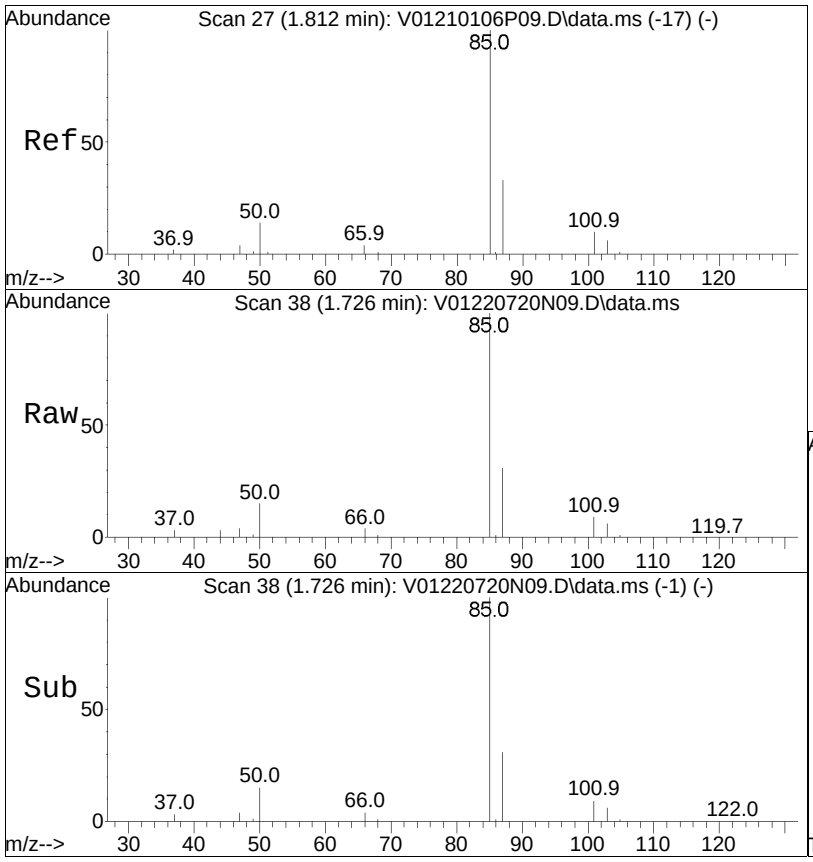
Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N09.D
Acq On : 20 Jul 2022 7:49 pm
Operator : VOA101:MV
Sample : L2237198-01,31,10,10,,A,PRI
Misc : WG1665617,ICAL19192
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 21 08:12:26 2022
Quant Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 11:23:17 2022
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox20720N\V01220720N01.D•

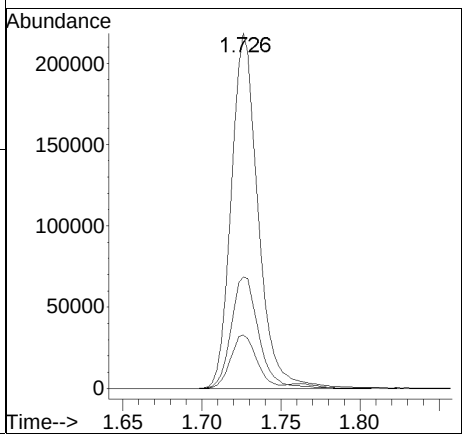


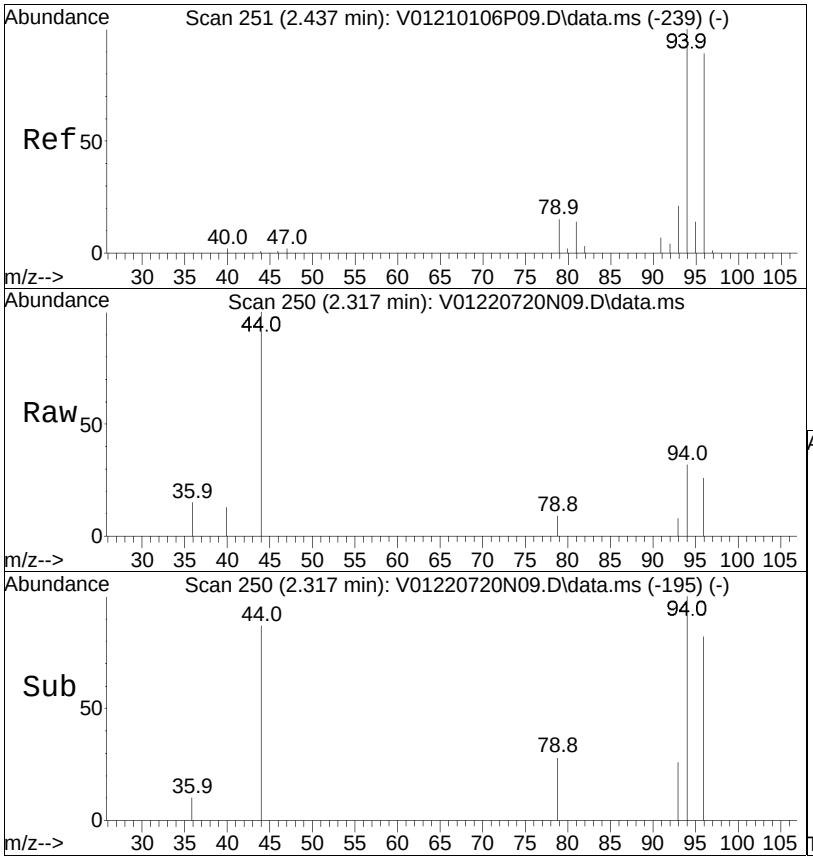


#2
Dichlorodifluoromethane
Concen: 31.45 ug/L
RT: 1.726 min Scan# 38
Delta R.T. 0.003 min
Lab File: V01220720N09.D
Acq: 20 Jul 2022 7:49 pm

Tgt Ion: 85 Resp: 258282

Ion	Ratio	Lower	Upper
85	100		
87	32.4	20.9	43.5
50	14.8	9.1	18.9

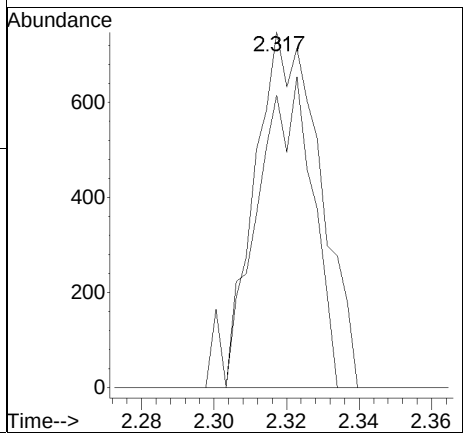


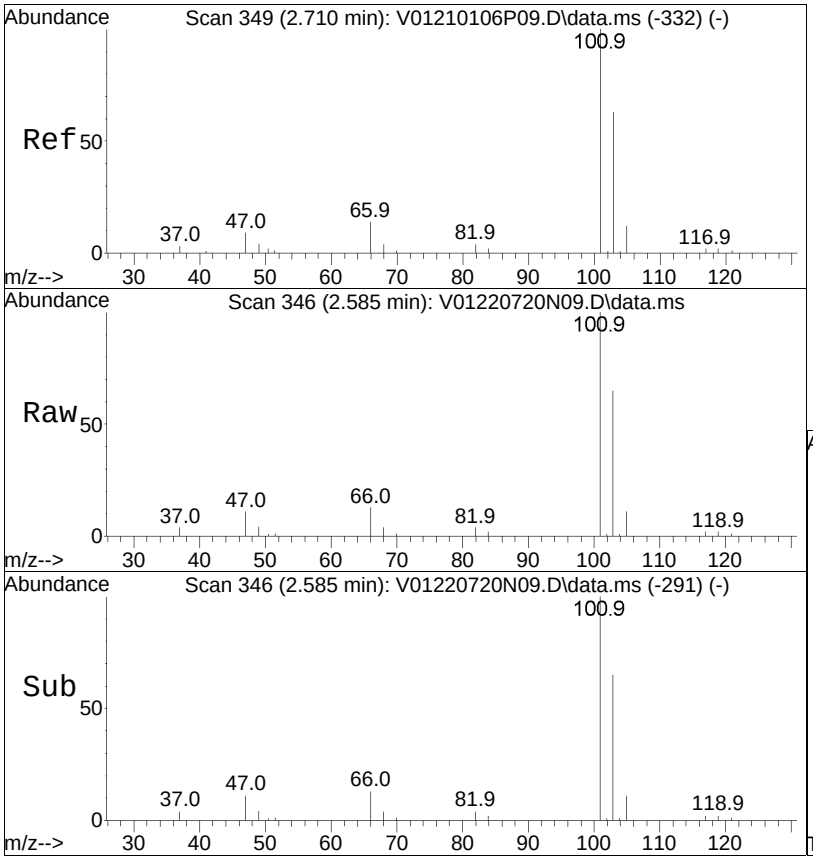


#5
Bromomethane
Concen: 0.59 ug/L
RT: 2.317 min Scan# 250
Delta R.T. 0.002 min
Lab File: V01220720N09.D
Acq: 20 Jul 2022 7:49 pm

Tgt Ion: 94 Resp: 953

Ion	Ratio	Lower	Upper
94	100		
96	72.5	73.6	113.6#

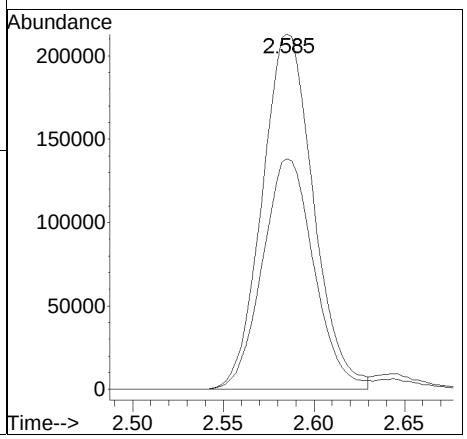


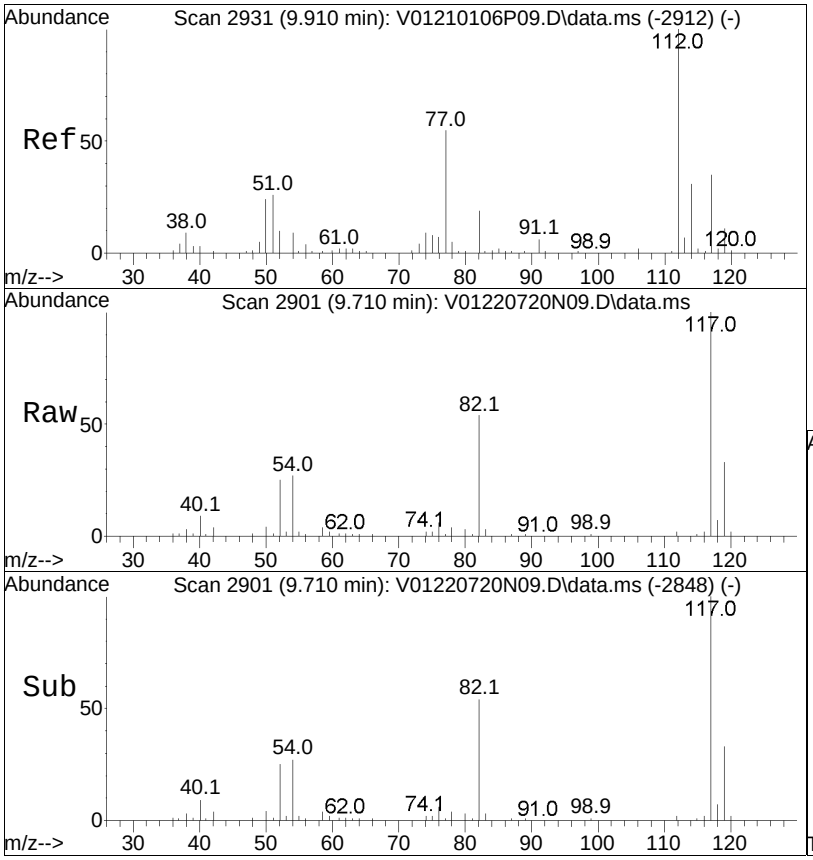


#7
Trichlorofluoromethane
Concen: 37.16 ug/L
RT: 2.585 min Scan# 346
Delta R.T. 0.003 min
Lab File: V01220720N09.D
Acq: 20 Jul 2022 7:49 pm

Tgt Ion:101 Resp: 418854

Ion	Ratio	Lower	Upper
101	100		
103	65.4	52.3	78.5

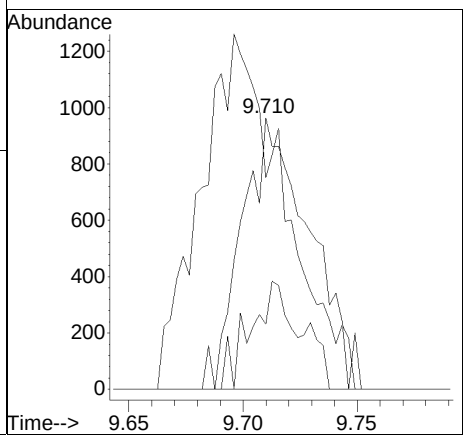




#73
Chlorobenzene
Concen: 0.11 ug/L
RT: 9.710 min Scan# 2901
Delta R.T. -0.003 min
Lab File: V01220720N09.D
Acq: 20 Jul 2022 7:49 pm

Tgt Ion:112 Resp: 1988

Ion	Ratio	Lower	Upper
112	100		
77	160.8	59.8	89.6#
114	23.2	25.4	38.2#



Manual Integration Report

Data Path	: I:\VOLATILES\VOA101\2022\2	Q Method	: V101_220719N_8260.m
Data File	: V01220720N09.D	Operator	: VOA101:MV
Date Inj'd	: 7/20/2022 7:49 pm	Instrument	: VOA 101
Sample	: L2237198-01,31,10,10,,A,PR	Quant Date	: 7/21/2022 6:06 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N09.D
Acq On : 20 Jul 2022 7:49 pm
Operator : VOA101:MV
Sample : L2237198-01,31,10,10,,A,PRI
Misc : WG1665617,ICAL19192
ALS Vial : 9 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V01220720N09.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.726	29	38	47	rBV	394034	457873	32.50%	6.579%
2	1.762	47	51	70	rVB	64268	78832	5.60%	1.133%
3	2.585	329	346	357	rBV	488106	951865	67.57%	13.678%
4	2.644	357	367	399	rVB	747995	1408753	100.00%	20.243%
5	5.340	1317	1334	1362	rBV	102534	239789	17.02%	3.446%
6	5.864	1503	1522	1550	rBV3	88843	208329	14.79%	2.994%
7	6.152	1604	1625	1667	rBV2	292485	663326	47.09%	9.532%
8	7.844	2213	2232	2284	rBV	373699	833938	59.20%	11.983%
9	8.126	2309	2333	2360	rBV4	31948	86460	6.14%	1.242%
10	9.690	2875	2894	2931	rBV2	317369	724859	51.45%	10.416%
11	11.101	3384	3400	3411	rBV6	41820	86780	6.16%	1.247%
12	11.168	3411	3424	3454	rVB	274987	510535	36.24%	7.336%
13	12.365	3837	3853	3875	rBV2	401431	662435	47.02%	9.519%
14	13.051	4082	4099	4114	rBV	25481	45351	3.22%	0.652%

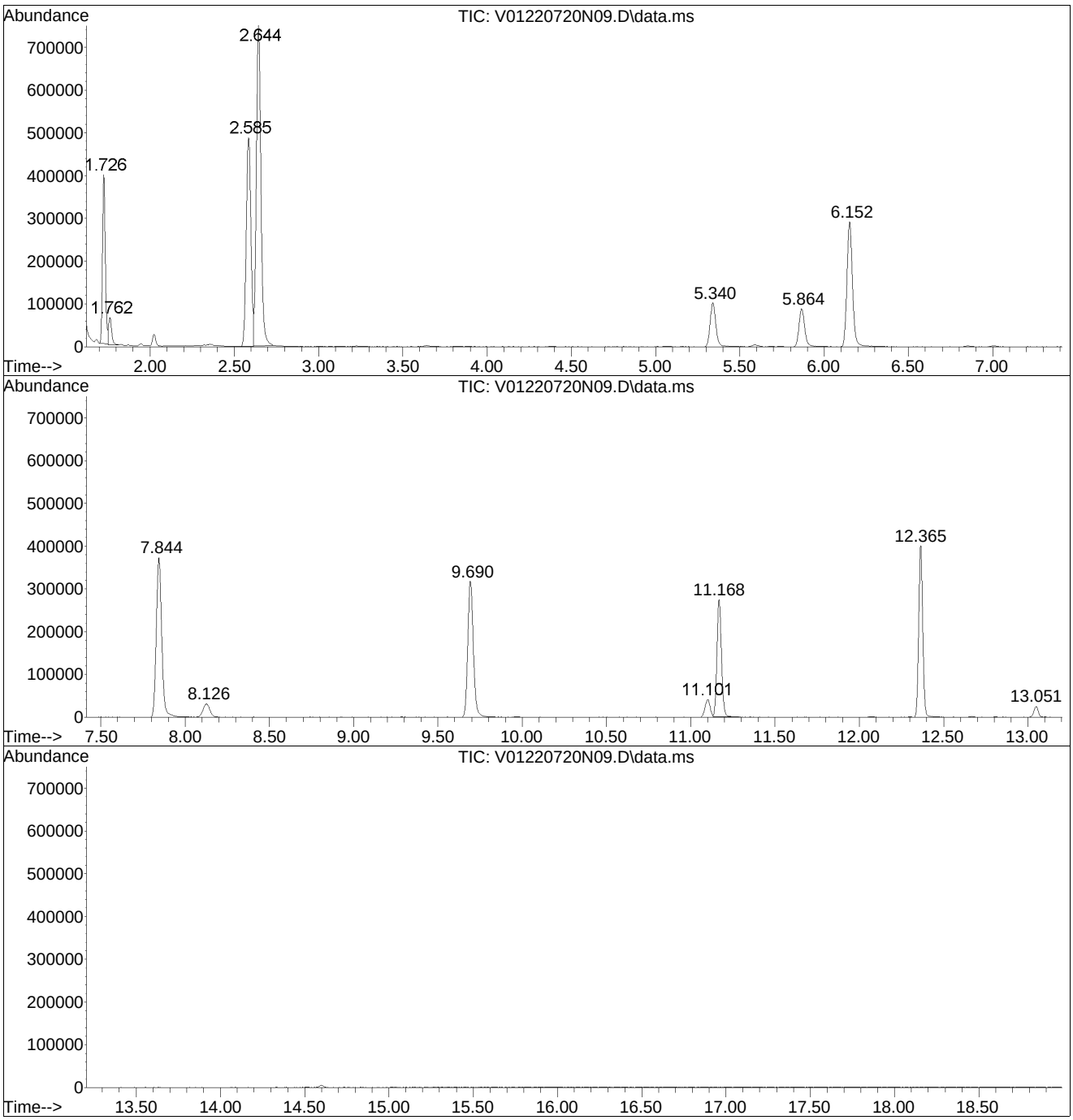
Sum of corrected areas: 6959125

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N09.D
Acq On : 20 Jul 2022 7:49 pm
Operator : VOA101:MV
Sample : L2237198-01,31,10,10,,A,PRI
Misc : WG1665617,ICAL19192
ALS Vial : 9 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N09.D
Acq On : 20 Jul 2022 7:49 pm
Operator : VOA101:MV
Sample : L2237198-01,31,10,10,,A,PRI
Misc : WG1665617,ICAL19192
ALS Vial : 9 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS

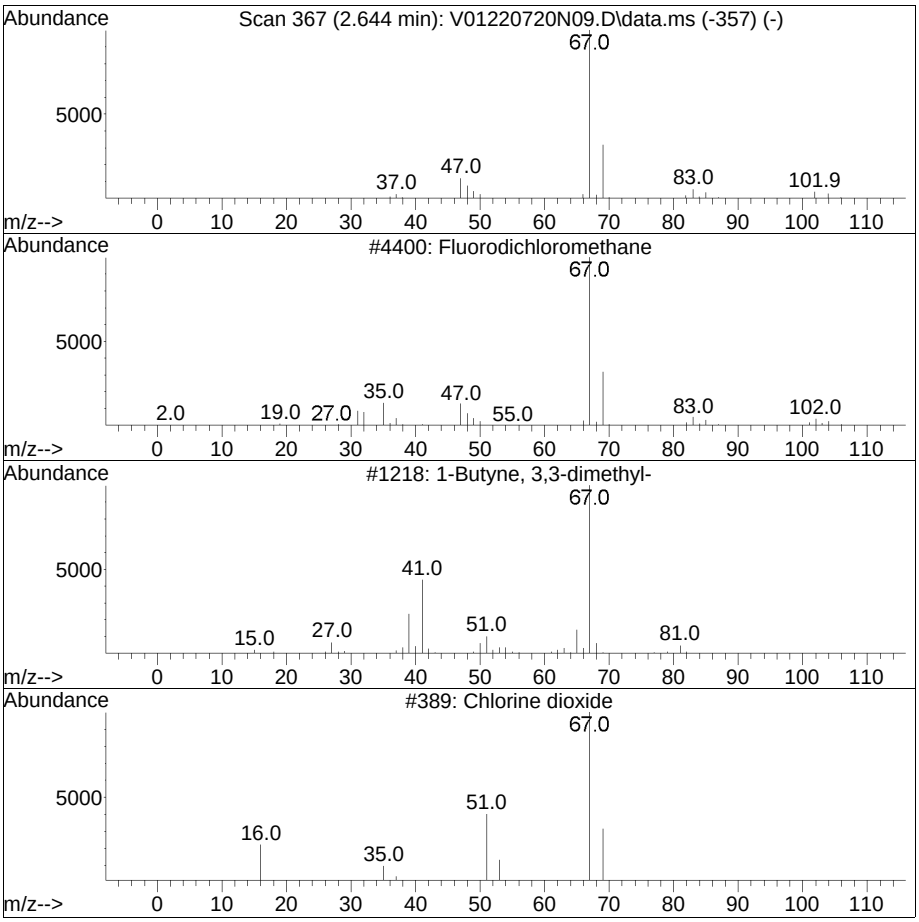
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

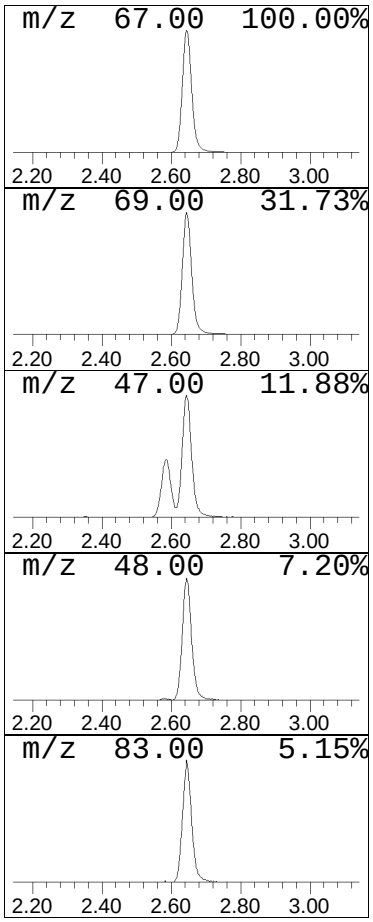
****

Peak Number 1 Fluorodichloromethane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.644	21.24 ug/L	1408750	Fluorobenzene	6.152

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorodichloromethane	102	CHCl2F	000075-43-4	91
2	1-Butyne, 3,3-dimethyl-	82	C6H10	000917-92-0	7
3	Chlorine dioxide	67	ClO2	010049-04-4	5
4	Methanamine, N,N-difluoro-	67	CH3F2N	000753-58-2	5
5	1-Hexyne	82	C6H10	000693-02-7	4





Library Search Compound Report

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N09.D
Acq On : 20 Jul 2022 7:49 pm
Operator : VOA101:MV
Sample : L2237198-01,31,10,10,,A,PRI
Misc : WG1665617,ICAL19192
ALS Vial : 9 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS

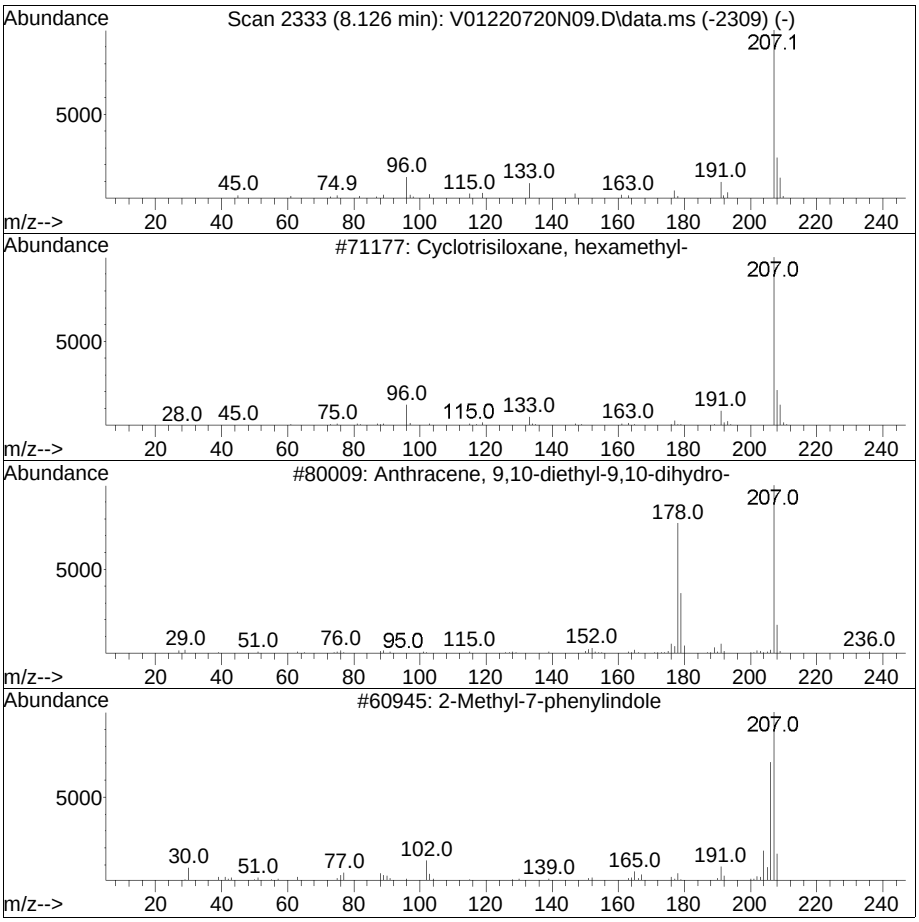
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

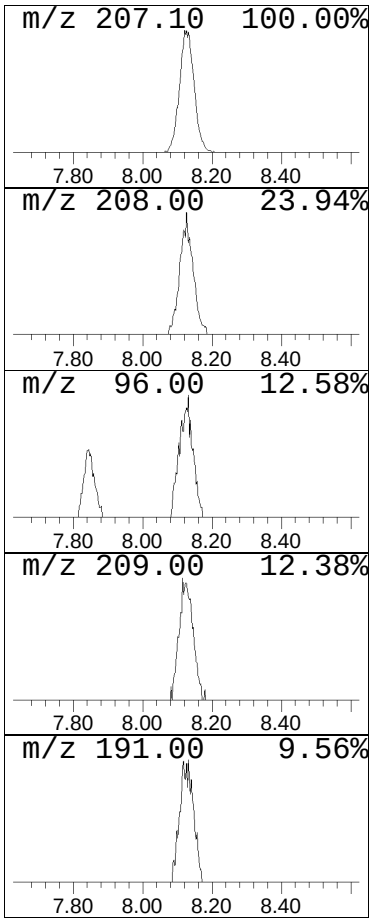
****

Peak Number 2 Cyclotrisiloxane, hexamethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.126	1.19 ug/L	86460	Chlorobenzene-d5	9.690

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	90
2	Anthracene, 9,10-diethyl-9,10-di...	236	C18H20	046868-29-5	38
3	2-Methyl-7-phenylindole	207	C15H13N	001140-08-5	9
4	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	9
5	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	9





Library Search Compound Report

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N09.D
Acq On : 20 Jul 2022 7:49 pm
Operator : VOA101:MV
Sample : L2237198-01,31,10,10,,A,PRI
Misc : WG1665617,ICAL19192
ALS Vial : 9 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS

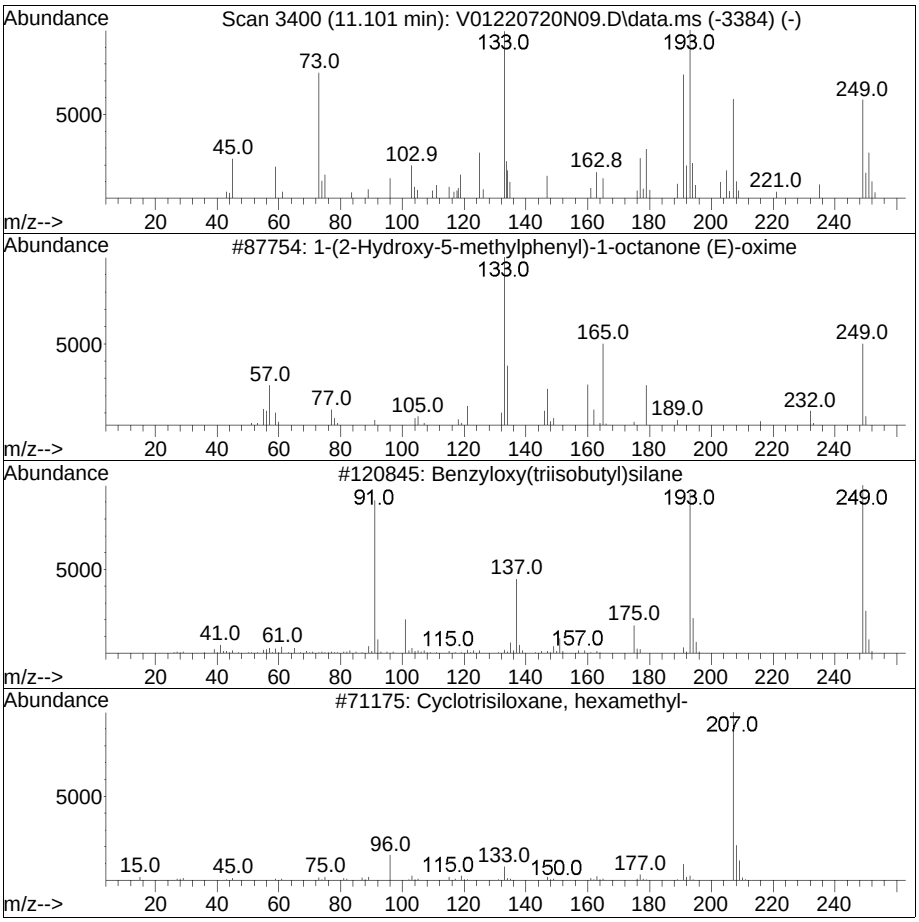
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

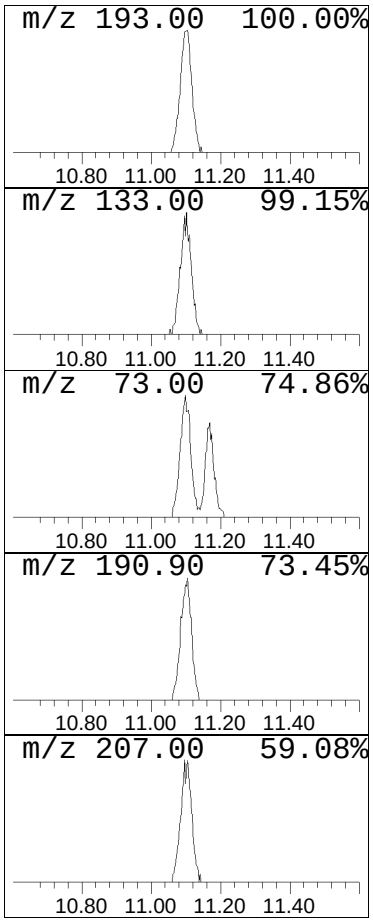
****

Peak Number 3 Unknown Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.102	1.31 ug/L	86780	1,4-Dichlorobenzene-d4	12.365

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(2-Hydroxy-5-methylphenyl)-1-o...	249	C15H23NO2	1000146-16-7	25
2	Benzyloxy(triisobutyl)silane	306	C19H34OSi	1000282-18-0	22
3	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	22
4	2,3,4,4a,5,6,7,8,10,10a-Decahydr...	193	C12H19NO	1000194-39-3	22
5	Benzeneacetonitrile, .alpha.-phe...	193	C14H11N	000086-29-3	18





Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N09.D
Acq On : 20 Jul 2022 7:49 pm
Operator : VOA101:MV
Sample : L2237198-01,31,10,10,,A,PRI
Misc : WG1665617,ICAL19192
ALS Vial : 9 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	# RT	Resp	Conc
Fluorodichlorom...	2.644	21.2	ug/L	1408750	1 6.152	663326	10.0
Cyclotrisiloxan...	8.126	1.2	ug/L	86460	2 9.690	724859	10.0
Unknown	11.102	1.3	ug/L	86780	3 12.365	662435	10.0

Volatiles Standards Data

Initial Calibration

Initial Calibration Summary
Form 6
Volatiles

Client	**: Soils Engineering Services, Inc.**	**Lab Number**	**: L2237198**
Project Name	**: GROSSINGERS**	**Project Number**	**: 9313**
Instrument ID	**: VOA101**	**Ical Ref**	**: ICAL19192**
Calibration dates	**: 07/19/22 20:38 07/20/22 00:34**		

Calibration Files
L11 =V01220719N04.D L1 =V01220719N07.D L2 =V01220719N09.D L3 =V01220719N10.D L4 =V01220719N11.D
L6 =V01220719N12.D L8 =V01220719N13.D L10 =V01220719N14.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1)	I	Fluorobenzene	ISTD									
2)	TP	Dichlorodifluo		0.207	0.300	0.294	0.289	0.299	0.283	0.280	0.279	11.75
3)	TP	Chloromethane		0.442	0.496	0.456	0.438	0.431	0.428	0.434	0.447	5.28
4)	TC	Vinyl chloride	0.305	0.243	0.342	0.338	0.340	0.351	0.345	0.339	0.325	11.08
5)	TP	Bromomethane		0.071	0.096	0.108	0.134	0.163	0.163		*Q	0.9977
6)	TP	Chloroethane		0.168	0.208	0.198	0.194	0.195	0.180	0.161	0.186	9.10
7)	TP	Trichlorofluor		0.291	0.399	0.401	0.399	0.408	0.394	0.387	0.383	10.75
8)	TP	Ethyl ether		0.070	0.086	0.080	0.088	0.080	0.086	0.086	0.082	7.71
10)	TC	1,1-Dichloroet		0.164	0.223	0.222	0.227	0.231	0.227	0.226	0.217	10.92
11)	TP	Carbon disulfide		0.524	0.594	0.582	0.593	0.626	0.609	0.616	0.592	5.67
12)	TP	Freon-113		0.183	0.252	0.249	0.250	0.255	0.247	0.244	0.240	10.59
13)	TP	Iodomethane			0.255	0.305	0.341	0.344	0.279	0.262	0.298	13.05
14)	TP	Acrolein			0.018	0.018	0.022	0.019	0.022	0.022	0.020	10.43
15)	TP	Methylene chlo			0.258	0.224	0.224	0.213	0.215	0.214	0.225	7.60
17)	TP	Acetone			0.067	0.048	0.048	0.042	0.049	0.047	0.050	16.94
18)	TP	trans-1,2-Dich		0.190	0.242	0.240	0.246	0.249	0.246	0.242	0.237	8.75
19)	TP	Methyl acetate			0.134	0.088	0.092	0.079	0.088	0.089	*L	0.9972
20)	TP	Methyl tert butyl ether		0.326	0.380	0.372	0.417	0.377	0.391	0.369	0.376	7.25
21)	TP	tert-Butyl alc			0.008	0.008	0.009	0.008	0.007	0.007	0.008#	7.35
22)	TP	Diisopropyl ether		0.803	0.952	0.978	1.041	0.996	0.989	0.979	0.963	7.85
23)	TP	1,1-Dichloroet		0.433	0.544	0.535	0.546	0.539	0.527	0.517	0.520	7.63
24)	TP	Halothane		0.145	0.197	0.195	0.200	0.202	0.197	0.196	0.190	10.54
25)	TP	Acrylonitrile			0.040	0.040	0.047	0.041	0.047	0.048	0.044	8.43
26)	TP	Ethyl tert-but		0.574	0.666	0.682	0.750	0.702	0.720	0.711	0.686	8.20
27)	TP	Vinyl acetate			0.339	0.346	0.450	0.397	0.429	0.431	0.398	11.70
28)	TP	cis-1,2-Dichlo		0.211	0.259	0.256	0.265	0.259	0.260	0.259	0.253	7.37
29)	TP	2,2-Dichloropr		0.264	0.335	0.319	0.350	0.353	0.294	0.273	0.313	11.56
30)	TP	Bromochloromet		0.075	0.096	0.095	0.101	0.090	0.085	0.082	0.089#	10.20
31)	TP	Cyclohexane		0.406	0.587	0.615	0.616	0.639	0.612	0.611	0.584	13.64
32)	TC	Chloroform		0.352	0.438	0.421	0.433	0.426	0.424	0.422	0.416	6.97
33)	TP	Ethyl acetate			0.116	0.124	0.141	0.124	0.139	0.137	0.130	7.94
34)	TP	Carbon tetrachloride	0.305	0.281	0.356	0.361	0.373	0.385	0.377	0.375	0.352	10.79
35)	TP	Tetrahydrofuran			0.048	0.041	0.044	0.036	0.041	0.041	0.042	9.34
36)	S	Dibromofluoromethane	0.249	0.251	0.255	0.249	0.257	0.248	0.256	0.256	0.253	1.52
37)	TP	1,1,1-Trichlor		0.289	0.377	0.377	0.387	0.394	0.386	0.380	0.370	9.78
39)	TP	2-Butanone			0.046	0.049	0.059	0.053	0.058	0.058	0.054	10.27

Initial Calibration Summary
Form 6
Volatiles

Client	**: Soils Engineering Services, Inc.**	**Lab Number**	**: L2237198**
Project Name	**: GROSSINGERS**	**Project Number**	**: 9313**
Instrument ID	**: VOA101**	**Ical Ref**	**: ICAL19192**
Calibration dates	**: 07/19/22 20:38 07/20/22 00:34**		

Calibration Files
L11 =V01220719N04.D L1 =V01220719N07.D L2 =V01220719N09.D L3 =V01220719N10.D L4 =V01220719N11.D
L6 =V01220719N12.D L8 =V01220719N13.D L10 =V01220719N14.D

	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
40) TP	1,1-Dichloropr		0.242	0.341	0.345	0.356	0.366	0.356	0.353	0.337	12.62
41) TP	Benzene	0.957	0.792	0.985	0.989	1.009	1.010	0.997	0.996	0.967	7.49
42) TP	Tertiary-Amyl Methyl Ether		0.323	0.414	0.413	0.466	0.430	0.461	0.461	0.424	11.82
43) S	1,2-Dichloroethane-d4	0.247	0.241	0.251	0.236	0.249	0.231	0.250	0.248	0.244	3.06
44) TP	1,2-Dichloroet		0.241	0.283	0.256	0.278	0.252	0.267	0.261	0.263	5.58
47) TP	Methyl cyclohe		0.290	0.398	0.408	0.416	0.439	0.425	0.434	0.401	12.70
48) TP	Trichloroethene	0.226	0.206	0.266	0.265	0.264	0.269	0.263	0.263	0.253	9.35
50) TP	Dibromomethane		0.082	0.100	0.095	0.101	0.091	0.098	0.095	0.095	7.08
51) TC	1,2-Dichloropr		0.223	0.279	0.273	0.290	0.280	0.284	0.283	0.273	8.28
53) TP	2-Chloroethyl			0.006	0.010	0.012	0.011	0.010	0.009	*Q	0.9991
54) TP	Bromodichlorom		0.231	0.274	0.276	0.295	0.287	0.297	0.297	0.279#	8.41
57) TP	1,4-Dioxane		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001#	12.77
58) TP	cis-1,3-Dichlo		0.252	0.296	0.305	0.352	0.338	0.347	0.348	0.320	11.61
59) I	Chlorobenzene-d5	----------ISTD----------									
60) S	Toluene-d8	1.275	1.290	1.287	1.305	1.277	1.296	1.263	1.270	1.283	1.11
61) TC	Toluene		0.624	0.812	0.803	0.819	0.827	0.800	0.809	0.785	9.10
62) TP	4-Methyl-2-pen			0.048	0.053	0.062	0.056	0.062	0.062	0.057	10.35
63) TP	Tetrachloroethene		0.278	0.347	0.356	0.360	0.363	0.349	0.350	0.343	8.59
65) TP	trans-1,3-Dich		0.209	0.282	0.292	0.340	0.321	0.335	0.338	0.302	15.56
67) TP	Ethyl methacry			0.176	0.190	0.228	0.212	0.232	0.238	0.213	11.69
68) TP	1,1,2-Trichlor		0.128	0.150	0.142	0.151	0.135	0.143	0.145	0.142#	5.84
69) TP	Chlorodibromom		0.170	0.212	0.212	0.235	0.218	0.231	0.236	0.216	10.57
70) TP	1,3-Dichloropr		0.269	0.320	0.308	0.329	0.297	0.312	0.314	0.307	6.37
71) TP	1,2-Dibromoethane		0.114	0.163	0.156	0.171	0.154	0.163	0.163	0.155#	12.21
72) TP	2-Hexanone		0.071	0.091	0.098	0.114	0.104	0.114	0.112	0.101	15.52
73) TP	Chlorobenzene		0.722	0.846	0.840	0.851	0.834	0.822	0.837	0.822	5.46
74) TC	Ethylbenzene		1.216	1.493	1.540	1.579	1.608	1.554	1.585	1.511	8.95
75) TP	1,1,1,2-Tetrac		0.212	0.272	0.280	0.293	0.288	0.290	0.296	0.276	10.67
76) TP	p/m Xylene		0.415	0.569	0.597	0.612	0.624	0.606	0.613	0.576	12.76
77) TP	o Xylene		0.405	0.542	0.560	0.571	0.577	0.563	0.571	0.542	11.29
78) TP	Styrene		0.566	0.776	0.845	0.894	0.887	0.890	0.902	0.823	14.77
79) I	1,4-Dichlorobenzene-d4	----------ISTD----------									
80) TP	Bromoform		0.176	0.215	0.214	0.237	0.223	0.242	0.247	0.222	10.89
82) TP	Isopropylbenzene		2.182	2.927	3.105	3.142	3.270	3.132	3.167	2.989	12.39
83) S	4-Bromofluorobenzene	0.982	0.965	0.947	0.943	0.945	0.939	0.947	0.934	0.950	1.65
84) TP	Bromobenzene		0.537	0.627	0.632	0.648	0.632	0.633	0.637	0.621	6.02

Initial Calibration Summary
Form 6
Volatiles

Client	**: Soils Engineering Services, Inc.**	**Lab Number**	**: L2237198**
Project Name	**: GROSSINGERS**	**Project Number**	**: 9313**
Instrument ID	**: VOA101**	**Ical Ref**	**: ICAL19192**
Calibration dates	**: 07/19/22 20:38 07/20/22 00:34**		

Calibration Files
L11 =V01220719N04.D L1 =V01220719N07.D L2 =V01220719N09.D L3 =V01220719N10.D L4 =V01220719N11.D
L6 =V01220719N12.D L8 =V01220719N13.D L10 =V01220719N14.D

	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
85) TP	n-Propylbenzene		2.616	3.359	3.549	3.596	3.748	3.591	3.611	3.439	11.07
86) TP	1,4-Dichlorobu		0.662	0.783	0.751	0.788	0.721	0.761	0.759	0.746	5.77
87) TP	1,1,2,2-Tetrac		0.312	0.349	0.336	0.363	0.326	0.350	0.351	0.341	5.14
88) TP	4-Ethyltoluene		2.035	2.742	2.895	2.971	3.079	2.967	2.986	2.811	12.72
89) TP	2-Chlorotoluene		1.762	2.006	2.078	2.096	2.144	2.069	2.085	2.034	6.23
90) TP	1,3,5-Trimethy		1.744	2.303	2.410	2.451	2.544	2.451	2.470	2.339	11.63
91) TP	1,2,3-Trichlor		0.266	0.314	0.296	0.300	0.273	0.295	0.298	0.292	5.72
92) TP	trans-1,4-Dich			0.119	0.114	0.126	0.116	0.126	0.125	0.121	4.51
93) TP	4-Chlorotoluene		1.590	2.013	2.061	2.110	2.159	2.095	2.119	2.021	9.68
94) TP	tert-Butylbenzene		1.395	1.870	2.012	2.036	2.140	2.052	2.060	1.938	13.03
97) TP	1,2,4-Trimethy		1.576	2.134	2.314	2.374	2.444	2.359	2.378	2.226	13.59
98) TP	sec-Butylbenzene		1.908	2.675	2.827	2.849	3.009	2.872	2.896	2.719	13.66
99) TP	p-Isopropyltol		1.499	2.128	2.318	2.404	2.528	2.413	2.431	2.246	15.67
100) TP	1,3-Dichlorobe		0.994	1.166	1.183	1.216	1.226	1.203	1.212	1.171	6.90
101) TP	1,4-Dichlorobe		1.088	1.185	1.159	1.202	1.195	1.182	1.184	1.171	3.33
102) TP	p-Diethylbenzene		0.850	1.151	1.279	1.327	1.408	1.354	1.367	1.248	15.55
103) TP	n-Butylbenzene		1.328	1.758	1.832	1.883	2.004	1.915	1.931	1.807	12.46
104) TP	1,2-Dichlorobe		0.890	1.004	0.982	1.025	0.990	0.998	1.000	0.984	4.41
105) TP	1,2,4,5-Tetram		1.153	1.469	1.672	1.803	1.887	1.835	1.870	1.670	16.21
106) TP	1,2-Dibromo-3-			0.041	0.039	0.046	0.041	0.046	0.046	0.043	7.48
107) TP	1,3,5-Trichlor		0.510	0.622	0.627	0.648	0.663	0.648	0.659	0.625	8.52
108) TP	Hexachlorobuta		0.170	0.224	0.220	0.226	0.247	0.237	0.244	0.224	11.56
109) TP	1,2,4-Trichlor		0.363	0.433	0.434	0.483	0.485	0.491	0.498	0.455	10.67
110) TP	Naphthalene		0.516	0.623	0.628	0.752	0.703	0.763	0.774	0.680	13.99
111) TP	1,2,3-Trichlor		0.282	0.330	0.310	0.344	0.330	0.343	0.344	0.326#	7.02

Response Factor Report VOA 101

Method Path : I:\VOLATILES\VOA101\2022\220719NICAL\
Method File : V101_220719N_8260.m
Title : VOLATILES BY GC/MS
Last Update : Wed Jul 20 11:23:17 2022
Response Via : Initial Calibration

Calibration Files
L11 =V01220719N04.D L1 =V01220719N07.D L2 =V01220719N09.D L3 =V01220719N10.D L4 =V01220719N11.D
L6 =V01220719N12.D L8 =V01220719N13.D L10 =V01220719N14.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1)	I	Fluorobenzene	ISTD									
2)	TP	Dichlorodifluo...		0.207	0.300	0.294	0.289	0.299	0.283	0.280	0.279	11.75
3)	TP	Chloromethane		0.442	0.496	0.456	0.438	0.431	0.428	0.434	0.447	5.28
4)	TC	Vinyl chloride	0.305	0.243	0.342	0.338	0.340	0.351	0.345	0.339	0.325	11.08
5)	TP	Bromomethane		0.071	0.096	0.108	0.134	0.163	0.163		*Q	0.9977
6)	TP	Chloroethane		0.168	0.208	0.198	0.194	0.195	0.180	0.161	0.186	9.10
7)	TP	Trichlorofluor...		0.291	0.399	0.401	0.399	0.408	0.394	0.387	0.383	10.75
8)	TP	Ethyl ether		0.070	0.086	0.080	0.088	0.080	0.086	0.086	0.082	7.71
10)	TC	1,1-Dichloroet...		0.164	0.223	0.222	0.227	0.231	0.227	0.226	0.217	10.92
11)	TP	Carbon disulfide		0.524	0.594	0.582	0.593	0.626	0.609	0.616	0.592	5.67
12)	TP	Freon-113		0.183	0.252	0.249	0.250	0.255	0.247	0.244	0.240	10.59
13)	TP	Iodomethane			0.255	0.305	0.341	0.344	0.279	0.262	0.298	13.05
14)	TP	Acrolein			0.018	0.018	0.022	0.019	0.022	0.022	0.020	10.43
15)	TP	Methylene chlo...			0.258	0.224	0.224	0.213	0.215	0.214	0.225	7.60
17)	TP	Acetone			0.067	0.048	0.048	0.042	0.049	0.047	0.050	16.94
18)	TP	trans-1,2-Dich...		0.190	0.242	0.240	0.246	0.249	0.246	0.242	0.237	8.75
19)	TP	Methyl acetate			0.134	0.088	0.092	0.079	0.088	0.089	*L	0.9972
20)	TP	Methyl tert-bu...		0.326	0.380	0.372	0.417	0.377	0.391	0.369	0.376	7.25
21)	TP	tert-Butyl alc...			0.008	0.008	0.009	0.008	0.007	0.007	0.008#	7.35
22)	TP	Diisopropyl ether		0.803	0.952	0.978	1.041	0.996	0.989	0.979	0.963	7.85
23)	TP	1,1-Dichloroet...		0.433	0.544	0.535	0.546	0.539	0.527	0.517	0.520	7.63
24)	TP	Halothane		0.145	0.197	0.195	0.200	0.202	0.197	0.196	0.190	10.54
25)	TP	Acrylonitrile			0.040	0.040	0.047	0.041	0.047	0.048	0.044	8.43
26)	TP	Ethyl tert-but...		0.574	0.666	0.682	0.750	0.702	0.720	0.711	0.686	8.20
27)	TP	Vinyl acetate			0.339	0.346	0.450	0.397	0.429	0.431	0.398	11.70
28)	TP	cis-1,2-Dichlo...		0.211	0.259	0.256	0.265	0.259	0.260	0.259	0.253	7.37
29)	TP	2,2-Dichloropr...		0.264	0.335	0.319	0.350	0.353	0.294	0.273	0.313	11.56
30)	TP	Bromochloromet...		0.075	0.096	0.095	0.101	0.090	0.085	0.082	0.089#	10.20
31)	TP	Cyclohexane		0.406	0.587	0.615	0.616	0.639	0.612	0.611	0.584	13.64
32)	TC	Chloroform		0.352	0.438	0.421	0.433	0.426	0.424	0.422	0.416	6.97
33)	TP	Ethyl acetate			0.116	0.124	0.141	0.124	0.139	0.137	0.130	7.94

Response Factor Report VOA 101

Method Path : I:\VOLATILES\VOA101\2022\220719NICAL\
Method File : V101_220719N_8260.m
Title : VOLATILES BY GC/MS
Last Update : Wed Jul 20 11:23:17 2022
Response Via : Initial Calibration

Calibration Files
L11 =V01220719N04.D L1 =V01220719N07.D L2 =V01220719N09.D L3 =V01220719N10.D L4 =V01220719N11.D
L6 =V01220719N12.D L8 =V01220719N13.D L10 =V01220719N14.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
34)	TP	Carbon tetrach...	0.305	0.281	0.356	0.361	0.373	0.385	0.377	0.375	0.352	10.79
35)	TP	Tetrahydrofuran			0.048	0.041	0.044	0.036	0.041	0.041	0.042	9.34
36)	S	Dibromofluorom...	0.249	0.251	0.255	0.249	0.257	0.248	0.256	0.256	0.253	1.52
37)	TP	1,1,1-Trichlor...		0.289	0.377	0.377	0.387	0.394	0.386	0.380	0.370	9.78
39)	TP	2-Butanone			0.046	0.049	0.059	0.053	0.058	0.058	0.054	10.27
40)	TP	1,1-Dichloropr...		0.242	0.341	0.345	0.356	0.366	0.356	0.353	0.337	12.62
41)	TP	Benzene	0.957	0.792	0.985	0.989	1.009	1.010	0.997	0.996	0.967	7.49
42)	TP	tert-Amyl meth...		0.323	0.414	0.413	0.466	0.430	0.461	0.461	0.424	11.82
43)	S	1,2-Dichloroet...	0.247	0.241	0.251	0.236	0.249	0.231	0.250	0.248	0.244	3.06
44)	TP	1,2-Dichloroet...		0.241	0.283	0.256	0.278	0.252	0.267	0.261	0.263	5.58
47)	TP	Methyl cyclohe...		0.290	0.398	0.408	0.416	0.439	0.425	0.434	0.401	12.70
48)	TP	Trichloroethene	0.226	0.206	0.266	0.265	0.264	0.269	0.263	0.263	0.253	9.35
50)	TP	Dibromomethane		0.082	0.100	0.095	0.101	0.091	0.098	0.095	0.095	7.08
51)	TC	1,2-Dichloropr...		0.223	0.279	0.273	0.290	0.280	0.284	0.283	0.273	8.28
53)	TP	2-Chloroethyl ...			0.006	0.010	0.012	0.011	0.010	0.009	*Q	0.9991
54)	TP	Bromodichlorom...		0.231	0.274	0.276	0.295	0.287	0.297	0.297	0.279#	8.41
57)	TP	1,4-Dioxane		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001#	12.77
58)	TP	cis-1,3-Dichlo...		0.252	0.296	0.305	0.352	0.338	0.347	0.348	0.320	11.61
59)	I	Chlorobenzene-d5	----------ISTD----------									
60)	S	Toluene-d8	1.275	1.290	1.287	1.305	1.277	1.296	1.263	1.270	1.283	1.11
61)	TC	Toluene		0.624	0.812	0.803	0.819	0.827	0.800	0.809	0.785	9.10
62)	TP	4-Methyl-2-pen...			0.048	0.053	0.062	0.056	0.062	0.062	0.057	10.35
63)	TP	Tetrachloroethene		0.278	0.347	0.356	0.360	0.363	0.349	0.350	0.343	8.59
65)	TP	trans-1,3-Dich...		0.209	0.282	0.292	0.340	0.321	0.335	0.338	0.302	15.56
67)	TP	Ethyl methacry...			0.176	0.190	0.228	0.212	0.232	0.238	0.213	11.69
68)	TP	1,1,2-Trichlor...		0.128	0.150	0.142	0.151	0.135	0.143	0.145	0.142#	5.84
69)	TP	Chlorodibromom...		0.170	0.212	0.212	0.235	0.218	0.231	0.236	0.216	10.57
70)	TP	1,3-Dichloropr...		0.269	0.320	0.308	0.329	0.297	0.312	0.314	0.307	6.37
71)	TP	1,2-Dibromoethane		0.114	0.163	0.156	0.171	0.154	0.163	0.163	0.155#	12.21
72)	TP	2-Hexanone		0.071	0.091	0.098	0.114	0.104	0.114	0.112	0.101	15.52
73)	TP	Chlorobenzene		0.722	0.846	0.840	0.851	0.834	0.822	0.837	0.822	5.46

Response Factor Report VOA 101

Method Path : I:\VOLATILES\VOA101\2022\220719NICAL\
Method File : V101_220719N_8260.m
Title : VOLATILES BY GC/MS
Last Update : Wed Jul 20 11:23:17 2022
Response Via : Initial Calibration

Calibration Files
L11 =V01220719N04.D L1 =V01220719N07.D L2 =V01220719N09.D L3 =V01220719N10.D L4 =V01220719N11.D
L6 =V01220719N12.D L8 =V01220719N13.D L10 =V01220719N14.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
74)	TC	Ethylbenzene		1.216	1.493	1.540	1.579	1.608	1.554	1.585	1.511	8.95
75)	TP	1,1,1,2-Tetrac...		0.212	0.272	0.280	0.293	0.288	0.290	0.296	0.276	10.67
76)	TP	p/m Xylene		0.415	0.569	0.597	0.612	0.624	0.606	0.613	0.576	12.76
77)	TP	o Xylene		0.405	0.542	0.560	0.571	0.577	0.563	0.571	0.542	11.29
78)	TP	Styrene		0.566	0.776	0.845	0.894	0.887	0.890	0.902	0.823	14.77
79)	I	1,4-Dichlorobenzene-d4	----------ISTD----------									
80)	TP	Bromoform		0.176	0.215	0.214	0.237	0.223	0.242	0.247	0.222	10.89
82)	TP	Isopropylbenzene		2.182	2.927	3.105	3.142	3.270	3.132	3.167	2.989	12.39
83)	S	4-Bromofluorob...	0.982	0.965	0.947	0.943	0.945	0.939	0.947	0.934	0.950	1.65
84)	TP	Bromobenzene		0.537	0.627	0.632	0.648	0.632	0.633	0.637	0.621	6.02
85)	TP	n-Propylbenzene		2.616	3.359	3.549	3.596	3.748	3.591	3.611	3.439	11.07
86)	TP	1,4-Dichlorobu...		0.662	0.783	0.751	0.788	0.721	0.761	0.759	0.746	5.77
87)	TP	1,1,2,2-Tetrac...		0.312	0.349	0.336	0.363	0.326	0.350	0.351	0.341	5.14
88)	TP	4-Ethyltoluene		2.035	2.742	2.895	2.971	3.079	2.967	2.986	2.811	12.72
89)	TP	2-Chlorotoluene		1.762	2.006	2.078	2.096	2.144	2.069	2.085	2.034	6.23
90)	TP	1,3,5-Trimethy...		1.744	2.303	2.410	2.451	2.544	2.451	2.470	2.339	11.63
91)	TP	1,2,3-Trichlor...		0.266	0.314	0.296	0.300	0.273	0.295	0.298	0.292	5.72
92)	TP	trans-1,4-Dich...			0.119	0.114	0.126	0.116	0.126	0.125	0.121	4.51
93)	TP	4-Chlorotoluene		1.590	2.013	2.061	2.110	2.159	2.095	2.119	2.021	9.68
94)	TP	tert-Butylbenzene		1.395	1.870	2.012	2.036	2.140	2.052	2.060	1.938	13.03
97)	TP	1,2,4-Trimethy...		1.576	2.134	2.314	2.374	2.444	2.359	2.378	2.226	13.59
98)	TP	sec-Butylbenzene		1.908	2.675	2.827	2.849	3.009	2.872	2.896	2.719	13.66
99)	TP	p-Isopropyltol...		1.499	2.128	2.318	2.404	2.528	2.413	2.431	2.246	15.67
100)	TP	1,3-Dichlorobe...		0.994	1.166	1.183	1.216	1.226	1.203	1.212	1.171	6.90
101)	TP	1,4-Dichlorobe...		1.088	1.185	1.159	1.202	1.195	1.182	1.184	1.171	3.33
102)	TP	p-Diethylbenzene		0.850	1.151	1.279	1.327	1.408	1.354	1.367	1.248	15.55
103)	TP	n-Butylbenzene		1.328	1.758	1.832	1.883	2.004	1.915	1.931	1.807	12.46
104)	TP	1,2-Dichlorobe...		0.890	1.004	0.982	1.025	0.990	0.998	1.000	0.984	4.41
105)	TP	1,2,4,5-Tetram...		1.153	1.469	1.672	1.803	1.887	1.835	1.870	1.670	16.21
106)	TP	1,2-Dibromo-3-...			0.041	0.039	0.046	0.041	0.046	0.046	0.043	7.48
107)	TP	1,3,5-Trichlor...		0.510	0.622	0.627	0.648	0.663	0.648	0.659	0.625	8.52

Method Path : I:\VOLATILES\VOA101\2022\220719NICAL\
Method File : V101_220719N_8260.m
Title : VOLATILES BY GC/MS
Last Update : Wed Jul 20 11:23:17 2022
Response Via : Initial Calibration

Calibration Files
L11 =V01220719N04.D L1 =V01220719N07.D L2 =V01220719N09.D L3 =V01220719N10.D L4 =V01220719N11.D
L6 =V01220719N12.D L8 =V01220719N13.D L10 =V01220719N14.D

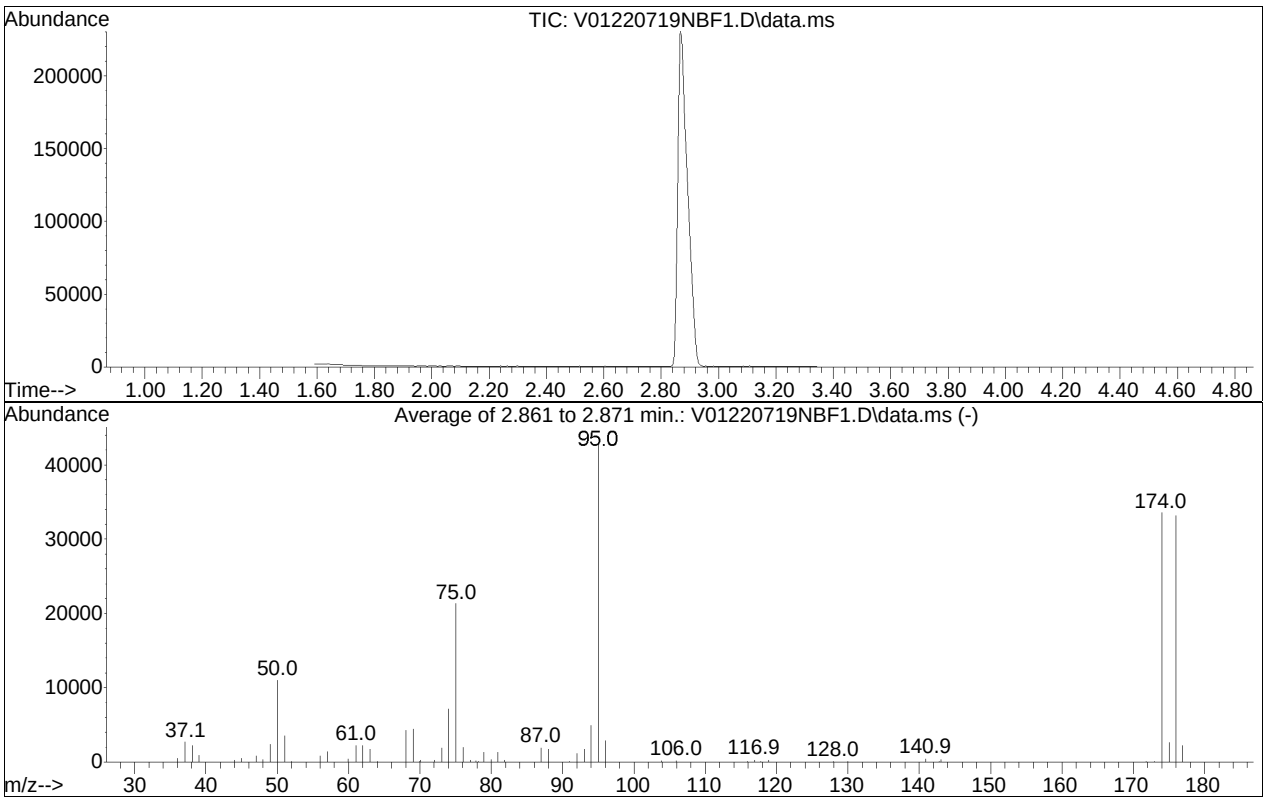
	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
108)	TP Hexachlorobuta...	0.170	0.224	0.220	0.226	0.247	0.237	0.244	0.224		11.56
109)	TP 1,2,4-Trichlor...	0.363	0.433	0.434	0.483	0.485	0.491	0.498	0.455		10.67
110)	TP Naphthalene	0.516	0.623	0.628	0.752	0.703	0.763	0.774	0.680		13.99
111)	TP 1,2,3-Trichlor...	0.282	0.330	0.310	0.344	0.330	0.343	0.344	0.326#		7.02

(#) = Out of Range

Data Path : I:\VOLATILES\VOA101\2022\220719NICAL\
Data File : V01220719NBF1.D
Acq On : 19 Jul 2022 7:01 pm
Operator : VOA101:TMS
Sample : WG1665246-1
Misc : WG1665246
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\VOLATILES\VOA101\2022\220719NICAL\V101_220719N_8260.m
Title : VOLATILES BY GC/MS
Last Update : Wed Jul 20 11:23:17 2022



AutoFind: Scans 243, 244, 245; Background Corrected with Scan 236

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	25.7	11066	PASS
75	95	30	60	49.6	21328	PASS
95	95	100	100	100.0	42992	PASS
96	95	5	9	6.7	2886	PASS
173	174	0.00	2	0.4	119	PASS
174	95	50	100	78.1	33565	PASS
175	174	5	9	7.9	2647	PASS
176	174	95	101	98.8	33149	PASS
177	176	5	9	6.7	2236	PASS

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2022\220719NICAL\
Data File : V01220719N04.D
Acq On : 19 Jul 2022 8:38 pm
Operator : VOA101:PD
Sample : I8260STD0.19PPB
Misc : WG1665246,ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 20 11:24:52 2022
Quant Method : I:\VOLATILES\VOA101\2022\220719NICAL\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 11:23:17 2022
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2022\220719NICAL\V01220719N10.D
Sub List : 8260-L11 - Level 11 for 8260-LRR product

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.149	96	292113	10.000	ug/L	0.00
Standard Area 1 = 297967			Recovery =	98.04%		
59) Chlorobenzene-d5	9.693	117	228686	10.000	ug/L	0.00
Standard Area 1 = 229324			Recovery =	99.72%		
79) 1,4-Dichlorobenzene-d4	12.365	152	106357	10.000	ug/L	0.00
Standard Area 1 = 111060			Recovery =	95.77%		
System Monitoring Compounds						
36) Dibromofluoromethane	5.335	113	72824	9.872	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	98.72%		
43) 1,2-Dichloroethane-d4	5.867	65	72092	10.111	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	101.11%		
60) Toluene-d8	7.844	98	291507	9.936	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	99.36%		
83) 4-Bromofluorobenzene	11.169	95	104450	10.334	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	103.34%		
Target Compounds						Qvalue
4) Vinyl chloride	1.997	62	1692	0.178	ug/L #	34
34) Carbon tetrachloride	5.301	117	1693	0.165	ug/L #	28
41) Benzene	5.733	78	5312	0.188	ug/L	91
48) Trichloroethene	6.330	95	1253M1	0.170	ug/L	

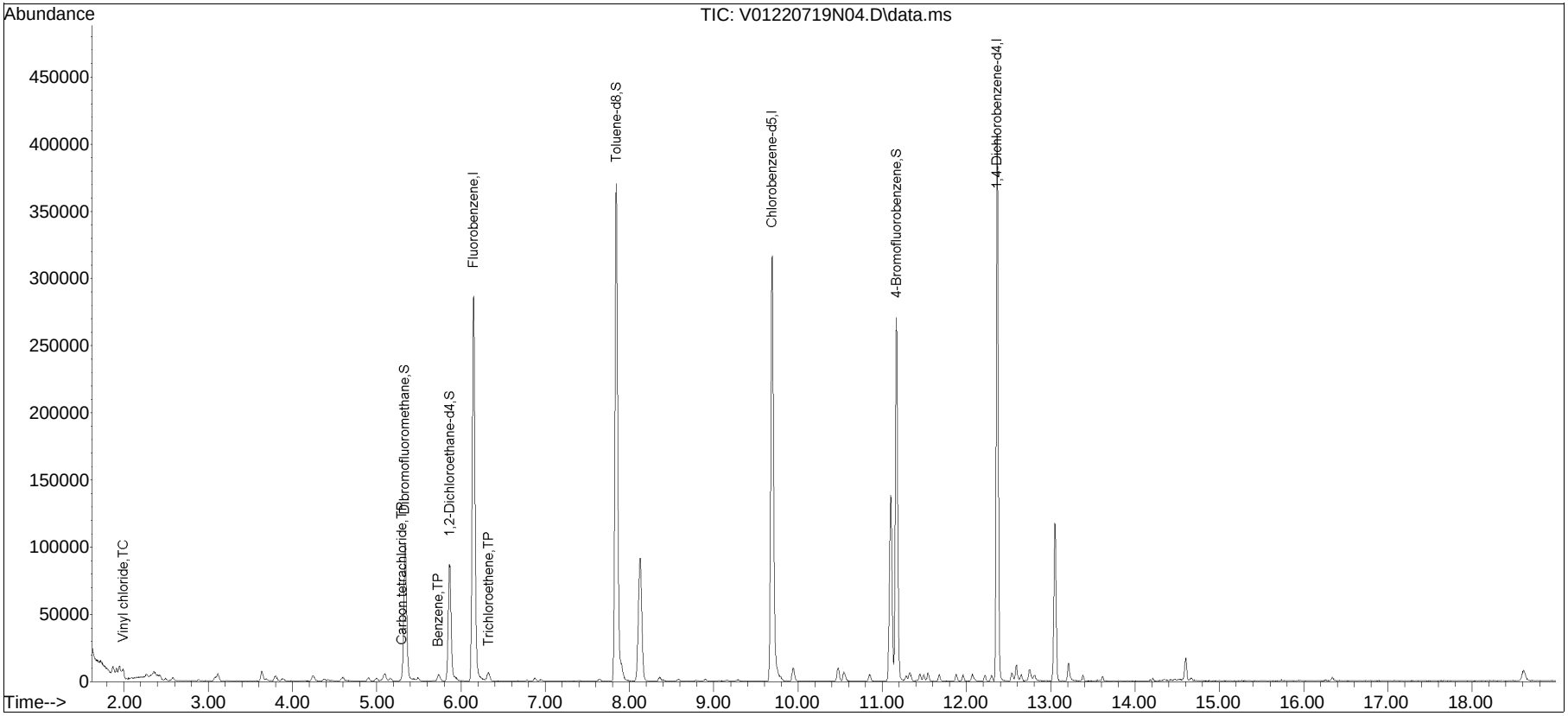
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2022\220719NICAL\
Data File : V01220719N04.D
Acq On : 19 Jul 2022 8:38 pm
Operator : VOA101:PD
Sample : I8260STD0.19PPB
Misc : WG1665246,ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 20 11:24:52 2022
Quant Method : I:\VOLATILES\VOA101\2022\220719NICAL\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 11:23:17 2022
Response via : Initial Calibration

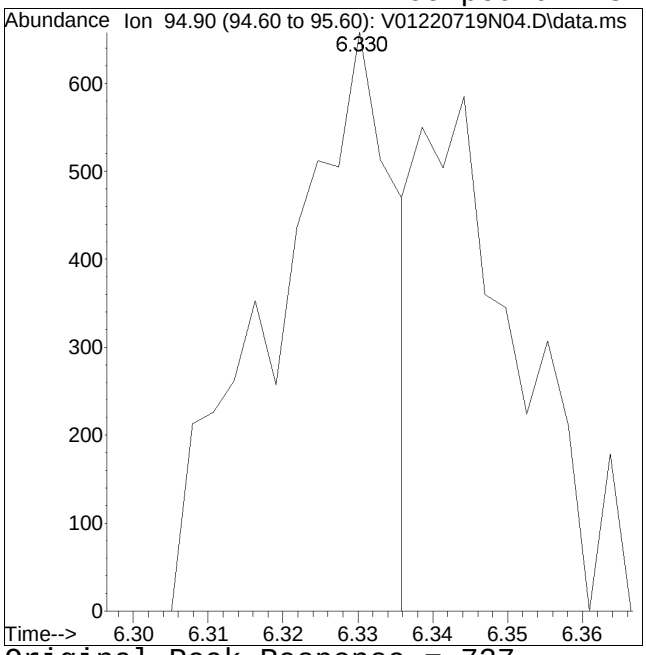
Sub List : 8260-L11 - Level 11 for 8260-LRR product\V01220719N10.D•



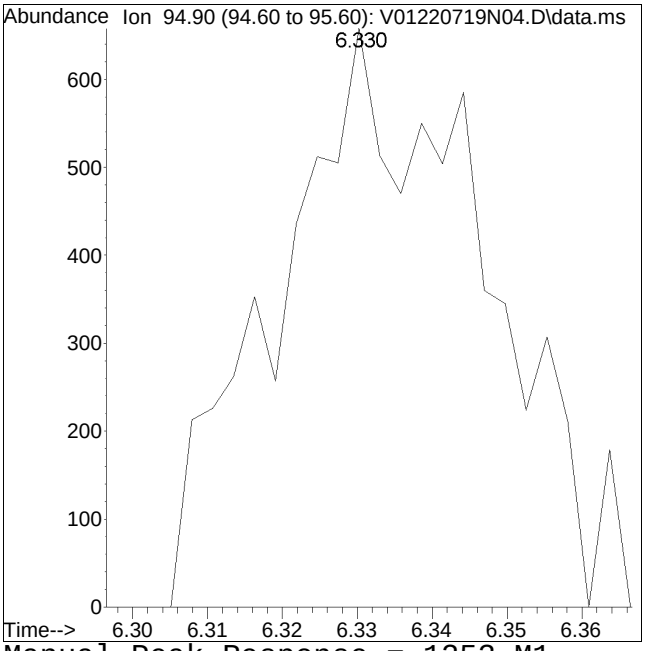
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2022\2QMethod : V101_220719N_8260.m
Data File : V01220719N04.D Operator : VOA101:PD
Date Inj'd : 7/19/2022 8:38 pm Instrument : VOA 101
Sample : I8260STD0.19PPB Quant Date : 7/20/2022 11:24 am

Compound #48: Trichloroethene



Original Peak Response = 737



Manual Peak Response = 1253 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2022\220719NICAL\
Data File : V01220719N07.D
Acq On : 19 Jul 2022 9:49 pm
Operator : VOA101:PD
Sample : I8260STD0.5PPB
Misc : WG1665246,ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 20 15:08:34 2022
Quant Method : I:\VOLATILES\VOA101\2022\220719NICAL\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 15:08:30 2022
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2022\220719NICAL\V01220719N10.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.152	96	289232	10.000	ug/L	0.00
Standard Area 1 = 297967			Recovery = 97.07%			
59) Chlorobenzene-d5	9.690	117	222475	10.000	ug/L	0.00
Standard Area 1 = 229324			Recovery = 97.01%			
79) 1,4-Dichlorobenzene-d4	12.362	152	106125	10.000	ug/L	0.00
Standard Area 1 = 111060			Recovery = 95.56%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.340	113	72459	9.921	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.21%			
43) 1,2-Dichloroethane-d4	5.864	65	69632	9.863	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.63%			
60) Toluene-d8	7.844	98	287004	10.056	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.56%			
83) 4-Bromofluorobenzene	11.168	95	102421	10.156	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.56%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.726	85	2987	0.370	ug/L	98
3) Chloromethane	1.913	50	6393	0.495	ug/L	96
4) Vinyl chloride	1.997	62	3512	0.373	ug/L	84
5) Bromomethane	2.317	94	1028	0.611	ug/L	95
6) Chloroethane	2.437	64	2426	0.450	ug/L	76
7) Trichlorofluoromethane	2.585	101	4203M3	0.380	ug/L	
8) Ethyl ether	2.886	74	1007	0.424	ug/L #	61
10) 1,1-Dichloroethene	3.076	96	2369M1	0.377	ug/L	
11) Carbon disulfide	3.118	76	7575	0.442	ug/L #	83
12) Freon-113	3.118	101	2644	0.381	ug/L #	69
13) Iodomethane	3.221	142	1931	0.224	ug/L #	94
14) Acrolein	0.000		0	N.D.	d	
15) Methylene chloride	3.634	84	7132	1.097	ug/L #	70
17) Acetone	3.692	43	2137M1	1.473	ug/L	
18) trans-1,2-Dichloroethene	3.790	96	2749	0.402	ug/L #	75
19) Methyl acetate	3.818	43	3748	0.577	ug/L #	56
20) Methyl tert-butyl ether	3.885	73	4715	0.434	ug/L #	74
21) tert-Butyl alcohol	3.971	59	155	0.676	ug/L #	58
22) Diisopropyl ether	4.244	45	11606	0.417	ug/L #	91
23) 1,1-Dichloroethane	4.381	63	6263	0.416	ug/L	89
24) Halothane	4.428	117	2098	0.381	ug/L #	66

Data Path : I:\VOLATILES\VOA101\2022\220719NICAL\
Data File : V01220719N07.D
Acq On : 19 Jul 2022 9:49 pm
Operator : VOA101:PD
Sample : I8260STD0.5PPB
Misc : WG1665246,ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 20 15:08:34 2022
Quant Method : I:\VOLATILES\VOA101\2022\220719NICAL\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 15:08:30 2022
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2022\220719NICAL\V01220719N10.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Acrylonitrile	0.000		0	N.D.	d		
26) Ethyl tert-butyl ether	4.596	59	8307	0.418	ug/L	#	57
27) Vinyl acetate	0.000		0	N.D.	d		
28) cis-1,2-Dichloroethene	4.902	96	3049	0.417	ug/L	#	74
29) 2,2-Dichloropropane	5.006	77	3820	0.423	ug/L	#	67
30) Bromochloromethane	5.095	128	1088	0.421	ug/L	#	62
31) Cyclohexane	5.092	56	5878	0.348	ug/L		79
32) Chloroform	5.165	83	5094	0.423	ug/L	#	77
33) Ethyl acetate	0.000		0	N.D.	d		
34) Carbon tetrachloride	5.304	117	4058	0.399	ug/L	#	60
35) Tetrahydrofuran	0.000		0	N.D.	d		
37) 1,1,1-Trichloroethane	5.360	97	4181	0.391	ug/L	#	85
39) 2-Butanone	0.000		0	N.D.	d		
40) 1,1-Dichloropropene	5.491	75	3506	0.360	ug/L	#	85
41) Benzene	5.733	78	11460M1	0.410	ug/L		
42) tert-Amyl methyl ether	5.842	73	4666M3	0.380	ug/L		
44) 1,2-Dichloroethane	5.937	62	3490	0.459	ug/L		81
47) Methyl cyclohexane	6.322	83	4200	0.362	ug/L	#	65
48) Trichloroethene	6.333	95	2973M1	0.407	ug/L		
50) Dibromomethane	6.785	93	1180M1	0.431	ug/L		
51) 1,2-Dichloropropane	6.880	63	3228	0.409	ug/L	#	81
53) 2-Chloroethyl vinyl ether	0.000		0	N.D.			
54) Bromodichloromethane	6.949	83	3339	0.413	ug/L	#	95
57) 1,4-Dioxane	7.158	88	1682M1	73.869	ug/L		
58) cis-1,3-Dichloropropene	7.649	75	3645	0.394	ug/L	#	76
61) Toluene	7.900	92	6944M1	0.398	ug/L		
62) 4-Methyl-2-pentanone	0.000		0	N.D.	d		
63) Tetrachloroethene	8.352	166	3088M1	0.405	ug/L		
65) trans-1,3-Dichloropropene	8.399	75	2325	0.346	ug/L		87
67) Ethyl methacrylate	8.575	69	1202M1	0.254	ug/L		
68) 1,1,2-Trichloroethane	8.575	83	1419	0.449	ug/L	#	77
69) Chlorodibromomethane	8.787	129	1888M1	0.392	ug/L		
70) 1,3-Dichloropropane	8.896	76	2988	0.438	ug/L	#	61
71) 1,2-Dibromoethane	9.066	107	1266M1	0.368	ug/L		
72) 2-Hexanone	9.361	43	791M1	0.353	ug/L		
73) Chlorobenzene	9.716	112	8031	0.439	ug/L	#	83
74) Ethylbenzene	9.752	91	13522	0.402	ug/L	#	67
75) 1,1,1,2-Tetrachloroethane	9.794	131	2355M1	0.384	ug/L		
76) p/m Xylene	9.941	106	9222	0.719	ug/L		100
77) o Xylene	10.471	106	9015	0.748	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2022\220719NICAL\
Data File : V01220719N07.D
Acq On : 19 Jul 2022 9:49 pm
Operator : VOA101:PD
Sample : I8260STD0.5PPB
Misc : WG1665246,ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 20 15:08:34 2022
Quant Method : I:\VOLATILES\VOA101\2022\220719NICAL\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 15:08:30 2022
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2022\220719NICAL\V01220719N10.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
78) Styrene	10.544	104	12595	0.688	ug/L		99
80) Bromoform	10.566	173	933	0.396	ug/L	#	55
82) Isopropylbenzene	10.848	105	11577	0.365	ug/L		98
84) Bromobenzene	11.283	156	2852	0.433	ug/L		97
85) n-Propylbenzene	11.322	91	13881	0.380	ug/L		99
86) 1,4-Dichlorobutane	11.344	55	3515	0.444	ug/L	#	77
87) 1,1,2,2-Tetrachloroethane	11.408	83	1656	0.458	ug/L		94
88) 4-Ethyltoluene	11.447	105	10796	0.362	ug/L		99
89) 2-Chlorotoluene	11.489	91	9351M4	0.433	ug/L		
90) 1,3,5-Trimethylbenzene	11.542	105	9256	0.373	ug/L		99
91) 1,2,3-Trichloropropane	11.542	75	1409	0.455	ug/L	#	44
92) trans-1,4-Dichloro-2-b...	0.000		0	N.D.	d		
93) 4-Chlorotoluene	11.670	91	8436	0.393	ug/L		96
94) tert-Butylbenzene	11.880	119	7404	0.360	ug/L	#	92
97) 1,2,4-Trimethylbenzene	11.958	105	8362	0.354	ug/L		97
98) sec-Butylbenzene	12.066	105	10122	0.351	ug/L		97
99) p-Isopropyltoluene	12.220	119	7955	0.334	ug/L		98
100) 1,3-Dichlorobenzene	12.292	146	5275	0.424	ug/L		99
101) 1,4-Dichlorobenzene	12.379	146	5772M3	0.465	ug/L		
102) p-Diethylbenzene	12.588	119	4511	0.341	ug/L		97
103) n-Butylbenzene	12.649	91	7047	0.367	ug/L		93
104) 1,2-Dichlorobenzene	12.803	146	4725	0.452	ug/L		95
105) 1,2,4,5-Tetramethylben...	13.380	119	6119	0.345	ug/L		99
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.	d		
107) 1,3,5-Trichlorobenzene	13.611	180	2704	0.408	ug/L		98
108) Hexachlorobutadiene	14.177	225	902	0.379	ug/L		90
109) 1,2,4-Trichlorobenzene	14.208	180	1928	0.399	ug/L		94
110) Naphthalene	14.504	128	2736	0.379	ug/L		100
111) 1,2,3-Trichlorobenzene	14.663	180	1498	0.433	ug/L	#	88

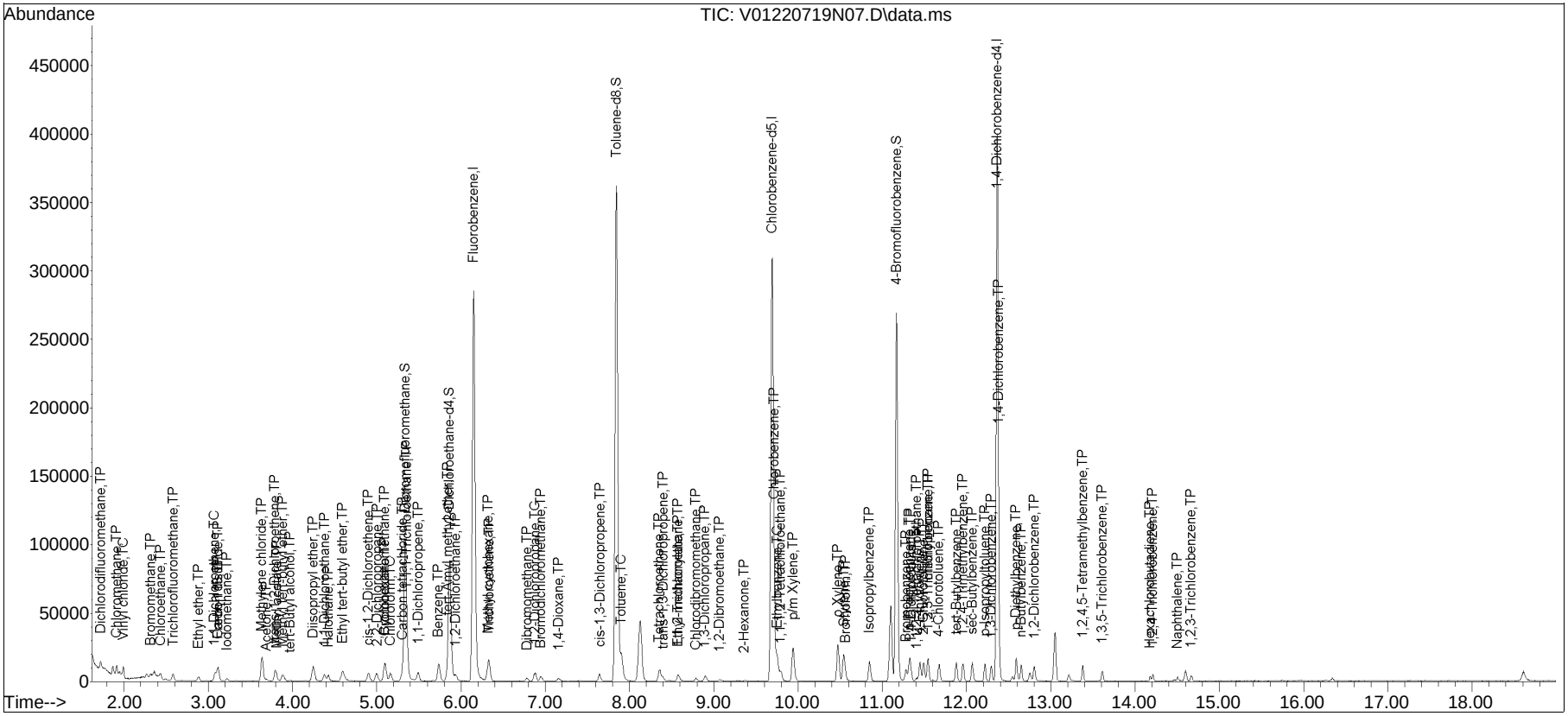
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2022\220719NICAL\
Data File : V01220719N07.D
Acq On : 19 Jul 2022 9:49 pm
Operator : VOA101:PD
Sample : I8260STD0.5PPB
Misc : WG1665246,ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 20 15:08:34 2022
Quant Method : I:\VOLATILES\VOA101\2022\220719NICAL\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 15:08:30 2022
Response via : Initial Calibration

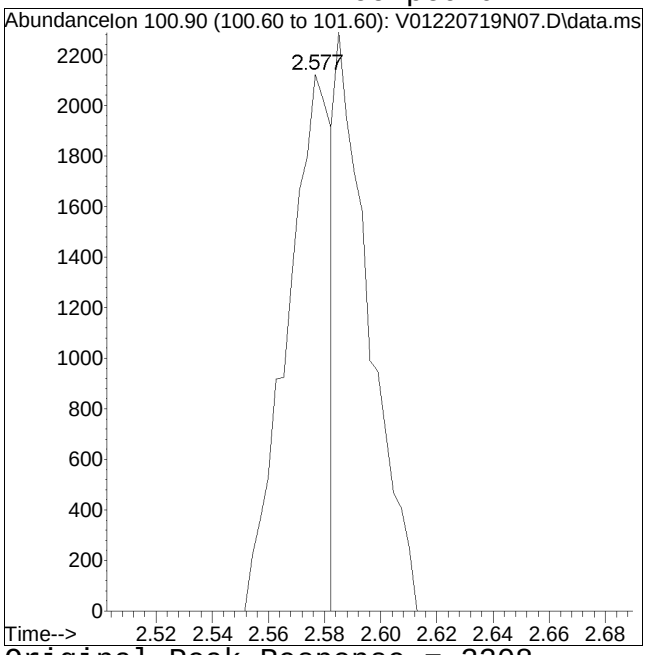
Sub List : 8260-Curve - Megamix plus Diox20719NICAL\V01220719N10.D•

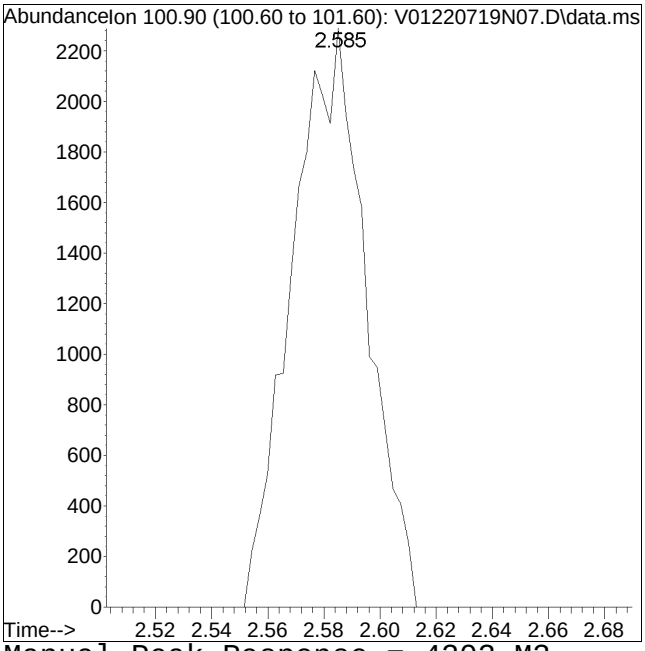


Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2022\2QMethod : V101_220719N_8260.m
Data File : V01220719N07.D Operator : VOA101:PD
Date Inj'd : 7/19/2022 9:49 pm Instrument : VOA 101
Sample : I8260STD0.5PPB Quant Date : 7/20/2022 3:08 pm

Compound #7: Trichlorofluoromethane





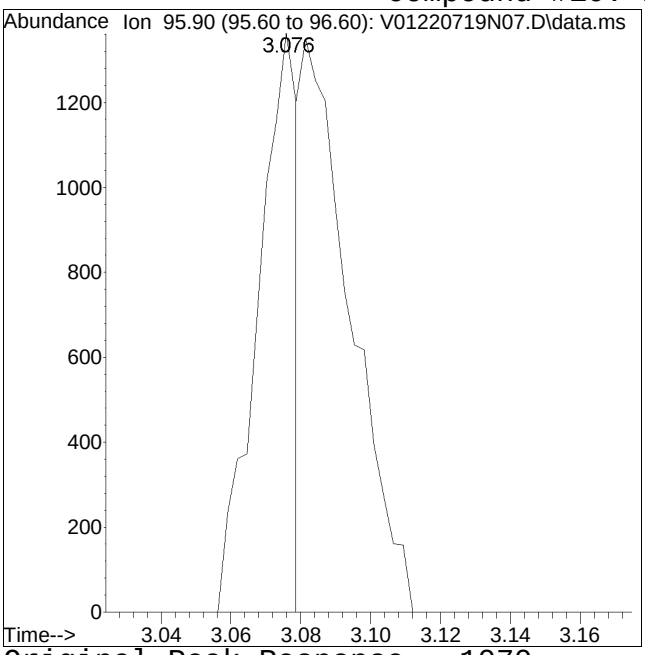
Original Peak Response = 2308 Manual Peak Response = 4203 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

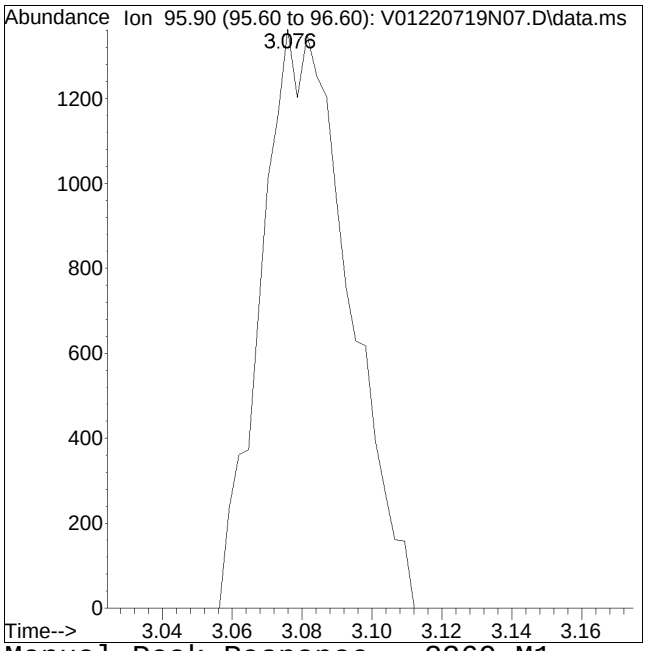
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2022\2QMethod : V101_220719N_8260.m
Data File : V01220719N07.D Operator : VOA101:PD
Date Inj'd : 7/19/2022 9:49 pm Instrument : VOA 101
Sample : I8260STD0.5PPB Quant Date : 7/20/2022 3:08 pm

Compound #10: 1,1-Dichloroethene



Original Peak Response = 1070



Manual Peak Response = 2369 M1

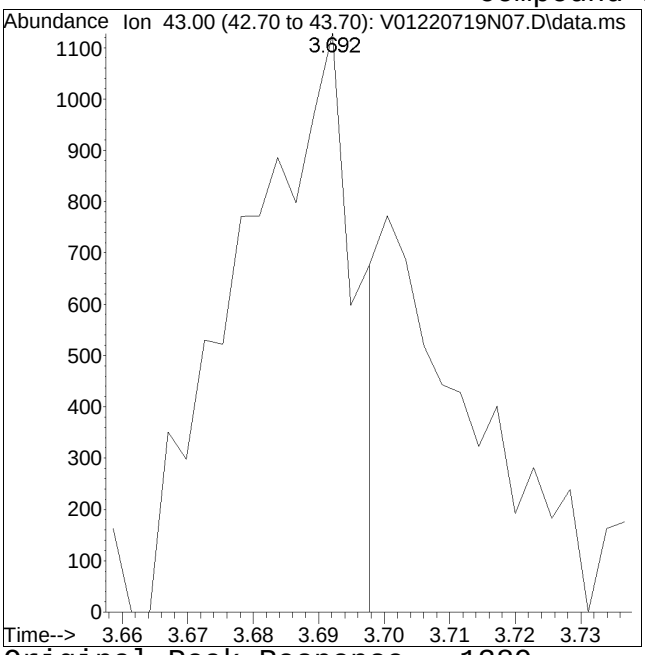
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

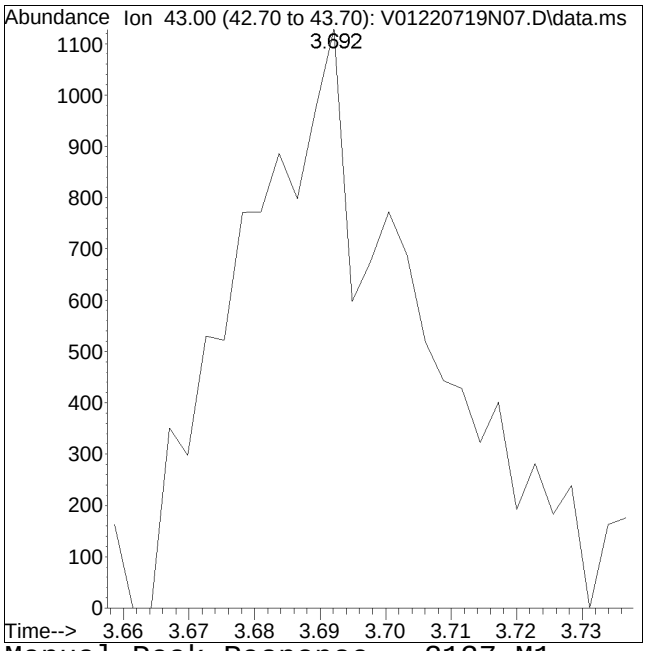
Data Path : I:\VOLATILES\VOA101\2022\2Q
Data File : V01220719N07.D
Date Inj'd : 7/19/2022 9:49 pm
Sample : I8260STD0.5PPB

Method : V101_220719N_8260.m
Operator : VOA101:PD
Instrument : VOA 101
Quant Date : 7/20/2022 3:08 pm

Compound #17: Acetone



Original Peak Response = 1389



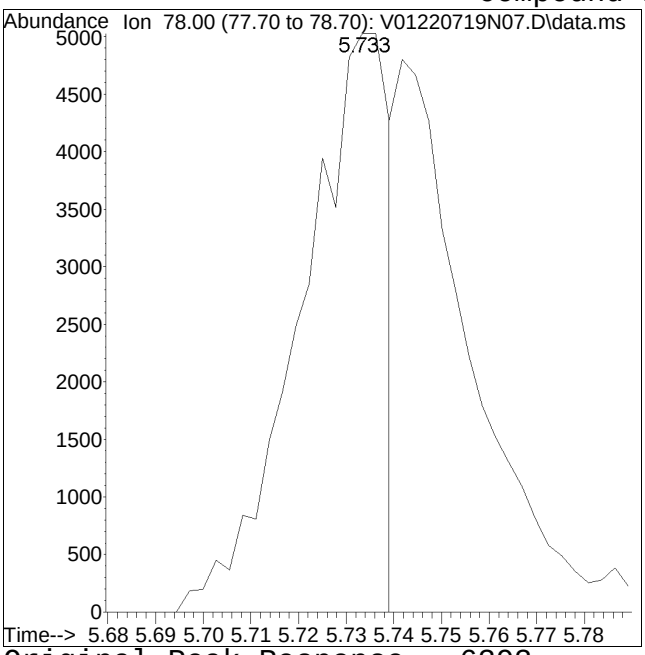
Manual Peak Response = 2137 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

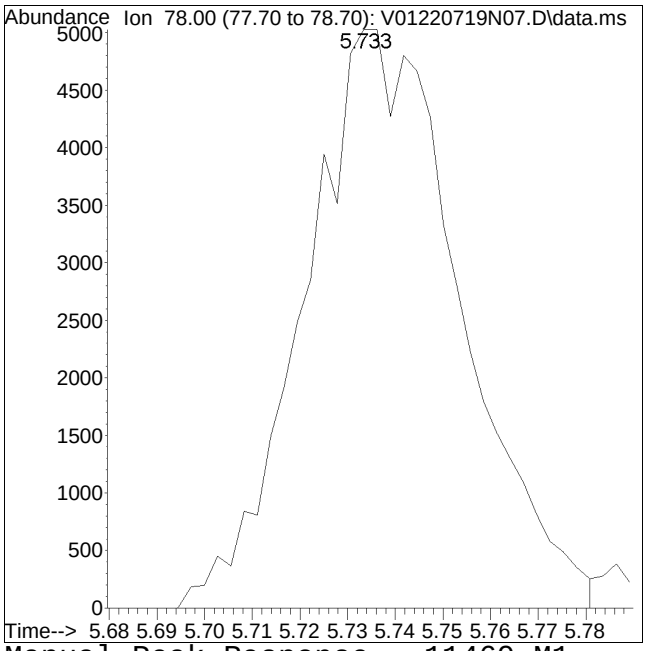
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2022\2QMethod : V101_220719N_8260.m
Data File : V01220719N07.D Operator : VOA101:PD
Date Inj'd : 7/19/2022 9:49 pm Instrument : VOA 101
Sample : I8260STD0.5PPB Quant Date : 7/20/2022 3:08 pm

Compound #41: Benzene



Original Peak Response = 6393



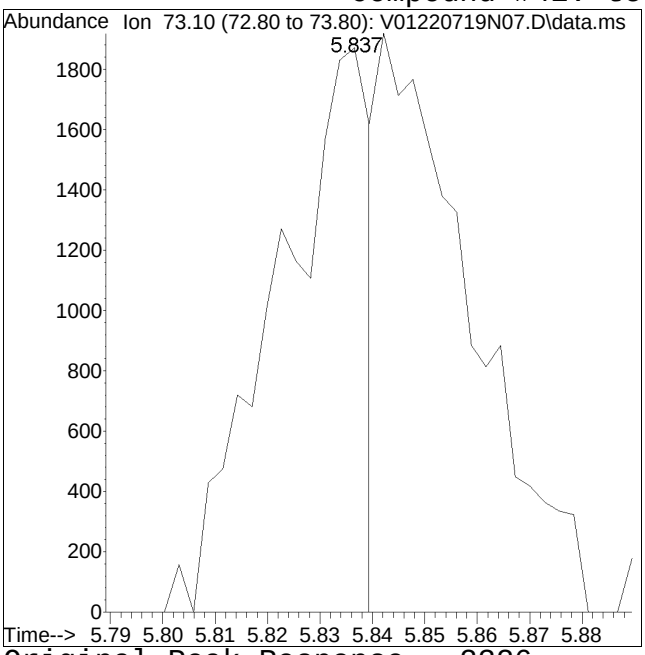
Manual Peak Response = 11460 M1

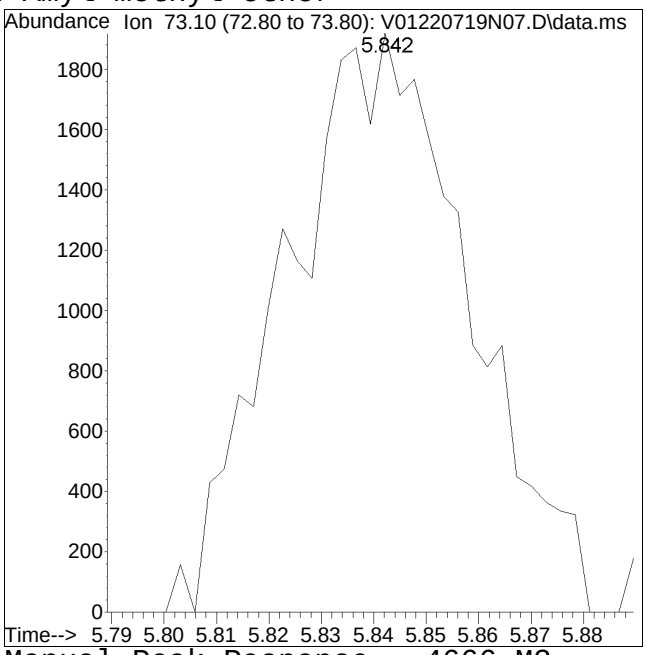
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2022\2QMethod : V101_220719N_8260.m
Data File : V01220719N07.D Operator : VOA101:PD
Date Inj'd : 7/19/2022 9:49 pm Instrument : VOA 101
Sample : I8260STD0.5PPB Quant Date : 7/20/2022 3:08 pm

Compound #42: tert-Amyl methyl ether





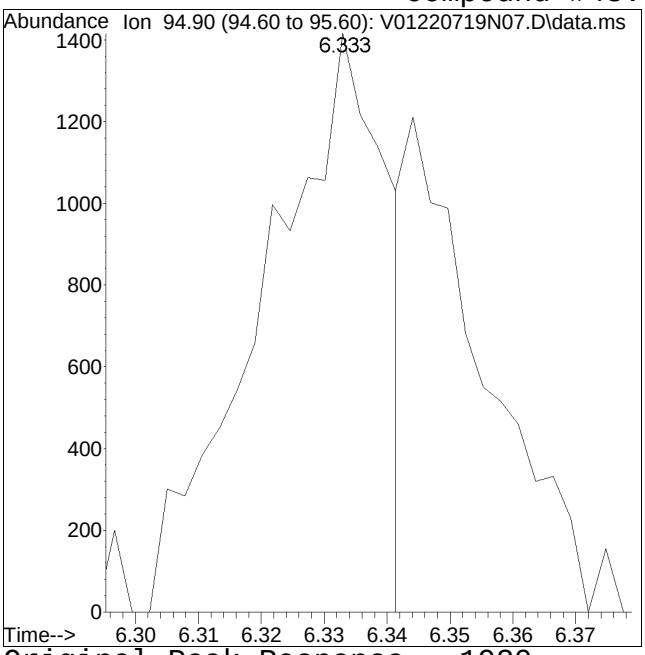
Original Peak Response = 2326 Manual Peak Response = 4666 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

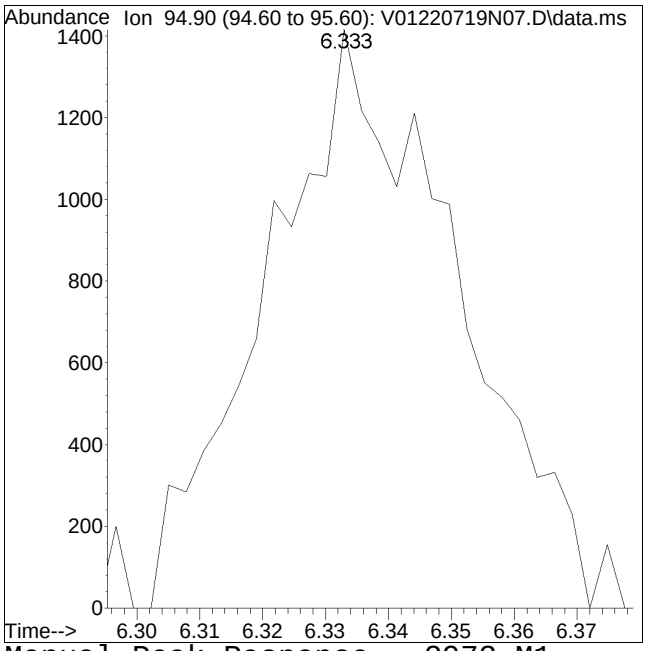
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2022\2QMethod : V101_220719N_8260.m
Data File : V01220719N07.D Operator : VOA101:PD
Date Inj'd : 7/19/2022 9:49 pm Instrument : VOA 101
Sample : I8260STD0.5PPB Quant Date : 7/20/2022 3:08 pm

Compound #48: Trichloroethene



Original Peak Response = 1920



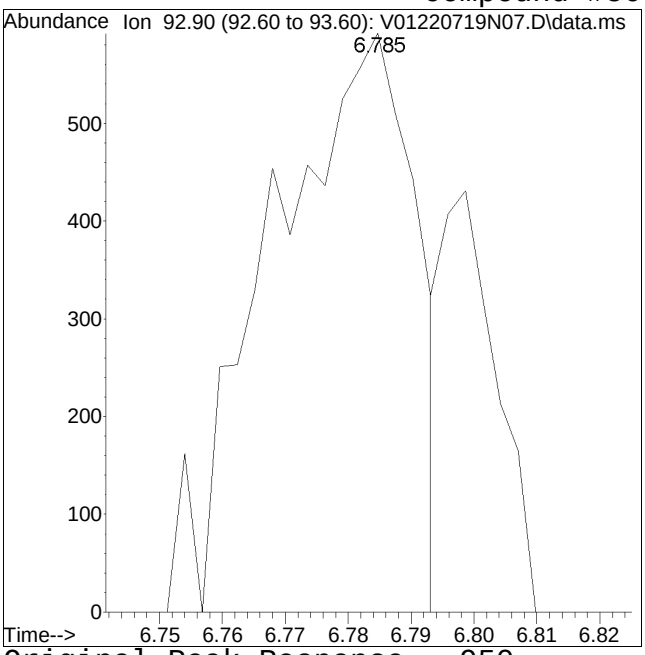
Manual Peak Response = 2973 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

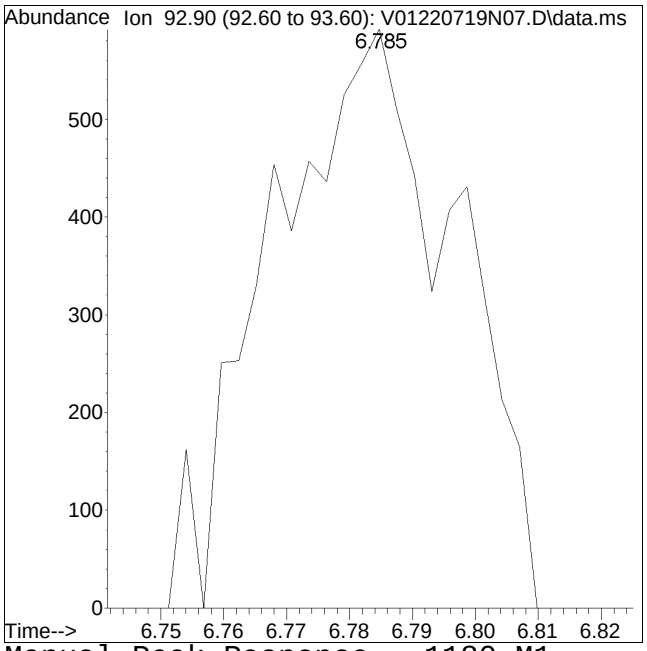
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2022\2QMethod : V101_220719N_8260.m
Data File : V01220719N07.D Operator : VOA101:PD
Date Inj'd : 7/19/2022 9:49 pm Instrument : VOA 101
Sample : I8260STD0.5PPB Quant Date : 7/20/2022 3:08 pm

Compound #50: Dibromomethane



Original Peak Response = 950



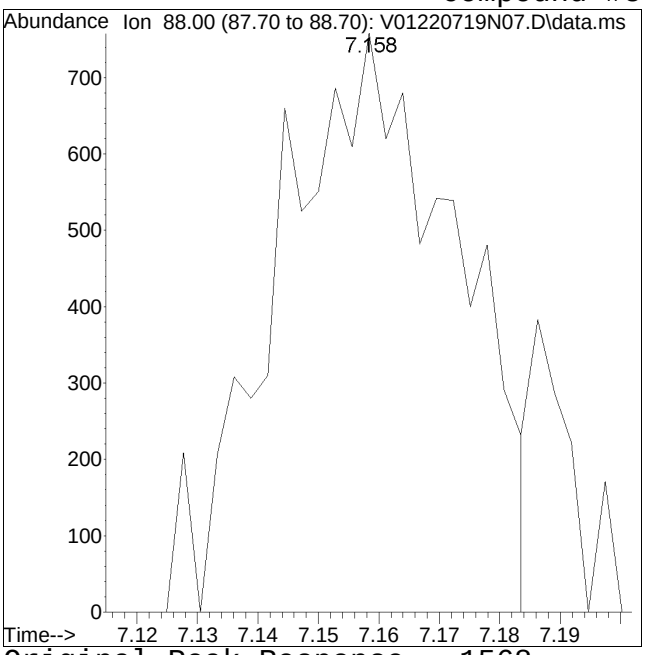
Manual Peak Response = 1180 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

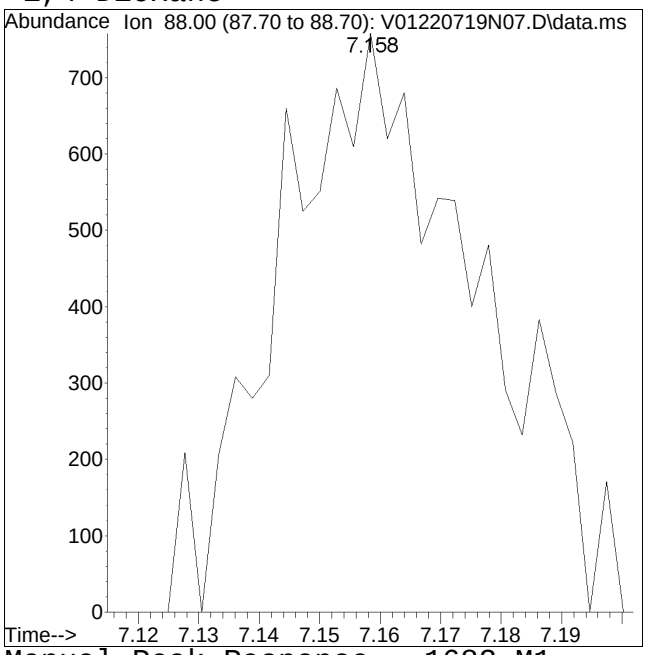
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2022\2QMethod : V101_220719N_8260.m
Data File : V01220719N07.D Operator : VOA101:PD
Date Inj'd : 7/19/2022 9:49 pm Instrument : VOA 101
Sample : I8260STD0.5PPB Quant Date : 7/20/2022 3:08 pm

Compound #57: 1,4-Dioxane



Original Peak Response = 1568



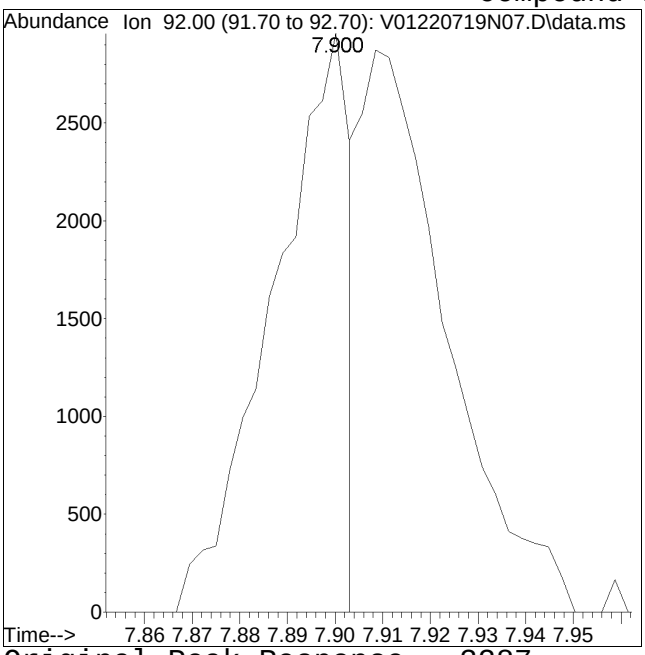
Manual Peak Response = 1682 M1

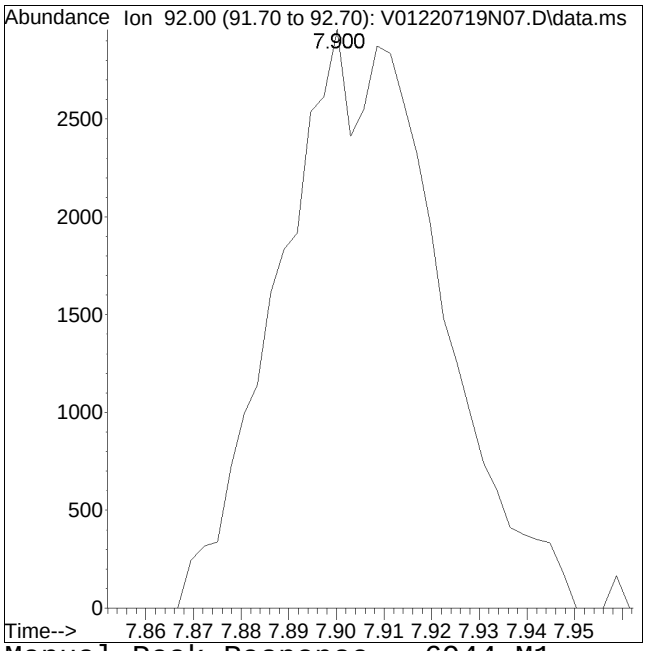
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2022\2QMethod : V101_220719N_8260.m
Data File : V01220719N07.D Operator : VOA101:PD
Date Inj'd : 7/19/2022 9:49 pm Instrument : VOA 101
Sample : I8260STD0.5PPB Quant Date : 7/20/2022 3:08 pm

Compound #61: Toluene





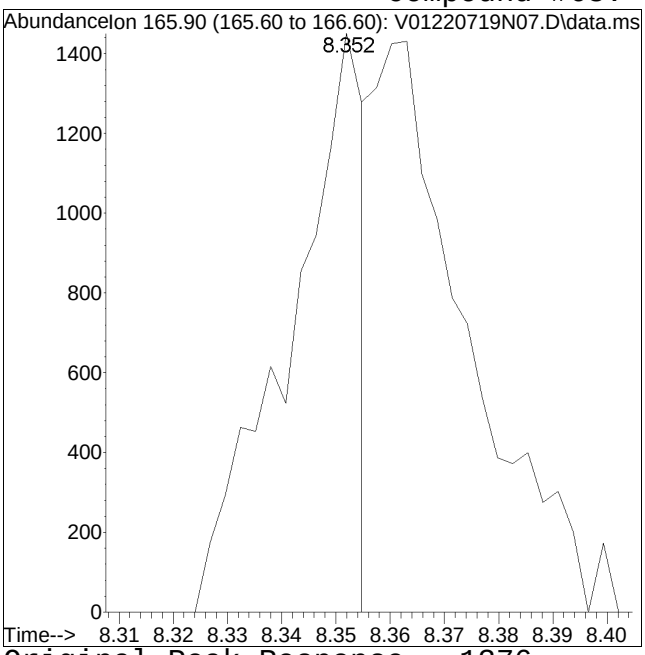
Original Peak Response = 3287 Manual Peak Response = 6944 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

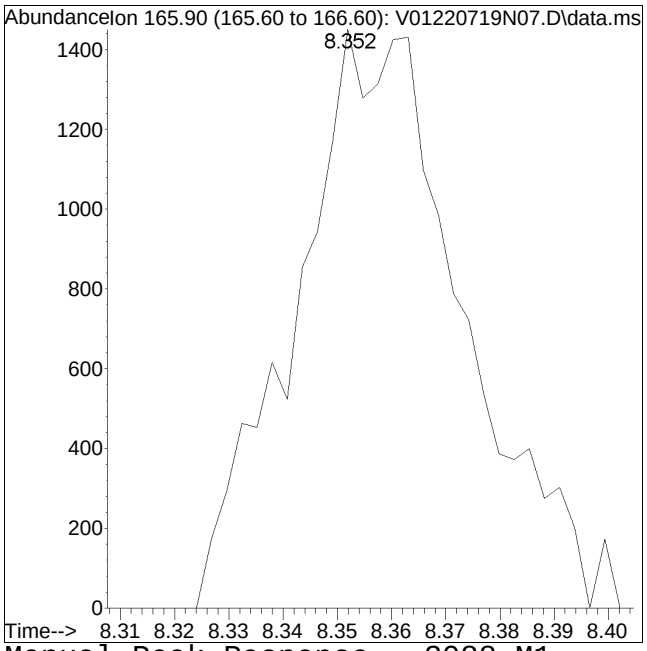
Data Path : I:\VOLATILES\VOA101\2022\2Q
Data File : V01220719N07.D
Date Inj'd : 7/19/2022 9:49 pm
Sample : I8260STD0.5PPB

Method : V101_220719N_8260.m
Operator : VOA101:PD
Instrument : VOA 101
Quant Date : 7/20/2022 3:08 pm

Compound #63: Tetrachloroethene



Original Peak Response = 1376



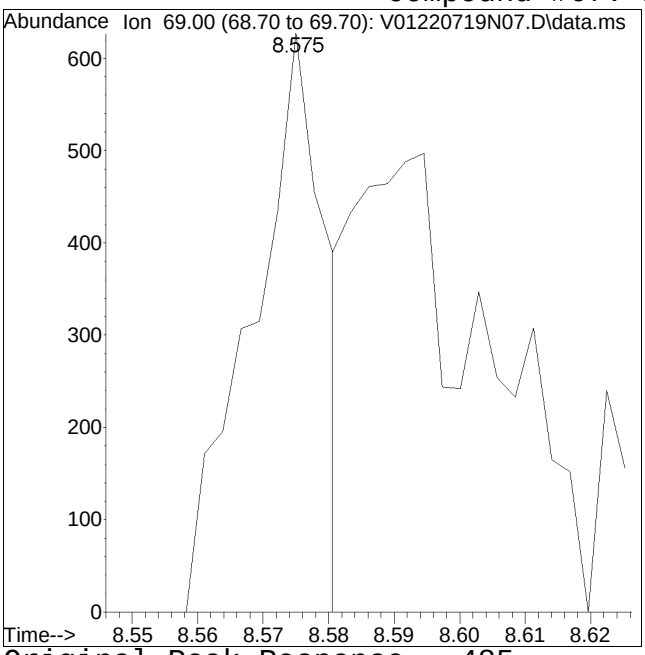
Manual Peak Response = 3088 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

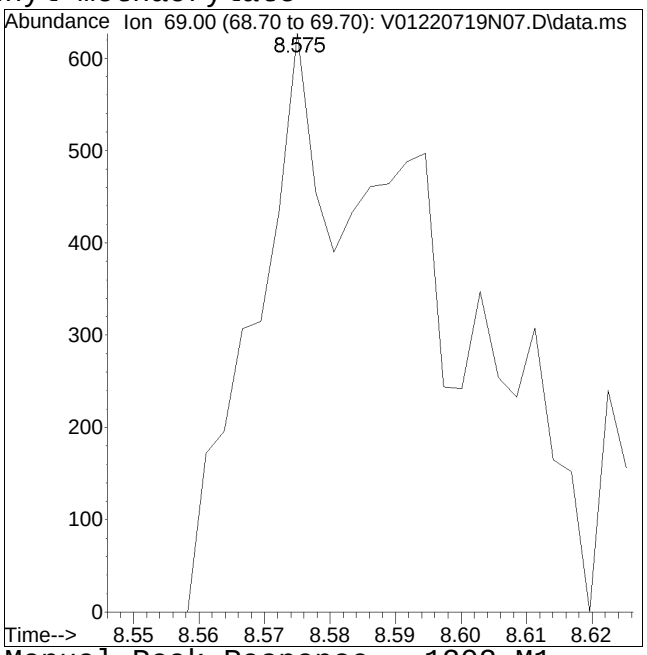
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2022\2QMethod : V101_220719N_8260.m
Data File : V01220719N07.D Operator : VOA101:PD
Date Inj'd : 7/19/2022 9:49 pm Instrument : VOA 101
Sample : I8260STD0.5PPB Quant Date : 7/20/2022 3:08 pm

Compound #67: Ethyl methacrylate



Original Peak Response = 485



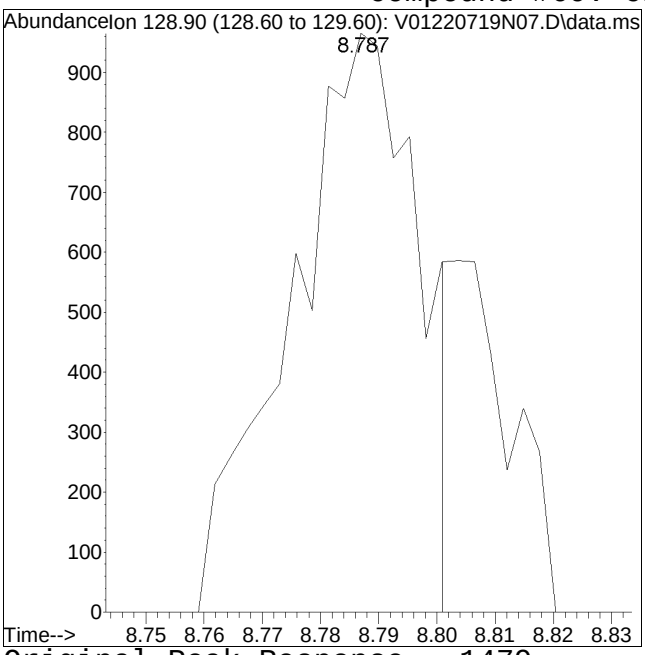
Manual Peak Response = 1202 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

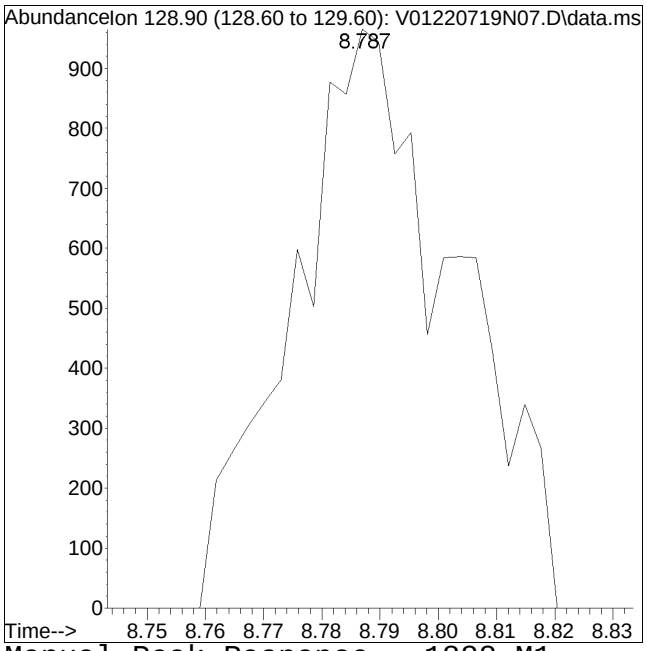
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2022\2QMethod : V101_220719N_8260.m
Data File : V01220719N07.D Operator : VOA101:PD
Date Inj'd : 7/19/2022 9:49 pm Instrument : VOA 101
Sample : I8260STD0.5PPB Quant Date : 7/20/2022 3:08 pm

Compound #69: Chlorodibromomethane



Original Peak Response = 1479



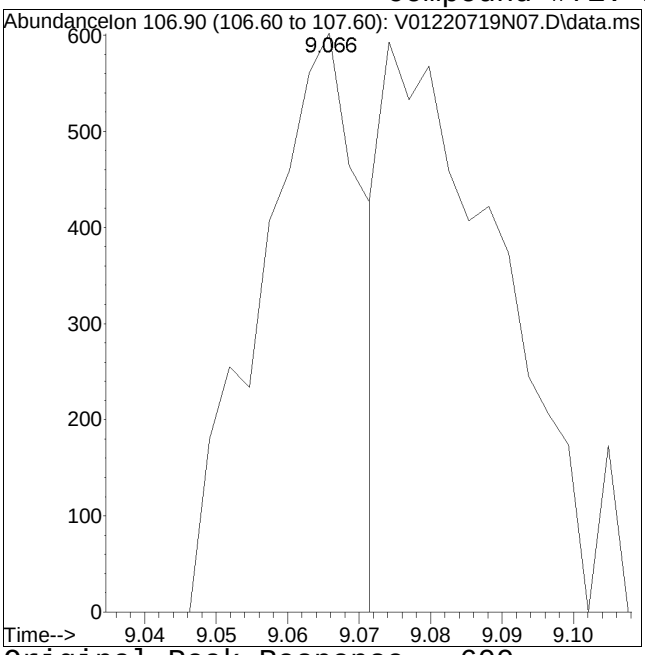
Manual Peak Response = 1888 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

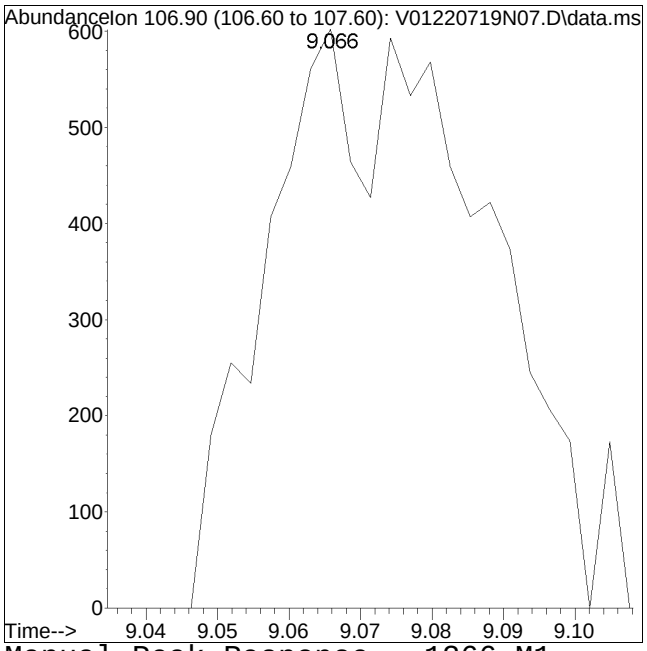
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2022\2QMethod : V101_220719N_8260.m
Data File : V01220719N07.D Operator : VOA101:PD
Date Inj'd : 7/19/2022 9:49 pm Instrument : VOA 101
Sample : I8260STD0.5PPB Quant Date : 7/20/2022 3:08 pm

Compound #71: 1,2-Dibromoethane



Original Peak Response = 600



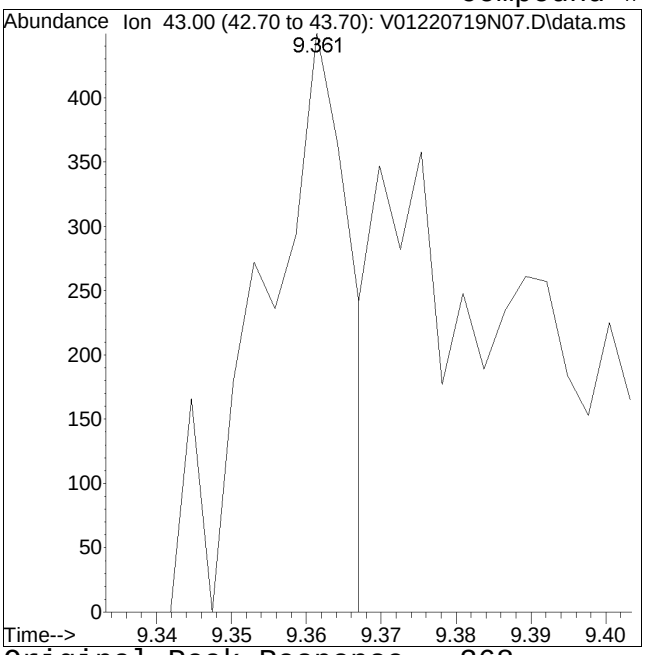
Manual Peak Response = 1266 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

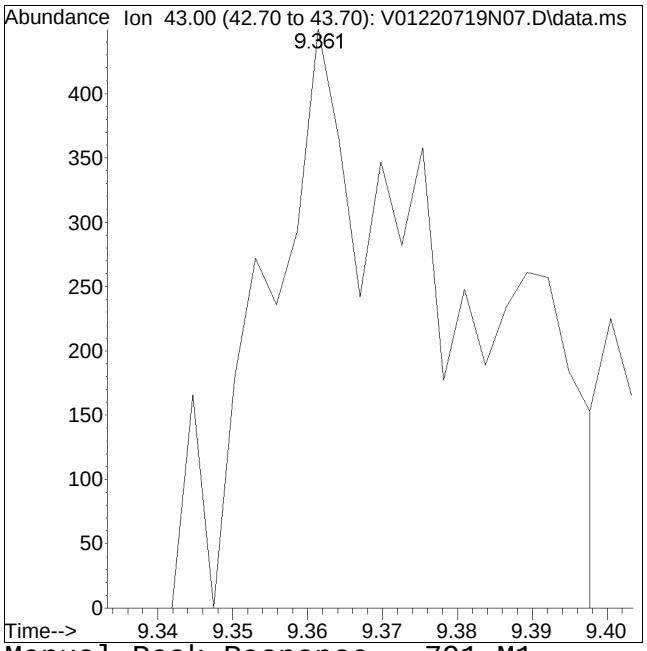
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2022\2QMethod : V101_220719N_8260.m
Data File : V01220719N07.D Operator : VOA101:PD
Date Inj'd : 7/19/2022 9:49 pm Instrument : VOA 101
Sample : I8260STD0.5PPB Quant Date : 7/20/2022 3:08 pm

Compound #72: 2-Hexanone



Original Peak Response = 368



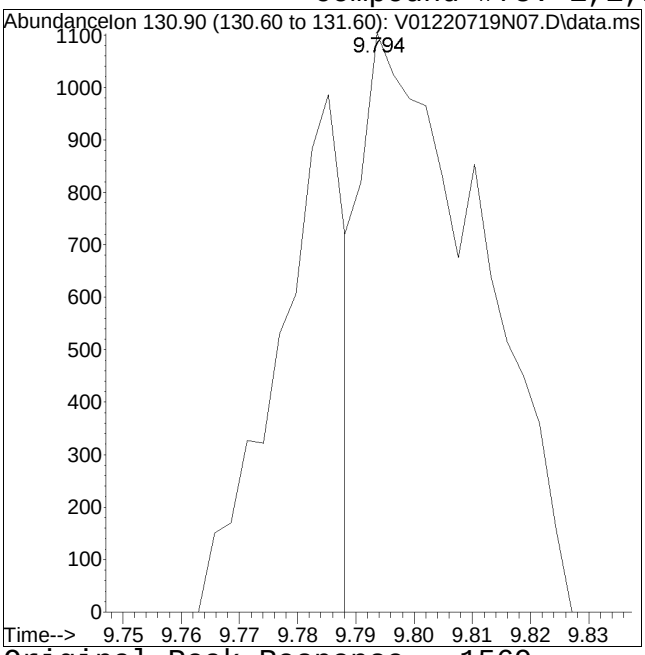
Manual Peak Response = 791 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

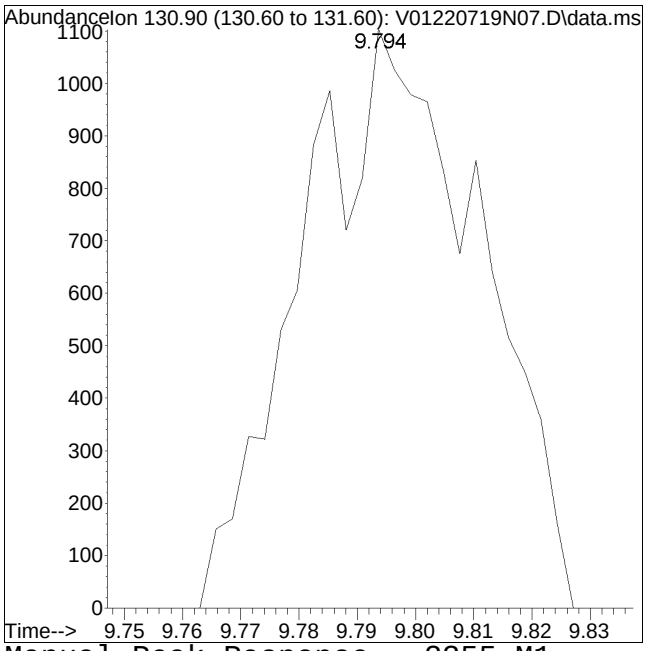
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2022\2QMethod : V101_220719N_8260.m
Data File : V01220719N07.D Operator : VOA101:PD
Date Inj'd : 7/19/2022 9:49 pm Instrument : VOA 101
Sample : I8260STD0.5PPB Quant Date : 7/20/2022 3:08 pm

Compound #75: 1,1,1,2-Tetrachloroethane



Original Peak Response = 1569



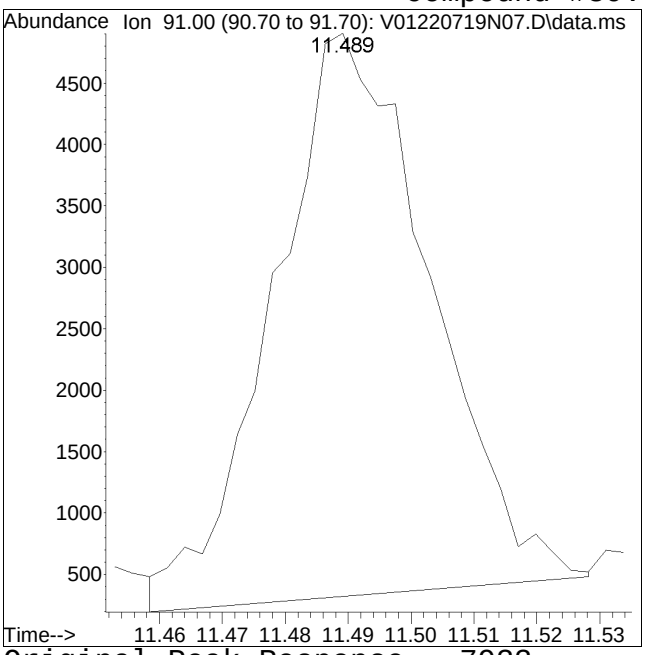
Manual Peak Response = 2355 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

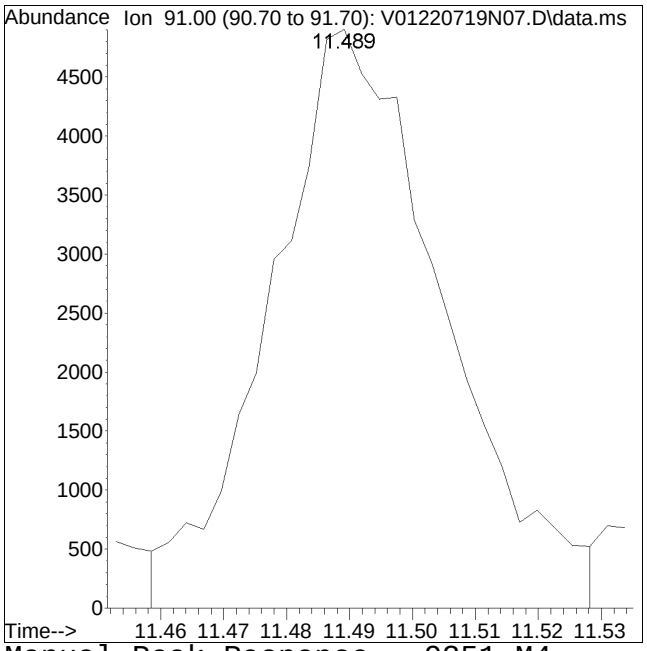
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2022\2QMethod : V101_220719N_8260.m
Data File : V01220719N07.D Operator : VOA101:PD
Date Inj'd : 7/19/2022 9:49 pm Instrument : VOA 101
Sample : I8260STD0.5PPB Quant Date : 7/20/2022 3:08 pm

Compound #89: 2-Chlorotoluene



Original Peak Response = 7933



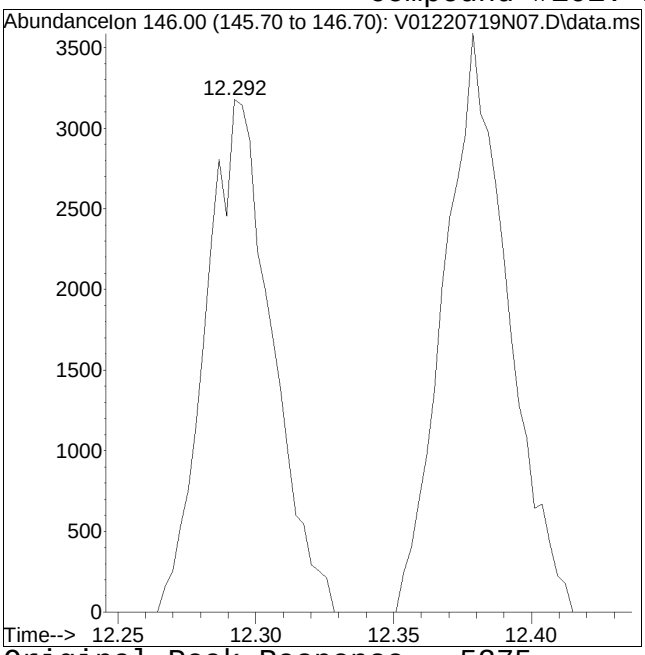
Manual Peak Response = 9351 M4

M4 = Poor automated baseline construction.

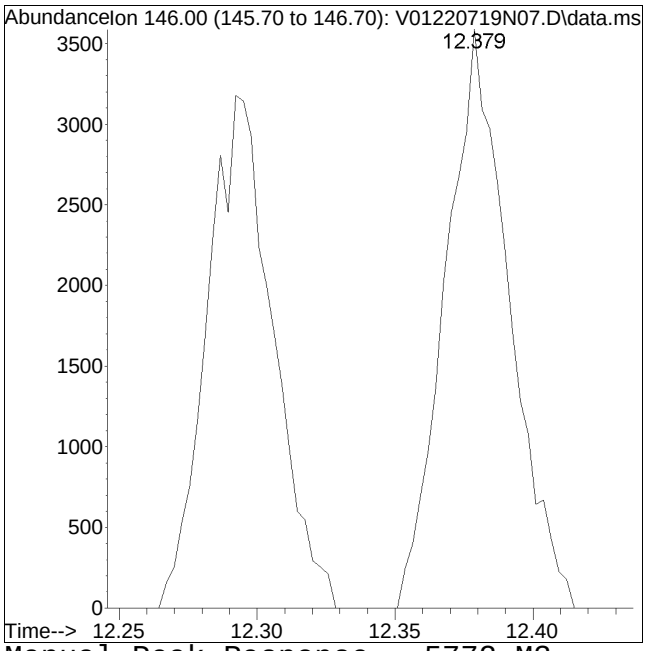
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2022\2QMethod : V101_220719N_8260.m
Data File : V01220719N07.D Operator : VOA101:PD
Date Inj'd : 7/19/2022 9:49 pm Instrument : VOA 101
Sample : I8260STD0.5PPB Quant Date : 7/20/2022 3:08 pm

Compound #101: 1,4-Dichlorobenzene



Original Peak Response = 5275



Manual Peak Response = 5772 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2022\220719NICAL\
Data File : V01220719N09.D
Acq On : 19 Jul 2022 10:36 pm
Operator : VOA101:PD
Sample : I8260STD2PPB
Misc : WG1665246,ICAL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 20 15:09:28 2022
Quant Method : I:\VOLATILES\VOA101\2022\220719NICAL\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 15:08:30 2022
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2022\220719NICAL\V01220719N10.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.152	96	288035	10.000	ug/L	0.00
Standard Area 1 = 297967			Recovery = 96.67%			
59) Chlorobenzene-d5	9.693	117	223758	10.000	ug/L	0.00
Standard Area 1 = 229324			Recovery = 97.57%			
79) 1,4-Dichlorobenzene-d4	12.365	152	109608	10.000	ug/L	0.00
Standard Area 1 = 111060			Recovery = 98.69%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.337	113	73530	10.109	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.09%			
43) 1,2-Dichloroethane-d4	5.867	65	72259	10.277	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.77%			
60) Toluene-d8	7.842	98	287941	10.031	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.31%			
83) 4-Bromofluorobenzene	11.168	95	103790	9.964	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.64%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.726	85	17262	2.149	ug/L	96
3) Chloromethane	1.913	50	28567	2.221	ug/L	98
4) Vinyl chloride	1.997	62	19713	2.103	ug/L	97
5) Bromomethane	2.317	94	5504	1.818	ug/L	99
6) Chloroethane	2.434	64	11968	2.230	ug/L	97
7) Trichlorofluoromethane	2.579	101	23000	2.087	ug/L	99
8) Ethyl ether	2.886	74	4943	2.089	ug/L #	61
10) 1,1-Dichloroethene	3.081	96	12863	2.056	ug/L	81
11) Carbon disulfide	3.112	76	34242	2.008	ug/L	99
12) Freon-113	3.118	101	14535	2.103	ug/L	95
13) Iodomethane	3.218	142	14672	1.712	ug/L #	93
14) Acrolein	3.405	56	1012M1	1.735	ug/L	
15) Methylene chloride	3.639	84	14866	2.296	ug/L #	65
17) Acetone	3.681	43	3845	2.662	ug/L #	73
18) trans-1,2-Dichloroethene	3.795	96	13958	2.048	ug/L	85
19) Methyl acetate	3.801	43	7718M1	2.181	ug/L	
20) Methyl tert-butyl ether	3.882	73	21897	2.023	ug/L #	84
21) tert-Butyl alcohol	3.974	59	2308	10.112	ug/L #	76
22) Diisopropyl ether	4.247	45	54856	1.978	ug/L	94
23) 1,1-Dichloroethane	4.381	63	31340	2.092	ug/L	96
24) Halothane	4.423	117	11339	2.069	ug/L	99

Data Path : I:\VOLATILES\VOA101\2022\220719NICAL\
Data File : V01220719N09.D
Acq On : 19 Jul 2022 10:36 pm
Operator : VOA101:PD
Sample : I8260STD2PPB
Misc : WG1665246,ICAL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 20 15:09:28 2022
Quant Method : I:\VOLATILES\VOA101\2022\220719NICAL\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 15:08:30 2022
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2022\220719NICAL\V01220719N10.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Acrylonitrile	4.442	53	2301M3	1.822	ug/L		
26) Ethyl tert-butyl ether	4.593	59	38353	1.940	ug/L		85
27) Vinyl acetate	4.615	43	19518	1.700	ug/L	#	82
28) cis-1,2-Dichloroethene	4.897	96	14930	2.052	ug/L	#	84
29) 2,2-Dichloropropane	4.994	77	19288M1	2.142	ug/L		
30) Bromochloromethane	5.092	128	5542	2.154	ug/L	#	39
31) Cyclohexane	5.098	56	33806	2.010	ug/L	#	41
32) Chloroform	5.162	83	25255M4	2.105	ug/L		
33) Ethyl acetate	5.273	43	6658M1	1.778	ug/L		
34) Carbon tetrachloride	5.296	117	20522	2.027	ug/L		97
35) Tetrahydrofuran	5.323	42	2772	2.295	ug/L	#	71
37) 1,1,1-Trichloroethane	5.362	97	21710	2.037	ug/L	#	93
39) 2-Butanone	5.463	43	2643M1	1.702	ug/L		
40) 1,1-Dichloropropene	5.488	75	19640	2.023	ug/L	#	85
41) Benzene	5.736	78	56718	2.037	ug/L	#	90
42) tert-Amyl methyl ether	5.839	73	23870	1.954	ug/L	#	80
44) 1,2-Dichloroethane	5.943	62	16319	2.156	ug/L		98
47) Methyl cyclohexane	6.322	83	22937	1.984	ug/L	#	66
48) Trichloroethene	6.336	95	15351	2.108	ug/L		98
50) Dibromomethane	6.776	93	5787	2.123	ug/L		95
51) 1,2-Dichloropropane	6.877	63	16093	2.046	ug/L		96
53) 2-Chloroethyl vinyl ether	7.566	63	334	2.029	ug/L	#	68
54) Bromodichloromethane	6.946	83	15767	1.959	ug/L	#	98
57) 1,4-Dioxane	7.153	88	8925	393.592	ug/L	#	80
58) cis-1,3-Dichloropropene	7.638	75	17046	1.852	ug/L	#	88
61) Toluene	7.903	92	36329	2.069	ug/L		99
62) 4-Methyl-2-pentanone	8.335	58	2152	1.679	ug/L	#	74
63) Tetrachloroethene	8.352	166	15528	2.022	ug/L		98
65) trans-1,3-Dichloropropene	8.385	75	12611	1.865	ug/L		94
67) Ethyl methacrylate	8.575	69	7898	1.658	ug/L		93
68) 1,1,2-Trichloroethane	8.572	83	6713	2.112	ug/L		97
69) Chlorodibromomethane	8.784	129	9486	1.961	ug/L		95
70) 1,3-Dichloropropane	8.901	76	14300	2.082	ug/L		100
71) 1,2-Dibromoethane	9.066	107	7279	2.101	ug/L		96
72) 2-Hexanone	9.356	43	4088M1	1.816	ug/L		
73) Chlorobenzene	9.713	112	37875	2.060	ug/L		96
74) Ethylbenzene	9.752	91	66830	1.977	ug/L		100
75) 1,1,1,2-Tetrachloroethane	9.796	131	12185	1.974	ug/L	#	79
76) p/m Xylene	9.936	106	50916	3.947	ug/L		100
77) o Xylene	10.471	106	48549	4.006	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2022\220719NICAL\
Data File : V01220719N09.D
Acq On : 19 Jul 2022 10:36 pm
Operator : VOA101:PD
Sample : I8260STD2PPB
Misc : WG1665246,ICAL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 20 15:09:28 2022
Quant Method : I:\VOLATILES\VOA101\2022\220719NICAL\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 15:08:30 2022
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2022\220719NICAL\V01220719N10.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
78) Styrene	10.535	104	69456	3.772	ug/L		97
80) Bromoform	10.569	173	4711	1.937	ug/L		97
82) Isopropylbenzene	10.848	105	64165	1.958	ug/L		97
84) Bromobenzene	11.277	156	13755	2.021	ug/L		98
85) n-Propylbenzene	11.322	91	73641	1.954	ug/L		100
86) 1,4-Dichlorobutane	11.336	55	17160	2.098	ug/L		99
87) 1,1,2,2-Tetrachloroethane	11.405	83	7642	2.045	ug/L		94
88) 4-Ethyltoluene	11.445	105	60109	1.951	ug/L		99
89) 2-Chlorotoluene	11.489	91	43966M4	1.972	ug/L		
90) 1,3,5-Trimethylbenzene	11.542	105	50483	1.969	ug/L		98
91) 1,2,3-Trichloropropane	11.548	75	6888M1	2.154	ug/L		
92) trans-1,4-Dichloro-2-b...	11.595	53	2616	1.971	ug/L	#	54
93) 4-Chlorotoluene	11.670	91	44130	1.992	ug/L		99
94) tert-Butylbenzene	11.877	119	40996	1.930	ug/L		100
97) 1,2,4-Trimethylbenzene	11.952	105	46773	1.917	ug/L		99
98) sec-Butylbenzene	12.066	105	58646	1.968	ug/L		97
99) p-Isopropyltoluene	12.214	119	46655	1.895	ug/L		98
100) 1,3-Dichlorobenzene	12.289	146	25559	1.991	ug/L		97
101) 1,4-Dichlorobenzene	12.381	146	25970	2.024	ug/L		95
102) p-Diethylbenzene	12.588	119	25223	1.844	ug/L		97
103) n-Butylbenzene	12.649	91	38546	1.946	ug/L		99
104) 1,2-Dichlorobenzene	12.803	146	22012	2.040	ug/L		99
105) 1,2,4,5-Tetramethylben...	13.377	119	32202	1.759	ug/L		98
106) 1,2-Dibromo-3-chloropr...	13.581	155	900	1.907	ug/L	#	61
107) 1,3,5-Trichlorobenzene	13.608	180	13627	1.989	ug/L		99
108) Hexachlorobutadiene	14.175	225	4917	2.002	ug/L		98
109) 1,2,4-Trichlorobenzene	14.205	180	9495	1.902	ug/L		99
110) Naphthalene	14.501	128	13657	1.833	ug/L		100
111) 1,2,3-Trichlorobenzene	14.668	180	7224	2.021	ug/L		99

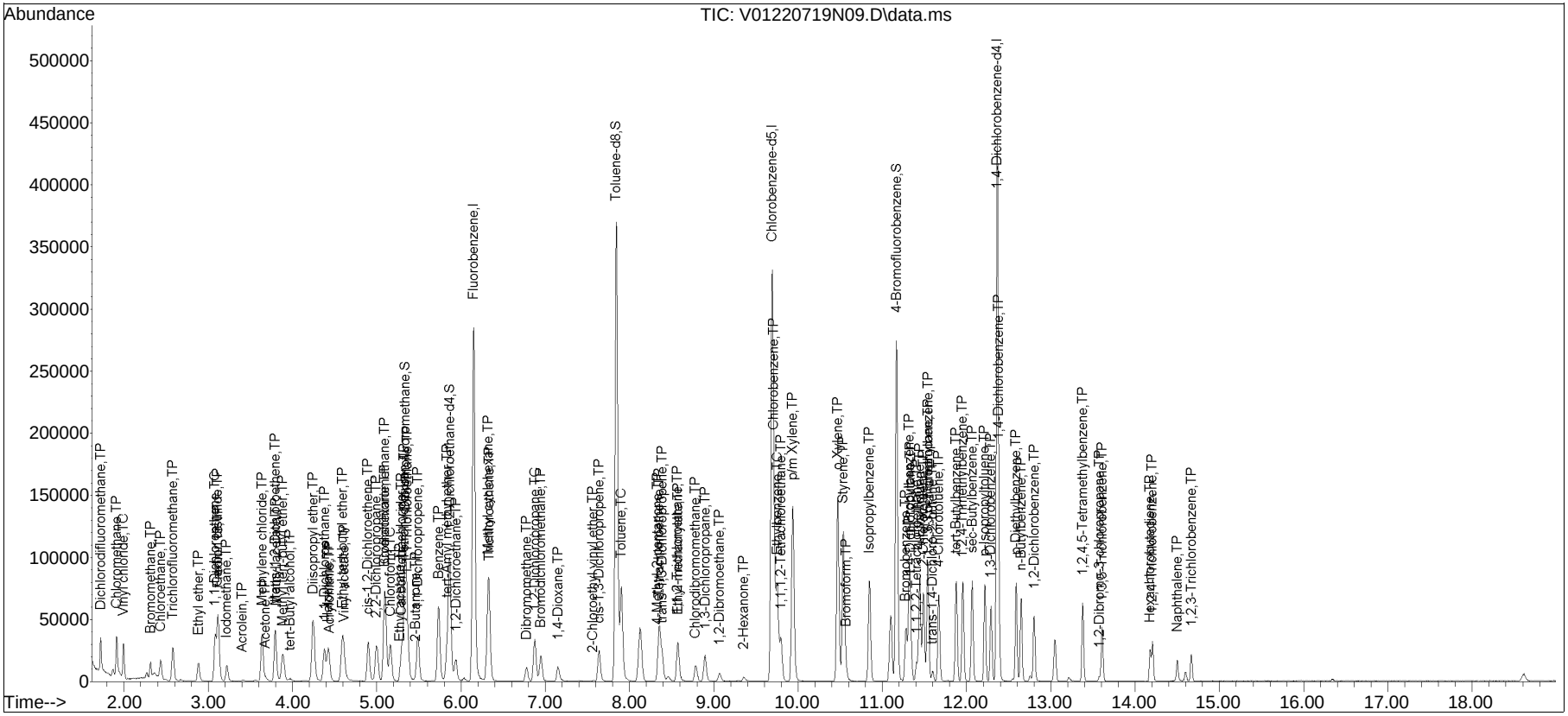
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2022\220719NICAL\
Data File : V01220719N09.D
Acq On : 19 Jul 2022 10:36 pm
Operator : VOA101:PD
Sample : I8260STD2PPB
Misc : WG1665246,ICAL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 20 15:09:28 2022
Quant Method : I:\VOLATILES\VOA101\2022\220719NICAL\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 15:08:30 2022
Response via : Initial Calibration

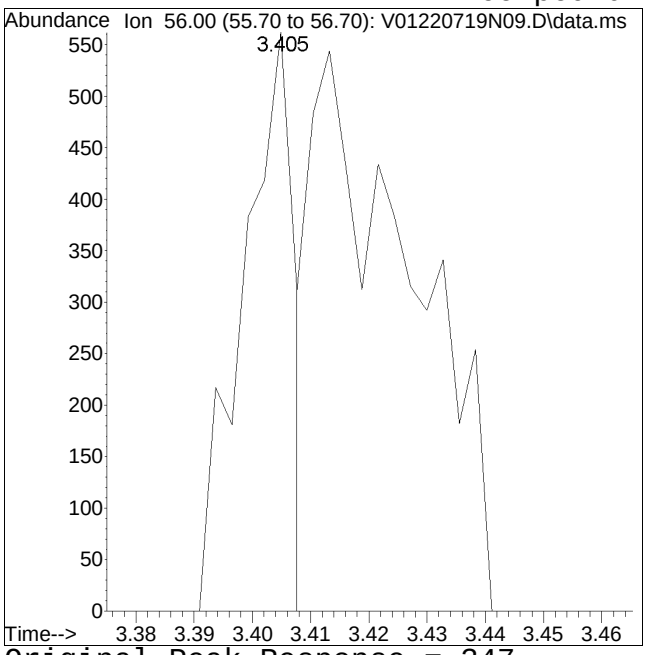
Sub List : 8260-Curve - Megamix plus Diox20719NICAL\V01220719N10.D•



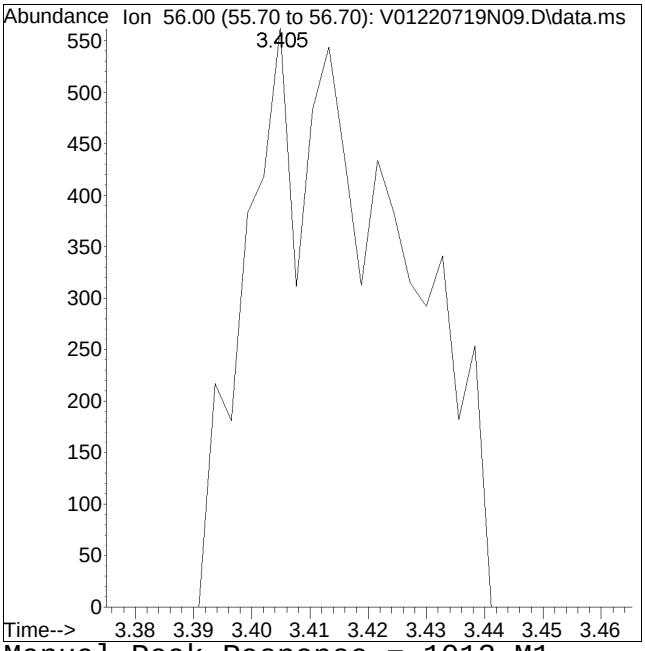
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2022\2QMethod : V101_220719N_8260.m
Data File : V01220719N09.D Operator : VOA101:PD
Date Inj'd : 7/19/2022 10:36 pm Instrument : VOA 101
Sample : I8260STD2PPB Quant Date : 7/20/2022 3:09 pm

Compound #14: Acrolein



Original Peak Response = 347



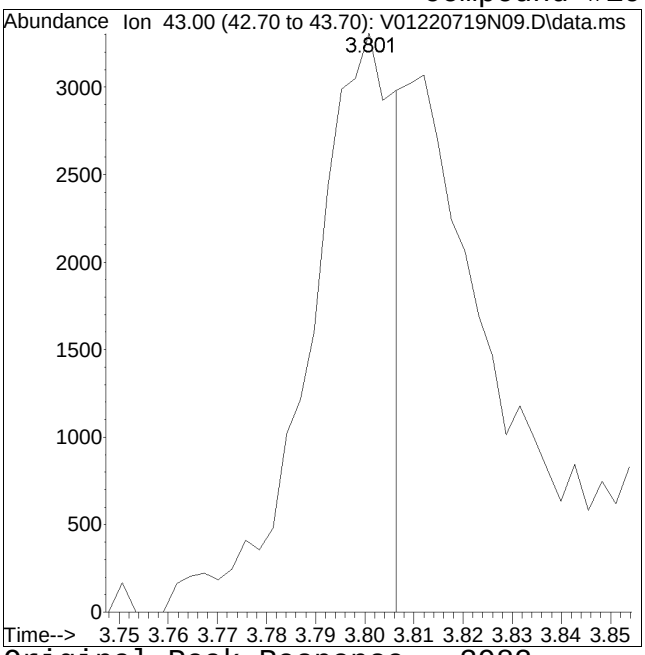
Manual Peak Response = 1012 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

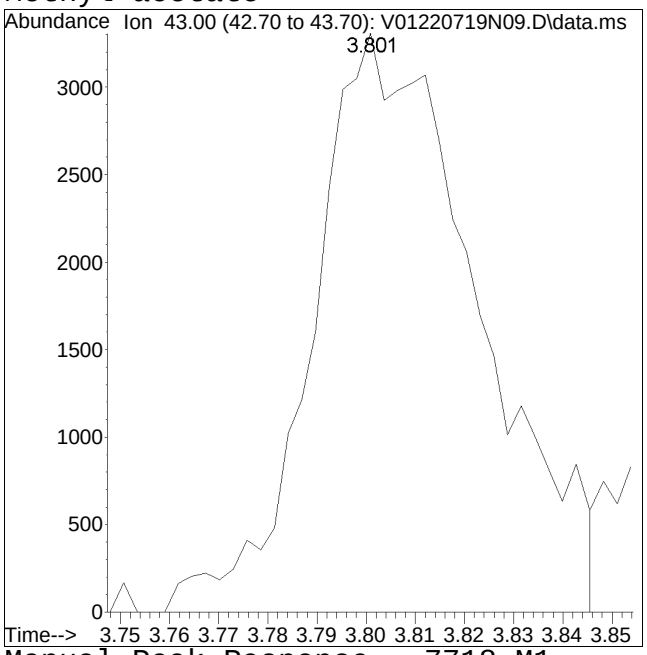
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2022\2QMethod : V101_220719N_8260.m
Data File : V01220719N09.D Operator : VOA101:PD
Date Inj'd : 7/19/2022 10:36 pm Instrument : VOA 101
Sample : I8260STD2PPB Quant Date : 7/20/2022 3:09 pm

Compound #19: Methyl acetate



Original Peak Response = 3982



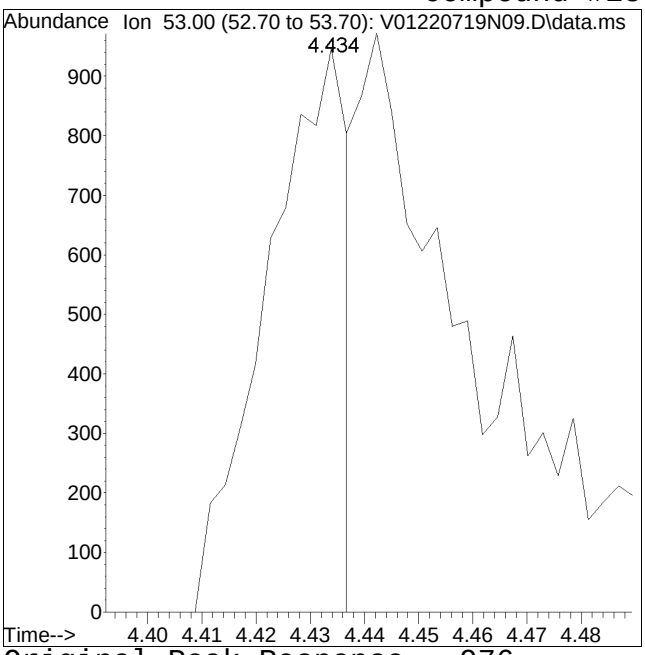
Manual Peak Response = 7718 M1

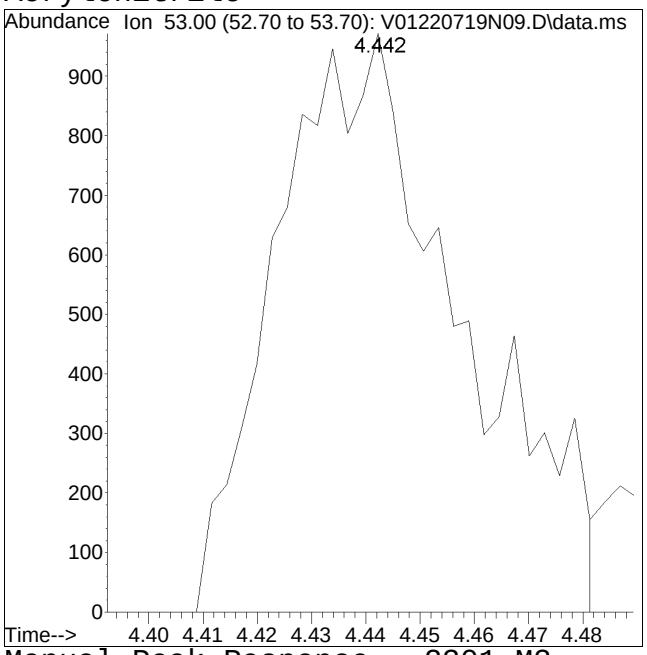
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2022\2QMethod : V101_220719N_8260.m
Data File : V01220719N09.D Operator : VOA101:PD
Date Inj'd : 7/19/2022 10:36 pm Instrument : VOA 101
Sample : I8260STD2PPB Quant Date : 7/20/2022 3:09 pm

Compound #25: Acrylonitrile





Original Peak Response = 976 Manual Peak Response = 2301 M3

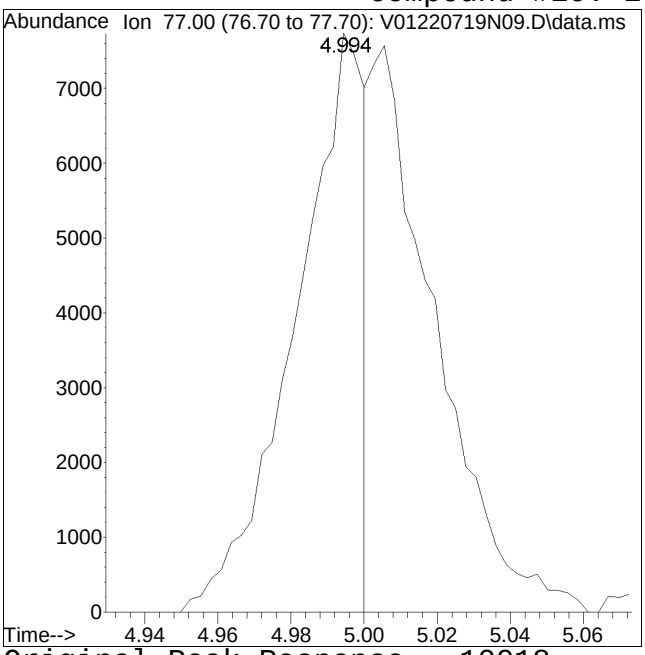
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

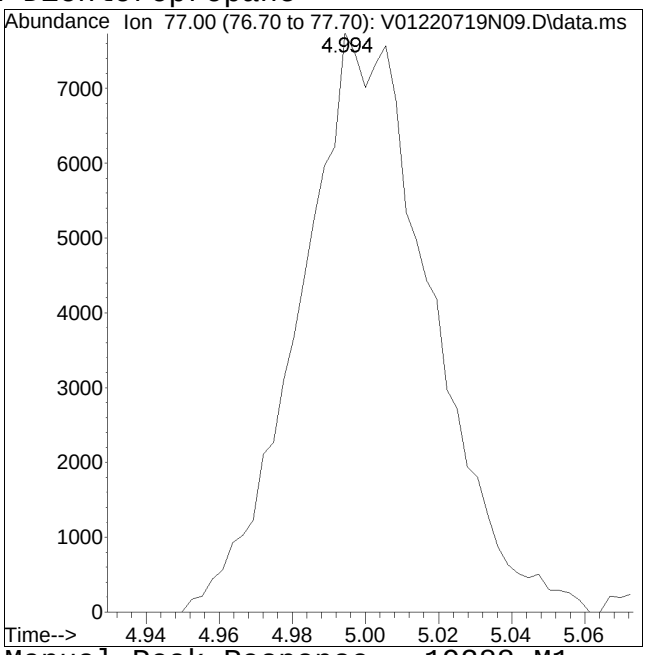
Data Path : I:\VOLATILES\VOA101\2022\2Q
Data File : V01220719N09.D
Date Inj'd : 7/19/2022 10:36 pm
Sample : I8260STD2PPB

Method : V101_220719N_8260.m
Operator : VOA101:PD
Instrument : VOA 101
Quant Date : 7/20/2022 3:09 pm

Compound #29: 2,2-Dichloropropane



Original Peak Response = 10018



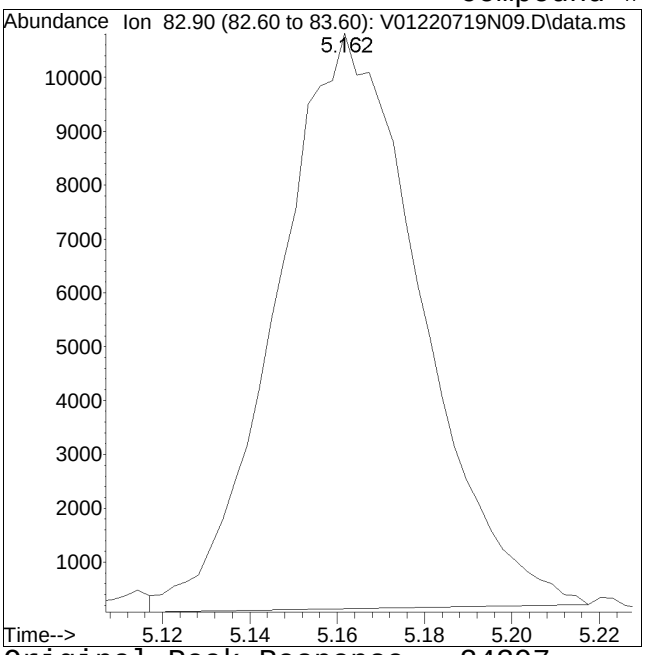
Manual Peak Response = 19288 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

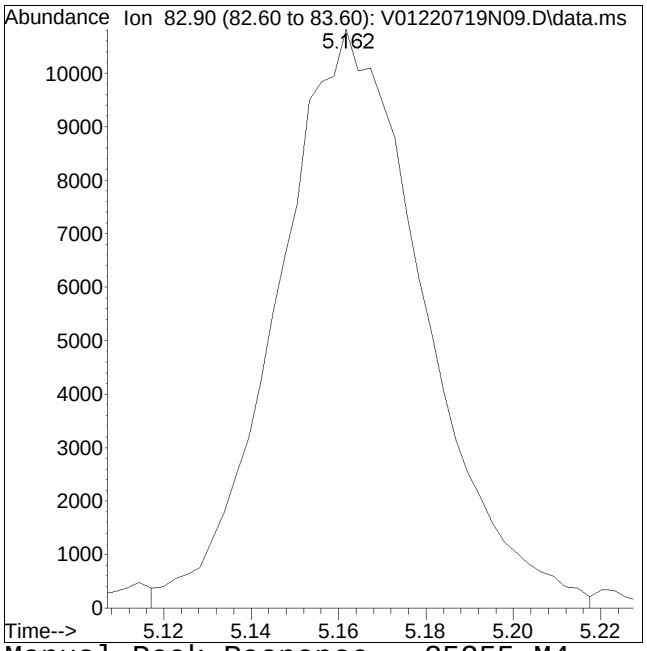
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2022\2QMethod : V101_220719N_8260.m
Data File : V01220719N09.D Operator : VOA101:PD
Date Inj'd : 7/19/2022 10:36 pm Instrument : VOA 101
Sample : I8260STD2PPB Quant Date : 7/20/2022 3:09 pm

Compound #32: Chloroform



Original Peak Response = 24397



Manual Peak Response = 25255 M4

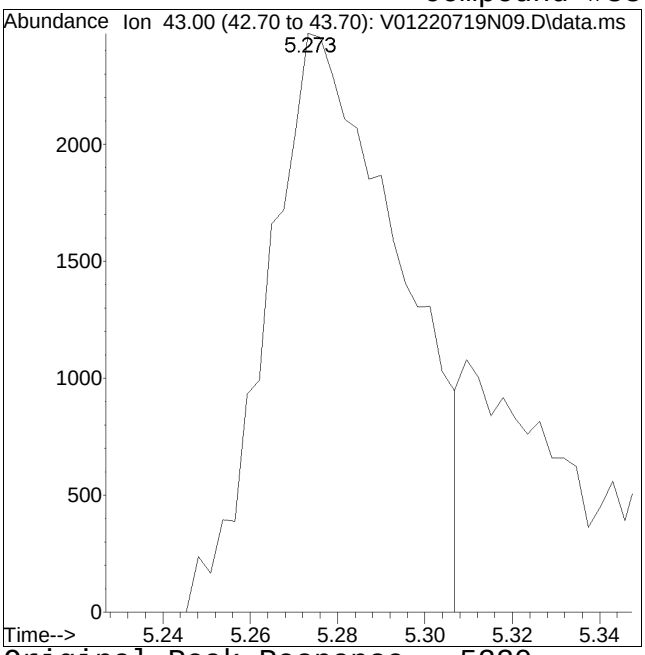
M4 = Poor automated baseline construction.

Manual Integration Report

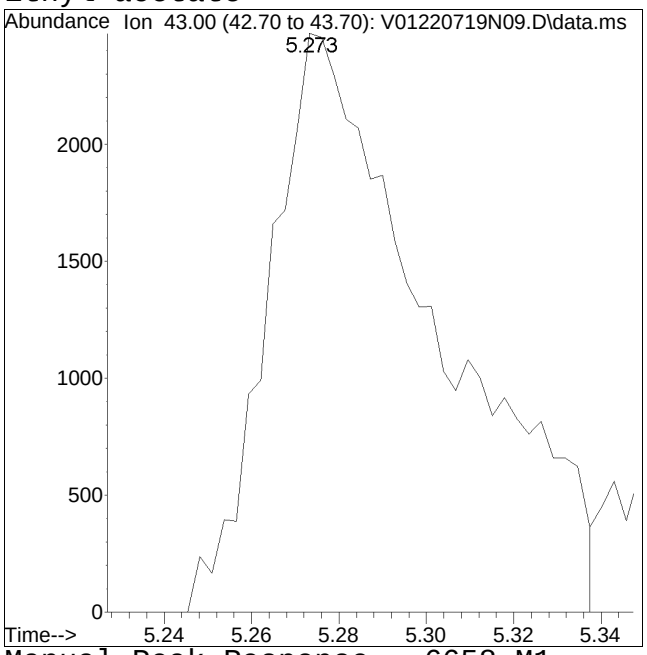
Data Path : I:\VOLATILES\VOA101\2022\2Q
Data File : V01220719N09.D
Date Inj'd : 7/19/2022 10:36 pm
Sample : I8260STD2PPB

Method : V101_220719N_8260.m
Operator : VOA101:PD
Instrument : VOA 101
Quant Date : 7/20/2022 3:09 pm

Compound #33: Ethyl acetate



Original Peak Response = 5230



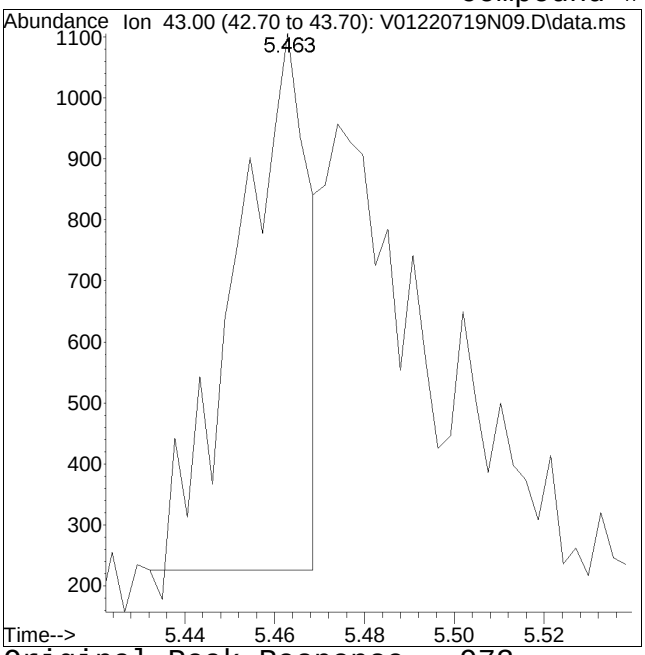
Manual Peak Response = 6658 M1

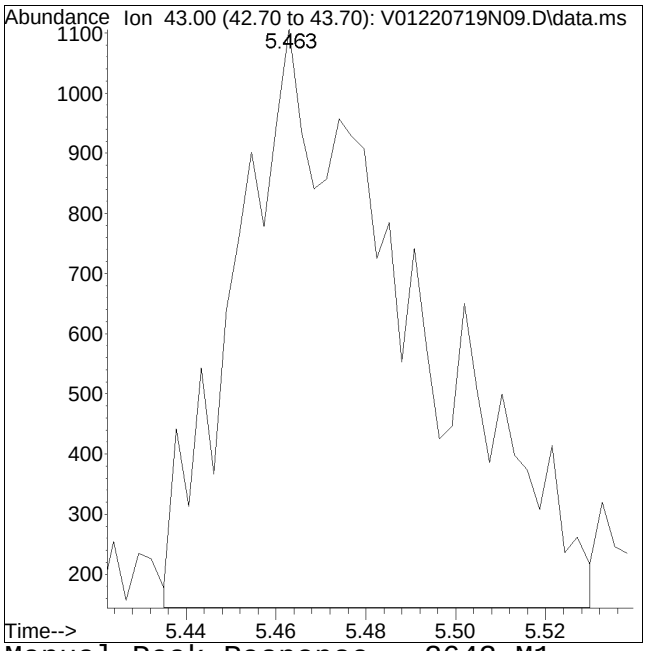
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2022\2QMethod : V101_220719N_8260.m
Data File : V01220719N09.D Operator : VOA101:PD
Date Inj'd : 7/19/2022 10:36 pm Instrument : VOA 101
Sample : I8260STD2PPB Quant Date : 7/20/2022 3:09 pm

Compound #39: 2-Butanone



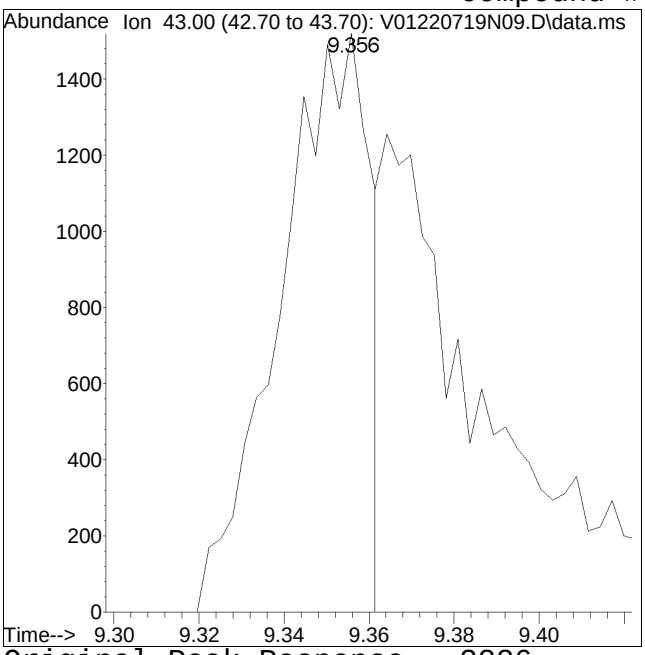


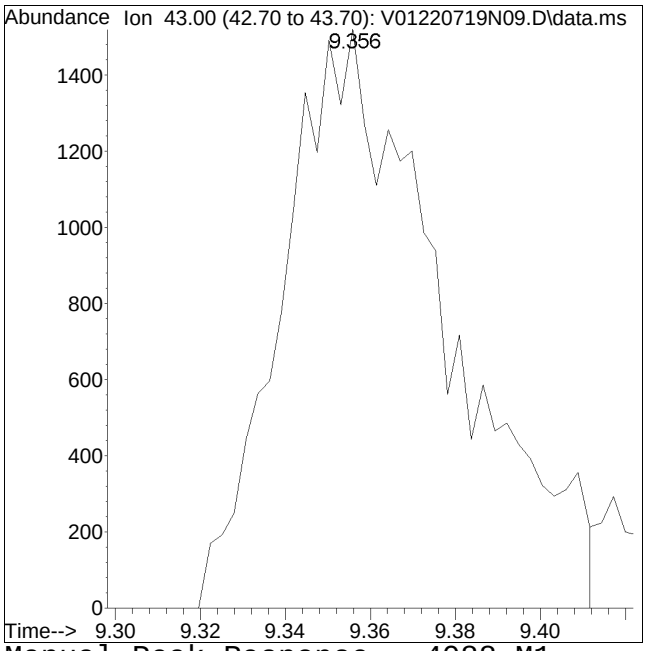
Original Peak Response = 973 Manual Peak Response = 2643 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2022\2QMethod : V101_220719N_8260.m
Data File : V01220719N09.D Operator : VOA101:PD
Date Inj'd : 7/19/2022 10:36 pm Instrument : VOA 101
Sample : I8260STD2PPB Quant Date : 7/20/2022 3:09 pm

Compound #72: 2-Hexanone



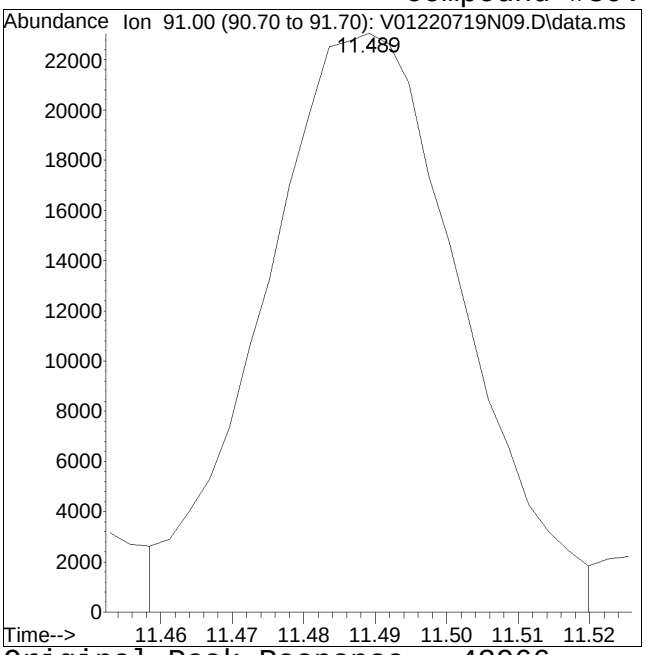


Original Peak Response = 2226 Manual Peak Response = 4088 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

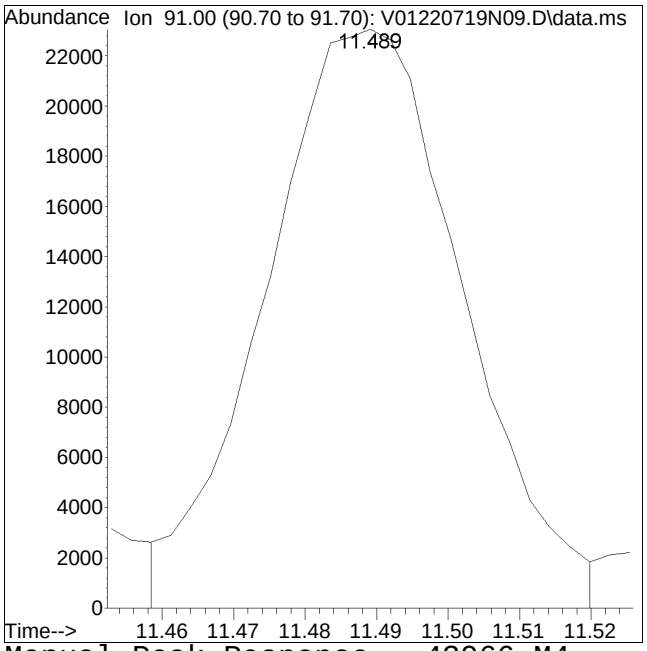
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2022\2QMethod : V101_220719N_8260.m
Data File : V01220719N09.D Operator : VOA101:PD
Date Inj'd : 7/19/2022 10:36 pm Instrument : VOA 101
Sample : I8260STD2PPB Quant Date : 7/20/2022 3:09 pm

Compound #89: 2-Chlorotoluene



Original Peak Response = 43966



Manual Peak Response = 43966 M4

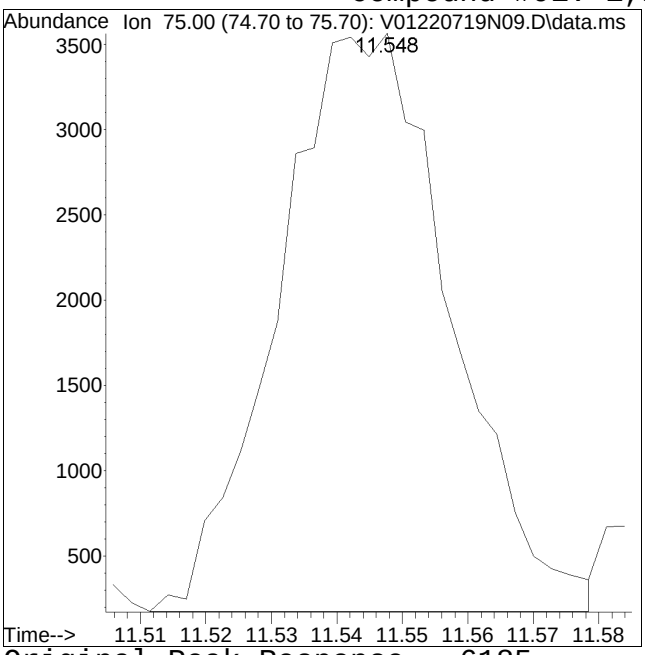
M4 = Poor automated baseline construction.

Manual Integration Report

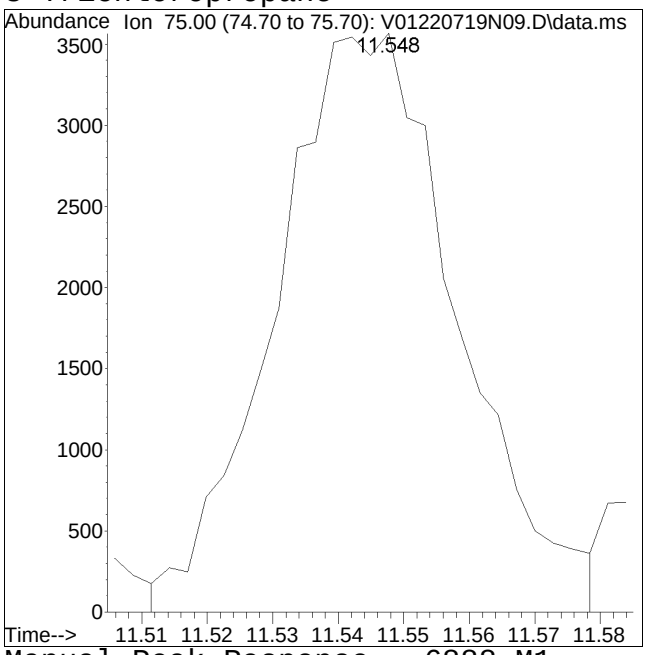
Data Path : I:\VOLATILES\VOA101\2022\2Q
Data File : V01220719N09.D
Date Inj'd : 7/19/2022 10:36 pm
Sample : I8260STD2PPB

Method : V101_220719N_8260.m
Operator : VOA101:PD
Instrument : VOA 101
Quant Date : 7/20/2022 3:09 pm

Compound #91: 1,2,3-Trichloropropane



Original Peak Response = 6185



Manual Peak Response = 6888 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2022\220719NICAL\
Data File : V01220719N10.D
Acq On : 19 Jul 2022 11:00 pm
Operator : VOA101:PD
Sample : I8260STD10PPB
Misc : WG1665246,ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 20 11:25:14 2022
Quant Method : I:\VOLATILES\VOA101\2022\220719NICAL\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 11:23:17 2022
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2022\220719NICAL\V01220719N10.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.149	96	297967	10.000	ug/L	0.00
Standard Area 1 = 297967			Recovery = 100.00%			
59) Chlorobenzene-d5	9.693	117	229324	10.000	ug/L	0.00
Standard Area 1 = 229324			Recovery = 100.00%			
79) 1,4-Dichlorobenzene-d4	12.362	152	111060	10.000	ug/L	0.00
Standard Area 1 = 111060			Recovery = 100.00%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.338	113	74046	9.841	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.41%			
43) 1,2-Dichloroethane-d4	5.865	65	70361	9.674	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.74%			
60) Toluene-d8	7.842	98	299375	10.176	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.76%			
83) 4-Bromofluorobenzene	11.169	95	104713	9.922	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.22%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.723	85	87670	10.552	ug/L	99
3) Chloromethane	1.913	50	135963	10.217	ug/L	99
4) Vinyl chloride	1.994	62	100771	10.394	ug/L	100
5) Bromomethane	2.315	94	32042	8.548	ug/L	99
6) Chloroethane	2.437	64	58861	10.604	ug/L	97
7) Trichlorofluoromethane	2.582	101	119470	10.477	ug/L	98
8) Ethyl ether	2.886	74	23695	9.680	ug/L #	61
10) 1,1-Dichloroethene	3.084	96	66271	10.241	ug/L	80
11) Carbon disulfide	3.115	76	173271	9.824	ug/L	99
12) Freon-113	3.121	101	74094	10.365	ug/L	95
13) Iodomethane	3.224	142	90877	10.251	ug/L	99
14) Acrolein	3.402	56	5446	9.025	ug/L #	52
15) Methylene chloride	3.636	84	66859	9.982	ug/L #	69
17) Acetone	3.678	43	14355M4	9.606	ug/L	
18) trans-1,2-Dichloroethene	3.795	96	71621	10.161	ug/L	87
19) Methyl acetate	3.795	43	26152	9.253	ug/L #	79
20) Methyl tert-butyl ether	3.887	73	110772	9.891	ug/L #	87
21) tert-Butyl alcohol	3.966	59	12046	51.017	ug/L #	72
22) Diisopropyl ether	4.244	45	291509	10.162	ug/L	92
23) 1,1-Dichloroethane	4.375	63	159477	10.289	ug/L	96
24) Halothane	4.428	117	58053	10.242	ug/L	99

Data Path : I:\VOLATILES\VOA101\2022\220719NICAL\
Data File : V01220719N10.D
Acq On : 19 Jul 2022 11:00 pm
Operator : VOA101:PD
Sample : I8260STD10PPB
Misc : WG1665246,ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 20 11:25:14 2022
Quant Method : I:\VOLATILES\VOA101\2022\220719NICAL\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 11:23:17 2022
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2022\220719NICAL\V01220719N10.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Acrylonitrile	4.426	53	12033	9.208	ug/L		90
26) Ethyl tert-butyl ether	4.596	59	203072	9.928	ug/L		85
27) Vinyl acetate	4.607	43	103129	8.685	ug/L	#	92
28) cis-1,2-Dichloroethene	4.900	96	76202	10.125	ug/L		85
29) 2,2-Dichloropropane	4.997	77	95118	10.213	ug/L		82
30) Bromochloromethane	5.089	128	28430	10.681	ug/L	#	73
31) Cyclohexane	5.100	56	183393	10.541	ug/L		77
32) Chloroform	5.162	83	125397	10.105	ug/L		97
33) Ethyl acetate	5.271	43	36808	9.503	ug/L	#	88
34) Carbon tetrachloride	5.298	117	107439	10.256	ug/L		99
35) Tetrahydrofuran	5.315	42	12346M1	9.879	ug/L		
37) 1,1,1-Trichloroethane	5.365	97	112216	10.180	ug/L		96
39) 2-Butanone	5.457	43	14707	9.155	ug/L		88
40) 1,1-Dichloropropene	5.485	75	102772	10.232	ug/L		99
41) Benzene	5.734	78	294718	10.229	ug/L	#	90
42) tert-Amyl methyl ether	5.837	73	123141	9.743	ug/L	#	83
44) 1,2-Dichloroethane	5.937	62	76340	9.750	ug/L		99
47) Methyl cyclohexane	6.322	83	121510	10.158	ug/L	#	68
48) Trichloroethene	6.333	95	79067	10.497	ug/L		99
50) Dibromomethane	6.771	93	28211	10.004	ug/L		97
51) 1,2-Dichloropropane	6.871	63	81241	9.983	ug/L		95
53) 2-Chloroethyl vinyl ether	7.568	63	2998M3	9.340	ug/L		
54) Bromodichloromethane	6.944	83	82230	9.875	ug/L		98
57) 1,4-Dioxane	7.153	88	11570	493.229	ug/L	#	78
58) cis-1,3-Dichloropropene	7.633	75	90747	9.530	ug/L	#	90
61) Toluene	7.903	92	184201	10.234	ug/L		99
62) 4-Methyl-2-pentanone	8.330	58	12147	9.250	ug/L	#	92
63) Tetrachloroethene	8.355	166	81571	10.366	ug/L		99
65) trans-1,3-Dichloropropene	8.383	75	66978	9.663	ug/L		89
67) Ethyl methacrylate	8.567	69	43558	8.923	ug/L		97
68) 1,1,2-Trichloroethane	8.570	83	32464	9.967	ug/L		98
69) Chlorodibromomethane	8.781	129	48674	9.816	ug/L		98
70) 1,3-Dichloropropane	8.893	76	70564	10.027	ug/L		100
71) 1,2-Dibromoethane	9.063	107	35757	10.071	ug/L		99
72) 2-Hexanone	9.345	43	22416	9.715	ug/L		95
73) Chlorobenzene	9.713	112	192554	10.219	ug/L		100
74) Ethylbenzene	9.752	91	353222	10.196	ug/L		99
75) 1,1,1,2-Tetrachloroethane	9.799	131	64229	10.152	ug/L		99
76) p/m Xylene	9.933	106	273691	20.703	ug/L		99
77) o Xylene	10.469	106	257055	20.698	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2022\220719NICAL\
Data File : V01220719N10.D
Acq On : 19 Jul 2022 11:00 pm
Operator : VOA101:PD
Sample : I8260STD10PPB
Misc : WG1665246,ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 20 11:25:14 2022
Quant Method : I:\VOLATILES\VOA101\2022\220719NICAL\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 11:23:17 2022
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2022\220719NICAL\V01220719N10.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
78) Styrene	10.533	104	387642	20.538	ug/L		98
80) Bromoform	10.563	173	23729	9.629	ug/L		100
82) Isopropylbenzene	10.845	105	344888	10.388	ug/L		99
84) Bromobenzene	11.280	156	70166	10.174	ug/L		99
85) n-Propylbenzene	11.319	91	394117	10.320	ug/L		100
86) 1,4-Dichlorobutane	11.333	55	83356	10.056	ug/L		97
87) 1,1,2,2-Tetrachloroethane	11.406	83	37296	9.849	ug/L		99
88) 4-Ethyltoluene	11.442	105	321485	10.299	ug/L		100
89) 2-Chlorotoluene	11.486	91	230738M1	10.214	ug/L		
90) 1,3,5-Trimethylbenzene	11.537	105	267626	10.302	ug/L		99
91) 1,2,3-Trichloropropane	11.542	75	32824M1	10.132	ug/L		
92) trans-1,4-Dichloro-2-b...	11.592	53	12669	9.421	ug/L	#	55
93) 4-Chlorotoluene	11.668	91	228902	10.198	ug/L		98
94) tert-Butylbenzene	11.877	119	223409	10.381	ug/L		99
97) 1,2,4-Trimethylbenzene	11.955	105	257025	10.399	ug/L		99
98) sec-Butylbenzene	12.064	105	313989	10.397	ug/L		97
99) p-Isopropyltoluene	12.217	119	257403	10.319	ug/L		99
100) 1,3-Dichlorobenzene	12.287	146	131385	10.100	ug/L		99
101) 1,4-Dichlorobenzene	12.382	146	128676	9.898	ug/L		99
102) p-Diethylbenzene	12.588	119	142003	10.246	ug/L		98
103) n-Butylbenzene	12.644	91	203485	10.137	ug/L		100
104) 1,2-Dichlorobenzene	12.800	146	109092	9.980	ug/L		99
105) 1,2,4,5-Tetramethylben...	13.377	119	185665	10.012	ug/L		98
106) 1,2-Dibromo-3-chloropr...	13.575	155	4289	8.969	ug/L		92
107) 1,3,5-Trichlorobenzene	13.606	180	69631	10.028	ug/L		98
108) Hexachlorobutadiene	14.178	225	24463	9.829	ug/L		98
109) 1,2,4-Trichlorobenzene	14.203	180	48200	9.530	ug/L		98
110) Naphthalene	14.498	128	69734	9.238	ug/L		100
111) 1,2,3-Trichlorobenzene	14.663	180	34406	9.499	ug/L		99

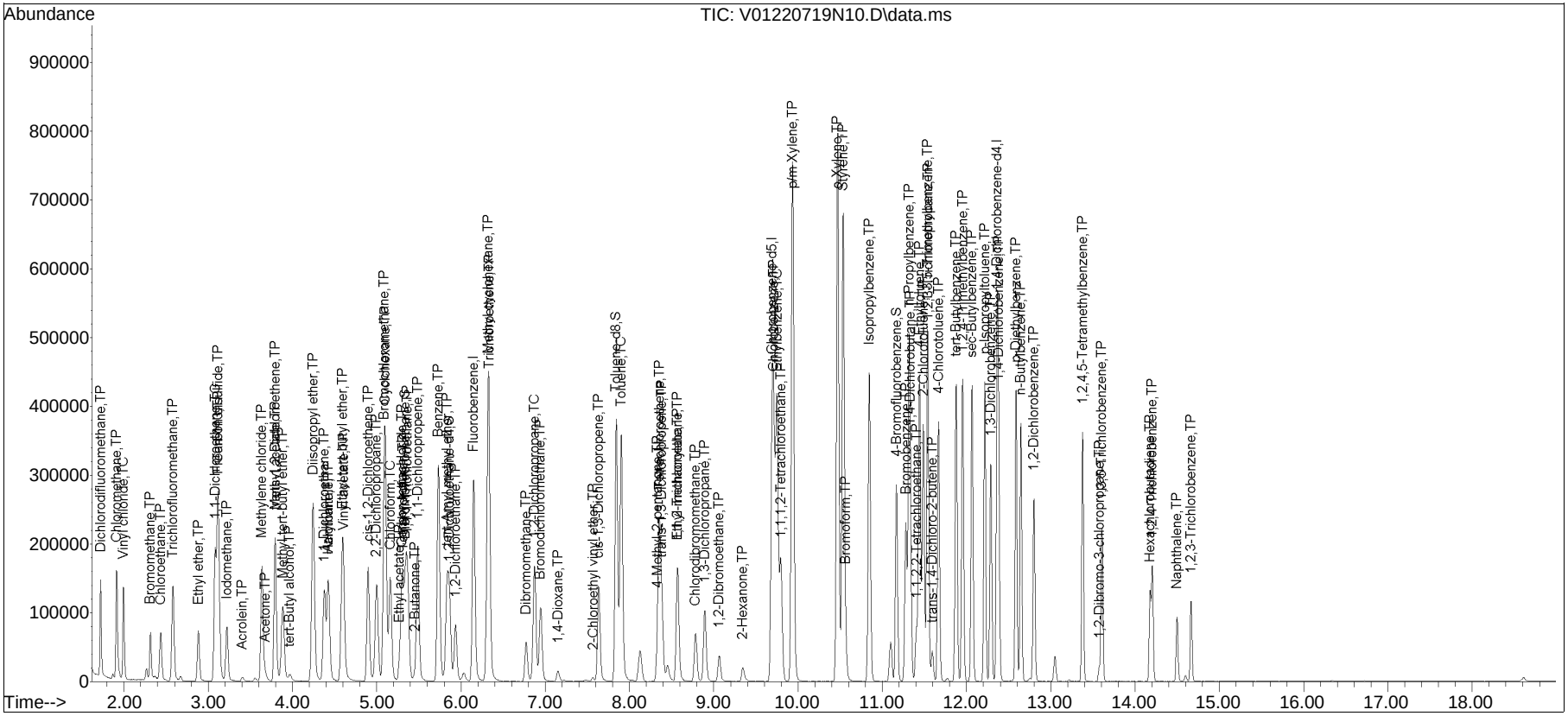
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2022\220719NICAL\
Data File : V01220719N10.D
Acq On : 19 Jul 2022 11:00 pm
Operator : VOA101:PD
Sample : I8260STD10PPB
Misc : WG1665246,ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 20 11:25:14 2022
Quant Method : I:\VOLATILES\VOA101\2022\220719NICAL\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 11:23:17 2022
Response via : Initial Calibration

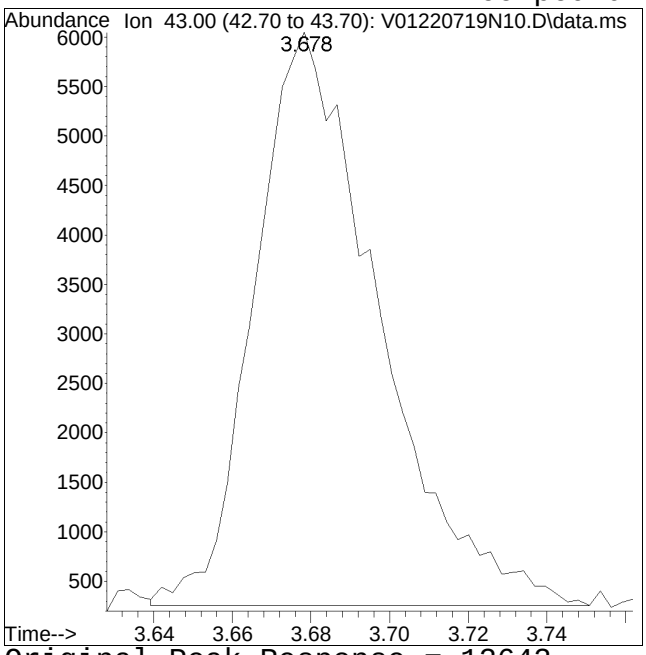
Sub List : 8260-Curve - Megamix plus Diox20719NICAL\V01220719N10.D•



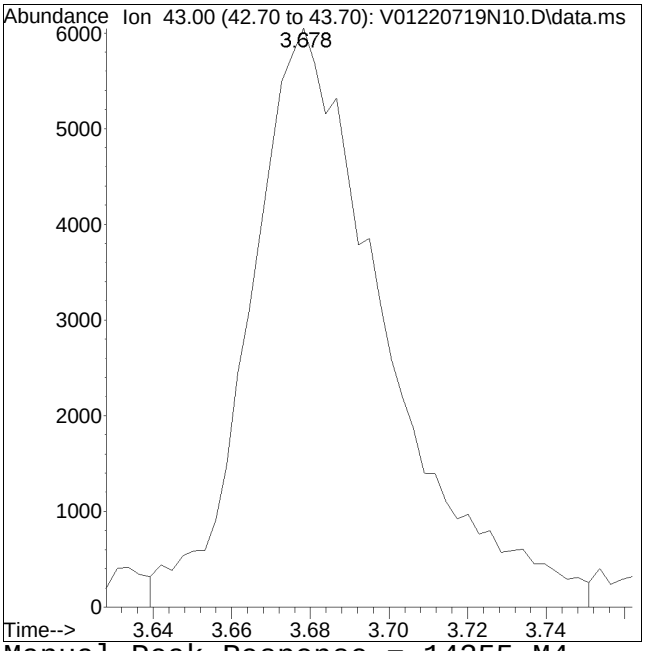
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2022\2QMethod : V101_220719N_8260.m
Data File : V01220719N10.D Operator : VOA101:PD
Date Inj'd : 7/19/2022 11:00 pm Instrument : VOA 101
Sample : I8260STD10PPB Quant Date : 7/20/2022 11:25 am

Compound #17: Acetone



Original Peak Response = 12642



Manual Peak Response = 14355 M4

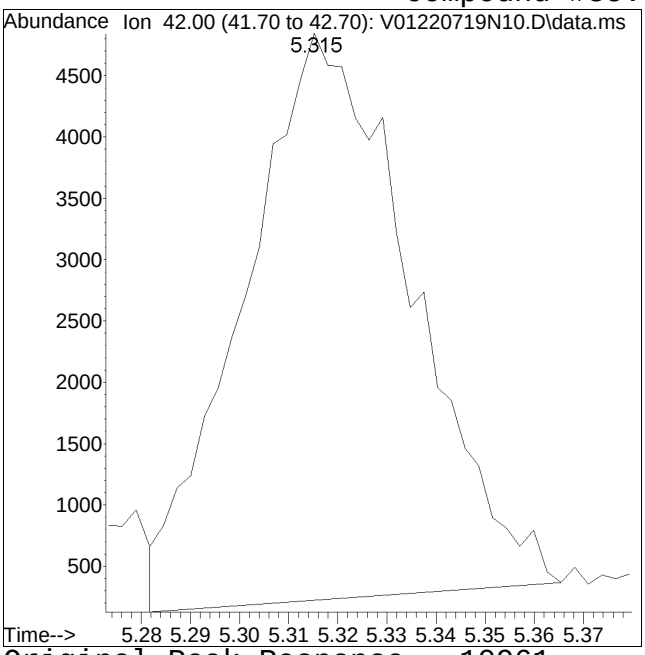
M4 = Poor automated baseline construction.

Manual Integration Report

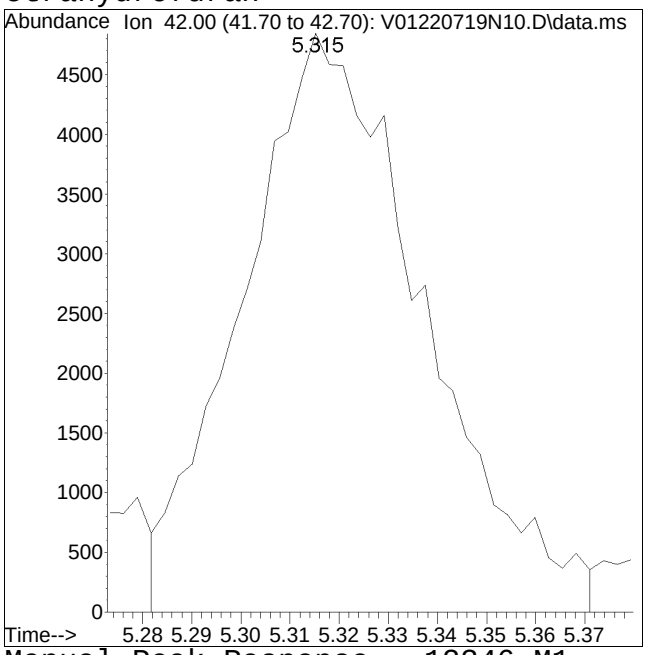
Data Path : I:\VOLATILES\VOA101\2022\2Q
Data File : V01220719N10.D
Date Inj'd : 7/19/2022 11:00 pm
Sample : I8260STD10PPB

Method : V101_220719N_8260.m
Operator : VOA101:PD
Instrument : VOA 101
Quant Date : 7/20/2022 11:25 am

Compound #35: Tetrahydrofuran



Original Peak Response = 10961



Manual Peak Response = 12346 M1

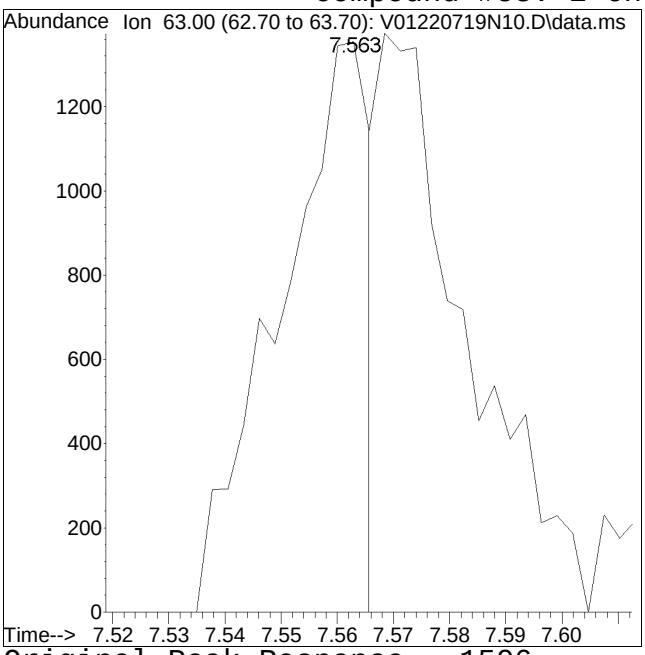
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

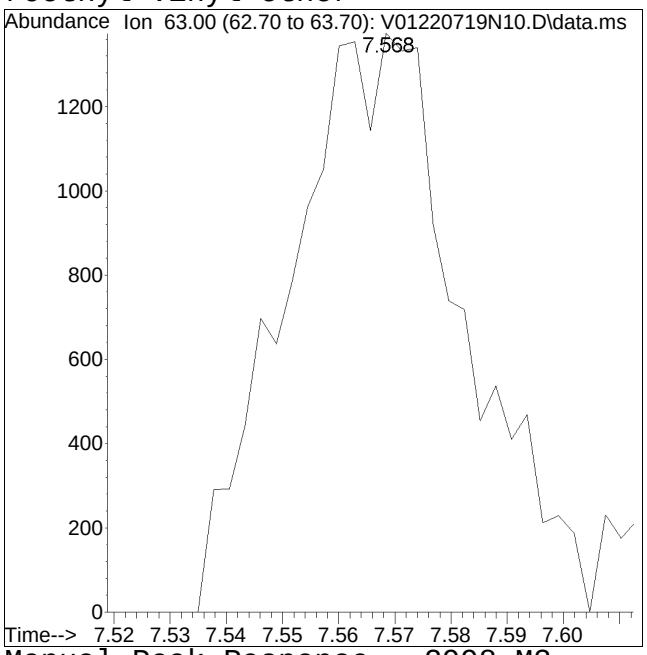
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2022\2Q
Data File : V01220719N10.D
Date Inj'd : 7/19/2022 11:00 pm
Sample : I8260STD10PPB

Method : V101_220719N_8260.m
Operator : VOA101:PD
Instrument : VOA 101
Quant Date : 7/20/2022 11:25 am

Compound #53: 2-Chloroethyl vinyl ether





Original Peak Response = 1506 Manual Peak Response = 2998 M3

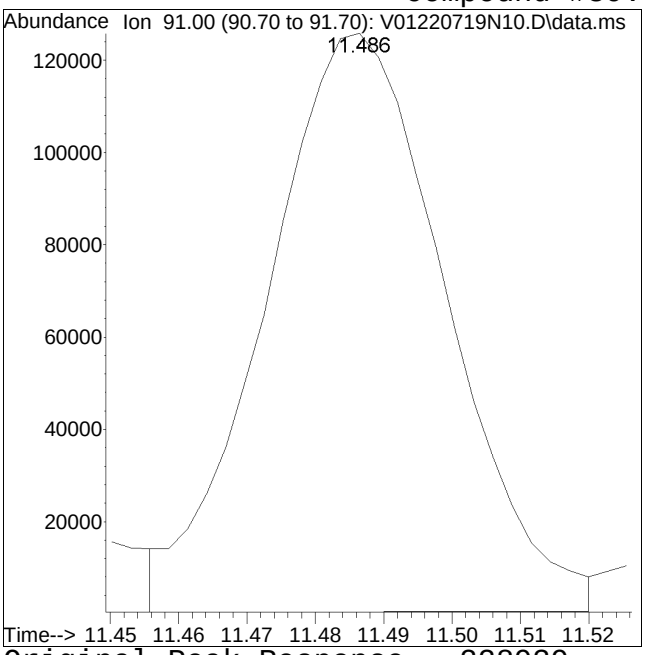
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

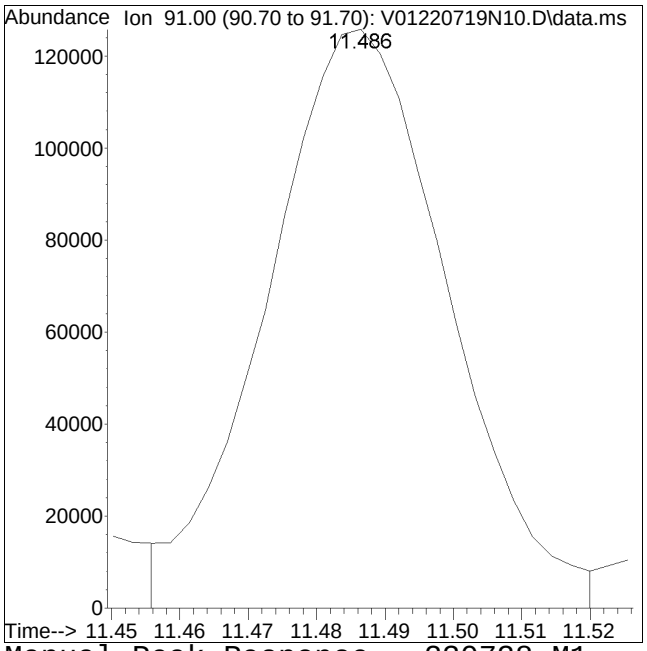
Data Path : I:\VOLATILES\VOA101\2022\2Q
Data File : V01220719N10.D
Date Inj'd : 7/19/2022 11:00 pm
Sample : I8260STD10PPB

Method : V101_220719N_8260.m
Operator : VOA101:PD
Instrument : VOA 101
Quant Date : 7/20/2022 11:25 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 228939



Manual Peak Response = 230738 M1

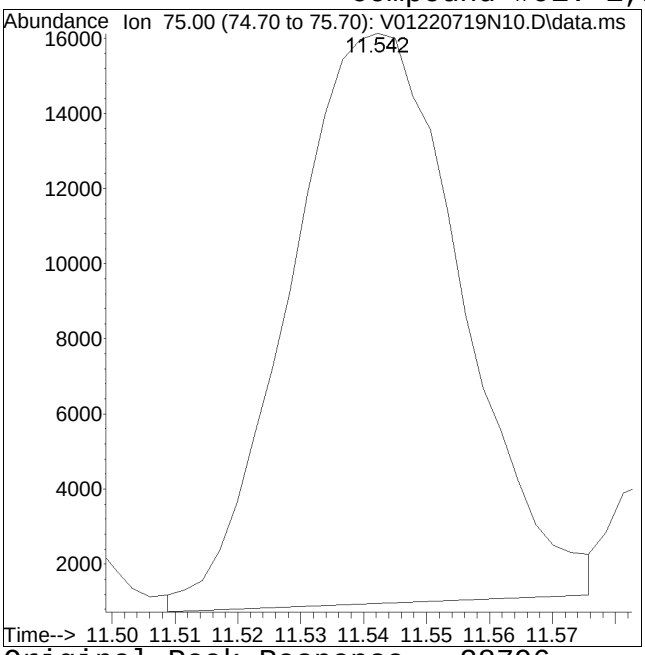
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

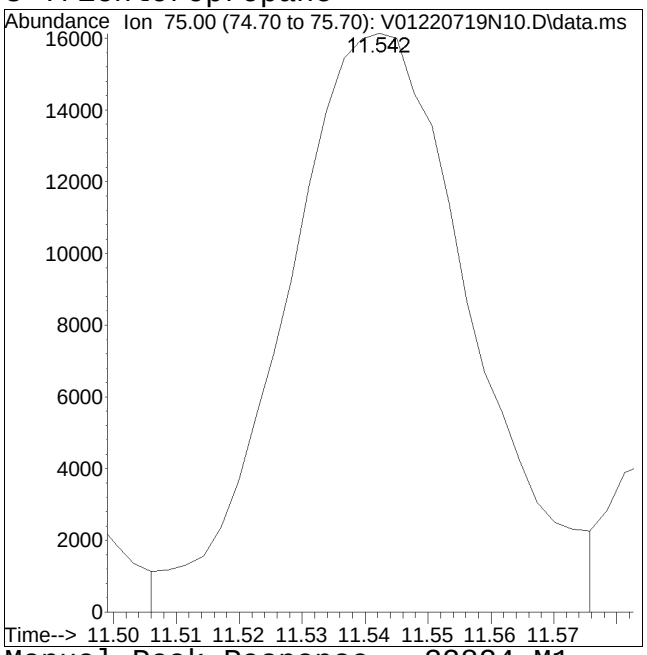
Data Path : I:\VOLATILES\VOA101\2022\2Q
Data File : V01220719N10.D
Date Inj'd : 7/19/2022 11:00 pm
Sample : I8260STD10PPB

Method : V101_220719N_8260.m
Operator : VOA101:PD
Instrument : VOA 101
Quant Date : 7/20/2022 11:25 am

Compound #91: 1,2,3-Trichloropropane



Original Peak Response = 28796



Manual Peak Response = 32824 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2022\220719NICAL\
Data File : V01220719N11.D
Acq On : 19 Jul 2022 11:24 pm
Operator : VOA101:PD
Sample : I8260STD30PPB
Misc : WG1665246,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 20 11:25:21 2022
Quant Method : I:\VOLATILES\VOA101\2022\220719NICAL\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 11:23:17 2022
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2022\220719NICAL\V01220719N10.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.149	96	301477	10.000	ug/L	0.00
Standard Area 1 = 297967			Recovery = 101.18%			
59) Chlorobenzene-d5	9.691	117	235775	10.000	ug/L	0.00
Standard Area 1 = 229324			Recovery = 102.81%			
79) 1,4-Dichlorobenzene-d4	12.365	152	114863	10.000	ug/L	0.00
Standard Area 1 = 111060			Recovery = 103.42%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.340	113	77464	10.175	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.75%			
43) 1,2-Dichloroethane-d4	5.865	65	75186	10.217	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.17%			
60) Toluene-d8	7.842	98	300986	9.951	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.51%			
83) 4-Bromofluorobenzene	11.166	95	108589	9.948	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.48%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.723	85	261423	31.098	ug/L	99
3) Chloromethane	1.913	50	396312	29.434	ug/L	99
4) Vinyl chloride	1.994	62	307724	31.371	ug/L	99
5) Bromomethane	2.315	94	120904	29.467	ug/L	99
6) Chloroethane	2.432	64	175879	31.315	ug/L	95
7) Trichlorofluoromethane	2.580	101	360633	31.258	ug/L	99
8) Ethyl ether	2.884	74	79533	32.113	ug/L #	64
10) 1,1-Dichloroethene	3.082	96	205142	31.330	ug/L	80
11) Carbon disulfide	3.115	76	536308	30.054	ug/L	100
12) Freon-113	3.121	101	225657	31.198	ug/L	97
13) Iodomethane	3.221	142	308069	34.346	ug/L	99
14) Acrolein	3.397	56	19987	32.736	ug/L	96
15) Methylene chloride	3.636	84	202934	29.946	ug/L #	68
17) Acetone	3.678	43	43132	28.527	ug/L	95
18) trans-1,2-Dichloroethene	3.795	96	222868	31.249	ug/L	85
19) Methyl acetate	3.795	43	83479	31.188	ug/L #	93
20) Methyl tert-butyl ether	3.885	73	376929	33.264	ug/L #	88
21) tert-Butyl alcohol	3.966	59	40098	167.845	ug/L #	87
22) Diisopropyl ether	4.242	45	941850	32.451	ug/L	91
23) 1,1-Dichloroethane	4.375	63	493826	31.489	ug/L	95
24) Halothane	4.423	117	180695	31.507	ug/L	99

Data Path : I:\VOLATILES\VOA101\2022\220719NICAL\
Data File : V01220719N11.D
Acq On : 19 Jul 2022 11:24 pm
Operator : VOA101:PD
Sample : I8260STD30PPB
Misc : WG1665246,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 20 11:25:21 2022
Quant Method : I:\VOLATILES\VOA101\2022\220719NICAL\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 11:23:17 2022
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2022\220719NICAL\V01220719N10.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Acrylonitrile	4.420	53	42555	32.185	ug/L		96
26) Ethyl tert-butyl ether	4.593	59	678260	32.775	ug/L		91
27) Vinyl acetate	4.607	43	406668	33.850	ug/L	#	94
28) cis-1,2-Dichloroethene	4.897	96	239681	31.476	ug/L	#	85
29) 2,2-Dichloropropane	5.000	77	316965	33.636	ug/L		85
30) Bromochloromethane	5.089	128	91625	34.023	ug/L	#	74
31) Cyclohexane	5.098	56	557427	31.668	ug/L		78
32) Chloroform	5.162	83	391418	31.174	ug/L		96
33) Ethyl acetate	5.265	43	127651	32.572	ug/L	#	96
34) Carbon tetrachloride	5.301	117	337573	31.849	ug/L		99
35) Tetrahydrofuran	5.312	42	39972	31.612	ug/L		92
37) 1,1,1-Trichloroethane	5.363	97	349781	31.363	ug/L		97
39) 2-Butanone	5.449	43	53538	32.938	ug/L	#	36
40) 1,1-Dichloropropene	5.488	75	322294	31.713	ug/L		99
41) Benzene	5.731	78	912383	31.300	ug/L	#	91
42) tert-Amyl methyl ether	5.837	73	421635	32.972	ug/L	#	87
44) 1,2-Dichloroethane	5.934	62	251650	31.767	ug/L		98
47) Methyl cyclohexane	6.319	83	376416	31.102	ug/L	#	68
48) Trichloroethene	6.327	95	238556	31.302	ug/L		99
50) Dibromomethane	6.771	93	91649	32.120	ug/L		97
51) 1,2-Dichloropropane	6.871	63	262328	31.861	ug/L		95
53) 2-Chloroethyl vinyl ether	7.563	63	11075	32.211	ug/L	#	80
54) Bromodichloromethane	6.944	83	266455	31.626	ug/L		99
57) 1,4-Dioxane	7.150	88	15820	666.555	ug/L	#	81
58) cis-1,3-Dichloropropene	7.633	75	317929	33.000	ug/L		91
61) Toluene	7.903	92	579329	31.307	ug/L		99
62) 4-Methyl-2-pentanone	8.330	58	43769	32.417	ug/L		93
63) Tetrachloroethene	8.349	166	254411	31.446	ug/L		100
65) trans-1,3-Dichloropropene	8.380	75	240169	33.701	ug/L		96
67) Ethyl methacrylate	8.564	69	161342	32.147	ug/L		97
68) 1,1,2-Trichloroethane	8.570	83	107060	31.970	ug/L		98
69) Chlorodibromomethane	8.784	129	166031	32.567	ug/L		98
70) 1,3-Dichloropropane	8.893	76	232704	32.161	ug/L		99
71) 1,2-Dibromoethane	9.066	107	120744	33.076	ug/L		99
72) 2-Hexanone	9.339	43	80922	34.112	ug/L		98
73) Chlorobenzene	9.713	112	601751	31.063	ug/L		99
74) Ethylbenzene	9.746	91	1116647	31.350	ug/L		99
75) 1,1,1,2-Tetrachloroethane	9.794	131	207570	31.910	ug/L		99
76) p/m Xylene	9.933	106	866181	63.728	ug/L		98
77) o Xylene	10.469	106	808315	63.303	ug/L		100

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2022\220719NICAL\
Data File : V01220719N11.D
Acq On : 19 Jul 2022 11:24 pm
Operator : VOA101:PD
Sample : I8260STD30PPB
Misc : WG1665246,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 20 11:25:21 2022
Quant Method : I:\VOLATILES\VOA101\2022\220719NICAL\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 11:23:17 2022
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2022\220719NICAL\V01220719N10.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
78) Styrene	10.536	104	1264390	65.158	ug/L		98
80) Bromoform	10.563	173	81761	32.081	ug/L		98
82) Isopropylbenzene	10.845	105	1082861	31.537	ug/L		98
84) Bromobenzene	11.277	156	223222	31.294	ug/L		99
85) n-Propylbenzene	11.316	91	1239169	31.374	ug/L		100
86) 1,4-Dichlorobutane	11.336	55	271368	31.654	ug/L		98
87) 1,1,2,2-Tetrachloroethane	11.403	83	125229	31.977	ug/L		97
88) 4-Ethyltoluene	11.442	105	1023829	31.712	ug/L		99
89) 2-Chlorotoluene	11.486	91	722245M4	30.912	ug/L		
90) 1,3,5-Trimethylbenzene	11.537	105	844540	31.434	ug/L		99
91) 1,2,3-Trichloropropane	11.542	75	103516M1	30.894	ug/L		
92) trans-1,4-Dichloro-2-b...	11.595	53	43447	31.240	ug/L	#	66
93) 4-Chlorotoluene	11.668	91	726952	31.315	ug/L		98
94) tert-Butylbenzene	11.874	119	701668	31.524	ug/L		99
97) 1,2,4-Trimethylbenzene	11.952	105	818000	31.999	ug/L		99
98) sec-Butylbenzene	12.064	105	981563	31.425	ug/L		98
99) p-Isopropyltoluene	12.217	119	828558	32.117	ug/L		98
100) 1,3-Dichlorobenzene	12.287	146	419003	31.142	ug/L		99
101) 1,4-Dichlorobenzene	12.379	146	414246	30.809	ug/L		99
102) p-Diethylbenzene	12.588	119	457236	31.900	ug/L		98
103) n-Butylbenzene	12.647	91	648980	31.260	ug/L		99
104) 1,2-Dichlorobenzene	12.797	146	353094	31.233	ug/L		99
105) 1,2,4,5-Tetramethylben...	13.377	119	621224	32.390	ug/L		98
106) 1,2-Dibromo-3-chloropr...	13.572	155	15758	31.863	ug/L		100
107) 1,3,5-Trichlorobenzene	13.606	180	223186	31.079	ug/L		99
108) Hexachlorobutadiene	14.177	225	77900	30.265	ug/L		99
109) 1,2,4-Trichlorobenzene	14.205	180	166448	31.819	ug/L		98
110) Naphthalene	14.495	128	259125	33.192	ug/L		100
111) 1,2,3-Trichlorobenzene	14.666	180	118508	31.635	ug/L		100

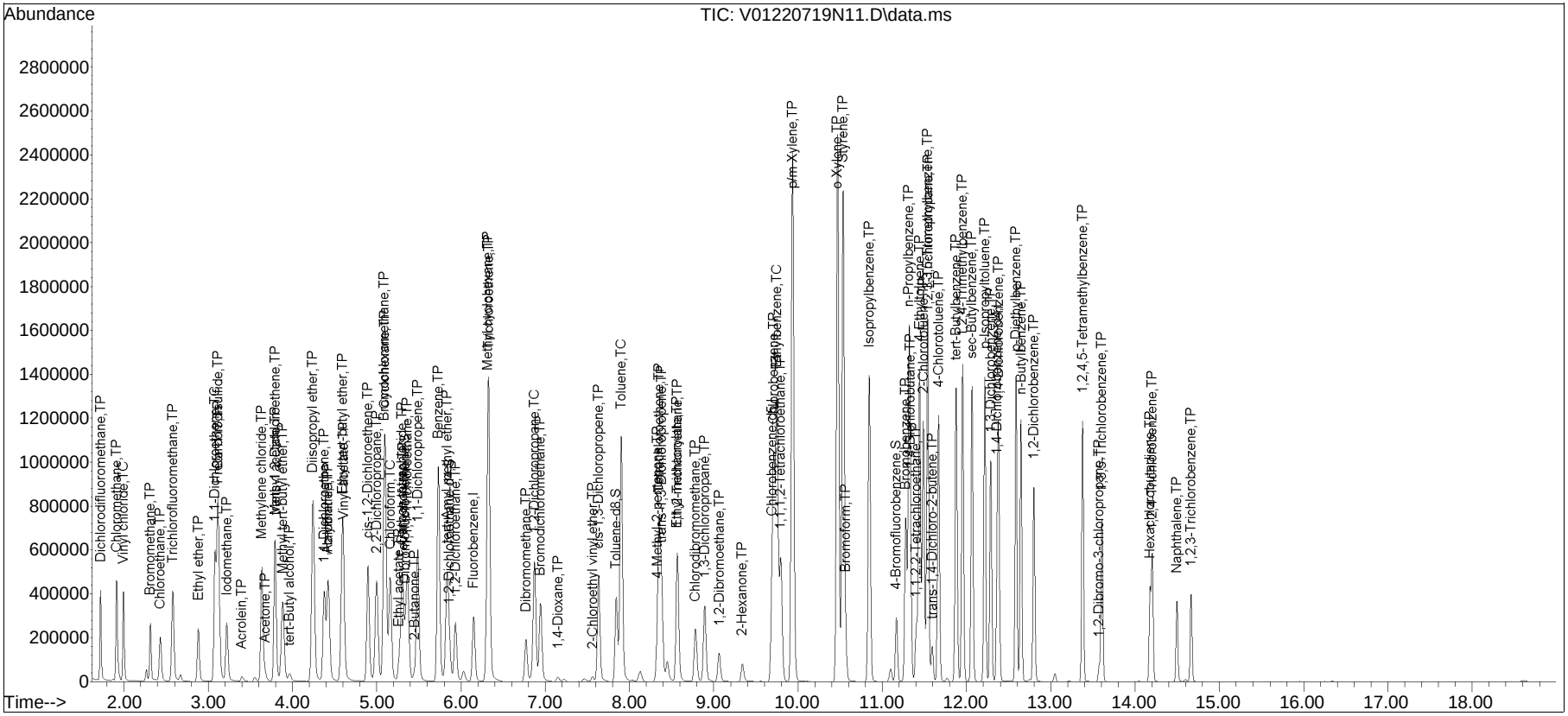
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2022\220719NICAL\
Data File : V01220719N11.D
Acq On : 19 Jul 2022 11:24 pm
Operator : VOA101:PD
Sample : I8260STD30PPB
Misc : WG1665246,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 20 11:25:21 2022
Quant Method : I:\VOLATILES\VOA101\2022\220719NICAL\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 11:23:17 2022
Response via : Initial Calibration

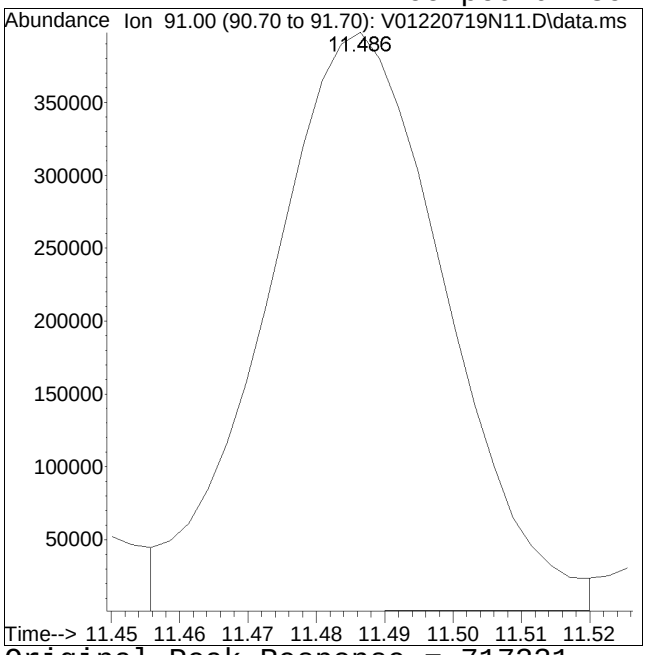
Sub List : 8260-Curve - Megamix plus Diox20719NICAL\V01220719N10.D•



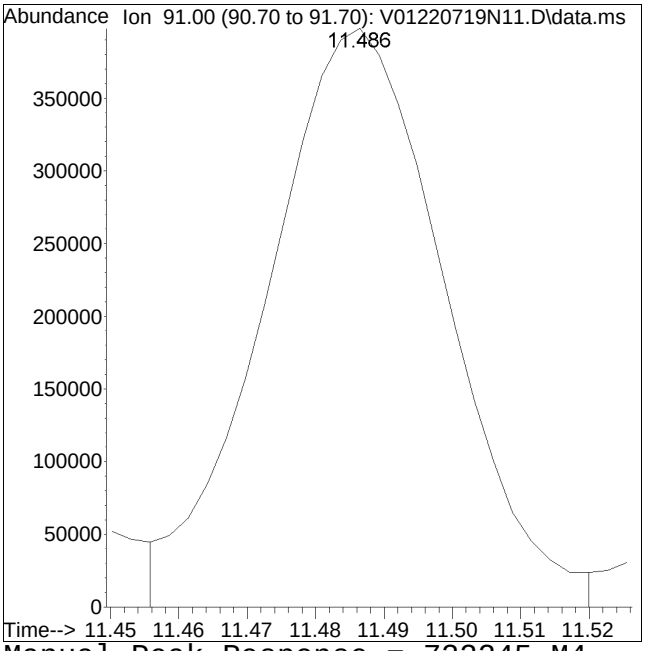
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2022\2QMethod : V101_220719N_8260.m
Data File : V01220719N11.D Operator : VOA101:PD
Date Inj'd : 7/19/2022 11:24 pm Instrument : VOA 101
Sample : I8260STD30PPB Quant Date : 7/20/2022 11:25 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 717331



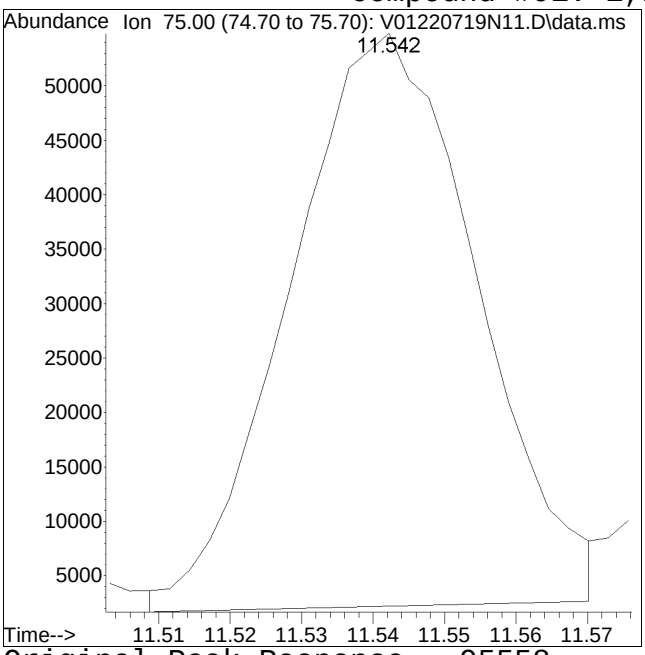
Manual Peak Response = 722245 M4

M4 = Poor automated baseline construction.

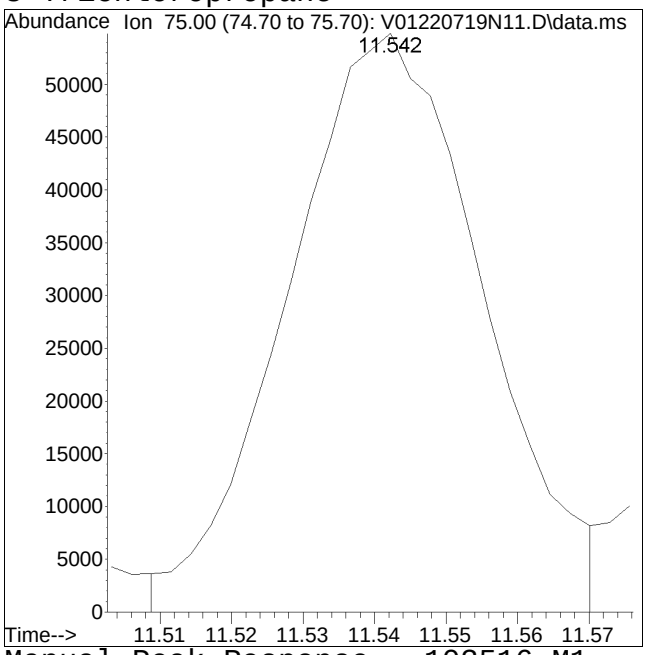
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2022\2QMethod : V101_220719N_8260.m
Data File : V01220719N11.D Operator : VOA101:PD
Date Inj'd : 7/19/2022 11:24 pm Instrument : VOA 101
Sample : I8260STD30PPB Quant Date : 7/20/2022 11:25 am

Compound #91: 1,2,3-Trichloropropane



Original Peak Response = 95558



Manual Peak Response = 103516 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2022\220719NICAL\
Data File : V01220719N12.D
Acq On : 19 Jul 2022 11:47 pm
Operator : VOA101:PD
Sample : I8260STD80PPB
Misc : WG1665246,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 20 11:25:27 2022
Quant Method : I:\VOLATILES\VOA101\2022\220719NICAL\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 11:23:17 2022
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2022\220719NICAL\V01220719N10.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.149	96	302517	10.000	ug/L	0.00
Standard Area 1 = 297967			Recovery = 101.53%			
59) Chlorobenzene-d5	9.691	117	236896	10.000	ug/L	0.00
Standard Area 1 = 229324			Recovery = 103.30%			
79) 1,4-Dichlorobenzene-d4	12.365	152	113450	10.000	ug/L	0.00
Standard Area 1 = 111060			Recovery = 102.15%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.340	113	74959	9.812	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.12%			
43) 1,2-Dichloroethane-d4	5.865	65	69745	9.445	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 94.45%			
60) Toluene-d8	7.844	98	307008	10.102	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.02%			
83) 4-Bromofluorobenzene	11.169	95	106494	9.878	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.78%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.723	85	724708	85.912	ug/L	99
3) Chloromethane	1.913	50	1043968	77.270	ug/L	99
4) Vinyl chloride	1.994	62	848736	86.228	ug/L	99
5) Bromomethane	2.315	94	393369	84.081	ug/L	100
6) Chloroethane	2.432	64	471495	83.661	ug/L	96
7) Trichlorofluoromethane	2.577	101	988573	85.392	ug/L	99
8) Ethyl ether	2.883	74	194756	78.366	ug/L #	65
10) 1,1-Dichloroethene	3.081	96	559516	85.159	ug/L	81
11) Carbon disulfide	3.115	76	1514477	84.577	ug/L	100
12) Freon-113	3.118	101	616223	84.903	ug/L	98
13) Iodomethane	3.221	142	832729	92.521	ug/L	99
14) Acrolein	3.399	56	46807	76.400	ug/L	97
15) Methylene chloride	3.636	84	516090	75.894	ug/L #	69
17) Acetone	3.673	43	102083	67.285	ug/L	95
18) trans-1,2-Dichloroethene	3.793	96	602294	84.160	ug/L	85
19) Methyl acetate	3.793	43	190333	72.043	ug/L #	91
20) Methyl tert-butyl ether	3.887	73	911534	80.167	ug/L	89
21) tert-Butyl alcohol	3.965	59	95950	400.254	ug/L	91
22) Diisopropyl ether	4.244	45	2410996	82.784	ug/L	91
23) 1,1-Dichloroethane	4.375	63	1303968	82.863	ug/L	96
24) Halothane	4.426	117	488058	84.807	ug/L	99

Data Path : I:\VOLATILES\VOA101\2022\220719NICAL\
Data File : V01220719N12.D
Acq On : 19 Jul 2022 11:47 pm
Operator : VOA101:PD
Sample : I8260STD80PPB
Misc : WG1665246,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 20 11:25:27 2022
Quant Method : I:\VOLATILES\VOA101\2022\220719NICAL\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 11:23:17 2022
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2022\220719NICAL\V01220719N10.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Acrylonitrile	4.420	53	99670	75.123	ug/L		94
26) Ethyl tert-butyl ether	4.593	59	1699712	81.851	ug/L		89
27) Vinyl acetate	4.604	43	960844	79.703	ug/L	#	94
28) cis-1,2-Dichloroethene	4.897	96	626116	81.942	ug/L		85
29) 2,2-Dichloropropane	5.000	77	853393	90.249	ug/L		88
30) Bromochloromethane	5.086	128	217648	80.541	ug/L	#	74
31) Cyclohexane	5.098	56	1545480	87.498	ug/L		79
32) Chloroform	5.159	83	1030633	81.802	ug/L		96
33) Ethyl acetate	5.262	43	300334	76.371	ug/L		97
34) Carbon tetrachloride	5.301	117	931511	87.582	ug/L		98
35) Tetrahydrofuran	5.312	42	88198	69.513	ug/L		93
37) 1,1,1-Trichloroethane	5.365	97	954433	85.283	ug/L		96
39) 2-Butanone	5.449	43	127081	77.915	ug/L	#	41
40) 1,1-Dichloropropene	5.488	75	886202	86.900	ug/L		99
41) Benzene	5.731	78	2443986	83.553	ug/L	#	91
42) tert-Amyl methyl ether	5.834	73	1040849	81.116	ug/L	#	88
44) 1,2-Dichloroethane	5.934	62	610633	76.818	ug/L		98
47) Methyl cyclohexane	6.322	83	1062525	87.490	ug/L	#	68
48) Trichloroethene	6.330	95	651819	85.233	ug/L		99
50) Dibromomethane	6.771	93	221119	77.230	ug/L		97
51) 1,2-Dichloropropane	6.871	63	677512	82.005	ug/L		95
53) 2-Chloroethyl vinyl ether	7.563	63	26063	79.418	ug/L		92
54) Bromodichloromethane	6.944	83	694389	82.135	ug/L		99
57) 1,4-Dioxane	7.147	88	19009	798.166	ug/L	#	81
58) cis-1,3-Dichloropropene	7.633	75	818243	84.640	ug/L		92
61) Toluene	7.900	92	1566966	84.279	ug/L		98
62) 4-Methyl-2-pentanone	8.327	58	106335	78.383	ug/L	#	96
63) Tetrachloroethene	8.352	166	687250	84.543	ug/L		100
65) trans-1,3-Dichloropropene	8.380	75	608314	84.956	ug/L		96
67) Ethyl methacrylate	8.564	69	402476	79.813	ug/L		95
68) 1,1,2-Trichloroethane	8.567	83	256722	76.298	ug/L		97
69) Chlorodibromomethane	8.784	129	414019	80.826	ug/L		98
70) 1,3-Dichloropropane	8.890	76	563010	77.443	ug/L		100
71) 1,2-Dibromoethane	9.060	107	291802	79.556	ug/L		99
72) 2-Hexanone	9.336	43	197599	82.903	ug/L		100
73) Chlorobenzene	9.713	112	1580178	81.184	ug/L		100
74) Ethylbenzene	9.749	91	3047436	85.153	ug/L		100
75) 1,1,1,2-Tetrachloroethane	9.794	131	545740	83.500	ug/L		99
76) p/m Xylene	9.936	106	2366845	173.312	ug/L		99
77) o Xylene	10.469	106	2186087	170.393	ug/L		100

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2022\220719NICAL\
Data File : V01220719N12.D
Acq On : 19 Jul 2022 11:47 pm
Operator : VOA101:PD
Sample : I8260STD80PPB
Misc : WG1665246,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 20 11:25:27 2022
Quant Method : I:\VOLATILES\VOA101\2022\220719NICAL\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 11:23:17 2022
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2022\220719NICAL\V01220719N10.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
78) Styrene	10.535	104	3363195	172.497	ug/L		99
80) Bromoform	10.563	173	201991	80.243	ug/L		97
82) Isopropylbenzene	10.845	105	2967588	87.504	ug/L		99
84) Bromobenzene	11.280	156	573304	81.373	ug/L		99
85) n-Propylbenzene	11.319	91	3401954	87.205	ug/L		99
86) 1,4-Dichlorobutane	11.336	55	654226	77.263	ug/L		98
87) 1,1,2,2-Tetrachloroethane	11.403	83	295617	76.424	ug/L		98
88) 4-Ethyltoluene	11.445	105	2794874	87.646	ug/L		99
89) 2-Chlorotoluene	11.486	91	1945657M1	84.310	ug/L		
90) 1,3,5-Trimethylbenzene	11.539	105	2309342	87.025	ug/L		98
91) 1,2,3-Trichloropropane	11.542	75	248003M1	74.938	ug/L		
92) trans-1,4-Dichloro-2-b...	11.590	53	104960	76.411	ug/L	#	69
93) 4-Chlorotoluene	11.668	91	1959757	85.472	ug/L		97
94) tert-Butylbenzene	11.877	119	1942507	88.357	ug/L		99
97) 1,2,4-Trimethylbenzene	11.955	105	2217894	87.842	ug/L		98
98) sec-Butylbenzene	12.064	105	2730807	88.517	ug/L		97
99) p-Isopropyltoluene	12.217	119	2294425	90.046	ug/L		98
100) 1,3-Dichlorobenzene	12.287	146	1112652	83.728	ug/L		100
101) 1,4-Dichlorobenzene	12.379	146	1084626	81.673	ug/L		99
102) p-Diethylbenzene	12.588	119	1277600	90.246	ug/L		98
103) n-Butylbenzene	12.644	91	1819032	88.711	ug/L		99
104) 1,2-Dichlorobenzene	12.800	146	898708	80.486	ug/L		99
105) 1,2,4,5-Tetramethylben...	13.374	119	1712548	90.402	ug/L		98
106) 1,2-Dibromo-3-chloropr...	13.572	155	37234	76.225	ug/L		97
107) 1,3,5-Trichlorobenzene	13.606	180	601702	84.831	ug/L		99
108) Hexachlorobutadiene	14.177	225	223869	88.058	ug/L		99
109) 1,2,4-Trichlorobenzene	14.203	180	440459	85.250	ug/L		98
110) Naphthalene	14.495	128	638057	82.749	ug/L		100
111) 1,2,3-Trichlorobenzene	14.665	180	299533	80.955	ug/L		99

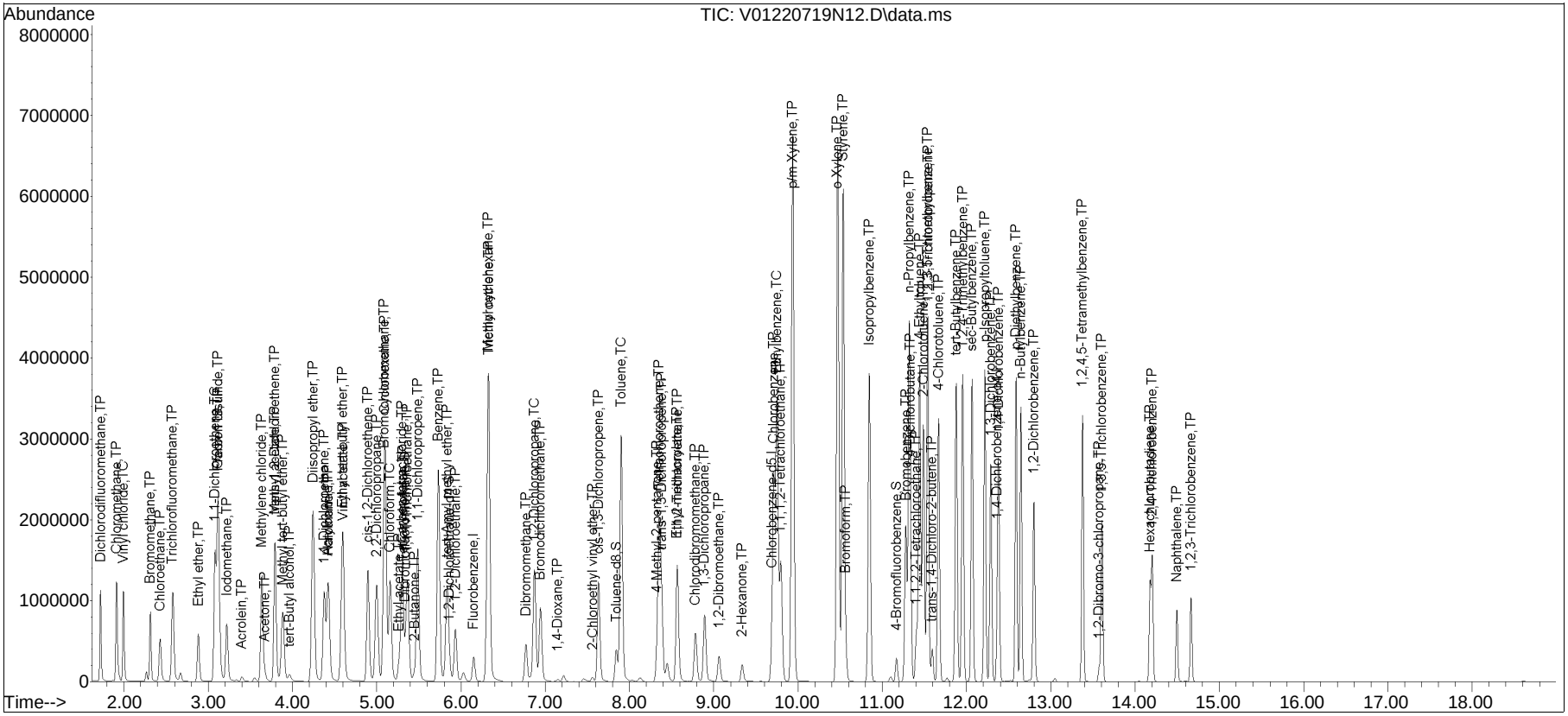
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2022\220719NICAL\
Data File : V01220719N12.D
Acq On : 19 Jul 2022 11:47 pm
Operator : VOA101:PD
Sample : I8260STD80PPB
Misc : WG1665246,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 20 11:25:27 2022
Quant Method : I:\VOLATILES\VOA101\2022\220719NICAL\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 11:23:17 2022
Response via : Initial Calibration

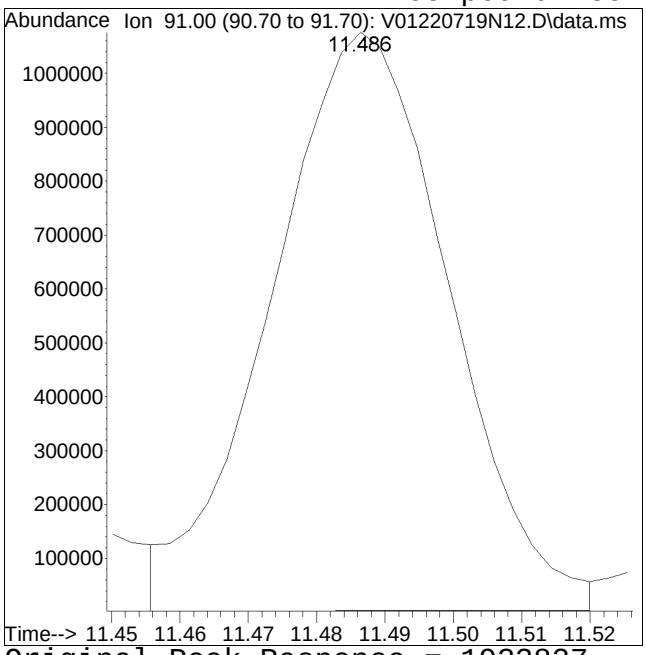
Sub List : 8260-Curve - Megamix plus Diox20719NICAL\V01220719N10.D•

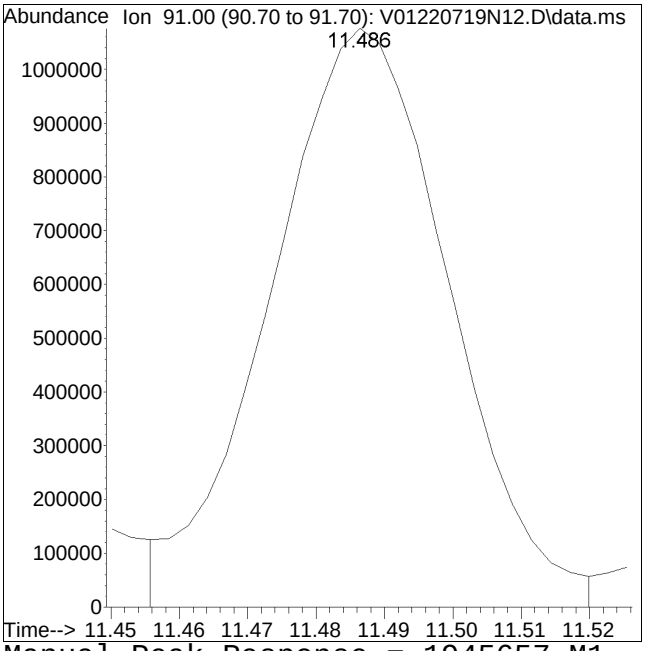


Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2022\2QMethod : V101_220719N_8260.m
Data File : V01220719N12.D Operator : VOA101:PD
Date Inj'd : 7/19/2022 11:47 pm Instrument : VOA 101
Sample : I8260STD80PPB Quant Date : 7/20/2022 11:25 am

Compound #89: 2-Chlorotoluene



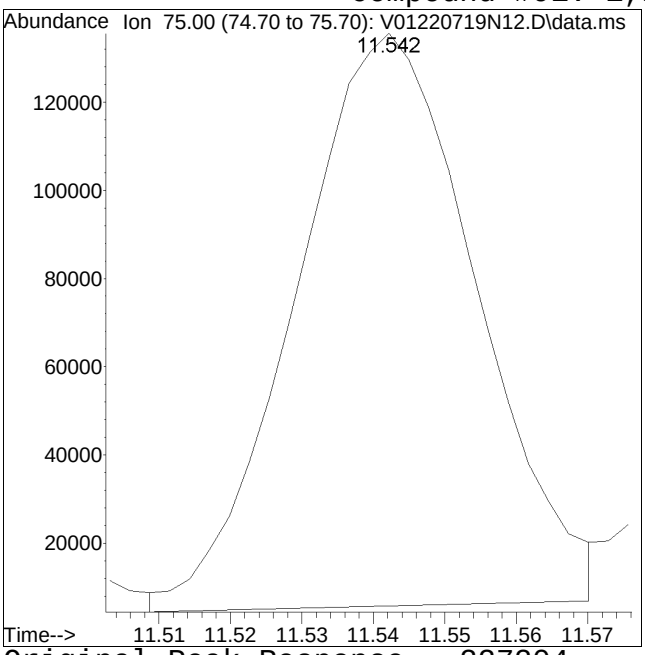


Original Peak Response = 1933827 Manual Peak Response = 1945657 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

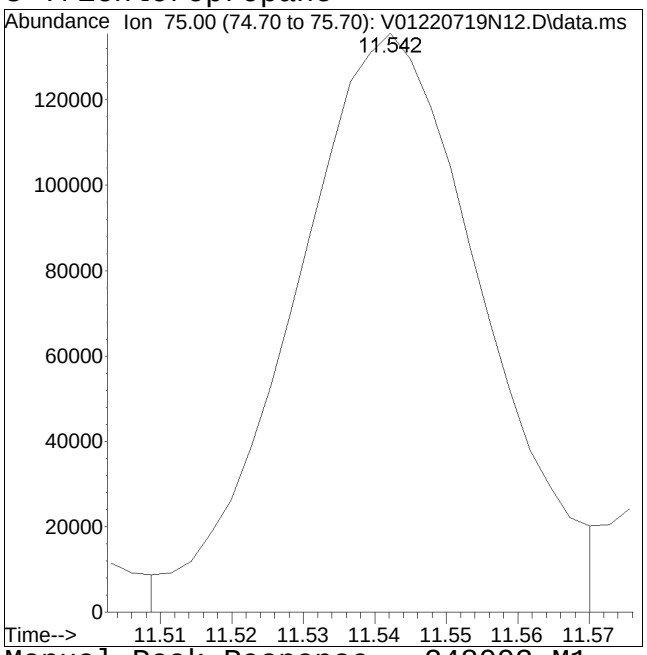
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2022\2QMethod : V101_220719N_8260.m
Data File : V01220719N12.D Operator : VOA101:PD
Date Inj'd : 7/19/2022 11:47 pm Instrument : VOA 101
Sample : I8260STD80PPB Quant Date : 7/20/2022 11:25 am

Compound #91: 1,2,3-Trichloropropane



Original Peak Response = 227204



Manual Peak Response = 248003 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2022\220719NICAL\
Data File : V01220719N13.D
Acq On : 20 Jul 2022 12:10 am
Operator : VOA101:PD
Sample : I8260STD120PPB
Misc : WG1665246,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 20 11:25:34 2022
Quant Method : I:\VOLATILES\VOA101\2022\220719NICAL\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 11:23:17 2022
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2022\220719NICAL\V01220719N10.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.152	96	318403	10.000	ug/L	0.00
Standard Area 1 = 297967			Recovery = 106.86%			
59) Chlorobenzene-d5	9.691	117	253322	10.000	ug/L	0.00
Standard Area 1 = 229324			Recovery = 110.46%			
79) 1,4-Dichlorobenzene-d4	12.362	152	122645	10.000	ug/L	0.00
Standard Area 1 = 111060			Recovery = 110.43%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.338	113	81504	10.137	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.37%			
43) 1,2-Dichloroethane-d4	5.867	65	79576	10.239	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.39%			
60) Toluene-d8	7.845	98	319920	9.844	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.44%			
83) 4-Bromofluorobenzene	11.166	95	116174	9.968	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.68%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.723	85	1080387	121.686	ug/L	99
3) Chloromethane	1.913	50	1636705	115.097	ug/L	99
4) Vinyl chloride	1.997	62	1316827	127.110	ug/L	98
5) Bromomethane	2.315	94	621204	117.772	ug/L	100
6) Chloroethane	2.423	64	688982	116.152	ug/L	96
7) Trichlorofluoromethane	2.580	101	1505292	123.538	ug/L	99
8) Ethyl ether	2.884	74	329109	125.820	ug/L #	67
10) 1,1-Dichloroethene	3.082	96	868121	125.536	ug/L	81
11) Carbon disulfide	3.118	76	2328086	123.527	ug/L	100
12) Freon-113	3.121	101	945231	123.736	ug/L	98
13) Iodomethane	3.221	142	1065292	112.455	ug/L	100
14) Acrolein	3.402	56	83945	130.181	ug/L	97
15) Methylene chloride	3.639	84	820872	114.692	ug/L #	71
17) Acetone	3.673	43	188419	117.994	ug/L	95
18) trans-1,2-Dichloroethene	3.793	96	938300	124.569	ug/L	86
19) Methyl acetate	3.793	43	337868	122.142	ug/L #	94
20) Methyl tert-butyl ether	3.882	73	1492412	124.705	ug/L	90
21) tert-Butyl alcohol	3.966	59	143170	567.435	ug/L	91
22) Diisopropyl ether	4.244	45	3779098	123.285	ug/L	91
23) 1,1-Dichloroethane	4.378	63	2014803	121.646	ug/L	96
24) Halothane	4.426	117	753549	124.407	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2022\220719NICAL\
Data File : V01220719N13.D
Acq On : 20 Jul 2022 12:10 am
Operator : VOA101:PD
Sample : I8260STD120PPB
Misc : WG1665246,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 20 11:25:34 2022
Quant Method : I:\VOLATILES\VOA101\2022\220719NICAL\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 11:23:17 2022
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2022\220719NICAL\V01220719N10.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Acrylonitrile	4.417	53	179873	128.809	ug/L		97
26) Ethyl tert-butyl ether	4.593	59	2752762	125.948	ug/L		91
27) Vinyl acetate	4.604	43	1638212	129.112	ug/L	#	95
28) cis-1,2-Dichloroethene	4.897	96	993224	123.501	ug/L		85
29) 2,2-Dichloropropane	5.000	77	1121508	112.685	ug/L		90
30) Bromochloromethane	5.092	128	325736	114.524	ug/L	#	75
31) Cyclohexane	5.100	56	2339696	125.854	ug/L		80
32) Chloroform	5.159	83	1618166	122.027	ug/L		96
33) Ethyl acetate	5.262	43	529428	127.910	ug/L	#	96
34) Carbon tetrachloride	5.301	117	1439279	128.571	ug/L		98
35) Tetrahydrofuran	5.312	42	156009	116.823	ug/L		95
37) 1,1,1-Trichloroethane	5.365	97	1473466	125.093	ug/L		97
39) 2-Butanone	5.446	43	222457	129.587	ug/L	#	43
40) 1,1-Dichloropropene	5.485	75	1360201	126.725	ug/L		99
41) Benzene	5.731	78	3810406	123.768	ug/L	#	92
42) tert-Amyl methyl ether	5.834	73	1762226	130.482	ug/L	#	90
44) 1,2-Dichloroethane	5.934	62	1018596	121.746	ug/L		98
47) Methyl cyclohexane	6.322	83	1622008	126.896	ug/L	#	69
48) Trichloroethene	6.330	95	1003832	124.714	ug/L		100
50) Dibromomethane	6.771	93	373026	123.786	ug/L		98
51) 1,2-Dichloropropane	6.871	63	1084262	124.689	ug/L		95
53) 2-Chloroethyl vinyl ether	7.563	63	38175	116.794	ug/L		92
54) Bromodichloromethane	6.944	83	1133448	127.380	ug/L		100
57) 1,4-Dioxane	7.147	88	32549	1298.507	ug/L	#	84
58) cis-1,3-Dichloropropene	7.633	75	1327036	130.421	ug/L		92
61) Toluene	7.903	92	2430826	122.263	ug/L		98
62) 4-Methyl-2-pentanone	8.327	58	188933	130.239	ug/L	#	97
63) Tetrachloroethene	8.352	166	1061554	122.121	ug/L		100
65) trans-1,3-Dichloropropene	8.383	75	1017166	132.845	ug/L		97
67) Ethyl methacrylate	8.564	69	705549	130.842	ug/L		93
68) 1,1,2-Trichloroethane	8.567	83	436023	121.184	ug/L		97
69) Chlorodibromomethane	8.784	129	701428	128.055	ug/L		98
70) 1,3-Dichloropropane	8.893	76	948966	122.068	ug/L		100
71) 1,2-Dibromoethane	9.063	107	496895	126.688	ug/L		100
72) 2-Hexanone	9.334	43	345372	135.506	ug/L		99
73) Chlorobenzene	9.713	112	2499641	120.095	ug/L		99
74) Ethylbenzene	9.749	91	4724800	123.462	ug/L		100
75) 1,1,1,2-Tetrachloroethane	9.797	131	881772	126.166	ug/L		99
76) p/m Xylene	9.936	106	3683824	252.256	ug/L		99
77) o Xylene	10.471	106	3424698	249.627	ug/L		100

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2022\220719NICAL\
Data File : V01220719N13.D
Acq On : 20 Jul 2022 12:10 am
Operator : VOA101:PD
Sample : I8260STD120PPB
Misc : WG1665246,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 20 11:25:34 2022
Quant Method : I:\VOLATILES\VOA101\2022\220719NICAL\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 11:23:17 2022
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2022\220719NICAL\V01220719N10.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
78) Styrene	10.538	104	5412839	259.620	ug/L		99
80) Bromoform	10.563	173	356796	131.114	ug/L		98
82) Isopropylbenzene	10.845	105	4609660	125.733	ug/L		98
84) Bromobenzene	11.277	156	932193	122.393	ug/L		99
85) n-Propylbenzene	11.319	91	5284969	125.316	ug/L		99
86) 1,4-Dichlorobutane	11.336	55	1120181	122.374	ug/L		97
87) 1,1,2,2-Tetrachloroethane	11.403	83	514608	123.065	ug/L		98
88) 4-Ethyltoluene	11.445	105	4366736	126.673	ug/L		98
89) 2-Chlorotoluene	11.486	91	3045223M4	122.064	ug/L		
90) 1,3,5-Trimethylbenzene	11.539	105	3607082	125.739	ug/L		98
91) 1,2,3-Trichloropropane	11.542	75	434184M4	121.360	ug/L		
92) trans-1,4-Dichloro-2-b...	11.590	53	185579	124.972	ug/L	#	73
93) 4-Chlorotoluene	11.668	91	3083440	124.397	ug/L		97
94) tert-Butylbenzene	11.877	119	3019322	127.041	ug/L		99
97) 1,2,4-Trimethylbenzene	11.955	105	3472231	127.211	ug/L		98
98) sec-Butylbenzene	12.067	105	4226642	126.732	ug/L		97
99) p-Isopropyltoluene	12.217	119	3551900	128.945	ug/L		98
100) 1,3-Dichlorobenzene	12.287	146	1769917	123.202	ug/L		99
101) 1,4-Dichlorobenzene	12.379	146	1739809	121.186	ug/L		99
102) p-Diethylbenzene	12.588	119	1992938	130.220	ug/L		98
103) n-Butylbenzene	12.647	91	2817738	127.113	ug/L		99
104) 1,2-Dichlorobenzene	12.800	146	1468250	121.635	ug/L		99
105) 1,2,4,5-Tetramethylben...	13.377	119	2700864	131.885	ug/L		98
106) 1,2-Dibromo-3-chloropr...	13.575	155	67243	127.338	ug/L		98
107) 1,3,5-Trichlorobenzene	13.606	180	954326	124.458	ug/L		99
108) Hexachlorobutadiene	14.178	225	349479	127.159	ug/L		99
109) 1,2,4-Trichlorobenzene	14.203	180	722713	129.393	ug/L		99
110) Naphthalene	14.495	128	1122292	134.637	ug/L		100
111) 1,2,3-Trichlorobenzene	14.663	180	505391	126.352	ug/L		99

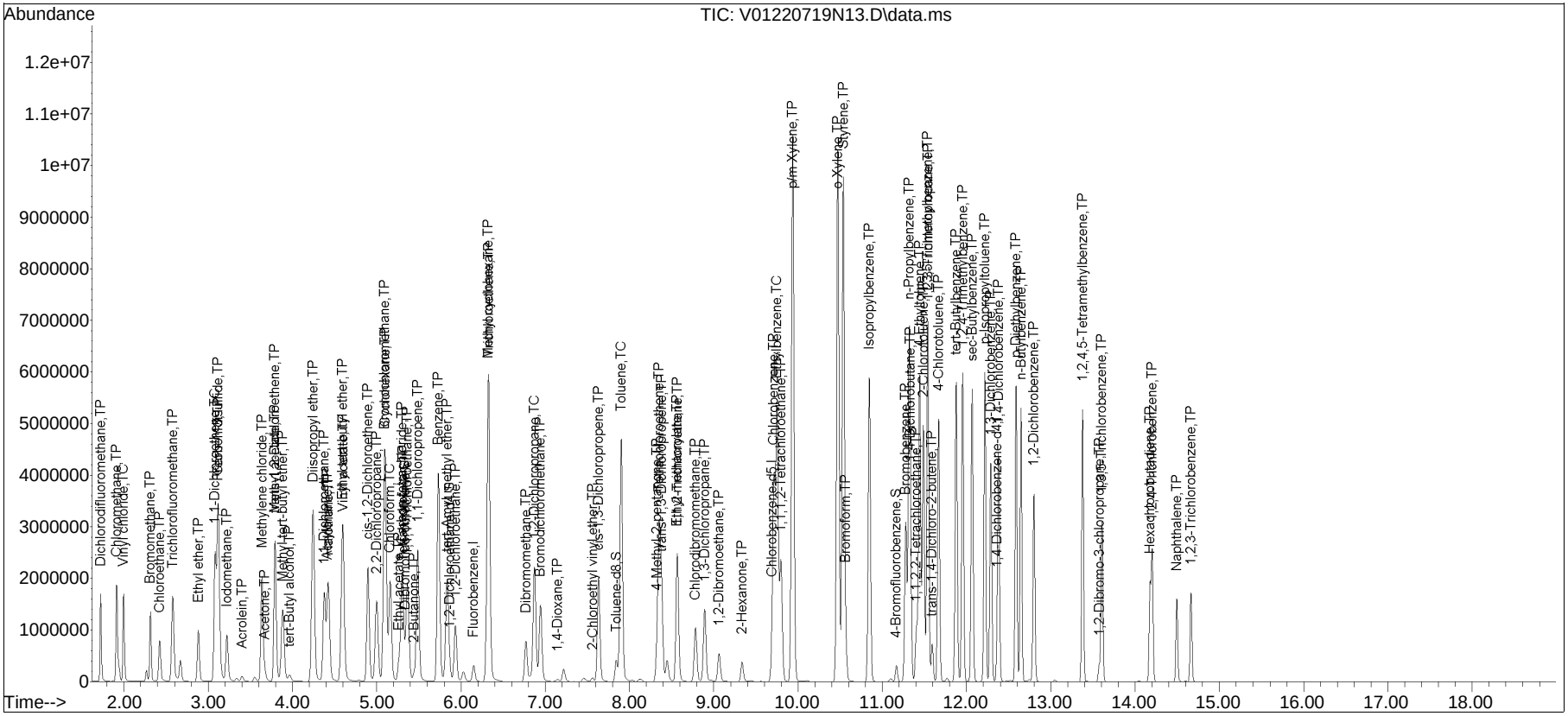
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2022\220719NICAL\
Data File : V01220719N13.D
Acq On : 20 Jul 2022 12:10 am
Operator : VOA101:PD
Sample : I8260STD120PPB
Misc : WG1665246,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 20 11:25:34 2022
Quant Method : I:\VOLATILES\VOA101\2022\220719NICAL\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 11:23:17 2022
Response via : Initial Calibration

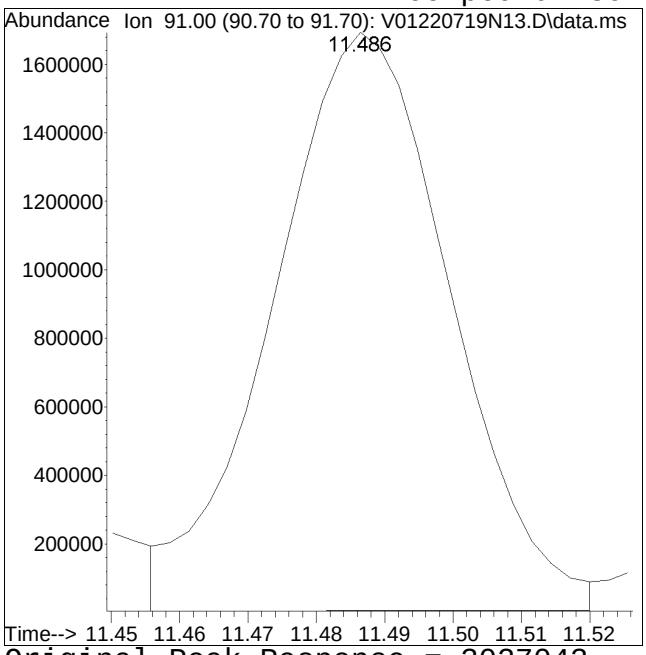
Sub List : 8260-Curve - Megamix plus Diox20719NICAL\V01220719N10.D•

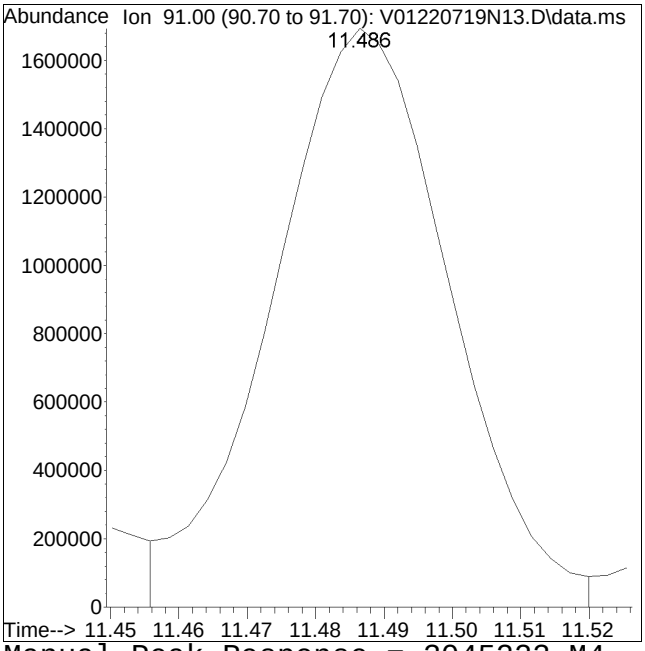


Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2022\2QMethod : V101_220719N_8260.m
Data File : V01220719N13.D Operator : VOA101:PD
Date Inj'd : 7/20/2022 12:10 am Instrument : VOA 101
Sample : I8260STD120PPB Quant Date : 7/20/2022 11:25 am

Compound #89: 2-Chlorotoluene





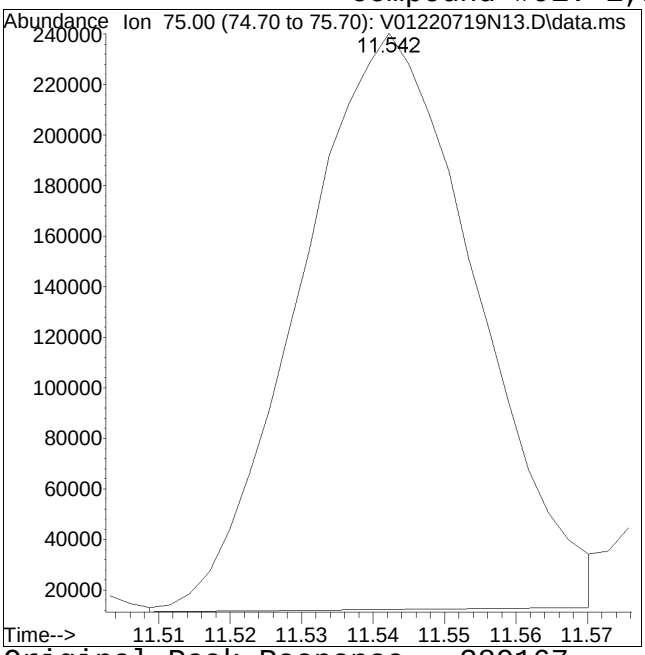
Original Peak Response = 3027043 Manual Peak Response = 3045223 M4
M4 = Poor automated baseline construction.

Manual Integration Report

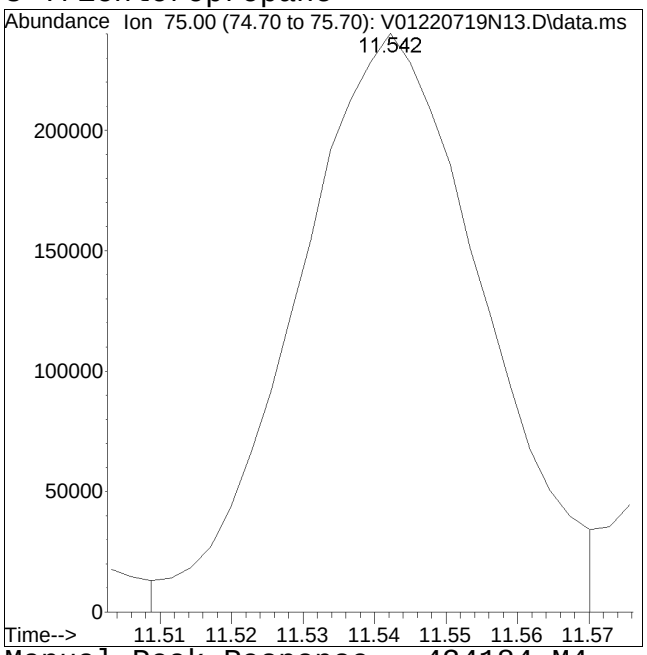
Data Path : I:\VOLATILES\VOA101\2022\2Q
Data File : V01220719N13.D
Date Inj'd : 7/20/2022 12:10 am
Sample : I8260STD120PPB

Method : V101_220719N_8260.m
Operator : VOA101:PD
Instrument : VOA 101
Quant Date : 7/20/2022 11:25 am

Compound #91: 1,2,3-Trichloropropane



Original Peak Response = 389167



Manual Peak Response = 434184 M4

M4 = Poor automated baseline construction.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2022\220719NICAL\
Data File : V01220719N14.D
Acq On : 20 Jul 2022 12:34 am
Operator : VOA101:PD
Sample : I8260STD200PPB
Misc : WG1665246,ICAL
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 20 11:25:40 2022
Quant Method : I:\VOLATILES\VOA101\2022\220719NICAL\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 11:23:17 2022
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2022\220719NICAL\V01220719N10.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.149	96	330303	10.000	ug/L	0.00
Standard Area 1 = 297967			Recovery = 110.85%			
59) Chlorobenzene-d5	9.690	117	262537	10.000	ug/L	0.00
Standard Area 1 = 229324			Recovery = 114.48%			
79) 1,4-Dichlorobenzene-d4	12.365	152	128132	10.000	ug/L	0.00
Standard Area 1 = 111060			Recovery = 115.37%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.340	113	84522	10.133	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.33%			
43) 1,2-Dichloroethane-d4	5.870	65	82031	10.174	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.74%			
60) Toluene-d8	7.844	98	333526	9.903	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.03%			
83) 4-Bromofluorobenzene	11.168	95	119692	9.830	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.30%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.723	85	1851142	200.987	ug/L	99
3) Chloromethane	1.913	50	2867573	194.390	ug/L	99
4) Vinyl chloride	1.996	62	2241089	208.533	ug/L	98
5) Bromomethane	2.314	94	1128872	182.952	ug/L	100
6) Chloroethane	2.415	64	1066307	173.287	ug/L	96
7) Trichlorofluoromethane	2.576	101	2555110	202.140	ug/L	99
8) Ethyl ether	2.883	74	565141	208.273	ug/L #	69
10) 1,1-Dichloroethene	3.081	96	1490183	207.727	ug/L	82
11) Carbon disulfide	3.115	76	4066791	208.008	ug/L	100
12) Freon-113	3.118	101	1612664	203.500	ug/L	95
13) Iodomethane	3.223	142	1730171	176.061	ug/L	100
14) Acrolein	3.396	56	147038	219.810	ug/L	98
15) Methylene chloride	3.636	84	1412368	190.225	ug/L	73
17) Acetone	3.672	43	309194	186.652	ug/L	96
18) trans-1,2-Dichloroethene	3.792	96	1601031	204.896	ug/L	86
19) Methyl acetate	3.792	43	587022	205.192	ug/L #	94
20) Methyl tert-butyl ether	3.884	73	2438428	196.413	ug/L	91
21) tert-Butyl alcohol	3.968	59	236389	903.141	ug/L	91
22) Diisopropyl ether	4.244	45	6469191	203.440	ug/L	91
23) 1,1-Dichloroethane	4.378	63	3414336	198.717	ug/L	96
24) Halothane	4.425	117	1296326	206.306	ug/L	99

Data Path : I:\VOLATILES\VOA101\2022\220719NICAL\
Data File : V01220719N14.D
Acq On : 20 Jul 2022 12:34 am
Operator : VOA101:PD
Sample : I8260STD200PPB
Misc : WG1665246,ICAL
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 20 11:25:40 2022
Quant Method : I:\VOLATILES\VOA101\2022\220719NICAL\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 11:23:17 2022
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2022\220719NICAL\V01220719N10.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Acrylonitrile	4.417	53	313817	216.632	ug/L		97
26) Ethyl tert-butyl ether	4.593	59	4694436	207.048	ug/L		91
27) Vinyl acetate	4.604	43	2844883	216.135	ug/L	#	95
28) cis-1,2-Dichloroethene	4.897	96	1708658	204.806	ug/L		86
29) 2,2-Dichloropropane	5.000	77	1805134	174.839	ug/L		91
30) Bromochloromethane	5.092	128	541420	183.498	ug/L	#	76
31) Cyclohexane	5.097	56	4036625	209.310	ug/L		77
32) Chloroform	5.159	83	2785714	202.505	ug/L		96
33) Ethyl acetate	5.262	43	905436	210.872	ug/L	#	96
34) Carbon tetrachloride	5.301	117	2479563	213.520	ug/L		99
35) Tetrahydrofuran	5.309	42	268378	193.727	ug/L		94
37) 1,1,1-Trichloroethane	5.365	97	2511926	205.572	ug/L		97
39) 2-Butanone	5.443	43	385296	216.358	ug/L	#	45
40) 1,1-Dichloropropene	5.488	75	2331481	209.389	ug/L		99
41) Benzene	5.733	78	6580532	206.046	ug/L	#	92
42) tert-Amyl methyl ether	5.836	73	3047937	217.551	ug/L		91
44) 1,2-Dichloroethane	5.934	62	1726874	198.966	ug/L		98
47) Methyl cyclohexane	6.324	83	2867067	216.220	ug/L	#	71
48) Trichloroethene	6.330	95	1739851	208.368	ug/L		100
50) Dibromomethane	6.771	93	630527	201.697	ug/L		98
51) 1,2-Dichloropropane	6.871	63	1867780	207.054	ug/L		95
53) 2-Chloroethyl vinyl ether	7.560	63	59258	202.709	ug/L		89
54) Bromodichloromethane	6.944	83	1965290	212.907	ug/L		99
57) 1,4-Dioxane	7.150	88	57215	2200.296	ug/L	#	84
58) cis-1,3-Dichloropropene	7.632	75	2295642	217.488	ug/L		93
61) Toluene	7.903	92	4248525	206.188	ug/L		98
62) 4-Methyl-2-pentanone	8.327	58	327636	217.925	ug/L		98
63) Tetrachloroethene	8.352	166	1838806	204.112	ug/L		100
65) trans-1,3-Dichloropropene	8.380	75	1773570	223.503	ug/L		94
67) Ethyl methacrylate	8.564	69	1250756	223.807	ug/L		92
68) 1,1,2-Trichloroethane	8.566	83	760555	203.961	ug/L		97
69) Chlorodibromomethane	8.784	129	1237693	218.027	ug/L		98
70) 1,3-Dichloropropane	8.893	76	1649234	204.699	ug/L		100
71) 1,2-Dibromoethane	9.060	107	857390	210.927	ug/L		99
72) 2-Hexanone	9.333	43	587061	222.247	ug/L		99
73) Chlorobenzene	9.713	112	4393137	203.659	ug/L		99
74) Ethylbenzene	9.752	91	8320828	209.796	ug/L		100
75) 1,1,1,2-Tetrachloroethane	9.796	131	1552634	214.356	ug/L		99
76) p/m Xylene	9.941	106	6432924	425.044	ug/L		100
77) o Xylene	10.474	106	6001351	422.086	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2022\220719NICAL\
Data File : V01220719N14.D
Acq On : 20 Jul 2022 12:34 am
Operator : VOA101:PD
Sample : I8260STD200PPB
Misc : WG1665246,ICAL
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 20 11:25:40 2022
Quant Method : I:\VOLATILES\VOA101\2022\220719NICAL\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 11:23:17 2022
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2022\220719NICAL\V01220719N10.D
Sub List : 8260-Curve - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
78)	Styrene	10.541	104	9477058	438.601	ug/L		99
80)	Bromoform	10.569	173	631737	222.207	ug/L		98
82)	Isopropylbenzene	10.848	105	8115079	211.867	ug/L		98
84)	Bromobenzene	11.280	156	1633642	205.306	ug/L		99
85)	n-Propylbenzene	11.322	91	9253916	210.031	ug/L		99
86)	1,4-Dichlorobutane	11.336	55	1945841	203.469	ug/L		97
87)	1,1,2,2-Tetrachloroethane	11.405	83	900426	206.109	ug/L		98
88)	4-Ethyltoluene	11.444	105	7653078	212.498	ug/L		98
89)	2-Chlorotoluene	11.489	91	5342432M1	204.974	ug/L		
90)	1,3,5-Trimethylbenzene	11.542	105	6329898	211.204	ug/L		98
91)	1,2,3-Trichloropropane	11.542	75	763628M1	204.304	ug/L		
92)	trans-1,4-Dichloro-2-b...	11.595	53	320939	206.871	ug/L	#	76
93)	4-Chlorotoluene	11.670	91	5431007	209.724	ug/L		97
94)	tert-Butylbenzene	11.879	119	5278367	212.581	ug/L		99
97)	1,2,4-Trimethylbenzene	11.955	105	6094220	213.711	ug/L		98
98)	sec-Butylbenzene	12.066	105	7421506	212.997	ug/L		97
99)	p-Isopropyltoluene	12.220	119	6229360	216.461	ug/L		98
100)	1,3-Dichlorobenzene	12.289	146	3105699	206.926	ug/L		99
101)	1,4-Dichlorobenzene	12.381	146	3033170	202.228	ug/L		99
102)	p-Diethylbenzene	12.588	119	3502982	219.087	ug/L		98
103)	n-Butylbenzene	12.646	91	4948964	213.696	ug/L		99
104)	1,2-Dichlorobenzene	12.800	146	2563094	203.242	ug/L		99
105)	1,2,4,5-Tetramethylben...	13.377	119	4791436	223.949	ug/L		98
106)	1,2-Dibromo-3-chloropr...	13.572	155	118446	214.697	ug/L		98
107)	1,3,5-Trichlorobenzene	13.608	180	1689257	210.870	ug/L		99
108)	Hexachlorobutadiene	14.177	225	624998	217.670	ug/L		99
109)	1,2,4-Trichlorobenzene	14.205	180	1276258	218.713	ug/L		99
110)	Naphthalene	14.495	128	1982338	227.629	ug/L		100
111)	1,2,3-Trichlorobenzene	14.665	180	881436	210.930	ug/L		99

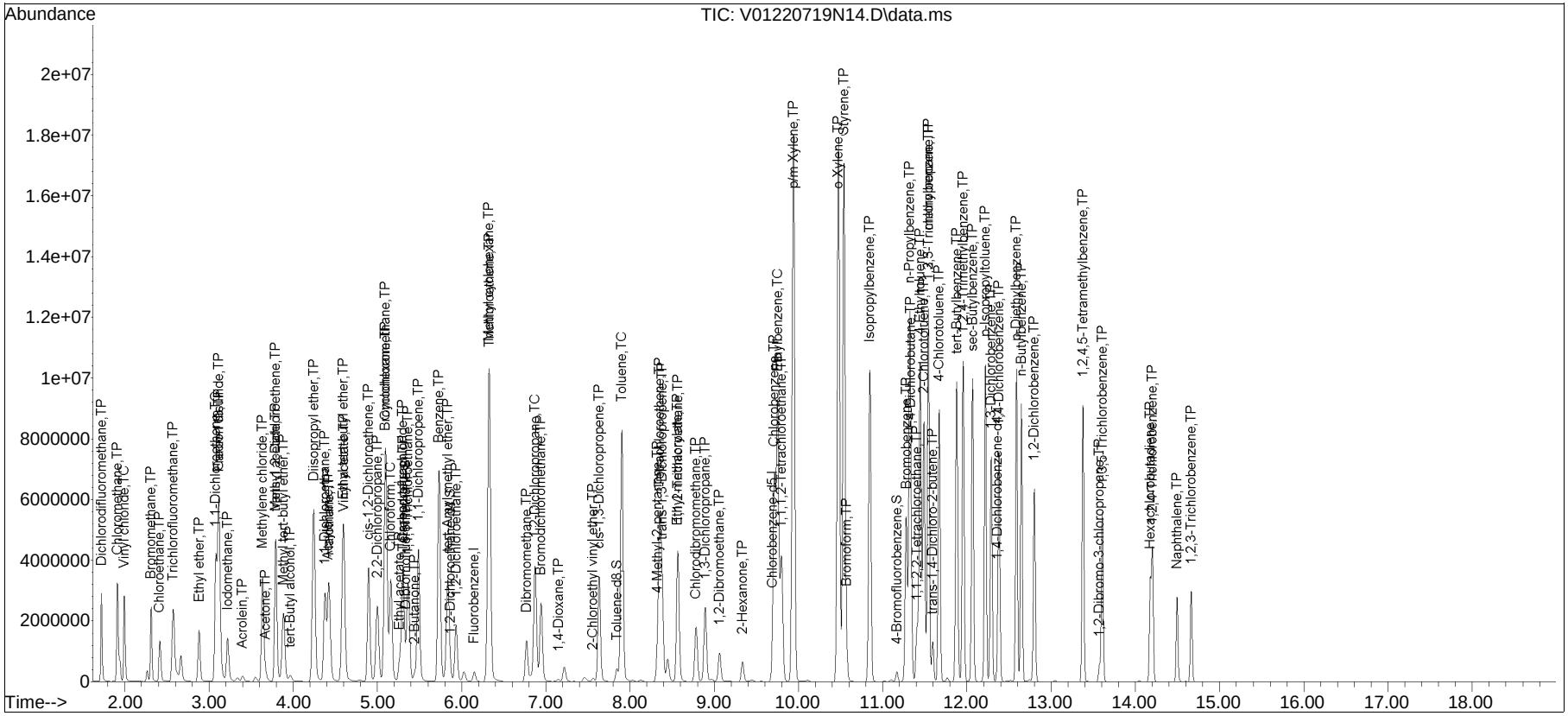
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2022\220719NICAL\
Data File : V01220719N14.D
Acq On : 20 Jul 2022 12:34 am
Operator : VOA101:PD
Sample : I8260STD200PPB
Misc : WG1665246,ICAL
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 20 11:25:40 2022
Quant Method : I:\VOLATILES\VOA101\2022\220719NICAL\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 11:23:17 2022
Response via : Initial Calibration

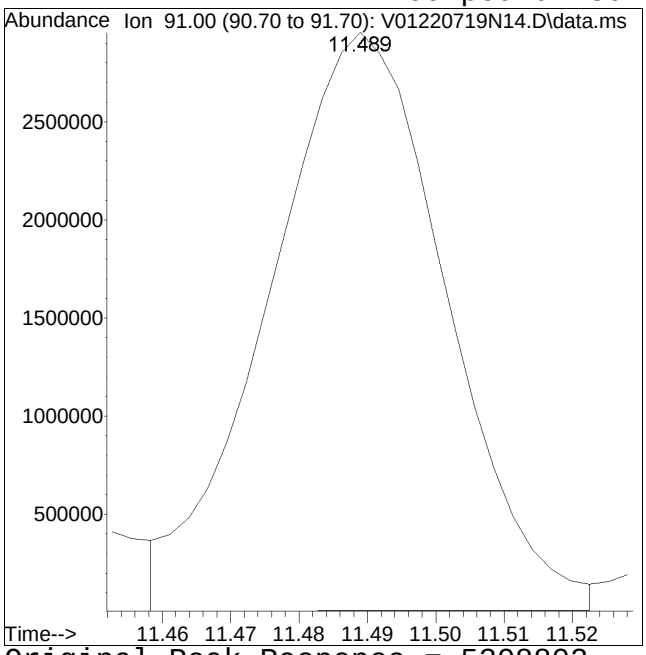
Sub List : 8260-Curve - Megamix plus Diox20719NICAL\V01220719N10.D•

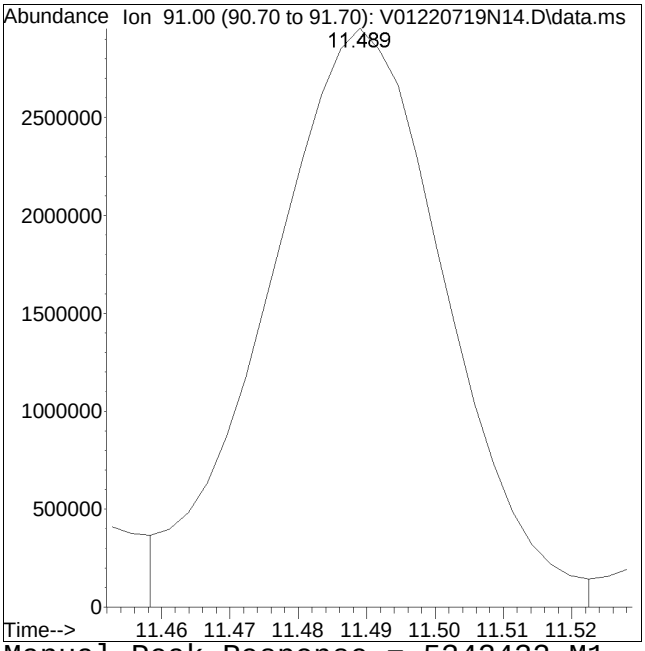


Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2022\2QMethod : V101_220719N_8260.m
Data File : V01220719N14.D Operator : VOA101:PD
Date Inj'd : 7/20/2022 12:34 am Instrument : VOA 101
Sample : I8260STD200PPB Quant Date : 7/20/2022 11:25 am

Compound #89: 2-Chlorotoluene





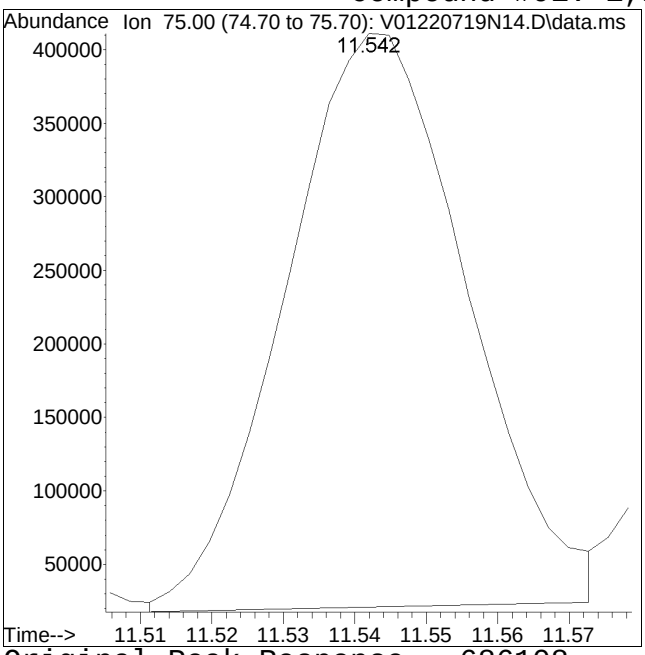
Original Peak Response = 5308802 Manual Peak Response = 5342432 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

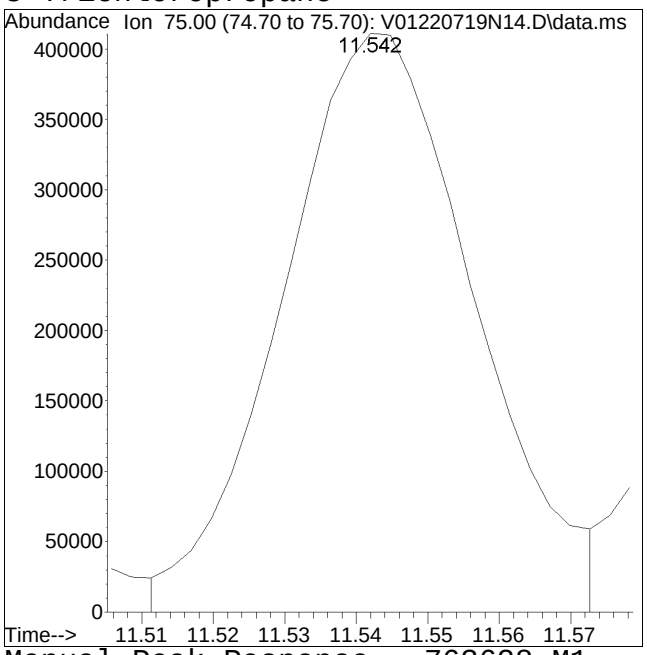
Data Path : I:\VOLATILES\VOA101\2022\2Q
Data File : V01220719N14.D
Date Inj'd : 7/20/2022 12:34 am
Sample : I8260STD200PPB

Method : V101_220719N_8260.m
Operator : VOA101:PD
Instrument : VOA 101
Quant Date : 7/20/2022 11:25 am

Compound #91: 1,2,3-Trichloropropane



Original Peak Response = 686108



Manual Peak Response = 763628 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\VOA101\2022\220719NICAL\
Data File : V01220719N19.D
Acq On : 20 Jul 2022 2:31 am
Operator : VOA101:PD
Sample : C8260STD10PPB
Misc : WG1665246,ICAL
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jul 20 15:10:09 2022
Quant Method : I:\VOLATILES\VOA101\2022\220719NICAL\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 15:08:30 2022
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	111	0.00
2	TP	Dichlorodifluoromethane	0.279	0.201	28.0#	76	0.00
3	TP	Chloromethane	0.447	0.391	12.5	95	0.00
4	TC	Vinyl chloride	0.325	0.304	6.5	100	0.00
5	TP	Bromomethane	* 10.000	11.822	-18.2	156	0.00
6	TP	Chloroethane	0.186	0.180	3.2	101	0.00
7	TP	Trichlorofluoromethane	0.383	0.368	3.9	102	0.00
8	TP	Ethyl ether	0.082	0.094	-14.6	130	0.00
10	TC	1,1-Dichloroethene	0.217	0.198	8.8	99	0.00
11	TP	Carbon disulfide	0.592	0.590	0.3	113	0.00
12	TP	Freon-113	0.240	0.251	-4.6	112	0.00
13	TP	Iodomethane	0.298	0.198	33.6#	72	0.00
14	TP	Acrolein	0.020	0.018	10.0	111	0.00
15	TP	Methylene chloride	0.225	0.228	-1.3	113	0.00
17	TP	Acetone	0.050	0.032	36.0#	74	0.00
18	TP	trans-1,2-Dichloroethene	0.237	0.228	3.8	105	0.00
19	TP	Methyl acetate	* 10.000	8.552	14.5	103	0.00
20	TP	Methyl tert-butyl ether	0.376	0.384	-2.1	114	0.00
21	TP	tert-Butyl alcohol	0.00792	0.00747#	5.7	102	0.00
22	TP	Diisopropyl ether	0.963	0.938	2.6	106	0.00
23	TP	1,1-Dichloroethane	0.520	0.513	1.3	106	0.00
24	TP	Halothane	0.190	0.191	-0.5	109	0.00
25	TP	Acrylonitrile	0.044	0.040	9.1	109	0.00
26	TP	Ethyl tert-butyl ether	0.686	0.672	2.0	109	0.00
27	TP	Vinyl acetate	0.398	0.365	8.3	117	0.00
28	TP	cis-1,2-Dichloroethene	0.253	0.240	5.1	104	0.00
29	TP	2,2-Dichloropropane	0.313	0.304	2.9	106	0.00
30	TP	Bromochloromethane	0.089	0.090#	-1.1	105	0.00
31	TP	Cyclohexane	0.584	0.552	5.5	99	0.00
32	TC	Chloroform	0.416	0.402	3.4	106	0.00
33	TP	Ethyl acetate	0.130	0.118	9.2	106	0.00
34	TP	Carbon tetrachloride	0.352	0.335	4.8	103	0.00
35	TP	Tetrahydrofuran	0.042	0.038	9.5	101	0.00
36	S	Dibromofluoromethane	0.253	0.247	2.4	110	0.00
37	TP	1,1,1-Trichloroethane	0.370	0.381	-3.0	112	0.00
39	TP	2-Butanone	0.054	0.037	31.5#	83	0.00
40	TP	1,1-Dichloropropene	0.337	0.315	6.5	101	0.00
41	TP	Benzene	0.967	0.932	3.6	104	0.00
42	TP	tert-Amyl methyl ether	0.424	0.414	2.4	111	0.00

Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\VOA101\2022\220719NICAL\
Data File : V01220719N19.D
Acq On : 20 Jul 2022 2:31 am
Operator : VOA101:PD
Sample : C8260STD10PPB
Misc : WG1665246,ICAL
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jul 20 15:10:09 2022
Quant Method : I:\VOLATILES\VOA101\2022\220719NICAL\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 15:08:30 2022
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
43	S	1,2-Dichloroethane-d4	0.244	0.239	2.0	112	0.00
44	TP	1,2-Dichloroethane	0.263	0.253	3.8	109	0.00
47	TP	Methyl cyclohexane	0.401	0.384	4.2	104	0.00
48	TP	Trichloroethene	0.253	0.251	0.8	105	0.00
50	TP	Dibromomethane	0.095	0.087	8.4	102	0.00
51	TC	1,2-Dichloropropane	0.273	0.260	4.8	106	0.00
53	TP	2-Chloroethyl vinyl ether	* 10.000	8.491	15.1	100	0.00
54	TP	Bromodichloromethane	0.279	0.266#	4.7	107	0.00
57	TP	1,4-Dioxane	0.00079	0.00065#	17.7	92	0.00
58	TP	cis-1,3-Dichloropropene	0.320	0.290#	9.4	105	0.00
59	I	Chlorobenzene-d5	1.000	1.000	0.0	111	0.00
60	S	Toluene-d8	1.283	1.301	-1.4	110	0.00
61	TC	Toluene	0.785	0.764	2.7	105	0.00
62	TP	4-Methyl-2-pentanone	0.057	0.047	17.5	97	0.00
63	TP	Tetrachloroethene	0.343	0.329	4.1	102	0.00
65	TP	trans-1,3-Dichloropropene	0.302	0.280#	7.3	106	0.00
67	TP	Ethyl methacrylate	0.213	0.180	15.5	105	0.00
68	TP	1,1,2-Trichloroethane	0.142	0.142#	0.0	111	0.00
69	TP	Chlorodibromomethane	0.216	0.211	2.3	110	0.00
70	TP	1,3-Dichloropropane	0.307	0.294	4.2	106	0.00
71	TP	1,2-Dibromoethane	0.155	0.151#	2.6	107	0.00
72	TP	2-Hexanone	0.101	0.080	20.8#	90	0.00
73	TP	Chlorobenzene	0.822	0.812	1.2	107	0.00
74	TC	Ethylbenzene	1.511	1.476	2.3	106	0.00
75	TP	1,1,1,2-Tetrachloroethane	0.276	0.277	-0.4	109	0.00
76	TP	p/m Xylene	0.576	0.565	1.9	105	0.00
77	TP	o Xylene	0.542	0.543	-0.2	107	0.00
78	TP	Styrene	0.823	0.839	-1.9	110	0.00
79	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	110	0.00
80	TP	Bromoform	0.222	0.214	3.6	111	0.00
82	TP	Isopropylbenzene	2.989	2.947	1.4	105	0.00
83	S	4-Bromofluorobenzene	0.950	0.960	-1.1	112	0.00
84	TP	Bromobenzene	0.621	0.612	1.4	107	0.00
85	TP	n-Propylbenzene	3.439	3.372	1.9	105	0.00
86	TP	1,4-Dichlorobutane	0.746	0.734	1.6	108	0.00
87	TP	1,1,2,2-Tetrachloroethane	0.341	0.328	3.8	108	0.00
88	TP	4-Ethyltoluene	2.811	2.866	-2.0	109	0.00

Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\VOA101\2022\220719NICAL\
Data File : V01220719N19.D
Acq On : 20 Jul 2022 2:31 am
Operator : VOA101:PD
Sample : C8260STD10PPB
Misc : WG1665246,ICAL
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jul 20 15:10:09 2022
Quant Method : I:\VOLATILES\VOA101\2022\220719NICAL\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 15:08:30 2022
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
89 TP	2-Chlorotoluene	2.034	2.002	1.6	106	0.00
90 TP	1,3,5-Trimethylbenzene	2.339	2.219	5.1	101	0.00
91 TP	1,2,3-Trichloropropane	0.292	0.276	5.5	103	0.00
92 TP	trans-1,4-Dichloro-2-butene	0.121	0.106	12.4	102	0.00
93 TP	4-Chlorotoluene	2.021	1.987	1.7	106	0.00
94 TP	tert-Butylbenzene	1.938	1.916	1.1	105	0.00
97 TP	1,2,4-Trimethylbenzene	2.226	2.236	-0.4	106	0.00
98 TP	sec-Butylbenzene	2.719	2.654	2.4	103	0.00
99 TP	p-Isopropyltoluene	2.246	2.189	2.5	104	0.00
100 TP	1,3-Dichlorobenzene	1.171	1.154	1.5	107	0.00
101 TP	1,4-Dichlorobenzene	1.171	1.138	2.8	108	0.00
102 TP	p-Diethylbenzene	1.248	1.174	5.9	101	0.00
103 TP	n-Butylbenzene	1.807	1.779	1.5	107	0.00
104 TP	1,2-Dichlorobenzene	0.984	0.962	2.2	108	0.00
105 TP	1,2,4,5-Tetramethylbenzene	1.670	1.615	3.3	106	0.00
106 TP	1,2-Dibromo-3-chloropropane	0.043	0.039	9.3	111	0.00
107 TP	1,3,5-Trichlorobenzene	0.625	0.600	4.0	105	0.00
108 TP	Hexachlorobutadiene	0.224	0.212	5.4	106	0.00
109 TP	1,2,4-Trichlorobenzene	0.455	0.425	6.6	108	0.00
110 TP	Naphthalene	0.680	0.640	5.9	112	0.00
111 TP	1,2,3-Trichlorobenzene	0.326	0.308#	5.5	109	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 9 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2022\220719NICAL\
Data File : V01220719N19.D
Acq On : 20 Jul 2022 2:31 am
Operator : VOA101:PD
Sample : C8260STD10PPB
Misc : WG1665246,ICAL
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jul 20 15:10:09 2022
Quant Method : I:\VOLATILES\VOA101\2022\220719NICAL\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 15:08:30 2022
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2022\220719NICAL\V01220719N10.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.152	96	330289	10.000	ug/L	0.00
Standard Area 1 = 297967			Recovery = 110.85%			
59) Chlorobenzene-d5	9.693	117	254060	10.000	ug/L	0.00
Standard Area 1 = 229324			Recovery = 110.79%			
79) 1,4-Dichlorobenzene-d4	12.362	152	122387	10.000	ug/L	0.00
Standard Area 1 = 111060			Recovery = 110.20%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.337	113	81482	9.769	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.69%			
43) 1,2-Dichloroethane-d4	5.864	65	78898	9.786	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.86%			
60) Toluene-d8	7.842	98	330474	10.140	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.40%			
83) 4-Bromofluorobenzene	11.168	95	117474	10.101	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.01%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.723	85	66289	7.198	ug/L	99
3) Chloromethane	1.913	50	129119	8.753	ug/L	99
4) Vinyl chloride	1.997	62	100416	9.344	ug/L	99
5) Bromomethane	2.317	94	50075	11.822	ug/L	99
6) Chloroethane	2.437	64	59406	9.655	ug/L	95
7) Trichlorofluoromethane	2.582	101	121607	9.621	ug/L	98
8) Ethyl ether	2.883	74	30895	11.386	ug/L #	67
10) 1,1-Dichloroethene	3.081	96	65522	9.134	ug/L	83
11) Carbon disulfide	3.115	76	195003	9.974	ug/L	99
12) Freon-113	3.123	101	82985	10.472	ug/L	95
13) Iodomethane	3.226	142	65421	6.657	ug/L	100
14) Acrolein	3.402	56	6036	9.024	ug/L	94
15) Methylene chloride	3.642	84	75388	10.154	ug/L	73
17) Acetone	3.681	43	10577M1	6.385	ug/L	
18) trans-1,2-Dichloroethene	3.795	96	75149	9.618	ug/L	87
19) Methyl acetate	3.798	43	26993	8.552	ug/L #	93
20) Methyl tert-butyl ether	3.884	73	126825	10.216	ug/L #	86
21) tert-Butyl alcohol	3.965	59	12335	47.129	ug/L	93
22) Diisopropyl ether	4.247	45	309931	9.747	ug/L	92
23) 1,1-Dichloroethane	4.378	63	169282	9.853	ug/L	97
24) Halothane	4.423	117	63237	10.064	ug/L	99

Data Path : I:\VOLATILES\VOA101\2022\220719NICAL\
Data File : V01220719N19.D
Acq On : 20 Jul 2022 2:31 am
Operator : VOA101:PD
Sample : C8260STD10PPB
Misc : WG1665246,ICAL
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jul 20 15:10:09 2022
Quant Method : I:\VOLATILES\VOA101\2022\220719NICAL\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 15:08:30 2022
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2022\220719NICAL\V01220719N10.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Acrylonitrile	4.425	53	13062	9.017	ug/L		90
26) Ethyl tert-butyl ether	4.593	59	221798	9.783	ug/L		88
27) Vinyl acetate	4.609	43	120487	9.154	ug/L	#	94
28) cis-1,2-Dichloroethene	4.897	96	79332	9.509	ug/L		86
29) 2,2-Dichloropropane	5.000	77	100460	9.731	ug/L		85
30) Bromochloromethane	5.092	128	29712	10.070	ug/L	#	77
31) Cyclohexane	5.097	56	182406	9.459	ug/L		82
32) Chloroform	5.162	83	132856	9.658	ug/L		96
33) Ethyl acetate	5.270	43	38863	9.051	ug/L		95
34) Carbon tetrachloride	5.298	117	110525	9.518	ug/L		99
35) Tetrahydrofuran	5.318	42	12520	9.038	ug/L	#	62
37) 1,1,1-Trichloroethane	5.368	97	125997	10.312	ug/L		96
39) 2-Butanone	5.454	43	12259	6.884	ug/L		99
40) 1,1-Dichloropropene	5.488	75	104183	9.357	ug/L		99
41) Benzene	5.733	78	307729	9.636	ug/L	#	92
42) tert-Amyl methyl ether	5.836	73	136625	9.752	ug/L	#	87
44) 1,2-Dichloroethane	5.931	62	83439	9.614	ug/L		99
47) Methyl cyclohexane	6.322	83	126674	9.554	ug/L	#	71
48) Trichloroethene	6.330	95	82861	9.924	ug/L		98
50) Dibromomethane	6.776	93	28747	9.196	ug/L		99
51) 1,2-Dichloropropane	6.874	63	85925	9.526	ug/L		95
53) 2-Chloroethyl vinyl ether	7.565	63	2985	8.491	ug/L	#	59
54) Bromodichloromethane	6.944	83	88020	9.536	ug/L		99
57) 1,4-Dioxane	7.150	88	10691	411.157	ug/L	#	85
58) cis-1,3-Dichloropropene	7.638	75	95718	9.069	ug/L		91
61) Toluene	7.900	92	194104	9.735	ug/L		99
62) 4-Methyl-2-pentanone	8.327	58	11843M1	8.140	ug/L		
63) Tetrachloroethene	8.355	166	83517	9.580	ug/L		100
65) trans-1,3-Dichloropropene	8.385	75	71092	9.258	ug/L		91
67) Ethyl methacrylate	8.569	69	45713	8.453	ug/L		95
68) 1,1,2-Trichloroethane	8.569	83	36129	10.012	ug/L		98
69) Chlorodibromomethane	8.784	129	53701	9.775	ug/L		98
70) 1,3-Dichloropropane	8.893	76	74583	9.566	ug/L		99
71) 1,2-Dibromoethane	9.063	107	38322	9.742	ug/L		99
72) 2-Hexanone	9.345	43	20216M1	7.909	ug/L		
73) Chlorobenzene	9.713	112	206261	9.881	ug/L		99
74) Ethylbenzene	9.749	91	374866	9.767	ug/L		100
75) 1,1,1,2-Tetrachloroethane	9.794	131	70263	10.024	ug/L		99
76) p/m Xylene	9.936	106	287229	19.611	ug/L		98
77) o Xylene	10.471	106	275692	20.037	ug/L		98

Data Path : I:\VOLATILES\VOA101\2022\220719NICAL\
Data File : V01220719N19.D
Acq On : 20 Jul 2022 2:31 am
Operator : VOA101:PD
Sample : C8260STD10PPB
Misc : WG1665246,ICAL
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jul 20 15:10:09 2022
Quant Method : I:\VOLATILES\VOA101\2022\220719NICAL\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 15:08:30 2022
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2022\220719NICAL\V01220719N10.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
78) Styrene	10.535	104	426154	20.381	ug/L		98
80) Bromoform	10.563	173	26250	9.667	ug/L		98
82) Isopropylbenzene	10.845	105	360665	9.858	ug/L		99
84) Bromobenzene	11.277	156	74943	9.860	ug/L		99
85) n-Propylbenzene	11.319	91	412640	9.805	ug/L		100
86) 1,4-Dichlorobutane	11.336	55	89804	9.831	ug/L		97
87) 1,1,2,2-Tetrachloroethane	11.403	83	40178	9.629	ug/L		97
88) 4-Ethyltoluene	11.442	105	350741	10.196	ug/L		99
89) 2-Chlorotoluene	11.486	91	245043M1	9.843	ug/L		
90) 1,3,5-Trimethylbenzene	11.536	105	271612	9.488	ug/L		100
91) 1,2,3-Trichloropropane	11.545	75	33821M1	9.473	ug/L		
92) trans-1,4-Dichloro-2-b...	11.589	53	12917	8.717	ug/L	#	60
93) 4-Chlorotoluene	11.668	91	243191	9.832	ug/L		97
94) tert-Butylbenzene	11.877	119	234485	9.887	ug/L		99
97) 1,2,4-Trimethylbenzene	11.952	105	273718	10.049	ug/L		99
98) sec-Butylbenzene	12.063	105	324773	9.759	ug/L		98
99) p-Isopropyltoluene	12.214	119	267950	9.748	ug/L		98
100) 1,3-Dichlorobenzene	12.287	146	141212	9.850	ug/L		100
101) 1,4-Dichlorobenzene	12.379	146	139248	9.720	ug/L		99
102) p-Diethylbenzene	12.588	119	143664	9.407	ug/L		98
103) n-Butylbenzene	12.644	91	217750	9.844	ug/L		100
104) 1,2-Dichlorobenzene	12.800	146	117743	9.775	ug/L		99
105) 1,2,4,5-Tetramethylben...	13.377	119	197621	9.670	ug/L		98
106) 1,2-Dibromo-3-chloropr...	13.572	155	4774	9.060	ug/L		98
107) 1,3,5-Trichlorobenzene	13.606	180	73444	9.598	ug/L		99
108) Hexachlorobutadiene	14.177	225	25903	9.445	ug/L		98
109) 1,2,4-Trichlorobenzene	14.205	180	51959	9.322	ug/L		99
110) Naphthalene	14.498	128	78338	9.418	ug/L		100
111) 1,2,3-Trichlorobenzene	14.663	180	37656	9.434	ug/L		98

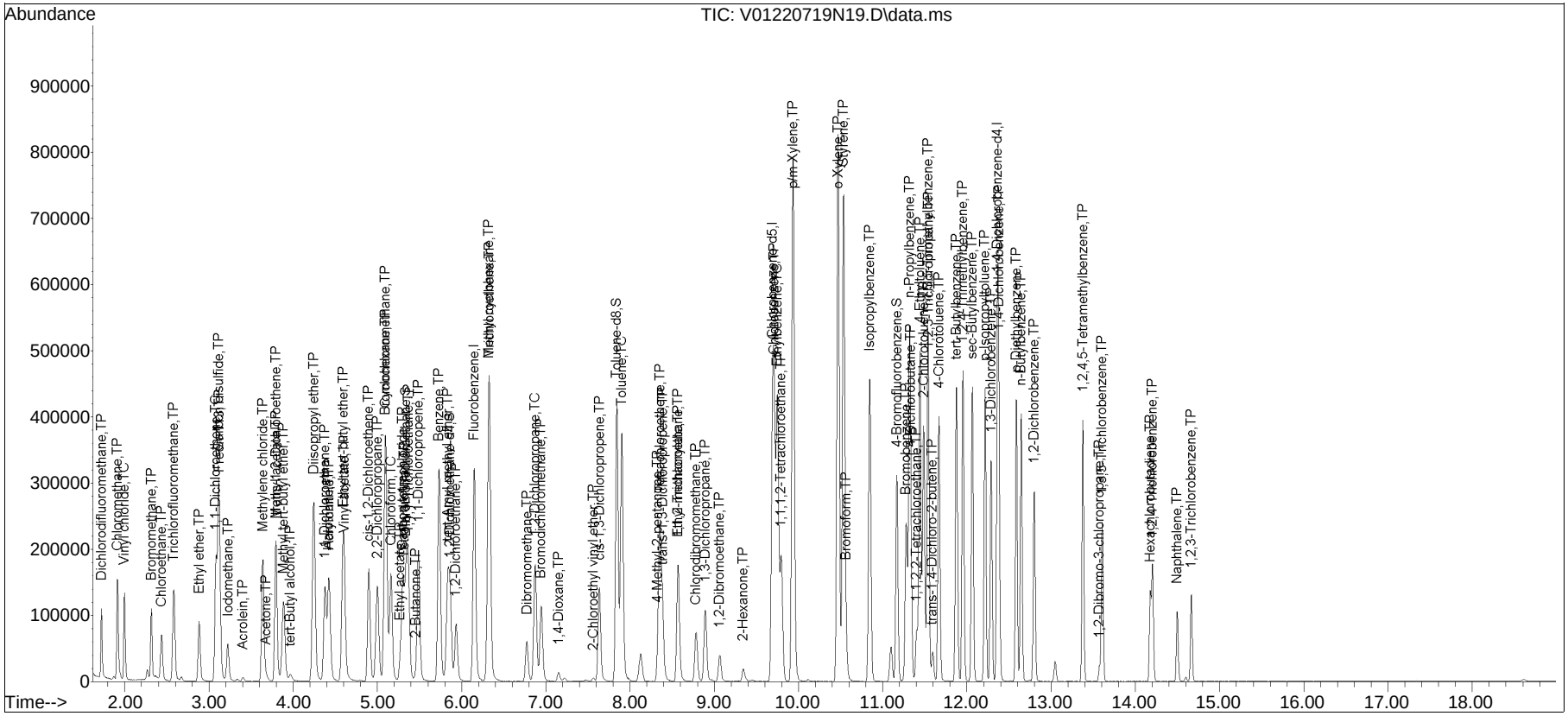
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2022\220719NICAL\
Data File : V01220719N19.D
Acq On : 20 Jul 2022 2:31 am
Operator : VOA101:PD
Sample : C8260STD10PPB
Misc : WG1665246,ICAL
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jul 20 15:10:09 2022
Quant Method : I:\VOLATILES\VOA101\2022\220719NICAL\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 15:08:30 2022
Response via : Initial Calibration

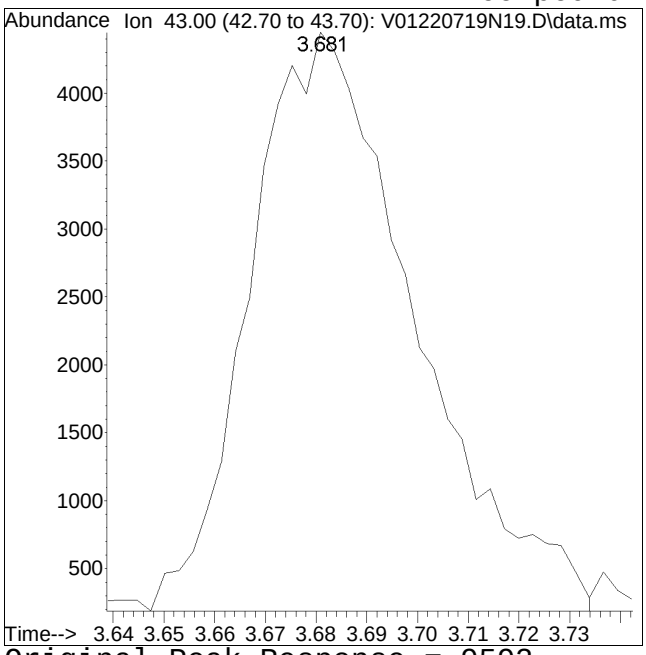
Sub List : 8260-Curve - Megamix plus Diox20719NICAL\V01220719N10.D•

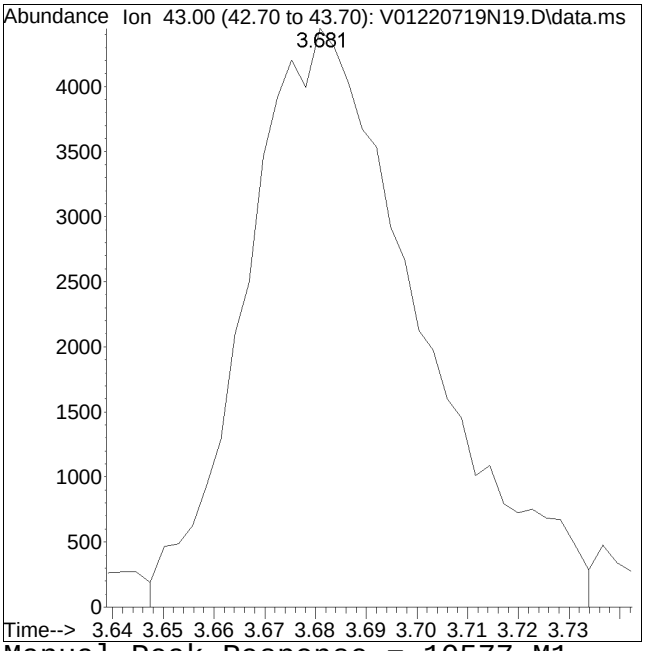


Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2022\2QMethod : V101_220719N_8260.m
Data File : V01220719N19.D Operator : VOA101:PD
Date Inj'd : 7/20/2022 2:31 am Instrument : VOA 101
Sample : C8260STD10PPB Quant Date : 7/20/2022 3:10 pm

Compound #17: Acetone





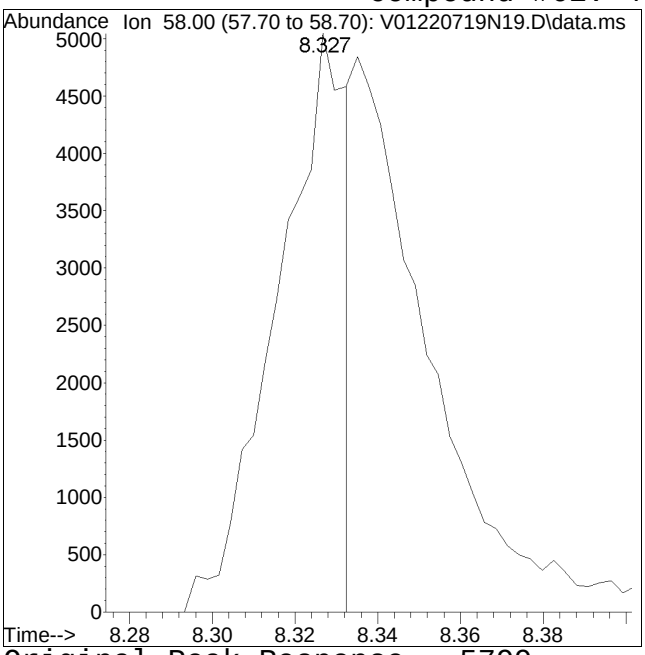
Original Peak Response = 9592 Manual Peak Response = 10577 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

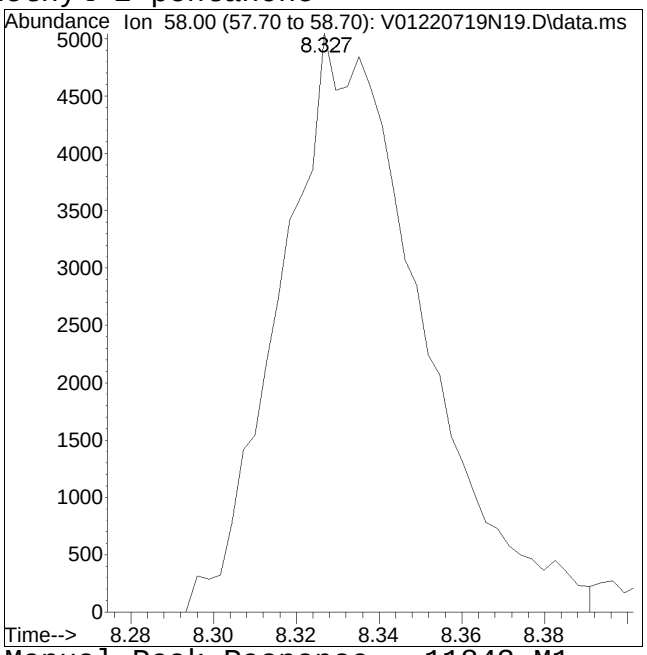
Data Path : I:\VOLATILES\VOA101\2022\2Q
Data File : V01220719N19.D
Date Inj'd : 7/20/2022 2:31 am
Sample : C8260STD10PPB

Method : V101_220719N_8260.m
Operator : VOA101:PD
Instrument : VOA 101
Quant Date : 7/20/2022 3:10 pm

Compound #62: 4-Methyl-2-pentanone



Original Peak Response = 5799



Manual Peak Response = 11843 M1

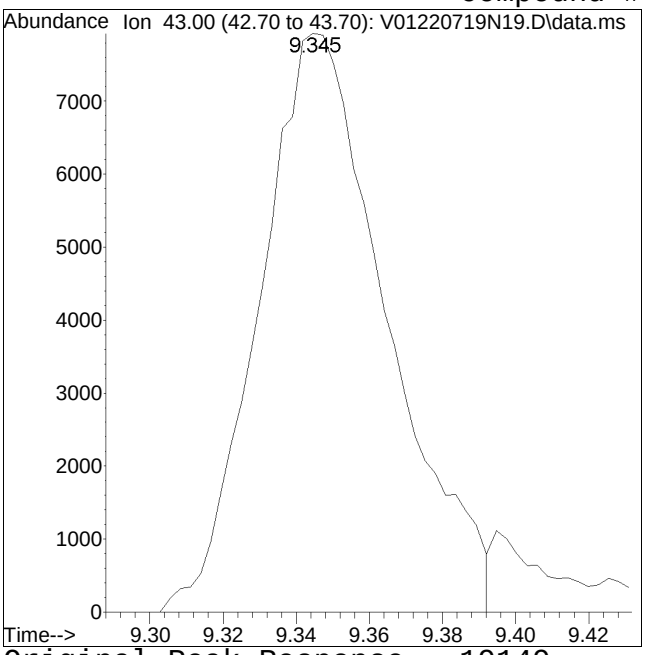
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

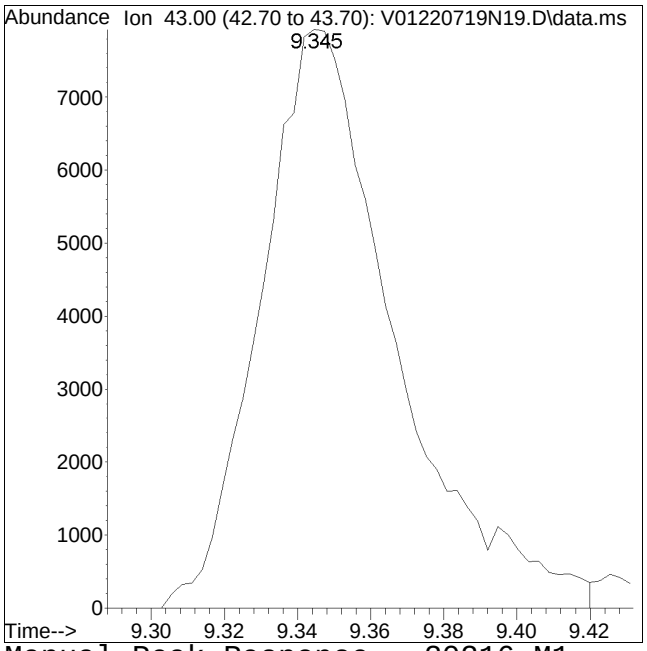
Data Path : I:\VOLATILES\VOA101\2022\2Q
Data File : V01220719N19.D
Date Inj'd : 7/20/2022 2:31 am
Sample : C8260STD10PPB

Method : V101_220719N_8260.m
Operator : VOA101:PD
Instrument : VOA 101
Quant Date : 7/20/2022 3:10 pm

Compound #72: 2-Hexanone



Original Peak Response = 19149



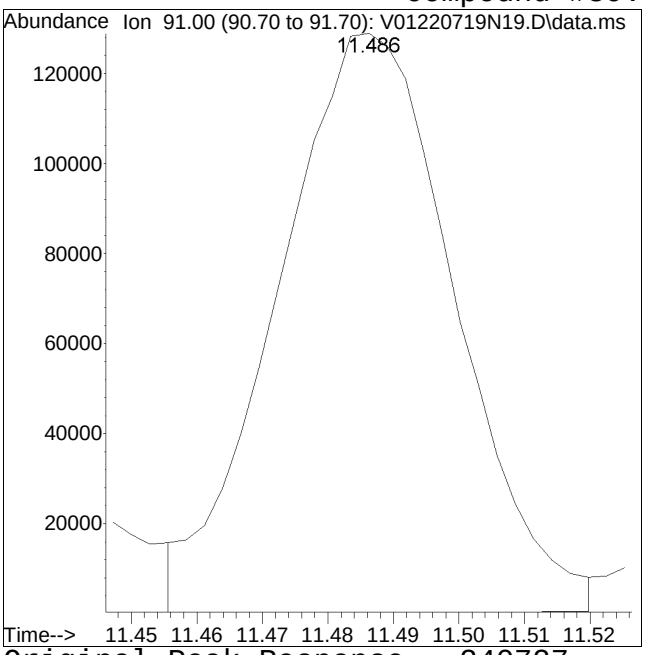
Manual Peak Response = 20216 M1

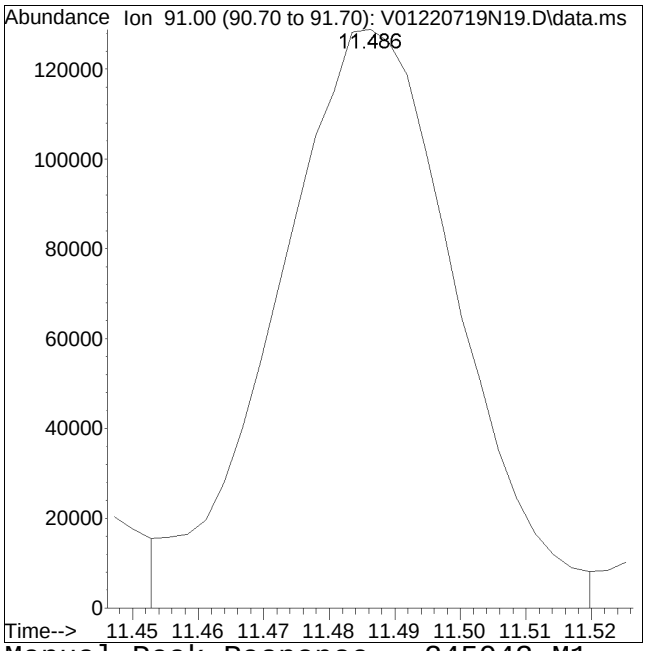
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2022\2QMethod : V101_220719N_8260.m
Data File : V01220719N19.D Operator : VOA101:PD
Date Inj'd : 7/20/2022 2:31 am Instrument : VOA 101
Sample : C8260STD10PPB Quant Date : 7/20/2022 3:10 pm

Compound #89: 2-Chlorotoluene





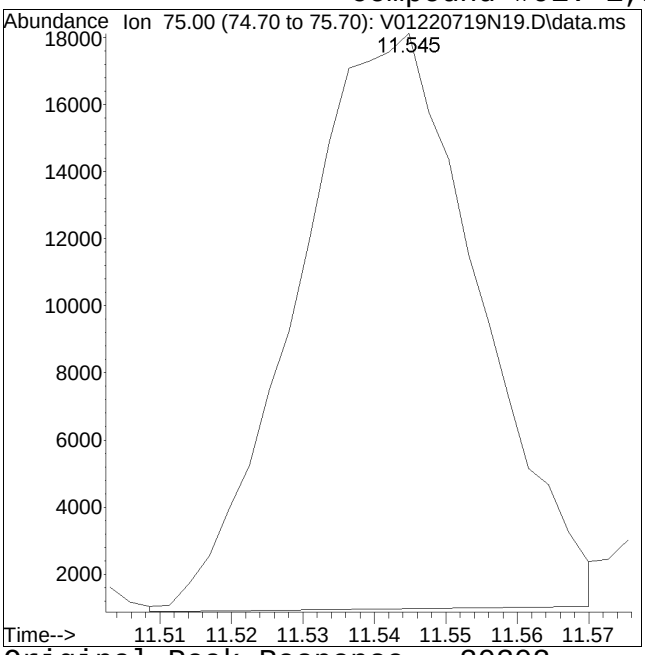
Original Peak Response = 240727 Manual Peak Response = 245043 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

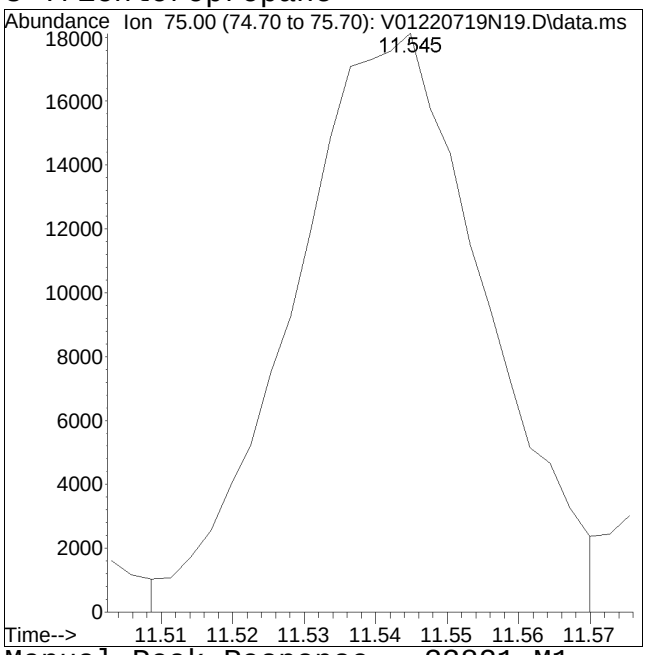
Data Path : I:\VOLATILES\VOA101\2022\2Q
Data File : V01220719N19.D
Date Inj'd : 7/20/2022 2:31 am
Sample : C8260STD10PPB

Method : V101_220719N_8260.m
Operator : VOA101:PD
Instrument : VOA 101
Quant Date : 7/20/2022 3:10 pm

Compound #91: 1,2,3-Trichloropropane



Original Peak Response = 30302



Manual Peak Response = 33821 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Correlation Data Summary

Method Path:	I:\VOLATILES\VOA101\2022\220719NICAL\
Method File:	V101_220719N_8260.m
Method Title:	VOLATILES BY GC/MS
Last Update:	Wed Jul 20 11:23:17 2022
CSV generated:	Wed Jul 20 11:35:54 2022

Analyte	Curve fit Type	Coefficient of Determination	Quadratic Term	Linear Term	Constant Term
Bromomethane	Quadratic	0.997702	0.003225	0.128045	-0.004276
Methyl acetate	Linear	0.99721	0	0.086223	0.007986
2-Chloroethyl vinyl ether	Quadratic	0.999083	-0.00017	0.012371	-0.001344

Continuing Calibration

Calibration Verification Summary
Form 7
Volatiles

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2237198		
Project Name	: GROSSINGERS	**Project Number**	: 9313		
Instrument ID	: VOA101	**Calibration Date**	: 07/20/22 16:42		
Lab File ID	: V01220720N01	**Init. Calib. Date(s)**	: 07/19/22	07/20/22	
Sample No	: WG1665617-2	**Init. Calib. Times**	: 20:38	00:34	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	110	0
Dichlorodifluoromethane	0.279	0.266	-	4.7	20	99	0
Chloromethane	0.447	0.417	-	6.7	20	100	0
Vinyl chloride	0.325	0.32	-	1.5	20	104	0
Bromomethane	10	12.245	-	-22.4*	20	160	0
Chloroethane	0.186	0.185	-	0.5	20	103	0
Trichlorofluoromethane	0.383	0.367	-	4.2	20	100	0
Ethyl ether	0.082	0.077	-	6.1	20	106	0
1,1-Dichloroethene	0.217	0.204	-	6	20	101	0
Carbon disulfide	0.592	0.594	-	-0.3	20	112	0
Freon-113	0.24	0.228	-	5	20	101	0
Iodomethane	0.298	0.186	-	37.6*	20	67	0
Acrolein	0.02	0.02	-	0	20	118	0
Methylene chloride	0.225	0.224	-	0.4	20	110	0
Acetone	0.05	0.059	-	-18	20	134	0
trans-1,2-Dichloroethene	0.237	0.226	-	4.6	20	103	0
Methyl acetate	10	8.485	-	15.2	20	101	0
Methyl tert-butyl ether	0.376	0.36	-	4.3	20	106	0
tert-Butyl alcohol	0.00792	0.00783*	-	1.1	20	106	0
Diisopropyl ether	0.963	0.912	-	5.3	20	102	0
1,1-Dichloroethane	0.52	0.501	-	3.7	20	103	0
Halothane	0.19	0.181	-	4.7	20	102	0
Acrylonitrile	0.044	0.041	-	6.8	20	111	0
Ethyl tert-butyl ether	0.686	0.647	-	5.7	20	104	0
Vinyl acetate	0.398	0.373	-	6.3	20	118	0
cis-1,2-Dichloroethene	0.253	0.248	-	2	20	106	0
2,2-Dichloropropane	0.313	0.328	-	-4.8	20	113	0
Bromochloromethane	0.089	0.094*	-	-5.6	20	107	0
Cyclohexane	0.584	0.558	-	4.5	20	99	0
Chloroform	0.416	0.4	-	3.8	20	104	0
Ethyl acetate	0.13	0.117	-	10	20	104	0
Carbon tetrachloride	0.352	0.33	-	6.2	20	100	0
Tetrahydrofuran	0.042	0.04	-	4.8	20	107	0
Dibromofluoromethane	0.253	0.251	-	0.8	20	111	0
1,1,1-Trichloroethane	0.37	0.357	-	3.5	20	104	0
2-Butanone	0.054	0.051	-	5.6	20	112	0
1,1-Dichloropropene	0.337	0.323	-	4.2	20	103	0
Benzene	0.967	0.936	-	3.2	20	104	0
tert-Amyl methyl ether	0.424	0.405	-	4.5	20	107	0
1,2-Dichloroethane-d4	0.244	0.246	-	-0.8	20	114	0
1,2-Dichloroethane	0.263	0.257	-	2.3	20	110	0
Methyl cyclohexane	0.401	0.388	-	3.2	20	104	0
Trichloroethene	0.253	0.242	-	4.3	20	100	0

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Volatiles

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2237198		
Project Name	: GROSSINGERS	**Project Number**	: 9313		
Instrument ID	: VOA101	**Calibration Date**	: 07/20/22 16:42		
Lab File ID	: V01220720N01	**Init. Calib. Date(s)**	: 07/19/22	07/20/22	
Sample No	: WG1665617-2	**Init. Calib. Times**	: 20:38	00:34	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Dibromomethane	0.095	0.091	-	4.2	20	105	0
1,2-Dichloropropane	0.273	0.264	-	3.3	20	106	0
2-Chloroethyl vinyl ether	10	8.224	-	17.8	20	95	0
Bromodichloromethane	0.279	0.27*	-	3.2	20	107	0
1,4-Dioxane	0.00079	0.0008*	-	-1.3	20	112	-.01
cis-1,3-Dichloropropene	0.32	0.297*	-	7.2	20	107	0
Chlorobenzene-d5	1	1	-	0	20	112	0
Toluene-d8	1.283	1.285	-	-0.2	20	110	0
Toluene	0.785	0.761	-	3.1	20	106	0
4-Methyl-2-pentanone	0.057	0.05	-	12.3	20	106	0
Tetrachloroethene	0.343	0.328	-	4.4	20	103	0
trans-1,3-Dichloropropene	0.302	0.281*	-	7	20	108	0
Ethyl methacrylate	0.213	0.184	-	13.6	20	109	0
1,1,2-Trichloroethane	0.142	0.14*	-	1.4	20	111	0
Chlorodibromomethane	0.216	0.202	-	6.5	20	106	0
1,3-Dichloropropane	0.307	0.292	-	4.9	20	106	0
1,2-Dibromoethane	0.155	0.151*	-	2.6	20	109	0
2-Hexanone	0.101	0.091	-	9.9	20	105	0
Chlorobenzene	0.822	0.793	-	3.5	20	106	0
Ethylbenzene	1.511	1.454	-	3.8	20	106	0
1,1,1,2-Tetrachloroethane	0.276	0.268	-	2.9	20	107	0
p/m Xylene	0.576	0.57	-	1	20	107	0
o Xylene	0.542	0.529	-	2.4	20	106	0
Styrene	0.823	0.807	-	1.9	20	107	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	112	0
Bromoform	0.222	0.205	-	7.7	20	108	0
Isopropylbenzene	2.989	2.914	-	2.5	20	105	0
4-Bromofluorobenzene	0.95	0.96	-	-1.1	20	114	0
Bromobenzene	0.621	0.609	-	1.9	20	108	0
n-Propylbenzene	3.439	3.393	-	1.3	20	107	0
1,4-Dichlorobutane	0.746	0.713	-	4.4	20	107	0
1,1,2,2-Tetrachloroethane	0.341	0.327	-	4.1	20	109	0
4-Ethyltoluene	2.811	2.781	-	1.1	20	108	0
2-Chlorotoluene	2.034	1.963	-	3.5	20	106	0
1,3,5-Trimethylbenzene	2.339	2.264	-	3.2	20	105	0
1,2,3-Trichloropropane	0.292	0.255	-	12.7	20	97	0
trans-1,4-Dichloro-2-buten	0.121	0.107	-	11.6	20	105	0
4-Chlorotoluene	2.021	1.982	-	1.9	20	108	0
tert-Butylbenzene	1.938	1.909	-	1.5	20	106	0
1,2,4-Trimethylbenzene	2.226	2.202	-	1.1	20	107	0
sec-Butylbenzene	2.719	2.688	-	1.1	20	107	0
p-Isopropyltoluene	2.246	2.235	-	0.5	20	108	0
1,3-Dichlorobenzene	1.171	1.138	-	2.8	20	108	0

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Volatiles

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2237198	
Project Name	: GROSSINGERS	**Project Number**	: 9313	
Instrument ID	: VOA101	**Calibration Date**	: 07/20/22 16:42	
Lab File ID	: V01220720N01	**Init. Calib. Date(s)**	: 07/19/22	07/20/22
Sample No	: WG1665617-2	**Init. Calib. Times**	: 20:38	00:34
Channel	:			

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,4-Dichlorobenzene	1.171	1.117	-	4.6	20	108	0
p-Diethylbenzene	1.248	1.233	-	1.2	20	108	0
n-Butylbenzene	1.807	1.798	-	0.5	20	110	0
1,2-Dichlorobenzene	0.984	0.923	-	6.2	20	105	0
1,2,4,5-Tetramethylbenzene	1.67	1.629	-	2.5	20	109	0
1,2-Dibromo-3-chloropropan	0.043	0.035	-	18.6	20	103	0
1,3,5-Trichlorobenzene	0.625	0.597	-	4.5	20	107	0
Hexachlorobutadiene	0.224	0.219	-	2.2	20	111	0
1,2,4-Trichlorobenzene	0.455	0.416	-	8.6	20	108	0
Naphthalene	0.68	0.568	-	16.5	20	102	0
1,2,3-Trichlorobenzene	0.326	0.282*	-	13.5	20	102	0

*** Value outside of QC limits.**

Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N01.D
Acq On : 20 Jul 2022 4:42 pm
Operator : VOA101:TMS
Sample : WG1665617-2
Misc : WG1665617,ICAL19192
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 20 17:23:10 2022
Quant Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 11:23:17 2022
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	110	0.00
2	TP	Dichlorodifluoromethane	0.279	0.266	4.7	99	0.00
3	TP	Chloromethane	0.447	0.417	6.7	100	0.00
4	TC	Vinyl chloride	0.325	0.320	1.5	104	0.00
5	TP	Bromomethane	* 10.000	12.245	-22.4#	160	0.00
6	TP	Chloroethane	0.186	0.185	0.5	103	0.00
7	TP	Trichlorofluoromethane	0.383	0.367	4.2	100	0.00
8	TP	Ethyl ether	0.082	0.077	6.1	106	0.00
10	TC	1,1-Dichloroethene	0.217	0.204	6.0	101	0.00
11	TP	Carbon disulfide	0.592	0.594	-0.3	112	0.00
12	TP	Freon-113	0.240	0.228	5.0	101	0.00
13	TP	Iodomethane	0.298	0.186	37.6#	67	0.00
14	TP	Acrolein	0.020	0.020	0.0	118	0.00
15	TP	Methylene chloride	0.225	0.224	0.4	110	0.00
17	TP	Acetone	0.050	0.059	-18.0	134	0.00
18	TP	trans-1,2-Dichloroethene	0.237	0.226	4.6	103	0.00
19	TP	Methyl acetate	* 10.000	8.485	15.2	101	0.00
20	TP	Methyl tert-butyl ether	0.376	0.360	4.3	106	0.00
21	TP	tert-Butyl alcohol	0.00792	0.00783#	1.1	106	0.00
22	TP	Diisopropyl ether	0.963	0.912	5.3	102	0.00
23	TP	1,1-Dichloroethane	0.520	0.501	3.7	103	0.00
24	TP	Halothane	0.190	0.181	4.7	102	0.00
25	TP	Acrylonitrile	0.044	0.041	6.8	111	0.00
26	TP	Ethyl tert-butyl ether	0.686	0.647	5.7	104	0.00
27	TP	Vinyl acetate	0.398	0.373	6.3	118	0.00
28	TP	cis-1,2-Dichloroethene	0.253	0.248	2.0	106	0.00
29	TP	2,2-Dichloropropane	0.313	0.328	-4.8	113	0.00
30	TP	Bromochloromethane	0.089	0.094#	-5.6	107	0.00
31	TP	Cyclohexane	0.584	0.558	4.5	99	0.00
32	TC	Chloroform	0.416	0.400	3.8	104	0.00
33	TP	Ethyl acetate	0.130	0.117	10.0	104	0.00
34	TP	Carbon tetrachloride	0.352	0.330	6.2	100	0.00
35	TP	Tetrahydrofuran	0.042	0.040	4.8	107	0.00
36	S	Dibromofluoromethane	0.253	0.251	0.8	111	0.00
37	TP	1,1,1-Trichloroethane	0.370	0.357	3.5	104	0.00
39	TP	2-Butanone	0.054	0.051	5.6	112	0.00
40	TP	1,1-Dichloropropene	0.337	0.323	4.2	103	0.00
41	TP	Benzene	0.967	0.936	3.2	104	0.00
42	TP	tert-Amyl methyl ether	0.424	0.405	4.5	107	0.00

Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N01.D
Acq On : 20 Jul 2022 4:42 pm
Operator : VOA101:TMS
Sample : WG1665617-2
Misc : WG1665617,ICAL19192
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 20 17:23:10 2022
Quant Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 11:23:17 2022
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
43	S	1,2-Dichloroethane-d4	0.244	0.246	-0.8	114	0.00
44	TP	1,2-Dichloroethane	0.263	0.257	2.3	110	0.00
47	TP	Methyl cyclohexane	0.401	0.388	3.2	104	0.00
48	TP	Trichloroethene	0.253	0.242	4.3	100	0.00
50	TP	Dibromomethane	0.095	0.091	4.2	105	0.00
51	TC	1,2-Dichloropropane	0.273	0.264	3.3	106	0.00
53	TP	2-Chloroethyl vinyl ether	* 10.000	8.224	17.8	95	0.00
54	TP	Bromodichloromethane	0.279	0.270#	3.2	107	0.00
57	TP	1,4-Dioxane	0.00079	0.00080#	-1.3	112	-0.01
58	TP	cis-1,3-Dichloropropene	0.320	0.297#	7.2	107	0.00
59	I	Chlorobenzene-d5	1.000	1.000	0.0	112	0.00
60	S	Toluene-d8	1.283	1.285	-0.2	110	0.00
61	TC	Toluene	0.785	0.761	3.1	106	0.00
62	TP	4-Methyl-2-pentanone	0.057	0.050	12.3	106	0.00
63	TP	Tetrachloroethene	0.343	0.328	4.4	103	0.00
65	TP	trans-1,3-Dichloropropene	0.302	0.281#	7.0	108	0.00
67	TP	Ethyl methacrylate	0.213	0.184	13.6	109	0.00
68	TP	1,1,2-Trichloroethane	0.142	0.140#	1.4	111	0.00
69	TP	Chlorodibromomethane	0.216	0.202	6.5	106	0.00
70	TP	1,3-Dichloropropane	0.307	0.292	4.9	106	0.00
71	TP	1,2-Dibromoethane	0.155	0.151#	2.6	109	0.00
72	TP	2-Hexanone	0.101	0.091	9.9	105	0.00
73	TP	Chlorobenzene	0.822	0.793	3.5	106	0.00
74	TC	Ethylbenzene	1.511	1.454	3.8	106	0.00
75	TP	1,1,1,2-Tetrachloroethane	0.276	0.268	2.9	107	0.00
76	TP	p/m Xylene	0.576	0.570	1.0	107	0.00
77	TP	o Xylene	0.542	0.529	2.4	106	0.00
78	TP	Styrene	0.823	0.807	1.9	107	0.00
79	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	112	0.00
80	TP	Bromoform	0.222	0.205	7.7	108	0.00
82	TP	Isopropylbenzene	2.989	2.914	2.5	105	0.00
83	S	4-Bromofluorobenzene	0.950	0.960	-1.1	114	0.00
84	TP	Bromobenzene	0.621	0.609	1.9	108	0.00
85	TP	n-Propylbenzene	3.439	3.393	1.3	107	0.00
86	TP	1,4-Dichlorobutane	0.746	0.713	4.4	107	0.00
87	TP	1,1,2,2-Tetrachloroethane	0.341	0.327	4.1	109	0.00
88	TP	4-Ethyltoluene	2.811	2.781	1.1	108	0.00

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N01.D
Acq On : 20 Jul 2022 4:42 pm
Operator : VOA101:TMS
Sample : WG1665617-2
Misc : WG1665617,ICAL19192
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 20 17:23:10 2022
Quant Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 11:23:17 2022
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
89 TP	2-Chlorotoluene	2.034	1.963	3.5	106	0.00
90 TP	1,3,5-Trimethylbenzene	2.339	2.264	3.2	105	0.00
91 TP	1,2,3-Trichloropropane	0.292	0.255	12.7	97	0.00
92 TP	trans-1,4-Dichloro-2-butene	0.121	0.107	11.6	105	0.00
93 TP	4-Chlorotoluene	2.021	1.982	1.9	108	0.00
94 TP	tert-Butylbenzene	1.938	1.909	1.5	106	0.00
97 TP	1,2,4-Trimethylbenzene	2.226	2.202	1.1	107	0.00
98 TP	sec-Butylbenzene	2.719	2.688	1.1	107	0.00
99 TP	p-Isopropyltoluene	2.246	2.235	0.5	108	0.00
100 TP	1,3-Dichlorobenzene	1.171	1.138	2.8	108	0.00
101 TP	1,4-Dichlorobenzene	1.171	1.117	4.6	108	0.00
102 TP	p-Diethylbenzene	1.248	1.233	1.2	108	0.00
103 TP	n-Butylbenzene	1.807	1.798	0.5	110	0.00
104 TP	1,2-Dichlorobenzene	0.984	0.923	6.2	105	0.00
105 TP	1,2,4,5-Tetramethylbenzene	1.670	1.629	2.5	109	0.00
106 TP	1,2-Dibromo-3-chloropropane	0.043	0.035	18.6	103	0.00
107 TP	1,3,5-Trichlorobenzene	0.625	0.597	4.5	107	0.00
108 TP	Hexachlorobutadiene	0.224	0.219	2.2	111	0.00
109 TP	1,2,4-Trichlorobenzene	0.455	0.416	8.6	108	0.00
110 TP	Naphthalene	0.680	0.568	16.5	102	0.00
111 TP	1,2,3-Trichlorobenzene	0.326	0.282#	13.5	102	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 9 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N01.D
Acq On : 20 Jul 2022 4:42 pm
Operator : VOA101:TMS
Sample : WG1665617-2
Misc : WG1665617,ICAL19192
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 20 17:23:10 2022
Quant Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 11:23:17 2022
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2022\220720N\V01220720N01.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.149	96	326687	10.000	ug/L	0.00
Standard Area 1 = 326687			Recovery = 100.00%			
59) Chlorobenzene-d5	9.690	117	256877	10.000	ug/L	0.00
Standard Area 1 = 256877			Recovery = 100.00%			
79) 1,4-Dichlorobenzene-d4	12.365	152	124607	10.000	ug/L	0.00
Standard Area 1 = 124607			Recovery = 100.00%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.335	113	82155	9.959	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.59%			
43) 1,2-Dichloroethane-d4	5.862	65	80233	10.061	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.61%			
60) Toluene-d8	7.842	98	329990	10.014	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.14%			
83) 4-Bromofluorobenzene	11.166	95	119576	10.098	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.98%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.726	85	86948	9.545	ug/L	99
3) Chloromethane	1.916	50	136342	9.345	ug/L	100
4) Vinyl chloride	1.997	62	104423	9.824	ug/L	99
5) Bromomethane	2.317	94	51406	12.245	ug/L	98
6) Chloroethane	2.437	64	60377	9.921	ug/L	97
7) Trichlorofluoromethane	2.579	101	120004	9.599	ug/L	99
8) Ethyl ether	2.881	74	25179	9.382	ug/L #	65
10) 1,1-Dichloroethene	3.081	96	66787	9.413	ug/L	80
11) Carbon disulfide	3.112	76	193969	10.031	ug/L	100
12) Freon-113	3.118	101	74510	9.506	ug/L	91
13) Iodomethane	3.224	142	60648	6.240	ug/L	99
14) Acrolein	3.402	56	6427M1	9.714	ug/L	
15) Methylene chloride	3.636	84	73234	9.973	ug/L #	72
17) Acetone	3.673	43	19194	11.715	ug/L	98
18) trans-1,2-Dichloroethene	3.792	96	73963	9.570	ug/L	85
19) Methyl acetate	3.792	43	26510	8.485	ug/L #	93
20) Methyl tert-butyl ether	3.885	73	117542	9.573	ug/L #	87
21) tert-Butyl alcohol	3.963	59	12795	49.425	ug/L #	75
22) Diisopropyl ether	4.239	45	297797	9.469	ug/L	92
23) 1,1-Dichloroethane	4.373	63	163679	9.632	ug/L	96
24) Halothane	4.423	117	59112	9.512	ug/L	97

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N01.D
Acq On : 20 Jul 2022 4:42 pm
Operator : VOA101:TMS
Sample : WG1665617-2
Misc : WG1665617,ICAL19192
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 20 17:23:10 2022
Quant Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 11:23:17 2022
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2022\220720N\V01220720N01.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Acrylonitrile	4.426	53	13384	9.341	ug/L		94
26) Ethyl tert-butyl ether	4.593	59	211214	9.419	ug/L		90
27) Vinyl acetate	4.604	43	121995	9.371	ug/L	#	93
28) cis-1,2-Dichloroethene	4.894	96	80961	9.812	ug/L		85
29) 2,2-Dichloropropane	4.997	77	107227	10.501	ug/L		85
30) Bromochloromethane	5.086	128	30549	10.468	ug/L	#	74
31) Cyclohexane	5.095	56	182402	9.563	ug/L		78
32) Chloroform	5.156	83	130599	9.599	ug/L		94
33) Ethyl acetate	5.262	43	38213	8.998	ug/L	#	95
34) Carbon tetrachloride	5.298	117	107957	9.399	ug/L		97
35) Tetrahydrofuran	5.315	42	13203M1	9.636	ug/L		
37) 1,1,1-Trichloroethane	5.362	97	116767	9.662	ug/L		95
39) 2-Butanone	5.452	43	16533	9.387	ug/L	#	56
40) 1,1-Dichloropropene	5.482	75	105556	9.585	ug/L		99
41) Benzene	5.728	78	305628	9.676	ug/L	#	91
42) tert-Amyl methyl ether	5.831	73	132160	9.538	ug/L	#	85
44) 1,2-Dichloroethane	5.934	62	83806	9.763	ug/L		97
47) Methyl cyclohexane	6.319	83	126827	9.671	ug/L	#	69
48) Trichloroethene	6.325	95	78929	9.557	ug/L		99
50) Dibromomethane	6.771	93	29668	9.595	ug/L		97
51) 1,2-Dichloropropane	6.871	63	86144	9.655	ug/L		97
53) 2-Chloroethyl vinyl ether	7.560	63	2847	8.224	ug/L	#	67
54) Bromodichloromethane	6.944	83	88221	9.663	ug/L		97
57) 1,4-Dioxane	7.142	88	13005	505.664	ug/L	#	72
58) cis-1,3-Dichloropropene	7.632	75	97008	9.292	ug/L	#	90
61) Toluene	7.900	92	195479	9.696	ug/L		99
62) 4-Methyl-2-pentanone	8.324	58	12901M1	8.770	ug/L		
63) Tetrachloroethene	8.355	166	84180	9.550	ug/L		99
65) trans-1,3-Dichloropropene	8.380	75	72106	9.287	ug/L		88
67) Ethyl methacrylate	8.567	69	47343	8.658	ug/L		99
68) 1,1,2-Trichloroethane	8.569	83	36026	9.874	ug/L		98
69) Chlorodibromomethane	8.781	129	51766	9.320	ug/L		96
70) 1,3-Dichloropropane	8.890	76	75032	9.518	ug/L		100
71) 1,2-Dibromoethane	9.060	107	38808	9.758	ug/L		98
72) 2-Hexanone	9.339	43	23465	9.079	ug/L	#	94
73) Chlorobenzene	9.713	112	203685	9.651	ug/L		99
74) Ethylbenzene	9.746	91	373496	9.625	ug/L		100
75) 1,1,1,2-Tetrachloroethane	9.796	131	68836	9.713	ug/L		99
76) p/m Xylene	9.933	106	292926	19.781	ug/L		97
77) o Xylene	10.468	106	271865	19.542	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N01.D
Acq On : 20 Jul 2022 4:42 pm
Operator : VOA101:TMS
Sample : WG1665617-2
Misc : WG1665617,ICAL19192
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 20 17:23:10 2022
Quant Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 11:23:17 2022
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2022\220720N\V01220720N01.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
78) Styrene	10.533	104	414632	19.612	ug/L		99
80) Bromoform	10.558	173	25578	9.251	ug/L		98
82) Isopropylbenzene	10.845	105	363103	9.748	ug/L		98
84) Bromobenzene	11.277	156	75840	9.801	ug/L		99
85) n-Propylbenzene	11.316	91	422820	9.868	ug/L		99
86) 1,4-Dichlorobutane	11.333	55	88878	9.557	ug/L		98
87) 1,1,2,2-Tetrachloroethane	11.400	83	40800	9.603	ug/L		97
88) 4-Ethyltoluene	11.442	105	346540	9.894	ug/L		99
89) 2-Chlorotoluene	11.484	91	244557	9.648	ug/L		100
90) 1,3,5-Trimethylbenzene	11.537	105	282061	9.678	ug/L		100
91) 1,2,3-Trichloropropane	11.539	75	31741	8.732	ug/L		98
92) trans-1,4-Dichloro-2-b...	11.595	53	13353	8.851	ug/L	#	59
93) 4-Chlorotoluene	11.668	91	246975	9.807	ug/L		97
94) tert-Butylbenzene	11.877	119	237818	9.849	ug/L		99
97) 1,2,4-Trimethylbenzene	11.955	105	274424	9.896	ug/L		99
98) sec-Butylbenzene	12.064	105	334962	9.885	ug/L		98
99) p-Isopropyltoluene	12.217	119	278540	9.953	ug/L		98
100) 1,3-Dichlorobenzene	12.287	146	141794	9.715	ug/L		100
101) 1,4-Dichlorobenzene	12.379	146	139242	9.546	ug/L		99
102) p-Diethylbenzene	12.588	119	153599	9.878	ug/L		98
103) n-Butylbenzene	12.644	91	223994	9.946	ug/L		99
104) 1,2-Dichlorobenzene	12.800	146	114986	9.376	ug/L		99
105) 1,2,4,5-Tetramethylben...	13.377	119	203012	9.757	ug/L		98
106) 1,2-Dibromo-3-chloropr...	13.578	155	4417	8.233	ug/L		94
107) 1,3,5-Trichlorobenzene	13.608	180	74330	9.541	ug/L		98
108) Hexachlorobutadiene	14.180	225	27268	9.765	ug/L		98
109) 1,2,4-Trichlorobenzene	14.202	180	51817	9.131	ug/L		98
110) Naphthalene	14.501	128	70799	8.360	ug/L		100
111) 1,2,3-Trichlorobenzene	14.665	180	35170	8.654	ug/L		98

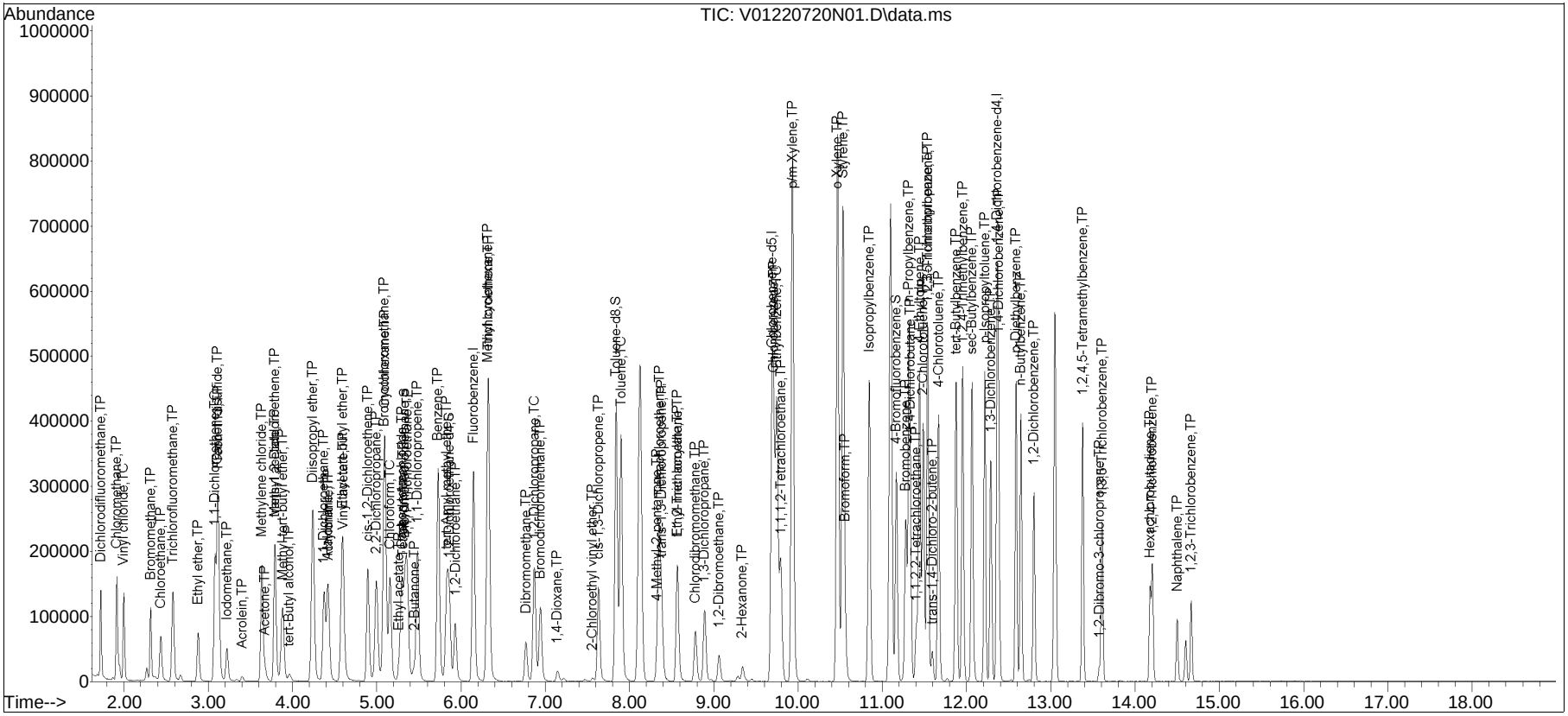
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N01.D
Acq On : 20 Jul 2022 4:42 pm
Operator : VOA101:TMS
Sample : WG1665617-2
Misc : WG1665617,ICAL19192
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 20 17:23:10 2022
Quant Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 11:23:17 2022
Response via : Initial Calibration

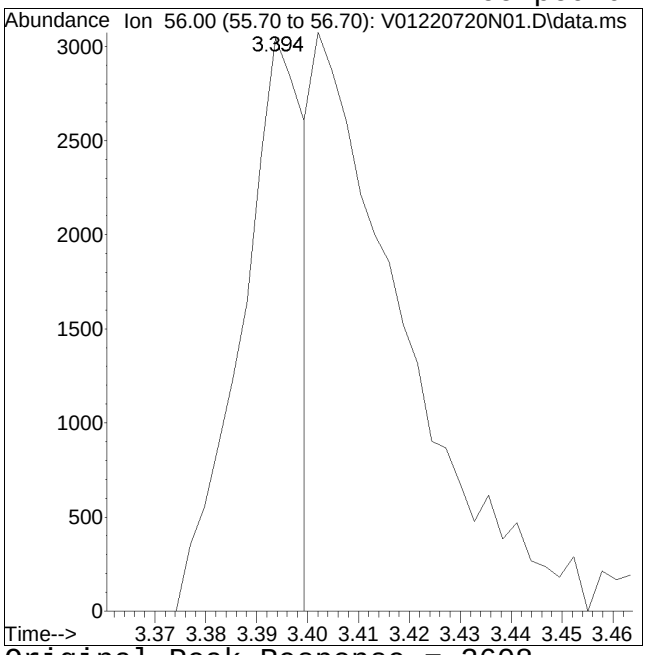
Sub List : 8260-Curve - Megamix plus Diox20720N\V01220720N01.D•

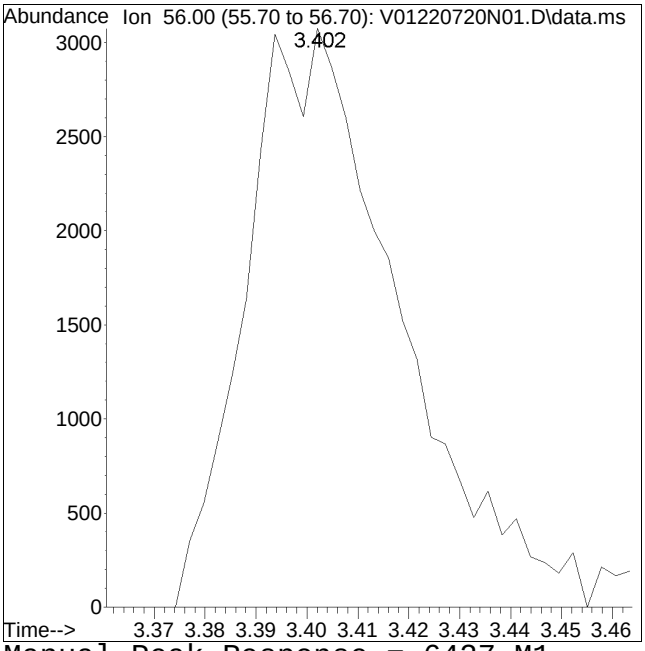


Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2022\2QMethod : V101_220719N_8260.m
Data File : V01220720N01.D Operator : VOA101:TMS
Date Inj'd : 7/20/2022 4:42 pm Instrument : VOA 101
Sample : WG1665617-2 Quant Date : 7/20/2022 5:20 pm

Compound #14: Acrolein





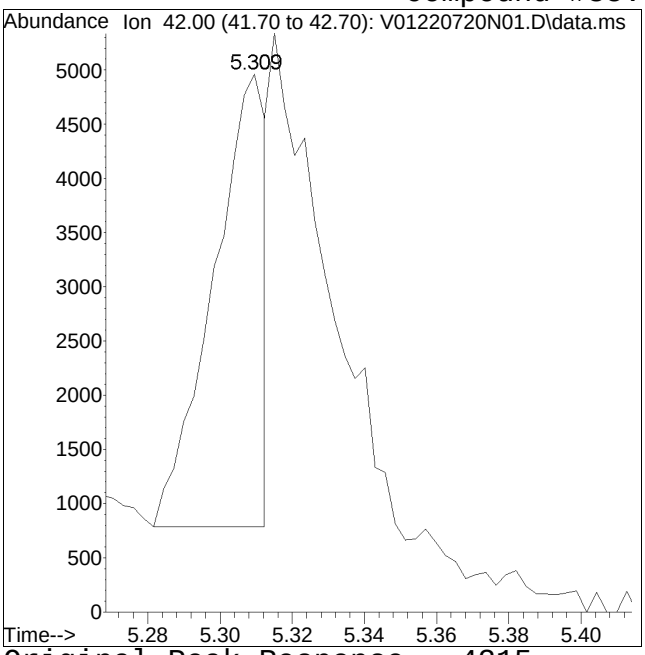
Original Peak Response = 2608 Manual Peak Response = 6427 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

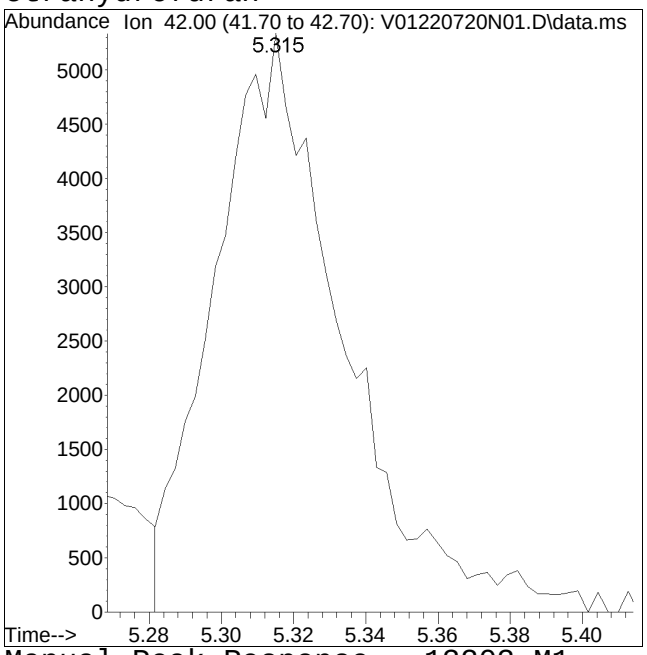
Data Path : I:\VOLATILES\VOA101\2022\2Q
Data File : V01220720N01.D
Date Inj'd : 7/20/2022 4:42 pm
Sample : WG1665617-2

Method : V101_220719N_8260.m
Operator : VOA101:TMS
Instrument : VOA 101
Quant Date : 7/20/2022 5:20 pm

Compound #35: Tetrahydrofuran



Original Peak Response = 4215



Manual Peak Response = 13203 M1

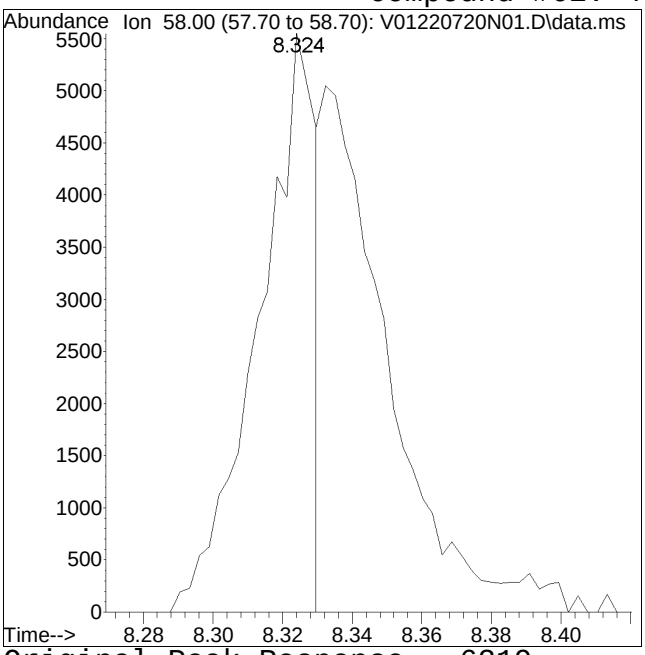
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

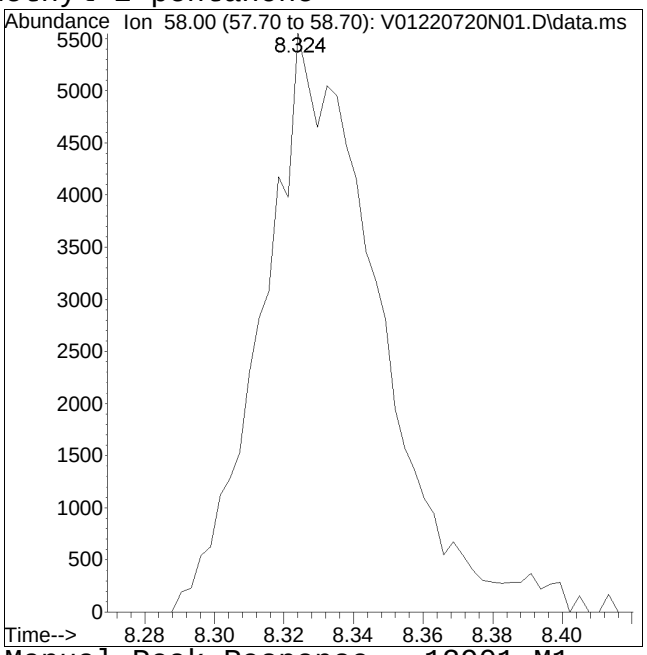
Data Path : I:\VOLATILES\VOA101\2022\2Q
Data File : V01220720N01.D
Date Inj'd : 7/20/2022 4:42 pm
Sample : WG1665617-2

Method : V101_220719N_8260.m
Operator : VOA101:TMS
Instrument : VOA 101
Quant Date : 7/20/2022 5:20 pm

Compound #62: 4-Methyl-2-pentanone



Original Peak Response = 6219



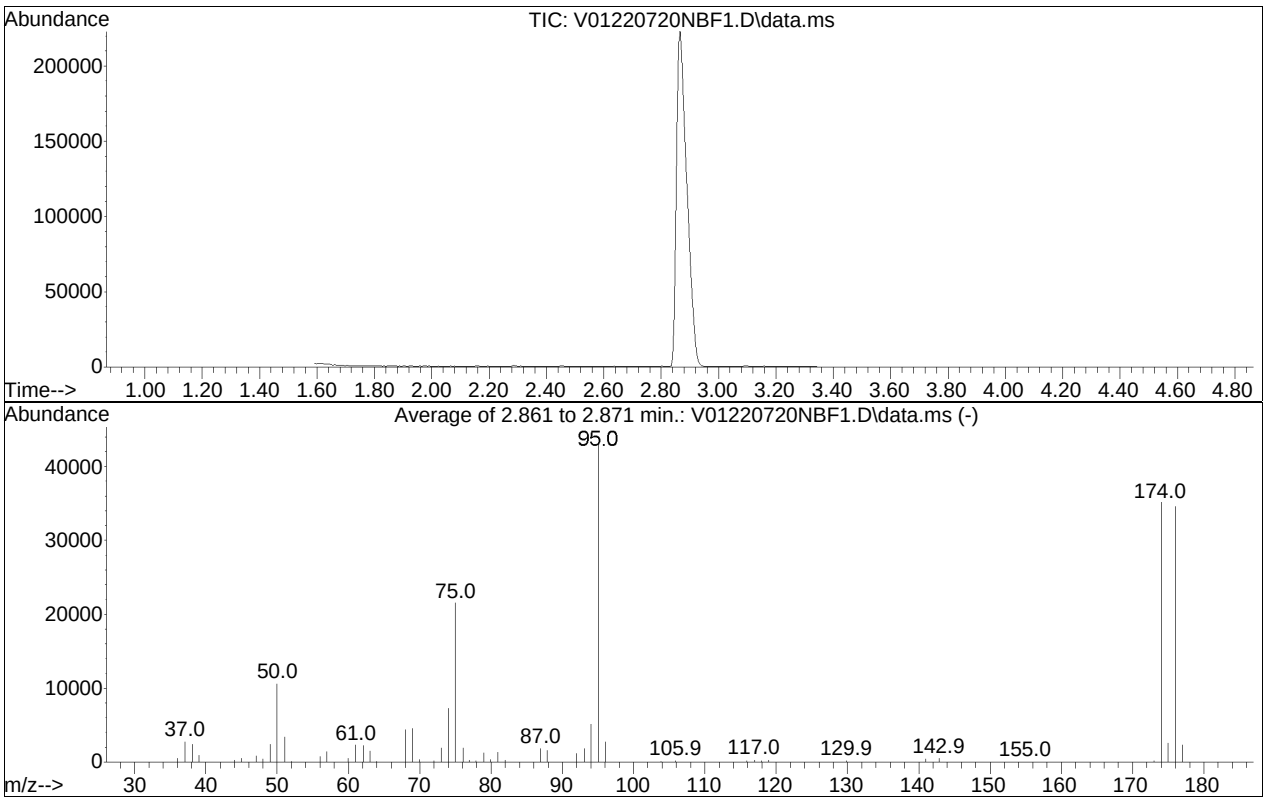
Manual Peak Response = 12901 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720NBF1.D
Acq On : 20 Jul 2022 4:15 pm
Operator : VOA101:TMS
Sample : WG1665617-1
Misc : WG1665617,ICAL19192
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Title : VOLATILES BY GC/MS
Last Update : Wed Jul 20 11:23:17 2022



Spectrum Information: Average of 2.861 to 2.871 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	24.5	10589	PASS
75	95	30	60	49.9	21587	PASS
95	95	100	100	100.0	43224	PASS
96	95	5	9	6.3	2734	PASS
173	174	0.00	2	0.5	165	PASS
174	95	50	100	81.3	35139	PASS
175	174	5	9	7.4	2601	PASS
176	174	95	101	98.5	34608	PASS
177	176	5	9	6.7	2308	PASS

Volatiles Raw QC Data

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N05.D
Acq On : 20 Jul 2022 6:15 pm
Operator : VOA101:TMS
Sample : WG1665617-5,31,10,10
Misc : WG1665617,ICAL19192
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 20 18:47:11 2022
Quant Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 11:23:17 2022
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2022\220720N\V01220720N01.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.149	96	307988	10.000	ug/L	0.00
Standard Area 1 = 326687			Recovery =	94.28%		
59) Chlorobenzene-d5	9.693	117	242903	10.000	ug/L	0.00
Standard Area 1 = 256877			Recovery =	94.56%		
79) 1,4-Dichlorobenzene-d4	12.365	152	113810	10.000	ug/L	0.00
Standard Area 1 = 124607			Recovery =	91.34%		
System Monitoring Compounds						
36) Dibromofluoromethane	5.340	113	78033	10.033	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	100.33%		
43) 1,2-Dichloroethane-d4	5.864	65	76286	10.147	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	101.47%		
60) Toluene-d8	7.844	98	311446	9.995	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	99.95%		
83) 4-Bromofluorobenzene	11.168	95	111988	10.355	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	103.55%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	1.913	50	814	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	2.320	94	1177	0.631	ug/L	95
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
8) Ethyl ether	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.120	76	1235	N.D.		
15) Methylene chloride	3.648	84	503M3	0.073	ug/L	
17) Acetone	0.000		0	N.D. d		
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
25) Acrylonitrile	0.000		0	N.D.		
27) Vinyl acetate	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
29) 2,2-Dichloropropane	0.000		0	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
32) Chloroform	0.000		0	N.D.		

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N05.D
Acq On : 20 Jul 2022 6:15 pm
Operator : VOA101:TMS
Sample : WG1665617-5,31,10,10
Misc : WG1665617,ICAL19192
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 20 18:47:11 2022
Quant Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 11:23:17 2022
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2022\220720N\V01220720N01.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0	N.D.		
37) 1,1,1-Trichloroethane	0.000		0	N.D.		
39) 2-Butanone	0.000		0	N.D.		
40) 1,1-Dichloropropene	0.000		0	N.D.		
41) Benzene	0.000		0	N.D.		
44) 1,2-Dichloroethane	0.000		0	N.D.		
48) Trichloroethene	0.000		0	N.D.		d
50) Dibromomethane	0.000		0	N.D.		
51) 1,2-Dichloropropane	0.000		0	N.D.		
54) Bromodichloromethane	0.000		0	N.D.		
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	0.000		0	N.D.		
61) Toluene	0.000		0	N.D.		
62) 4-Methyl-2-pentanone	0.000		0	N.D.		
63) Tetrachloroethene	0.000		0	N.D.		
65) trans-1,3-Dichloropropene	0.000		0	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D.		
69) Chlorodibromomethane	0.000		0	N.D.		
70) 1,3-Dichloropropane	0.000		0	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.		
72) 2-Hexanone	0.000		0	N.D.		
73) Chlorobenzene	9.710	112	124	N.D.		
74) Ethylbenzene	0.000		0	N.D.		d
75) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
76) p/m Xylene	0.000		0	N.D.		
77) o Xylene	0.000		0	N.D.		
78) Styrene	0.000		0	N.D.		d
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	0.000		0	N.D.		d
84) Bromobenzene	0.000		0	N.D.		d
85) n-Propylbenzene	0.000		0	N.D.		d
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
88) 4-Ethyltoluene	0.000		0	N.D.		d
89) 2-Chlorotoluene	0.000		0	N.D.		d
90) 1,3,5-Trimethylbenzene	0.000		0	N.D.		d
91) 1,2,3-Trichloropropane	0.000		0	N.D.		
92) trans-1,4-Dichloro-2-b...	0.000		0	N.D.		
93) 4-Chlorotoluene	0.000		0	N.D.		d
94) tert-Butylbenzene	11.877	119	26	N.D.		

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N05.D
Acq On : 20 Jul 2022 6:15 pm
Operator : VOA101:TMS
Sample : WG1665617-5,31,10,10
Misc : WG1665617,ICAL19192
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 20 18:47:11 2022
Quant Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 11:23:17 2022
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2022\220720N\V01220720N01.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	11.969	105	196	N.D.		
98) sec-Butylbenzene	0.000		0	N.D.	d	
99) p-Isopropyltoluene	0.000		0	N.D.	d	
100) 1,3-Dichlorobenzene	0.000		0	N.D.	d	
101) 1,4-Dichlorobenzene	12.376	146	665	N.D.		
102) p-Diethylbenzene	12.593	119	176	N.D.		
103) n-Butylbenzene	12.658	91	537	N.D.		
104) 1,2-Dichlorobenzene	12.808	146	112	N.D.		
105) 1,2,4,5-Tetramethylben...	13.383	119	792	N.D.		
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
108) Hexachlorobutadiene	14.183	225	135	N.D.		
109) 1,2,4-Trichlorobenzene	14.219	180	688M1	0.133	ug/L	
110) Naphthalene	14.509	128	1869	0.242	ug/L	100
111) 1,2,3-Trichlorobenzene	14.674	180	971M1	0.262	ug/L	

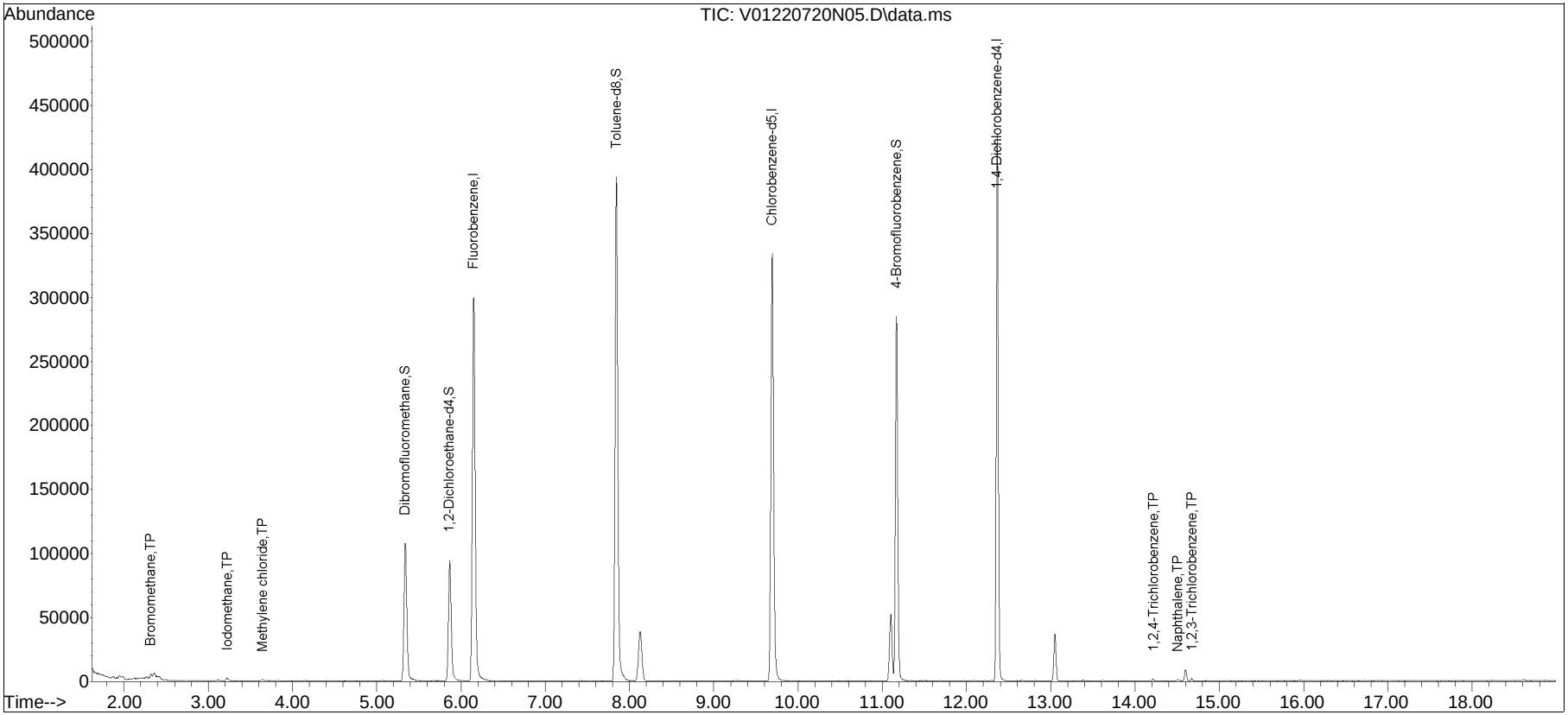
(#) = qualifier out of range (m) = manual integration (+) = signals summed

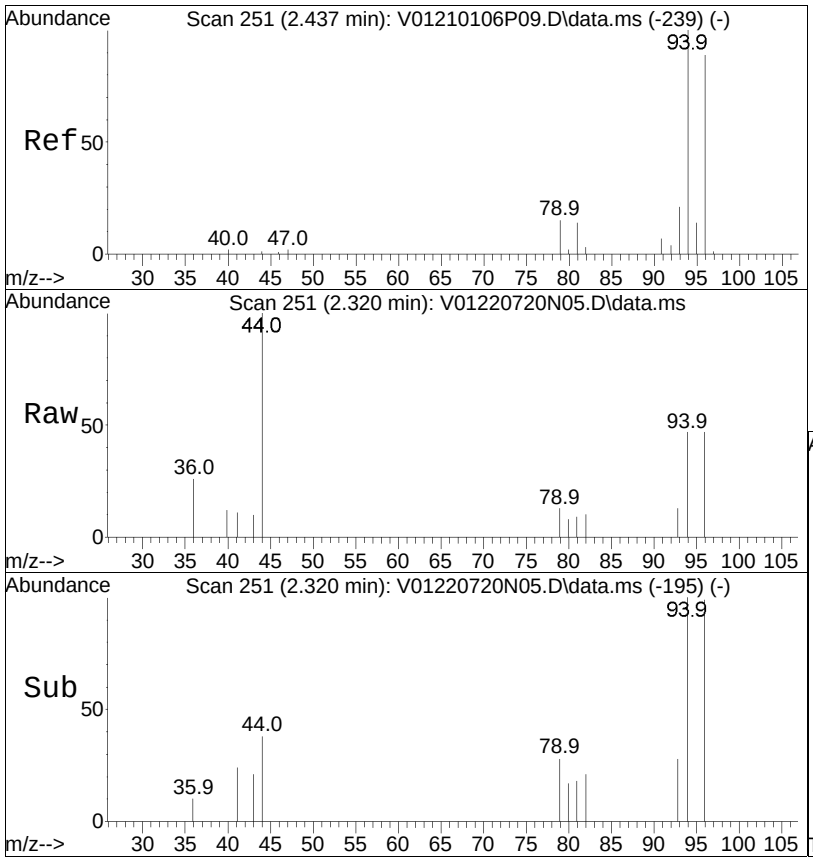
Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N05.D
Acq On : 20 Jul 2022 6:15 pm
Operator : VOA101:TMS
Sample : WG1665617-5,31,10,10
Misc : WG1665617,ICAL19192
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 20 18:47:11 2022
Quant Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 11:23:17 2022
Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox20720N\V01220720N01.D•

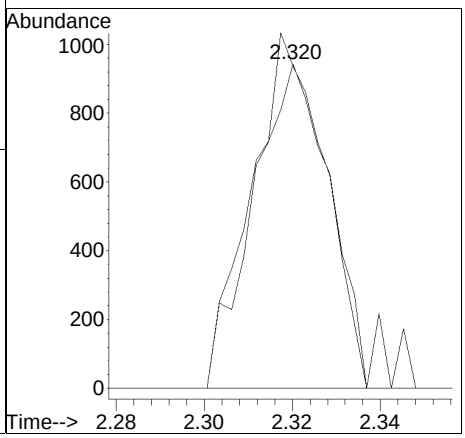


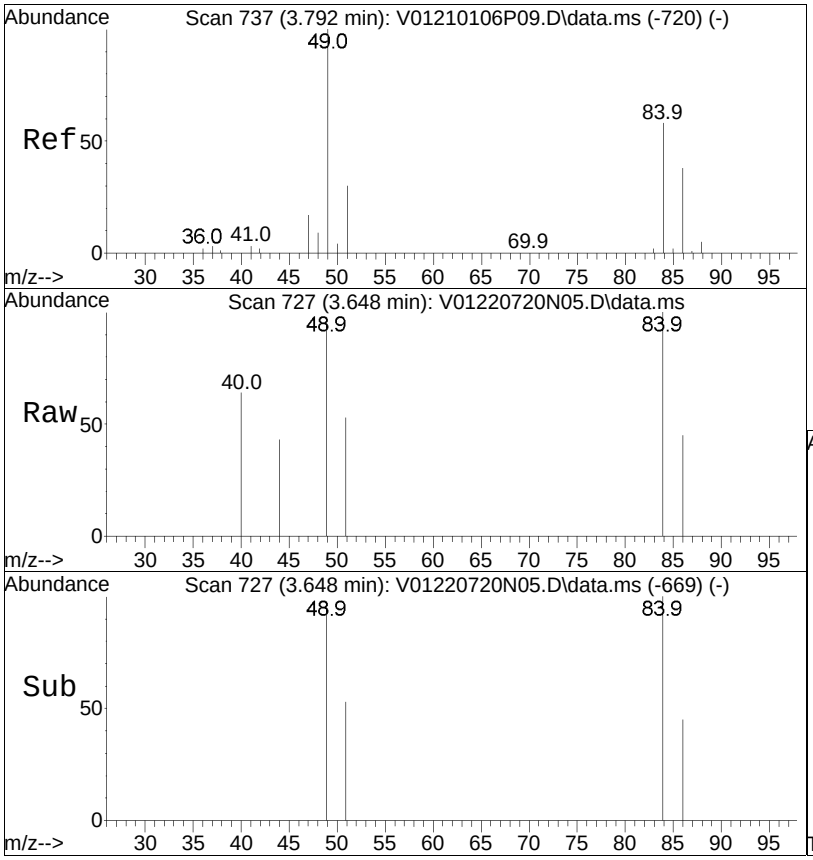


#5
Bromomethane
Concen: 0.63 ug/L
RT: 2.320 min Scan# 251
Delta R.T. 0.005 min
Lab File: V01220720N05.D
Acq: 20 Jul 2022 6:15 pm

Tgt Ion: 94 Resp: 1177

Ion	Ratio	Lower	Upper
94	100		
96	98.9	73.6	113.6

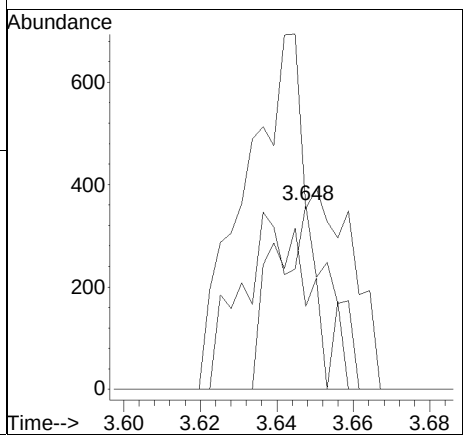


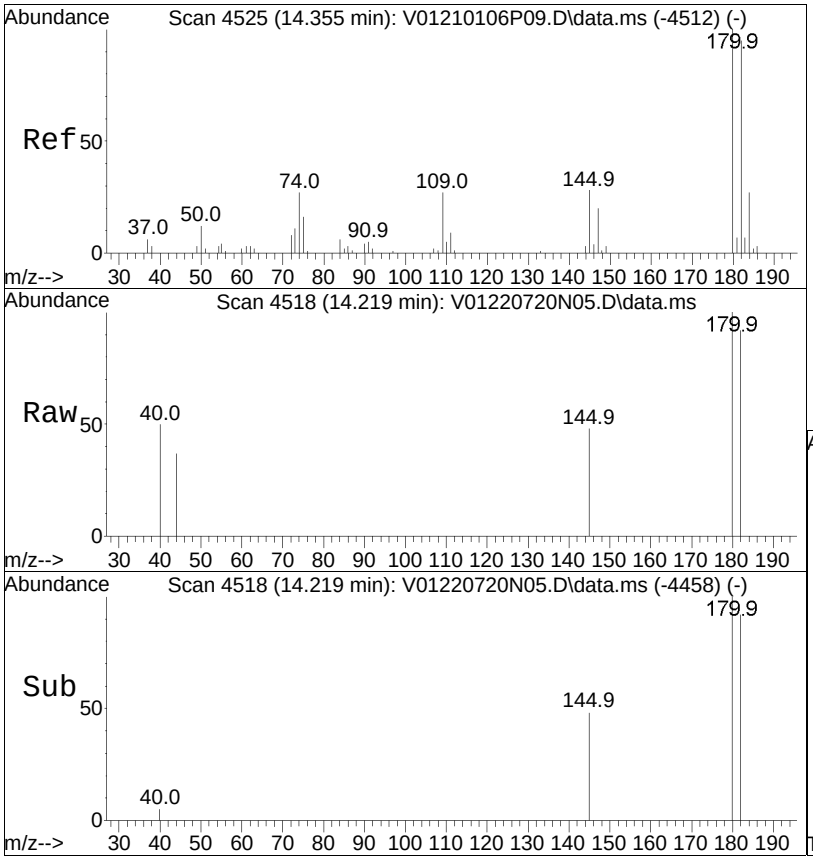


#15
Methylene chloride
Concen: 0.07 ug/L M3
RT: 3.648 min Scan# 727
Delta R.T. 0.012 min
Lab File: V01220720N05.D
Acq: 20 Jul 2022 6:15 pm

Tgt Ion: 84 Resp: 503

Ion	Ratio	Lower	Upper
84	100		
86	54.3	41.7	86.7
49	203.2	89.1	185.1#

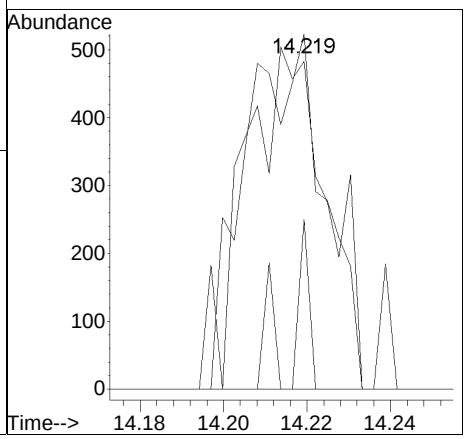


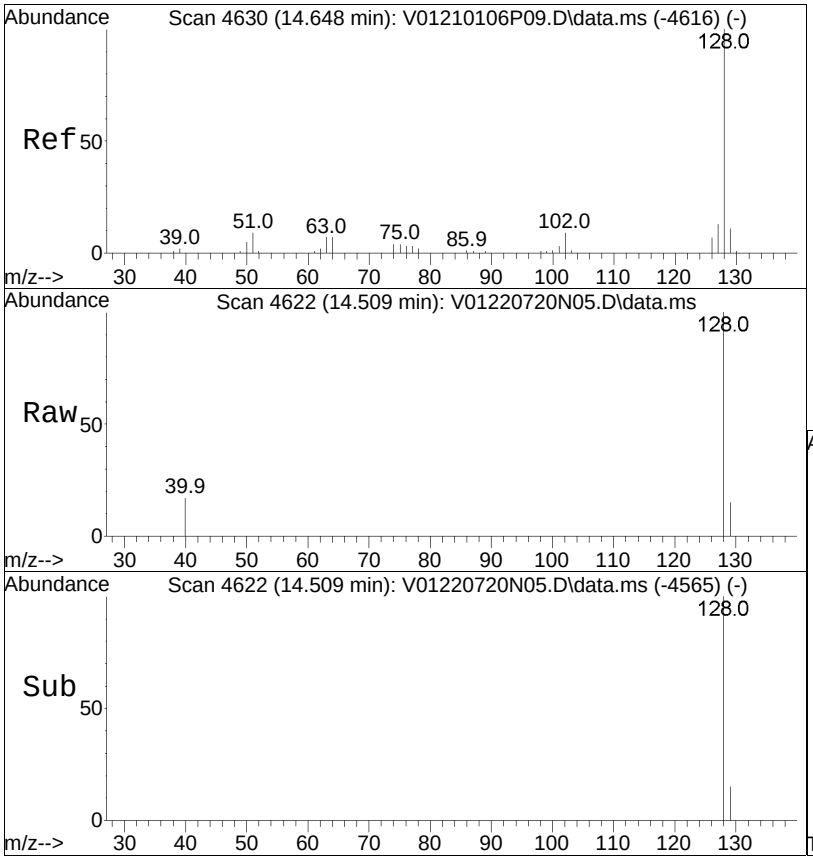


#109
1,2,4-Trichlorobenzene
Concen: 0.13 ug/L M1
RT: 14.219 min Scan# 4518
Delta R.T. 0.016 min
Lab File: V01220720N05.D
Acq: 20 Jul 2022 6:15 pm

Tgt Ion:180 Resp: 688

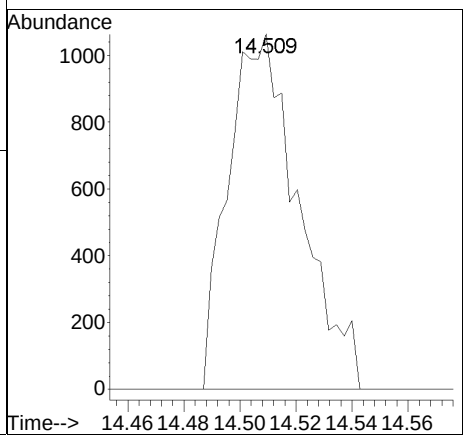
Ion	Ratio	Lower	Upper
180	100		
182	101.3	75.8	113.8
145	4.5	26.1	39.1#

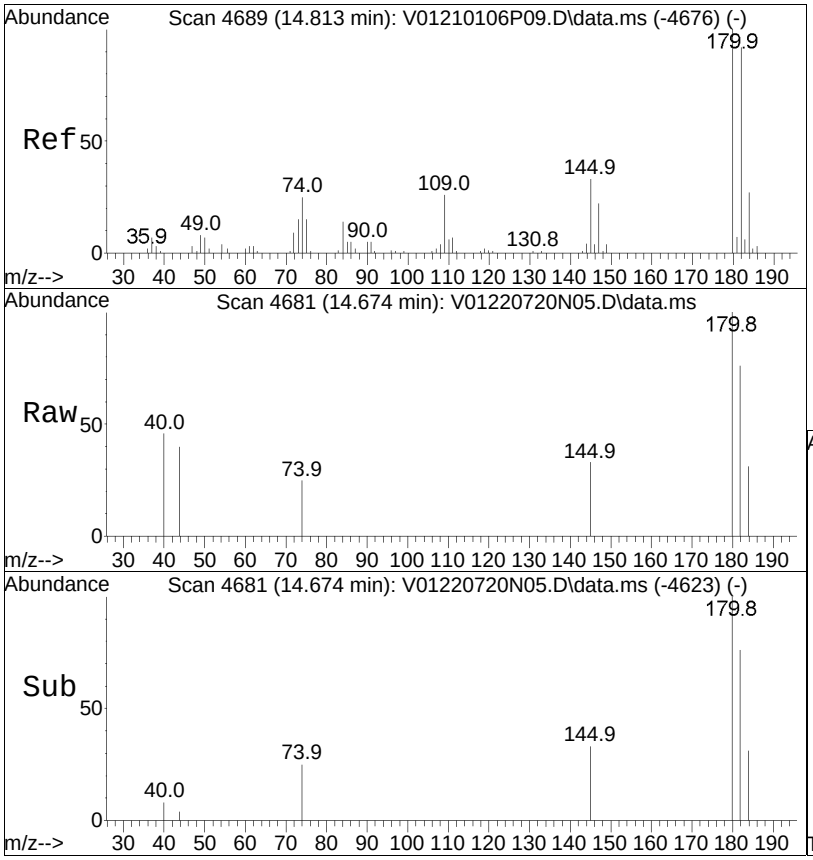




#110
Naphthalene
Concen: 0.24 ug/L
RT: 14.509 min Scan# 4622
Delta R.T. 0.011 min
Lab File: V01220720N05.D
Acq: 20 Jul 2022 6:15 pm

Tgt Ion:128 Resp: 1869

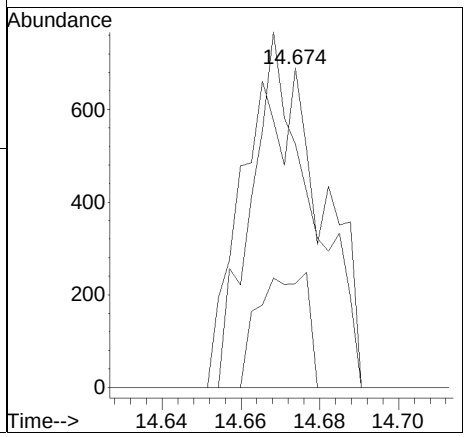




#111
1,2,3-Trichlorobenzene
Concen: 0.26 ug/L M1
RT: 14.674 min Scan# 4681
Delta R.T. 0.011 min
Lab File: V01220720N05.D
Acq: 20 Jul 2022 6:15 pm

Tgt Ion:180 Resp: 971

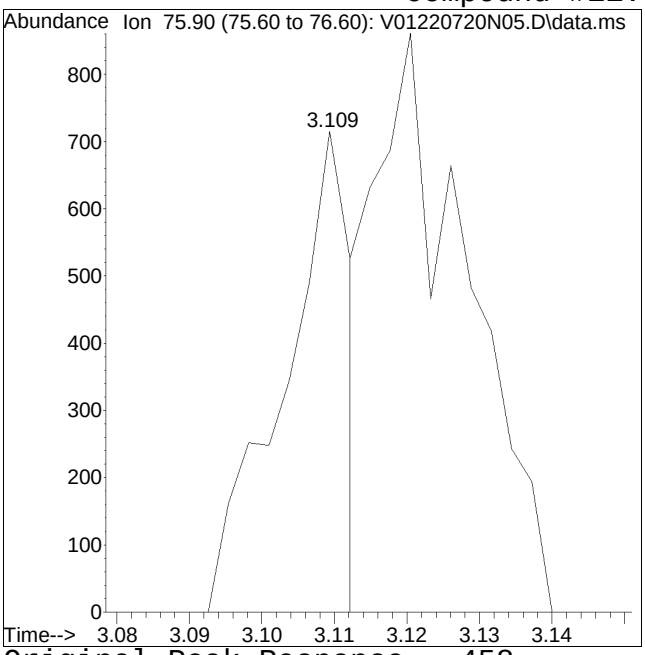
Ion	Ratio	Lower	Upper
180	100		
182	84.1	75.4	113.0
145	21.9	25.0	37.6#



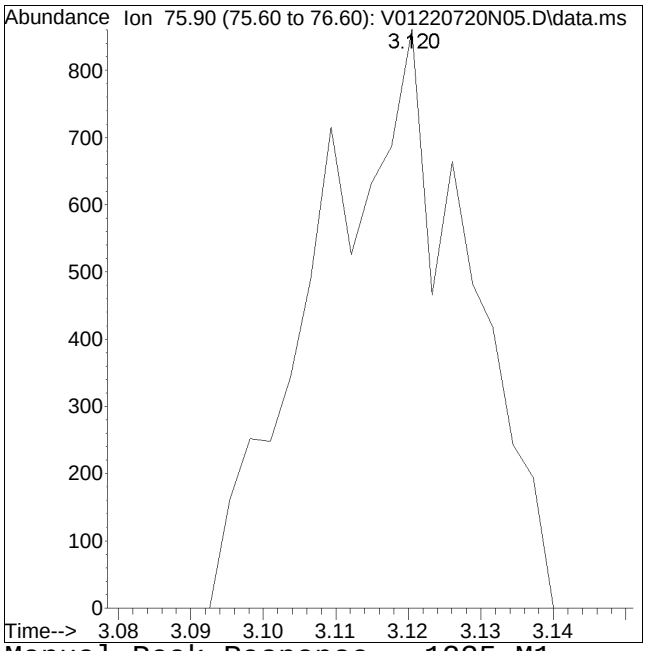
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2022\2QMethod : V101_220719N_8260.m
Data File : V01220720N05.D Operator : VOA101:TMS
Date Inj'd : 7/20/2022 6:15 pm Instrument : VOA 101
Sample : WG1665617-5,31,10,10 Quant Date : 7/20/2022 6:44 pm

Compound #11: Carbon disulfide



Original Peak Response = 458



Manual Peak Response = 1235 M1

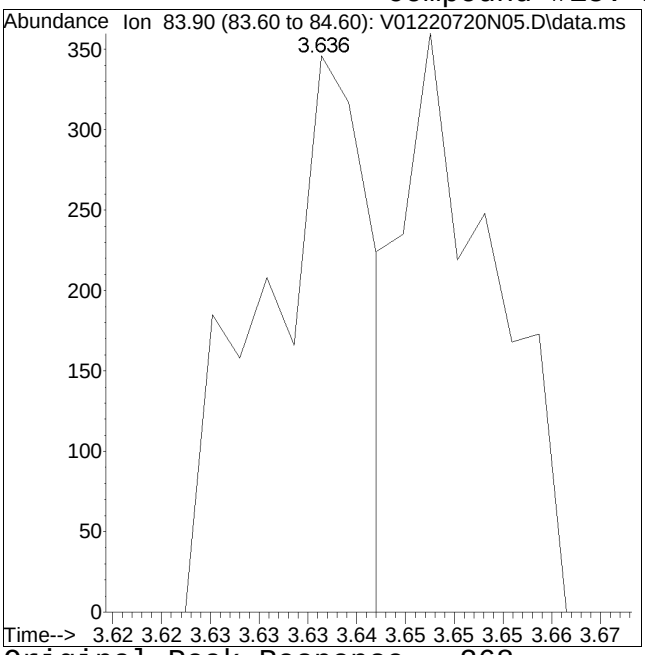
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

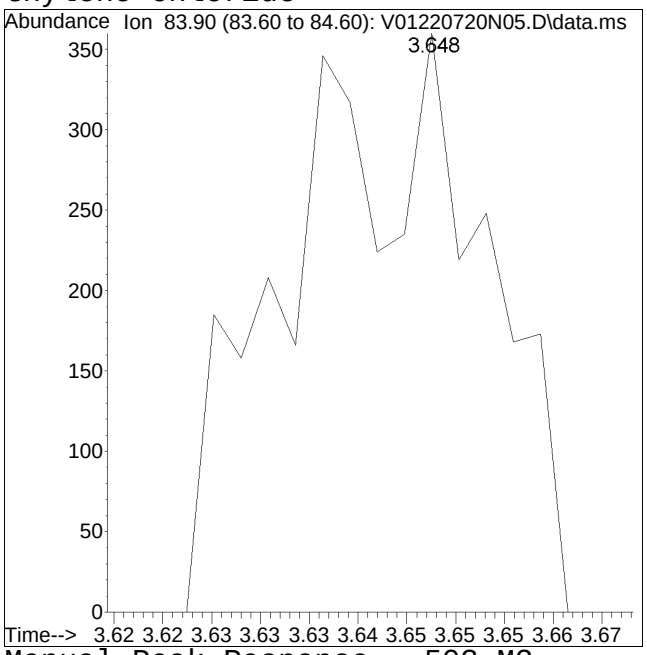
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2022\2Q
Data File : V01220720N05.D
Date Inj'd : 7/20/2022 6:15 pm
Sample : WG1665617-5,31,10,10

Method : V101_220719N_8260.m
Operator : VOA101:TMS
Instrument : VOA 101
Quant Date : 7/20/2022 6:44 pm

Compound #15: Methylene chloride





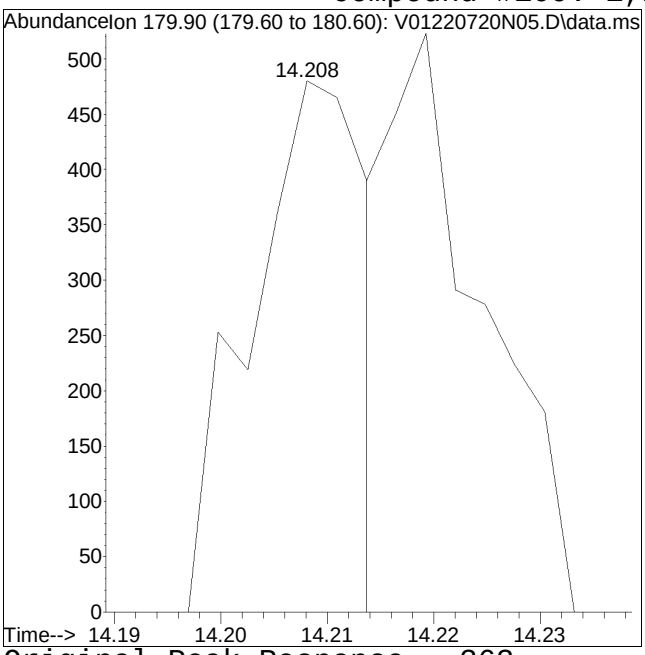
Original Peak Response = 268 Manual Peak Response = 503 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

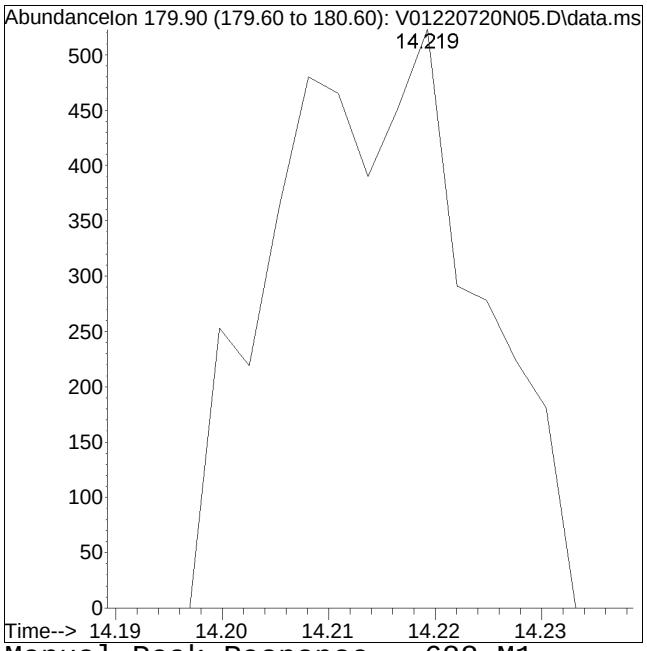
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2022\2QMethod : V101_220719N_8260.m
Data File : V01220720N05.D Operator : VOA101:TMS
Date Inj'd : 7/20/2022 6:15 pm Instrument : VOA 101
Sample : WG1665617-5,31,10,10 Quant Date : 7/20/2022 6:44 pm

Compound #109: 1,2,4-Trichlorobenzene



Original Peak Response = 363



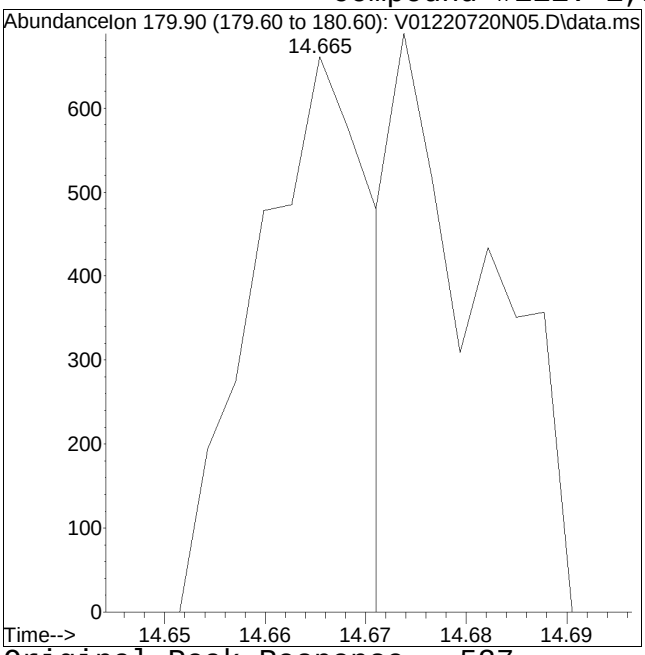
Manual Peak Response = 688 M1

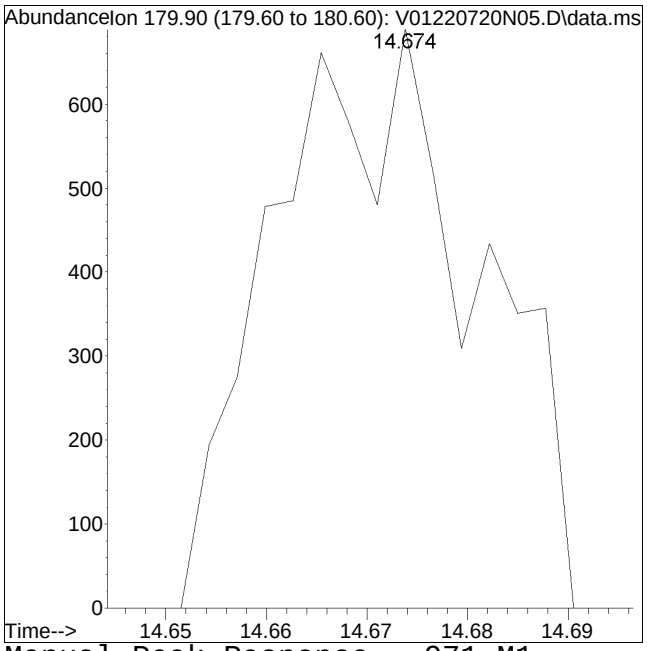
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2022\2QMethod : V101_220719N_8260.m
Data File : V01220720N05.D Operator : VOA101:TMS
Date Inj'd : 7/20/2022 6:15 pm Instrument : VOA 101
Sample : WG1665617-5,31,10,10 Quant Date : 7/20/2022 6:44 pm

Compound #111: 1,2,3-Trichlorobenzene





Original Peak Response = 527 Manual Peak Response = 971 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

LSC Area Percent Report

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N05.D
Acq On : 20 Jul 2022 6:15 pm
Operator : VOA101:TMS
Sample : WG1665617-5,31,10,10
Misc : WG1665617,ICAL19192
ALS Vial : 5 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V01220720N05.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.340	1312	1334	1363	rBV3	107667	252153	28.70%	5.802%
2	5.865	1504	1522	1557	rBV3	94503	217961	24.81%	5.015%
3	6.149	1604	1624	1664	rBV	300457	700697	79.75%	16.123%
4	7.844	2213	2232	2278	rBV	393965	878672	100.00%	20.218%
5	8.126	2309	2333	2359	rBV2	38857	110159	12.54%	2.535%
6	9.693	2876	2895	2930	rBV	334202	759411	86.43%	17.474%
7	11.102	3379	3400	3411	rBV5	52518	109759	12.49%	2.526%
8	11.168	3411	3424	3451	rVB2	284449	542594	61.75%	12.485%
9	12.365	3839	3853	3879	rBV	426890	707374	80.50%	16.277%
10	13.048	4079	4098	4118	rVB	37068	67176	7.65%	1.546%

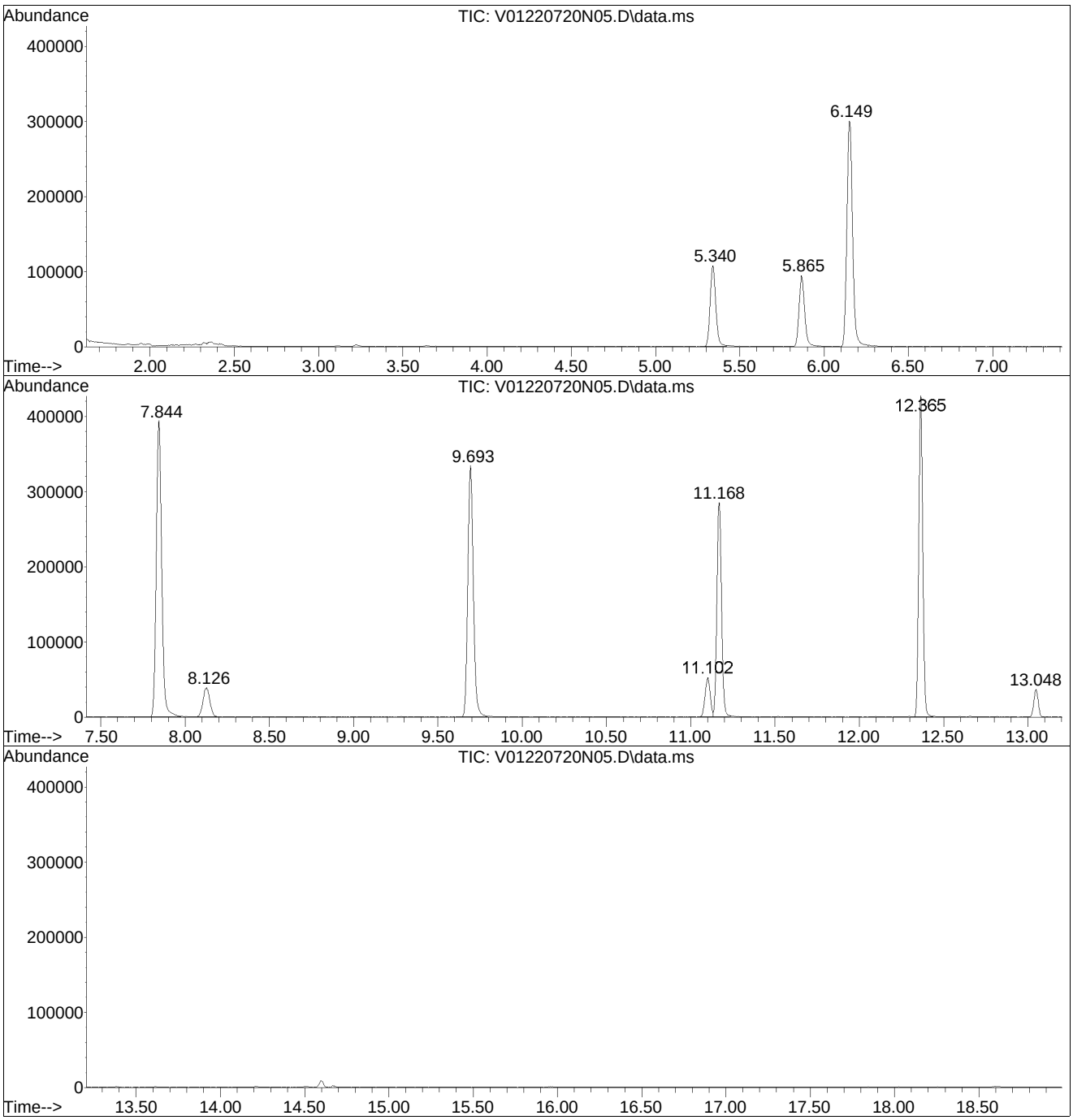
Sum of corrected areas: 4345956

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N05.D
Acq On : 20 Jul 2022 6:15 pm
Operator : VOA101:TMS
Sample : WG1665617-5,31,10,10
Misc : WG1665617,ICAL19192
ALS Vial : 5 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N05.D
Acq On : 20 Jul 2022 6:15 pm
Operator : VOA101:TMS
Sample : WG1665617-5,31,10,10
Misc : WG1665617,ICAL19192
ALS Vial : 5 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS

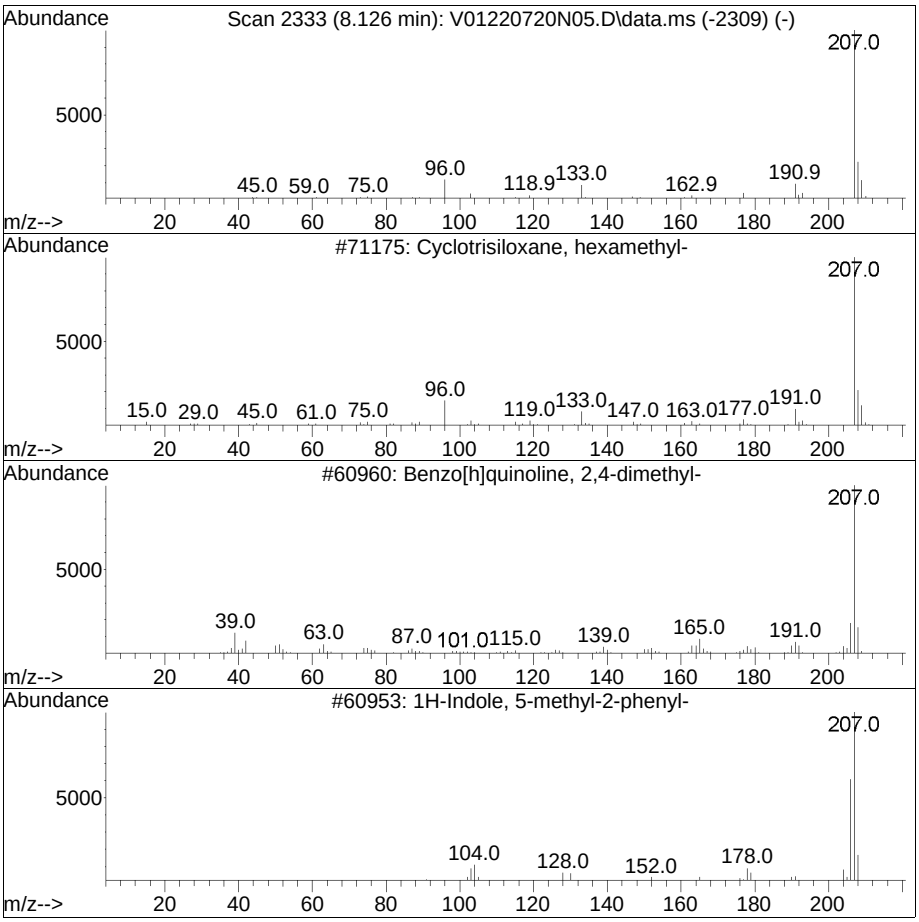
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

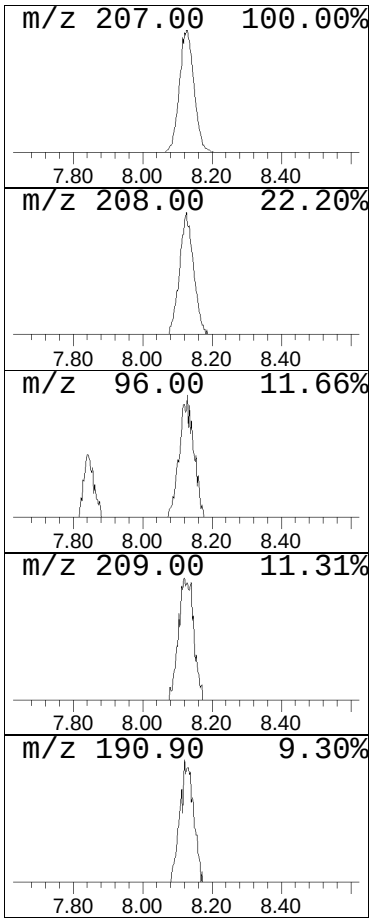
****

Peak Number 1 Cyclotrisiloxane, hexamethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.126	1.45 ug/L	110159	Chlorobenzene-d5	9.693

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	91
2	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	38
3	1H-Indole, 5-methyl-2-phenyl-	207	C15H13N	013228-36-9	38
4	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	38
5	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	38





Library Search Compound Report

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N05.D
Acq On : 20 Jul 2022 6:15 pm
Operator : VOA101:TMS
Sample : WG1665617-5,31,10,10
Misc : WG1665617,ICAL19192
ALS Vial : 5 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS

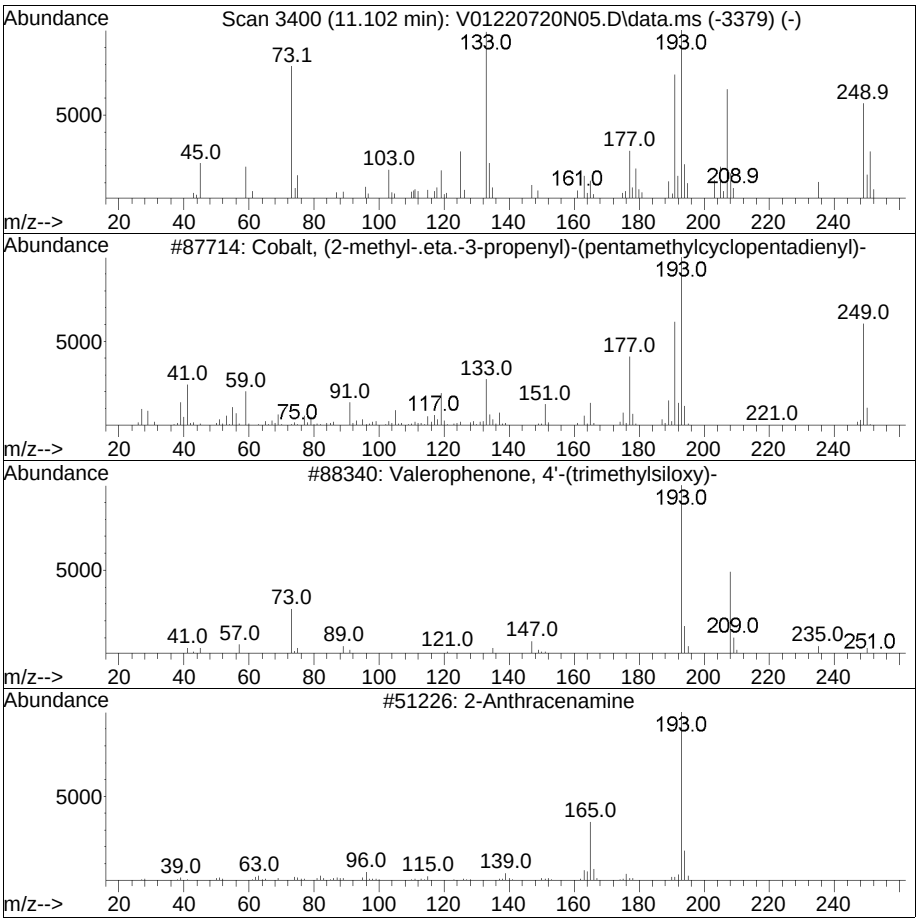
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

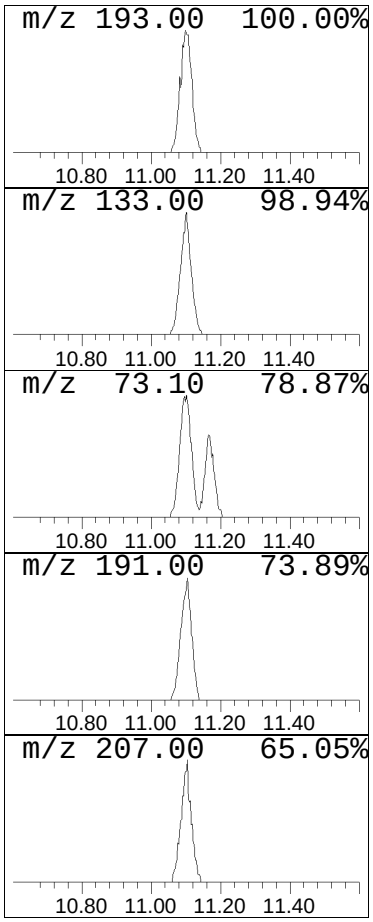
****

Peak Number 2 Unknown Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.102	1.55 ug/L	109759	1,4-Dichlorobenzene-d4	12.365

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cobalt, (2-methyl-.eta.-3-propen...	249	C14H22Co	1000157-04-3	60
2	Valerophenone, 4'-(trimethylsilo...	250	C14H22O2Si	033342-92-6	14
3	2-Anthracenamine	193	C14H11N	000613-13-8	11
4	[1,1'-Biphenyl]-4-acetonitrile	193	C14H11N	031603-77-7	11
5	6-Methylphenanthridine	193	C14H11N	003955-65-5	11





Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N05.D
Acq On : 20 Jul 2022 6:15 pm
Operator : VOA101:TMS
Sample : WG1665617-5,31,10,10
Misc : WG1665617,ICAL19192
ALS Vial : 5 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclotrisiloxan...	8.126	1.5	ug/L	110159	2	9.693	759411	10.0
Unknown	11.102	1.6	ug/L	109759	3	12.365	707374	10.0

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N01.D
Acq On : 20 Jul 2022 4:42 pm
Operator : VOA101:TMS
Sample : WG1665617-3,31,10,10
Misc : WG1665617,ICAL19192
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 20 17:23:10 2022
Quant Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 11:23:17 2022
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2022\220720N\V01220720N01.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.149	96	326687	10.000	ug/L	0.00
Standard Area 1 = 326687			Recovery = 100.00%			
59) Chlorobenzene-d5	9.690	117	256877	10.000	ug/L	0.00
Standard Area 1 = 256877			Recovery = 100.00%			
79) 1,4-Dichlorobenzene-d4	12.365	152	124607	10.000	ug/L	0.00
Standard Area 1 = 124607			Recovery = 100.00%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.335	113	82155	9.959	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.59%			
43) 1,2-Dichloroethane-d4	5.862	65	80233	10.061	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.61%			
60) Toluene-d8	7.842	98	329990	10.014	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.14%			
83) 4-Bromofluorobenzene	11.166	95	119576	10.098	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.98%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.726	85	86948	9.545	ug/L	99
3) Chloromethane	1.916	50	136342	9.345	ug/L	100
4) Vinyl chloride	1.997	62	104423	9.824	ug/L	99
5) Bromomethane	2.317	94	51406	12.245	ug/L	98
6) Chloroethane	2.437	64	60377	9.921	ug/L	97
7) Trichlorofluoromethane	2.579	101	120004	9.599	ug/L	99
8) Ethyl ether	2.881	74	25179	9.382	ug/L #	65
10) 1,1-Dichloroethene	3.081	96	66787	9.413	ug/L	80
11) Carbon disulfide	3.112	76	193969	10.031	ug/L	100
15) Methylene chloride	3.636	84	73234	9.973	ug/L #	72
17) Acetone	3.673	43	19194	11.715	ug/L	98
18) trans-1,2-Dichloroethene	3.792	96	73963	9.570	ug/L	85
20) Methyl tert-butyl ether	3.885	73	117542	9.573	ug/L #	87
23) 1,1-Dichloroethane	4.373	63	163679	9.632	ug/L	96
25) Acrylonitrile	4.426	53	13384	9.341	ug/L	94
27) Vinyl acetate	4.604	43	121995	9.371	ug/L #	93
28) cis-1,2-Dichloroethene	4.894	96	80961	9.812	ug/L	85
29) 2,2-Dichloropropane	4.997	77	107227	10.501	ug/L	85
30) Bromochloromethane	5.086	128	30549	10.468	ug/L #	74
32) Chloroform	5.156	83	130599	9.599	ug/L	94

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N01.D
Acq On : 20 Jul 2022 4:42 pm
Operator : VOA101:TMS
Sample : WG1665617-3,31,10,10
Misc : WG1665617,ICAL19192
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 20 17:23:10 2022
Quant Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 11:23:17 2022
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2022\220720N\V01220720N01.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
34) Carbon tetrachloride	5.298	117	107957	9.399	ug/L		97
37) 1,1,1-Trichloroethane	5.362	97	116767	9.662	ug/L		95
39) 2-Butanone	5.452	43	16533	9.387	ug/L	#	56
40) 1,1-Dichloropropene	5.482	75	105556	9.585	ug/L		99
41) Benzene	5.728	78	305628	9.676	ug/L	#	91
44) 1,2-Dichloroethane	5.934	62	83806	9.763	ug/L		97
48) Trichloroethene	6.325	95	78929	9.557	ug/L		99
50) Dibromomethane	6.771	93	29668	9.595	ug/L		97
51) 1,2-Dichloropropane	6.871	63	86144	9.655	ug/L		97
54) Bromodichloromethane	6.944	83	88221	9.663	ug/L		97
57) 1,4-Dioxane	7.142	88	13005	505.664	ug/L	#	72
58) cis-1,3-Dichloropropene	7.632	75	97008	9.292	ug/L	#	90
61) Toluene	7.900	92	195479	9.696	ug/L		99
62) 4-Methyl-2-pentanone	8.324	58	12901M1	8.770	ug/L		
63) Tetrachloroethene	8.355	166	84180	9.550	ug/L		99
65) trans-1,3-Dichloropropene	8.380	75	72106	9.287	ug/L		88
68) 1,1,2-Trichloroethane	8.569	83	36026	9.874	ug/L		98
69) Chlorodibromomethane	8.781	129	51766	9.320	ug/L		96
70) 1,3-Dichloropropane	8.890	76	75032	9.518	ug/L		100
71) 1,2-Dibromoethane	9.060	107	38808	9.758	ug/L		98
72) 2-Hexanone	9.339	43	23465	9.079	ug/L	#	94
73) Chlorobenzene	9.713	112	203685	9.651	ug/L		99
74) Ethylbenzene	9.746	91	373496	9.625	ug/L		100
75) 1,1,1,2-Tetrachloroethane	9.796	131	68836	9.713	ug/L		99
76) p/m Xylene	9.933	106	292926	19.781	ug/L		97
77) o Xylene	10.468	106	271865	19.542	ug/L		99
78) Styrene	10.533	104	414632	19.612	ug/L		99
80) Bromoform	10.558	173	25578	9.251	ug/L		98
82) Isopropylbenzene	10.845	105	363103	9.748	ug/L		98
84) Bromobenzene	11.277	156	75840	9.801	ug/L		99
85) n-Propylbenzene	11.316	91	422820	9.868	ug/L		99
87) 1,1,2,2-Tetrachloroethane	11.400	83	40800	9.603	ug/L		97
88) 4-Ethyltoluene	11.442	105	346540	9.894	ug/L		99
89) 2-Chlorotoluene	11.484	91	244557	9.648	ug/L		100
90) 1,3,5-Trimethylbenzene	11.537	105	282061	9.678	ug/L		100
91) 1,2,3-Trichloropropane	11.539	75	31741	8.732	ug/L		98
92) trans-1,4-Dichloro-2-b...	11.595	53	13353	8.851	ug/L	#	59
93) 4-Chlorotoluene	11.668	91	246975	9.807	ug/L		97
94) tert-Butylbenzene	11.877	119	237818	9.849	ug/L		99

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N01.D
Acq On : 20 Jul 2022 4:42 pm
Operator : VOA101:TMS
Sample : WG1665617-3,31,10,10
Misc : WG1665617,ICAL19192
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 20 17:23:10 2022
Quant Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 11:23:17 2022
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2022\220720N\V01220720N01.D
Sub List : 8260-Curve - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97)	1,2,4-Trimethylbenzene	11.955	105	274424	9.896	ug/L	99
98)	sec-Butylbenzene	12.064	105	334962	9.885	ug/L	98
99)	p-Isopropyltoluene	12.217	119	278540	9.953	ug/L	98
100)	1,3-Dichlorobenzene	12.287	146	141794	9.715	ug/L	100
101)	1,4-Dichlorobenzene	12.379	146	139242	9.546	ug/L	99
102)	p-Diethylbenzene	12.588	119	153599	9.878	ug/L	98
103)	n-Butylbenzene	12.644	91	223994	9.946	ug/L	99
104)	1,2-Dichlorobenzene	12.800	146	114986	9.376	ug/L	99
105)	1,2,4,5-Tetramethylben...	13.377	119	203012	9.757	ug/L	98
106)	1,2-Dibromo-3-chloropr...	13.578	155	4417	8.233	ug/L	94
108)	Hexachlorobutadiene	14.180	225	27268	9.765	ug/L	98
109)	1,2,4-Trichlorobenzene	14.202	180	51817	9.131	ug/L	98
110)	Naphthalene	14.501	128	70799	8.360	ug/L	100
111)	1,2,3-Trichlorobenzene	14.665	180	35170	8.654	ug/L	98

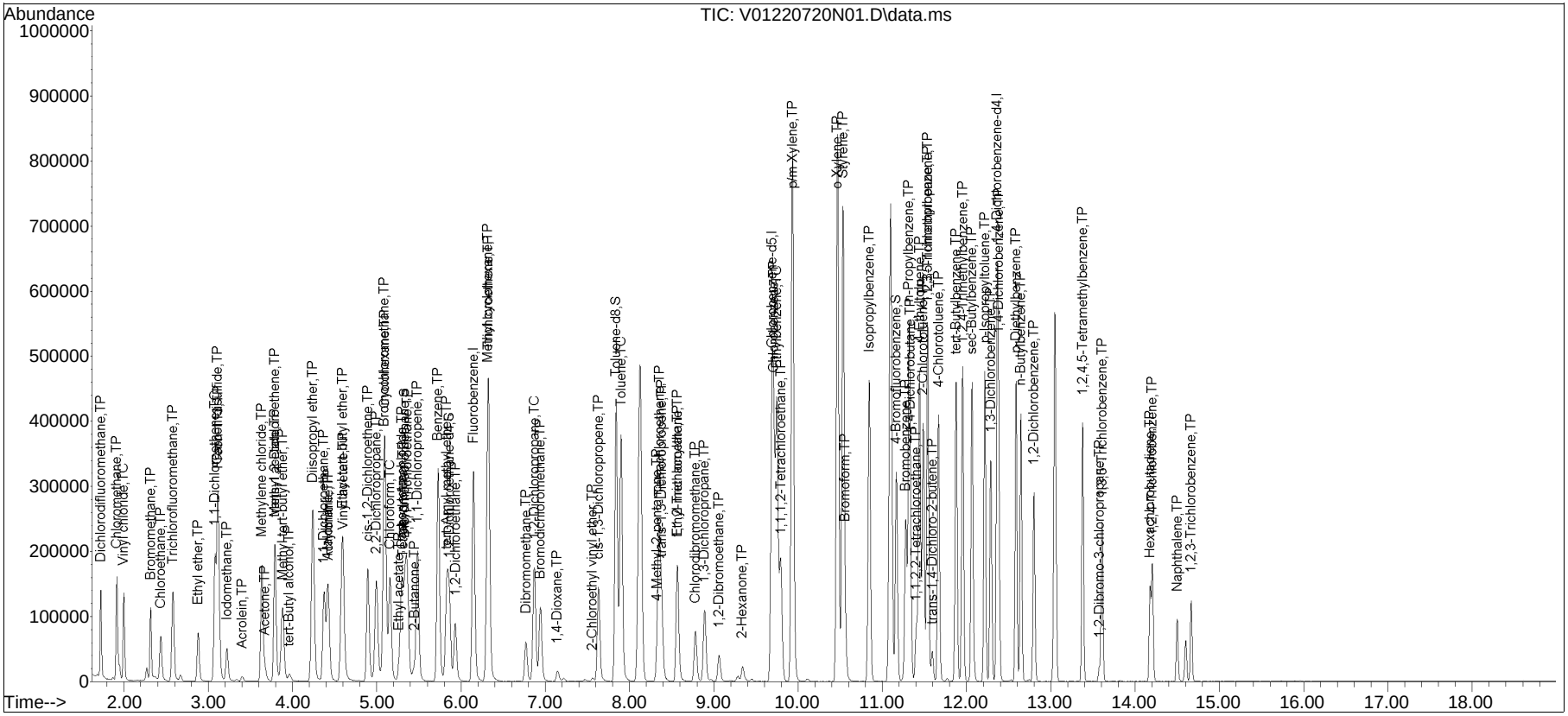
(#) = qualifier out of range (m) = manual integration (+) = signals summed

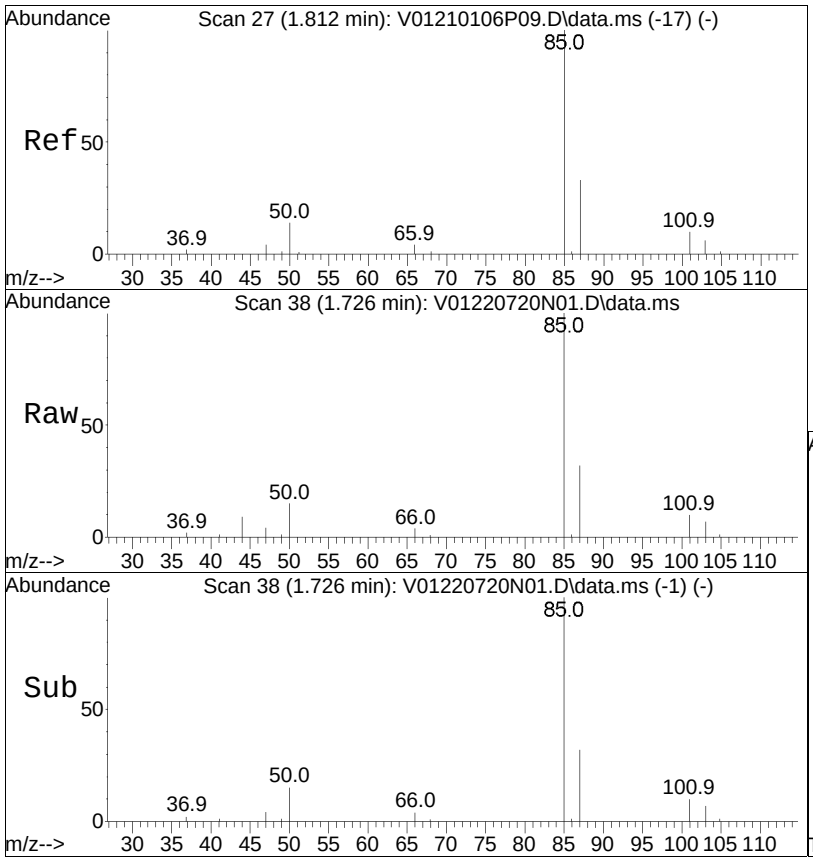
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N01.D
Acq On : 20 Jul 2022 4:42 pm
Operator : VOA101:TMS
Sample : WG1665617-3,31,10,10
Misc : WG1665617,ICAL19192
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 20 17:23:10 2022
Quant Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 11:23:17 2022
Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox20720N\V01220720N01.D•

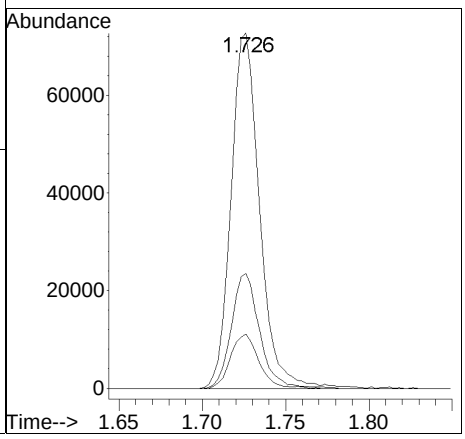


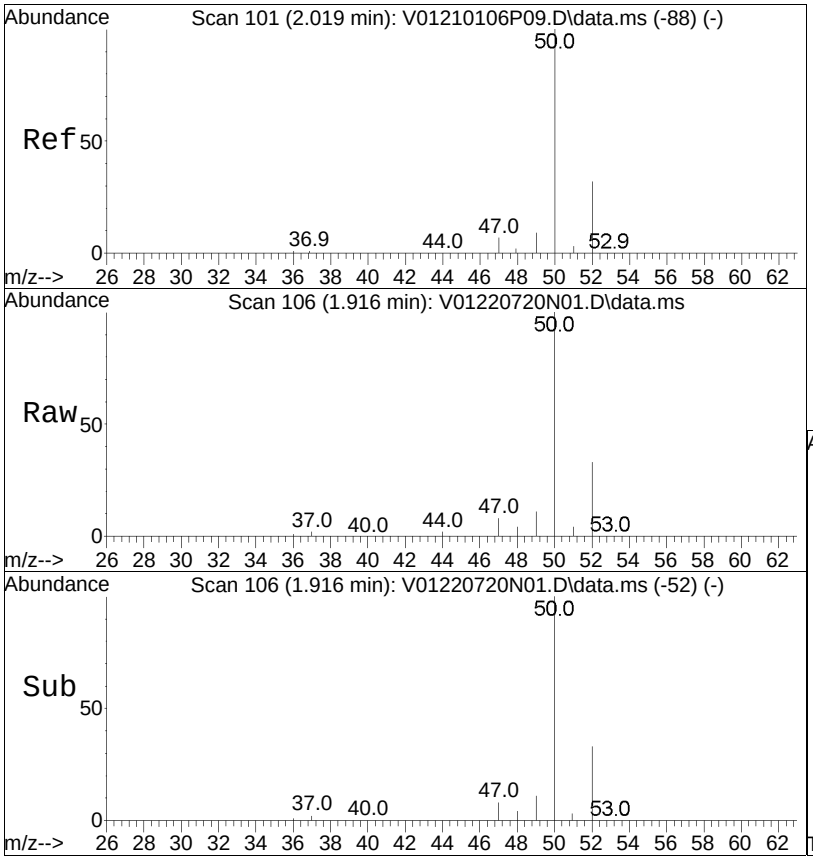


#2
Dichlorodifluoromethane
Concen: 9.54 ug/L
RT: 1.726 min Scan# 38
Delta R.T. 0.003 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion: 85 Resp: 86948

Ion	Ratio	Lower	Upper
85	100		
87	31.8	20.9	43.5
50	14.9	9.1	18.9

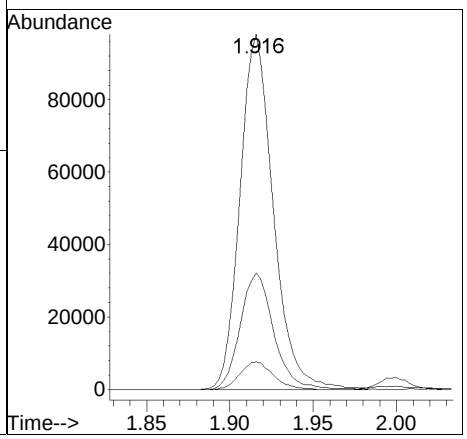


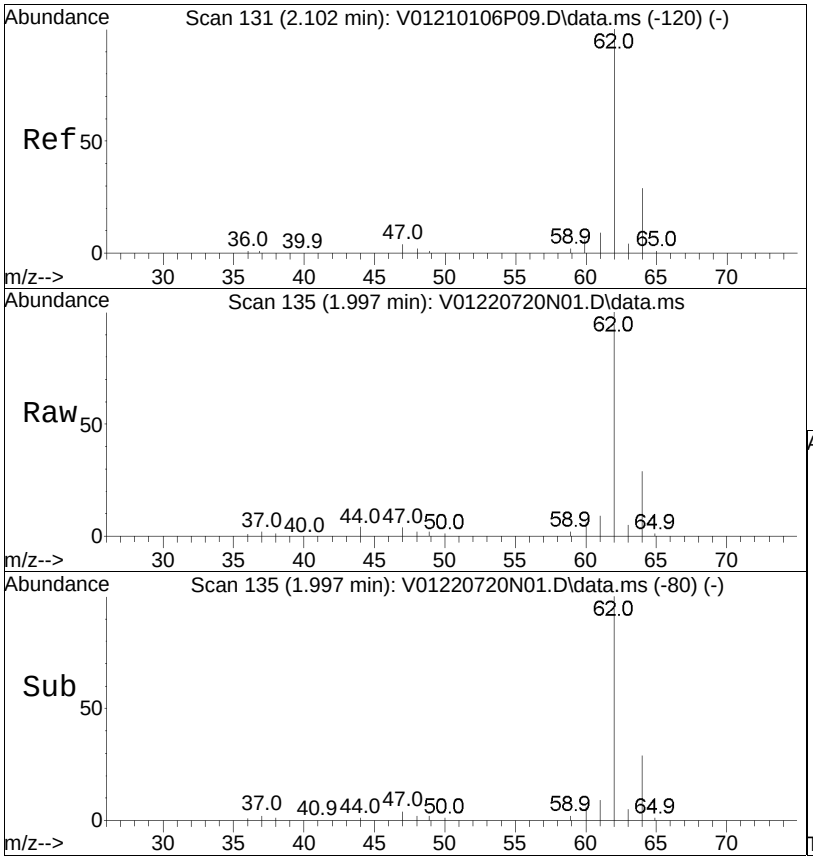


#3
Chloromethane
Concen: 9.34 ug/L
RT: 1.916 min Scan# 106
Delta R.T. 0.003 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion: 50 Resp: 136342

Ion	Ratio	Lower	Upper
50	100		
52	32.8	12.8	52.8
47	7.7	0.0	28.3

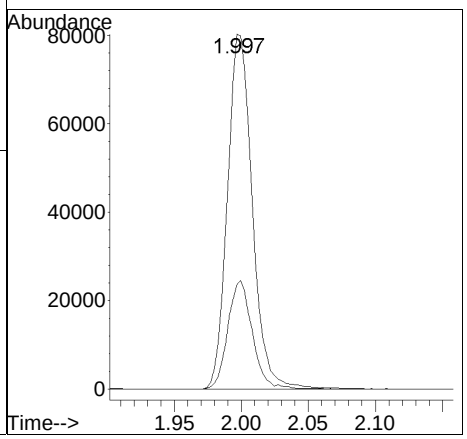


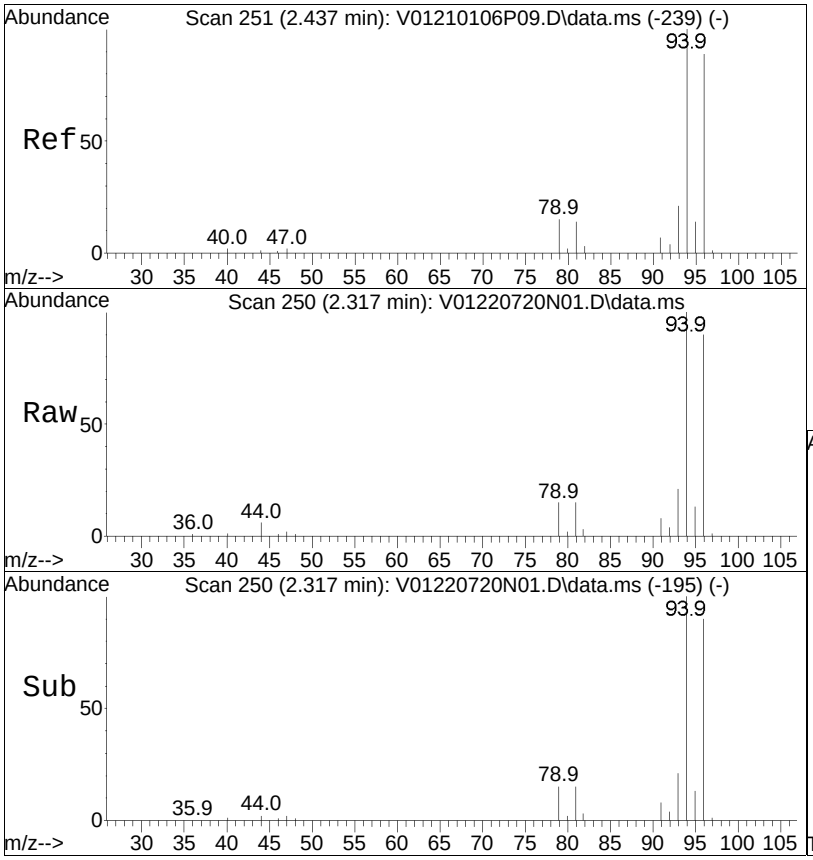


#4
Vinyl chloride
Concen: 9.82 ug/L
RT: 1.997 min Scan# 135
Delta R.T. 0.003 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion: 62 Resp: 104423

Ion	Ratio	Lower	Upper
62	100		
64	30.0	10.8	50.8

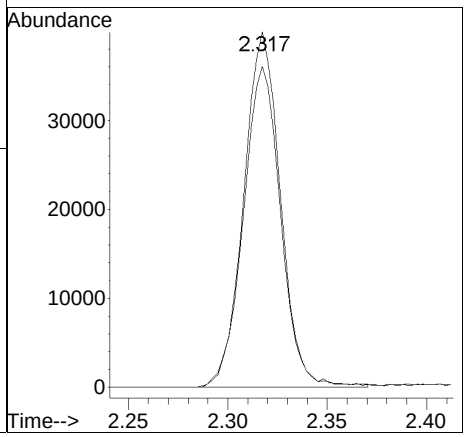


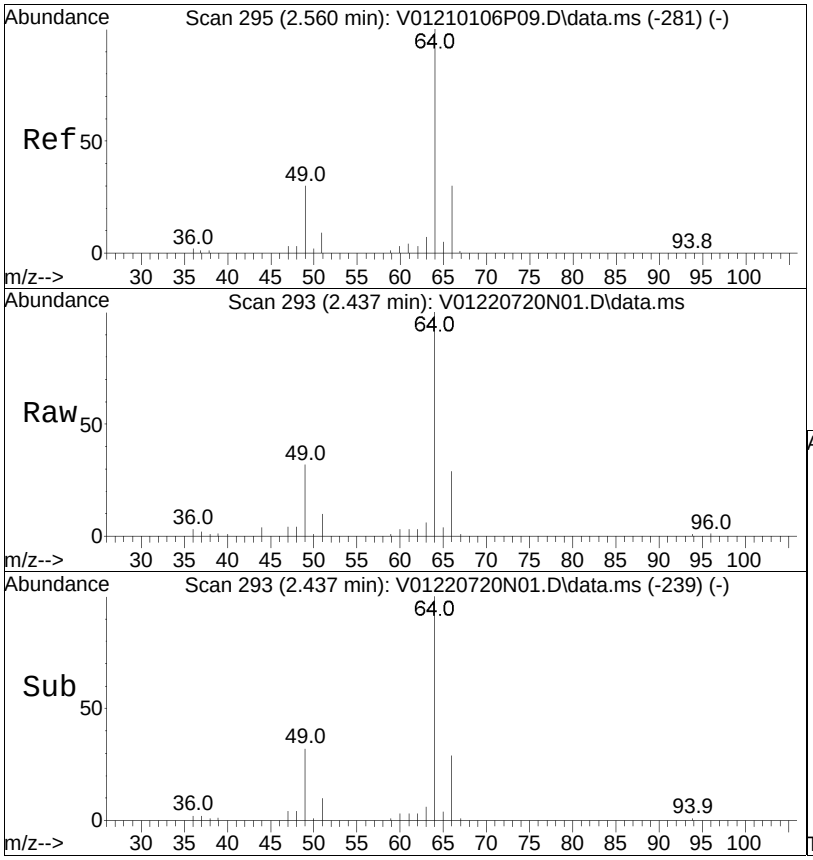


#5
Bromomethane
Concen: 12.25 ug/L
RT: 2.317 min Scan# 250
Delta R.T. 0.002 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion: 94 Resp: 51406

Ion	Ratio	Lower	Upper
94	100		
96	91.6	73.6	113.6

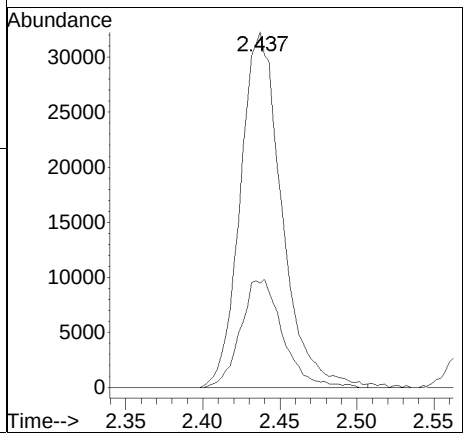


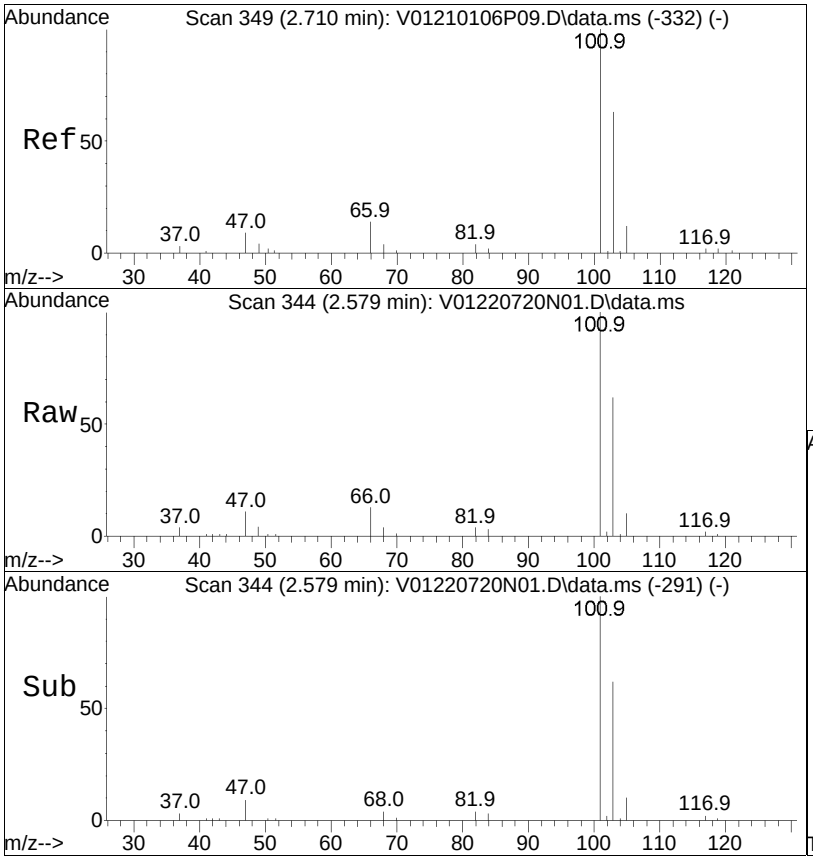


#6
Chloroethane
Concen: 9.92 ug/L
RT: 2.437 min Scan# 293
Delta R.T. 0.000 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion: 64 Resp: 60377

Ion	Ratio	Lower	Upper
64	100		
66	30.8	12.7	52.7

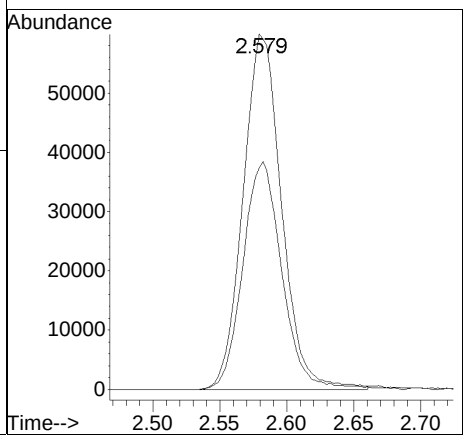


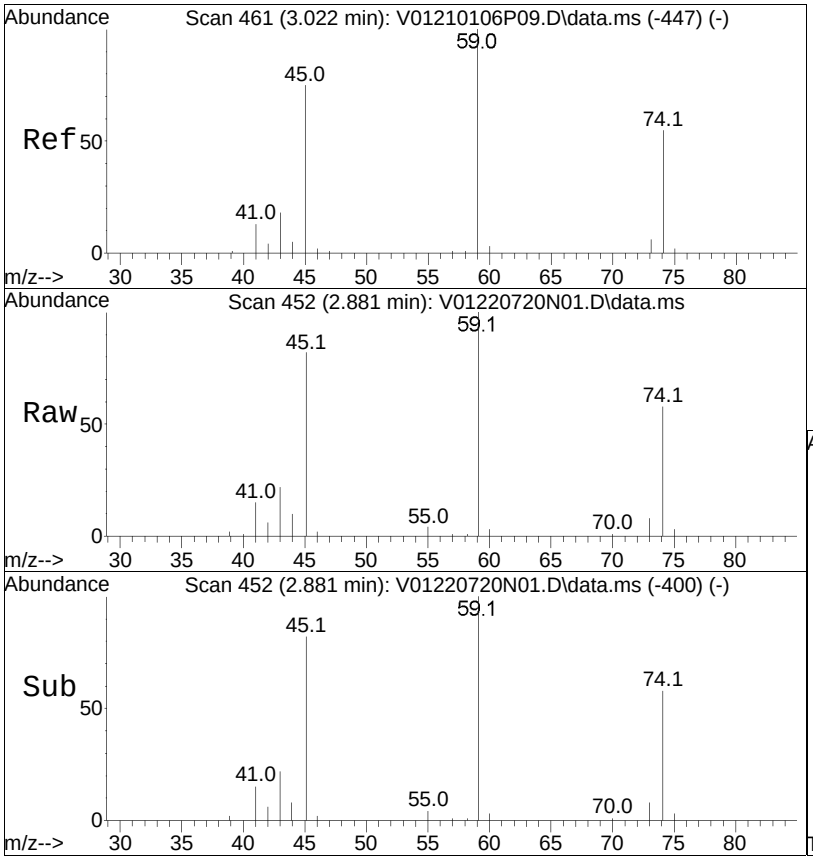


#7
Trichlorofluoromethane
Concen: 9.60 ug/L
RT: 2.579 min Scan# 344
Delta R.T. -0.003 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion:101 Resp: 120004

Ion	Ratio	Lower	Upper
101	100		
103	65.0	52.3	78.5

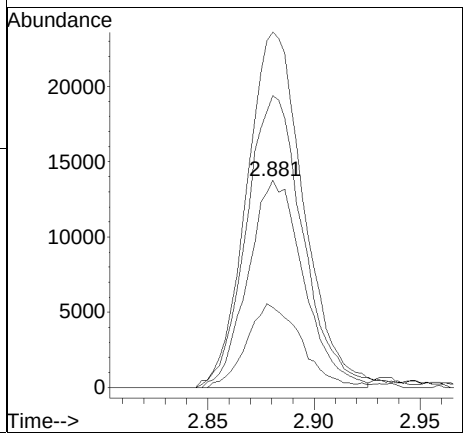


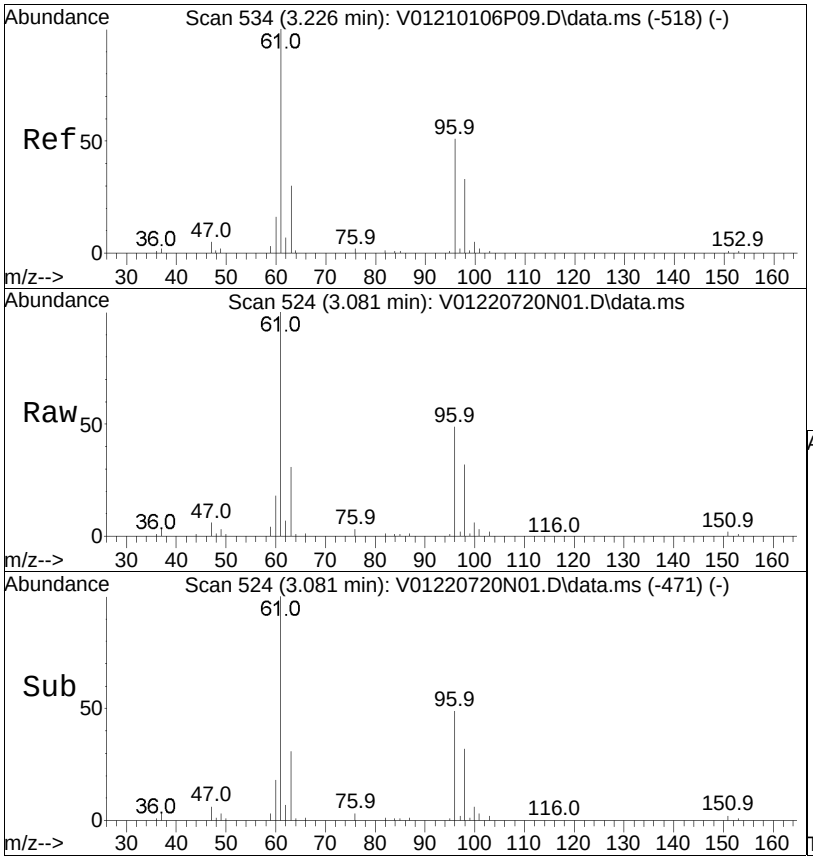


#8
Ethyl ether
Concen: 9.38 ug/L
RT: 2.881 min Scan# 452
Delta R.T. -0.005 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion: 74 Resp: 25179

Ion	Ratio	Lower	Upper
74	100		
59	175.1	88.1	182.9
45	144.4	66.1	137.3#
43	39.6	19.7	40.9

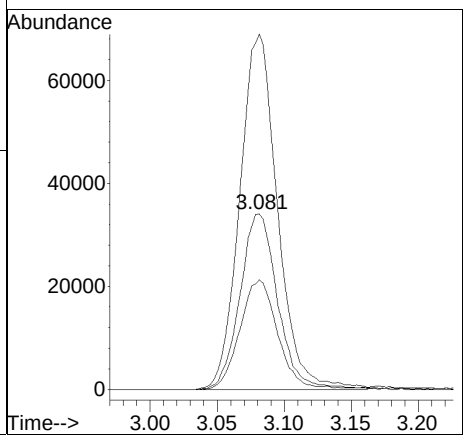


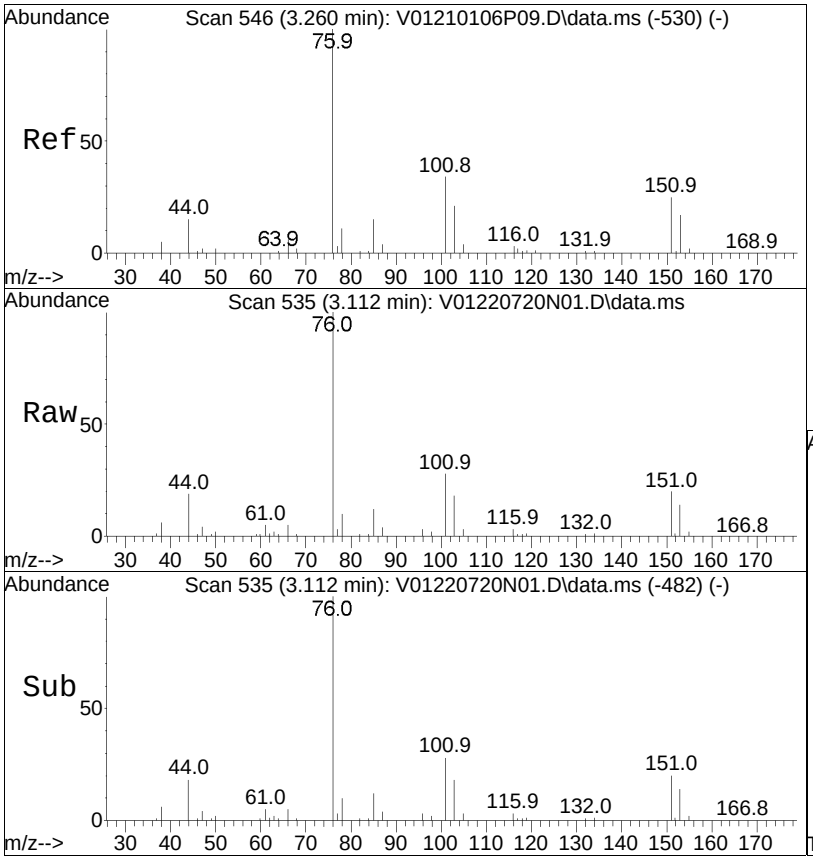


#10
1,1-Dichloroethene
Concen: 9.41 ug/L
RT: 3.081 min Scan# 524
Delta R.T. -0.003 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion: 96 Resp: 66787

Ion	Ratio	Lower	Upper
96	100		
61	202.6	136.8	205.2
63	61.8	43.6	65.4

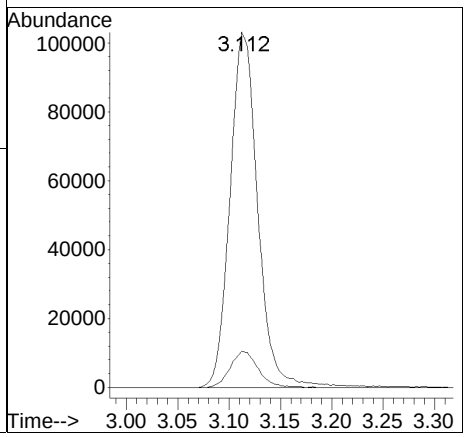


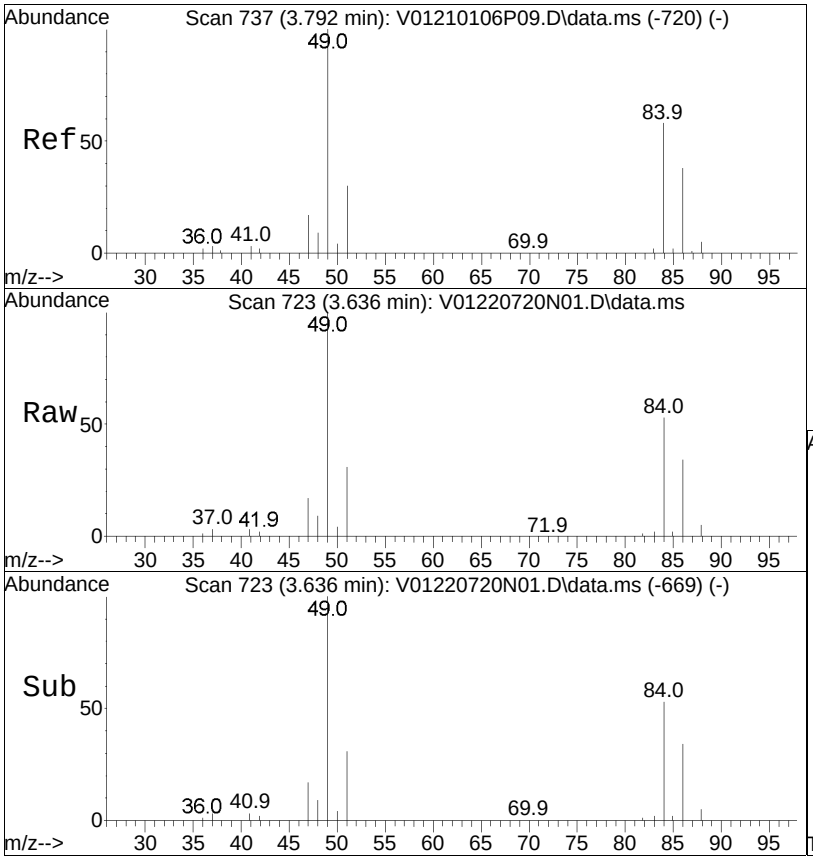


#11
Carbon disulfide
Concen: 10.03 ug/L
RT: 3.112 min Scan# 535
Delta R.T. -0.003 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion: 76 Resp: 193969

Ion	Ratio	Lower	Upper
76	100		
78	10.2	6.6	13.8

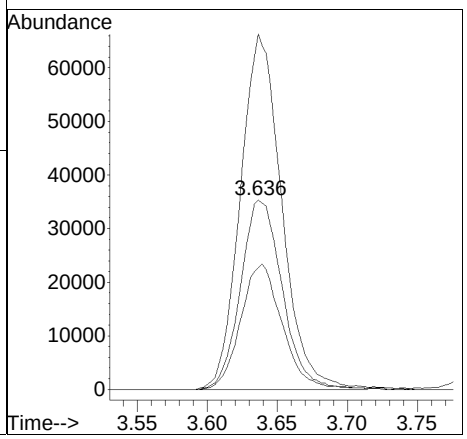


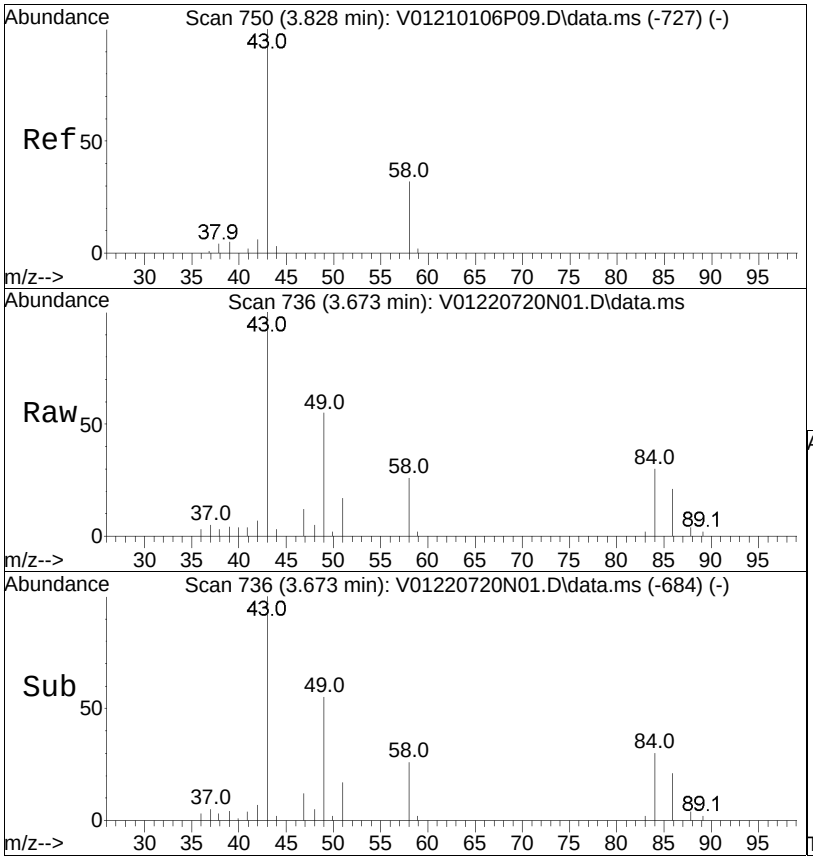


#15
Methylene chloride
Concen: 9.97 ug/L
RT: 3.636 min Scan# 723
Delta R.T. 0.000 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion: 84 Resp: 73234

Ion	Ratio	Lower	Upper
84	100		
86	66.1	41.7	86.7
49	186.1	89.1	185.1#

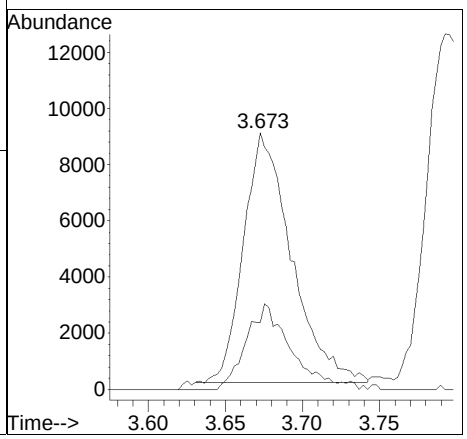


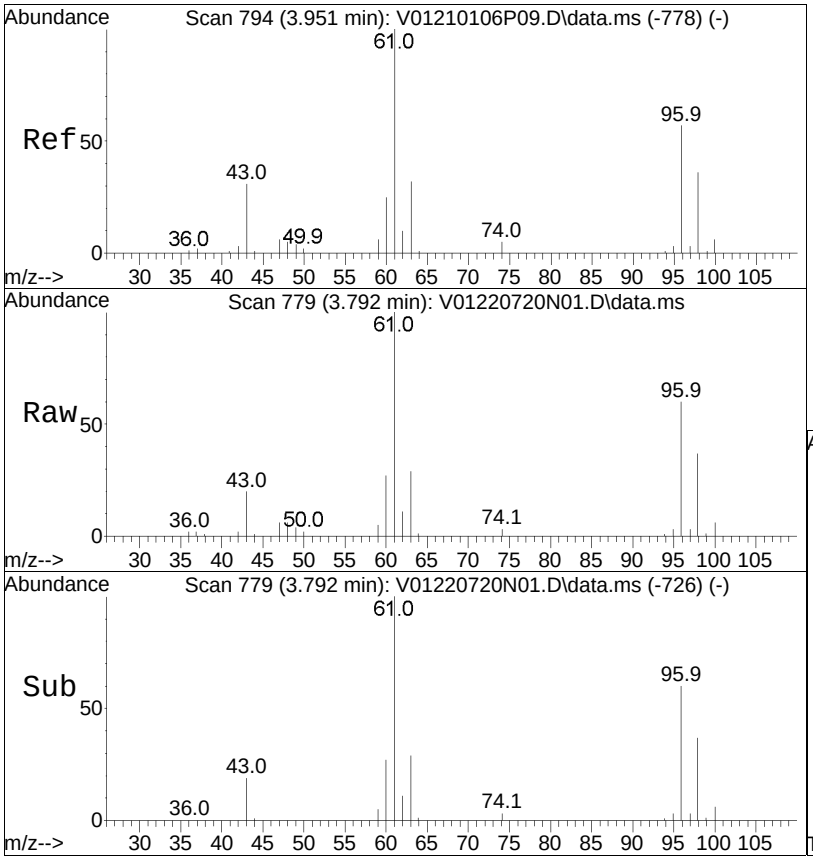


#17
Acetone
Concen: 11.72 ug/L
RT: 3.673 min Scan# 736
Delta R.T. -0.005 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion: 43 Resp: 19194

Ion	Ratio	Lower	Upper
43	100		
58	31.2	25.9	38.9

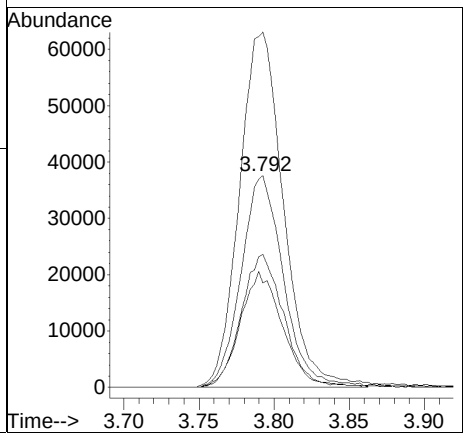


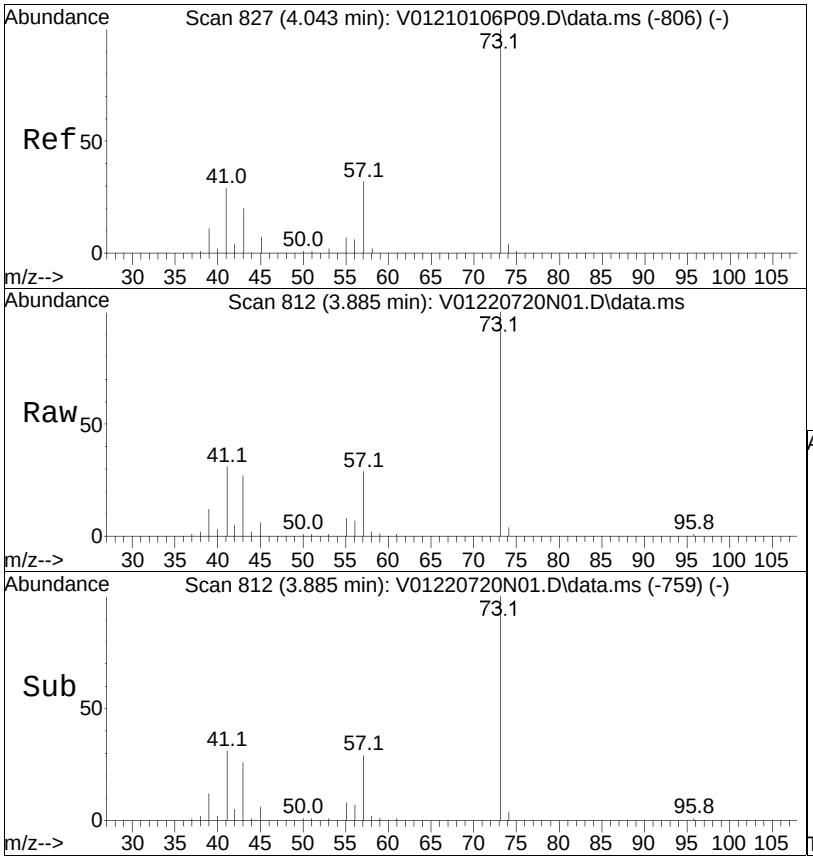


#18
trans-1,2-Dichloroethene
Concen: 9.57 ug/L
RT: 3.792 min Scan# 779
Delta R.T. -0.003 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion: 96 Resp: 73963

Ion	Ratio	Lower	Upper
96	100		
61	174.4	95.3	197.9
98	63.1	41.0	85.2
63	54.7	30.2	62.6

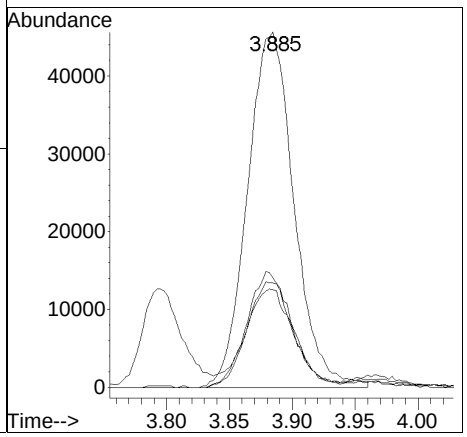


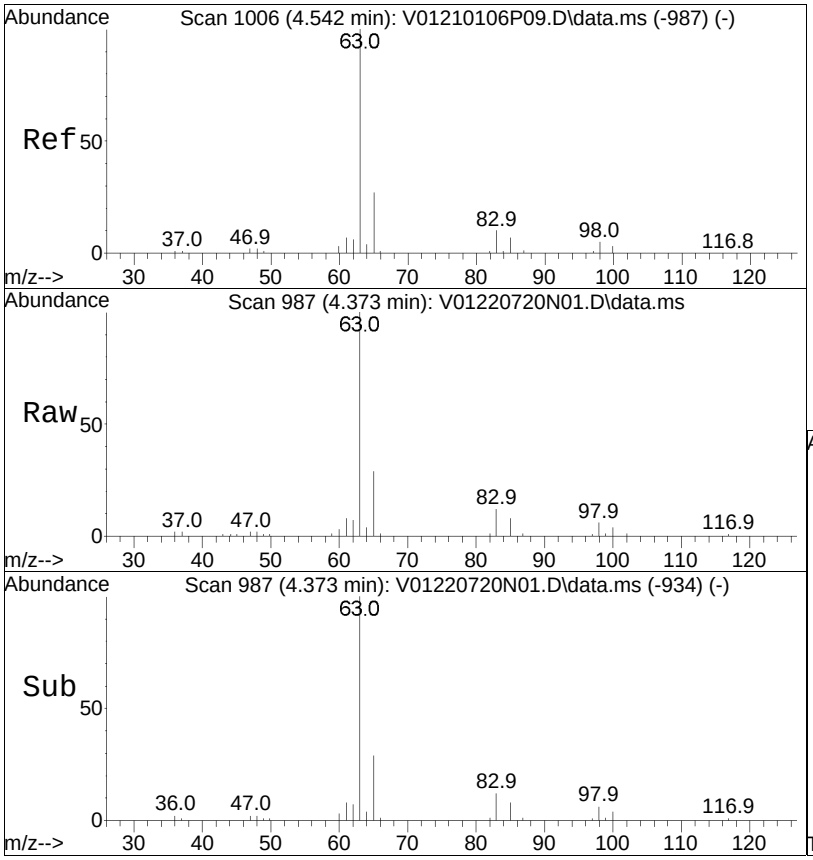


#20
Methyl tert-butyl ether
Concen: 9.57 ug/L
RT: 3.885 min Scan# 812
Delta R.T. -0.002 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion: 73 Resp: 117542

Ion	Ratio	Lower	Upper
73	100		
57	29.5	14.8	30.6
43	26.3	15.5	32.3
41	32.0	14.1	29.3#

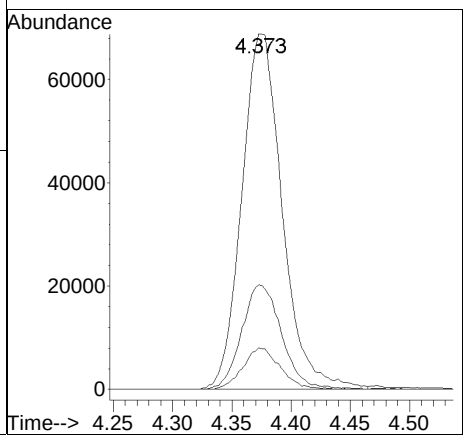


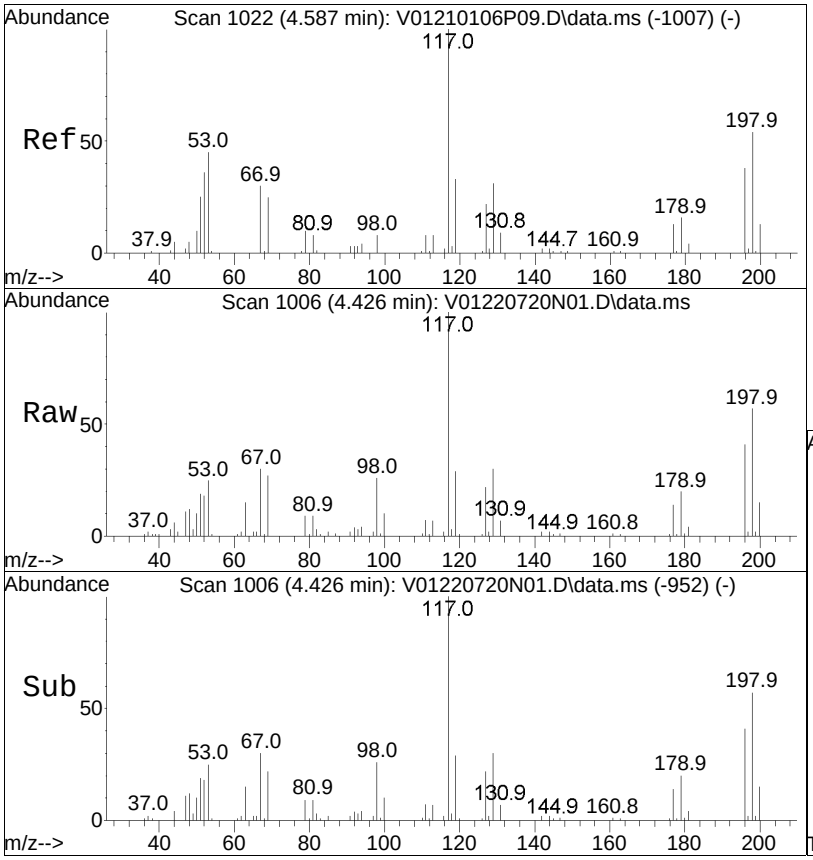


#23
1,1-Dichloroethane
Concen: 9.63 ug/L
RT: 4.373 min Scan# 987
Delta R.T. -0.002 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion: 63 Resp: 163679

Ion	Ratio	Lower	Upper
63	100		
65	29.0	10.9	50.9
83	10.8	0.0	33.0

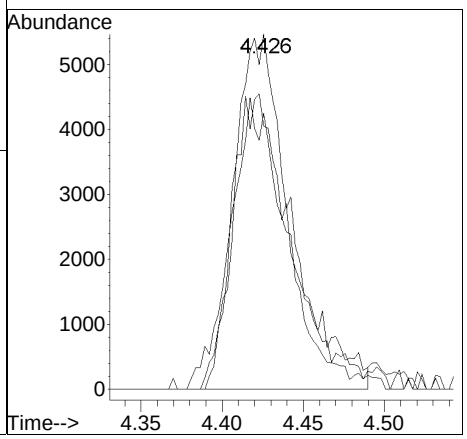


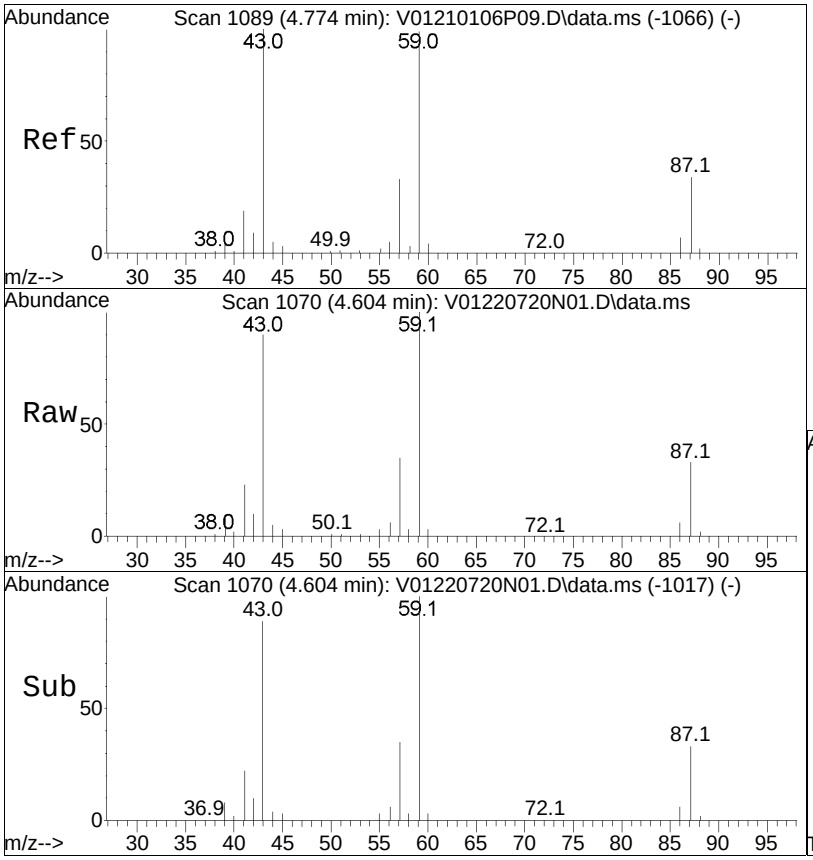


#25
Acrylonitrile
Concen: 9.34 ug/L
RT: 4.426 min Scan# 1006
Delta R.T. -0.000 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion: 53 Resp: 13384

Ion	Ratio	Lower	Upper
53	100		
52	84.0	69.1	103.7
51	80.4	58.3	87.5

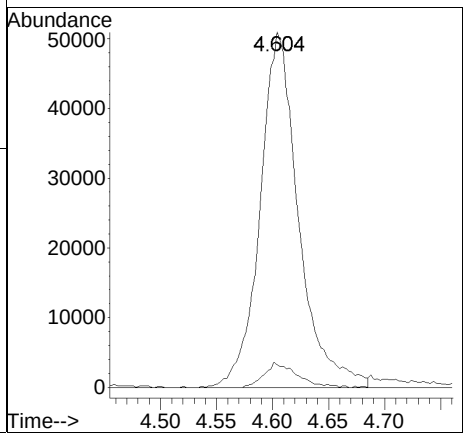


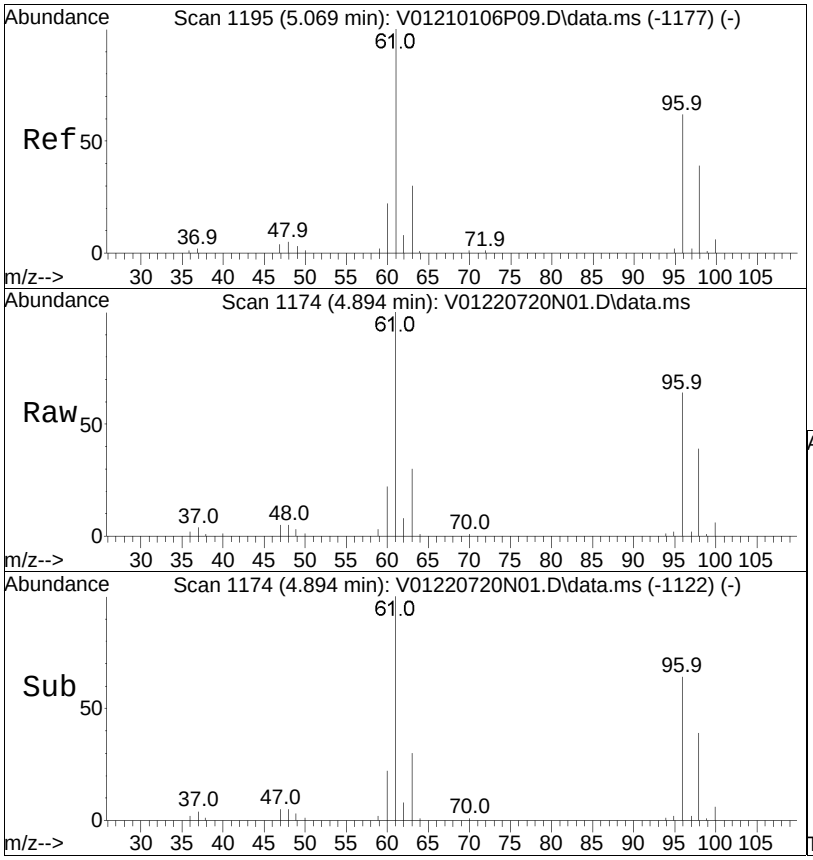


#27
Vinyl acetate
Concen: 9.37 ug/L
RT: 4.604 min Scan# 1070
Delta R.T. -0.003 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion: 43 Resp: 121995

Ion	Ratio	Lower	Upper
43	100		
86	5.7	6.6	9.8#

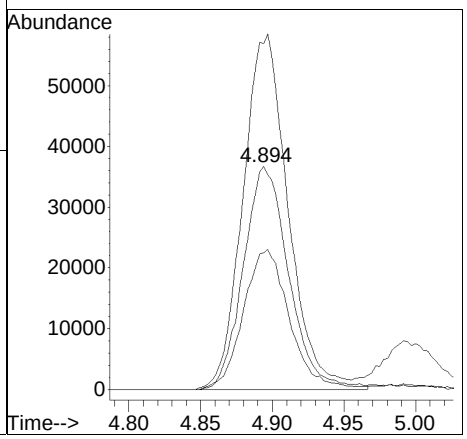


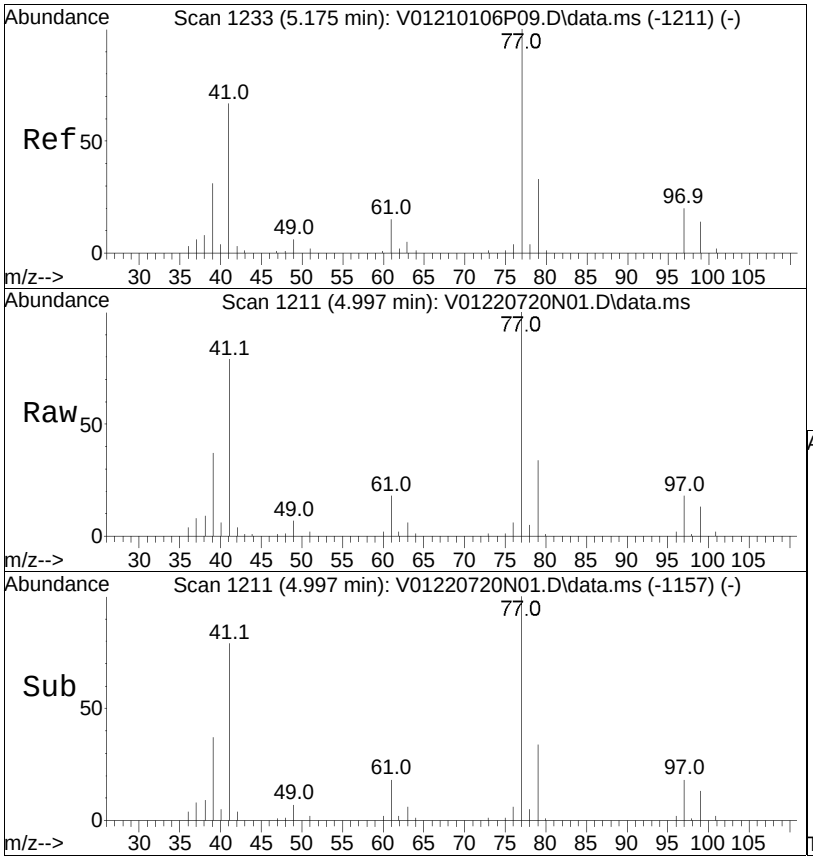


#28
cis-1,2-Dichloroethene
Concen: 9.81 ug/L
RT: 4.894 min Scan# 1174
Delta R.T. -0.006 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion: 96 Resp: 80961

Ion	Ratio	Lower	Upper
96	100		
61	157.7	105.8	158.6
98	63.3	51.1	76.7

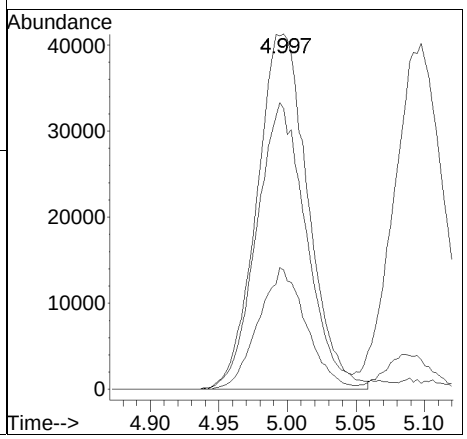


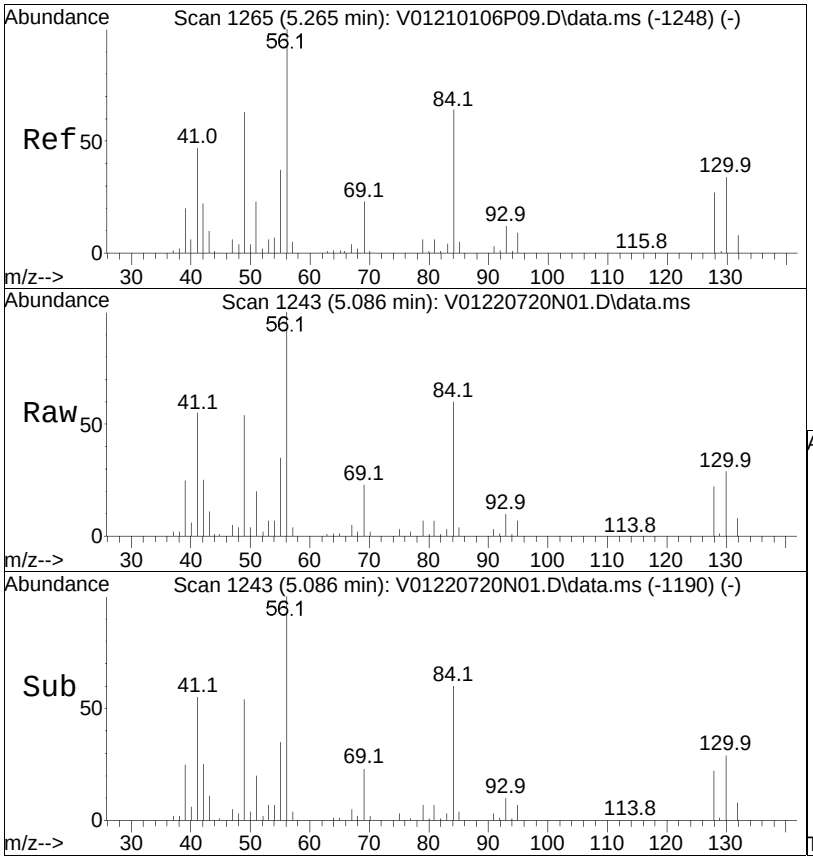


#29
2,2-Dichloropropane
Concen: 10.50 ug/L
RT: 4.997 min Scan# 1211
Delta R.T. 0.000 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion: 77 Resp: 107227

Ion	Ratio	Lower	Upper
77	100		
41	78.3	39.6	82.3
79	32.1	20.9	43.3

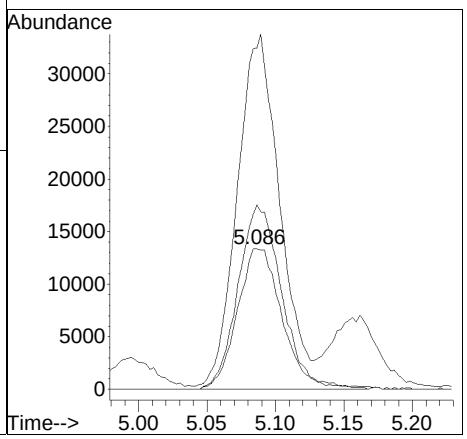


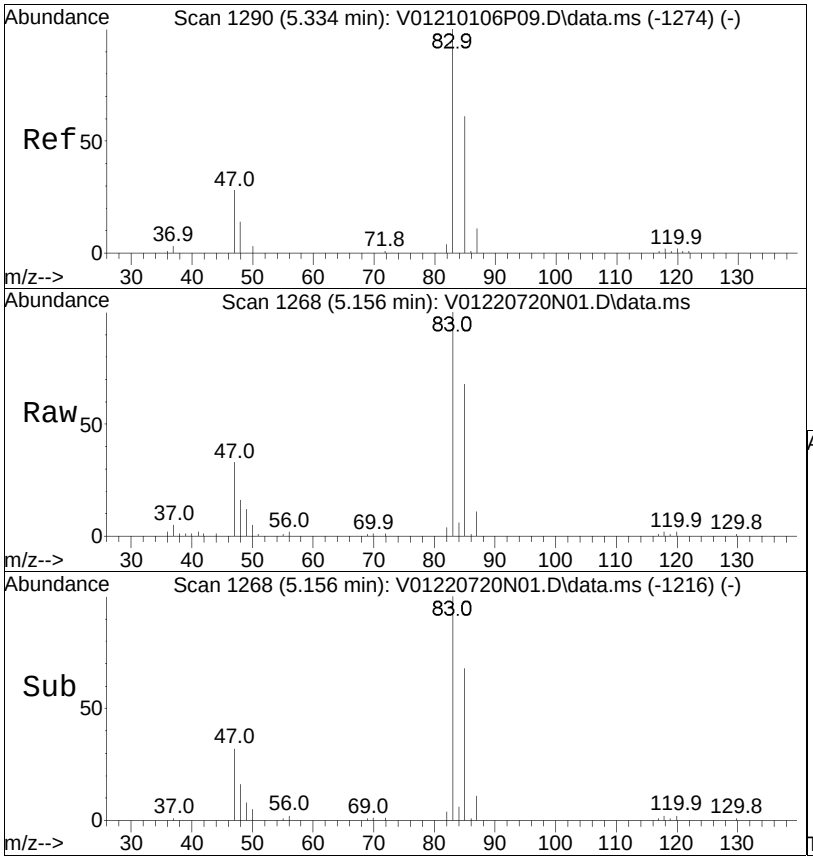


#30
Bromochloromethane
Concen: 10.47 ug/L
RT: 5.086 min Scan# 1243
Delta R.T. -0.003 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion:128 Resp: 30549

Ion	Ratio	Lower	Upper
128	100		
49	236.7	140.4	210.6#
130	128.1	103.1	154.7

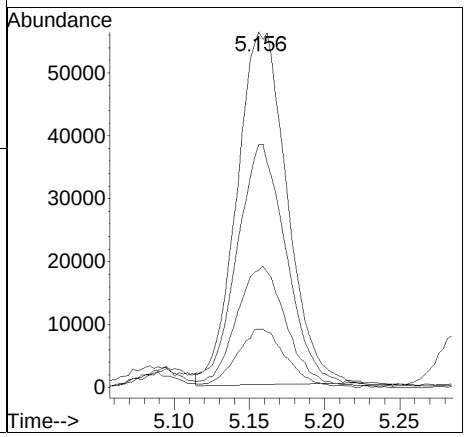


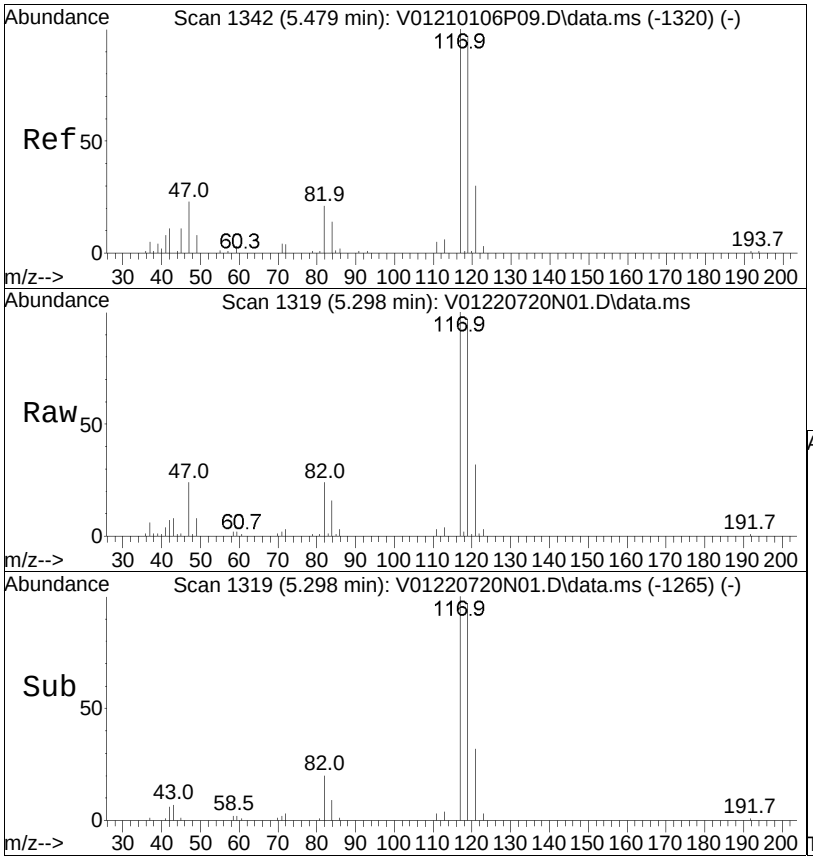


#32
Chloroform
Concen: 9.60 ug/L
RT: 5.156 min Scan# 1268
Delta R.T. -0.006 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion: 83 Resp: 130599

Ion	Ratio	Lower	Upper
83	100		
85	68.8	42.3	87.8
47	33.1	17.8	37.0
48	15.5	9.3	19.3

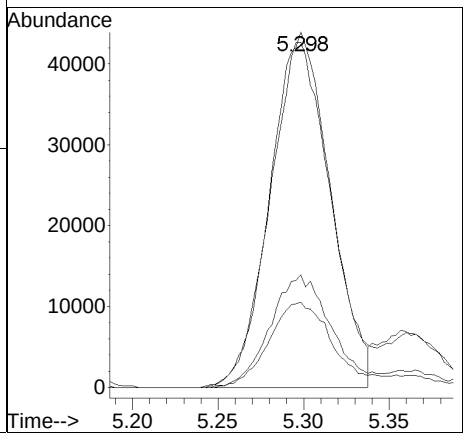


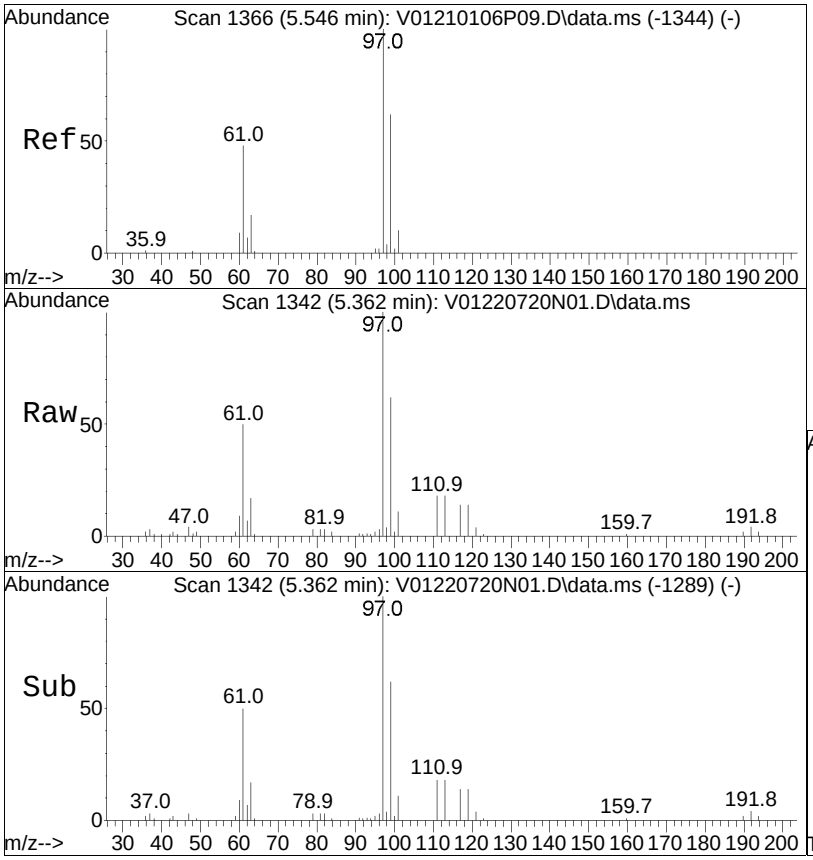


#34
Carbon tetrachloride
Concen: 9.40 ug/L
RT: 5.298 min Scan# 1319
Delta R.T. 0.000 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion:117 Resp: 107957

Ion	Ratio	Lower	Upper
117	100		
119	98.2	62.1	128.9
121	32.3	19.8	41.0
82	25.3	17.1	35.5

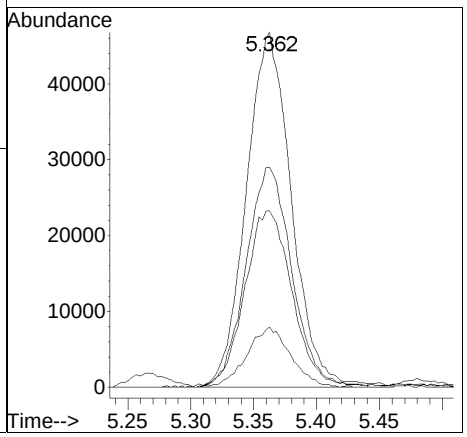


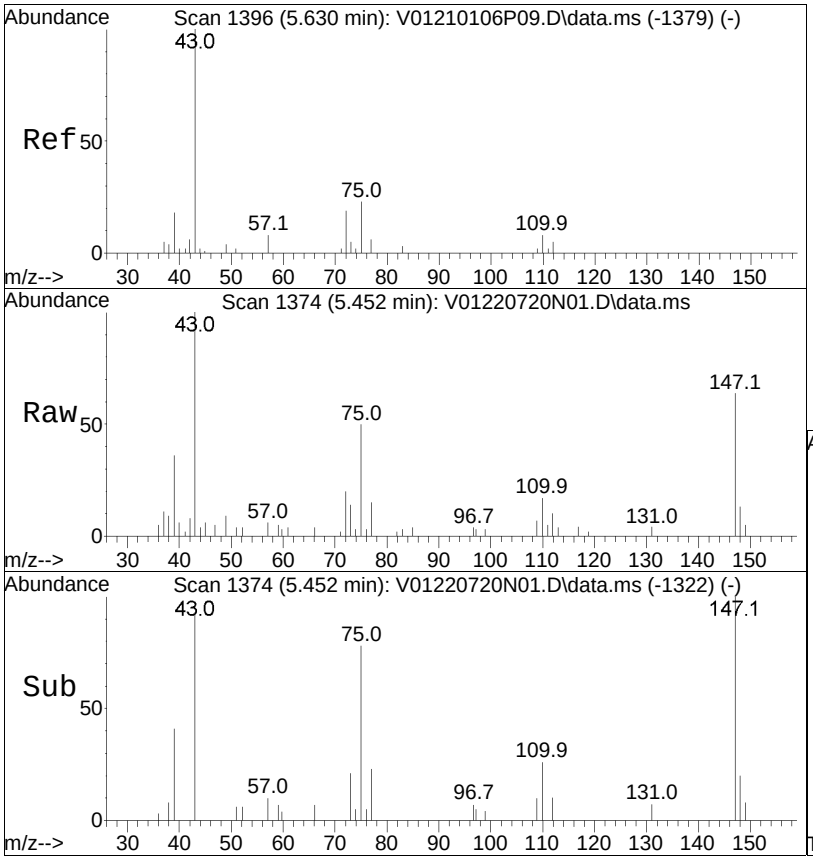


#37
1,1,1-Trichloroethane
Concen: 9.66 ug/L
RT: 5.362 min Scan# 1342
Delta R.T. -0.003 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion: 97 Resp: 116767

Ion	Ratio	Lower	Upper
97	100		
99	63.1	41.7	86.7
61	52.3	29.4	61.2
63	16.6	9.4	19.4

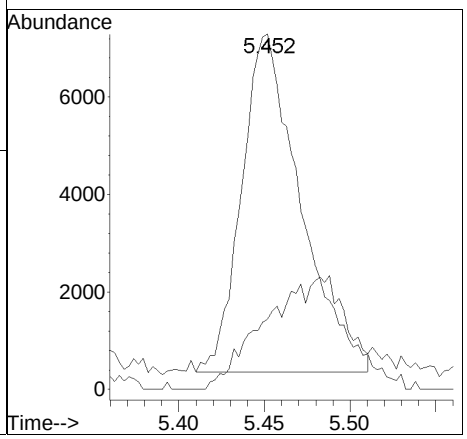


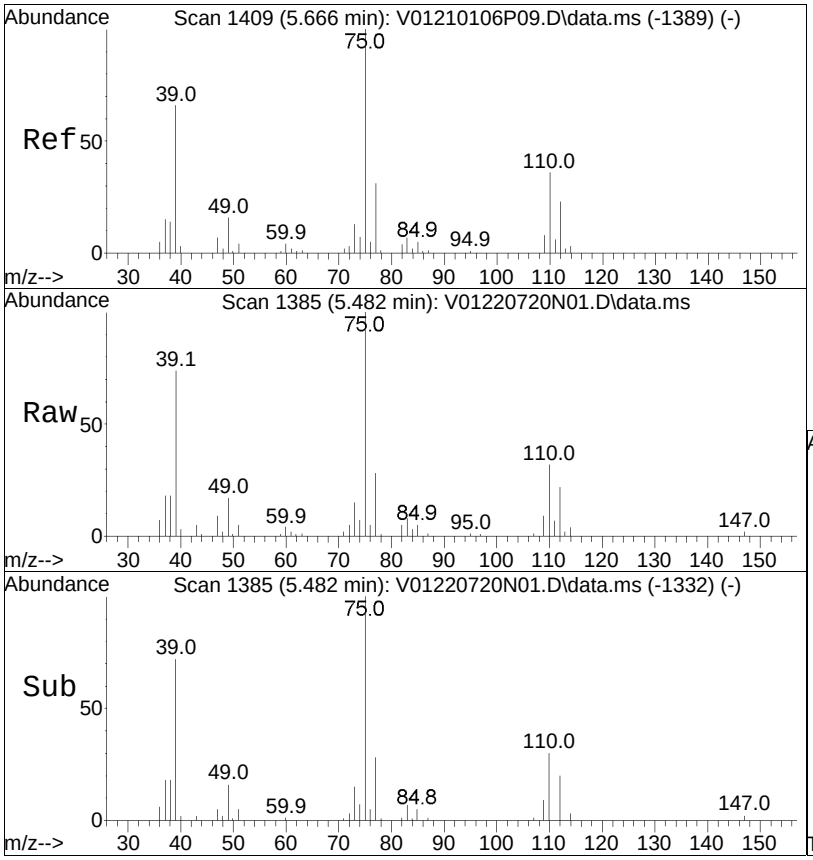


#39
2-Butanone
Concen: 9.39 ug/L
RT: 5.452 min Scan# 1374
Delta R.T. -0.005 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion: 43 Resp: 16533

Ion	Ratio	Lower	Upper
43	100		
72	25.0	45.8	68.6#

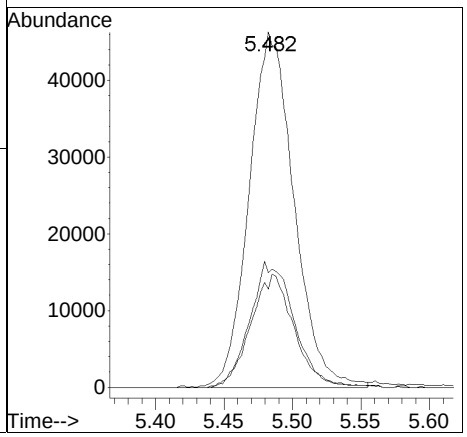


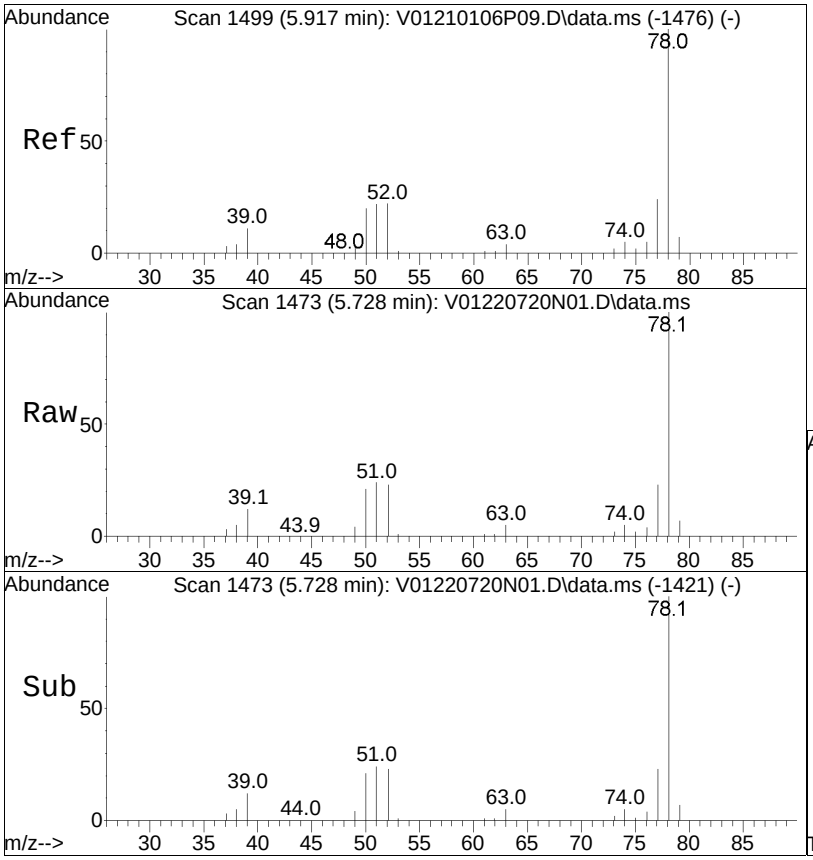


#40
1,1-Dichloropropene
Concen: 9.58 ug/L
RT: 5.482 min Scan# 1385
Delta R.T. -0.003 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion: 75 Resp: 105556

Ion	Ratio	Lower	Upper
75	100		
110	34.5	22.2	46.2
77	30.9	20.2	42.0

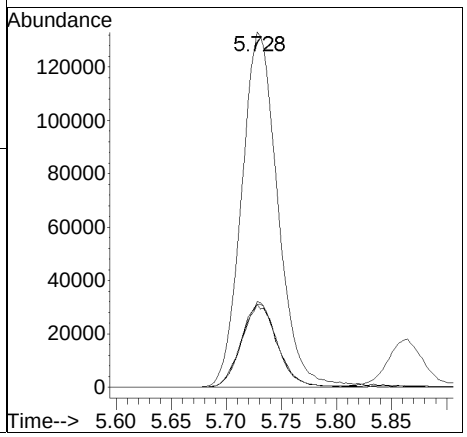


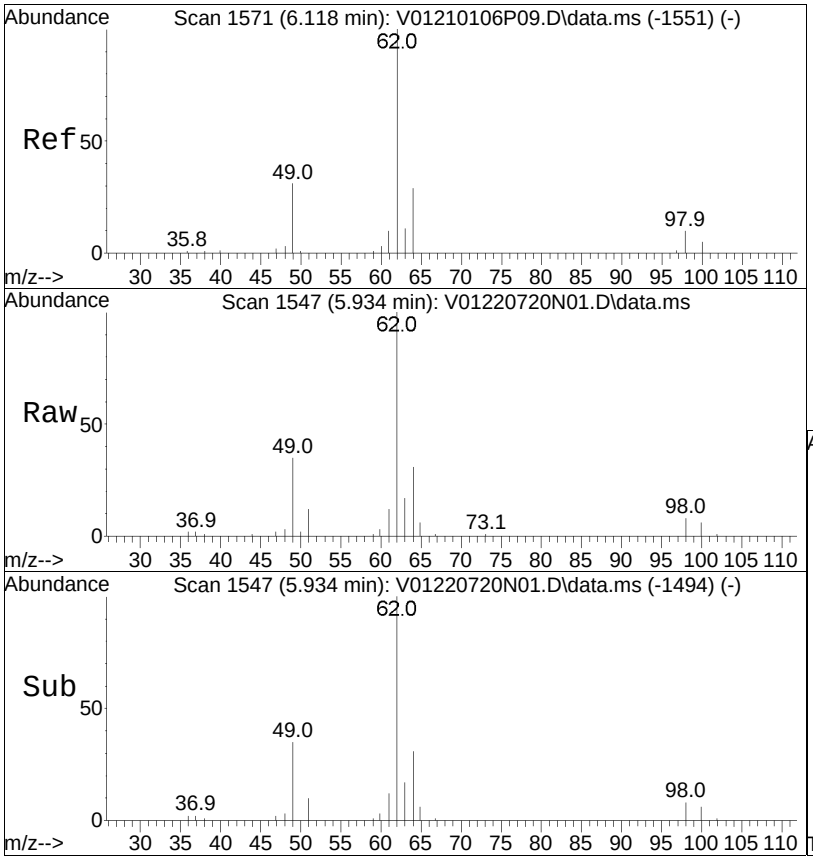


#41
Benzene
Concen: 9.68 ug/L
RT: 5.728 min Scan# 1473
Delta R.T. -0.006 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion: 78 Resp: 305628

Ion	Ratio	Lower	Upper
78	100		
77	23.3	15.7	32.5
51	24.0	11.6	24.2
52	23.0	10.9	22.5#

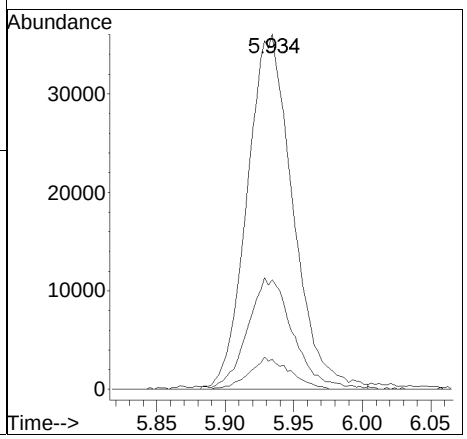


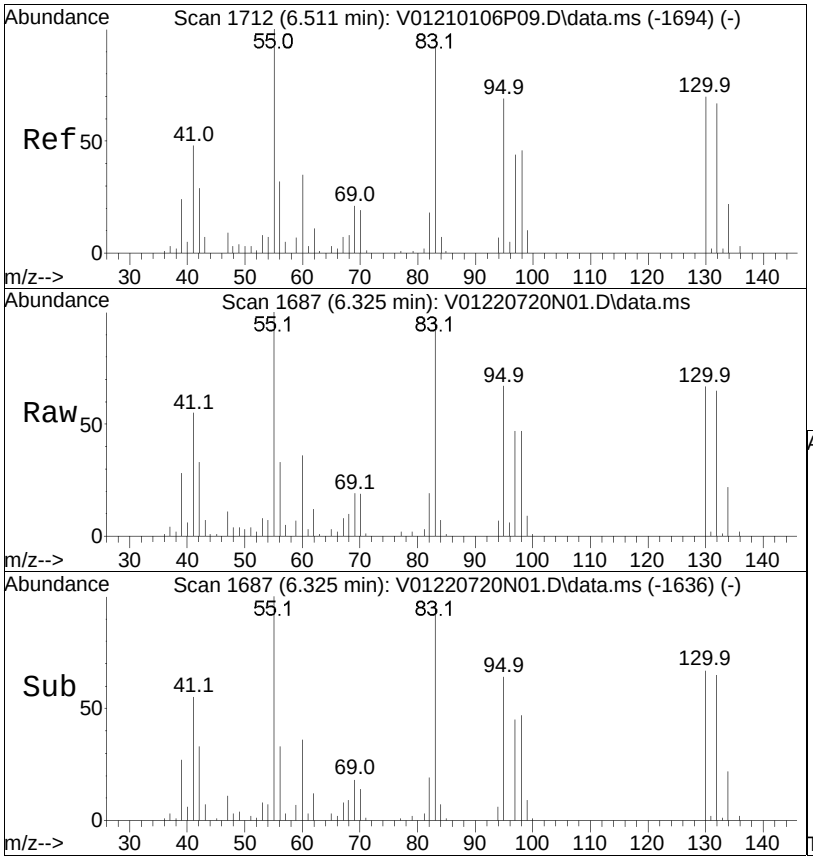


#44
1,2-Dichloroethane
Concen: 9.76 ug/L
RT: 5.934 min Scan# 1547
Delta R.T. -0.003 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion: 62 Resp: 83806

Ion	Ratio	Lower	Upper
62	100		
64	30.0	12.1	52.1
98	8.1	0.0	28.8

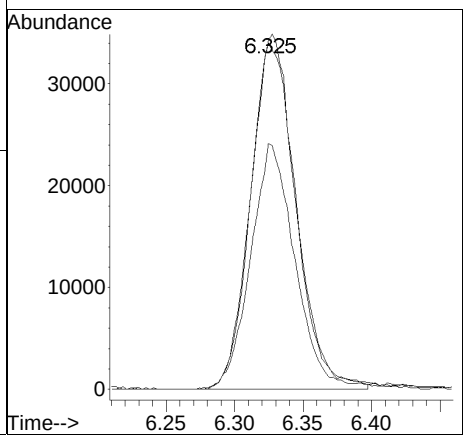


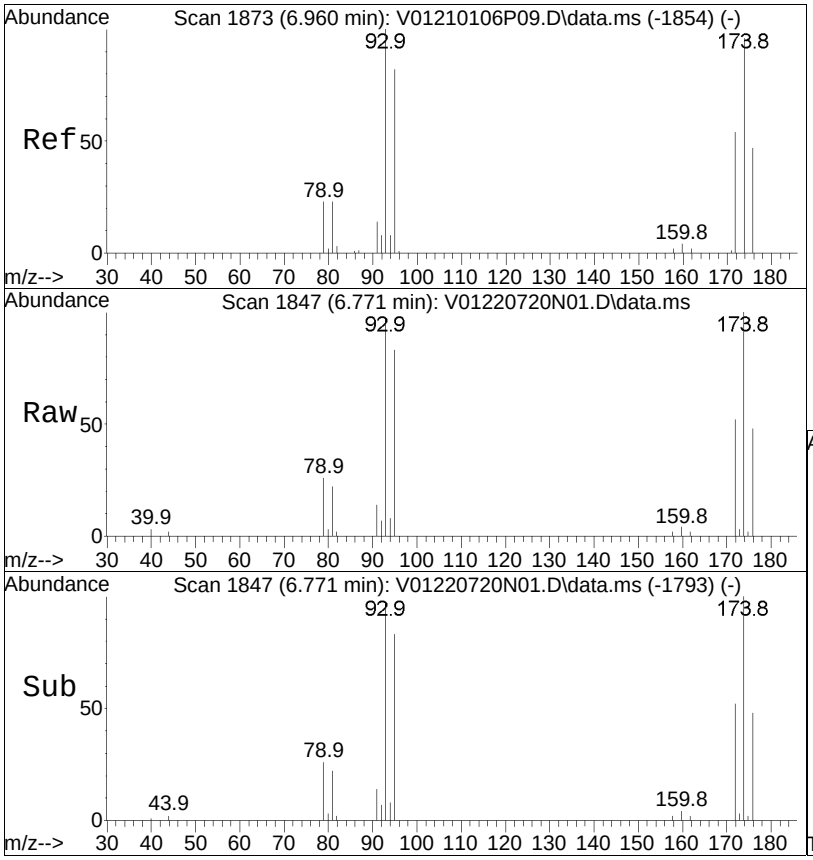


#48
Trichloroethene
Concen: 9.56 ug/L
RT: 6.325 min Scan# 1687
Delta R.T. -0.008 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion: 95 Resp: 78929

Ion	Ratio	Lower	Upper
95	100		
97	68.5	54.4	81.6
130	102.0	80.6	120.8

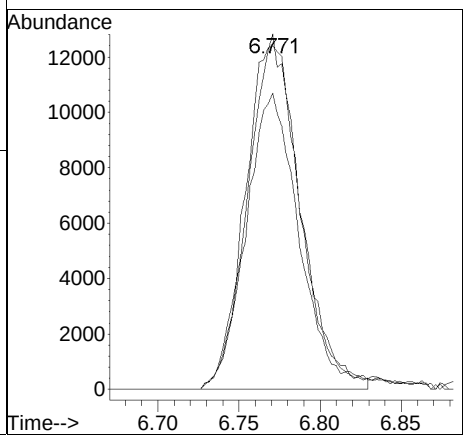


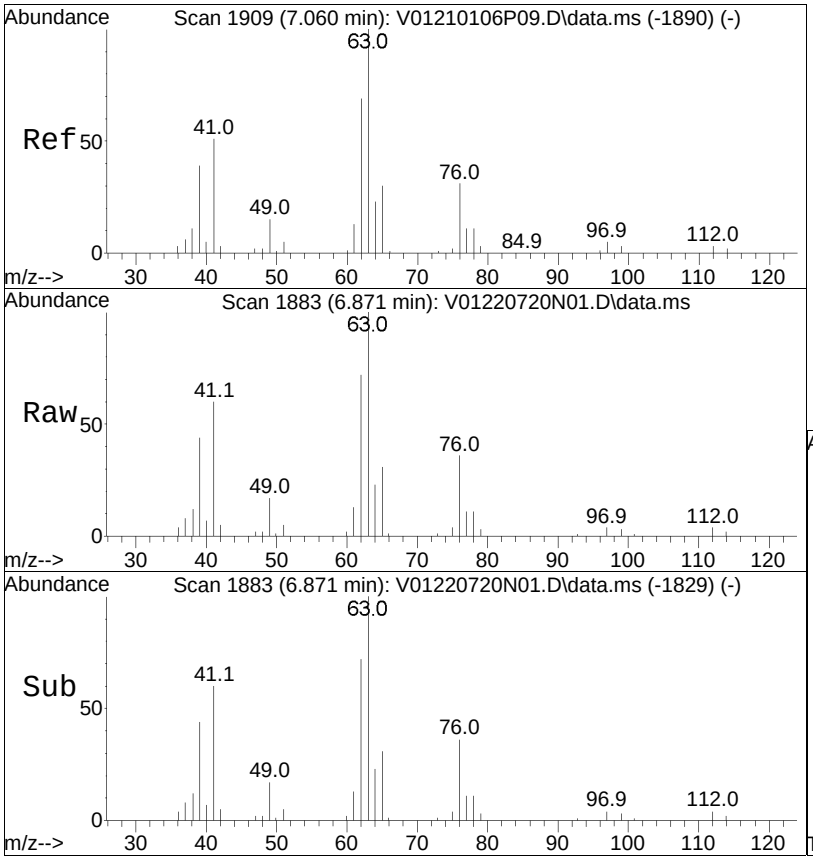


#50
Dibromomethane
Concen: 9.60 ug/L
RT: 6.771 min Scan# 1847
Delta R.T. -0.000 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion: 93 Resp: 29668

Ion	Ratio	Lower	Upper
93	100		
95	83.8	68.6	102.8
174	97.5	80.5	120.7

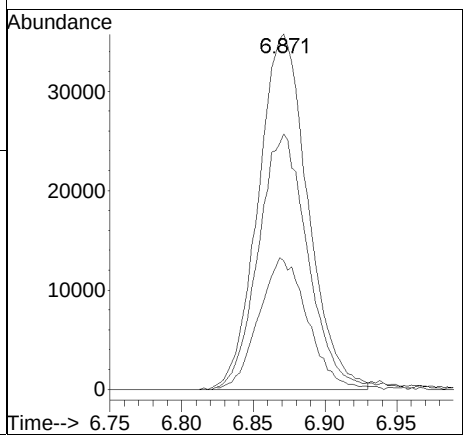


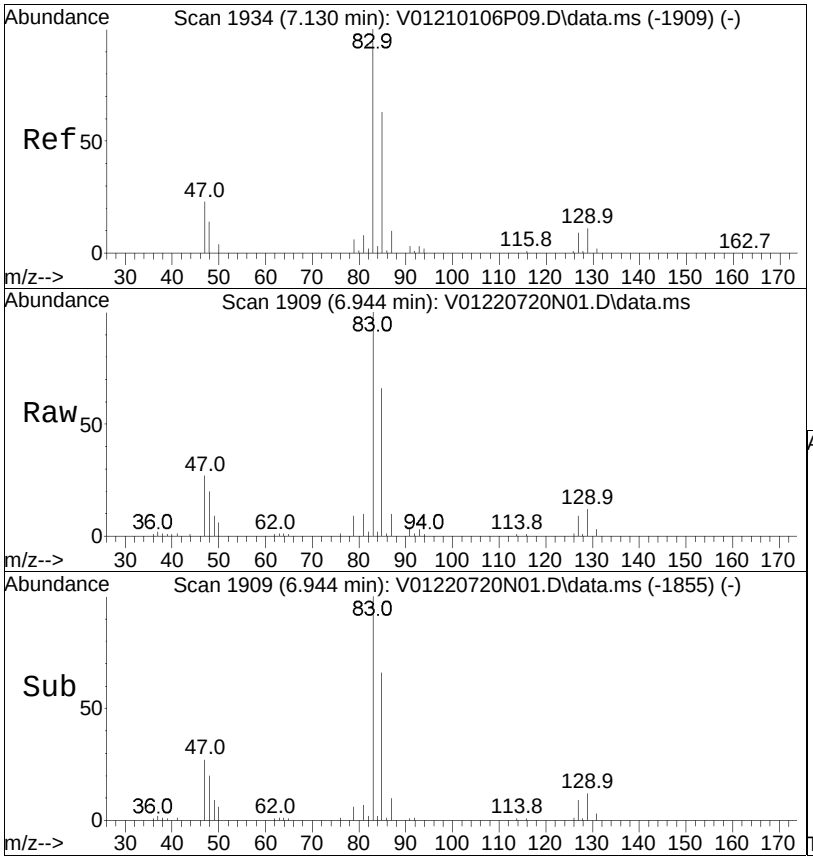


#51
1,2-Dichloropropane
Concen: 9.66 ug/L
RT: 6.871 min Scan# 1883
Delta R.T. 0.000 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion: 63 Resp: 86144

Ion	Ratio	Lower	Upper
63	100		
62	71.6	57.2	85.8
76	36.5	33.6	50.4

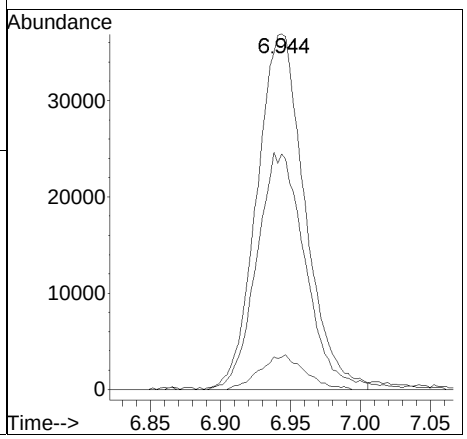


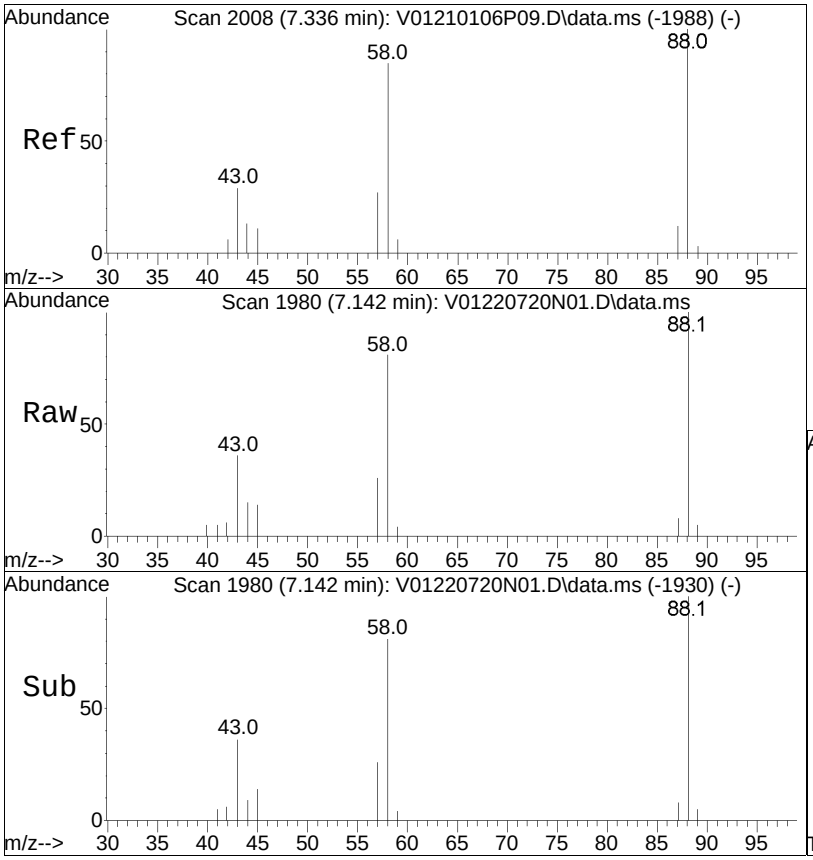


#54
Bromodichloromethane
Concen: 9.66 ug/L
RT: 6.944 min Scan# 1909
Delta R.T. -0.000 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion: 83 Resp: 88221

Ion	Ratio	Lower	Upper
83	100		
85	67.6	52.2	78.4
127	9.1	6.9	10.3

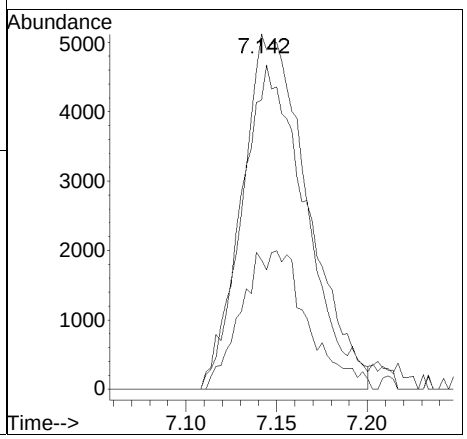


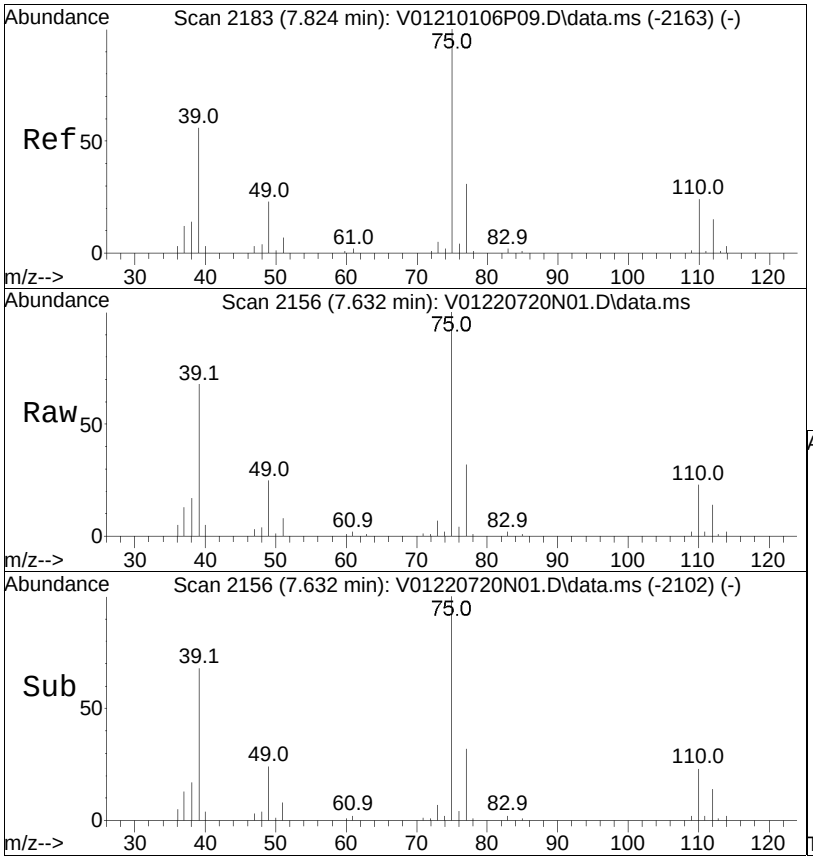


#57
1,4-Dioxane
Concen: 505.66 ug/L
RT: 7.142 min Scan# 1980
Delta R.T. -0.011 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion: 88 Resp: 13005

Ion	Ratio	Lower	Upper
88	100		
58	88.0	54.8	82.2#
43	16.3	29.3	43.9#

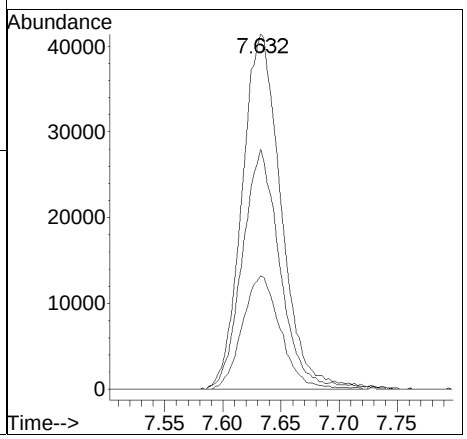


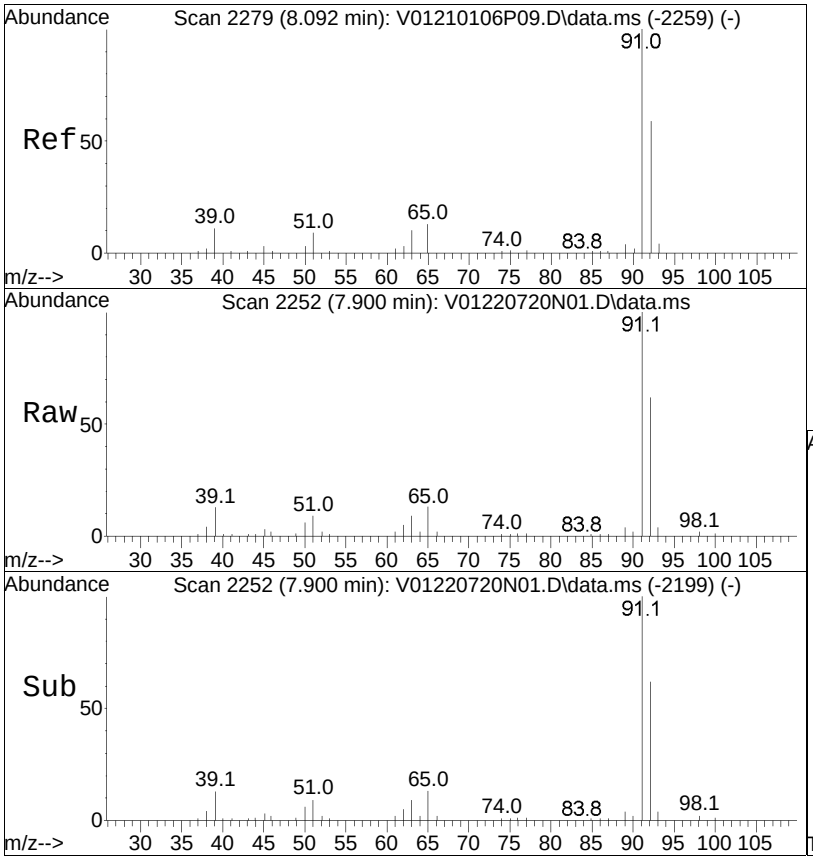


#58
cis-1,3-Dichloropropene
Concen: 9.29 ug/L
RT: 7.632 min Scan# 2156
Delta R.T. -0.001 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion: 75 Resp: 97008

Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.1	37.7
39	64.3	42.6	63.8#

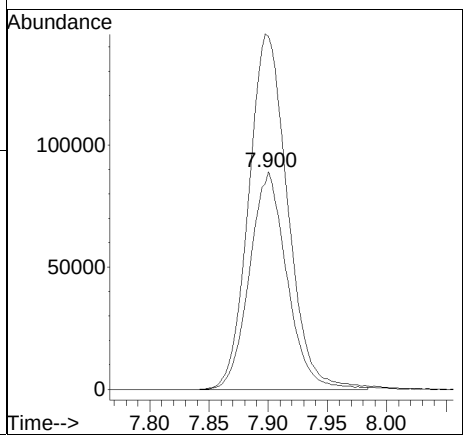


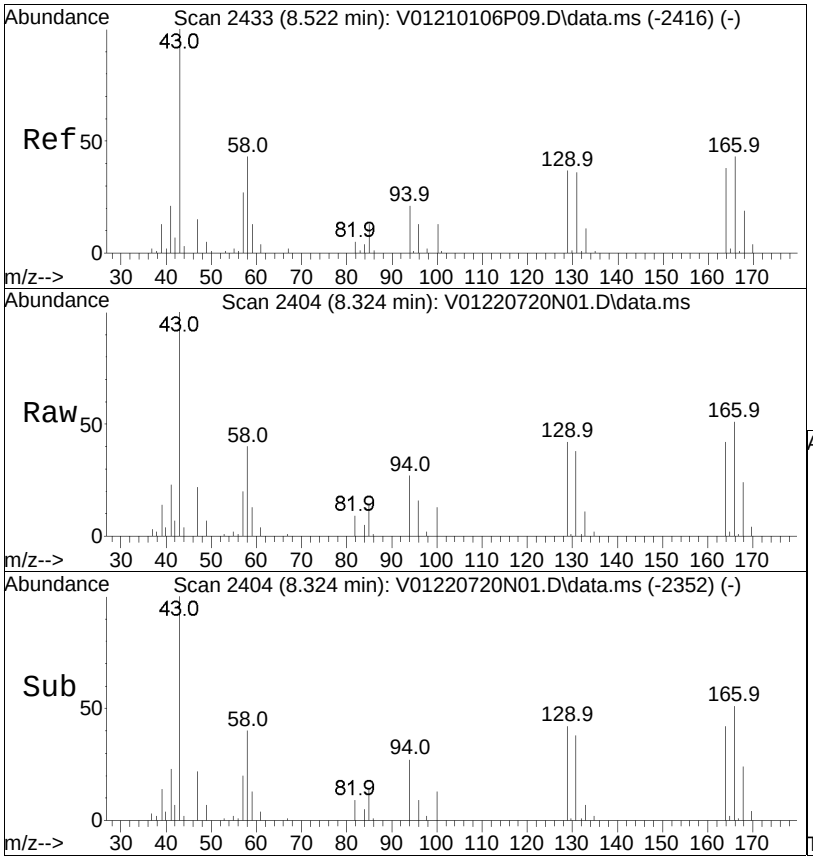


#61
Toluene
Concen: 9.70 ug/L
RT: 7.900 min Scan# 2252
Delta R.T. -0.003 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion: 92 Resp: 195479

Ion	Ratio	Lower	Upper
92	100		
91	170.4	137.5	206.3

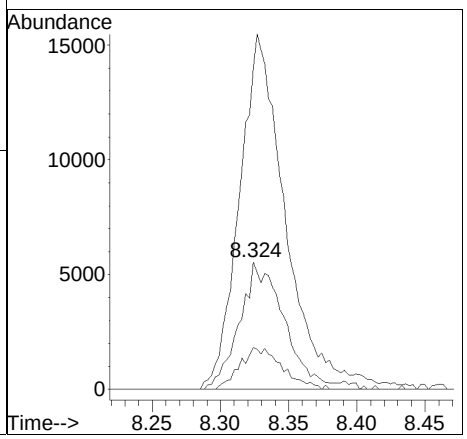


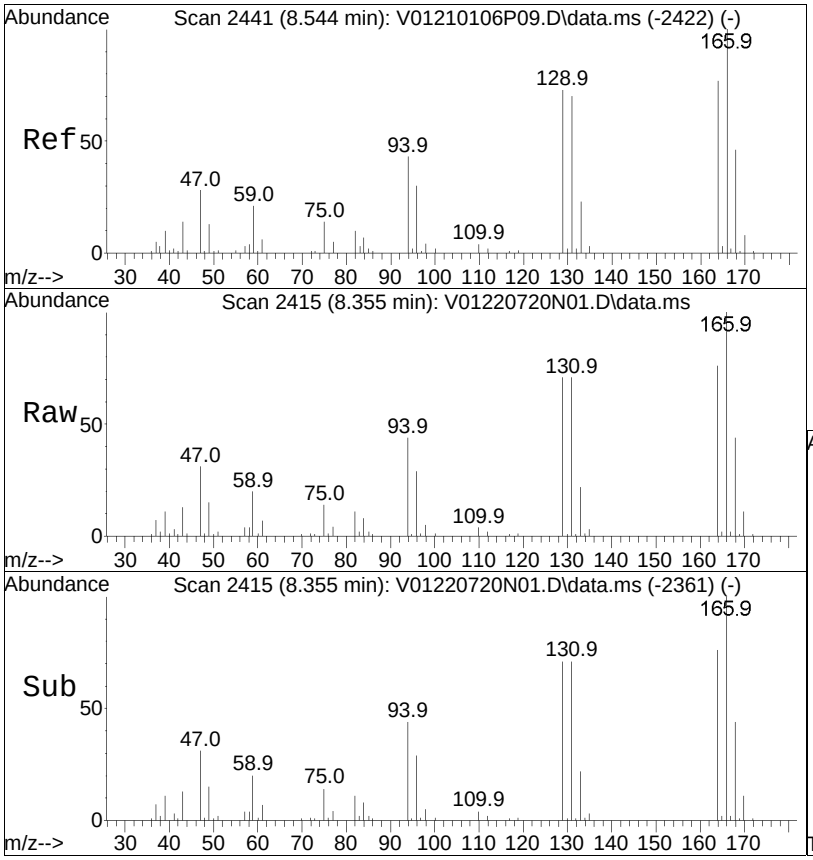


#62
4-Methyl-2-pentanone
Concen: 8.77 ug/L M1
RT: 8.324 min Scan# 2404
Delta R.T. -0.006 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion: 58 Resp: 12901

Ion	Ratio	Lower	Upper
58	100		
100	30.5	31.8	47.6#
43	278.0	212.5	318.7

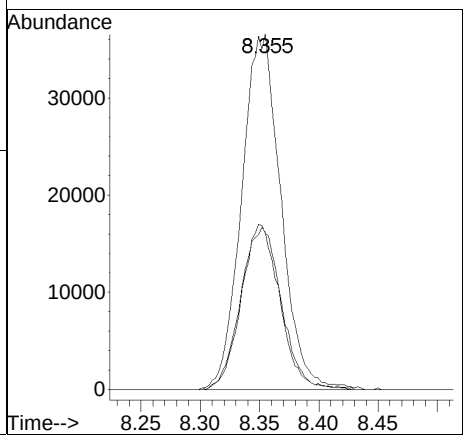


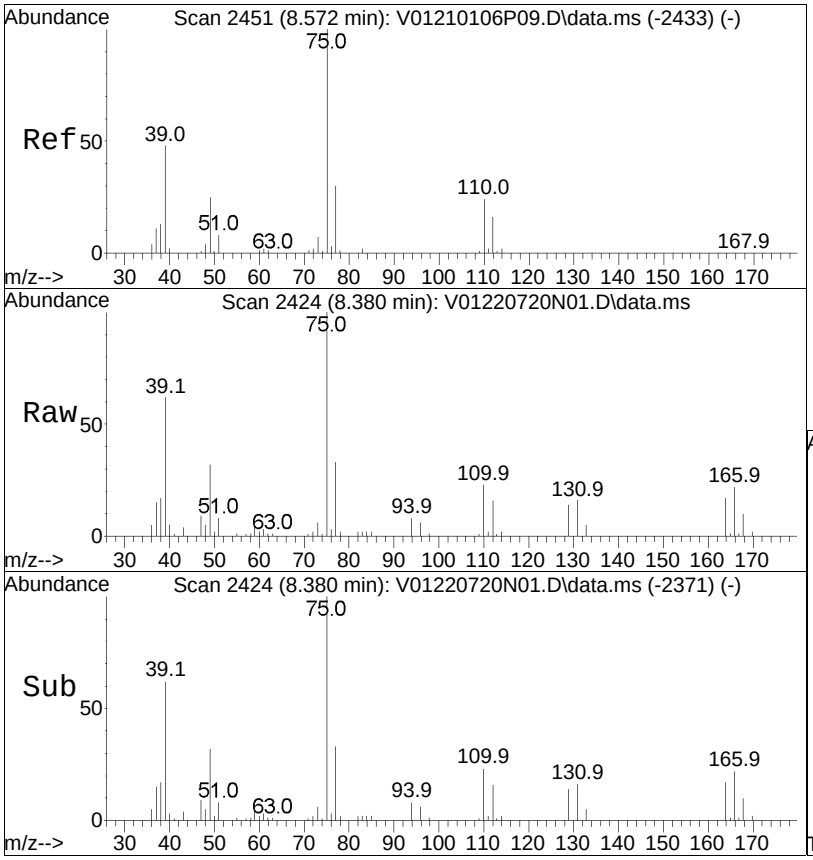


#63
Tetrachloroethene
Concen: 9.55 ug/L
RT: 8.355 min Scan# 2415
Delta R.T. -0.000 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion:166 Resp: 84180

Ion	Ratio	Lower	Upper
166	100		
168	47.0	27.4	67.4
94	46.0	24.8	64.8

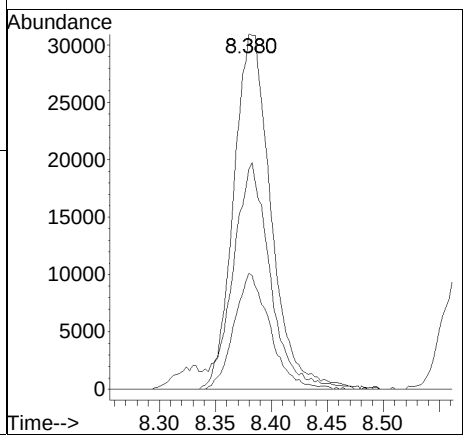


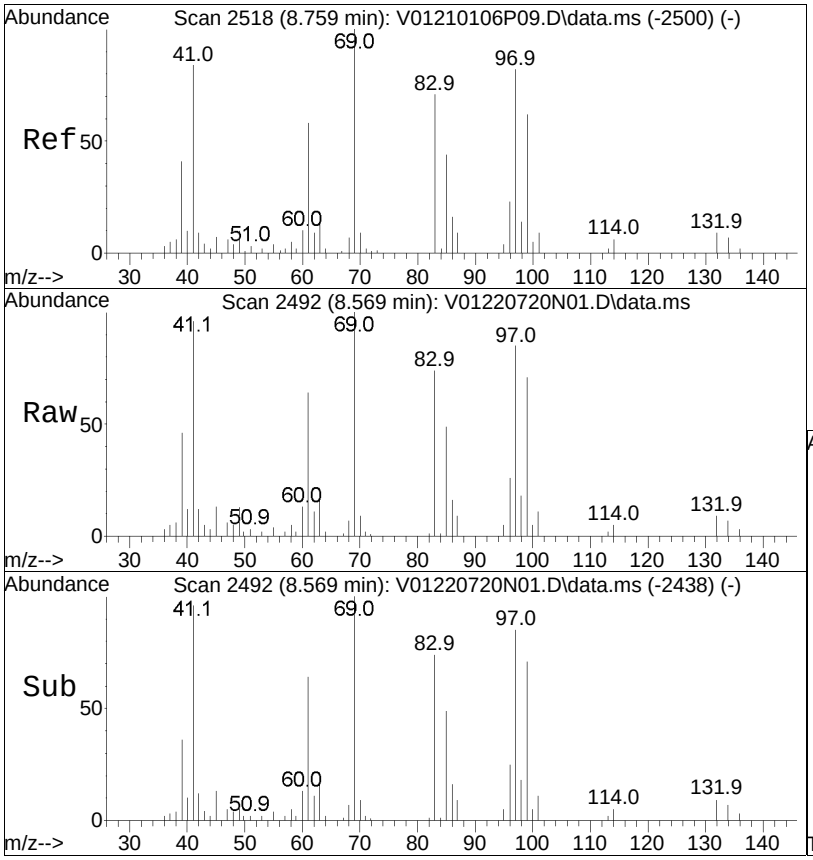


#65
trans-1,3-Dichloropropene
Concen: 9.29 ug/L
RT: 8.380 min Scan# 2424
Delta R.T. -0.003 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion: 75 Resp: 72106

Ion	Ratio	Lower	Upper
75	100		
77	31.3	11.8	51.8
39	62.8	30.2	70.2

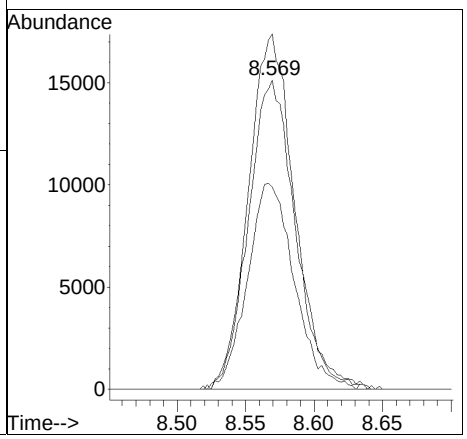


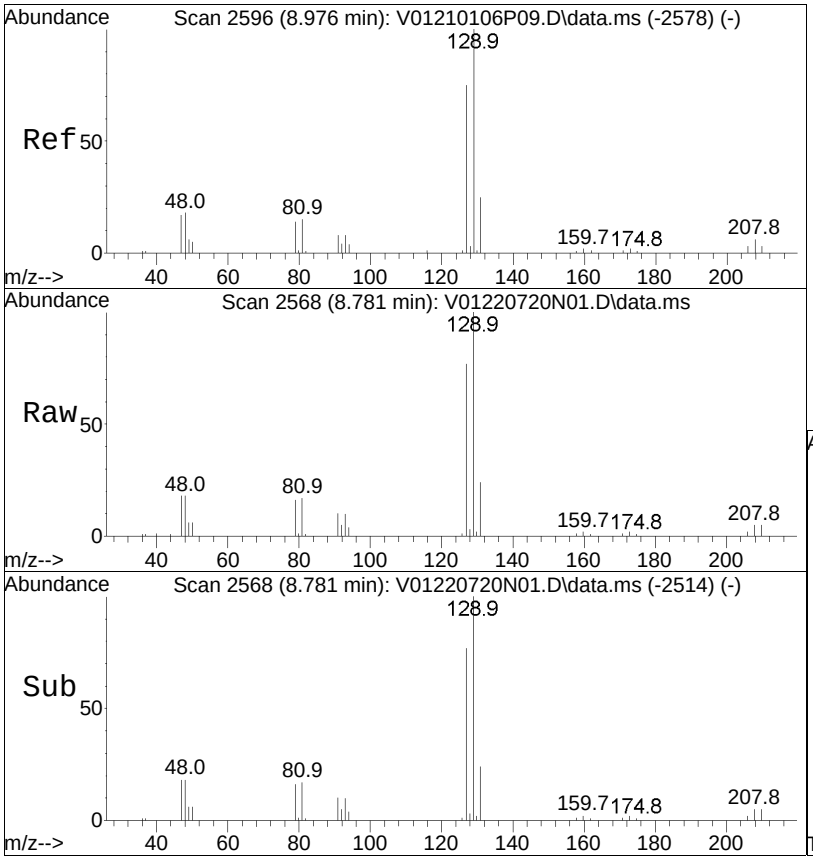


#68
1,1,2-Trichloroethane
Concen: 9.87 ug/L
RT: 8.569 min Scan# 2492
Delta R.T. -0.001 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion: 83 Resp: 36026

Ion	Ratio	Lower	Upper
83	100		
97	114.1	96.7	136.7
85	66.8	45.3	85.3

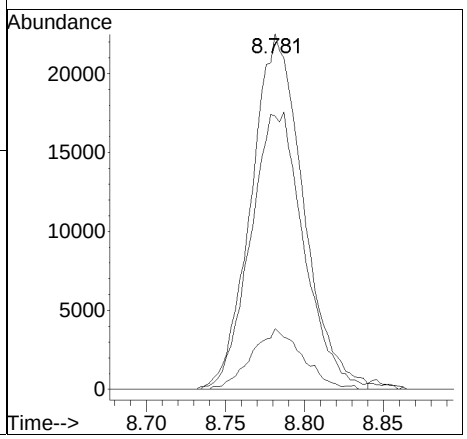


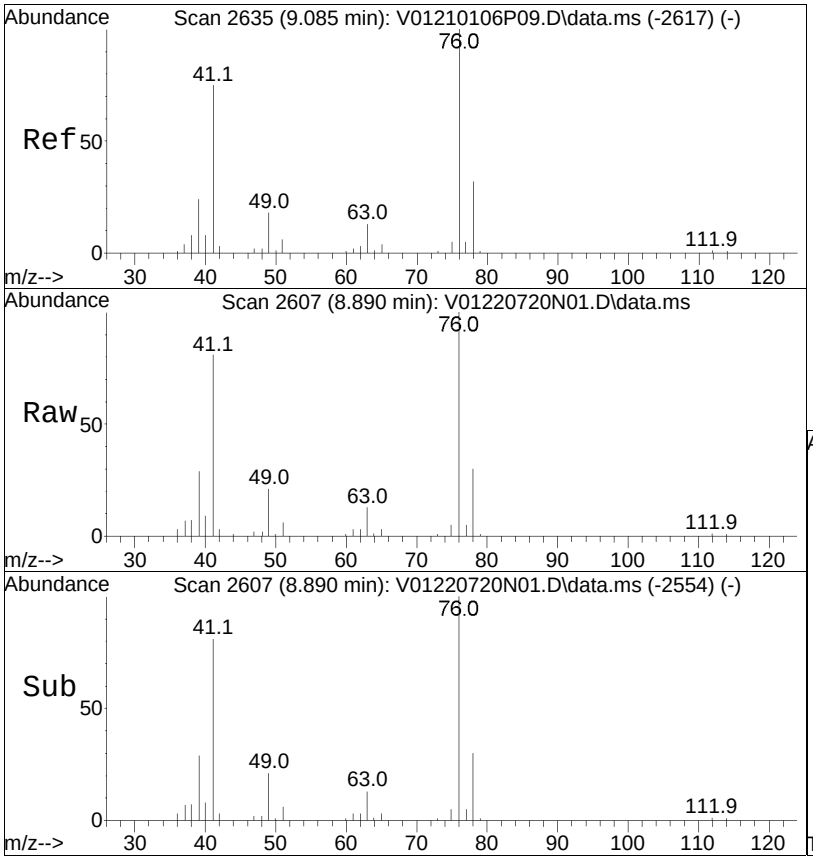


#69
Chlorodibromomethane
Concen: 9.32 ug/L
RT: 8.781 min Scan# 2568
Delta R.T. 0.000 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion:129 Resp: 51766

Ion	Ratio	Lower	Upper
129	100		
81	16.8	0.0	37.9
127	80.3	56.6	96.6

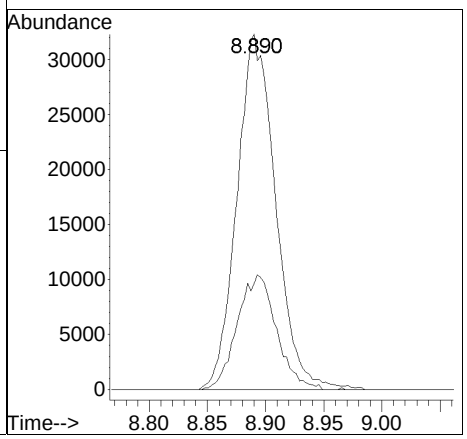


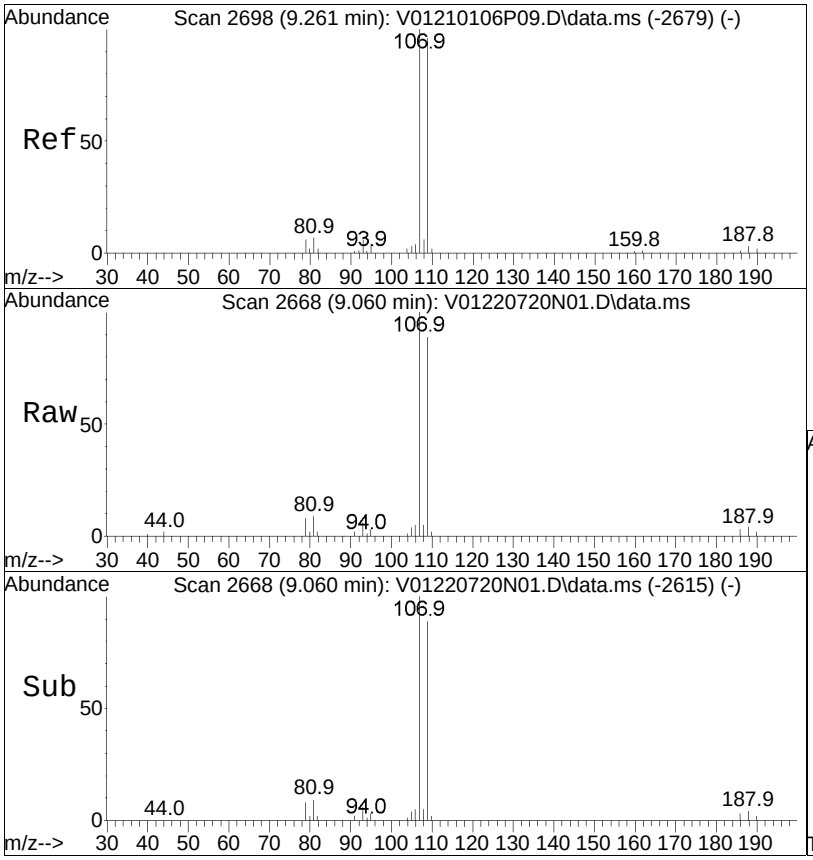


#70
1,3-Dichloropropane
Concen: 9.52 ug/L
RT: 8.890 min Scan# 2607
Delta R.T. -0.003 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion: 76 Resp: 75032

Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.8	38.8

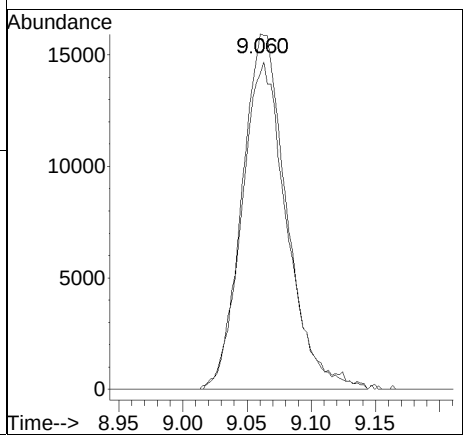


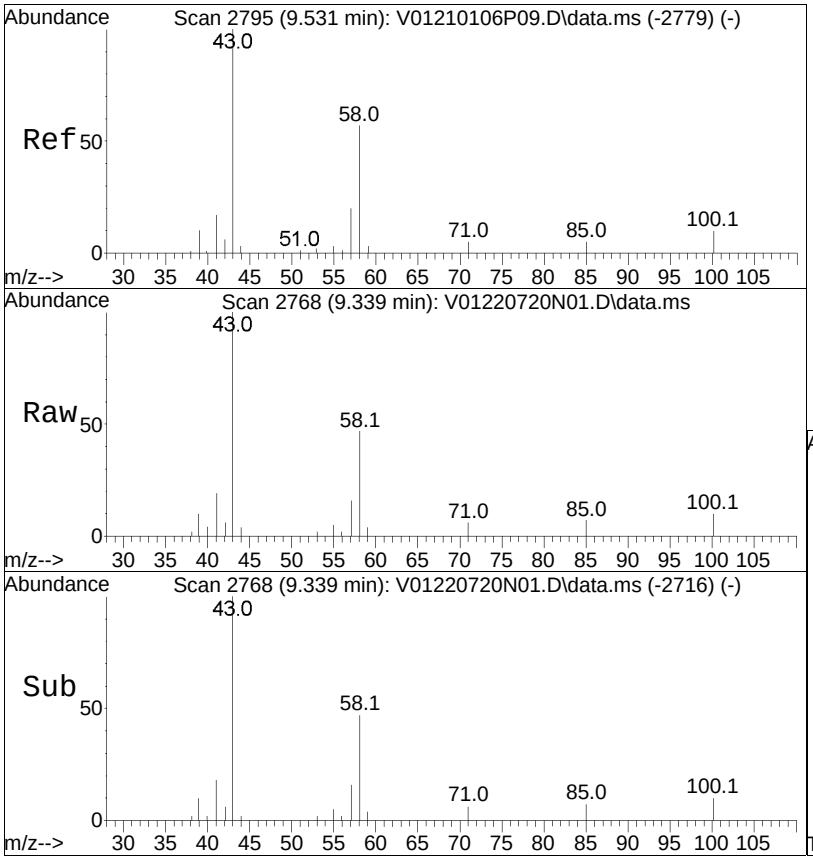


#71
1,2-Dibromoethane
Concen: 9.76 ug/L
RT: 9.060 min Scan# 2668
Delta R.T. -0.003 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion:107 Resp: 38808

Ion	Ratio	Lower	Upper
107	100		
109	92.5	75.6	113.4

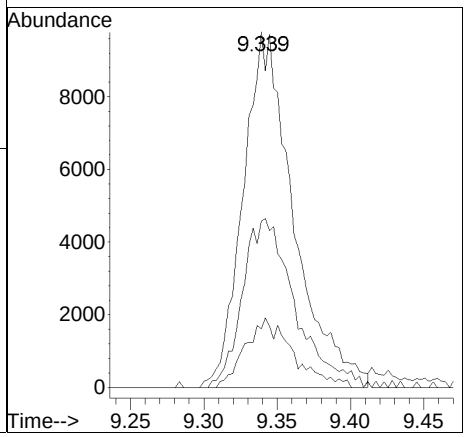


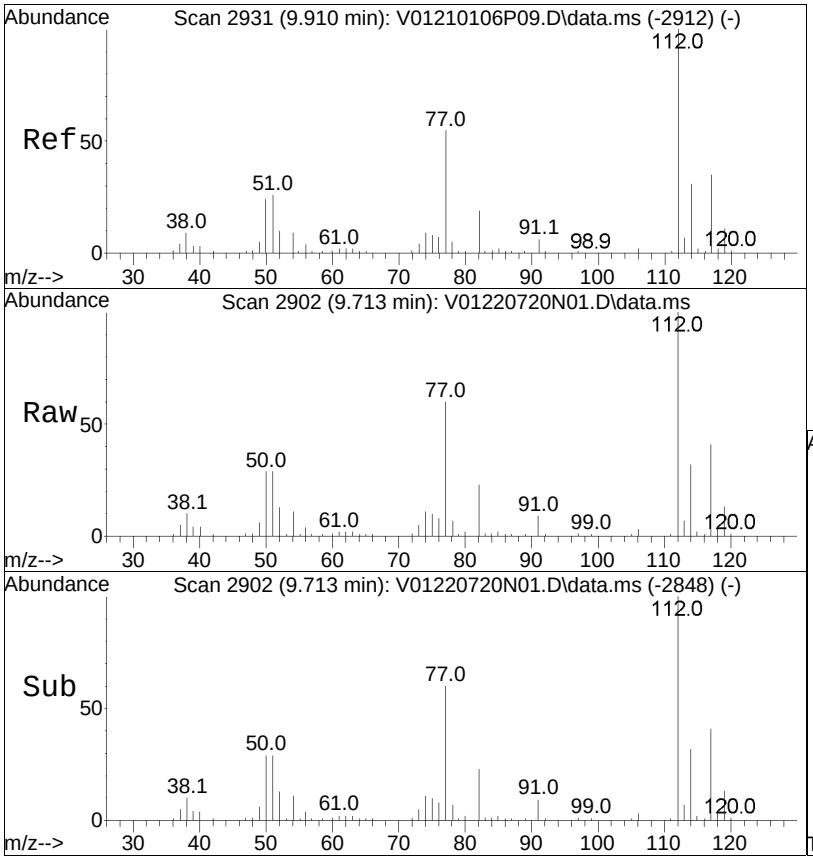


#72
2-Hexanone
Concen: 9.08 ug/L
RT: 9.339 min Scan# 2768
Delta R.T. -0.006 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion: 43 Resp: 23465

Ion	Ratio	Lower	Upper
43	100		
58	49.3	40.8	61.2
57	10.5	14.2	21.4#

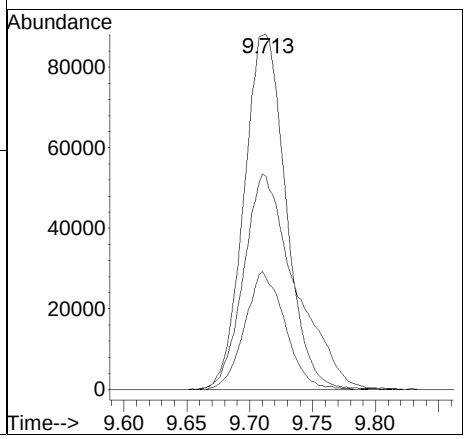


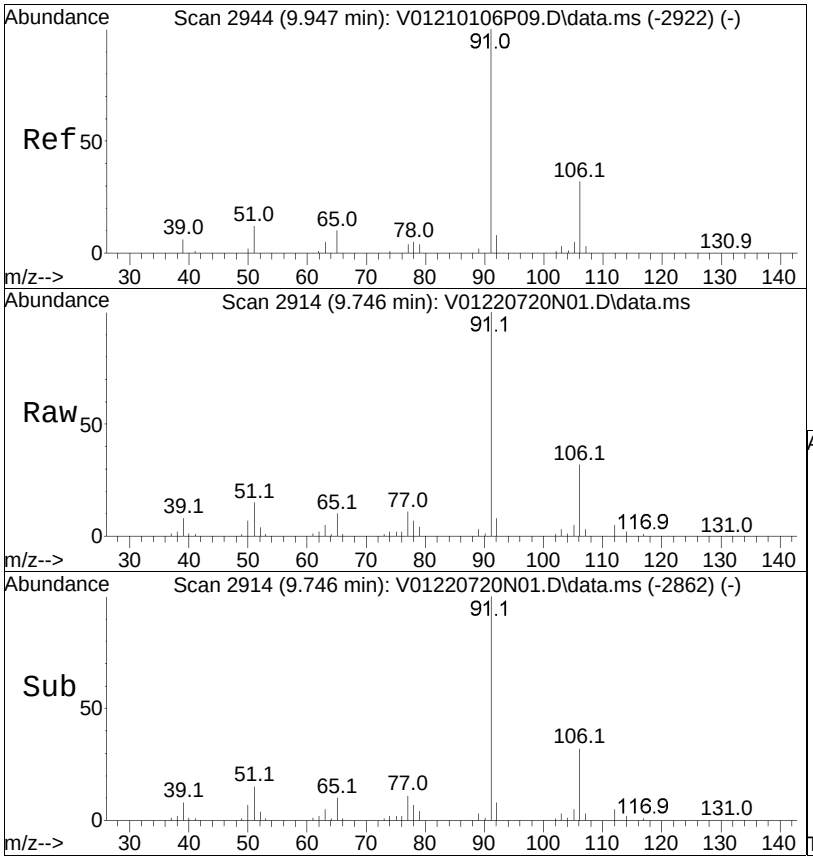


#73
Chlorobenzene
Concen: 9.65 ug/L
RT: 9.713 min Scan# 2902
Delta R.T. -0.000 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion:112 Resp: 203685

Ion	Ratio	Lower	Upper
112	100		
77	75.3	59.8	89.6
114	32.0	25.4	38.2

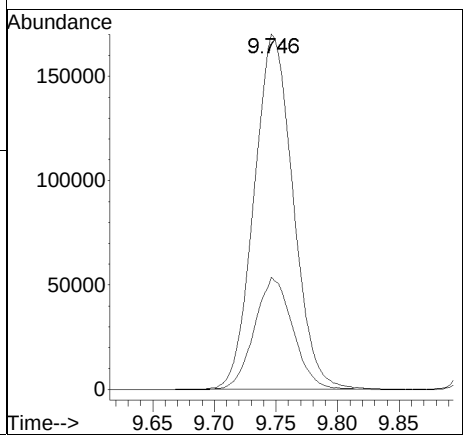


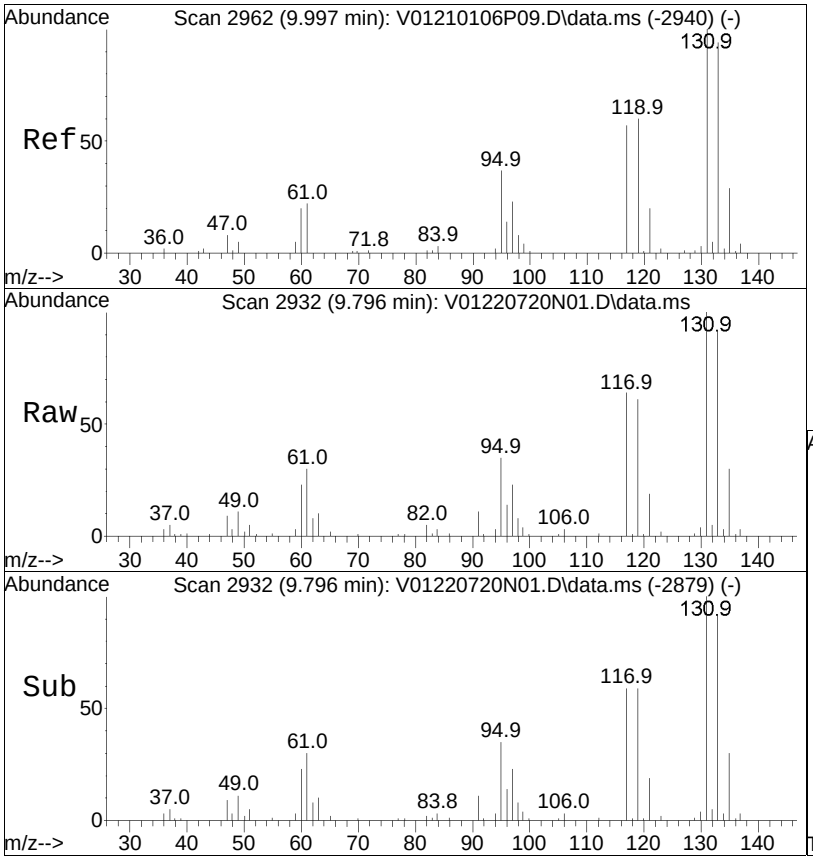


#74
Ethylbenzene
Concen: 9.62 ug/L
RT: 9.746 min Scan# 2914
Delta R.T. -0.006 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion: 91 Resp: 373496

Ion	Ratio	Lower	Upper
91	100		
106	31.1	24.7	37.1

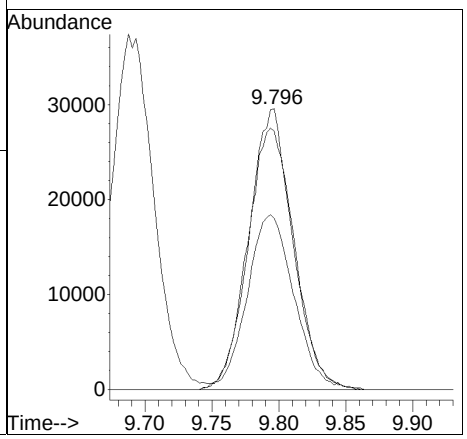


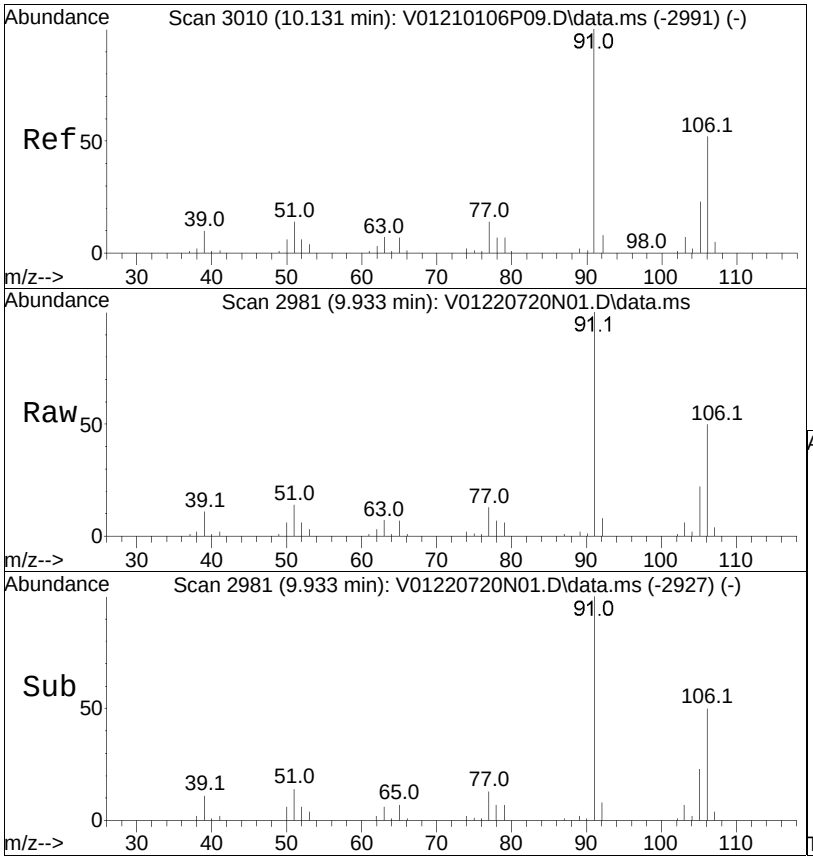


#75
1,1,1,2-Tetrachloroethane
Concen: 9.71 ug/L
RT: 9.796 min Scan# 2932
Delta R.T. -0.003 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion:131 Resp: 68836

Ion	Ratio	Lower	Upper
131	100		
133	95.5	75.8	115.8
119	64.7	45.8	85.8

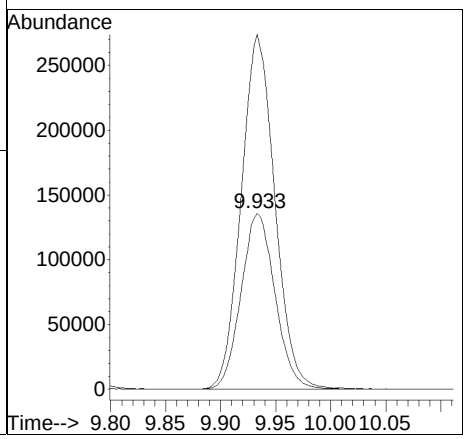


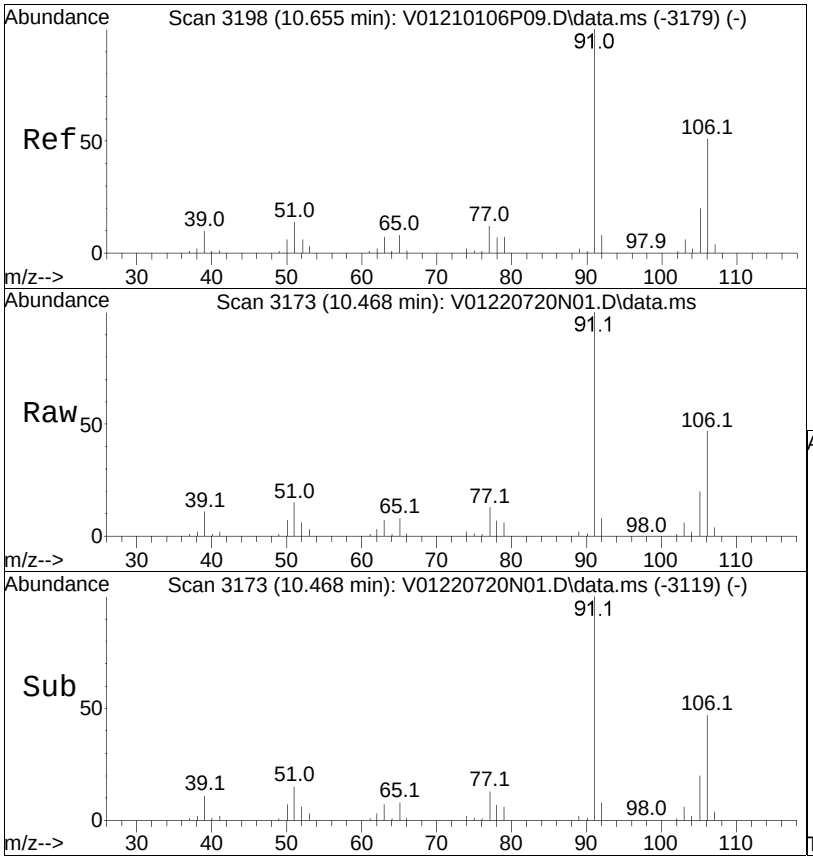


#76
p/m Xylene
Concen: 19.78 ug/L
RT: 9.933 min Scan# 2981
Delta R.T. 0.000 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion:106 Resp: 292926

Ion	Ratio	Lower	Upper
106	100		
91	199.0	162.9	244.3

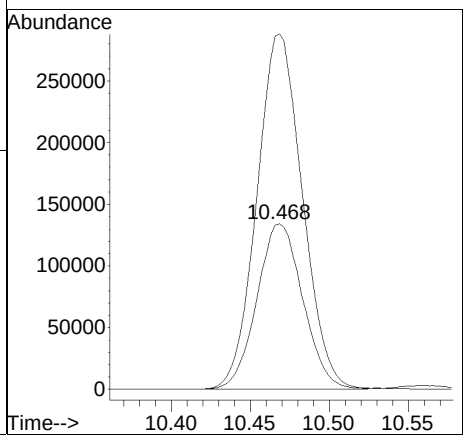


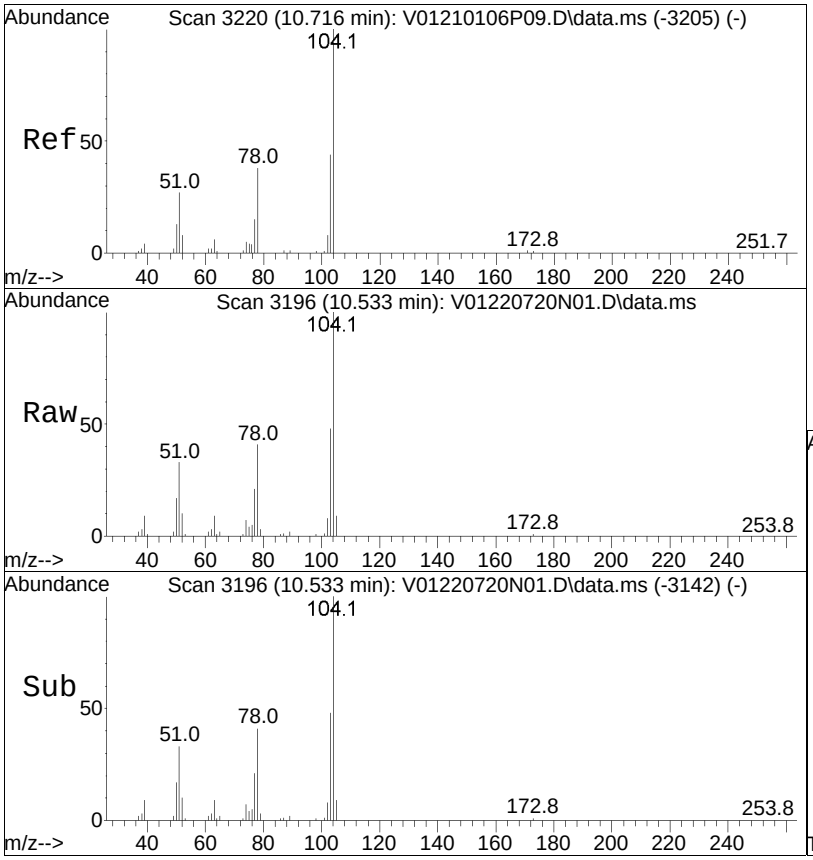


#77
o Xylene
Concen: 19.54 ug/L
RT: 10.468 min Scan# 3173
Delta R.T. -0.001 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion:106 Resp: 271865

Ion	Ratio	Lower	Upper
106	100		
91	212.7	171.2	256.8

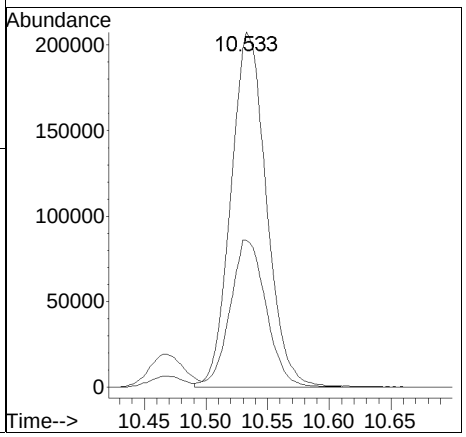


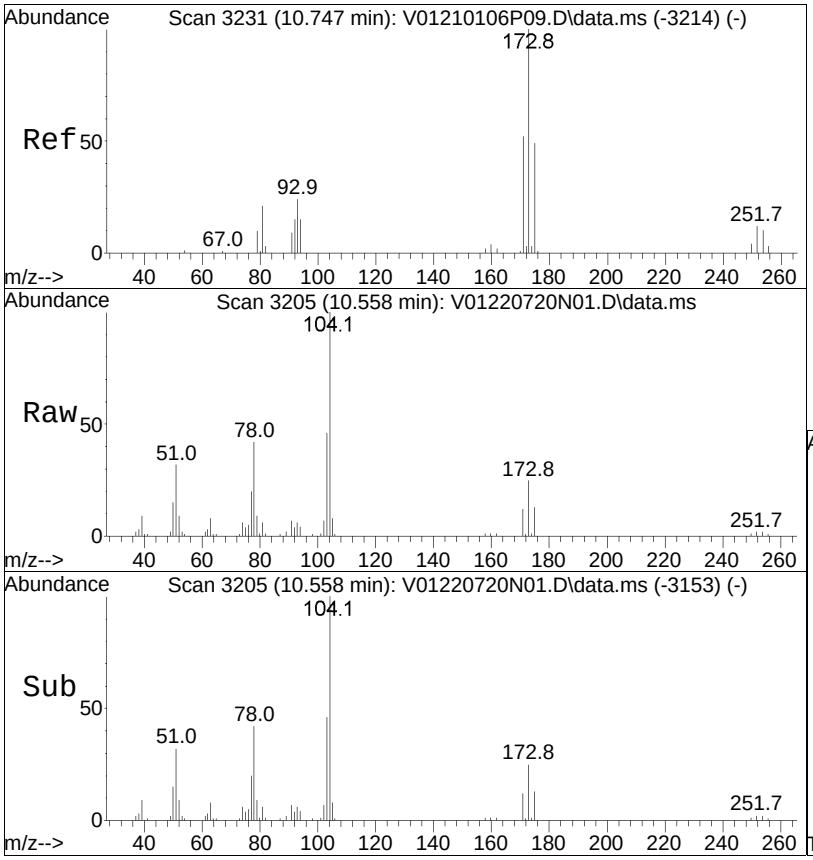


#78
Styrene
Concen: 19.61 ug/L
RT: 10.533 min Scan# 3196
Delta R.T. -0.000 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion:104 Resp: 414632

Ion	Ratio	Lower	Upper
104	100		
78	41.9	34.2	51.4

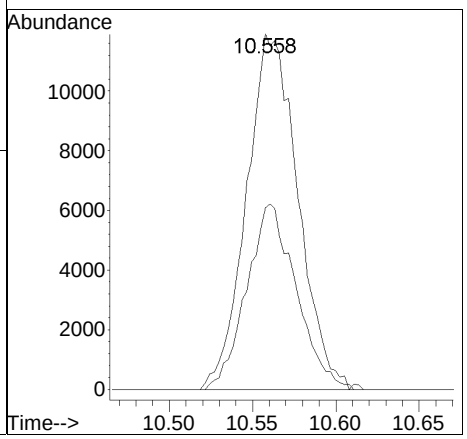


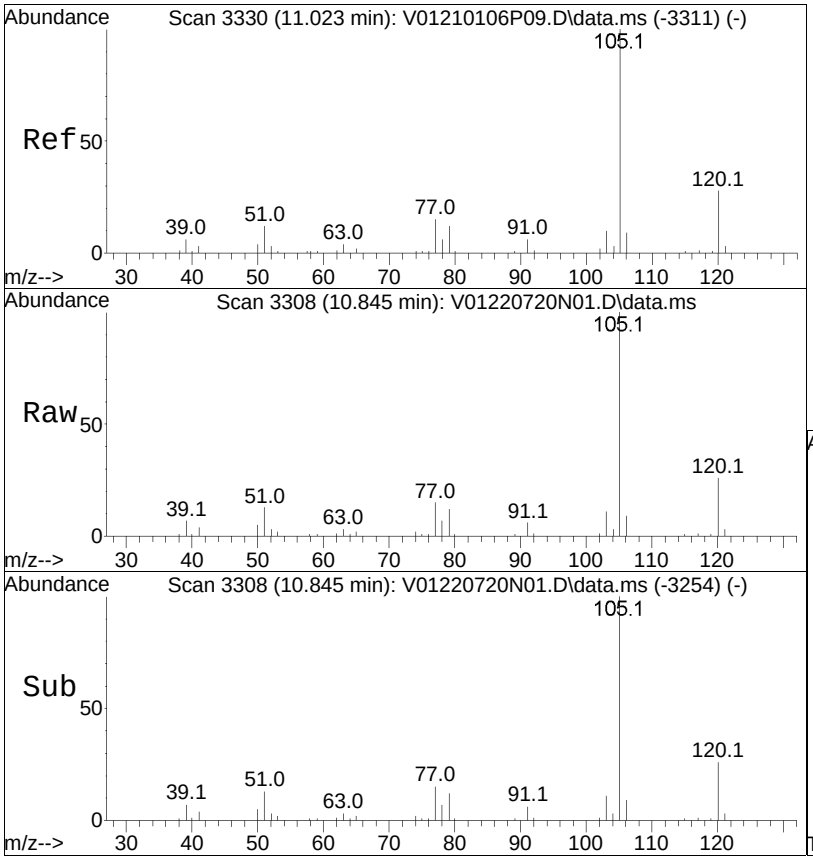


#80
Bromoform
Concen: 9.25 ug/L
RT: 10.558 min Scan# 3205
Delta R.T. -0.005 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion:173 Resp: 25578

Ion	Ratio	Lower	Upper
173	100		
175	50.2	28.6	68.6

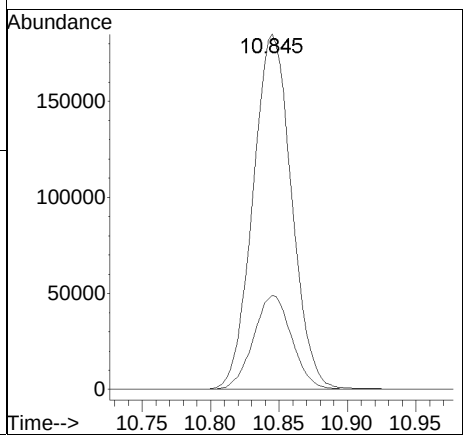


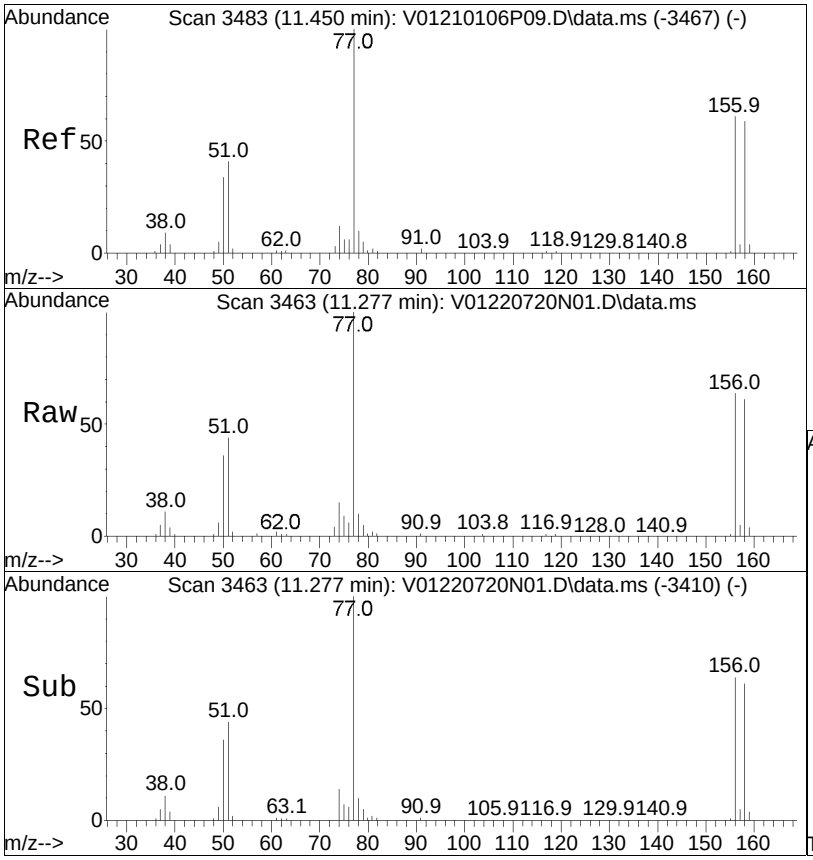


#82
Isopropylbenzene
Concen: 9.75 ug/L
RT: 10.845 min Scan# 3308
Delta R.T. -0.000 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion:105 Resp: 363103

Ion	Ratio	Lower	Upper
105	100		
120	26.3	7.3	47.3

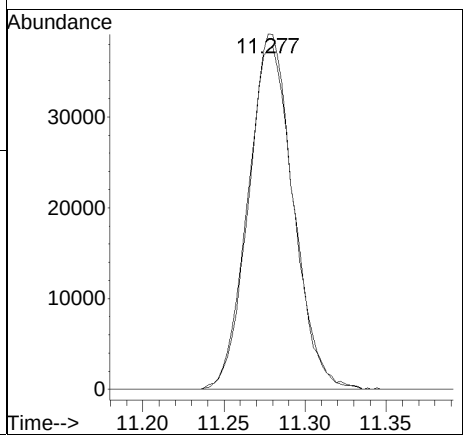


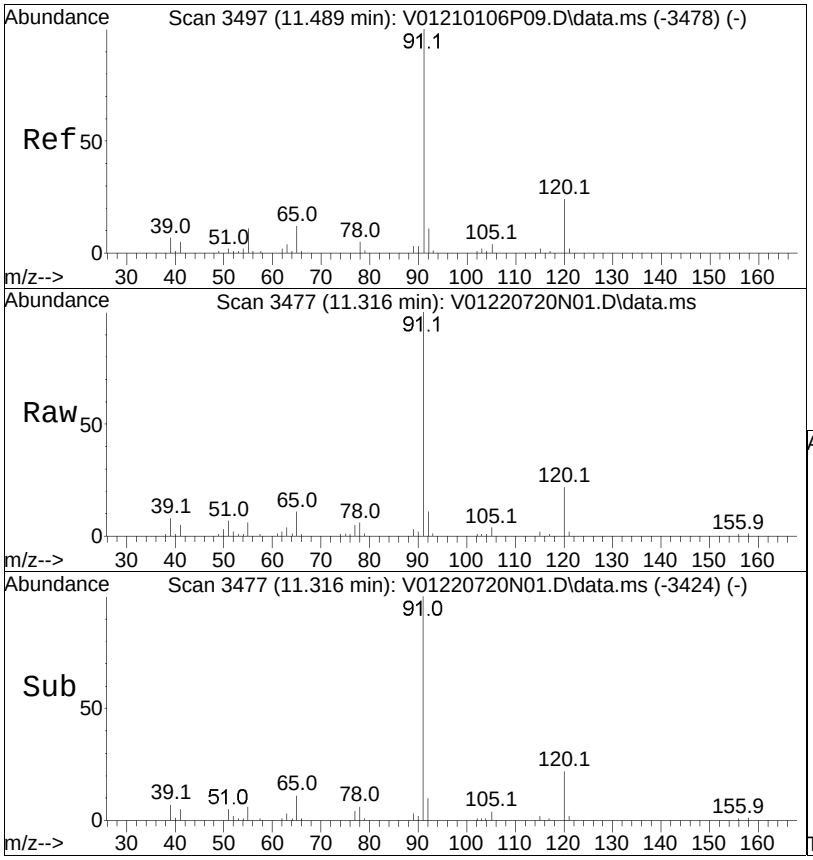


#84
Bromobenzene
Concen: 9.80 ug/L
RT: 11.277 min Scan# 3463
Delta R.T. -0.003 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion:156 Resp: 75840

Ion	Ratio	Lower	Upper
156	100		
158	96.4	78.2	117.4

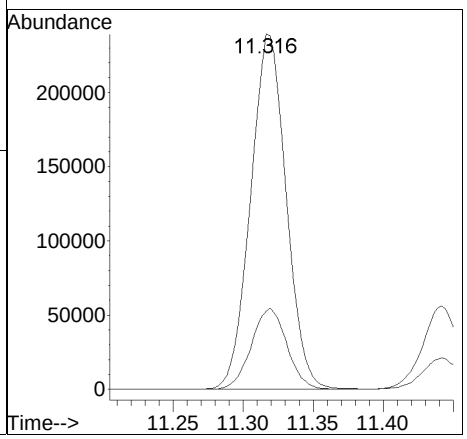


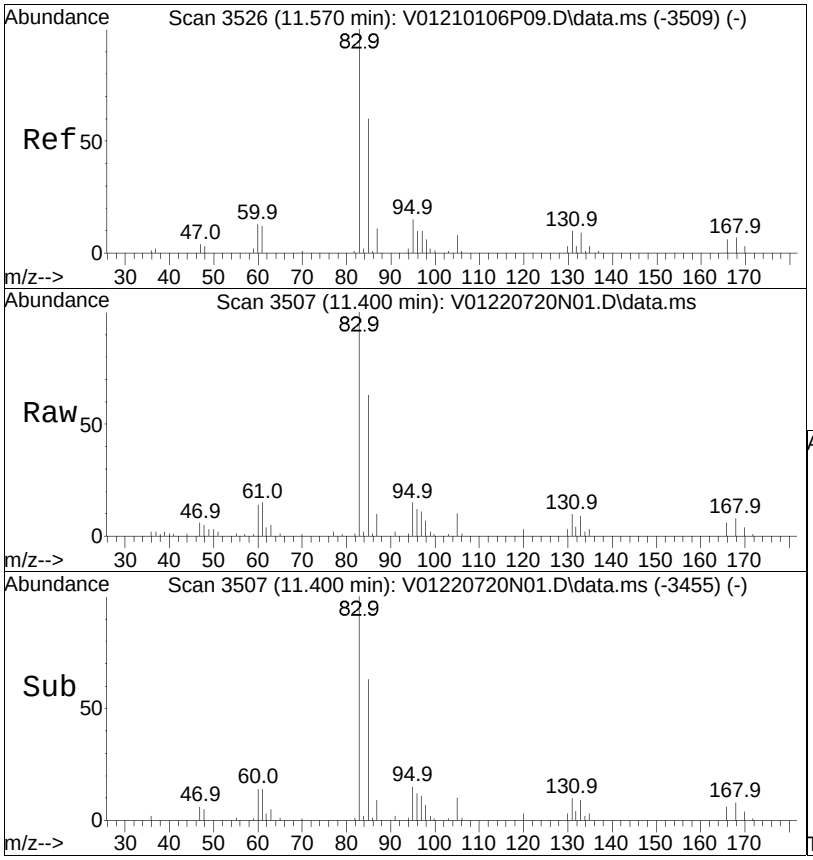


#85
n-Propylbenzene
Concen: 9.87 ug/L
RT: 11.316 min Scan# 3477
Delta R.T. -0.003 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion: 91 Resp: 422820

Ion	Ratio	Lower	Upper
91	100		
120	22.8	18.6	28.0

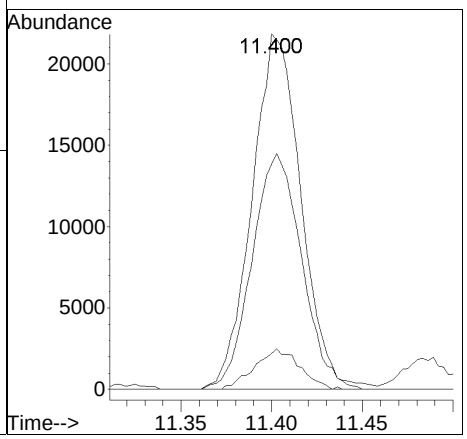


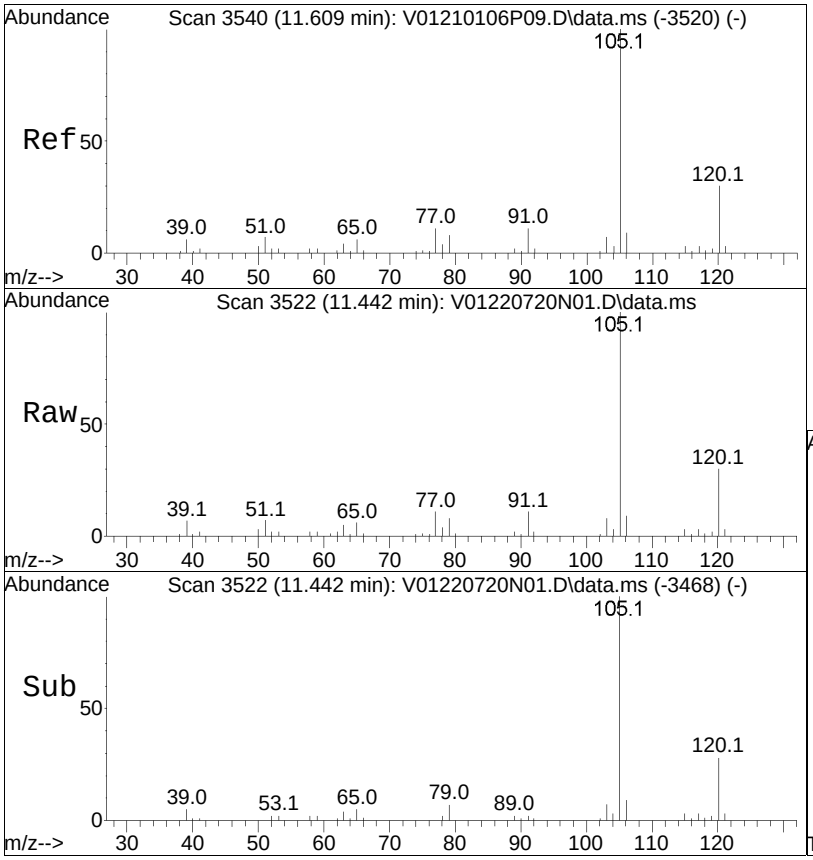


#87
1,1,2,2-Tetrachloroethane
Concen: 9.60 ug/L
RT: 11.400 min Scan# 3507
Delta R.T. -0.006 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion: 83 Resp: 40800

Ion	Ratio	Lower	Upper
83	100		
131	10.6	0.0	30.1
85	68.4	45.8	85.8

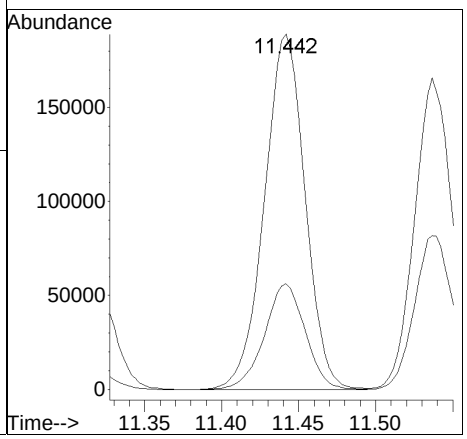


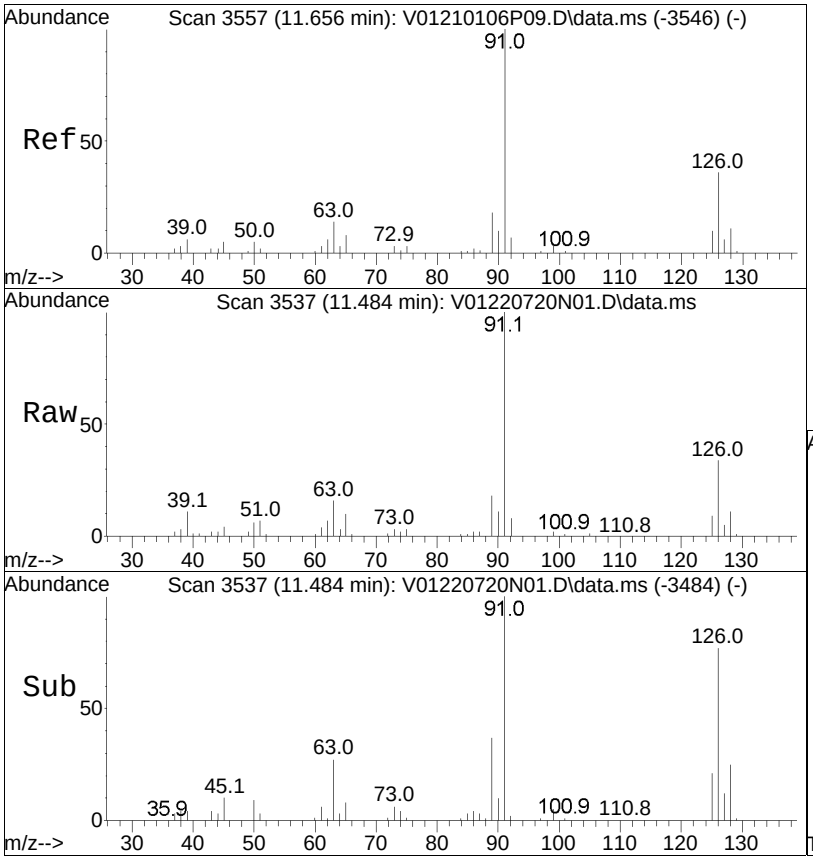


#88
4-Ethyltoluene
Concen: 9.89 ug/L
RT: 11.442 min Scan# 3522
Delta R.T. -0.000 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion:105 Resp: 346540

Ion	Ratio	Lower	Upper
105	100		
120	29.7	19.8	41.0

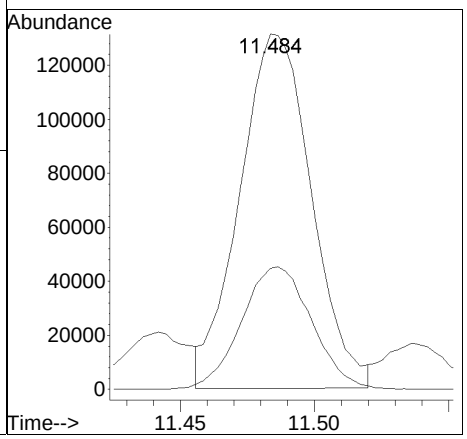


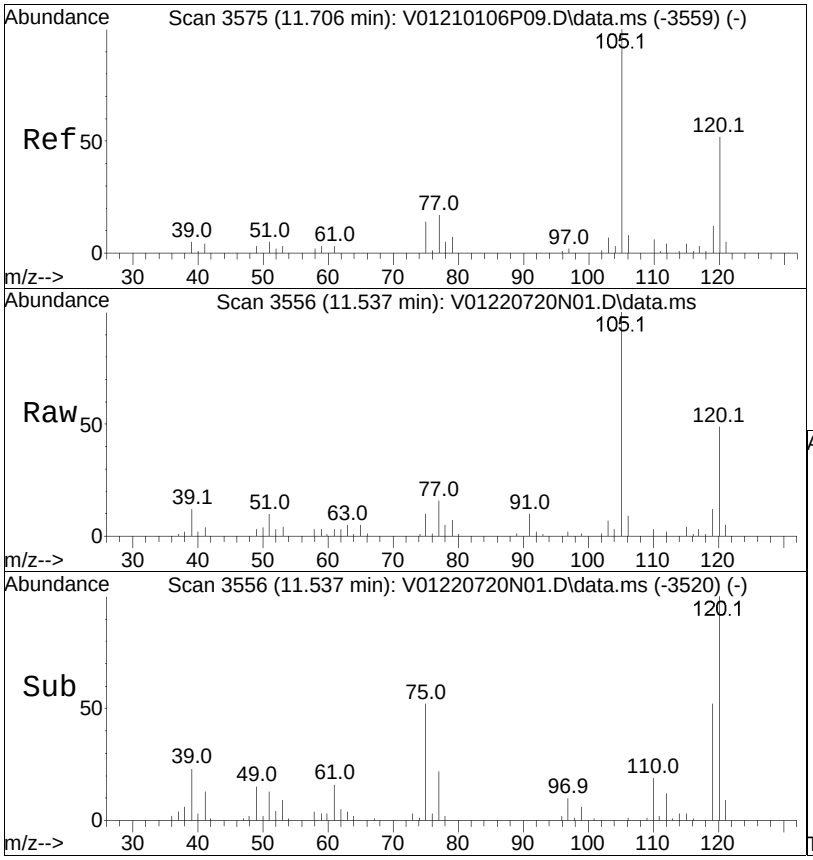


#89
2-Chlorotoluene
Concen: 9.65 ug/L
RT: 11.484 min Scan# 3537
Delta R.T. -0.002 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion: 91 Resp: 244557

Ion	Ratio	Lower	Upper
91	100		
126	34.0	27.1	40.7

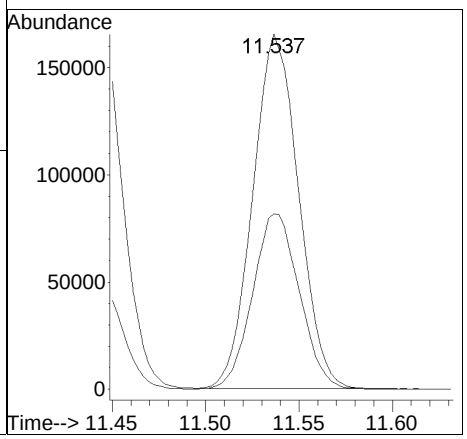


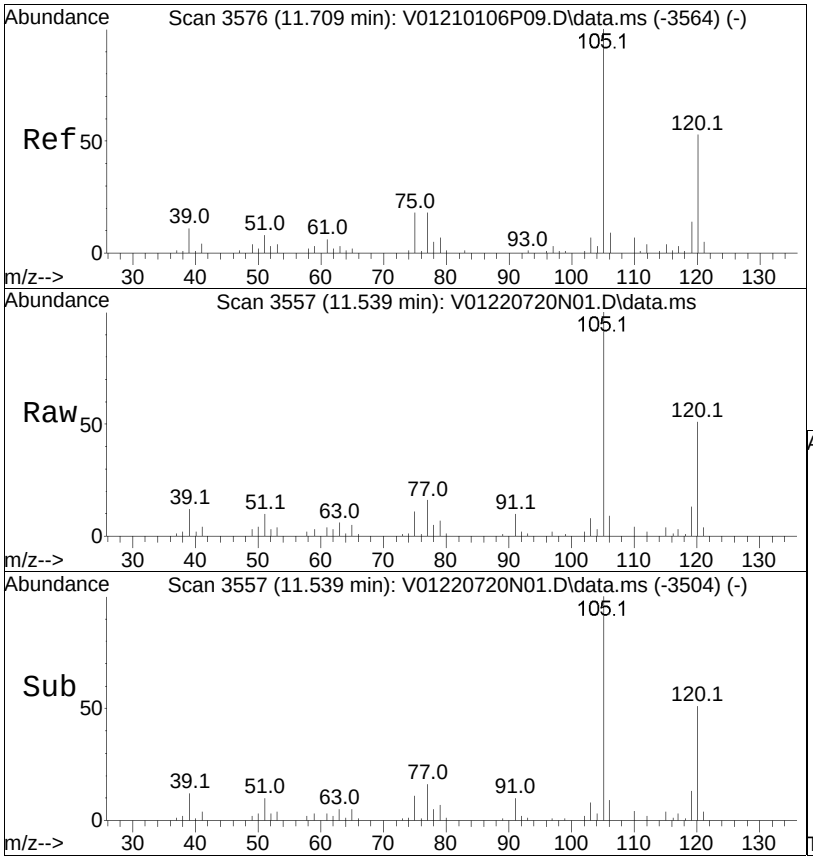


#90
1,3,5-Trimethylbenzene
Concen: 9.68 ug/L
RT: 11.537 min Scan# 3556
Delta R.T. -0.000 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion:105 Resp: 282061

Ion	Ratio	Lower	Upper
105	100		
120	50.7	40.6	60.8

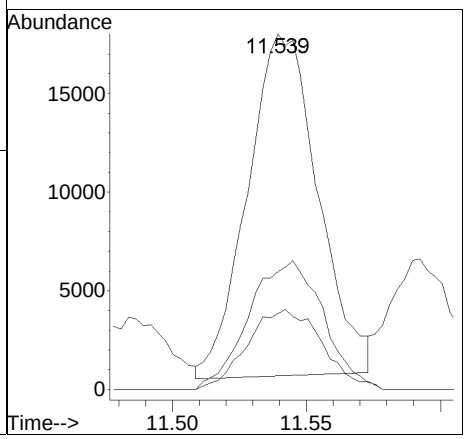


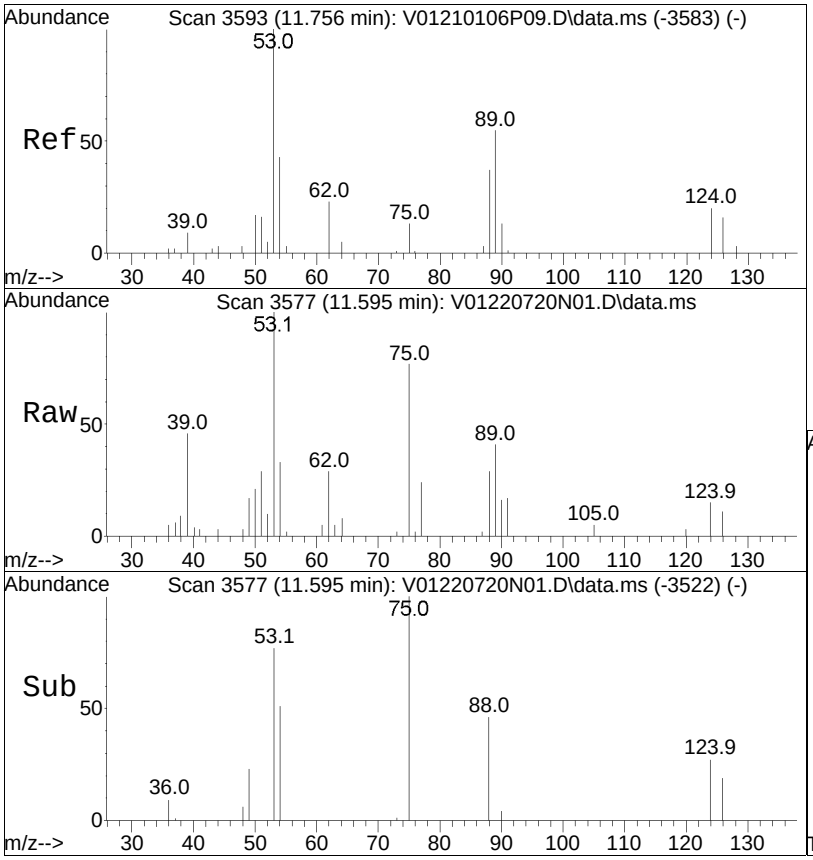


#91
1,2,3-Trichloropropane
Concen: 8.73 ug/L
RT: 11.539 min Scan# 3557
Delta R.T. -0.003 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion: 75 Resp: 31741

Ion	Ratio	Lower	Upper
75	100		
110	39.5	26.5	54.9
112	24.7	17.0	35.2

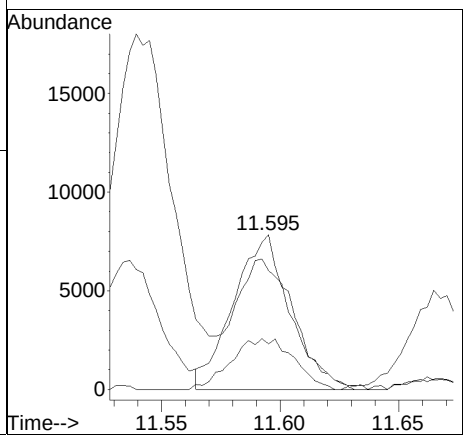


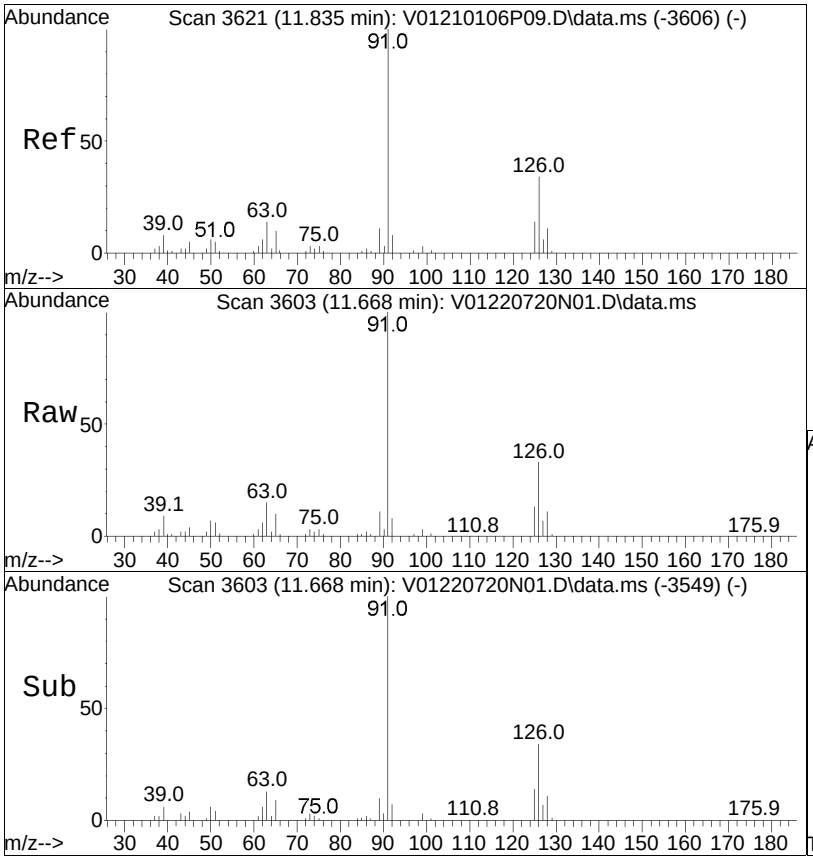


#92
trans-1,4-Dichloro-2-butene
Concen: 8.85 ug/L
RT: 11.595 min Scan# 3577
Delta R.T. 0.003 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion: 53 Resp: 13353

Ion	Ratio	Lower	Upper
53	100		
88	35.3	46.0	69.0#
75	79.3	107.0	160.4#

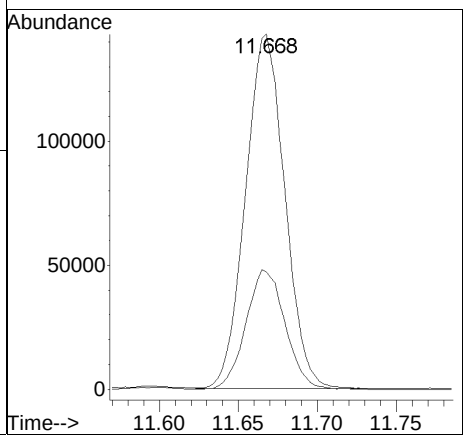


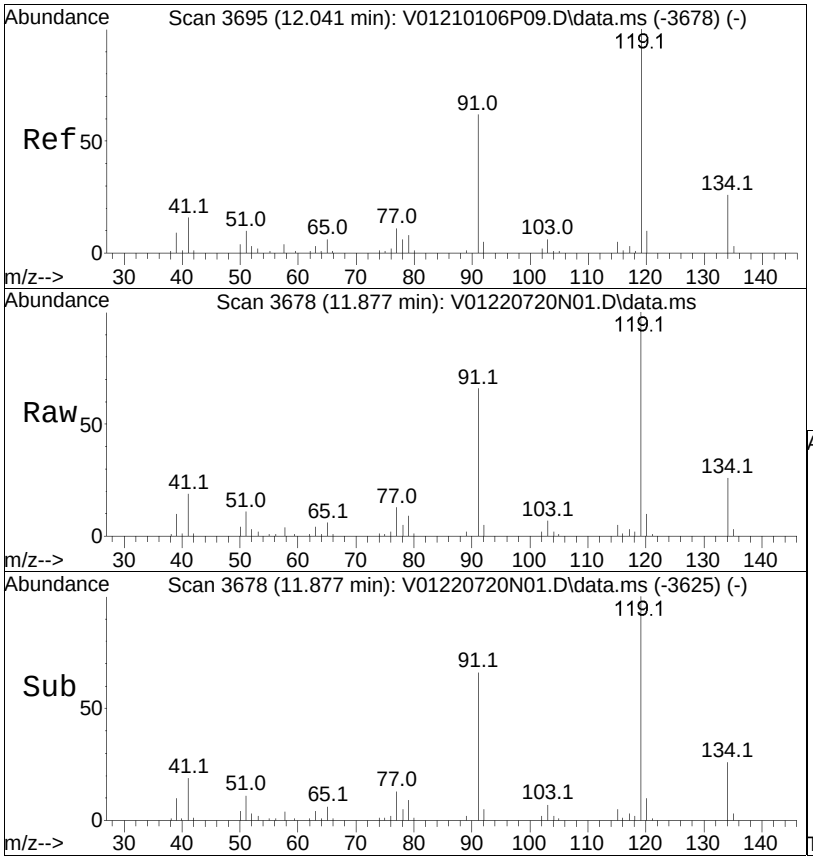


#93
4-Chlorotoluene
Concen: 9.81 ug/L
RT: 11.668 min Scan# 3603
Delta R.T. -0.000 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion: 91 Resp: 246975

Ion	Ratio	Lower	Upper
91	100		
126	33.3	28.2	42.2

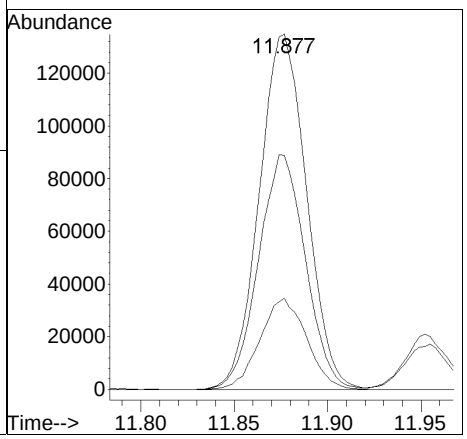


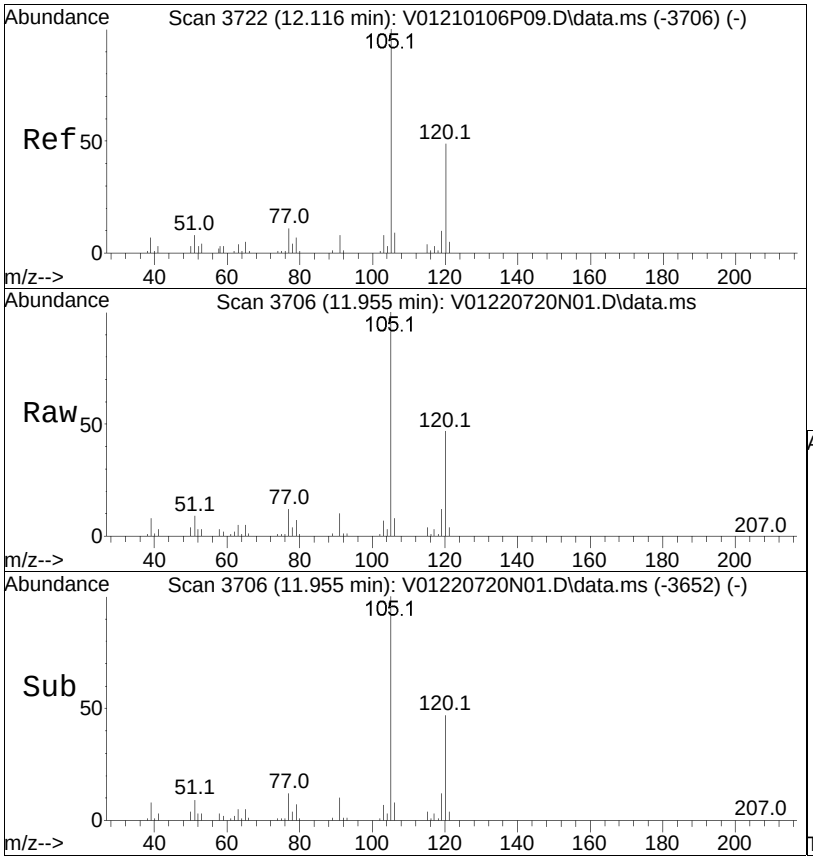


#94
tert-Butylbenzene
Concen: 9.85 ug/L
RT: 11.877 min Scan# 3678
Delta R.T. -0.000 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion:119 Resp: 237818

Ion	Ratio	Lower	Upper
119	100		
91	65.5	52.5	78.7
134	25.2	20.9	31.3

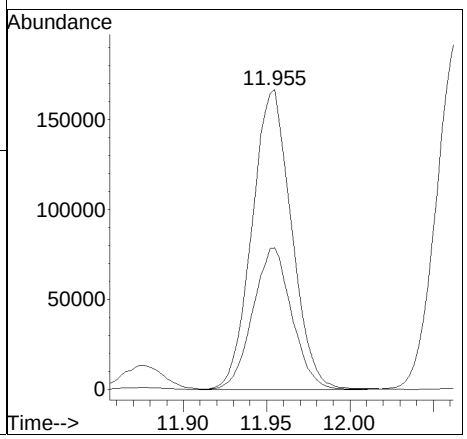


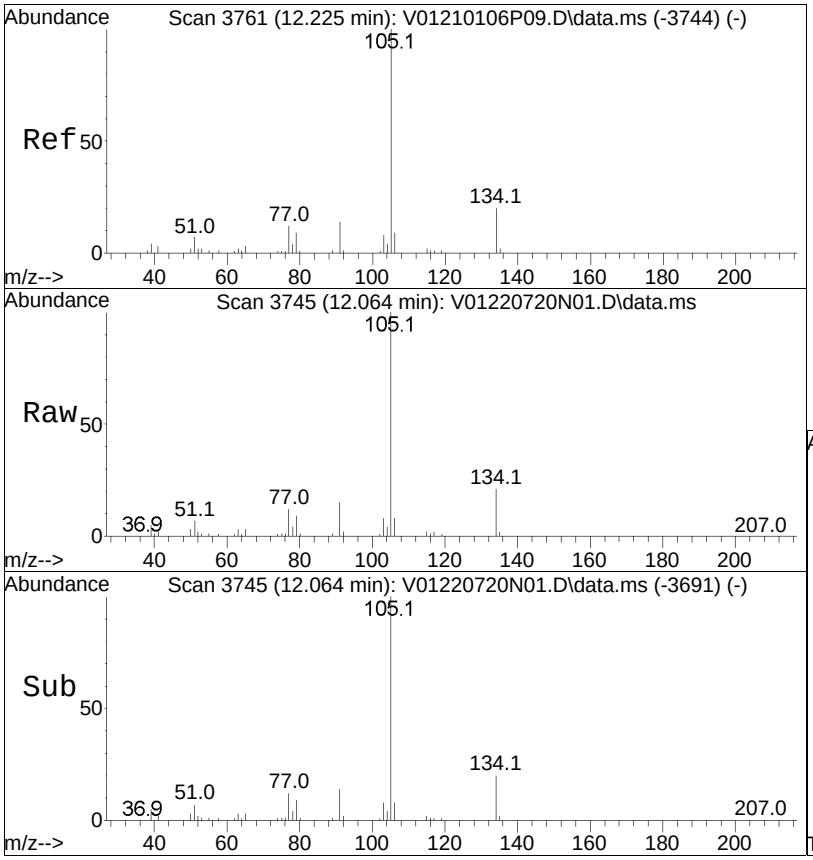


#97
1,2,4-Trimethylbenzene
Concen: 9.90 ug/L
RT: 11.955 min Scan# 3706
Delta R.T. -0.000 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion:105 Resp: 274424

Ion	Ratio	Lower	Upper
105	100		
120	46.6	37.8	56.6

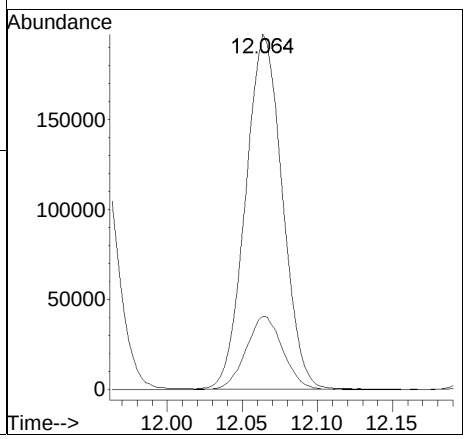


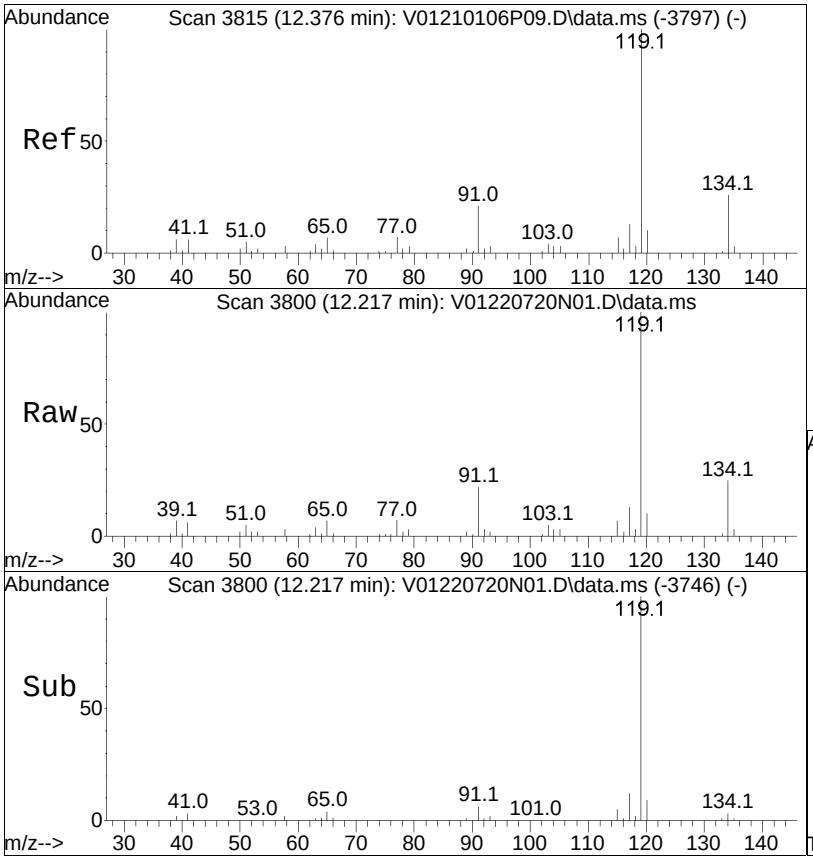


#98
sec-Butylbenzene
Concen: 9.89 ug/L
RT: 12.064 min Scan# 3745
Delta R.T. -0.000 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion:105 Resp: 334962

Ion	Ratio	Lower	Upper
105	100		
134	20.6	14.0	29.0

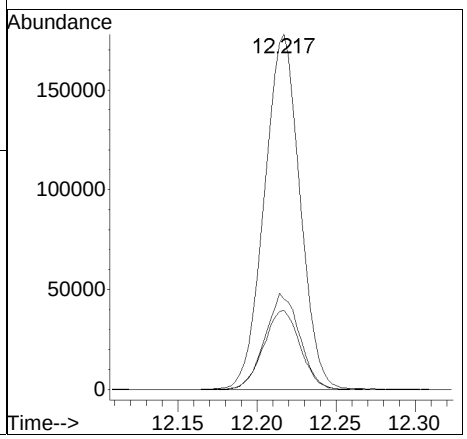


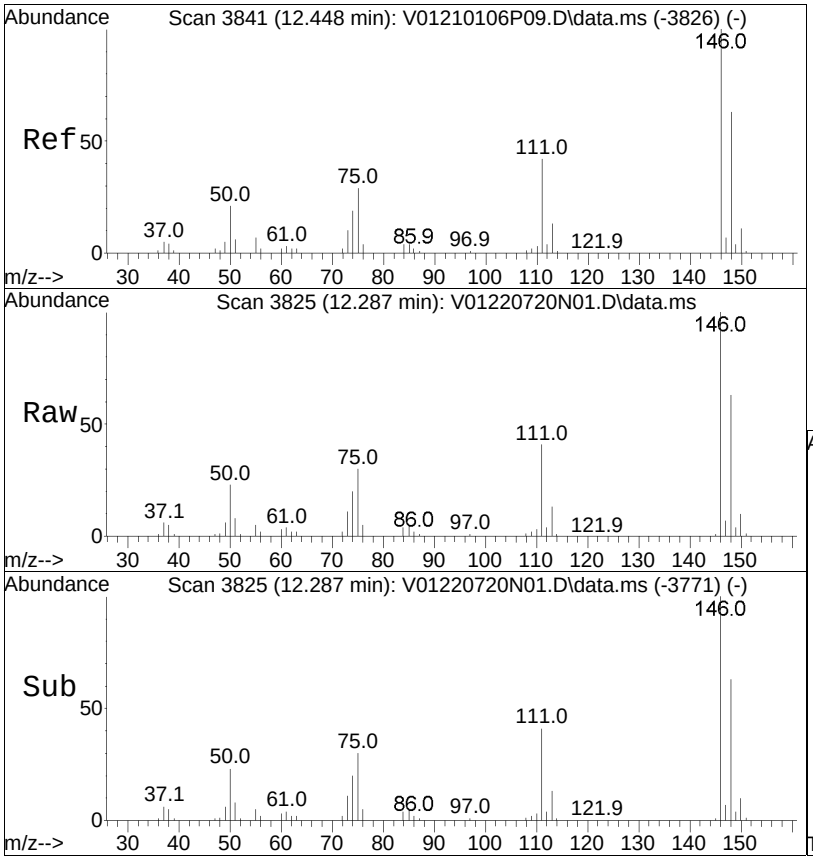


#99
p-Isopropyltoluene
Concen: 9.95 ug/L
RT: 12.217 min Scan# 3800
Delta R.T. -0.000 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion:119 Resp: 278540

Ion	Ratio	Lower	Upper
119	100		
134	26.3	17.7	36.7
91	22.8	15.4	32.0

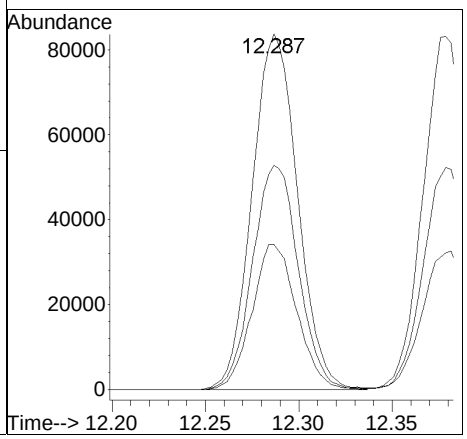


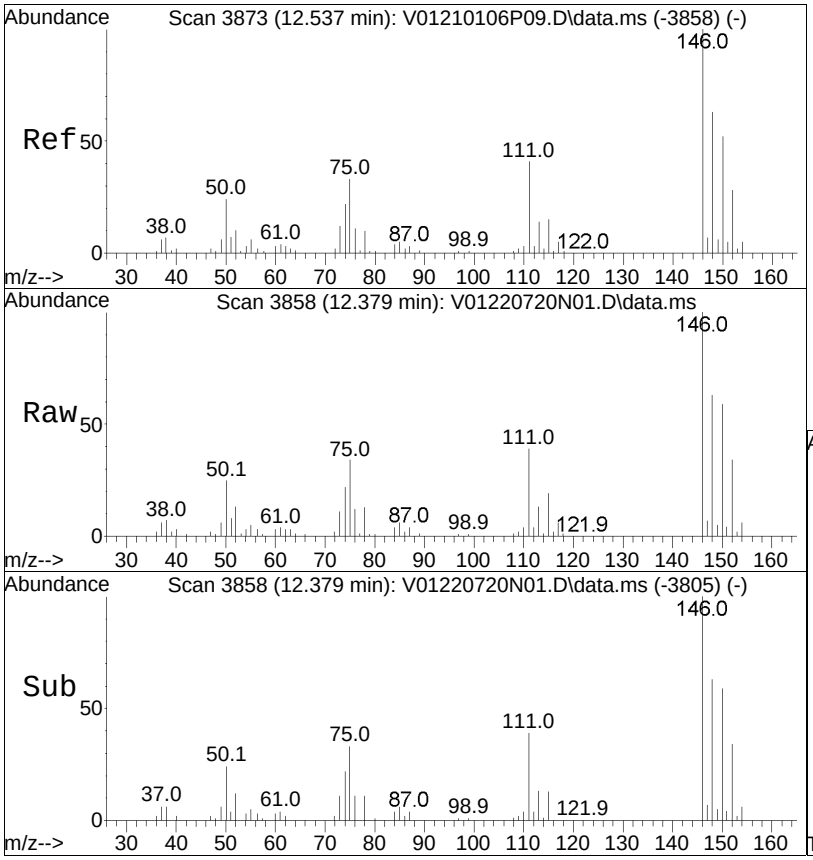


#100
1,3-Dichlorobenzene
Concen: 9.71 ug/L
RT: 12.287 min Scan# 3825
Delta R.T. -0.000 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion:146 Resp: 141794

Ion	Ratio	Lower	Upper
146	100		
111	40.1	25.9	53.9
148	63.5	41.5	86.3

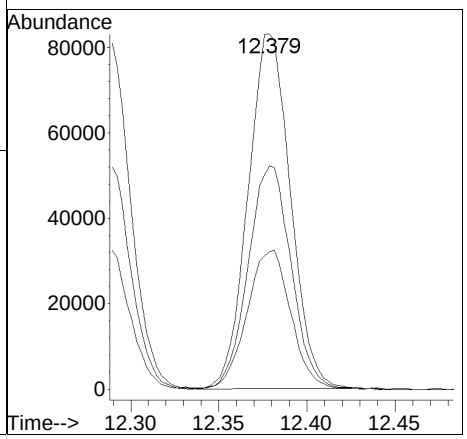


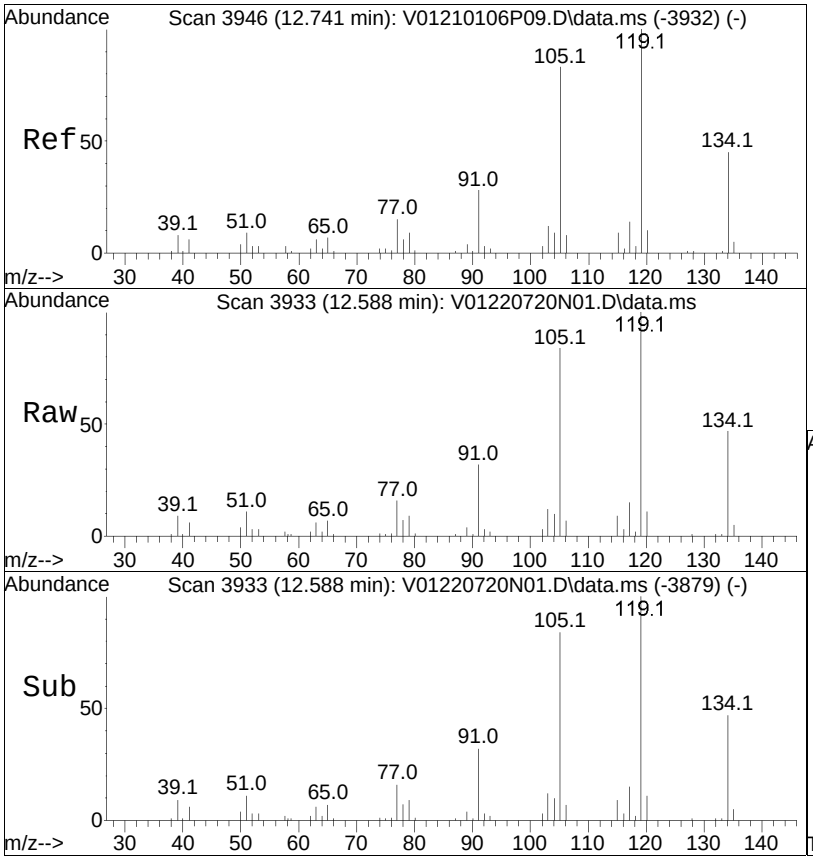


#101
1,4-Dichlorobenzene
Concen: 9.55 ug/L
RT: 12.379 min Scan# 3858
Delta R.T. -0.003 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion:146 Resp: 139242

Ion	Ratio	Lower	Upper
146	100		
111	40.7	31.7	47.5
148	63.5	51.5	77.3

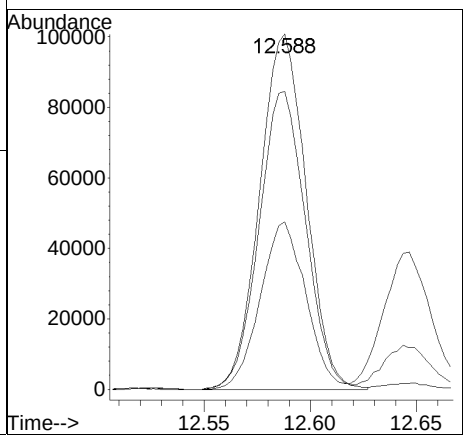


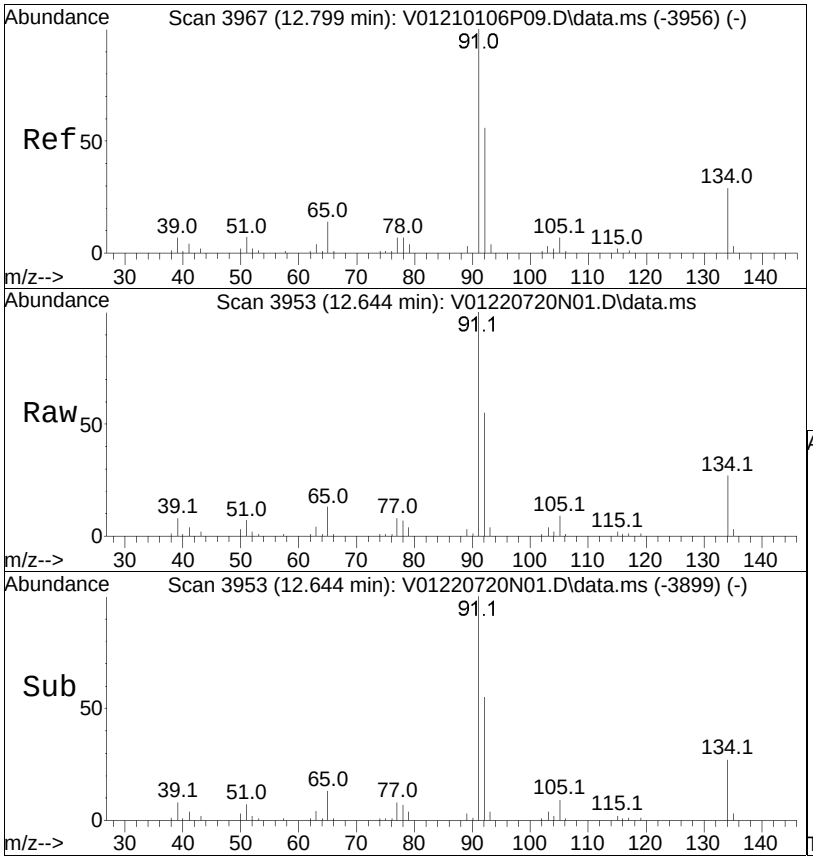


#102
p-Diethylbenzene
Concen: 9.88 ug/L
RT: 12.588 min Scan# 3933
Delta R.T. -0.000 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion:119 Resp: 153599

Ion	Ratio	Lower	Upper
119	100		
105	83.9	54.1	112.3
134	46.3	31.5	65.3

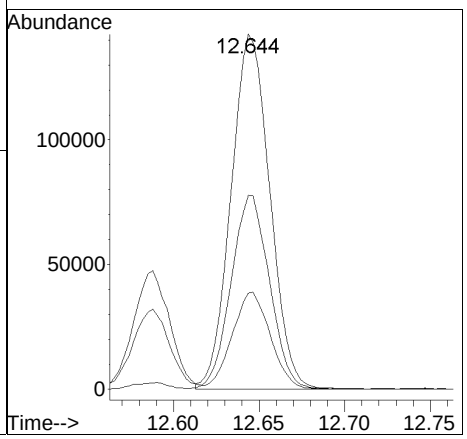


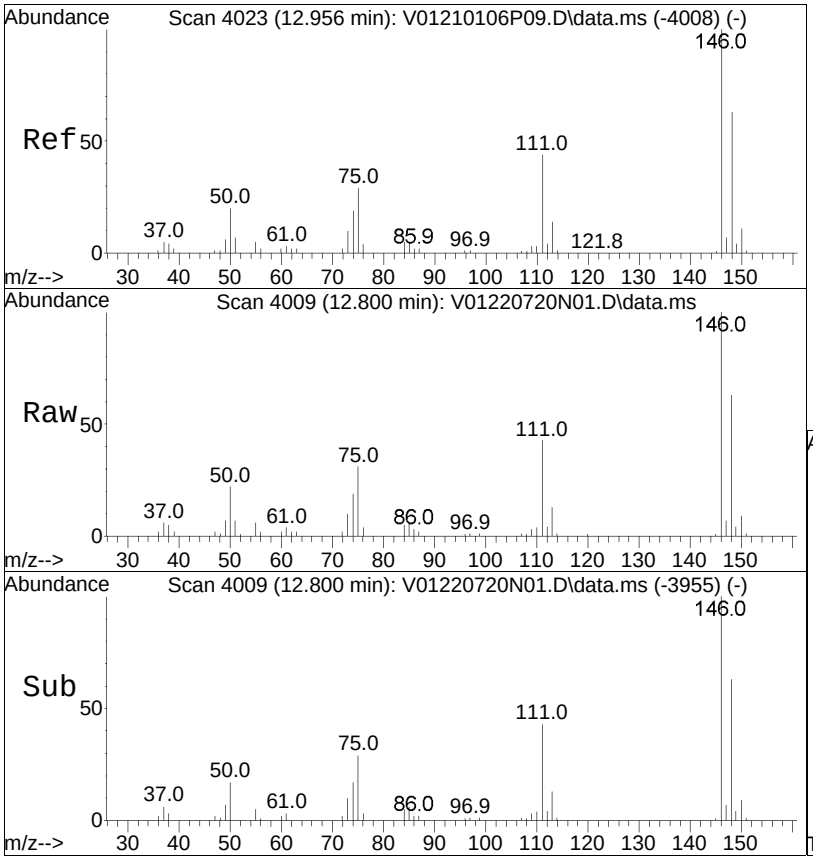


#103
n-Butylbenzene
Concen: 9.95 ug/L
RT: 12.644 min Scan# 3953
Delta R.T. -0.000 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion: 91 Resp: 223994

Ion	Ratio	Lower	Upper
91	100		
92	54.3	43.7	65.5
134	27.0	22.1	33.1

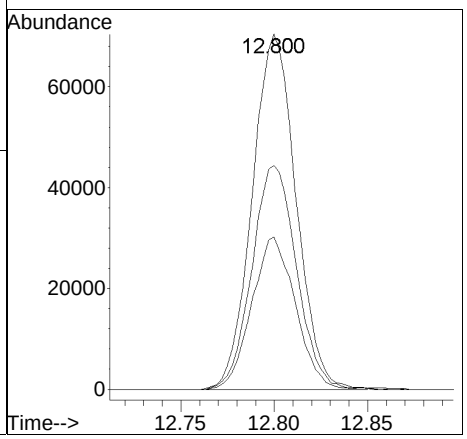


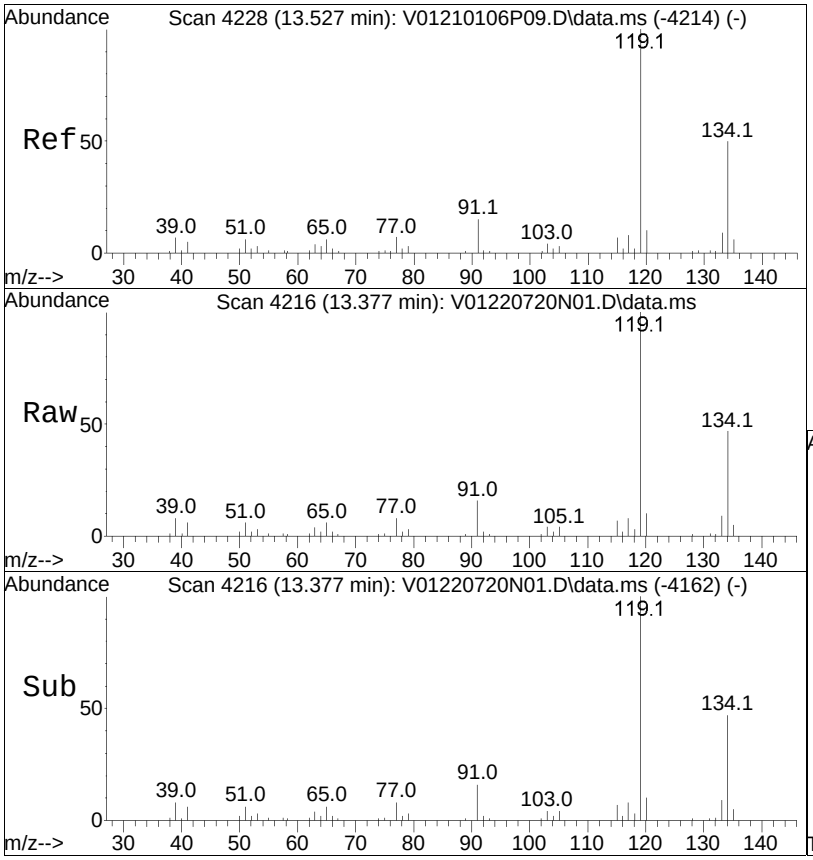


#104
1,2-Dichlorobenzene
Concen: 9.38 ug/L
RT: 12.800 min Scan# 4009
Delta R.T. -0.000 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion:146 Resp: 114986

Ion	Ratio	Lower	Upper
146	100		
111	42.6	26.8	55.8
148	64.1	41.6	86.4

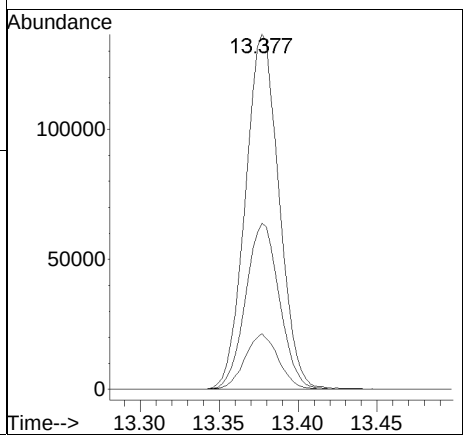


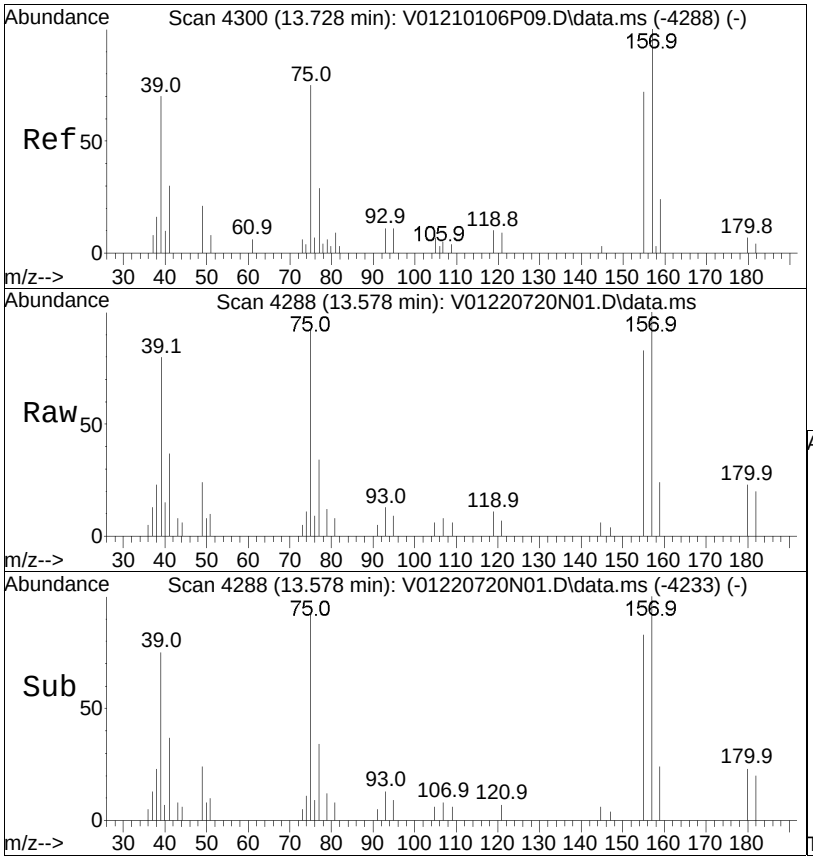


#105
1,2,4,5-Tetramethylbenzene
Concen: 9.76 ug/L
RT: 13.377 min Scan# 4216
Delta R.T. 0.000 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion:119 Resp: 203012

Ion	Ratio	Lower	Upper
119	100		
134	47.1	31.9	66.1
91	15.5	10.3	21.5

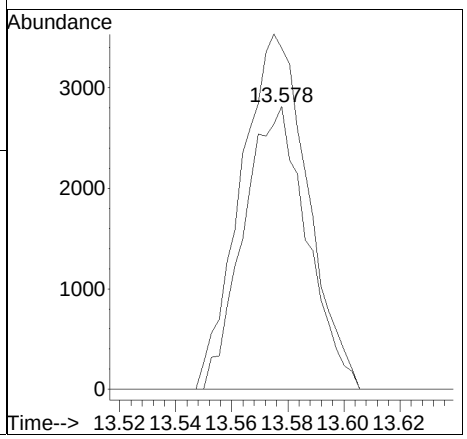


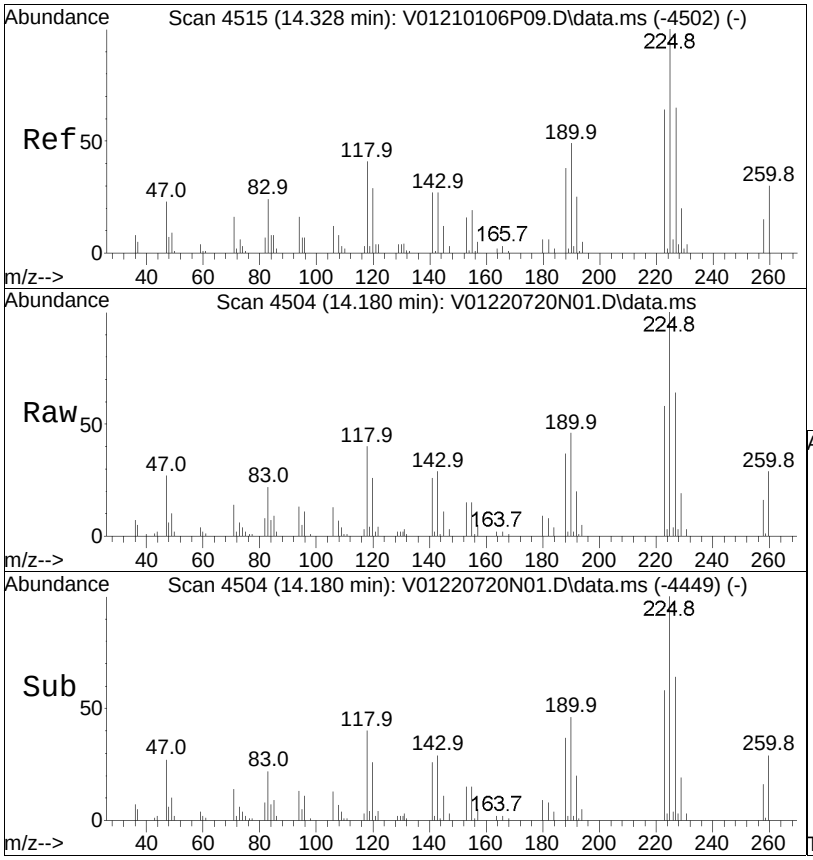


#106
1,2-Dibromo-3-chloropropane
Concen: 8.23 ug/L
RT: 13.578 min Scan# 4288
Delta R.T. 0.003 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion:155 Resp: 4417

Ion	Ratio	Lower	Upper
155	100		
157	133.1	101.1	151.7

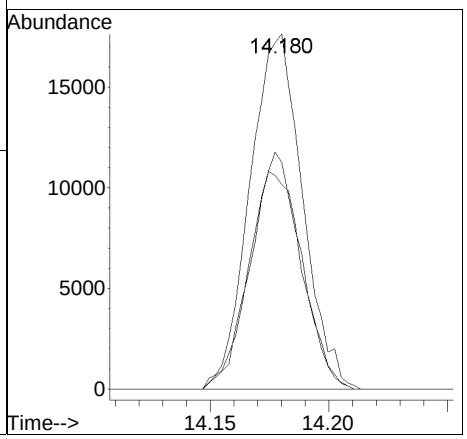


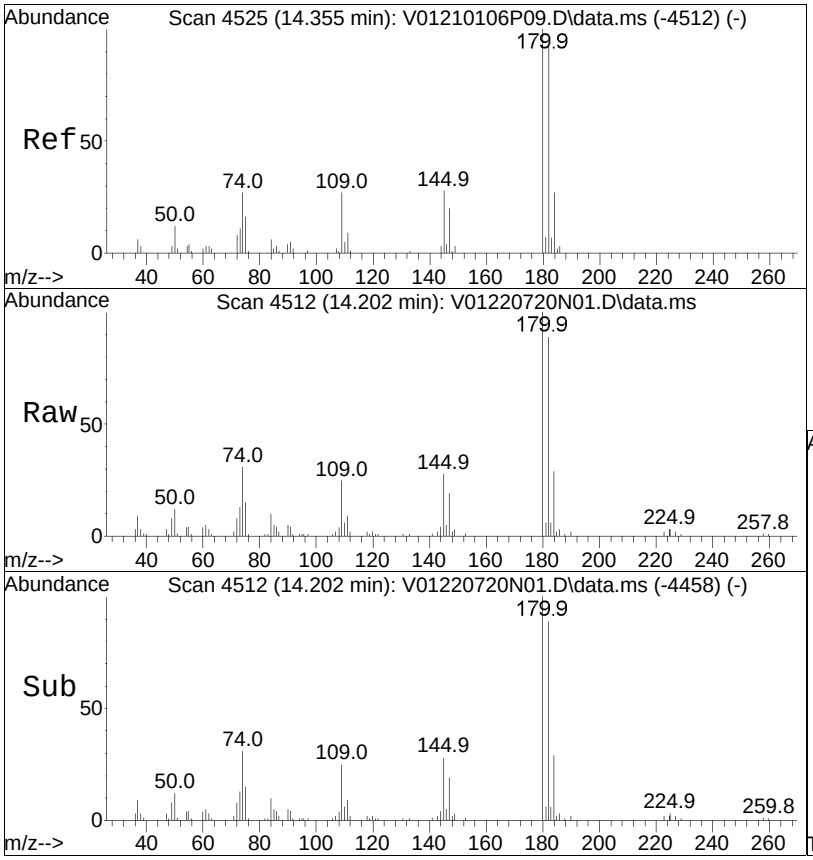


#108
Hexachlorobutadiene
Concen: 9.77 ug/L
RT: 14.180 min Scan# 4504
Delta R.T. 0.002 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion:225 Resp: 27268

Ion	Ratio	Lower	Upper
225	100		
223	62.1	51.0	76.4
227	64.4	52.2	78.4

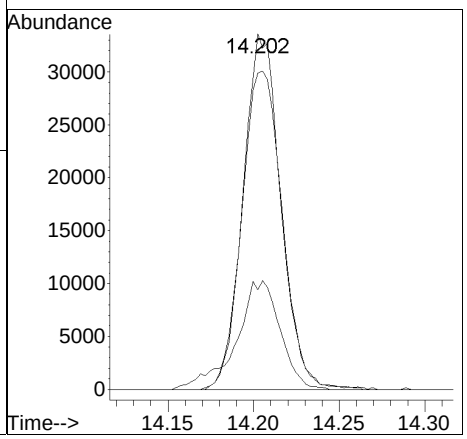


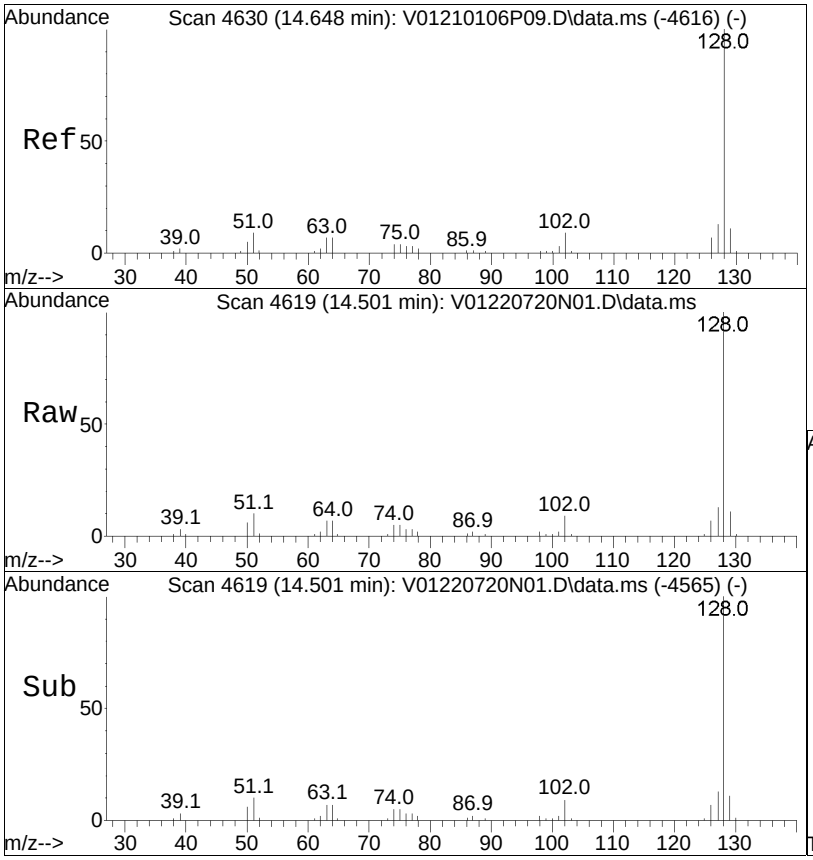


#109
1,2,4-Trichlorobenzene
Concen: 9.13 ug/L
RT: 14.202 min Scan# 4512
Delta R.T. -0.001 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion:180 Resp: 51817

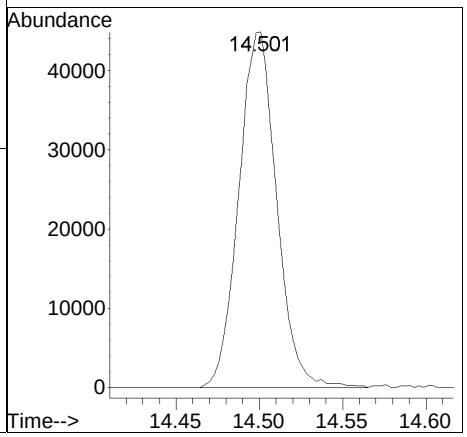
Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.8	113.8
145	35.4	26.1	39.1

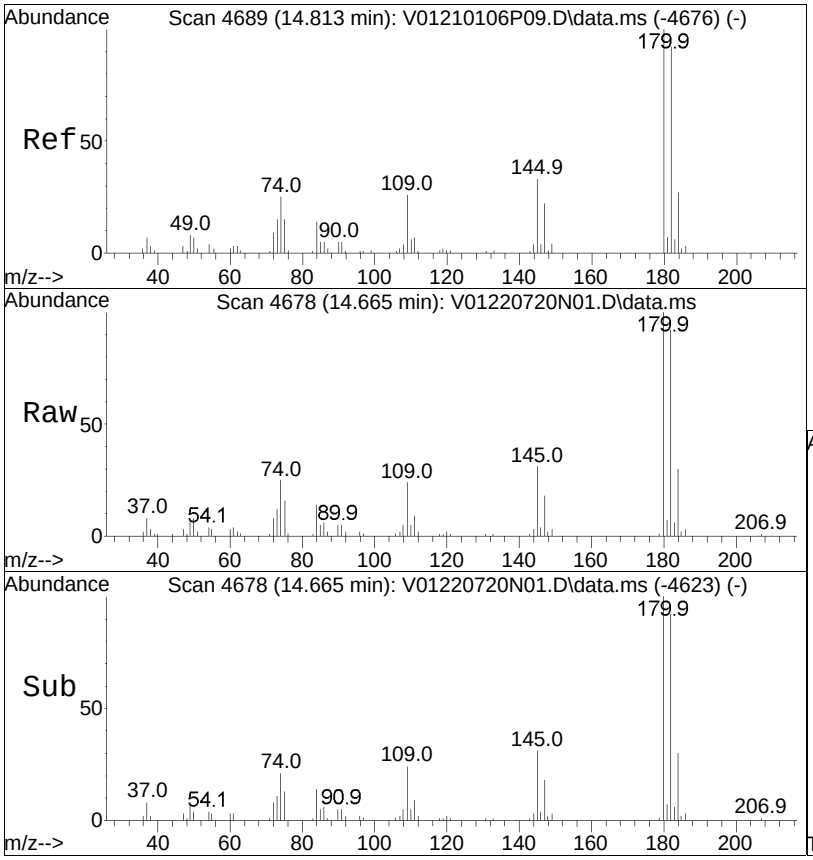




#110
Naphthalene
Concen: 8.36 ug/L
RT: 14.501 min Scan# 4619
Delta R.T. 0.003 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion:128 Resp: 70799

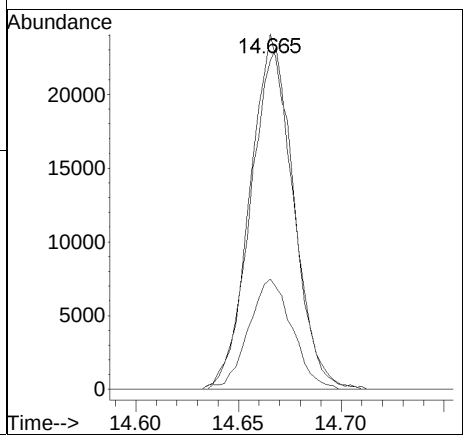




#111
1,2,3-Trichlorobenzene
Concen: 8.65 ug/L
RT: 14.665 min Scan# 4678
Delta R.T. 0.002 min
Lab File: V01220720N01.D
Acq: 20 Jul 2022 4:42 pm

Tgt Ion:180 Resp: 35170

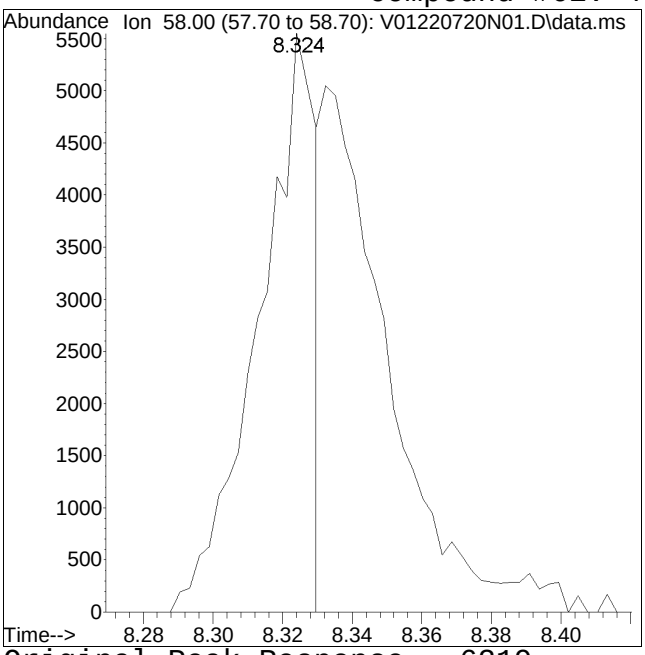
Ion	Ratio	Lower	Upper
180	100		
182	97.2	75.4	113.0
145	31.4	25.0	37.6

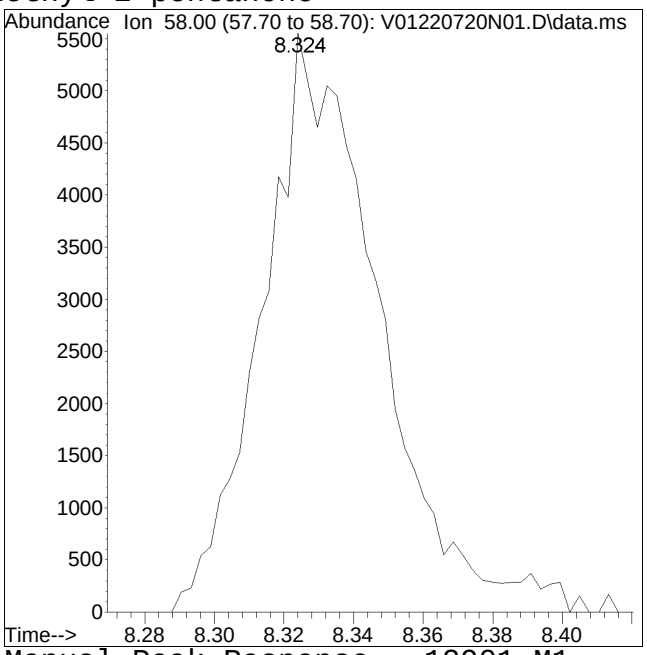


Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2022\2QMethod : V101_220719N_8260.m
Data File : V01220720N01.D Operator : VOA101:TMS
Date Inj'd : 7/20/2022 4:42 pm Instrument : VOA 101
Sample : WG1665617-3,31,10,10 Quant Date : 7/20/2022 5:20 pm

Compound #62: 4-Methyl-2-pentanone





Original Peak Response = 6219 Manual Peak Response = 12901 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N02.D
Acq On : 20 Jul 2022 5:05 pm
Operator : VOA101:TMS
Sample : WG1665617-4,31,10,10
Misc : WG1665617,ICAL19192
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 20 17:25:06 2022
Quant Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 11:23:17 2022
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2022\220720N\V01220720N01.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.152	96	312200	10.000	ug/L	0.00
Standard Area 1 = 326687			Recovery = 95.57%			
59) Chlorobenzene-d5	9.693	117	245887	10.000	ug/L	0.00
Standard Area 1 = 256877			Recovery = 95.72%			
79) 1,4-Dichlorobenzene-d4	12.362	152	118033	10.000	ug/L	0.00
Standard Area 1 = 124607			Recovery = 94.72%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.340	113	78508	9.958	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.58%			
43) 1,2-Dichloroethane-d4	5.864	65	76076	9.983	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.83%			
60) Toluene-d8	7.844	98	315744	10.010	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.10%			
83) 4-Bromofluorobenzene	11.168	95	113450	10.114	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.14%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.726	85	89873	10.324	ug/L	99
3) Chloromethane	1.913	50	137384	9.853	ug/L	99
4) Vinyl chloride	1.997	62	108297	10.661	ug/L	98
5) Bromomethane	2.317	94	52957	13.146	ug/L	99
6) Chloroethane	2.440	64	63035	10.838	ug/L	95
7) Trichlorofluoromethane	2.582	101	123305	10.321	ug/L	99
8) Ethyl ether	2.883	74	27169	10.593	ug/L #	68
10) 1,1-Dichloroethene	3.084	96	70426	10.386	ug/L	83
11) Carbon disulfide	3.115	76	191227	10.348	ug/L	99
15) Methylene chloride	3.642	84	72316	10.305	ug/L #	71
17) Acetone	3.678	43	14237	9.093	ug/L	99
18) trans-1,2-Dichloroethene	3.795	96	77091	10.438	ug/L	86
20) Methyl tert-butyl ether	3.885	73	121366	10.343	ug/L #	87
23) 1,1-Dichloroethane	4.378	63	169606	10.444	ug/L	96
25) Acrylonitrile	4.423	53	13009	9.501	ug/L #	90
27) Vinyl acetate	4.607	43	129658	10.422	ug/L #	94
28) cis-1,2-Dichloroethene	4.900	96	82144	10.417	ug/L #	84
29) 2,2-Dichloropropane	5.003	77	112579	11.536	ug/L	86
30) Bromochloromethane	5.089	128	31048	11.133	ug/L #	73
32) Chloroform	5.162	83	133712	10.284	ug/L	94

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N02.D
Acq On : 20 Jul 2022 5:05 pm
Operator : VOA101:TMS
Sample : WG1665617-4,31,10,10
Misc : WG1665617,ICAL19192
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 20 17:25:06 2022
Quant Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 11:23:17 2022
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2022\220720N\V01220720N01.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
34) Carbon tetrachloride	5.301	117	113126	10.306	ug/L		98
37) 1,1,1-Trichloroethane	5.365	97	119901	10.381	ug/L		96
39) 2-Butanone	5.455	43	16636	9.883	ug/L	#	59
40) 1,1-Dichloropropene	5.488	75	109424	10.397	ug/L		99
41) Benzene	5.731	78	315563	10.454	ug/L	#	91
44) 1,2-Dichloroethane	5.934	62	86095	10.495	ug/L		95
48) Trichloroethene	6.327	95	80001	10.137	ug/L		98
50) Dibromomethane	6.771	93	30384	10.283	ug/L		99
51) 1,2-Dichloropropane	6.877	63	87478	10.260	ug/L		95
54) Bromodichloromethane	6.944	83	89577	10.267	ug/L		98
57) 1,4-Dioxane	7.156	88	13025M3	529.942	ug/L		
58) cis-1,3-Dichloropropene	7.632	75	100915	10.115	ug/L	#	89
61) Toluene	7.900	92	199519	10.339	ug/L		100
62) 4-Methyl-2-pentanone	8.330	58	13010	9.239	ug/L		89
63) Tetrachloroethene	8.355	166	86412	10.241	ug/L		99
65) trans-1,3-Dichloropropene	8.383	75	74766	10.060	ug/L		90
68) 1,1,2-Trichloroethane	8.575	83	36242	10.377	ug/L		97
69) Chlorodibromomethane	8.784	129	54496	10.250	ug/L		99
70) 1,3-Dichloropropane	8.890	76	78699	10.429	ug/L		99
71) 1,2-Dibromoethane	9.066	107	39404	10.350	ug/L		100
72) 2-Hexanone	9.342	43	25080	10.138	ug/L	#	90
73) Chlorobenzene	9.713	112	207757	10.283	ug/L		100
74) Ethylbenzene	9.749	91	381356	10.266	ug/L		99
75) 1,1,1,2-Tetrachloroethane	9.794	131	70029	10.323	ug/L		100
76) p/m Xylene	9.933	106	295815	20.869	ug/L		98
77) o Xylene	10.469	106	275908	20.719	ug/L		100
78) Styrene	10.533	104	420214	20.764	ug/L		98
80) Bromoform	10.563	173	26607	10.159	ug/L		98
82) Isopropylbenzene	10.845	105	366779	10.395	ug/L		98
84) Bromobenzene	11.277	156	76886	10.489	ug/L		98
85) n-Propylbenzene	11.319	91	419741	10.342	ug/L		100
87) 1,1,2,2-Tetrachloroethane	11.400	83	42465	10.552	ug/L		98
88) 4-Ethyltoluene	11.442	105	345502	10.414	ug/L		99
89) 2-Chlorotoluene	11.484	91	244863	10.199	ug/L		100
90) 1,3,5-Trimethylbenzene	11.537	105	283182	10.257	ug/L		100
91) 1,2,3-Trichloropropane	11.542	75	31748	9.221	ug/L		99
92) trans-1,4-Dichloro-2-b...	11.592	53	13888	9.718	ug/L	#	61
93) 4-Chlorotoluene	11.665	91	247180	10.362	ug/L		98
94) tert-Butylbenzene	11.877	119	238020	10.406	ug/L		99

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N02.D
Acq On : 20 Jul 2022 5:05 pm
Operator : VOA101:TMS
Sample : WG1665617-4,31,10,10
Misc : WG1665617,ICAL19192
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 20 17:25:06 2022
Quant Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 11:23:17 2022
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA101\2022\220720N\V01220720N01.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	11.952	105	276433	10.523	ug/L	99
98) sec-Butylbenzene	12.064	105	331328	10.323	ug/L	98
99) p-Isopropyltoluene	12.217	119	277907	10.483	ug/L	98
100) 1,3-Dichlorobenzene	12.287	146	143222	10.359	ug/L	99
101) 1,4-Dichlorobenzene	12.379	146	139345	10.085	ug/L	99
102) p-Diethylbenzene	12.588	119	152402	10.347	ug/L	98
103) n-Butylbenzene	12.646	91	221820	10.398	ug/L	100
104) 1,2-Dichlorobenzene	12.800	146	118347	10.187	ug/L	99
105) 1,2,4,5-Tetramethylben...	13.377	119	204804	10.391	ug/L	98
106) 1,2-Dibromo-3-chloropr...	13.578	155	4888	9.618	ug/L	97
108) Hexachlorobutadiene	14.177	225	28299	10.699	ug/L	98
109) 1,2,4-Trichlorobenzene	14.203	180	54973	10.227	ug/L	98
110) Naphthalene	14.498	128	79936	9.964	ug/L	100
111) 1,2,3-Trichlorobenzene	14.665	180	39651	10.300	ug/L	99

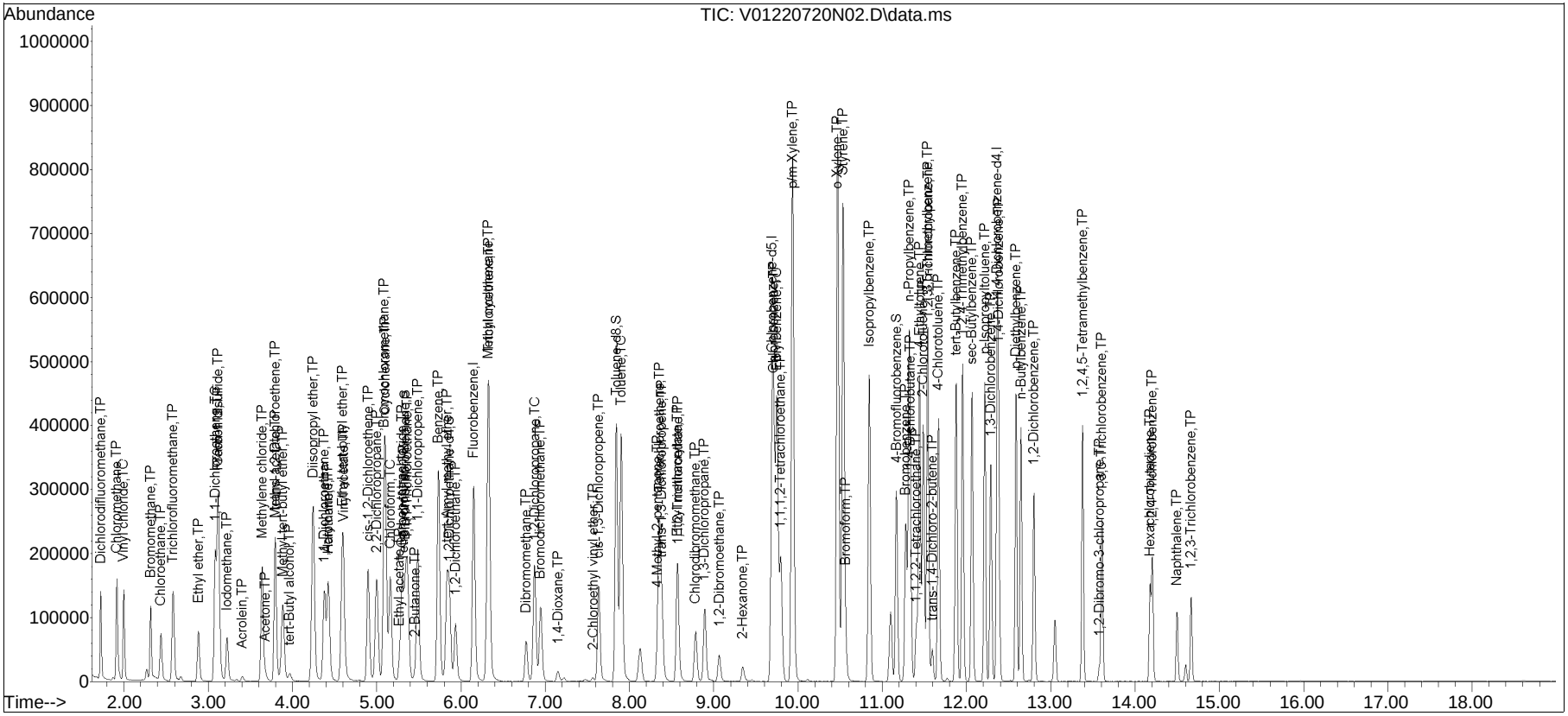
(#) = qualifier out of range (m) = manual integration (+) = signals summed

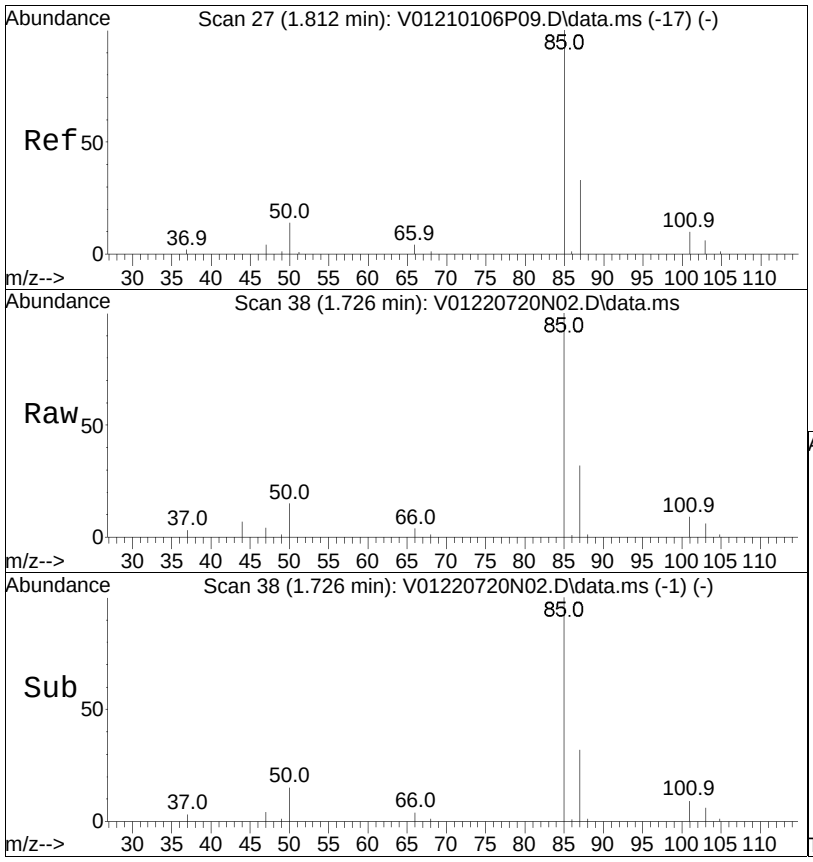
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA101\2022\220720N\
Data File : V01220720N02.D
Acq On : 20 Jul 2022 5:05 pm
Operator : VOA101:TMS
Sample : WG1665617-4,31,10,10
Misc : WG1665617,ICAL19192
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 20 17:25:06 2022
Quant Method : I:\VOLATILES\VOA101\2022\220720N\V101_220719N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 20 11:23:17 2022
Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox20720N\V01220720N01.D•

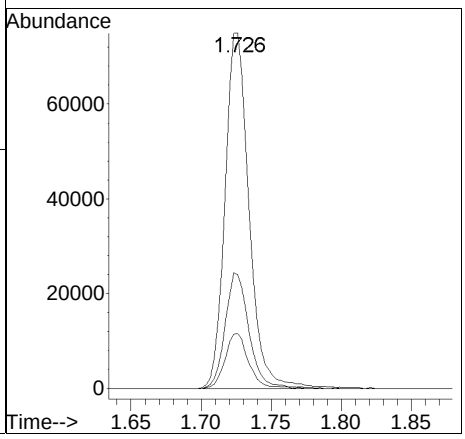


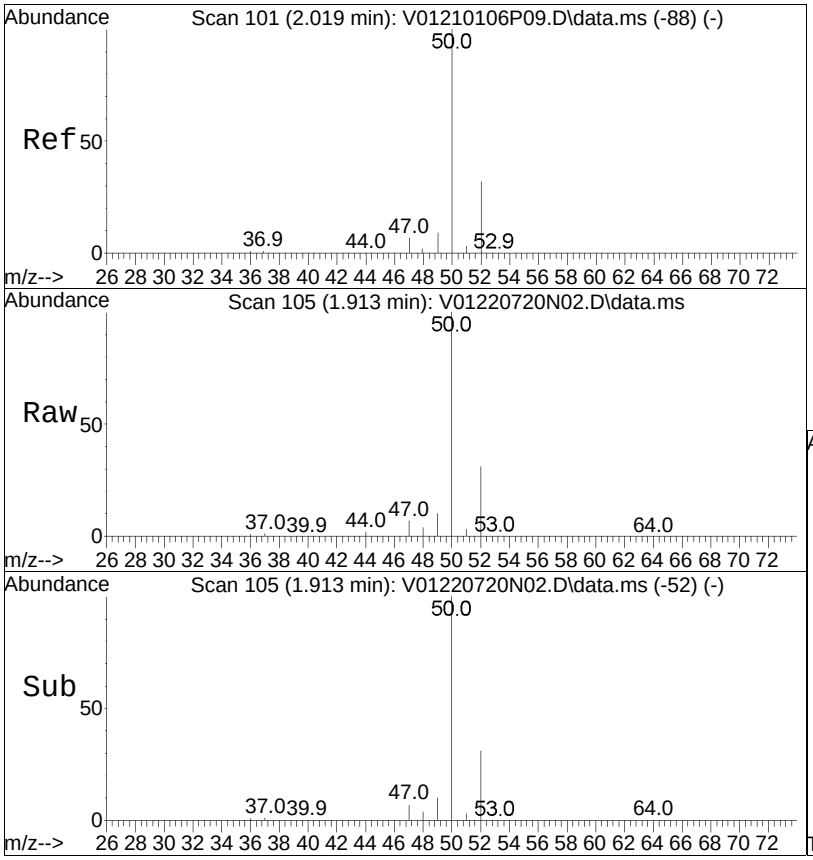


#2
Dichlorodifluoromethane
Concen: 10.32 ug/L
RT: 1.726 min Scan# 38
Delta R.T. 0.003 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion: 85 Resp: 89873

Ion	Ratio	Lower	Upper
85	100		
87	32.1	20.9	43.5
50	15.0	9.1	18.9

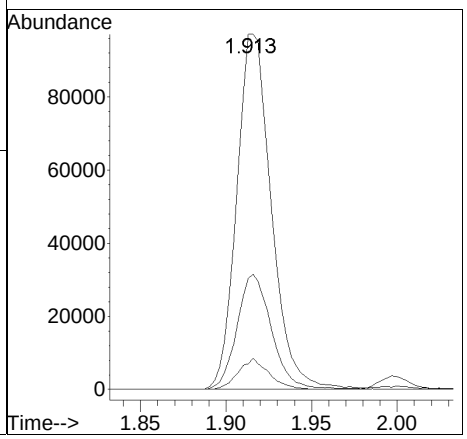


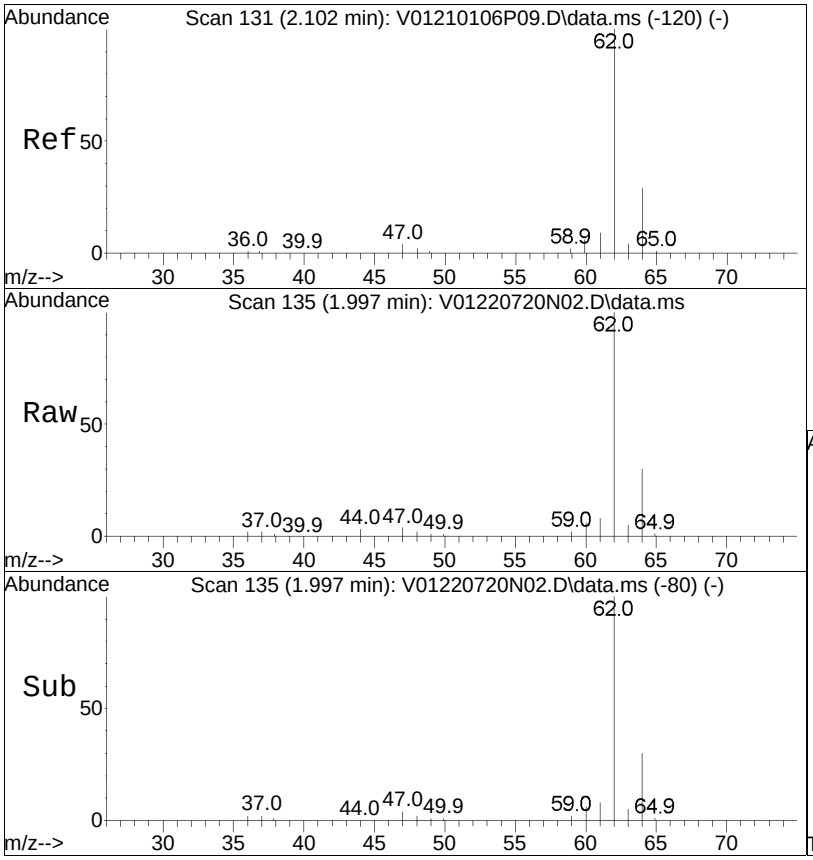


#3
Chloromethane
Concen: 9.85 ug/L
RT: 1.913 min Scan# 105
Delta R.T. 0.000 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion: 50 Resp: 137384

Ion	Ratio	Lower	Upper
50	100		
52	32.2	12.8	52.8
47	7.7	0.0	28.3

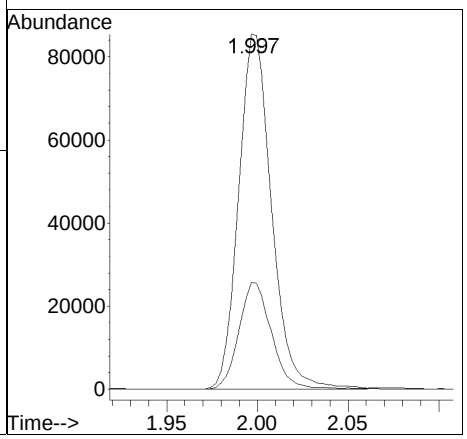


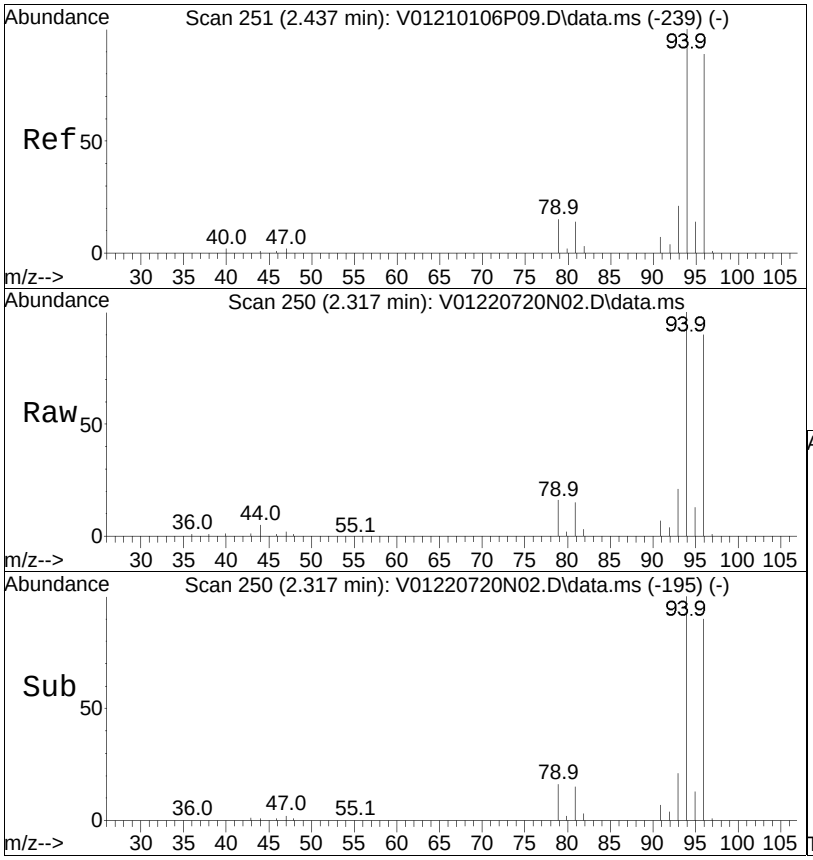


#4
Vinyl chloride
Concen: 10.66 ug/L
RT: 1.997 min Scan# 135
Delta R.T. 0.003 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion: 62 Resp: 108297

Ion	Ratio	Lower	Upper
62	100		
64	29.8	10.8	50.8

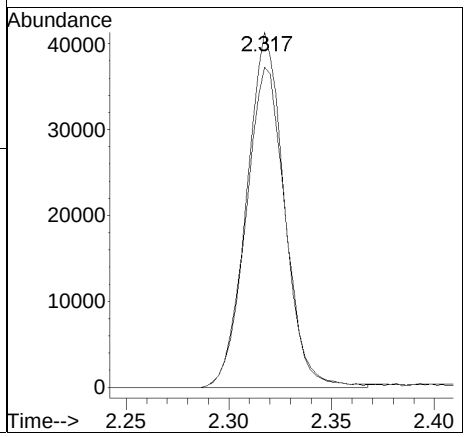


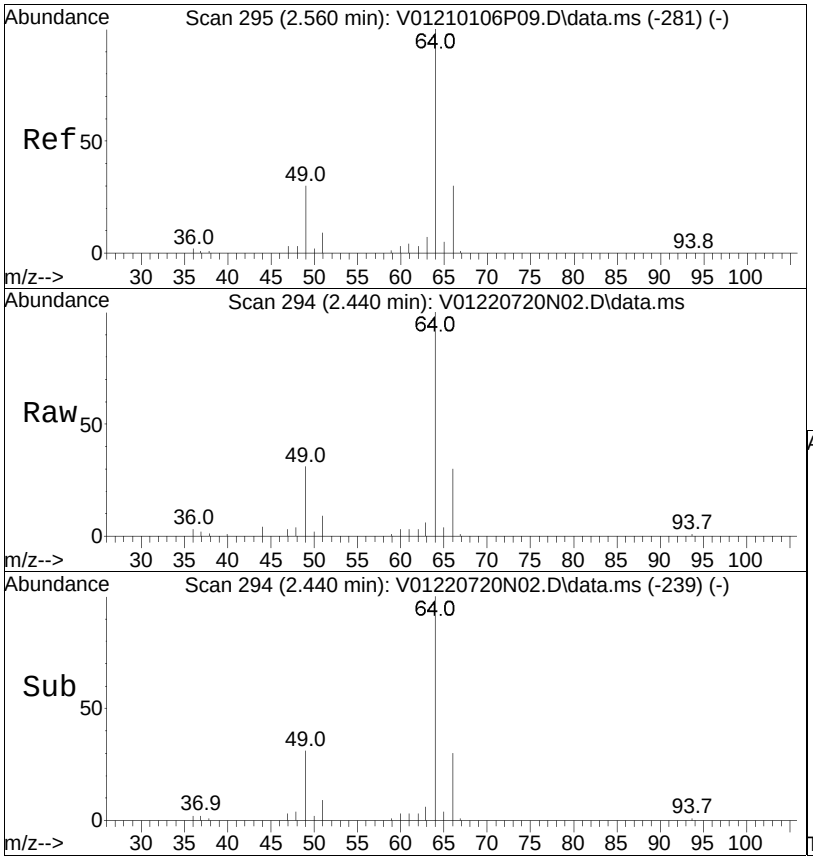


#5
Bromomethane
Concen: 13.15 ug/L
RT: 2.317 min Scan# 250
Delta R.T. 0.002 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion: 94 Resp: 52957

Ion	Ratio	Lower	Upper
94	100		
96	93.1	73.6	113.6

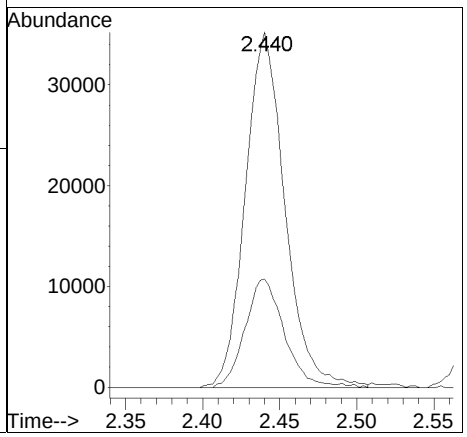


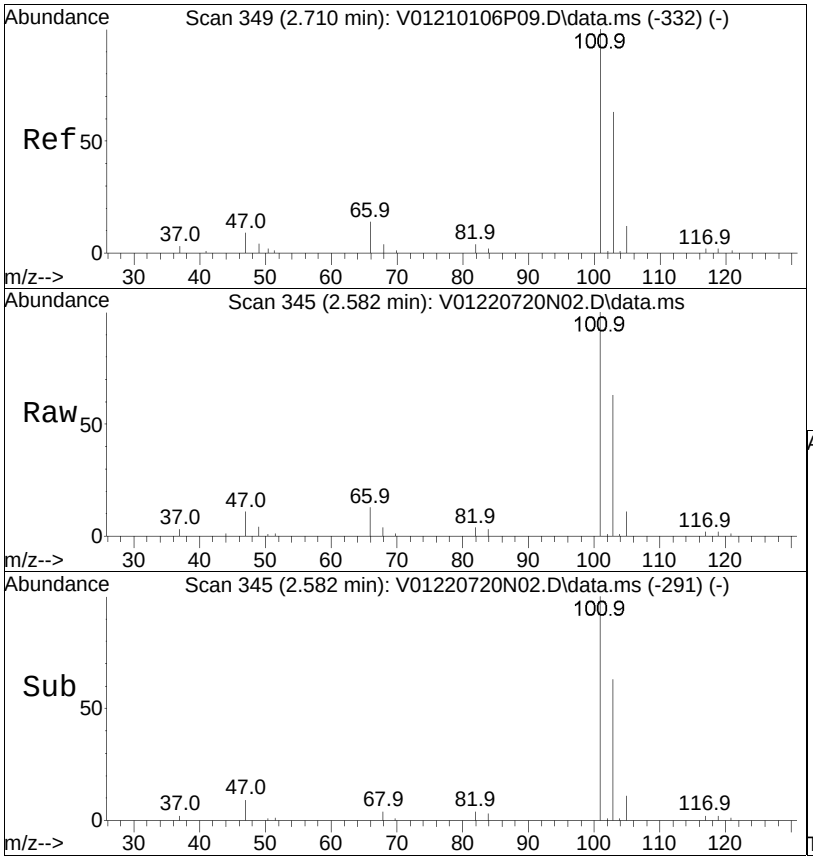


#6
Chloroethane
Concen: 10.84 ug/L
RT: 2.440 min Scan# 294
Delta R.T. 0.003 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion: 64 Resp: 63035

Ion	Ratio	Lower	Upper
64	100		
66	29.9	12.7	52.7

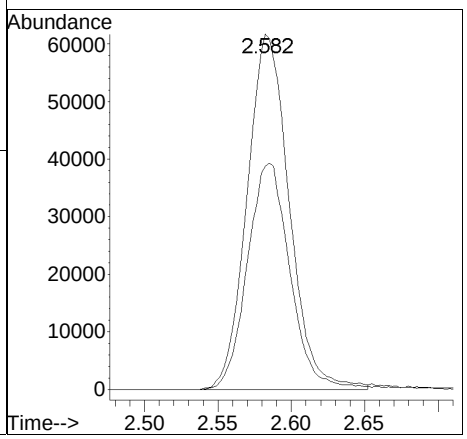


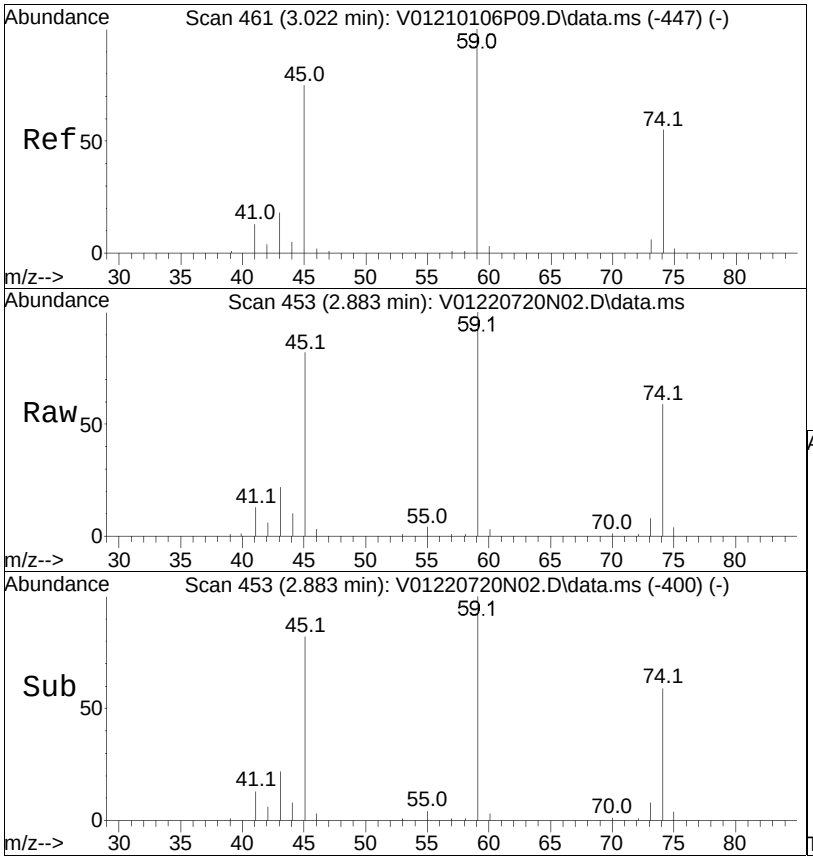


#7
Trichlorofluoromethane
Concen: 10.32 ug/L
RT: 2.582 min Scan# 345
Delta R.T. 0.000 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion:101 Resp: 123305

Ion	Ratio	Lower	Upper
101	100		
103	64.4	52.3	78.5

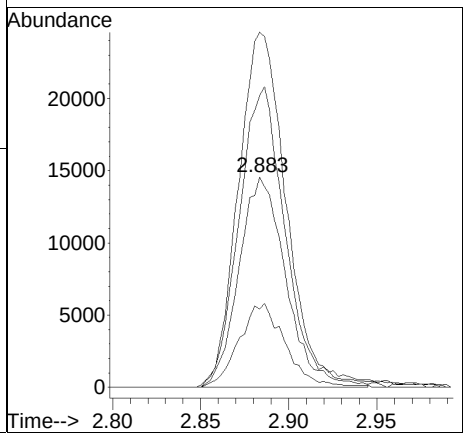


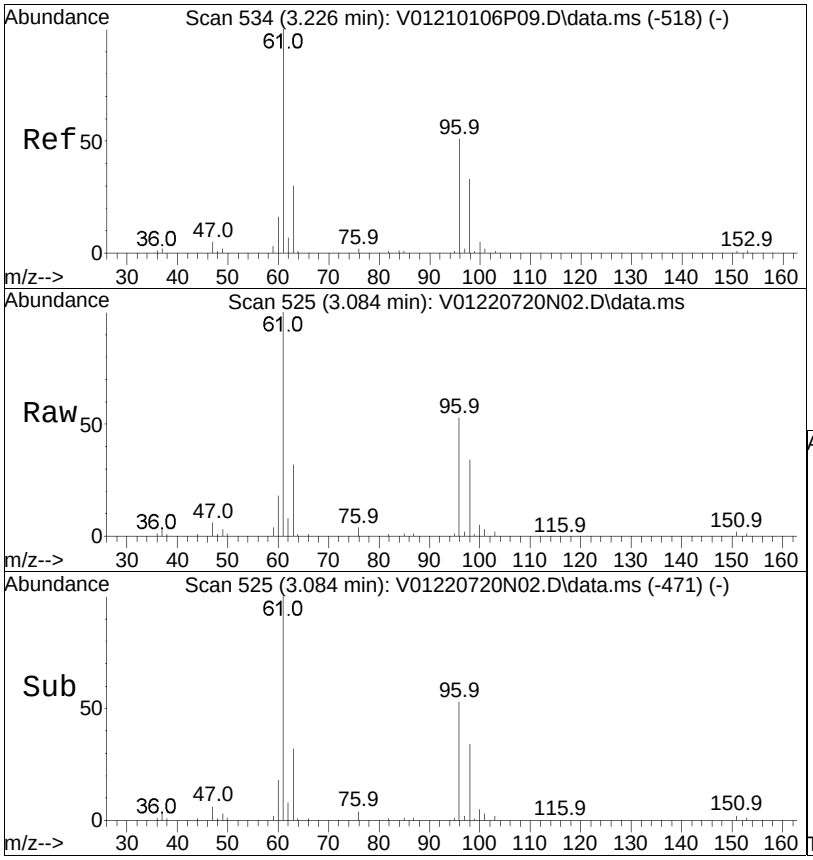


#8
Ethyl ether
Concen: 10.59 ug/L
RT: 2.883 min Scan# 453
Delta R.T. -0.003 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion: 74 Resp: 27169

Ion	Ratio	Lower	Upper
74	100		
59	172.5	88.1	182.9
45	140.9	66.1	137.3#
43	39.1	19.7	40.9

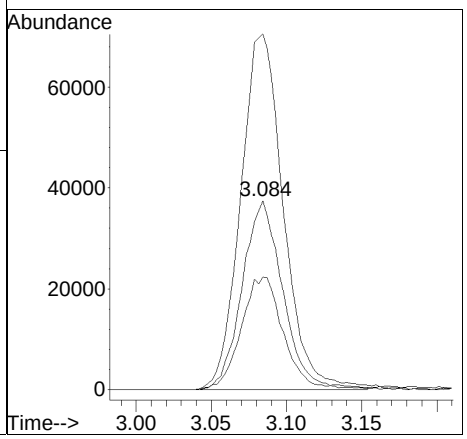


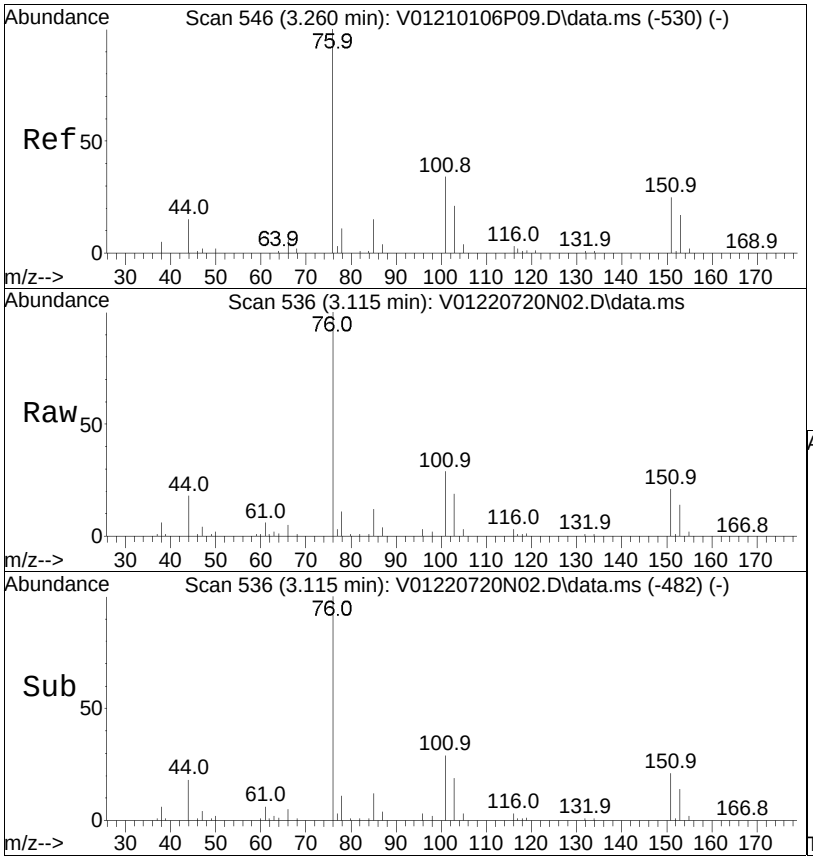


#10
1,1-Dichloroethene
Concen: 10.39 ug/L
RT: 3.084 min Scan# 525
Delta R.T. 0.000 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion: 96 Resp: 70426

Ion	Ratio	Lower	Upper
96	100		
61	198.5	136.8	205.2
63	61.2	43.6	65.4

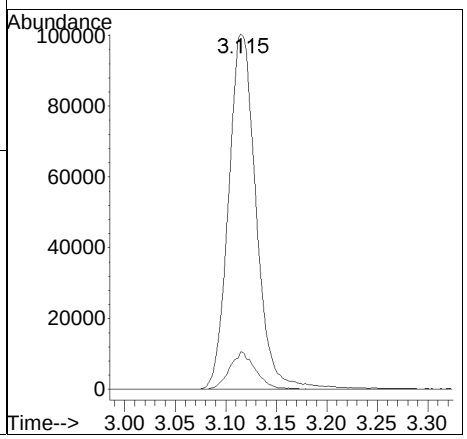


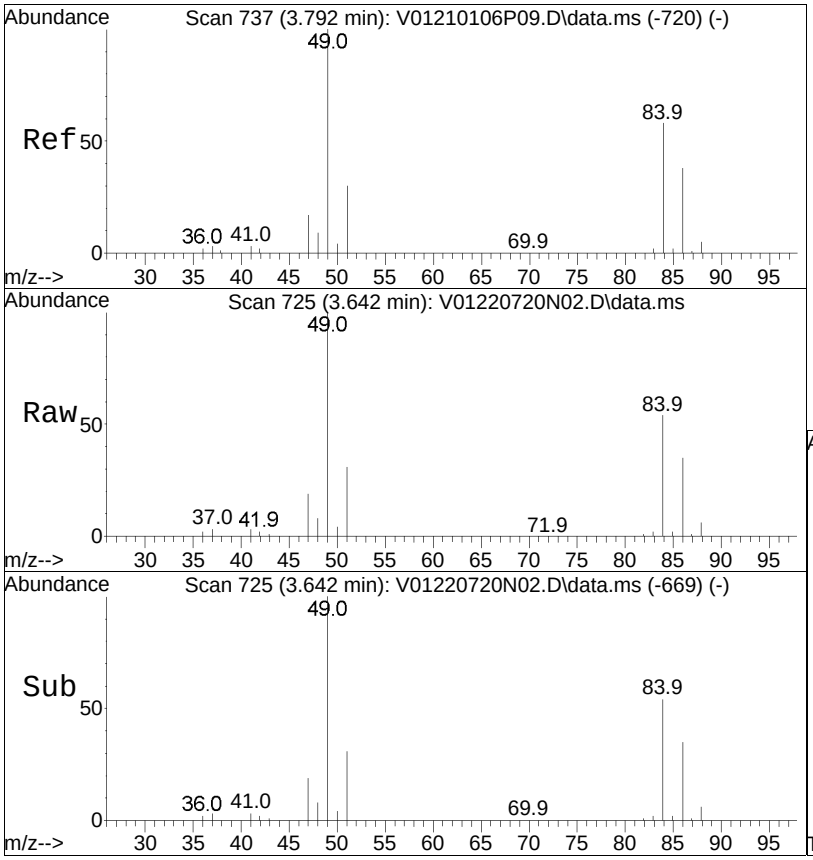


#11
Carbon disulfide
Concen: 10.35 ug/L
RT: 3.115 min Scan# 536
Delta R.T. -0.000 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion: 76 Resp: 191227

Ion	Ratio	Lower	Upper
76	100		
78	10.0	6.6	13.8

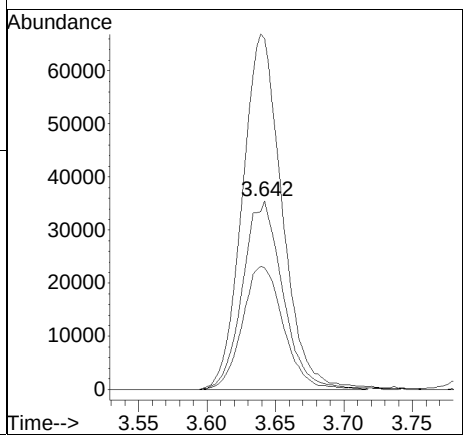


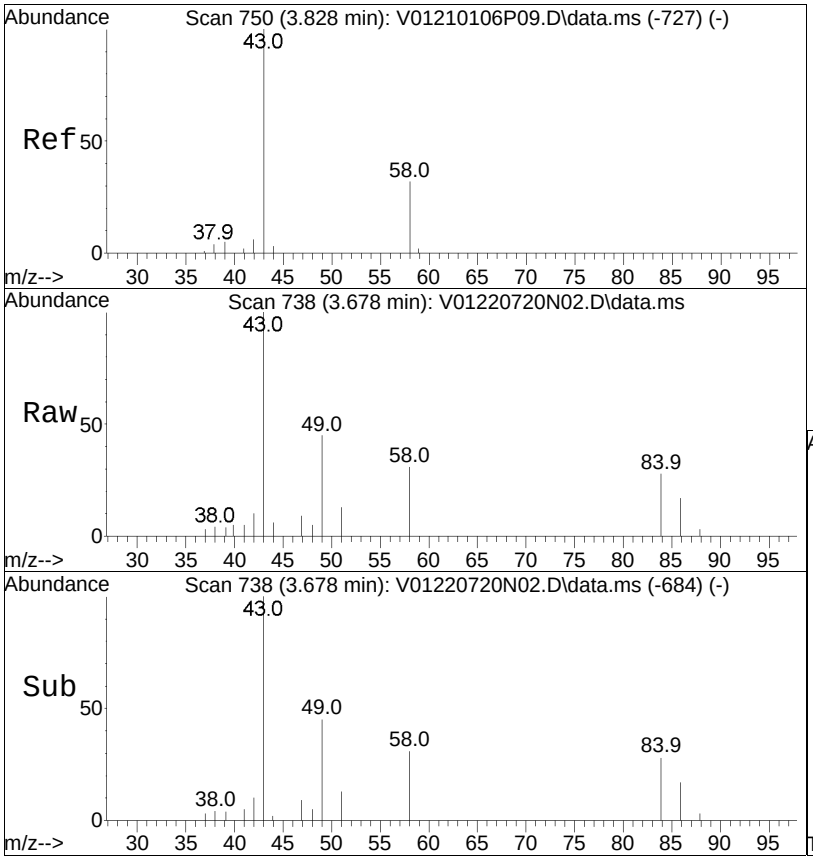


#15
Methylene chloride
Concen: 10.30 ug/L
RT: 3.642 min Scan# 725
Delta R.T. 0.006 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion: 84 Resp: 72316

Ion	Ratio	Lower	Upper
84	100		
86	66.8	41.7	86.7
49	186.7	89.1	185.1#

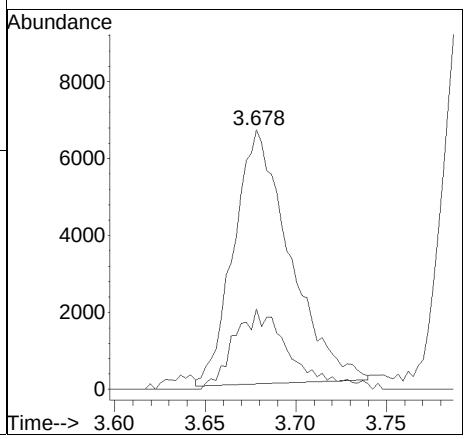


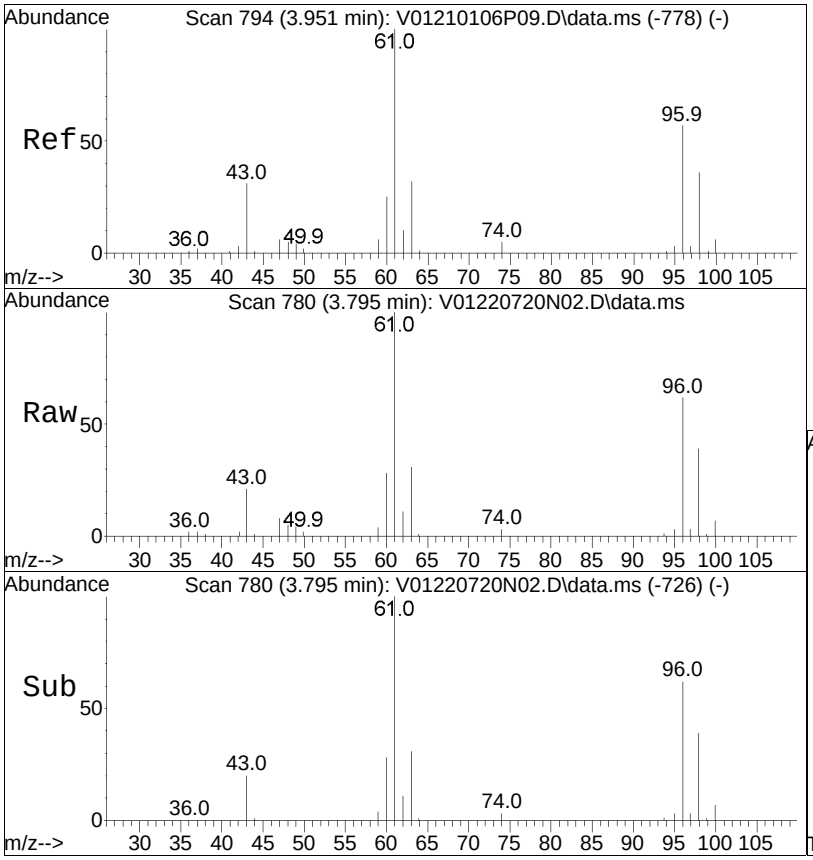


#17
Acetone
Concen: 9.09 ug/L
RT: 3.678 min Scan# 738
Delta R.T. 0.000 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion: 43 Resp: 14237

Ion	Ratio	Lower	Upper
43	100		
58	31.8	25.9	38.9

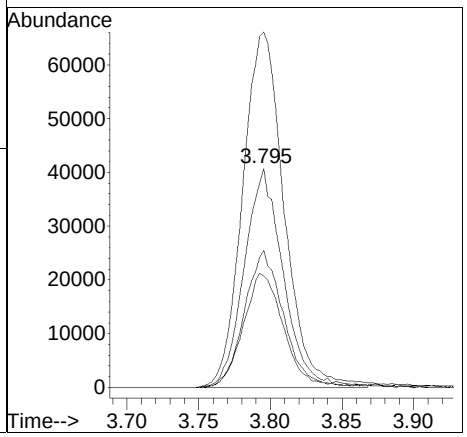


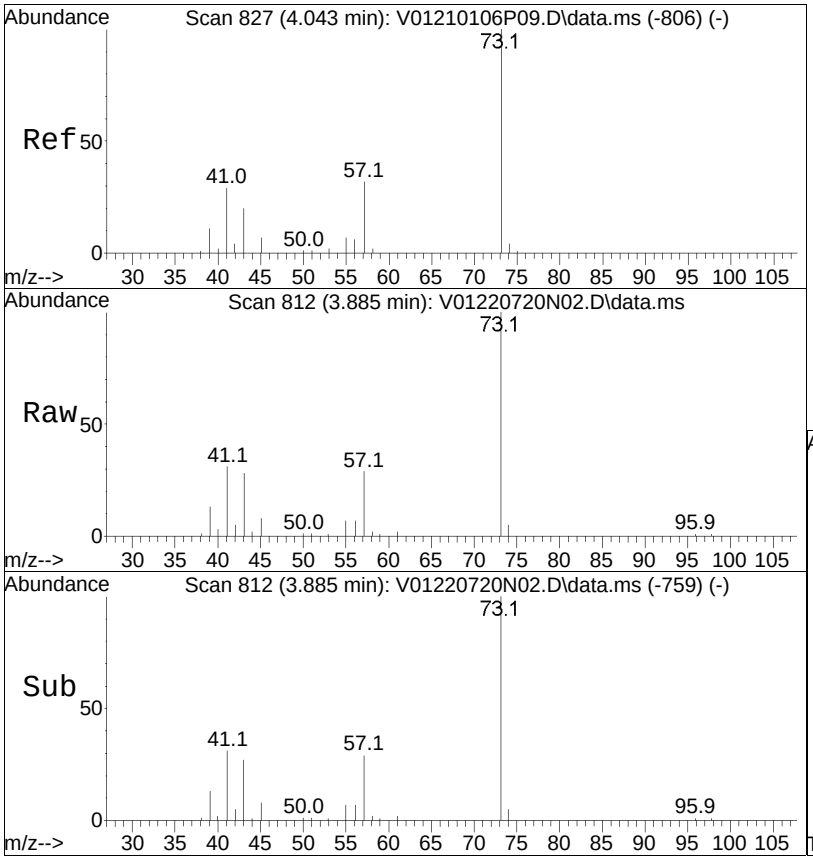


#18
trans-1,2-Dichloroethene
Concen: 10.44 ug/L
RT: 3.795 min Scan# 780
Delta R.T. 0.000 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion: 96 Resp: 77091

Ion	Ratio	Lower	Upper
96	100		
61	173.3	95.3	197.9
98	62.7	41.0	85.2
63	53.7	30.2	62.6

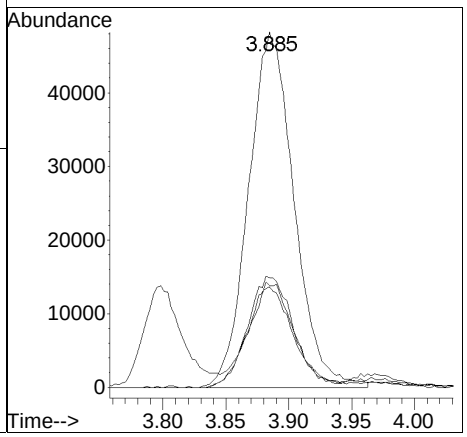


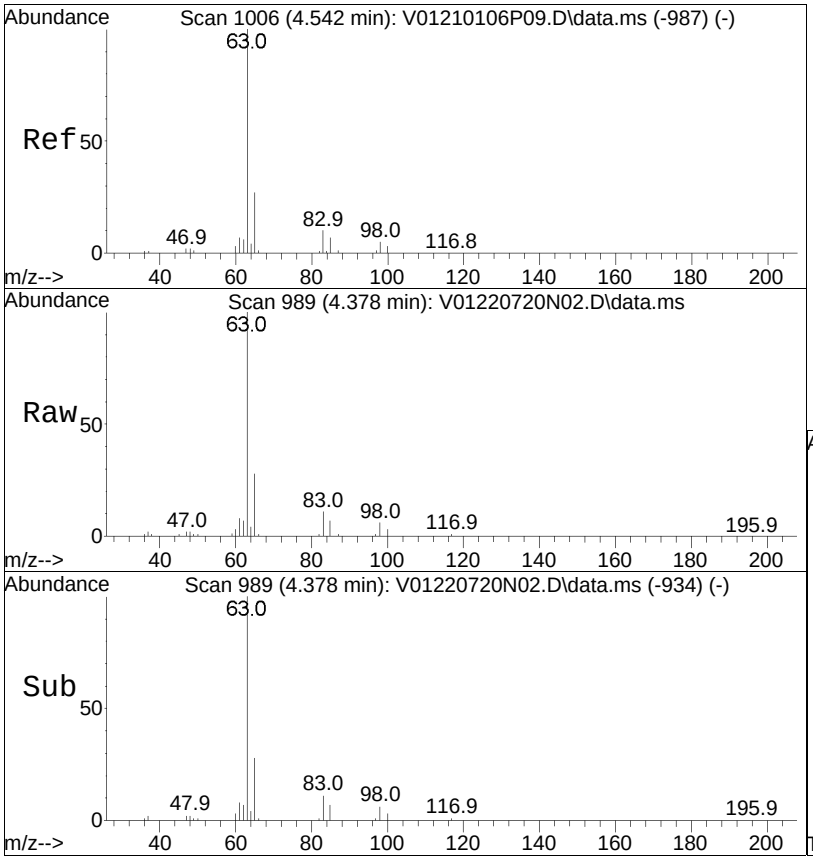


#20
Methyl tert-butyl ether
Concen: 10.34 ug/L
RT: 3.885 min Scan# 812
Delta R.T. -0.002 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion: 73 Resp: 121366

Ion	Ratio	Lower	Upper
73	100		
57	29.5	14.8	30.6
43	26.2	15.5	32.3
41	31.7	14.1	29.3#

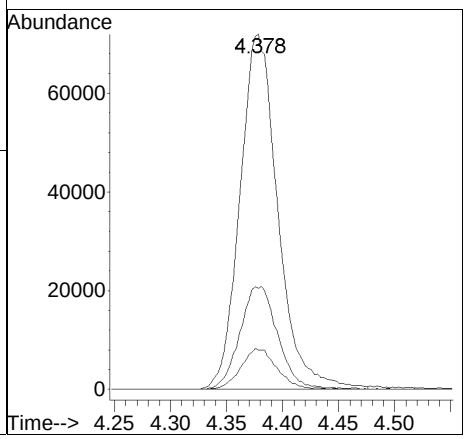


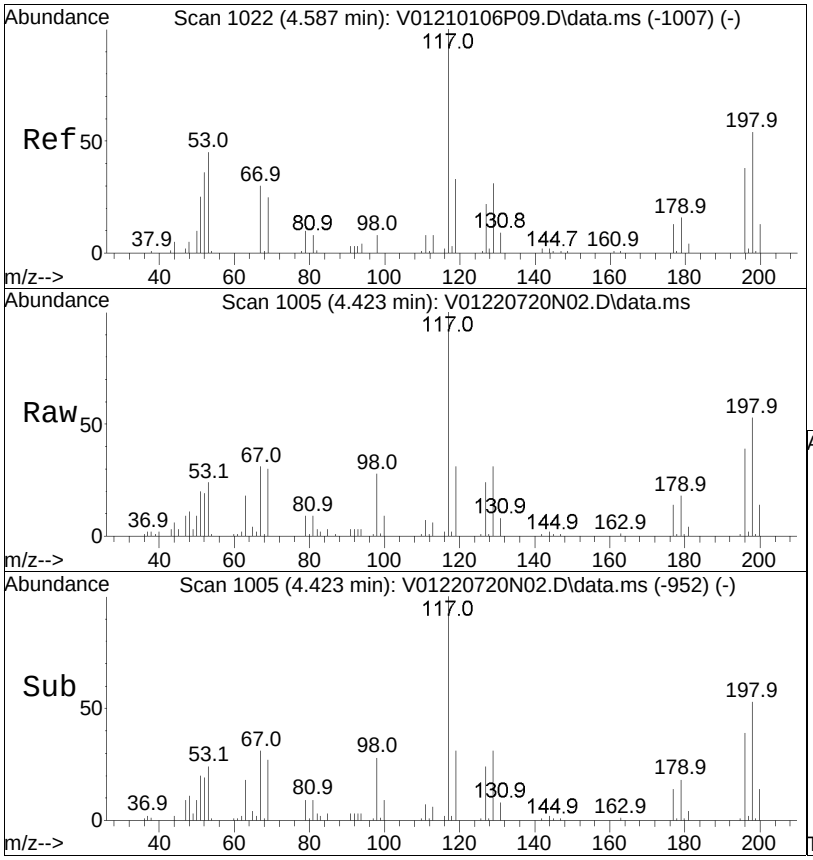


#23
1,1-Dichloroethane
Concen: 10.44 ug/L
RT: 4.378 min Scan# 989
Delta R.T. 0.003 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion: 63 Resp: 169606

Ion	Ratio	Lower	Upper
63	100		
65	28.8	10.9	50.9
83	10.8	0.0	33.0

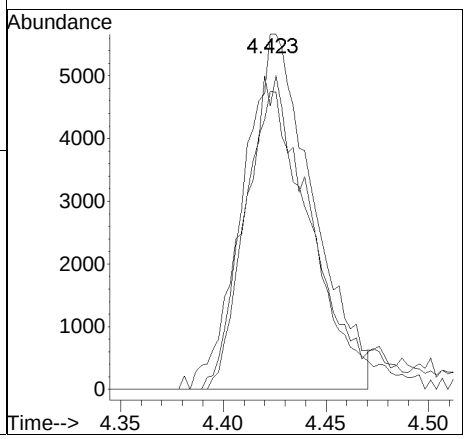


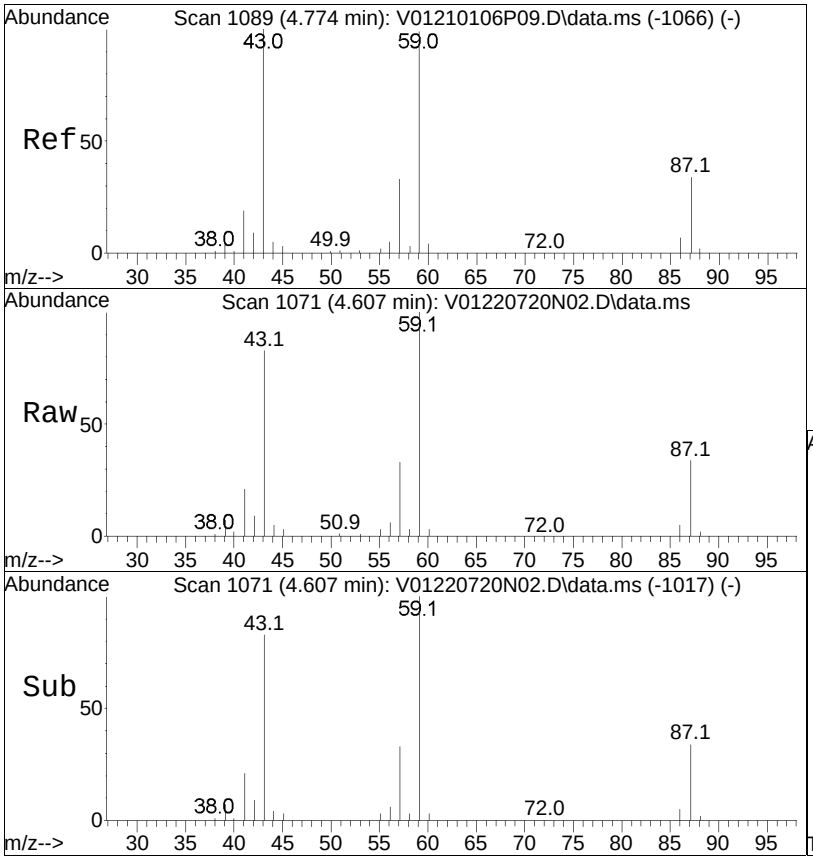


#25
Acrylonitrile
Concen: 9.50 ug/L
RT: 4.423 min Scan# 1005
Delta R.T. -0.003 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion: 53 Resp: 13009

Ion	Ratio	Lower	Upper
53	100		
52	84.2	69.1	103.7
51	88.3	58.3	87.5#

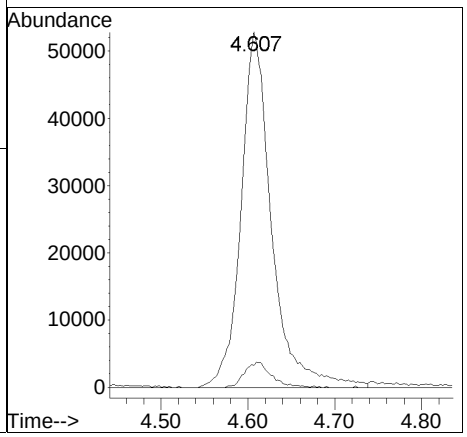


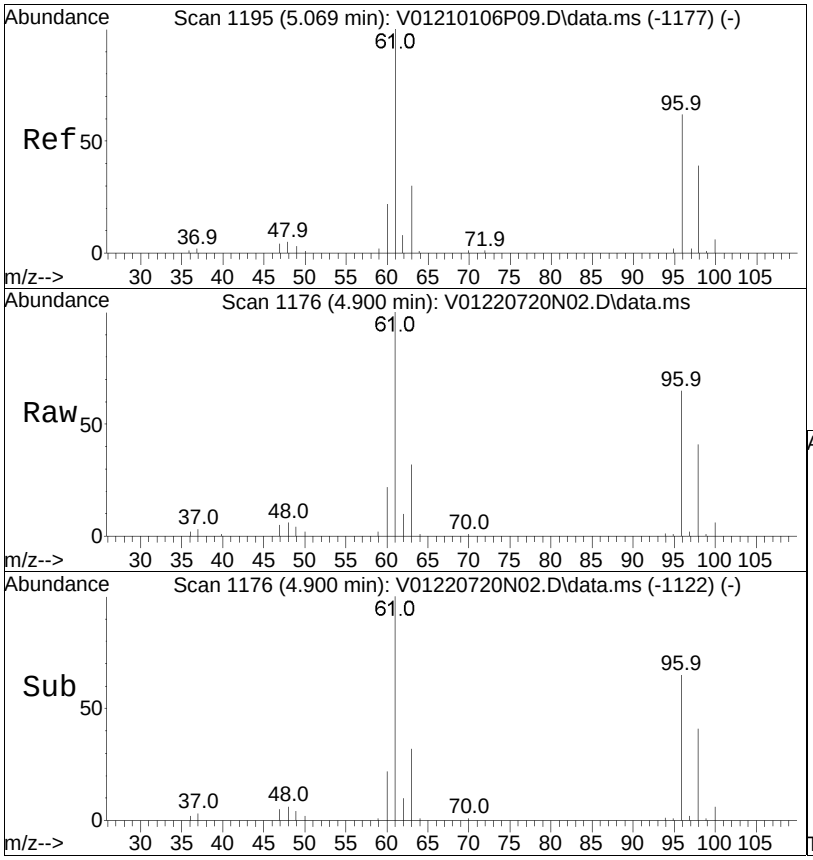


#27
Vinyl acetate
Concen: 10.42 ug/L
RT: 4.607 min Scan# 1071
Delta R.T. -0.000 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion: 43 Resp: 129658

Ion	Ratio	Lower	Upper
43	100		
86	6.2	6.6	9.8#

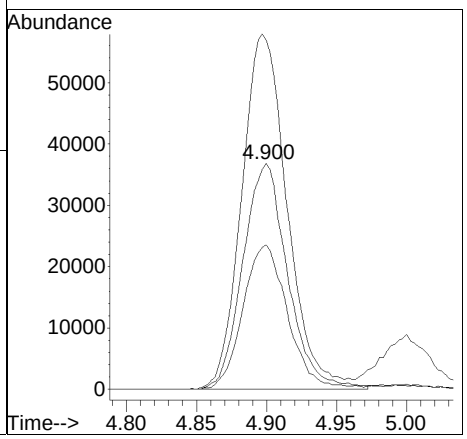


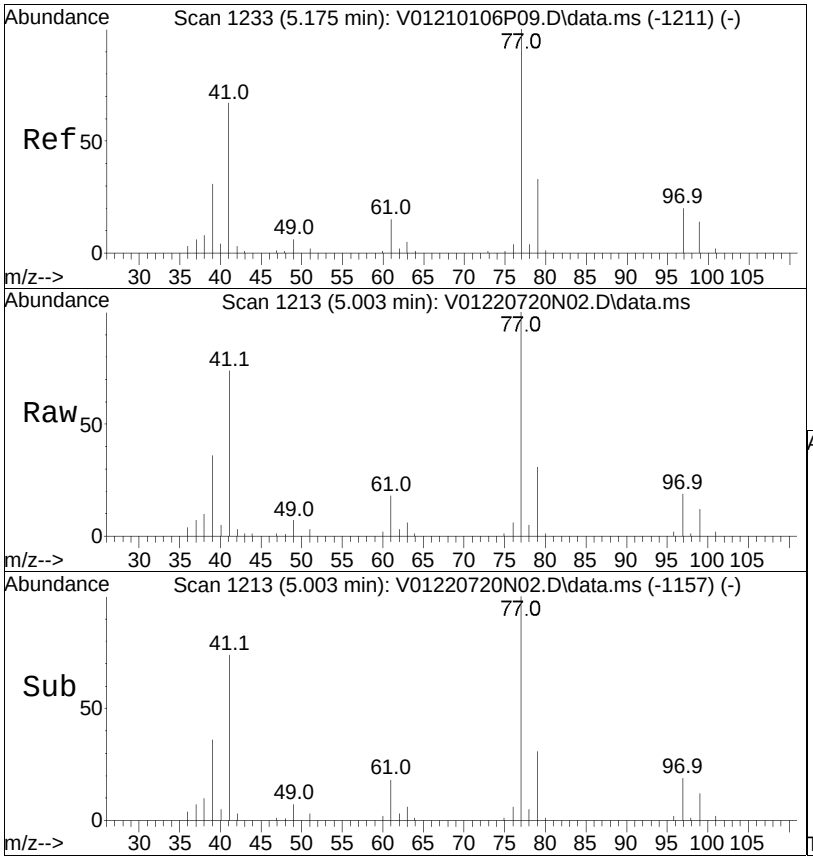


#28
cis-1,2-Dichloroethene
Concen: 10.42 ug/L
RT: 4.900 min Scan# 1176
Delta R.T. -0.000 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion: 96 Resp: 82144

Ion	Ratio	Lower	Upper
96	100		
61	159.1	105.8	158.6#
98	63.5	51.1	76.7

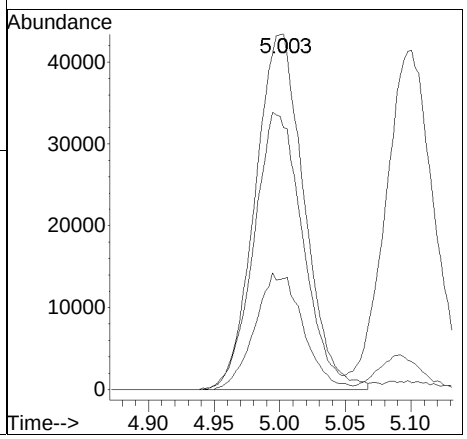


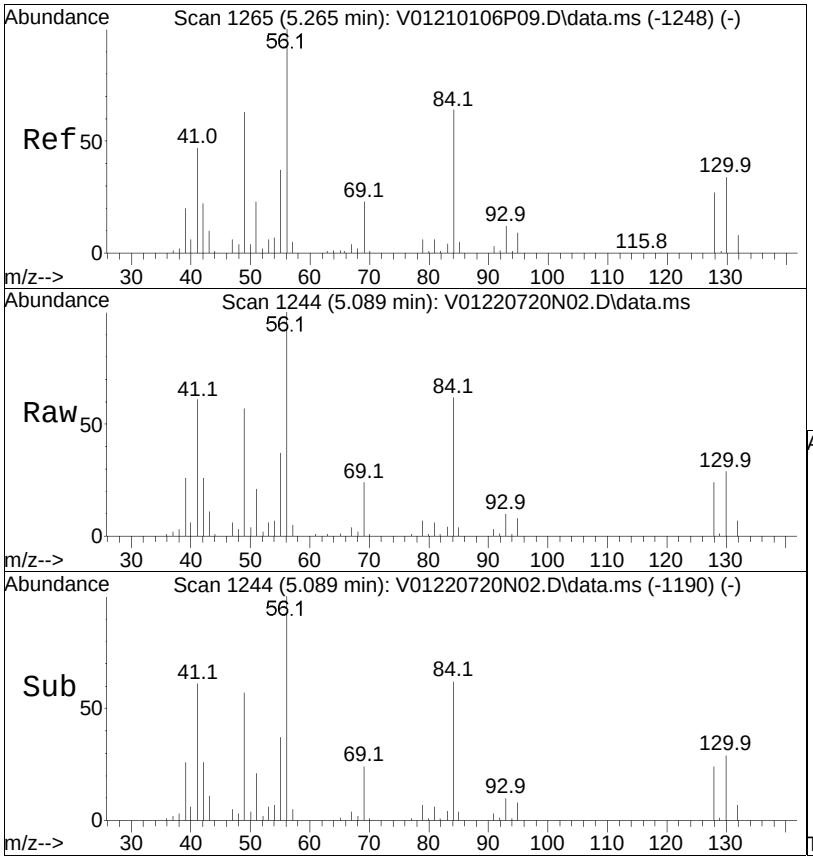


#29
2,2-Dichloropropane
Concen: 11.54 ug/L
RT: 5.003 min Scan# 1213
Delta R.T. 0.006 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion: 77 Resp: 112579

Ion	Ratio	Lower	Upper
77	100		
41	77.5	39.6	82.3
79	32.1	20.9	43.3

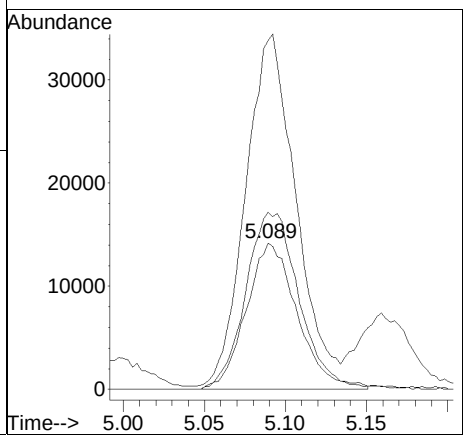


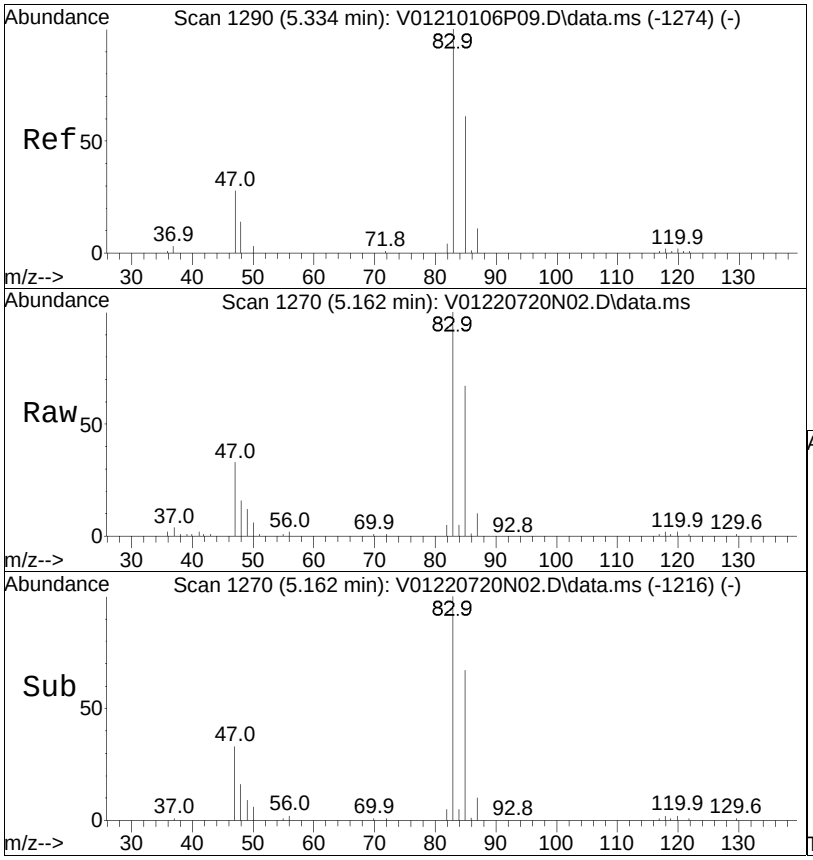


#30
Bromochloromethane
Concen: 11.13 ug/L
RT: 5.089 min Scan# 1244
Delta R.T. 0.000 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion:128 Resp: 31048

Ion	Ratio	Lower	Upper
128	100		
49	238.6	140.4	210.6#
130	127.7	103.1	154.7

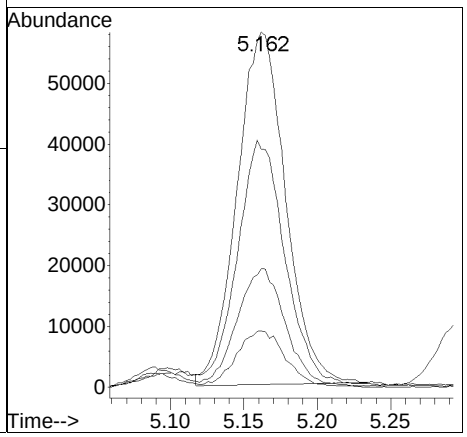


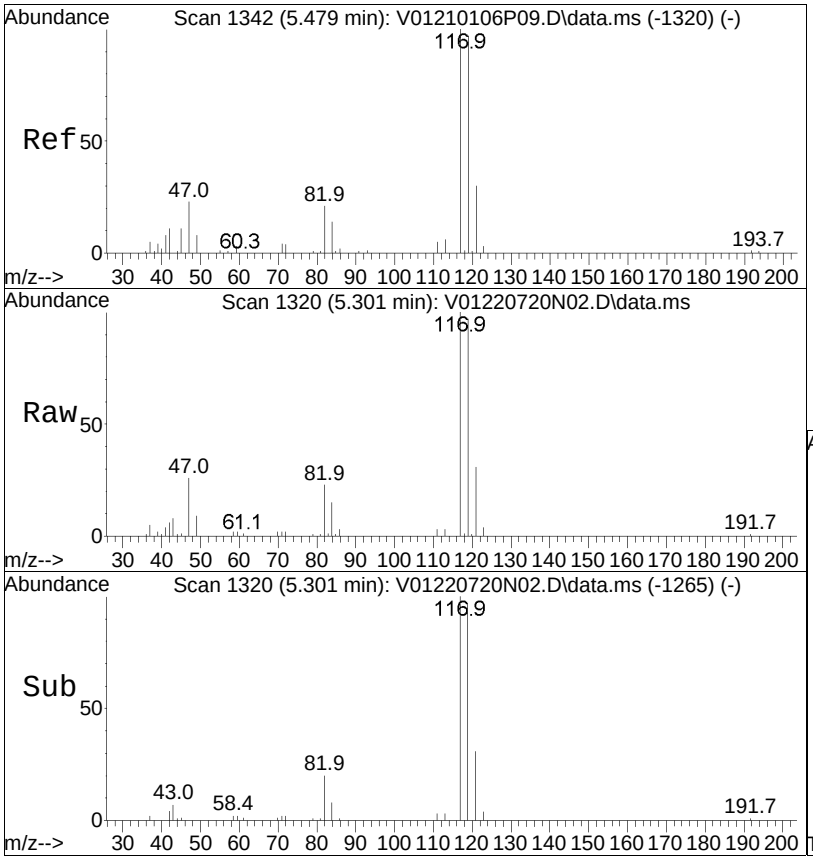


#32
Chloroform
Concen: 10.28 ug/L
RT: 5.162 min Scan# 1270
Delta R.T. -0.000 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion: 83 Resp: 133712

Ion	Ratio	Lower	Upper
83	100		
85	67.6	42.3	87.8
47	33.3	17.8	37.0
48	16.5	9.3	19.3

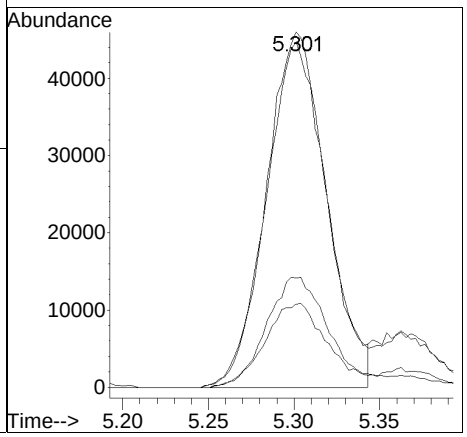


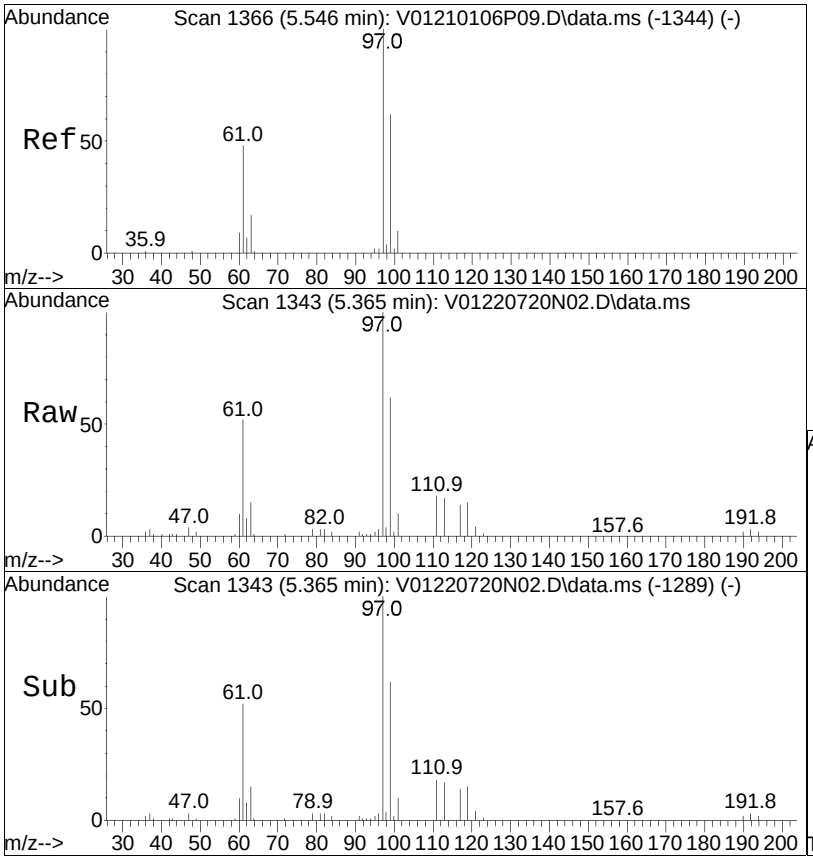


#34
Carbon tetrachloride
Concen: 10.31 ug/L
RT: 5.301 min Scan# 1320
Delta R.T. 0.003 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion:117 Resp: 113126

Ion	Ratio	Lower	Upper
117	100		
119	97.4	62.1	128.9
121	31.8	19.8	41.0
82	25.4	17.1	35.5

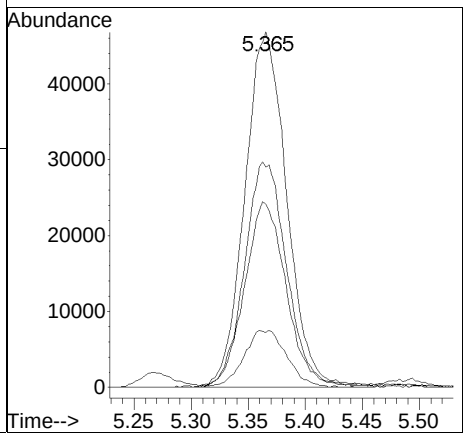


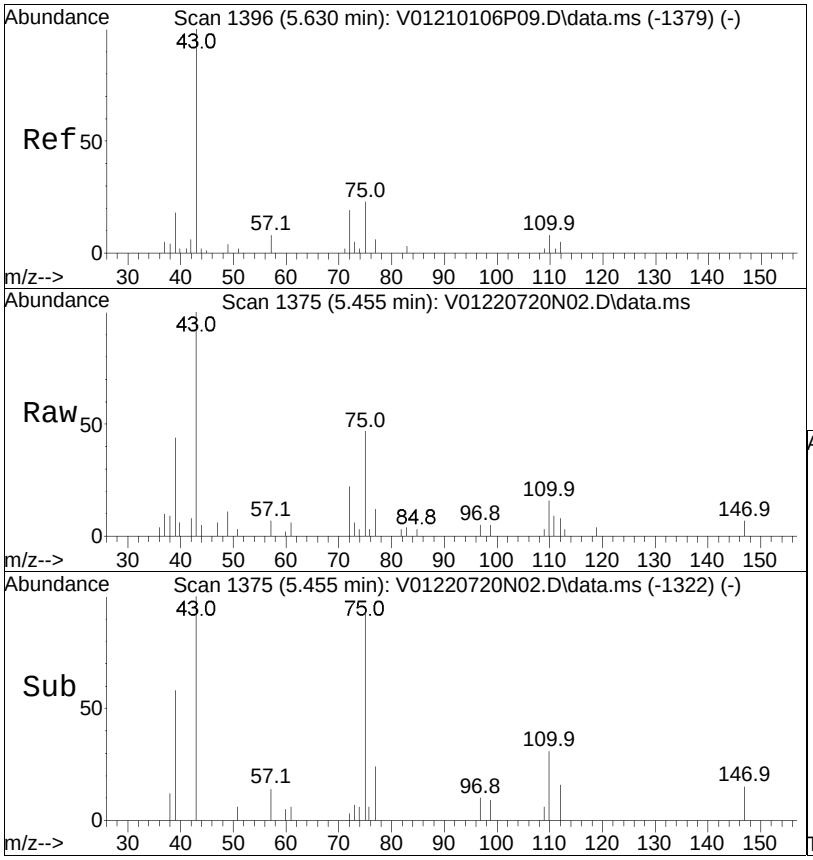


#37
1,1,1-Trichloroethane
Concen: 10.38 ug/L
RT: 5.365 min Scan# 1343
Delta R.T. 0.000 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion: 97 Resp: 119901

Ion	Ratio	Lower	Upper
97	100		
99	63.6	41.7	86.7
61	51.1	29.4	61.2
63	16.4	9.4	19.4

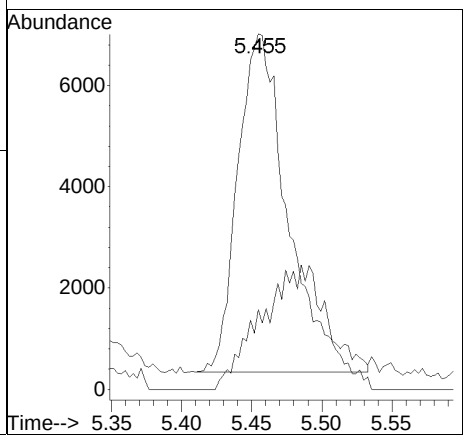


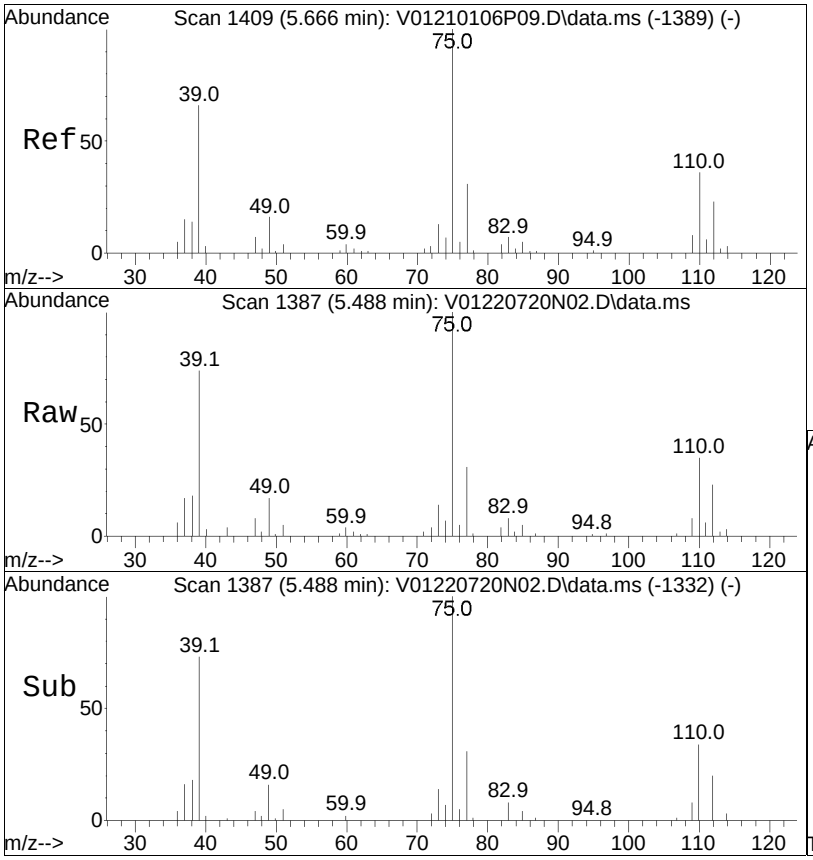


#39
2-Butanone
Concen: 9.88 ug/L
RT: 5.455 min Scan# 1375
Delta R.T. -0.002 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion: 43 Resp: 16636

Ion	Ratio	Lower	Upper
43	100		
72	27.2	45.8	68.6#

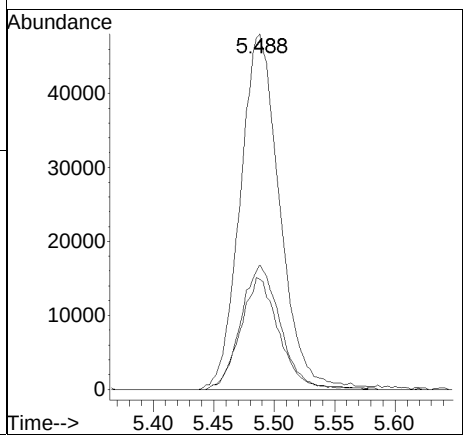


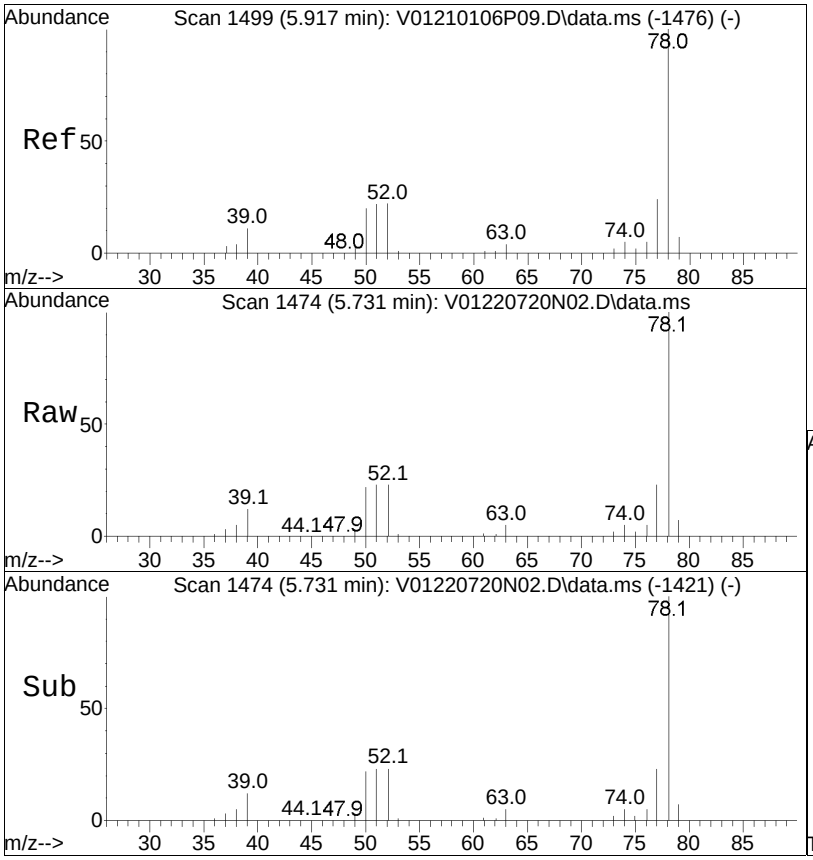


#40
1,1-Dichloropropene
Concen: 10.40 ug/L
RT: 5.488 min Scan# 1387
Delta R.T. 0.003 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion: 75 Resp: 109424

Ion	Ratio	Lower	Upper
75	100		
110	34.6	22.2	46.2
77	30.4	20.2	42.0

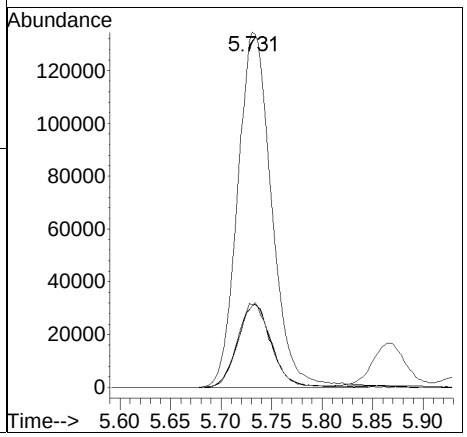


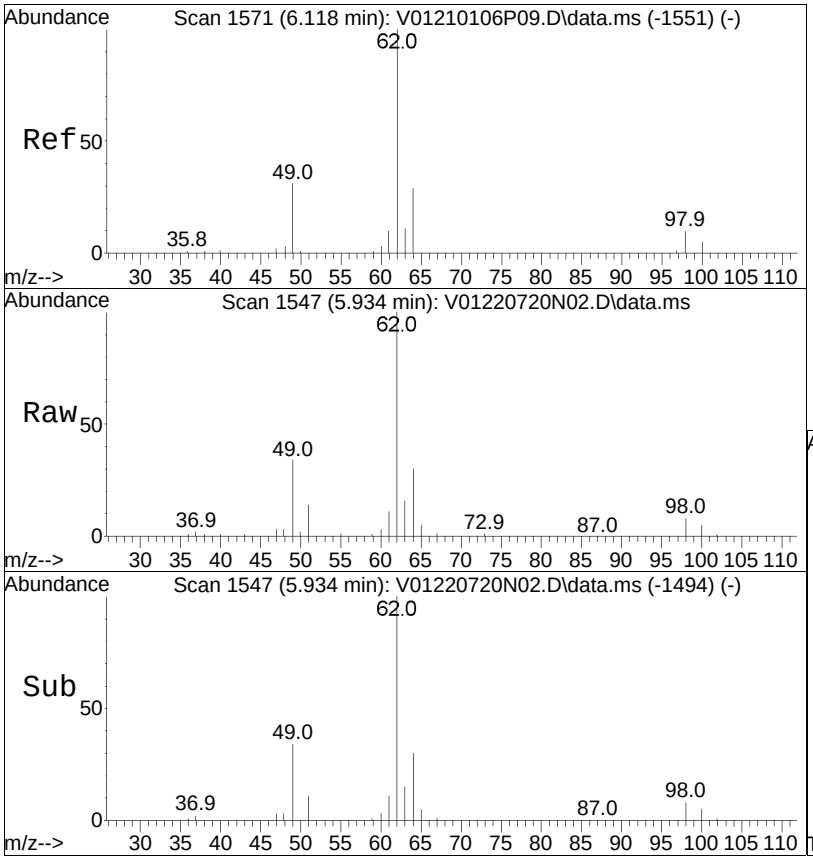


#41
Benzene
Concen: 10.45 ug/L
RT: 5.731 min Scan# 1474
Delta R.T. -0.003 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion: 78 Resp: 315563

Ion	Ratio	Lower	Upper
78	100		
77	23.2	15.7	32.5
51	23.6	11.6	24.2
52	23.0	10.9	22.5#

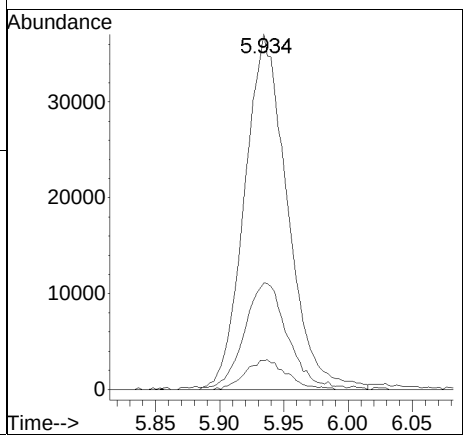


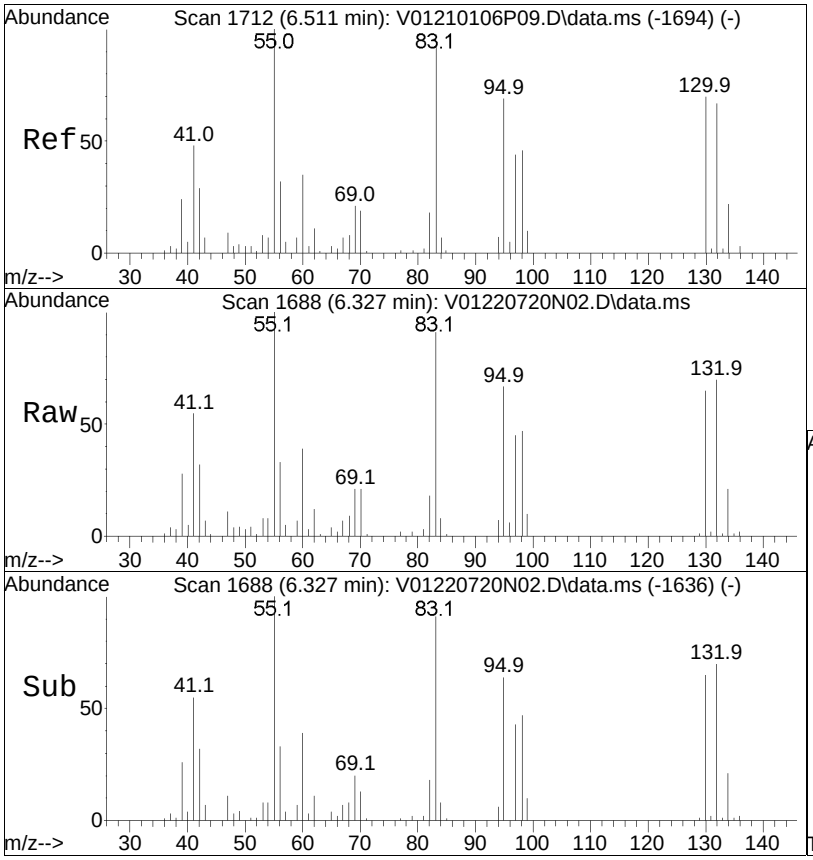


#44
1,2-Dichloroethane
Concen: 10.49 ug/L
RT: 5.934 min Scan# 1547
Delta R.T. -0.003 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion: 62 Resp: 86095

Ion	Ratio	Lower	Upper
62	100		
64	29.0	12.1	52.1
98	8.1	0.0	28.8

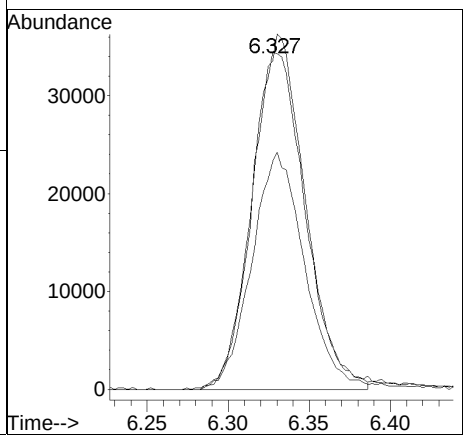


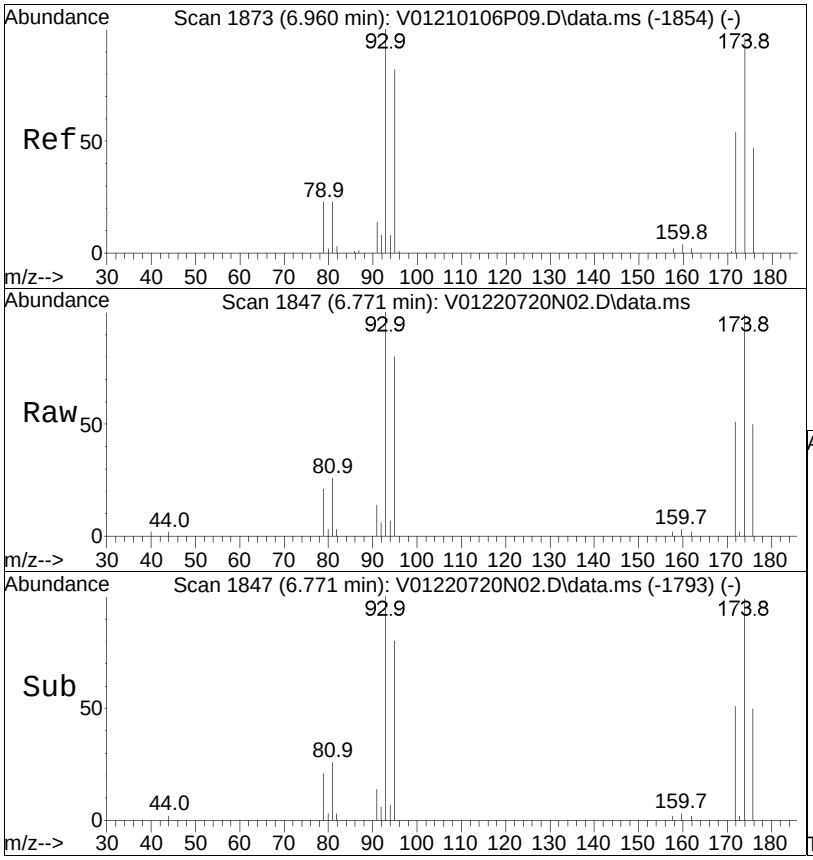


#48
Trichloroethene
Concen: 10.14 ug/L
RT: 6.327 min Scan# 1688
Delta R.T. -0.006 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion: 95 Resp: 80001

Ion	Ratio	Lower	Upper
95	100		
97	69.6	54.4	81.6
130	103.0	80.6	120.8

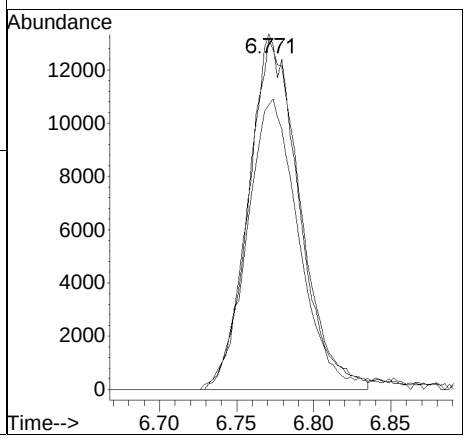


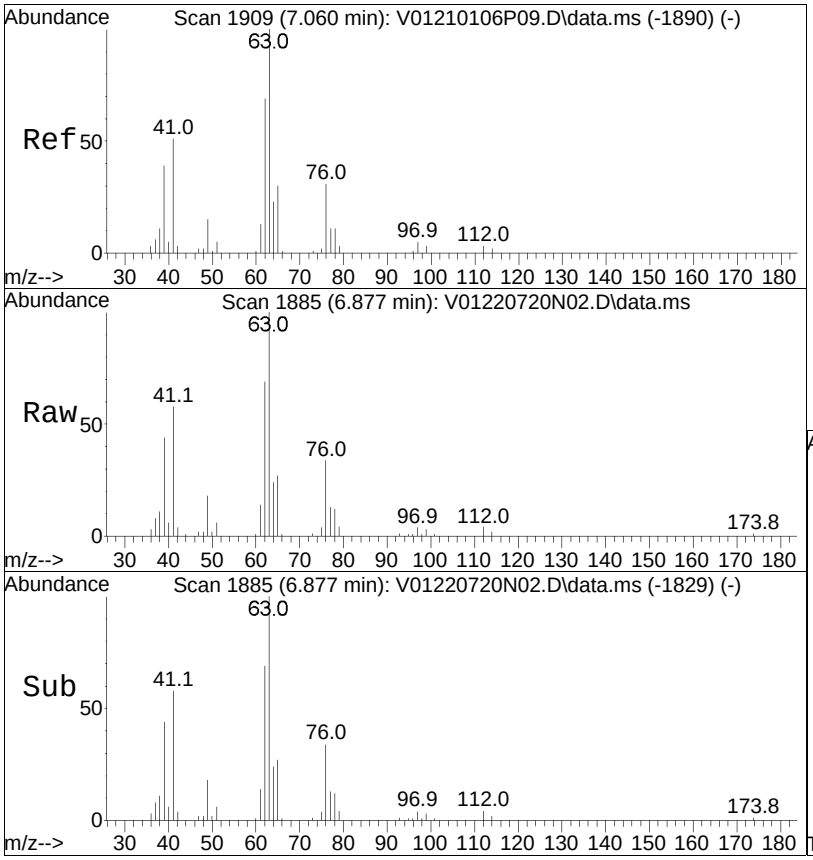


#50
Dibromomethane
Concen: 10.28 ug/L
RT: 6.771 min Scan# 1847
Delta R.T. -0.000 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion: 93 Resp: 30384

Ion	Ratio	Lower	Upper
93	100		
95	83.9	68.6	102.8
174	101.4	80.5	120.7

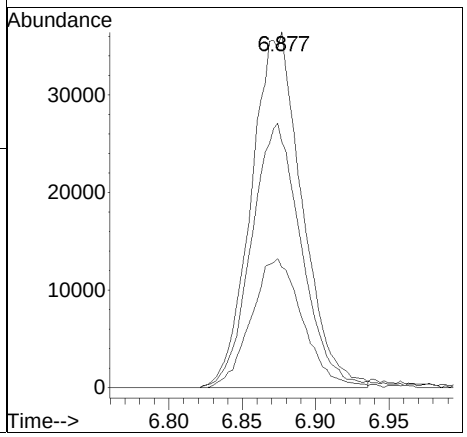


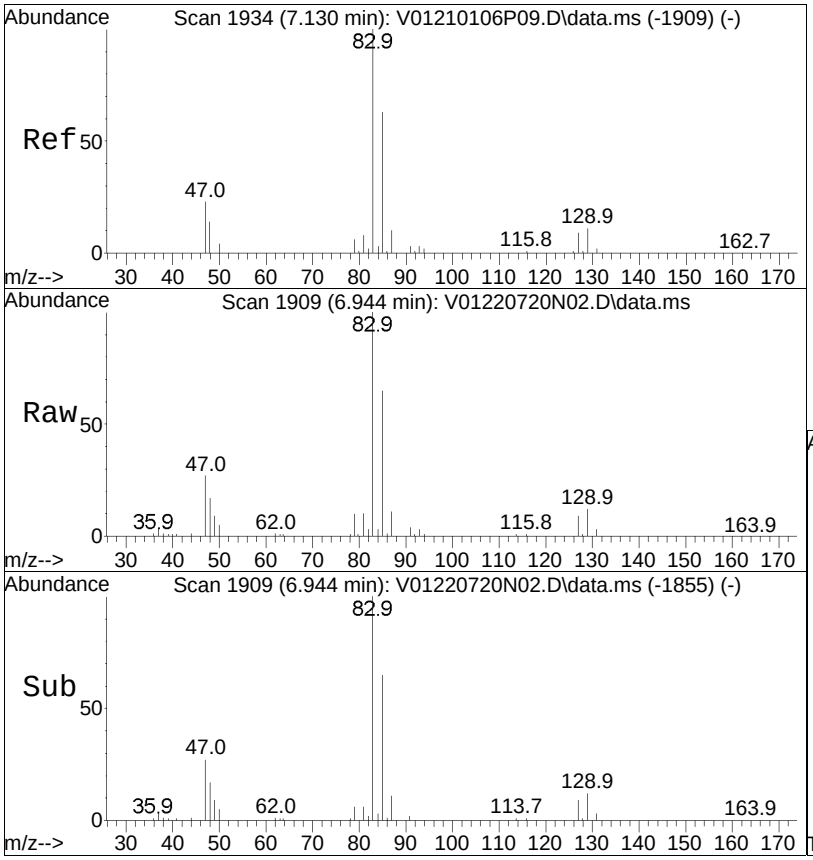


#51
1,2-Dichloropropane
Concen: 10.26 ug/L
RT: 6.877 min Scan# 1885
Delta R.T. 0.006 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion: 63 Resp: 87478

Ion	Ratio	Lower	Upper
63	100		
62	74.0	57.2	85.8
76	36.7	33.6	50.4

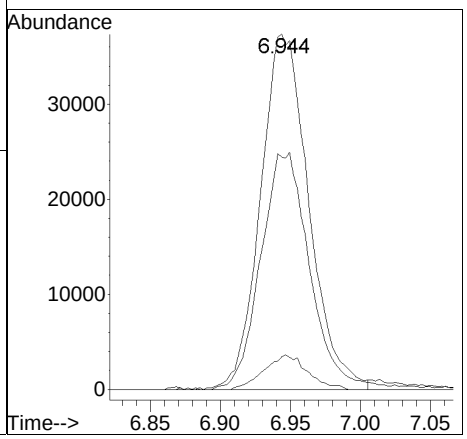


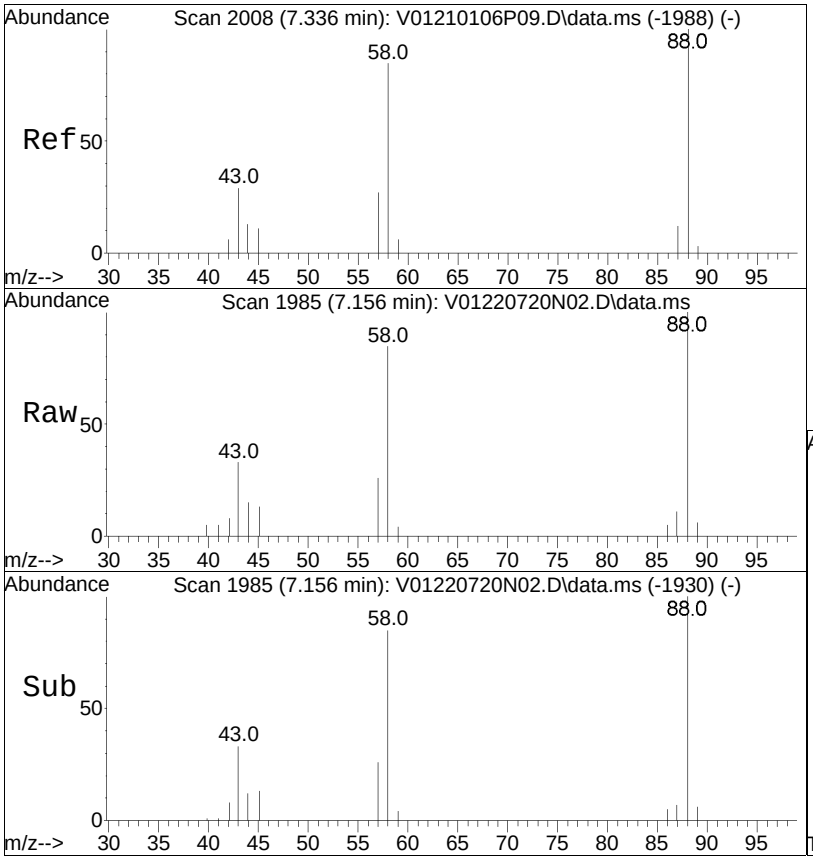


#54
Bromodichloromethane
Concen: 10.27 ug/L
RT: 6.944 min Scan# 1909
Delta R.T. -0.000 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion: 83 Resp: 89577

Ion	Ratio	Lower	Upper
83	100		
85	67.5	52.2	78.4
127	8.7	6.9	10.3

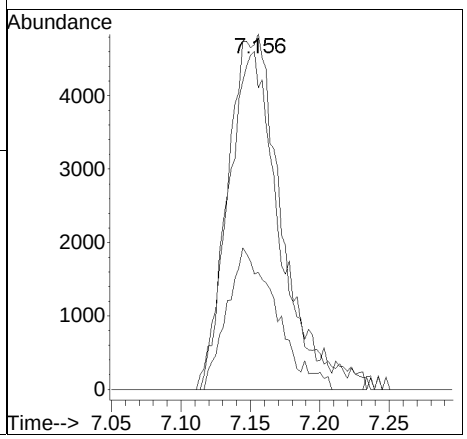


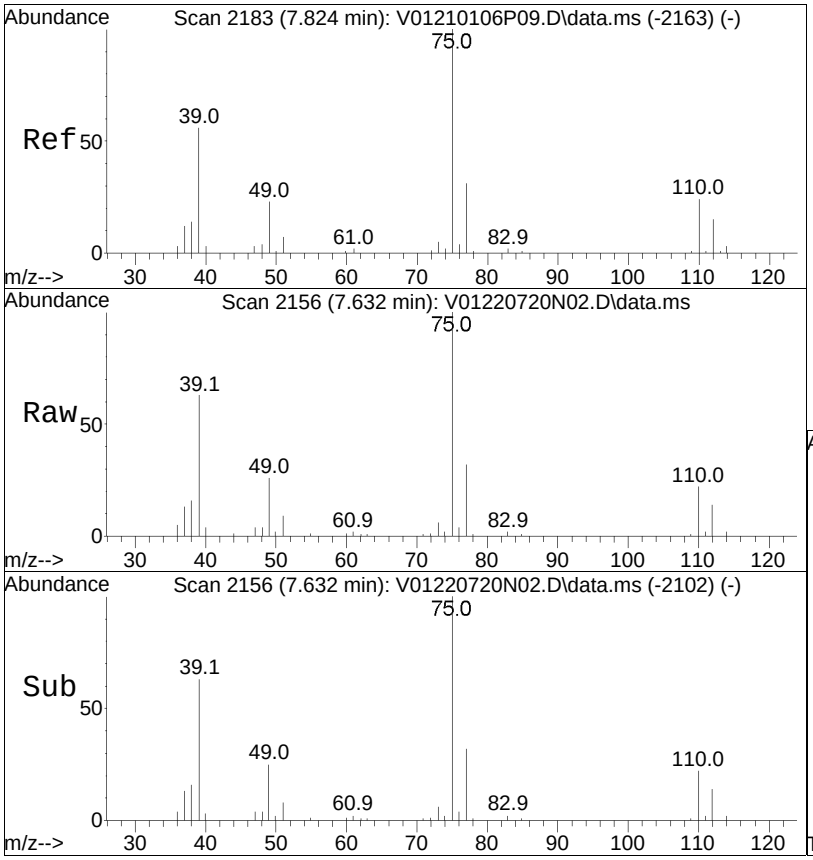


#57
1,4-Dioxane
Concen: 529.94 ug/L M3
RT: 7.156 min Scan# 1985
Delta R.T. 0.003 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion: 88 Resp: 13025

Ion	Ratio	Lower	Upper
88	100		
58	90.6	54.8	82.2#
43	34.5	29.3	43.9

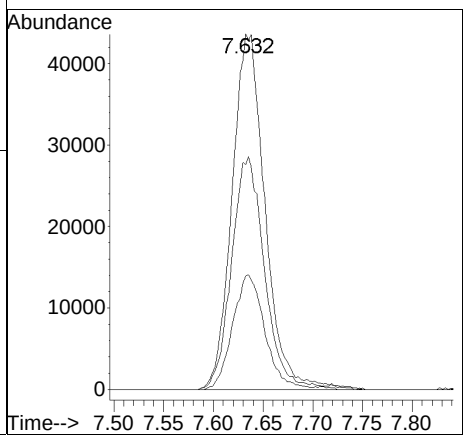


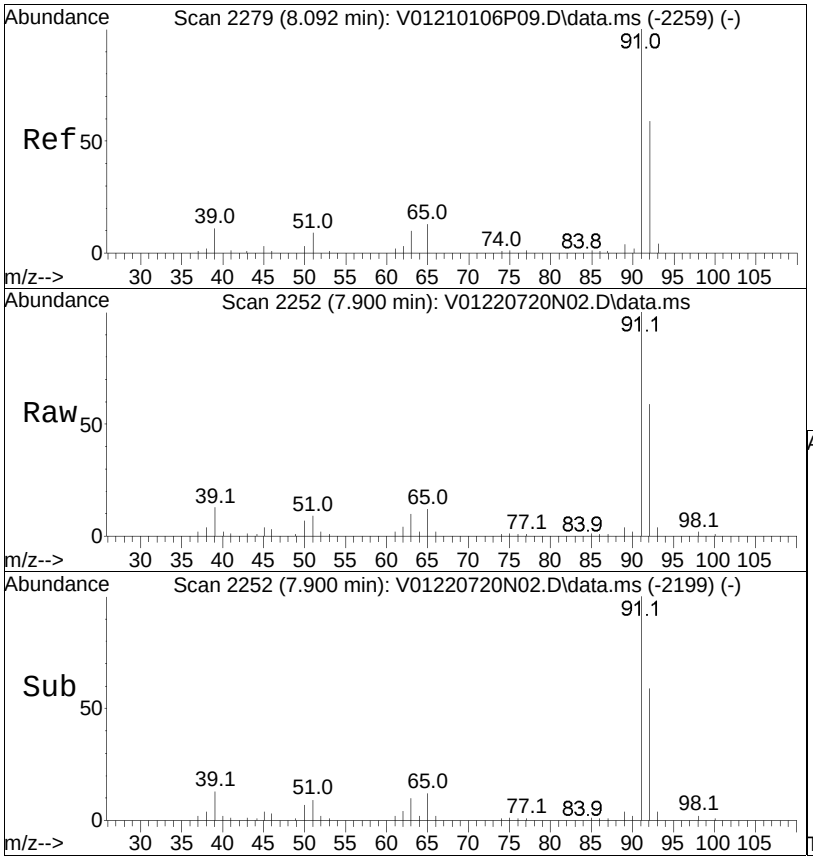


#58
cis-1,3-Dichloropropene
Concen: 10.11 ug/L
RT: 7.632 min Scan# 2156
Delta R.T. -0.001 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion: 75 Resp: 100915

Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.1	37.7
39	65.2	42.6	63.8#

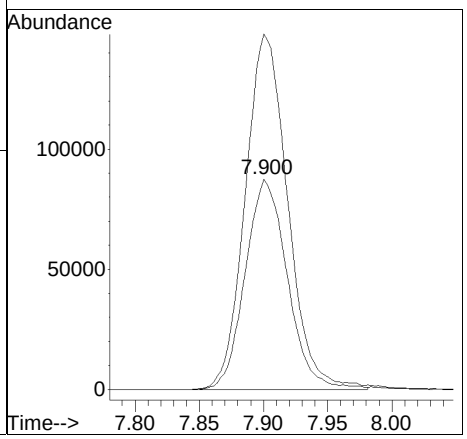


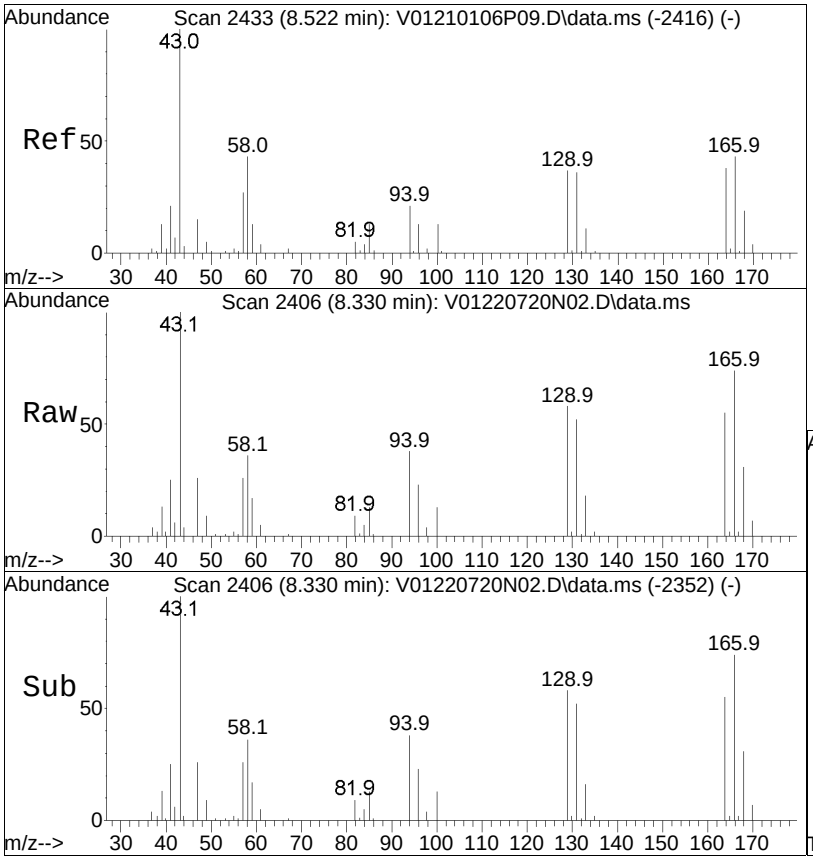


#61
Toluene
Concen: 10.34 ug/L
RT: 7.900 min Scan# 2252
Delta R.T. -0.003 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion: 92 Resp: 199519

Ion	Ratio	Lower	Upper
92	100		
91	171.5	137.5	206.3

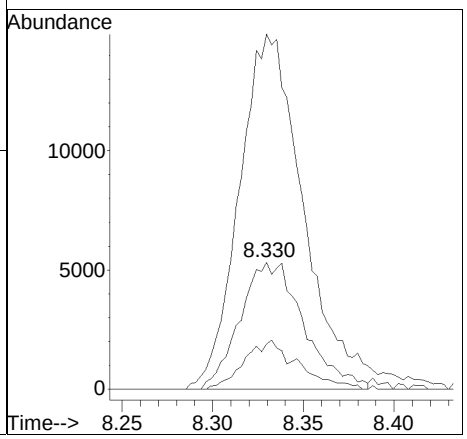


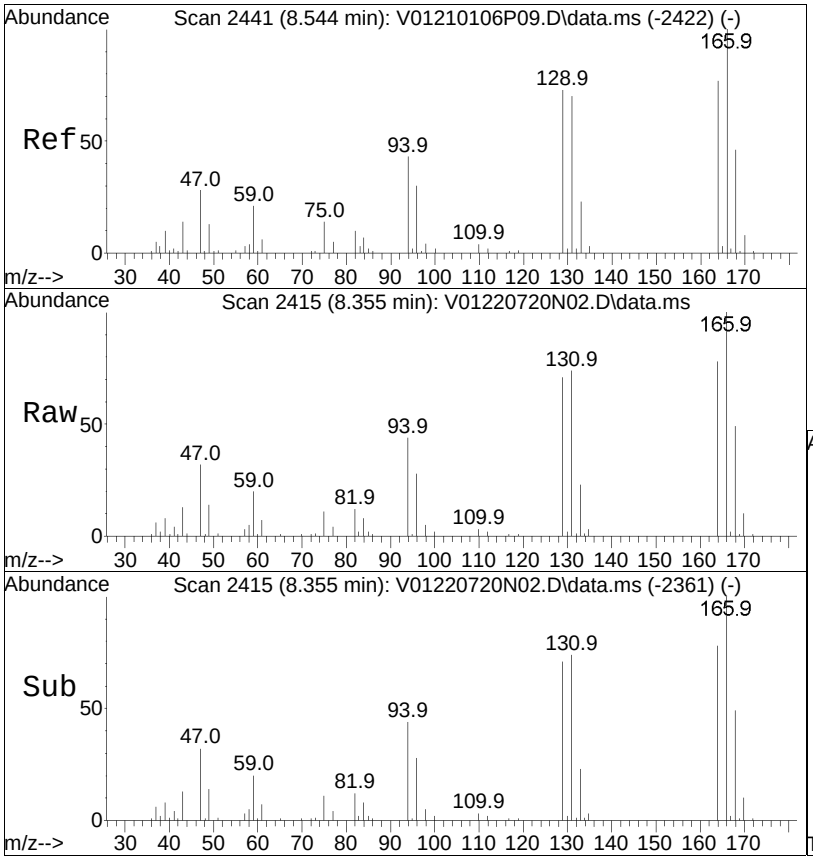


#62
4-Methyl-2-pentanone
Concen: 9.24 ug/L
RT: 8.330 min Scan# 2406
Delta R.T. -0.000 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion: 58 Resp: 13010

Ion	Ratio	Lower	Upper
58	100		
100	33.2	31.8	47.6
43	285.9	212.5	318.7

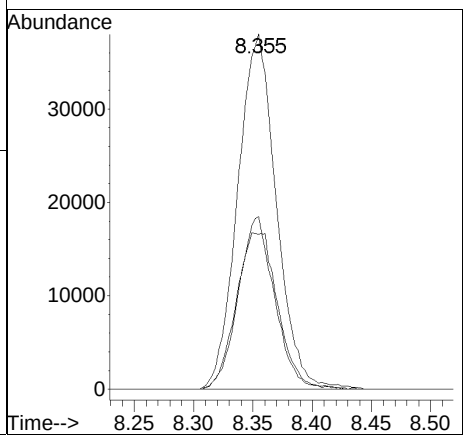


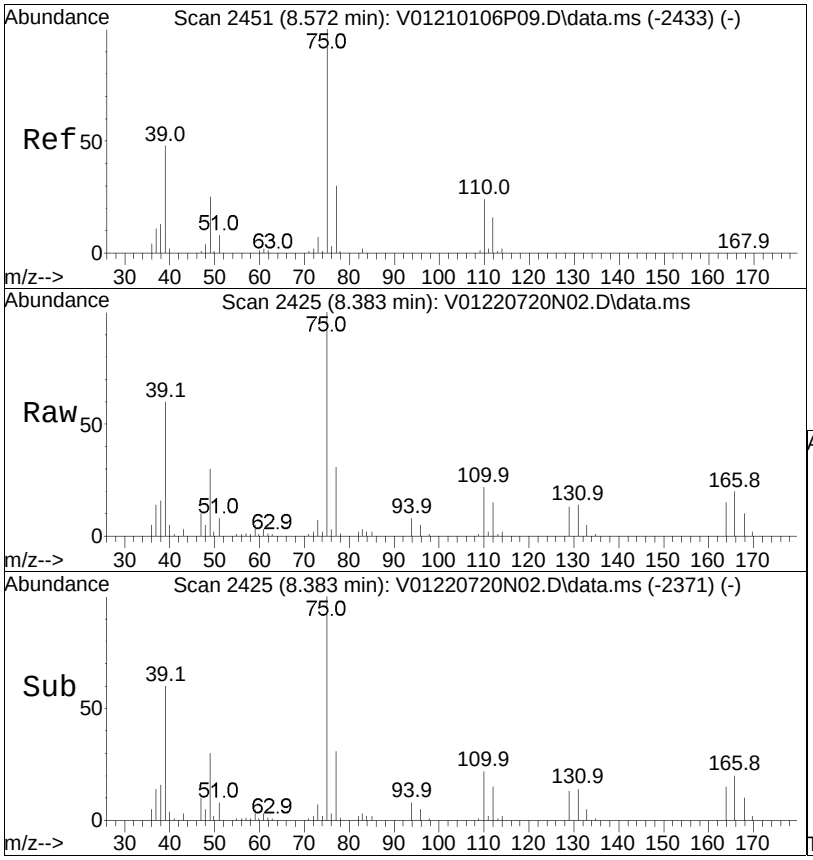


#63
Tetrachloroethene
Concen: 10.24 ug/L
RT: 8.355 min Scan# 2415
Delta R.T. -0.000 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion:166 Resp: 86412

Ion	Ratio	Lower	Upper
166	100		
168	47.4	27.4	67.4
94	45.6	24.8	64.8

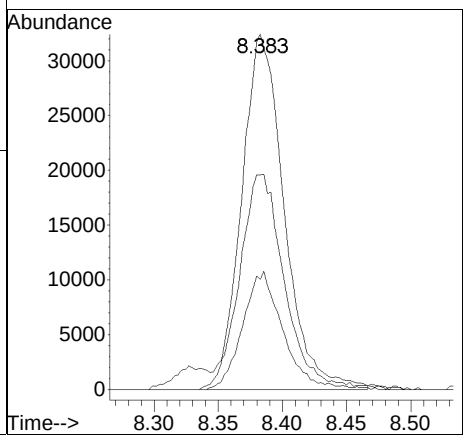


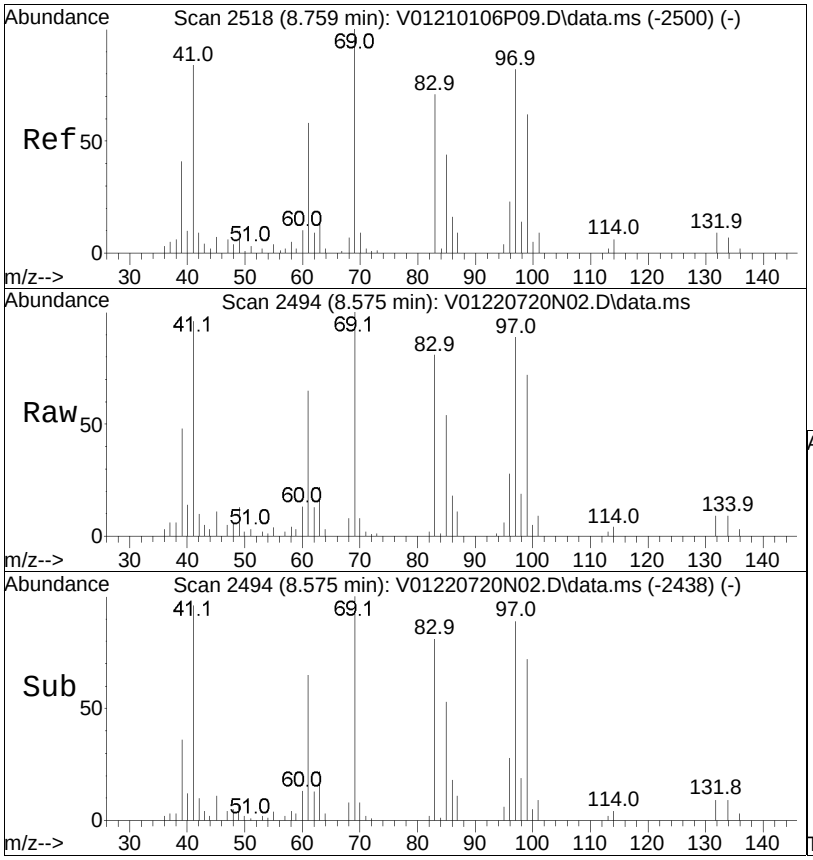


#65
trans-1,3-Dichloropropene
Concen: 10.06 ug/L
RT: 8.383 min Scan# 2425
Delta R.T. -0.000 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion: 75 Resp: 74766

Ion	Ratio	Lower	Upper
75	100		
77	31.3	11.8	51.8
39	61.3	30.2	70.2

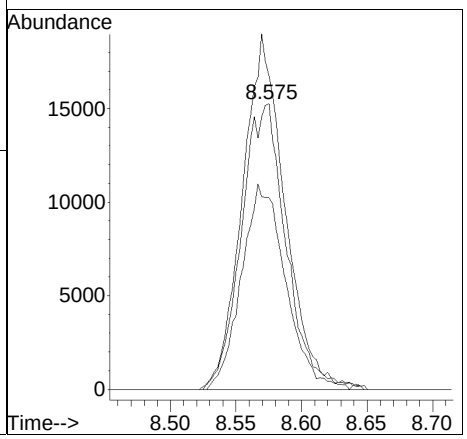


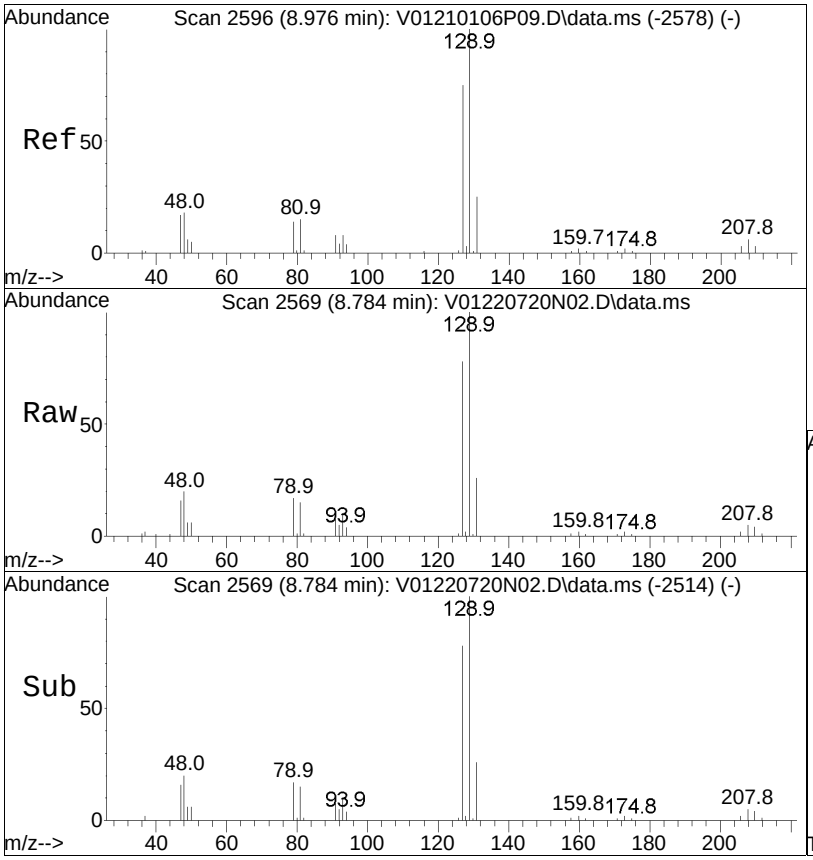


#68
1,1,2-Trichloroethane
Concen: 10.38 ug/L
RT: 8.575 min Scan# 2494
Delta R.T. 0.005 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion: 83 Resp: 36242

Ion	Ratio	Lower	Upper
83	100		
97	118.3	96.7	136.7
85	70.8	45.3	85.3

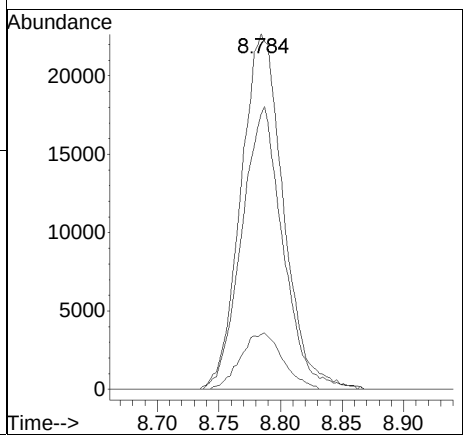


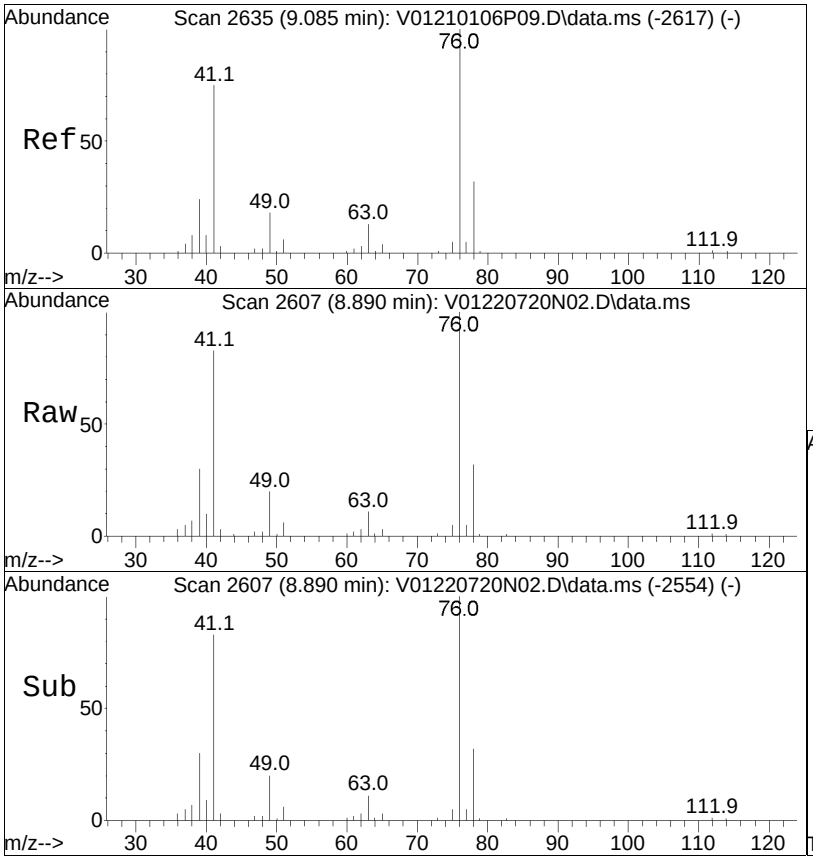


#69
Chlorodibromomethane
Concen: 10.25 ug/L
RT: 8.784 min Scan# 2569
Delta R.T. 0.003 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion:129 Resp: 54496

Ion	Ratio	Lower	Upper
129	100		
81	15.8	0.0	37.9
127	77.1	56.6	96.6

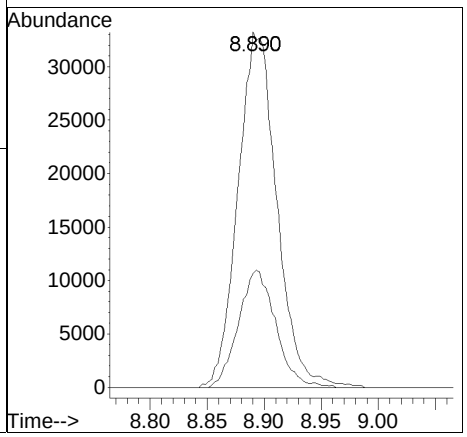


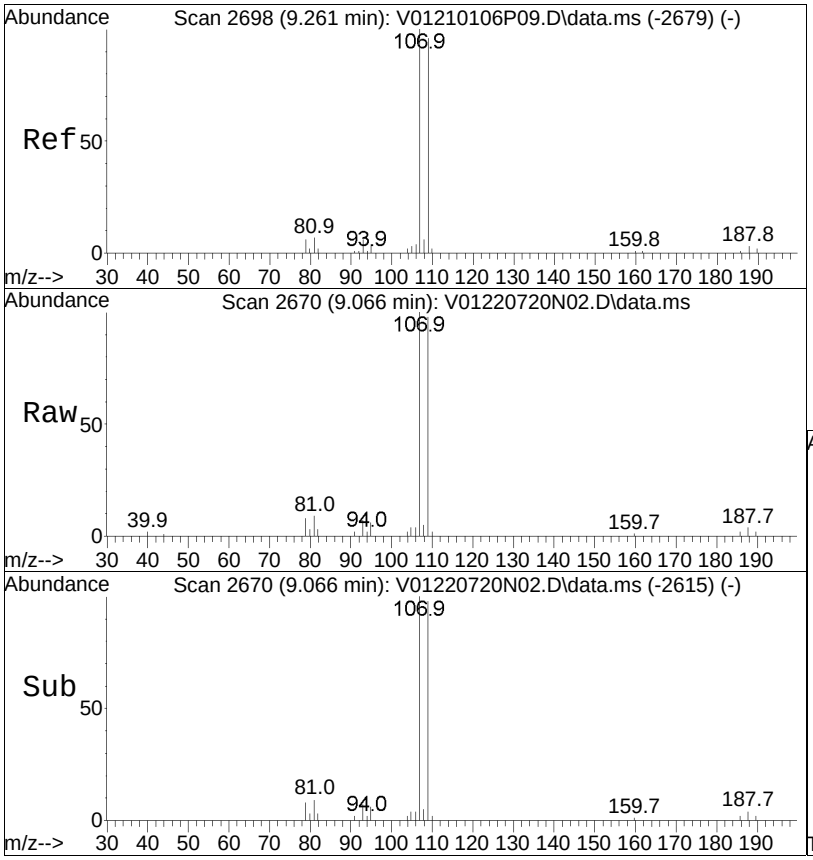


#70
1,3-Dichloropropane
Concen: 10.43 ug/L
RT: 8.890 min Scan# 2607
Delta R.T. -0.003 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion: 76 Resp: 78699

Ion	Ratio	Lower	Upper
76	100		
78	31.7	25.8	38.8

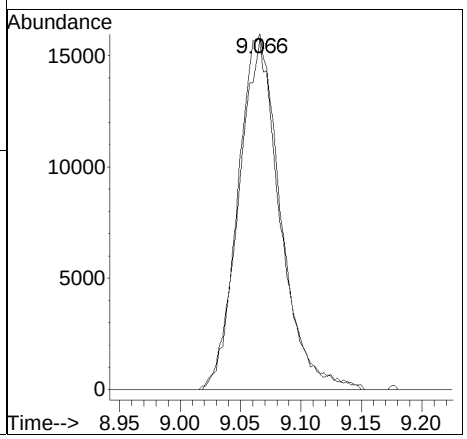


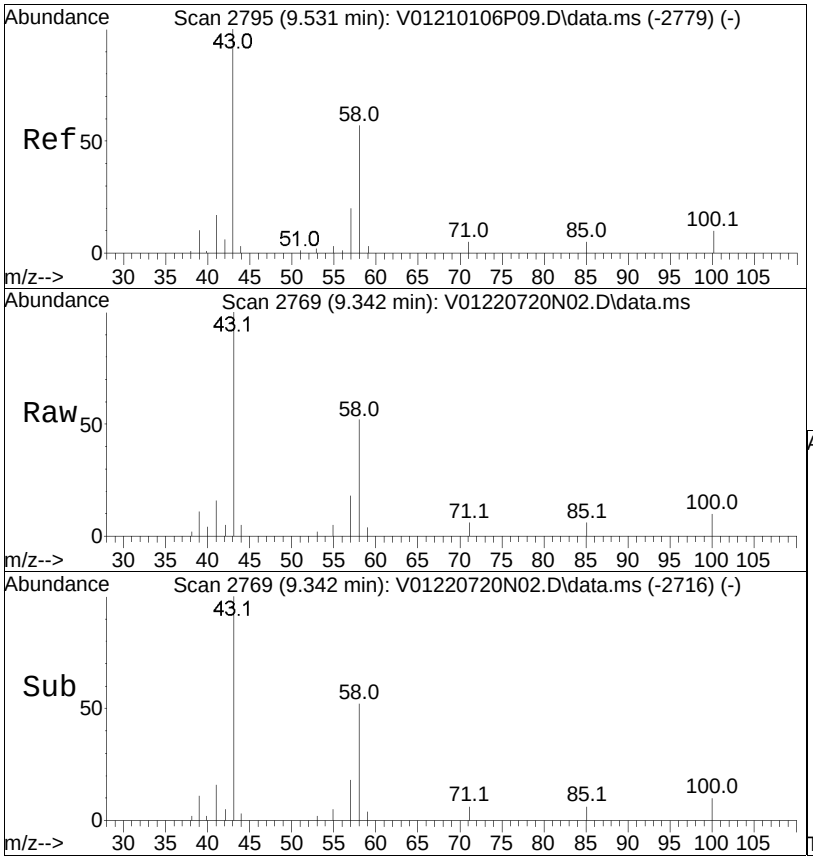


#71
1,2-Dibromoethane
Concen: 10.35 ug/L
RT: 9.066 min Scan# 2670
Delta R.T. 0.003 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion:107 Resp: 39404

Ion	Ratio	Lower	Upper
107	100		
109	94.3	75.6	113.4

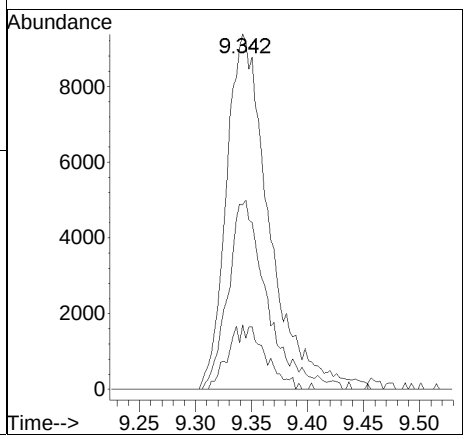


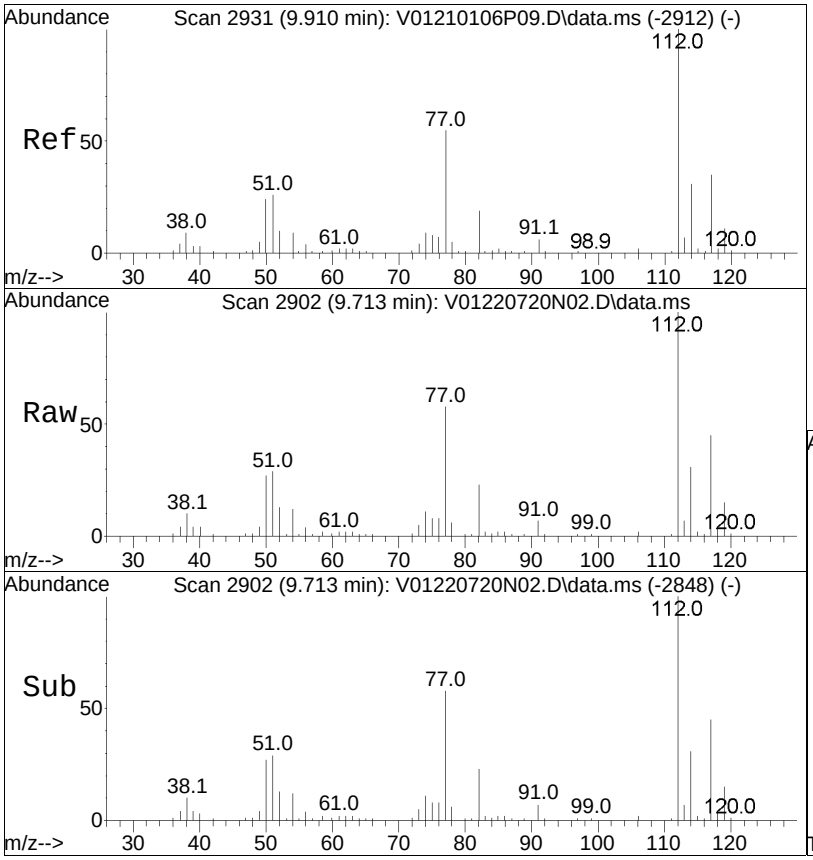


#72
2-Hexanone
Concen: 10.14 ug/L
RT: 9.342 min Scan# 2769
Delta R.T. -0.003 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion: 43 Resp: 25080

Ion	Ratio	Lower	Upper
43	100		
58	48.0	40.8	61.2
57	5.6	14.2	21.4#

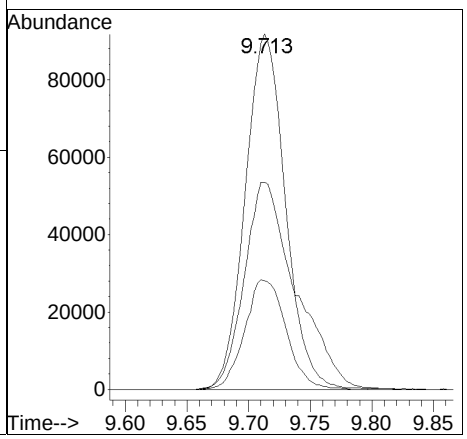


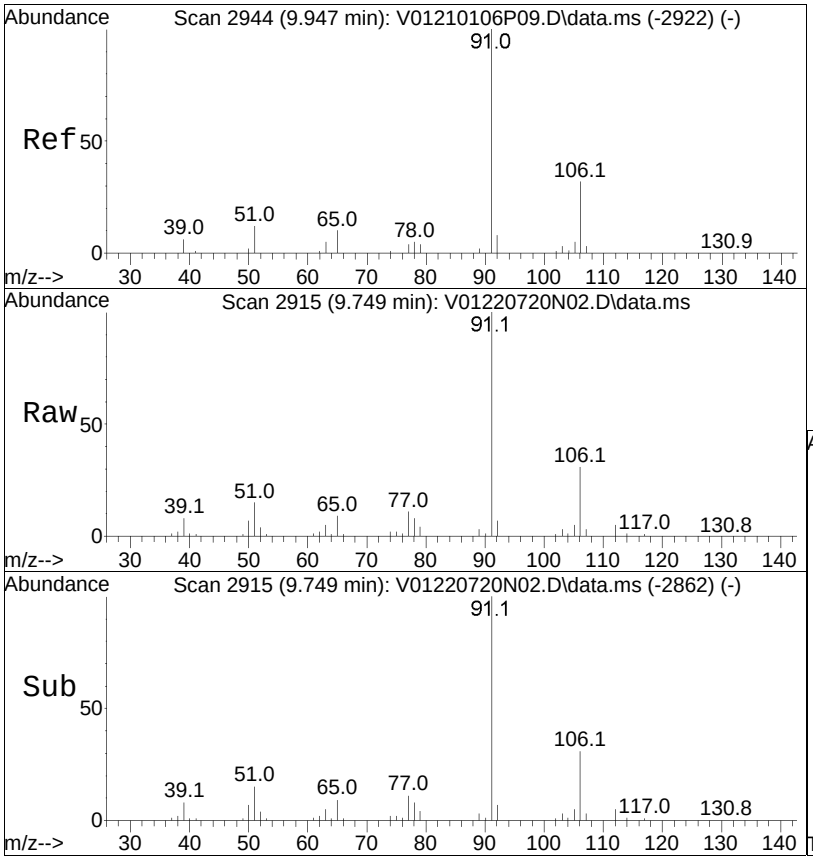


#73
Chlorobenzene
Concen: 10.28 ug/L
RT: 9.713 min Scan# 2902
Delta R.T. -0.000 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion:112 Resp: 207757

Ion	Ratio	Lower	Upper
112	100		
77	74.9	59.8	89.6
114	31.8	25.4	38.2

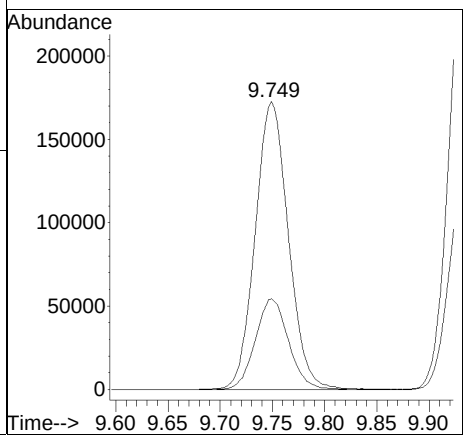


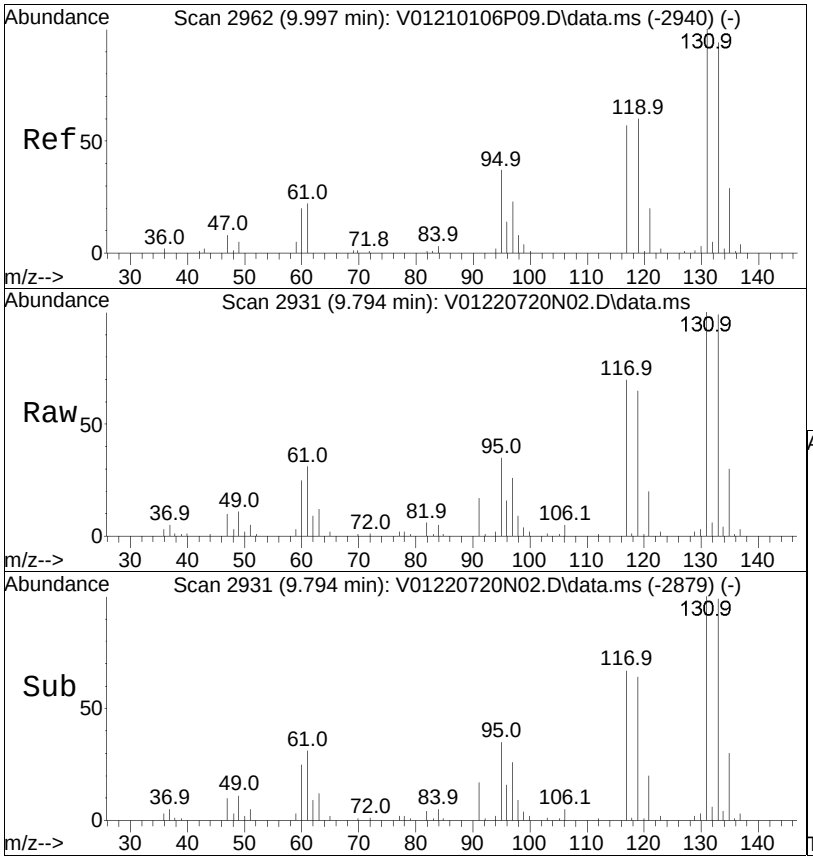


#74
Ethylbenzene
Concen: 10.27 ug/L
RT: 9.749 min Scan# 2915
Delta R.T. -0.003 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion: 91 Resp: 381356

Ion	Ratio	Lower	Upper
91	100		
106	31.4	24.7	37.1

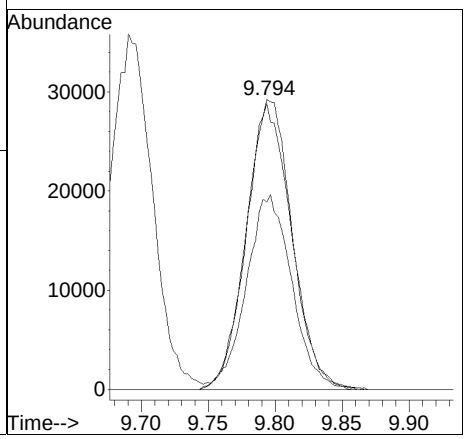


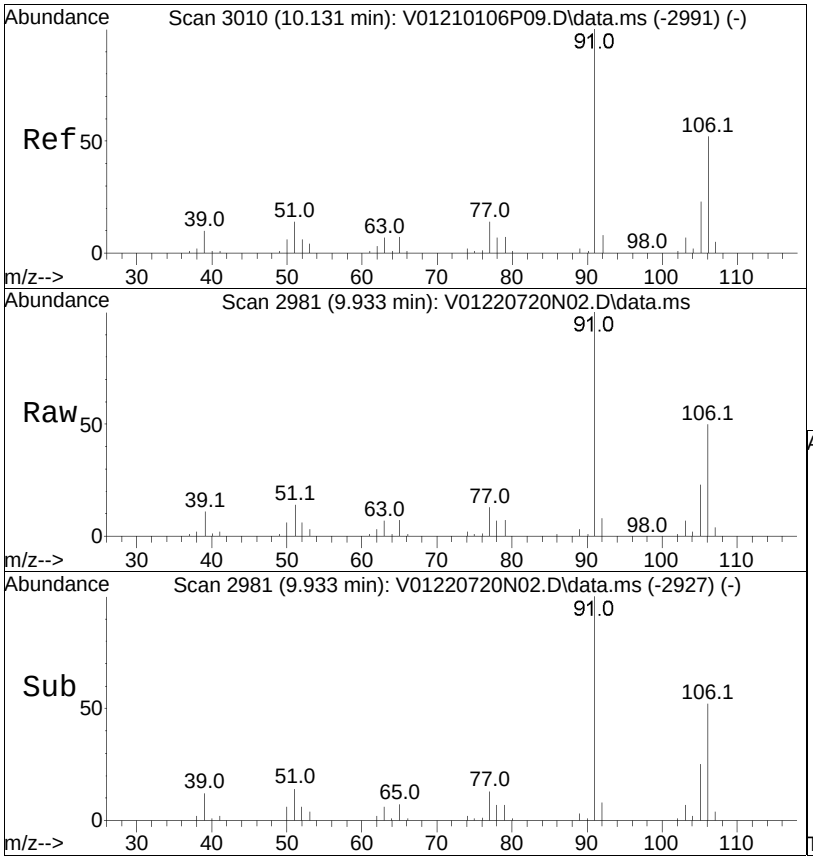


#75
1,1,1,2-Tetrachloroethane
Concen: 10.32 ug/L
RT: 9.794 min Scan# 2931
Delta R.T. -0.005 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion:131 Resp: 70029

Ion	Ratio	Lower	Upper
131	100		
133	96.1	75.8	115.8
119	66.1	45.8	85.8

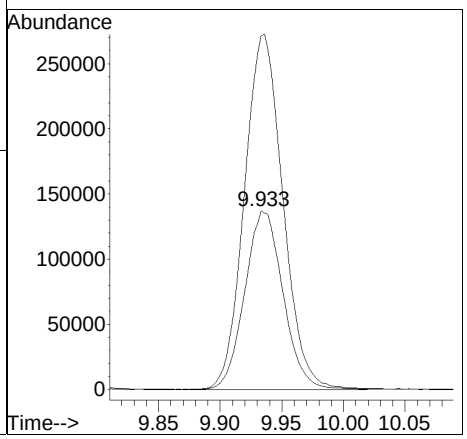


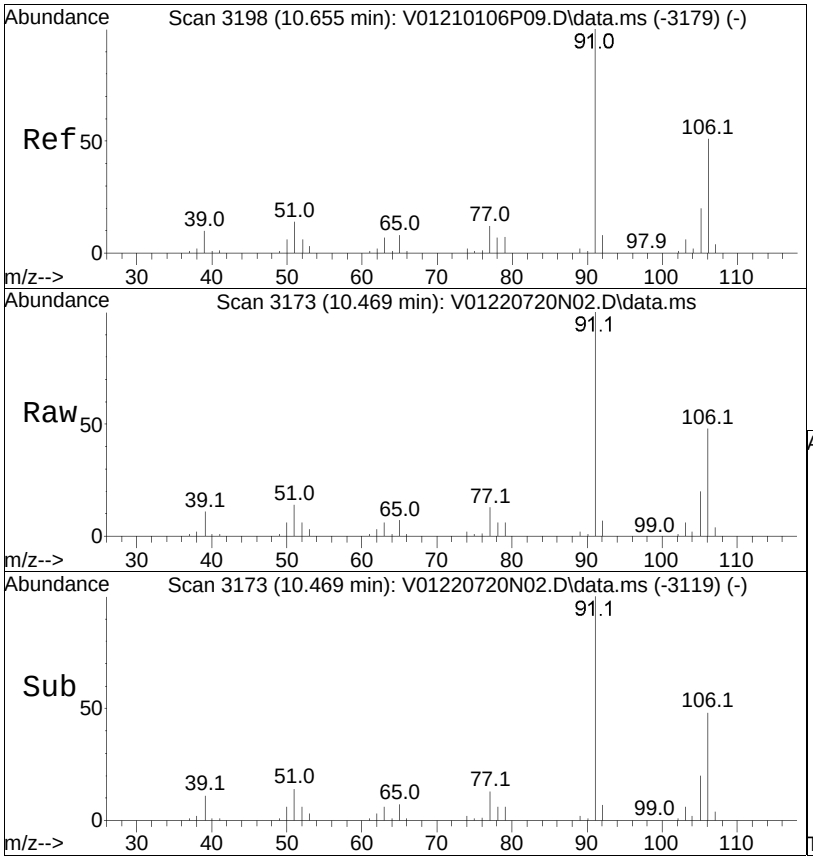


#76
p/m Xylene
Concen: 20.87 ug/L
RT: 9.933 min Scan# 2981
Delta R.T. 0.000 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion:106 Resp: 295815

Ion	Ratio	Lower	Upper
106	100		
91	200.2	162.9	244.3

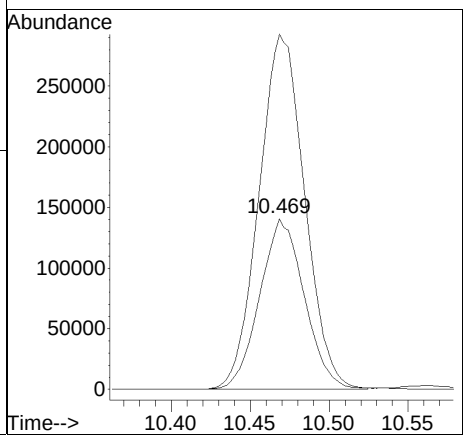


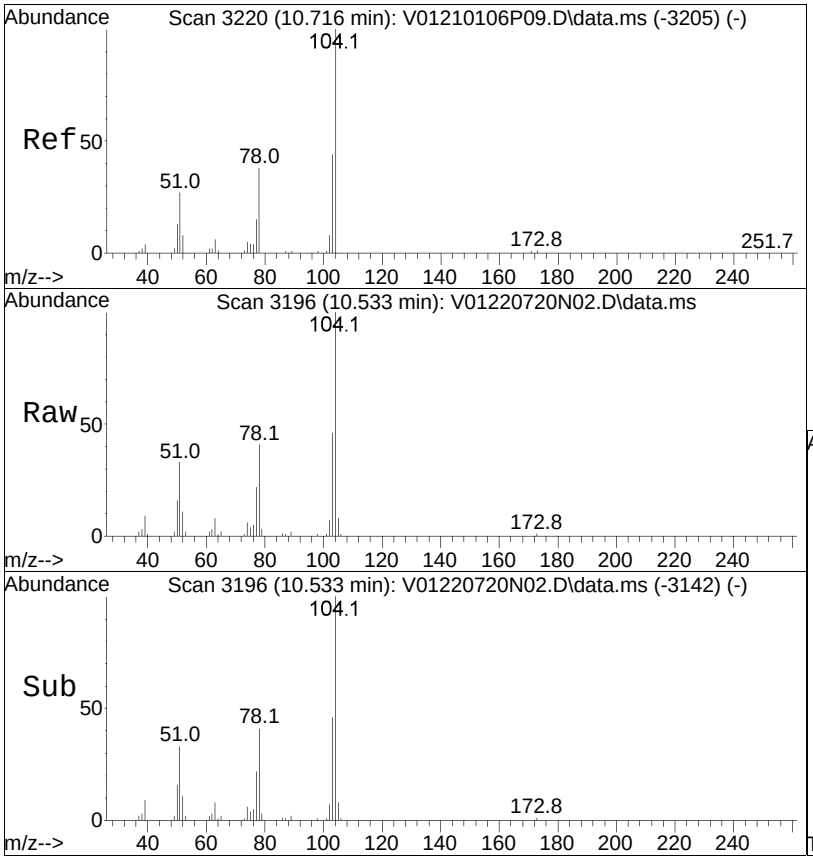


#77
o Xylene
Concen: 20.72 ug/L
RT: 10.469 min Scan# 3173
Delta R.T. -0.000 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion:106 Resp: 275908

Ion	Ratio	Lower	Upper
106	100		
91	213.5	171.2	256.8

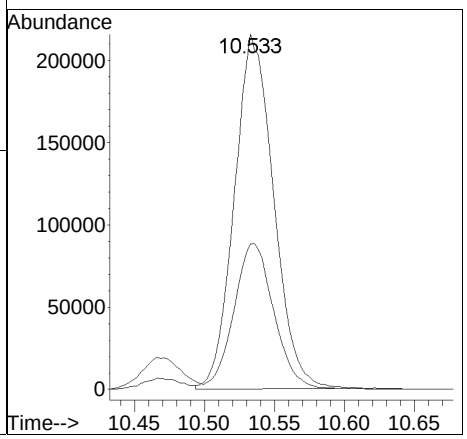


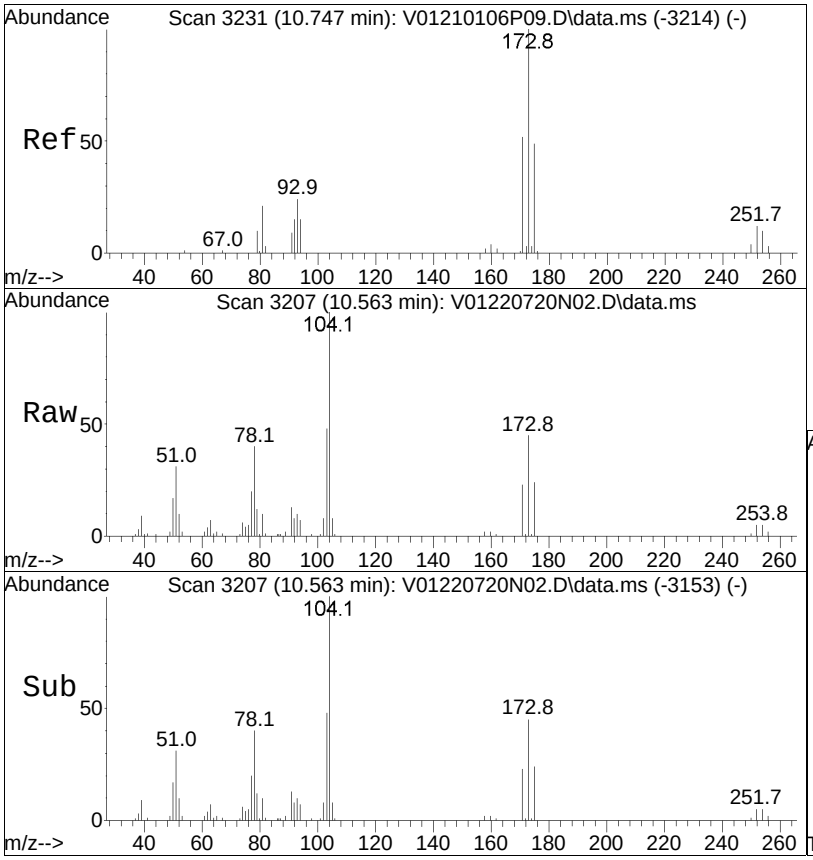


#78
Styrene
Concen: 20.76 ug/L
RT: 10.533 min Scan# 3196
Delta R.T. -0.000 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion:104 Resp: 420214

Ion	Ratio	Lower	Upper
104	100		
78	41.8	34.2	51.4

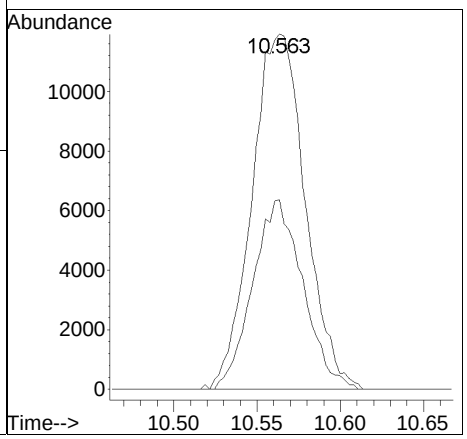


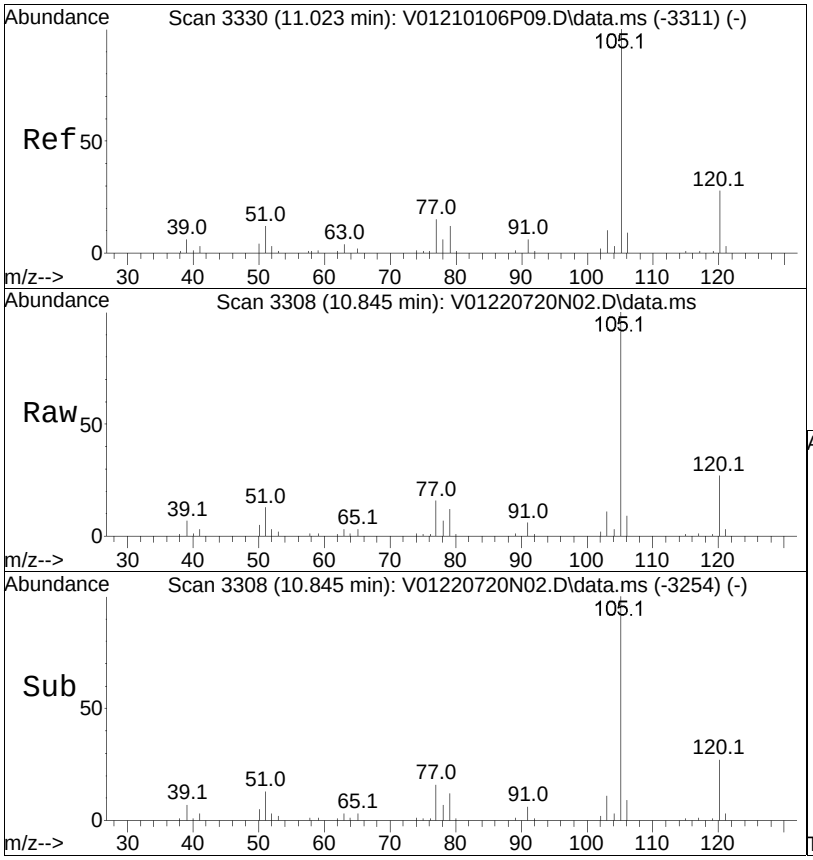


#80
Bromoform
Concen: 10.16 ug/L
RT: 10.563 min Scan# 3207
Delta R.T. 0.000 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion:173 Resp: 26607

Ion	Ratio	Lower	Upper
173	100		
175	50.1	28.6	68.6

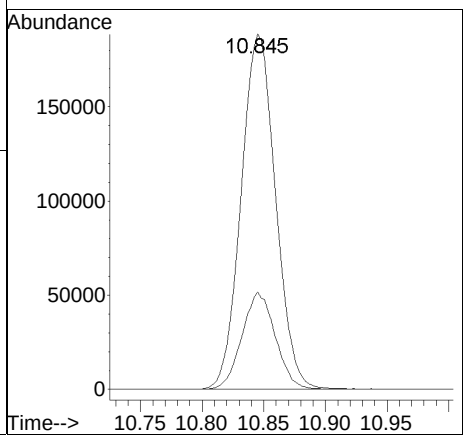


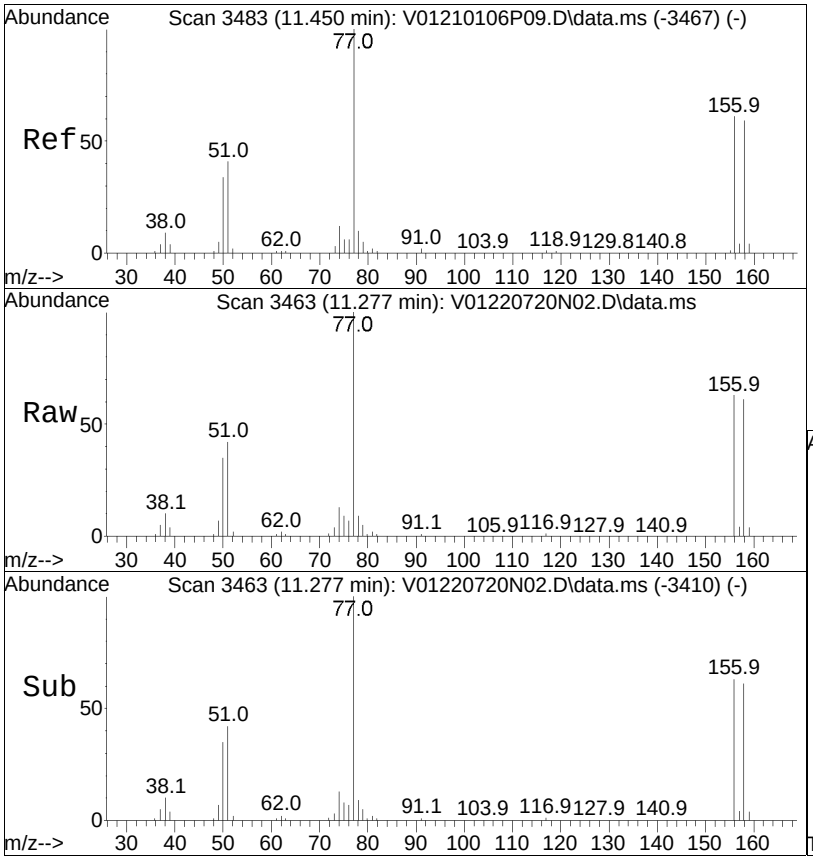


#82
Isopropylbenzene
Concen: 10.40 ug/L
RT: 10.845 min Scan# 3308
Delta R.T. 0.000 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion:105 Resp: 366779

Ion	Ratio	Lower	Upper
105	100		
120	26.5	7.3	47.3

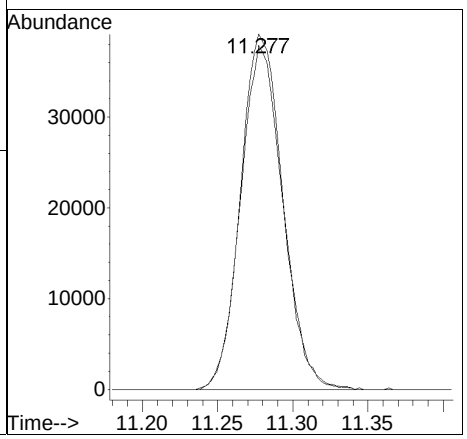


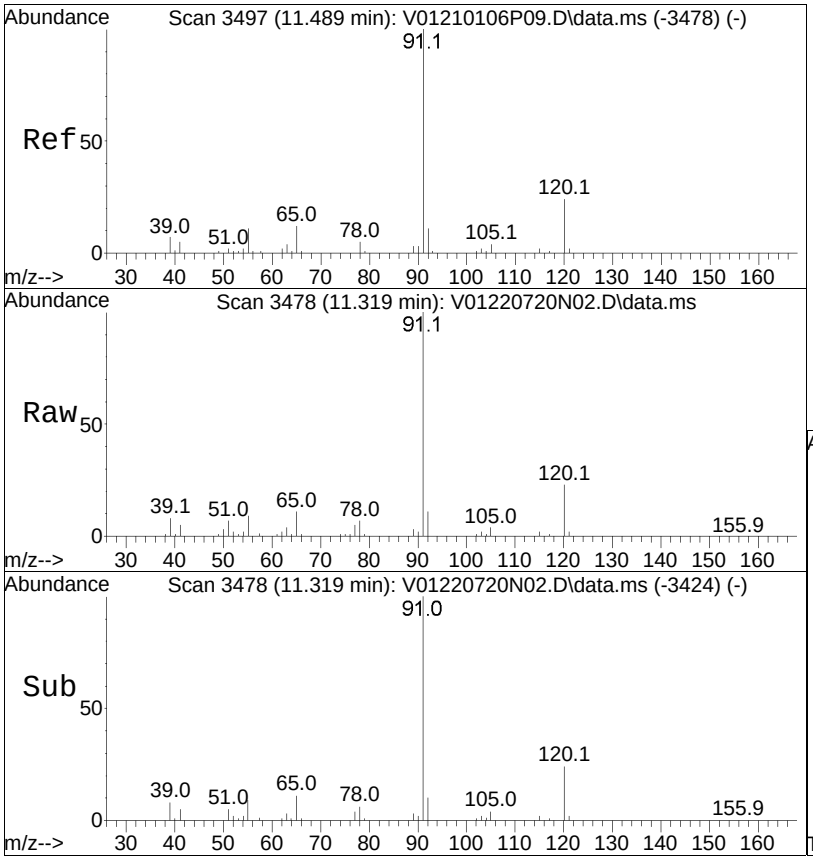


#84
Bromobenzene
Concen: 10.49 ug/L
RT: 11.277 min Scan# 3463
Delta R.T. -0.003 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion:156 Resp: 76886

Ion	Ratio	Lower	Upper
156	100		
158	96.0	78.2	117.4

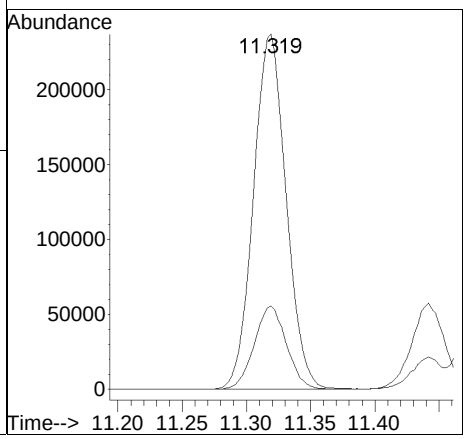


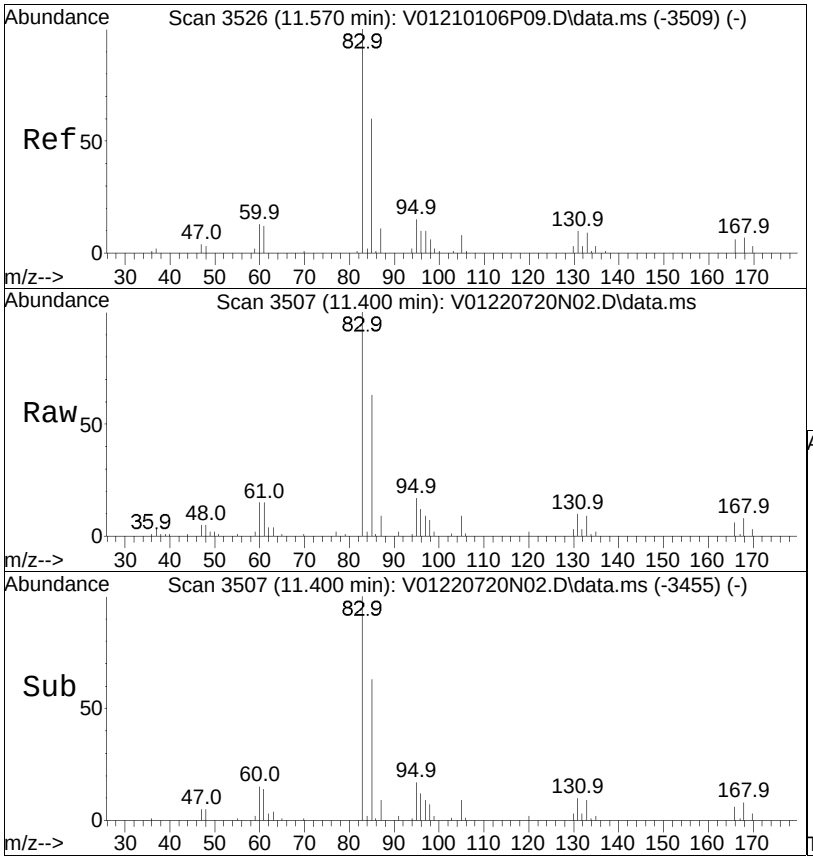


#85
n-Propylbenzene
Concen: 10.34 ug/L
RT: 11.319 min Scan# 3478
Delta R.T. 0.000 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion: 91 Resp: 419741

Ion	Ratio	Lower	Upper
91	100		
120	23.1	18.6	28.0

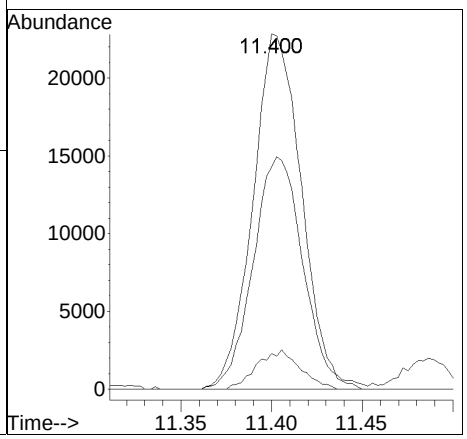


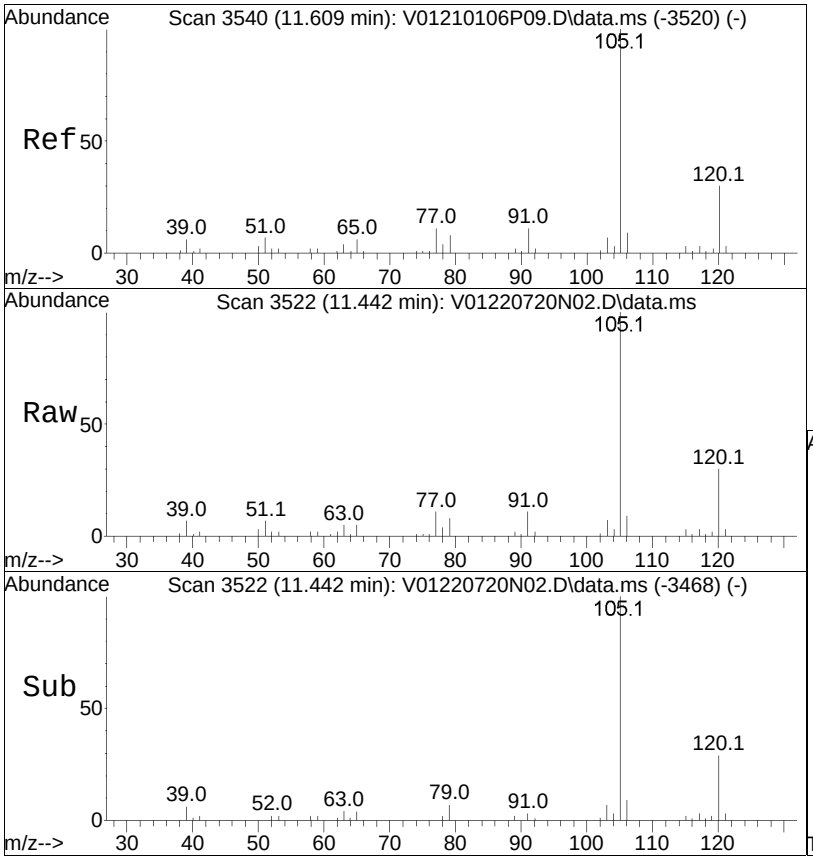


#87
1,1,2,2-Tetrachloroethane
Concen: 10.55 ug/L
RT: 11.400 min Scan# 3507
Delta R.T. -0.006 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion: 83 Resp: 42465

Ion	Ratio	Lower	Upper
83	100		
131	10.0	0.0	30.1
85	67.9	45.8	85.8

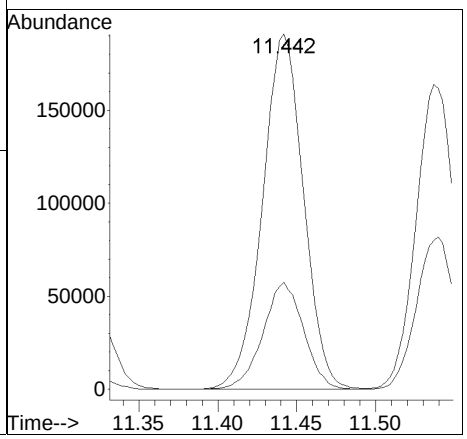


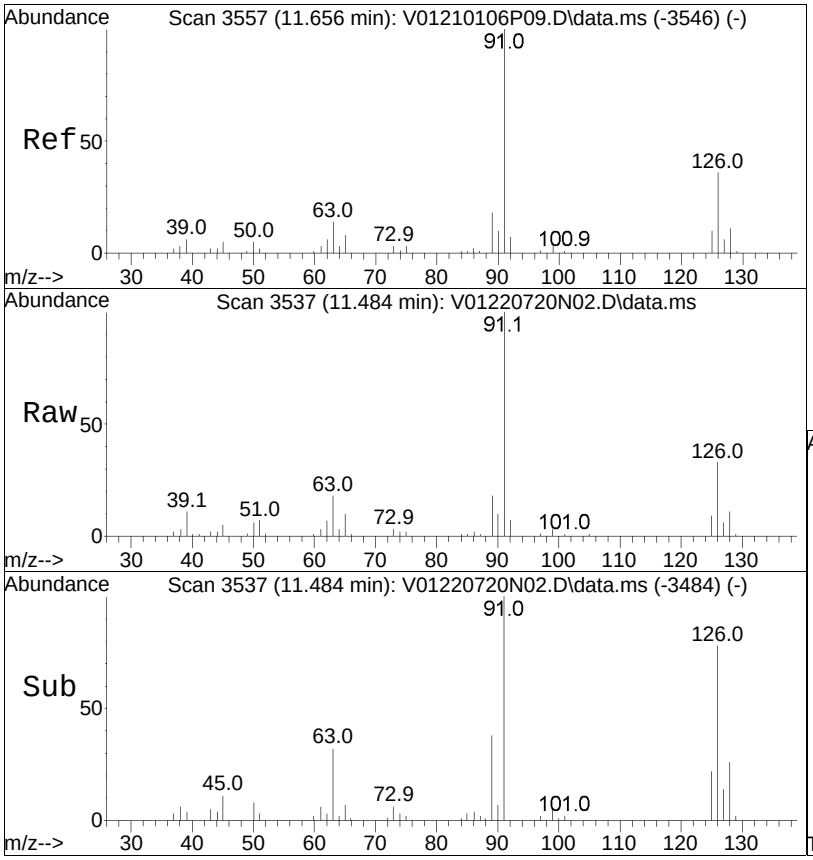


#88
4-Ethyltoluene
Concen: 10.41 ug/L
RT: 11.442 min Scan# 3522
Delta R.T. -0.000 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion:105 Resp: 345502

Ion	Ratio	Lower	Upper
105	100		
120	29.9	19.8	41.0

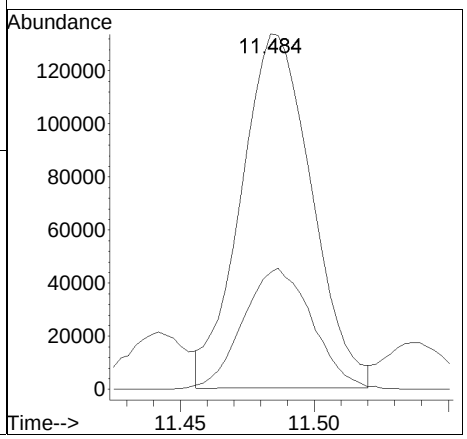


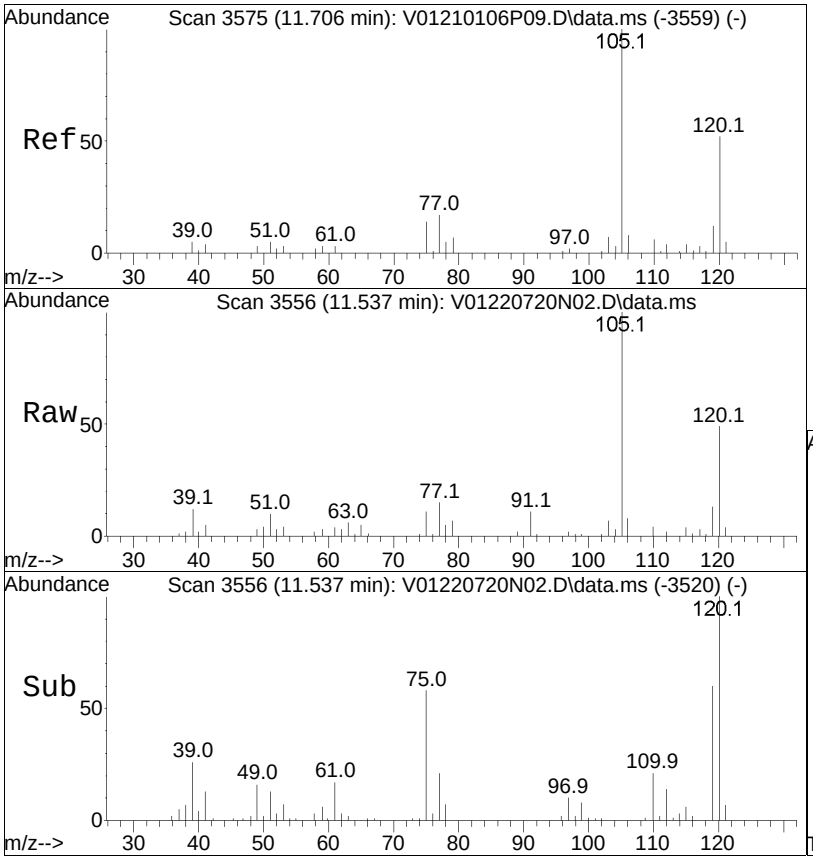


#89
2-Chlorotoluene
Concen: 10.20 ug/L
RT: 11.484 min Scan# 3537
Delta R.T. -0.002 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion: 91 Resp: 244863

Ion	Ratio	Lower	Upper
91	100		
126	33.7	27.1	40.7

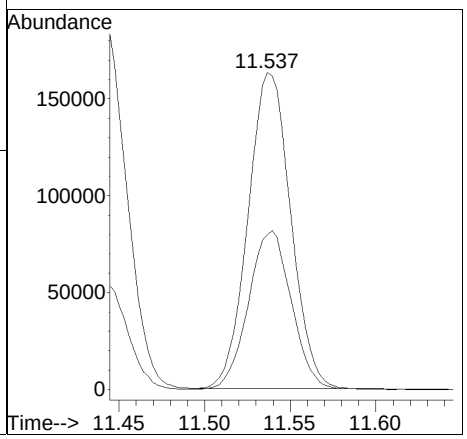


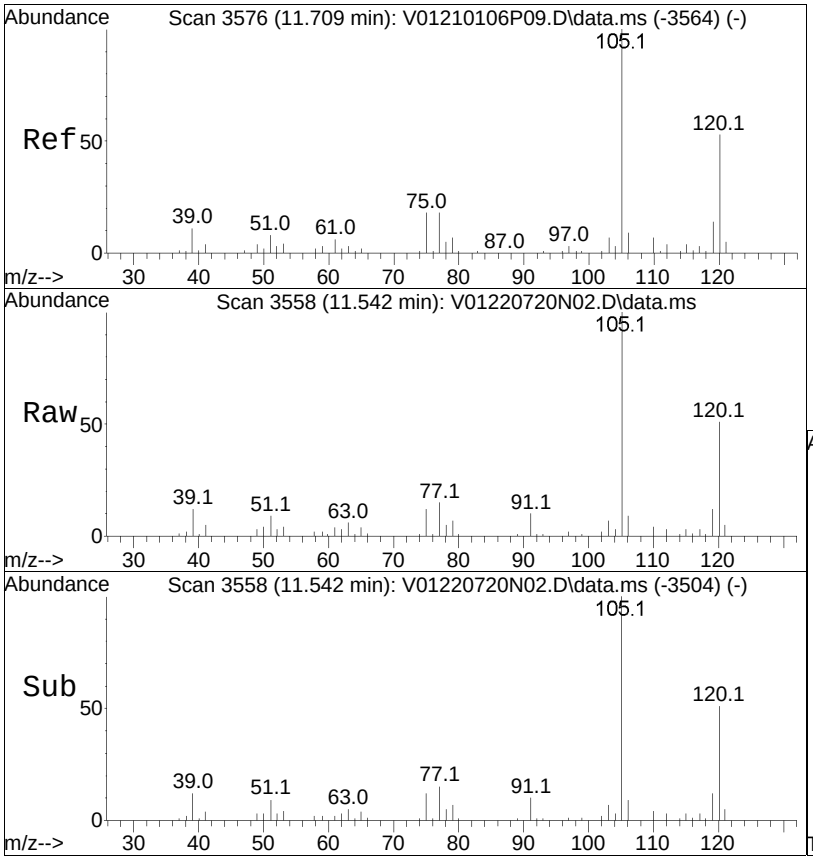


#90
1,3,5-Trimethylbenzene
Concen: 10.26 ug/L
RT: 11.537 min Scan# 3556
Delta R.T. -0.000 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion:105 Resp: 283182

Ion	Ratio	Lower	Upper
105	100		
120	50.5	40.6	60.8

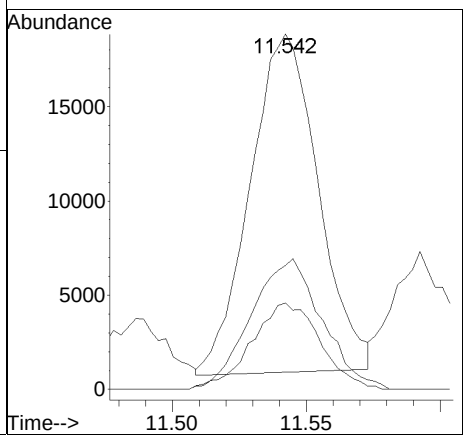


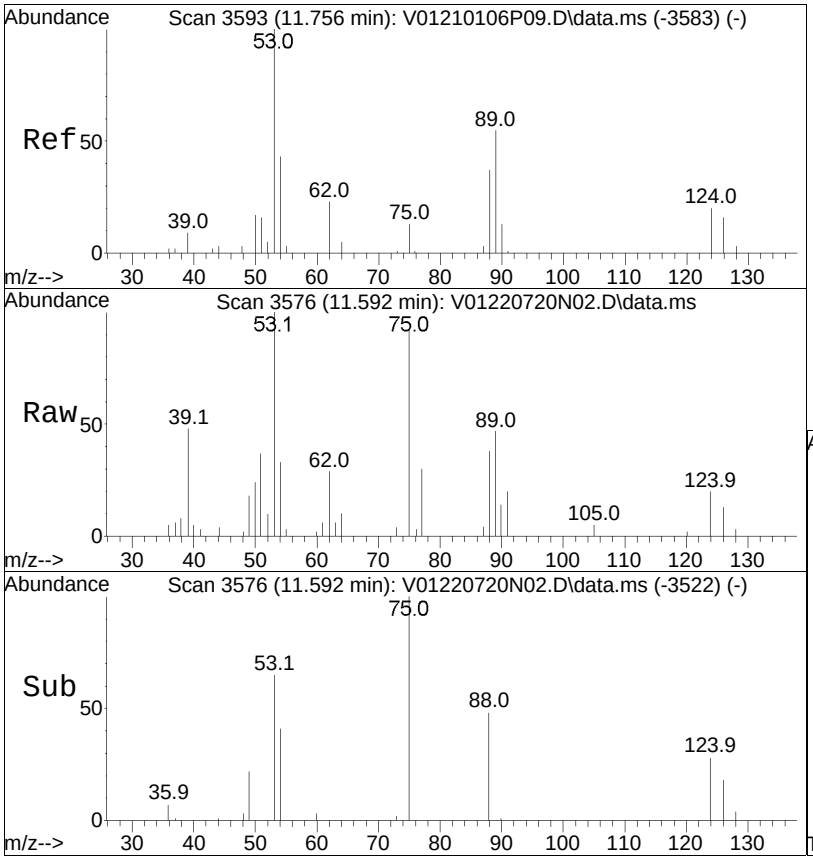


#91
1,2,3-Trichloropropane
Concen: 9.22 ug/L
RT: 11.542 min Scan# 3558
Delta R.T. 0.000 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion: 75 Resp: 31748

Ion	Ratio	Lower	Upper
75	100		
110	40.2	26.5	54.9
112	25.7	17.0	35.2

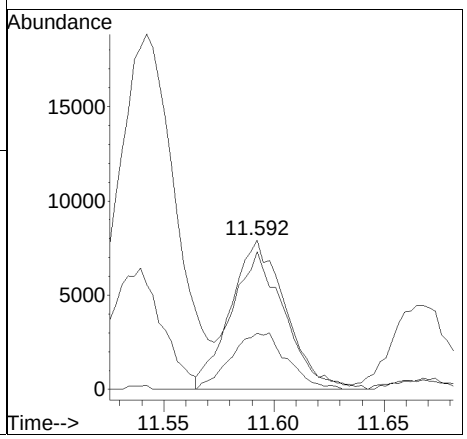


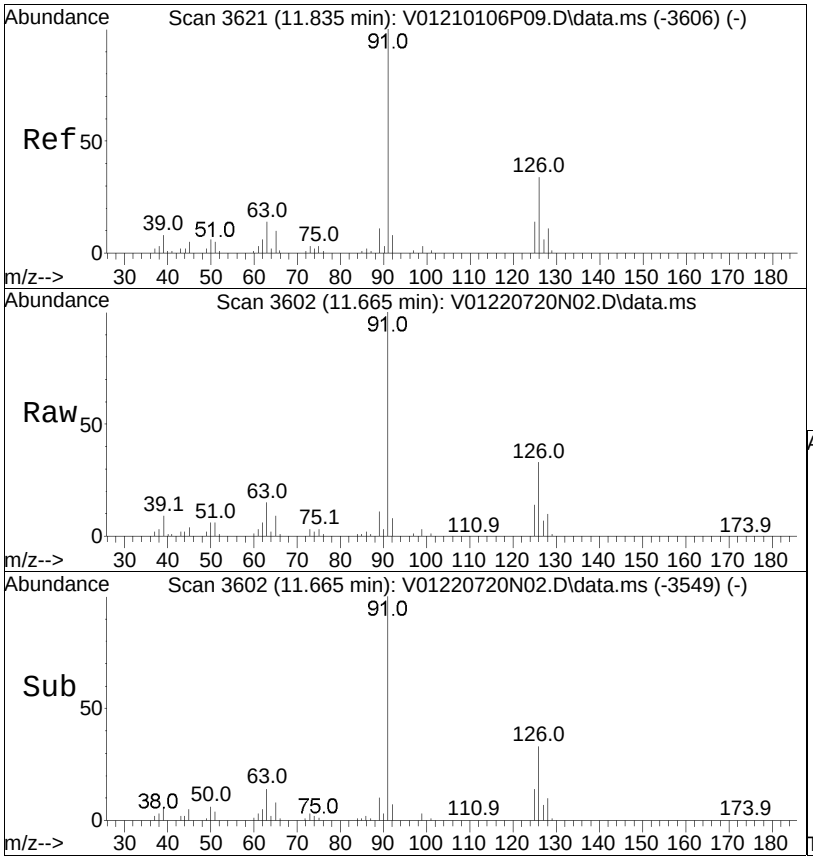


#92
trans-1,4-Dichloro-2-butene
Concen: 9.72 ug/L
RT: 11.592 min Scan# 3576
Delta R.T. 0.000 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion: 53 Resp: 13888

Ion	Ratio	Lower	Upper
53	100		
88	38.4	46.0	69.0#
75	80.4	107.0	160.4#

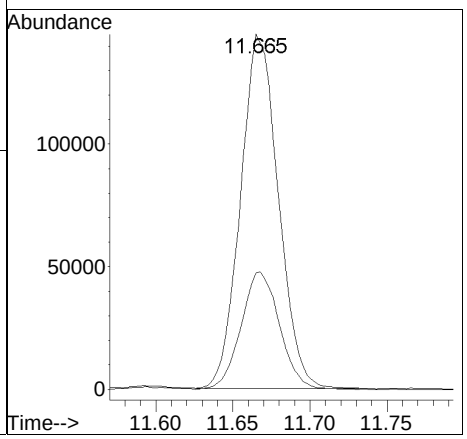


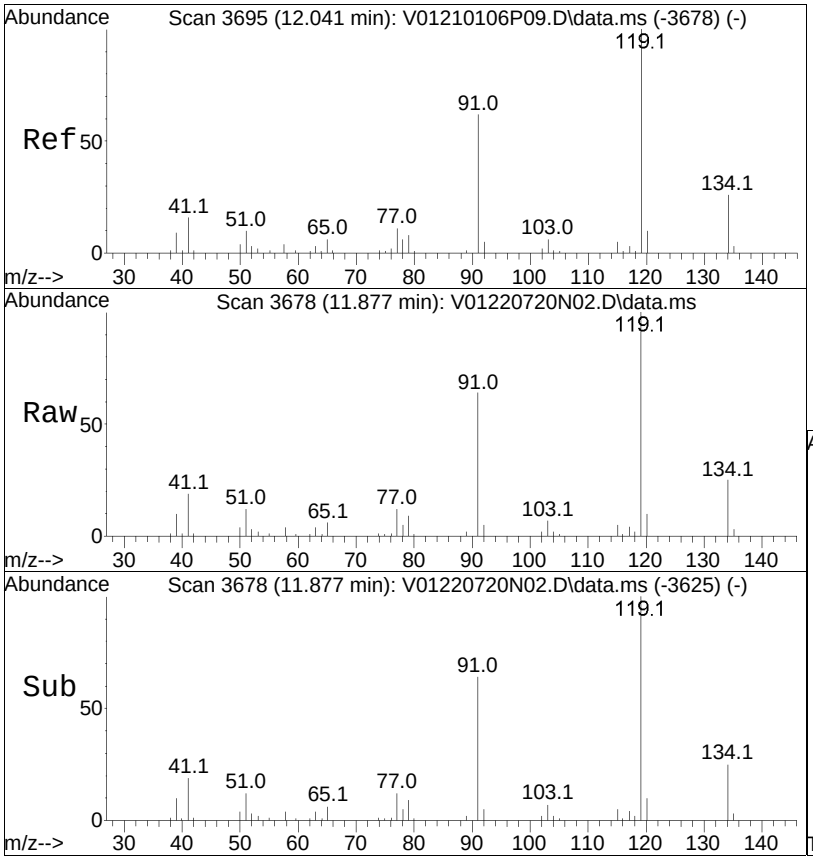


#93
4-Chlorotoluene
Concen: 10.36 ug/L
RT: 11.665 min Scan# 3602
Delta R.T. -0.003 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion: 91 Resp: 247180

Ion	Ratio	Lower	Upper
91	100		
126	33.8	28.2	42.2

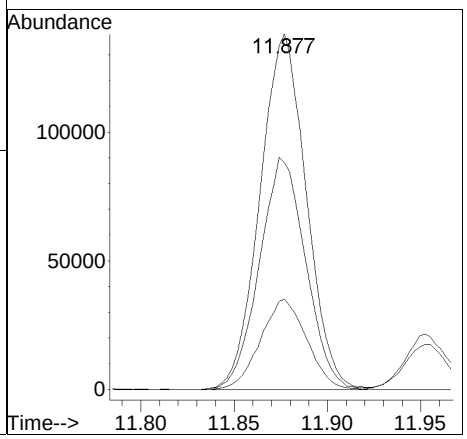


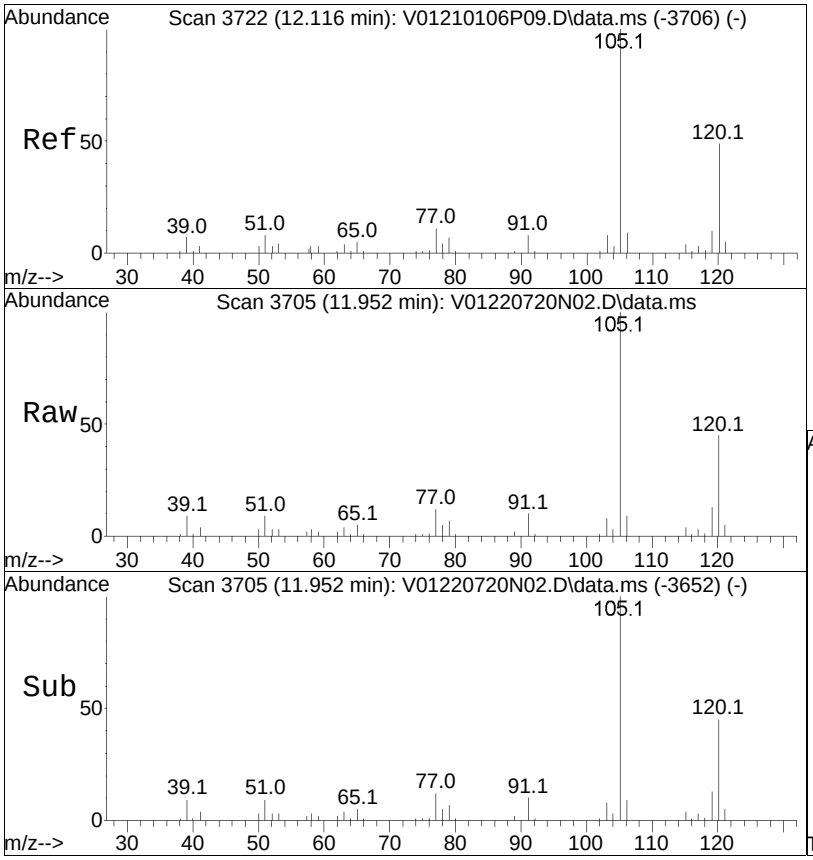


#94
tert-Butylbenzene
Concen: 10.41 ug/L
RT: 11.877 min Scan# 3678
Delta R.T. -0.000 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion:119 Resp: 238020

Ion	Ratio	Lower	Upper
119	100		
91	65.4	52.5	78.7
134	25.3	20.9	31.3

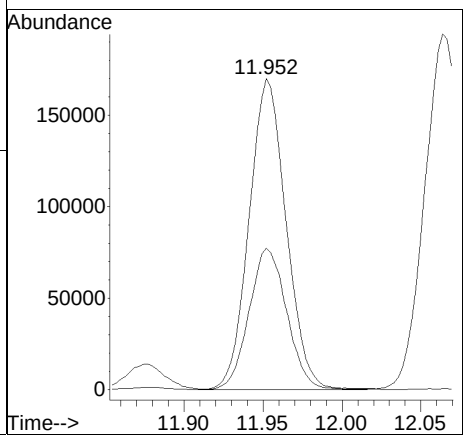


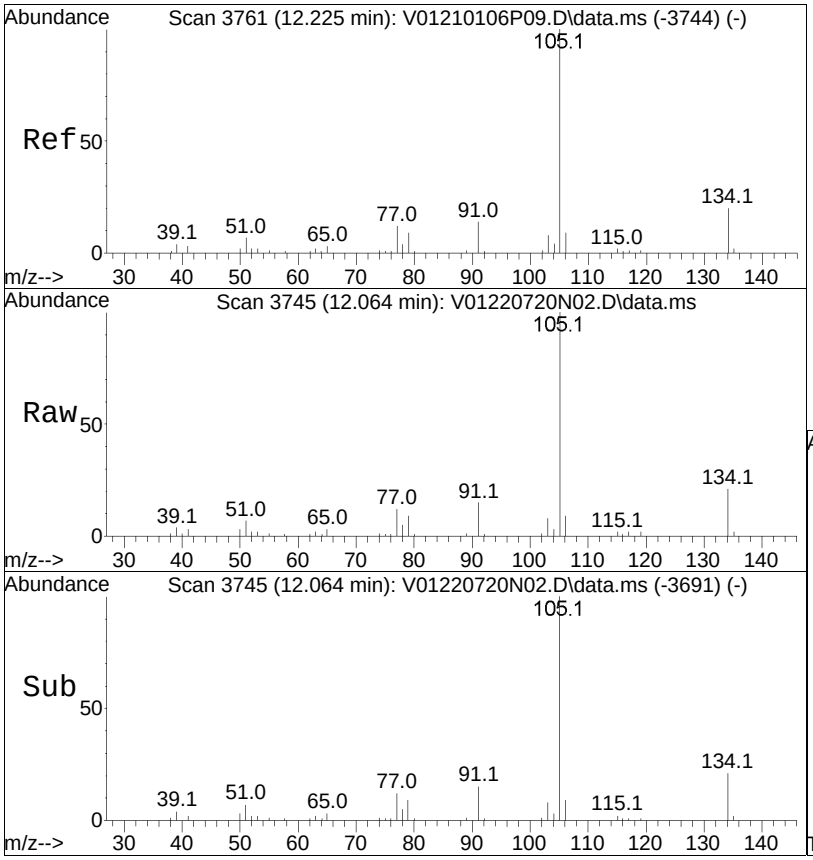


#97
1,2,4-Trimethylbenzene
Concen: 10.52 ug/L
RT: 11.952 min Scan# 3705
Delta R.T. -0.003 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion:105 Resp: 276433

Ion	Ratio	Lower	Upper
105	100		
120	46.3	37.8	56.6

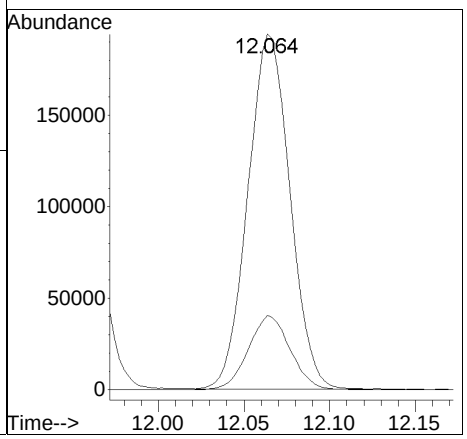


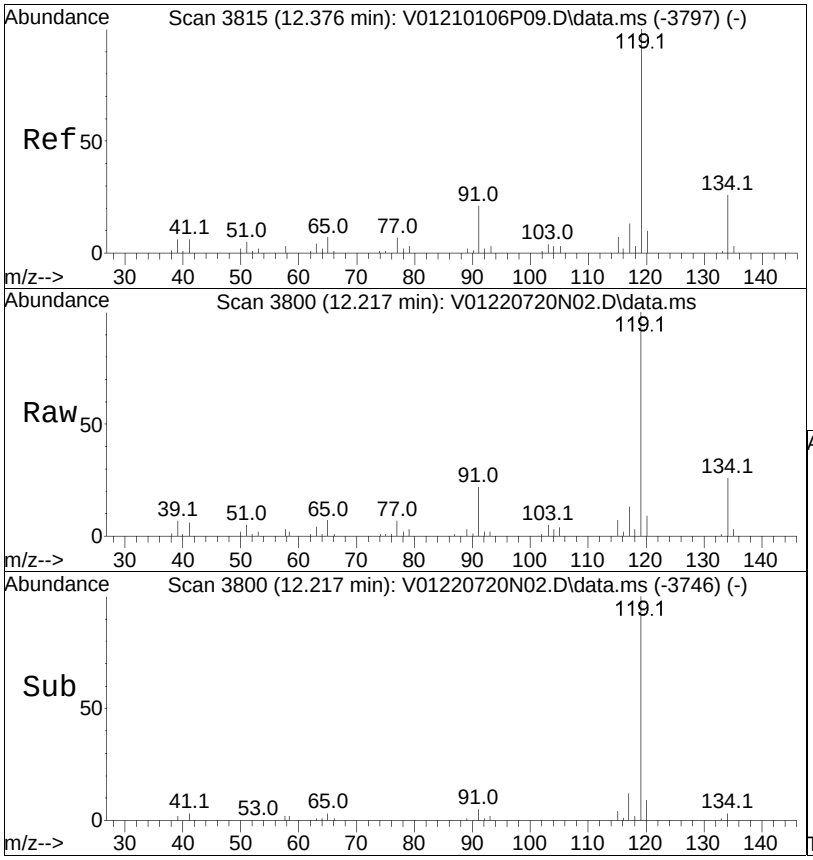


#98
sec-Butylbenzene
Concen: 10.32 ug/L
RT: 12.064 min Scan# 3745
Delta R.T. -0.000 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion:105 Resp: 331328

Ion	Ratio	Lower	Upper
105	100		
134	20.5	14.0	29.0

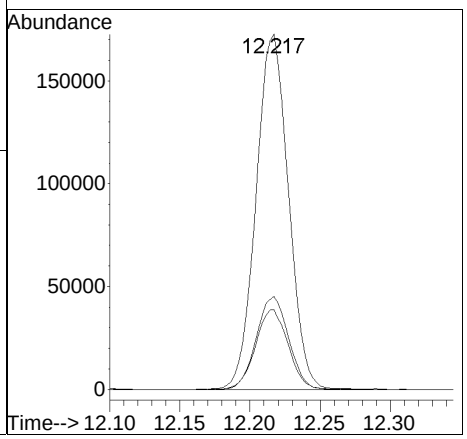


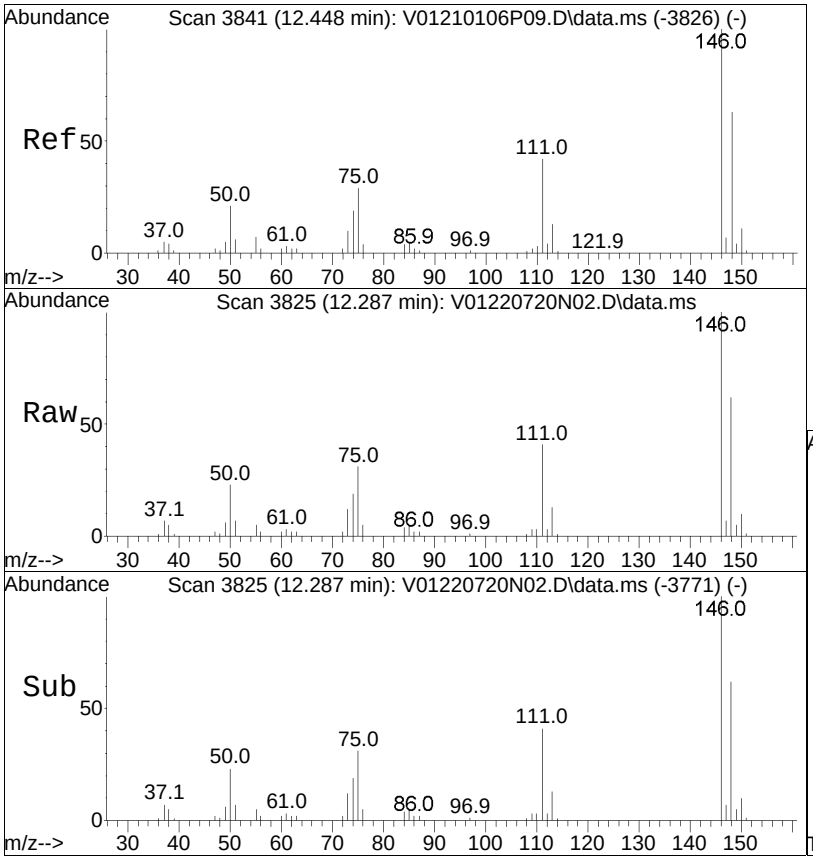


#99
p-Isopropyltoluene
Concen: 10.48 ug/L
RT: 12.217 min Scan# 3800
Delta R.T. 0.000 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion:119 Resp: 277907

Ion	Ratio	Lower	Upper
119	100		
134	26.0	17.7	36.7
91	22.6	15.4	32.0

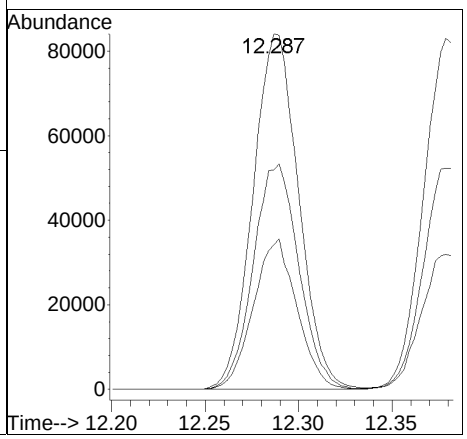


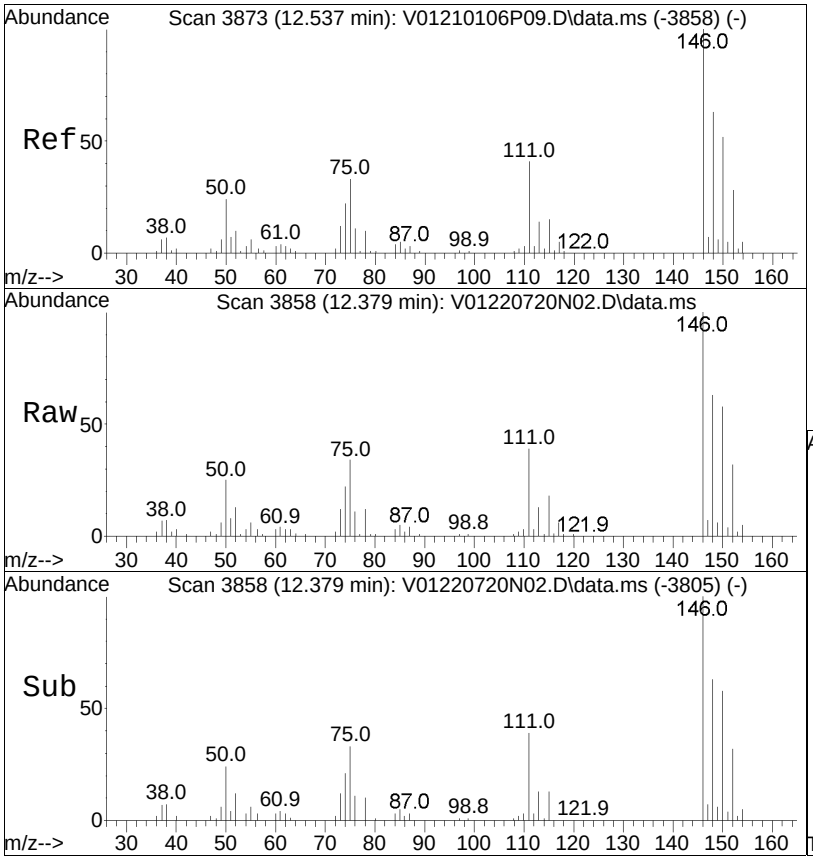


#100
1,3-Dichlorobenzene
Concen: 10.36 ug/L
RT: 12.287 min Scan# 3825
Delta R.T. -0.000 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion:146 Resp: 143222

Ion	Ratio	Lower	Upper
146	100		
111	40.4	25.9	53.9
148	63.4	41.5	86.3

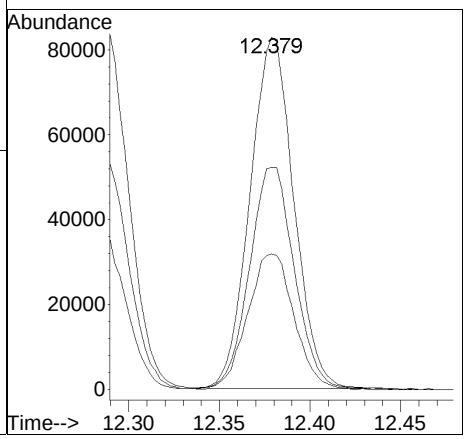


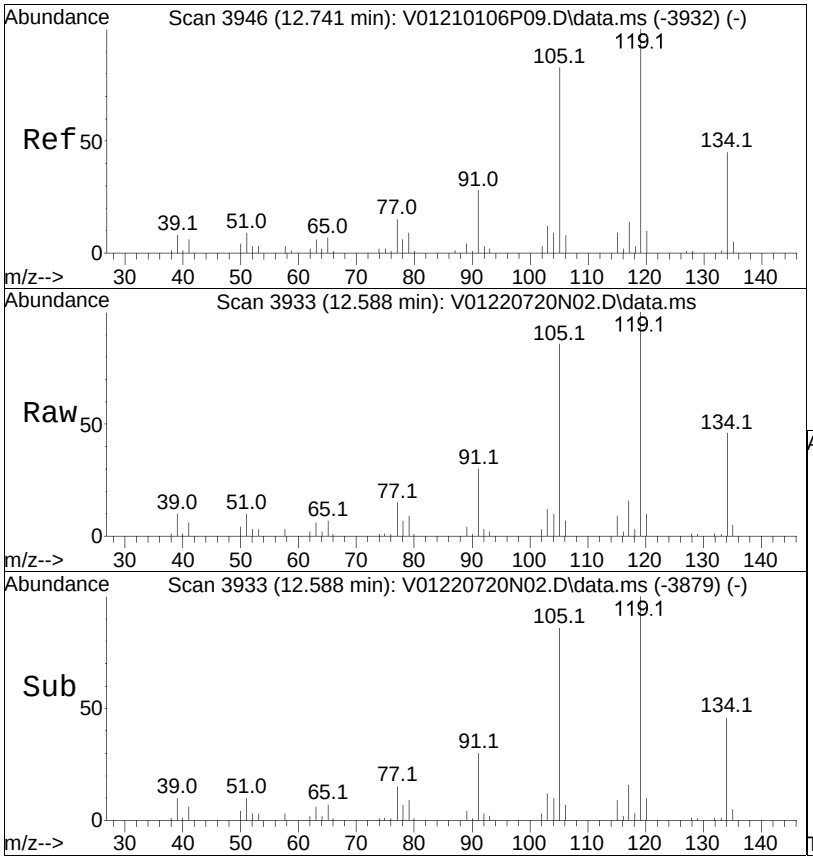


#101
1,4-Dichlorobenzene
Concen: 10.09 ug/L
RT: 12.379 min Scan# 3858
Delta R.T. -0.003 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion:146 Resp: 139345

Ion	Ratio	Lower	Upper
146	100		
111	40.9	31.7	47.5
148	65.1	51.5	77.3

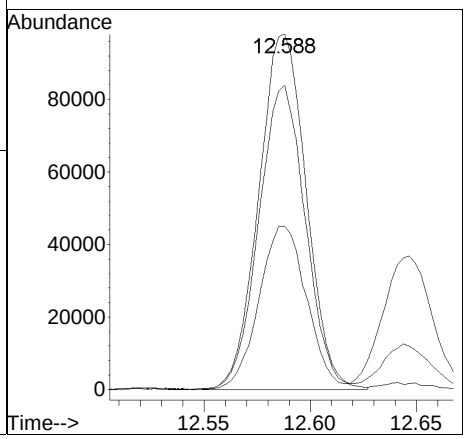


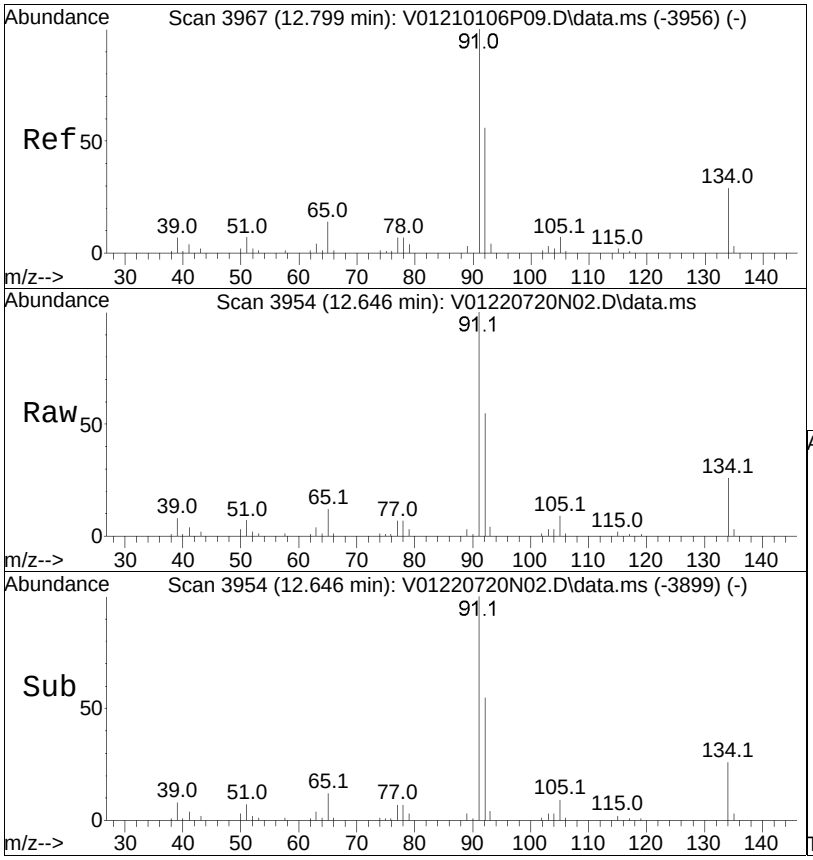


#102
p-Diethylbenzene
Concen: 10.35 ug/L
RT: 12.588 min Scan# 3933
Delta R.T. -0.000 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion:119 Resp: 152402

Ion	Ratio	Lower	Upper
119	100		
105	84.2	54.1	112.3
134	46.1	31.5	65.3

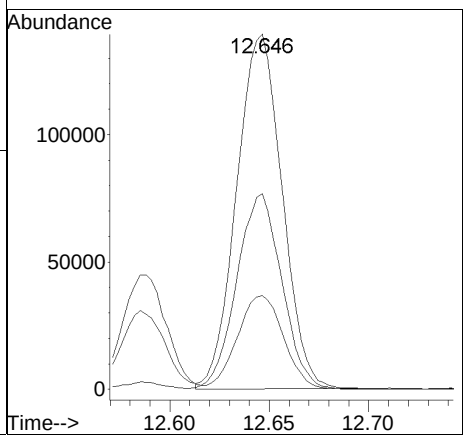


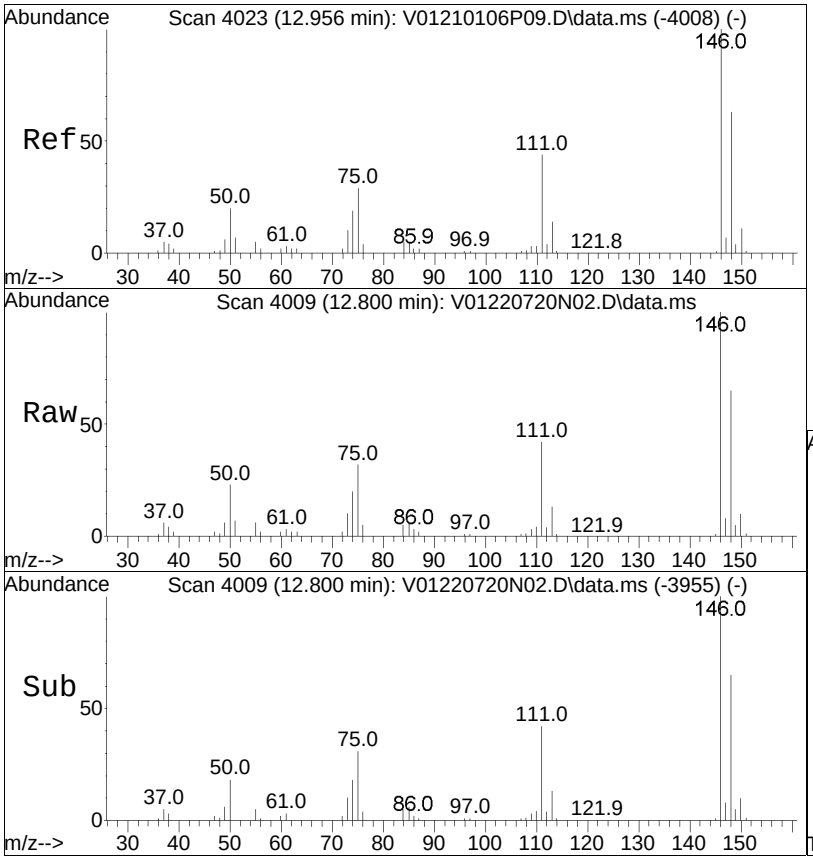


#103
n-Butylbenzene
Concen: 10.40 ug/L
RT: 12.646 min Scan# 3954
Delta R.T. 0.002 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion: 91 Resp: 221820

Ion	Ratio	Lower	Upper
91	100		
92	54.7	43.7	65.5
134	27.0	22.1	33.1

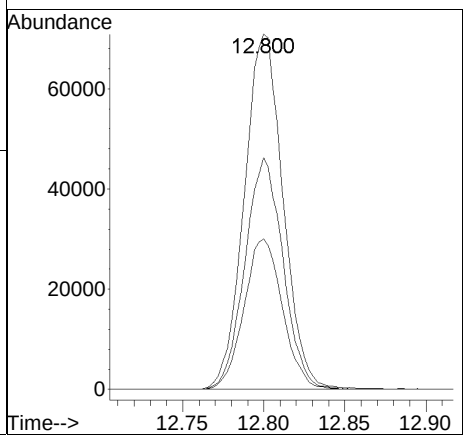


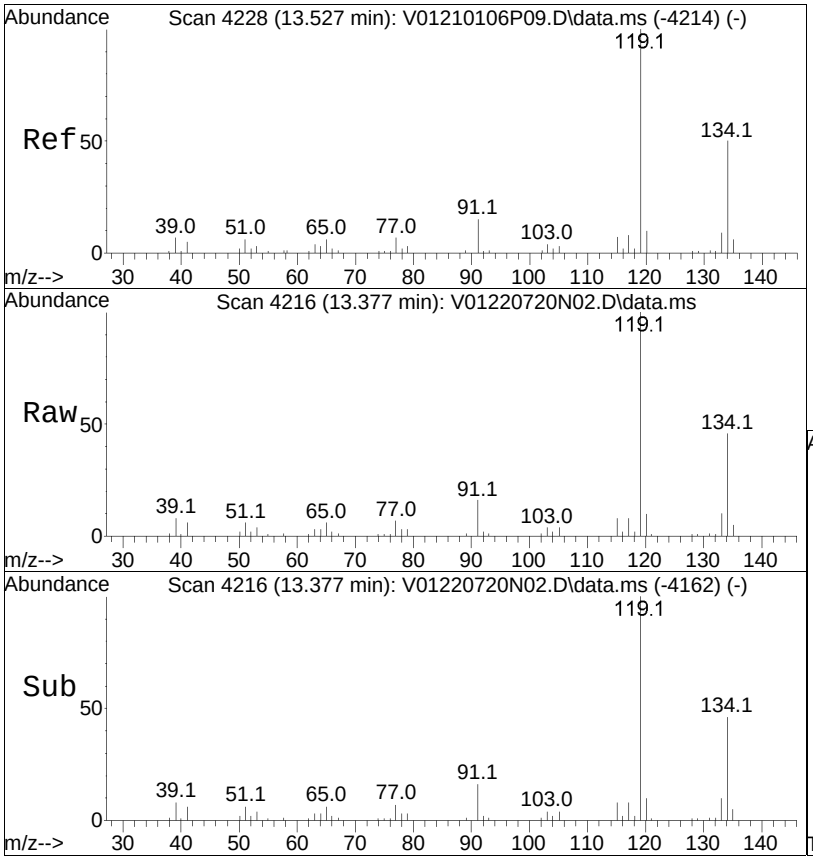


#104
1,2-Dichlorobenzene
Concen: 10.19 ug/L
RT: 12.800 min Scan# 4009
Delta R.T. -0.000 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion:146 Resp: 118347

Ion	Ratio	Lower	Upper
146	100		
111	42.0	26.8	55.8
148	63.8	41.6	86.4

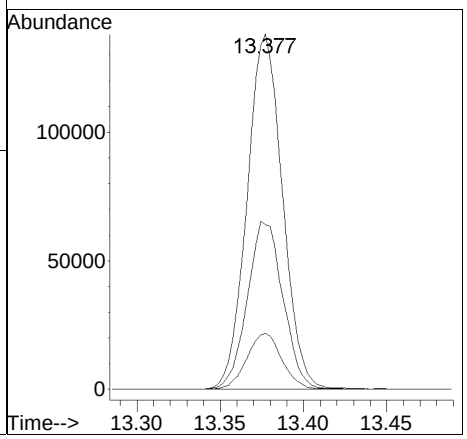


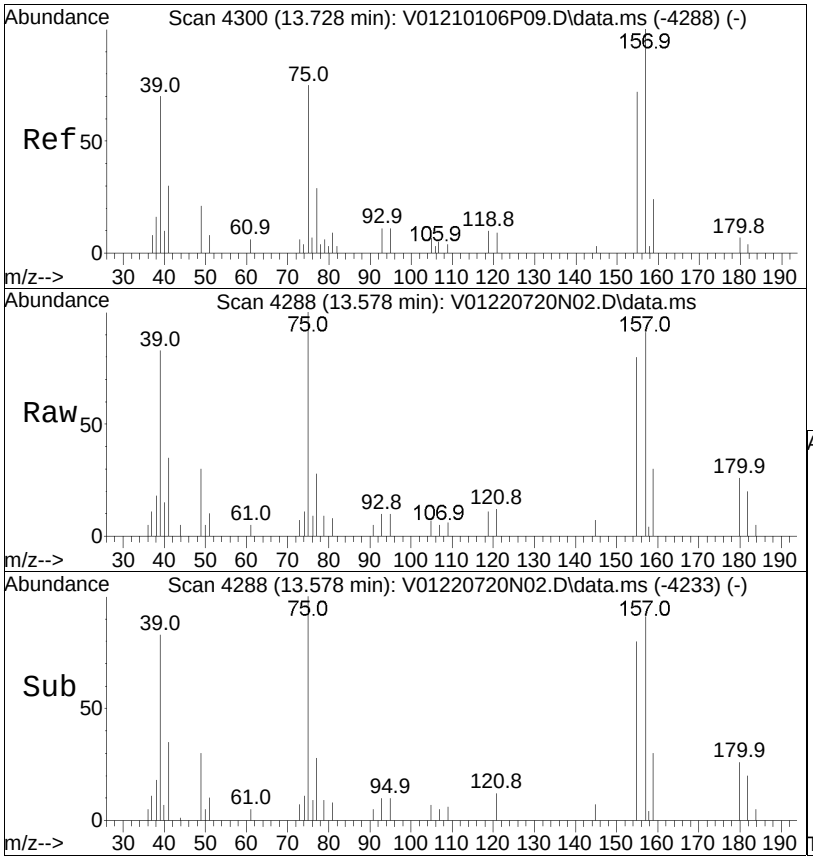


#105
1,2,4,5-Tetramethylbenzene
Concen: 10.39 ug/L
RT: 13.377 min Scan# 4216
Delta R.T. 0.000 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion:119 Resp: 204804

Ion	Ratio	Lower	Upper
119	100		
134	47.6	31.9	66.1
91	15.7	10.3	21.5

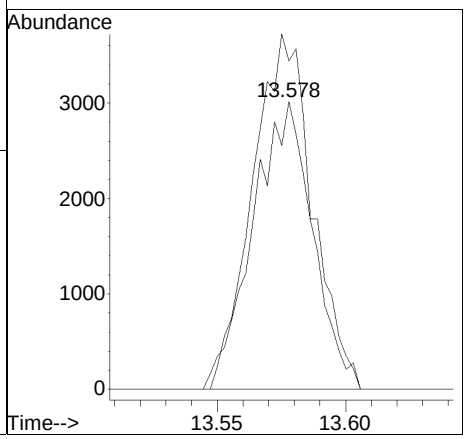


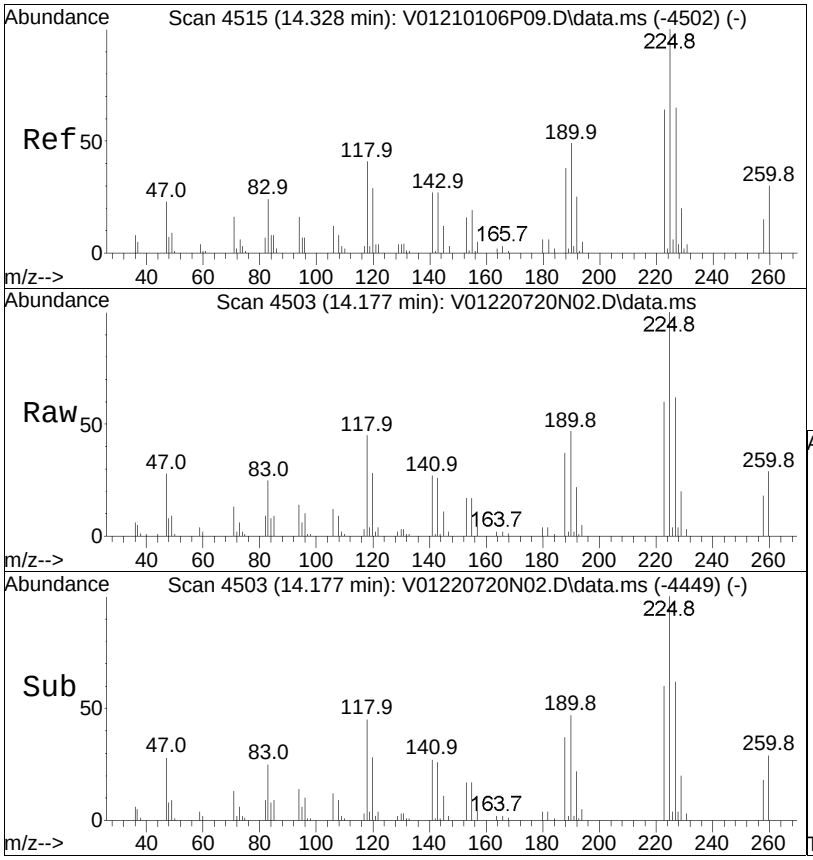


#106
1,2-Dibromo-3-chloropropane
Concen: 9.62 ug/L
RT: 13.578 min Scan# 4288
Delta R.T. 0.003 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion:155 Resp: 4888

Ion	Ratio	Lower	Upper
155	100		
157	123.4	101.1	151.7

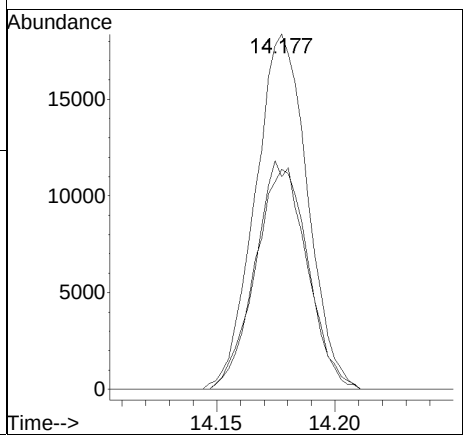


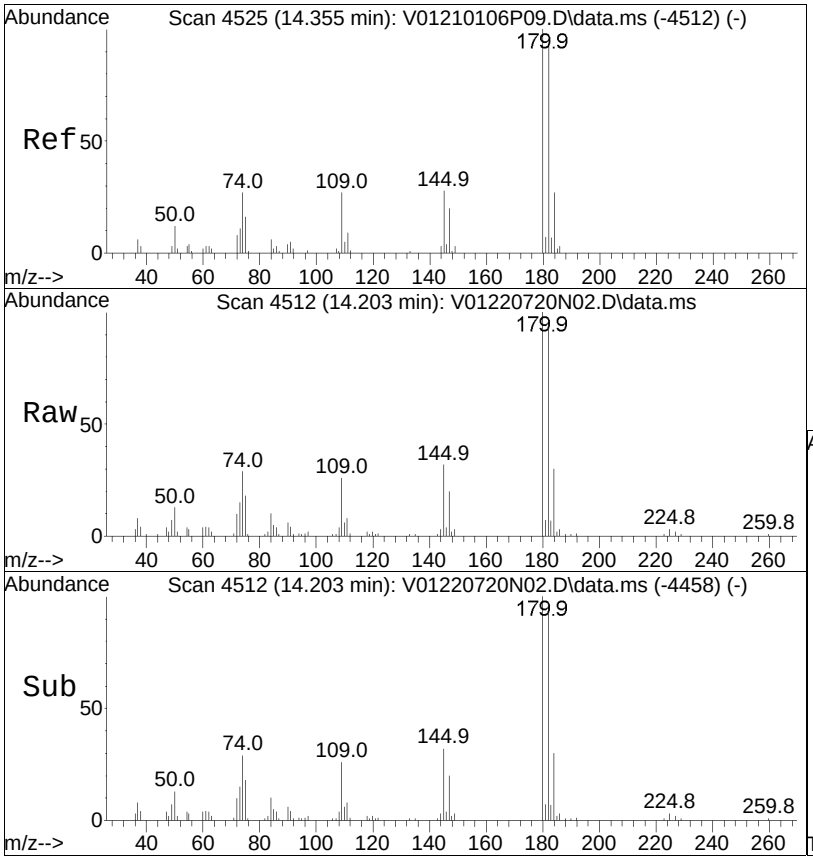


#108
Hexachlorobutadiene
Concen: 10.70 ug/L
RT: 14.177 min Scan# 4503
Delta R.T. -0.001 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion:225 Resp: 28299

Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.0	76.4
227	63.3	52.2	78.4

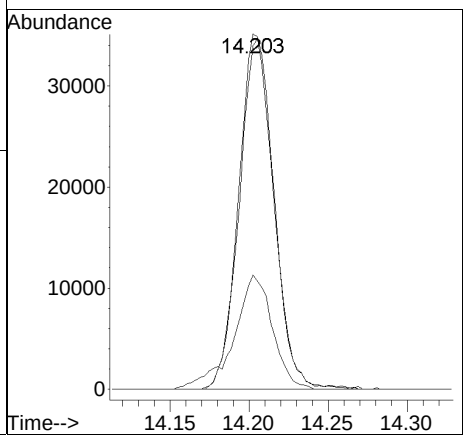


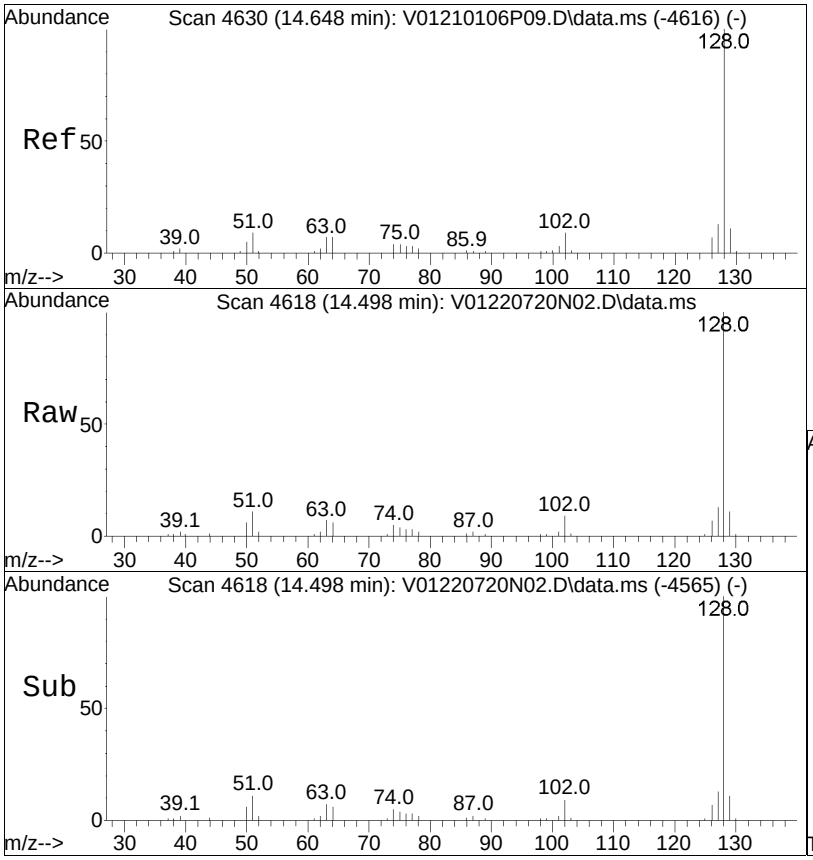


#109
1,2,4-Trichlorobenzene
Concen: 10.23 ug/L
RT: 14.203 min Scan# 4512
Delta R.T. -0.000 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion:180 Resp: 54973

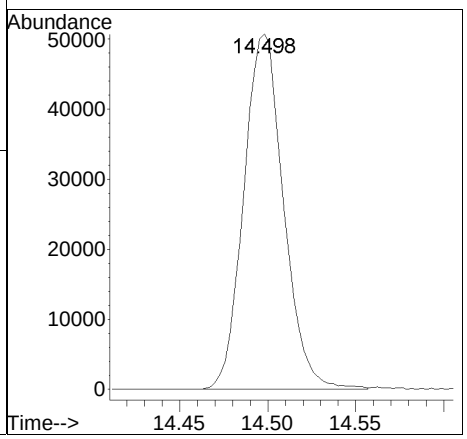
Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.8	113.8
145	35.2	26.1	39.1

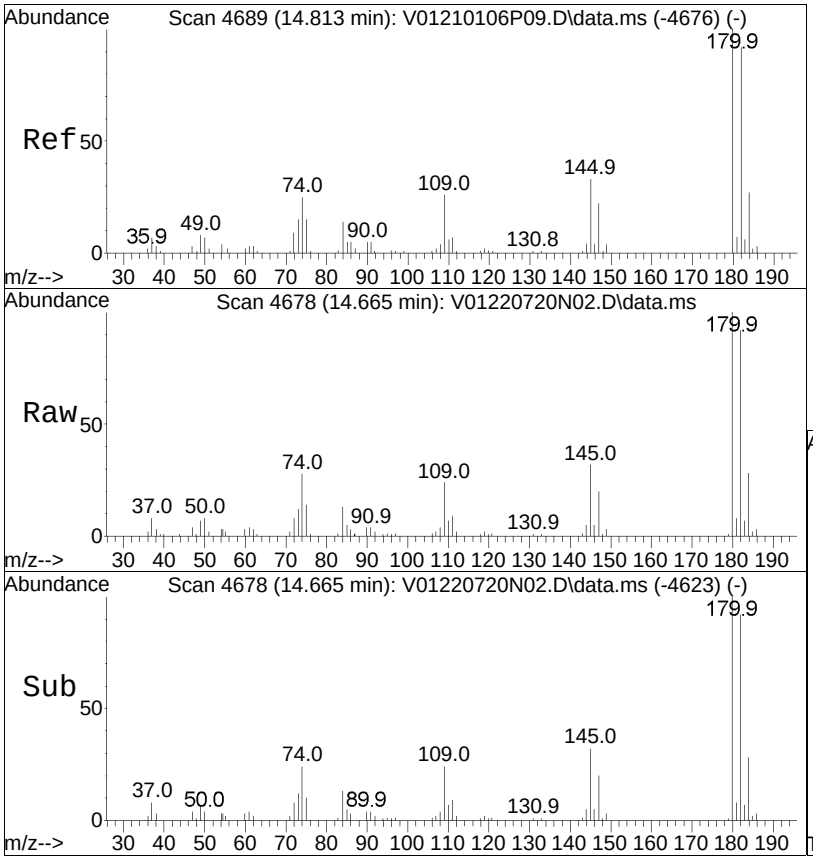




#110
Naphthalene
Concen: 9.96 ug/L
RT: 14.498 min Scan# 4618
Delta R.T. 0.000 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion:128 Resp: 79936

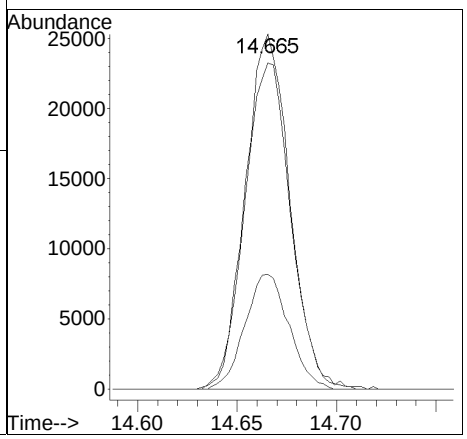




#111
1,2,3-Trichlorobenzene
Concen: 10.30 ug/L
RT: 14.665 min Scan# 4678
Delta R.T. 0.002 min
Lab File: V01220720N02.D
Acq: 20 Jul 2022 5:05 pm

Tgt Ion:180 Resp: 39651

Ion	Ratio	Lower	Upper
180	100		
182	93.9	75.4	113.0
145	32.0	25.0	37.6

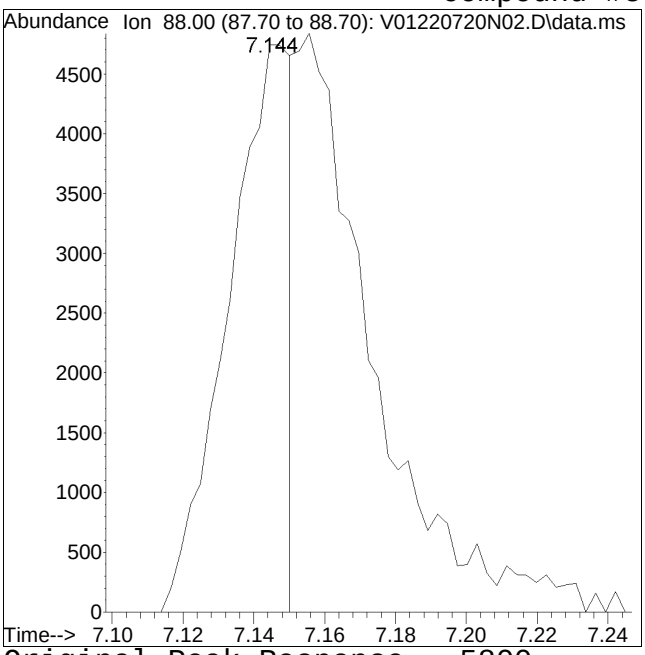


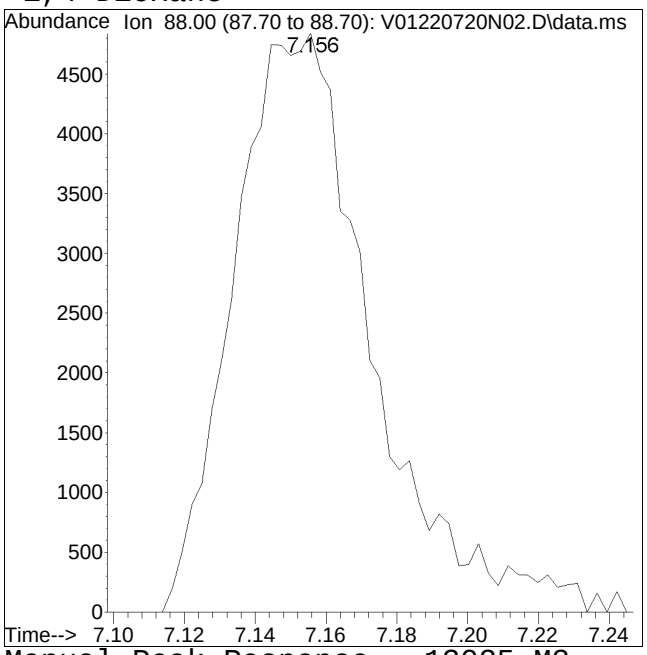
Manual Integration Report

Data Path : I:\VOLATILES\VOA101\2022\2Q
Data File : V01220720N02.D
Date Inj'd : 7/20/2022 5:05 pm
Sample : WG1665617-4,31,10,10

Method : V101_220719N_8260.m
Operator : VOA101:TMS
Instrument : VOA 101
Quant Date : 7/20/2022 5:23 pm

Compound #57: 1,4-Dioxane





Original Peak Response = 5800 Manual Peak Response = 13025 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Calculation of Volatile Organic Compounds

Aqueous Concentration Formula: Amt * DF * Uf * (1/Vo)

Where:
DF = Dilution Factor
Vo = Sample Volume Purged (mL)
Uf = ng Unit Correction Factor (mL)

Soil Concentration Formula: Amt * DF * (1/Wt)

Where:
DF = Dilution Factor
Wt = Weight of Sample (g)

ALPHA ANALYTICAL LABORATORIES, INC.

Alpha WORK GROUP REPORT (wk02)

Jul 26 2022, 12:38 pm

Work Group: WG1665617 for Department: 31 GC/MS - Volatiles

Created: 21-JUL-22 Due: Operator: mv

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2237198-01	MW-213	S	NYTCL-8260	WATER	DONE	U	0726	0727	S0	Vial-B
L2237198-02	MW-214	S	NYTCL-8260	WATER	DONE	U	0726	0727	S0	Vial-B
L2237198-03	FB	S	NYTCL-8260	WATER	DONE	U	0726	0727	S0	Vial-B
L2237198-04	TB	S	NYTCL-8260	WATER	DONE	U	0726	0727	S0	Vial-B
WG1665617-1	MS BFB Tune Standard	S	NYTCL-8260	WATER	DONE	U				
WG1665617-2	Continuing Calibrati	S	NYTCL-8260	WATER	DONE	U				
WG1665617-3	Laboratory Control S	S	NYTCL-8260	WATER	DONE	U				
WG1665617-4	LCS Duplicate	S	NYTCL-8260	WATER	DONE	U				
WG1665617-5	Laboratory Method Bl	S	NYTCL-8260	WATER	DONE	U				

Comments:

WG1665617-4 WG1665617-3

Inst: VOA101 BFB: V9102 Method GC: 8260

Initials: TMS IS/SS: V9115 Autosampler: 8260water

Date: **07/19/22** ICAL: V9144, V9143, V9140A Concentrator: 8260water

Run: **N** ICV: V9098, V9147, V9112, V9095, V9127, V9120, V9103 QC: _____ Seq:

Vial	DATA FILE	SAMPLE	pH<2
1	V01220719NBF1	BFB TUNE	
1	V01220719N01	BLK	
2	V01220719N02	BLK	
3	V01220719N03	BLK	
4	V01220719N04	I8260STD0.19PPB	
5	V01220719N05	I8260STD0.19PPB	
6	V01220719N06	I8260STD0.5PPB	
7	V01220719N07	I8260STD0.5PPB	
8	V01220719N08	I8260STD2PPB	
9	V01220719N09	I8260STD2PPB	
10	V01220719N10	I8260STD10PPB	
11	V01220719N11	I8260STD30PPB	
12	V01220719N12	I8260STD80PPB	
13	V01220719N13	I8260STD120PPB	
14	V01220719N14	I8260STD200PPB	
15	V01220719N15	BLK	
16	V01220719N16	BLK	
17	V01220719N17	BLK	
18	V01220719N18	BLK	
19	V01220719N19	C8260STD10PPB	
20	V01220719N20	C8260STD10PPB	
21	V01220719N21	BLK	
22	V01220719N22	BLK	
23	V01220719N23	METHOD BLK	
24	V01220719N24	MDL 0.19PPB	
25	V01220719N25	MDL 0.5PPB	
26	V01220719N26	MDL 2PPB	
27	V01220719N27	BLK	

Inst: VOA101 BFB: V9102 Method GC: 8260

Initials: TMS IS/SS: V9115 Autosampler: 8260water

Date: **07/20/22** ICAL: V9143, V9140A Concentrator: 8260water

Run: **N** ICV: QC: Seq:

Vial	DATA FILE	SAMPLE			pH<2
1	V01220720NBF1	BFB TUNE			
1	V01220720N01	8260 CCAL			
2	V01220720N02	8260 CCAL			
3	V01220720N03	8260 CCAL			
4	V01220720N04	BLK			
5	V01220720N05	METHOD BLK			
6	V01220720N06	L2237198-04,31,10,10,,A,PRI	NYTCL+TICS	TB	pH<2
7	V01220720N07	L2237198-03,31,10,10,,A,PRI	NYTCL+TICS	FB	pH<2
8	V01220720N08	L2237198-02,31,10,10,,A,PRI	NYTCL+TICS		pH<2
9	V01220720N09	L2237198-01,31,10,10,,A,PRI	NYTCL+TICS		pH<2
10	V01220720N10	L2236960-01D,31,5.0,10,,A	PA/SHORT		pH<2
11	V01220720N11	L2236960-02,31,10,10,,A	PA/SHORT		pH>2
12	V01220720N12	L2236967-01,31,10,10,,A	PA/SHORT		pH<2
13	V01220720N13	L2236967-02D,31,2.0,10,,A	PA/SHORT		pH<2
14	V01220720N14	L2236967-03,31,10,10,,A	PA/SHORT		pH<2
15	V01220720N15	L2236970-01,31,10,10,,A	PA/SHORT		pH<2
16	V01220720N16	L2236970-02,31,10,10,,A	PA/SHORT		pH<2
17	V01220720N17	L2236970-03,31,10,10,,A	PA/SHORT		pH<2
18	V01220720N18	L2236970-04,31,10,10,,A	PA/SHORT		pH<2
19	V01220720N19	L2236970-05,31,10,10,,A	PA/SHORT		pH<2
20	V01220720N20	L2236970-06,31,10,10,,A	PA/SHORT		pH<2
21	V01220720N21	L2236975-01,31,10,10,,A	PA/SHORT		pH<2
22	V01220720N22	L2236975-02,31,10,10,,A	PA/SHORT		pH<2
23	V01220720N23	L2236975-03,31,10,10,,A	PA/SHORT		pH<2
24	V01220720N24	L2236975-04,31,10,10,,C	PA/SHORT		pH<2
25	V01220720N25	L2236975-05,31,10,10,,A	PA/SHORT		pH<2
26	V01220720N26	HSTD			
27	V01220720N27	BLK			
28	V01220720N28	BLK			

PFAS Analysis

Semivolatiles QC Summary

Surrogate (Extracted Internal Standard) Recovery Summary
Form 2
Semivolatiles

Client: Soils Engineering Services, Inc.
Project Name: GROSSINGERS

Lab Number: L2237198
Project Number: 9313
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S1 ()	S2 ()	S3 ()	S4 ()	S5 ()	S6 ()	S7 ()
MW-213 (L2237198-01)	93	91	81	65	78	92	87
MW-214 (L2237198-02)	91	89	79	68	83	92	95
FB (L2237198-03)	113	132	110	97	106	110	111
WG1665978-1BLANK	NA	NA	NA	NA	NA	NA	NA
WG1665978-1BLANK	107	129	104	92	98	105	104
WG1665978-2LCS	105	126	110	92	99	117	100
WG1665978-2LCS	NA	NA	NA	NA	NA	NA	NA
MW-213MS	82	80	78	58	72	88	76
MW-214DUP	87	86	76	66	78	85	84

QC LIMITS

(58-132) S1 = PERFLUORO[13C4]BUTANOIC ACID (MPFBA)
(62-163) S2 = PERFLUORO[13C5]PENTANOIC ACID (M5PFPEA)
(70-131) S3 = PERFLUORO[2,3,4-13C3]BUTANESULFONIC ACID (M3PFBS)
(57-129) S4 = PERFLUORO[1,2,3,4,6-13C5]HEXANOIC ACID (M5PFHXA)
(60-129) S5 = PERFLUORO[1,2,3,4-13C4]HEPTANOIC ACID (M4PFHPA)
(71-134) S6 = PERFLUORO[1,2,3-13C3]HEXANESULFONIC ACID (M3PFHXS)
(71-134) S7 = PERFLUORO[13C8]OCTANOIC ACID (M8PFOA)

*** Values outside of QC limits**

Surrogate (Extracted Internal Standard) Recovery Summary
Form 2
Semivolatiles

Client: Soils Engineering Services, Inc.
Project Name: GROSSINGERS

Lab Number: L2237198
Project Number: 9313
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S8 ()	S9 ()	S10 ()	S11 ()	S12 ()	S13 ()	S14 ()
MW-213 (L2237198-01)	254*	91	89	98	209*	84	99
MW-214 (L2237198-02)	248*	94	98	88	160	66	90
FB (L2237198-03)	129	112	118	109	145	99	115
WG1665978-1BLANK	NA	NA	NA	NA	NA	NA	NA
WG1665978-1BLANK	116	105	115	113	106	75	115
WG1665978-2LCS	132	107	117	115	116	80	113
WG1665978-2LCS	NA	NA	NA	NA	NA	NA	NA
MW-213MS	260*	82	91	86	224*	69	88
MW-214DUP	226*	88	94	88	174*	63	90

QC LIMITS

(14-147) S8 = 1H,1H,2H,2H-PERFLUORO[1,2-13C2]OCTANESULFONIC ACID (M2-6:2FTS)
(59-139) S9 = PERFLUORO[13C9]NONANOIC ACID (M9PFNA)
(69-131) S10 = PERFLUORO[13C8]OCTANESULFONIC ACID (M8PFOS)
(62-124) S11 = PERFLUORO[1,2,3,4,5,6-13C6]DECANOIC ACID (M6PFDA)
(10-162) S12 = 1H,1H,2H,2H-PERFLUORO[1,2-13C2]DECANESULFONIC ACID (M2-8:2FTS)
(24-116) S13 = N-DEUTERIOMETHYLPERFLUORO-1-OCTANESULFONAMIDOACETIC ACID (D3-NMEFOSAA)
(24-116) S14 = PERFLUORO[1,2,3,4,5,6,7-13C7]UNDECANOIC ACID (M7-PFUDA)

*** Values outside of QC limits**

Surrogate (Extracted Internal Standard) Recovery Summary
Form 2
Semivolatiles

Client: Soils Engineering Services, Inc.
Project Name: GROSSINGERS

Lab Number: L2237198
Project Number: 9313
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S15 ()	S16 ()	S17 ()	S18 ()	S19 ()	S20 ()	S21 ()	TOT OUT
MW-213 (L2237198-01)	27	72	84	82	--	--	--	2
MW-214 (L2237198-02)	13	91	77	77	--	--	--	1
FB (L2237198-03)	49	110	107	116	--	--	--	0
WG1665978-1BLANK	74	NA	NA	NA	--	--	--	0
WG1665978-1BLANK	45	108	109	116	--	--	--	0
WG1665978-2LCS	15	93	108	102	--	--	--	0
WG1665978-2LCS	80	NA	NA	NA	--	--	--	0
MW-213MS	14	82	77	75	--	--	--	2
MW-214DUP	19	79	79	76	--	--	--	2

QC LIMITS

(10-112) S15 = PERFLUORO[13C8]OCTANESULFONAMIDE (M8FOSA)
(27-126) S16 = N-DEUTERIOETHYLPERFLUORO-1-OCTANESULFONAMIDOACETIC ACID (D5-NETFOSAA)
(48-131) S17 = PERFLUORO[1,2-13C2]DODECANOIC ACID (MPFDOA)
(22-136) S18 = PERFLUORO[1,2-13C2]TETRADECANOIC ACID (M2PFTEDA)

* Values outside of QC limits

FORM II A2-NY-537-ISOTOPE (Continued)

Lab Duplicate Sample Summary
Form 3
Semivolatiles

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2237198
Project Name	: GROSSINGERS	**Project Number**	: 9313
Client Sample ID	: MW-214	**Matrix**	: WATER
Lab Sample ID	: L2237198-02	**Analysis Date**	: 07/31/22 01:07
Lab File ID	: I24235	**DUP File ID**	: I24236
Dup Sample ID	: WG1665978-4	**DUP Analysis Date**	: 07/31/22 01:24

Parameter	Sample Concentration (ng/l)	Duplicate Concentration (ng/l)	RPD	RPD Limit
Perfluorobutanoic Acid (PFBA)	5.68	5.81	2	30
Perfluoropentanoic Acid (PFPeA)	4.50	4.44	1	30
Perfluorobutanesulfonic Acid (PFBS)	2.05	1.82J	NC	30
Perfluorohexanoic Acid (PFHxA)	5.34	4.96	7	30
Perfluoroheptanoic Acid (PFHpA)	4.26	4.43	4	30
Perfluorohexanesulfonic Acid (PFHxS)	5.22	5.57	6	30
Perfluorooctanoic Acid (PFOA)	23.1	25.3	9	30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	1.67J	1.90	NC	30
Perfluoroheptanesulfonic Acid (PFHpS)	0.826J	0.894J	NC	30
Perfluorononanoic Acid (PFNA)	1.10J	1.14J	NC	30
Perfluorooctanesulfonic Acid (PFOS)	42.4	41.7	2	30
Perfluorodecanoic Acid (PFDA)	0.495JF	0.489JF	NC	30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	ND	NC	30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	ND	NC	30
Perfluoroundecanoic Acid (PFUnA)	ND	ND	NC	30
Perfluorodecanesulfonic Acid (PFDS)	ND	ND	NC	30
Perfluorooctanesulfonamide (FOSA)	ND	ND	NC	30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	ND	NC	30
Perfluorododecanoic Acid (PFDoA)	ND	ND	NC	30
Perfluorotridecanoic Acid (PFTrDA)	ND	ND	NC	30
Perfluorotetradecanoic Acid (PFTA)	ND	ND	NC	30

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2237198
Project Name	: GROSSINGERS	**Project Number**	: 9313
Matrix	: WATER		
LCS Sample ID	: WG1665978-2	**Analysis Date** : 07/31/22 12:41	**File ID** : M08762
LCSD Sample ID	:	**Analysis Date** :	**File ID** :

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ng/l)	Found (ng/l)	%R	True (ng/l)	Found (ng/l)	%R	RPD	Recovery Limits	RPD Limit
Perfluorobutanoic Acid (PFBA)	40	39.9	100				-	67-148	30
Perfluoropentanoic Acid (PFPeA)	40	39.5	99				-	63-161	30
Perfluorobutanesulfonic Acid (PFBS)	35.5	34.4	97				-	65-157	30
Perfluorohexanoic Acid (PFHxA)	40	39.6	99				-	69-168	30
Perfluoroheptanoic Acid (PFHpA)	40	39.5	99				-	58-159	30
Perfluorohexanesulfonic Acid (PFHxS)	36.6	39.5	108				-	69-177	30
Perfluorooctanoic Acid (PFOA)	40	41.4	103				-	63-159	30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	38.1	43.2	113				-	49-187	30
Perfluoroheptanesulfonic Acid (PFHpS)	38.2	37.3	98				-	61-179	30
Perfluorononanoic Acid (PFNA)	40	39.4	98				-	68-171	30
Perfluorooctanesulfonic Acid (PFOS)	37.1	41.0	110				-	52-151	30
Perfluorodecanoic Acid (PFDA)	40	38.0	95				-	63-171	30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	38.4	47.1	122				-	56-173	30

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2237198
Project Name	: GROSSINGERS	**Project Number**	: 9313
Matrix	: WATER		
LCS Sample ID	: WG1665978-2	**Analysis Date** : 07/31/22 12:41	**File ID** : M08762
LCSD Sample ID	:	**Analysis Date** :	**File ID** :

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ng/l)	Found (ng/l)	%R	True (ng/l)	Found (ng/l)	%R	RPD	Recovery Limits	RPD Limit
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	40	44.5	111				-	60-166	30
Perfluoroundecanoic Acid (PFUnA)	40	46.3	116				-	60-153	30
Perfluorodecanesulfonic Acid (PFDS)	38.6	45.2	117				-	38-156	30
Perfluorooctanesulfonamide (FOSA)	40	41.8	105				-	46-170	30
Perfluorooctanesulfonamide (FOSA)	40	41.2	103				-	46-170	30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	40	43.8	110				-	45-170	30
Perfluorododecanoic Acid (PFDoA)	40	39.1	98				-	67-153	30
Perfluorotridecanoic Acid (PFTrDA)	40	43.0	108				-	48-158	30
Perfluorotetradecanoic Acid (PFTA)	40	43.0	108				-	59-182	30

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2237198
Project Name	: GROSSINGERS	**Project Number**	: 9313
Matrix	: WATER		
LCS Sample ID	: WG1665978-2	**Analysis Date** : 07/31/22 00:18	**File ID** : I24232
LCSD Sample ID	:	**Analysis Date** :	**File ID** :

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ng/l)	Found (ng/l)	%R	True (ng/l)	Found (ng/l)	%R	RPD	Recovery Limits	RPD Limit
Perfluorobutanoic Acid (PFBA)	40	39.9	100				-	67-148	30
Perfluoropentanoic Acid (PFPeA)	40	39.5	99				-	63-161	30
Perfluorobutanesulfonic Acid (PFBS)	35.5	34.4	97				-	65-157	30
Perfluorohexanoic Acid (PFHxA)	40	39.6	99				-	69-168	30
Perfluoroheptanoic Acid (PFHpA)	40	39.5	99				-	58-159	30
Perfluorohexanesulfonic Acid (PFHxS)	36.6	39.5	108				-	69-177	30
Perfluorooctanoic Acid (PFOA)	40	41.4	103				-	63-159	30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	38.1	43.2	113				-	49-187	30
Perfluoroheptanesulfonic Acid (PFHpS)	38.2	37.3	98				-	61-179	30
Perfluorononanoic Acid (PFNA)	40	39.4	98				-	68-171	30
Perfluorooctanesulfonic Acid (PFOS)	37.1	41.0	110				-	52-151	30
Perfluorodecanoic Acid (PFDA)	40	38.0	95				-	63-171	30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	38.4	47.1	122				-	56-173	30

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2237198
Project Name	: GROSSINGERS	**Project Number**	: 9313
Matrix	: WATER		
LCS Sample ID	: WG1665978-2	**Analysis Date** : 07/31/22 00:18	**File ID** : I24232
LCSD Sample ID	:	**Analysis Date** :	**File ID** :

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ng/l)	Found (ng/l)	%R	True (ng/l)	Found (ng/l)	%R	RPD	Recovery Limits	RPD Limit
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	40	44.5	111				-	60-166	30
Perfluoroundecanoic Acid (PFUnA)	40	46.3	116				-	60-153	30
Perfluorodecanesulfonic Acid (PFDS)	38.6	45.2	117				-	38-156	30
Perfluorooctanesulfonamide (FOSA)	40	41.8	105				-	46-170	30
Perfluorooctanesulfonamide (FOSA)	40	41.2	103				-	46-170	30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	40	43.8	110				-	45-170	30
Perfluorododecanoic Acid (PFDoA)	40	39.1	98				-	67-153	30
Perfluorotridecanoic Acid (PFTrDA)	40	43.0	108				-	48-158	30
Perfluorotetradecanoic Acid (PFTA)	40	43.0	108				-	59-182	30

Matrix Spike Sample Summary
Form 3
Semivolatiles

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2237198
Project Name	: GROSSINGERS	**Project Number**	: 9313
Client Sample ID	: MW-213	**Matrix**	: WATER
Lab Sample ID	: L2237198-01	**Analysis Date**	: 07/31/22 00:34
Matrix Spike	: WG1665978-3	**MS Analysis Date**	: 07/31/22 00:51
Matrix Spike Dup	:	**MSD Analysis Date**	:

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	**Sample Conc. (ng/l)**	**Spike Added (ng/l)**	**Spike Conc. (ng/l)**	**%R**	**Spike Added (ng/l)**	**Spike Conc. (ng/l)**	**%R**	**RPD**	**Recovery Limits**	**RPD Limit**
Perfluorobutanoic Acid (PFBA)	7.00	35.9	42.1	98					67-148	30
Perfluoropentanoic Acid (PFPeA)	6.14	35.9	41.7	99					63-161	30
Perfluorobutanesulfonic Acid (PFBS)	2.05	31.9	32.3	95					65-157	30
Perfluorohexanoic Acid (PFHxA)	5.93	35.9	42.3	101					69-168	30
Perfluoroheptanoic Acid (PFHpA)	4.86	35.9	39.4	96					58-159	30
Perfluorohexanesulfonic Acid (PFHxS)	6.04	32.8	41.7	109					69-177	30
Perfluorooctanoic Acid (PFOA)	23.6	35.9	62.4	108					63-159	30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	10.2	34.2	42.6	95					49-187	30
Perfluoroheptanesulfonic Acid (PFHpS)	1.03J	34.3	32.0	90					61-179	30
Perfluorononanoic Acid (PFNA)	1.62J	35.9	35.6	95					68-171	30
Perfluorooctanesulfonic Acid (PFOS)	68.1	33.3	98.5	91					52-151	30
Perfluorodecanoic Acid (PFDA)	0.689J	35.9	33.8	92					63-171	30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	34.5	31.7	92					56-173	30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	0.747J	35.9	38.0	104					60-166	30
Perfluoroundecanoic Acid (PFUnA)	ND	35.9	38.3	107					60-153	30

Matrix Spike Sample Summary
Form 3
Semivolatiles

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2237198
Project Name	: GROSSINGERS	**Project Number**	: 9313
Client Sample ID	: MW-213	**Matrix**	: WATER
Lab Sample ID	: L2237198-01	**Analysis Date**	: 07/31/22 00:34
Matrix Spike	: WG1665978-3	**MS Analysis Date**	: 07/31/22 00:51
Matrix Spike Dup	:	**MSD Analysis Date**	:

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	**Sample Conc. (ng/l)**	**Spike Added (ng/l)**	**Spike Conc. (ng/l)**	**%R**	**Spike Added (ng/l)**	**Spike Conc. (ng/l)**	**%R**	**RPD**	**Recovery Limits**	**RPD Limit**
Perfluorodecanesulfonic Acid (PFDS)	ND	34.7	35.4	102					38-156	30
Perfluorooctanesulfonamide (FOSA)	1.40J	35.9	36.2F	97					46-170	30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	1.84J	35.9	35.5	94					45-170	30
Perfluorododecanoic Acid (PFDoA)	ND	35.9	35.0	97					67-153	30
Perfluorotridecanoic Acid (PFTrDA)	ND	35.9	37.4	104					48-158	30
Perfluorotetradecanoic Acid (PFTA)	ND	35.9	34.3	96					59-182	30

Method Blank Summary
Form 4
Semivolatiles

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2237198
Project Name	: GROSSINGERS	**Project Number**	: 9313
Lab Sample ID	: WG1665978-1	**Lab File ID**	: I24231
Instrument ID	: LCMS01	**Extraction Date**	: 07/22/22
Matrix	: WATER	**Analysis Date**	: 07/31/22 00:01
Level	: LOW		

Client Sample No.	Lab Sample ID	Analysis Date
WG1665978-2LCS	WG1665978-2	07/31/22 00:18
MW-213	L2237198-01	07/31/22 00:34
MW-213MS	WG1665978-3	07/31/22 00:51
MW-214	L2237198-02	07/31/22 01:07
MW-214DUP	WG1665978-4	07/31/22 01:24
FB	L2237198-03	07/31/22 01:41
WG1665978-2LCS	WG1665978-2	07/31/22 12:41

Method Blank Summary
Form 4
Semivolatiles

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2237198
Project Name	: GROSSINGERS	**Project Number**	: 9313
Lab Sample ID	: WG1665978-1	**Lab File ID**	: M08761
Instrument ID	: LCMS01	**Extraction Date**	: 07/22/22
Matrix	: WATER	**Analysis Date**	: 07/31/22 12:34
Level	: LOW		

Client Sample No.	Lab Sample ID	Analysis Date
WG1665978-2LCS	WG1665978-2	07/31/22 00:18
MW-213	L2237198-01	07/31/22 00:34
MW-213MS	WG1665978-3	07/31/22 00:51
MW-214	L2237198-02	07/31/22 01:07
MW-214DUP	WG1665978-4	07/31/22 01:24
FB	L2237198-03	07/31/22 01:41
WG1665978-2LCS	WG1665978-2	07/31/22 12:41

Date Created: 03/21/22
Created By: Jason Hebert
File: PM12115-1
Page: 1

PFAAs via LCMSMS-Isotope Dilution (DW)

Holding Time: 14 days
Container/Sample Preservation: 1 - 2 Plastic/1 Plastic/1 H20 Plastic

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Perfluorobutanoic Acid (PFBA)	375-22-4	2	0.408	ng/l	67-148	30	67-148	30	30			
Perfluoropentanoic Acid (PFPeA)	2706-90-3	2	0.396	ng/l	63-161	30	63-161	30	30			
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	2	0.238	ng/l	65-157	30	65-157	30	30			
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	757124-72-4	2	0.452	ng/l	37-219	30	37-219	30	30			
Perfluorohexanoic Acid (PFHxA)	307-24-4	2	0.328	ng/l	69-168	30	69-168	30	30			
Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4	2	0.2452	ng/l	52-156	30	52-156	30	30			
Perfluoroheptanoic Acid (PFHpA)	375-85-9	2	0.2252	ng/l	58-159	30	58-159	30	30			
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	2	0.376	ng/l	69-177	30	69-177	30	30			
Perfluorooctanoic Acid (PFOA)	335-67-1	2	0.236	ng/l	63-159	30	63-159	30	30			
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2	2	1.332	ng/l	49-187	30	49-187	30	30			
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	2	0.688	ng/l	61-179	30	61-179	30	30			
Perfluorononanoic Acid (PFNA)	375-95-1	2	0.312	ng/l	68-171	30	68-171	30	30			
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	2	0.504	ng/l	52-151	30	52-151	30	30			
Perfluorodecanoic Acid (PFDA)	335-76-2	2	0.304	ng/l	63-171	30	63-171	30	30			
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4	2	1.212	ng/l	56-173	30	56-173	30	30			
Perfluorononanesulfonic Acid (PFNS)	68259-12-1	2	1.12	ng/l	48-150	30	48-150	30	30			
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA	2355-31-9	2	0.648	ng/l	60-166	30	60-166	30	30			
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	2	0.26	ng/l	60-153	30	60-153	30	30			
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	2	0.98	ng/l	38-156	30	38-156	30	30			
Perfluorooctanesulfonamide (FOSA)	754-91-6	2	0.58	ng/l	46-170	30	46-170	30	30			
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	2	0.804	ng/l	45-170	30	45-170	30	30			
Perfluorododecanoic Acid (PFDoA)	307-55-1	2	0.372	ng/l	67-153	30	67-153	30	30			
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	2	0.3272	ng/l	48-158	30	48-158	30	30			
Perfluorotetradecanoic Acid (PFTA)	376-06-7	2	0.248	ng/l	59-182	30	59-182	30	30			
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Pro	13252-13-6	50	22.7	ng/l	57-162	30	57-162	30	30			
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	919005-14-4	2	0.336	ng/l	69-143	30	69-143	30	30			
Perfluorohexadecanoic Acid (PFHxDA)	67905-19-5	4	1.24	ng/l	40-167	30	40-167	30	30			
Perfluorooctadecanoic Acid (PFODA)	16517-11-6	4	1.148	ng/l	10-119	30	10-119	30	30			
Perfluorododecane Sulfonic Acid (PFDoDS)	79780-39-5	2	0.616	ng/l	69-141	30	69-141	30	30			
1H,1H,2H,2H-Perfluorododecanesulfonic Acid (10:2FTS)	120226-60-0	5	2.02	ng/l	81-188	30	81-188	30	30			
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3	756426-58-1	2	0.2768	ng/l	55-158	30	55-158	30	30			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-	763051-92-9	2	0.2932	ng/l	52-156	30	52-156	30	30			
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	31506-32-8	20	7.36	ng/l	10-185	30	10-185	30	30			
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	4151-50-2	20	6.64	ng/l	10-202	30	10-202	30	30			
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	24448-09-7	50	22.2	ng/l	10-209	30	10-209	30	30			
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	1691-99-2	50	22.52	ng/l	66-176	30	66-176	30	30			
Perfluoropropane Sulfonic Acid (PFPrS)	423-41-6	2	0.1876	ng/l	50-150	30	50-150	30	30			
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	377-73-1	2	0.1976	ng/l	50-150	30	50-150	30	30			
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	863090-89-5	2	0.2012	ng/l	50-150	30	50-150	30	30			
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	113507-82-7	2	0.412	ng/l	50-150	30	50-150	30	30			
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	151772-58-6	2	0.884	ng/l	50-150	30	50-150	30	30			
Perfluoro[13C4]Butanoic Acid (MPFBA)	*NONE*									*58-132*		

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)
Please Note that the information provided in this table is subject to change at anytime at the discretion of Alpha Analytical, Inc.

PFAAs via LCMSMS-Isotope Dilution (DW)

Holding Time: 14 days
Container/Sample Preservation: 1 - 2 Plastic/1 Plastic/1 H20 Plastic

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	*NONE*									*62-163*		
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	*NONE*									*70-131*		
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4	*NONE*									*12-142*		
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	*NONE*									*57-129*		
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	*NONE*									*60-129*		
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	*NONE*									*71-134*		
Perfluoro[13C8]Octanoic Acid (M8PFOA)	*NONE*									*62-129*		
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6	*NONE*									*14-147*		
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	*NONE*									*59-139*		
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	*NONE*									*69-131*		
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	*NONE*									*62-124*		
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8	*NONE*									*10-162*		
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (	*NONE*									*24-116*		
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	*NONE*									*55-137*		
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	*NONE*									*10-112*		
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d	*NONE*									*27-126*		
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	*NONE*									*48-131*		
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	*NONE*									*22-136*		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-13	*NONE*									*10-165*		
Perfluoro[13C2]Hexadecanoic Acid (M2PFHxDA)	*NONE*									*10-206*		
1H,1H,2H,2H-Perfluorododecane Sulfonate (M2D4-10:2FTS)	*NONE*									*50-150*		
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (d3-NMeFOSA)	*NONE*									*10-161*		
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (d5-NEtFOSA)	*NONE*									*10-160*		
2-(N-Methyl-d3-Perfluoro-1-Octanesulfonamido)ethan-d4-ol	*1265205-95-5*									*10-189*		
2-(N-Ethyl-d5-Perfluoro-1-Octanesulfonamido)ethan-d4-ol (d	*NONE*									*10-187*		

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)
Please Note that the information provided in this table is subject to change at anytime at the discretion of Alpha Analytical, Inc.

Date Created: 03/21/22
Created By: Jason Hebert
File: PM12118-1
Page: 1

PFAAs via LCMSMS-Isotope Dilution (SOIL)

Holding Time: 14 days
Container/Sample Preservation: 1 - Plastic 8oz unpreserved

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Perfluorobutanoic Acid (PFBA)	375-22-4	0.5	0.0227	ng/g	71-135	30	71-135	30	30			
Perfluoropentanoic Acid (PFPeA)	2706-90-3	0.5	0.046	ng/g	69-132	30	69-132	30	30			
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	0.25	0.039	ng/g	72-128	30	72-128	30	30			
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	757124-72-4	1	0.0645	ng/g	62-145	30	62-145	30	30			
Perfluorohexanoic Acid (PFHxA)	307-24-4	0.5	0.0525	ng/g	70-132	30	70-132	30	30			
Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4	1	0.0835	ng/g	73-123	30	73-123	30	30			
Perfluoroheptanoic Acid (PFHpA)	375-85-9	0.25	0.0451	ng/g	71-131	30	71-131	30	30			
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	0.25	0.0605	ng/g	67-130	30	67-130	30	30			
Perfluorooctanoic Acid (PFOA)	335-67-1	0.25	0.0419	ng/g	69-133	30	69-133	30	30			
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2	0.5	0.1795	ng/g	64-140	30	64-140	30	30			
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	0.5	0.1365	ng/g	70-132	30	70-132	30	30			
Perfluorononanoic Acid (PFNA)	375-95-1	0.25	0.075	ng/g	72-129	30	72-129	30	30			
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.25	0.13	ng/g	68-136	30	68-136	30	30			
Perfluorodecanoic Acid (PFDA)	335-76-2	0.25	0.067	ng/g	69-133	30	69-133	30	30			
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4	0.5	0.287	ng/g	65-137	30	65-137	30	30			
Perfluorononanesulfonic Acid (PFNS)	68259-12-1	1	0.299	ng/g	69-125	30	69-125	30	30			
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA	2355-31-9	0.5	0.2015	ng/g	63-144	30	63-144	30	30			
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	0.5	0.0468	ng/g	64-136	30	64-136	30	30			
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	0.5	0.153	ng/g	59-134	30	59-134	30	30			
Perfluorooctanesulfonamide (FOSA)	754-91-6	0.5	0.098	ng/g	67-137	30	67-137	30	30			
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	0.5	0.0845	ng/g	61-139	30	61-139	30	30			
Perfluorododecanoic Acid (PFDoA)	307-55-1	0.5	0.07	ng/g	69-135	30	69-135	30	30			
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	0.5	0.2045	ng/g	66-139	30	66-139	30	30			
Perfluorotetradecanoic Acid (PFTA)	376-06-7	0.5	0.054	ng/g	69-133	30	69-133	30	30			
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Pro	13252-13-6	10	3.81	ng/g	41-165	30	41-165	30	30			
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	919005-14-4	1	0.0413	ng/g	68-143	30	68-143	30	30			
Perfluorohexadecanoic Acid (PFHxDA)	67905-19-5	2.5	0.12	ng/g	18-191	30	18-191	30	30			
Perfluorooctadecanoic Acid (PFODA)	16517-11-6	2.5	0.171	ng/g	10-123	30	10-123	30	30			
Perfluorododecane Sulfonic Acid (PFDoDS)	79780-39-5	1	0.086	ng/g	50-150	30	50-150	30	30			
1H,1H,2H,2H-Perfluorododecanesulfonic Acid (10:2FTS)	120226-60-0	1	0.275	ng/g	37-261	30	37-261	30	30			
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3	756426-58-1	1	0.0374	ng/g	69-139	30	67-139	30	30			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-	763051-92-9	1	0.0388	ng/g	51-155	30	51-155	30	30			
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	31506-32-8	1	0.379	ng/g	62-149	30	62-149	30	30			
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	4151-50-2	1	0.407	ng/g	71-156	30	71-156	30	30			
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	24448-09-7	2	0.52	ng/g	10-239	30	10-239	30	30			
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	1691-99-2	2	0.73	ng/g	10-275	30	10-275	30	30			
Perfluoropropane Sulfonic Acid (PFPrS)	423-41-6	1	0.2005	ng/g	50-150	30	50-150	30	30			
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	377-73-1	1	0.15	ng/g	50-150	30	50-150	30	30			
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	863090-89-5	1	0.168	ng/g	50-150	30	50-150	30	30			
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	113507-82-7	1	0.2235	ng/g	50-150	30	50-150	30	30			
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	151772-58-6	1	0.1515	ng/g	50-150	30	50-150	30	30			
Perfluoro[13C4]Butanoic Acid (MPFBA)	*NONE*									*61-135*		

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)
Please Note that the information provided in this table is subject to change at anytime at the discretion of Alpha Analytical, Inc.

PFAAs via LCMSMS-Isotope Dilution (SOIL)

Holding Time: 14 days
Container/Sample Preservation: 1 - Plastic 8oz unpreserved

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	*NONE*									*58-150*		
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	*NONE*									*74-139*		
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4	*NONE*									*14-167*		
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	*NONE*									*66-128*		
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	*NONE*									*71-129*		
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	*NONE*									*78-139*		
Perfluoro[13C8]Octanoic Acid (M8PFOA)	*NONE*									*75-130*		
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6	*NONE*									*20-154*		
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	*NONE*									*72-140*		
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	*NONE*									*79-136*		
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	*NONE*									*75-130*		
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8	*NONE*									*19-175*		
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (	*NONE*									*31-134*		
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	*NONE*									*61-155*		
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	*NONE*									*10-117*		
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d	*NONE*									*34-137*		
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	*NONE*									*54-150*		
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	*NONE*									*24-159*		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-13	*NONE*									*10-203*		
Perfluoro[13C2]Hexadecanoic Acid (M2PFHxDA)	*NONE*									*10-145*		
1H,1H,2H,2H-Perfluorododecane Sulfonate (M2D4-10:2FTS)	*NONE*									*50-150*		
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (d3-NMeFOSA)	*NONE*									*10-146*		
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (d5-NEtFOSA)	*NONE*									*10-145*		
2-(N-Methyl-d3-Perfluoro-1-Octanesulfonamido)ethan-d4-ol	*1265205-95-5*									*10-146*		
2-(N-Ethyl-d5-Perfluoro-1-Octanesulfonamido)ethan-d4-ol (d	*NONE*									*10-129*		

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)
Please Note that the information provided in this table is subject to change at anytime at the discretion of Alpha Analytical, Inc.

Semivolatile Sample Data

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2237198
Project Name	: GROSSINGERS	**Project Number**	: 9313
Lab ID	: L2237198-01	**Date Collected**	: 07/12/22 09:55
Client ID	: MW-213	**Date Received**	: 07/13/22
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 07/31/22 00:34
Sample Matrix	: WATER	**Date Extracted**	: 07/22/22
Analytical Method	: 134,LCMSMS-ID	**Dilution Factor**	: 1
Lab File ID	: I24233	**Analyst**	: SG
Sample Amount	: 258.44 g	**Instrument ID**	: LCMS01
Extraction Method	: ALPHA 23528	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
375-22-4	Perfluorobutanoic Acid (PFBA)	7.00	1.93	0.395	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	6.14	1.93	0.383	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	2.05	1.93	0.230	
307-24-4	Perfluorohexanoic Acid (PFHxA)	5.93	1.93	0.317	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	4.86	1.93	0.218	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	6.04	1.93	0.364	
335-67-1	Perfluorooctanoic Acid (PFOA)	23.6	1.93	0.228	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	10.2	1.93	1.29	
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	1.03	1.93	0.666	J
375-95-1	Perfluorononanoic Acid (PFNA)	1.62	1.93	0.302	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	68.1	1.93	0.488	
335-76-2	Perfluorodecanoic Acid (PFDA)	0.689	1.93	0.294	J
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.93	1.17	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	0.747	1.93	0.627	J
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.93	0.252	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.93	0.948	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	1.40	1.93	0.561	J
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	1.84	1.93	0.778	J

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2237198
Project Name	: GROSSINGERS	**Project Number**	: 9313
Lab ID	: L2237198-01	**Date Collected**	: 07/12/22 09:55
Client ID	: MW-213	**Date Received**	: 07/13/22
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 07/31/22 00:34
Sample Matrix	: WATER	**Date Extracted**	: 07/22/22
Analytical Method	: 134,LCMSMS-ID	**Dilution Factor**	: 1
Lab File ID	: I24233	**Analyst**	: SG
Sample Amount	: 258.44 g	**Instrument ID**	: LCMS01
Extraction Method	: ALPHA 23528	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.93	0.360	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.93	0.316	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.93	0.240	U
NONE	PFOA/PFOS, Total	91.7	1.93	0.228	

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2237198
Project Name	: GROSSINGERS	**Project Number**	: 9313
Lab ID	: L2237198-02	**Date Collected**	: 07/12/22 11:30
Client ID	: MW-214	**Date Received**	: 07/13/22
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 07/31/22 01:07
Sample Matrix	: WATER	**Date Extracted**	: 07/22/22
Analytical Method	: 134,LCMSMS-ID	**Dilution Factor**	: 1
Lab File ID	: I24235	**Analyst**	: SG
Sample Amount	: 262.67 g	**Instrument ID**	: LCMS01
Extraction Method	: ALPHA 23528	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
375-22-4	Perfluorobutanoic Acid (PFBA)	5.68	1.90	0.388	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	4.50	1.90	0.377	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	2.05	1.90	0.226	
307-24-4	Perfluorohexanoic Acid (PFHxA)	5.34	1.90	0.312	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	4.26	1.90	0.214	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	5.22	1.90	0.358	
335-67-1	Perfluorooctanoic Acid (PFOA)	23.1	1.90	0.225	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	1.67	1.90	1.27	J
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	0.826	1.90	0.655	J
375-95-1	Perfluorononanoic Acid (PFNA)	1.10	1.90	0.297	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	42.4	1.90	0.480	
335-76-2	Perfluorodecanoic Acid (PFDA)	0.495	1.90	0.289	JF
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.90	1.15	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.90	0.617	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.90	0.247	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.90	0.933	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.90	0.552	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.90	0.765	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2237198
Project Name	: GROSSINGERS	**Project Number**	: 9313
Lab ID	: L2237198-02	**Date Collected**	: 07/12/22 11:30
Client ID	: MW-214	**Date Received**	: 07/13/22
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 07/31/22 01:07
Sample Matrix	: WATER	**Date Extracted**	: 07/22/22
Analytical Method	: 134,LCMSMS-ID	**Dilution Factor**	: 1
Lab File ID	: I24235	**Analyst**	: SG
Sample Amount	: 262.67 g	**Instrument ID**	: LCMS01
Extraction Method	: ALPHA 23528	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.90	0.354	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.90	0.311	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.90	0.236	U
NONE	PFOA/PFOS, Total	65.5	1.90	0.225	

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2237198
Project Name	: GROSSINGERS	**Project Number**	: 9313
Lab ID	: L2237198-03	**Date Collected**	: 07/12/22 13:20
Client ID	: FB	**Date Received**	: 07/13/22
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 07/31/22 01:41
Sample Matrix	: WATER	**Date Extracted**	: 07/22/22
Analytical Method	: 134,LCMSMS-ID	**Dilution Factor**	: 1
Lab File ID	: I24237	**Analyst**	: SG
Sample Amount	: 278.86 g	**Instrument ID**	: LCMS01
Extraction Method	: ALPHA 23528	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	1.79	0.366	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	1.79	0.355	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	1.79	0.213	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	1.79	0.294	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	1.79	0.202	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	1.79	0.337	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	1.79	0.212	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.79	1.19	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.79	0.617	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.79	0.280	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	1.79	0.452	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.79	0.272	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.79	1.09	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.79	0.581	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.79	0.233	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.79	0.878	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.79	0.520	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.79	0.721	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2237198
Project Name	: GROSSINGERS	**Project Number**	: 9313
Lab ID	: L2237198-03	**Date Collected**	: 07/12/22 13:20
Client ID	: FB	**Date Received**	: 07/13/22
Sample Location	: LIBERTY, NY	**Date Analyzed**	: 07/31/22 01:41
Sample Matrix	: WATER	**Date Extracted**	: 07/22/22
Analytical Method	: 134,LCMSMS-ID	**Dilution Factor**	: 1
Lab File ID	: I24237	**Analyst**	: SG
Sample Amount	: 278.86 g	**Instrument ID**	: LCMS01
Extraction Method	: ALPHA 23528	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.79	0.334	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.79	0.293	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.79	0.222	U
NONE	PFOA/PFOS, Total	ND	1.79	0.212	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2237198
Project Name	: GROSSINGERS	**Project Number**	: 9313
Lab ID	: WG1665978-1	**Date Collected**	: NA
Client ID	: WG1665978-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 07/31/22 00:01
Sample Matrix	: WATER	**Date Extracted**	: 07/22/22
Analytical Method	: 134,LCMSMS-ID	**Dilution Factor**	: 1
Lab File ID	: I24231	**Analyst**	: SG
Sample Amount	: 250 g	**Instrument ID**	: LCMS01
Extraction Method	: ALPHA 23528	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	2.00	0.408	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	2.00	0.396	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	2.00	0.238	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	2.00	0.328	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	2.00	0.225	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	2.00	0.376	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	2.00	0.236	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	2.00	1.33	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	2.00	0.688	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	2.00	0.312	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	2.00	0.504	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	2.00	0.304	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	2.00	1.21	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	2.00	0.648	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	2.00	0.260	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	2.00	0.980	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	2.00	0.580	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	2.00	0.804	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2237198
Project Name	: GROSSINGERS	**Project Number**	: 9313
Lab ID	: WG1665978-1	**Date Collected**	: NA
Client ID	: WG1665978-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 07/31/22 00:01
Sample Matrix	: WATER	**Date Extracted**	: 07/22/22
Analytical Method	: 134,LCMSMS-ID	**Dilution Factor**	: 1
Lab File ID	: I24231	**Analyst**	: SG
Sample Amount	: 250 g	**Instrument ID**	: LCMS01
Extraction Method	: ALPHA 23528	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	2.00	0.372	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	2.00	0.327	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	2.00	0.248	U
NONE	PFOA/PFOS, Total	ND	2.00	0.236	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2237198
Project Name	: GROSSINGERS	**Project Number**	: 9313
Lab ID	: WG1665978-1	**Date Collected**	: NA
Client ID	: WG1665978-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 07/31/22 12:34
Sample Matrix	: WATER	**Date Extracted**	: 07/22/22
Analytical Method	: 134,LCMSMS-ID	**Dilution Factor**	: 1
Lab File ID	: M08761	**Analyst**	: SG
Sample Amount	: 250 g	**Instrument ID**	: LCMS01
Extraction Method	: ALPHA 23528	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	2.00	0.580	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2237198
Project Name	: GROSSINGERS	**Project Number**	: 9313
Lab ID	: WG1665978-4	**Date Collected**	: 07/12/22 11:30
Client ID	: MW-214DUP	**Date Received**	: 07/13/22
Sample Location	:	**Date Analyzed**	: 07/31/22 01:24
Sample Matrix	: WATER	**Date Extracted**	: 07/22/22
Analytical Method	: 134,LCMSMS-ID	**Dilution Factor**	: 1
Lab File ID	: I24236	**Analyst**	: SG
Sample Amount	: 271.8 g	**Instrument ID**	: LCMS01
Extraction Method	: ALPHA 23528	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
375-22-4	Perfluorobutanoic Acid (PFBA)	5.81	1.84	0.375	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	4.44	1.84	0.364	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	1.82	1.84	0.219	J
307-24-4	Perfluorohexanoic Acid (PFHxA)	4.96	1.84	0.302	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	4.43	1.84	0.207	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	5.57	1.84	0.346	
335-67-1	Perfluorooctanoic Acid (PFOA)	25.3	1.84	0.217	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	1.90	1.84	1.22	
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	0.894	1.84	0.633	J
375-95-1	Perfluorononanoic Acid (PFNA)	1.14	1.84	0.287	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	41.7	1.84	0.464	
335-76-2	Perfluorodecanoic Acid (PFDA)	0.489	1.84	0.280	JF
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.84	1.11	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.84	0.596	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.84	0.239	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.84	0.901	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.84	0.533	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.84	0.740	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2237198
Project Name	: GROSSINGERS	**Project Number**	: 9313
Lab ID	: WG1665978-4	**Date Collected**	: 07/12/22 11:30
Client ID	: MW-214DUP	**Date Received**	: 07/13/22
Sample Location	:	**Date Analyzed**	: 07/31/22 01:24
Sample Matrix	: WATER	**Date Extracted**	: 07/22/22
Analytical Method	: 134,LCMSMS-ID	**Dilution Factor**	: 1
Lab File ID	: I24236	**Analyst**	: SG
Sample Amount	: 271.8 g	**Instrument ID**	: LCMS01
Extraction Method	: ALPHA 23528	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.84	0.342	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.84	0.301	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.84	0.228	U

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:25 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220730_537ISO.PRO\MethDB\537ISO_Q_220725_RT.mdb 29 Jul 2022 09:44:29
Calibration: C:\MassLynx\Data\2022\220730_537ISO.PRO\CurveDB\220725_ICAL.cdb 26 Jul 2022 09:37:13

ID: L2237198-01
Name: I24233
Date: 31-Jul-2022
Time: 00:34:44
Description: WG1669313,WG1665978,ICAL19203
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:SG
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.11	213.032 > 169.022	7137		1.809		na	
2	M3PFBA	INT STD	2.12	216.009 > 171.999	39266		10.509		na	105.1
3	MPFBA	INT STD	2.12	217.001 > 171.999	41610		9.333		na	93.3
4	PFPeA	2706-90-3	4.94	263.039 > 219.03	6575		1.586		na	
5	M5PFPEA	INT STD	4.94	268.001 > 222.999	40046		9.121		na	91.2
6	PFBS	375-73-5	5.58	299.092 > 80.062	925	M7	0.530	1.80	NO	
7	M3PFBS	INT STD	5.59	302.069 > 80.062	14737		7.561		na	81.1
8	4:2FTS	757124-72-4		327.146 > 307.139			ND		YES	
9	M2-4:2FTS	INT STD	6.73	329.13 > 309.124	8872		22.745		na	242.5
10	PFHxA	307-24-4	6.81	313.047 > 269.037	7890		1.533	11.45	NO	
11	M5PFHxA	INT STD	6.81	318.009 > 273.007	50170		6.521		na	65.2
12	PFPeS	2706-91-4	7.13	349.1 > 80.062	626		0.339	1.63	NO	
13	PFHpA	375-85-9	8.07	363.055 > 319.045	6586		1.255	3.64	NO	
14	M4PFHpA	INT STD	8.07	367.025 > 322.022	50423		7.820		na	78.2
15	br-PFHxS	355-46-4	8.01	399.107 > 80.062	440	M5,M7	0.284	2.13	NO	
16	L-PFHxS	355-46-4	8.24	399.107 > 80.062	2184		1.277	1.72	NO	
17	PFHxS	355-46-4		399.107 > 80.062	2624		1.561		na	
18	M3PFHxS	INT STD	8.24	402.084 > 80.062	17717		8.729		na	92.1
19	br-PFOA	335-67-1	8.79	413.063 > 369.053	5415		0.915	1.46	NO	
20	L-PFOA	335-67-1	9.01	413.063 > 369.053	30646		5.177	6.30	NO	
21	PFOA	335-67-1		413.063 > 369.053	36061		6.092		na	
22	M8PFOA	INT STD	9.01	421.002 > 376.	51832		8.650		na	86.5
23	M2PFOA	INT STD	9.01	415.048 > 370.045	61825		14.819		na	148.2
24	6:2FTS	27619-97-2	8.97	427.161 > 407.155	2563		2.646	2.17	NO	
25	M2-6:2FTS	INT STD	8.97	429.146 > 409.14	11235		24.139		na	253.8
26	PFHpS	375-92-8	9.10	449.115 > 80.062	500		0.267	1.77	NO	
27	PFNA	375-95-1	9.77	463.071 > 419.061	2469		0.418	3.45	NO	
28	M9PFNA	INT STD	9.77	472.002 > 427.	50813		9.077		na	90.8
29	br-PFOS	1763-23-1	9.57	499.123 > 80.062	11363		5.436	4.66	NO	
30	L-PFOS	1763-23-1	9.82	499.123 > 80.062	19214		12.154	1.81	NO	
31	PFOS	1763-23-1		499.123 > 80.062	30576		17.590		na	
32	M4PFOS	INT STD	9.82	503.093 > 80.062	19103		12.002		na	120.0
33	M8PFOS	INT STD	9.82	507.062 > 80.062	16653		8.503		na	88.7
34	PFDA	335-76-2	10.40	513.078 > 469.069	730		0.178	2.16	NO	
35	M2PFDA	INT STD	10.40	515.063 > 470.061	47220		15.399		na	154.0
36	M6PFDA	INT STD	10.40	519.033 > 474.03	39857		9.779		na	97.8
37	8:2FTS	39108-34-4		527.177 > 507.171			ND		YES	
38	M2-8:2FTS	INT STD	10.39	529.162 > 509.155	6775		20.090		na	209.3
39	PFNS	68259-12-1		549.131 > 80.062			ND		YES	

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:25 Eastern Daylight Time

ID: L2237198-01
Name: I24233
Date: 31-Jul-2022
Time: 00:34:44
Description: WG1669313,WG1665978,ICAL19203
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:SG
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.80	573.22 > 419.061	7982		8.378		na	83.8
41	br-NMeFOSAA	2355-31-9	10.64	570.202 > 419.061	25	M5,M7	0.131	3.52	YES	
42	L-NMeFOSAA	2355-31-9	10.81	570.202 > 419.061	32		0.062	2.93	YES	
43	NMeFOSAA	2355-31-9		570.202 > 419.061	57		0.193		na	
44	PFUnA	2058-94-8		563.086 > 519.076			ND		YES	
45	M7-PFUDA	INT STD	10.95	570.033 > 525.031	40695		9.890		na	98.9
46	PFDS	335-77-3		598.926 > 80.062			ND		YES	
47	FOSA	754-91-6	10.89	498.146 > 78.07	599	M7	0.361	46.05	NO	
48	M8FOSA	INT STD	10.89	506.077 > 78.07	17320		2.657		na	26.6
49	d5-NEtFOSAA	INT STD	11.09	589.259 > 419.061	7023		7.185		na	71.9
50	br-NEtFOSAA	2991-50-6	10.86	584.229 > 419.061	39	M5,M7	0.213	0.92	NO	
51	L-NEtFOSAA	2991-50-6	11.10	584.229 > 419.061	119		0.262	1.46	NO	
52	NEtFOSAA	2991-50-6		584.229 > 419.061	158		0.475		na	
53	PFDoA	307-55-1		613.094 > 569.084			ND		YES	
54	MPFDOA	INT STD	11.43	615.079 > 570.077	40974		8.433		na	84.3
55	PFTrDA	72629-94-8		663.102 > 619.092			ND		YES	
56	PFTA	376-06-7		713.11 > 669.1			ND		YES	
57	M2PFTEDA	INT STD	12.21	715.094 > 670.092	21827		8.163		na	81.6

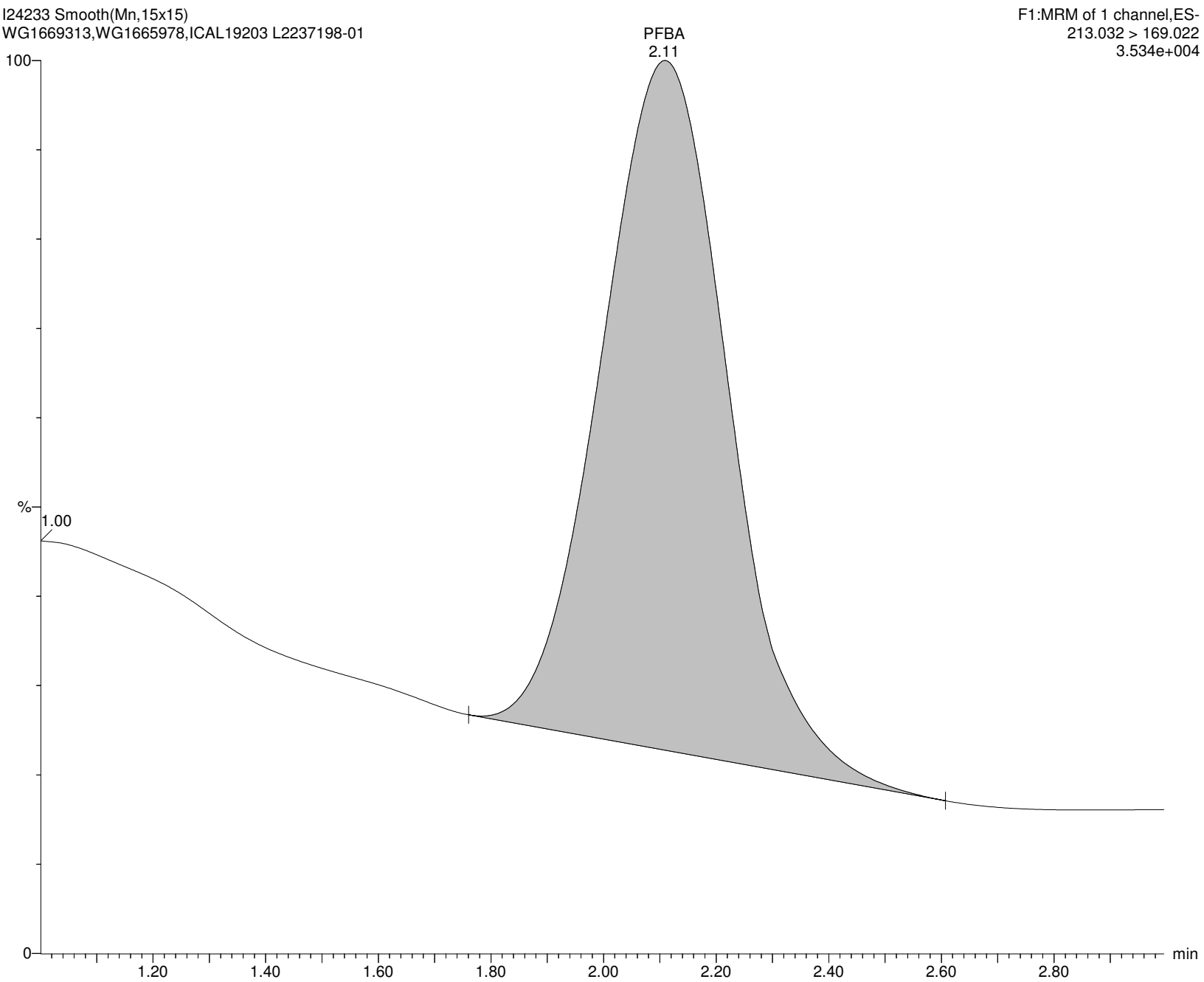
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:25 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220730_537ISO.PRO\MethDB\537ISO_Q_220725_RT.mdb 29 Jul 2022 09:44:29
Calibration: C:\MassLynx\Data\2022\220730_537ISO.PRO\CurveDB\220725_ICAL.cdb 26 Jul 2022 09:37:13

Name: I24233
ID: L2237198-01
Date: 31-Jul-2022
Time: 00:34:44
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFBA

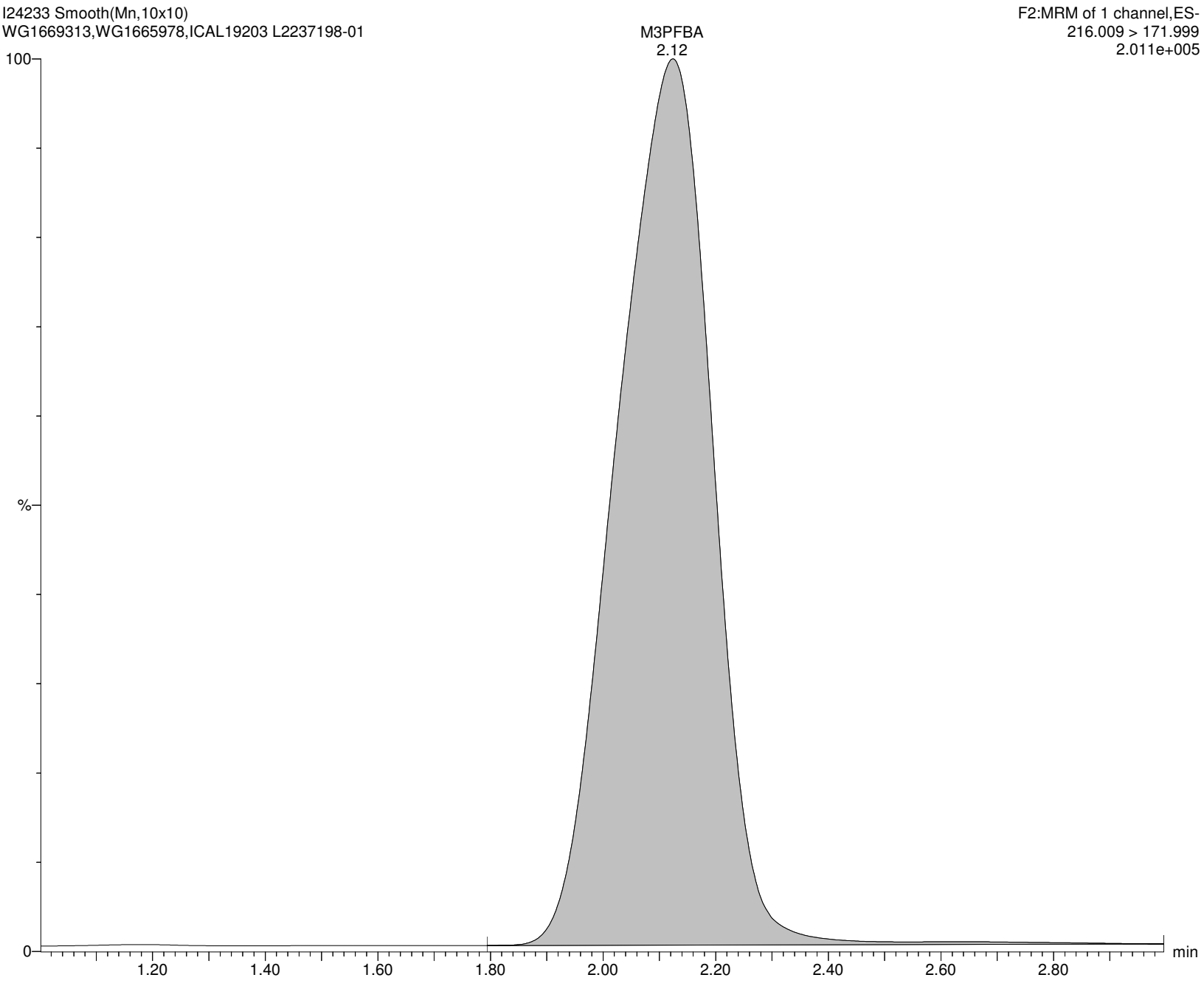


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:25 Eastern Daylight Time

Name: I24233
ID: L2237198-01
Date: 31-Jul-2022
Time: 00:34:44
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M3PFBA

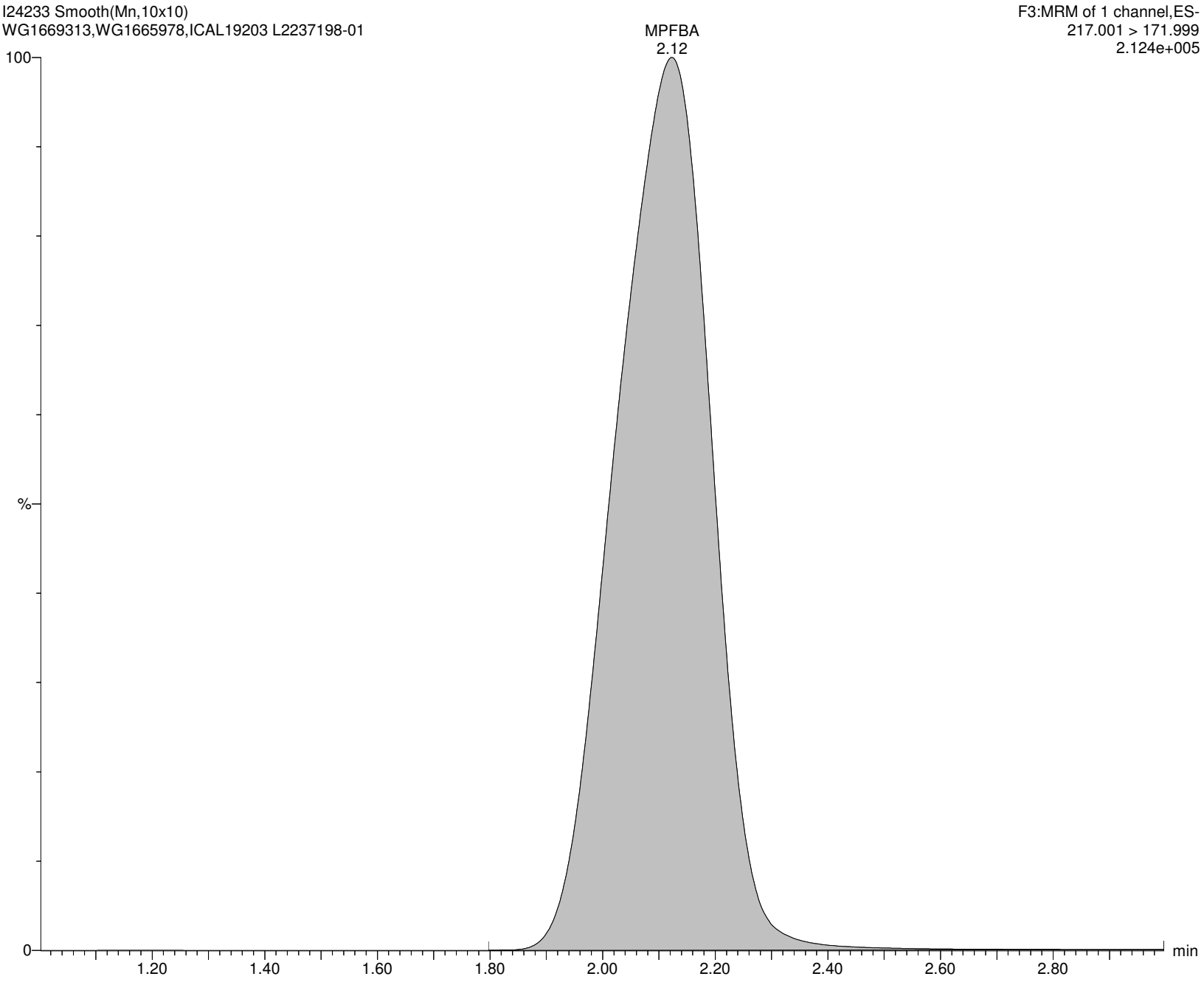


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:25 Eastern Daylight Time

Name: I24233
ID: L2237198-01
Date: 31-Jul-2022
Time: 00:34:44
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

MPFBA

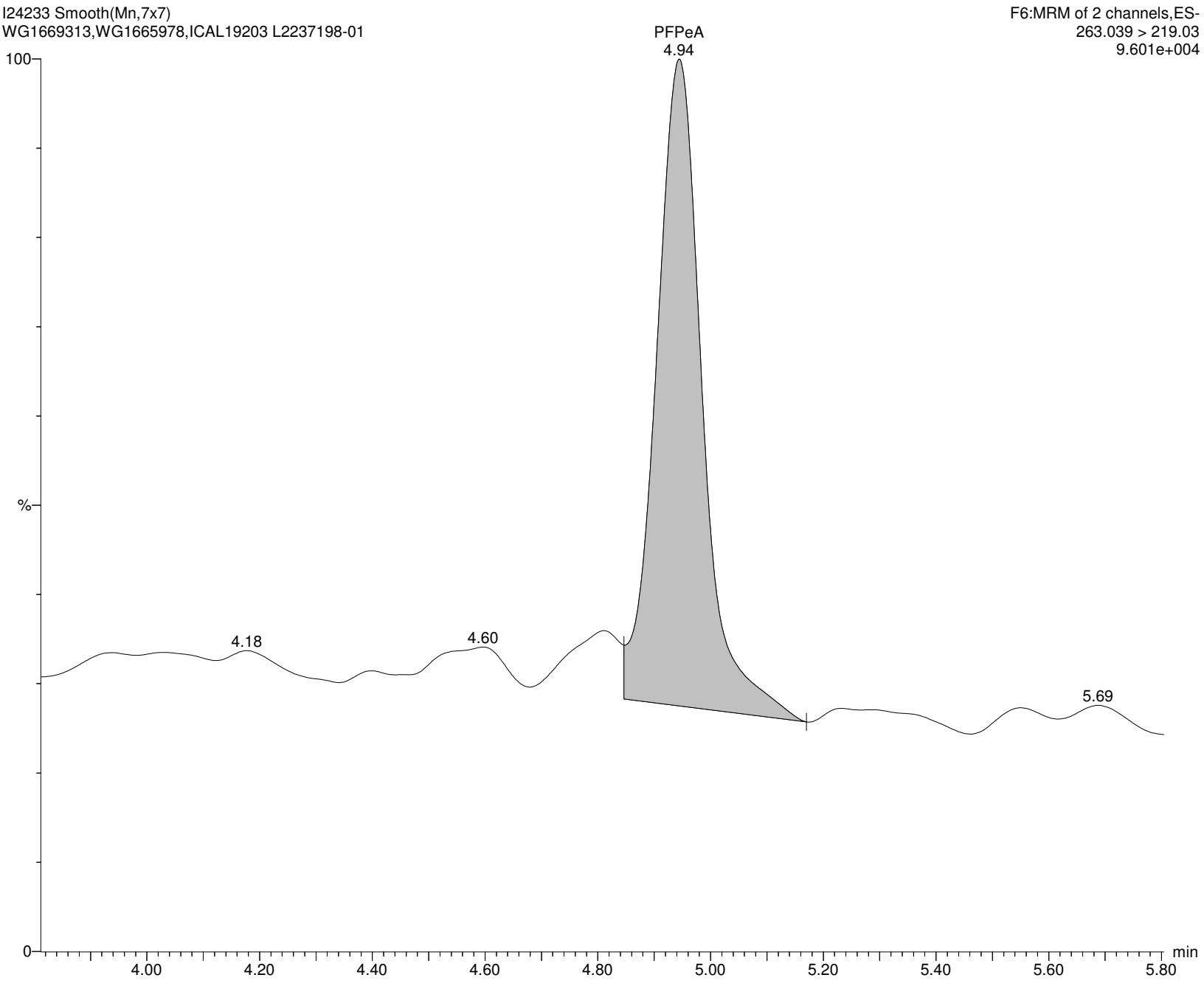


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:25 Eastern Daylight Time

Name: I24233
ID: L2237198-01
Date: 31-Jul-2022
Time: 00:34:44
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFPeA

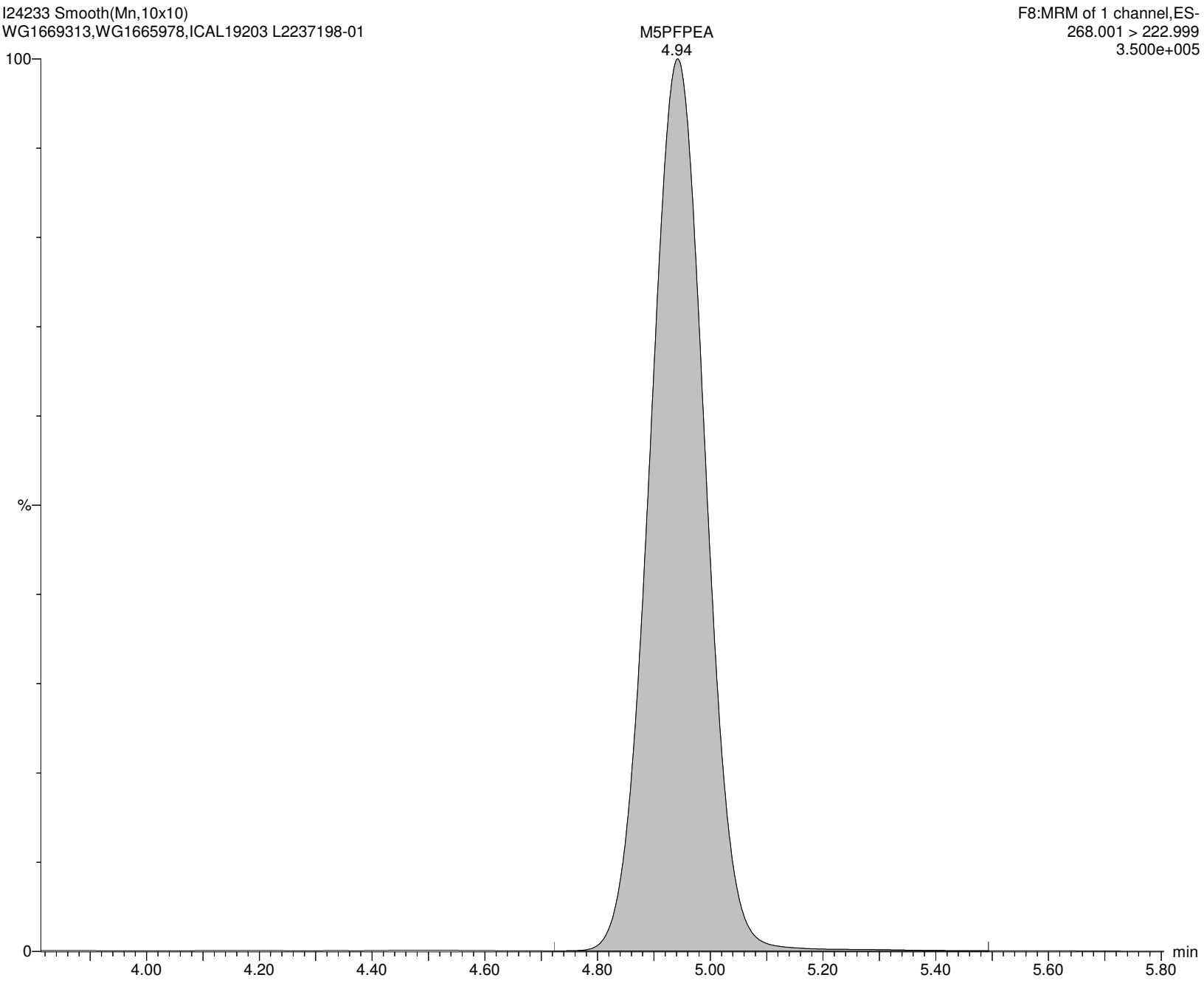


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:25 Eastern Daylight Time

Name: I24233
ID: L2237198-01
Date: 31-Jul-2022
Time: 00:34:44
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M5PFPEA

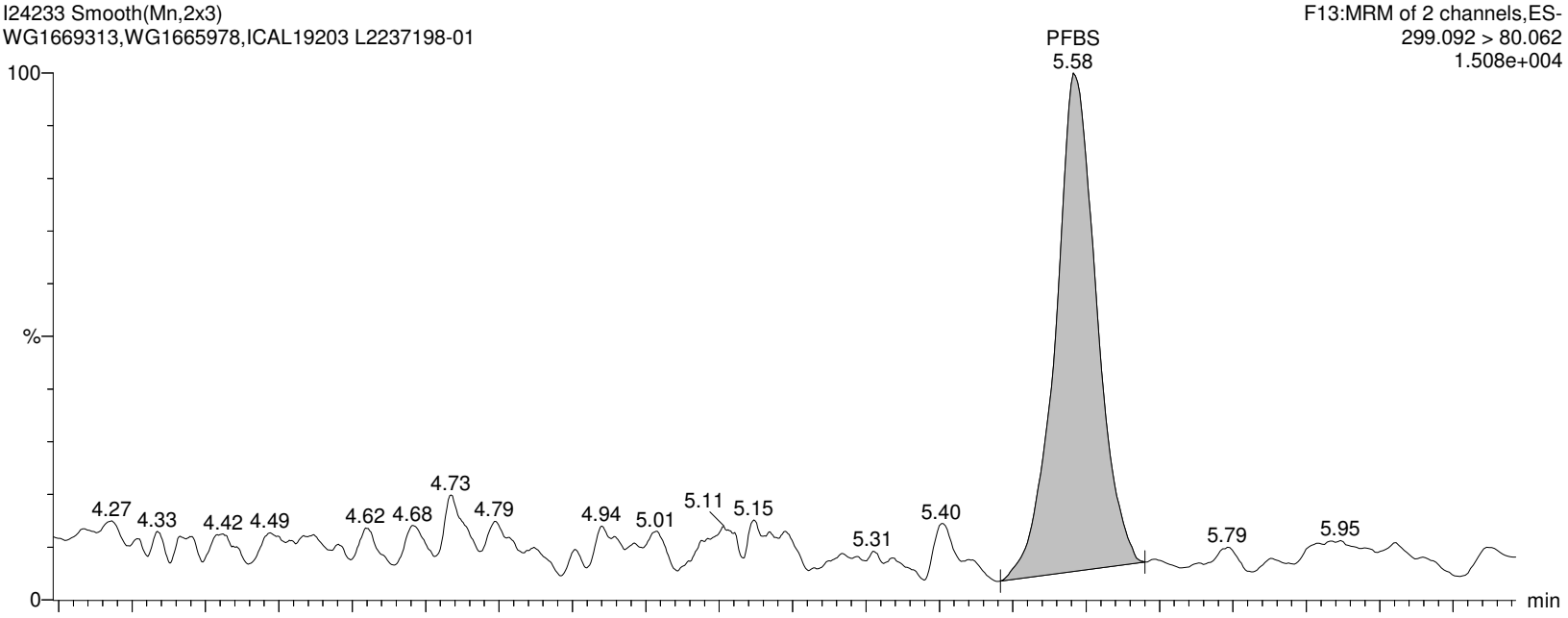


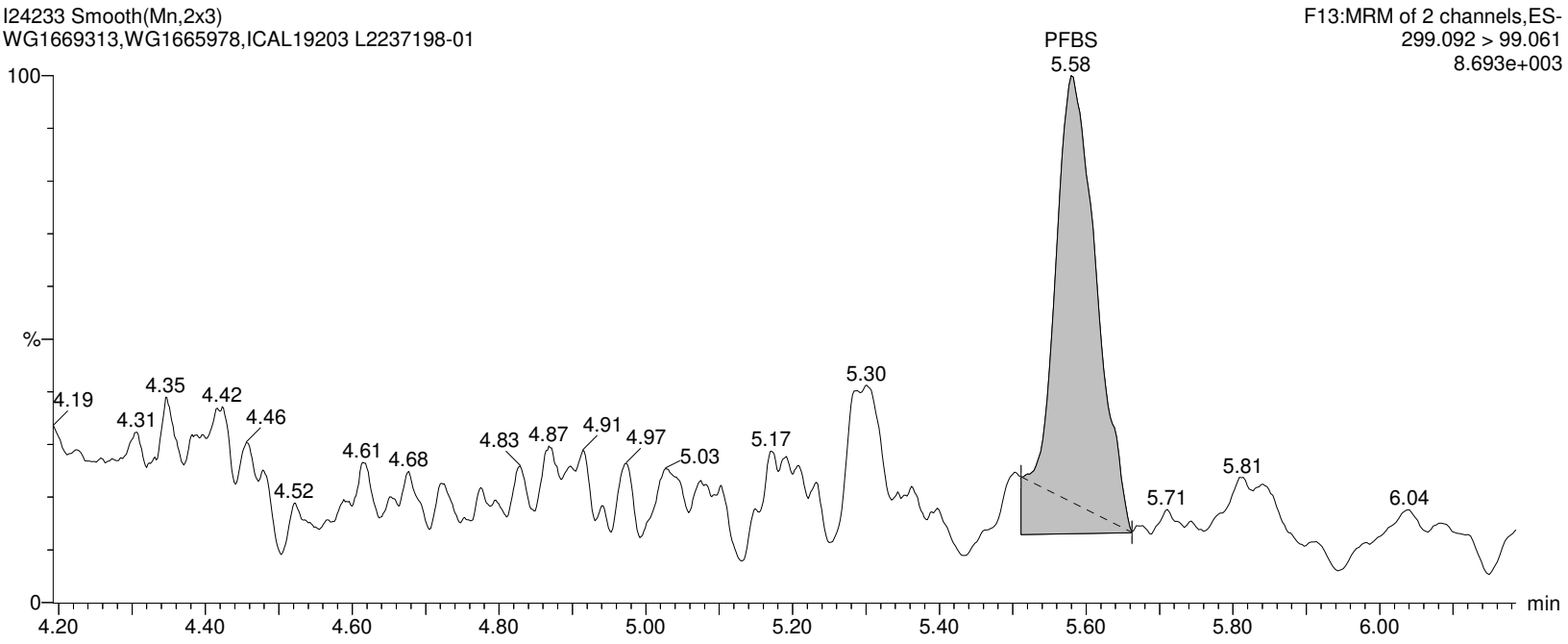
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:25 Eastern Daylight Time

Name: I24233
ID: L2237198-01
Date: 31-Jul-2022
Time: 00:34:44
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFBS



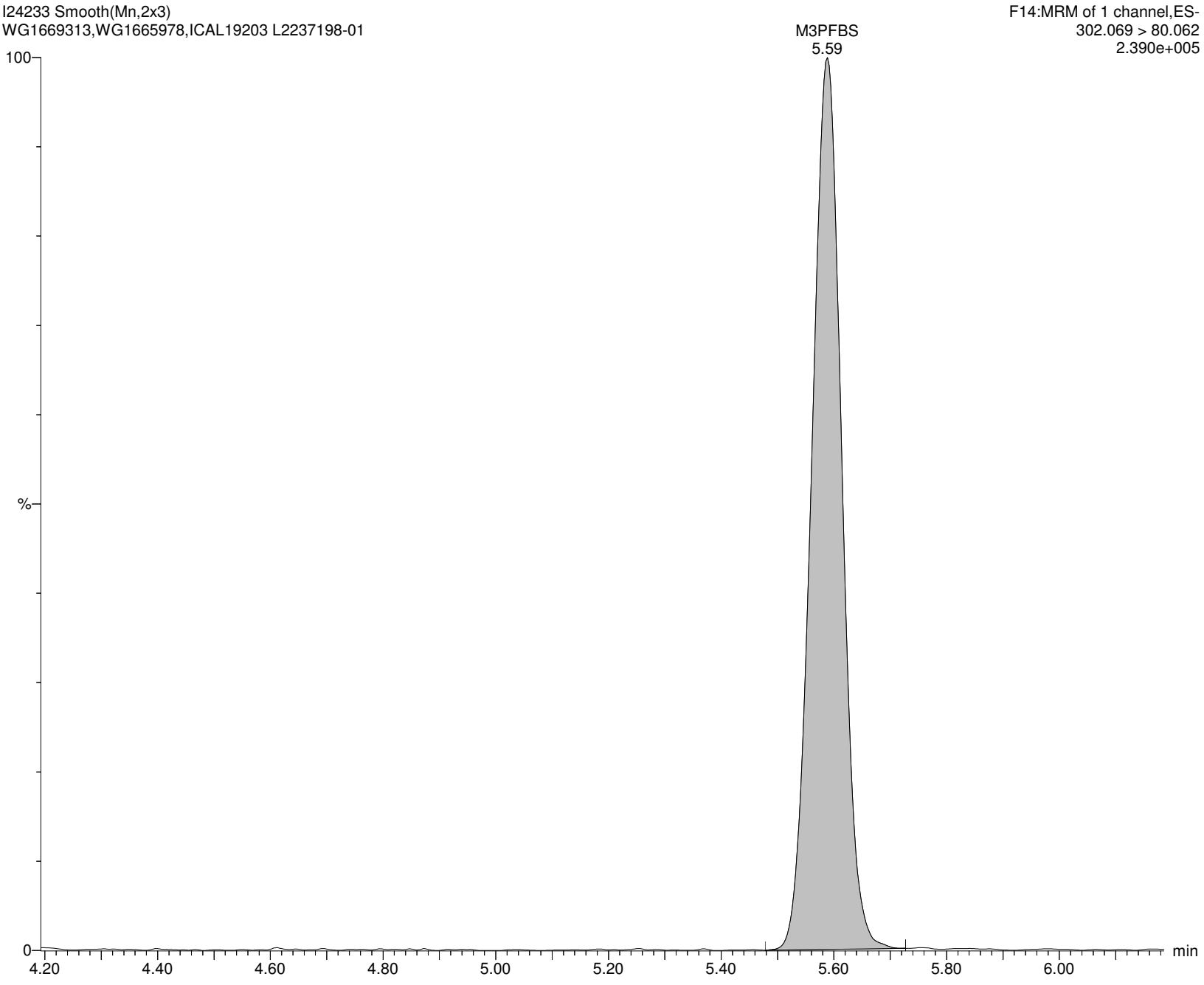


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:25 Eastern Daylight Time

Name: I24233
ID: L2237198-01
Date: 31-Jul-2022
Time: 00:34:44
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M3PFBS

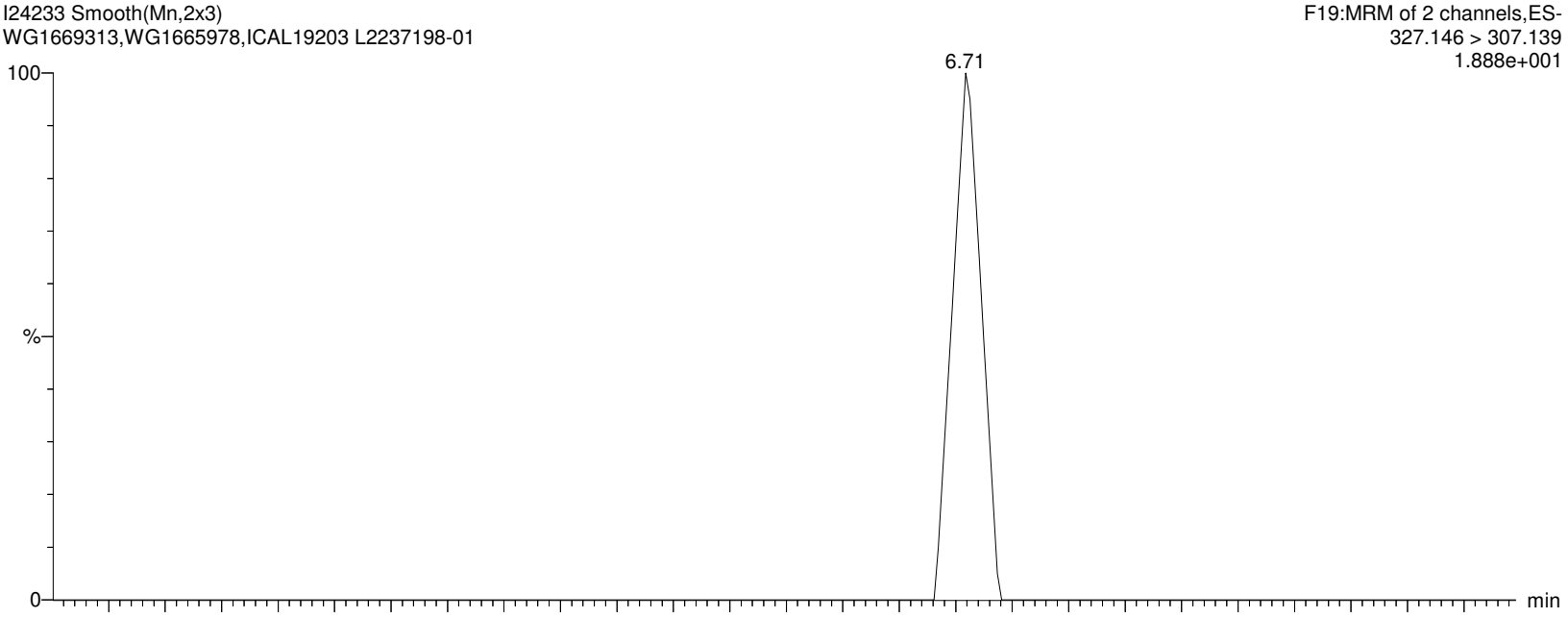


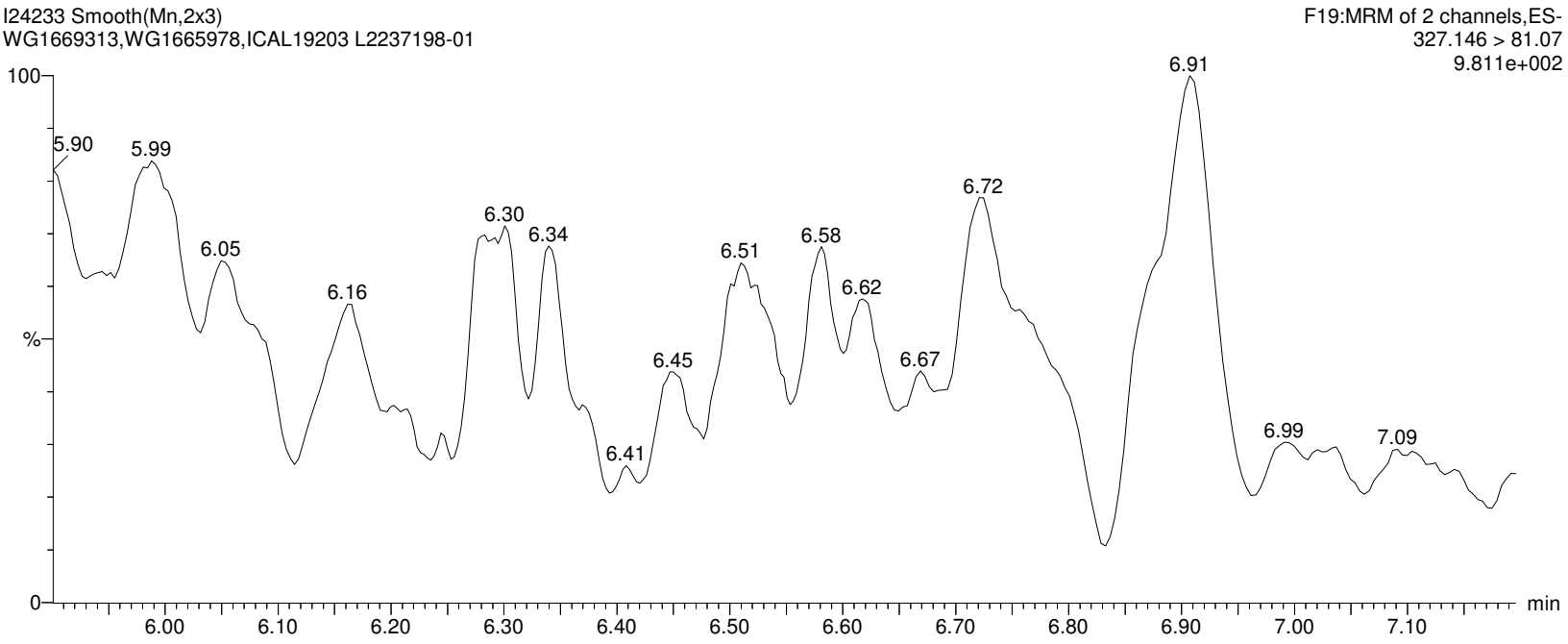
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:25 Eastern Daylight Time

Name: I24233
ID: L2237198-01
Date: 31-Jul-2022
Time: 00:34:44
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

4:2FTS



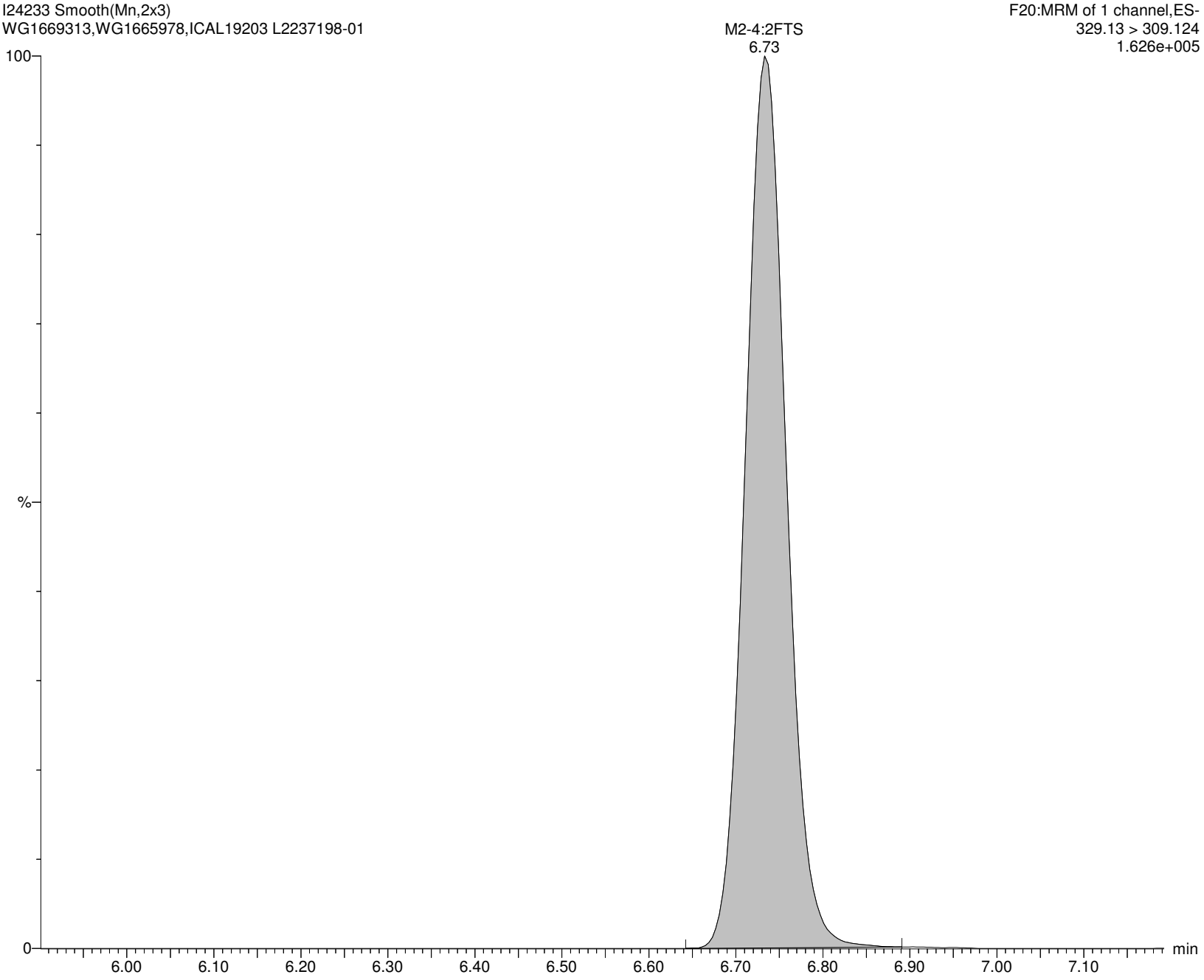


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:25 Eastern Daylight Time

Name: I24233
ID: L2237198-01
Date: 31-Jul-2022
Time: 00:34:44
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2-4:2FTS

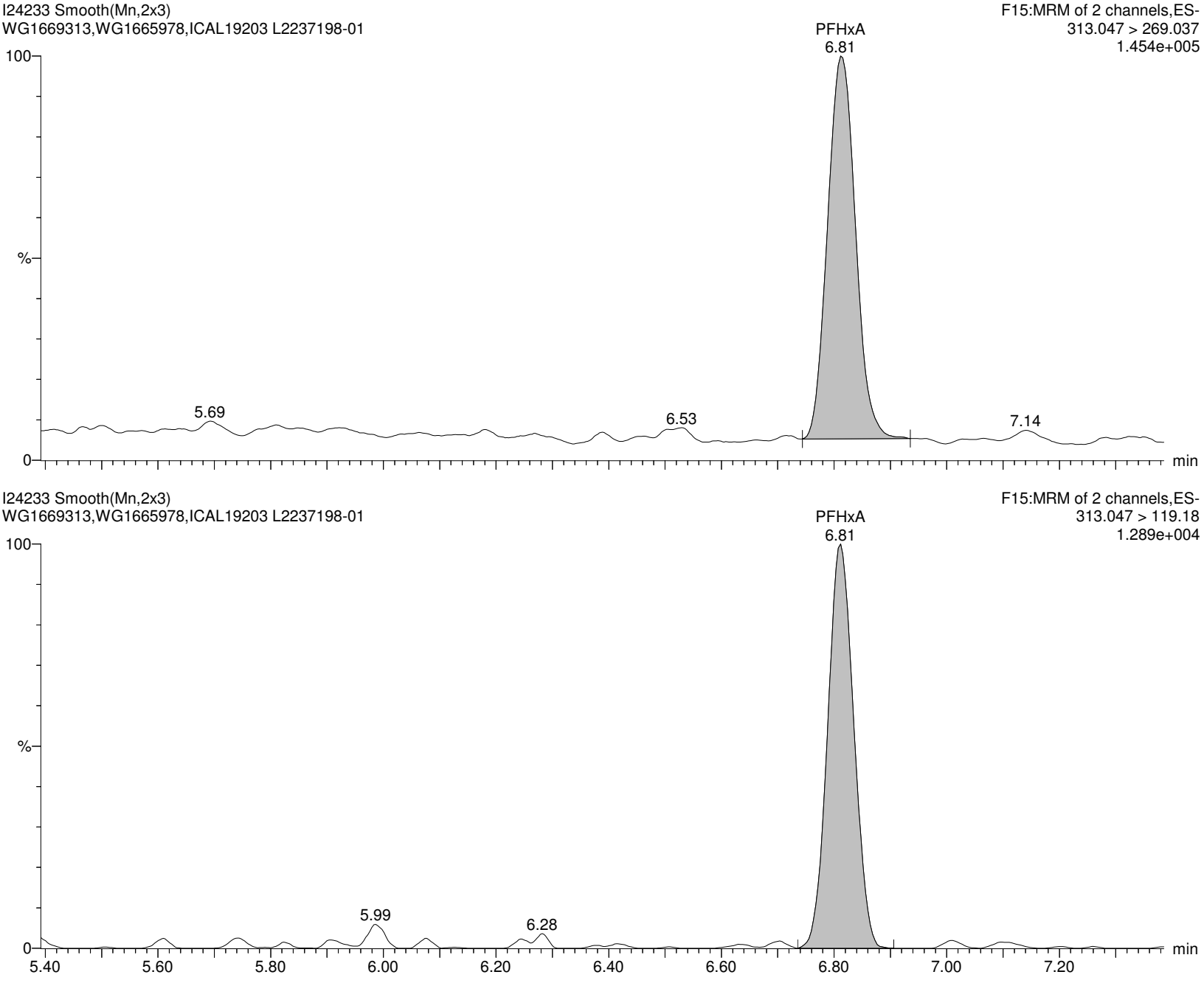


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:25 Eastern Daylight Time

Name: I24233
ID: L2237198-01
Date: 31-Jul-2022
Time: 00:34:44
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFHxA

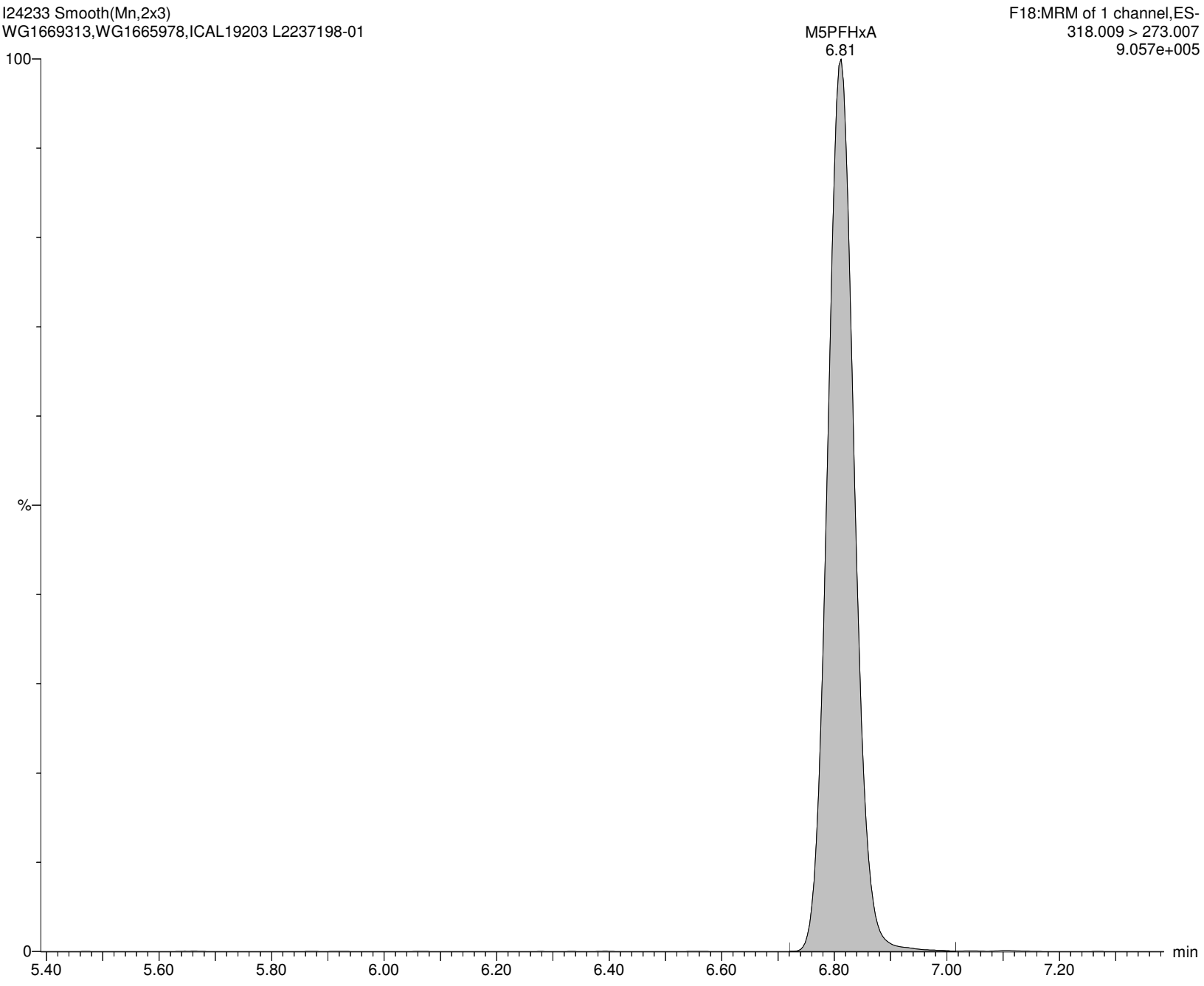


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:25 Eastern Daylight Time

Name: I24233
ID: L2237198-01
Date: 31-Jul-2022
Time: 00:34:44
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M5PFHxA

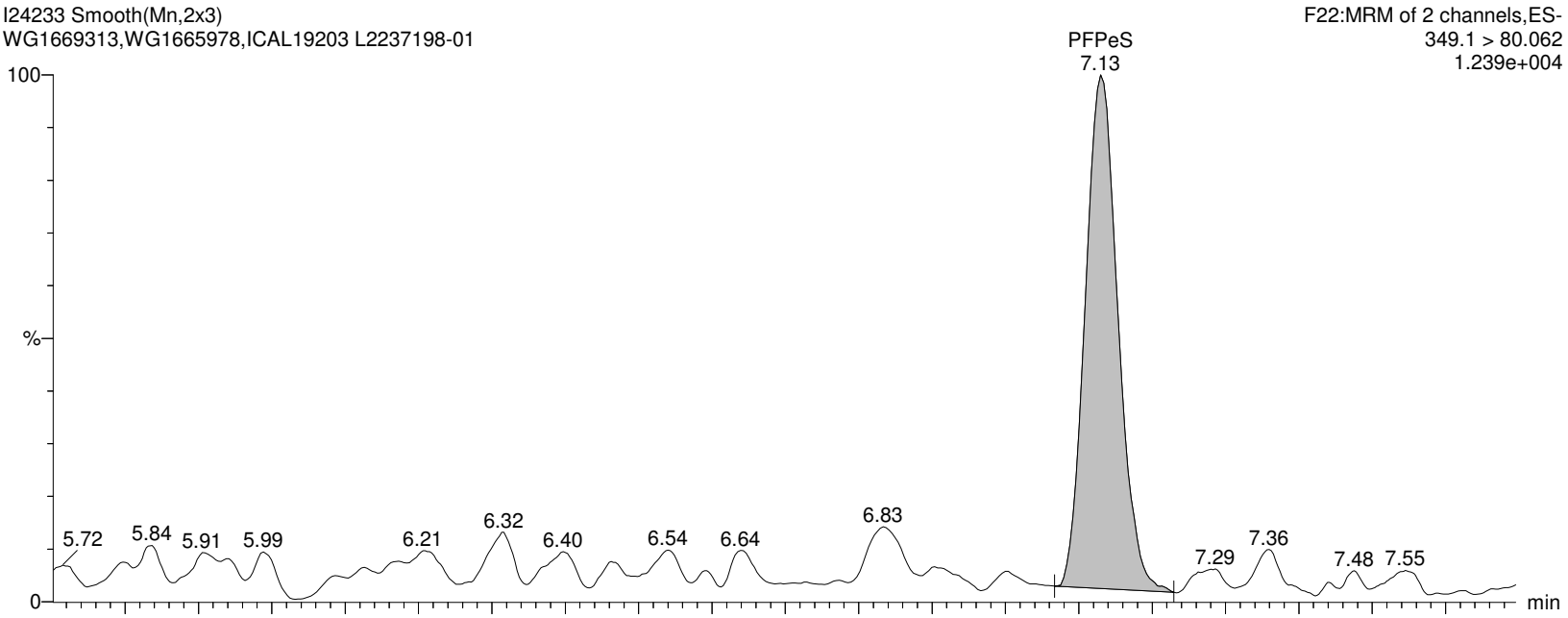


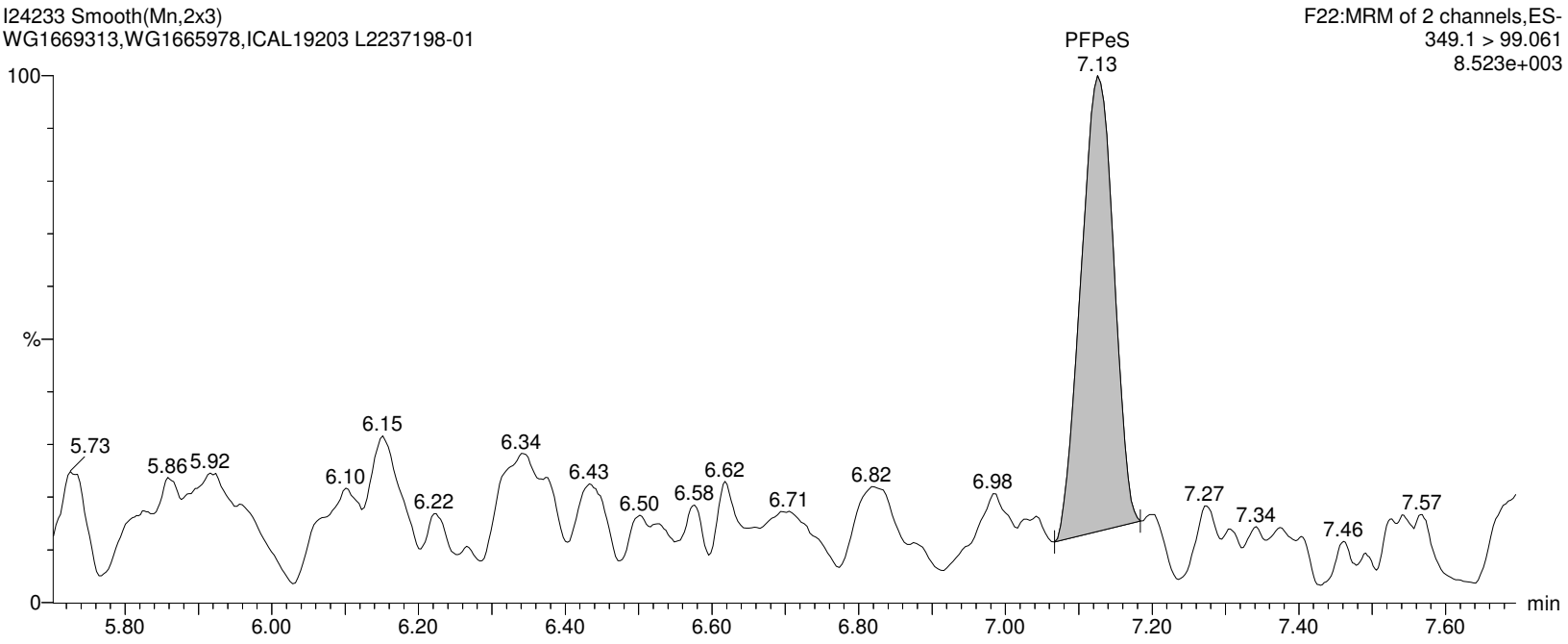
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:25 Eastern Daylight Time

Name: I24233
ID: L2237198-01
Date: 31-Jul-2022
Time: 00:34:44
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFPeS



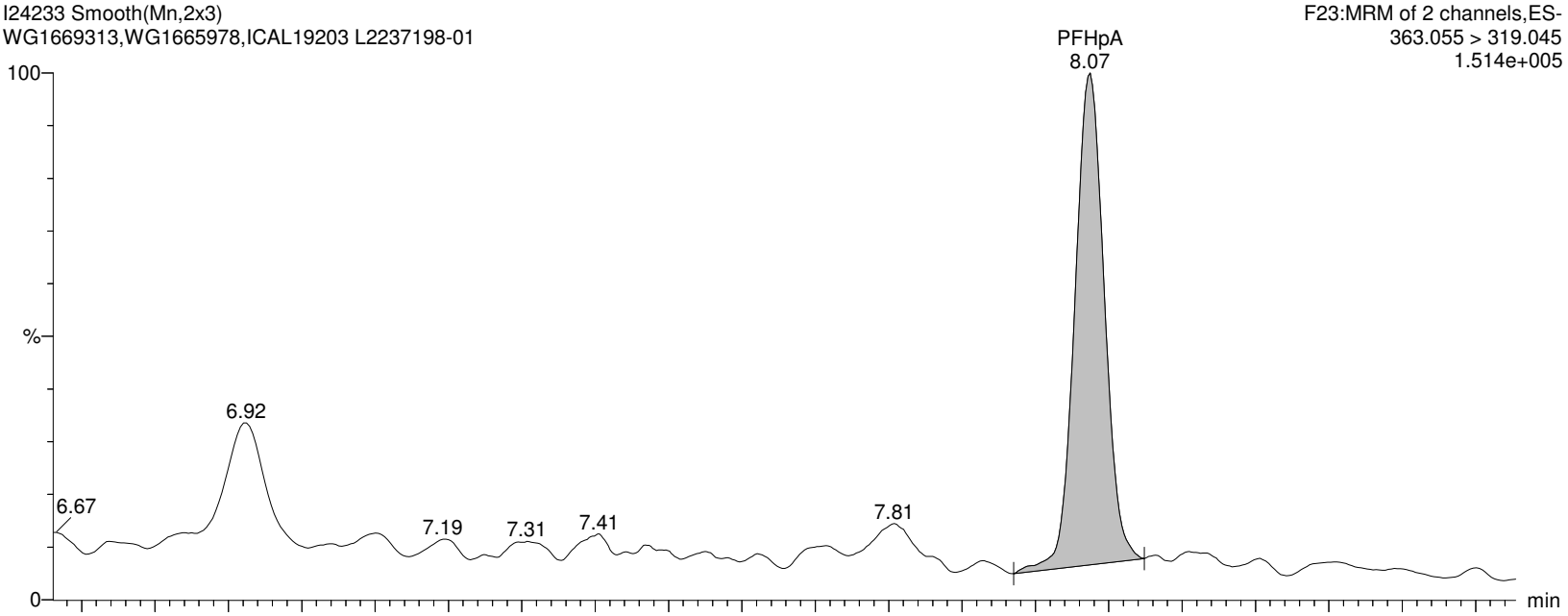


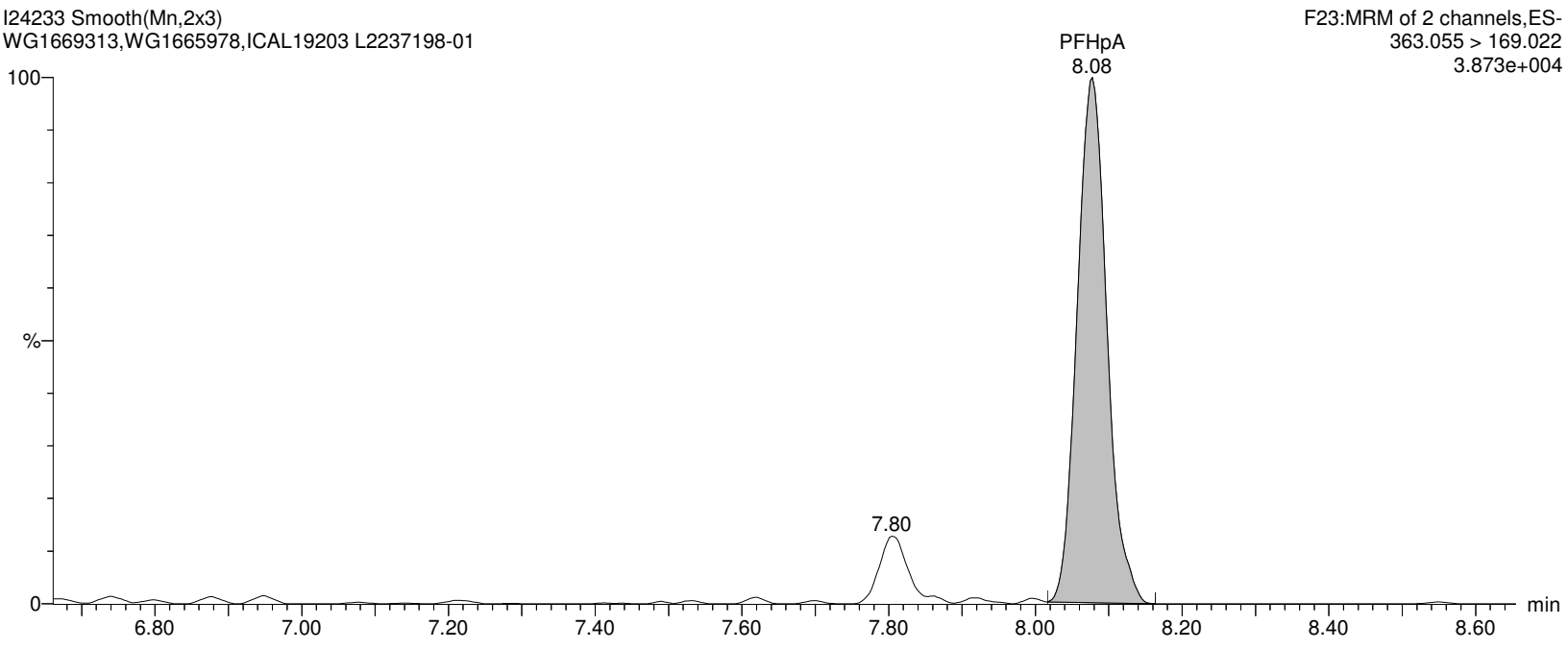
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:25 Eastern Daylight Time

Name: I24233
ID: L2237198-01
Date: 31-Jul-2022
Time: 00:34:44
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFHpA



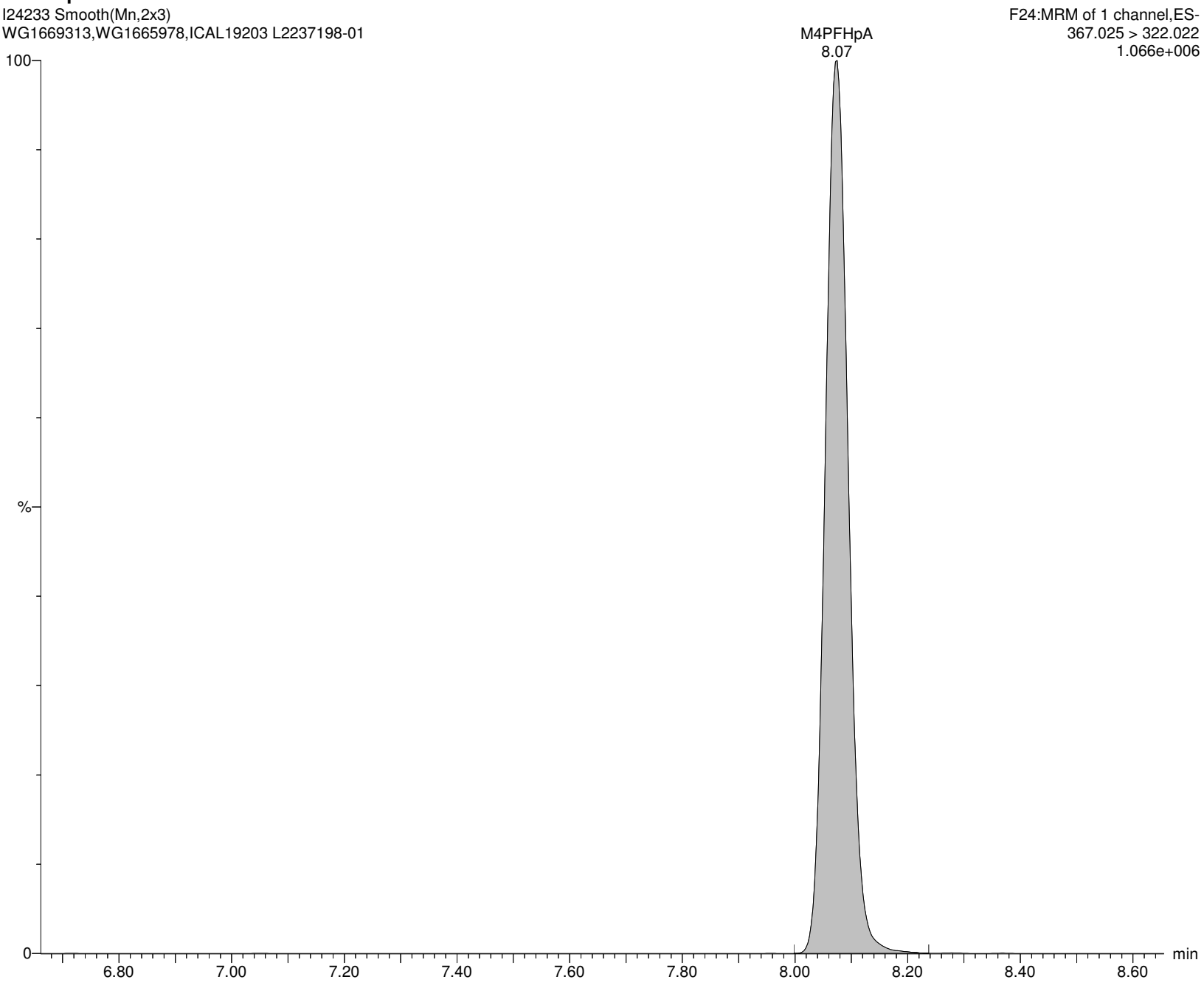


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:25 Eastern Daylight Time

Name: I24233
ID: L2237198-01
Date: 31-Jul-2022
Time: 00:34:44
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M4PFHpA

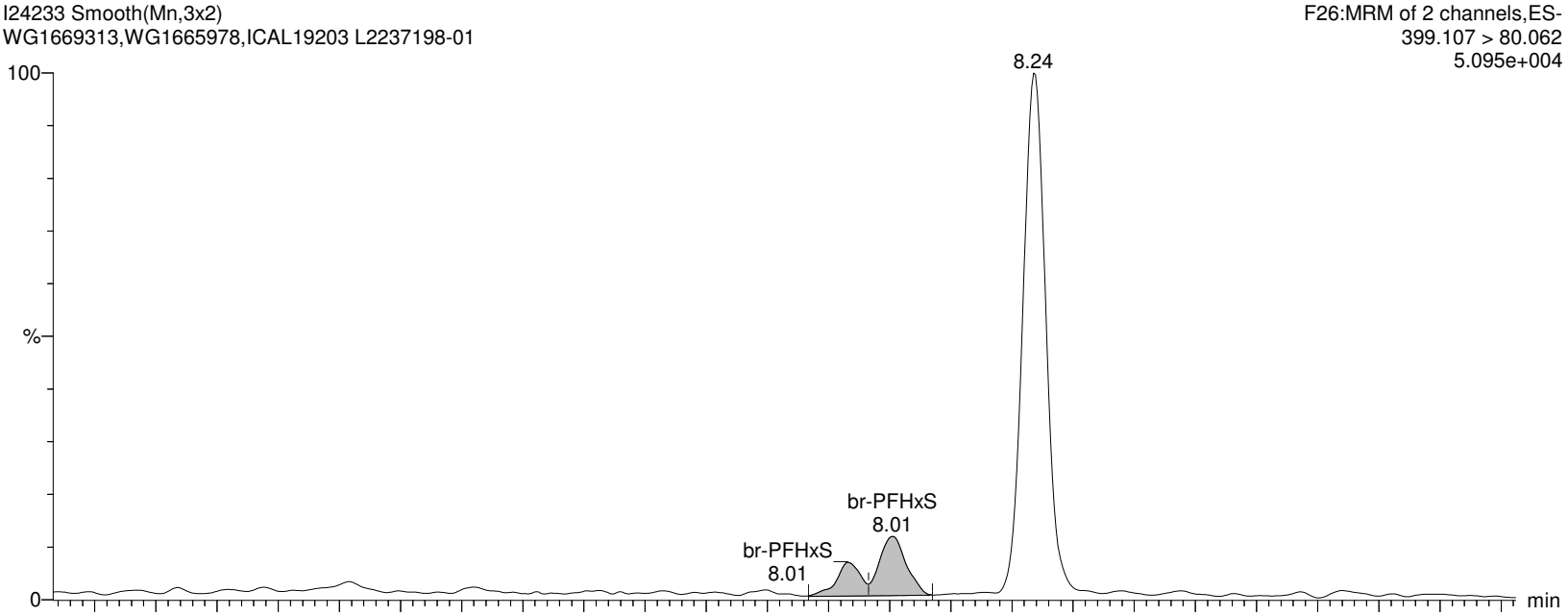


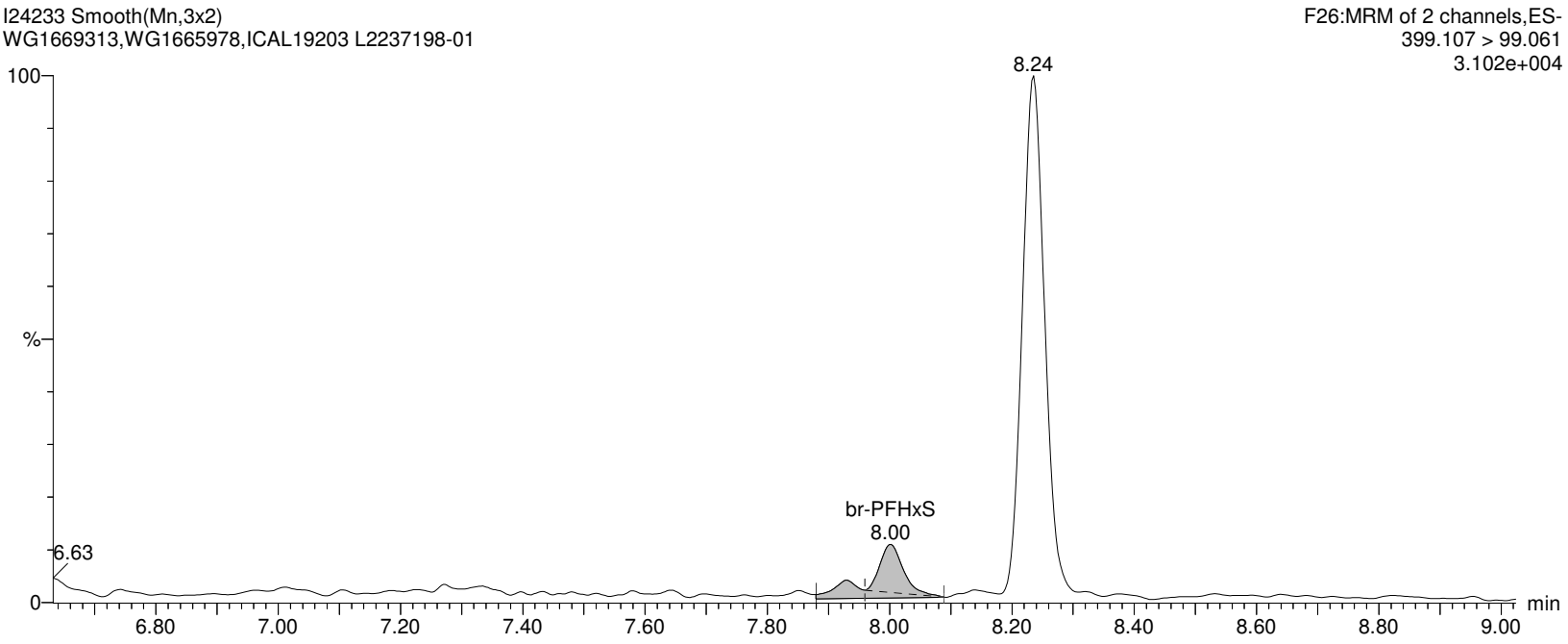
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:25 Eastern Daylight Time

Name: I24233
ID: L2237198-01
Date: 31-Jul-2022
Time: 00:34:44
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

br-PFHxS



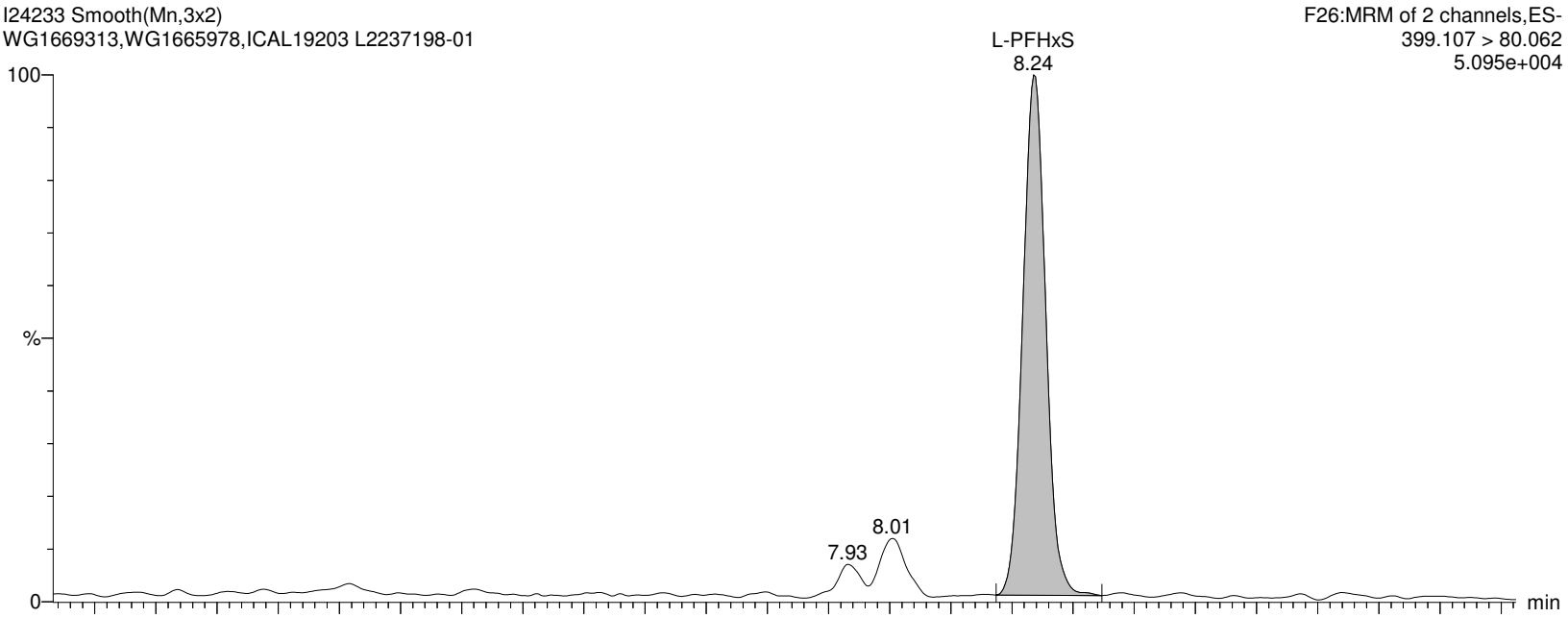


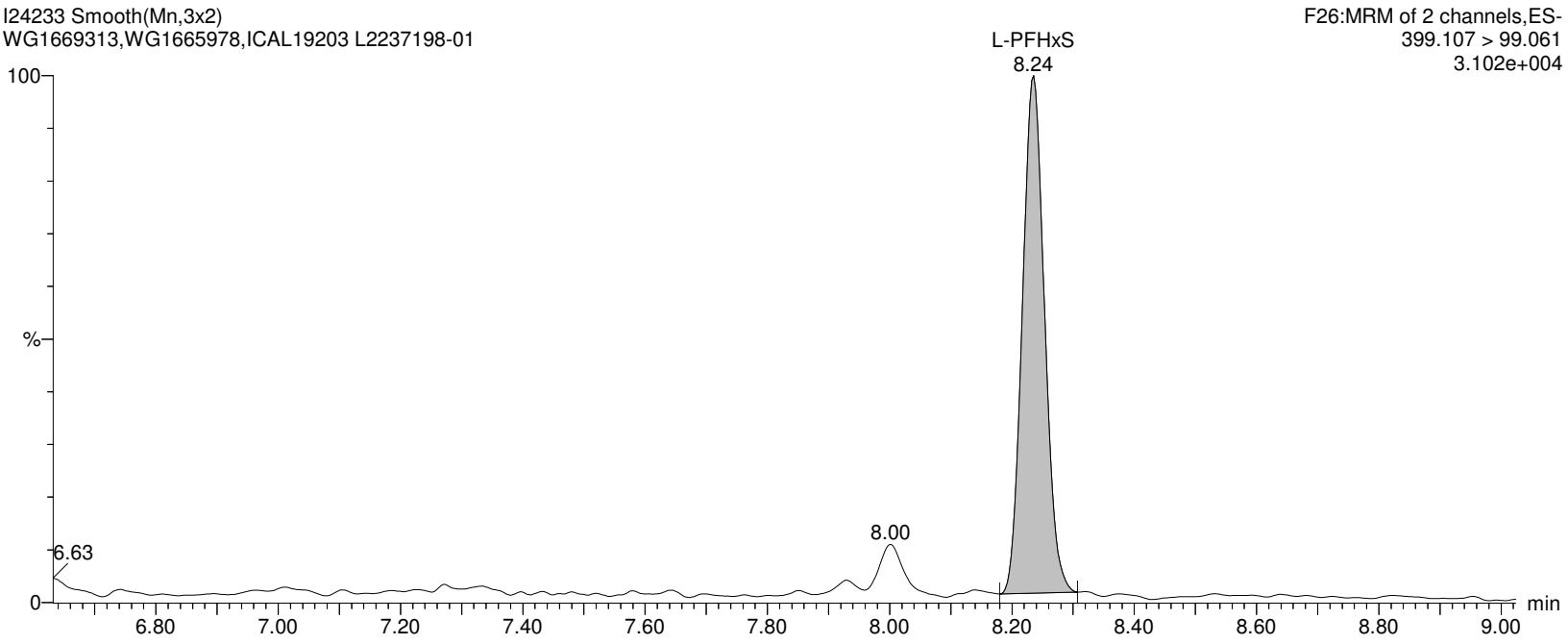
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:25 Eastern Daylight Time

Name: I24233
ID: L2237198-01
Date: 31-Jul-2022
Time: 00:34:44
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

L-PFHxS



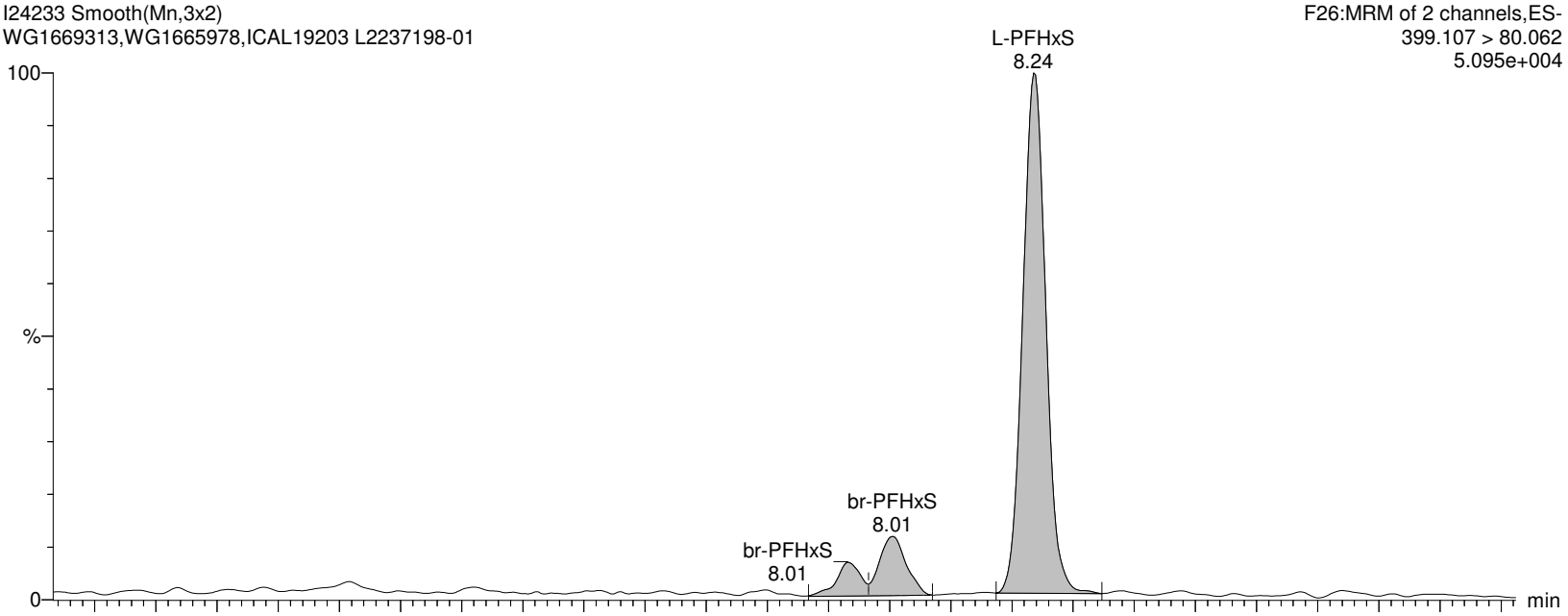


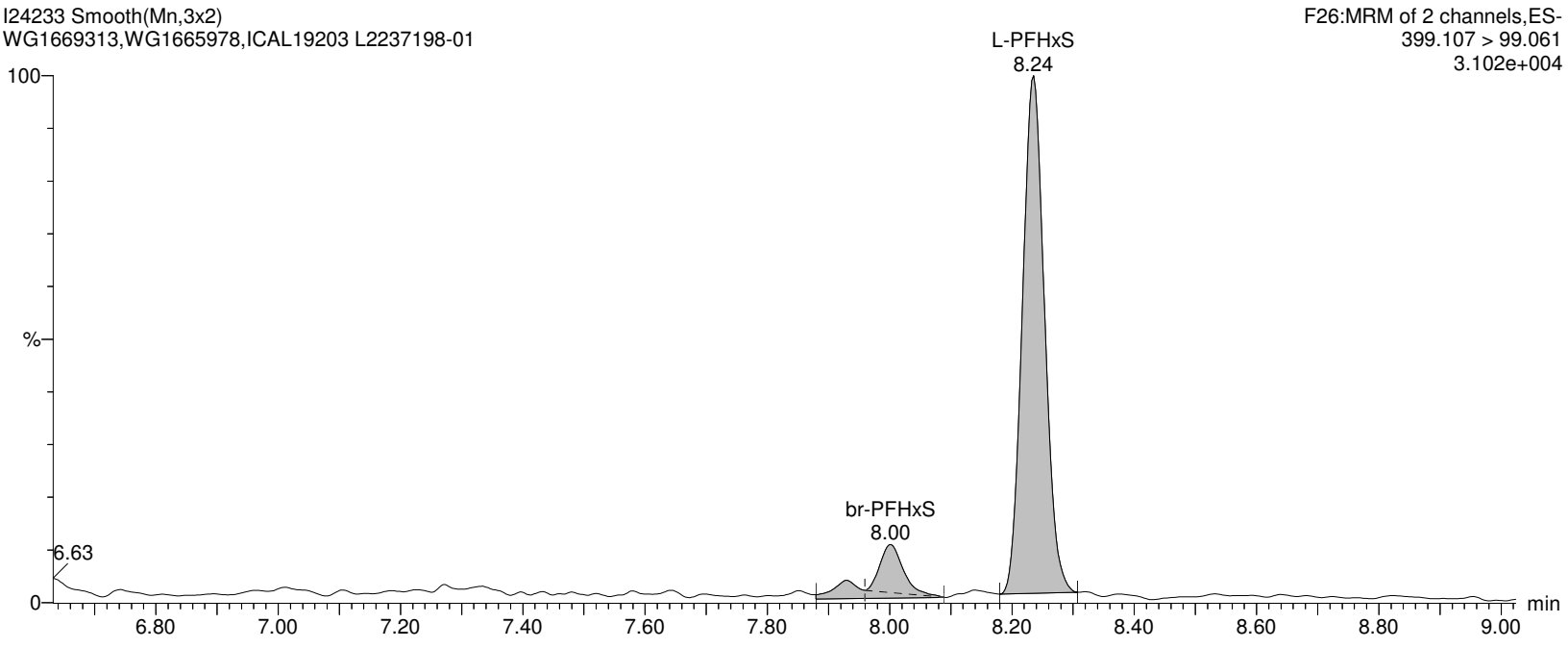
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:25 Eastern Daylight Time

Name: I24233
ID: L2237198-01
Date: 31-Jul-2022
Time: 00:34:44
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFHxS



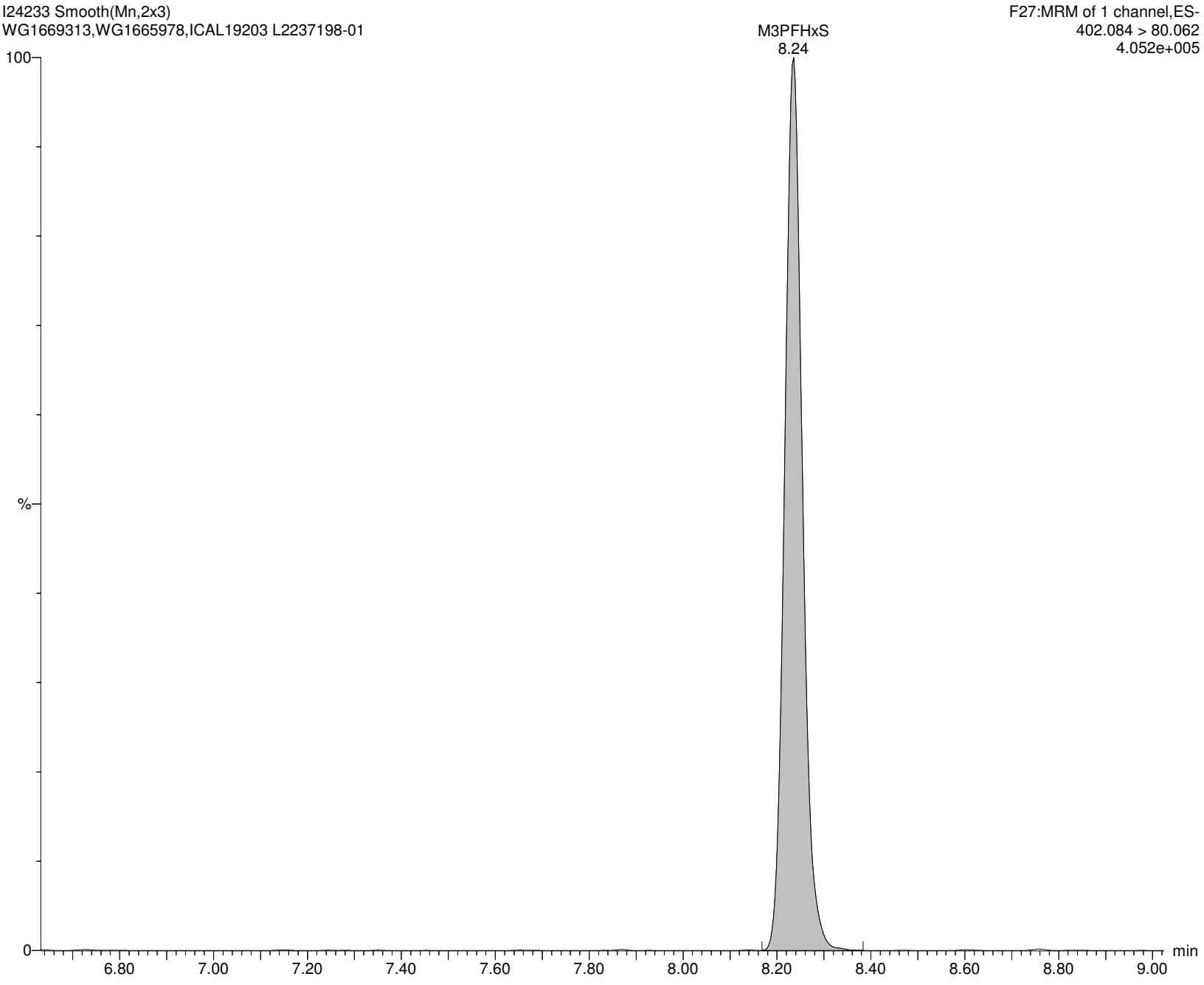


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:25 Eastern Daylight Time

Name: I24233
ID: L2237198-01
Date: 31-Jul-2022
Time: 00:34:44
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M3PFHxS

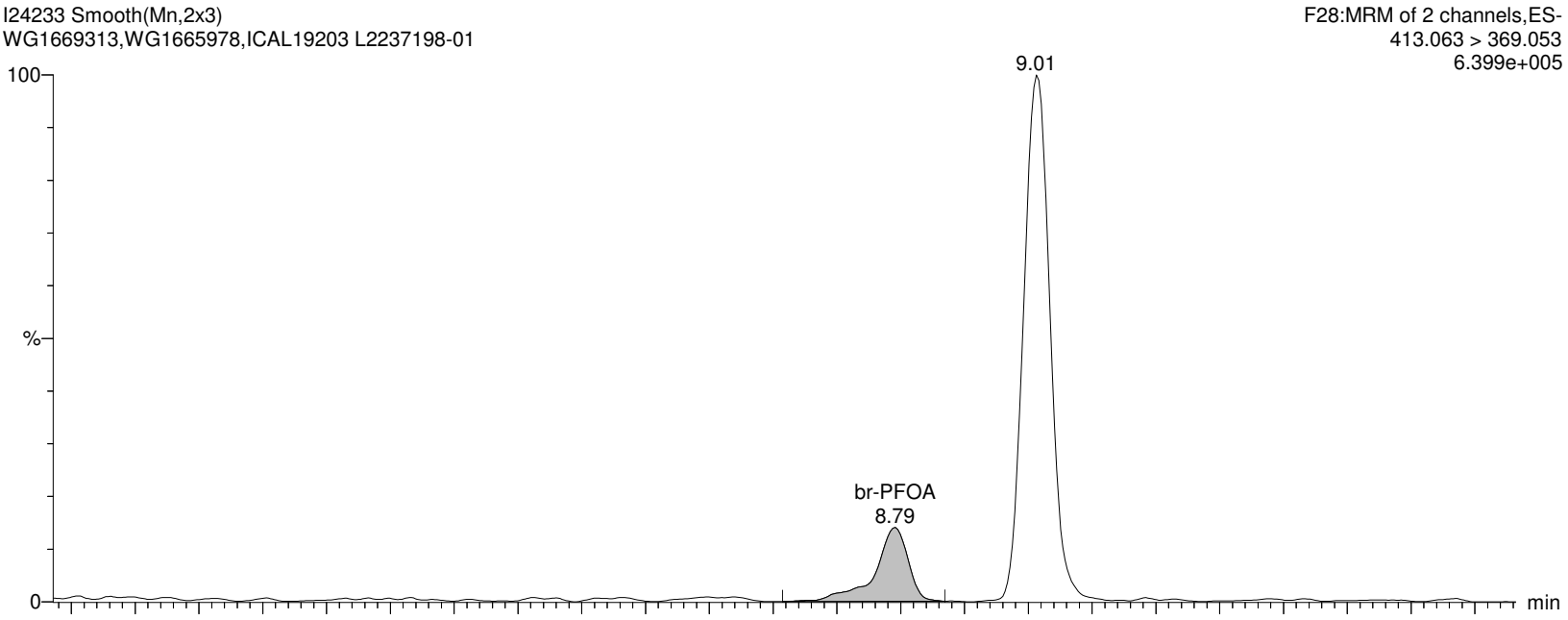


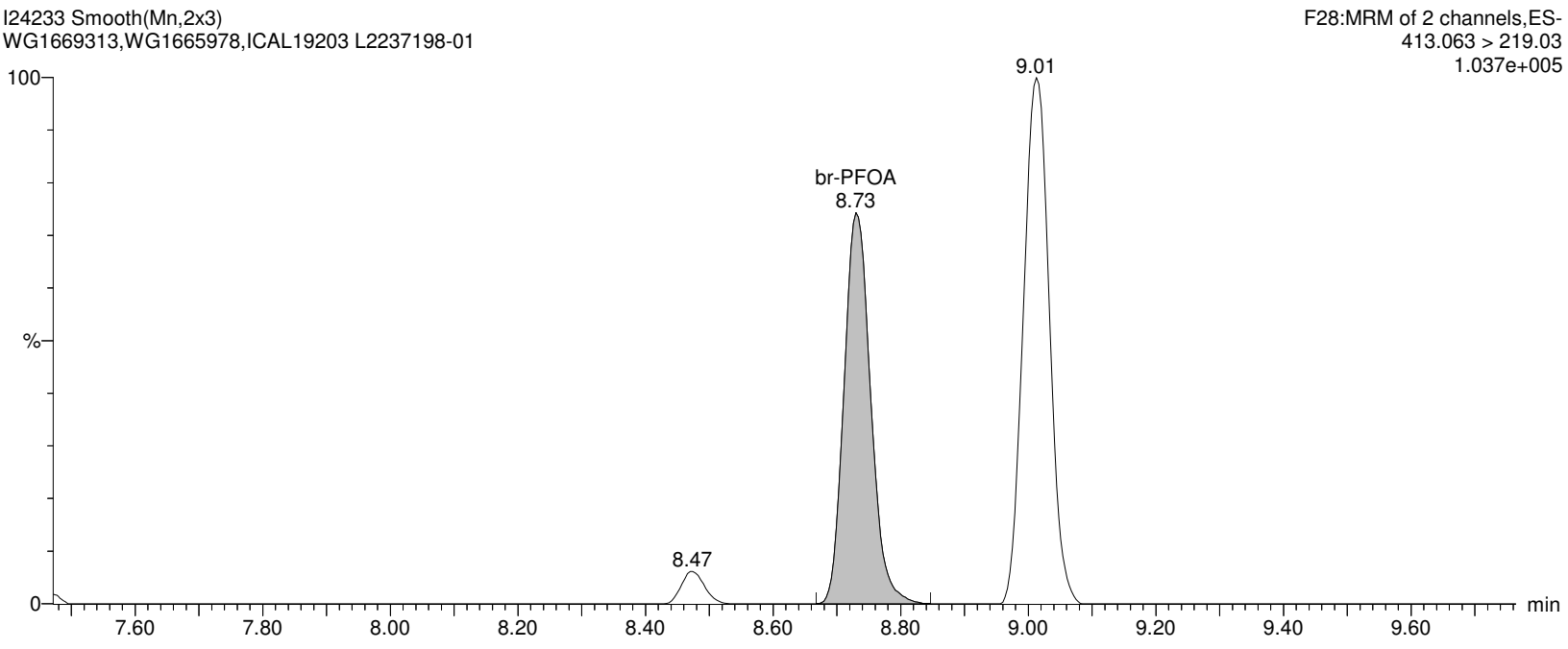
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:25 Eastern Daylight Time

Name: I24233
ID: L2237198-01
Date: 31-Jul-2022
Time: 00:34:44
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

br-PFOA



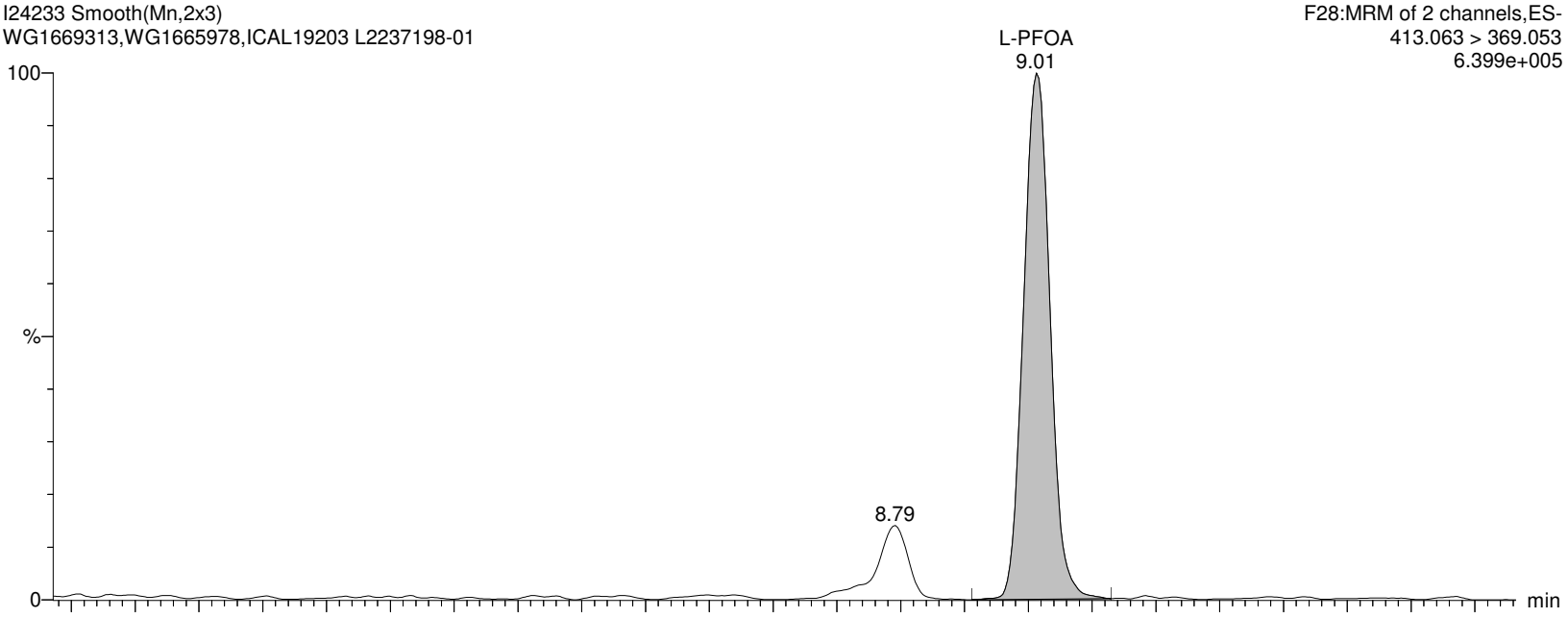


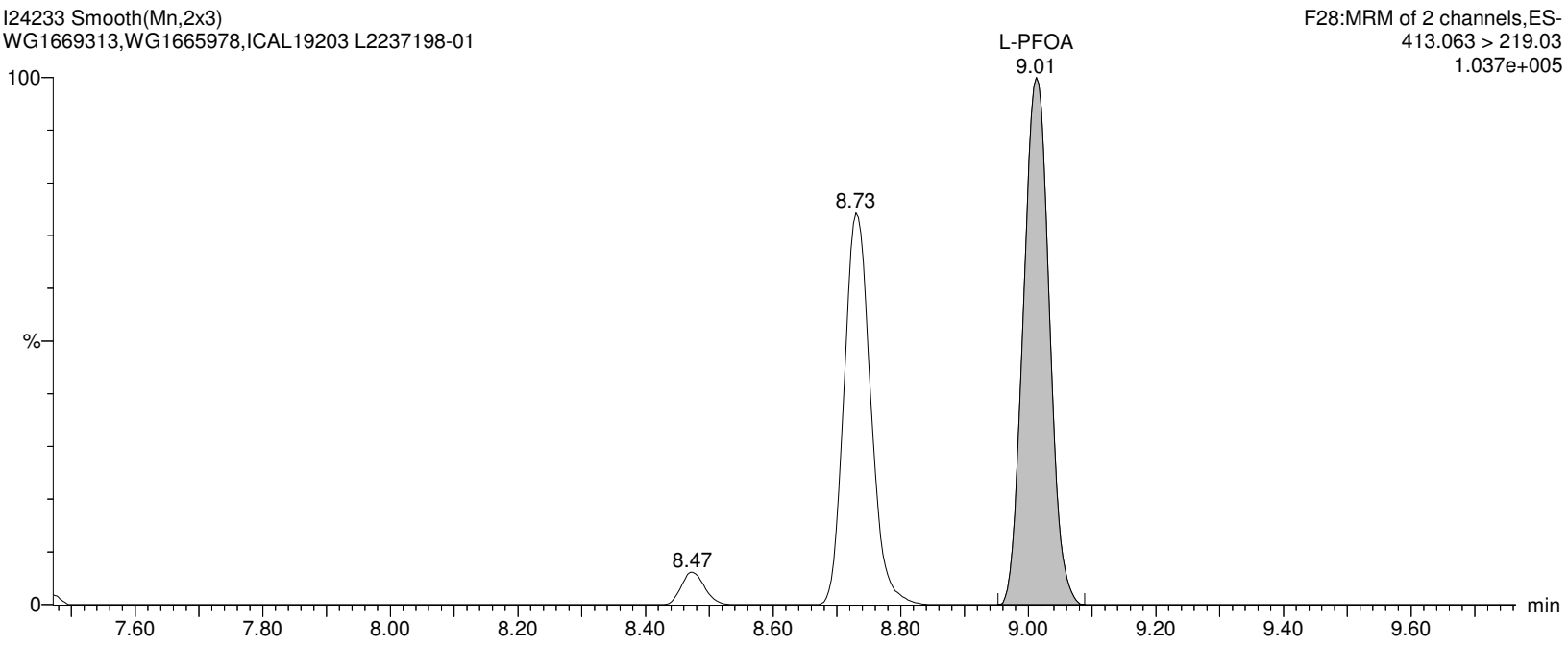
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:25 Eastern Daylight Time

Name: I24233
ID: L2237198-01
Date: 31-Jul-2022
Time: 00:34:44
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

L-PFOA



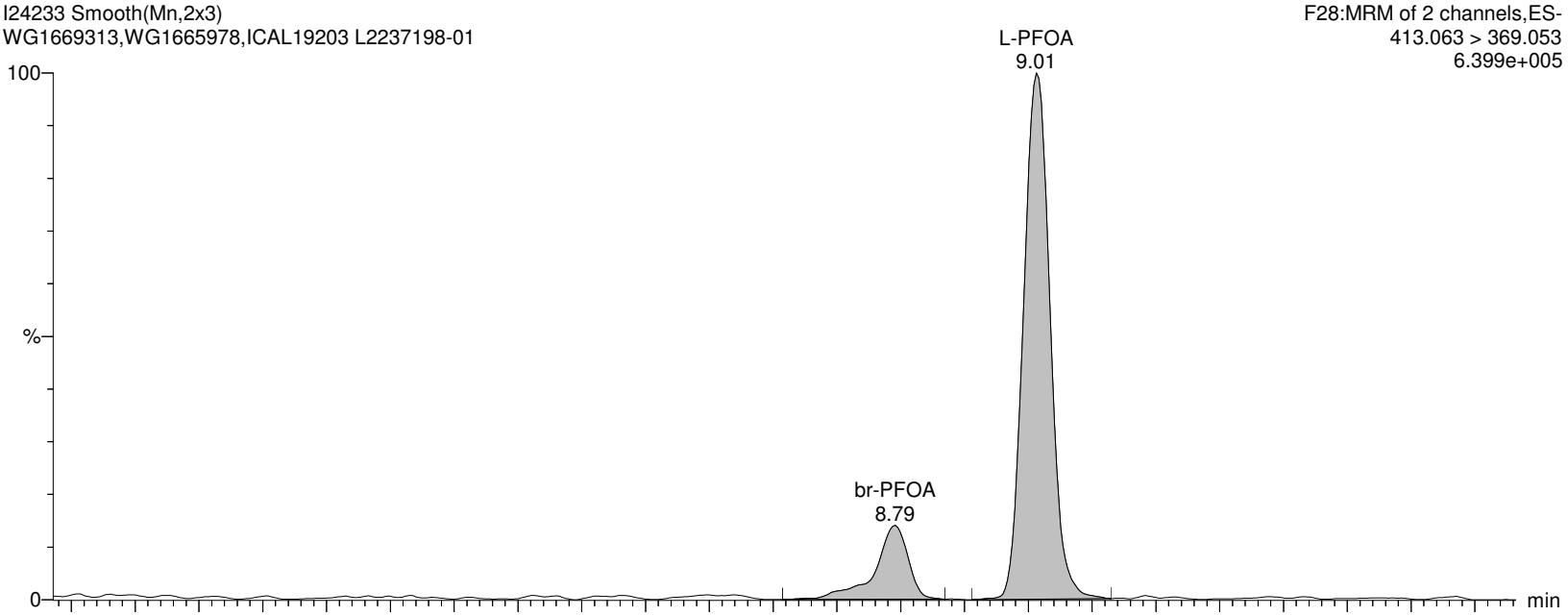


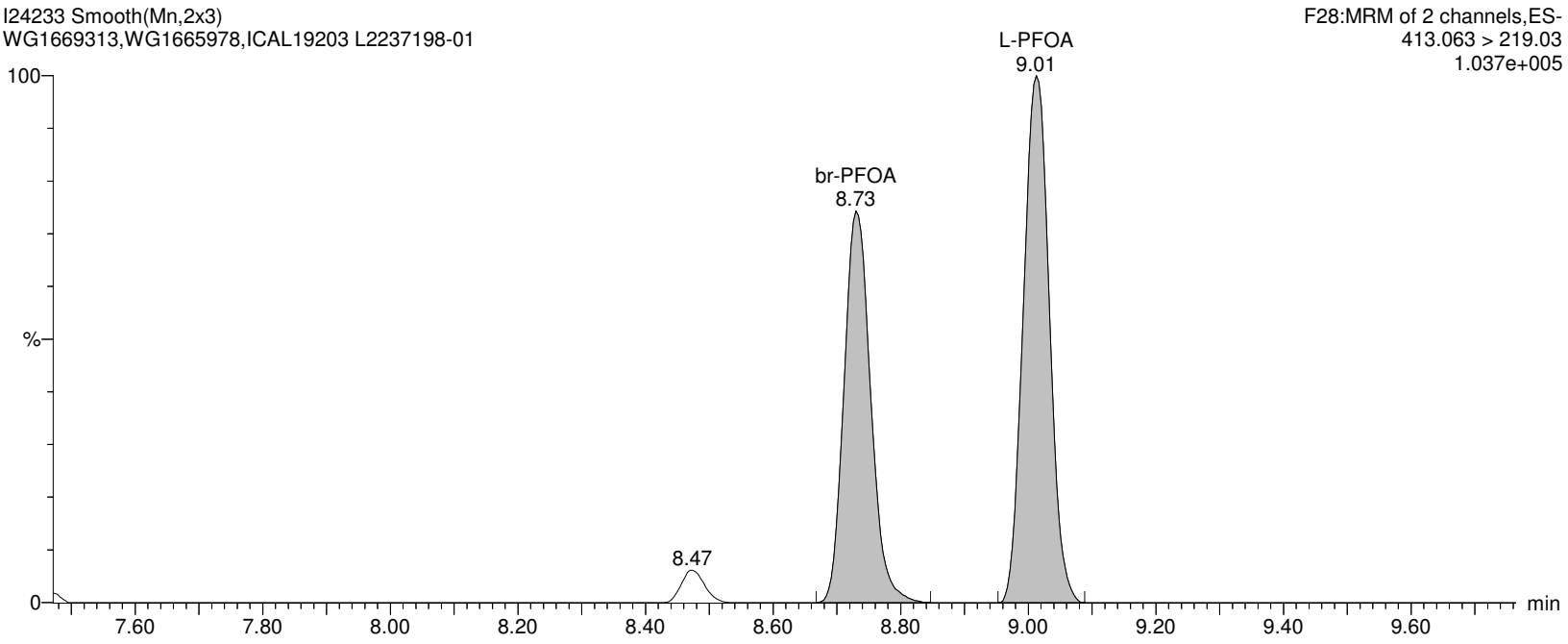
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:25 Eastern Daylight Time

Name: I24233
ID: L2237198-01
Date: 31-Jul-2022
Time: 00:34:44
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFOA



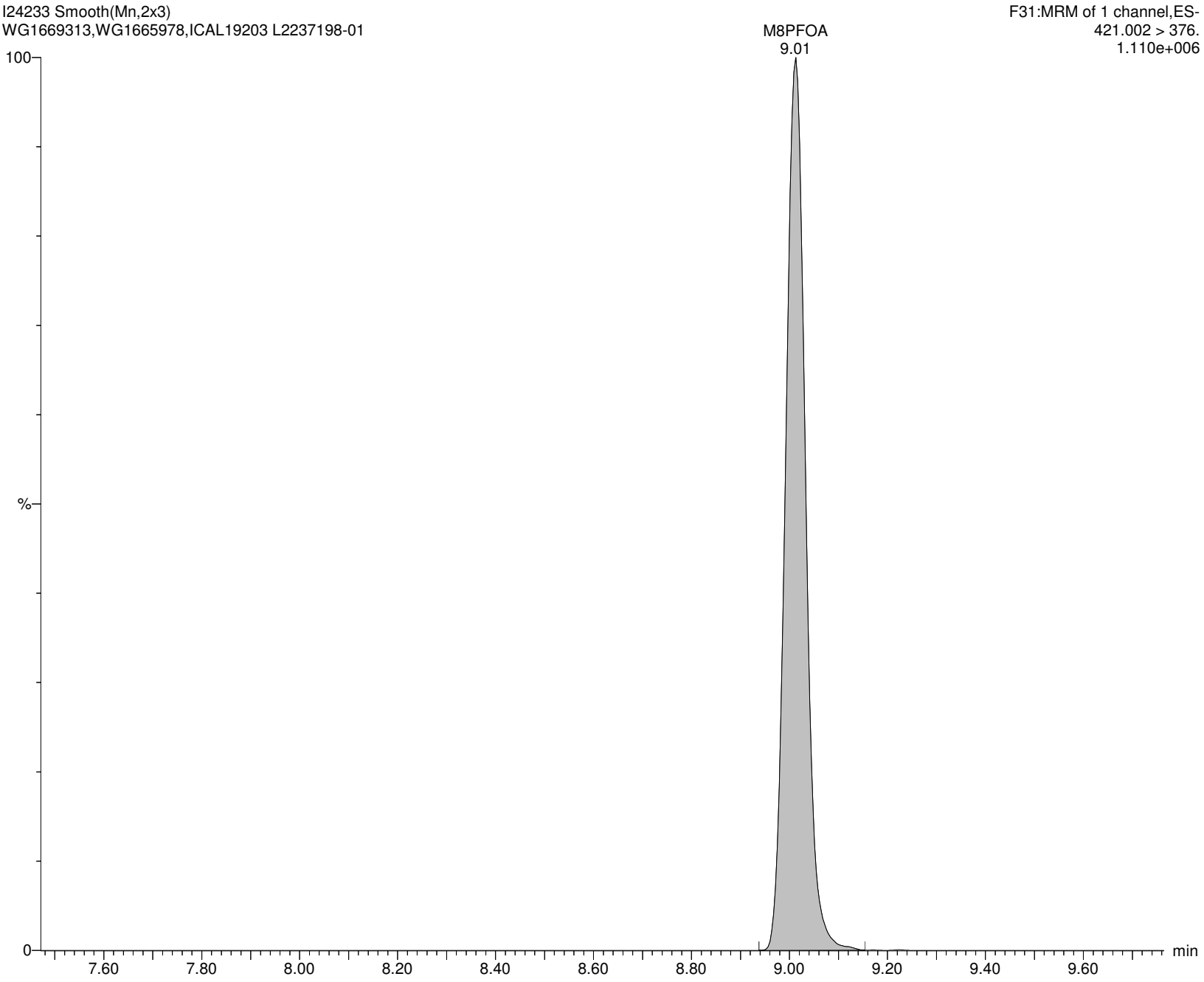


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:25 Eastern Daylight Time

Name: I24233
ID: L2237198-01
Date: 31-Jul-2022
Time: 00:34:44
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M8PFOA

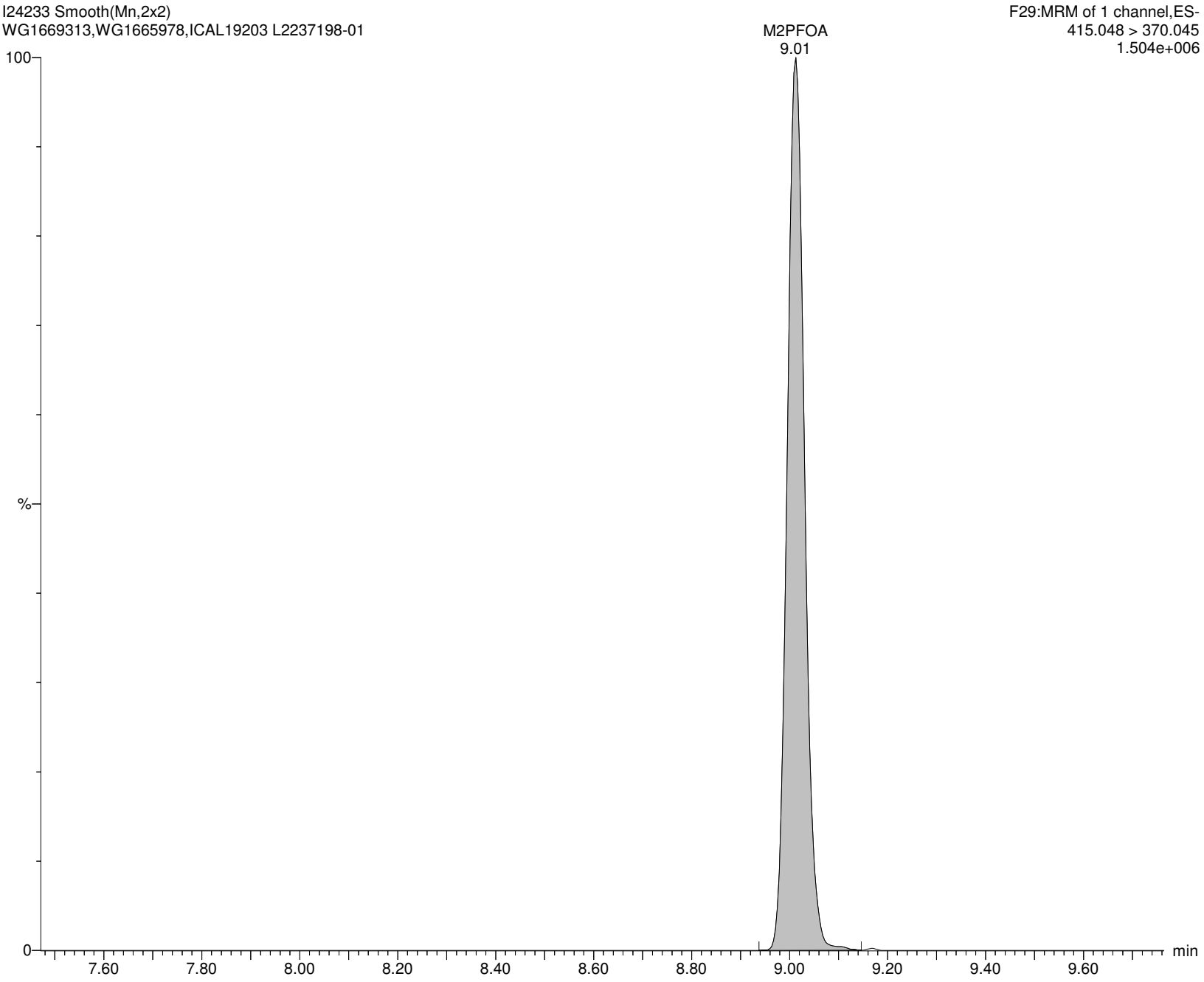


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:25 Eastern Daylight Time

Name: I24233
ID: L2237198-01
Date: 31-Jul-2022
Time: 00:34:44
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2PFOA

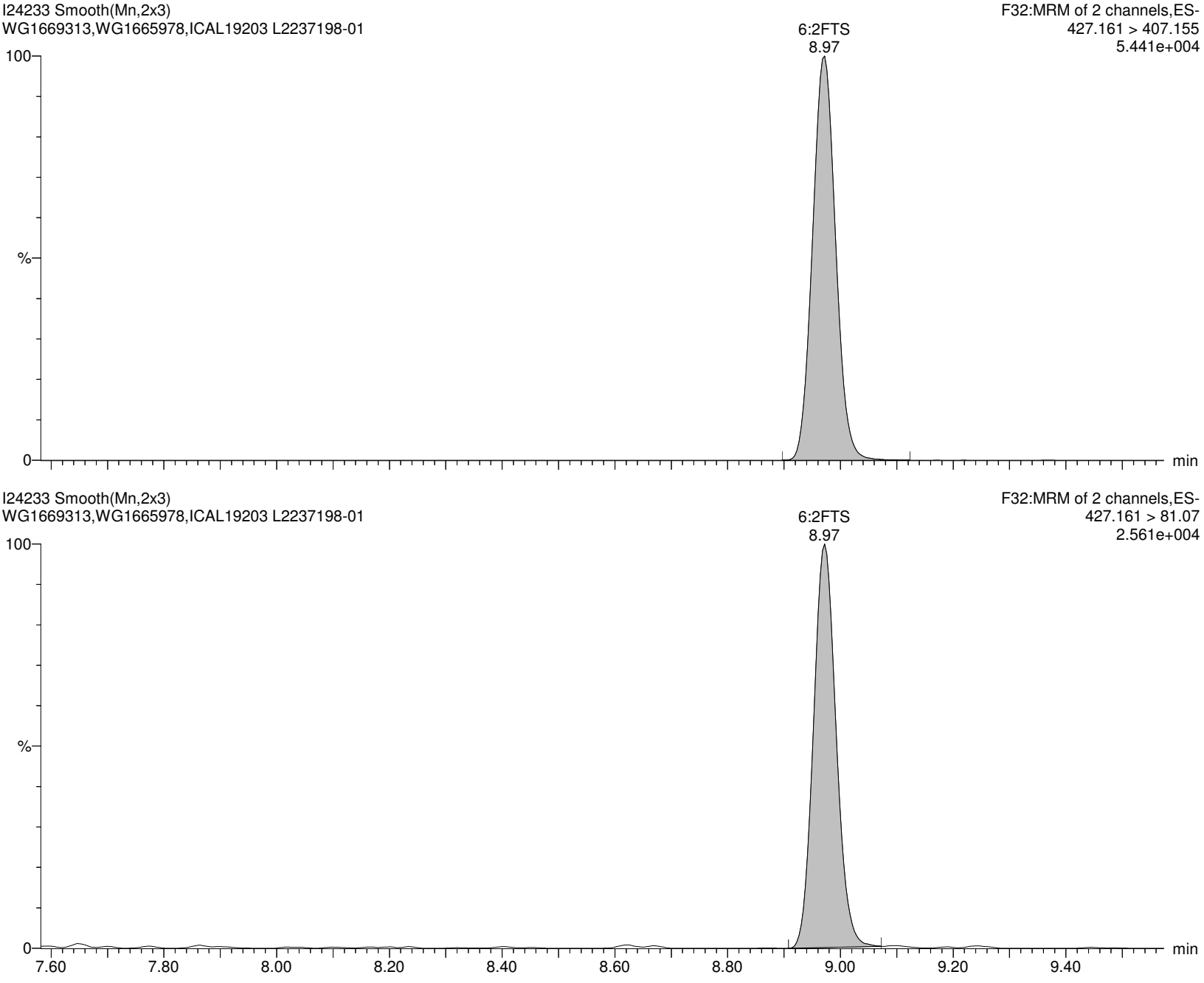


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:25 Eastern Daylight Time

Name: I24233
ID: L2237198-01
Date: 31-Jul-2022
Time: 00:34:44
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

6:2FTS

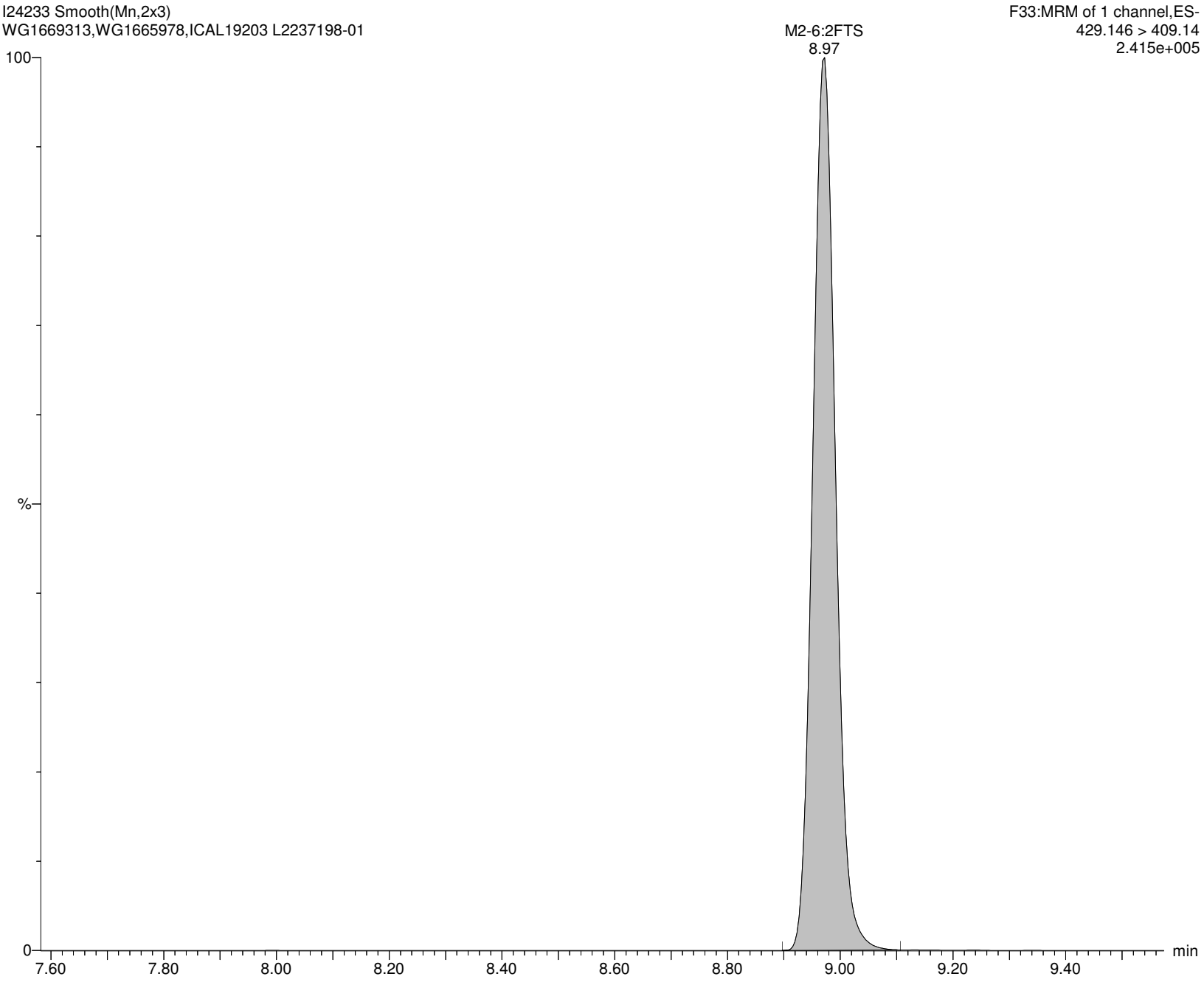


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:25 Eastern Daylight Time

Name: I24233
ID: L2237198-01
Date: 31-Jul-2022
Time: 00:34:44
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2-6:2FTS

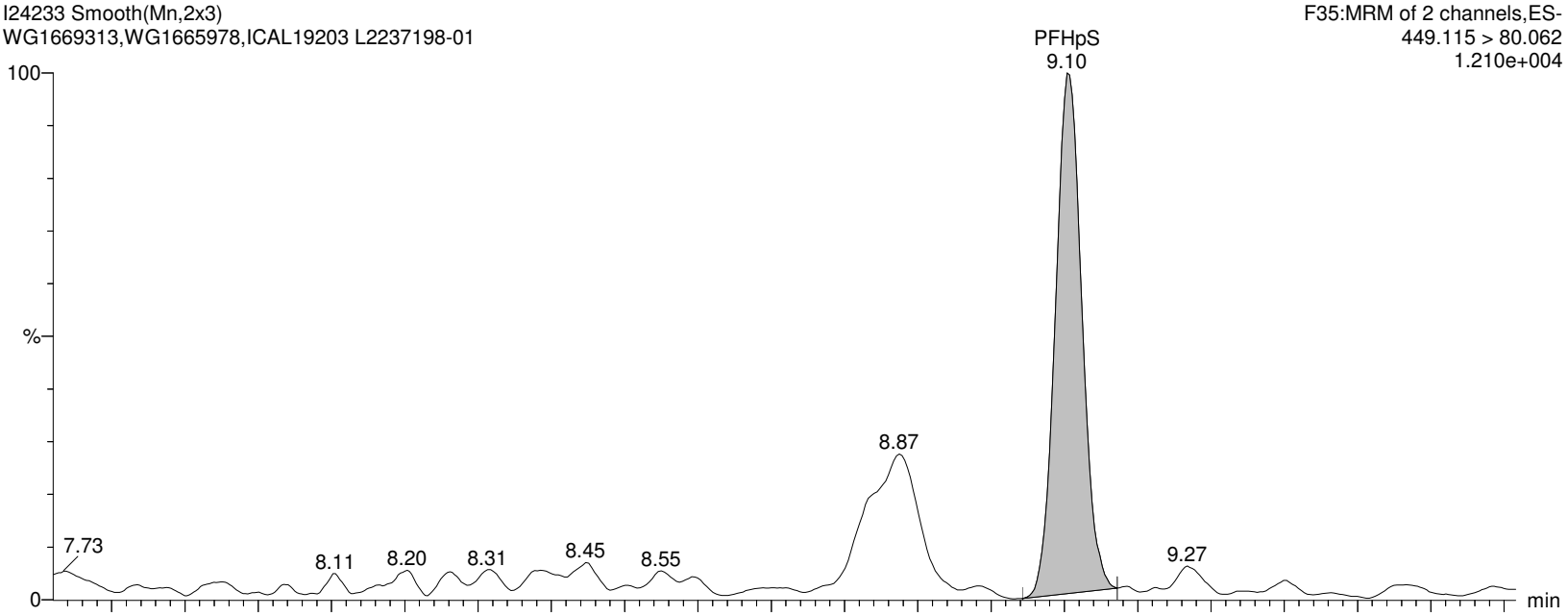


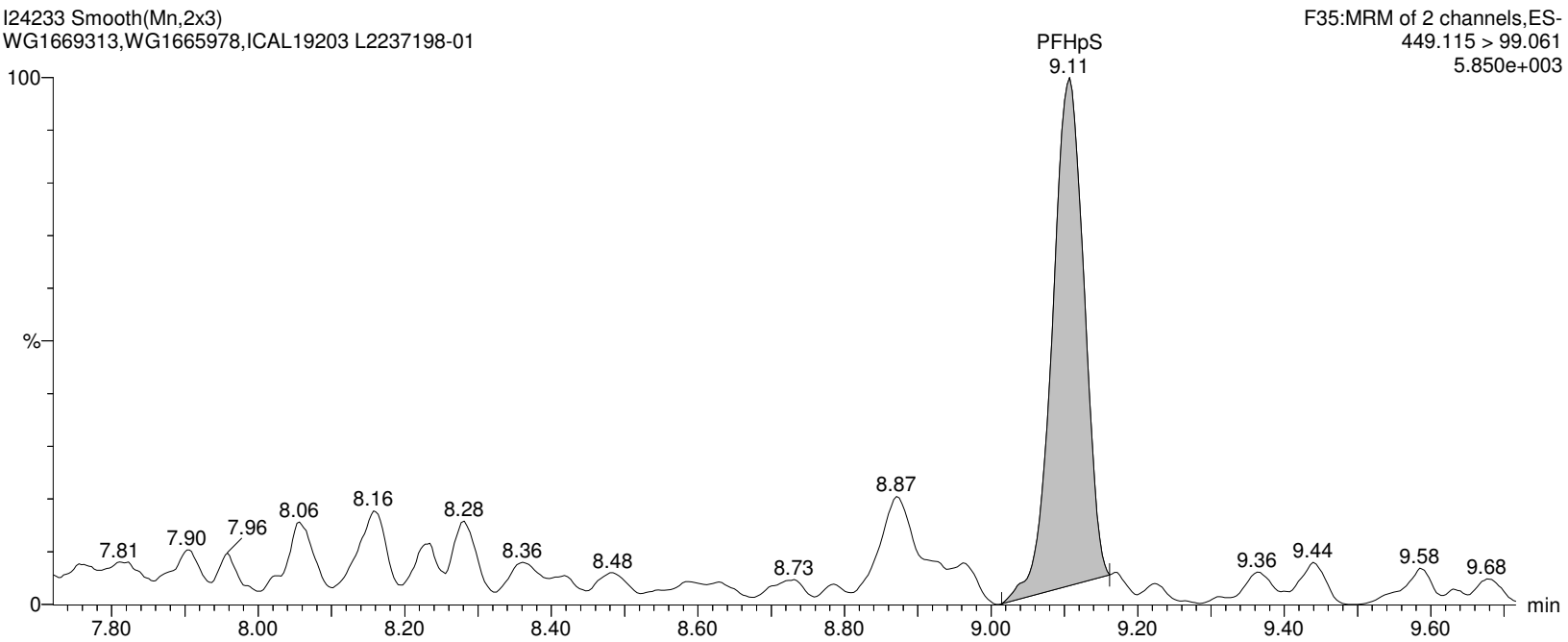
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:25 Eastern Daylight Time

Name: I24233
ID: L2237198-01
Date: 31-Jul-2022
Time: 00:34:44
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFHpS



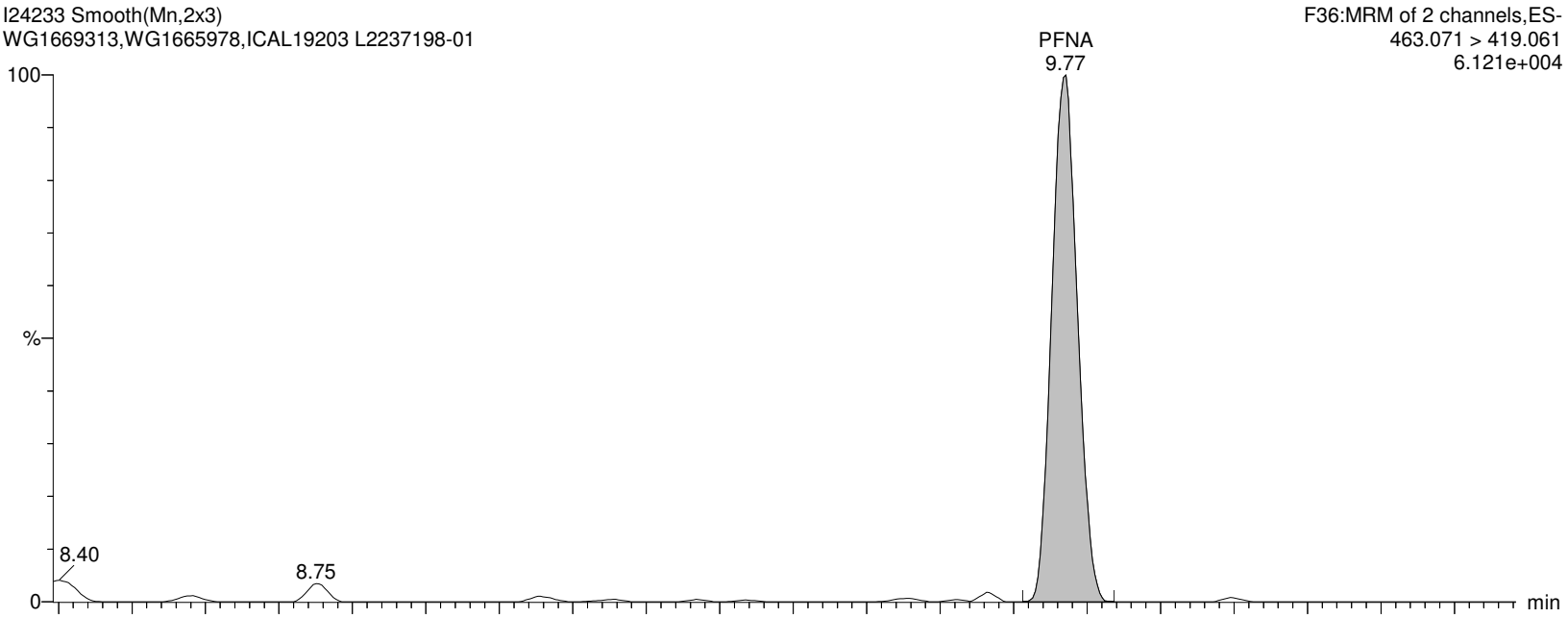


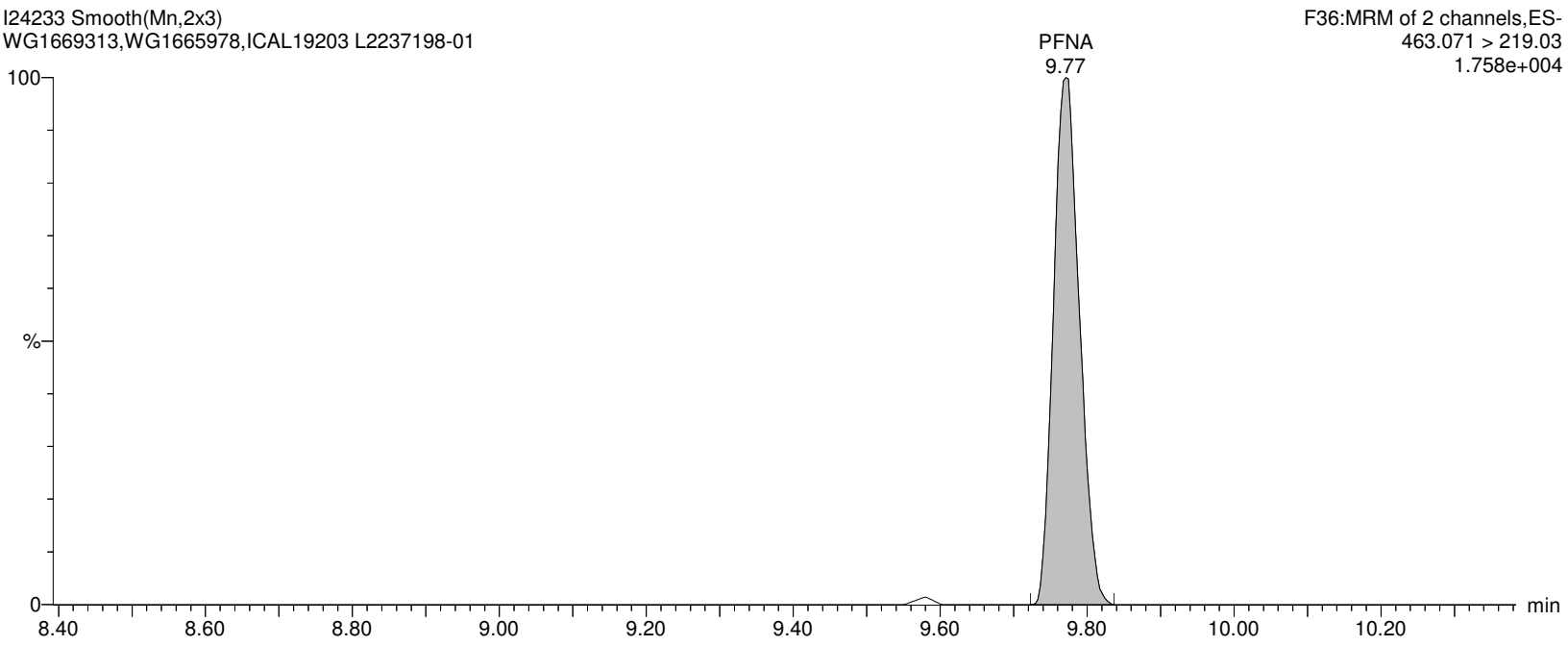
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:25 Eastern Daylight Time

Name: I24233
ID: L2237198-01
Date: 31-Jul-2022
Time: 00:34:44
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFNA



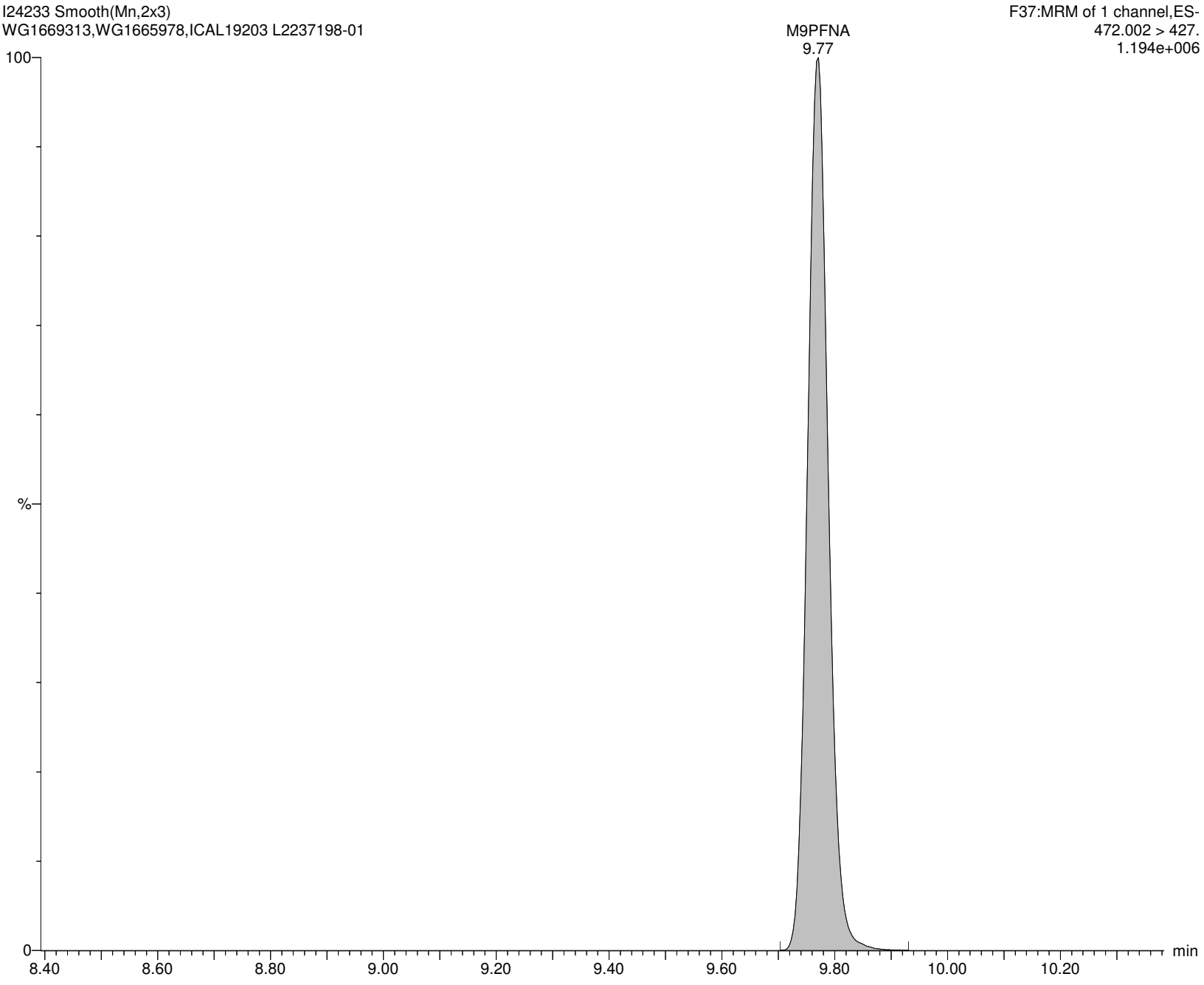


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:25 Eastern Daylight Time

Name: I24233
ID: L2237198-01
Date: 31-Jul-2022
Time: 00:34:44
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M9PFNA

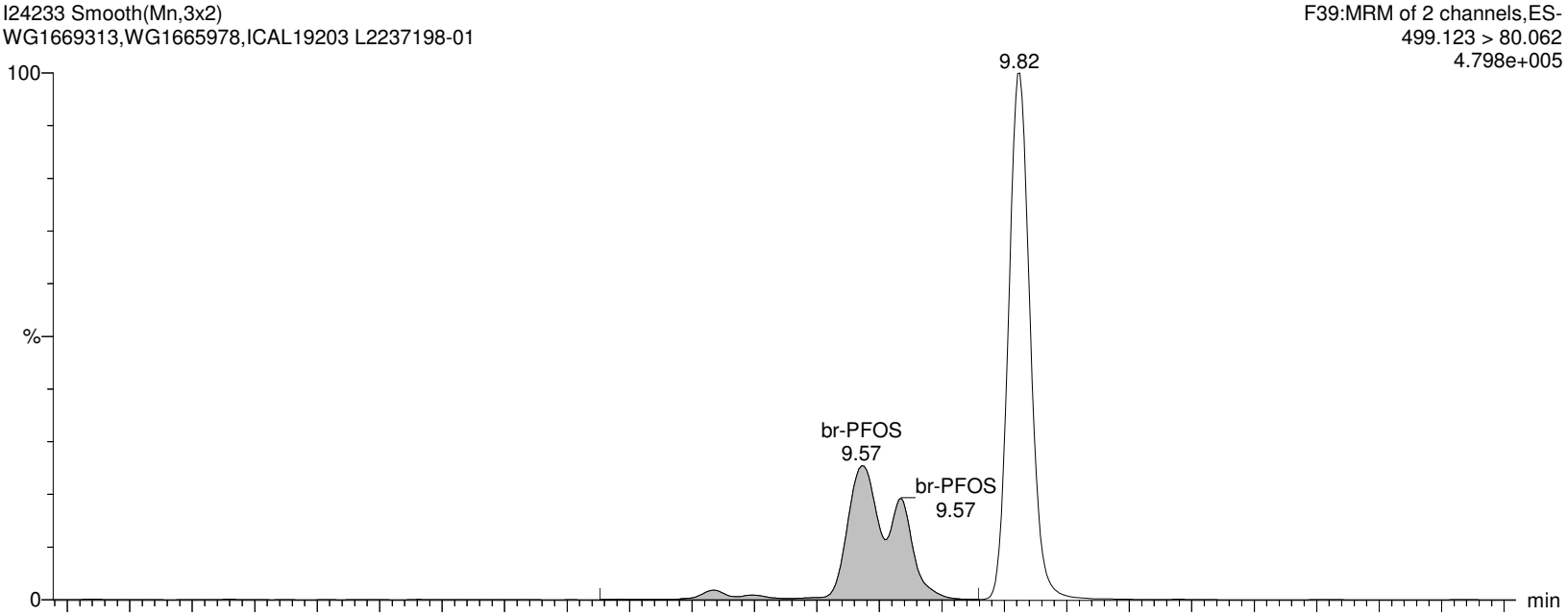


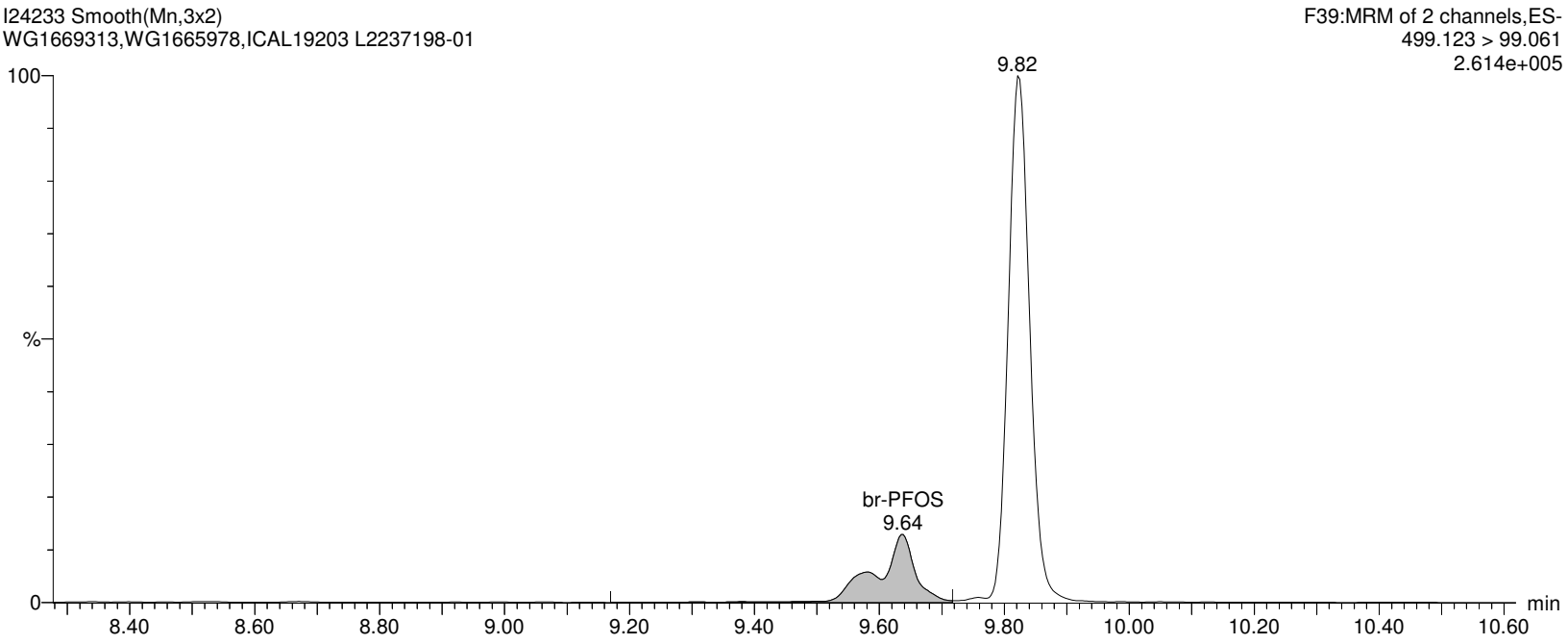
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:25 Eastern Daylight Time

Name: I24233
ID: L2237198-01
Date: 31-Jul-2022
Time: 00:34:44
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

br-PFOS



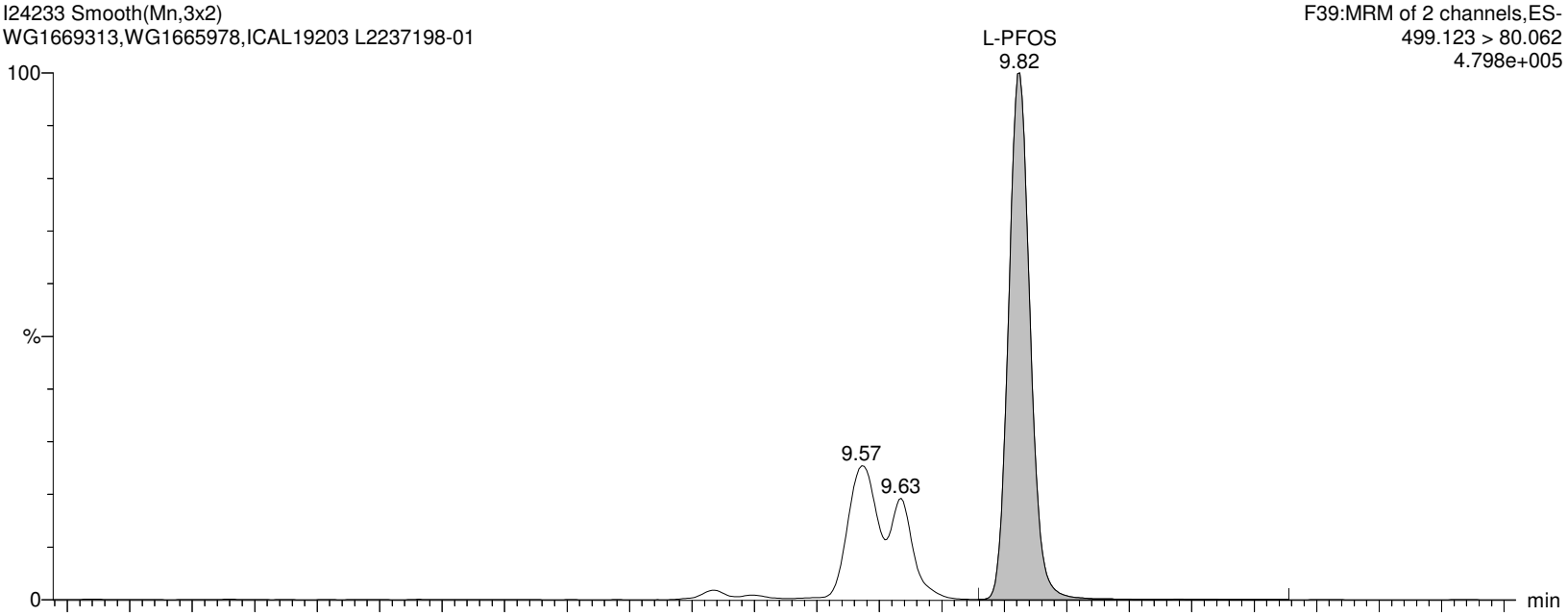


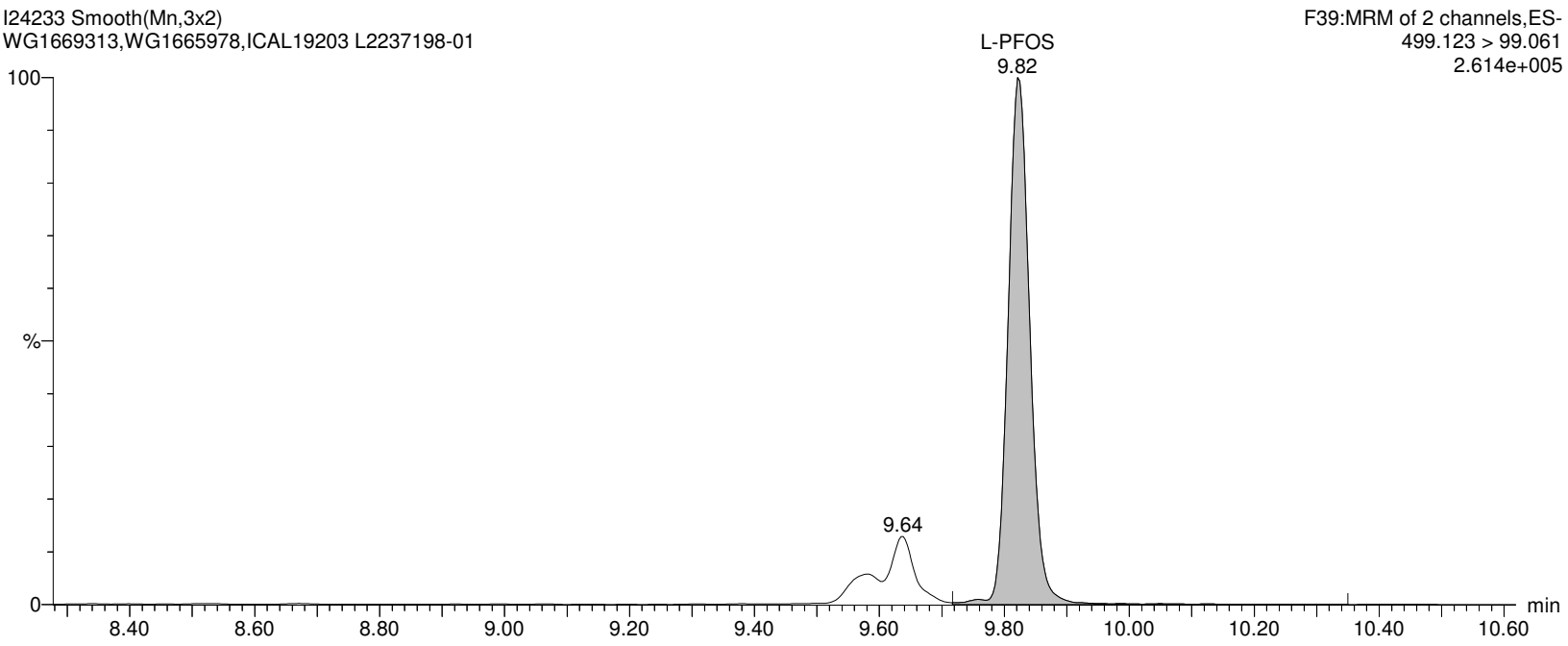
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:25 Eastern Daylight Time

Name: I24233
ID: L2237198-01
Date: 31-Jul-2022
Time: 00:34:44
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

L-PFOS



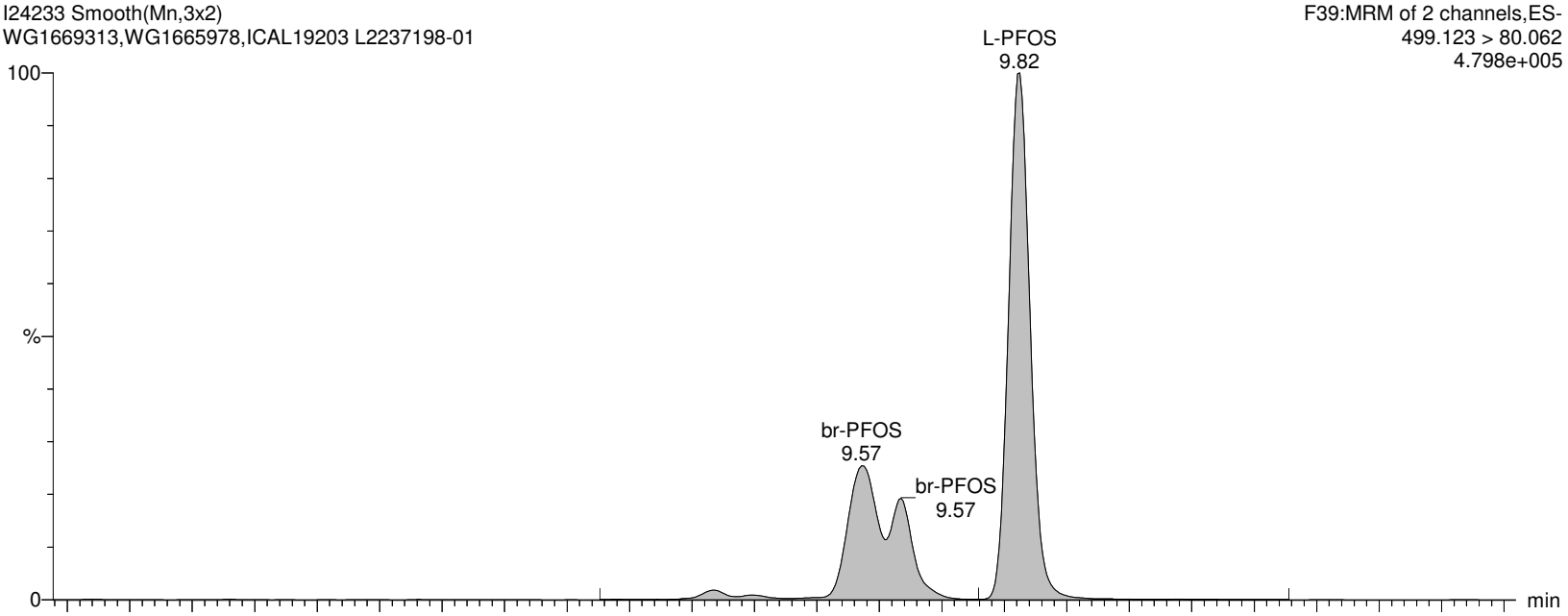


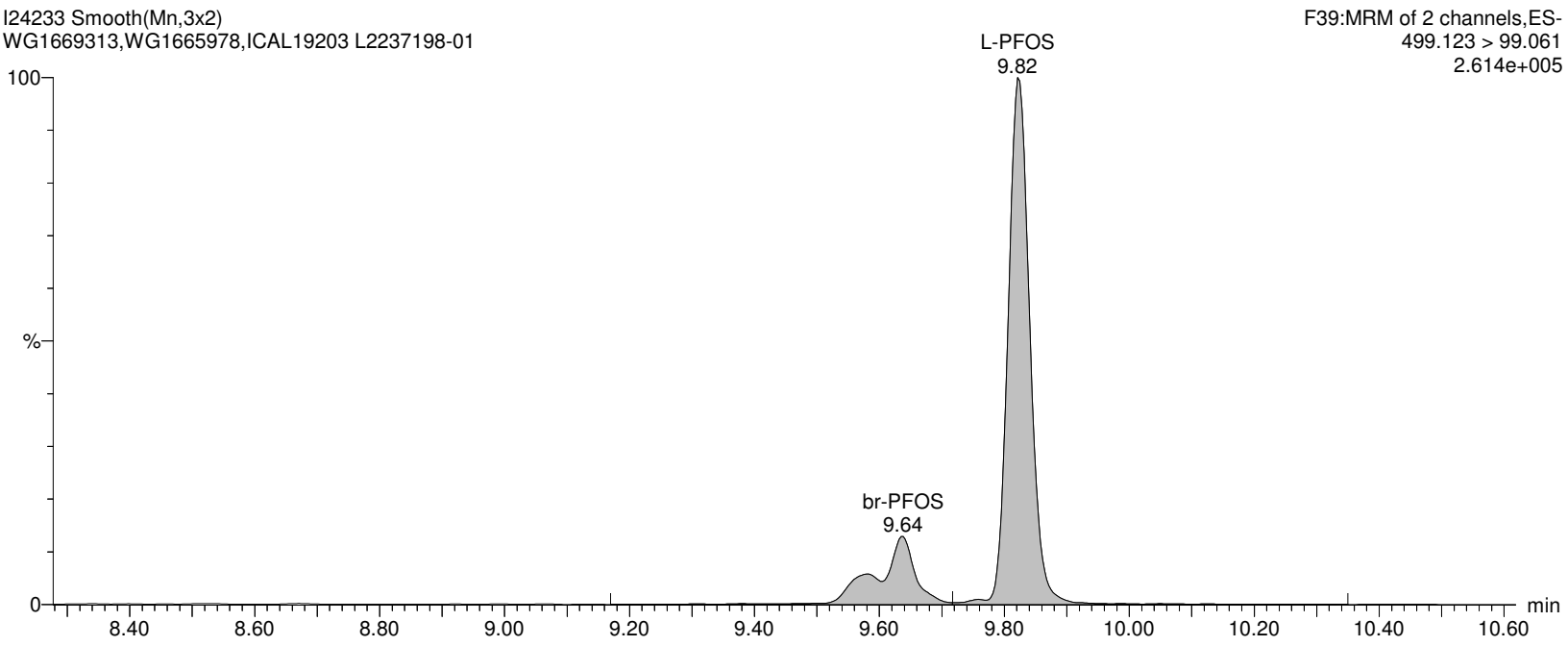
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:25 Eastern Daylight Time

Name: I24233
ID: L2237198-01
Date: 31-Jul-2022
Time: 00:34:44
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFOS



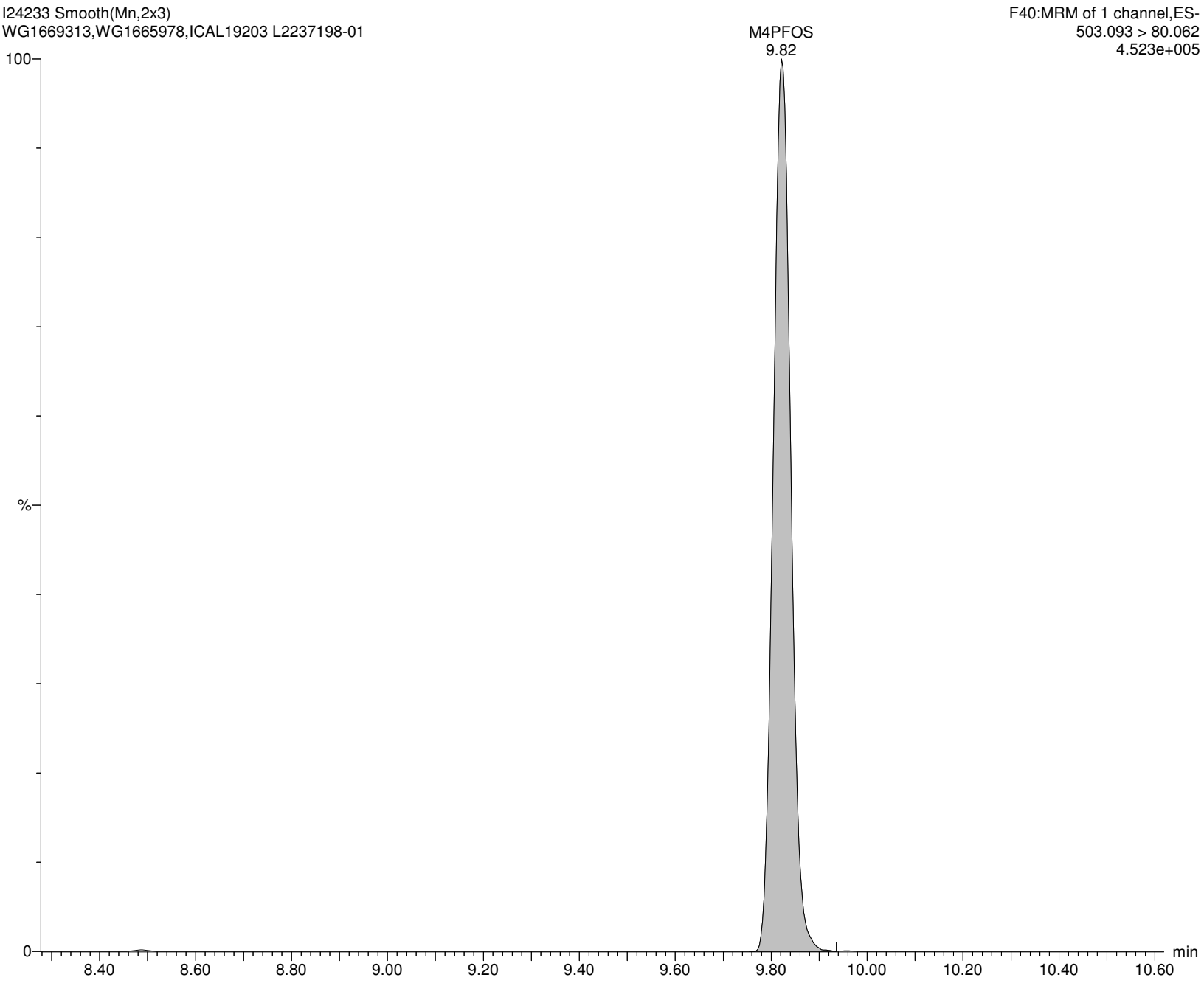


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:25 Eastern Daylight Time

Name: I24233
ID: L2237198-01
Date: 31-Jul-2022
Time: 00:34:44
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M4PFOS

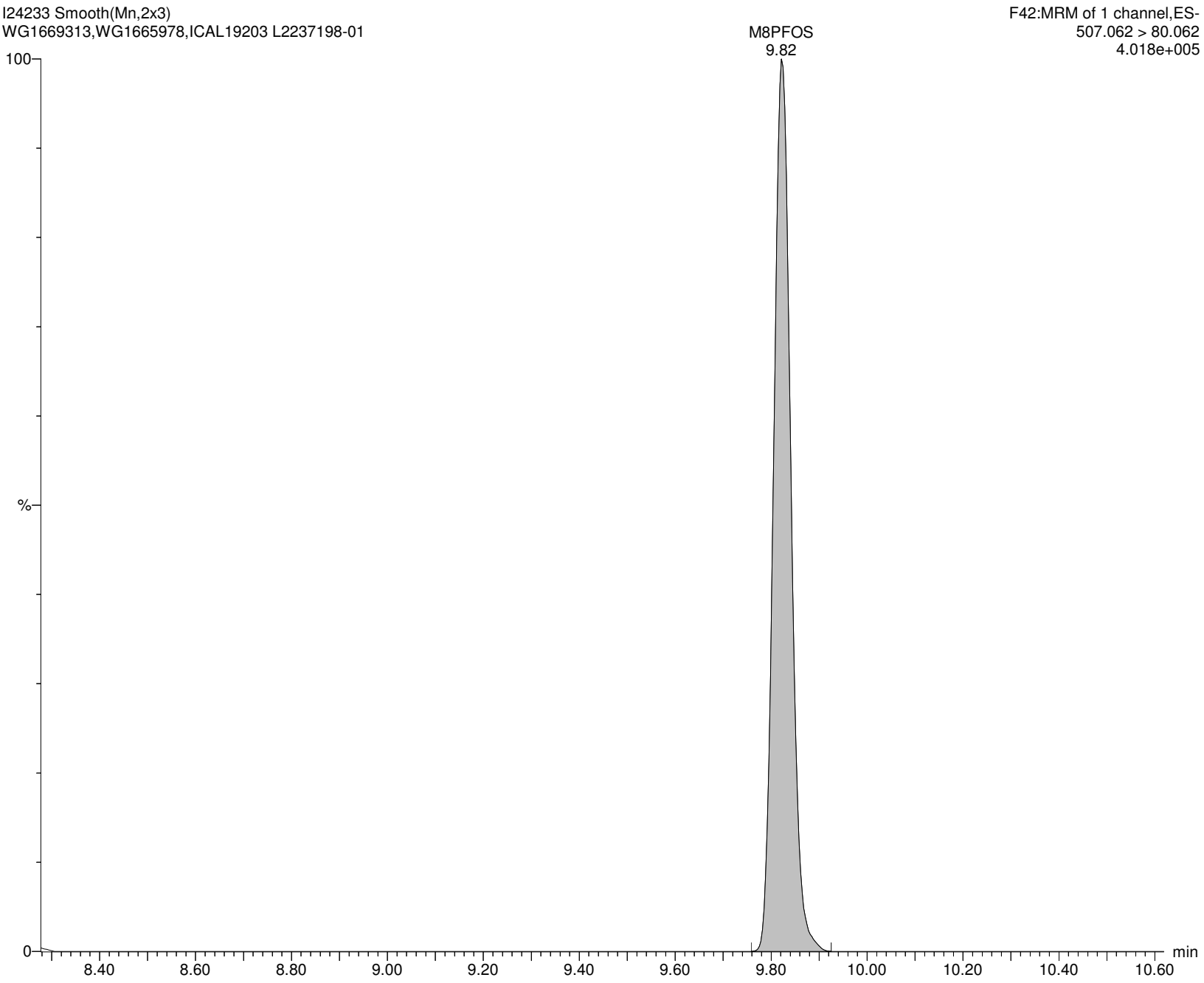


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:25 Eastern Daylight Time

Name: I24233
ID: L2237198-01
Date: 31-Jul-2022
Time: 00:34:44
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M8PFOS

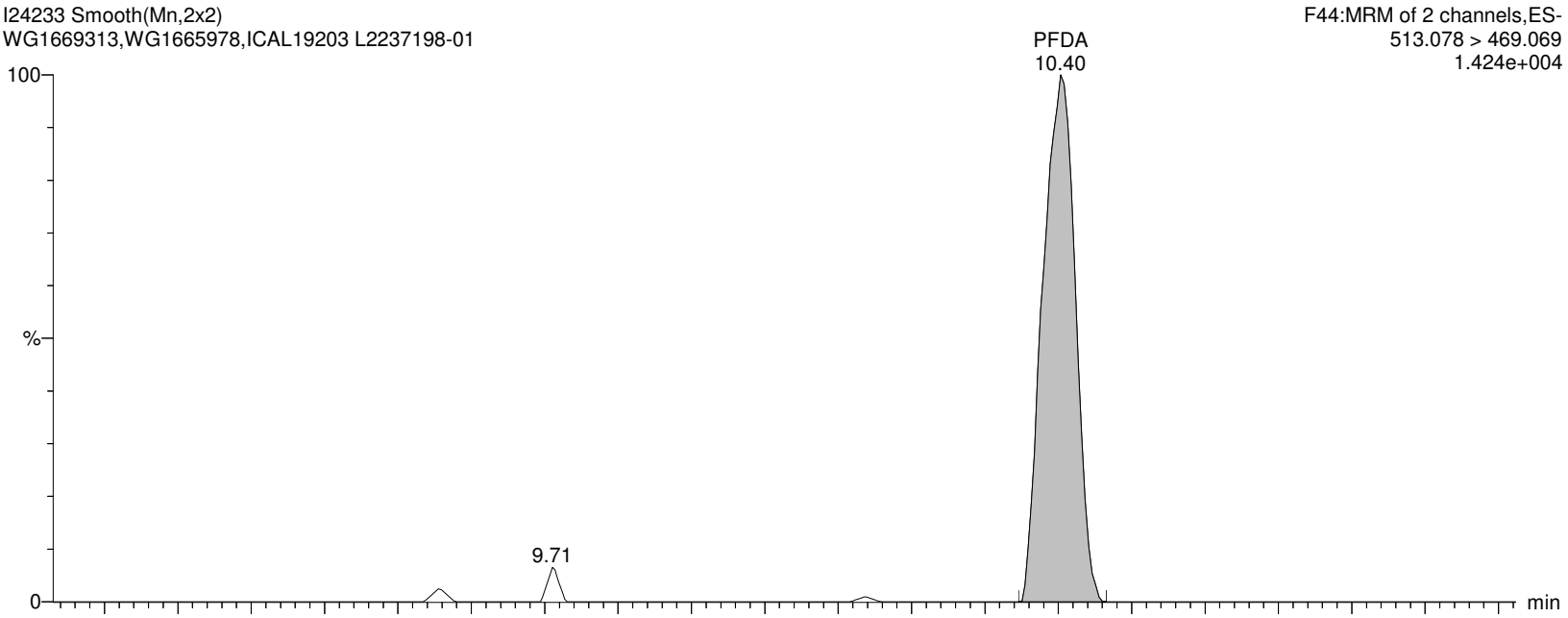


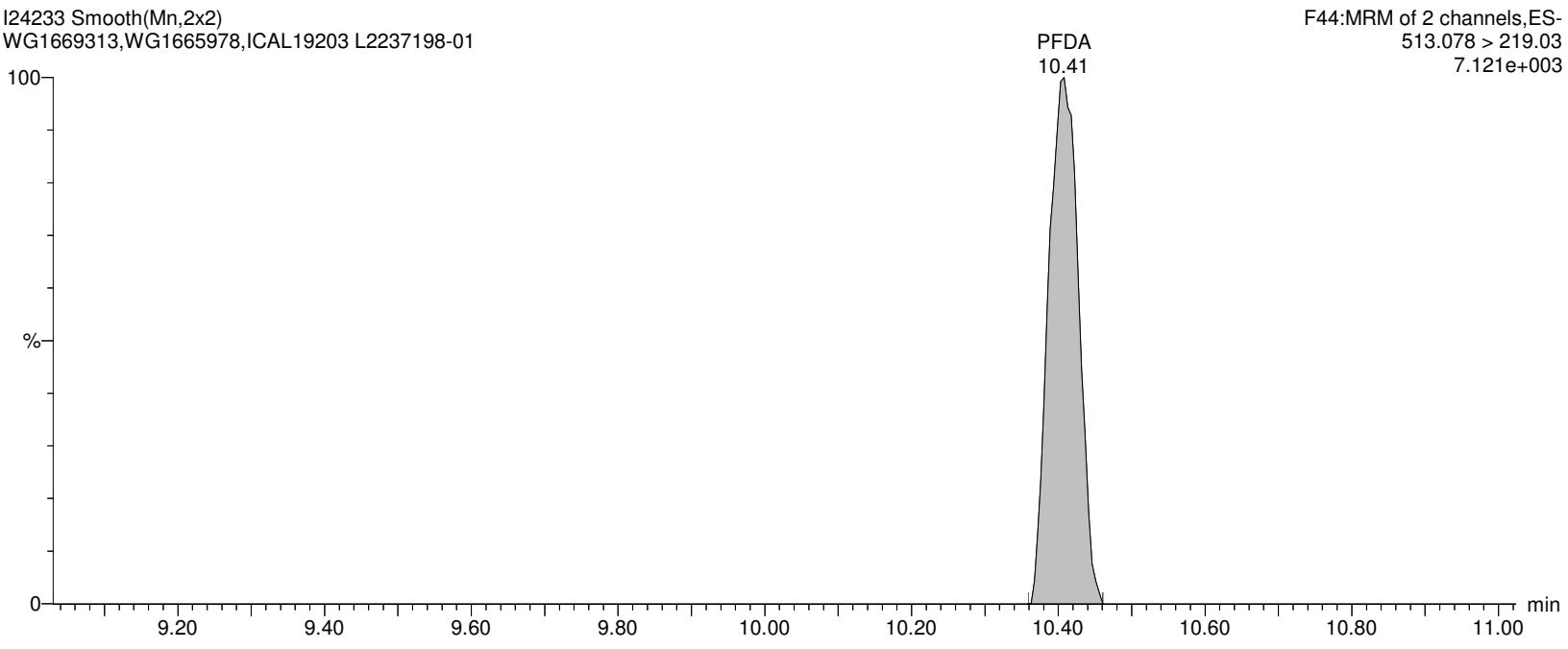
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:25 Eastern Daylight Time

Name: I24233
ID: L2237198-01
Date: 31-Jul-2022
Time: 00:34:44
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFDA



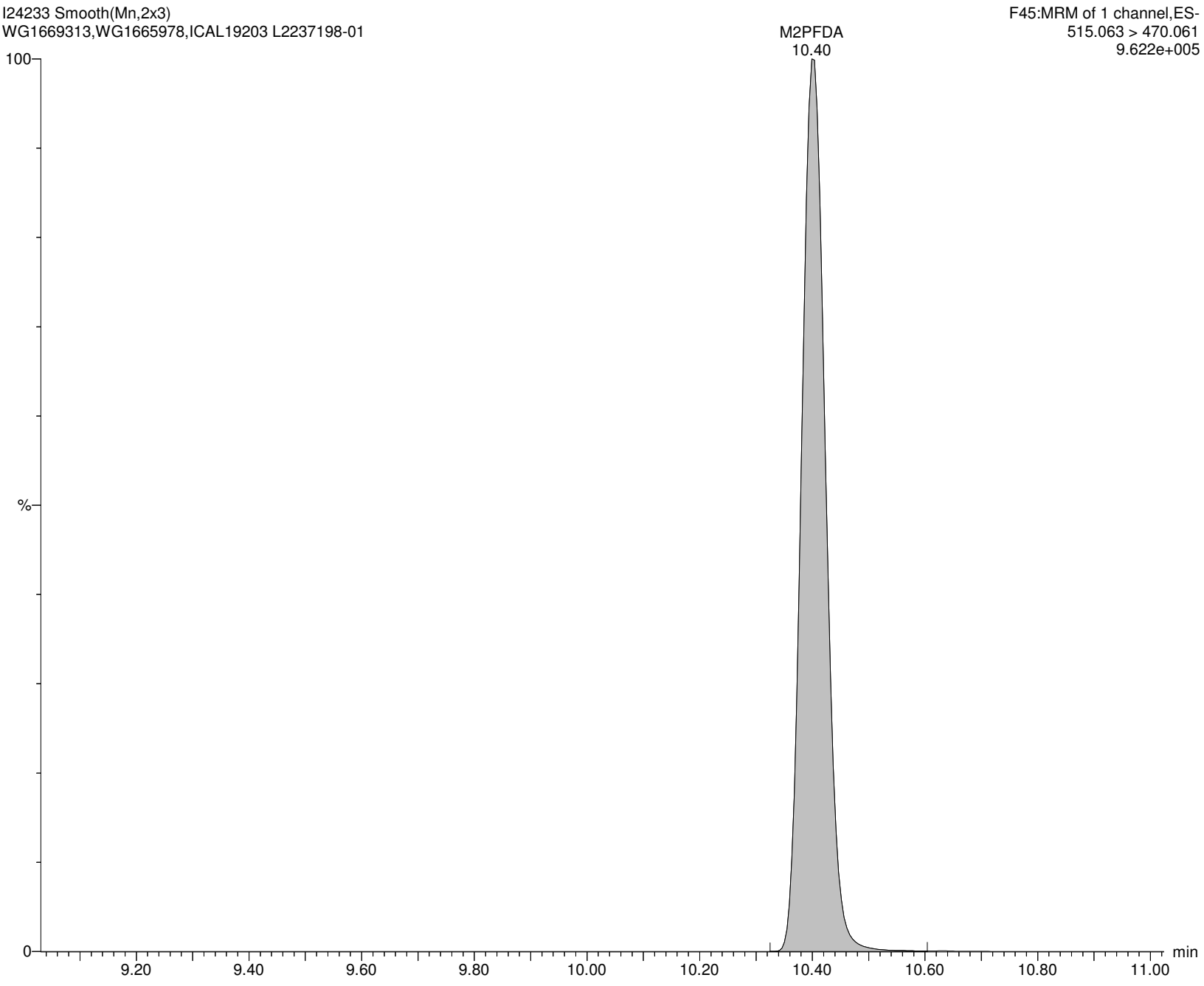


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:25 Eastern Daylight Time

Name: I24233
ID: L2237198-01
Date: 31-Jul-2022
Time: 00:34:44
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2PFDA

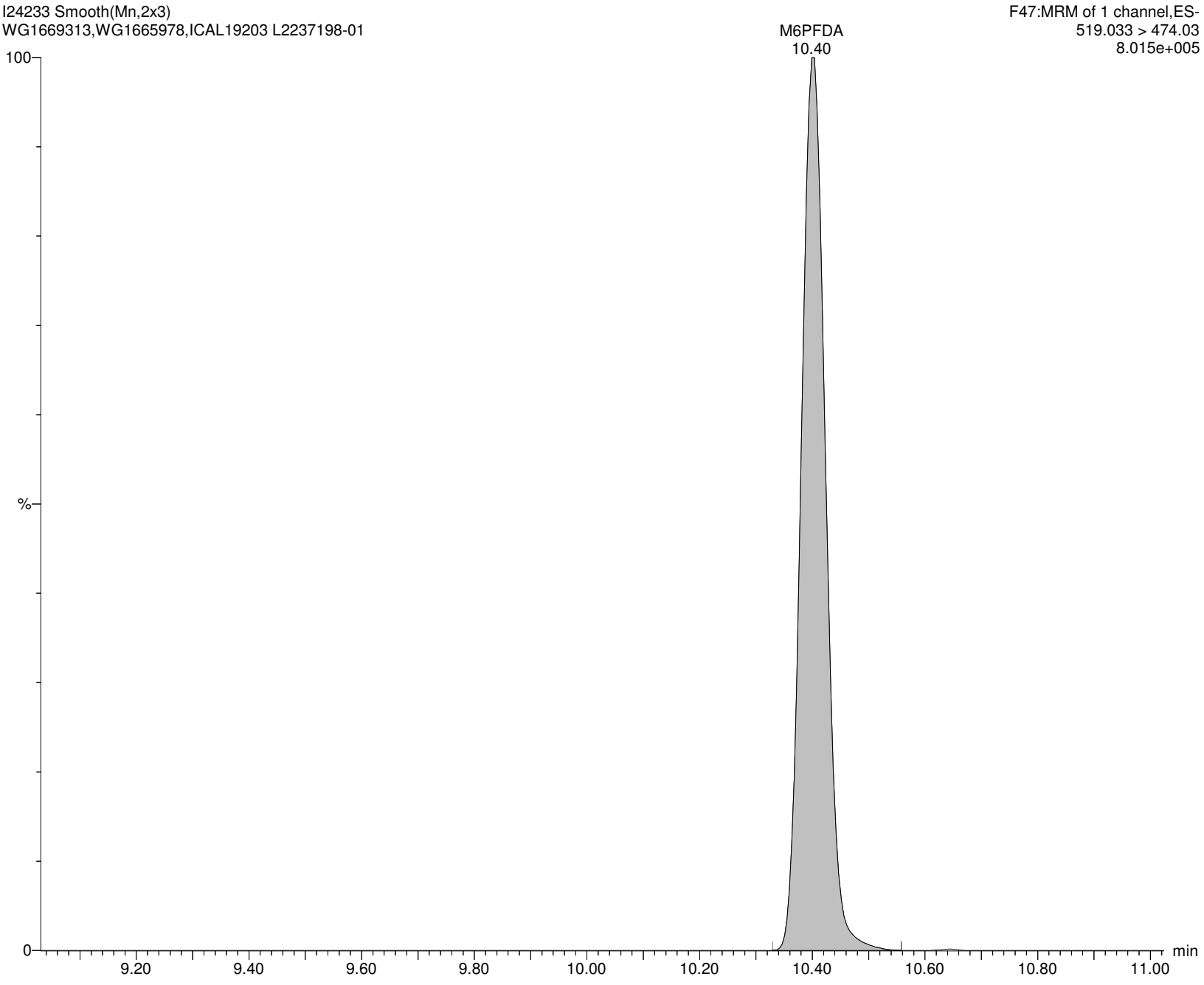


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:25 Eastern Daylight Time

Name: I24233
ID: L2237198-01
Date: 31-Jul-2022
Time: 00:34:44
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M6PFDA

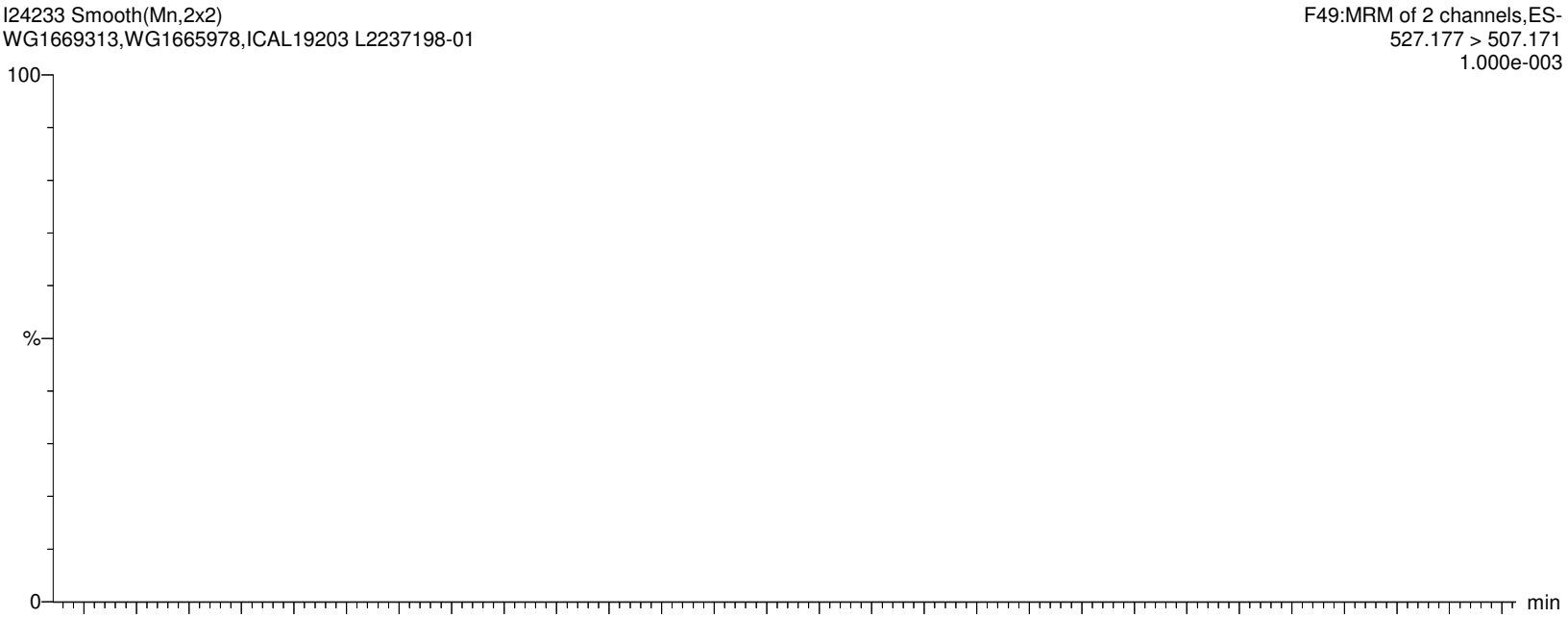


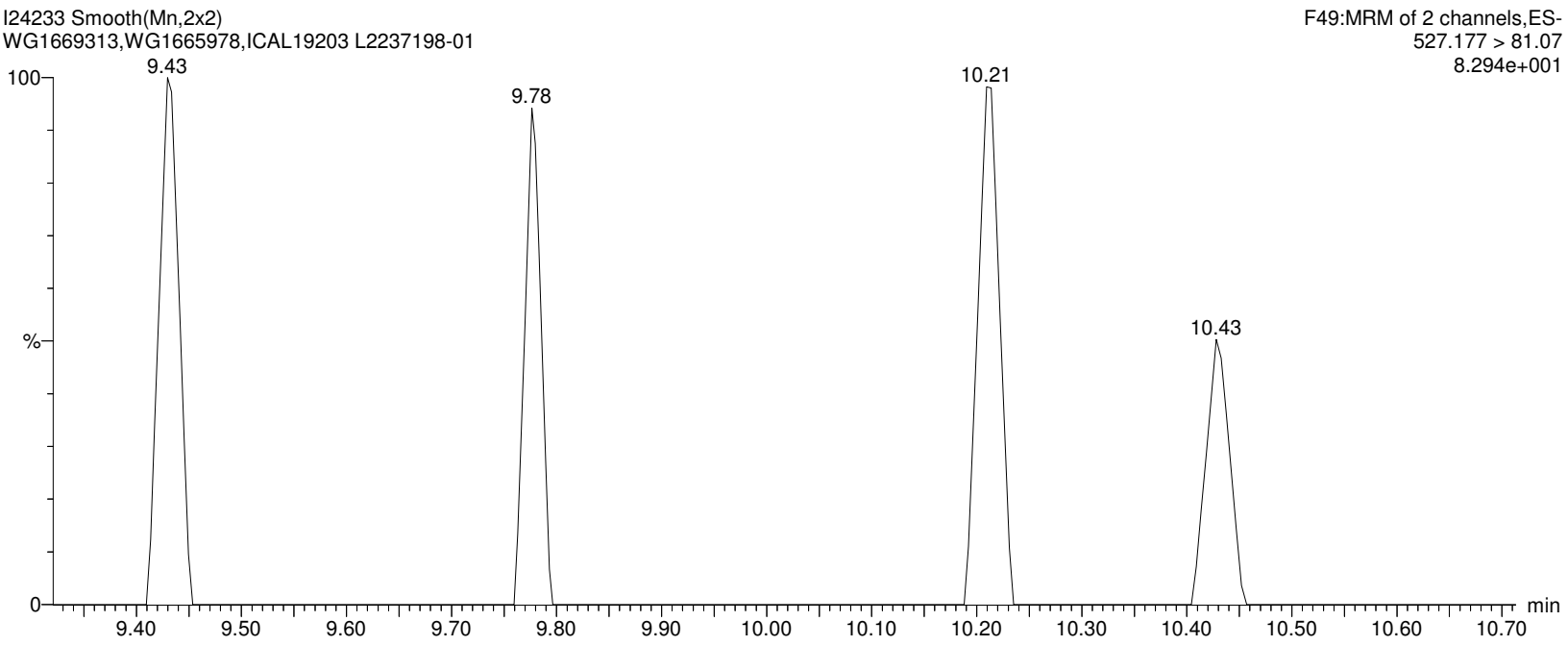
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:25 Eastern Daylight Time

Name: I24233
ID: L2237198-01
Date: 31-Jul-2022
Time: 00:34:44
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

8:2FTS



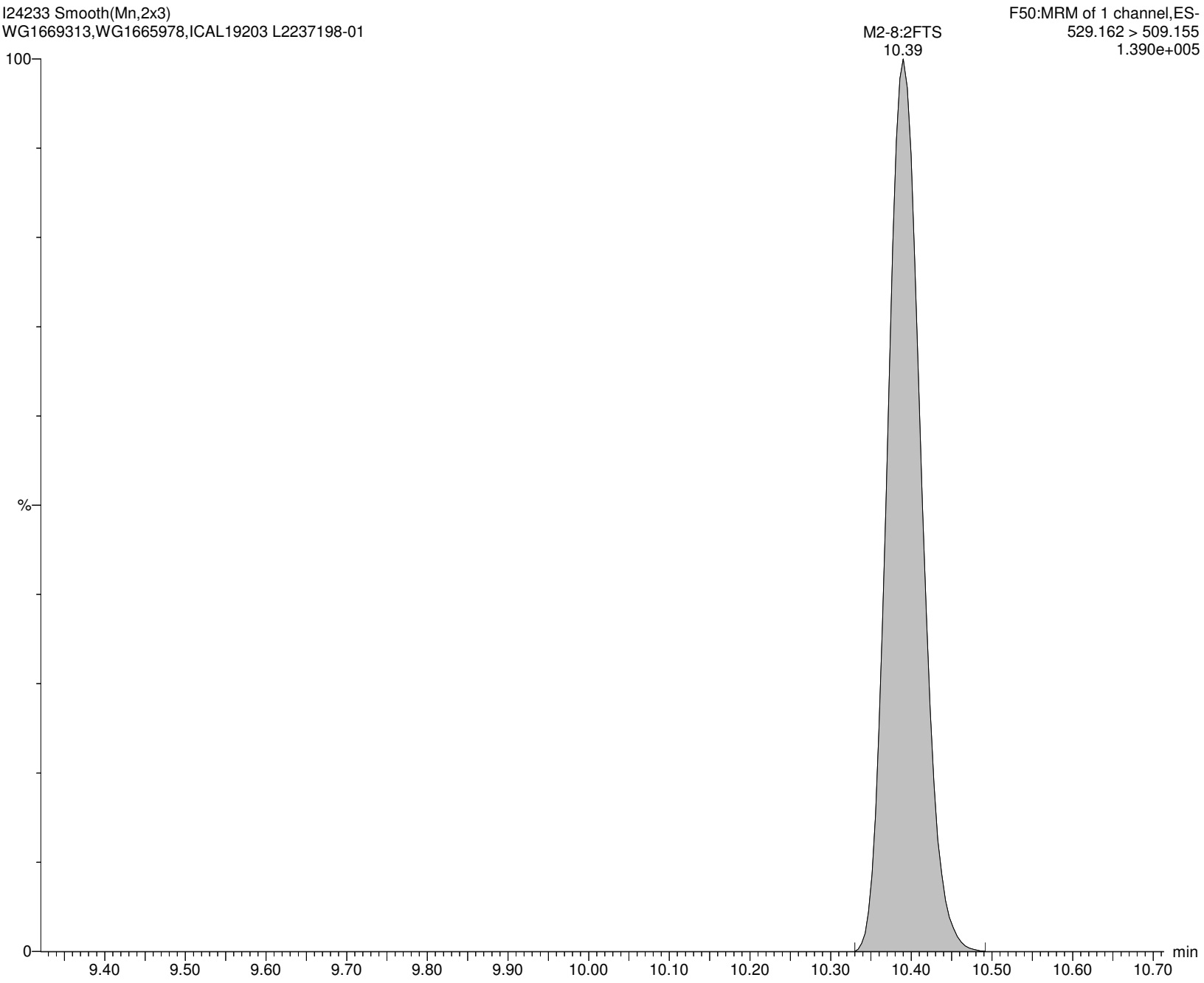


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:25 Eastern Daylight Time

Name: I24233
ID: L2237198-01
Date: 31-Jul-2022
Time: 00:34:44
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2-8:2FTS

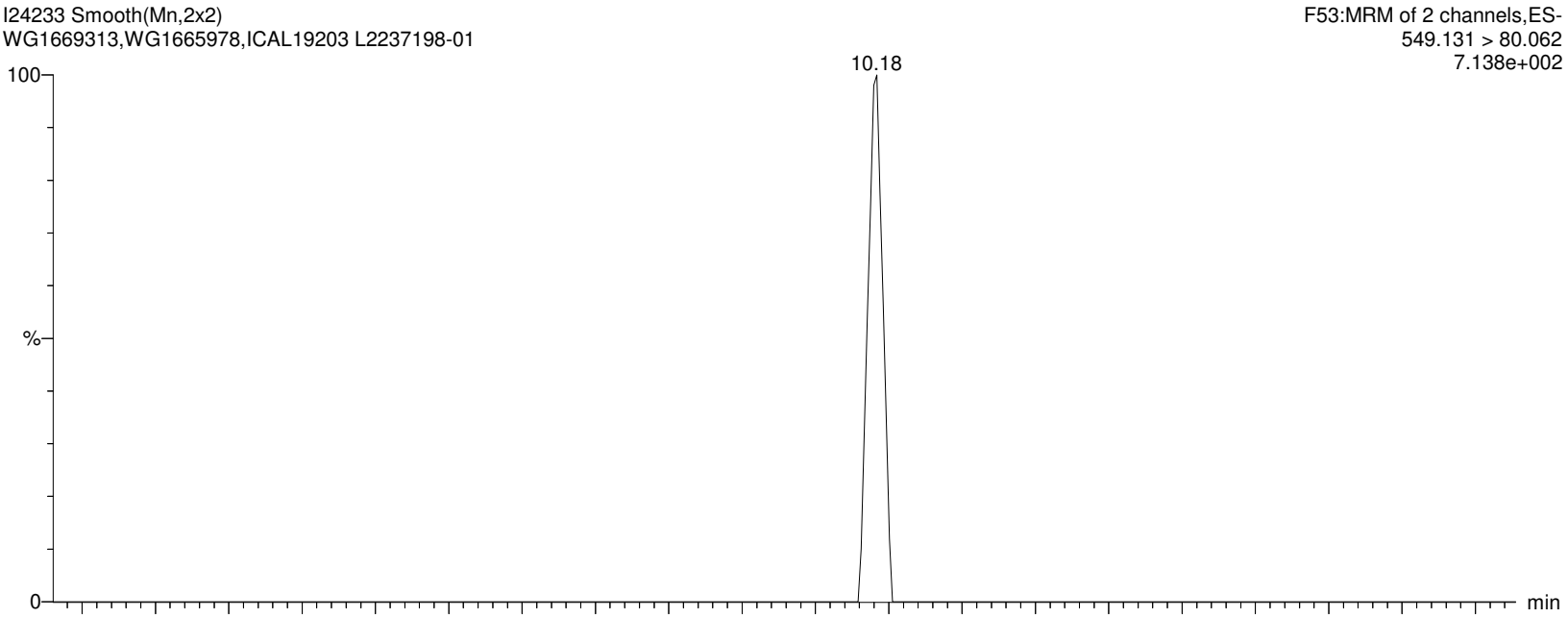


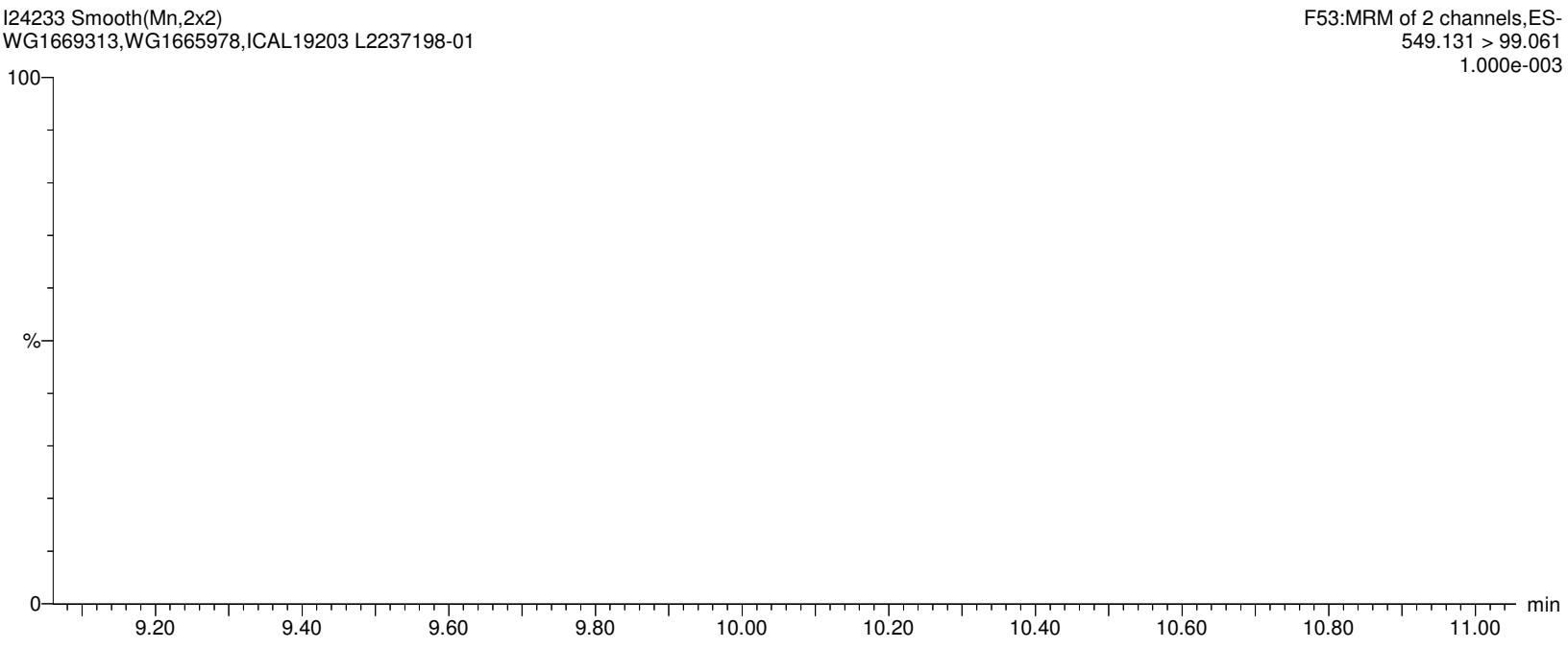
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:25 Eastern Daylight Time

Name: I24233
ID: L2237198-01
Date: 31-Jul-2022
Time: 00:34:44
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFNS



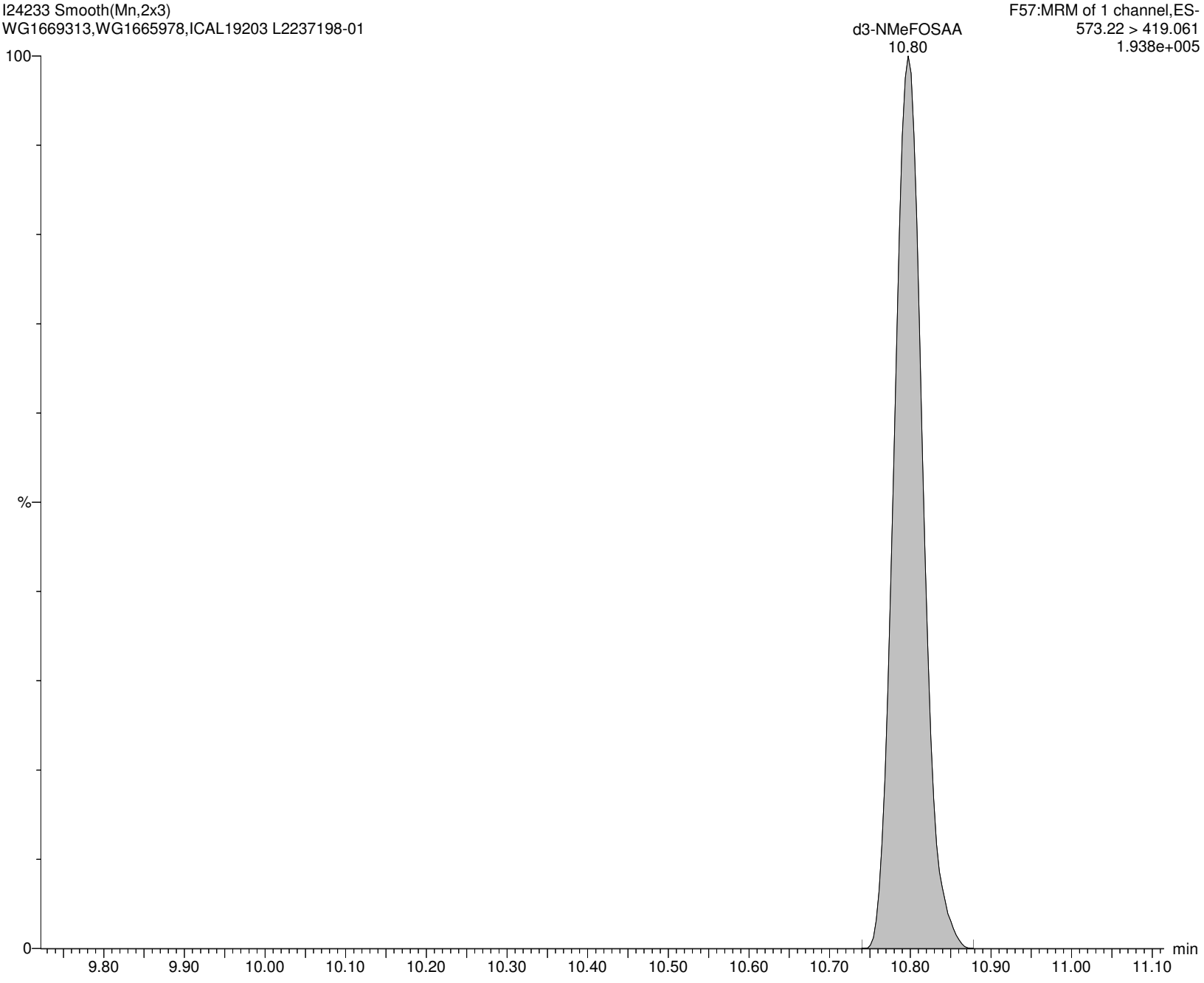


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:25 Eastern Daylight Time

Name: I24233
ID: L2237198-01
Date: 31-Jul-2022
Time: 00:34:44
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

d3-NMeFOSAA

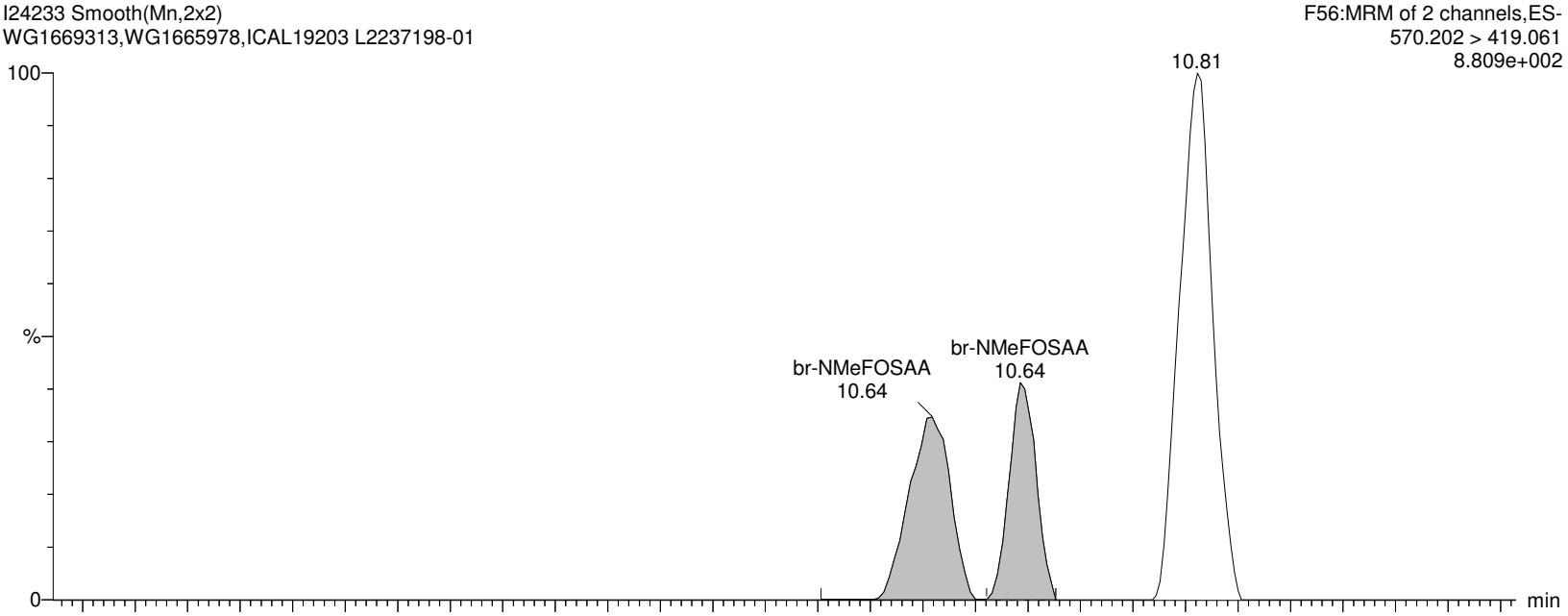


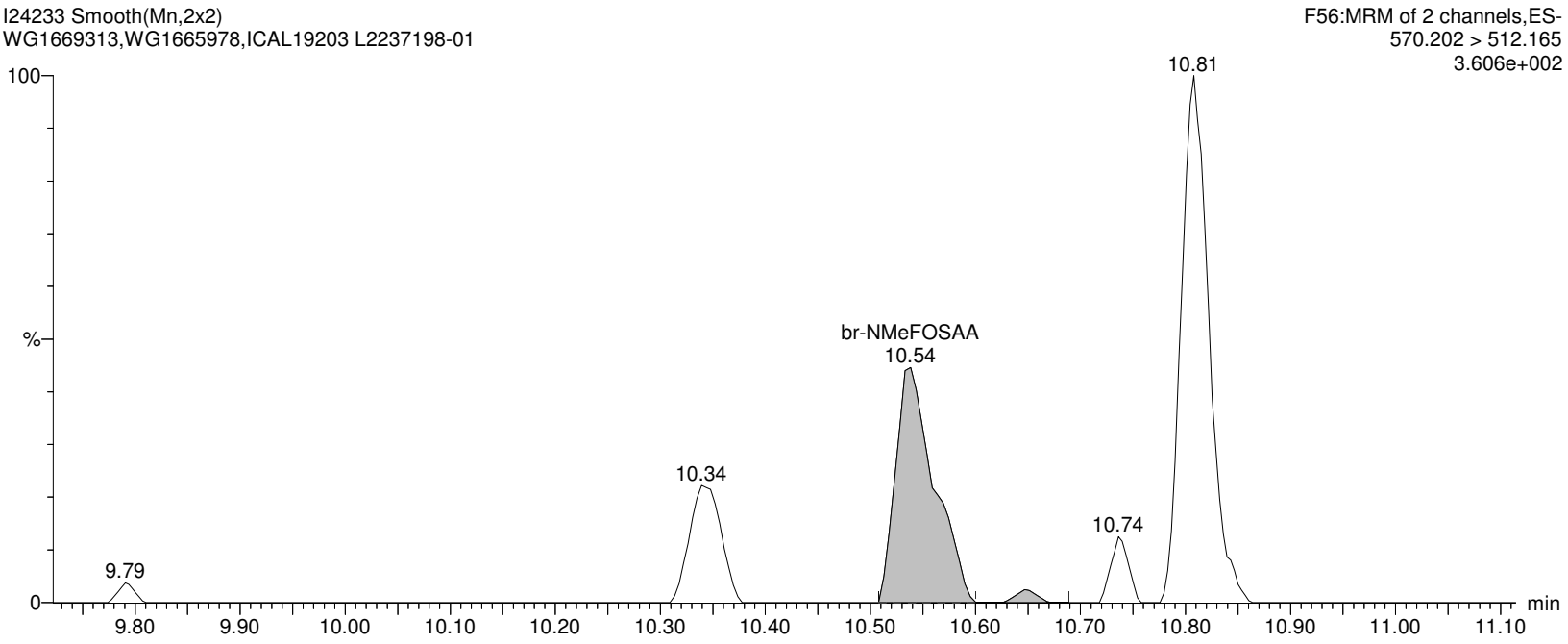
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:25 Eastern Daylight Time

Name: I24233
ID: L2237198-01
Date: 31-Jul-2022
Time: 00:34:44
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

br-NMeFOSAA



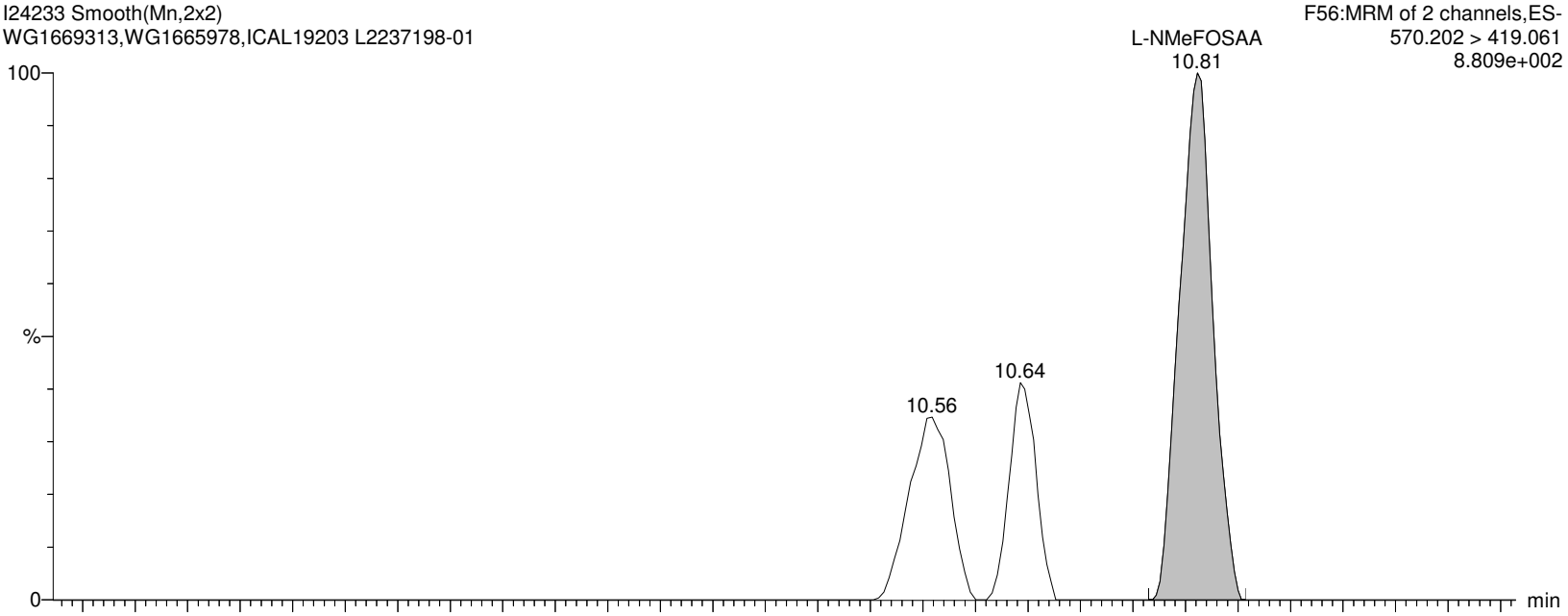


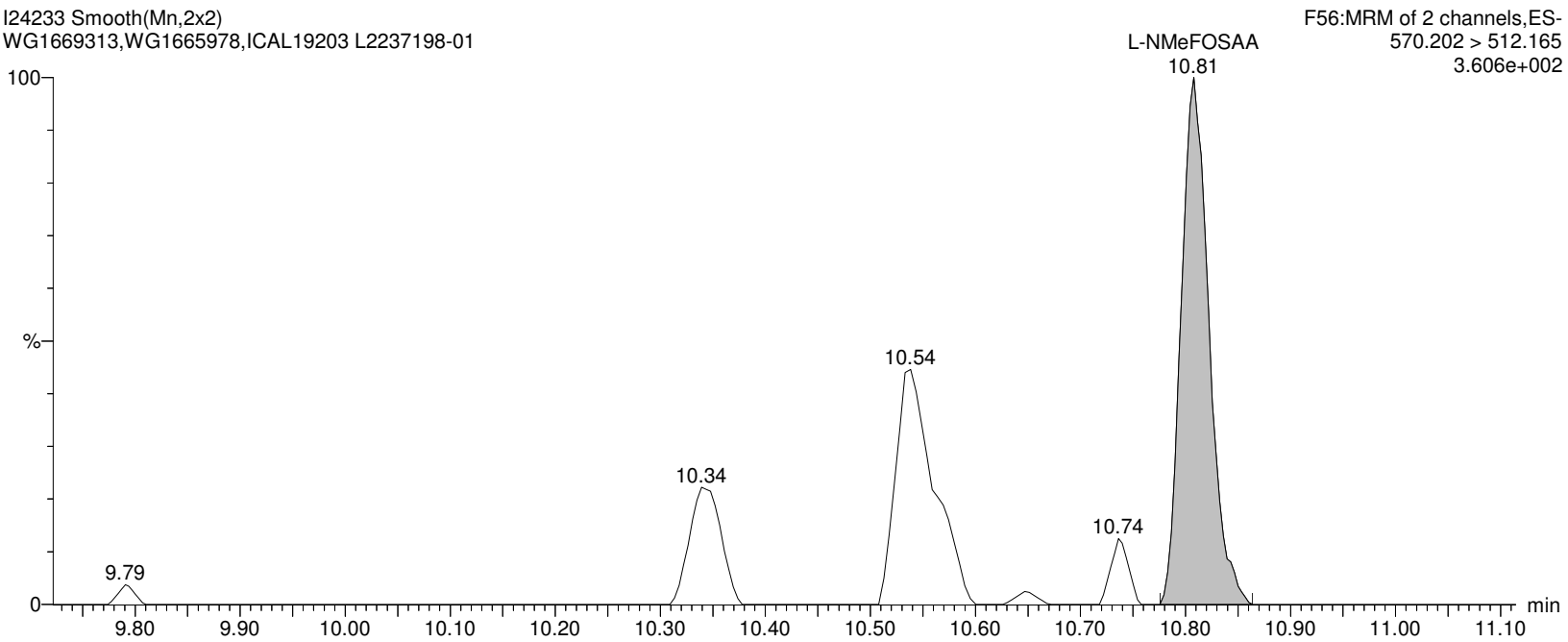
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:25 Eastern Daylight Time

Name: I24233
ID: L2237198-01
Date: 31-Jul-2022
Time: 00:34:44
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

L-NMeFOSAA



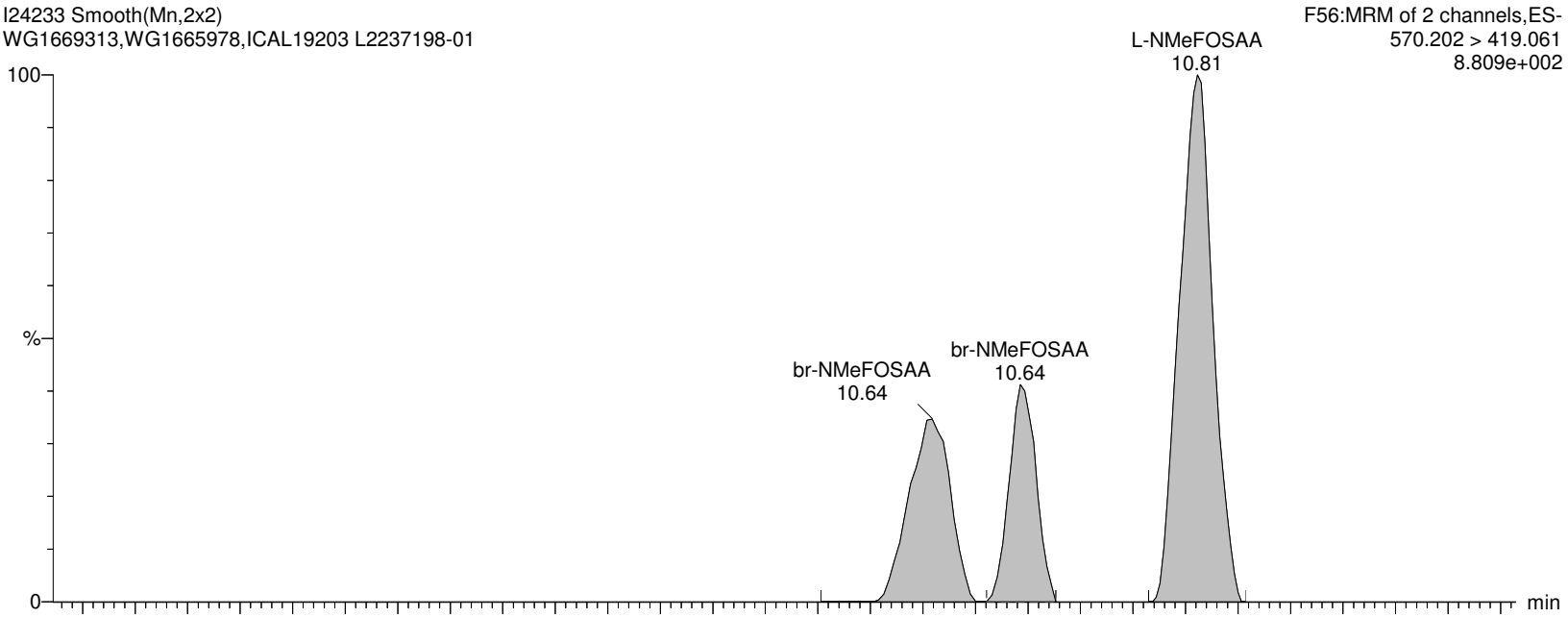


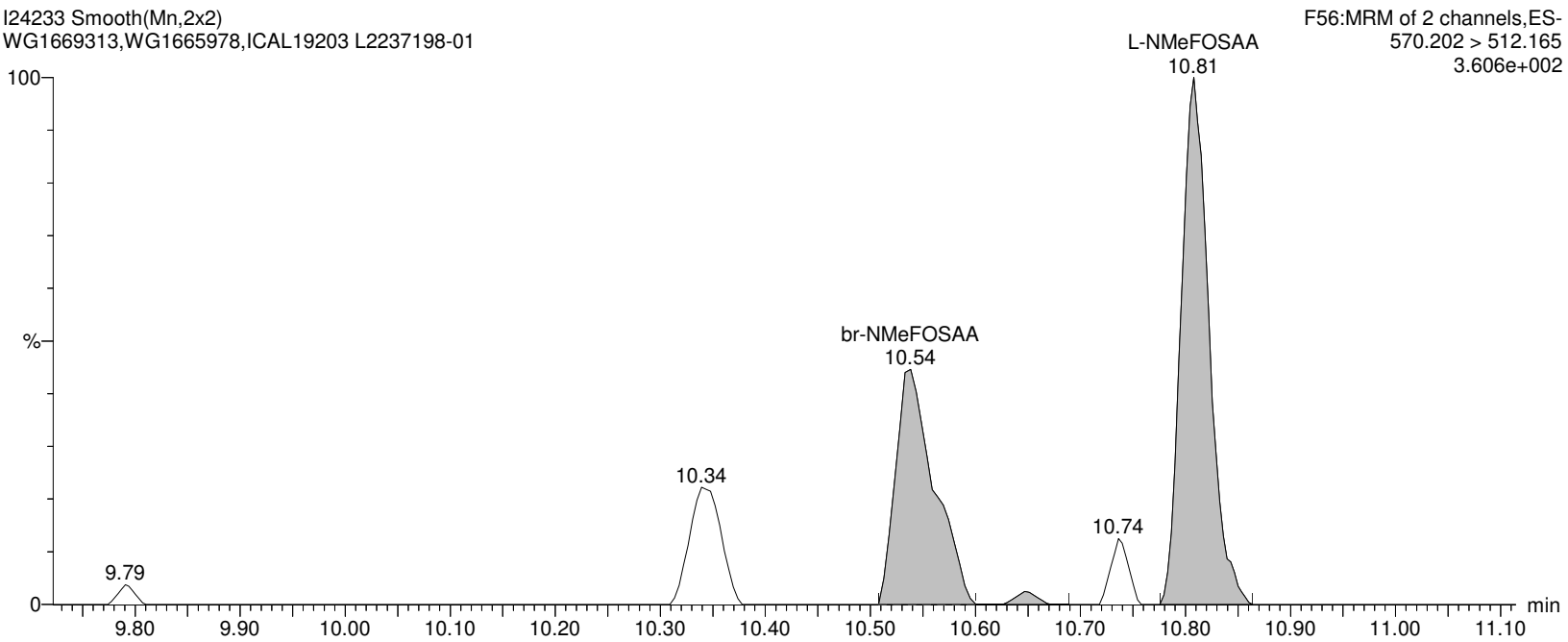
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:25 Eastern Daylight Time

Name: I24233
ID: L2237198-01
Date: 31-Jul-2022
Time: 00:34:44
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

NMeFOSAA



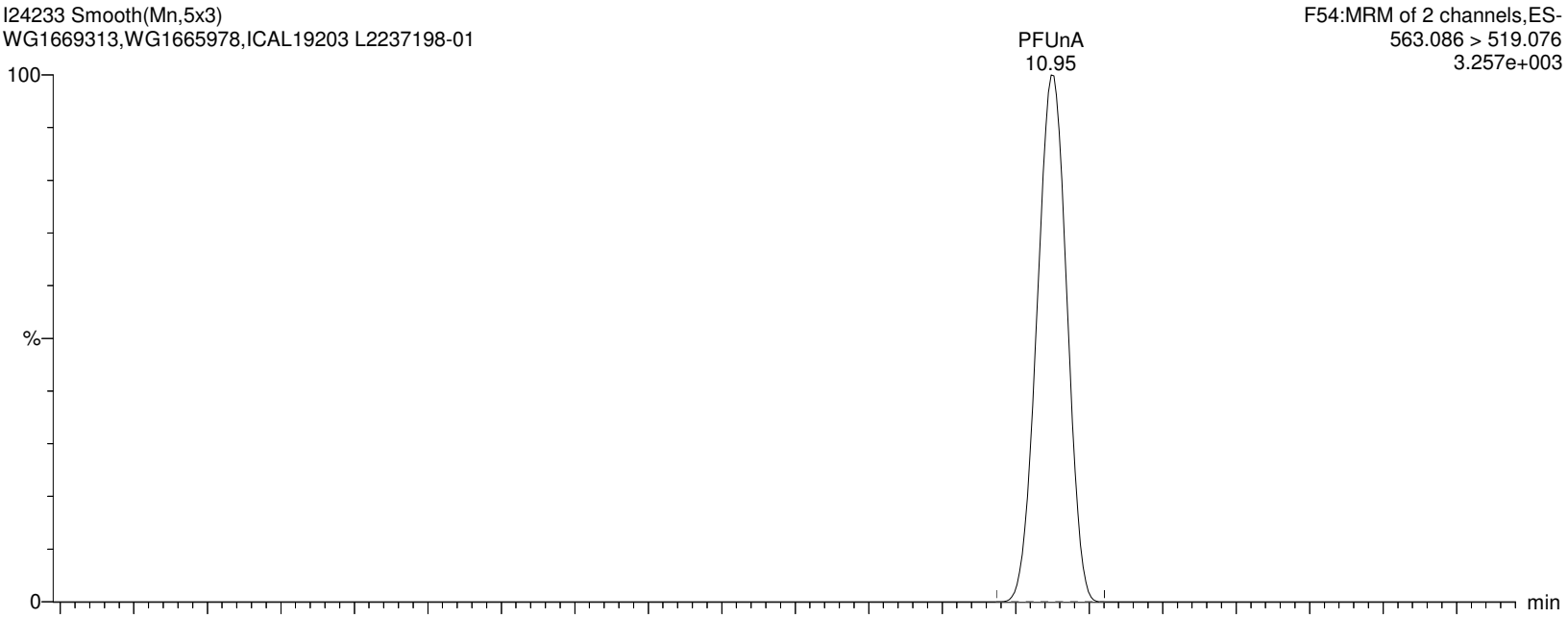


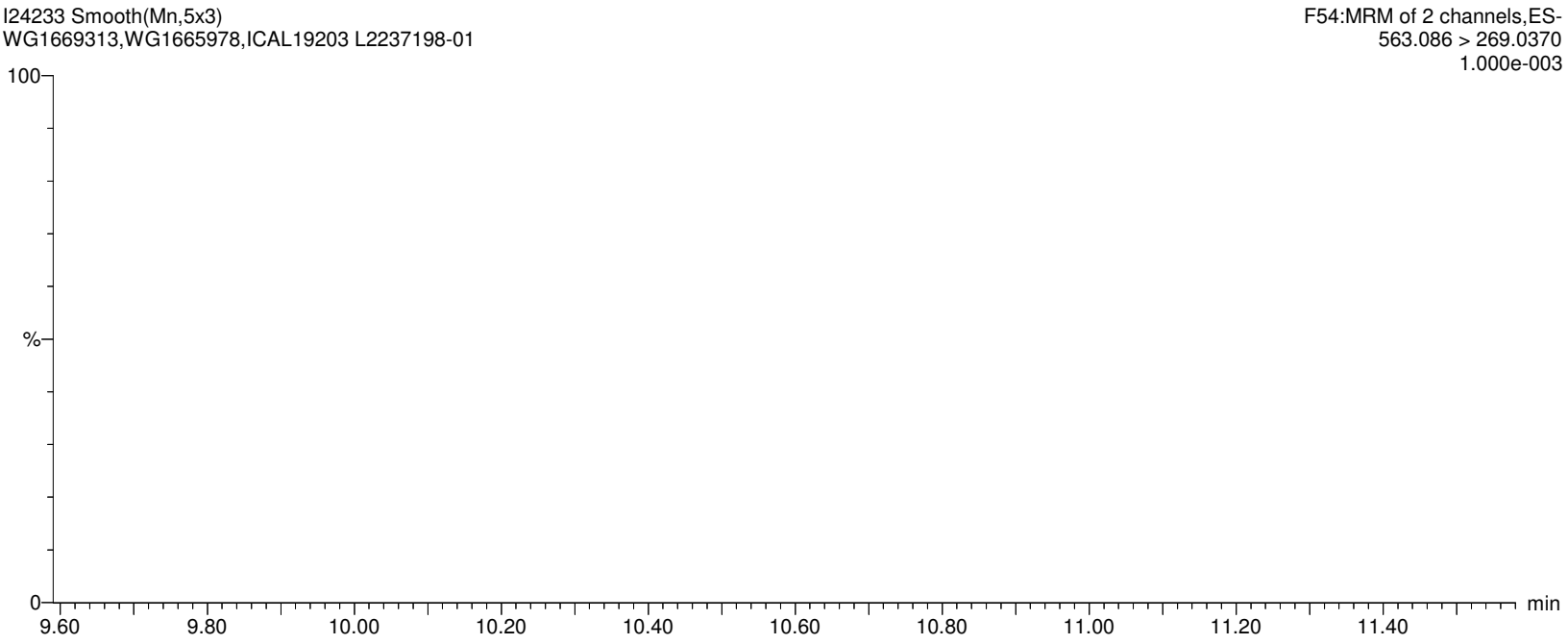
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:25 Eastern Daylight Time

Name: I24233
ID: L2237198-01
Date: 31-Jul-2022
Time: 00:34:44
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFUnA



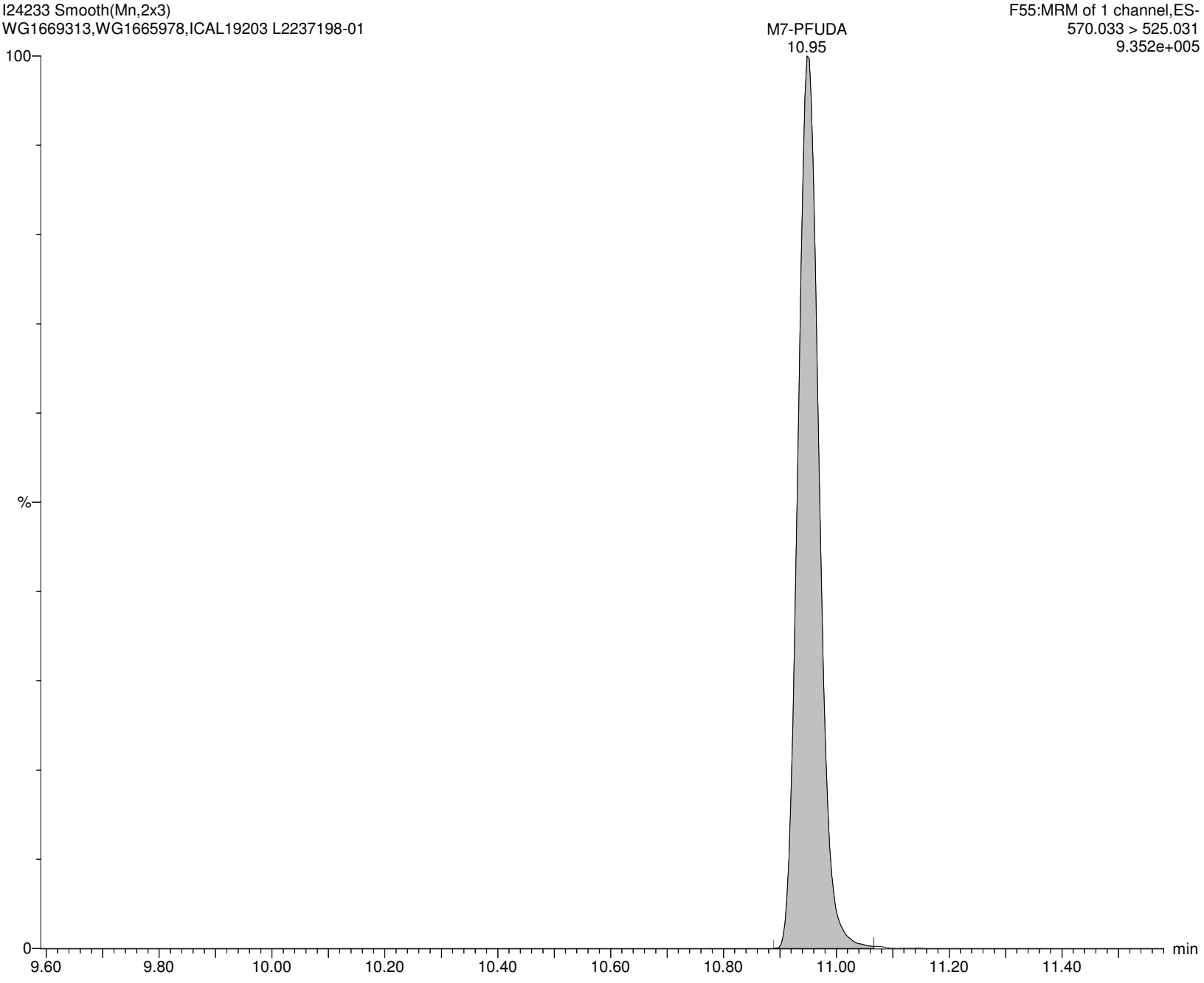


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:25 Eastern Daylight Time

Name: I24233
ID: L2237198-01
Date: 31-Jul-2022
Time: 00:34:44
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M7-PFUDA

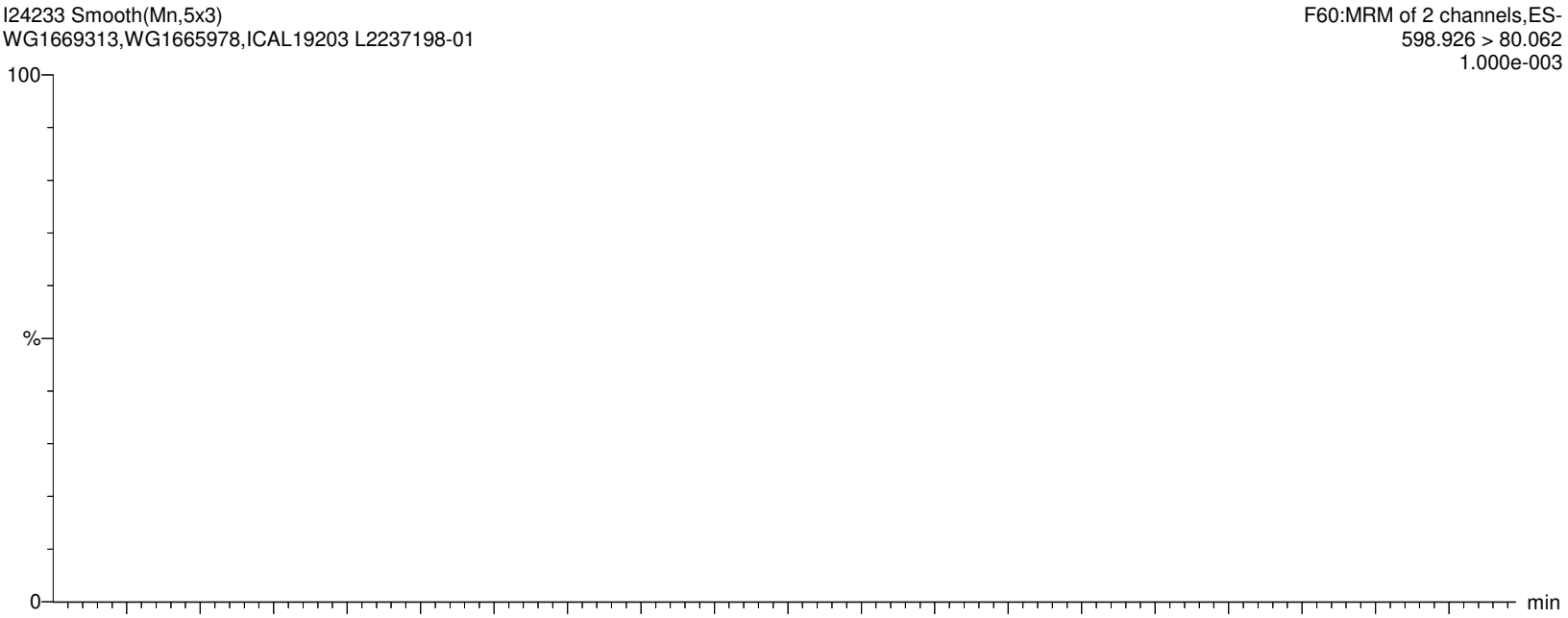


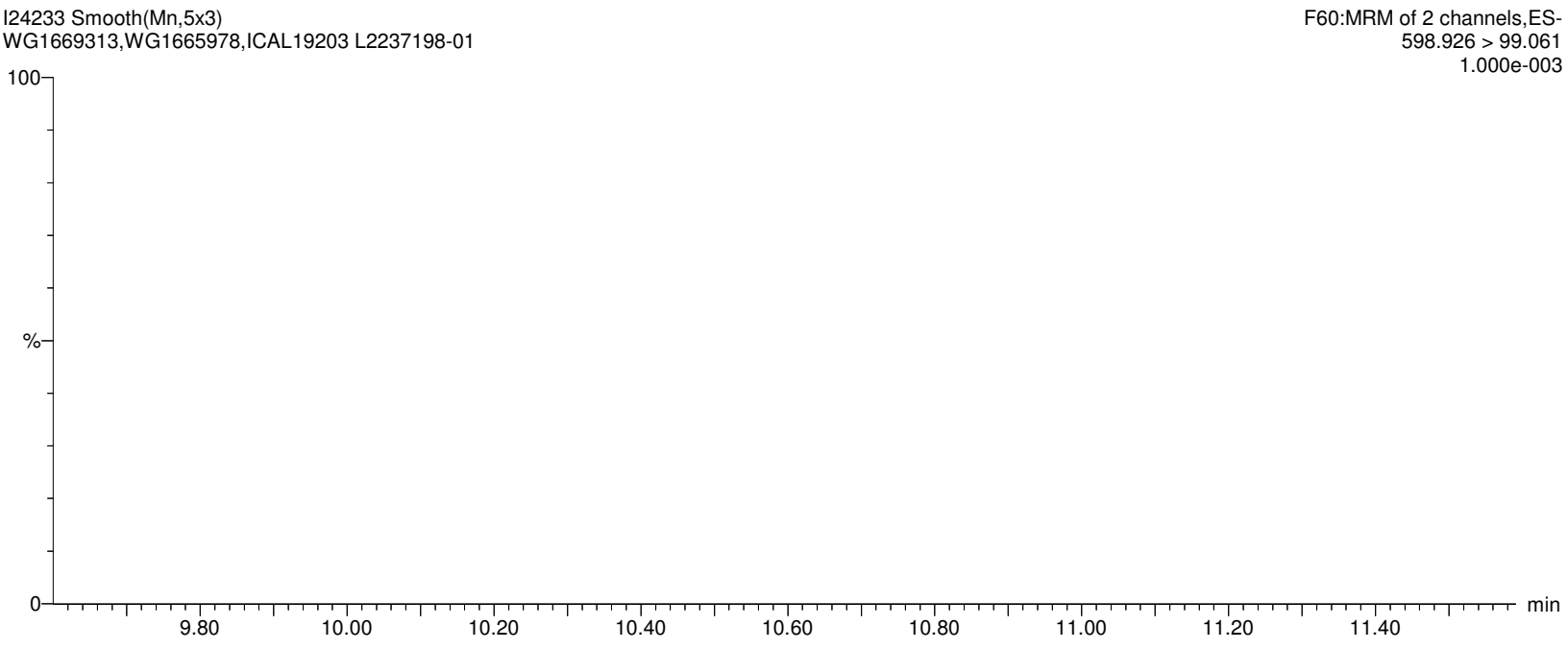
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:25 Eastern Daylight Time

Name: I24233
ID: L2237198-01
Date: 31-Jul-2022
Time: 00:34:44
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFDS



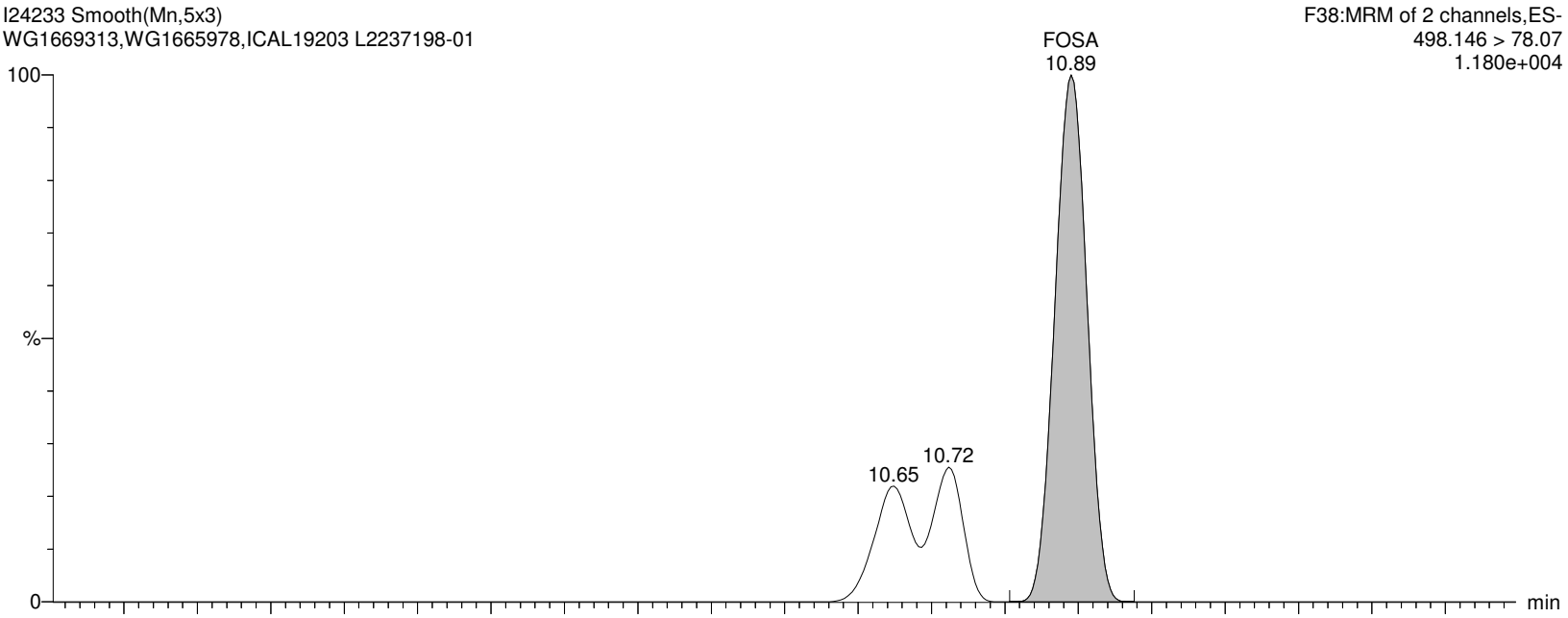


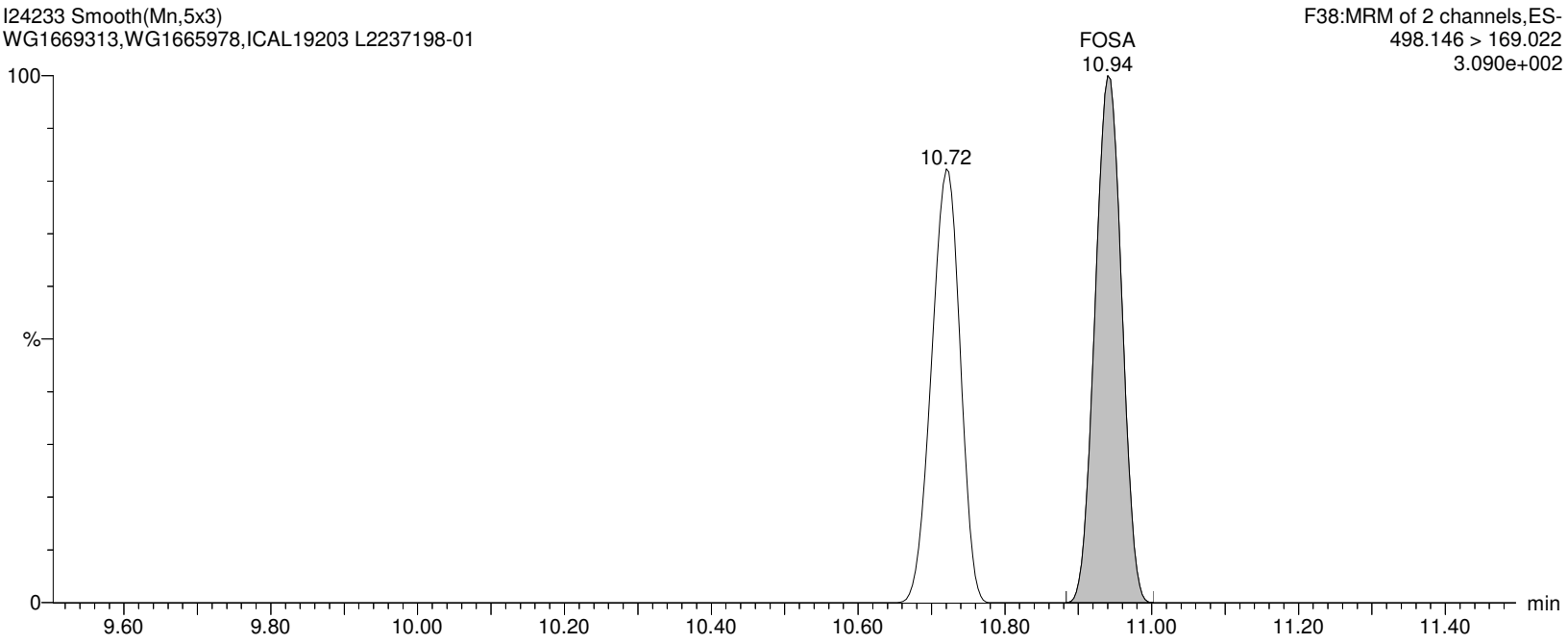
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:25 Eastern Daylight Time

Name: I24233
ID: L2237198-01
Date: 31-Jul-2022
Time: 00:34:44
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

FOSA



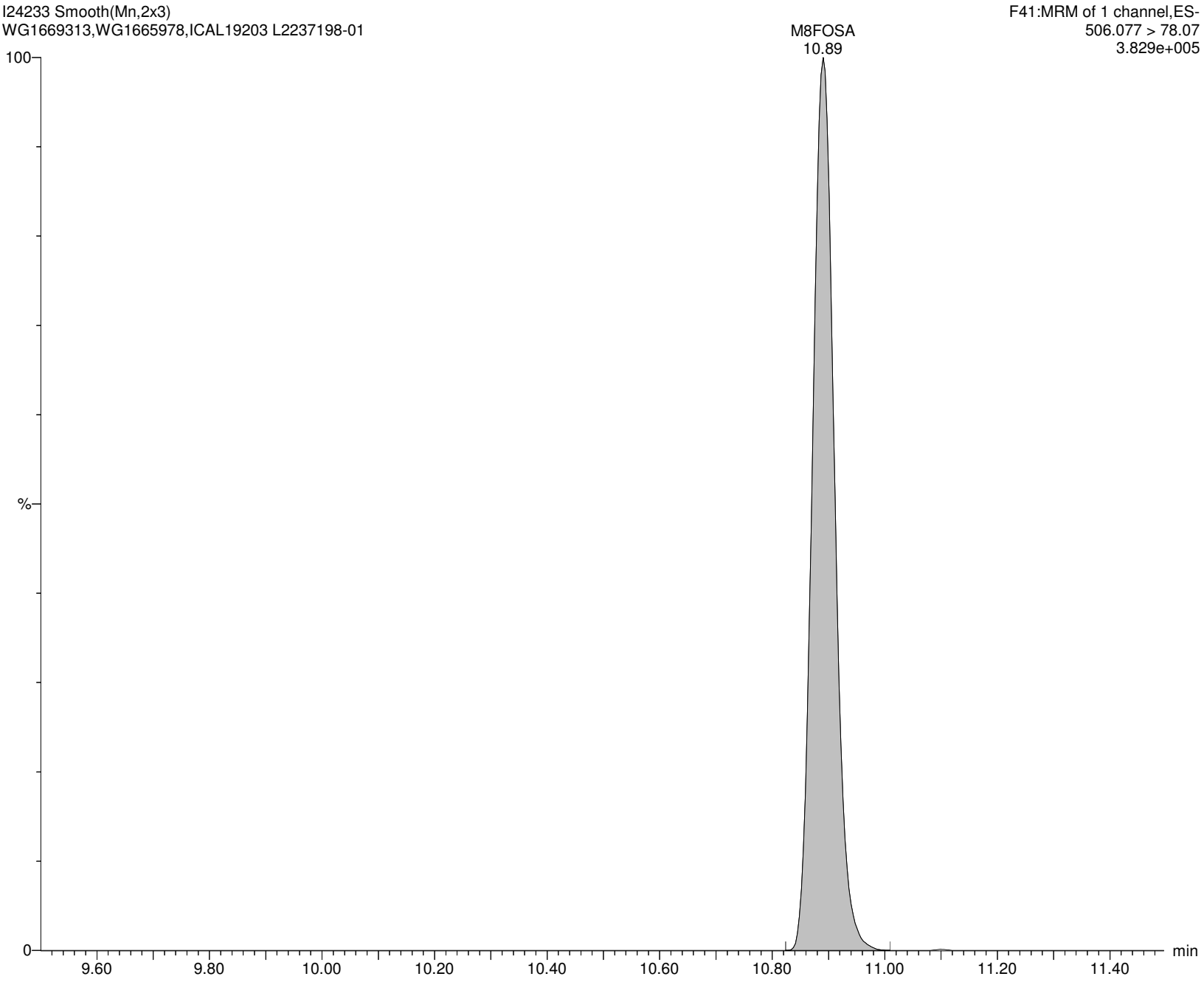


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:25 Eastern Daylight Time

Name: I24233
ID: L2237198-01
Date: 31-Jul-2022
Time: 00:34:44
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M8FOSA

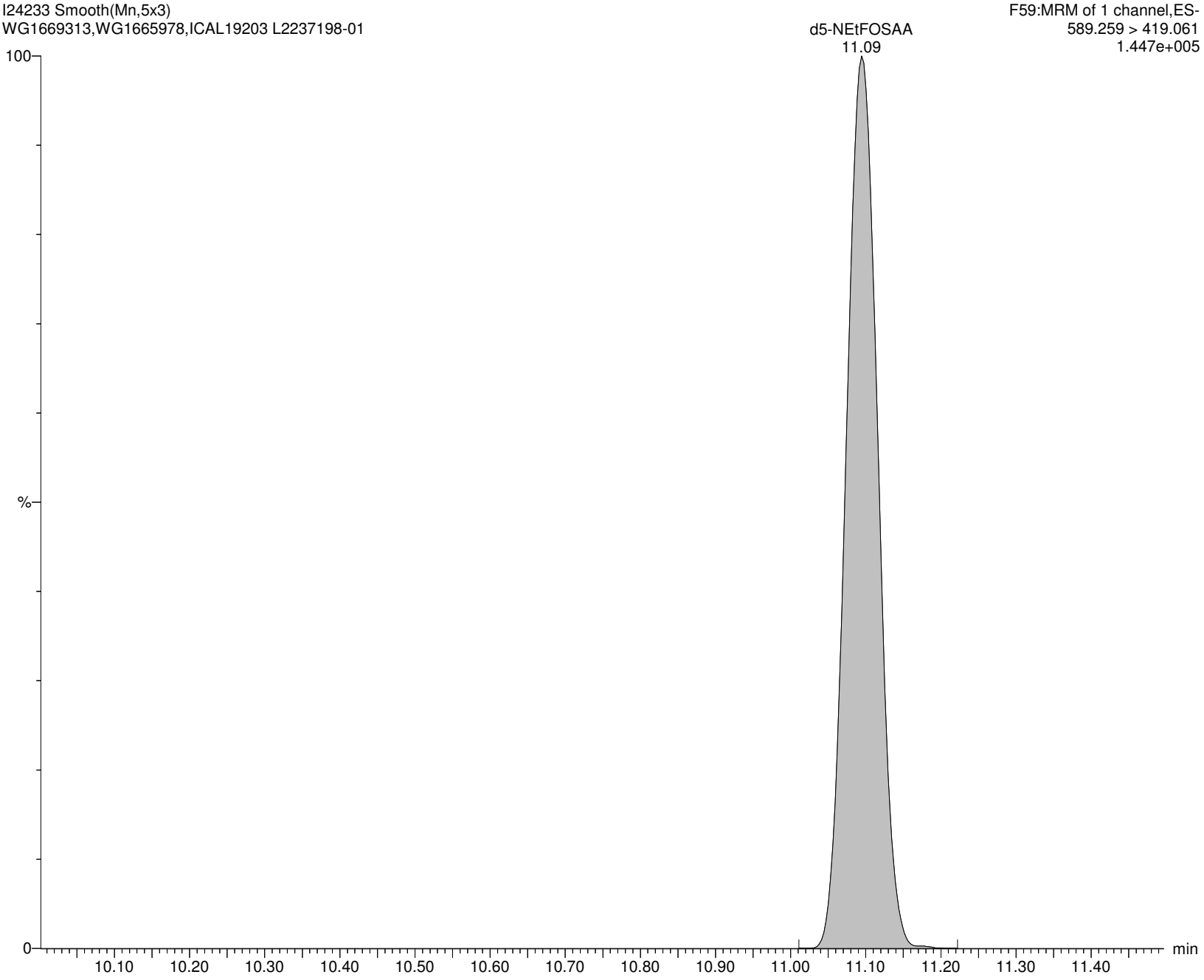


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:25 Eastern Daylight Time

Name: I24233
ID: L2237198-01
Date: 31-Jul-2022
Time: 00:34:44
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

d5-NEtFOSAA

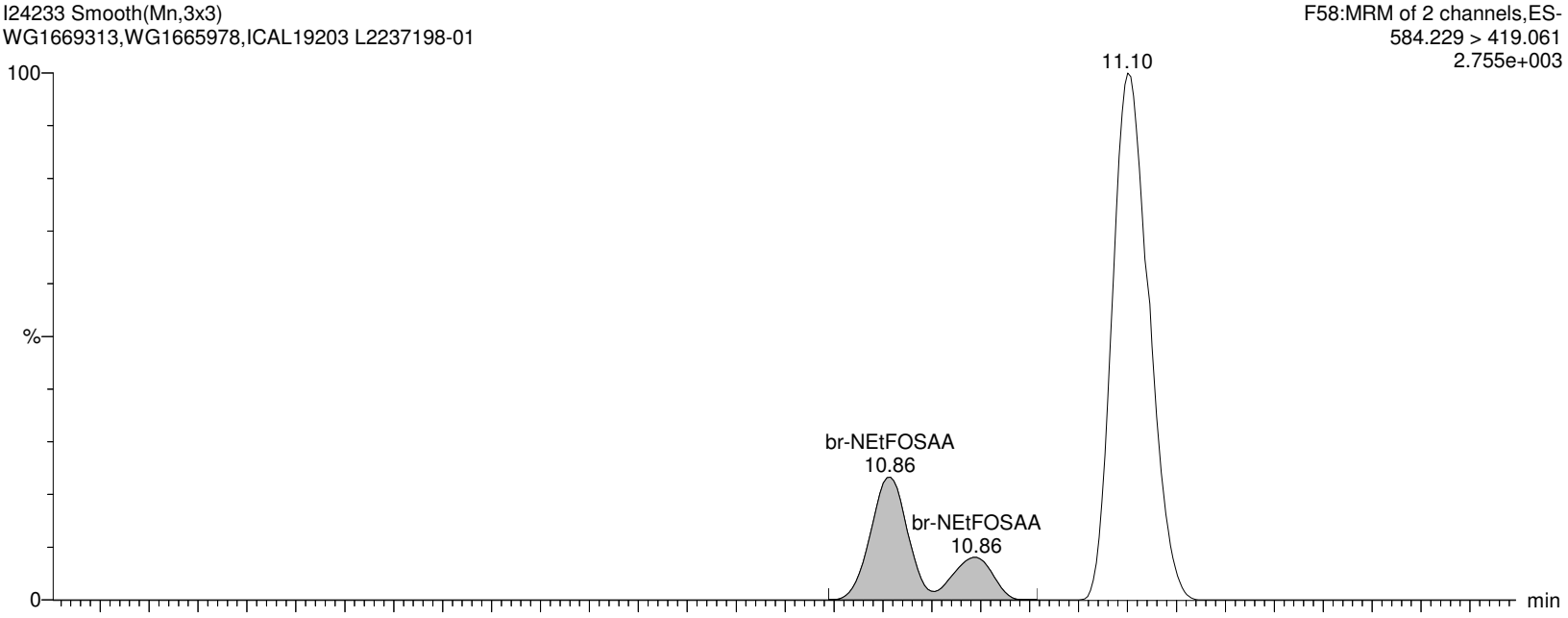


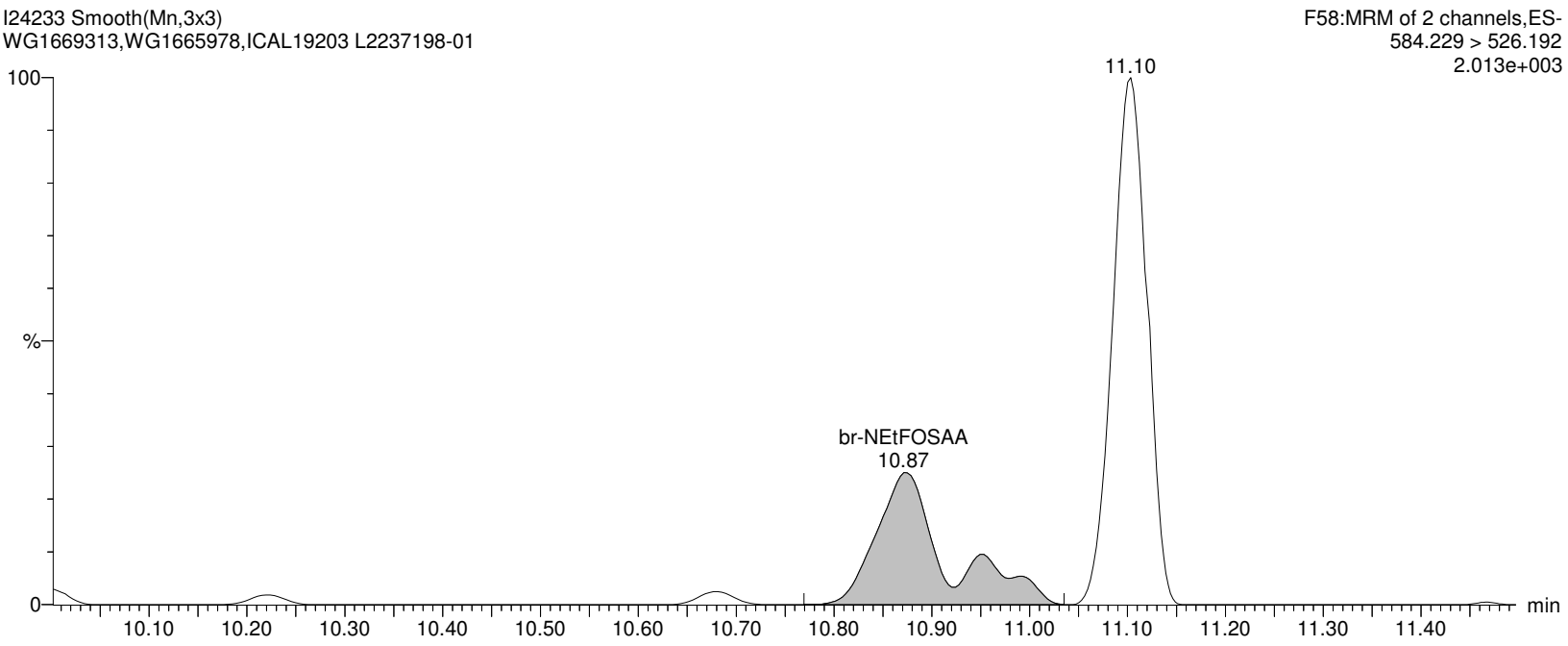
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:25 Eastern Daylight Time

Name: I24233
ID: L2237198-01
Date: 31-Jul-2022
Time: 00:34:44
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

br-NEtFOSAA



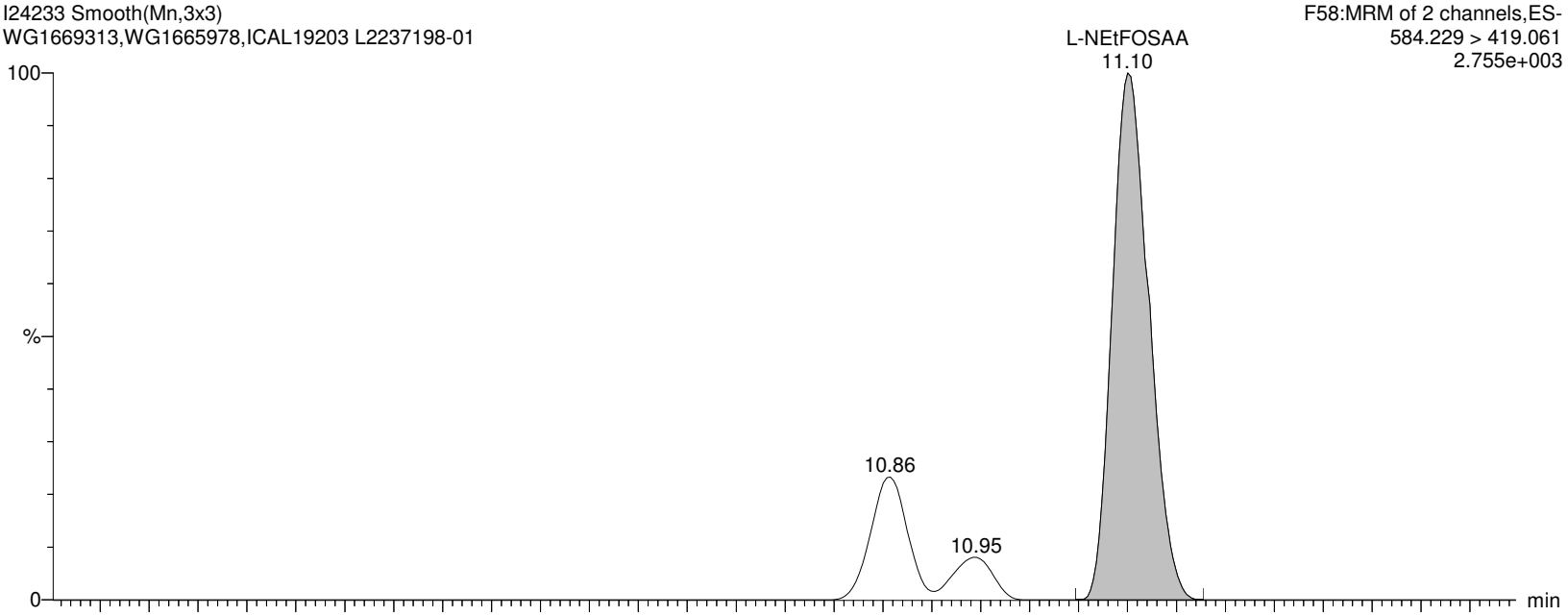


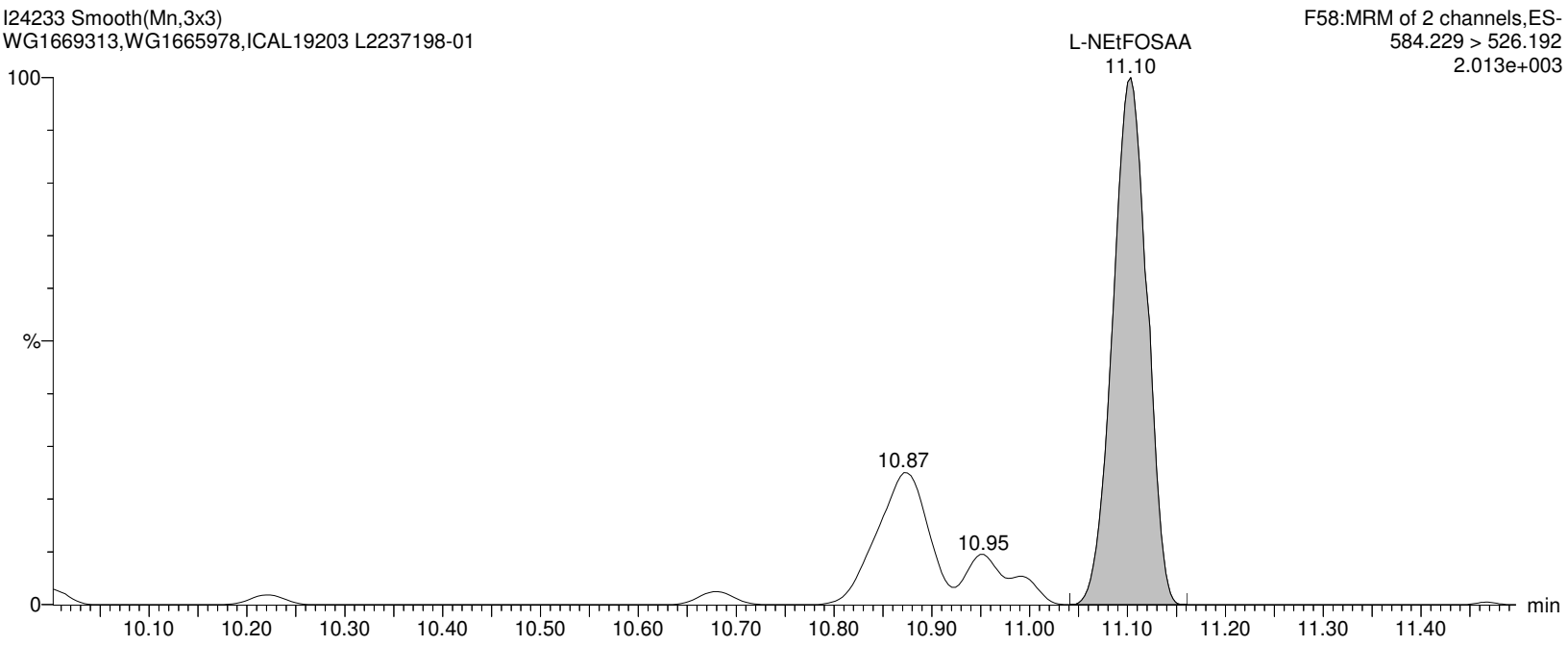
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:25 Eastern Daylight Time

Name: I24233
ID: L2237198-01
Date: 31-Jul-2022
Time: 00:34:44
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

L-NEtFOSAA



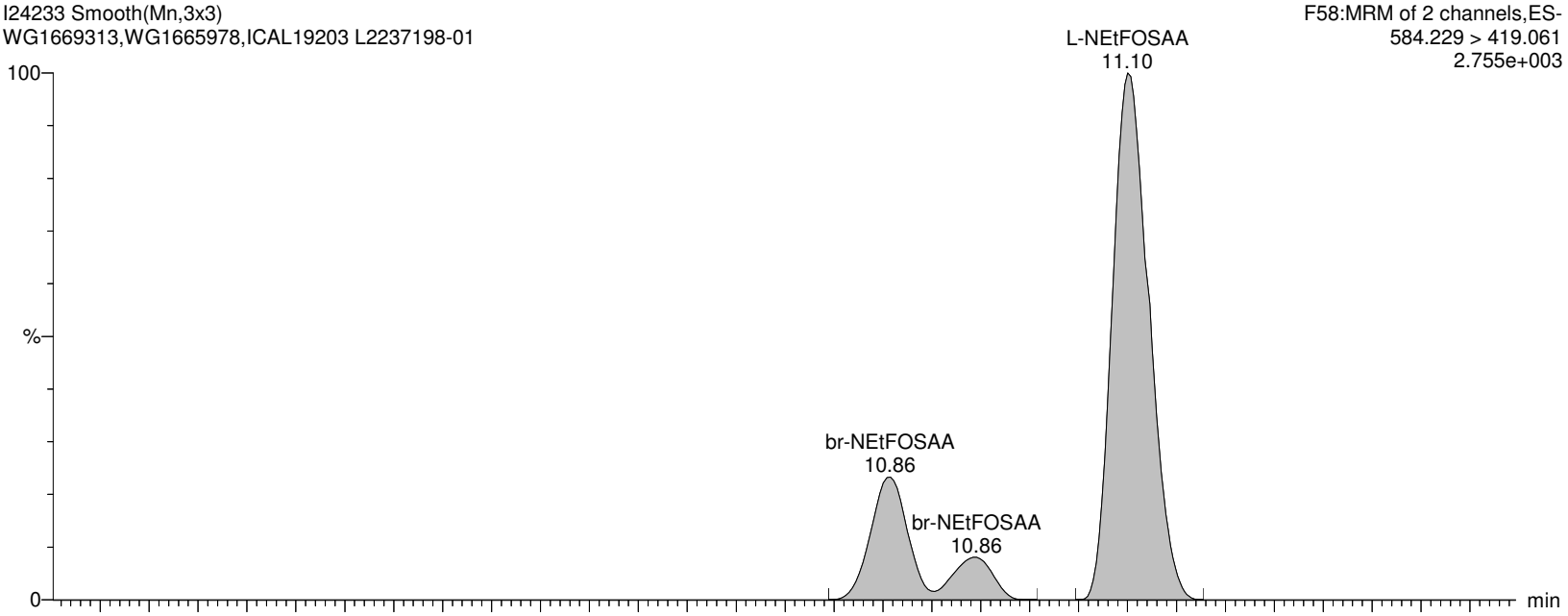


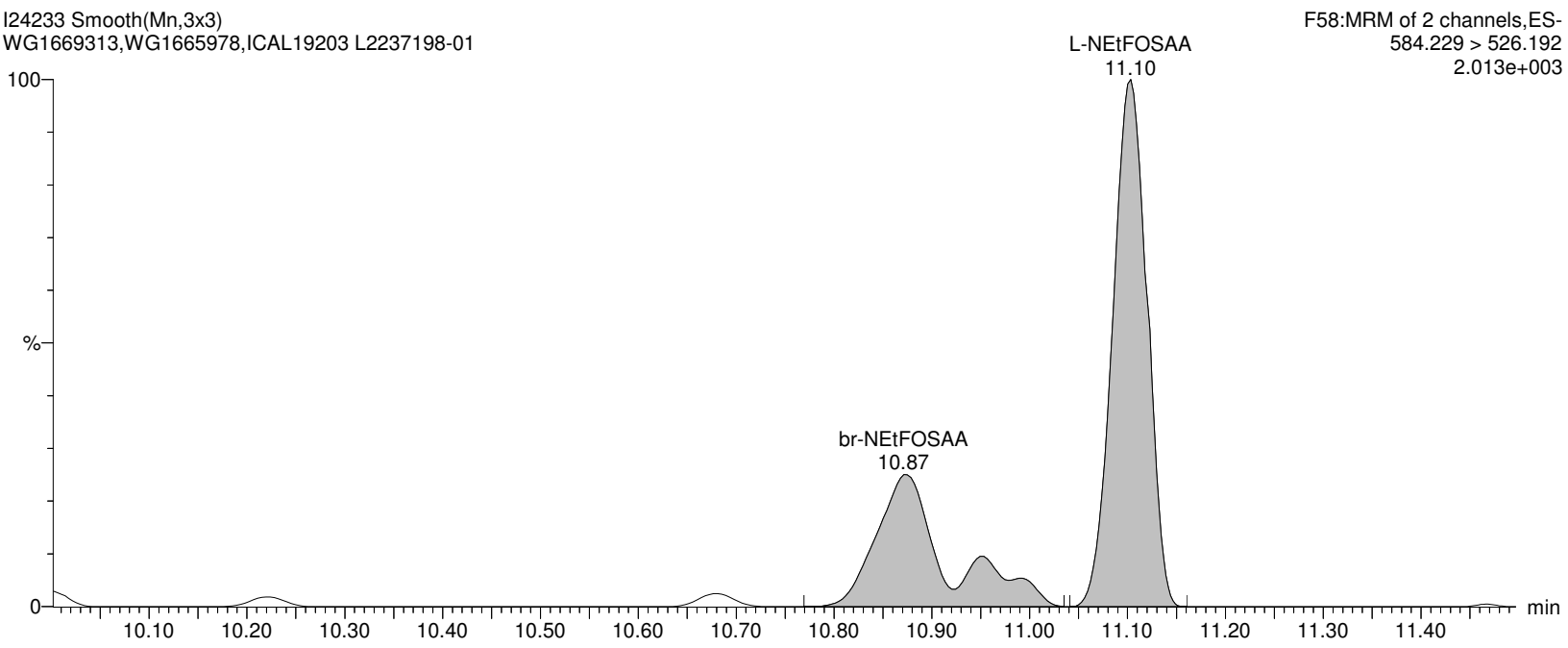
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:25 Eastern Daylight Time

Name: I24233
ID: L2237198-01
Date: 31-Jul-2022
Time: 00:34:44
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

NEtFOSAA



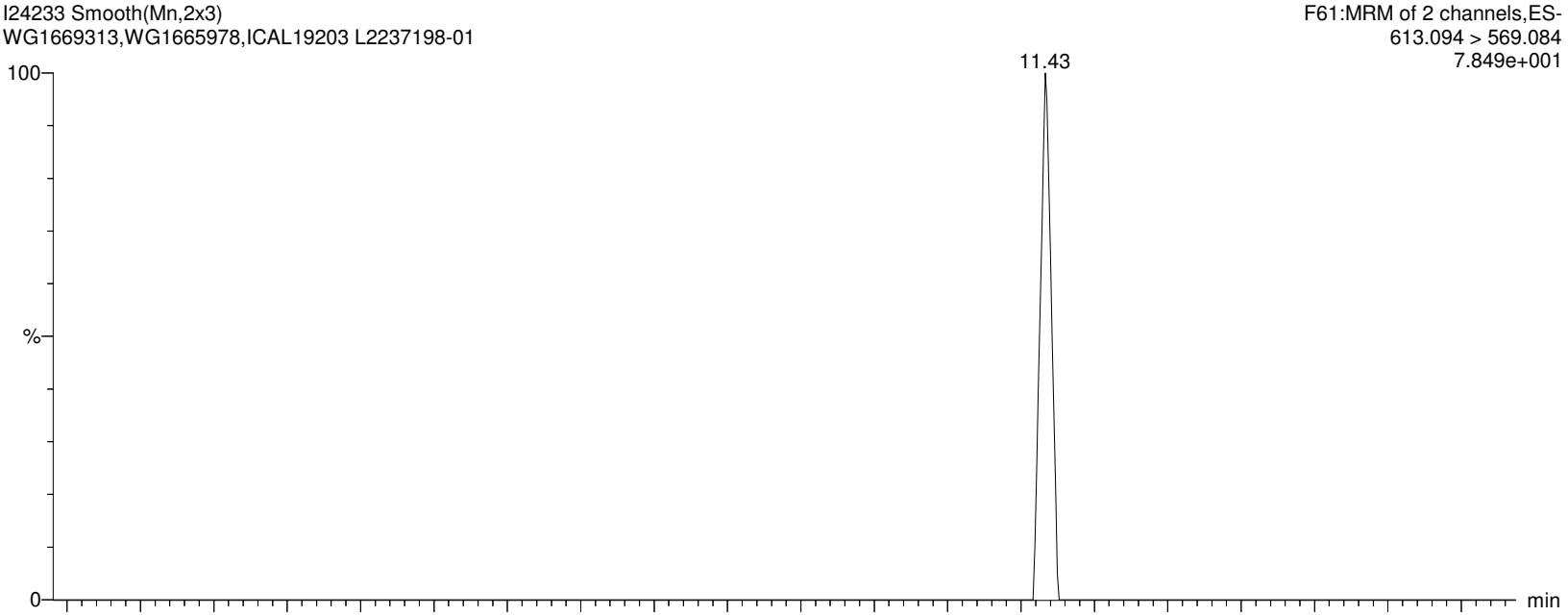


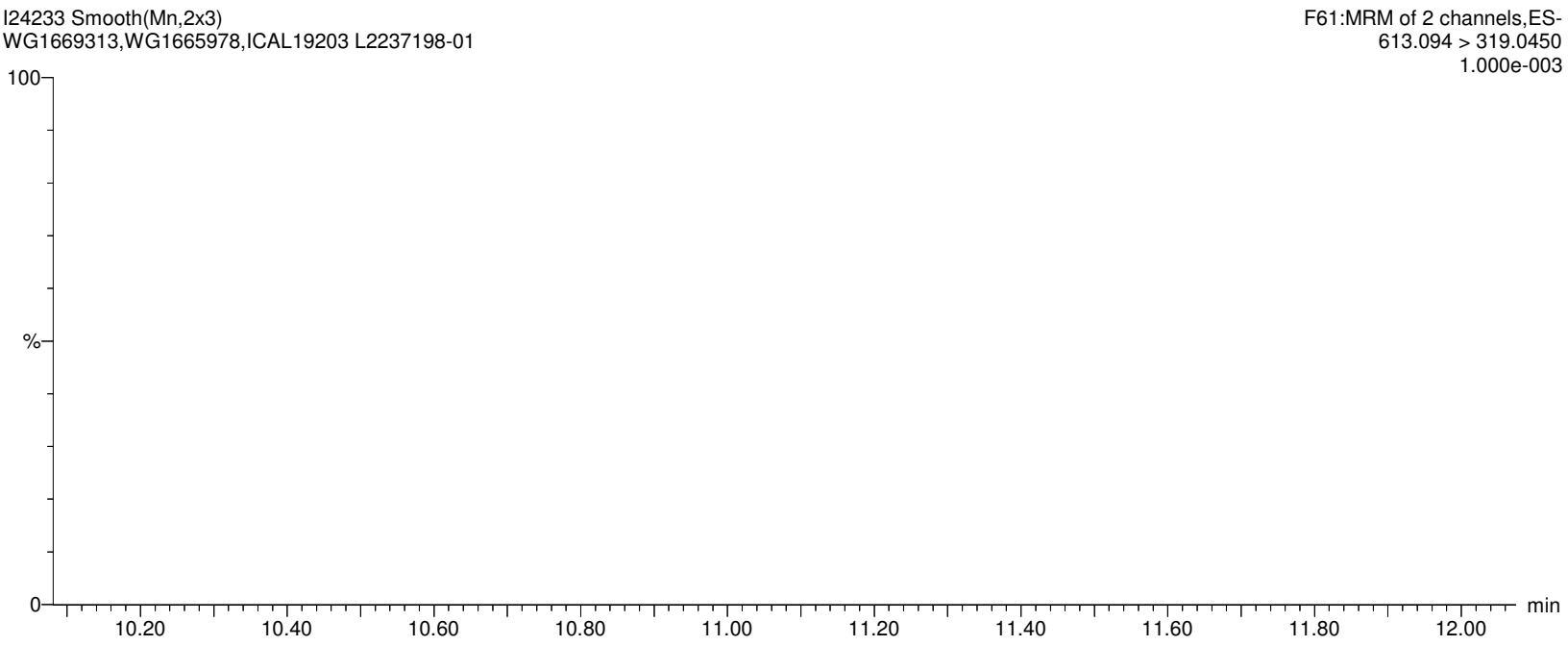
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:25 Eastern Daylight Time

Name: I24233
ID: L2237198-01
Date: 31-Jul-2022
Time: 00:34:44
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFDoA



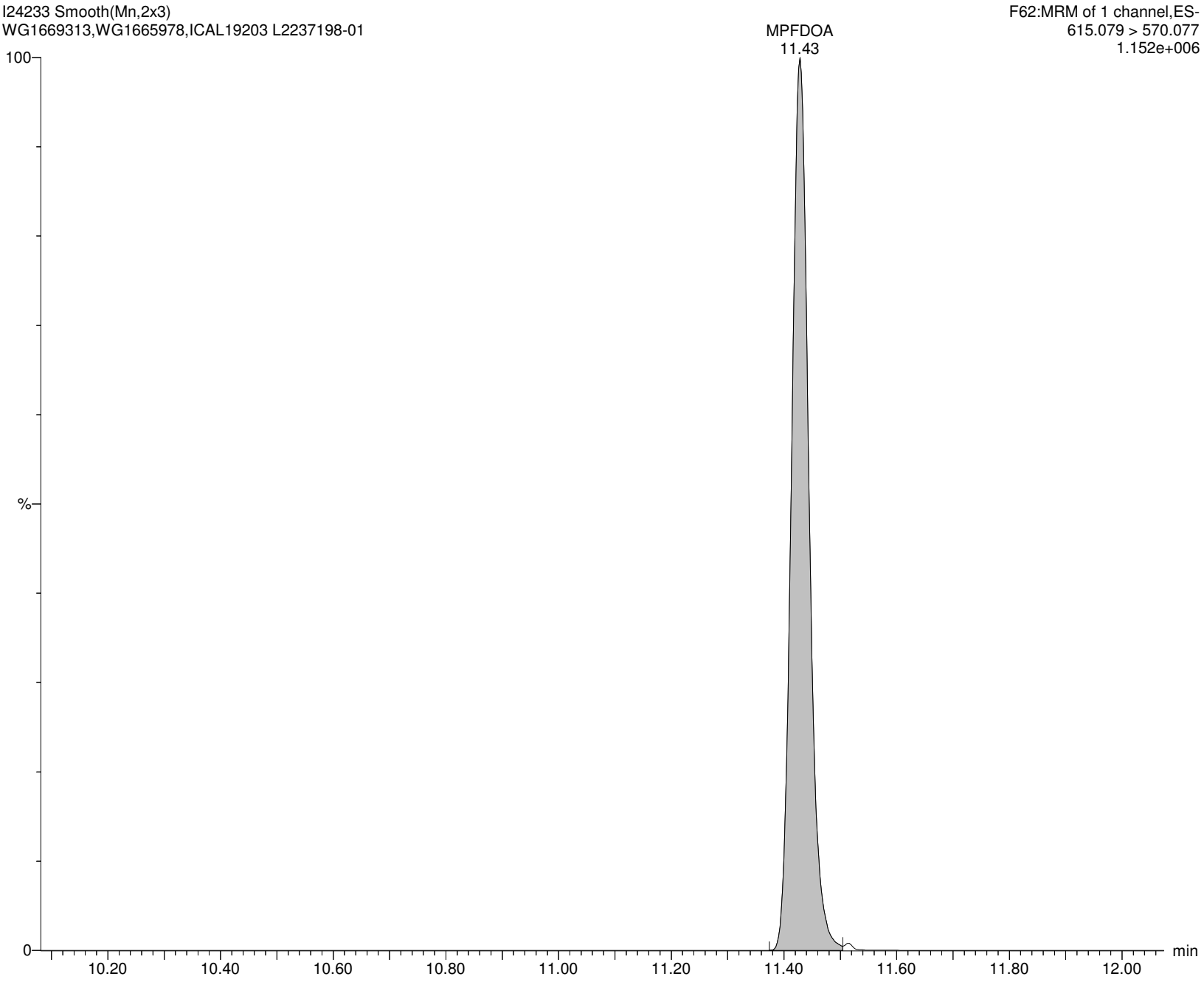


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:25 Eastern Daylight Time

Name: I24233
ID: L2237198-01
Date: 31-Jul-2022
Time: 00:34:44
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

MPFDOA

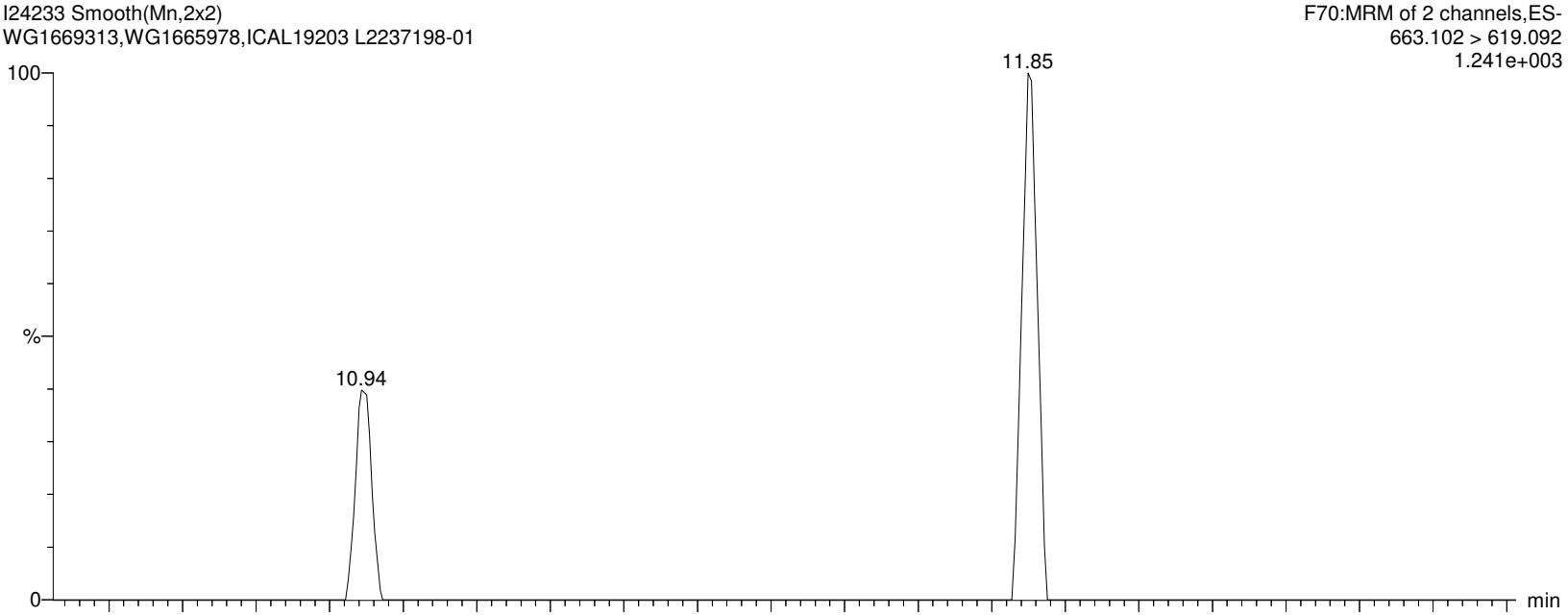


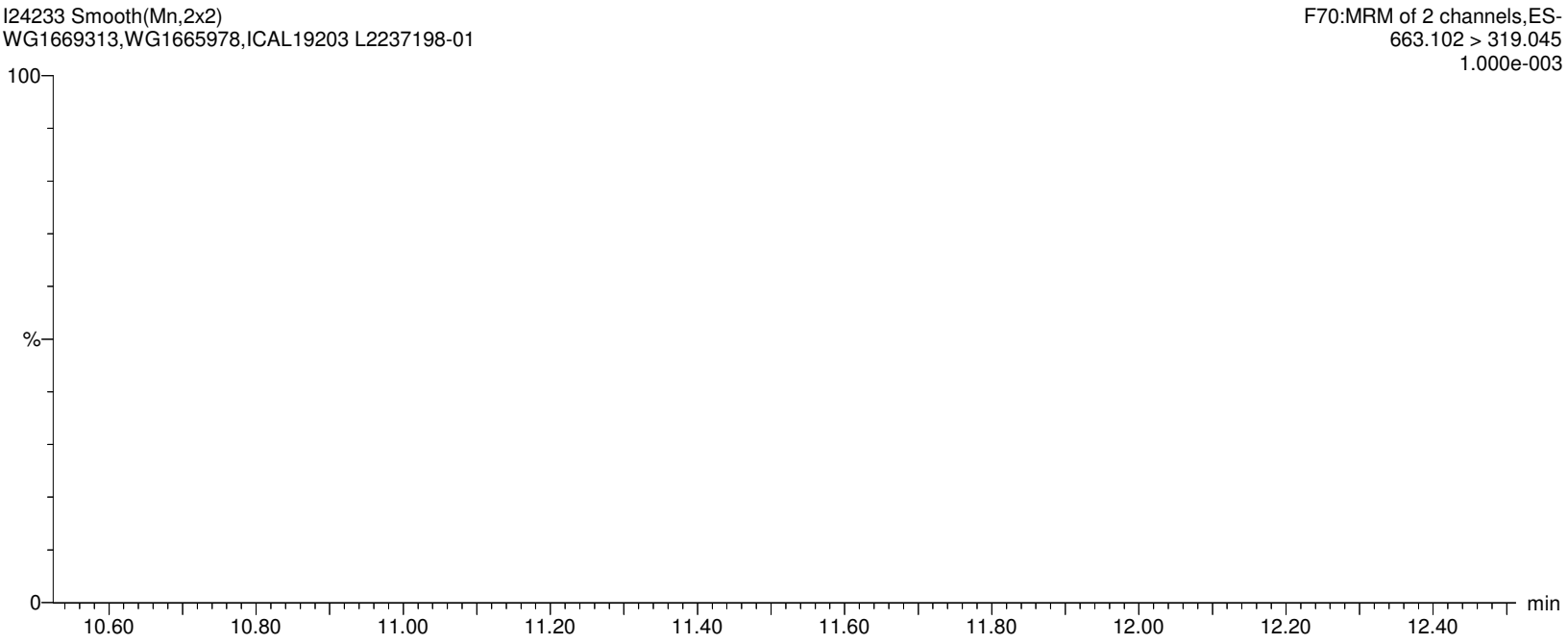
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:25 Eastern Daylight Time

Name: I24233
ID: L2237198-01
Date: 31-Jul-2022
Time: 00:34:44
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFTrDA



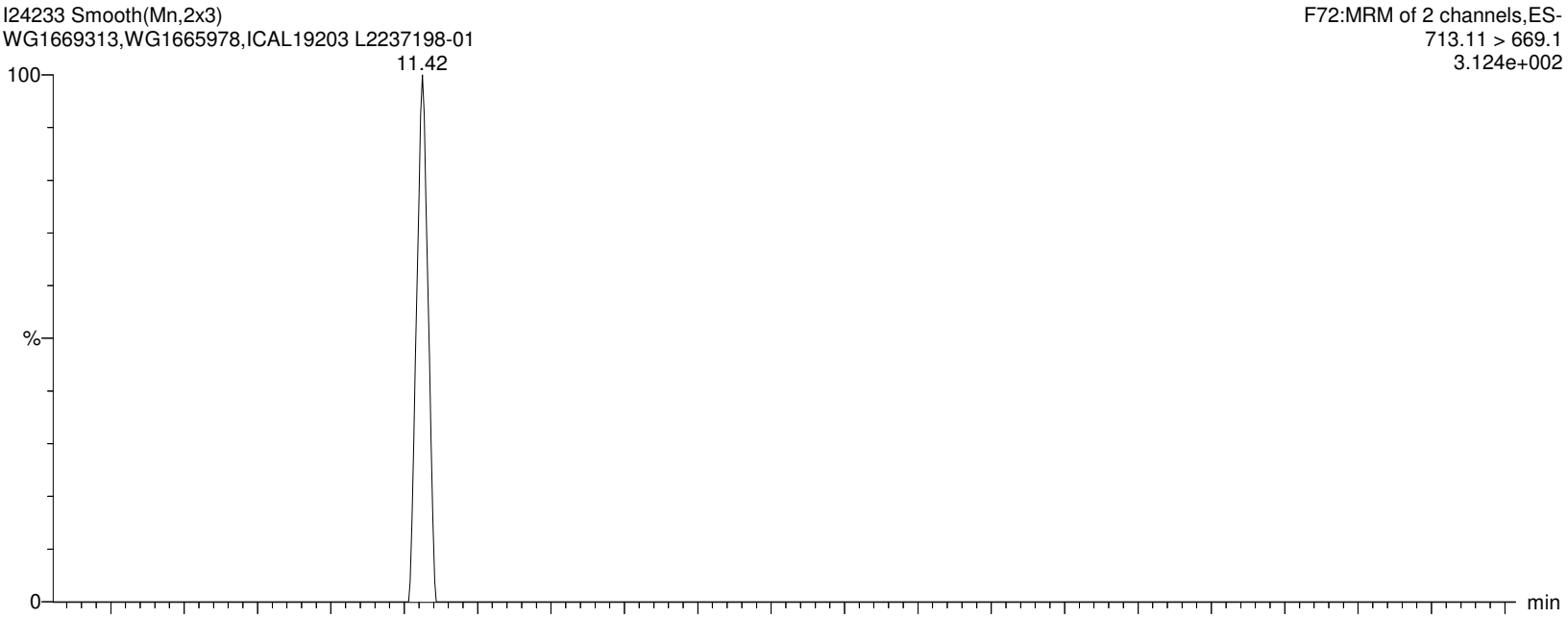


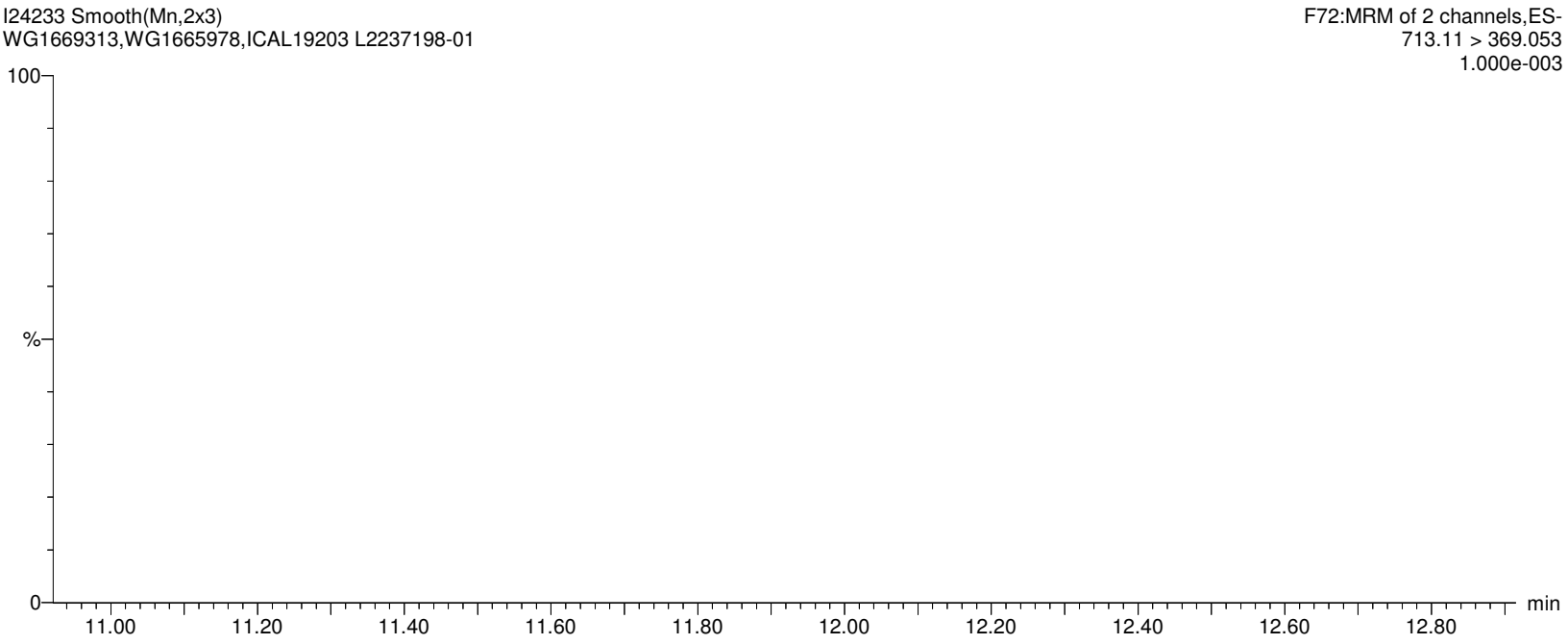
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:25 Eastern Daylight Time

Name: I24233
ID: L2237198-01
Date: 31-Jul-2022
Time: 00:34:44
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFTA



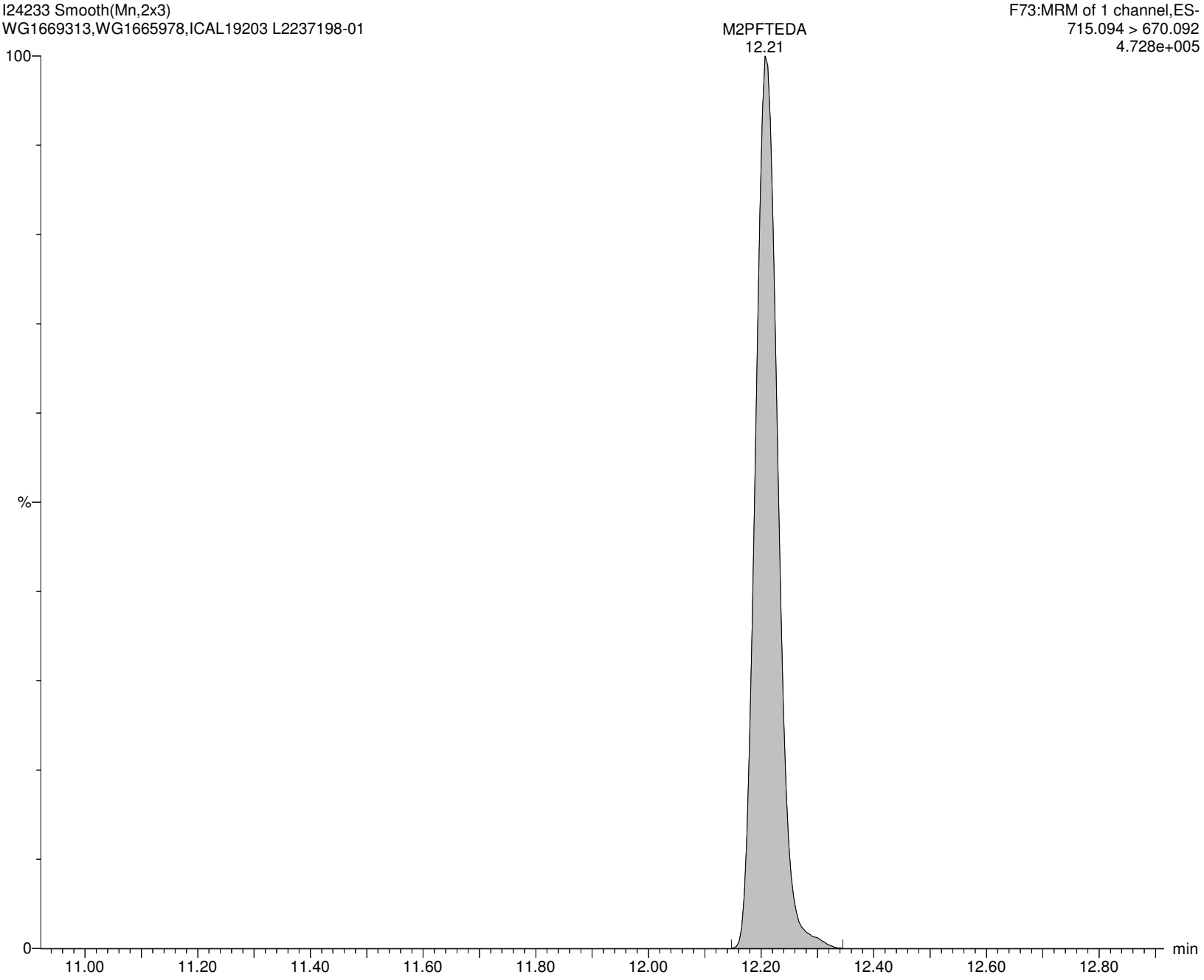


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:25 Eastern Daylight Time

Name: I24233
ID: L2237198-01
Date: 31-Jul-2022
Time: 00:34:44
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2PFTEDA



all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:29 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220730_537ISO.PRO\MethDB\537ISO_Q_220725_RT.mdb 29 Jul 2022 09:44:29
Calibration: C:\MassLynx\Data\2022\220730_537ISO.PRO\CurveDB\220725_ICAL.cdb 26 Jul 2022 09:37:13

ID: L2237198-02
Name: I24235
Date: 31-Jul-2022
Time: 01:07:57
Description: WG1669313,WG1665978,ICAL19203
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:SG
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.11	213.032 > 169.022	5724	M4	1.492		na	
2	M3PFBA	INT STD	2.13	216.009 > 171.999	39325		10.525		na	105.2
3	MPFBA	INT STD	2.12	217.001 > 171.999	40455		9.060		na	90.6
4	PFPeA	2706-90-3	4.95	263.039 > 219.03	4781		1.181		na	
5	M5PFPEA	INT STD	4.94	268.001 > 222.999	39084		8.888		na	88.9
6	PFBS	375-73-5	5.59	299.092 > 80.062	894		0.539	2.23	NO	
7	M3PFBS	INT STD	5.59	302.069 > 80.062	14006		7.371		na	79.1
8	4:2FTS	757124-72-4		327.146 > 307.139			ND		YES	
9	M2-4:2FTS	INT STD	6.74	329.13 > 309.124	8158		21.449		na	228.7
10	PFHxA	307-24-4	6.82	313.047 > 269.037	7199		1.404	12.65	NO	
11	M5PFHxA	INT STD	6.81	318.009 > 273.007	49995		6.820		na	68.2
12	PFPeS	2706-91-4	7.13	349.1 > 80.062	595		0.331	1.58	NO	
13	PFHpA	375-85-9	8.07	363.055 > 319.045	5937		1.119	3.75	NO	
14	M4PFHpA	INT STD	8.07	367.025 > 322.022	50997		8.302		na	83.0
15	br-PFHxS	355-46-4	8.01	399.107 > 80.062	378	M5,M7	0.250	2.33	NO	
16	L-PFHxS	355-46-4	8.24	399.107 > 80.062	1867		1.120	1.57	NO	
17	PFHxS	355-46-4		399.107 > 80.062	2245		1.370		na	
18	M3PFHxS	INT STD	8.24	402.084 > 80.062	17270		8.727		na	92.1
19	br-PFOA	335-67-1	8.79	413.063 > 369.053	4741	M5	0.765	1.32	NO	
20	L-PFOA	335-67-1	9.02	413.063 > 369.053	32946		5.315	7.06	NO	
21	PFOA	335-67-1		413.063 > 369.053	37687		6.080		na	
22	M8PFOA	INT STD	9.02	421.002 > 376.	54270		9.506		na	95.1
23	M2PFOA	INT STD	9.02	415.048 > 370.045	58902		14.119		na	141.2
24	6:2FTS	27619-97-2	8.98	427.161 > 407.155	407		0.438	2.16	NO	
25	M2-6:2FTS	INT STD	8.98	429.146 > 409.14	10703		23.585		na	248.0
26	PFHpS	375-92-8	9.11	449.115 > 80.062	436		0.217	1.57	NO	
27	PFNA	375-95-1	9.77	463.071 > 419.061	1680		0.289	4.05	NO	
28	M9PFNA	INT STD	9.77	472.002 > 427.	50087		9.392		na	93.9
29	br-PFOS	1763-23-1	9.57	499.123 > 80.062	10285		4.600	5.20	NO	
30	L-PFOS	1763-23-1	9.82	499.123 > 80.062	11087		6.539	1.82	NO	
31	PFOS	1763-23-1		499.123 > 80.062	21372		11.139		na	
32	M4PFOS	INT STD	9.82	503.093 > 80.062	18626		11.702		na	117.0
33	M8PFOS	INT STD	9.82	507.062 > 80.062	17932		9.391		na	97.9
34	PFDA	335-76-2	10.40	513.078 > 469.069	469	M7	0.130	6.70	YES	
35	M2PFDA	INT STD	10.40	515.063 > 470.061	46075		15.026		na	150.3
36	M6PFDA	INT STD	10.40	519.033 > 474.03	34883		8.771		na	87.7
37	8:2FTS	39108-34-4		527.177 > 507.171			ND		YES	
38	M2-8:2FTS	INT STD	10.39	529.162 > 509.155	5047		15.350		na	159.9
39	PFNS	68259-12-1		549.131 > 80.062			ND		YES	

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:29 Eastern Daylight Time

ID: L2237198-02
Name: I24235
Date: 31-Jul-2022
Time: 01:07:57
Description: WG1669313,WG1665978,ICAL19203
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:SG
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.80	573.22 > 419.061	6153		6.619		na	66.2
41	br-NMeFOSAA	2355-31-9		570.202 > 419.061			ND		YES	
42	L-NMeFOSAA	2355-31-9		570.202 > 419.061			ND		YES	
43	NMeFOSAA	2355-31-9		570.202 > 419.061	0		ND		na	
44	PFUnA	2058-94-8		563.086 > 519.076			ND		YES	
45	M7-PFUDA	INT STD	10.95	570.033 > 525.031	36176		9.010		na	90.1
46	PFDS	335-77-3		598.926 > 80.062			ND		YES	
47	FOSA	754-91-6		498.146 > 78.07			ND		YES	
48	M8FOSA	INT STD	10.89	506.077 > 78.07	8015		1.260		na	12.6
49	d5-NEtFOSAA	INT STD	11.09	589.259 > 419.061	8636		9.055		na	90.6
50	br-NEtFOSAA	2991-50-6		584.229 > 419.061			ND		YES	
51	L-NEtFOSAA	2991-50-6		584.229 > 419.061			ND		YES	
52	NEtFOSAA	2991-50-6		584.229 > 419.061	0		ND		na	
53	PFDoA	307-55-1		613.094 > 569.084			ND		YES	
54	MPFDOA	INT STD	11.43	615.079 > 570.077	36405		7.679		na	76.8
55	PFTrDA	72629-94-8		663.102 > 619.092			ND		YES	
56	PFTA	376-06-7		713.11 > 669.1			ND		YES	
57	M2PFTEDA	INT STD	12.21	715.094 > 670.092	20120		7.712		na	77.1

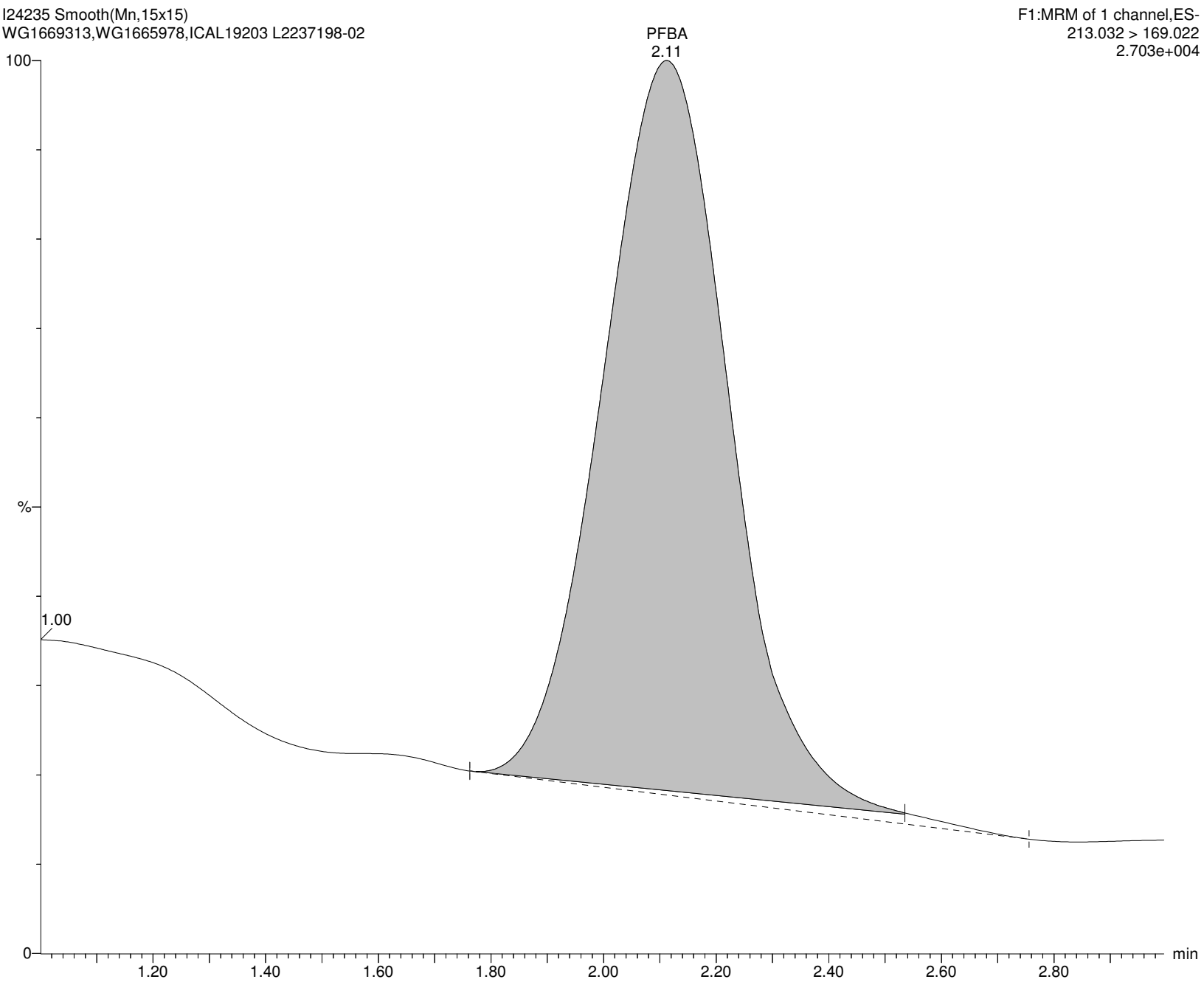
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:29 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220730_537ISO.PRO\MethDB\537ISO_Q_220725_RT.mdb 29 Jul 2022 09:44:29
Calibration: C:\MassLynx\Data\2022\220730_537ISO.PRO\CurveDB\220725_ICAL.cdb 26 Jul 2022 09:37:13

Name: I24235
ID: L2237198-02
Date: 31-Jul-2022
Time: 01:07:57
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFBA

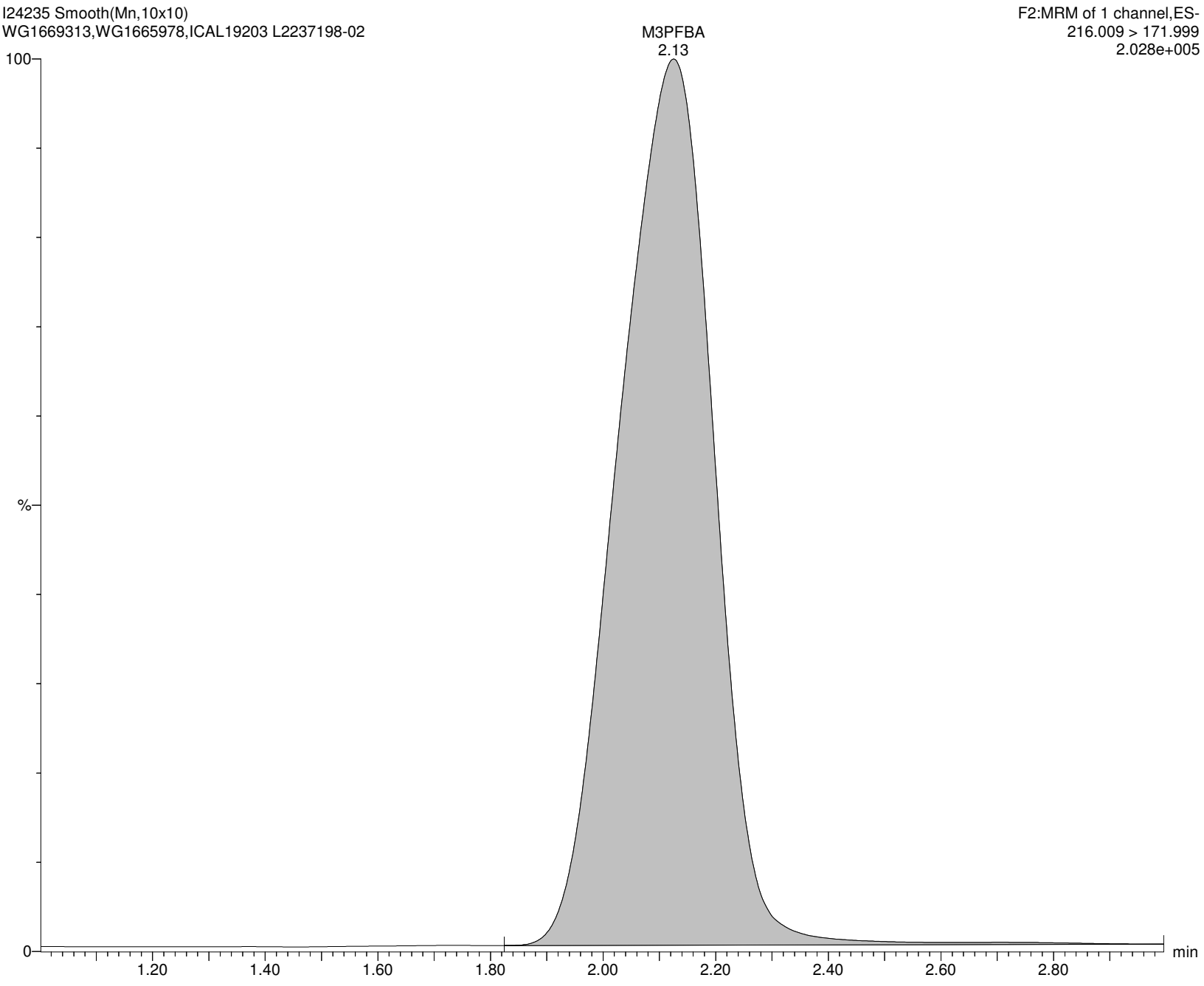


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:29 Eastern Daylight Time

Name: I24235
ID: L2237198-02
Date: 31-Jul-2022
Time: 01:07:57
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M3PFBA

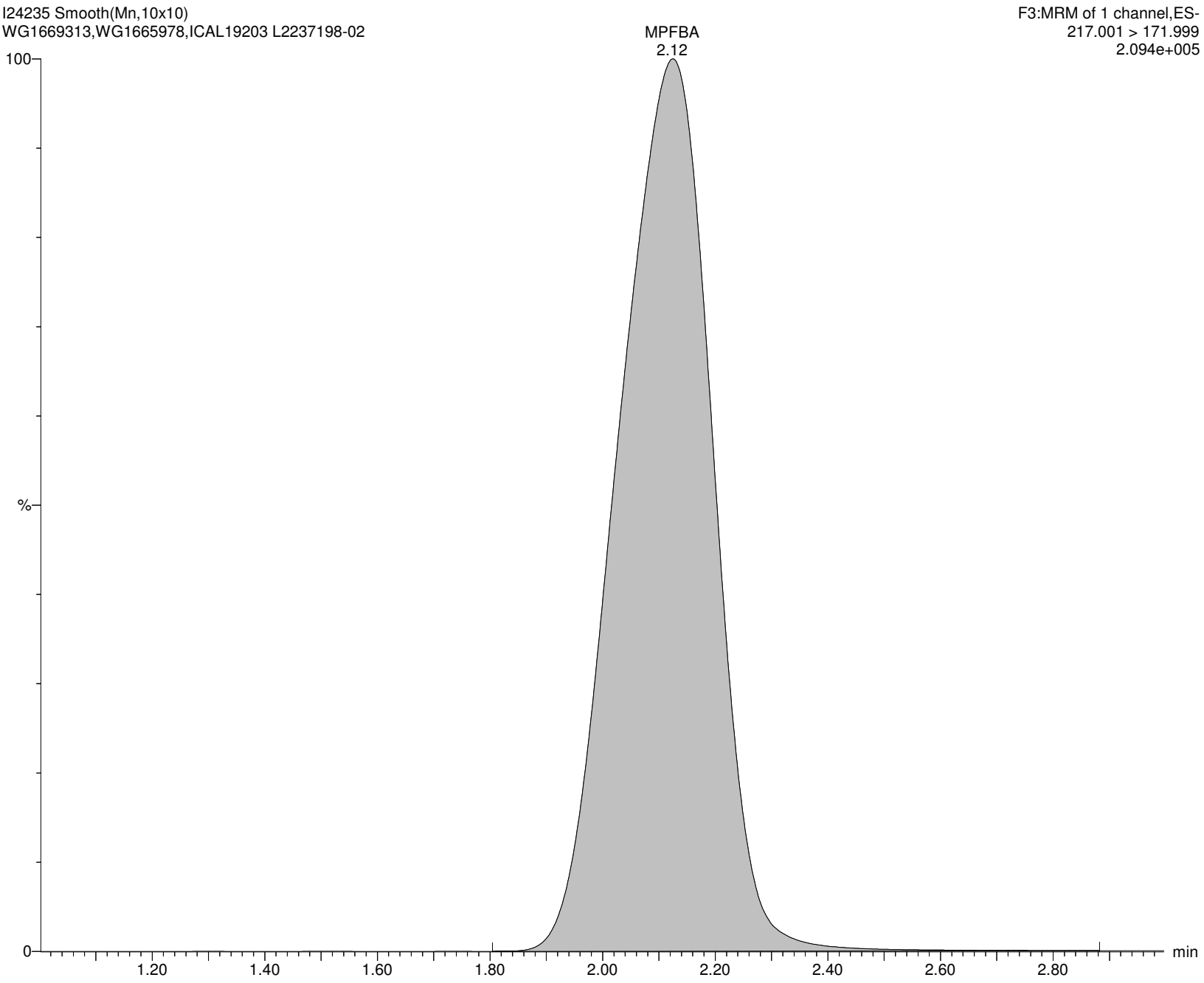


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:29 Eastern Daylight Time

Name: I24235
ID: L2237198-02
Date: 31-Jul-2022
Time: 01:07:57
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

MPFBA

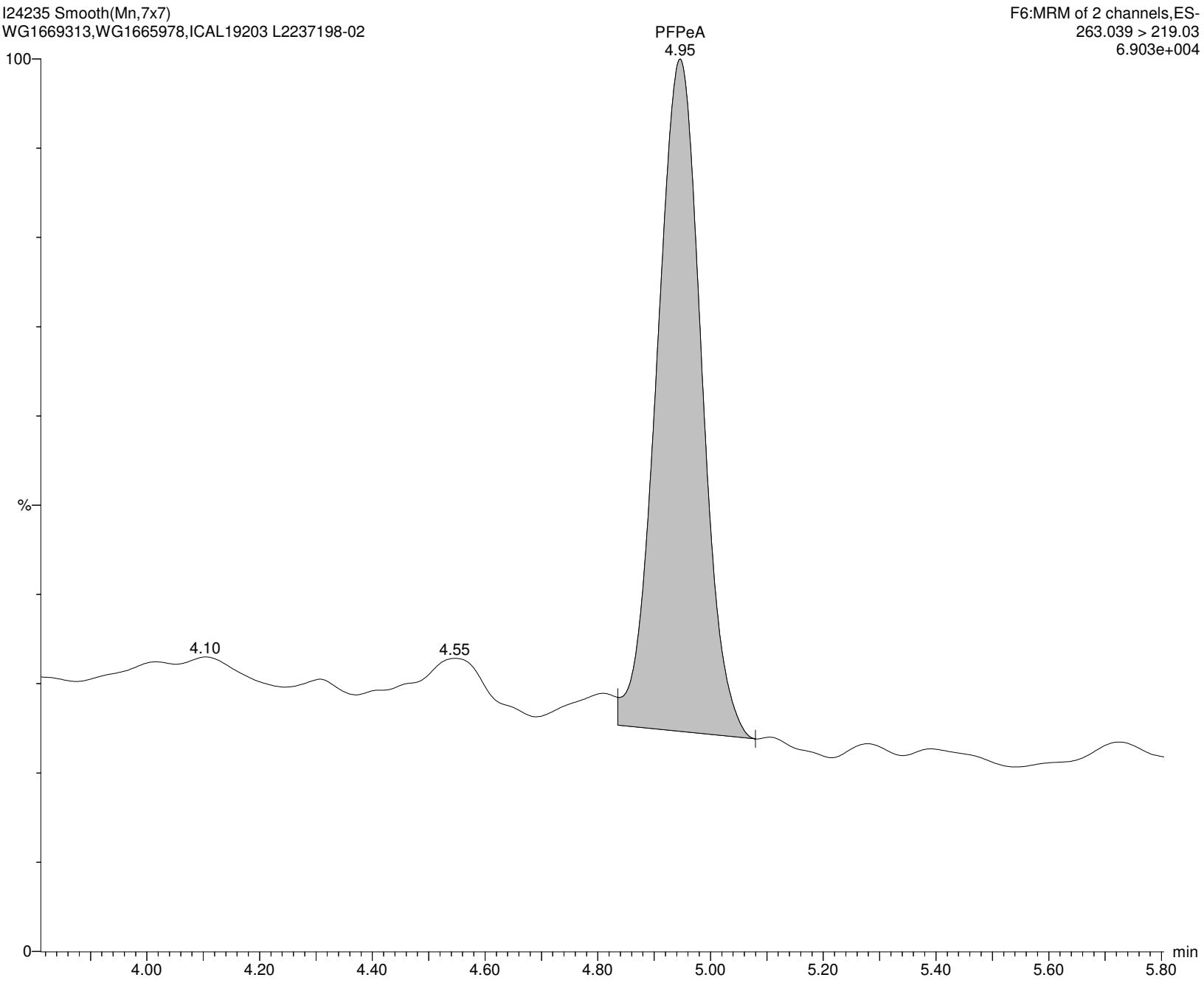


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:29 Eastern Daylight Time

Name: I24235
ID: L2237198-02
Date: 31-Jul-2022
Time: 01:07:57
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFPeA

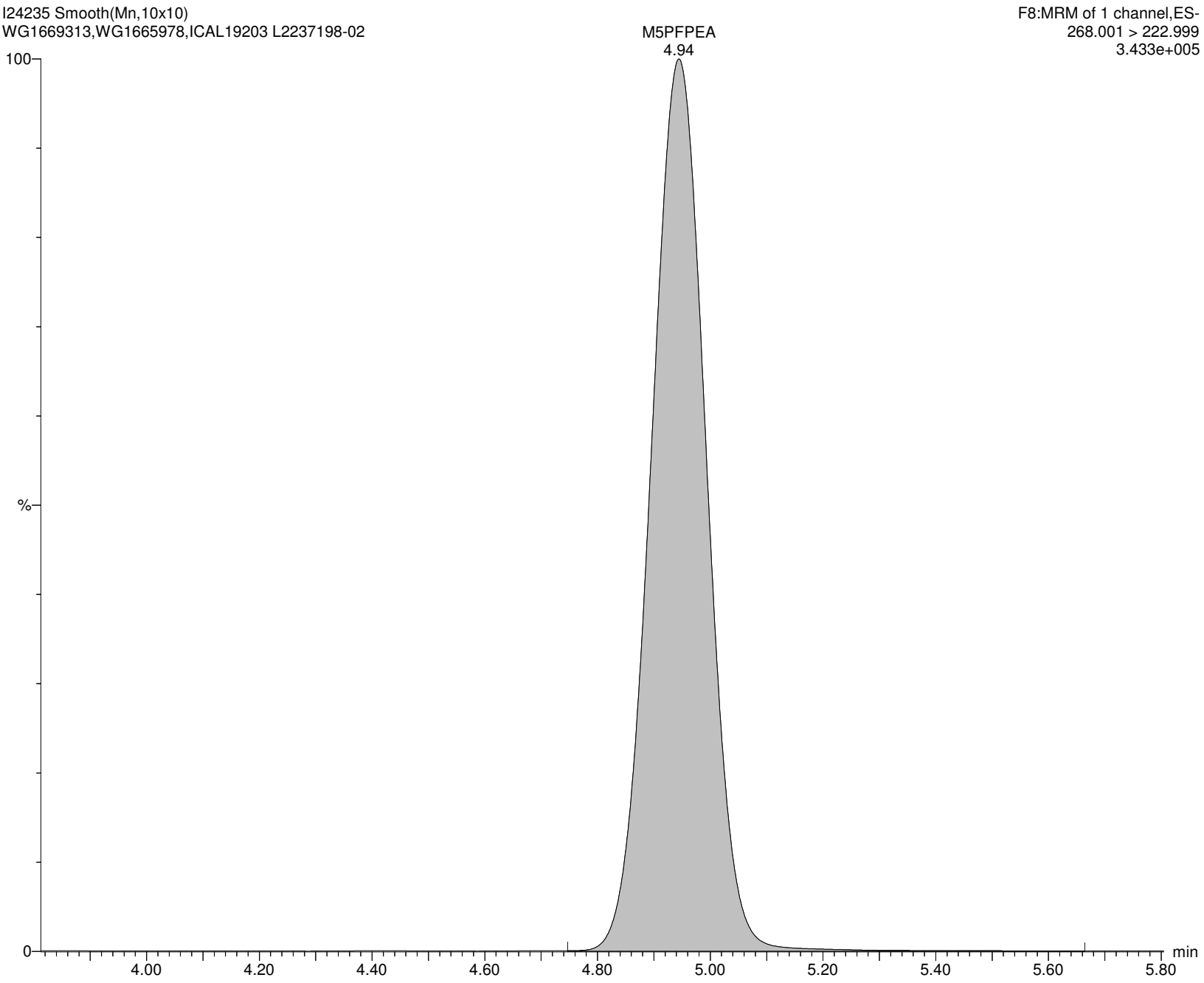


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:29 Eastern Daylight Time

Name: I24235
ID: L2237198-02
Date: 31-Jul-2022
Time: 01:07:57
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M5PFPEA

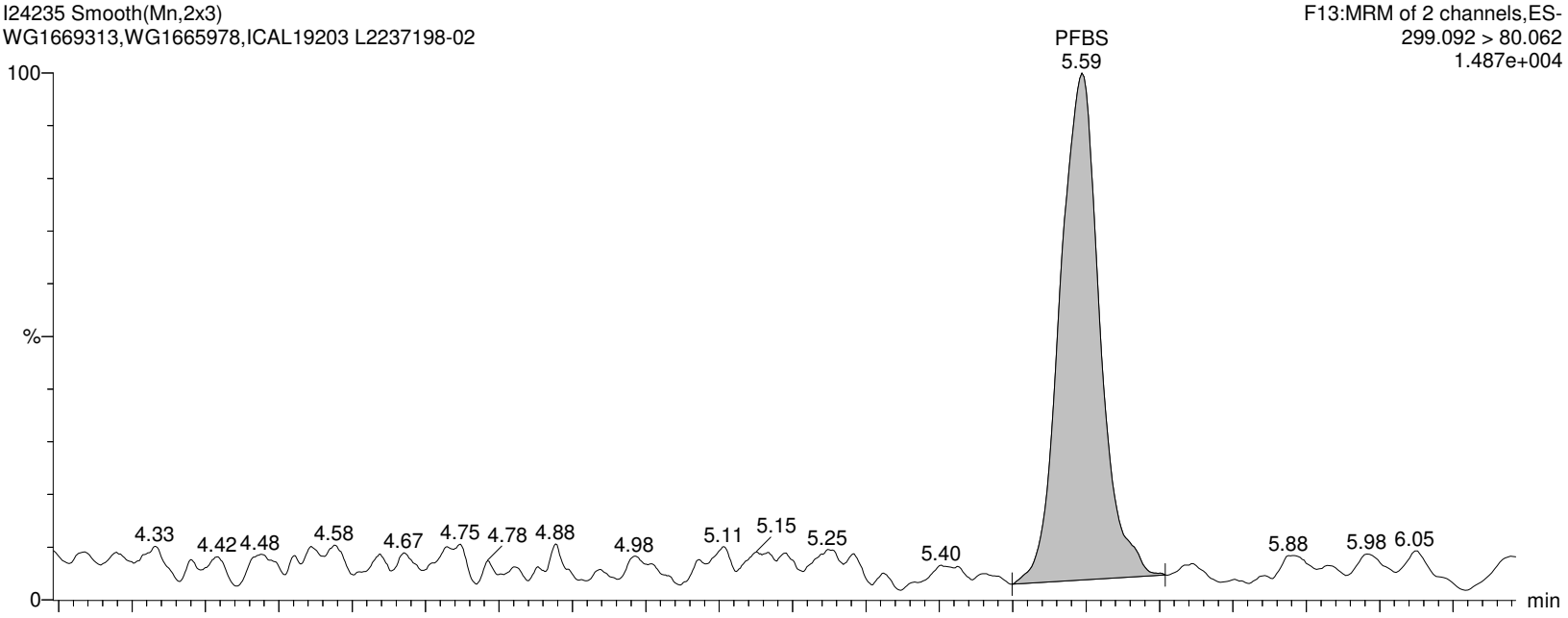


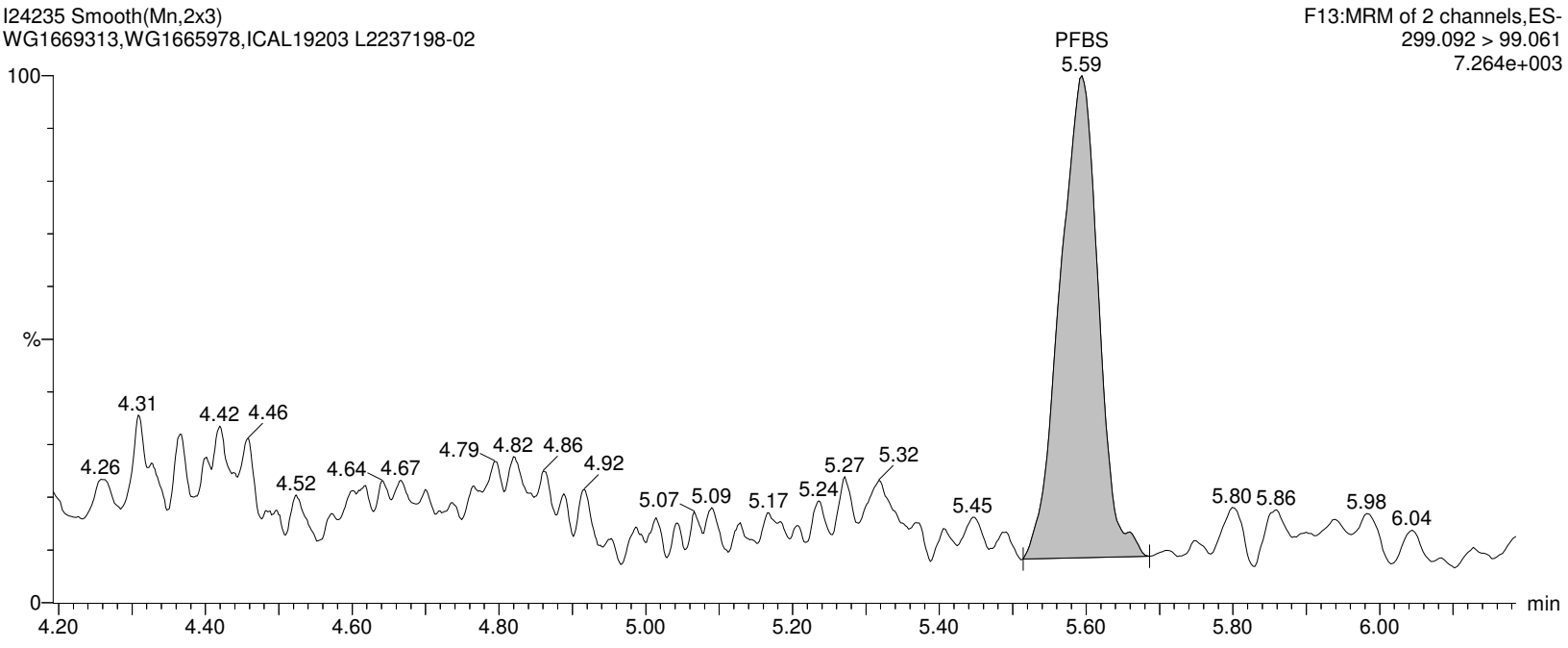
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:29 Eastern Daylight Time

Name: I24235
ID: L2237198-02
Date: 31-Jul-2022
Time: 01:07:57
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFBS



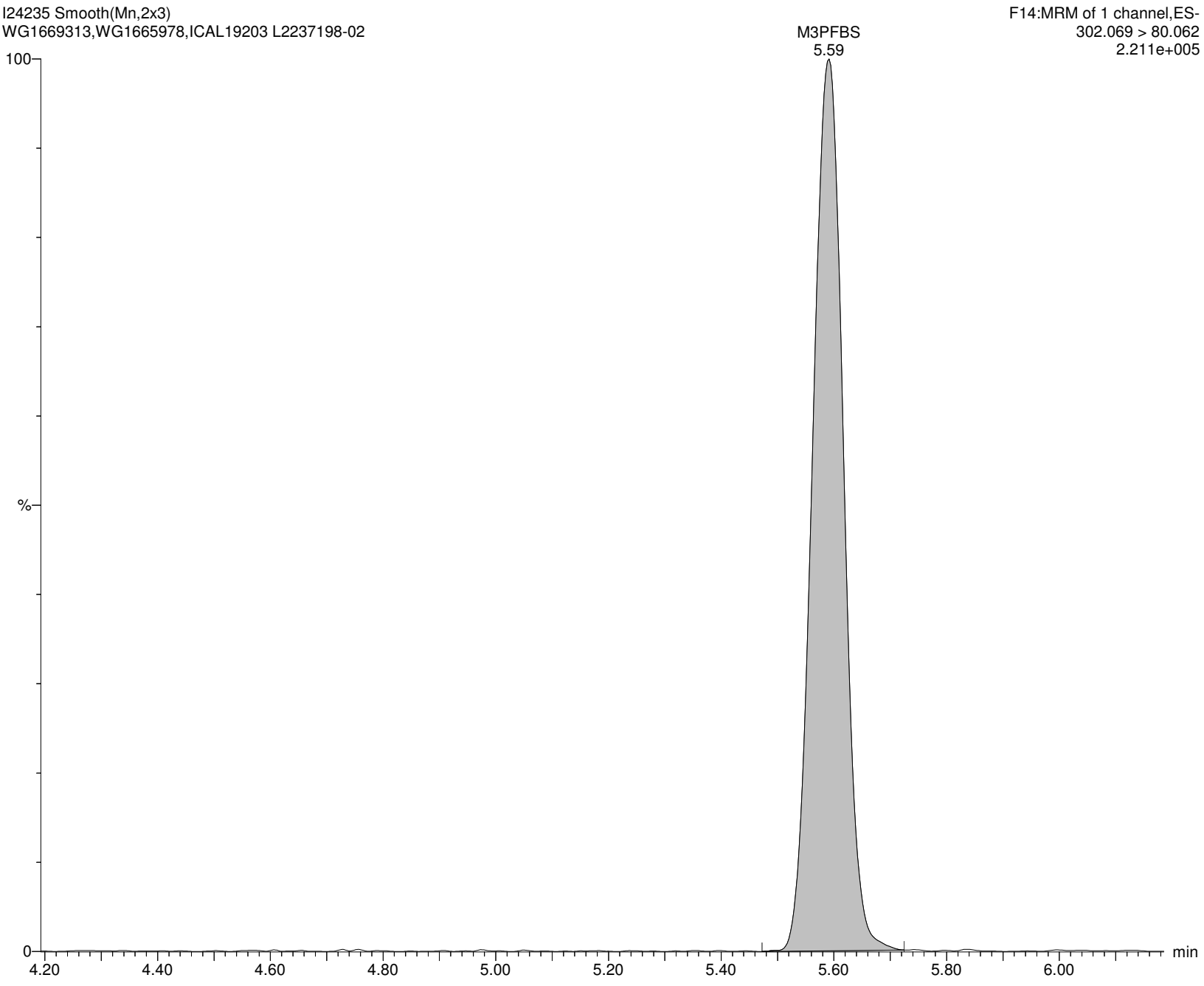


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:29 Eastern Daylight Time

Name: I24235
ID: L2237198-02
Date: 31-Jul-2022
Time: 01:07:57
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M3PFBS

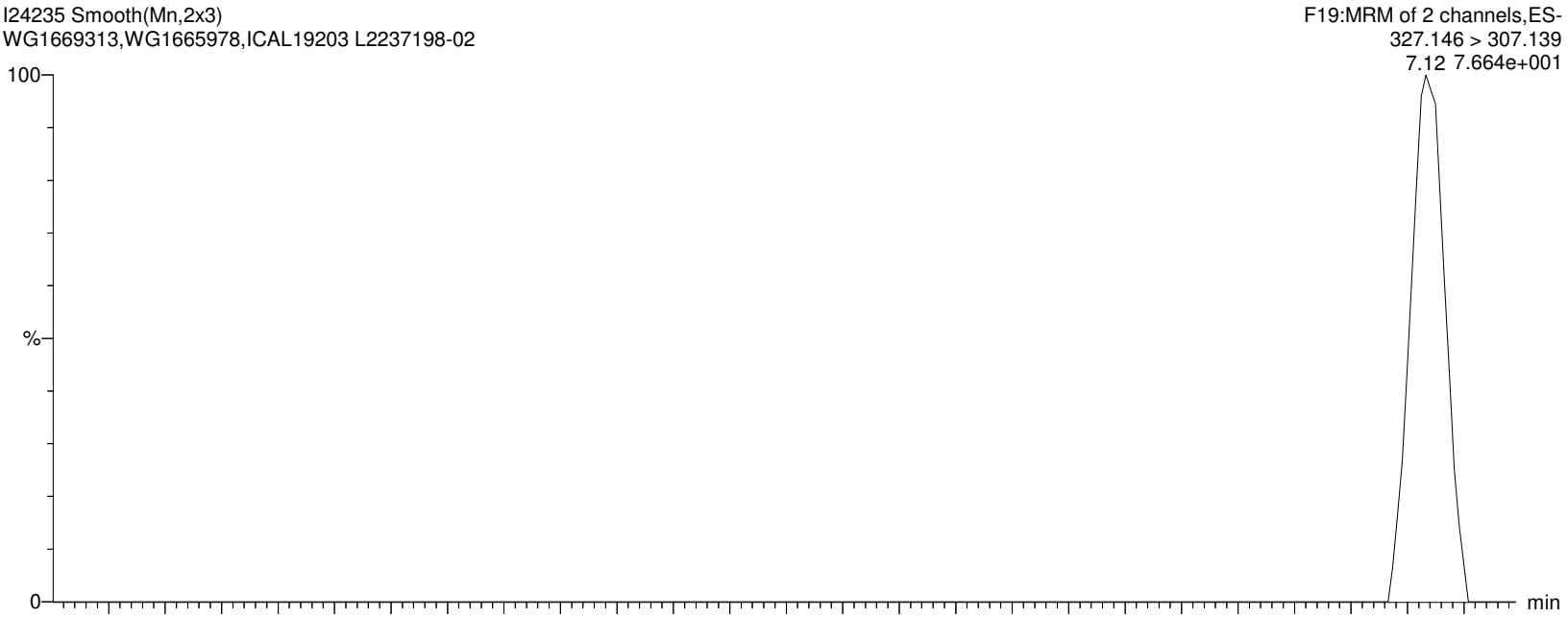


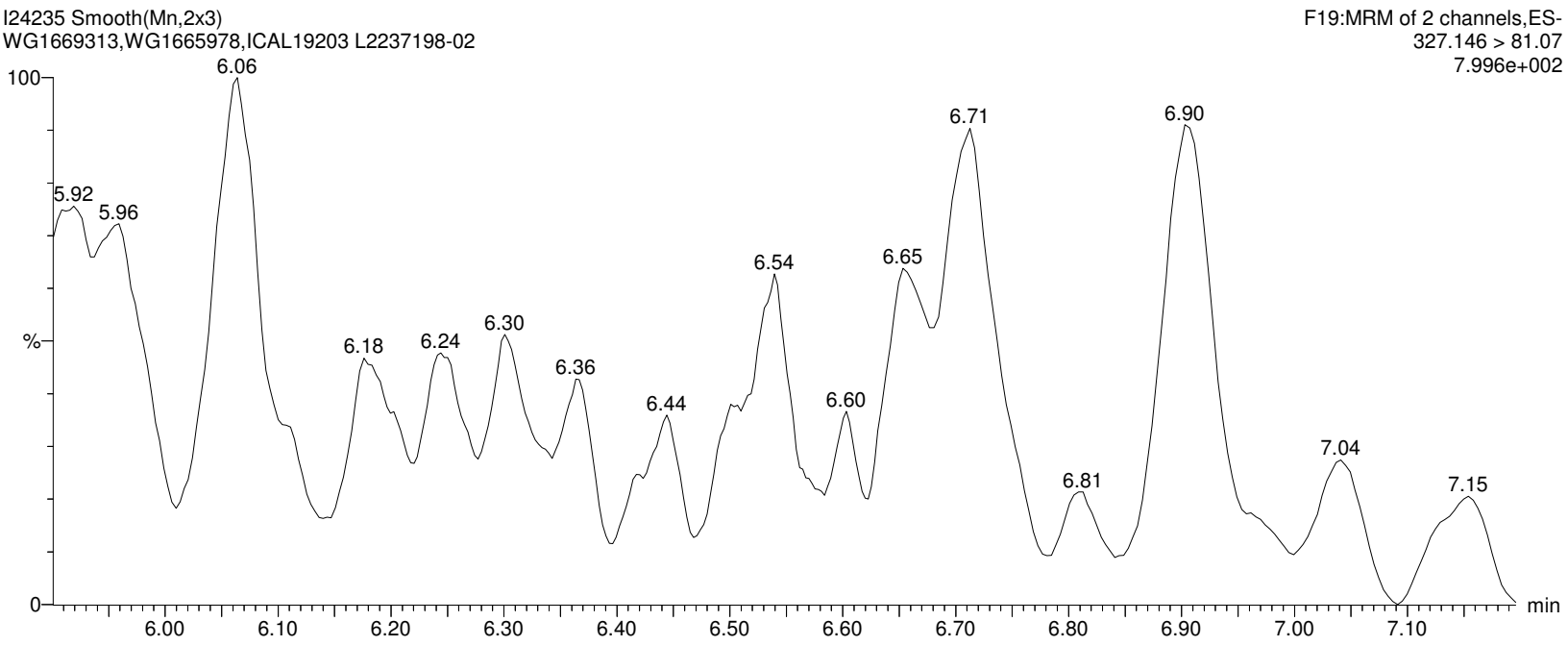
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:29 Eastern Daylight Time

Name: I24235
ID: L2237198-02
Date: 31-Jul-2022
Time: 01:07:57
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

4:2FTS



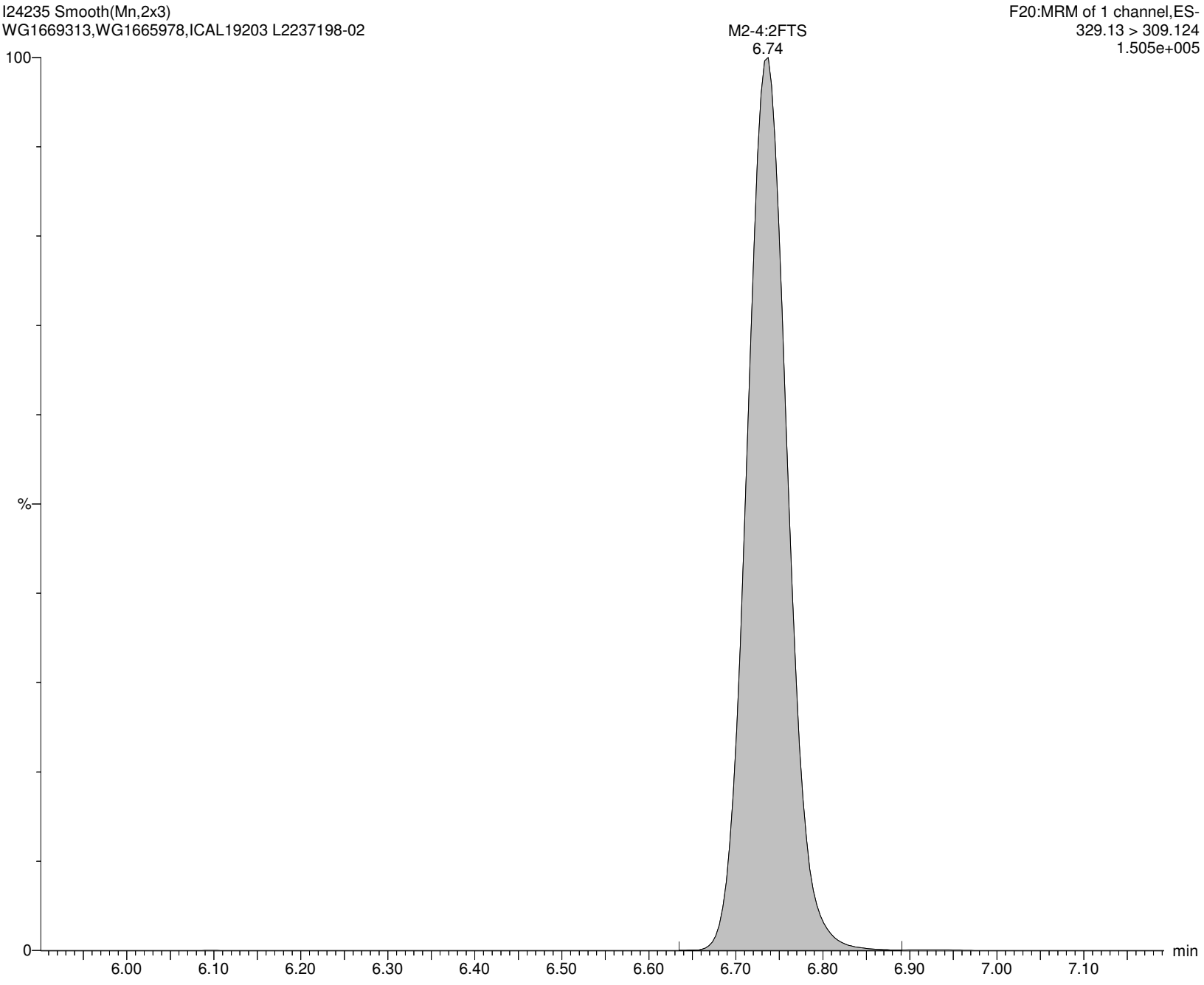


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:29 Eastern Daylight Time

Name: I24235
ID: L2237198-02
Date: 31-Jul-2022
Time: 01:07:57
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2-4:2FTS

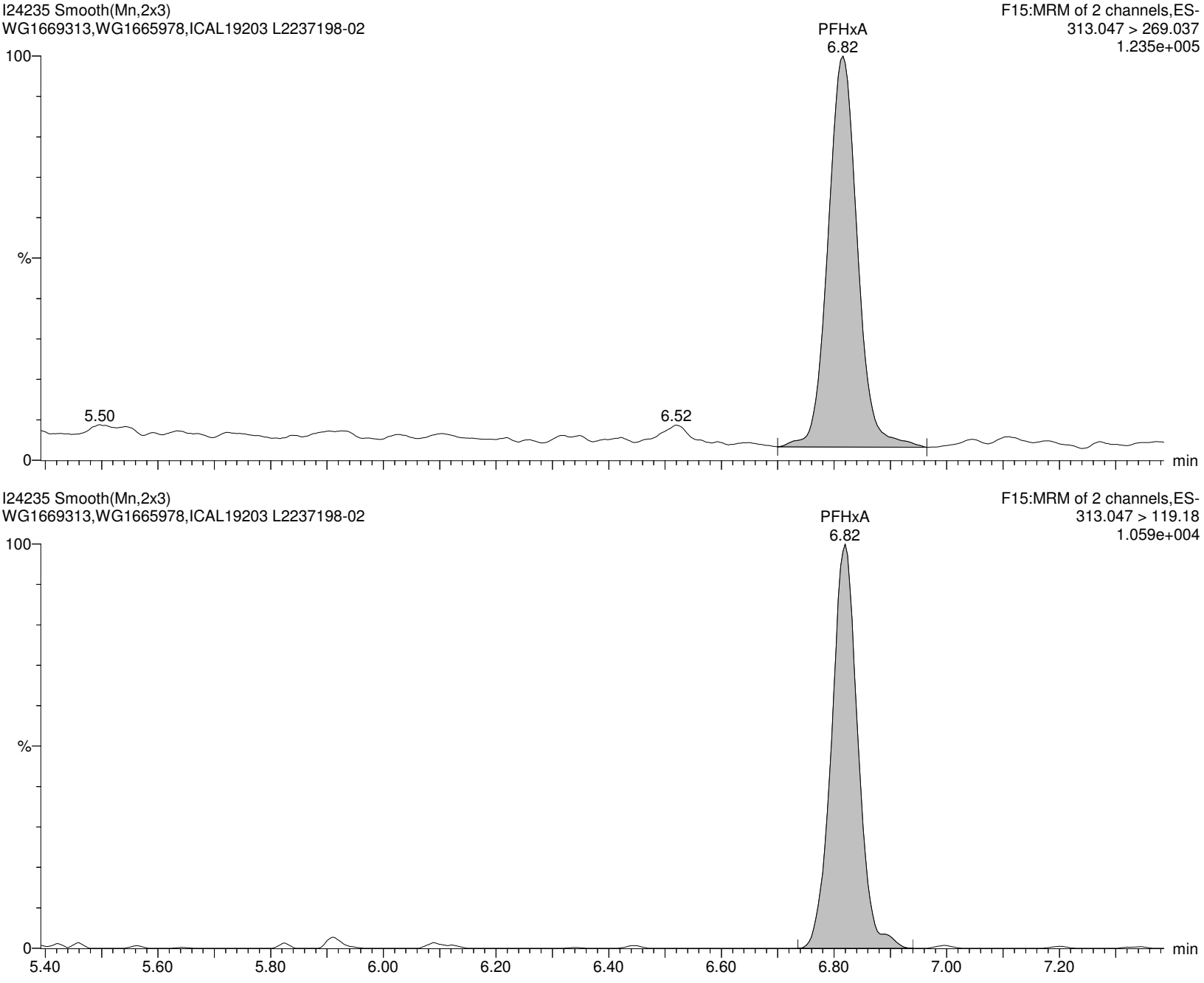


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:29 Eastern Daylight Time

Name: I24235
ID: L2237198-02
Date: 31-Jul-2022
Time: 01:07:57
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFHxA

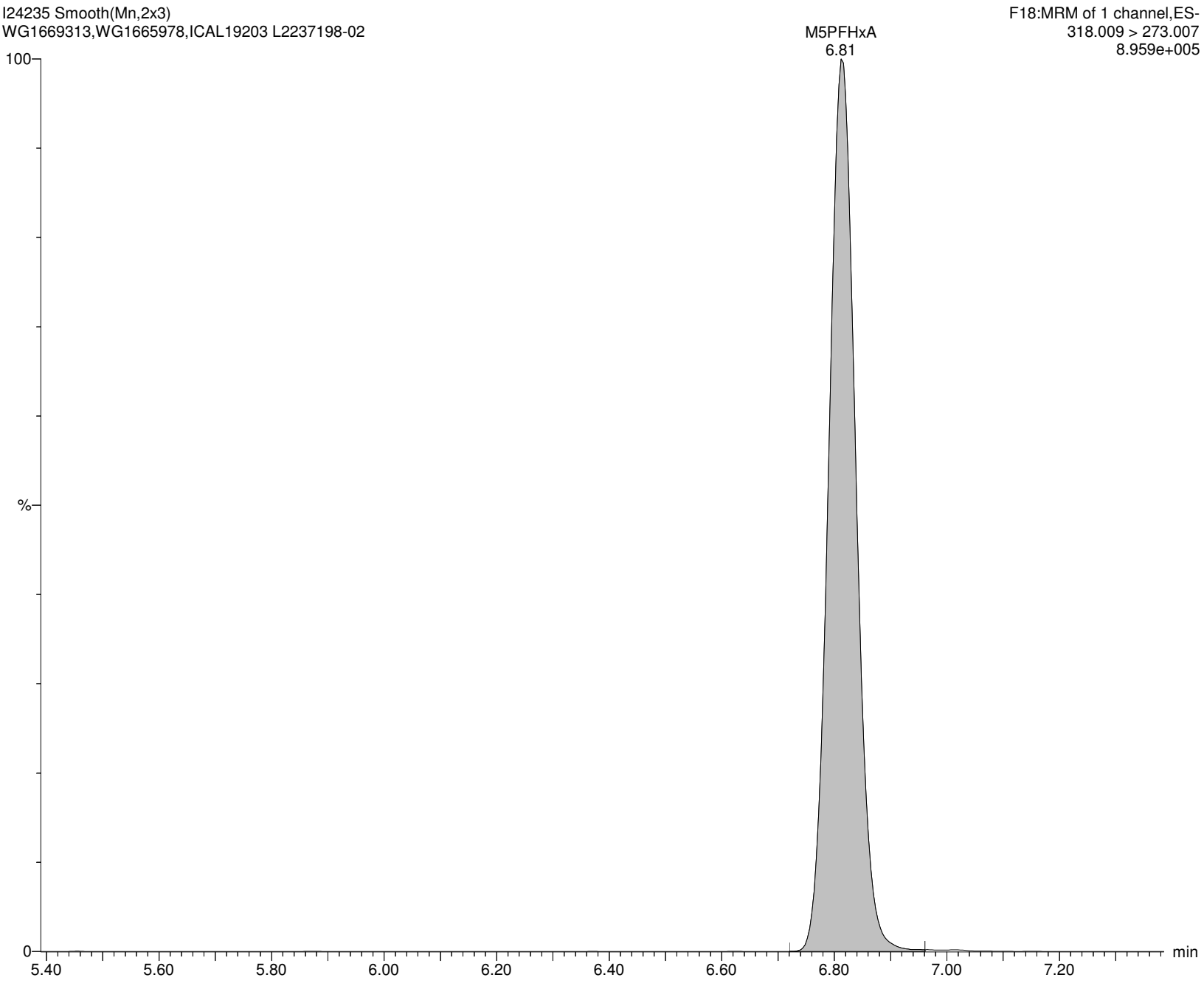


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:29 Eastern Daylight Time

Name: I24235
ID: L2237198-02
Date: 31-Jul-2022
Time: 01:07:57
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M5PFHxA

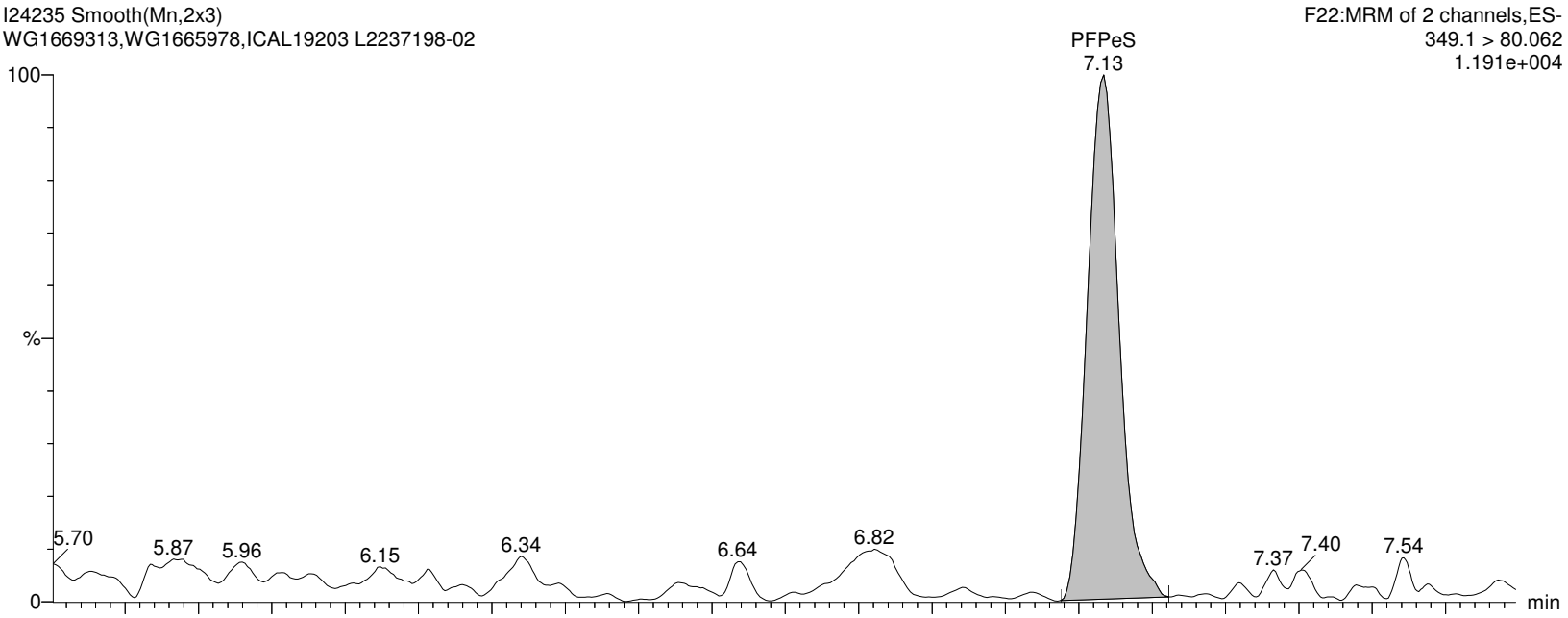


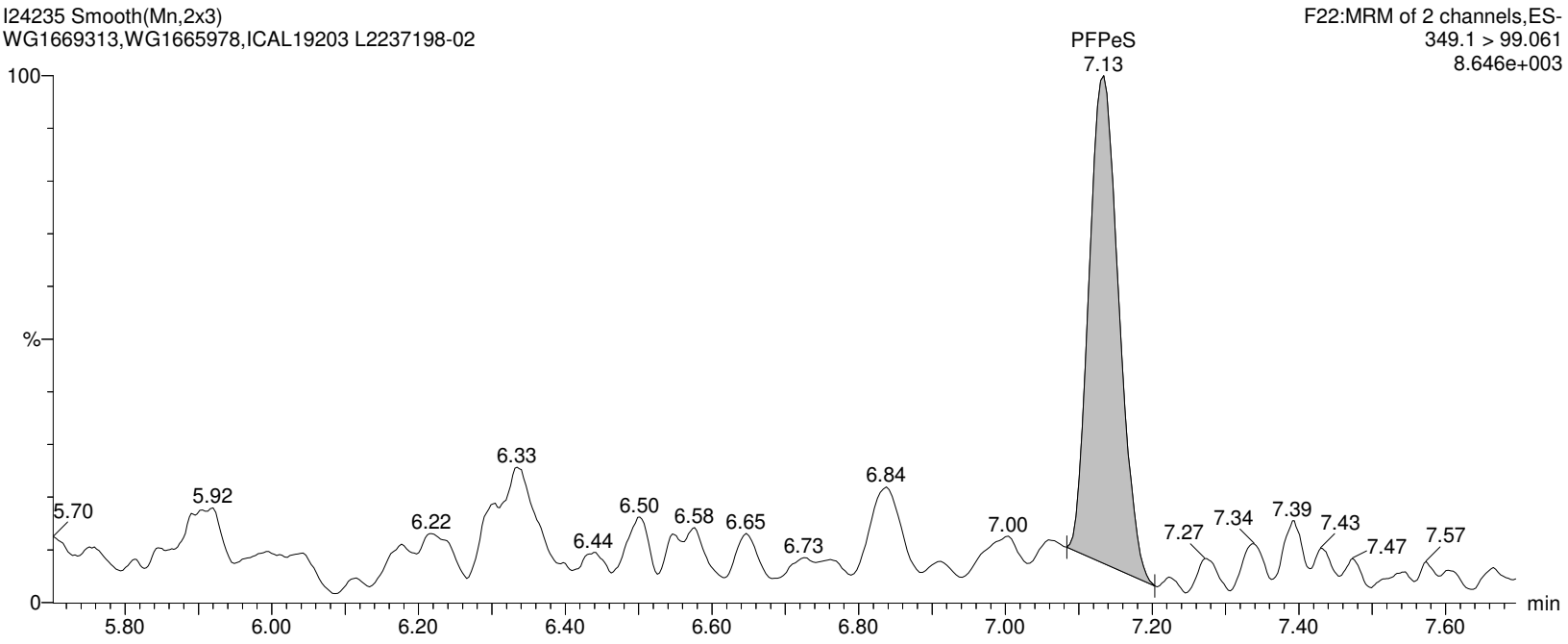
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:29 Eastern Daylight Time

Name: I24235
ID: L2237198-02
Date: 31-Jul-2022
Time: 01:07:57
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFPeS



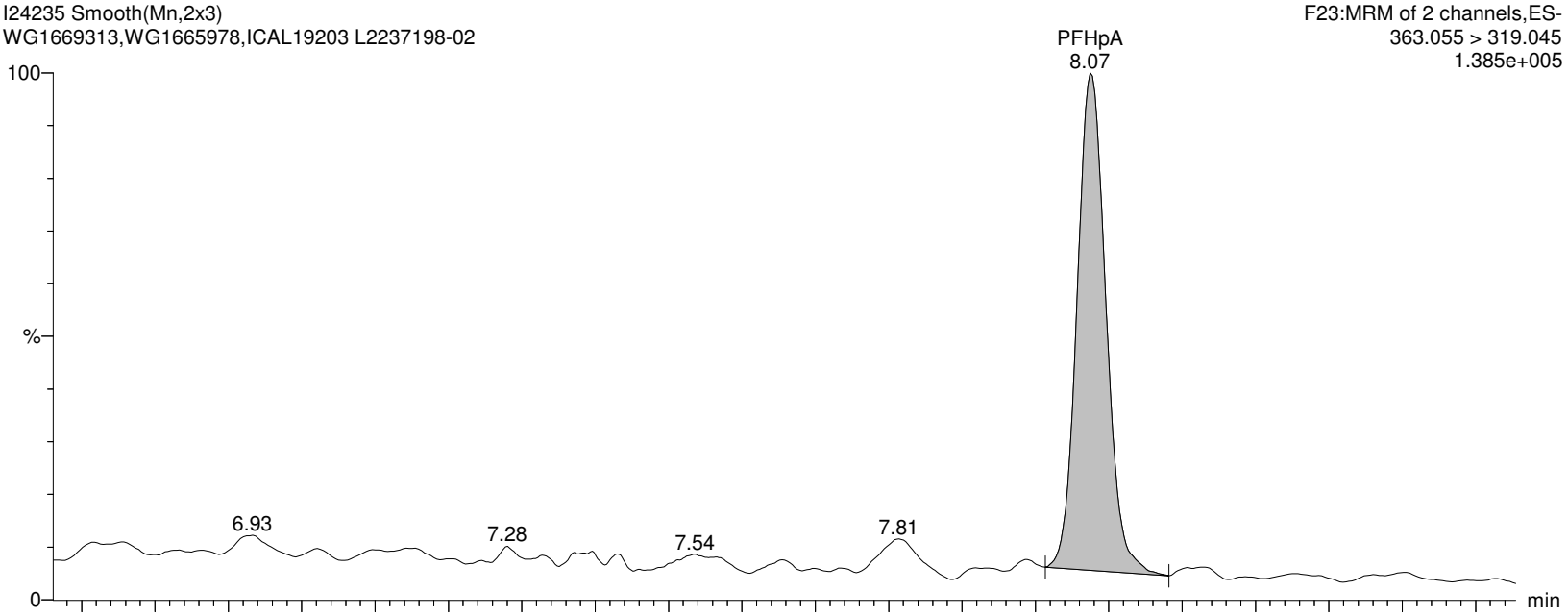


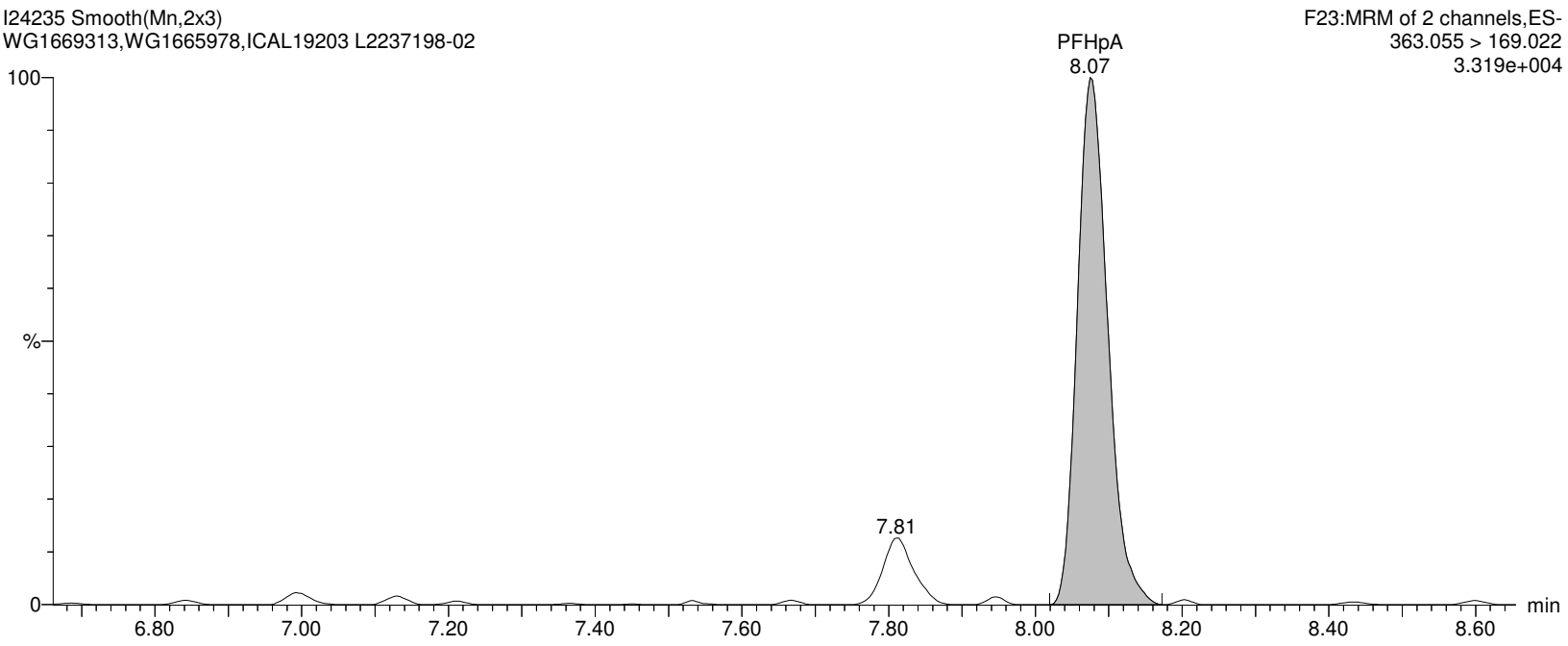
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:29 Eastern Daylight Time

Name: I24235
ID: L2237198-02
Date: 31-Jul-2022
Time: 01:07:57
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFHpA



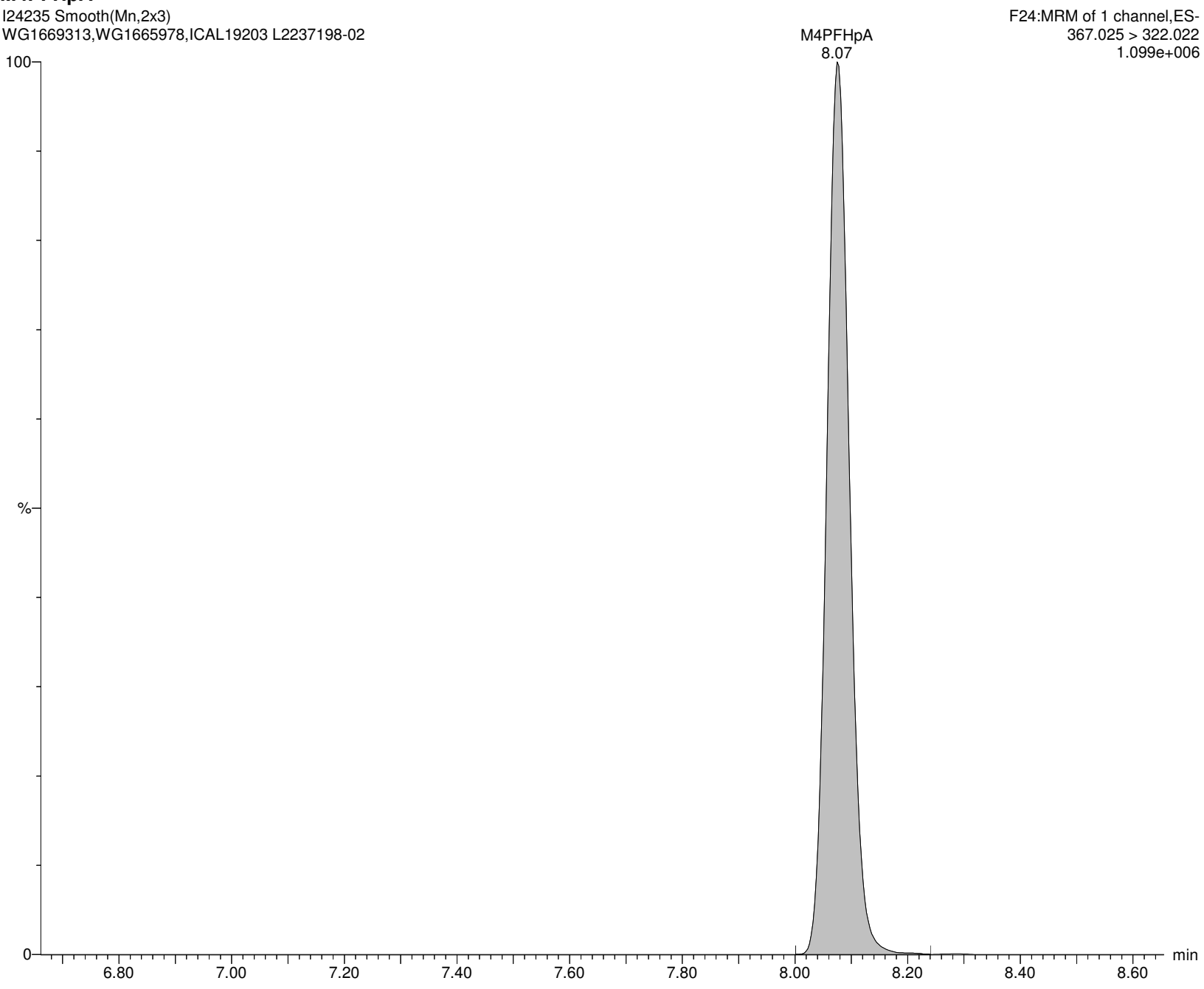


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:29 Eastern Daylight Time

Name: I24235
ID: L2237198-02
Date: 31-Jul-2022
Time: 01:07:57
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M4PFHpA

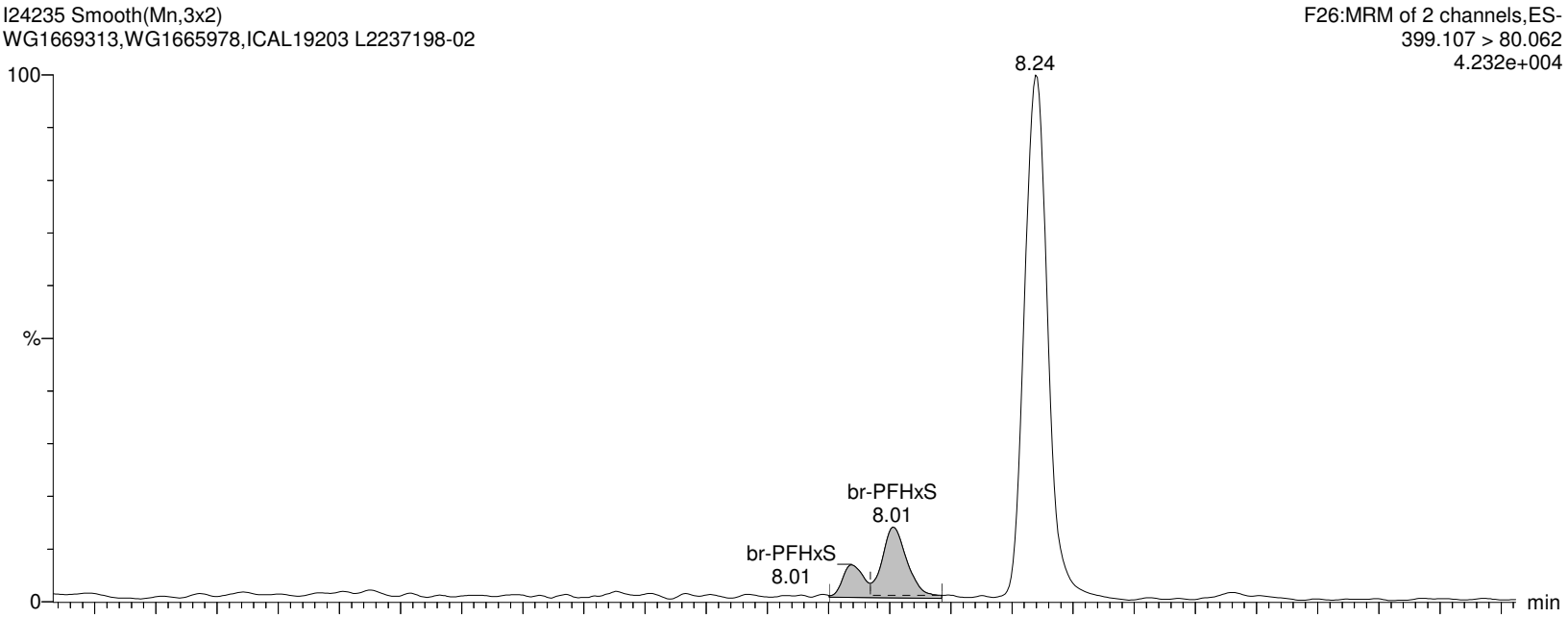


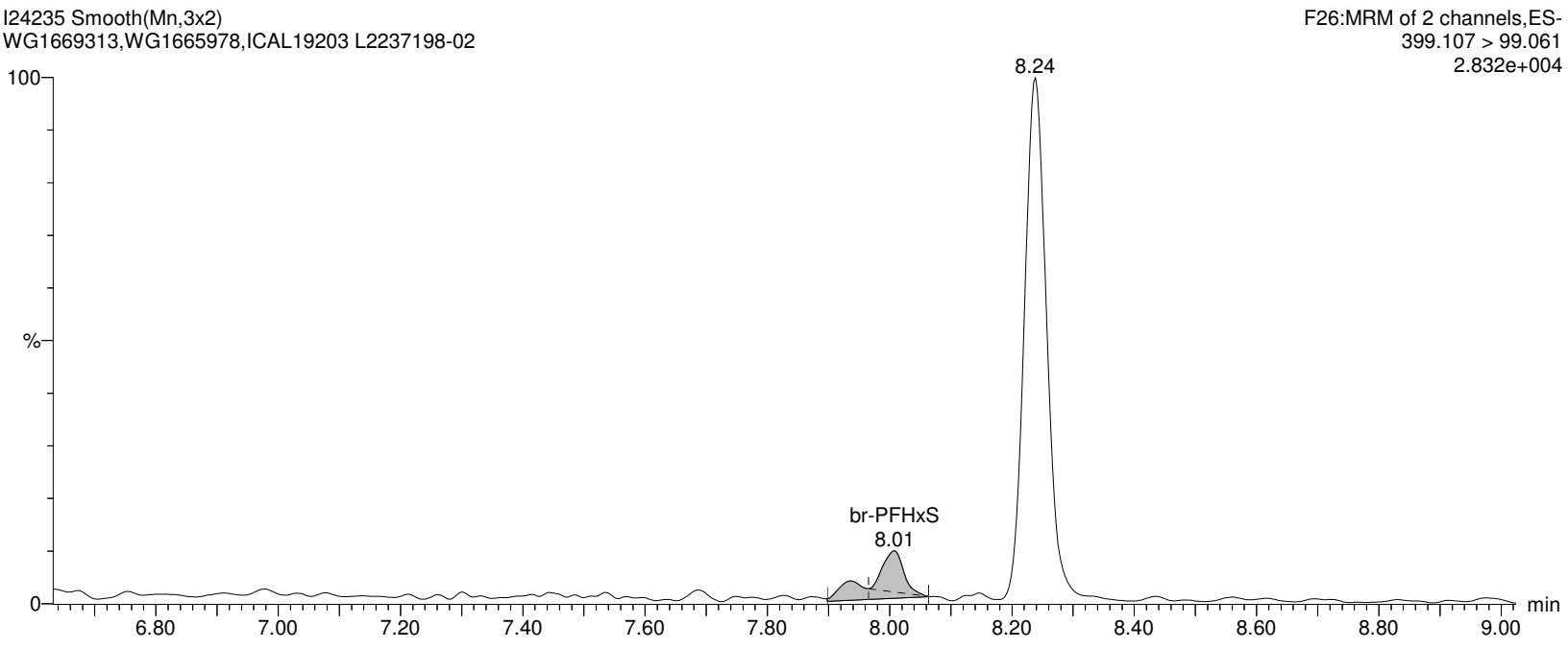
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:29 Eastern Daylight Time

Name: I24235
ID: L2237198-02
Date: 31-Jul-2022
Time: 01:07:57
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

br-PFHxS



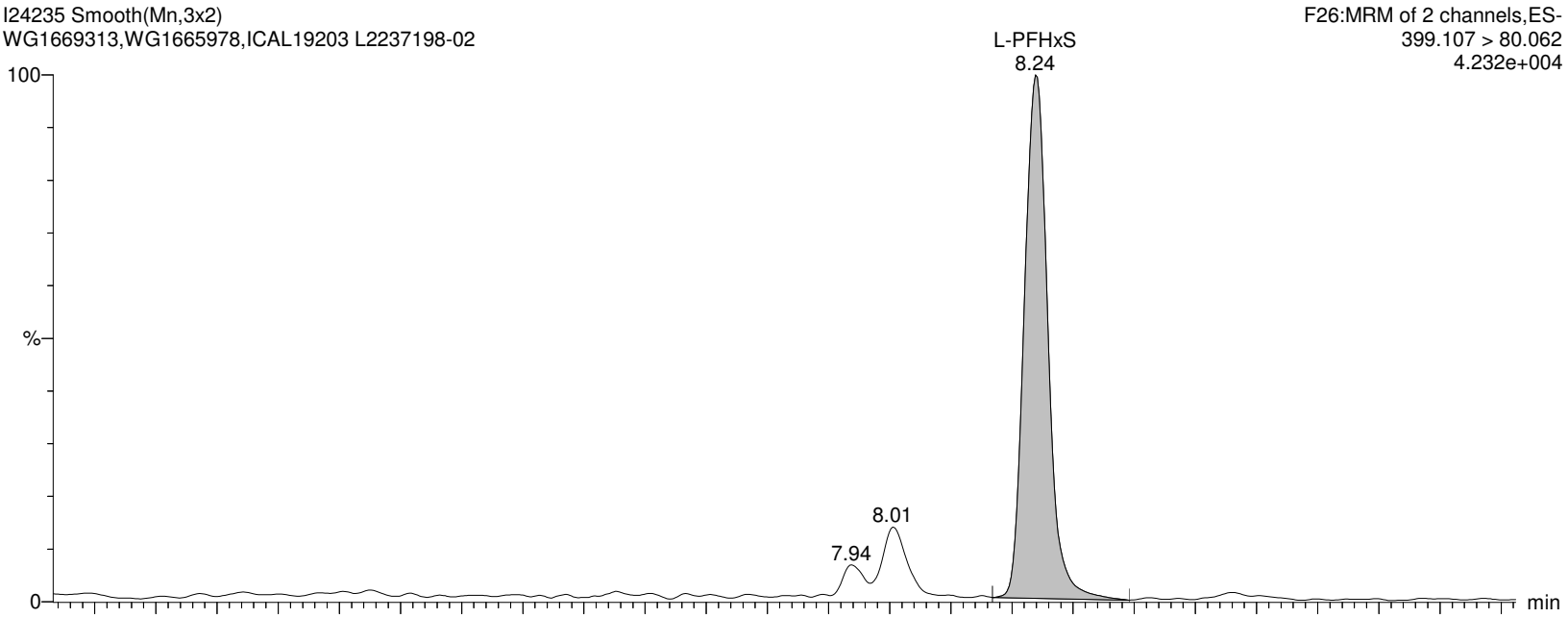


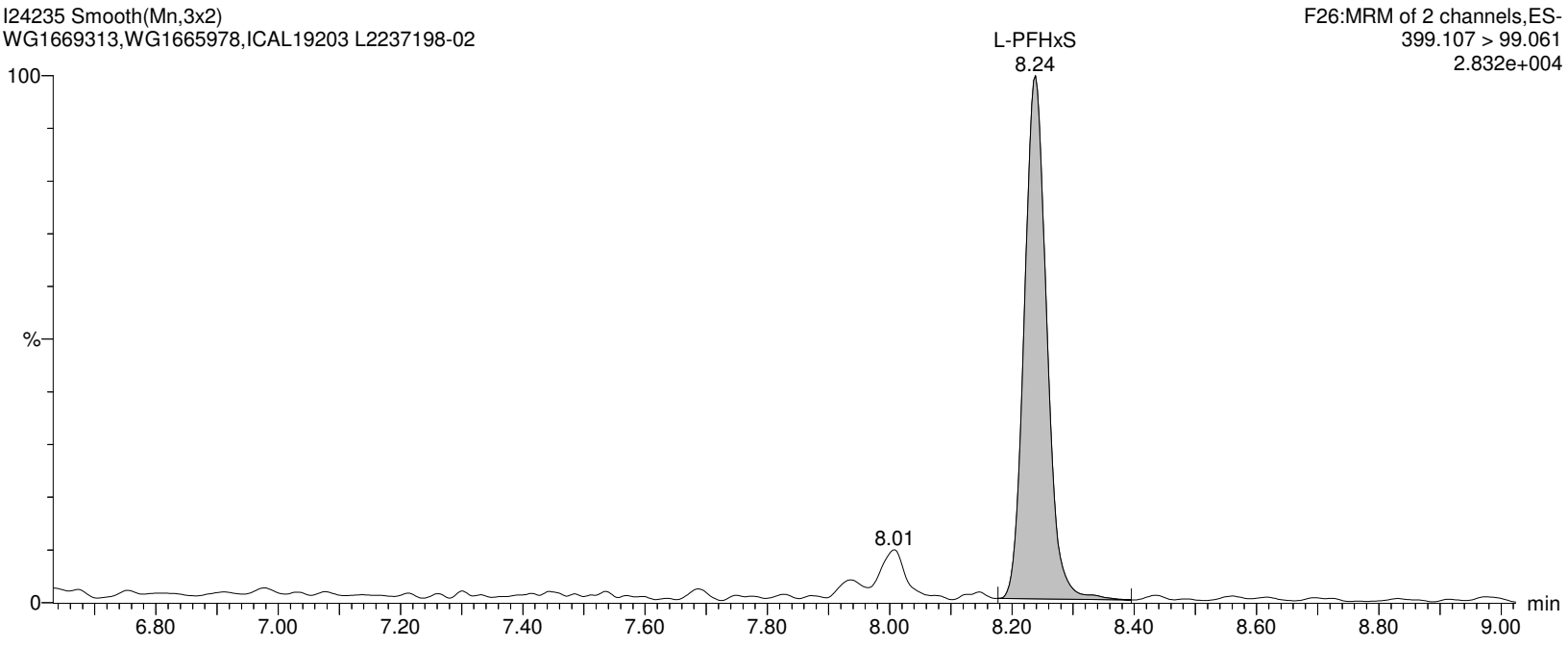
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:29 Eastern Daylight Time

Name: I24235
ID: L2237198-02
Date: 31-Jul-2022
Time: 01:07:57
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

L-PFHxS



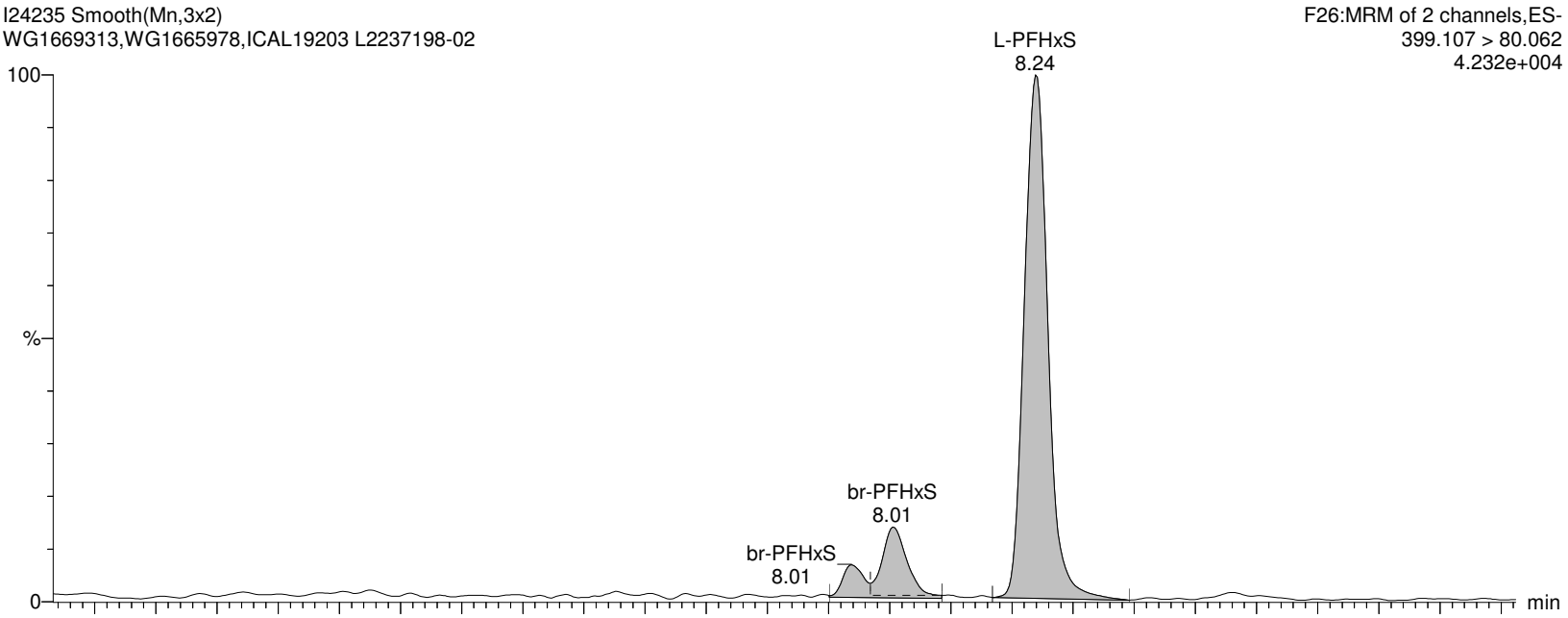


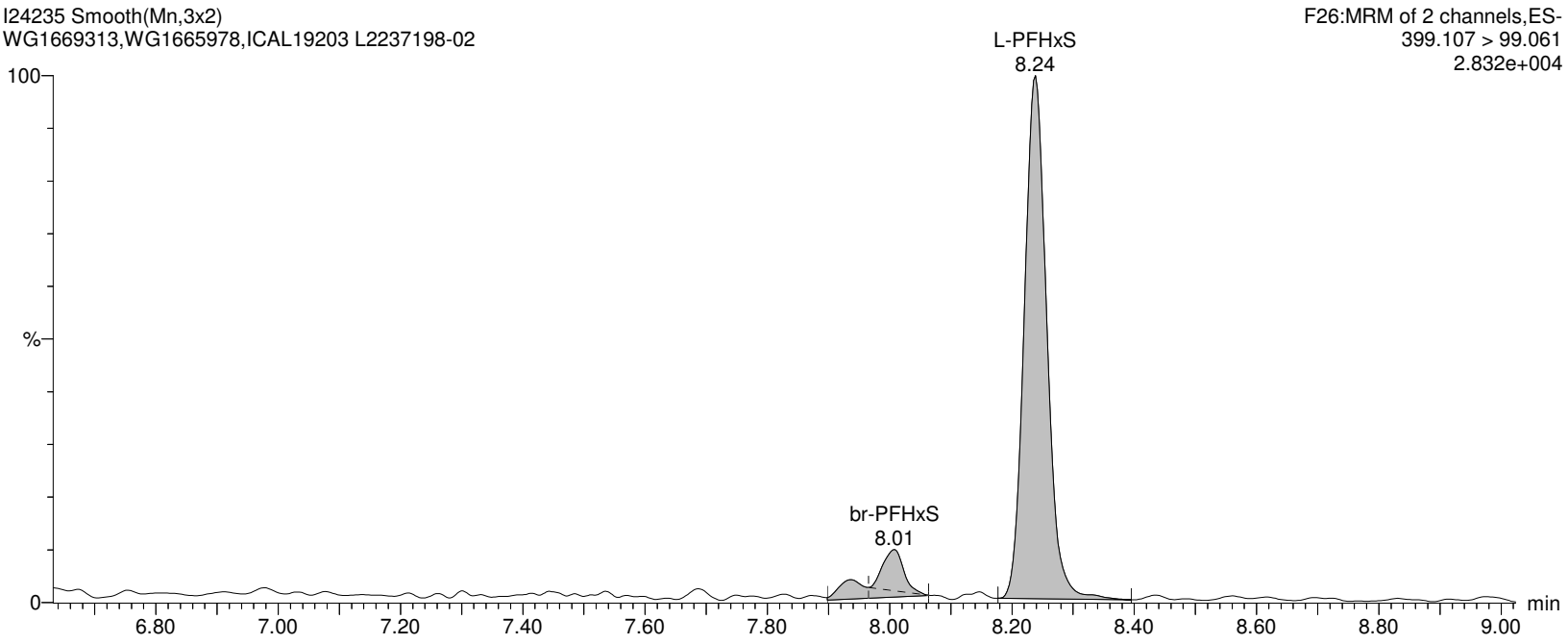
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:29 Eastern Daylight Time

Name: I24235
ID: L2237198-02
Date: 31-Jul-2022
Time: 01:07:57
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFHxS



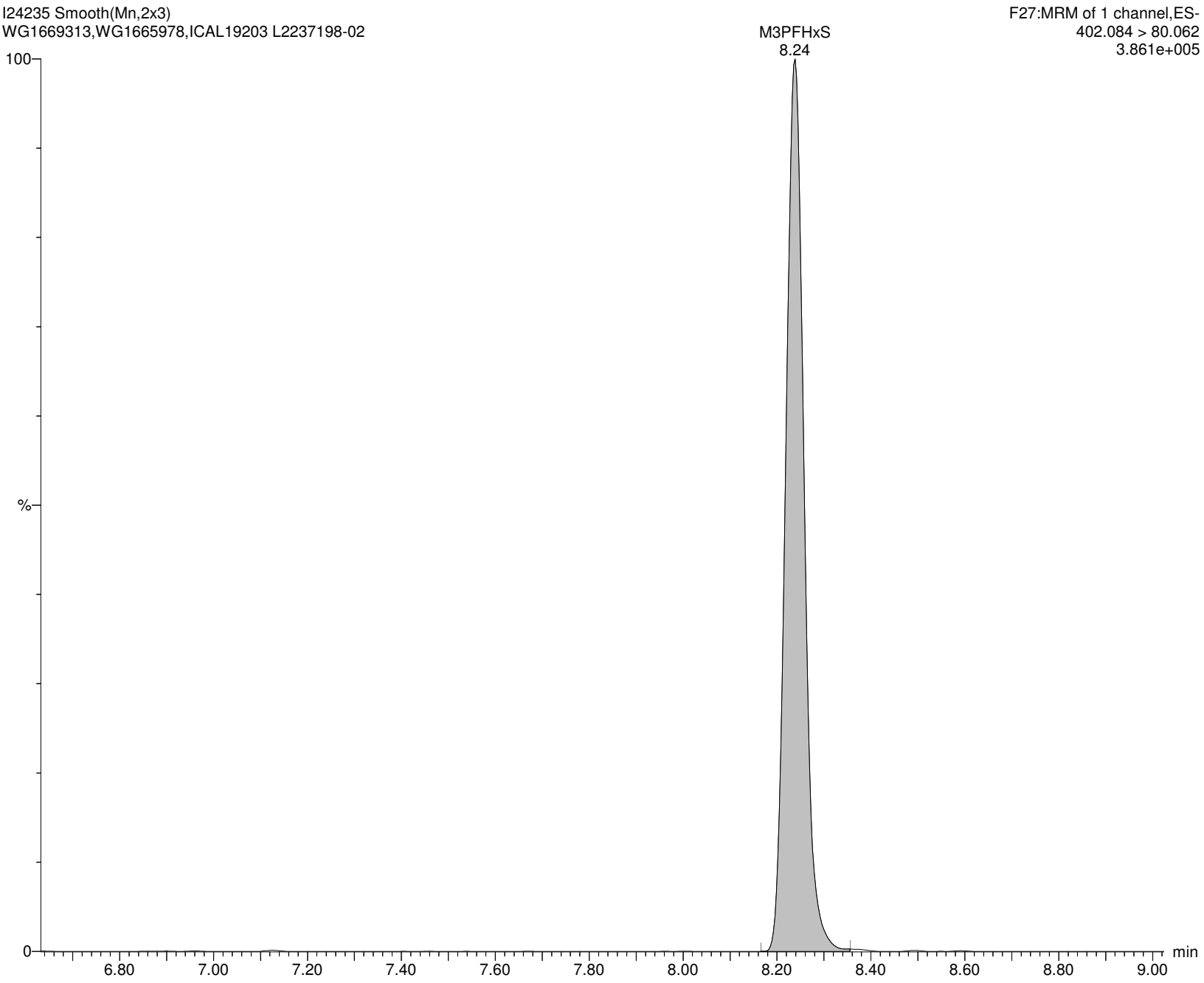


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:29 Eastern Daylight Time

Name: I24235
ID: L2237198-02
Date: 31-Jul-2022
Time: 01:07:57
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M3PFHxS

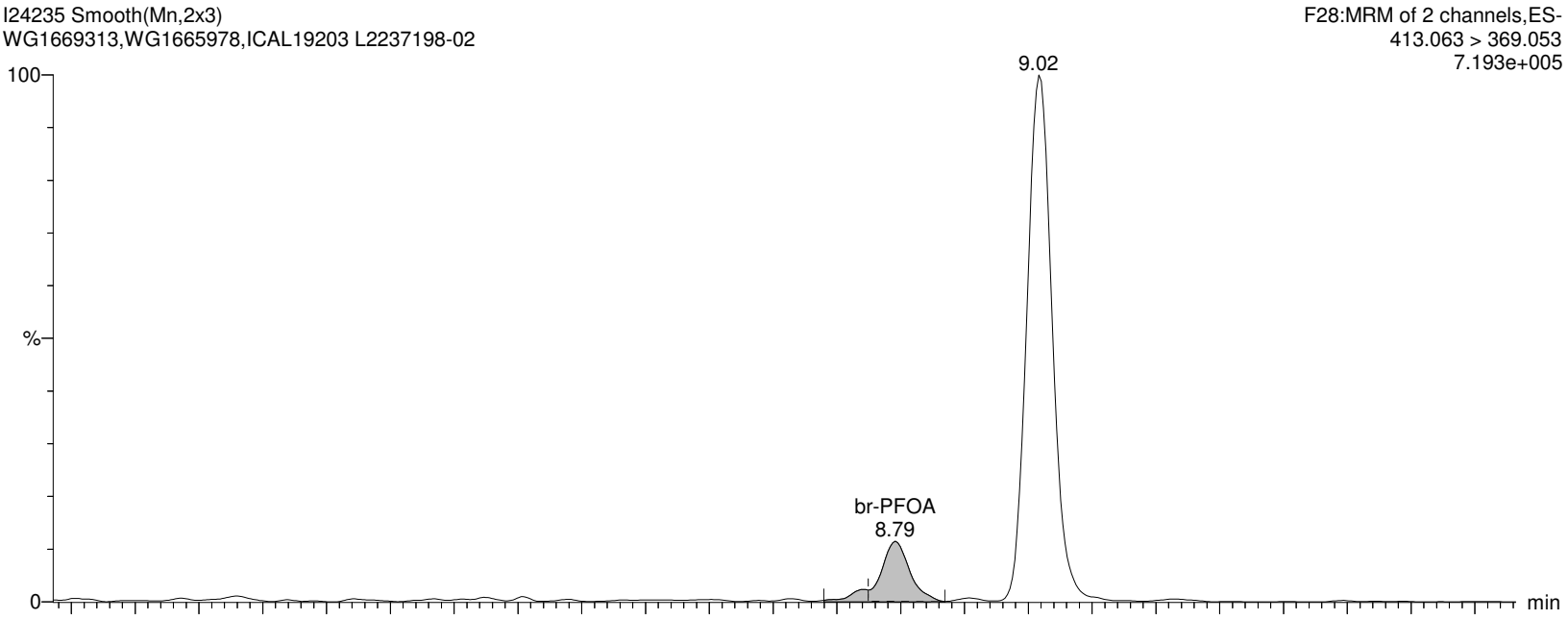


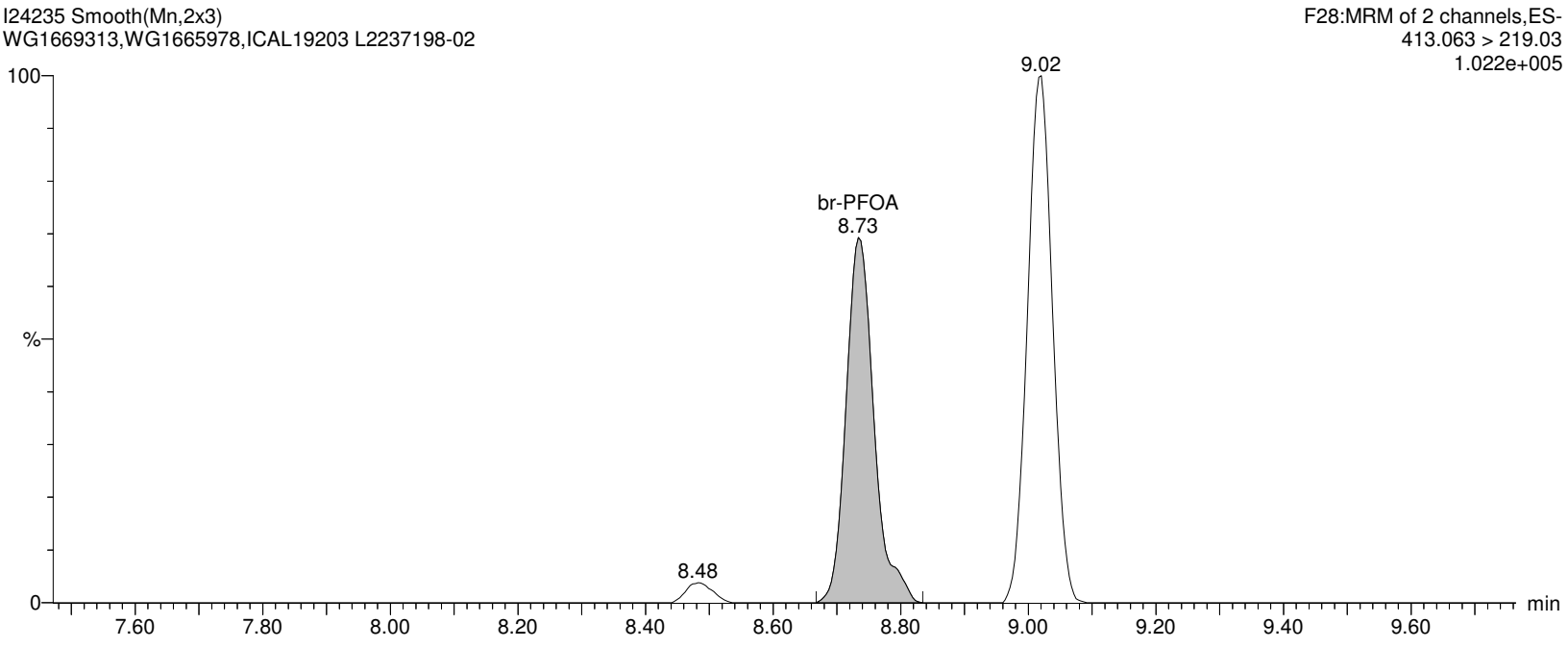
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:29 Eastern Daylight Time

Name: I24235
ID: L2237198-02
Date: 31-Jul-2022
Time: 01:07:57
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

br-PFOA



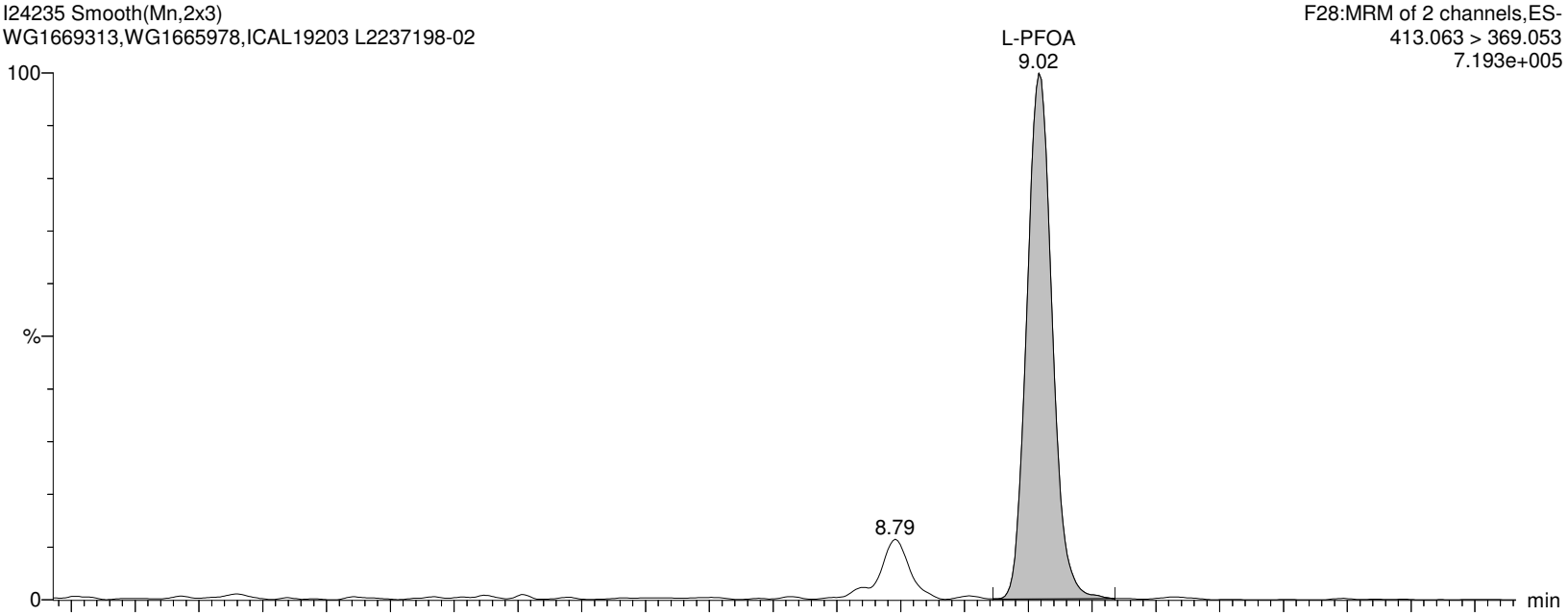


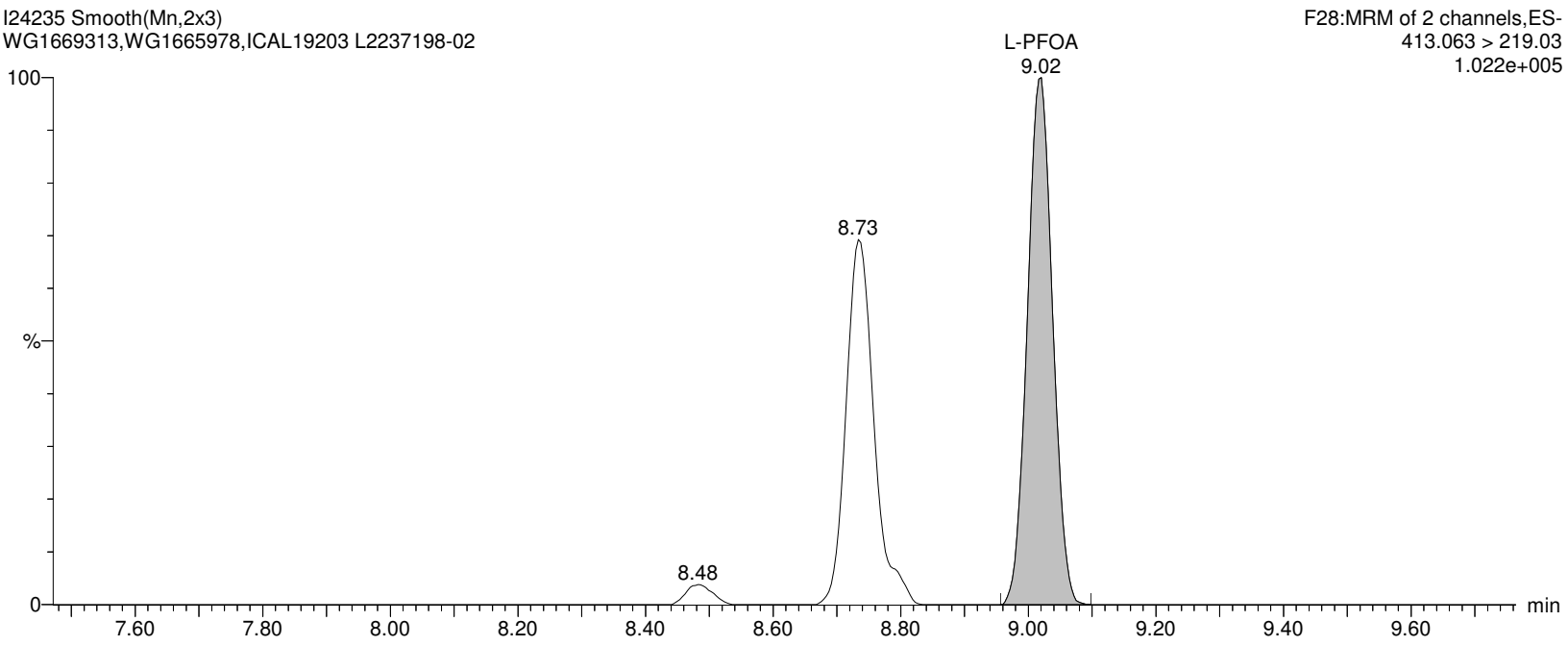
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:29 Eastern Daylight Time

Name: I24235
ID: L2237198-02
Date: 31-Jul-2022
Time: 01:07:57
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

L-PFOA



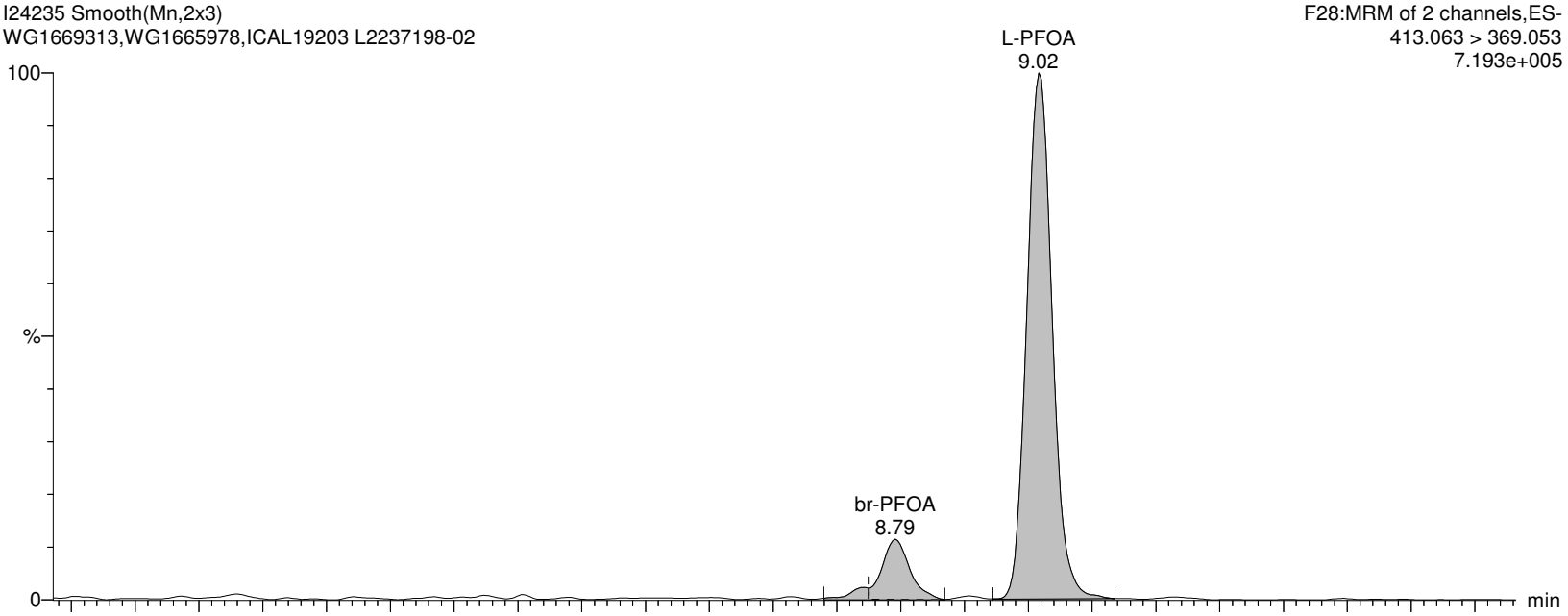


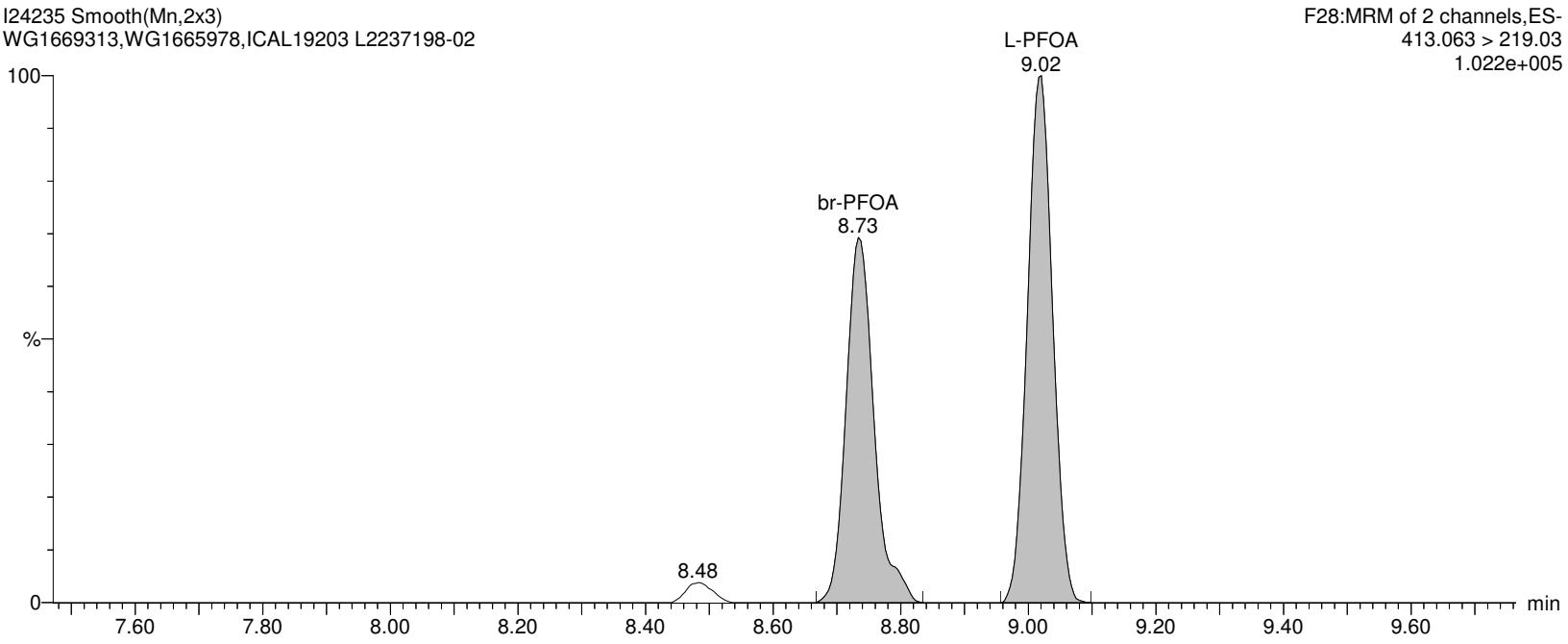
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:29 Eastern Daylight Time

Name: I24235
ID: L2237198-02
Date: 31-Jul-2022
Time: 01:07:57
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFOA



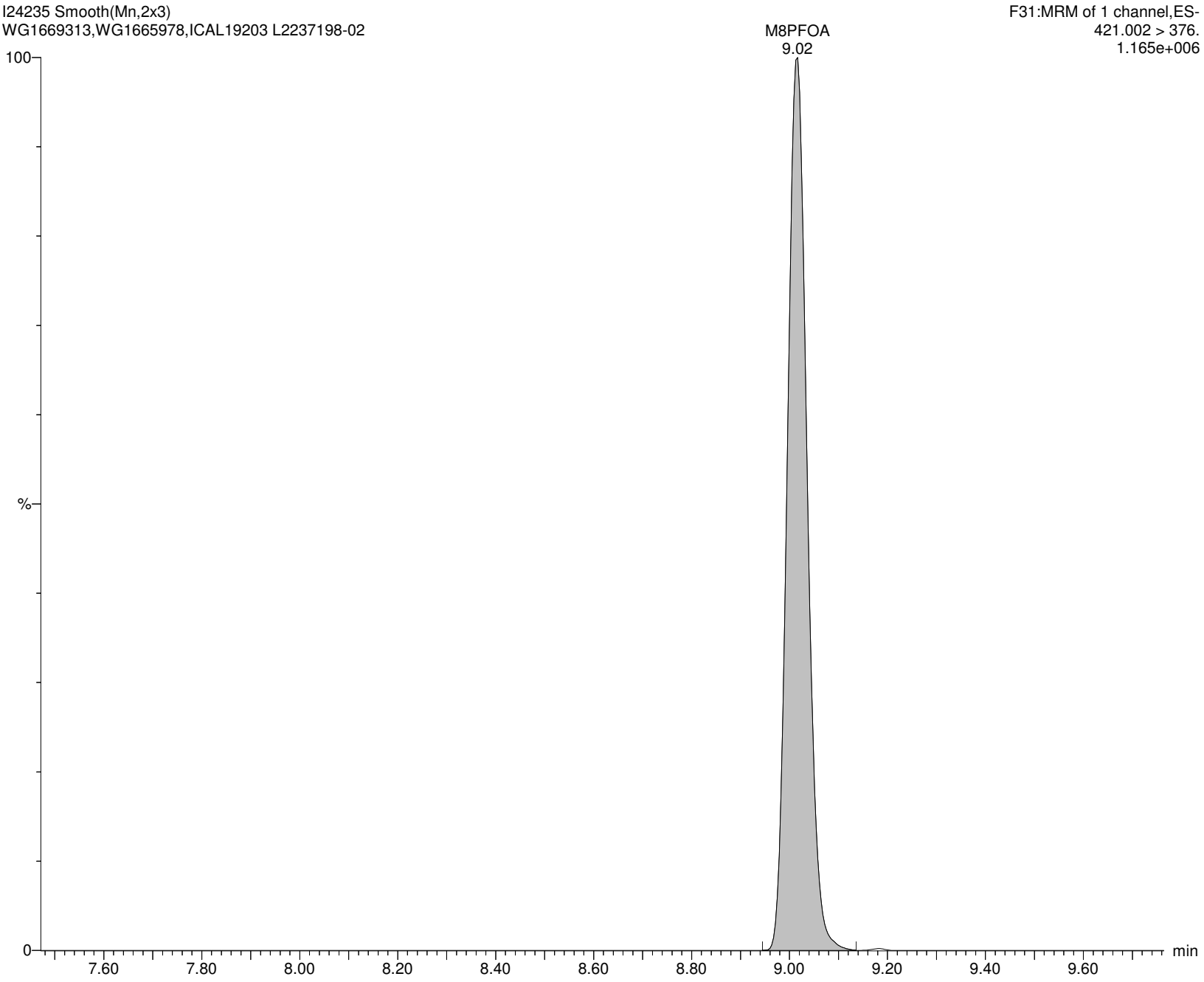


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:29 Eastern Daylight Time

Name: I24235
ID: L2237198-02
Date: 31-Jul-2022
Time: 01:07:57
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M8PFOA

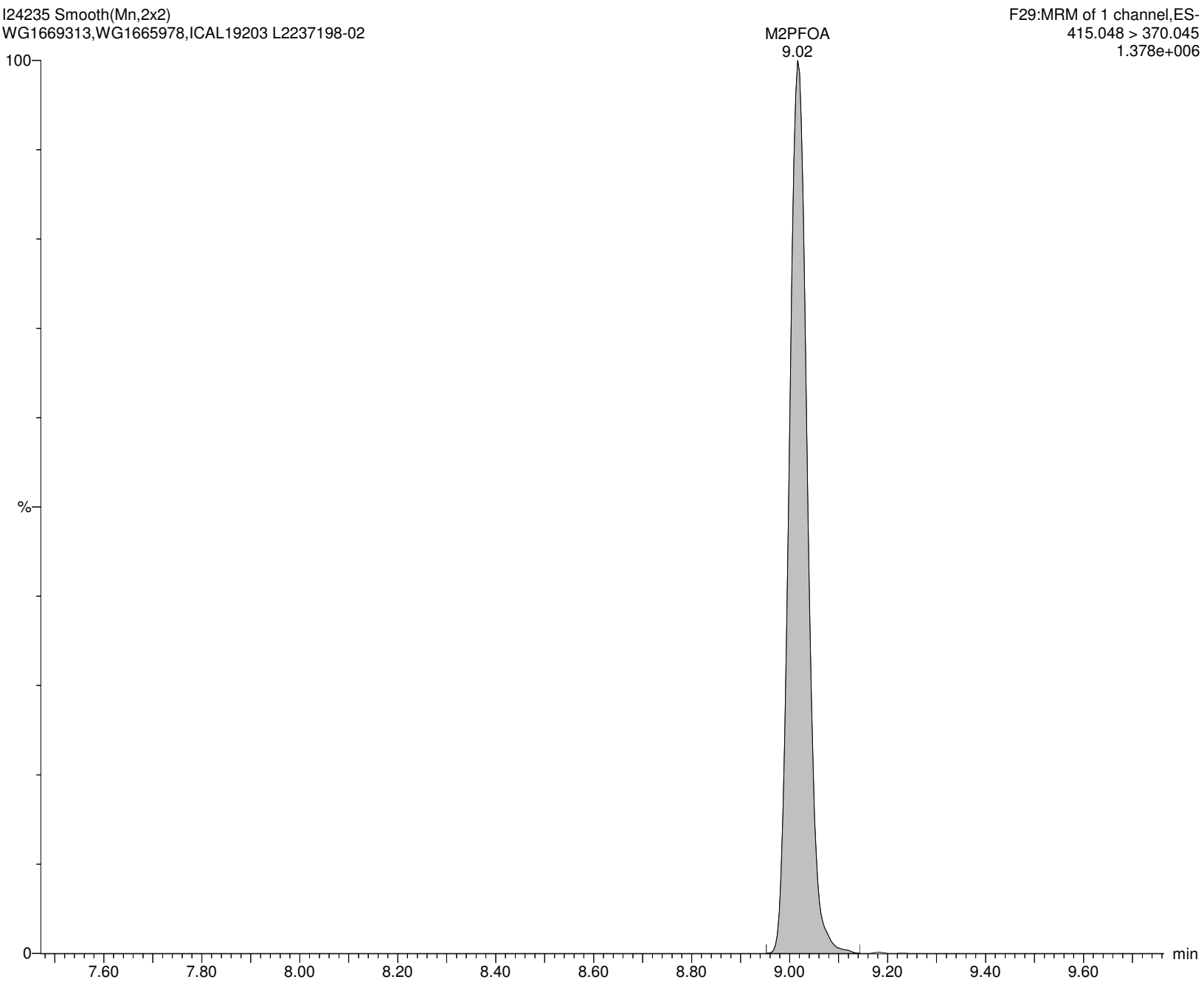


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:29 Eastern Daylight Time

Name: I24235
ID: L2237198-02
Date: 31-Jul-2022
Time: 01:07:57
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2PFOA

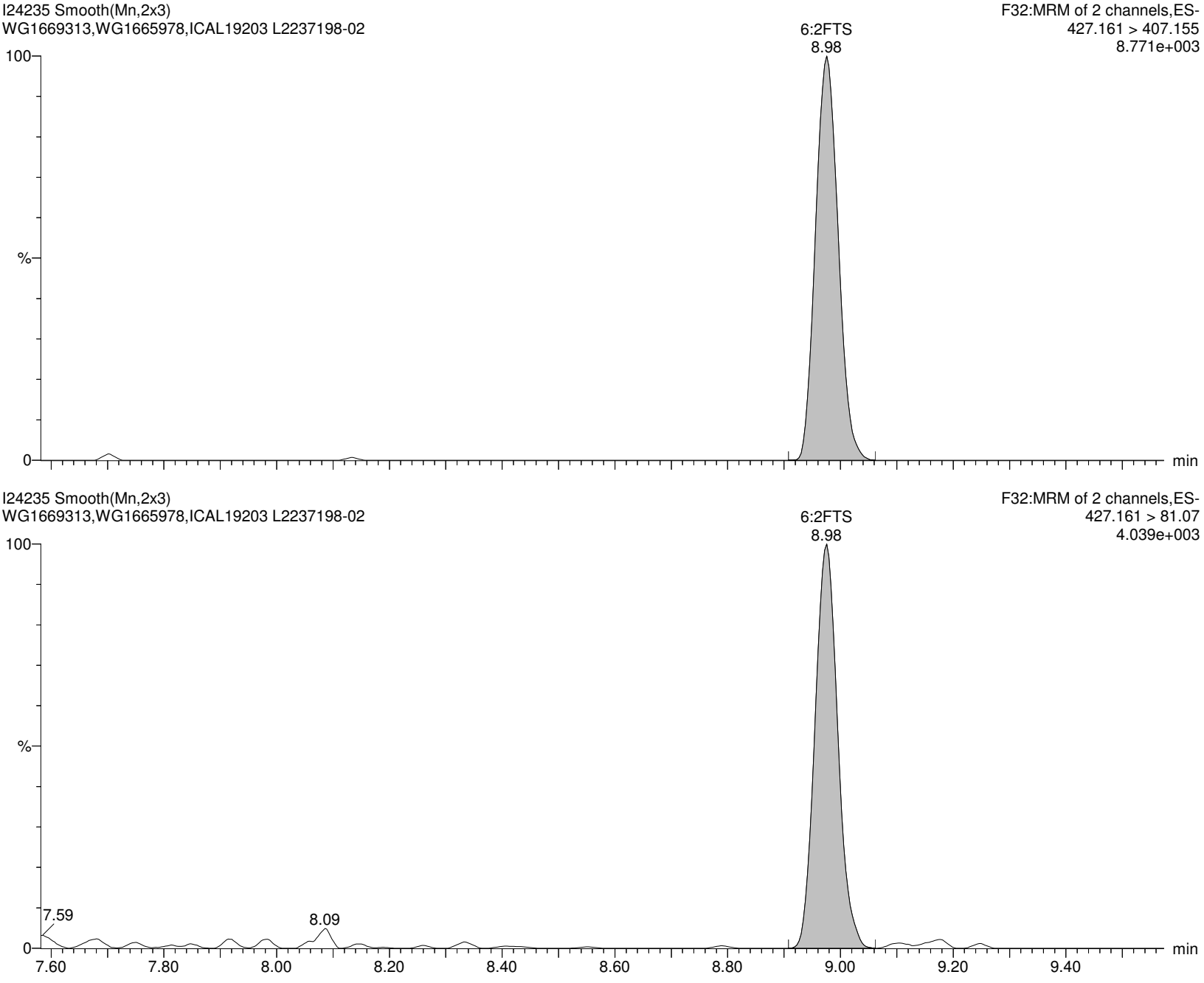


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:29 Eastern Daylight Time

Name: I24235
ID: L2237198-02
Date: 31-Jul-2022
Time: 01:07:57
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

6:2FTS

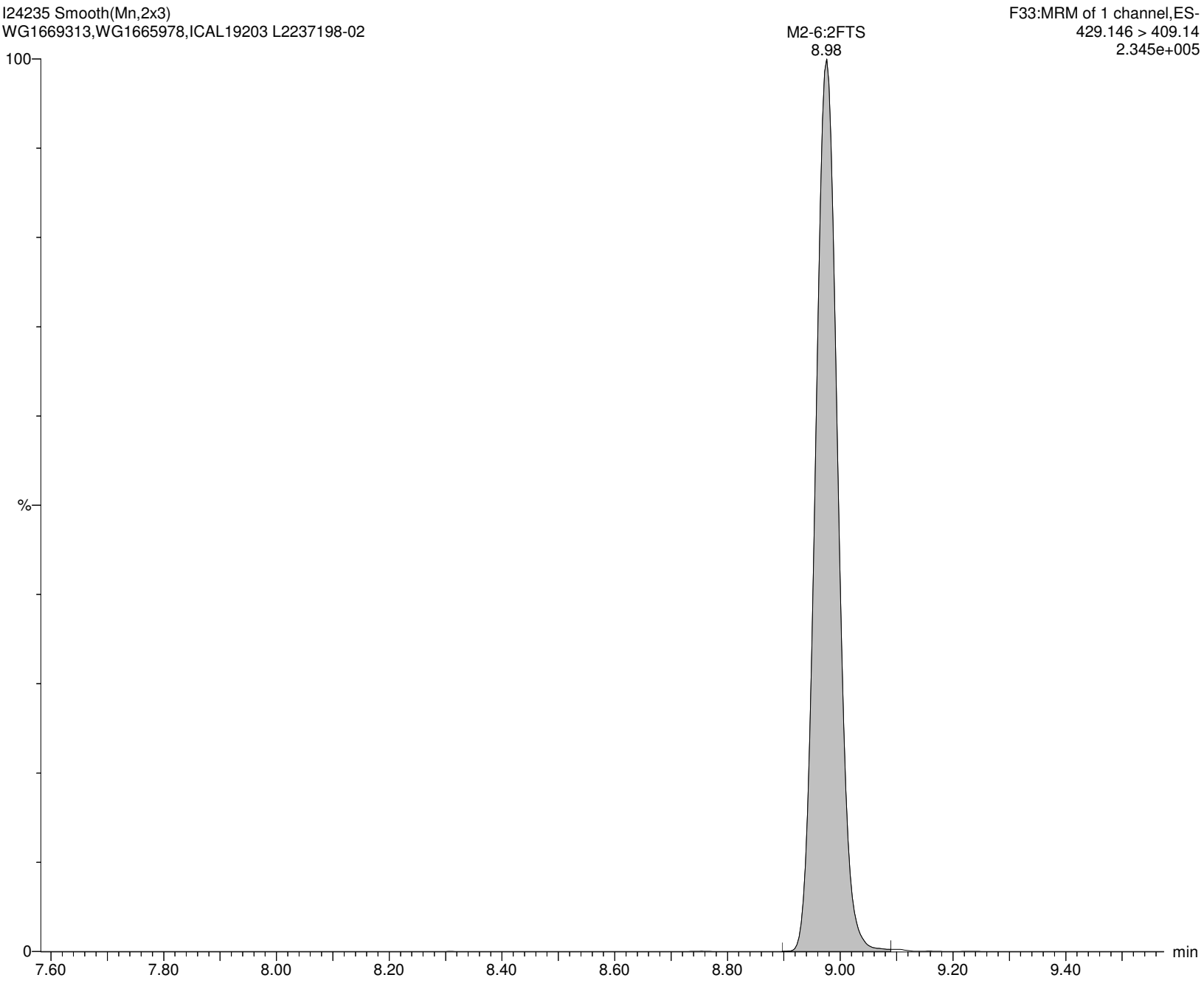


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:29 Eastern Daylight Time

Name: I24235
ID: L2237198-02
Date: 31-Jul-2022
Time: 01:07:57
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2-6:2FTS

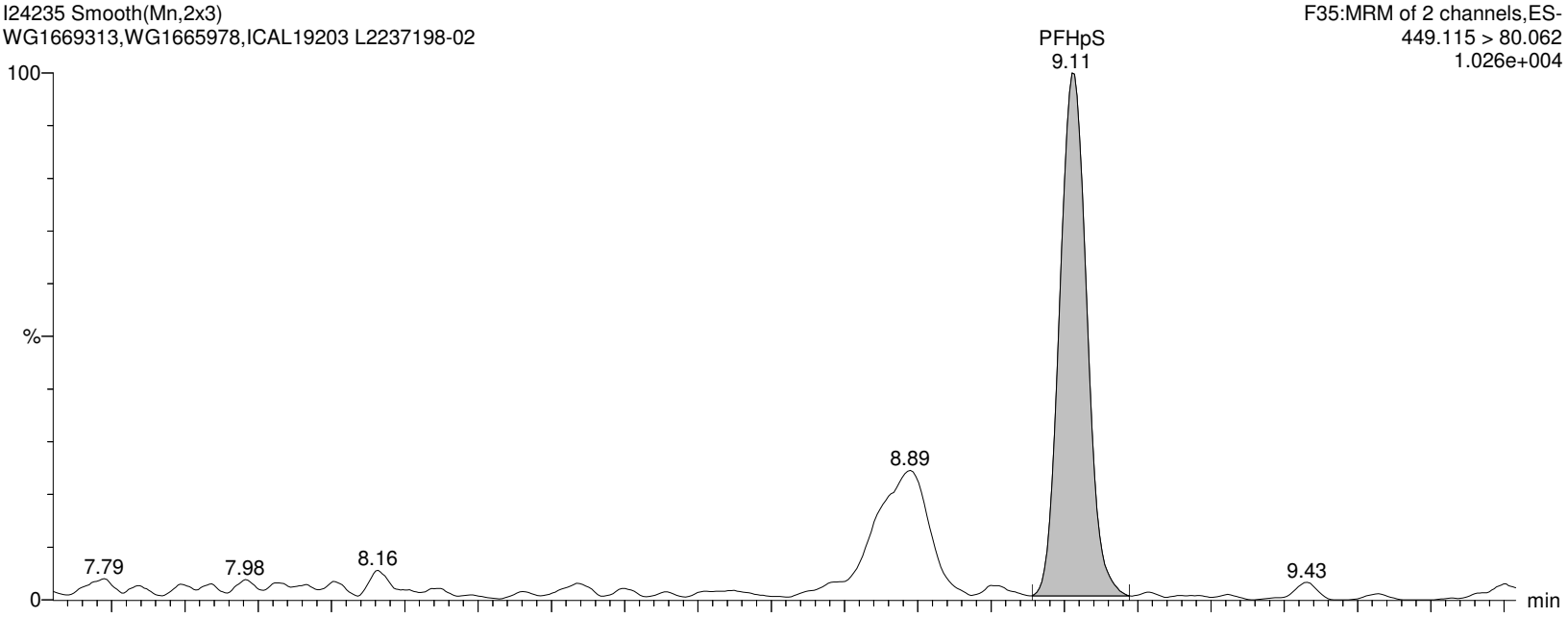


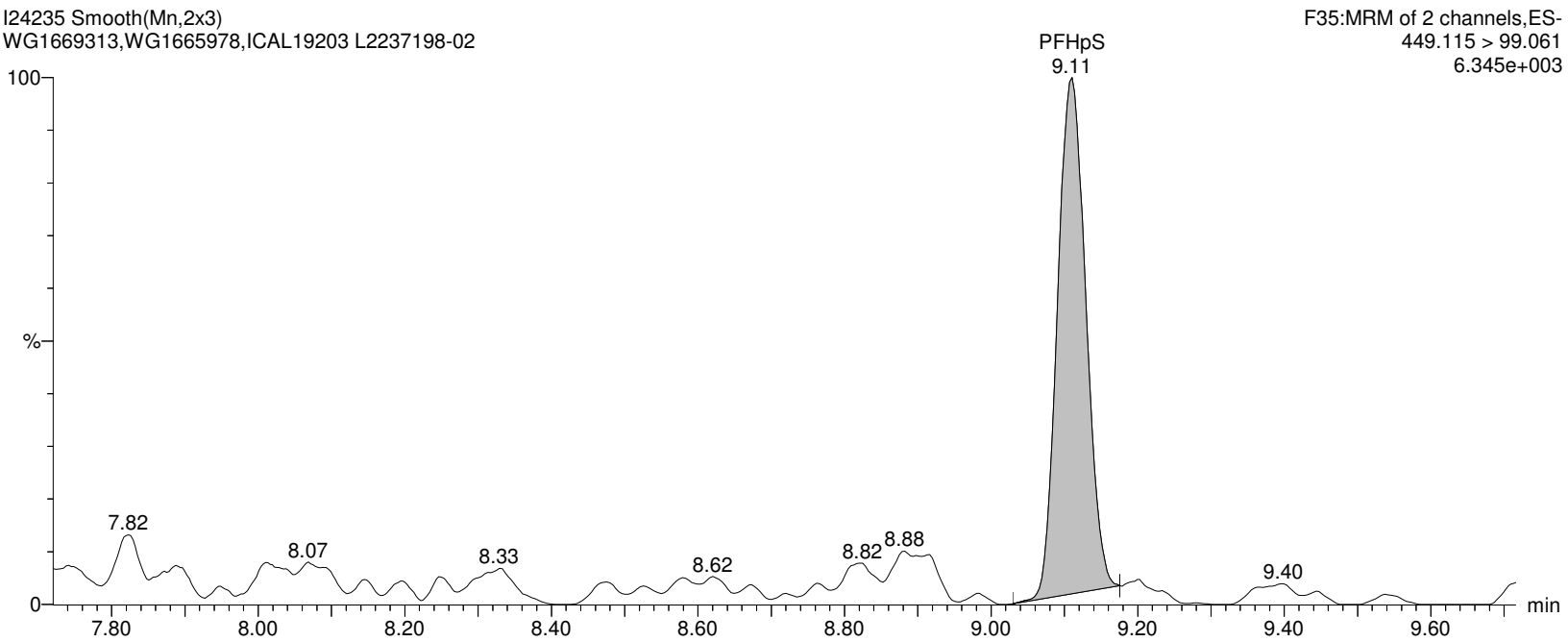
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:29 Eastern Daylight Time

Name: I24235
ID: L2237198-02
Date: 31-Jul-2022
Time: 01:07:57
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFHpS



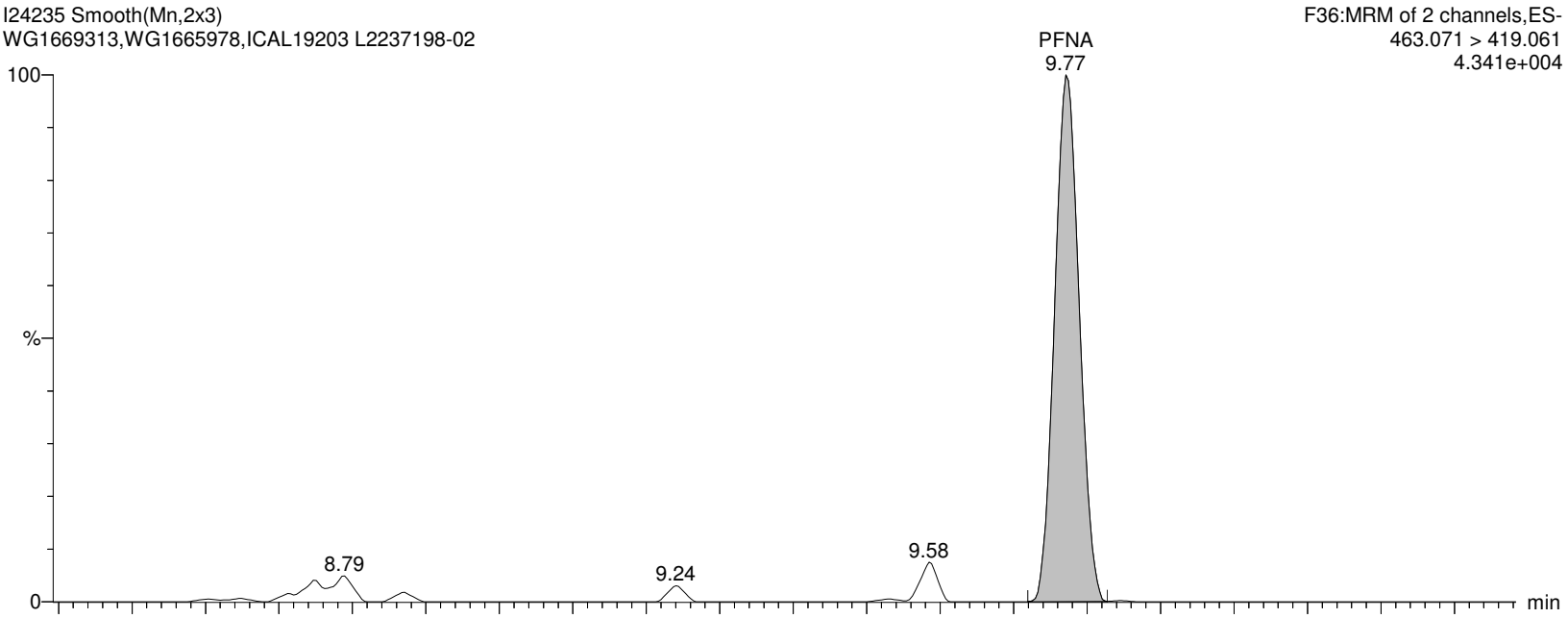


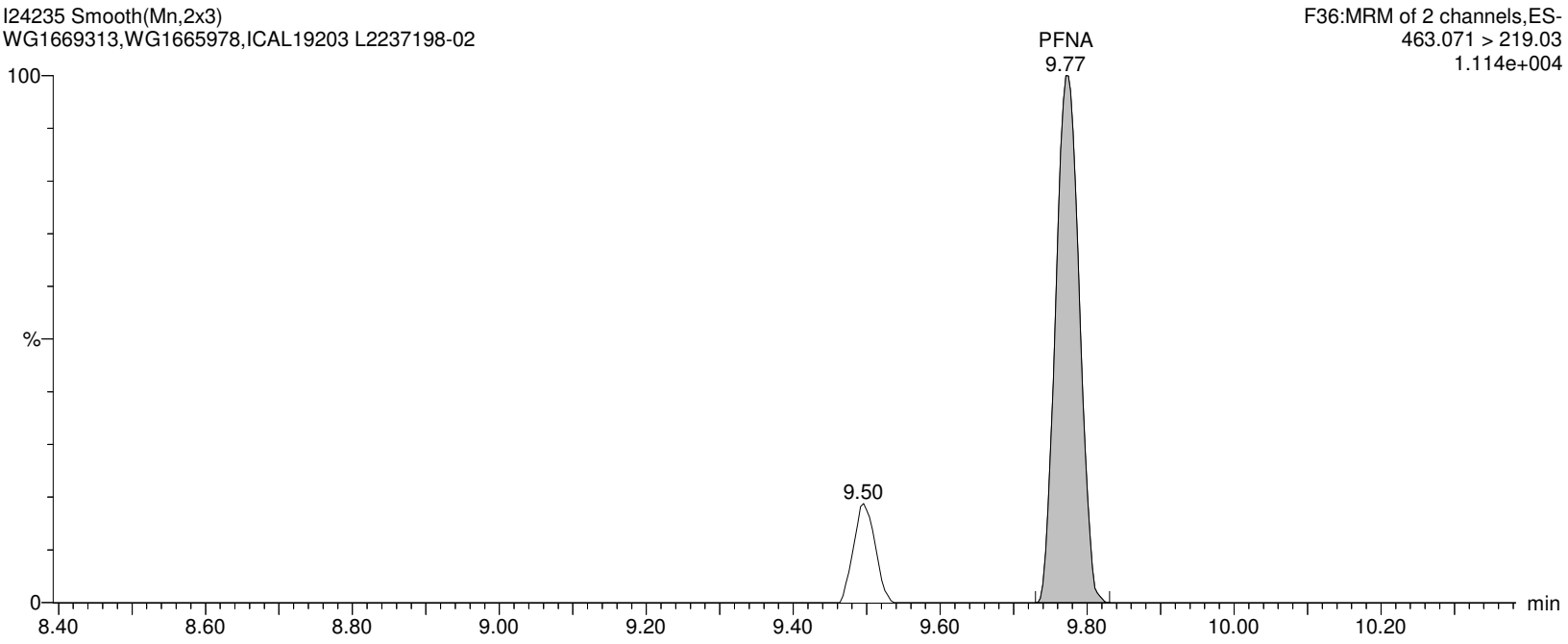
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:29 Eastern Daylight Time

Name: I24235
ID: L2237198-02
Date: 31-Jul-2022
Time: 01:07:57
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFNA



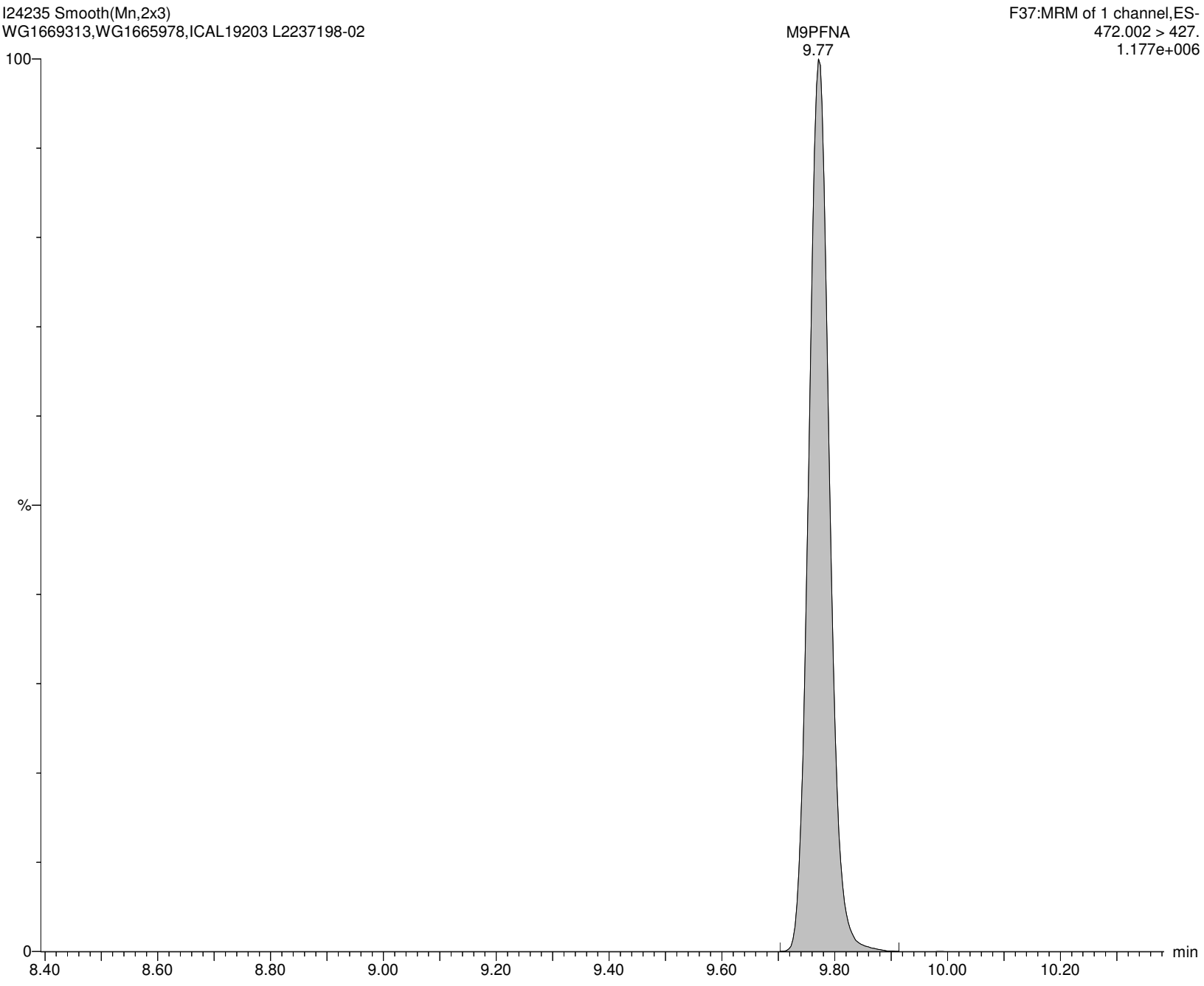


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:29 Eastern Daylight Time

Name: I24235
ID: L2237198-02
Date: 31-Jul-2022
Time: 01:07:57
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M9PFNA

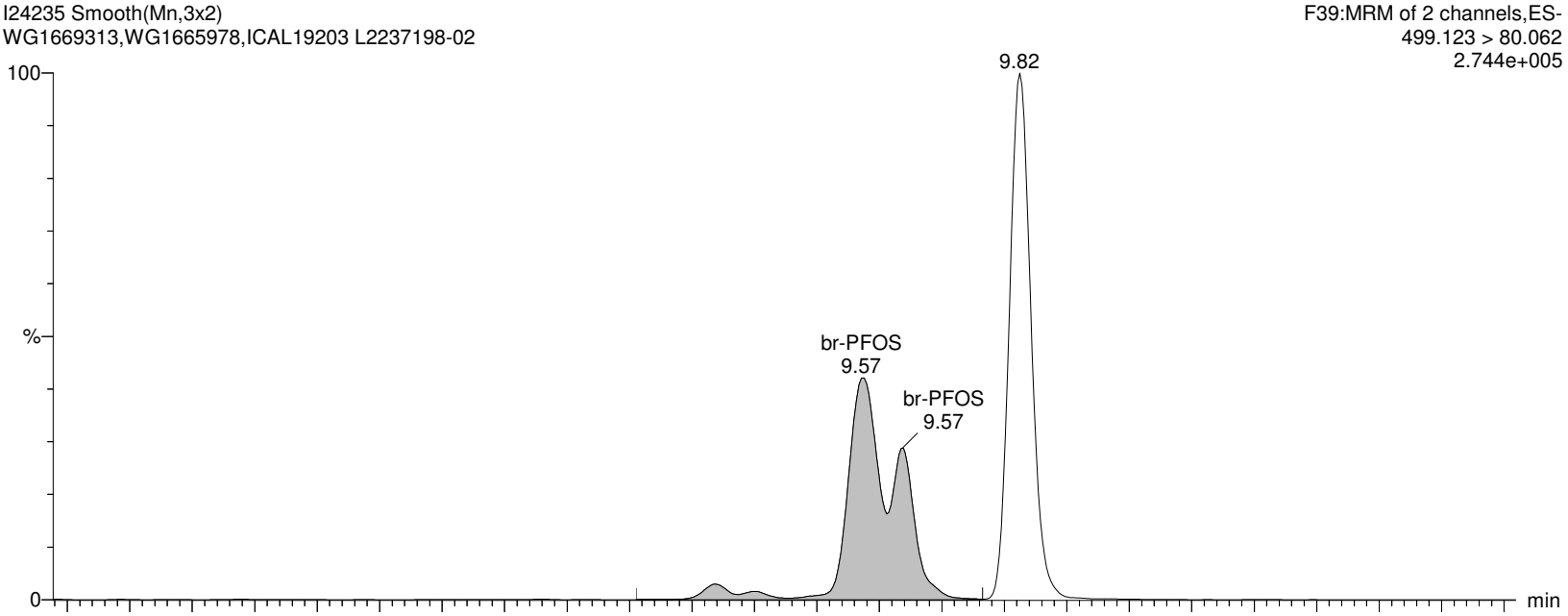


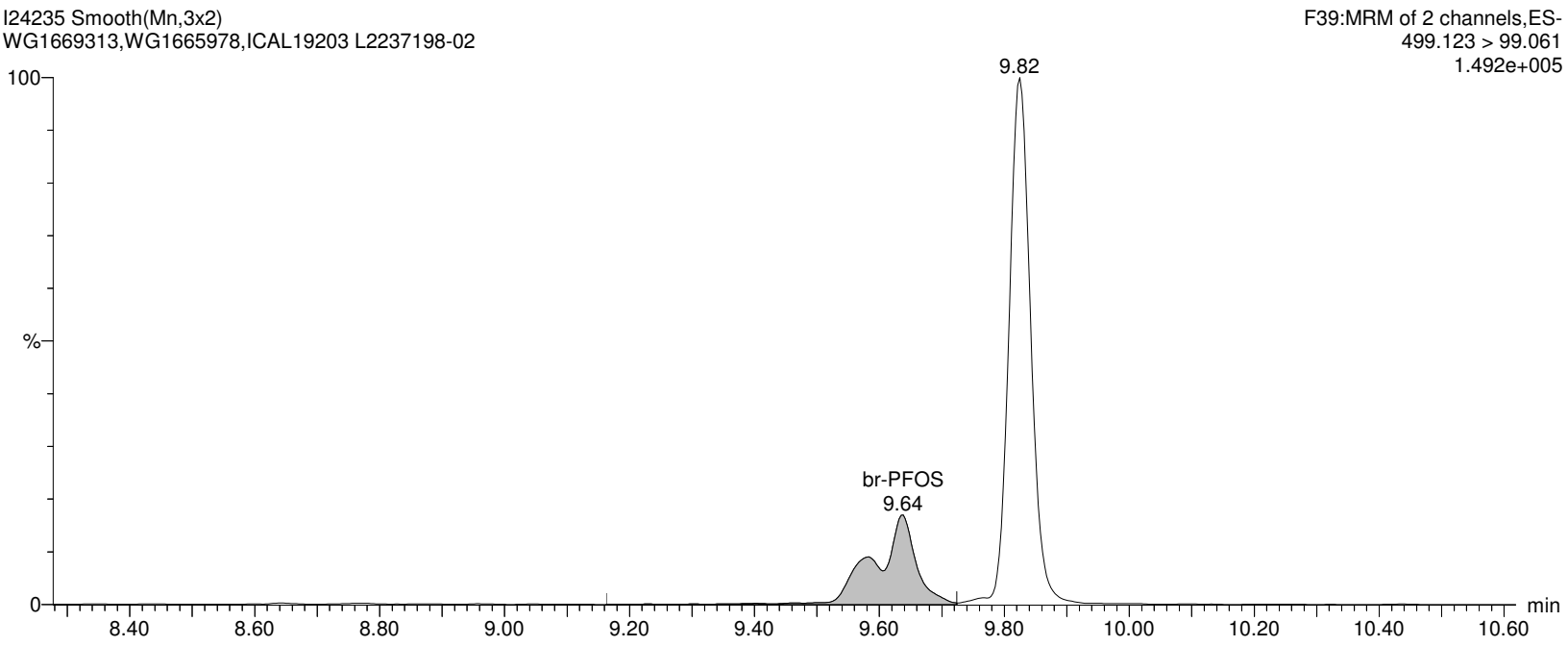
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:29 Eastern Daylight Time

Name: I24235
ID: L2237198-02
Date: 31-Jul-2022
Time: 01:07:57
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

br-PFOS



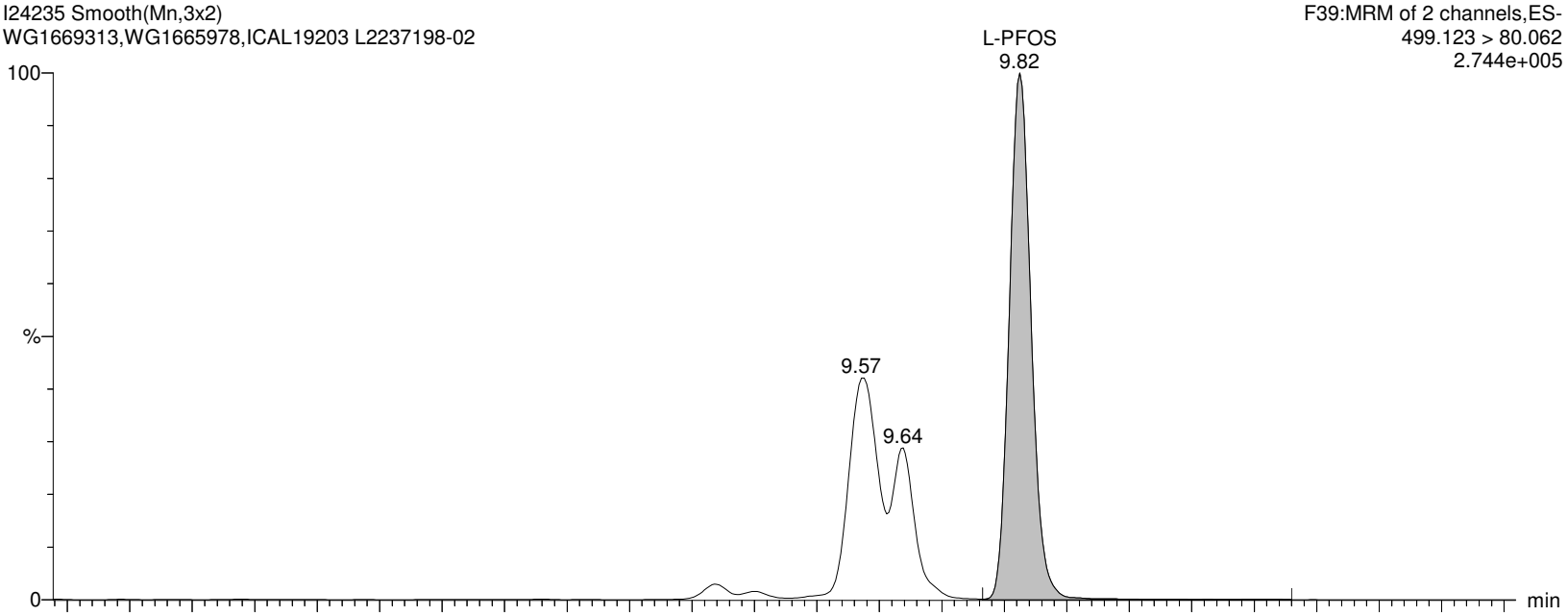


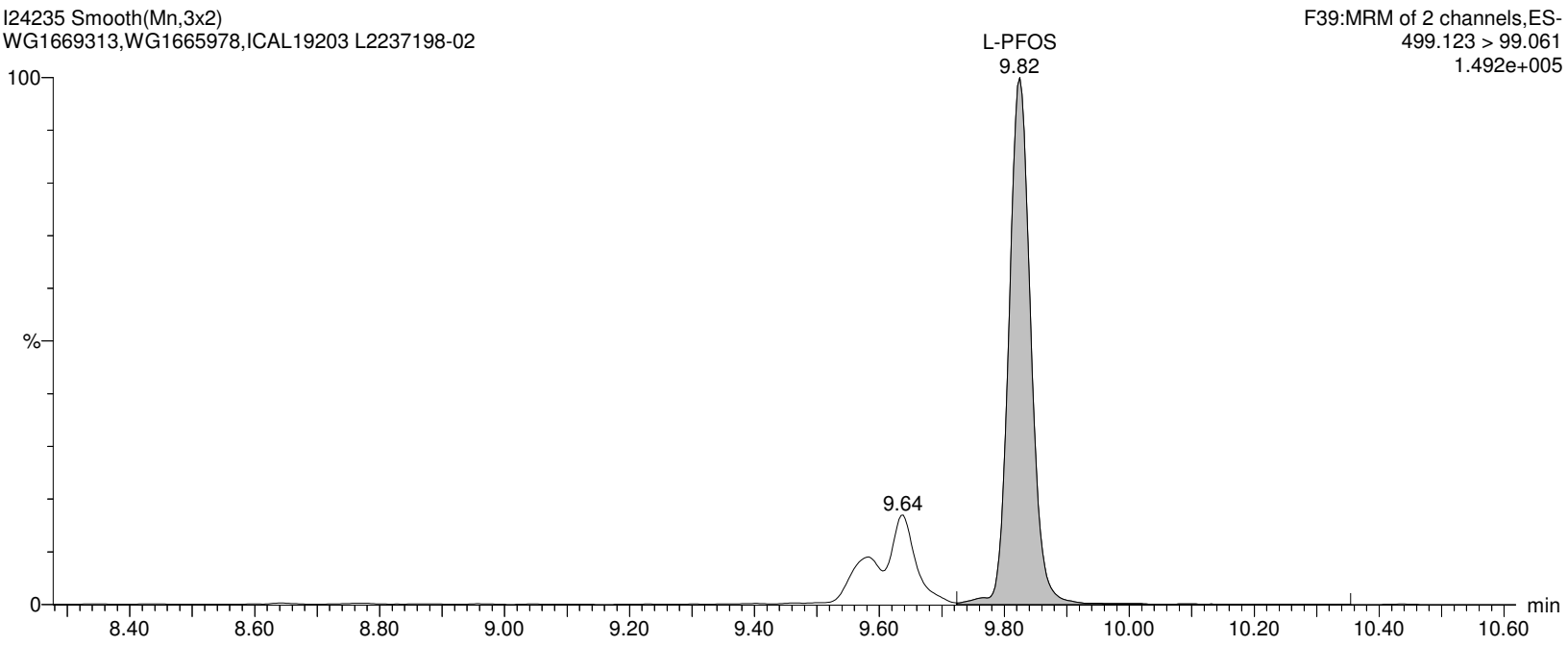
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:29 Eastern Daylight Time

Name: I24235
ID: L2237198-02
Date: 31-Jul-2022
Time: 01:07:57
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

L-PFOS



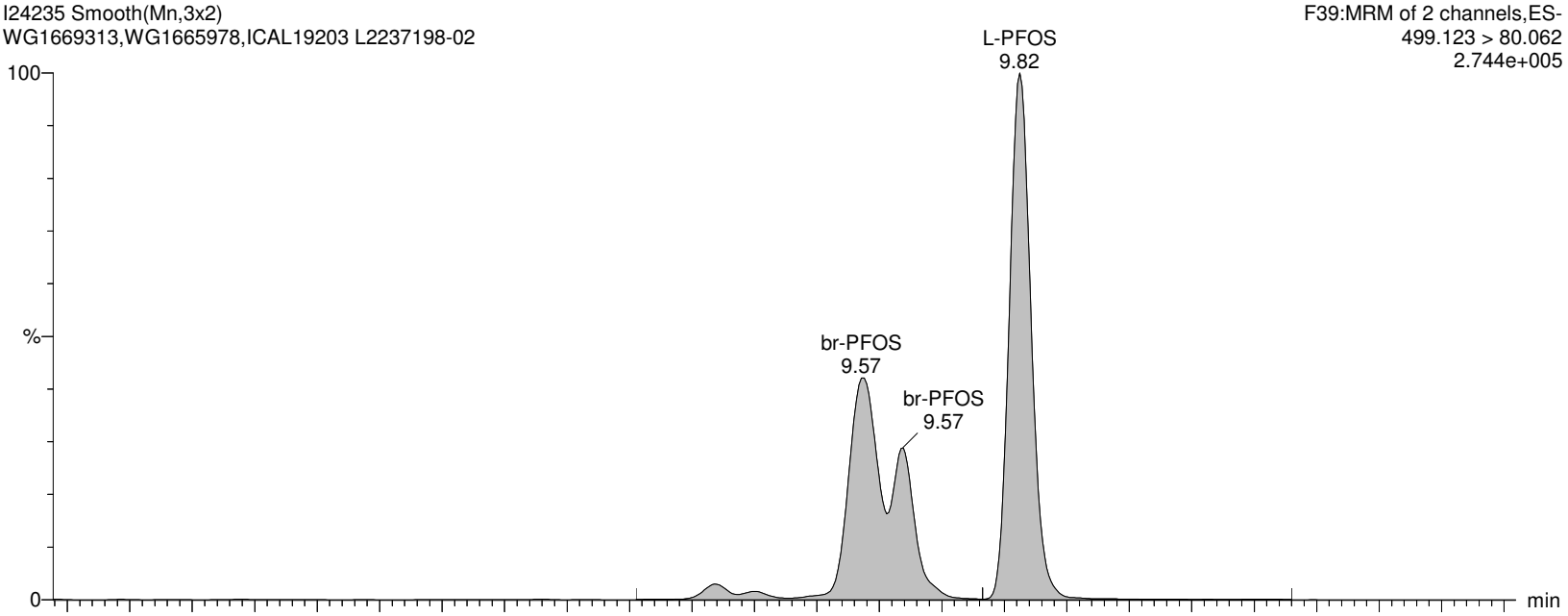


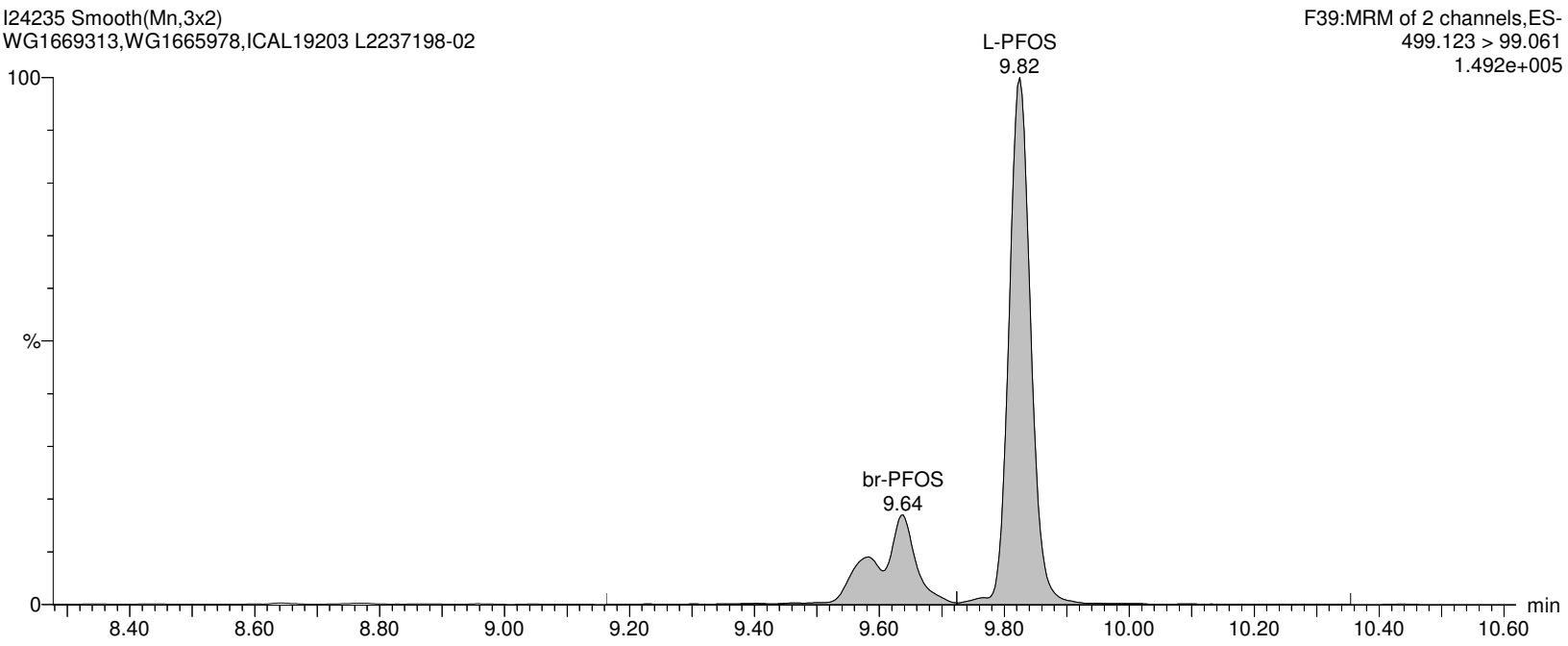
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:29 Eastern Daylight Time

Name: I24235
ID: L2237198-02
Date: 31-Jul-2022
Time: 01:07:57
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFOS



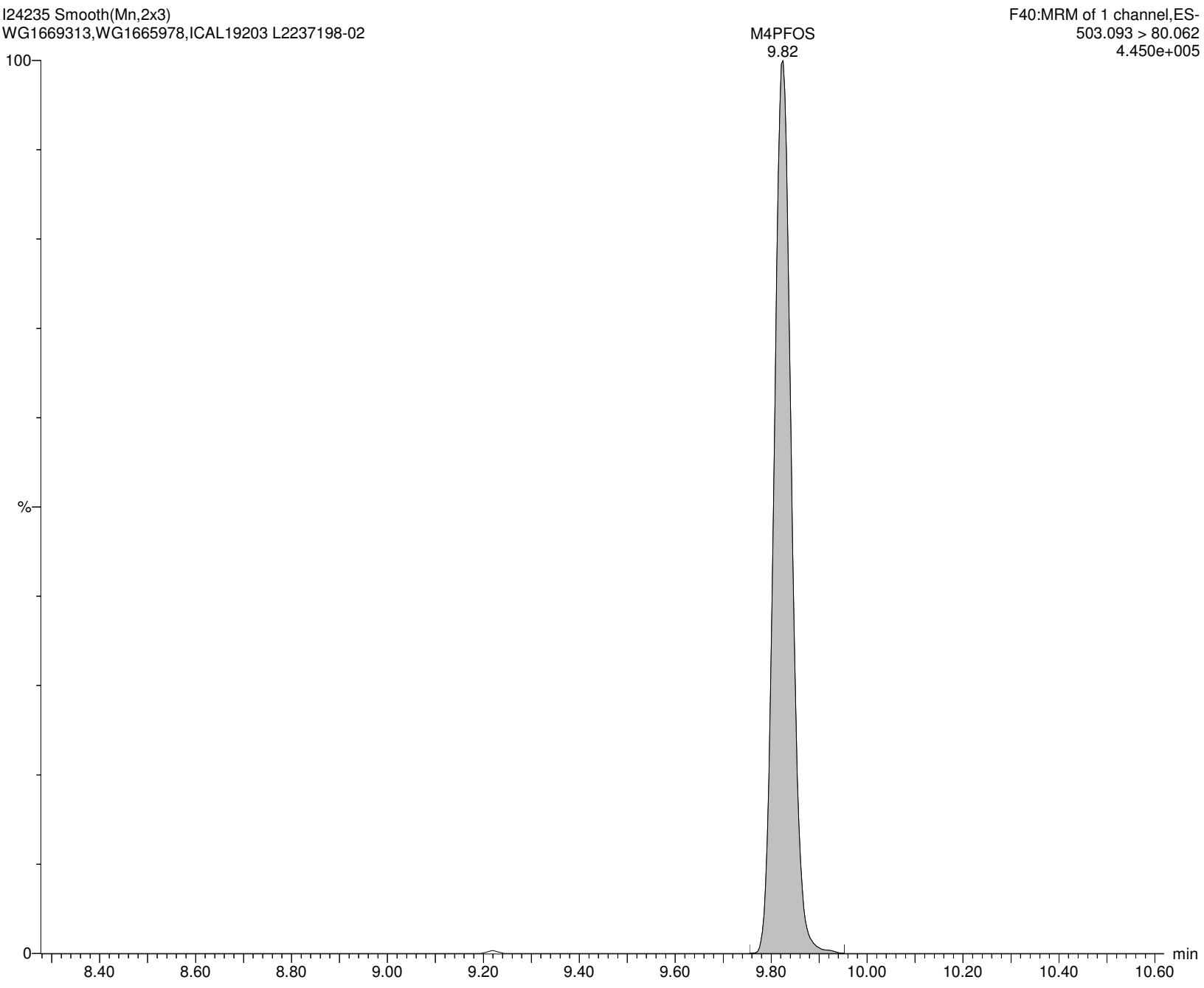


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:29 Eastern Daylight Time

Name: I24235
ID: L2237198-02
Date: 31-Jul-2022
Time: 01:07:57
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M4PFOS

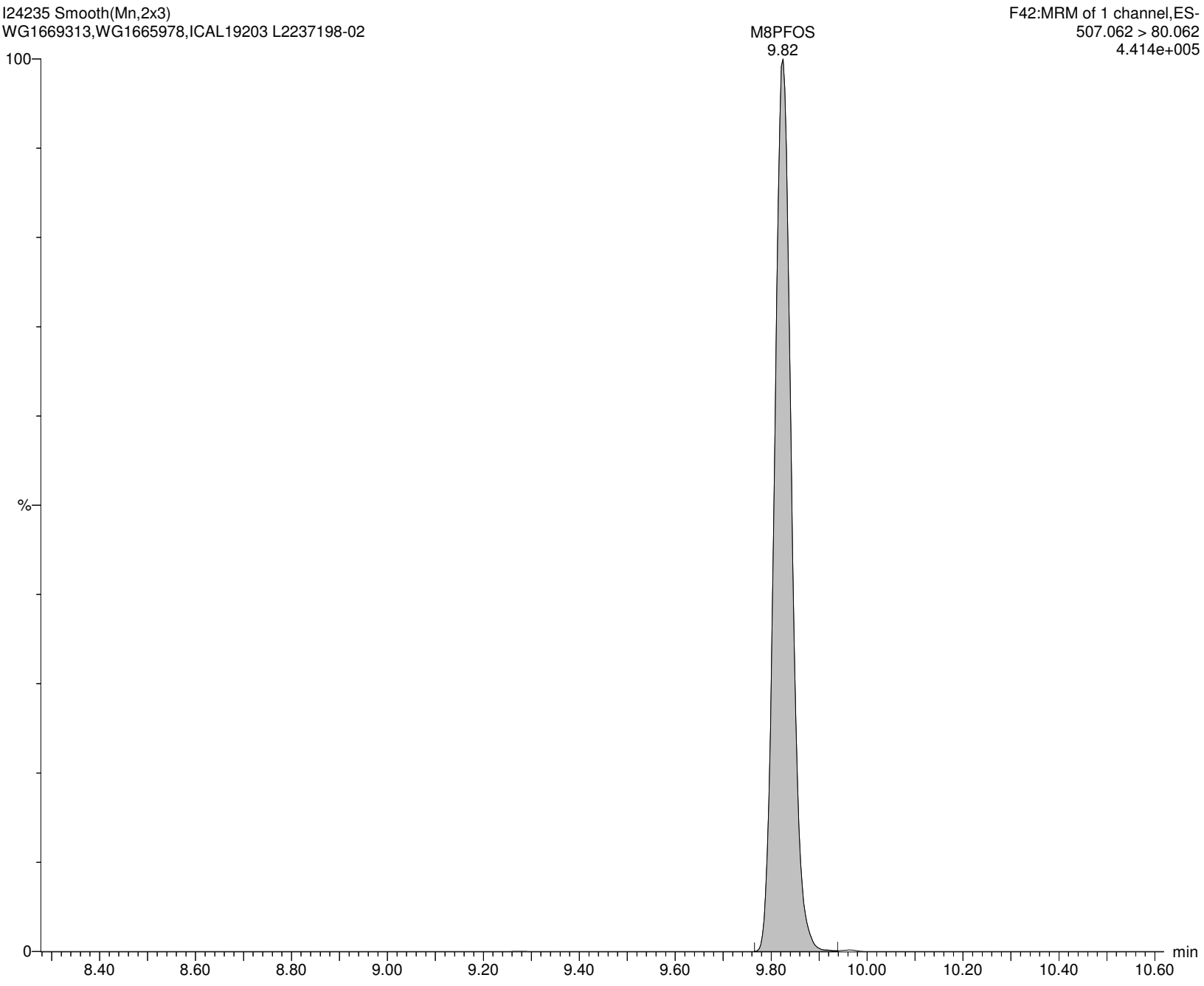


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:29 Eastern Daylight Time

Name: I24235
ID: L2237198-02
Date: 31-Jul-2022
Time: 01:07:57
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M8PFOS

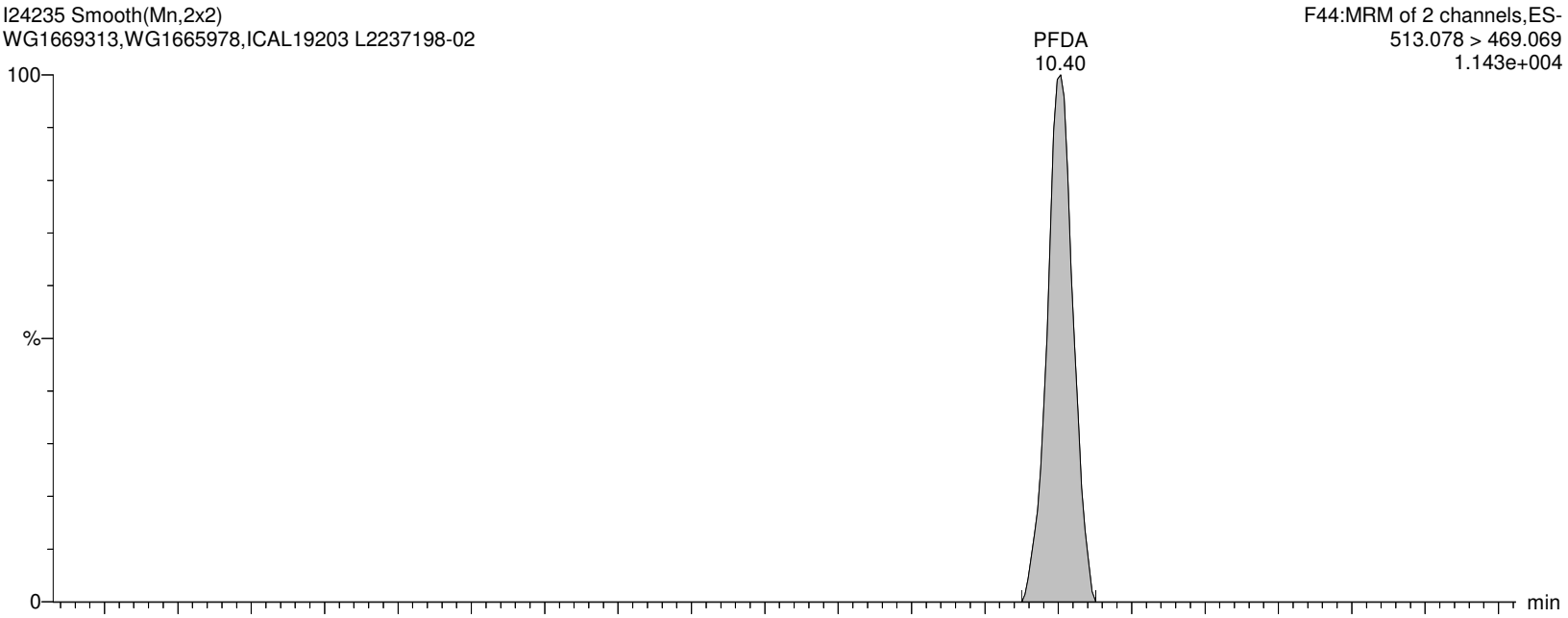


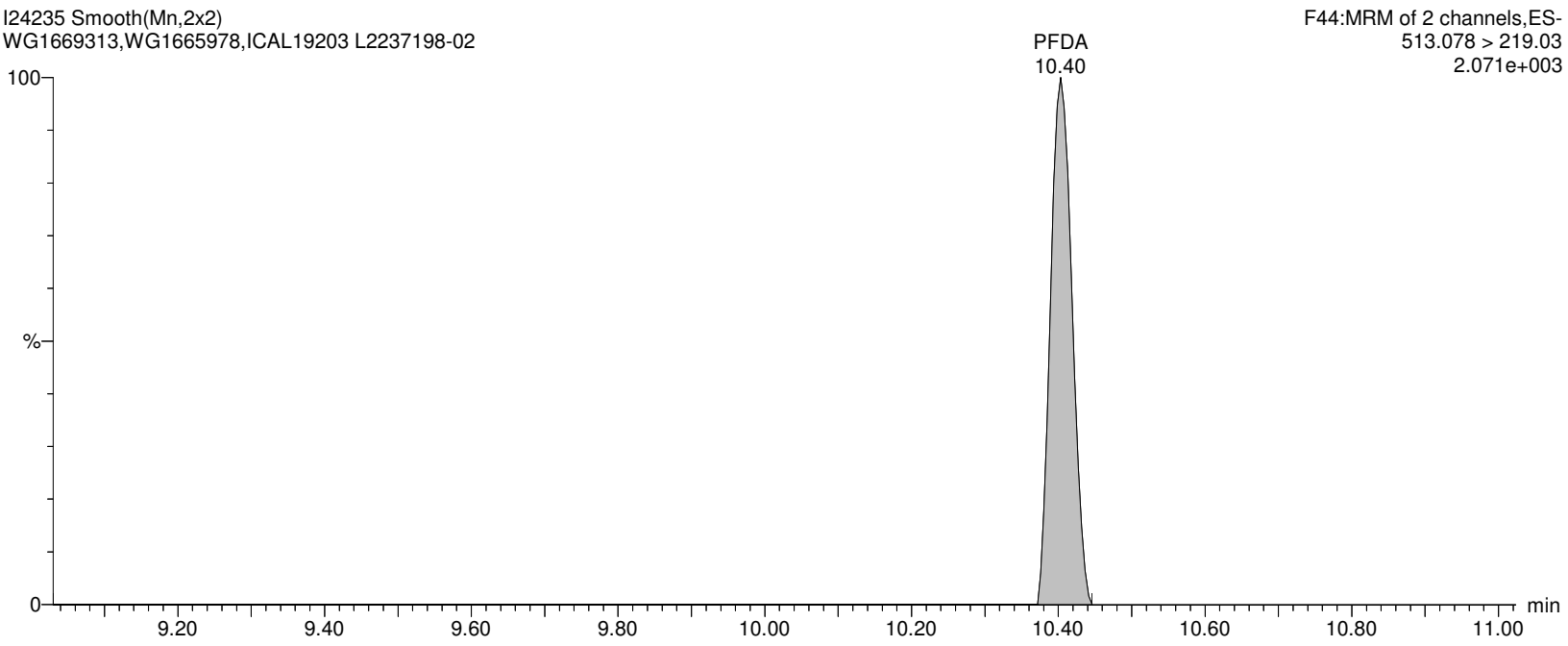
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:29 Eastern Daylight Time

Name: I24235
ID: L2237198-02
Date: 31-Jul-2022
Time: 01:07:57
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFDA



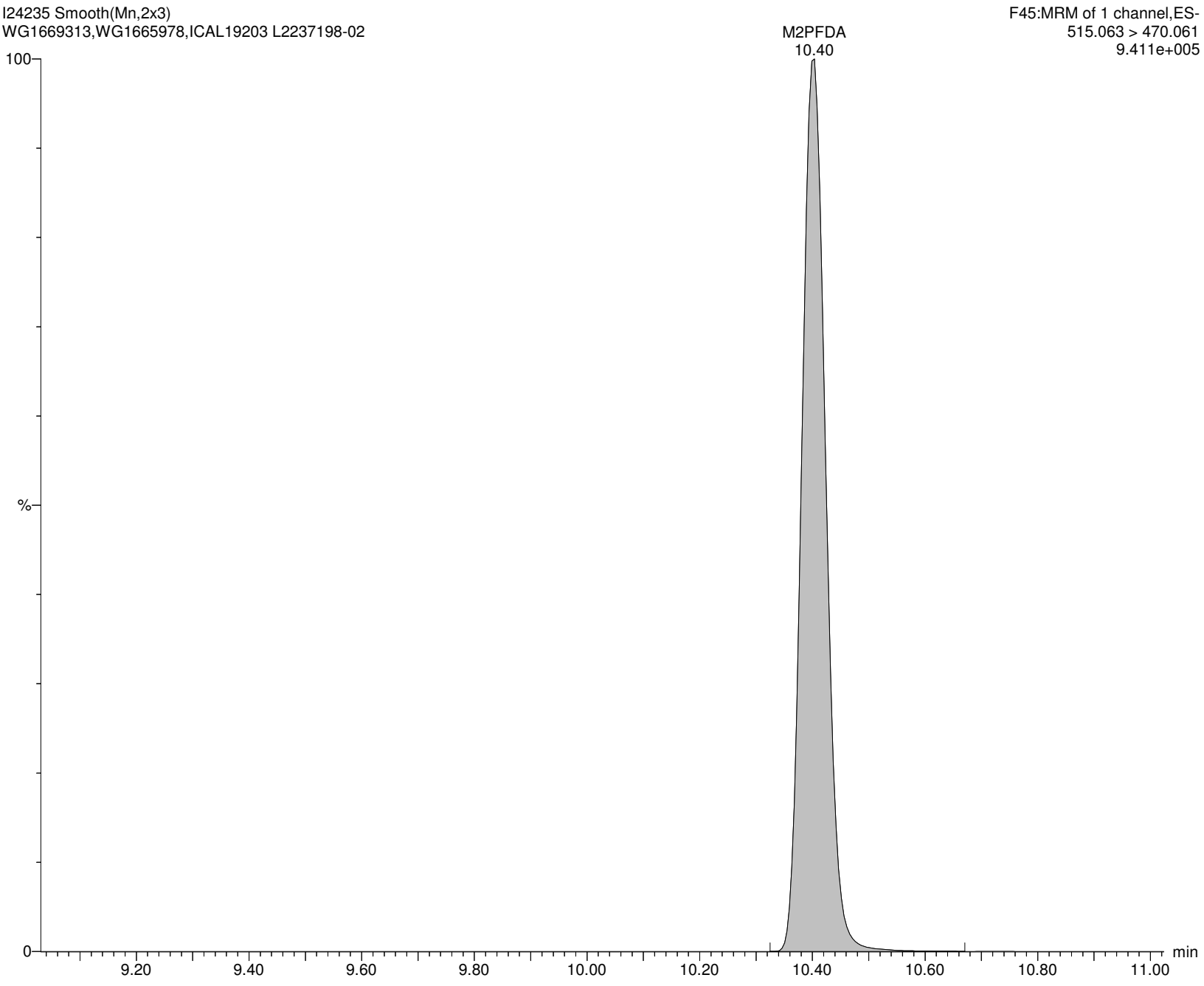


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:29 Eastern Daylight Time

Name: I24235
ID: L2237198-02
Date: 31-Jul-2022
Time: 01:07:57
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2PFDA

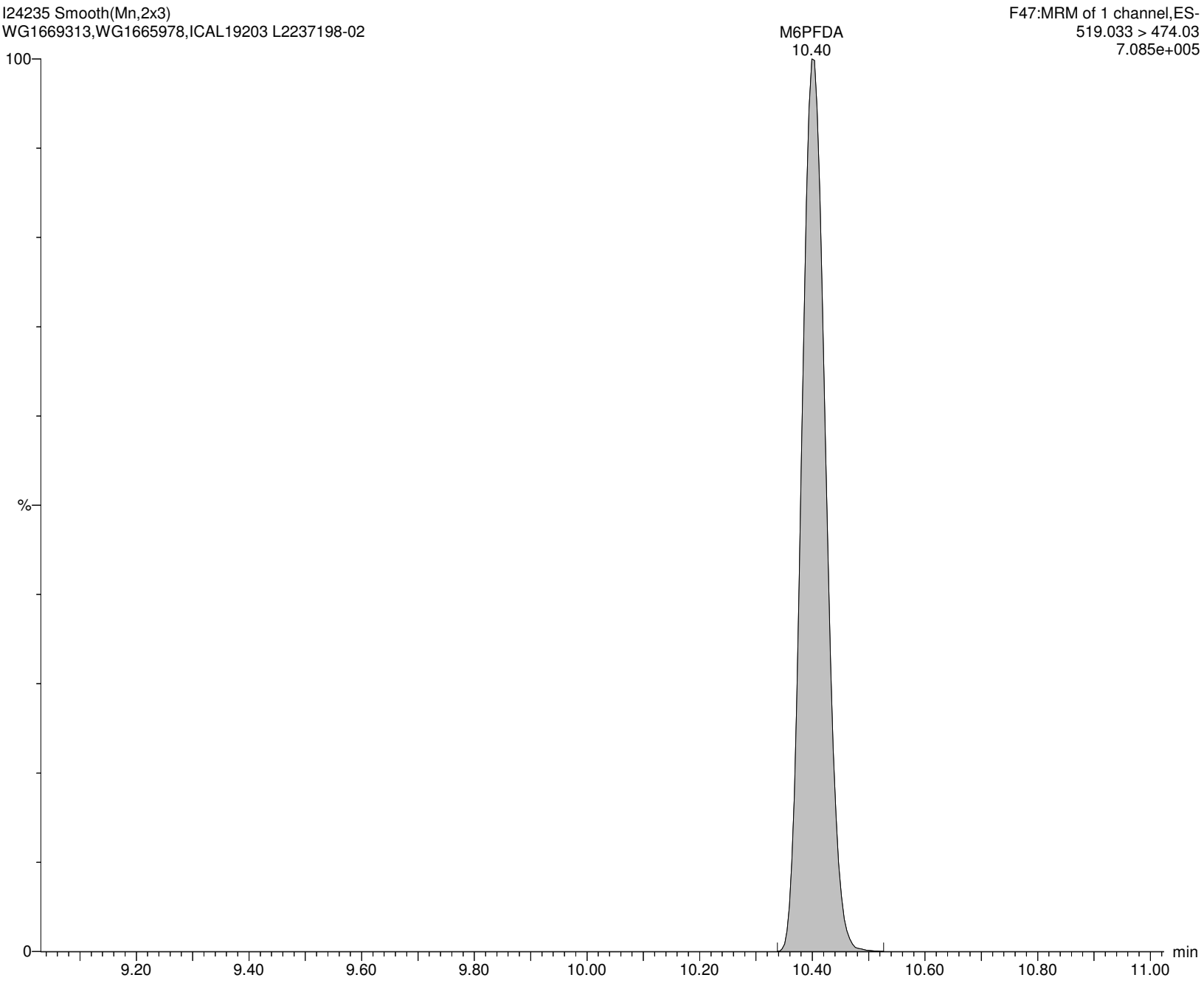


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:29 Eastern Daylight Time

Name: I24235
ID: L2237198-02
Date: 31-Jul-2022
Time: 01:07:57
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M6PFDA

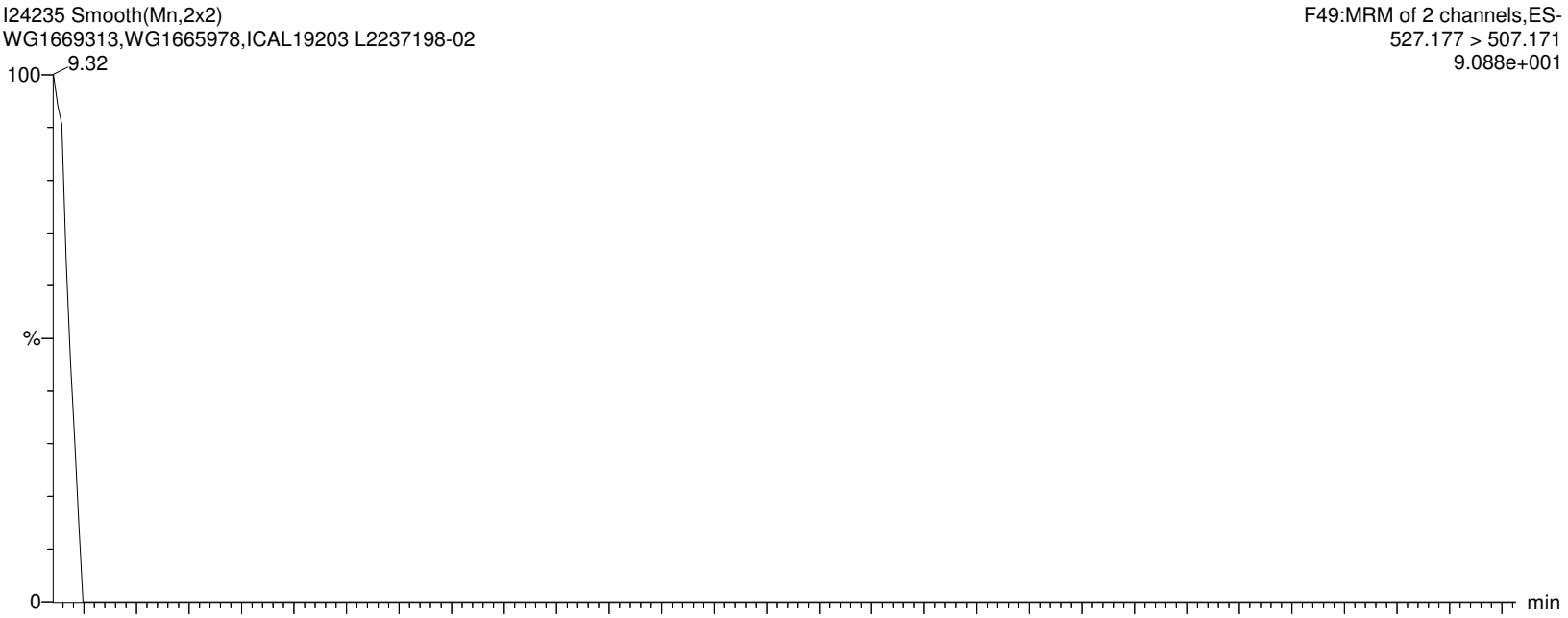


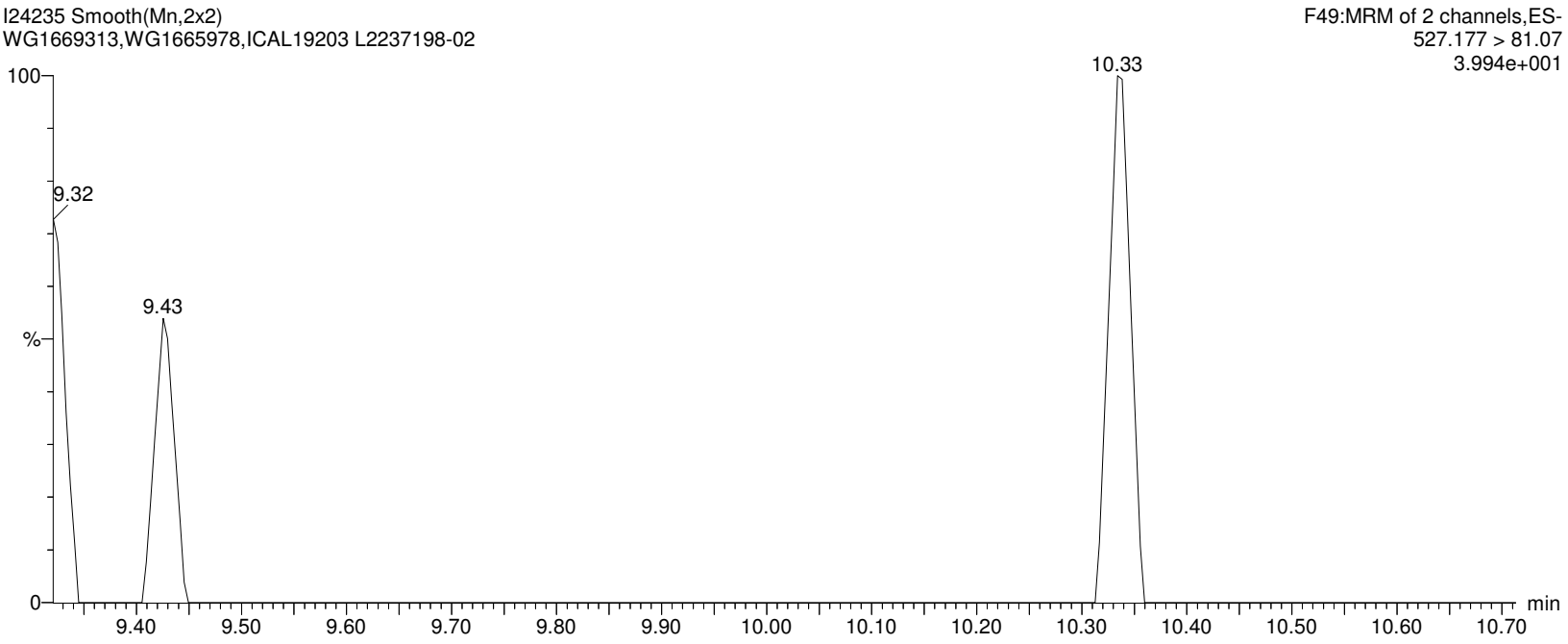
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:29 Eastern Daylight Time

Name: I24235
ID: L2237198-02
Date: 31-Jul-2022
Time: 01:07:57
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

8:2FTS



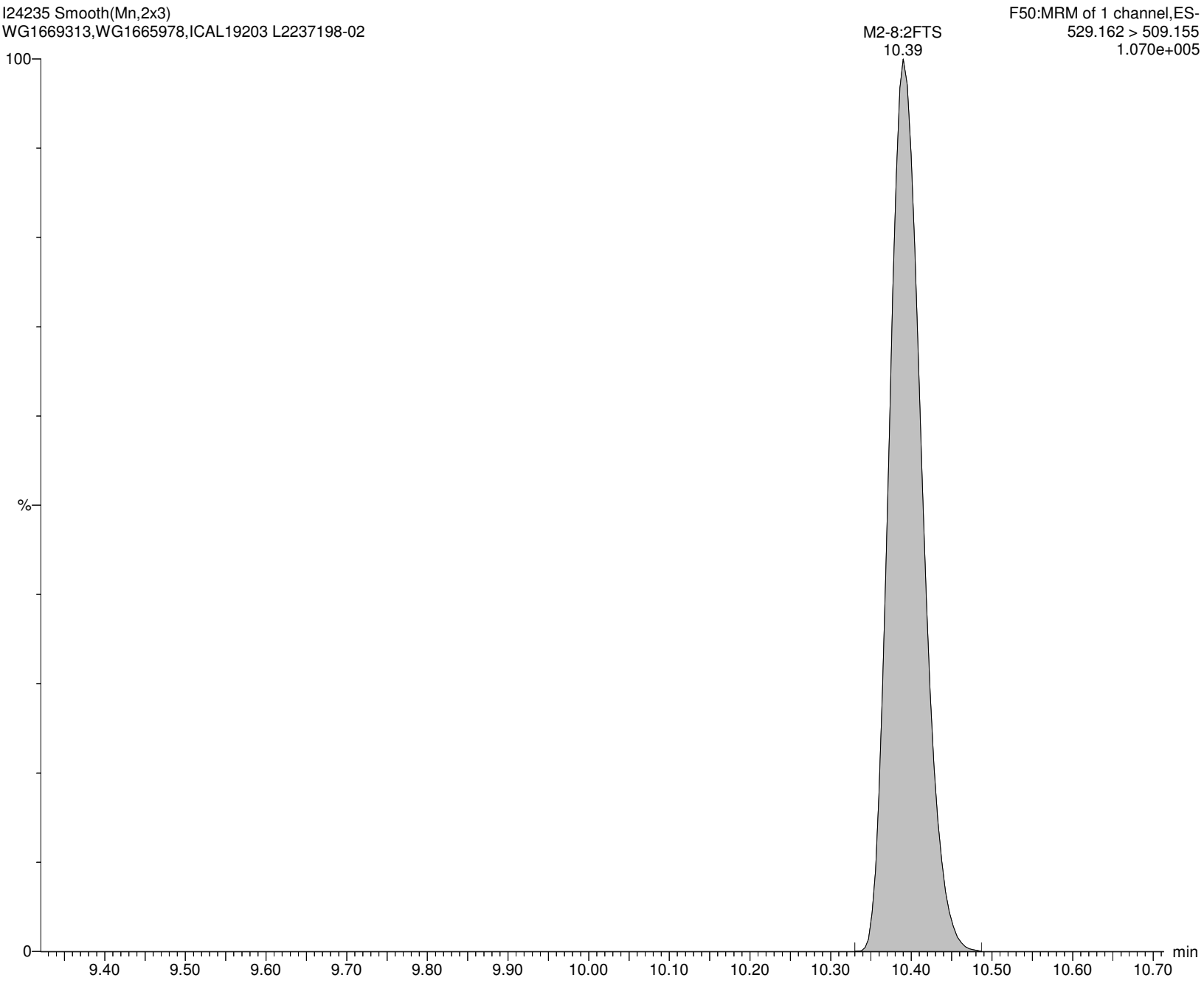


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:29 Eastern Daylight Time

Name: I24235
ID: L2237198-02
Date: 31-Jul-2022
Time: 01:07:57
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2-8:2FTS

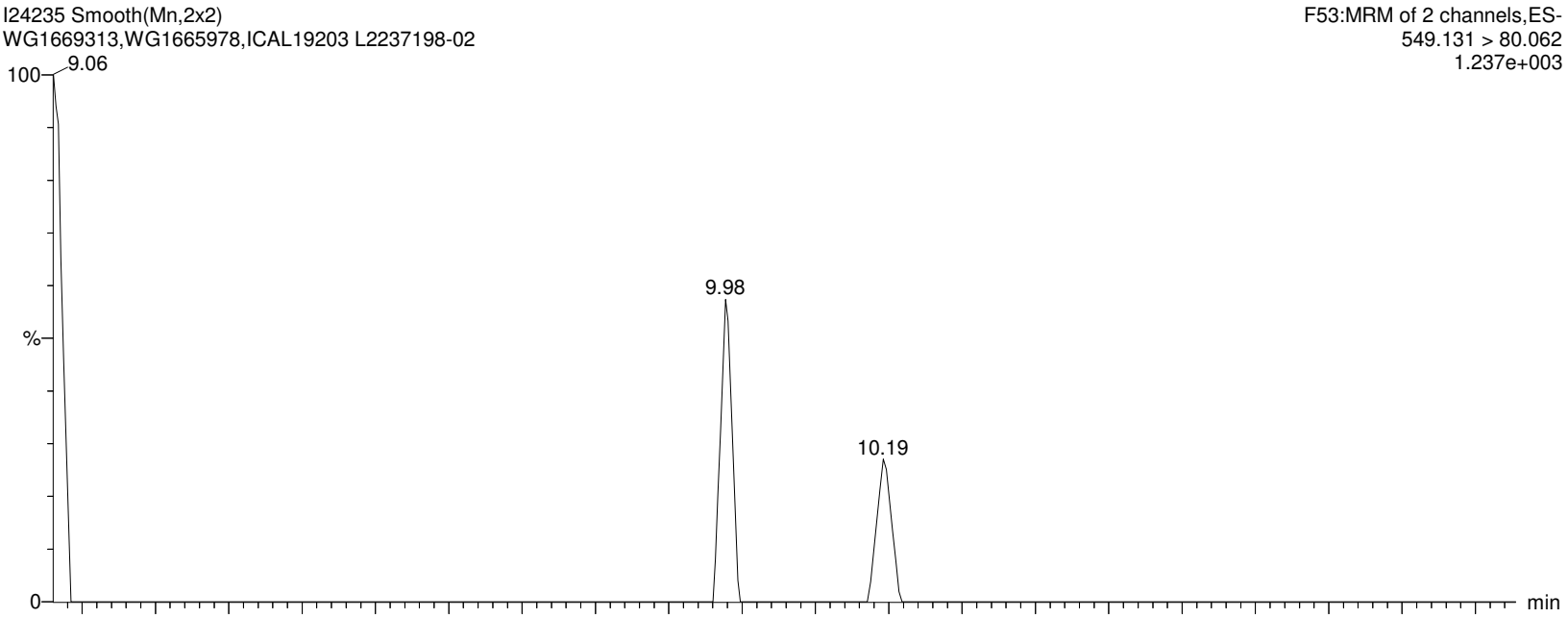


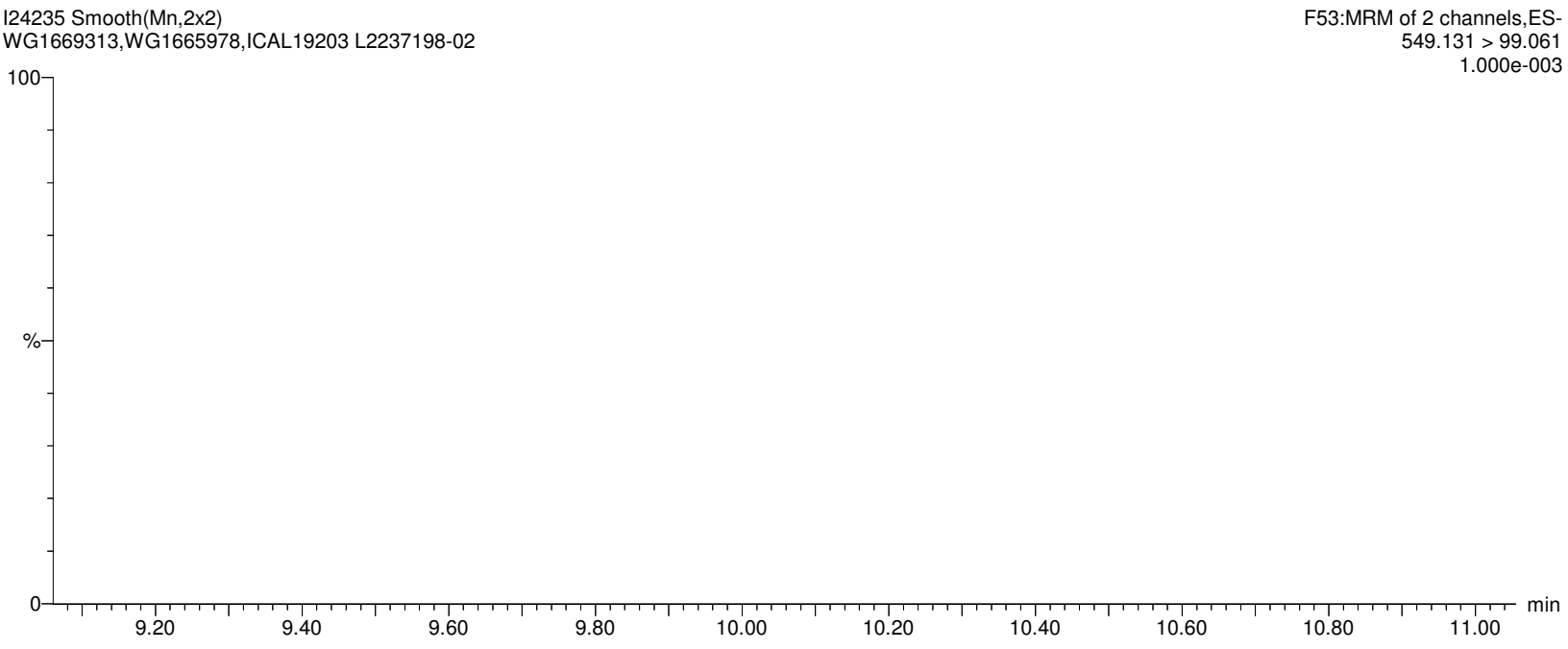
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:29 Eastern Daylight Time

Name: I24235
ID: L2237198-02
Date: 31-Jul-2022
Time: 01:07:57
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFNS



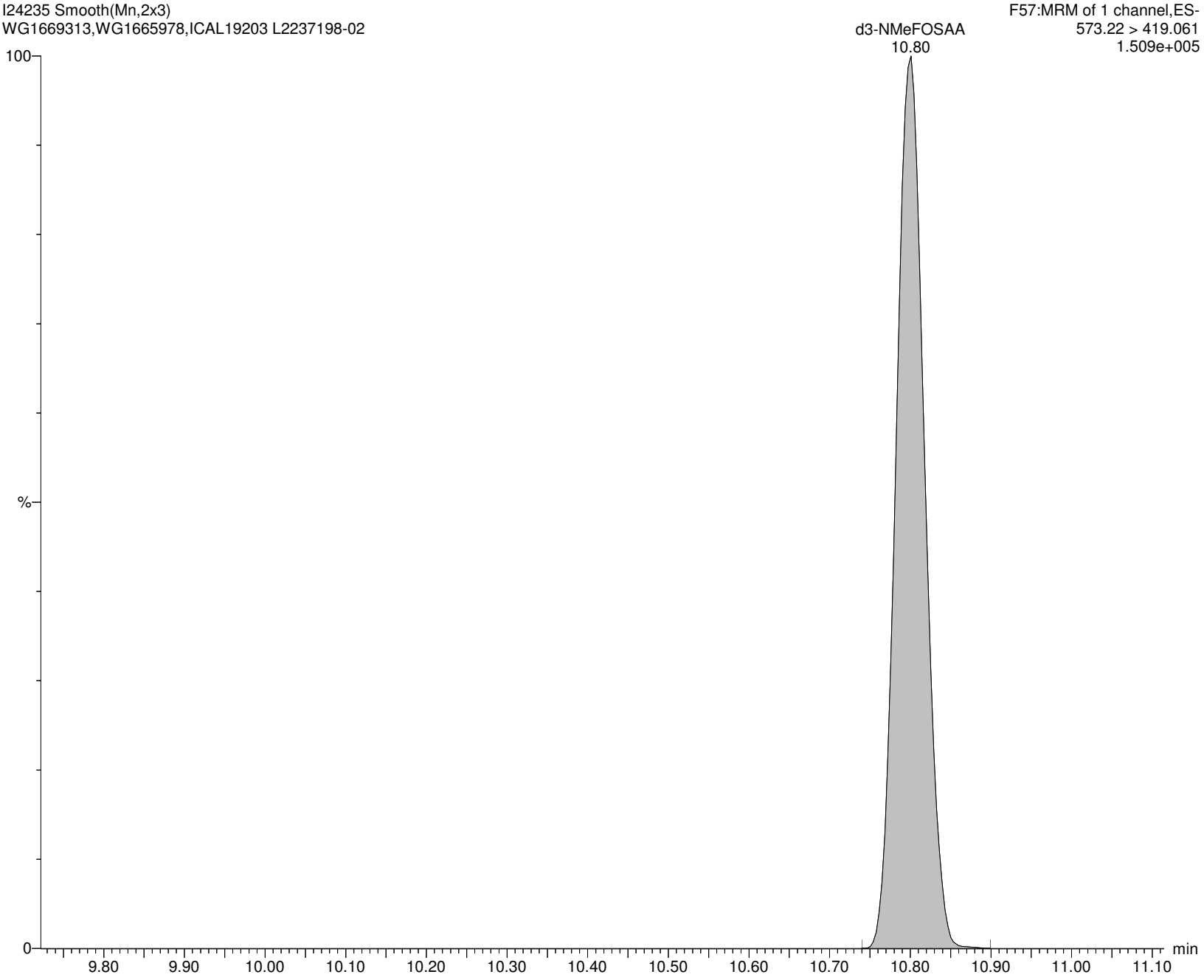


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:29 Eastern Daylight Time

Name: I24235
ID: L2237198-02
Date: 31-Jul-2022
Time: 01:07:57
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

d3-NMeFOSAA

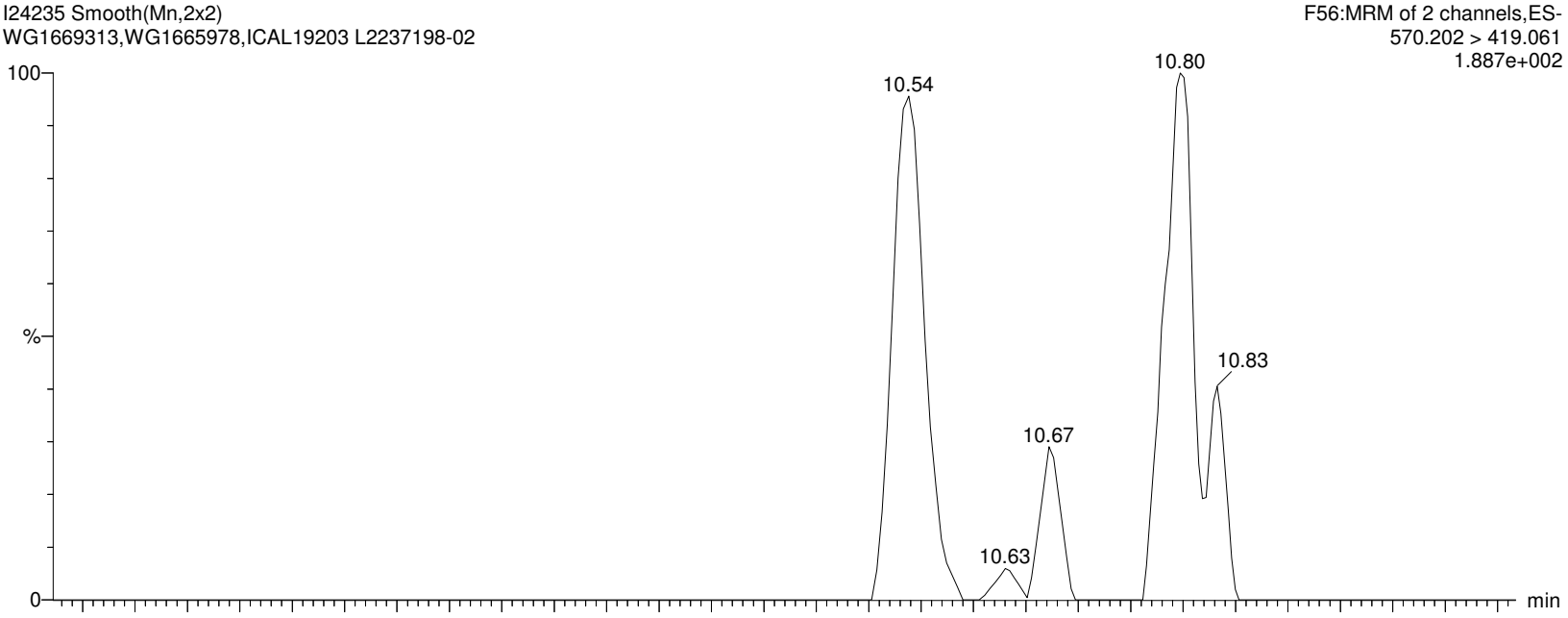


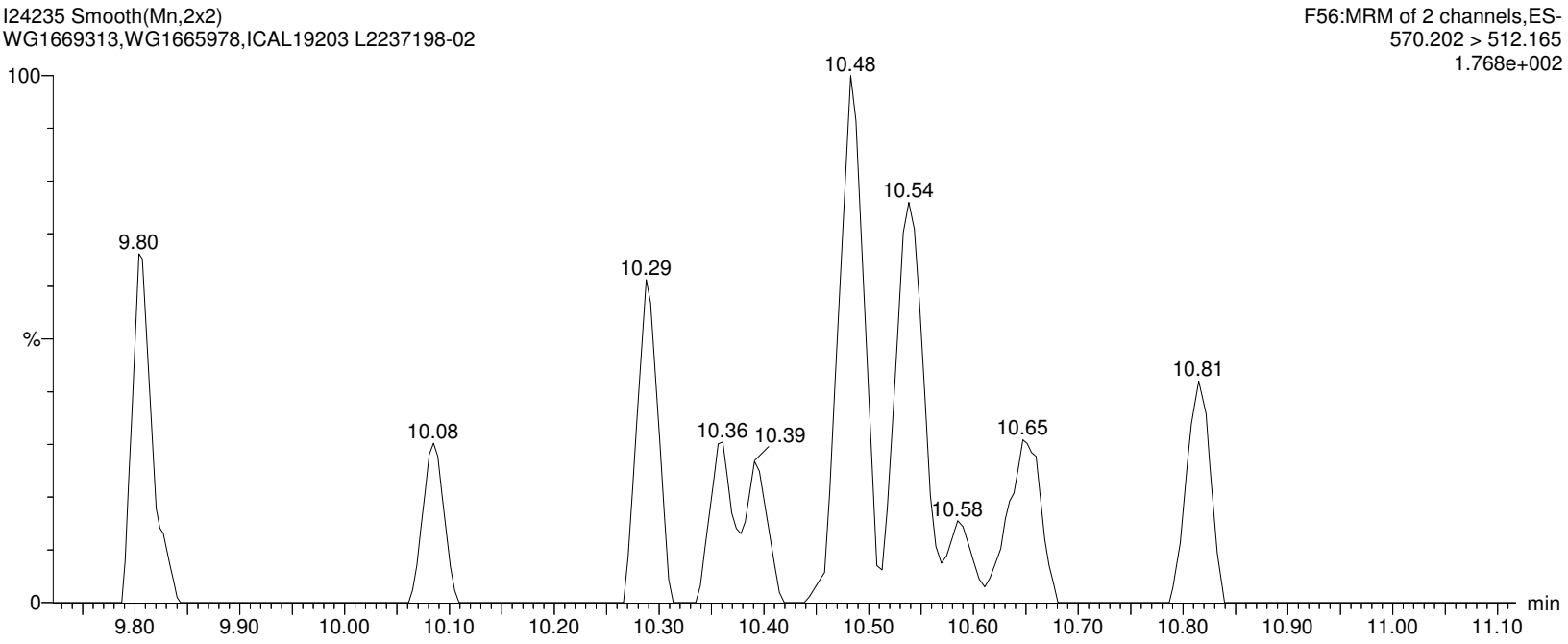
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:29 Eastern Daylight Time

Name: I24235
ID: L2237198-02
Date: 31-Jul-2022
Time: 01:07:57
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

br-NMeFOSAA



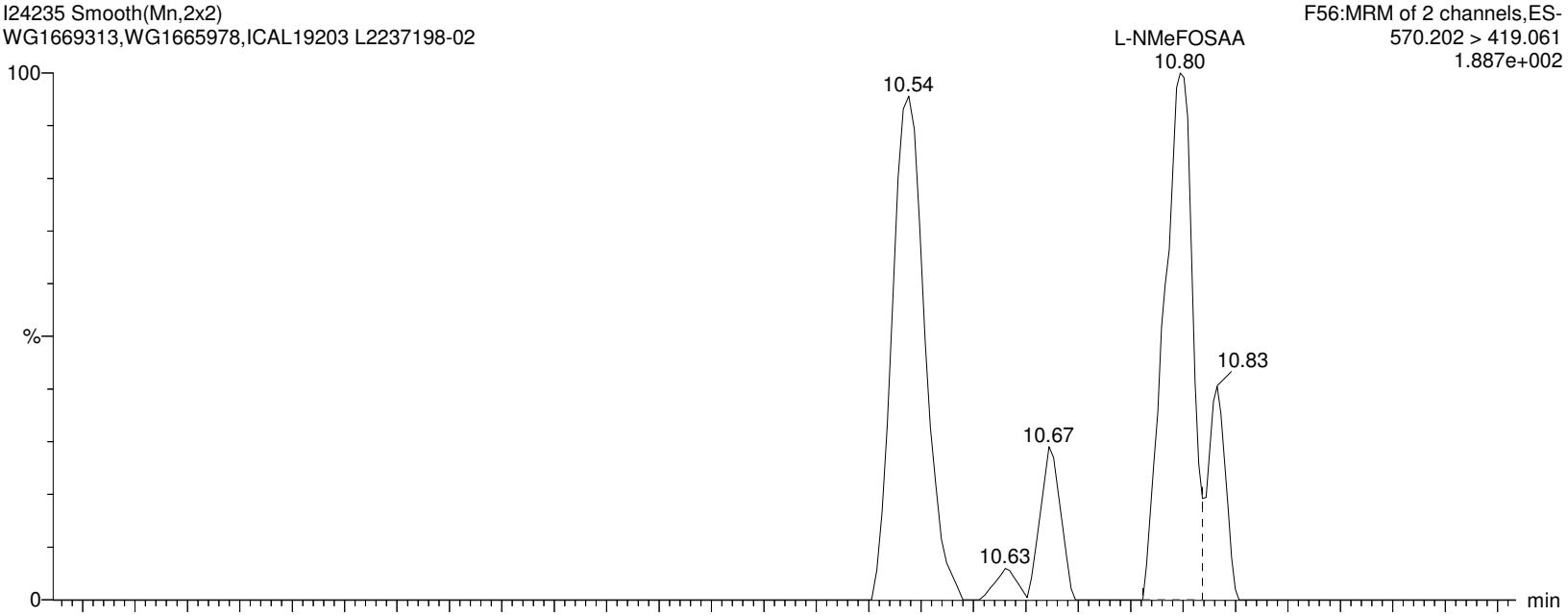


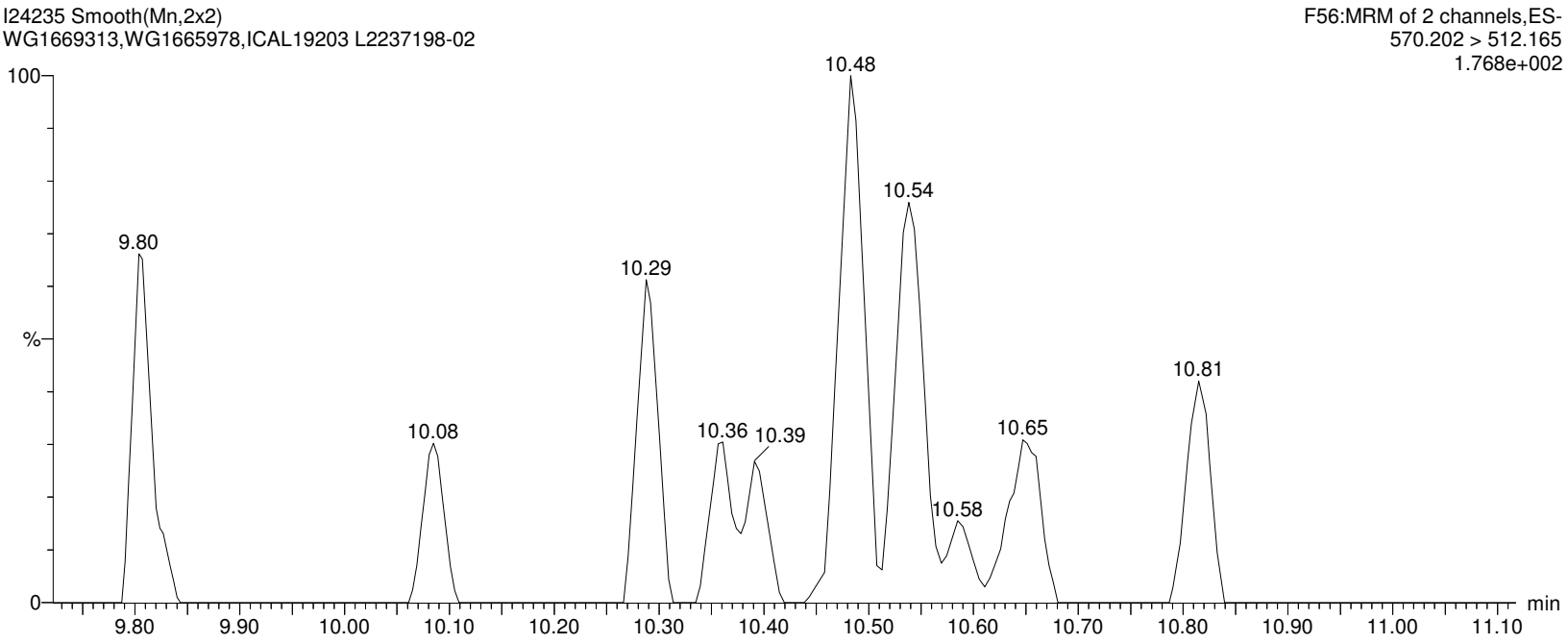
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:29 Eastern Daylight Time

Name: I24235
ID: L2237198-02
Date: 31-Jul-2022
Time: 01:07:57
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

L-NMeFOSAA



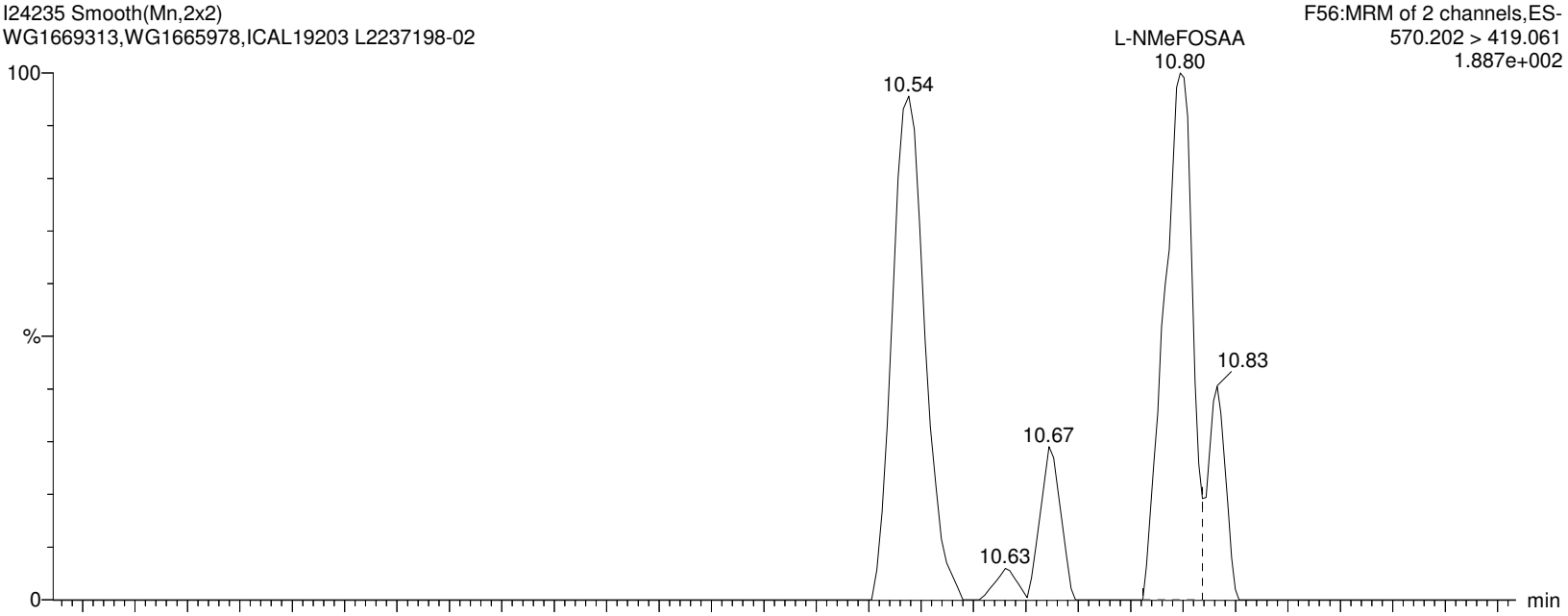


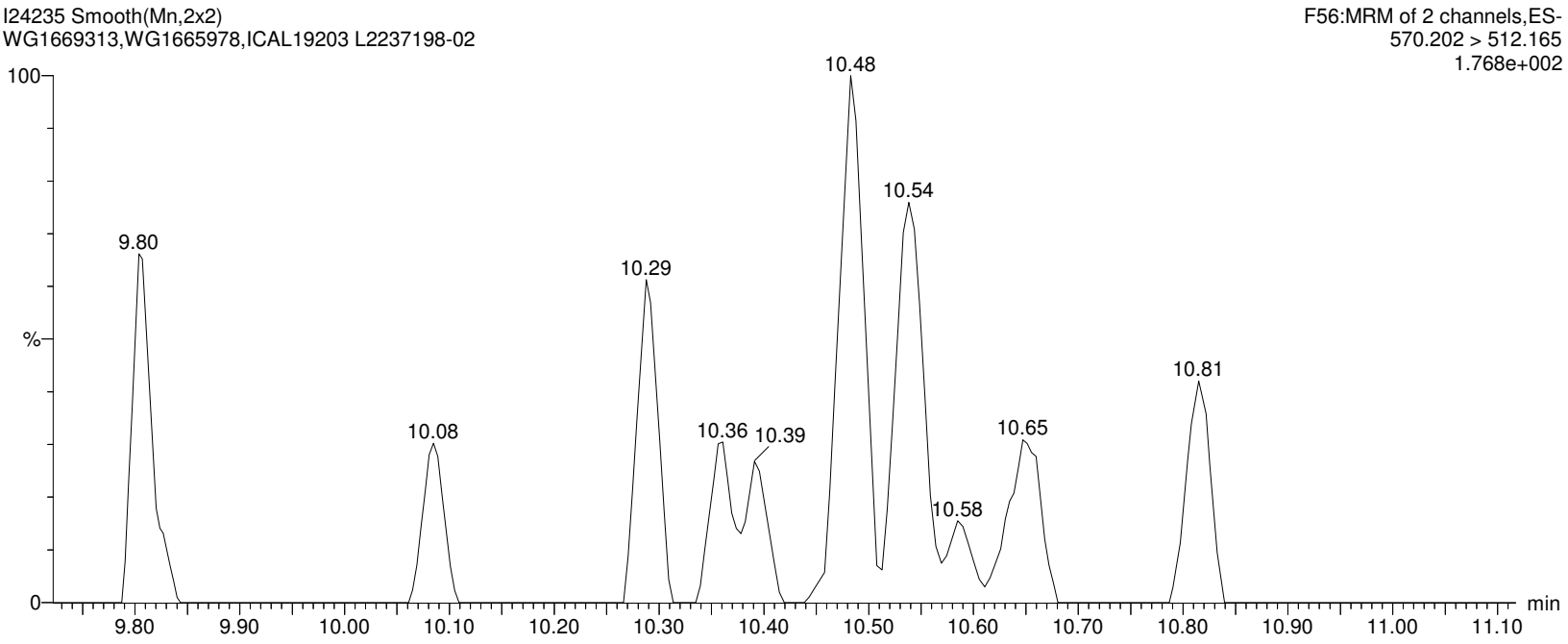
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:29 Eastern Daylight Time

Name: I24235
ID: L2237198-02
Date: 31-Jul-2022
Time: 01:07:57
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

NMeFOSAA



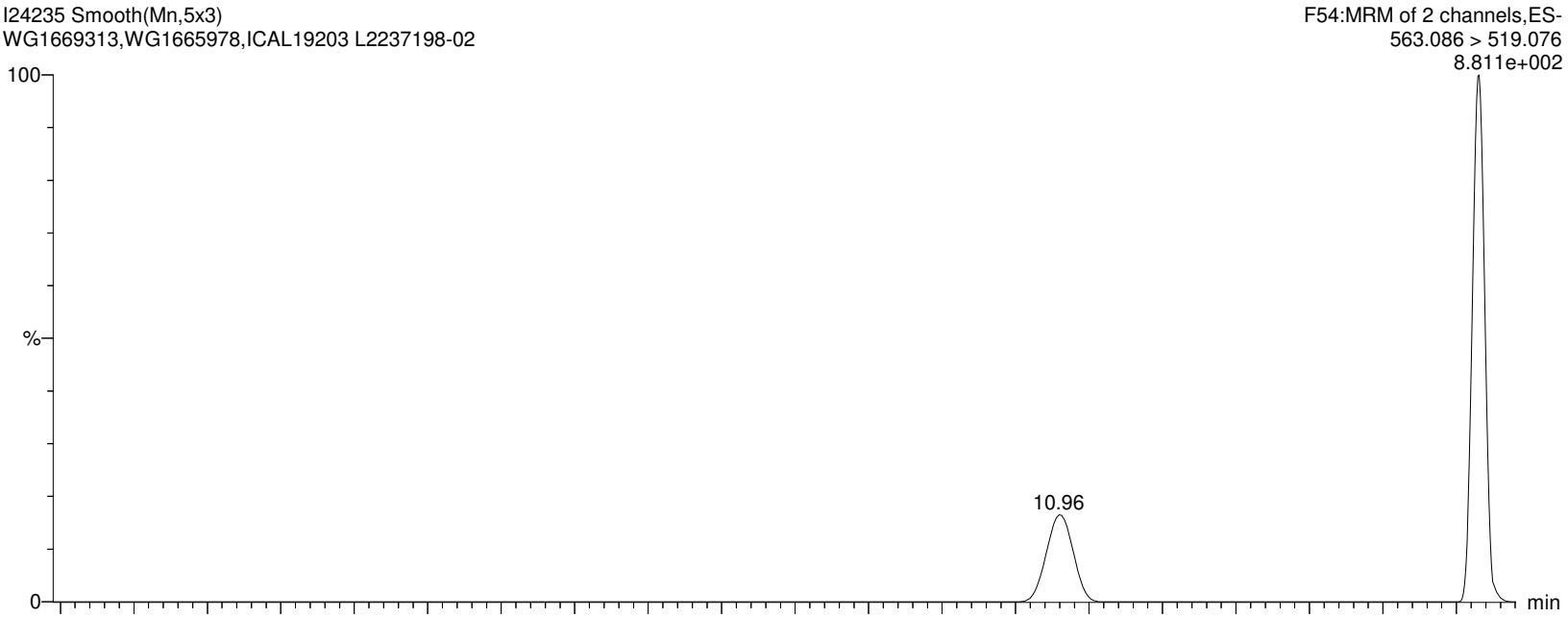


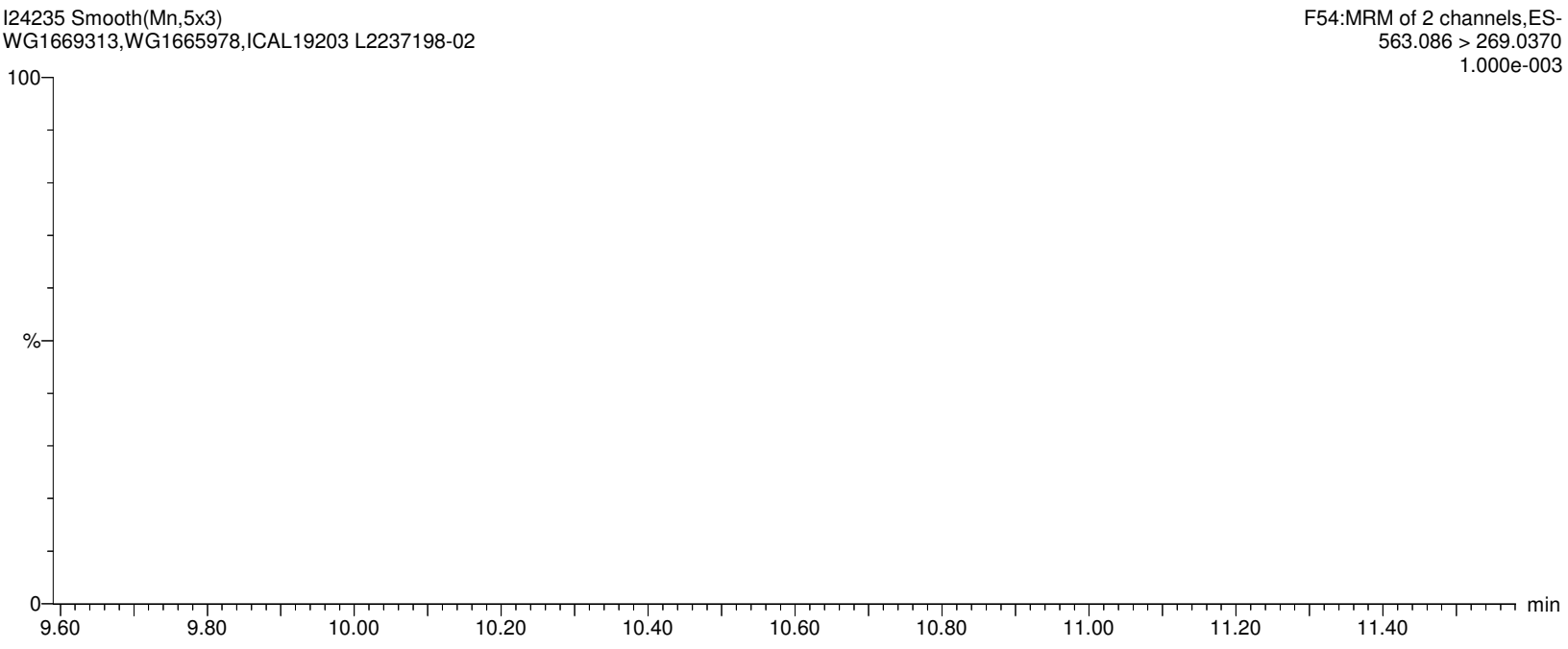
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:29 Eastern Daylight Time

Name: I24235
ID: L2237198-02
Date: 31-Jul-2022
Time: 01:07:57
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFUnA



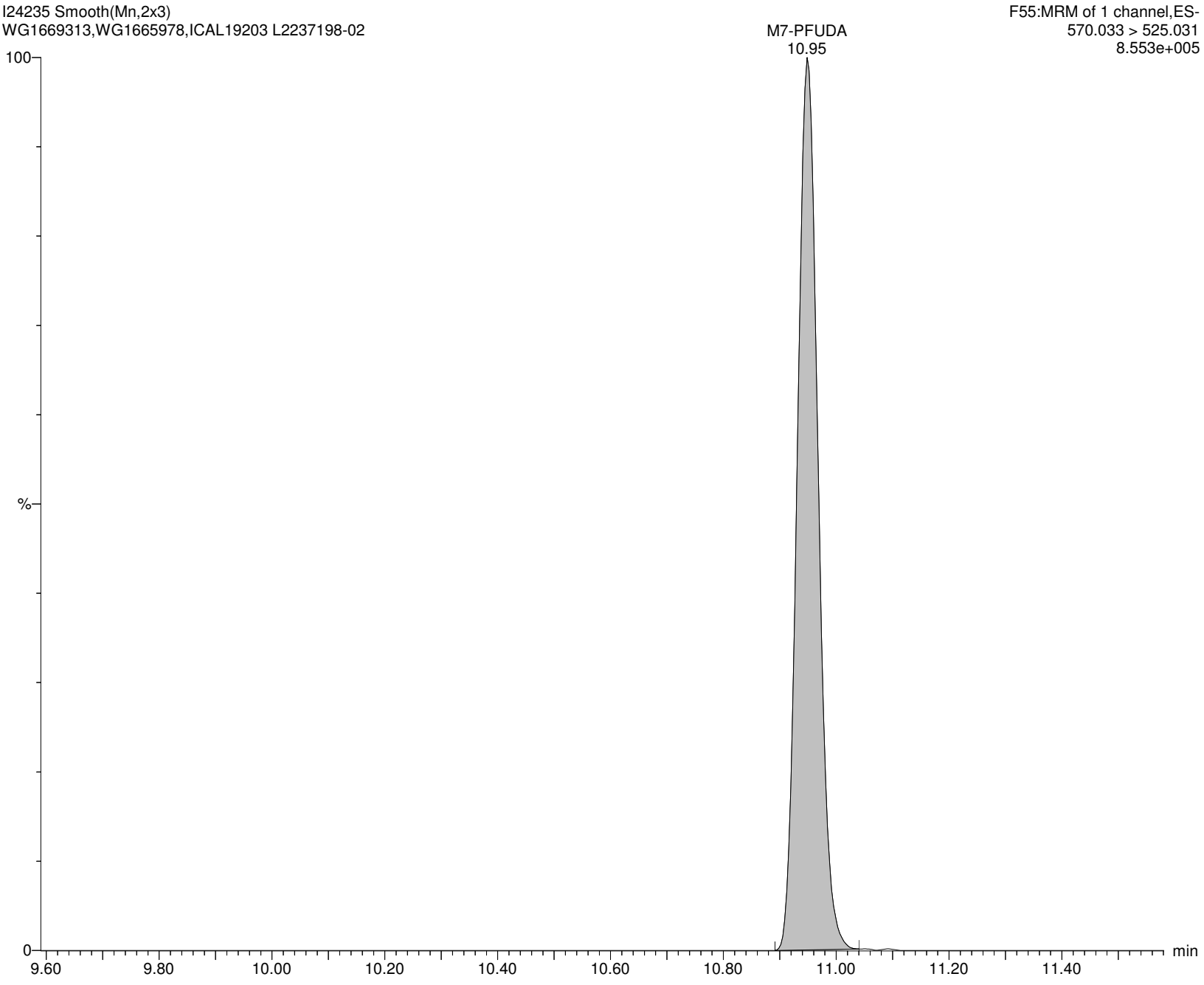


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:29 Eastern Daylight Time

Name: I24235
ID: L2237198-02
Date: 31-Jul-2022
Time: 01:07:57
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M7-PFUDA

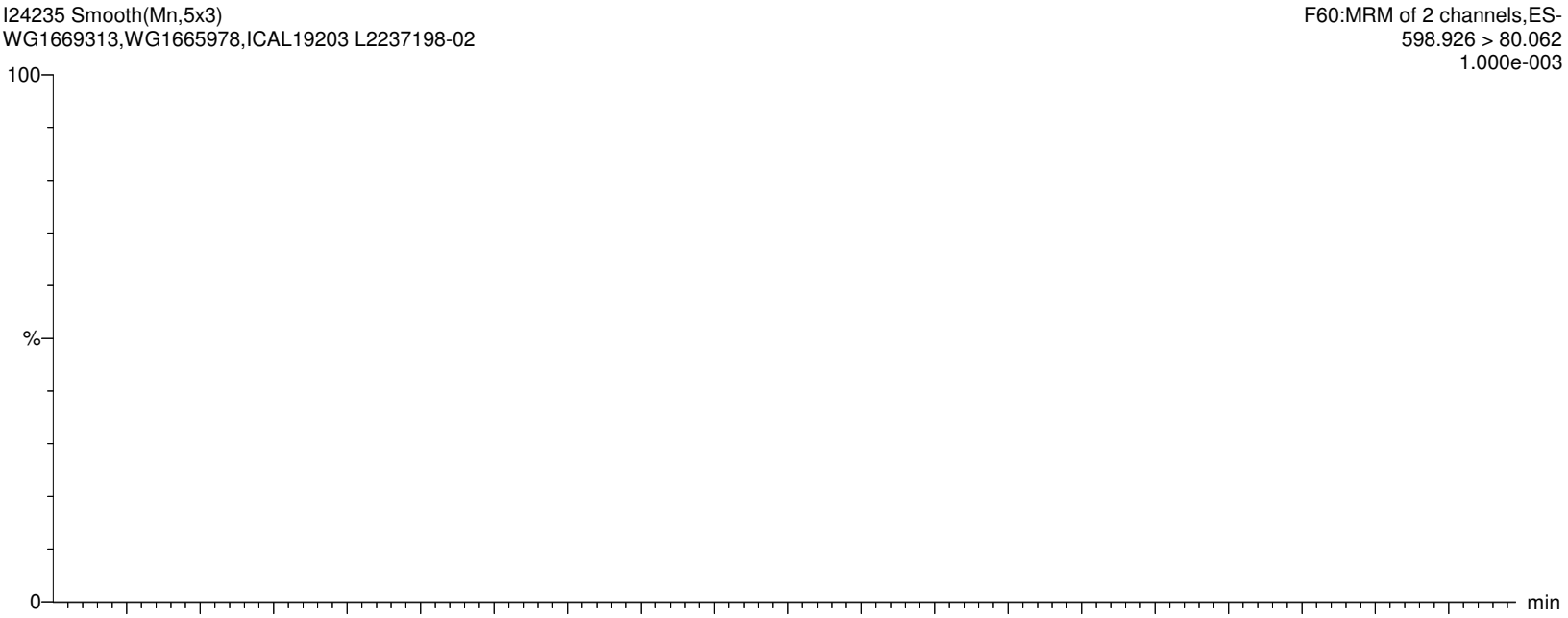


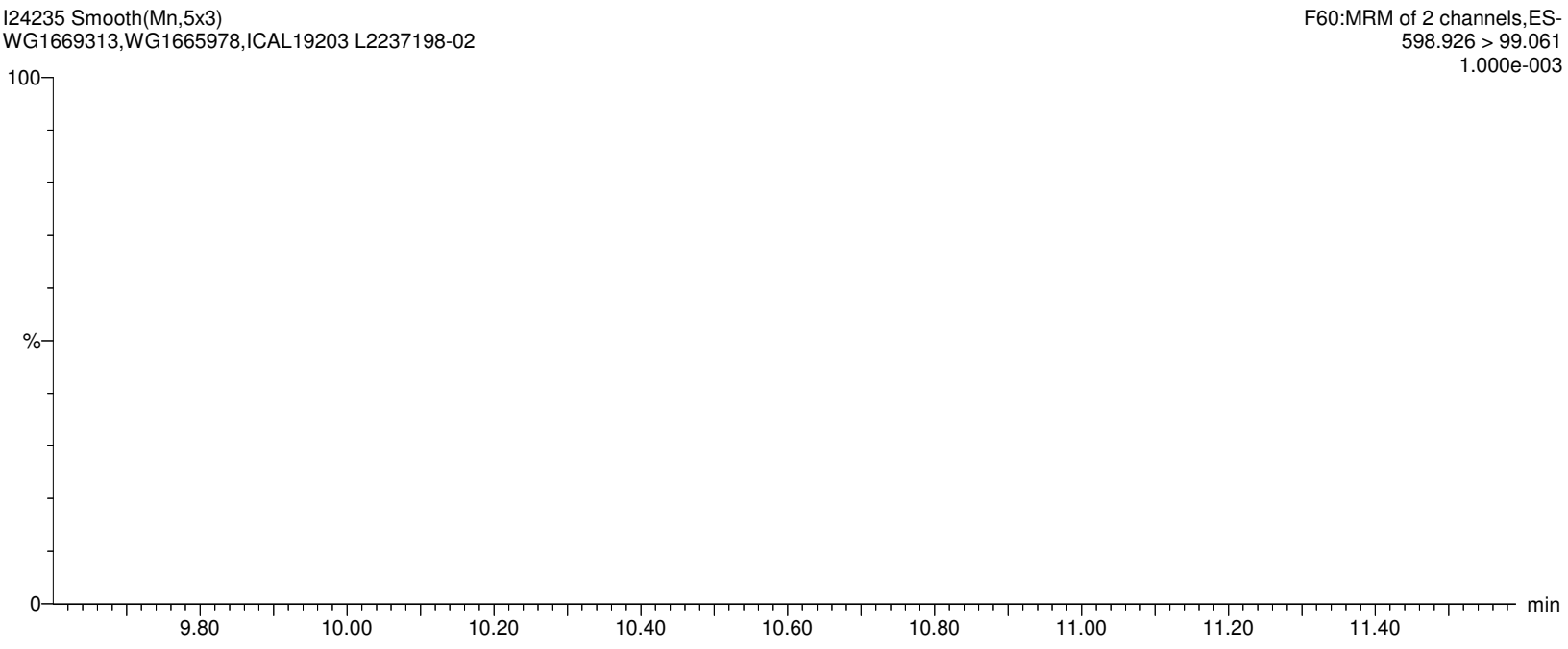
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:29 Eastern Daylight Time

Name: I24235
ID: L2237198-02
Date: 31-Jul-2022
Time: 01:07:57
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFDS



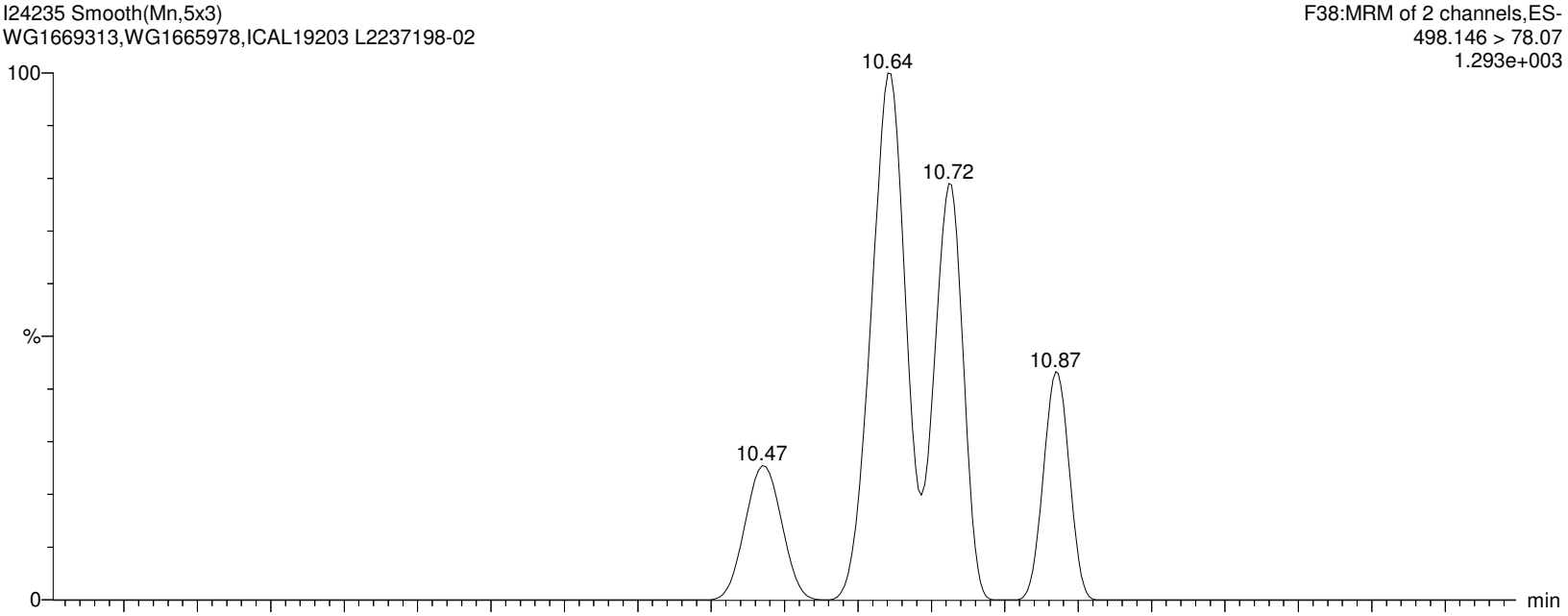


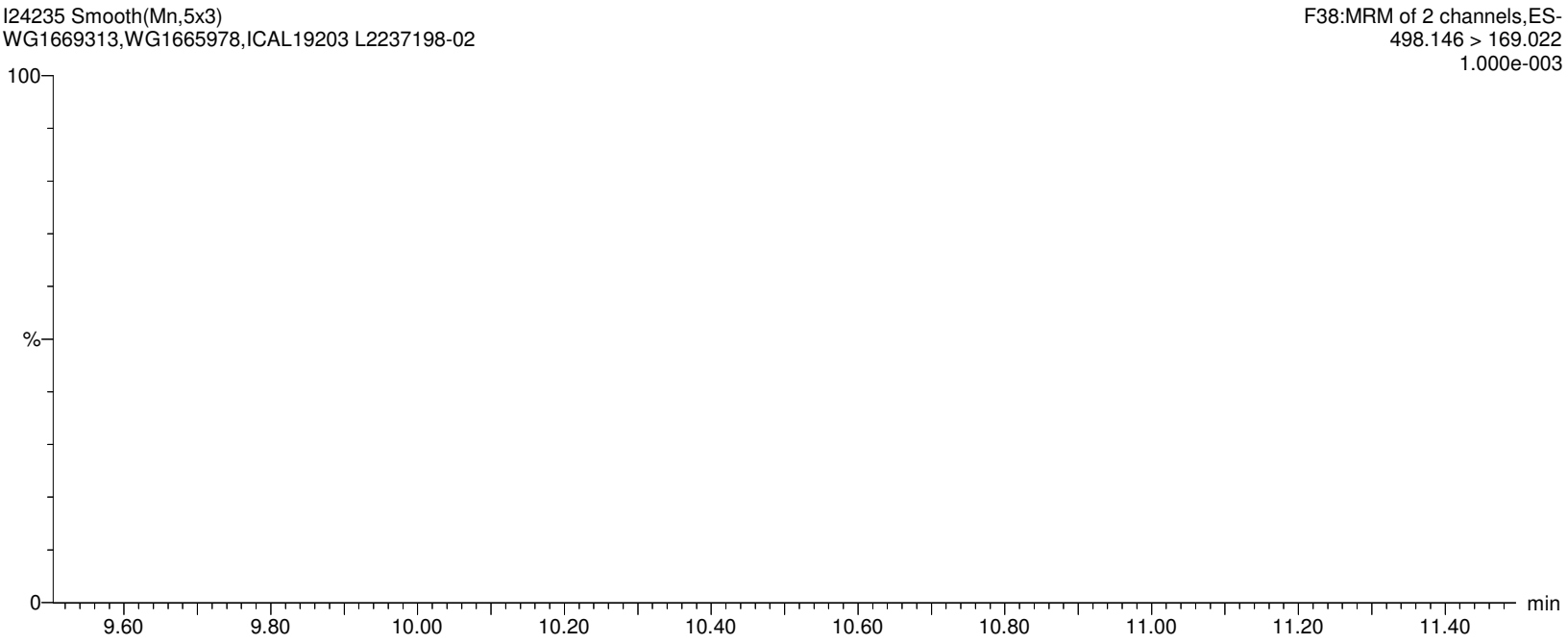
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:29 Eastern Daylight Time

Name: I24235
ID: L2237198-02
Date: 31-Jul-2022
Time: 01:07:57
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

FOSA



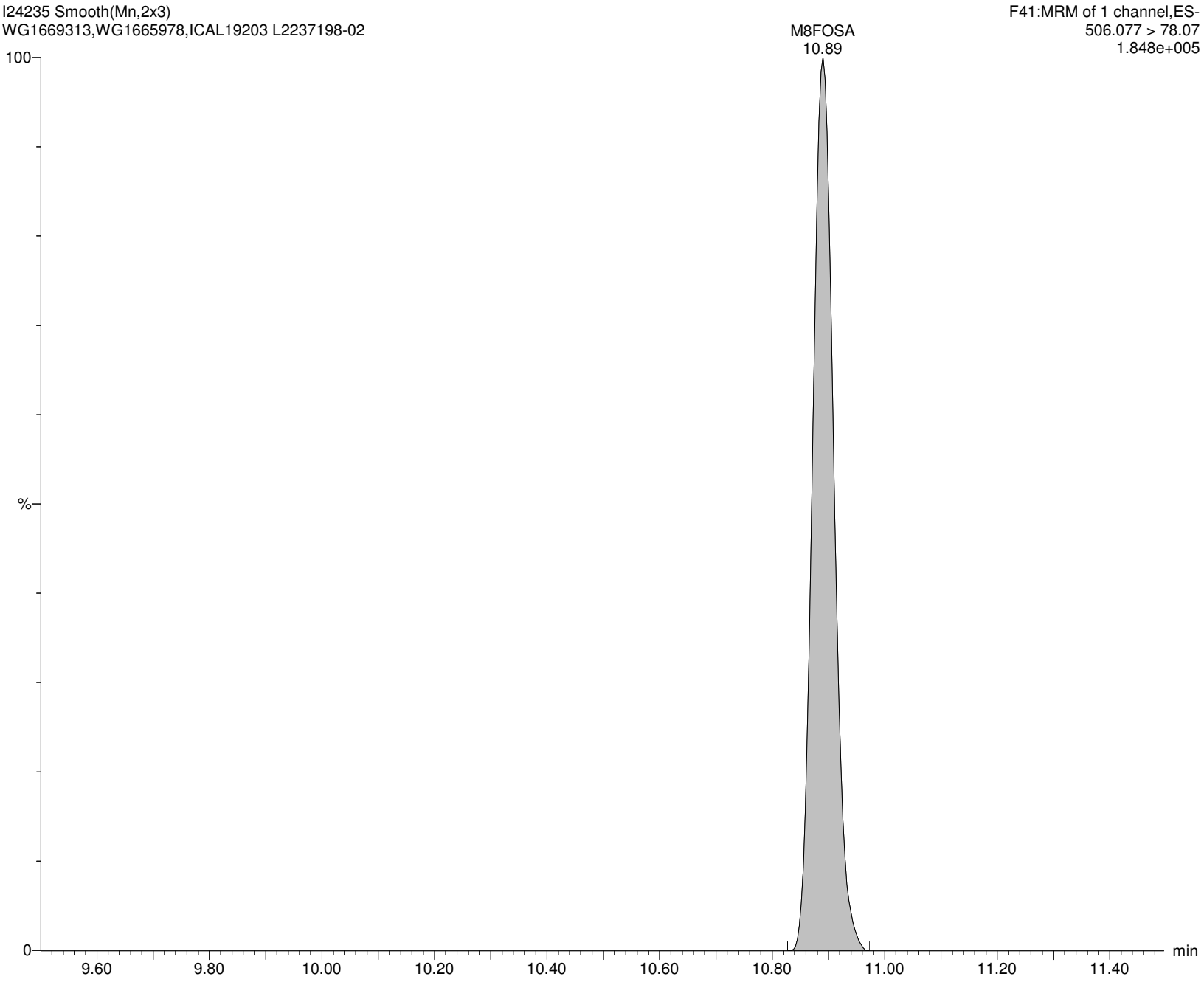


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:29 Eastern Daylight Time

Name: I24235
ID: L2237198-02
Date: 31-Jul-2022
Time: 01:07:57
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M8FOSA

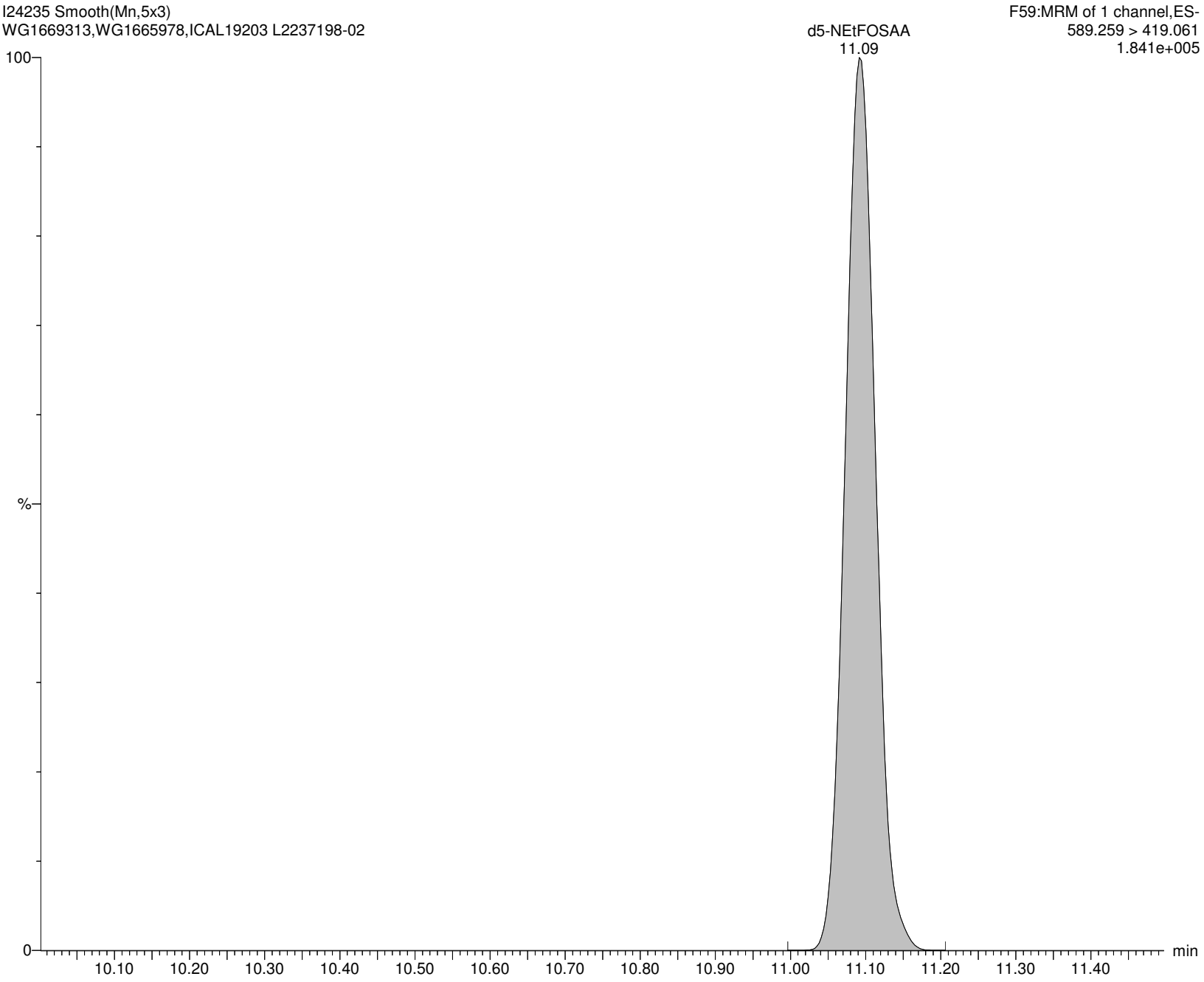


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:29 Eastern Daylight Time

Name: I24235
ID: L2237198-02
Date: 31-Jul-2022
Time: 01:07:57
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

d5-NEtFOSAA

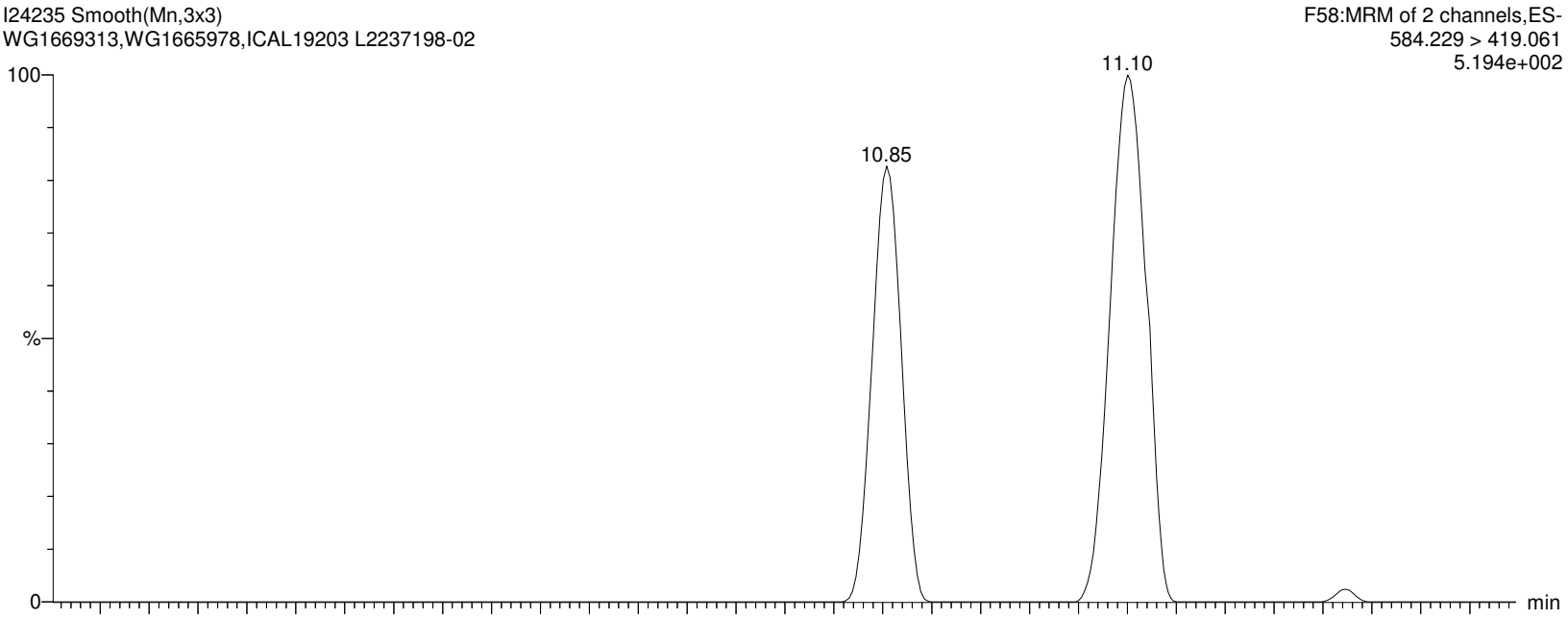


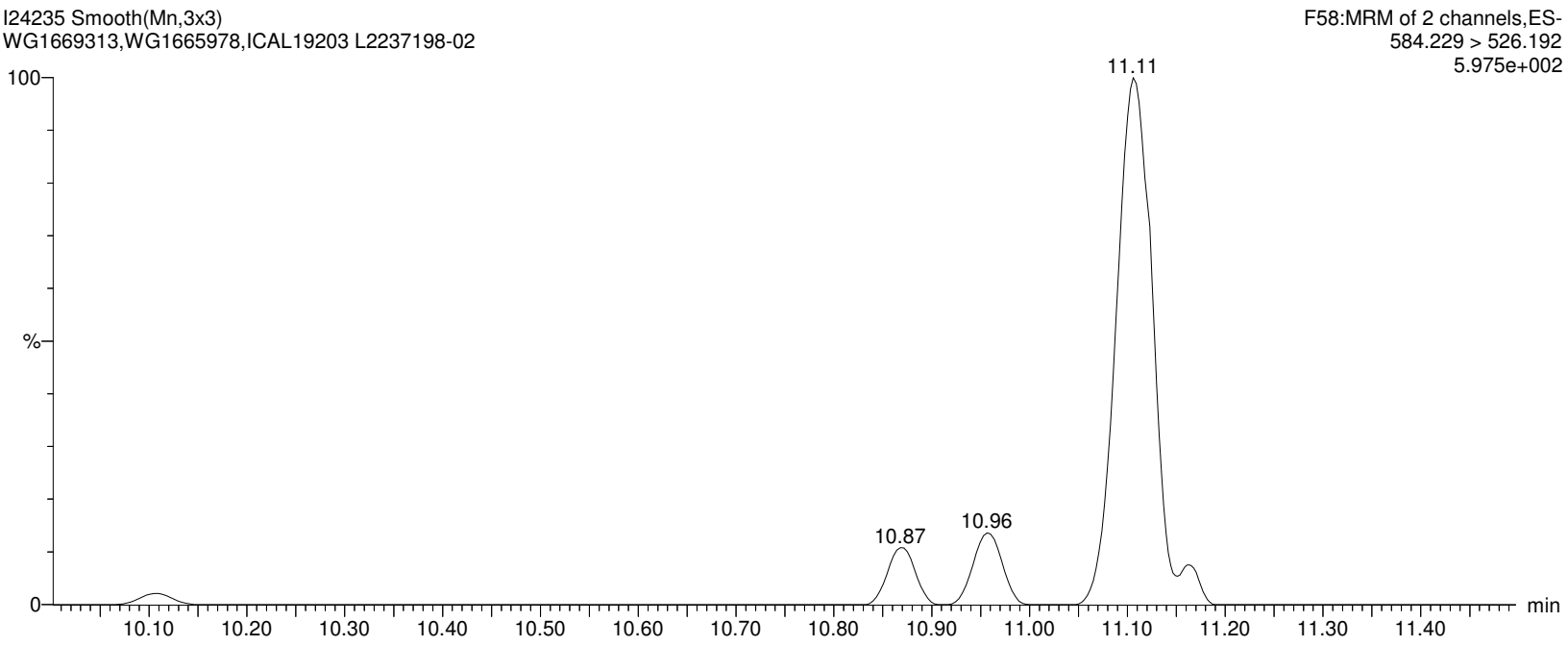
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:29 Eastern Daylight Time

Name: I24235
ID: L2237198-02
Date: 31-Jul-2022
Time: 01:07:57
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

br-NEtFOSAA



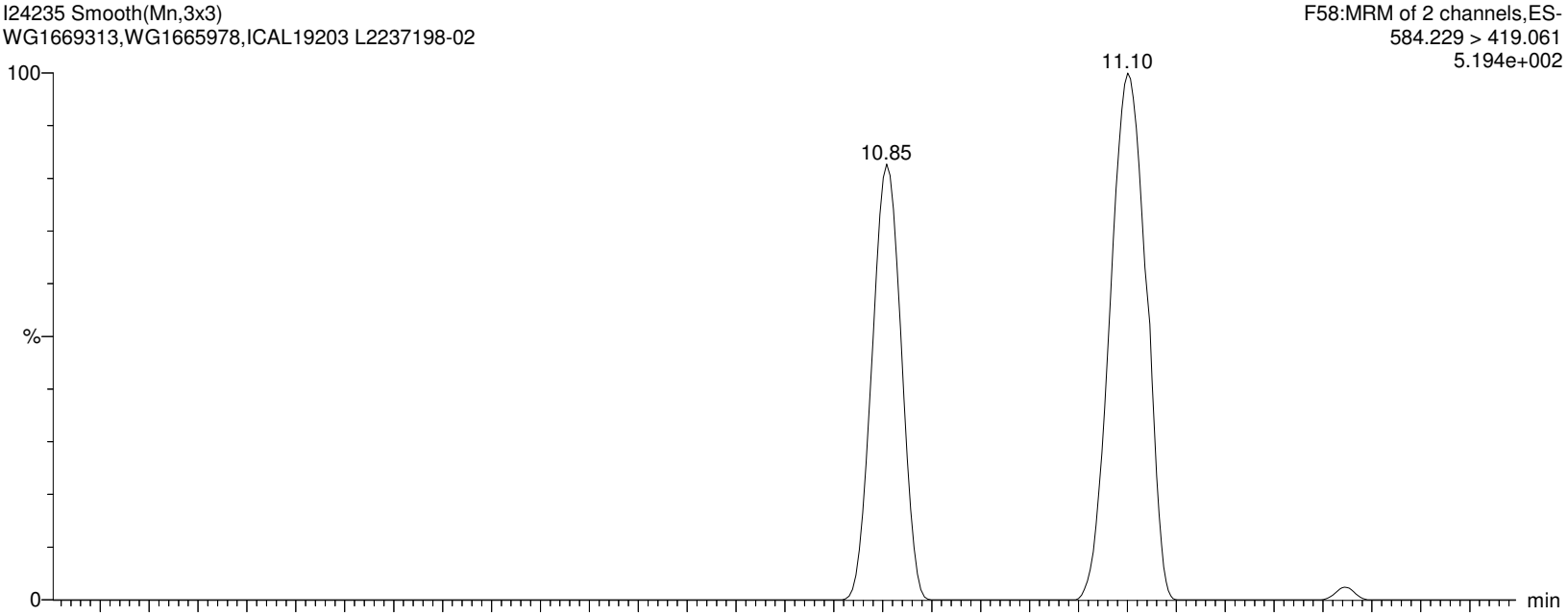


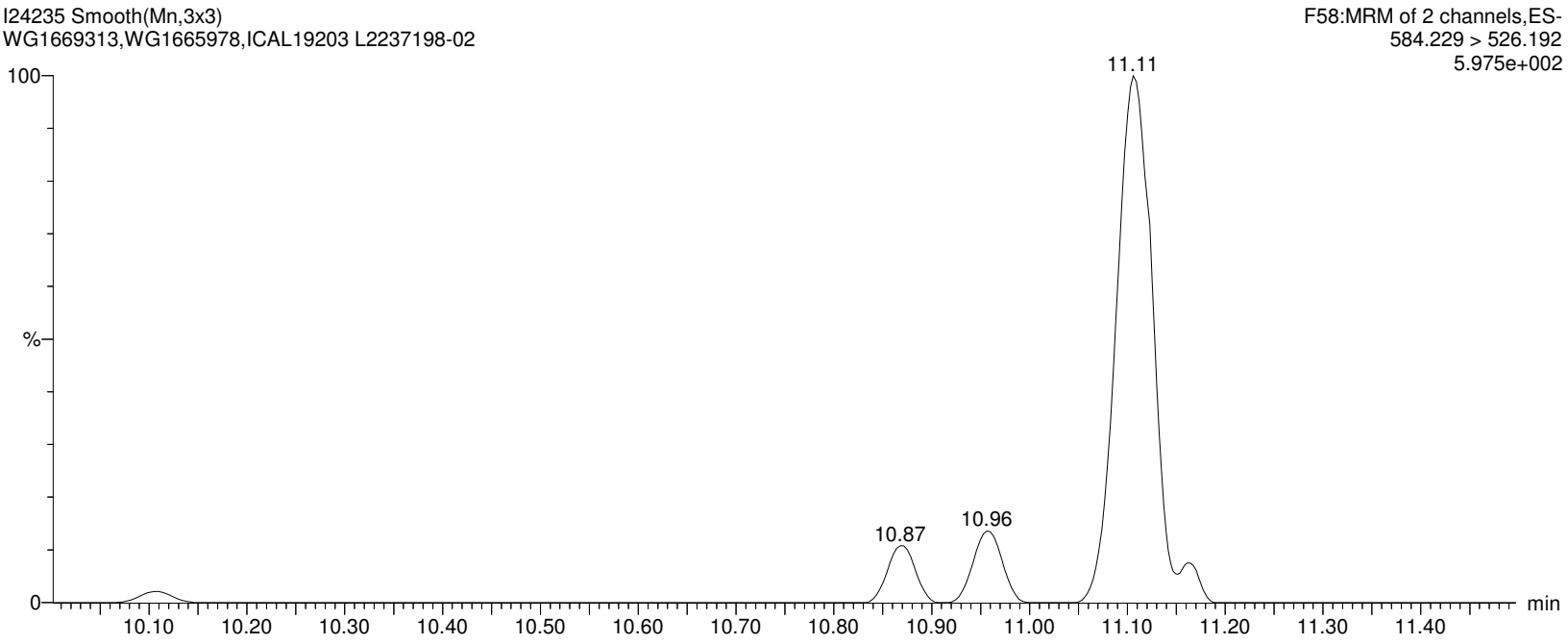
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:29 Eastern Daylight Time

Name: I24235
ID: L2237198-02
Date: 31-Jul-2022
Time: 01:07:57
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

L-NEtFOSAA



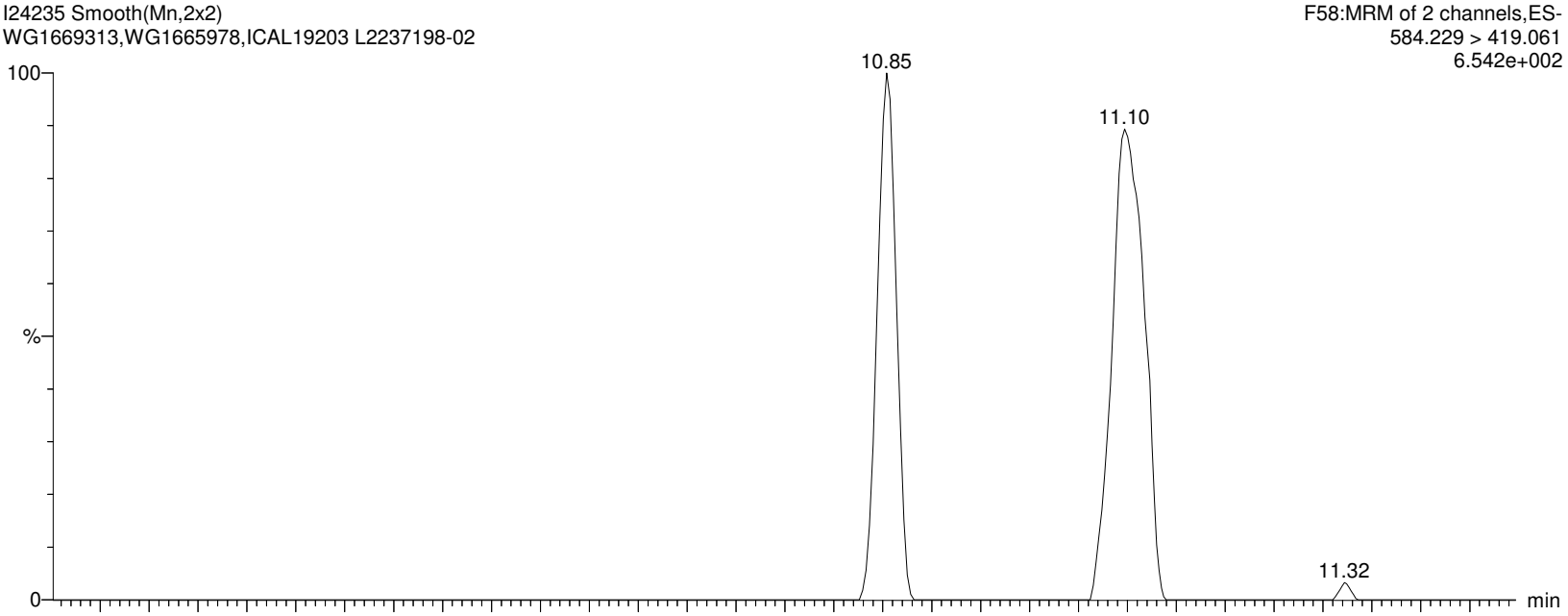


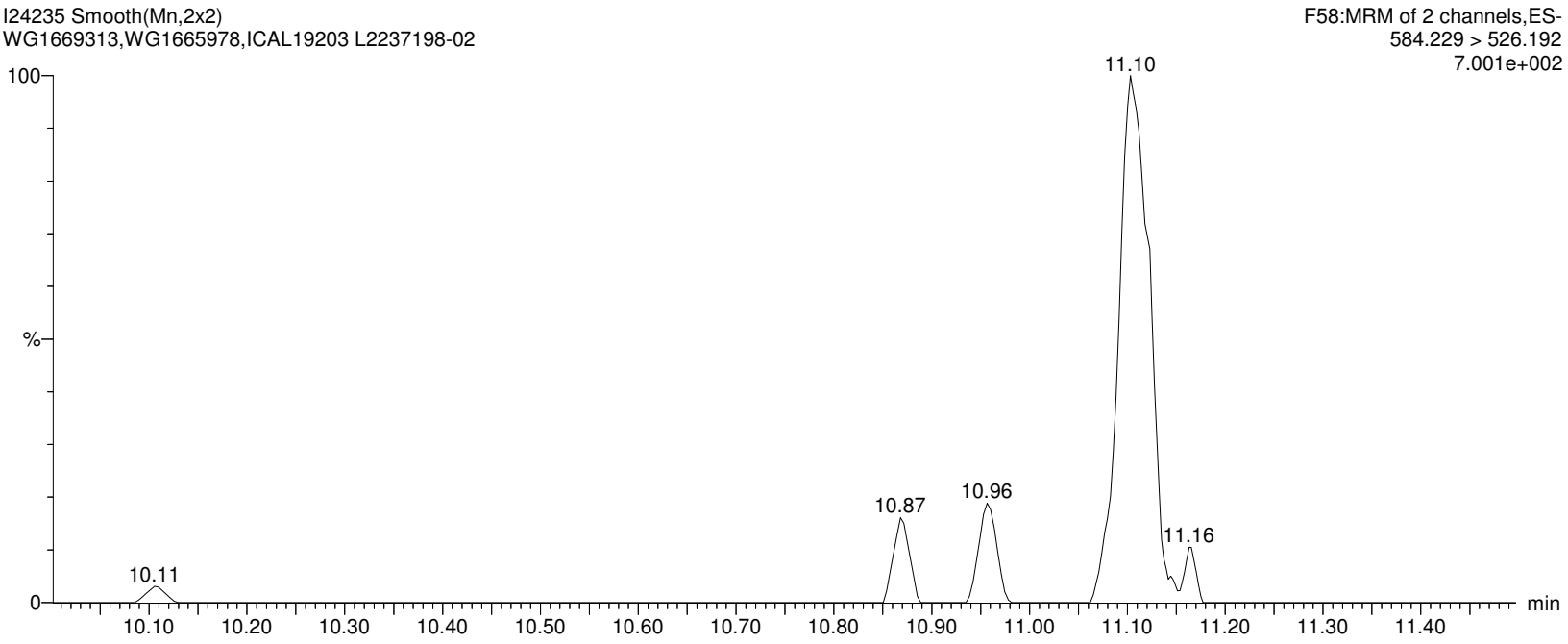
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:29 Eastern Daylight Time

Name: I24235
ID: L2237198-02
Date: 31-Jul-2022
Time: 01:07:57
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

NEtFOSAA



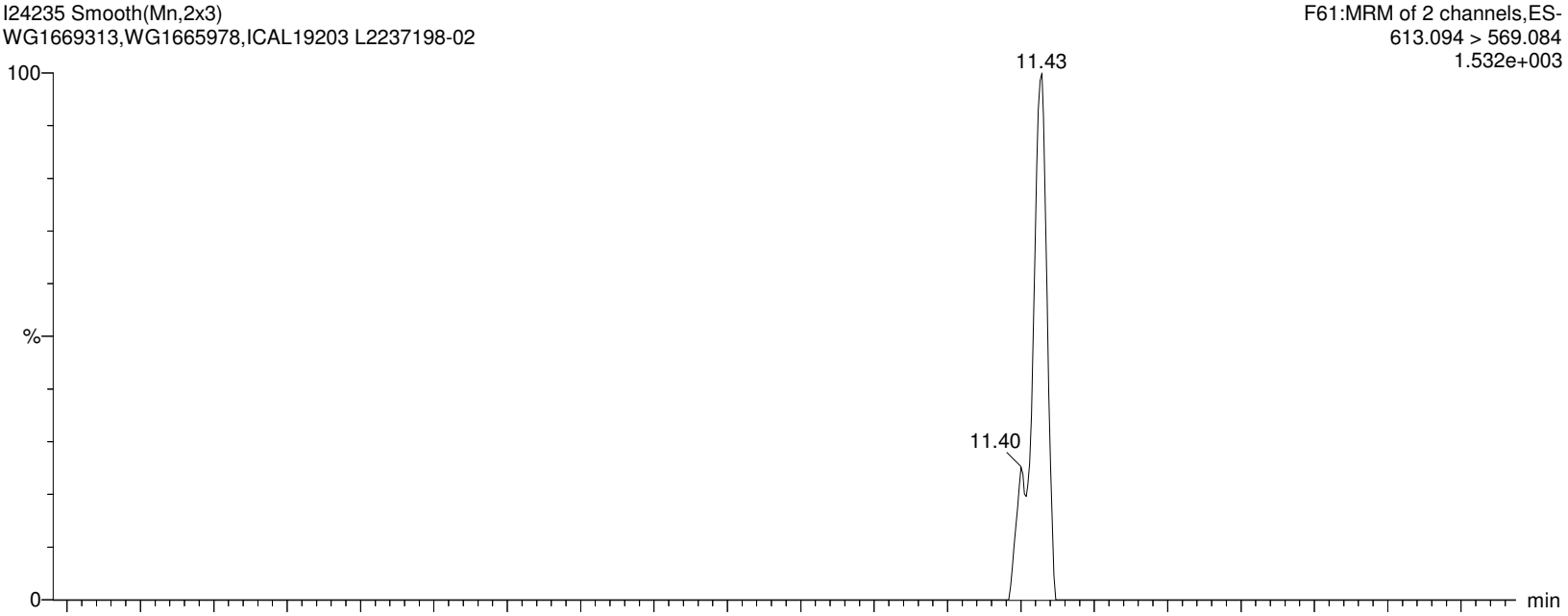


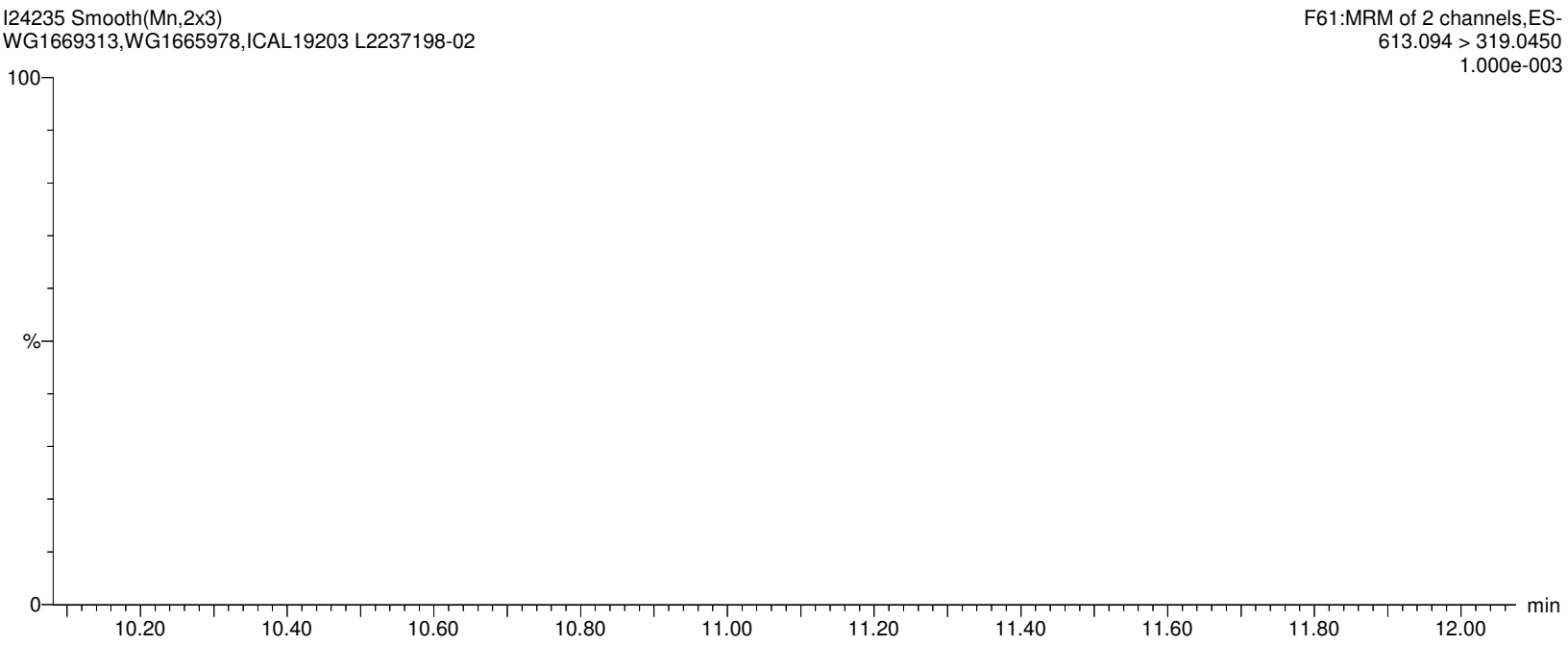
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:29 Eastern Daylight Time

Name: I24235
ID: L2237198-02
Date: 31-Jul-2022
Time: 01:07:57
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFDoA



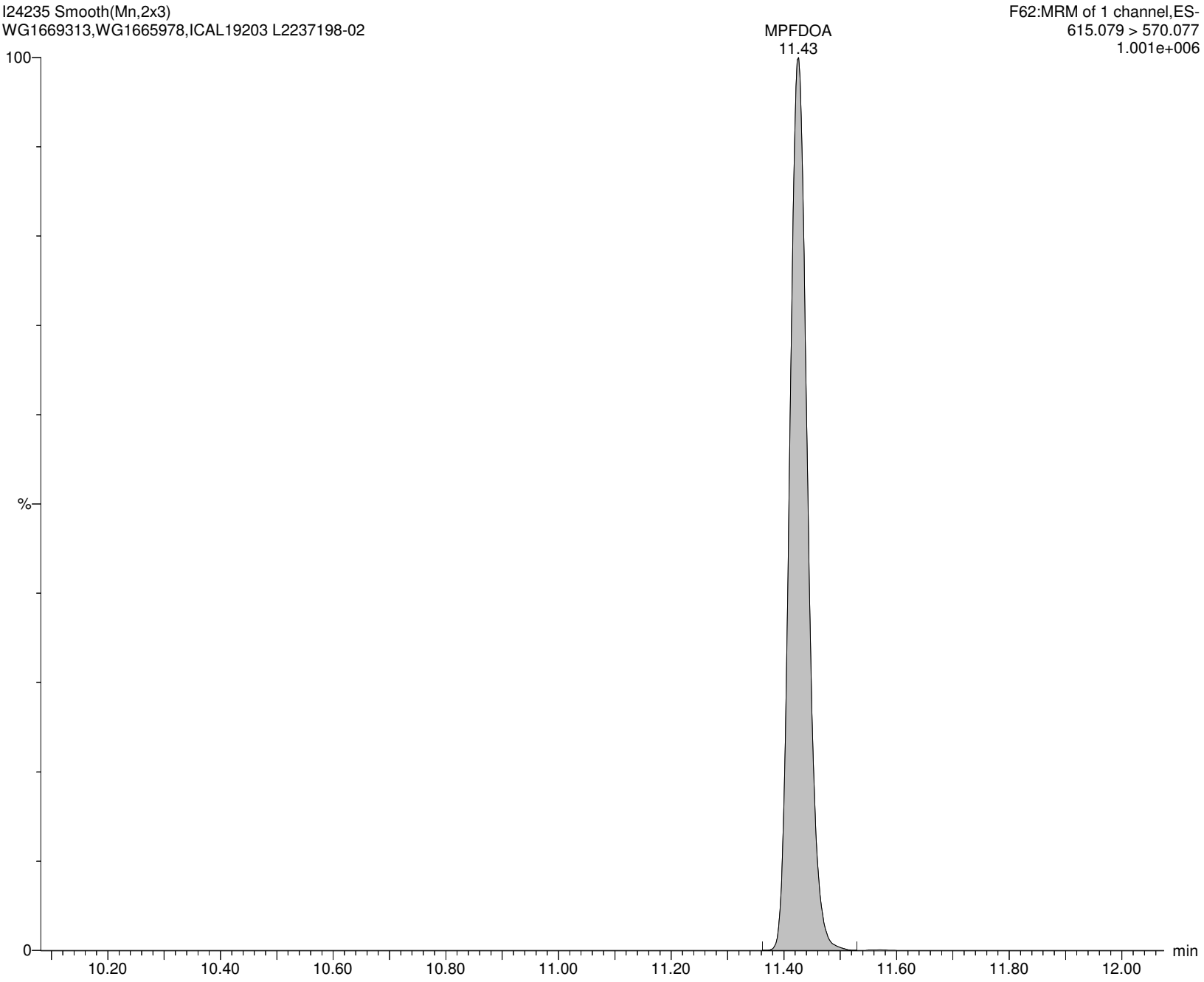


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:29 Eastern Daylight Time

Name: I24235
ID: L2237198-02
Date: 31-Jul-2022
Time: 01:07:57
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

MPFDOA

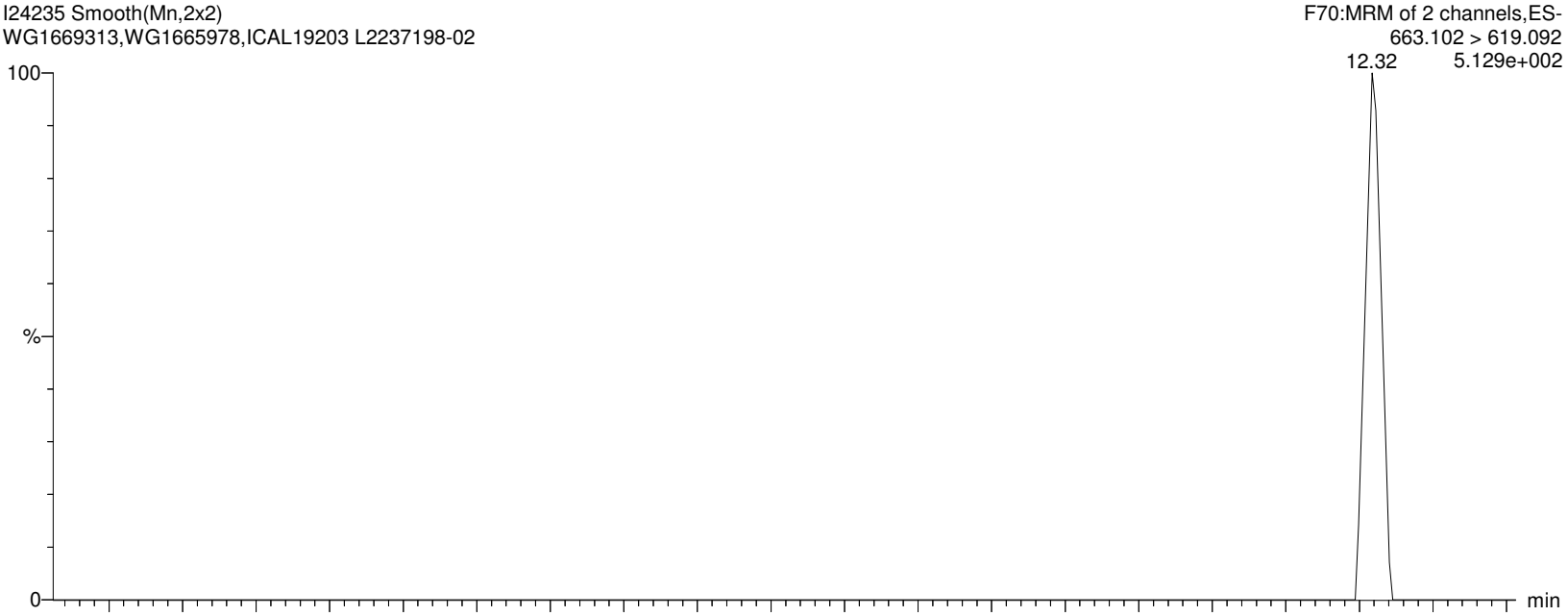


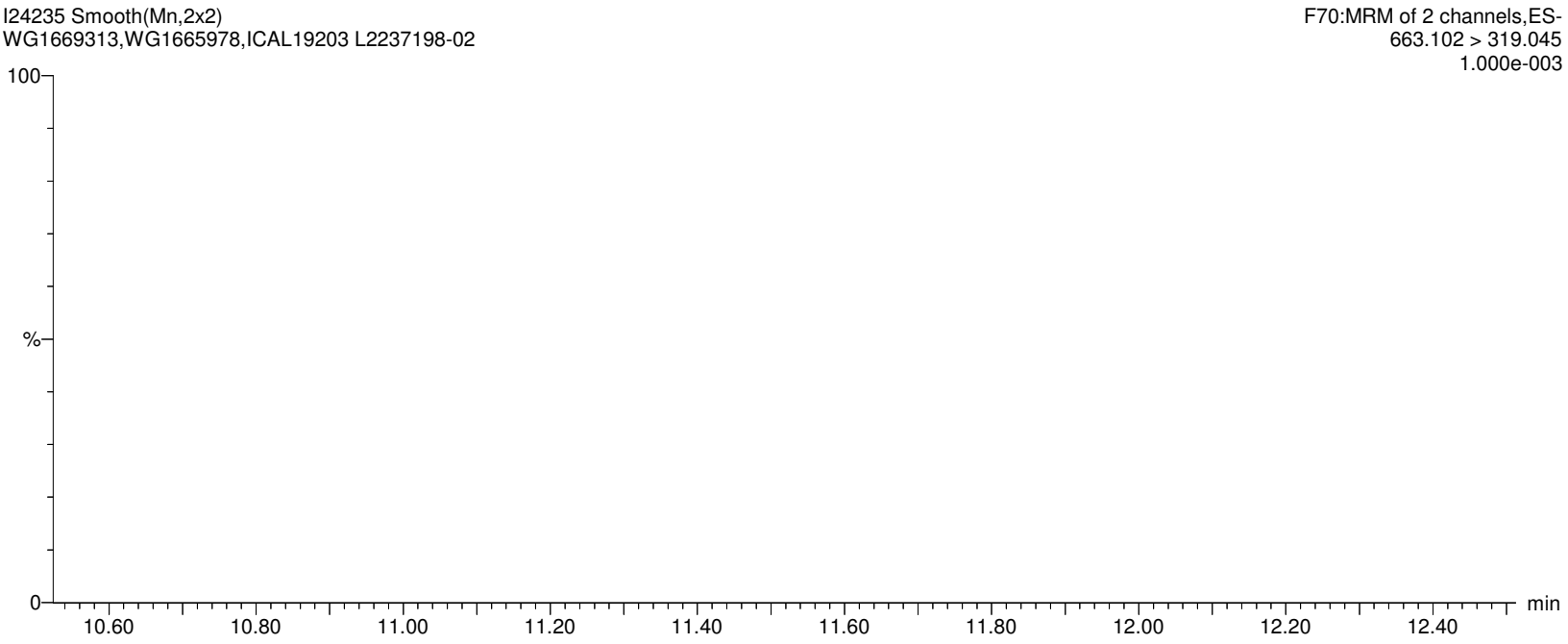
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:29 Eastern Daylight Time

Name: I24235
ID: L2237198-02
Date: 31-Jul-2022
Time: 01:07:57
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFTrDA



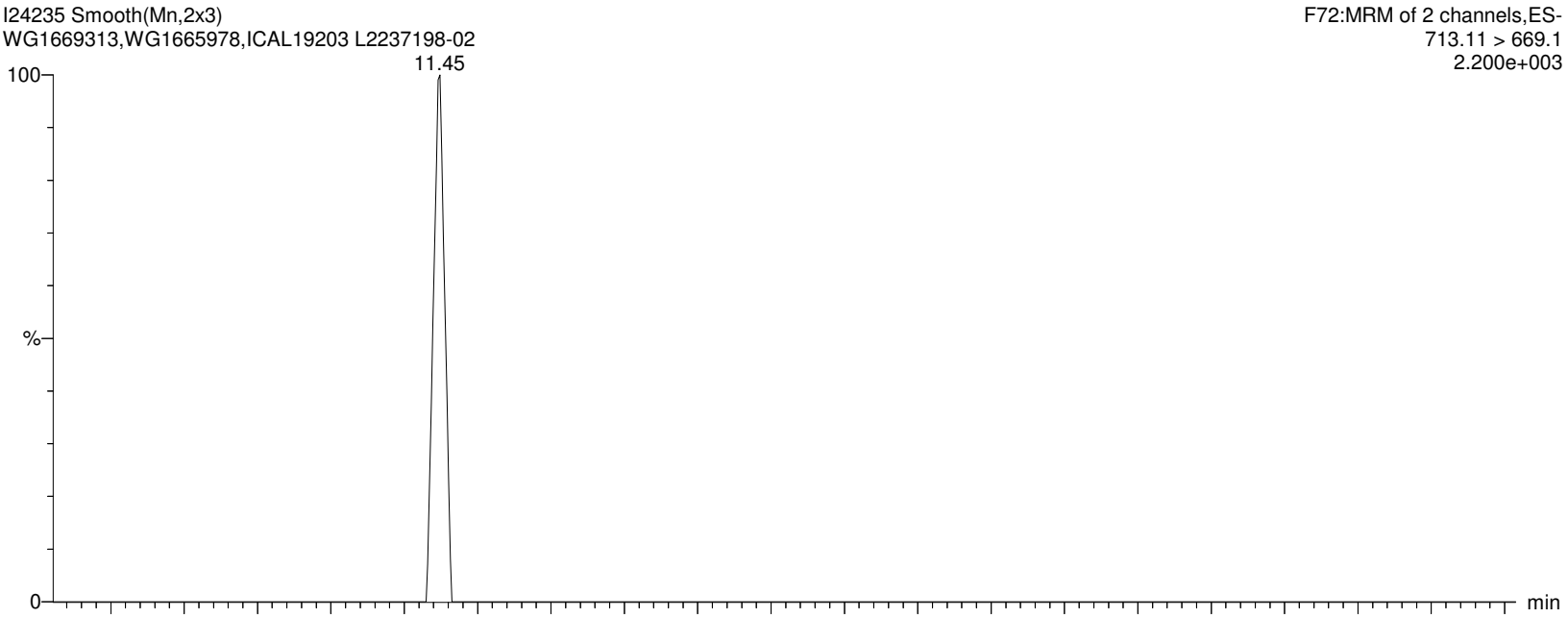


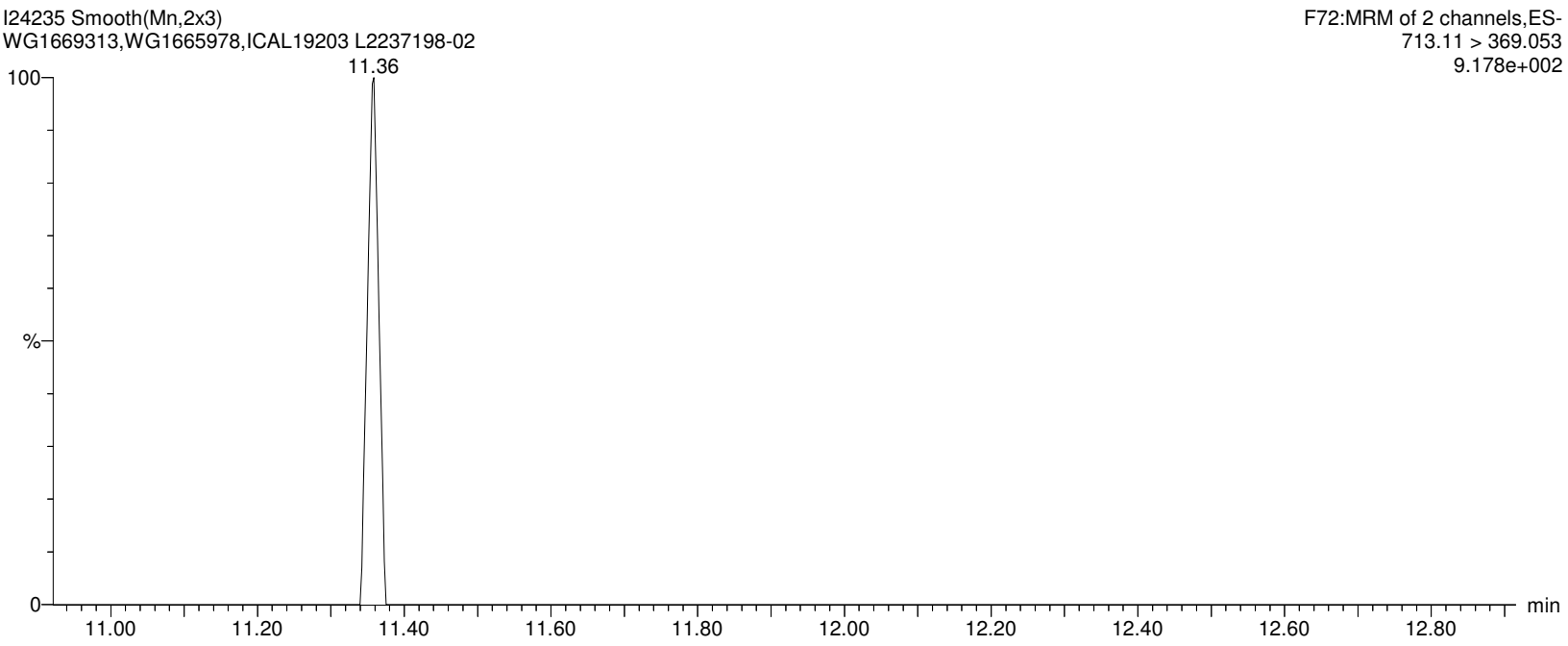
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:29 Eastern Daylight Time

Name: I24235
ID: L2237198-02
Date: 31-Jul-2022
Time: 01:07:57
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFTA



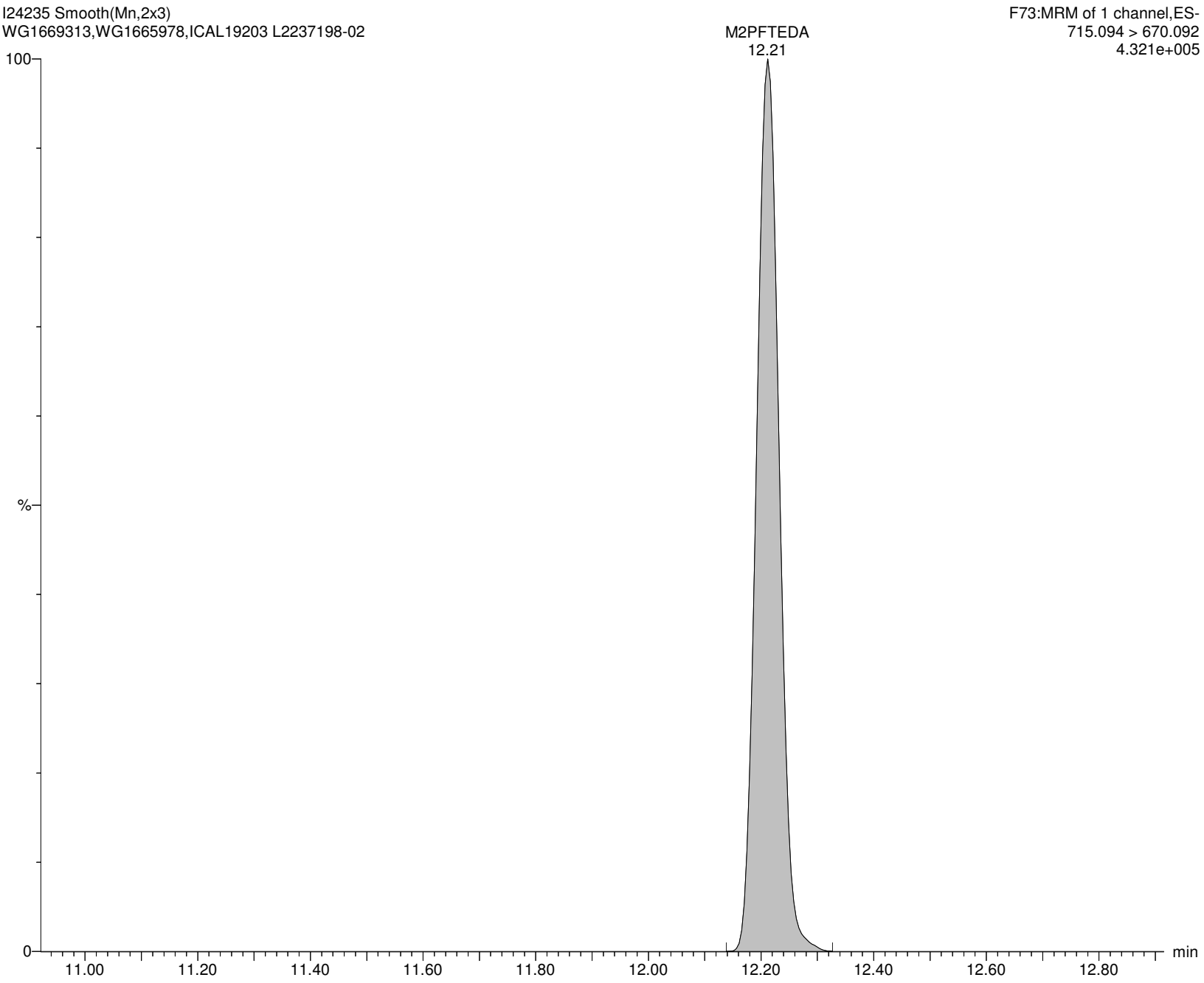


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:29 Eastern Daylight Time

Name: I24235
ID: L2237198-02
Date: 31-Jul-2022
Time: 01:07:57
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2PFTEDA



all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:45:22 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:45:42 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220730_537ISO.PRO\MethDB\537ISO_Q_220725_RT.mdb 29 Jul 2022 09:44:29
Calibration: C:\MassLynx\Data\2022\220730_537ISO.PRO\CurveDB\220725_ICAL.cdb 26 Jul 2022 09:37:13

ID: L2237198-03
Name: I24237
Date: 31-Jul-2022
Time: 01:41:05
Description: WG1669313,WG1665978,ICAL19203
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:SG
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4		213.032 > 169.022			ND		na	
2	M3PFBA	INT STD	2.14	216.009 > 171.999	41778		11.181		na	111.8
3	MPFBA	INT STD	2.14	217.001 > 171.999	53652		11.310		na	113.1
4	PFPeA	2706-90-3	4.95	263.039 > 219.03	210	M4	0.033		na	
5	M5PFPEA	INT STD	4.96	268.001 > 222.999	61648		13.197		na	132.0
6	PFBS	375-73-5		299.092 > 80.062			ND		YES	
7	M3PFBS	INT STD	5.60	302.069 > 80.062	18326		10.212		na	109.6
8	4:2FTS	757124-72-4		327.146 > 307.139			ND		YES	
9	M2-4:2FTS	INT STD	6.74	329.13 > 309.124	3813		10.616		na	113.2
10	PFHxA	307-24-4	6.83	313.047 > 269.037	182	M2,M7	0.028	12.00	NO	
11	M5PFHxA	INT STD	6.82	318.009 > 273.007	63214		9.671		na	96.7
12	PFPeS	2706-91-4		349.1 > 80.062			ND		YES	
13	PFHpA	375-85-9		363.055 > 319.045			ND		YES	
14	M4PFHpA	INT STD	8.08	367.025 > 322.022	57948		10.578		na	105.8
15	br-PFHxS	355-46-4		399.107 > 80.062			ND		YES	
16	L-PFHxS	355-46-4		399.107 > 80.062			ND		YES	
17	PFHxS	355-46-4		399.107 > 80.062	0		ND		na	
18	M3PFHxS	INT STD	8.24	402.084 > 80.062	19501		10.434		na	110.1
19	br-PFOA	335-67-1		413.063 > 369.053			ND		YES	
20	L-PFOA	335-67-1		413.063 > 369.053			ND		YES	
21	PFOA	335-67-1		413.063 > 369.053	0		ND		na	
22	M8PFOA	INT STD	9.02	421.002 > 376.	56386		11.076		na	110.8
23	M2PFOA	INT STD	9.02	415.048 > 370.045	52525		12.590		na	125.9
24	6:2FTS	27619-97-2	8.98	427.161 > 407.155	64	M7	0.141	2.70	NO	
25	M2-6:2FTS	INT STD	8.98	429.146 > 409.14	5258		12.268		na	129.0
26	PFHpS	375-92-8		449.115 > 80.062			ND		YES	
27	PFNA	375-95-1		463.071 > 419.061			ND		YES	
28	M9PFNA	INT STD	9.77	472.002 > 427.	53382		11.225		na	112.2
29	br-PFOS	1763-23-1		499.123 > 80.062			ND		YES	
30	L-PFOS	1763-23-1		499.123 > 80.062			ND		YES	
31	PFOS	1763-23-1		499.123 > 80.062	0		ND		na	
32	M4PFOS	INT STD	9.82	503.093 > 80.062	17590		11.052		na	110.5
33	M8PFOS	INT STD	9.82	507.062 > 80.062	20378		11.301		na	117.8
34	PFDA	335-76-2		513.078 > 469.069			ND		YES	
35	M2PFDA	INT STD	10.40	515.063 > 470.061	38607		12.590		na	125.9
36	M6PFDA	INT STD	10.40	519.033 > 474.03	36426		10.931		na	109.3
37	8:2FTS	39108-34-4		527.177 > 507.171			ND		YES	
38	M2-8:2FTS	INT STD	10.39	529.162 > 509.155	4331		13.946		na	145.3
39	PFNS	68259-12-1		549.131 > 80.062			ND		YES	

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:45:22 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:45:42 Eastern Daylight Time

ID: L2237198-03
Name: I24237
Date: 31-Jul-2022
Time: 01:41:05
Description: WG1669313,WG1665978,ICAL19203
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:SG
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.80	573.22 > 419.061	7708		9.896		na	99.0
41	br-NMeFOSAA	2355-31-9		570.202 > 419.061			ND		YES	
42	L-NMeFOSAA	2355-31-9		570.202 > 419.061			ND		YES	
43	NMeFOSAA	2355-31-9		570.202 > 419.061	0		ND		na	
44	PFUnA	2058-94-8		563.086 > 519.076			ND		YES	
45	M7-PFUDA	INT STD	10.95	570.033 > 525.031	38854		11.549		na	115.5
46	PFDS	335-77-3		598.926 > 80.062			ND		YES	
47	FOSA	754-91-6		498.146 > 78.07			ND		YES	
48	M8FOSA	INT STD	10.89	506.077 > 78.07	25955		4.870		na	48.7
49	d5-NEtFOSAA	INT STD	11.09	589.259 > 419.061	8821		11.039		na	110.4
50	br-NEtFOSAA	2991-50-6		584.229 > 419.061			ND		YES	
51	L-NEtFOSAA	2991-50-6		584.229 > 419.061			ND		YES	
52	NEtFOSAA	2991-50-6		584.229 > 419.061	0		ND		na	
53	PFDoA	307-55-1		613.094 > 569.084			ND		YES	
54	MPFDOA	INT STD	11.43	615.079 > 570.077	42465		10.690		na	106.9
55	PFTrDA	72629-94-8		663.102 > 619.092			ND		YES	
56	PFTA	376-06-7		713.11 > 669.1			ND		YES	
57	M2PFTEDA	INT STD	12.21	715.094 > 670.092	25335		11.589		na	115.9

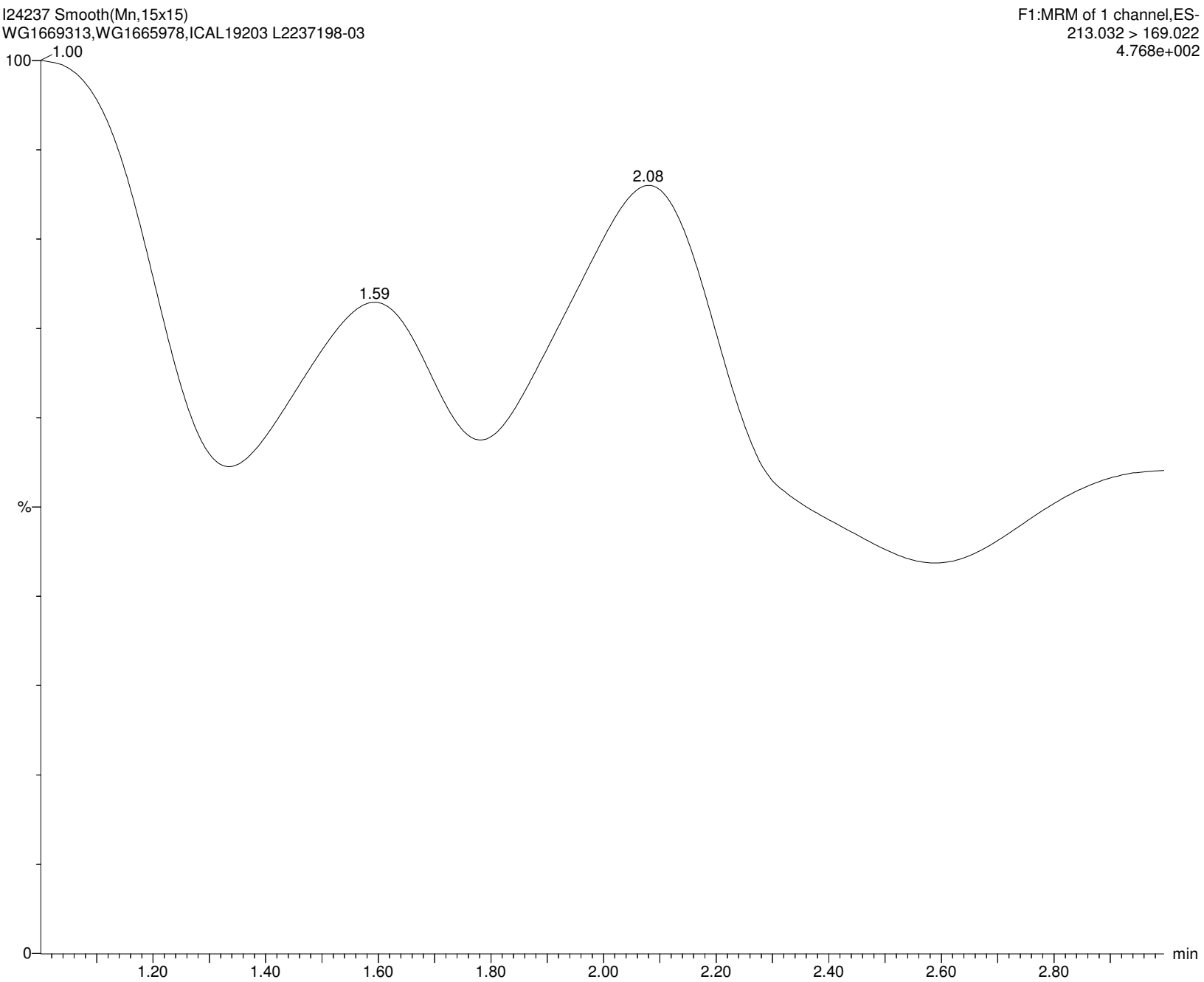
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:45:22 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:45:42 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220730_537ISO.PRO\MethDB\537ISO_Q_220725_RT.mdb 29 Jul 2022 09:44:29
Calibration: C:\MassLynx\Data\2022\220730_537ISO.PRO\CurveDB\220725_ICAL.cdb 26 Jul 2022 09:37:13

Name: I24237
ID: L2237198-03
Date: 31-Jul-2022
Time: 01:41:05
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFBA

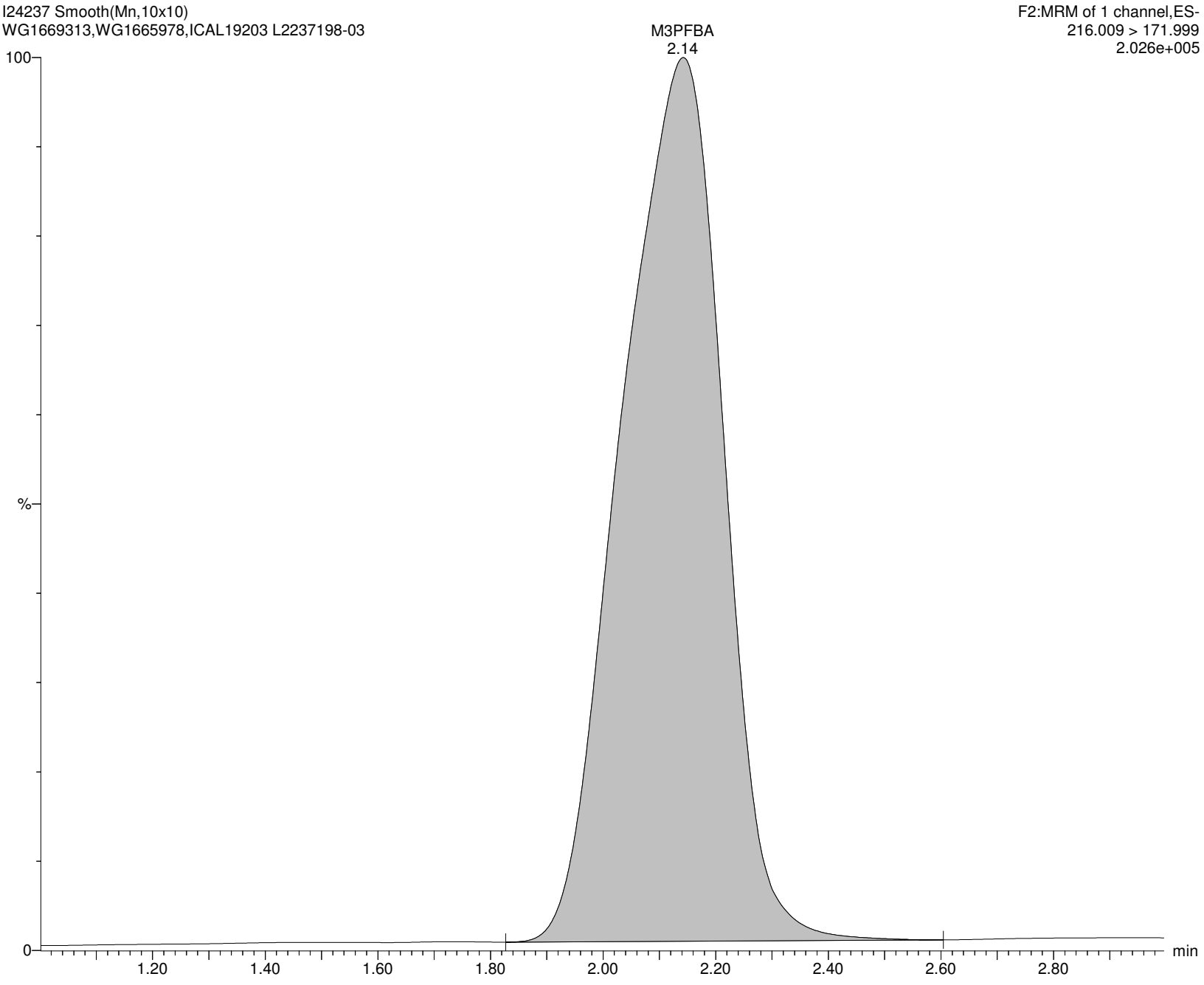


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:45:22 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:45:42 Eastern Daylight Time

Name: I24237
ID: L2237198-03
Date: 31-Jul-2022
Time: 01:41:05
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M3PFBA

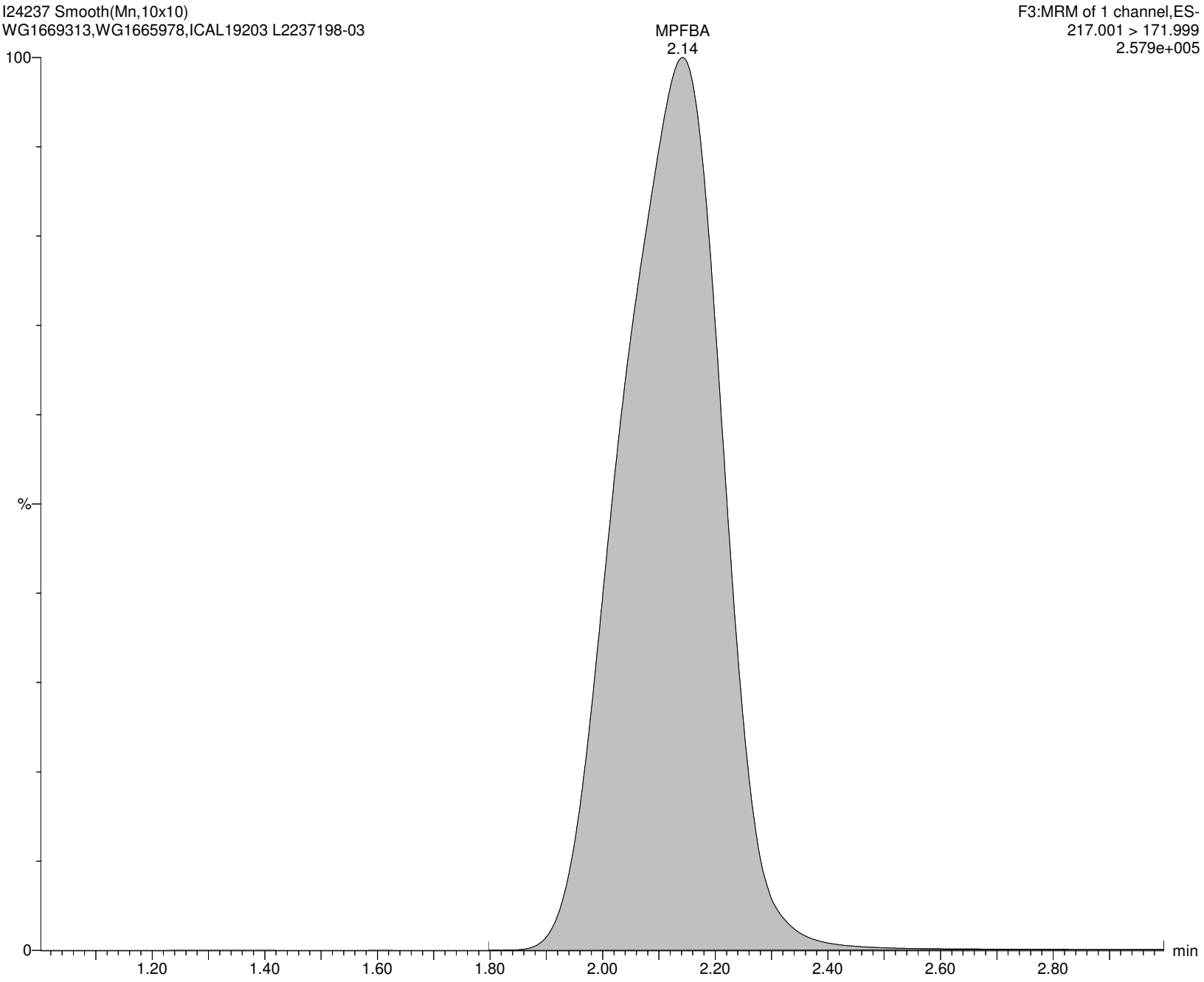


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:45:22 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:45:42 Eastern Daylight Time

Name: I24237
ID: L2237198-03
Date: 31-Jul-2022
Time: 01:41:05
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

MPFBA

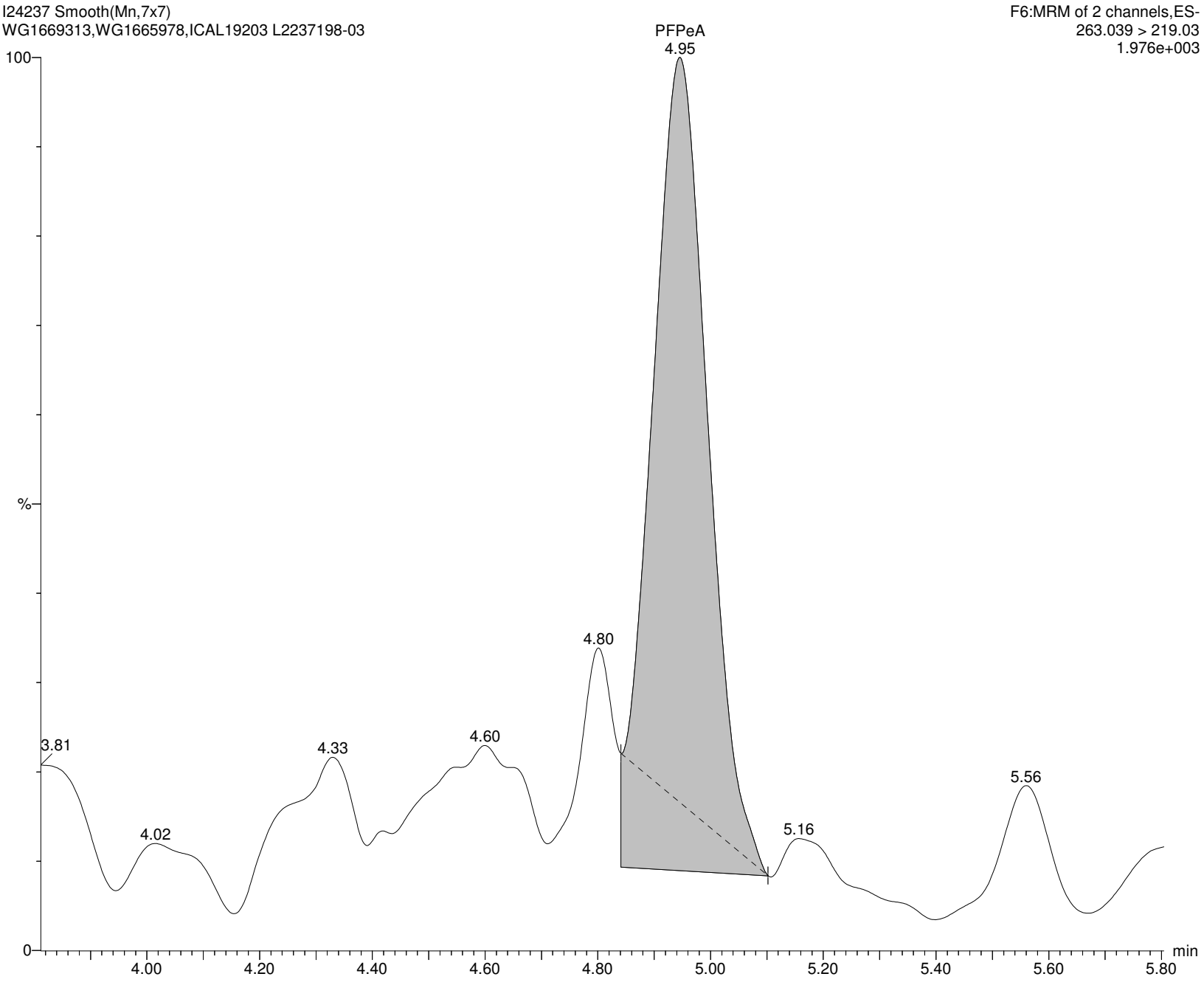


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:45:22 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:45:42 Eastern Daylight Time

Name: I24237
ID: L2237198-03
Date: 31-Jul-2022
Time: 01:41:05
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFPeA

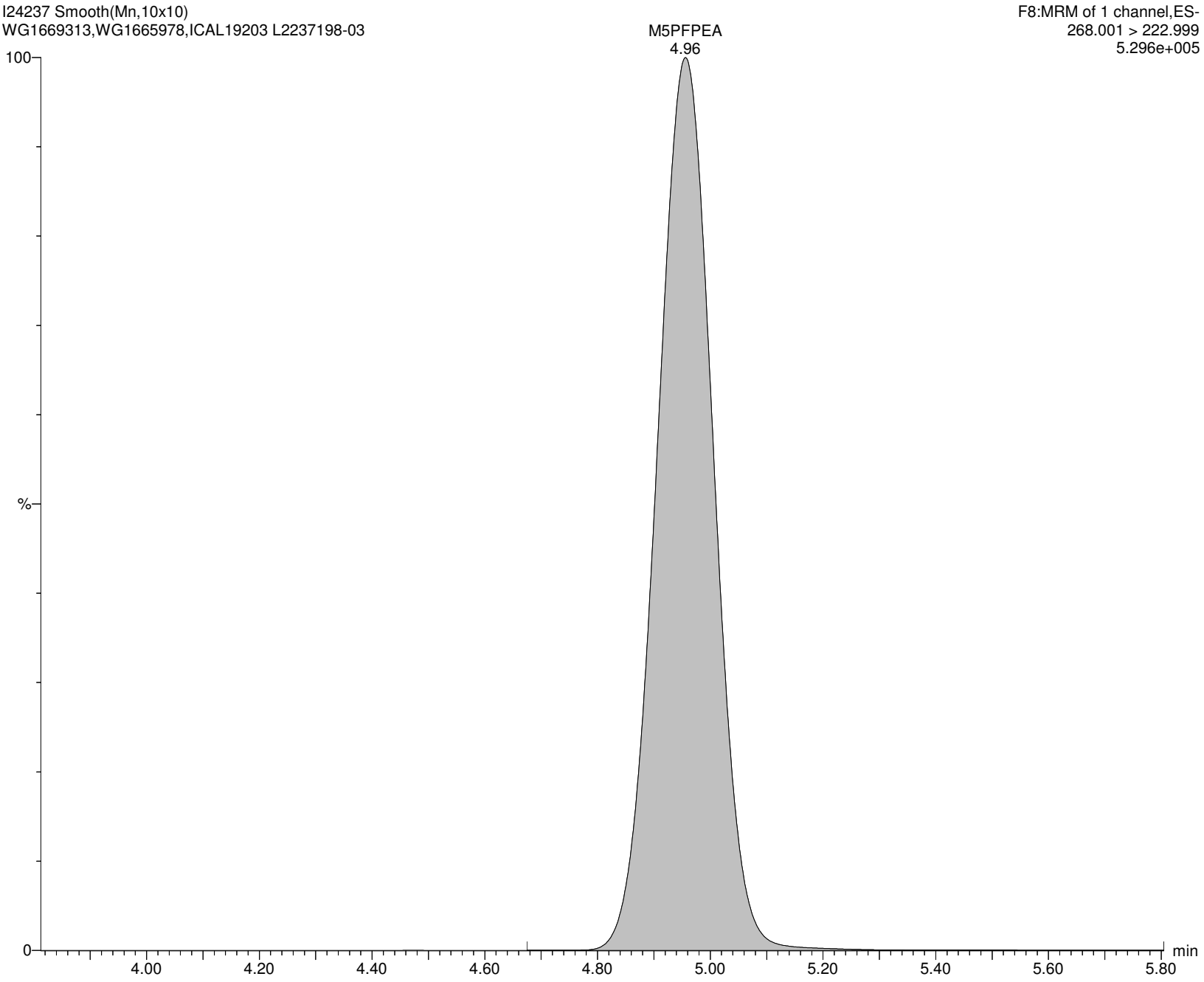


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:45:22 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:45:42 Eastern Daylight Time

Name: I24237
ID: L2237198-03
Date: 31-Jul-2022
Time: 01:41:05
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M5PFPEA

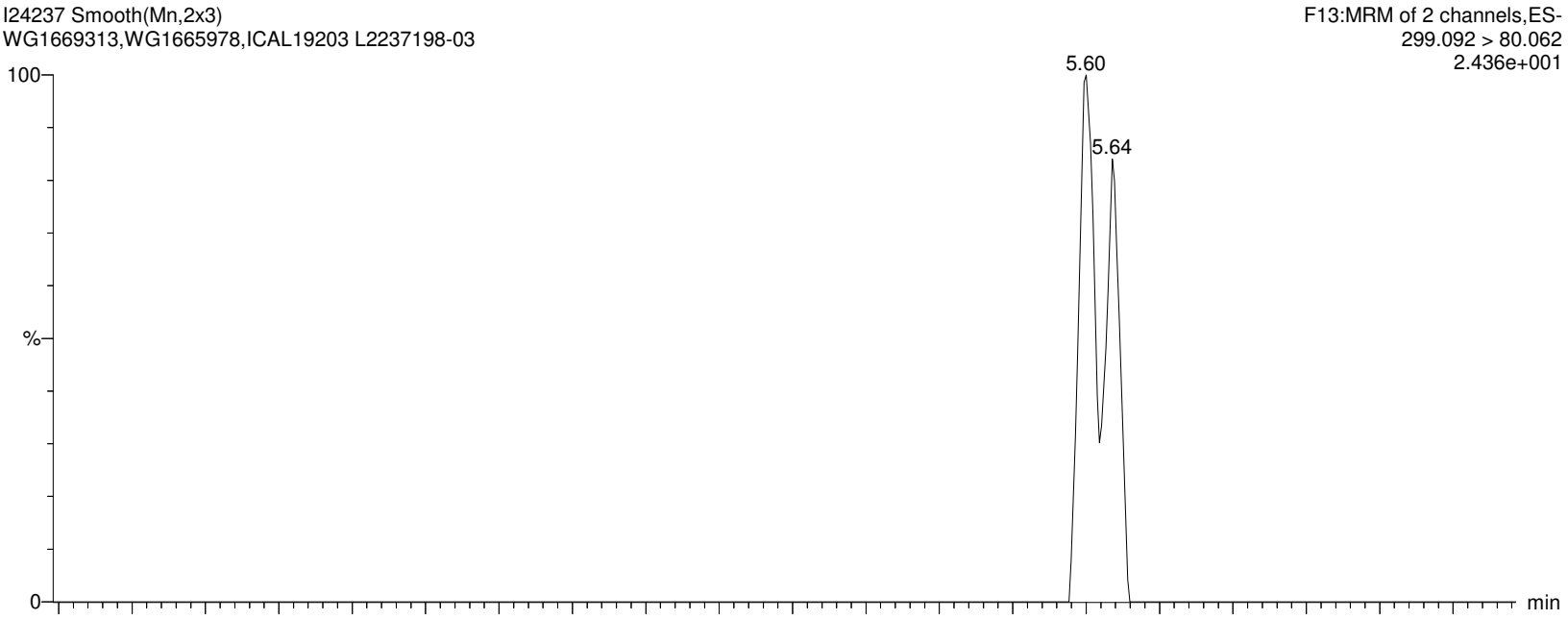


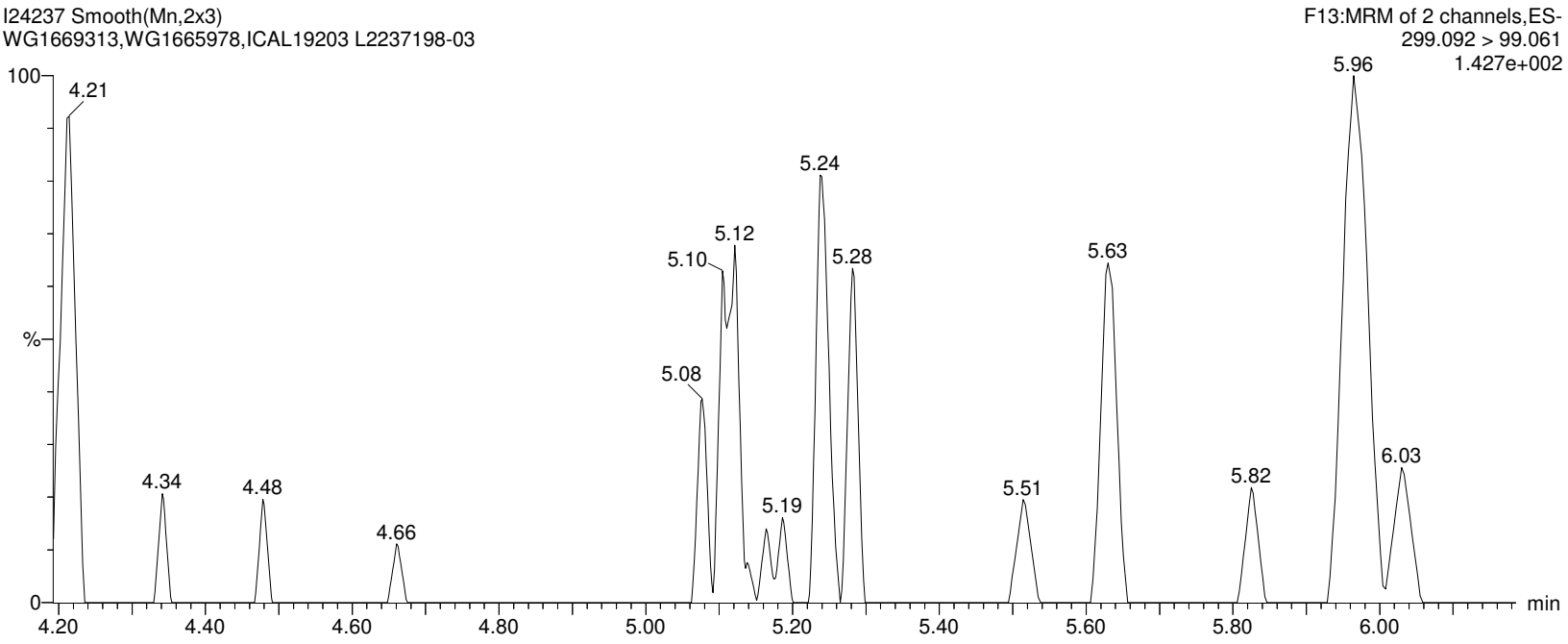
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:45:22 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:45:42 Eastern Daylight Time

Name: I24237
ID: L2237198-03
Date: 31-Jul-2022
Time: 01:41:05
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFBS



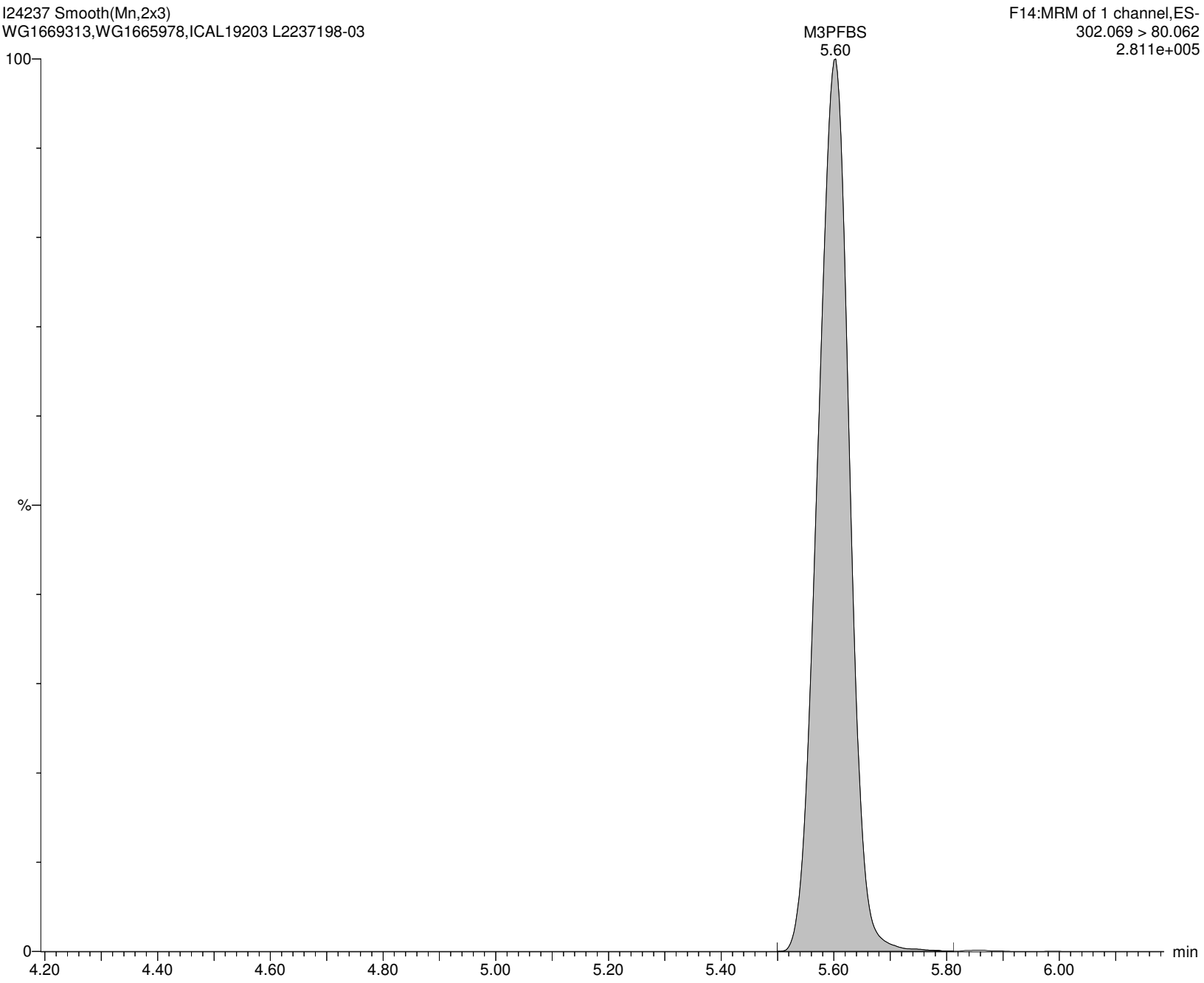


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:45:22 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:45:42 Eastern Daylight Time

Name: I24237
ID: L2237198-03
Date: 31-Jul-2022
Time: 01:41:05
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M3PFBS

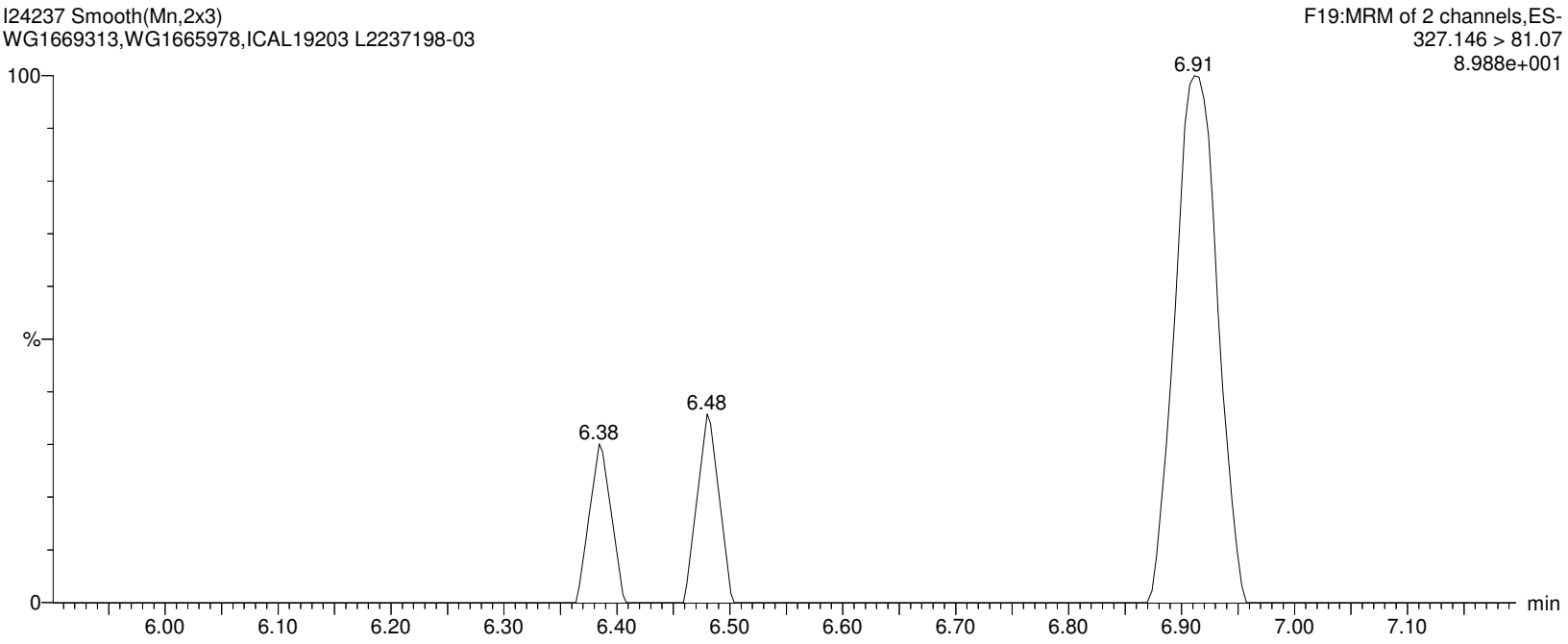


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:45:22 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:45:42 Eastern Daylight Time

Name: I24237
ID: L2237198-03
Date: 31-Jul-2022
Time: 01:41:05
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

4:2FTS

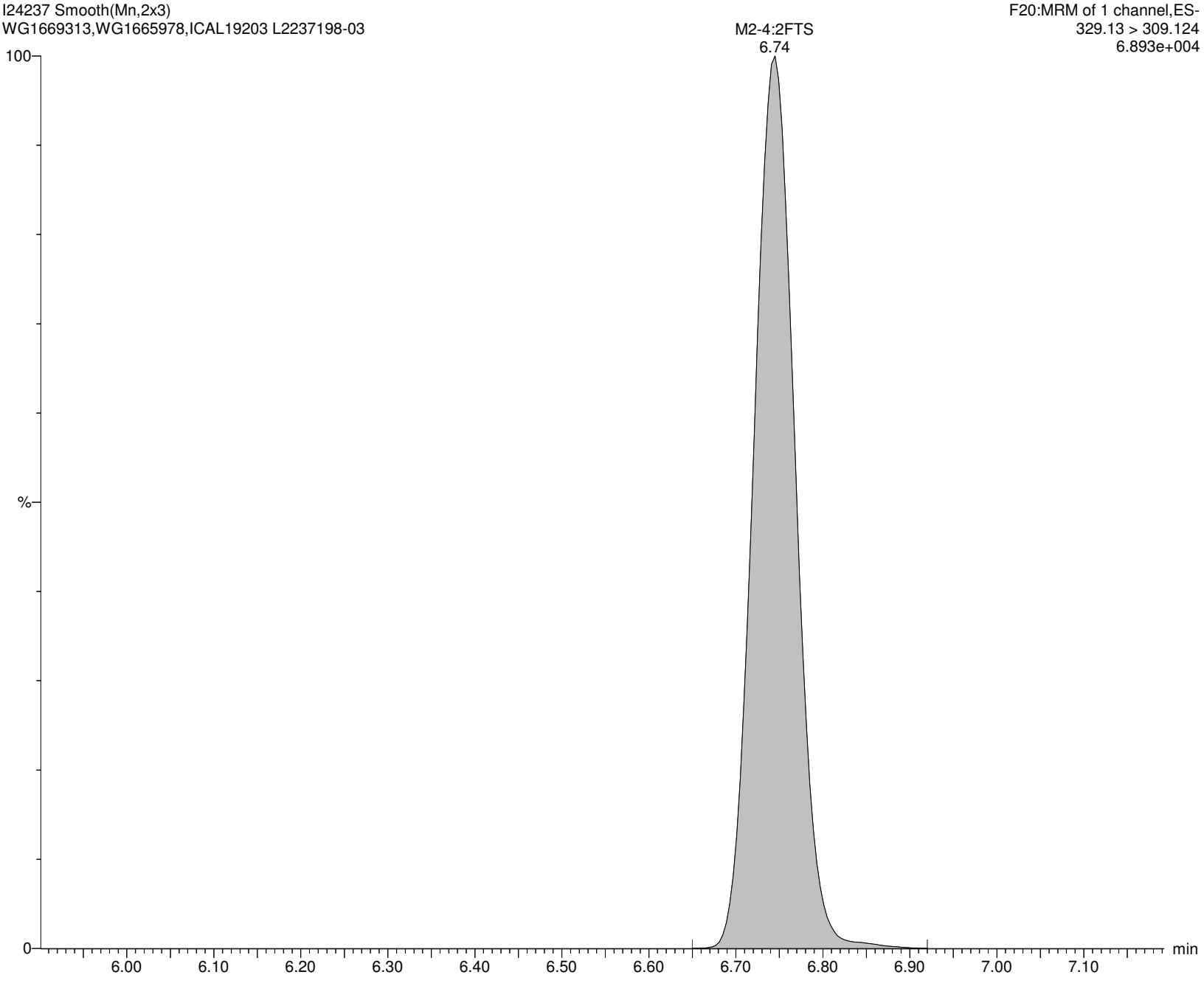


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:45:22 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:45:42 Eastern Daylight Time

Name: I24237
ID: L2237198-03
Date: 31-Jul-2022
Time: 01:41:05
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2-4:2FTS

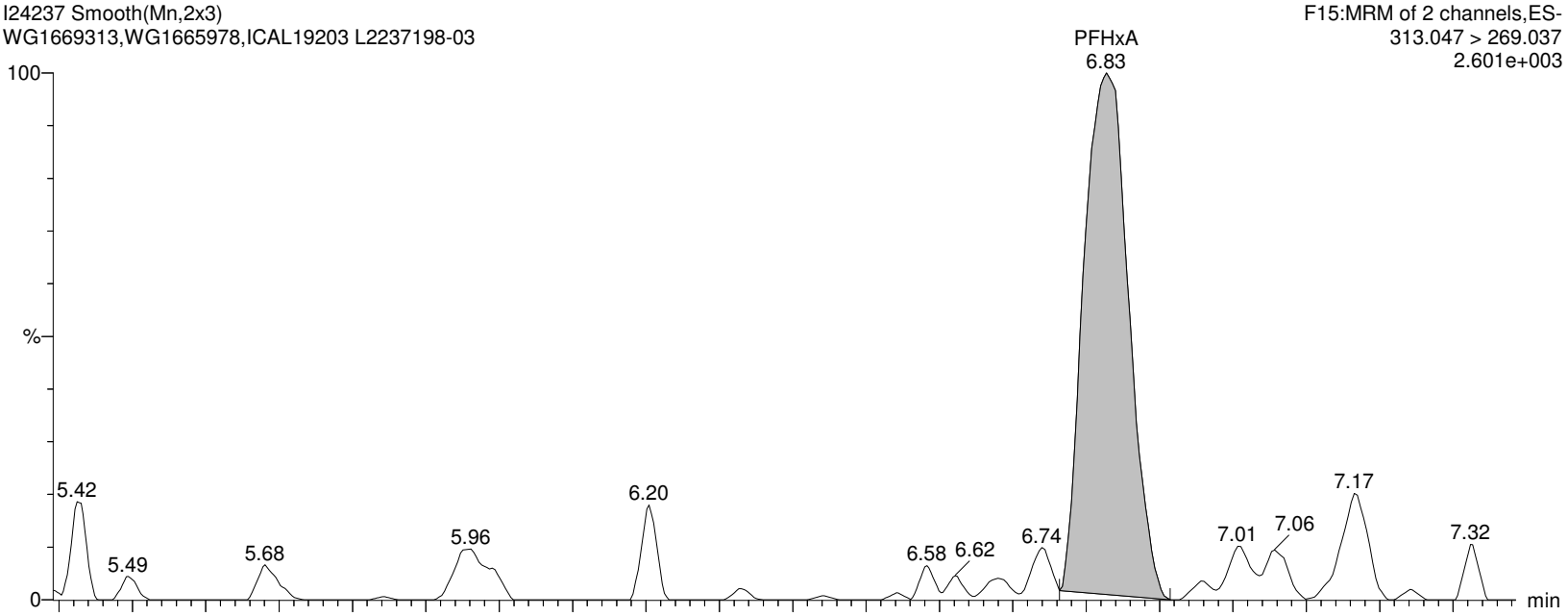


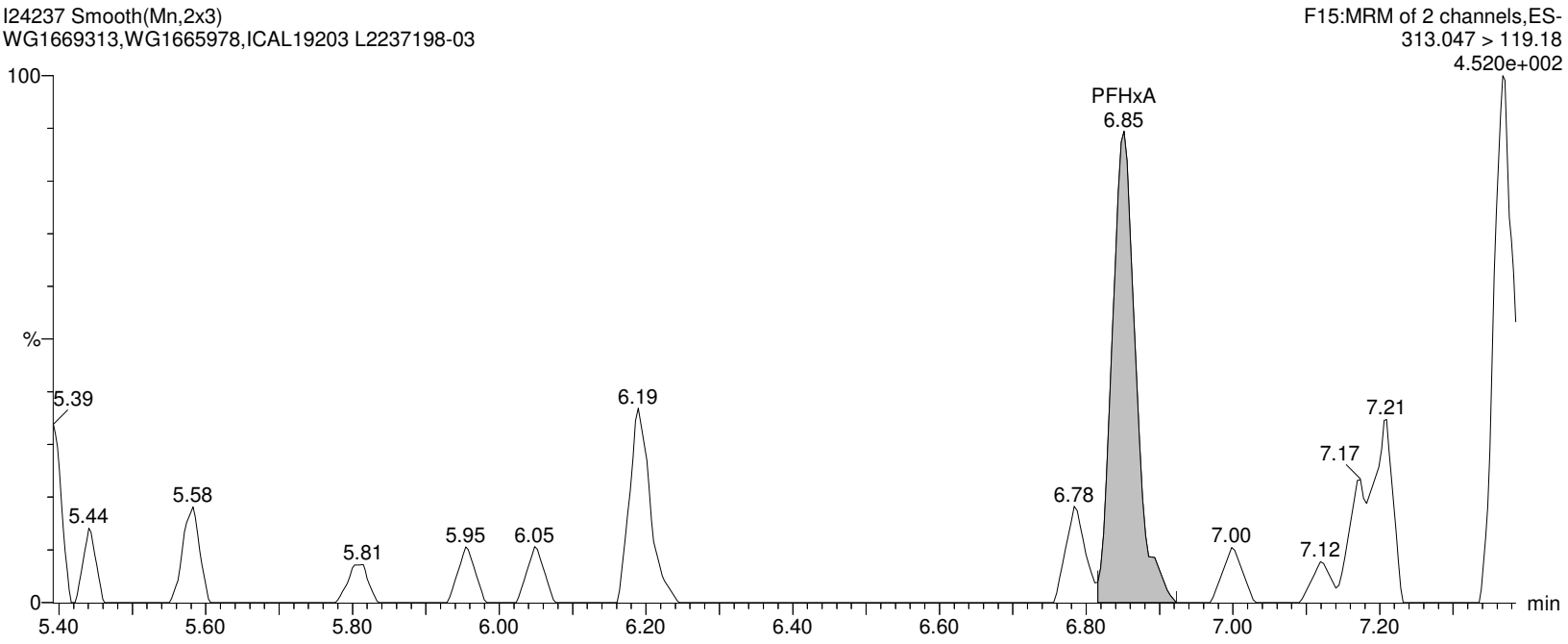
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:45:22 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:45:42 Eastern Daylight Time

Name: I24237
ID: L2237198-03
Date: 31-Jul-2022
Time: 01:41:05
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFHxA



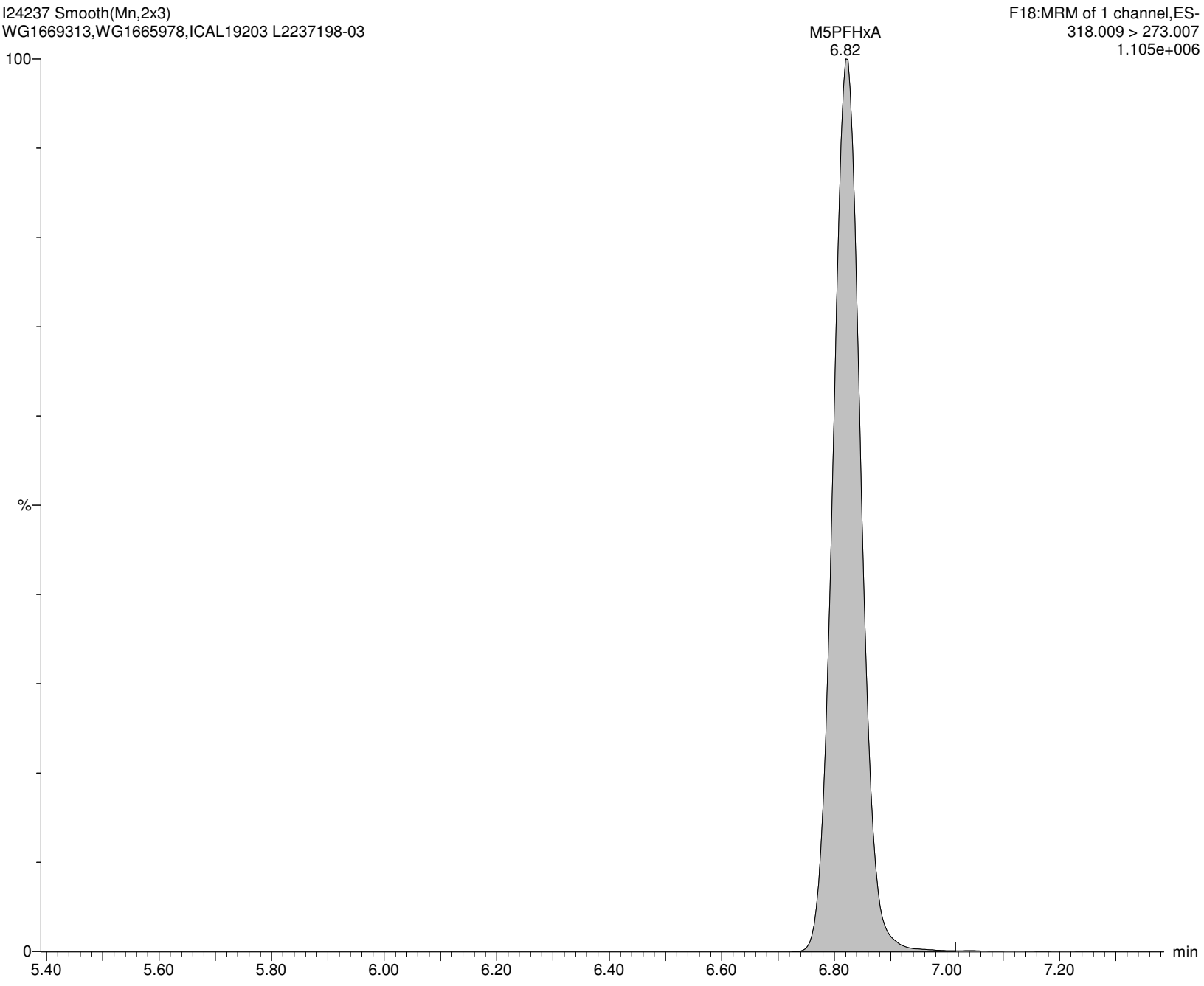


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:45:22 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:45:42 Eastern Daylight Time

Name: I24237
ID: L2237198-03
Date: 31-Jul-2022
Time: 01:41:05
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M5PFHxA

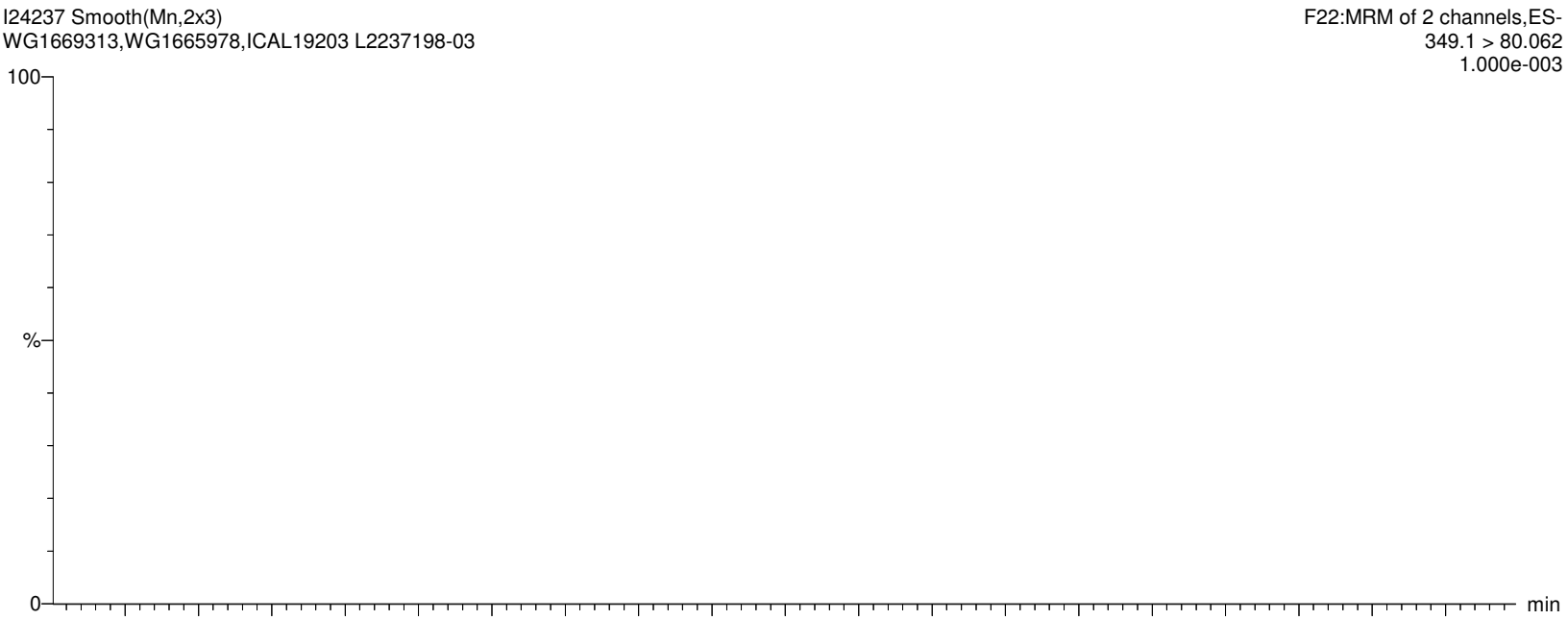


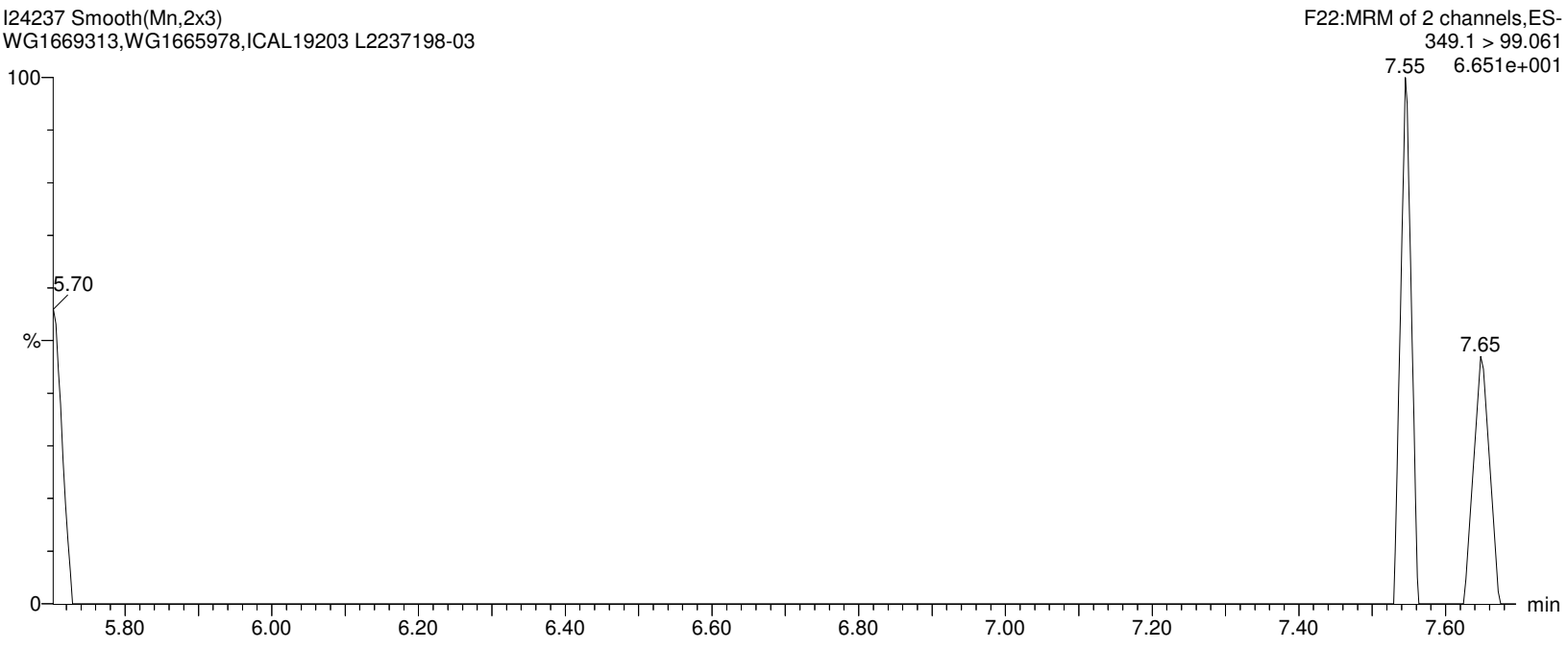
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:45:22 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:45:42 Eastern Daylight Time

Name: I24237
ID: L2237198-03
Date: 31-Jul-2022
Time: 01:41:05
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFPeS



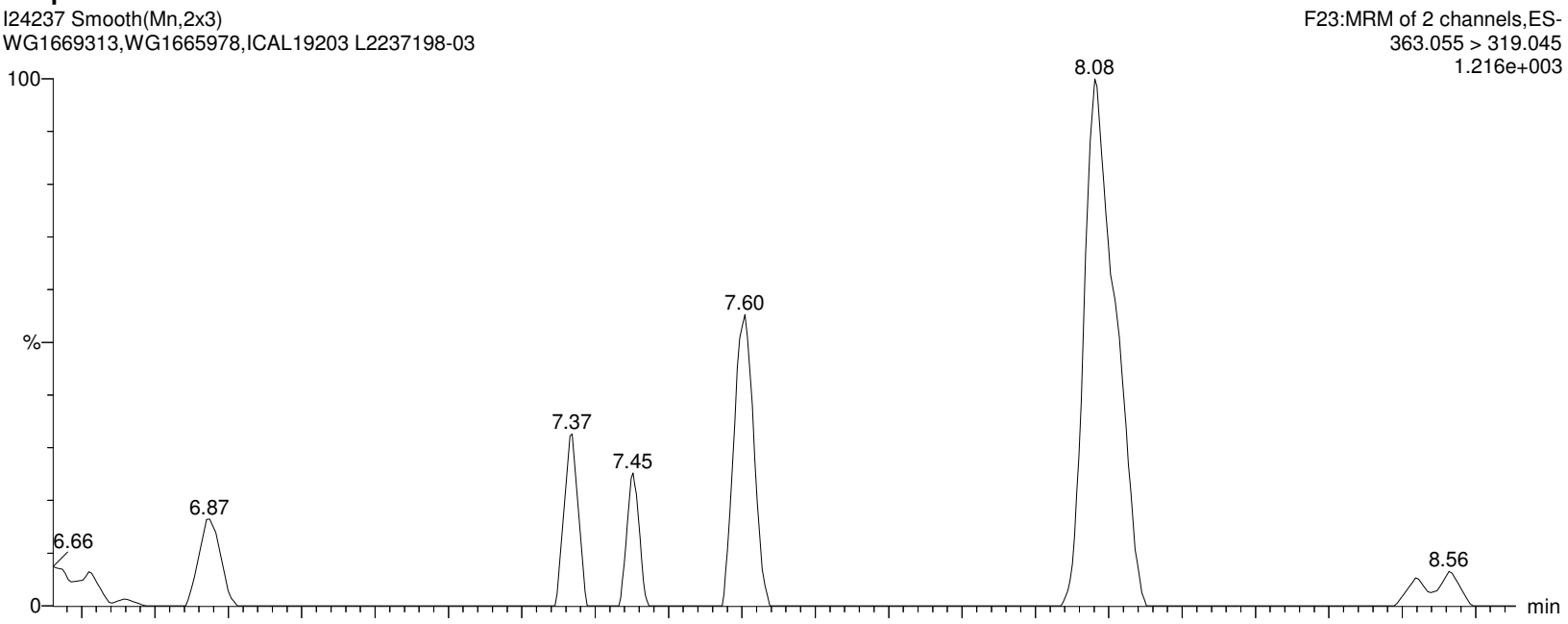


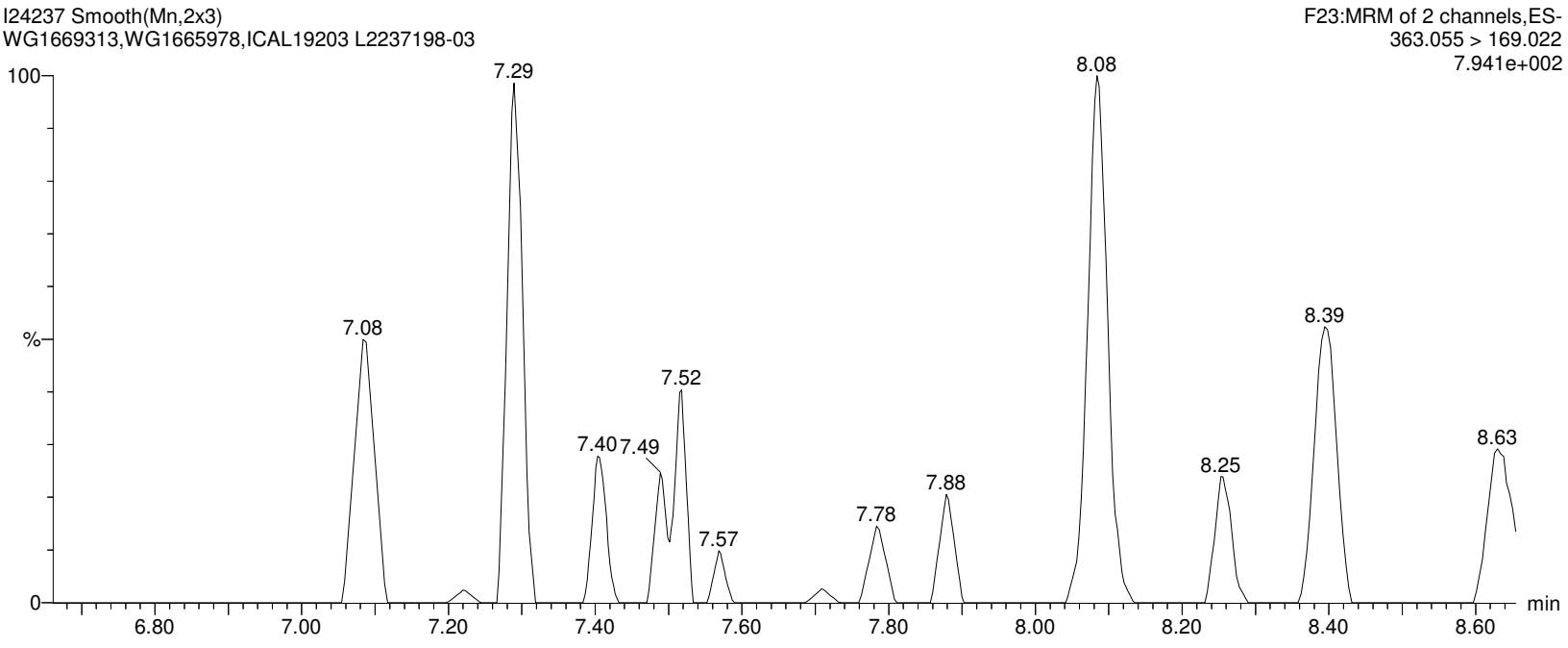
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:45:22 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:45:42 Eastern Daylight Time

Name: I24237
ID: L2237198-03
Date: 31-Jul-2022
Time: 01:41:05
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFHpA



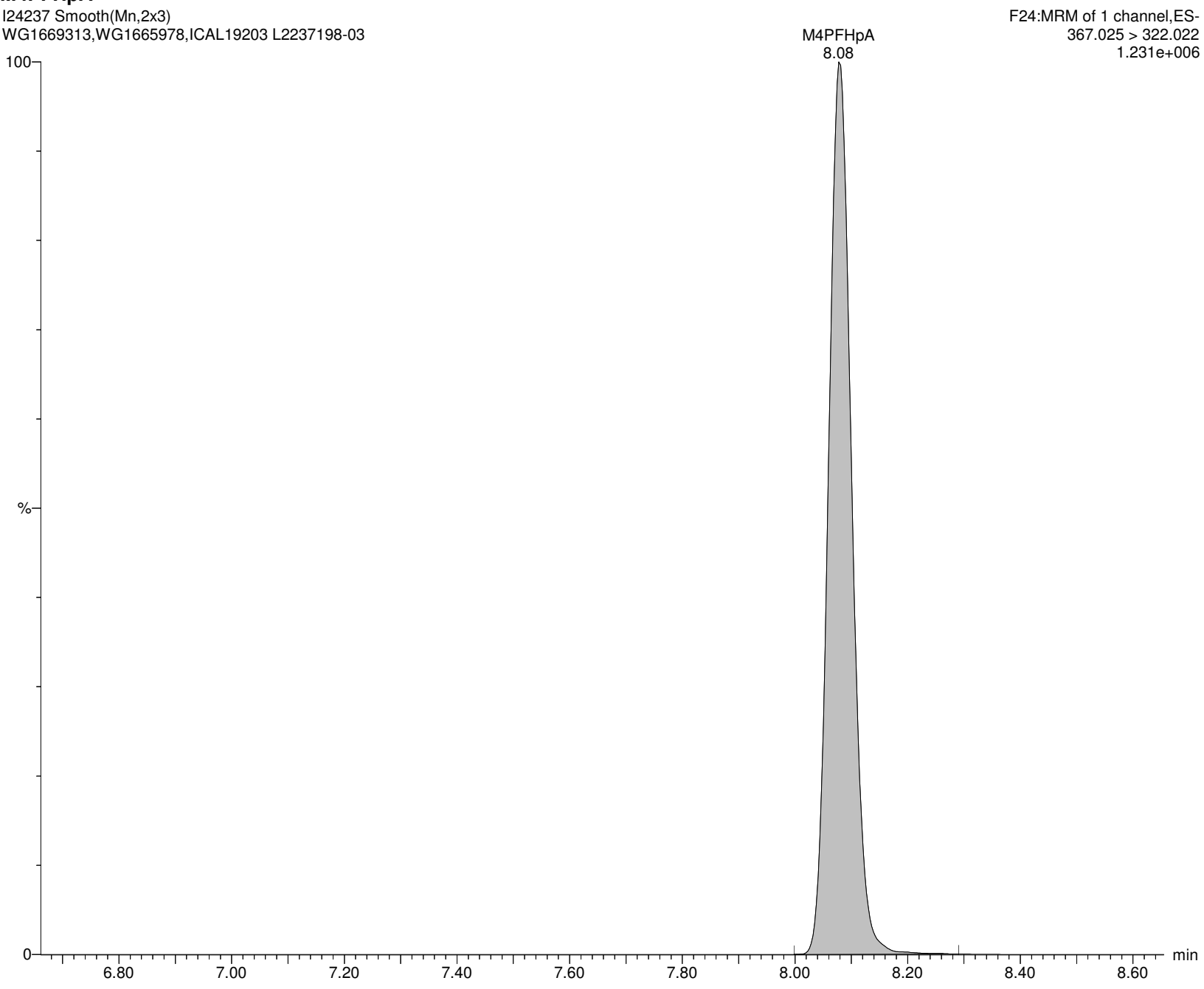


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:45:22 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:45:42 Eastern Daylight Time

Name: I24237
ID: L2237198-03
Date: 31-Jul-2022
Time: 01:41:05
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M4PFHpA

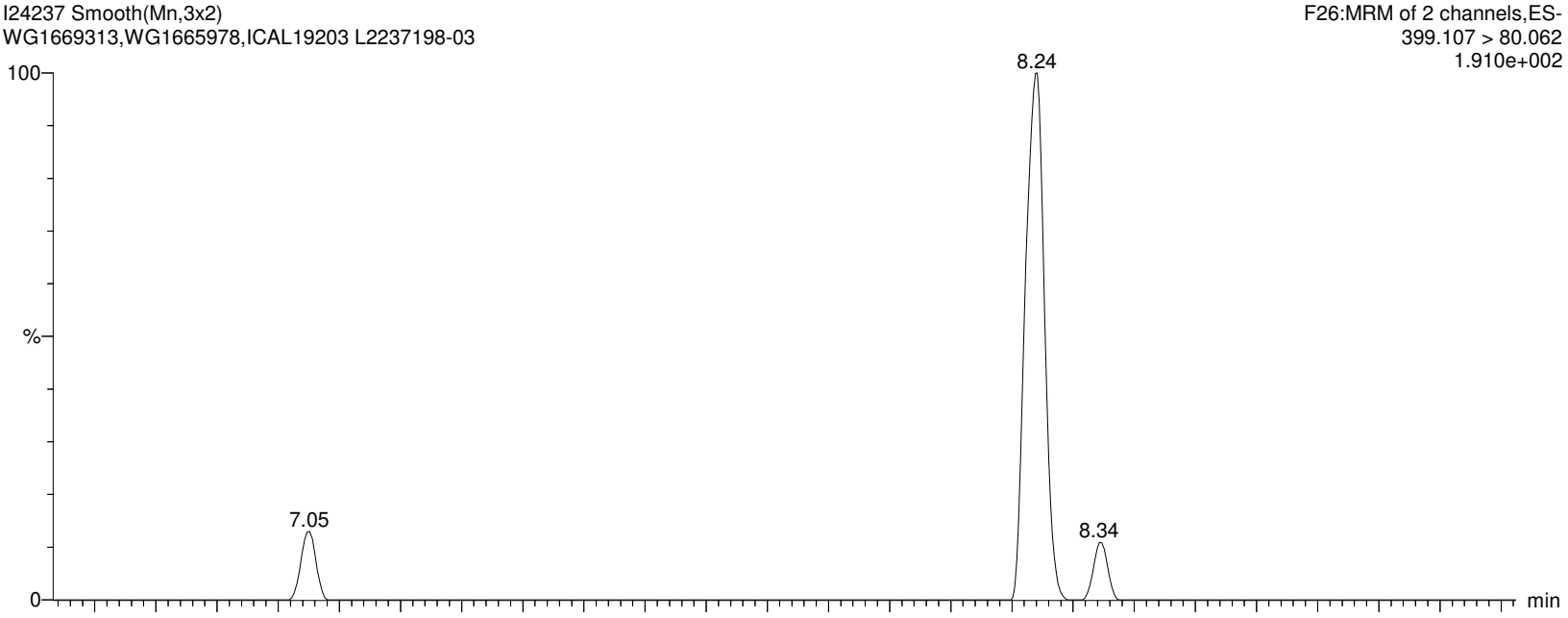


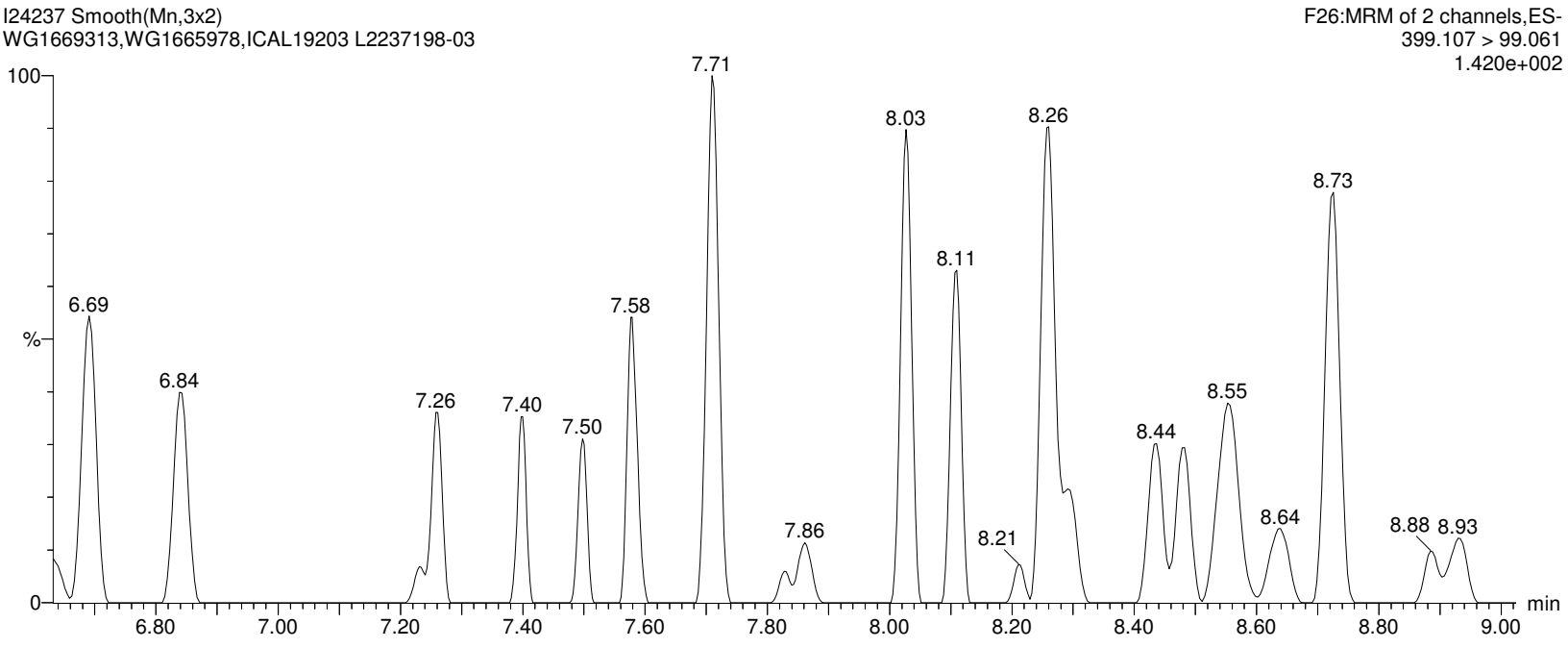
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:45:22 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:45:42 Eastern Daylight Time

Name: I24237
ID: L2237198-03
Date: 31-Jul-2022
Time: 01:41:05
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

br-PFHxS



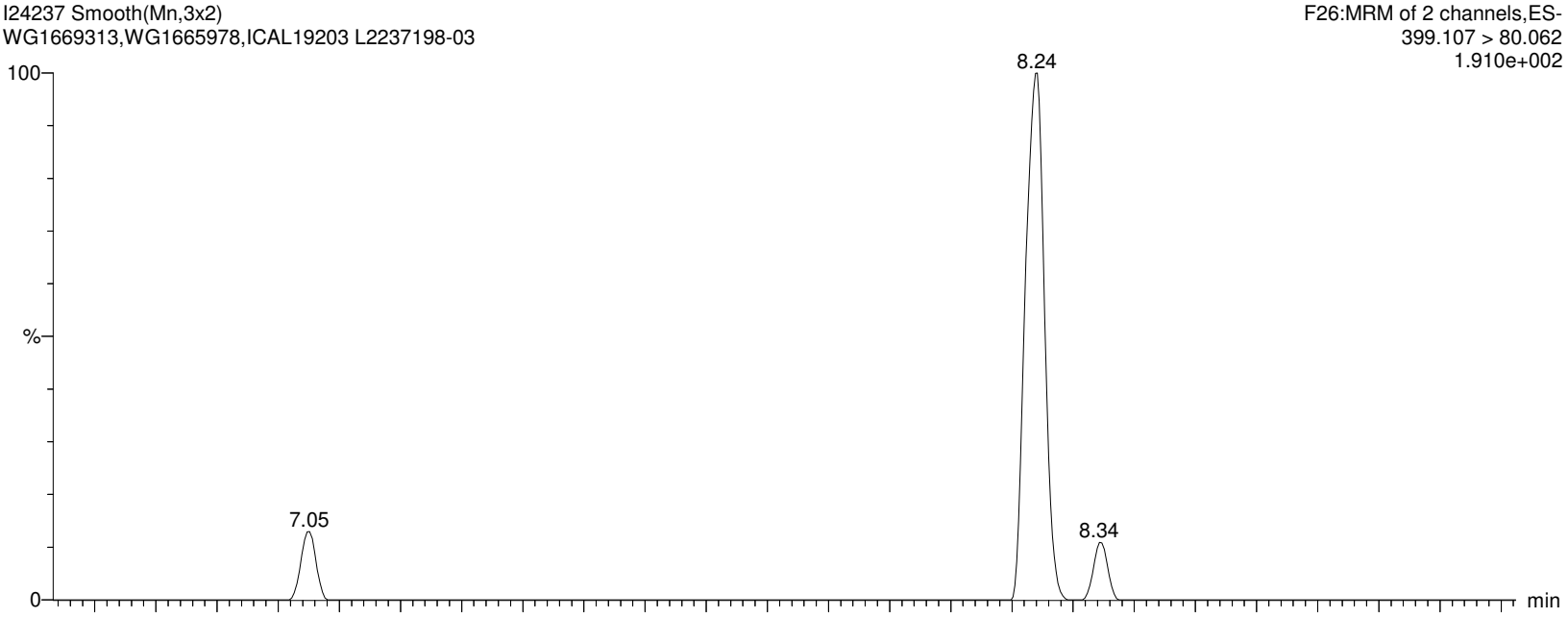


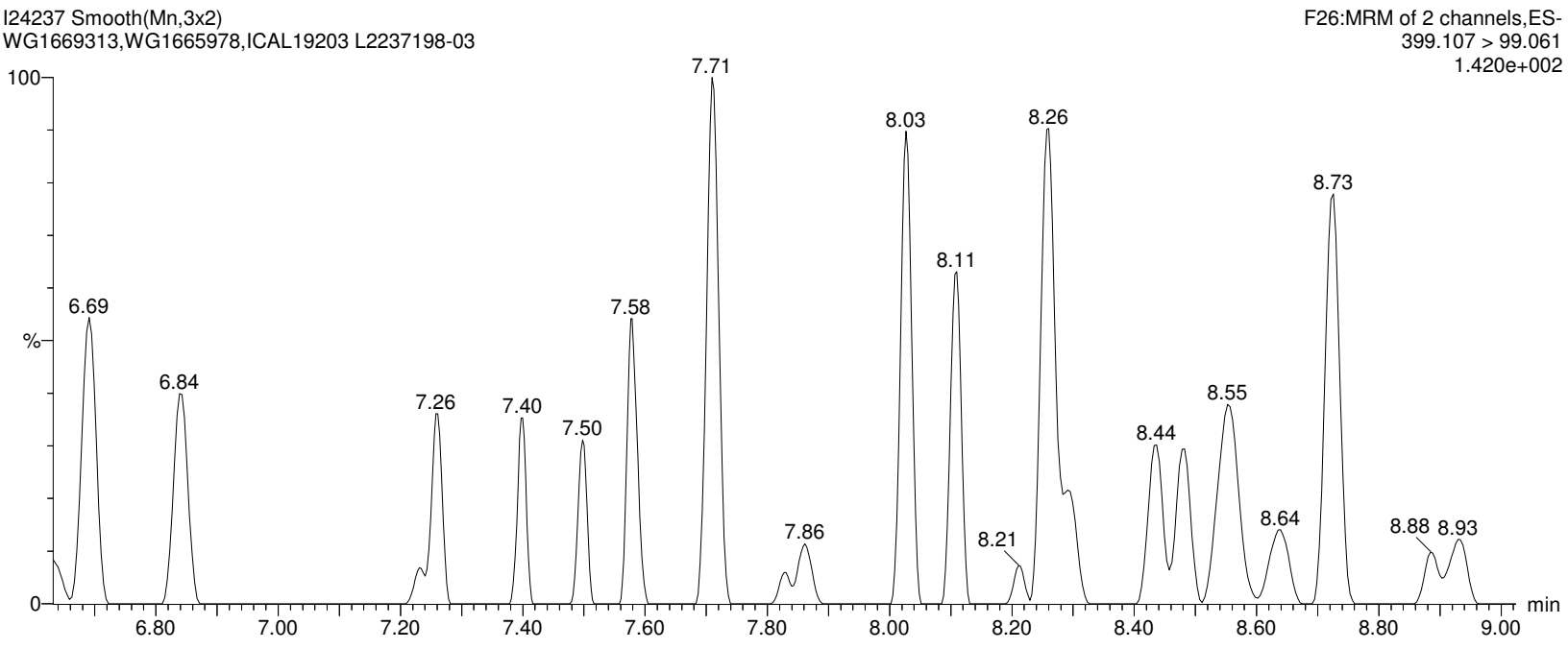
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:45:22 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:45:42 Eastern Daylight Time

Name: I24237
ID: L2237198-03
Date: 31-Jul-2022
Time: 01:41:05
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

L-PFHxS



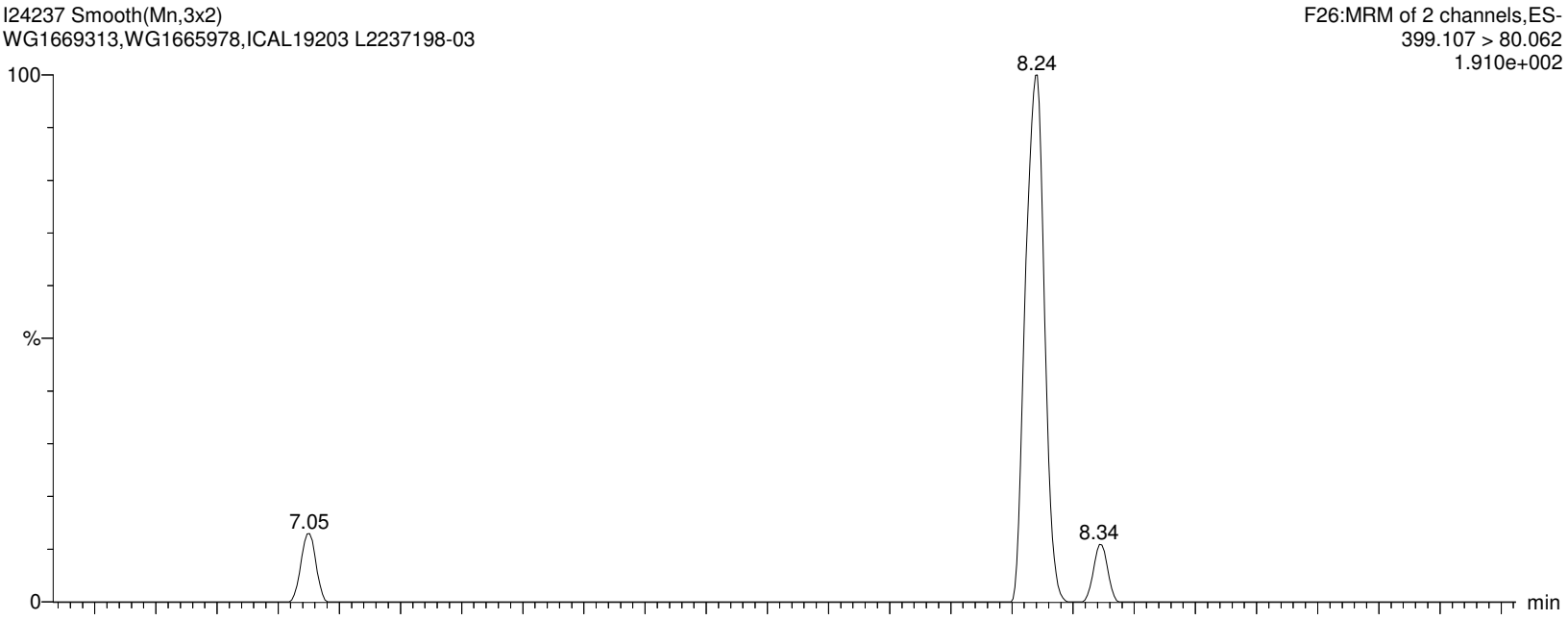


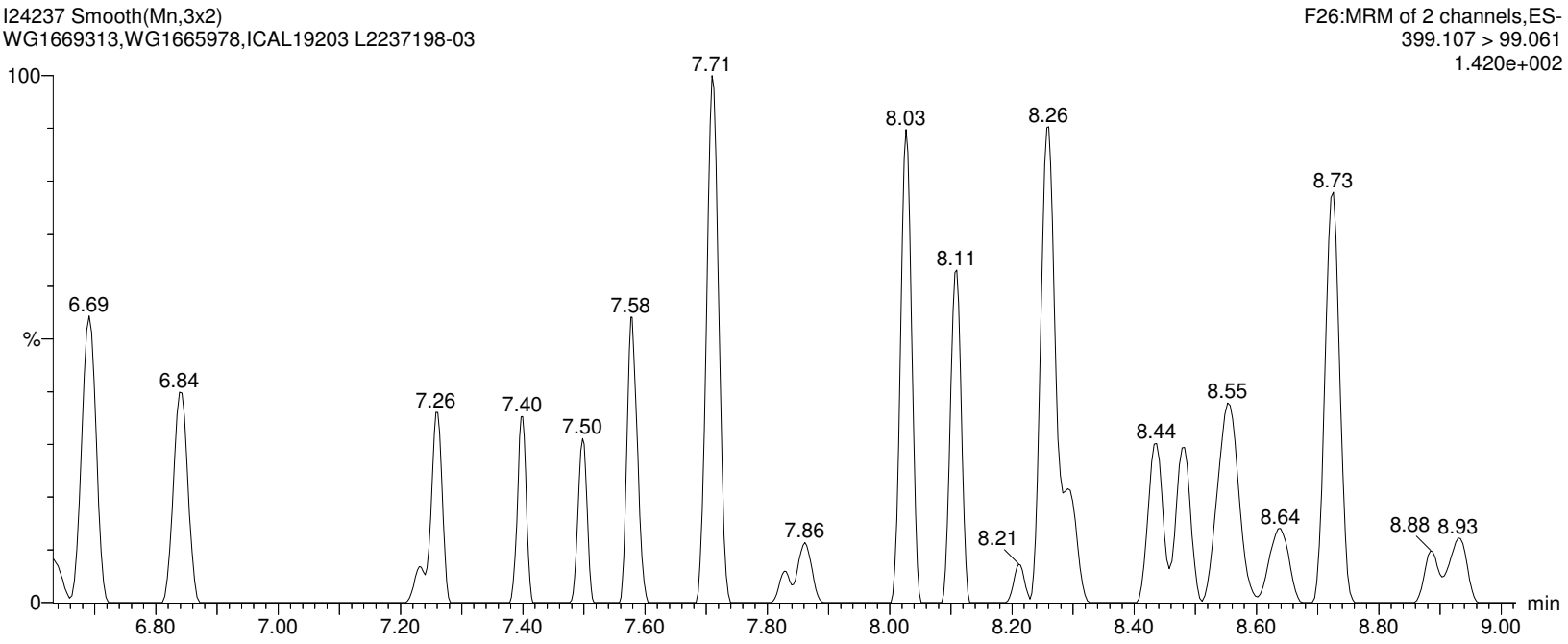
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:45:22 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:45:42 Eastern Daylight Time

Name: I24237
ID: L2237198-03
Date: 31-Jul-2022
Time: 01:41:05
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFHxS



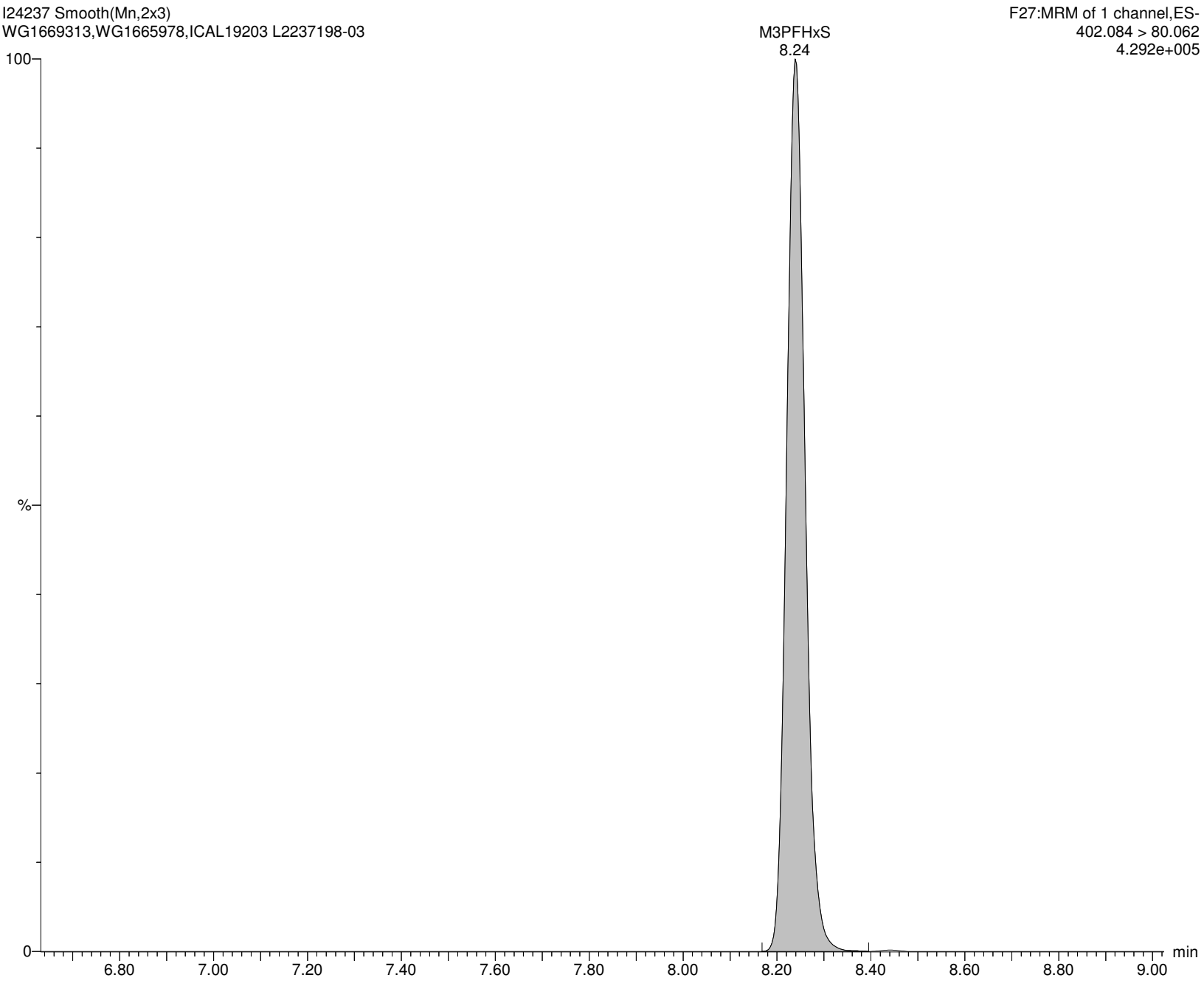


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:45:22 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:45:42 Eastern Daylight Time

Name: I24237
ID: L2237198-03
Date: 31-Jul-2022
Time: 01:41:05
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M3PFHxS

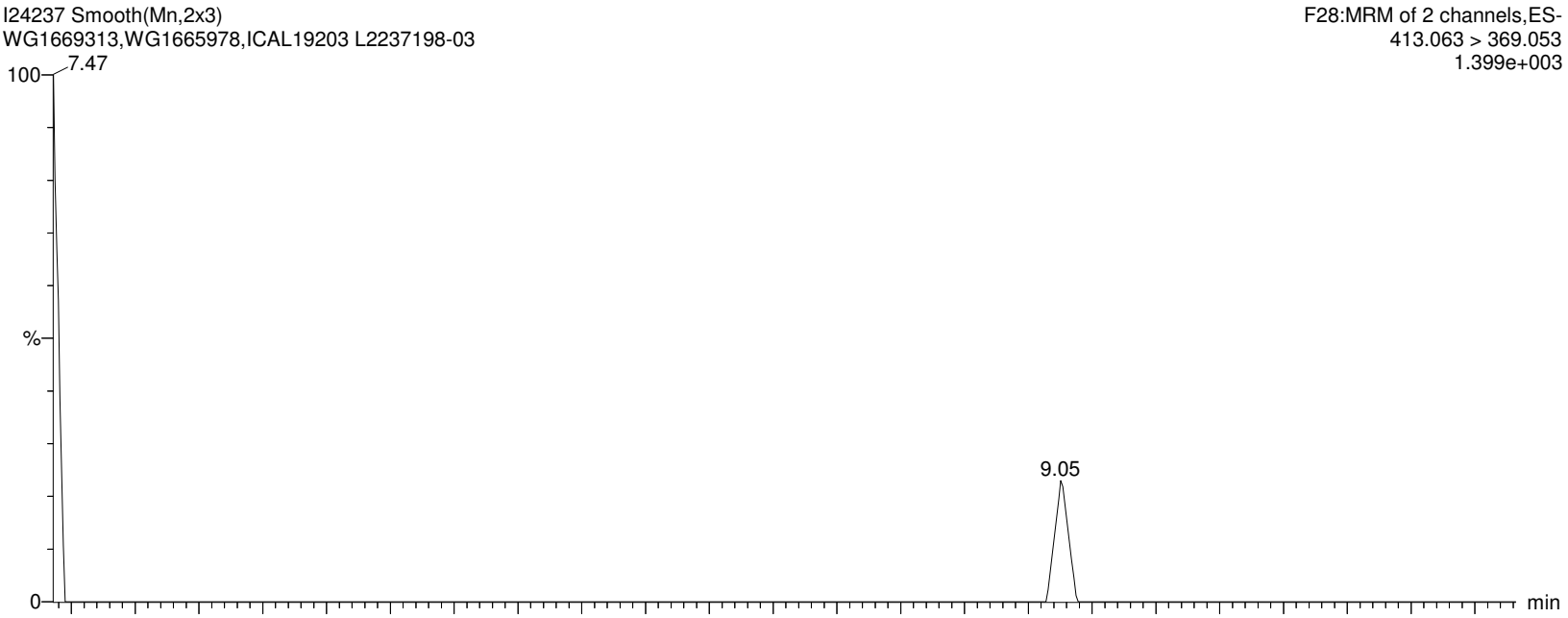


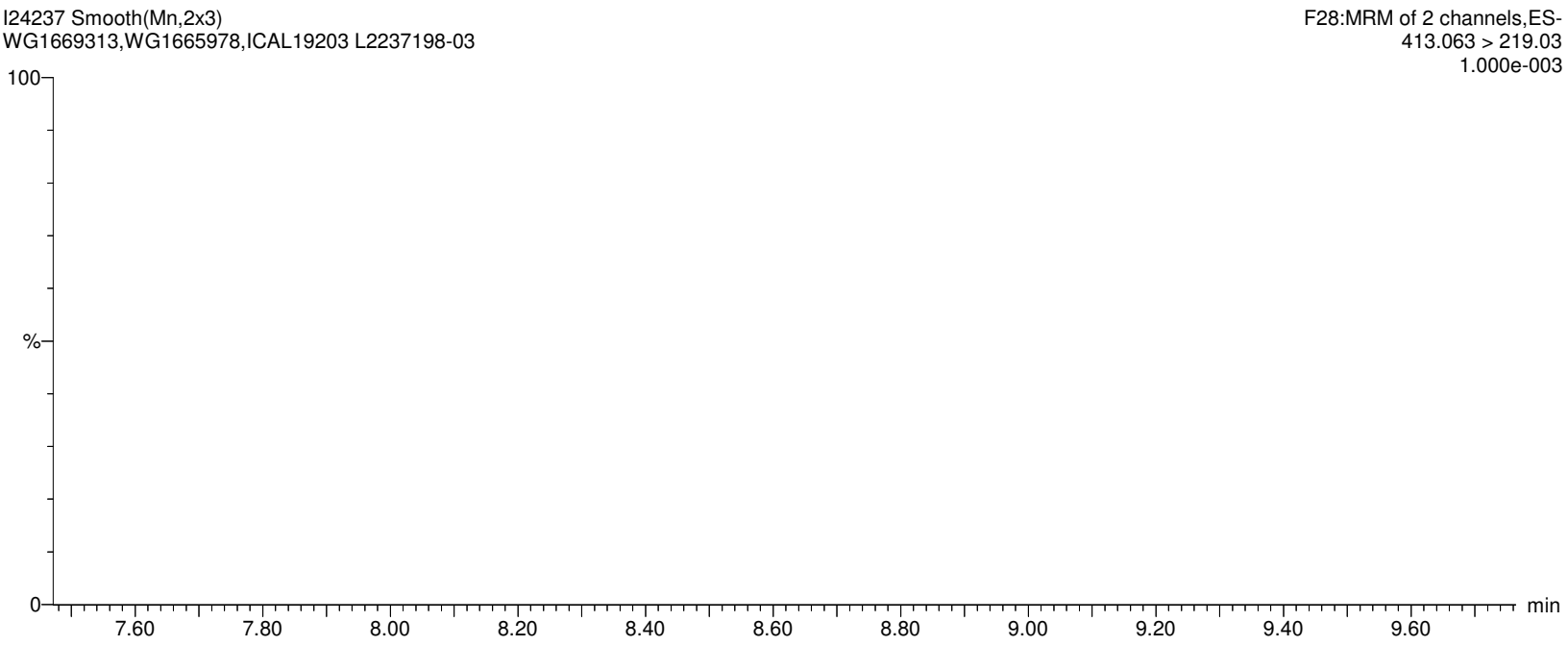
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:45:22 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:45:42 Eastern Daylight Time

Name: I24237
ID: L2237198-03
Date: 31-Jul-2022
Time: 01:41:05
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

br-PFOA



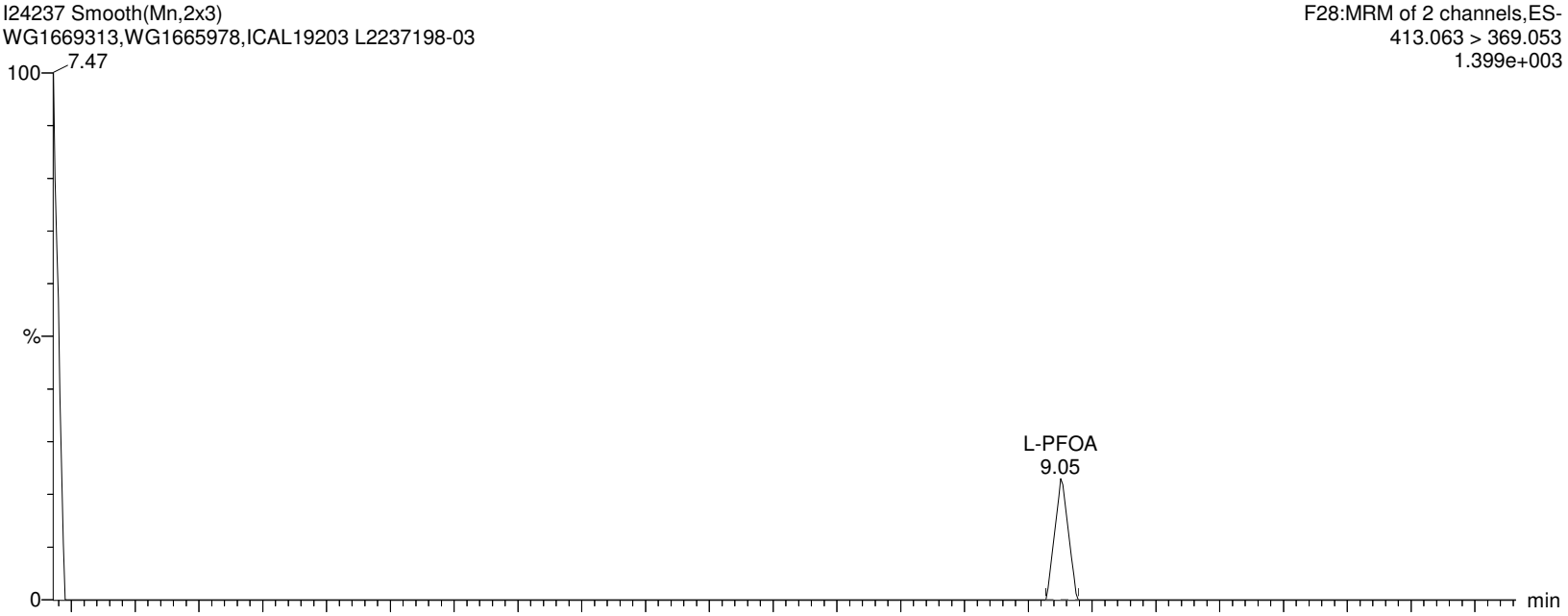


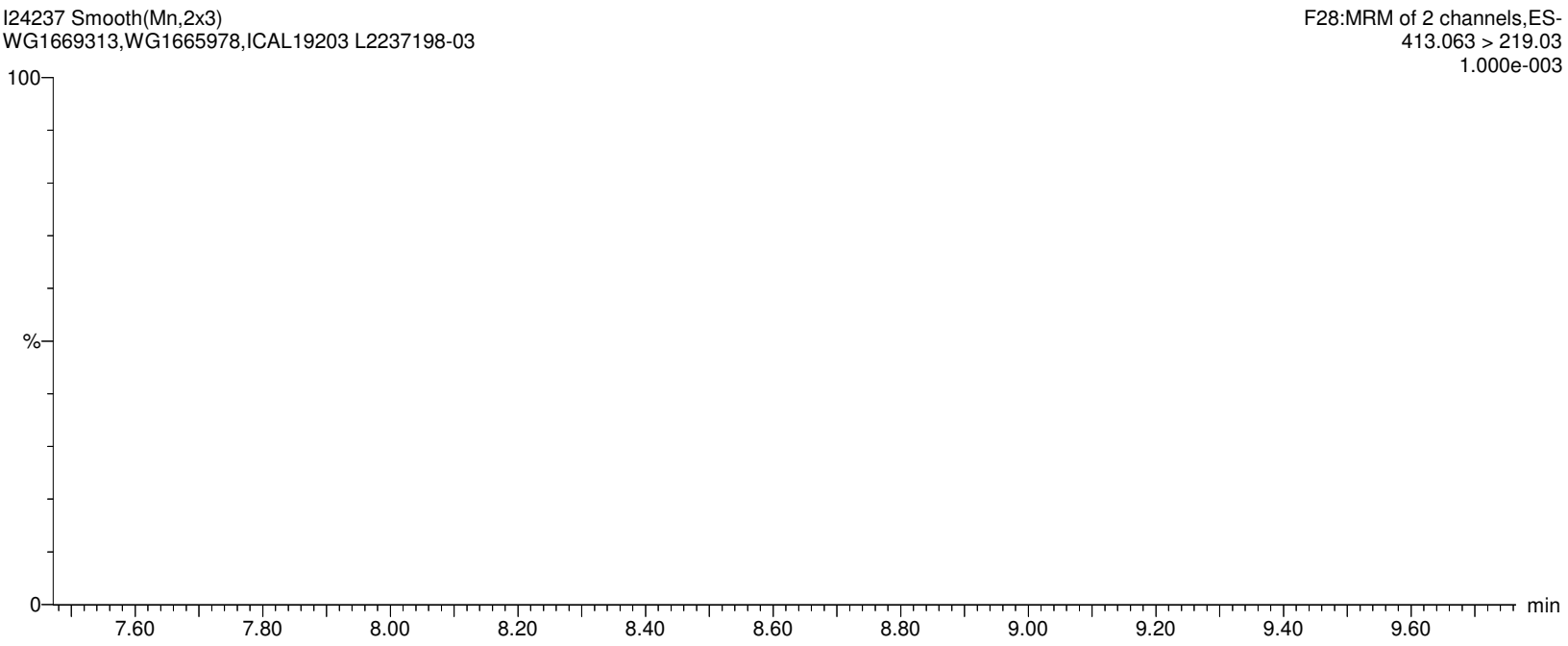
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:45:22 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:45:42 Eastern Daylight Time

Name: I24237
ID: L2237198-03
Date: 31-Jul-2022
Time: 01:41:05
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

L-PFOA



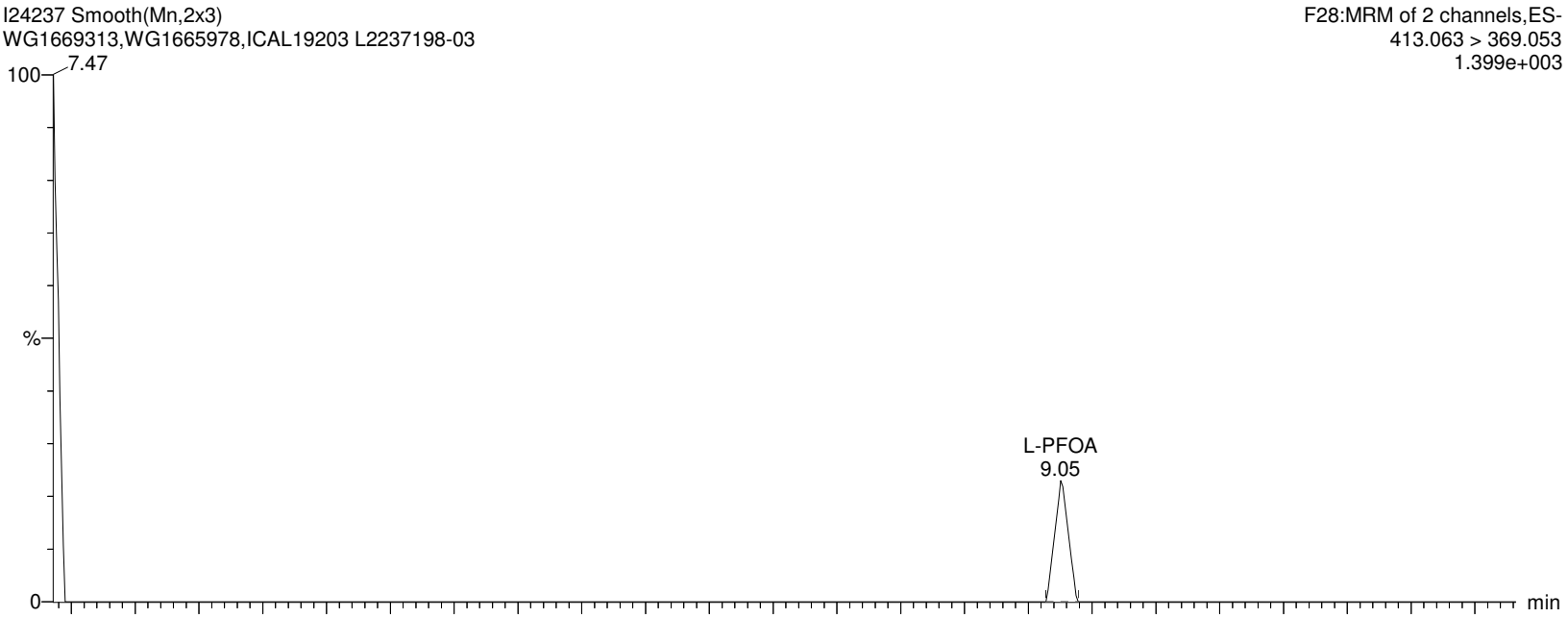


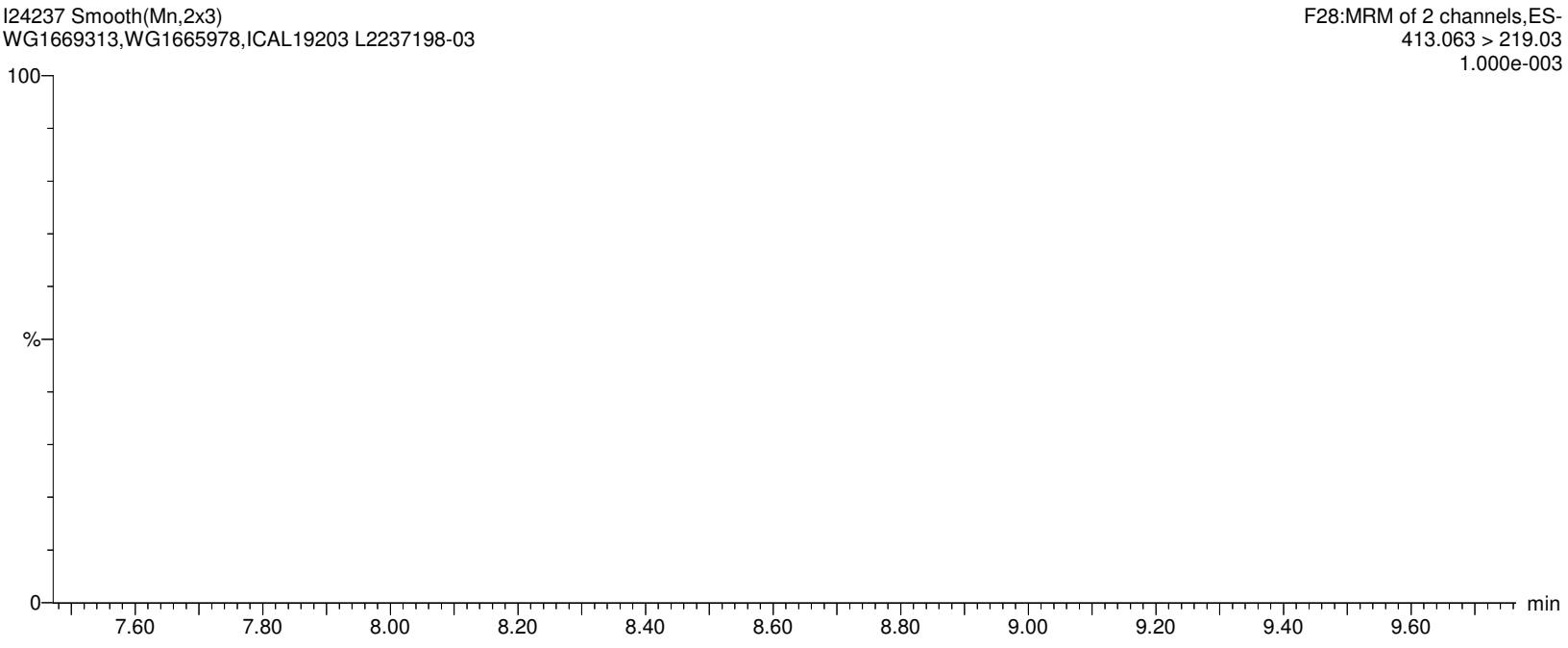
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:45:22 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:45:42 Eastern Daylight Time

Name: I24237
ID: L2237198-03
Date: 31-Jul-2022
Time: 01:41:05
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFOA



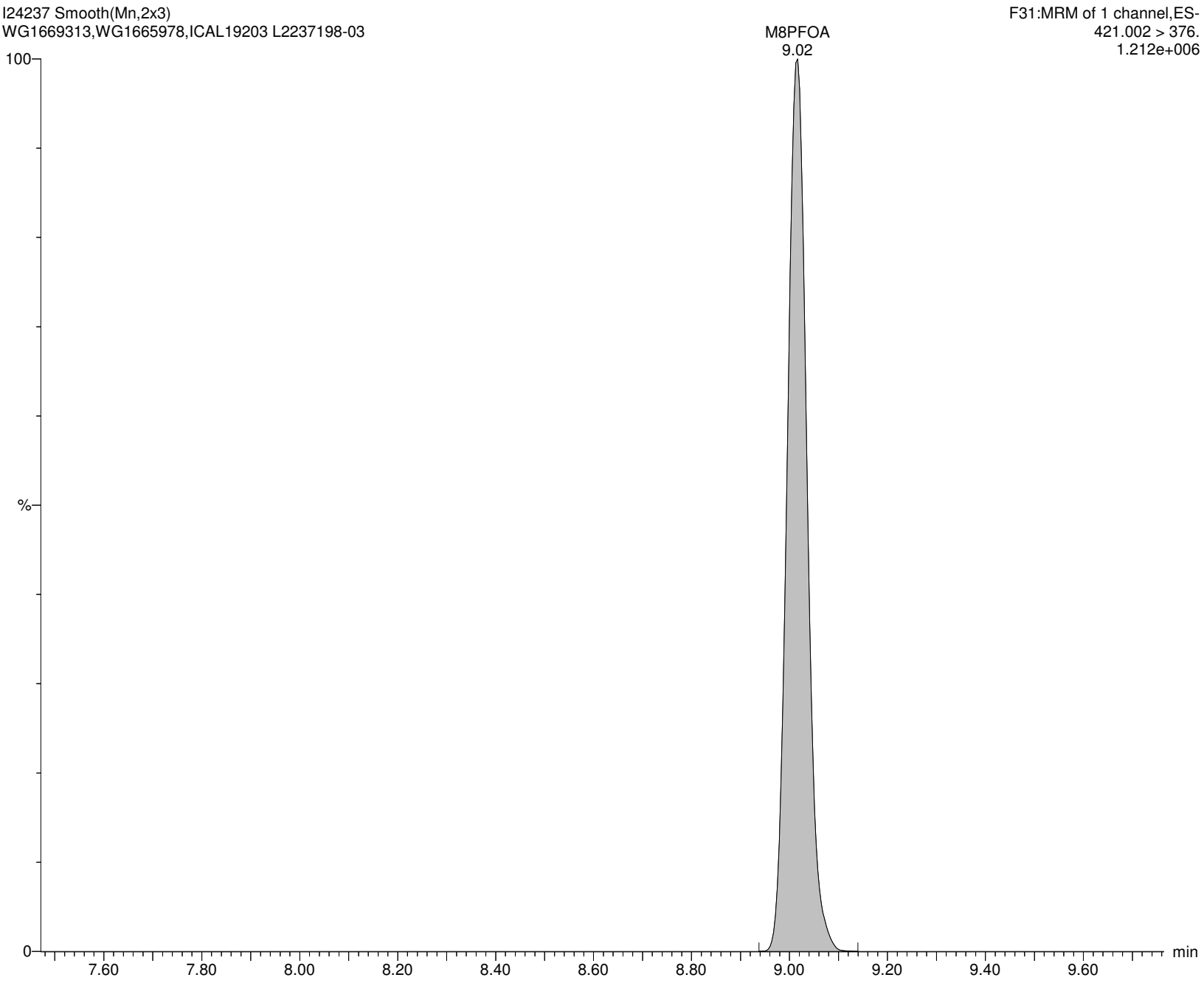


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:45:22 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:45:42 Eastern Daylight Time

Name: I24237
ID: L2237198-03
Date: 31-Jul-2022
Time: 01:41:05
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M8PFOA

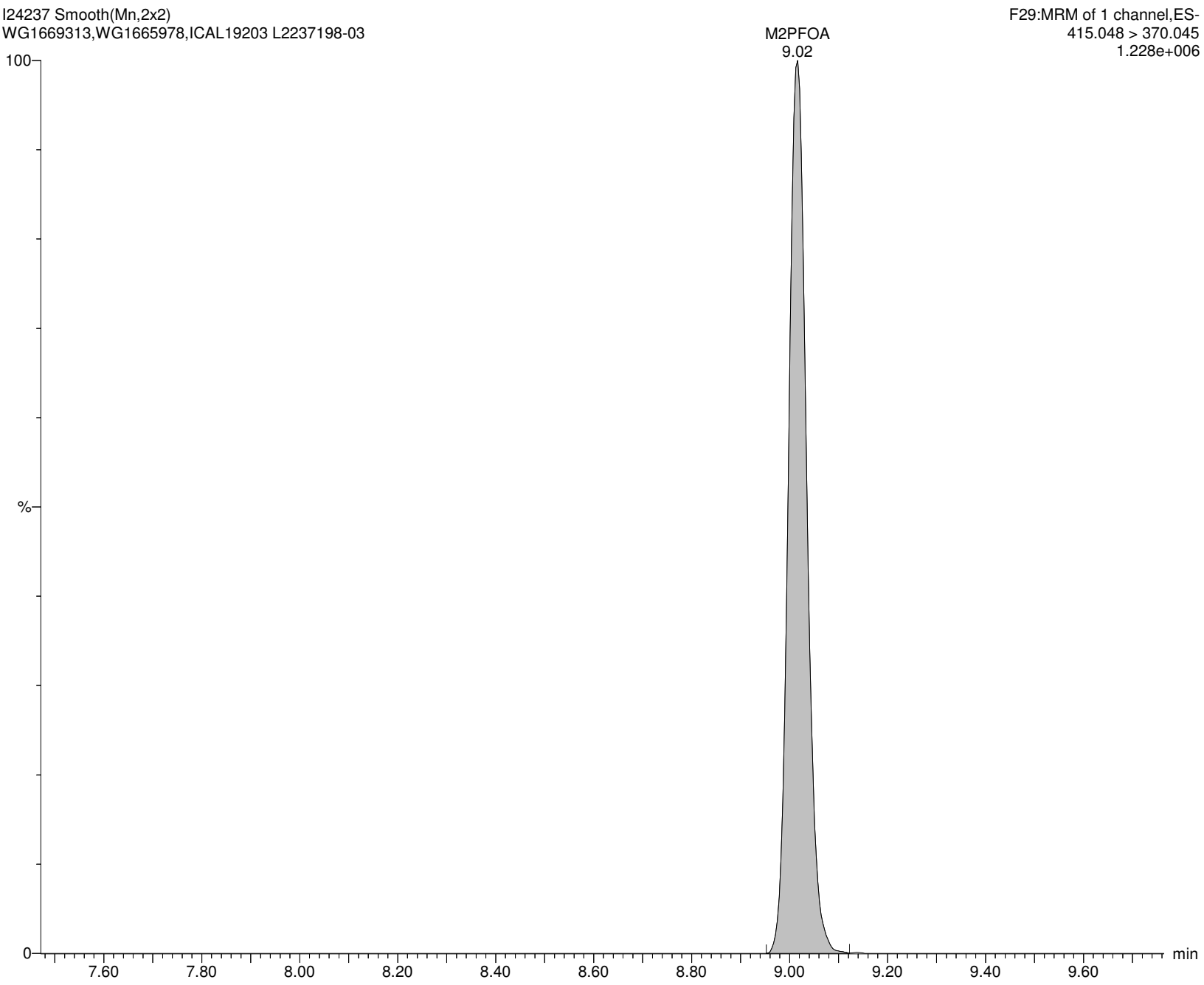


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:45:22 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:45:42 Eastern Daylight Time

Name: I24237
ID: L2237198-03
Date: 31-Jul-2022
Time: 01:41:05
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2PFOA

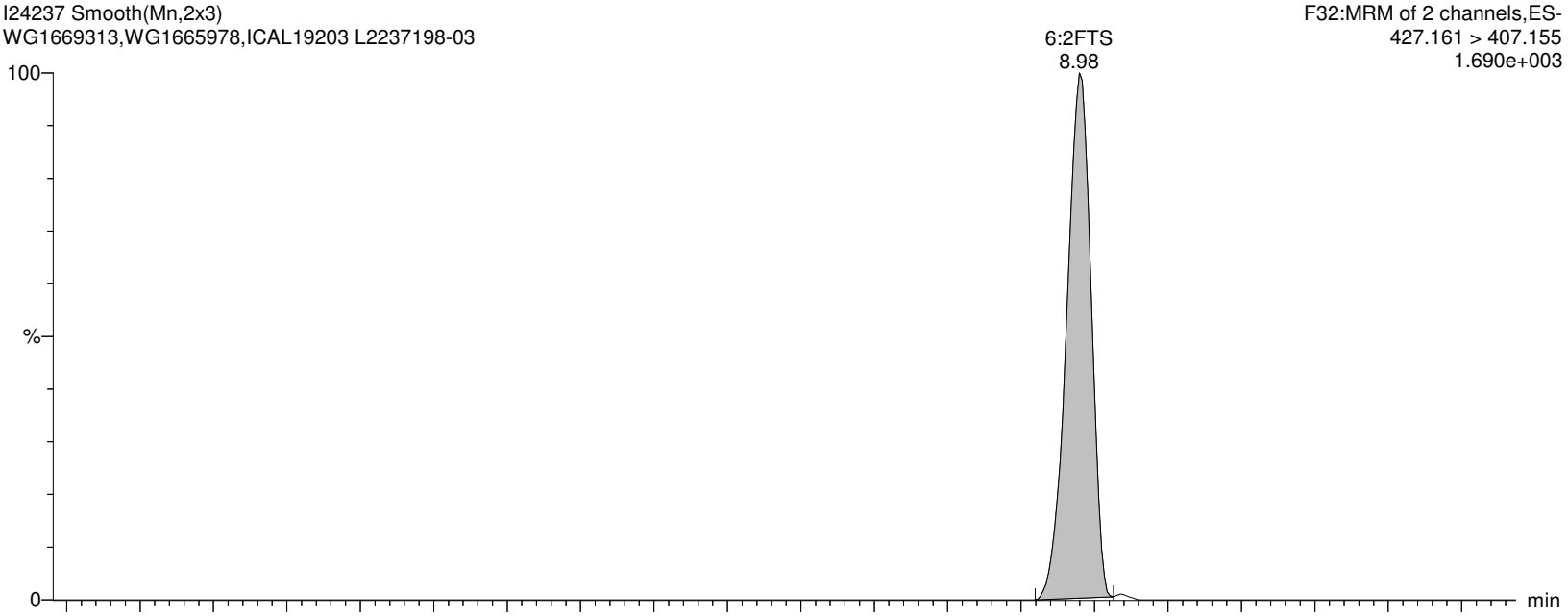


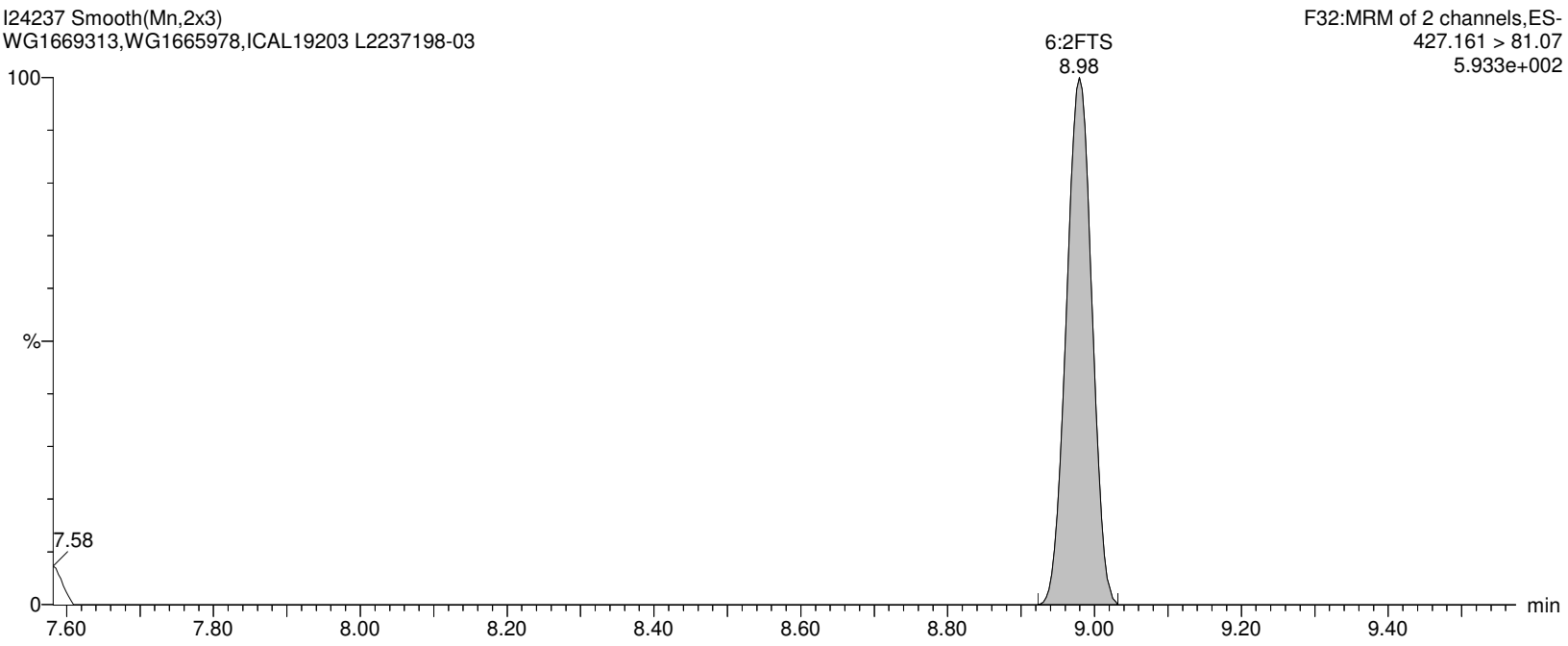
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:45:22 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:45:42 Eastern Daylight Time

Name: I24237
ID: L2237198-03
Date: 31-Jul-2022
Time: 01:41:05
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

6:2FTS



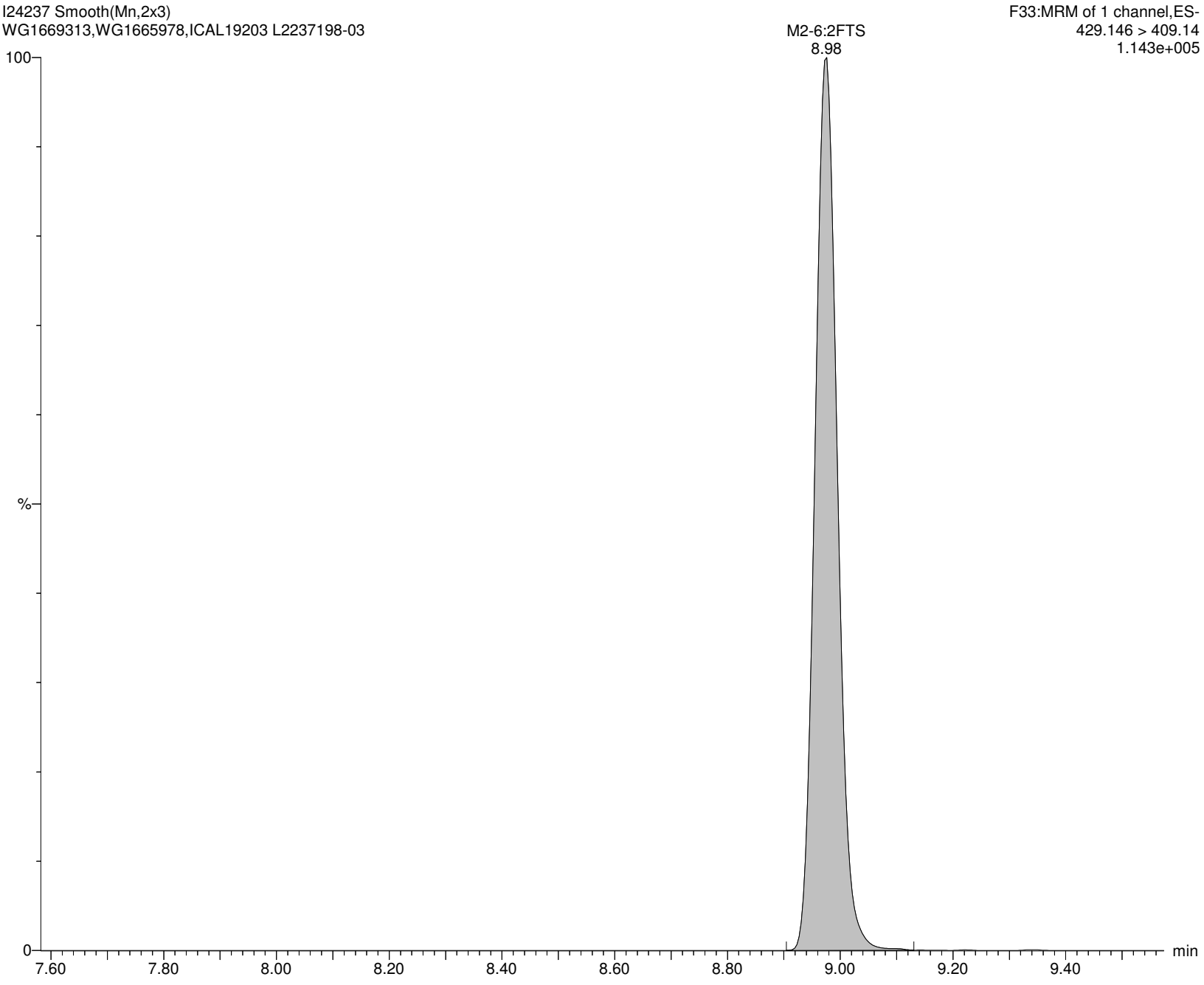


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:45:22 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:45:42 Eastern Daylight Time

Name: I24237
ID: L2237198-03
Date: 31-Jul-2022
Time: 01:41:05
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2-6:2FTS

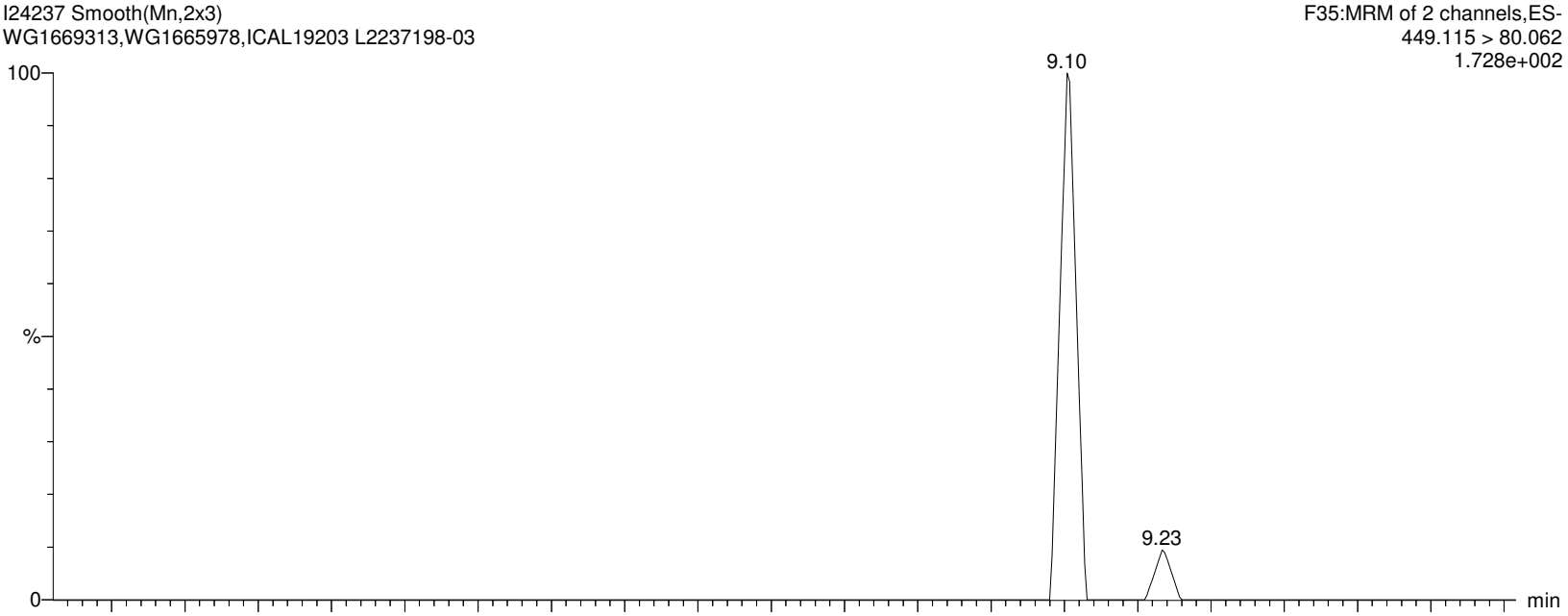


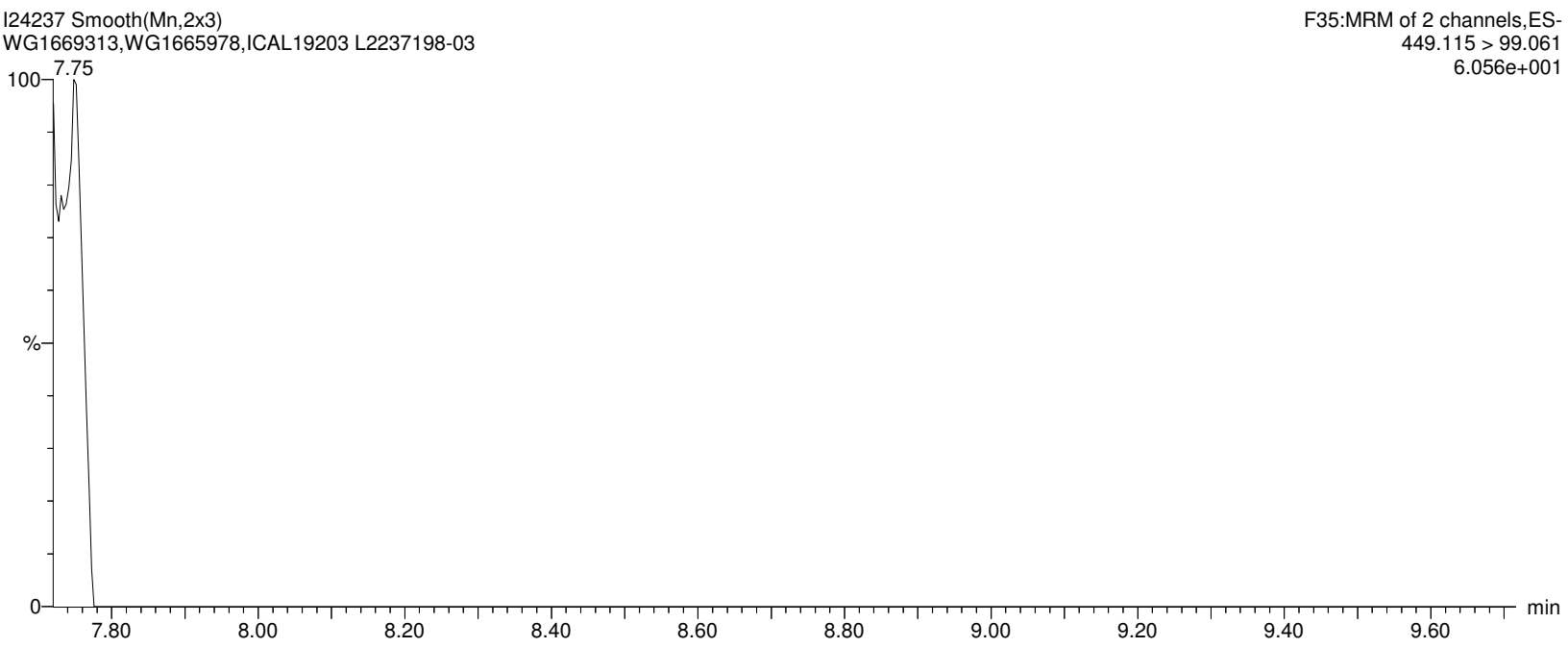
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:45:22 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:45:42 Eastern Daylight Time

Name: I24237
ID: L2237198-03
Date: 31-Jul-2022
Time: 01:41:05
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFHpS



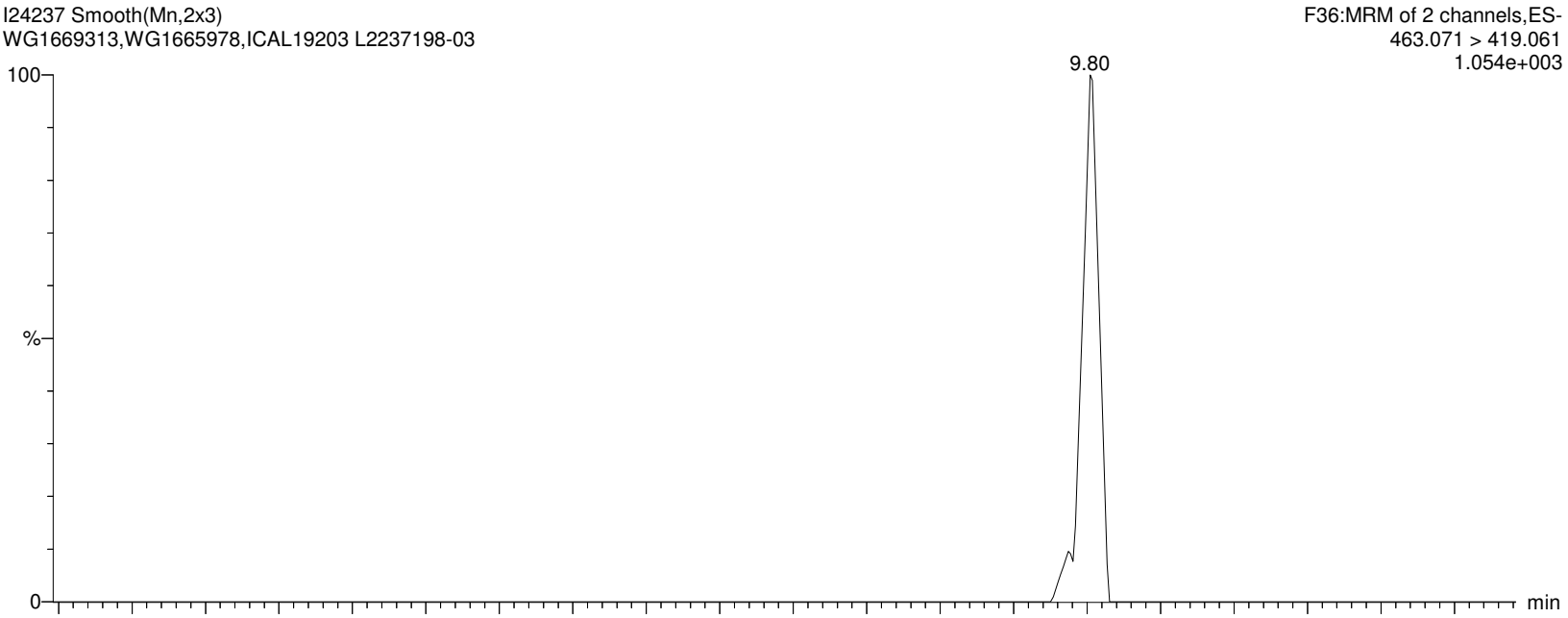


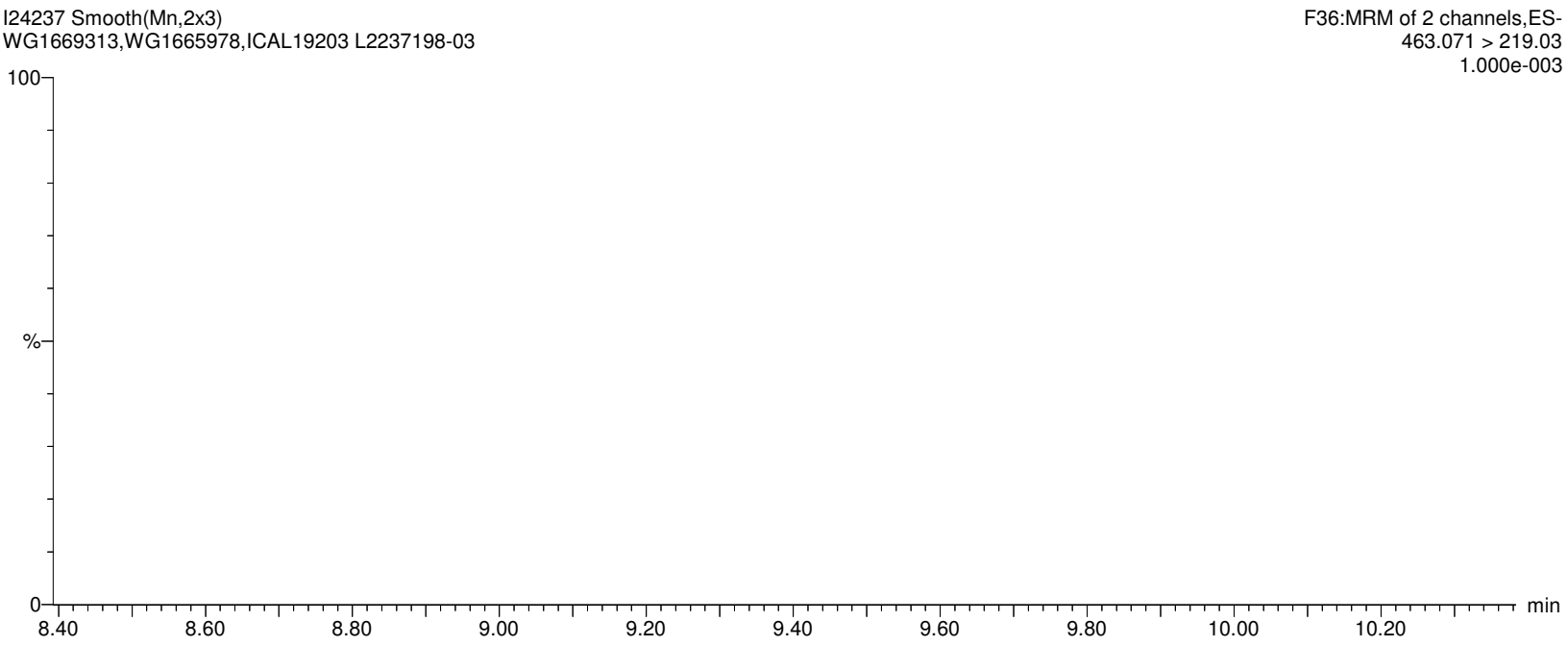
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:45:22 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:45:42 Eastern Daylight Time

Name: I24237
ID: L2237198-03
Date: 31-Jul-2022
Time: 01:41:05
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFNA



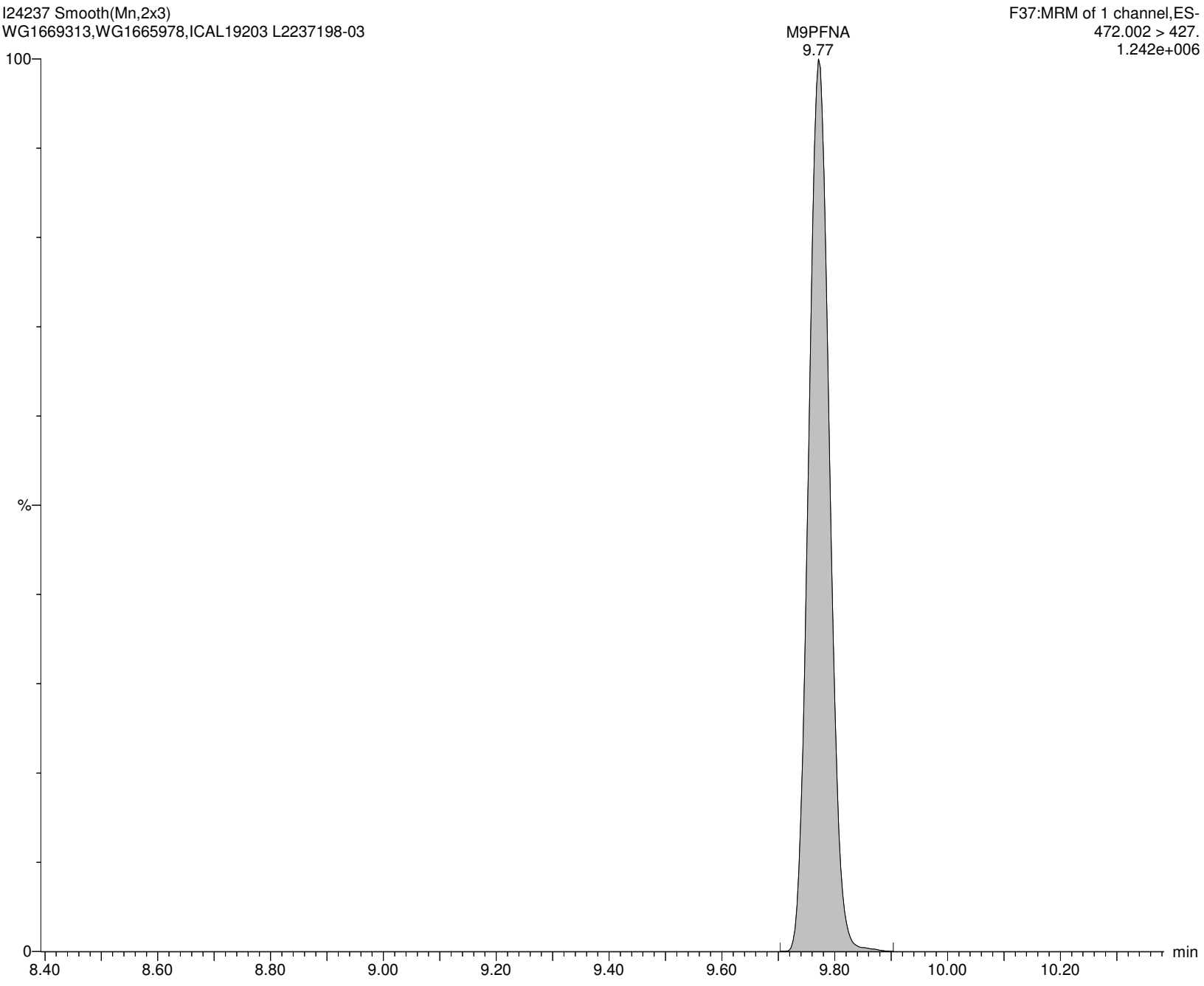


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:45:22 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:45:42 Eastern Daylight Time

Name: I24237
ID: L2237198-03
Date: 31-Jul-2022
Time: 01:41:05
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M9PFNA

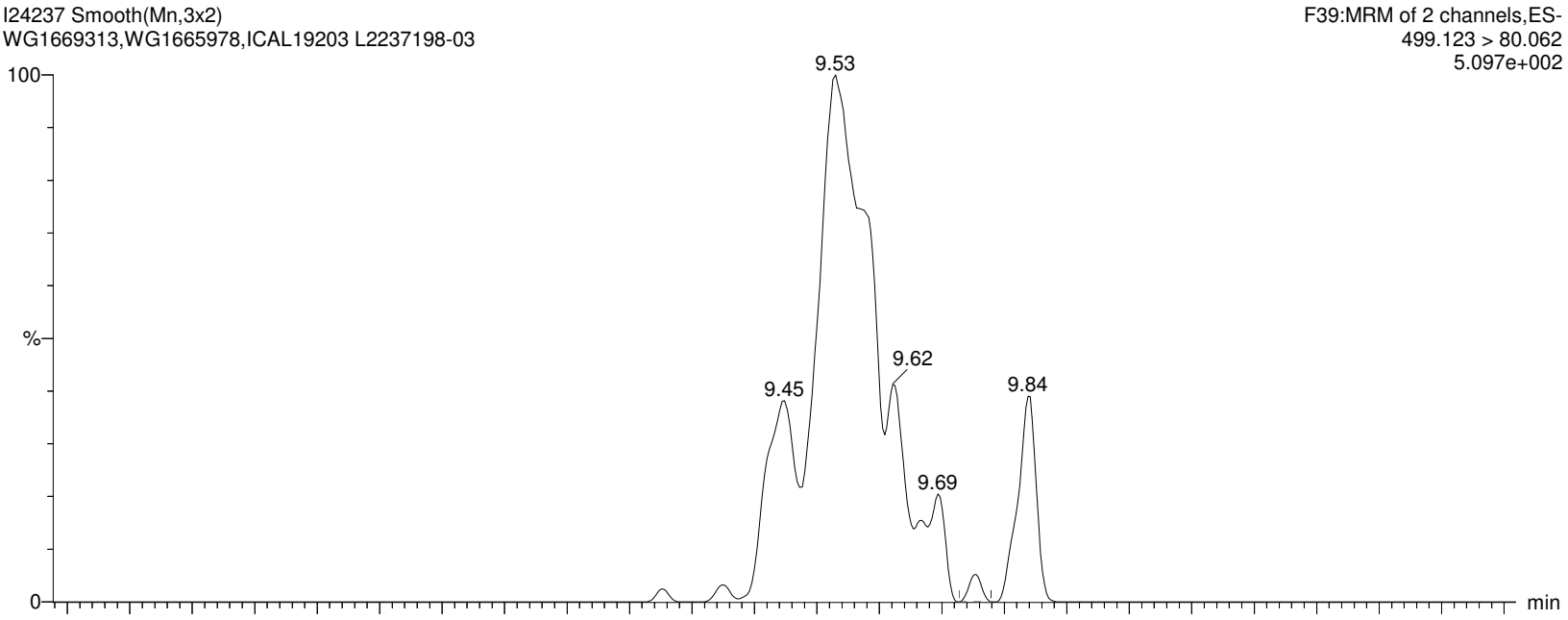


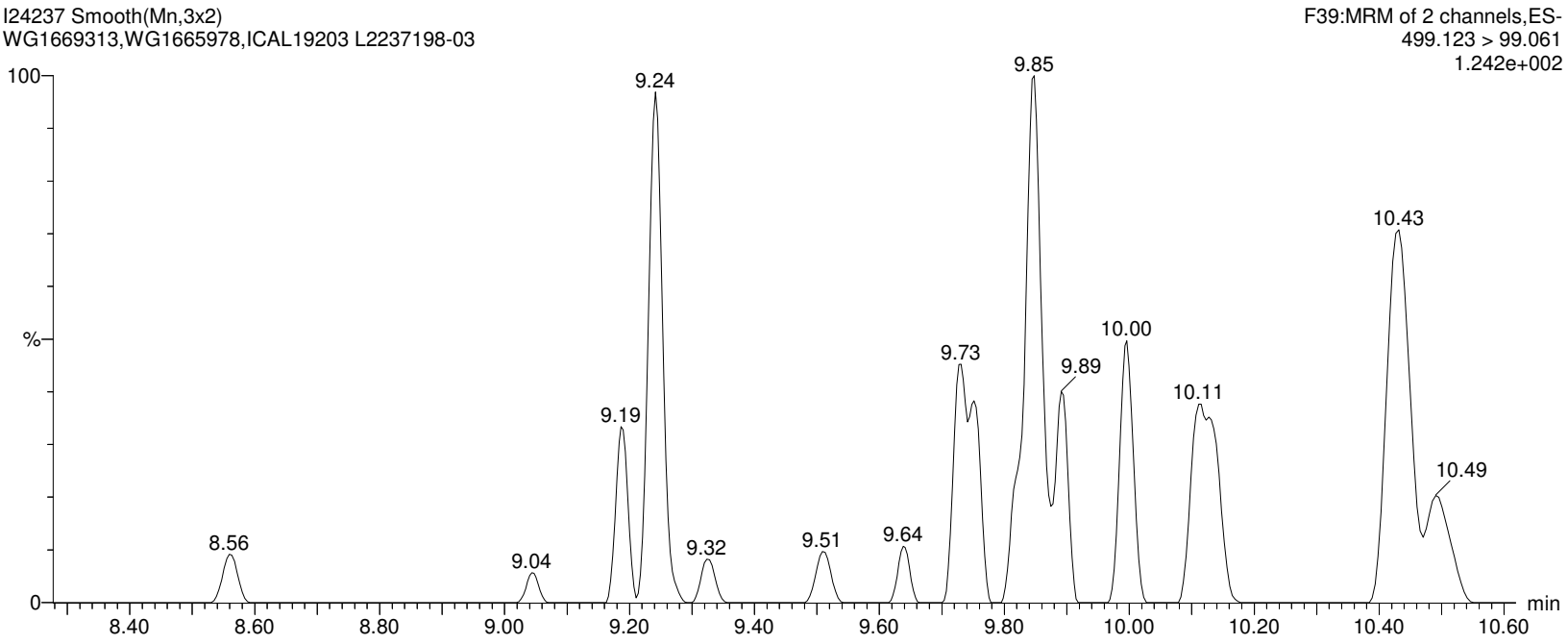
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:45:22 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:45:42 Eastern Daylight Time

Name: I24237
ID: L2237198-03
Date: 31-Jul-2022
Time: 01:41:05
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

br-PFOS



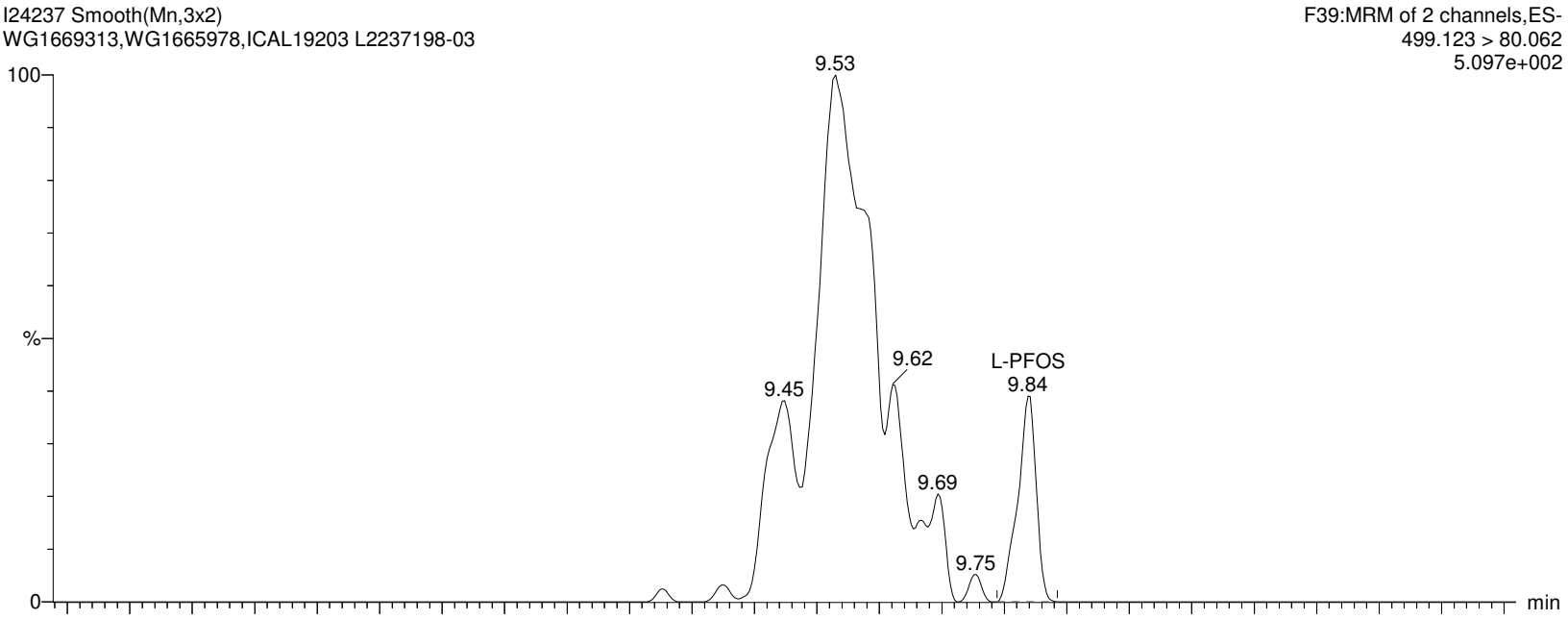


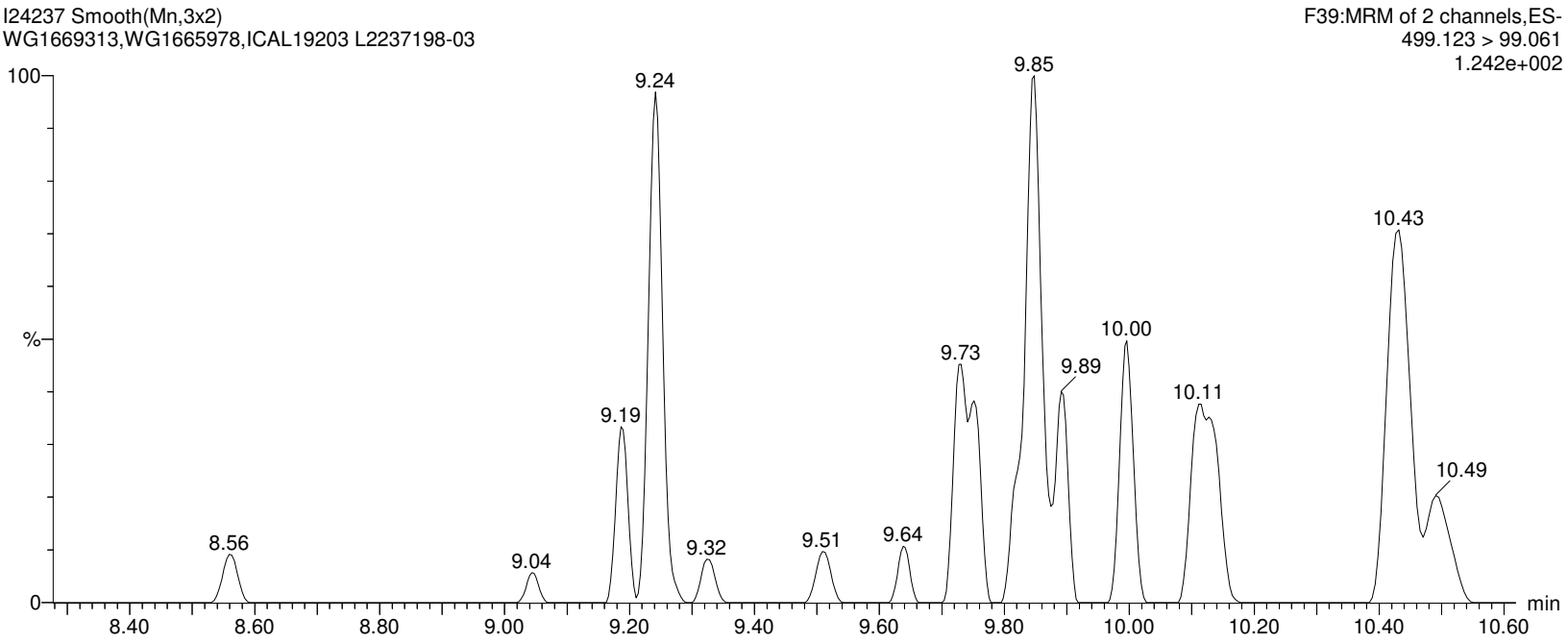
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:45:22 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:45:42 Eastern Daylight Time

Name: I24237
ID: L2237198-03
Date: 31-Jul-2022
Time: 01:41:05
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

L-PFOS



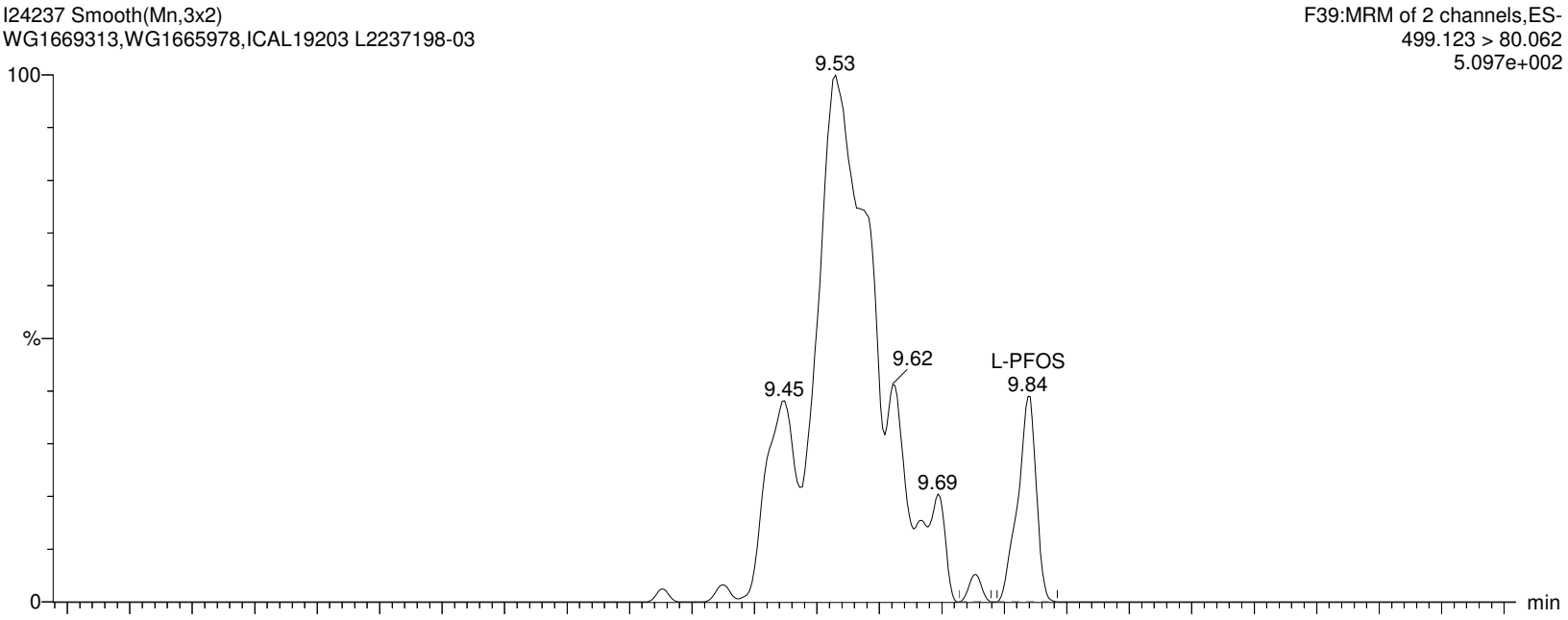


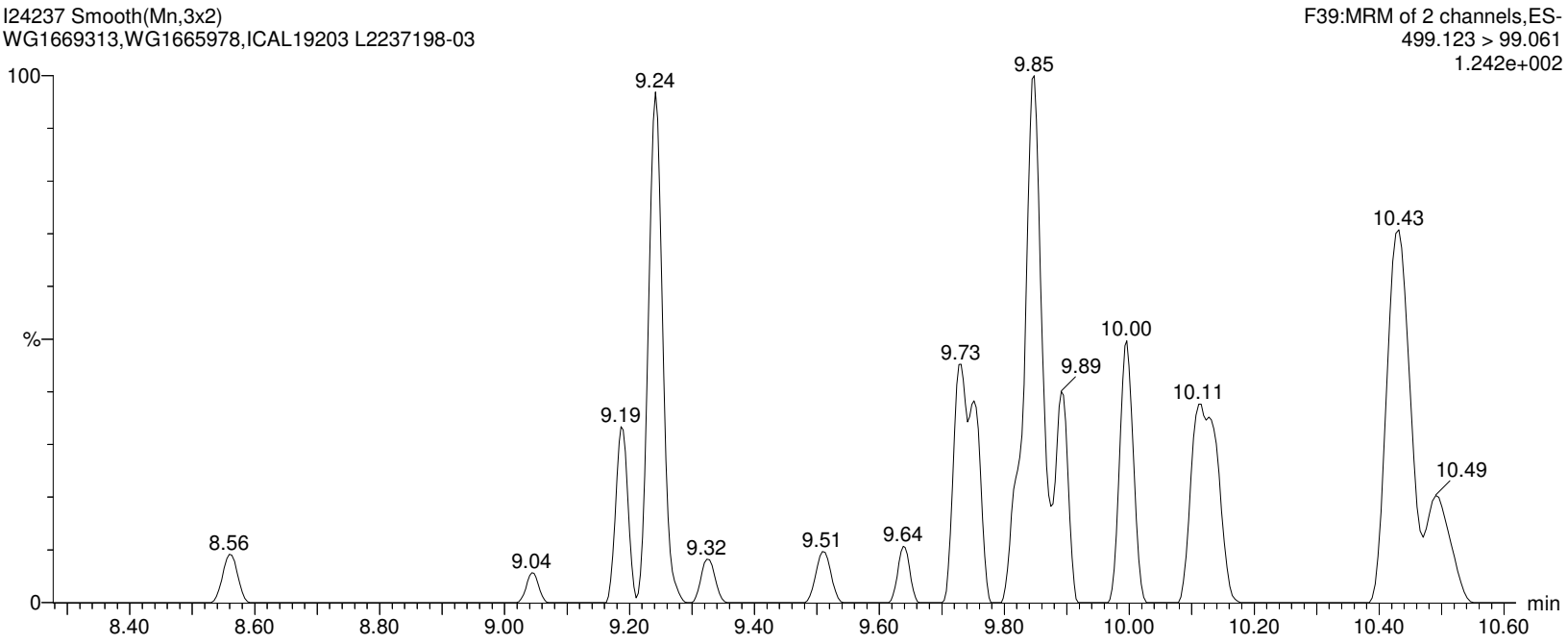
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:45:22 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:45:42 Eastern Daylight Time

Name: I24237
ID: L2237198-03
Date: 31-Jul-2022
Time: 01:41:05
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFOS



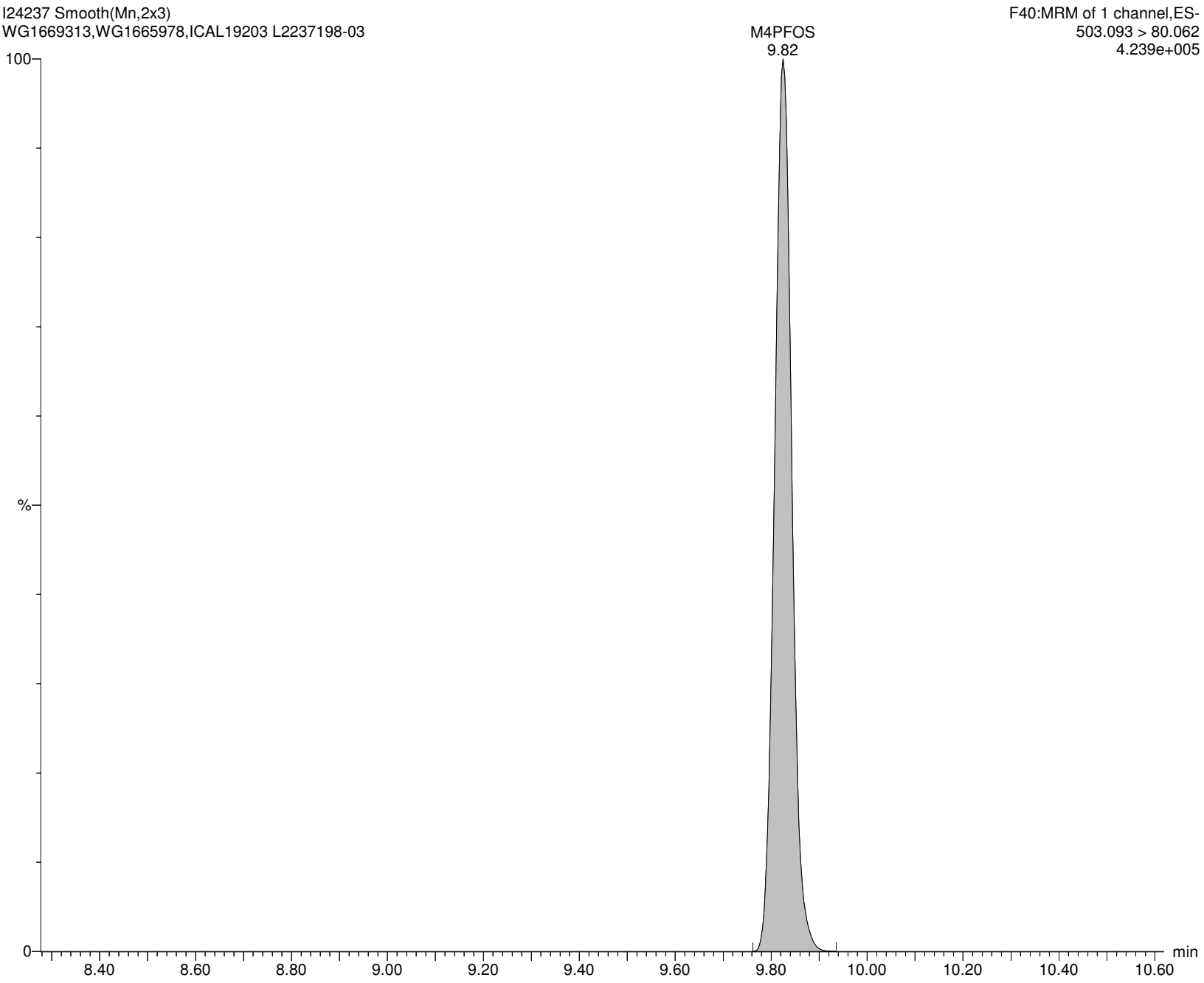


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:45:22 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:45:42 Eastern Daylight Time

Name: I24237
ID: L2237198-03
Date: 31-Jul-2022
Time: 01:41:05
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M4PFOS

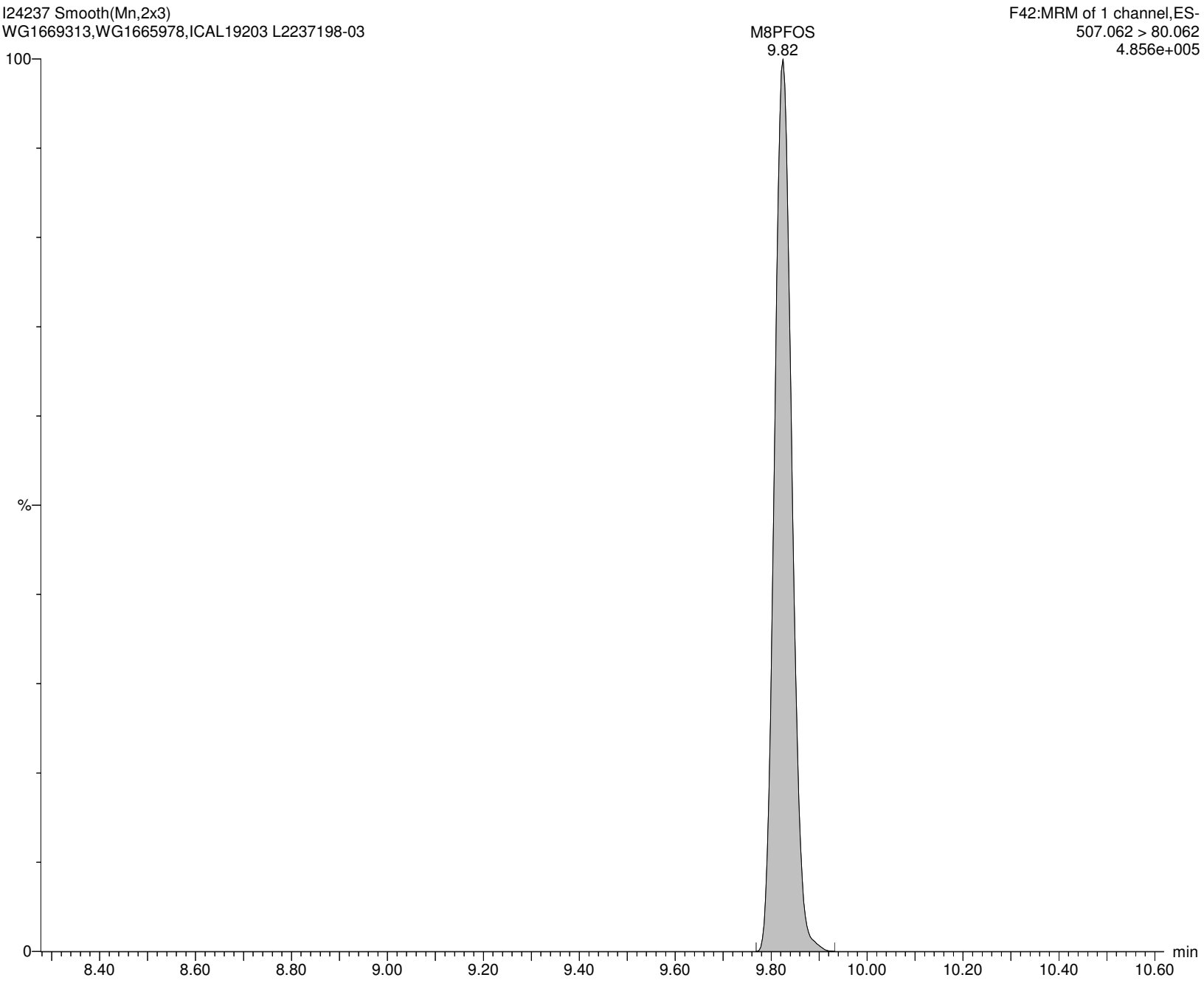


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:45:22 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:45:42 Eastern Daylight Time

Name: I24237
ID: L2237198-03
Date: 31-Jul-2022
Time: 01:41:05
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M8PFOS

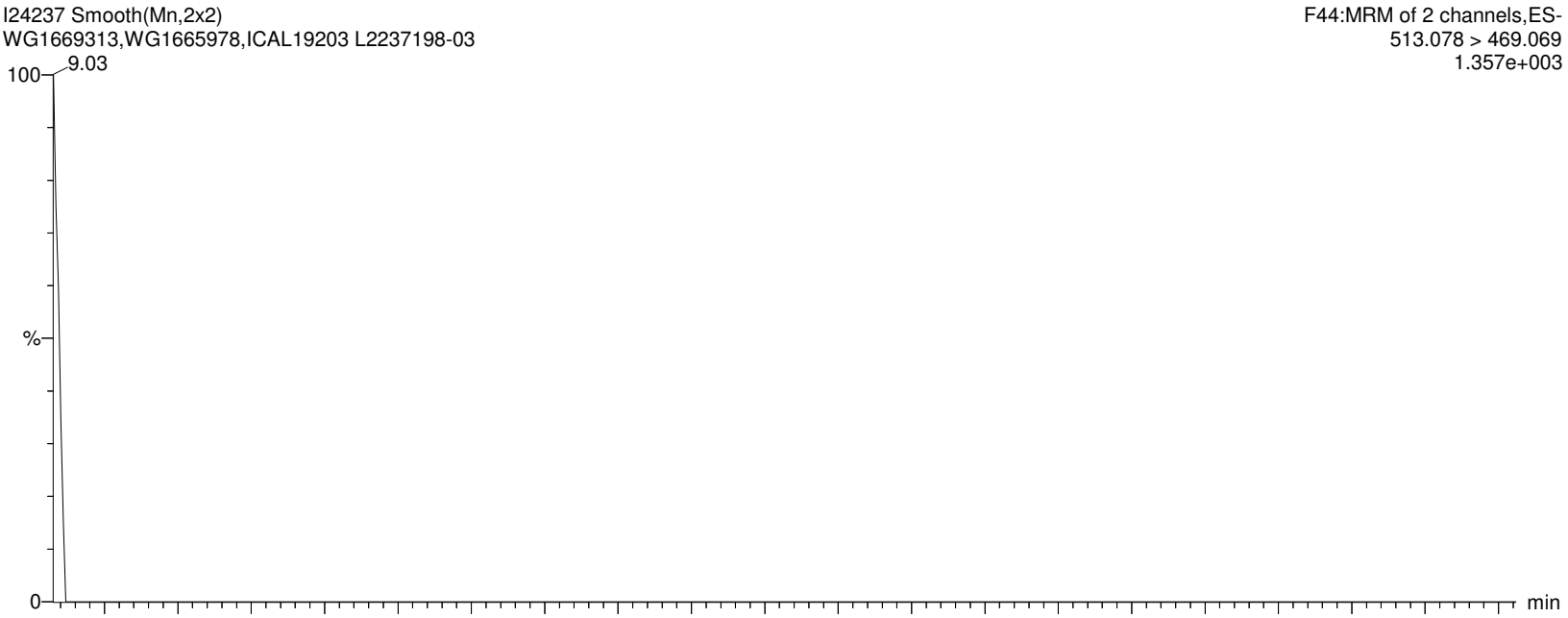


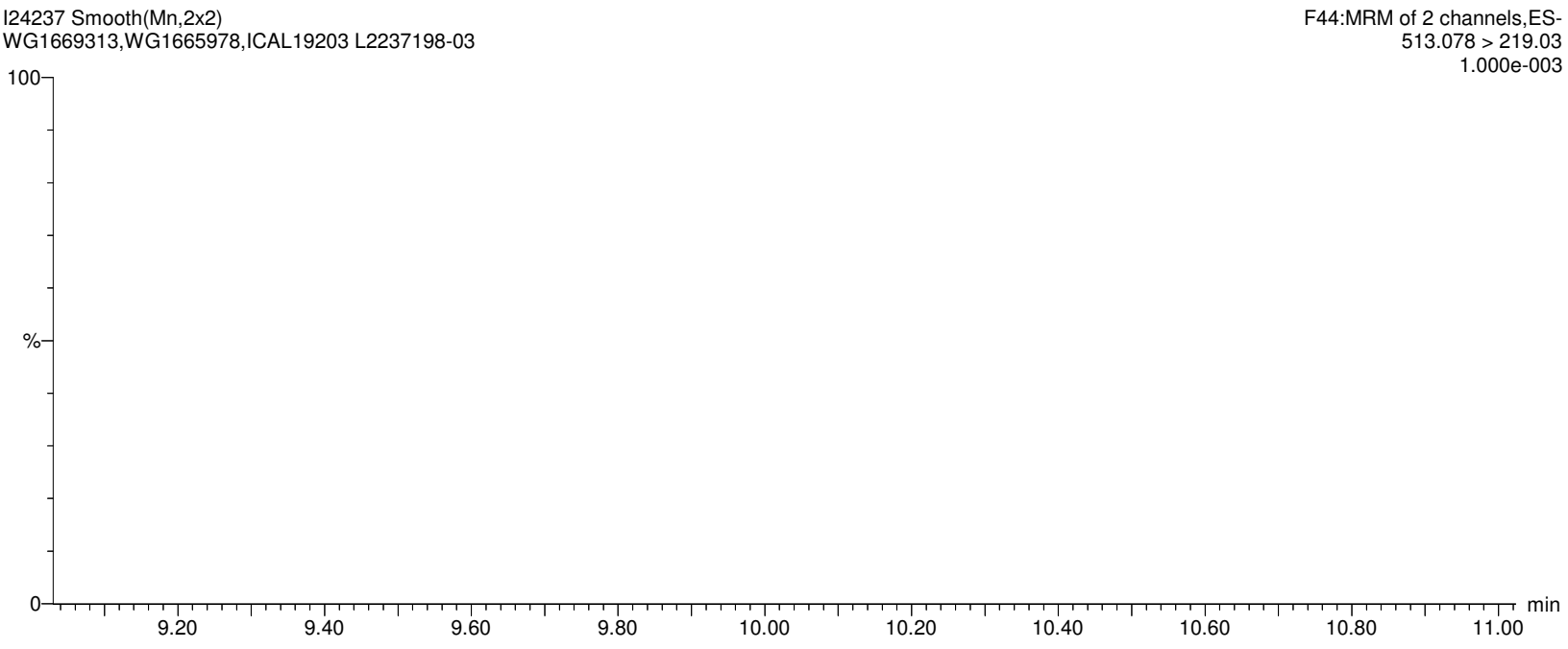
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:45:22 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:45:42 Eastern Daylight Time

Name: I24237
ID: L2237198-03
Date: 31-Jul-2022
Time: 01:41:05
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFDA



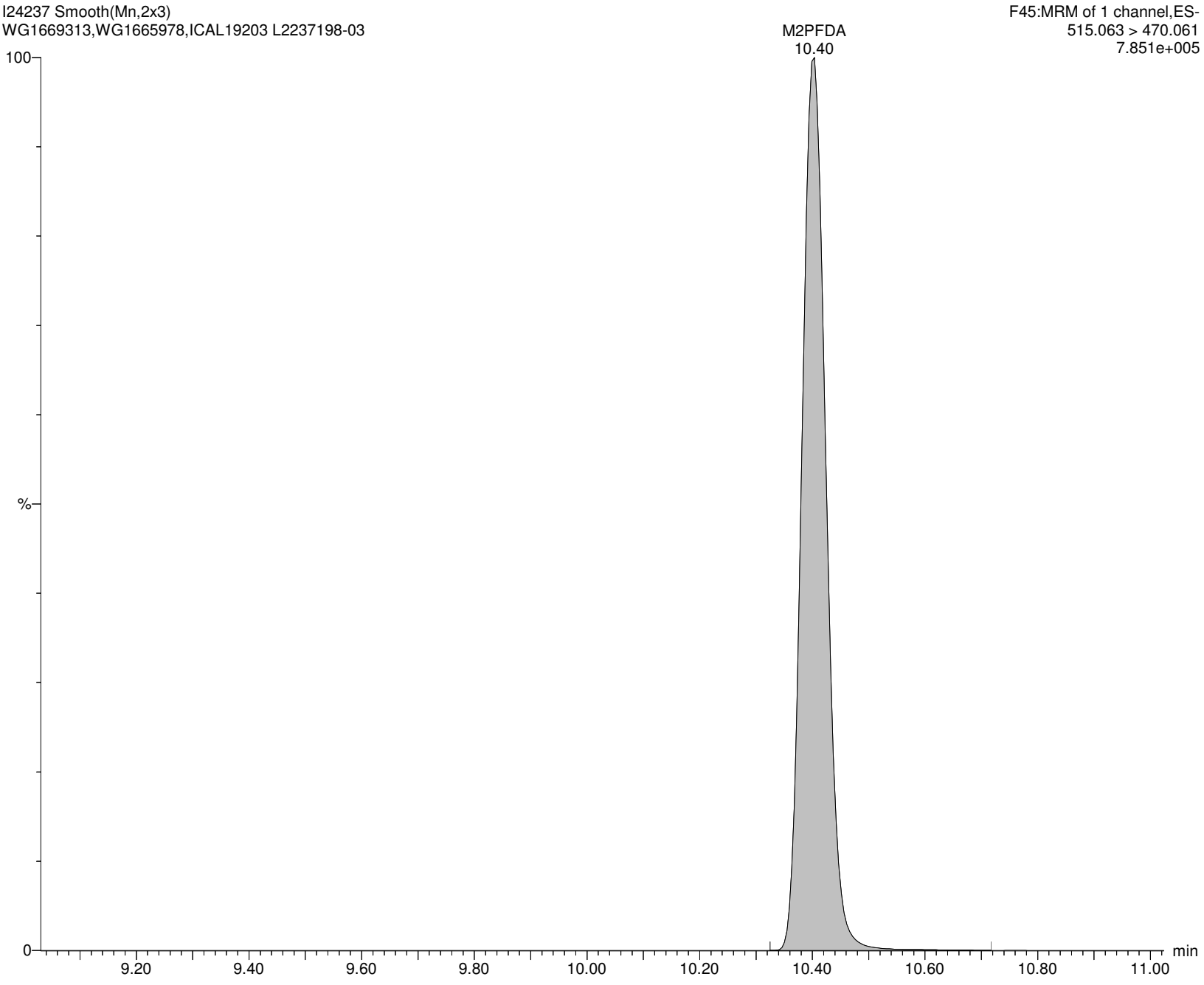


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:45:22 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:45:42 Eastern Daylight Time

Name: I24237
ID: L2237198-03
Date: 31-Jul-2022
Time: 01:41:05
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2PFDA

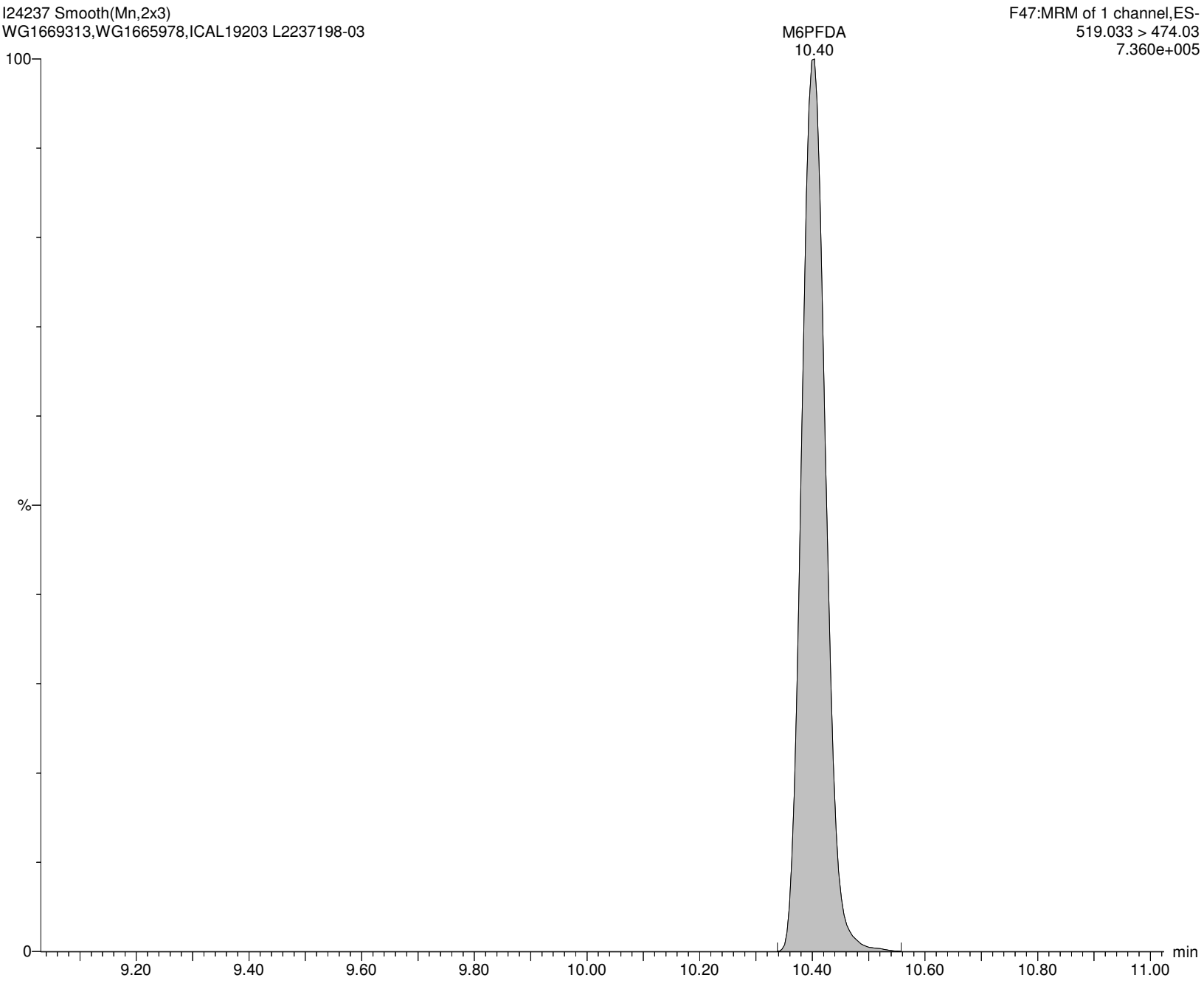


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:45:22 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:45:42 Eastern Daylight Time

Name: I24237
ID: L2237198-03
Date: 31-Jul-2022
Time: 01:41:05
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M6PFDA

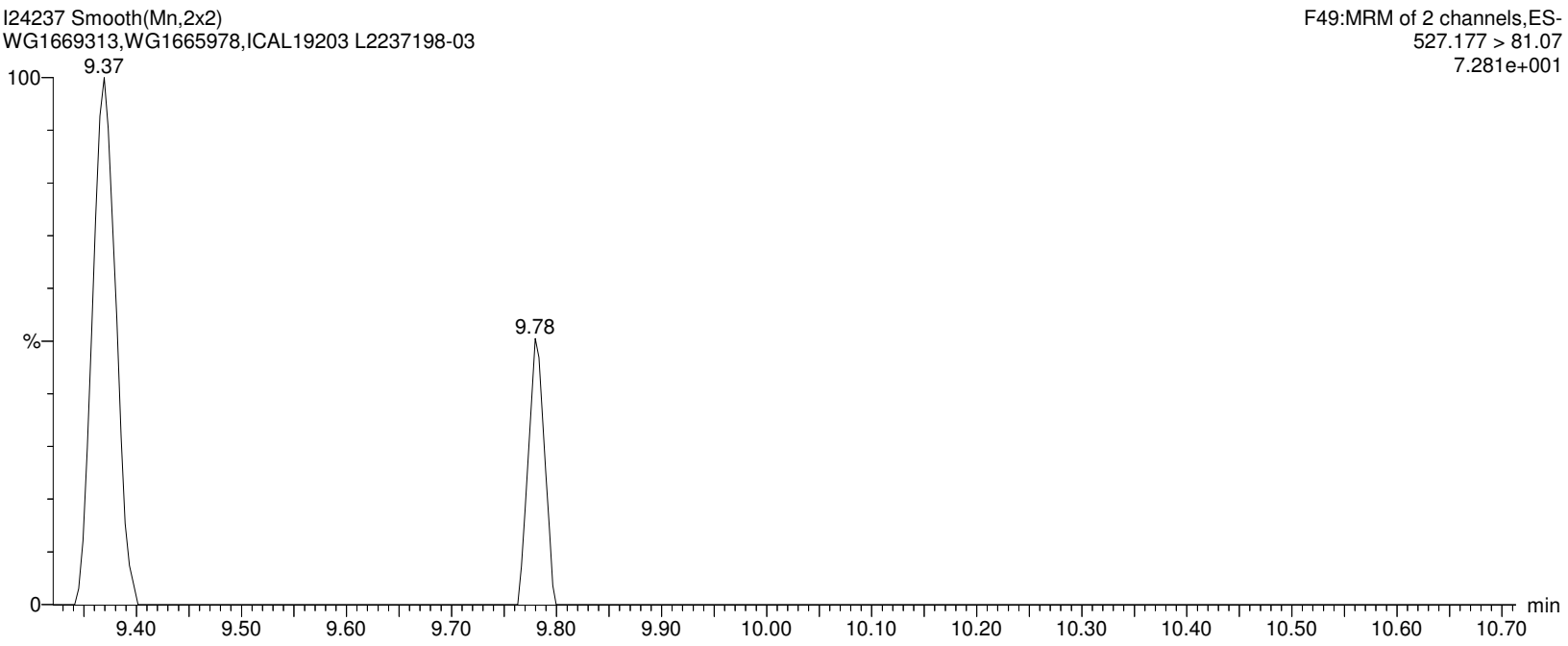


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:45:22 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:45:42 Eastern Daylight Time

Name: I24237
ID: L2237198-03
Date: 31-Jul-2022
Time: 01:41:05
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

8:2FTS

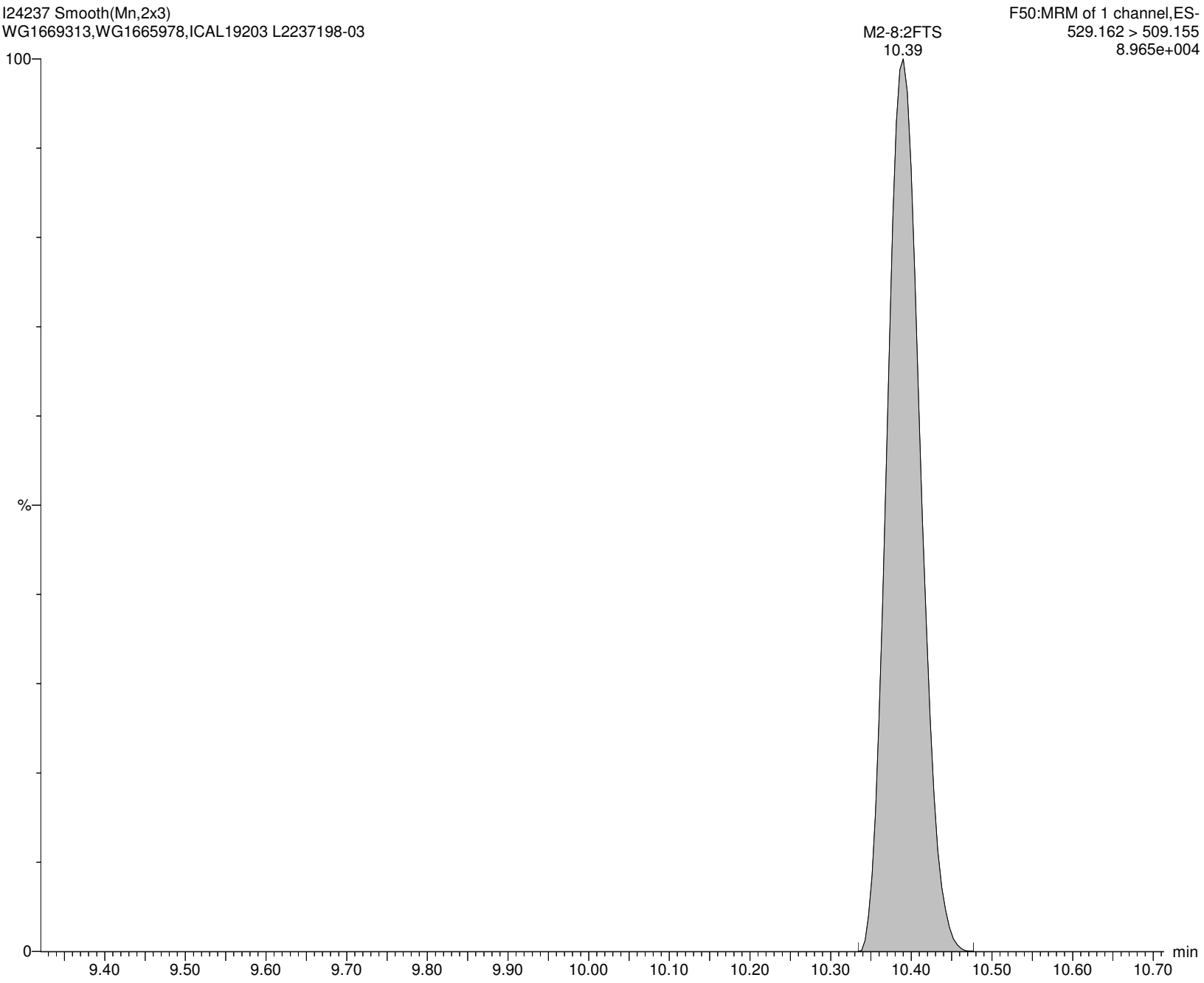


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:45:22 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:45:42 Eastern Daylight Time

Name: I24237
ID: L2237198-03
Date: 31-Jul-2022
Time: 01:41:05
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2-8:2FTS

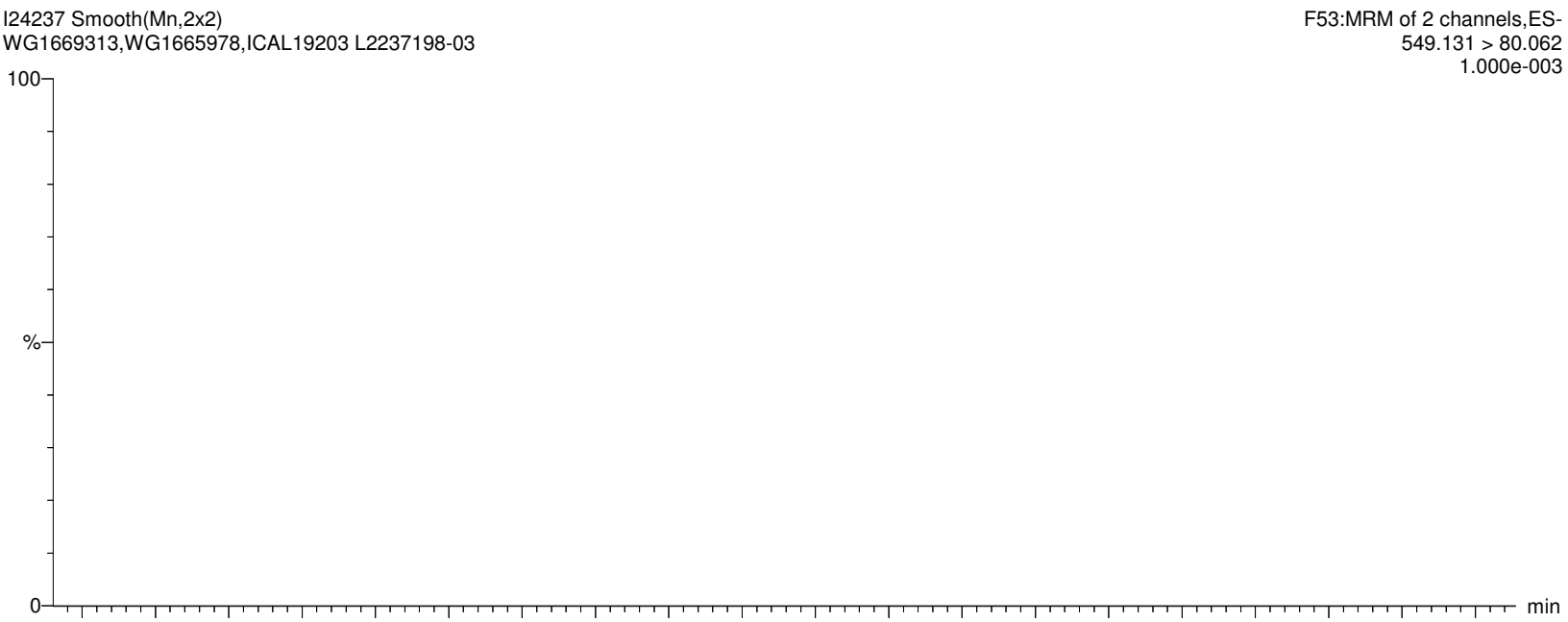


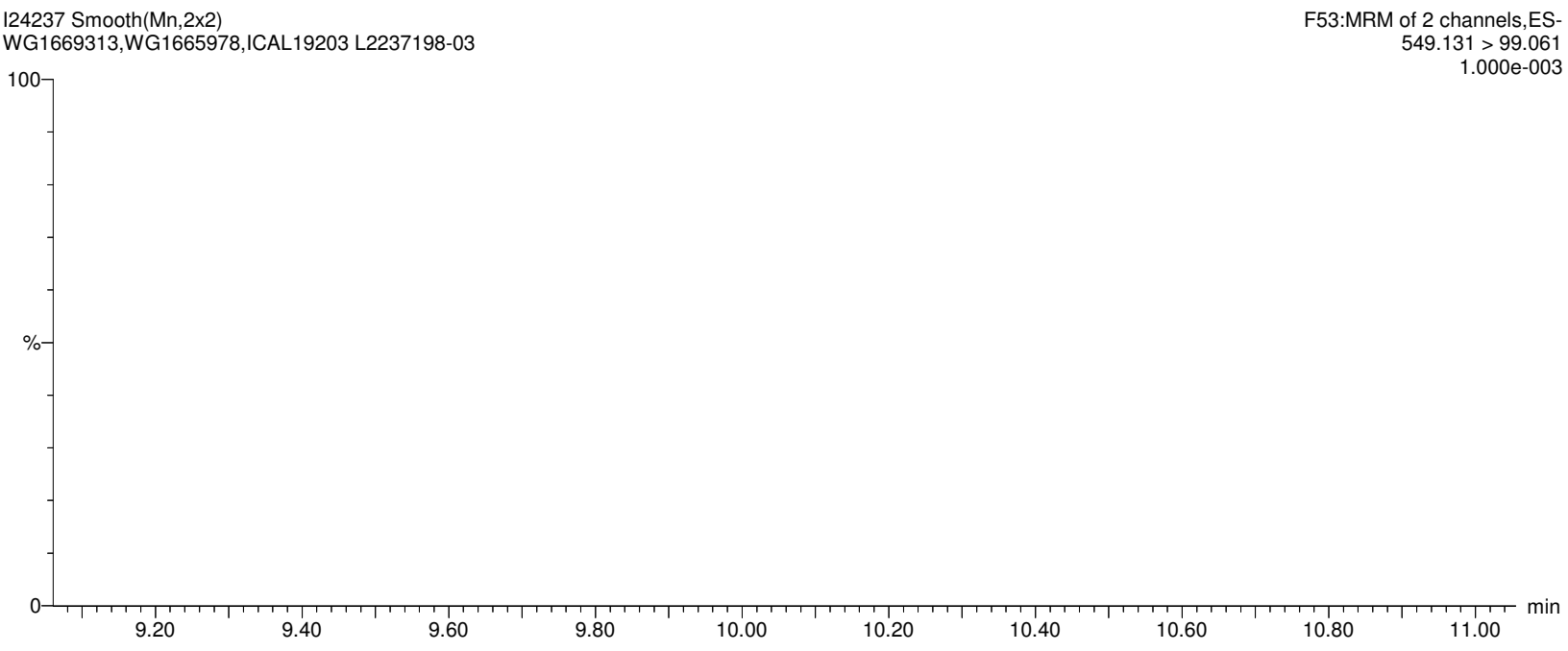
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:45:22 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:45:42 Eastern Daylight Time

Name: I24237
ID: L2237198-03
Date: 31-Jul-2022
Time: 01:41:05
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFNS



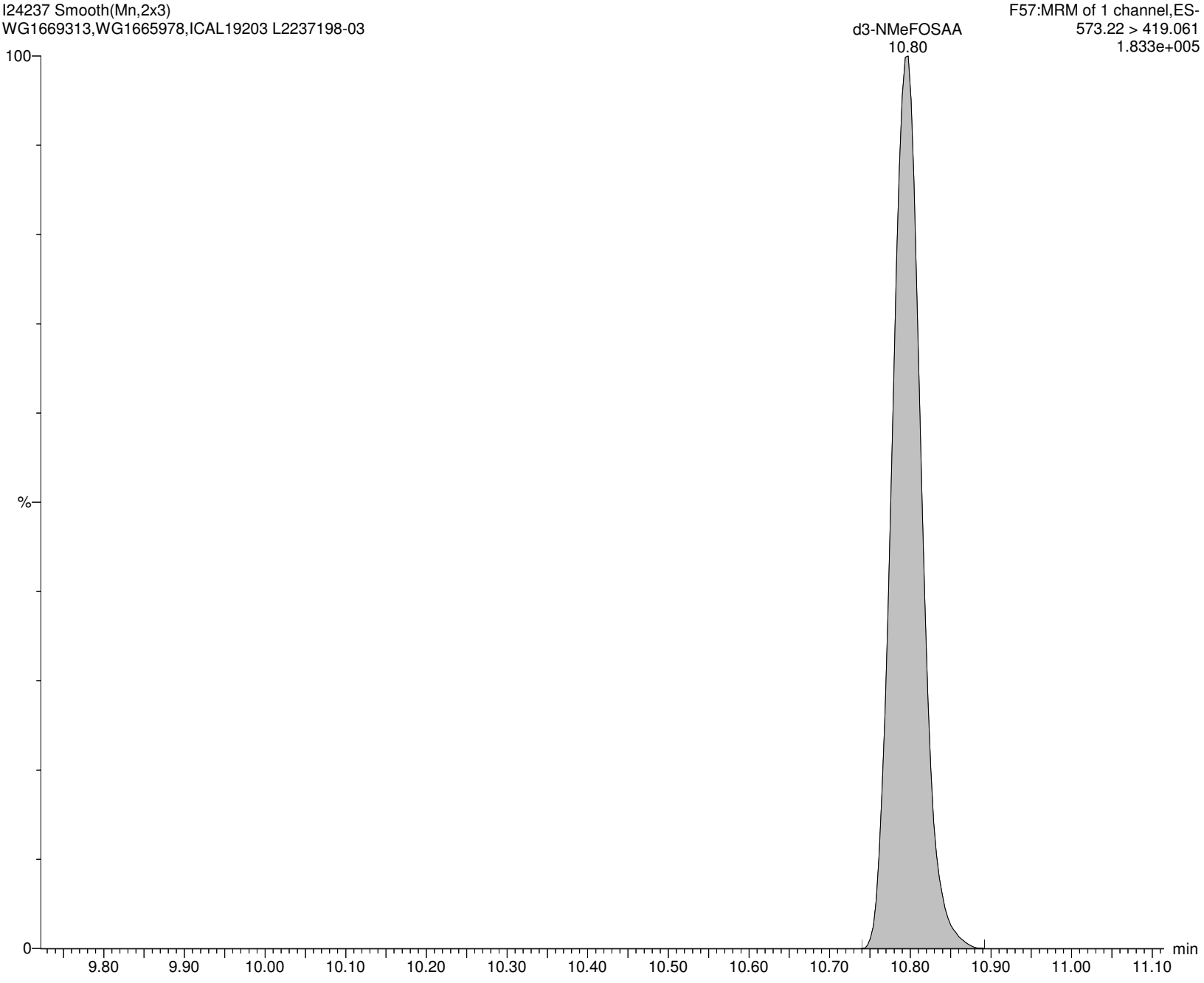


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:45:22 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:45:42 Eastern Daylight Time

Name: I24237
ID: L2237198-03
Date: 31-Jul-2022
Time: 01:41:05
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

d3-NMeFOSAA

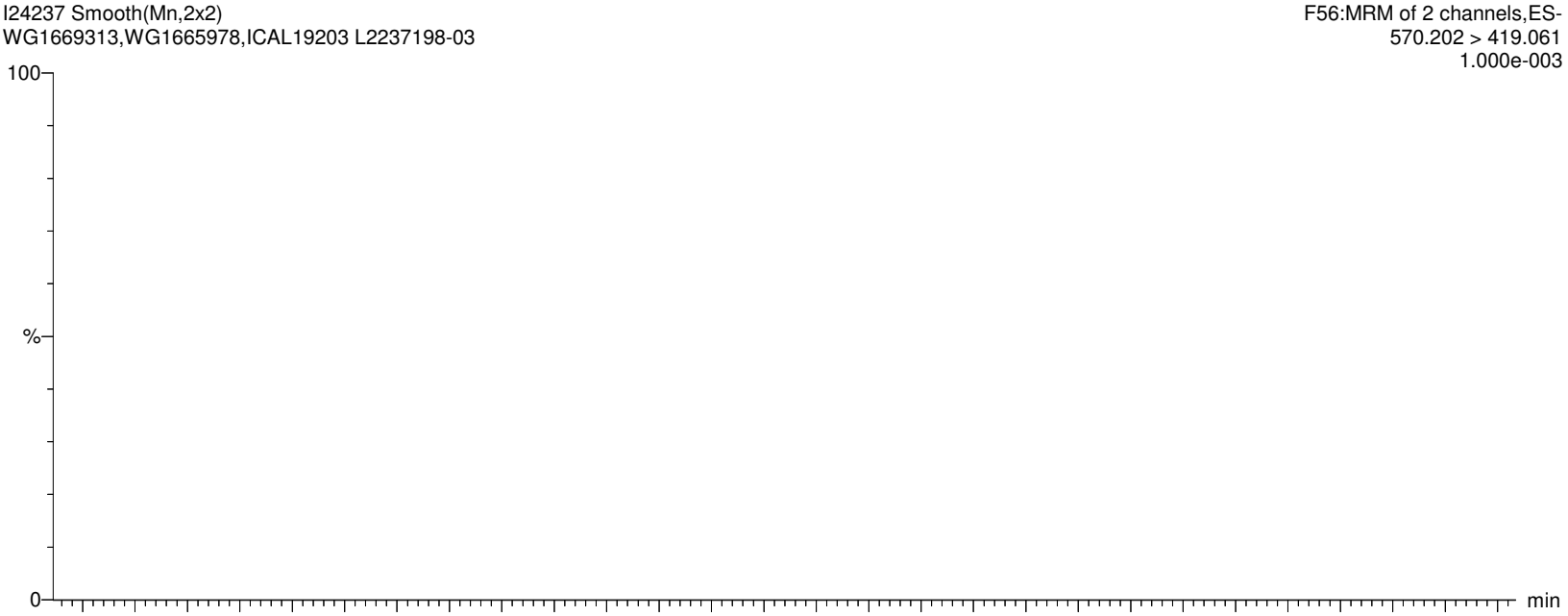


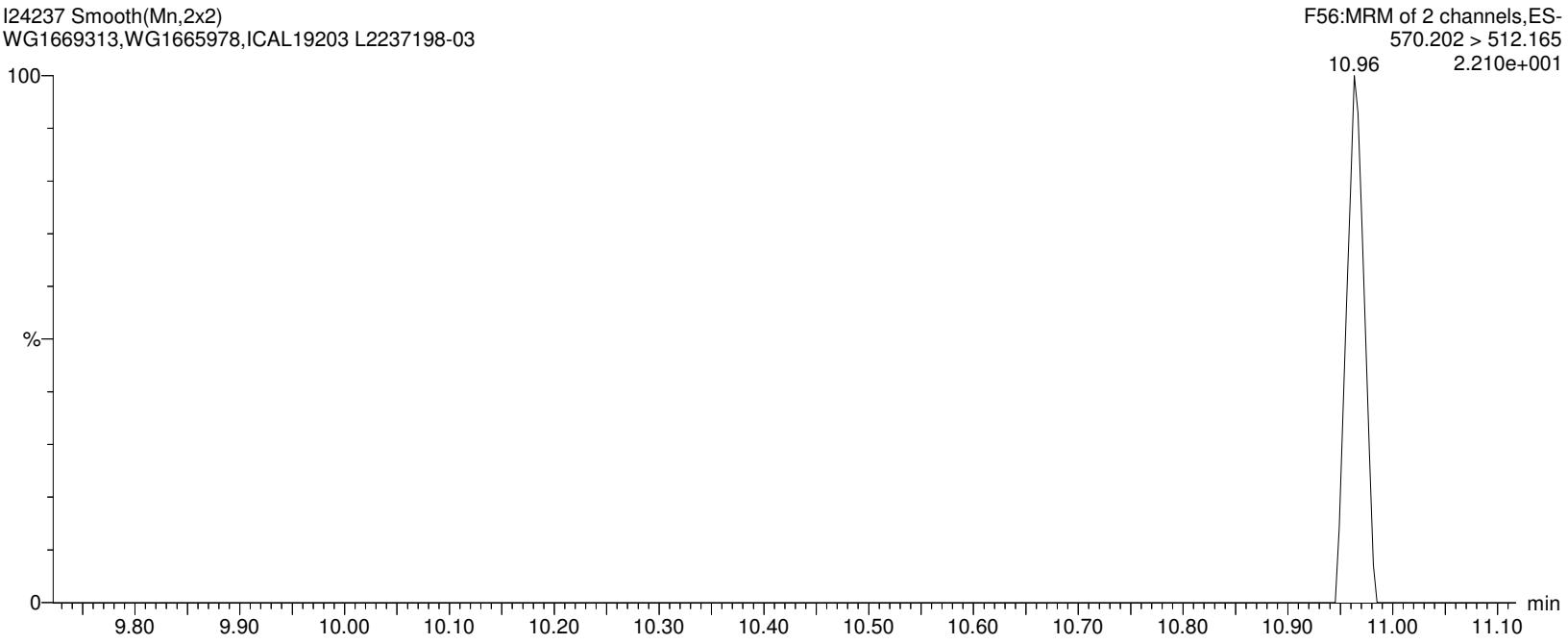
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:45:22 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:45:42 Eastern Daylight Time

Name: I24237
ID: L2237198-03
Date: 31-Jul-2022
Time: 01:41:05
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

br-NMeFOSAA



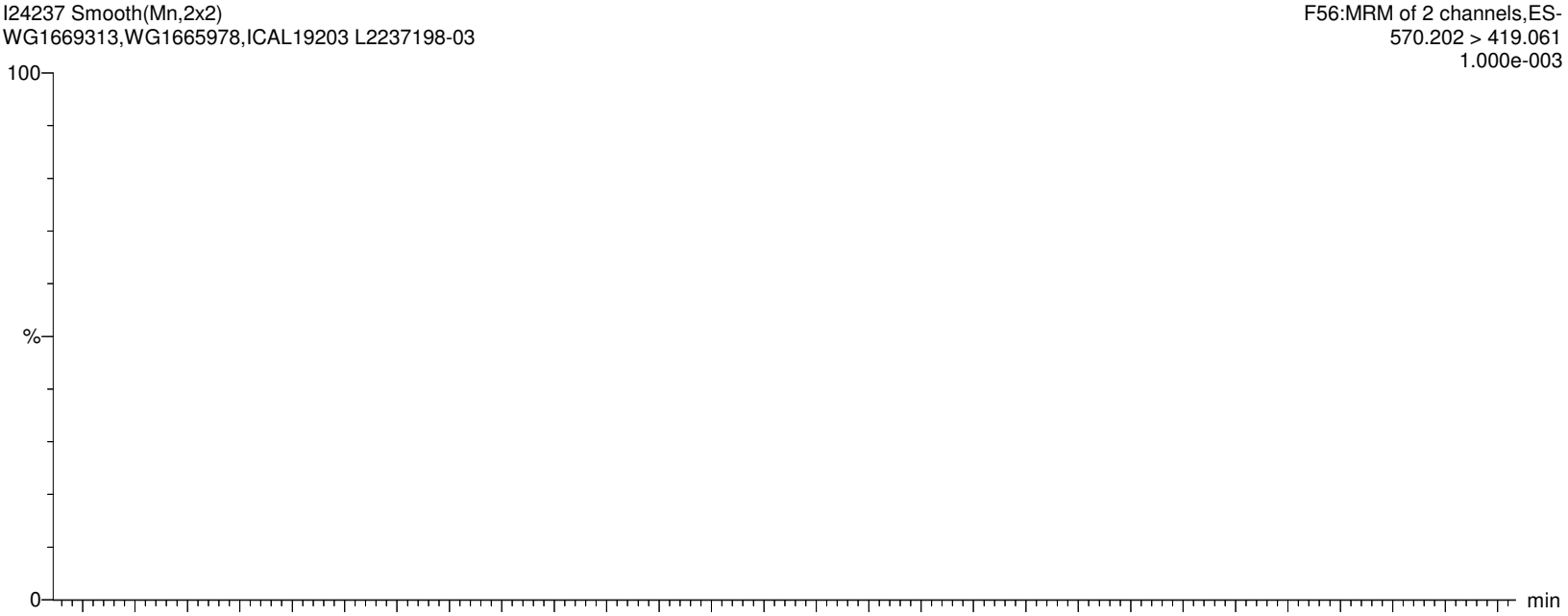


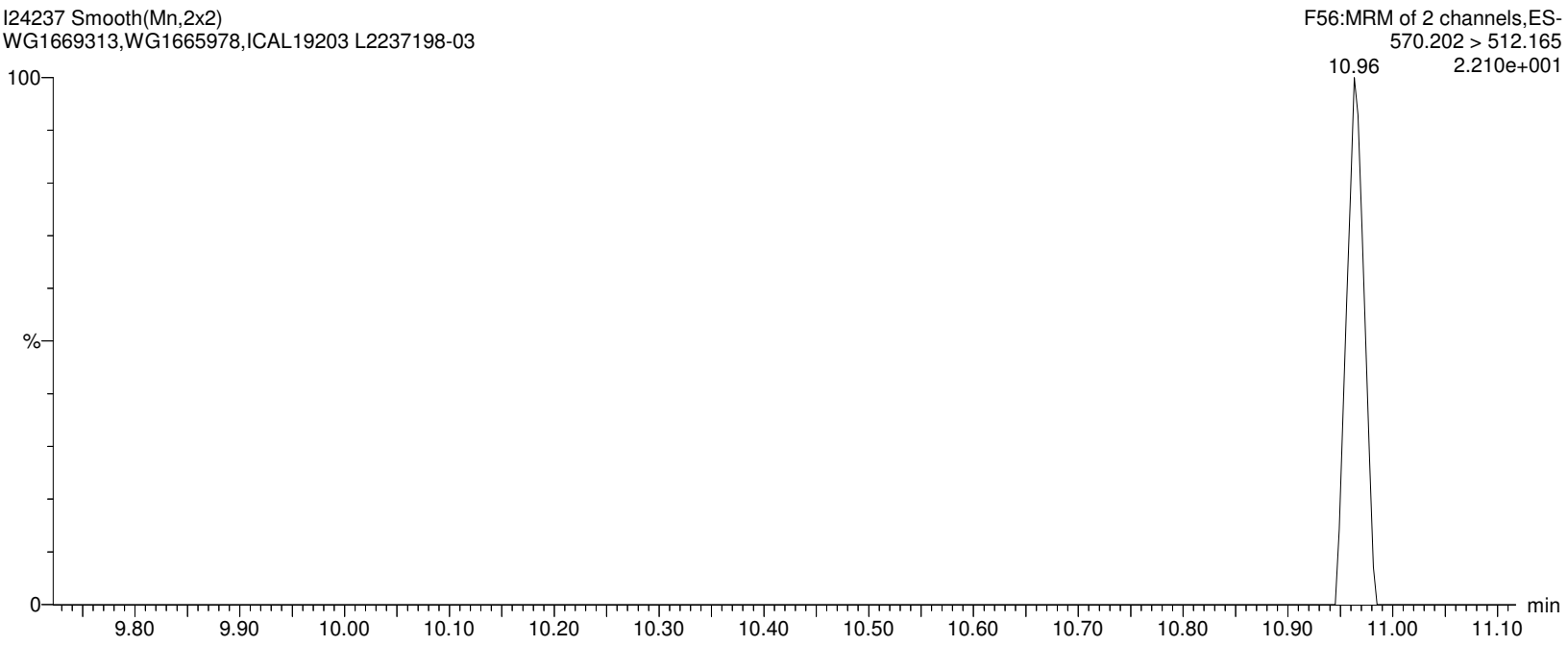
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:45:22 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:45:42 Eastern Daylight Time

Name: I24237
ID: L2237198-03
Date: 31-Jul-2022
Time: 01:41:05
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

L-NMeFOSAA



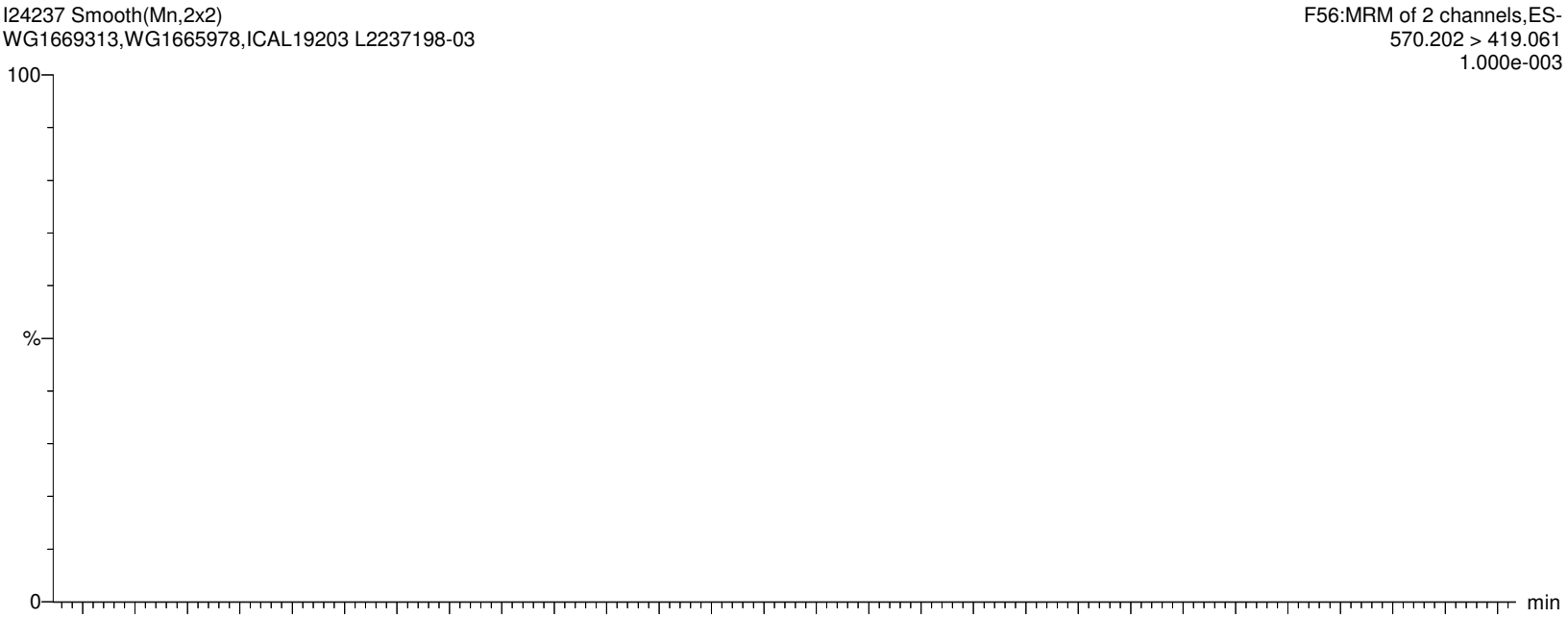


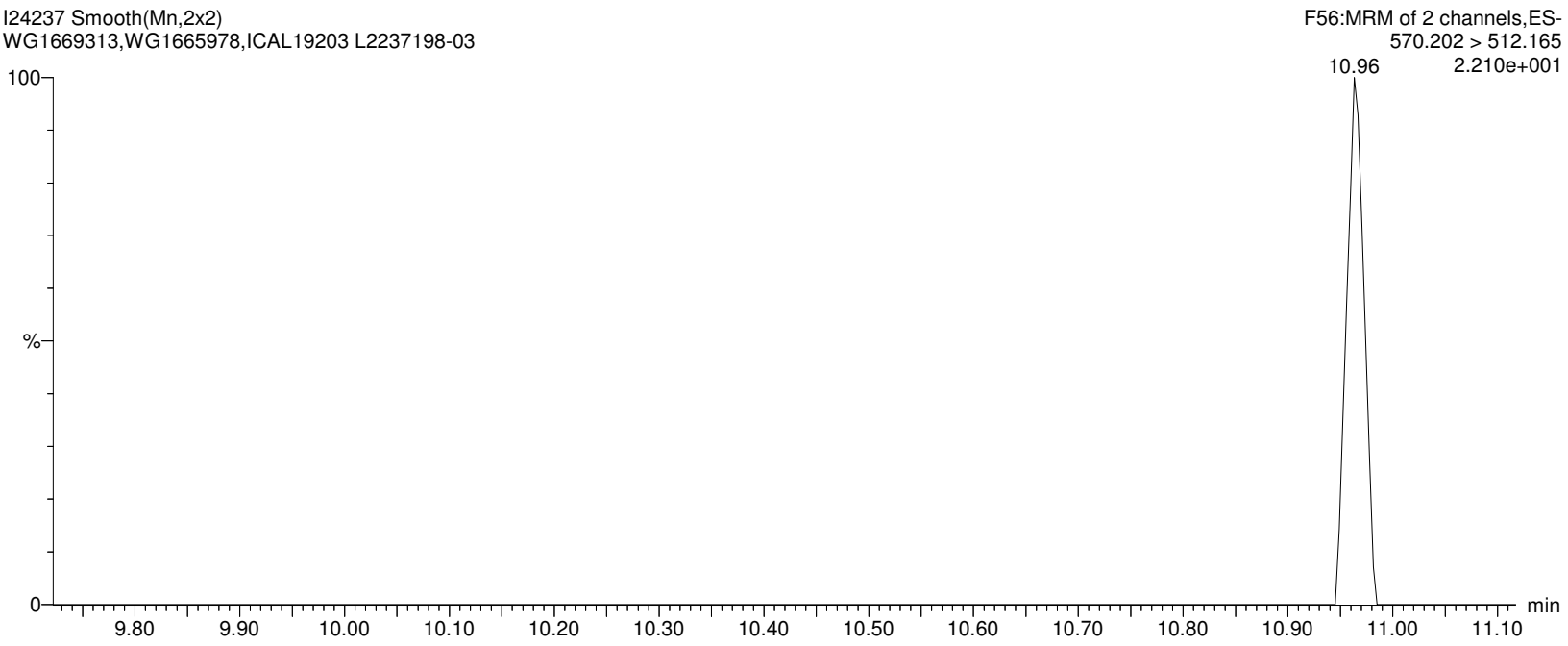
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:45:22 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:45:42 Eastern Daylight Time

Name: I24237
ID: L2237198-03
Date: 31-Jul-2022
Time: 01:41:05
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

NMeFOSAA



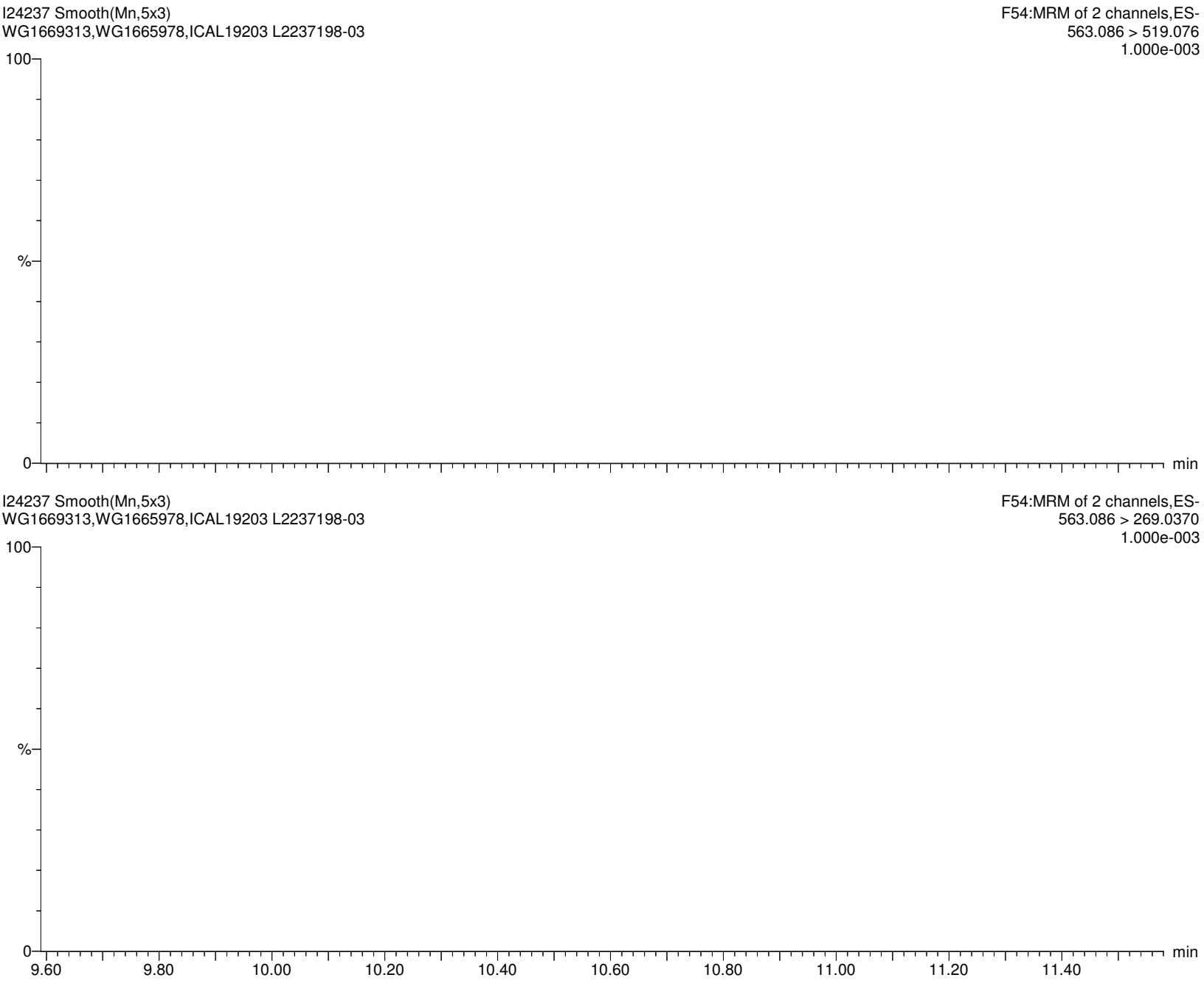


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:45:22 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:45:42 Eastern Daylight Time

Name: I24237
ID: L2237198-03
Date: 31-Jul-2022
Time: 01:41:05
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFUnA

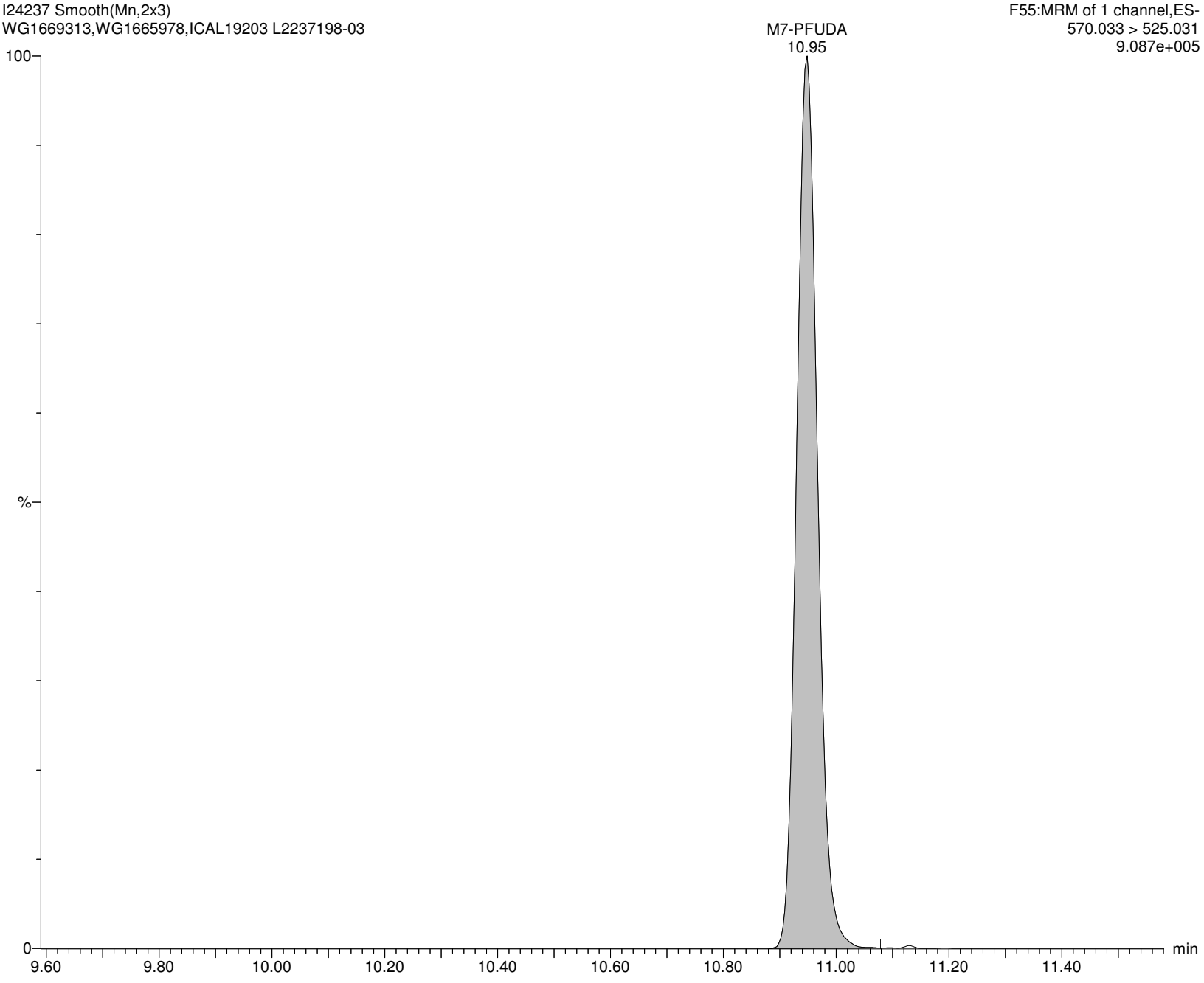


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:45:22 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:45:42 Eastern Daylight Time

Name: I24237
ID: L2237198-03
Date: 31-Jul-2022
Time: 01:41:05
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M7-PFUDA

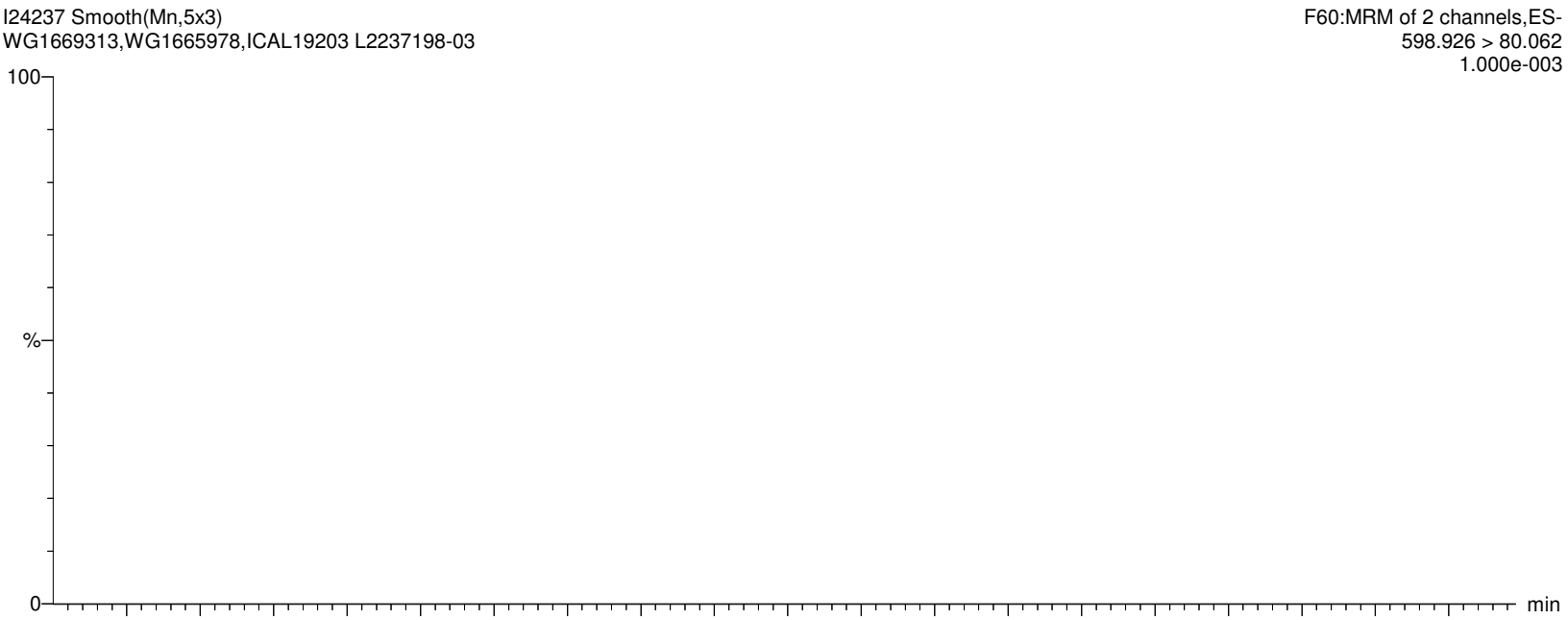


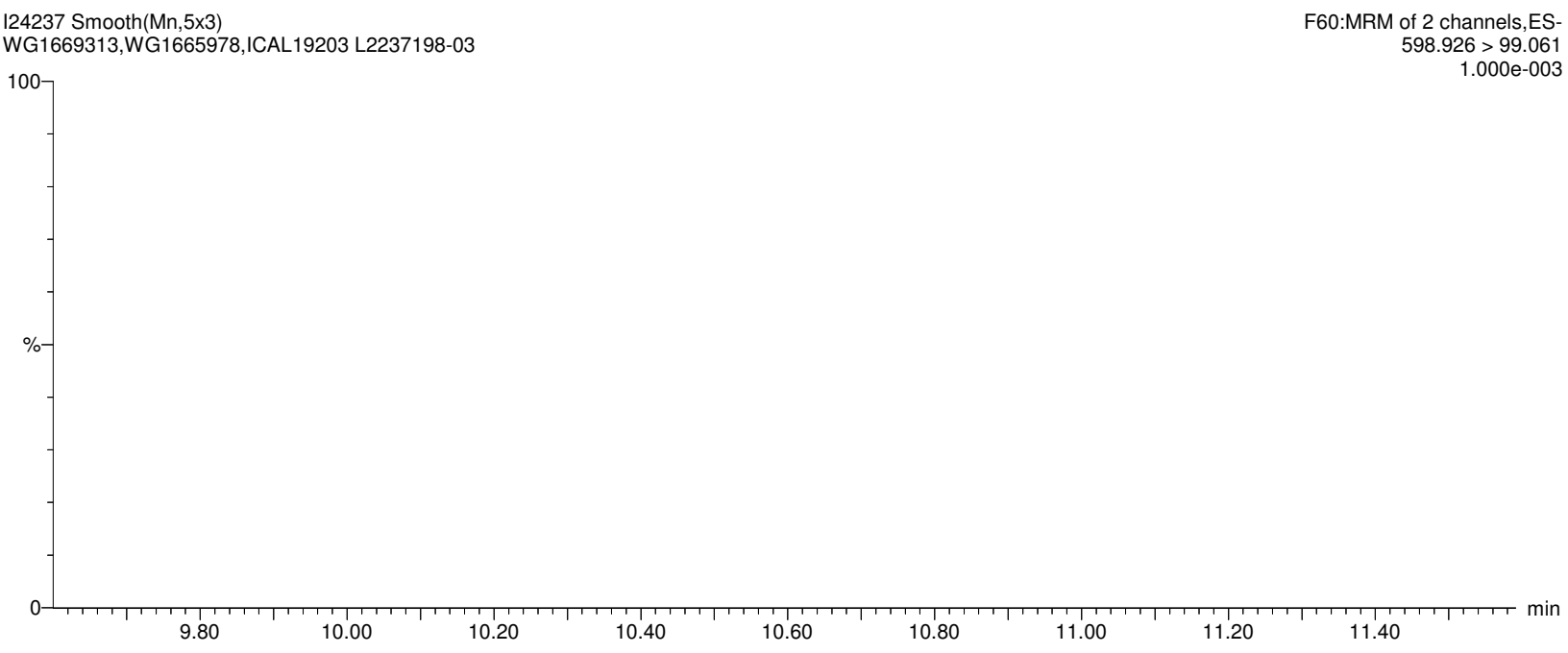
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:45:22 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:45:42 Eastern Daylight Time

Name: I24237
ID: L2237198-03
Date: 31-Jul-2022
Time: 01:41:05
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFDS



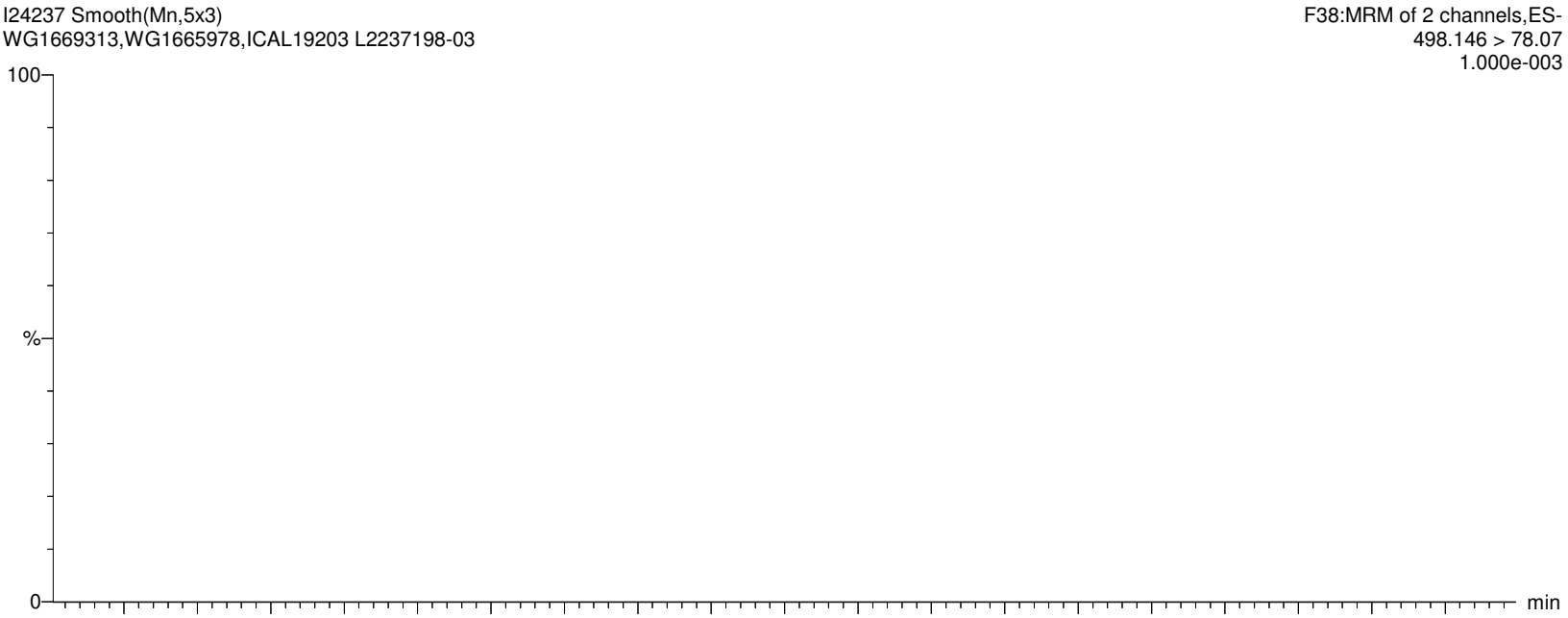


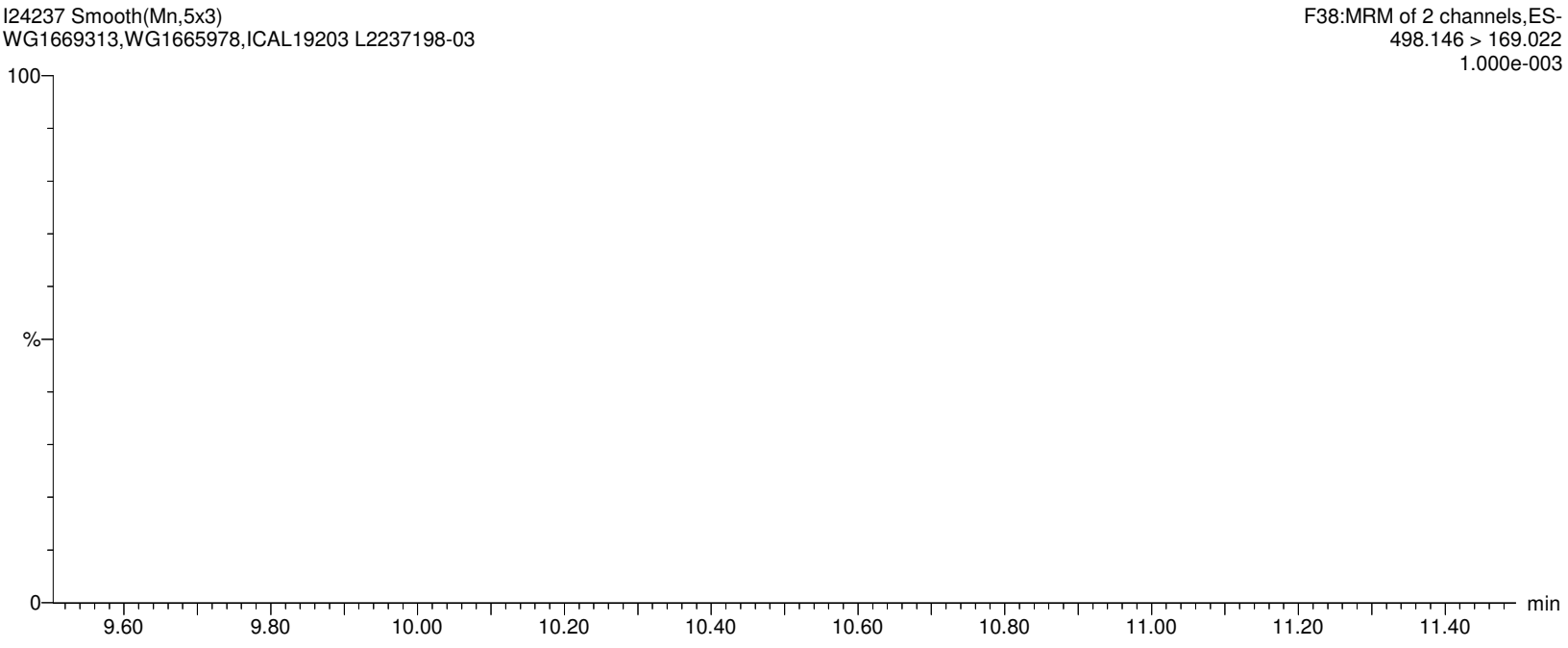
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:45:22 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:45:42 Eastern Daylight Time

Name: I24237
ID: L2237198-03
Date: 31-Jul-2022
Time: 01:41:05
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

FOSA



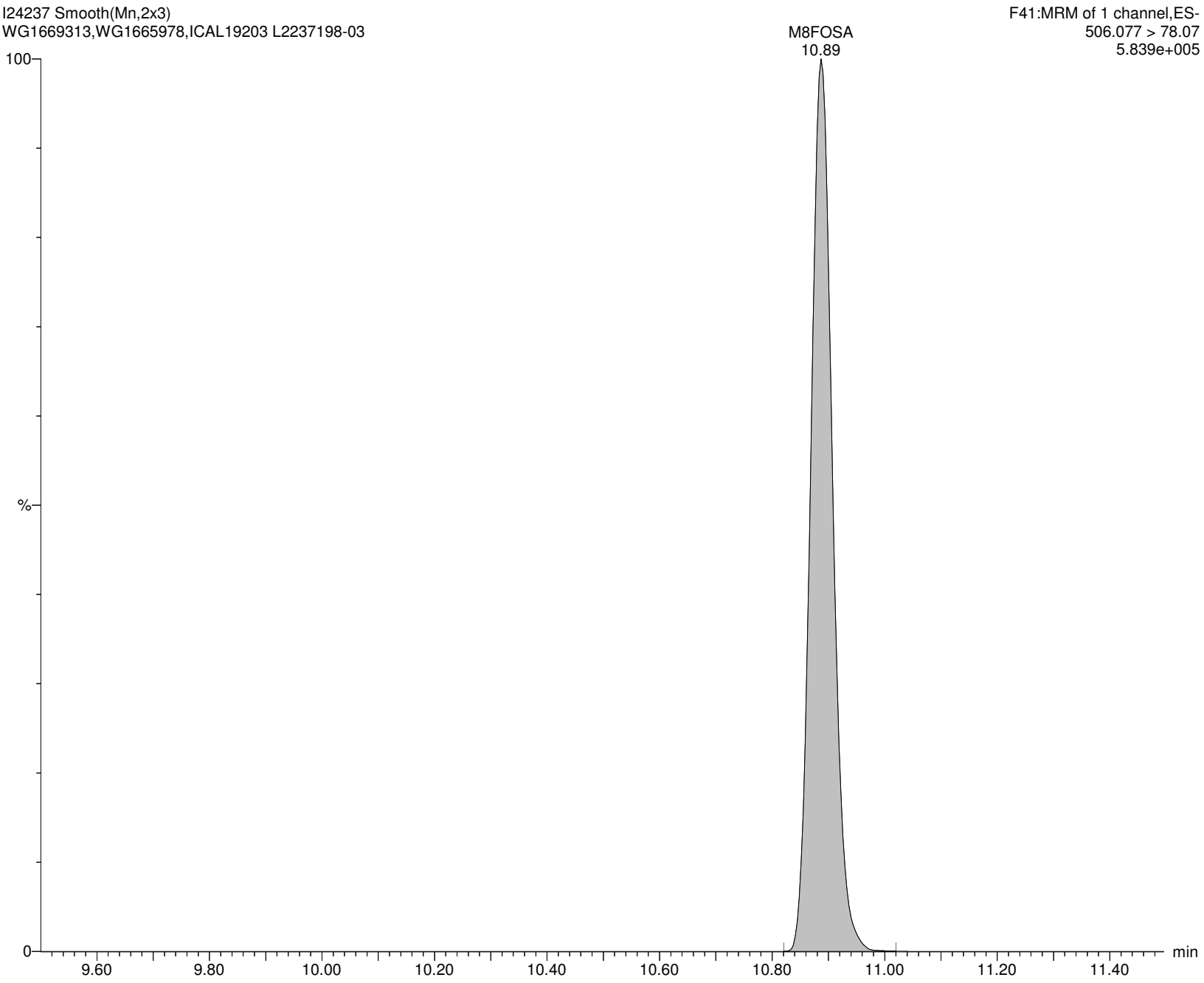


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:45:22 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:45:42 Eastern Daylight Time

Name: I24237
ID: L2237198-03
Date: 31-Jul-2022
Time: 01:41:05
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M8FOSA

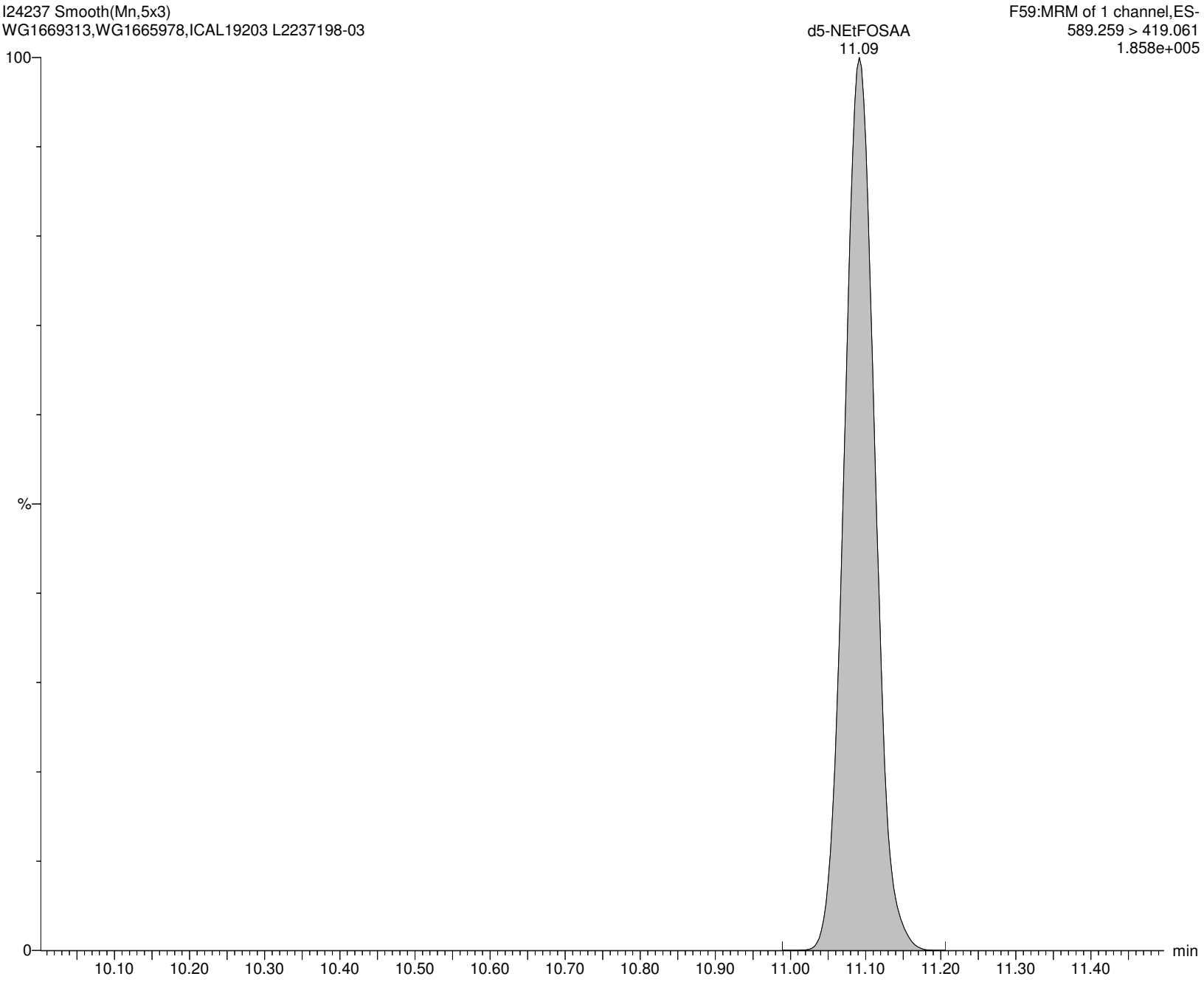


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:45:22 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:45:42 Eastern Daylight Time

Name: I24237
ID: L2237198-03
Date: 31-Jul-2022
Time: 01:41:05
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

d5-NEtFOSAA

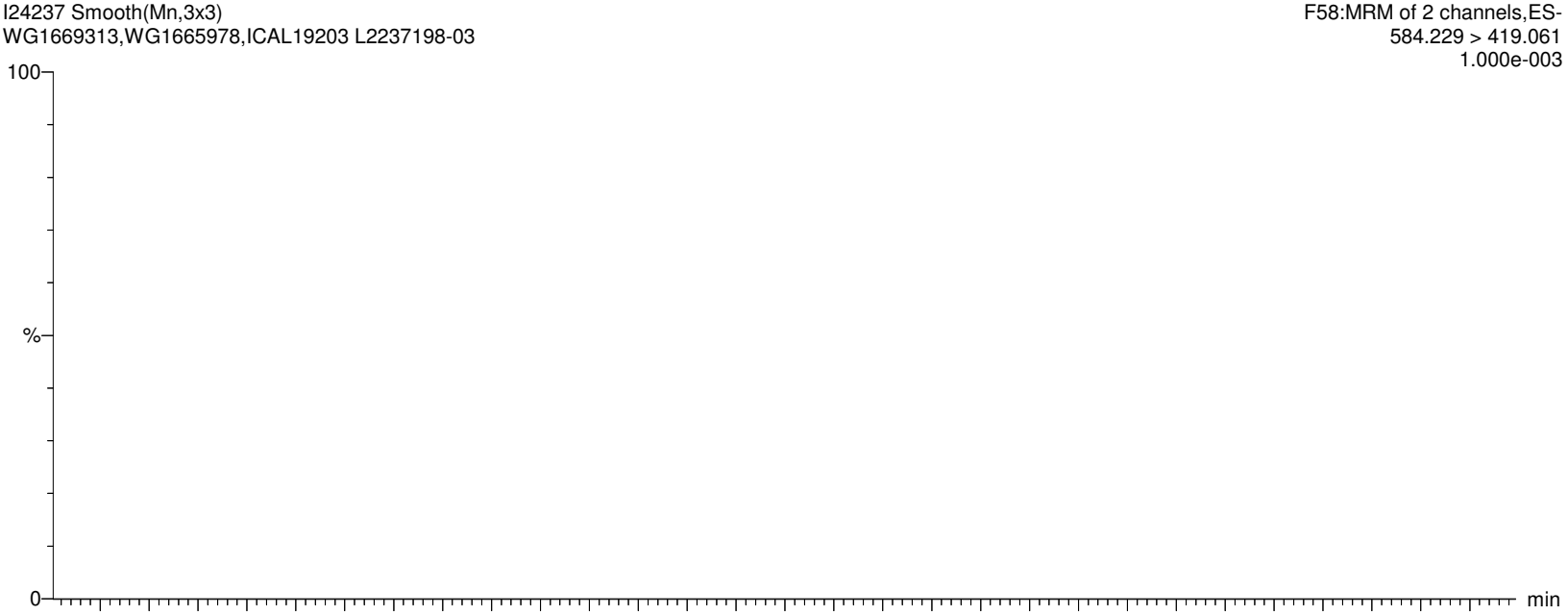


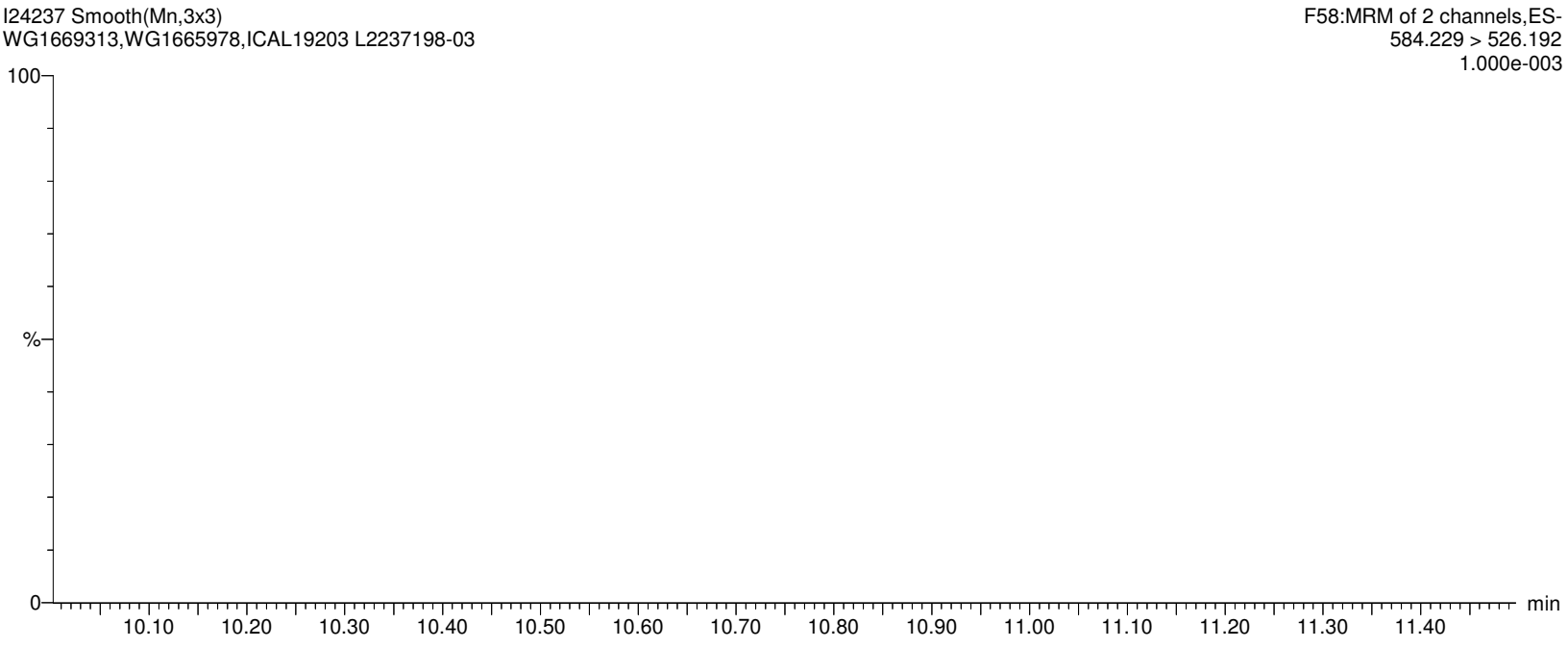
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:45:22 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:45:42 Eastern Daylight Time

Name: I24237
ID: L2237198-03
Date: 31-Jul-2022
Time: 01:41:05
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

br-NEtFOSAA



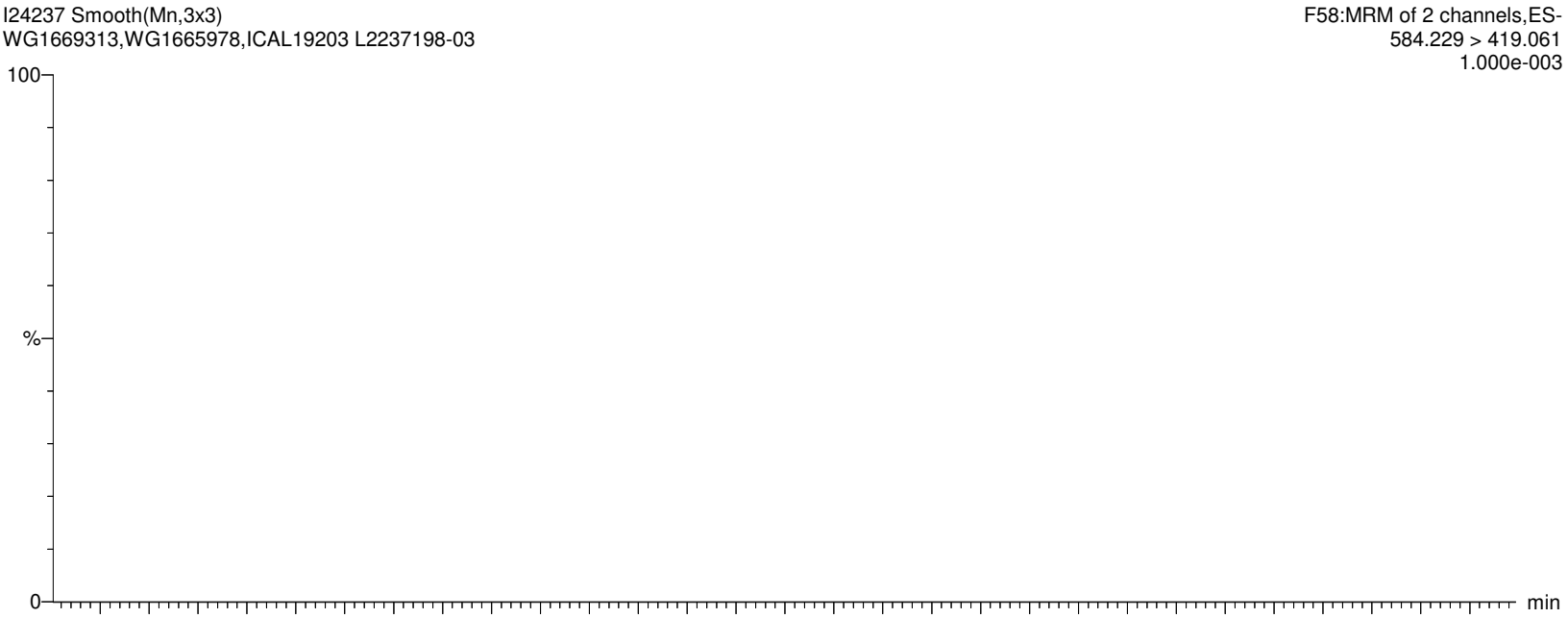


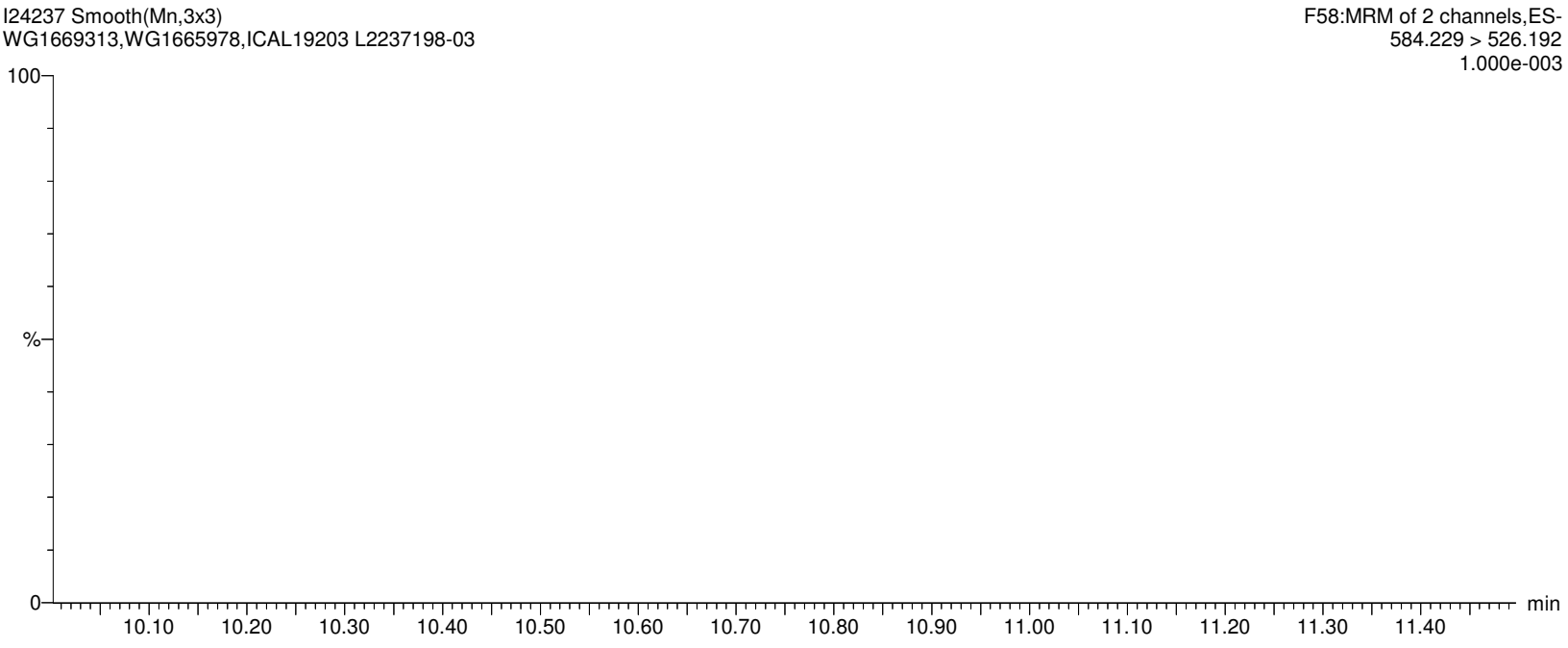
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:45:22 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:45:42 Eastern Daylight Time

Name: I24237
ID: L2237198-03
Date: 31-Jul-2022
Time: 01:41:05
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

L-NEtFOSAA



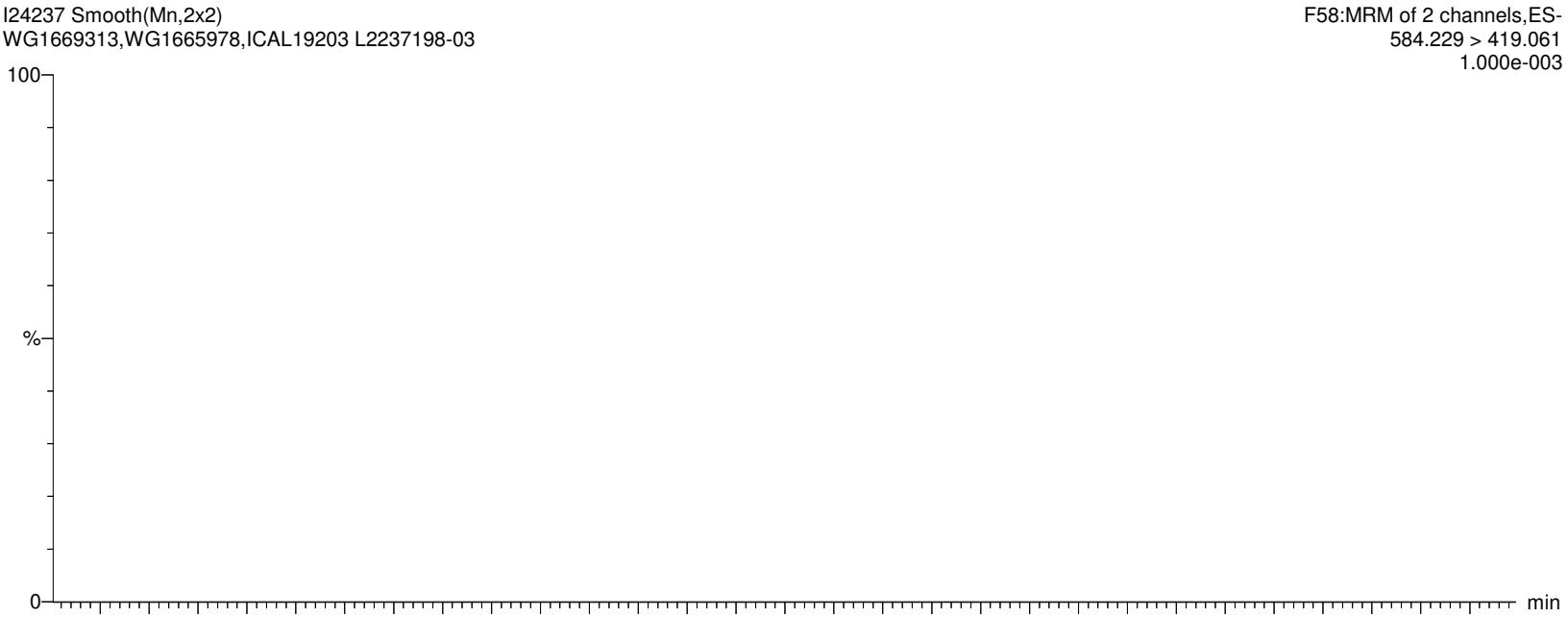


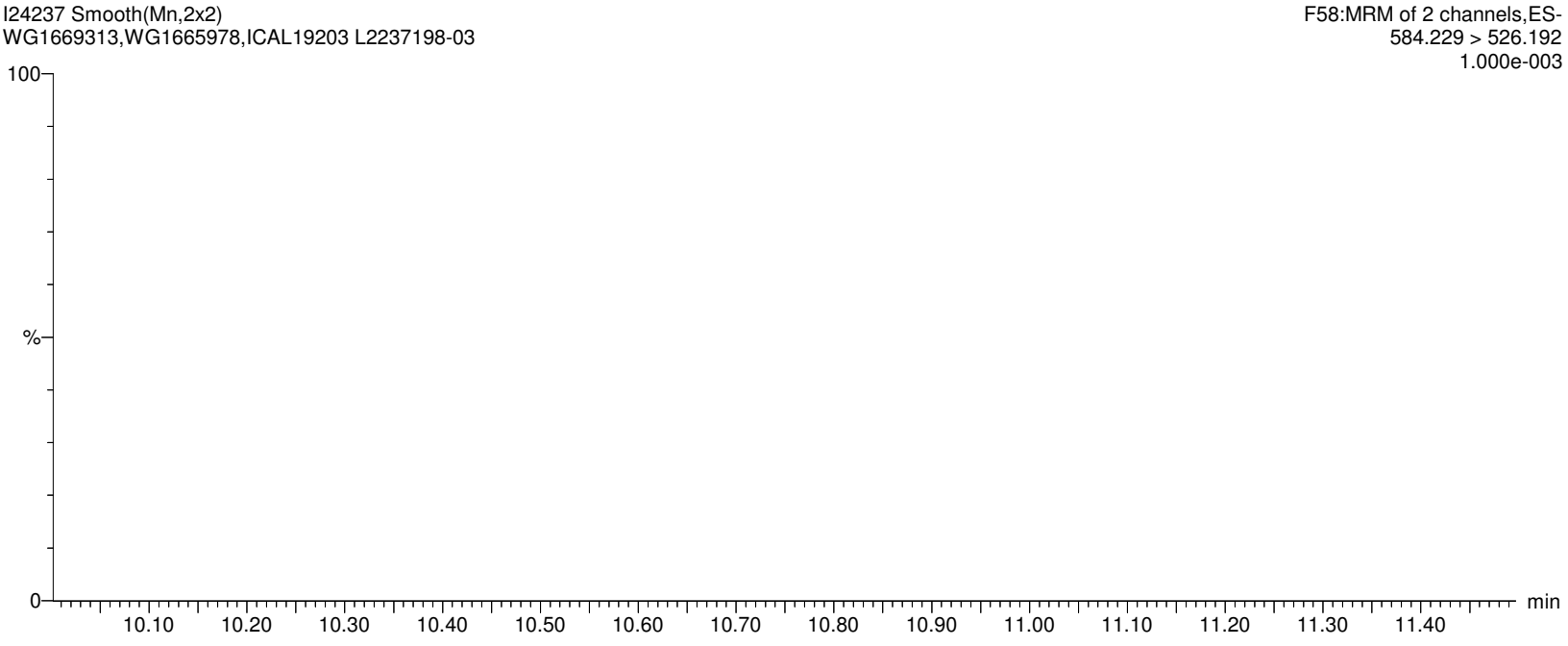
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:45:22 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:45:42 Eastern Daylight Time

Name: I24237
ID: L2237198-03
Date: 31-Jul-2022
Time: 01:41:05
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

NEtFOSAA



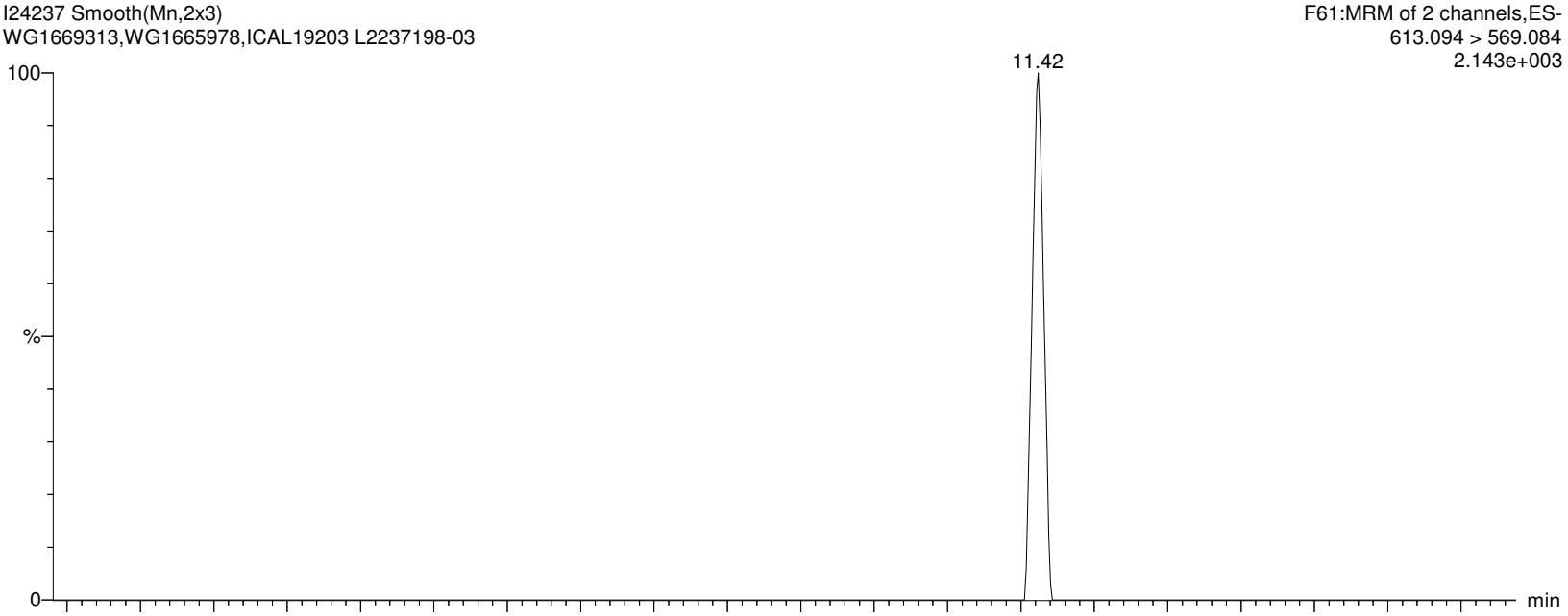


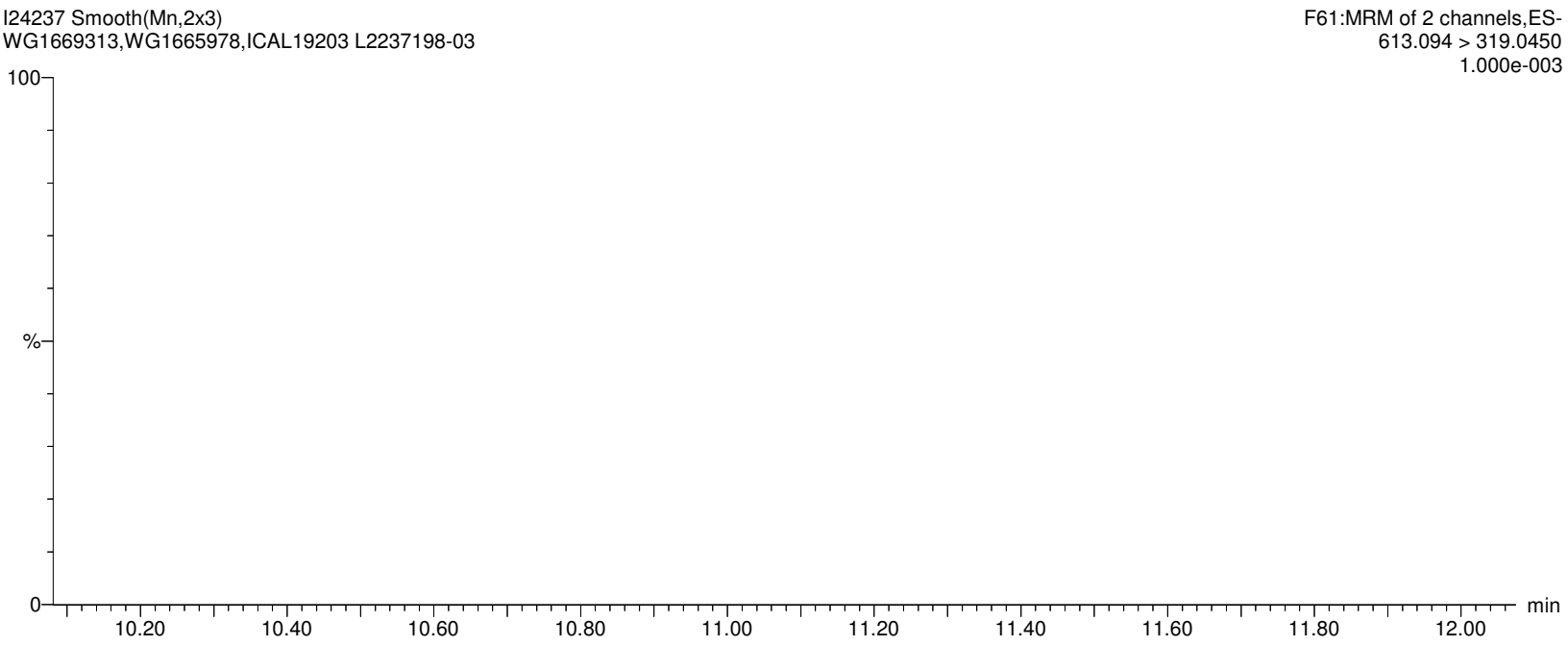
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:45:22 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:45:42 Eastern Daylight Time

Name: I24237
ID: L2237198-03
Date: 31-Jul-2022
Time: 01:41:05
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFDoA



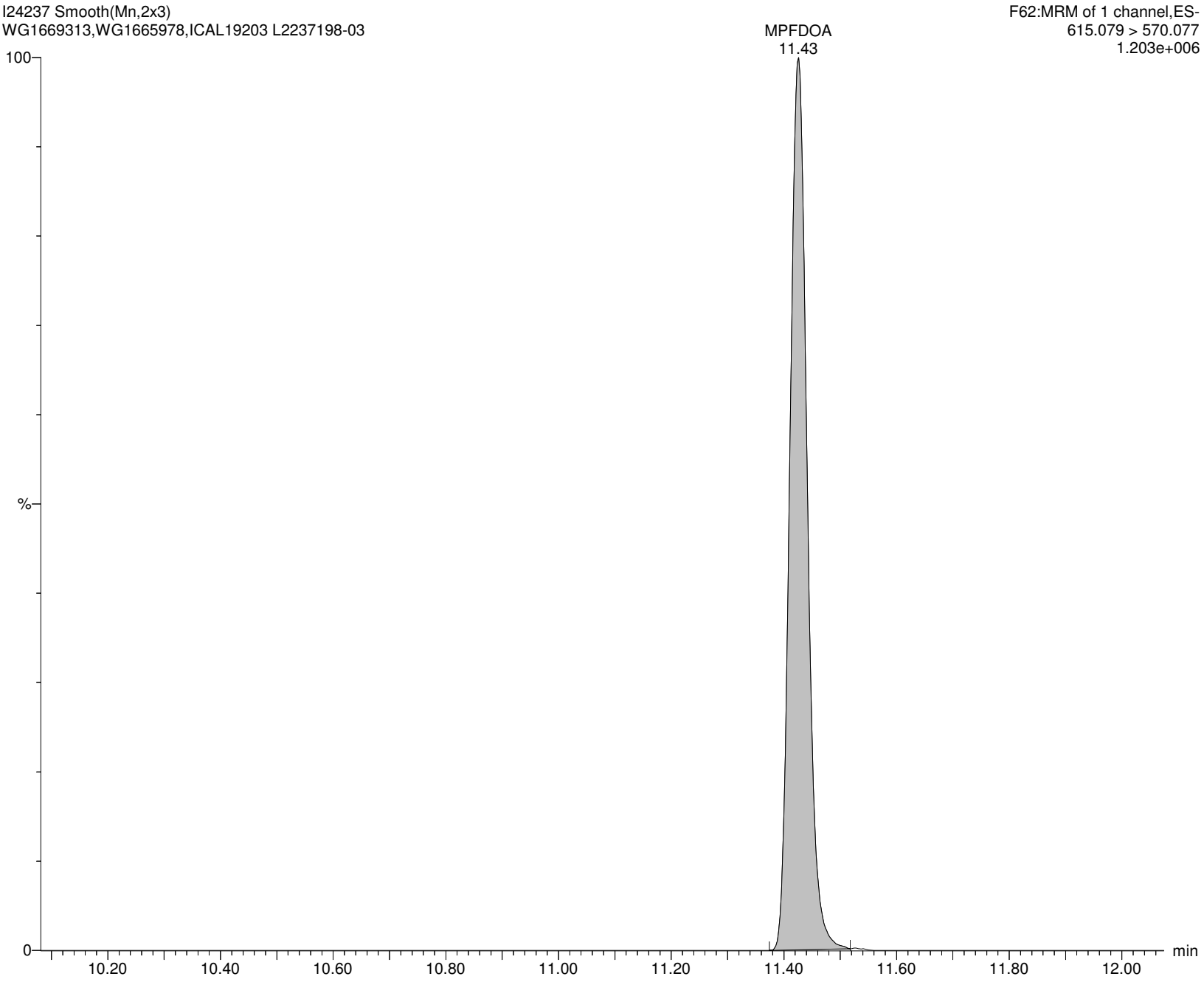


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:45:22 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:45:42 Eastern Daylight Time

Name: I24237
ID: L2237198-03
Date: 31-Jul-2022
Time: 01:41:05
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

MPFDOA

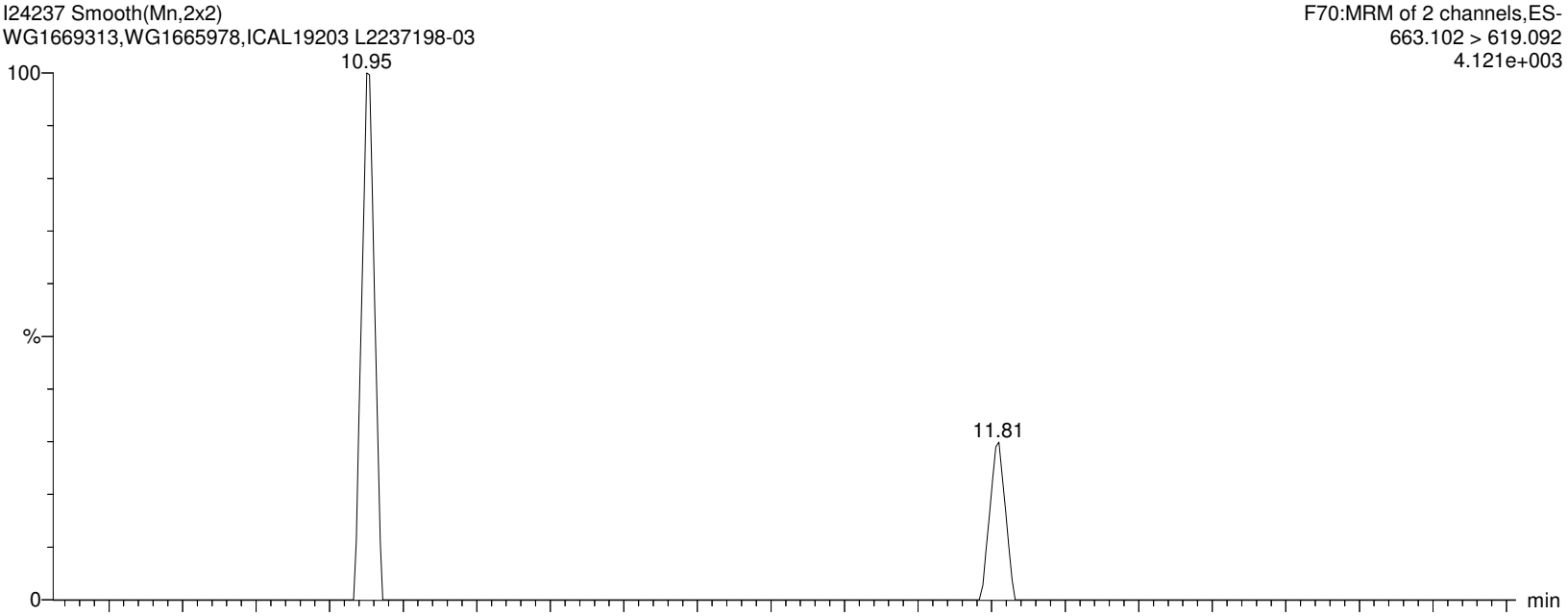


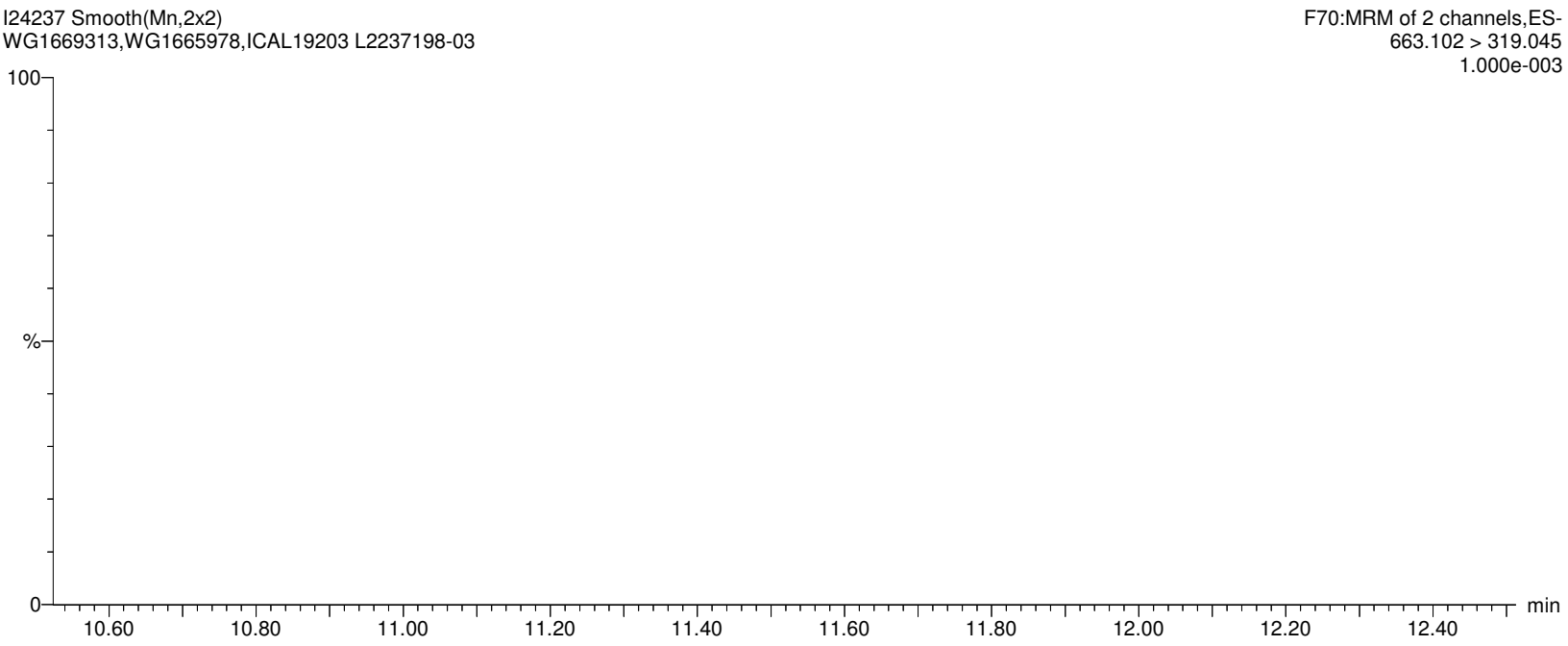
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:45:22 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:45:42 Eastern Daylight Time

Name: I24237
ID: L2237198-03
Date: 31-Jul-2022
Time: 01:41:05
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFTrDA



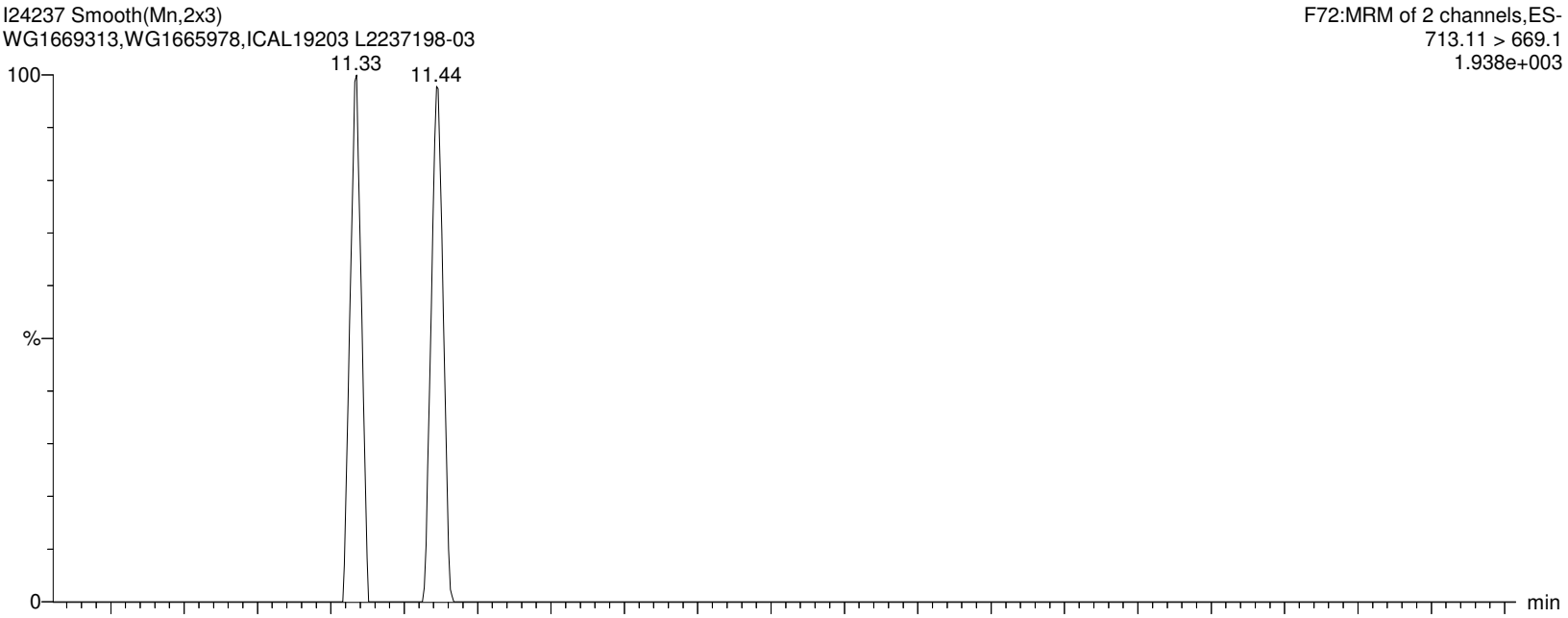


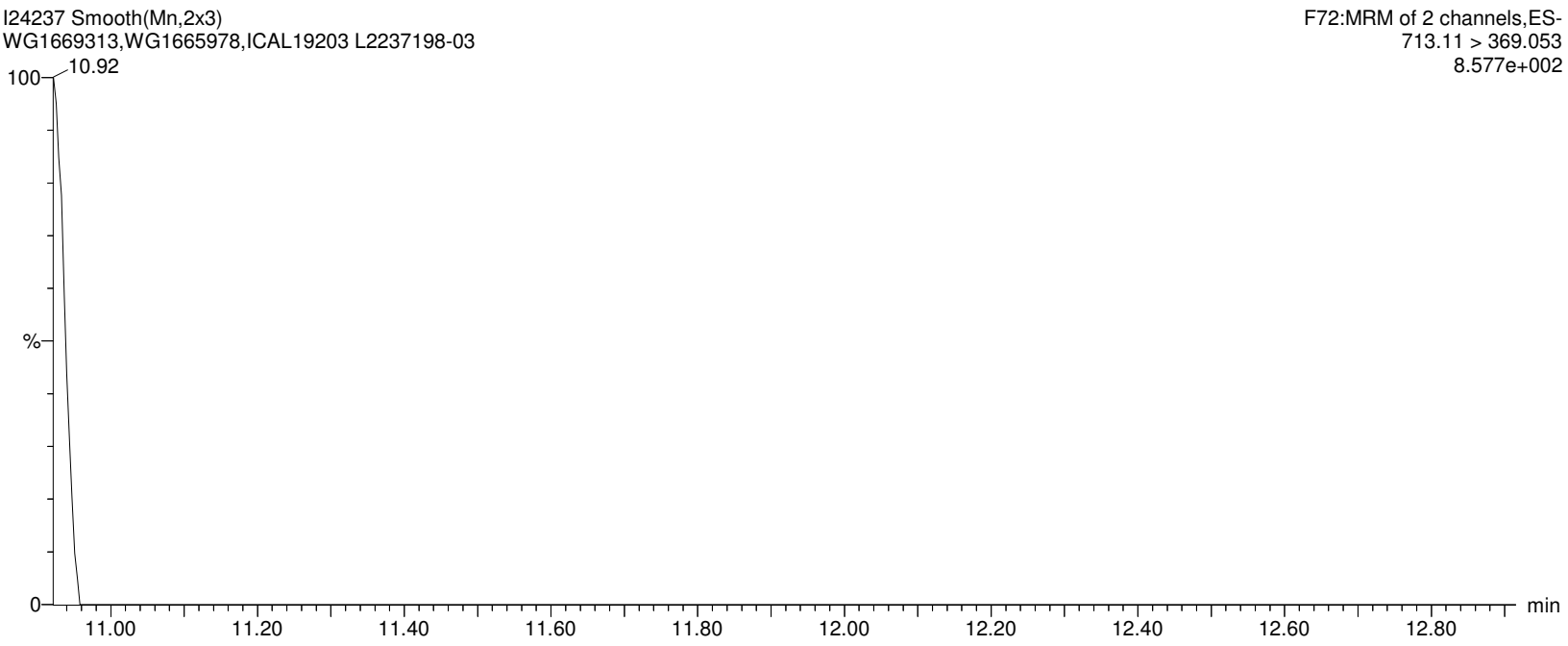
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:45:22 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:45:42 Eastern Daylight Time

Name: I24237
ID: L2237198-03
Date: 31-Jul-2022
Time: 01:41:05
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFTA



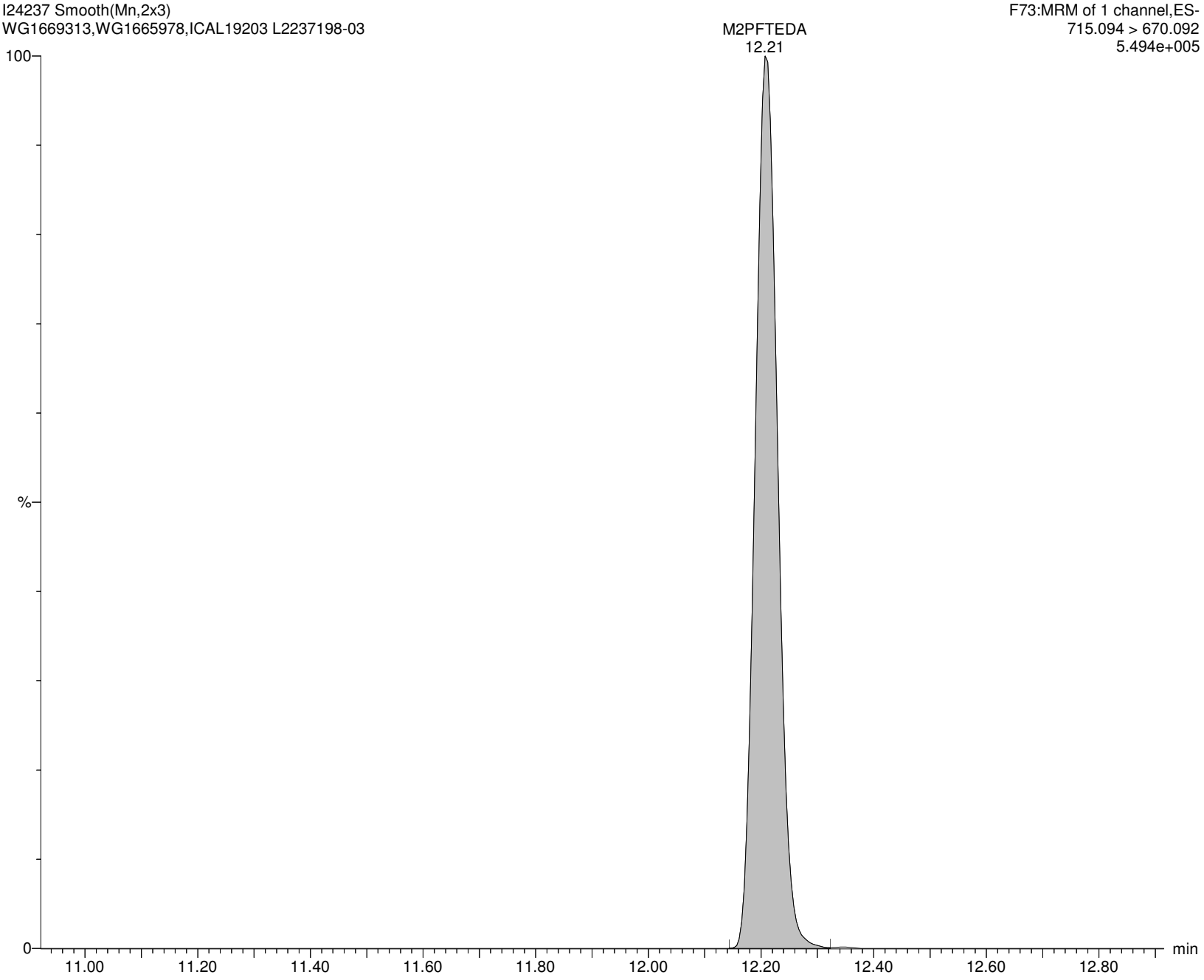


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:45:22 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:45:42 Eastern Daylight Time

Name: I24237
ID: L2237198-03
Date: 31-Jul-2022
Time: 01:41:05
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2PFTEDA



all concentration units in (ng/mL)

Semivolatiles Standards Data

Initial Calibration

Initial Calibration Summary
Form 6
Semivolatiles

Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2237198
Project Name	:	GROSSINGERS	Project Number	:	9313
Instrument ID	:	LCMS01	Ical Ref	:	ICAL19203
Calibration dates	:	07/25/22 23:54 07/26/22 02:08			

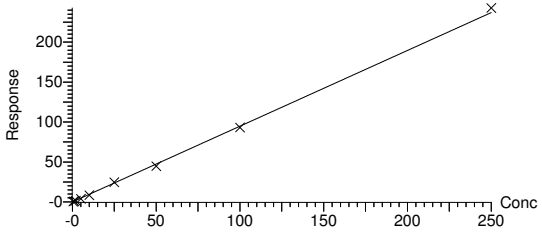
Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\MethDB\537ISO_Q_220725.mdb 26 Jul 2022 09:31:55
Calibration: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\CurveDB\220725_ICAL.cdb 26 Jul 2022 09:37:13

Compound name: PFBA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	2.101	41664.820	1715.623	0.434	86.9	0.824	3440		1.02
2	I23886	IA537STD-1	26-Jul-22	00:13:04	2.103	40839.871	3316.393	0.856	85.6	0.812	3426		0.98
3	I23887	IA537STD-2	26-Jul-22	00:29:36	2.068	42798.508	6899.799	1.700	85.0	0.806	8881		0.91
4	I23888	IA537STD-5	26-Jul-22	00:46:09	2.070	43071.613	17417.834	4.265	85.3	0.809	3244		0.89
5	I23889	IA537STD-10	26-Jul-22	01:02:44	2.070	43393.262	36365.289	8.839	88.4	0.838	27195		0.92
6	I23890	IA537STD-25	26-Jul-22	01:19:18	2.073	43713.645	107376.555	25.908	103.6	0.983	55456		0.95
7	I23891	IA537STD-50	26-Jul-22	01:35:51	2.070	43618.902	195335.063	47.233	94.5	0.896	155233		0.88
8	I23892	IA537STD-100	26-Jul-22	01:52:25	2.070	42882.867	399314.906	98.213	98.2	0.931	15290		0.86
9	I23893	IA537STD-250	26-Jul-22	02:08:59	2.068	39875.445	968045.063	256.051	102.4	0.971	488684		0.79

Compound name: PFBA
Coefficient of Determination: R^2 = 0.998402
Calibration curve: 0.948119 * x
Response type: Internal Std (Ref 3), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

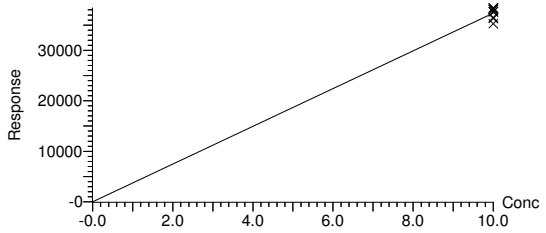
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2237198
Project Name	:	GROSSINGERS	Project Number	:	9313
Instrument ID	:	LCMS01	Ical Ref	:	ICAL19203
Calibration dates	:	07/25/22 23:54 07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: M3PFBA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	2.118		36496.156	9.768	97.7	3649.616	24813		0.71
2	I23886	IA537STD-1	26-Jul-22	00:13:04	2.123		36314.910	9.719	97.2	3631.491	37740		0.64
3	I23887	IA537STD-2	26-Jul-22	00:29:36	2.090		37639.910	10.074	100.7	3763.991	29157		0.64
4	I23888	IA537STD-5	26-Jul-22	00:46:09	2.095		38022.160	10.176	101.8	3802.216	11463		0.60
5	I23889	IA537STD-10	26-Jul-22	01:02:44	2.092		38377.563	10.271	102.7	3837.756	30624		0.64
6	I23890	IA537STD-25	26-Jul-22	01:19:18	2.090		38125.230	10.204	102.0	3812.523	11875		0.70
7	I23891	IA537STD-50	26-Jul-22	01:35:51	2.097		38402.359	10.278	102.8	3840.236	13737		0.58
8	I23892	IA537STD-100	26-Jul-22	01:52:25	2.097		37627.410	10.070	100.7	3762.741	21773		0.56
9	I23893	IA537STD-250	26-Jul-22	02:08:59	2.097		35274.023	9.441	94.4	3527.402	12326		0.50

Compound name: M3PFBA
Response Factor: 3736.44
RRF SD: 108.889, % Relative SD: 2.91424
Response type: External Std, Area
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

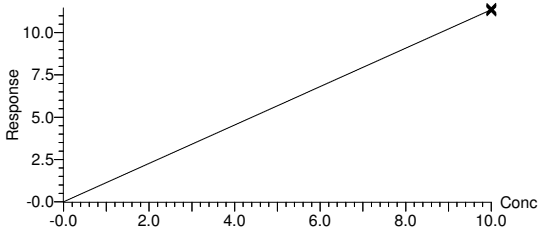
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2237198
Project Name	:	GROSSINGERS	Project Number	:	9313
Instrument ID	:	LCMS01	Ical Ref	:	ICAL19203
Calibration dates	:	07/25/22 23:54 07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: MPFBA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	2.117	36496.156	41664.820	10.054	100.5	1.142	14203		0.72
2	I23886	IA537STD-1	26-Jul-22	00:13:04	2.124	36314.910	40839.871	9.904	99.0	1.125	8247		0.63
3	I23887	IA537STD-2	26-Jul-22	00:29:36	2.089	37639.910	42798.508	10.014	100.1	1.137	10150		0.64
4	I23888	IA537STD-5	26-Jul-22	00:46:09	2.093	38022.160	43071.613	9.976	99.8	1.133	13580		0.61
5	I23889	IA537STD-10	26-Jul-22	01:02:44	2.091	38377.563	43393.262	9.958	99.6	1.131	16548		0.65
6	I23890	IA537STD-25	26-Jul-22	01:19:18	2.091	38125.230	43713.645	10.098	101.0	1.147	14336		0.70
7	I23891	IA537STD-50	26-Jul-22	01:35:51	2.095	38402.359	43618.902	10.003	100.0	1.136	23240		0.58
8	I23892	IA537STD-100	26-Jul-22	01:52:25	2.095	37627.410	42882.867	10.037	100.4	1.140	12256		0.56
9	I23893	IA537STD-250	26-Jul-22	02:08:59	2.095	35274.023	39875.445	9.956	99.6	1.130	10073		0.50

Compound name: MPFBA
Response Factor: 1.13548
RRF SD: 0.00665966, % Relative SD: 0.586507
Response type: Internal Std (Ref 2), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

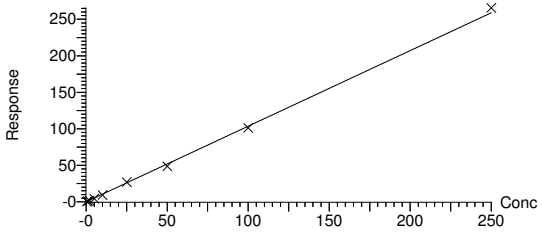
Client	: Soils Engineering Services, Inc.		Lab Number	: L2237198	
Project Name	: GROSSINGERS		Project Number	: 9313	
Instrument ID	: LCMS01		Ical Ref	: ICAL19203	
Calibration dates	: 07/25/22 23:54	07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: PFPeA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	4.687	41794.598	1851.649	0.428	85.6	0.886	414		0.96
2	I23886	IA537STD-1	26-Jul-22	00:13:04	4.681	40342.293	3747.185	0.897	89.7	0.929	360		0.93
3	I23887	IA537STD-2	26-Jul-22	00:29:36	4.666	42447.574	7480.990	1.702	85.1	0.881	1746		0.95
4	I23888	IA537STD-5	26-Jul-22	00:46:09	4.670	43505.293	19119.434	4.244	84.9	0.879	2702		0.89
5	I23889	IA537STD-10	26-Jul-22	01:02:44	4.666	43324.438	39665.004	8.842	88.4	0.916	2295		0.93
6	I23890	IA537STD-25	26-Jul-22	01:19:18	4.664	43156.480	116097.086	25.980	103.9	1.076	10299		0.96
7	I23891	IA537STD-50	26-Jul-22	01:35:51	4.662	43175.742	210278.391	47.035	94.1	0.974	33860		0.89
8	I23892	IA537STD-100	26-Jul-22	01:52:25	4.661	41349.379	419050.844	97.872	97.9	1.013	28710		0.85
9	I23893	IA537STD-250	26-Jul-22	02:08:59	4.662	37080.074	984839.875	256.500	102.6	1.062	94077		0.78

Compound name: PFPeA
Coefficient of Determination: R^2 = 0.998259
Calibration curve: 1.03547 * x
Response type: Internal Std (Ref 5), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

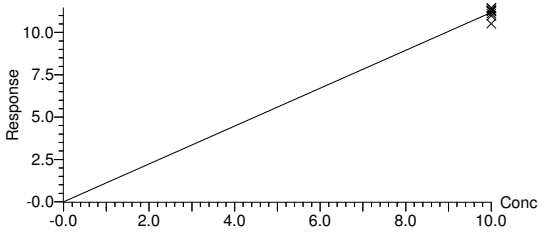
Client	: Soils Engineering Services, Inc.		Lab Number	: L2237198	
Project Name	: GROSSINGERS		Project Number	: 9313	
Instrument ID	: LCMS01		Ical Ref	: ICAL19203	
Calibration dates	: 07/25/22 23:54	07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: M5PFPEA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	4.684	36496.156	41794.598	10.242	102.4	1.145	6513		1.02
2	I23886	IA537STD-1	26-Jul-22	00:13:04	4.677	36314.910	40342.293	9.935	99.4	1.111	16784		1.00
3	I23887	IA537STD-2	26-Jul-22	00:29:36	4.664	37639.910	42447.574	10.086	100.9	1.128	5048		0.99
4	I23888	IA537STD-5	26-Jul-22	00:46:09	4.665	38022.160	43505.293	10.233	102.3	1.144	2249		0.99
5	I23889	IA537STD-10	26-Jul-22	01:02:44	4.663	38377.563	43324.438	10.096	101.0	1.129	3588		1.00
6	I23890	IA537STD-25	26-Jul-22	01:19:18	4.661	38125.230	43156.480	10.124	101.2	1.132	3140		1.01
7	I23891	IA537STD-50	26-Jul-22	01:35:51	4.659	38402.359	43175.742	10.055	100.6	1.124	9119		0.97
8	I23892	IA537STD-100	26-Jul-22	01:52:25	4.656	37627.410	41349.379	9.828	98.3	1.099	6096		0.96
9	I23893	IA537STD-250	26-Jul-22	02:08:59	4.654	35274.023	37080.074	9.401	94.0	1.051	1583		0.93

Compound name: M5PFPEA
Response Factor: 1.11814
RRF SD: 0.029048, % Relative SD: 2.59787
Response type: Internal Std (Ref 2), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

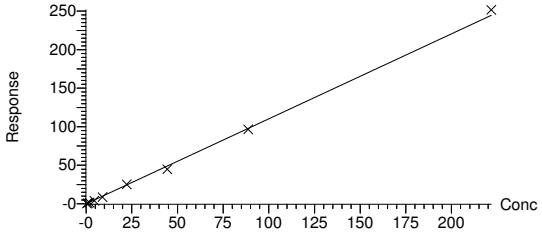
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2237198
Project Name	:	GROSSINGERS	Project Number	:	9313
Instrument ID	:	LCMS01	Ical Ref	:	ICAL19203
Calibration dates	:	07/25/22 23:54 07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: PFBS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	5.272	15842.368	708.995	0.378	85.3	0.940	155	79	0.90
2	I23886	IA537STD-1	26-Jul-22	00:13:04	5.259	15689.002	1315.575	0.709	79.9	0.881	113	153	0.99
3	I23887	IA537STD-2	26-Jul-22	00:29:36	5.260	15813.672	2728.463	1.458	82.2	0.906	768	69	0.76
4	I23888	IA537STD-5	26-Jul-22	00:46:09	5.257	16121.948	7026.198	3.683	83.0	0.916	1682	804	0.82
5	I23889	IA537STD-10	26-Jul-22	01:02:44	5.250	15705.815	14475.750	7.789	87.8	0.968	54	80	0.88
6	I23890	IA537STD-25	26-Jul-22	01:19:18	5.248	15407.857	41878.598	22.971	103.6	1.142	4520	2617	0.96
7	I23891	IA537STD-50	26-Jul-22	01:35:51	5.247	15400.353	74151.570	40.693	91.8	1.012	4678	3330	0.83
8	I23892	IA537STD-100	26-Jul-22	01:52:25	5.245	14036.856	145364.516	87.522	98.7	1.088	4050	3234	0.76
9	I23893	IA537STD-250	26-Jul-22	02:08:59	5.245	11871.486	320521.063	228.181	102.9	1.135	5085	4594	0.71

Compound name: PFBS
Coefficient of Determination: R^2 = 0.997644
Calibration curve: 1.10278 * x
Response type: Internal Std (Ref 7), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

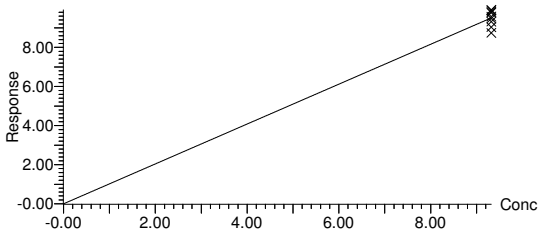
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2237198
Project Name	:	GROSSINGERS	Project Number	:	9313
Instrument ID	:	LCMS01	Ical Ref	:	ICAL19203
Calibration dates	:	07/25/22 23:54 07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: M3PFBS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	5.268	16713.672	15842.368	9.291	99.7	1.017	1883		0.97
2	I23886	IA537STD-1	26-Jul-22	00:13:04	5.261	16379.509	15689.002	9.389	100.7	1.028	3286		0.89
3	I23887	IA537STD-2	26-Jul-22	00:29:36	5.253	15987.877	15813.672	9.695	104.0	1.061	945		0.92
4	I23888	IA537STD-5	26-Jul-22	00:46:09	5.254	17840.250	16121.948	8.858	95.0	0.970	941		0.86
5	I23889	IA537STD-10	26-Jul-22	01:02:44	5.251	15981.821	15705.815	9.633	103.4	1.054	66		0.87
6	I23890	IA537STD-25	26-Jul-22	01:19:18	5.249	17614.566	15407.857	8.574	92.0	0.939	790		0.92
7	I23891	IA537STD-50	26-Jul-22	01:35:51	5.247	15523.022	15400.353	9.724	104.3	1.064	457		0.80
8	I23892	IA537STD-100	26-Jul-22	01:52:25	5.243	15063.803	14036.856	9.134	98.0	1.000	242		0.81
9	I23893	IA537STD-250	26-Jul-22	02:08:59	5.245	12142.486	11871.486	9.583	102.8	1.049	84		0.68

Compound name: M3PFBS
Response Factor: 1.02021
RRF SD: 0.0438156, % Relative SD: 4.29474
Response type: Internal Std (Ref 32), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

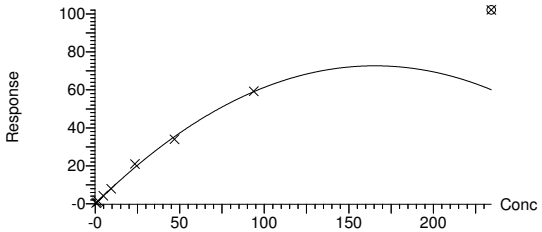
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2237198
Project Name	:	GROSSINGERS	Project Number	:	9313
Instrument ID	:	LCMS01	Ical Ref	:	ICAL19203
Calibration dates	:	07/25/22 23:54 07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: 4:2FTS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	6.357	2757.664	95.263	0.369	78.8	0.692	29	17	1.09
2	I23886	IA537STD-1	26-Jul-22	00:13:04	6.347	2574.213	197.608	0.821	87.6	0.768	5	32	1.15
3	I23887	IA537STD-2	26-Jul-22	00:29:36	6.351	2689.923	370.661	1.477	78.8	0.690	34	64	0.87
4	I23888	IA537STD-5	26-Jul-22	00:46:09	6.347	2692.692	1221.805	4.915	104.9	0.908	350	673	0.98
5	I23889	IA537STD-10	26-Jul-22	01:02:44	6.339	2901.444	2446.241	9.257	98.8	0.844	37	382	1.13
6	I23890	IA537STD-25	26-Jul-22	01:19:18	6.339	3252.203	7275.812	25.904	110.6	0.896	334	1869	1.09
7	I23891	IA537STD-50	26-Jul-22	01:35:51	6.333	3672.883	13307.498	44.709	95.4	0.725	6636	2391	1.05
8	I23892	IA537STD-100	26-Jul-22	01:52:25	6.333	4340.710	27420.174	94.293	100.6	0.632	2547	1899	1.08
9	I23893	IA537STD-250	26-Jul-22	02:08:59	6.327	6273.061	68316.234			0.436	7070	4576	1.03

Compound name: 4:2FTS
Coefficient of Determination: R^2 = 0.998229
Calibration curve: -0.00265713 * x^2 + 0.878944 * x
Response type: Internal Std (Ref 9), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: Null, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

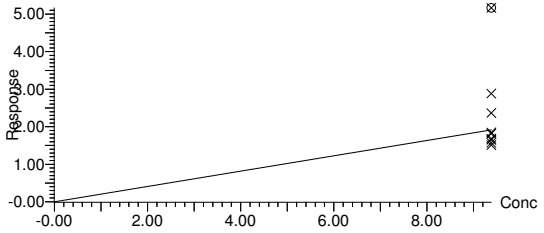
Client	: Soils Engineering Services, Inc.		Lab Number	: L2237198	
Project Name	: GROSSINGERS		Project Number	: 9313	
Instrument ID	: LCMS01		Ical Ref	: ICAL19203	
Calibration dates	: 07/25/22 23:54	07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: M2-4:2FTS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	6.357	16713.672	2757.664	8.080	86.1	0.176	178		1.07
2	I23886	IA537STD-1	26-Jul-22	00:13:04	6.353	16379.509	2574.213	7.697	82.1	0.168	1409		1.00
3	I23887	IA537STD-2	26-Jul-22	00:29:36	6.342	15987.877	2689.923	8.240	87.8	0.179	311		1.22
4	I23888	IA537STD-5	26-Jul-22	00:46:09	6.344	17840.250	2692.692	7.392	78.8	0.161	129		1.05
5	I23889	IA537STD-10	26-Jul-22	01:02:44	6.339	15981.821	2901.444	8.891	94.8	0.194	1367		1.05
6	I23890	IA537STD-25	26-Jul-22	01:19:18	6.339	17614.566	3252.203	9.042	96.4	0.197	626		1.12
7	I23891	IA537STD-50	26-Jul-22	01:35:51	6.330	15523.022	3672.883	11.587	123.5	0.252	793		1.11
8	I23892	IA537STD-100	26-Jul-22	01:52:25	6.333	15063.803	4340.710	14.112	150.4	0.307	767		1.04
9	I23893	IA537STD-250	26-Jul-22	02:08:59	6.327	12142.486	6273.061	25.300	269.7	0.551	816		1.01

Compound name: M2-4:2FTS
Response Factor: 0.204195
RRF SD: 0.050314, % Relative SD: 24.6402
Response type: Internal Std (Ref 32), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

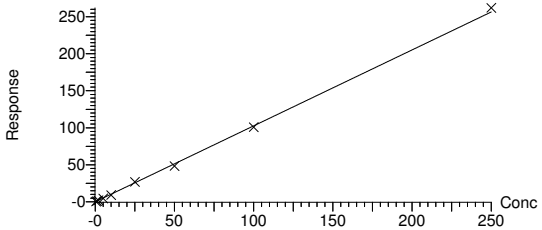
Client	: Soils Engineering Services, Inc.		Lab Number	: L2237198	
Project Name	: GROSSINGERS		Project Number	: 9313	
Instrument ID	: LCMS01		Ical Ref	: ICAL19203	
Calibration dates	: 07/25/22 23:54	07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: PFHxA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	6.436	52197.773	2445.680	0.457	91.3	0.937	182	49	1.07
2	I23886	IA537STD-1	26-Jul-22	00:13:04	6.429	52258.227	4664.797	0.870	87.0	0.893	432	98	1.05
3	I23887	IA537STD-2	26-Jul-22	00:29:36	6.422	53181.832	9730.102	1.783	89.2	0.915	1293	8	1.18
4	I23888	IA537STD-5	26-Jul-22	00:46:09	6.423	54538.777	24257.295	4.335	86.7	0.890	3584	171	1.09
5	I23889	IA537STD-10	26-Jul-22	01:02:44	6.418	54758.895	50064.648	8.912	89.1	0.914	3610	78786	1.06
6	I23890	IA537STD-25	26-Jul-22	01:19:18	6.418	53658.059	144454.844	26.242	105.0	1.077	10193	988	1.08
7	I23891	IA537STD-50	26-Jul-22	01:35:51	6.410	53073.242	256722.406	47.150	94.3	0.967	20684	2222	1.08
8	I23892	IA537STD-100	26-Jul-22	01:52:25	6.412	49551.262	500041.844	98.366	98.4	1.009	10402	6559	1.06
9	I23893	IA537STD-250	26-Jul-22	02:08:59	6.404	43648.773	1143607.500	255.386	102.2	1.048	35956	4125	1.11

Compound name: PFHxA
Coefficient of Determination: R^2 = 0.998549
Calibration curve: 1.02591 * x
Response type: Internal Std (Ref 11), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

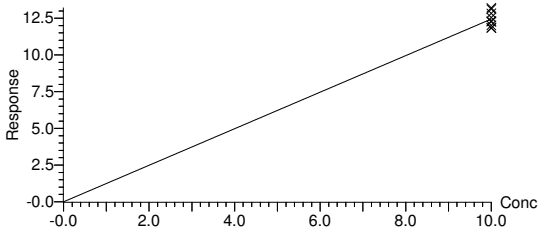
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2237198
Project Name	:	GROSSINGERS	Project Number	:	9313
Instrument ID	:	LCMS01	Ical Ref	:	ICAL19203
Calibration dates	:	07/25/22 23:54 07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: M5PFHxA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	6.434	42590.730	52197.773	9.848	98.5	1.226	5765		1.07
2	I23886	IA537STD-1	26-Jul-22	00:13:04	6.427	39789.082	52258.227	10.554	105.5	1.313	3379		1.10
3	I23887	IA537STD-2	26-Jul-22	00:29:36	6.422	41422.008	53181.832	10.317	103.2	1.284	5849		1.13
4	I23888	IA537STD-5	26-Jul-22	00:46:09	6.421	43420.129	54538.777	10.093	100.9	1.256	6104		1.10
5	I23889	IA537STD-10	26-Jul-22	01:02:44	6.416	41458.664	54758.895	10.613	106.1	1.321	4333		1.12
6	I23890	IA537STD-25	26-Jul-22	01:19:18	6.416	44683.723	53658.059	9.649	96.5	1.201	2074		1.10
7	I23891	IA537STD-50	26-Jul-22	01:35:51	6.410	44823.180	53073.242	9.514	95.1	1.184	1228		1.03
8	I23892	IA537STD-100	26-Jul-22	01:52:25	6.410	41830.828	49551.262	9.518	95.2	1.185	1875		1.11
9	I23893	IA537STD-250	26-Jul-22	02:08:59	6.404	35450.852	43648.773	9.894	98.9	1.231	1577		1.07

Compound name: M5PFHxA
Response Factor: 1.24449
RRF SD: 0.0523685, % Relative SD: 4.20802
Response type: Internal Std (Ref 23), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

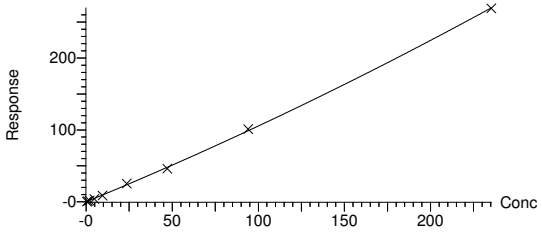
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2237198
Project Name	:	GROSSINGERS	Project Number	:	9313
Instrument ID	:	LCMS01	Ical Ref	:	ICAL19203
Calibration dates	:	07/25/22 23:54 07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: PFPeS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	6.737	17812.373	793.313	0.428	90.9	0.897	33	7450	1.27
2	I23886	IA537STD-1	26-Jul-22	00:13:04	6.734	16444.639	1602.263	0.936	99.4	0.982	379	322	1.05
3	I23887	IA537STD-2	26-Jul-22	00:29:36	6.733	17290.350	3079.524	1.709	90.8	0.897	683	394	1.10
4	I23888	IA537STD-5	26-Jul-22	00:46:09	6.731	17879.152	7661.896	4.106	87.3	0.863	987	80955	1.02
5	I23889	IA537STD-10	26-Jul-22	01:02:44	6.725	17063.047	15583.477	8.723	92.7	0.920	1619	169523	1.05
6	I23890	IA537STD-25	26-Jul-22	01:19:18	6.725	16768.635	44894.520	25.283	107.5	1.079	2046	2535	1.11
7	I23891	IA537STD-50	26-Jul-22	01:35:51	6.717	16033.732	77999.273	45.324	96.3	0.980	9286	4610	1.05
8	I23892	IA537STD-100	26-Jul-22	01:52:25	6.717	14034.834	149570.438	96.032	102.1	1.074	8398	5622	1.09
9	I23893	IA537STD-250	26-Jul-22	02:08:59	6.709	11262.957	319776.469	234.761	99.8	1.144	11833	6952	1.08

Compound name: PFPeS
Coefficient of Determination: R^2 = 0.999170
Calibration curve: 0.000680986 * x^2 + 0.986637 * x
Response type: Internal Std (Ref 18), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

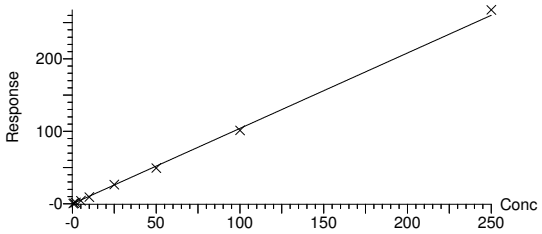
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2237198
Project Name	:	GROSSINGERS	Project Number	:	9313
Instrument ID	:	LCMS01	Ical Ref	:	ICAL19203
Calibration dates	:	07/25/22 23:54 07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: PFHpA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	7.678	43786.879	2008.659	0.441	88.2	0.917	201	64	0.91
2	I23886	IA537STD-1	26-Jul-22	00:13:04	7.664	43400.902	4120.796	0.912	91.2	0.949	524	158	1.28
3	I23887	IA537STD-2	26-Jul-22	00:29:36	7.665	44622.160	7814.801	1.683	84.2	0.876	661	46202	1.10
4	I23888	IA537STD-5	26-Jul-22	00:46:09	7.664	46175.172	20357.145	4.237	84.7	0.882	553	1026	1.08
5	I23889	IA537STD-10	26-Jul-22	01:02:44	7.654	46374.430	42604.301	8.829	88.3	0.919	5573	1327	1.12
6	I23890	IA537STD-25	26-Jul-22	01:19:18	7.658	46285.285	122604.523	25.457	101.8	1.060	21268	2655	1.15
7	I23891	IA537STD-50	26-Jul-22	01:35:51	7.654	44334.215	218919.938	47.456	94.9	0.988	19287	4549	1.07
8	I23892	IA537STD-100	26-Jul-22	01:52:25	7.654	41115.602	416320.469	97.312	97.3	1.013	9951	8213	1.09
9	I23893	IA537STD-250	26-Jul-22	02:08:59	7.651	35462.426	948954.375	257.172	102.9	1.070	6852	9038	1.10

Compound name: PFHpA
Coefficient of Determination: R^2 = 0.998278
Calibration curve: 1.04053 * x
Response type: Internal Std (Ref 14), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

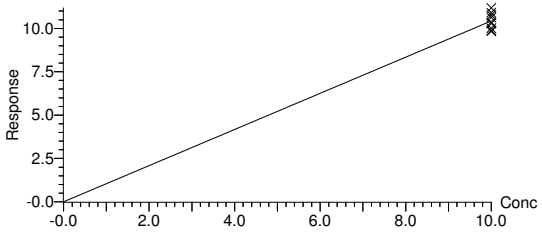
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2237198
Project Name	:	GROSSINGERS	Project Number	:	9313
Instrument ID	:	LCMS01	Ical Ref	:	ICAL19203
Calibration dates	:	07/25/22 23:54 07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: M4PFHpA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	7.675	42590.730	43786.879	9.858	98.6	1.028	1176		1.06
2	I23886	IA537STD-1	26-Jul-22	00:13:04	7.664	39789.082	43400.902	10.459	104.6	1.091	4047		1.15
3	I23887	IA537STD-2	26-Jul-22	00:29:36	7.665	41422.008	44622.160	10.329	103.3	1.077	4636		1.06
4	I23888	IA537STD-5	26-Jul-22	00:46:09	7.664	43420.129	46175.172	10.197	102.0	1.063	2138		1.08
5	I23889	IA537STD-10	26-Jul-22	01:02:44	7.654	41458.664	46374.430	10.725	107.3	1.119	1192		1.10
6	I23890	IA537STD-25	26-Jul-22	01:19:18	7.658	44683.723	46285.285	9.932	99.3	1.036	2572		1.08
7	I23891	IA537STD-50	26-Jul-22	01:35:51	7.651	44823.180	44334.215	9.484	94.8	0.989	9551		1.14
8	I23892	IA537STD-100	26-Jul-22	01:52:25	7.651	41830.828	41115.602	9.424	94.2	0.983	2520		1.16
9	I23893	IA537STD-250	26-Jul-22	02:08:59	7.648	35450.852	35462.426	9.592	95.9	1.000	709725		1.20

Compound name: M4PFHpA
Response Factor: 1.04292
RRF SD: 0.0476939, % Relative SD: 4.5731
Response type: Internal Std (Ref 23), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

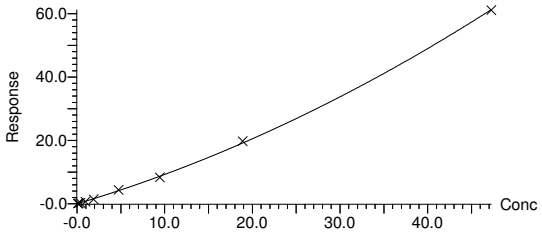
Client	: Soils Engineering Services, Inc.	Lab Number	: L2237198
Project Name	: GROSSINGERS	Project Number	: 9313
Instrument ID	: LCMS01	Ical Ref	: ICAL19203
Calibration dates	: 07/25/22 23:54 07/26/22 02:08		

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: br-PFHxS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	7.608	17812.373	115.910	0.075	78.9	0.653	50	11	0.41
2	I23886	IA537STD-1	26-Jul-22	00:13:04	7.597	16444.639	237.419	0.165	87.4	0.724	121	18	0.55
3	I23887	IA537STD-2	26-Jul-22	00:29:36	7.598	17290.350	506.301	0.334	88.4	0.734	119	51	0.45
4	I23888	IA537STD-5	26-Jul-22	00:46:09	7.597	17879.152	1292.517	0.821	86.8	0.725	160	36	0.45
5	I23889	IA537STD-10	26-Jul-22	01:02:44	7.584	17063.047	2644.103	1.740	92.1	0.777	403	115	0.49
6	I23890	IA537STD-25	26-Jul-22	01:19:18	7.588	16768.635	7761.324	5.004	105.9	0.929	830	528	0.49
7	I23891	IA537STD-50	26-Jul-22	01:35:51	7.581	16033.732	14144.616	9.113	96.4	0.885	1003	1297	0.49
8	I23892	IA537STD-100	26-Jul-22	01:52:25	7.581	14034.834	29243.953	19.370	102.5	1.045	1650	1400	0.50
9	I23893	IA537STD-250	26-Jul-22	02:08:59	7.578	11262.957	72610.703	47.150	99.8	1.293	4750	4922	0.50

Compound name: br-PFHxS
Coefficient of Determination: R^2 = 0.999336
Calibration curve: 0.00995074 * x^2 + 0.827038 * x
Response type: Internal Std (Ref 18), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

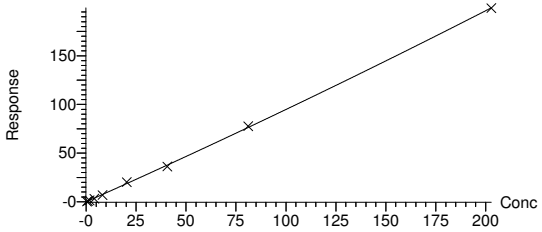
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2237198
Project Name	:	GROSSINGERS	Project Number	:	9313
Instrument ID	:	LCMS01	Ical Ref	:	ICAL19203
Calibration dates	:	07/25/22 23:54 07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: L-PFHxS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	7.836	17812.373	619.846	0.361	88.9	0.814	437	178	1.13
2	I23886	IA537STD-1	26-Jul-22	00:13:04	7.826	16444.639	1191.050	0.750	92.5	0.847	1005	181	1.17
3	I23887	IA537STD-2	26-Jul-22	00:29:36	7.827	17290.350	2583.077	1.547	95.4	0.873	985	598	1.09
4	I23888	IA537STD-5	26-Jul-22	00:46:09	7.826	17879.152	6125.373	3.546	87.4	0.801	1227	442	1.08
5	I23889	IA537STD-10	26-Jul-22	01:02:44	7.818	17063.047	12639.747	7.655	94.4	0.866	3083	1156	1.08
6	I23890	IA537STD-25	26-Jul-22	01:19:18	7.821	16768.635	35635.781	21.850	107.8	0.994	6162	5330	1.12
7	I23891	IA537STD-50	26-Jul-22	01:35:51	7.815	16033.732	61490.078	39.184	96.6	0.897	6690	11547	1.12
8	I23892	IA537STD-100	26-Jul-22	01:52:25	7.815	14034.834	114896.070	82.365	101.6	0.957	9976	11464	1.15
9	I23893	IA537STD-250	26-Jul-22	02:08:59	7.812	11262.957	236229.250	202.414	99.8	0.981	22643	31198	1.22

Compound name: L-PFHxS
Coefficient of Determination: R^2 = 0.999212
Calibration curve: 0.000333738 * x^2 + 0.914757 * x
Response type: Internal Std (Ref 18), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

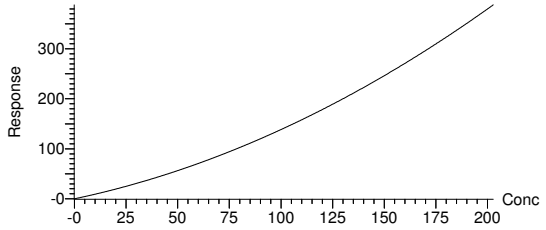
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2237198
Project Name	:	GROSSINGERS	Project Number	:	9313
Instrument ID	:	LCMS01	Ical Ref	:	ICAL19203
Calibration dates	:	07/25/22 23:54 07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: PFHxS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	ng/mL	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30		17812.373	735.756	0.435					
2	I23886	IA537STD-1	26-Jul-22	00:13:04		16444.639	1428.469	0.916					
3	I23887	IA537STD-2	26-Jul-22	00:29:36		17290.350	3089.378	1.882					
4	I23888	IA537STD-5	26-Jul-22	00:46:09		17879.152	7417.890	4.366					
5	I23889	IA537STD-10	26-Jul-22	01:02:44		17063.047	15283.850	9.395					
6	I23890	IA537STD-25	26-Jul-22	01:19:18		16768.635	43397.105	26.854					
7	I23891	IA537STD-50	26-Jul-22	01:35:51		16033.732	75634.694	48.297					
8	I23892	IA537STD-100	26-Jul-22	01:52:25		14034.834	144140.023	101.735					
9	I23893	IA537STD-250	26-Jul-22	02:08:59		11262.957	308839.953	249.564					

Compound name: PFHxS
Coefficient of Determination: 0.000000
Calibration curve: 0.870897 * x
Response type: Internal Std (Ref 18), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

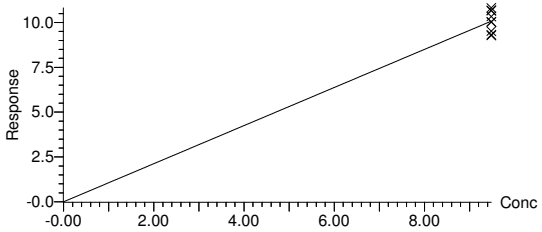
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2237198
Project Name	:	GROSSINGERS	Project Number	:	9313
Instrument ID	:	LCMS01	Ical Ref	:	ICAL19203
Calibration dates	:	07/25/22 23:54 07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: M3PFHxS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	7.836	16713.672	17812.373	10.031	105.8	1.124	1042		1.04
2	I23886	IA537STD-1	26-Jul-22	00:13:04	7.826	16379.509	16444.639	9.449	99.7	1.059	850		1.08
3	I23887	IA537STD-2	26-Jul-22	00:29:36	7.827	15987.877	17290.350	10.179	107.4	1.141	2060		1.05
4	I23888	IA537STD-5	26-Jul-22	00:46:09	7.823	17840.250	17879.152	9.432	99.5	1.057	4534		1.09
5	I23889	IA537STD-10	26-Jul-22	01:02:44	7.818	15981.821	17063.047	10.049	106.0	1.126	2028		1.00
6	I23890	IA537STD-25	26-Jul-22	01:19:18	7.821	17614.566	16768.635	8.960	94.5	1.004	3140		1.06
7	I23891	IA537STD-50	26-Jul-22	01:35:51	7.812	15523.022	16033.732	9.722	102.5	1.090	976		1.19
8	I23892	IA537STD-100	26-Jul-22	01:52:25	7.815	15063.803	14034.834	8.769	92.5	0.983	2495		1.12
9	I23893	IA537STD-250	26-Jul-22	02:08:59	7.812	12142.486	11262.957	8.730	92.1	0.978	732		1.15

Compound name: M3PFHxS
Response Factor: 1.06249
RRF SD: 0.0628339, % Relative SD: 5.91385
Response type: Internal Std (Ref 32), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

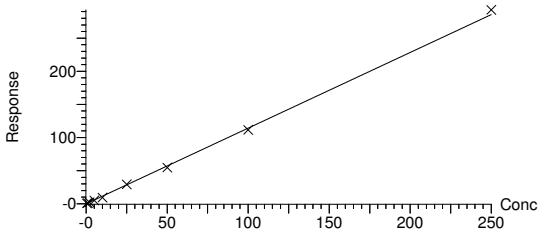
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2237198
Project Name	:	GROSSINGERS	Project Number	:	9313
Instrument ID	:	LCMS01	Ical Ref	:	ICAL19203
Calibration dates	:	07/25/22 23:54 07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: br-PFOA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	ng/mL	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30		40625.063							
2	I23886	IA537STD-1	26-Jul-22	00:13:04		40630.441							
3	I23887	IA537STD-2	26-Jul-22	00:29:36		38896.156							
4	I23888	IA537STD-5	26-Jul-22	00:46:09		40007.082							
5	I23889	IA537STD-10	26-Jul-22	01:02:44		44072.551							
6	I23890	IA537STD-25	26-Jul-22	01:19:18		44393.574							
7	I23891	IA537STD-50	26-Jul-22	01:35:51		41732.668							
8	I23892	IA537STD-100	26-Jul-22	01:52:25		38749.652							
9	I23893	IA537STD-250	26-Jul-22	02:08:59		34520.824							

Compound name: L-PFOA
Coefficient of Determination: R^2 = 0.998313
Calibration curve: 1.14208 * x
Response type: Internal Std (Ref 22), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

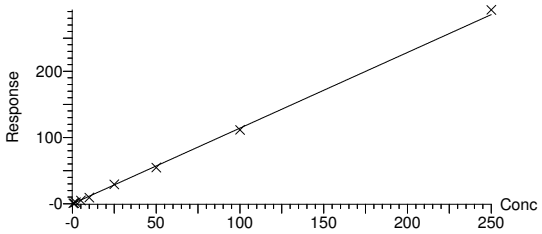
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2237198
Project Name	:	GROSSINGERS	Project Number	:	9313
Instrument ID	:	LCMS01	Ical Ref	:	ICAL19203
Calibration dates	:	07/25/22 23:54 07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: L-PFOA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	8.614	40625.063	2506.745	0.540	108.1	1.234	57881	4374	0.91
2	I23886	IA537STD-1	26-Jul-22	00:13:04	8.601	40630.441	3804.075	0.820	82.0	0.936	175	5951	1.11
3	I23887	IA537STD-2	26-Jul-22	00:29:36	8.602	38896.156	8002.932	1.802	90.1	1.029	177	42	1.03
4	I23888	IA537STD-5	26-Jul-22	00:46:09	8.601	40007.082	20643.254	4.518	90.4	1.032	453	227	1.09
5	I23889	IA537STD-10	26-Jul-22	01:02:44	8.593	44072.551	41922.930	8.329	83.3	0.951	947	552	1.13
6	I23890	IA537STD-25	26-Jul-22	01:19:18	8.597	44393.574	130800.758	25.798	103.2	1.179	2201	1668	1.05
7	I23891	IA537STD-50	26-Jul-22	01:35:51	8.593	41732.668	227642.781	47.762	95.5	1.091	3389	444	1.09
8	I23892	IA537STD-100	26-Jul-22	01:52:25	8.593	38749.652	432252.750	97.673	97.7	1.116	7837	2218	1.10
9	I23893	IA537STD-250	26-Jul-22	02:08:59	8.593	34520.824	1010314.438	256.259	102.5	1.171	23098	3059513	1.07

Compound name: L-PFOA
Coefficient of Determination: R^2 = 0.998313
Calibration curve: 1.14208 * x
Response type: Internal Std (Ref 22), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

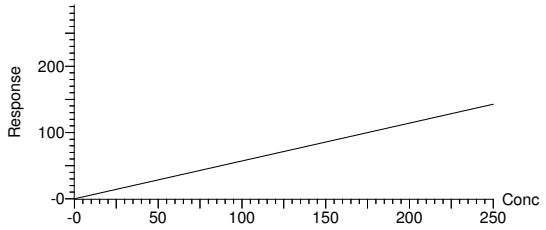
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2237198
Project Name	:	GROSSINGERS	Project Number	:	9313
Instrument ID	:	LCMS01	Ical Ref	:	ICAL19203
Calibration dates	:	07/25/22 23:54 07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: PFOA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	ng/mL	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30		40625.063	2506.745	0.540					
2	I23886	IA537STD-1	26-Jul-22	00:13:04		40630.441	3804.075	0.820					
3	I23887	IA537STD-2	26-Jul-22	00:29:36		38896.156	8002.932	1.802					
4	I23888	IA537STD-5	26-Jul-22	00:46:09		40007.082	20643.254	4.518					
5	I23889	IA537STD-10	26-Jul-22	01:02:44		44072.551	41922.930	8.329					
6	I23890	IA537STD-25	26-Jul-22	01:19:18		44393.574	130800.758	25.798					
7	I23891	IA537STD-50	26-Jul-22	01:35:51		41732.668	227642.781	47.762					
8	I23892	IA537STD-100	26-Jul-22	01:52:25		38749.652	432252.750	97.673					
9	I23893	IA537STD-250	26-Jul-22	02:08:59		34520.824	1010314.438	256.259					

Compound name: PFOA
Coefficient of Determination: 0.000000
Calibration curve: 0.571041 * x
Response type: Internal Std (Ref 22), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

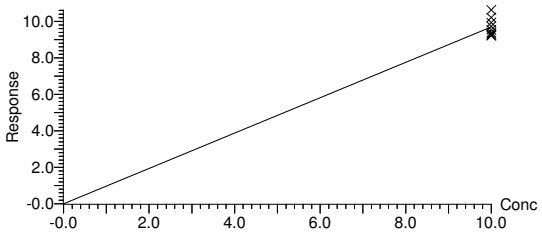
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2237198
Project Name	:	GROSSINGERS	Project Number	:	9313
Instrument ID	:	LCMS01	Ical Ref	:	ICAL19203
Calibration dates	:	07/25/22 23:54 07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: M8PFOA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	8.610	42590.730	40625.063	9.841	98.4	0.954	1899		1.08
2	I23886	IA537STD-1	26-Jul-22	00:13:04	8.601	39789.082	40630.441	10.536	105.4	1.021	701		1.10
3	I23887	IA537STD-2	26-Jul-22	00:29:36	8.602	41422.008	38896.156	9.688	96.9	0.939	418		1.09
4	I23888	IA537STD-5	26-Jul-22	00:46:09	8.601	43420.129	40007.082	9.506	95.1	0.921	3062		1.03
5	I23889	IA537STD-10	26-Jul-22	01:02:44	8.594	41458.664	44072.551	10.968	109.7	1.063	894169		1.12
6	I23890	IA537STD-25	26-Jul-22	01:19:18	8.598	44683.723	44393.574	10.250	102.5	0.994	2954		1.05
7	I23891	IA537STD-50	26-Jul-22	01:35:51	8.594	44823.180	41732.668	9.606	96.1	0.931	234		1.06
8	I23892	IA537STD-100	26-Jul-22	01:52:25	8.594	41830.828	38749.652	9.557	95.6	0.926	1034		1.06
9	I23893	IA537STD-250	26-Jul-22	02:08:59	8.589	35450.852	34520.824	10.047	100.5	0.974	666528		1.12

Compound name: M8PFOA
Response Factor: 0.969236
RRF SD: 0.0485301, % Relative SD: 5.00705
Response type: Internal Std (Ref 23), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

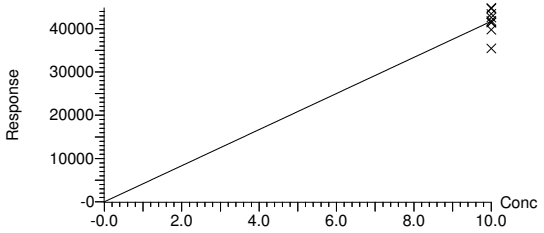
Client	: Soils Engineering Services, Inc.	Lab Number	: L2237198
Project Name	: GROSSINGERS	Project Number	: 9313
Instrument ID	: LCMS01	Ical Ref	: ICAL19203
Calibration dates	: 07/25/22 23:54 07/26/22 02:08		

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: M2PFOA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	ng/mL	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	8.610		42590.730	10.209	102.1	4259.073	564		1.13
2	I23886	IA537STD-1	26-Jul-22	00:13:04	8.601		39789.082	9.537	95.4	3978.908	3911		1.10
3	I23887	IA537STD-2	26-Jul-22	00:29:36	8.602		41422.008	9.929	99.3	4142.201	1764		1.14
4	I23888	IA537STD-5	26-Jul-22	00:46:09	8.601		43420.129	10.408	104.1	4342.013	1048		1.07
5	I23889	IA537STD-10	26-Jul-22	01:02:44	8.593		41458.664	9.938	99.4	4145.866	199		1.12
6	I23890	IA537STD-25	26-Jul-22	01:19:18	8.598		44683.723	10.711	107.1	4468.372	1016881		1.03
7	I23891	IA537STD-50	26-Jul-22	01:35:51	8.594		44823.180	10.744	107.4	4482.318	180		1.12
8	I23892	IA537STD-100	26-Jul-22	01:52:25	8.594		41830.828	10.027	100.3	4183.083	119		1.05
9	I23893	IA537STD-250	26-Jul-22	02:08:59	8.589		35450.852	8.498	85.0	3545.085	1806		1.24

Compound name: M2PFOA
Response Factor: 4171.88
RRF SD: 285.618, % Relative SD: 6.84626
Response type: External Std, Area
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

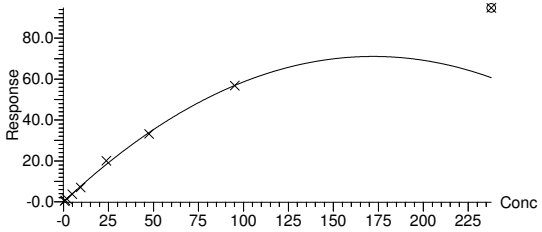
Client	: Soils Engineering Services, Inc.	Lab Number	: L2237198
Project Name	: GROSSINGERS	Project Number	: 9313
Instrument ID	: LCMS01	Ical Ref	: ICAL19203
Calibration dates	: 07/25/22 23:54 07/26/22 02:08		

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: 6:2FTS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	8.569	3311.721	111.328	0.387	81.5	0.672	16	1562	1.18
2	I23886	IA537STD-1	26-Jul-22	00:13:04	8.564	3231.349	225.739	0.806	84.7	0.699	73	2119	0.95
3	I23887	IA537STD-2	26-Jul-22	00:29:36	8.561	3285.315	490.975	1.729	90.9	0.747	724	5158	1.12
4	I23888	IA537STD-5	26-Jul-22	00:46:09	8.560	3532.500	1390.097	4.590	96.5	0.787	5231	221	0.99
5	I23889	IA537STD-10	26-Jul-22	01:02:44	8.553	3627.772	2671.739	8.696	91.4	0.736	1347	1108	1.03
6	I23890	IA537STD-25	26-Jul-22	01:19:18	8.553	3941.253	8331.034	26.344	110.8	0.846	3475	5693	1.09
7	I23891	IA537STD-50	26-Jul-22	01:35:51	8.553	4212.638	14706.103	46.447	97.7	0.698	11132	1027	1.00
8	I23892	IA537STD-100	26-Jul-22	01:52:25	8.549	5010.349	29932.914	94.972	99.9	0.597	15553	3911	1.12
9	I23893	IA537STD-250	26-Jul-22	02:08:59	8.549	7316.032	72947.117			0.399	6444	19232	1.06

Compound name: 6:2FTS
Coefficient of Determination: R^2 = 0.996954
Calibration curve: -0.00240184 * x^2 + 0.826335 * x
Response type: Internal Std (Ref 25), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

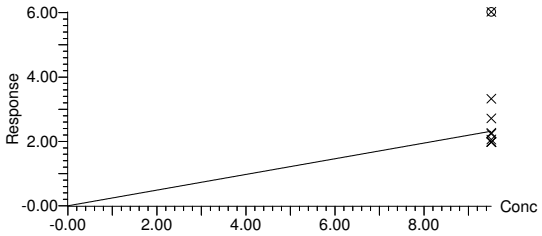
Client	: Soils Engineering Services, Inc.		Lab Number	: L2237198	
Project Name	: GROSSINGERS		Project Number	: 9313	
Instrument ID	: LCMS01		Ical Ref	: ICAL19203	
Calibration dates	: 07/25/22 23:54	07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: M2-6:2FTS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	8.570	16713.672	3311.721	8.133	85.5	0.208	807		1.05
2	I23886	IA537STD-1	26-Jul-22	00:13:04	8.561	16379.509	3231.349	8.097	85.1	0.207	2246		1.04
3	I23887	IA537STD-2	26-Jul-22	00:29:36	8.561	15987.877	3285.315	8.434	88.7	0.216	67957		1.04
4	I23888	IA537STD-5	26-Jul-22	00:46:09	8.561	17840.250	3532.500	8.127	85.5	0.208	1553		1.02
5	I23889	IA537STD-10	26-Jul-22	01:02:44	8.553	15981.821	3627.772	9.317	98.0	0.239	1774		1.03
6	I23890	IA537STD-25	26-Jul-22	01:19:18	8.553	17614.566	3941.253	9.183	96.6	0.235	1465		1.09
7	I23891	IA537STD-50	26-Jul-22	01:35:51	8.553	15523.022	4212.638	11.138	117.1	0.285	1736		1.01
8	I23892	IA537STD-100	26-Jul-22	01:52:25	8.553	15063.803	5010.349	13.651	143.5	0.350	1918		0.98
9	I23893	IA537STD-250	26-Jul-22	02:08:59	8.549	12142.486	7316.032	24.729	260.0	0.634	5791		1.04

Compound name: M2-6:2FTS
Response Factor: 0.243645
RRF SD: 0.0502338, % Relative SD: 20.6176
Response type: Internal Std (Ref 32), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

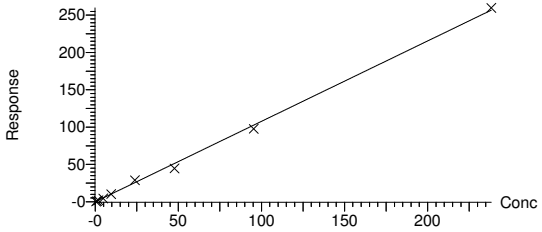
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2237198
Project Name	:	GROSSINGERS	Project Number	:	9313
Instrument ID	:	LCMS01	Ical Ref	:	ICAL19203
Calibration dates	:	07/25/22 23:54 07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: PFHpS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	8.704	16946.209	761.672	0.400	84.0	0.905	45	209	1.09
2	I23886	IA537STD-1	26-Jul-22	00:13:04	8.695	17271.336	1600.568	0.825	86.5	0.933	411	852	1.10
3	I23887	IA537STD-2	26-Jul-22	00:29:36	8.700	16739.957	3205.283	1.704	89.4	0.963	940	415	0.99
4	I23888	IA537STD-5	26-Jul-22	00:46:09	8.695	16533.510	7770.208	4.183	87.8	0.946	2761	1196	1.15
5	I23889	IA537STD-10	26-Jul-22	01:02:44	8.688	15253.115	16319.728	9.522	99.9	1.077	2800	749	1.14
6	I23890	IA537STD-25	26-Jul-22	01:19:18	8.692	15172.657	45764.688	26.845	112.7	1.214	8951	4426	1.06
7	I23891	IA537STD-50	26-Jul-22	01:35:51	8.688	16661.721	77536.445	41.417	86.9	0.937	8178	7283	1.10
8	I23892	IA537STD-100	26-Jul-22	01:52:25	8.688	14657.300	149192.094	90.590	95.1	1.024	27316	9807	1.10
9	I23893	IA537STD-250	26-Jul-22	02:08:59	8.688	11461.345	310476.625	241.093	101.2	1.090	21742	7137	1.09

Compound name: PFHpS
Coefficient of Determination: R^2 = 0.998415
Calibration curve: 1.07753 * x
Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: Null, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

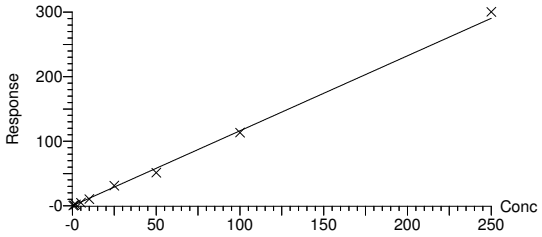
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2237198
Project Name	:	GROSSINGERS	Project Number	:	9313
Instrument ID	:	LCMS01	Ical Ref	:	ICAL19203
Calibration dates	:	07/25/22 23:54 07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: PFNA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	9.379	36571.012	1783.105	0.420	83.9	0.975	6	9	0.96
2	I23886	IA537STD-1	26-Jul-22	00:13:04	9.362	36186.691	3895.282	0.926	92.6	1.076	82788	22	1.12
3	I23887	IA537STD-2	26-Jul-22	00:29:36	9.371	39500.336	8062.973	1.757	87.8	1.021	112	50430	1.04
4	I23888	IA537STD-5	26-Jul-22	00:46:09	9.366	41697.082	19719.168	4.070	81.4	0.946	420314	87	1.04
5	I23889	IA537STD-10	26-Jul-22	01:02:44	9.363	40089.840	41741.207	8.960	89.6	1.041	406	250552	1.08
6	I23890	IA537STD-25	26-Jul-22	01:19:18	9.363	39974.129	124792.266	26.866	107.5	1.249	2762	142	1.02
7	I23891	IA537STD-50	26-Jul-22	01:35:51	9.359	39607.883	203625.391	44.243	88.5	1.028	972	3356	1.16
8	I23892	IA537STD-100	26-Jul-22	01:52:25	9.359	36309.598	412247.469	97.708	97.7	1.135	9134	1979	1.06
9	I23893	IA537STD-250	26-Jul-22	02:08:59	9.359	30259.789	909114.563	258.551	103.4	1.202	6917	12965	1.07

Compound name: PFNA
Coefficient of Determination: R^2 = 0.996543
Calibration curve: 1.162 * x
Response type: Internal Std (Ref 28), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

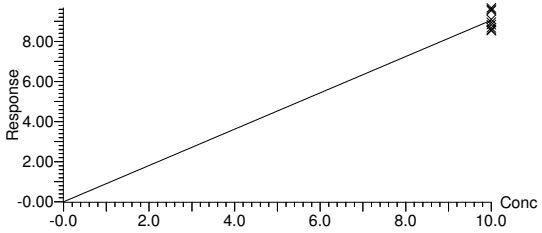
Client	: Soils Engineering Services, Inc.		Lab Number	: L2237198	
Project Name	: GROSSINGERS		Project Number	: 9313	
Instrument ID	: LCMS01		Ical Ref	: ICAL19203	
Calibration dates	: 07/25/22 23:54	07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: M9PFNA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	9.375	42590.730	36571.012	9.483	94.8	0.859	106		1.07
2	I23886	IA537STD-1	26-Jul-22	00:13:04	9.362	39789.082	36186.691	10.045	100.4	0.909	766426		1.19
3	I23887	IA537STD-2	26-Jul-22	00:29:36	9.367	41422.008	39500.336	10.532	105.3	0.954	458		1.10
4	I23888	IA537STD-5	26-Jul-22	00:46:09	9.366	43420.129	41697.082	10.606	106.1	0.960	682		1.09
5	I23889	IA537STD-10	26-Jul-22	01:02:44	9.359	41458.664	40089.840	10.680	106.8	0.967	475		1.12
6	I23890	IA537STD-25	26-Jul-22	01:19:18	9.359	44683.723	39974.129	9.880	98.8	0.895	887		1.13
7	I23891	IA537STD-50	26-Jul-22	01:35:51	9.359	44823.180	39607.883	9.759	97.6	0.884	171		1.16
8	I23892	IA537STD-100	26-Jul-22	01:52:25	9.359	41830.828	36309.598	9.587	95.9	0.868	639		1.04
9	I23893	IA537STD-250	26-Jul-22	02:08:59	9.359	35450.852	30259.789	9.427	94.3	0.854	4704		1.07

Compound name: M9PFNA
Response Factor: 0.905429
RRF SD: 0.0447317, % Relative SD: 4.94039
Response type: Internal Std (Ref 23), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

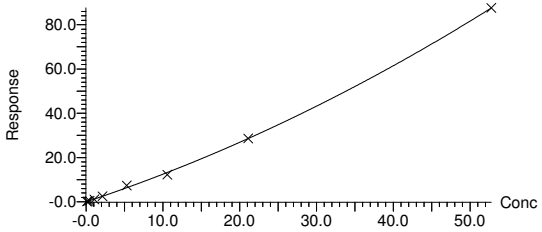
Client	: Soils Engineering Services, Inc.		Lab Number	: L2237198	
Project Name	: GROSSINGERS		Project Number	: 9313	
Instrument ID	: LCMS01		Ical Ref	: ICAL19203	
Calibration dates	: 07/25/22 23:54	07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: br-PFOS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	9.238	16946.209	179.265	0.088	83.5	0.962	60	16	0.35
2	I23886	IA537STD-1	26-Jul-22	00:13:04	9.158	17271.336	354.905	0.171	81.0	0.934	57	15	2.93
3	I23887	IA537STD-2	26-Jul-22	00:29:36	9.231	16739.957	768.800	0.381	90.4	1.044	119	23	0.41
4	I23888	IA537STD-5	26-Jul-22	00:46:09	9.227	16533.510	1898.549	0.949	89.9	1.044	352	139	0.40
5	I23889	IA537STD-10	26-Jul-22	01:02:44	9.224	15253.115	3983.881	2.137	101.3	1.187	862	50	0.38
6	I23890	IA537STD-25	26-Jul-22	01:19:18	9.224	15172.657	11729.900	6.125	116.1	1.405	635	384	0.39
7	I23891	IA537STD-50	26-Jul-22	01:35:51	9.224	16661.721	21283.100	9.831	93.2	1.161	2299	810	0.38
8	I23892	IA537STD-100	26-Jul-22	01:52:25	9.220	14657.300	43723.383	21.116	100.1	1.356	1751	1320	0.40
9	I23893	IA537STD-250	26-Jul-22	02:08:59	9.224	11461.345	104713.453	52.786	100.1	1.661	5912	2662	0.39

Compound name: br-PFOS
Coefficient of Determination: R^2 = 0.998354
Calibration curve: 0.00963122 * x^2 + 1.15143 * x
Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

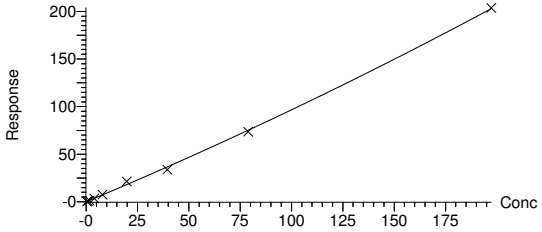
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2237198
Project Name	:	GROSSINGERS	Project Number	:	9313
Instrument ID	:	LCMS01	Ical Ref	:	ICAL19203
Calibration dates	:	07/25/22 23:54 07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: L-PFOS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	9.432	16946.209	585.444	0.367	93.0	0.840	318	214	1.12
2	I23886	IA537STD-1	26-Jul-22	00:13:04	9.419	17271.336	1165.132	0.716	90.8	0.820	422	256	1.17
3	I23887	IA537STD-2	26-Jul-22	00:29:36	9.424	16739.957	2375.741	1.506	95.5	0.862	719	179	1.16
4	I23888	IA537STD-5	26-Jul-22	00:46:09	9.423	16533.510	6014.849	3.855	97.7	0.884	2227	1200	1.08
5	I23889	IA537STD-10	26-Jul-22	01:02:44	9.416	15253.115	12042.205	8.339	105.7	0.960	5100	405	1.16
6	I23890	IA537STD-25	26-Jul-22	01:19:18	9.416	15172.657	33864.551	23.330	118.3	1.085	3662	3342	1.15
7	I23891	IA537STD-50	26-Jul-22	01:35:51	9.416	16661.721	58783.414	36.541	92.6	0.858	12494	6631	1.15
8	I23892	IA537STD-100	26-Jul-22	01:52:25	9.416	14657.300	112466.266	77.298	98.0	0.933	8797	9995	1.10
9	I23893	IA537STD-250	26-Jul-22	02:08:59	9.416	11461.345	243498.172	197.983	100.4	1.033	26669	18417	1.16

Compound name: L-PFOS
Coefficient of Determination: R^2 = 0.997474
Calibration curve: 0.000639068 * x^2 + 0.902561 * x
Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

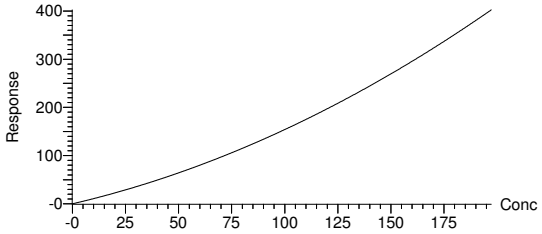
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2237198
Project Name	:	GROSSINGERS	Project Number	:	9313
Instrument ID	:	LCMS01	Ical Ref	:	ICAL19203
Calibration dates	:	07/25/22 23:54 07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: PFOS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	ng/mL	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30		16946.209	764.709	0.455					
2	I23886	IA537STD-1	26-Jul-22	00:13:04		17271.336	1520.037	0.887					
3	I23887	IA537STD-2	26-Jul-22	00:29:36		16739.957	3144.541	1.888					
4	I23888	IA537STD-5	26-Jul-22	00:46:09		16533.510	7913.398	4.804					
5	I23889	IA537STD-10	26-Jul-22	01:02:44		15253.115	16026.086	10.476					
6	I23890	IA537STD-25	26-Jul-22	01:19:18		15172.657	45594.451	29.455					
7	I23891	IA537STD-50	26-Jul-22	01:35:51		16661.721	80066.514	46.372					
8	I23892	IA537STD-100	26-Jul-22	01:52:25		14657.300	156189.649	98.414					
9	I23893	IA537STD-250	26-Jul-22	02:08:59		11461.345	348211.625	250.769					

Compound name: PFOS
Coefficient of Determination: 0.000000
Calibration curve: 1.027 * x
Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

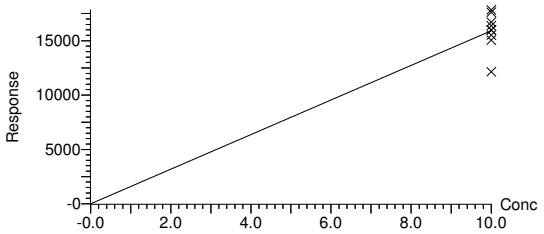
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2237198
Project Name	:	GROSSINGERS	Project Number	:	9313
Instrument ID	:	LCMS01	Ical Ref	:	ICAL19203
Calibration dates	:	07/25/22 23:54 07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: M4PFOS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	9.432		16713.672	10.501	105.0	1671.367	341		1.09
2	I23886	IA537STD-1	26-Jul-22	00:13:04	9.423		16379.509	10.291	102.9	1637.951	363531		1.01
3	I23887	IA537STD-2	26-Jul-22	00:29:36	9.424		15987.877	10.045	100.4	1598.788	346457		1.08
4	I23888	IA537STD-5	26-Jul-22	00:46:09	9.419		17840.250	11.209	112.1	1784.025	70		1.15
5	I23889	IA537STD-10	26-Jul-22	01:02:44	9.416		15981.821	10.041	100.4	1598.182	124		1.16
6	I23890	IA537STD-25	26-Jul-22	01:19:18	9.416		17614.566	11.067	110.7	1761.457	162		1.14
7	I23891	IA537STD-50	26-Jul-22	01:35:51	9.416		15523.022	9.753	97.5	1552.302	326033		1.17
8	I23892	IA537STD-100	26-Jul-22	01:52:25	9.412		15063.803	9.464	94.6	1506.380	456		1.19
9	I23893	IA537STD-250	26-Jul-22	02:08:59	9.416		12142.486	7.629	76.3	1214.249	252235		1.03

Compound name: M4PFOS
Response Factor: 1591.63
RRF SD: 167.96, % Relative SD: 10.5527
Response type: External Std, Area
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

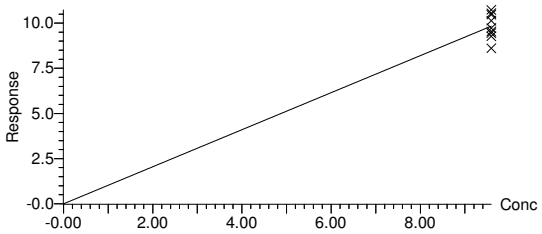
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2237198
Project Name	:	GROSSINGERS	Project Number	:	9313
Instrument ID	:	LCMS01	Ical Ref	:	ICAL19203
Calibration dates	:	07/25/22 23:54 07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: M8PFOS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	9.432	16713.672	16946.209	9.890	103.1	1.057	341		0.99
2	I23886	IA537STD-1	26-Jul-22	00:13:04	9.419	16379.509	17271.336	10.286	107.3	1.100	367082		1.17
3	I23887	IA537STD-2	26-Jul-22	00:29:36	9.424	15987.877	16739.957	10.213	106.5	1.092	287		1.10
4	I23888	IA537STD-5	26-Jul-22	00:46:09	9.419	17840.250	16533.510	9.040	94.3	0.966	132		1.10
5	I23889	IA537STD-10	26-Jul-22	01:02:44	9.416	15981.821	15253.115	9.310	97.1	0.995	619		1.05
6	I23890	IA537STD-25	26-Jul-22	01:19:18	9.416	17614.566	15172.657	8.402	87.6	0.898	528		1.09
7	I23891	IA537STD-50	26-Jul-22	01:35:51	9.416	15523.022	16661.721	10.470	109.2	1.119	141		1.14
8	I23892	IA537STD-100	26-Jul-22	01:52:25	9.412	15063.803	14657.300	9.491	99.0	1.015	489		1.09
9	I23893	IA537STD-250	26-Jul-22	02:08:59	9.412	12142.486	11461.345	9.207	96.0	0.984	57		1.17

Compound name: M8PFOS
Response Factor: 1.02517
RRF SD: 0.0725529, % Relative SD: 7.07719
Response type: Internal Std (Ref 32), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

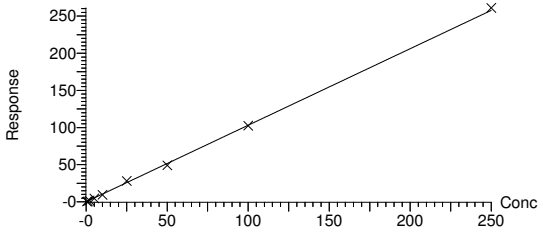
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2237198
Project Name	:	GROSSINGERS	Project Number	:	9313
Instrument ID	:	LCMS01	Ical Ref	:	ICAL19203
Calibration dates	:	07/25/22 23:54 07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: PFDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	10.011	26647.541	1124.884	0.409	81.9	0.844	7	4	1.09
2	I23886	IA537STD-1	26-Jul-22	00:13:04	9.995	27574.869	1899.068	0.668	66.8	0.689	27	217	1.57
3	I23887	IA537STD-2	26-Jul-22	00:29:36	10.0...	26537.893	4313.548	1.577	78.8	0.813	4	36388	1.24
4	I23888	IA537STD-5	26-Jul-22	00:46:09	10.0...	28839.768	13267.809	4.463	89.3	0.920	363567	134995	1.25
5	I23889	IA537STD-10	26-Jul-22	01:02:44	9.996	27781.281	26324.391	9.192	91.9	0.948	664497	515	1.21
6	I23890	IA537STD-25	26-Jul-22	01:19:18	9.996	28084.059	78554.000	27.133	108.5	1.119	2030	798	1.24
7	I23891	IA537STD-50	26-Jul-22	01:35:51	9.996	27814.027	136302.719	47.537	95.1	0.980	776	475	1.15
8	I23892	IA537STD-100	26-Jul-22	01:52:25	9.993	24486.852	250508.000	99.239	99.2	1.023	3602	5414	1.14
9	I23893	IA537STD-250	26-Jul-22	02:08:59	9.993	20431.533	533471.813	253.282	101.3	1.044	13020	520	1.21

Compound name: PFDA
Coefficient of Determination: R^2 = 0.998381
Calibration curve: 1.03088 * x
Response type: Internal Std (Ref 36), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

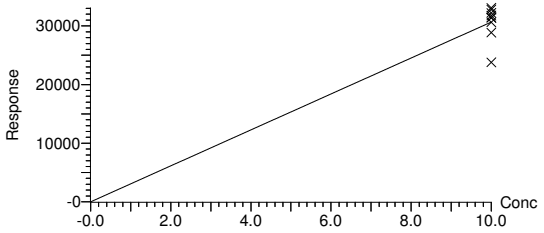
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2237198
Project Name	:	GROSSINGERS	Project Number	:	9313
Instrument ID	:	LCMS01	Ical Ref	:	ICAL19203
Calibration dates	:	07/25/22 23:54 07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: M2PFDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	10.0...		31769.338	10.360	103.6	3176.934	11001		1.14
2	I23886	IA537STD-1	26-Jul-22	00:13:04	9.999		31415.639	10.245	102.5	3141.564	12935		1.23
3	I23887	IA537STD-2	26-Jul-22	00:29:36	10.0...		32243.754	10.515	105.2	3224.375	5862		1.15
4	I23888	IA537STD-5	26-Jul-22	00:46:09	9.999		33083.676	10.789	107.9	3308.368	3248		1.25
5	I23889	IA537STD-10	26-Jul-22	01:02:44	9.996		32788.664	10.693	106.9	3278.866	11085		1.19
6	I23890	IA537STD-25	26-Jul-22	01:19:18	9.996		31400.635	10.240	102.4	3140.064	20854		1.22
7	I23891	IA537STD-50	26-Jul-22	01:35:51	9.996		30640.225	9.992	99.9	3064.023	9298		1.17
8	I23892	IA537STD-100	26-Jul-22	01:52:25	9.993		28859.861	9.412	94.1	2885.986	18483		1.15
9	I23893	IA537STD-250	26-Jul-22	02:08:59	9.993		23776.791	7.754	77.5	2377.679	2114		1.19

Compound name: M2PFDA
Response Factor: 3066.43
RRF SD: 286.974, % Relative SD: 9.35857
Response type: External Std, Area
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

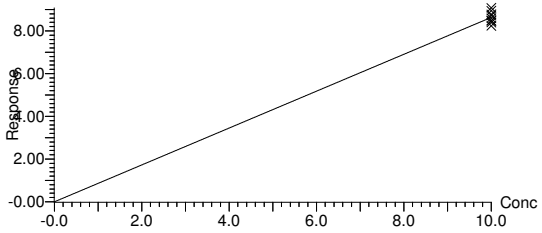
Client	: Soils Engineering Services, Inc.		Lab Number	: L2237198	
Project Name	: GROSSINGERS		Project Number	: 9313	
Instrument ID	: LCMS01		Ical Ref	: ICAL19203	
Calibration dates	: 07/25/22 23:54	07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: M6PFDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	10.0...	31769.338	26647.541	9.718	97.2	0.839	37		1.07
2	I23886	IA537STD-1	26-Jul-22	00:13:04	9.999	31415.639	27574.869	10.169	101.7	0.878	279		1.13
3	I23887	IA537STD-2	26-Jul-22	00:29:36	10.0...	32243.754	26537.893	9.535	95.4	0.823	2047		1.18
4	I23888	IA537STD-5	26-Jul-22	00:46:09	9.999	33083.676	28839.768	10.099	101.0	0.872	100		1.20
5	I23889	IA537STD-10	26-Jul-22	01:02:44	9.996	32788.664	27781.281	9.816	98.2	0.847	638588		1.15
6	I23890	IA537STD-25	26-Jul-22	01:19:18	9.996	31400.635	28084.059	10.362	103.6	0.894	76		1.16
7	I23891	IA537STD-50	26-Jul-22	01:35:51	9.997	30640.225	27814.027	10.517	105.2	0.908	335		1.24
8	I23892	IA537STD-100	26-Jul-22	01:52:25	9.993	28859.861	24486.852	9.830	98.3	0.848	138		1.14
9	I23893	IA537STD-250	26-Jul-22	02:08:59	9.993	23776.791	20431.533	9.955	99.6	0.859	229		1.21

Compound name: M6PFDA
Response Factor: 0.863166
RRF SD: 0.0272407, % Relative SD: 3.15591
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

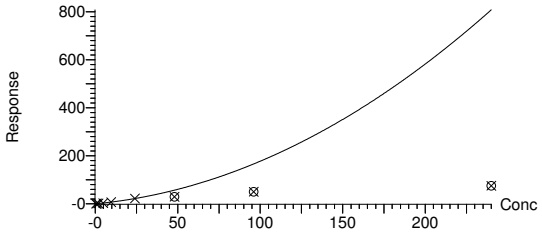
Client	: Soils Engineering Services, Inc.		Lab Number	: L2237198	
Project Name	: GROSSINGERS		Project Number	: 9313	
Instrument ID	: LCMS01		Ical Ref	: ICAL19203	
Calibration dates	: 07/25/22 23:54	07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: 8:2FTS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	10.0...	2923.823	84.142	0.430	89.6	0.576	2114	20	1.18
2	I23886	IA537STD-1	26-Jul-22	00:13:04	9.989	2844.591	215.811	1.120	116.7	0.759	35	129	1.17
3	I23887	IA537STD-2	26-Jul-22	00:29:36	9.990	2793.150	358.182	1.869	97.3	0.641	65	5948	1.36
4	I23888	IA537STD-5	26-Jul-22	00:46:09	9.989	2915.494	980.551	4.675	97.4	0.673	628	1658	1.23
5	I23889	IA537STD-10	26-Jul-22	01:02:44	9.987	2746.994	2068.096	9.670	100.7	0.753	453	37779	1.16
6	I23890	IA537STD-25	26-Jul-22	01:19:18	9.987	2786.844	6340.659	23.995	100.0	0.910	1562	1022	1.13
7	I23891	IA537STD-50	26-Jul-22	01:35:51	9.983	3729.552	11114.458	29.430	61.3	0.596	7555	2928	1.29
8	I23892	IA537STD-100	26-Jul-22	01:52:25	9.980	4081.296	21435.133	44.217	46.1	0.525	3222	6234	1.23
9	I23893	IA537STD-250	26-Jul-22	02:08:59	9.983	6123.701	47755.785	57.815	24.1	0.312	7216	9329	1.19

Compound name: 8:2FTS
Coefficient of Determination: R^2 = 0.999315
Calibration curve: 0.0113727 * x^2 + 0.637404 * x
Response type: Internal Std (Ref 38), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

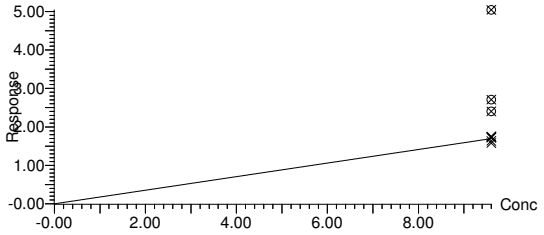
Client	: Soils Engineering Services, Inc.		Lab Number	: L2237198	
Project Name	: GROSSINGERS		Project Number	: 9313	
Instrument ID	: LCMS01		Ical Ref	: ICAL19203	
Calibration dates	: 07/25/22 23:54	07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: M2-8:2FTS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	9.997	16713.672	2923.823	9.910	103.2	0.182	65431		1.40
2	I23886	IA537STD-1	26-Jul-22	00:13:04	9.989	16379.509	2844.591	9.838	102.5	0.181	8		1.13
3	I23887	IA537STD-2	26-Jul-22	00:29:36	9.990	15987.877	2793.150	9.896	103.1	0.182	18		1.31
4	I23888	IA537STD-5	26-Jul-22	00:46:09	9.989	17840.250	2915.494	9.257	96.4	0.170	49		1.31
5	I23889	IA537STD-10	26-Jul-22	01:02:44	9.987	15981.821	2746.994	9.737	101.4	0.179	45		1.10
6	I23890	IA537STD-25	26-Jul-22	01:19:18	9.987	17614.566	2786.844	8.962	93.4	0.165	68083		1.10
7	I23891	IA537STD-50	26-Jul-22	01:35:51	9.983	15523.022	3729.552	13.610	141.8	0.250	40		1.10
8	I23892	IA537STD-100	26-Jul-22	01:52:25	9.983	15063.803	4081.296	15.348	159.9	0.282	251		1.05
9	I23893	IA537STD-250	26-Jul-22	02:08:59	9.980	12142.486	6123.701	28.568	297.6	0.525	61		1.32

Compound name: M2-8:2FTS
Response Factor: 0.176532
RRF SD: 0.00727709, % Relative SD: 4.12225
Response type: Internal Std (Ref 32), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

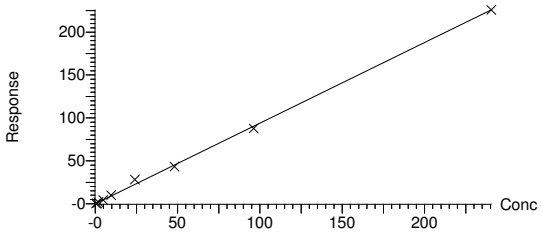
Client	: Soils Engineering Services, Inc.	Lab Number	: L2237198
Project Name	: GROSSINGERS	Project Number	: 9313
Instrument ID	: LCMS01	Ical Ref	: ICAL19203
Calibration dates	: 07/25/22 23:54 07/26/22 02:08		

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: PFNS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	10.0...	16946.209	526.375	0.317	65.9	0.619	16	7	0.84
2	I23886	IA537STD-1	26-Jul-22	00:13:04	10.0...	17271.336	948.333	0.561	58.3	0.547	33	55	1.08
3	I23887	IA537STD-2	26-Jul-22	00:29:36	10.0...	16739.957	3295.748	2.010	104.5	0.981	84727	37610	1.13
4	I23888	IA537STD-5	26-Jul-22	00:46:09	10.0...	16533.510	7923.509	4.894	101.7	0.955	193916	327	1.20
5	I23889	IA537STD-10	26-Jul-22	01:02:44	10.0...	15253.115	16156.473	10.816	112.4	1.056	1785	188822	1.10
6	I23890	IA537STD-25	26-Jul-22	01:19:18	10.0...	15172.657	44481.180	29.936	124.5	1.169	1895	160	1.19
7	I23891	IA537STD-50	26-Jul-22	01:35:51	10.0...	16661.721	75150.141	46.056	95.7	0.899	1728	533	1.15
8	I23892	IA537STD-100	26-Jul-22	01:52:25	10.0...	14657.300	134206.250	93.496	97.2	0.913	730	1619	1.19
9	I23893	IA537STD-250	26-Jul-22	02:08:59	10.0...	11461.345	269831.969	240.398	100.0	0.939	6078	2122	1.33

Compound name: PFNS
Coefficient of Determination: R^2 = 0.995572
Calibration curve: 0.939173 * x
Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/y, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

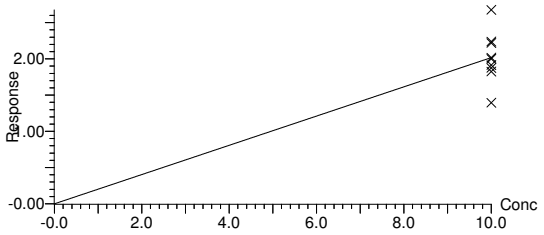
Client	: Soils Engineering Services, Inc.		Lab Number	: L2237198	
Project Name	: GROSSINGERS		Project Number	: 9313	
Instrument ID	: LCMS01		Ical Ref	: ICAL19203	
Calibration dates	: 07/25/22 23:54	07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: d3-NMeFOSAA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	10.4...	31769.338	5797.374	9.045	90.4	0.182	113761		1.12
2	I23886	IA537STD-1	26-Jul-22	00:13:04	10.4...	31415.639	6336.669	9.997	100.0	0.202	486		1.01
3	I23887	IA537STD-2	26-Jul-22	00:29:36	10.4...	32243.754	6045.468	9.293	92.9	0.187	167		1.07
4	I23888	IA537STD-5	26-Jul-22	00:46:09	10.4...	33083.676	4612.950	6.911	69.1	0.139	88598		1.05
5	I23889	IA537STD-10	26-Jul-22	01:02:44	10.4...	32788.664	6276.442	9.487	94.9	0.191	126228		1.17
6	I23890	IA537STD-25	26-Jul-22	01:19:18	10.4...	31400.635	7027.412	11.092	110.9	0.224	41		1.32
7	I23891	IA537STD-50	26-Jul-22	01:35:51	10.4...	30640.225	6129.597	9.915	99.2	0.200	125		1.09
8	I23892	IA537STD-100	26-Jul-22	01:52:25	10.3...	28859.861	6402.375	10.995	110.0	0.222	133154		1.31
9	I23893	IA537STD-250	26-Jul-22	02:08:59	10.4...	23776.791	6363.289	13.264	132.6	0.268	125595		1.14

Compound name: d3-NMeFOSAA
Response Factor: 0.201761
RRF SD: 0.0349947, % Relative SD: 17.3446
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

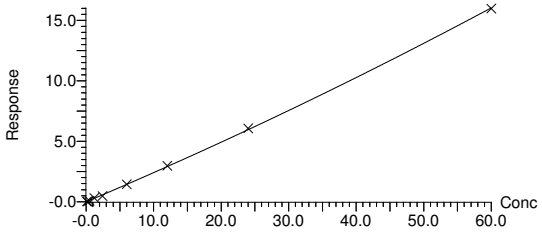
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2237198
Project Name	:	GROSSINGERS	Project Number	:	9313
Instrument ID	:	LCMS01	Ical Ref	:	ICAL19203
Calibration dates	:	07/25/22 23:54 07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: br-NMeFOSAA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	10.2...	5797.374	6.551	0.048	39.9	0.094	203	2	1.76
2	I23886	IA537STD-1	26-Jul-22	00:13:04	10.2...	6336.669	11.915	0.080	33.2	0.078	332	26	0.16
3	I23887	IA537STD-2	26-Jul-22	00:29:36	10.2...	6045.468	53.312	0.373	77.8	0.184	8	4	0.24
4	I23888	IA537STD-5	26-Jul-22	00:46:09	10.2...	4612.950	149.494	1.369	114.1	0.270	10	8	0.35
5	I23889	IA537STD-10	26-Jul-22	01:02:44	10.2...	6276.442	297.889	2.002	83.4	0.198	118	55	0.41
6	I23890	IA537STD-25	26-Jul-22	01:19:18	10.2...	7027.412	1014.895	6.039	100.6	0.241	352	55	0.36
7	I23891	IA537STD-50	26-Jul-22	01:35:51	10.2...	6129.597	1828.049	12.303	102.5	0.249	247	475	0.34
8	I23892	IA537STD-100	26-Jul-22	01:52:25	10.2...	6402.375	3885.245	24.400	101.7	0.253	303	597	0.34
9	I23893	IA537STD-250	26-Jul-22	02:08:59	10.2...	6363.289	10167.725	59.817	99.7	0.266	790	992	0.32

Compound name: br-NMeFOSAA
Coefficient of Determination: R^2 = 0.997701
Calibration curve: 0.000520135 * x^2 + 0.236011 * x
Response type: Internal Std (Ref 40), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

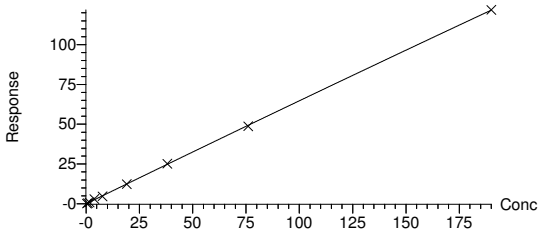
Client	: Soils Engineering Services, Inc.	Lab Number	: L2237198
Project Name	: GROSSINGERS	Project Number	: 9313
Instrument ID	: LCMS01	Ical Ref	: ICAL19203
Calibration dates	: 07/25/22 23:54 07/26/22 02:08		

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: L-NMeFOSAA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	10.4...	5797.374	117.036	0.308	81.1	0.531	2964	20	1.18
2	I23886	IA537STD-1	26-Jul-22	00:13:04	10.4...	6336.669	282.521	0.681	89.6	0.587	6331	271	1.25
3	I23887	IA537STD-2	26-Jul-22	00:29:36	10.4...	6045.468	553.217	1.397	91.9	0.602	70	35	1.22
4	I23888	IA537STD-5	26-Jul-22	00:46:09	10.4...	4612.950	1384.190	4.584	120.6	0.790	96	56	1.17
5	I23889	IA537STD-10	26-Jul-22	01:02:44	10.4...	6276.442	2939.866	7.157	94.2	0.616	1456	419	1.01
6	I23890	IA537STD-25	26-Jul-22	01:19:18	10.4...	7027.412	8690.793	18.923	99.6	0.651	3662	344	1.15
7	I23891	IA537STD-50	26-Jul-22	01:35:51	10.4...	6129.597	15469.379	38.705	101.9	0.664	2621	2988	1.09
8	I23892	IA537STD-100	26-Jul-22	01:52:25	10.4...	6402.375	31197.658	75.049	98.7	0.641	2826	3317	1.10
9	I23893	IA537STD-250	26-Jul-22	02:08:59	10.4...	6363.289	77548.375	190.256	100.1	0.641	7320	5397	1.20

Compound name: L-NMeFOSAA
Coefficient of Determination: R^2 = 0.999220
Calibration curve: -7.58517e-005 * x^2 + 0.654979 * x
Response type: Internal Std (Ref 40), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

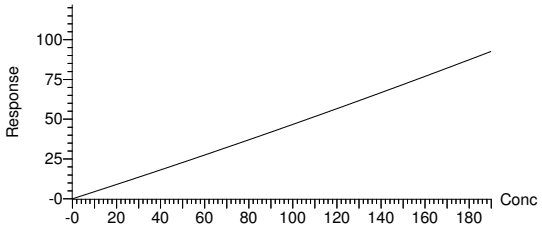
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2237198
Project Name	:	GROSSINGERS	Project Number	:	9313
Instrument ID	:	LCMS01	Ical Ref	:	ICAL19203
Calibration dates	:	07/25/22 23:54 07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: NMeFOSAA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30		5797.374	123.587	0.356					
2	I23886	IA537STD-1	26-Jul-22	00:13:04		6336.669	294.436	0.760					
3	I23887	IA537STD-2	26-Jul-22	00:29:36		6045.468	606.529	1.771					
4	I23888	IA537STD-5	26-Jul-22	00:46:09		4612.950	1533.684	5.953					
5	I23889	IA537STD-10	26-Jul-22	01:02:44		6276.442	3237.755	9.159					
6	I23890	IA537STD-25	26-Jul-22	01:19:18		7027.412	9705.688	24.962					
7	I23891	IA537STD-50	26-Jul-22	01:35:51		6129.597	17297.428	51.008					
8	I23892	IA537STD-100	26-Jul-22	01:52:25		6402.375	35082.903	99.449					
9	I23893	IA537STD-250	26-Jul-22	02:08:59		6363.289	87716.100	250.074					

Compound name: NMeFOSAA
Coefficient of Determination: 0.000000
Calibration curve: 0.445495 * x
Response type: Internal Std (Ref 40), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

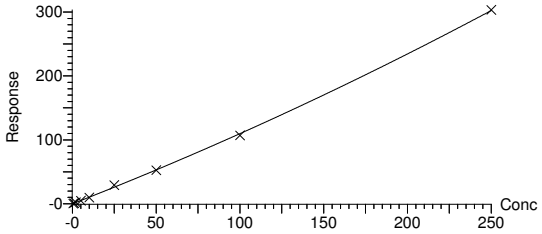
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2237198
Project Name	:	GROSSINGERS	Project Number	:	9313
Instrument ID	:	LCMS01	Ical Ref	:	ICAL19203
Calibration dates	:	07/25/22 23:54 07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: PFUnA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	10.5...	30111.215	1496.292	0.485	97.1	0.994	46	5	0.94
2	I23886	IA537STD-1	26-Jul-22	00:13:04	10.5...	26880.770	3211.670	1.167	116.7	1.195	411	8436	0.96
3	I23887	IA537STD-2	26-Jul-22	00:29:36	10.5...	28603.391	5914.427	2.018	100.9	1.034	150	58	1.02
4	I23888	IA537STD-5	26-Jul-22	00:46:09	10.5...	30239.371	14902.572	4.799	96.0	0.986	217887	356	1.00
5	I23889	IA537STD-10	26-Jul-22	01:02:44	10.5...	29904.025	28972.768	9.404	94.0	0.969	421921	250	1.07
6	I23890	IA537STD-25	26-Jul-22	01:19:18	10.5...	28284.320	82519.961	27.944	111.8	1.167	1189	222252	1.02
7	I23891	IA537STD-50	26-Jul-22	01:35:51	10.5...	26577.691	139522.359	49.518	99.0	1.050	1087	1541	1.08
8	I23892	IA537STD-100	26-Jul-22	01:52:25	10.5...	23121.932	246997.563	97.479	97.5	1.068	2544	1509	1.10
9	I23893	IA537STD-250	26-Jul-22	02:08:59	10.5...	17990.506	545778.813	250.717	100.3	1.213	12188	1483182	1.04

Compound name: PFUnA
Coefficient of Determination: R^2 = 0.999002
Calibration curve: 0.00074493 * x^2 + 1.02325 * x
Response type: Internal Std (Ref 45), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

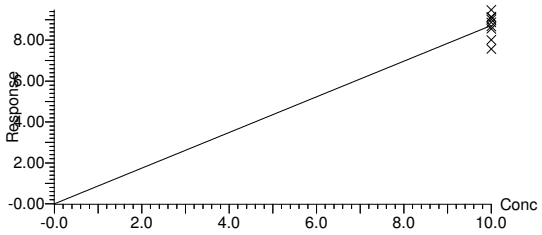
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2237198
Project Name	:	GROSSINGERS	Project Number	:	9313
Instrument ID	:	LCMS01	Ical Ref	:	ICAL19203
Calibration dates	:	07/25/22 23:54 07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: M7-PFUDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	10.5...	31769.338	30111.215	10.877	108.8	0.948	580924		1.12
2	I23886	IA537STD-1	26-Jul-22	00:13:04	10.5...	31415.639	26880.770	9.819	98.2	0.856	519297		0.98
3	I23887	IA537STD-2	26-Jul-22	00:29:36	10.5...	32243.754	28603.391	10.180	101.8	0.887	556104		0.97
4	I23888	IA537STD-5	26-Jul-22	00:46:09	10.5...	33083.676	30239.371	10.489	104.9	0.914	228		0.96
5	I23889	IA537STD-10	26-Jul-22	01:02:44	10.5...	32788.664	29904.025	10.466	104.7	0.912	2567		1.07
6	I23890	IA537STD-25	26-Jul-22	01:19:18	10.5...	31400.635	28284.320	10.337	103.4	0.901	554715		0.99
7	I23891	IA537STD-50	26-Jul-22	01:35:51	10.5...	30640.225	26577.691	9.954	99.5	0.867	4066		1.15
8	I23892	IA537STD-100	26-Jul-22	01:52:25	10.5...	28859.861	23121.932	9.194	91.9	0.801	309		1.13
9	I23893	IA537STD-250	26-Jul-22	02:08:59	10.5...	23776.791	17990.506	8.683	86.8	0.757	1382		1.19

Compound name: M7-PFUDA
Response Factor: 0.871399
RRF SD: 0.0599771, % Relative SD: 6.88285
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

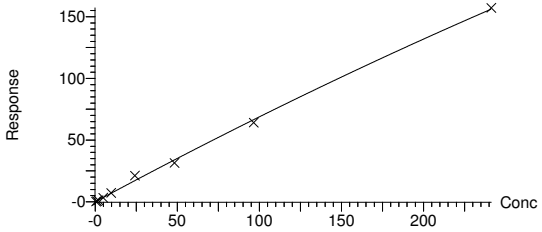
Client	: Soils Engineering Services, Inc.		Lab Number	: L2237198	
Project Name	: GROSSINGERS		Project Number	: 9313	
Instrument ID	: LCMS01		Ical Ref	: ICAL19203	
Calibration dates	: 07/25/22 23:54	07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: PFDS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	10.5...	16946.209	469.814	0.370	76.7	0.551	6982	1908	0.92
2	I23886	IA537STD-1	26-Jul-22	00:13:04	10.5...	17271.336	934.945	0.723	74.9	0.538	126	9	1.05
3	I23887	IA537STD-2	26-Jul-22	00:29:36	10.5...	16739.957	1905.776	1.521	78.8	0.566	53	20804	0.96
4	I23888	IA537STD-5	26-Jul-22	00:46:09	10.5...	16533.510	5771.686	4.671	96.8	0.694	201	16	0.96
5	I23889	IA537STD-10	26-Jul-22	01:02:44	10.5...	15253.115	11494.024	10.105	104.7	0.749	347	145	1.00
6	I23890	IA537STD-25	26-Jul-22	01:19:18	10.5...	15172.657	33619.758	29.957	124.2	0.881	480824	238914	1.10
7	I23891	IA537STD-50	26-Jul-22	01:35:51	10.5...	16661.721	54859.965	44.789	92.8	0.654	2125	938	1.07
8	I23892	IA537STD-100	26-Jul-22	01:52:25	10.5...	14657.300	98095.922	92.899	96.3	0.665	680	1443	1.07
9	I23893	IA537STD-250	26-Jul-22	02:08:59	10.5...	11461.345	187866.188	243.013	100.7	0.652	2963	3941	1.03

Compound name: PFDS
Coefficient of Determination: R^2 = 0.994689
Calibration curve: -0.00029334 * x^2 + 0.718134 * x
Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

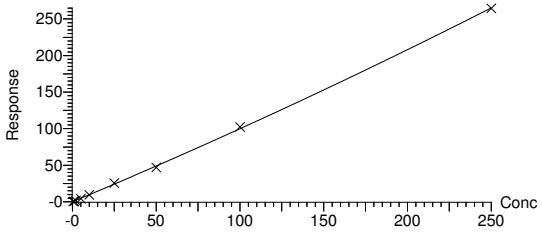
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2237198
Project Name	:	GROSSINGERS	Project Number	:	9313
Instrument ID	:	LCMS01	Ical Ref	:	ICAL19203
Calibration dates	:	07/25/22 23:54 07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: FOSA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	10.5...	44535.918	1955.515	0.458	91.6	0.878	27875		0.97
2	I23886	IA537STD-1	26-Jul-22	00:13:04	10.5...	45496.723	3112.538	0.713	71.3	0.684	12		1.06
3	I23887	IA537STD-2	26-Jul-22	00:29:36	10.5...	47504.941	7997.212	1.755	87.7	0.842	113307	9	1.01
4	I23888	IA537STD-5	26-Jul-22	00:46:09	10.5...	47116.953	19463.188	4.301	86.0	0.826	274045	70	1.11
5	I23889	IA537STD-10	26-Jul-22	01:02:44	10.5...	44245.164	42748.727	10.036	100.4	0.966	975	26	1.05
6	I23890	IA537STD-25	26-Jul-22	01:19:18	10.5...	44646.121	114915.305	26.550	106.2	1.030	1267	39244	1.10
7	I23891	IA537STD-50	26-Jul-22	01:35:51	10.5...	42809.324	200776.500	47.943	95.9	0.938	511	51242	1.07
8	I23892	IA537STD-100	26-Jul-22	01:52:25	10.5...	36706.965	375781.594	102.320	102.3	1.024	3742	112592	1.06
9	I23893	IA537STD-250	26-Jul-22	02:08:59	10.5...	29422.992	778419.250	249.405	99.8	1.058	8268	214557	1.04

Compound name: FOSA
Coefficient of Determination: R^2 = 0.999041
Calibration curve: 0.000409663 * x^2 + 0.958601 * x
Response type: Internal Std (Ref 48), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

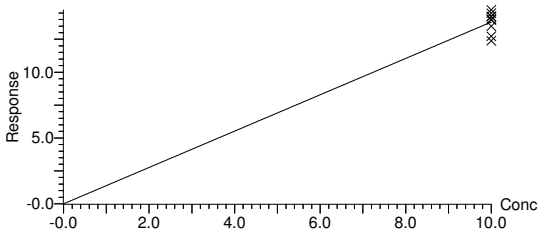
Client	: Soils Engineering Services, Inc.		Lab Number	: L2237198	
Project Name	: GROSSINGERS		Project Number	: 9313	
Instrument ID	: LCMS01		Ical Ref	: ICAL19203	
Calibration dates	: 07/25/22 23:54	07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: M8FOSA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	10.5...	31769.338	44535.918	10.154	101.5	1.402	833820		1.03
2	I23886	IA537STD-1	26-Jul-22	00:13:04	10.5...	31415.639	45496.723	10.490	104.9	1.448	860893		1.01
3	I23887	IA537STD-2	26-Jul-22	00:29:36	10.5...	32243.754	47504.941	10.672	106.7	1.473	972		1.07
4	I23888	IA537STD-5	26-Jul-22	00:46:09	10.5...	33083.676	47116.953	10.316	103.2	1.424	623		1.03
5	I23889	IA537STD-10	26-Jul-22	01:02:44	10.5...	32788.664	44245.164	9.774	97.7	1.349	996		1.19
6	I23890	IA537STD-25	26-Jul-22	01:19:18	10.5...	31400.635	44646.121	10.299	103.0	1.422	379		1.09
7	I23891	IA537STD-50	26-Jul-22	01:35:51	10.5...	30640.225	42809.324	10.120	101.2	1.397	797515		1.15
8	I23892	IA537STD-100	26-Jul-22	01:52:25	10.5...	28859.861	36706.965	9.213	92.1	1.272	1560		1.17
9	I23893	IA537STD-250	26-Jul-22	02:08:59	10.5...	23776.791	29422.992	8.963	89.6	1.237	518788		1.12

Compound name: M8FOSA
Response Factor: 1.38059
RRF SD: 0.0796602, % Relative SD: 5.77001
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

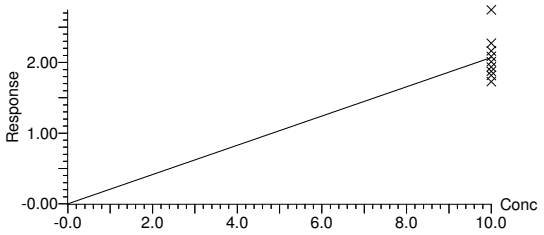
Client	: Soils Engineering Services, Inc.		Lab Number	: L2237198	
Project Name	: GROSSINGERS		Project Number	: 9313	
Instrument ID	: LCMS01		Ical Ref	: ICAL19203	
Calibration dates	: 07/25/22 23:54	07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: d5-NEtFOSAA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	10.7...	31769.338	5957.548	9.060	90.6	0.188	812		0.99
2	I23886	IA537STD-1	26-Jul-22	00:13:04	10.7...	31415.639	6547.906	10.070	100.7	0.208	60		0.94
3	I23887	IA537STD-2	26-Jul-22	00:29:36	10.7...	32243.754	6237.435	9.346	93.5	0.193	108851		1.02
4	I23888	IA537STD-5	26-Jul-22	00:46:09	10.7...	33083.676	6010.949	8.778	87.8	0.182	19		0.89
5	I23889	IA537STD-10	26-Jul-22	01:02:44	10.7...	32788.664	5667.333	8.351	83.5	0.173	433		0.91
6	I23890	IA537STD-25	26-Jul-22	01:19:18	10.7...	31400.635	7139.343	10.984	109.8	0.227	124021		0.98
7	I23891	IA537STD-50	26-Jul-22	01:35:51	10.7...	30640.225	6155.223	9.705	97.1	0.201	107703		0.91
8	I23892	IA537STD-100	26-Jul-22	01:52:25	10.7...	28859.861	6241.954	10.449	104.5	0.216	24		0.97
9	I23893	IA537STD-250	26-Jul-22	02:08:59	10.7...	23776.791	6524.437	13.257	132.6	0.274	209		1.02

Compound name: d5-NEtFOSAA
Response Factor: 0.206986
RRF SD: 0.030524, % Relative SD: 14.7469
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

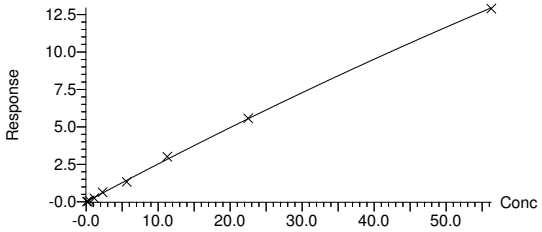
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2237198
Project Name	:	GROSSINGERS	Project Number	:	9313
Instrument ID	:	LCMS01	Ical Ref	:	ICAL19203
Calibration dates	:	07/25/22 23:54 07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: br-NEtFOSAA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	10.5...	5957.548	4.935	0.032	28.6	0.074	2	3	0.82
2	I23886	IA537STD-1	26-Jul-22	00:13:04	10.5...	6547.906	12.839	0.076	33.9	0.087	1	2	0.39
3	I23887	IA537STD-2	26-Jul-22	00:29:36	10.5...	6237.435	54.762	0.341	75.9	0.195	8	7	0.32
4	I23888	IA537STD-5	26-Jul-22	00:46:09	10.5...	6010.949	142.853	0.925	82.2	0.211	49	2514	0.38
5	I23889	IA537STD-10	26-Jul-22	01:02:44	10.5...	5667.333	362.951	2.501	111.1	0.285	3666	19	0.42
6	I23890	IA537STD-25	26-Jul-22	01:19:18	10.5...	7139.343	953.658	5.243	93.2	0.237	45	101	0.36
7	I23891	IA537STD-50	26-Jul-22	01:35:51	10.5...	6155.223	1852.491	11.967	106.4	0.268	63	125	0.43
8	I23892	IA537STD-100	26-Jul-22	01:52:25	10.5...	6241.954	3482.129	22.646	100.7	0.248	205	603	0.41
9	I23893	IA537STD-250	26-Jul-22	02:08:59	10.5...	6524.437	8417.246	56.050	99.6	0.229	800	810	0.40

Compound name: br-NEtFOSAA
Coefficient of Determination: R^2 = 0.996257
Calibration curve: -0.000483922 * x^2 + 0.257294 * x
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

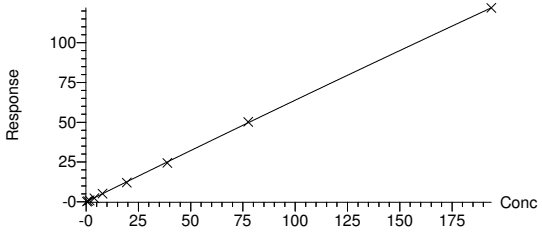
Client	: Soils Engineering Services, Inc.	Lab Number	: L2237198
Project Name	: GROSSINGERS	Project Number	: 9313
Instrument ID	: LCMS01	Ical Ref	: ICAL19203
Calibration dates	: 07/25/22 23:54 07/26/22 02:08		

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: L-NEtFOSAA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	10.7...	5957.548	116.395	0.301	77.7	0.504	49	28	0.84
2	I23886	IA537STD-1	26-Jul-22	00:13:04	10.7...	6547.906	248.616	0.585	75.5	0.490	16	27	0.99
3	I23887	IA537STD-2	26-Jul-22	00:29:36	10.7...	6237.435	555.333	1.372	88.5	0.574	122	70	0.95
4	I23888	IA537STD-5	26-Jul-22	00:46:09	10.7...	6010.949	1323.131	3.393	87.6	0.568	856	24077	0.96
5	I23889	IA537STD-10	26-Jul-22	01:02:44	10.7...	5667.333	2939.382	8.000	103.2	0.669	60272	189	0.96
6	I23890	IA537STD-25	26-Jul-22	01:19:18	10.7...	7139.343	8599.974	18.612	96.1	0.622	825	1067	0.96
7	I23891	IA537STD-50	26-Jul-22	01:35:51	10.7...	6155.223	15021.796	37.823	97.6	0.630	1055	1138	1.00
8	I23892	IA537STD-100	26-Jul-22	01:52:25	10.7...	6241.954	31383.059	78.427	101.2	0.649	3819	6217	0.97
9	I23893	IA537STD-250	26-Jul-22	02:08:59	10.7...	6524.437	79498.461	193.643	99.9	0.629	17211	10070	0.95

Compound name: L-NEtFOSAA
Coefficient of Determination: R^2 = 0.999915
Calibration curve: -0.000102733 * x^2 + 0.649131 * x
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: Null, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

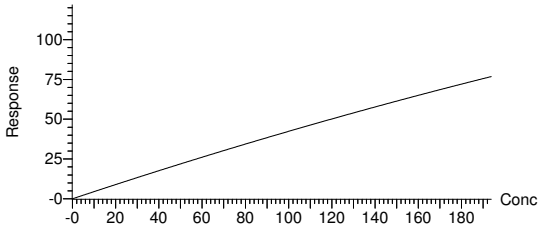
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2237198
Project Name	:	GROSSINGERS	Project Number	:	9313
Instrument ID	:	LCMS01	Ical Ref	:	ICAL19203
Calibration dates	:	07/25/22 23:54 07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: NEtFOSAA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30		5957.548	121.330	0.333					
2	I23886	IA537STD-1	26-Jul-22	00:13:04		6547.906	261.455	0.661					
3	I23887	IA537STD-2	26-Jul-22	00:29:36		6237.435	610.095	1.713					
4	I23888	IA537STD-5	26-Jul-22	00:46:09		6010.949	1465.984	4.318					
5	I23889	IA537STD-10	26-Jul-22	01:02:44		5667.333	3302.333	10.501					
6	I23890	IA537STD-25	26-Jul-22	01:19:18		7139.343	9553.632	23.855					
7	I23891	IA537STD-50	26-Jul-22	01:35:51		6155.223	16874.287	49.789					
8	I23892	IA537STD-100	26-Jul-22	01:52:25		6241.954	34865.188	101.074					
9	I23893	IA537STD-250	26-Jul-22	02:08:59		6524.437	87915.707	249.693					

Compound name: NEtFOSAA
Coefficient of Determination: 0.000000
Calibration curve: 0.453213 * x
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

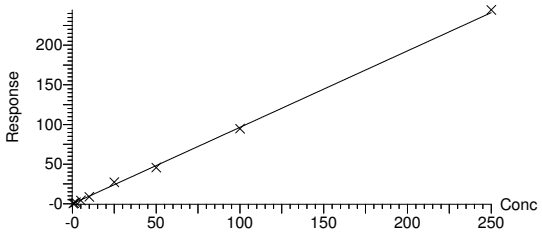
Client	: Soils Engineering Services, Inc.		Lab Number	: L2237198	
Project Name	: GROSSINGERS		Project Number	: 9313	
Instrument ID	: LCMS01		Ical Ref	: ICAL19203	
Calibration dates	: 07/25/22 23:54	07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: PFDoA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	11.044	31583.156	1344.977	0.442	88.3	0.852	23	2839	0.96
2	I23886	IA537STD-1	26-Jul-22	00:13:04	11.032	33250.309	2664.628	0.831	83.1	0.801	47	5244	0.89
3	I23887	IA537STD-2	26-Jul-22	00:29:36	11.035	32221.117	6059.168	1.950	97.5	0.940	136	202	1.02
4	I23888	IA537STD-5	26-Jul-22	00:46:09	11.032	34736.316	15055.144	4.495	89.9	0.867	38	16	1.07
5	I23889	IA537STD-10	26-Jul-22	01:02:44	11.025	34495.395	30758.961	9.248	92.5	0.892	129	60	1.06
6	I23890	IA537STD-25	26-Jul-22	01:19:18	11.032	31337.488	85168.977	28.188	112.8	1.087	726	352	0.98
7	I23891	IA537STD-50	26-Jul-22	01:35:51	11.029	32125.768	146706.953	47.364	94.7	0.913	2370	338	1.01
8	I23892	IA537STD-100	26-Jul-22	01:52:25	11.022	28250.326	267235.250	98.112	98.1	0.946	3608	1763	1.05
9	I23893	IA537STD-250	26-Jul-22	02:08:59	11.025	25712.900	628771.250	253.626	101.5	0.978	7906	580	1.01

Compound name: PFDoA
Coefficient of Determination: R^2 = 0.998223
Calibration curve: 0.964159 * x
Response type: Internal Std (Ref 54), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/y, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

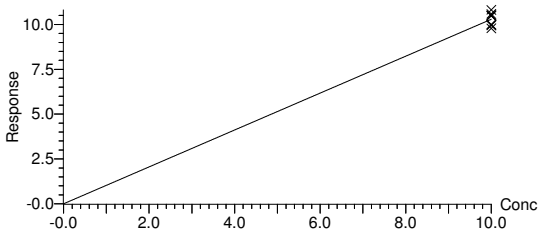
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2237198
Project Name	:	GROSSINGERS	Project Number	:	9313
Instrument ID	:	LCMS01	Ical Ref	:	ICAL19203
Calibration dates	:	07/25/22 23:54 07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: MPFDOA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	11.044	31769.338	31583.156	9.662	96.6	0.994	146		1.10
2	I23886	IA537STD-1	26-Jul-22	00:13:04	11.032	31415.639	33250.309	10.286	102.9	1.058	2628		1.00
3	I23887	IA537STD-2	26-Jul-22	00:29:36	11.035	32243.754	32221.117	9.712	97.1	0.999	789392		0.99
4	I23888	IA537STD-5	26-Jul-22	00:46:09	11.032	33083.676	34736.316	10.204	102.0	1.050	497		1.00
5	I23889	IA537STD-10	26-Jul-22	01:02:44	11.029	32788.664	34495.395	10.224	102.2	1.052	163		0.97
6	I23890	IA537STD-25	26-Jul-22	01:19:18	11.032	31400.635	31337.488	9.699	97.0	0.998	658		1.03
7	I23891	IA537STD-50	26-Jul-22	01:35:51	11.029	30640.225	32125.768	10.190	101.9	1.048	846		1.01
8	I23892	IA537STD-100	26-Jul-22	01:52:25	11.022	28859.861	28250.326	9.513	95.1	0.979	200		1.07
9	I23893	IA537STD-250	26-Jul-22	02:08:59	11.025	23776.791	25712.900	10.510	105.1	1.081	600147		0.98

Compound name: MPFDOA
Response Factor: 1.02896
RRF SD: 0.0362877, % Relative SD: 3.52664
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

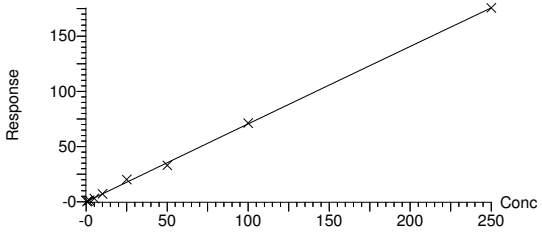
Client	: Soils Engineering Services, Inc.	Lab Number	: L2237198
Project Name	: GROSSINGERS	Project Number	: 9313
Instrument ID	: LCMS01	Ical Ref	: ICAL19203
Calibration dates	: 07/25/22 23:54 07/26/22 02:08		

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: PFTrDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	11.479	25529.841	776.750	0.430	86.0	0.609	11	15	0.86
2	I23886	IA537STD-1	26-Jul-22	00:13:04	11.460	25355.019	1451.251	0.809	80.9	0.572	125	2	0.83
3	I23887	IA537STD-2	26-Jul-22	00:29:36	11.460	25186.760	3051.674	1.712	85.6	0.606	6	27	1.15
4	I23888	IA537STD-5	26-Jul-22	00:46:09	11.465	26794.627	8260.583	4.355	87.1	0.617	189	35	0.87
5	I23889	IA537STD-10	26-Jul-22	01:02:44	11.451	26624.259	19054.988	10.113	101.1	0.716	355	48	1.04
6	I23890	IA537STD-25	26-Jul-22	01:19:18	11.458	25129.475	50595.219	28.465	113.9	0.805	451	176	1.14
7	I23891	IA537STD-50	26-Jul-22	01:35:51	11.455	25157.228	83119.148	46.738	93.5	0.661	2092	155	1.04
8	I23892	IA537STD-100	26-Jul-22	01:52:25	11.448	21324.186	151895.016	100.937	100.9	0.712	384	924	1.25
9	I23893	IA537STD-250	26-Jul-22	02:08:59	11.448	19128.358	335803.969	249.943	100.0	0.702	2351	285	1.18

Compound name: PFTrDA
Coefficient of Determination: R^2 = 0.997931
Calibration curve: -2.23336e-005 * x^2 + 0.707955 * x
Response type: Internal Std (Ref Multiple), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

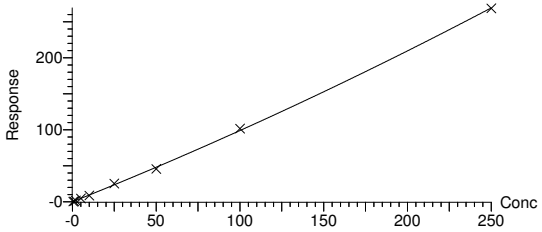
Client	: Soils Engineering Services, Inc.		Lab Number	: L2237198	
Project Name	: GROSSINGERS		Project Number	: 9313	
Instrument ID	: LCMS01		Ical Ref	: ICAL19203	
Calibration dates	: 07/25/22 23:54	07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: PFTA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	11.850	19476.527	728.113	0.401	80.2	0.748	15290	2582	1.26
2	I23886	IA537STD-1	26-Jul-22	00:13:04	11.832	17459.729	1228.645	0.755	75.5	0.704	27211	1186	1.00
3	I23887	IA537STD-2	26-Jul-22	00:29:36	11.837	18152.404	2984.572	1.763	88.1	0.822	68130	18	0.88
4	I23888	IA537STD-5	26-Jul-22	00:46:09	11.837	18852.939	8934.654	5.070	101.4	0.948	166	15589	1.00
5	I23889	IA537STD-10	26-Jul-22	01:02:44	11.828	18753.123	16437.494	9.353	93.5	0.877	646	37986	1.10
6	I23890	IA537STD-25	26-Jul-22	01:19:18	11.832	18921.461	47719.246	26.623	106.5	1.009	1009	156289	1.07
7	I23891	IA537STD-50	26-Jul-22	01:35:51	11.828	18188.688	82966.547	47.538	95.1	0.912	690	260204	1.08
8	I23892	IA537STD-100	26-Jul-22	01:52:25	11.823	14398.045	146421.625	102.546	102.5	1.017	3836	5090	1.10
9	I23893	IA537STD-250	26-Jul-22	02:08:59	11.819	12543.815	337145.875	249.418	99.8	1.075	2874	745	1.16

Compound name: PFTA
Coefficient of Determination: R^2 = 0.999077
Calibration curve: 0.00058486 * x^2 + 0.931734 * x
Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

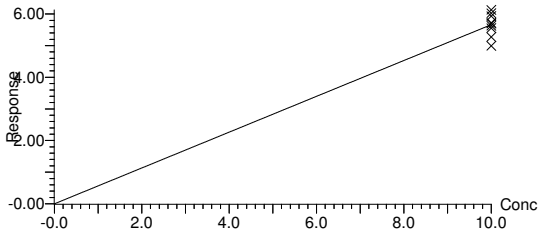
Client	: Soils Engineering Services, Inc.		Lab Number	: L2237198	
Project Name	: GROSSINGERS		Project Number	: 9313	
Instrument ID	: LCMS01		Ical Ref	: ICAL19203	
Calibration dates	: 07/25/22 23:54	07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: M2PFTEDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	11.845	31769.338	19476.527	10.827	108.3	0.613	433508		1.17
2	I23886	IA537STD-1	26-Jul-22	00:13:04	11.832	31415.639	17459.729	9.815	98.1	0.556	95		0.99
3	I23887	IA537STD-2	26-Jul-22	00:29:36	11.837	32243.754	18152.404	9.942	99.4	0.563	406234		0.96
4	I23888	IA537STD-5	26-Jul-22	00:46:09	11.837	33083.676	18852.939	10.064	100.6	0.570	630		1.04
5	I23889	IA537STD-10	26-Jul-22	01:02:44	11.828	32788.664	18753.123	10.100	101.0	0.572	654		1.12
6	I23890	IA537STD-25	26-Jul-22	01:19:18	11.832	31400.635	18921.461	10.642	106.4	0.603	277		1.06
7	I23891	IA537STD-50	26-Jul-22	01:35:51	11.828	30640.225	18188.688	10.483	104.8	0.594	399167		1.11
8	I23892	IA537STD-100	26-Jul-22	01:52:25	11.823	28859.861	14398.045	8.810	88.1	0.499	319631		1.06
9	I23893	IA537STD-250	26-Jul-22	02:08:59	11.819	23776.791	12543.815	9.317	93.2	0.528	196		1.22

Compound name: M2PFTEDA
Response Factor: 0.566251
RRF SD: 0.0361587, % Relative SD: 6.38563
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

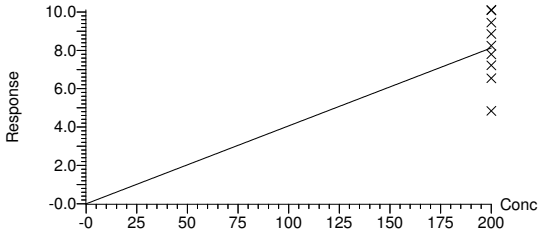
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2237198
Project Name	:	GROSSINGERS	Project Number	:	9313
Instrument ID	:	LCMS01	Ical Ref	:	ICAL19203
Calibration dates	:	07/25/22 23:54 07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: M3HFPO-DA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	6.847	42590.730	40217.234	232.425	116.2	0.047	2802		0.97
2	I23886	IA537STD-1	26-Jul-22	00:13:04	6.840	39789.082	40222.977	248.826	124.4	0.051	5593		0.98
3	I23887	IA537STD-2	26-Jul-22	00:29:36	6.839	41422.008	36674.953	217.934	109.0	0.044	1356		0.96
4	I23888	IA537STD-5	26-Jul-22	00:46:09	6.836	43420.129	35819.789	203.057	101.5	0.041	2527		0.98
5	I23889	IA537STD-10	26-Jul-22	01:02:44	6.831	41458.664	41785.285	248.081	124.0	0.050	5687		0.98
6	I23890	IA537STD-25	26-Jul-22	01:19:18	6.831	44683.723	34833.516	191.882	95.9	0.039	411		1.00
7	I23891	IA537STD-50	26-Jul-22	01:35:51	6.823	44823.180	32345.391	177.622	88.8	0.036	1063		1.00
8	I23892	IA537STD-100	26-Jul-22	01:52:25	6.823	41830.828	27371.914	161.063	80.5	0.033	1915		0.99
9	I23893	IA537STD-250	26-Jul-22	02:08:59	6.815	35450.852	17155.035	119.111	59.6	0.024	874		1.03

Compound name: M3HFPO-DA
Response Factor: 0.0406269
RRF SD: 0.00870879, % Relative SD: 21.436
Response type: Internal Std (Ref 23), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

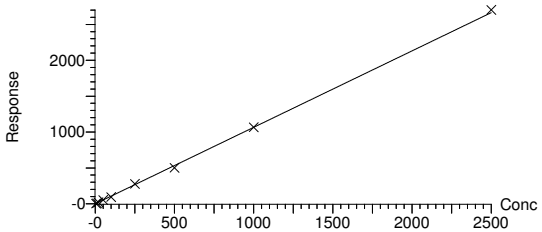
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2237198
Project Name	:	GROSSINGERS	Project Number	:	9313
Instrument ID	:	LCMS01	Ical Ref	:	ICAL19203
Calibration dates	:	07/25/22 23:54 07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: HFPO-DA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	6.847	40217.234	950.902	4.437	88.7	0.946	8622	3	0.94
2	I23886	IA537STD-1	26-Jul-22	00:13:04	6.844	40222.977	1502.627	7.011	70.1	0.747	194	4	0.93
3	I23887	IA537STD-2	26-Jul-22	00:29:36	6.839	36674.953	3440.187	17.603	88.0	0.938	555	28	0.96
4	I23888	IA537STD-5	26-Jul-22	00:46:09	6.836	35819.789	9475.258	49.642	99.3	1.058	319	26	0.98
5	I23889	IA537STD-10	26-Jul-22	01:02:44	6.831	41785.285	19482.068	87.497	87.5	0.932	1426	211	0.98
6	I23890	IA537STD-25	26-Jul-22	01:19:18	6.834	34833.516	48447.801	261.009	104.4	1.113	20661	2788	0.96
7	I23891	IA537STD-50	26-Jul-22	01:35:51	6.823	32345.391	81083.031	470.432	94.1	1.003	4819	68283	1.00
8	I23892	IA537STD-100	26-Jul-22	01:52:25	6.823	27371.914	146028.125	1001.176	100.1	1.067	5037	2749	1.02
9	I23893	IA537STD-250	26-Jul-22	02:08:59	6.815	17155.035	231843.422	2536.193	101.4	1.081	773	2873	1.05

Compound name: HFPO-DA
Coefficient of Determination: R^2 = 0.998693
Calibration curve: 1.06574 * x
Response type: Internal Std (Ref 58), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

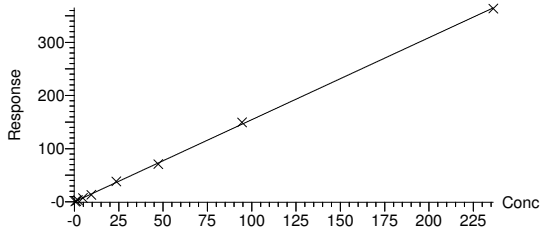
Client	: Soils Engineering Services, Inc.		Lab Number	: L2237198	
Project Name	: GROSSINGERS		Project Number	: 9313	
Instrument ID	: LCMS01		Ical Ref	: ICAL19203	
Calibration dates	: 07/25/22 23:54	07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: ADONA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	7.851	40625.063	2716.617	0.433	91.6	1.415	319	43	1.11
2	I23886	IA537STD-1	26-Jul-22	00:13:04	7.844	40630.441	5460.959	0.870	92.1	1.422	408	7	1.01
3	I23887	IA537STD-2	26-Jul-22	00:29:36	7.841	38896.156	11484.879	1.912	101.2	1.562	738	30	1.06
4	I23888	IA537STD-5	26-Jul-22	00:46:09	7.840	40007.082	28623.445	4.633	98.1	1.514	1303	12	1.05
5	I23889	IA537STD-10	26-Jul-22	01:02:44	7.832	44072.551	57994.543	8.521	90.2	1.392	3587	38296	1.05
6	I23890	IA537STD-25	26-Jul-22	01:19:18	7.835	44393.574	169935.031	24.788	104.9	1.620	2925	622	1.08
7	I23891	IA537STD-50	26-Jul-22	01:35:51	7.829	41732.668	295401.281	45.836	97.0	1.498	13184	793	1.09
8	I23892	IA537STD-100	26-Jul-22	01:52:25	7.829	38749.652	578775.563	96.719	102.3	1.581	16802	1005	1.09
9	I23893	IA537STD-250	26-Jul-22	02:08:59	7.826	34520.824	1254899.000	235.395	99.6	1.539	26267	1931	1.15

Compound name: ADONA
Coefficient of Determination: R^2 = 0.999358
Calibration curve: 1.54429 * x
Response type: Internal Std (Ref 22), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

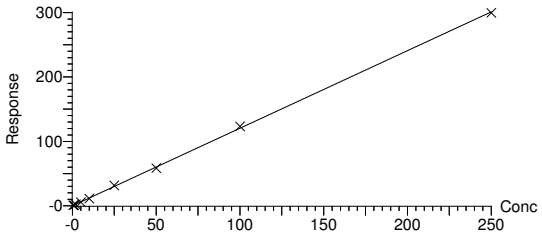
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2237198
Project Name	:	GROSSINGERS	Project Number	:	9313
Instrument ID	:	LCMS01	Ical Ref	:	ICAL19203
Calibration dates	:	07/25/22 23:54 07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: PFHxDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	12.4...	21094.811	1359.916	0.535	107.1	1.289	667	97	1.02
2	I23886	IA537STD-1	26-Jul-22	00:13:04	12.4...	19551.758	2317.203	0.984	98.4	1.185	981	188	1.00
3	I23887	IA537STD-2	26-Jul-22	00:29:36	12.4...	19392.244	4435.200	1.900	95.0	1.144	3016	143	1.06
4	I23888	IA537STD-5	26-Jul-22	00:46:09	12.4...	20968.004	11478.953	4.547	90.9	1.095	4733	463	1.00
5	I23889	IA537STD-10	26-Jul-22	01:02:44	12.4...	20272.277	22613.434	9.264	92.6	1.115	14944	3579	1.01
6	I23890	IA537STD-25	26-Jul-22	01:19:18	12.4...	20705.678	65698.711	26.353	105.4	1.269	19980	1801	1.05
7	I23891	IA537STD-50	26-Jul-22	01:35:51	12.4...	19230.004	112481.359	48.580	97.2	1.170	22911	4943	1.04
8	I23892	IA537STD-100	26-Jul-22	01:52:25	12.4...	15605.059	192458.797	102.430	102.4	1.233	49441	15014	1.08
9	I23893	IA537STD-250	26-Jul-22	02:08:59	12.4...	14323.304	429264.281	248.907	99.6	1.199	121209	13949	1.08

Compound name: PFHxDA
Coefficient of Determination: R^2 = 0.999338
Calibration curve: 1.20405 * x
Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

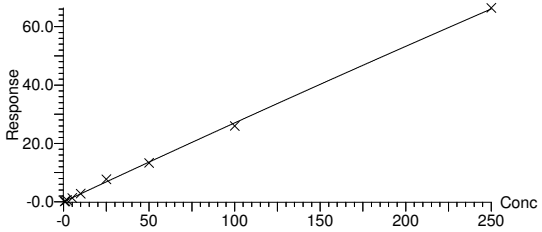
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2237198
Project Name	:	GROSSINGERS	Project Number	:	9313
Instrument ID	:	LCMS01	Ical Ref	:	ICAL19203
Calibration dates	:	07/25/22 23:54 07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: PFODA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	12.7...	21094.811	248.417	0.429	85.9	0.236	94	5	1.04
2	I23886	IA537STD-1	26-Jul-22	00:13:04	12.7...	19551.758	454.814	0.848	84.8	0.233	111	24	1.16
3	I23887	IA537STD-2	26-Jul-22	00:29:36	12.7...	19392.244	1162.085	2.185	109.3	0.300	636	545	1.11
4	I23888	IA537STD-5	26-Jul-22	00:46:09	12.7...	20968.004	2791.072	4.856	97.1	0.266	844	154	0.99
5	I23889	IA537STD-10	26-Jul-22	01:02:44	12.7...	20272.277	5675.838	10.223	102.2	0.280	1735	41	1.11
6	I23890	IA537STD-25	26-Jul-22	01:19:18	12.7...	20705.678	16059.014	28.394	113.6	0.310	4681	31	1.03
7	I23891	IA537STD-50	26-Jul-22	01:35:51	12.7...	19230.004	25625.346	48.933	97.9	0.267	6346	213	1.00
8	I23892	IA537STD-100	26-Jul-22	01:52:25	12.7...	15605.059	40589.742	96.182	96.2	0.260	7751	507	1.11
9	I23893	IA537STD-250	26-Jul-22	02:08:59	12.7...	14323.304	95160.805	251.457	100.6	0.266	27062	559	1.00

Compound name: PFODA
Coefficient of Determination: R^2 = 0.998310
Calibration curve: -4.00601e-005 * x^2 + 0.274285 * x
Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

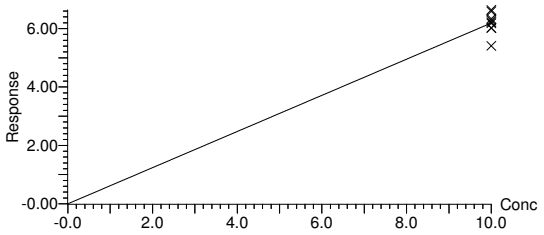
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2237198
Project Name	:	GROSSINGERS	Project Number	:	9313
Instrument ID	:	LCMS01	Ical Ref	:	ICAL19203
Calibration dates	:	07/25/22 23:54 07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: M2PFHxDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	12.4...	31769.338	21094.811	10.729	107.3	0.664	8032		0.99
2	I23886	IA537STD-1	26-Jul-22	00:13:04	12.4...	31415.639	19551.758	10.056	100.6	0.622	8622		1.08
3	I23887	IA537STD-2	26-Jul-22	00:29:36	12.4...	32243.754	19392.244	9.718	97.2	0.601	12135		1.04
4	I23888	IA537STD-5	26-Jul-22	00:46:09	12.4...	33083.676	20968.004	10.241	102.4	0.634	6330		1.06
5	I23889	IA537STD-10	26-Jul-22	01:02:44	12.4...	32788.664	20272.277	9.990	99.9	0.618	9176		0.97
6	I23890	IA537STD-25	26-Jul-22	01:19:18	12.4...	31400.635	20705.678	10.655	106.5	0.659	5922		1.03
7	I23891	IA537STD-50	26-Jul-22	01:35:51	12.4...	30640.225	19230.004	10.141	101.4	0.628	12162		1.02
8	I23892	IA537STD-100	26-Jul-22	01:52:25	12.4...	28859.861	15605.059	8.737	87.4	0.541	14640		1.05
9	I23893	IA537STD-250	26-Jul-22	02:08:59	12.4...	23776.791	14323.304	9.734	97.3	0.602	5076		1.05

Compound name: M2PFHxDA
Response Factor: 0.618886
RRF SD: 0.0365272, % Relative SD: 5.90209
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

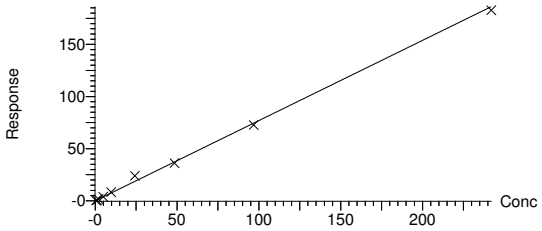
Client	: Soils Engineering Services, Inc.	Lab Number	: L2237198
Project Name	: GROSSINGERS	Project Number	: 9313
Instrument ID	: LCMS01	Ical Ref	: ICAL19203
Calibration dates	: 07/25/22 23:54 07/26/22 02:08		

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: PFDoS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	11.465	16946.209	445.676	0.328	67.7	0.521	71	7	1.01
2	I23886	IA537STD-1	26-Jul-22	00:13:04	11.448	17271.336	1016.070	0.733	75.7	0.583	34	17	1.07
3	I23887	IA537STD-2	26-Jul-22	00:29:36	11.451	16739.957	2648.429	1.972	101.9	0.784	83	31327	1.05
4	I23888	IA537STD-5	26-Jul-22	00:46:09	11.451	16533.510	6868.946	5.178	107.0	0.823	186	105	1.20
5	I23889	IA537STD-10	26-Jul-22	01:02:44	11.441	15253.115	13118.477	10.719	110.7	0.852	796	1041	1.10
6	I23890	IA537STD-25	26-Jul-22	01:19:18	11.448	15172.657	37993.820	31.210	129.0	0.992	2600	1136	1.16
7	I23891	IA537STD-50	26-Jul-22	01:35:51	11.446	16661.721	62705.617	46.906	96.9	0.746	179	475	1.12
8	I23892	IA537STD-100	26-Jul-22	01:52:25	11.441	14657.300	111254.875	94.603	97.7	0.752	577	769	1.14
9	I23893	IA537STD-250	26-Jul-22	02:08:59	11.439	11461.345	218548.219	237.658	98.2	0.756	16066	1966	1.20

Compound name: PFDoS
Coefficient of Determination: R^2 = 0.994062
Calibration curve: 0.769444 * x
Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

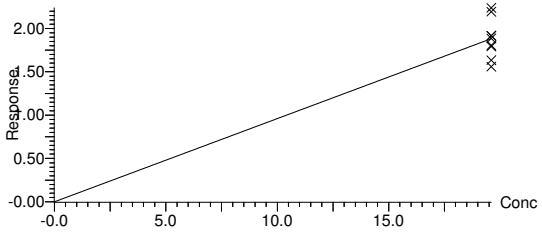
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2237198
Project Name	:	GROSSINGERS	Project Number	:	9313
Instrument ID	:	LCMS01	Ical Ref	:	ICAL19203
Calibration dates	:	07/25/22 23:54 07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: M2D4-10:2FTS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	11.048	16713.672	3204.244	19.962	101.8	0.098	51		1.04
2	I23886	IA537STD-1	26-Jul-22	00:13:04	11.036	16379.509	3593.320	22.843	116.5	0.112	397		1.18
3	I23887	IA537STD-2	26-Jul-22	00:29:36	11.039	15987.877	3578.380	23.305	118.9	0.114	147		0.95
4	I23888	IA537STD-5	26-Jul-22	00:46:09	11.036	17840.250	2914.783	17.012	86.8	0.083	1235		1.06
5	I23889	IA537STD-10	26-Jul-22	01:02:44	11.033	15981.821	2864.841	18.665	95.2	0.091	26		0.98
6	I23890	IA537STD-25	26-Jul-22	01:19:18	11.036	17614.566	3375.944	19.956	101.8	0.098	51		0.91
7	I23891	IA537STD-50	26-Jul-22	01:35:51	11.036	15523.022	2419.388	16.229	82.8	0.080	158		0.85
8	I23892	IA537STD-100	26-Jul-22	01:52:25	11.030	15063.803	2719.439	18.797	95.9	0.092	64202		0.90
9	I23893	IA537STD-250	26-Jul-22	02:08:59	11.026	12142.486	2289.393	19.632	100.2	0.096	17		1.22

Compound name: M2D4-10:2FTS
Response Factor: 0.0960395
RRF SD: 0.0115022, % Relative SD: 11.9765
Response type: Internal Std (Ref 32), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

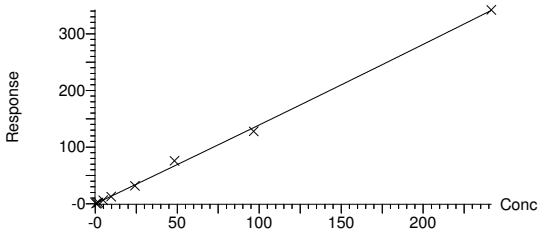
Client	: Soils Engineering Services, Inc.	Lab Number	: L2237198
Project Name	: GROSSINGERS	Project Number	: 9313
Instrument ID	: LCMS01	Ical Ref	: ICAL19203
Calibration dates	: 07/25/22 23:54 07/26/22 02:08		

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: 10:2FTS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	11.051	3204.244	98.648	0.438	90.8	1.249	26	16	0.96
2	I23886	IA537STD-1	26-Jul-22	00:13:04	11.042	3593.320	152.814	0.606	62.7	0.863	3599	24	0.89
3	I23887	IA537STD-2	26-Jul-22	00:29:36	11.042	3578.380	399.217	1.589	82.2	1.132	127	32	1.03
4	I23888	IA537STD-5	26-Jul-22	00:46:09	11.042	2914.783	952.360	4.651	96.3	1.326	239	388	0.99
5	I23889	IA537STD-10	26-Jul-22	01:02:44	11.039	2864.841	1839.386	9.135	94.6	1.303	92	472	0.88
6	I23890	IA537STD-25	26-Jul-22	01:19:18	11.042	3375.944	5472.177	23.026	95.3	1.316	5027	676	0.96
7	I23891	IA537STD-50	26-Jul-22	01:35:51	11.039	2419.388	9364.063	54.789	113.4	1.571	867	1546	0.97
8	I23892	IA537STD-100	26-Jul-22	01:52:25	11.033	2719.439	17749.080	92.016	95.3	1.324	6714	1792	0.97
9	I23893	IA537STD-250	26-Jul-22	02:08:59	11.036	2289.393	39969.977	242.166	100.3	1.417	7747	5164	0.95

Compound name: 10:2FTS
Coefficient of Determination: R^2 = 0.996711
Calibration curve: 0.000151891 * x^2 + 1.37627 * x
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

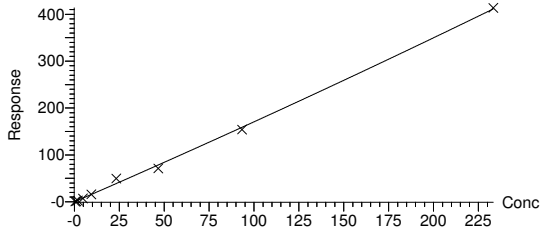
Client	: Soils Engineering Services, Inc.	Lab Number	: L2237198
Project Name	: GROSSINGERS	Project Number	: 9313
Instrument ID	: LCMS01	Ical Ref	: ICAL19203
Calibration dates	: 07/25/22 23:54 07/26/22 02:08		

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: 9CL-PF3ONS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	9.789	16946.209	1179.237	0.401	86.1	1.431	23304	2840	1.04
2	I23886	IA537STD-1	26-Jul-22	00:13:04	9.778	17271.336	2010.581	0.672	72.0	1.197	11	13	1.04
3	I23887	IA537STD-2	26-Jul-22	00:29:36	9.783	16739.957	4606.381	1.587	85.1	1.414	83	12	0.95
4	I23888	IA537STD-5	26-Jul-22	00:46:09	9.778	16533.510	12727.018	4.436	95.1	1.582	240497	86	1.03
5	I23889	IA537STD-10	26-Jul-22	01:02:44	9.776	15253.115	25169.309	9.497	101.8	1.696	832	109541	0.98
6	I23890	IA537STD-25	26-Jul-22	01:19:18	9.773	15172.657	78797.555	29.734	127.5	2.135	2607	319930	1.07
7	I23891	IA537STD-50	26-Jul-22	01:35:51	9.773	16661.721	123883.594	42.430	91.0	1.528	3638	2168	1.05
8	I23892	IA537STD-100	26-Jul-22	01:52:25	9.773	14657.300	235475.984	90.553	97.1	1.651	3032	535	1.00
9	I23893	IA537STD-250	26-Jul-22	02:08:59	9.773	11461.345	494283.406	234.468	100.5	1.773	1918	609	1.07

Compound name: 9CL-PF3ONS
Coefficient of Determination: R^2 = 0.994359
Calibration curve: 0.000434227 * x^2 + 1.66209 * x
Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

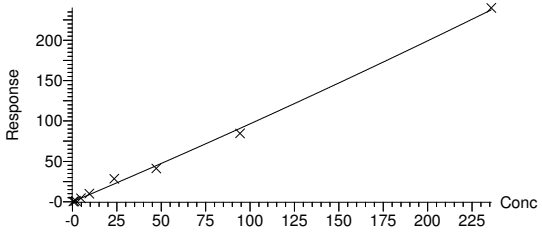
Client	: Soils Engineering Services, Inc.		Lab Number	: L2237198	
Project Name	: GROSSINGERS		Project Number	: 9313	
Instrument ID	: LCMS01		Ical Ref	: ICAL19203	
Calibration dates	: 07/25/22 23:54	07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: 11CL-PFOUdS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	10.8...	16946.209	634.050	0.384	81.5	0.761	17	6	1.08
2	I23886	IA537STD-1	26-Jul-22	00:13:04	10.8...	17271.336	1223.861	0.728	77.2	0.721	64	9740	1.09
3	I23887	IA537STD-2	26-Jul-22	00:29:36	10.8...	16739.957	2314.201	1.419	75.3	0.703	44212	23906	1.00
4	I23888	IA537STD-5	26-Jul-22	00:46:09	10.8...	16533.510	7744.977	4.804	101.9	0.953	493	50484	1.03
5	I23889	IA537STD-10	26-Jul-22	01:02:44	10.8...	15253.115	16251.294	10.904	115.6	1.084	666	112495	1.07
6	I23890	IA537STD-25	26-Jul-22	01:19:18	10.8...	15172.657	45289.672	30.351	128.7	1.214	1204	988	1.10
7	I23891	IA537STD-50	26-Jul-22	01:35:51	10.8...	16661.721	71577.984	43.492	92.2	0.874	3381	338	0.99
8	I23892	IA537STD-100	26-Jul-22	01:52:25	10.8...	14657.300	129452.789	88.112	93.4	0.898	2859	2073	1.05
9	I23893	IA537STD-250	26-Jul-22	02:08:59	10.8...	11461.345	286824.531	238.023	101.0	1.018	6838	1551	1.08

Compound name: 11CL-PFOUdS
Coefficient of Determination: R^2 = 0.992827
Calibration curve: 0.000313632 * x^2 + 0.933627 * x
Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

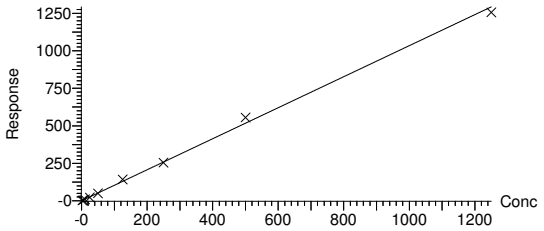
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2237198
Project Name	:	GROSSINGERS	Project Number	:	9313
Instrument ID	:	LCMS01	Ical Ref	:	ICAL19203
Calibration dates	:	07/25/22 23:54 07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: NMeFOSA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	11.203	110708.703	2284.763	1.995	79.8	0.826	19	7	1.09
2	I23886	IA537STD-1	26-Jul-22	00:13:04	11.188	106842.188	5161.095	4.670	93.4	0.966	116292	40074	1.12
3	I23887	IA537STD-2	26-Jul-22	00:29:36	11.191	111963.617	10679.418	9.222	92.2	0.954	129	70	1.11
4	I23888	IA537STD-5	26-Jul-22	00:46:09	11.188	115466.453	26785.383	22.427	89.7	0.928	227	261653	1.15
5	I23889	IA537STD-10	26-Jul-22	01:02:44	11.181	110837.898	55653.852	48.545	97.1	1.004	2677	118	1.13
6	I23890	IA537STD-25	26-Jul-22	01:19:18	11.186	110203.484	157485.891	138.160	110.5	1.143	2166	482	1.16
7	I23891	IA537STD-50	26-Jul-22	01:35:51	11.184	107585.828	273917.469	246.150	98.5	1.018	3852	2336	1.14
8	I23892	IA537STD-100	26-Jul-22	01:52:25	11.179	91340.086	507654.969	537.331	107.5	1.112	5227	1604	1.12
9	I23893	IA537STD-250	26-Jul-22	02:08:59	11.181	82962.984	1042190.938	1214.501	97.2	1.005	2684	4525	1.16

Compound name: NMeFOSA
Coefficient of Determination: R^2 = 0.997422
Calibration curve: 1.03434 * x
Response type: Internal Std (Ref 70), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/y, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

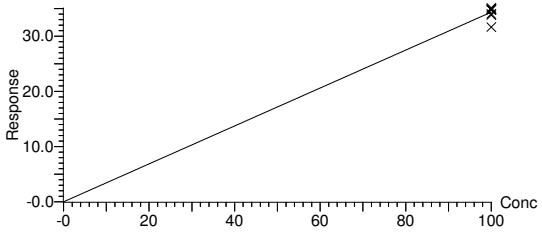
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2237198
Project Name	:	GROSSINGERS	Project Number	:	9313
Instrument ID	:	LCMS01	Ical Ref	:	ICAL19203
Calibration dates	:	07/25/22 23:54 07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: d3-NMeFOSA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	11.196	31769.338	110708.703	101.486	101.5	0.348	2327		1.07
2	I23886	IA537STD-1	26-Jul-22	00:13:04	11.179	31415.639	106842.188	99.044	99.0	0.340	865		1.14
3	I23887	IA537STD-2	26-Jul-22	00:29:36	11.181	32243.754	111963.617	101.126	101.1	0.347	1590		1.14
4	I23888	IA537STD-5	26-Jul-22	00:46:09	11.181	33083.676	115466.453	101.642	101.6	0.349	1728		1.12
5	I23889	IA537STD-10	26-Jul-22	01:02:44	11.174	32788.664	110837.898	98.446	98.4	0.338	2248		1.13
6	I23890	IA537STD-25	26-Jul-22	01:19:18	11.179	31400.635	110203.484	102.209	102.2	0.351	1176		1.15
7	I23891	IA537STD-50	26-Jul-22	01:35:51	11.177	30640.225	107585.828	102.258	102.3	0.351	1195		1.12
8	I23892	IA537STD-100	26-Jul-22	01:52:25	11.170	28859.861	91340.086	92.172	92.2	0.316	760		1.19
9	I23893	IA537STD-250	26-Jul-22	02:08:59	11.169	23776.791	82962.984	101.616	101.6	0.349	1372		1.28

Compound name: d3-NMeFOSA
Response Factor: 0.343374
RRF SD: 0.0110846, % Relative SD: 3.22815
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

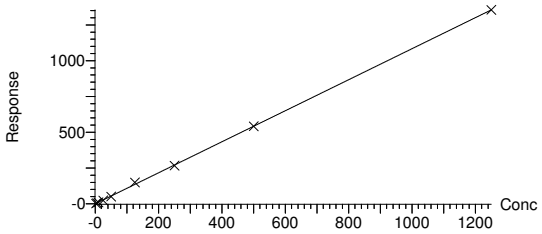
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2237198
Project Name	:	GROSSINGERS	Project Number	:	9313
Instrument ID	:	LCMS01	Ical Ref	:	ICAL19203
Calibration dates	:	07/25/22 23:54 07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: NEtFOSA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	11.517	129594.086	2794.131	1.989	79.5	0.862	44	30	1.29
2	I23886	IA537STD-1	26-Jul-22	00:13:04	11.504	124287.188	5434.957	4.033	80.7	0.875	55	20	0.95
3	I23887	IA537STD-2	26-Jul-22	00:29:36	11.507	128035.711	12298.695	8.860	88.6	0.961	41	41	0.87
4	I23888	IA537STD-5	26-Jul-22	00:46:09	11.506	132601.313	32040.180	22.287	89.1	0.967	523	119991	0.99
5	I23889	IA537STD-10	26-Jul-22	01:02:44	11.498	126526.484	63742.957	46.468	92.9	1.008	469	357	0.89
6	I23890	IA537STD-25	26-Jul-22	01:19:18	11.504	125136.742	186655.906	137.581	110.1	1.193	1802	711	0.95
7	I23891	IA537STD-50	26-Jul-22	01:35:51	11.501	118750.625	316698.750	245.987	98.4	1.067	1333	1410	0.97
8	I23892	IA537STD-100	26-Jul-22	01:52:25	11.496	109499.141	593734.813	500.131	100.0	1.084	8326	253	0.98
9	I23893	IA537STD-250	26-Jul-22	02:08:59	11.494	88347.453	1197453.375	1250.163	100.0	1.084	6633	2714	1.05

Compound name: NEtFOSA
Coefficient of Determination: R^2 = 0.998921
Calibration curve: 1.08417 * x
Response type: Internal Std (Ref 72), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

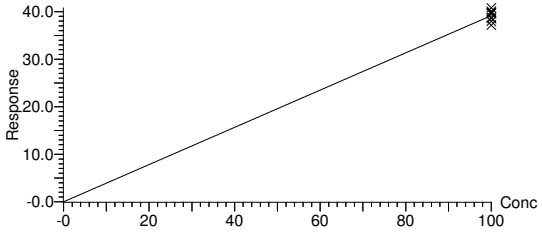
Client	: Soils Engineering Services, Inc.	Lab Number	: L2237198
Project Name	: GROSSINGERS	Project Number	: 9313
Instrument ID	: LCMS01	Ical Ref	: ICAL19203
Calibration dates	: 07/25/22 23:54 07/26/22 02:08		

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: d5-NEtFOSA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	11.507	31769.338	129594.086	104.168	104.2	0.408	4424		0.97
2	I23886	IA537STD-1	26-Jul-22	00:13:04	11.491	31415.639	124287.188	101.027	101.0	0.396	2358		0.99
3	I23887	IA537STD-2	26-Jul-22	00:29:36	11.494	32243.754	128035.711	101.401	101.4	0.397	1521		0.99
4	I23888	IA537STD-5	26-Jul-22	00:46:09	11.496	33083.676	132601.313	102.351	102.4	0.401	1932		0.95
5	I23889	IA537STD-10	26-Jul-22	01:02:44	11.484	32788.664	126526.484	98.541	98.5	0.386	584		1.02
6	I23890	IA537STD-25	26-Jul-22	01:19:18	11.491	31400.635	125136.742	101.767	101.8	0.399	575		1.03
7	I23891	IA537STD-50	26-Jul-22	01:35:51	11.487	30640.225	118750.625	98.970	99.0	0.388	8205		1.07
8	I23892	IA537STD-100	26-Jul-22	01:52:25	11.482	28859.861	109499.141	96.889	96.9	0.379	1375		1.08
9	I23893	IA537STD-250	26-Jul-22	02:08:59	11.480	23776.791	88347.453	94.885	94.9	0.372	520		1.18

Compound name: d5-NEtFOSA
Response Factor: 0.391599
RRF SD: 0.0114228, % Relative SD: 2.91698
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

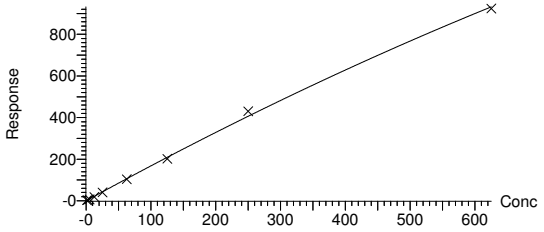
Client	: Soils Engineering Services, Inc.		Lab Number	: L2237198	
Project Name	: GROSSINGERS		Project Number	: 9313	
Instrument ID	: LCMS01		Ical Ref	: ICAL19203	
Calibration dates	: 07/25/22 23:54	07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: NMeFOSE

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	11.206	90880.242	1791.733	1.150	92.0	1.577	76		1.20
2	I23886	IA537STD-1	26-Jul-22	00:13:04	11.192	88665.180	3484.819	2.294	91.7	1.572	81		0.97
3	I23887	IA537STD-2	26-Jul-22	00:29:36	11.194	99178.031	6839.146	4.026	80.5	1.379	147841		1.04
4	I23888	IA537STD-5	26-Jul-22	00:46:09	11.192	111302.070	20717.756	10.882	87.1	1.489	87		1.07
5	I23889	IA537STD-10	26-Jul-22	01:02:44	11.185	99358.641	39872.590	23.523	94.1	1.605	1649		1.13
6	I23890	IA537STD-25	26-Jul-22	01:19:18	11.192	108739.211	113335.867	61.586	98.5	1.668	3187		1.05
7	I23891	IA537STD-50	26-Jul-22	01:35:51	11.187	86451.945	174395.484	120.702	96.6	1.614	2666		1.14
8	I23892	IA537STD-100	26-Jul-22	01:52:25	11.182	69940.297	300764.313	265.526	106.2	1.720	2513		1.11
9	I23893	IA537STD-250	26-Jul-22	02:08:59	11.185	60558.867	559666.063	618.873	99.0	1.479	4094		1.18

Compound name: NMeFOSE
Coefficient of Determination: R^2 = 0.998349
Calibration curve: -0.000357235 * x^2 + 1.71439 * x
Response type: Internal Std (Ref 74), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

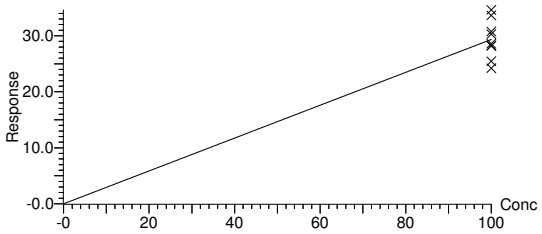
Client	: Soils Engineering Services, Inc.		Lab Number	: L2237198	
Project Name	: GROSSINGERS		Project Number	: 9313	
Instrument ID	: LCMS01		Ical Ref	: ICAL19203	
Calibration dates	: 07/25/22 23:54	07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: d7-NMeFOSE

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	11.187	31769.338	90880.242	97.491	97.5	0.286	356		1.17
2	I23886	IA537STD-1	26-Jul-22	00:13:04	11.173	31415.639	88665.180	96.186	96.2	0.282	583		1.17
3	I23887	IA537STD-2	26-Jul-22	00:29:36	11.175	32243.754	99178.031	104.827	104.8	0.308	898		1.17
4	I23888	IA537STD-5	26-Jul-22	00:46:09	11.175	33083.676	111302.070	114.655	114.7	0.336	1513		1.13
5	I23889	IA537STD-10	26-Jul-22	01:02:44	11.166	32788.664	99358.641	103.272	103.3	0.303	1896		1.20
6	I23890	IA537STD-25	26-Jul-22	01:19:18	11.173	31400.635	108739.211	118.019	118.0	0.346	1476		1.17
7	I23891	IA537STD-50	26-Jul-22	01:35:51	11.168	30640.225	86451.945	96.158	96.2	0.282	901		1.23
8	I23892	IA537STD-100	26-Jul-22	01:52:25	11.161	28859.861	69940.297	82.592	82.6	0.242	847		1.30
9	I23893	IA537STD-250	26-Jul-22	02:08:59	11.161	23776.791	60558.867	86.801	86.8	0.255	775		1.34

Compound name: d7-NMeFOSE
Response Factor: 0.293425
RRF SD: 0.0341922, % Relative SD: 11.6528
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

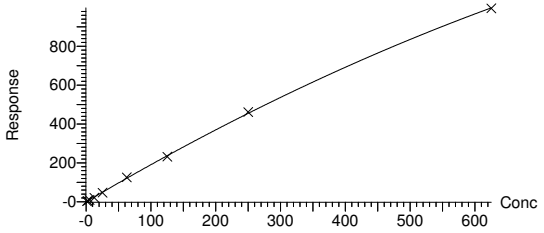
Client	: Soils Engineering Services, Inc.		Lab Number	: L2237198	
Project Name	: GROSSINGERS		Project Number	: 9313	
Instrument ID	: LCMS01		Ical Ref	: ICAL19203	
Calibration dates	: 07/25/22 23:54	07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: NEtFOSE

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	11.505	70633.078	1392.598	1.001	80.1	1.577	54		1.13
2	I23886	IA537STD-1	26-Jul-22	00:13:04	11.493	65235.770	2970.603	2.313	92.5	1.821	86		0.90
3	I23887	IA537STD-2	26-Jul-22	00:29:36	11.493	70356.758	6909.986	4.992	99.8	1.964	158		1.06
4	I23888	IA537STD-5	26-Jul-22	00:46:09	11.495	82555.984	17732.955	10.939	87.5	1.718	1140		0.99
5	I23889	IA537STD-10	26-Jul-22	01:02:44	11.484	74762.438	34999.152	23.935	95.7	1.873	377		1.06
6	I23890	IA537STD-25	26-Jul-22	01:19:18	11.491	79166.750	100030.156	65.431	104.7	2.022	1343		1.07
7	I23891	IA537STD-50	26-Jul-22	01:35:51	11.486	65143.672	151483.609	122.584	98.1	1.860	2726		1.15
8	I23892	IA537STD-100	26-Jul-22	01:52:25	11.481	53761.801	248648.313	254.370	101.7	1.850	3325		1.19
9	I23893	IA537STD-250	26-Jul-22	02:08:59	11.476	49942.840	497197.344	623.003	99.7	1.593	4752		1.42

Compound name: NEtFOSE
Coefficient of Determination: R^2 = 0.999347
Calibration curve: -0.000597505 * x^2 + 1.97021 * x
Response type: Internal Std (Ref 76), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

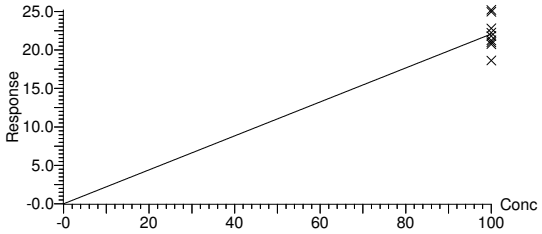
Client	: Soils Engineering Services, Inc.	Lab Number	: L2237198
Project Name	: GROSSINGERS	Project Number	: 9313
Instrument ID	: LCMS01	Ical Ref	: ICAL19203
Calibration dates	: 07/25/22 23:54 07/26/22 02:08		

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: d9-NEtFOSE

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	11.486	31769.338	70633.078	100.714	100.7	0.222	965		1.03
2	I23886	IA537STD-1	26-Jul-22	00:13:04	11.469	31415.639	65235.770	94.065	94.1	0.208	697		1.13
3	I23887	IA537STD-2	26-Jul-22	00:29:36	11.472	32243.754	70356.758	98.844	98.8	0.218	977		1.08
4	I23888	IA537STD-5	26-Jul-22	00:46:09	11.474	33083.676	82555.984	113.038	113.0	0.250	3186		1.03
5	I23889	IA537STD-10	26-Jul-22	01:02:44	11.465	32788.664	74762.438	103.288	103.3	0.228	974		1.08
6	I23890	IA537STD-25	26-Jul-22	01:19:18	11.469	31400.635	79166.750	114.207	114.2	0.252	1616		1.09
7	I23891	IA537STD-50	26-Jul-22	01:35:51	11.467	30640.225	65143.672	96.309	96.3	0.213	227		1.05
8	I23892	IA537STD-100	26-Jul-22	01:52:25	11.462	28859.861	53761.801	84.386	84.4	0.186	419		1.10
9	I23893	IA537STD-250	26-Jul-22	02:08:59	11.460	23776.791	49942.840	95.150	95.1	0.210	1646		1.05

Compound name: d9-NEtFOSE
Response Factor: 0.220755
RRF SD: 0.0206594, % Relative SD: 9.35852
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

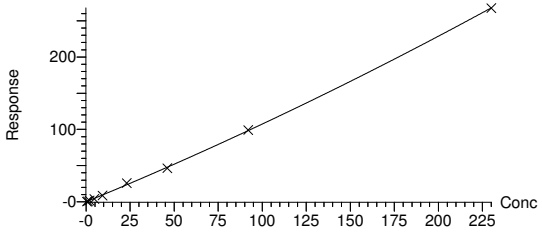
Client	: Soils Engineering Services, Inc.		Lab Number	: L2237198	
Project Name	: GROSSINGERS		Project Number	: 9313	
Instrument ID	: LCMS01		Ical Ref	: ICAL19203	
Calibration dates	: 07/25/22 23:54	07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: PFPrS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	3.370	15842.368	670.324	0.392	85.3	0.857	236	28	0.47
2	I23886	IA537STD-1	26-Jul-22	00:13:04	3.369	15689.002	1347.112	0.796	86.5	0.870	50	90	0.43
3	I23887	IA537STD-2	26-Jul-22	00:29:36	3.340	15813.672	2692.933	1.578	85.8	0.863	153	195	0.43
4	I23888	IA537STD-5	26-Jul-22	00:46:09	3.344	16121.948	7085.994	4.066	88.4	0.891	1871	300	0.41
5	I23889	IA537STD-10	26-Jul-22	01:02:44	3.340	15705.815	14748.967	8.659	94.1	0.951	516	927	0.44
6	I23890	IA537STD-25	26-Jul-22	01:19:18	3.339	15407.857	42777.906	25.311	110.0	1.125	18216	776	0.46
7	I23891	IA537STD-50	26-Jul-22	01:35:51	3.342	15400.353	76536.156	44.716	97.2	1.007	1564	3885	0.39
8	I23892	IA537STD-100	26-Jul-22	01:52:25	3.340	14036.856	149210.531	92.658	100.7	1.077	16640	913	0.38
9	I23893	IA537STD-250	26-Jul-22	02:08:59	3.340	11871.486	340963.594	229.827	99.9	1.164	31014	708	0.34

Compound name: PFPrS
Coefficient of Determination: R^2 = 0.999064
Calibration curve: 0.000696257 * x^2 + 1.00469 * x
Response type: Internal Std (Ref 7), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

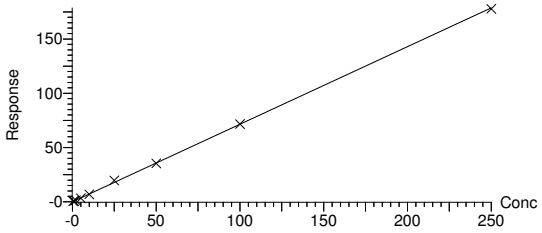
Client	: Soils Engineering Services, Inc.		Lab Number	: L2237198	
Project Name	: GROSSINGERS		Project Number	: 9313	
Instrument ID	: LCMS01		Ical Ref	: ICAL19203	
Calibration dates	: 07/25/22 23:54	07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: PFMPA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	3.358	41664.820	1420.130	0.477	95.4	0.682	305		0.58
2	I23886	IA537STD-1	26-Jul-22	00:13:04	3.359	40839.871	2751.056	0.943	94.3	0.674	453		0.51
3	I23887	IA537STD-2	26-Jul-22	00:29:36	3.332	42798.508	5684.240	1.858	92.9	0.664	910		0.52
4	I23888	IA537STD-5	26-Jul-22	00:46:09	3.336	43071.613	14593.475	4.741	94.8	0.678	1870		0.49
5	I23889	IA537STD-10	26-Jul-22	01:02:44	3.332	43393.262	29617.928	9.550	95.5	0.683	7375		0.52
6	I23890	IA537STD-25	26-Jul-22	01:19:18	3.330	43713.645	86050.539	27.544	110.2	0.787	12297		0.56
7	I23891	IA537STD-50	26-Jul-22	01:35:51	3.332	43618.902	154357.609	49.515	99.0	0.708	15952		0.48
8	I23892	IA537STD-100	26-Jul-22	01:52:25	3.330	42882.867	307044.094	100.185	100.2	0.716	27074		0.47
9	I23893	IA537STD-250	26-Jul-22	02:08:59	3.331	39875.445	708713.125	248.686	99.5	0.711	17326		0.43

Compound name: PFMPA
Coefficient of Determination: R^2 = 0.999248
Calibration curve: 0.714682 * x
Response type: Internal Std (Ref 3), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

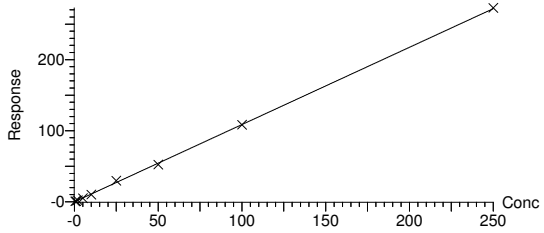
Client	: Soils Engineering Services, Inc.		Lab Number	: L2237198	
Project Name	: GROSSINGERS		Project Number	: 9313	
Instrument ID	: LCMS01		Ical Ref	: ICAL19203	
Calibration dates	: 07/25/22 23:54	07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: PFMBA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	5.332	41794.598	2127.635	0.468	93.7	1.018	187		1.02
2	I23886	IA537STD-1	26-Jul-22	00:13:04	5.326	40342.293	4047.664	0.923	92.3	1.003	318		0.97
3	I23887	IA537STD-2	26-Jul-22	00:29:36	5.319	42447.574	8427.198	1.827	91.3	0.993	6082		0.90
4	I23888	IA537STD-5	26-Jul-22	00:46:09	5.318	43505.293	21661.225	4.582	91.6	0.996	3744		0.92
5	I23889	IA537STD-10	26-Jul-22	01:02:44	5.313	43324.438	44241.559	9.397	94.0	1.021	5283		0.96
6	I23890	IA537STD-25	26-Jul-22	01:19:18	5.313	43156.480	127509.094	27.187	108.7	1.182	8807		1.00
7	I23891	IA537STD-50	26-Jul-22	01:35:51	5.309	43175.742	226565.969	48.286	96.6	1.050	14486		0.92
8	I23892	IA537STD-100	26-Jul-22	01:52:25	5.307	41349.379	448541.219	99.817	99.8	1.085	52009		0.90
9	I23893	IA537STD-250	26-Jul-22	02:08:59	5.309	37080.074	1011504.688	251.013	100.4	1.091	87416		0.81

Compound name: PFMBA
Coefficient of Determination: R^2 = 0.999178
Calibration curve: 1.08675 * x
Response type: Internal Std (Ref 5), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

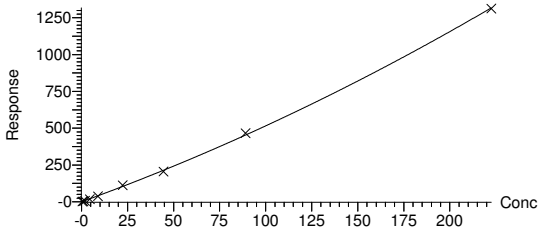
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2237198
Project Name	:	GROSSINGERS	Project Number	:	9313
Instrument ID	:	LCMS01	Ical Ref	:	ICAL19203
Calibration dates	:	07/25/22 23:54 07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: PFEESA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	5.961	17812.373	3114.773	0.365	82.1	3.725	49108	2035	1.04
2	I23886	IA537STD-1	26-Jul-22	00:13:04	5.956	16444.639	6314.791	0.801	90.0	4.090	1113	163	1.02
3	I23887	IA537STD-2	26-Jul-22	00:29:36	5.950	17290.350	12963.031	1.563	87.8	3.993	1314	35	1.00
4	I23888	IA537STD-5	26-Jul-22	00:46:09	5.949	17879.152	33043.934	3.841	86.3	3.937	4817	28561	1.04
5	I23889	IA537STD-10	26-Jul-22	01:02:44	5.947	17063.047	66961.828	8.109	91.1	4.180	5809	734	1.00
6	I23890	IA537STD-25	26-Jul-22	01:19:18	5.943	16768.635	198024.313	23.890	107.4	5.032	15196	675	1.05
7	I23891	IA537STD-50	26-Jul-22	01:35:51	5.940	16033.732	347330.250	42.752	96.1	4.615	15454	1462	0.99
8	I23892	IA537STD-100	26-Jul-22	01:52:25	5.936	14034.834	690557.125	91.354	102.6	5.241	40433	4546	1.03
9	I23893	IA537STD-250	26-Jul-22	02:08:59	5.936	11262.957	1560485.375	221.934	99.7	5.903	60293	5486	1.00

Compound name: PFEESA
Coefficient of Determination: R^2 = 0.999056
Calibration curve: 0.00622104 * x^2 + 4.53756 * x
Response type: Internal Std (Ref 18), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

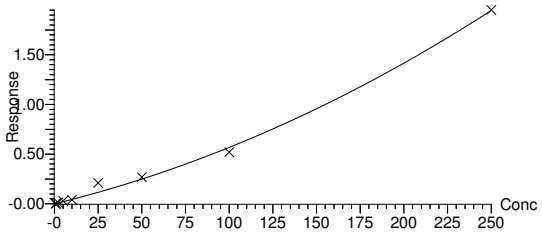
Client	: Soils Engineering Services, Inc.		Lab Number	: L2237198	
Project Name	: GROSSINGERS		Project Number	: 9313	
Instrument ID	: LCMS01		Ical Ref	: ICAL19203	
Calibration dates	: 07/25/22 23:54	07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: NFDHA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	6.221	52197.773	2.510	0.113	22.5	0.001	65		1.10
2	I23886	IA537STD-1	26-Jul-22	00:13:04	6.211	52258.227	10.703	0.479	47.9	0.002	226		1.07
3	I23887	IA537STD-2	26-Jul-22	00:29:36	6.200	53181.832	70.650	3.079	154.0	0.007	24		1.56
4	I23888	IA537STD-5	26-Jul-22	00:46:09	6.220	54538.777	159.551	6.702	134.0	0.006	3	88	0.88
5	I23889	IA537STD-10	26-Jul-22	01:02:44	6.200	54758.895	226.354	9.388	93.9	0.004	48	105	0.91
6	I23890	IA537STD-25	26-Jul-22	01:19:18	6.197	53658.059	1129.225	43.149	172.6	0.008	10	141	1.11
7	I23891	IA537STD-50	26-Jul-22	01:35:51	6.194	53073.242	1426.451	53.510	107.0	0.005	160	7	1.15
8	I23892	IA537STD-100	26-Jul-22	01:52:25	6.188	49551.262	2568.459	92.945	92.9	0.005	83	24	1.32
9	I23893	IA537STD-250	26-Jul-22	02:08:59	6.192	43648.773	8520.067	250.542	100.2	0.008	394	2541	1.08

Compound name: NFDHA
Coefficient of Determination: R^2 = 0.996230
Calibration curve: 1.40489e-005 * x^2 + 0.0042711 * x
Response type: Internal Std (Ref 11), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: Null, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

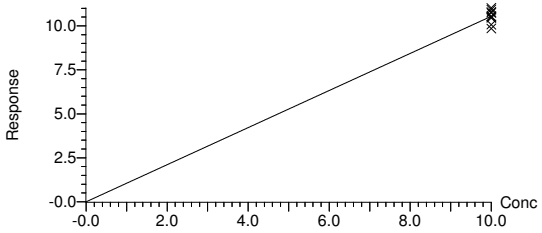
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2237198
Project Name	:	GROSSINGERS	Project Number	:	9313
Instrument ID	:	LCMS01	Ical Ref	:	ICAL19203
Calibration dates	:	07/25/22 23:54 07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: M3PFPeA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	4.684	36496.156	39888.270	10.365	103.6	1.093	3120		1.01
2	I23886	IA537STD-1	26-Jul-22	00:13:04	4.678	36314.910	40035.195	10.455	104.6	1.102	6963		0.96
3	I23887	IA537STD-2	26-Jul-22	00:29:36	4.666	37639.910	40602.180	10.230	102.3	1.079	6276		0.95
4	I23888	IA537STD-5	26-Jul-22	00:46:09	4.668	38022.160	40829.379	10.184	101.8	1.074	7113		0.93
5	I23889	IA537STD-10	26-Jul-22	01:02:44	4.664	38377.563	40497.156	10.007	100.1	1.055	3582		0.96
6	I23890	IA537STD-25	26-Jul-22	01:19:18	4.662	38125.230	39829.141	9.907	99.1	1.045	10052		0.99
7	I23891	IA537STD-50	26-Jul-22	01:35:51	4.661	38402.359	40329.906	9.960	99.6	1.050	8209		0.93
8	I23892	IA537STD-100	26-Jul-22	01:52:25	4.657	37627.410	37878.496	9.547	95.5	1.007	6404		0.91
9	I23893	IA537STD-250	26-Jul-22	02:08:59	4.659	35274.023	34759.074	9.345	93.5	0.985	3534		0.83

Compound name: M3PFPeA
Response Factor: 1.05446
RRF SD: 0.0385897, % Relative SD: 3.65968
Response type: Internal Std (Ref 2), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

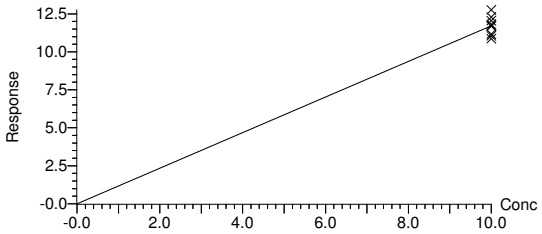
Client	: Soils Engineering Services, Inc.	Lab Number	: L2237198
Project Name	: GROSSINGERS	Project Number	: 9313
Instrument ID	: LCMS01	Ical Ref	: ICAL19203
Calibration dates	: 07/25/22 23:54 07/26/22 02:08		

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: M2PFHxA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	ng/mL	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	6.433	42590.730	49790.383	9.982	99.8	1.169	2775		1.12
2	I23886	IA537STD-1	26-Jul-22	00:13:04	6.429	39789.082	50776.555	10.896	109.0	1.276	3708		1.06
3	I23887	IA537STD-2	26-Jul-22	00:29:36	6.425	41422.008	50882.684	10.488	104.9	1.228	1778		1.03
4	I23888	IA537STD-5	26-Jul-22	00:46:09	6.420	43420.129	51297.770	10.087	100.9	1.181	943		1.11
5	I23889	IA537STD-10	26-Jul-22	01:02:44	6.419	41458.664	49935.004	10.284	102.8	1.204	3315		1.09
6	I23890	IA537STD-25	26-Jul-22	01:19:18	6.419	44683.723	49420.047	9.443	94.4	1.106	3370		1.08
7	I23891	IA537STD-50	26-Jul-22	01:35:51	6.410	44823.180	48675.270	9.272	92.7	1.086	1144		1.07
8	I23892	IA537STD-100	26-Jul-22	01:52:25	6.413	41830.828	46738.980	9.540	95.4	1.117	5455		1.05
9	I23893	IA537STD-250	26-Jul-22	02:08:59	6.404	35450.852	41549.102	10.007	100.1	1.172	2464		1.09

Compound name: M2PFHxA
Response Factor: 1.17119
RRF SD: 0.0611583, % Relative SD: 5.22187
Response type: Internal Std (Ref 23), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

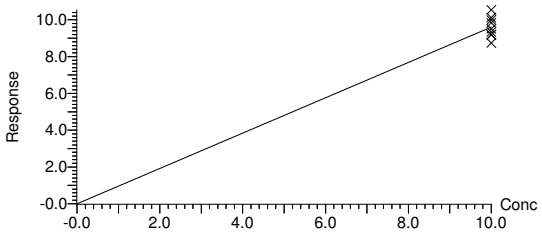
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2237198
Project Name	:	GROSSINGERS	Project Number	:	9313
Instrument ID	:	LCMS01	Ical Ref	:	ICAL19203
Calibration dates	:	07/25/22 23:54 07/26/22 02:08			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: M4PFOA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	8.610	42590.730	40480.598	9.896	99.0	0.950	2219		1.11
2	I23886	IA537STD-1	26-Jul-22	00:13:04	8.601	39789.082	41938.551	10.974	109.7	1.054	91		1.10
3	I23887	IA537STD-2	26-Jul-22	00:29:36	8.602	41422.008	40742.973	10.241	102.4	0.984	3279		1.11
4	I23888	IA537STD-5	26-Jul-22	00:46:09	8.601	43420.129	43379.453	10.402	104.0	0.999	2020		1.12
5	I23889	IA537STD-10	26-Jul-22	01:02:44	8.594	41458.664	41970.285	10.540	105.4	1.012	856296		1.16
6	I23890	IA537STD-25	26-Jul-22	01:19:18	8.598	44683.723	41713.367	9.719	97.2	0.934	1613		1.06
7	I23891	IA537STD-50	26-Jul-22	01:35:51	8.594	44823.180	41202.566	9.570	95.7	0.919	1424		1.03
8	I23892	IA537STD-100	26-Jul-22	01:52:25	8.594	41830.828	38415.855	9.561	95.6	0.918	829		1.08
9	I23893	IA537STD-250	26-Jul-22	02:08:59	8.589	35450.852	30975.795	9.097	91.0	0.874	977		1.21

Compound name: M4PFOA
Response Factor: 0.960485
RRF SD: 0.0562196, % Relative SD: 5.85325
Response type: Internal Std (Ref 23), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

Client	: Soils Engineering Services, Inc.	Lab Number	: L2237198
Project Name	: GROSSINGERS	Project Number	: 9313
Instrument ID	: LCMS01	Ical Ref	: ICAL19209
Calibration dates	: 07/27/22 12:50 07/27/22 13:33		

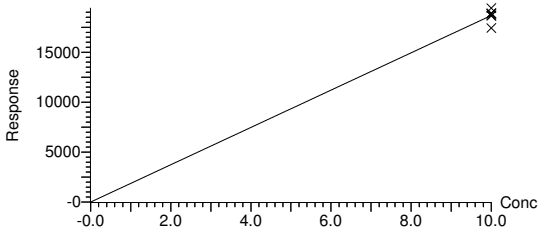
Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 14:04:31 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\MethDB\MeOH_FRAC_220727.mdb 27 Jul 2022 13:43:47
Calibration: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\CurveDB\220727_MEOH_ICAL.cdb 27 Jul 2022 13:45:01

Compound name: M5PFNA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	M08685	IA537STD-.5	27-Jul-22	12:50:24	2.224		18639.563	9.980	99.8	1863.956	1845		1.02
2	M08686	IA537STD-1.0	27-Jul-22	12:57:36	2.224		18665.311	9.994	99.9	1866.531	6444		1.03
3	M08687	IA537STD-2.5	27-Jul-22	13:04:49	2.220		17416.080	9.325	93.2	1741.608	2014		1.08
4	M08688	IA537STD-10	27-Jul-22	13:12:02	2.220		19416.809	10.396	104.0	1941.681	7380		1.08
5	M08689	IA537STD-25	27-Jul-22	13:19:14	2.220		18852.602	10.094	100.9	1885.260	3789		1.04
6	M08690	IA537STD-100	27-Jul-22	13:26:27	2.217		18836.510	10.085	100.9	1883.651	4063		1.12
7	M08691	IA537STD250	27-Jul-22	13:33:41	2.220		18913.496	10.127	101.3	1891.350	6776		1.11

Compound name: M5PFNA
Response Factor: 1867.72
RRF SD: 61.2506, % Relative SD: 3.27943
Response type: External Std, Area
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

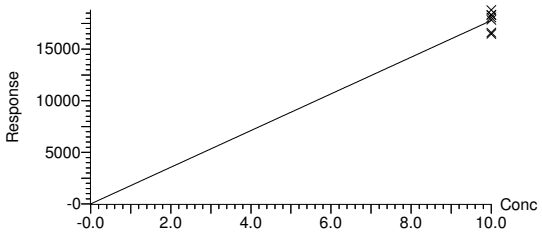
Client	: Soils Engineering Services, Inc.	Lab Number	: L2237198
Project Name	: GROSSINGERS	Project Number	: 9313
Instrument ID	: LCMS01	Ical Ref	: ICAL19209
Calibration dates	: 07/27/22 12:50 07/27/22 13:33		

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 14:04:31 Eastern Daylight Time

Compound name: M2-PFUDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	M08685	IA537STD-.5	27-Jul-22	12:50:24	2.816		18084.328	10.169	101.7	1808.433	4775		0.94
2	M08686	IA537STD-1.0	27-Jul-22	12:57:36	2.816		18803.150	10.573	105.7	1880.315	3484		1.03
3	M08687	IA537STD-2.5	27-Jul-22	13:04:49	2.816		16605.758	9.338	93.4	1660.576	4218		0.94
4	M08688	IA537STD-10	27-Jul-22	13:12:02	2.816		18342.963	10.314	103.1	1834.296	3001		1.01
5	M08689	IA537STD-25	27-Jul-22	13:19:14	2.816		18321.986	10.303	103.0	1832.199	7507		0.92
6	M08690	IA537STD-100	27-Jul-22	13:26:27	2.812		17849.484	10.037	100.4	1784.948	829		0.97
7	M08691	IA537STD250	27-Jul-22	13:33:41	2.825		16479.145	9.266	92.7	1647.915	1584		0.96

Compound name: M2-PFUDA
Response Factor: 1778.38
RRF SD: 89.6839, % Relative SD: 5.043
Response type: External Std, Area
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

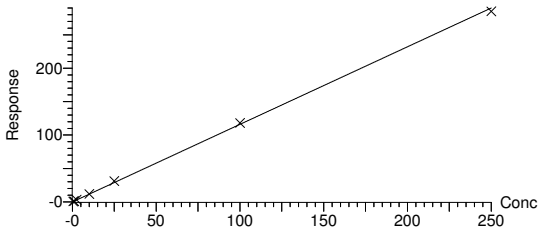
Client	: Soils Engineering Services, Inc.	Lab Number	: L2237198
Project Name	: GROSSINGERS	Project Number	: 9313
Instrument ID	: LCMS01	Ical Ref	: ICAL19209
Calibration dates	: 07/27/22 12:50 07/27/22 13:33		

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 14:04:31 Eastern Daylight Time

Compound name: FOSA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	M08685	IA537STD-.5	27-Jul-22	12:50:24	2.814	13488.272	732.099	0.468	93.6	1.086	200	13	0.91
2	M08686	IA537STD-1.0	27-Jul-22	12:57:36	2.814	13175.633	1556.392	1.018	101.8	1.181	27060	463	0.95
3	M08687	IA537STD-2.5	27-Jul-22	13:04:49	2.810	11395.280	3603.692	2.726	109.0	1.265	1119	13	1.00
4	M08688	IA537STD-10	27-Jul-22	13:12:02	2.814	12828.069	15378.999	10.333	103.3	1.199	13776	1431	0.96
5	M08689	IA537STD-25	27-Jul-22	13:19:14	2.810	12113.729	37984.051	27.027	108.1	1.254	14844	4567	0.99
6	M08690	IA537STD-100	27-Jul-22	13:26:27	2.810	12065.232	142452.078	101.767	101.8	1.181	15489	367	0.95
7	M08691	IA537STD250	27-Jul-22	13:33:41	2.823	11786.847	335937.250	245.661	98.3	1.140	41160	336	0.94

Compound name: FOSA
Coefficient of Determination: R^2 = 0.999187
Calibration curve: 1.16018 * x
Response type: Internal Std (Ref 4), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

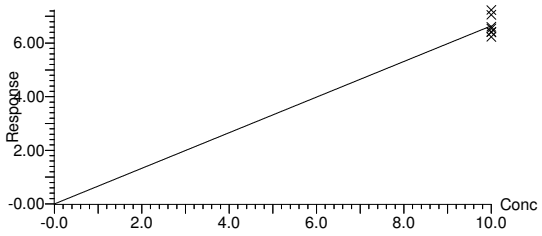
Client	:	Soils Engineering Services, Inc.	Lab Number	:	L2237198
Project Name	:	GROSSINGERS	Project Number	:	9313
Instrument ID	:	LCMS01	Ical Ref	:	ICAL19209
Calibration dates	:	07/27/22 12:50 07/27/22 13:33			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 14:04:31 Eastern Daylight Time

Compound name: M8FOSA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	M08685	IA537STD-.5	27-Jul-22	12:50:24	2.810	18639.563	13488.272	10.892	108.9	0.724	4418		0.99
2	M08686	IA537STD-1.0	27-Jul-22	12:57:36	2.814	18665.311	13175.633	10.625	106.2	0.706	5220		0.95
3	M08687	IA537STD-2.5	27-Jul-22	13:04:49	2.810	17416.080	11395.280	9.848	98.5	0.654	6904		0.97
4	M08688	IA537STD-10	27-Jul-22	13:12:02	2.814	19416.809	12828.069	9.944	99.4	0.661	3898		0.94
5	M08689	IA537STD-25	27-Jul-22	13:19:14	2.810	18852.602	12113.729	9.671	96.7	0.643	1540		0.98
6	M08690	IA537STD-100	27-Jul-22	13:26:27	2.810	18836.510	12065.232	9.641	96.4	0.641	1798		0.93
7	M08691	IA537STD250	27-Jul-22	13:33:41	2.819	18913.496	11786.847	9.380	93.8	0.623	1033		1.04

Compound name: M8FOSA
Response Factor: 0.664394
RRF SD: 0.036723, % Relative SD: 5.52729
Response type: Internal Std (Ref 1), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

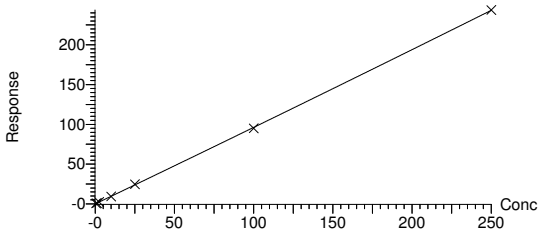
Client	: Soils Engineering Services, Inc.	Lab Number	: L2237198
Project Name	: GROSSINGERS	Project Number	: 9313
Instrument ID	: LCMS01	Ical Ref	: ICAL19209
Calibration dates	: 07/27/22 12:50 07/27/22 13:33		

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 14:04:31 Eastern Daylight Time

Compound name: NMeFOSA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	M08685	IA537STD-.5	27-Jul-22	12:50:24	3.170	38384.063	183.203	0.500	100.0	0.955	272	69	0.94
2	M08686	IA537STD-1.0	27-Jul-22	12:57:36	3.174	39602.430	390.102	1.032	103.2	0.985	265	125	0.91
3	M08687	IA537STD-2.5	27-Jul-22	13:04:49	3.170	35513.555	880.440	2.598	103.9	0.992	714	1510	0.93
4	M08688	IA537STD-10	27-Jul-22	13:12:02	3.174	35506.039	3354.783	9.895	99.0	0.945	648	409	0.94
5	M08689	IA537STD-25	27-Jul-22	13:19:14	3.174	38750.305	9569.061	25.829	103.3	0.988	1608	2866	0.86
6	M08690	IA537STD-100	27-Jul-22	13:26:27	3.170	37790.551	35900.102	98.780	98.8	0.950	3926	3880	0.91
7	M08691	IA537STD250	27-Jul-22	13:33:41	3.179	37357.488	91061.227	250.413	100.2	0.975	10722	5741	0.91

Compound name: NMeFOSA
Coefficient of Determination: R^2 = 0.999872
Calibration curve: 7.72432e-005 * x^2 + 0.954074 * x
Response type: Internal Std (Ref 6), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/y, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

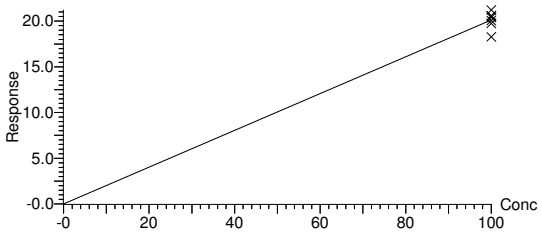
Client	: Soils Engineering Services, Inc.		Lab Number	: L2237198	
Project Name	: GROSSINGERS		Project Number	: 9313	
Instrument ID	: LCMS01		Ical Ref	: ICAL19209	
Calibration dates	: 07/27/22 12:50	07/27/22 13:33			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 14:04:31 Eastern Daylight Time

Compound name: d3-NMeFOSA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	M08685	IA537STD-.5	27-Jul-22	12:50:24	3.166	18639.563	38384.063	102.338	102.3	0.206	6646		0.96
2	M08686	IA537STD-1.0	27-Jul-22	12:57:36	3.170	18665.311	39602.430	105.441	105.4	0.212	3521		0.91
3	M08687	IA537STD-2.5	27-Jul-22	13:04:49	3.166	17416.080	35513.555	101.337	101.3	0.204	5060		0.95
4	M08688	IA537STD-10	27-Jul-22	13:12:02	3.170	19416.809	35506.039	90.876	90.9	0.183	4791		0.93
5	M08689	IA537STD-25	27-Jul-22	13:19:14	3.166	18852.602	38750.305	102.147	102.1	0.206	5899		0.96
6	M08690	IA537STD-100	27-Jul-22	13:26:27	3.166	18836.510	37790.551	99.702	99.7	0.201	4435		0.93
7	M08691	IA537STD250	27-Jul-22	13:33:41	3.175	18913.496	37357.488	98.159	98.2	0.198	5308		0.92

Compound name: d3-NMeFOSA
Response Factor: 0.201223
RRF SD: 0.00930146, % Relative SD: 4.62247
Response type: Internal Std (Ref 1), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

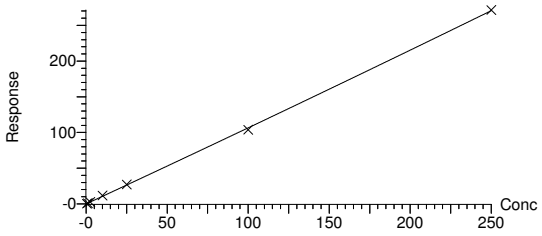
Client	: Soils Engineering Services, Inc.		Lab Number	: L2237198	
Project Name	: GROSSINGERS		Project Number	: 9313	
Instrument ID	: LCMS01		Ical Ref	: ICAL19209	
Calibration dates	: 07/27/22 12:50	07/27/22 13:33			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 14:04:31 Eastern Daylight Time

Compound name: NEtFOSA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	M08685	IA537STD-.5	27-Jul-22	12:50:24	3.355	42711.426	207.224	0.460	92.1	0.970	24	7	1.10
2	M08686	IA537STD-1.0	27-Jul-22	12:57:36	3.358	45455.621	477.444	0.997	99.7	1.050	101	38	1.05
3	M08687	IA537STD-2.5	27-Jul-22	13:04:49	3.353	39971.574	1058.428	2.512	100.5	1.059	543	43	1.09
4	M08688	IA537STD-10	27-Jul-22	13:12:02	3.358	39570.746	4598.077	11.014	110.1	1.162	1104	168	1.10
5	M08689	IA537STD-25	27-Jul-22	13:19:14	3.355	44282.773	11988.070	25.619	102.5	1.083	2613	313	1.06
6	M08690	IA537STD-100	27-Jul-22	13:26:27	3.353	43096.836	44766.891	97.546	97.5	1.039	14579	5095	1.06
7	M08691	IA537STD250	27-Jul-22	13:33:41	3.361	42807.164	116221.797	250.854	100.3	1.086	13911	4381	1.10

Compound name: NEtFOSA
Coefficient of Determination: R^2 = 0.999519
Calibration curve: 0.00011362 * x^2 + 1.05381 * x
Response type: Internal Std (Ref 8), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

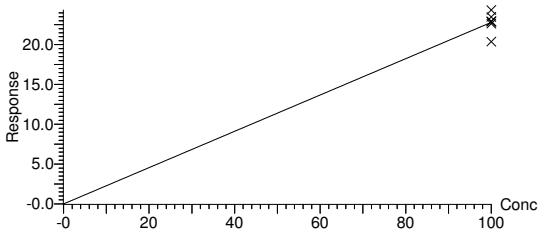
Client	: Soils Engineering Services, Inc.	Lab Number	: L2237198
Project Name	: GROSSINGERS	Project Number	: 9313
Instrument ID	: LCMS01	Ical Ref	: ICAL19209
Calibration dates	: 07/27/22 12:50 07/27/22 13:33		

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 14:04:31 Eastern Daylight Time

Compound name: d5-NEtFOSA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	M08685	IA537STD-.5	27-Jul-22	12:50:24	3.348	18639.563	42711.426	100.502	100.5	0.229	3149		1.09
2	M08686	IA537STD-1.0	27-Jul-22	12:57:36	3.350	18665.311	45455.621	106.812	106.8	0.244	3594		1.07
3	M08687	IA537STD-2.5	27-Jul-22	13:04:49	3.348	17416.080	39971.574	100.662	100.7	0.230	3409		1.04
4	M08688	IA537STD-10	27-Jul-22	13:12:02	3.353	19416.809	39570.746	89.385	89.4	0.204	7029		1.03
5	M08689	IA537STD-25	27-Jul-22	13:19:14	3.348	18852.602	44282.773	103.022	103.0	0.235	16219		1.08
6	M08690	IA537STD-100	27-Jul-22	13:26:27	3.345	18836.510	43096.836	100.349	100.3	0.229	8605		1.09
7	M08691	IA537STD250	27-Jul-22	13:33:41	3.356	18913.496	42807.164	99.268	99.3	0.226	9112		1.05

Compound name: d5-NEtFOSA
Response Factor: 0.227999
RRF SD: 0.0121207, % Relative SD: 5.3161
Response type: Internal Std (Ref 1), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

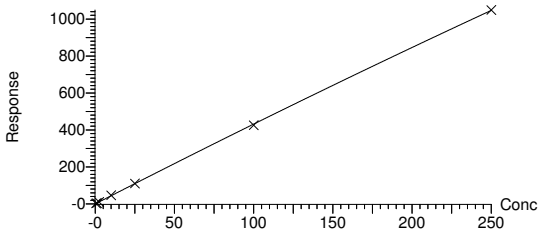
Client	: Soils Engineering Services, Inc.	Lab Number	: L2237198
Project Name	: GROSSINGERS	Project Number	: 9313
Instrument ID	: LCMS01	Ical Ref	: ICAL19209
Calibration dates	: 07/27/22 12:50 07/27/22 13:33		

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 14:04:31 Eastern Daylight Time

Compound name: NMeFOSE

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	M08685	IA537STD-.5	27-Jul-22	12:50:24	3.176	20960.381	411.057	0.445	89.1	3.922	7475		0.86
2	M08686	IA537STD-1.0	27-Jul-22	12:57:36	3.176	20618.738	853.008	0.939	93.9	4.137	591		0.91
3	M08687	IA537STD-2.5	27-Jul-22	13:04:49	3.172	18612.357	2017.967	2.463	98.5	4.337	375		0.93
4	M08688	IA537STD-10	27-Jul-22	13:12:02	3.176	18036.938	8502.344	10.724	107.2	4.714	1157		0.92
5	M08689	IA537STD-25	27-Jul-22	13:19:14	3.176	19293.137	21404.797	25.314	101.3	4.438	1652		0.87
6	M08690	IA537STD-100	27-Jul-22	13:26:27	3.172	19011.564	80941.680	98.576	98.6	4.257	8808		0.92
7	M08691	IA537STD250	27-Jul-22	13:33:41	3.185	17815.227	186875.063	250.541	100.2	4.196	5066		0.83

Compound name: NMeFOSE
Coefficient of Determination: R^2 = 0.999753
Calibration curve: -0.000869968 * x^2 + 4.40475 * x
Response type: Internal Std (Ref 10), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

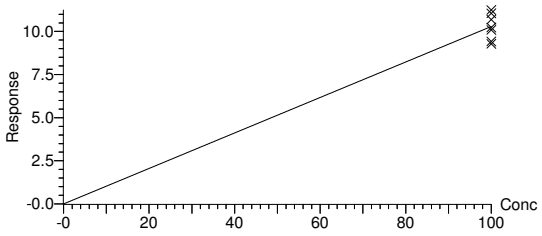
Client	: Soils Engineering Services, Inc.	Lab Number	: L2237198
Project Name	: GROSSINGERS	Project Number	: 9313
Instrument ID	: LCMS01	Ical Ref	: ICAL19209
Calibration dates	: 07/27/22 12:50 07/27/22 13:33		

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 14:04:31 Eastern Daylight Time

Compound name: d7-NMeFOSE

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	M08685	IA537STD-.5	27-Jul-22	12:50:24	3.163	18639.563	20960.381	109.306	109.3	0.112	2646		0.97
2	M08686	IA537STD-1.0	27-Jul-22	12:57:36	3.168	18665.311	20618.738	107.376	107.4	0.110	1708		0.93
3	M08687	IA537STD-2.5	27-Jul-22	13:04:49	3.163	17416.080	18612.357	103.880	103.9	0.107	2984		0.95
4	M08688	IA537STD-10	27-Jul-22	13:12:02	3.168	19416.809	18036.938	90.296	90.3	0.093	2023		0.94
5	M08689	IA537STD-25	27-Jul-22	13:19:14	3.163	18852.602	19293.137	99.475	99.5	0.102	3720		0.97
6	M08690	IA537STD-100	27-Jul-22	13:26:27	3.163	18836.510	19011.564	98.107	98.1	0.101	3555		0.94
7	M08691	IA537STD250	27-Jul-22	13:33:41	3.172	18913.496	17815.227	91.559	91.6	0.094	2859		0.93

Compound name: d7-NMeFOSE
Response Factor: 0.102877
RRF SD: 0.00757571, % Relative SD: 7.36386
Response type: Internal Std (Ref 1), Area * (IS Conc. / IS Area)
Curve type: RF



Initial Calibration Summary
Form 6
Semivolatiles

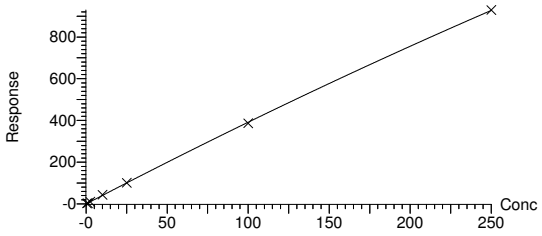
Client	: Soils Engineering Services, Inc.	Lab Number	: L2237198
Project Name	: GROSSINGERS	Project Number	: 9313
Instrument ID	: LCMS01	Ical Ref	: ICAL19209
Calibration dates	: 07/27/22 12:50 07/27/22 13:33		

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 14:04:31 Eastern Daylight Time

Compound name: NEtFOSE

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	M08685	IA537STD-.5	27-Jul-22	12:50:24	3.351	22491.322	397.478	0.436	87.2	3.535	364		1.02
2	M08686	IA537STD-1.0	27-Jul-22	12:57:36	3.351	21622.803	810.533	0.925	92.5	3.749	1918		1.10
3	M08687	IA537STD-2.5	27-Jul-22	13:04:49	3.348	19344.139	2047.484	2.613	104.5	4.234	405		1.06
4	M08688	IA537STD-10	27-Jul-22	13:12:02	3.354	19345.859	8423.075	10.779	107.8	4.354	1663		1.06
5	M08689	IA537STD-25	27-Jul-22	13:19:14	3.348	20827.654	21029.758	25.120	100.5	4.039	6481		1.10
6	M08690	IA537STD-100	27-Jul-22	13:26:27	3.348	20630.803	79650.492	98.530	98.5	3.861	36272		1.03
7	M08691	IA537STD250	27-Jul-22	13:33:41	3.357	20177.102	187542.203	250.608	100.2	3.718	29935		1.07

Compound name: NEtFOSE
Coefficient of Determination: R^2 = 0.999698
Calibration curve: -0.00137729 * x^2 + 4.05406 * x
Response type: Internal Std (Ref 12), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary
Form 6
Semivolatiles

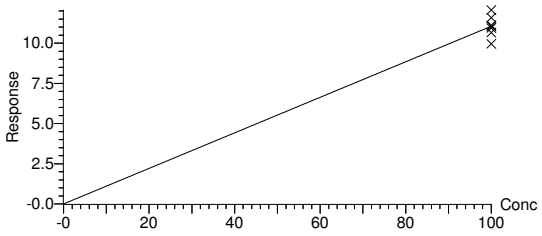
Client	: Soils Engineering Services, Inc.		Lab Number	: L2237198	
Project Name	: GROSSINGERS		Project Number	: 9313	
Instrument ID	: LCMS01		Ical Ref	: ICAL19209	
Calibration dates	: 07/27/22 12:50	07/27/22 13:33			

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 14:04:31 Eastern Daylight Time

Compound name: d9-NEtFOSE

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	M08685	IA537STD-.5	27-Jul-22	12:50:24	3.338	18639.563	22491.322	109.143	109.1	0.121	3349		1.07
2	M08686	IA537STD-1.0	27-Jul-22	12:57:36	3.341	18665.311	21622.803	104.783	104.8	0.116	2809		1.07
3	M08687	IA537STD-2.5	27-Jul-22	13:04:49	3.338	17416.080	19344.139	100.465	100.5	0.111	5275		1.03
4	M08688	IA537STD-10	27-Jul-22	13:12:02	3.343	19416.809	19345.859	90.121	90.1	0.100	5676		1.03
5	M08689	IA537STD-25	27-Jul-22	13:19:14	3.338	18852.602	20827.654	99.927	99.9	0.110	3957		1.07
6	M08690	IA537STD-100	27-Jul-22	13:26:27	3.335	18836.510	20630.803	99.067	99.1	0.110	5883		1.07
7	M08691	IA537STD250	27-Jul-22	13:33:41	3.343	18913.496	20177.102	96.494	96.5	0.107	5595		1.11

Compound name: d9-NEtFOSE
Response Factor: 0.110557
RRF SD: 0.00665555, % Relative SD: 6.02003
Response type: Internal Std (Ref 1), Area * (IS Conc. / IS Area)
Curve type: RF



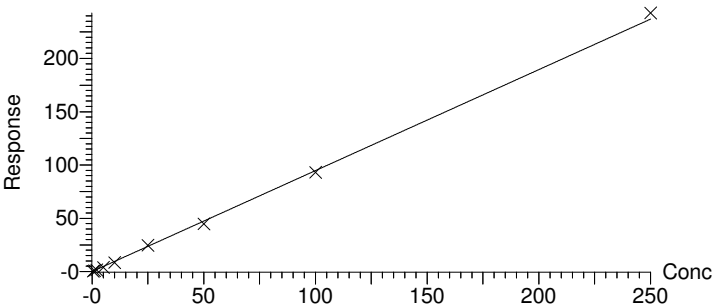
Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\MethDB\537ISO_Q_220725.mdb 26 Jul 2022 09:31:55
Calibration: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\CurveDB\220725_ICAL.cdb 26 Jul 2022 09:37:13

Compound name: PFBA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	2.101	41664.820	1715.623	0.434	86.9	0.824	3440		1.02
2	I23886	IA537STD-1	26-Jul-22	00:13:04	2.103	40839.871	3316.393	0.856	85.6	0.812	3426		0.98
3	I23887	IA537STD-2	26-Jul-22	00:29:36	2.068	42798.508	6899.799	1.700	85.0	0.806	8881		0.91
4	I23888	IA537STD-5	26-Jul-22	00:46:09	2.070	43071.613	17417.834	4.265	85.3	0.809	3244		0.89
5	I23889	IA537STD-10	26-Jul-22	01:02:44	2.070	43393.262	36365.289	8.839	88.4	0.838	27195		0.92
6	I23890	IA537STD-25	26-Jul-22	01:19:18	2.073	43713.645	107376.555	25.908	103.6	0.983	55456		0.95
7	I23891	IA537STD-50	26-Jul-22	01:35:51	2.070	43618.902	195335.063	47.233	94.5	0.896	155233		0.88
8	I23892	IA537STD-100	26-Jul-22	01:52:25	2.070	42882.867	399314.906	98.213	98.2	0.931	15290		0.86
9	I23893	IA537STD-250	26-Jul-22	02:08:59	2.068	39875.445	968045.063	256.051	102.4	0.971	488684		0.79

Compound name: PFBA
Coefficient of Determination: R^2 = 0.998402
Calibration curve: 0.948119 * x
Response type: Internal Std (Ref 3), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



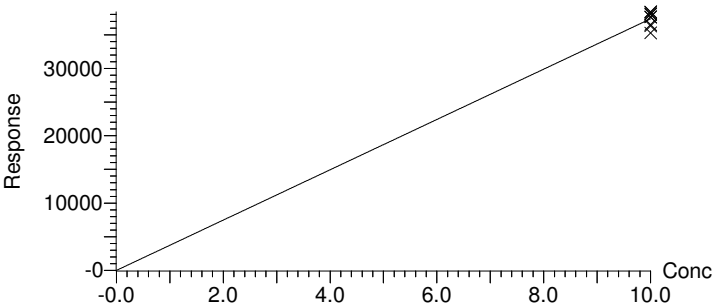
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: M3PFBA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	2.118		36496.156	9.768	97.7	3649.616	24813		0.71
2	I23886	IA537STD-1	26-Jul-22	00:13:04	2.123		36314.910	9.719	97.2	3631.491	37740		0.64
3	I23887	IA537STD-2	26-Jul-22	00:29:36	2.090		37639.910	10.074	100.7	3763.991	29157		0.64
4	I23888	IA537STD-5	26-Jul-22	00:46:09	2.095		38022.160	10.176	101.8	3802.216	11463		0.60
5	I23889	IA537STD-10	26-Jul-22	01:02:44	2.092		38377.563	10.271	102.7	3837.756	30624		0.64
6	I23890	IA537STD-25	26-Jul-22	01:19:18	2.090		38125.230	10.204	102.0	3812.523	11875		0.70
7	I23891	IA537STD-50	26-Jul-22	01:35:51	2.097		38402.359	10.278	102.8	3840.236	13737		0.58
8	I23892	IA537STD-100	26-Jul-22	01:52:25	2.097		37627.410	10.070	100.7	3762.741	21773		0.56
9	I23893	IA537STD-250	26-Jul-22	02:08:59	2.097		35274.023	9.441	94.4	3527.402	12326		0.50

Compound name: M3PFBA
Response Factor: 3736.44
RRF SD: 108.889, % Relative SD: 2.91424
Response type: External Std, Area
Curve type: RF



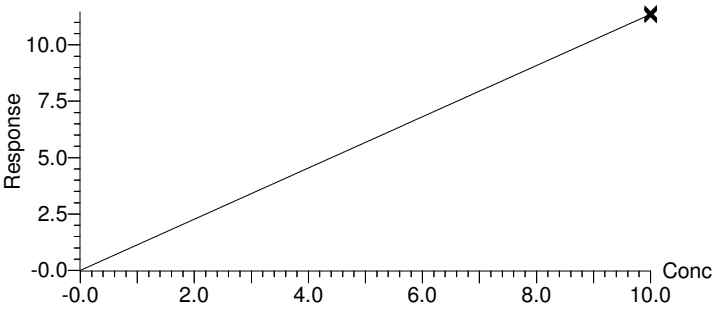
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: MPFBA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	2.117	36496.156	41664.820	10.054	100.5	1.142	14203		0.72
2	I23886	IA537STD-1	26-Jul-22	00:13:04	2.124	36314.910	40839.871	9.904	99.0	1.125	8247		0.63
3	I23887	IA537STD-2	26-Jul-22	00:29:36	2.089	37639.910	42798.508	10.014	100.1	1.137	10150		0.64
4	I23888	IA537STD-5	26-Jul-22	00:46:09	2.093	38022.160	43071.613	9.976	99.8	1.133	13580		0.61
5	I23889	IA537STD-10	26-Jul-22	01:02:44	2.091	38377.563	43393.262	9.958	99.6	1.131	16548		0.65
6	I23890	IA537STD-25	26-Jul-22	01:19:18	2.091	38125.230	43713.645	10.098	101.0	1.147	14336		0.70
7	I23891	IA537STD-50	26-Jul-22	01:35:51	2.095	38402.359	43618.902	10.003	100.0	1.136	23240		0.58
8	I23892	IA537STD-100	26-Jul-22	01:52:25	2.095	37627.410	42882.867	10.037	100.4	1.140	12256		0.56
9	I23893	IA537STD-250	26-Jul-22	02:08:59	2.095	35274.023	39875.445	9.956	99.6	1.130	10073		0.50

Compound name: MPFBA
Response Factor: 1.13548
RRF SD: 0.00665966, % Relative SD: 0.586507
Response type: Internal Std (Ref 2), Area * (IS Conc. / IS Area)
Curve type: RF



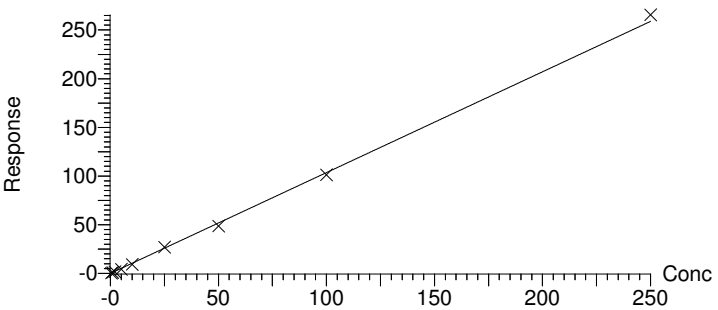
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: PFPeA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	4.687	41794.598	1851.649	0.428	85.6	0.886	414		0.96
2	I23886	IA537STD-1	26-Jul-22	00:13:04	4.681	40342.293	3747.185	0.897	89.7	0.929	360		0.93
3	I23887	IA537STD-2	26-Jul-22	00:29:36	4.666	42447.574	7480.990	1.702	85.1	0.881	1746		0.95
4	I23888	IA537STD-5	26-Jul-22	00:46:09	4.670	43505.293	19119.434	4.244	84.9	0.879	2702		0.89
5	I23889	IA537STD-10	26-Jul-22	01:02:44	4.666	43324.438	39665.004	8.842	88.4	0.916	2295		0.93
6	I23890	IA537STD-25	26-Jul-22	01:19:18	4.664	43156.480	116097.086	25.980	103.9	1.076	10299		0.96
7	I23891	IA537STD-50	26-Jul-22	01:35:51	4.662	43175.742	210278.391	47.035	94.1	0.974	33860		0.89
8	I23892	IA537STD-100	26-Jul-22	01:52:25	4.661	41349.379	419050.844	97.872	97.9	1.013	28710		0.85
9	I23893	IA537STD-250	26-Jul-22	02:08:59	4.662	37080.074	984839.875	256.500	102.6	1.062	94077		0.78

Compound name: PFPeA
Coefficient of Determination: R^2 = 0.998259
Calibration curve: 1.03547 * x
Response type: Internal Std (Ref 5), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



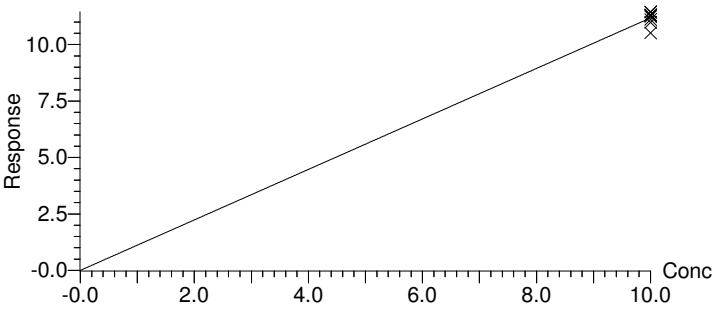
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: M5PFPEA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	4.684	36496.156	41794.598	10.242	102.4	1.145	6513		1.02
2	I23886	IA537STD-1	26-Jul-22	00:13:04	4.677	36314.910	40342.293	9.935	99.4	1.111	16784		1.00
3	I23887	IA537STD-2	26-Jul-22	00:29:36	4.664	37639.910	42447.574	10.086	100.9	1.128	5048		0.99
4	I23888	IA537STD-5	26-Jul-22	00:46:09	4.665	38022.160	43505.293	10.233	102.3	1.144	2249		0.99
5	I23889	IA537STD-10	26-Jul-22	01:02:44	4.663	38377.563	43324.438	10.096	101.0	1.129	3588		1.00
6	I23890	IA537STD-25	26-Jul-22	01:19:18	4.661	38125.230	43156.480	10.124	101.2	1.132	3140		1.01
7	I23891	IA537STD-50	26-Jul-22	01:35:51	4.659	38402.359	43175.742	10.055	100.6	1.124	9119		0.97
8	I23892	IA537STD-100	26-Jul-22	01:52:25	4.656	37627.410	41349.379	9.828	98.3	1.099	6096		0.96
9	I23893	IA537STD-250	26-Jul-22	02:08:59	4.654	35274.023	37080.074	9.401	94.0	1.051	1583		0.93

Compound name: M5PFPEA
Response Factor: 1.11814
RRF SD: 0.029048, % Relative SD: 2.59787
Response type: Internal Std (Ref 2), Area * (IS Conc. / IS Area)
Curve type: RF



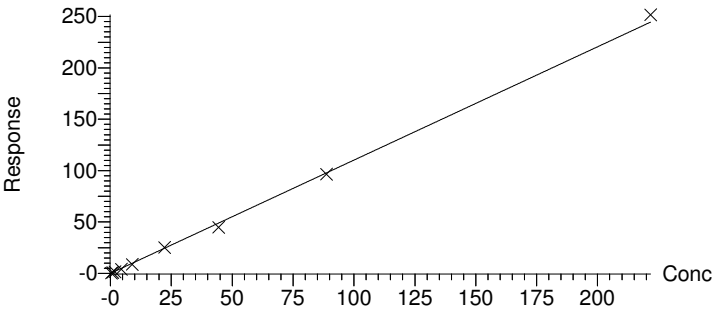
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: PFBS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	5.272	15842.368	708.995	0.378	85.3	0.940	155	79	0.90
2	I23886	IA537STD-1	26-Jul-22	00:13:04	5.259	15689.002	1315.575	0.709	79.9	0.881	113	153	0.99
3	I23887	IA537STD-2	26-Jul-22	00:29:36	5.260	15813.672	2728.463	1.458	82.2	0.906	768	69	0.76
4	I23888	IA537STD-5	26-Jul-22	00:46:09	5.257	16121.948	7026.198	3.683	83.0	0.916	1682	804	0.82
5	I23889	IA537STD-10	26-Jul-22	01:02:44	5.250	15705.815	14475.750	7.789	87.8	0.968	54	80	0.88
6	I23890	IA537STD-25	26-Jul-22	01:19:18	5.248	15407.857	41878.598	22.971	103.6	1.142	4520	2617	0.96
7	I23891	IA537STD-50	26-Jul-22	01:35:51	5.247	15400.353	74151.570	40.693	91.8	1.012	4678	3330	0.83
8	I23892	IA537STD-100	26-Jul-22	01:52:25	5.245	14036.856	145364.516	87.522	98.7	1.088	4050	3234	0.76
9	I23893	IA537STD-250	26-Jul-22	02:08:59	5.245	11871.486	320521.063	228.181	102.9	1.135	5085	4594	0.71

Compound name: PFBS
Coefficient of Determination: R^2 = 0.997644
Calibration curve: 1.10278 * x
Response type: Internal Std (Ref 7), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



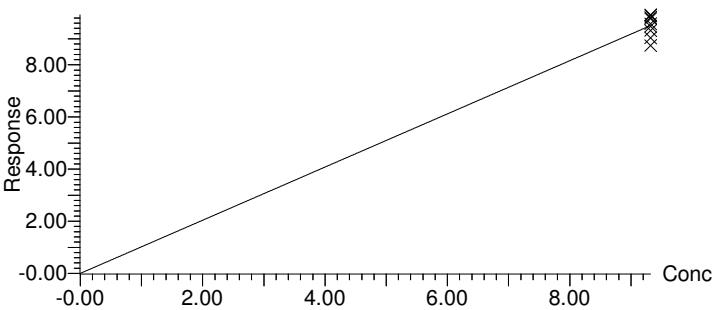
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: M3PFBS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	5.268	16713.672	15842.368	9.291	99.7	1.017	1883		0.97
2	I23886	IA537STD-1	26-Jul-22	00:13:04	5.261	16379.509	15689.002	9.389	100.7	1.028	3286		0.89
3	I23887	IA537STD-2	26-Jul-22	00:29:36	5.253	15987.877	15813.672	9.695	104.0	1.061	945		0.92
4	I23888	IA537STD-5	26-Jul-22	00:46:09	5.254	17840.250	16121.948	8.858	95.0	0.970	941		0.86
5	I23889	IA537STD-10	26-Jul-22	01:02:44	5.251	15981.821	15705.815	9.633	103.4	1.054	66		0.87
6	I23890	IA537STD-25	26-Jul-22	01:19:18	5.249	17614.566	15407.857	8.574	92.0	0.939	790		0.92
7	I23891	IA537STD-50	26-Jul-22	01:35:51	5.247	15523.022	15400.353	9.724	104.3	1.064	457		0.80
8	I23892	IA537STD-100	26-Jul-22	01:52:25	5.243	15063.803	14036.856	9.134	98.0	1.000	242		0.81
9	I23893	IA537STD-250	26-Jul-22	02:08:59	5.245	12142.486	11871.486	9.583	102.8	1.049	84		0.68

Compound name: M3PFBS
Response Factor: 1.02021
RRF SD: 0.0438156, % Relative SD: 4.29474
Response type: Internal Std (Ref 32), Area * (IS Conc. / IS Area)
Curve type: RF



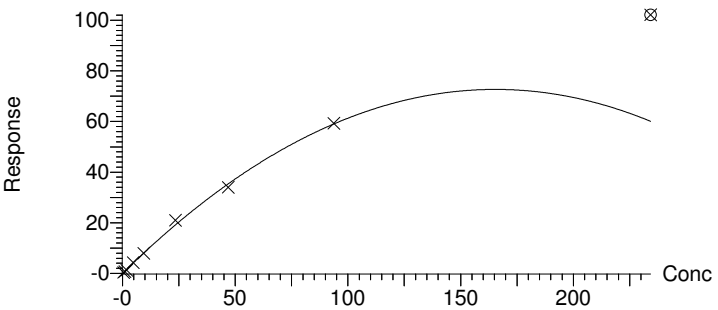
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: 4:2FTS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	6.357	2757.664	95.263	0.369	78.8	0.692	29	17	1.09
2	I23886	IA537STD-1	26-Jul-22	00:13:04	6.347	2574.213	197.608	0.821	87.6	0.768	5	32	1.15
3	I23887	IA537STD-2	26-Jul-22	00:29:36	6.351	2689.923	370.661	1.477	78.8	0.690	34	64	0.87
4	I23888	IA537STD-5	26-Jul-22	00:46:09	6.347	2692.692	1221.805	4.915	104.9	0.908	350	673	0.98
5	I23889	IA537STD-10	26-Jul-22	01:02:44	6.339	2901.444	2446.241	9.257	98.8	0.844	37	382	1.13
6	I23890	IA537STD-25	26-Jul-22	01:19:18	6.339	3252.203	7275.812	25.904	110.6	0.896	334	1869	1.09
7	I23891	IA537STD-50	26-Jul-22	01:35:51	6.333	3672.883	13307.498	44.709	95.4	0.725	6636	2391	1.05
8	I23892	IA537STD-100	26-Jul-22	01:52:25	6.333	4340.710	27420.174	94.293	100.6	0.632	2547	1899	1.08
9	I23893	IA537STD-250	26-Jul-22	02:08:59	6.327	6273.061	68316.234			0.436	7070	4576	1.03

Compound name: 4:2FTS
Coefficient of Determination: R^2 = 0.998229
Calibration curve: -0.00265713 * x^2 + 0.878944 * x
Response type: Internal Std (Ref 9), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: Null, Axis trans: None



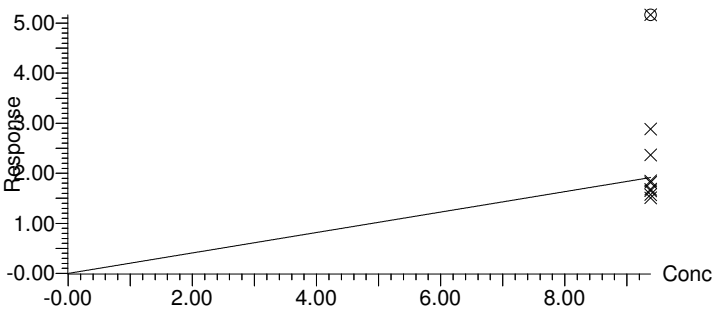
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: M2-4:2FTS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	6.357	16713.672	2757.664	8.080	86.1	0.176	178		1.07
2	I23886	IA537STD-1	26-Jul-22	00:13:04	6.353	16379.509	2574.213	7.697	82.1	0.168	1409		1.00
3	I23887	IA537STD-2	26-Jul-22	00:29:36	6.342	15987.877	2689.923	8.240	87.8	0.179	311		1.22
4	I23888	IA537STD-5	26-Jul-22	00:46:09	6.344	17840.250	2692.692	7.392	78.8	0.161	129		1.05
5	I23889	IA537STD-10	26-Jul-22	01:02:44	6.339	15981.821	2901.444	8.891	94.8	0.194	1367		1.05
6	I23890	IA537STD-25	26-Jul-22	01:19:18	6.339	17614.566	3252.203	9.042	96.4	0.197	626		1.12
7	I23891	IA537STD-50	26-Jul-22	01:35:51	6.330	15523.022	3672.883	11.587	123.5	0.252	793		1.11
8	I23892	IA537STD-100	26-Jul-22	01:52:25	6.333	15063.803	4340.710	14.112	150.4	0.307	767		1.04
9	I23893	IA537STD-250	26-Jul-22	02:08:59	6.327	12142.486	6273.061	25.300	269.7	0.551	816		1.01

Compound name: M2-4:2FTS
Response Factor: 0.204195
RRF SD: 0.050314, % Relative SD: 24.6402
Response type: Internal Std (Ref 32), Area * (IS Conc. / IS Area)
Curve type: RF



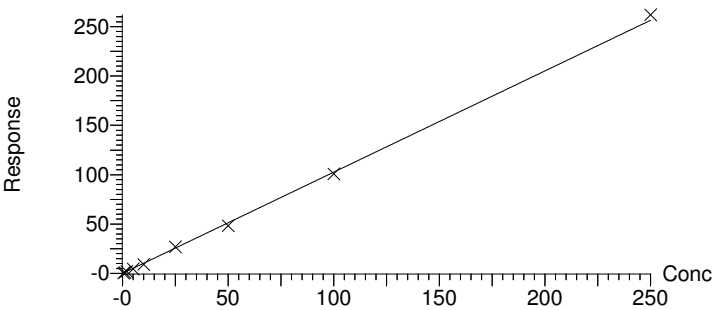
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: PFHxA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	6.436	52197.773	2445.680	0.457	91.3	0.937	182	49	1.07
2	I23886	IA537STD-1	26-Jul-22	00:13:04	6.429	52258.227	4664.797	0.870	87.0	0.893	432	98	1.05
3	I23887	IA537STD-2	26-Jul-22	00:29:36	6.422	53181.832	9730.102	1.783	89.2	0.915	1293	8	1.18
4	I23888	IA537STD-5	26-Jul-22	00:46:09	6.423	54538.777	24257.295	4.335	86.7	0.890	3584	171	1.09
5	I23889	IA537STD-10	26-Jul-22	01:02:44	6.418	54758.895	50064.648	8.912	89.1	0.914	3610	78786	1.06
6	I23890	IA537STD-25	26-Jul-22	01:19:18	6.418	53658.059	144454.844	26.242	105.0	1.077	10193	988	1.08
7	I23891	IA537STD-50	26-Jul-22	01:35:51	6.410	53073.242	256722.406	47.150	94.3	0.967	20684	2222	1.08
8	I23892	IA537STD-100	26-Jul-22	01:52:25	6.412	49551.262	500041.844	98.366	98.4	1.009	10402	6559	1.06
9	I23893	IA537STD-250	26-Jul-22	02:08:59	6.404	43648.773	1143607.500	255.386	102.2	1.048	35956	4125	1.11

Compound name: PFHxA
Coefficient of Determination: R^2 = 0.998549
Calibration curve: 1.02591 * x
Response type: Internal Std (Ref 11), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



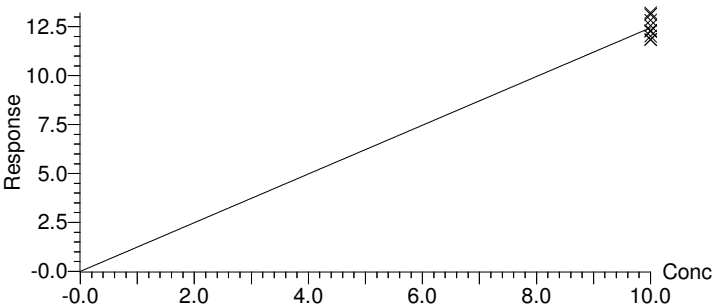
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: M5PFHxA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	6.434	42590.730	52197.773	9.848	98.5	1.226	5765		1.07
2	I23886	IA537STD-1	26-Jul-22	00:13:04	6.427	39789.082	52258.227	10.554	105.5	1.313	3379		1.10
3	I23887	IA537STD-2	26-Jul-22	00:29:36	6.422	41422.008	53181.832	10.317	103.2	1.284	5849		1.13
4	I23888	IA537STD-5	26-Jul-22	00:46:09	6.421	43420.129	54538.777	10.093	100.9	1.256	6104		1.10
5	I23889	IA537STD-10	26-Jul-22	01:02:44	6.416	41458.664	54758.895	10.613	106.1	1.321	4333		1.12
6	I23890	IA537STD-25	26-Jul-22	01:19:18	6.416	44683.723	53658.059	9.649	96.5	1.201	2074		1.10
7	I23891	IA537STD-50	26-Jul-22	01:35:51	6.410	44823.180	53073.242	9.514	95.1	1.184	1228		1.03
8	I23892	IA537STD-100	26-Jul-22	01:52:25	6.410	41830.828	49551.262	9.518	95.2	1.185	1875		1.11
9	I23893	IA537STD-250	26-Jul-22	02:08:59	6.404	35450.852	43648.773	9.894	98.9	1.231	1577		1.07

Compound name: M5PFHxA
Response Factor: 1.24449
RRF SD: 0.0523685, % Relative SD: 4.20802
Response type: Internal Std (Ref 23), Area * (IS Conc. / IS Area)
Curve type: RF



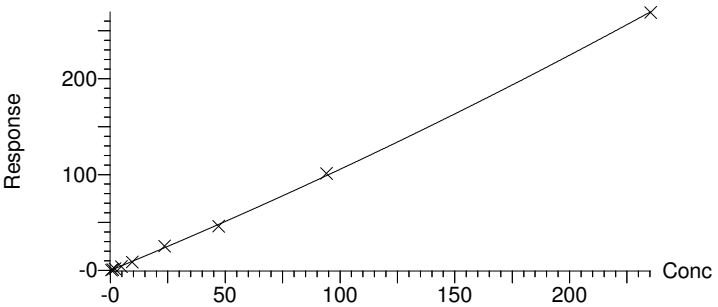
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: PFPeS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	6.737	17812.373	793.313	0.428	90.9	0.897	33	7450	1.27
2	I23886	IA537STD-1	26-Jul-22	00:13:04	6.734	16444.639	1602.263	0.936	99.4	0.982	379	322	1.05
3	I23887	IA537STD-2	26-Jul-22	00:29:36	6.733	17290.350	3079.524	1.709	90.8	0.897	683	394	1.10
4	I23888	IA537STD-5	26-Jul-22	00:46:09	6.731	17879.152	7661.896	4.106	87.3	0.863	987	80955	1.02
5	I23889	IA537STD-10	26-Jul-22	01:02:44	6.725	17063.047	15583.477	8.723	92.7	0.920	1619	169523	1.05
6	I23890	IA537STD-25	26-Jul-22	01:19:18	6.725	16768.635	44894.520	25.283	107.5	1.079	2046	2535	1.11
7	I23891	IA537STD-50	26-Jul-22	01:35:51	6.717	16033.732	77999.273	45.324	96.3	0.980	9286	4610	1.05
8	I23892	IA537STD-100	26-Jul-22	01:52:25	6.717	14034.834	149570.438	96.032	102.1	1.074	8398	5622	1.09
9	I23893	IA537STD-250	26-Jul-22	02:08:59	6.709	11262.957	319776.469	234.761	99.8	1.144	11833	6952	1.08

Compound name: PFPeS
Coefficient of Determination: R^2 = 0.999170
Calibration curve: 0.000680986 * x^2 + 0.986637 * x
Response type: Internal Std (Ref 18), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



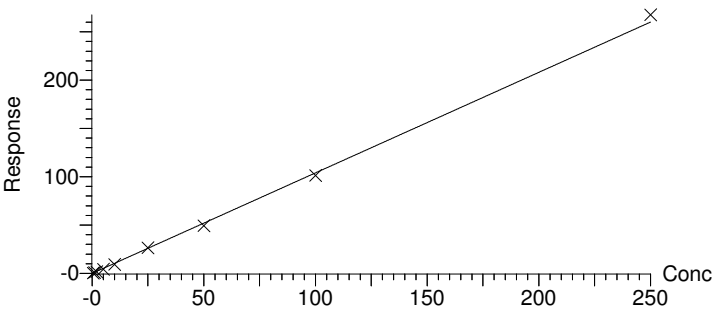
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: PFHpA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	7.678	43786.879	2008.659	0.441	88.2	0.917	201	64	0.91
2	I23886	IA537STD-1	26-Jul-22	00:13:04	7.664	43400.902	4120.796	0.912	91.2	0.949	524	158	1.28
3	I23887	IA537STD-2	26-Jul-22	00:29:36	7.665	44622.160	7814.801	1.683	84.2	0.876	661	46202	1.10
4	I23888	IA537STD-5	26-Jul-22	00:46:09	7.664	46175.172	20357.145	4.237	84.7	0.882	553	1026	1.08
5	I23889	IA537STD-10	26-Jul-22	01:02:44	7.654	46374.430	42604.301	8.829	88.3	0.919	5573	1327	1.12
6	I23890	IA537STD-25	26-Jul-22	01:19:18	7.658	46285.285	122604.523	25.457	101.8	1.060	21268	2655	1.15
7	I23891	IA537STD-50	26-Jul-22	01:35:51	7.654	44334.215	218919.938	47.456	94.9	0.988	19287	4549	1.07
8	I23892	IA537STD-100	26-Jul-22	01:52:25	7.654	41115.602	416320.469	97.312	97.3	1.013	9951	8213	1.09
9	I23893	IA537STD-250	26-Jul-22	02:08:59	7.651	35462.426	948954.375	257.172	102.9	1.070	6852	9038	1.10

Compound name: PFHpA
Coefficient of Determination: R^2 = 0.998278
Calibration curve: 1.04053 * x
Response type: Internal Std (Ref 14), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



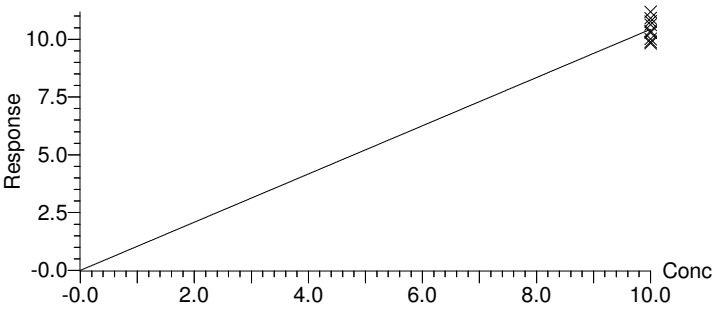
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: M4PFHpA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	7.675	42590.730	43786.879	9.858	98.6	1.028	1176		1.06
2	I23886	IA537STD-1	26-Jul-22	00:13:04	7.664	39789.082	43400.902	10.459	104.6	1.091	4047		1.15
3	I23887	IA537STD-2	26-Jul-22	00:29:36	7.665	41422.008	44622.160	10.329	103.3	1.077	4636		1.06
4	I23888	IA537STD-5	26-Jul-22	00:46:09	7.664	43420.129	46175.172	10.197	102.0	1.063	2138		1.08
5	I23889	IA537STD-10	26-Jul-22	01:02:44	7.654	41458.664	46374.430	10.725	107.3	1.119	1192		1.10
6	I23890	IA537STD-25	26-Jul-22	01:19:18	7.658	44683.723	46285.285	9.932	99.3	1.036	2572		1.08
7	I23891	IA537STD-50	26-Jul-22	01:35:51	7.651	44823.180	44334.215	9.484	94.8	0.989	9551		1.14
8	I23892	IA537STD-100	26-Jul-22	01:52:25	7.651	41830.828	41115.602	9.424	94.2	0.983	2520		1.16
9	I23893	IA537STD-250	26-Jul-22	02:08:59	7.648	35450.852	35462.426	9.592	95.9	1.000	709725		1.20

Compound name: M4PFHpA
Response Factor: 1.04292
RRF SD: 0.0476939, % Relative SD: 4.5731
Response type: Internal Std (Ref 23), Area * (IS Conc. / IS Area)
Curve type: RF



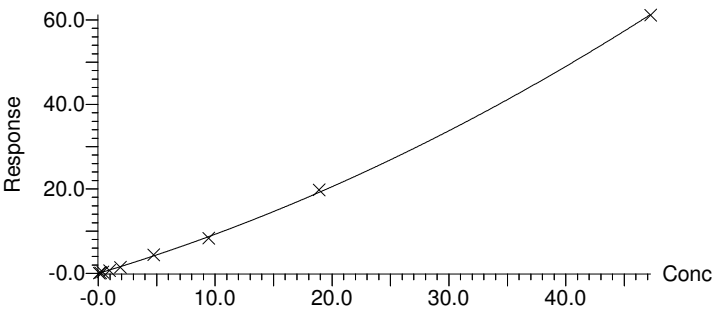
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: br-PFHxS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	7.608	17812.373	115.910	0.075	78.9	0.653	50	11	0.41
2	I23886	IA537STD-1	26-Jul-22	00:13:04	7.597	16444.639	237.419	0.165	87.4	0.724	121	18	0.55
3	I23887	IA537STD-2	26-Jul-22	00:29:36	7.598	17290.350	506.301	0.334	88.4	0.734	119	51	0.45
4	I23888	IA537STD-5	26-Jul-22	00:46:09	7.597	17879.152	1292.517	0.821	86.8	0.725	160	36	0.45
5	I23889	IA537STD-10	26-Jul-22	01:02:44	7.584	17063.047	2644.103	1.740	92.1	0.777	403	115	0.49
6	I23890	IA537STD-25	26-Jul-22	01:19:18	7.588	16768.635	7761.324	5.004	105.9	0.929	830	528	0.49
7	I23891	IA537STD-50	26-Jul-22	01:35:51	7.581	16033.732	14144.616	9.113	96.4	0.885	1003	1297	0.49
8	I23892	IA537STD-100	26-Jul-22	01:52:25	7.581	14034.834	29243.953	19.370	102.5	1.045	1650	1400	0.50
9	I23893	IA537STD-250	26-Jul-22	02:08:59	7.578	11262.957	72610.703	47.150	99.8	1.293	4750	4922	0.50

Compound name: br-PFHxS
Coefficient of Determination: R^2 = 0.999336
Calibration curve: 0.00995074 * x^2 + 0.827038 * x
Response type: Internal Std (Ref 18), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



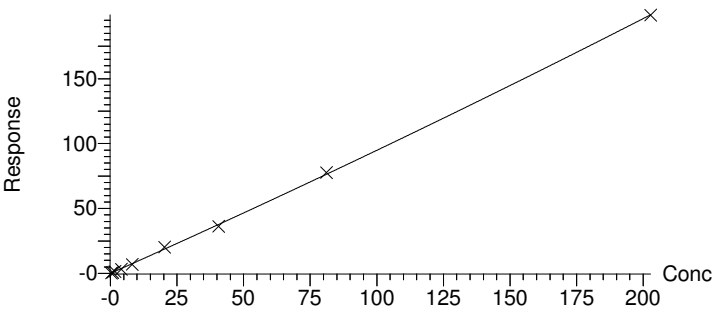
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: L-PFHxS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	7.836	17812.373	619.846	0.361	88.9	0.814	437	178	1.13
2	I23886	IA537STD-1	26-Jul-22	00:13:04	7.826	16444.639	1191.050	0.750	92.5	0.847	1005	181	1.17
3	I23887	IA537STD-2	26-Jul-22	00:29:36	7.827	17290.350	2583.077	1.547	95.4	0.873	985	598	1.09
4	I23888	IA537STD-5	26-Jul-22	00:46:09	7.826	17879.152	6125.373	3.546	87.4	0.801	1227	442	1.08
5	I23889	IA537STD-10	26-Jul-22	01:02:44	7.818	17063.047	12639.747	7.655	94.4	0.866	3083	1156	1.08
6	I23890	IA537STD-25	26-Jul-22	01:19:18	7.821	16768.635	35635.781	21.850	107.8	0.994	6162	5330	1.12
7	I23891	IA537STD-50	26-Jul-22	01:35:51	7.815	16033.732	61490.078	39.184	96.6	0.897	6690	11547	1.12
8	I23892	IA537STD-100	26-Jul-22	01:52:25	7.815	14034.834	114896.070	82.365	101.6	0.957	9976	11464	1.15
9	I23893	IA537STD-250	26-Jul-22	02:08:59	7.812	11262.957	236229.250	202.414	99.8	0.981	22643	31198	1.22

Compound name: L-PFHxS
Coefficient of Determination: R^2 = 0.999212
Calibration curve: 0.000333738 * x^2 + 0.914757 * x
Response type: Internal Std (Ref 18), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



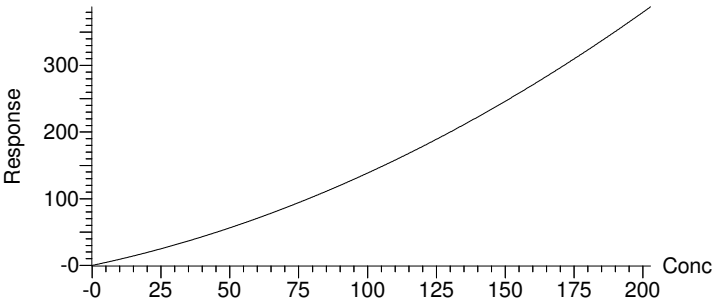
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: PFHxS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	ng/mL	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30		17812.373	735.756	0.435					
2	I23886	IA537STD-1	26-Jul-22	00:13:04		16444.639	1428.469	0.916					
3	I23887	IA537STD-2	26-Jul-22	00:29:36		17290.350	3089.378	1.882					
4	I23888	IA537STD-5	26-Jul-22	00:46:09		17879.152	7417.890	4.366					
5	I23889	IA537STD-10	26-Jul-22	01:02:44		17063.047	15283.850	9.395					
6	I23890	IA537STD-25	26-Jul-22	01:19:18		16768.635	43397.105	26.854					
7	I23891	IA537STD-50	26-Jul-22	01:35:51		16033.732	75634.694	48.297					
8	I23892	IA537STD-100	26-Jul-22	01:52:25		14034.834	144140.023	101.735					
9	I23893	IA537STD-250	26-Jul-22	02:08:59		11262.957	308839.953	249.564					

Compound name: PFHxS
Coefficient of Determination: 0.000000
Calibration curve: 0.870897 * x
Response type: Internal Std (Ref 18), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



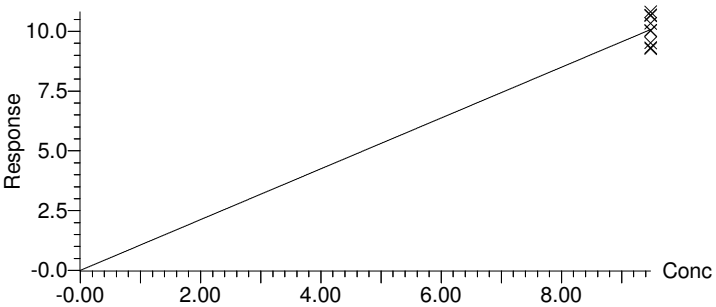
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: M3PFHxS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	7.836	16713.672	17812.373	10.031	105.8	1.124	1042		1.04
2	I23886	IA537STD-1	26-Jul-22	00:13:04	7.826	16379.509	16444.639	9.449	99.7	1.059	850		1.08
3	I23887	IA537STD-2	26-Jul-22	00:29:36	7.827	15987.877	17290.350	10.179	107.4	1.141	2060		1.05
4	I23888	IA537STD-5	26-Jul-22	00:46:09	7.823	17840.250	17879.152	9.432	99.5	1.057	4534		1.09
5	I23889	IA537STD-10	26-Jul-22	01:02:44	7.818	15981.821	17063.047	10.049	106.0	1.126	2028		1.00
6	I23890	IA537STD-25	26-Jul-22	01:19:18	7.821	17614.566	16768.635	8.960	94.5	1.004	3140		1.06
7	I23891	IA537STD-50	26-Jul-22	01:35:51	7.812	15523.022	16033.732	9.722	102.5	1.090	976		1.19
8	I23892	IA537STD-100	26-Jul-22	01:52:25	7.815	15063.803	14034.834	8.769	92.5	0.983	2495		1.12
9	I23893	IA537STD-250	26-Jul-22	02:08:59	7.812	12142.486	11262.957	8.730	92.1	0.978	732		1.15

Compound name: M3PFHxS
Response Factor: 1.06249
RRF SD: 0.0628339, % Relative SD: 5.91385
Response type: Internal Std (Ref 32), Area * (IS Conc. / IS Area)
Curve type: RF



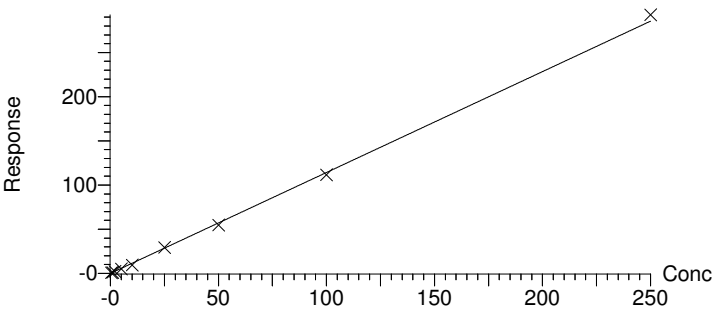
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: br-PFOA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	ng/mL	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30		40625.063							
2	I23886	IA537STD-1	26-Jul-22	00:13:04		40630.441							
3	I23887	IA537STD-2	26-Jul-22	00:29:36		38896.156							
4	I23888	IA537STD-5	26-Jul-22	00:46:09		40007.082							
5	I23889	IA537STD-10	26-Jul-22	01:02:44		44072.551							
6	I23890	IA537STD-25	26-Jul-22	01:19:18		44393.574							
7	I23891	IA537STD-50	26-Jul-22	01:35:51		41732.668							
8	I23892	IA537STD-100	26-Jul-22	01:52:25		38749.652							
9	I23893	IA537STD-250	26-Jul-22	02:08:59		34520.824							

Compound name: L-PFOA
Coefficient of Determination: R^2 = 0.998313
Calibration curve: 1.14208 * x
Response type: Internal Std (Ref 22), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



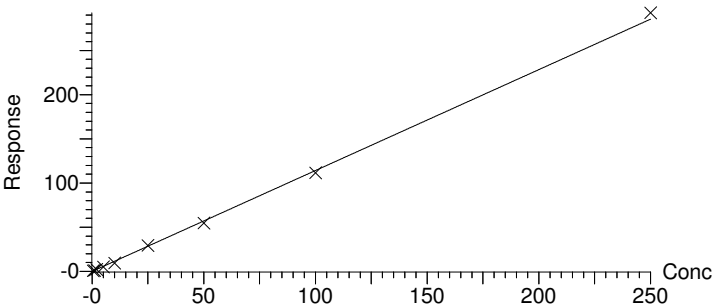
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: L-PFOA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	8.614	40625.063	2506.745	0.540	108.1	1.234	57881	4374	0.91
2	I23886	IA537STD-1	26-Jul-22	00:13:04	8.601	40630.441	3804.075	0.820	82.0	0.936	175	5951	1.11
3	I23887	IA537STD-2	26-Jul-22	00:29:36	8.602	38896.156	8002.932	1.802	90.1	1.029	177	42	1.03
4	I23888	IA537STD-5	26-Jul-22	00:46:09	8.601	40007.082	20643.254	4.518	90.4	1.032	453	227	1.09
5	I23889	IA537STD-10	26-Jul-22	01:02:44	8.593	44072.551	41922.930	8.329	83.3	0.951	947	552	1.13
6	I23890	IA537STD-25	26-Jul-22	01:19:18	8.597	44393.574	130800.758	25.798	103.2	1.179	2201	1668	1.05
7	I23891	IA537STD-50	26-Jul-22	01:35:51	8.593	41732.668	227642.781	47.762	95.5	1.091	3389	444	1.09
8	I23892	IA537STD-100	26-Jul-22	01:52:25	8.593	38749.652	432252.750	97.673	97.7	1.116	7837	2218	1.10
9	I23893	IA537STD-250	26-Jul-22	02:08:59	8.593	34520.824	1010314.438	256.259	102.5	1.171	23098	3059513	1.07

Compound name: L-PFOA
Coefficient of Determination: R^2 = 0.998313
Calibration curve: 1.14208 * x
Response type: Internal Std (Ref 22), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



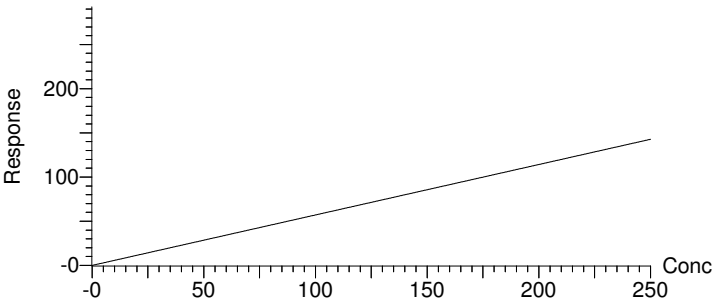
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: PFOA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	ng/mL	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30		40625.063	2506.745	0.540					
2	I23886	IA537STD-1	26-Jul-22	00:13:04		40630.441	3804.075	0.820					
3	I23887	IA537STD-2	26-Jul-22	00:29:36		38896.156	8002.932	1.802					
4	I23888	IA537STD-5	26-Jul-22	00:46:09		40007.082	20643.254	4.518					
5	I23889	IA537STD-10	26-Jul-22	01:02:44		44072.551	41922.930	8.329					
6	I23890	IA537STD-25	26-Jul-22	01:19:18		44393.574	130800.758	25.798					
7	I23891	IA537STD-50	26-Jul-22	01:35:51		41732.668	227642.781	47.762					
8	I23892	IA537STD-100	26-Jul-22	01:52:25		38749.652	432252.750	97.673					
9	I23893	IA537STD-250	26-Jul-22	02:08:59		34520.824	1010314.438	256.259					

Compound name: PFOA
Coefficient of Determination: 0.000000
Calibration curve: 0.571041 * x
Response type: Internal Std (Ref 22), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



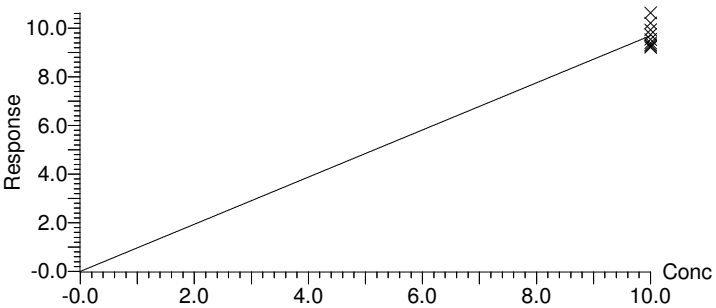
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: M8PFOA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	8.610	42590.730	40625.063	9.841	98.4	0.954	1899		1.08
2	I23886	IA537STD-1	26-Jul-22	00:13:04	8.601	39789.082	40630.441	10.536	105.4	1.021	701		1.10
3	I23887	IA537STD-2	26-Jul-22	00:29:36	8.602	41422.008	38896.156	9.688	96.9	0.939	418		1.09
4	I23888	IA537STD-5	26-Jul-22	00:46:09	8.601	43420.129	40007.082	9.506	95.1	0.921	3062		1.03
5	I23889	IA537STD-10	26-Jul-22	01:02:44	8.594	41458.664	44072.551	10.968	109.7	1.063	894169		1.12
6	I23890	IA537STD-25	26-Jul-22	01:19:18	8.598	44683.723	44393.574	10.250	102.5	0.994	2954		1.05
7	I23891	IA537STD-50	26-Jul-22	01:35:51	8.594	44823.180	41732.668	9.606	96.1	0.931	234		1.06
8	I23892	IA537STD-100	26-Jul-22	01:52:25	8.594	41830.828	38749.652	9.557	95.6	0.926	1034		1.06
9	I23893	IA537STD-250	26-Jul-22	02:08:59	8.589	35450.852	34520.824	10.047	100.5	0.974	666528		1.12

Compound name: M8PFOA
Response Factor: 0.969236
RRF SD: 0.0485301, % Relative SD: 5.00705
Response type: Internal Std (Ref 23), Area * (IS Conc. / IS Area)
Curve type: RF



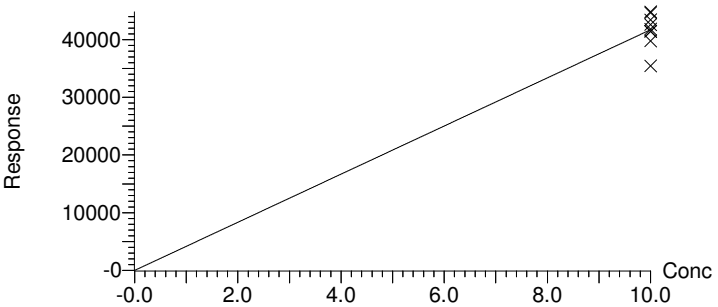
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: M2PFOA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	ng/mL	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	8.610		42590.730	10.209	102.1	4259.073	564		1.13
2	I23886	IA537STD-1	26-Jul-22	00:13:04	8.601		39789.082	9.537	95.4	3978.908	3911		1.10
3	I23887	IA537STD-2	26-Jul-22	00:29:36	8.602		41422.008	9.929	99.3	4142.201	1764		1.14
4	I23888	IA537STD-5	26-Jul-22	00:46:09	8.601		43420.129	10.408	104.1	4342.013	1048		1.07
5	I23889	IA537STD-10	26-Jul-22	01:02:44	8.593		41458.664	9.938	99.4	4145.866	199		1.12
6	I23890	IA537STD-25	26-Jul-22	01:19:18	8.598		44683.723	10.711	107.1	4468.372	1016881		1.03
7	I23891	IA537STD-50	26-Jul-22	01:35:51	8.594		44823.180	10.744	107.4	4482.318	180		1.12
8	I23892	IA537STD-100	26-Jul-22	01:52:25	8.594		41830.828	10.027	100.3	4183.083	119		1.05
9	I23893	IA537STD-250	26-Jul-22	02:08:59	8.589		35450.852	8.498	85.0	3545.085	1806		1.24

Compound name: M2PFOA
Response Factor: 4171.88
RRF SD: 285.618, % Relative SD: 6.84626
Response type: External Std, Area
Curve type: RF



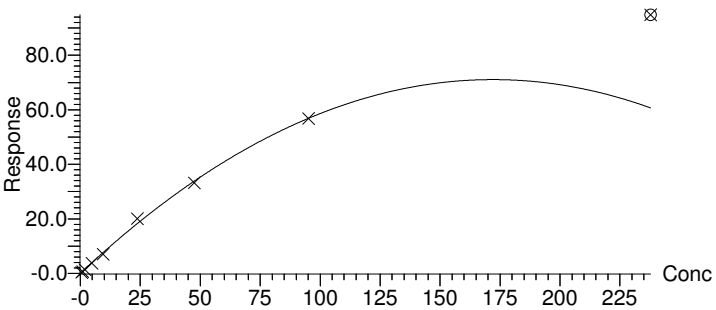
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: 6:2FTS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	8.569	3311.721	111.328	0.387	81.5	0.672	16	1562	1.18
2	I23886	IA537STD-1	26-Jul-22	00:13:04	8.564	3231.349	225.739	0.806	84.7	0.699	73	2119	0.95
3	I23887	IA537STD-2	26-Jul-22	00:29:36	8.561	3285.315	490.975	1.729	90.9	0.747	724	5158	1.12
4	I23888	IA537STD-5	26-Jul-22	00:46:09	8.560	3532.500	1390.097	4.590	96.5	0.787	5231	221	0.99
5	I23889	IA537STD-10	26-Jul-22	01:02:44	8.553	3627.772	2671.739	8.696	91.4	0.736	1347	1108	1.03
6	I23890	IA537STD-25	26-Jul-22	01:19:18	8.553	3941.253	8331.034	26.344	110.8	0.846	3475	5693	1.09
7	I23891	IA537STD-50	26-Jul-22	01:35:51	8.553	4212.638	14706.103	46.447	97.7	0.698	11132	1027	1.00
8	I23892	IA537STD-100	26-Jul-22	01:52:25	8.549	5010.349	29932.914	94.972	99.9	0.597	15553	3911	1.12
9	I23893	IA537STD-250	26-Jul-22	02:08:59	8.549	7316.032	72947.117			0.399	6444	19232	1.06

Compound name: 6:2FTS
Coefficient of Determination: R^2 = 0.996954
Calibration curve: -0.00240184 * x^2 + 0.826335 * x
Response type: Internal Std (Ref 25), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



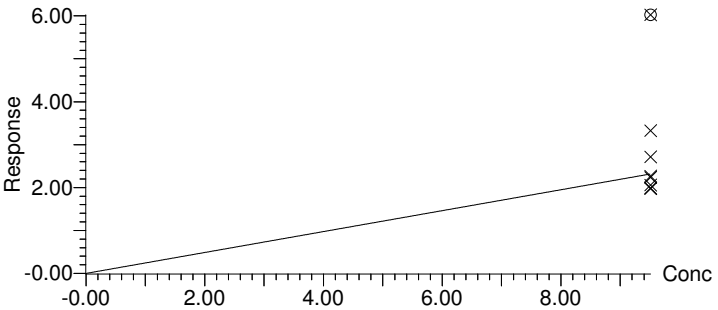
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: M2-6:2FTS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	8.570	16713.672	3311.721	8.133	85.5	0.208	807		1.05
2	I23886	IA537STD-1	26-Jul-22	00:13:04	8.561	16379.509	3231.349	8.097	85.1	0.207	2246		1.04
3	I23887	IA537STD-2	26-Jul-22	00:29:36	8.561	15987.877	3285.315	8.434	88.7	0.216	67957		1.04
4	I23888	IA537STD-5	26-Jul-22	00:46:09	8.561	17840.250	3532.500	8.127	85.5	0.208	1553		1.02
5	I23889	IA537STD-10	26-Jul-22	01:02:44	8.553	15981.821	3627.772	9.317	98.0	0.239	1774		1.03
6	I23890	IA537STD-25	26-Jul-22	01:19:18	8.553	17614.566	3941.253	9.183	96.6	0.235	1465		1.09
7	I23891	IA537STD-50	26-Jul-22	01:35:51	8.553	15523.022	4212.638	11.138	117.1	0.285	1736		1.01
8	I23892	IA537STD-100	26-Jul-22	01:52:25	8.553	15063.803	5010.349	13.651	143.5	0.350	1918		0.98
9	I23893	IA537STD-250	26-Jul-22	02:08:59	8.549	12142.486	7316.032	24.729	260.0	0.634	5791		1.04

Compound name: M2-6:2FTS
Response Factor: 0.243645
RRF SD: 0.0502338, % Relative SD: 20.6176
Response type: Internal Std (Ref 32), Area * (IS Conc. / IS Area)
Curve type: RF



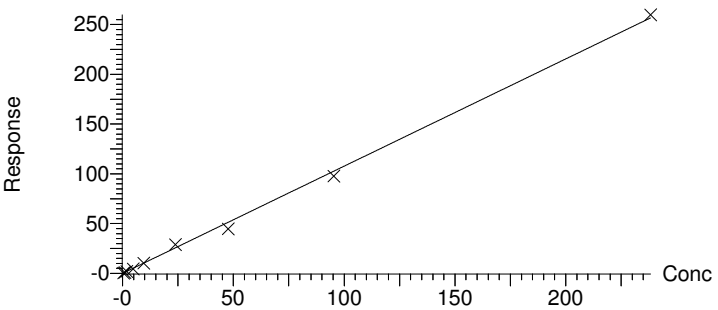
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: PFHpS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	8.704	16946.209	761.672	0.400	84.0	0.905	45	209	1.09
2	I23886	IA537STD-1	26-Jul-22	00:13:04	8.695	17271.336	1600.568	0.825	86.5	0.933	411	852	1.10
3	I23887	IA537STD-2	26-Jul-22	00:29:36	8.700	16739.957	3205.283	1.704	89.4	0.963	940	415	0.99
4	I23888	IA537STD-5	26-Jul-22	00:46:09	8.695	16533.510	7770.208	4.183	87.8	0.946	2761	1196	1.15
5	I23889	IA537STD-10	26-Jul-22	01:02:44	8.688	15253.115	16319.728	9.522	99.9	1.077	2800	749	1.14
6	I23890	IA537STD-25	26-Jul-22	01:19:18	8.692	15172.657	45764.688	26.845	112.7	1.214	8951	4426	1.06
7	I23891	IA537STD-50	26-Jul-22	01:35:51	8.688	16661.721	77536.445	41.417	86.9	0.937	8178	7283	1.10
8	I23892	IA537STD-100	26-Jul-22	01:52:25	8.688	14657.300	149192.094	90.590	95.1	1.024	27316	9807	1.10
9	I23893	IA537STD-250	26-Jul-22	02:08:59	8.688	11461.345	310476.625	241.093	101.2	1.090	21742	7137	1.09

Compound name: PFHpS
Coefficient of Determination: R^2 = 0.998415
Calibration curve: 1.07753 * x
Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: Null, Axis trans: None



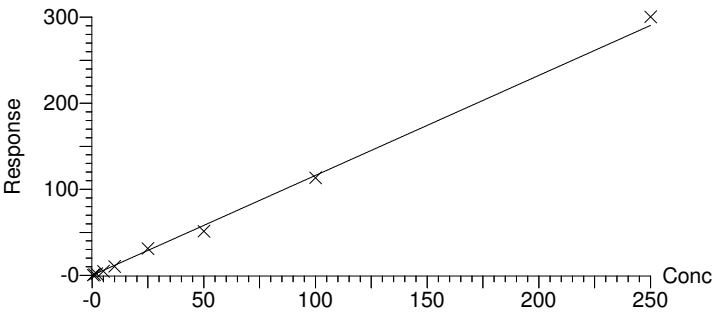
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: PFNA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	9.379	36571.012	1783.105	0.420	83.9	0.975	6	9	0.96
2	I23886	IA537STD-1	26-Jul-22	00:13:04	9.362	36186.691	3895.282	0.926	92.6	1.076	82788	22	1.12
3	I23887	IA537STD-2	26-Jul-22	00:29:36	9.371	39500.336	8062.973	1.757	87.8	1.021	112	50430	1.04
4	I23888	IA537STD-5	26-Jul-22	00:46:09	9.366	41697.082	19719.168	4.070	81.4	0.946	420314	87	1.04
5	I23889	IA537STD-10	26-Jul-22	01:02:44	9.363	40089.840	41741.207	8.960	89.6	1.041	406	250552	1.08
6	I23890	IA537STD-25	26-Jul-22	01:19:18	9.363	39974.129	124792.266	26.866	107.5	1.249	2762	142	1.02
7	I23891	IA537STD-50	26-Jul-22	01:35:51	9.359	39607.883	203625.391	44.243	88.5	1.028	972	3356	1.16
8	I23892	IA537STD-100	26-Jul-22	01:52:25	9.359	36309.598	412247.469	97.708	97.7	1.135	9134	1979	1.06
9	I23893	IA537STD-250	26-Jul-22	02:08:59	9.359	30259.789	909114.563	258.551	103.4	1.202	6917	12965	1.07

Compound name: PFNA
Coefficient of Determination: R^2 = 0.996543
Calibration curve: 1.162 * x
Response type: Internal Std (Ref 28), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



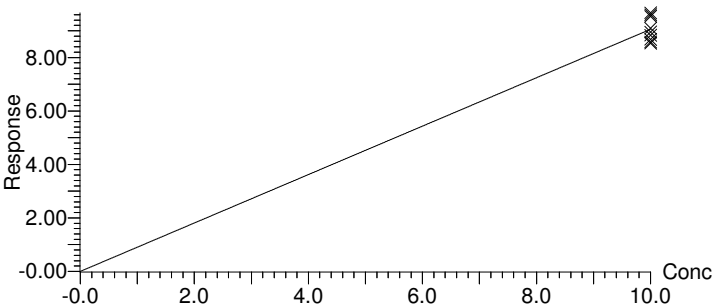
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: M9PFNA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	9.375	42590.730	36571.012	9.483	94.8	0.859	106		1.07
2	I23886	IA537STD-1	26-Jul-22	00:13:04	9.362	39789.082	36186.691	10.045	100.4	0.909	766426		1.19
3	I23887	IA537STD-2	26-Jul-22	00:29:36	9.367	41422.008	39500.336	10.532	105.3	0.954	458		1.10
4	I23888	IA537STD-5	26-Jul-22	00:46:09	9.366	43420.129	41697.082	10.606	106.1	0.960	682		1.09
5	I23889	IA537STD-10	26-Jul-22	01:02:44	9.359	41458.664	40089.840	10.680	106.8	0.967	475		1.12
6	I23890	IA537STD-25	26-Jul-22	01:19:18	9.359	44683.723	39974.129	9.880	98.8	0.895	887		1.13
7	I23891	IA537STD-50	26-Jul-22	01:35:51	9.359	44823.180	39607.883	9.759	97.6	0.884	171		1.16
8	I23892	IA537STD-100	26-Jul-22	01:52:25	9.359	41830.828	36309.598	9.587	95.9	0.868	639		1.04
9	I23893	IA537STD-250	26-Jul-22	02:08:59	9.359	35450.852	30259.789	9.427	94.3	0.854	4704		1.07

Compound name: M9PFNA
Response Factor: 0.905429
RRF SD: 0.0447317, % Relative SD: 4.94039
Response type: Internal Std (Ref 23), Area * (IS Conc. / IS Area)
Curve type: RF



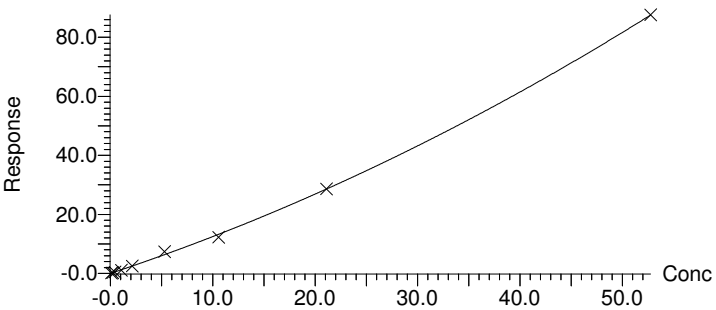
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: br-PFOS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	9.238	16946.209	179.265	0.088	83.5	0.962	60	16	0.35
2	I23886	IA537STD-1	26-Jul-22	00:13:04	9.158	17271.336	354.905	0.171	81.0	0.934	57	15	2.93
3	I23887	IA537STD-2	26-Jul-22	00:29:36	9.231	16739.957	768.800	0.381	90.4	1.044	119	23	0.41
4	I23888	IA537STD-5	26-Jul-22	00:46:09	9.227	16533.510	1898.549	0.949	89.9	1.044	352	139	0.40
5	I23889	IA537STD-10	26-Jul-22	01:02:44	9.224	15253.115	3983.881	2.137	101.3	1.187	862	50	0.38
6	I23890	IA537STD-25	26-Jul-22	01:19:18	9.224	15172.657	11729.900	6.125	116.1	1.405	635	384	0.39
7	I23891	IA537STD-50	26-Jul-22	01:35:51	9.224	16661.721	21283.100	9.831	93.2	1.161	2299	810	0.38
8	I23892	IA537STD-100	26-Jul-22	01:52:25	9.220	14657.300	43723.383	21.116	100.1	1.356	1751	1320	0.40
9	I23893	IA537STD-250	26-Jul-22	02:08:59	9.224	11461.345	104713.453	52.786	100.1	1.661	5912	2662	0.39

Compound name: br-PFOS
Coefficient of Determination: R^2 = 0.998354
Calibration curve: 0.00963122 * x^2 + 1.15143 * x
Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



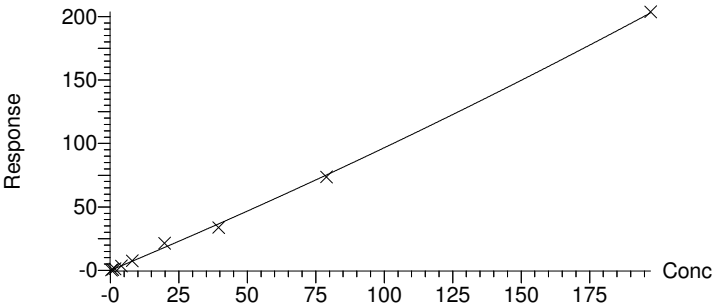
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: L-PFOS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	9.432	16946.209	585.444	0.367	93.0	0.840	318	214	1.12
2	I23886	IA537STD-1	26-Jul-22	00:13:04	9.419	17271.336	1165.132	0.716	90.8	0.820	422	256	1.17
3	I23887	IA537STD-2	26-Jul-22	00:29:36	9.424	16739.957	2375.741	1.506	95.5	0.862	719	179	1.16
4	I23888	IA537STD-5	26-Jul-22	00:46:09	9.423	16533.510	6014.849	3.855	97.7	0.884	2227	1200	1.08
5	I23889	IA537STD-10	26-Jul-22	01:02:44	9.416	15253.115	12042.205	8.339	105.7	0.960	5100	405	1.16
6	I23890	IA537STD-25	26-Jul-22	01:19:18	9.416	15172.657	33864.551	23.330	118.3	1.085	3662	3342	1.15
7	I23891	IA537STD-50	26-Jul-22	01:35:51	9.416	16661.721	58783.414	36.541	92.6	0.858	12494	6631	1.15
8	I23892	IA537STD-100	26-Jul-22	01:52:25	9.416	14657.300	112466.266	77.298	98.0	0.933	8797	9995	1.10
9	I23893	IA537STD-250	26-Jul-22	02:08:59	9.416	11461.345	243498.172	197.983	100.4	1.033	26669	18417	1.16

Compound name: L-PFOS
Coefficient of Determination: R^2 = 0.997474
Calibration curve: 0.000639068 * x^2 + 0.902561 * x
Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



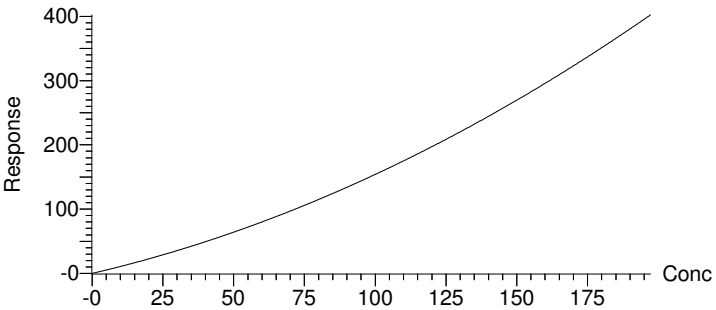
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: PFOS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	ng/mL	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30		16946.209	764.709	0.455					
2	I23886	IA537STD-1	26-Jul-22	00:13:04		17271.336	1520.037	0.887					
3	I23887	IA537STD-2	26-Jul-22	00:29:36		16739.957	3144.541	1.888					
4	I23888	IA537STD-5	26-Jul-22	00:46:09		16533.510	7913.398	4.804					
5	I23889	IA537STD-10	26-Jul-22	01:02:44		15253.115	16026.086	10.476					
6	I23890	IA537STD-25	26-Jul-22	01:19:18		15172.657	45594.451	29.455					
7	I23891	IA537STD-50	26-Jul-22	01:35:51		16661.721	80066.514	46.372					
8	I23892	IA537STD-100	26-Jul-22	01:52:25		14657.300	156189.649	98.414					
9	I23893	IA537STD-250	26-Jul-22	02:08:59		11461.345	348211.625	250.769					

Compound name: PFOS
Coefficient of Determination: 0.000000
Calibration curve: 1.027 * x
Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



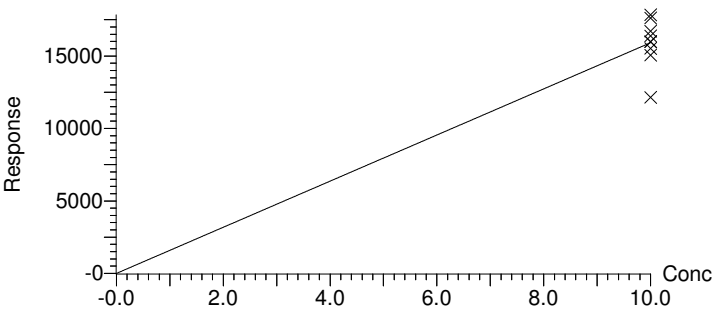
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: M4PFOS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	9.432		16713.672	10.501	105.0	1671.367	341		1.09
2	I23886	IA537STD-1	26-Jul-22	00:13:04	9.423		16379.509	10.291	102.9	1637.951	363531		1.01
3	I23887	IA537STD-2	26-Jul-22	00:29:36	9.424		15987.877	10.045	100.4	1598.788	346457		1.08
4	I23888	IA537STD-5	26-Jul-22	00:46:09	9.419		17840.250	11.209	112.1	1784.025	70		1.15
5	I23889	IA537STD-10	26-Jul-22	01:02:44	9.416		15981.821	10.041	100.4	1598.182	124		1.16
6	I23890	IA537STD-25	26-Jul-22	01:19:18	9.416		17614.566	11.067	110.7	1761.457	162		1.14
7	I23891	IA537STD-50	26-Jul-22	01:35:51	9.416		15523.022	9.753	97.5	1552.302	326033		1.17
8	I23892	IA537STD-100	26-Jul-22	01:52:25	9.412		15063.803	9.464	94.6	1506.380	456		1.19
9	I23893	IA537STD-250	26-Jul-22	02:08:59	9.416		12142.486	7.629	76.3	1214.249	252235		1.03

Compound name: M4PFOS
Response Factor: 1591.63
RRF SD: 167.96, % Relative SD: 10.5527
Response type: External Std, Area
Curve type: RF



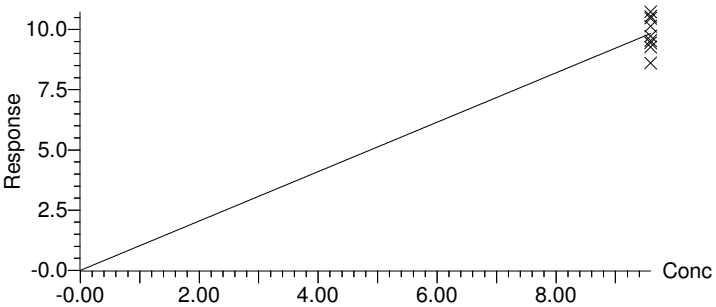
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: M8PFOS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	9.432	16713.672	16946.209	9.890	103.1	1.057	341		0.99
2	I23886	IA537STD-1	26-Jul-22	00:13:04	9.419	16379.509	17271.336	10.286	107.3	1.100	367082		1.17
3	I23887	IA537STD-2	26-Jul-22	00:29:36	9.424	15987.877	16739.957	10.213	106.5	1.092	287		1.10
4	I23888	IA537STD-5	26-Jul-22	00:46:09	9.419	17840.250	16533.510	9.040	94.3	0.966	132		1.10
5	I23889	IA537STD-10	26-Jul-22	01:02:44	9.416	15981.821	15253.115	9.310	97.1	0.995	619		1.05
6	I23890	IA537STD-25	26-Jul-22	01:19:18	9.416	17614.566	15172.657	8.402	87.6	0.898	528		1.09
7	I23891	IA537STD-50	26-Jul-22	01:35:51	9.416	15523.022	16661.721	10.470	109.2	1.119	141		1.14
8	I23892	IA537STD-100	26-Jul-22	01:52:25	9.412	15063.803	14657.300	9.491	99.0	1.015	489		1.09
9	I23893	IA537STD-250	26-Jul-22	02:08:59	9.412	12142.486	11461.345	9.207	96.0	0.984	57		1.17

Compound name: M8PFOS
Response Factor: 1.02517
RRF SD: 0.0725529, % Relative SD: 7.07719
Response type: Internal Std (Ref 32), Area * (IS Conc. / IS Area)
Curve type: RF



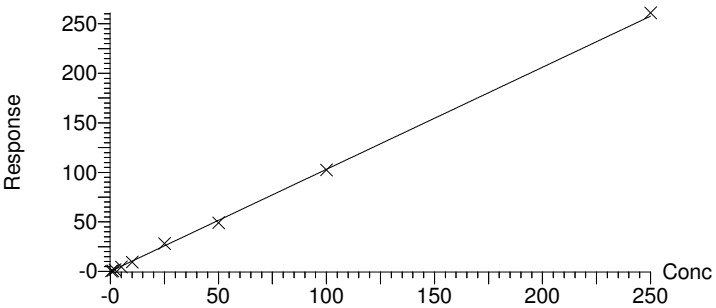
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: PFDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	10.011	26647.541	1124.884	0.409	81.9	0.844	7	4	1.09
2	I23886	IA537STD-1	26-Jul-22	00:13:04	9.995	27574.869	1899.068	0.668	66.8	0.689	27	217	1.57
3	I23887	IA537STD-2	26-Jul-22	00:29:36	10.0...	26537.893	4313.548	1.577	78.8	0.813	4	36388	1.24
4	I23888	IA537STD-5	26-Jul-22	00:46:09	10.0...	28839.768	13267.809	4.463	89.3	0.920	363567	134995	1.25
5	I23889	IA537STD-10	26-Jul-22	01:02:44	9.996	27781.281	26324.391	9.192	91.9	0.948	664497	515	1.21
6	I23890	IA537STD-25	26-Jul-22	01:19:18	9.996	28084.059	78554.000	27.133	108.5	1.119	2030	798	1.24
7	I23891	IA537STD-50	26-Jul-22	01:35:51	9.996	27814.027	136302.719	47.537	95.1	0.980	776	475	1.15
8	I23892	IA537STD-100	26-Jul-22	01:52:25	9.993	24486.852	250508.000	99.239	99.2	1.023	3602	5414	1.14
9	I23893	IA537STD-250	26-Jul-22	02:08:59	9.993	20431.533	533471.813	253.282	101.3	1.044	13020	520	1.21

Compound name: PFDA
Coefficient of Determination: R^2 = 0.998381
Calibration curve: 1.03088 * x
Response type: Internal Std (Ref 36), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



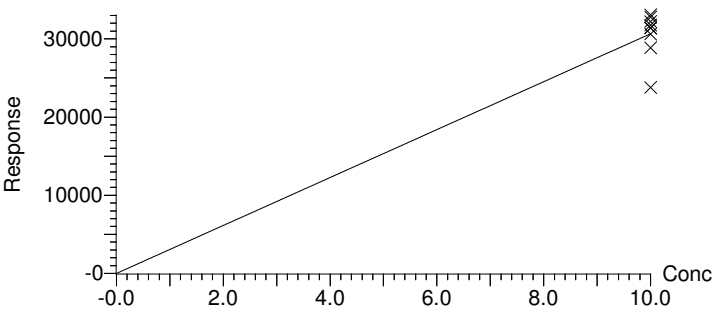
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: M2PFDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	10.0...		31769.338	10.360	103.6	3176.934	11001		1.14
2	I23886	IA537STD-1	26-Jul-22	00:13:04	9.999		31415.639	10.245	102.5	3141.564	12935		1.23
3	I23887	IA537STD-2	26-Jul-22	00:29:36	10.0...		32243.754	10.515	105.2	3224.375	5862		1.15
4	I23888	IA537STD-5	26-Jul-22	00:46:09	9.999		33083.676	10.789	107.9	3308.368	3248		1.25
5	I23889	IA537STD-10	26-Jul-22	01:02:44	9.996		32788.664	10.693	106.9	3278.866	11085		1.19
6	I23890	IA537STD-25	26-Jul-22	01:19:18	9.996		31400.635	10.240	102.4	3140.064	20854		1.22
7	I23891	IA537STD-50	26-Jul-22	01:35:51	9.996		30640.225	9.992	99.9	3064.023	9298		1.17
8	I23892	IA537STD-100	26-Jul-22	01:52:25	9.993		28859.861	9.412	94.1	2885.986	18483		1.15
9	I23893	IA537STD-250	26-Jul-22	02:08:59	9.993		23776.791	7.754	77.5	2377.679	2114		1.19

Compound name: M2PFDA
Response Factor: 3066.43
RRF SD: 286.974, % Relative SD: 9.35857
Response type: External Std, Area
Curve type: RF



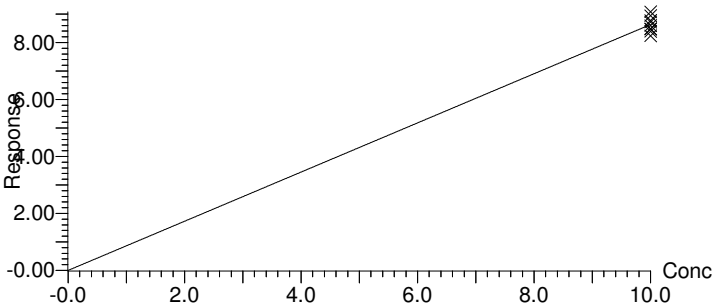
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: M6PFDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	10.0...	31769.338	26647.541	9.718	97.2	0.839	37		1.07
2	I23886	IA537STD-1	26-Jul-22	00:13:04	9.999	31415.639	27574.869	10.169	101.7	0.878	279		1.13
3	I23887	IA537STD-2	26-Jul-22	00:29:36	10.0...	32243.754	26537.893	9.535	95.4	0.823	2047		1.18
4	I23888	IA537STD-5	26-Jul-22	00:46:09	9.999	33083.676	28839.768	10.099	101.0	0.872	100		1.20
5	I23889	IA537STD-10	26-Jul-22	01:02:44	9.996	32788.664	27781.281	9.816	98.2	0.847	638588		1.15
6	I23890	IA537STD-25	26-Jul-22	01:19:18	9.996	31400.635	28084.059	10.362	103.6	0.894	76		1.16
7	I23891	IA537STD-50	26-Jul-22	01:35:51	9.997	30640.225	27814.027	10.517	105.2	0.908	335		1.24
8	I23892	IA537STD-100	26-Jul-22	01:52:25	9.993	28859.861	24486.852	9.830	98.3	0.848	138		1.14
9	I23893	IA537STD-250	26-Jul-22	02:08:59	9.993	23776.791	20431.533	9.955	99.6	0.859	229		1.21

Compound name: M6PFDA
Response Factor: 0.863166
RRF SD: 0.0272407, % Relative SD: 3.15591
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



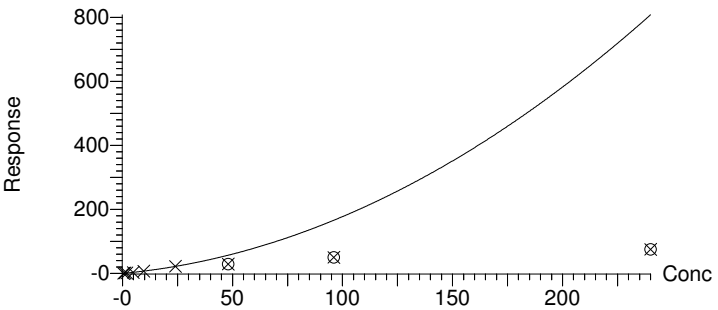
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: 8:2FTS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	10.0...	2923.823	84.142	0.430	89.6	0.576	2114	20	1.18
2	I23886	IA537STD-1	26-Jul-22	00:13:04	9.989	2844.591	215.811	1.120	116.7	0.759	35	129	1.17
3	I23887	IA537STD-2	26-Jul-22	00:29:36	9.990	2793.150	358.182	1.869	97.3	0.641	65	5948	1.36
4	I23888	IA537STD-5	26-Jul-22	00:46:09	9.989	2915.494	980.551	4.675	97.4	0.673	628	1658	1.23
5	I23889	IA537STD-10	26-Jul-22	01:02:44	9.987	2746.994	2068.096	9.670	100.7	0.753	453	37779	1.16
6	I23890	IA537STD-25	26-Jul-22	01:19:18	9.987	2786.844	6340.659	23.995	100.0	0.910	1562	1022	1.13
7	I23891	IA537STD-50	26-Jul-22	01:35:51	9.983	3729.552	11114.458	29.430	61.3	0.596	7555	2928	1.29
8	I23892	IA537STD-100	26-Jul-22	01:52:25	9.980	4081.296	21435.133	44.217	46.1	0.525	3222	6234	1.23
9	I23893	IA537STD-250	26-Jul-22	02:08:59	9.983	6123.701	47755.785	57.815	24.1	0.312	7216	9329	1.19

Compound name: 8:2FTS
Coefficient of Determination: R^2 = 0.999315
Calibration curve: 0.0113727 * x^2 + 0.637404 * x
Response type: Internal Std (Ref 38), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



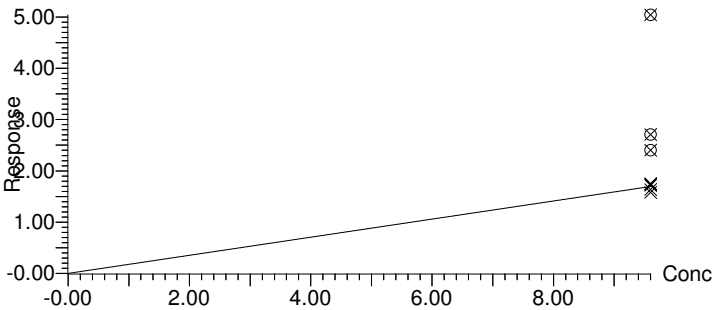
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: M2-8:2FTS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	9.997	16713.672	2923.823	9.910	103.2	0.182	65431		1.40
2	I23886	IA537STD-1	26-Jul-22	00:13:04	9.989	16379.509	2844.591	9.838	102.5	0.181	8		1.13
3	I23887	IA537STD-2	26-Jul-22	00:29:36	9.990	15987.877	2793.150	9.896	103.1	0.182	18		1.31
4	I23888	IA537STD-5	26-Jul-22	00:46:09	9.989	17840.250	2915.494	9.257	96.4	0.170	49		1.31
5	I23889	IA537STD-10	26-Jul-22	01:02:44	9.987	15981.821	2746.994	9.737	101.4	0.179	45		1.10
6	I23890	IA537STD-25	26-Jul-22	01:19:18	9.987	17614.566	2786.844	8.962	93.4	0.165	68083		1.10
7	I23891	IA537STD-50	26-Jul-22	01:35:51	9.983	15523.022	3729.552	13.610	141.8	0.250	40		1.10
8	I23892	IA537STD-100	26-Jul-22	01:52:25	9.983	15063.803	4081.296	15.348	159.9	0.282	251		1.05
9	I23893	IA537STD-250	26-Jul-22	02:08:59	9.980	12142.486	6123.701	28.568	297.6	0.525	61		1.32

Compound name: M2-8:2FTS
Response Factor: 0.176532
RRF SD: 0.00727709, % Relative SD: 4.12225
Response type: Internal Std (Ref 32), Area * (IS Conc. / IS Area)
Curve type: RF



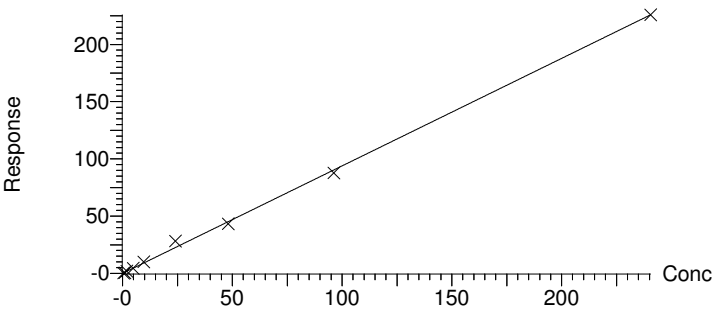
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: PFNS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	10.0...	16946.209	526.375	0.317	65.9	0.619	16	7	0.84
2	I23886	IA537STD-1	26-Jul-22	00:13:04	10.0...	17271.336	948.333	0.561	58.3	0.547	33	55	1.08
3	I23887	IA537STD-2	26-Jul-22	00:29:36	10.0...	16739.957	3295.748	2.010	104.5	0.981	84727	37610	1.13
4	I23888	IA537STD-5	26-Jul-22	00:46:09	10.0...	16533.510	7923.509	4.894	101.7	0.955	193916	327	1.20
5	I23889	IA537STD-10	26-Jul-22	01:02:44	10.0...	15253.115	16156.473	10.816	112.4	1.056	1785	188822	1.10
6	I23890	IA537STD-25	26-Jul-22	01:19:18	10.0...	15172.657	44481.180	29.936	124.5	1.169	1895	160	1.19
7	I23891	IA537STD-50	26-Jul-22	01:35:51	10.0...	16661.721	75150.141	46.056	95.7	0.899	1728	533	1.15
8	I23892	IA537STD-100	26-Jul-22	01:52:25	10.0...	14657.300	134206.250	93.496	97.2	0.913	730	1619	1.19
9	I23893	IA537STD-250	26-Jul-22	02:08:59	10.0...	11461.345	269831.969	240.398	100.0	0.939	6078	2122	1.33

Compound name: PFNS
Coefficient of Determination: R^2 = 0.995572
Calibration curve: 0.939173 * x
Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/y, Axis trans: None



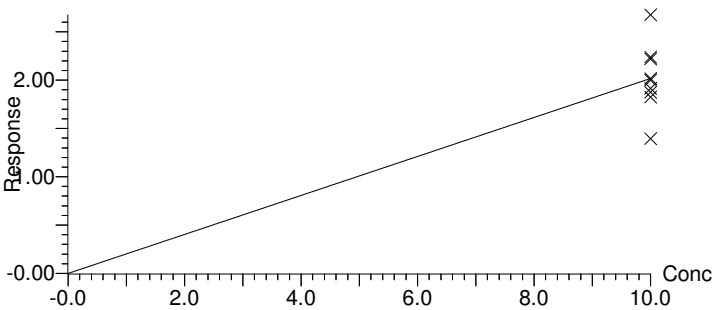
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: d3-NMeFOSAA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	10.4...	31769.338	5797.374	9.045	90.4	0.182	113761		1.12
2	I23886	IA537STD-1	26-Jul-22	00:13:04	10.4...	31415.639	6336.669	9.997	100.0	0.202	486		1.01
3	I23887	IA537STD-2	26-Jul-22	00:29:36	10.4...	32243.754	6045.468	9.293	92.9	0.187	167		1.07
4	I23888	IA537STD-5	26-Jul-22	00:46:09	10.4...	33083.676	4612.950	6.911	69.1	0.139	88598		1.05
5	I23889	IA537STD-10	26-Jul-22	01:02:44	10.4...	32788.664	6276.442	9.487	94.9	0.191	126228		1.17
6	I23890	IA537STD-25	26-Jul-22	01:19:18	10.4...	31400.635	7027.412	11.092	110.9	0.224	41		1.32
7	I23891	IA537STD-50	26-Jul-22	01:35:51	10.4...	30640.225	6129.597	9.915	99.2	0.200	125		1.09
8	I23892	IA537STD-100	26-Jul-22	01:52:25	10.3...	28859.861	6402.375	10.995	110.0	0.222	133154		1.31
9	I23893	IA537STD-250	26-Jul-22	02:08:59	10.4...	23776.791	6363.289	13.264	132.6	0.268	125595		1.14

Compound name: d3-NMeFOSAA
Response Factor: 0.201761
RRF SD: 0.0349947, % Relative SD: 17.3446
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



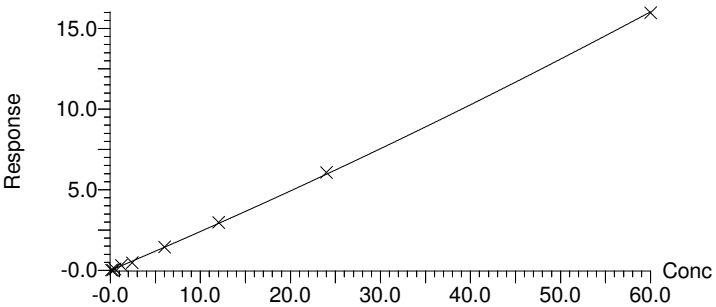
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: br-NMeFOSAA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	10.2...	5797.374	6.551	0.048	39.9	0.094	203	2	1.76
2	I23886	IA537STD-1	26-Jul-22	00:13:04	10.2...	6336.669	11.915	0.080	33.2	0.078	332	26	0.16
3	I23887	IA537STD-2	26-Jul-22	00:29:36	10.2...	6045.468	53.312	0.373	77.8	0.184	8	4	0.24
4	I23888	IA537STD-5	26-Jul-22	00:46:09	10.2...	4612.950	149.494	1.369	114.1	0.270	10	8	0.35
5	I23889	IA537STD-10	26-Jul-22	01:02:44	10.2...	6276.442	297.889	2.002	83.4	0.198	118	55	0.41
6	I23890	IA537STD-25	26-Jul-22	01:19:18	10.2...	7027.412	1014.895	6.039	100.6	0.241	352	55	0.36
7	I23891	IA537STD-50	26-Jul-22	01:35:51	10.2...	6129.597	1828.049	12.303	102.5	0.249	247	475	0.34
8	I23892	IA537STD-100	26-Jul-22	01:52:25	10.2...	6402.375	3885.245	24.400	101.7	0.253	303	597	0.34
9	I23893	IA537STD-250	26-Jul-22	02:08:59	10.2...	6363.289	10167.725	59.817	99.7	0.266	790	992	0.32

Compound name: br-NMeFOSAA
Coefficient of Determination: R^2 = 0.997701
Calibration curve: 0.000520135 * x^2 + 0.236011 * x
Response type: Internal Std (Ref 40), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



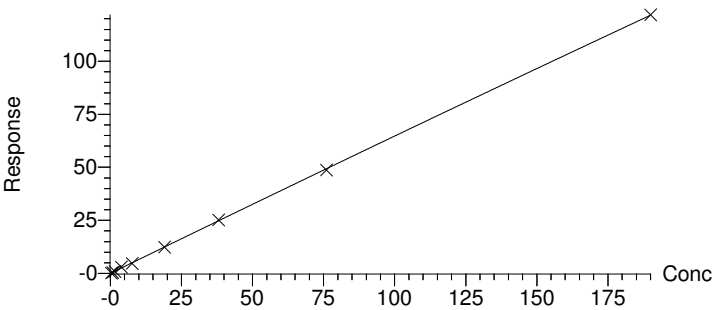
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: L-NMeFOSAA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	10.4...	5797.374	117.036	0.308	81.1	0.531	2964	20	1.18
2	I23886	IA537STD-1	26-Jul-22	00:13:04	10.4...	6336.669	282.521	0.681	89.6	0.587	6331	271	1.25
3	I23887	IA537STD-2	26-Jul-22	00:29:36	10.4...	6045.468	553.217	1.397	91.9	0.602	70	35	1.22
4	I23888	IA537STD-5	26-Jul-22	00:46:09	10.4...	4612.950	1384.190	4.584	120.6	0.790	96	56	1.17
5	I23889	IA537STD-10	26-Jul-22	01:02:44	10.4...	6276.442	2939.866	7.157	94.2	0.616	1456	419	1.01
6	I23890	IA537STD-25	26-Jul-22	01:19:18	10.4...	7027.412	8690.793	18.923	99.6	0.651	3662	344	1.15
7	I23891	IA537STD-50	26-Jul-22	01:35:51	10.4...	6129.597	15469.379	38.705	101.9	0.664	2621	2988	1.09
8	I23892	IA537STD-100	26-Jul-22	01:52:25	10.4...	6402.375	31197.658	75.049	98.7	0.641	2826	3317	1.10
9	I23893	IA537STD-250	26-Jul-22	02:08:59	10.4...	6363.289	77548.375	190.256	100.1	0.641	7320	5397	1.20

Compound name: L-NMeFOSAA
Coefficient of Determination: R^2 = 0.999220
Calibration curve: -7.58517e-005 * x^2 + 0.654979 * x
Response type: Internal Std (Ref 40), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



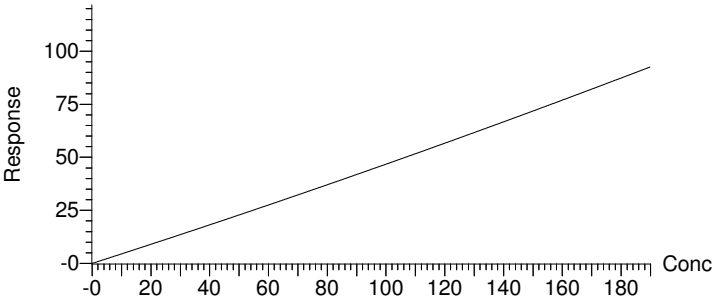
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: NMeFOSAA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30		5797.374	123.587	0.356					
2	I23886	IA537STD-1	26-Jul-22	00:13:04		6336.669	294.436	0.760					
3	I23887	IA537STD-2	26-Jul-22	00:29:36		6045.468	606.529	1.771					
4	I23888	IA537STD-5	26-Jul-22	00:46:09		4612.950	1533.684	5.953					
5	I23889	IA537STD-10	26-Jul-22	01:02:44		6276.442	3237.755	9.159					
6	I23890	IA537STD-25	26-Jul-22	01:19:18		7027.412	9705.688	24.962					
7	I23891	IA537STD-50	26-Jul-22	01:35:51		6129.597	17297.428	51.008					
8	I23892	IA537STD-100	26-Jul-22	01:52:25		6402.375	35082.903	99.449					
9	I23893	IA537STD-250	26-Jul-22	02:08:59		6363.289	87716.100	250.074					

Compound name: NMeFOSAA
Coefficient of Determination: 0.000000
Calibration curve: 0.445495 * x
Response type: Internal Std (Ref 40), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



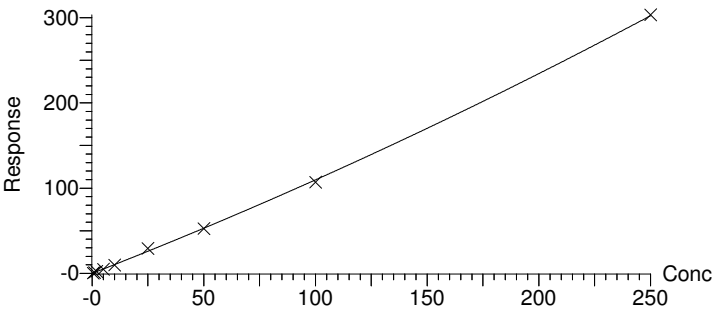
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: PFUnA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	10.5...	30111.215	1496.292	0.485	97.1	0.994	46	5	0.94
2	I23886	IA537STD-1	26-Jul-22	00:13:04	10.5...	26880.770	3211.670	1.167	116.7	1.195	411	8436	0.96
3	I23887	IA537STD-2	26-Jul-22	00:29:36	10.5...	28603.391	5914.427	2.018	100.9	1.034	150	58	1.02
4	I23888	IA537STD-5	26-Jul-22	00:46:09	10.5...	30239.371	14902.572	4.799	96.0	0.986	217887	356	1.00
5	I23889	IA537STD-10	26-Jul-22	01:02:44	10.5...	29904.025	28972.768	9.404	94.0	0.969	421921	250	1.07
6	I23890	IA537STD-25	26-Jul-22	01:19:18	10.5...	28284.320	82519.961	27.944	111.8	1.167	1189	222252	1.02
7	I23891	IA537STD-50	26-Jul-22	01:35:51	10.5...	26577.691	139522.359	49.518	99.0	1.050	1087	1541	1.08
8	I23892	IA537STD-100	26-Jul-22	01:52:25	10.5...	23121.932	246997.563	97.479	97.5	1.068	2544	1509	1.10
9	I23893	IA537STD-250	26-Jul-22	02:08:59	10.5...	17990.506	545778.813	250.717	100.3	1.213	12188	1483182	1.04

Compound name: PFUnA
Coefficient of Determination: R^2 = 0.999002
Calibration curve: 0.00074493 * x^2 + 1.02325 * x
Response type: Internal Std (Ref 45), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



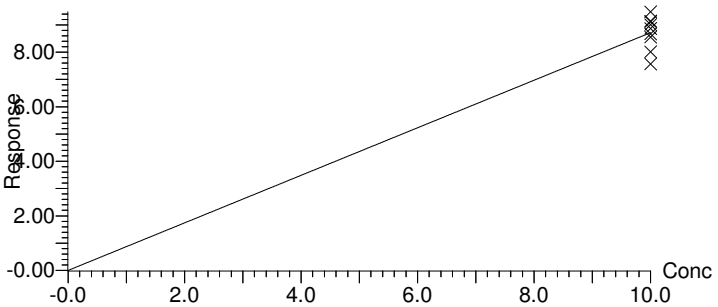
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: M7-PFUDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	10.5...	31769.338	30111.215	10.877	108.8	0.948	580924		1.12
2	I23886	IA537STD-1	26-Jul-22	00:13:04	10.5...	31415.639	26880.770	9.819	98.2	0.856	519297		0.98
3	I23887	IA537STD-2	26-Jul-22	00:29:36	10.5...	32243.754	28603.391	10.180	101.8	0.887	556104		0.97
4	I23888	IA537STD-5	26-Jul-22	00:46:09	10.5...	33083.676	30239.371	10.489	104.9	0.914	228		0.96
5	I23889	IA537STD-10	26-Jul-22	01:02:44	10.5...	32788.664	29904.025	10.466	104.7	0.912	2567		1.07
6	I23890	IA537STD-25	26-Jul-22	01:19:18	10.5...	31400.635	28284.320	10.337	103.4	0.901	554715		0.99
7	I23891	IA537STD-50	26-Jul-22	01:35:51	10.5...	30640.225	26577.691	9.954	99.5	0.867	4066		1.15
8	I23892	IA537STD-100	26-Jul-22	01:52:25	10.5...	28859.861	23121.932	9.194	91.9	0.801	309		1.13
9	I23893	IA537STD-250	26-Jul-22	02:08:59	10.5...	23776.791	17990.506	8.683	86.8	0.757	1382		1.19

Compound name: M7-PFUDA
Response Factor: 0.871399
RRF SD: 0.0599771, % Relative SD: 6.88285
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



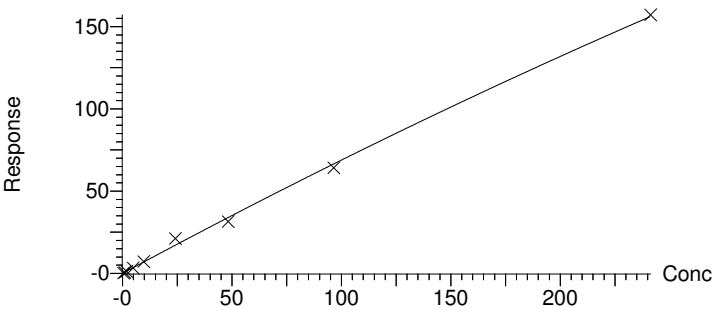
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: PFDS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	10.5...	16946.209	469.814	0.370	76.7	0.551	6982	1908	0.92
2	I23886	IA537STD-1	26-Jul-22	00:13:04	10.5...	17271.336	934.945	0.723	74.9	0.538	126	9	1.05
3	I23887	IA537STD-2	26-Jul-22	00:29:36	10.5...	16739.957	1905.776	1.521	78.8	0.566	53	20804	0.96
4	I23888	IA537STD-5	26-Jul-22	00:46:09	10.5...	16533.510	5771.686	4.671	96.8	0.694	201	16	0.96
5	I23889	IA537STD-10	26-Jul-22	01:02:44	10.5...	15253.115	11494.024	10.105	104.7	0.749	347	145	1.00
6	I23890	IA537STD-25	26-Jul-22	01:19:18	10.5...	15172.657	33619.758	29.957	124.2	0.881	480824	238914	1.10
7	I23891	IA537STD-50	26-Jul-22	01:35:51	10.5...	16661.721	54859.965	44.789	92.8	0.654	2125	938	1.07
8	I23892	IA537STD-100	26-Jul-22	01:52:25	10.5...	14657.300	98095.922	92.899	96.3	0.665	680	1443	1.07
9	I23893	IA537STD-250	26-Jul-22	02:08:59	10.5...	11461.345	187866.188	243.013	100.7	0.652	2963	3941	1.03

Compound name: PFDS
Coefficient of Determination: R^2 = 0.994689
Calibration curve: -0.00029334 * x^2 + 0.718134 * x
Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



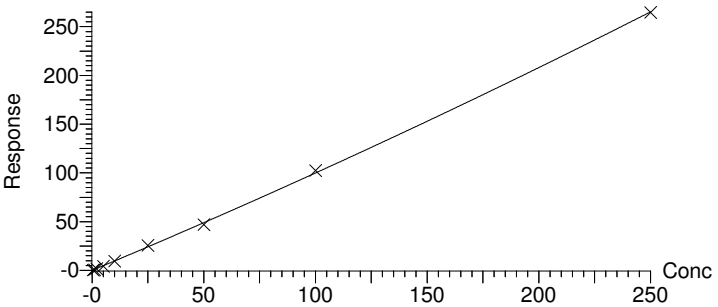
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: FOSA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	10.5...	44535.918	1955.515	0.458	91.6	0.878	27875		0.97
2	I23886	IA537STD-1	26-Jul-22	00:13:04	10.5...	45496.723	3112.538	0.713	71.3	0.684	12		1.06
3	I23887	IA537STD-2	26-Jul-22	00:29:36	10.5...	47504.941	7997.212	1.755	87.7	0.842	113307	9	1.01
4	I23888	IA537STD-5	26-Jul-22	00:46:09	10.5...	47116.953	19463.188	4.301	86.0	0.826	274045	70	1.11
5	I23889	IA537STD-10	26-Jul-22	01:02:44	10.5...	44245.164	42748.727	10.036	100.4	0.966	975	26	1.05
6	I23890	IA537STD-25	26-Jul-22	01:19:18	10.5...	44646.121	114915.305	26.550	106.2	1.030	1267	39244	1.10
7	I23891	IA537STD-50	26-Jul-22	01:35:51	10.5...	42809.324	200776.500	47.943	95.9	0.938	511	51242	1.07
8	I23892	IA537STD-100	26-Jul-22	01:52:25	10.5...	36706.965	375781.594	102.320	102.3	1.024	3742	112592	1.06
9	I23893	IA537STD-250	26-Jul-22	02:08:59	10.5...	29422.992	778419.250	249.405	99.8	1.058	8268	214557	1.04

Compound name: FOSA
Coefficient of Determination: R^2 = 0.999041
Calibration curve: 0.000409663 * x^2 + 0.958601 * x
Response type: Internal Std (Ref 48), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



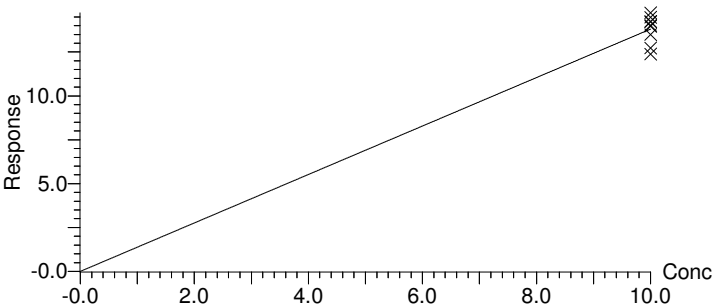
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: M8FOSA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	10.5...	31769.338	44535.918	10.154	101.5	1.402	833820		1.03
2	I23886	IA537STD-1	26-Jul-22	00:13:04	10.5...	31415.639	45496.723	10.490	104.9	1.448	860893		1.01
3	I23887	IA537STD-2	26-Jul-22	00:29:36	10.5...	32243.754	47504.941	10.672	106.7	1.473	972		1.07
4	I23888	IA537STD-5	26-Jul-22	00:46:09	10.5...	33083.676	47116.953	10.316	103.2	1.424	623		1.03
5	I23889	IA537STD-10	26-Jul-22	01:02:44	10.5...	32788.664	44245.164	9.774	97.7	1.349	996		1.19
6	I23890	IA537STD-25	26-Jul-22	01:19:18	10.5...	31400.635	44646.121	10.299	103.0	1.422	379		1.09
7	I23891	IA537STD-50	26-Jul-22	01:35:51	10.5...	30640.225	42809.324	10.120	101.2	1.397	797515		1.15
8	I23892	IA537STD-100	26-Jul-22	01:52:25	10.5...	28859.861	36706.965	9.213	92.1	1.272	1560		1.17
9	I23893	IA537STD-250	26-Jul-22	02:08:59	10.5...	23776.791	29422.992	8.963	89.6	1.237	518788		1.12

Compound name: M8FOSA
Response Factor: 1.38059
RRF SD: 0.0796602, % Relative SD: 5.77001
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



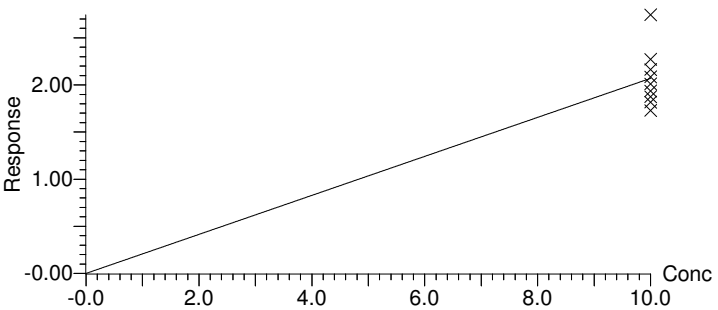
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: d5-NEtFOSAA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	10.7...	31769.338	5957.548	9.060	90.6	0.188	812		0.99
2	I23886	IA537STD-1	26-Jul-22	00:13:04	10.7...	31415.639	6547.906	10.070	100.7	0.208	60		0.94
3	I23887	IA537STD-2	26-Jul-22	00:29:36	10.7...	32243.754	6237.435	9.346	93.5	0.193	108851		1.02
4	I23888	IA537STD-5	26-Jul-22	00:46:09	10.7...	33083.676	6010.949	8.778	87.8	0.182	19		0.89
5	I23889	IA537STD-10	26-Jul-22	01:02:44	10.7...	32788.664	5667.333	8.351	83.5	0.173	433		0.91
6	I23890	IA537STD-25	26-Jul-22	01:19:18	10.7...	31400.635	7139.343	10.984	109.8	0.227	124021		0.98
7	I23891	IA537STD-50	26-Jul-22	01:35:51	10.7...	30640.225	6155.223	9.705	97.1	0.201	107703		0.91
8	I23892	IA537STD-100	26-Jul-22	01:52:25	10.7...	28859.861	6241.954	10.449	104.5	0.216	24		0.97
9	I23893	IA537STD-250	26-Jul-22	02:08:59	10.7...	23776.791	6524.437	13.257	132.6	0.274	209		1.02

Compound name: d5-NEtFOSAA
Response Factor: 0.206986
RRF SD: 0.030524, % Relative SD: 14.7469
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



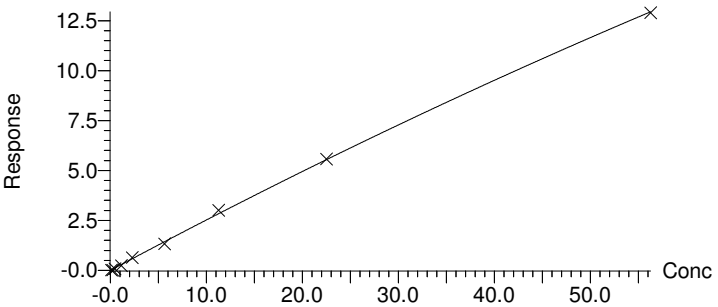
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: br-NEtFOSAA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	10.5...	5957.548	4.935	0.032	28.6	0.074	2	3	0.82
2	I23886	IA537STD-1	26-Jul-22	00:13:04	10.5...	6547.906	12.839	0.076	33.9	0.087	1	2	0.39
3	I23887	IA537STD-2	26-Jul-22	00:29:36	10.5...	6237.435	54.762	0.341	75.9	0.195	8	7	0.32
4	I23888	IA537STD-5	26-Jul-22	00:46:09	10.5...	6010.949	142.853	0.925	82.2	0.211	49	2514	0.38
5	I23889	IA537STD-10	26-Jul-22	01:02:44	10.5...	5667.333	362.951	2.501	111.1	0.285	3666	19	0.42
6	I23890	IA537STD-25	26-Jul-22	01:19:18	10.5...	7139.343	953.658	5.243	93.2	0.237	45	101	0.36
7	I23891	IA537STD-50	26-Jul-22	01:35:51	10.5...	6155.223	1852.491	11.967	106.4	0.268	63	125	0.43
8	I23892	IA537STD-100	26-Jul-22	01:52:25	10.5...	6241.954	3482.129	22.646	100.7	0.248	205	603	0.41
9	I23893	IA537STD-250	26-Jul-22	02:08:59	10.5...	6524.437	8417.246	56.050	99.6	0.229	800	810	0.40

Compound name: br-NEtFOSAA
Coefficient of Determination: R^2 = 0.996257
Calibration curve: -0.000483922 * x^2 + 0.257294 * x
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



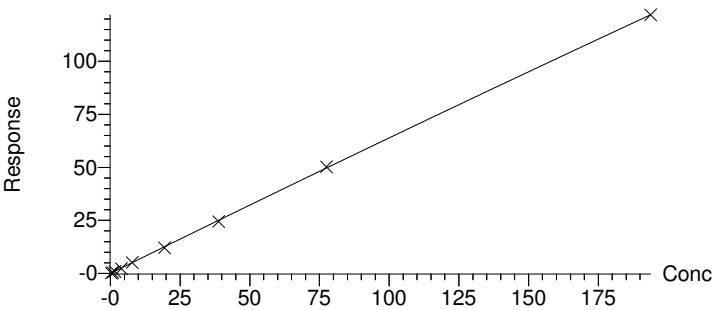
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: L-NEtFOSAA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	10.7...	5957.548	116.395	0.301	77.7	0.504	49	28	0.84
2	I23886	IA537STD-1	26-Jul-22	00:13:04	10.7...	6547.906	248.616	0.585	75.5	0.490	16	27	0.99
3	I23887	IA537STD-2	26-Jul-22	00:29:36	10.7...	6237.435	555.333	1.372	88.5	0.574	122	70	0.95
4	I23888	IA537STD-5	26-Jul-22	00:46:09	10.7...	6010.949	1323.131	3.393	87.6	0.568	856	24077	0.96
5	I23889	IA537STD-10	26-Jul-22	01:02:44	10.7...	5667.333	2939.382	8.000	103.2	0.669	60272	189	0.96
6	I23890	IA537STD-25	26-Jul-22	01:19:18	10.7...	7139.343	8599.974	18.612	96.1	0.622	825	1067	0.96
7	I23891	IA537STD-50	26-Jul-22	01:35:51	10.7...	6155.223	15021.796	37.823	97.6	0.630	1055	1138	1.00
8	I23892	IA537STD-100	26-Jul-22	01:52:25	10.7...	6241.954	31383.059	78.427	101.2	0.649	3819	6217	0.97
9	I23893	IA537STD-250	26-Jul-22	02:08:59	10.7...	6524.437	79498.461	193.643	99.9	0.629	17211	10070	0.95

Compound name: L-NEtFOSAA
Coefficient of Determination: R^2 = 0.999915
Calibration curve: -0.000102733 * x^2 + 0.649131 * x
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: Null, Axis trans: None



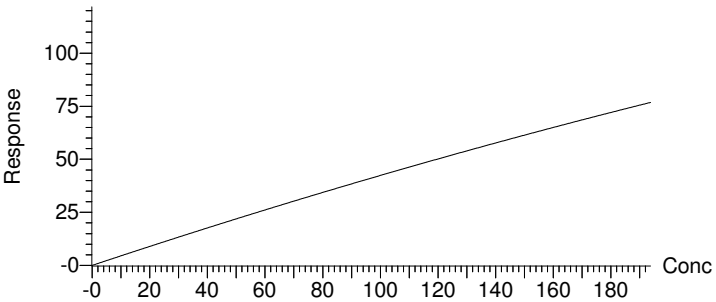
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: NEtFOSAA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30		5957.548	121.330	0.333					
2	I23886	IA537STD-1	26-Jul-22	00:13:04		6547.906	261.455	0.661					
3	I23887	IA537STD-2	26-Jul-22	00:29:36		6237.435	610.095	1.713					
4	I23888	IA537STD-5	26-Jul-22	00:46:09		6010.949	1465.984	4.318					
5	I23889	IA537STD-10	26-Jul-22	01:02:44		5667.333	3302.333	10.501					
6	I23890	IA537STD-25	26-Jul-22	01:19:18		7139.343	9553.632	23.855					
7	I23891	IA537STD-50	26-Jul-22	01:35:51		6155.223	16874.287	49.789					
8	I23892	IA537STD-100	26-Jul-22	01:52:25		6241.954	34865.188	101.074					
9	I23893	IA537STD-250	26-Jul-22	02:08:59		6524.437	87915.707	249.693					

Compound name: NEtFOSAA
Coefficient of Determination: 0.000000
Calibration curve: 0.453213 * x
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



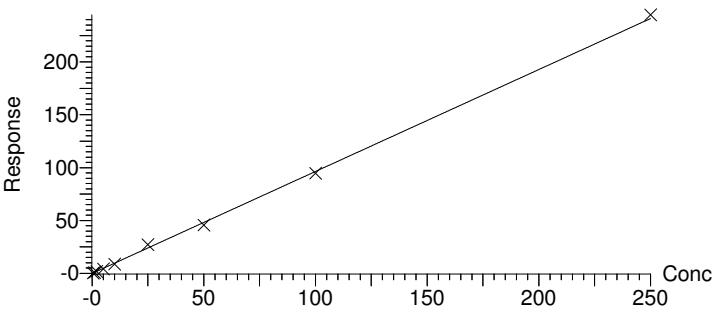
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: PFDoA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	11.044	31583.156	1344.977	0.442	88.3	0.852	23	2839	0.96
2	I23886	IA537STD-1	26-Jul-22	00:13:04	11.032	33250.309	2664.628	0.831	83.1	0.801	47	5244	0.89
3	I23887	IA537STD-2	26-Jul-22	00:29:36	11.035	32221.117	6059.168	1.950	97.5	0.940	136	202	1.02
4	I23888	IA537STD-5	26-Jul-22	00:46:09	11.032	34736.316	15055.144	4.495	89.9	0.867	38	16	1.07
5	I23889	IA537STD-10	26-Jul-22	01:02:44	11.025	34495.395	30758.961	9.248	92.5	0.892	129	60	1.06
6	I23890	IA537STD-25	26-Jul-22	01:19:18	11.032	31337.488	85168.977	28.188	112.8	1.087	726	352	0.98
7	I23891	IA537STD-50	26-Jul-22	01:35:51	11.029	32125.768	146706.953	47.364	94.7	0.913	2370	338	1.01
8	I23892	IA537STD-100	26-Jul-22	01:52:25	11.022	28250.326	267235.250	98.112	98.1	0.946	3608	1763	1.05
9	I23893	IA537STD-250	26-Jul-22	02:08:59	11.025	25712.900	628771.250	253.626	101.5	0.978	7906	580	1.01

Compound name: PFDoA
Coefficient of Determination: R^2 = 0.998223
Calibration curve: 0.964159 * x
Response type: Internal Std (Ref 54), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/y, Axis trans: None



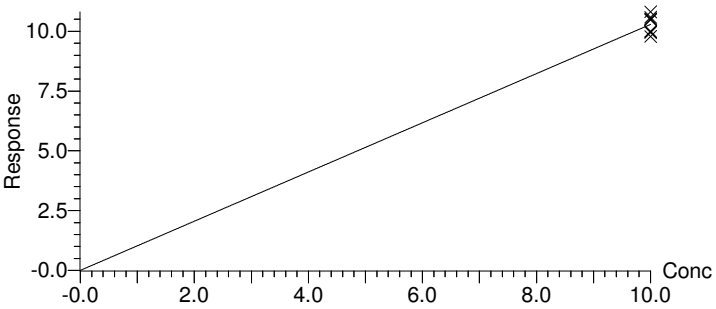
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: MPFDOA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	11.044	31769.338	31583.156	9.662	96.6	0.994	146		1.10
2	I23886	IA537STD-1	26-Jul-22	00:13:04	11.032	31415.639	33250.309	10.286	102.9	1.058	2628		1.00
3	I23887	IA537STD-2	26-Jul-22	00:29:36	11.035	32243.754	32221.117	9.712	97.1	0.999	789392		0.99
4	I23888	IA537STD-5	26-Jul-22	00:46:09	11.032	33083.676	34736.316	10.204	102.0	1.050	497		1.00
5	I23889	IA537STD-10	26-Jul-22	01:02:44	11.029	32788.664	34495.395	10.224	102.2	1.052	163		0.97
6	I23890	IA537STD-25	26-Jul-22	01:19:18	11.032	31400.635	31337.488	9.699	97.0	0.998	658		1.03
7	I23891	IA537STD-50	26-Jul-22	01:35:51	11.029	30640.225	32125.768	10.190	101.9	1.048	846		1.01
8	I23892	IA537STD-100	26-Jul-22	01:52:25	11.022	28859.861	28250.326	9.513	95.1	0.979	200		1.07
9	I23893	IA537STD-250	26-Jul-22	02:08:59	11.025	23776.791	25712.900	10.510	105.1	1.081	600147		0.98

Compound name: MPFDOA
Response Factor: 1.02896
RRF SD: 0.0362877, % Relative SD: 3.52664
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



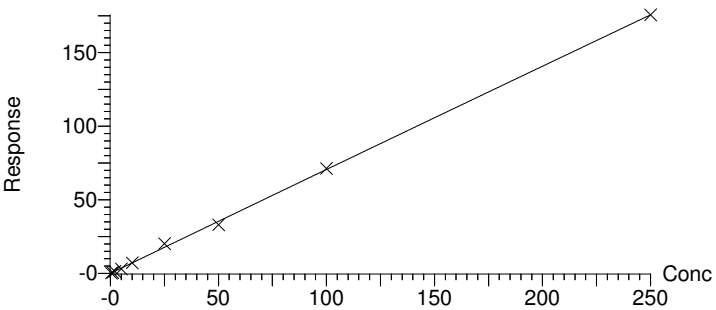
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: PFTrDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	11.479	25529.841	776.750	0.430	86.0	0.609	11	15	0.86
2	I23886	IA537STD-1	26-Jul-22	00:13:04	11.460	25355.019	1451.251	0.809	80.9	0.572	125	2	0.83
3	I23887	IA537STD-2	26-Jul-22	00:29:36	11.460	25186.760	3051.674	1.712	85.6	0.606	6	27	1.15
4	I23888	IA537STD-5	26-Jul-22	00:46:09	11.465	26794.627	8260.583	4.355	87.1	0.617	189	35	0.87
5	I23889	IA537STD-10	26-Jul-22	01:02:44	11.451	26624.259	19054.988	10.113	101.1	0.716	355	48	1.04
6	I23890	IA537STD-25	26-Jul-22	01:19:18	11.458	25129.475	50595.219	28.465	113.9	0.805	451	176	1.14
7	I23891	IA537STD-50	26-Jul-22	01:35:51	11.455	25157.228	83119.148	46.738	93.5	0.661	2092	155	1.04
8	I23892	IA537STD-100	26-Jul-22	01:52:25	11.448	21324.186	151895.016	100.937	100.9	0.712	384	924	1.25
9	I23893	IA537STD-250	26-Jul-22	02:08:59	11.448	19128.358	335803.969	249.943	100.0	0.702	2351	285	1.18

Compound name: PFTrDA
Coefficient of Determination: R^2 = 0.997931
Calibration curve: -2.23336e-005 * x^2 + 0.707955 * x
Response type: Internal Std (Ref Multiple), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



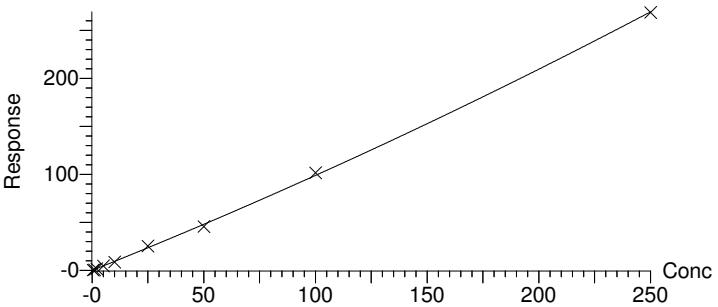
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: PFTA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	11.850	19476.527	728.113	0.401	80.2	0.748	15290	2582	1.26
2	I23886	IA537STD-1	26-Jul-22	00:13:04	11.832	17459.729	1228.645	0.755	75.5	0.704	27211	1186	1.00
3	I23887	IA537STD-2	26-Jul-22	00:29:36	11.837	18152.404	2984.572	1.763	88.1	0.822	68130	18	0.88
4	I23888	IA537STD-5	26-Jul-22	00:46:09	11.837	18852.939	8934.654	5.070	101.4	0.948	166	15589	1.00
5	I23889	IA537STD-10	26-Jul-22	01:02:44	11.828	18753.123	16437.494	9.353	93.5	0.877	646	37986	1.10
6	I23890	IA537STD-25	26-Jul-22	01:19:18	11.832	18921.461	47719.246	26.623	106.5	1.009	1009	156289	1.07
7	I23891	IA537STD-50	26-Jul-22	01:35:51	11.828	18188.688	82966.547	47.538	95.1	0.912	690	260204	1.08
8	I23892	IA537STD-100	26-Jul-22	01:52:25	11.823	14398.045	146421.625	102.546	102.5	1.017	3836	5090	1.10
9	I23893	IA537STD-250	26-Jul-22	02:08:59	11.819	12543.815	337145.875	249.418	99.8	1.075	2874	745	1.16

Compound name: PFTA
Coefficient of Determination: R^2 = 0.999077
Calibration curve: 0.00058486 * x^2 + 0.931734 * x
Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



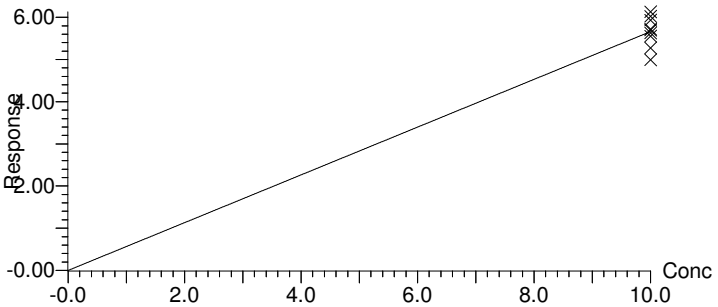
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: M2PFTEDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	11.845	31769.338	19476.527	10.827	108.3	0.613	433508		1.17
2	I23886	IA537STD-1	26-Jul-22	00:13:04	11.832	31415.639	17459.729	9.815	98.1	0.556	95		0.99
3	I23887	IA537STD-2	26-Jul-22	00:29:36	11.837	32243.754	18152.404	9.942	99.4	0.563	406234		0.96
4	I23888	IA537STD-5	26-Jul-22	00:46:09	11.837	33083.676	18852.939	10.064	100.6	0.570	630		1.04
5	I23889	IA537STD-10	26-Jul-22	01:02:44	11.828	32788.664	18753.123	10.100	101.0	0.572	654		1.12
6	I23890	IA537STD-25	26-Jul-22	01:19:18	11.832	31400.635	18921.461	10.642	106.4	0.603	277		1.06
7	I23891	IA537STD-50	26-Jul-22	01:35:51	11.828	30640.225	18188.688	10.483	104.8	0.594	399167		1.11
8	I23892	IA537STD-100	26-Jul-22	01:52:25	11.823	28859.861	14398.045	8.810	88.1	0.499	319631		1.06
9	I23893	IA537STD-250	26-Jul-22	02:08:59	11.819	23776.791	12543.815	9.317	93.2	0.528	196		1.22

Compound name: M2PFTEDA
Response Factor: 0.566251
RRF SD: 0.0361587, % Relative SD: 6.38563
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



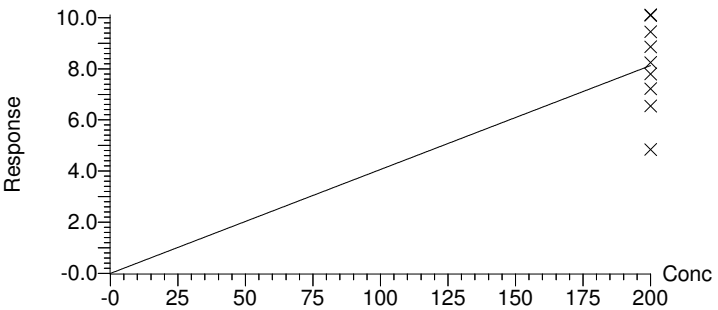
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: M3HFPO-DA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	6.847	42590.730	40217.234	232.425	116.2	0.047	2802		0.97
2	I23886	IA537STD-1	26-Jul-22	00:13:04	6.840	39789.082	40222.977	248.826	124.4	0.051	5593		0.98
3	I23887	IA537STD-2	26-Jul-22	00:29:36	6.839	41422.008	36674.953	217.934	109.0	0.044	1356		0.96
4	I23888	IA537STD-5	26-Jul-22	00:46:09	6.836	43420.129	35819.789	203.057	101.5	0.041	2527		0.98
5	I23889	IA537STD-10	26-Jul-22	01:02:44	6.831	41458.664	41785.285	248.081	124.0	0.050	5687		0.98
6	I23890	IA537STD-25	26-Jul-22	01:19:18	6.831	44683.723	34833.516	191.882	95.9	0.039	411		1.00
7	I23891	IA537STD-50	26-Jul-22	01:35:51	6.823	44823.180	32345.391	177.622	88.8	0.036	1063		1.00
8	I23892	IA537STD-100	26-Jul-22	01:52:25	6.823	41830.828	27371.914	161.063	80.5	0.033	1915		0.99
9	I23893	IA537STD-250	26-Jul-22	02:08:59	6.815	35450.852	17155.035	119.111	59.6	0.024	874		1.03

Compound name: M3HFPO-DA
Response Factor: 0.0406269
RRF SD: 0.00870879, % Relative SD: 21.436
Response type: Internal Std (Ref 23), Area * (IS Conc. / IS Area)
Curve type: RF



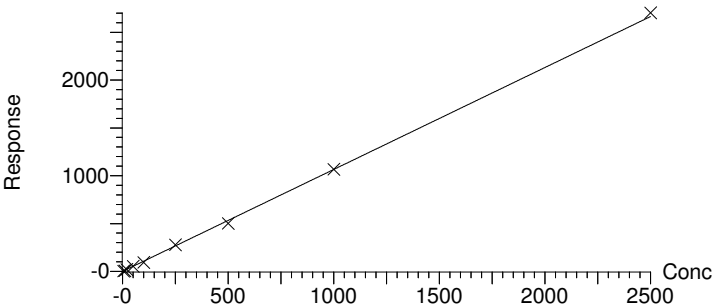
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: HFPO-DA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	6.847	40217.234	950.902	4.437	88.7	0.946	8622	3	0.94
2	I23886	IA537STD-1	26-Jul-22	00:13:04	6.844	40222.977	1502.627	7.011	70.1	0.747	194	4	0.93
3	I23887	IA537STD-2	26-Jul-22	00:29:36	6.839	36674.953	3440.187	17.603	88.0	0.938	555	28	0.96
4	I23888	IA537STD-5	26-Jul-22	00:46:09	6.836	35819.789	9475.258	49.642	99.3	1.058	319	26	0.98
5	I23889	IA537STD-10	26-Jul-22	01:02:44	6.831	41785.285	19482.068	87.497	87.5	0.932	1426	211	0.98
6	I23890	IA537STD-25	26-Jul-22	01:19:18	6.834	34833.516	48447.801	261.009	104.4	1.113	20661	2788	0.96
7	I23891	IA537STD-50	26-Jul-22	01:35:51	6.823	32345.391	81083.031	470.432	94.1	1.003	4819	68283	1.00
8	I23892	IA537STD-100	26-Jul-22	01:52:25	6.823	27371.914	146028.125	1001.176	100.1	1.067	5037	2749	1.02
9	I23893	IA537STD-250	26-Jul-22	02:08:59	6.815	17155.035	231843.422	2536.193	101.4	1.081	773	2873	1.05

Compound name: HFPO-DA
Coefficient of Determination: R^2 = 0.998693
Calibration curve: 1.06574 * x
Response type: Internal Std (Ref 58), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



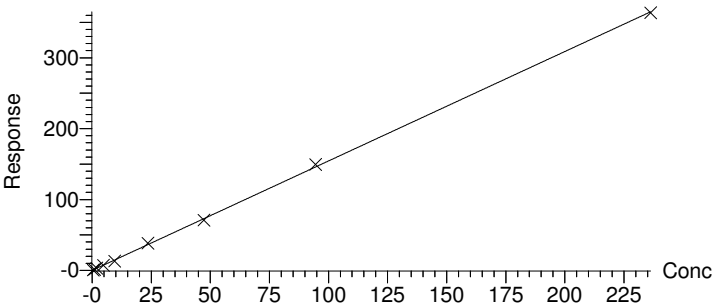
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: ADONA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	7.851	40625.063	2716.617	0.433	91.6	1.415	319	43	1.11
2	I23886	IA537STD-1	26-Jul-22	00:13:04	7.844	40630.441	5460.959	0.870	92.1	1.422	408	7	1.01
3	I23887	IA537STD-2	26-Jul-22	00:29:36	7.841	38896.156	11484.879	1.912	101.2	1.562	738	30	1.06
4	I23888	IA537STD-5	26-Jul-22	00:46:09	7.840	40007.082	28623.445	4.633	98.1	1.514	1303	12	1.05
5	I23889	IA537STD-10	26-Jul-22	01:02:44	7.832	44072.551	57994.543	8.521	90.2	1.392	3587	38296	1.05
6	I23890	IA537STD-25	26-Jul-22	01:19:18	7.835	44393.574	169935.031	24.788	104.9	1.620	2925	622	1.08
7	I23891	IA537STD-50	26-Jul-22	01:35:51	7.829	41732.668	295401.281	45.836	97.0	1.498	13184	793	1.09
8	I23892	IA537STD-100	26-Jul-22	01:52:25	7.829	38749.652	578775.563	96.719	102.3	1.581	16802	1005	1.09
9	I23893	IA537STD-250	26-Jul-22	02:08:59	7.826	34520.824	1254899.000	235.395	99.6	1.539	26267	1931	1.15

Compound name: ADONA
Coefficient of Determination: R^2 = 0.999358
Calibration curve: 1.54429 * x
Response type: Internal Std (Ref 22), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



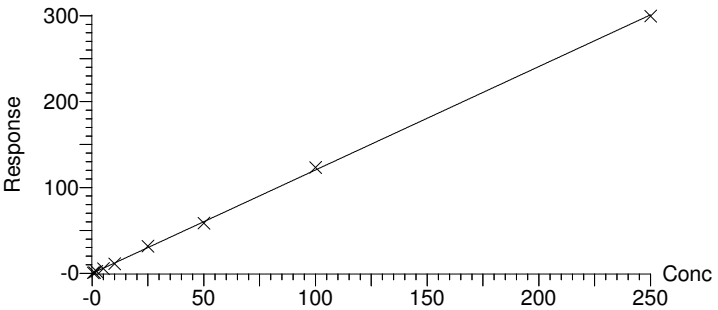
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: PFHxDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	12.4...	21094.811	1359.916	0.535	107.1	1.289	667	97	1.02
2	I23886	IA537STD-1	26-Jul-22	00:13:04	12.4...	19551.758	2317.203	0.984	98.4	1.185	981	188	1.00
3	I23887	IA537STD-2	26-Jul-22	00:29:36	12.4...	19392.244	4435.200	1.900	95.0	1.144	3016	143	1.06
4	I23888	IA537STD-5	26-Jul-22	00:46:09	12.4...	20968.004	11478.953	4.547	90.9	1.095	4733	463	1.00
5	I23889	IA537STD-10	26-Jul-22	01:02:44	12.4...	20272.277	22613.434	9.264	92.6	1.115	14944	3579	1.01
6	I23890	IA537STD-25	26-Jul-22	01:19:18	12.4...	20705.678	65698.711	26.353	105.4	1.269	19980	1801	1.05
7	I23891	IA537STD-50	26-Jul-22	01:35:51	12.4...	19230.004	112481.359	48.580	97.2	1.170	22911	4943	1.04
8	I23892	IA537STD-100	26-Jul-22	01:52:25	12.4...	15605.059	192458.797	102.430	102.4	1.233	49441	15014	1.08
9	I23893	IA537STD-250	26-Jul-22	02:08:59	12.4...	14323.304	429264.281	248.907	99.6	1.199	121209	13949	1.08

Compound name: PFHxDA
Coefficient of Determination: R^2 = 0.999338
Calibration curve: 1.20405 * x
Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



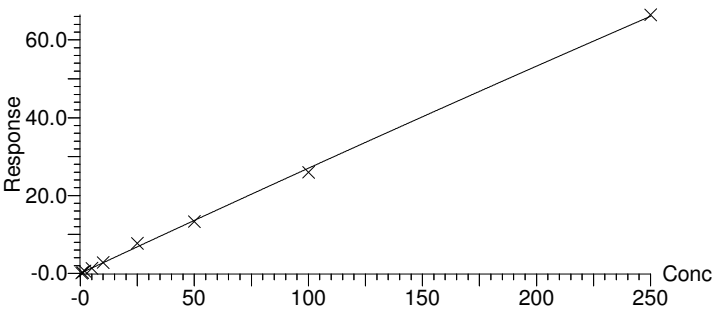
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: PFODA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	12.7...	21094.811	248.417	0.429	85.9	0.236	94	5	1.04
2	I23886	IA537STD-1	26-Jul-22	00:13:04	12.7...	19551.758	454.814	0.848	84.8	0.233	111	24	1.16
3	I23887	IA537STD-2	26-Jul-22	00:29:36	12.7...	19392.244	1162.085	2.185	109.3	0.300	636	545	1.11
4	I23888	IA537STD-5	26-Jul-22	00:46:09	12.7...	20968.004	2791.072	4.856	97.1	0.266	844	154	0.99
5	I23889	IA537STD-10	26-Jul-22	01:02:44	12.7...	20272.277	5675.838	10.223	102.2	0.280	1735	41	1.11
6	I23890	IA537STD-25	26-Jul-22	01:19:18	12.7...	20705.678	16059.014	28.394	113.6	0.310	4681	31	1.03
7	I23891	IA537STD-50	26-Jul-22	01:35:51	12.7...	19230.004	25625.346	48.933	97.9	0.267	6346	213	1.00
8	I23892	IA537STD-100	26-Jul-22	01:52:25	12.7...	15605.059	40589.742	96.182	96.2	0.260	7751	507	1.11
9	I23893	IA537STD-250	26-Jul-22	02:08:59	12.7...	14323.304	95160.805	251.457	100.6	0.266	27062	559	1.00

Compound name: PFODA
Coefficient of Determination: R^2 = 0.998310
Calibration curve: -4.00601e-005 * x^2 + 0.274285 * x
Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



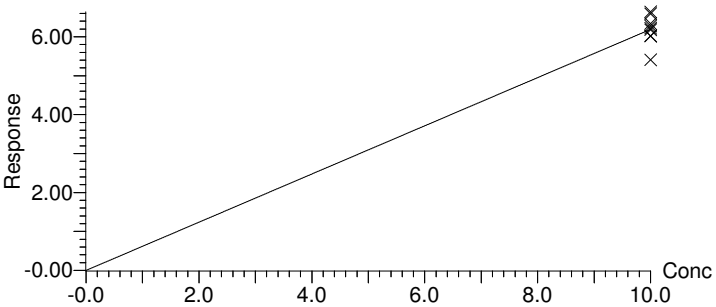
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: M2PFHxDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	12.4...	31769.338	21094.811	10.729	107.3	0.664	8032		0.99
2	I23886	IA537STD-1	26-Jul-22	00:13:04	12.4...	31415.639	19551.758	10.056	100.6	0.622	8622		1.08
3	I23887	IA537STD-2	26-Jul-22	00:29:36	12.4...	32243.754	19392.244	9.718	97.2	0.601	12135		1.04
4	I23888	IA537STD-5	26-Jul-22	00:46:09	12.4...	33083.676	20968.004	10.241	102.4	0.634	6330		1.06
5	I23889	IA537STD-10	26-Jul-22	01:02:44	12.4...	32788.664	20272.277	9.990	99.9	0.618	9176		0.97
6	I23890	IA537STD-25	26-Jul-22	01:19:18	12.4...	31400.635	20705.678	10.655	106.5	0.659	5922		1.03
7	I23891	IA537STD-50	26-Jul-22	01:35:51	12.4...	30640.225	19230.004	10.141	101.4	0.628	12162		1.02
8	I23892	IA537STD-100	26-Jul-22	01:52:25	12.4...	28859.861	15605.059	8.737	87.4	0.541	14640		1.05
9	I23893	IA537STD-250	26-Jul-22	02:08:59	12.4...	23776.791	14323.304	9.734	97.3	0.602	5076		1.05

Compound name: M2PFHxDA
Response Factor: 0.618886
RRF SD: 0.0365272, % Relative SD: 5.90209
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



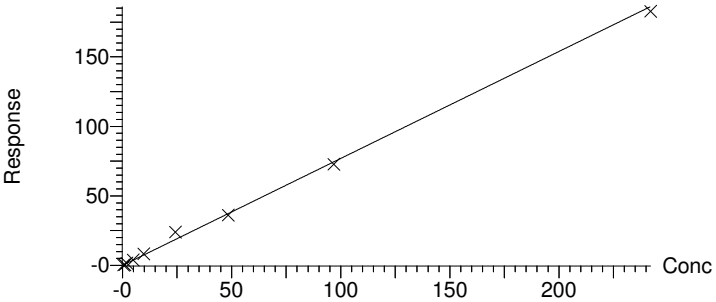
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: PFDoS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	11.465	16946.209	445.676	0.328	67.7	0.521	71	7	1.01
2	I23886	IA537STD-1	26-Jul-22	00:13:04	11.448	17271.336	1016.070	0.733	75.7	0.583	34	17	1.07
3	I23887	IA537STD-2	26-Jul-22	00:29:36	11.451	16739.957	2648.429	1.972	101.9	0.784	83	31327	1.05
4	I23888	IA537STD-5	26-Jul-22	00:46:09	11.451	16533.510	6868.946	5.178	107.0	0.823	186	105	1.20
5	I23889	IA537STD-10	26-Jul-22	01:02:44	11.441	15253.115	13118.477	10.719	110.7	0.852	796	1041	1.10
6	I23890	IA537STD-25	26-Jul-22	01:19:18	11.448	15172.657	37993.820	31.210	129.0	0.992	2600	1136	1.16
7	I23891	IA537STD-50	26-Jul-22	01:35:51	11.446	16661.721	62705.617	46.906	96.9	0.746	179	475	1.12
8	I23892	IA537STD-100	26-Jul-22	01:52:25	11.441	14657.300	111254.875	94.603	97.7	0.752	577	769	1.14
9	I23893	IA537STD-250	26-Jul-22	02:08:59	11.439	11461.345	218548.219	237.658	98.2	0.756	16066	1966	1.20

Compound name: PFDoS
Coefficient of Determination: R^2 = 0.994062
Calibration curve: 0.769444 * x
Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



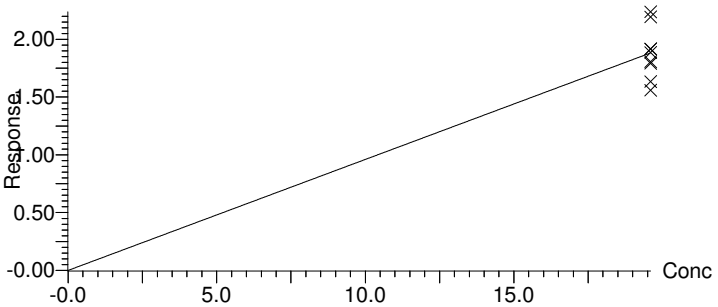
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: M2D4-10:2FTS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	11.048	16713.672	3204.244	19.962	101.8	0.098	51		1.04
2	I23886	IA537STD-1	26-Jul-22	00:13:04	11.036	16379.509	3593.320	22.843	116.5	0.112	397		1.18
3	I23887	IA537STD-2	26-Jul-22	00:29:36	11.039	15987.877	3578.380	23.305	118.9	0.114	147		0.95
4	I23888	IA537STD-5	26-Jul-22	00:46:09	11.036	17840.250	2914.783	17.012	86.8	0.083	1235		1.06
5	I23889	IA537STD-10	26-Jul-22	01:02:44	11.033	15981.821	2864.841	18.665	95.2	0.091	26		0.98
6	I23890	IA537STD-25	26-Jul-22	01:19:18	11.036	17614.566	3375.944	19.956	101.8	0.098	51		0.91
7	I23891	IA537STD-50	26-Jul-22	01:35:51	11.036	15523.022	2419.388	16.229	82.8	0.080	158		0.85
8	I23892	IA537STD-100	26-Jul-22	01:52:25	11.030	15063.803	2719.439	18.797	95.9	0.092	64202		0.90
9	I23893	IA537STD-250	26-Jul-22	02:08:59	11.026	12142.486	2289.393	19.632	100.2	0.096	17		1.22

Compound name: M2D4-10:2FTS
Response Factor: 0.0960395
RRF SD: 0.0115022, % Relative SD: 11.9765
Response type: Internal Std (Ref 32), Area * (IS Conc. / IS Area)
Curve type: RF



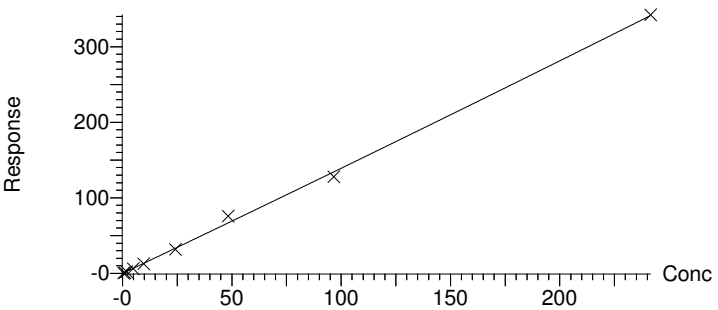
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: 10:2FTS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	11.051	3204.244	98.648	0.438	90.8	1.249	26	16	0.96
2	I23886	IA537STD-1	26-Jul-22	00:13:04	11.042	3593.320	152.814	0.606	62.7	0.863	3599	24	0.89
3	I23887	IA537STD-2	26-Jul-22	00:29:36	11.042	3578.380	399.217	1.589	82.2	1.132	127	32	1.03
4	I23888	IA537STD-5	26-Jul-22	00:46:09	11.042	2914.783	952.360	4.651	96.3	1.326	239	388	0.99
5	I23889	IA537STD-10	26-Jul-22	01:02:44	11.039	2864.841	1839.386	9.135	94.6	1.303	92	472	0.88
6	I23890	IA537STD-25	26-Jul-22	01:19:18	11.042	3375.944	5472.177	23.026	95.3	1.316	5027	676	0.96
7	I23891	IA537STD-50	26-Jul-22	01:35:51	11.039	2419.388	9364.063	54.789	113.4	1.571	867	1546	0.97
8	I23892	IA537STD-100	26-Jul-22	01:52:25	11.033	2719.439	17749.080	92.016	95.3	1.324	6714	1792	0.97
9	I23893	IA537STD-250	26-Jul-22	02:08:59	11.036	2289.393	39969.977	242.166	100.3	1.417	7747	5164	0.95

Compound name: 10:2FTS
Coefficient of Determination: R^2 = 0.996711
Calibration curve: 0.000151891 * x^2 + 1.37627 * x
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



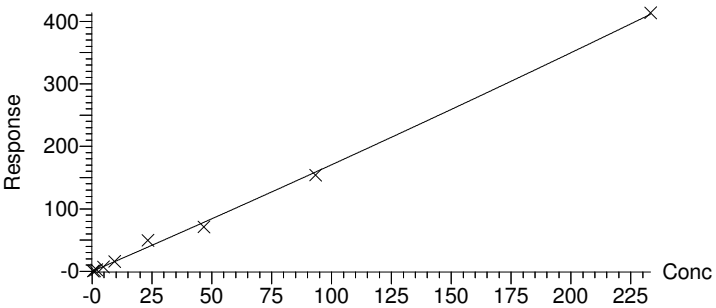
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: 9CL-PF3ONS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	9.789	16946.209	1179.237	0.401	86.1	1.431	23304	2840	1.04
2	I23886	IA537STD-1	26-Jul-22	00:13:04	9.778	17271.336	2010.581	0.672	72.0	1.197	11	13	1.04
3	I23887	IA537STD-2	26-Jul-22	00:29:36	9.783	16739.957	4606.381	1.587	85.1	1.414	83	12	0.95
4	I23888	IA537STD-5	26-Jul-22	00:46:09	9.778	16533.510	12727.018	4.436	95.1	1.582	240497	86	1.03
5	I23889	IA537STD-10	26-Jul-22	01:02:44	9.776	15253.115	25169.309	9.497	101.8	1.696	832	109541	0.98
6	I23890	IA537STD-25	26-Jul-22	01:19:18	9.773	15172.657	78797.555	29.734	127.5	2.135	2607	319930	1.07
7	I23891	IA537STD-50	26-Jul-22	01:35:51	9.773	16661.721	123883.594	42.430	91.0	1.528	3638	2168	1.05
8	I23892	IA537STD-100	26-Jul-22	01:52:25	9.773	14657.300	235475.984	90.553	97.1	1.651	3032	535	1.00
9	I23893	IA537STD-250	26-Jul-22	02:08:59	9.773	11461.345	494283.406	234.468	100.5	1.773	1918	609	1.07

Compound name: 9CL-PF3ONS
Coefficient of Determination: R^2 = 0.994359
Calibration curve: 0.000434227 * x^2 + 1.66209 * x
Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



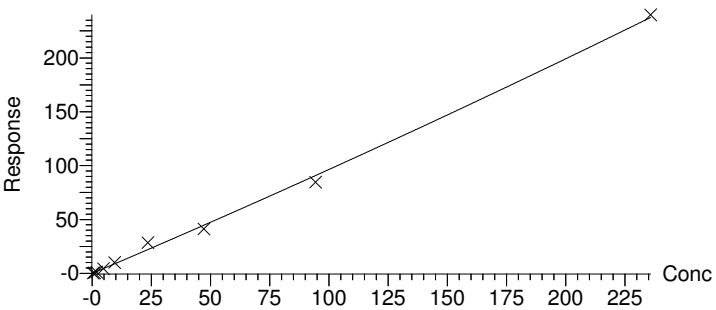
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: 11CL-PFOUdS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	10.8...	16946.209	634.050	0.384	81.5	0.761	17	6	1.08
2	I23886	IA537STD-1	26-Jul-22	00:13:04	10.8...	17271.336	1223.861	0.728	77.2	0.721	64	9740	1.09
3	I23887	IA537STD-2	26-Jul-22	00:29:36	10.8...	16739.957	2314.201	1.419	75.3	0.703	44212	23906	1.00
4	I23888	IA537STD-5	26-Jul-22	00:46:09	10.8...	16533.510	7744.977	4.804	101.9	0.953	493	50484	1.03
5	I23889	IA537STD-10	26-Jul-22	01:02:44	10.8...	15253.115	16251.294	10.904	115.6	1.084	666	112495	1.07
6	I23890	IA537STD-25	26-Jul-22	01:19:18	10.8...	15172.657	45289.672	30.351	128.7	1.214	1204	988	1.10
7	I23891	IA537STD-50	26-Jul-22	01:35:51	10.8...	16661.721	71577.984	43.492	92.2	0.874	3381	338	0.99
8	I23892	IA537STD-100	26-Jul-22	01:52:25	10.8...	14657.300	129452.789	88.112	93.4	0.898	2859	2073	1.05
9	I23893	IA537STD-250	26-Jul-22	02:08:59	10.8...	11461.345	286824.531	238.023	101.0	1.018	6838	1551	1.08

Compound name: 11CL-PFOUdS
Coefficient of Determination: R^2 = 0.992827
Calibration curve: 0.000313632 * x^2 + 0.933627 * x
Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



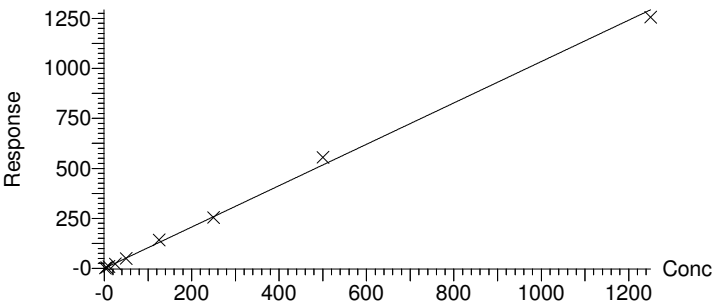
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: NMeFOSA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	11.203	110708.703	2284.763	1.995	79.8	0.826	19	7	1.09
2	I23886	IA537STD-1	26-Jul-22	00:13:04	11.188	106842.188	5161.095	4.670	93.4	0.966	116292	40074	1.12
3	I23887	IA537STD-2	26-Jul-22	00:29:36	11.191	111963.617	10679.418	9.222	92.2	0.954	129	70	1.11
4	I23888	IA537STD-5	26-Jul-22	00:46:09	11.188	115466.453	26785.383	22.427	89.7	0.928	227	261653	1.15
5	I23889	IA537STD-10	26-Jul-22	01:02:44	11.181	110837.898	55653.852	48.545	97.1	1.004	2677	118	1.13
6	I23890	IA537STD-25	26-Jul-22	01:19:18	11.186	110203.484	157485.891	138.160	110.5	1.143	2166	482	1.16
7	I23891	IA537STD-50	26-Jul-22	01:35:51	11.184	107585.828	273917.469	246.150	98.5	1.018	3852	2336	1.14
8	I23892	IA537STD-100	26-Jul-22	01:52:25	11.179	91340.086	507654.969	537.331	107.5	1.112	5227	1604	1.12
9	I23893	IA537STD-250	26-Jul-22	02:08:59	11.181	82962.984	1042190.938	1214.501	97.2	1.005	2684	4525	1.16

Compound name: NMeFOSA
Coefficient of Determination: R^2 = 0.997422
Calibration curve: 1.03434 * x
Response type: Internal Std (Ref 70), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/y, Axis trans: None



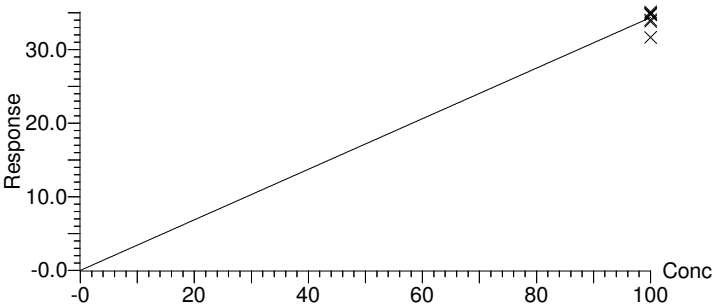
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: d3-NMeFOSA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	11.196	31769.338	110708.703	101.486	101.5	0.348	2327		1.07
2	I23886	IA537STD-1	26-Jul-22	00:13:04	11.179	31415.639	106842.188	99.044	99.0	0.340	865		1.14
3	I23887	IA537STD-2	26-Jul-22	00:29:36	11.181	32243.754	111963.617	101.126	101.1	0.347	1590		1.14
4	I23888	IA537STD-5	26-Jul-22	00:46:09	11.181	33083.676	115466.453	101.642	101.6	0.349	1728		1.12
5	I23889	IA537STD-10	26-Jul-22	01:02:44	11.174	32788.664	110837.898	98.446	98.4	0.338	2248		1.13
6	I23890	IA537STD-25	26-Jul-22	01:19:18	11.179	31400.635	110203.484	102.209	102.2	0.351	1176		1.15
7	I23891	IA537STD-50	26-Jul-22	01:35:51	11.177	30640.225	107585.828	102.258	102.3	0.351	1195		1.12
8	I23892	IA537STD-100	26-Jul-22	01:52:25	11.170	28859.861	91340.086	92.172	92.2	0.316	760		1.19
9	I23893	IA537STD-250	26-Jul-22	02:08:59	11.169	23776.791	82962.984	101.616	101.6	0.349	1372		1.28

Compound name: d3-NMeFOSA
Response Factor: 0.343374
RRF SD: 0.0110846, % Relative SD: 3.22815
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



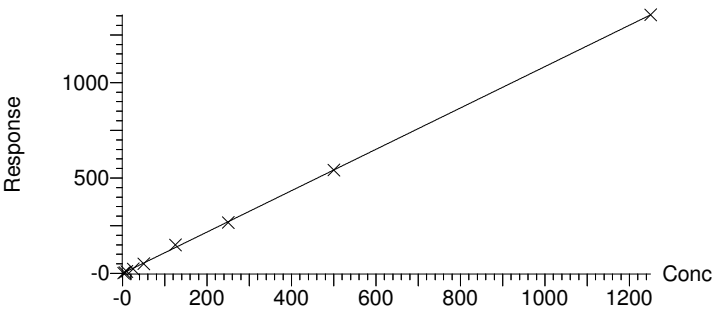
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: NEtFOSA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	11.517	129594.086	2794.131	1.989	79.5	0.862	44	30	1.29
2	I23886	IA537STD-1	26-Jul-22	00:13:04	11.504	124287.188	5434.957	4.033	80.7	0.875	55	20	0.95
3	I23887	IA537STD-2	26-Jul-22	00:29:36	11.507	128035.711	12298.695	8.860	88.6	0.961	41	41	0.87
4	I23888	IA537STD-5	26-Jul-22	00:46:09	11.506	132601.313	32040.180	22.287	89.1	0.967	523	119991	0.99
5	I23889	IA537STD-10	26-Jul-22	01:02:44	11.498	126526.484	63742.957	46.468	92.9	1.008	469	357	0.89
6	I23890	IA537STD-25	26-Jul-22	01:19:18	11.504	125136.742	186655.906	137.581	110.1	1.193	1802	711	0.95
7	I23891	IA537STD-50	26-Jul-22	01:35:51	11.501	118750.625	316698.750	245.987	98.4	1.067	1333	1410	0.97
8	I23892	IA537STD-100	26-Jul-22	01:52:25	11.496	109499.141	593734.813	500.131	100.0	1.084	8326	253	0.98
9	I23893	IA537STD-250	26-Jul-22	02:08:59	11.494	88347.453	1197453.375	1250.163	100.0	1.084	6633	2714	1.05

Compound name: NEtFOSA
Coefficient of Determination: R^2 = 0.998921
Calibration curve: 1.08417 * x
Response type: Internal Std (Ref 72), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



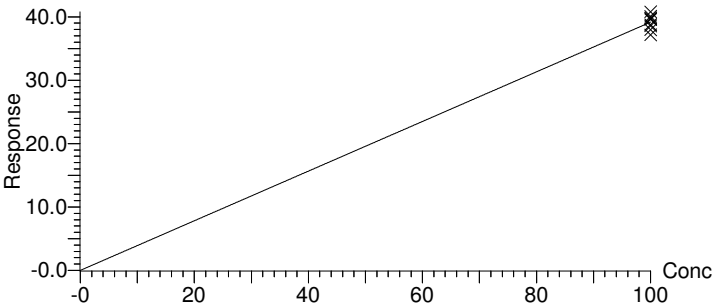
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: d5-NEtFOSA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	11.507	31769.338	129594.086	104.168	104.2	0.408	4424		0.97
2	I23886	IA537STD-1	26-Jul-22	00:13:04	11.491	31415.639	124287.188	101.027	101.0	0.396	2358		0.99
3	I23887	IA537STD-2	26-Jul-22	00:29:36	11.494	32243.754	128035.711	101.401	101.4	0.397	1521		0.99
4	I23888	IA537STD-5	26-Jul-22	00:46:09	11.496	33083.676	132601.313	102.351	102.4	0.401	1932		0.95
5	I23889	IA537STD-10	26-Jul-22	01:02:44	11.484	32788.664	126526.484	98.541	98.5	0.386	584		1.02
6	I23890	IA537STD-25	26-Jul-22	01:19:18	11.491	31400.635	125136.742	101.767	101.8	0.399	575		1.03
7	I23891	IA537STD-50	26-Jul-22	01:35:51	11.487	30640.225	118750.625	98.970	99.0	0.388	8205		1.07
8	I23892	IA537STD-100	26-Jul-22	01:52:25	11.482	28859.861	109499.141	96.889	96.9	0.379	1375		1.08
9	I23893	IA537STD-250	26-Jul-22	02:08:59	11.480	23776.791	88347.453	94.885	94.9	0.372	520		1.18

Compound name: d5-NEtFOSA
Response Factor: 0.391599
RRF SD: 0.0114228, % Relative SD: 2.91698
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



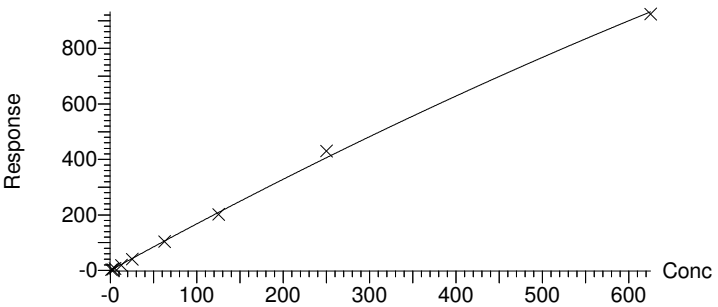
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: NMeFOSE

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	11.206	90880.242	1791.733	1.150	92.0	1.577	76		1.20
2	I23886	IA537STD-1	26-Jul-22	00:13:04	11.192	88665.180	3484.819	2.294	91.7	1.572	81		0.97
3	I23887	IA537STD-2	26-Jul-22	00:29:36	11.194	99178.031	6839.146	4.026	80.5	1.379	147841		1.04
4	I23888	IA537STD-5	26-Jul-22	00:46:09	11.192	111302.070	20717.756	10.882	87.1	1.489	87		1.07
5	I23889	IA537STD-10	26-Jul-22	01:02:44	11.185	99358.641	39872.590	23.523	94.1	1.605	1649		1.13
6	I23890	IA537STD-25	26-Jul-22	01:19:18	11.192	108739.211	113335.867	61.586	98.5	1.668	3187		1.05
7	I23891	IA537STD-50	26-Jul-22	01:35:51	11.187	86451.945	174395.484	120.702	96.6	1.614	2666		1.14
8	I23892	IA537STD-100	26-Jul-22	01:52:25	11.182	69940.297	300764.313	265.526	106.2	1.720	2513		1.11
9	I23893	IA537STD-250	26-Jul-22	02:08:59	11.185	60558.867	559666.063	618.873	99.0	1.479	4094		1.18

Compound name: NMeFOSE
Coefficient of Determination: R^2 = 0.998349
Calibration curve: -0.000357235 * x^2 + 1.71439 * x
Response type: Internal Std (Ref 74), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



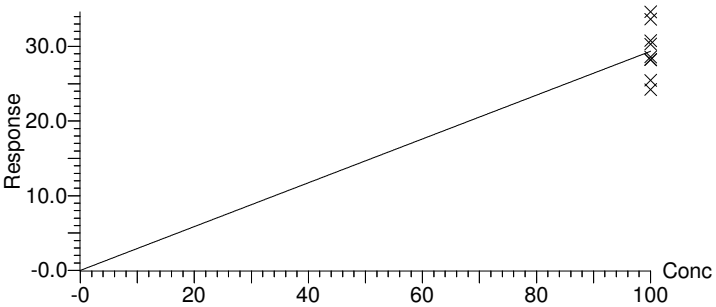
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: d7-NMeFOSE

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	11.187	31769.338	90880.242	97.491	97.5	0.286	356		1.17
2	I23886	IA537STD-1	26-Jul-22	00:13:04	11.173	31415.639	88665.180	96.186	96.2	0.282	583		1.17
3	I23887	IA537STD-2	26-Jul-22	00:29:36	11.175	32243.754	99178.031	104.827	104.8	0.308	898		1.17
4	I23888	IA537STD-5	26-Jul-22	00:46:09	11.175	33083.676	111302.070	114.655	114.7	0.336	1513		1.13
5	I23889	IA537STD-10	26-Jul-22	01:02:44	11.166	32788.664	99358.641	103.272	103.3	0.303	1896		1.20
6	I23890	IA537STD-25	26-Jul-22	01:19:18	11.173	31400.635	108739.211	118.019	118.0	0.346	1476		1.17
7	I23891	IA537STD-50	26-Jul-22	01:35:51	11.168	30640.225	86451.945	96.158	96.2	0.282	901		1.23
8	I23892	IA537STD-100	26-Jul-22	01:52:25	11.161	28859.861	69940.297	82.592	82.6	0.242	847		1.30
9	I23893	IA537STD-250	26-Jul-22	02:08:59	11.161	23776.791	60558.867	86.801	86.8	0.255	775		1.34

Compound name: d7-NMeFOSE
Response Factor: 0.293425
RRF SD: 0.0341922, % Relative SD: 11.6528
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



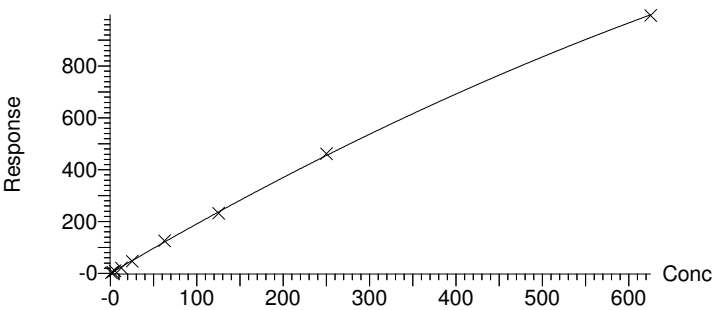
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: NEtFOSE

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	11.505	70633.078	1392.598	1.001	80.1	1.577	54		1.13
2	I23886	IA537STD-1	26-Jul-22	00:13:04	11.493	65235.770	2970.603	2.313	92.5	1.821	86		0.90
3	I23887	IA537STD-2	26-Jul-22	00:29:36	11.493	70356.758	6909.986	4.992	99.8	1.964	158		1.06
4	I23888	IA537STD-5	26-Jul-22	00:46:09	11.495	82555.984	17732.955	10.939	87.5	1.718	1140		0.99
5	I23889	IA537STD-10	26-Jul-22	01:02:44	11.484	74762.438	34999.152	23.935	95.7	1.873	377		1.06
6	I23890	IA537STD-25	26-Jul-22	01:19:18	11.491	79166.750	100030.156	65.431	104.7	2.022	1343		1.07
7	I23891	IA537STD-50	26-Jul-22	01:35:51	11.486	65143.672	151483.609	122.584	98.1	1.860	2726		1.15
8	I23892	IA537STD-100	26-Jul-22	01:52:25	11.481	53761.801	248648.313	254.370	101.7	1.850	3325		1.19
9	I23893	IA537STD-250	26-Jul-22	02:08:59	11.476	49942.840	497197.344	623.003	99.7	1.593	4752		1.42

Compound name: NEtFOSE
Coefficient of Determination: R^2 = 0.999347
Calibration curve: -0.000597505 * x^2 + 1.97021 * x
Response type: Internal Std (Ref 76), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



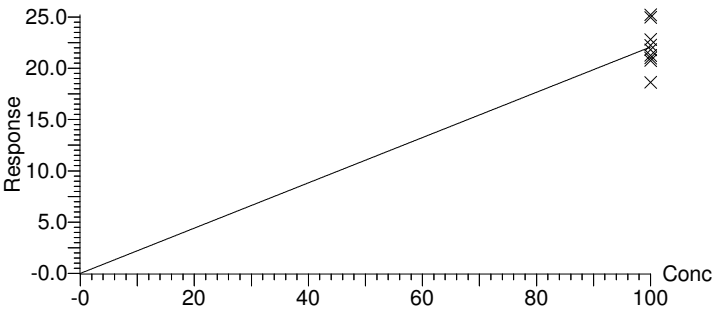
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: d9-NEtFOSE

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	11.486	31769.338	70633.078	100.714	100.7	0.222	965		1.03
2	I23886	IA537STD-1	26-Jul-22	00:13:04	11.469	31415.639	65235.770	94.065	94.1	0.208	697		1.13
3	I23887	IA537STD-2	26-Jul-22	00:29:36	11.472	32243.754	70356.758	98.844	98.8	0.218	977		1.08
4	I23888	IA537STD-5	26-Jul-22	00:46:09	11.474	33083.676	82555.984	113.038	113.0	0.250	3186		1.03
5	I23889	IA537STD-10	26-Jul-22	01:02:44	11.465	32788.664	74762.438	103.288	103.3	0.228	974		1.08
6	I23890	IA537STD-25	26-Jul-22	01:19:18	11.469	31400.635	79166.750	114.207	114.2	0.252	1616		1.09
7	I23891	IA537STD-50	26-Jul-22	01:35:51	11.467	30640.225	65143.672	96.309	96.3	0.213	227		1.05
8	I23892	IA537STD-100	26-Jul-22	01:52:25	11.462	28859.861	53761.801	84.386	84.4	0.186	419		1.10
9	I23893	IA537STD-250	26-Jul-22	02:08:59	11.460	23776.791	49942.840	95.150	95.1	0.210	1646		1.05

Compound name: d9-NEtFOSE
Response Factor: 0.220755
RRF SD: 0.0206594, % Relative SD: 9.35852
Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)
Curve type: RF



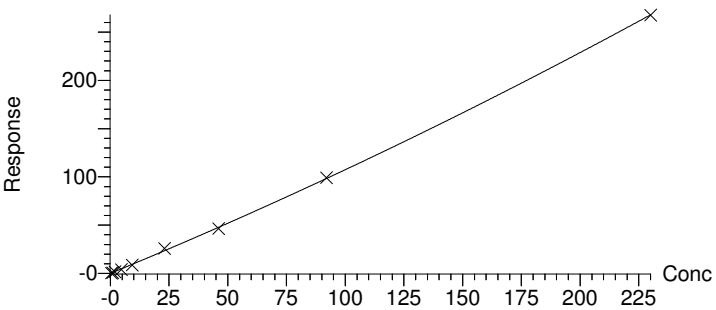
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: PFPrS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	3.370	15842.368	670.324	0.392	85.3	0.857	236	28	0.47
2	I23886	IA537STD-1	26-Jul-22	00:13:04	3.369	15689.002	1347.112	0.796	86.5	0.870	50	90	0.43
3	I23887	IA537STD-2	26-Jul-22	00:29:36	3.340	15813.672	2692.933	1.578	85.8	0.863	153	195	0.43
4	I23888	IA537STD-5	26-Jul-22	00:46:09	3.344	16121.948	7085.994	4.066	88.4	0.891	1871	300	0.41
5	I23889	IA537STD-10	26-Jul-22	01:02:44	3.340	15705.815	14748.967	8.659	94.1	0.951	516	927	0.44
6	I23890	IA537STD-25	26-Jul-22	01:19:18	3.339	15407.857	42777.906	25.311	110.0	1.125	18216	776	0.46
7	I23891	IA537STD-50	26-Jul-22	01:35:51	3.342	15400.353	76536.156	44.716	97.2	1.007	1564	3885	0.39
8	I23892	IA537STD-100	26-Jul-22	01:52:25	3.340	14036.856	149210.531	92.658	100.7	1.077	16640	913	0.38
9	I23893	IA537STD-250	26-Jul-22	02:08:59	3.340	11871.486	340963.594	229.827	99.9	1.164	31014	708	0.34

Compound name: PFPrS
Coefficient of Determination: R^2 = 0.999064
Calibration curve: 0.000696257 * x^2 + 1.00469 * x
Response type: Internal Std (Ref 7), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



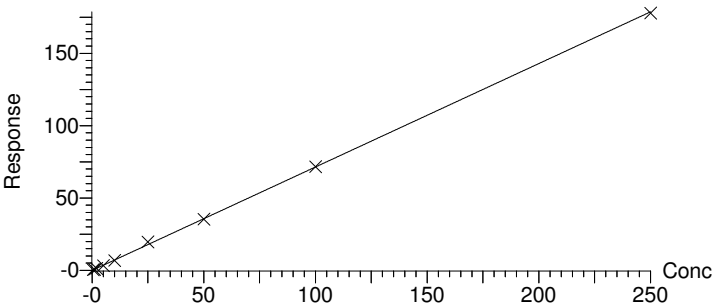
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: PFMPA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	3.358	41664.820	1420.130	0.477	95.4	0.682	305		0.58
2	I23886	IA537STD-1	26-Jul-22	00:13:04	3.359	40839.871	2751.056	0.943	94.3	0.674	453		0.51
3	I23887	IA537STD-2	26-Jul-22	00:29:36	3.332	42798.508	5684.240	1.858	92.9	0.664	910		0.52
4	I23888	IA537STD-5	26-Jul-22	00:46:09	3.336	43071.613	14593.475	4.741	94.8	0.678	1870		0.49
5	I23889	IA537STD-10	26-Jul-22	01:02:44	3.332	43393.262	29617.928	9.550	95.5	0.683	7375		0.52
6	I23890	IA537STD-25	26-Jul-22	01:19:18	3.330	43713.645	86050.539	27.544	110.2	0.787	12297		0.56
7	I23891	IA537STD-50	26-Jul-22	01:35:51	3.332	43618.902	154357.609	49.515	99.0	0.708	15952		0.48
8	I23892	IA537STD-100	26-Jul-22	01:52:25	3.330	42882.867	307044.094	100.185	100.2	0.716	27074		0.47
9	I23893	IA537STD-250	26-Jul-22	02:08:59	3.331	39875.445	708713.125	248.686	99.5	0.711	17326		0.43

Compound name: PFMPA
Coefficient of Determination: R^2 = 0.999248
Calibration curve: 0.714682 * x
Response type: Internal Std (Ref 3), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



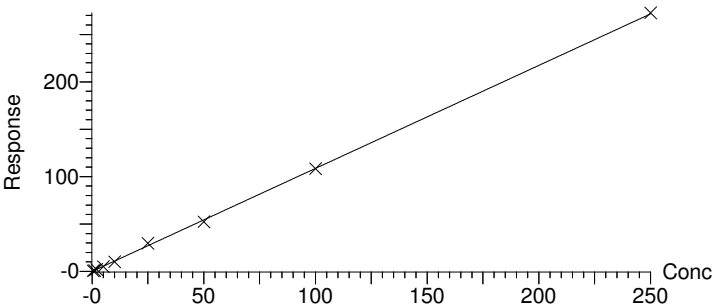
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: PFMBA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	5.332	41794.598	2127.635	0.468	93.7	1.018	187		1.02
2	I23886	IA537STD-1	26-Jul-22	00:13:04	5.326	40342.293	4047.664	0.923	92.3	1.003	318		0.97
3	I23887	IA537STD-2	26-Jul-22	00:29:36	5.319	42447.574	8427.198	1.827	91.3	0.993	6082		0.90
4	I23888	IA537STD-5	26-Jul-22	00:46:09	5.318	43505.293	21661.225	4.582	91.6	0.996	3744		0.92
5	I23889	IA537STD-10	26-Jul-22	01:02:44	5.313	43324.438	44241.559	9.397	94.0	1.021	5283		0.96
6	I23890	IA537STD-25	26-Jul-22	01:19:18	5.313	43156.480	127509.094	27.187	108.7	1.182	8807		1.00
7	I23891	IA537STD-50	26-Jul-22	01:35:51	5.309	43175.742	226565.969	48.286	96.6	1.050	14486		0.92
8	I23892	IA537STD-100	26-Jul-22	01:52:25	5.307	41349.379	448541.219	99.817	99.8	1.085	52009		0.90
9	I23893	IA537STD-250	26-Jul-22	02:08:59	5.309	37080.074	1011504.688	251.013	100.4	1.091	87416		0.81

Compound name: PFMBA
Coefficient of Determination: R^2 = 0.999178
Calibration curve: 1.08675 * x
Response type: Internal Std (Ref 5), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



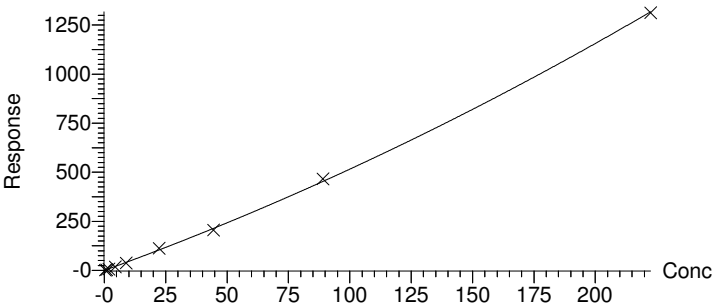
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: PFEESA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	5.961	17812.373	3114.773	0.365	82.1	3.725	49108	2035	1.04
2	I23886	IA537STD-1	26-Jul-22	00:13:04	5.956	16444.639	6314.791	0.801	90.0	4.090	1113	163	1.02
3	I23887	IA537STD-2	26-Jul-22	00:29:36	5.950	17290.350	12963.031	1.563	87.8	3.993	1314	35	1.00
4	I23888	IA537STD-5	26-Jul-22	00:46:09	5.949	17879.152	33043.934	3.841	86.3	3.937	4817	28561	1.04
5	I23889	IA537STD-10	26-Jul-22	01:02:44	5.947	17063.047	66961.828	8.109	91.1	4.180	5809	734	1.00
6	I23890	IA537STD-25	26-Jul-22	01:19:18	5.943	16768.635	198024.313	23.890	107.4	5.032	15196	675	1.05
7	I23891	IA537STD-50	26-Jul-22	01:35:51	5.940	16033.732	347330.250	42.752	96.1	4.615	15454	1462	0.99
8	I23892	IA537STD-100	26-Jul-22	01:52:25	5.936	14034.834	690557.125	91.354	102.6	5.241	40433	4546	1.03
9	I23893	IA537STD-250	26-Jul-22	02:08:59	5.936	11262.957	1560485.375	221.934	99.7	5.903	60293	5486	1.00

Compound name: PFEESA
Coefficient of Determination: R^2 = 0.999056
Calibration curve: 0.00622104 * x^2 + 4.53756 * x
Response type: Internal Std (Ref 18), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



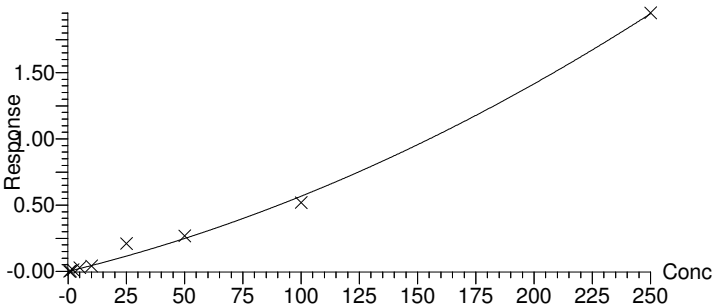
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: NFDHA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	6.221	52197.773	2.510	0.113	22.5	0.001	65		1.10
2	I23886	IA537STD-1	26-Jul-22	00:13:04	6.211	52258.227	10.703	0.479	47.9	0.002	226		1.07
3	I23887	IA537STD-2	26-Jul-22	00:29:36	6.200	53181.832	70.650	3.079	154.0	0.007	24		1.56
4	I23888	IA537STD-5	26-Jul-22	00:46:09	6.220	54538.777	159.551	6.702	134.0	0.006	3	88	0.88
5	I23889	IA537STD-10	26-Jul-22	01:02:44	6.200	54758.895	226.354	9.388	93.9	0.004	48	105	0.91
6	I23890	IA537STD-25	26-Jul-22	01:19:18	6.197	53658.059	1129.225	43.149	172.6	0.008	10	141	1.11
7	I23891	IA537STD-50	26-Jul-22	01:35:51	6.194	53073.242	1426.451	53.510	107.0	0.005	160	7	1.15
8	I23892	IA537STD-100	26-Jul-22	01:52:25	6.188	49551.262	2568.459	92.945	92.9	0.005	83	24	1.32
9	I23893	IA537STD-250	26-Jul-22	02:08:59	6.192	43648.773	8520.067	250.542	100.2	0.008	394	2541	1.08

Compound name: NFDHA
Coefficient of Determination: R^2 = 0.996230
Calibration curve: 1.40489e-005 * x^2 + 0.0042711 * x
Response type: Internal Std (Ref 11), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: Null, Axis trans: None



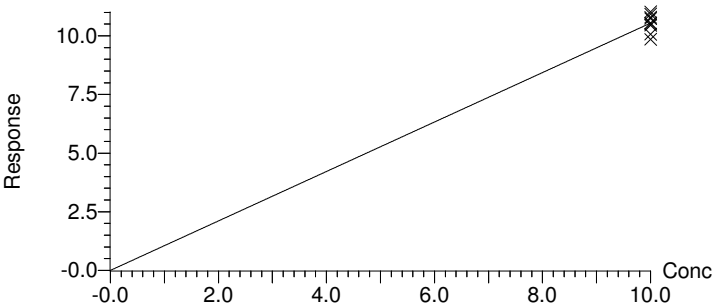
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: M3PFPeA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	4.684	36496.156	39888.270	10.365	103.6	1.093	3120		1.01
2	I23886	IA537STD-1	26-Jul-22	00:13:04	4.678	36314.910	40035.195	10.455	104.6	1.102	6963		0.96
3	I23887	IA537STD-2	26-Jul-22	00:29:36	4.666	37639.910	40602.180	10.230	102.3	1.079	6276		0.95
4	I23888	IA537STD-5	26-Jul-22	00:46:09	4.668	38022.160	40829.379	10.184	101.8	1.074	7113		0.93
5	I23889	IA537STD-10	26-Jul-22	01:02:44	4.664	38377.563	40497.156	10.007	100.1	1.055	3582		0.96
6	I23890	IA537STD-25	26-Jul-22	01:19:18	4.662	38125.230	39829.141	9.907	99.1	1.045	10052		0.99
7	I23891	IA537STD-50	26-Jul-22	01:35:51	4.661	38402.359	40329.906	9.960	99.6	1.050	8209		0.93
8	I23892	IA537STD-100	26-Jul-22	01:52:25	4.657	37627.410	37878.496	9.547	95.5	1.007	6404		0.91
9	I23893	IA537STD-250	26-Jul-22	02:08:59	4.659	35274.023	34759.074	9.345	93.5	0.985	3534		0.83

Compound name: M3PFPeA
Response Factor: 1.05446
RRF SD: 0.0385897, % Relative SD: 3.65968
Response type: Internal Std (Ref 2), Area * (IS Conc. / IS Area)
Curve type: RF



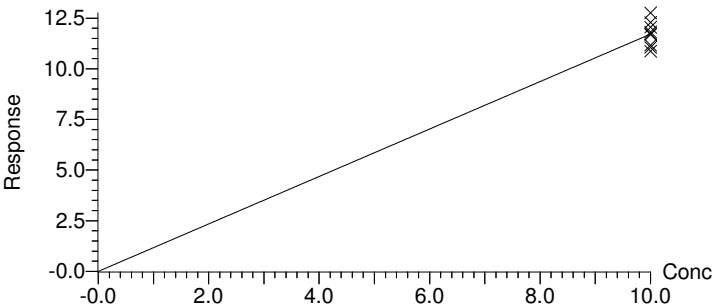
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: M2PFHxA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	ng/mL	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	6.433	42590.730	49790.383	9.982	99.8	1.169	2775		1.12
2	I23886	IA537STD-1	26-Jul-22	00:13:04	6.429	39789.082	50776.555	10.896	109.0	1.276	3708		1.06
3	I23887	IA537STD-2	26-Jul-22	00:29:36	6.425	41422.008	50882.684	10.488	104.9	1.228	1778		1.03
4	I23888	IA537STD-5	26-Jul-22	00:46:09	6.420	43420.129	51297.770	10.087	100.9	1.181	943		1.11
5	I23889	IA537STD-10	26-Jul-22	01:02:44	6.419	41458.664	49935.004	10.284	102.8	1.204	3315		1.09
6	I23890	IA537STD-25	26-Jul-22	01:19:18	6.419	44683.723	49420.047	9.443	94.4	1.106	3370		1.08
7	I23891	IA537STD-50	26-Jul-22	01:35:51	6.410	44823.180	48675.270	9.272	92.7	1.086	1144		1.07
8	I23892	IA537STD-100	26-Jul-22	01:52:25	6.413	41830.828	46738.980	9.540	95.4	1.117	5455		1.05
9	I23893	IA537STD-250	26-Jul-22	02:08:59	6.404	35450.852	41549.102	10.007	100.1	1.172	2464		1.09

Compound name: M2PFHxA
Response Factor: 1.17119
RRF SD: 0.0611583, % Relative SD: 5.22187
Response type: Internal Std (Ref 23), Area * (IS Conc. / IS Area)
Curve type: RF



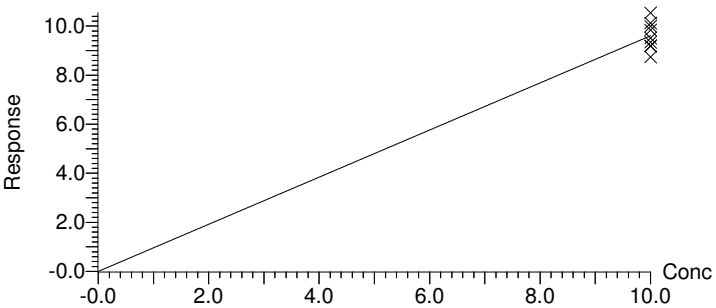
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:34:58 Eastern Daylight Time

Compound name: M4PFOA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	I23885	IA537STD-.5	25-Jul-22	23:54:30	8.610	42590.730	40480.598	9.896	99.0	0.950	2219		1.11
2	I23886	IA537STD-1	26-Jul-22	00:13:04	8.601	39789.082	41938.551	10.974	109.7	1.054	91		1.10
3	I23887	IA537STD-2	26-Jul-22	00:29:36	8.602	41422.008	40742.973	10.241	102.4	0.984	3279		1.11
4	I23888	IA537STD-5	26-Jul-22	00:46:09	8.601	43420.129	43379.453	10.402	104.0	0.999	2020		1.12
5	I23889	IA537STD-10	26-Jul-22	01:02:44	8.594	41458.664	41970.285	10.540	105.4	1.012	856296		1.16
6	I23890	IA537STD-25	26-Jul-22	01:19:18	8.598	44683.723	41713.367	9.719	97.2	0.934	1613		1.06
7	I23891	IA537STD-50	26-Jul-22	01:35:51	8.594	44823.180	41202.566	9.570	95.7	0.919	1424		1.03
8	I23892	IA537STD-100	26-Jul-22	01:52:25	8.594	41830.828	38415.855	9.561	95.6	0.918	829		1.08
9	I23893	IA537STD-250	26-Jul-22	02:08:59	8.589	35450.852	30975.795	9.097	91.0	0.874	977		1.21

Compound name: M4PFOA
Response Factor: 0.960485
RRF SD: 0.0562196, % Relative SD: 5.85325
Response type: Internal Std (Ref 23), Area * (IS Conc. / IS Area)
Curve type: RF



all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\MethDB\537ISO_Q_220725.mdb 26 Jul 2022 09:31:55
Calibration: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\CurveDB\220725_ICAL.cdb 26 Jul 2022 09:37:13

ID: IA537STD-.5
Name: I23885
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:RS
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.10	213.032 > 169.022	1716		0.434		na	86.9
2	M3PFBA	INT STD	2.12	216.009 > 171.999	36496		9.768		na	97.7
3	MPFBA	INT STD	2.12	217.001 > 171.999	41665		10.054		na	100.5
4	PFPeA	2706-90-3	4.69	263.039 > 219.03	1852		0.428		na	85.6
5	M5PFPEA	INT STD	4.68	268.001 > 222.999	41795		10.242		na	102.4
6	PFBS	375-73-5	5.27	299.092 > 80.062	709		0.378	2.20	NO	85.3
7	M3PFBS	INT STD	5.27	302.069 > 80.062	15842		9.291		na	99.7
8	4:2FTS	757124-72-4	6.36	327.146 > 307.139	95		0.369	1.14	NO	78.8
9	M2-4:2FTS	INT STD	6.36	329.13 > 309.124	2758		8.080		na	86.1
10	PFHxA	307-24-4	6.44	313.047 > 269.037	2446	m7	0.457	12.35	NO	91.3
11	M5PFHxA	INT STD	6.43	318.009 > 273.007	52198		9.848		na	98.5
12	PFPeS	2706-91-4	6.74	349.1 > 80.062	793		0.428	1.98	NO	90.9
13	PFHpA	375-85-9	7.68	363.055 > 319.045	2009		0.441	4.49	NO	88.2
14	M4PFHpA	INT STD	7.67	367.025 > 322.022	43787		9.858		na	98.6
15	br-PFHxS	355-46-4	7.61	399.107 > 80.062	116	m5,m7	0.075	2.44	NO	78.9
16	L-PFHxS	355-46-4	7.84	399.107 > 80.062	620	m7	0.361	1.76	NO	88.9
17	PFHxS	355-46-4		399.107 > 80.062	736		0.435		na	
18	M3PFHxS	INT STD	7.84	402.084 > 80.062	17812		10.031		na	105.8
19	br-PFOA	335-67-1		413.063 > 369.053			ND		YES	
20	L-PFOA	335-67-1	8.61	413.063 > 369.053	2507		0.540	14.61	YES	108.1
21	PFOA	335-67-1		413.063 > 369.053	2507		0.540		na	
22	M8PFOA	INT STD	8.61	421.002 > 376.	40625		9.841		na	98.4
23	M2PFOA	INT STD	8.61	415.048 > 370.045	42591		10.209		na	102.1
24	6:2FTS	27619-97-2	8.57	427.161 > 407.155	111	m7	0.387	1.57	NO	81.5
25	M2-6:2FTS	INT STD	8.57	429.146 > 409.14	3312		8.133		na	85.5
26	PFHpS	375-92-8	8.70	449.115 > 80.062	762		0.400	1.84	NO	84.0
27	PFNA	375-95-1	9.38	463.071 > 419.061	1783		0.420	5.67	YES	83.9
28	M9PFNA	INT STD	9.37	472.002 > 427.	36571		9.483		na	94.8
29	br-PFOS	1763-23-1	9.24	499.123 > 80.062	179	m5,m7	0.088	6.28	YES	83.5
30	L-PFOS	1763-23-1	9.43	499.123 > 80.062	585		0.367	1.83	NO	93.0
31	PFOS	1763-23-1		499.123 > 80.062	765		0.455		na	
32	M4PFOS	INT STD	9.43	503.093 > 80.062	16714		10.501		na	105.0
33	M8PFOS	INT STD	9.43	507.062 > 80.062	16946		9.890		na	103.1
34	PFDA	335-76-2	10.01	513.078 > 469.069	1125		0.409	8.52	YES	81.9
35	M2PFDA	INT STD	10.01	515.063 > 470.061	31769		10.360		na	103.6
36	M6PFDA	INT STD	10.01	519.033 > 474.03	26648		9.718		na	97.2
37	8:2FTS	39108-34-4	10.00	527.177 > 507.171	84		0.430	1.75	NO	89.6
38	M2-8:2FTS	INT STD	10.00	529.162 > 509.155	2924		9.910		na	103.2
39	PFNS	68259-12-1	10.05	549.131 > 80.062	526		0.317	3.10	NO	65.9

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

ID: IA537STD-.5
Name: I23885
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:RS
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.42	573.22 > 419.061	5797		9.045		na	90.4
41	br-NMeFOSAA	2355-31-9	10.26	570.202 > 419.061	7	m5,m7	0.048	0.59	NO	39.9
42	L-NMeFOSAA	2355-31-9	10.42	570.202 > 419.061	117		0.308	1.46	NO	81.1
43	NMeFOSAA	2355-31-9		570.202 > 419.061	124		0.356		na	
44	PFUnA	2058-94-8	10.56	563.086 > 519.076	1496		0.485	23.16	YES	97.1
45	M7-PFUDA	INT STD	10.56	570.033 > 525.031	30111		10.877		na	108.8
46	PFDS	335-77-3	10.58	598.926 > 80.062	470		0.370	4.01	YES	76.7
47	FOSA	754-91-6	10.57	498.146 > 78.07	1956		0.458		YES	91.6
48	M8FOSA	INT STD	10.56	506.077 > 78.07	44536		10.154		na	101.5
49	d5-NEtFOSAA	INT STD	10.72	589.259 > 419.061	5958		9.060		na	90.6
50	br-NEtFOSAA	2991-50-6	10.58	584.229 > 419.061	5	m5,m7	0.032	0.39	NO	28.6
51	L-NEtFOSAA	2991-50-6	10.73	584.229 > 419.061	116		0.301	1.17	NO	77.7
52	NEtFOSAA	2991-50-6		584.229 > 419.061	121		0.333		na	
53	PFDoA	307-55-1	11.04	613.094 > 569.084	1345	m7	0.442	14.02	YES	88.3
54	MPFDOA	INT STD	11.04	615.079 > 570.077	31583		9.662		na	96.6
55	PFTrDA	72629-94-8	11.48	663.102 > 619.092	777		0.430	4.79	NO	86.0
56	PFTA	376-06-7	11.85	713.11 > 669.1	728		0.401	6.64	NO	80.2
57	M2PFTEDA	INT STD	11.85	715.094 > 670.092	19477		10.827		na	108.3
58	M3HFPO-DA	INT STD	6.85	287.02 > 169.022	40217		232.425		na	116.2
59	HFPO-DA	13252-13-6	6.85	285.035 > 169.022	951	m7	4.437	38.42	YES	88.7
60	ADONA	958445-44-8	7.85	377.06 > 251.028	2717	m7	0.433	59.26	YES	91.6
61	PFHxDA		12.47	813.122 > 769.116	1360	m7	0.535	17.49	NO	107.1
62	PFODA		12.78	913.411 > 869.131	248	m7	0.429	27.83	NO	85.9
63	M2PFHxDA		12.47	815.102 > 770.108	21095		10.729		na	107.3
64	PFDoS		11.47	699.154 > 80.062	446		0.328	1.63	NO	67.7
65	M2D4-10:2FTS		11.05	633.201 > 612.189	3204		19.962		na	101.8
66	10:2FTS		11.05	627.192 > 607.186	99	m2,m7	0.438	1.82	NO	90.8
67	9CL-PF3ONS		9.79	530.862 > 350.843	1179		0.401	8.50	YES	86.1
68	11CL-PFOUdS		10.84	630.862 > 450.854	634		0.384	2.21	NO	81.5
69	NMeFOSA		11.20	512.163 > 169.022	2285		1.995	2.45	NO	79.8
70	d3-NMeFOSA		11.20	515.183 > 169.022	110709		101.486		na	101.5
71	NEtFOSA		11.52	526.192 > 169.022	2794		1.989	7.39	NO	79.5
72	d5-NEtFOSA		11.51	531.222 > 169.022	129594		104.168		na	104.2
73	NMeFOSE		11.21	616 > 59	1792		1.150		na	92.0
74	d7-NMeFOSE		11.19	623 > 59	90880		97.491		na	97.5
75	NEtFOSE		11.51	630 > 59	1393		1.001		na	80.1
76	d9-NEtFOSE		11.49	639 > 59	70633		100.714		na	100.7
77	PFPrS		3.37	249.084 > 80.062	670	m3,m7	0.392	3.01	NO	85.3
78	PFMPA		3.36	229.032 > 85.005	1420		0.477		na	95.4
79	PFMBA		5.33	279.042 > 85.006	2128		0.468		na	93.7
80	PFEESA		5.96	315.093 > 135.013	3115		0.365	26.10	NO	82.1
81	NFDHA		6.22	295.032 > 201.027	3	m2	0.113		YES	22.5
82	M3PFPeA		4.68	266.017 > 222.007	39888		10.365		na	103.6

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

ID: IA537STD-.5
Name: I23885
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:RS
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
83	M2PFHxA		6.43	315.032 > 270.03	49790		9.982		na	99.8
84	M4PFOA		8.61	417.032 > 372.03	40481		9.896		na	99.0

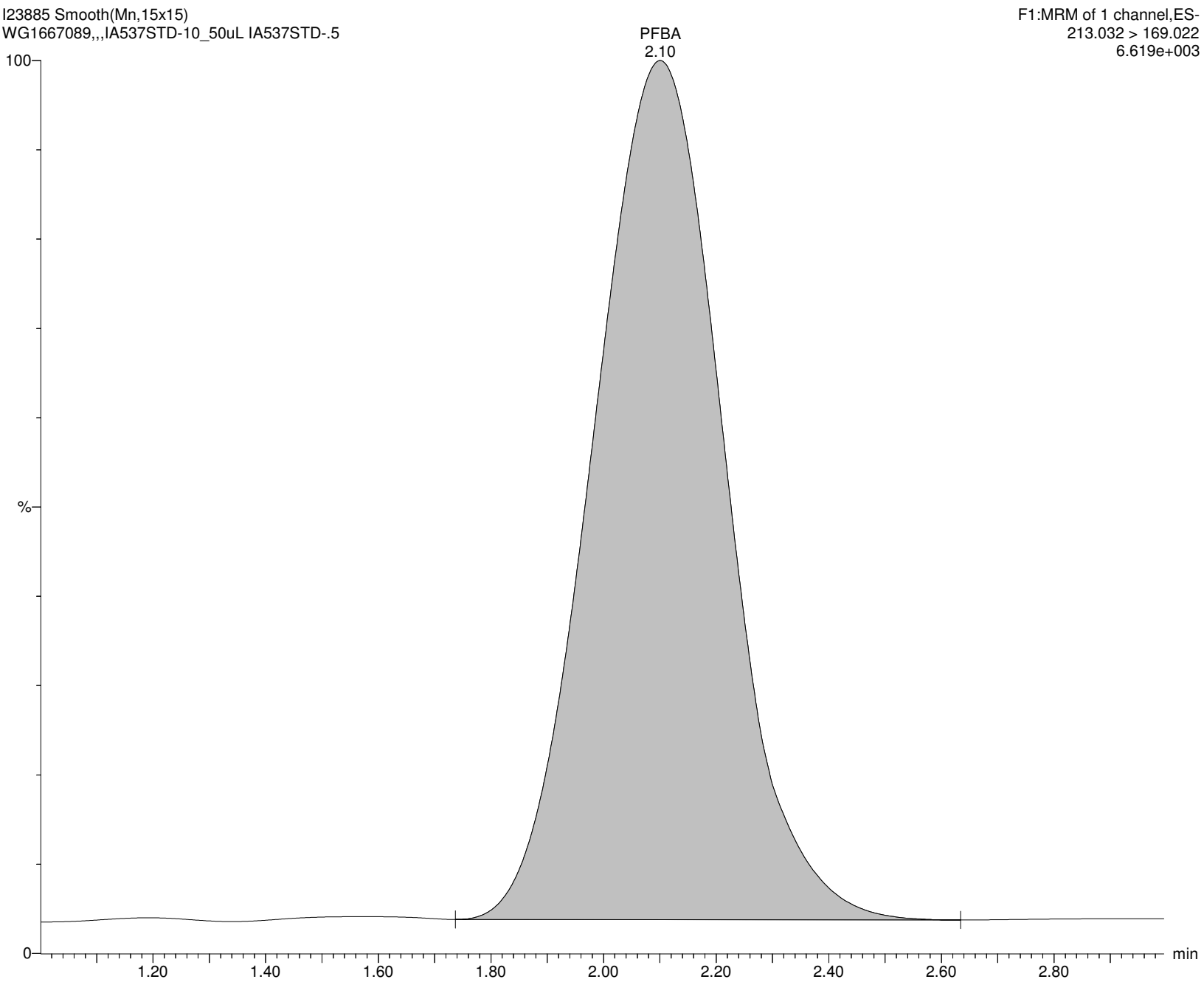
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\MethDB\537ISO_Q_220725.mdb 26 Jul 2022 09:31:55
Calibration: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\CurveDB\220725_ICAL.cdb 26 Jul 2022 09:37:13

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFBA

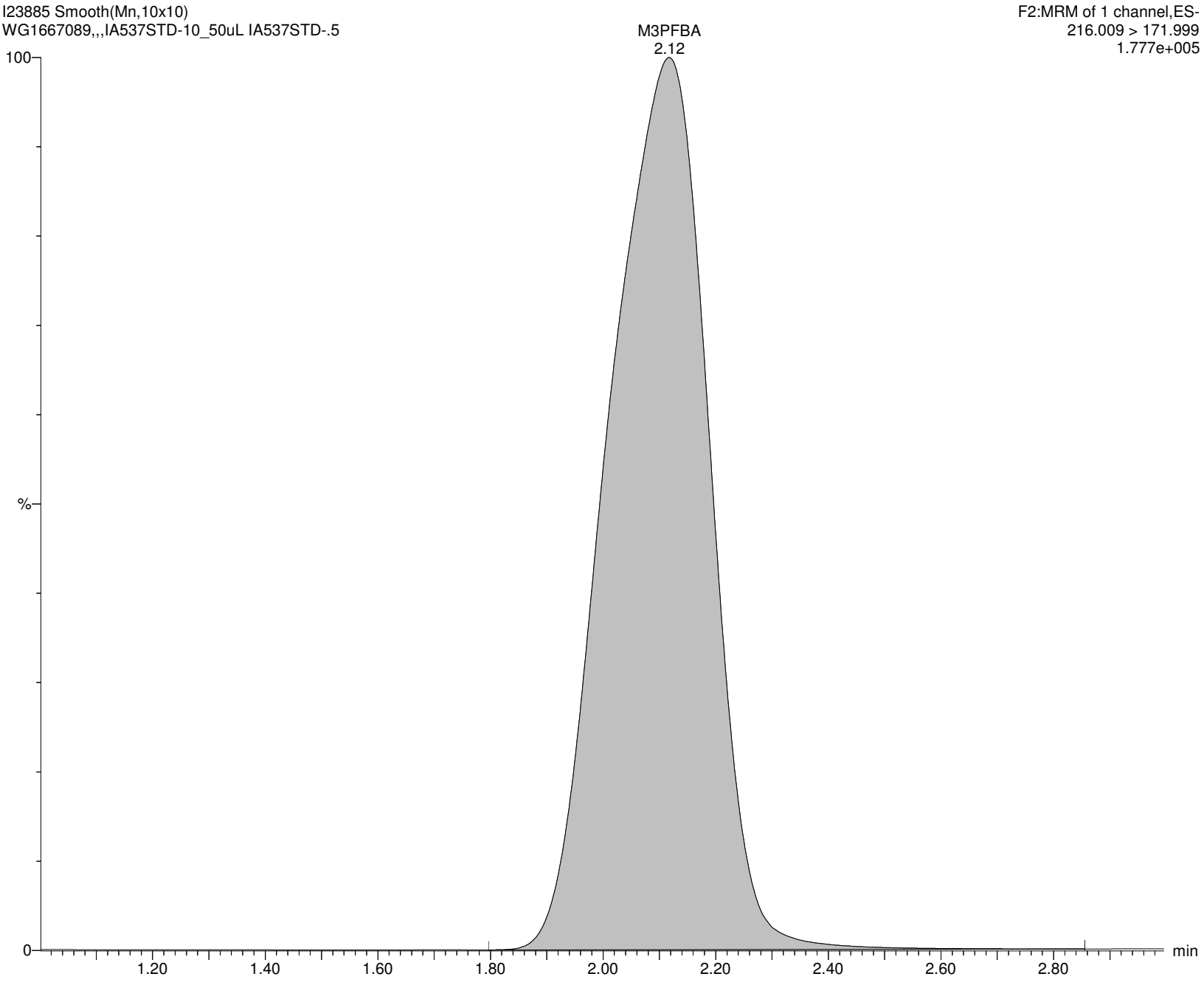


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M3PFBA

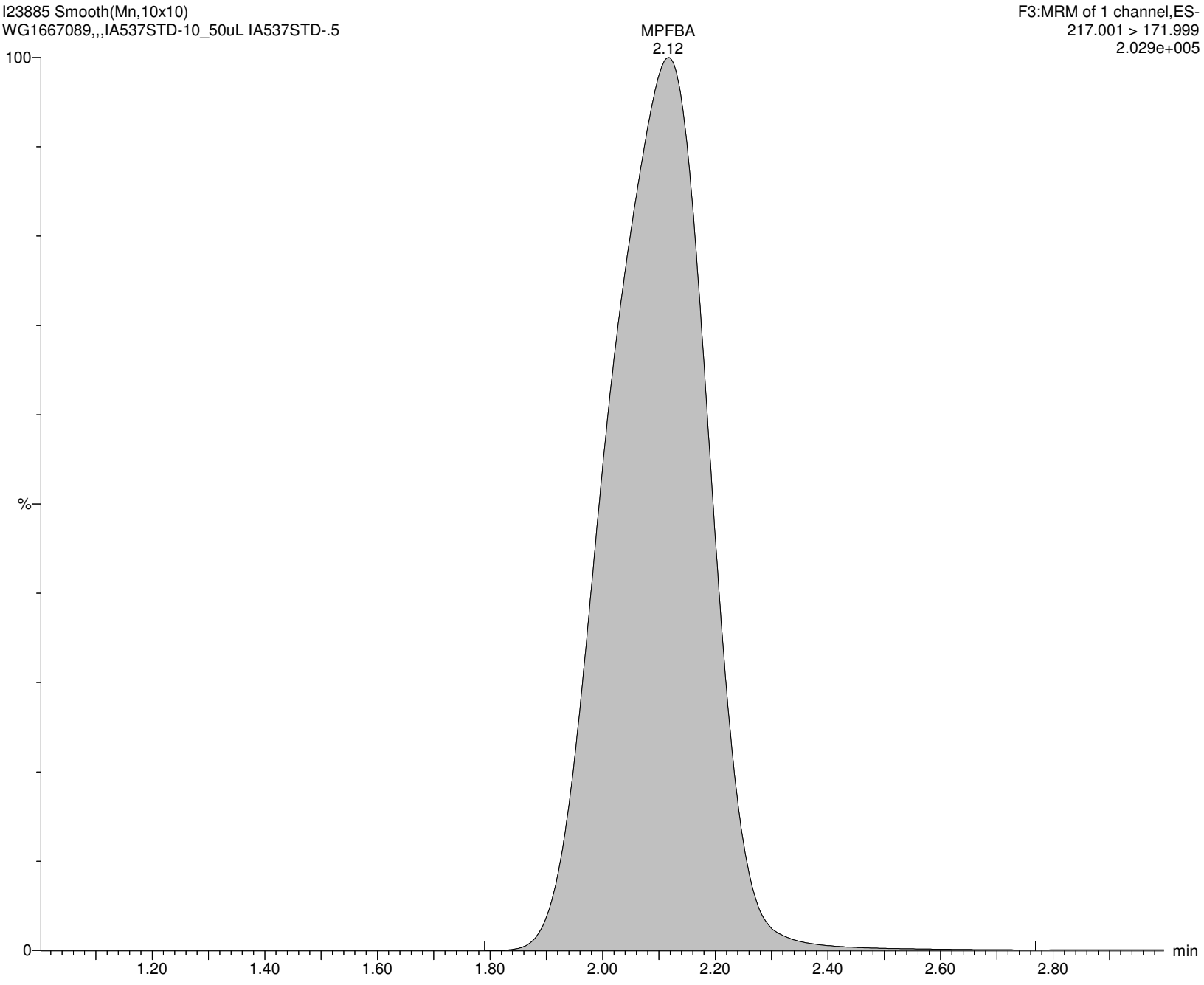


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

MPFBA

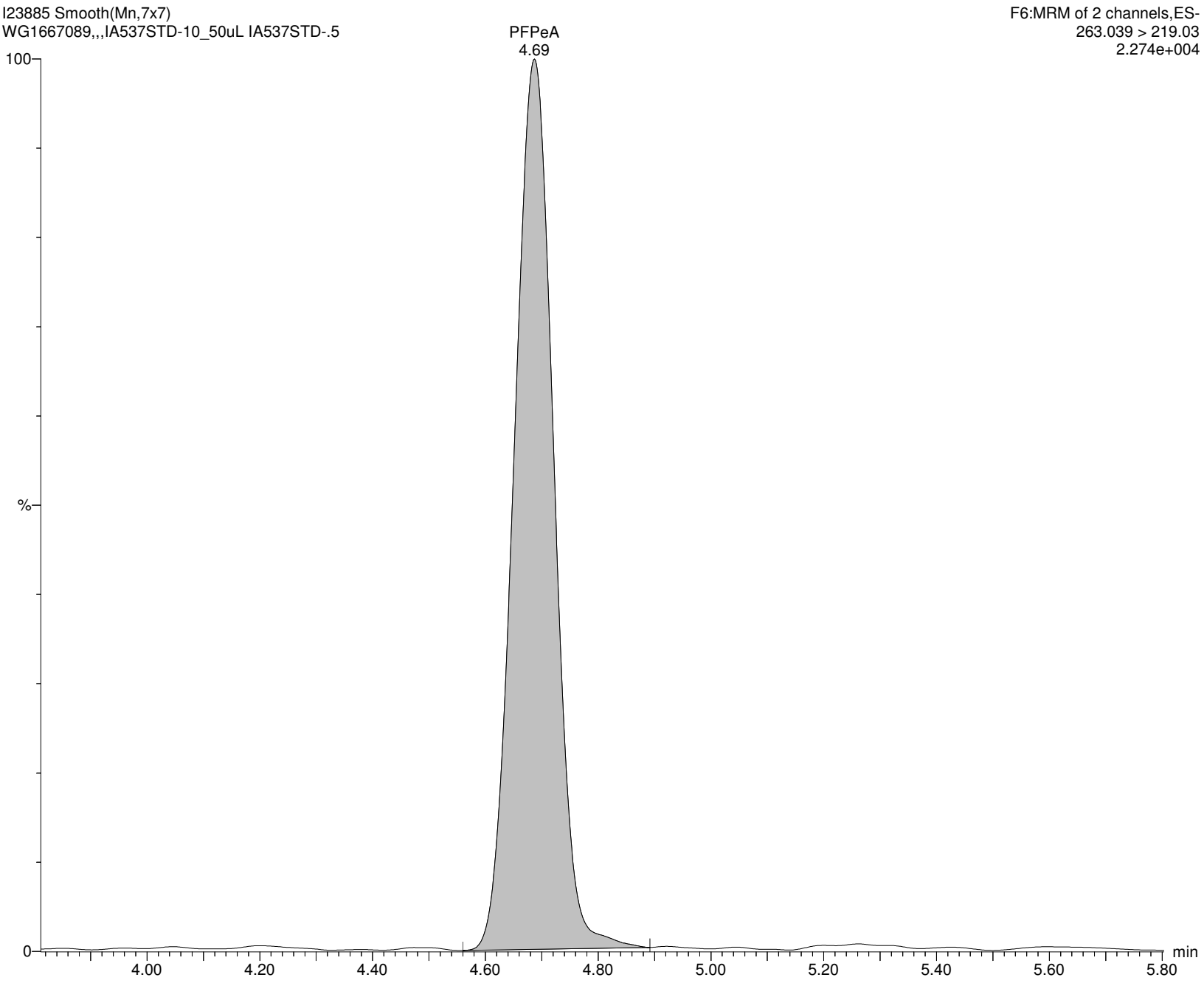


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFPeA

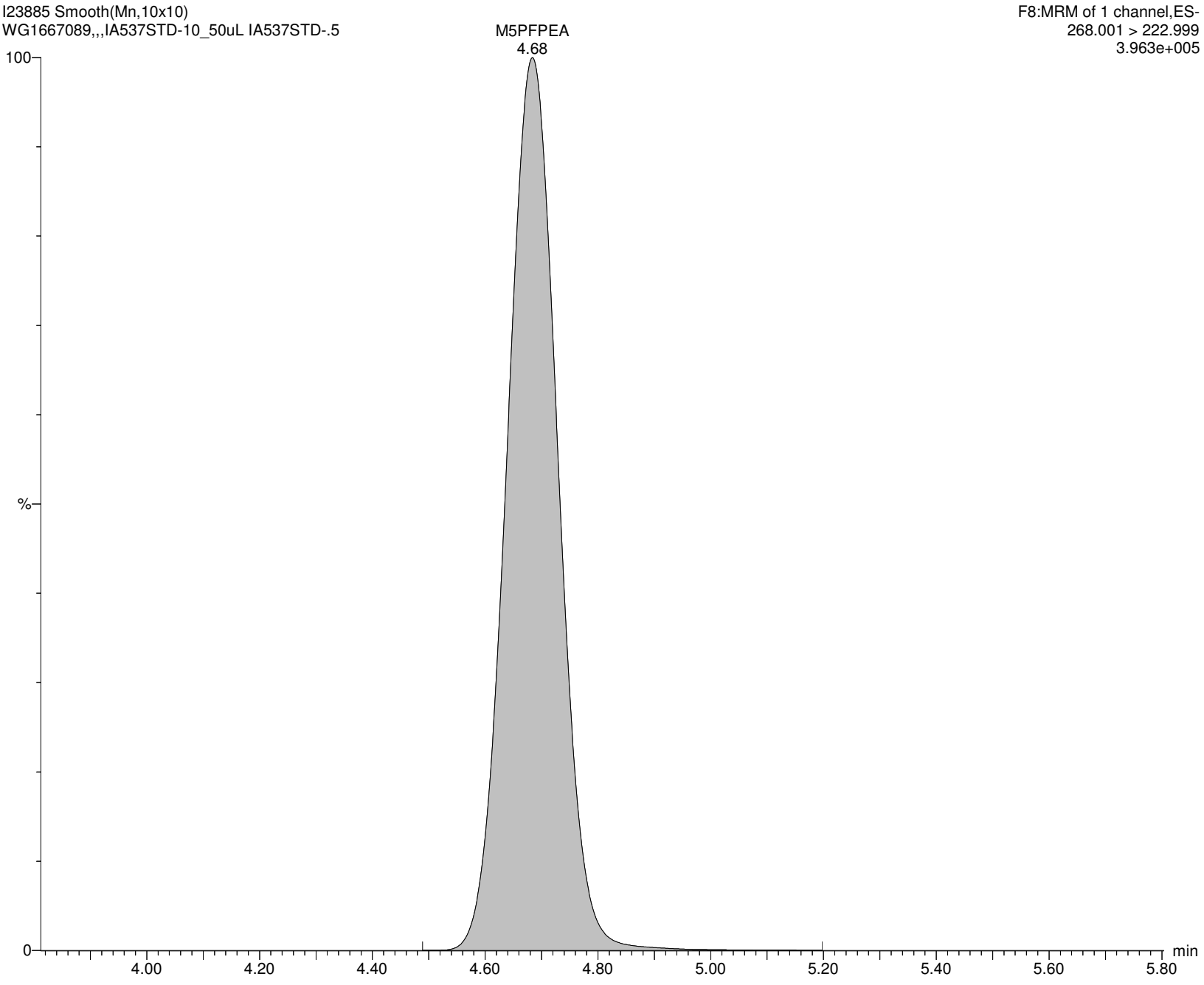


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M5PFPEA

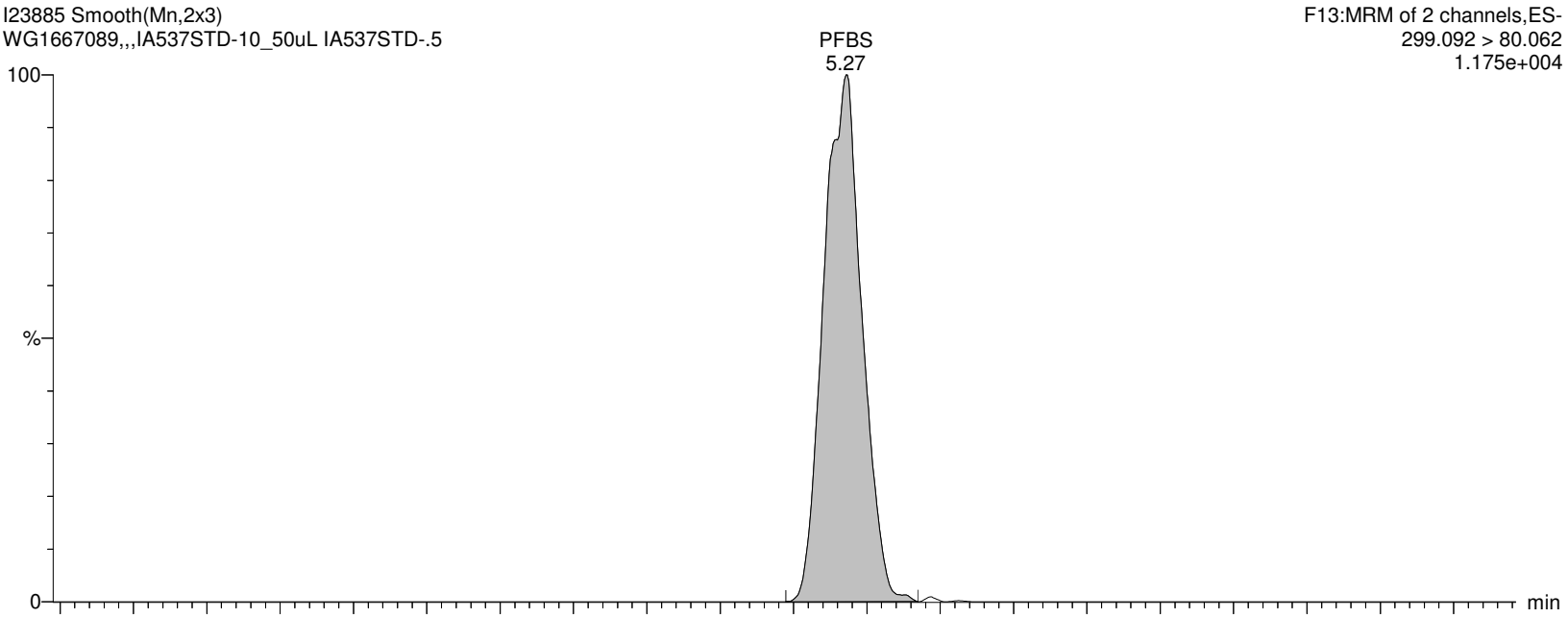


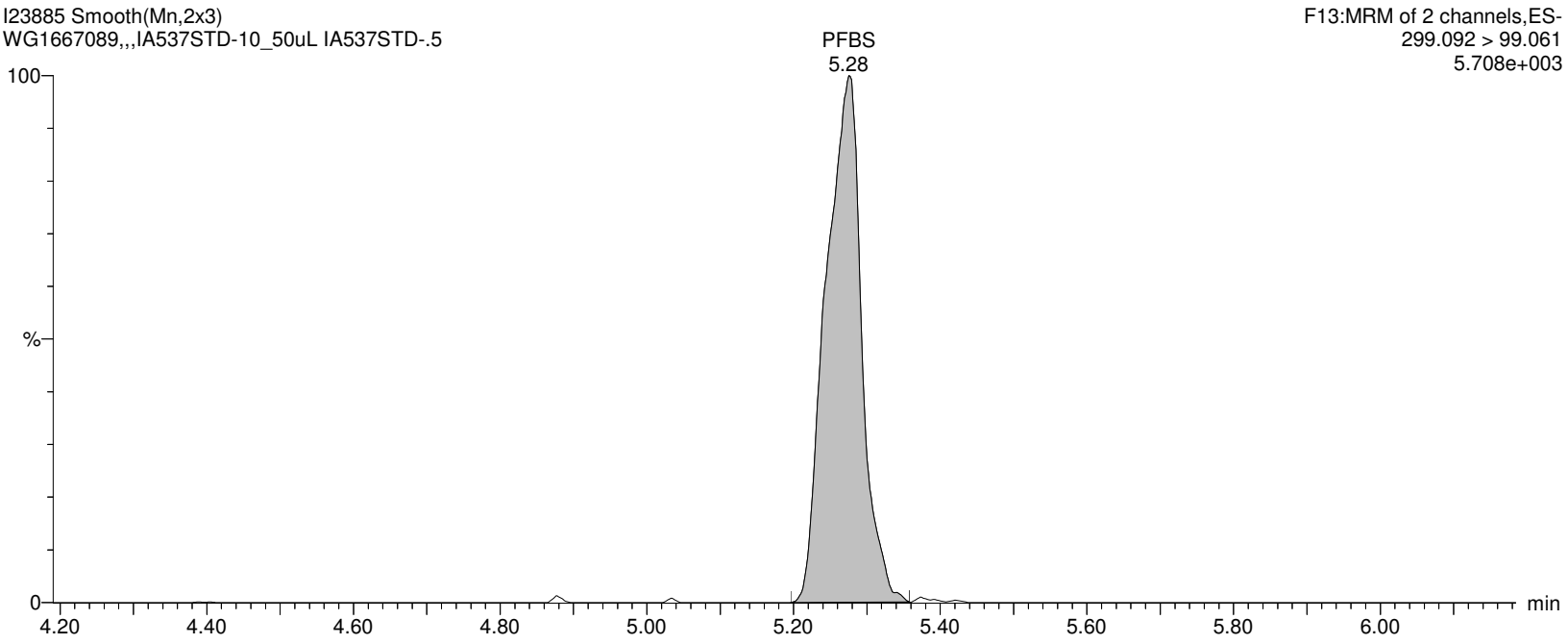
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFBS



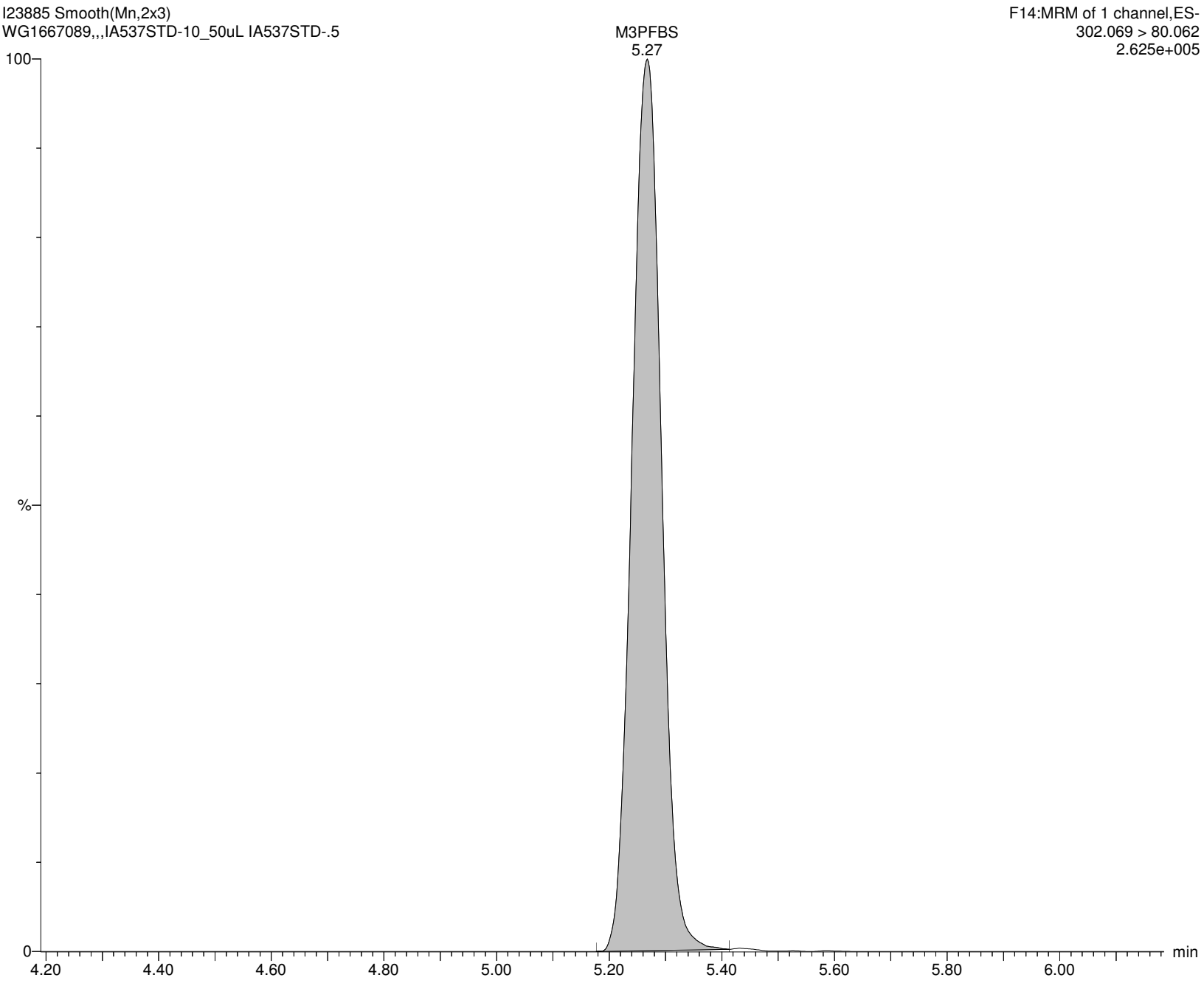


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M3PFBS

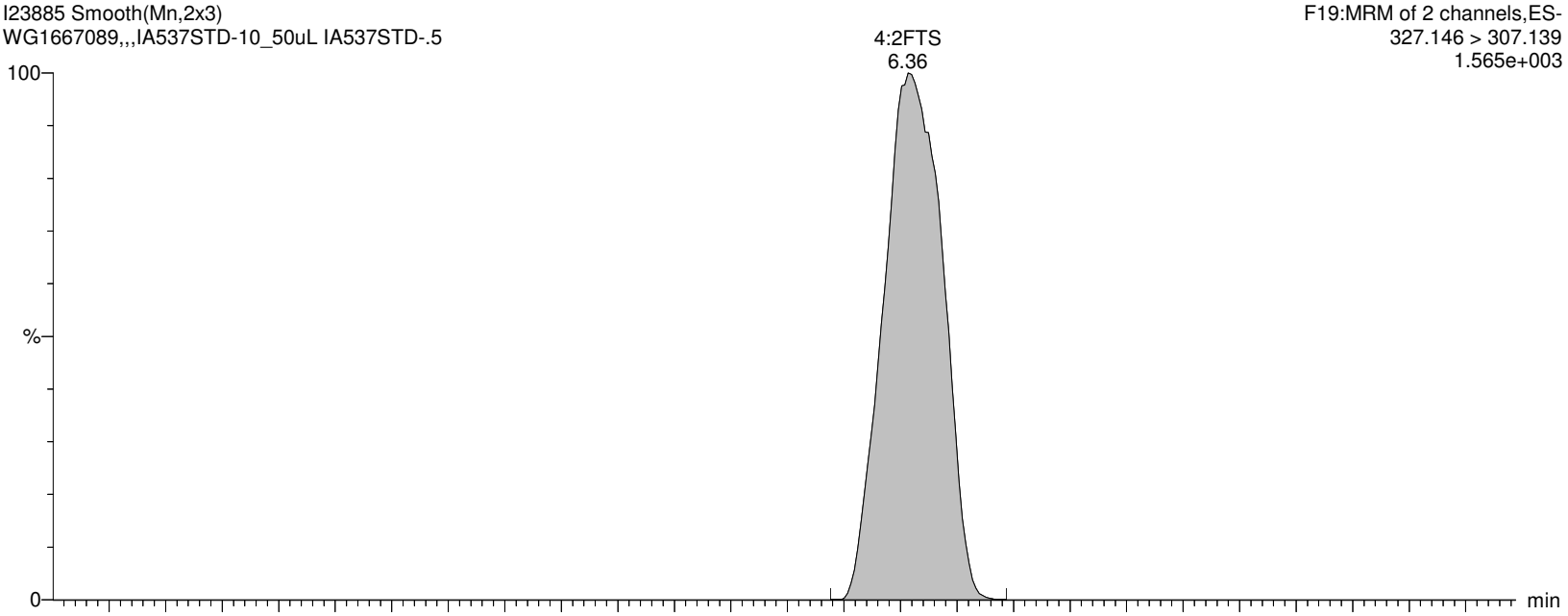


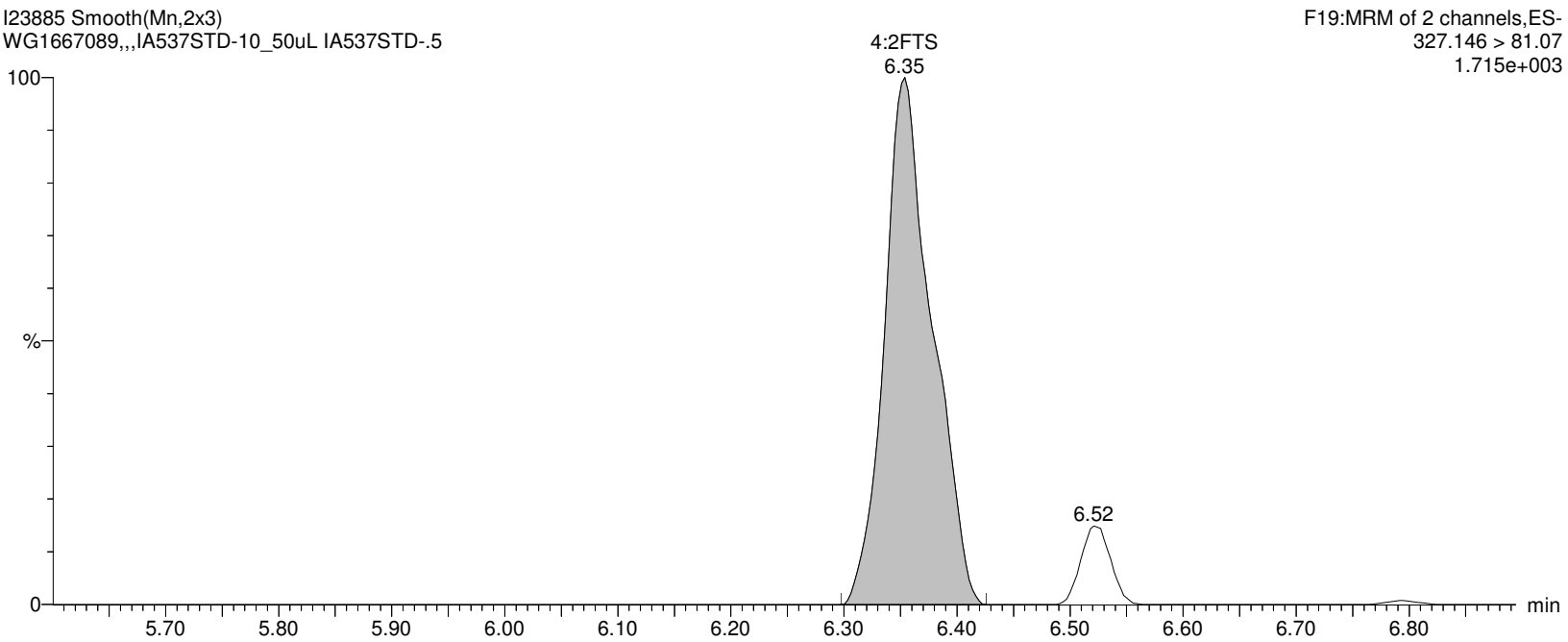
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

4:2FTS



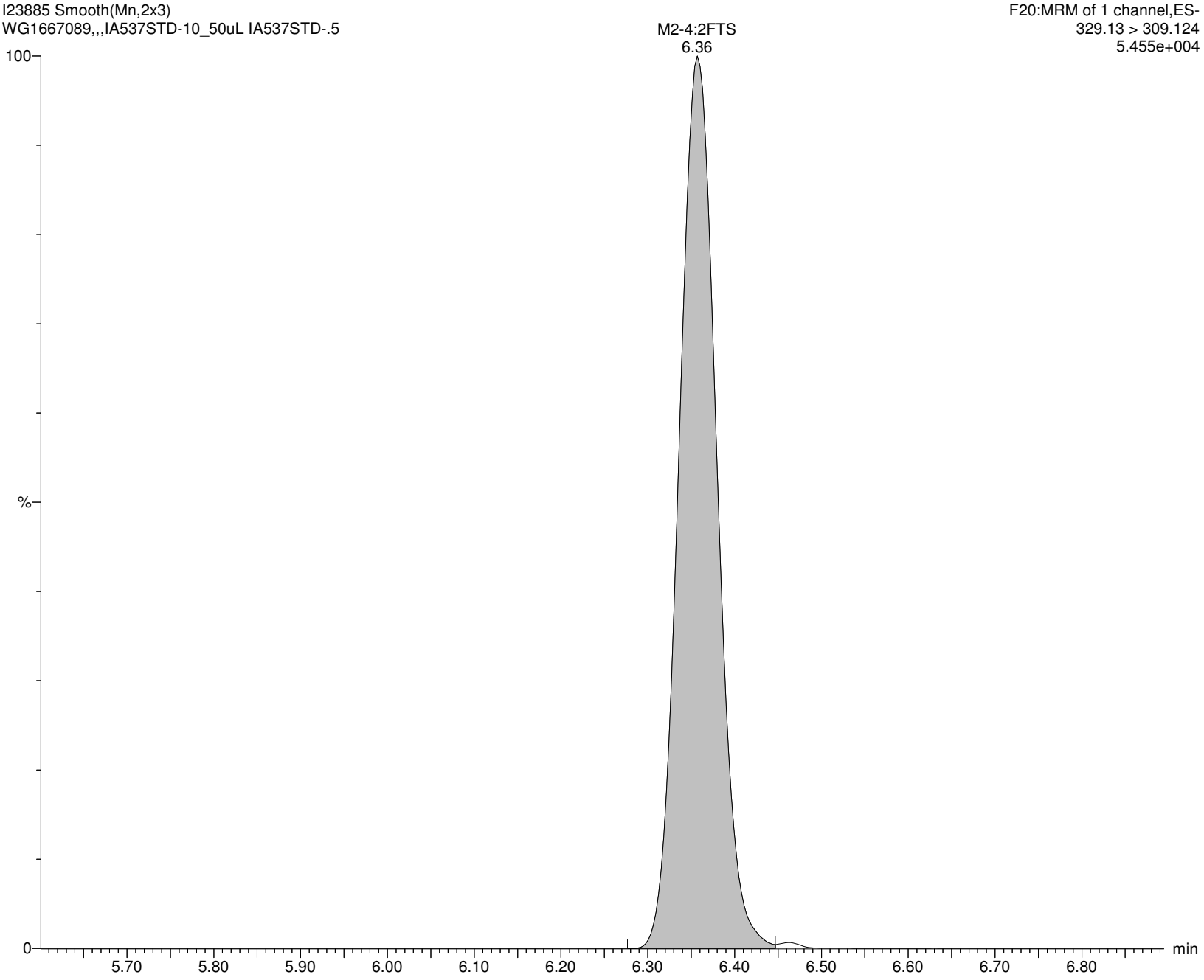


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2-4:2FTS

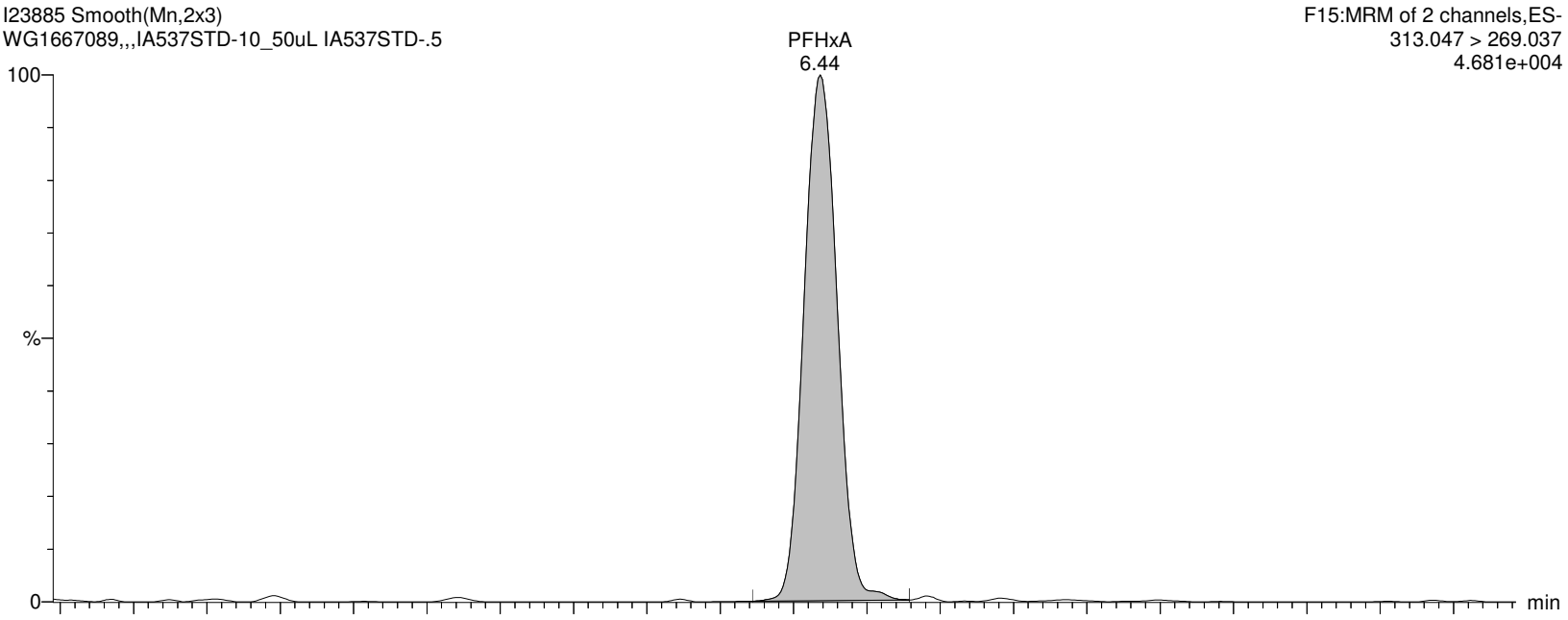


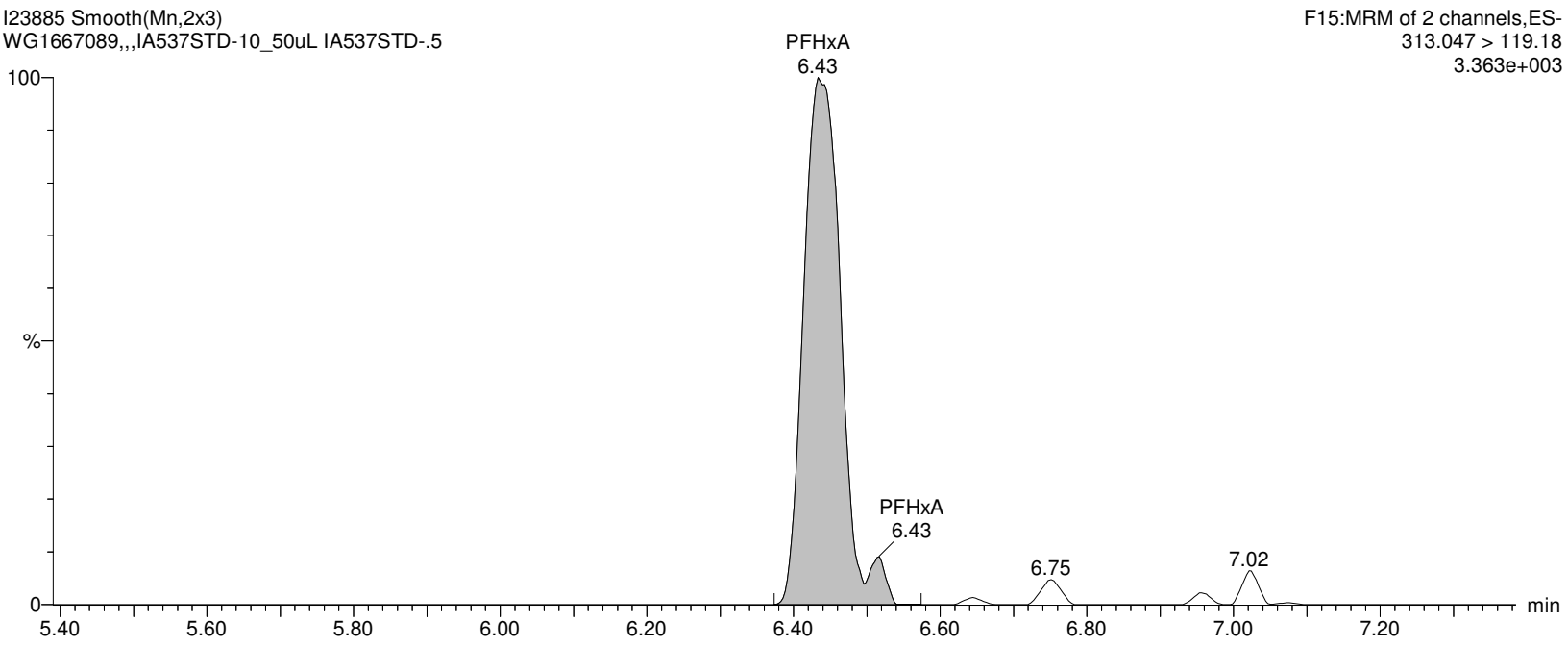
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFHxA



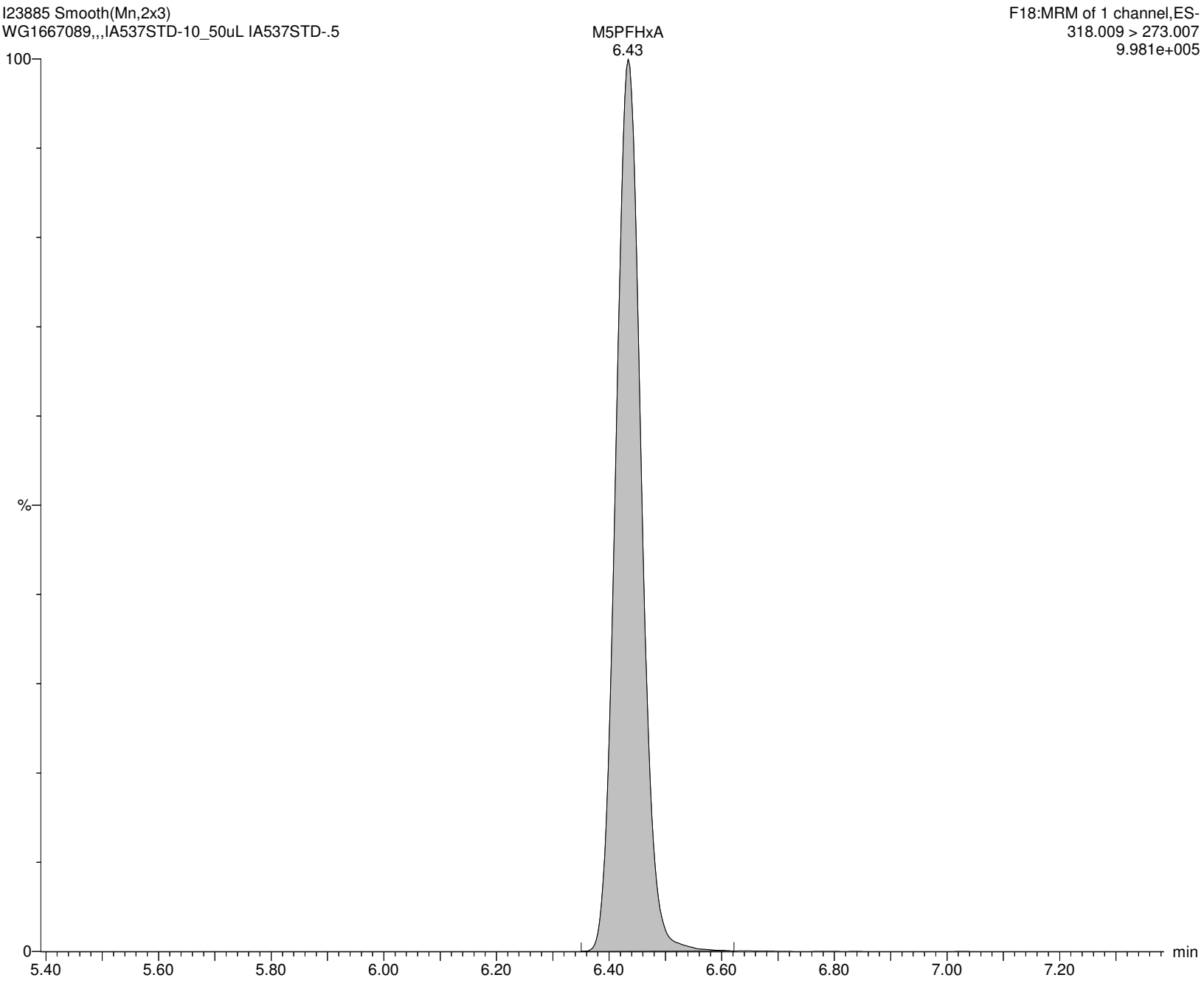


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M5PFHxA

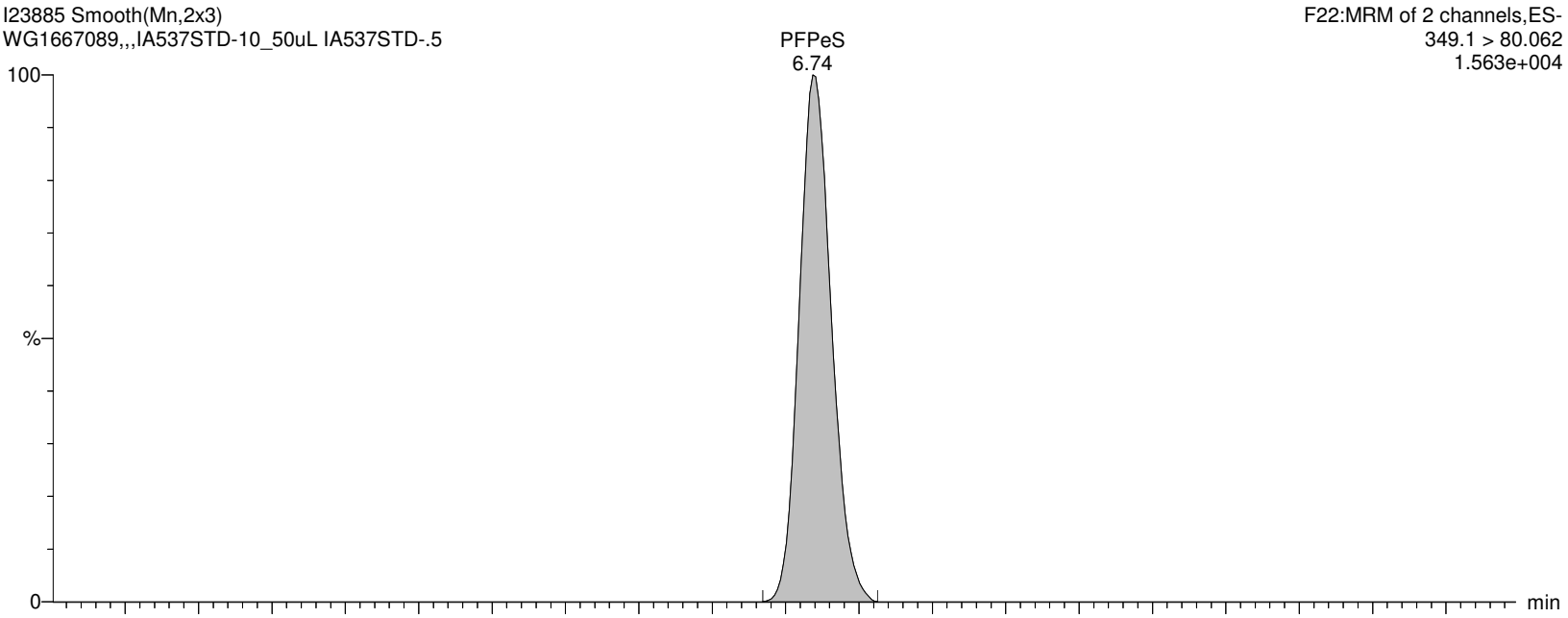


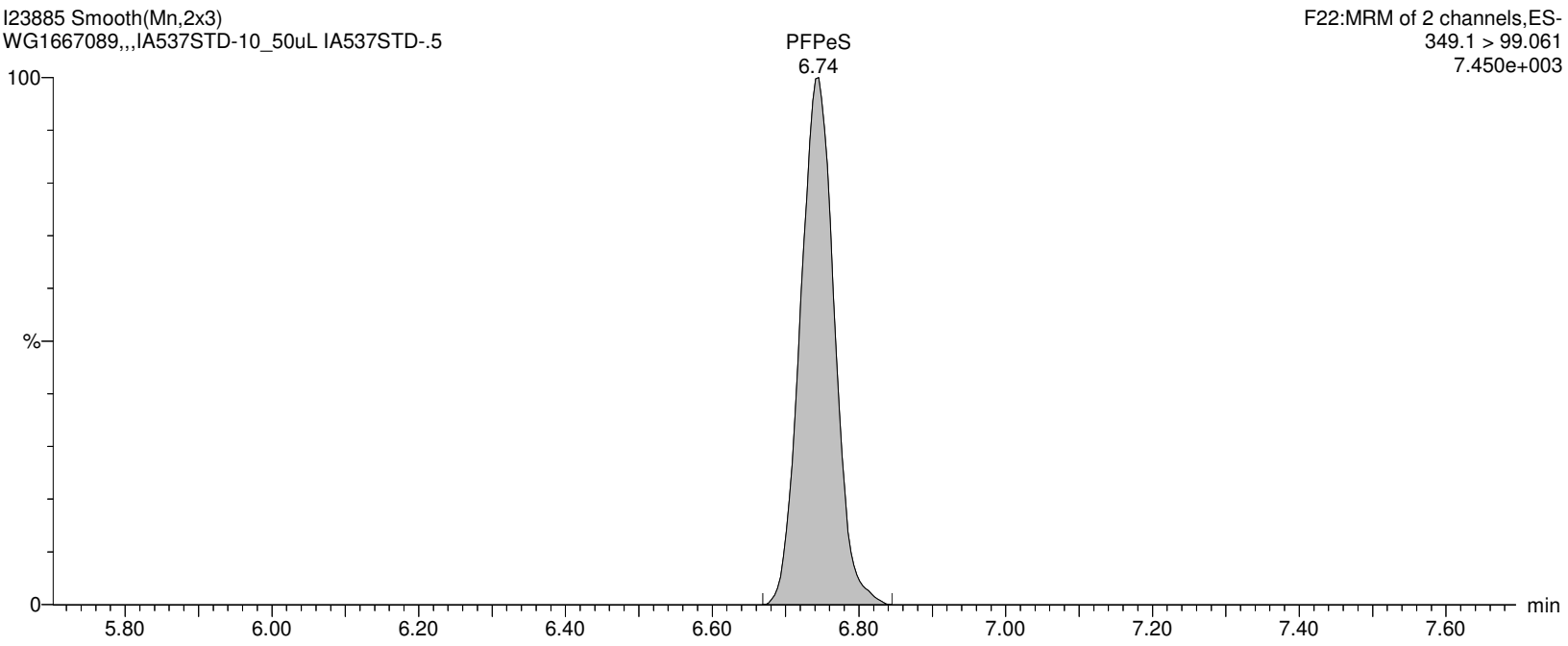
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFPeS



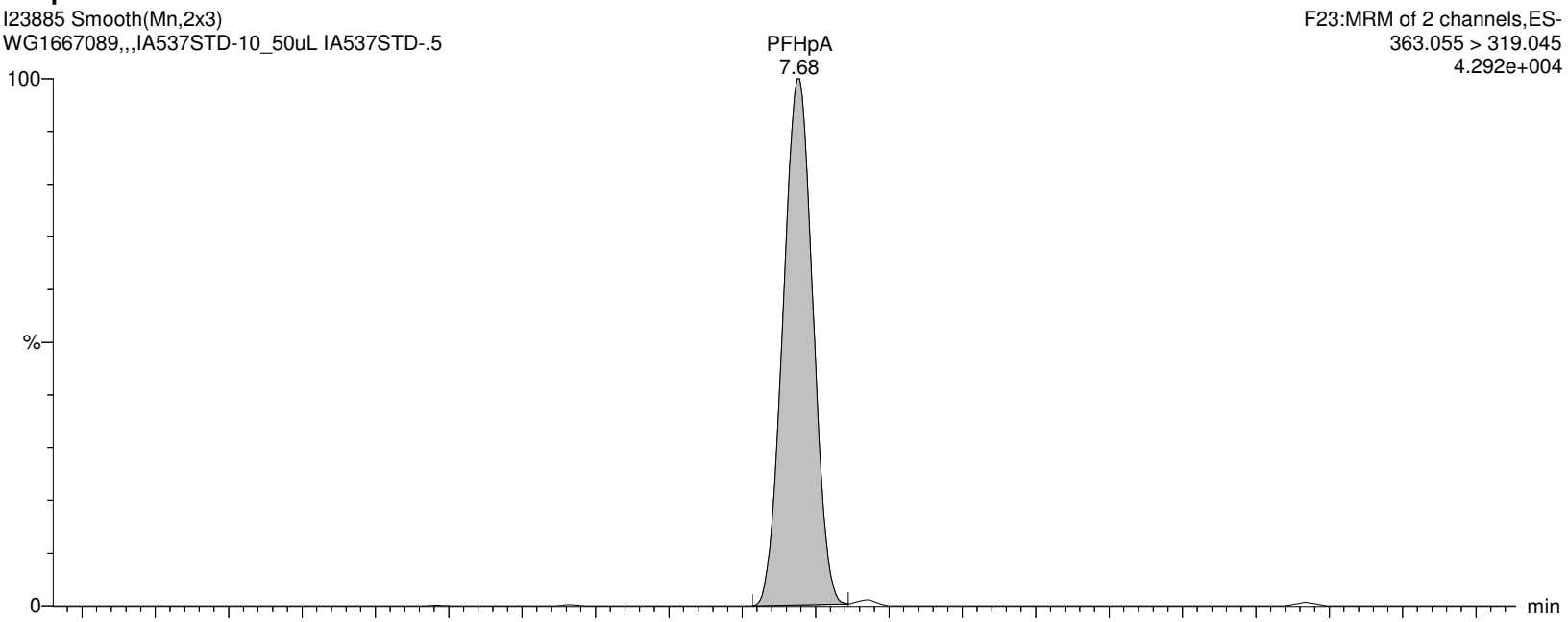


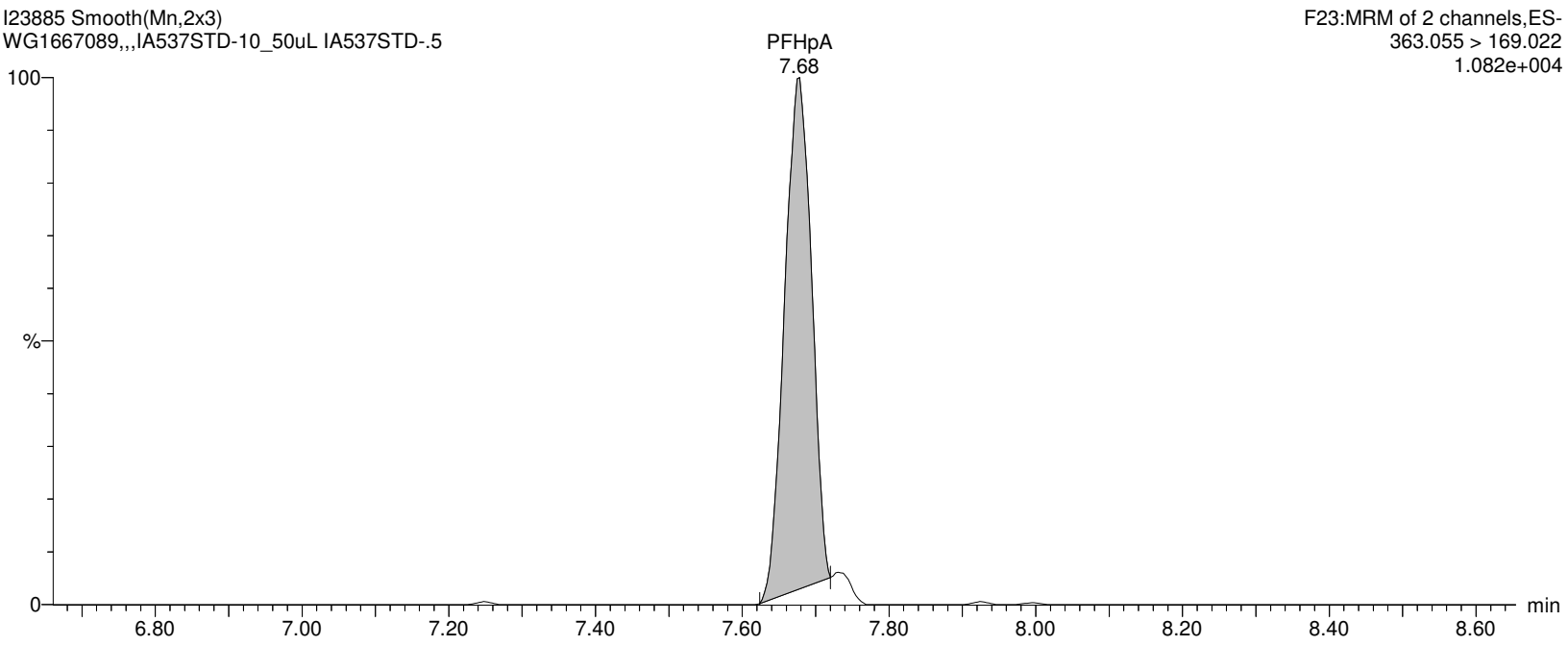
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFHpA



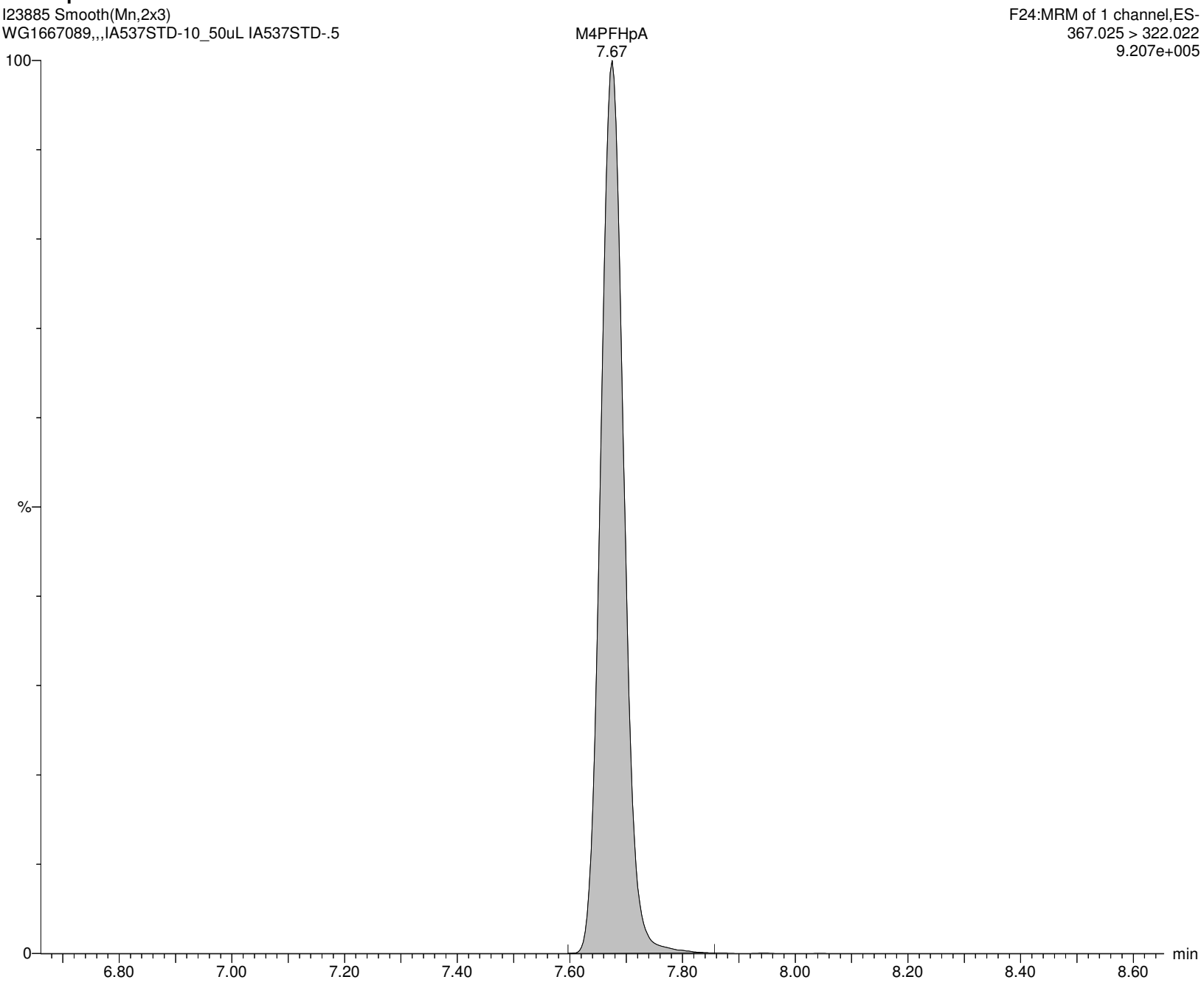


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M4PFHpA

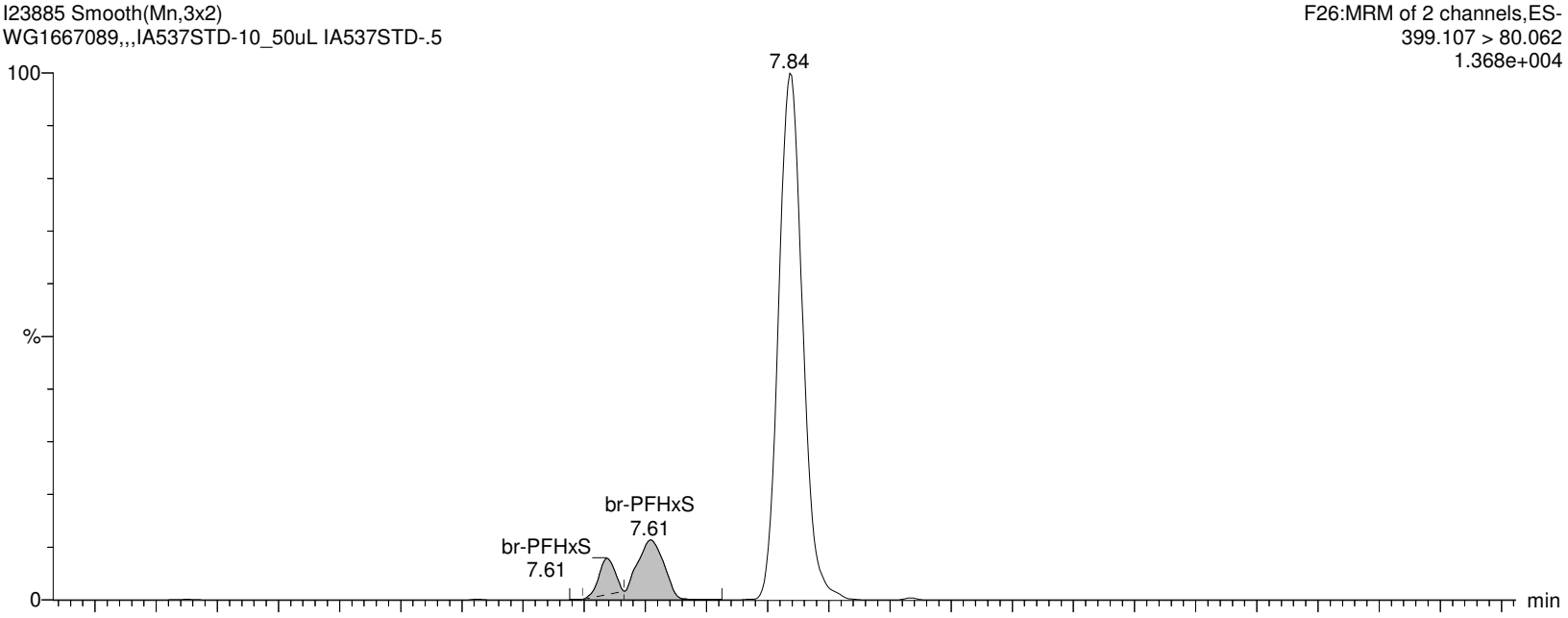


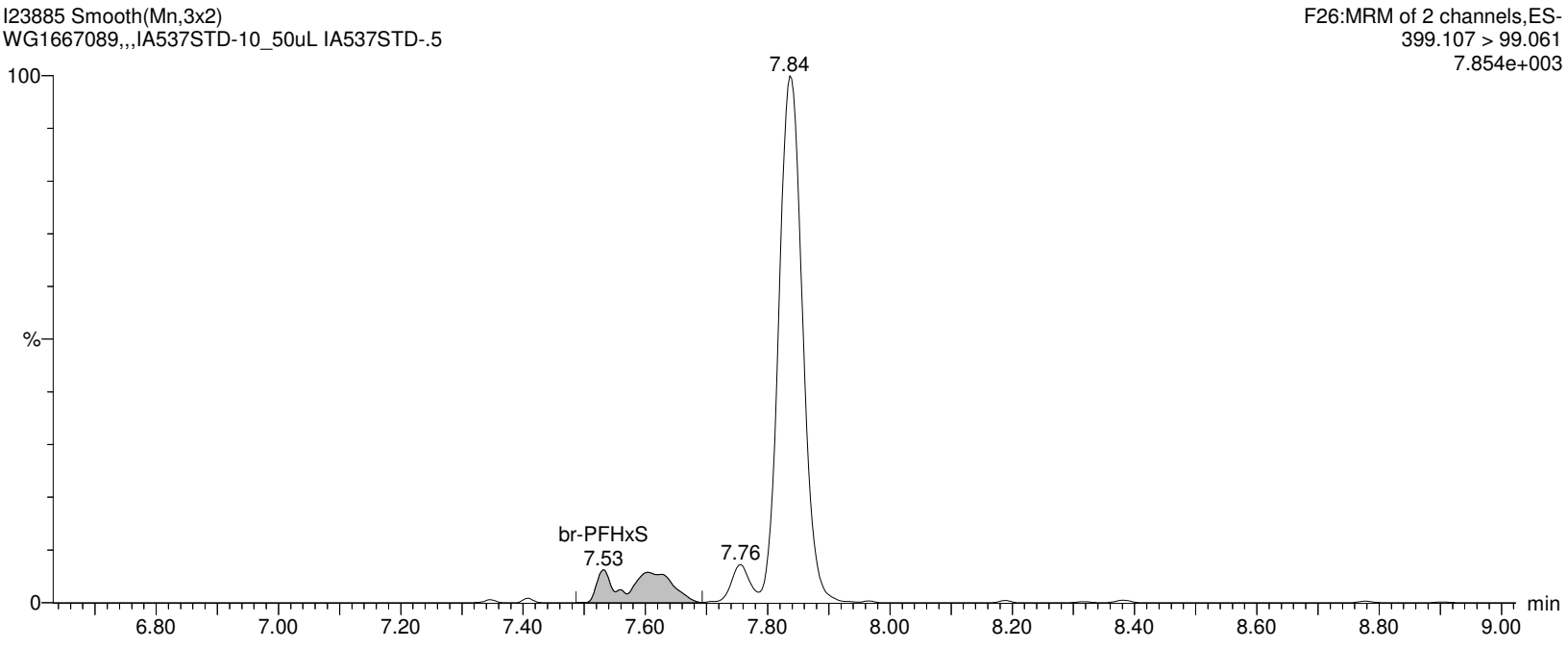
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

br-PFHxS



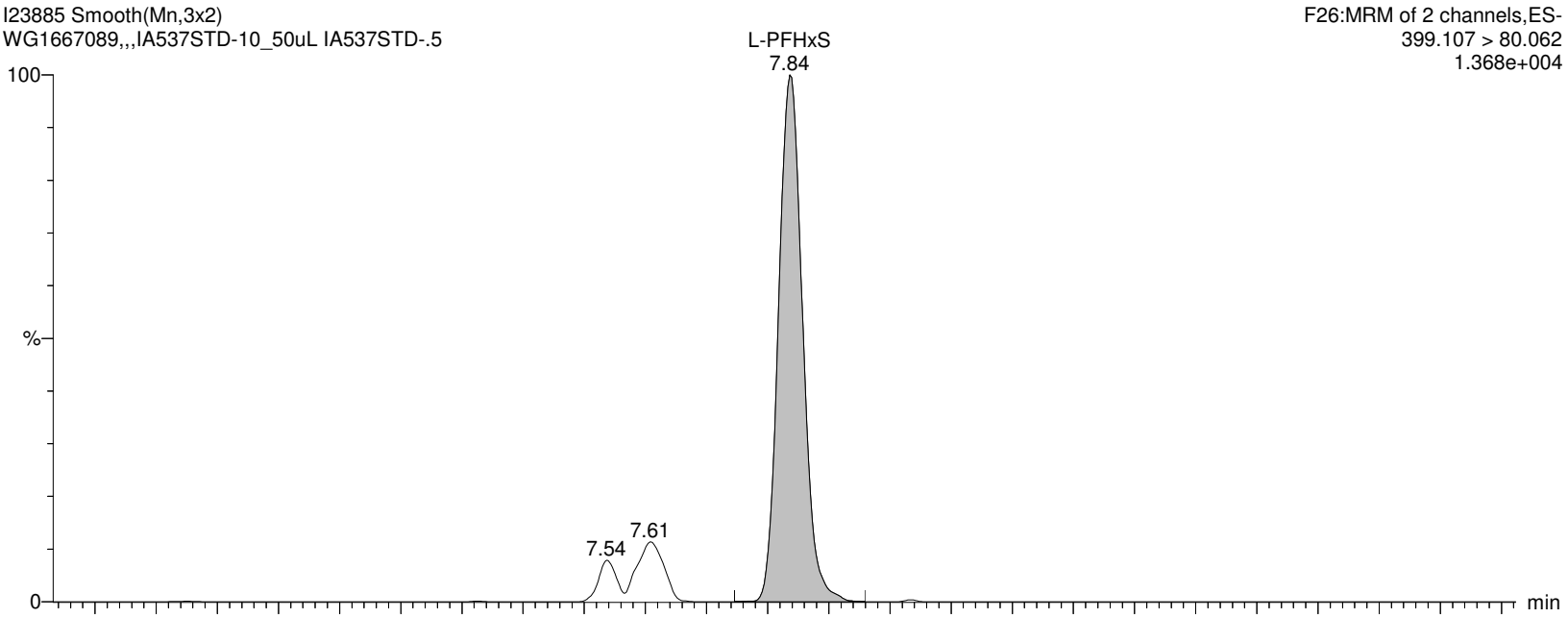


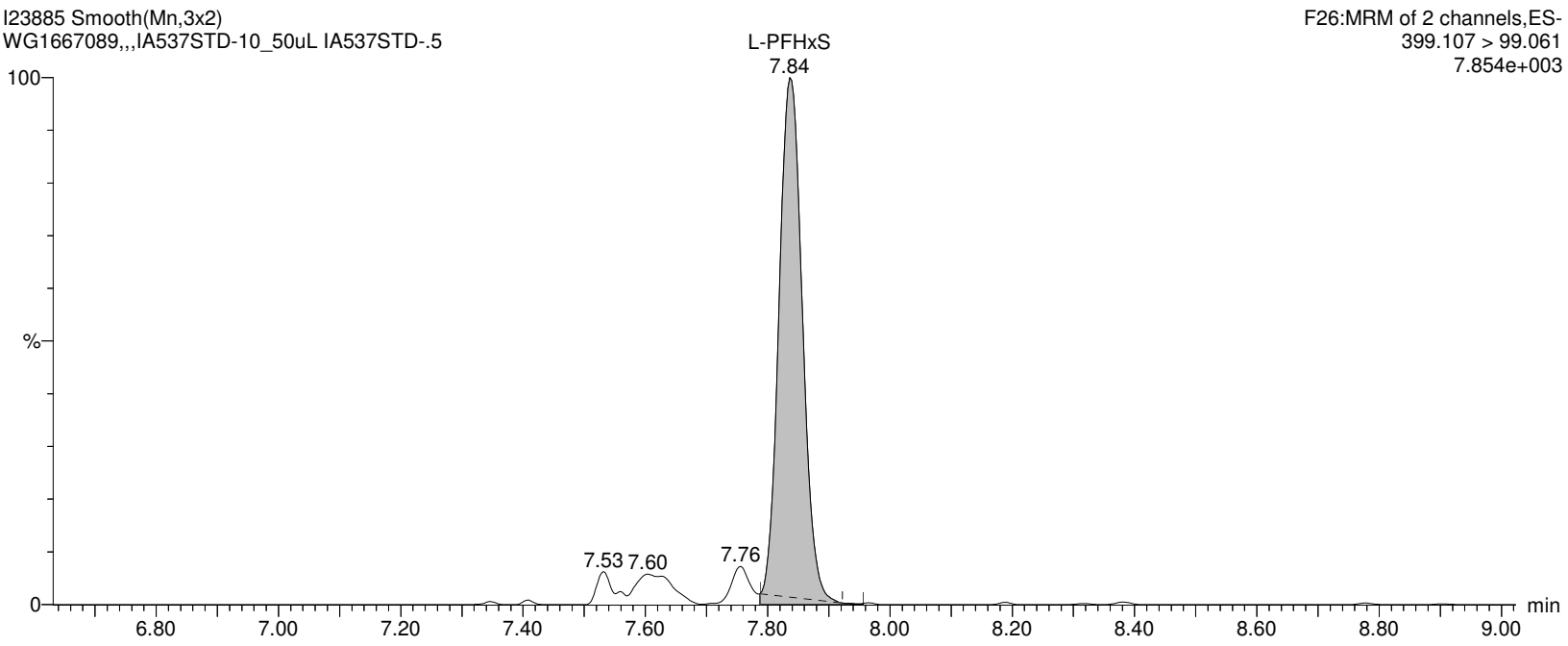
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

L-PFHxS



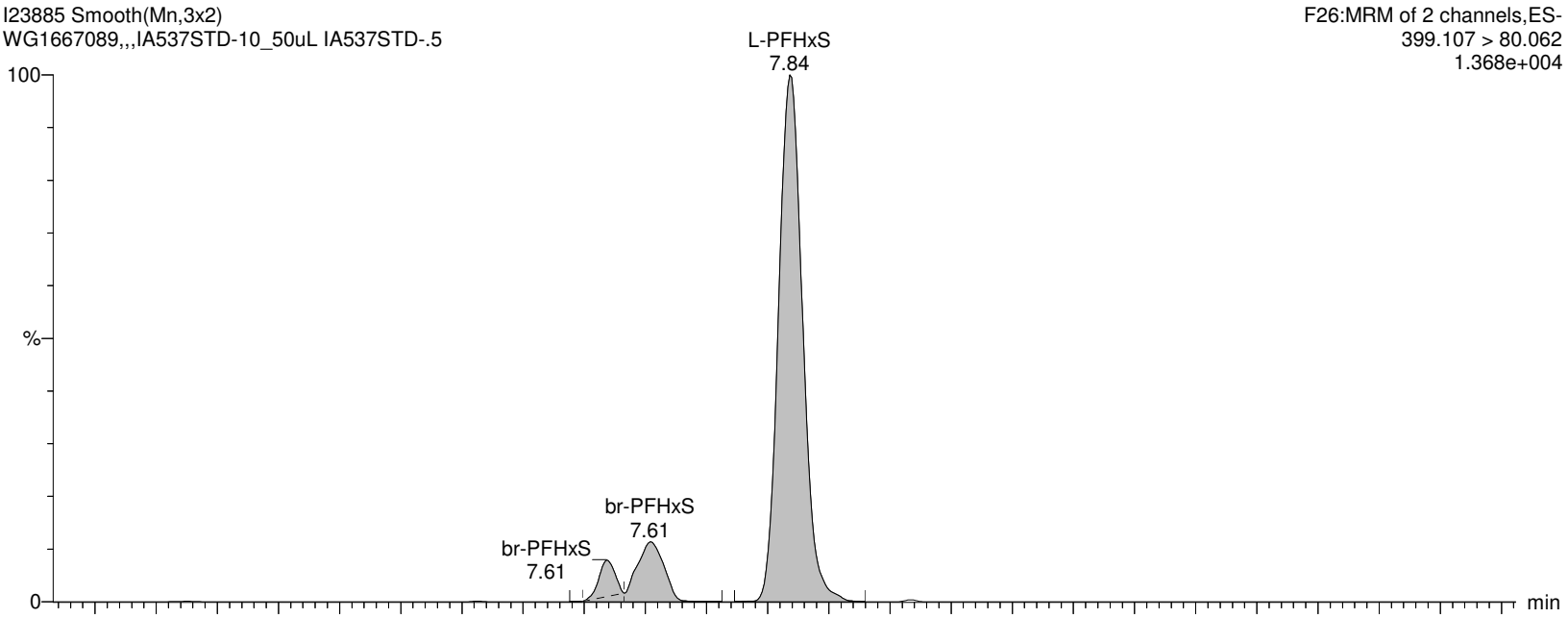


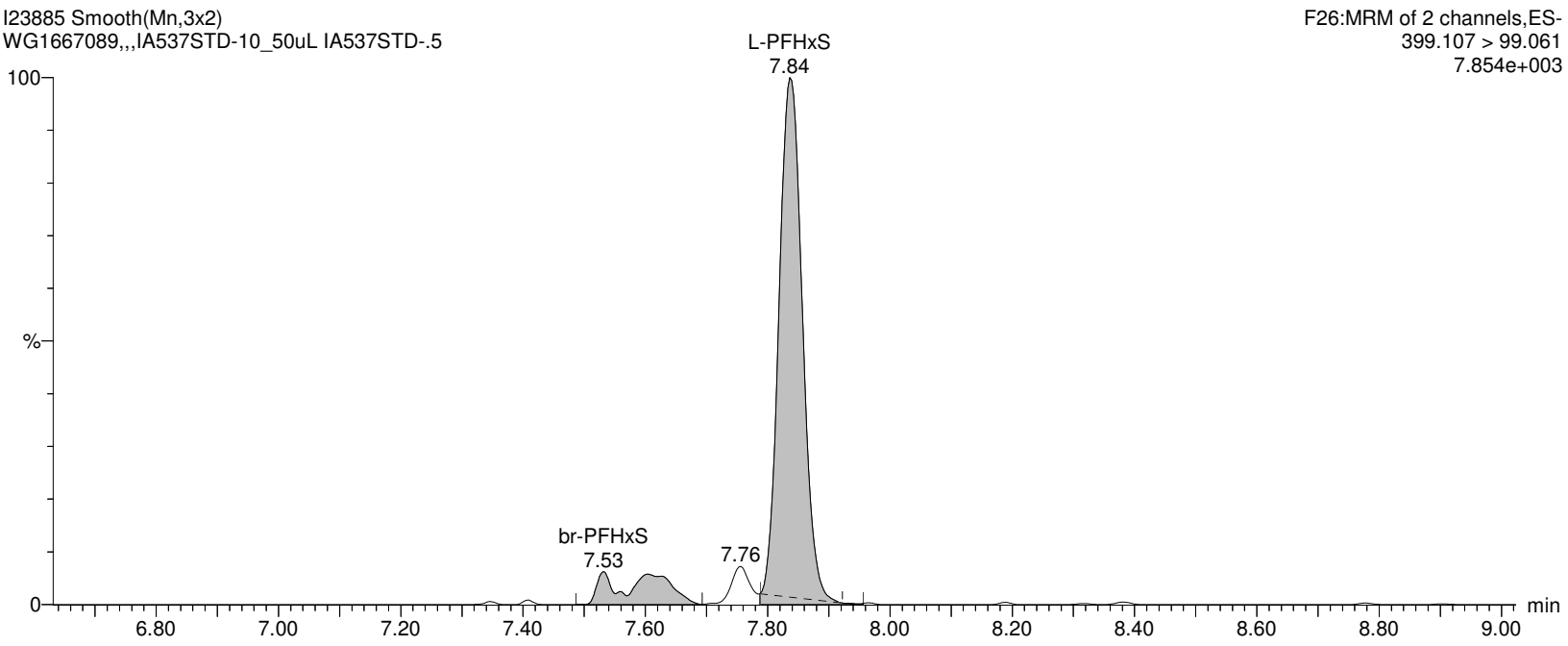
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFHxS



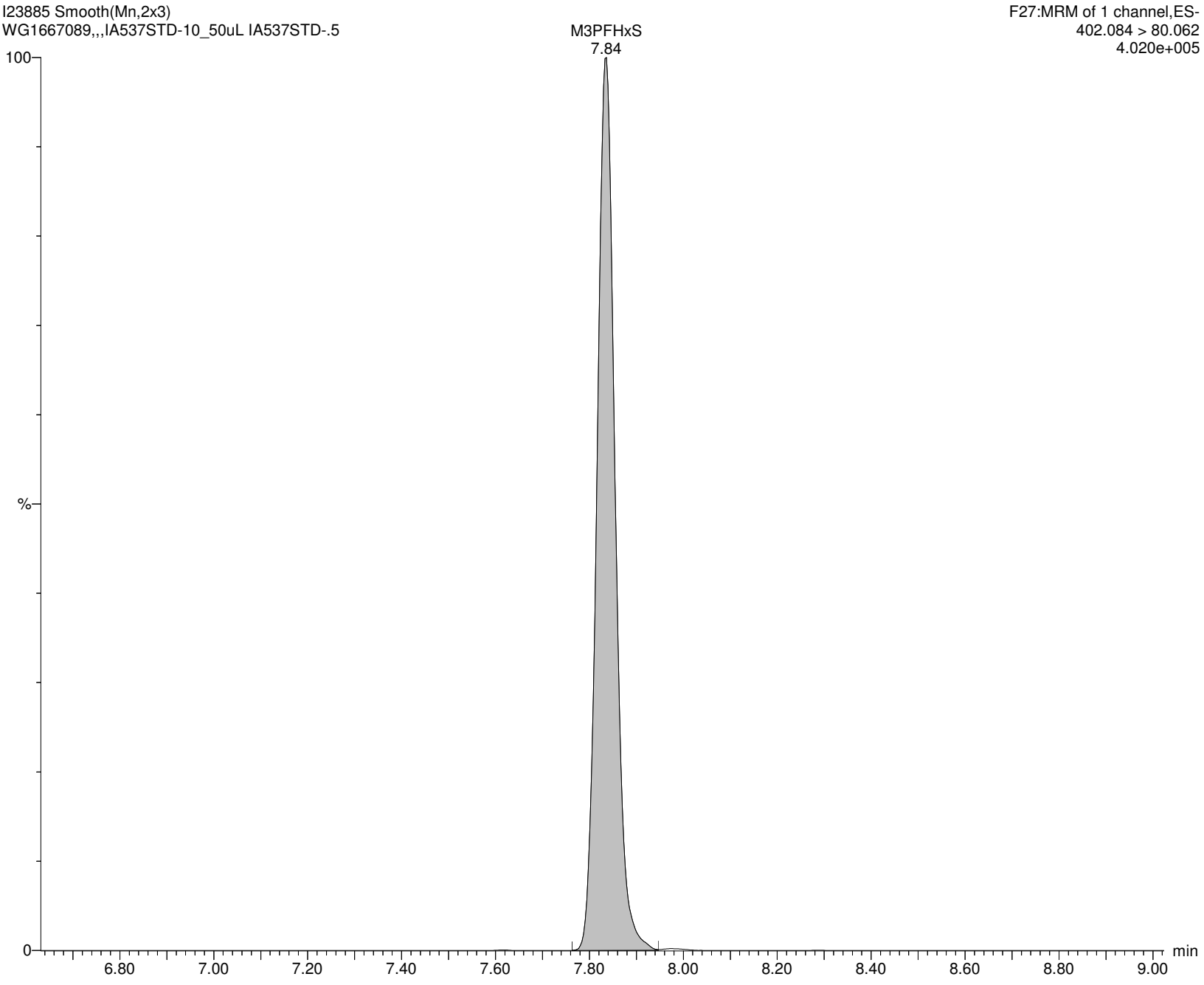


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M3PFHxS

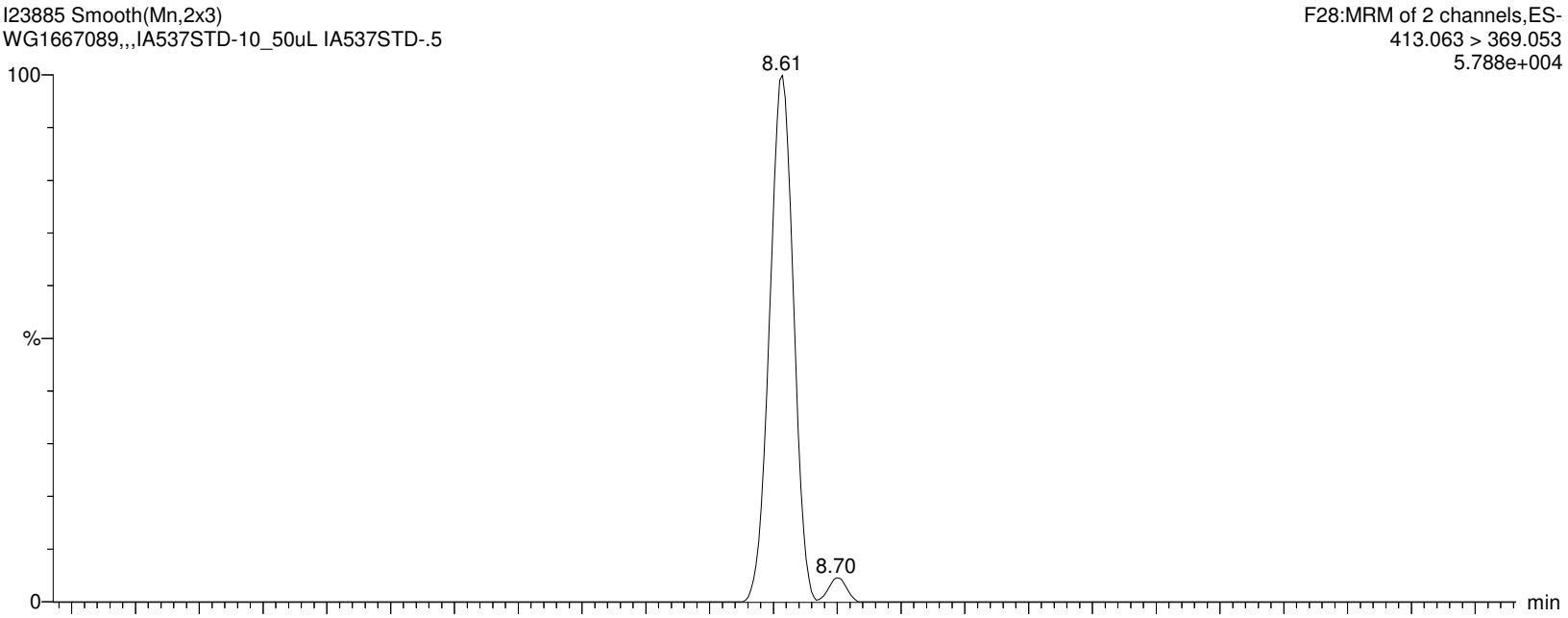


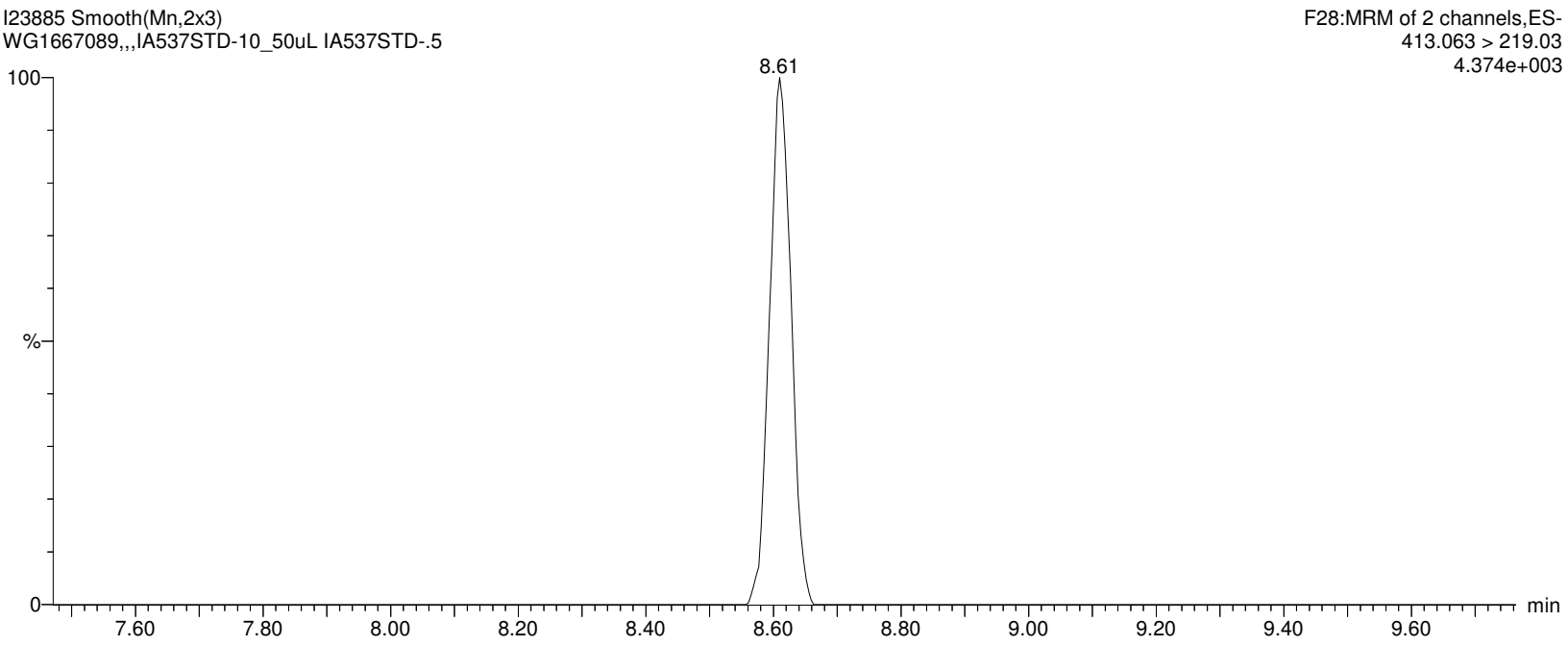
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

br-PFOA



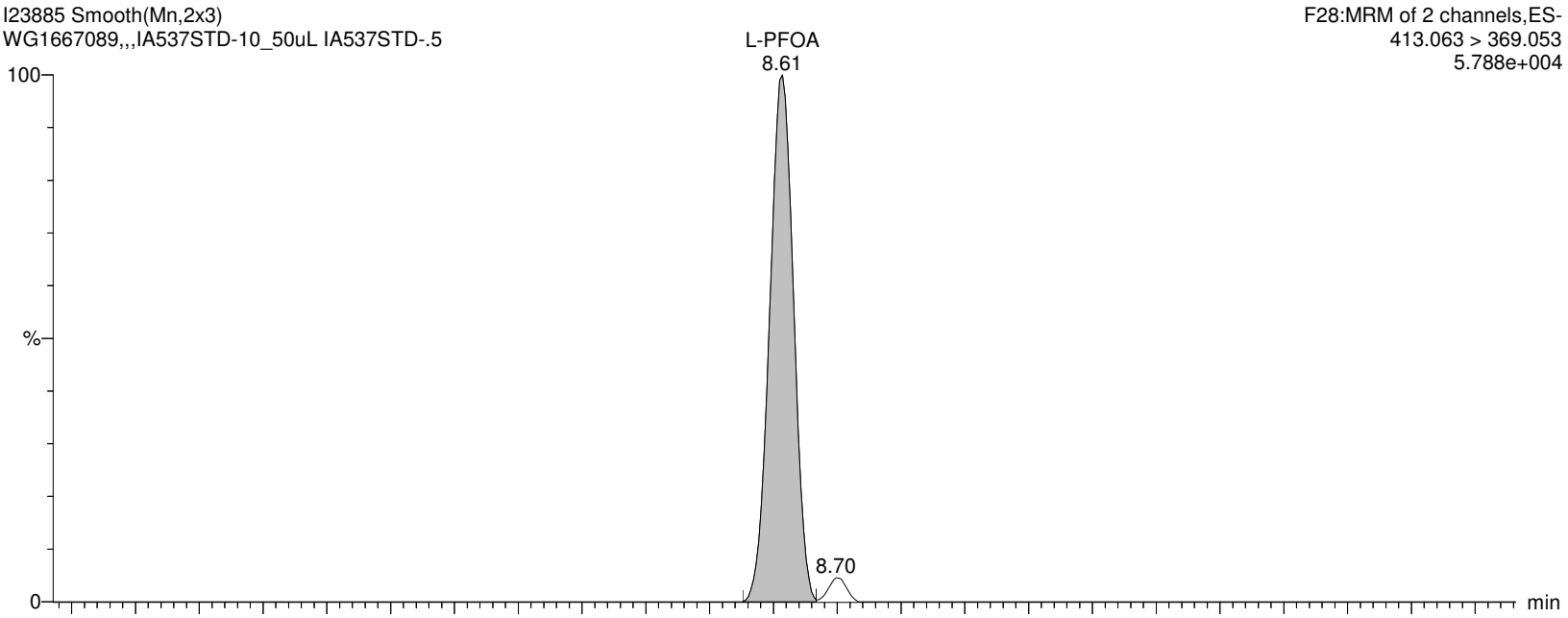


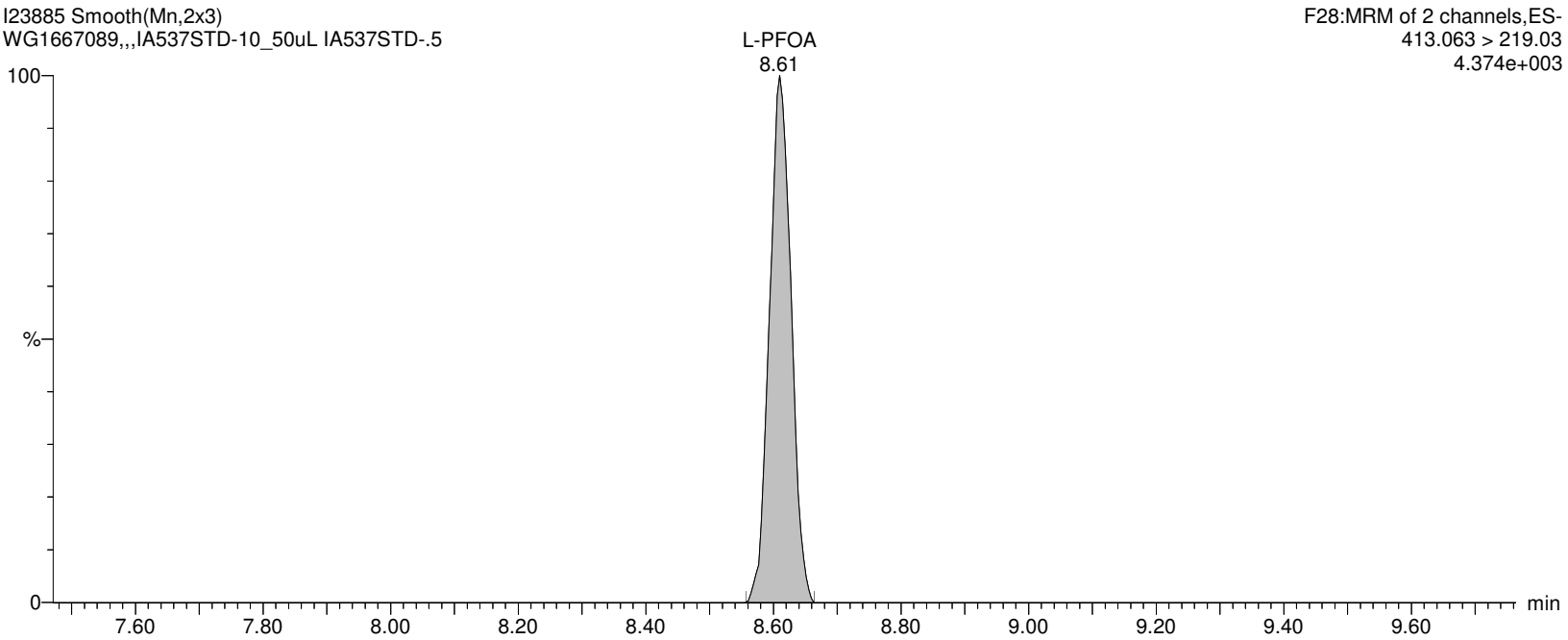
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

L-PFOA



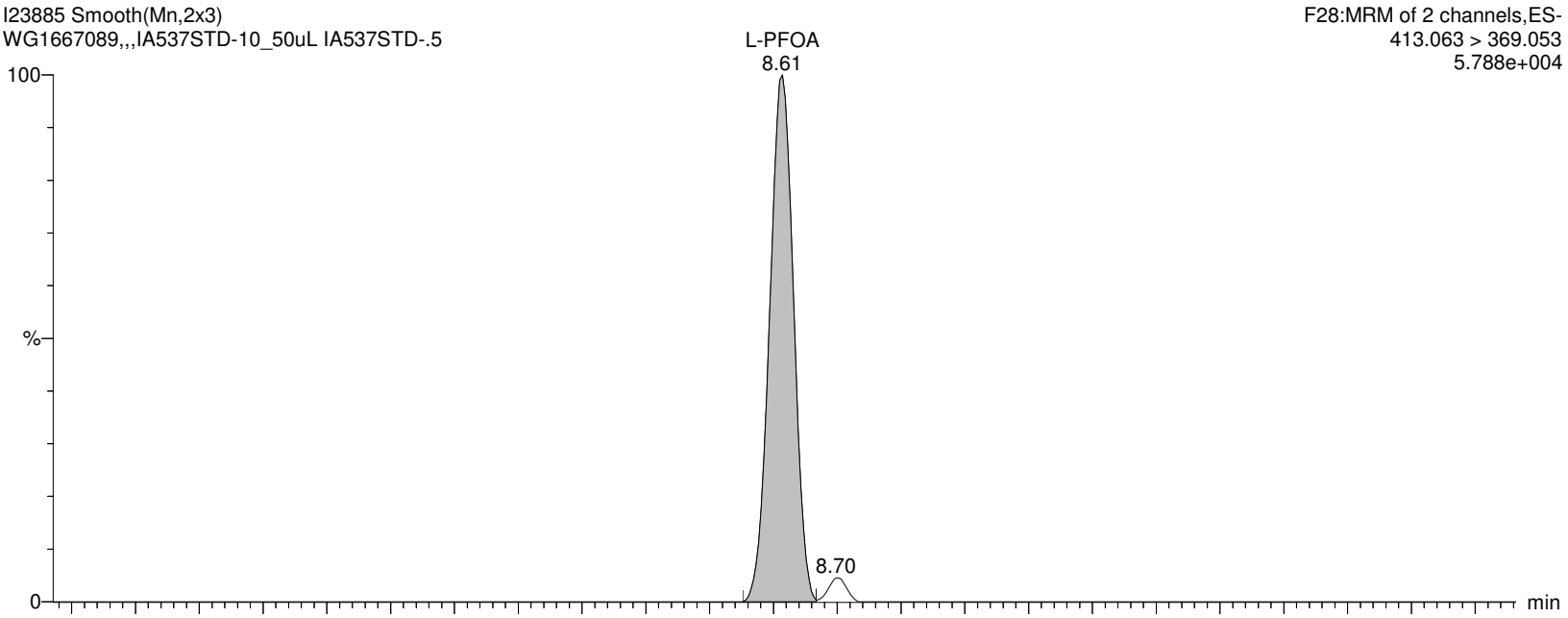


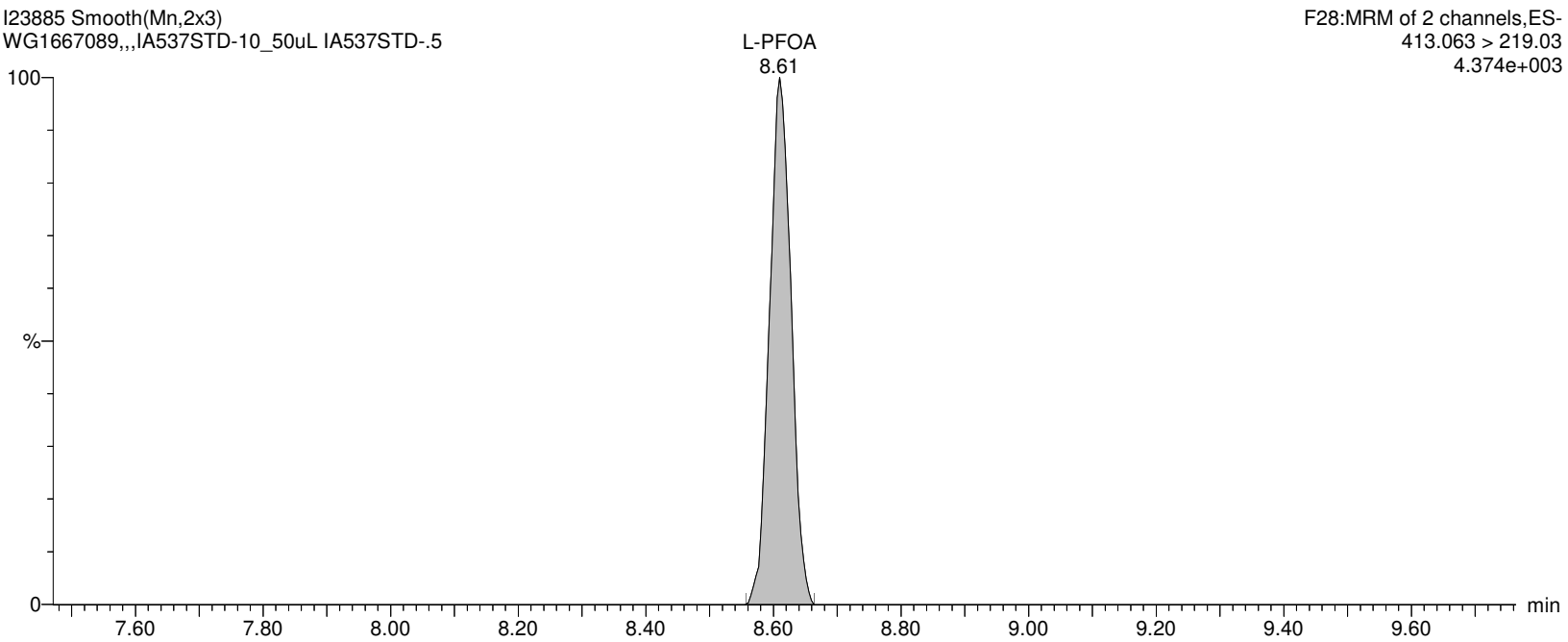
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFOA



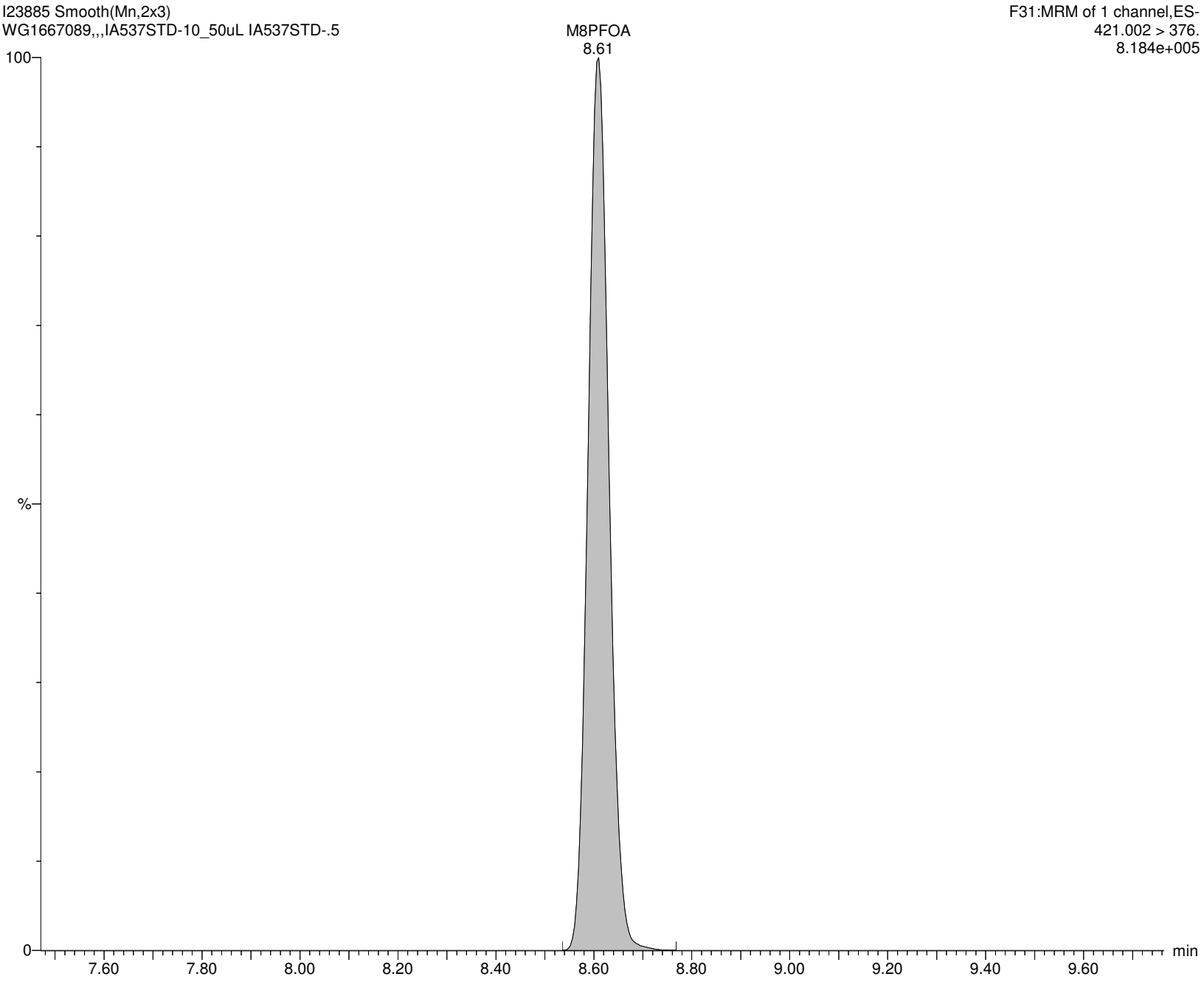


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M8PFOA

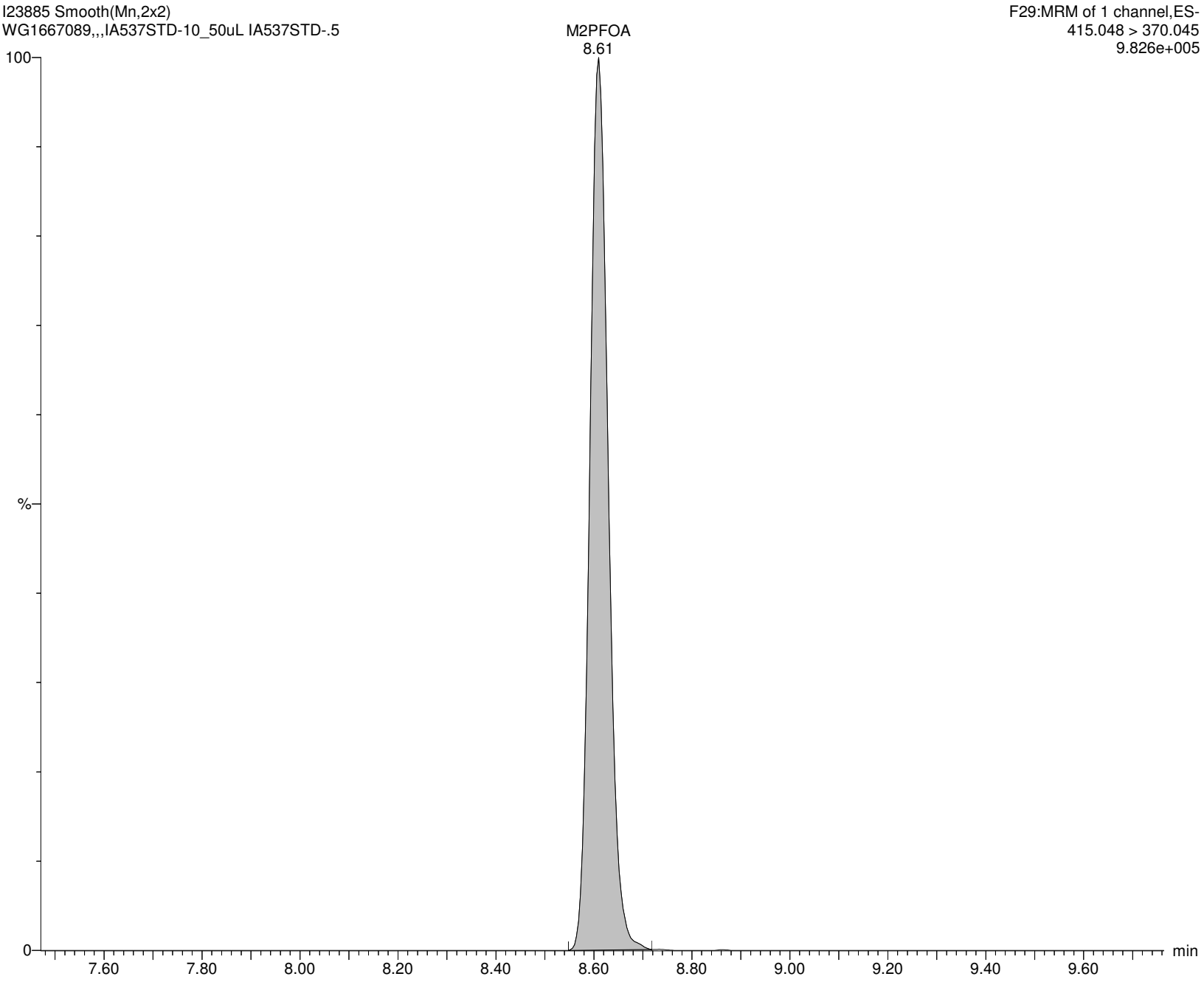


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2PFOA

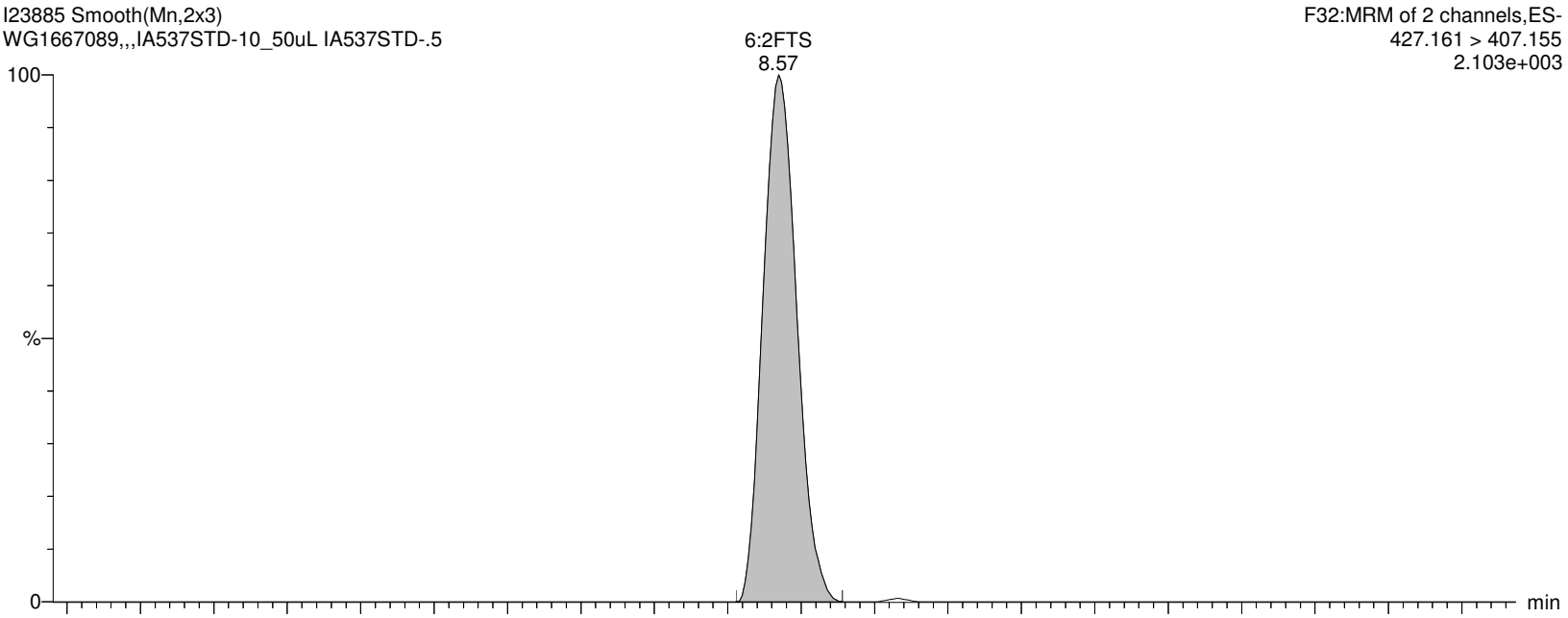


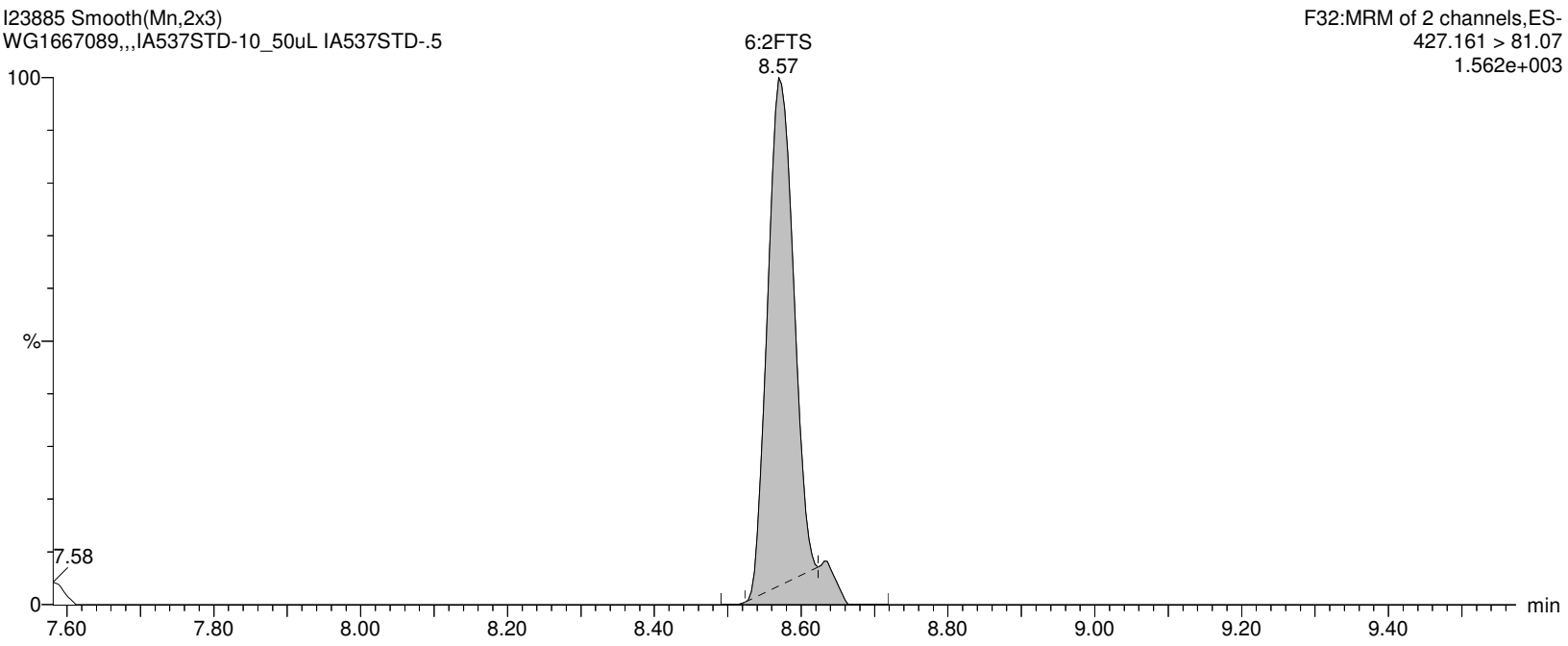
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

6:2FTS



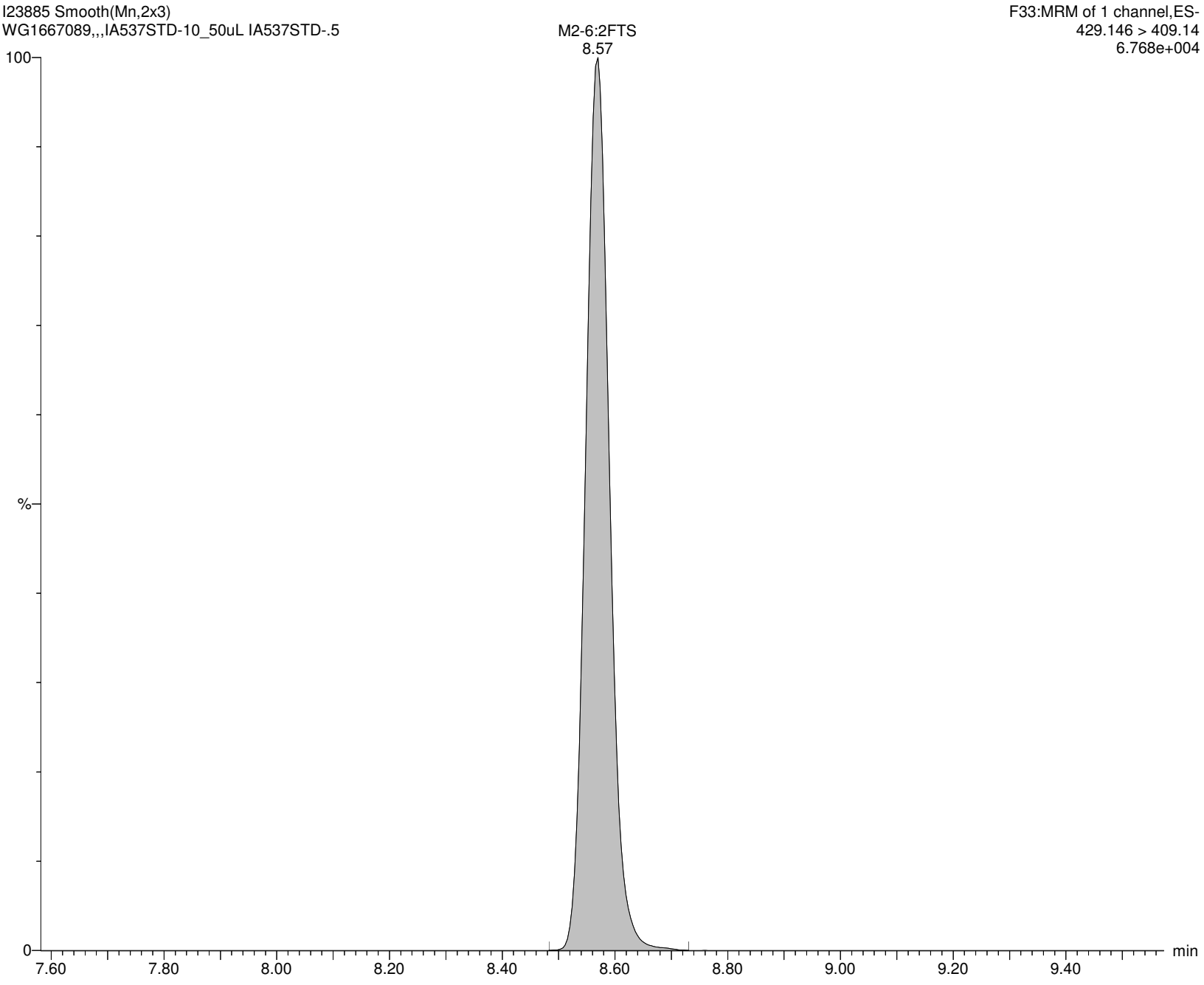


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2-6:2FTS

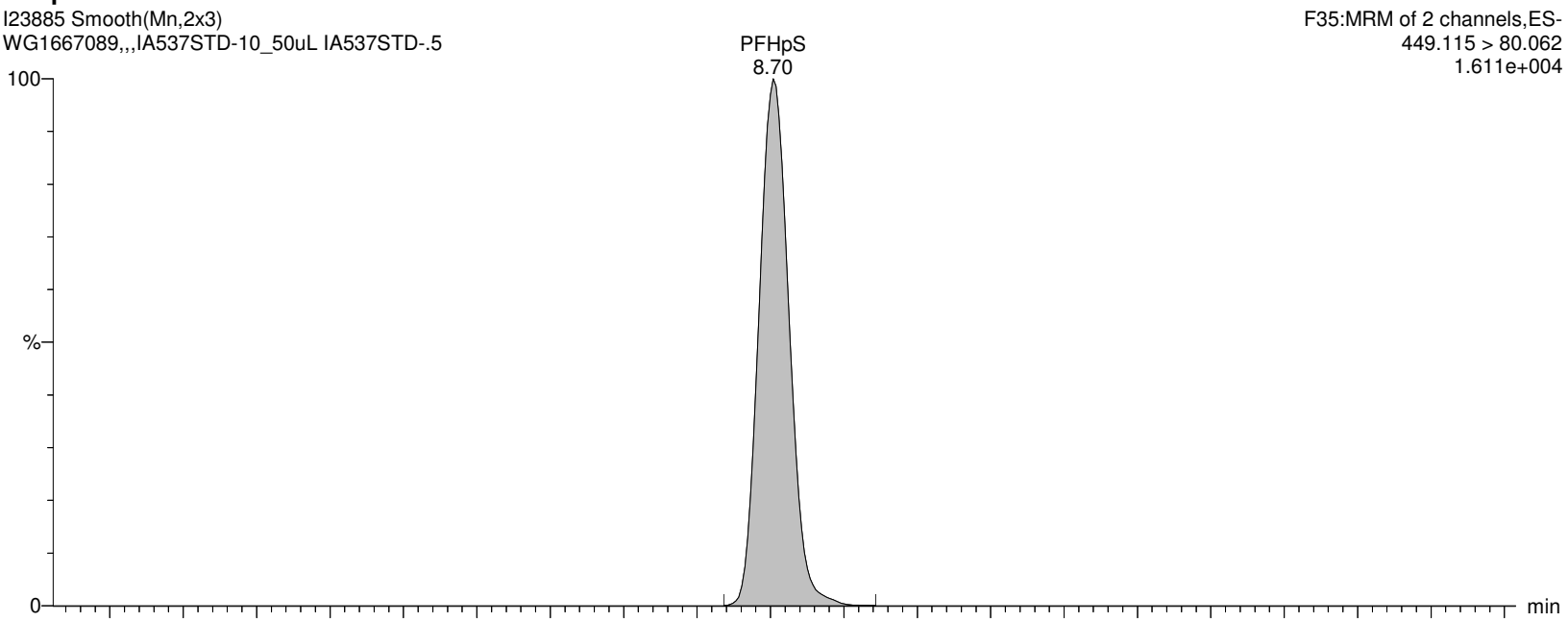


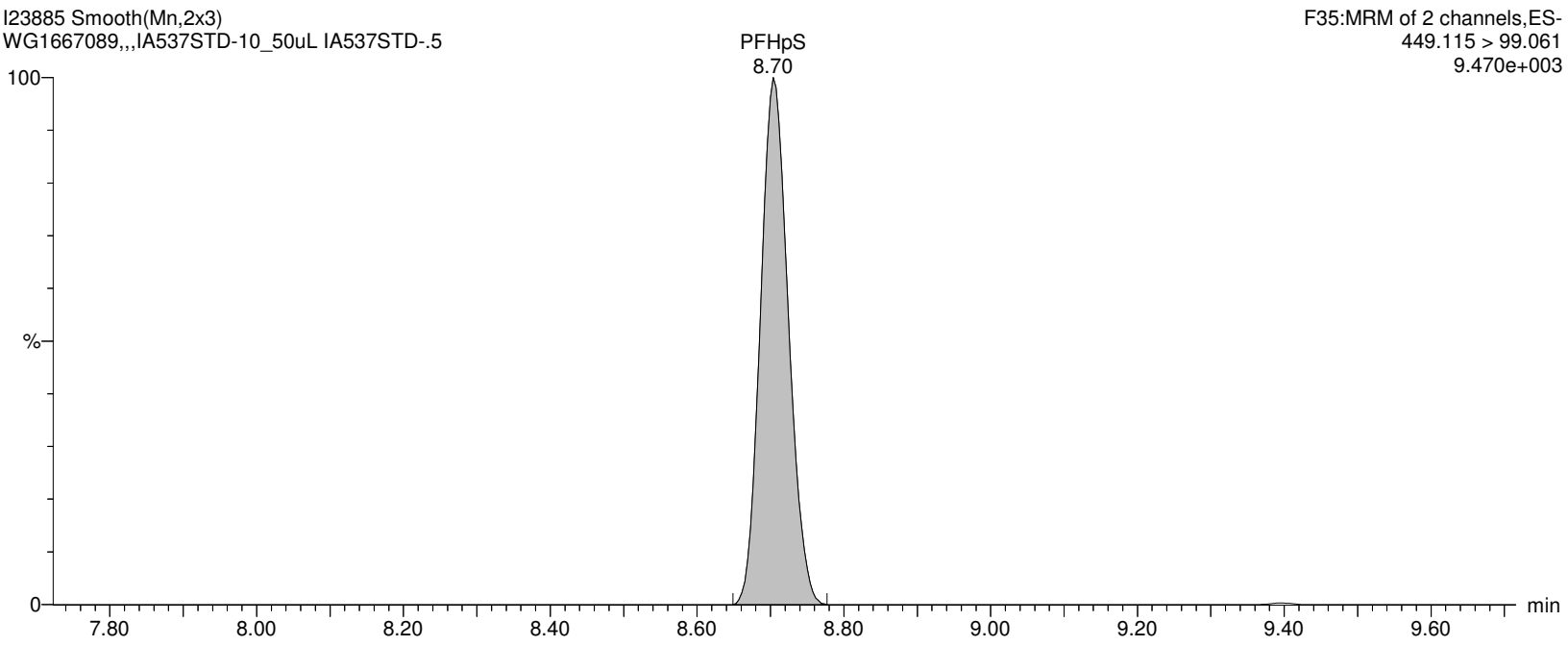
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFHpS



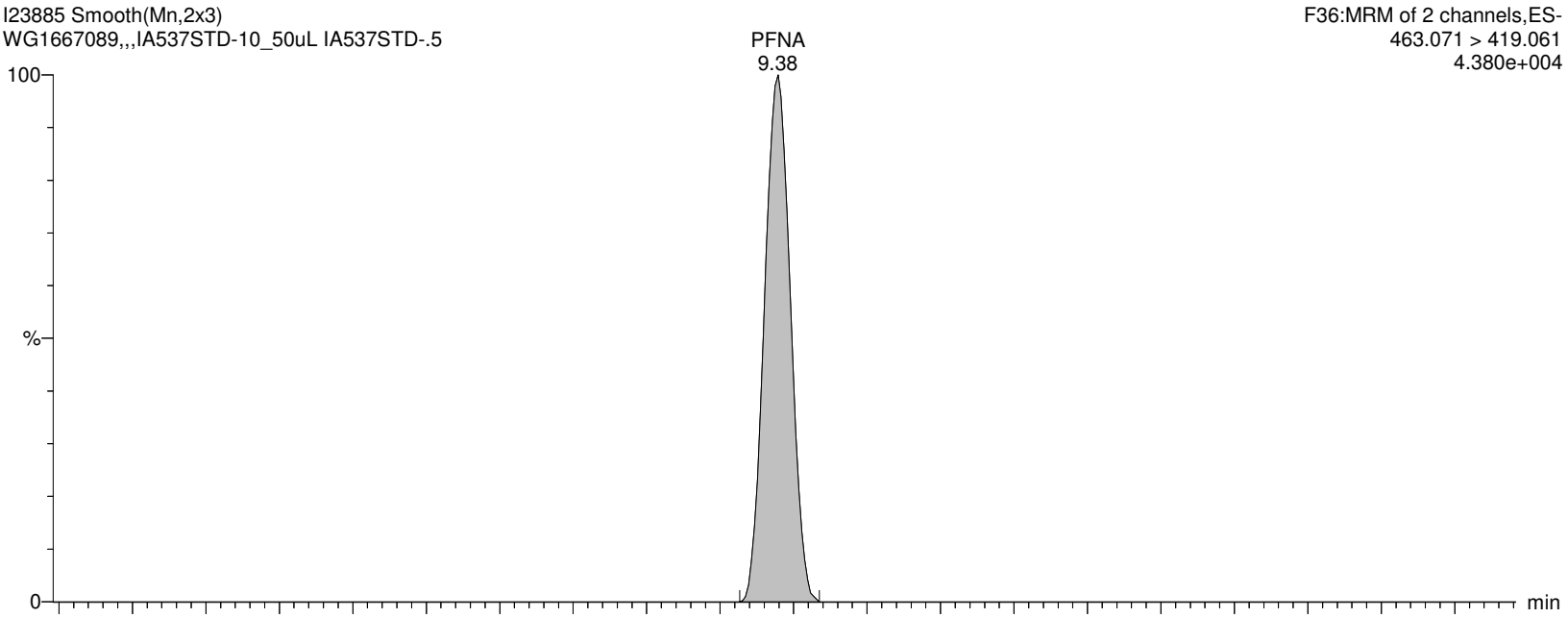


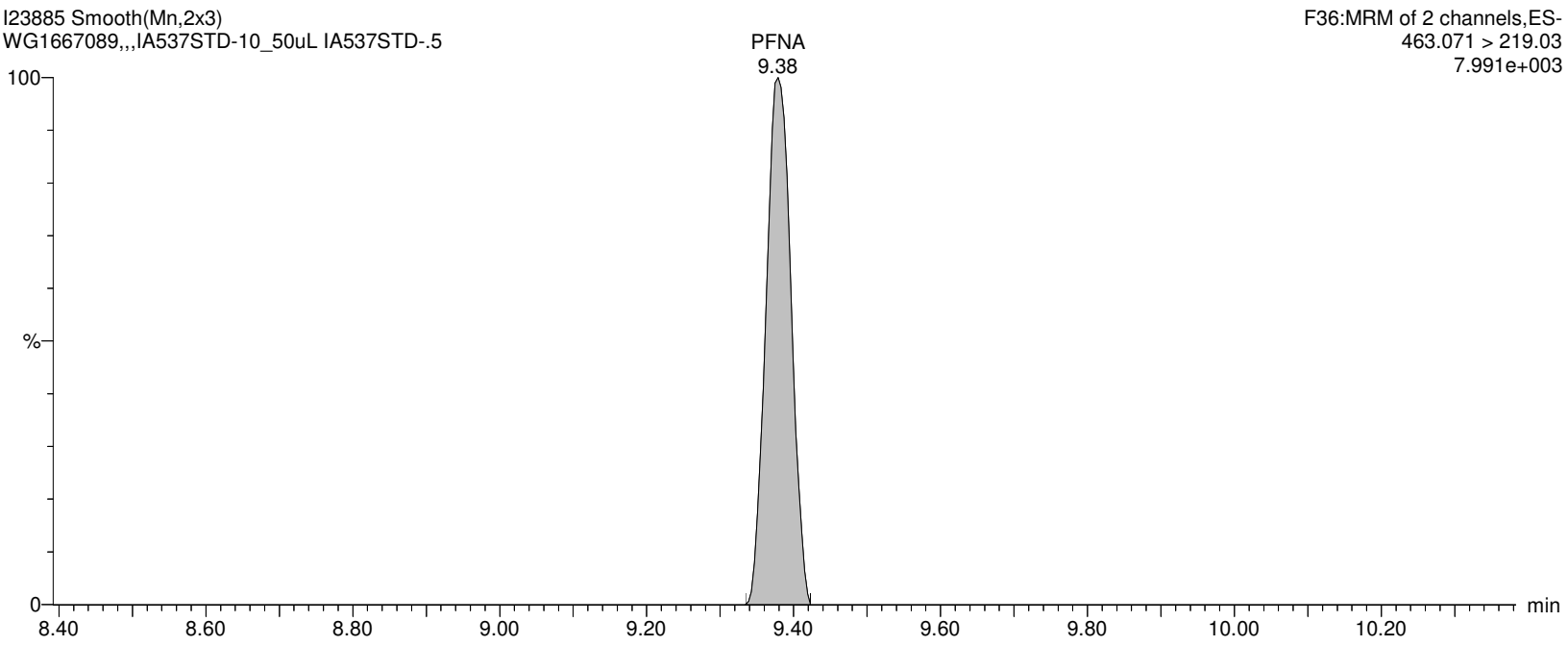
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFNA



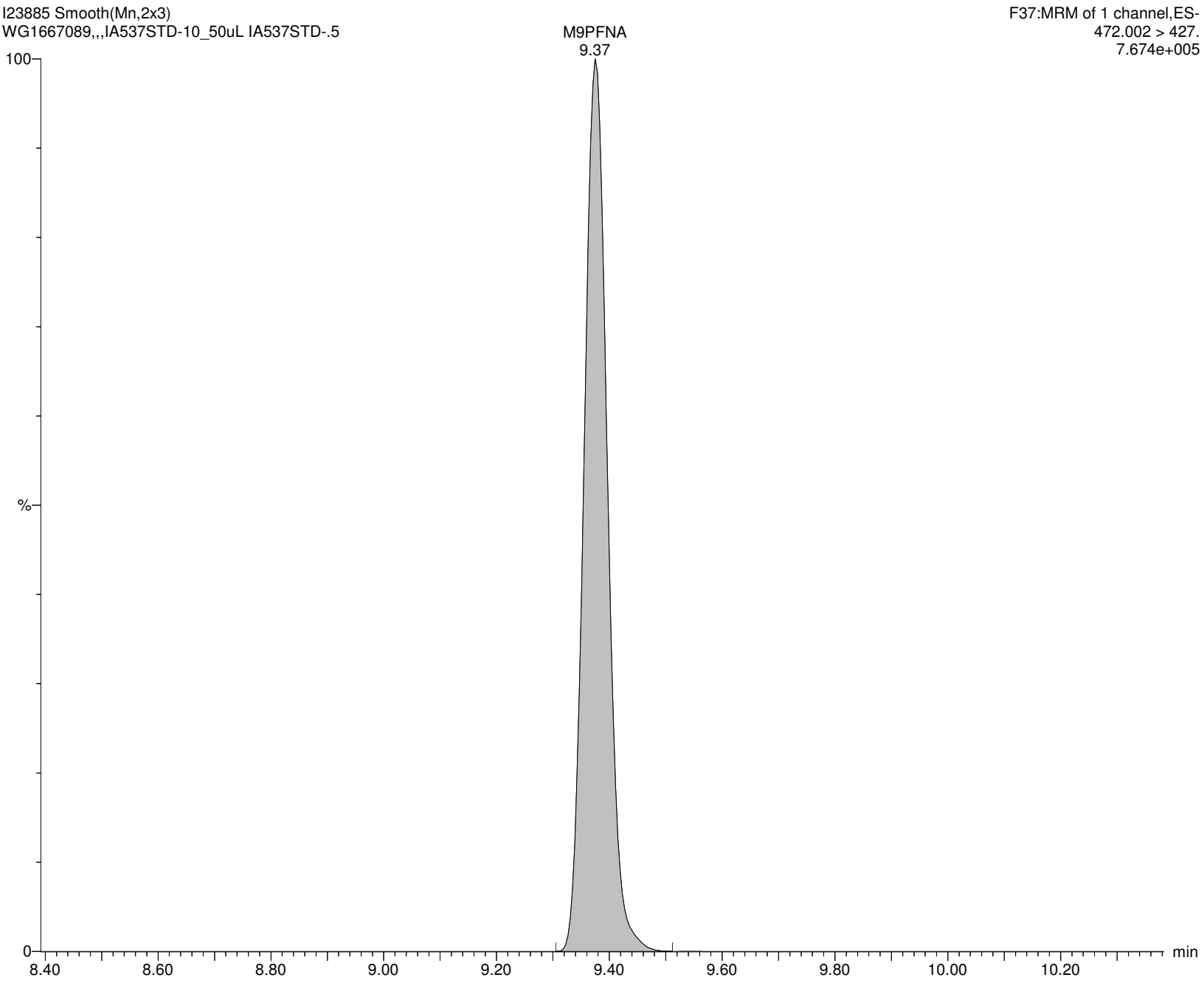


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M9PFNA

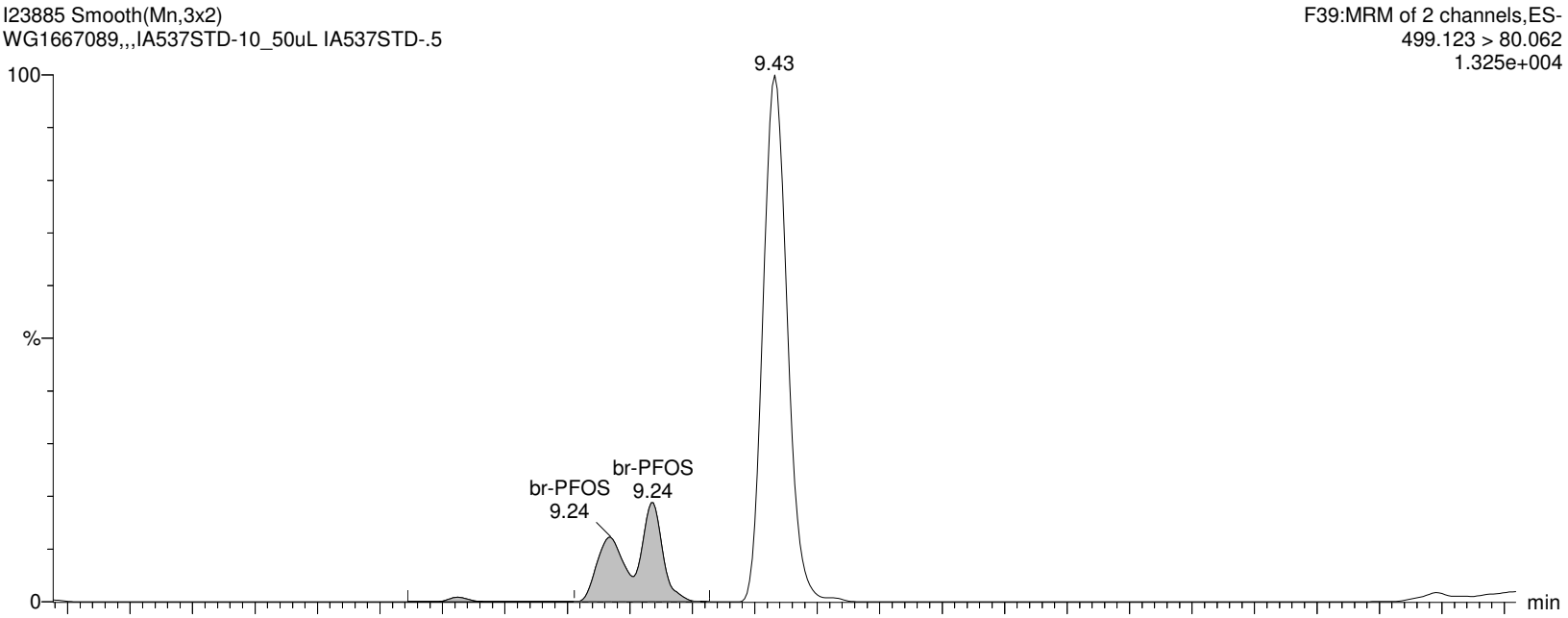


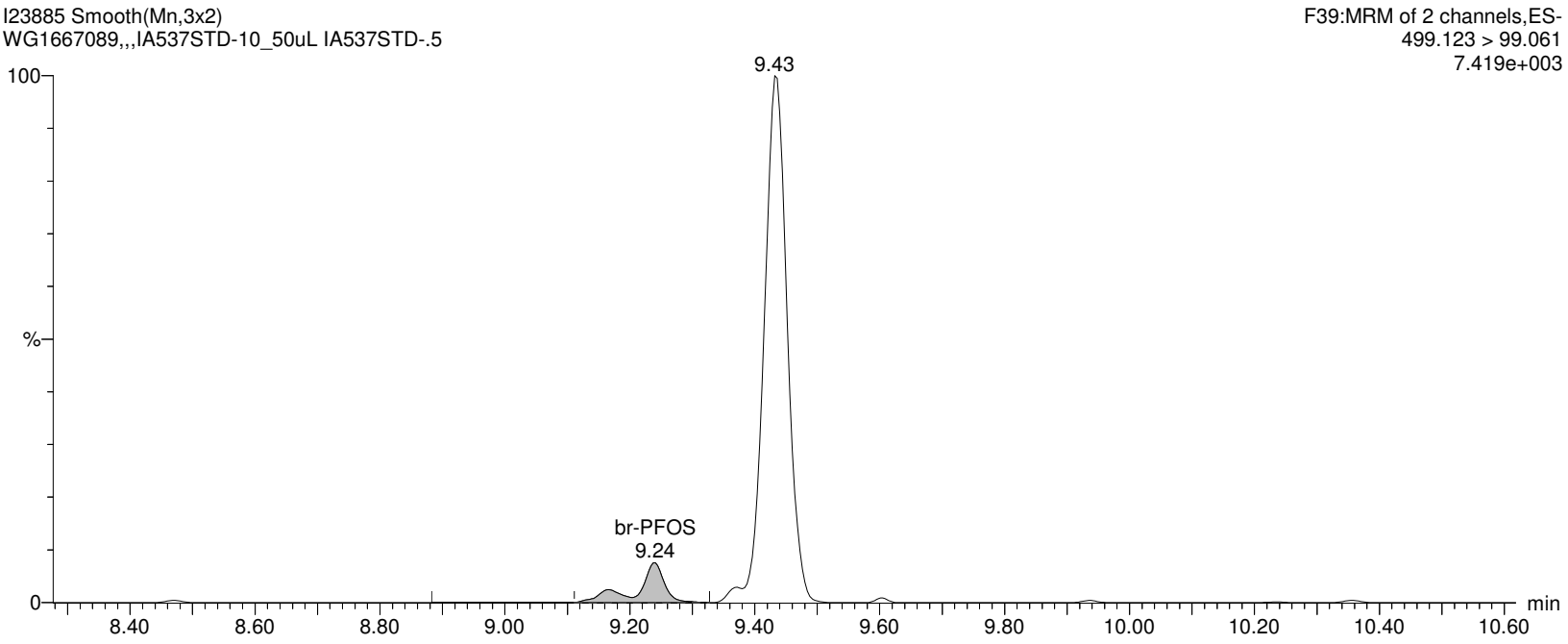
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

br-PFOS



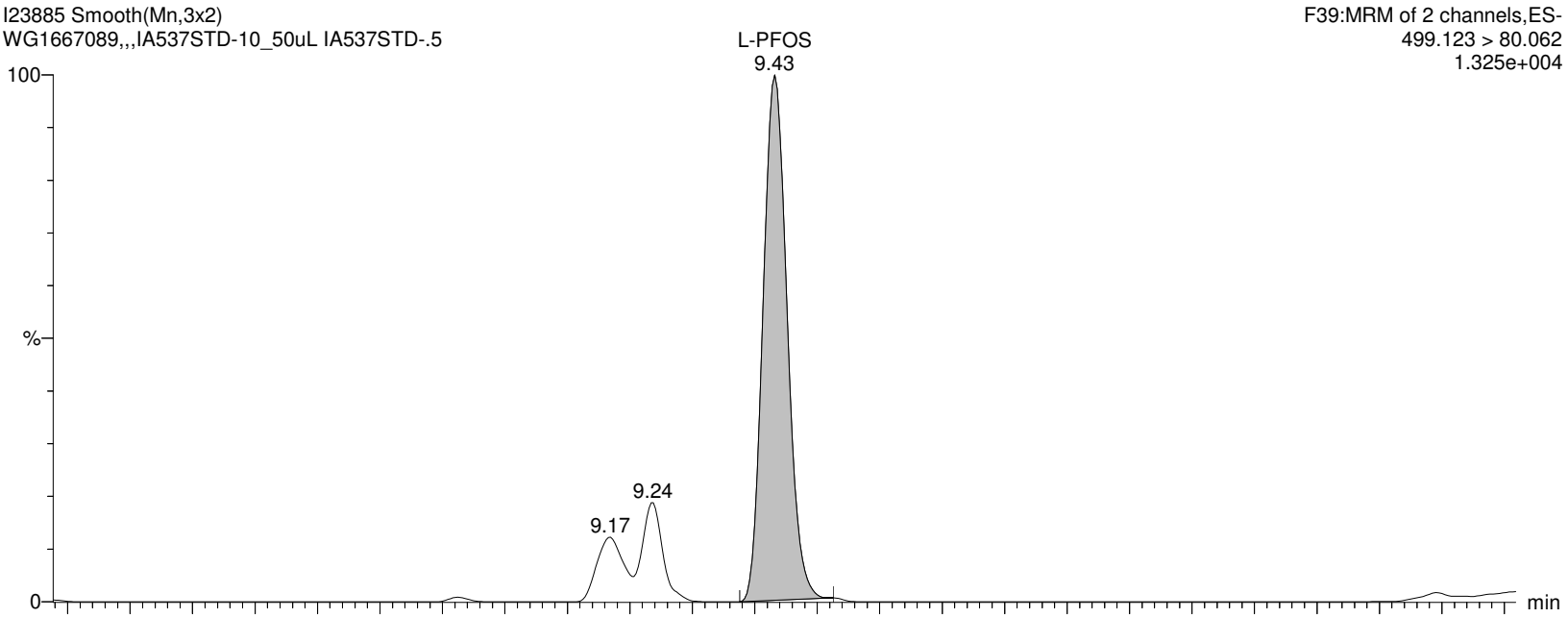


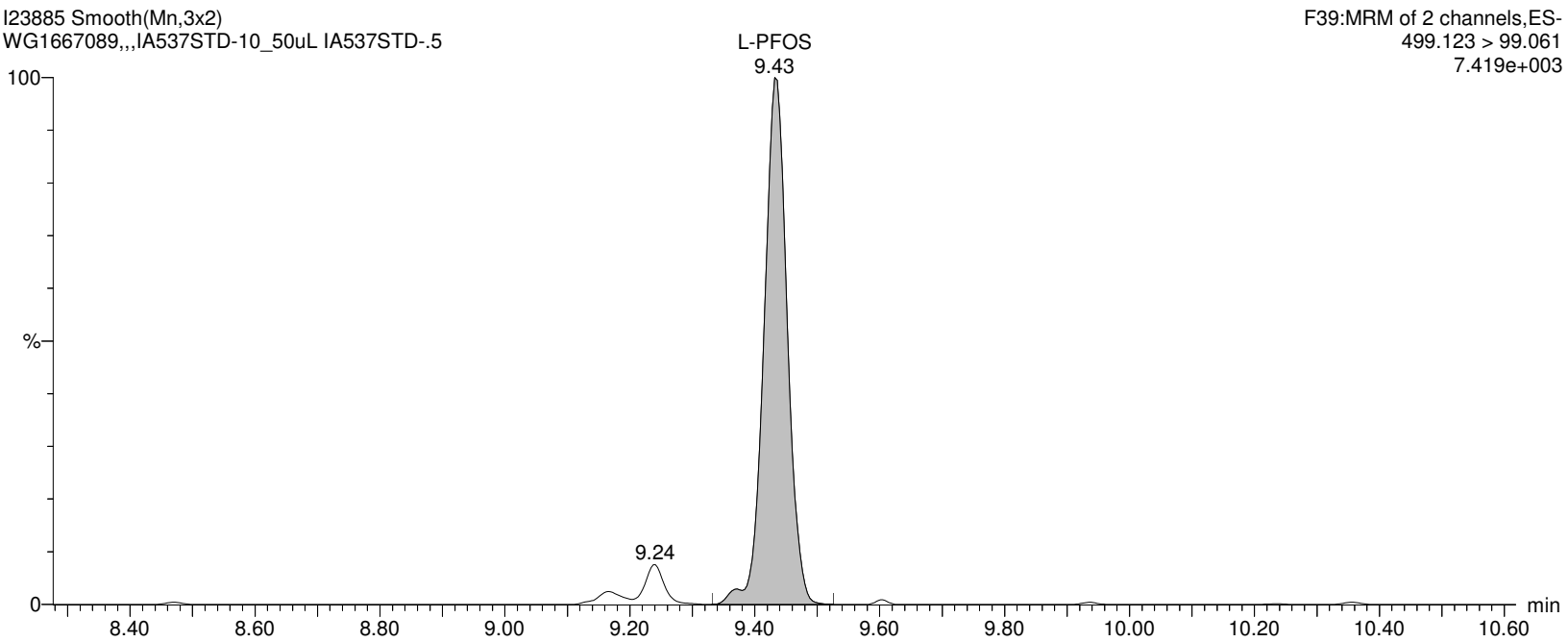
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

L-PFOS



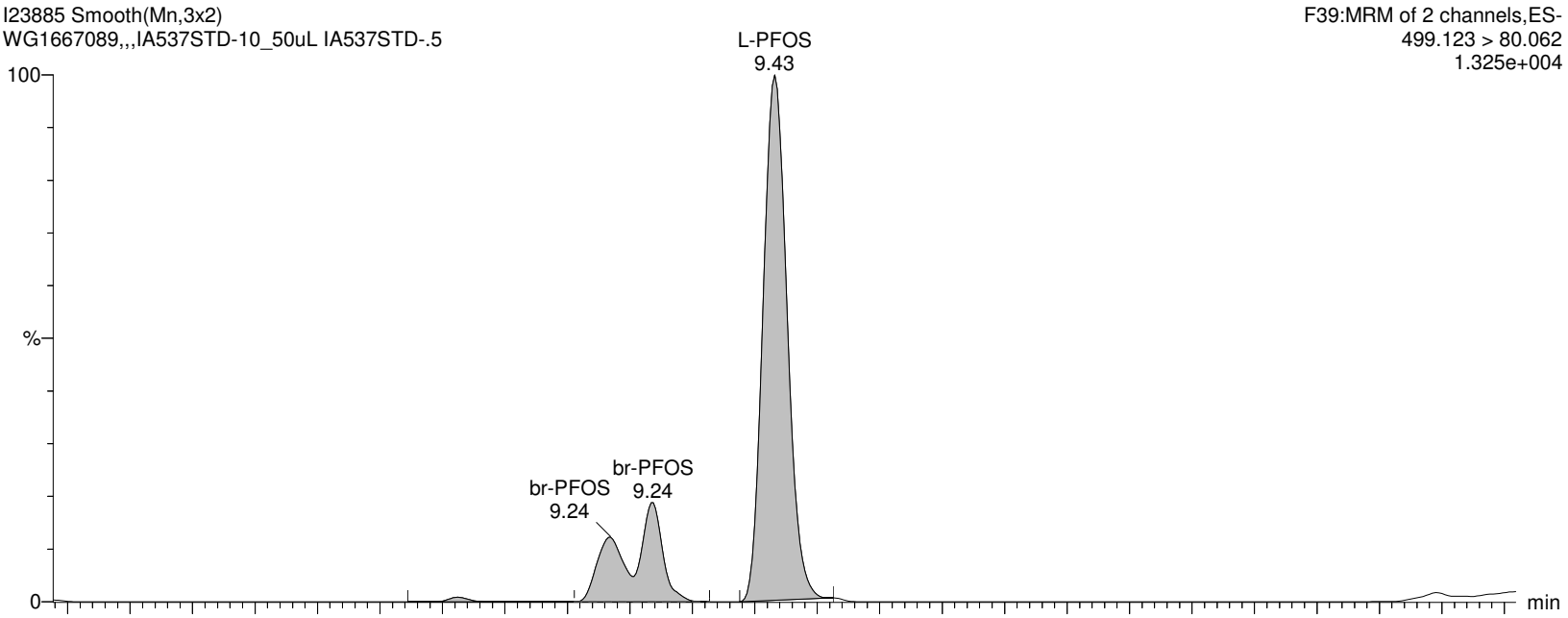


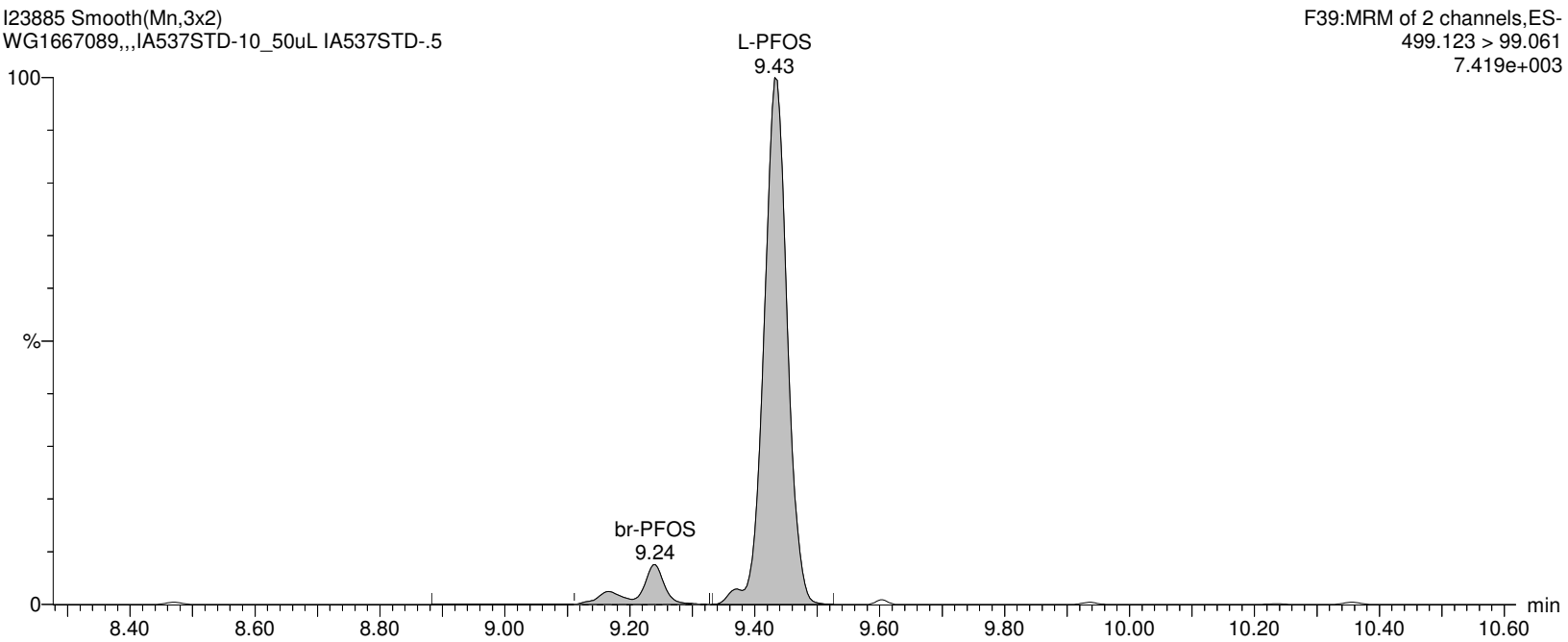
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFOS



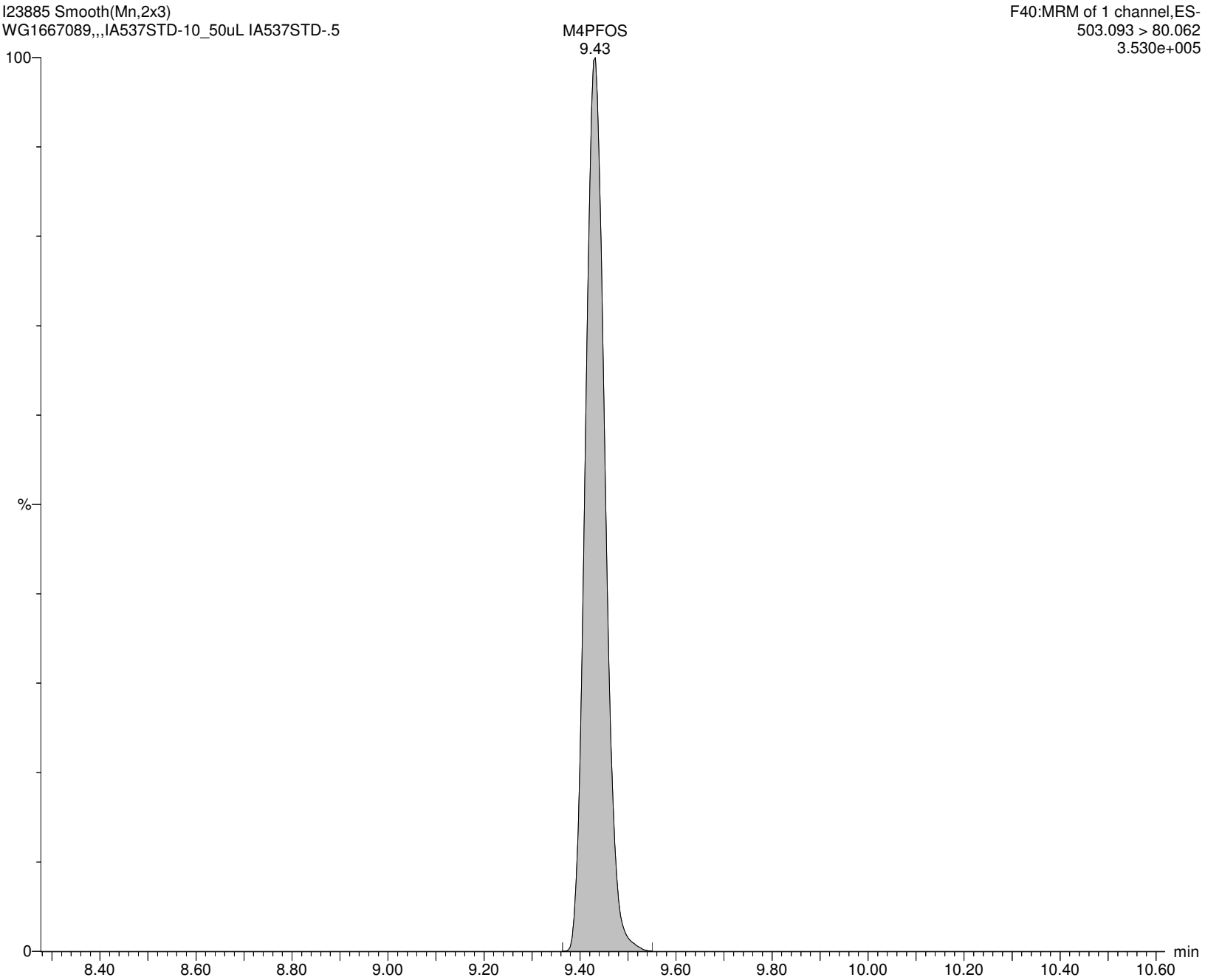


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M4PFOS

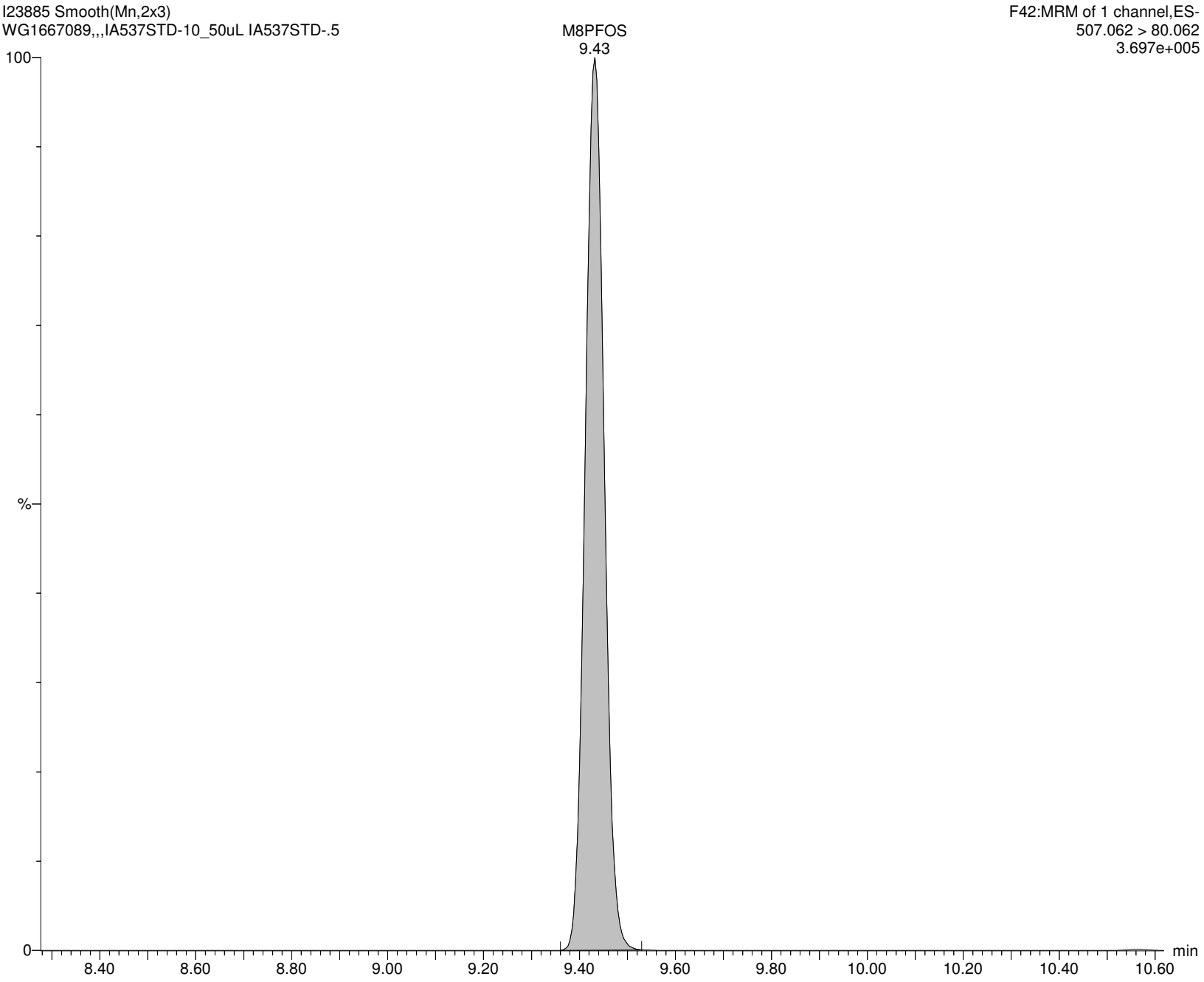


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M8PFOS

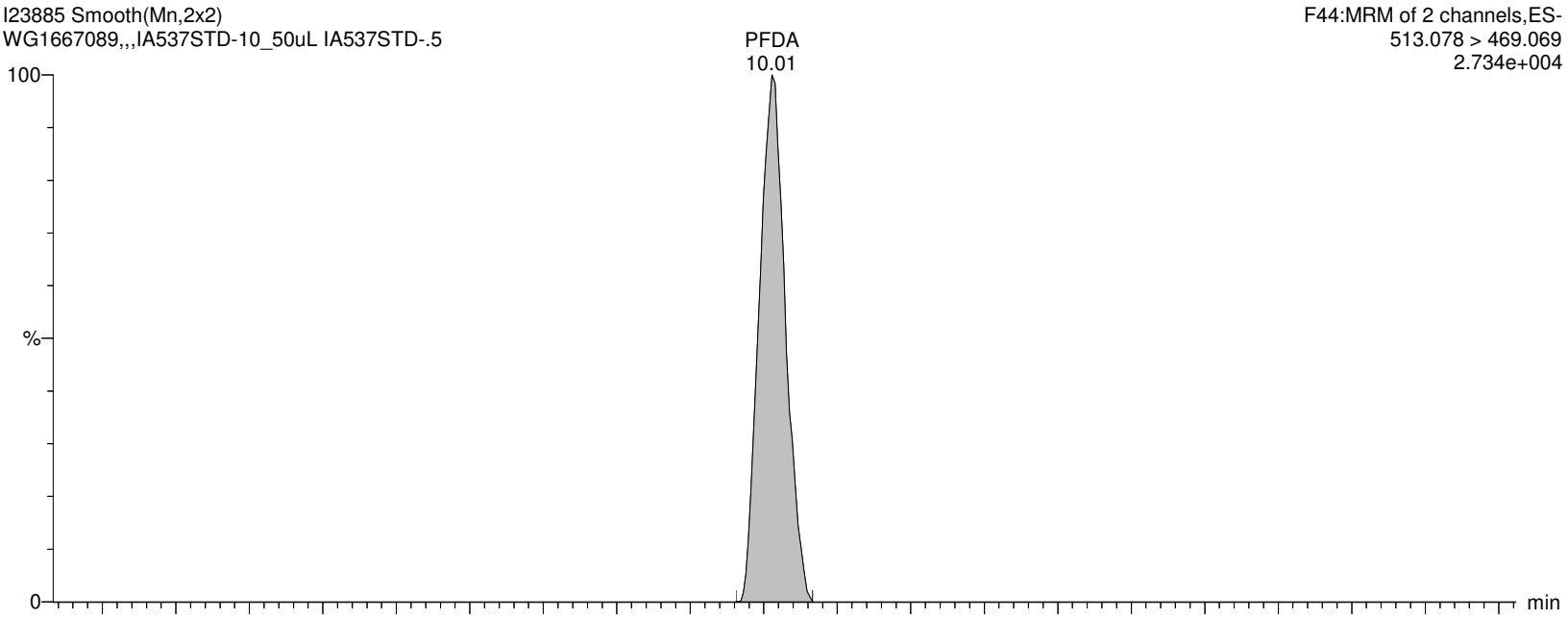


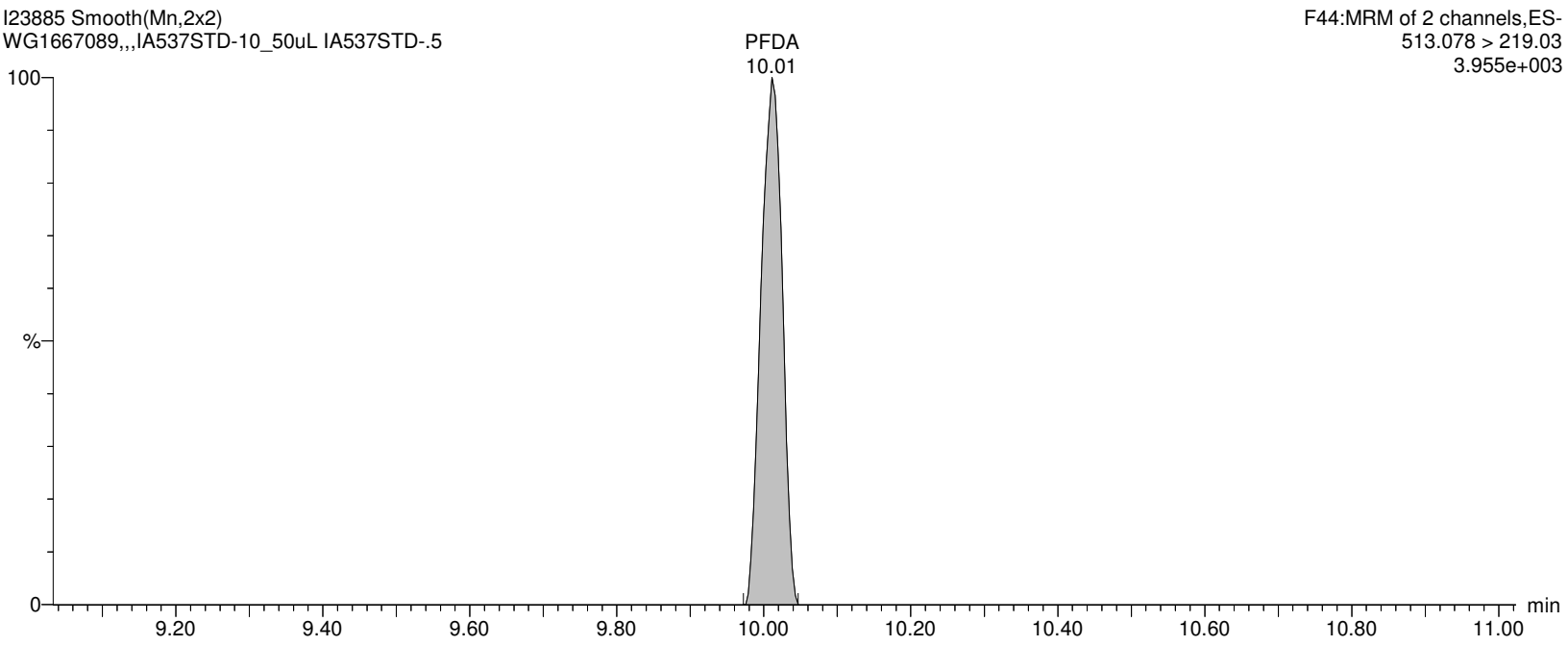
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFDA



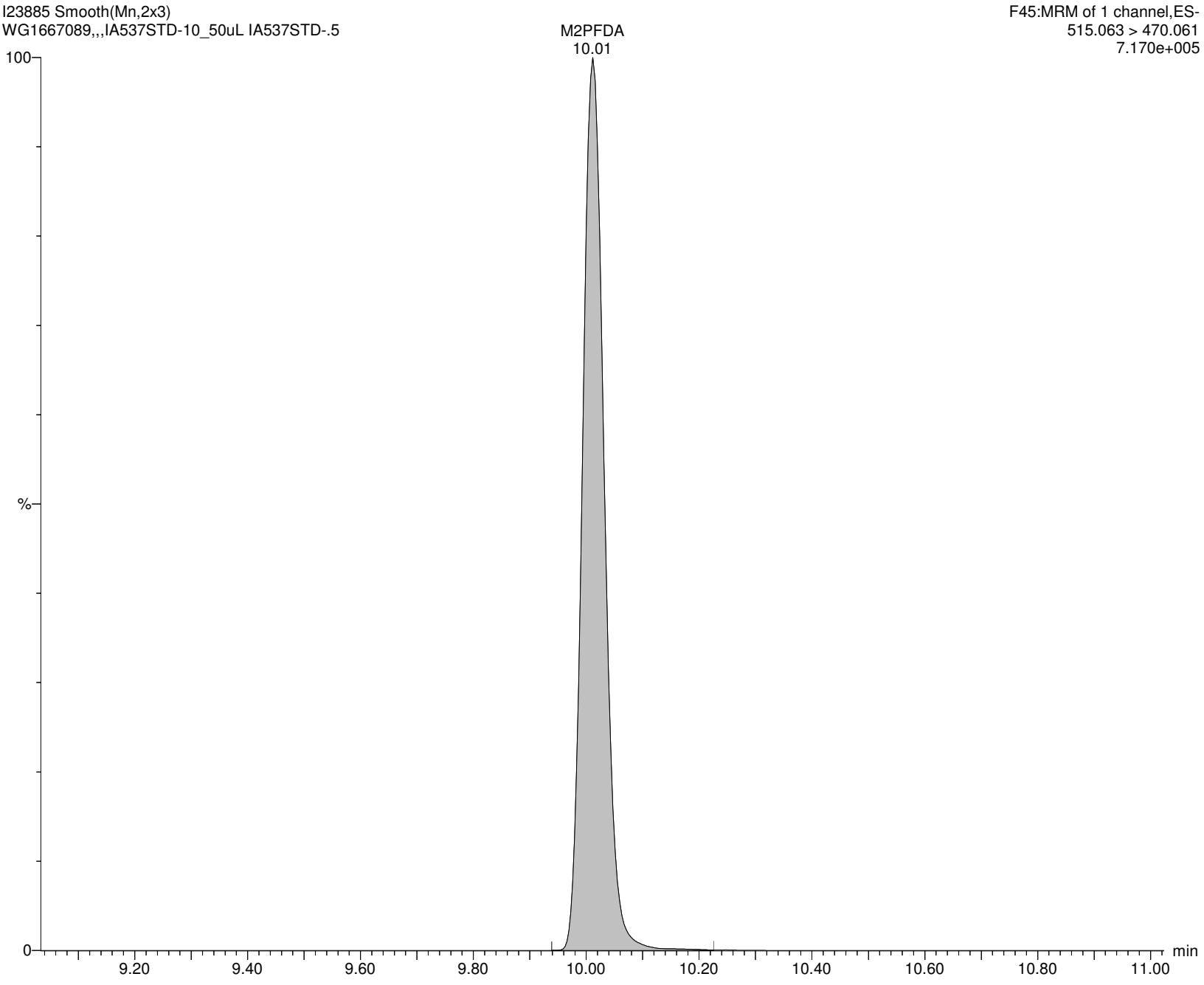


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2PFDA

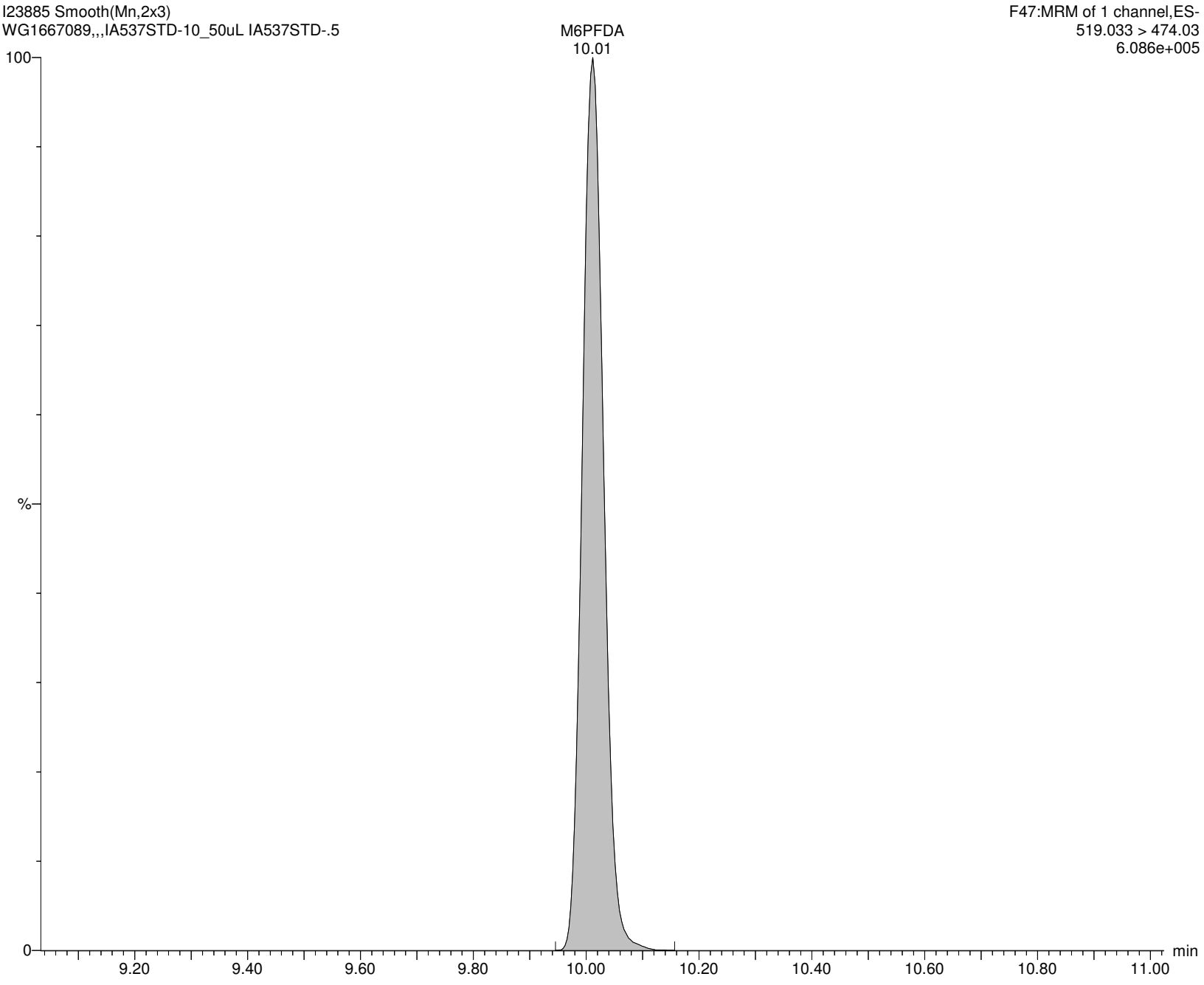


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M6PFDA

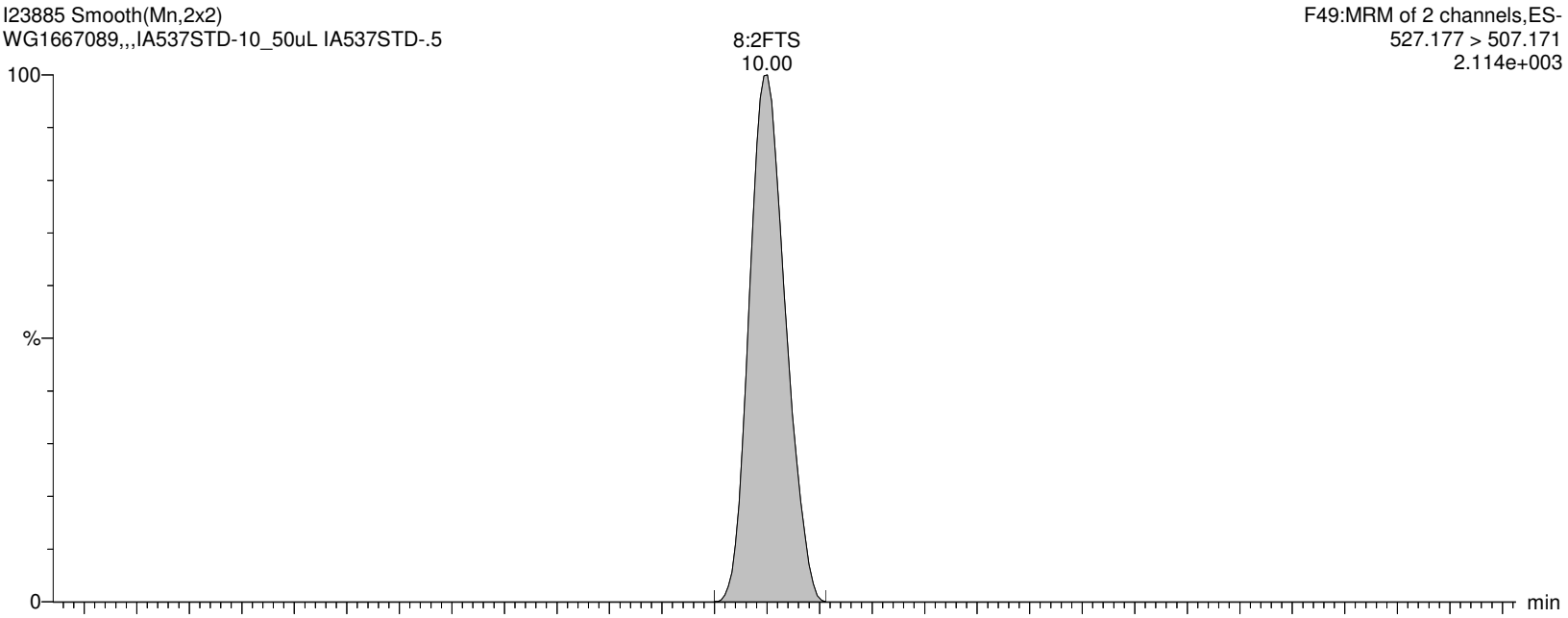


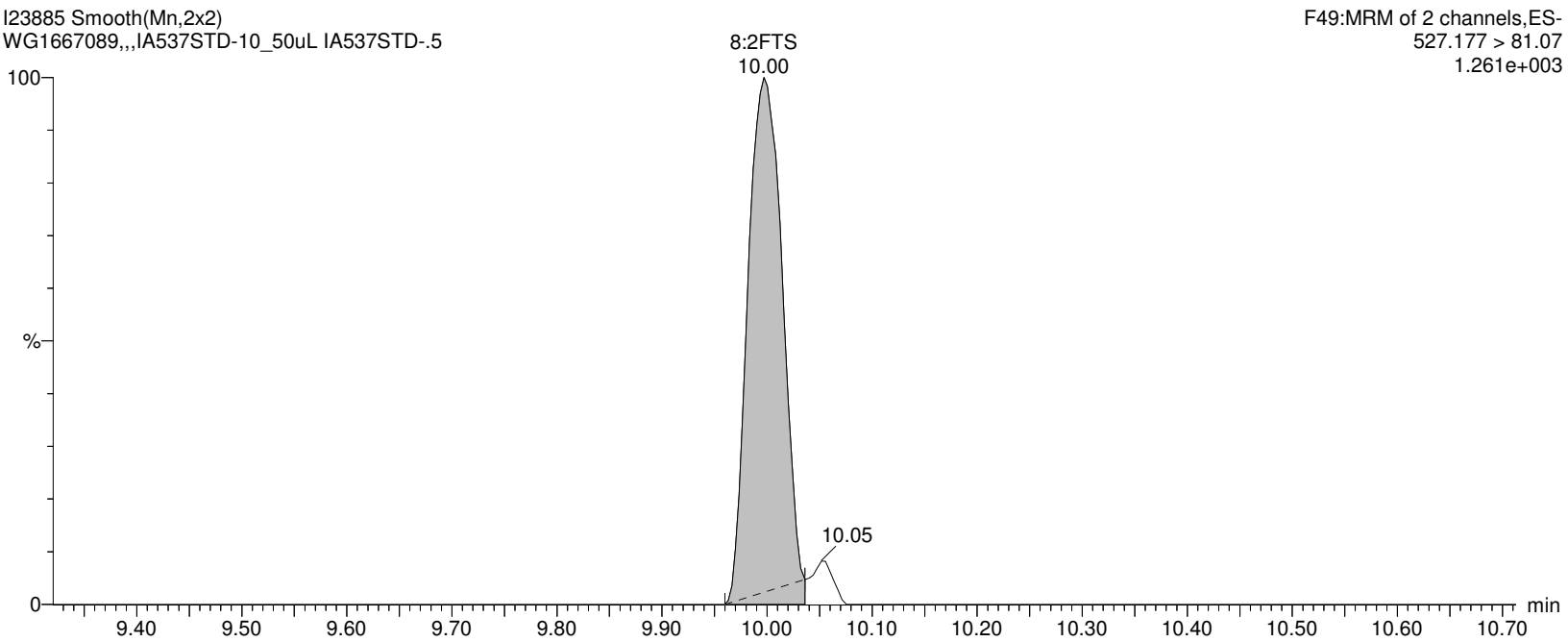
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

8:2FTS



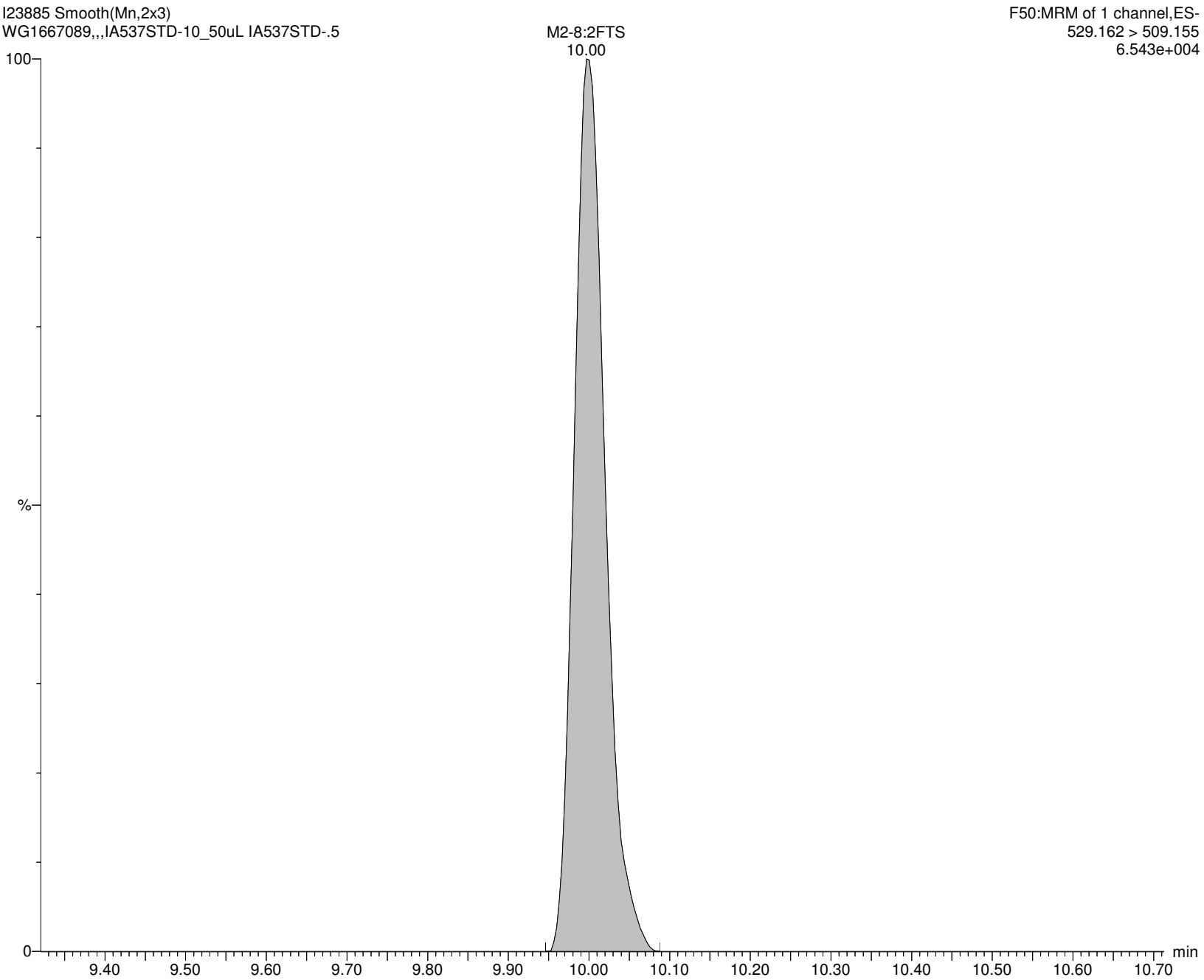


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2-8:2FTS

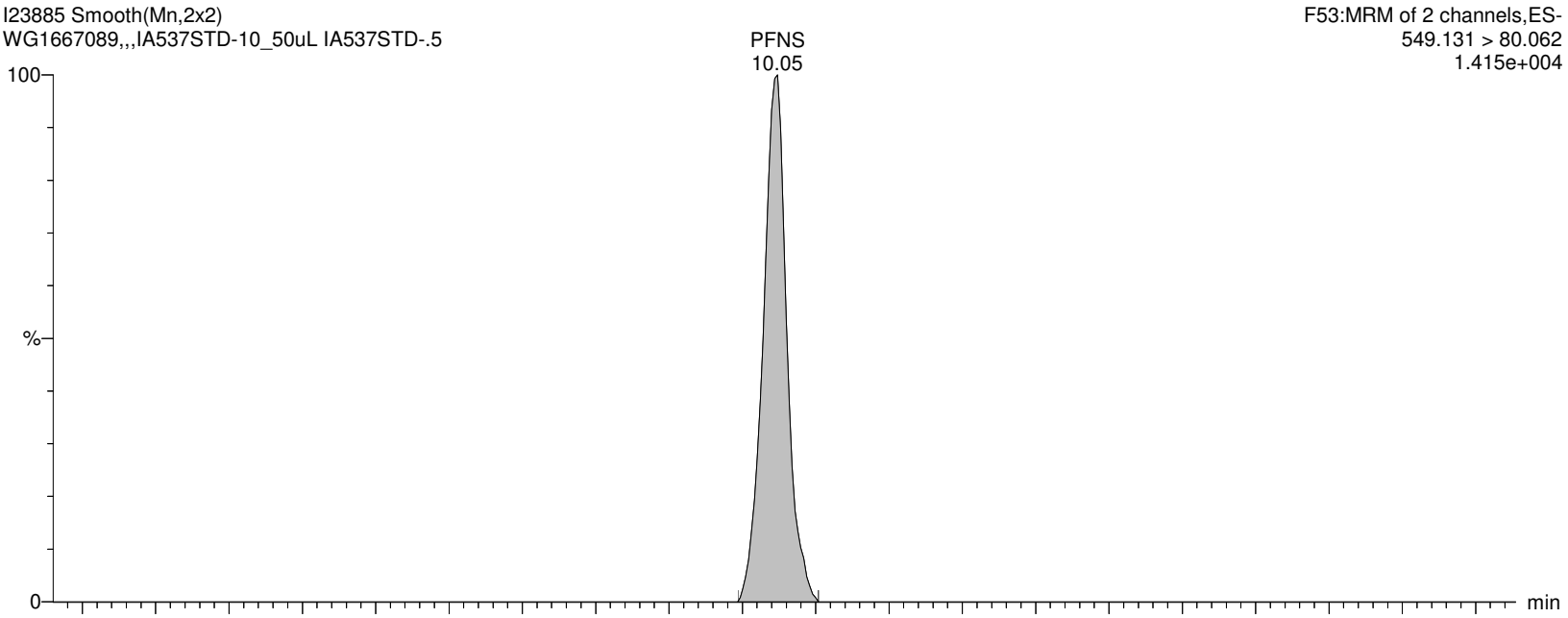


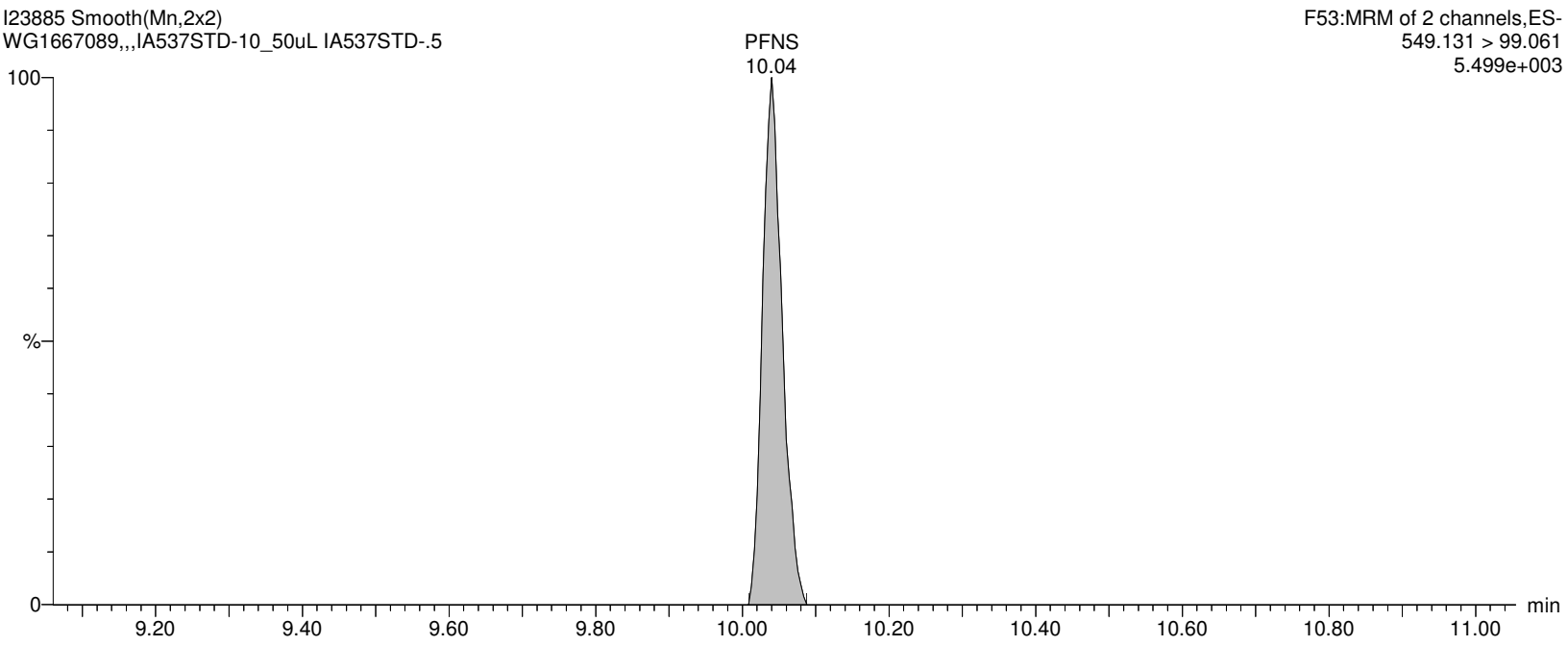
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFNS



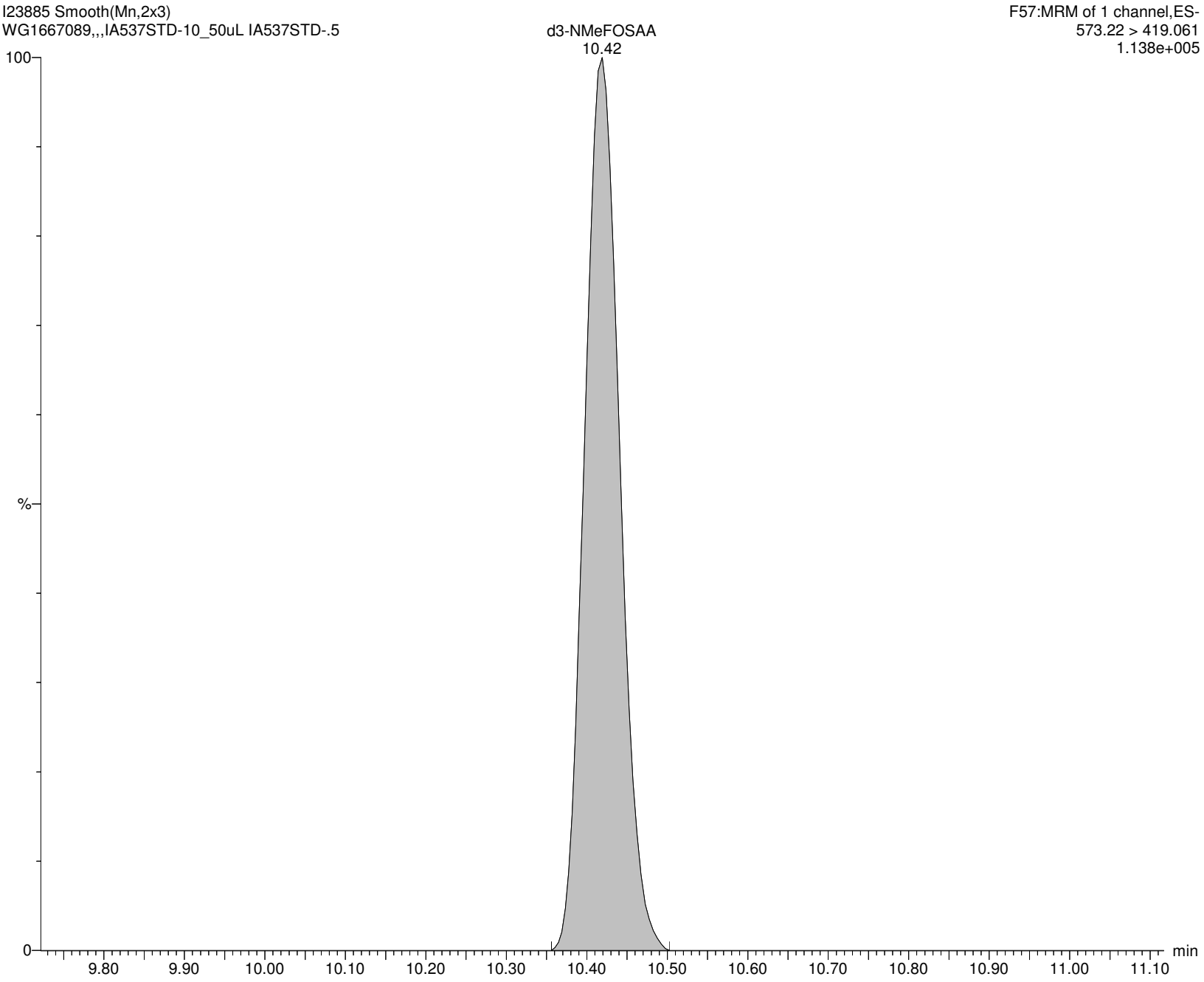


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

d3-NMeFOSAA

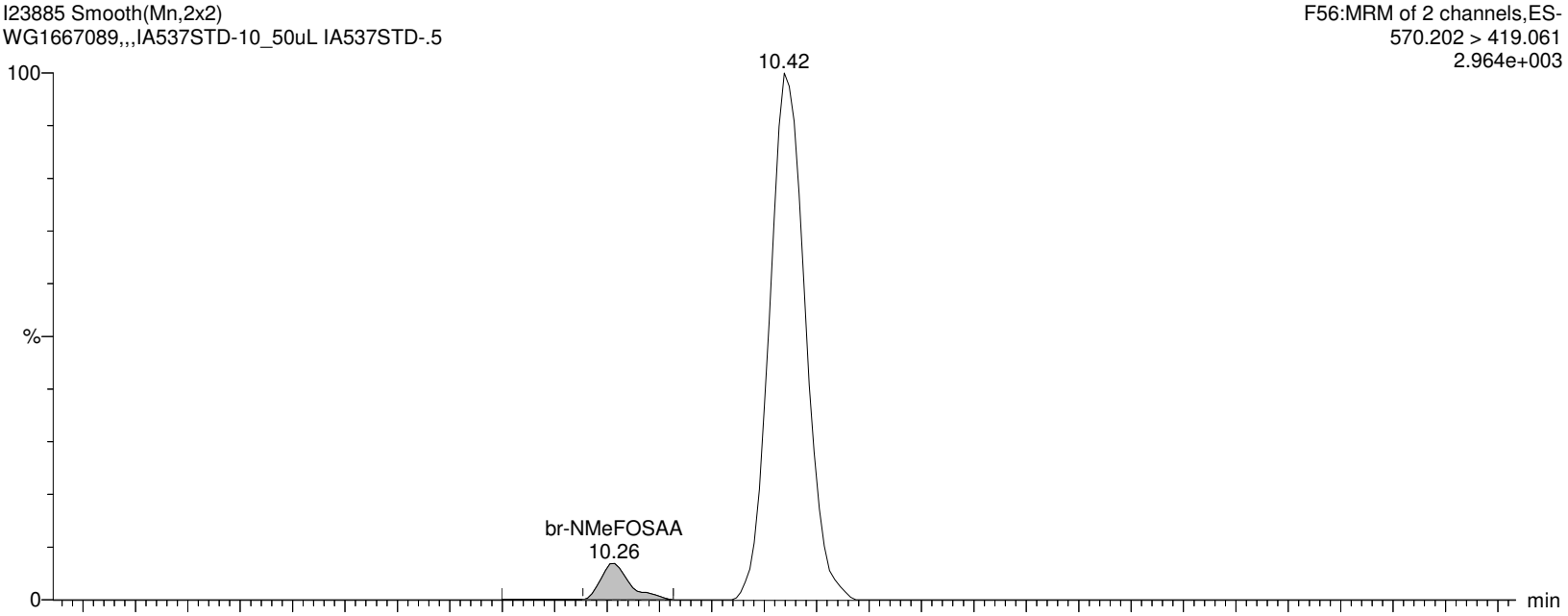


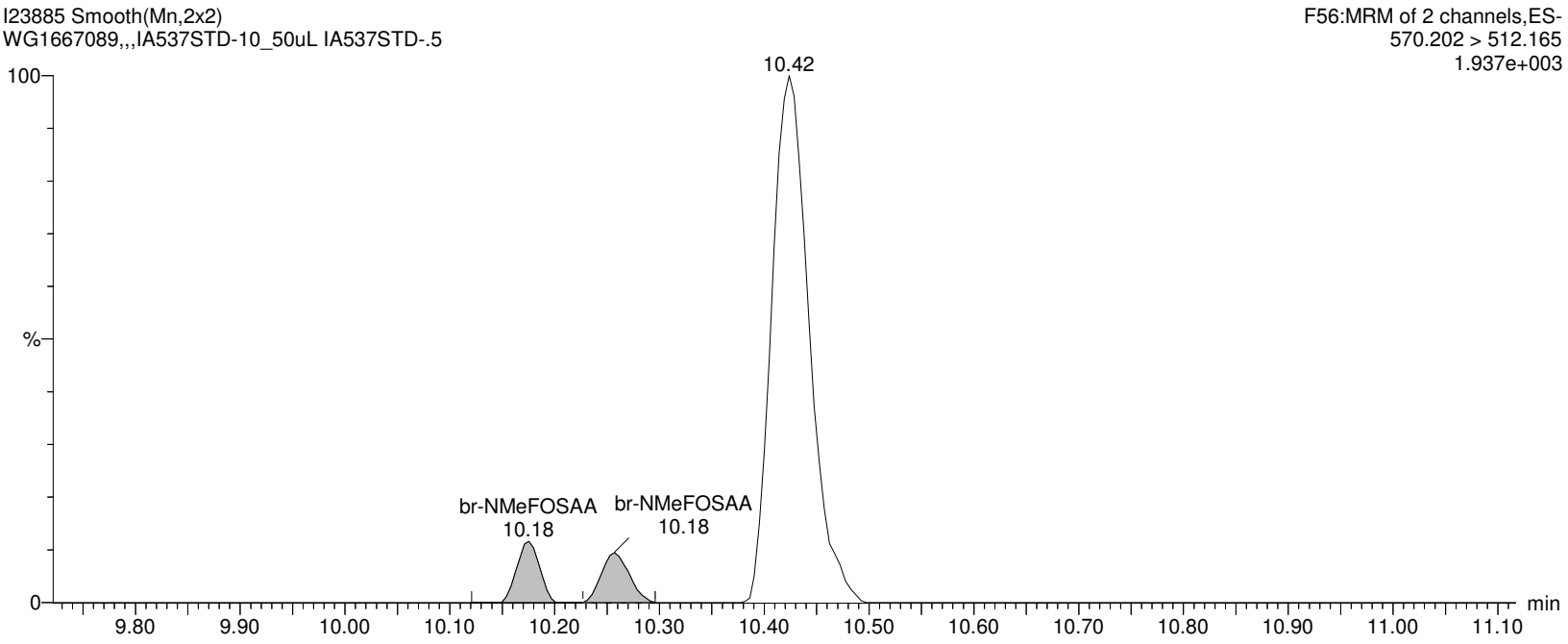
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

br-NMeFOSAA



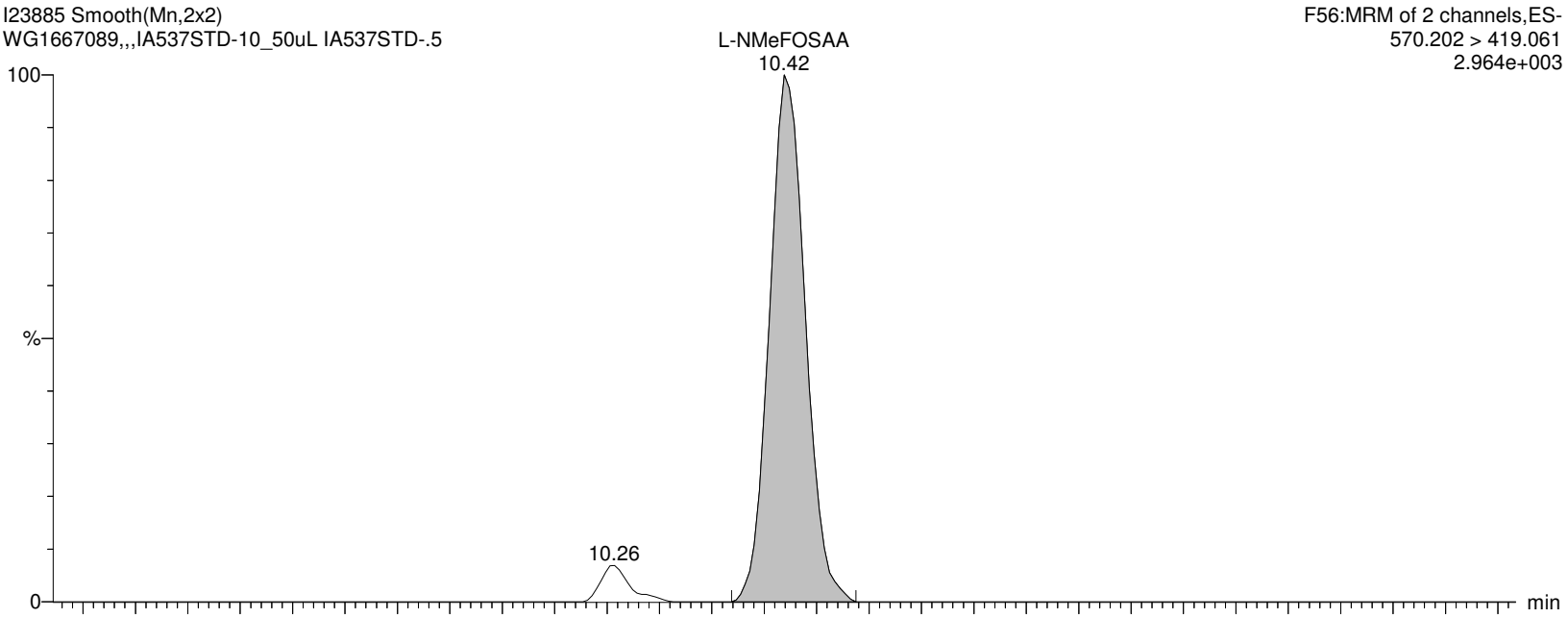


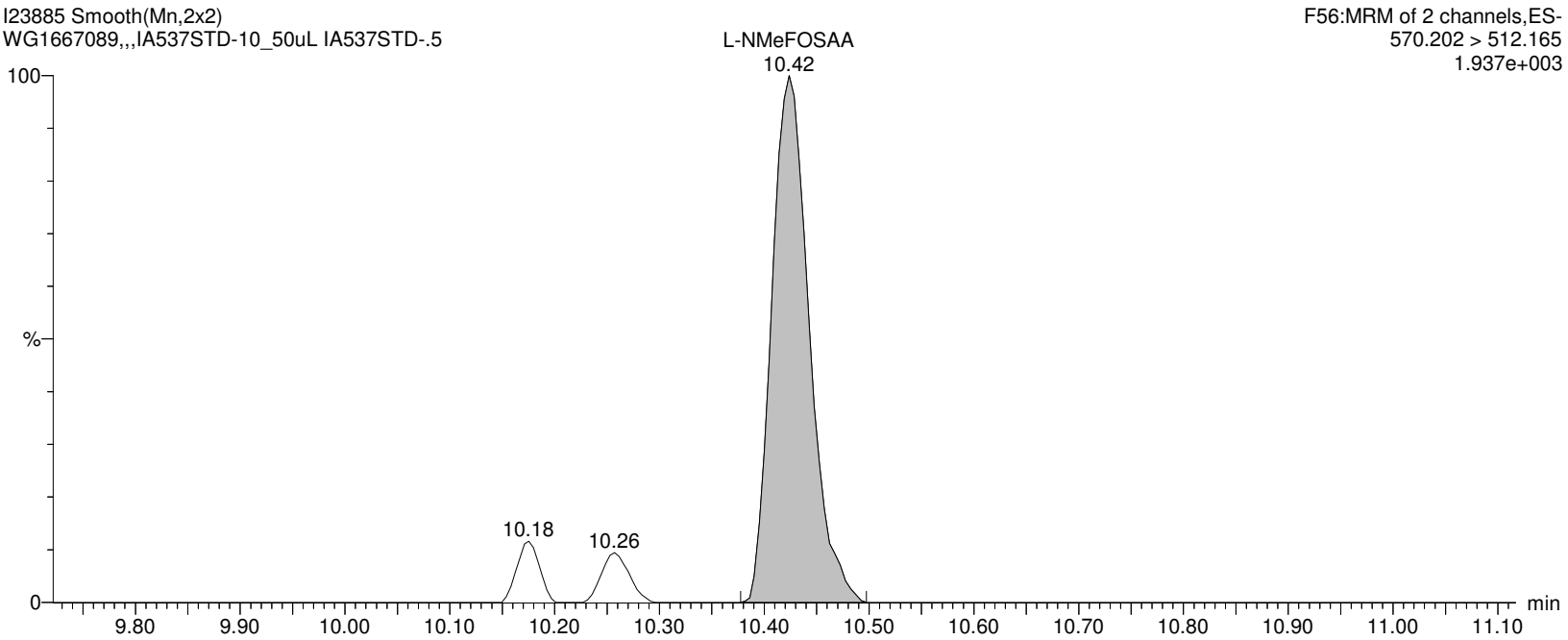
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

L-NMeFOSAA



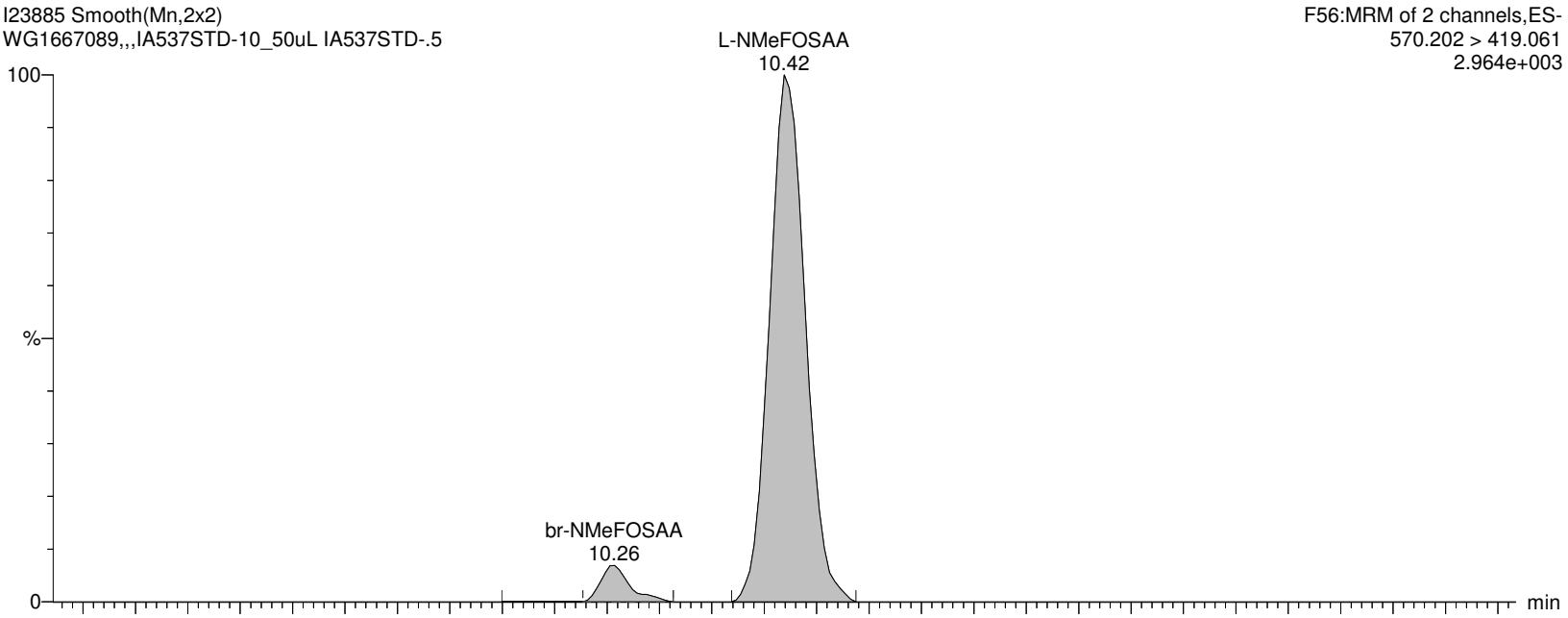


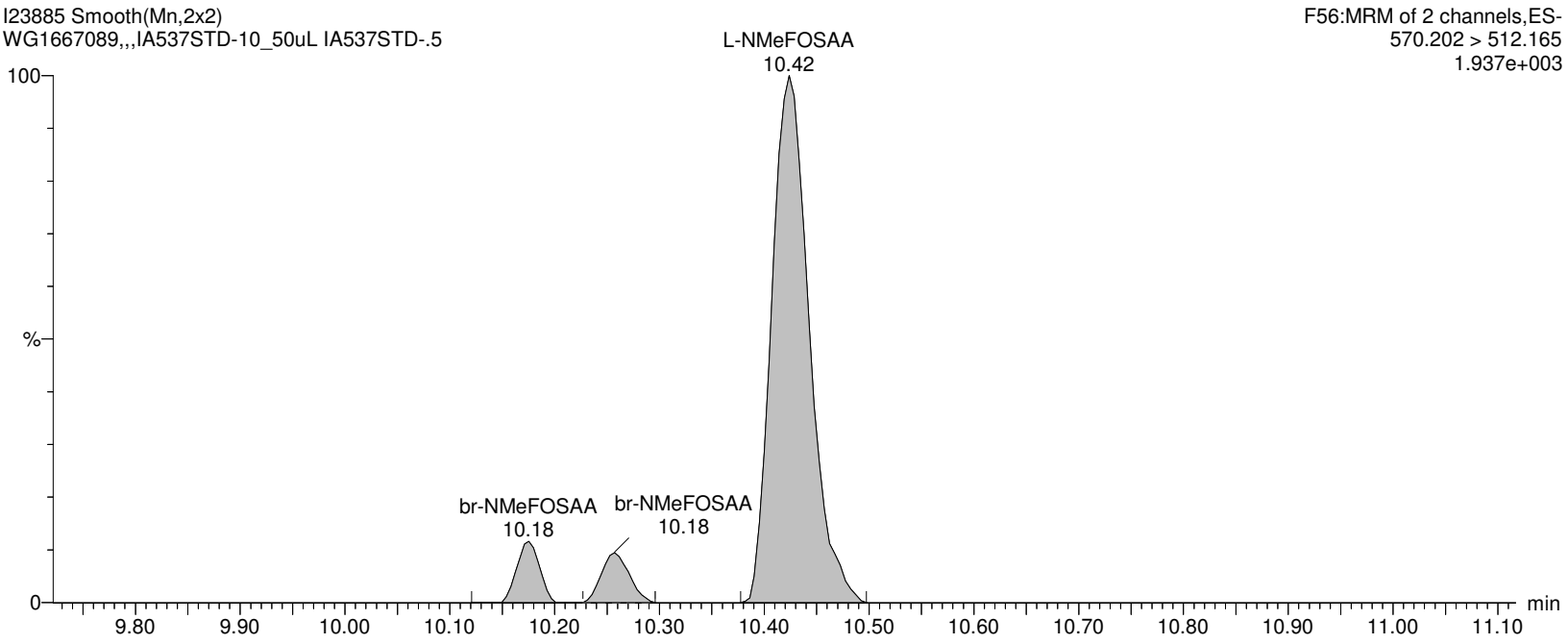
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NMeFOSAA



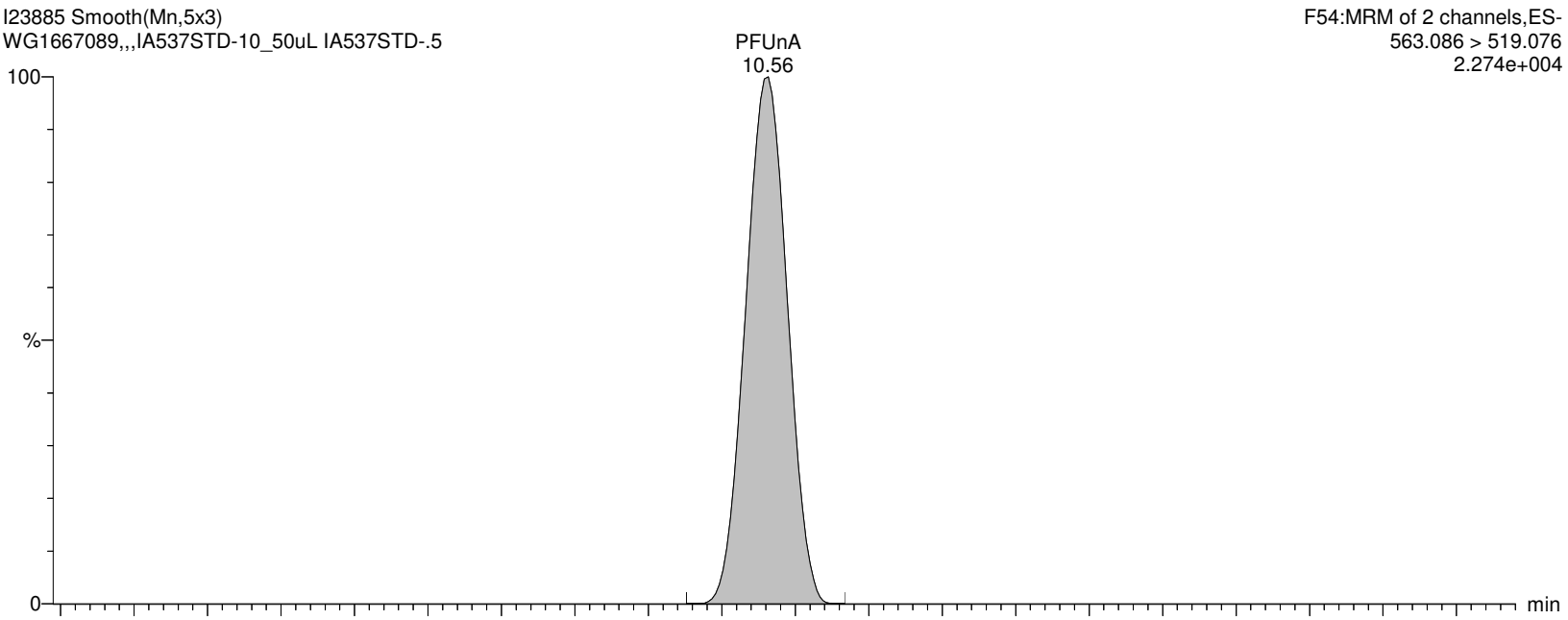


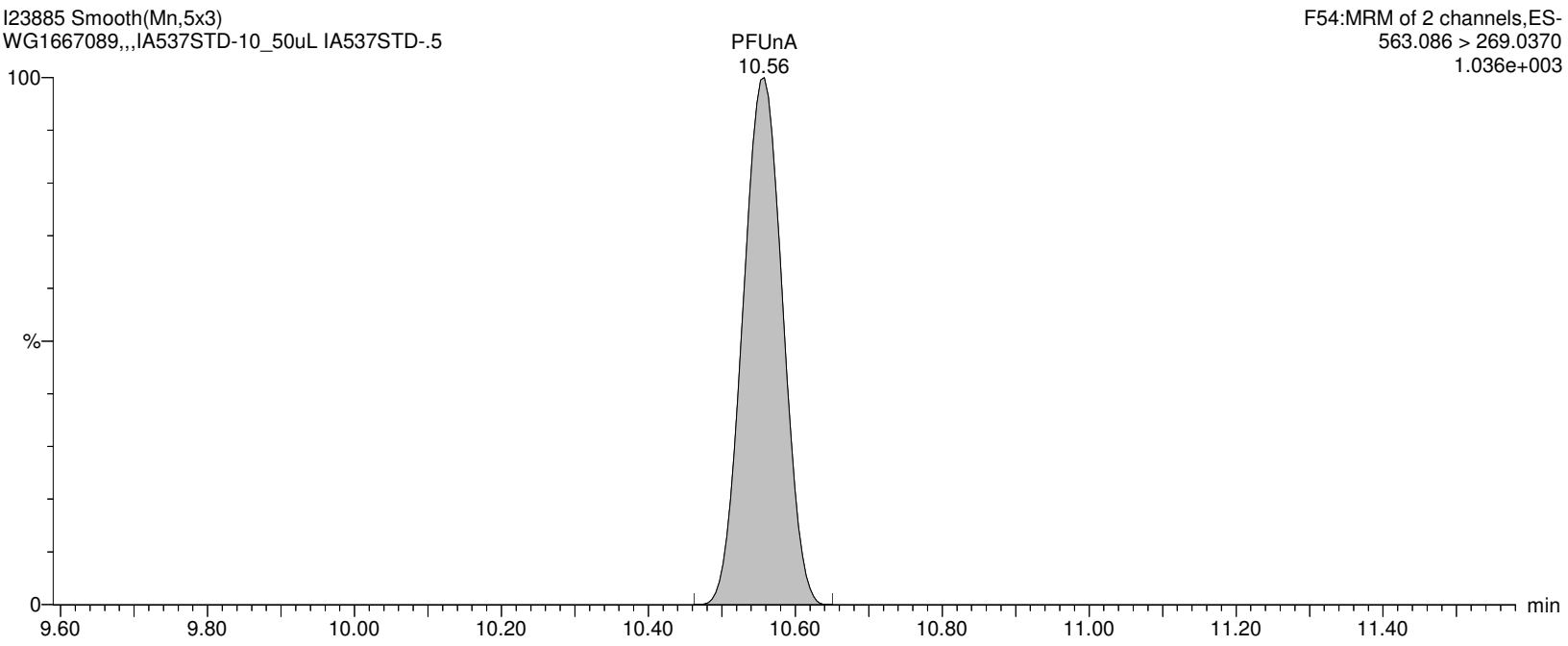
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFUnA



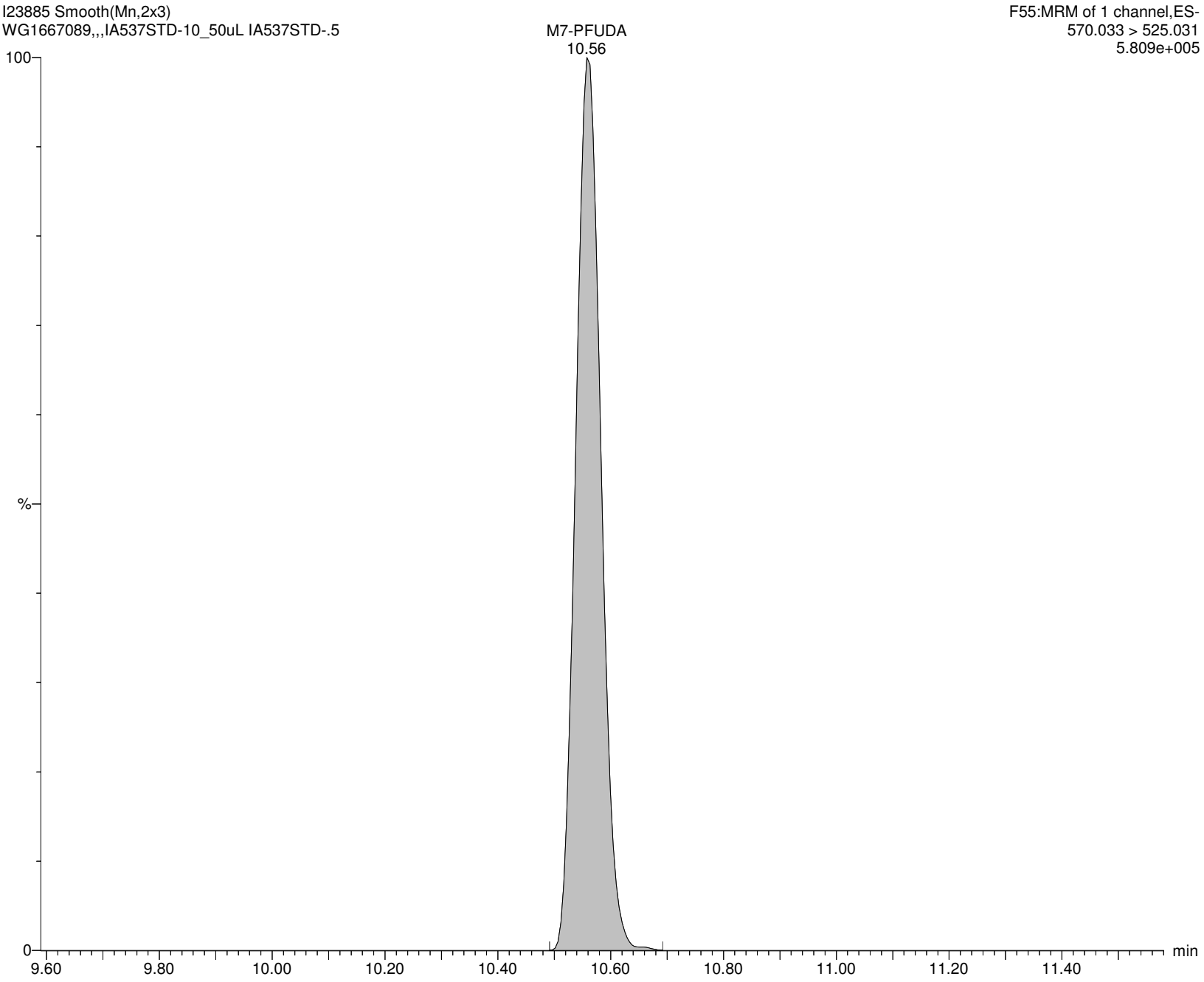


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M7-PFUDA

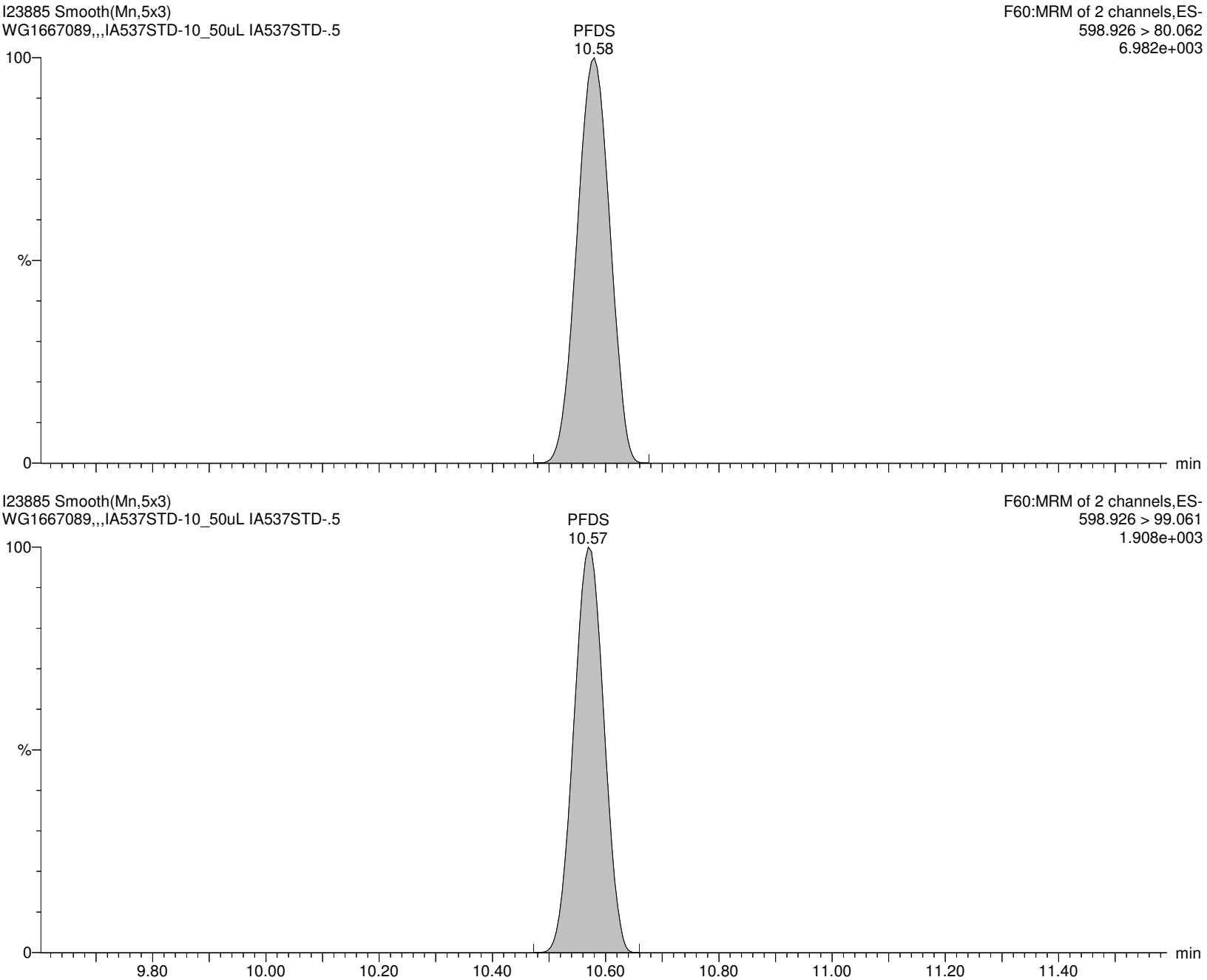


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFDS

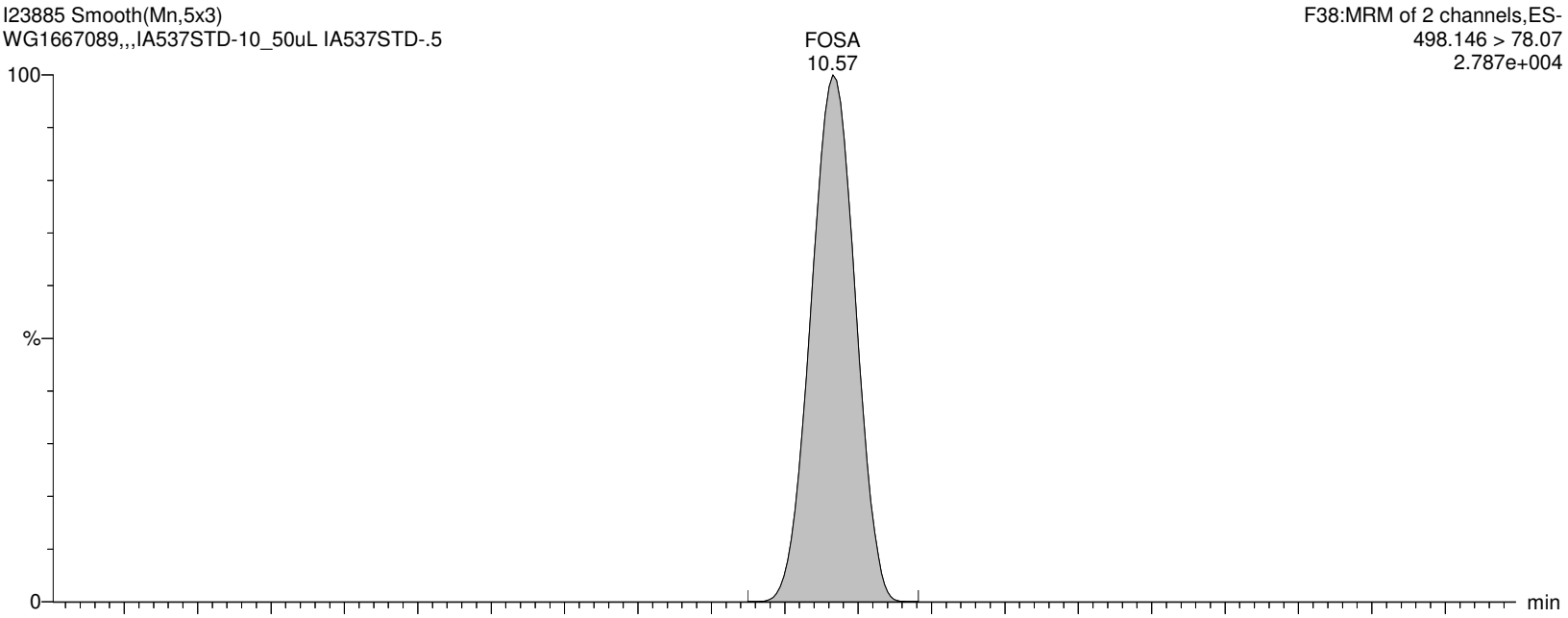


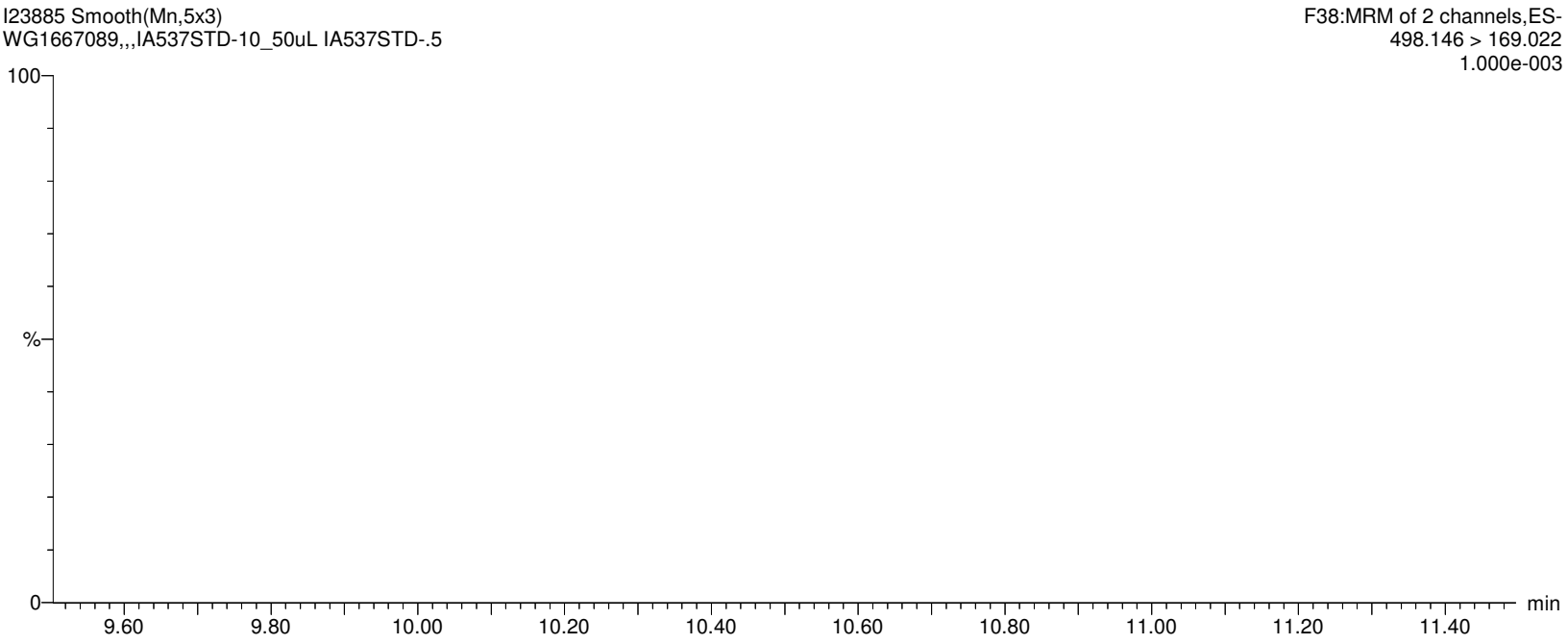
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

FOSA



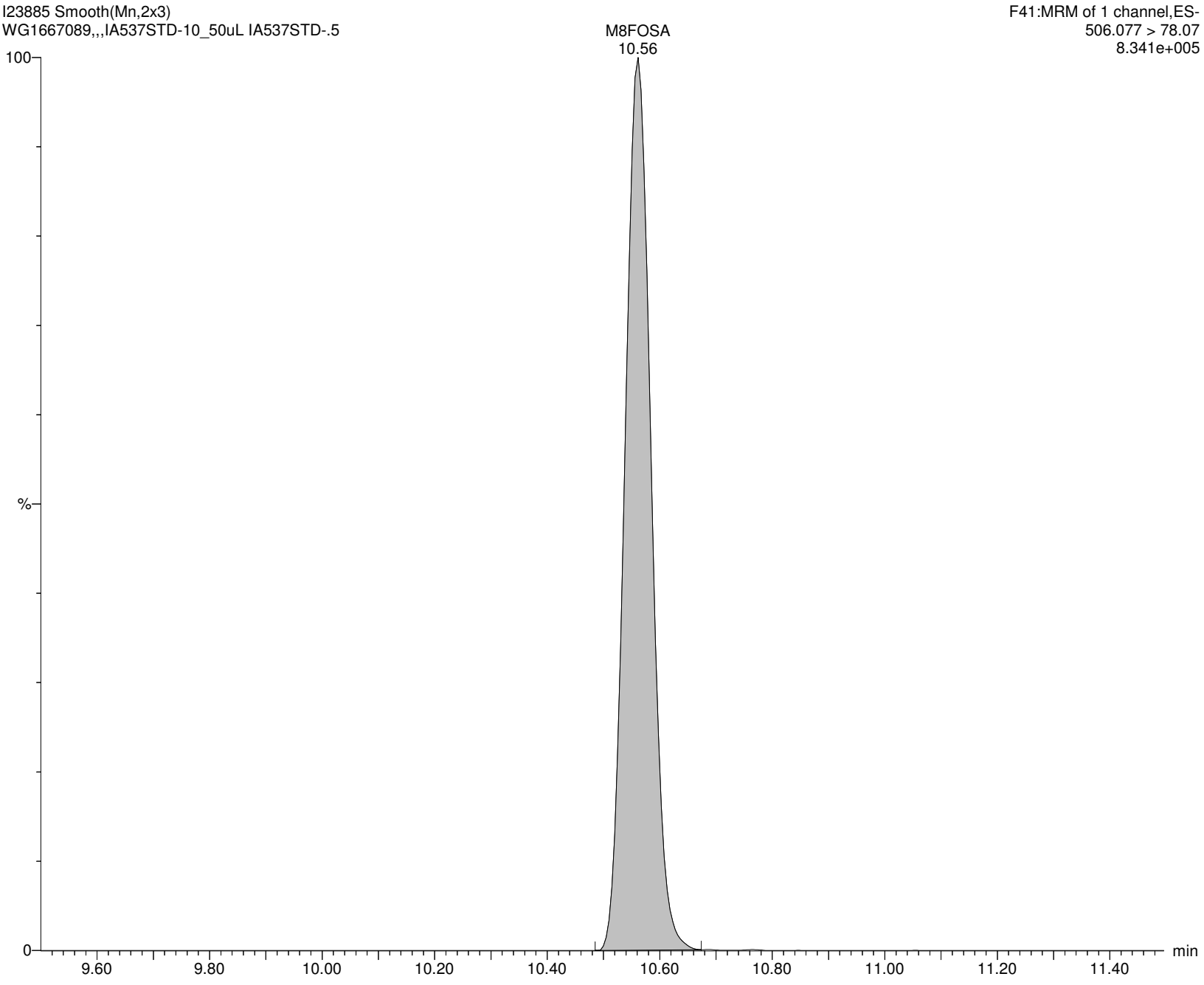


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M8FOSA

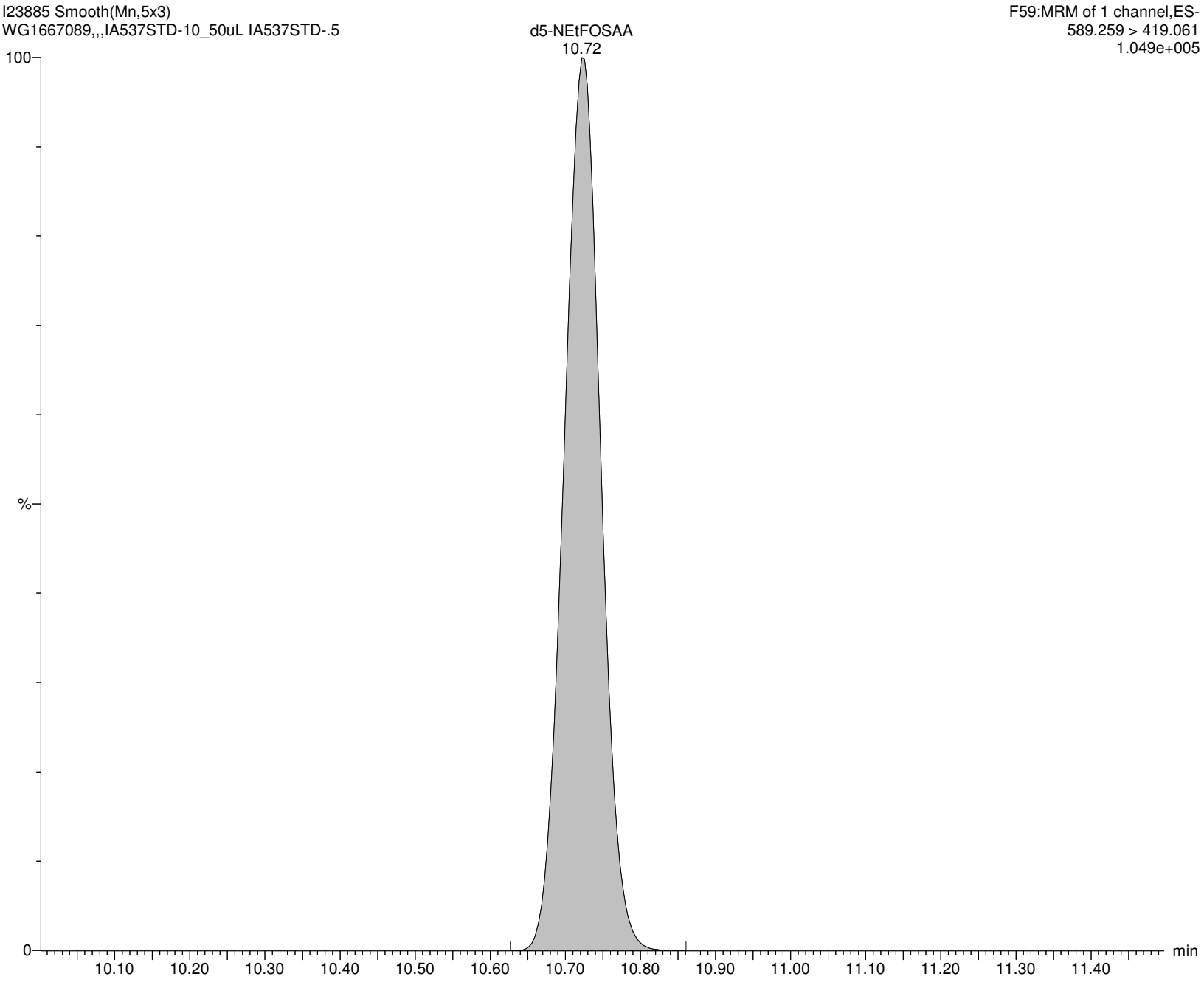


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

d5-NEtFOSAA

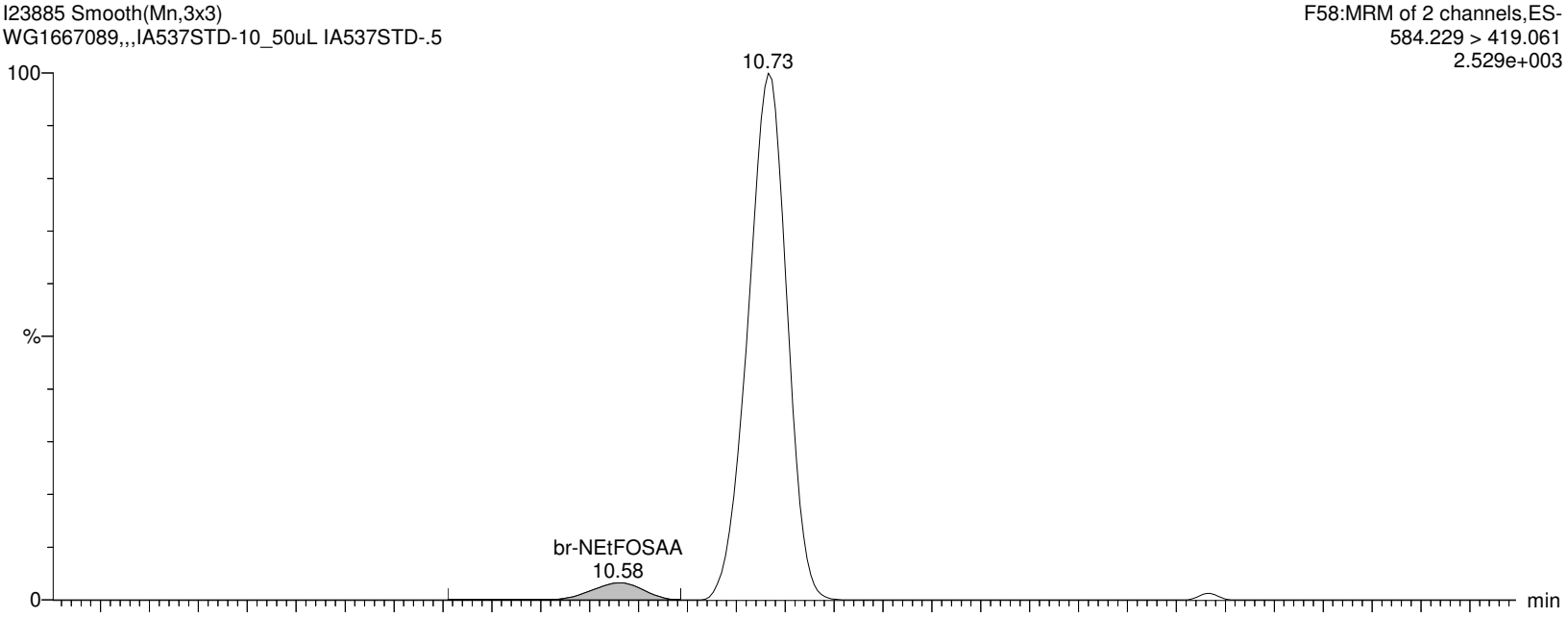


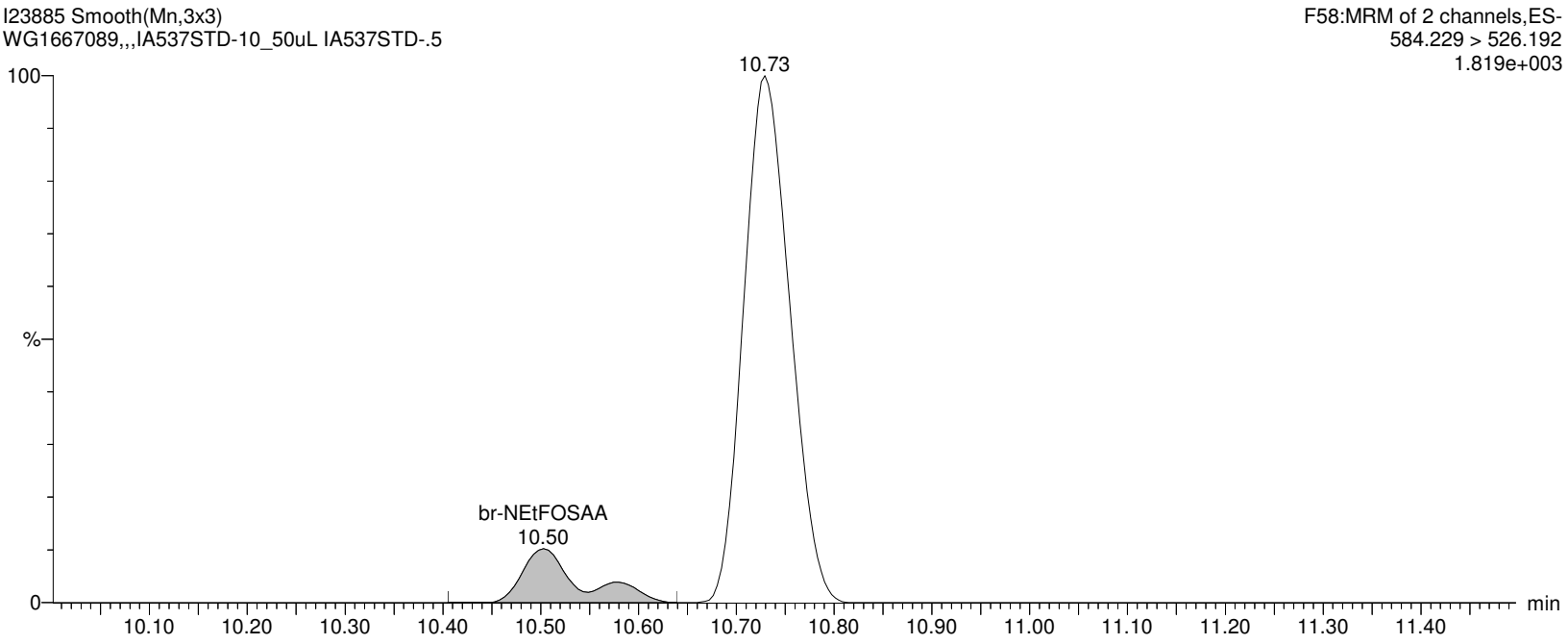
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

br-NEtFOSAA



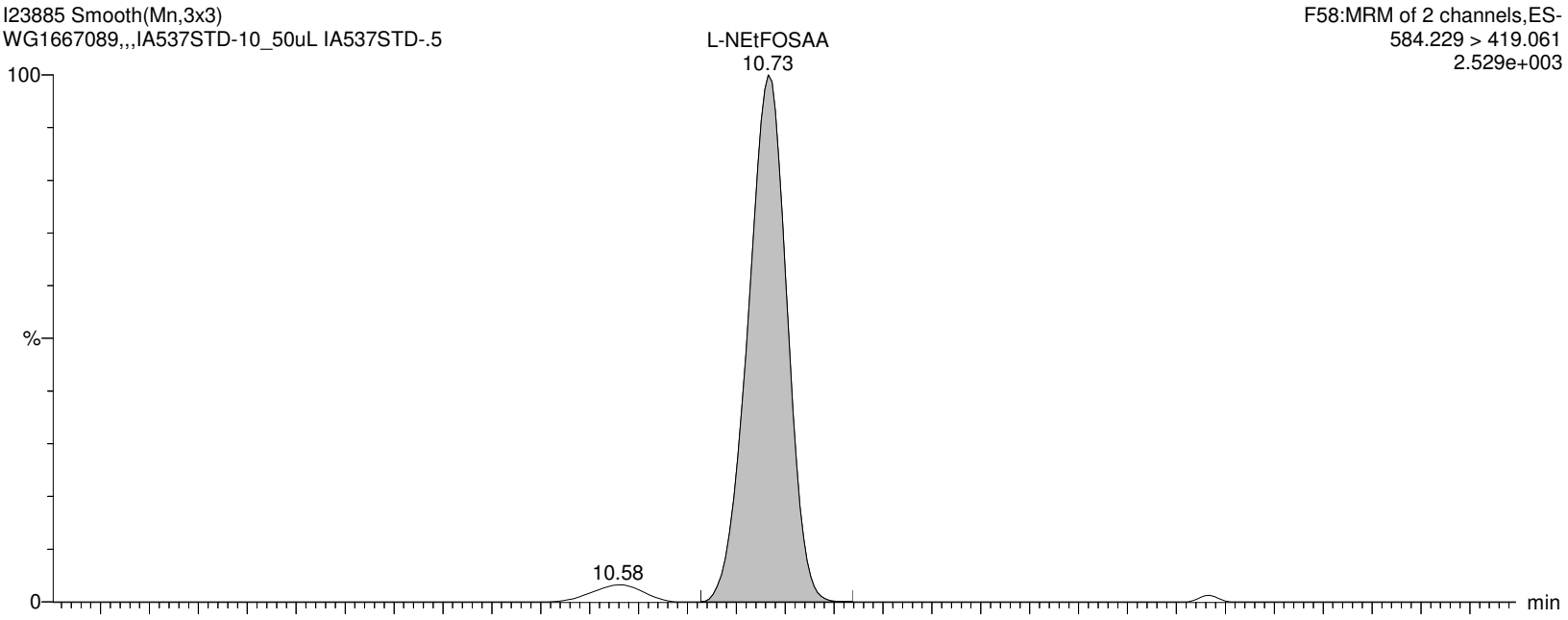


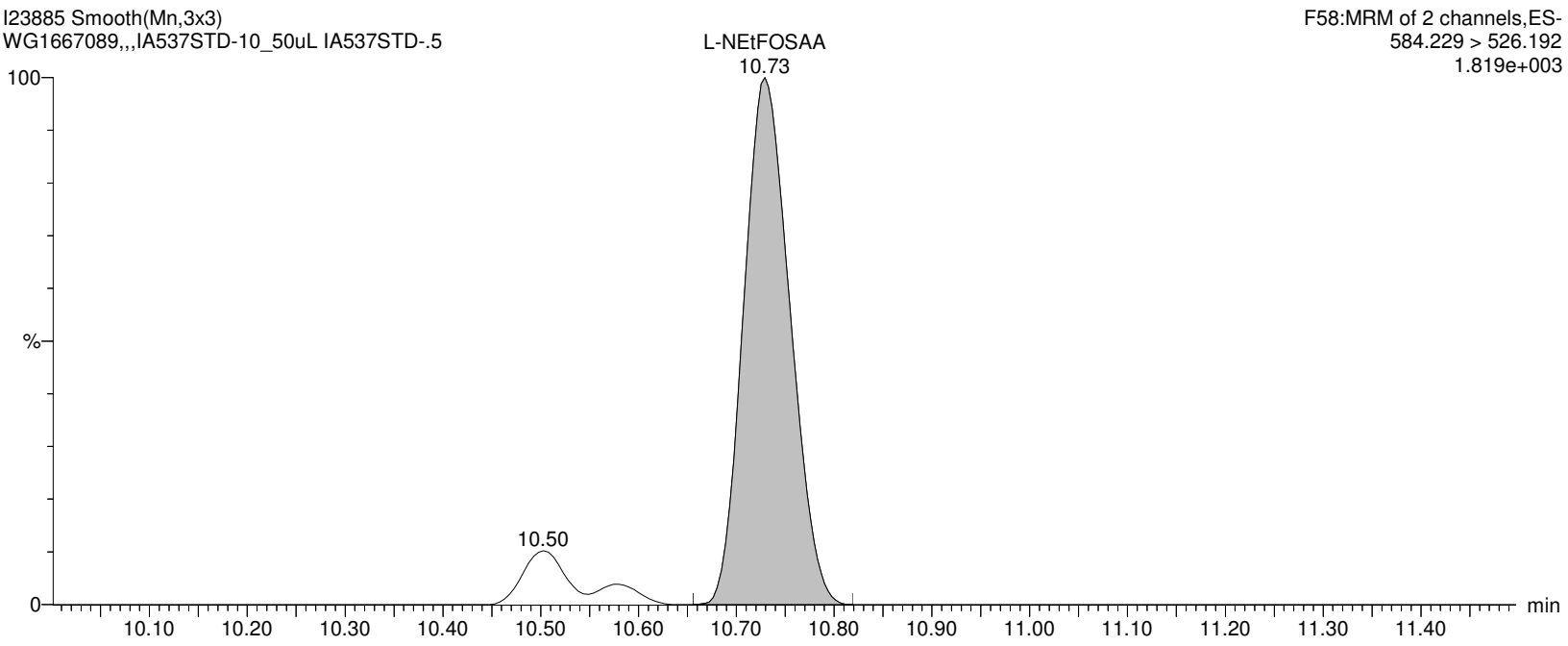
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

L-NEtFOSAA



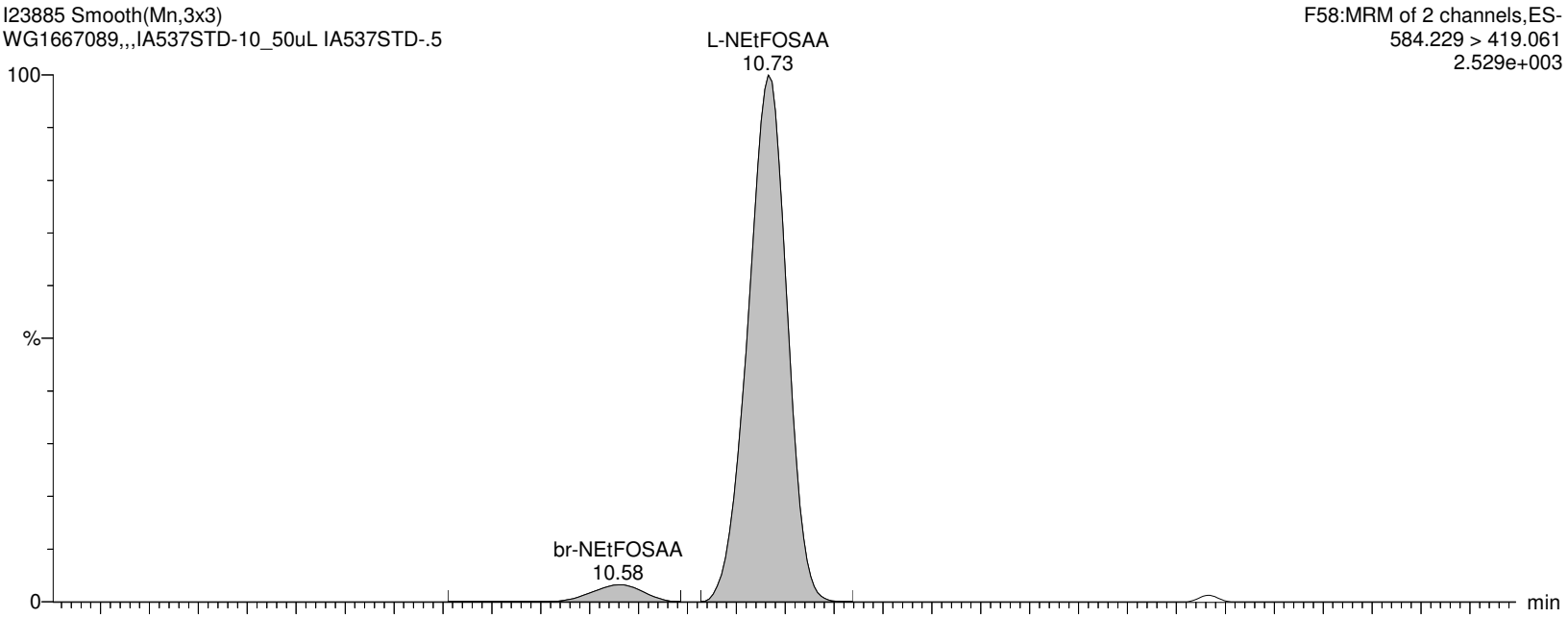


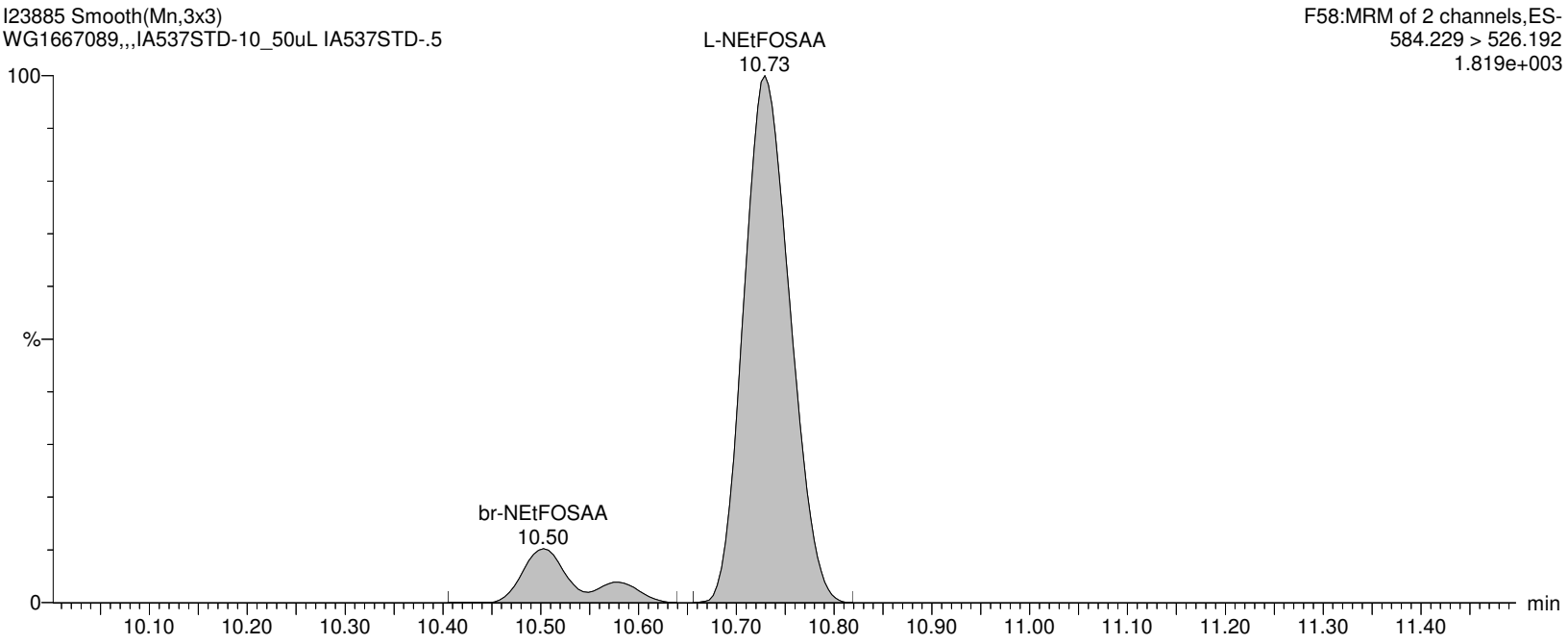
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NEtFOSAA



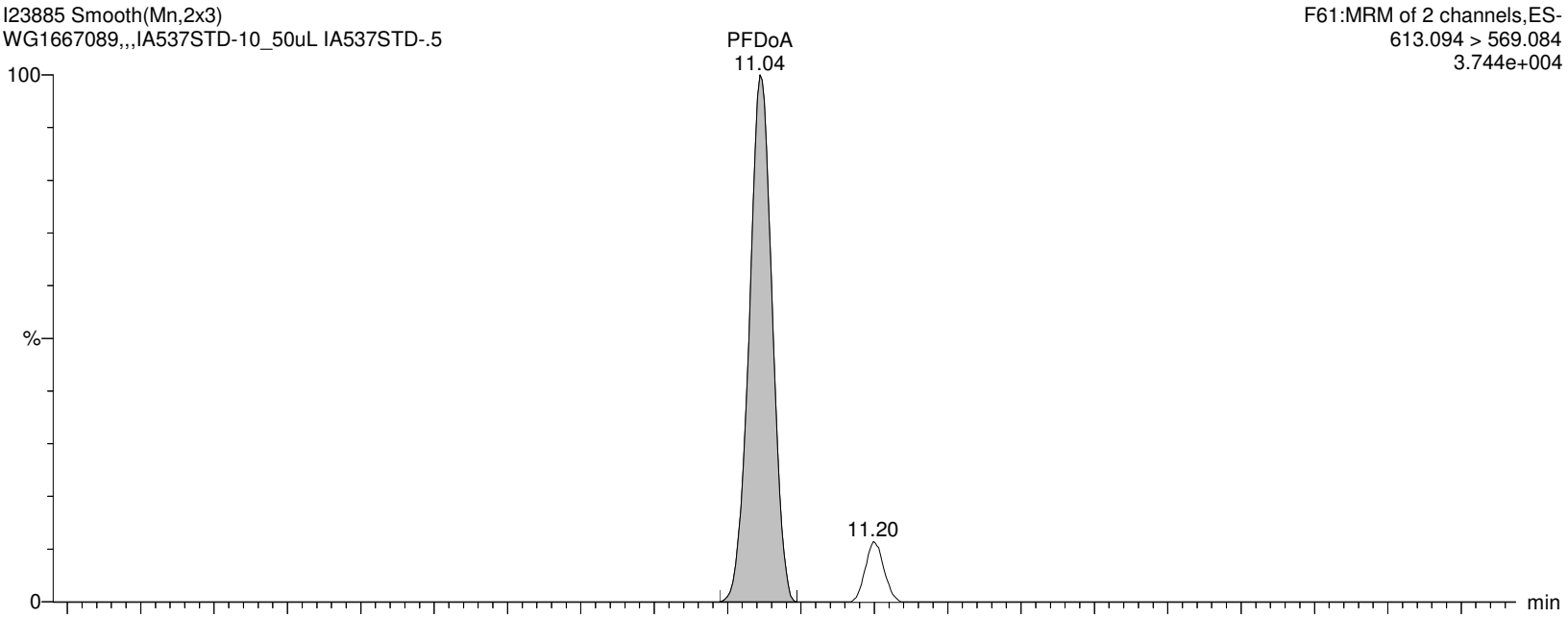


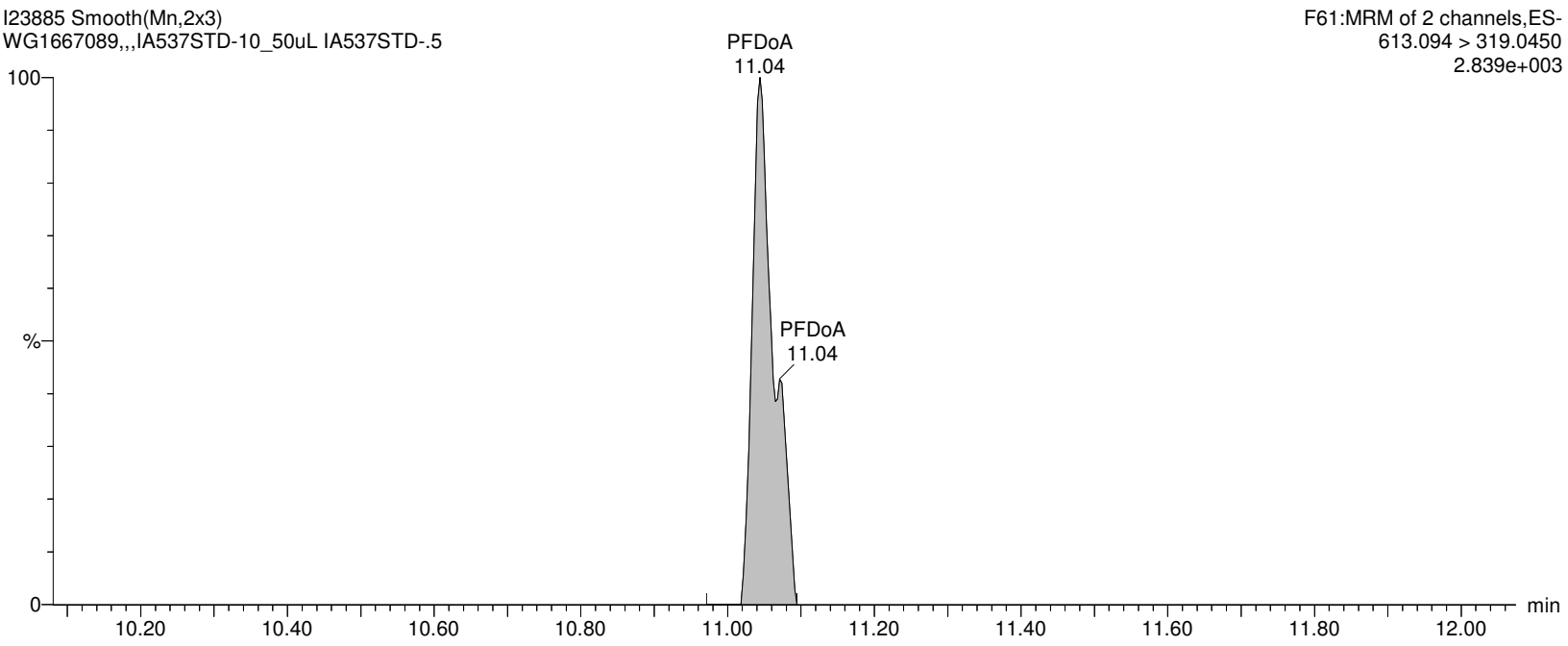
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFDoA



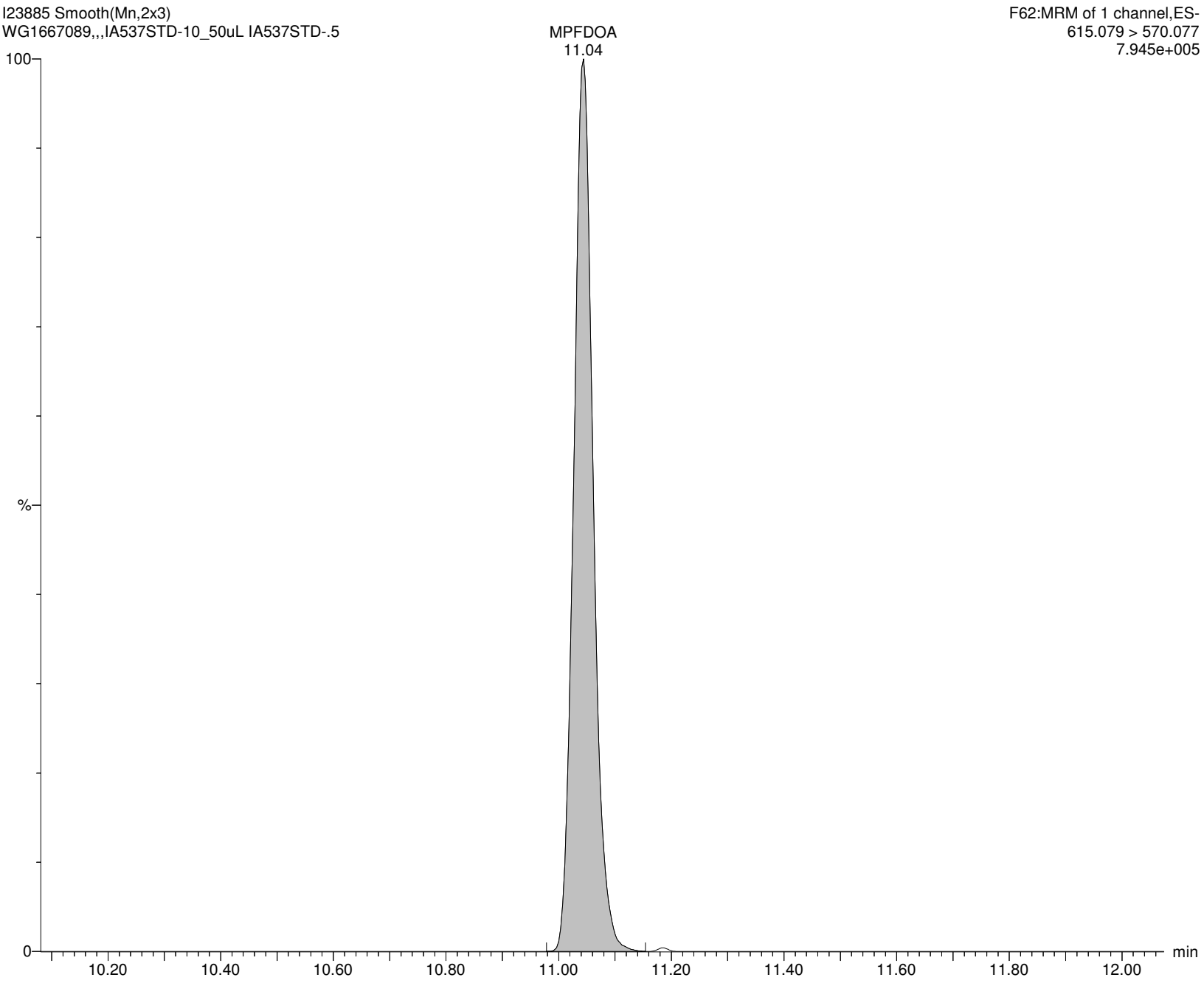


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

MPFDOA

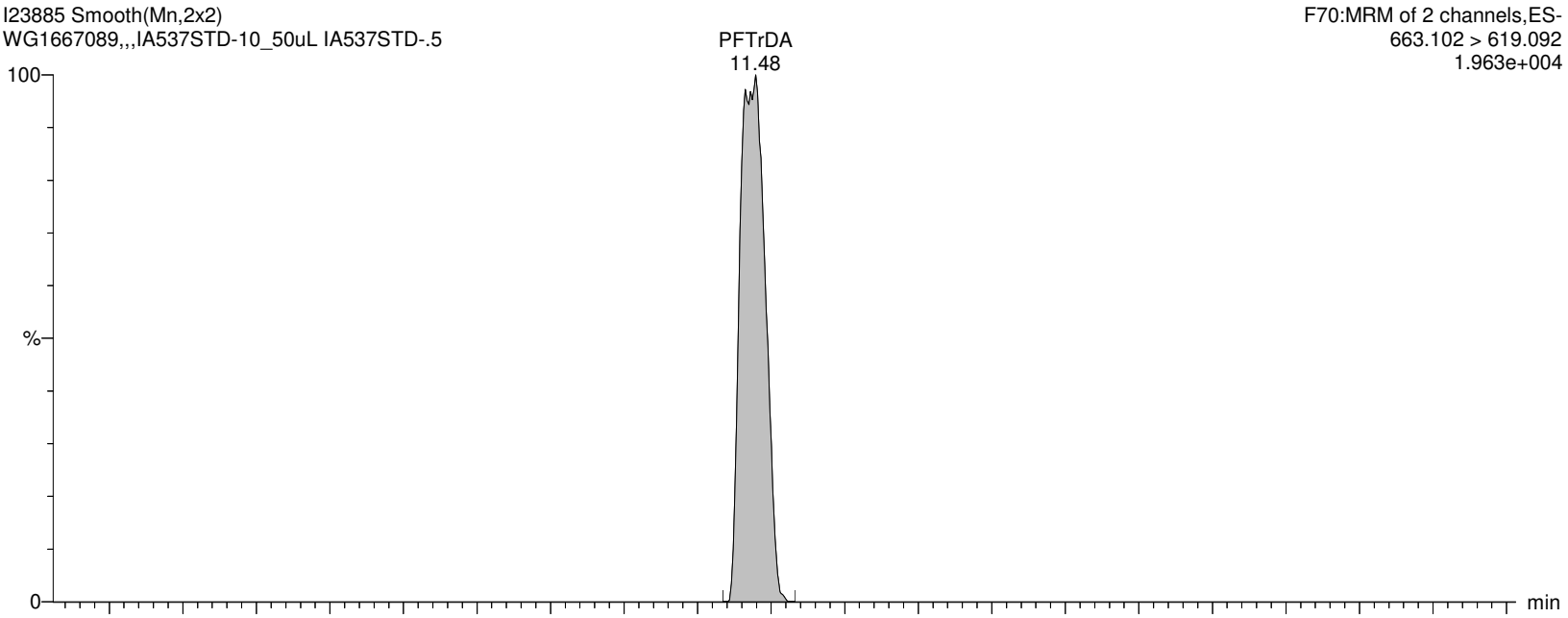


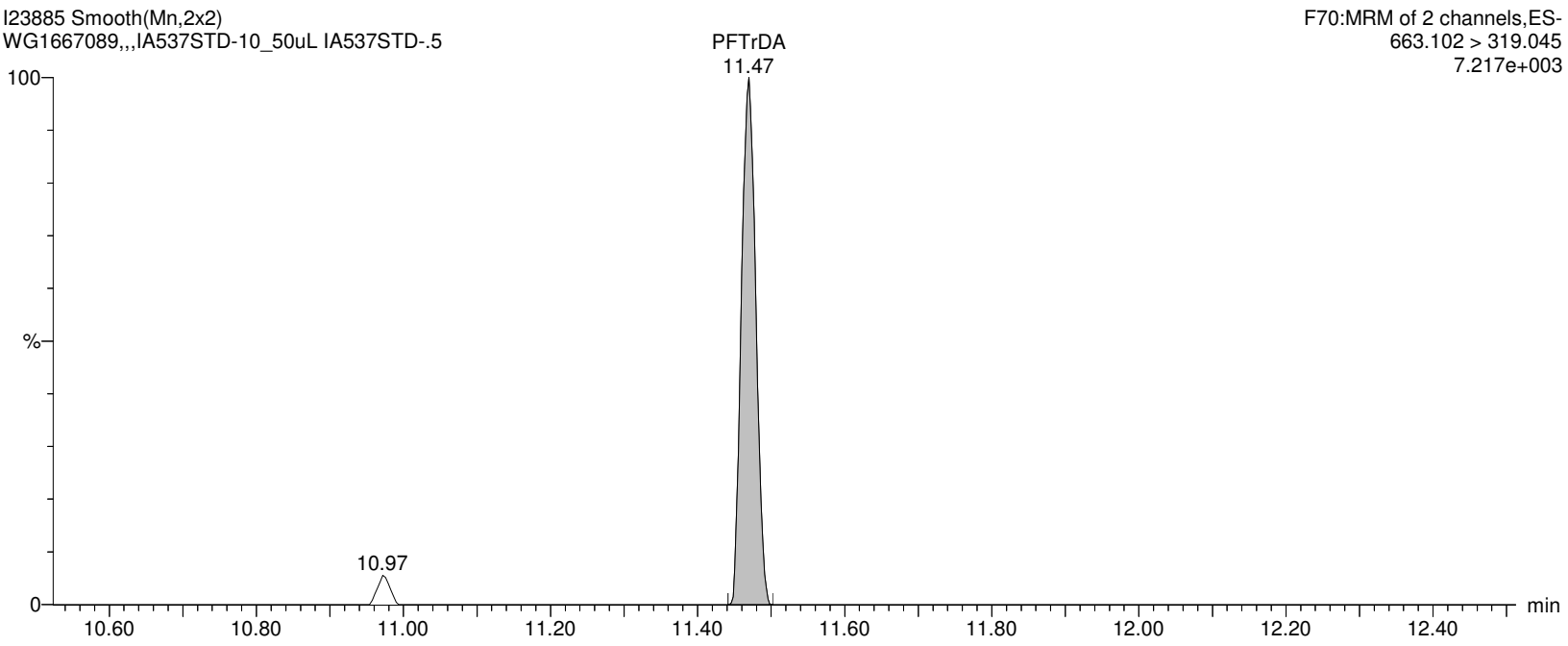
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFTrDA



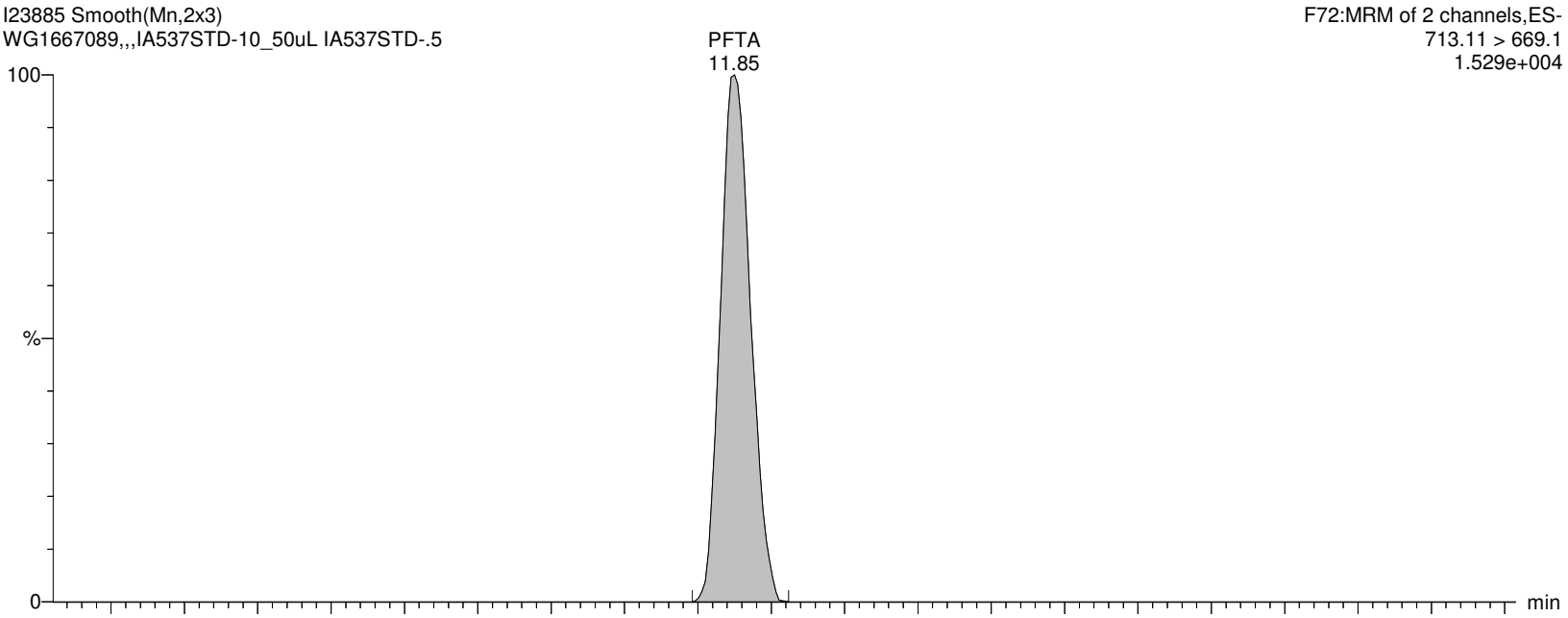


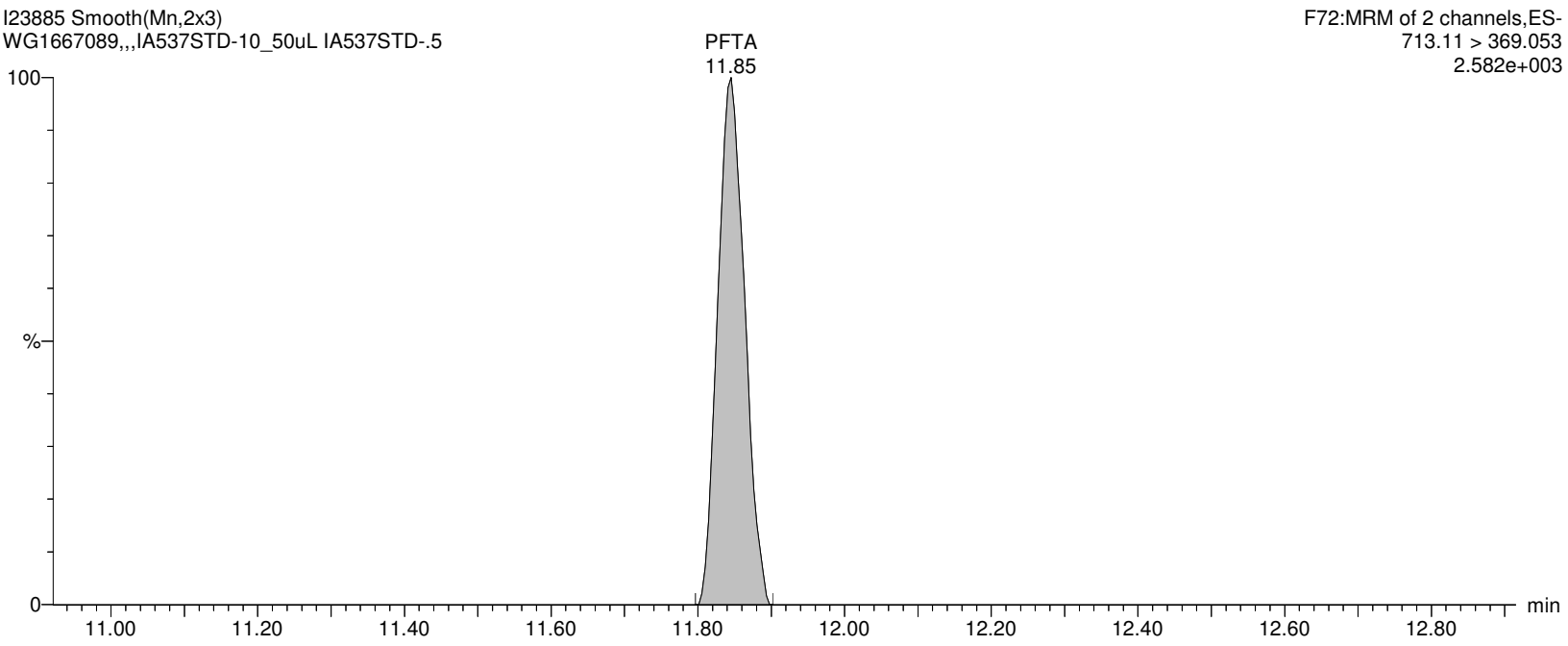
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFTA



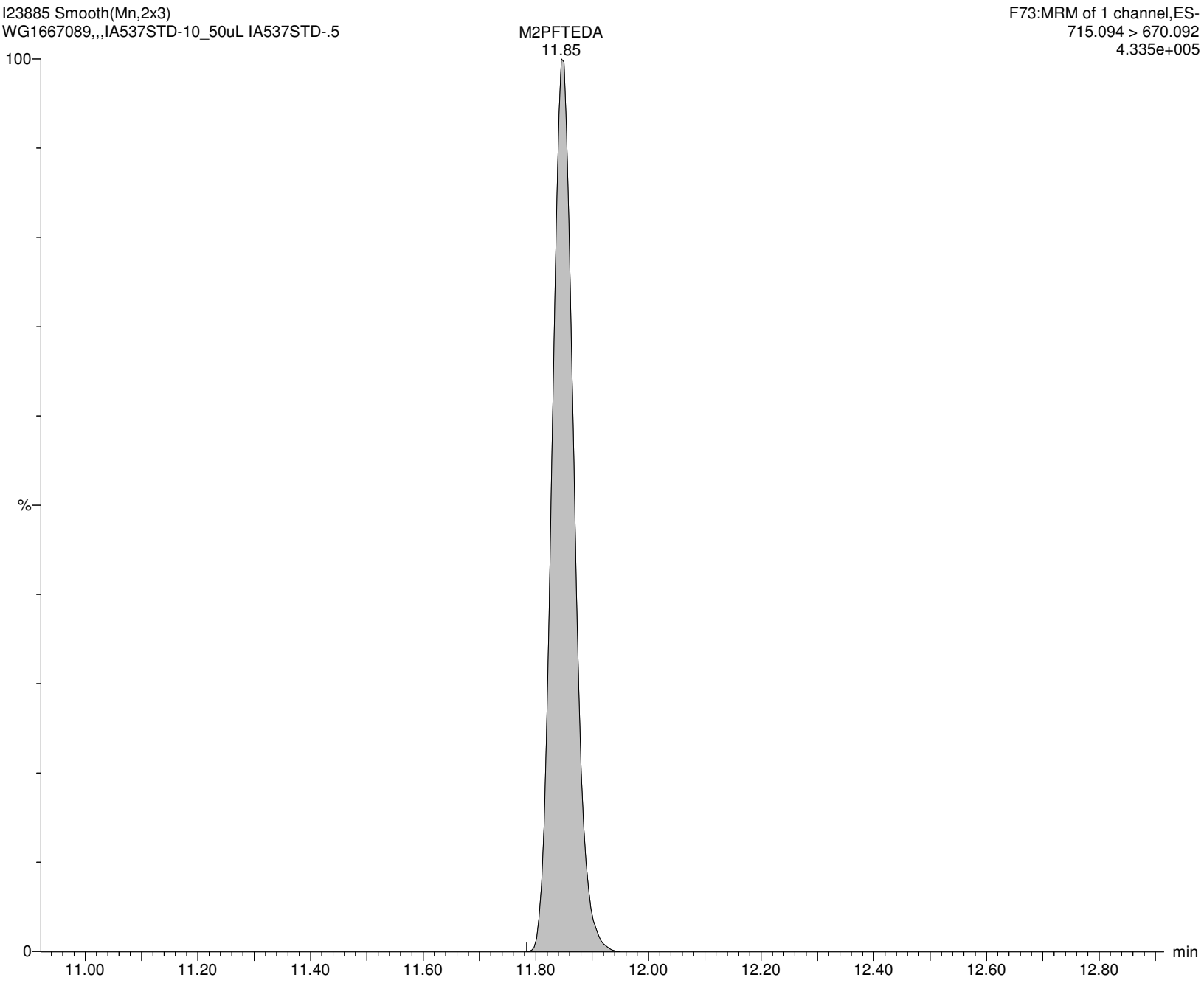


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2PFTEDA

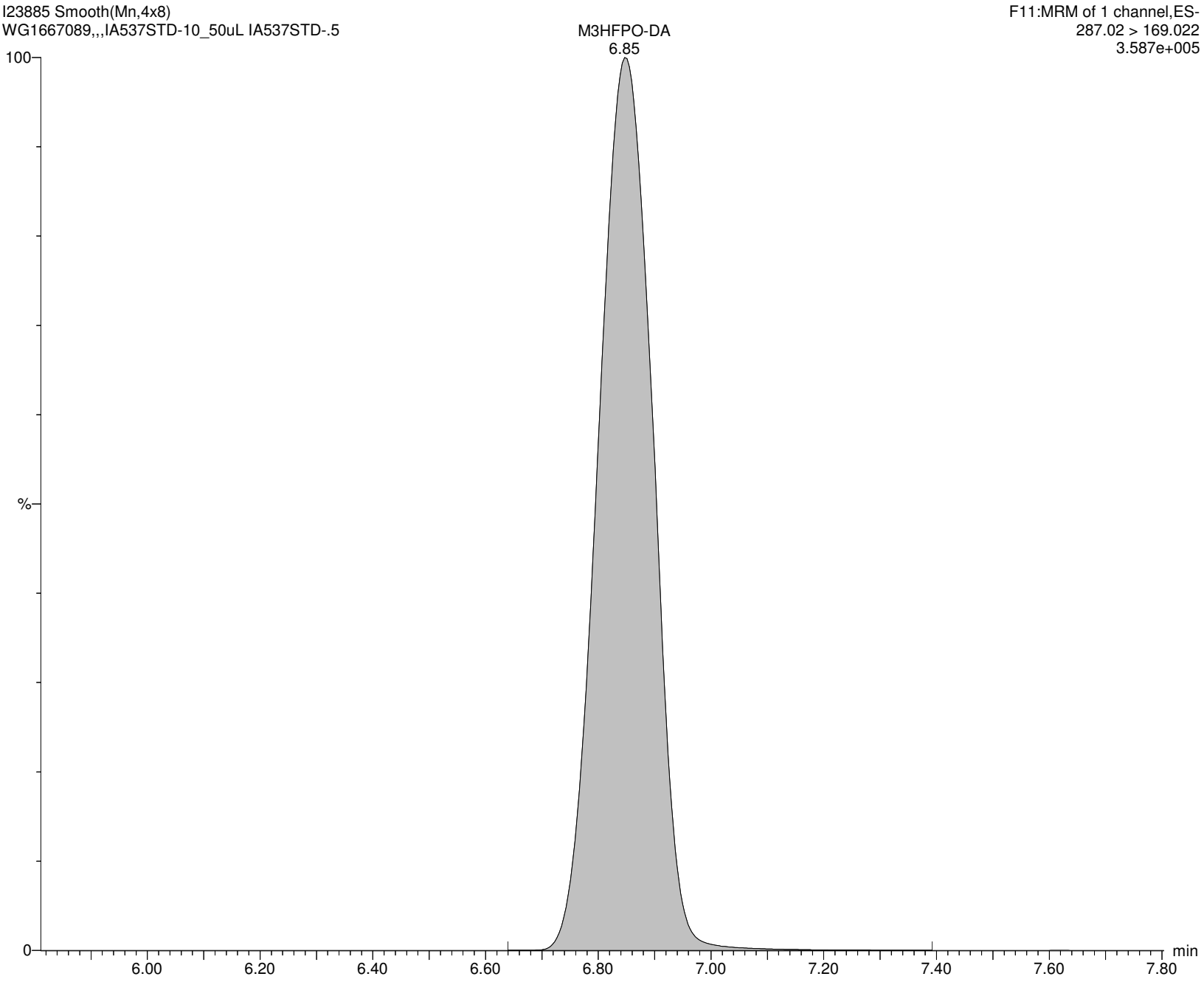


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M3HFPO-DA

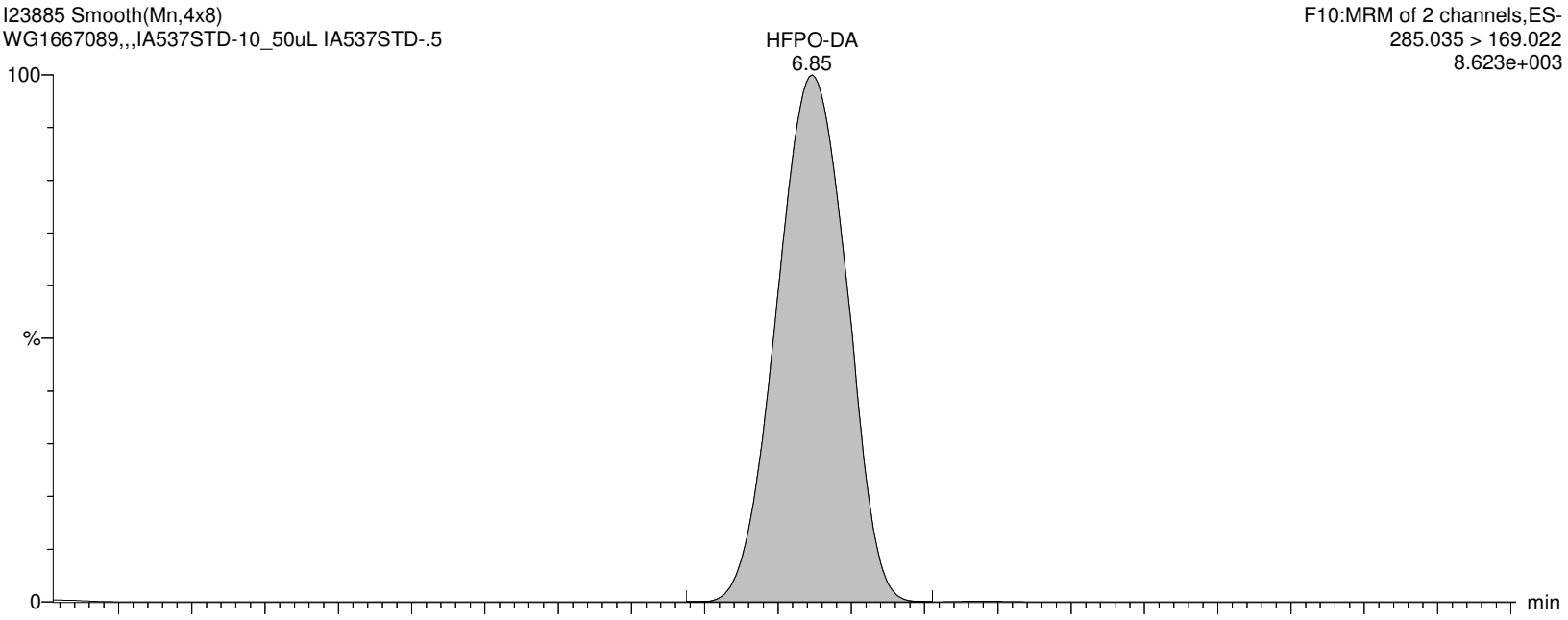


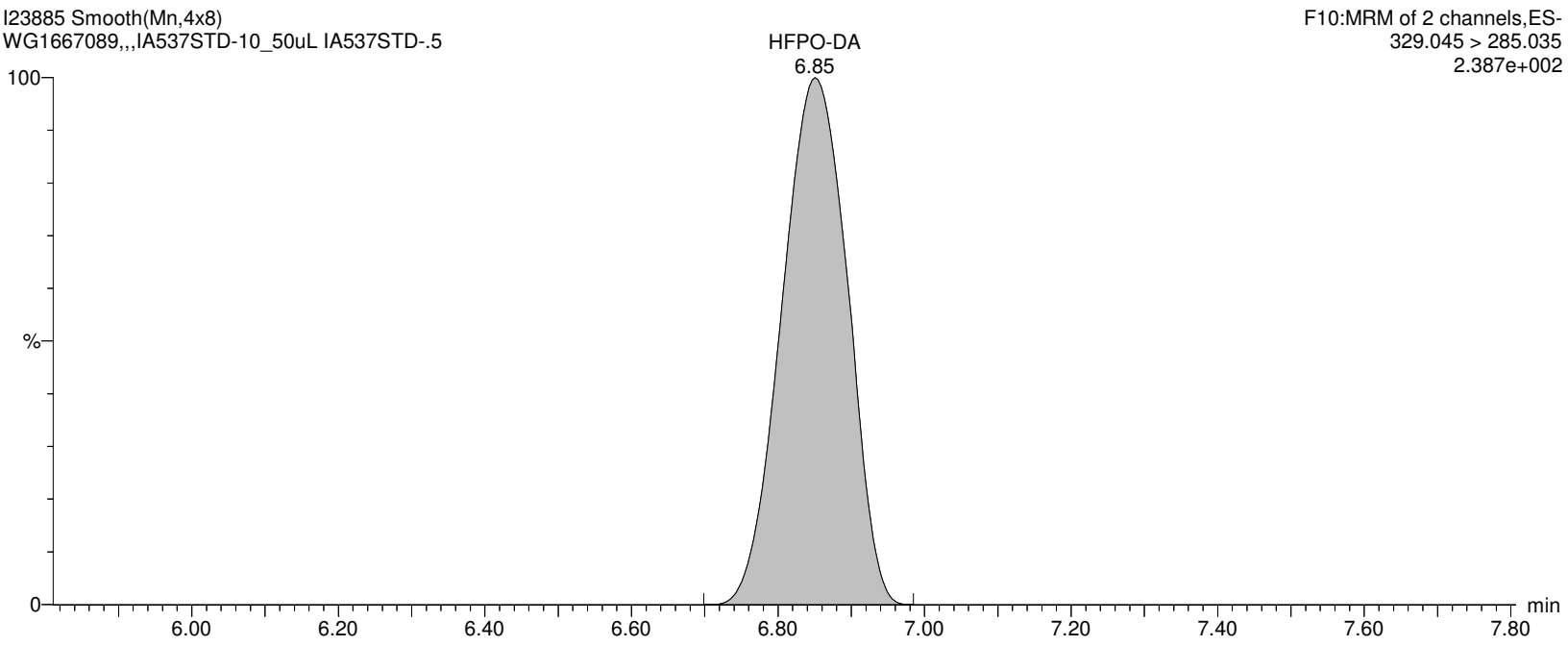
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

HFPO-DA



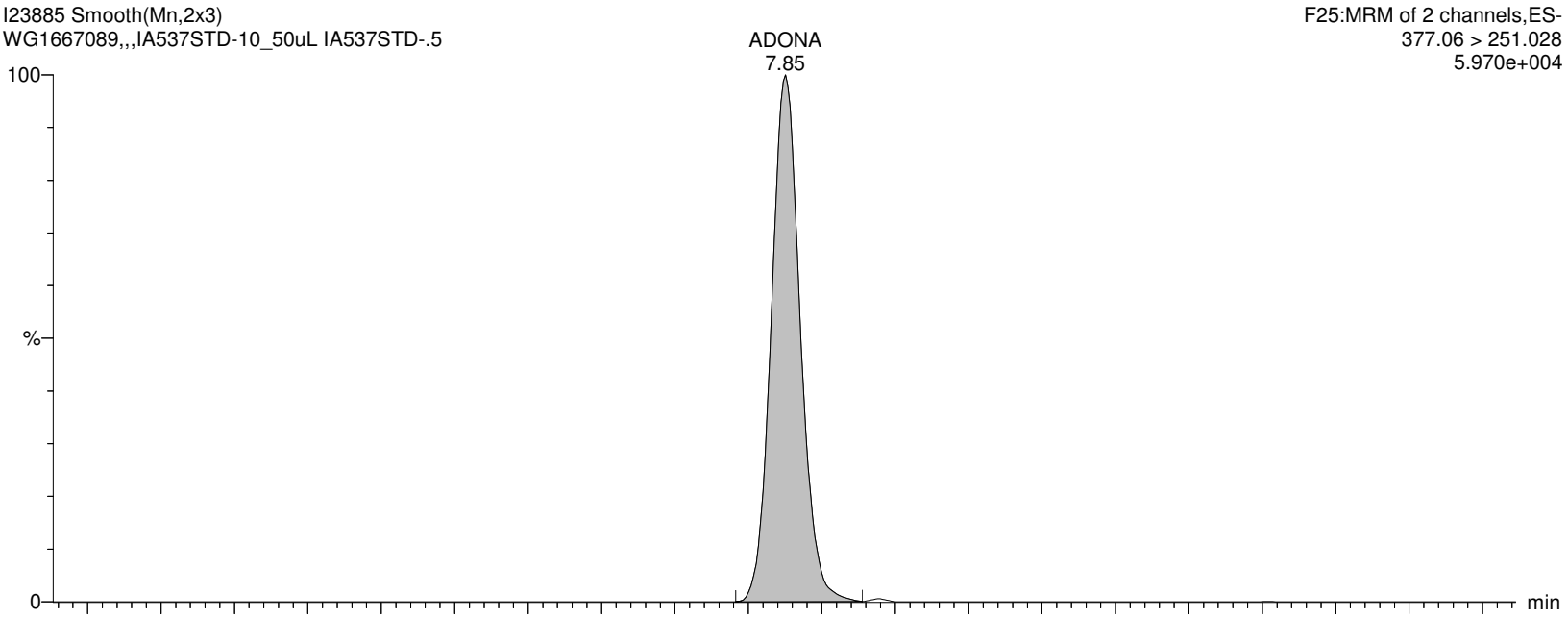


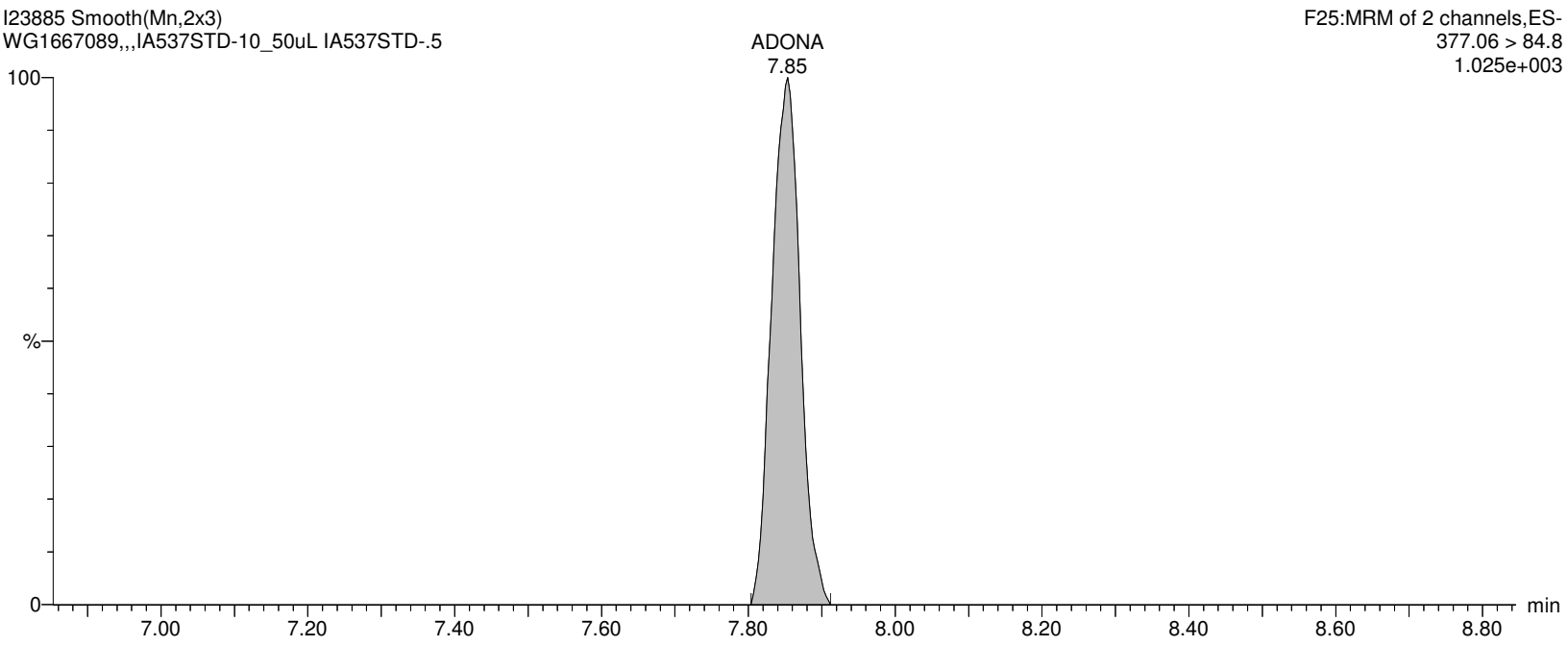
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

ADONA



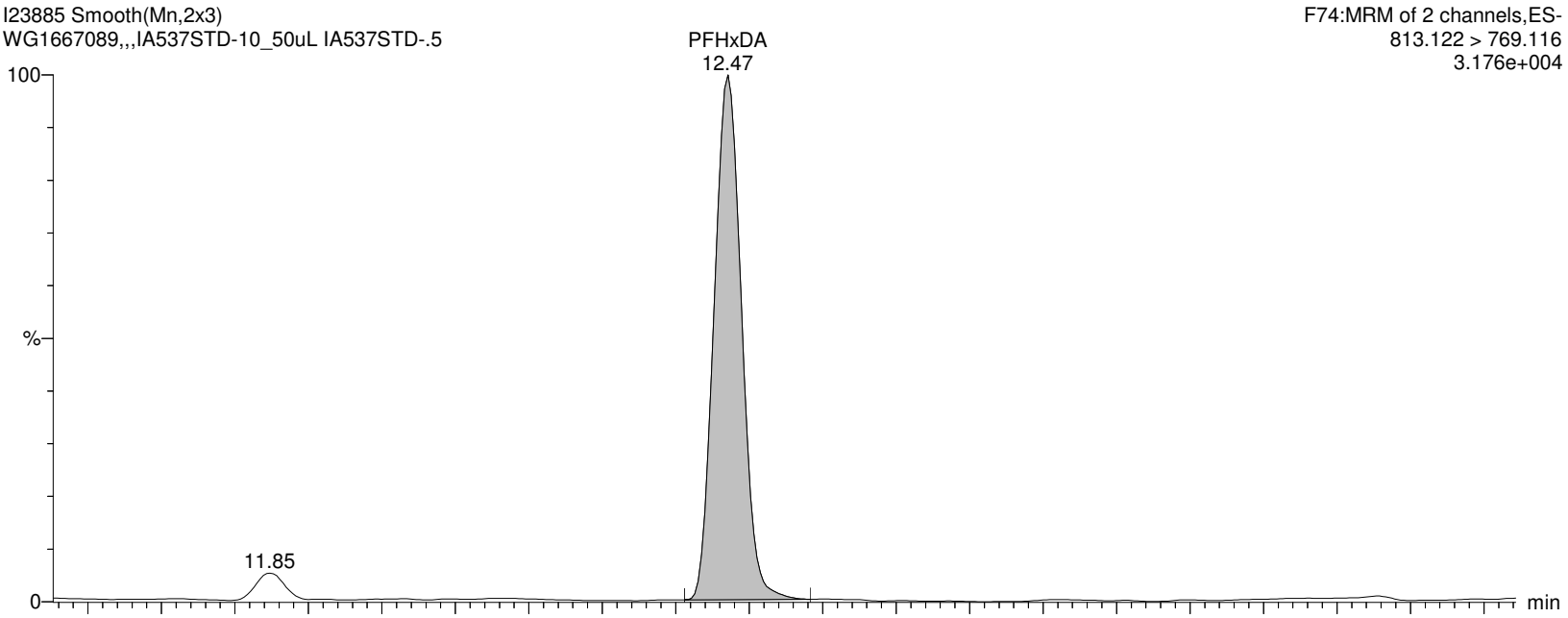


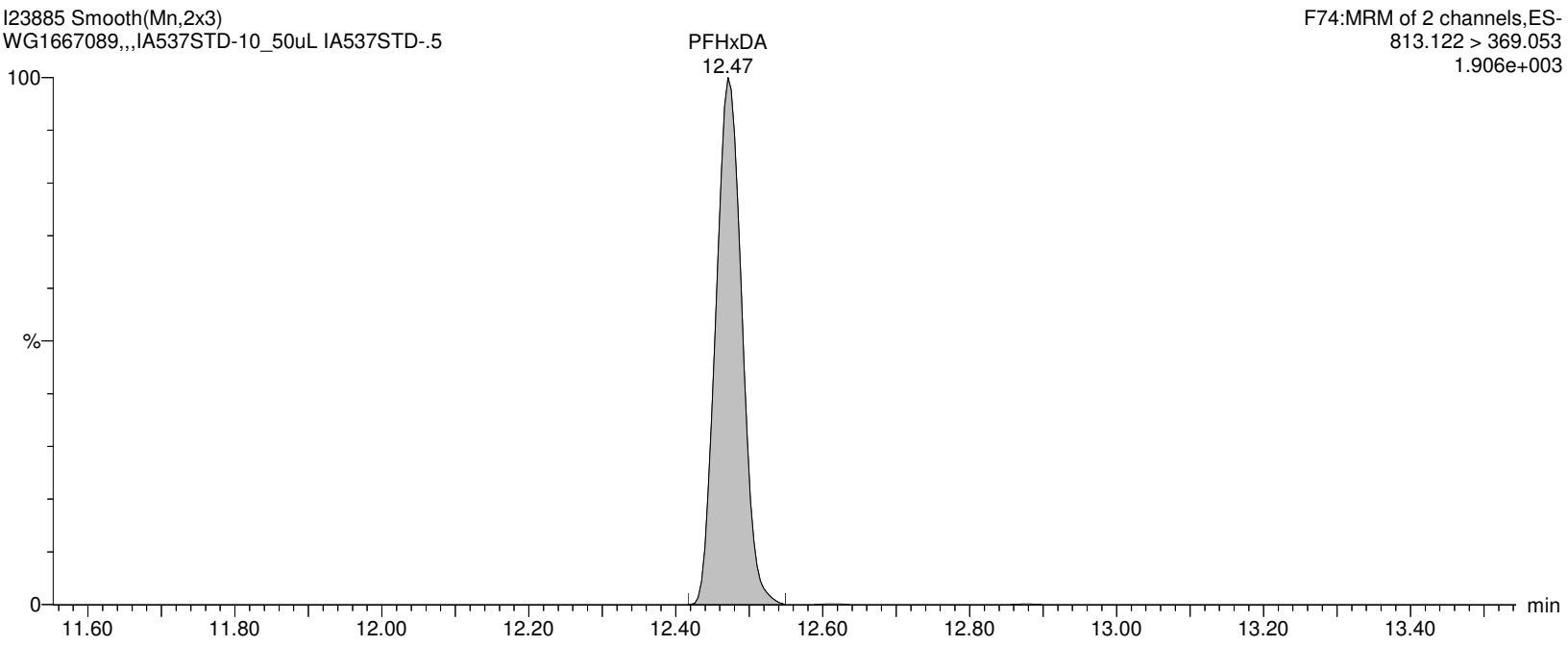
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFHxDA



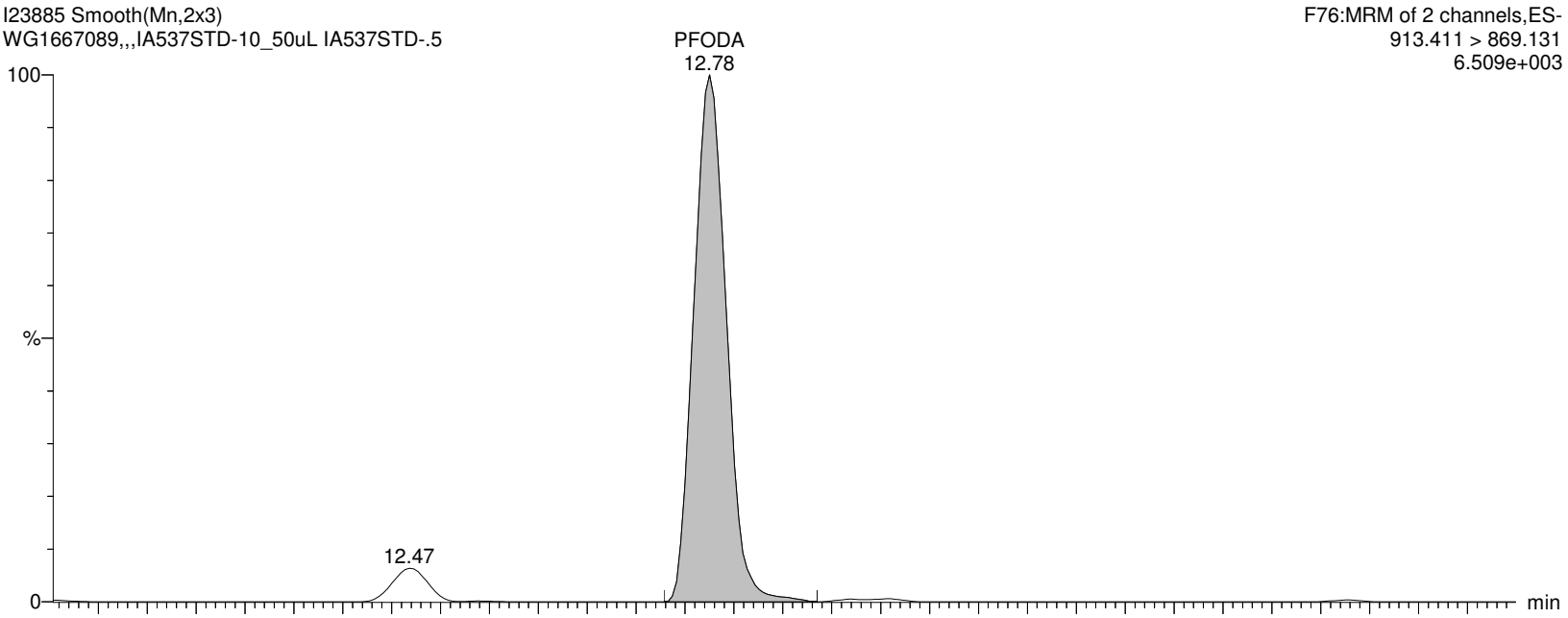


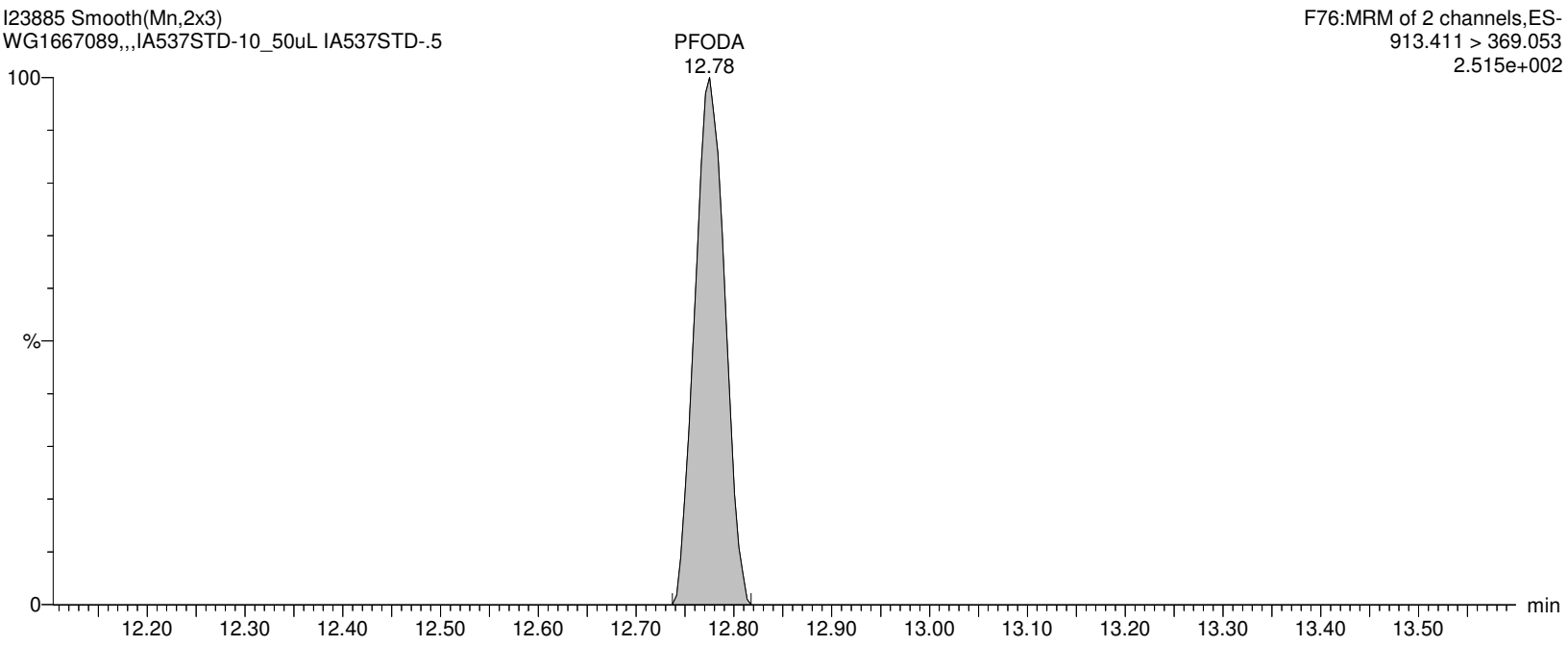
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFODA



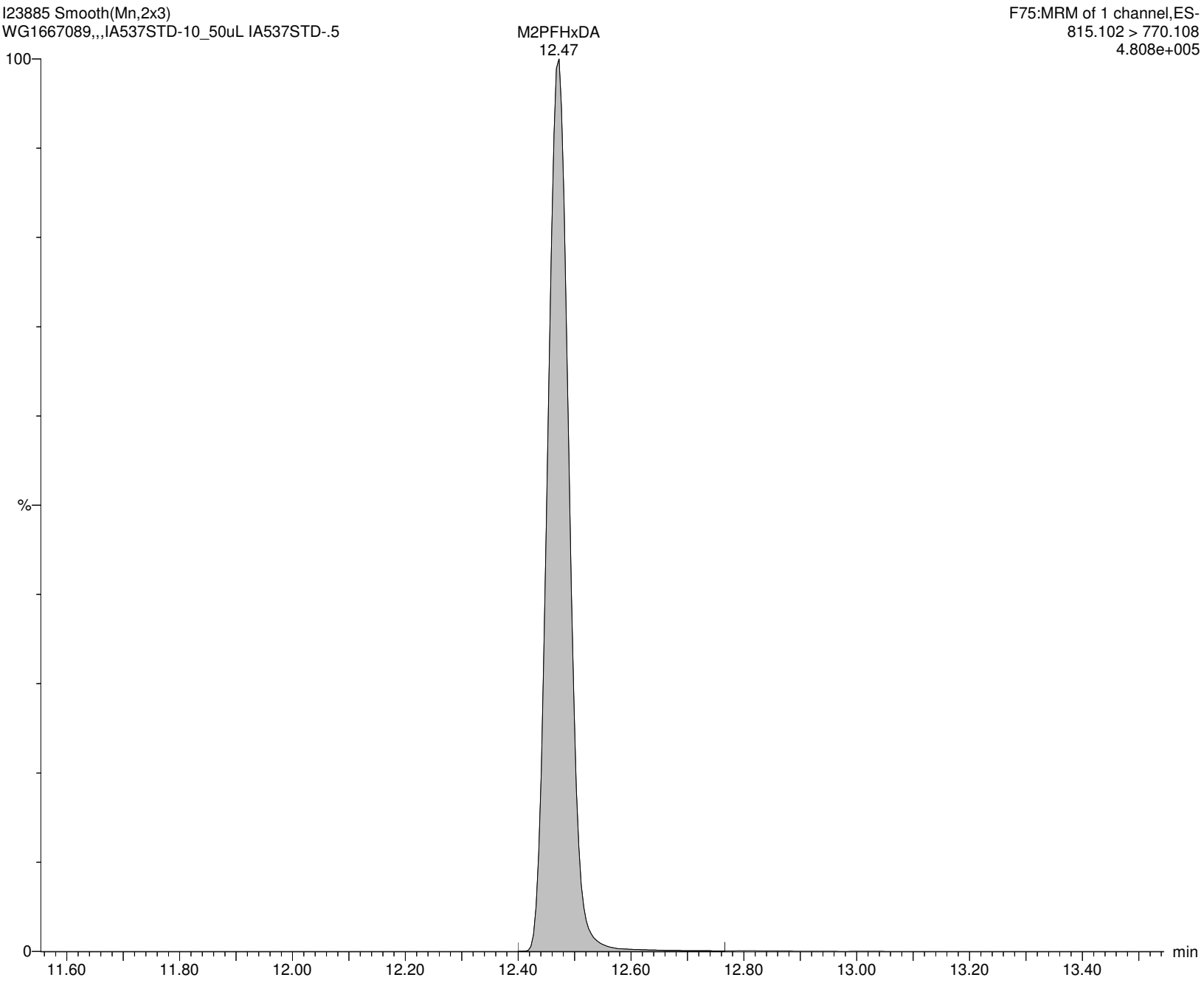


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2PFHxDA

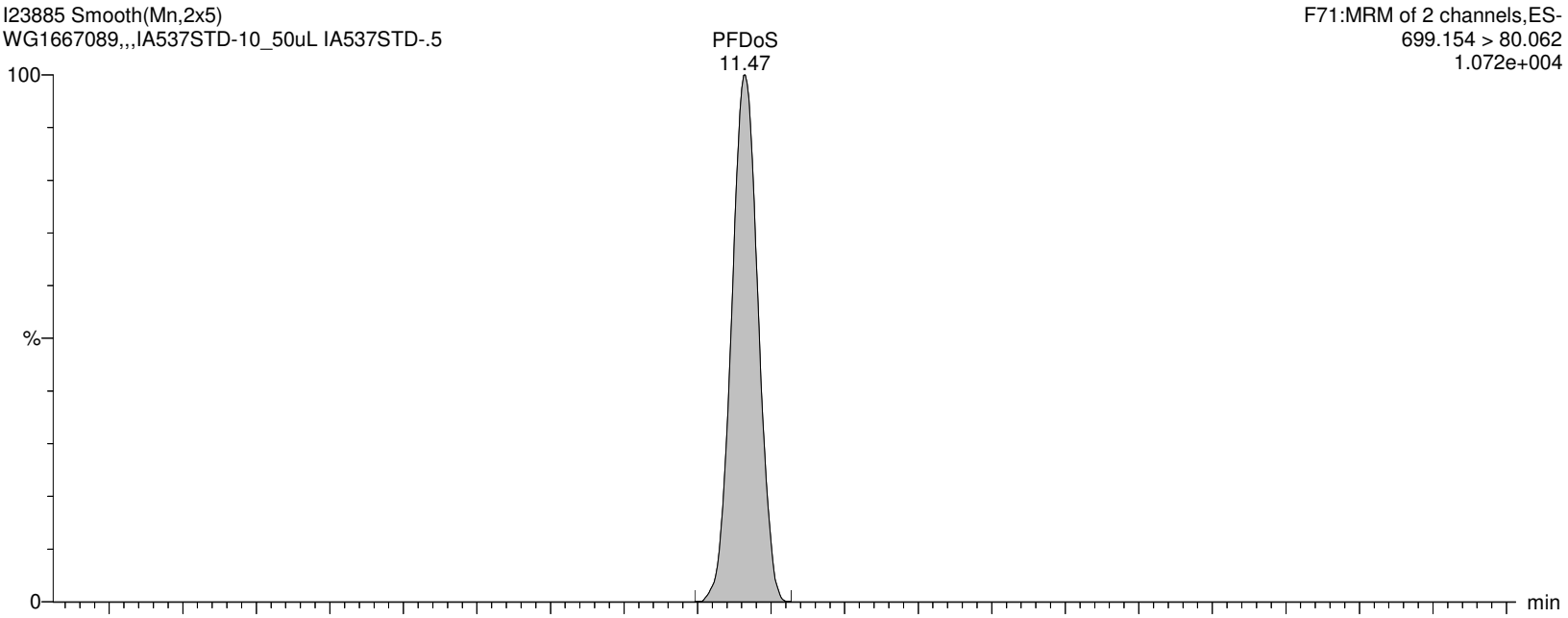


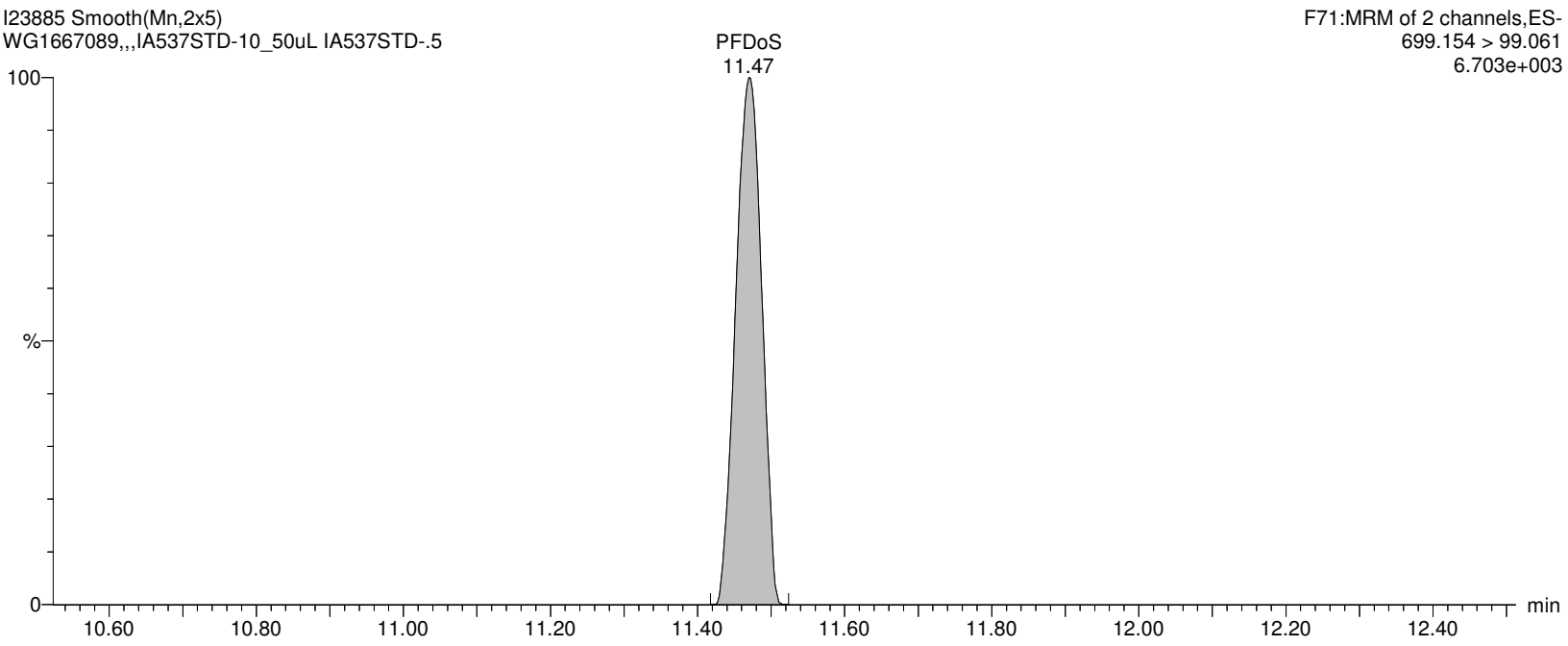
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFDoS



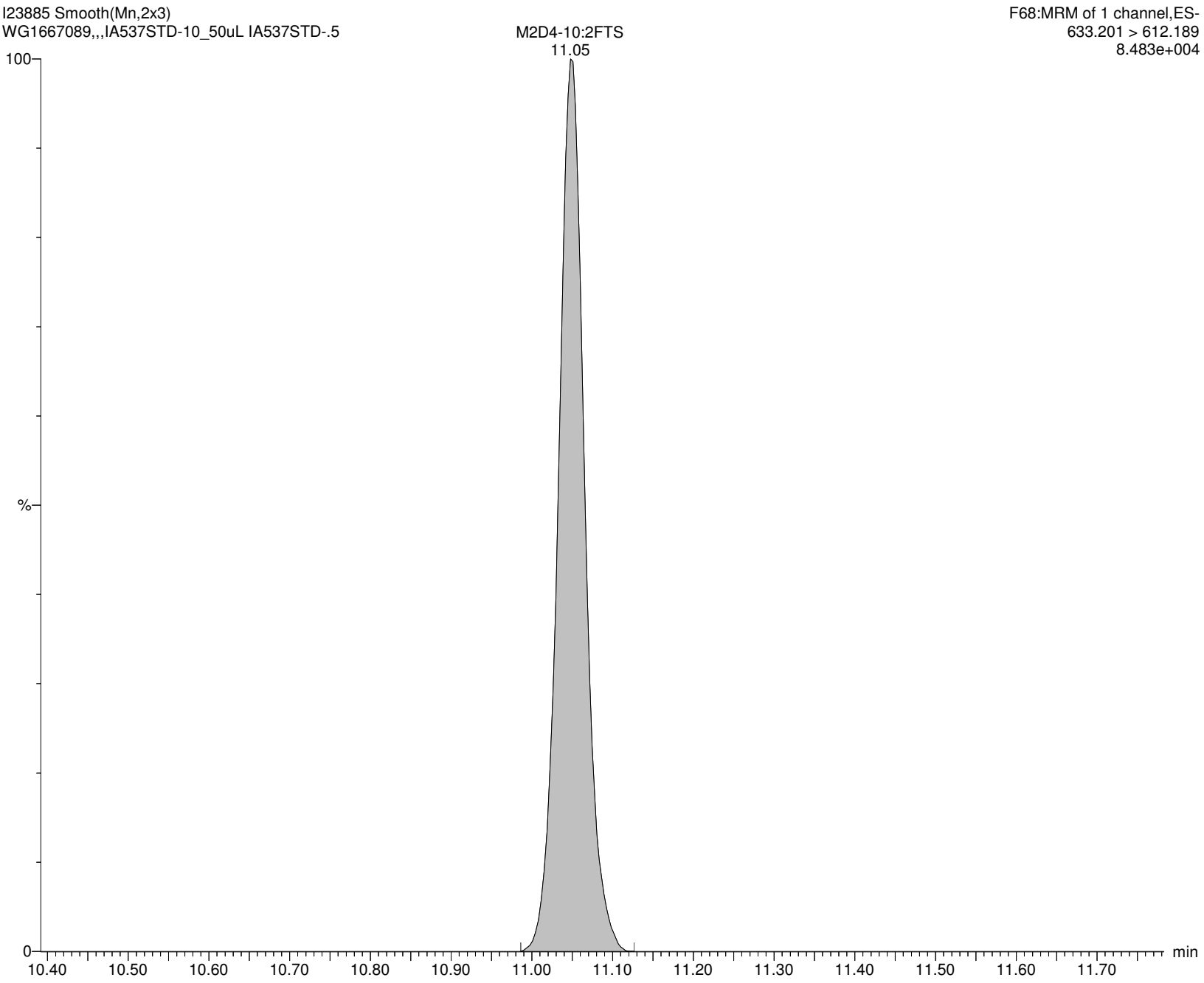


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2D4-10:2FTS

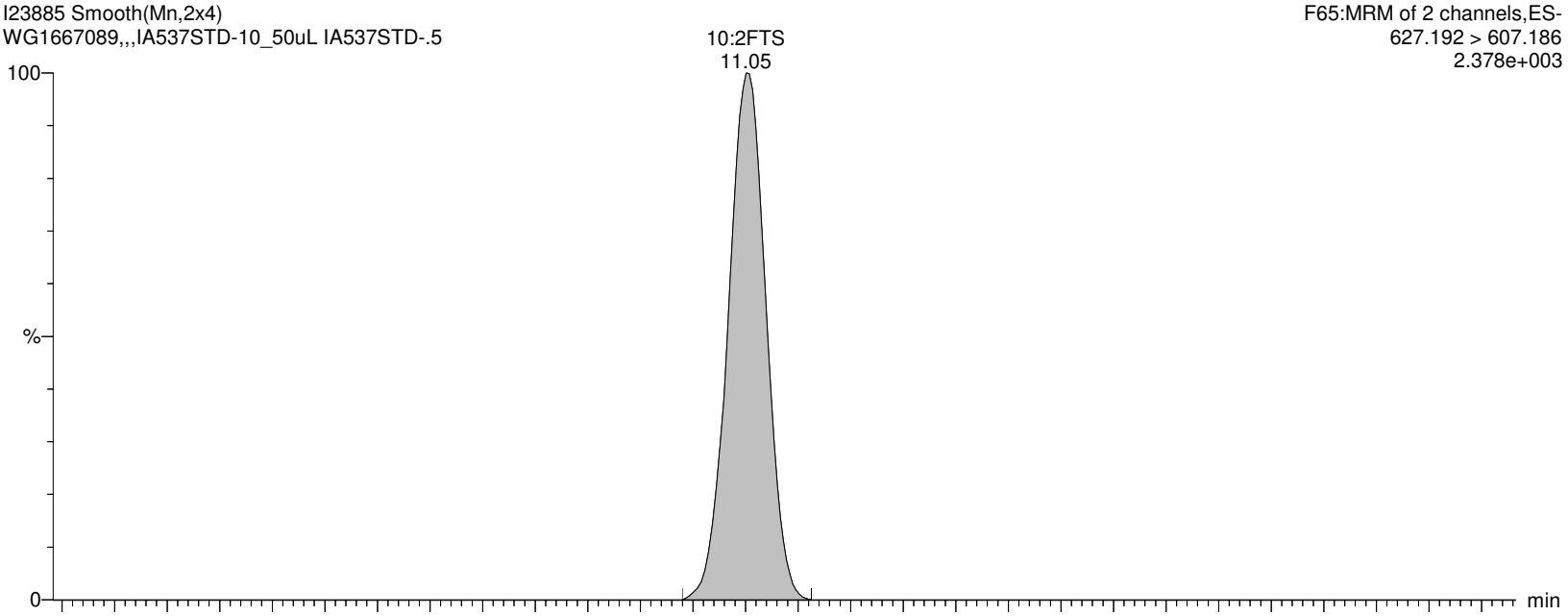


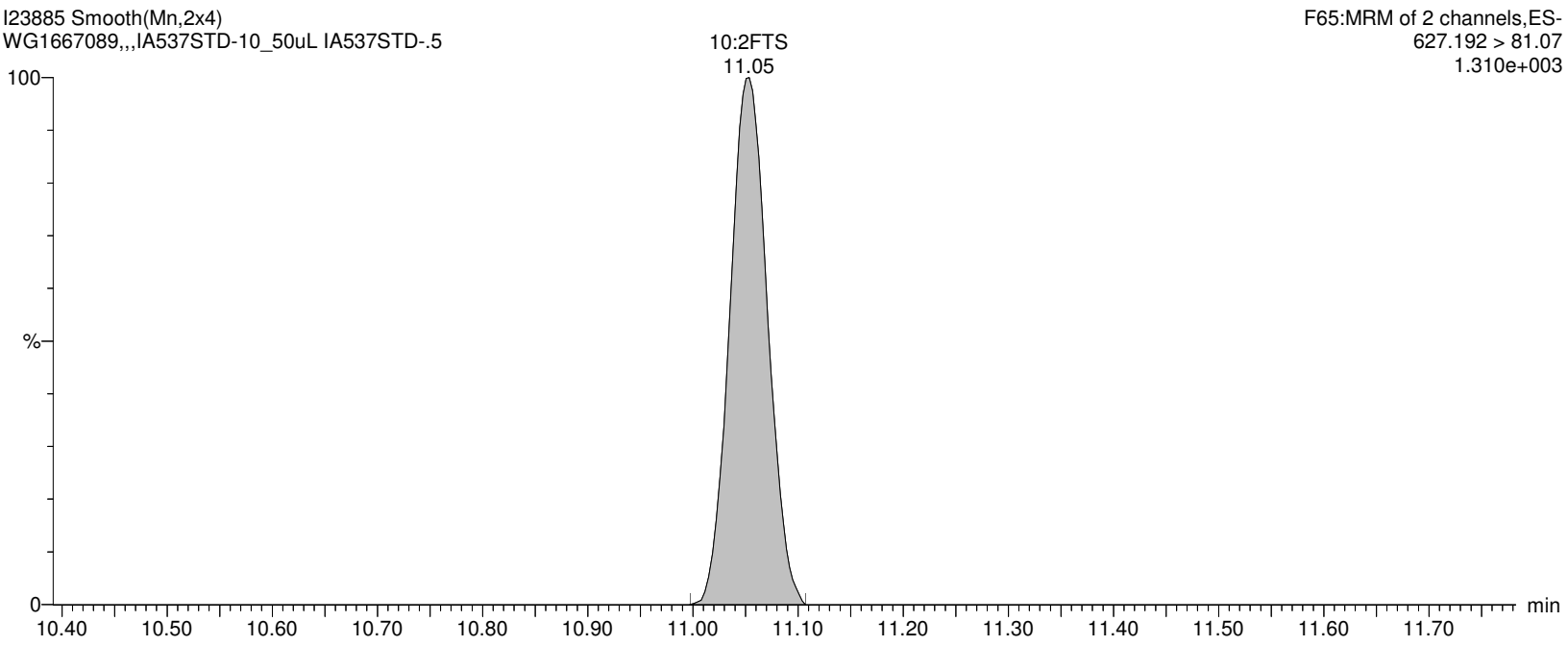
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

10:2FTS



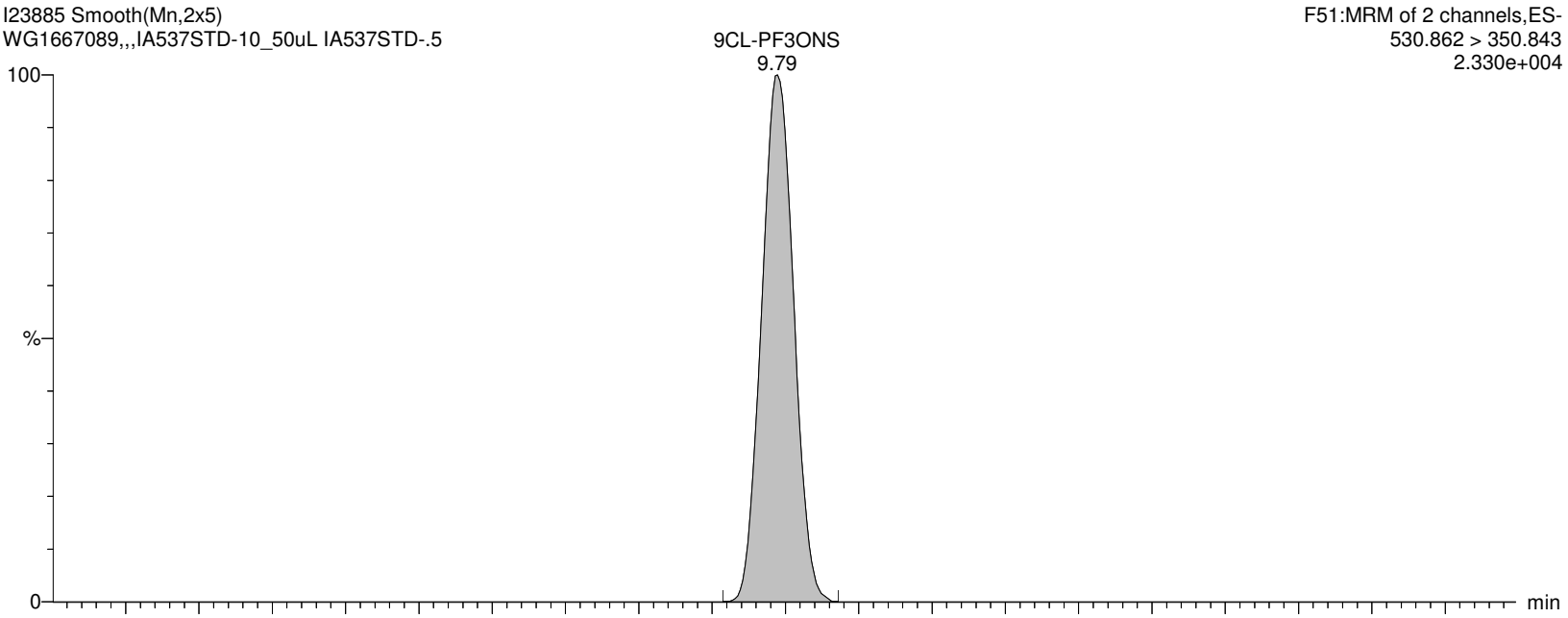


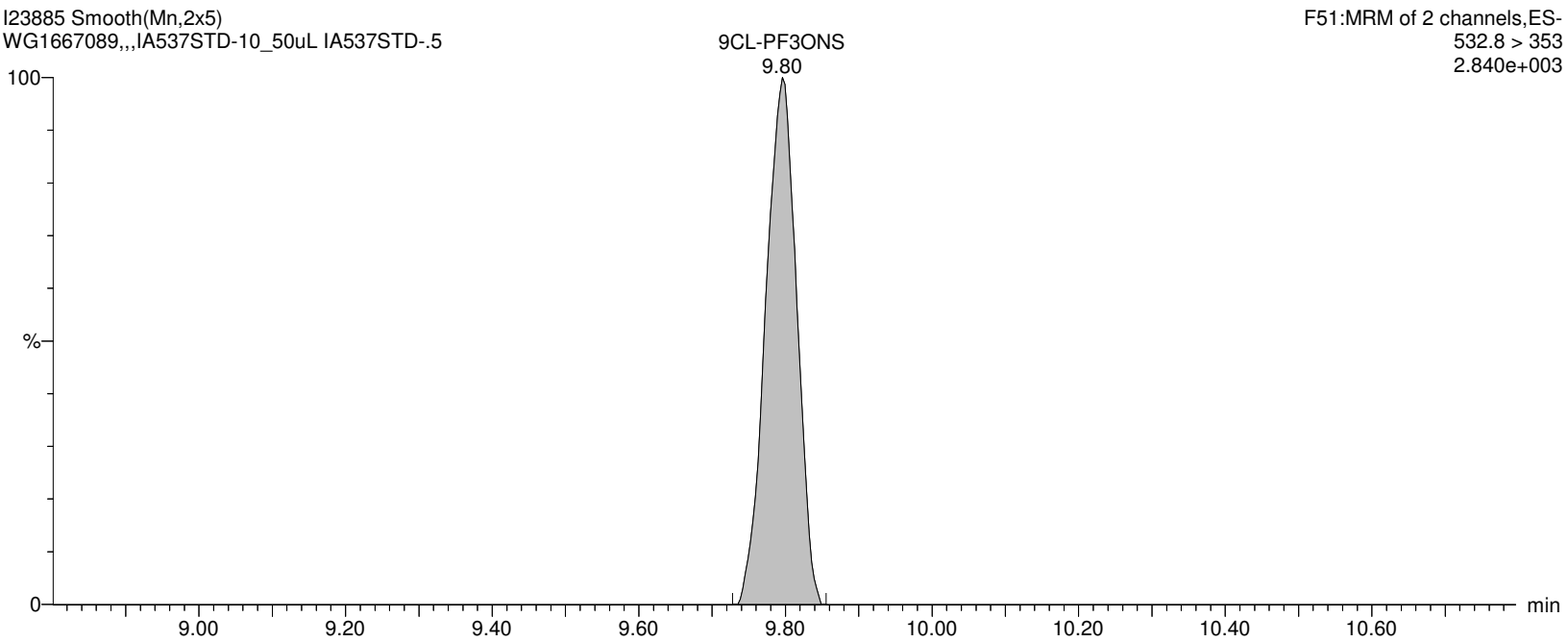
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

9CL-PF3ONS



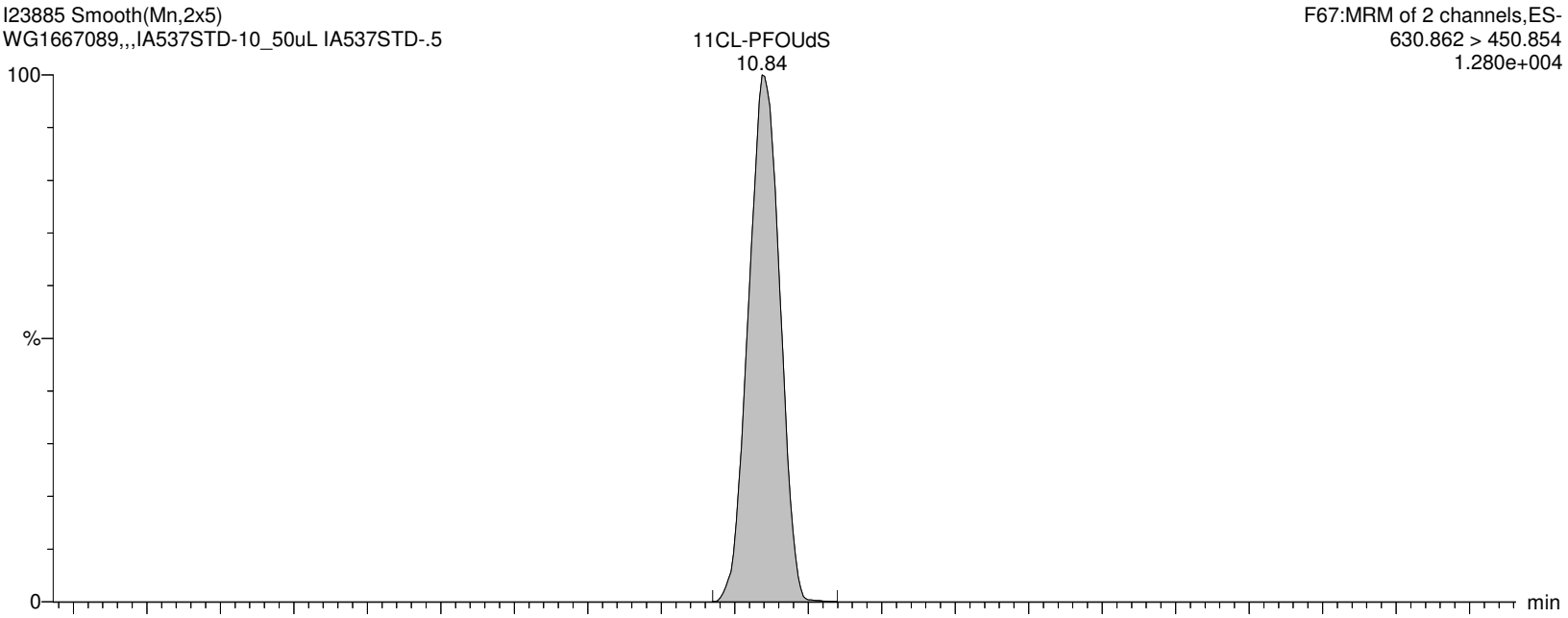


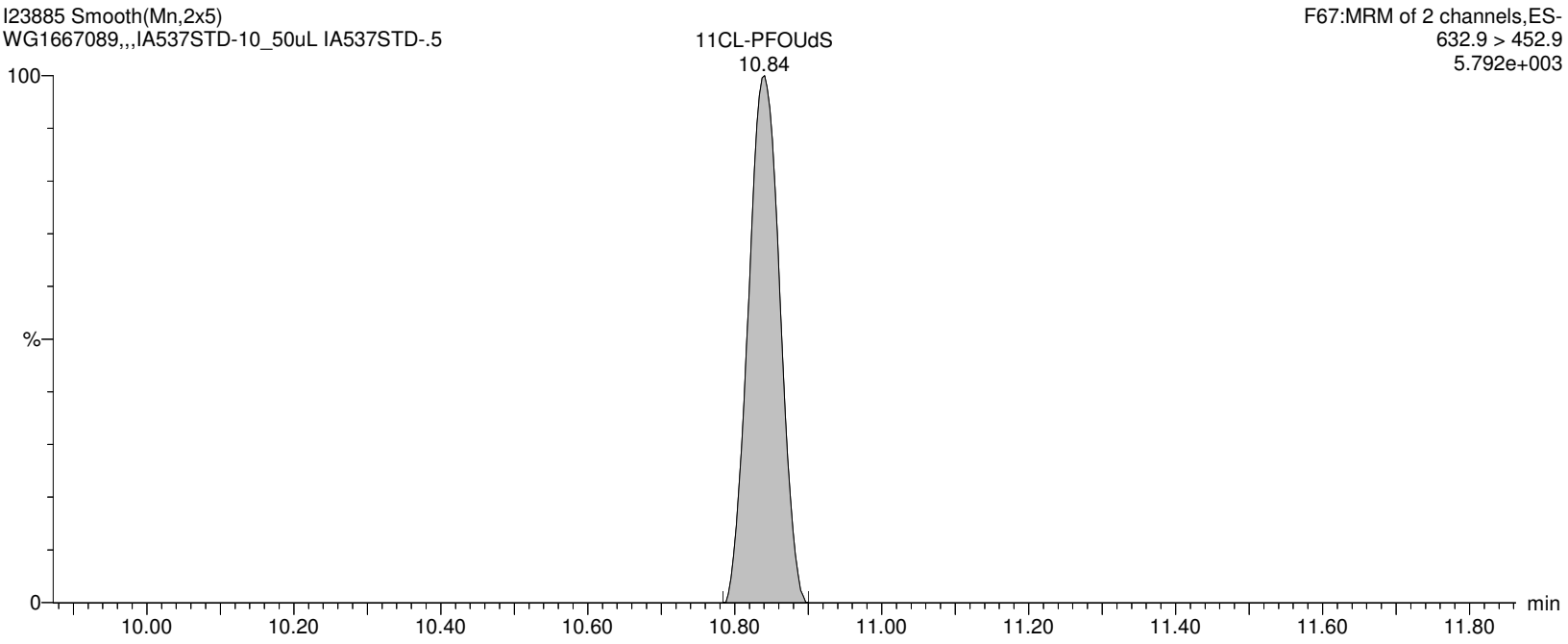
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

11CL-PFOUdS



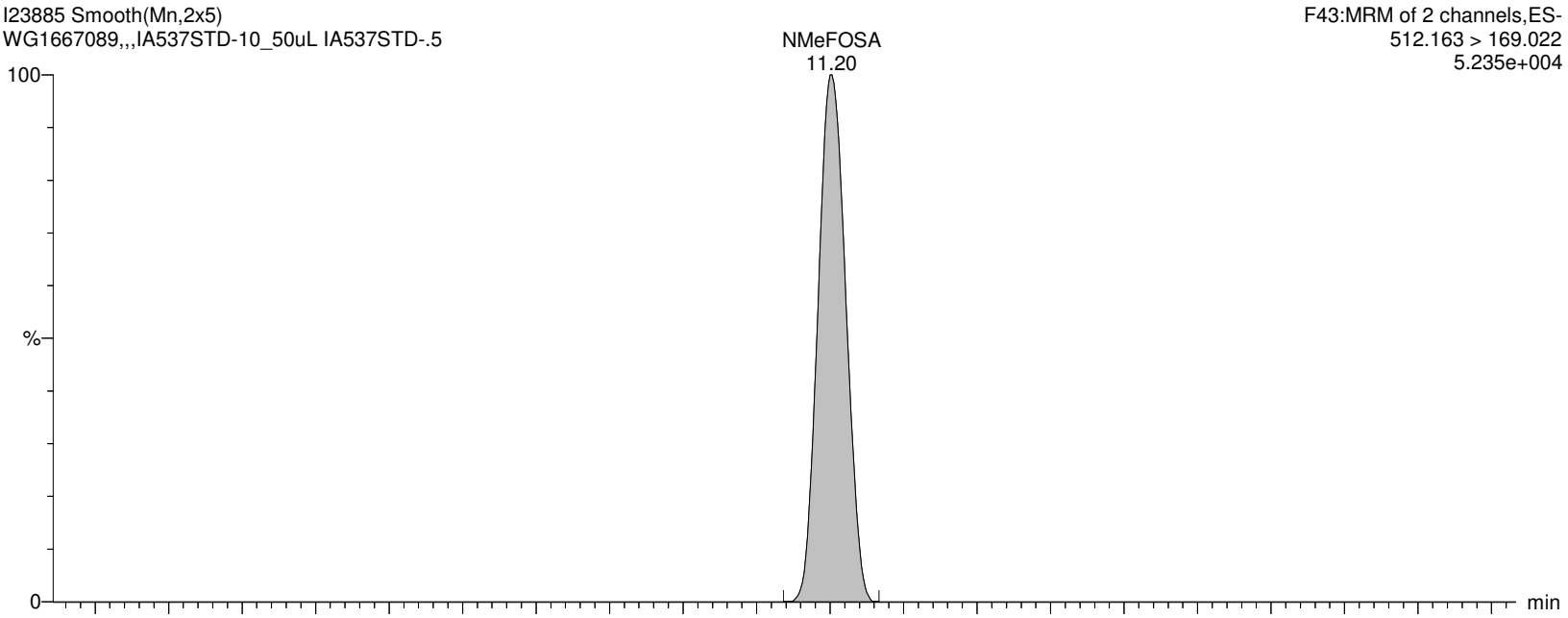


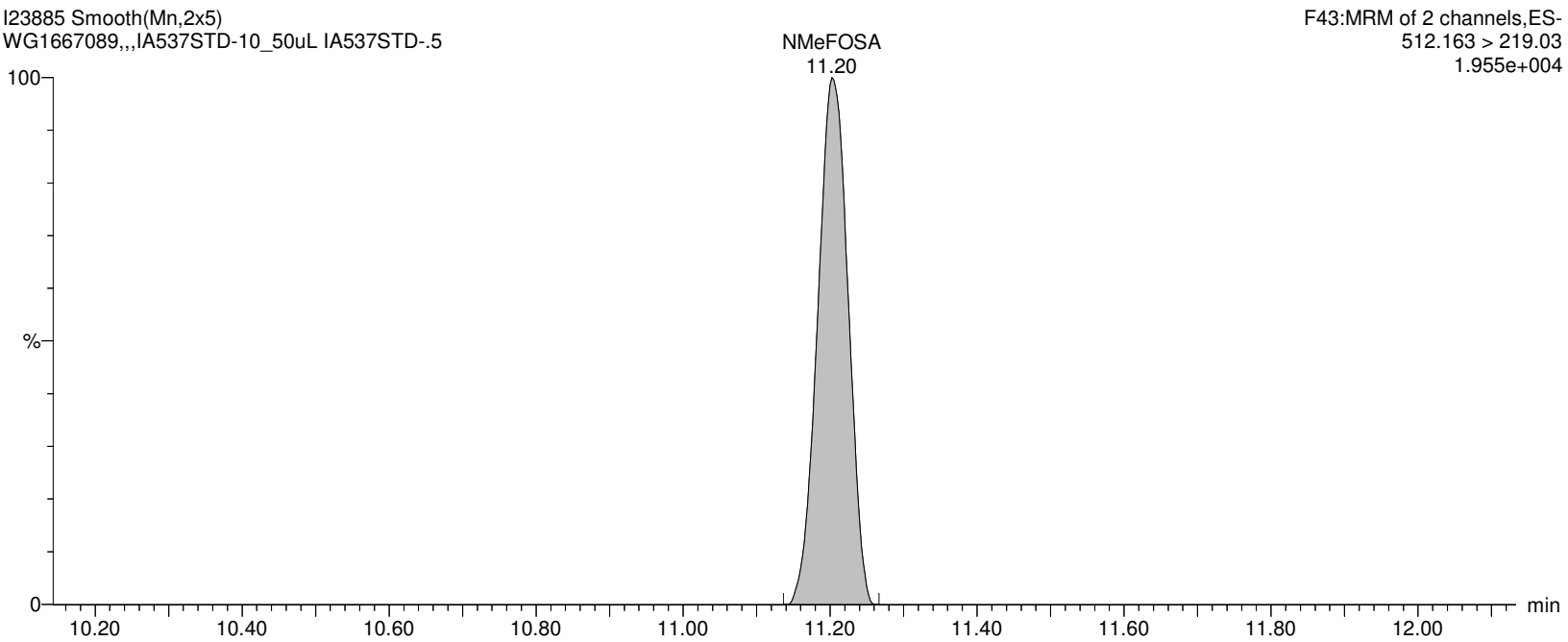
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NMeFOSA



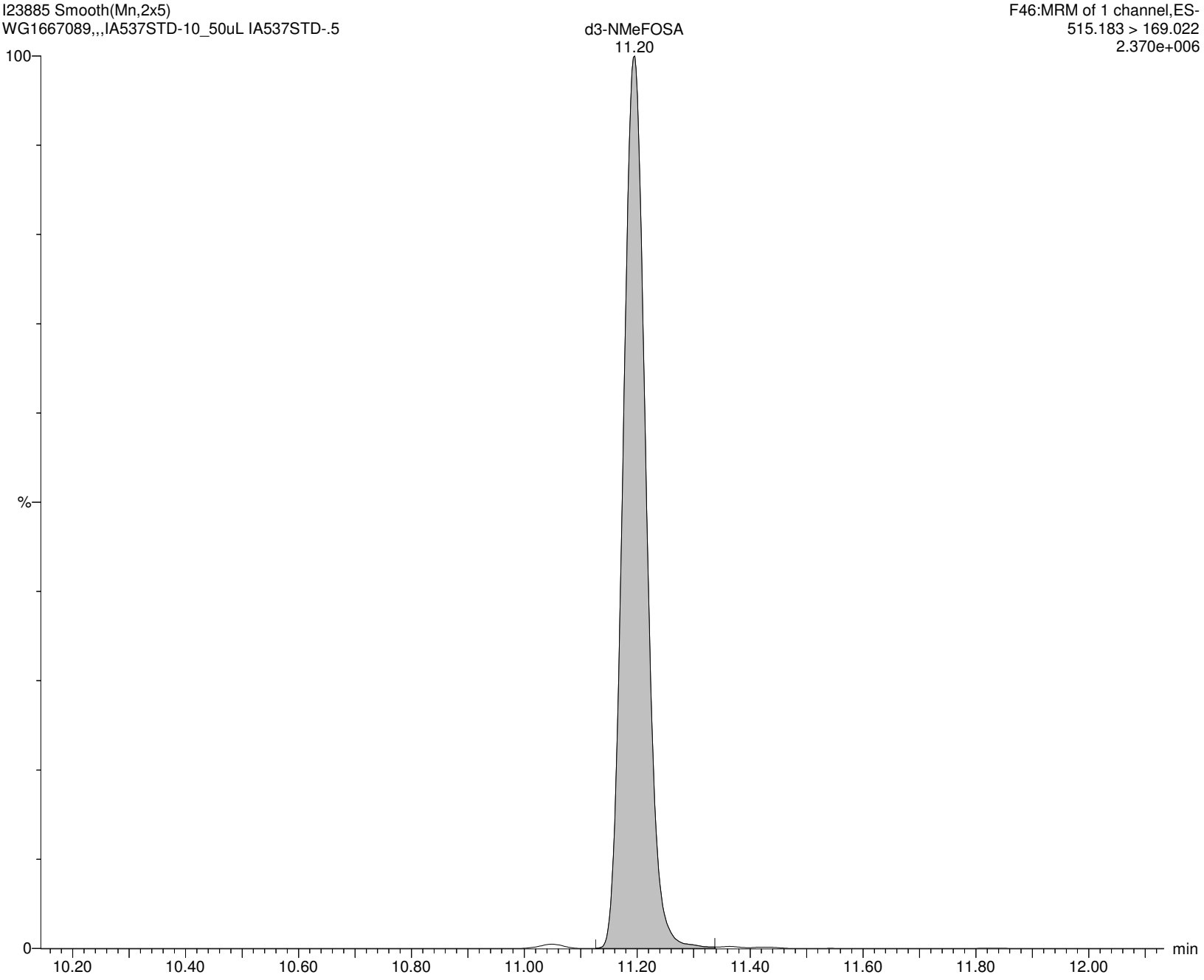


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

d3-NMeFOSA

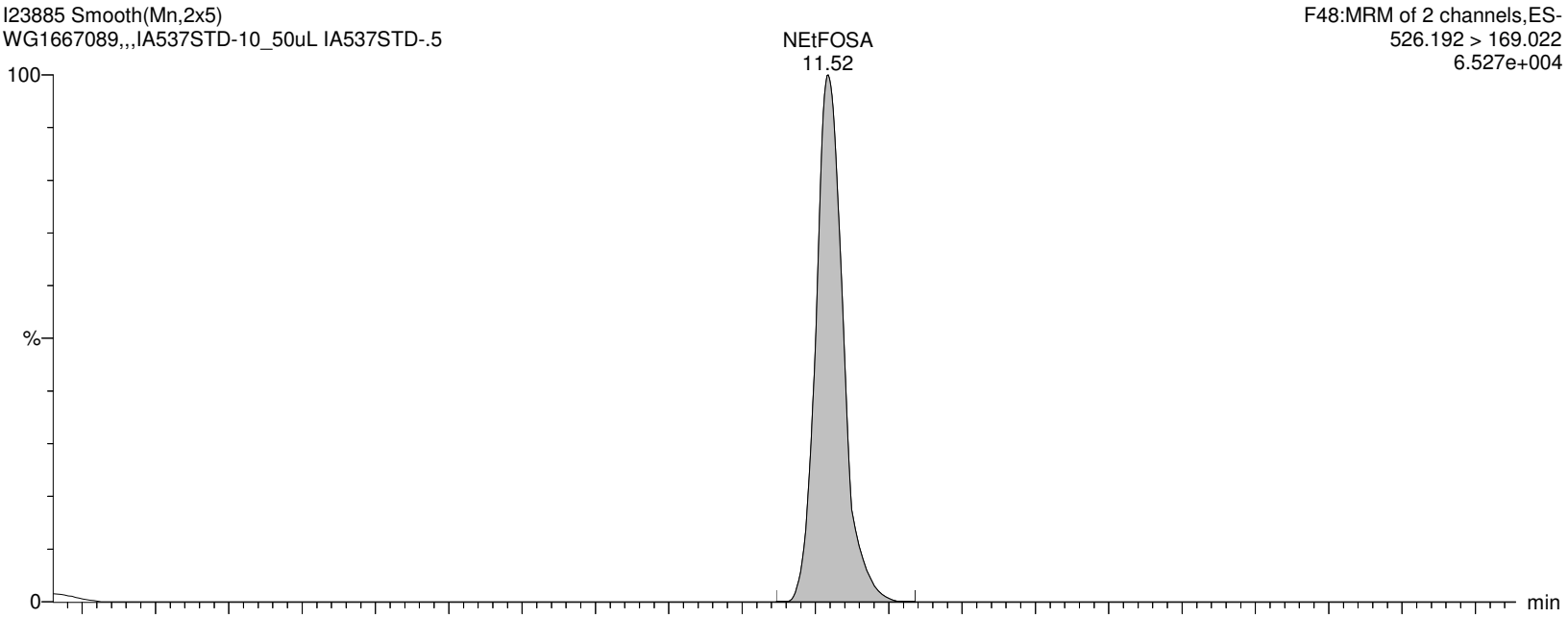


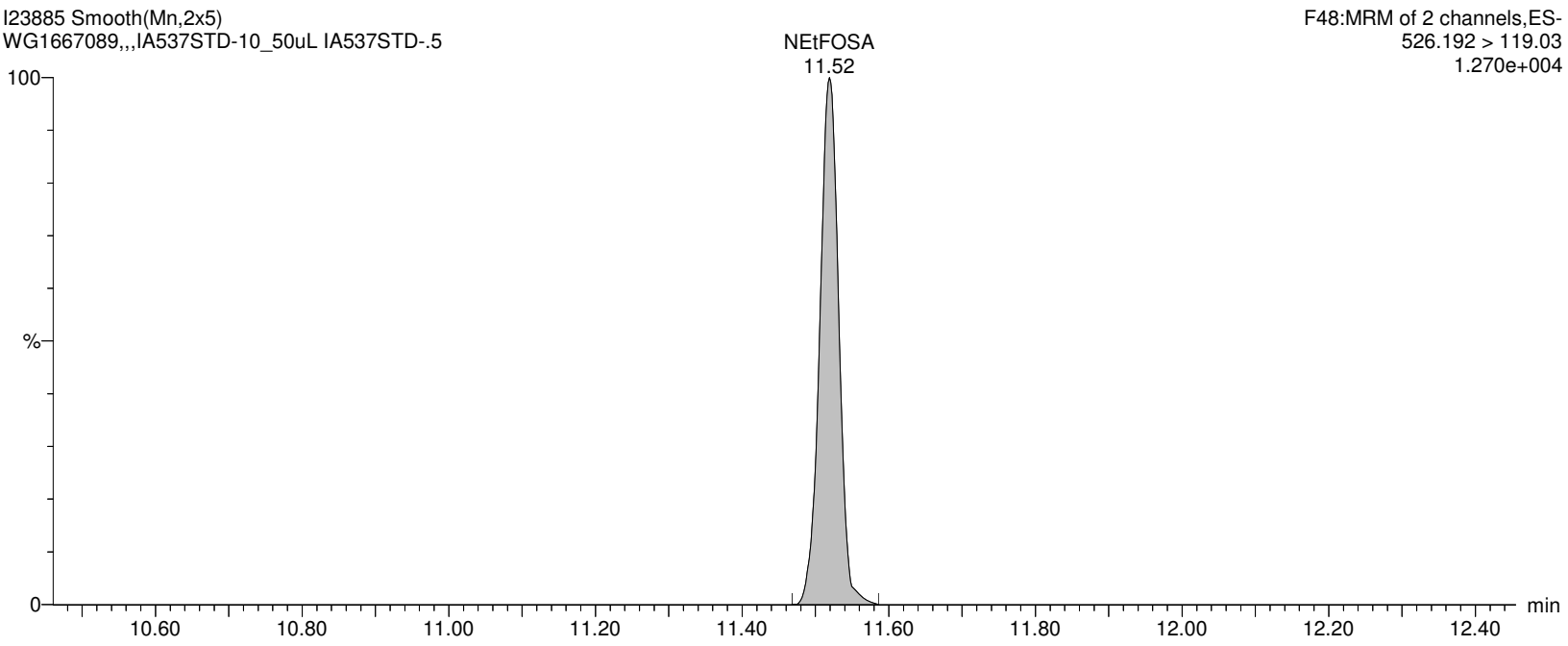
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NEtFOSA



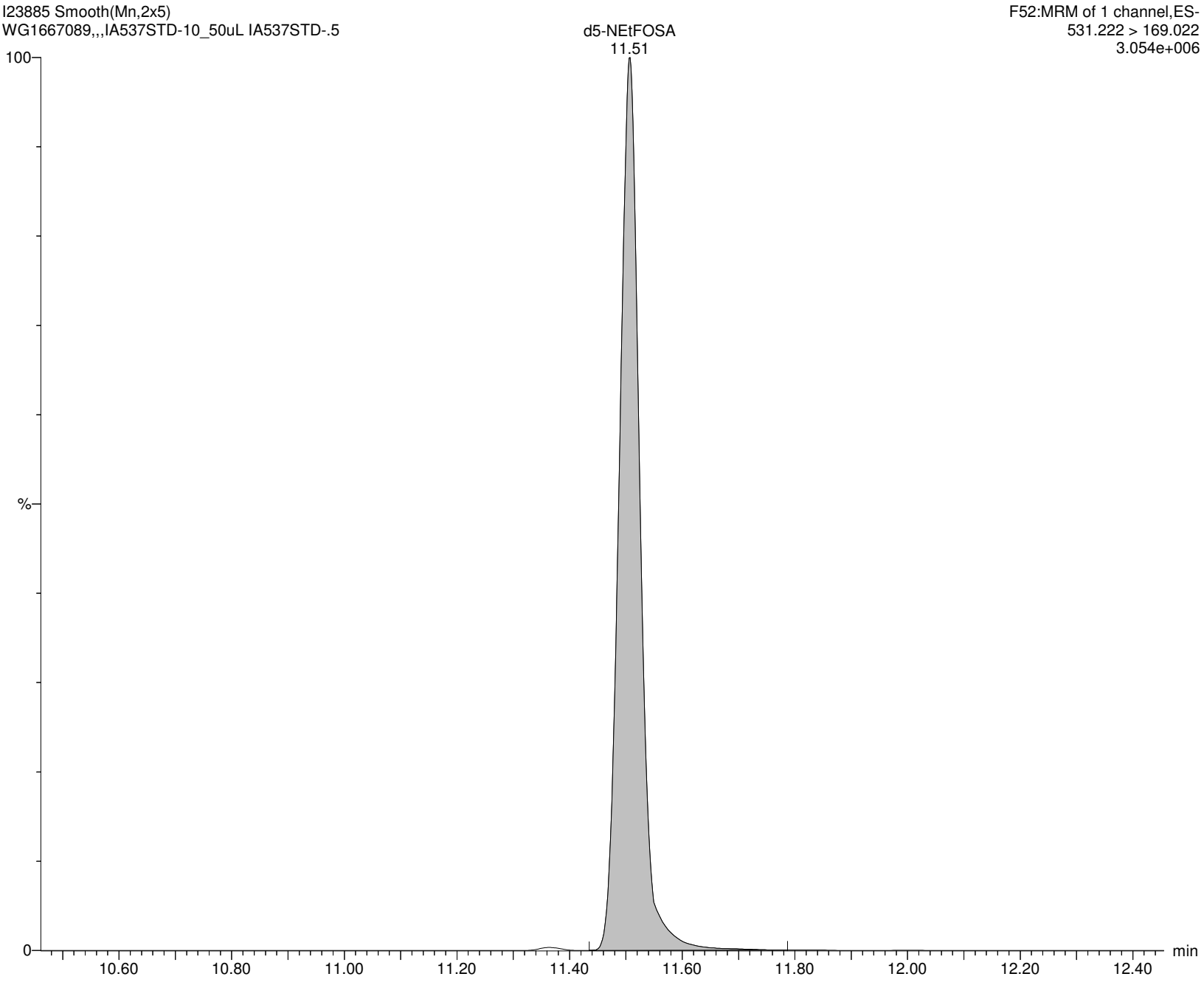


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

d5-NEtFOSA

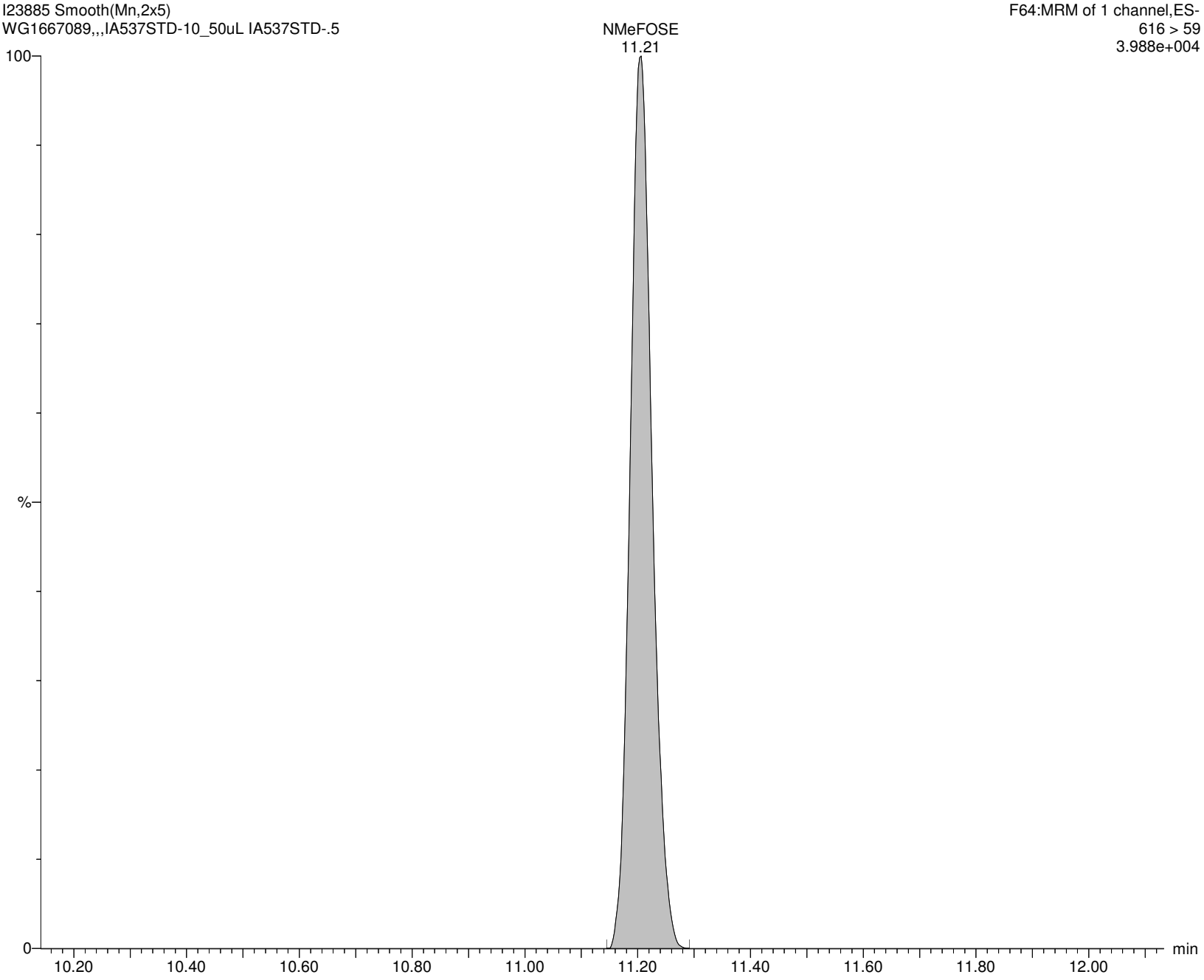


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NMeFOSE

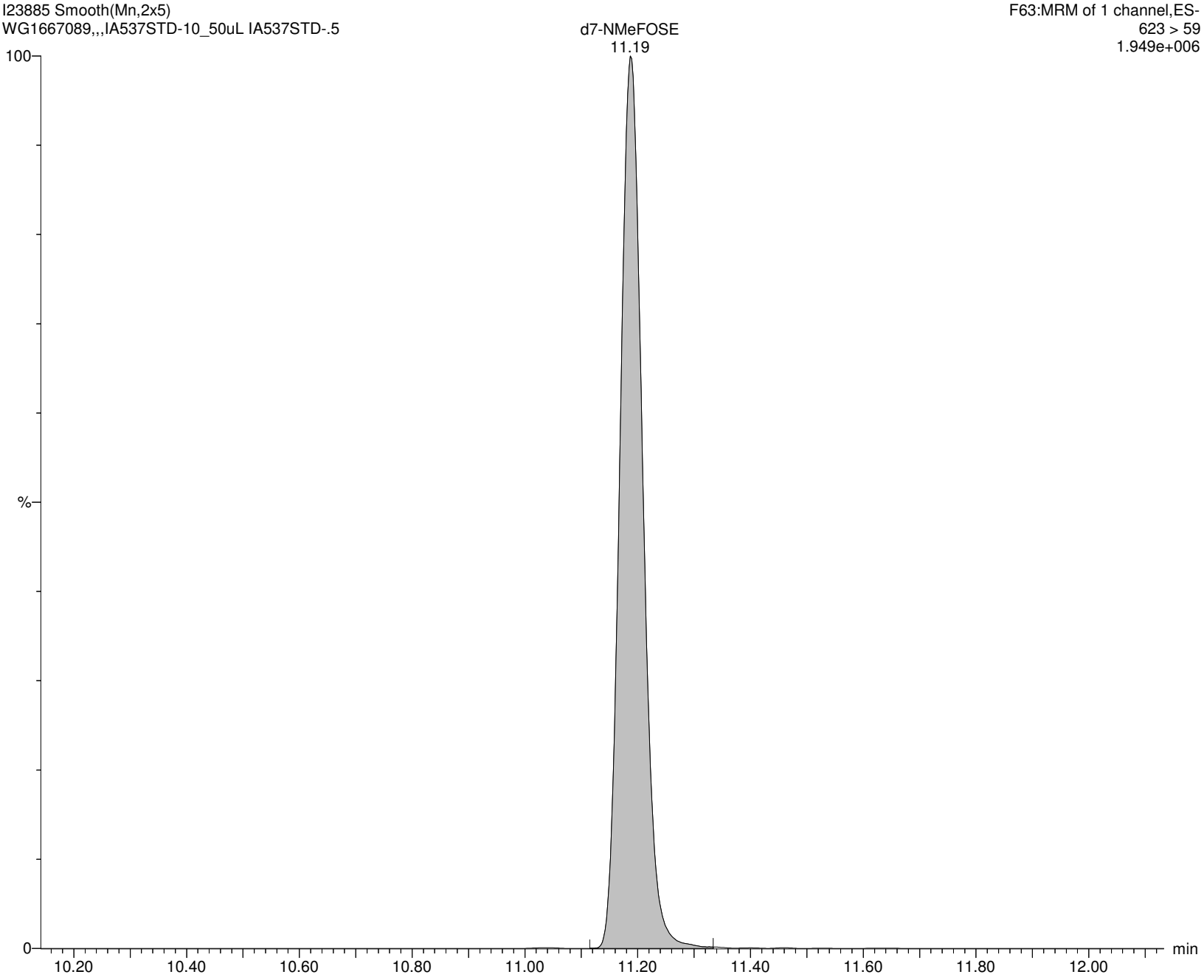


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

d7-NMeFOSE

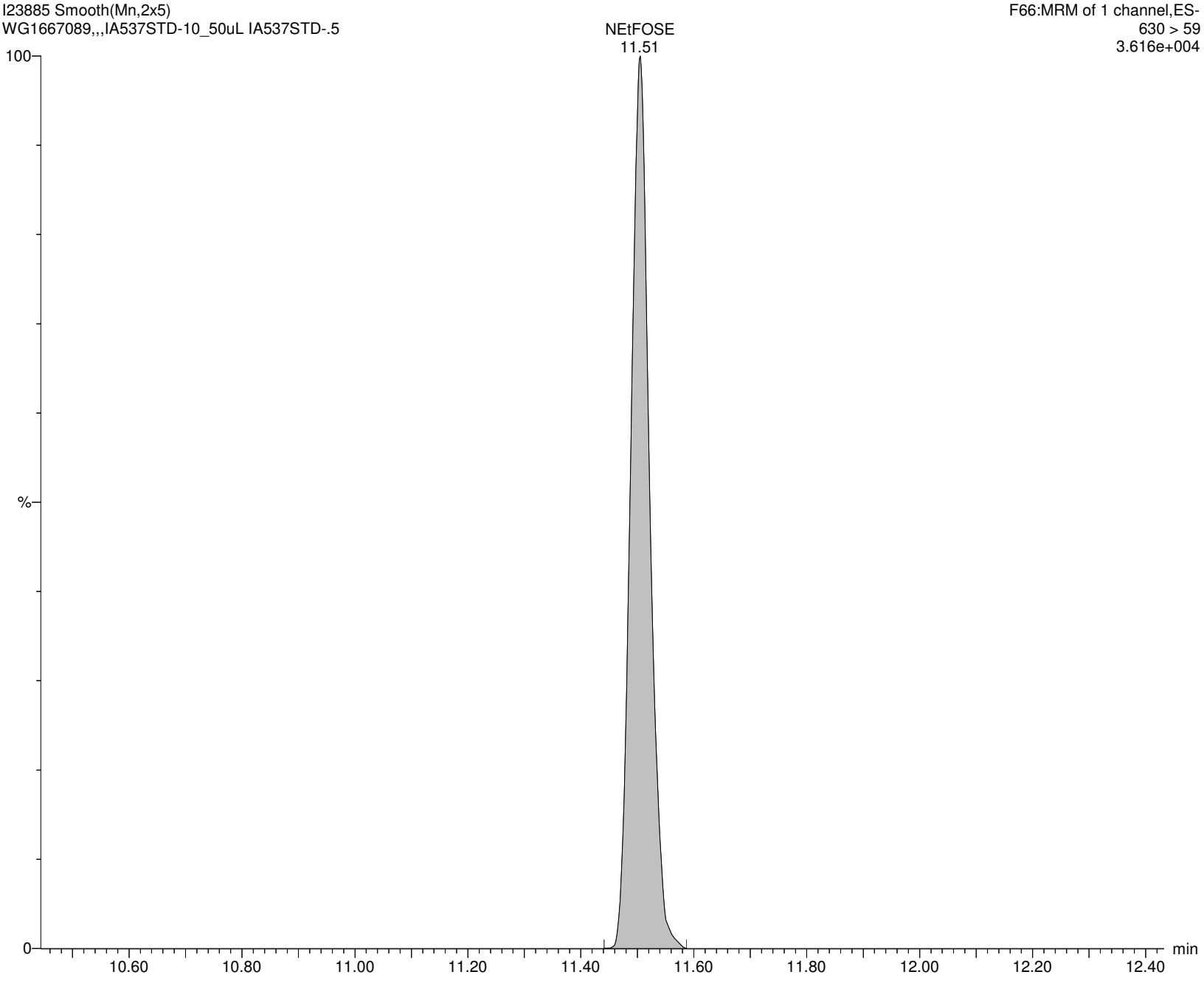


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NEtFOSE

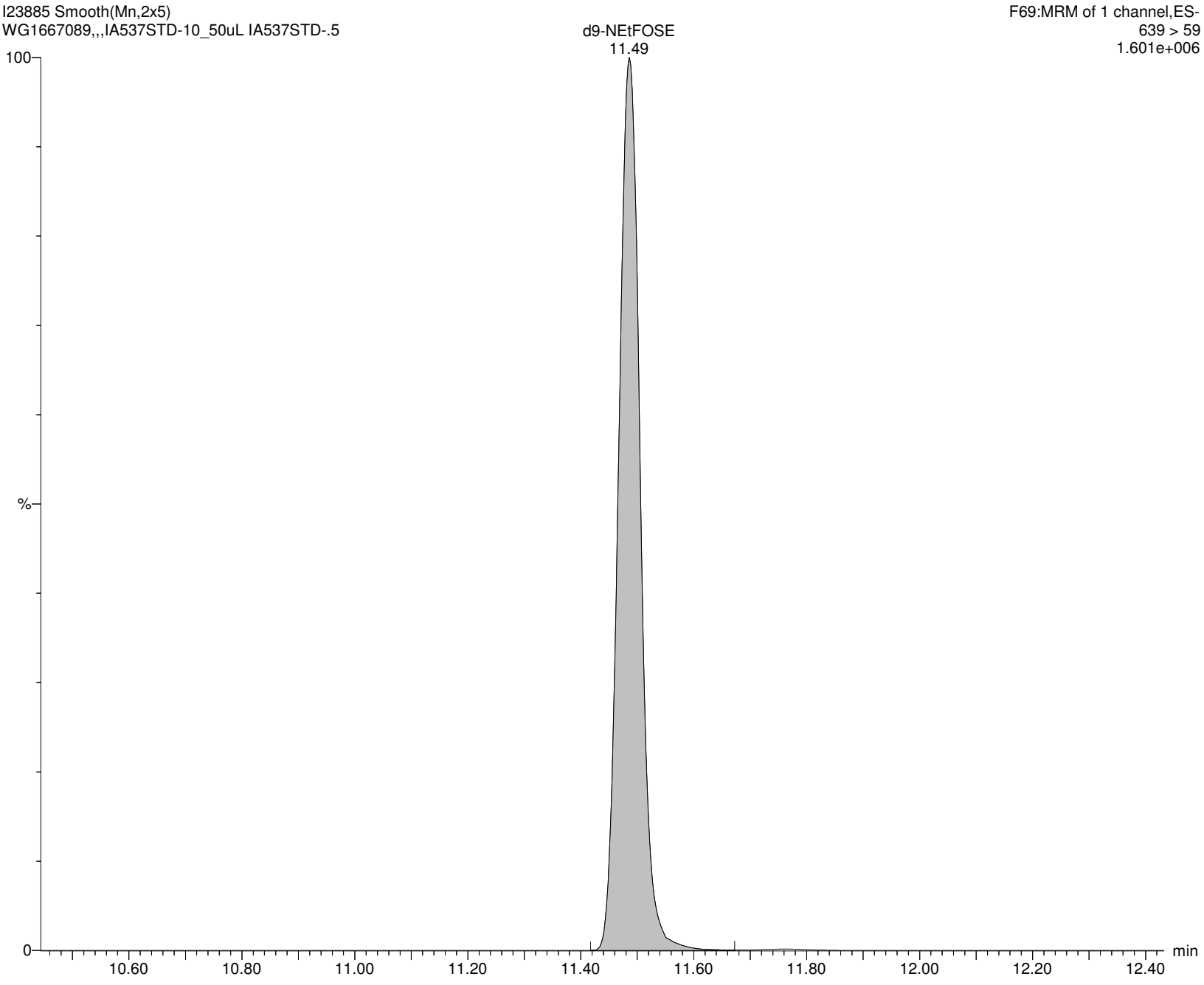


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

d9-NEtFOSE

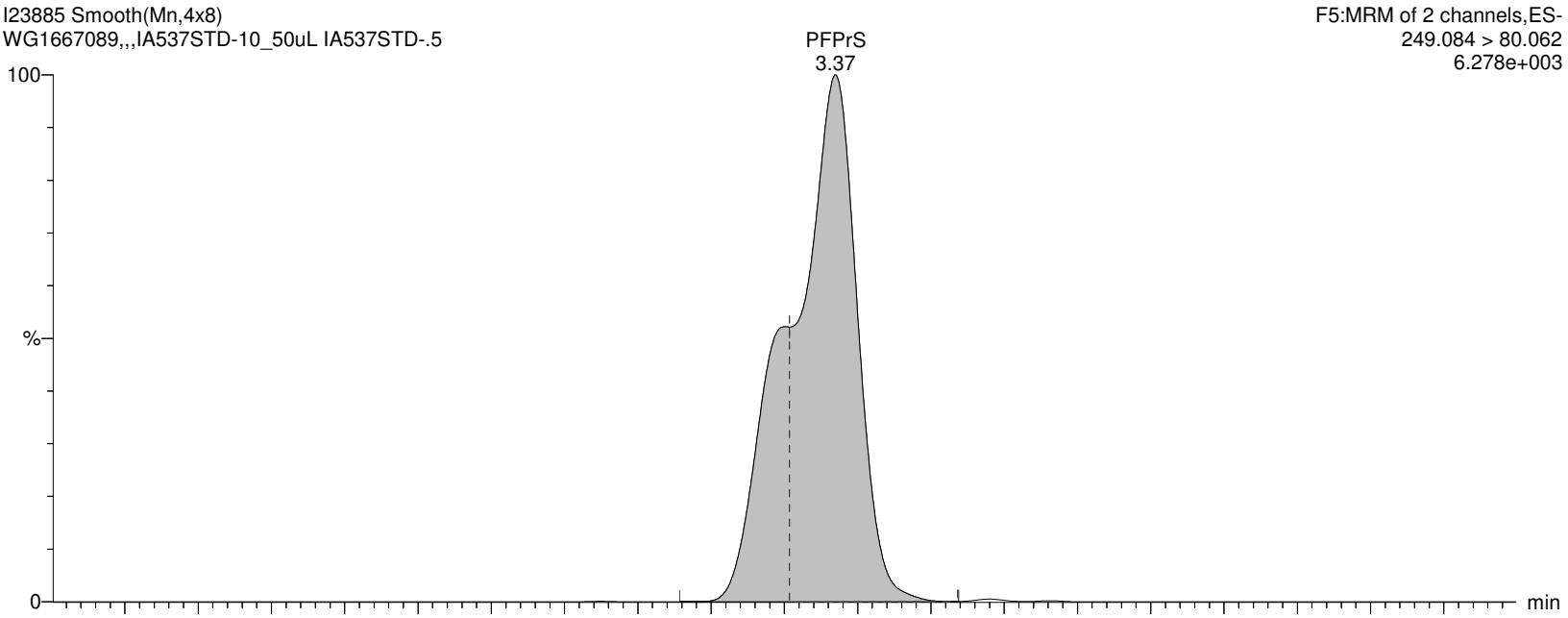


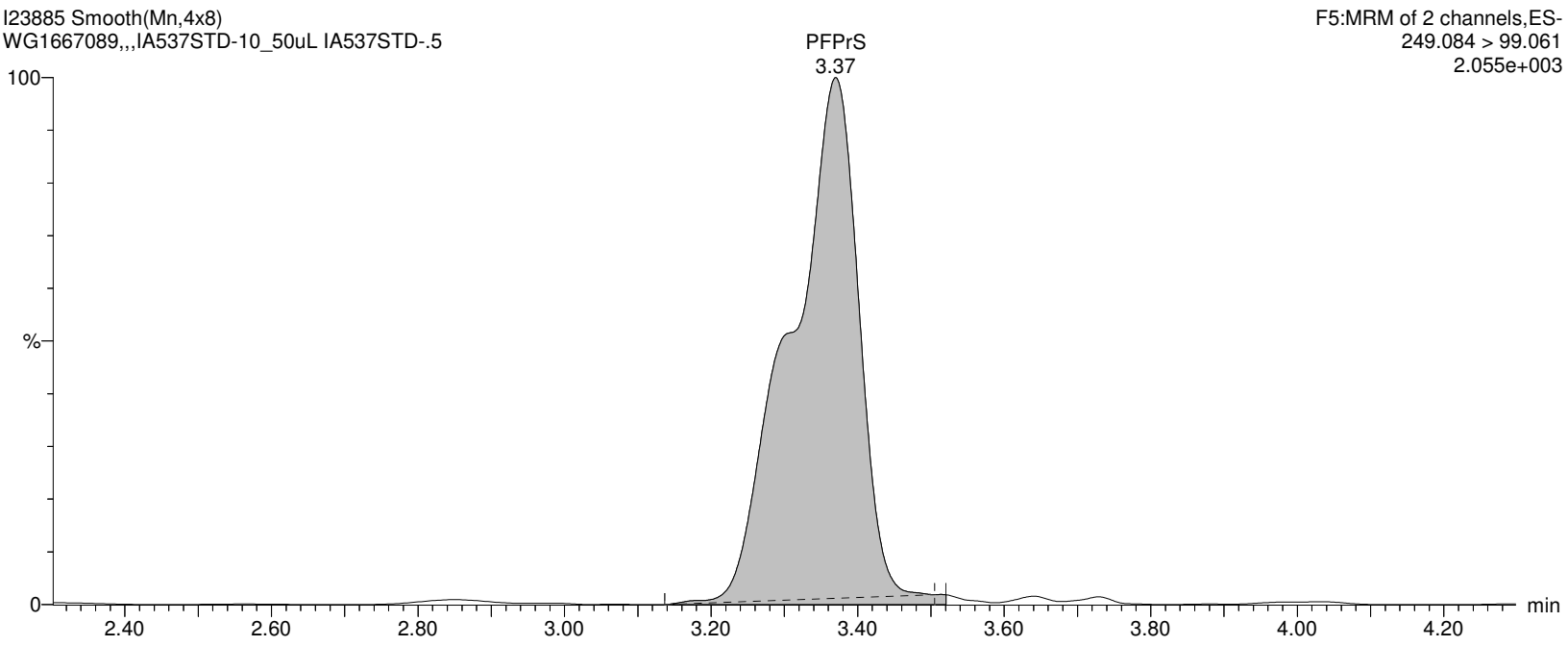
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFPrS



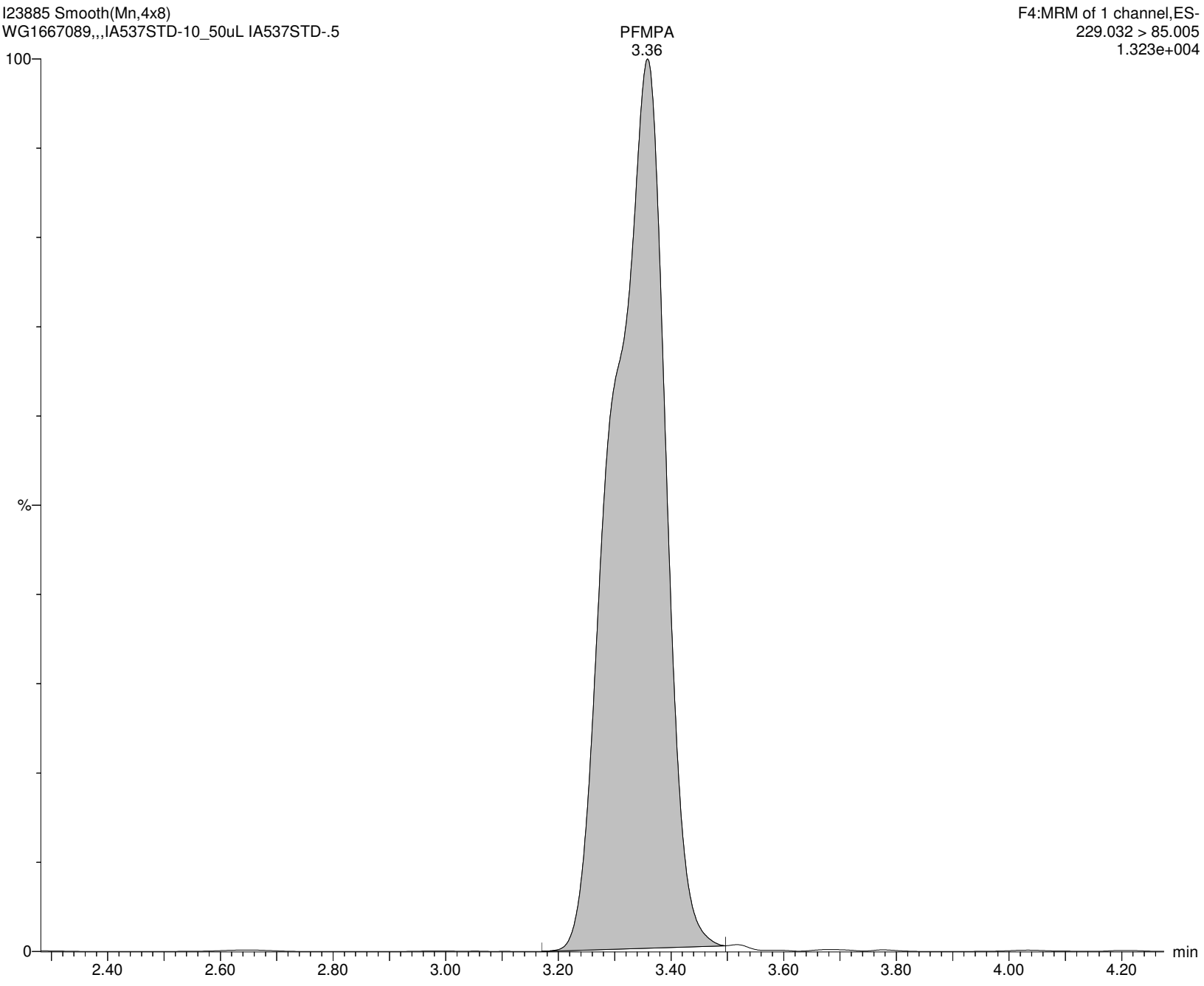


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFMPA

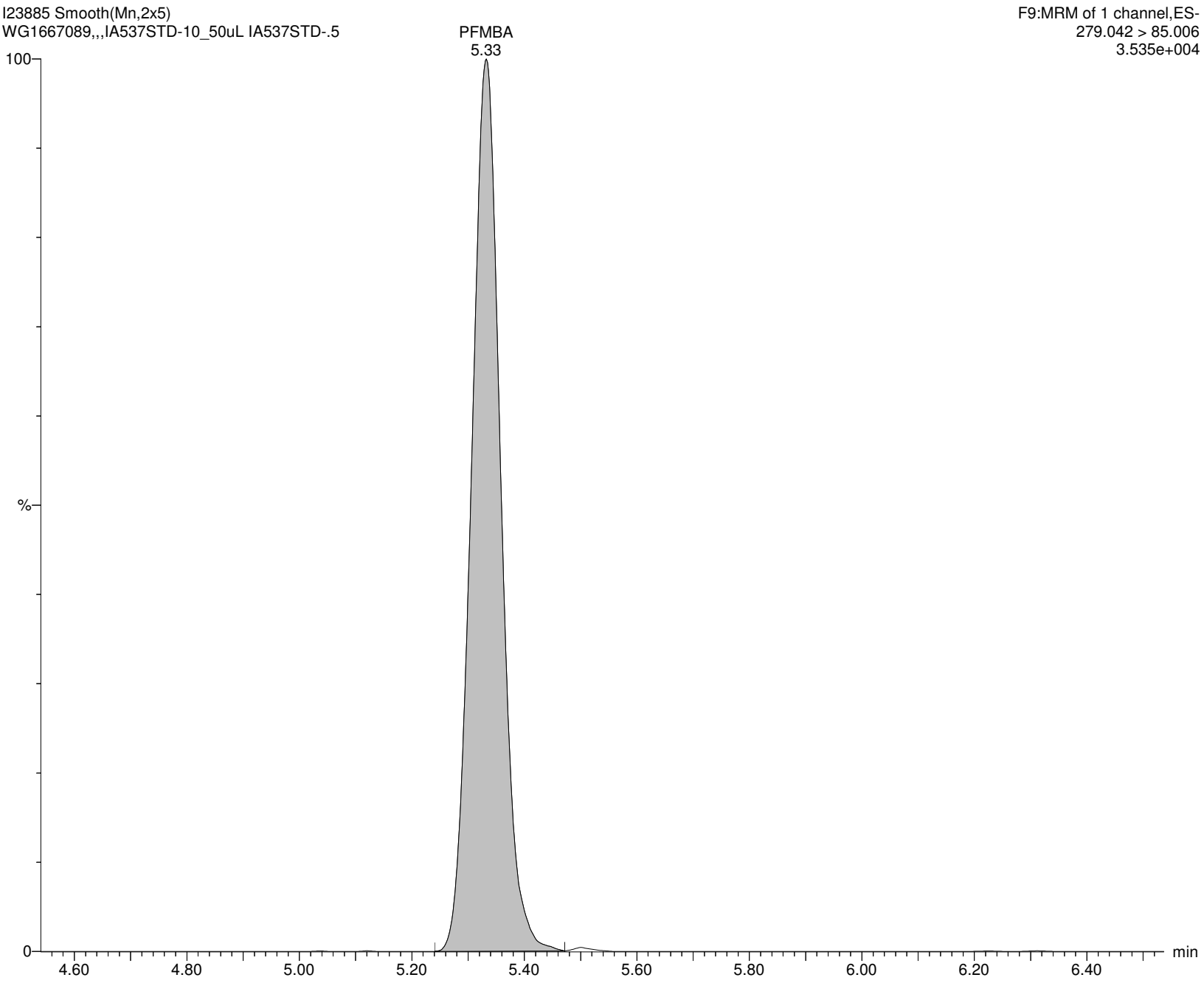


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFMBA

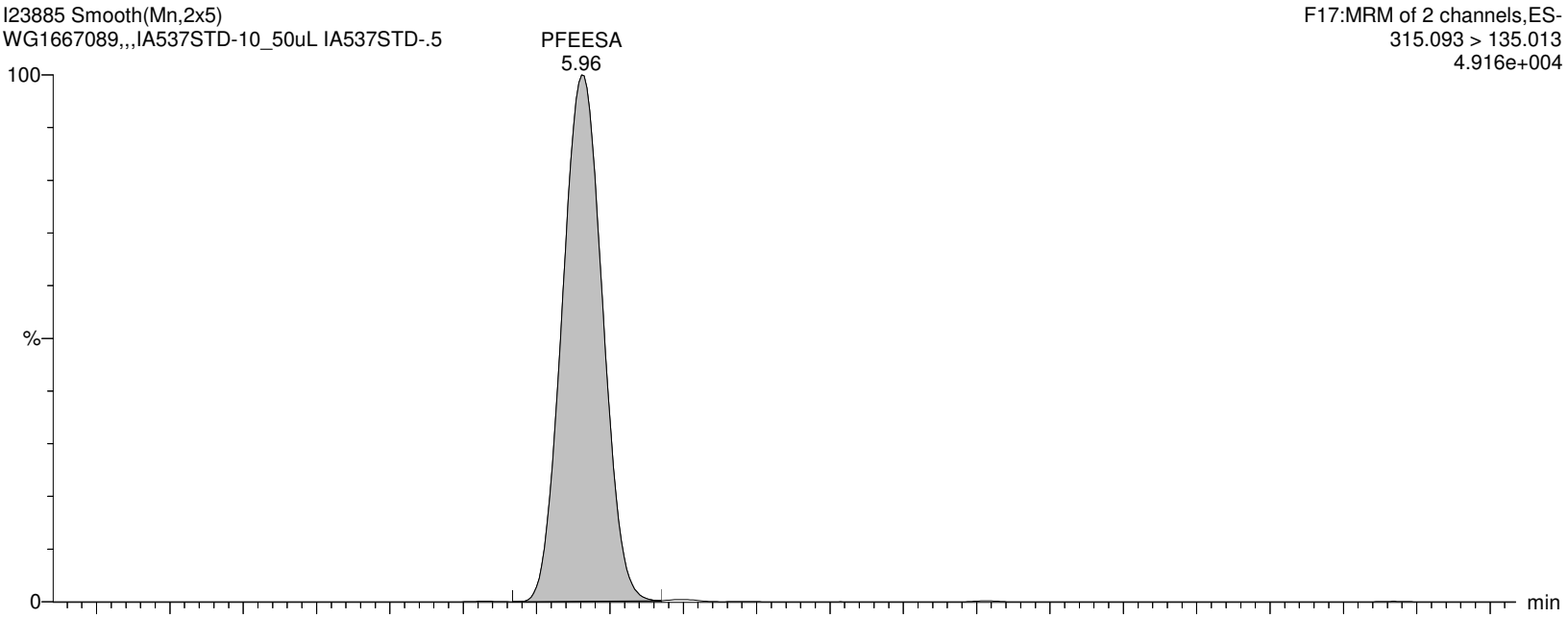


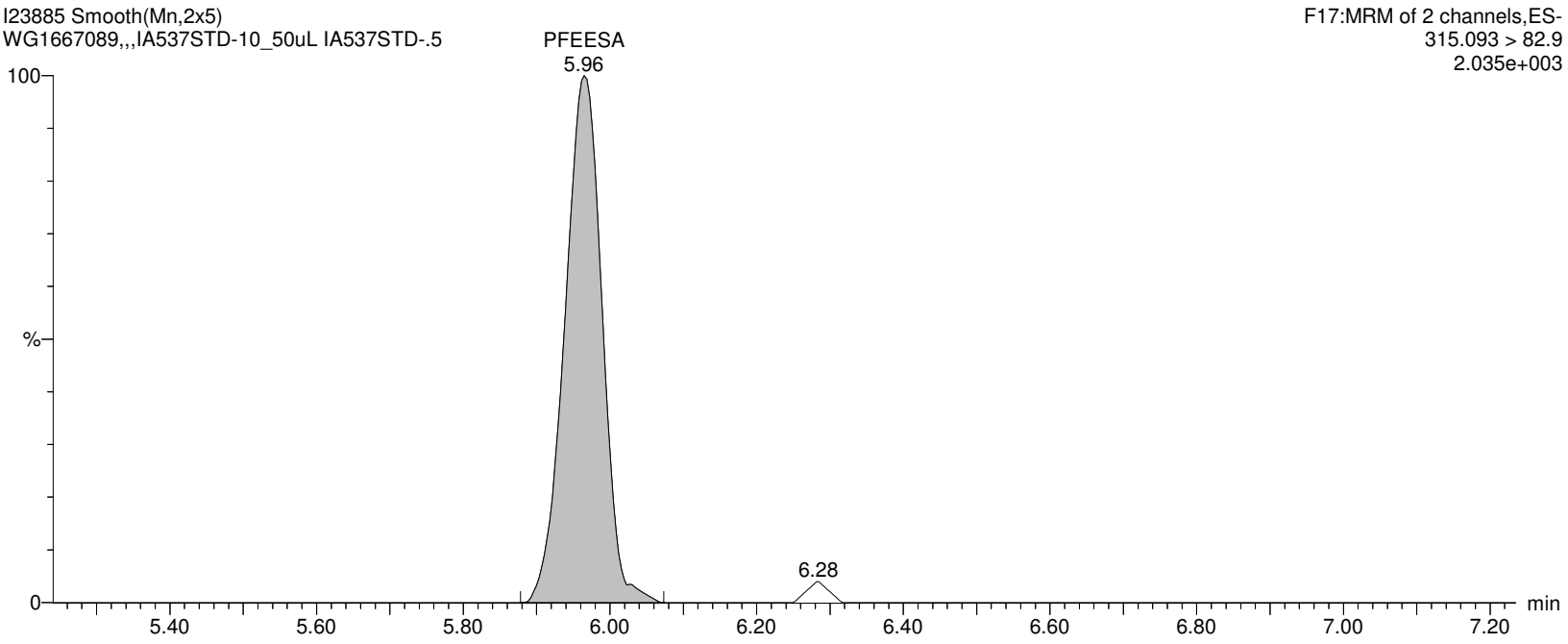
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFEESA



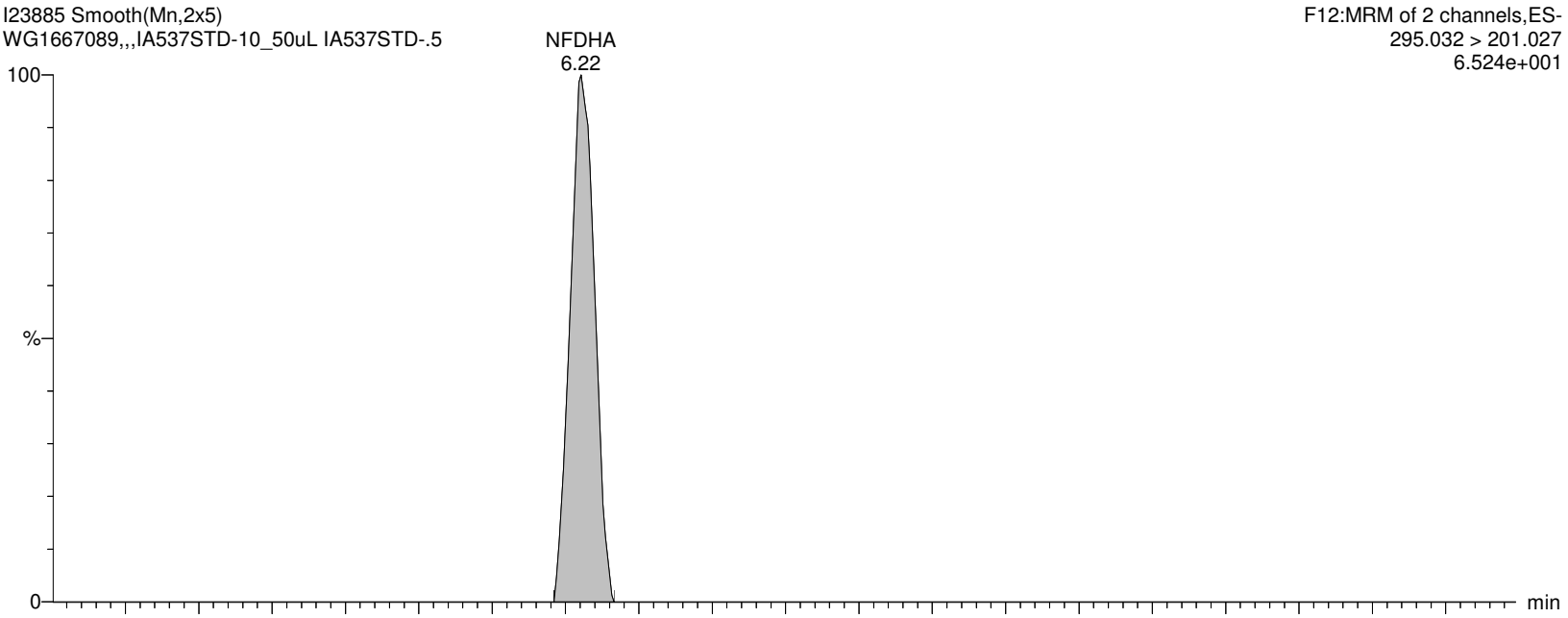


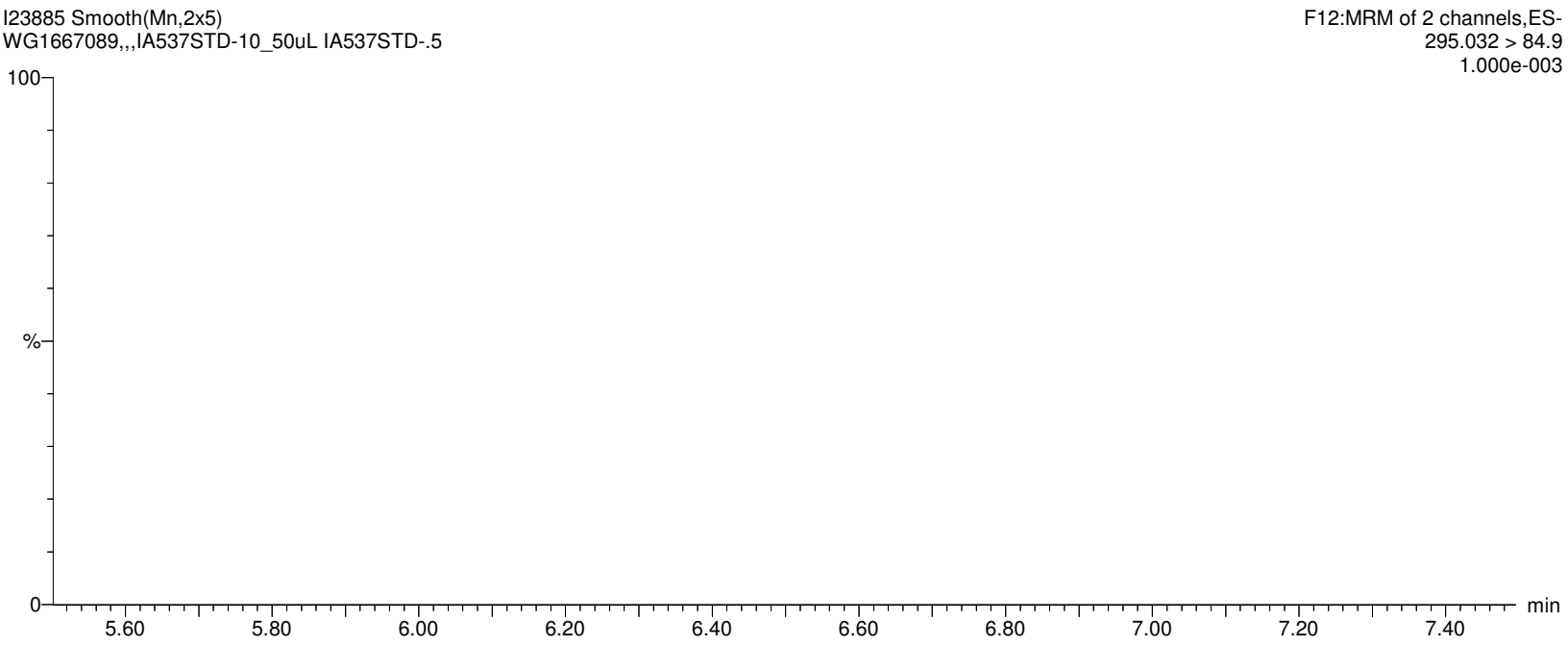
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NFDHA



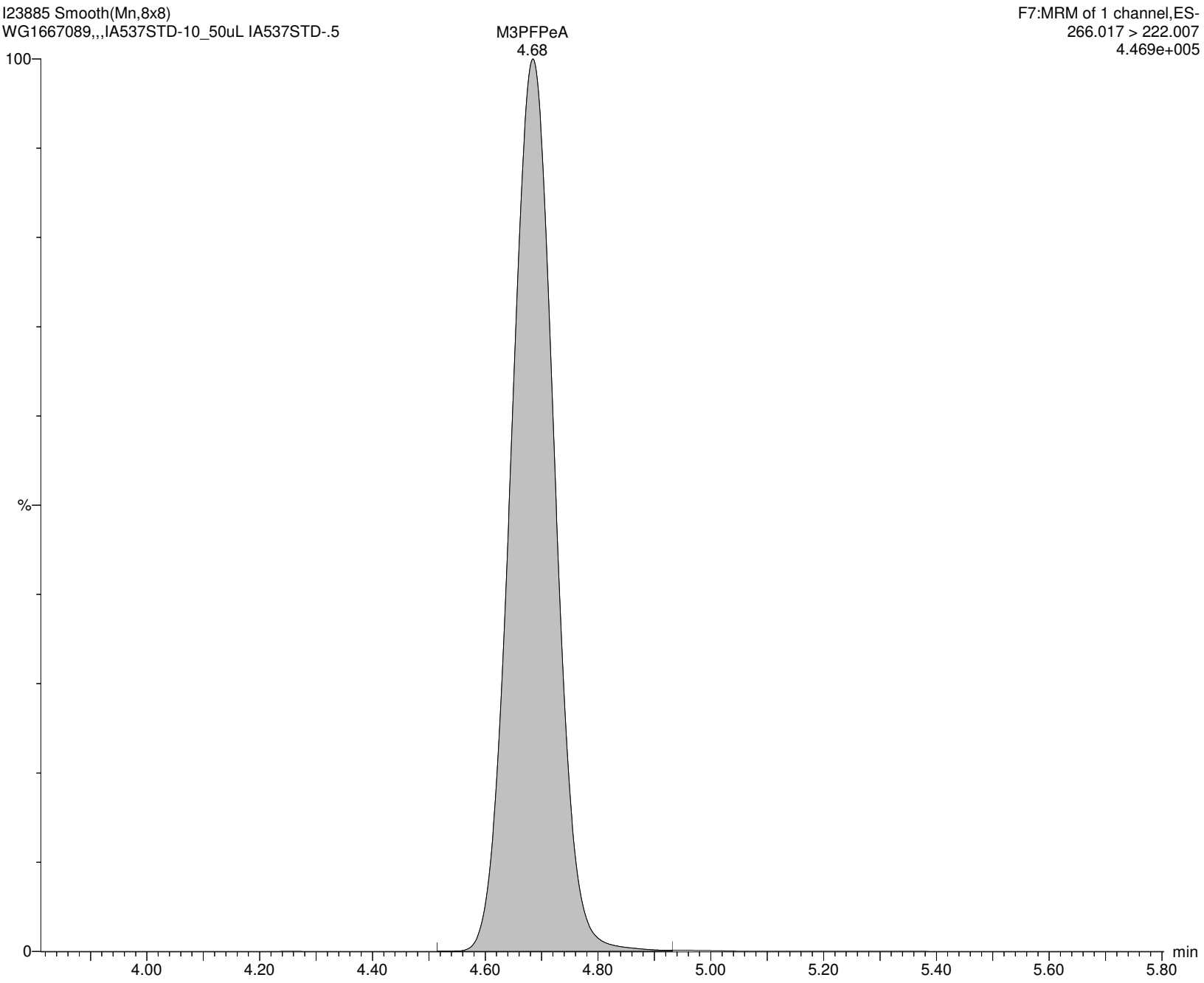


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M3PFPeA

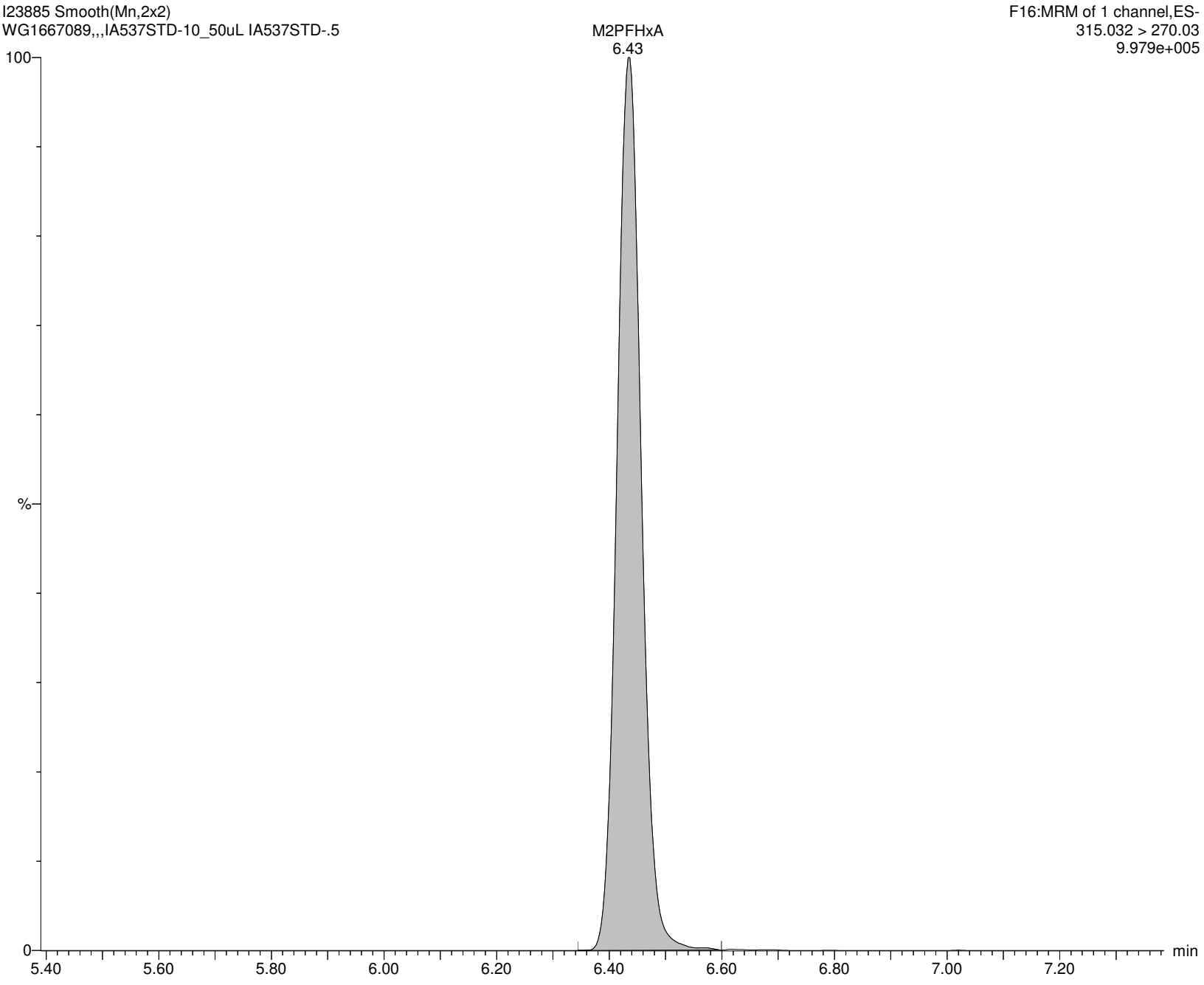


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2PFHxA

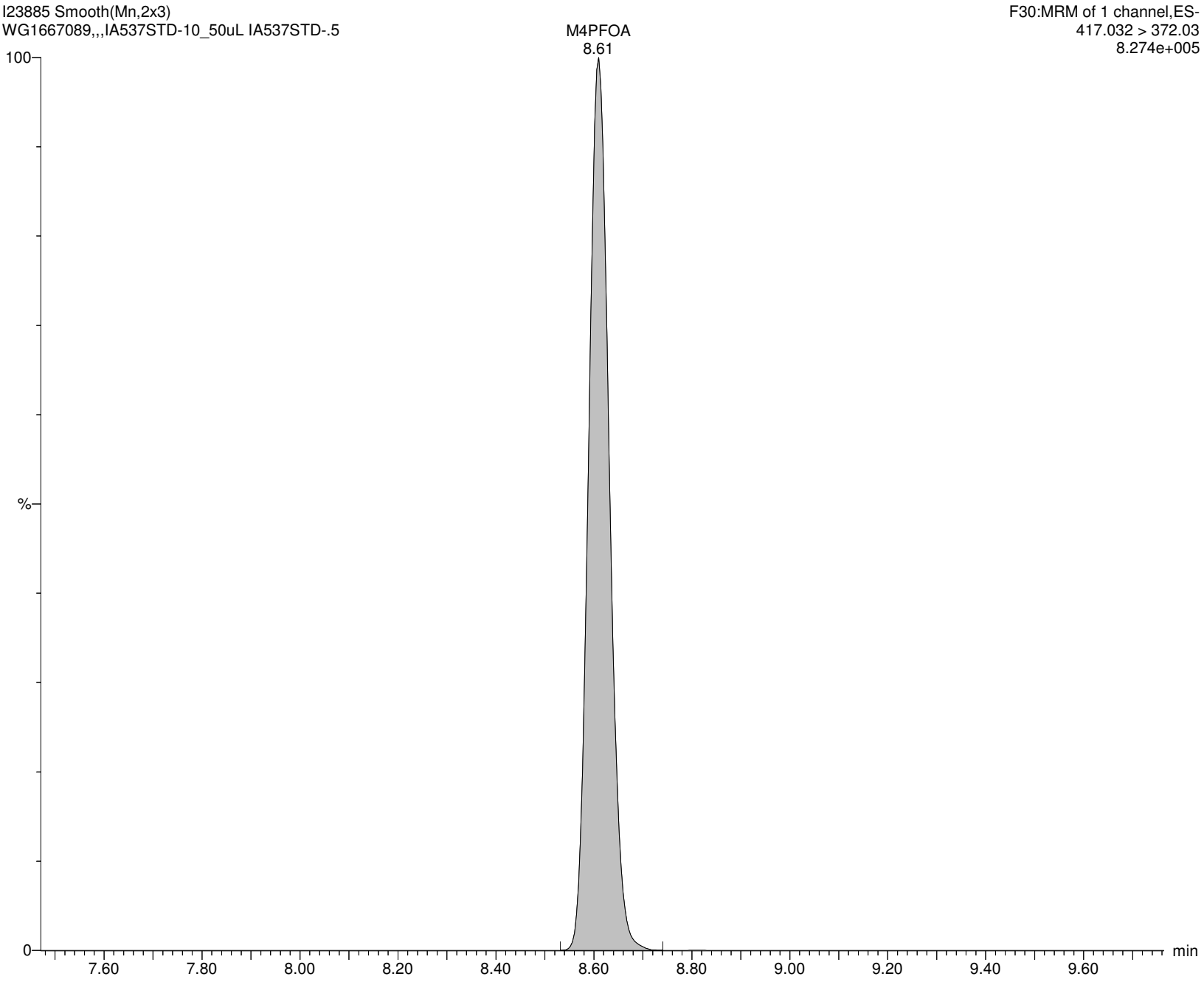


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:12 Eastern Daylight Time

Name: I23885
ID: IA537STD-.5
Date: 25-Jul-2022
Time: 23:54:30
Description: WG1667089,,,IA537STD-10_50uL
User: LCMS01:RS
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M4PFOA



all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\MethDB\537ISO_Q_220725.mdb 26 Jul 2022 09:31:55
Calibration: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\CurveDB\220725_ICAL.cdb 26 Jul 2022 09:37:13

ID: IA537STD-1
Name: I23886
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:RS
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.10	213.032 > 169.022	3316		0.856		na	85.6
2	M3PFBA	INT STD	2.12	216.009 > 171.999	36315		9.719		na	97.2
3	MPFBA	INT STD	2.12	217.001 > 171.999	40840		9.904		na	99.0
4	PFPeA	2706-90-3	4.68	263.039 > 219.03	3747		0.897		na	89.7
5	M5PFPEA	INT STD	4.68	268.001 > 222.999	40342		9.935		na	99.4
6	PFBS	375-73-5	5.26	299.092 > 80.062	1316		0.709	2.12	NO	79.9
7	M3PFBS	INT STD	5.26	302.069 > 80.062	15689		9.389		na	100.7
8	4:2FTS	757124-72-4	6.35	327.146 > 307.139	198		0.821	1.20	NO	87.6
9	M2-4:2FTS	INT STD	6.35	329.13 > 309.124	2574		7.697		na	82.1
10	PFHxA	307-24-4	6.43	313.047 > 269.037	4665		0.870	13.36	NO	87.0
11	M5PFHxA	INT STD	6.43	318.009 > 273.007	52258		10.554		na	105.5
12	PFPeS	2706-91-4	6.73	349.1 > 80.062	1602		0.936	2.16	NO	99.4
13	PFHpA	375-85-9	7.66	363.055 > 319.045	4121		0.912	4.02	NO	91.2
14	M4PFHpA	INT STD	7.66	367.025 > 322.022	43401		10.459		na	104.6
15	br-PFHxS	355-46-4	7.60	399.107 > 80.062	237	m5,m7	0.165	1.99	NO	87.4
16	L-PFHxS	355-46-4	7.83	399.107 > 80.062	1191	m4,m7	0.750	1.61	NO	92.5
17	PFHxS	355-46-4		399.107 > 80.062	1428		0.916		na	
18	M3PFHxS	INT STD	7.83	402.084 > 80.062	16445		9.449		na	99.7
19	br-PFOA	335-67-1		413.063 > 369.053			ND		YES	
20	L-PFOA	335-67-1	8.60	413.063 > 369.053	3804		0.820	14.04	YES	82.0
21	PFOA	335-67-1		413.063 > 369.053	3804		0.820		na	
22	M8PFOA	INT STD	8.60	421.002 > 376.	40630		10.536		na	105.4
23	M2PFOA	INT STD	8.60	415.048 > 370.045	39789		9.537		na	95.4
24	6:2FTS	27619-97-2	8.56	427.161 > 407.155	226		0.806	2.35	NO	84.7
25	M2-6:2FTS	INT STD	8.56	429.146 > 409.14	3231		8.097		na	85.1
26	PFHpS	375-92-8	8.70	449.115 > 80.062	1601		0.825	1.86	NO	86.5
27	PFNA	375-95-1	9.36	463.071 > 419.061	3895		0.926	3.10	NO	92.6
28	M9PFNA	INT STD	9.36	472.002 > 427.	36187		10.045		na	100.4
29	br-PFOS	1763-23-1	9.16	499.123 > 80.062	355	m5,m7	0.171	4.72	NO	81.0
30	L-PFOS	1763-23-1	9.42	499.123 > 80.062	1165		0.716	1.77	NO	90.8
31	PFOS	1763-23-1		499.123 > 80.062	1520		0.887		na	
32	M4PFOS	INT STD	9.42	503.093 > 80.062	16380		10.291		na	102.9
33	M8PFOS	INT STD	9.42	507.062 > 80.062	17271		10.286		na	107.3
34	PFDA	335-76-2	9.99	513.078 > 469.069	1899		0.668	1.48	NO	66.8
35	M2PFDA	INT STD	10.00	515.063 > 470.061	31416		10.245		na	102.5
36	M6PFDA	INT STD	10.00	519.033 > 474.03	27575		10.169		na	101.7
37	8:2FTS	39108-34-4	9.99	527.177 > 507.171	216		1.120	1.92	NO	116.7
38	M2-8:2FTS	INT STD	9.99	529.162 > 509.155	2845		9.838		na	102.5
39	PFNS	68259-12-1	10.04	549.131 > 80.062	948		0.561	2.07	NO	58.3

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

ID: IA537STD-1
Name: I23886
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:RS
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.41	573.22 > 419.061	6337		9.997		na	100.0
41	br-NMeFOSAA	2355-31-9	10.26	570.202 > 419.061	12	m5,m7	0.080	1.01	NO	33.2
42	L-NMeFOSAA	2355-31-9	10.41	570.202 > 419.061	283		0.681	2.31	NO	89.6
43	NMeFOSAA	2355-31-9		570.202 > 419.061	294		0.760		na	
44	PFUnA	2058-94-8	10.55	563.086 > 519.076	3212		1.167	5.69	NO	116.7
45	M7-PFUDA	INT STD	10.55	570.033 > 525.031	26881		9.819		na	98.2
46	PFDS	335-77-3	10.56	598.926 > 80.062	935		0.723	4.16	YES	74.9
47	FOSA	754-91-6	10.55	498.146 > 78.07	3113		0.713		YES	71.3
48	M8FOSA	INT STD	10.55	506.077 > 78.07	45497		10.490		na	104.9
49	d5-NEtFOSAA	INT STD	10.71	589.259 > 419.061	6548		10.070		na	100.7
50	br-NEtFOSAA	2991-50-6	10.57	584.229 > 419.061	13	m5,m7	0.076	0.49	NO	33.9
51	L-NEtFOSAA	2991-50-6	10.72	584.229 > 419.061	249		0.585	1.15	NO	75.5
52	NEtFOSAA	2991-50-6		584.229 > 419.061	261		0.661		na	
53	PFDoA	307-55-1	11.03	613.094 > 569.084	2665		0.831	13.37	YES	83.1
54	MPFDOA	INT STD	11.03	615.079 > 570.077	33250		10.286		na	102.9
55	PFTrDA	72629-94-8	11.46	663.102 > 619.092	1451		0.809	6.28	NO	80.9
56	PFTA	376-06-7	11.83	713.11 > 669.1	1229	m7	0.755	29.84	YES	75.5
57	M2PFTEDA	INT STD	11.83	715.094 > 670.092	17460		9.815		na	98.1
58	M3HFPO-DA	INT STD	6.84	287.02 > 169.022	40223		248.826		na	124.4
59	HFPO-DA	13252-13-6	6.84	285.035 > 169.022	1503	m7	7.011	32.98	NO	70.1
60	ADONA	958445-44-8	7.84	377.06 > 251.028	5461	m7	0.870	34.89	NO	92.1
61	PFHxDA		12.45	813.122 > 769.116	2317	m7	0.984	21.49	NO	98.4
62	PFODA		12.77	913.411 > 869.131	455		0.848	24.57	NO	84.8
63	M2PFHxDA		12.45	815.102 > 770.108	19552		10.056		na	100.6
64	PFDoS		11.45	699.154 > 80.062	1016		0.733	2.13	NO	75.7
65	M2D4-10:2FTS		11.04	633.201 > 612.189	3593		22.843		na	116.5
66	10:2FTS		11.04	627.192 > 607.186	153	m2,m7	0.606	1.52	NO	62.7
67	9CL-PF3ONS		9.78	530.862 > 350.843	2011		0.672	7.34	YES	72.0
68	11CL-PFOUdS		10.83	630.862 > 450.854	1224		0.728	2.63	NO	77.2
69	NMeFOSA		11.19	512.163 > 169.022	5161		4.670	2.85	NO	93.4
70	d3-NMeFOSA		11.18	515.183 > 169.022	106842		99.044		na	99.0
71	NEtFOSA		11.50	526.192 > 169.022	5435		4.033	7.92	NO	80.7
72	d5-NEtFOSA		11.49	531.222 > 169.022	124287		101.027		na	101.0
73	NMeFOSE		11.19	616 > 59	3485		2.294		na	91.7
74	d7-NMeFOSE		11.17	623 > 59	88665		96.186		na	96.2
75	NEtFOSE		11.49	630 > 59	2971		2.313		na	92.5
76	d9-NEtFOSE		11.47	639 > 59	65236		94.065		na	94.1
77	PFPrS		3.37	249.084 > 80.062	1347	m3,m7	0.796	3.42	NO	86.5
78	PFMPA		3.36	229.032 > 85.005	2751		0.943		na	94.3
79	PFMBA		5.33	279.042 > 85.006	4048		0.923		na	92.3
80	PFEESA		5.96	315.093 > 135.013	6315		0.801	18.42	NO	90.0
81	NFDHA		6.21	295.032 > 201.027	11	m2	0.479		YES	47.9
82	M3PFPeA		4.68	266.017 > 222.007	40035		10.455		na	104.6

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

ID: IA537STD-1
Name: I23886
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:RS
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
83	M2PFHxA		6.43	315.032 > 270.03	50777		10.896		na	109.0
84	M4PFOA		8.60	417.032 > 372.03	41939		10.974		na	109.7

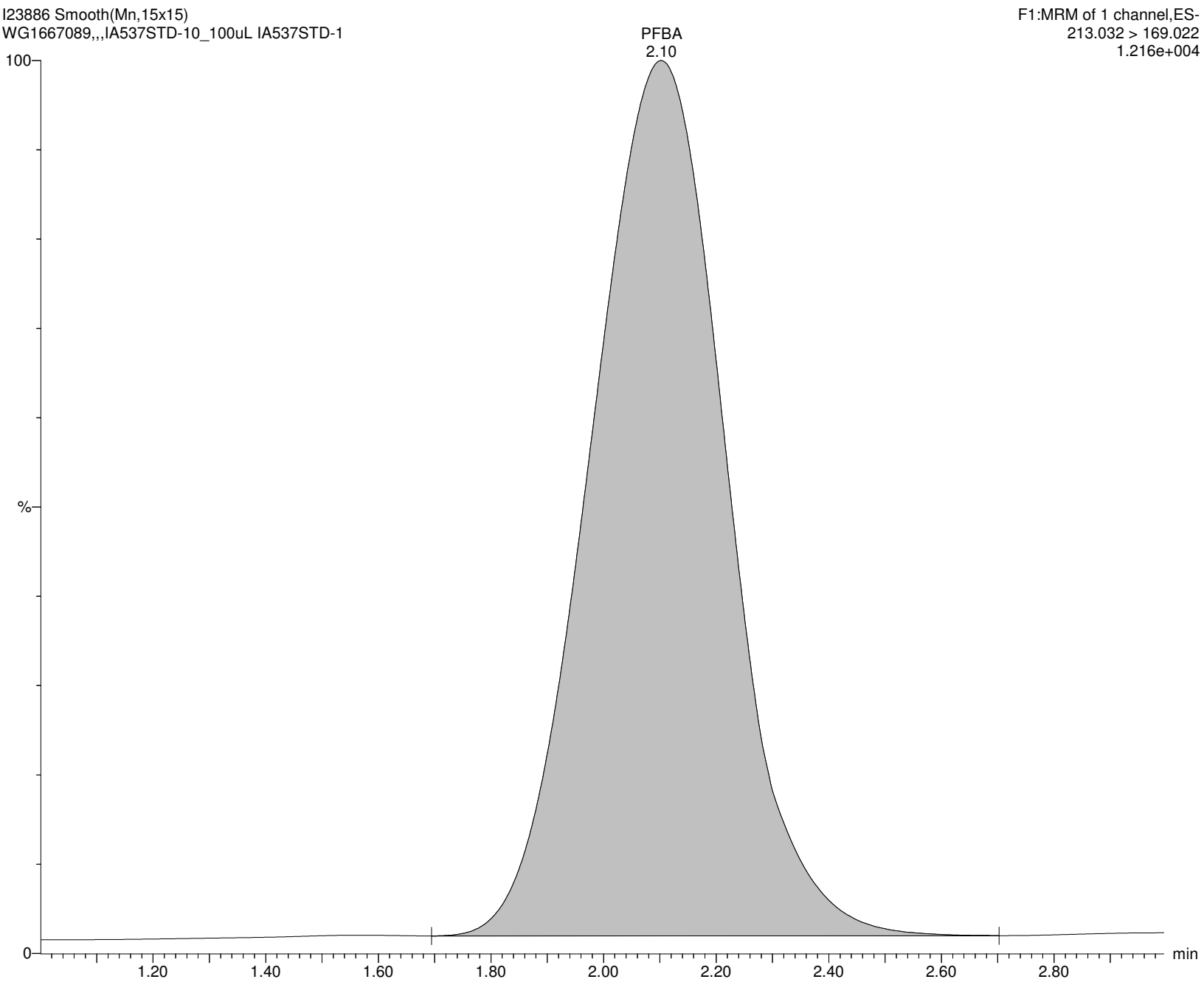
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\MethDB\537ISO_Q_220725.mdb 26 Jul 2022 09:31:55
Calibration: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\CurveDB\220725_ICAL.cdb 26 Jul 2022 09:37:13

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFBA

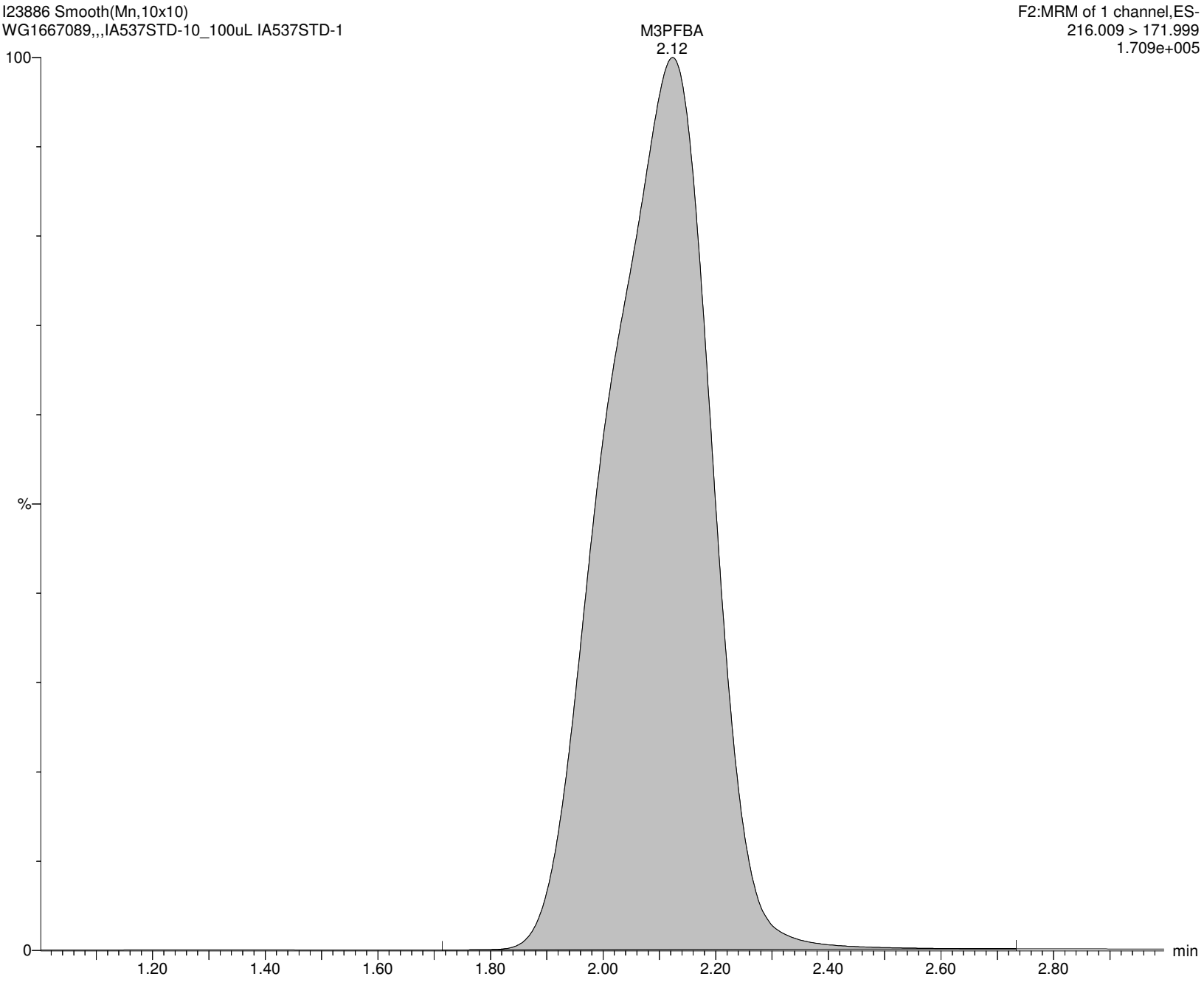


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M3PFBA

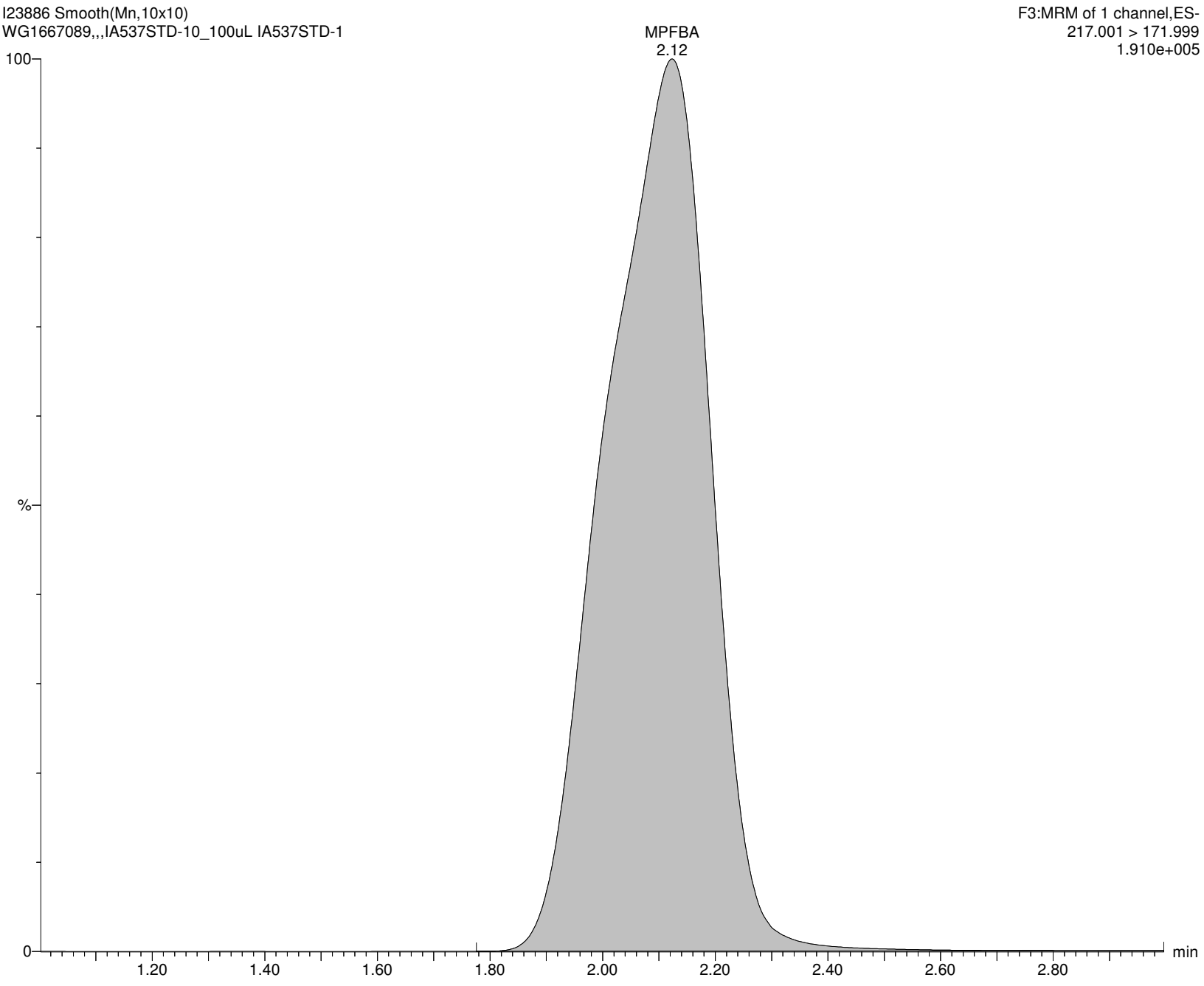


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

MPFBA

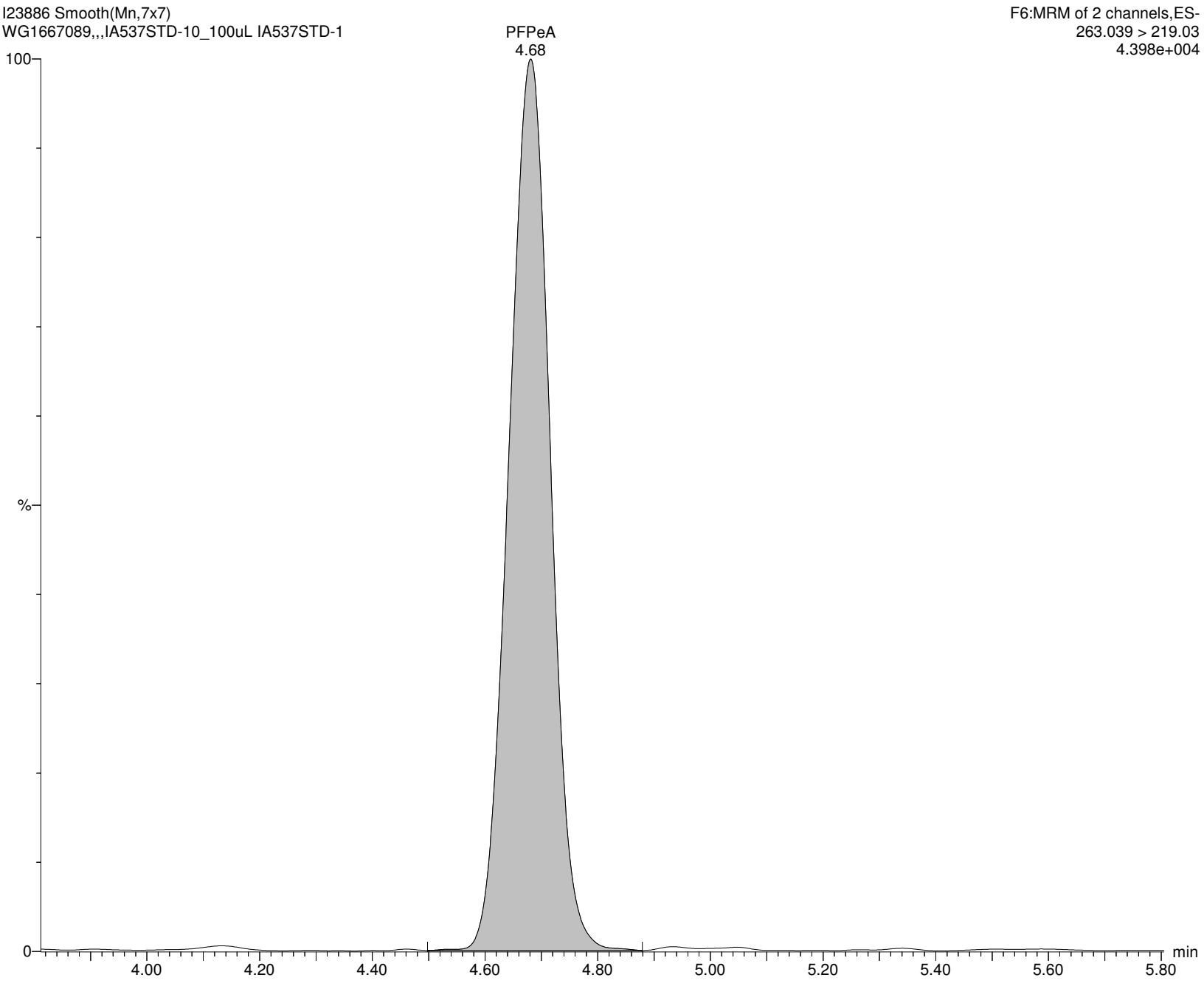


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFPeA

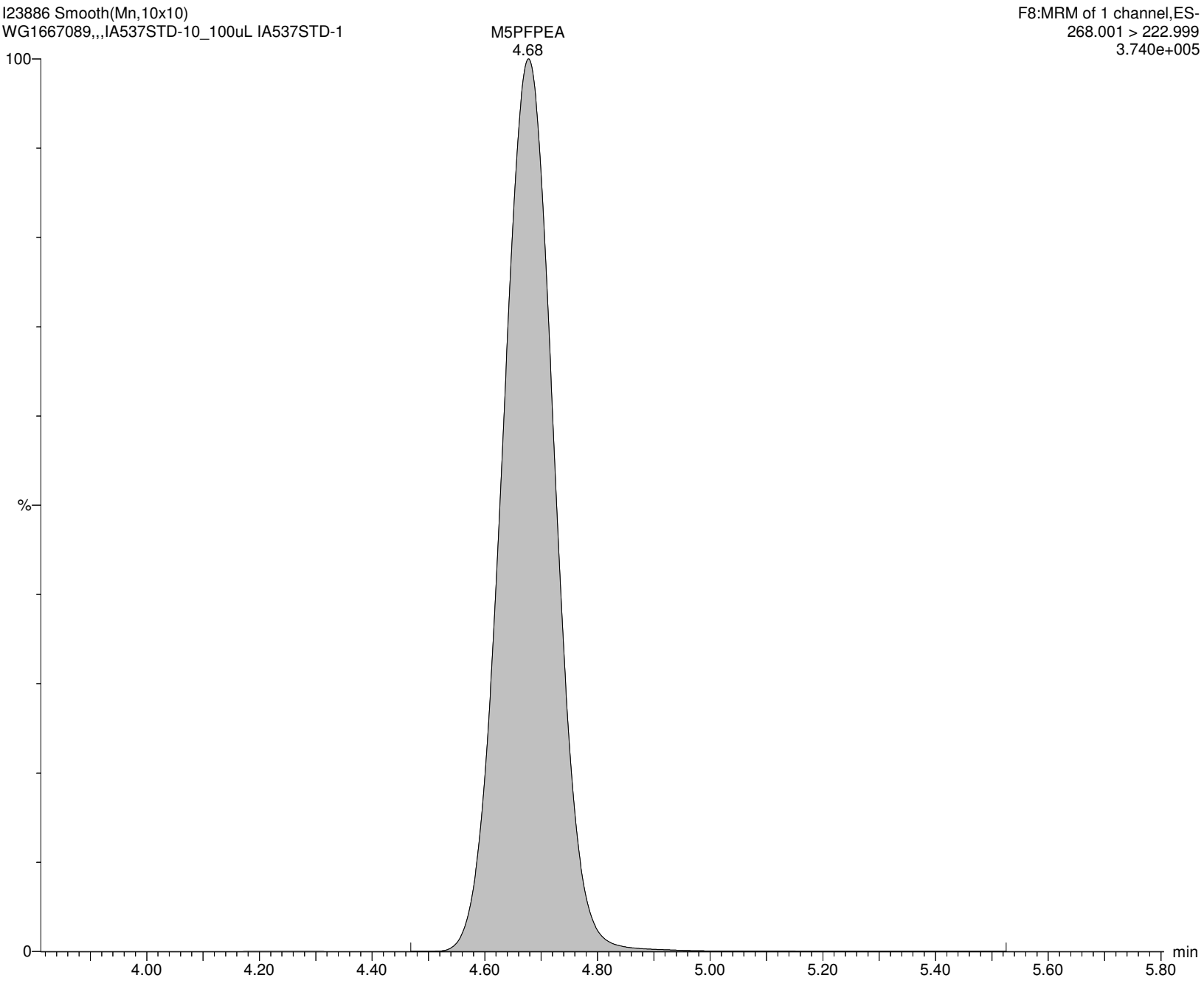


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M5PFPEA

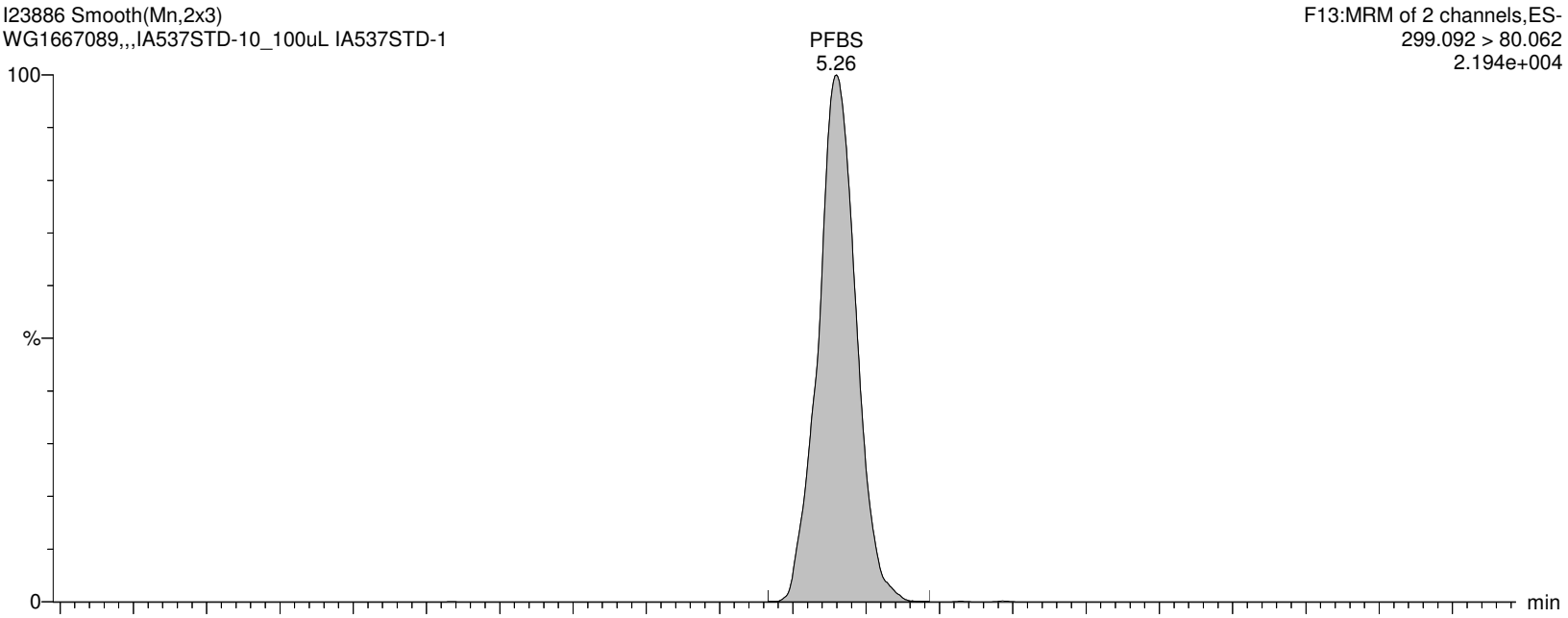


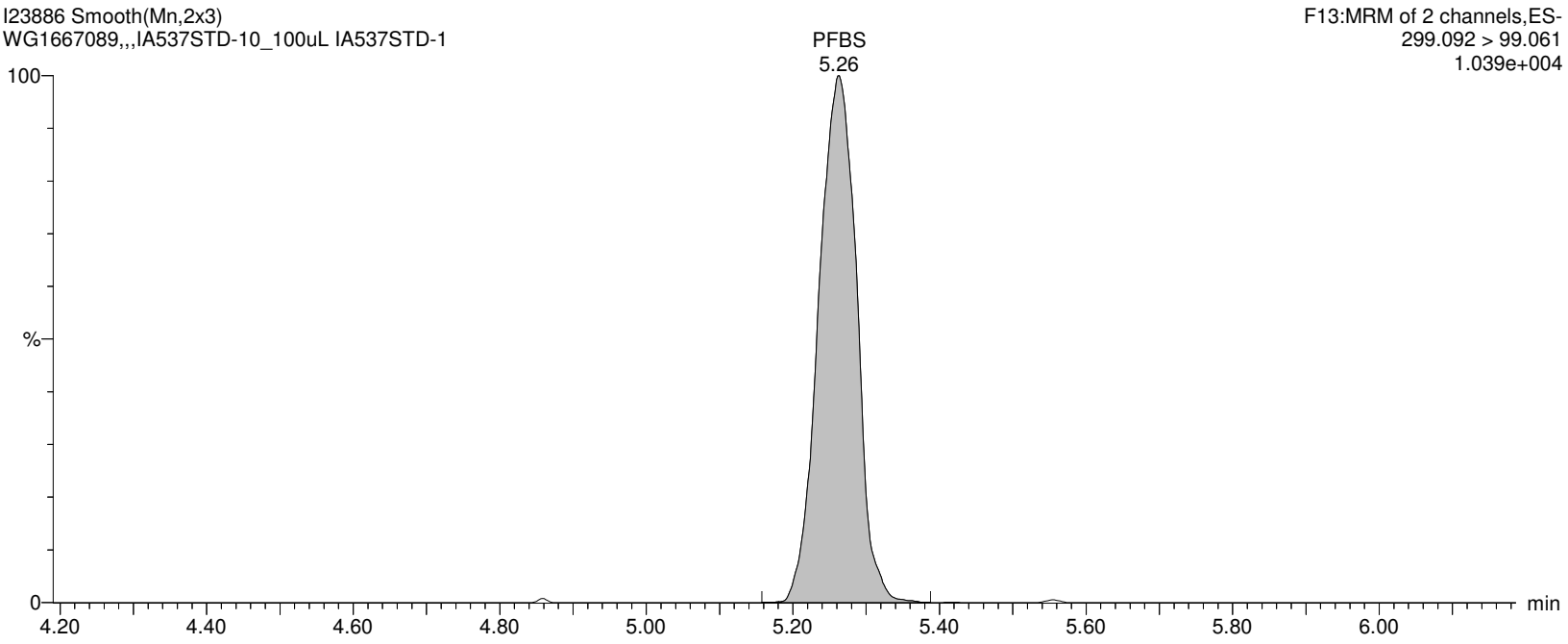
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFBS



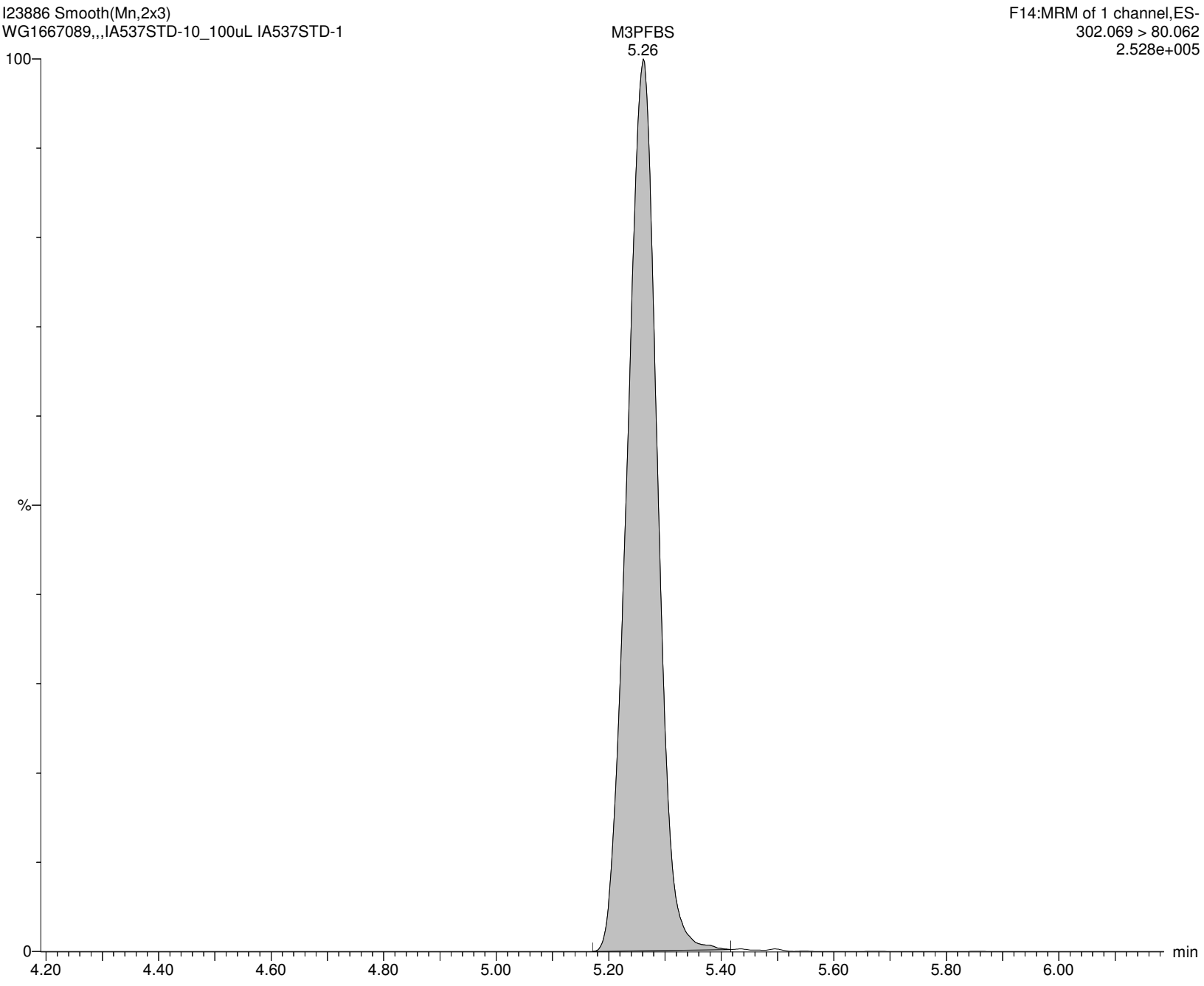


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M3PFBS

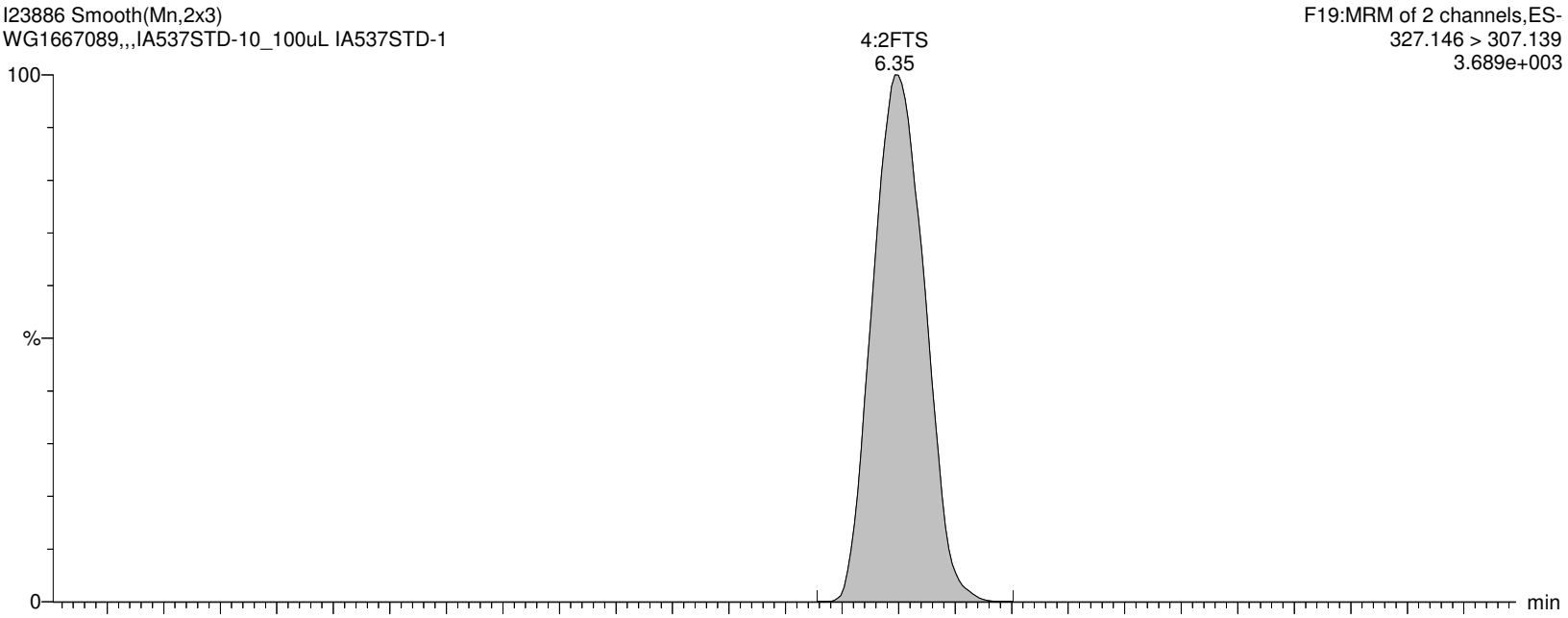


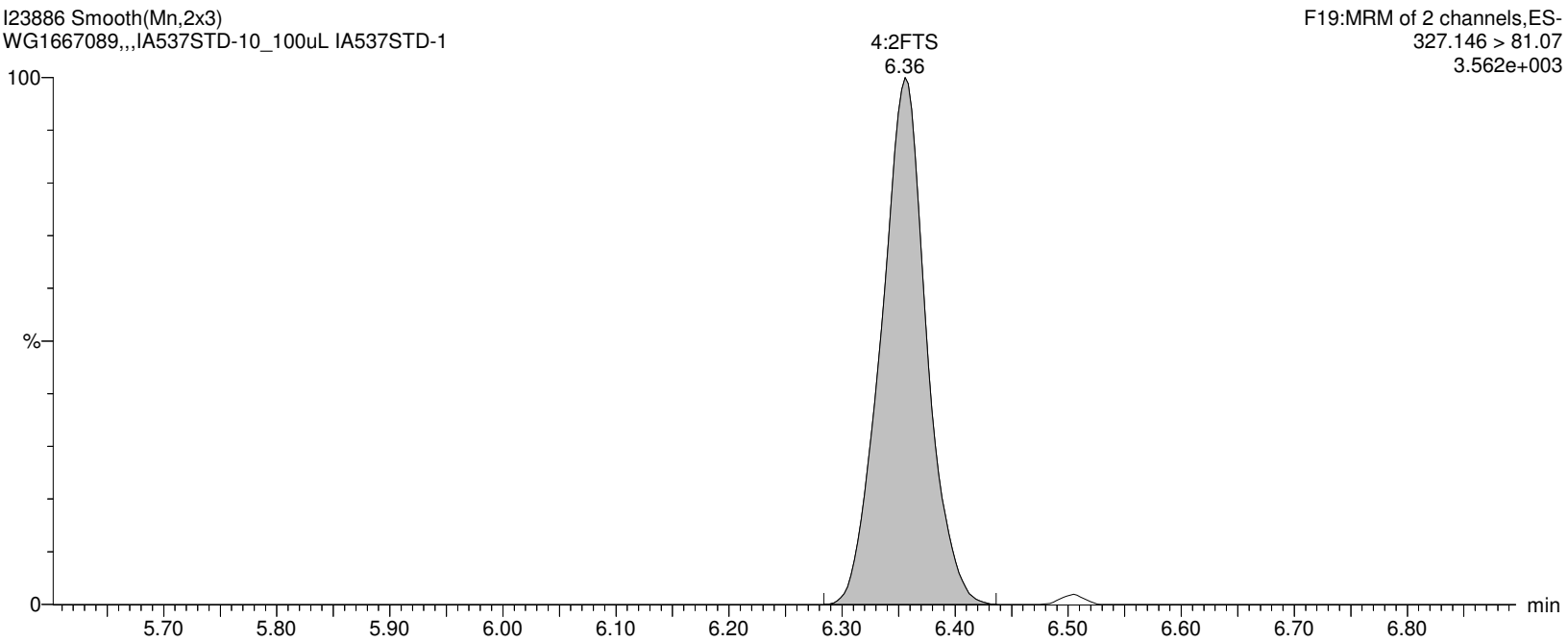
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

4:2FTS



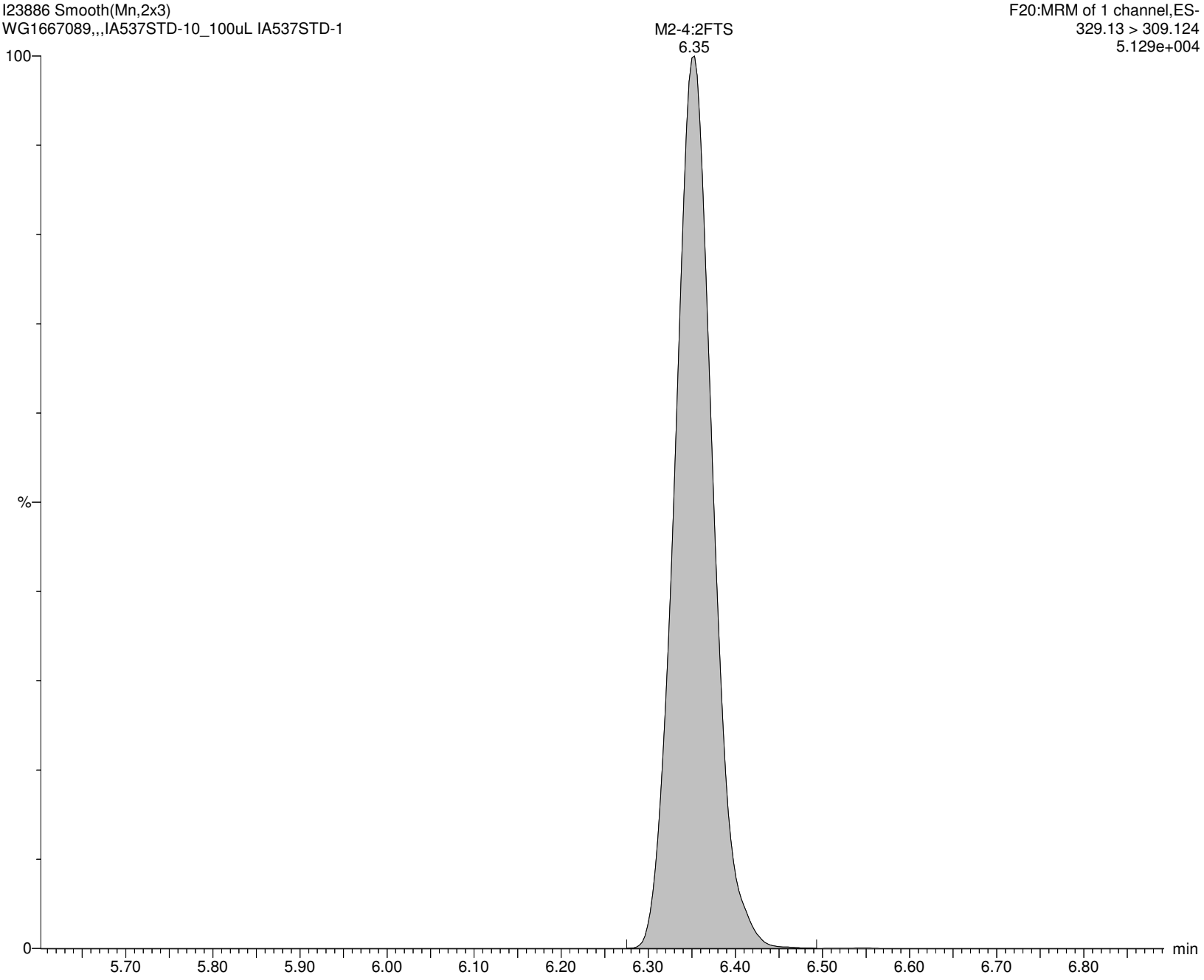


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2-4:2FTS

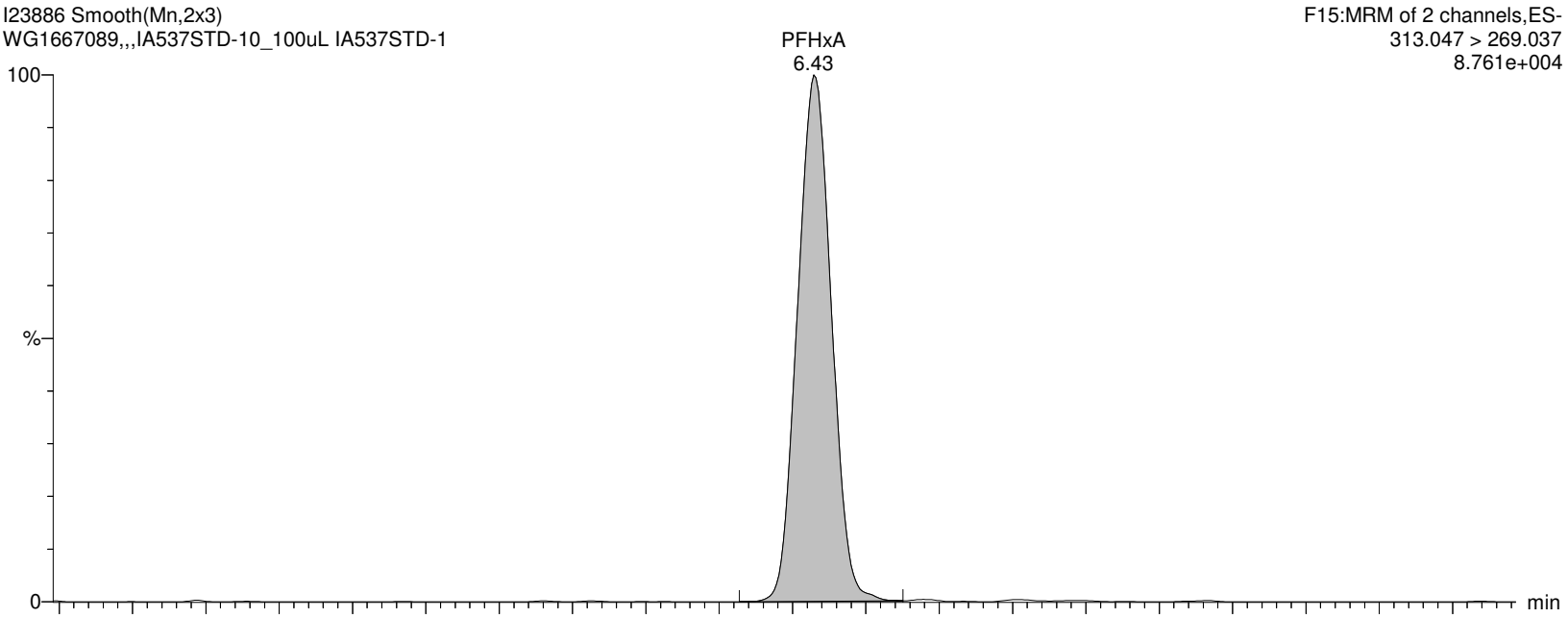


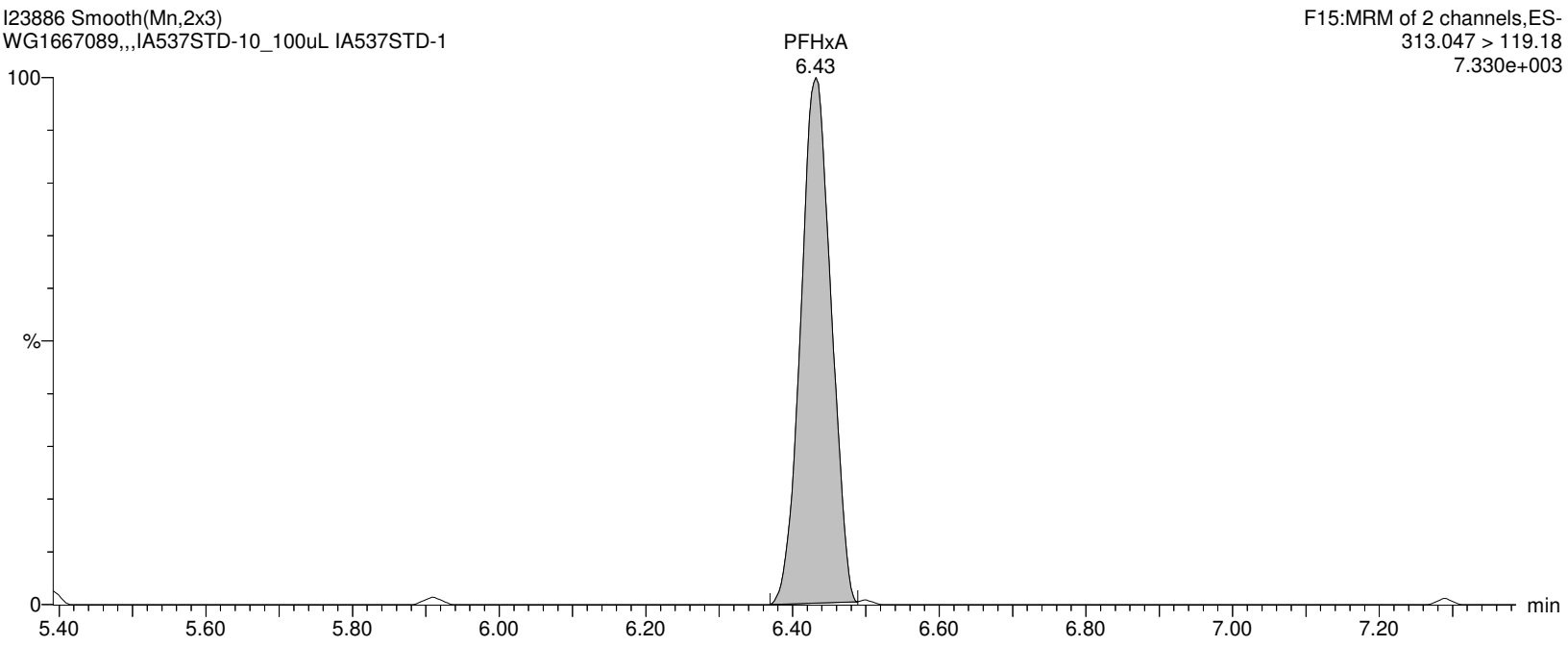
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFHxA



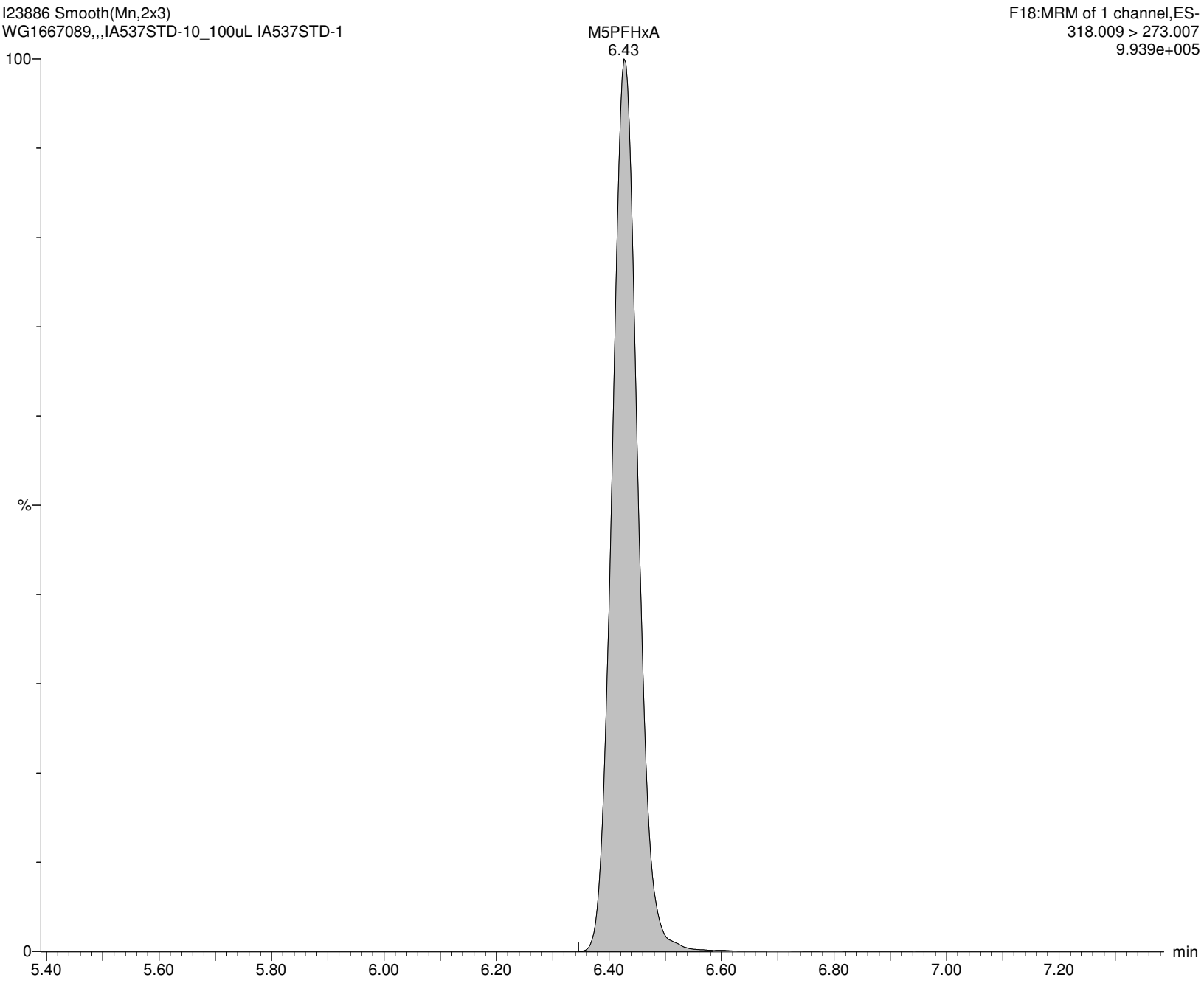


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M5PFHxA

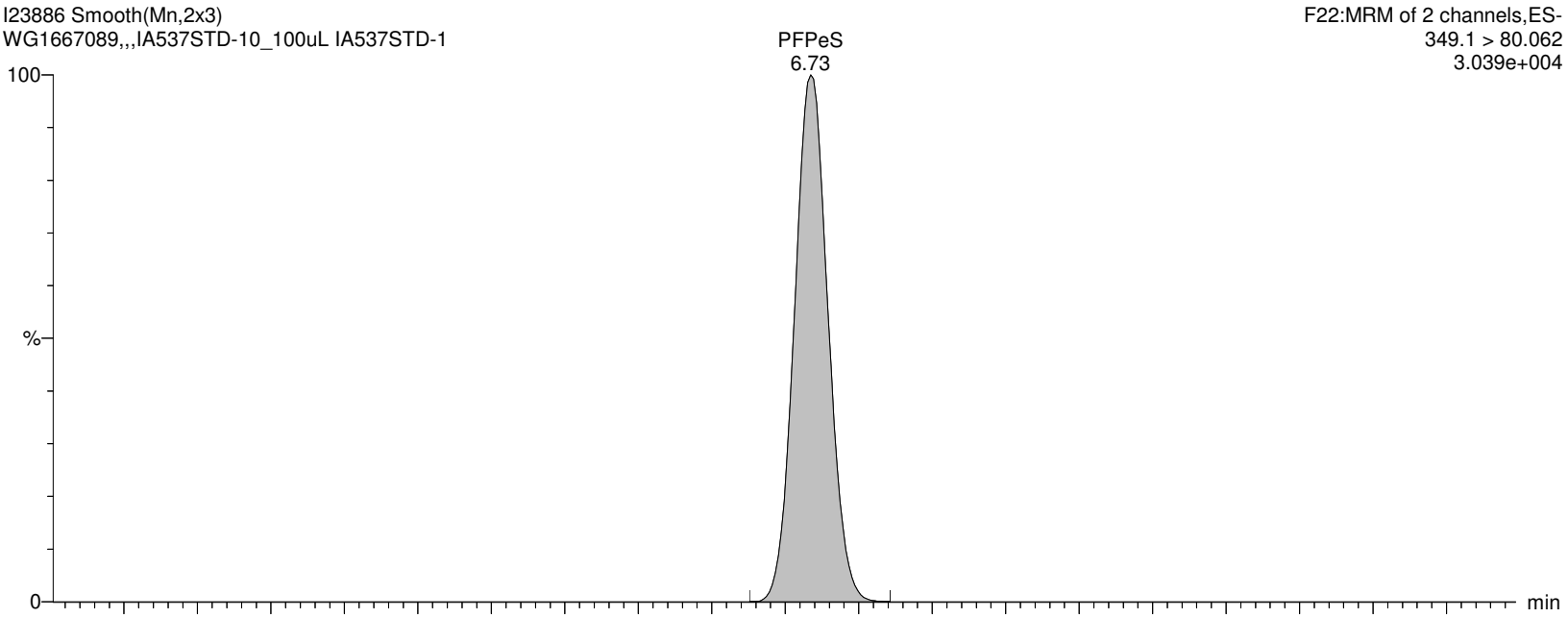


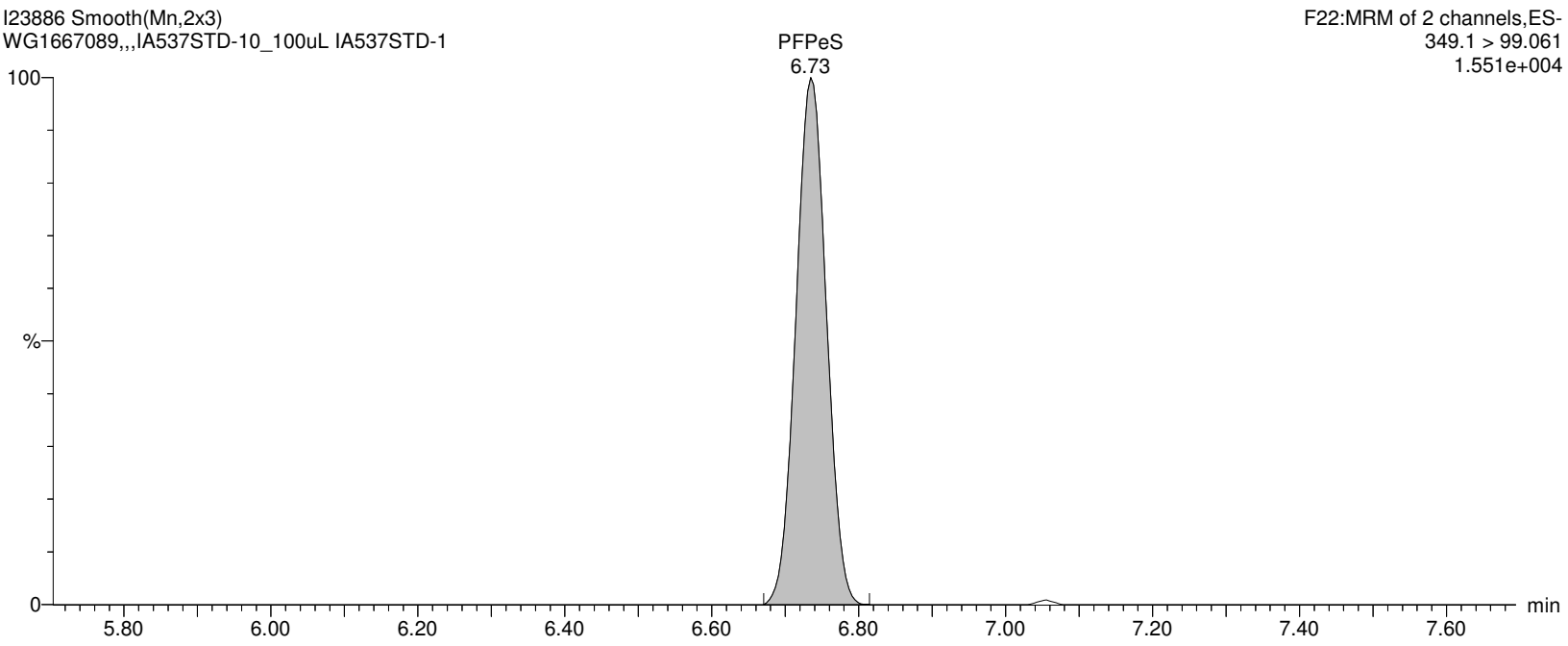
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFPeS



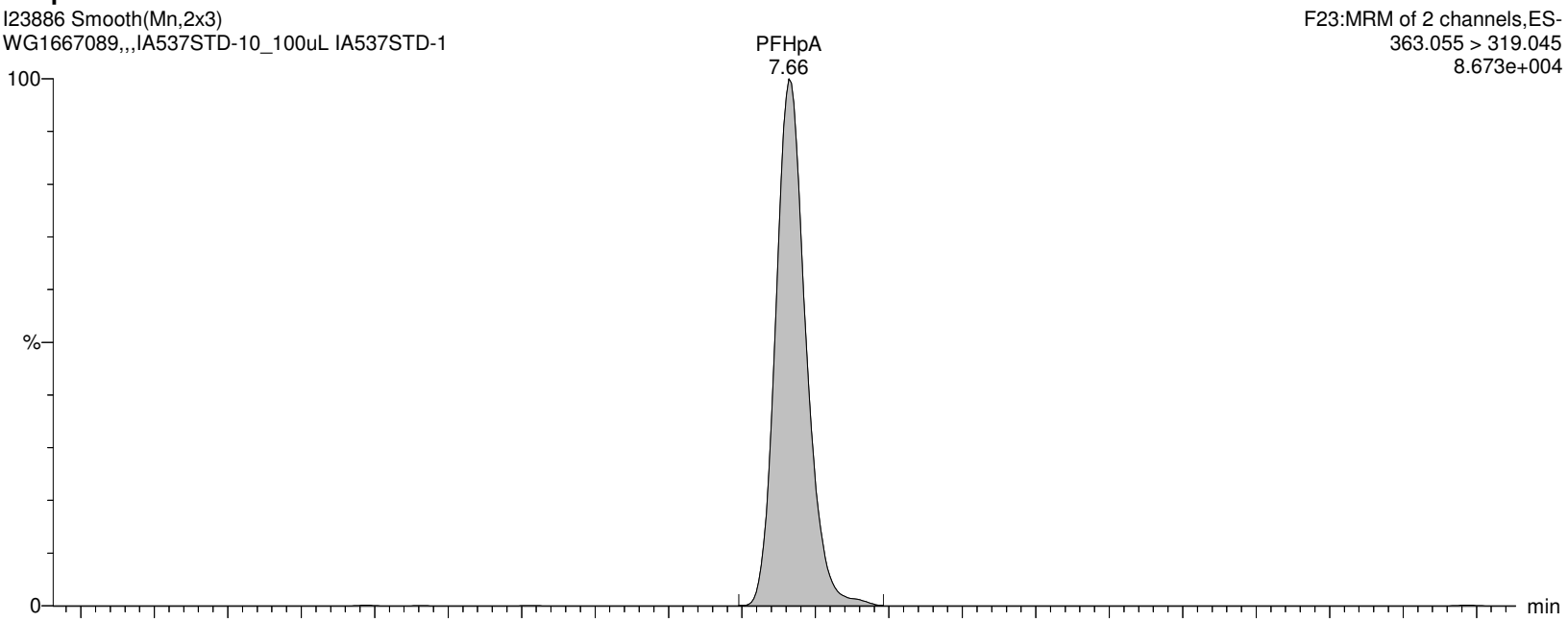


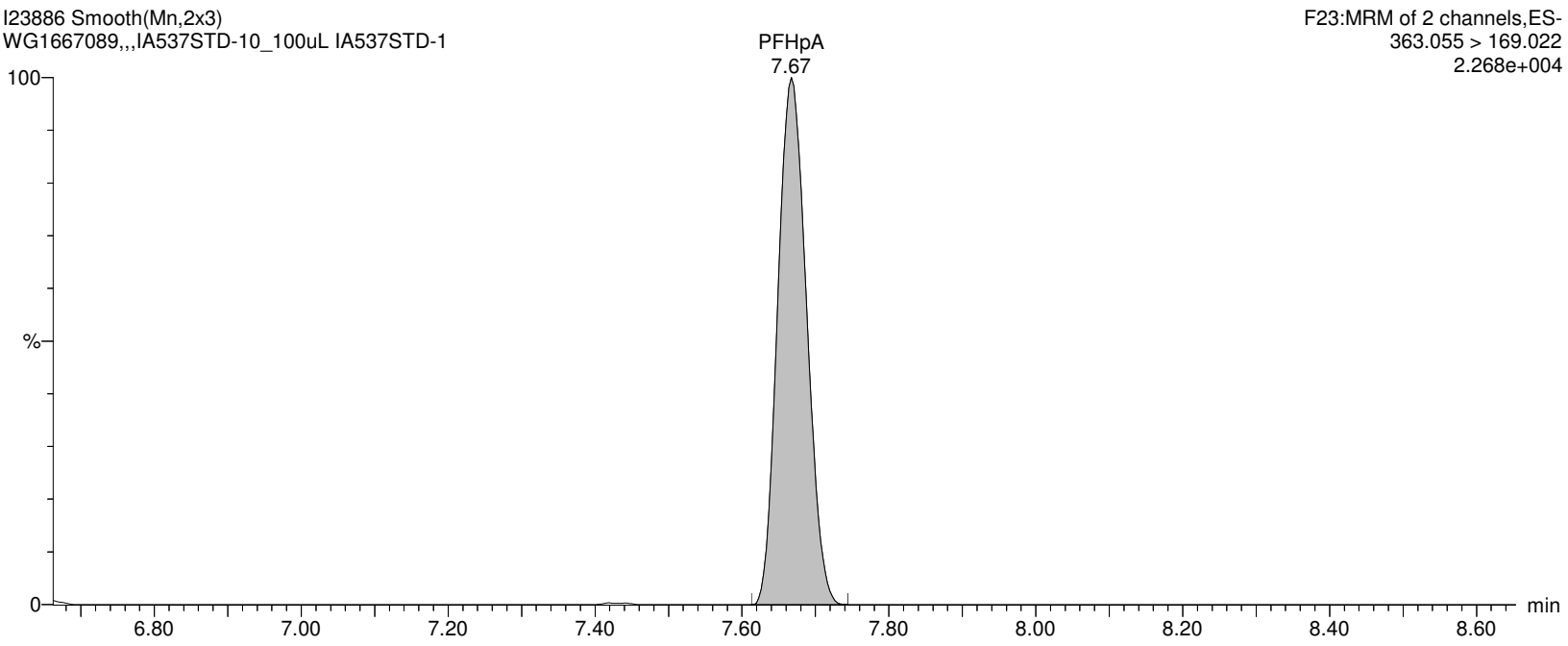
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFHpA



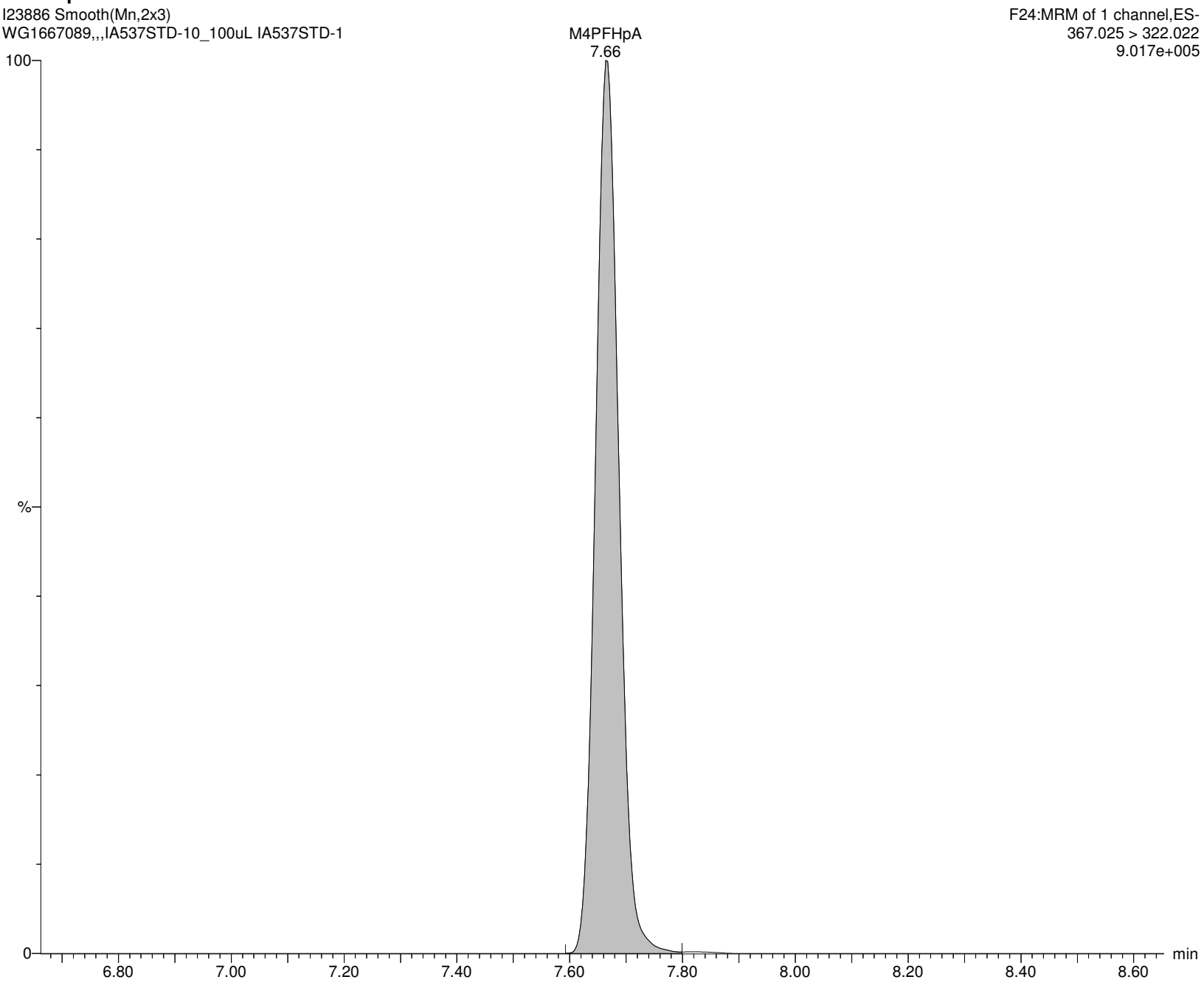


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M4PFHpA

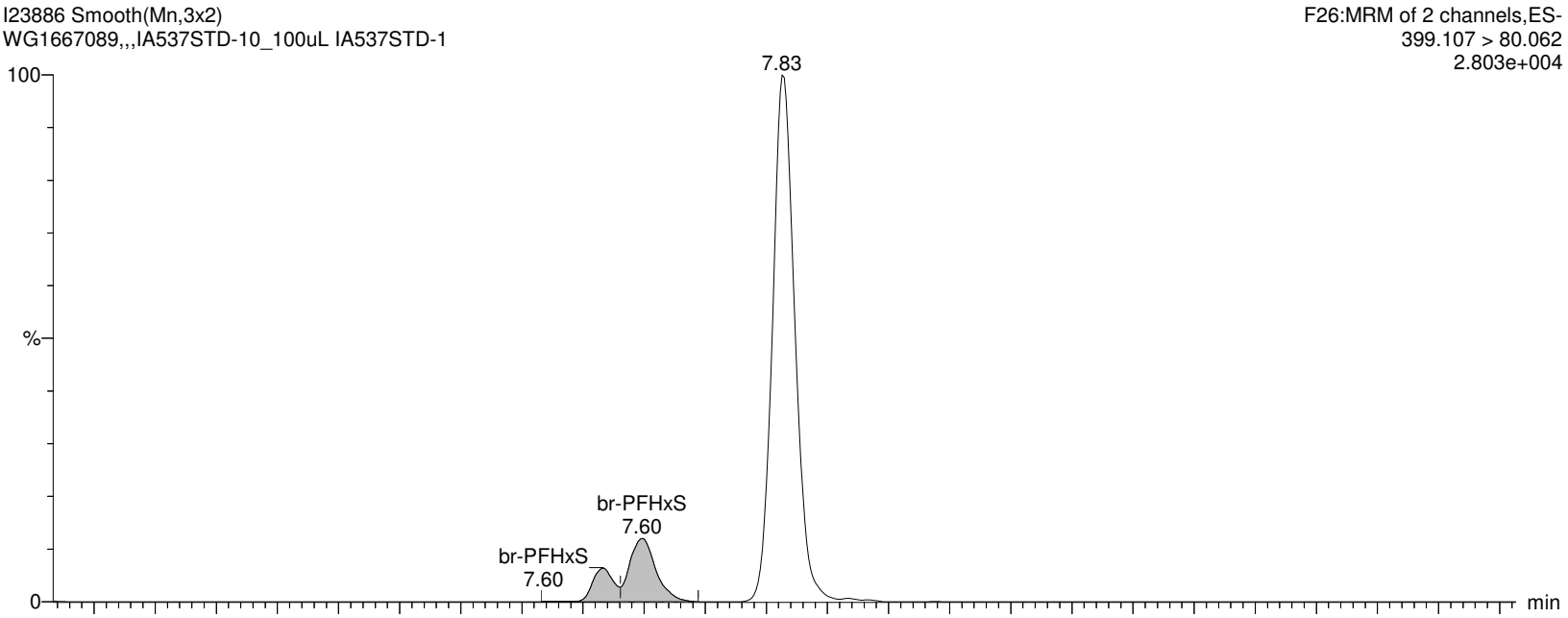


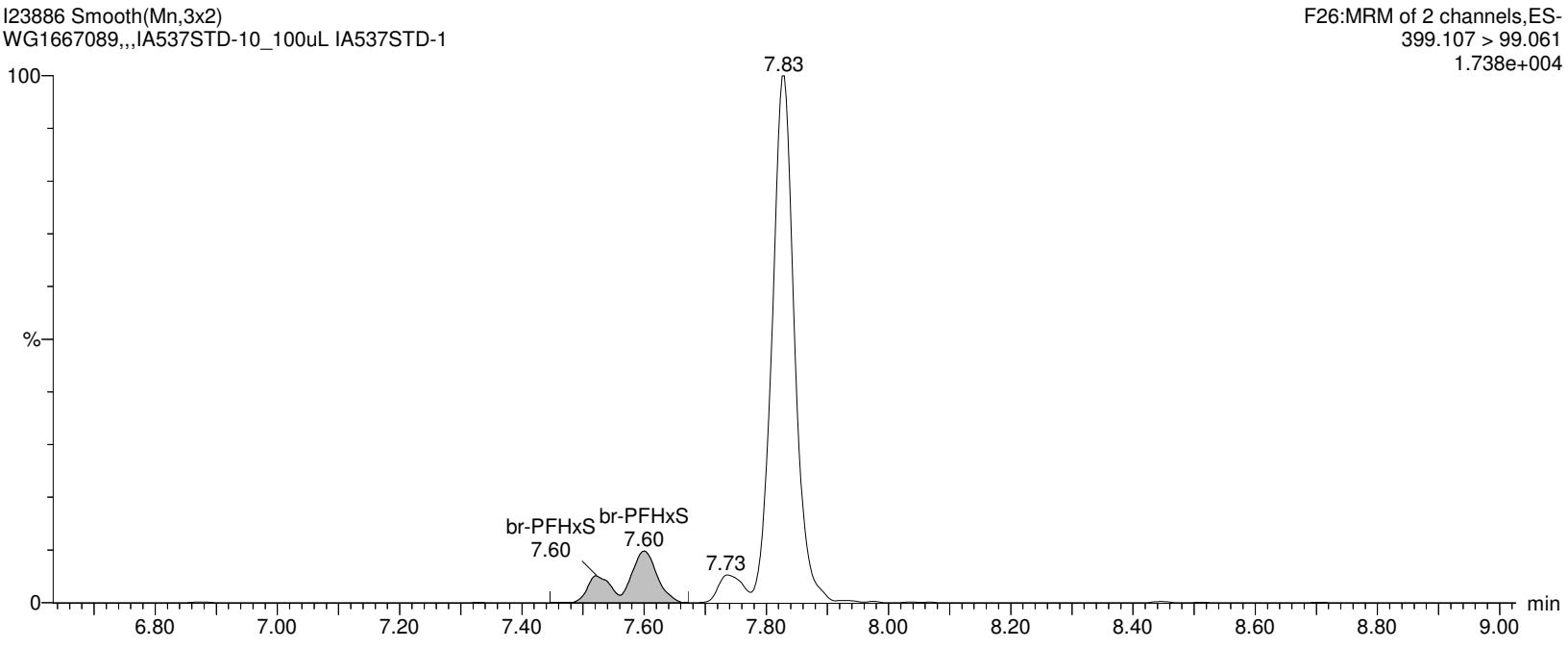
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

br-PFHxS



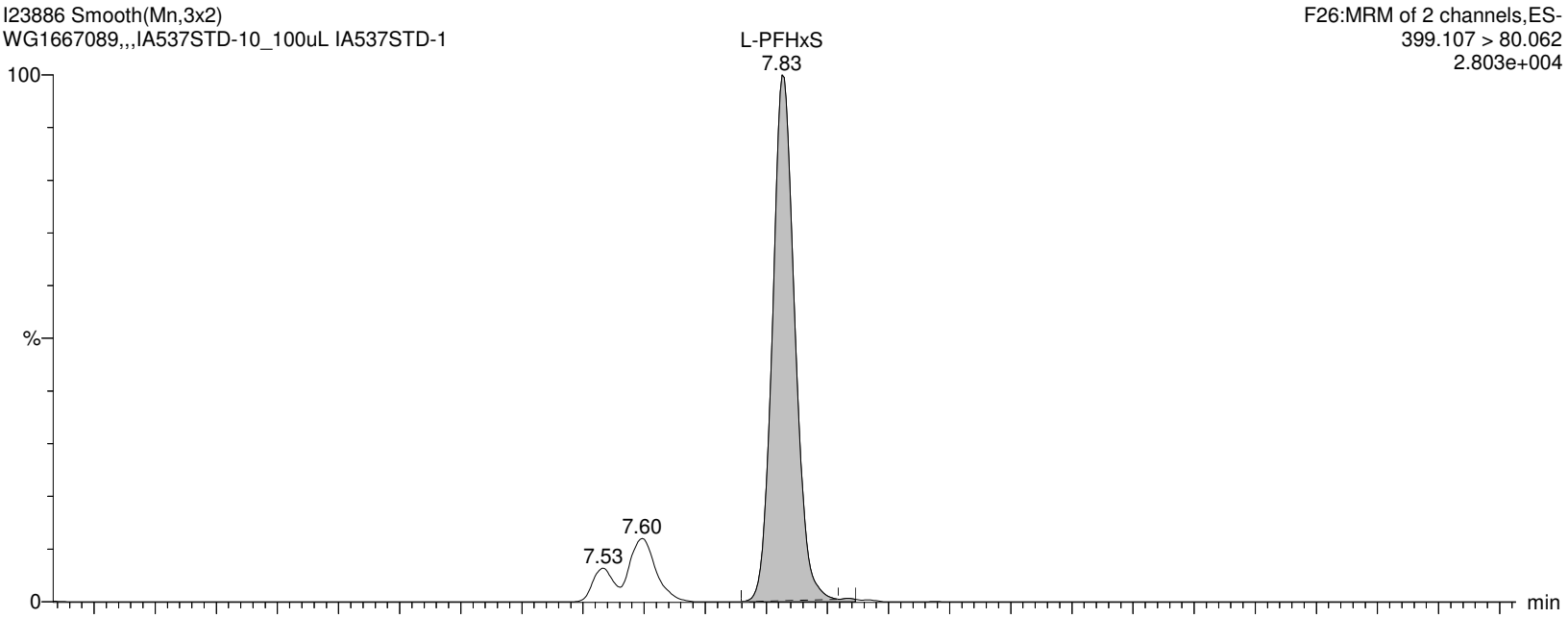


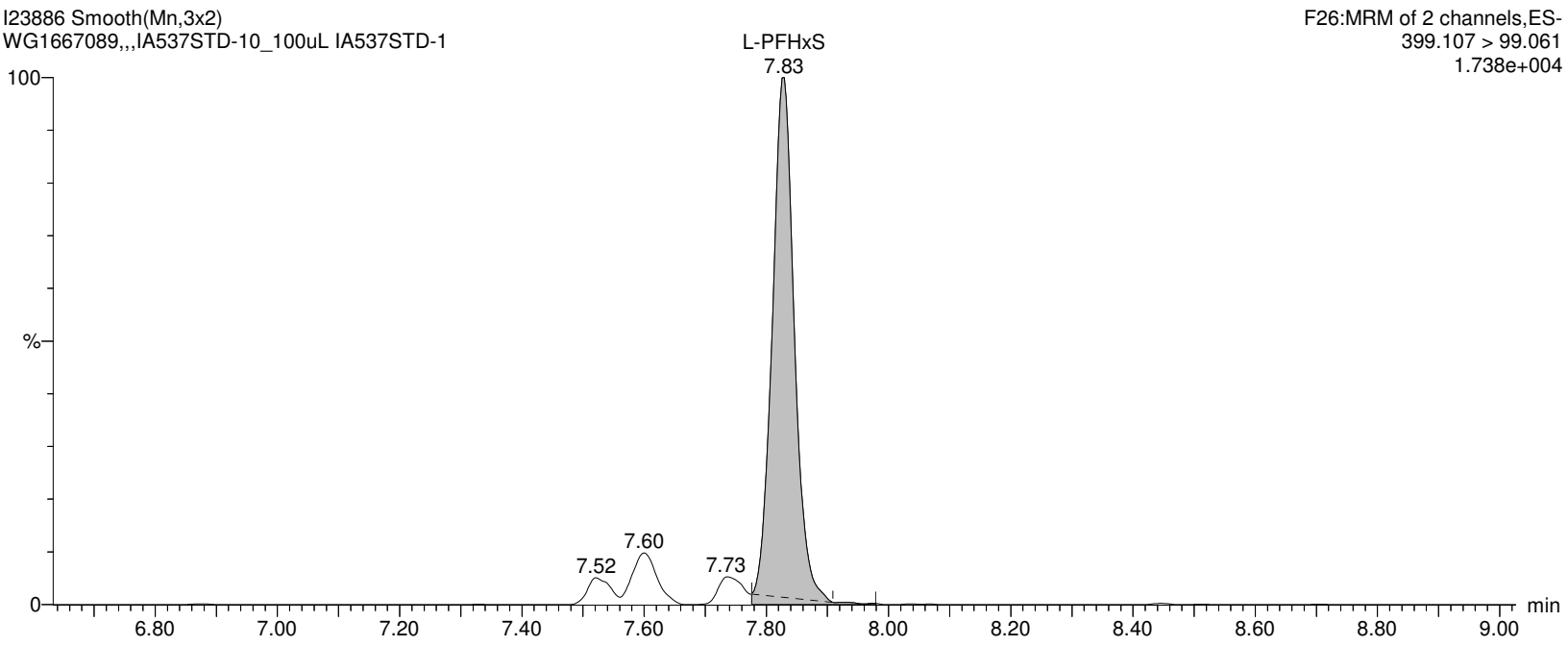
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

L-PFHxS



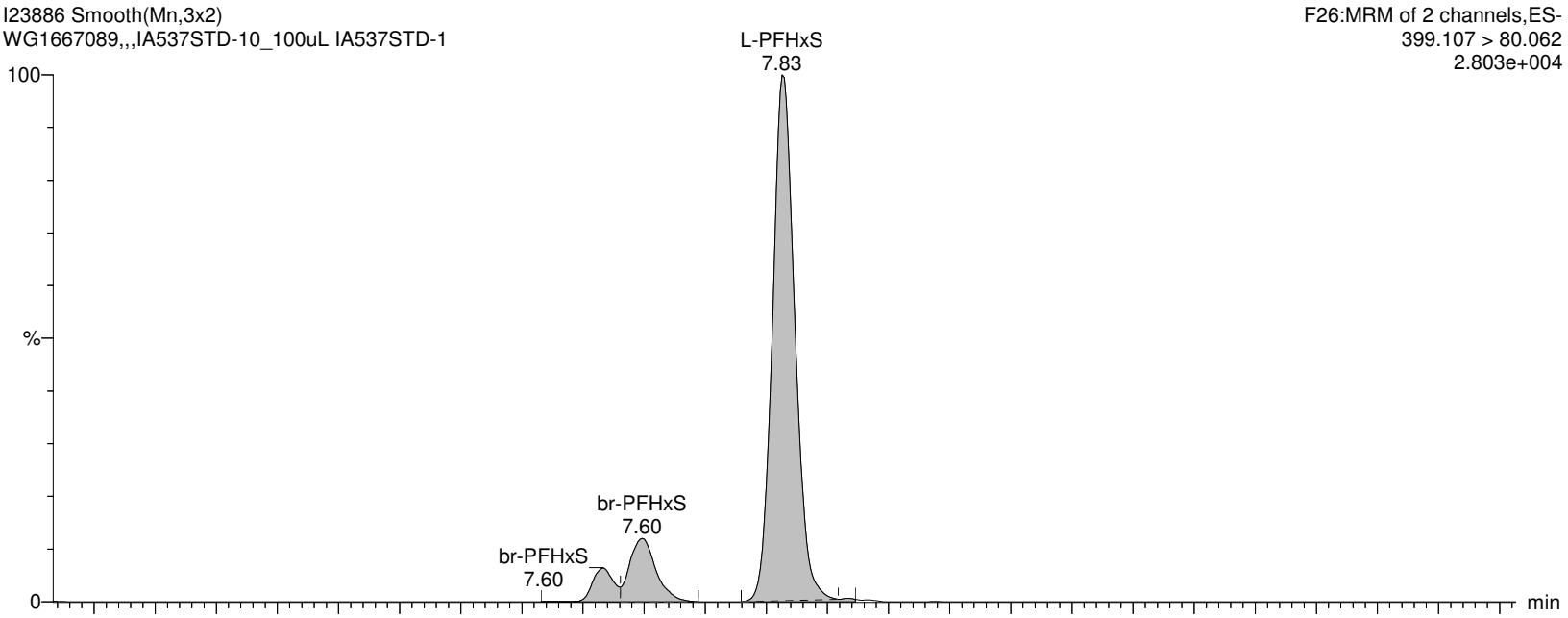


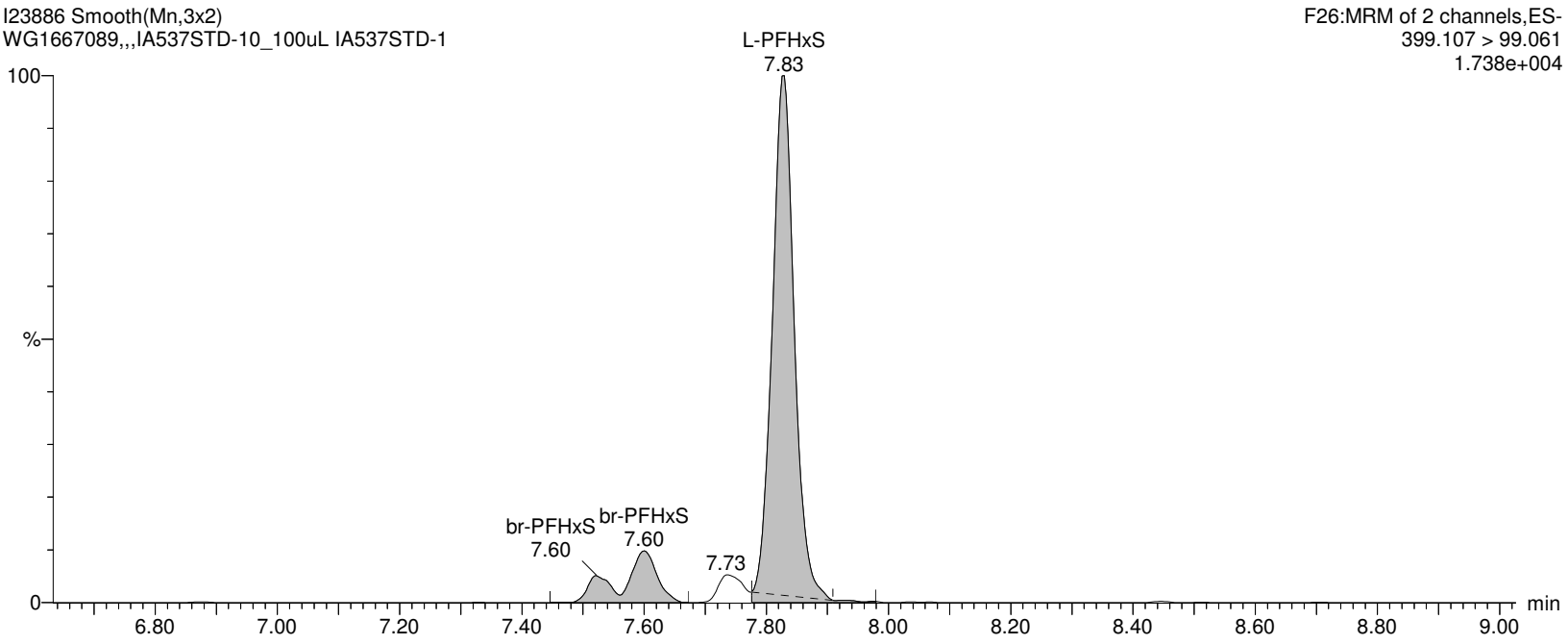
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFHxS



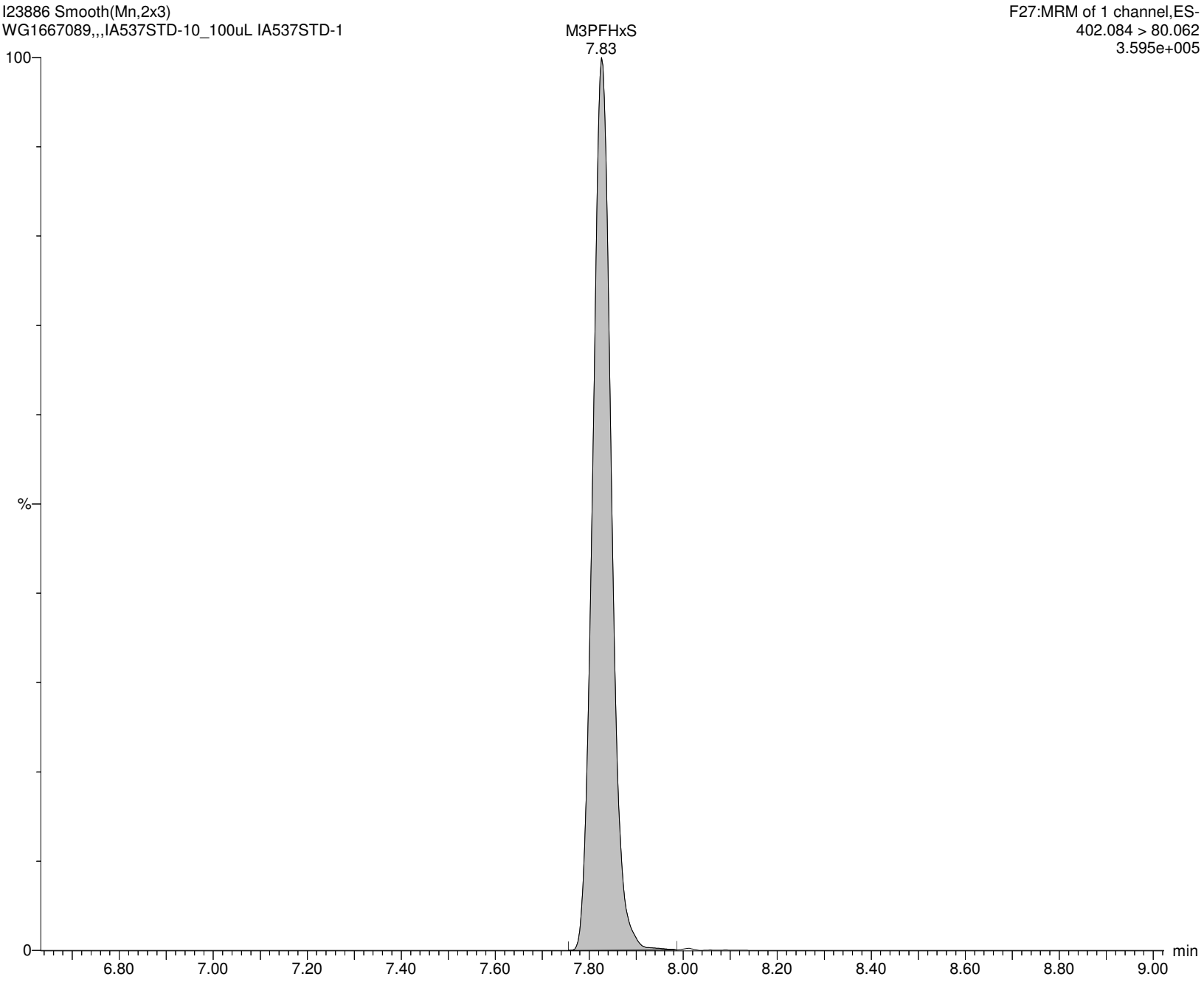


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M3PFHxS

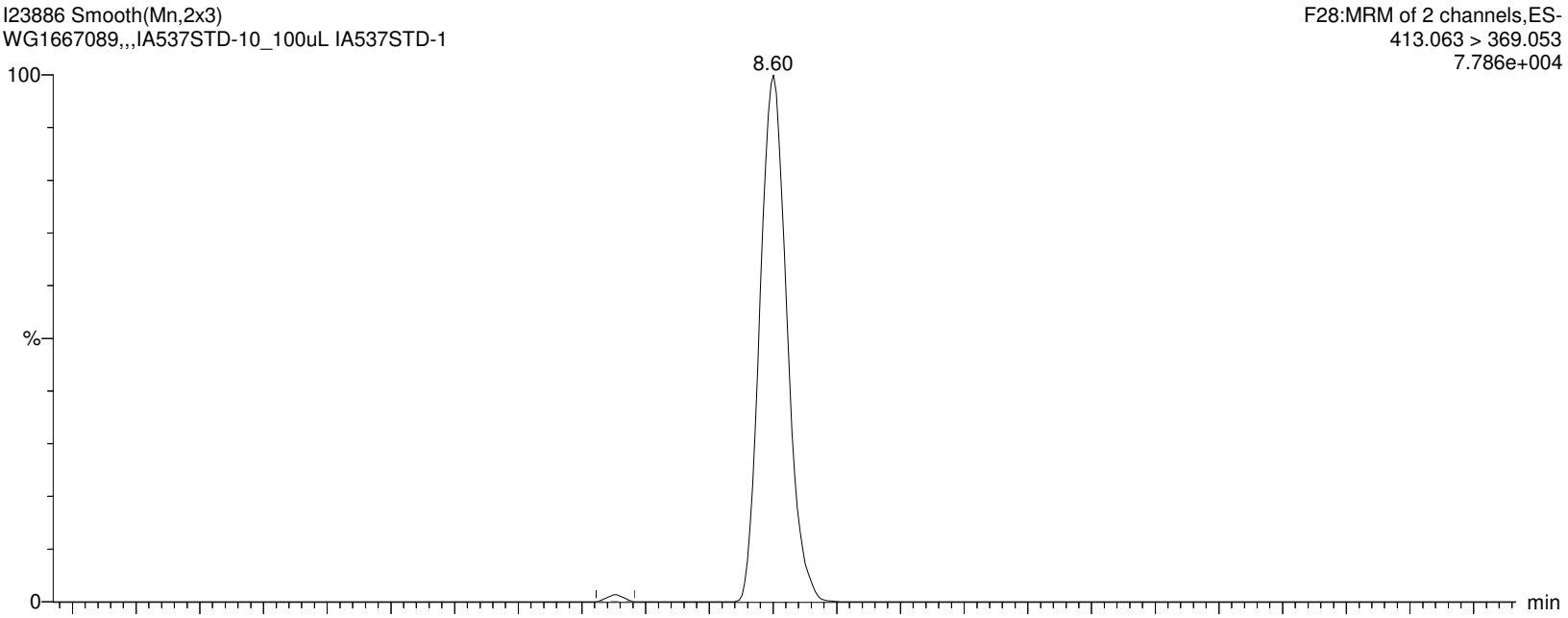


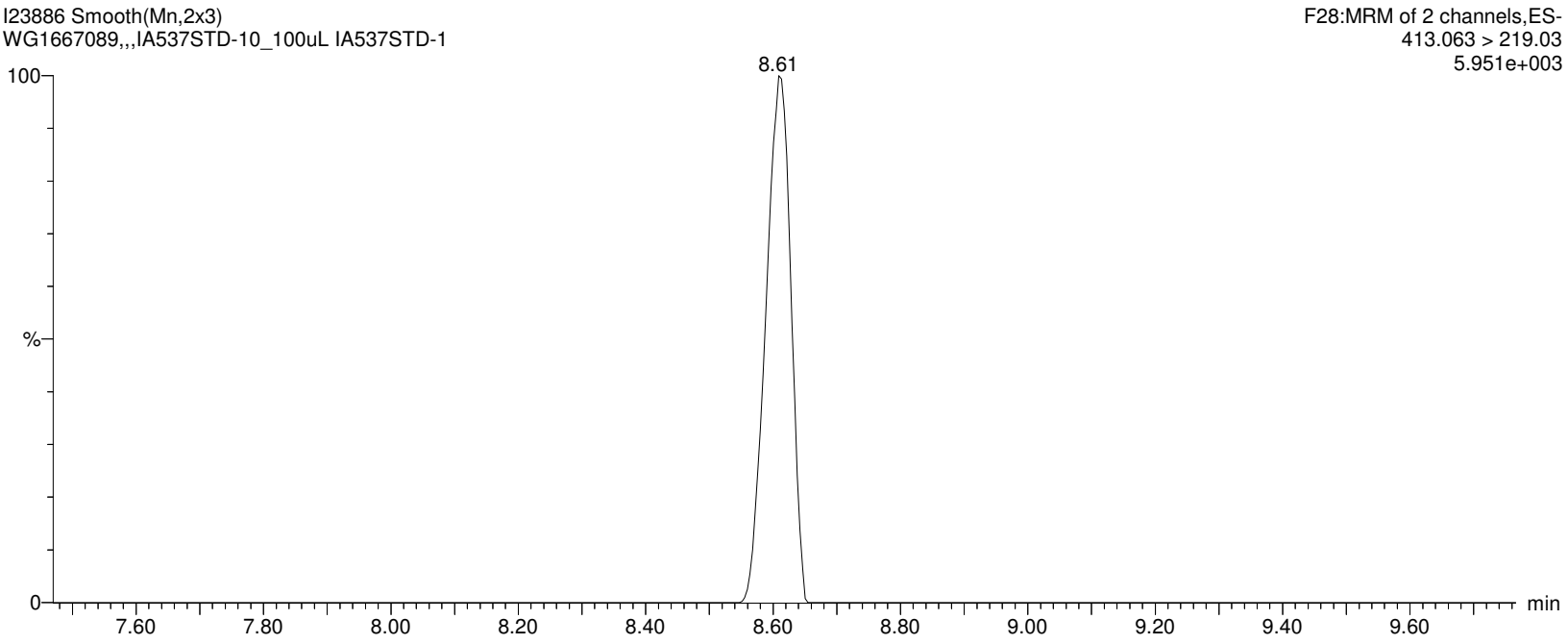
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

br-PFOA



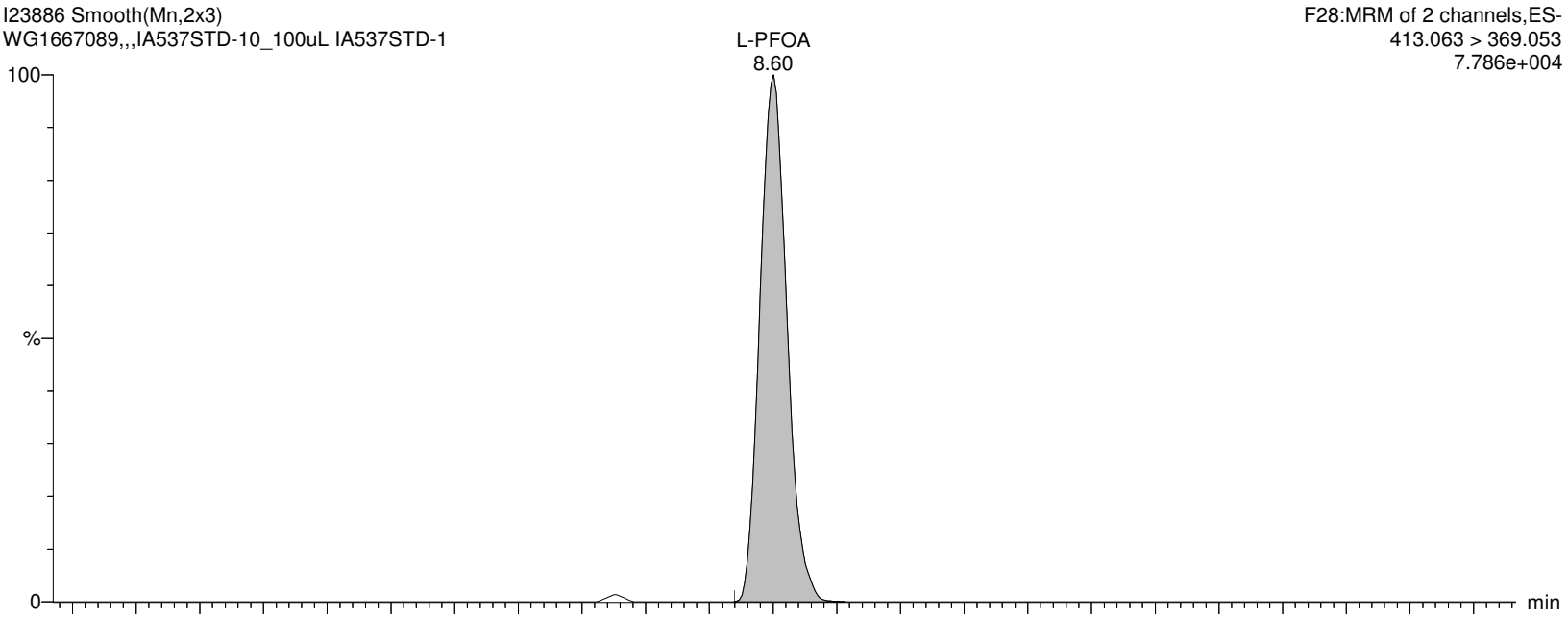


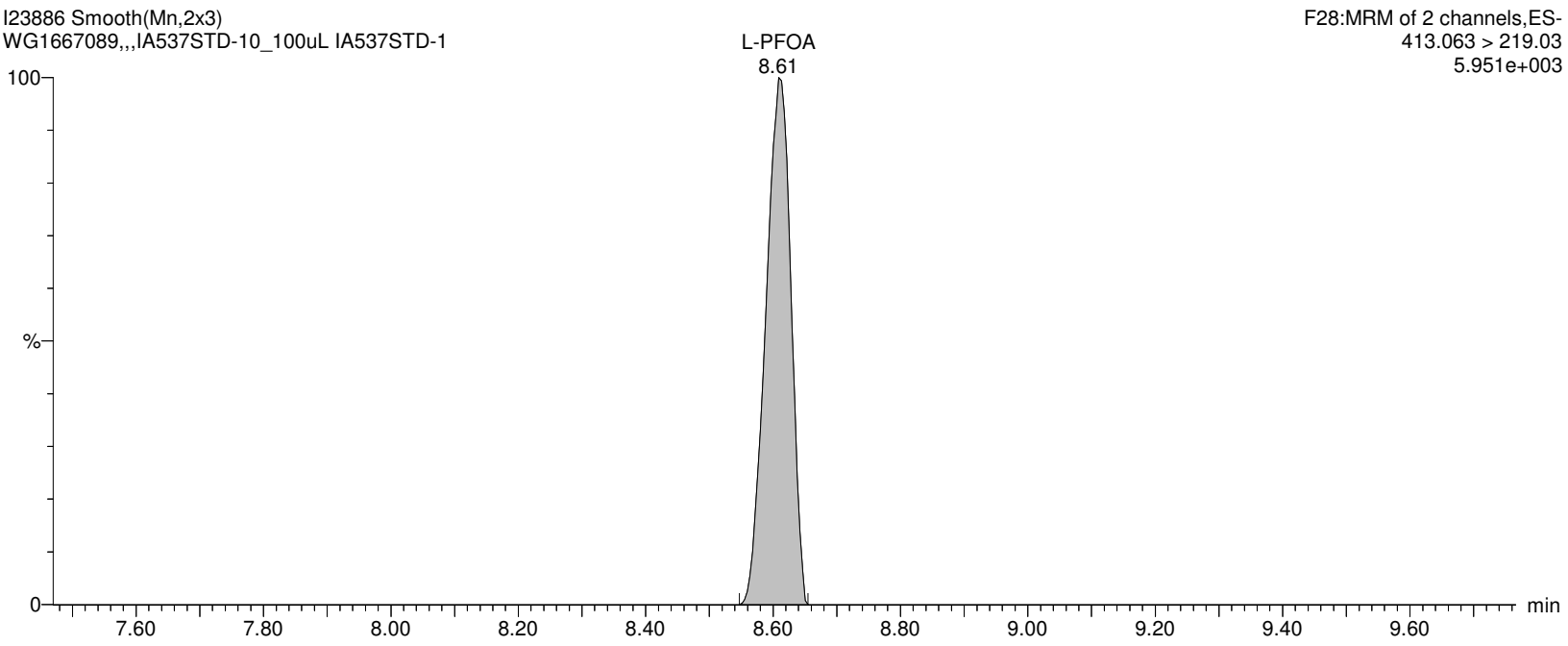
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

L-PFOA



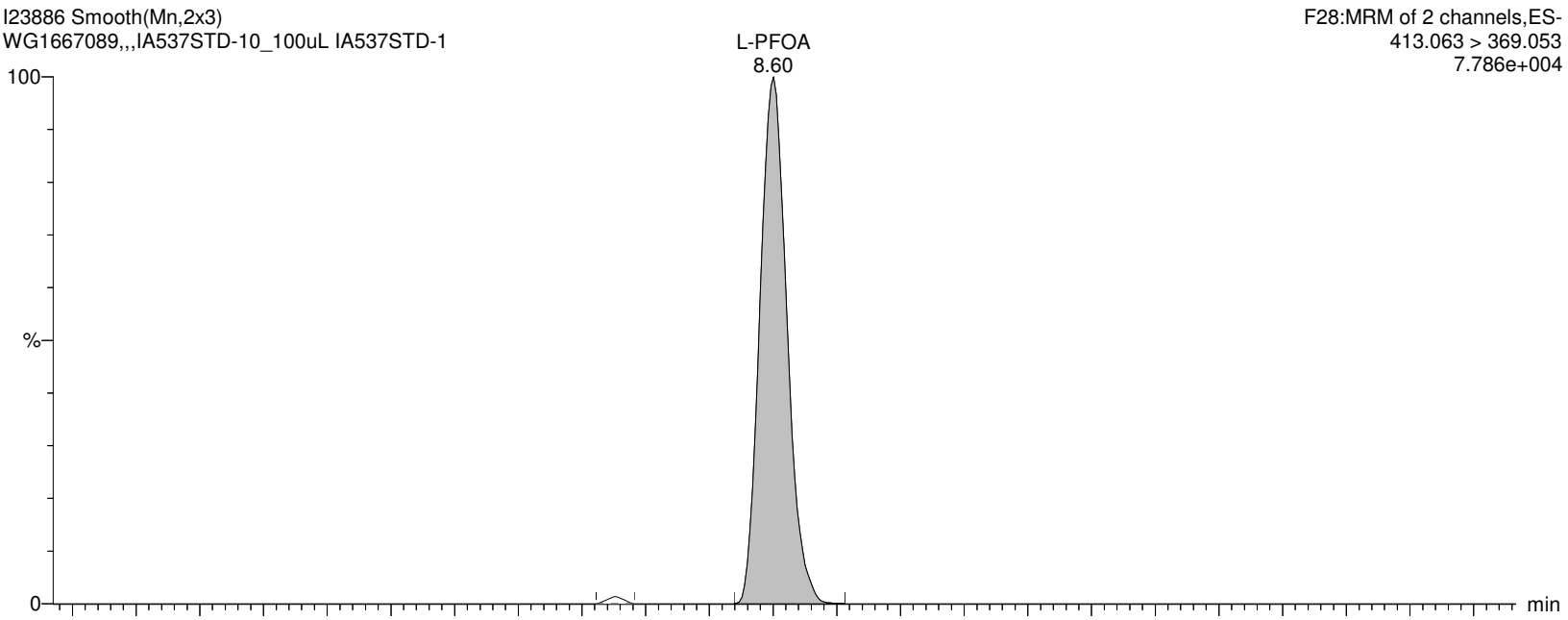


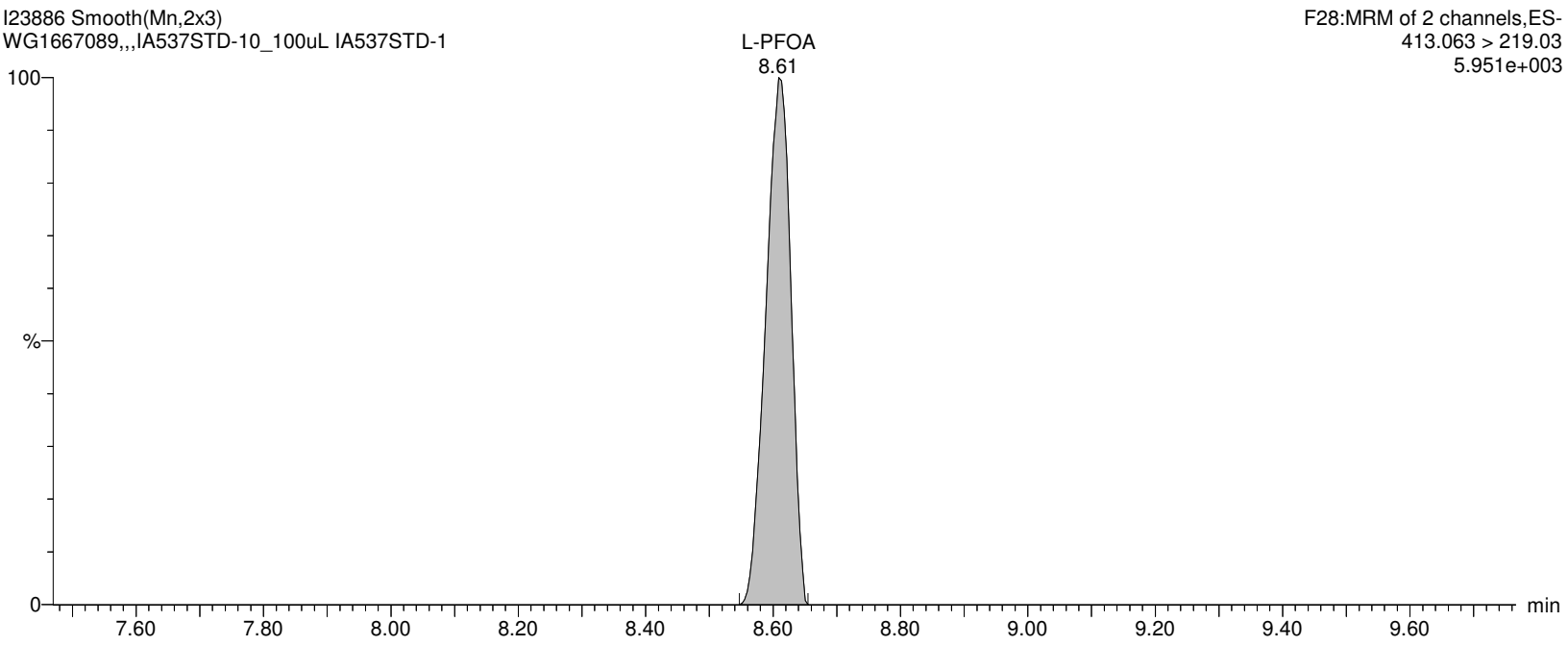
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFOA



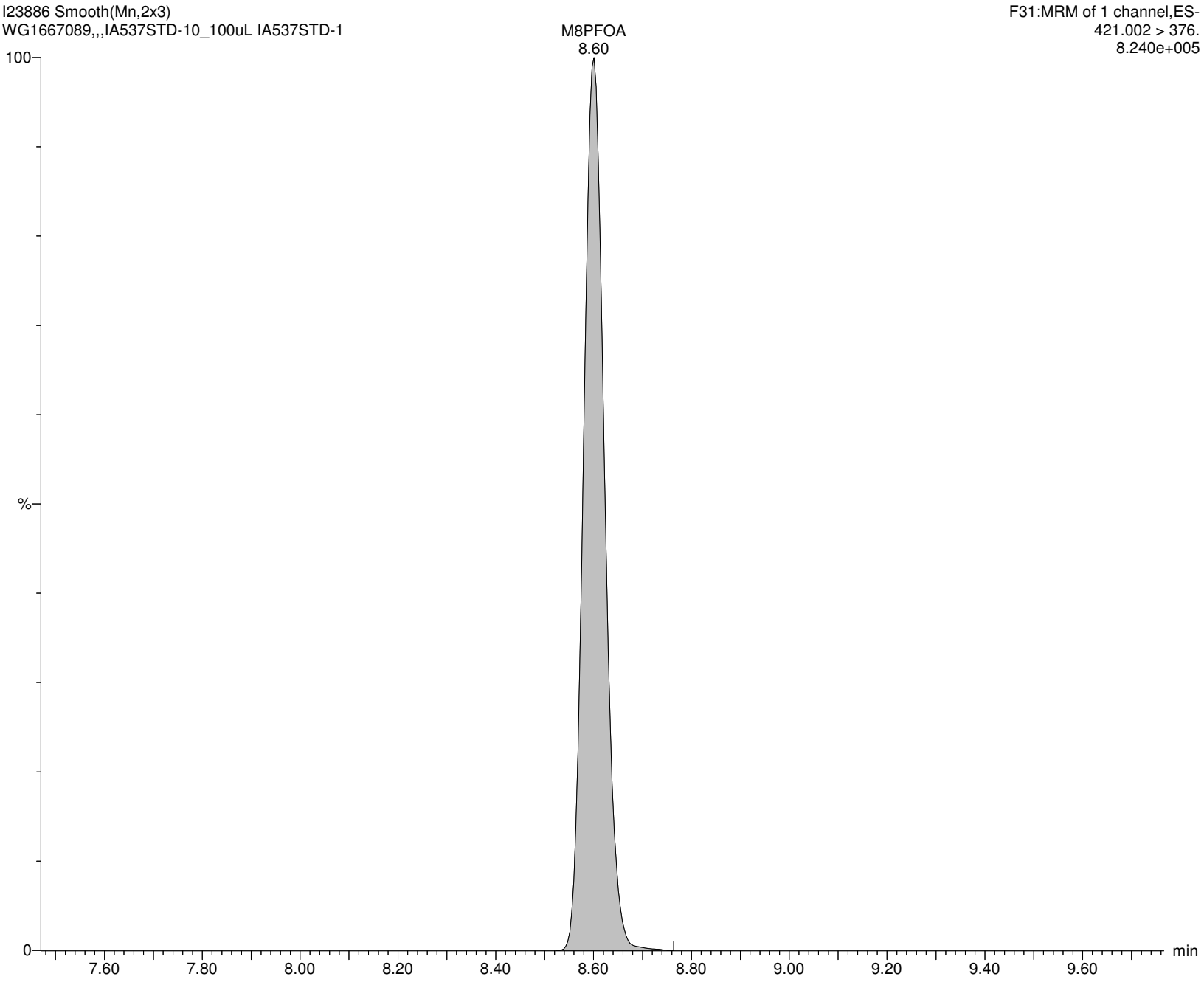


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M8PFOA

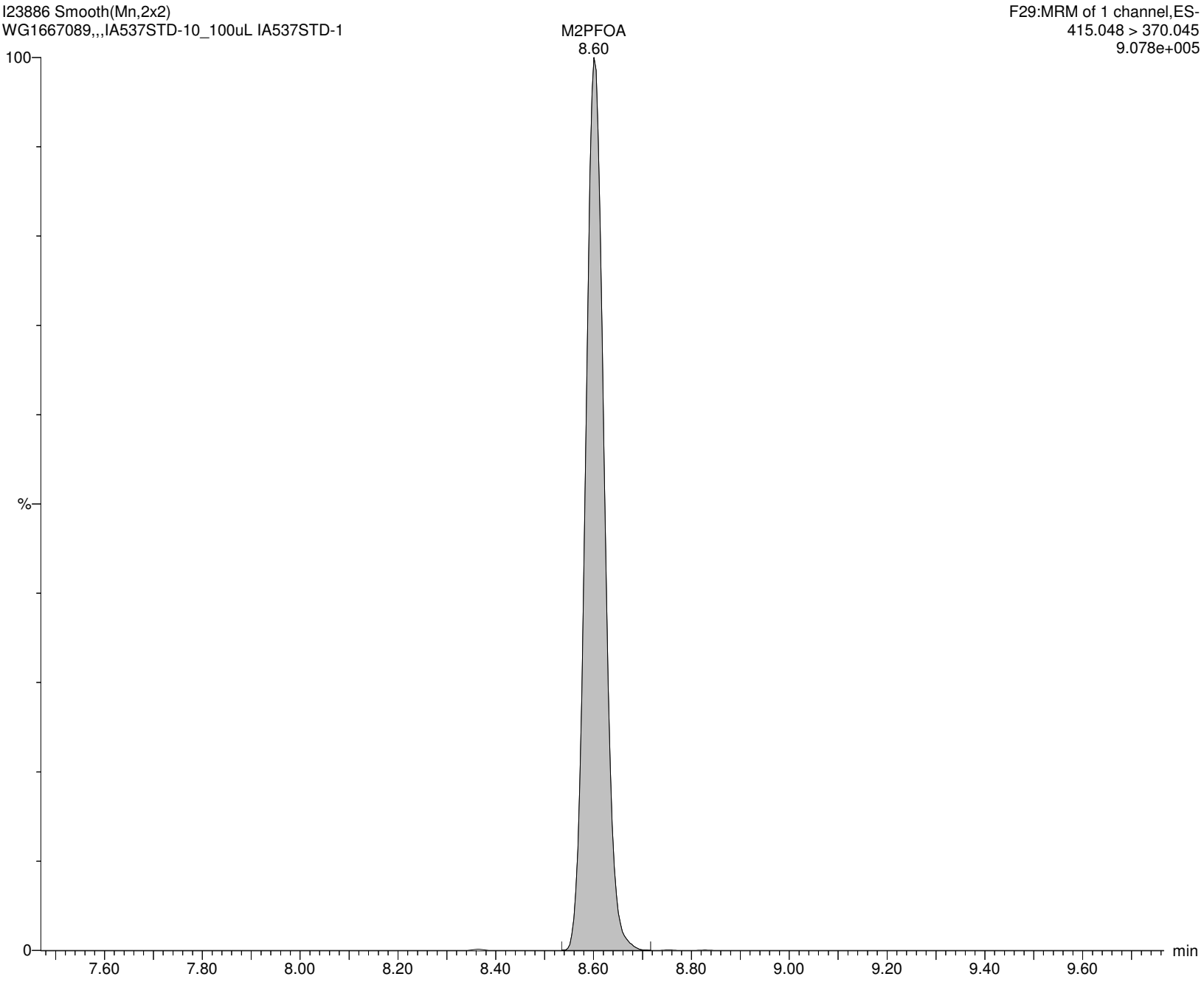


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2PFOA

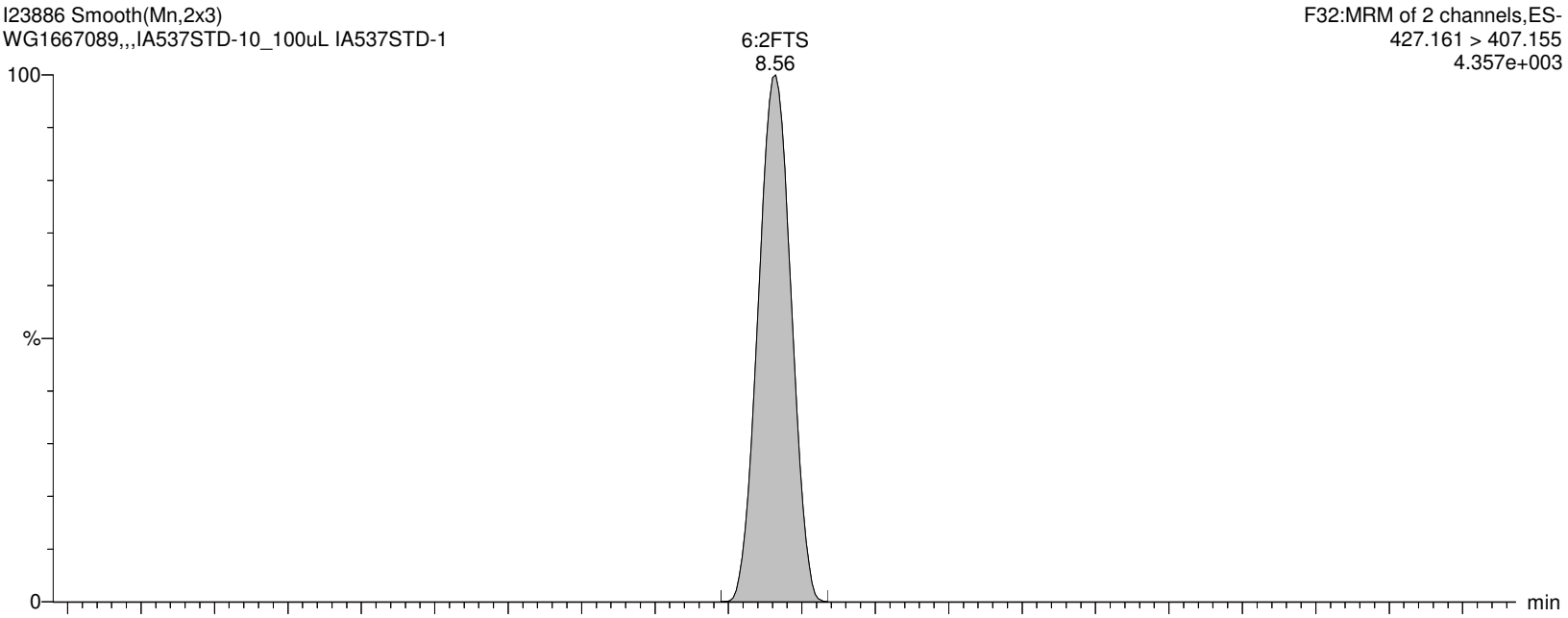


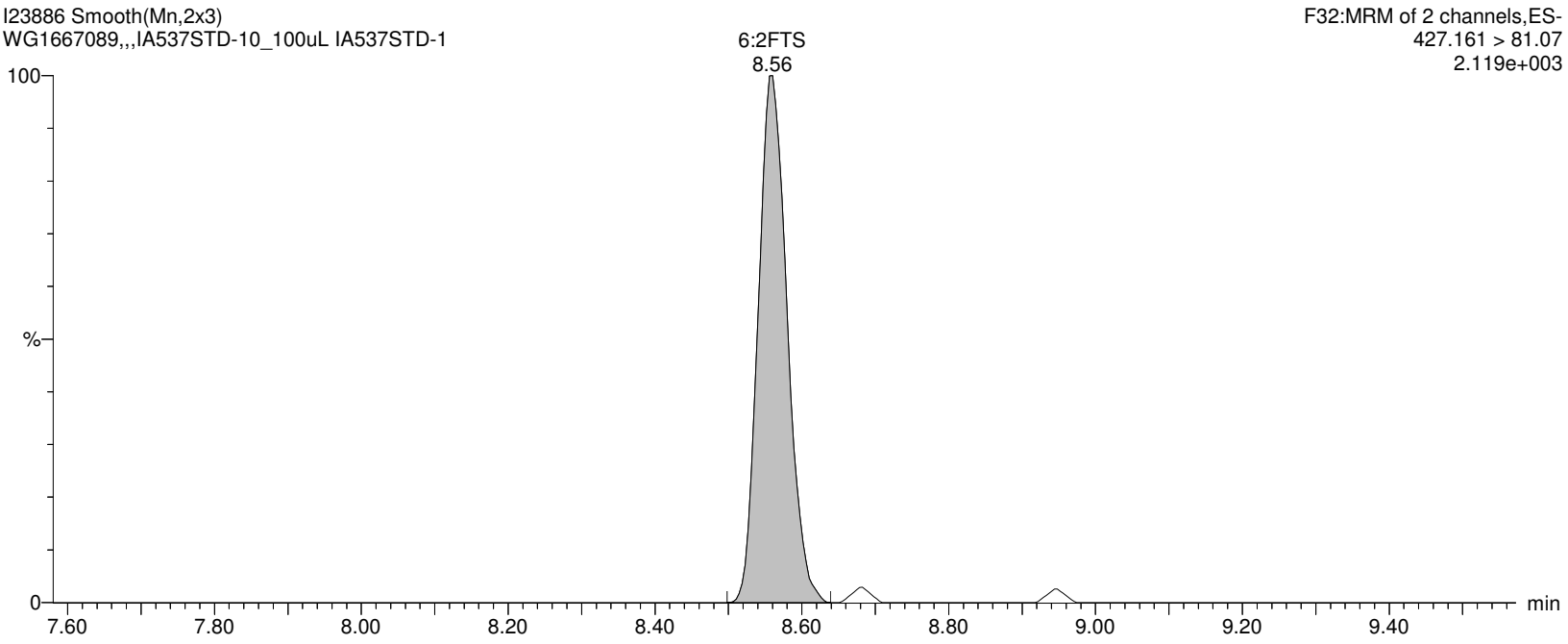
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

6:2FTS



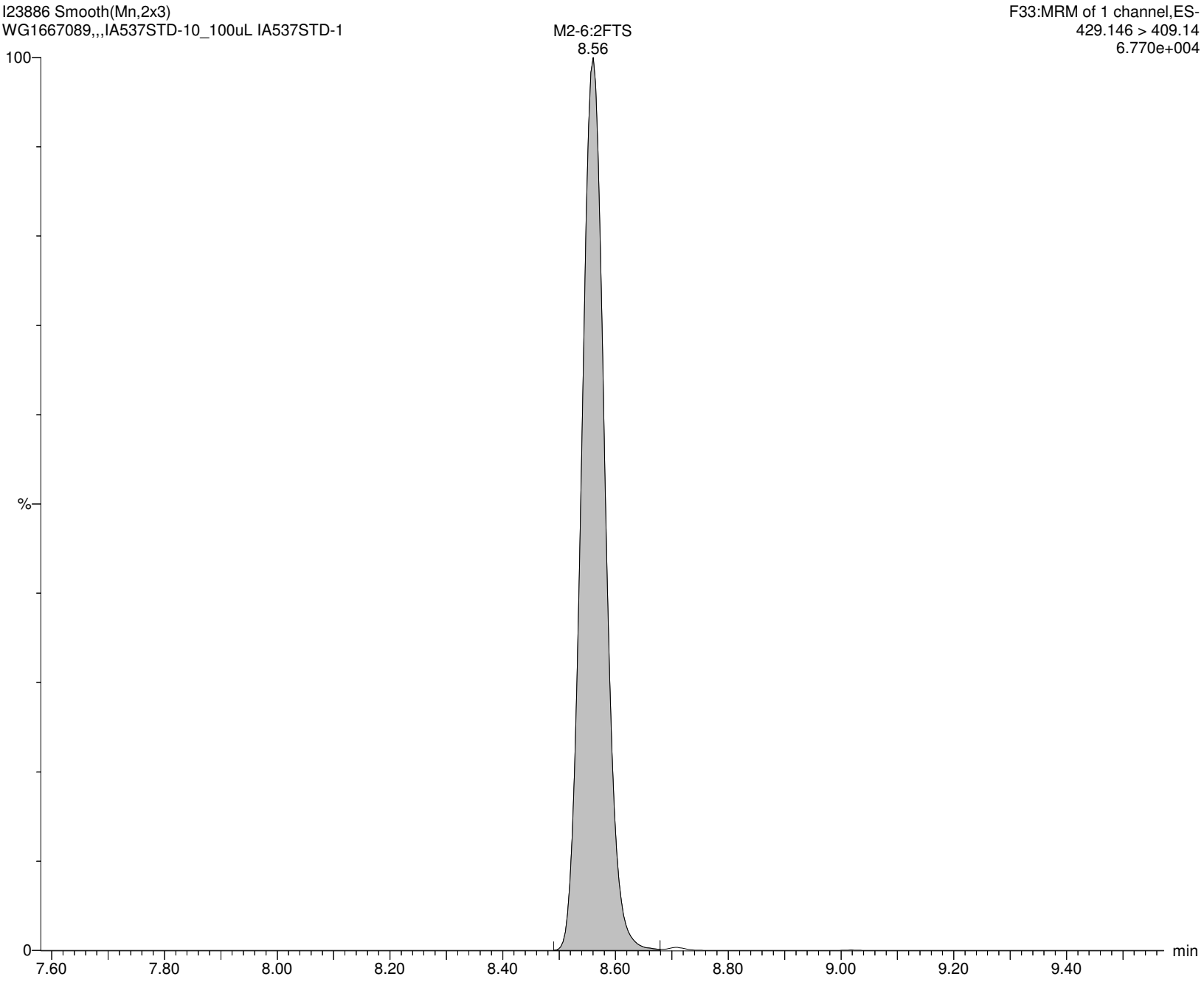


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2-6:2FTS

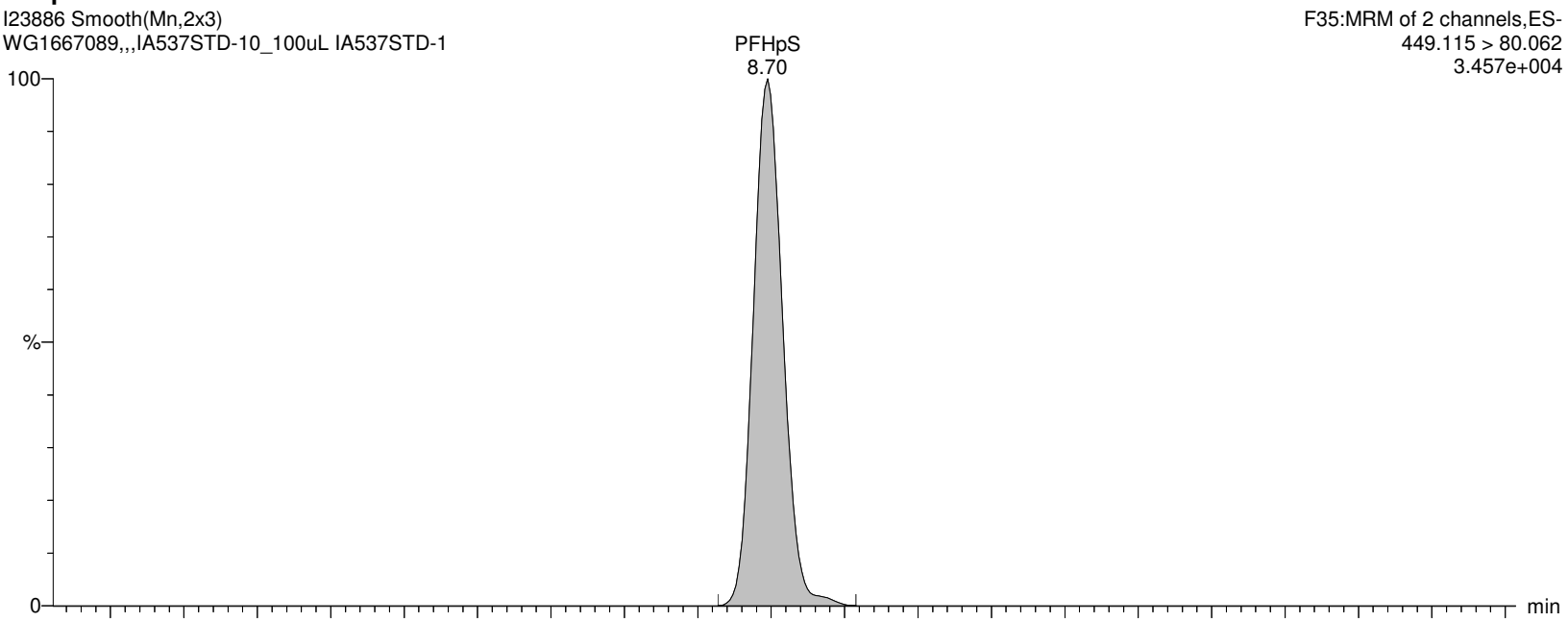


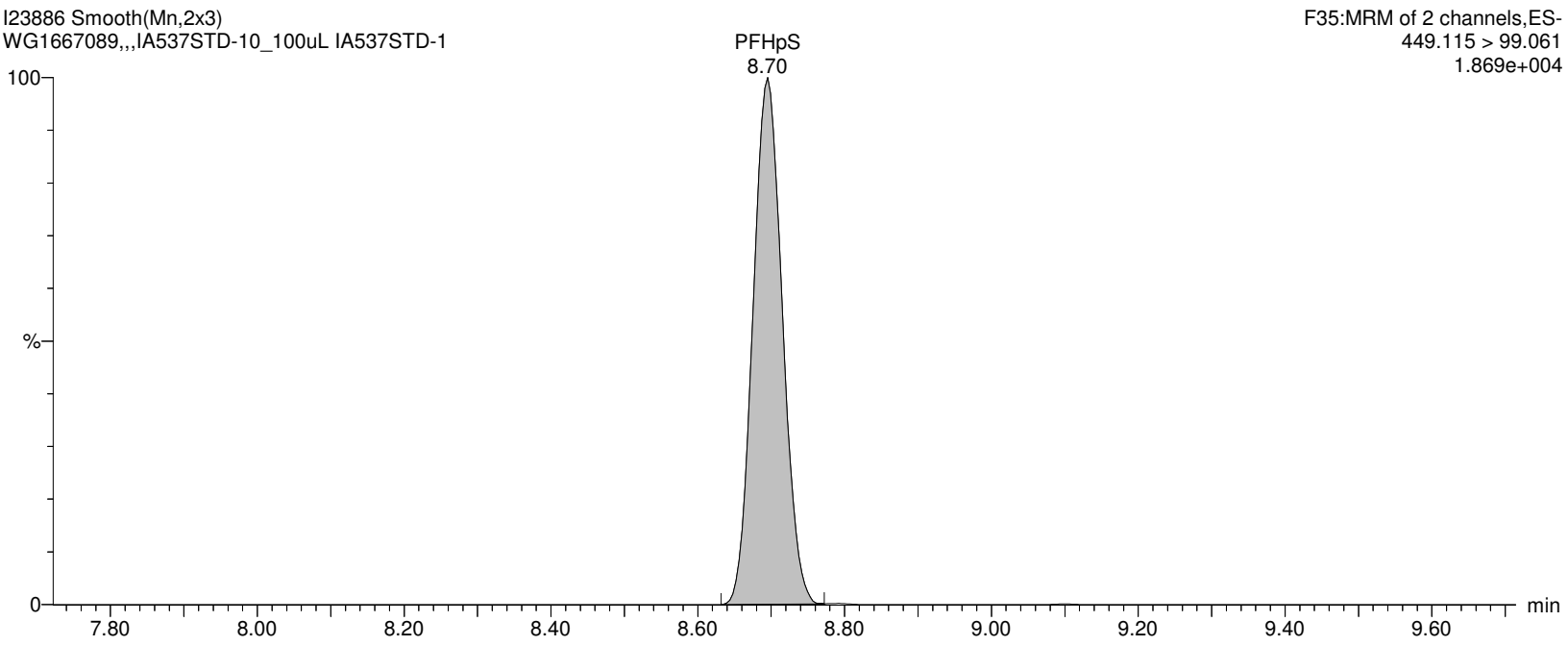
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFHpS



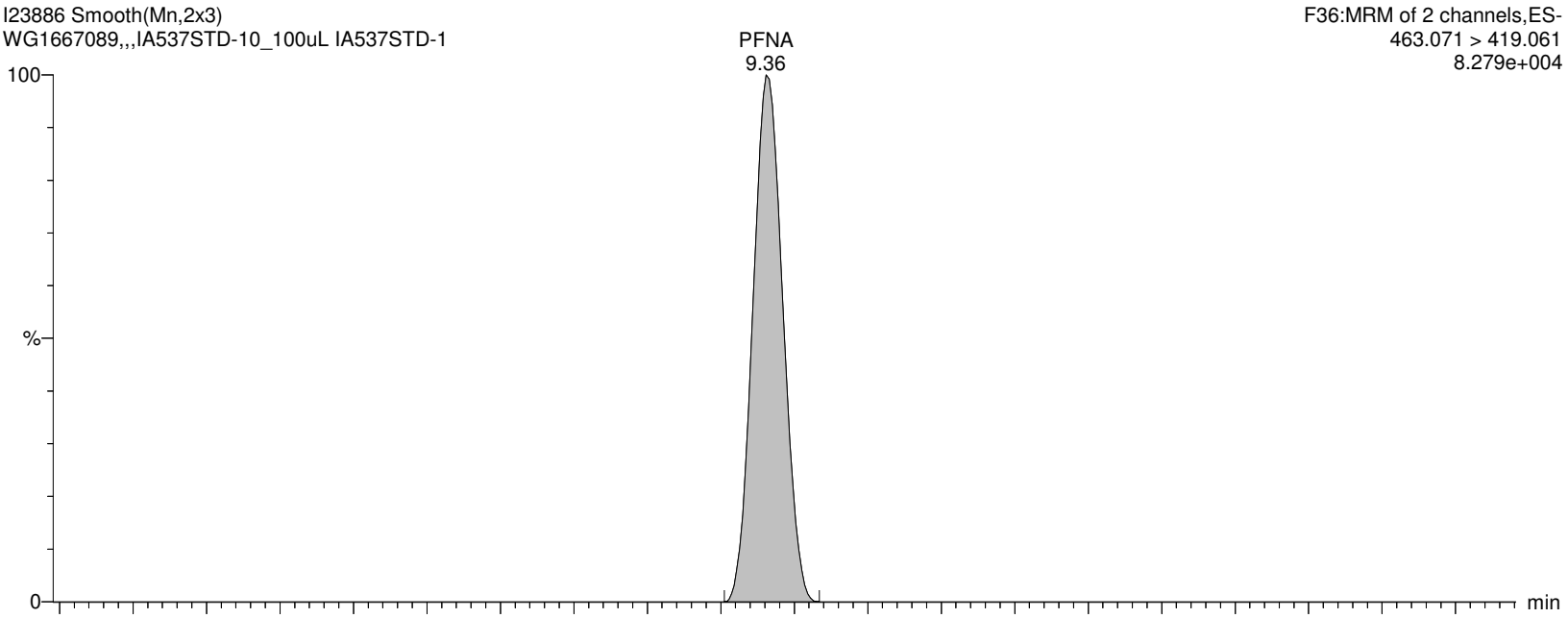


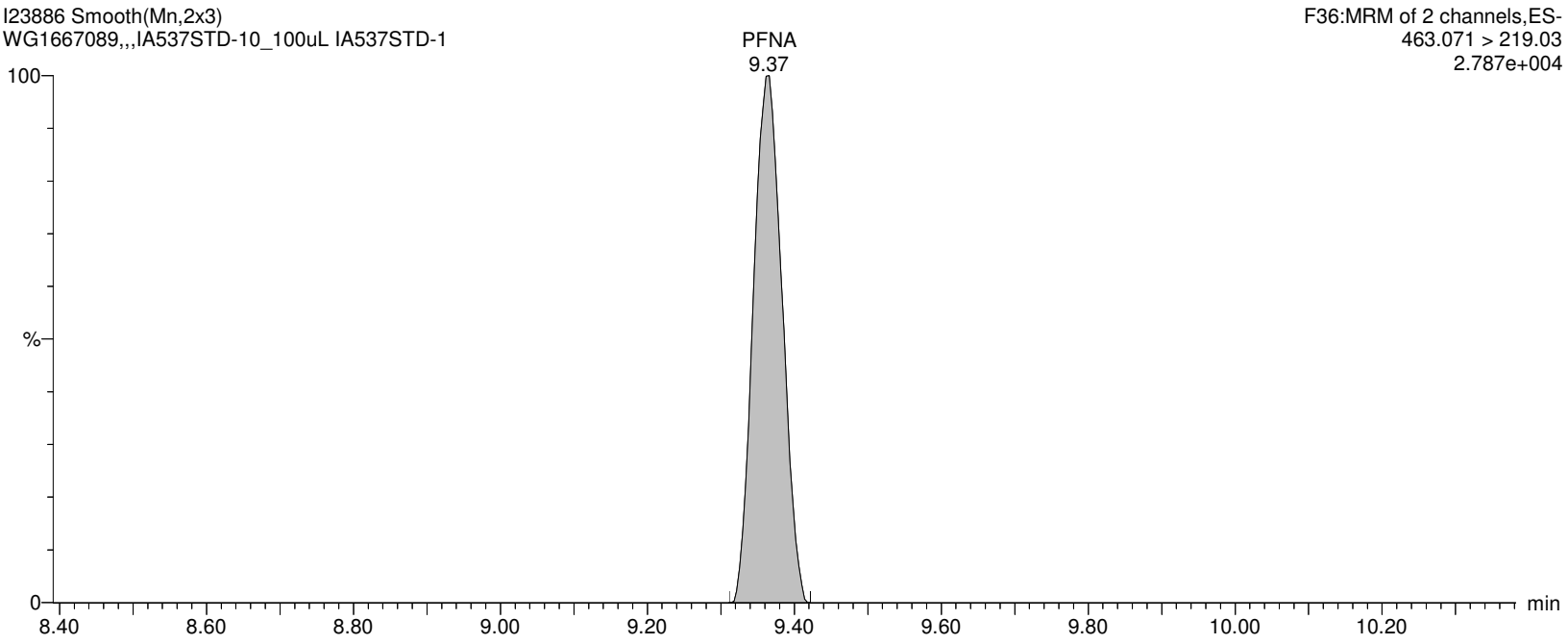
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFNA



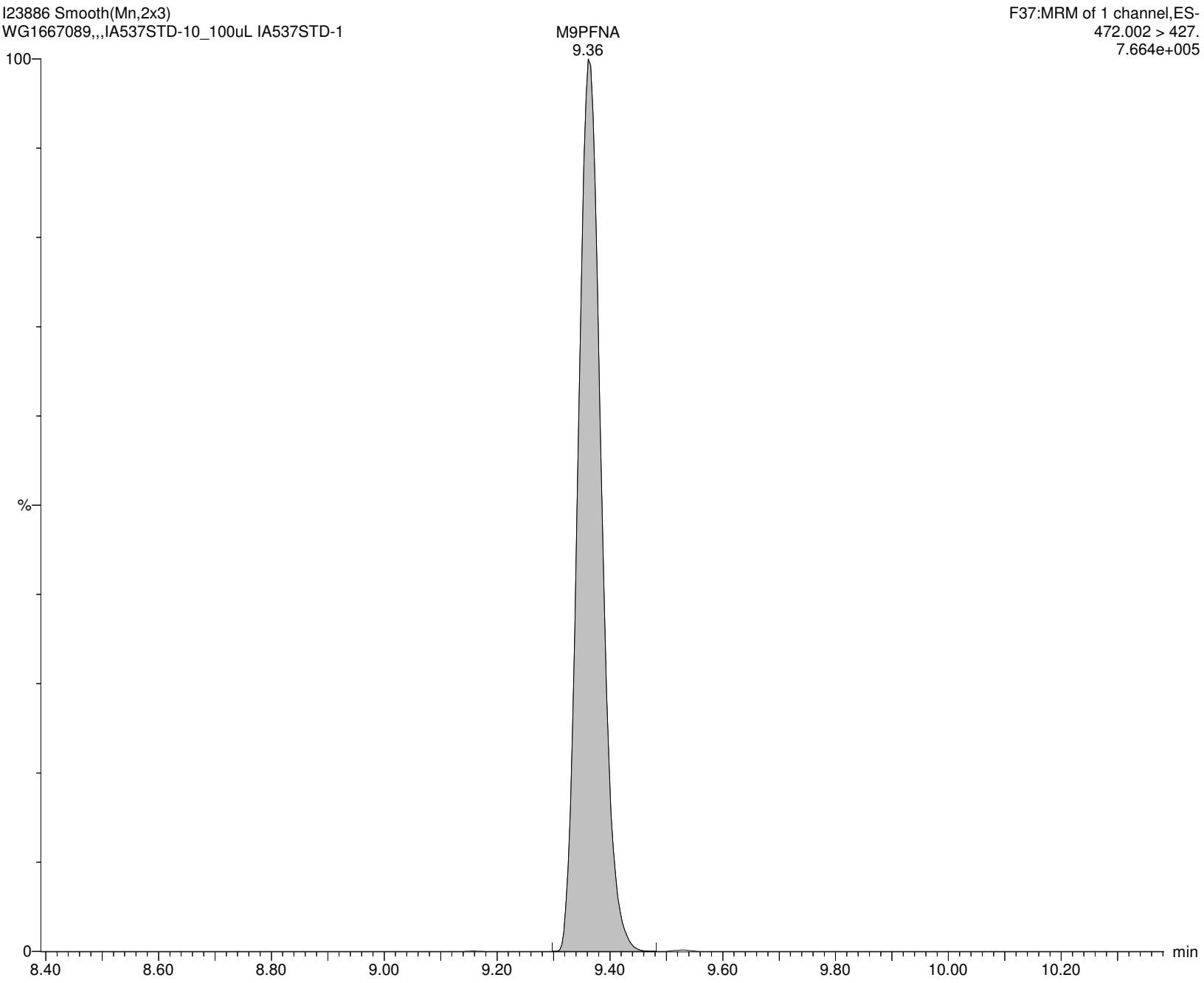


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M9PFNA

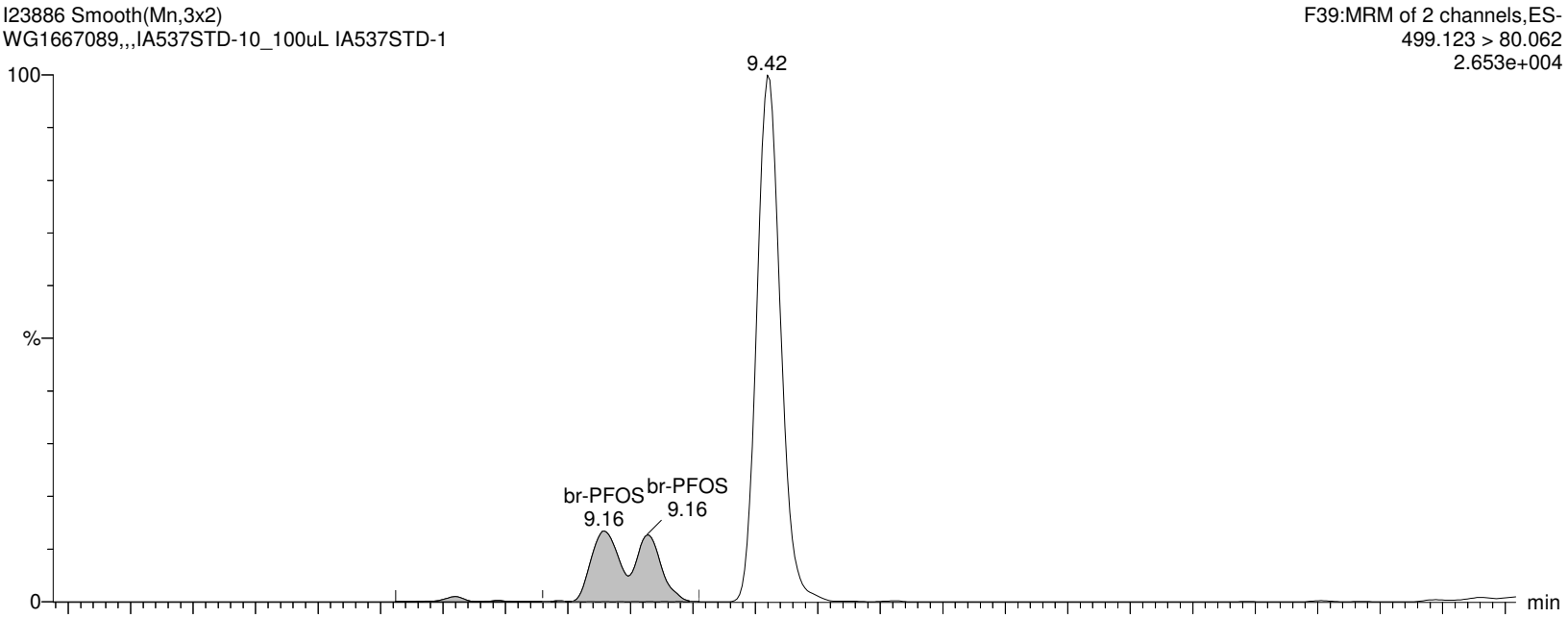


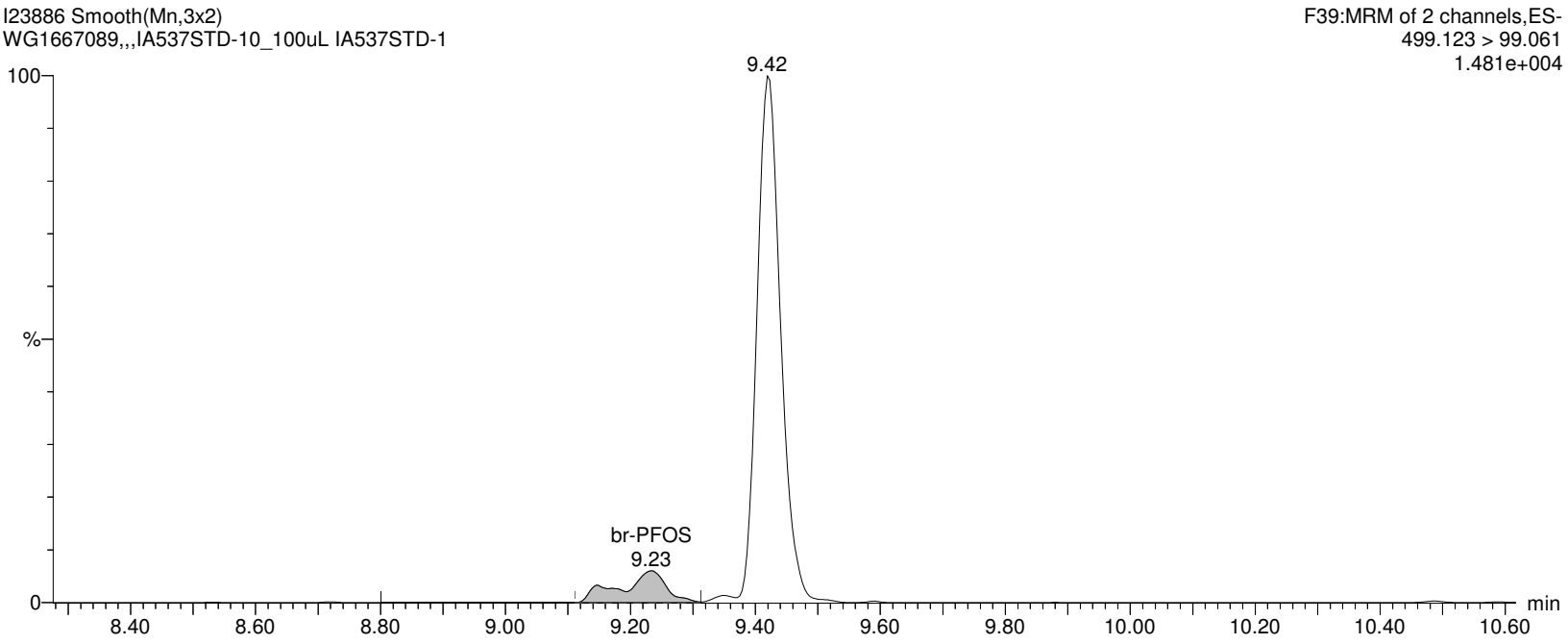
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

br-PFOS



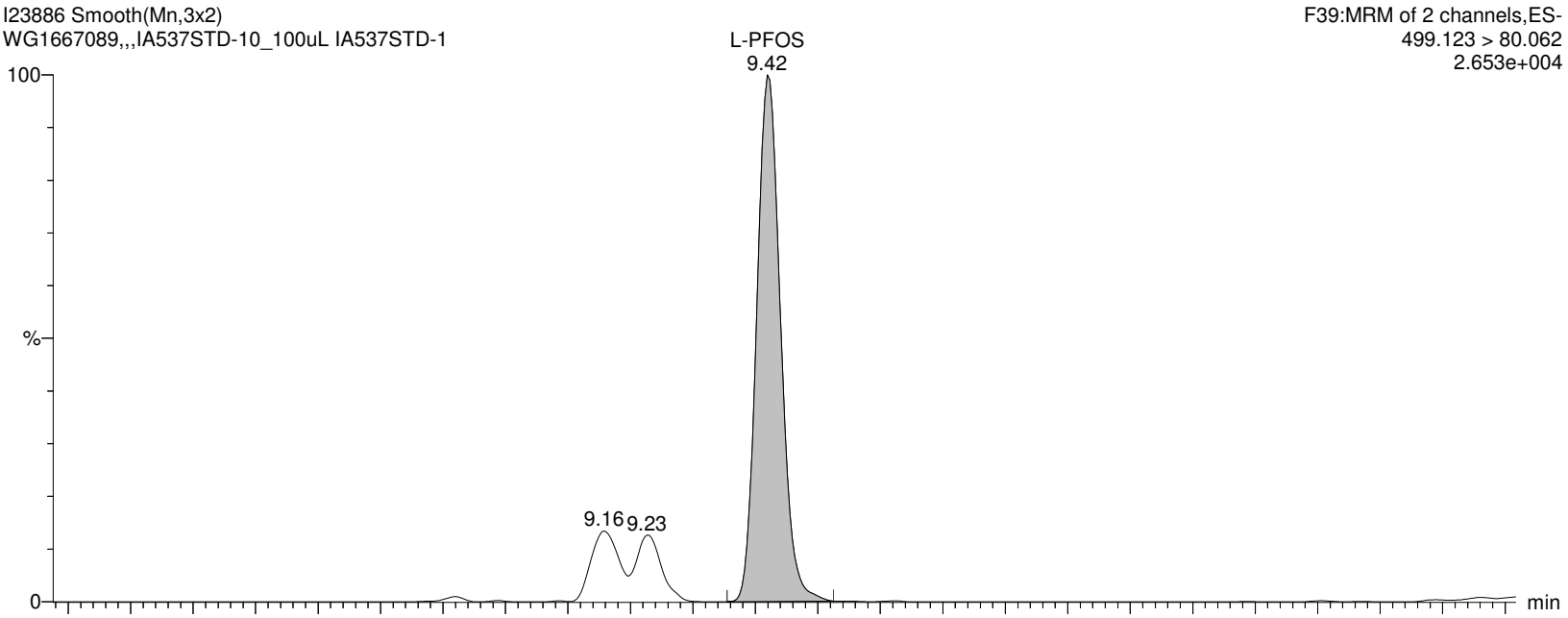


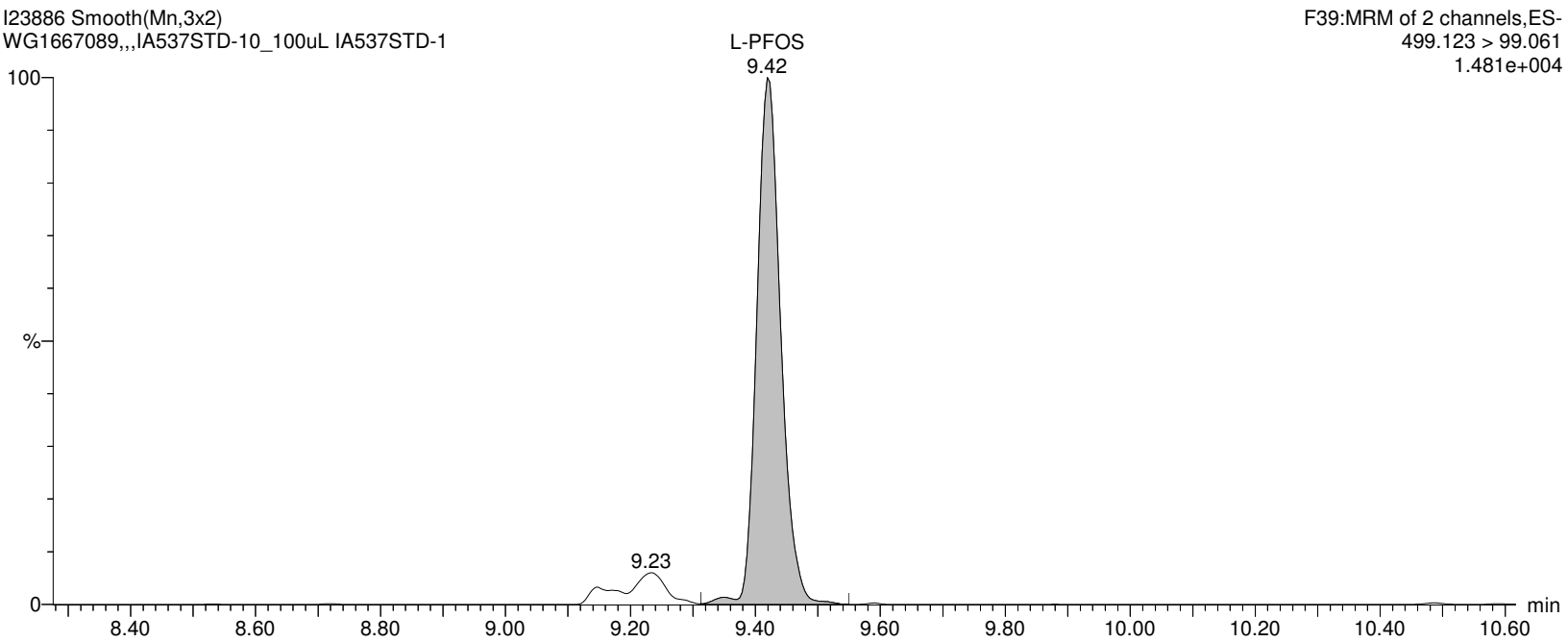
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

L-PFOS



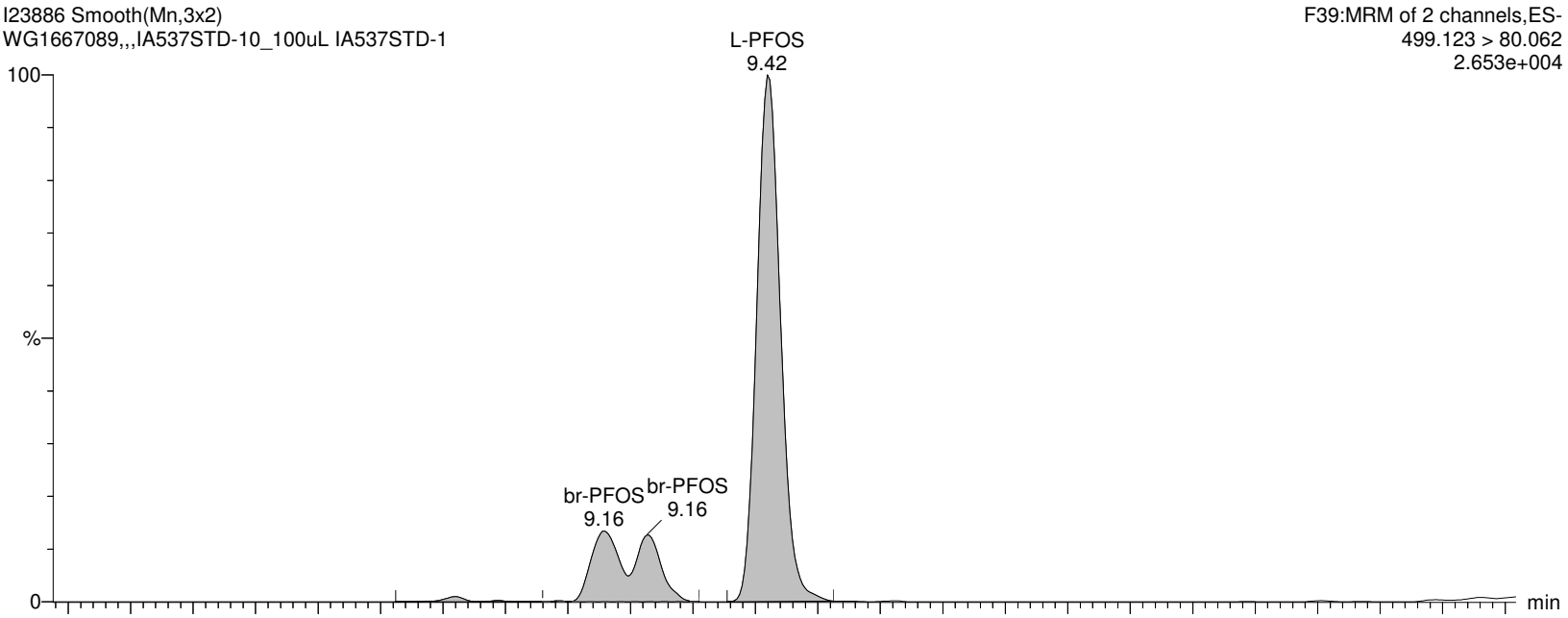


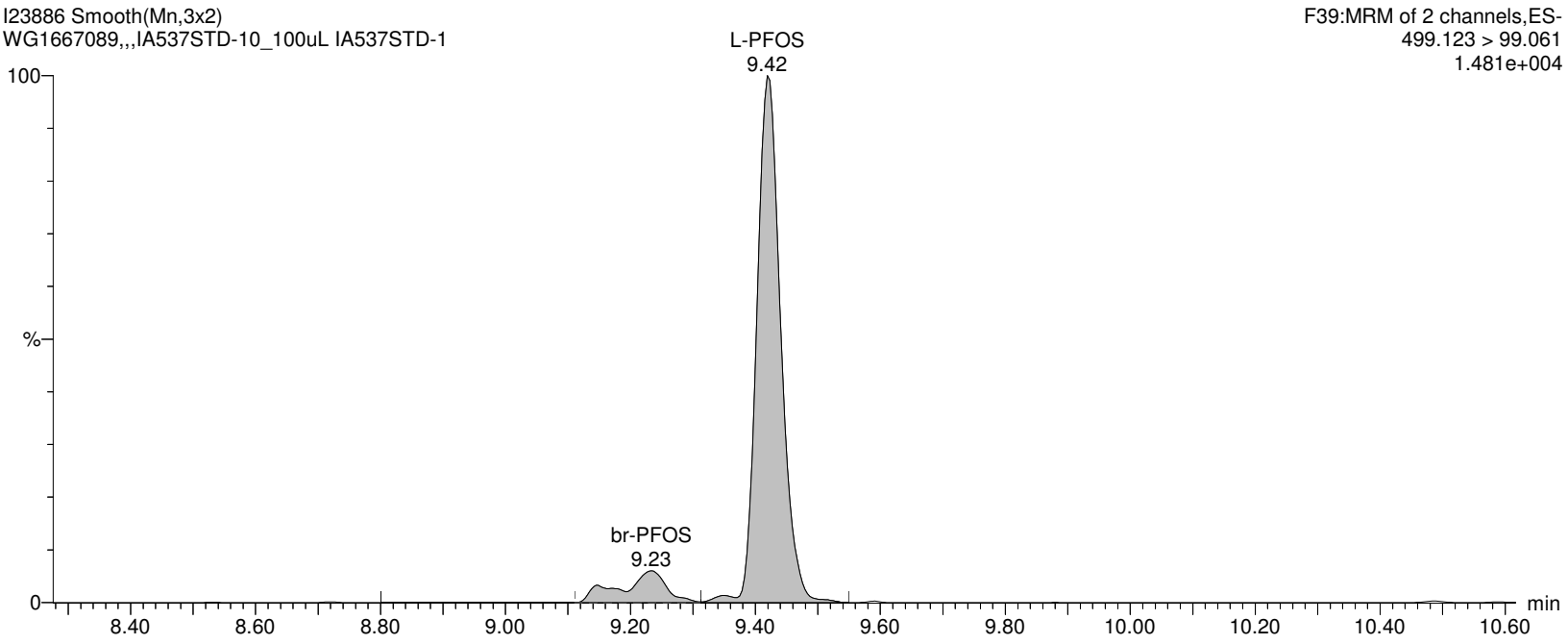
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFOS



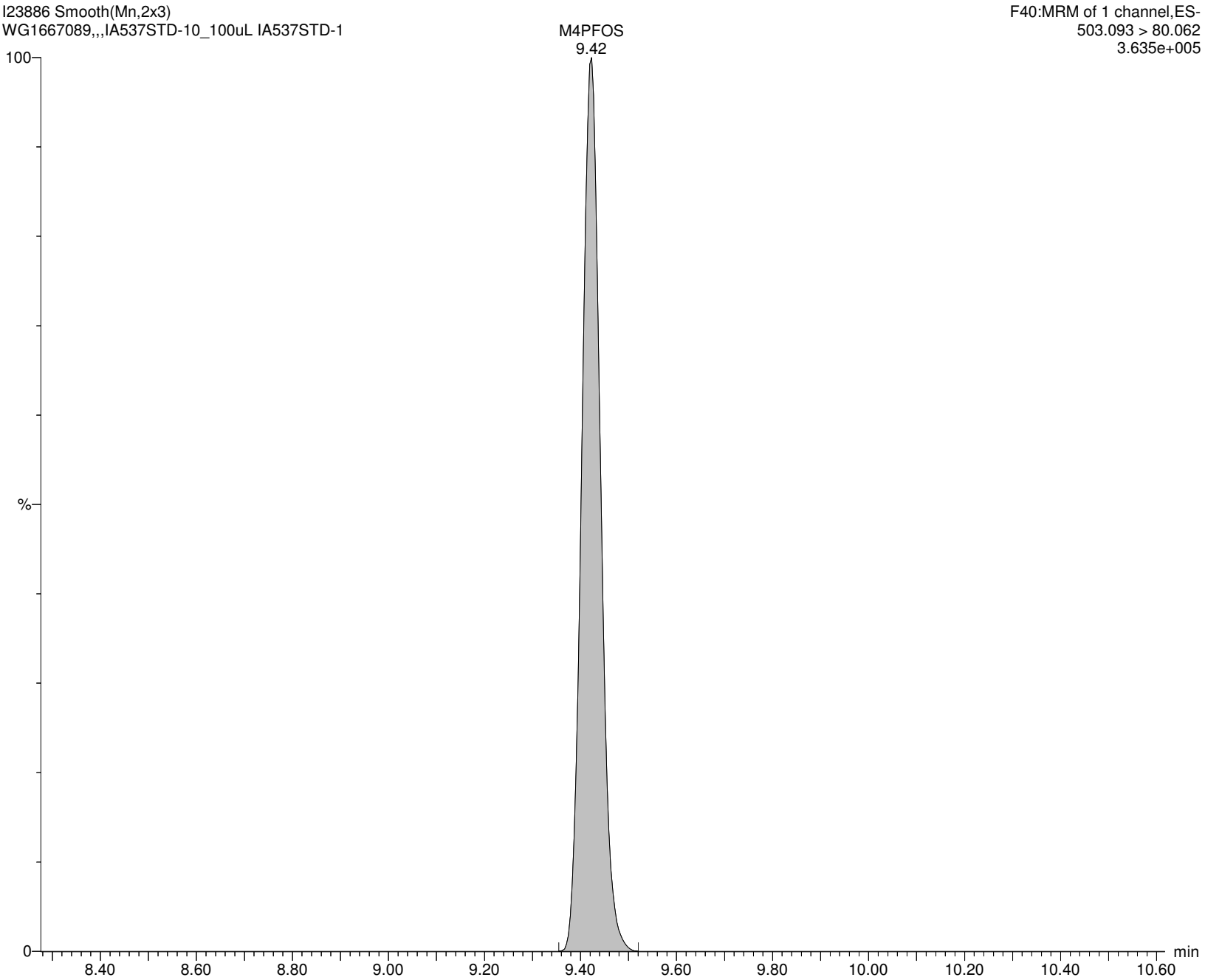


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M4PFOS

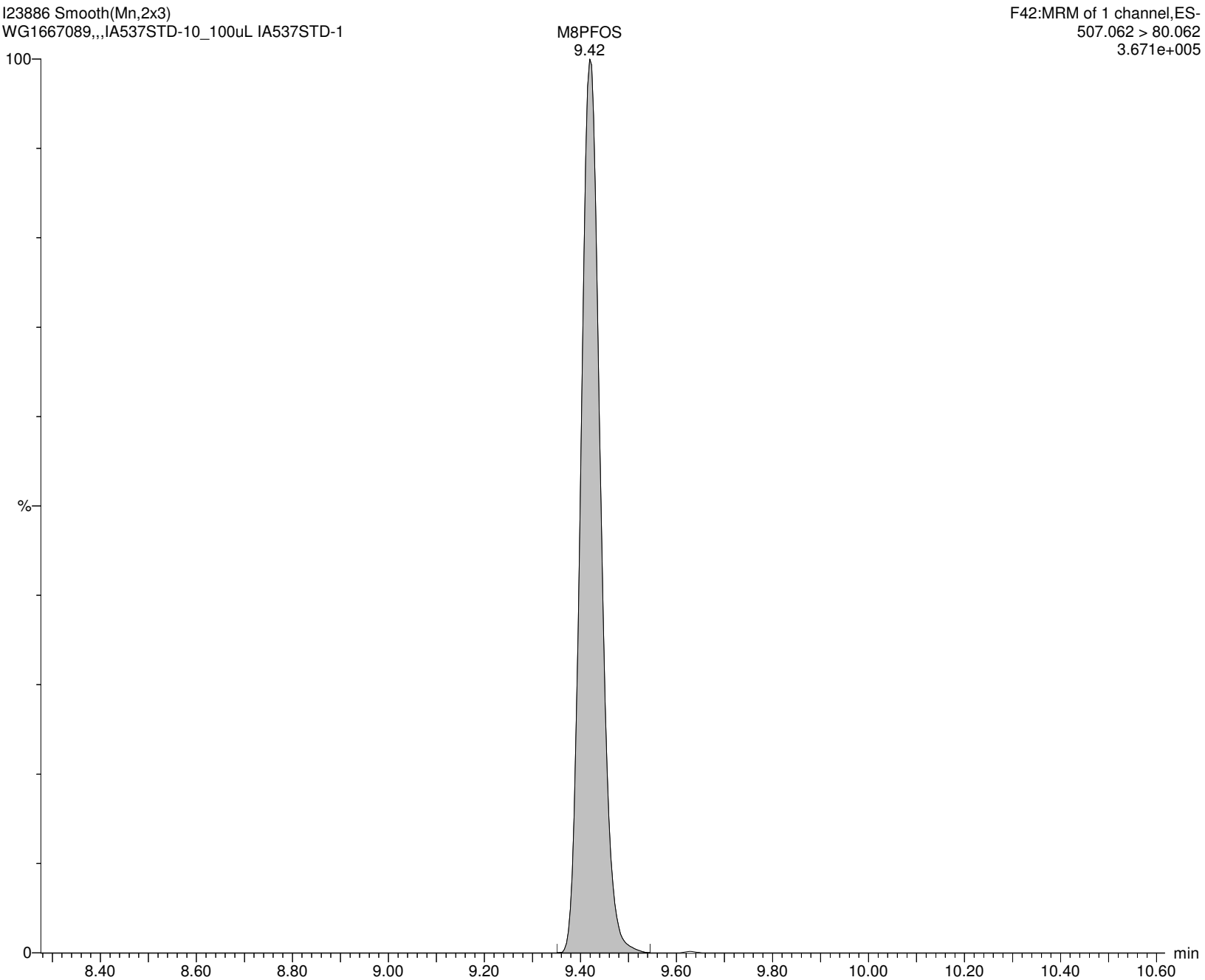


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M8PFOS

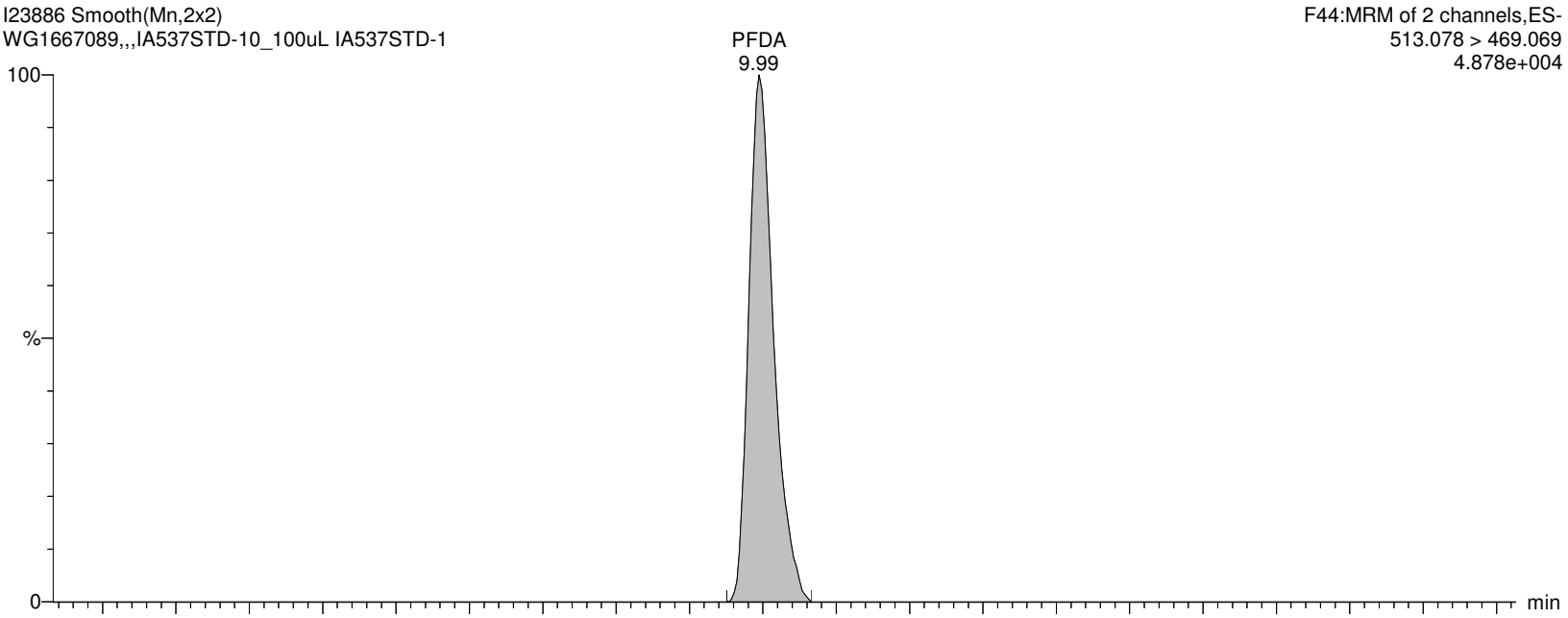


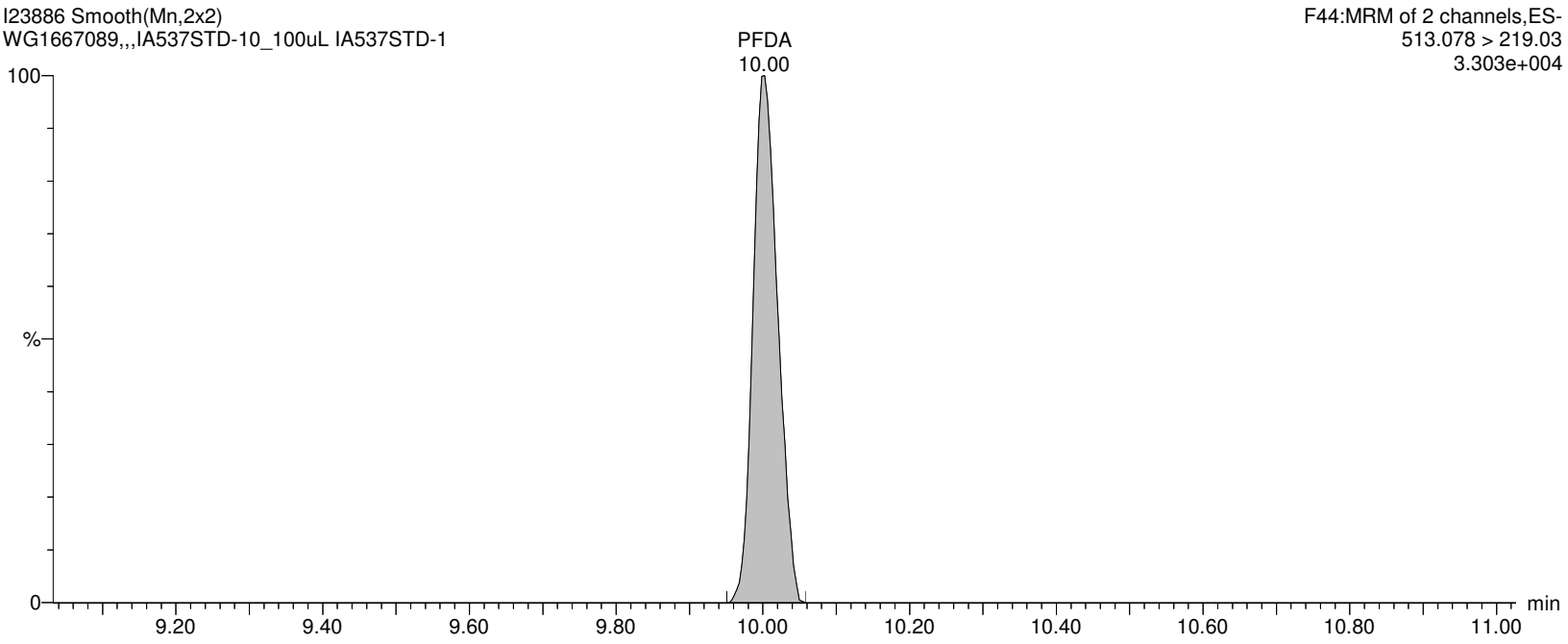
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFDA



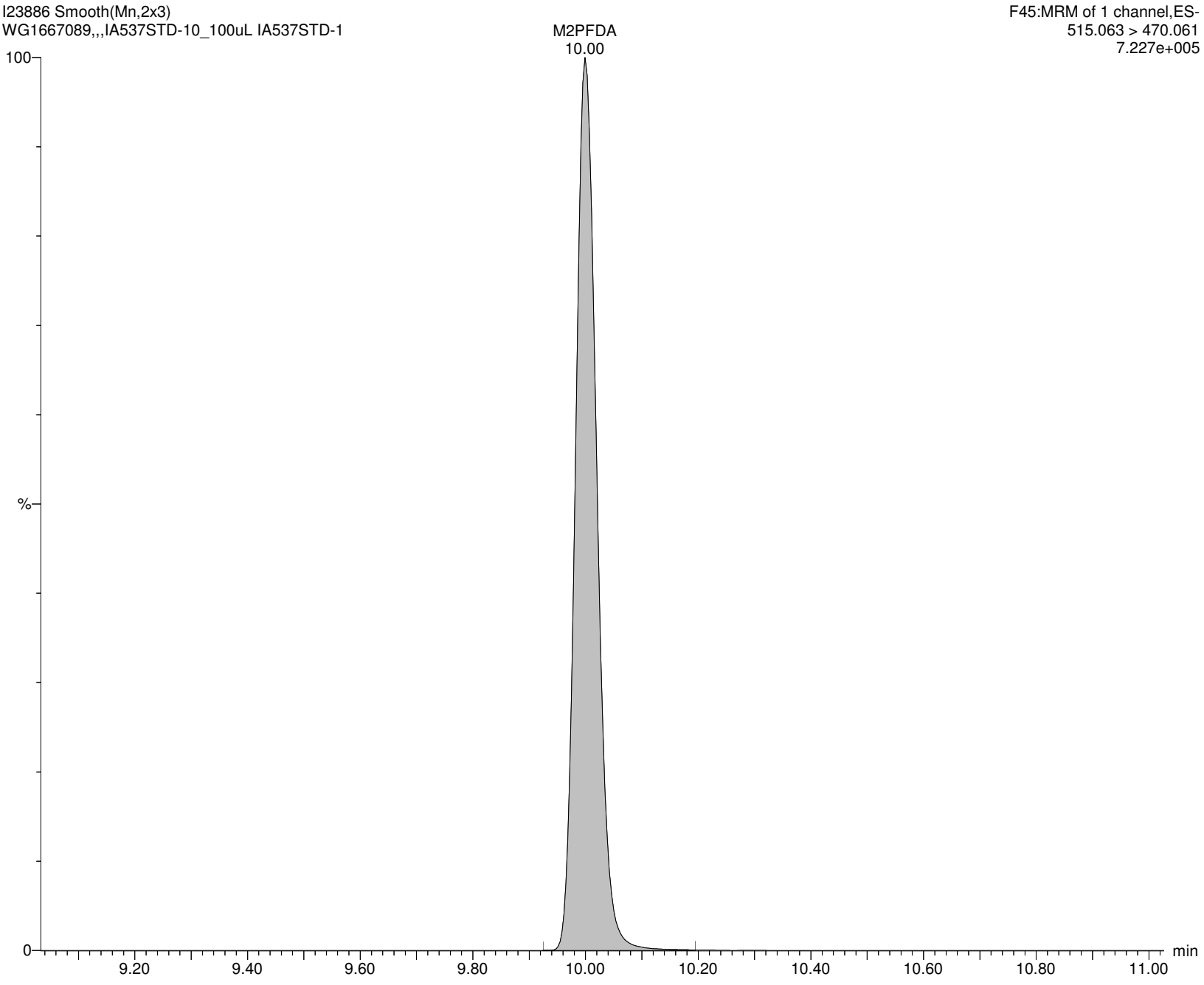


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2PFDA

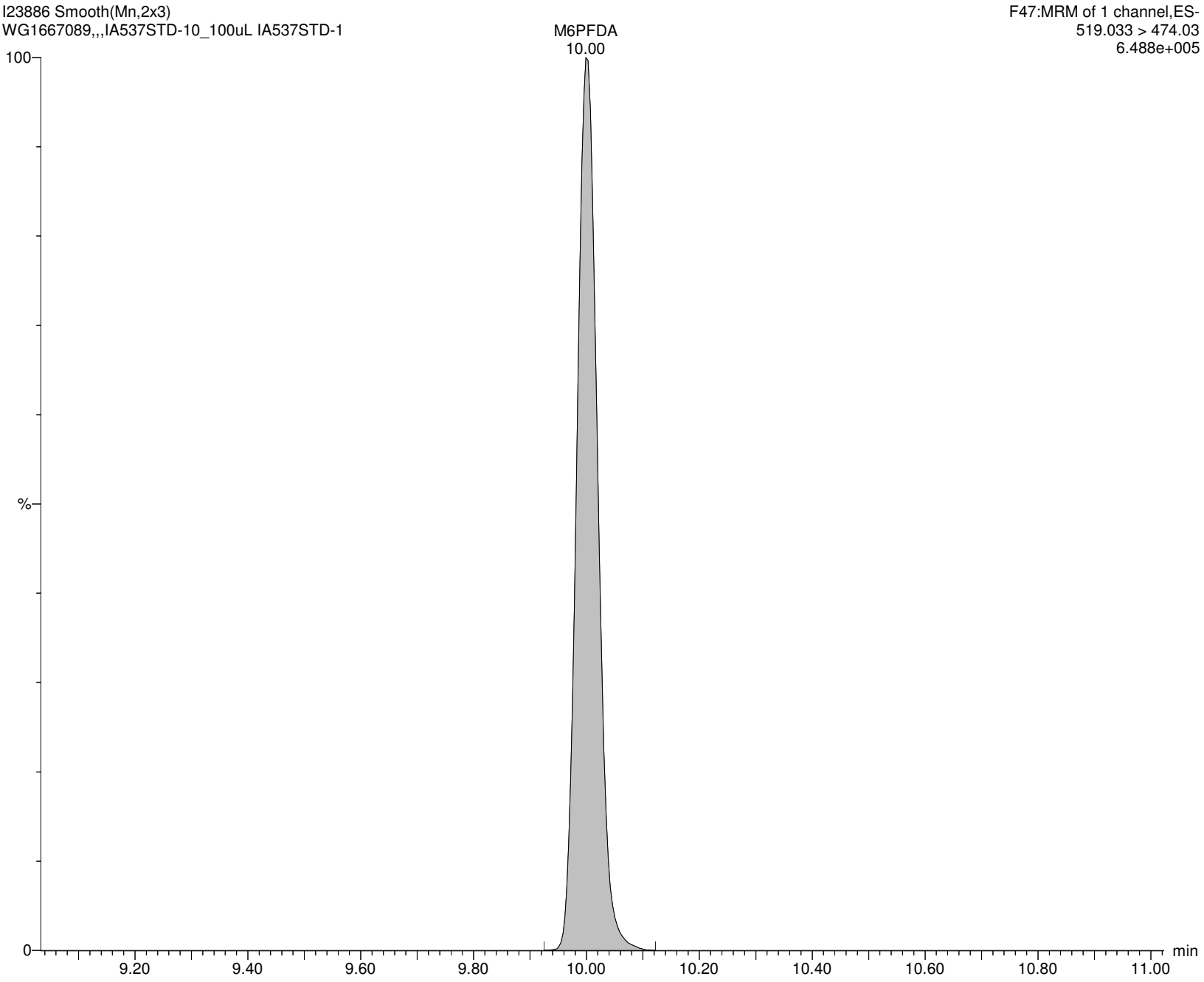


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M6PFDA

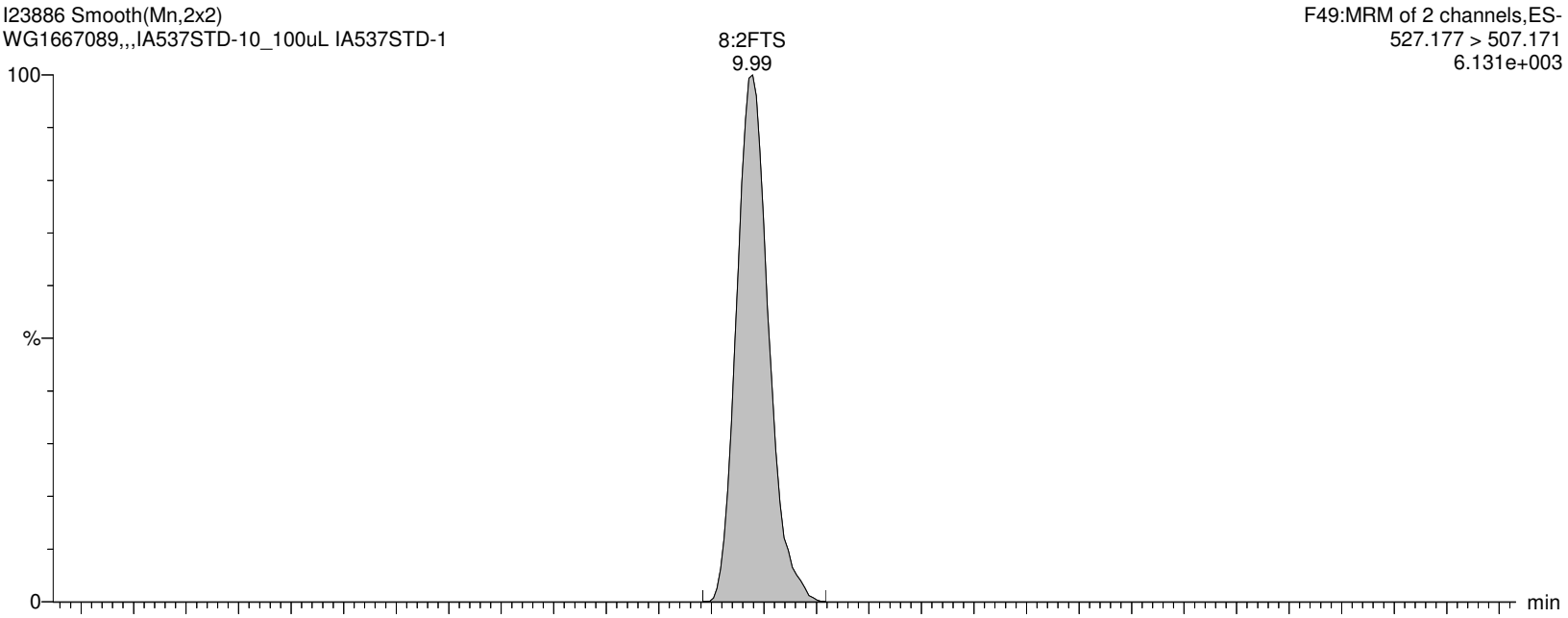


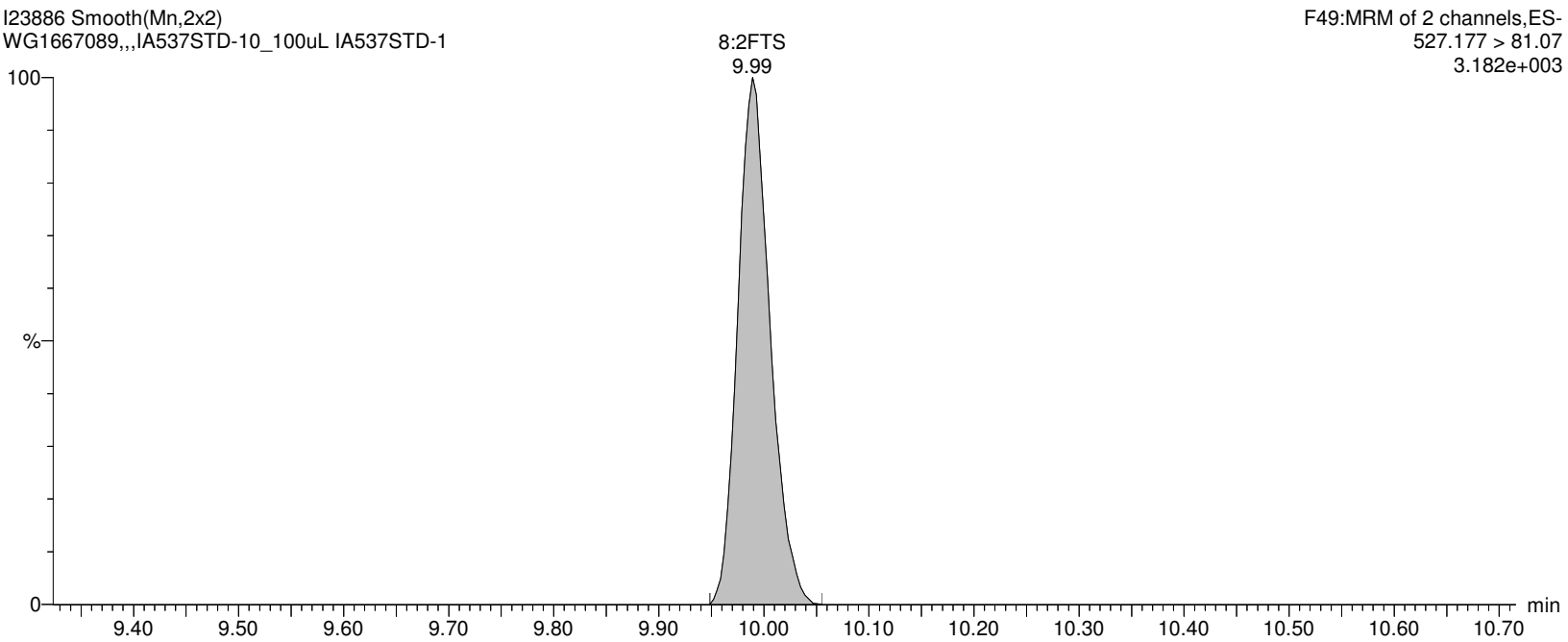
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

8:2FTS



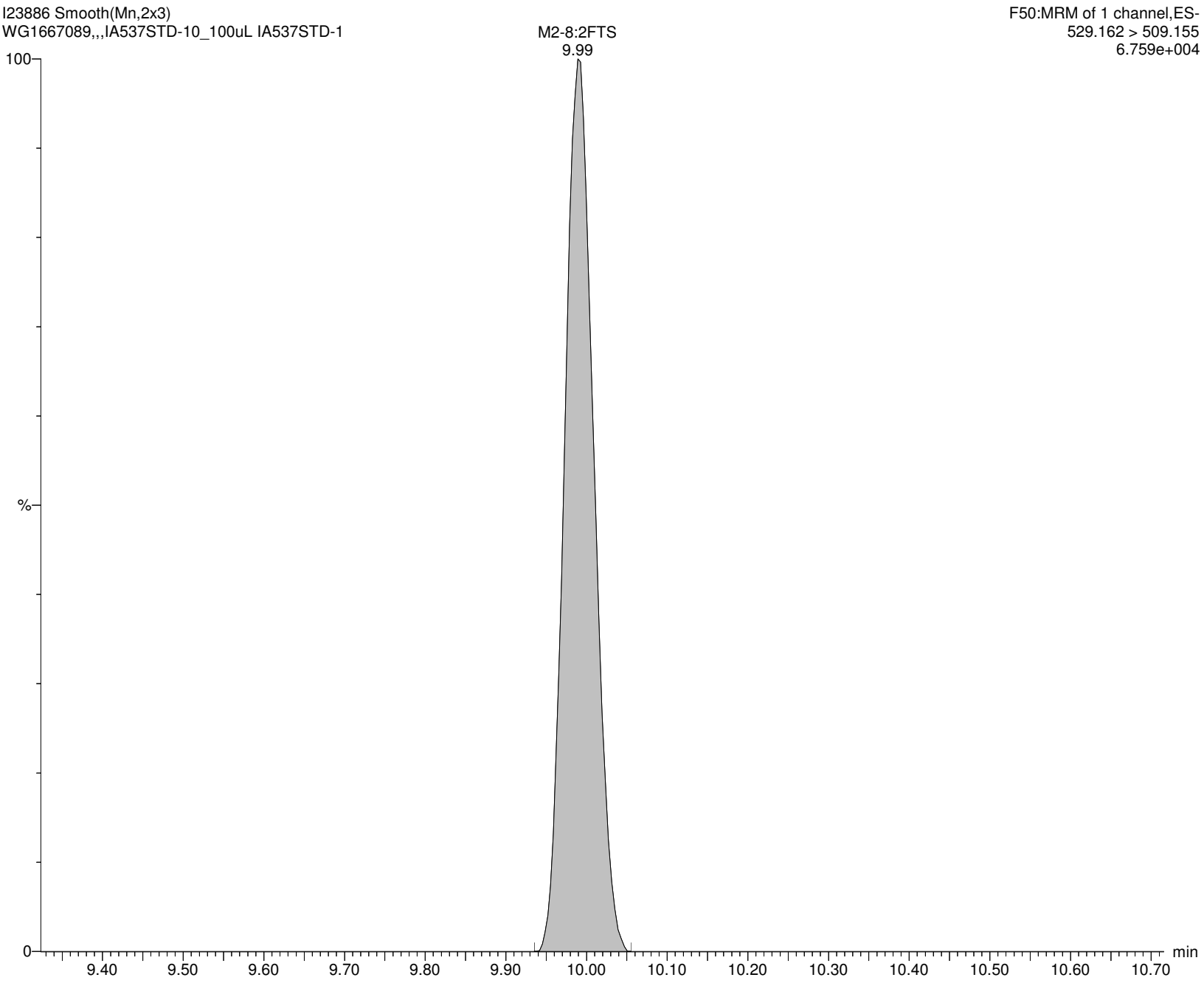


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2-8:2FTS

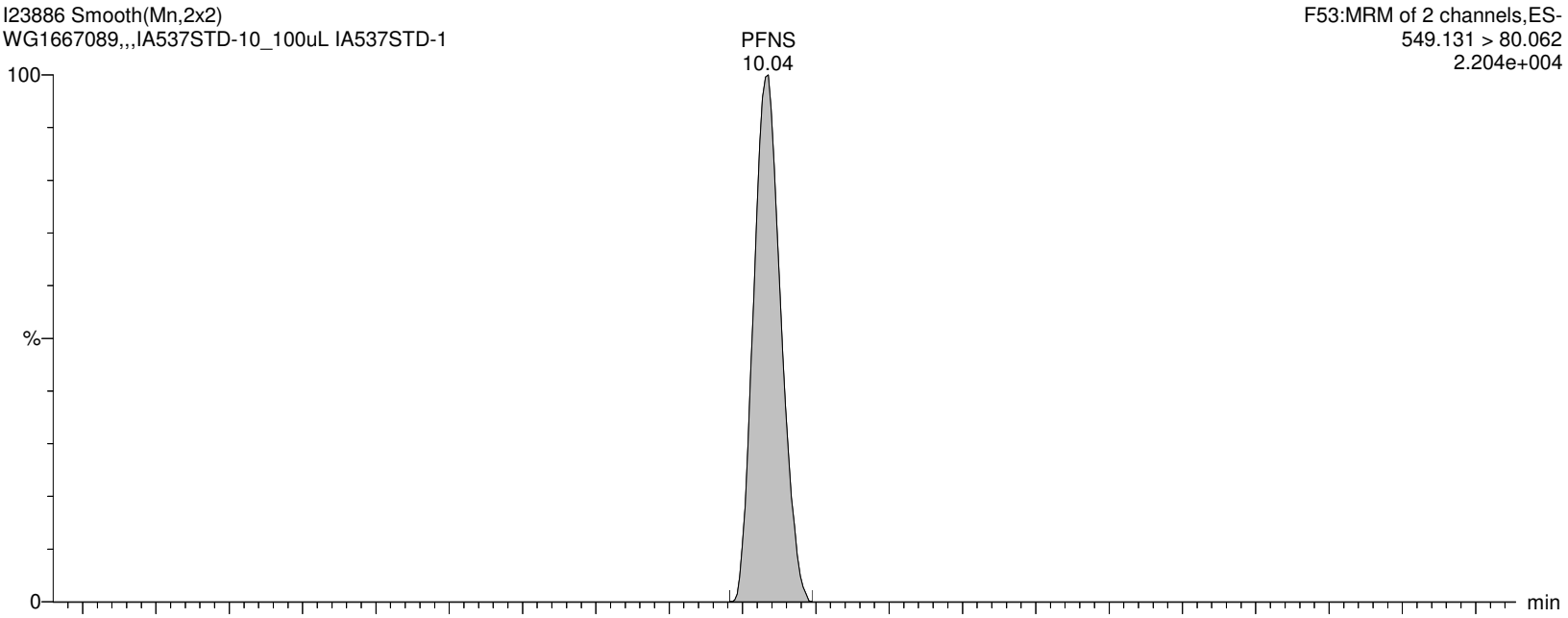


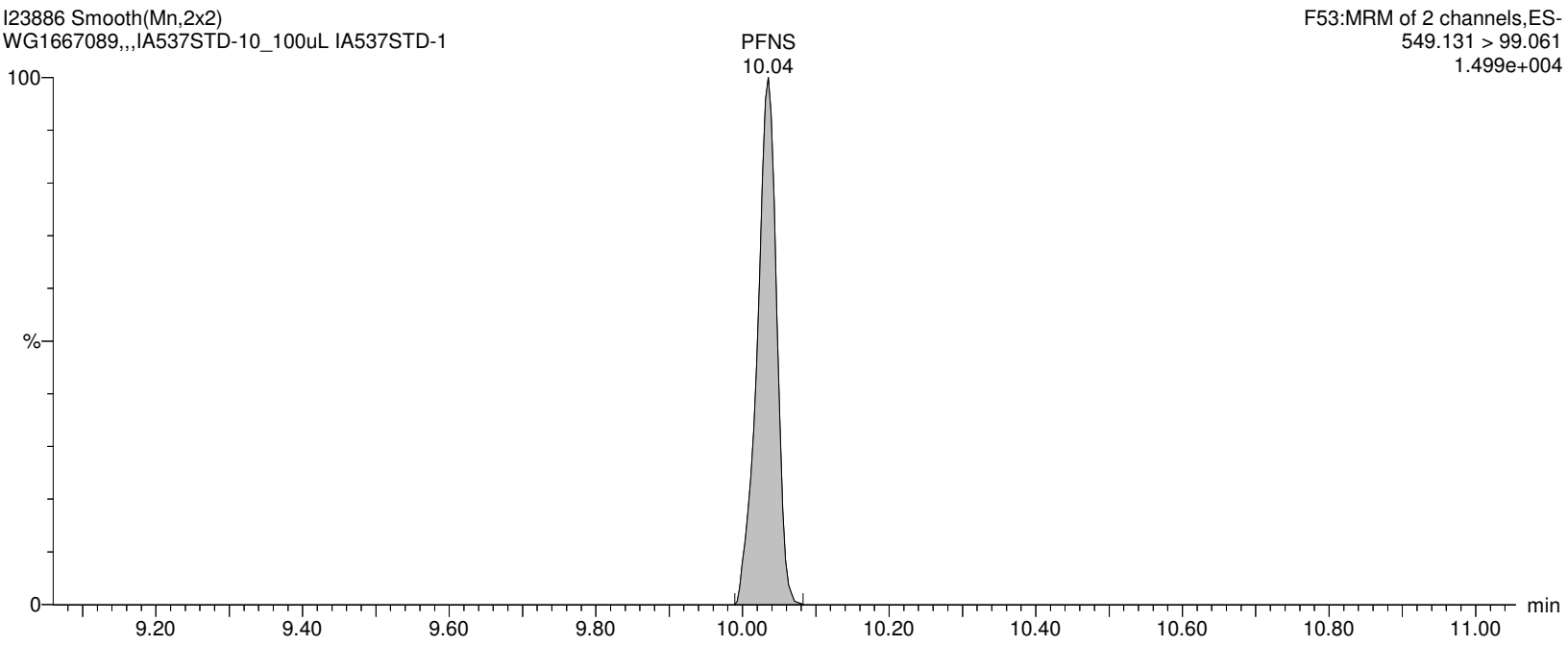
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFNS



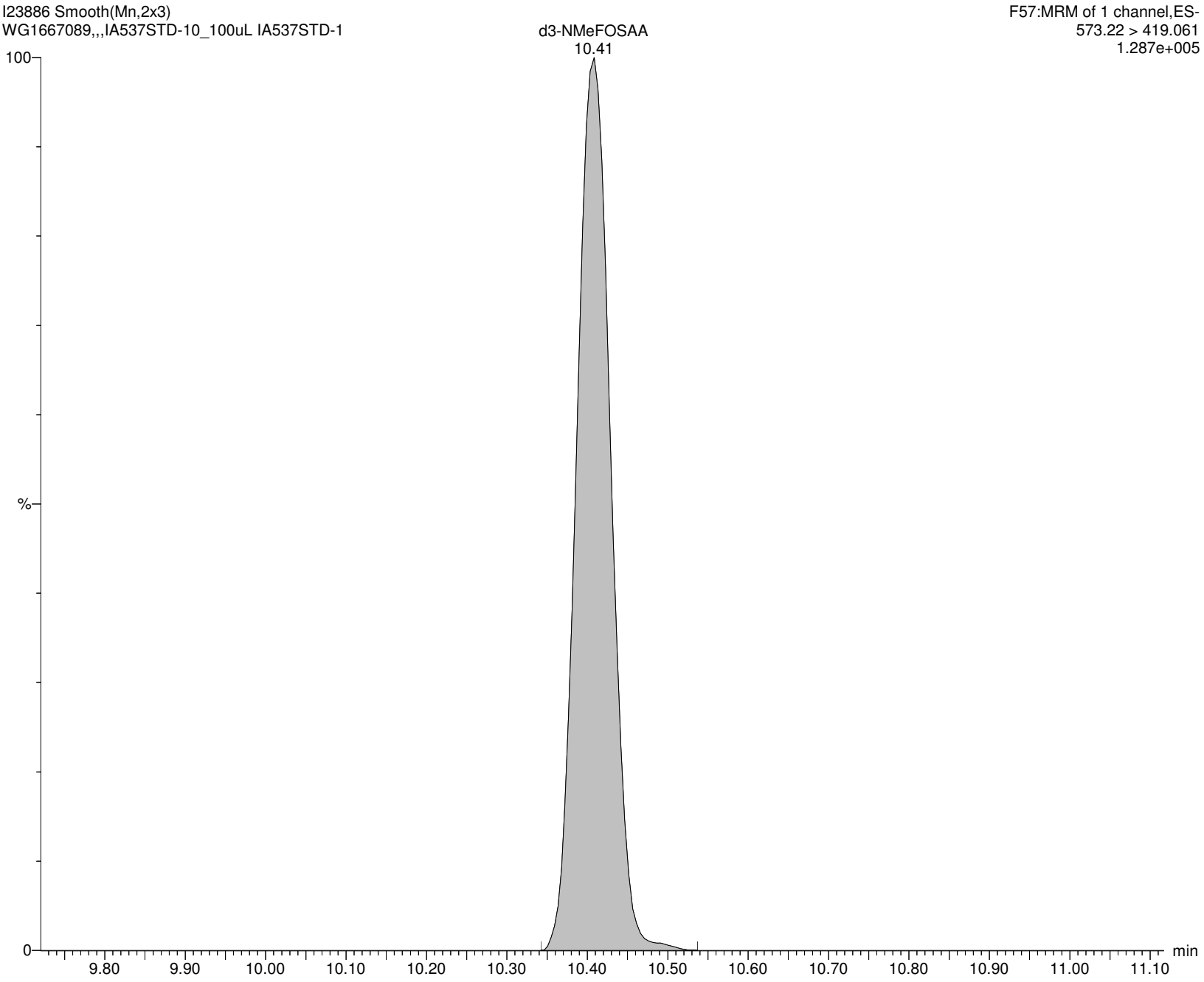


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

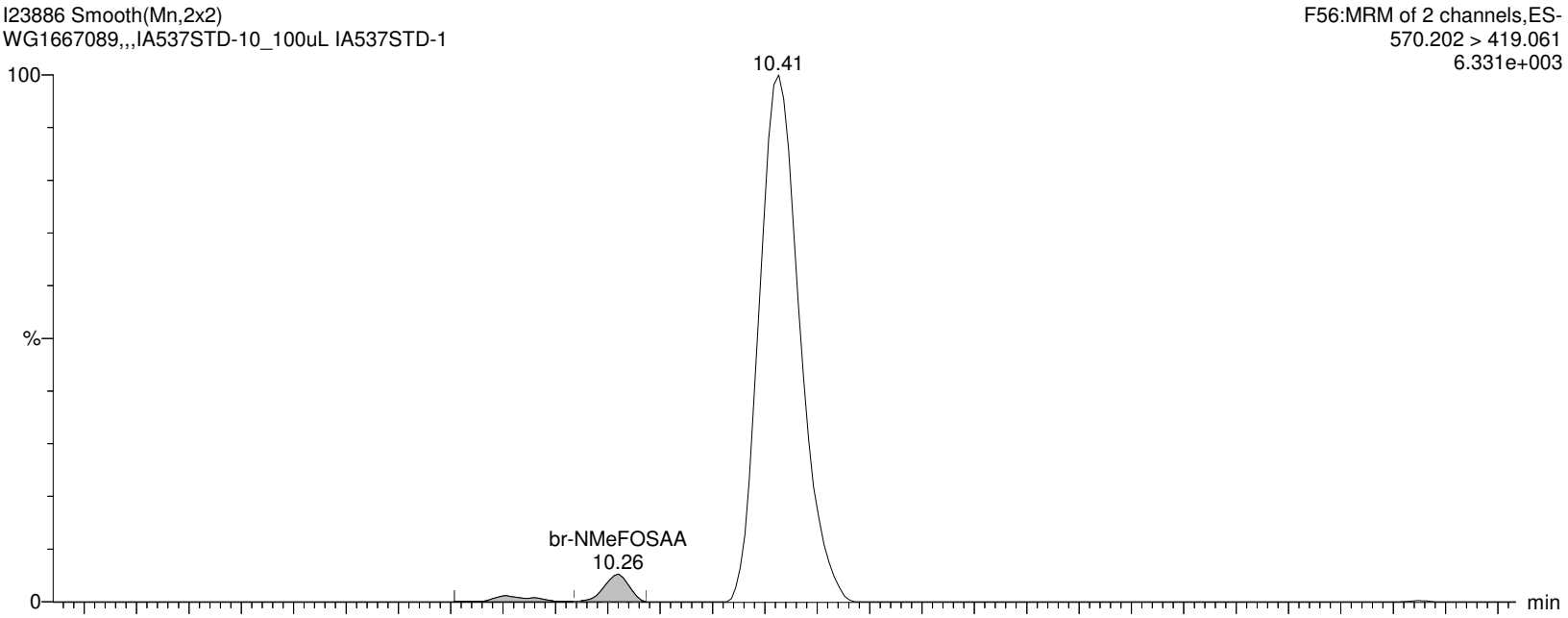
d3-NMeFOSAA

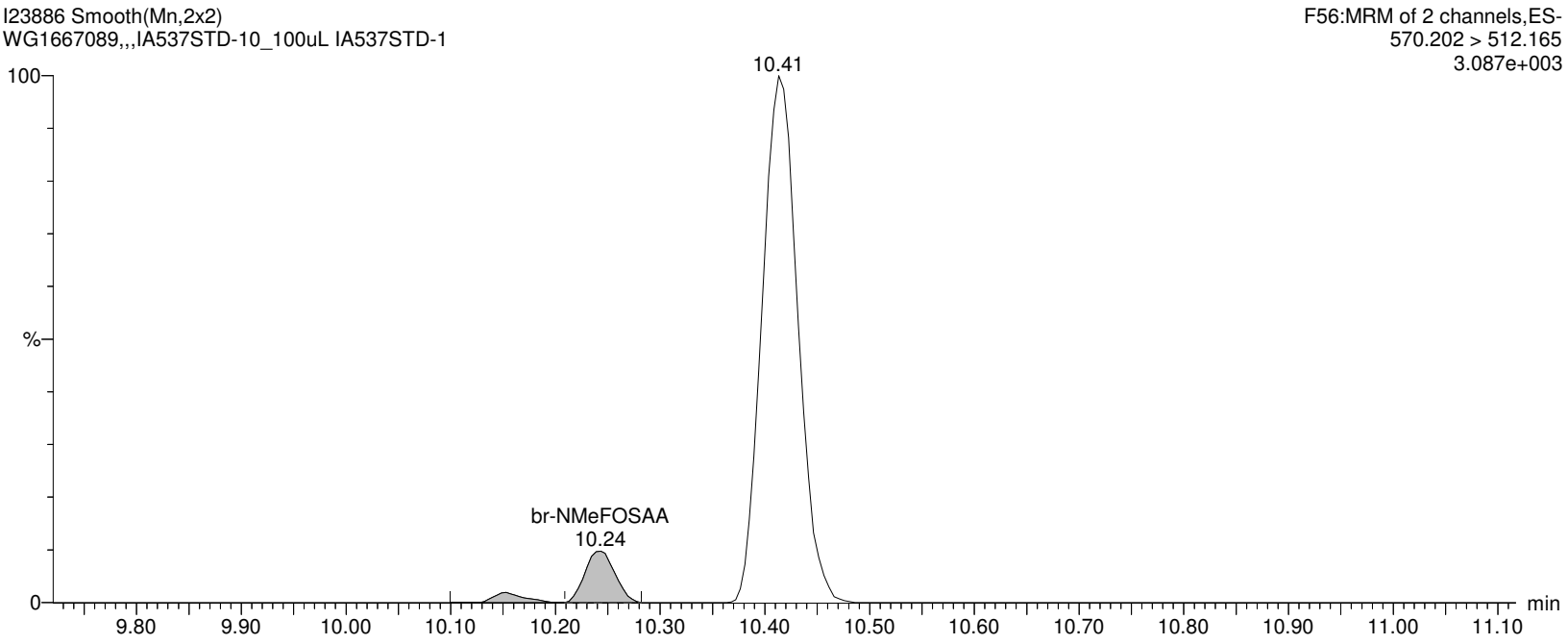


all concentration units in (ng/mL)

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

br-NMeFOSAA

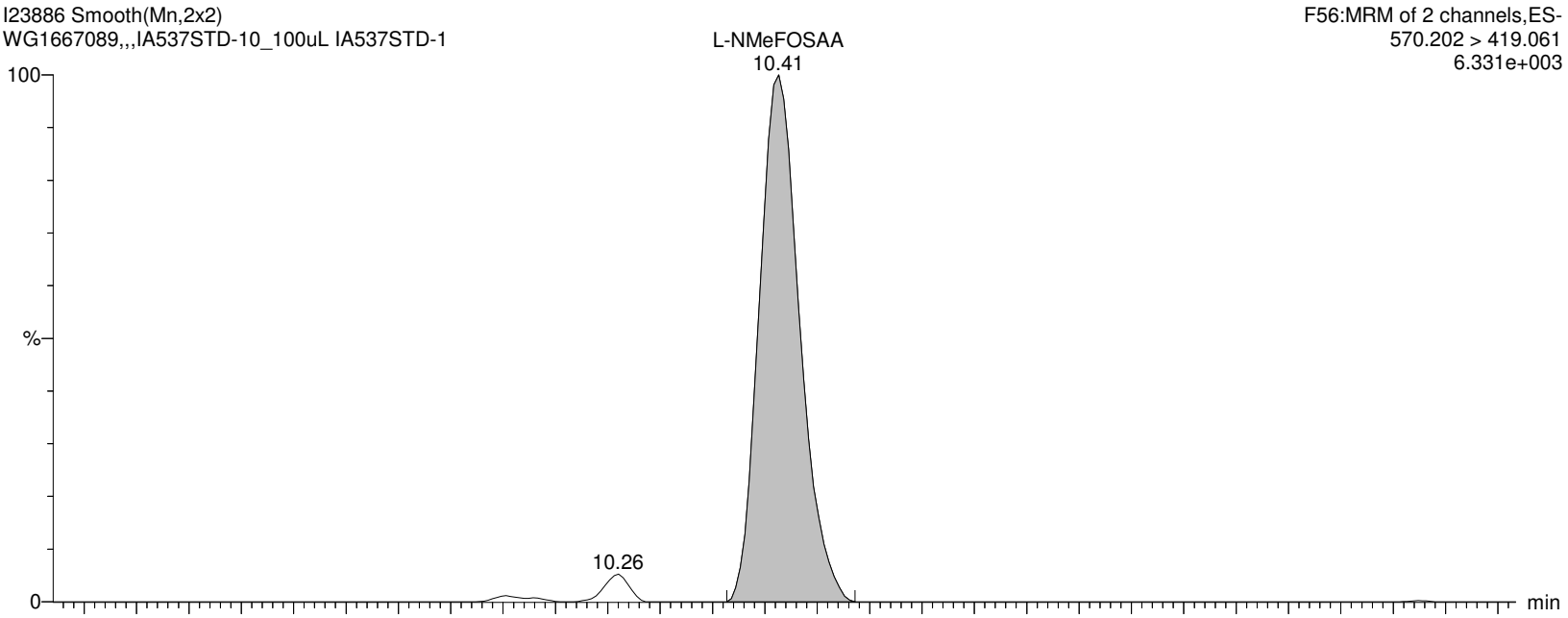


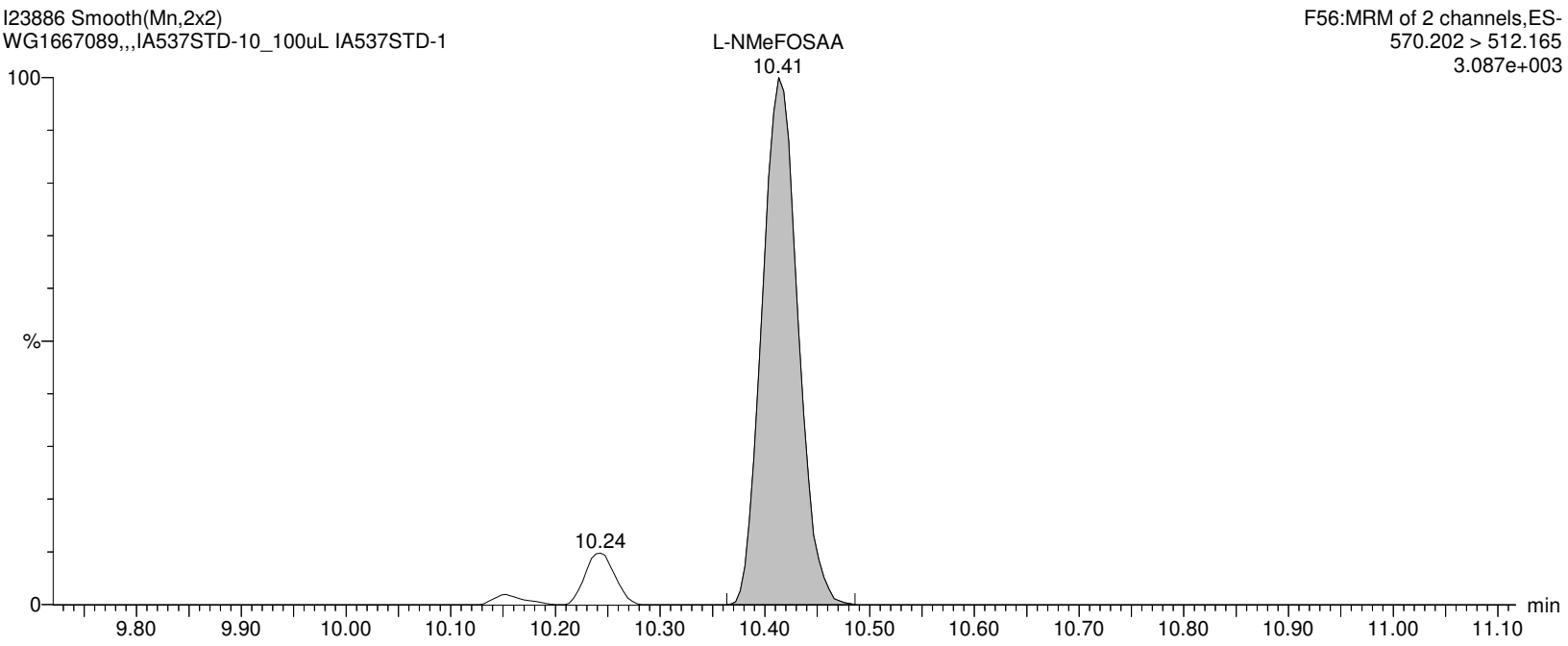


Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

L-NMeFOSAA



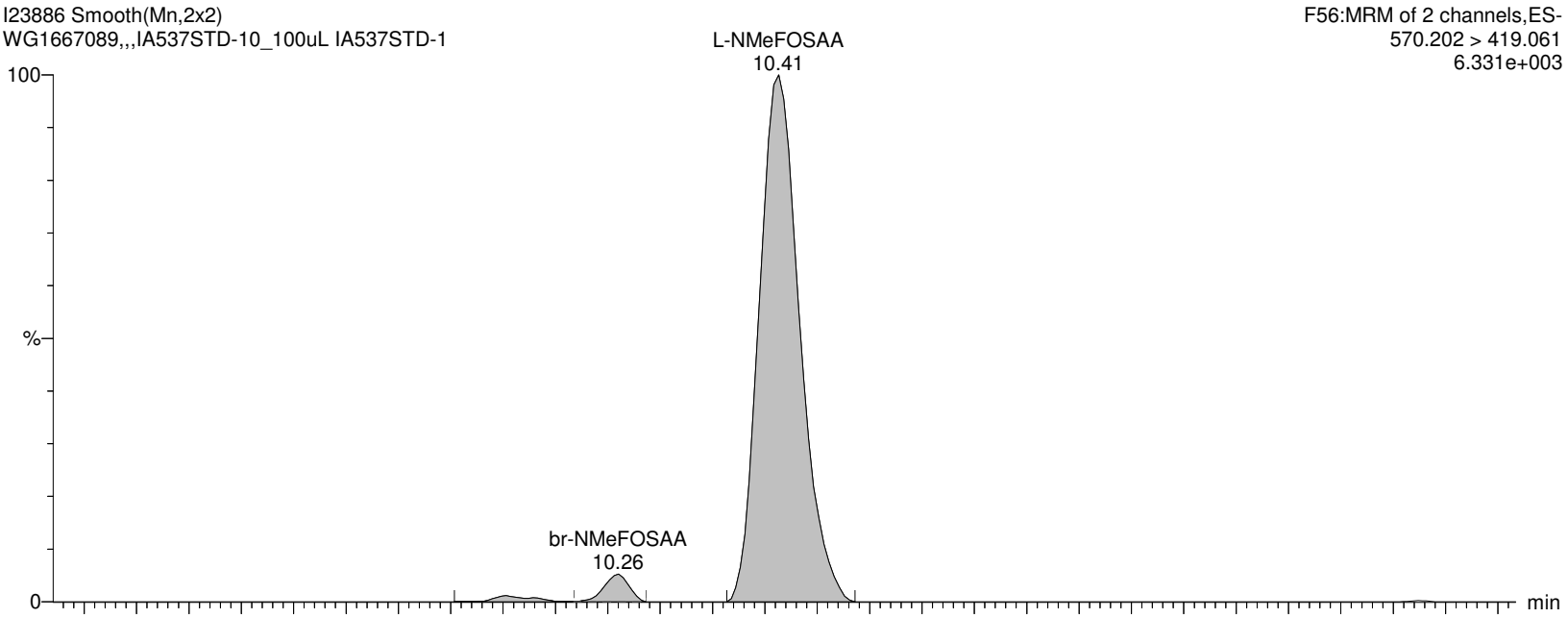


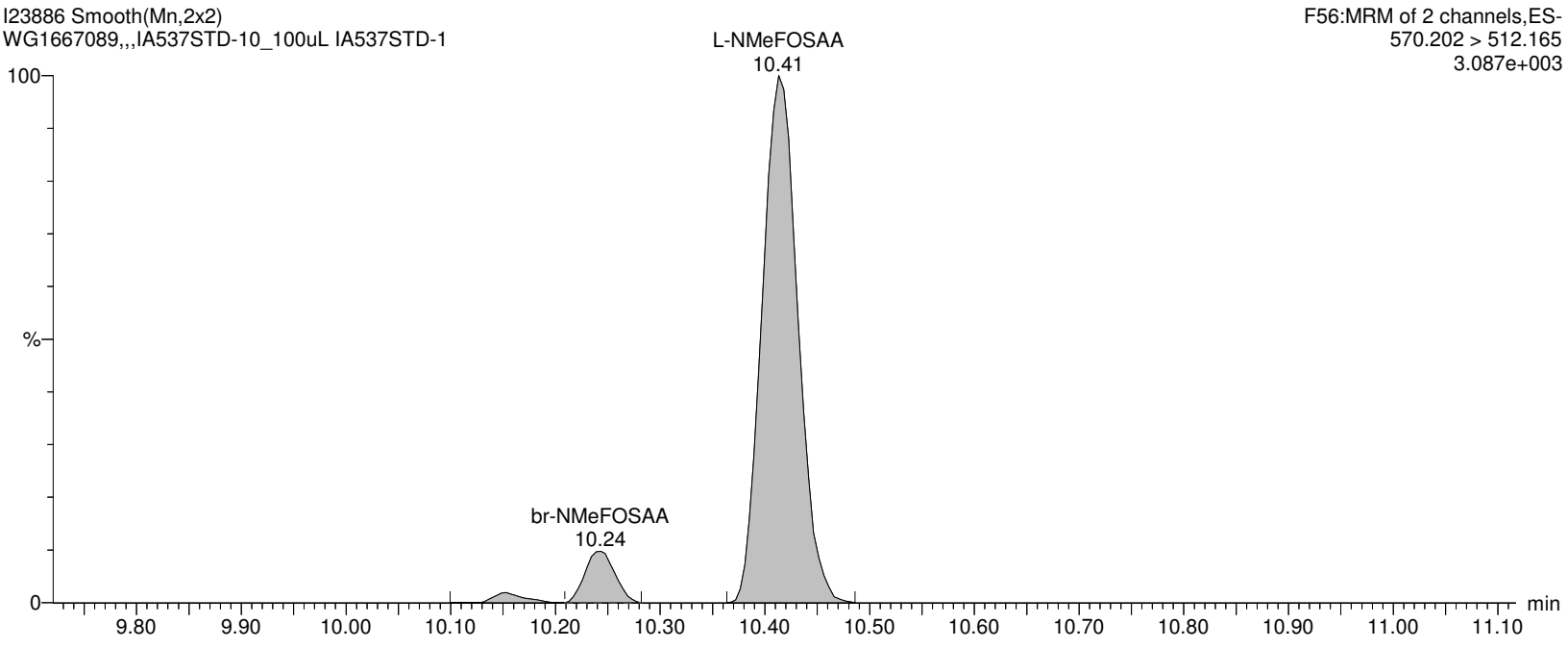
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NMeFOSAA



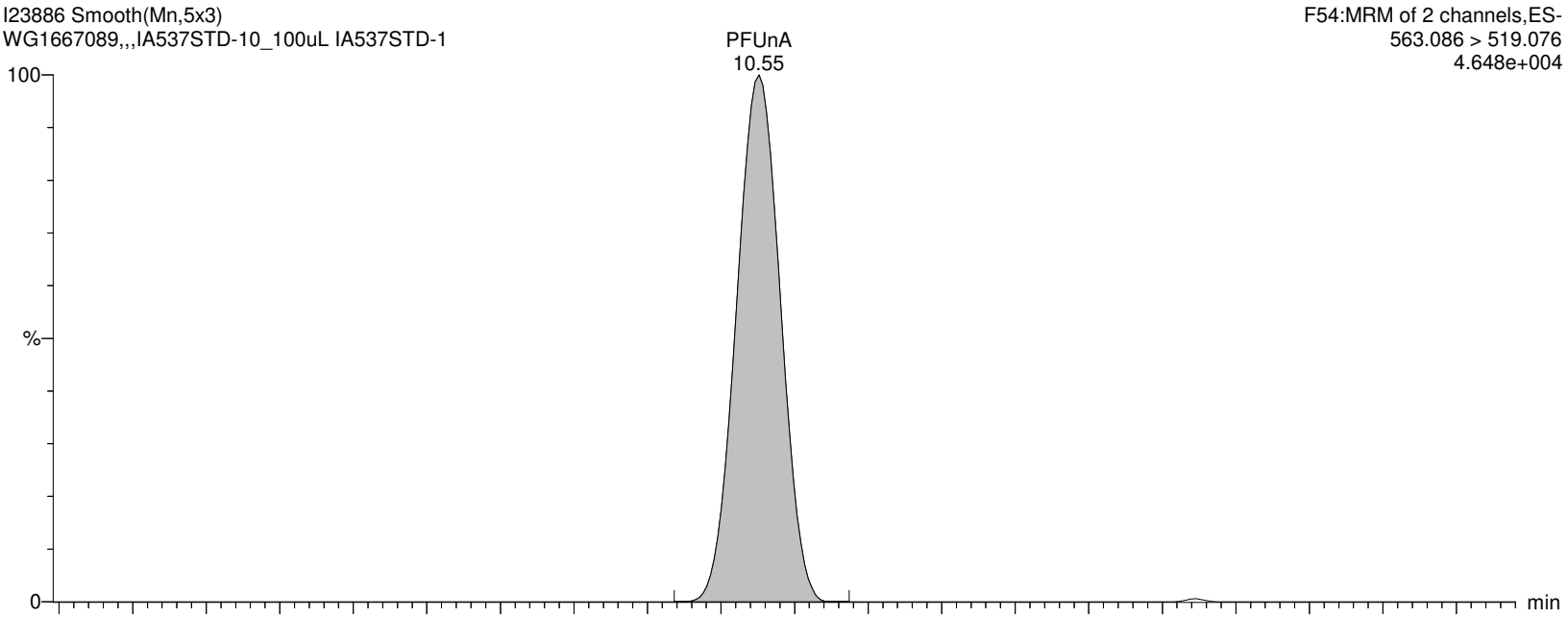


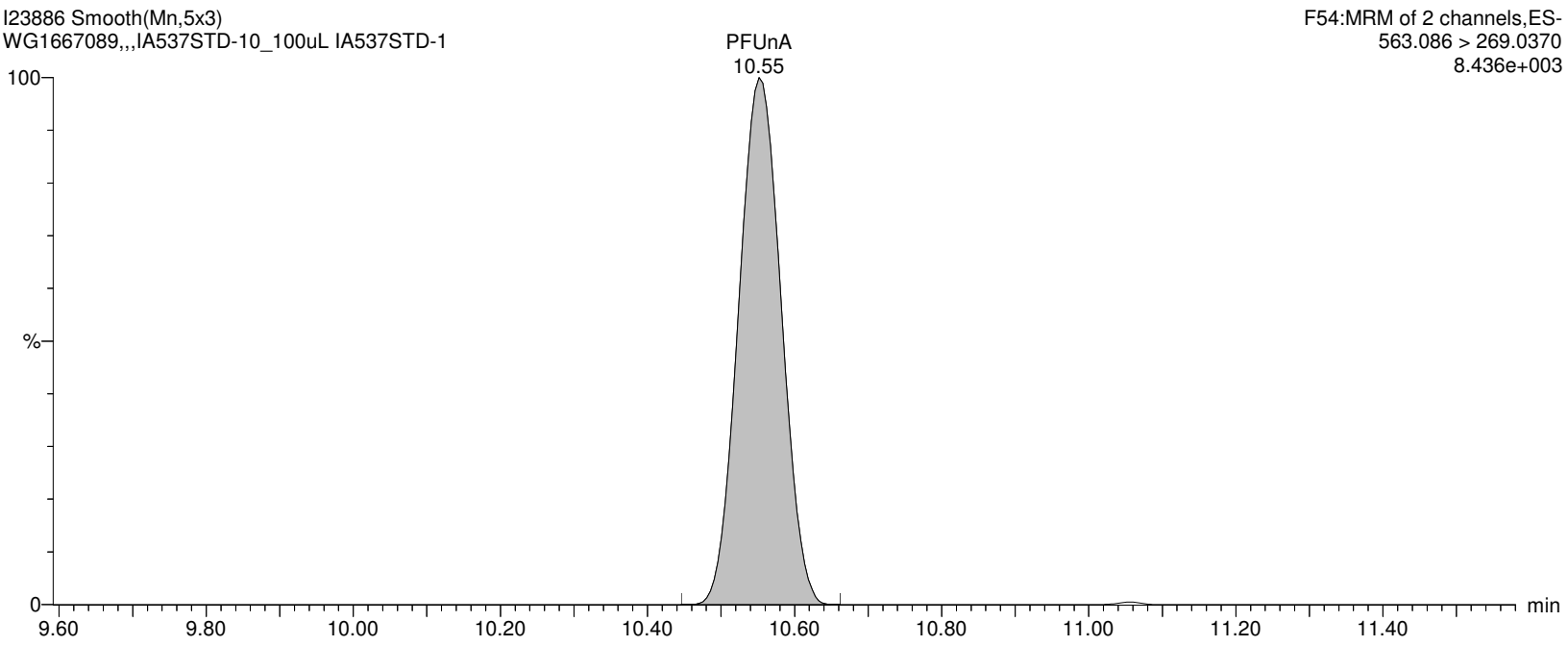
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFUnA



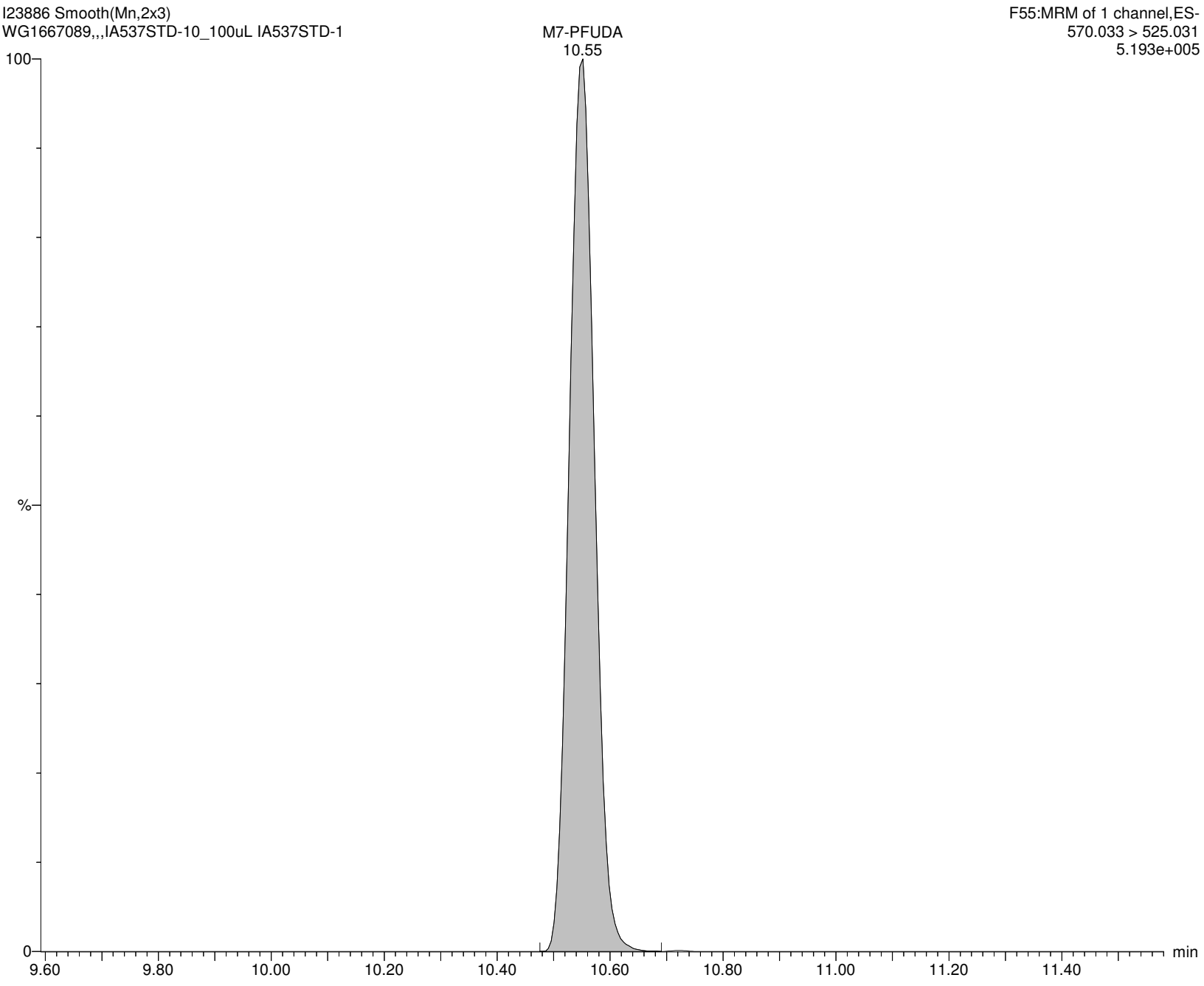


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M7-PFUDA

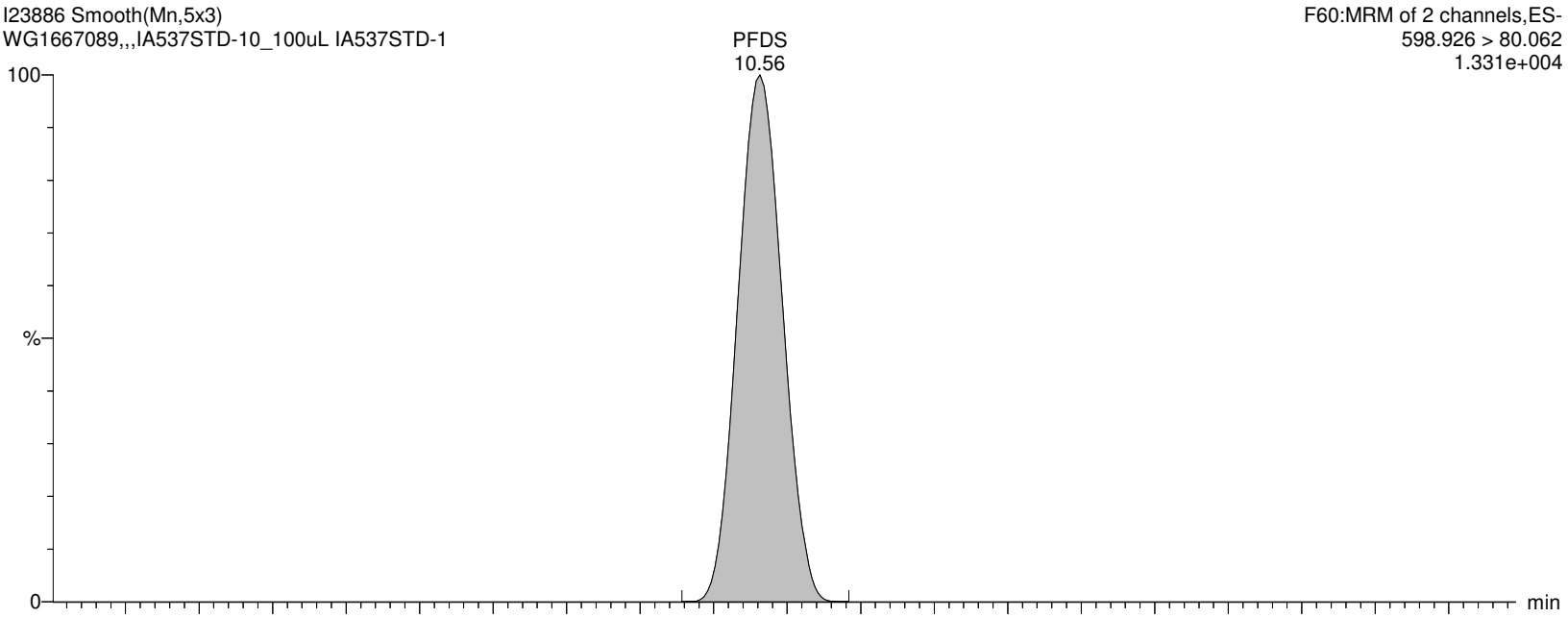


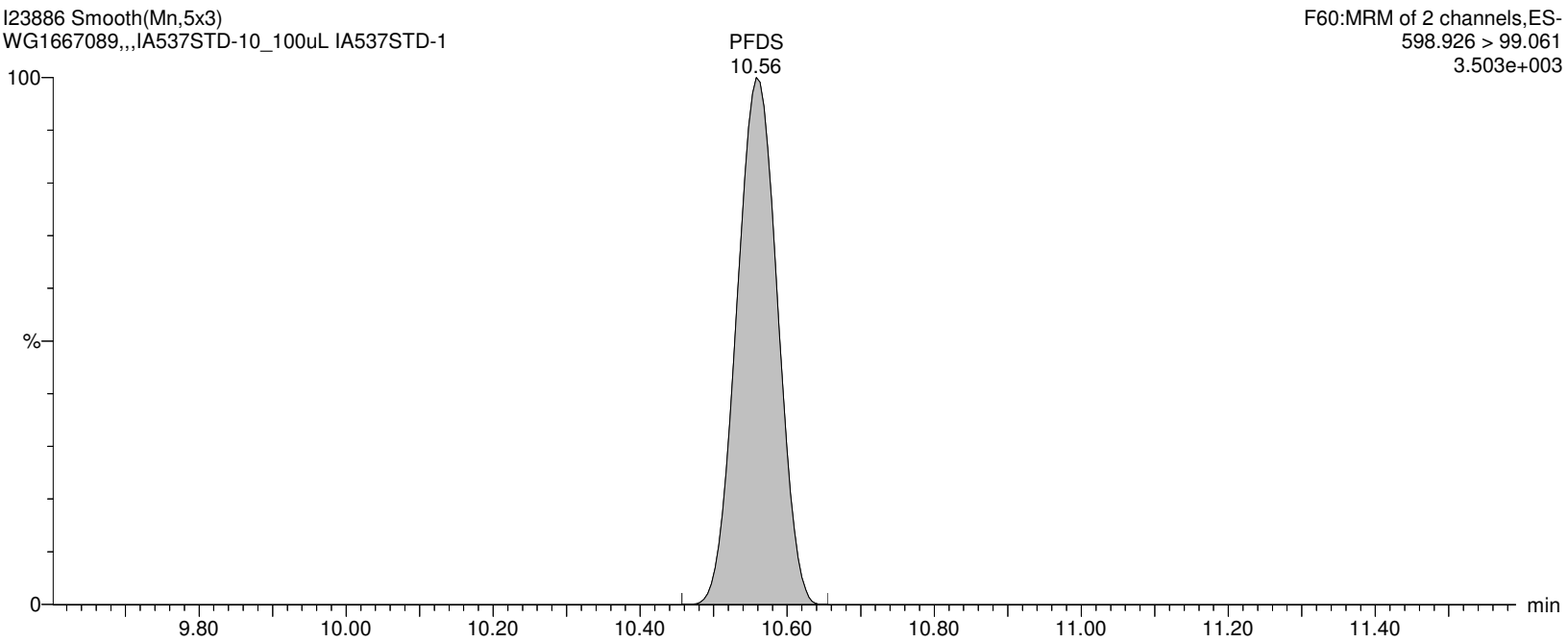
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFDS



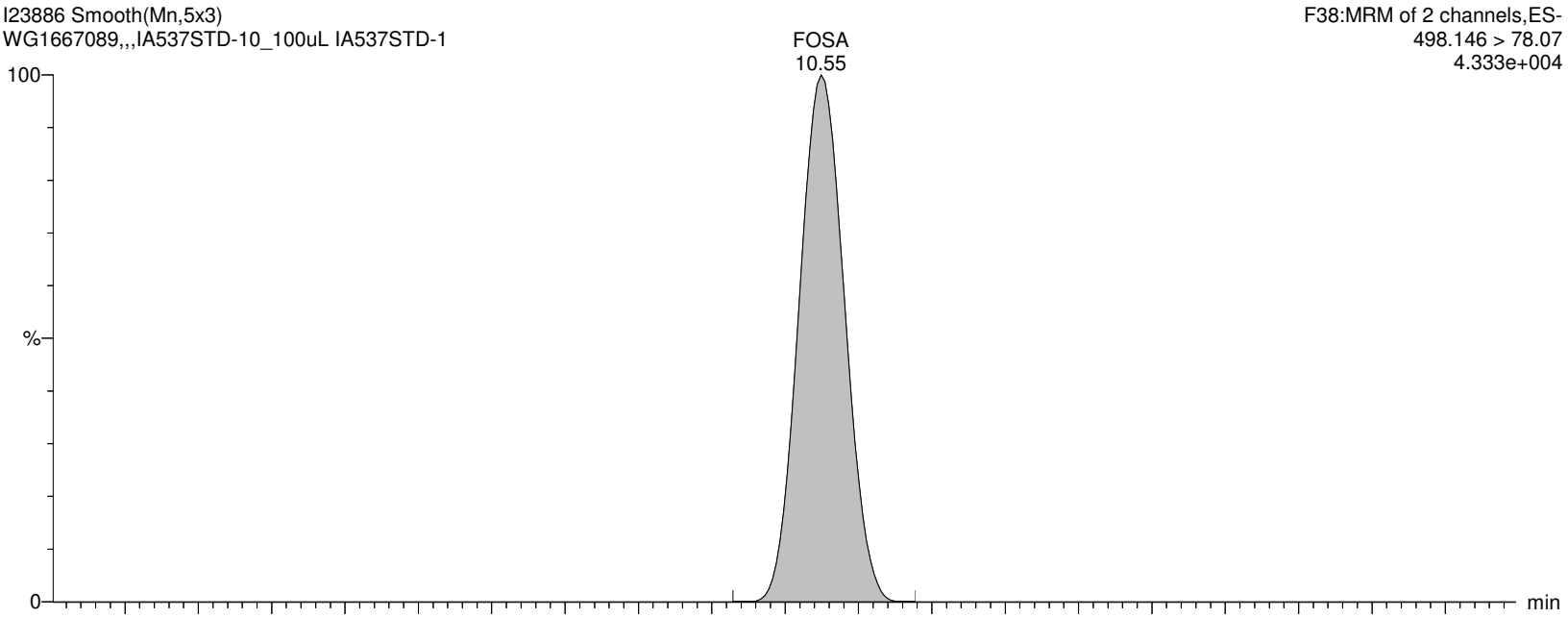


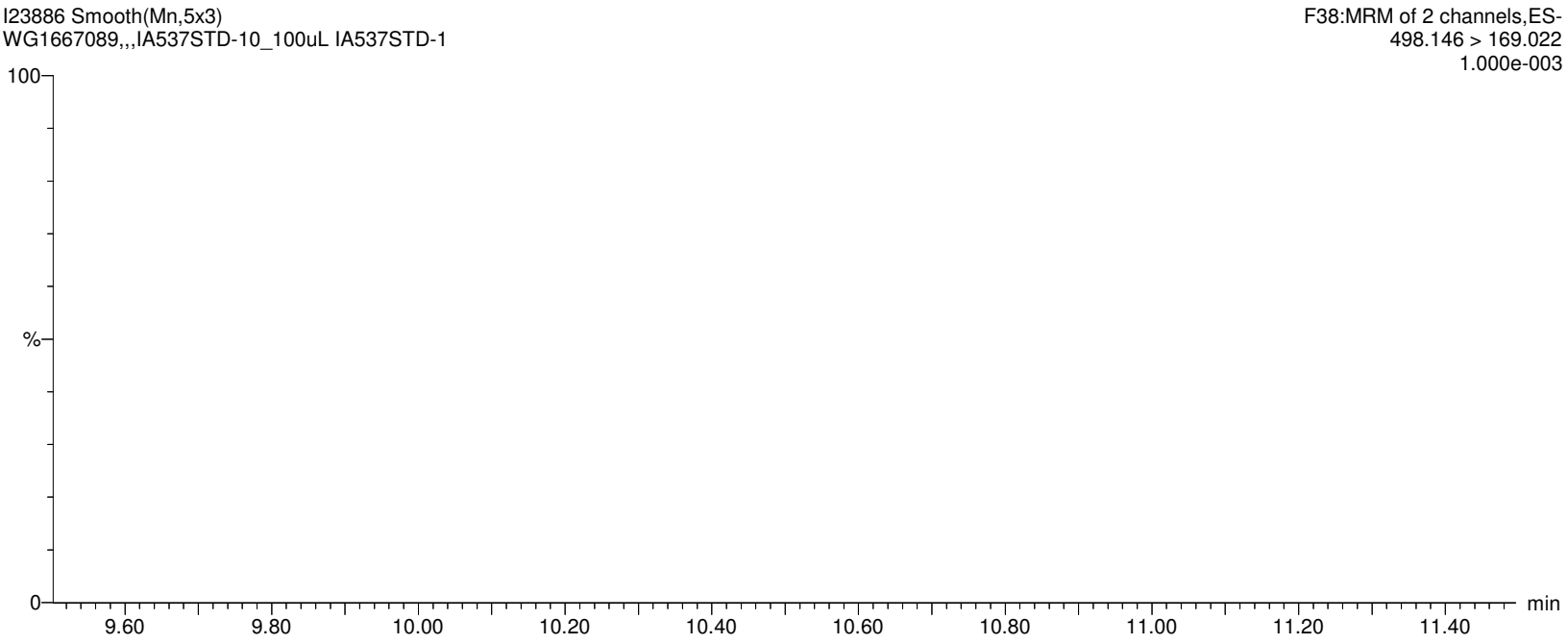
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

FOSA



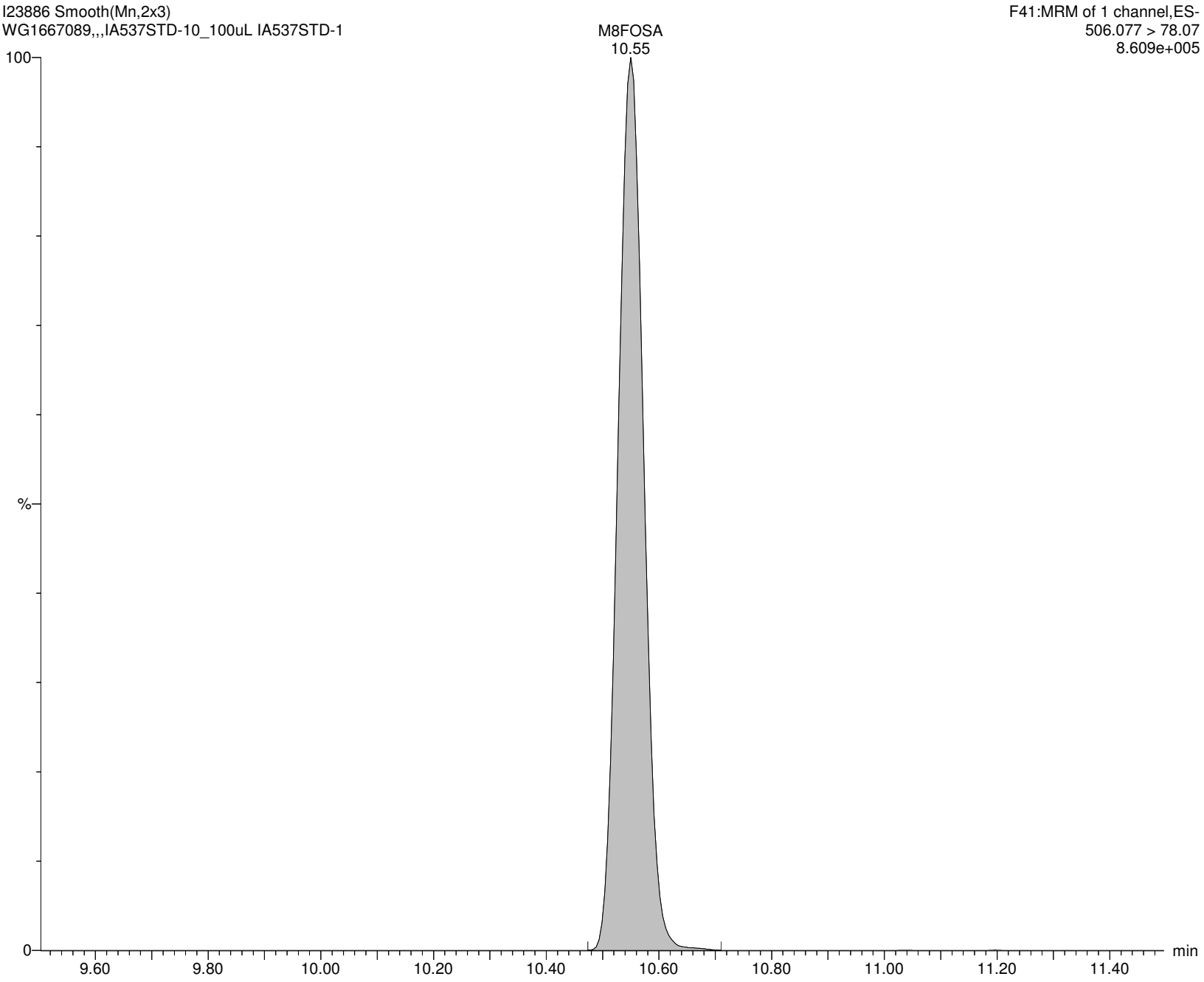


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M8FOSA

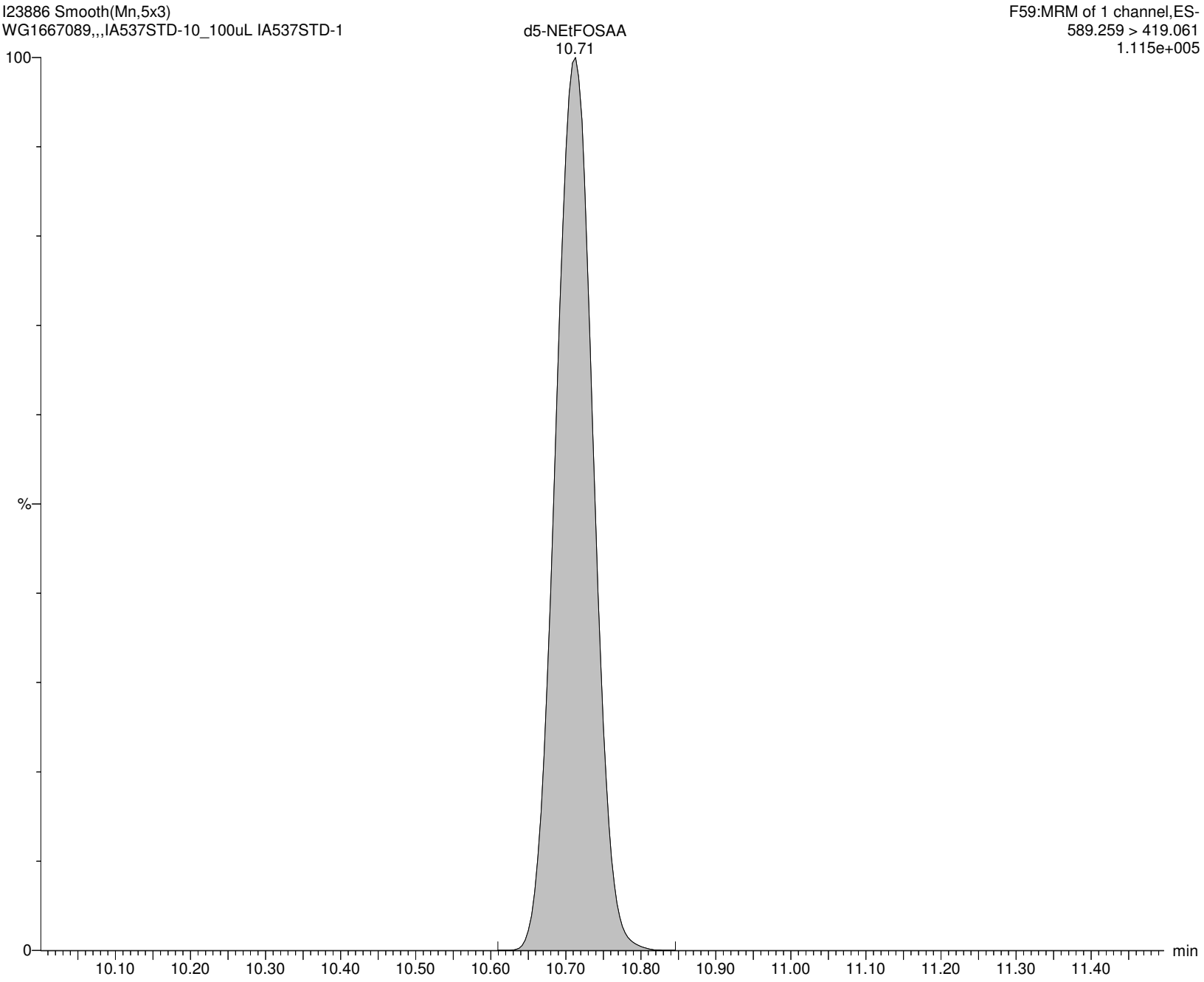


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

d5-NEtFOSAA

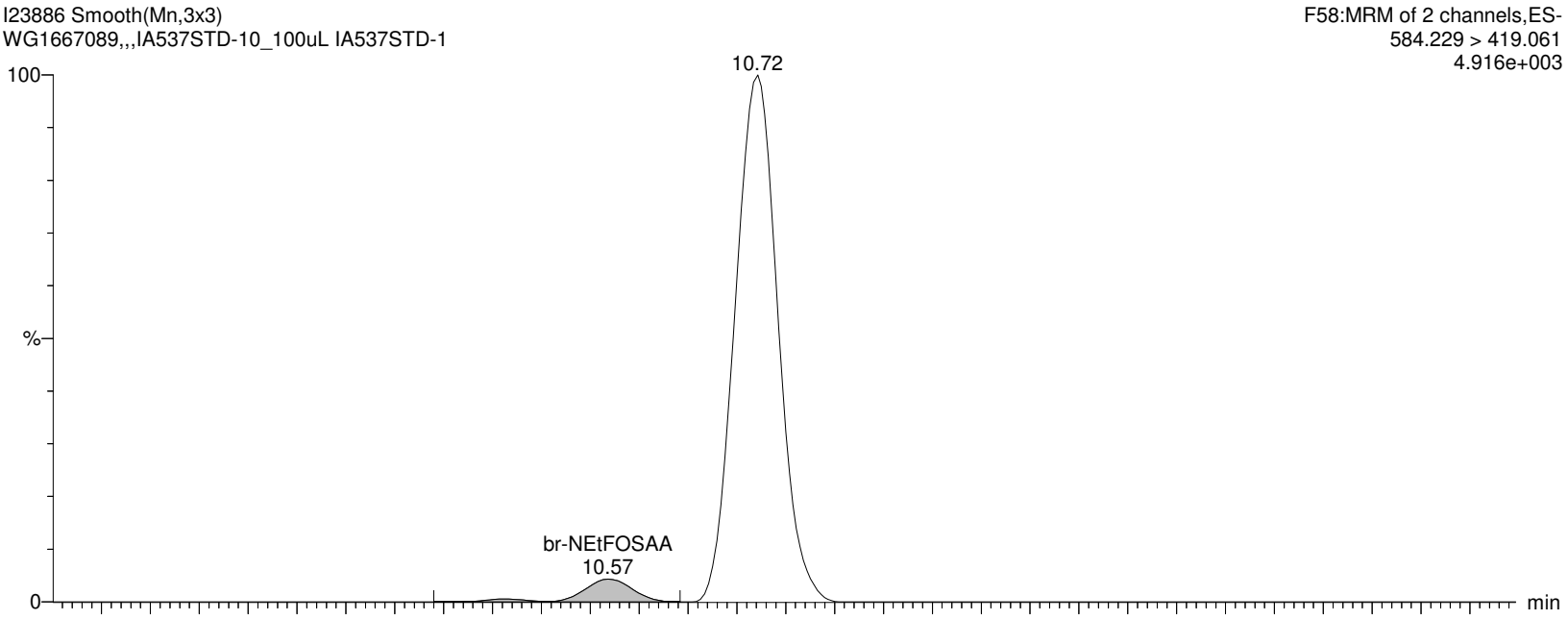


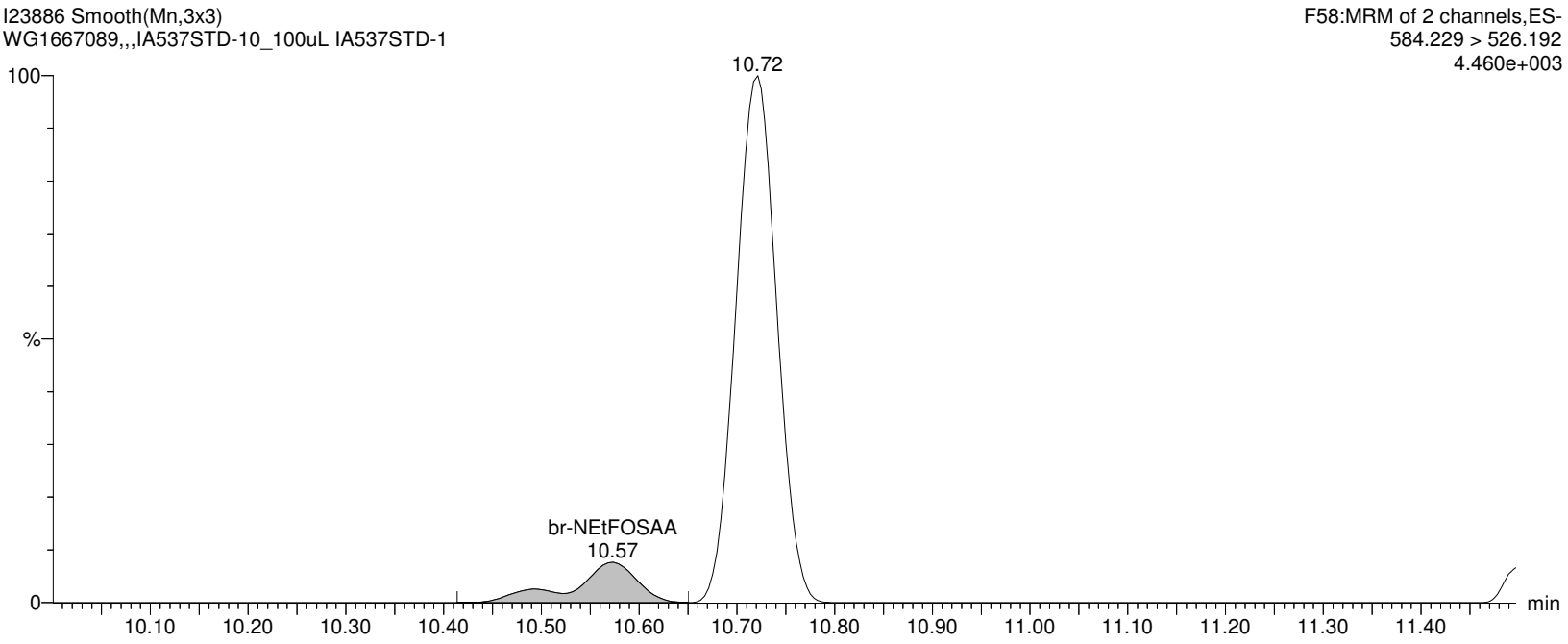
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

br-NEtFOSAA



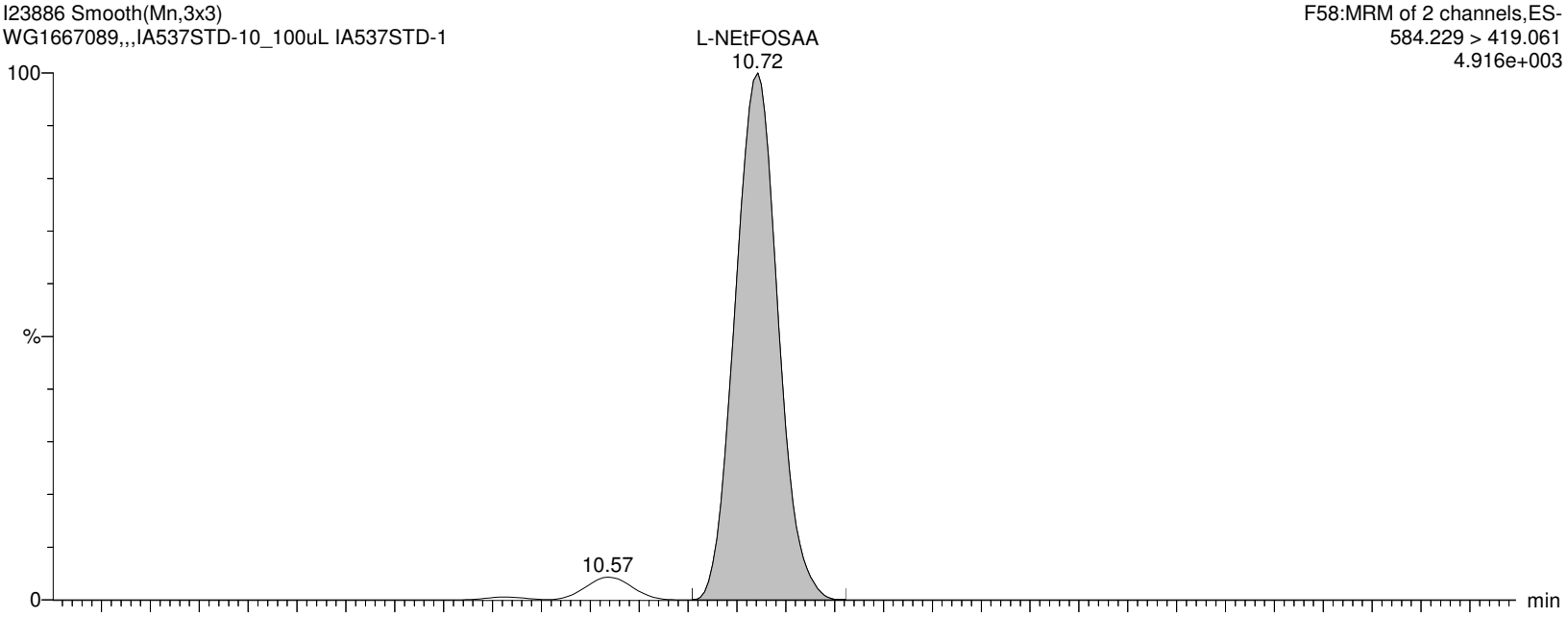


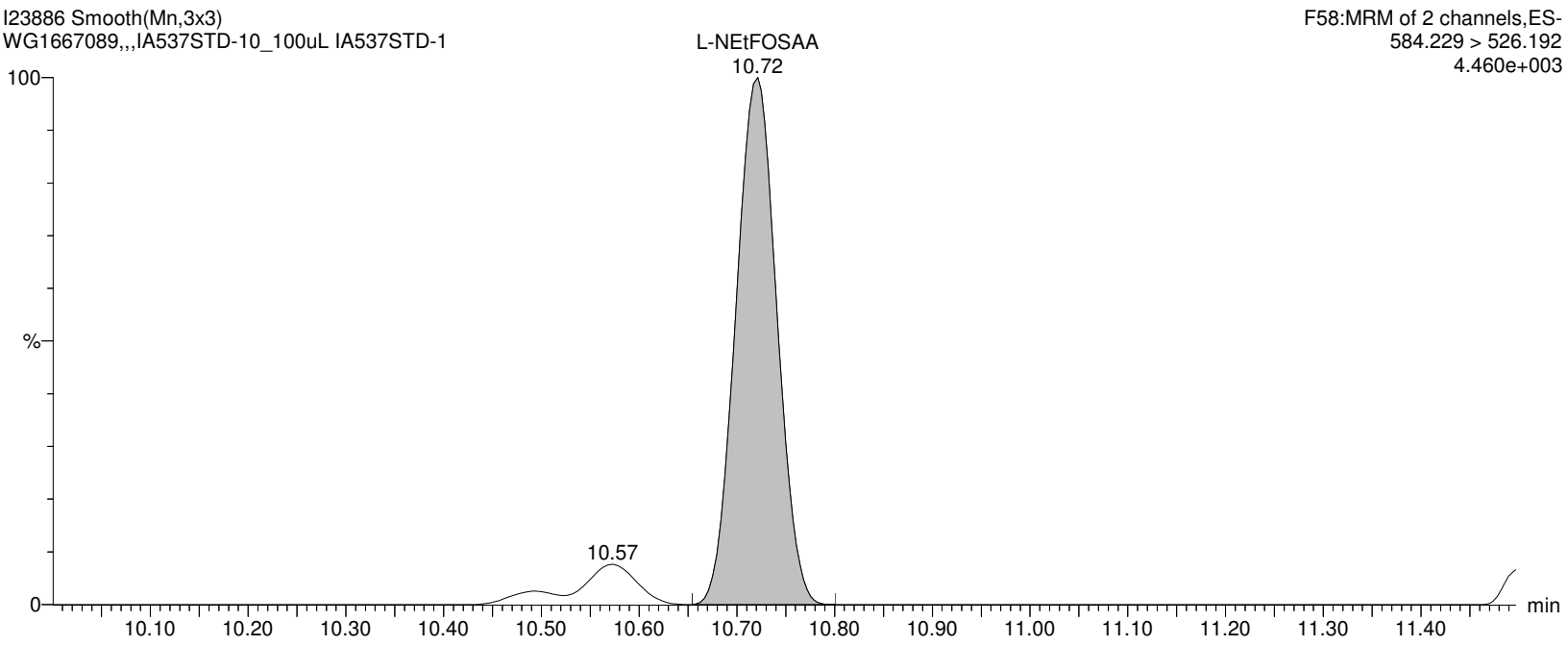
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

L-NEtFOSAA



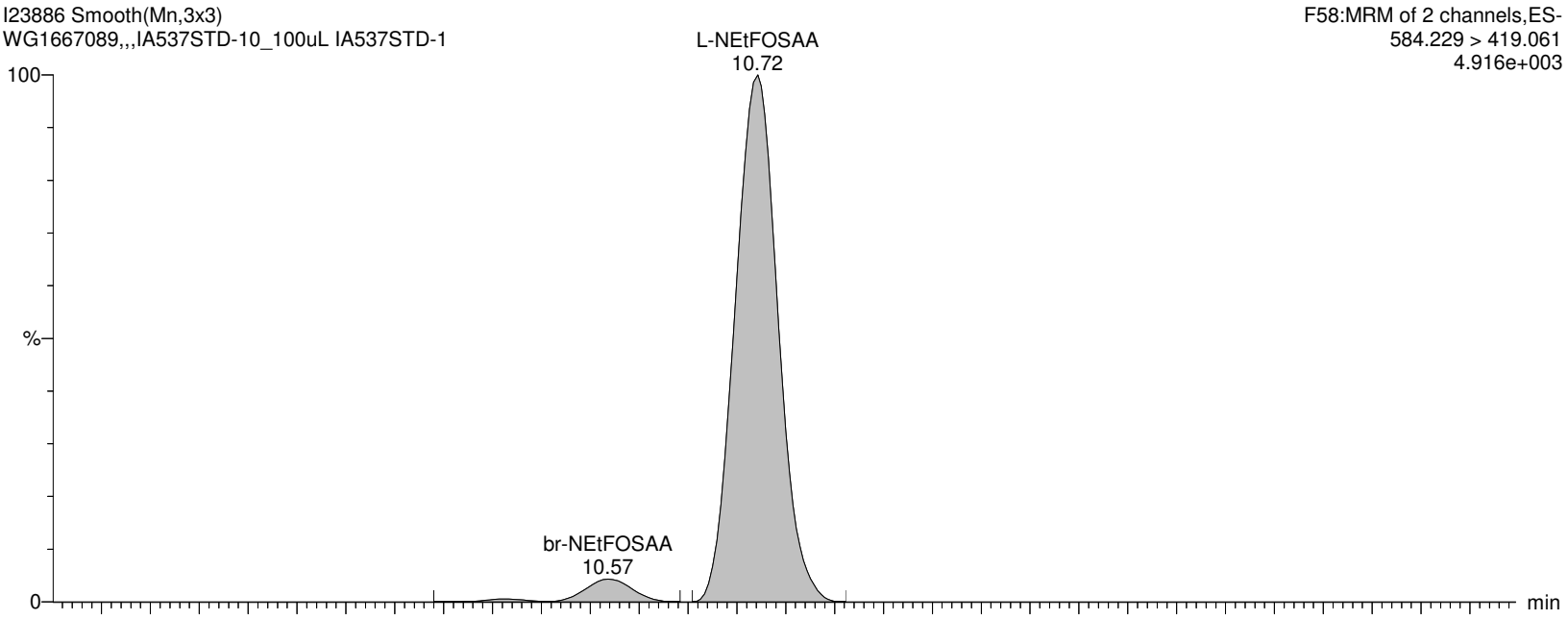


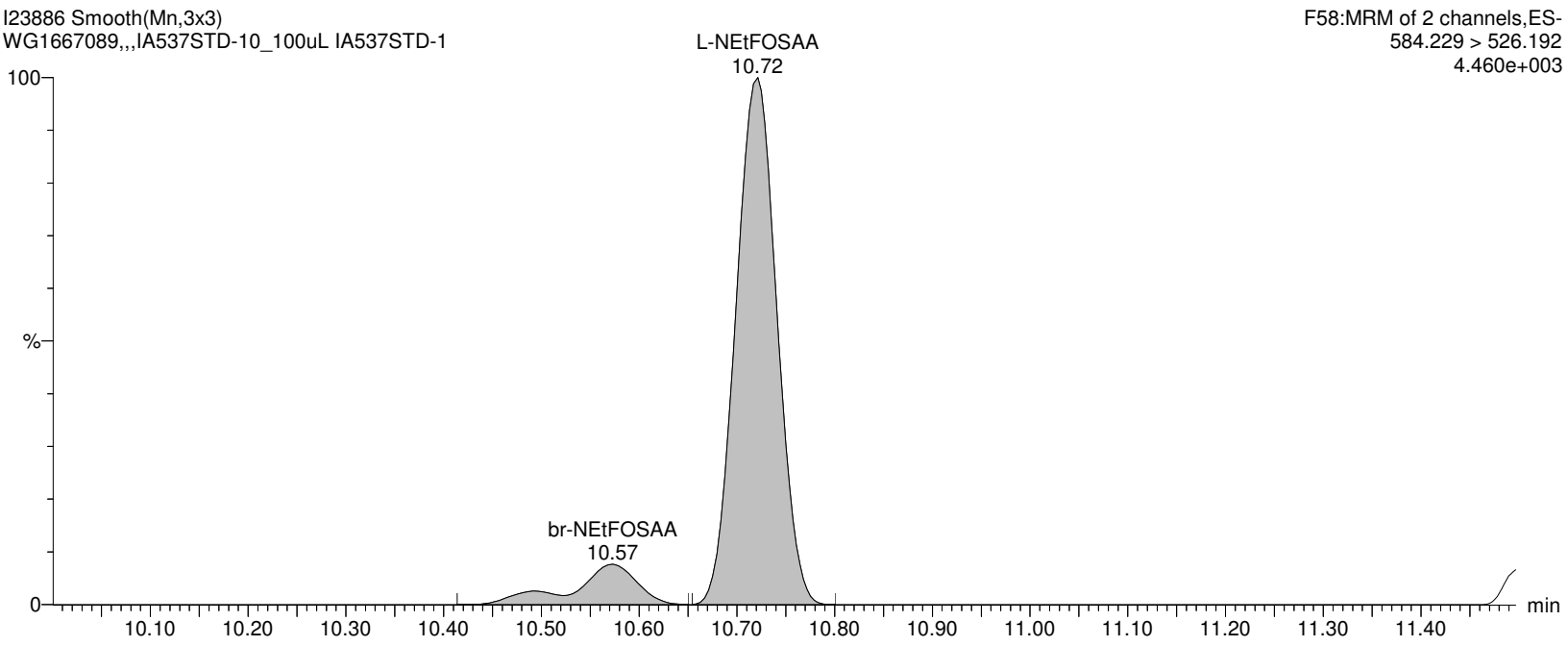
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NEtFOSAA



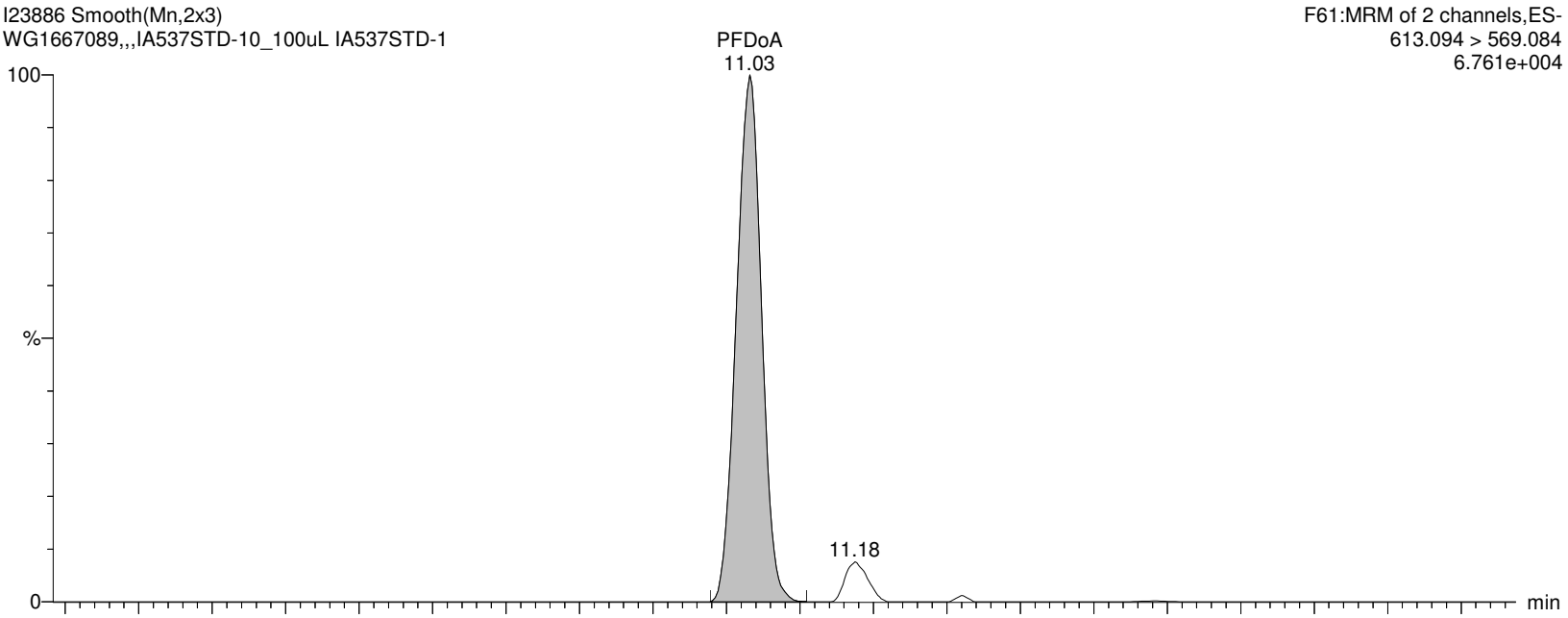


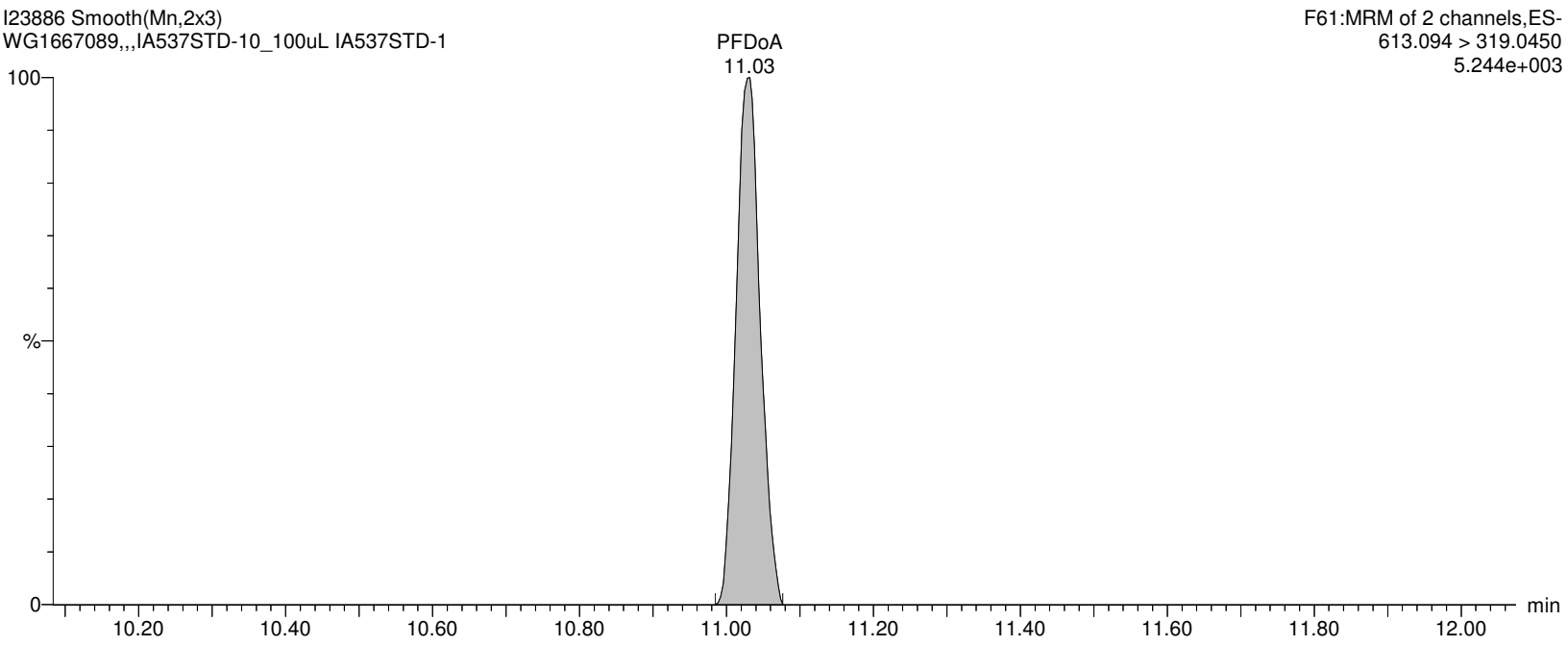
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFDoA



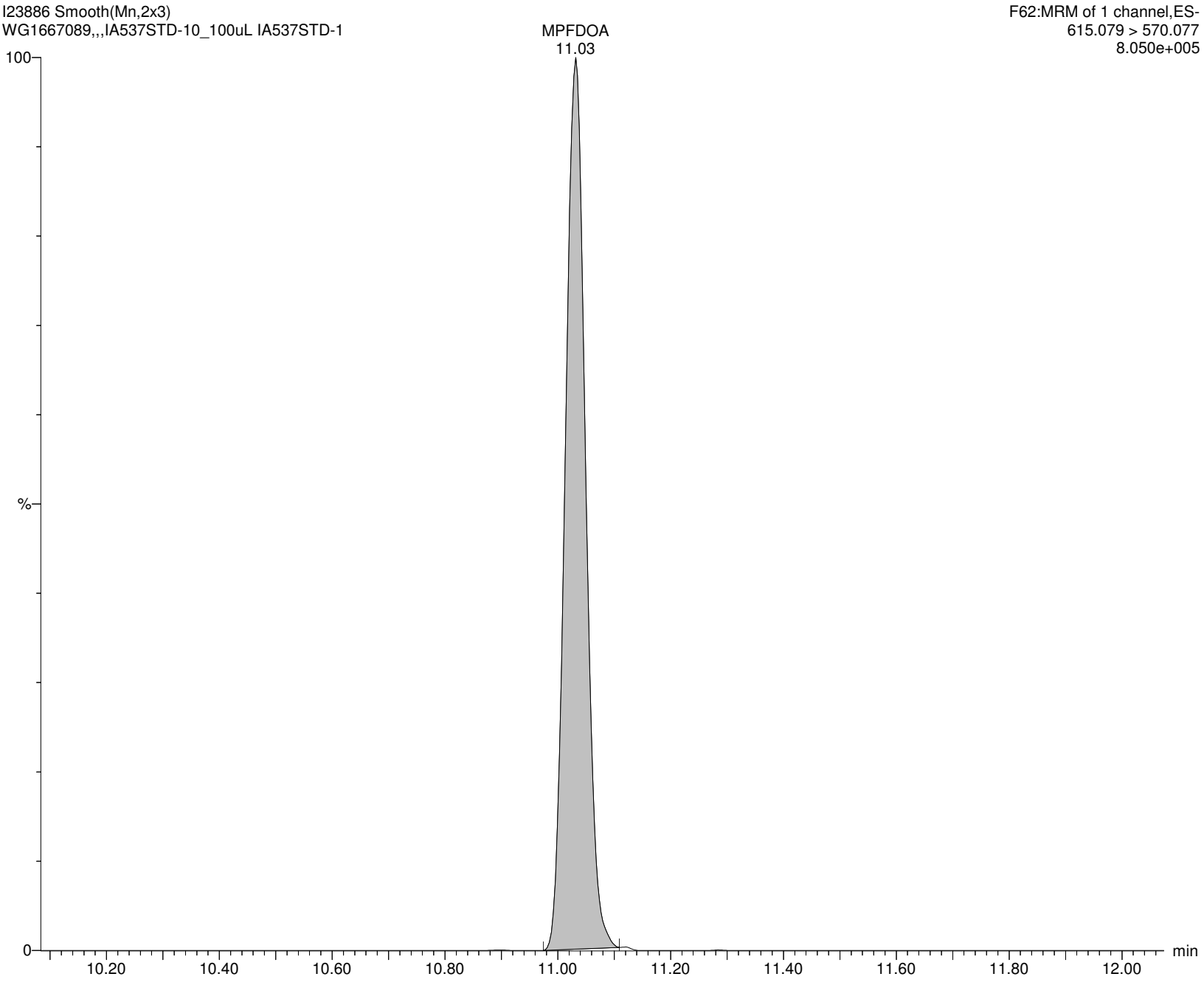


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

MPFDOA

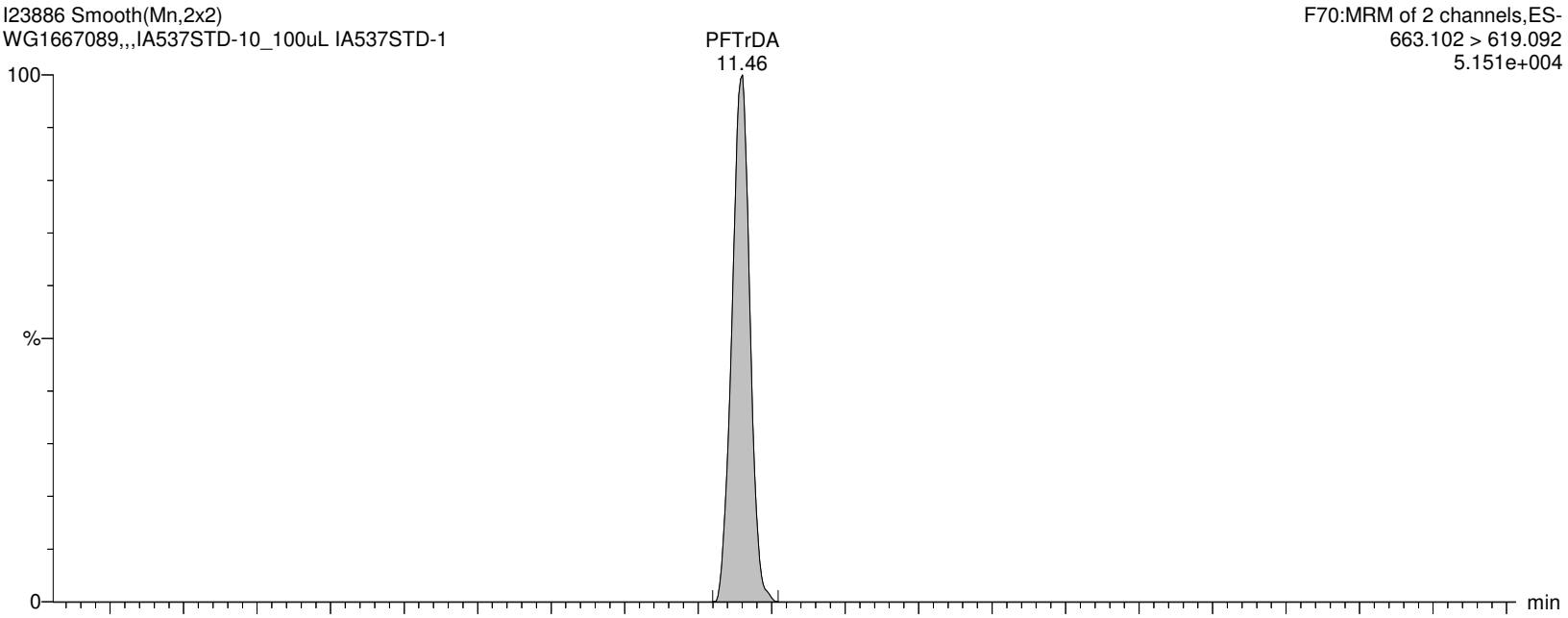


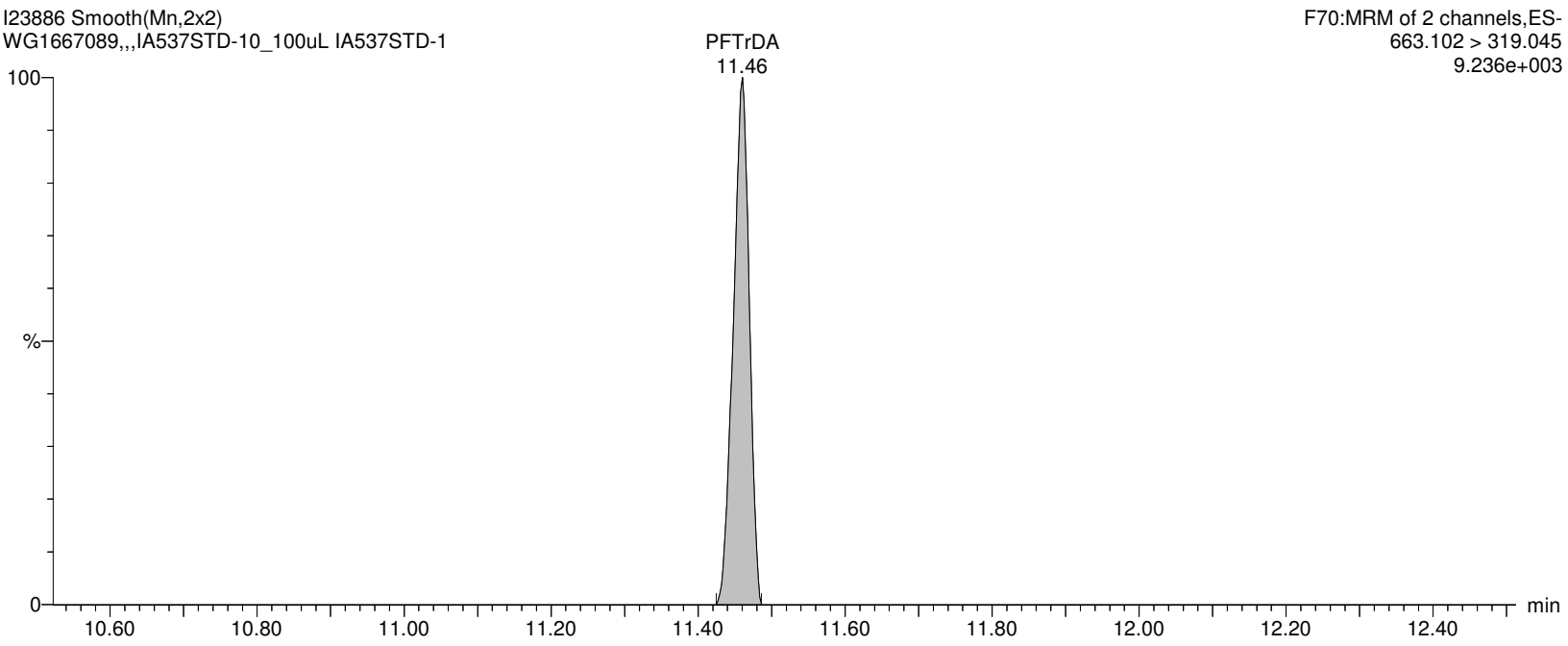
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFTrDA



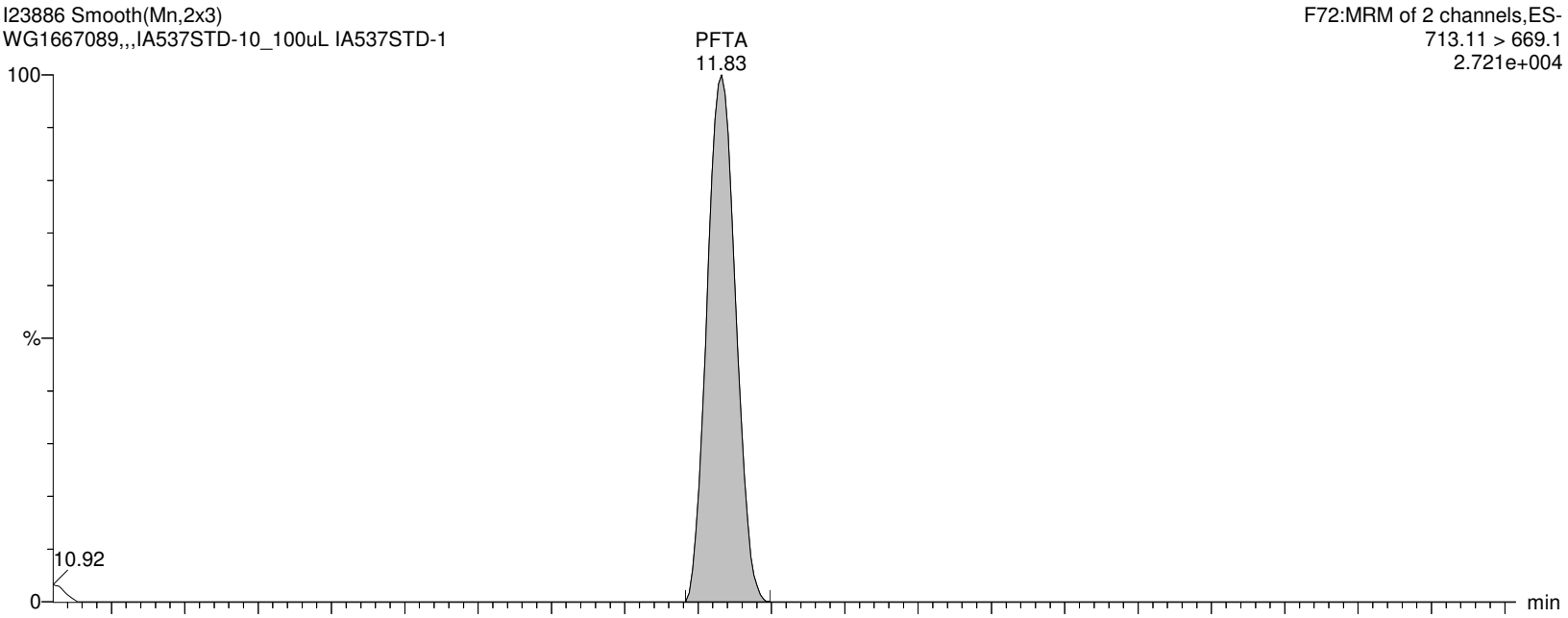


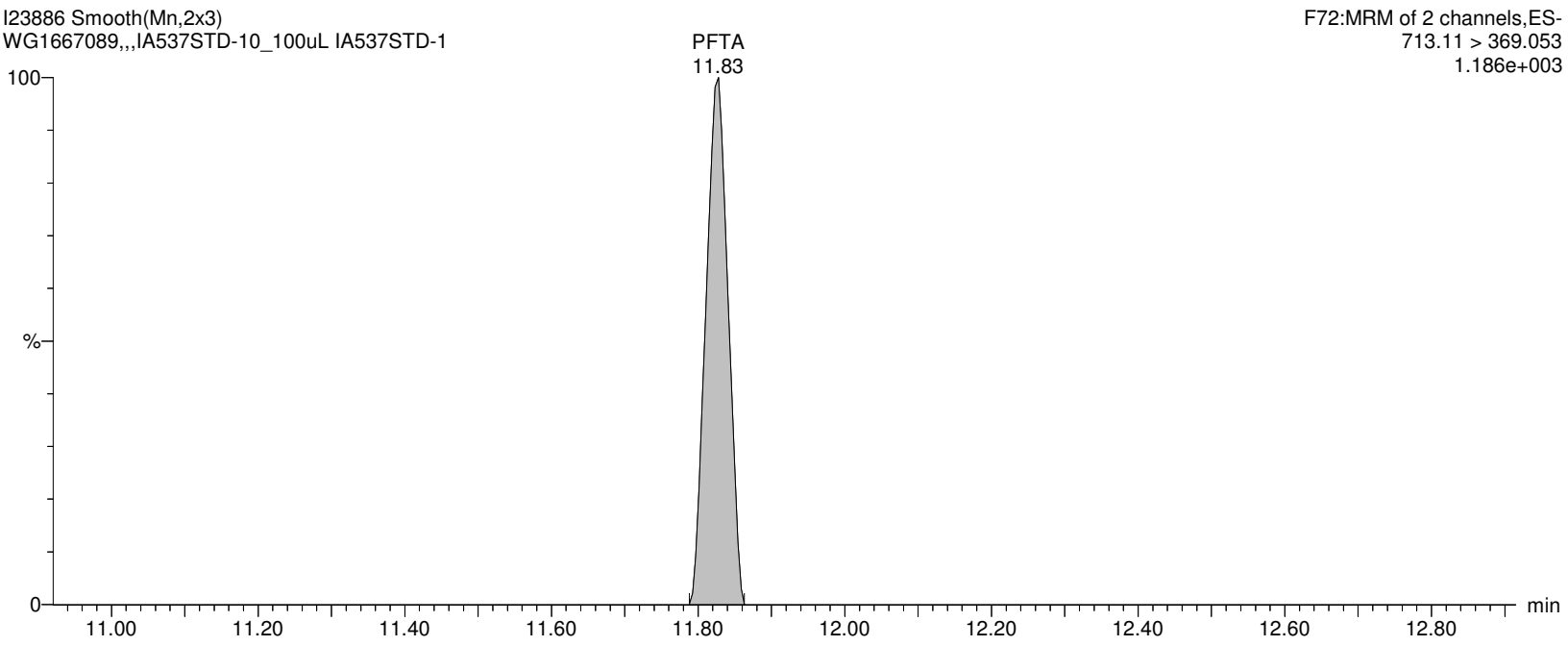
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFTA



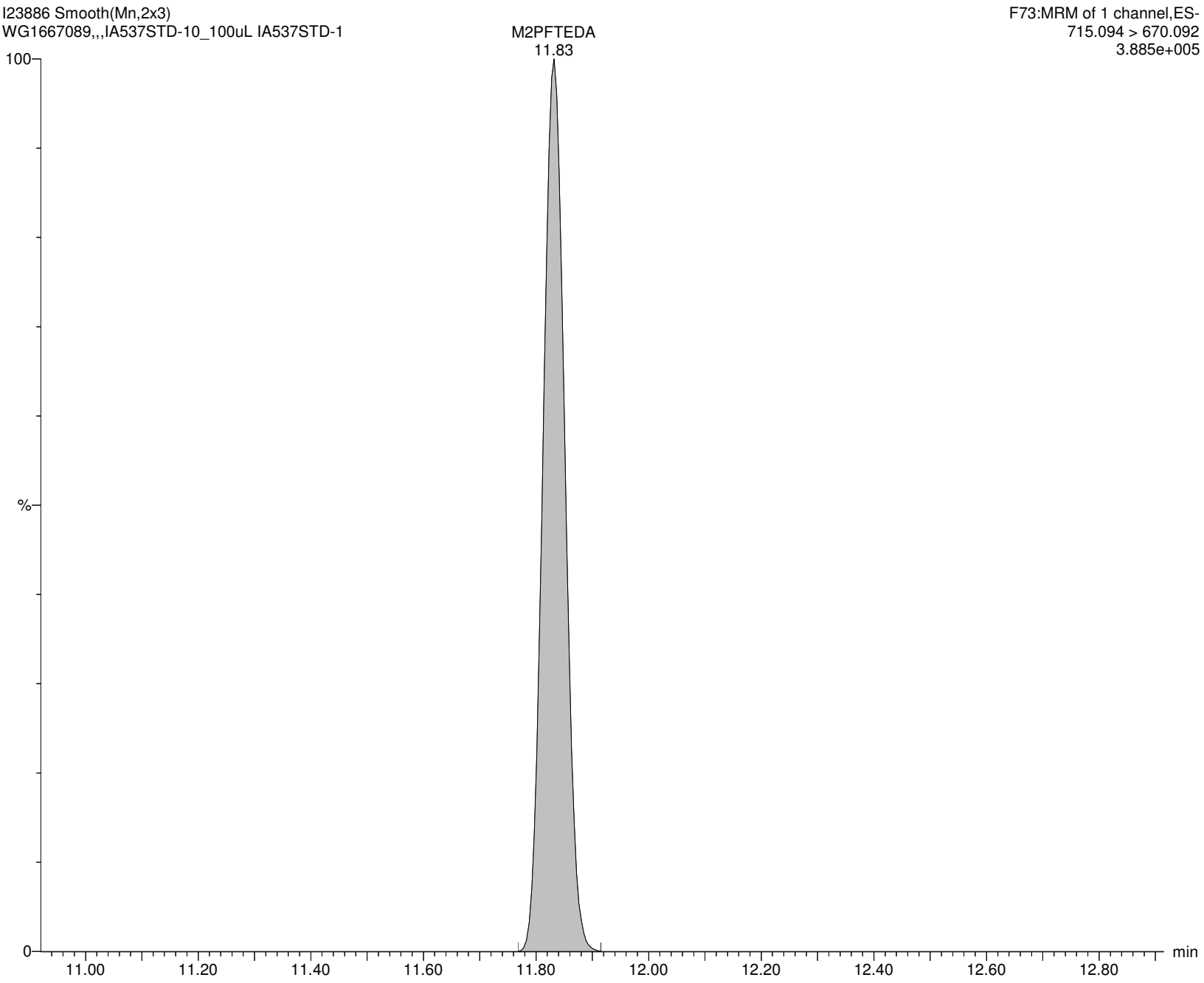


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2PFTEDA

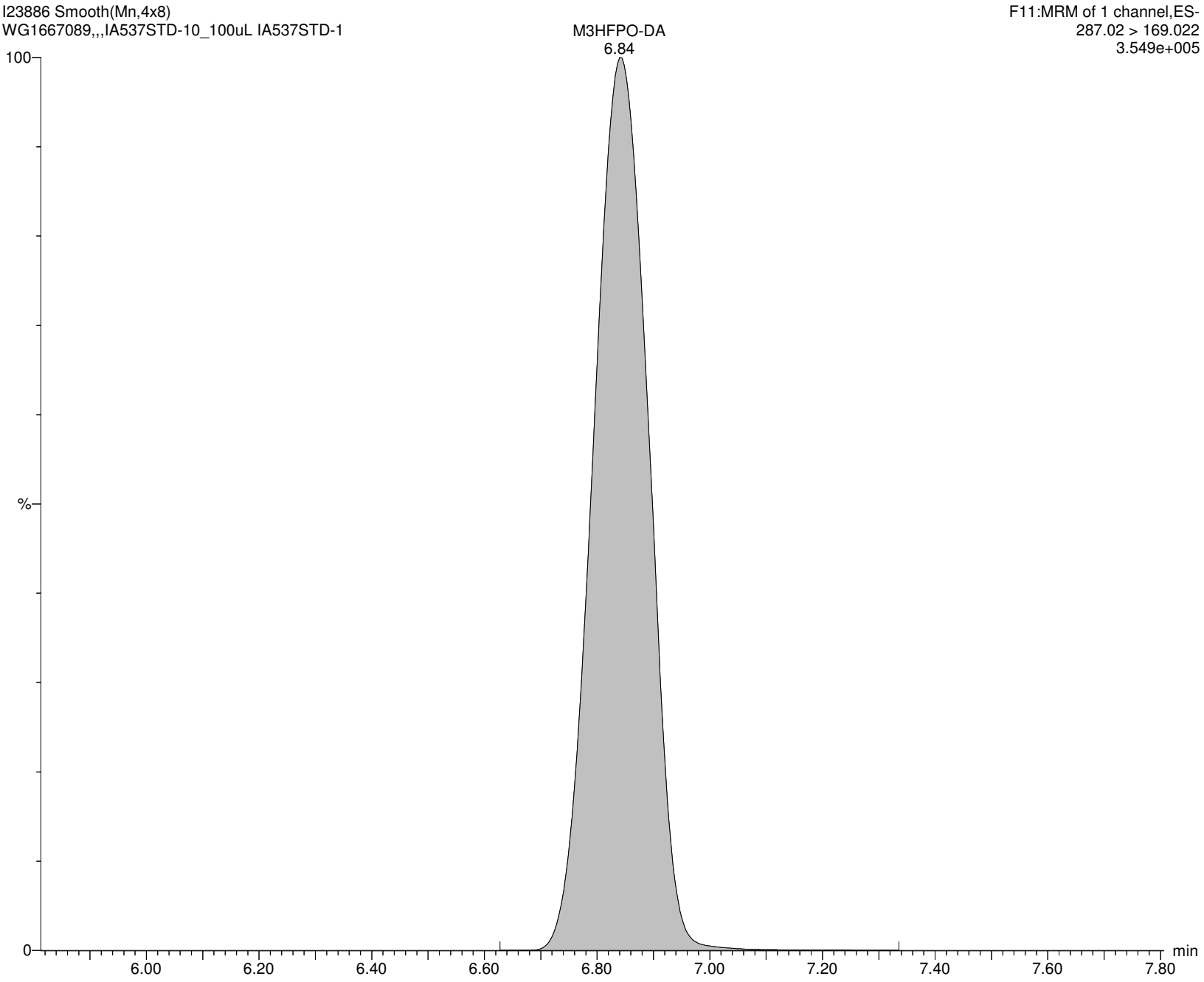


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M3HFPO-DA

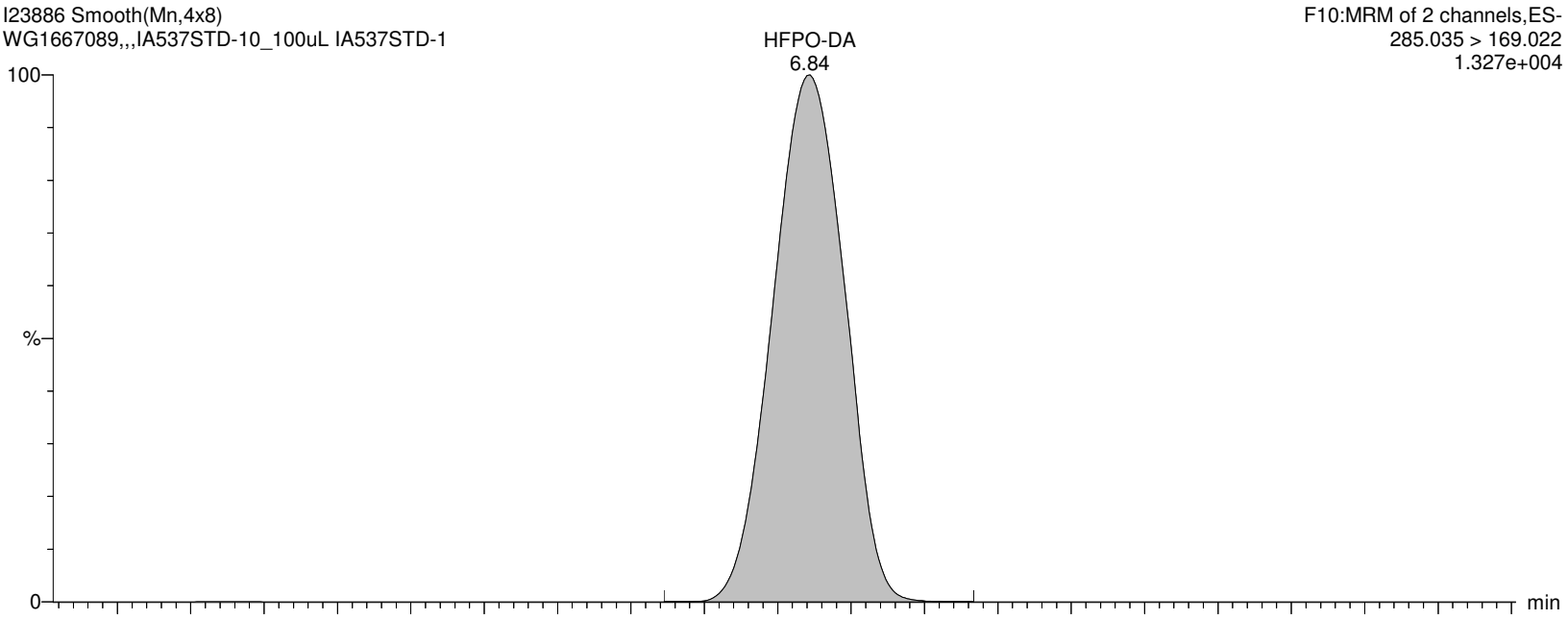


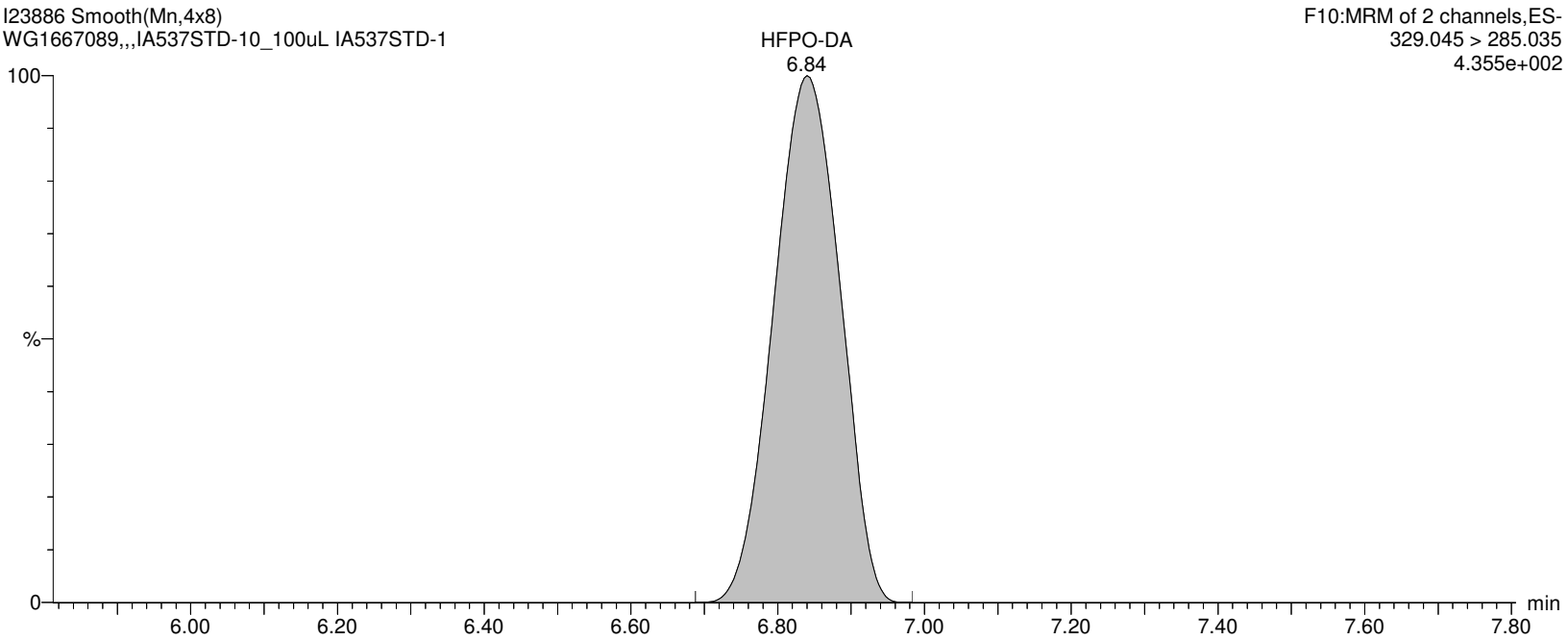
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

HFPO-DA



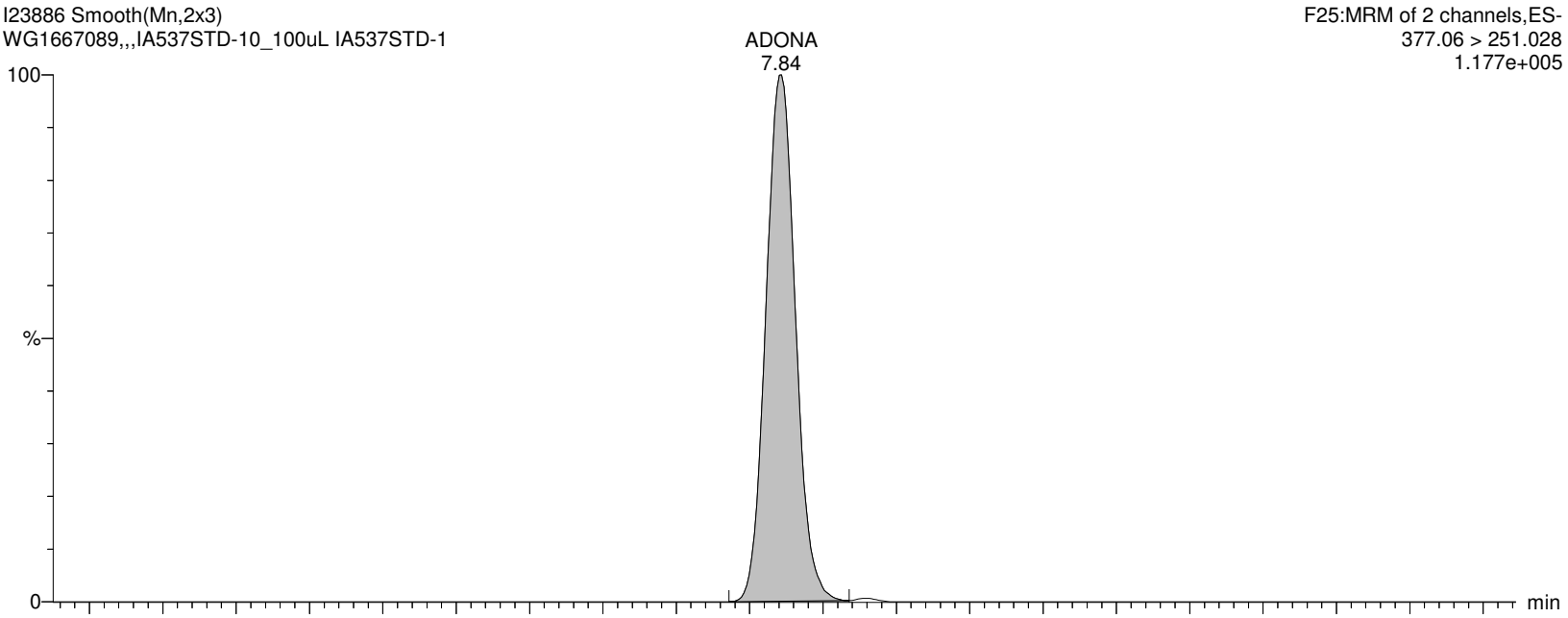


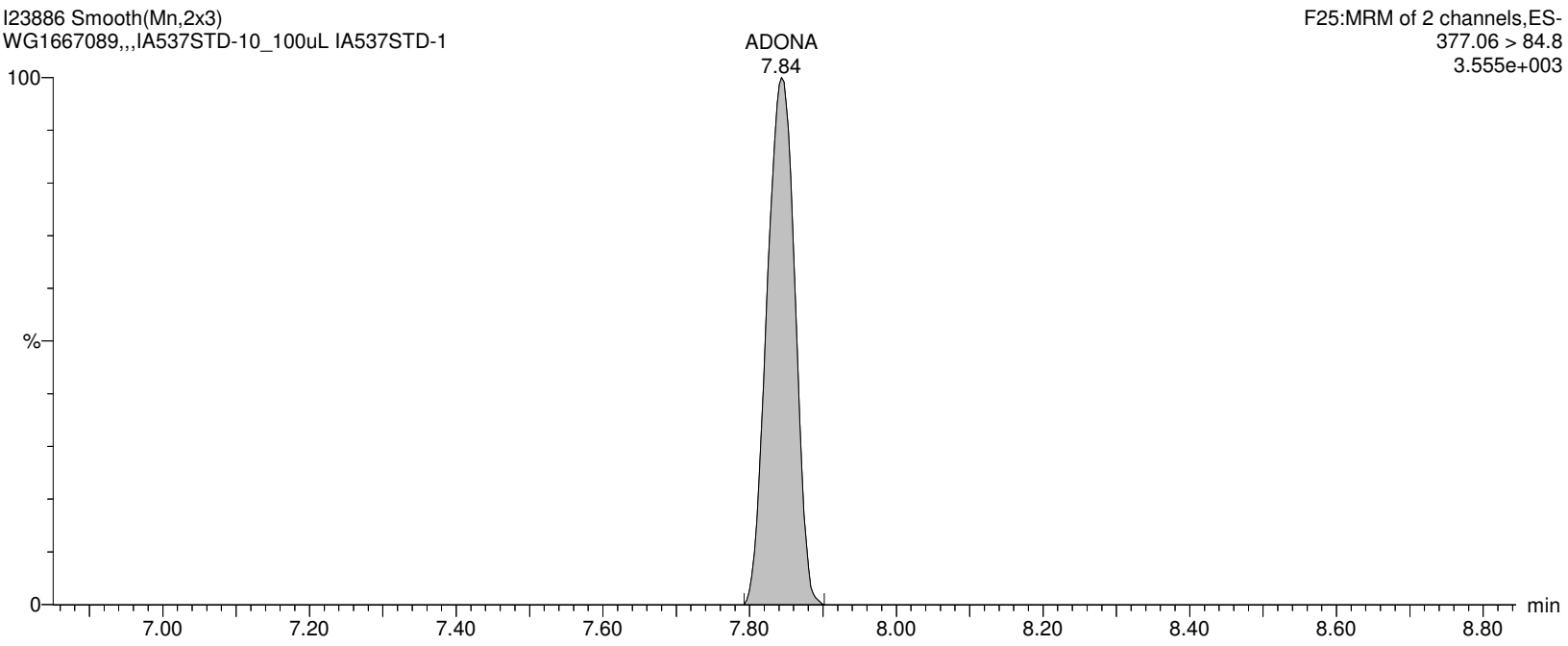
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

ADONA



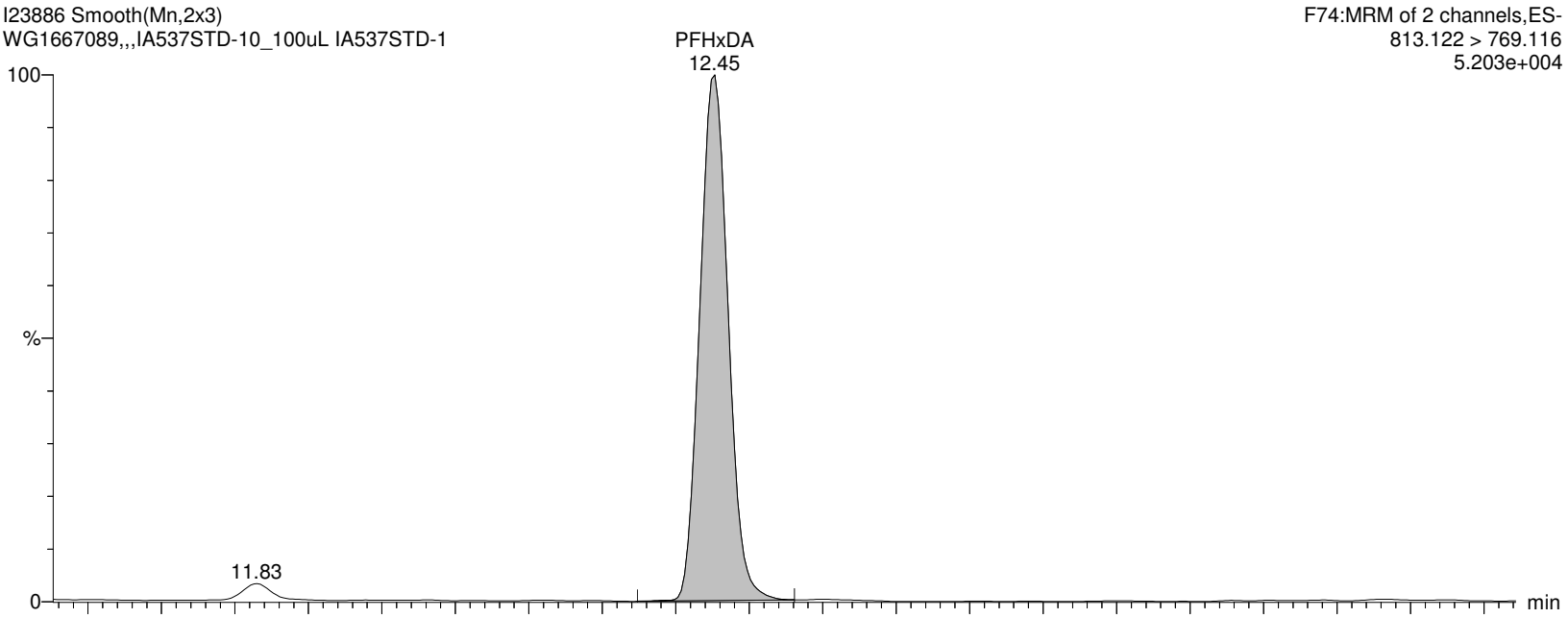


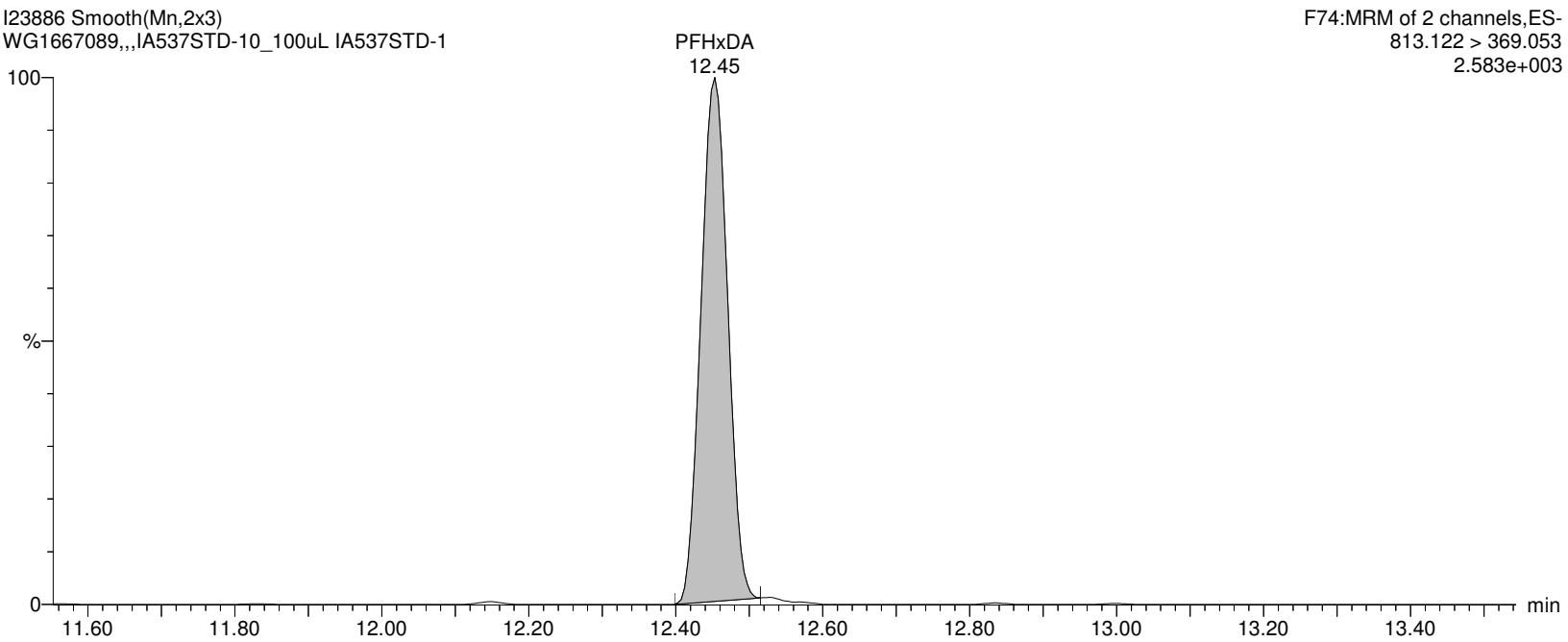
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFHxDA



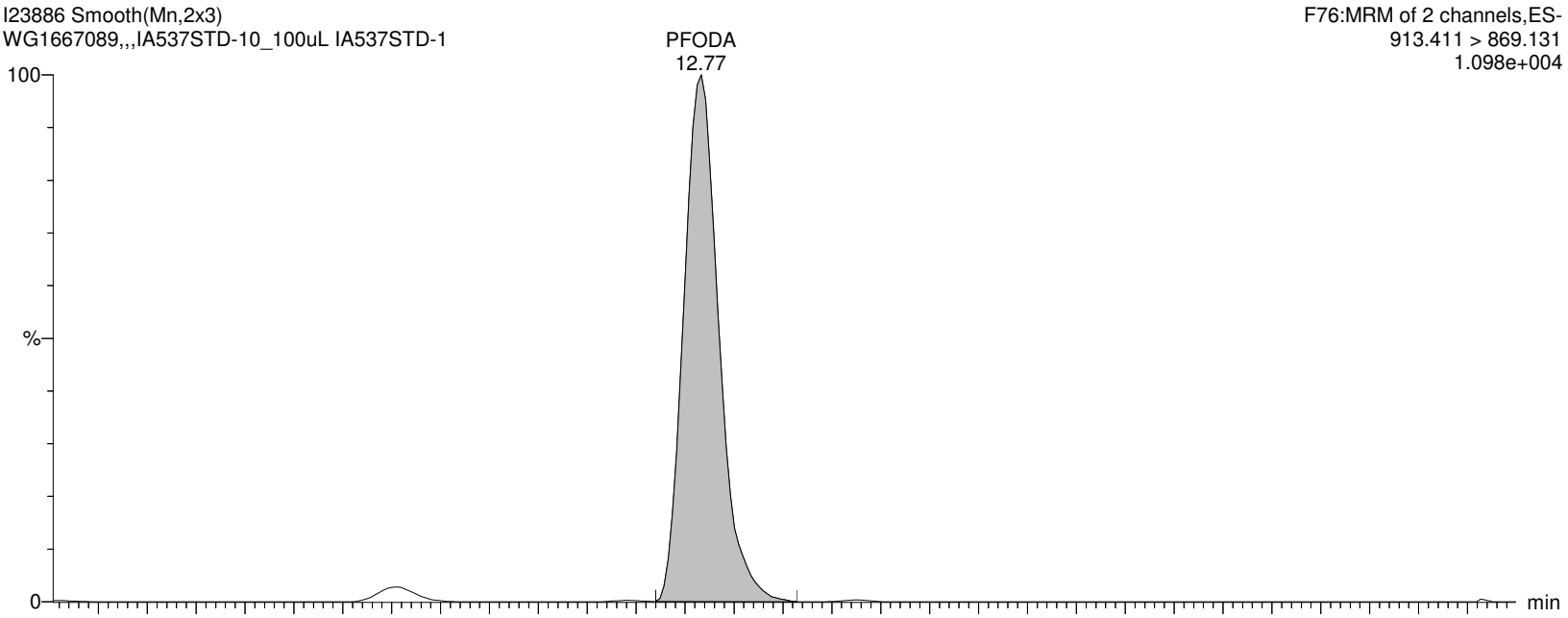


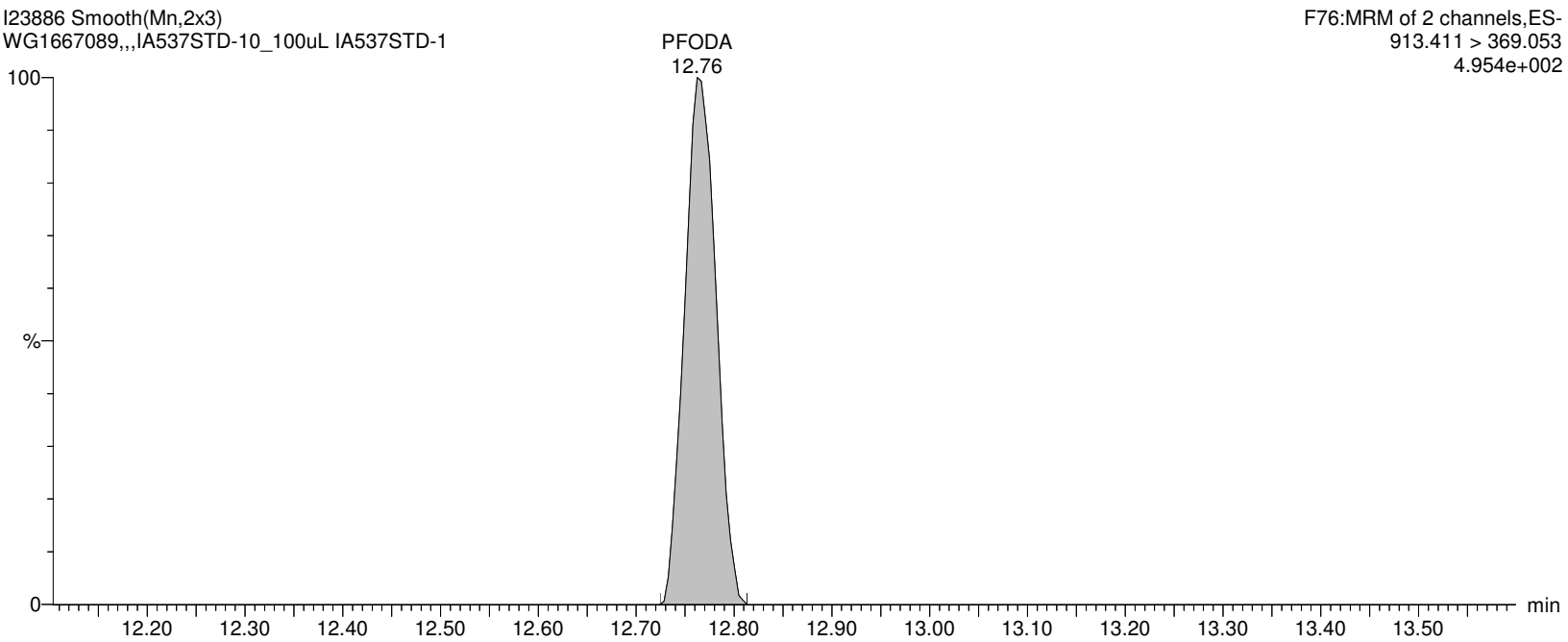
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFODA



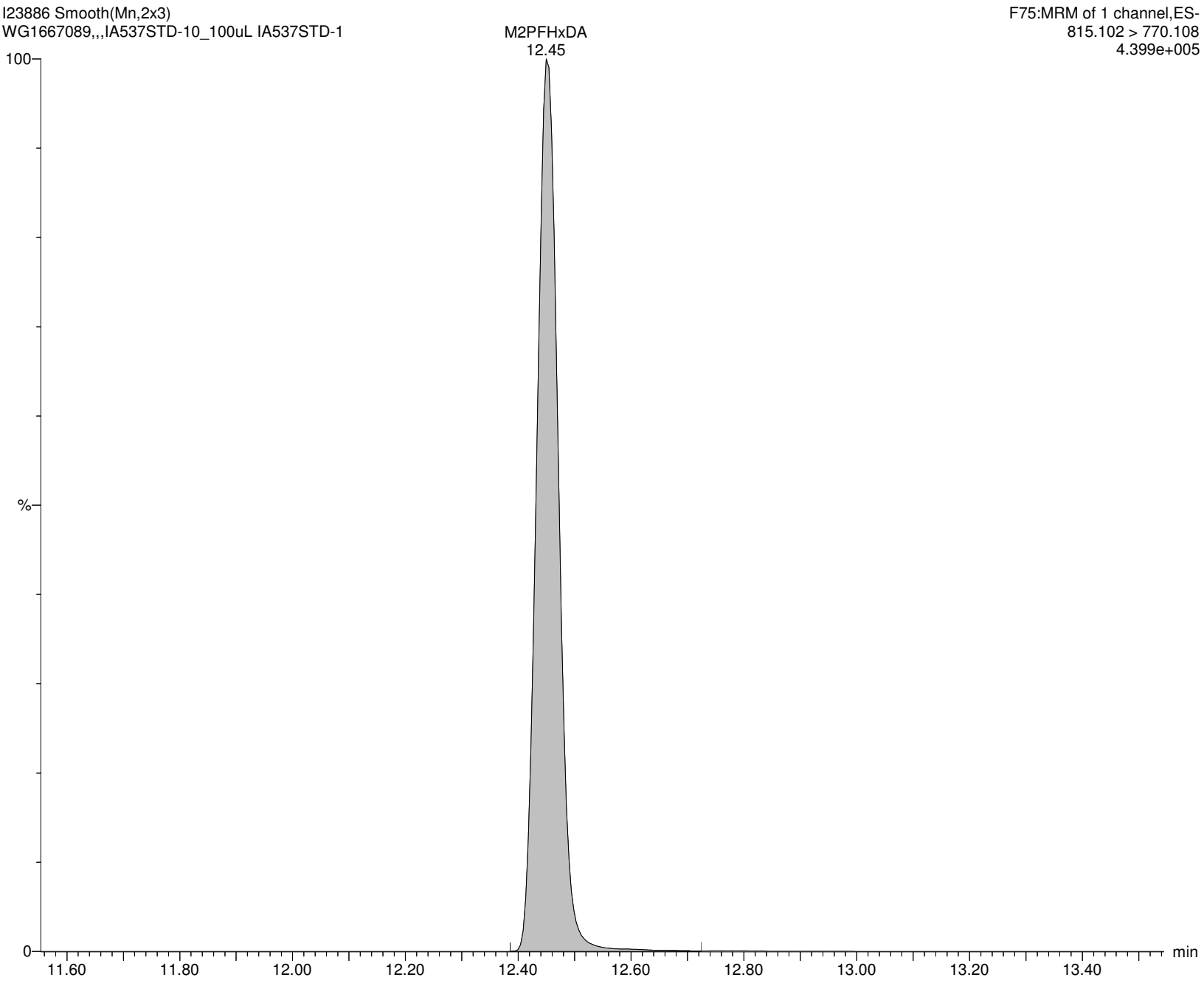


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2PFHxDA

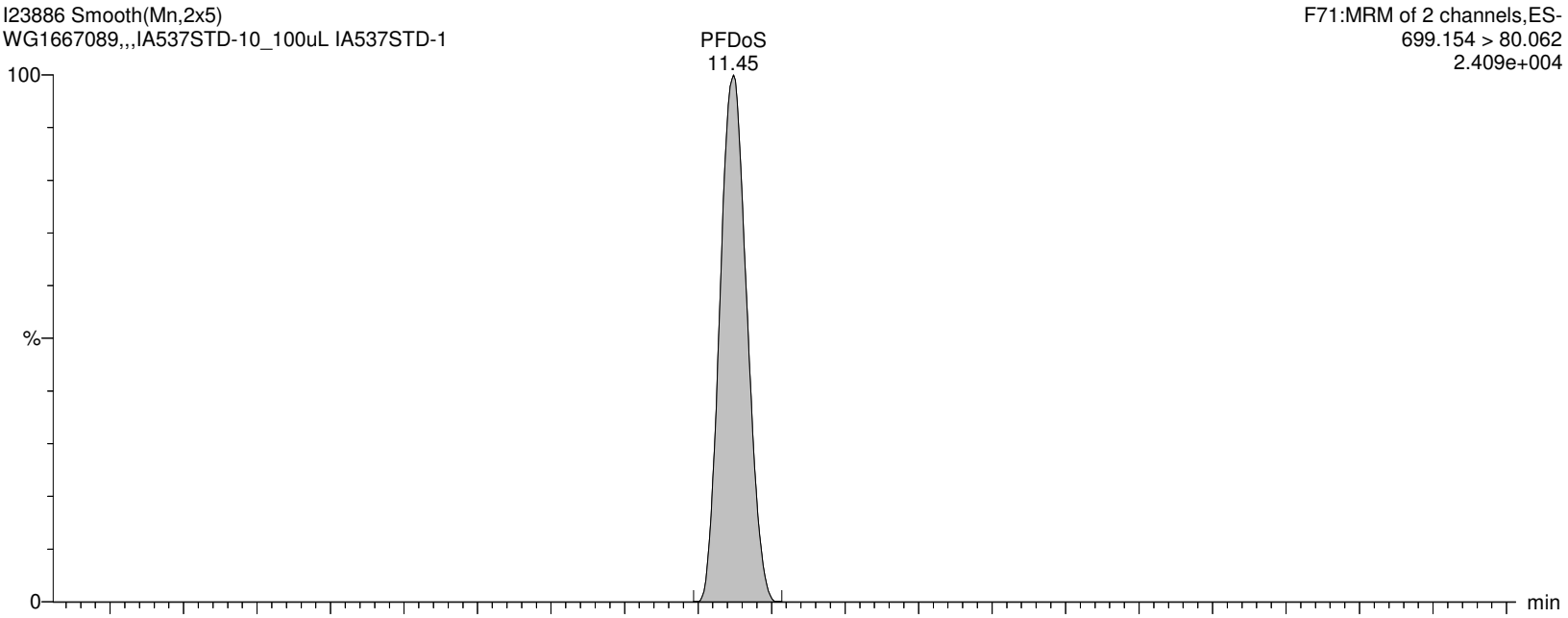


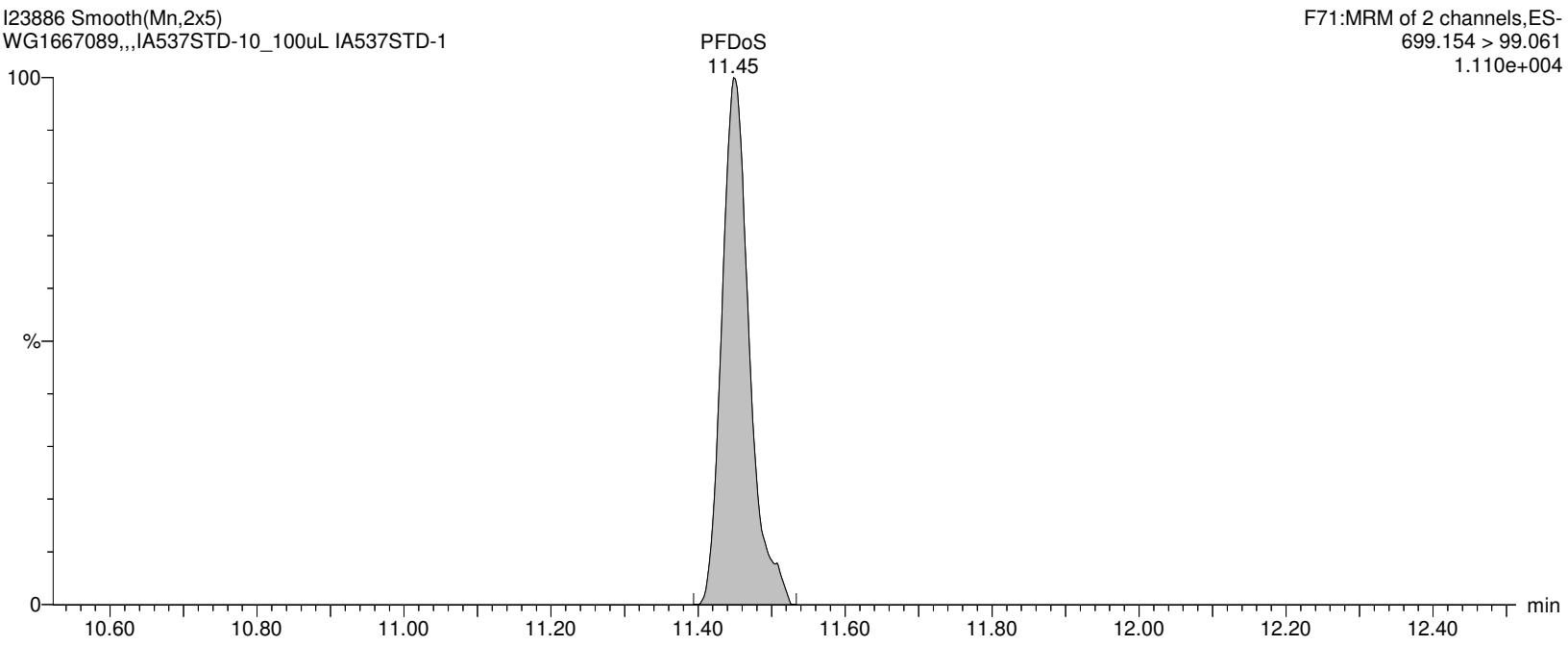
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFDoS



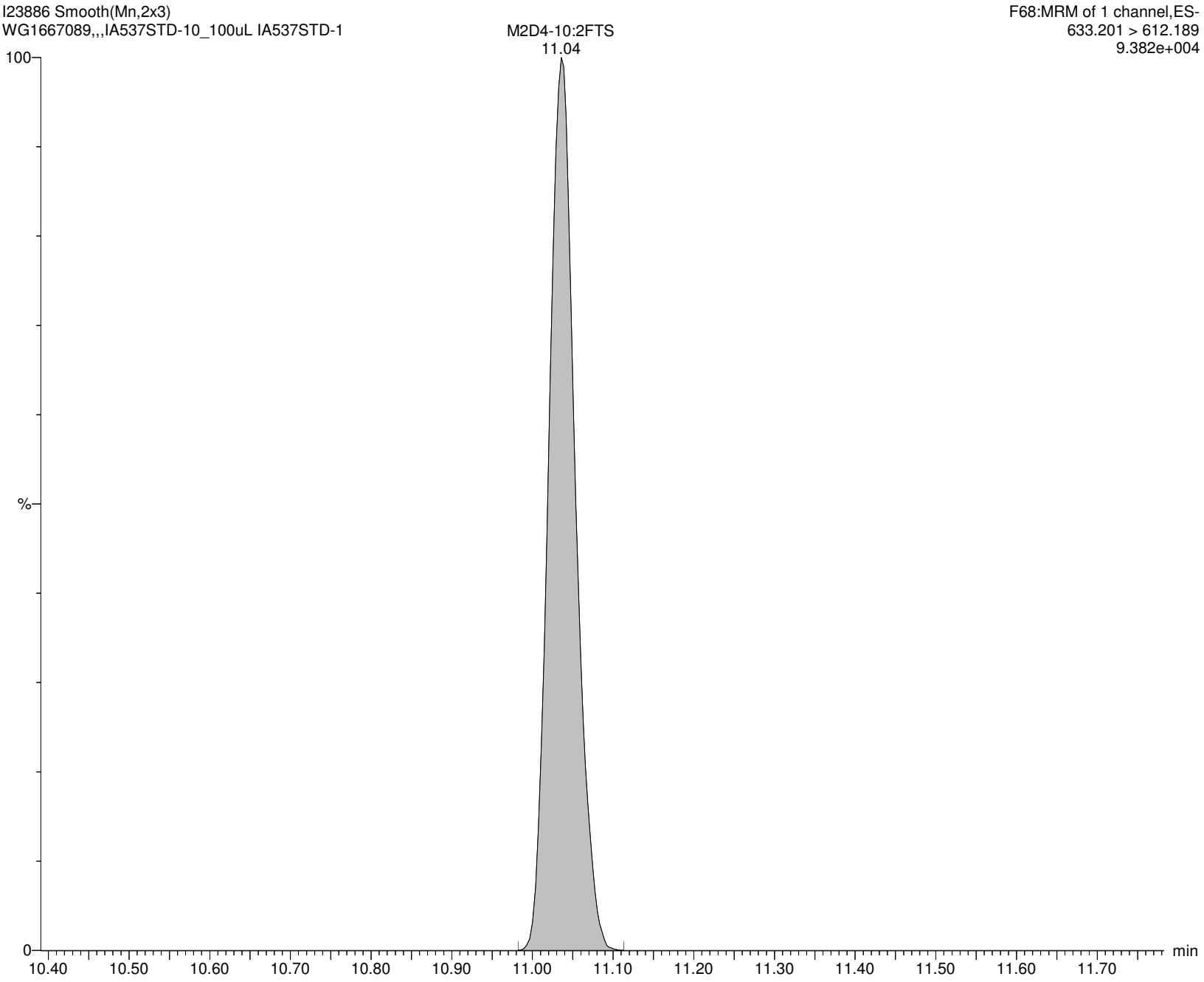


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2D4-10:2FTS

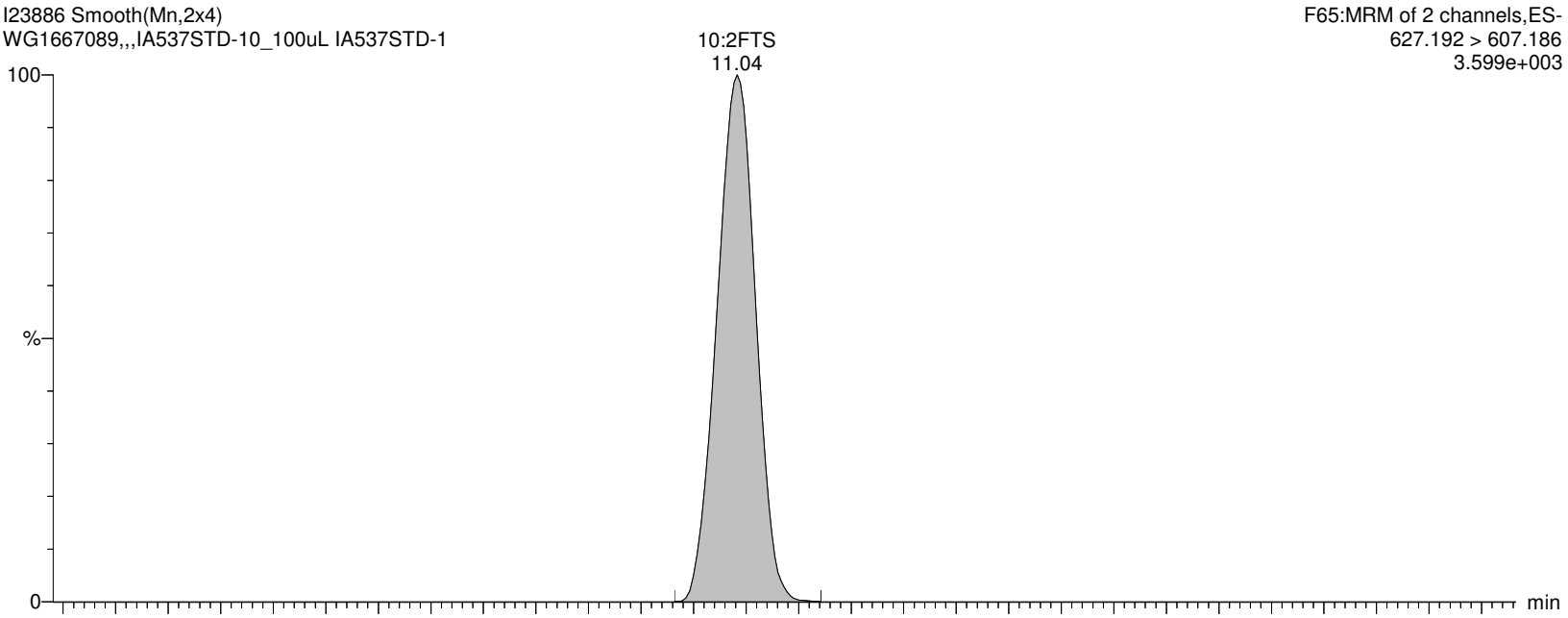


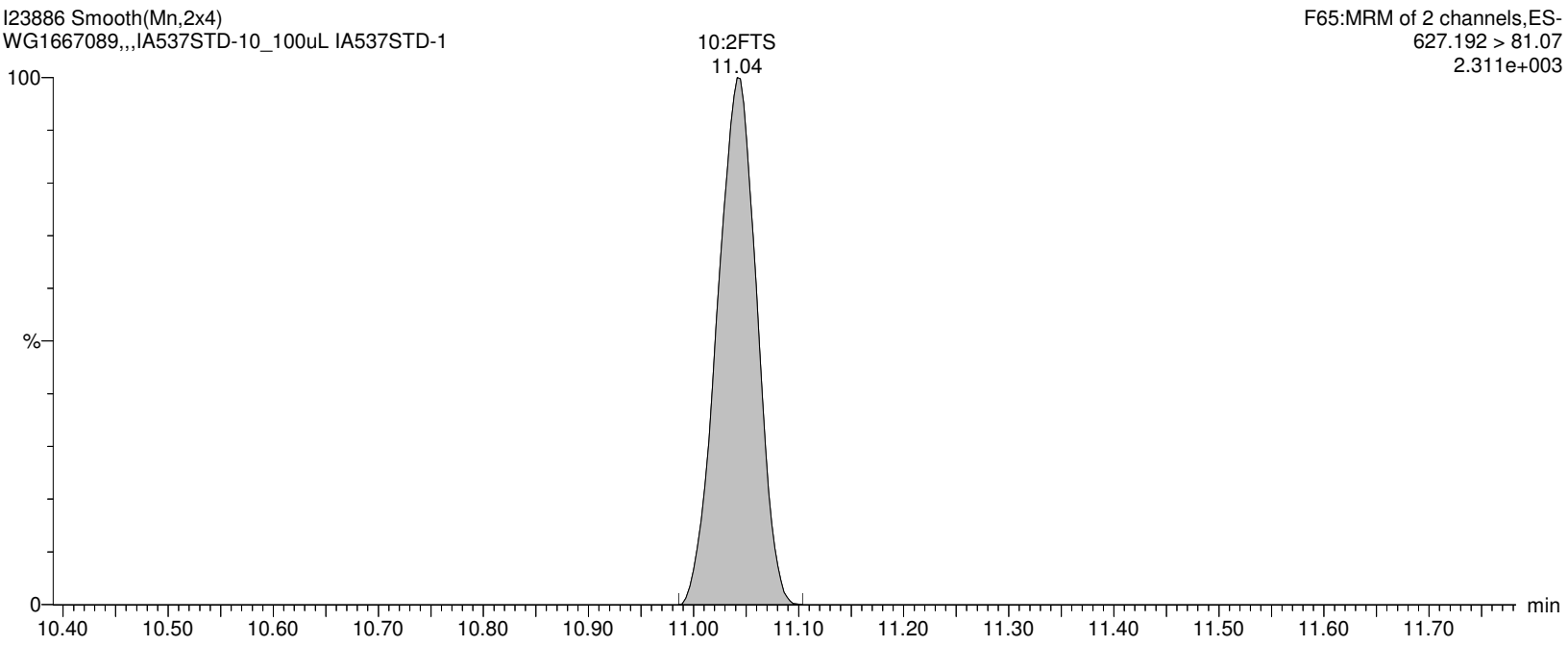
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

10:2FTS



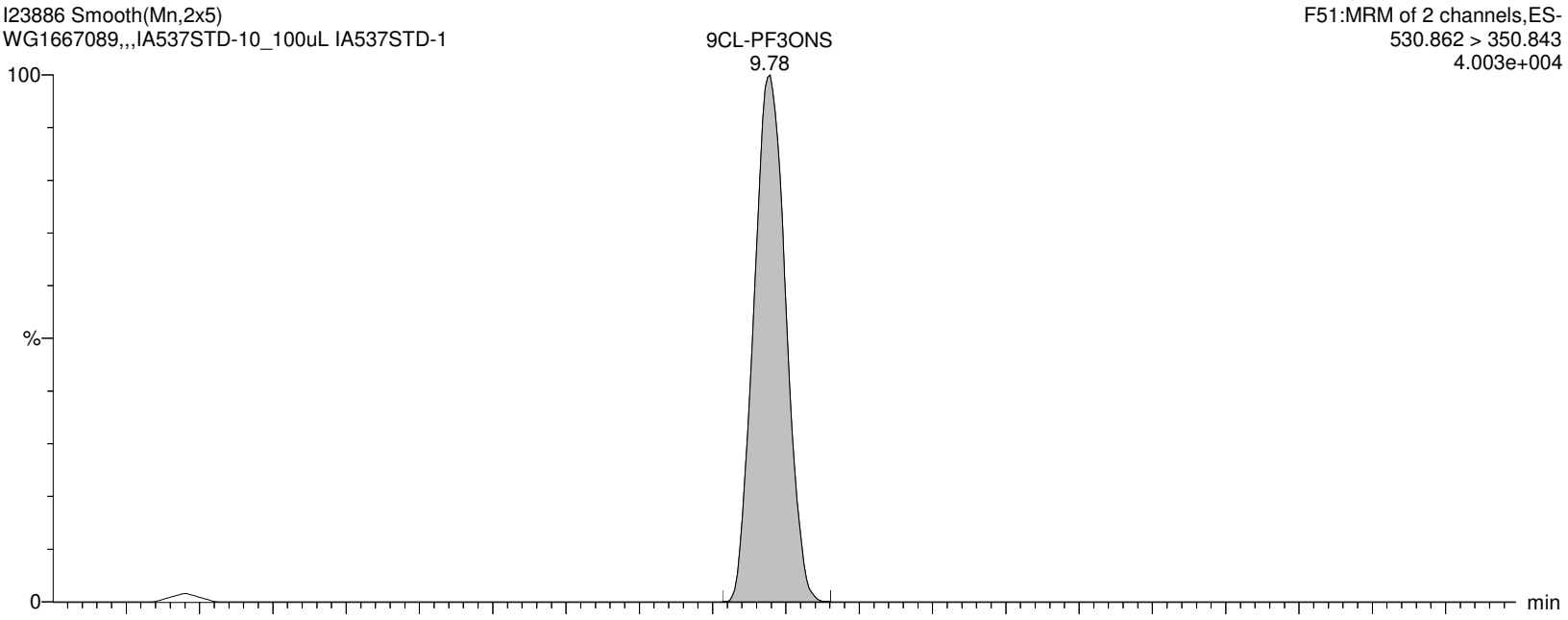


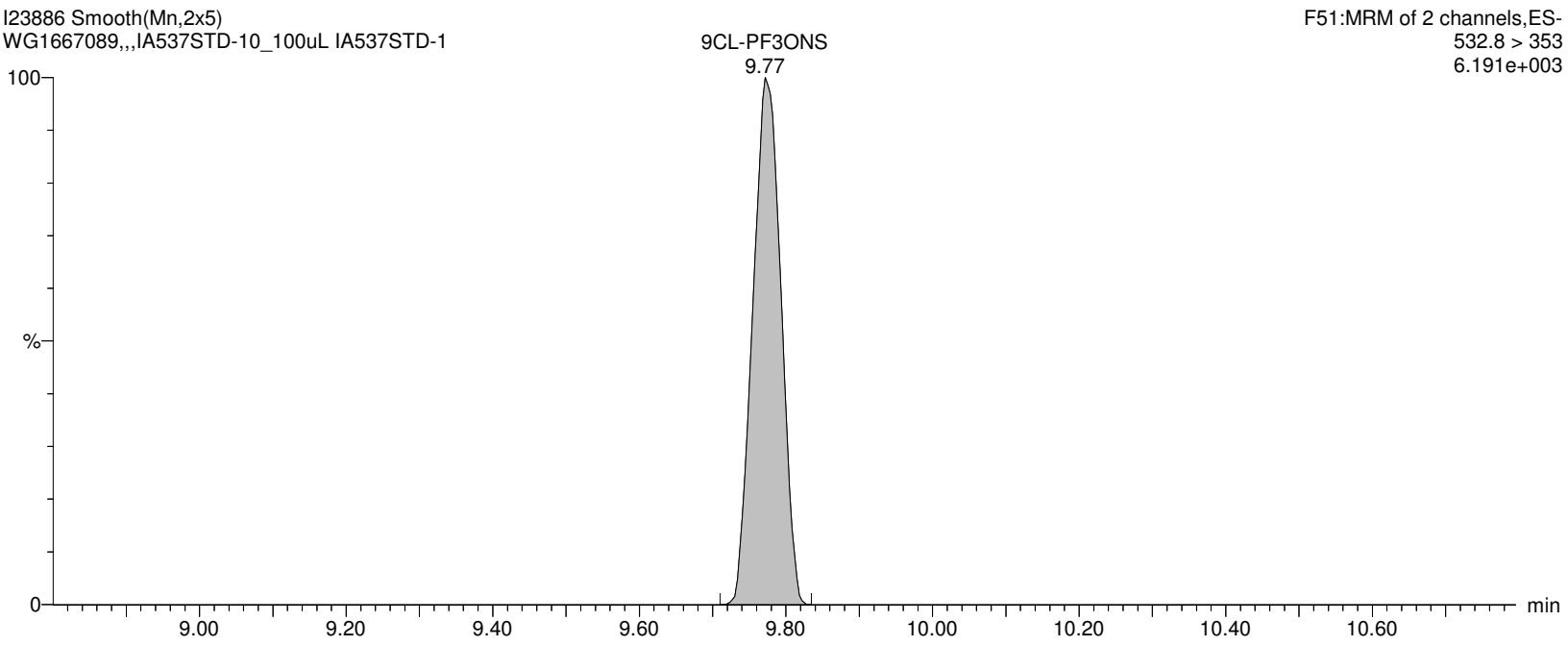
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

9CL-PF3ONS



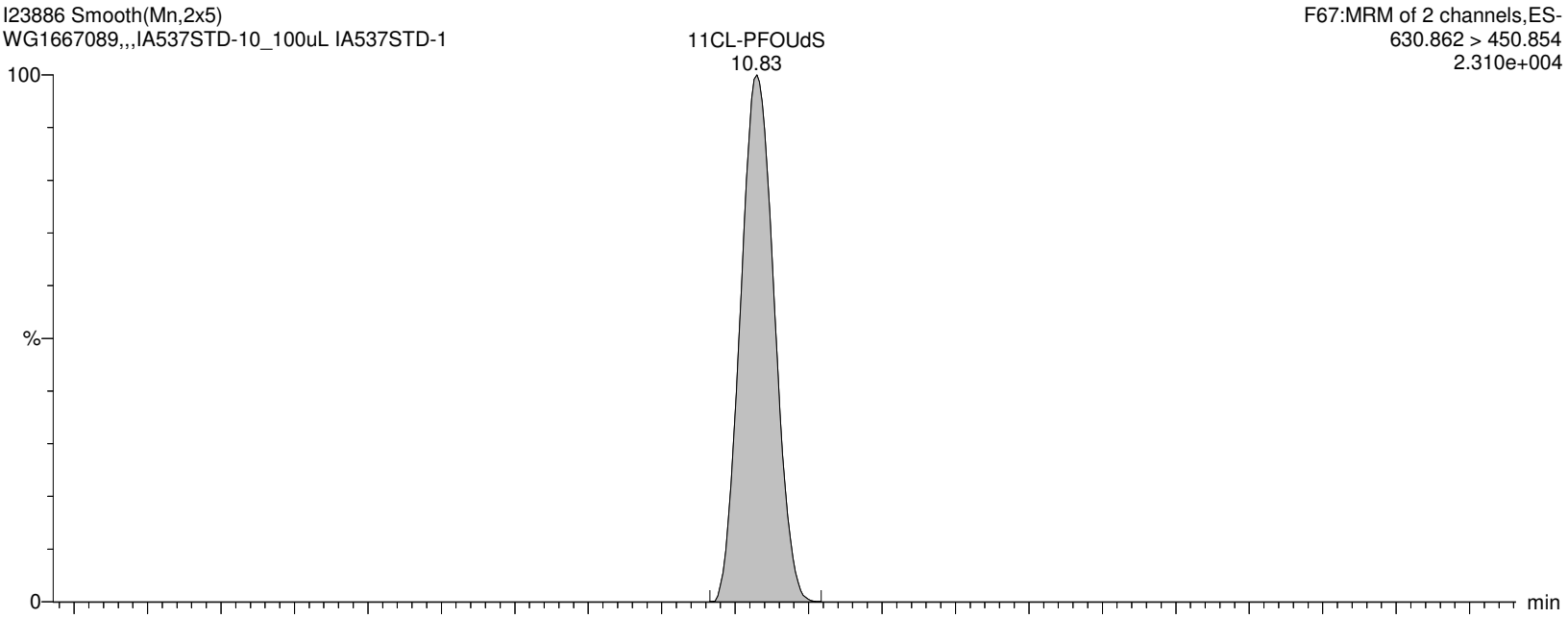


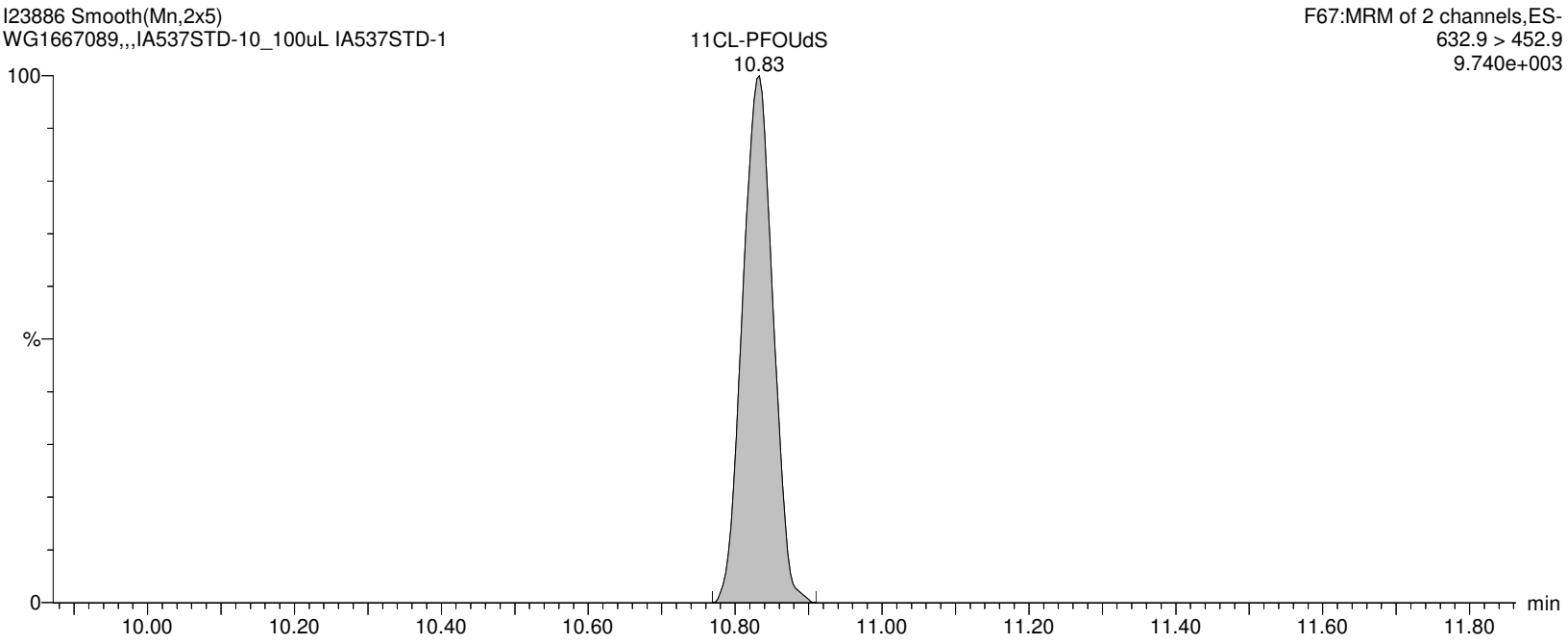
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

11CL-PFOUdS



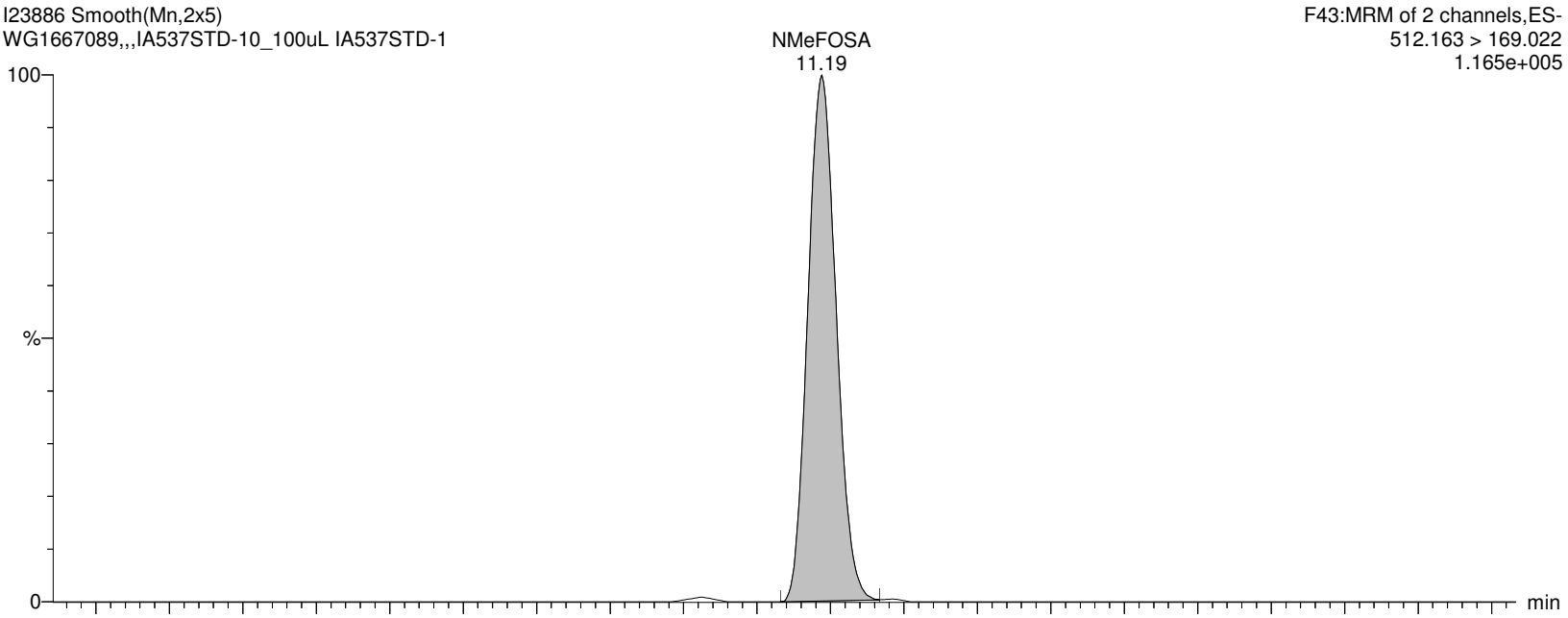


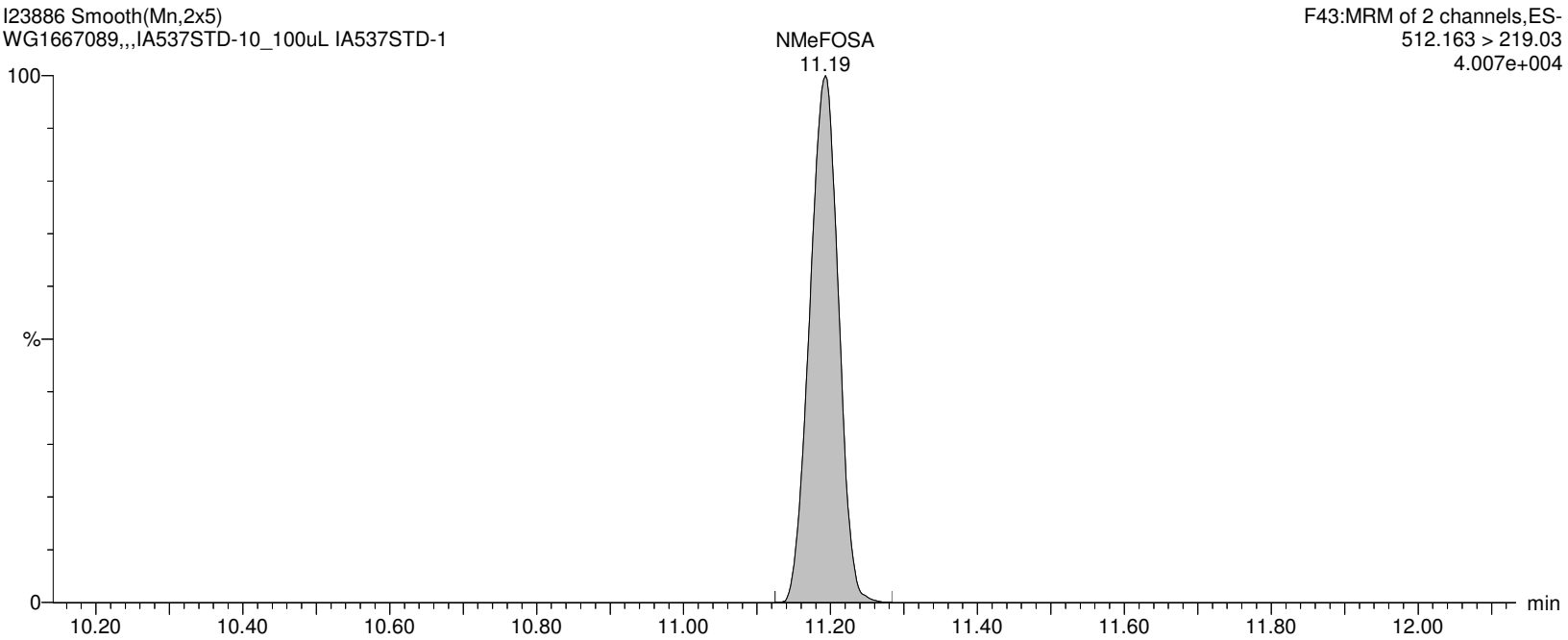
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NMeFOSA



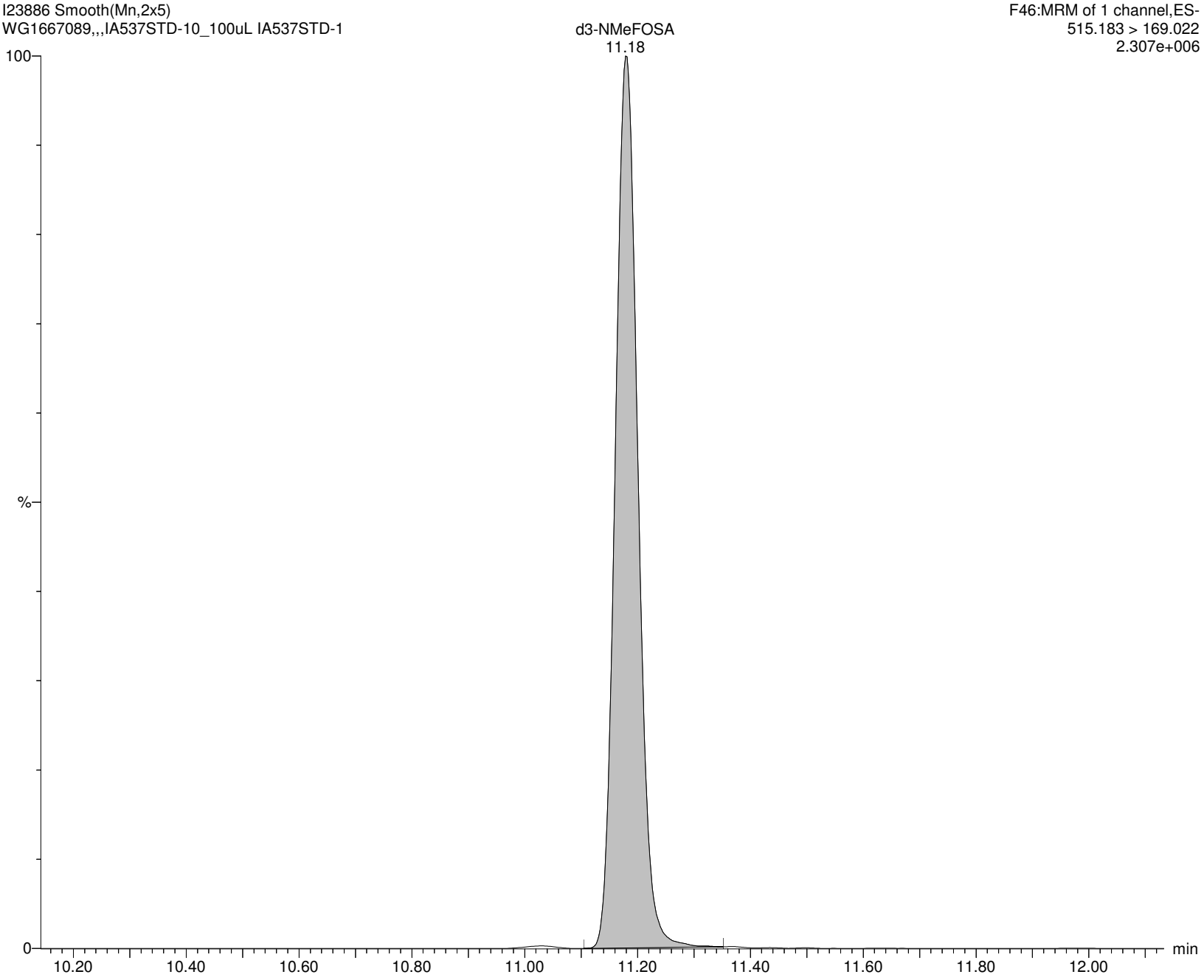


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

d3-NMeFOSA

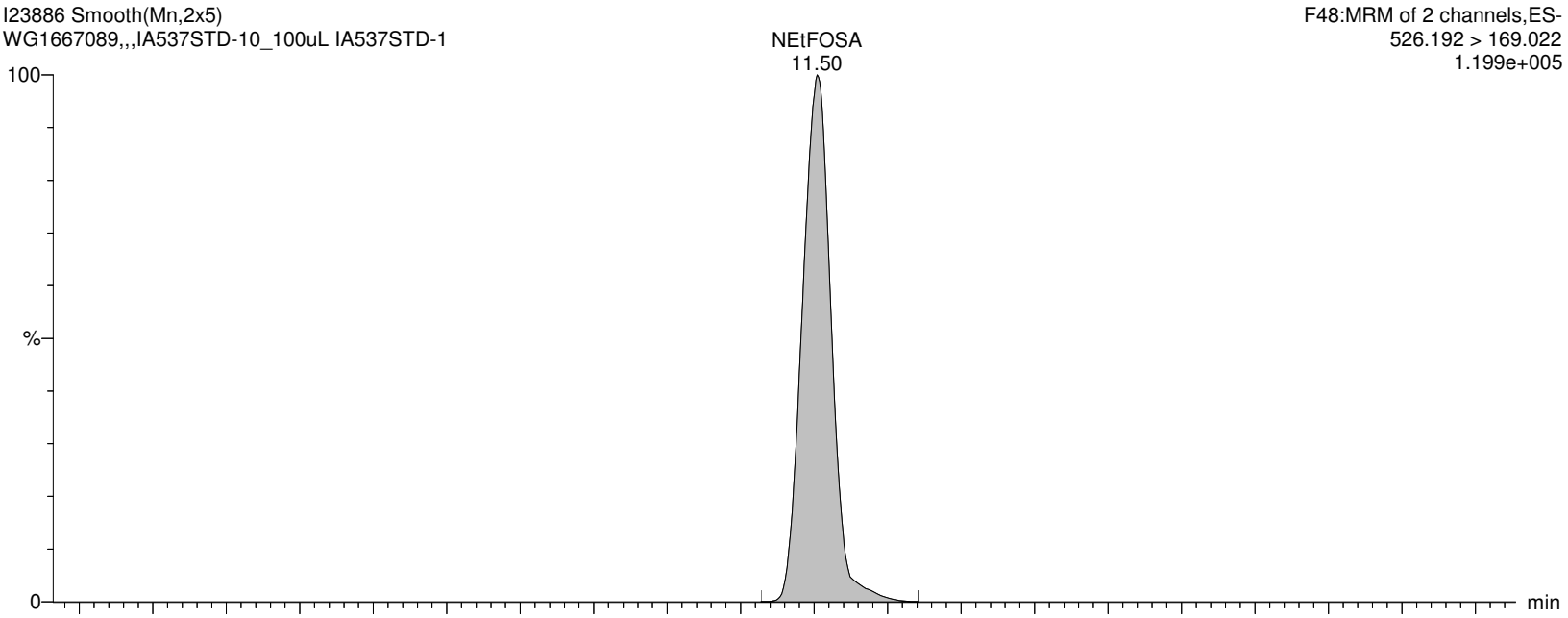


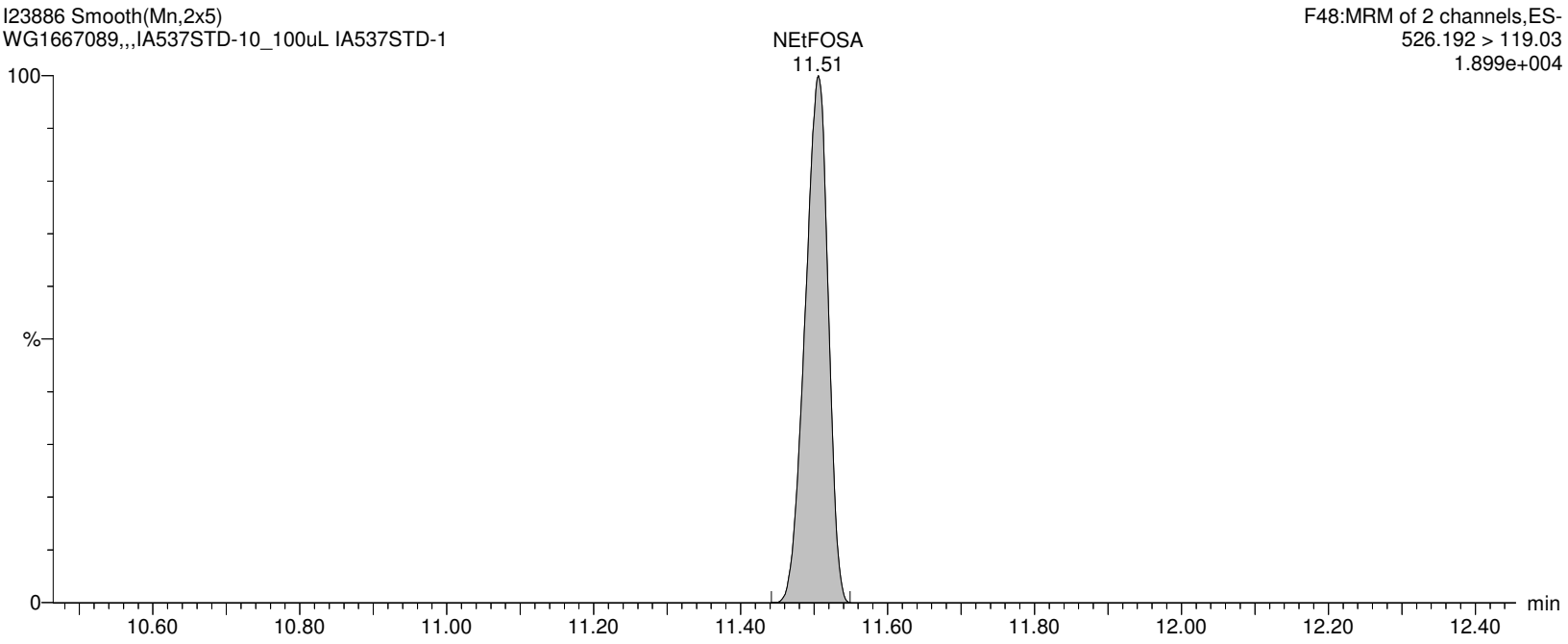
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NEtFOSA



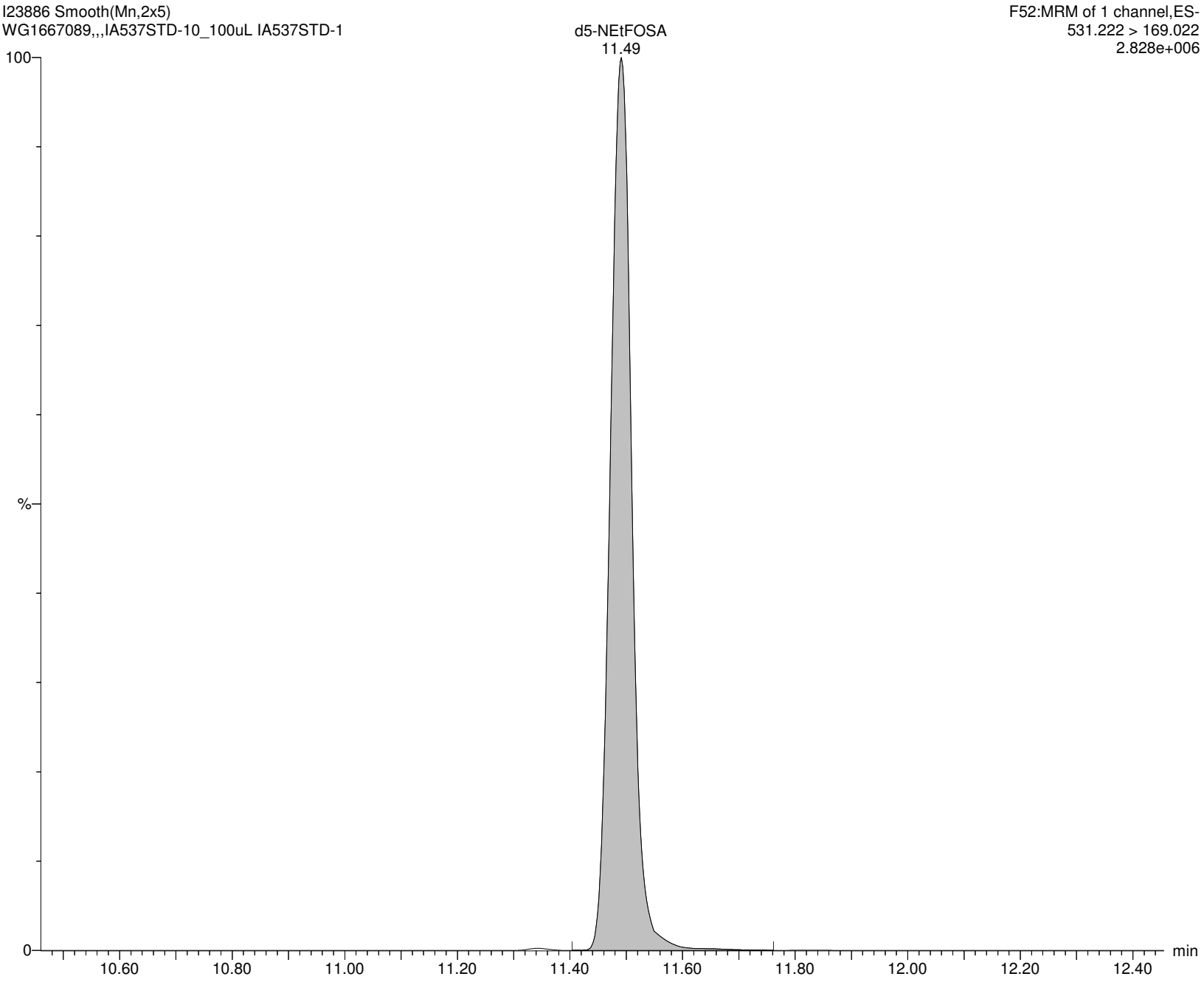


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

d5-NEtFOSA

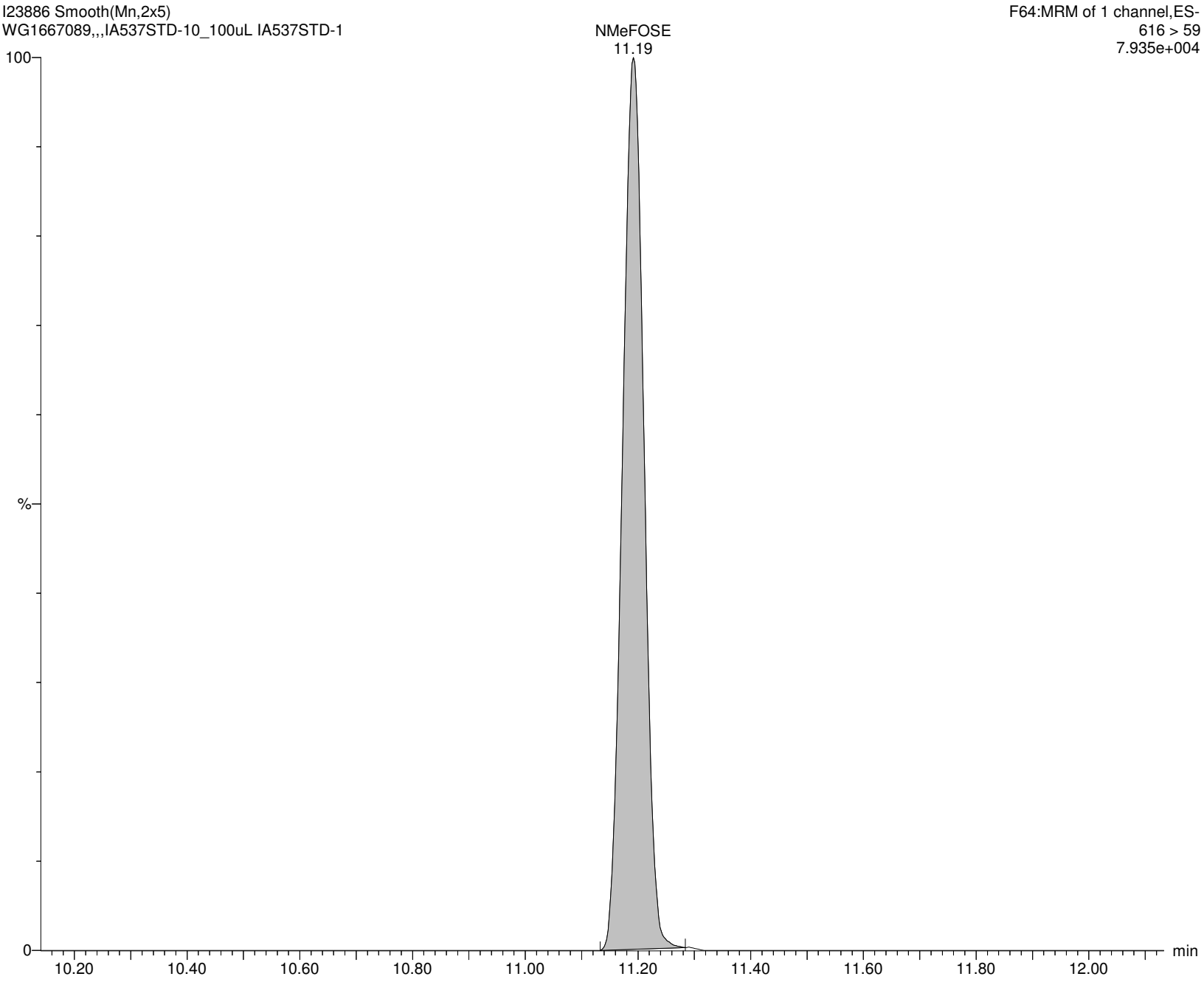


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NMeFOSE

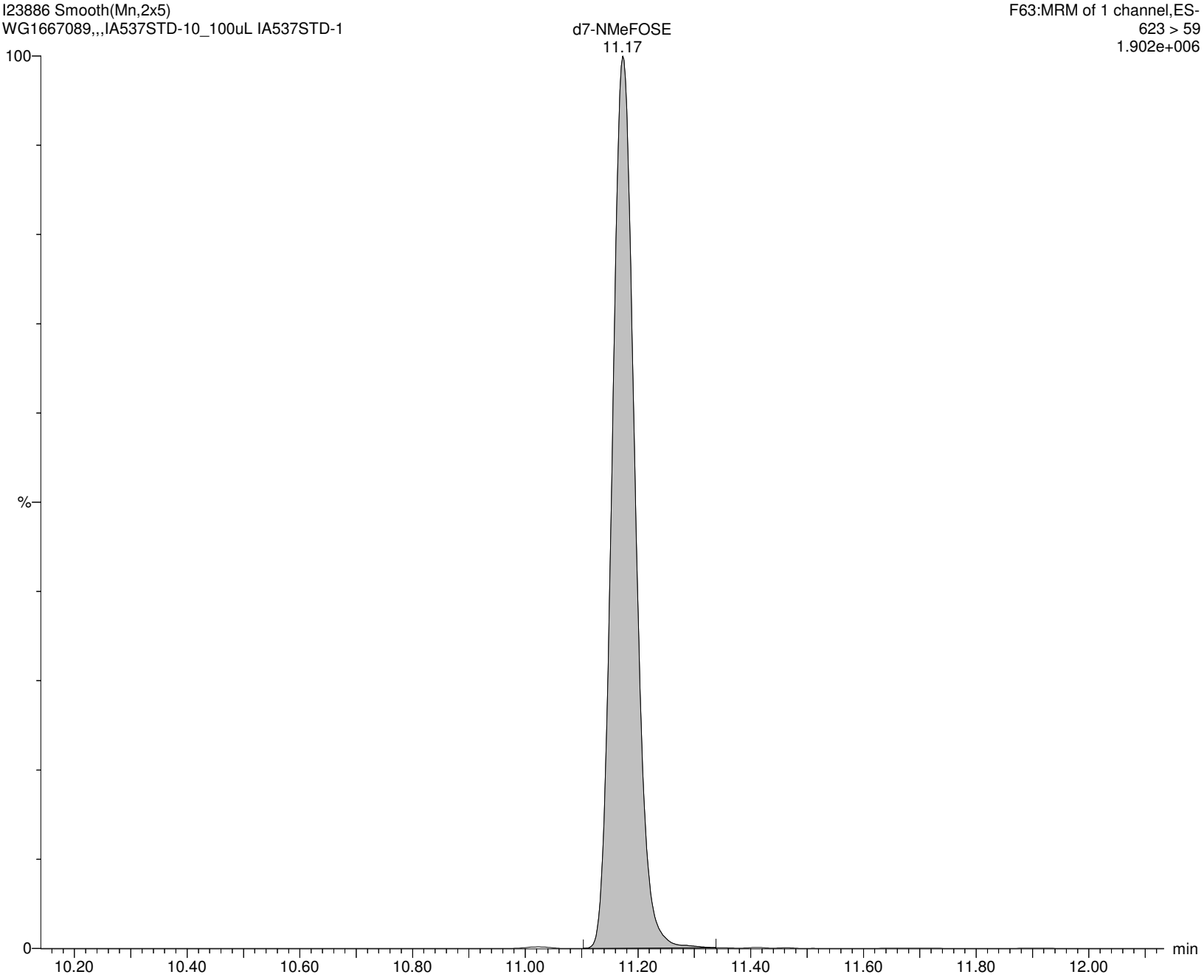


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

d7-NMeFOSE

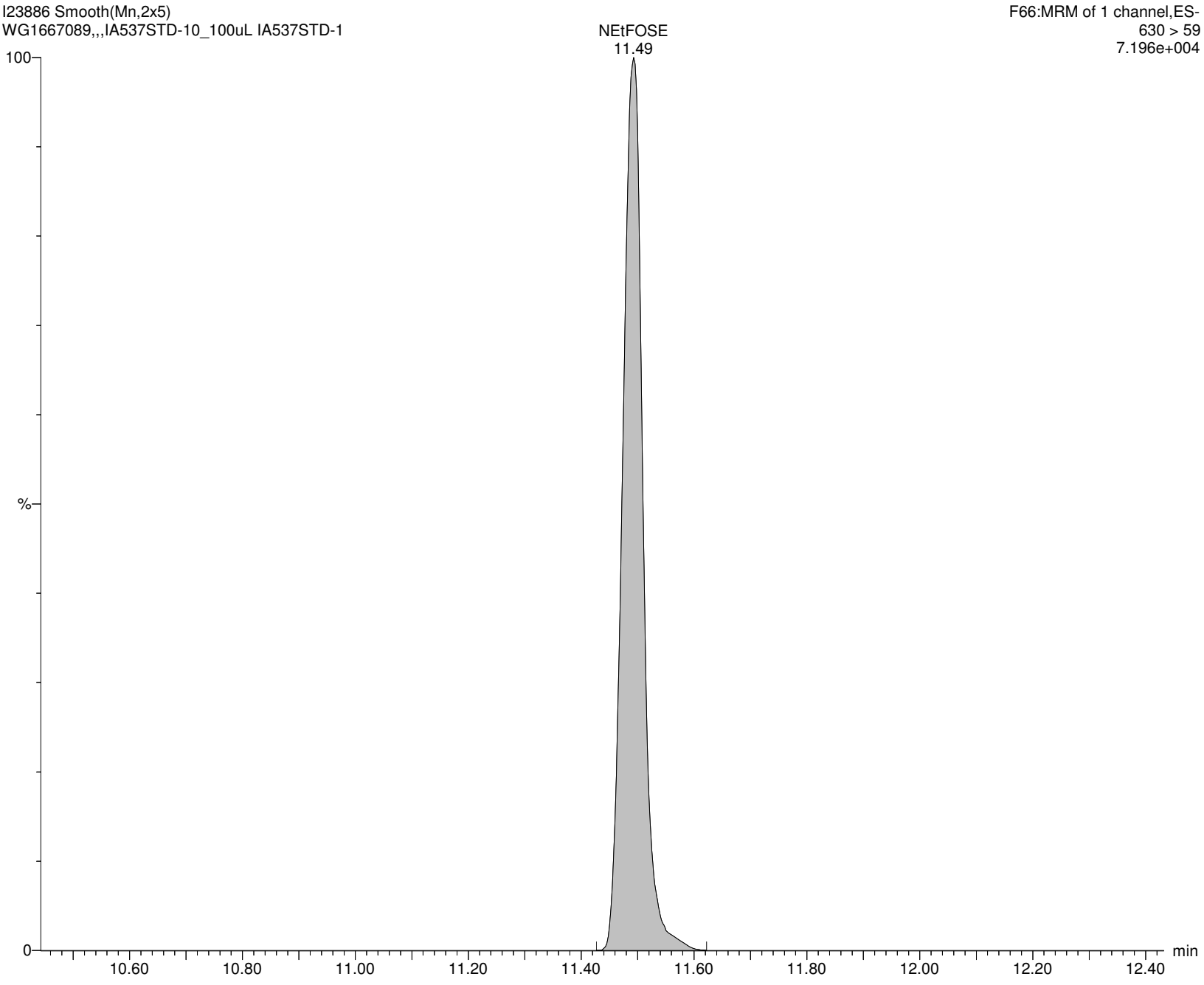


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NEtFOSE

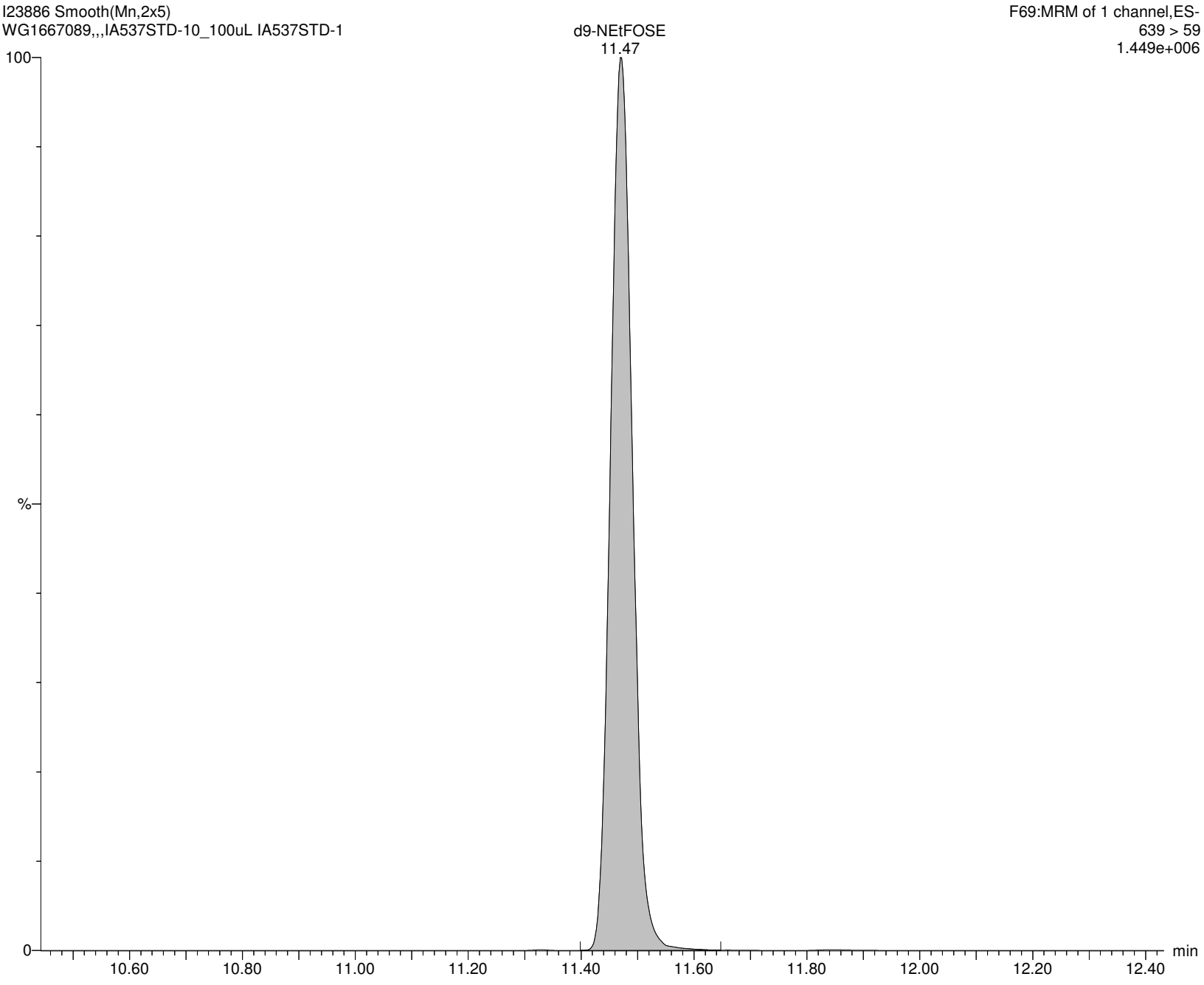


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

d9-NEtFOSE

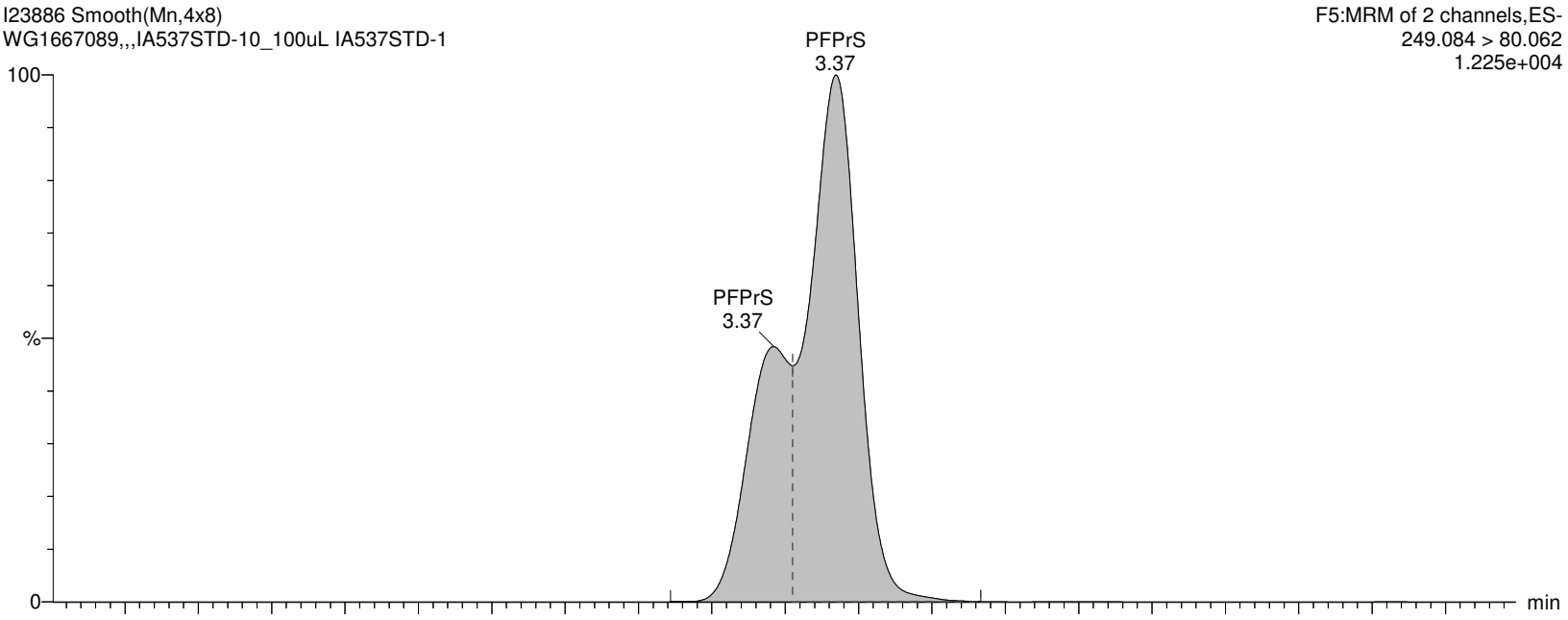


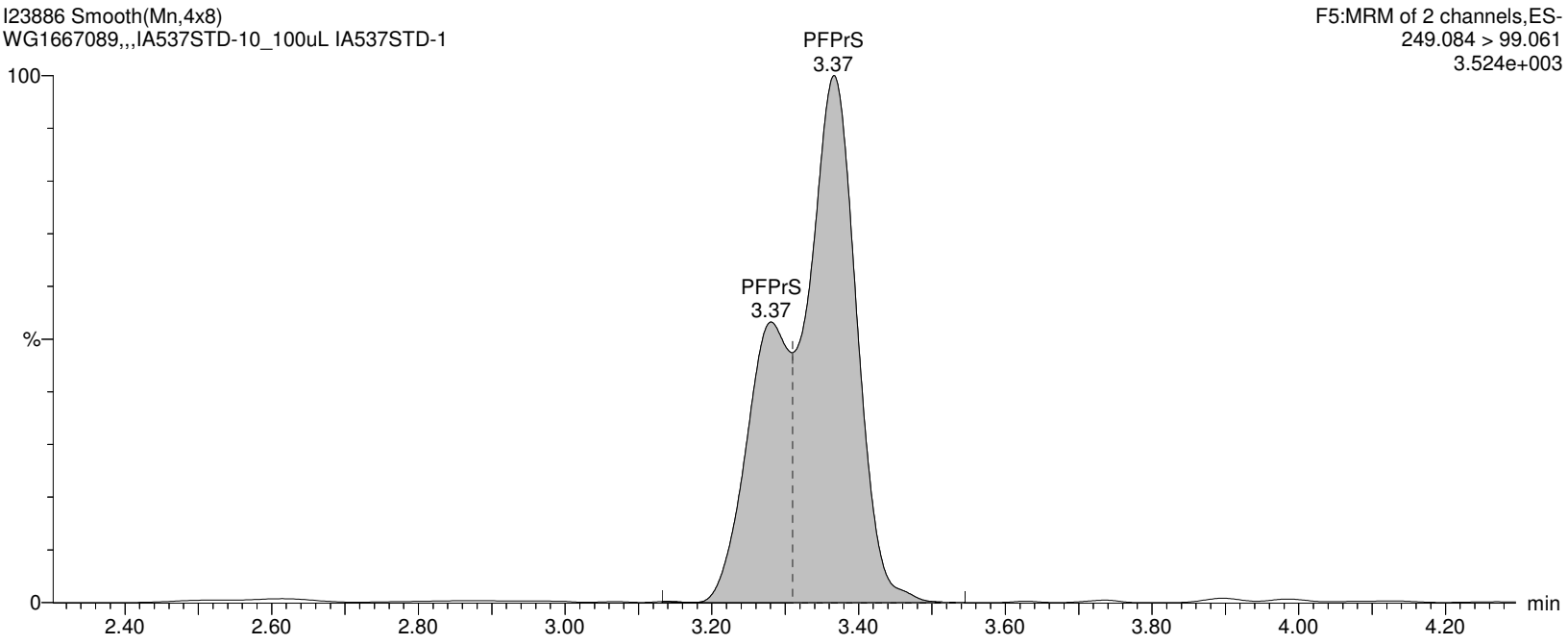
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFPrS



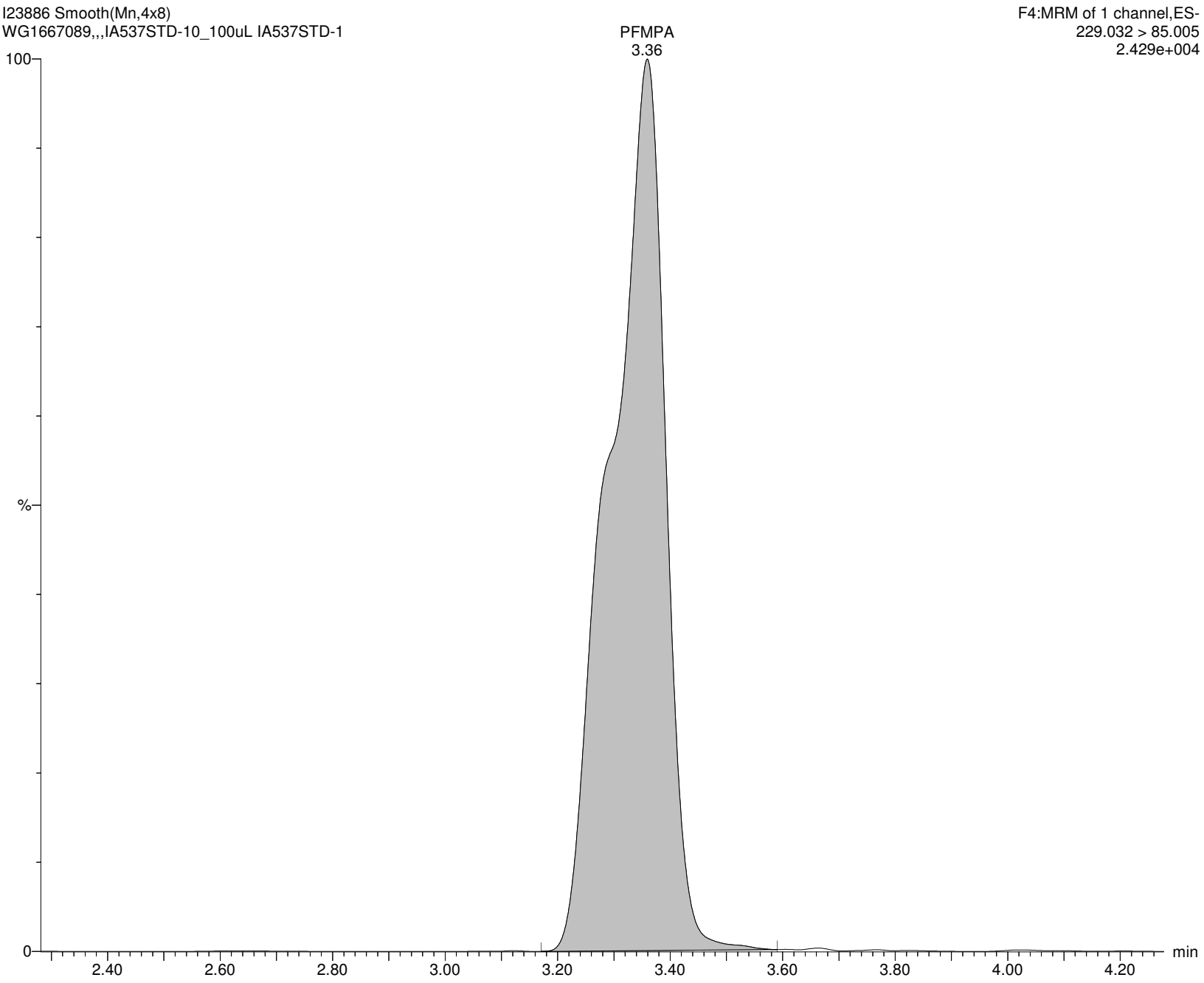


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFMPA

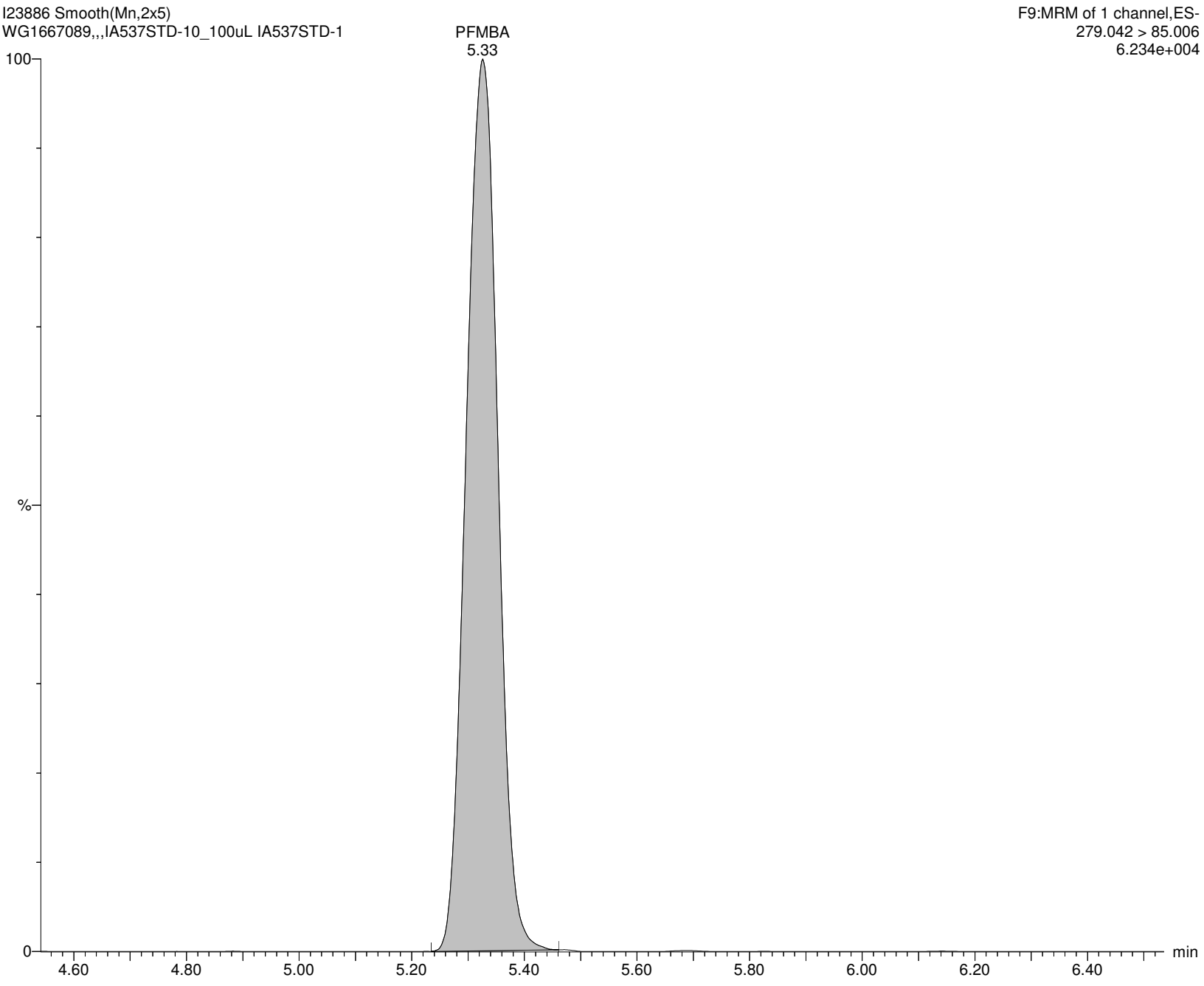


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFMBA

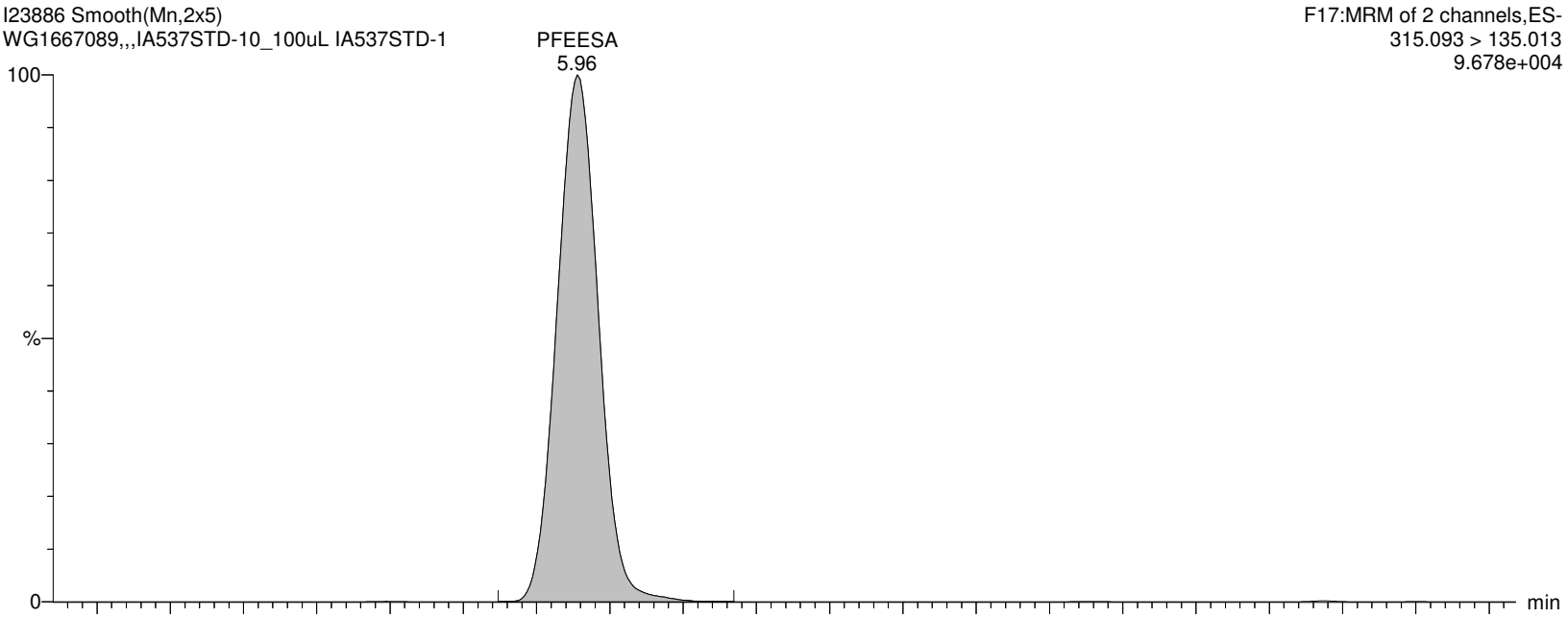


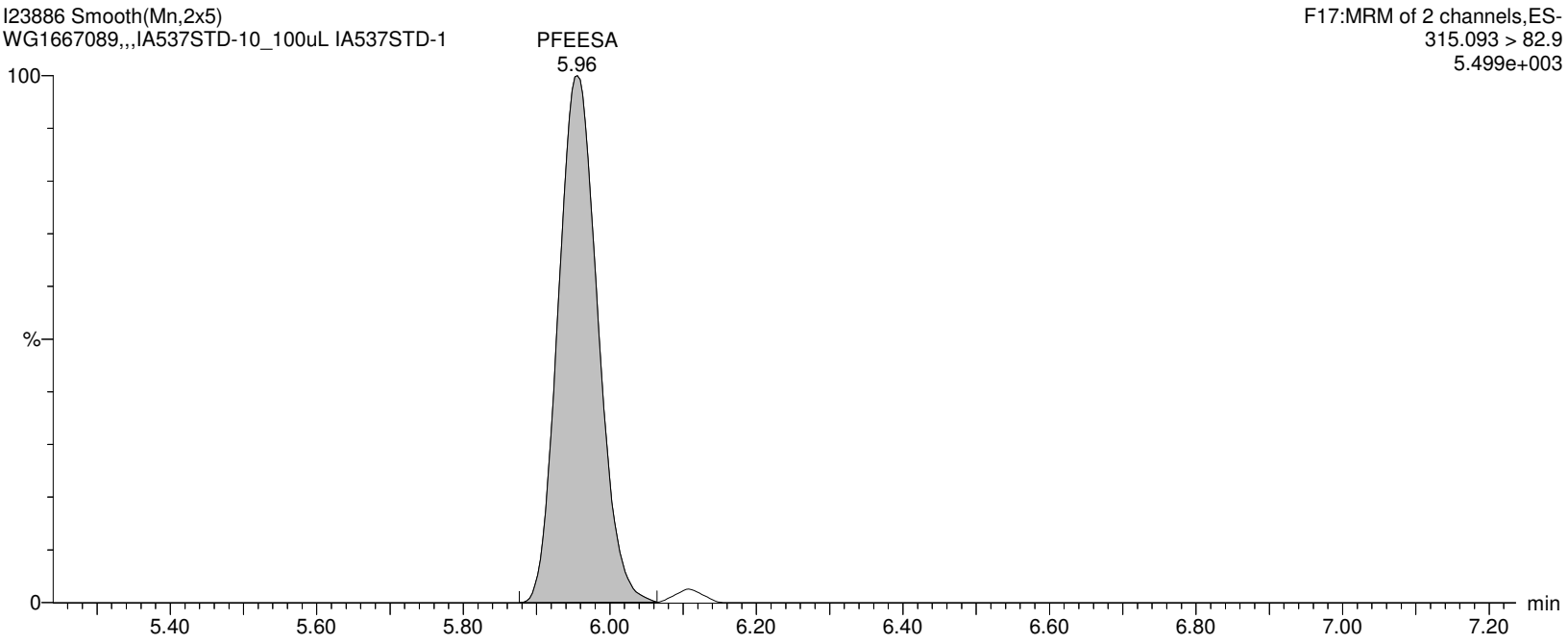
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFEESA



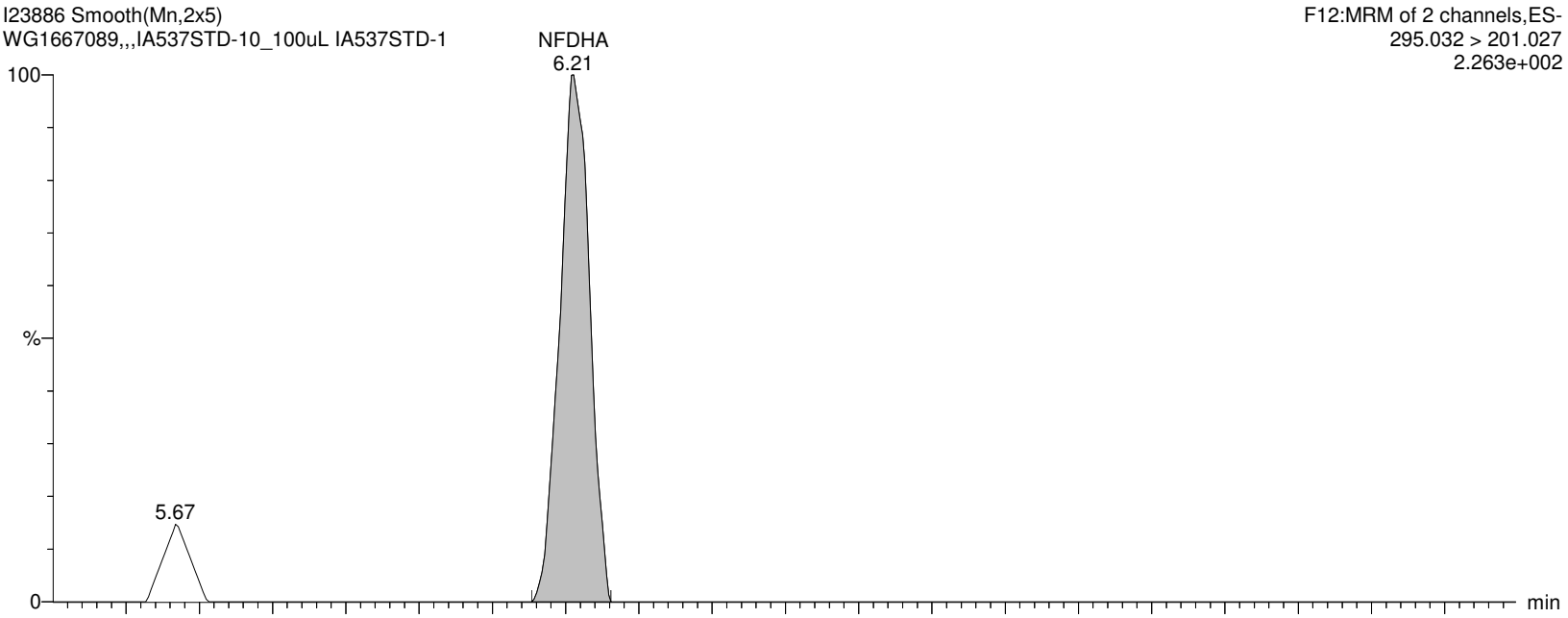


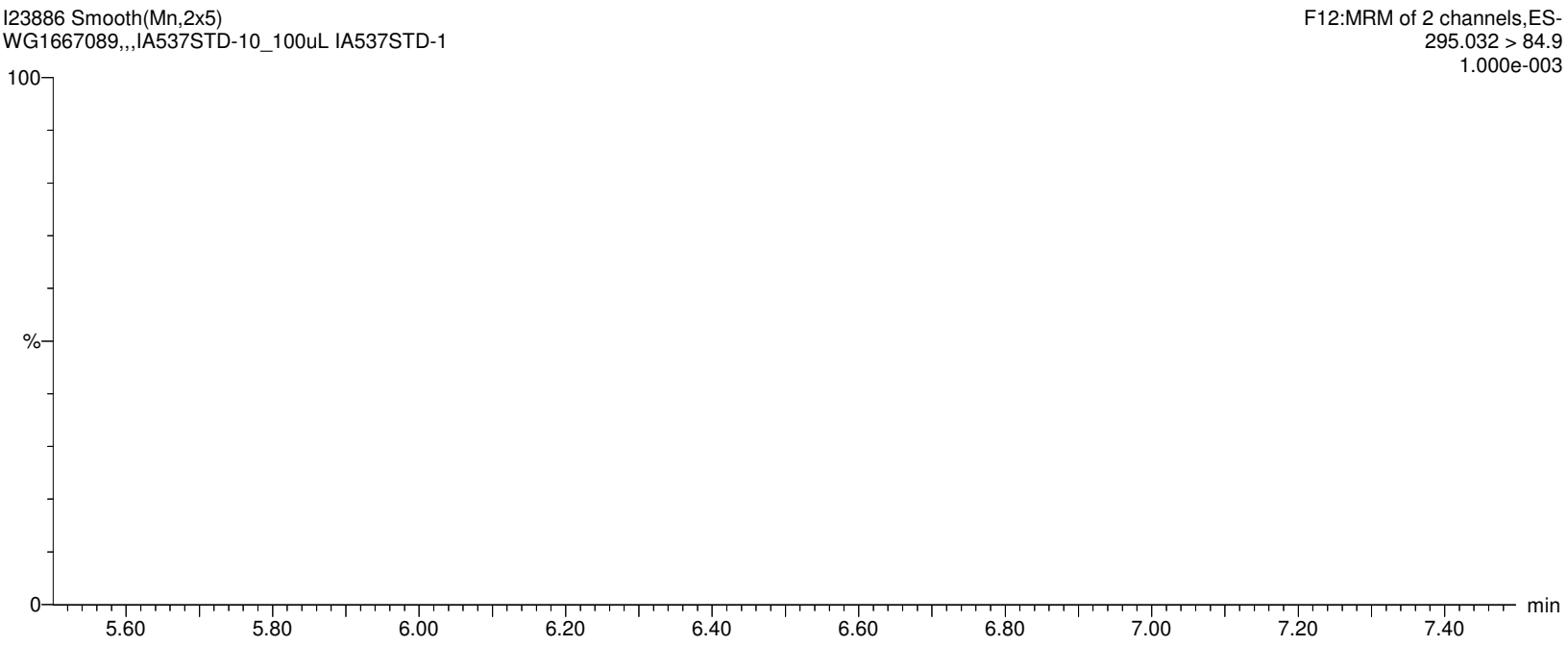
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NFDHA



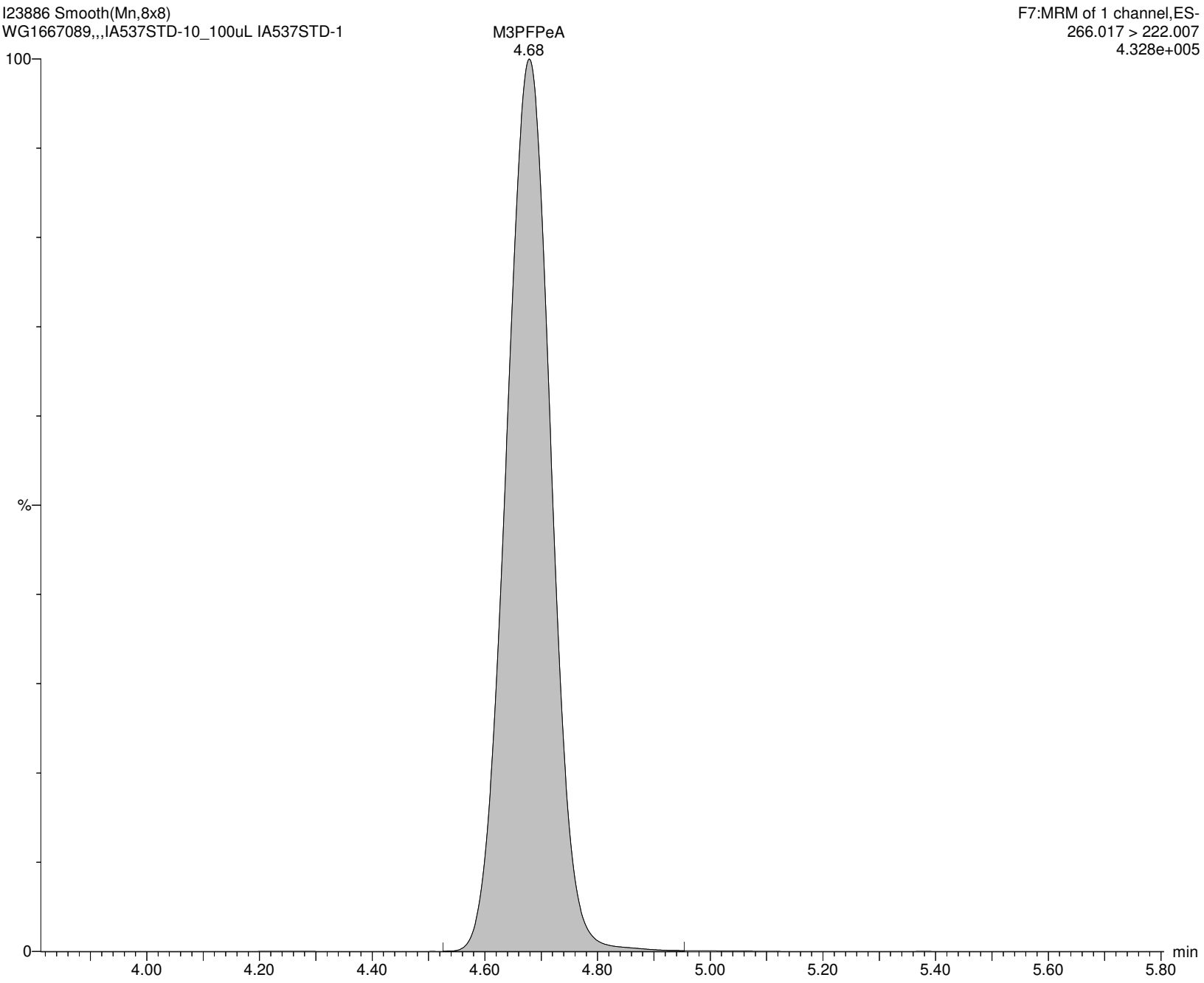


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M3PFPeA

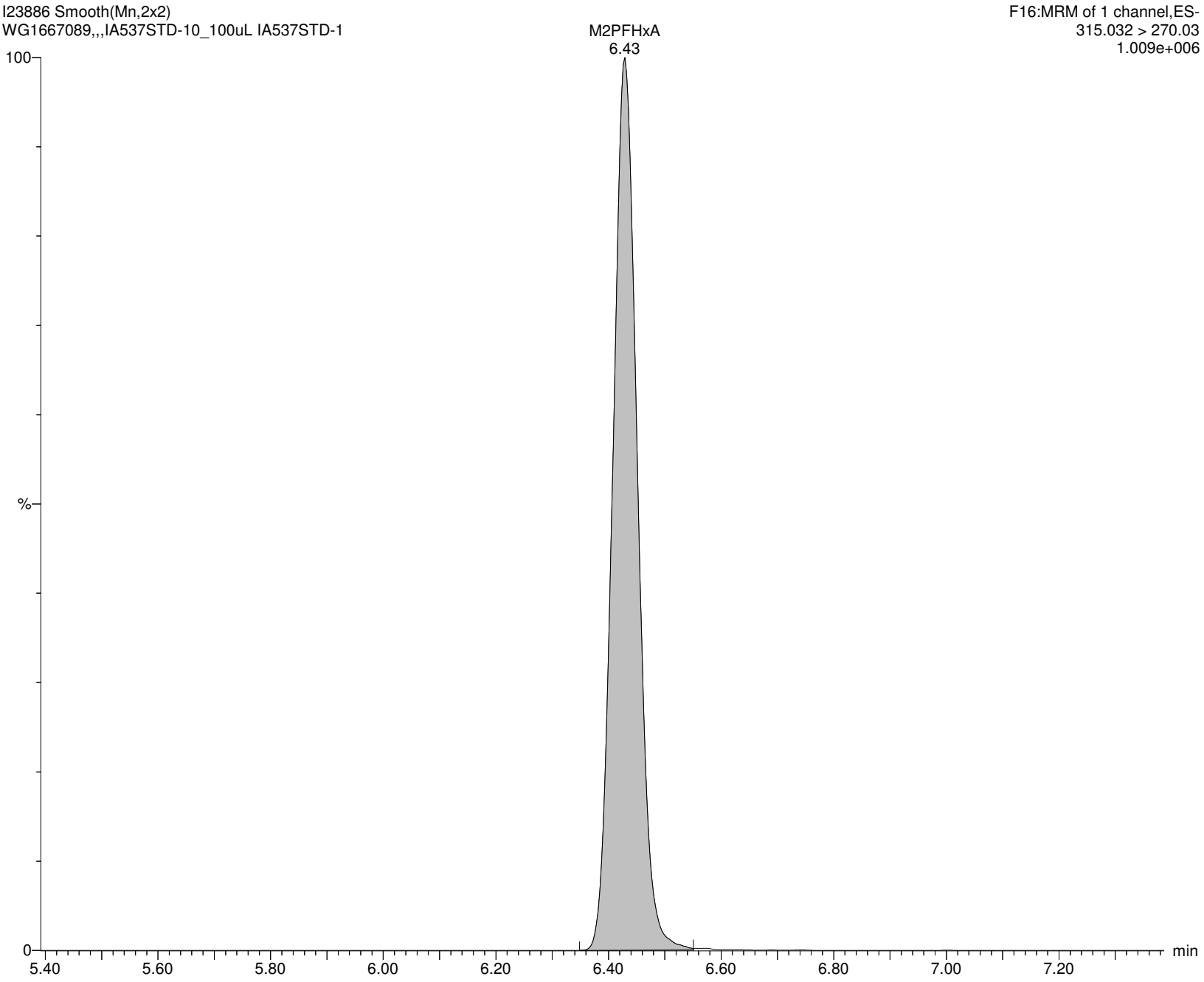


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2PFHxA

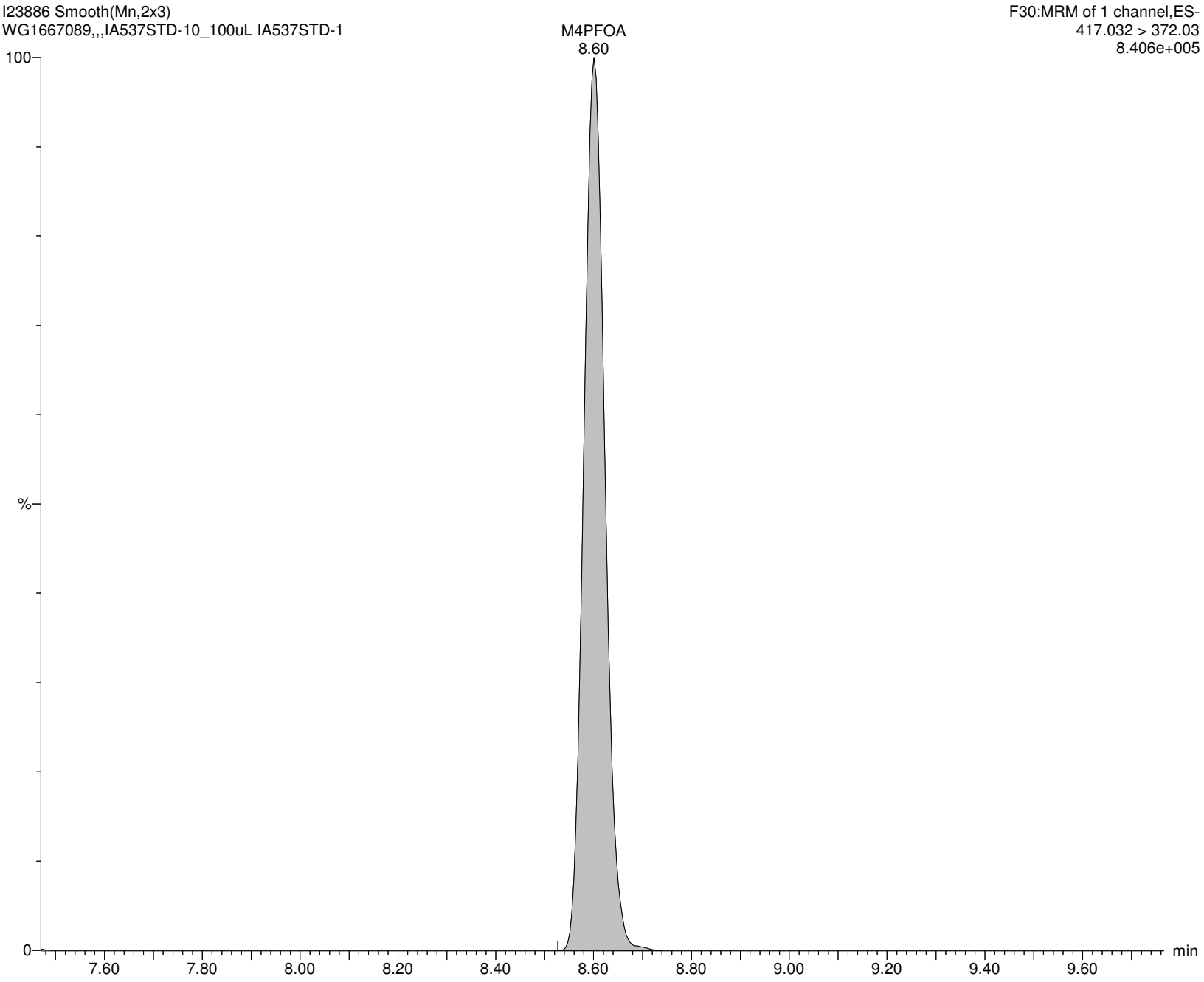


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:15 Eastern Daylight Time

Name: I23886
ID: IA537STD-1
Date: 26-Jul-2022
Time: 00:13:04
Description: WG1667089,,,IA537STD-10_100uL
User: LCMS01:RS
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M4PFOA



all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\MethDB\537ISO_Q_220725.mdb 26 Jul 2022 09:31:55
Calibration: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\CurveDB\220725_ICAL.cdb 26 Jul 2022 09:37:13

ID: IA537STD-2
Name: I23887
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:RS
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.07	213.032 > 169.022	6900		1.700		na	85.0
2	M3PFBA	INT STD	2.09	216.009 > 171.999	37640		10.074		na	100.7
3	MPFBA	INT STD	2.09	217.001 > 171.999	42799		10.014		na	100.1
4	PFPeA	2706-90-3	4.67	263.039 > 219.03	7481		1.702		na	85.1
5	M5PFPEA	INT STD	4.66	268.001 > 222.999	42448		10.086		na	100.9
6	PFBS	375-73-5	5.26	299.092 > 80.062	2728		1.458	2.14	NO	82.2
7	M3PFBS	INT STD	5.25	302.069 > 80.062	15814		9.695		na	104.0
8	4:2FTS	757124-72-4	6.35	327.146 > 307.139	371		1.477	1.02	NO	78.8
9	M2-4:2FTS	INT STD	6.34	329.13 > 309.124	2690		8.240		na	87.8
10	PFHxA	307-24-4	6.42	313.047 > 269.037	9730		1.783	12.96	NO	89.2
11	M5PFHxA	INT STD	6.42	318.009 > 273.007	53182		10.317		na	103.2
12	PFPeS	2706-91-4	6.73	349.1 > 80.062	3080		1.709	1.72	NO	90.8
13	PFHpA	375-85-9	7.66	363.055 > 319.045	7815		1.683	3.54	NO	84.2
14	M4PFHpA	INT STD	7.66	367.025 > 322.022	44622		10.329		na	103.3
15	br-PFHxS	355-46-4	7.60	399.107 > 80.062	506	m5,m7	0.334	2.35	NO	88.4
16	L-PFHxS	355-46-4	7.83	399.107 > 80.062	2583		1.547	1.79	NO	95.4
17	PFHxS	355-46-4		399.107 > 80.062	3089		1.882		na	
18	M3PFHxS	INT STD	7.83	402.084 > 80.062	17290		10.179		na	107.4
19	br-PFOA	335-67-1		413.063 > 369.053			ND		YES	
20	L-PFOA	335-67-1	8.60	413.063 > 369.053	8003		1.802	10.79	YES	90.1
21	PFOA	335-67-1		413.063 > 369.053	8003		1.802		na	
22	M8PFOA	INT STD	8.60	421.002 > 376.	38896		9.688		na	96.9
23	M2PFOA	INT STD	8.60	415.048 > 370.045	41422		9.929		na	99.3
24	6:2FTS	27619-97-2	8.56	427.161 > 407.155	491		1.729	2.10	NO	90.9
25	M2-6:2FTS	INT STD	8.56	429.146 > 409.14	3285		8.434		na	88.7
26	PFHpS	375-92-8	8.70	449.115 > 80.062	3205		1.704	1.83	NO	89.4
27	PFNA	375-95-1	9.37	463.071 > 419.061	8063		1.757	3.71	NO	87.8
28	M9PFNA	INT STD	9.37	472.002 > 427.	39500		10.532		na	105.3
29	br-PFOS	1763-23-1	9.23	499.123 > 80.062	769	m5,m7	0.381	3.56	NO	90.4
30	L-PFOS	1763-23-1	9.42	499.123 > 80.062	2376		1.506	1.75	NO	95.5
31	PFOS	1763-23-1		499.123 > 80.062	3145		1.888		na	
32	M4PFOS	INT STD	9.42	503.093 > 80.062	15988		10.045		na	100.4
33	M8PFOS	INT STD	9.42	507.062 > 80.062	16740		10.213		na	106.5
34	PFDA	335-76-2	10.00	513.078 > 469.069	4314		1.577	2.88	NO	78.8
35	M2PFDA	INT STD	10.00	515.063 > 470.061	32244		10.515		na	105.2
36	M6PFDA	INT STD	10.00	519.033 > 474.03	26538		9.535		na	95.4
37	8:2FTS	39108-34-4	9.99	527.177 > 507.171	358		1.869	1.52	NO	97.3
38	M2-8:2FTS	INT STD	9.99	529.162 > 509.155	2793		9.896		na	103.1
39	PFNS	68259-12-1	10.03	549.131 > 80.062	3296		2.010	2.37	NO	104.5

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

ID: IA537STD-2
Name: I23887
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:RS
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.41	573.22 > 419.061	6045		9.293		na	92.9
41	br-NMeFOSAA	2355-31-9	10.25	570.202 > 419.061	53	m5,m7	0.373	0.93	NO	77.8
42	L-NMeFOSAA	2355-31-9	10.41	570.202 > 419.061	553		1.397	1.72	NO	91.9
43	NMeFOSAA	2355-31-9		570.202 > 419.061	607		1.771		na	
44	PFUnA	2058-94-8	10.55	563.086 > 519.076	5914		2.018	5.51	NO	100.9
45	M7-PFUDA	INT STD	10.55	570.033 > 525.031	28603		10.180		na	101.8
46	PFDS	335-77-3	10.57	598.926 > 80.062	1906		1.521	1.38	NO	78.8
47	FOSA	754-91-6	10.56	498.146 > 78.07	7997		1.755	74.44	NO	87.7
48	M8FOSA	INT STD	10.55	506.077 > 78.07	47505		10.672		na	106.7
49	d5-NEtFOSAA	INT STD	10.71	589.259 > 419.061	6237		9.346		na	93.5
50	br-NEtFOSAA	2991-50-6	10.58	584.229 > 419.061	55	m5,m7	0.341	0.66	NO	75.9
51	L-NEtFOSAA	2991-50-6	10.72	584.229 > 419.061	555		1.372	1.24	NO	88.5
52	NEtFOSAA	2991-50-6		584.229 > 419.061	610		1.713		na	
53	PFDoA	307-55-1	11.03	613.094 > 569.084	6059		1.950	7.45	NO	97.5
54	MPFDOA	INT STD	11.03	615.079 > 570.077	32221		9.712		na	97.1
55	PFTrDA	72629-94-8	11.46	663.102 > 619.092	3052		1.712	4.46	NO	85.6
56	PFTA	376-06-7	11.84	713.11 > 669.1	2985		1.763	18.28	YES	88.1
57	M2PFTEDA	INT STD	11.84	715.094 > 670.092	18152		9.942		na	99.4
58	M3HFPO-DA	INT STD	6.84	287.02 > 169.022	36675		217.934		na	109.0
59	HFPO-DA	13252-13-6	6.84	285.035 > 169.022	3440		17.603	32.90	NO	88.0
60	ADONA	958445-44-8	7.84	377.06 > 251.028	11485	m7	1.912	30.73	NO	101.2
61	PFHxDA		12.45	813.122 > 769.116	4435	m7	1.900	19.34	NO	95.0
62	PFODA		12.77	913.411 > 869.131	1162		2.185	51.76	YES	109.3
63	M2PFHxDA		12.45	815.102 > 770.108	19392		9.718		na	97.2
64	PFDoS		11.45	699.154 > 80.062	2648		1.972	2.12	NO	101.9
65	M2D4-10:2FTS		11.04	633.201 > 612.189	3578		23.305		na	118.9
66	10:2FTS		11.04	627.192 > 607.186	399	m2,m7	1.589	2.39	NO	82.2
67	9CL-PF3ONS		9.78	530.862 > 350.843	4606		1.587	4.74	NO	85.1
68	11CL-PFOUdS		10.83	630.862 > 450.854	2314		1.419	1.82	NO	75.3
69	NMeFOSA		11.19	512.163 > 169.022	10679		9.222	2.21	NO	92.2
70	d3-NMeFOSA		11.18	515.183 > 169.022	111964		101.126		na	101.1
71	NEtFOSA		11.51	526.192 > 169.022	12299		8.860	6.95	NO	88.6
72	d5-NEtFOSA		11.49	531.222 > 169.022	128036		101.401		na	101.4
73	NMeFOSE		11.19	616 > 59	6839		4.026		na	80.5
74	d7-NMeFOSE		11.18	623 > 59	99178		104.827		na	104.8
75	NEtFOSE		11.49	630 > 59	6910		4.992		na	99.8
76	d9-NEtFOSE		11.47	639 > 59	70357		98.844		na	98.8
77	PFPrS		3.34	249.084 > 80.062	2693	m3,m7	1.578	3.11	NO	85.8
78	PFMPA		3.33	229.032 > 85.005	5684		1.858		na	92.9
79	PFMBA		5.32	279.042 > 85.006	8427		1.827		na	91.3
80	PFEESA		5.95	315.093 > 135.013	12963		1.563	21.80	NO	87.8
81	NFDHA		6.20	295.032 > 201.027	71		3.079		YES	154.0
82	M3PFPeA		4.67	266.017 > 222.007	40602		10.230		na	102.3

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

ID: IA537STD-2
Name: I23887
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:RS
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
83	M2PFHxA		6.42	315.032 > 270.03	50883		10.488		na	104.9
84	M4PFOA		8.60	417.032 > 372.03	40743		10.241		na	102.4

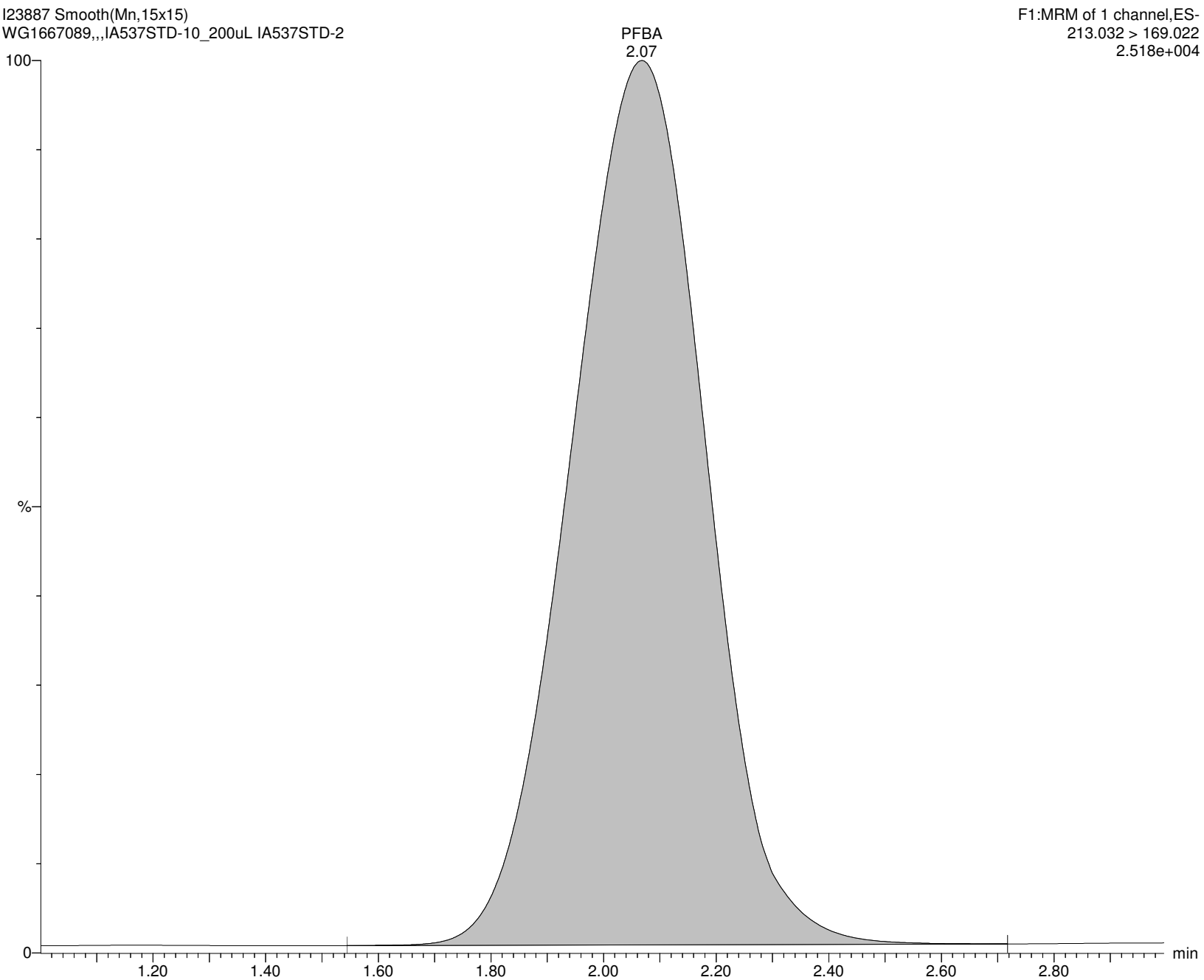
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\MethDB\537ISO_Q_220725.mdb 26 Jul 2022 09:31:55
Calibration: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\CurveDB\220725_ICAL.cdb 26 Jul 2022 09:37:13

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFBA

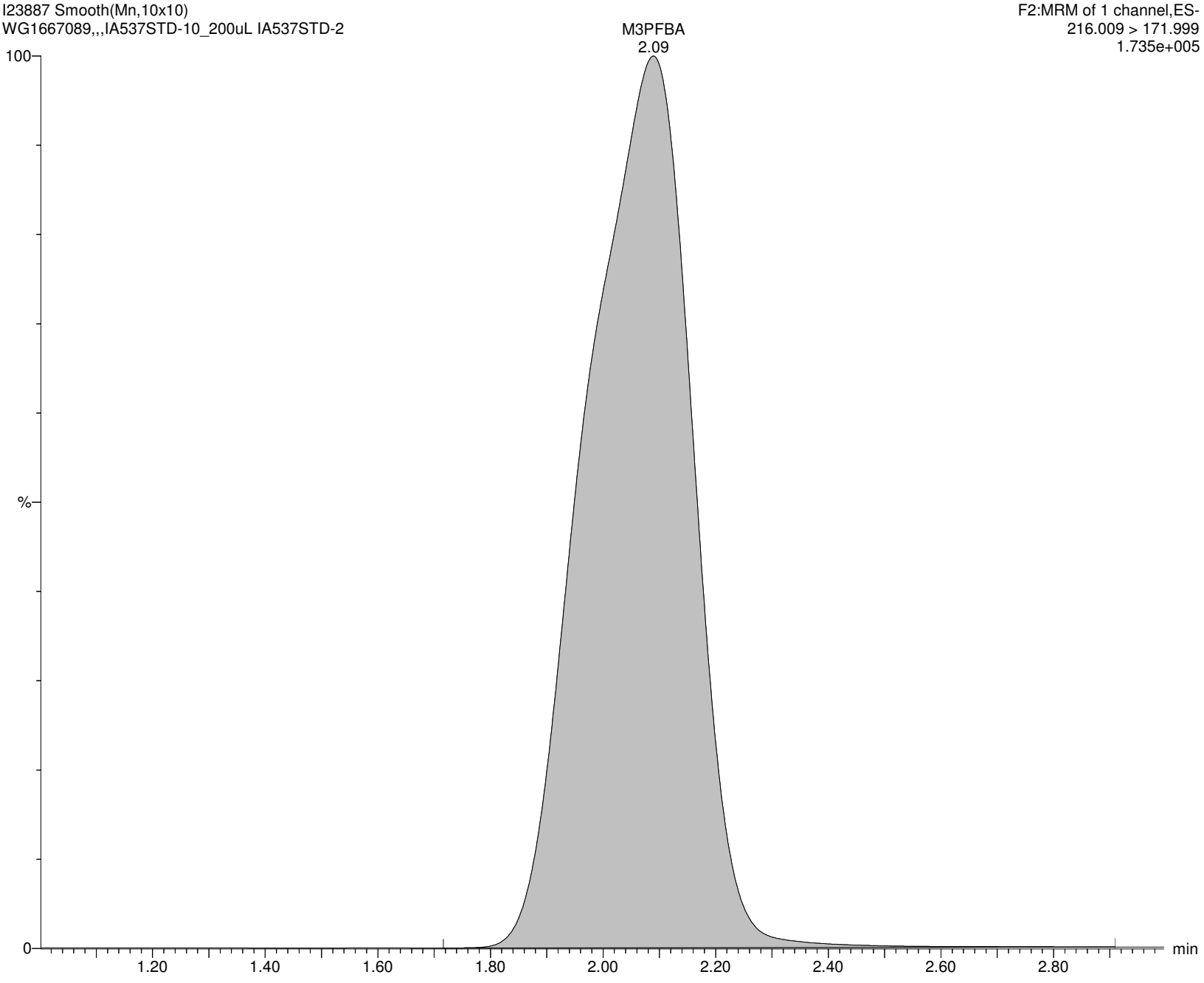


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M3PFBA

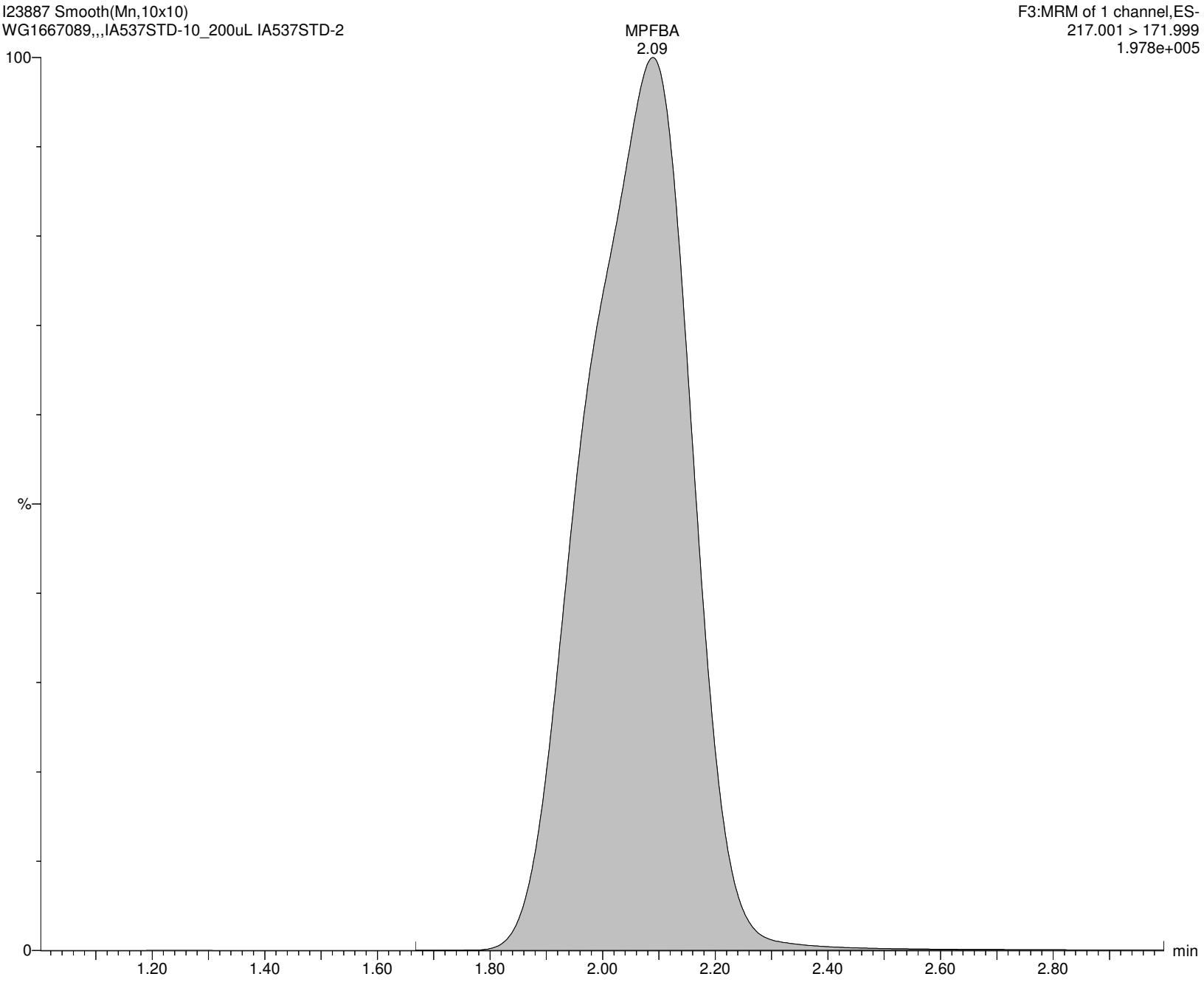


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

MPFBA

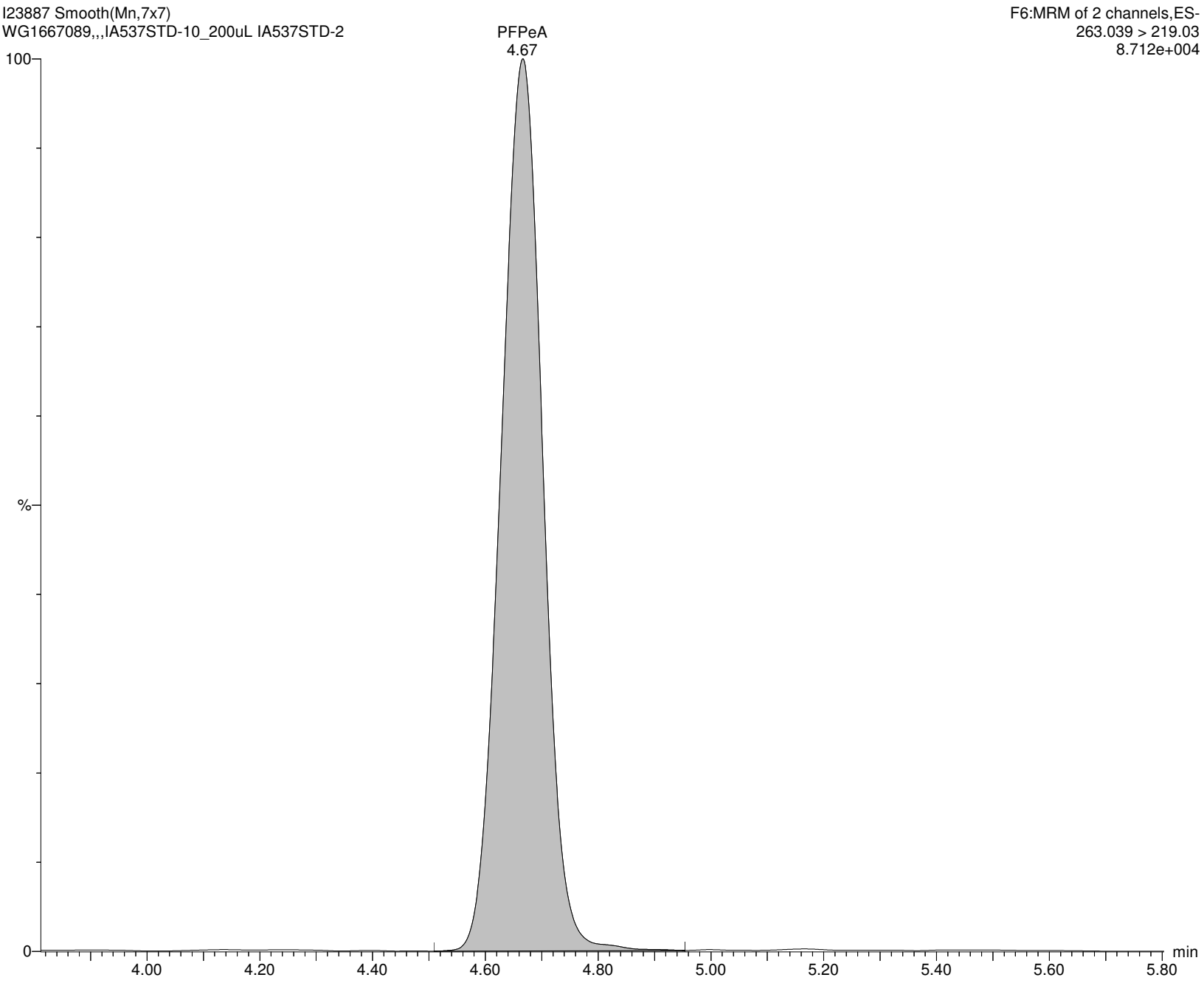


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFPeA

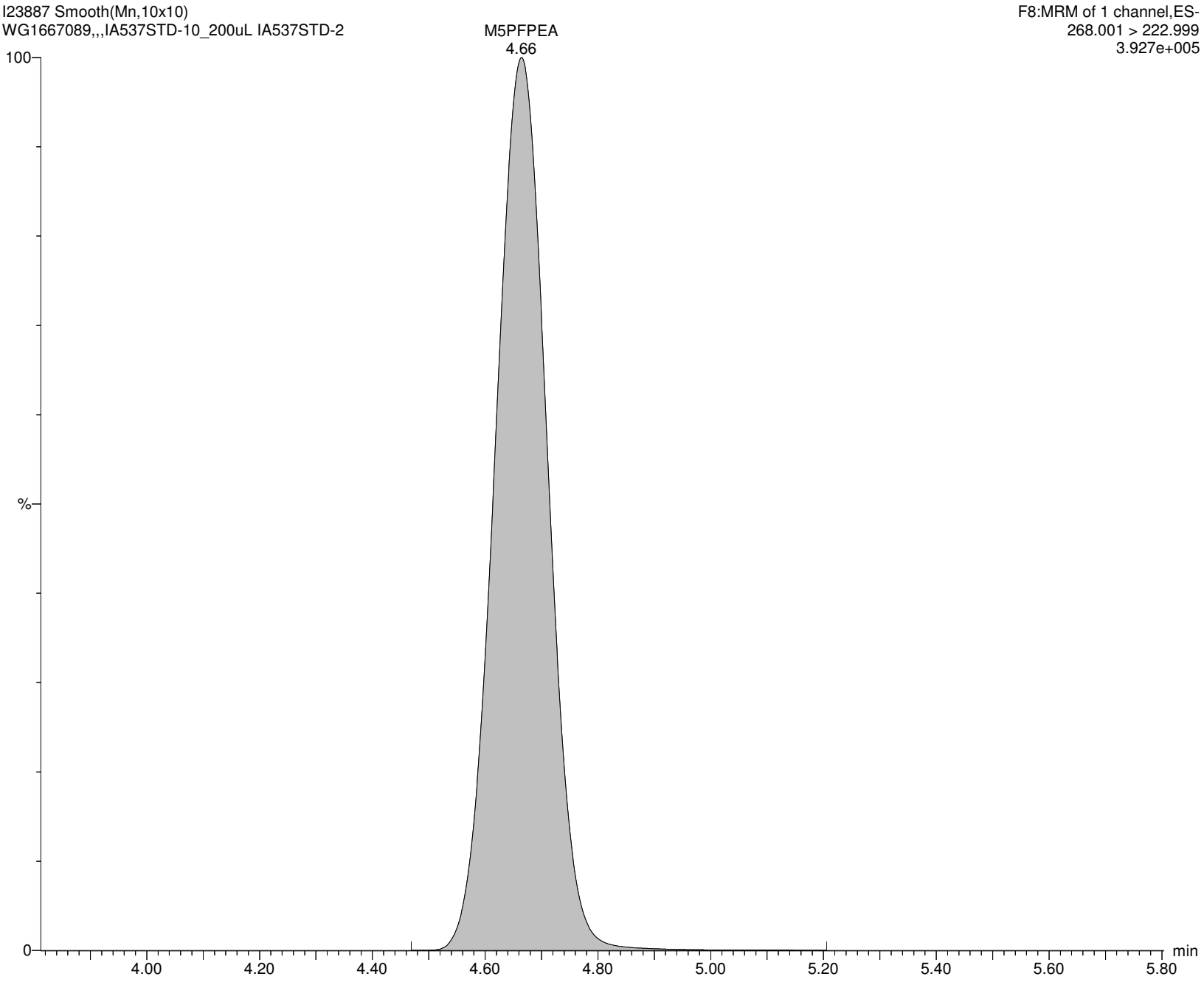


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M5PFPEA

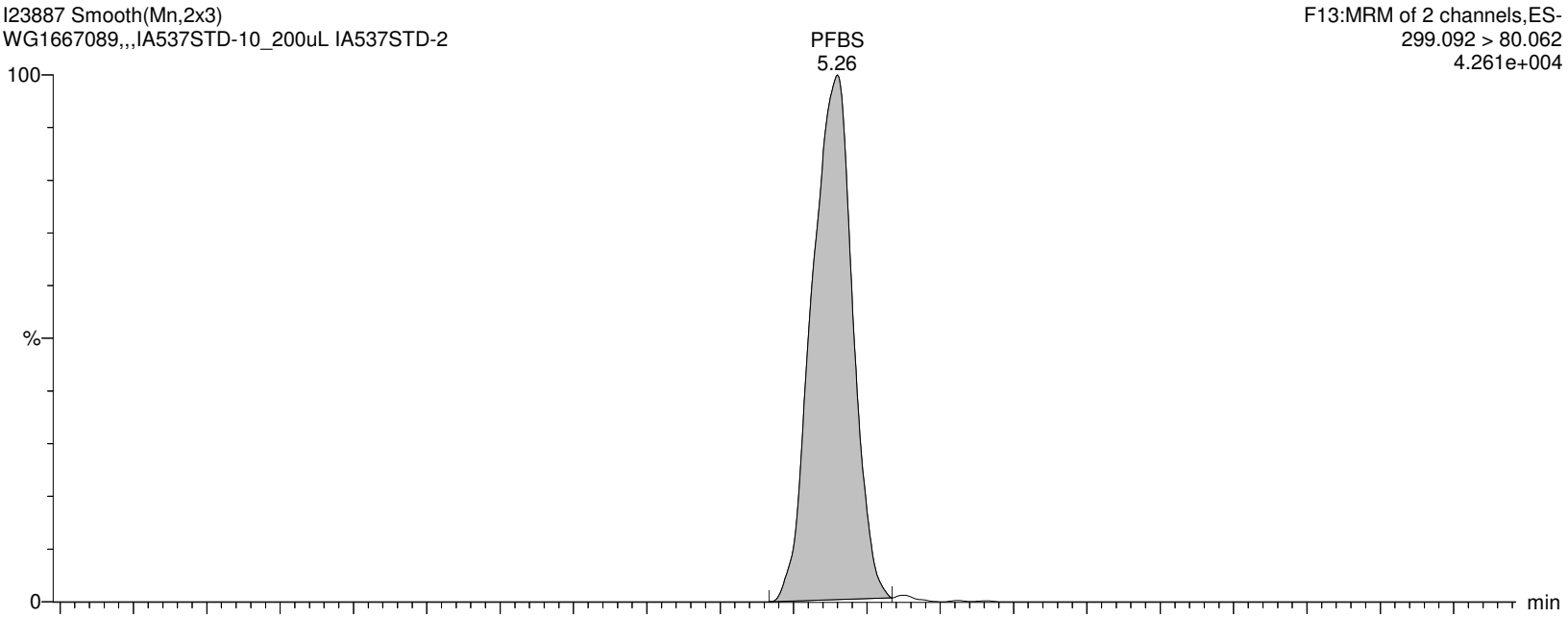


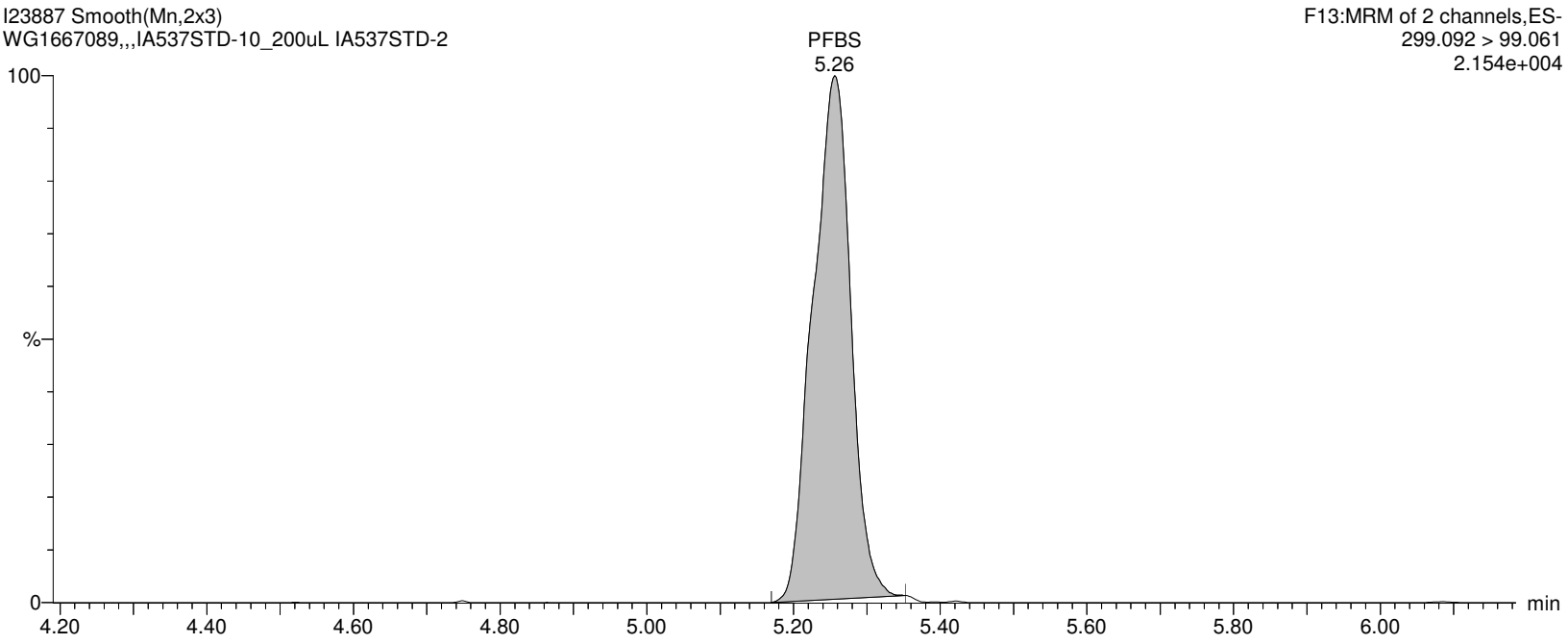
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFBS



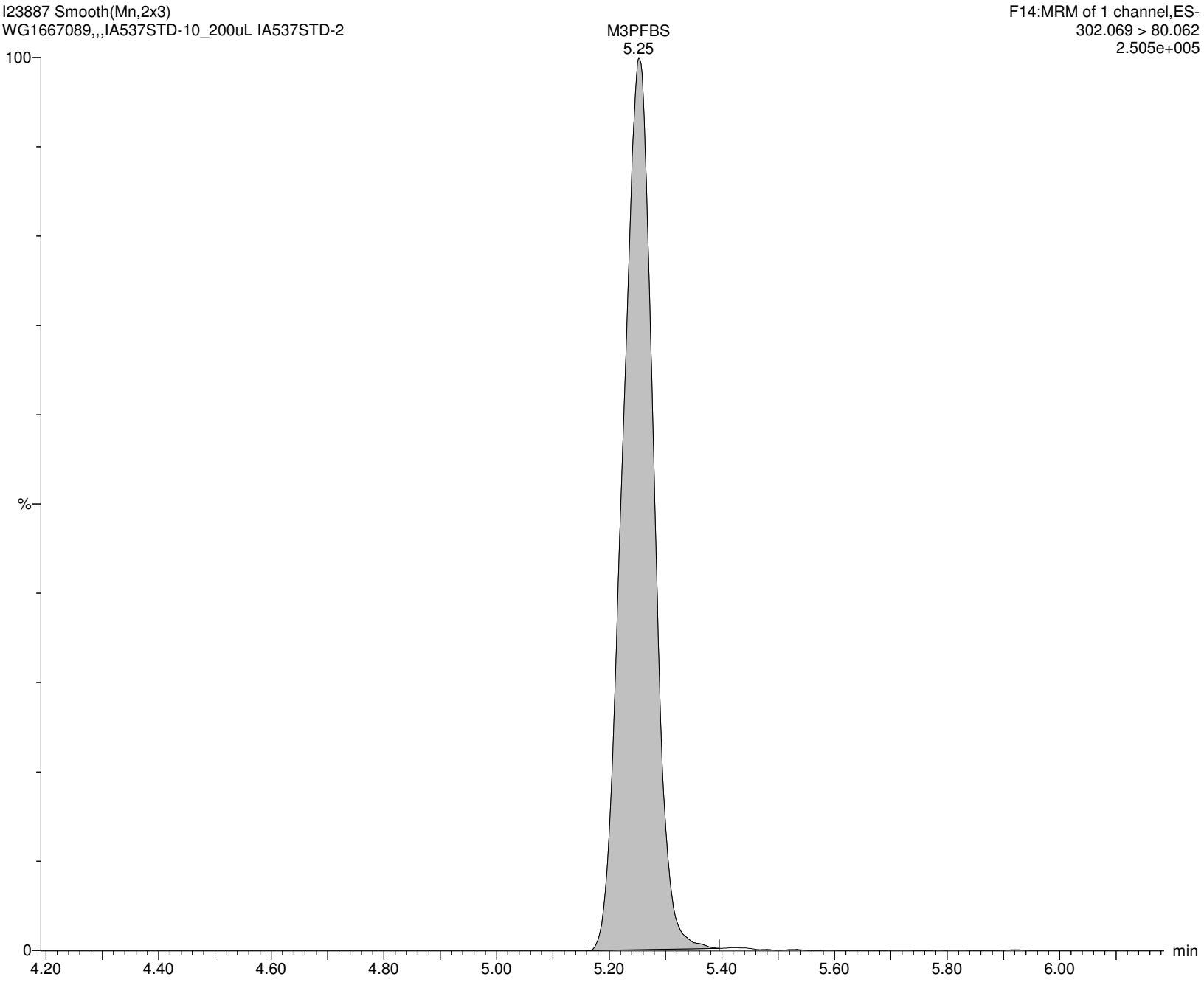


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M3PFBS

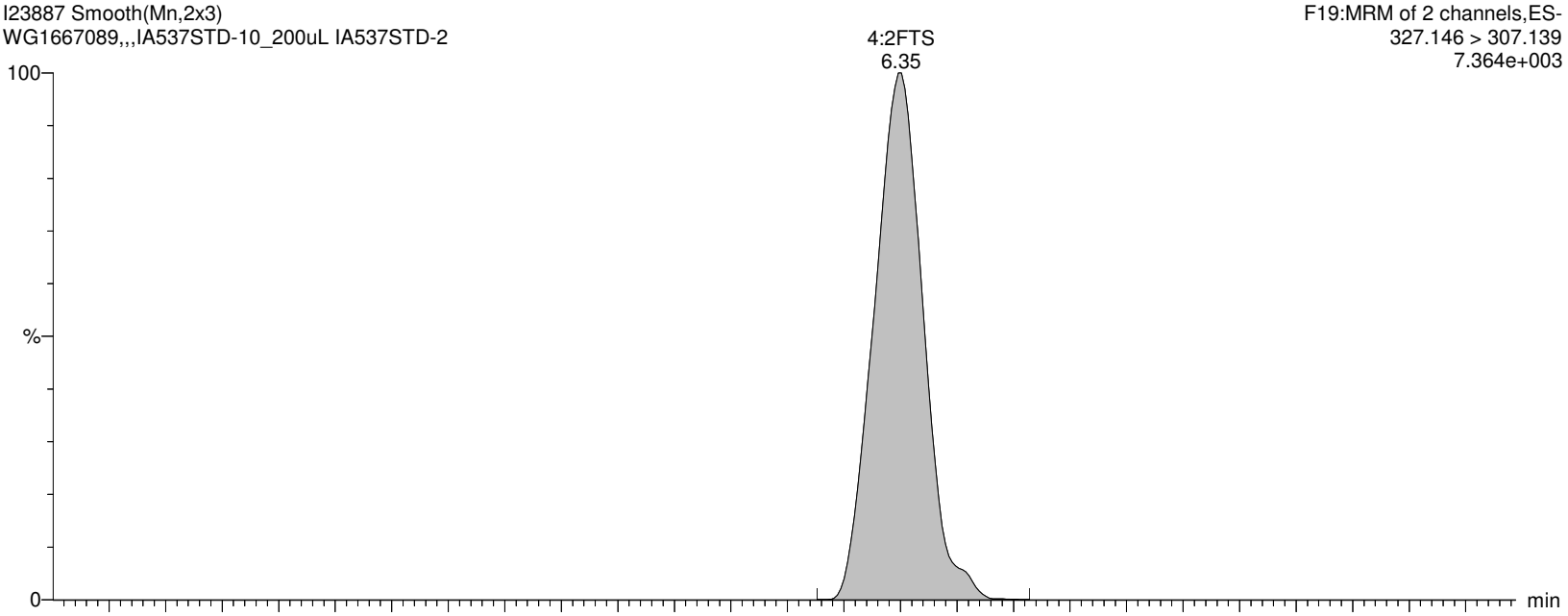


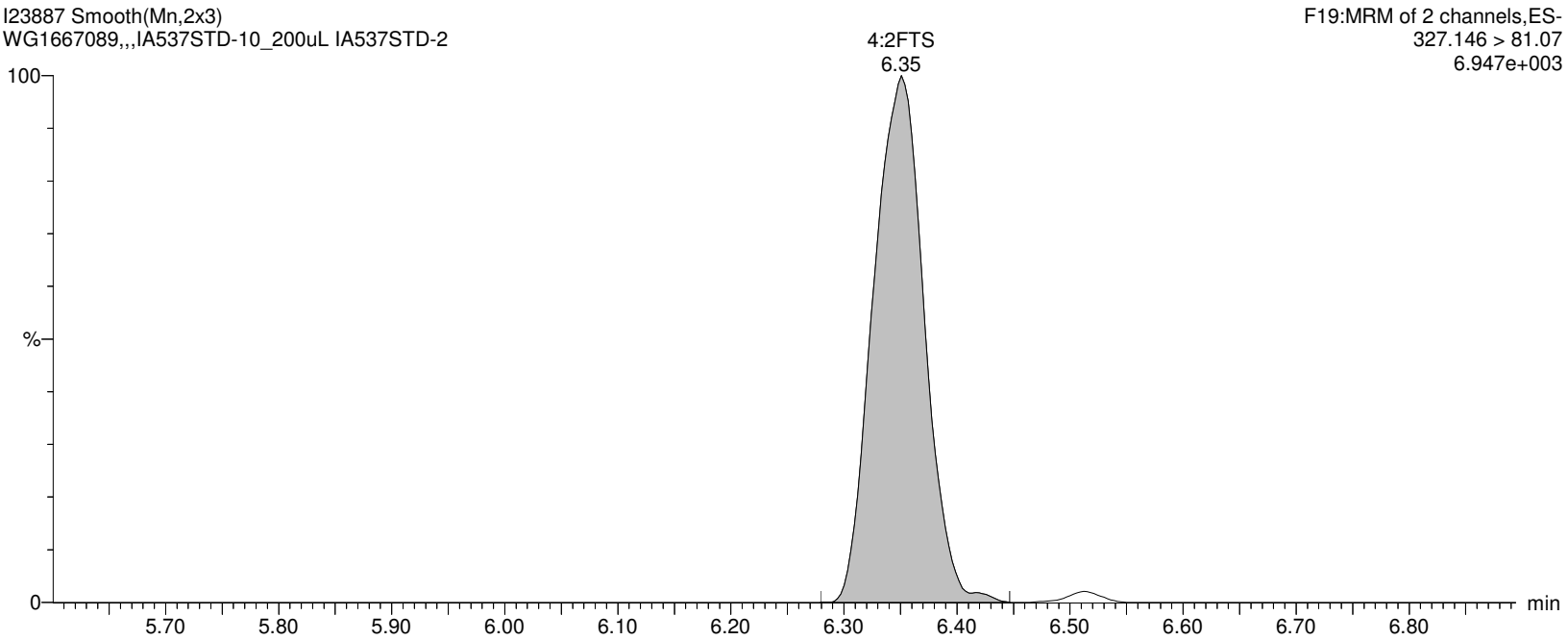
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

4:2FTS



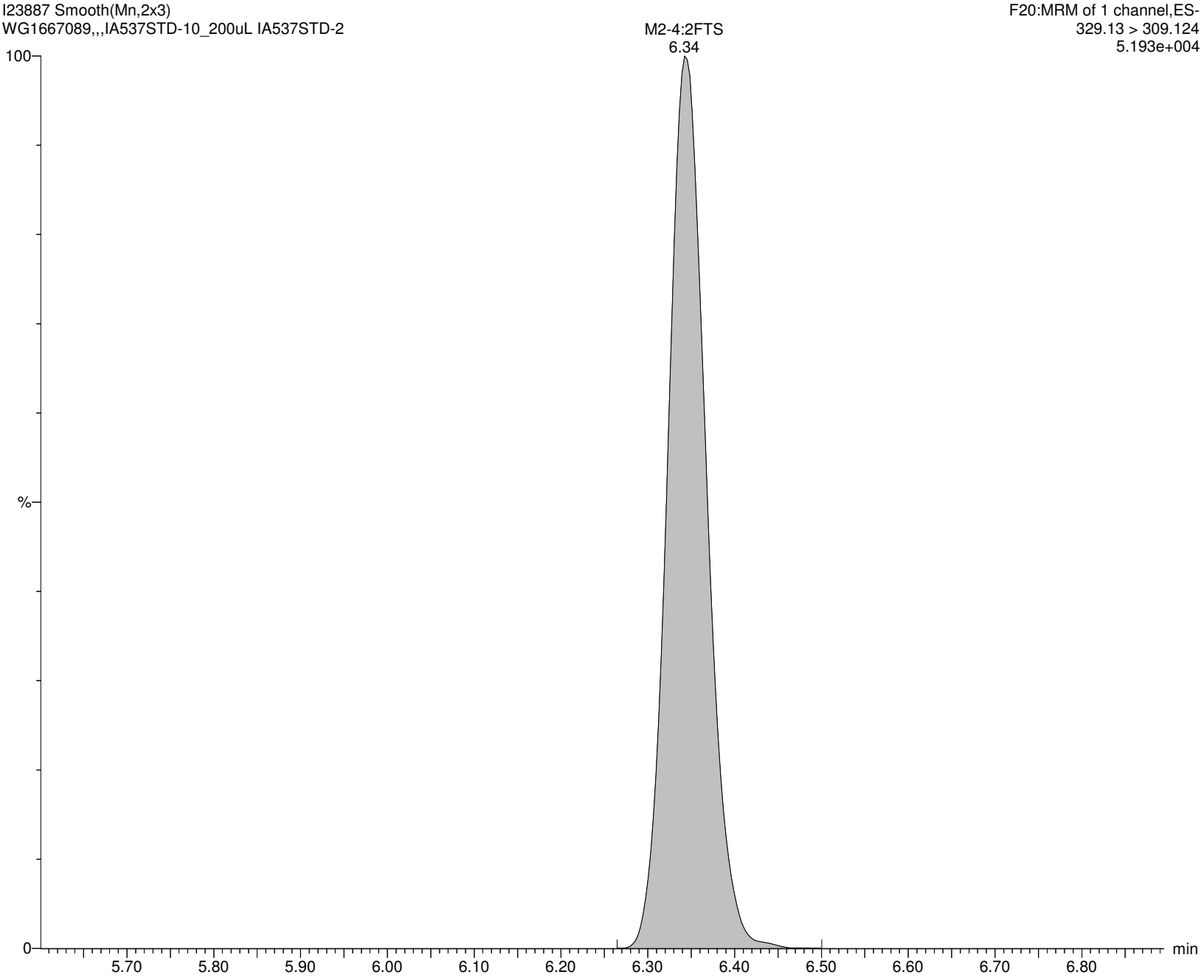


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2-4:2FTS

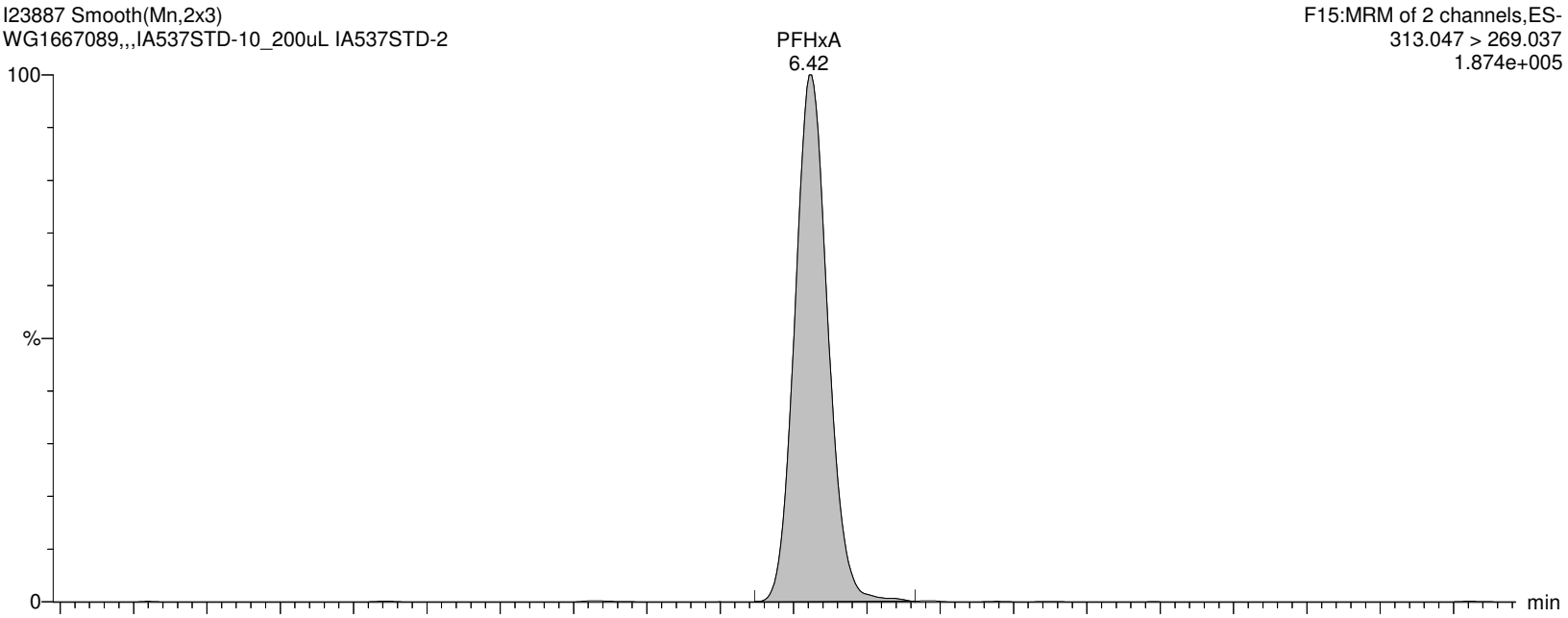


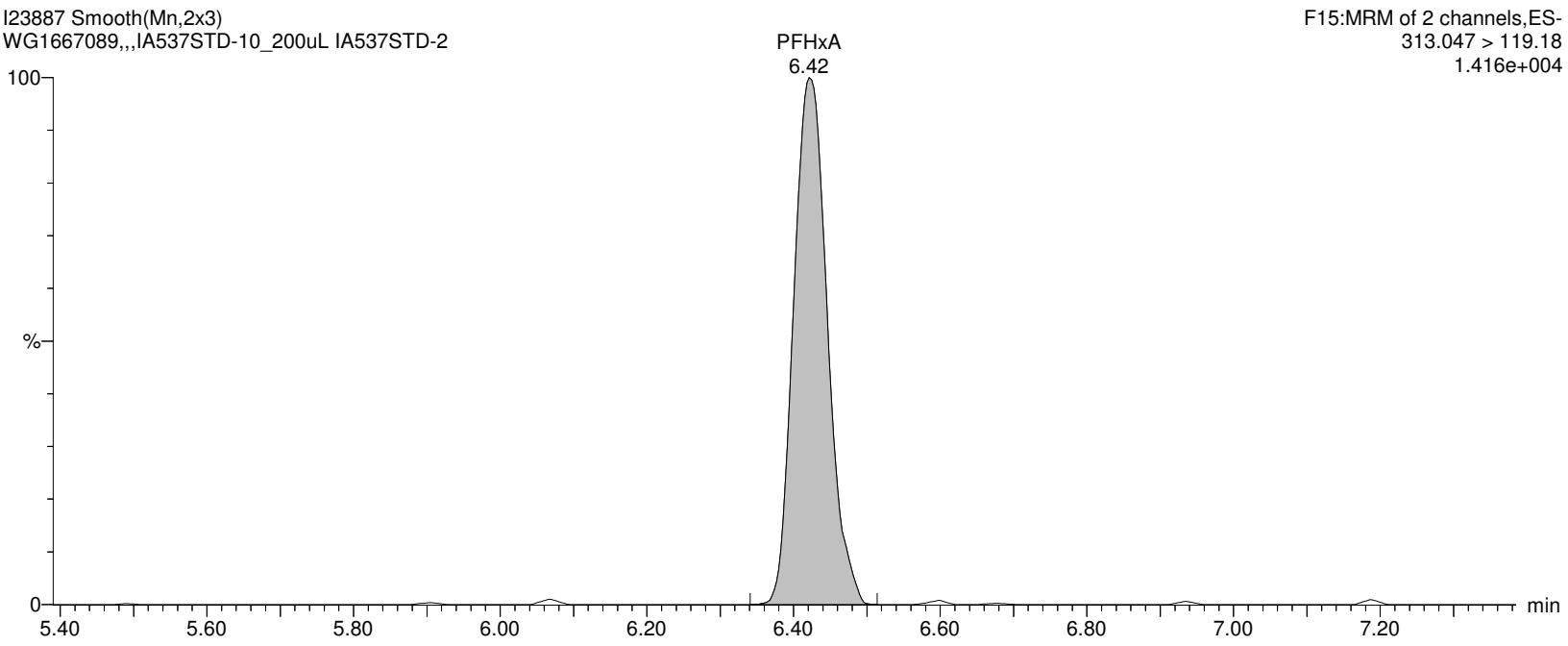
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFHxA



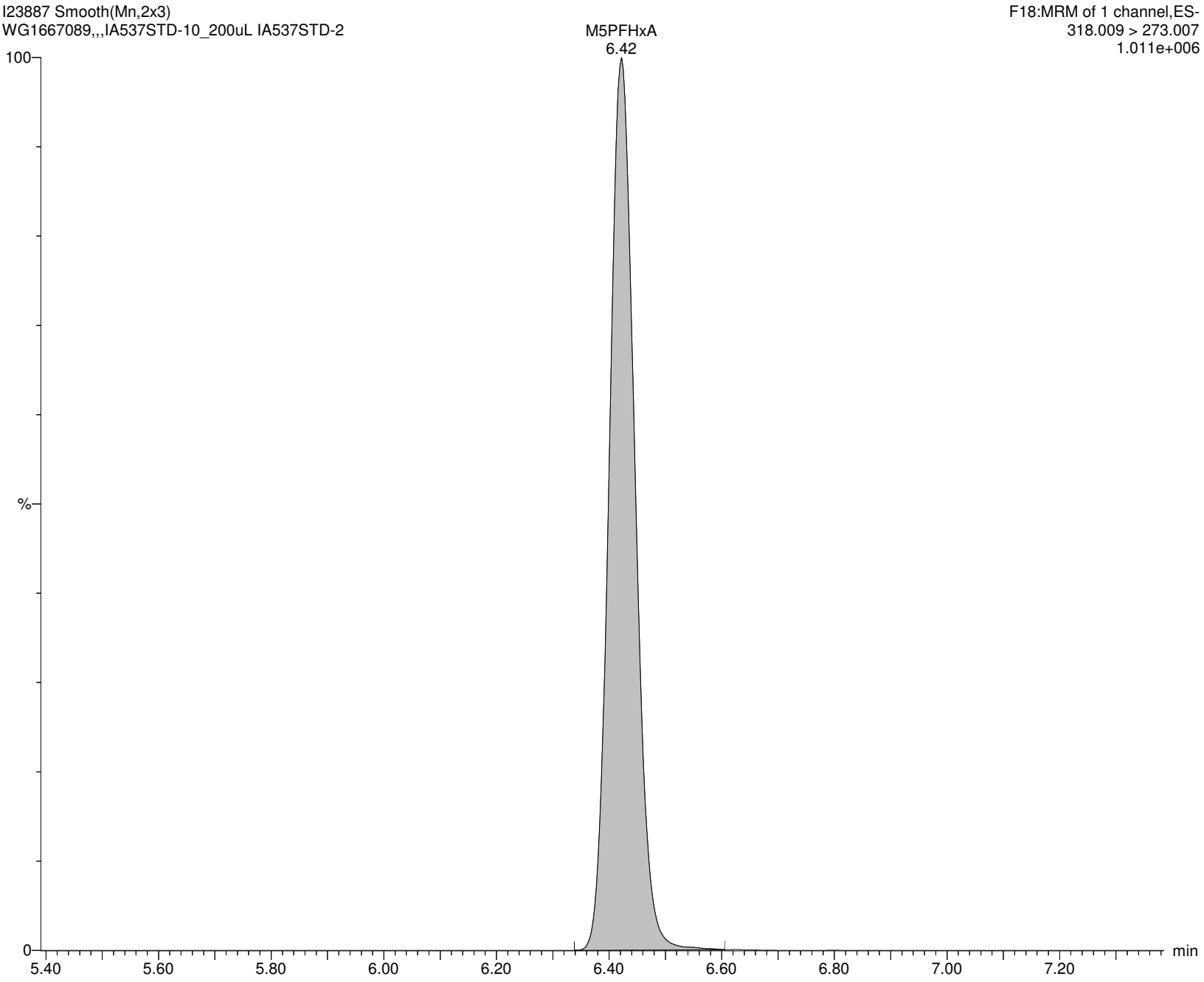


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M5PFHxA

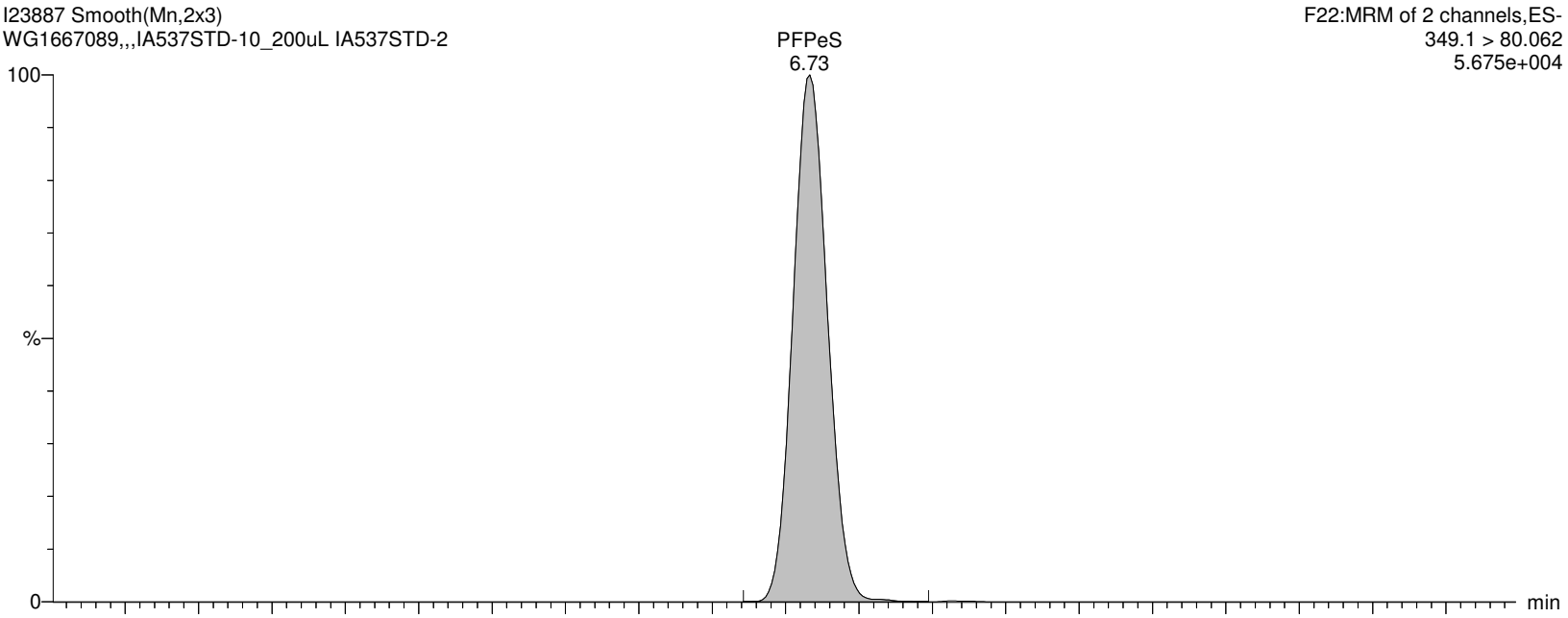


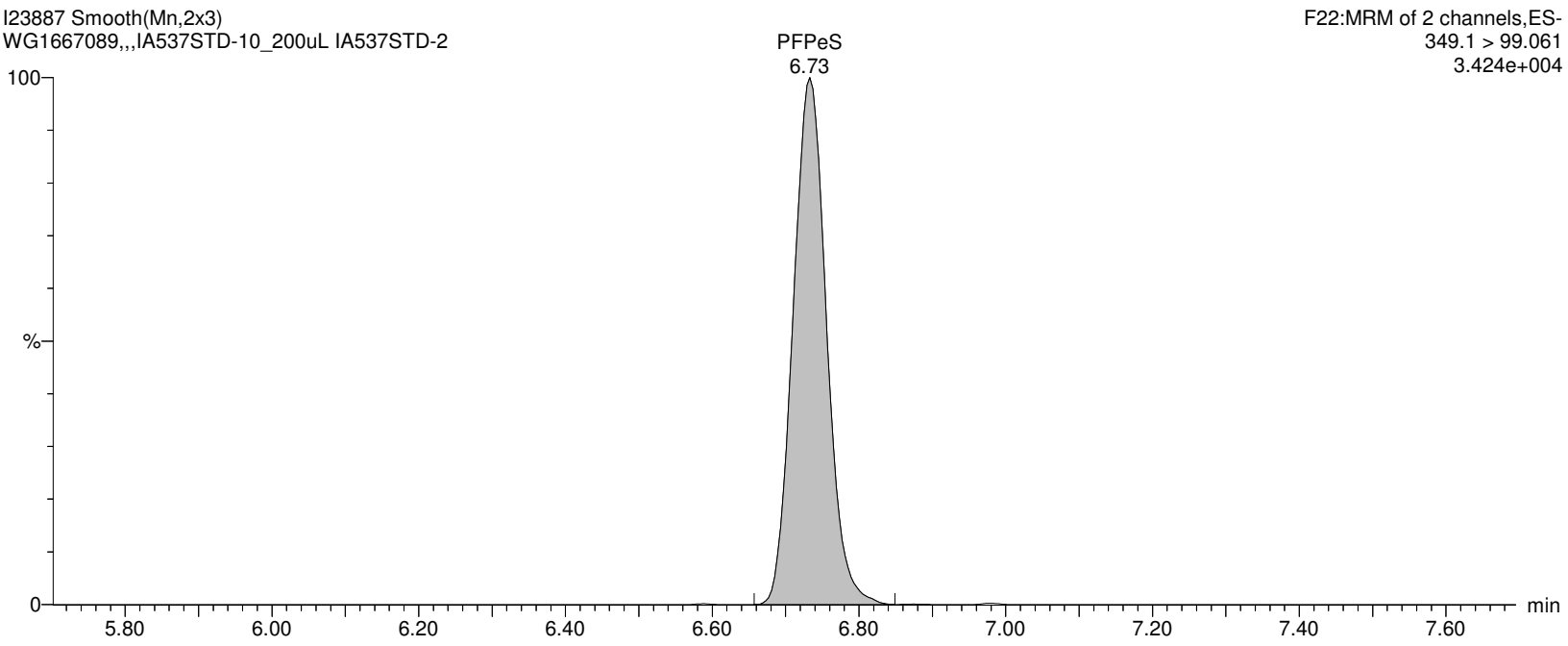
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFPeS



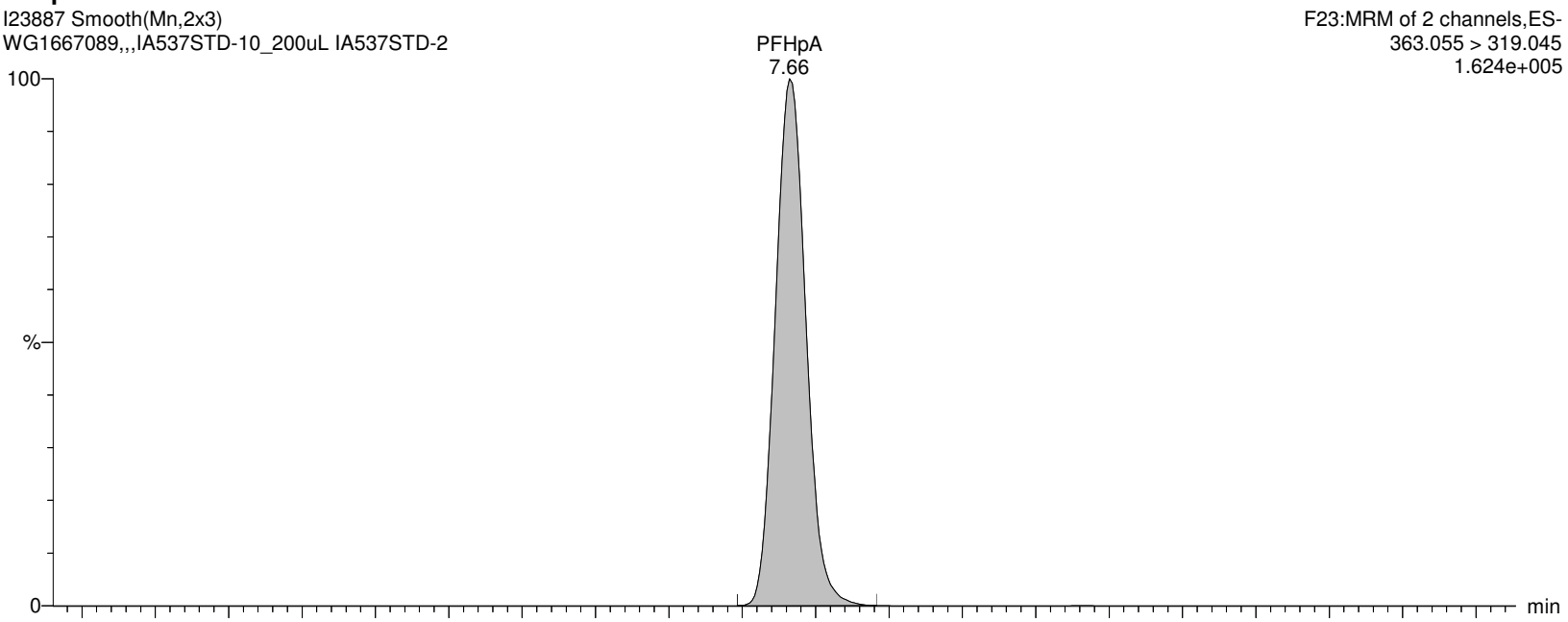


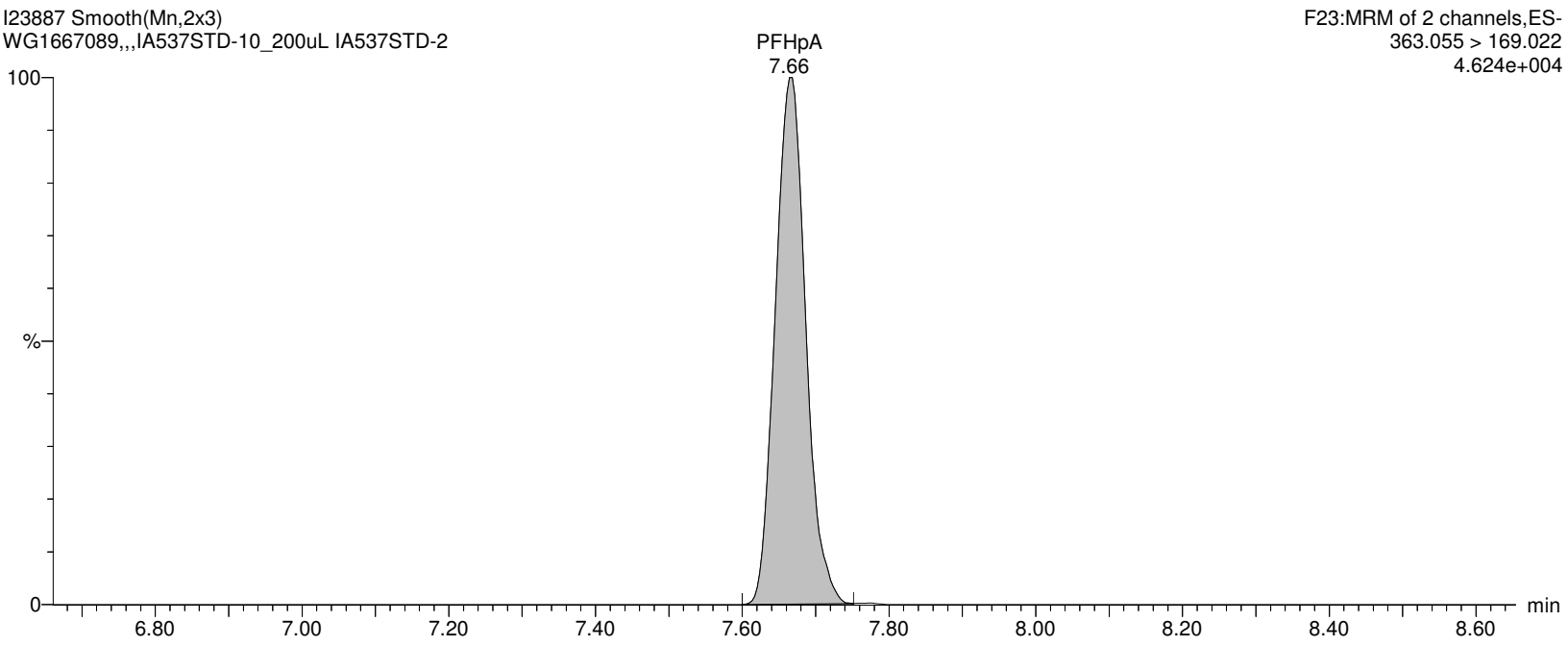
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFHpA



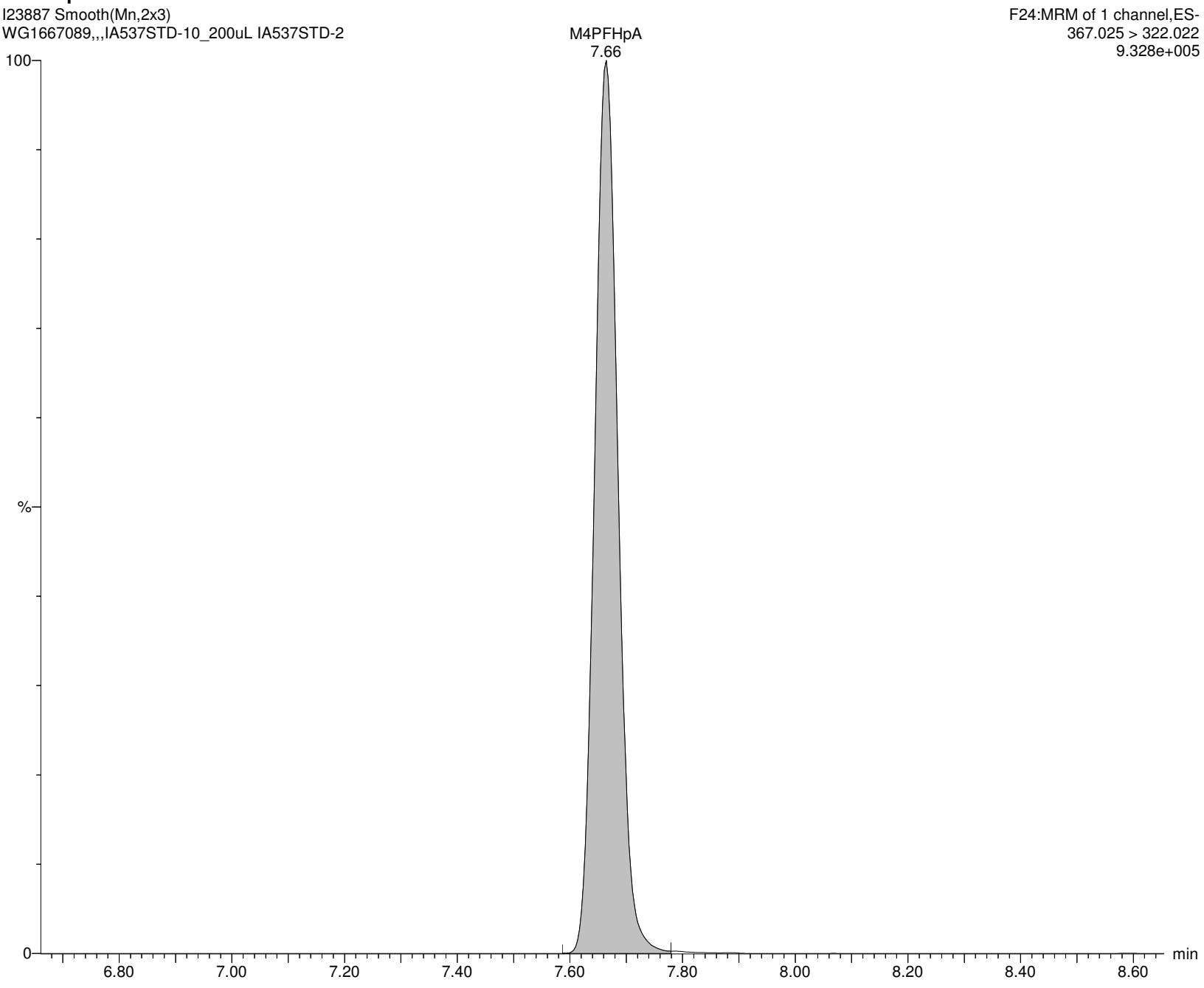


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M4PFHpA

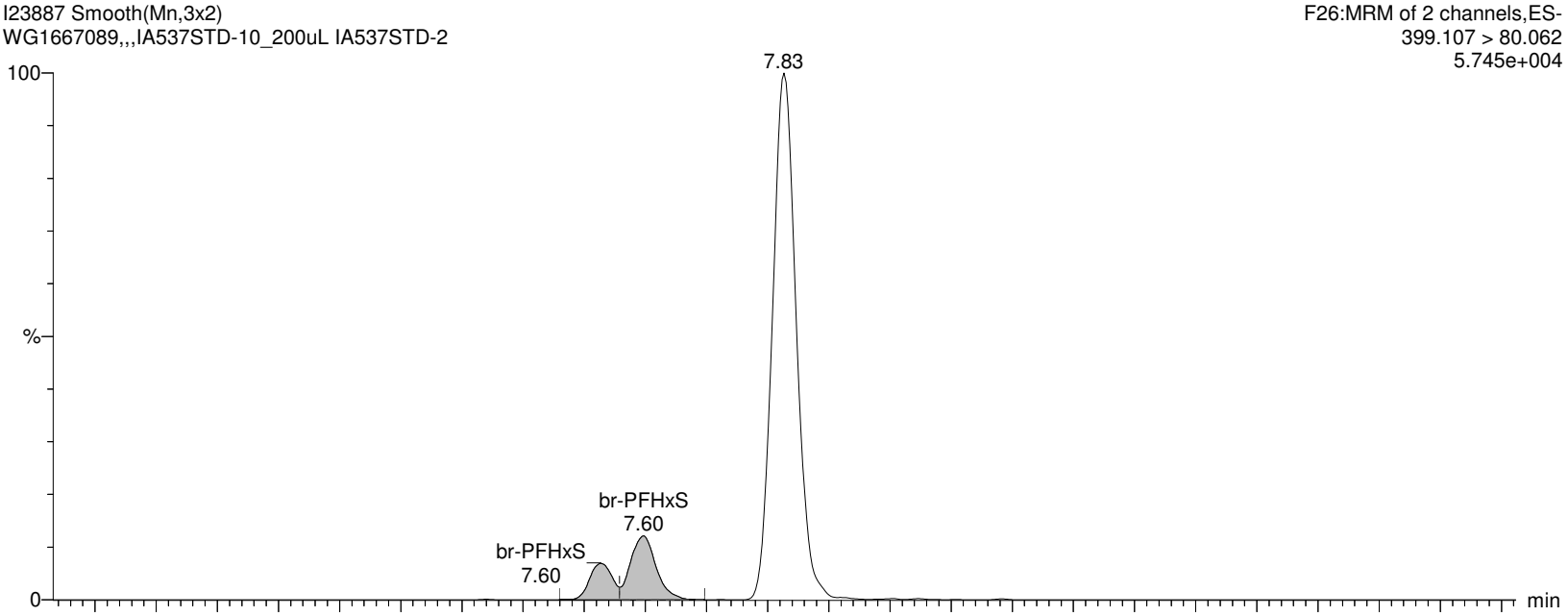


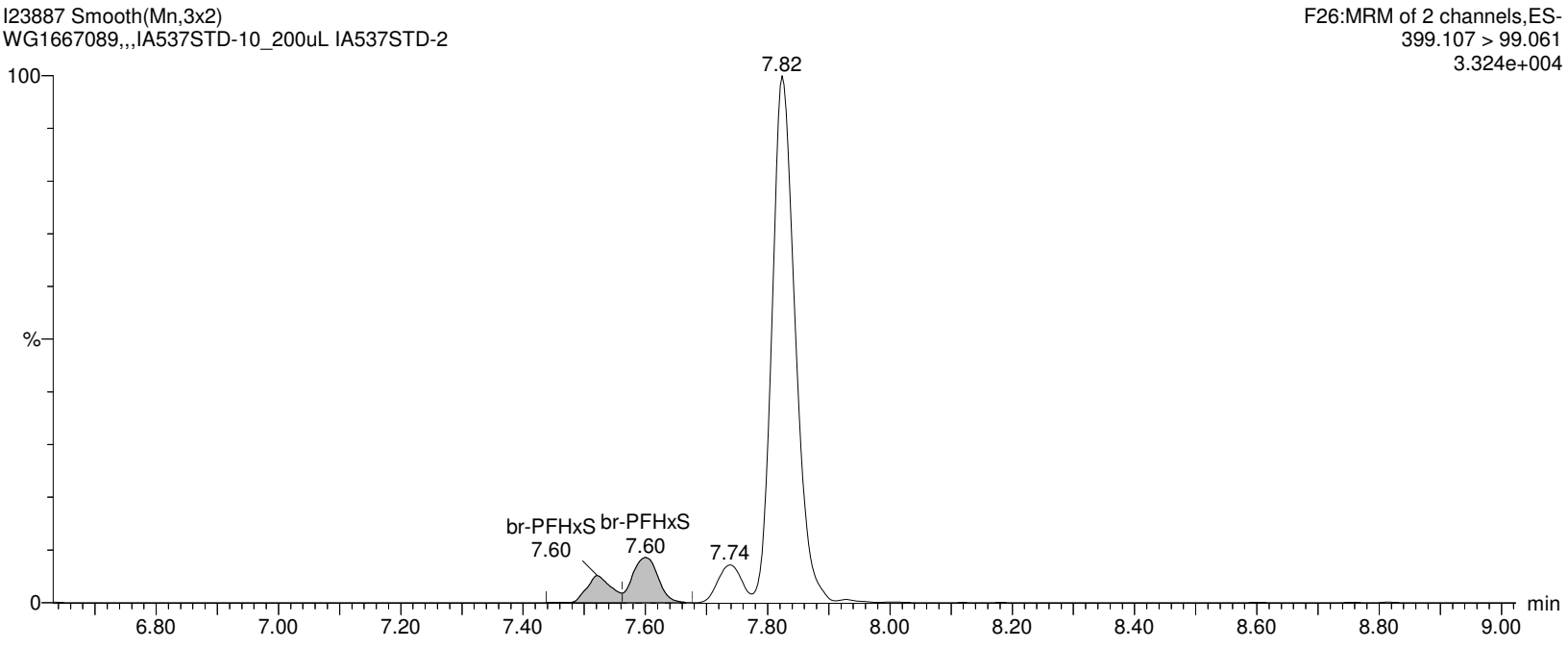
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

br-PFHxS



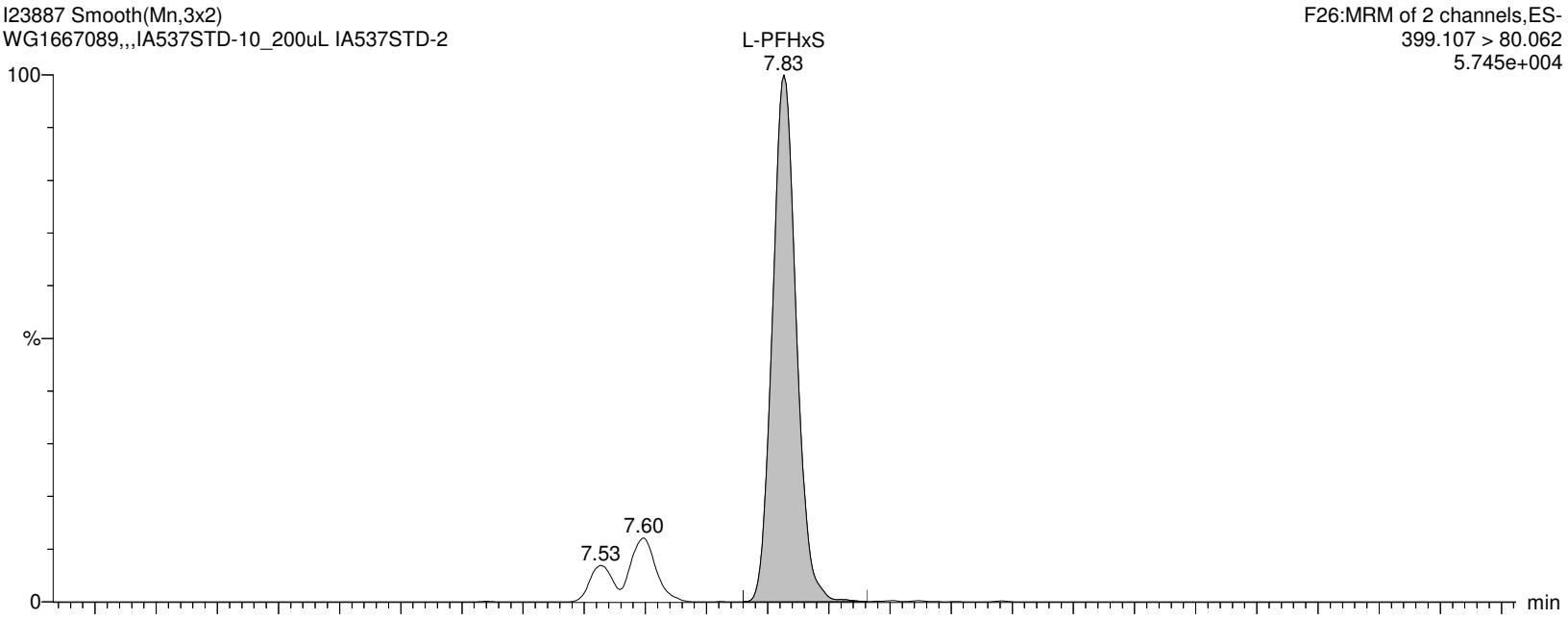


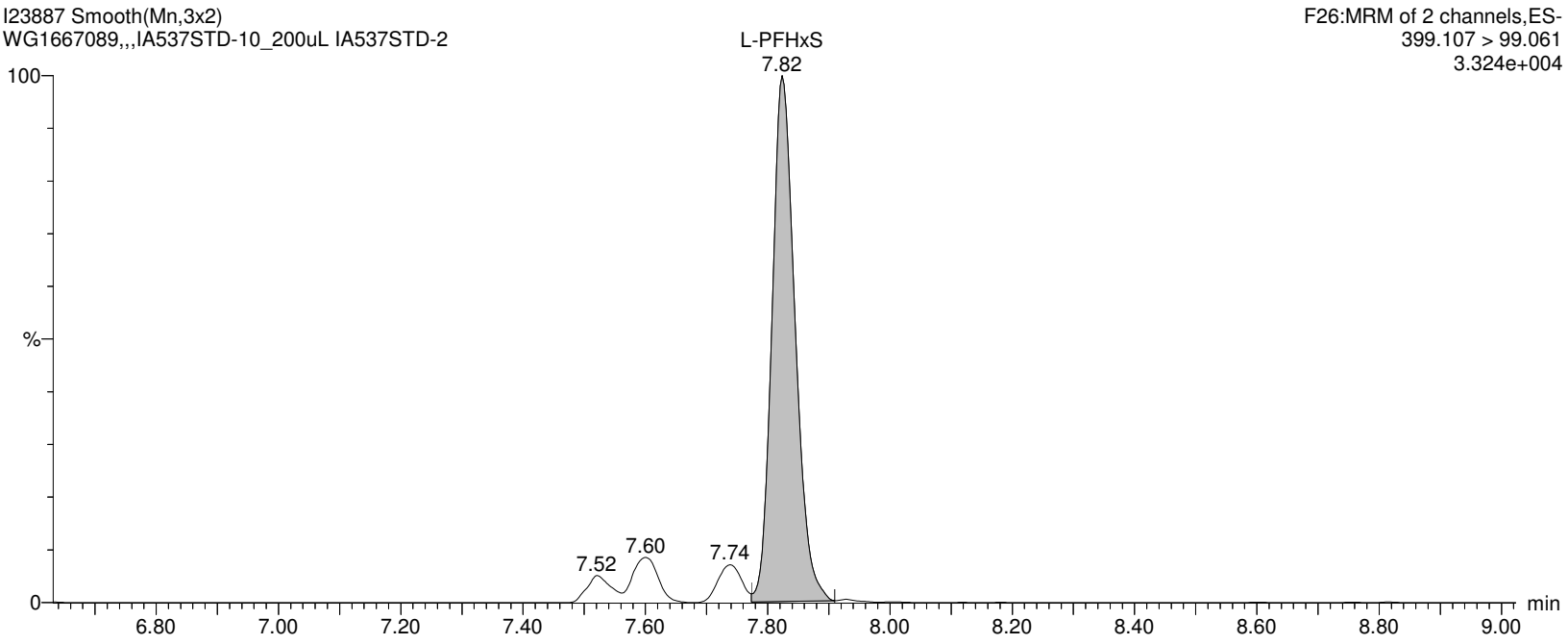
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

L-PFHxS



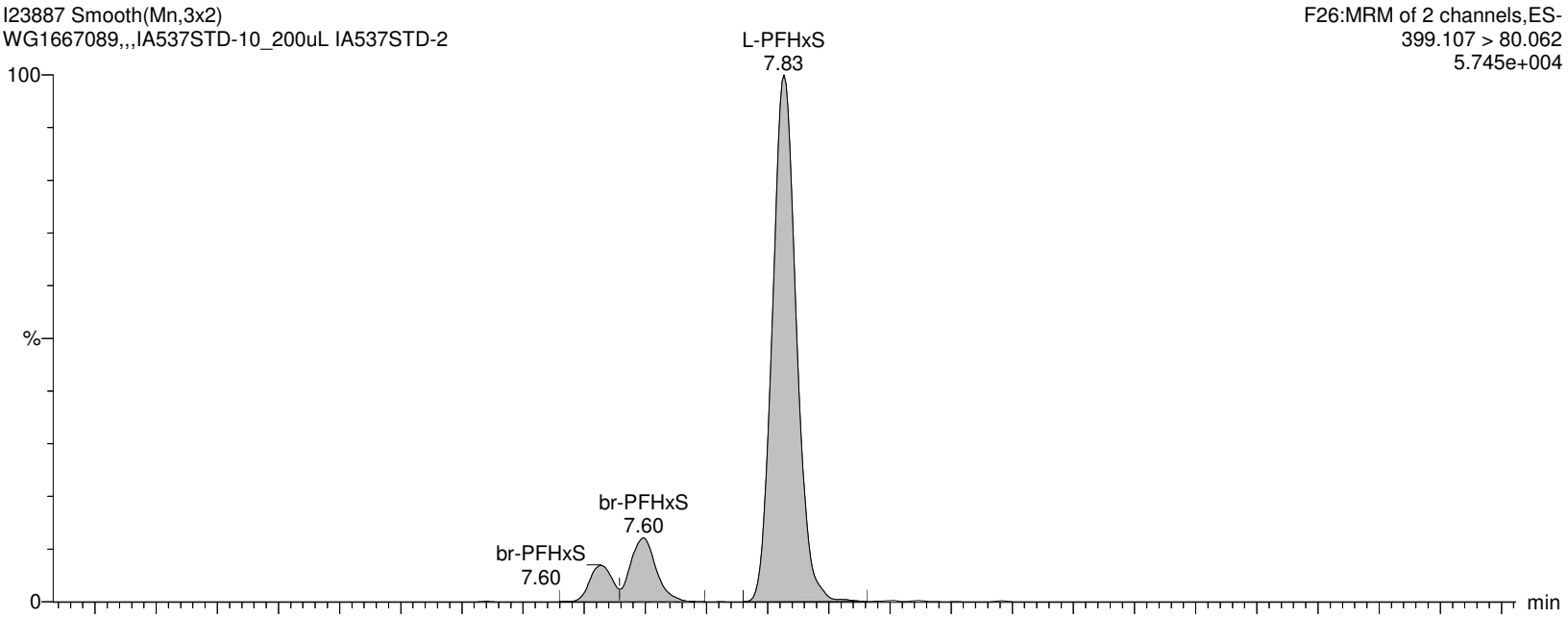


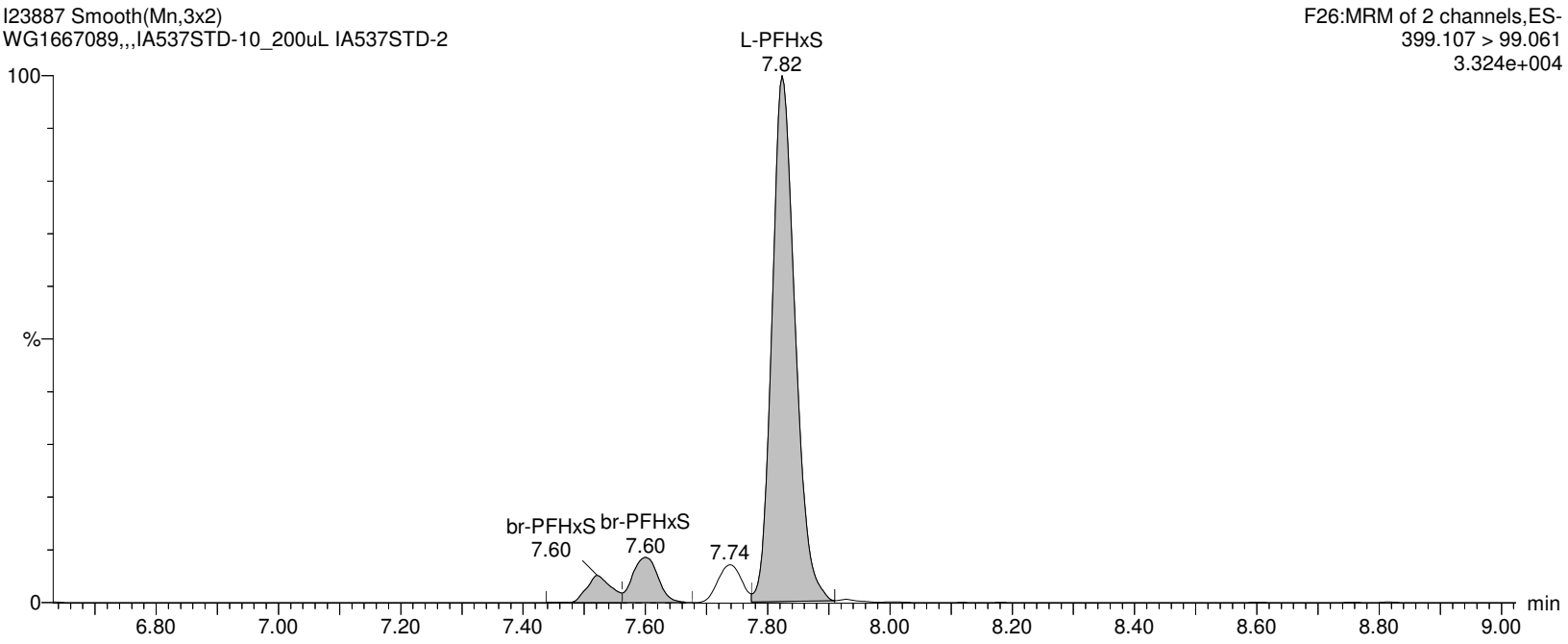
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFHxS



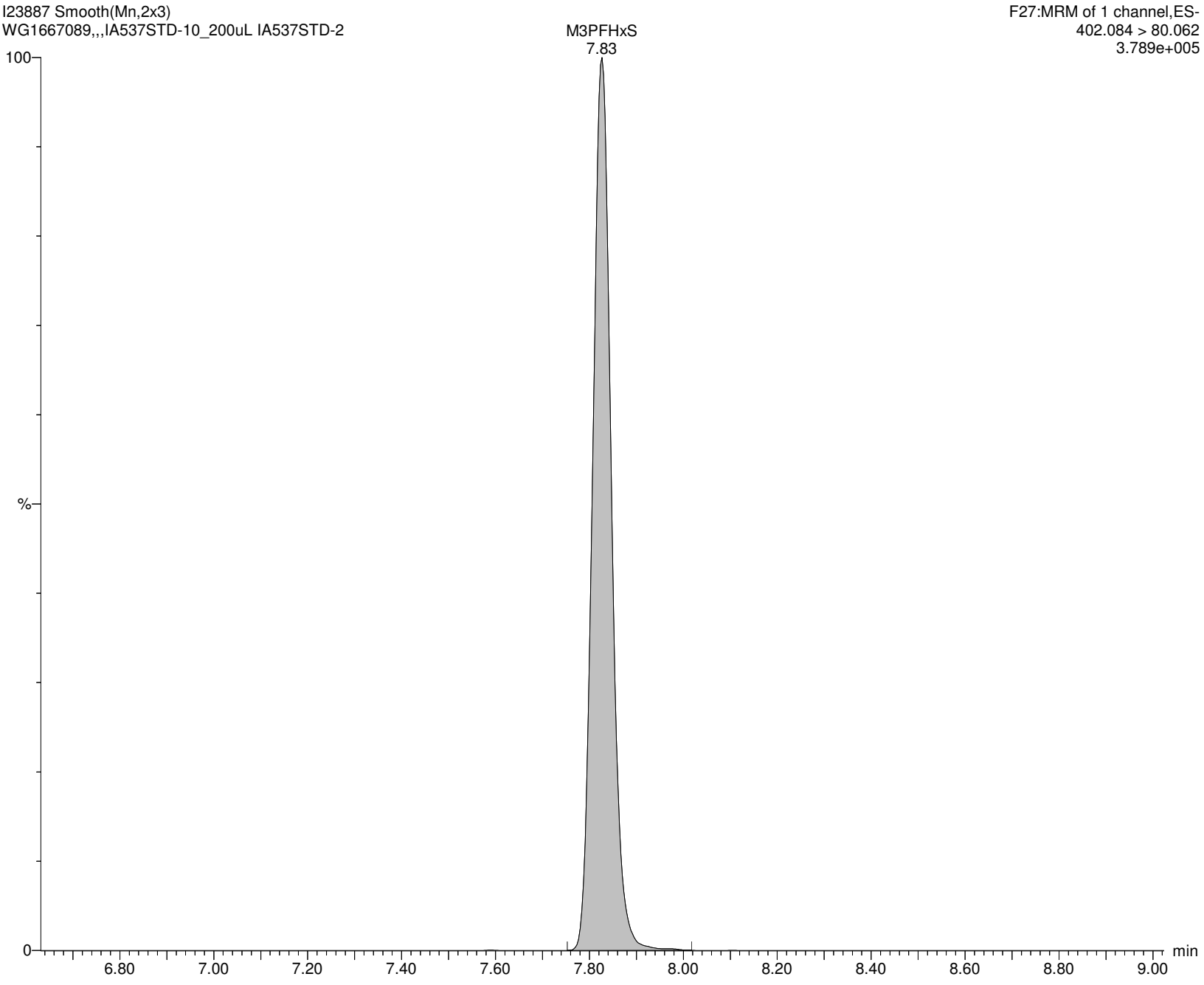


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M3PFHxS

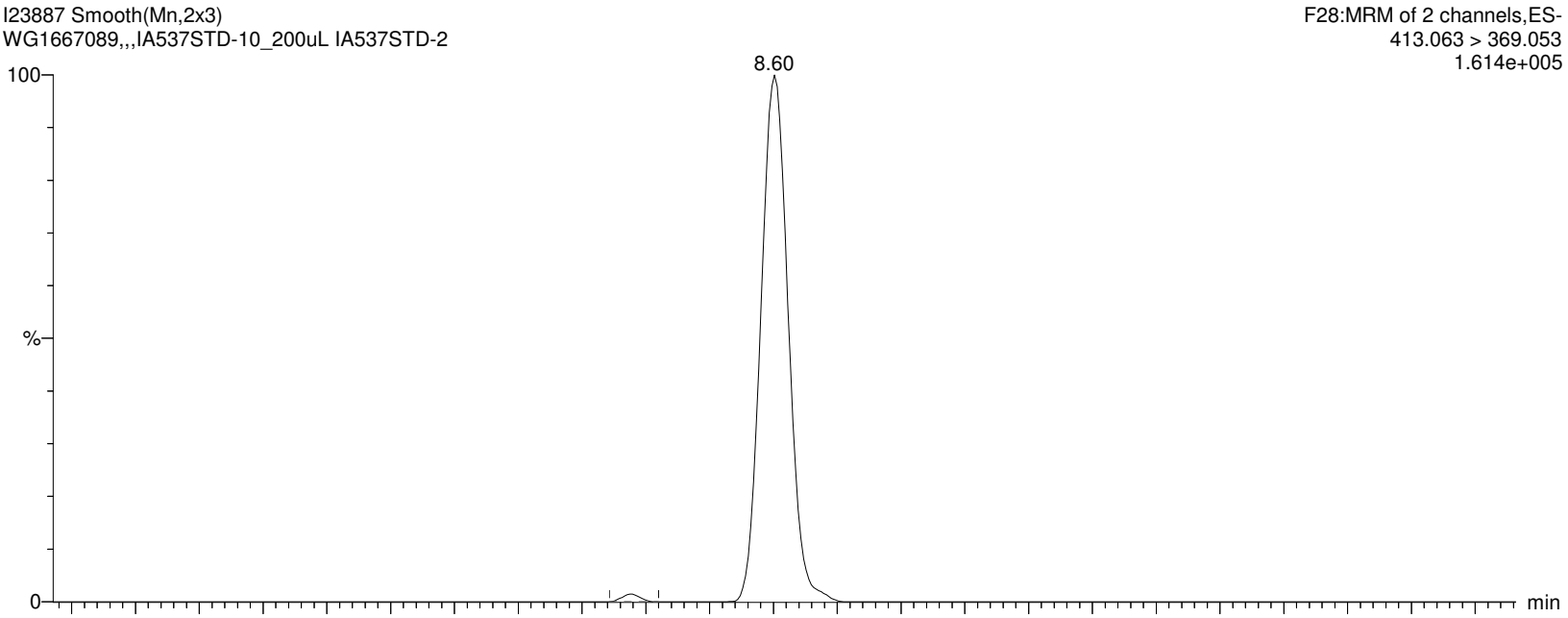


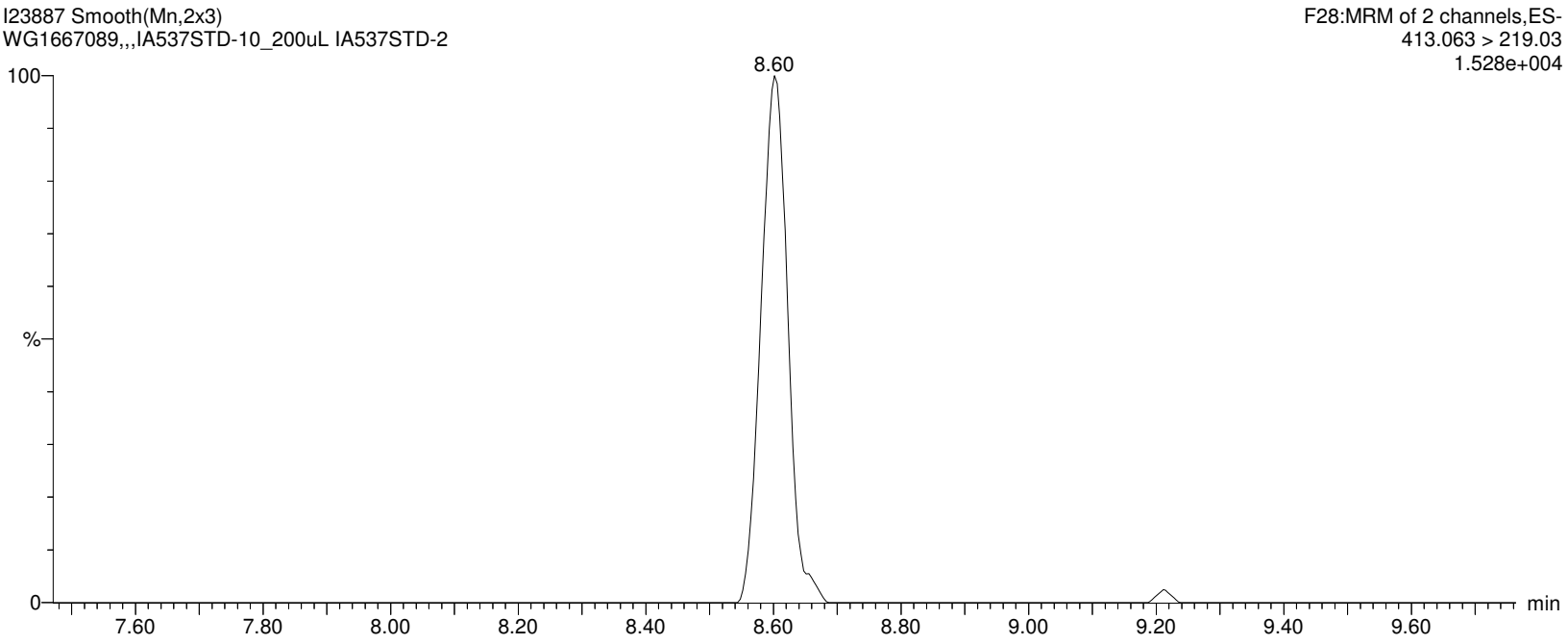
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

br-PFOA



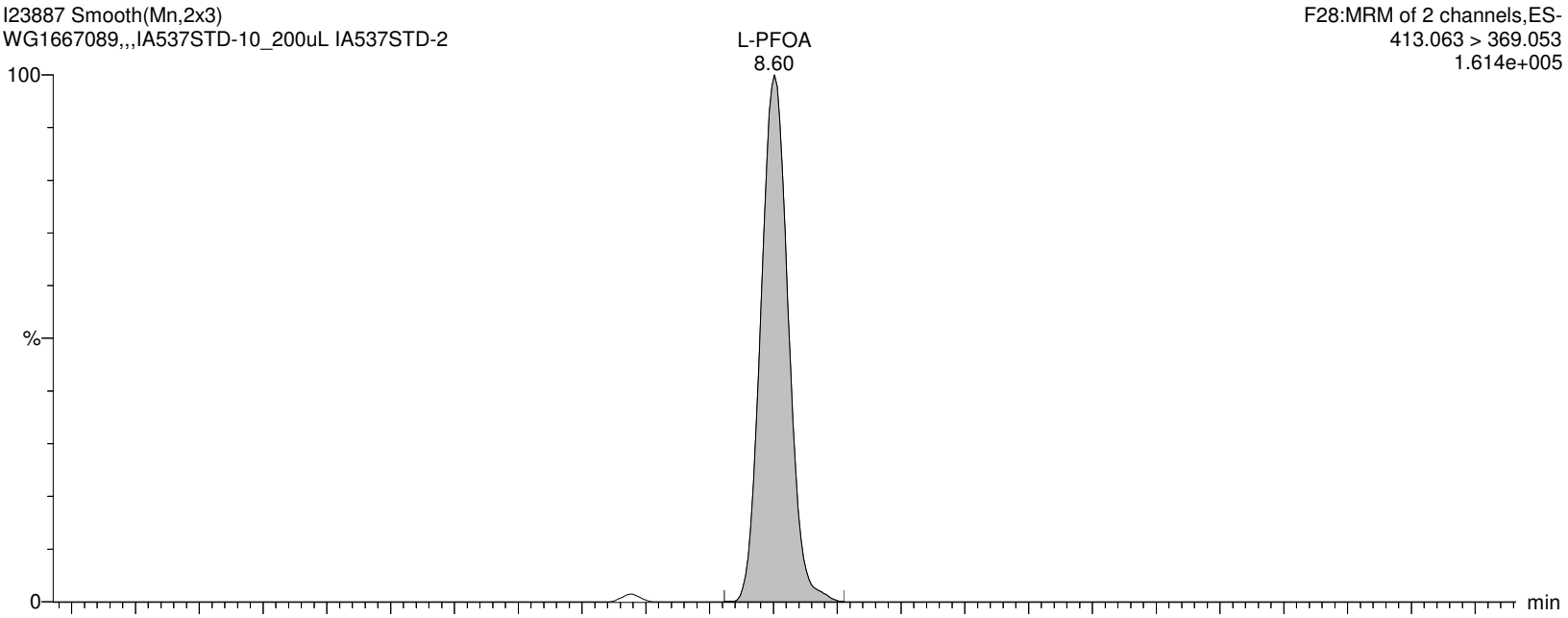


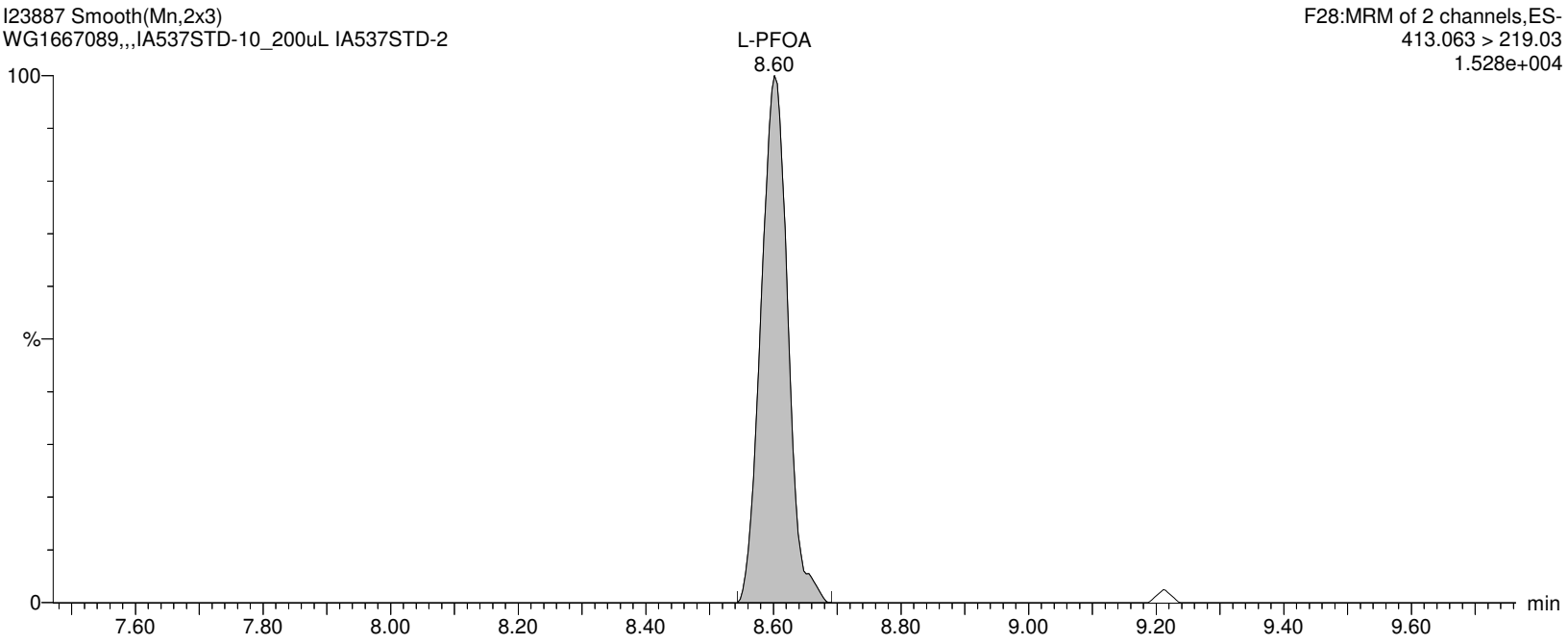
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

L-PFOA



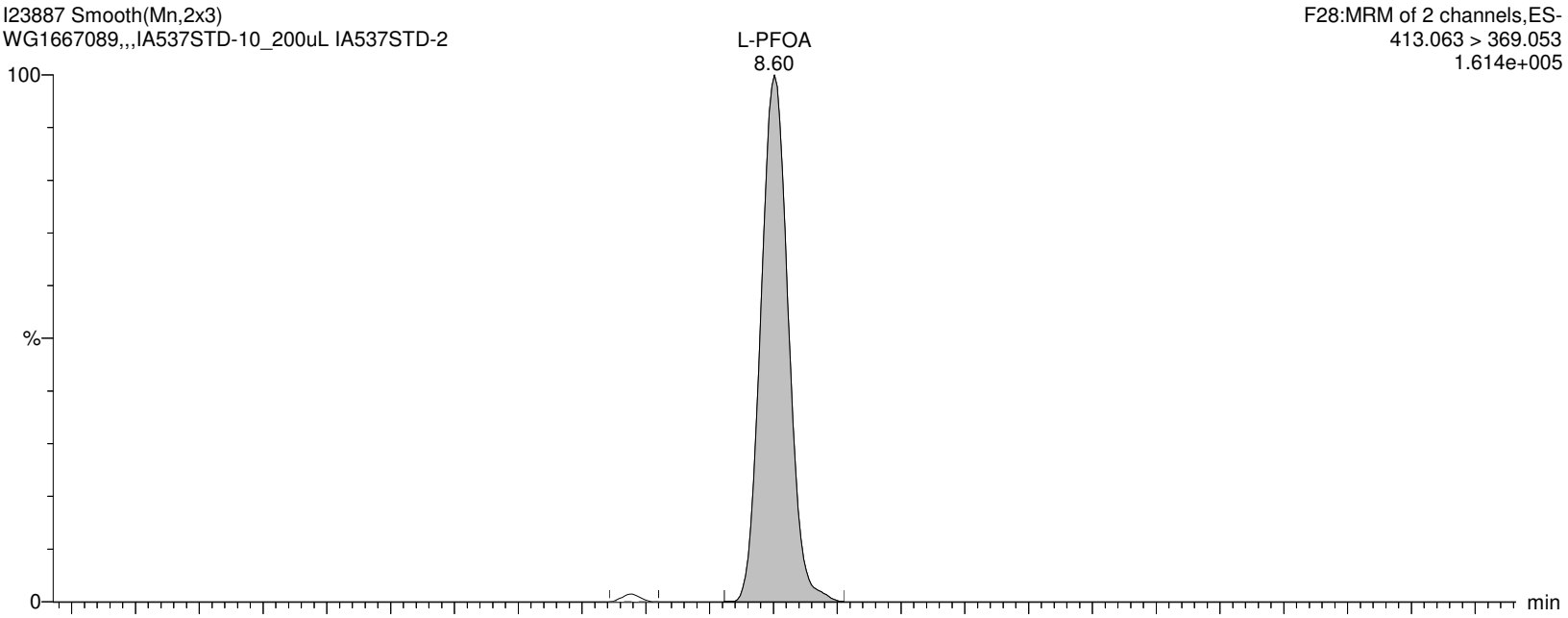


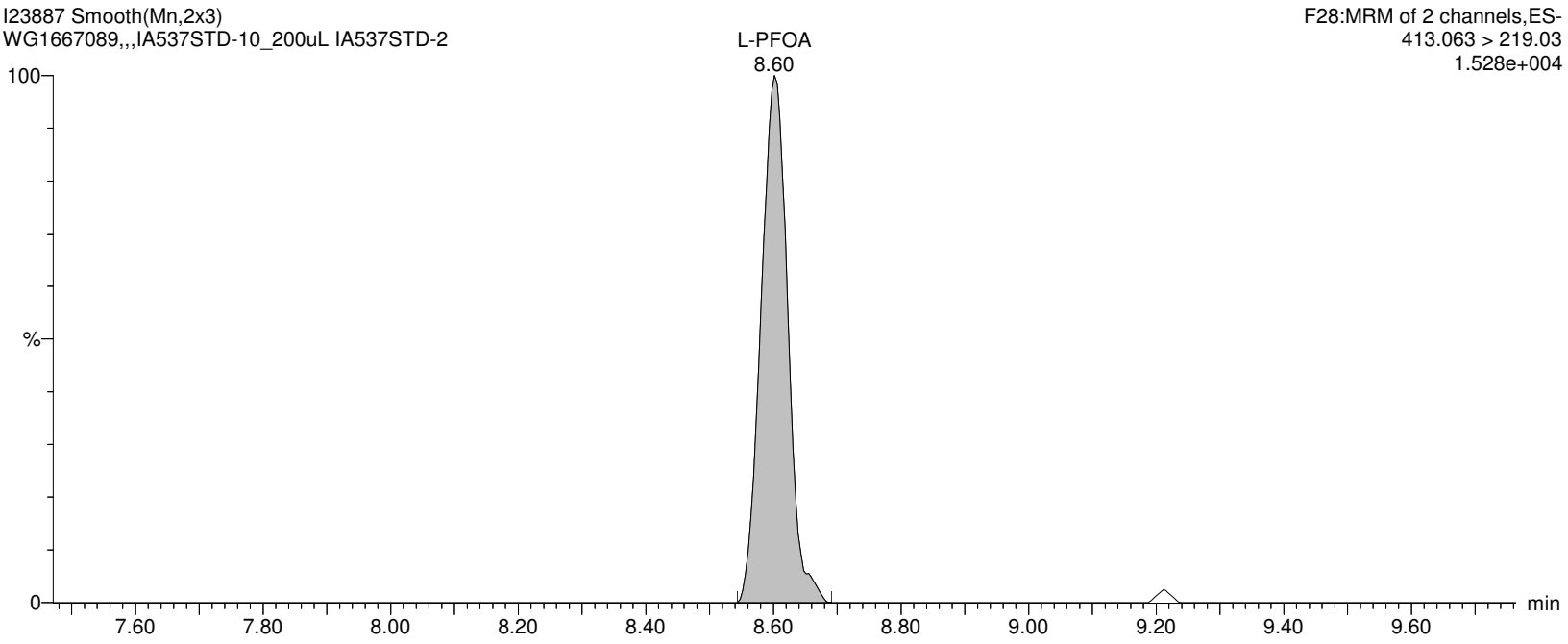
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFOA



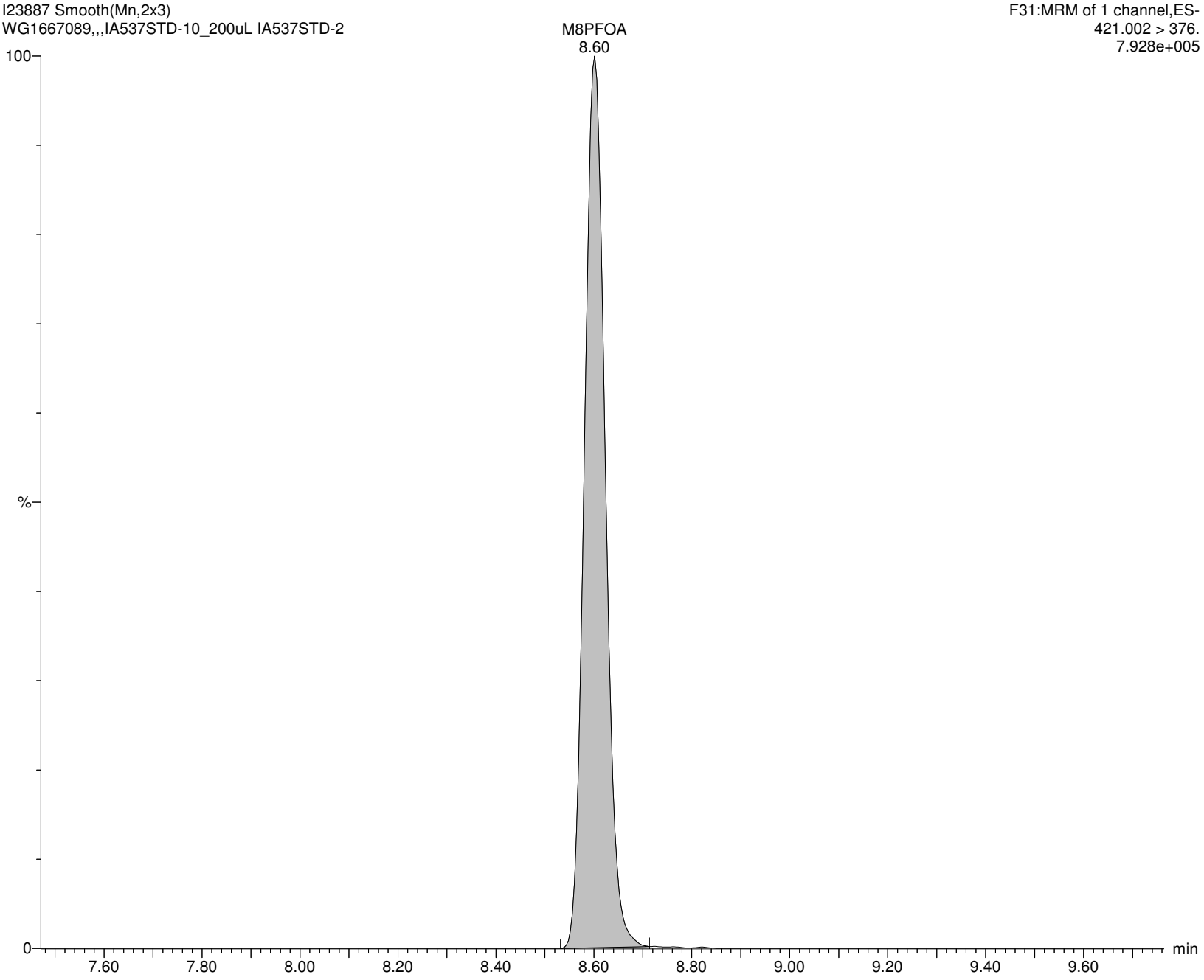


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M8PFOA

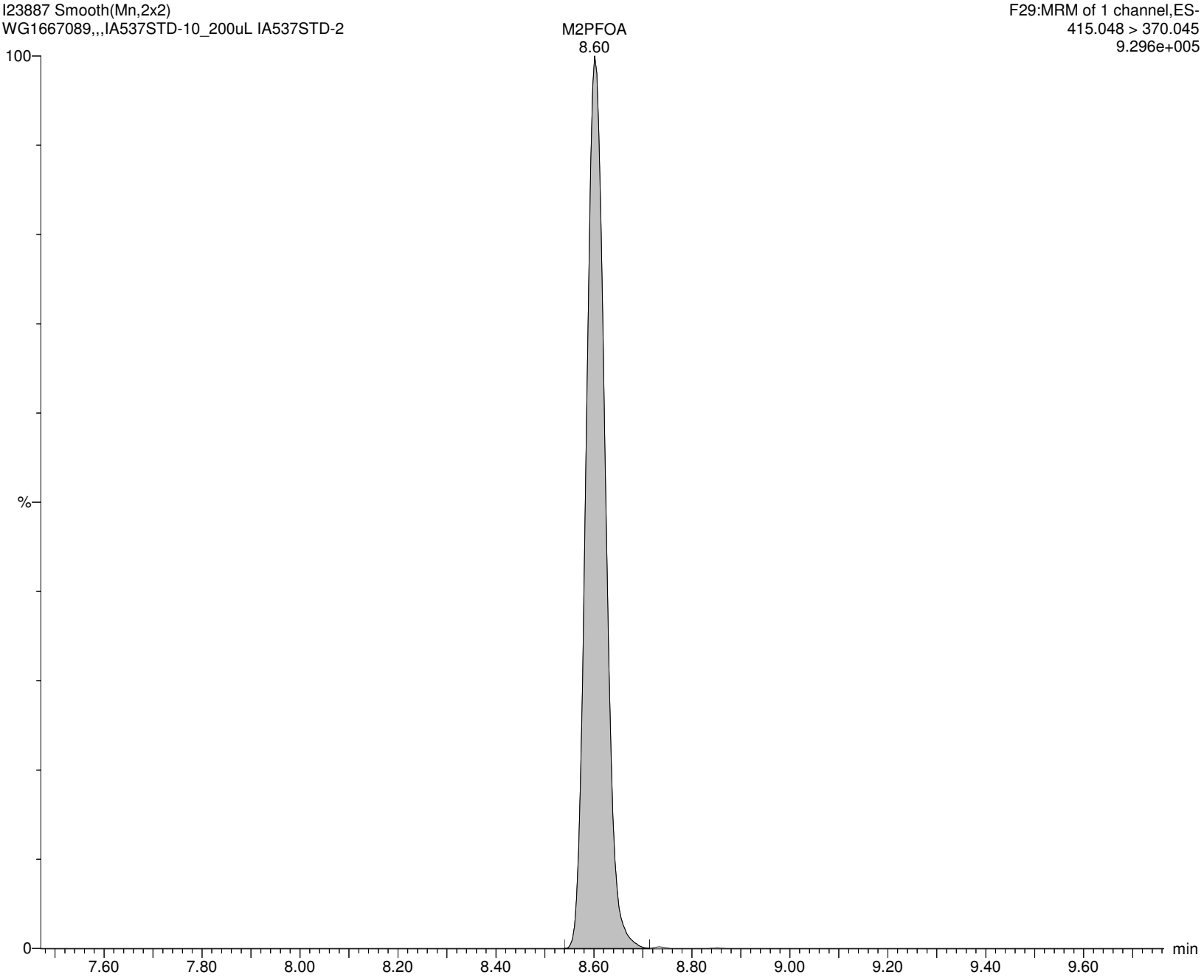


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2PFOA

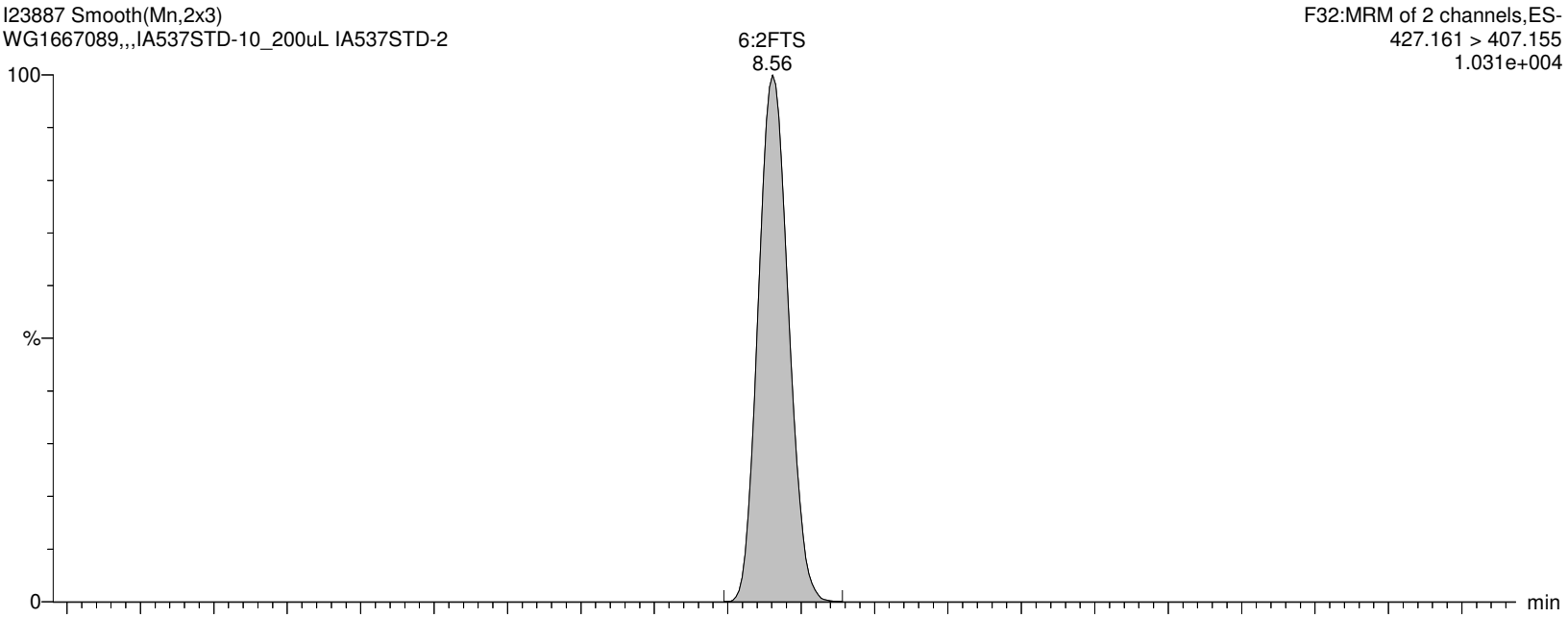


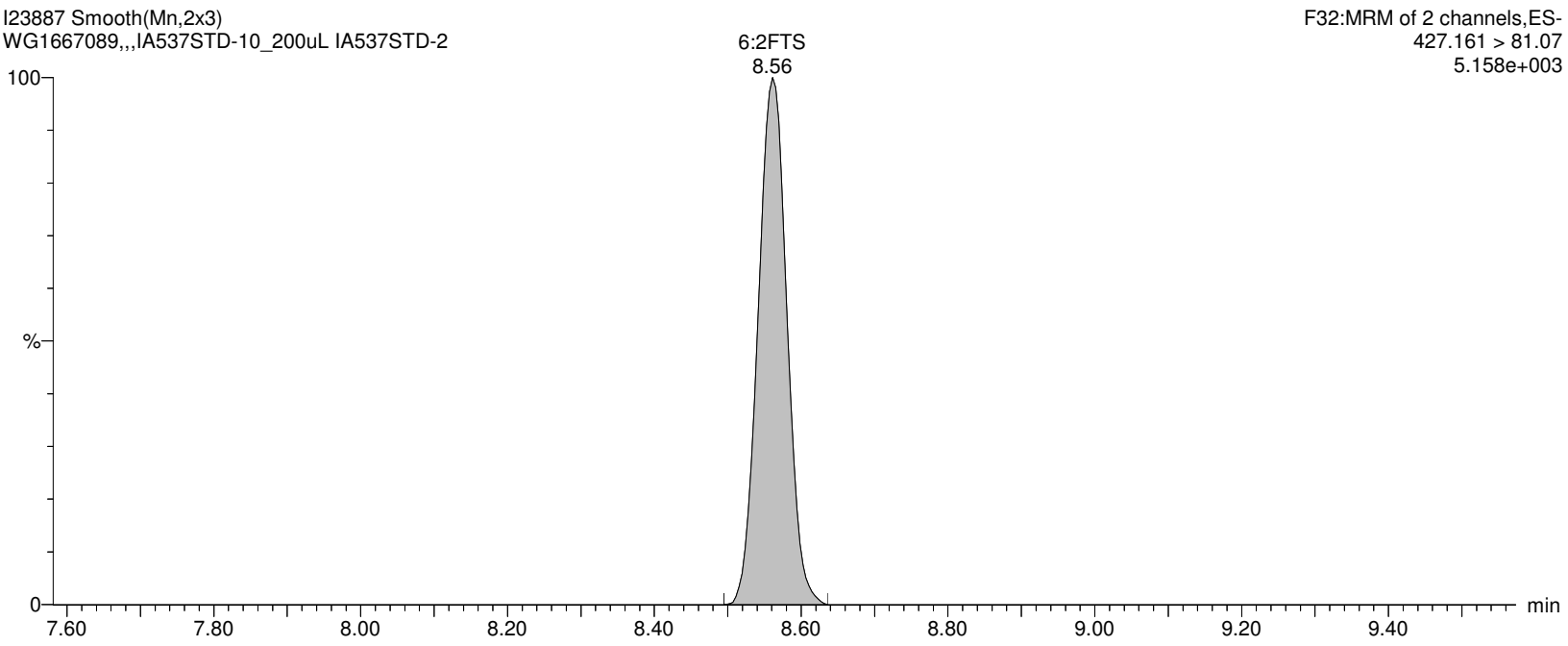
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

6:2FTS



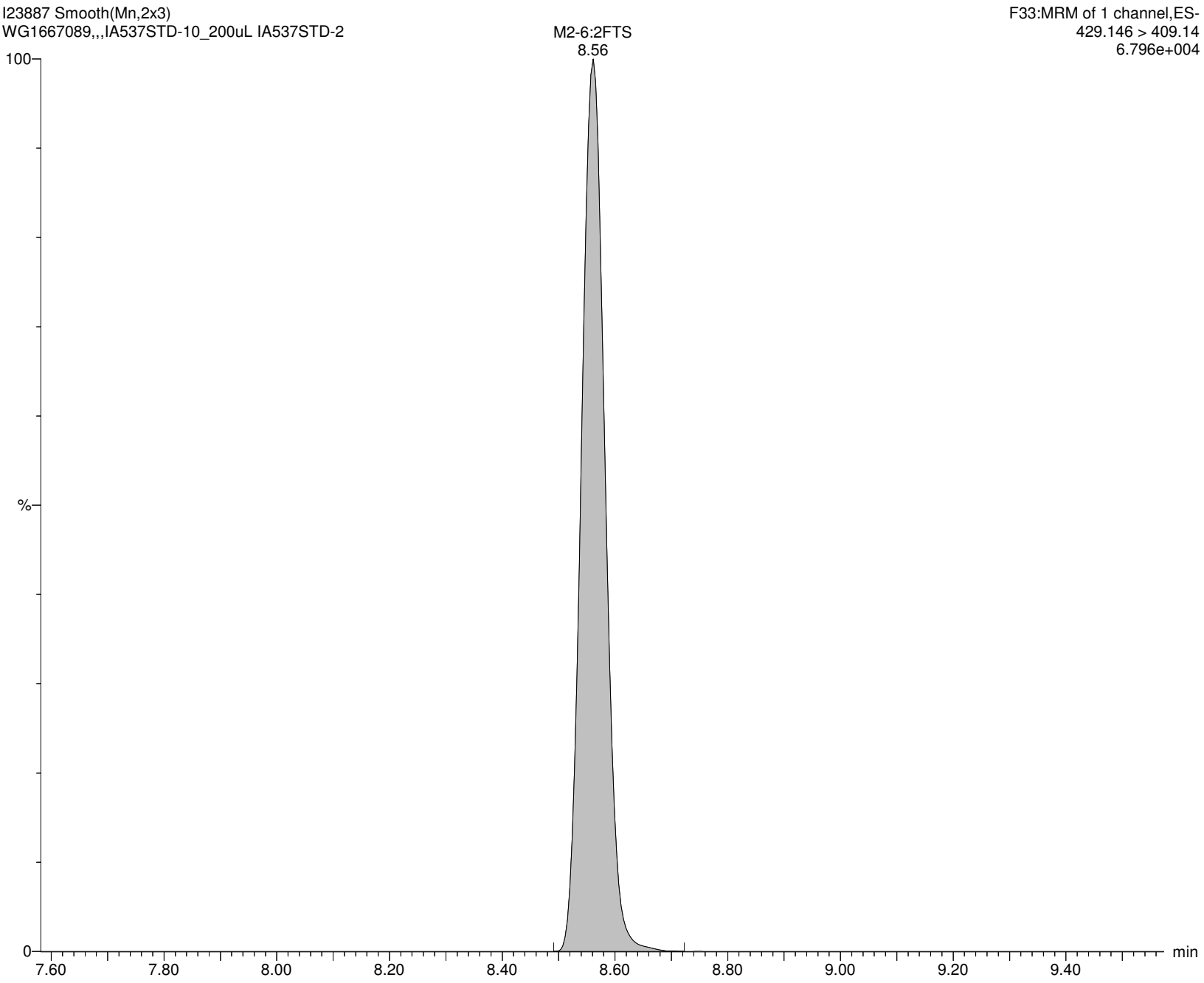


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2-6:2FTS

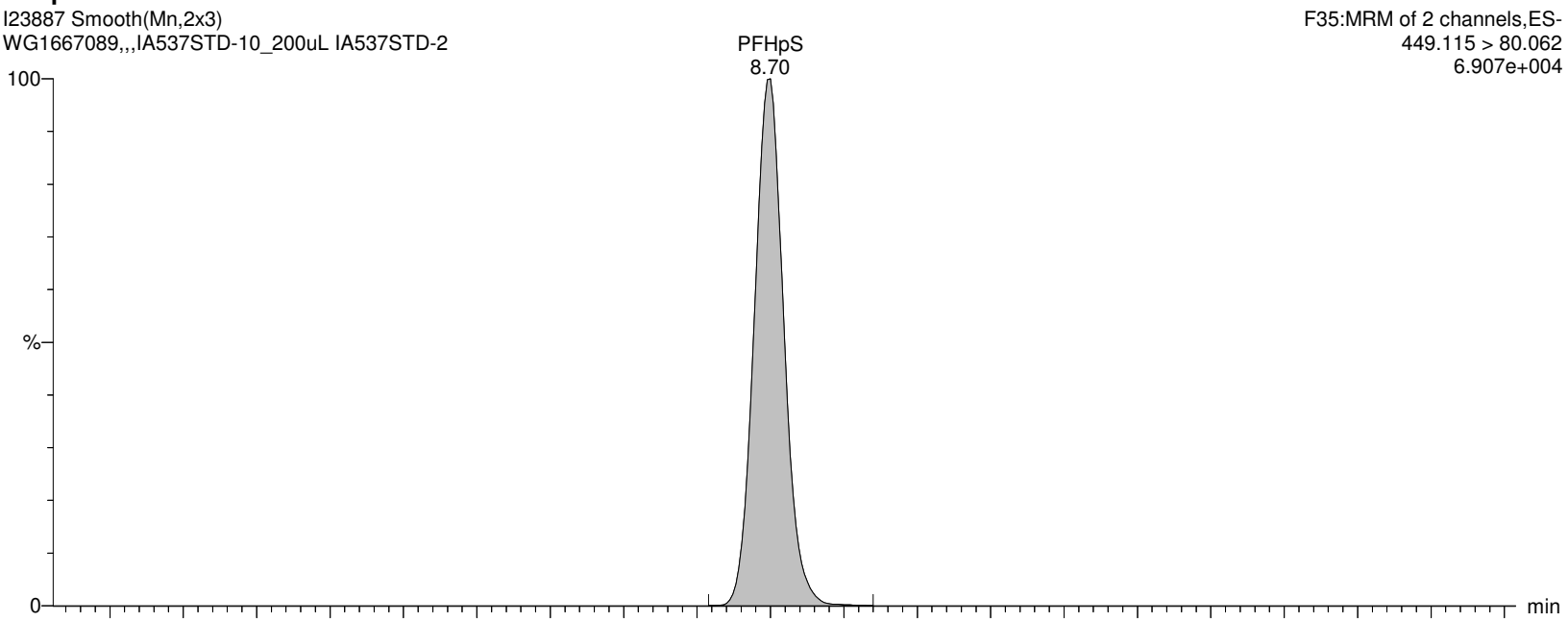


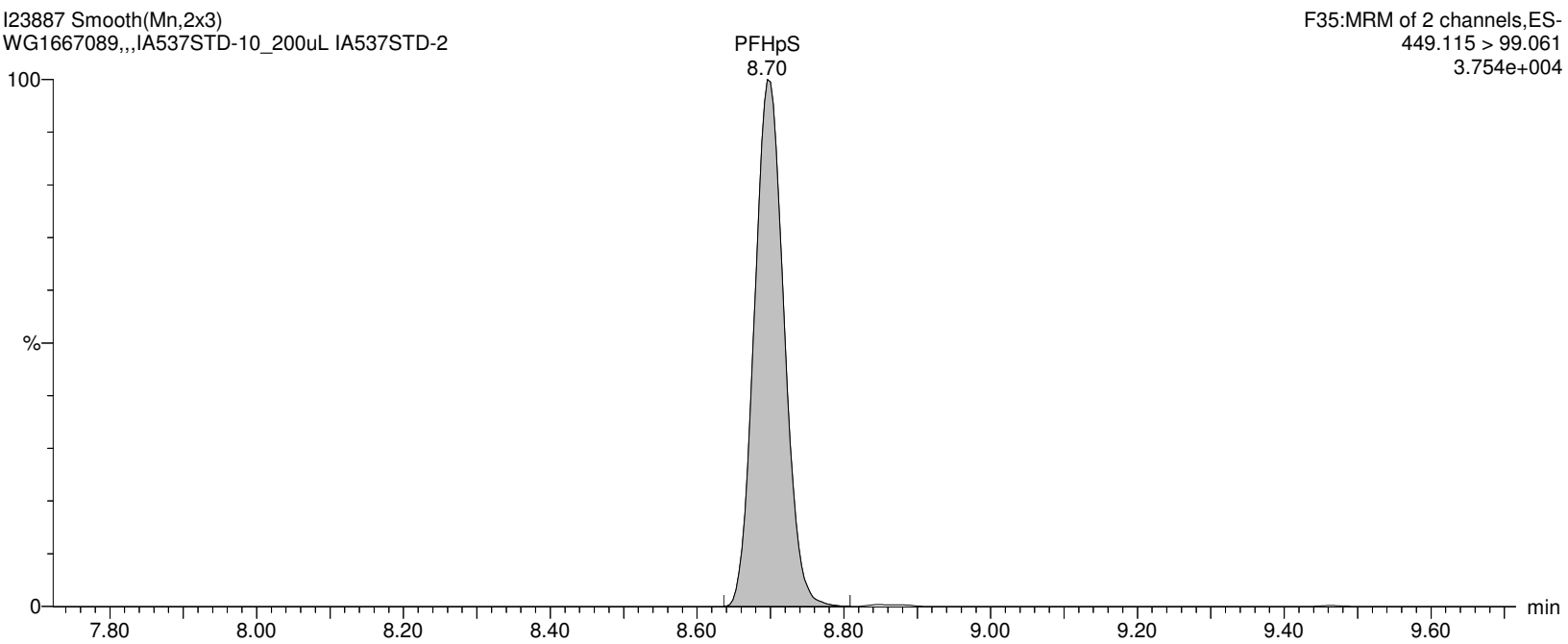
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFHpS



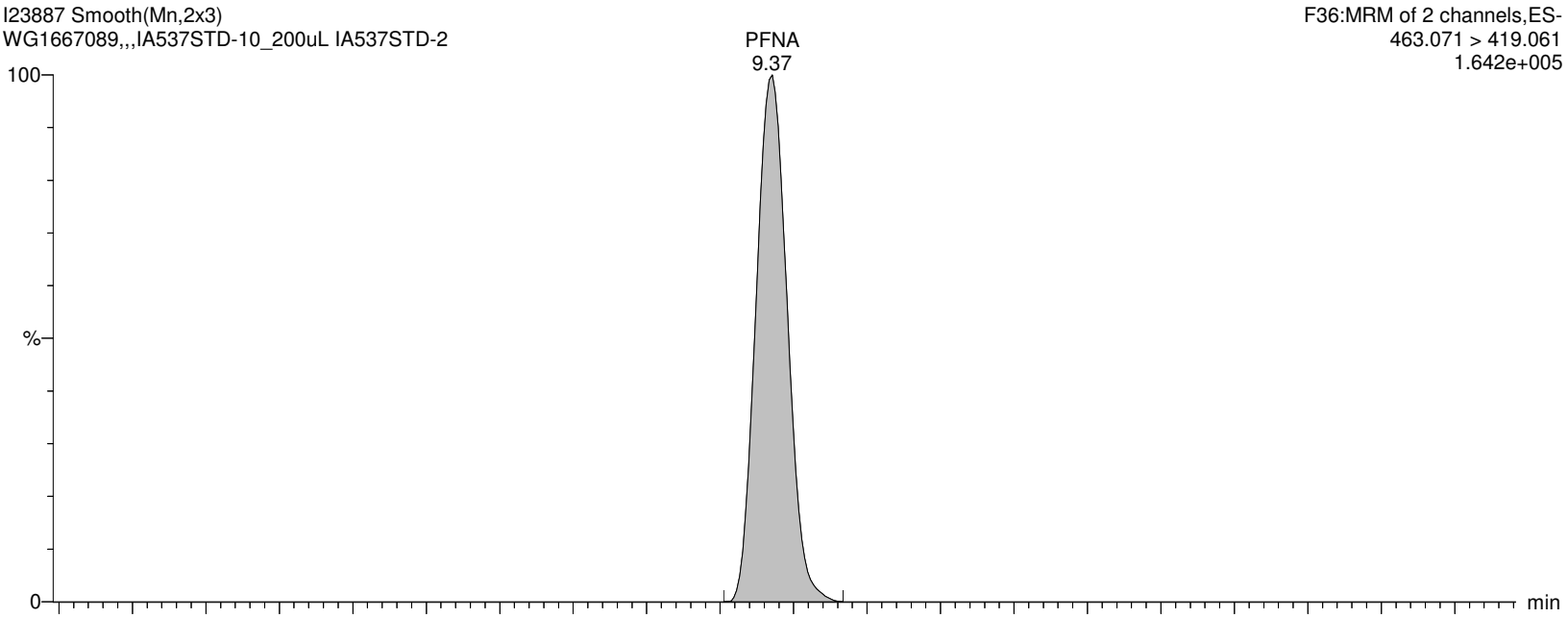


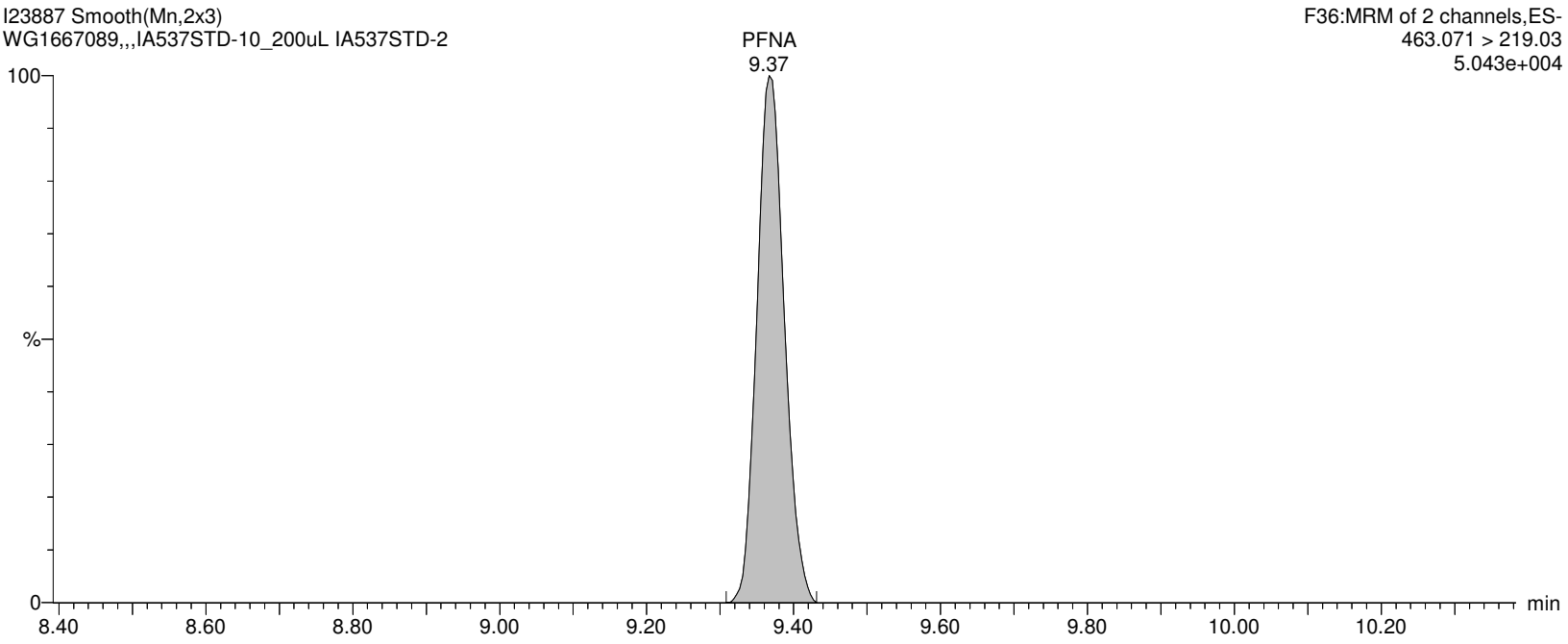
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFNA



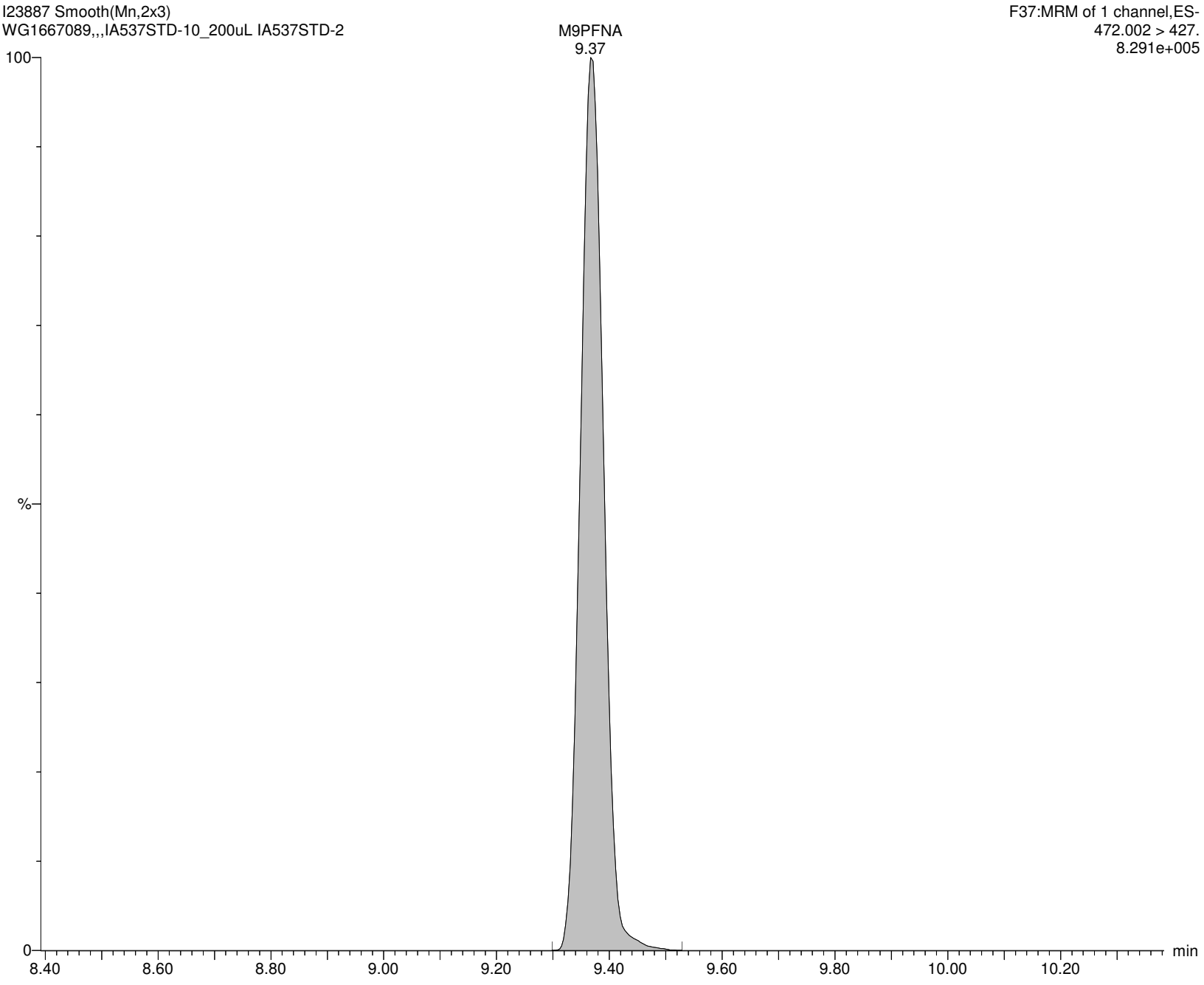


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M9PFNA

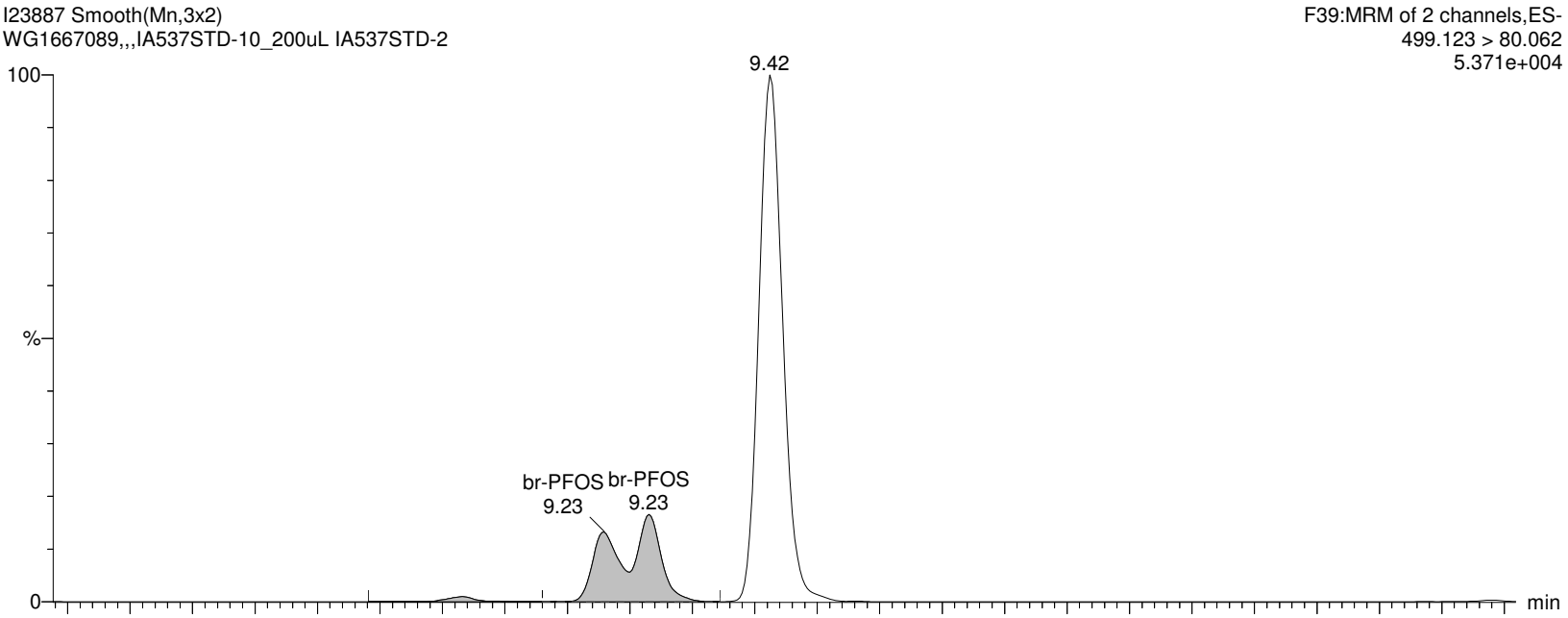


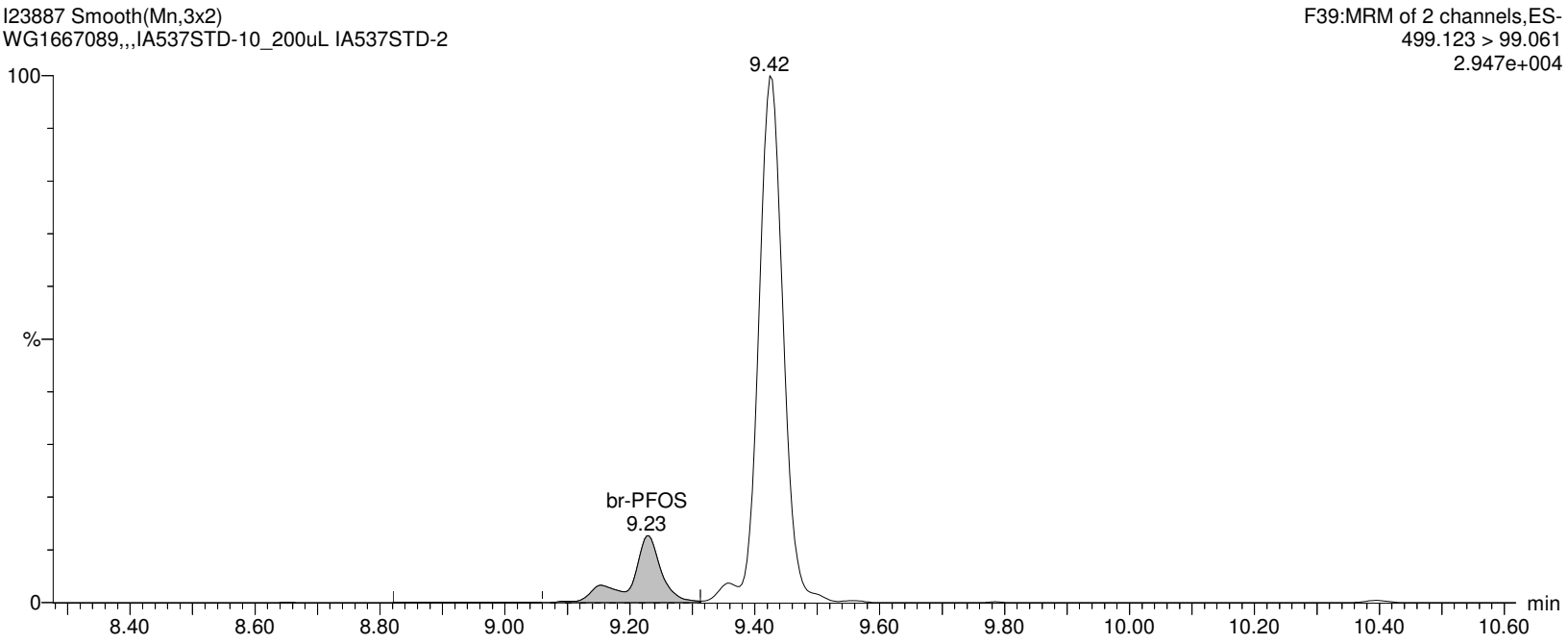
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

br-PFOS



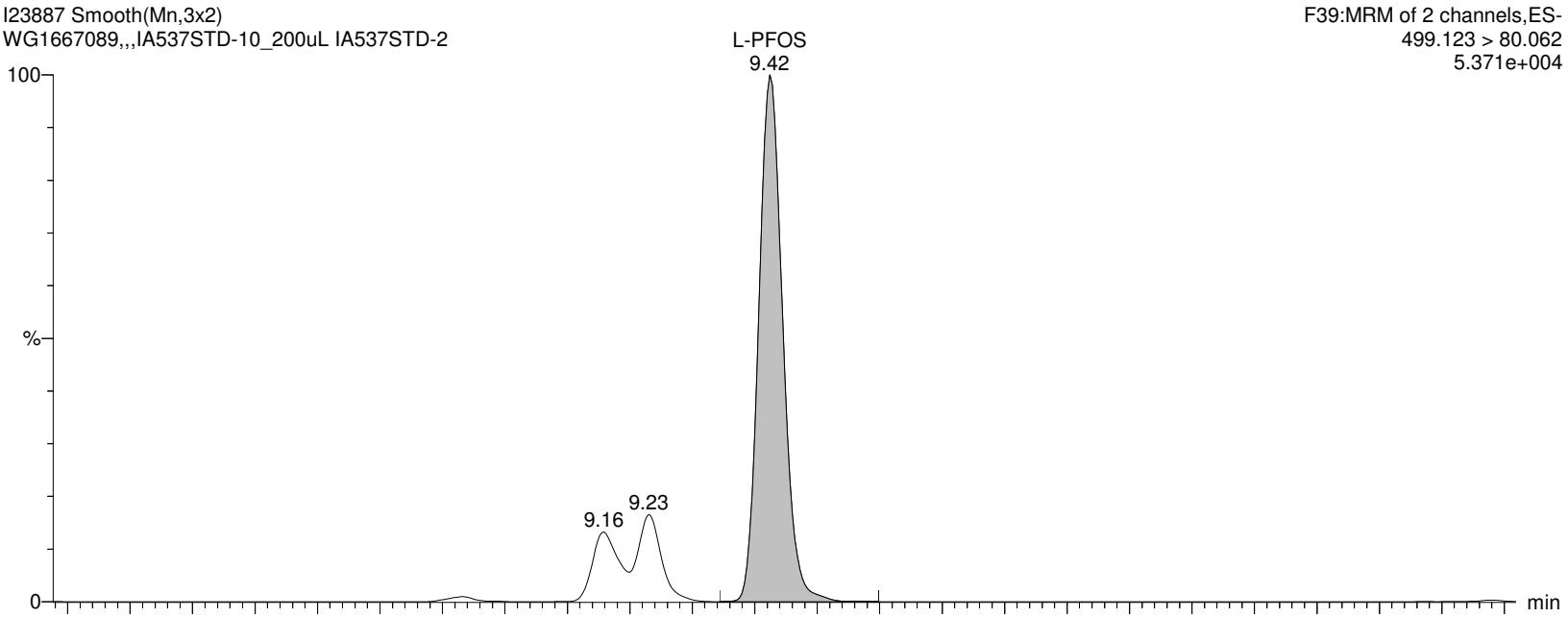


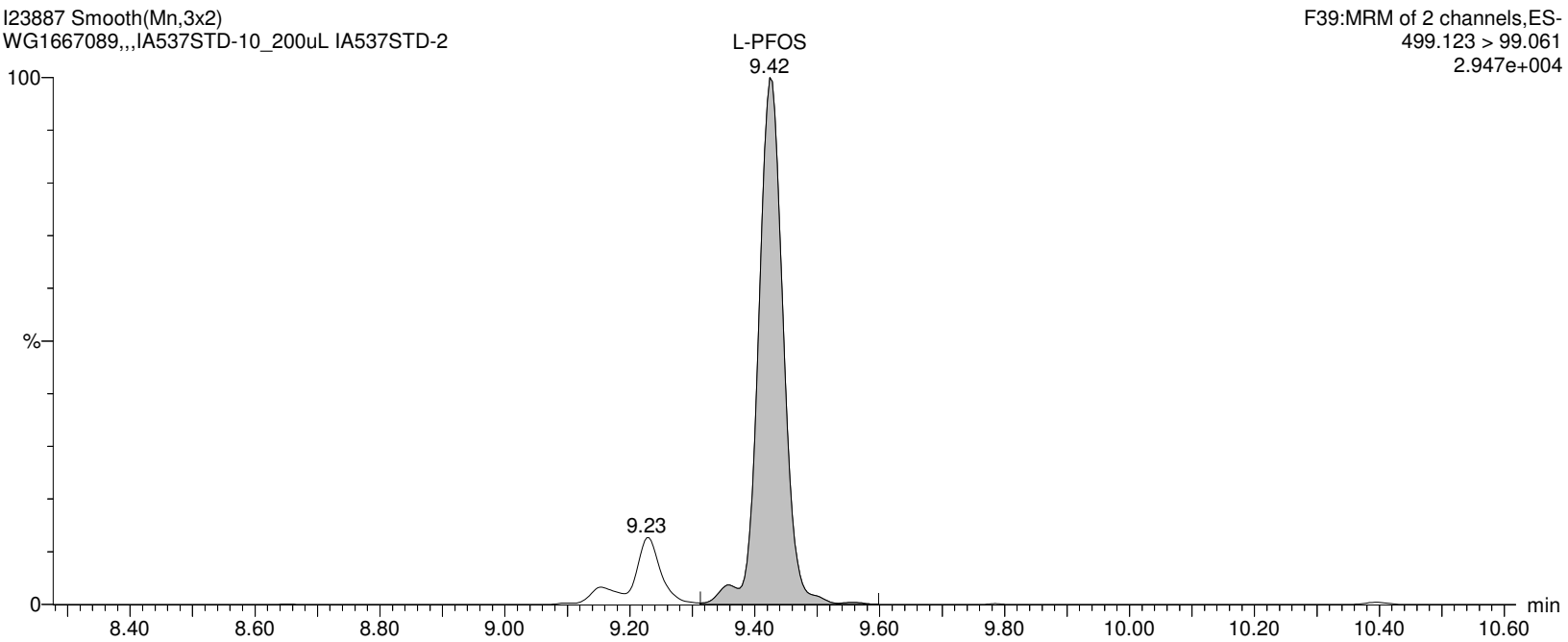
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

L-PFOS



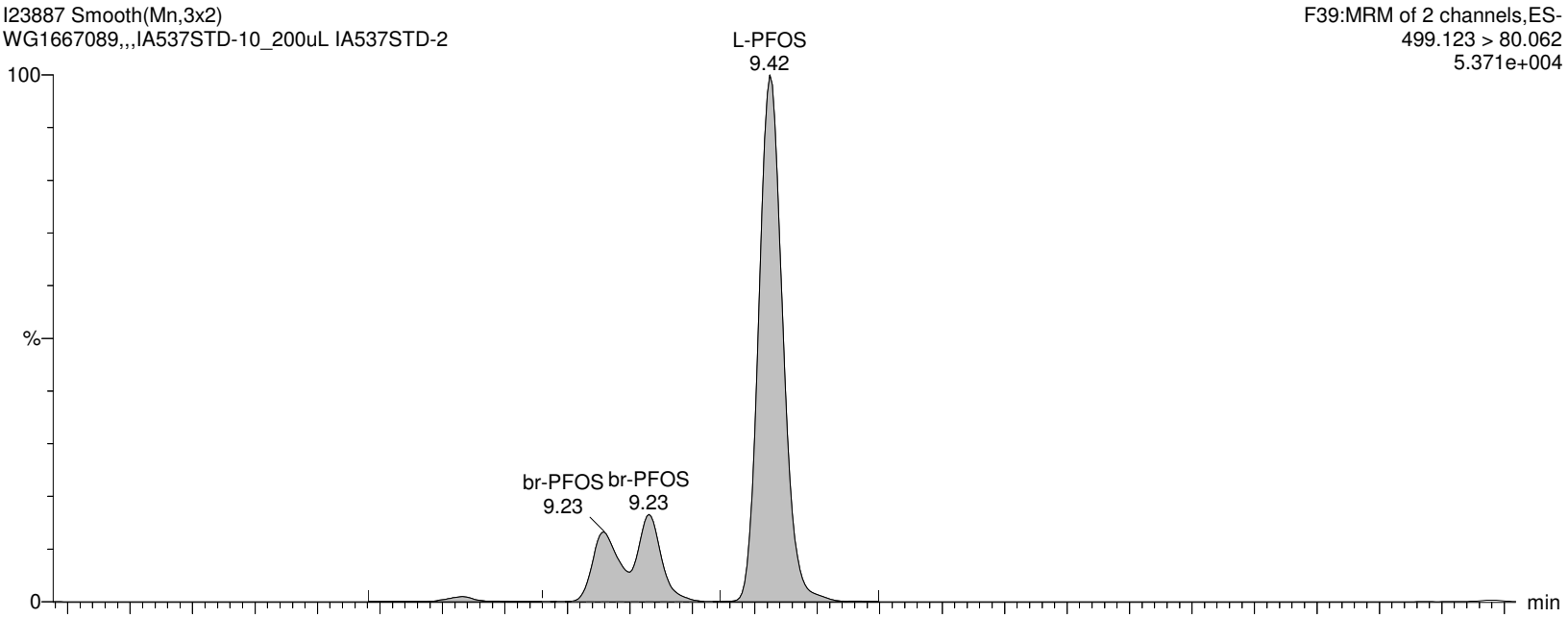


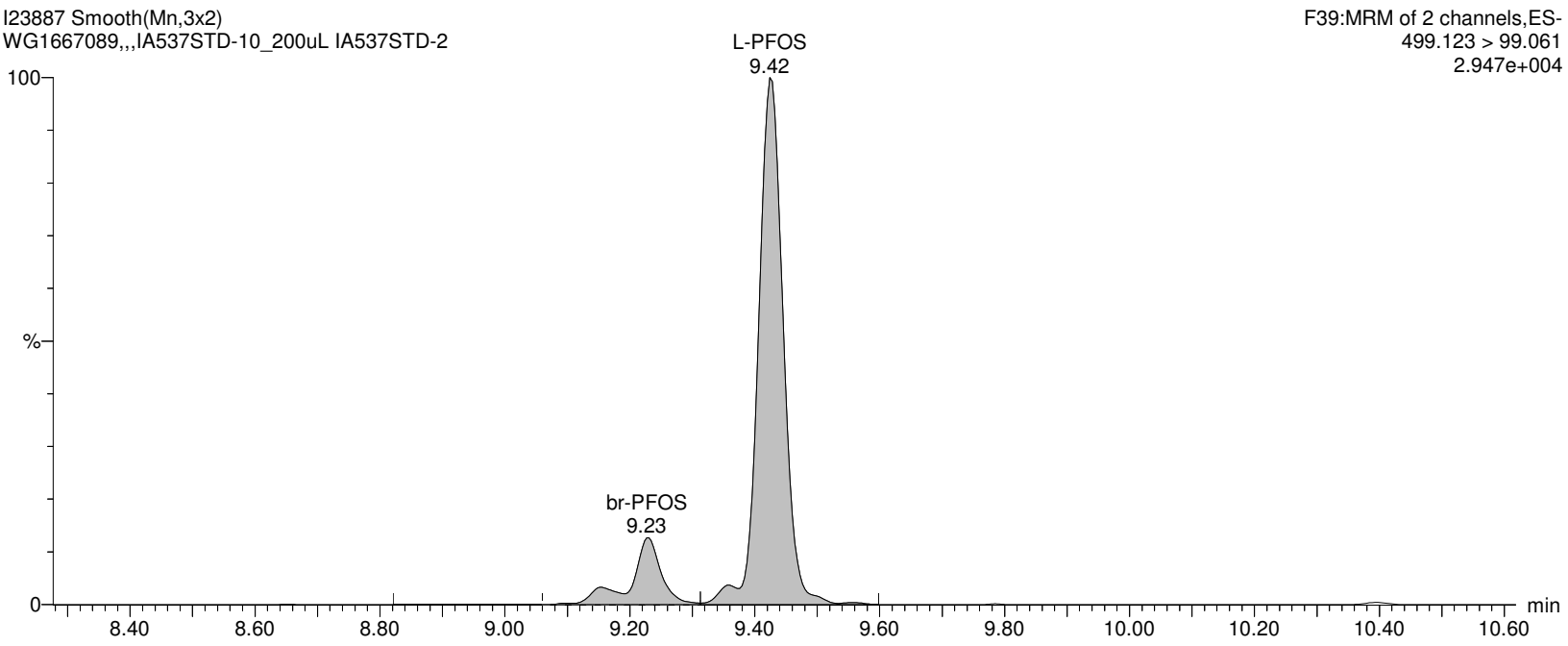
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFOS



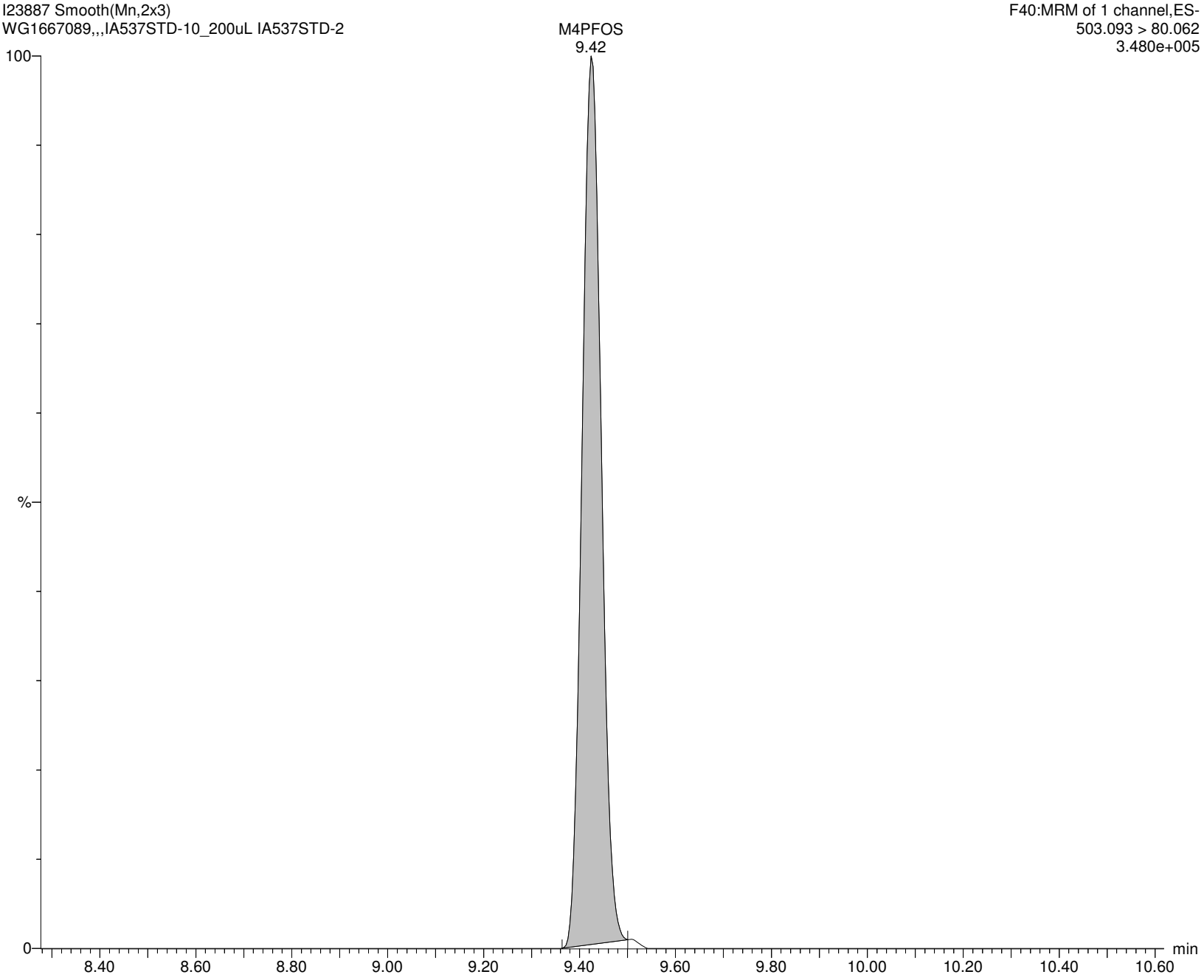


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M4PFOS

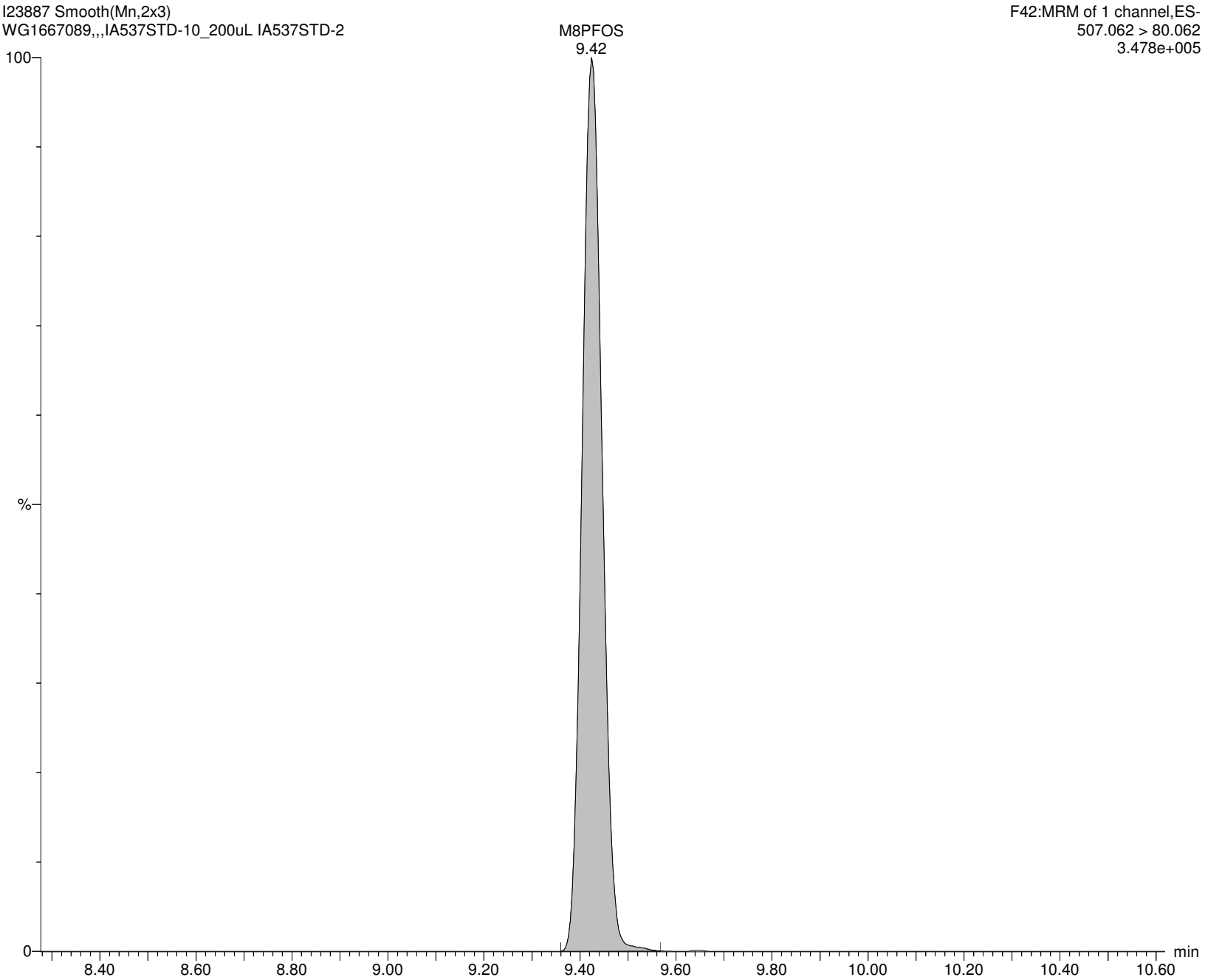


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M8PFOS

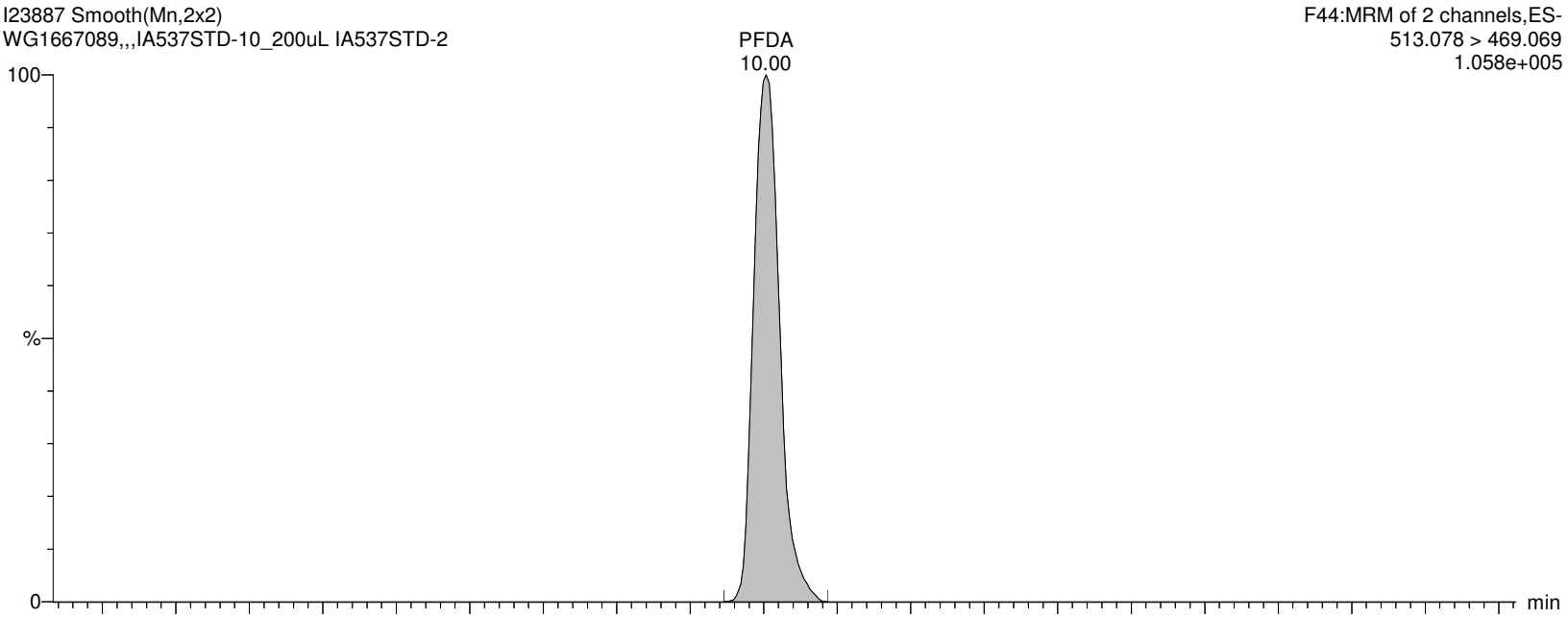


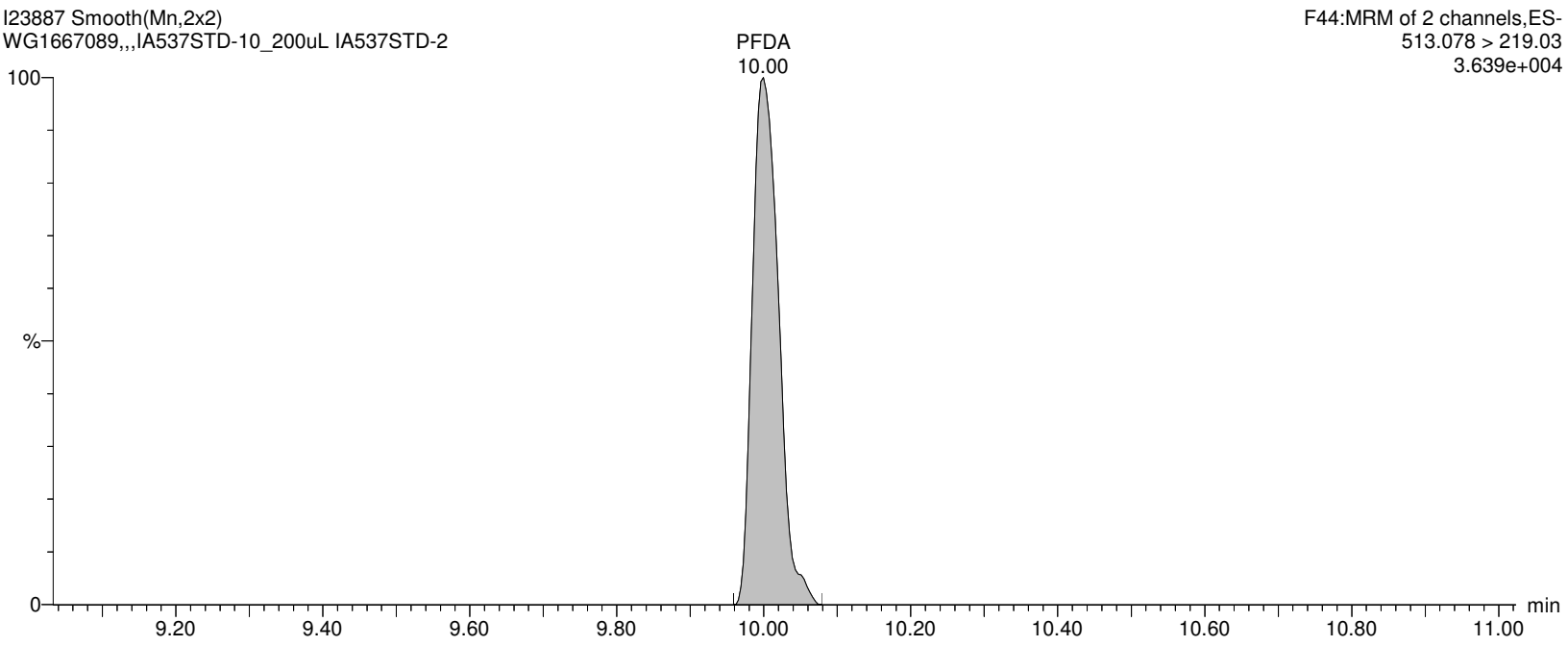
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFDA



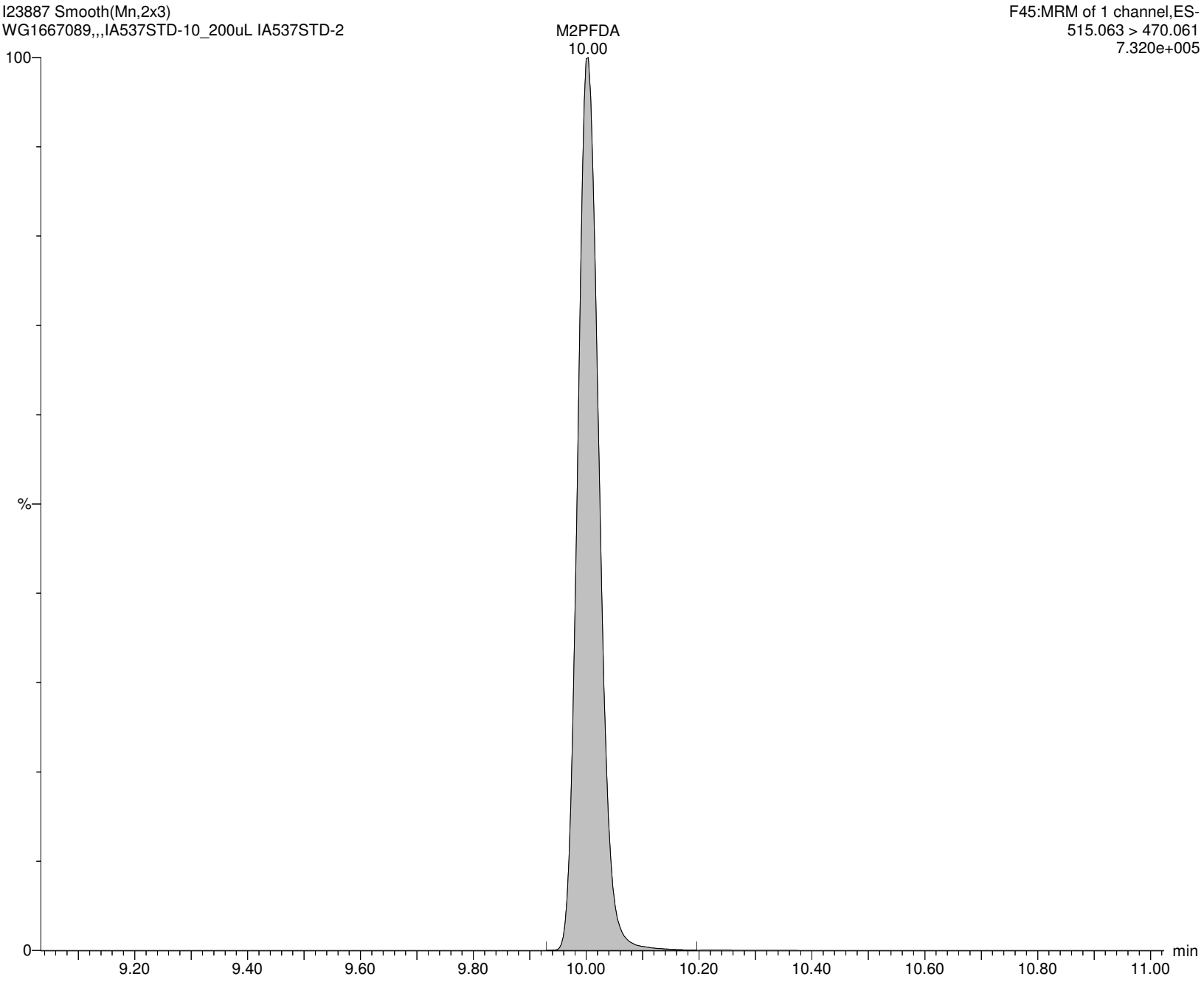


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2PFDA

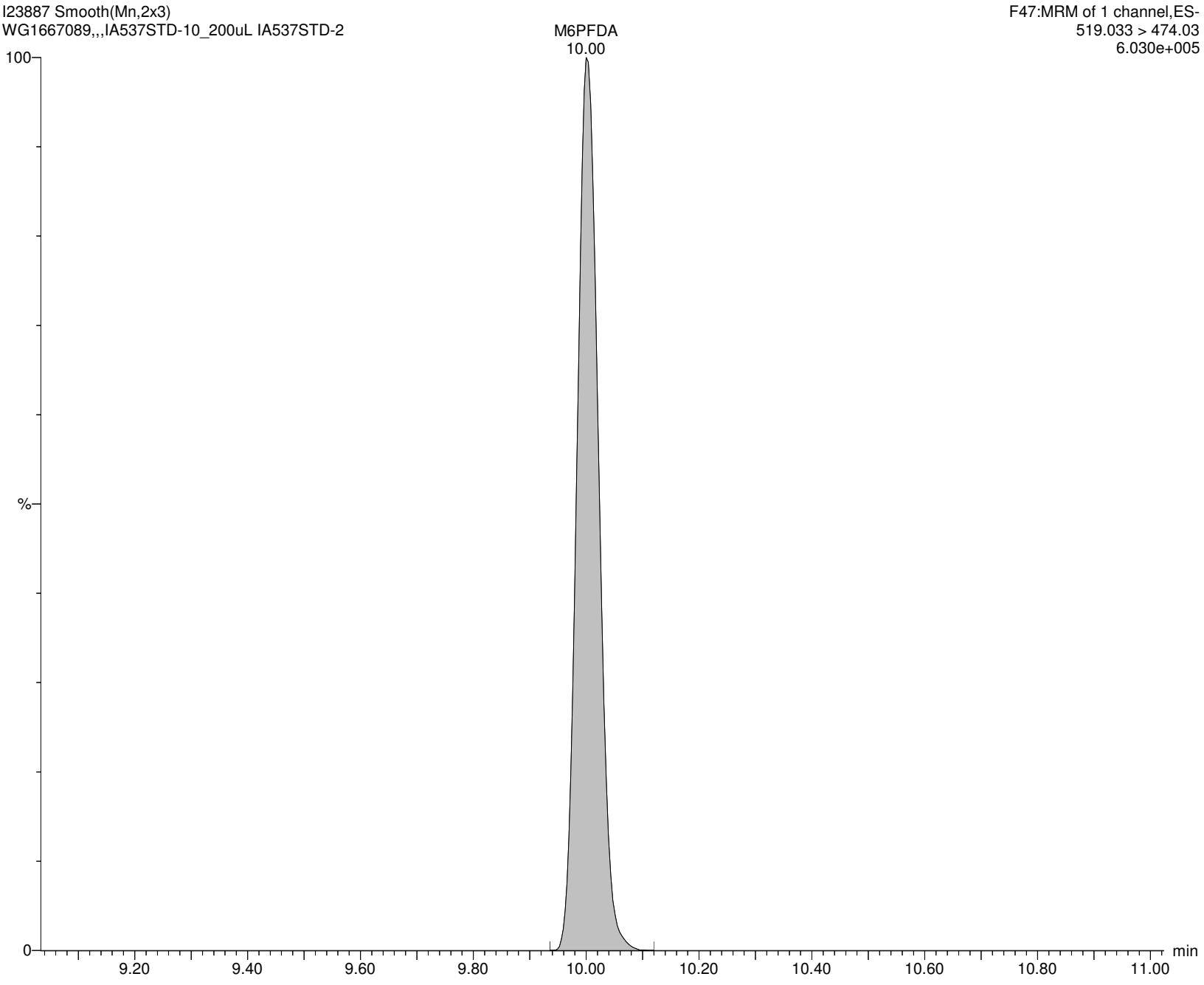


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M6PFDA

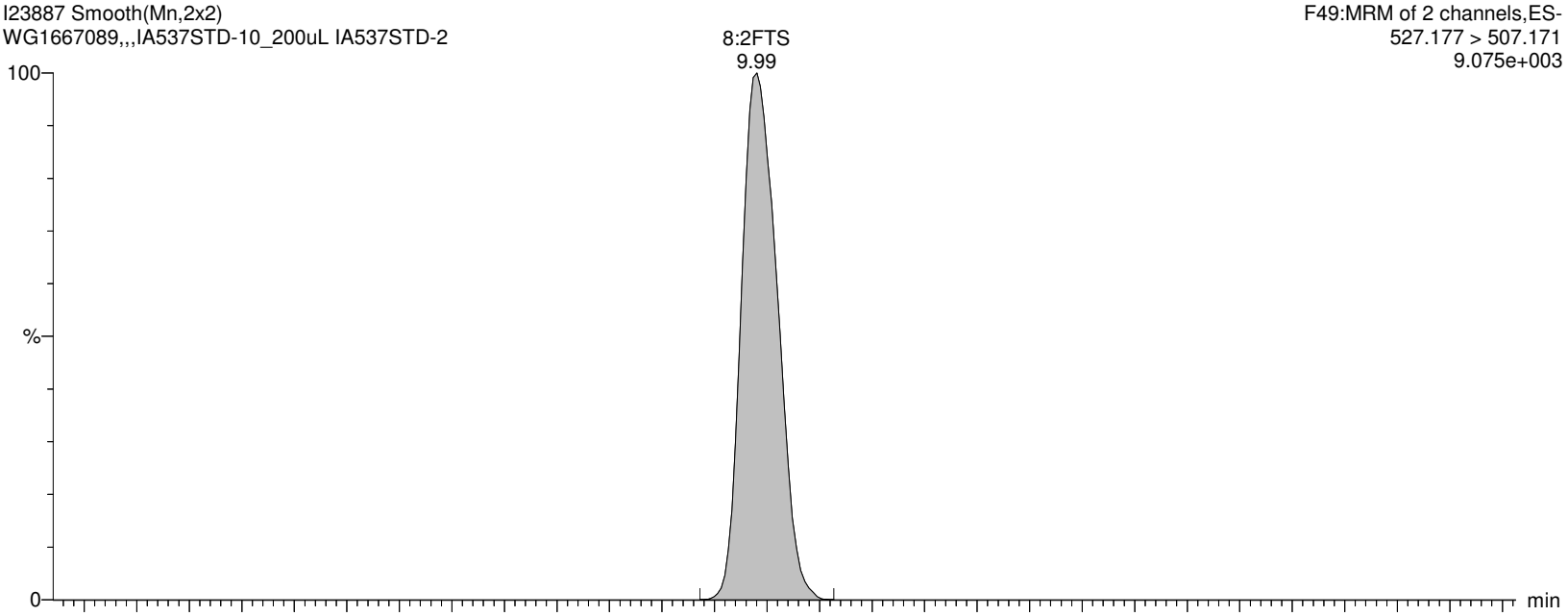


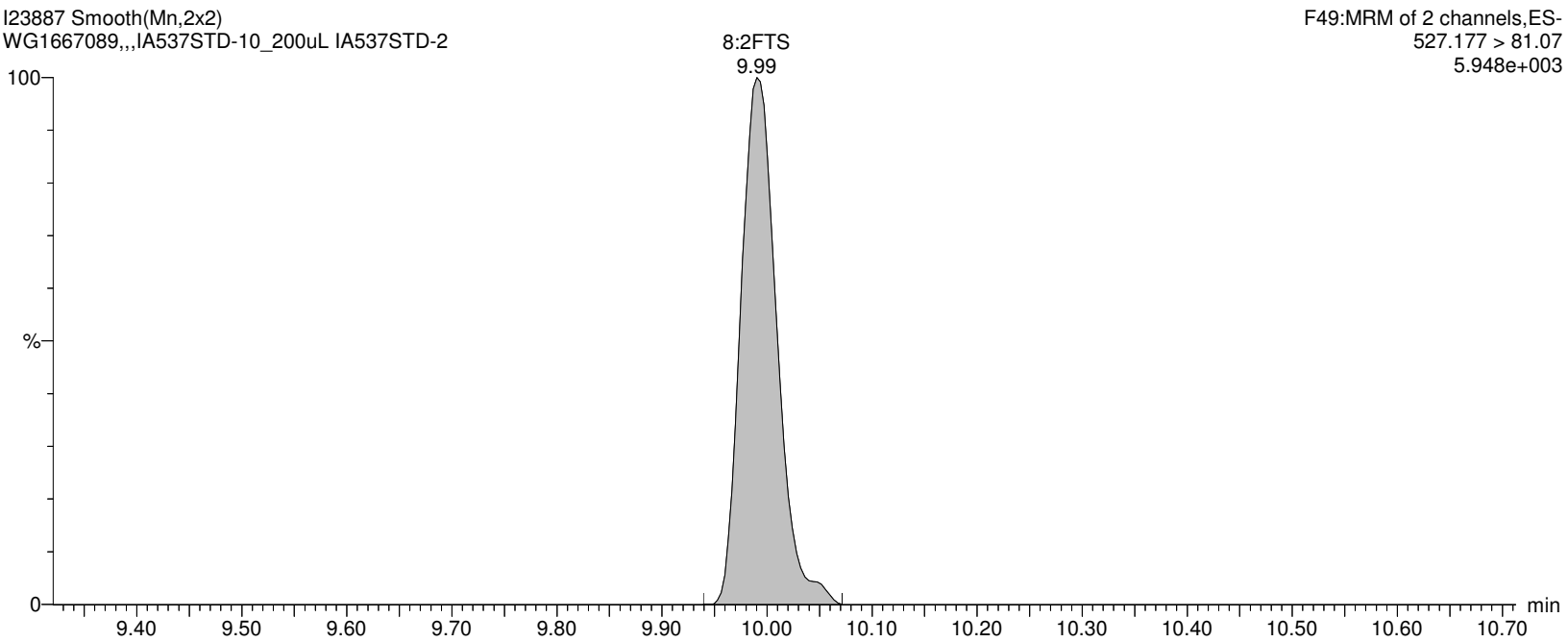
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

8:2FTS



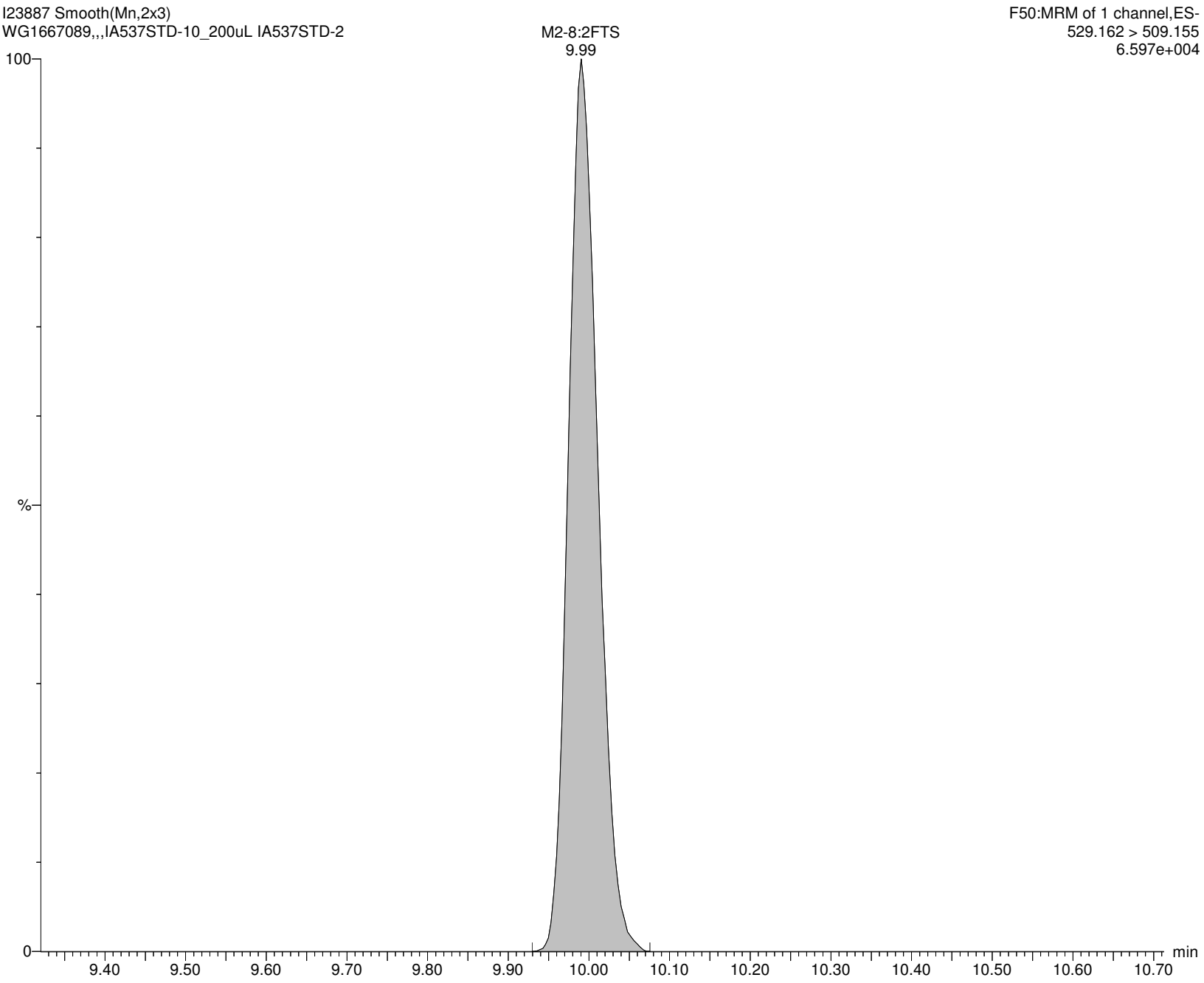


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2-8:2FTS

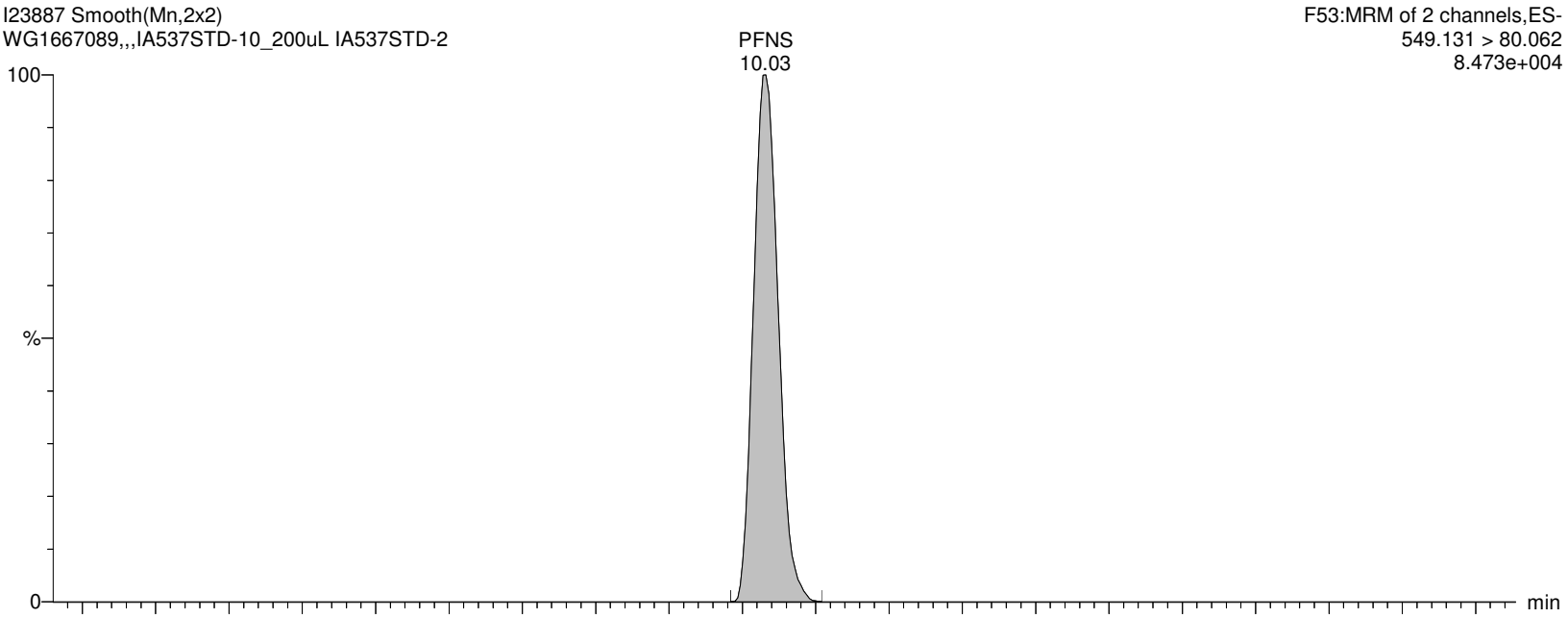


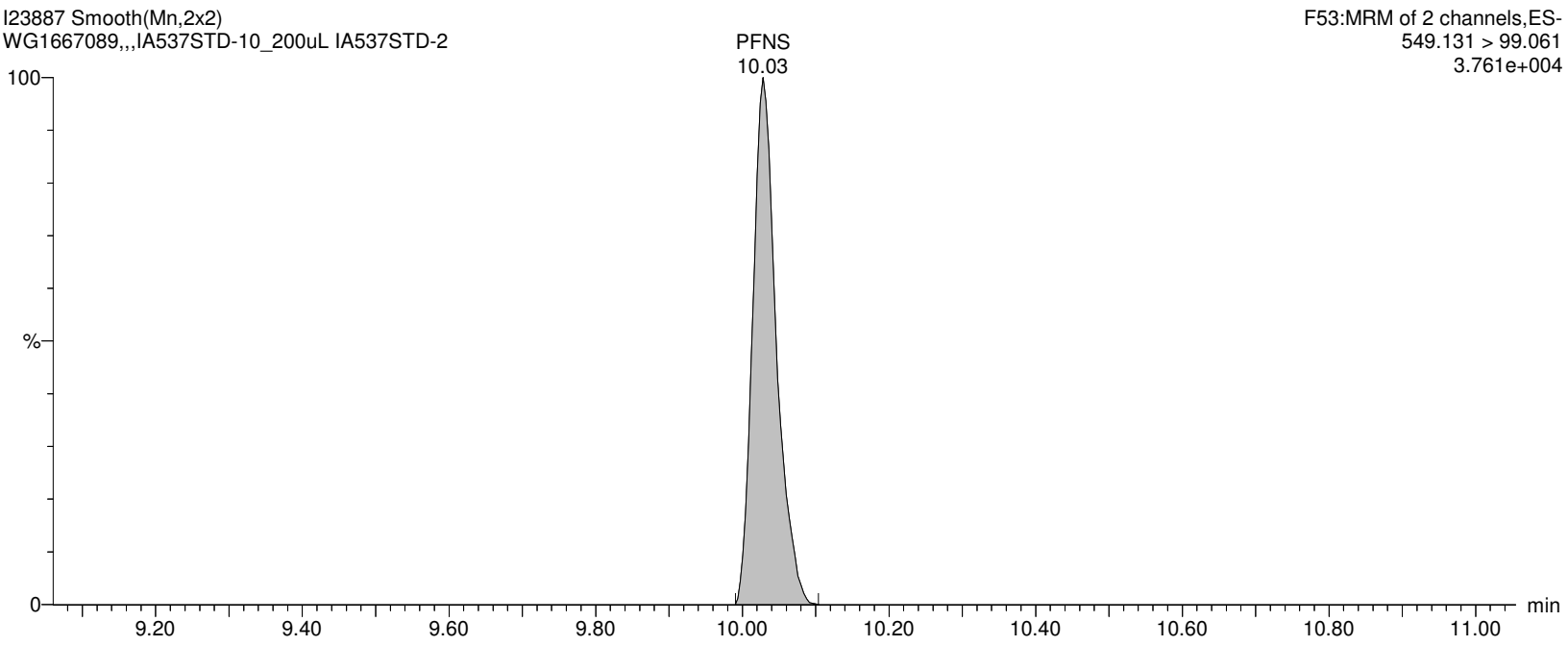
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFNS



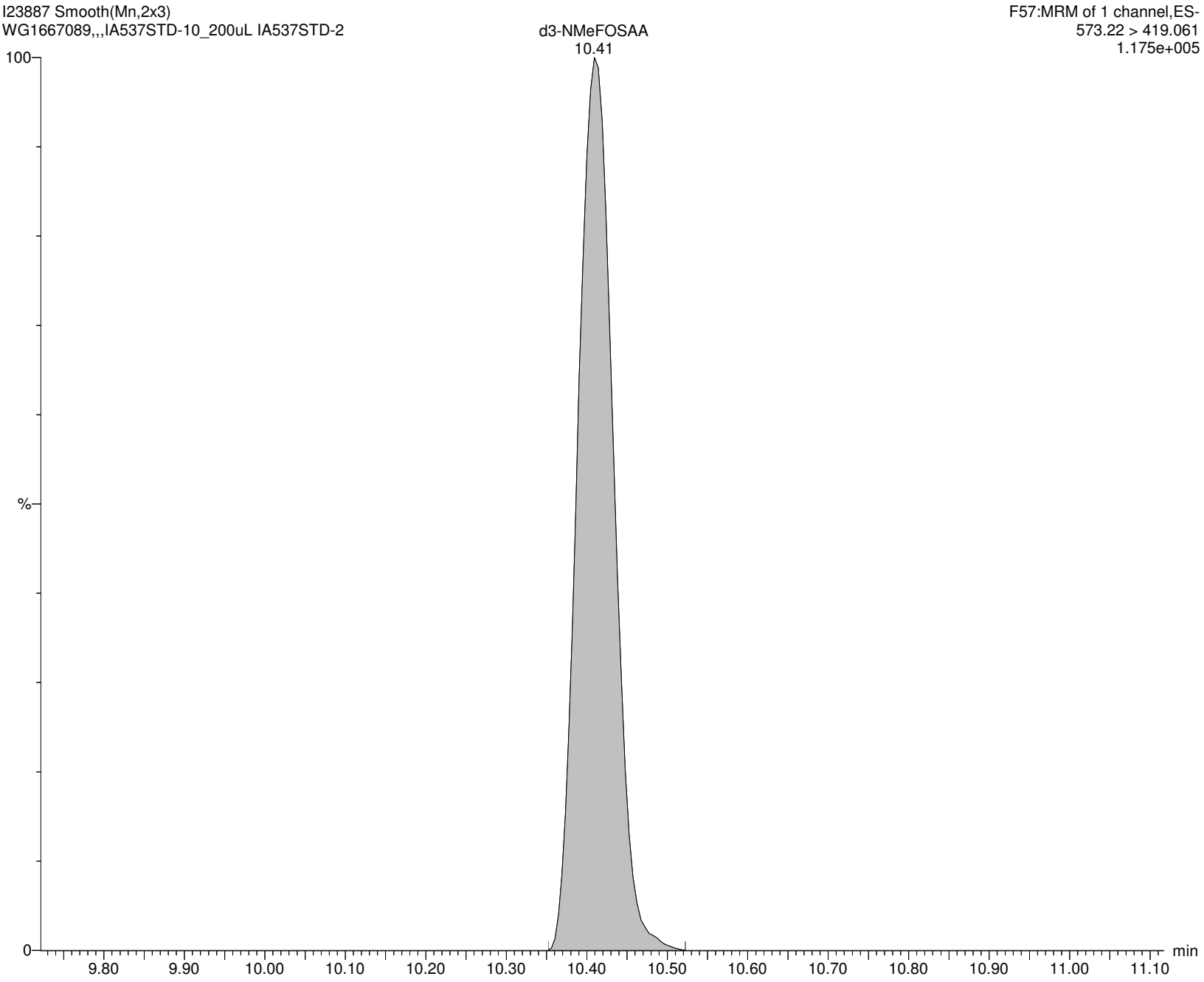


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

d3-NMeFOSAA

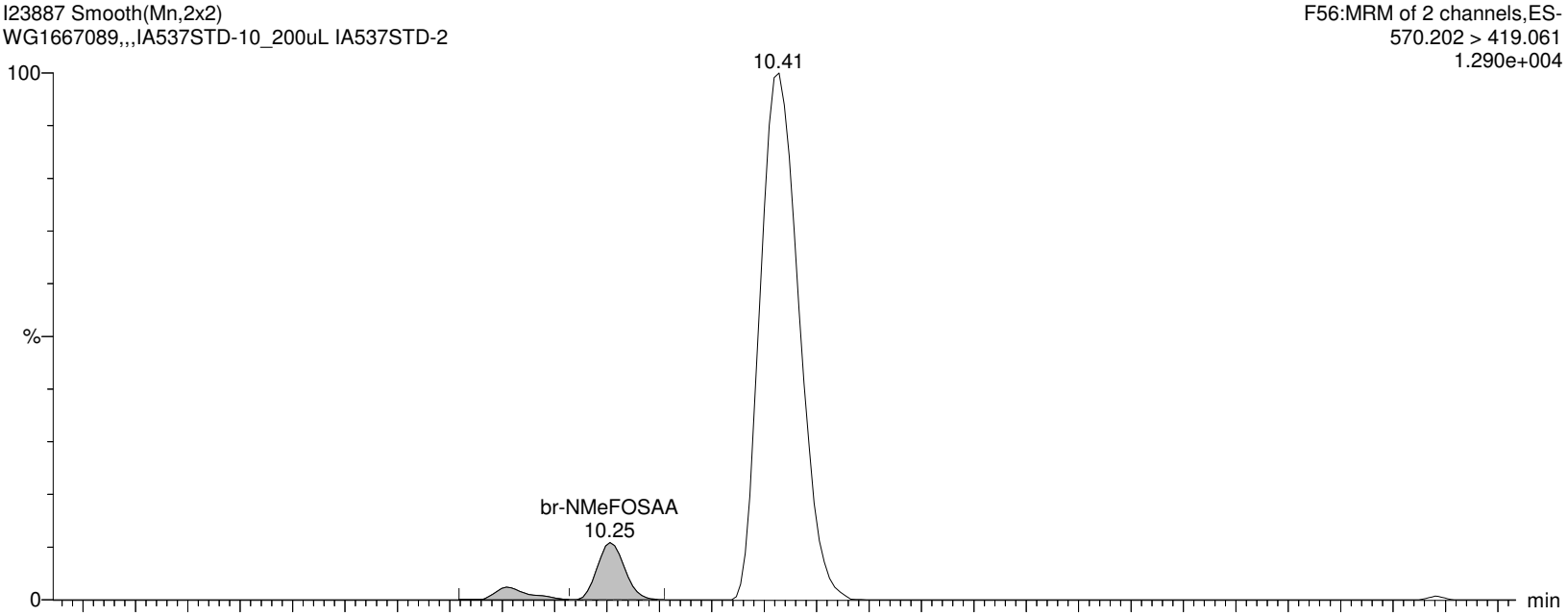


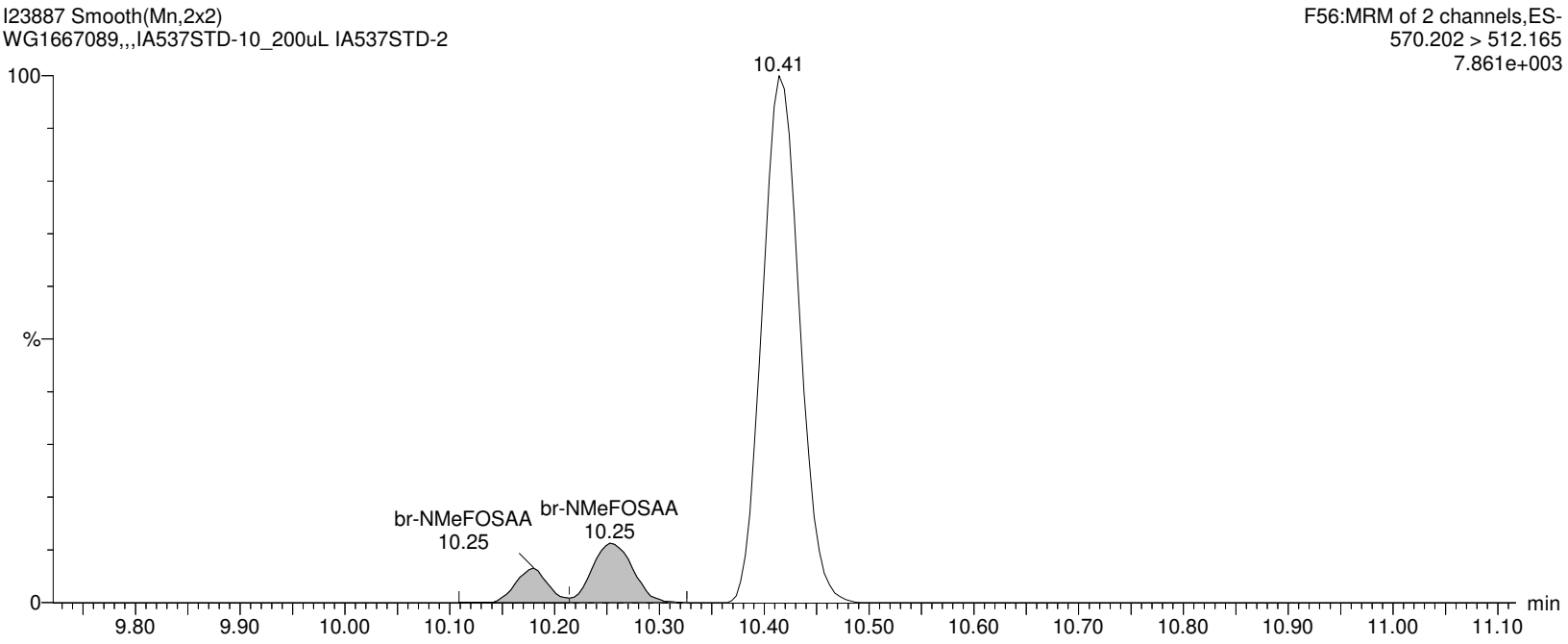
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

br-NMeFOSAA



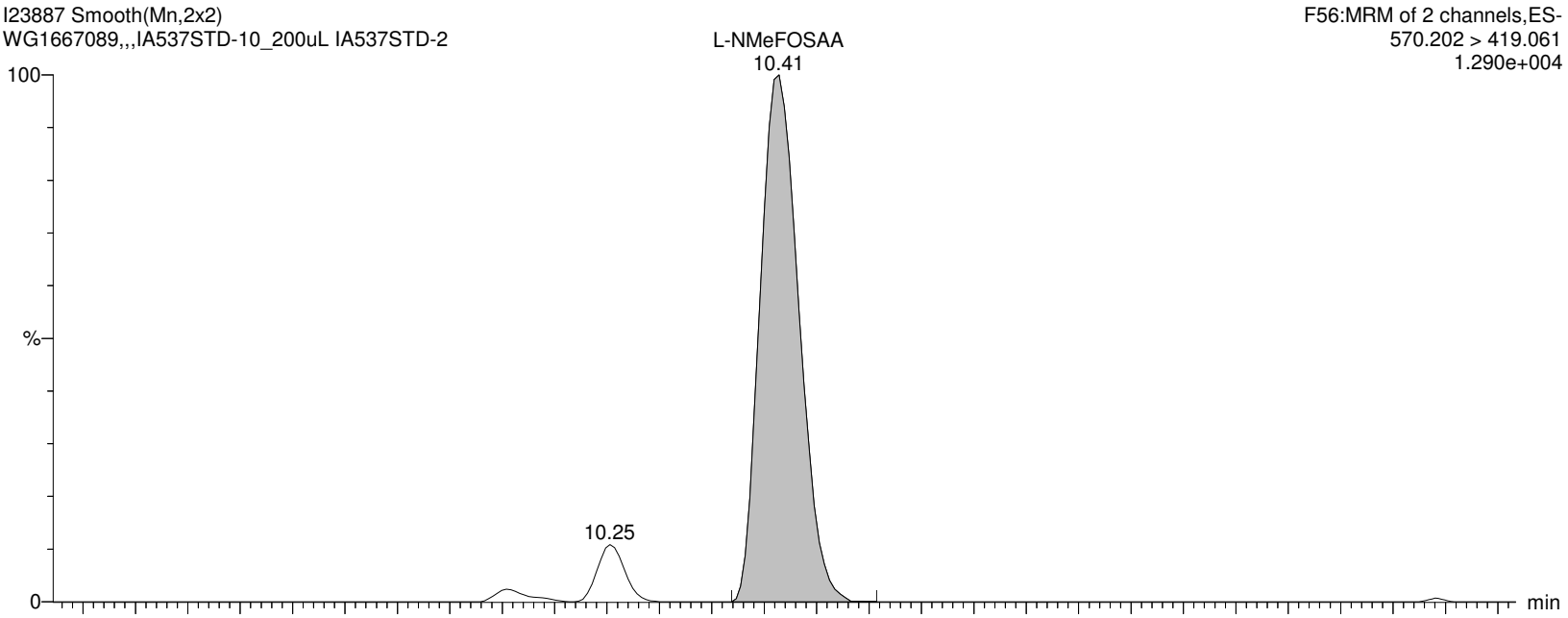


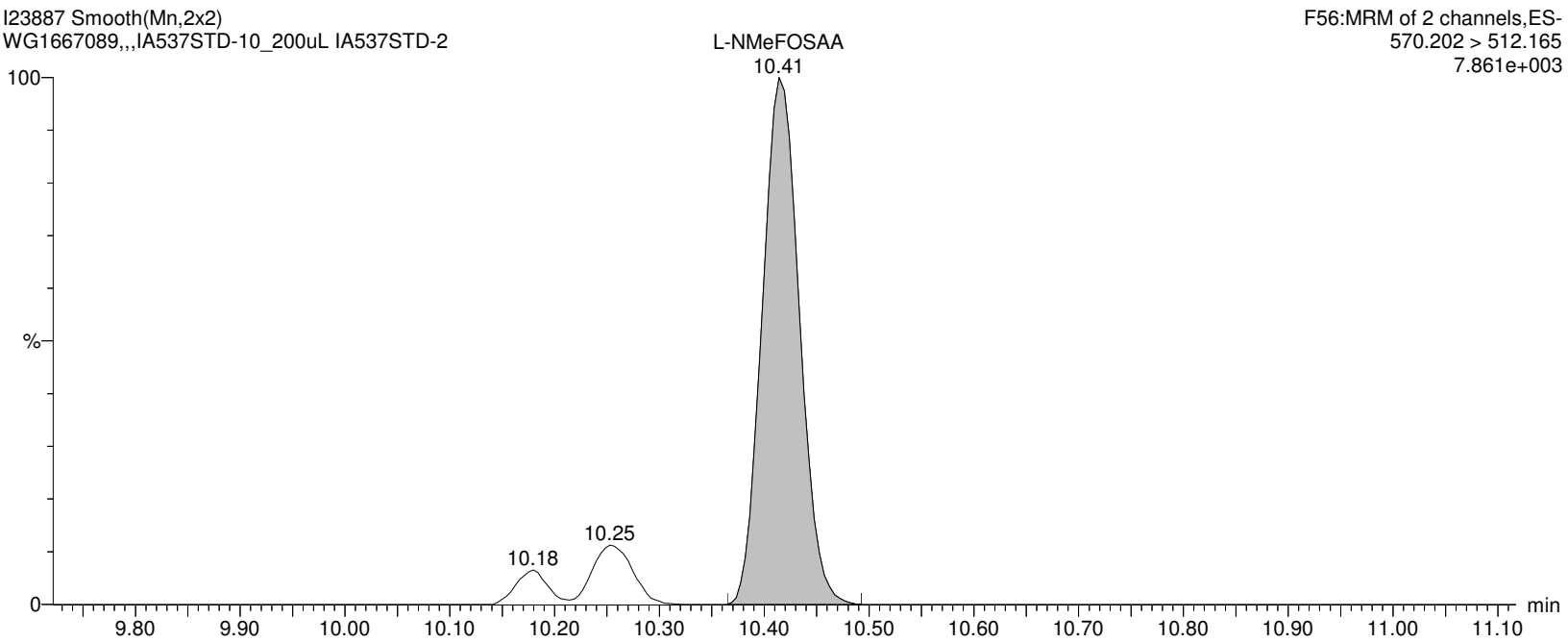
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

L-NMeFOSAA



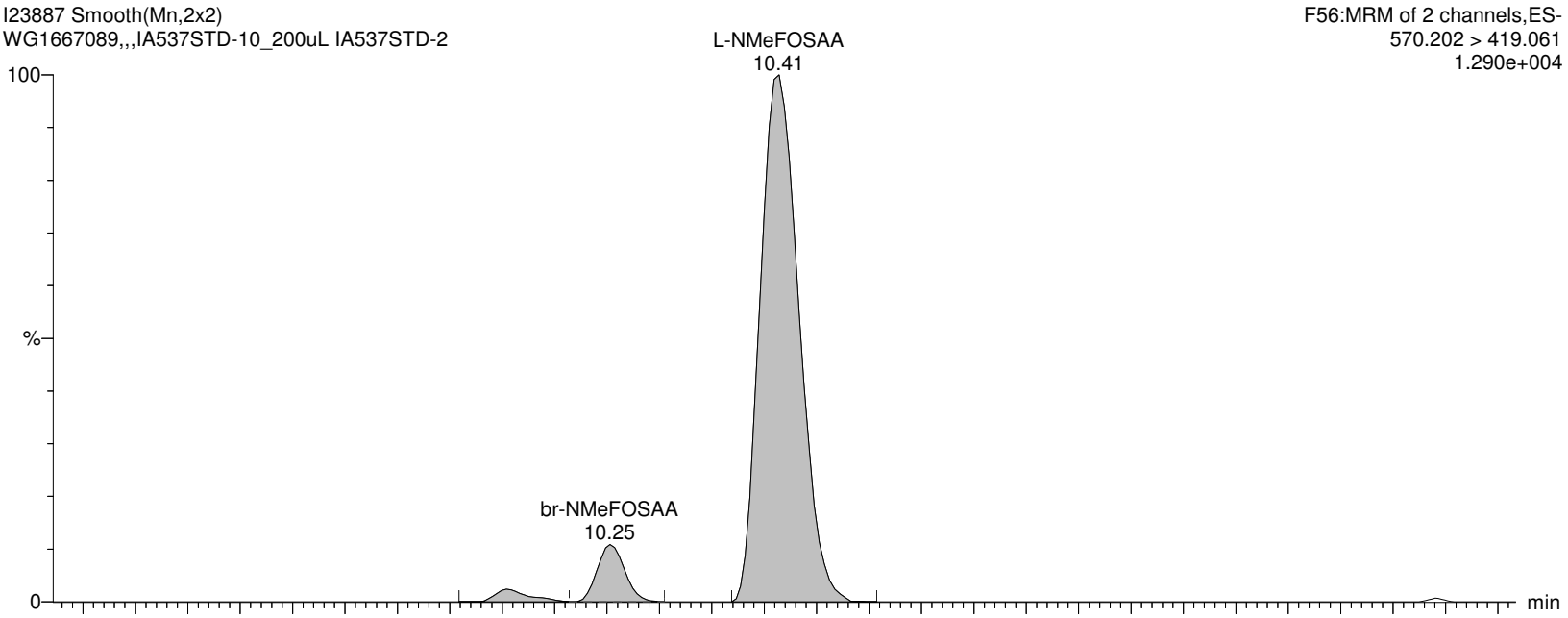


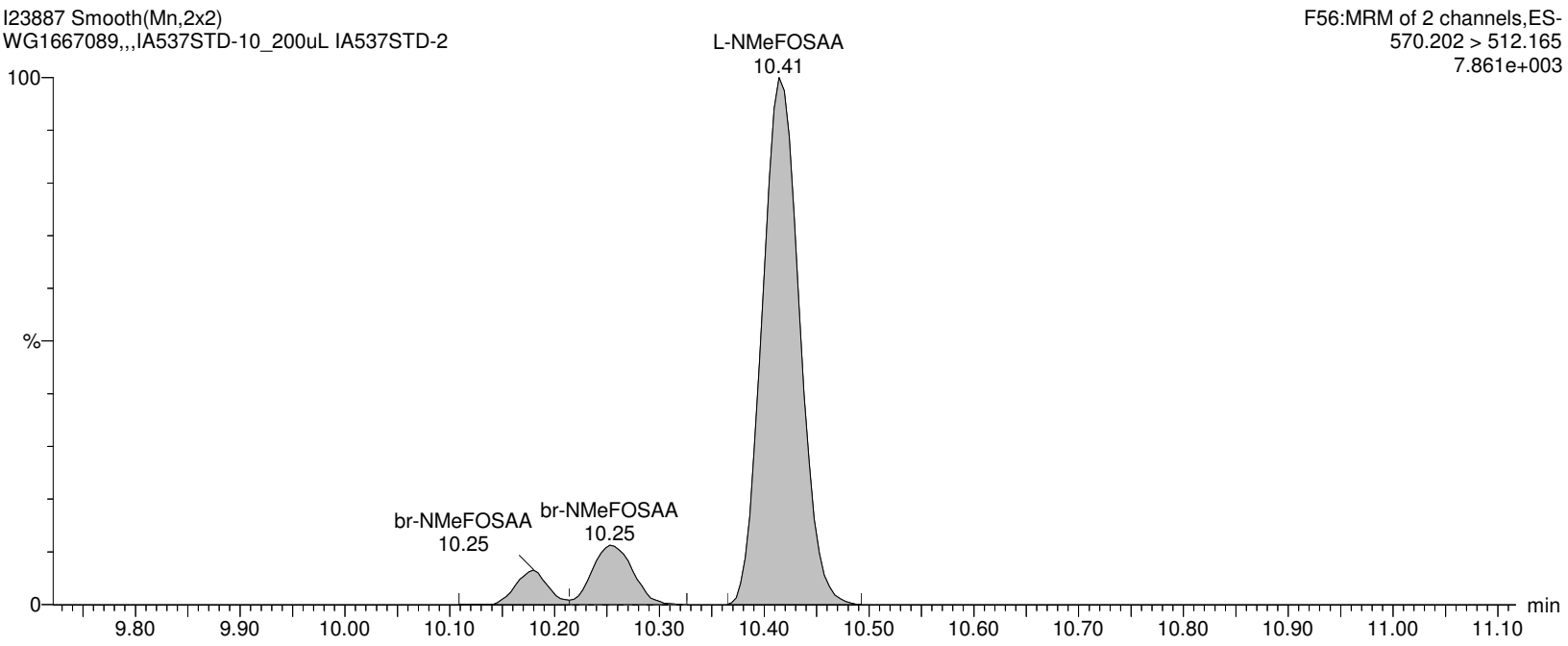
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NMeFOSAA



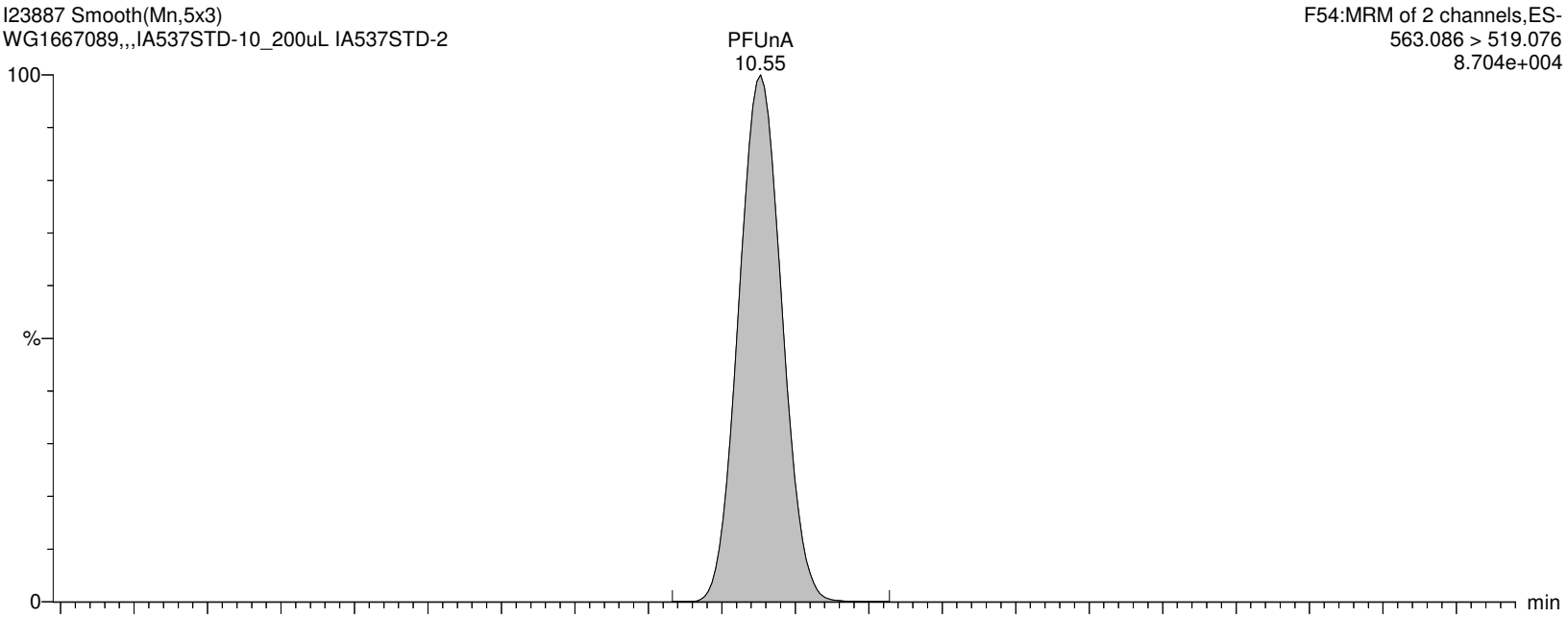


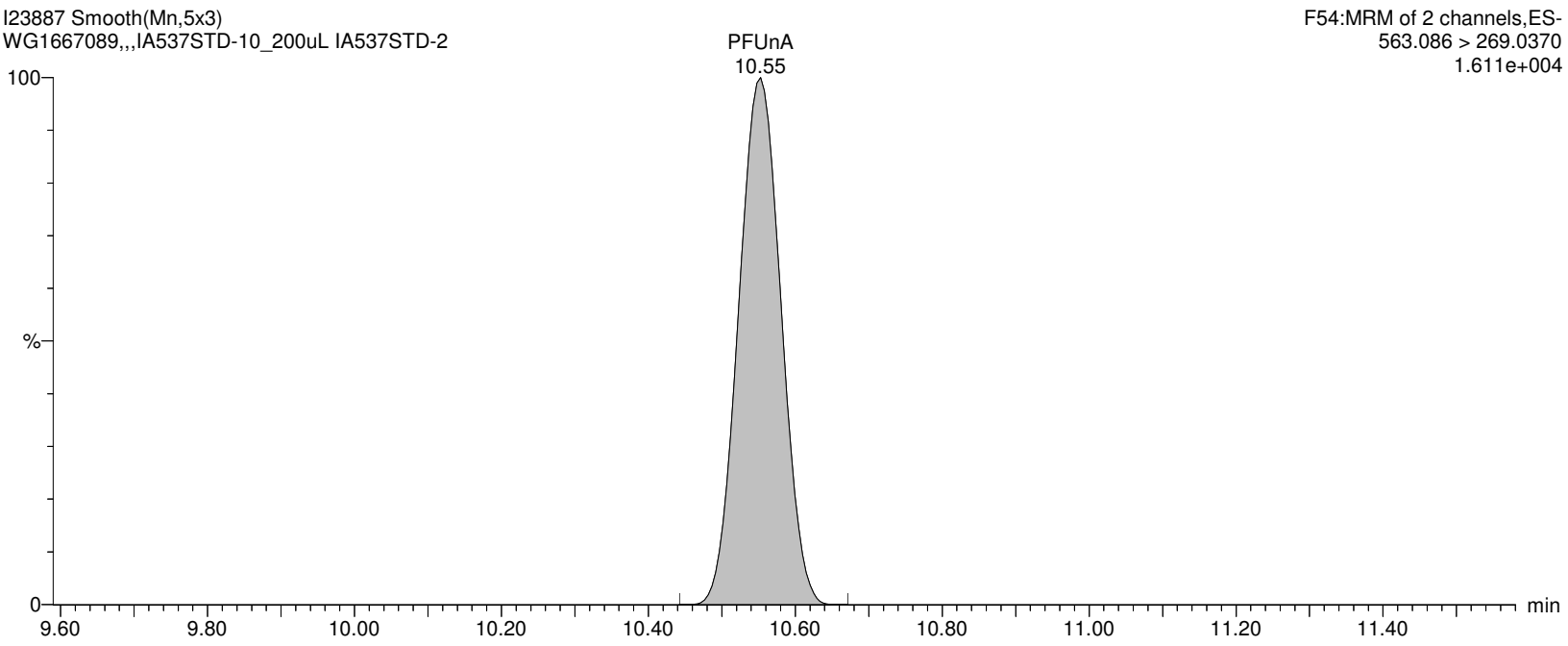
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFUnA



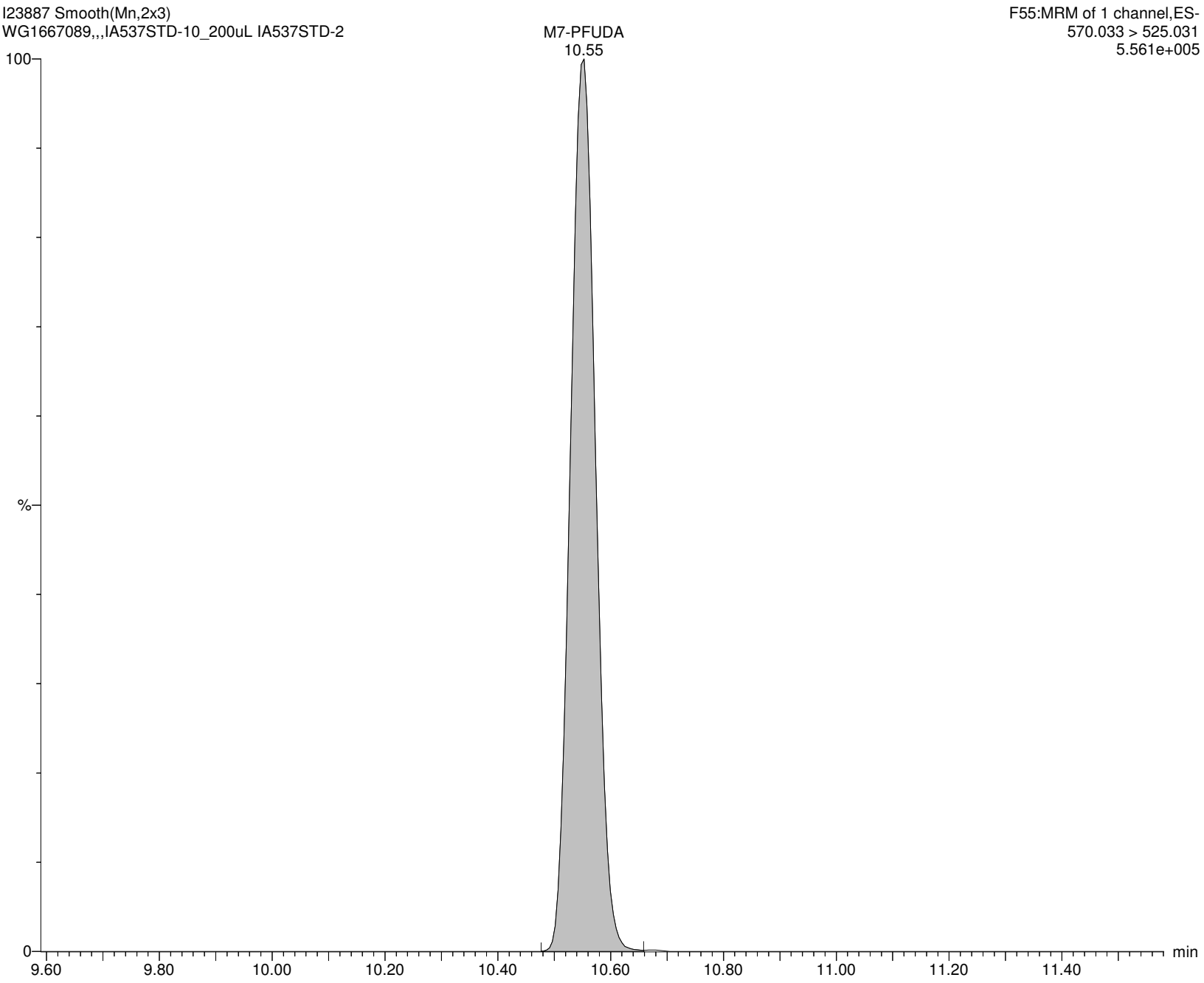


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M7-PFUDA

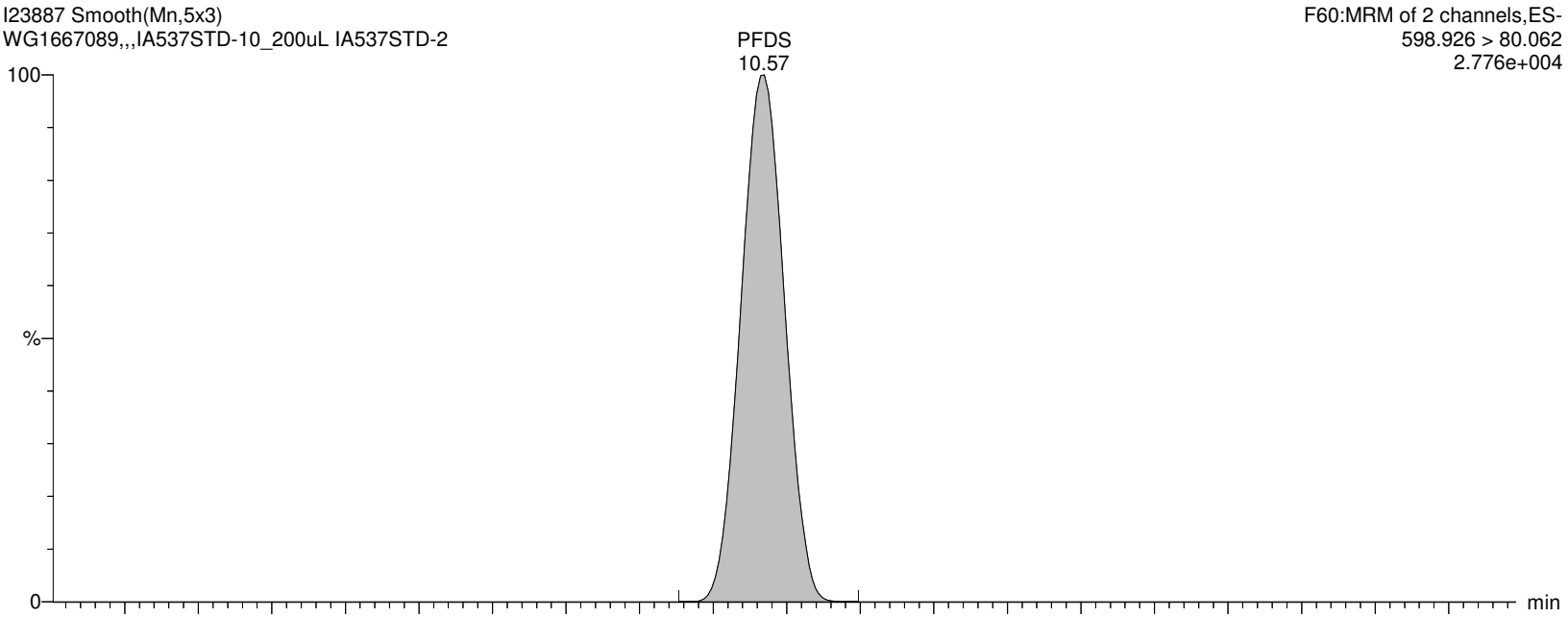


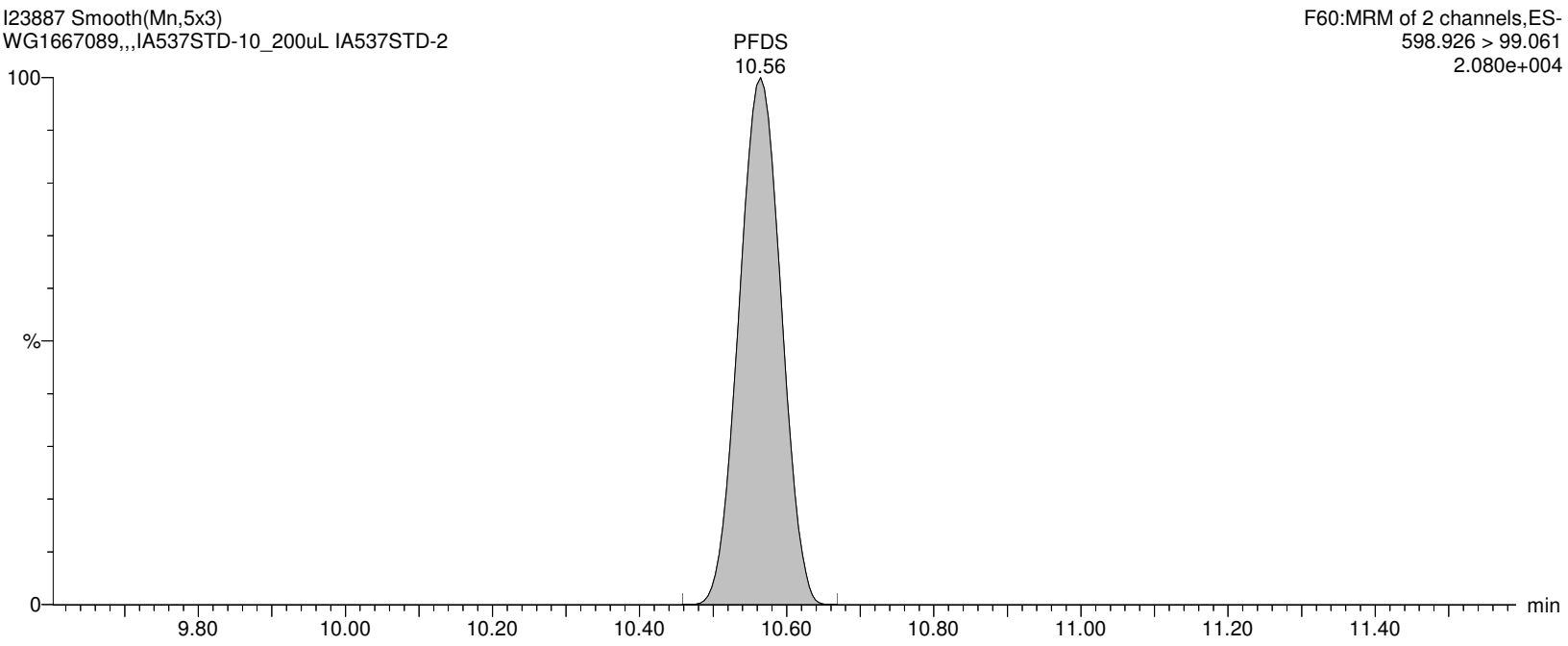
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFDS



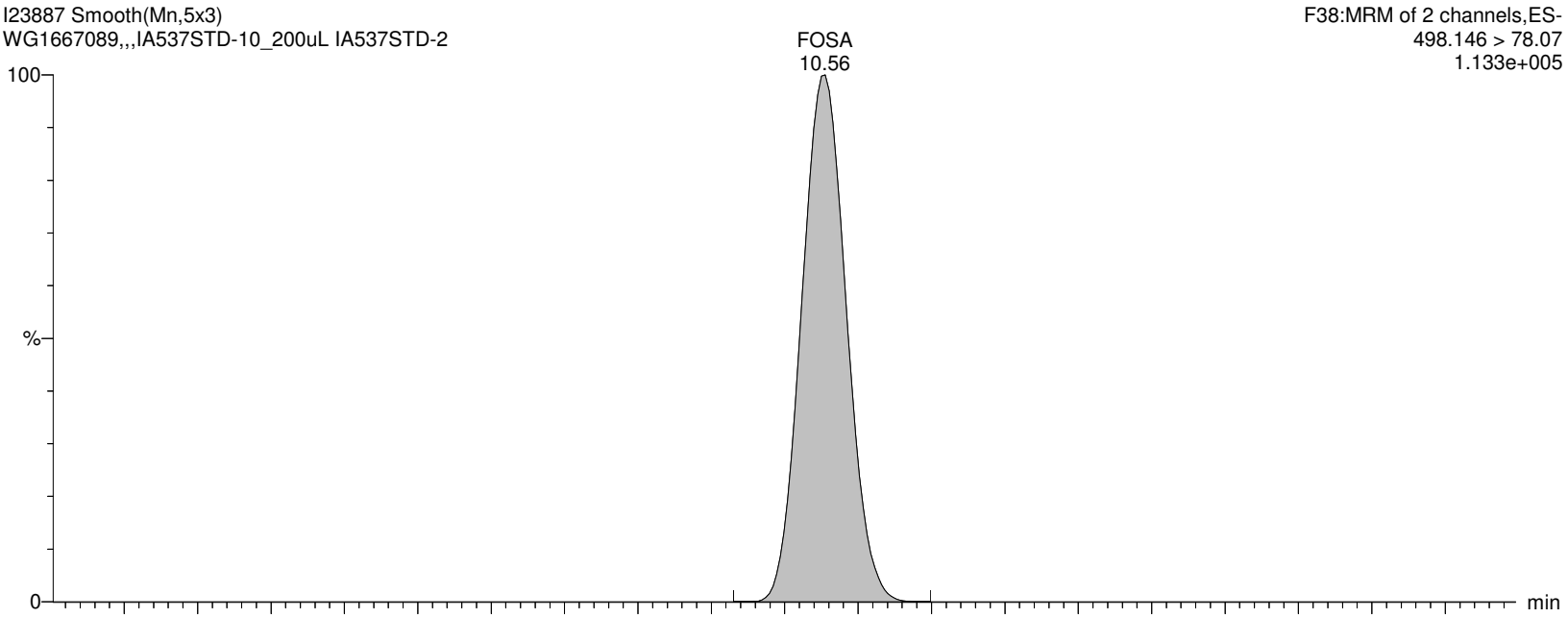


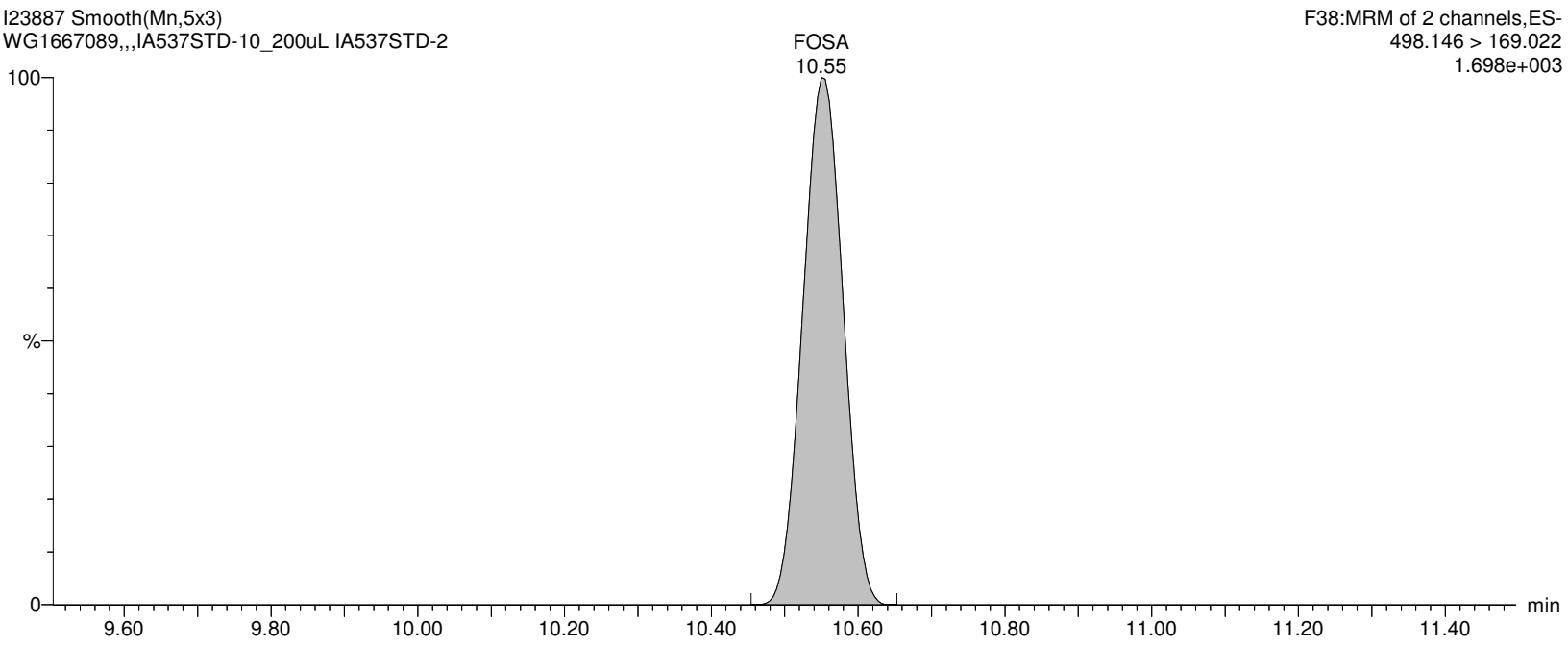
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

FOSA



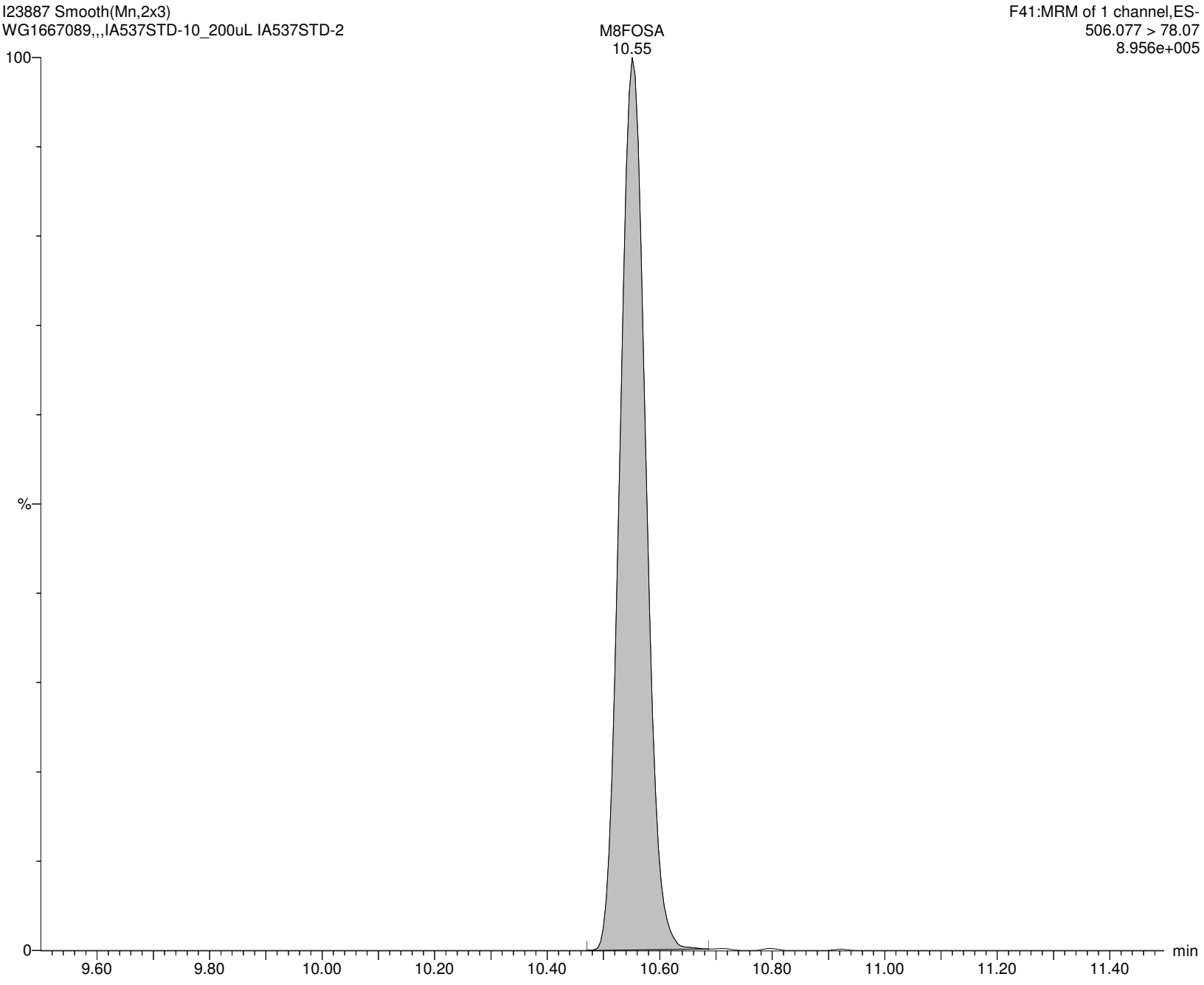


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M8FOSA

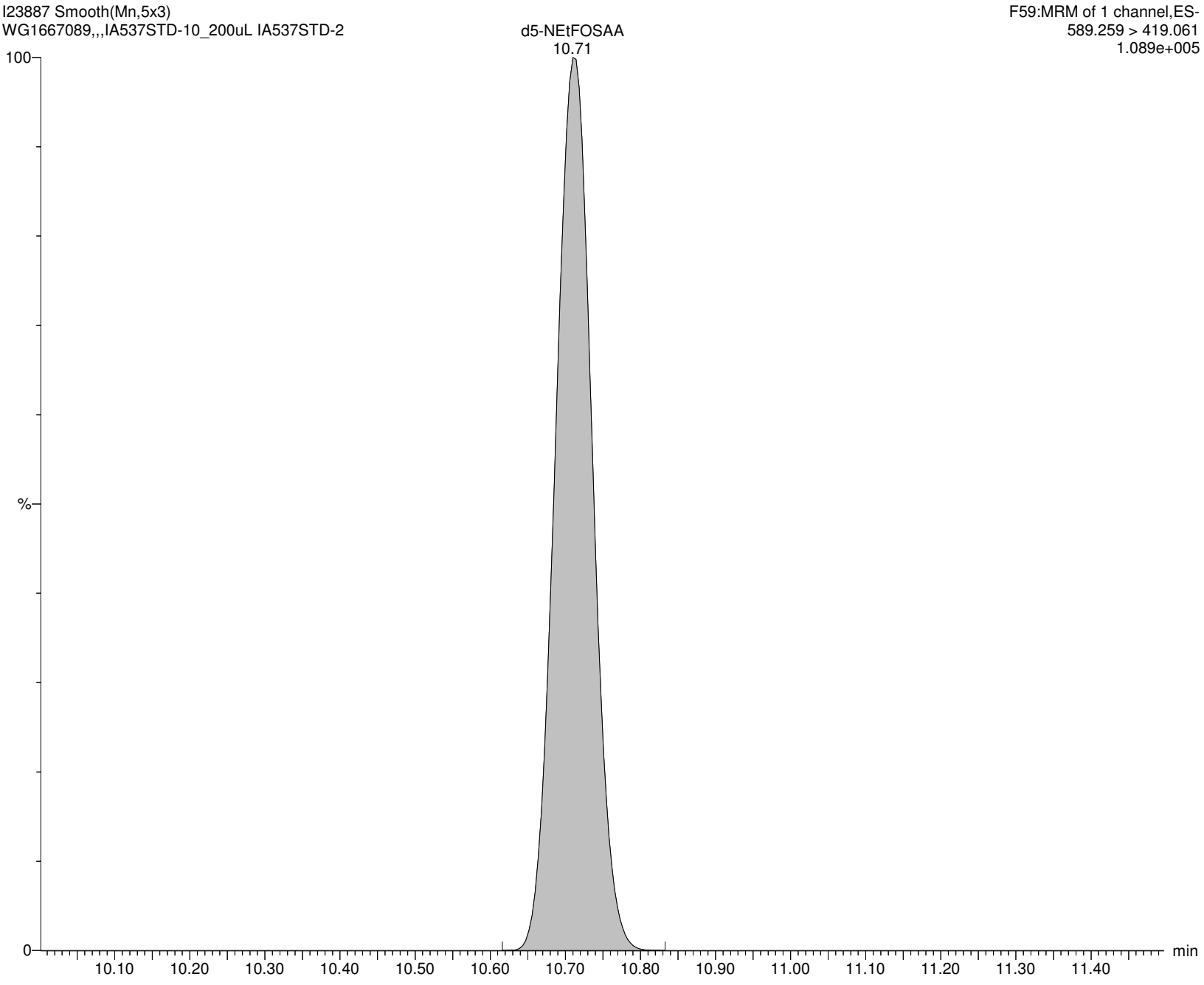


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

d5-NEtFOSAA

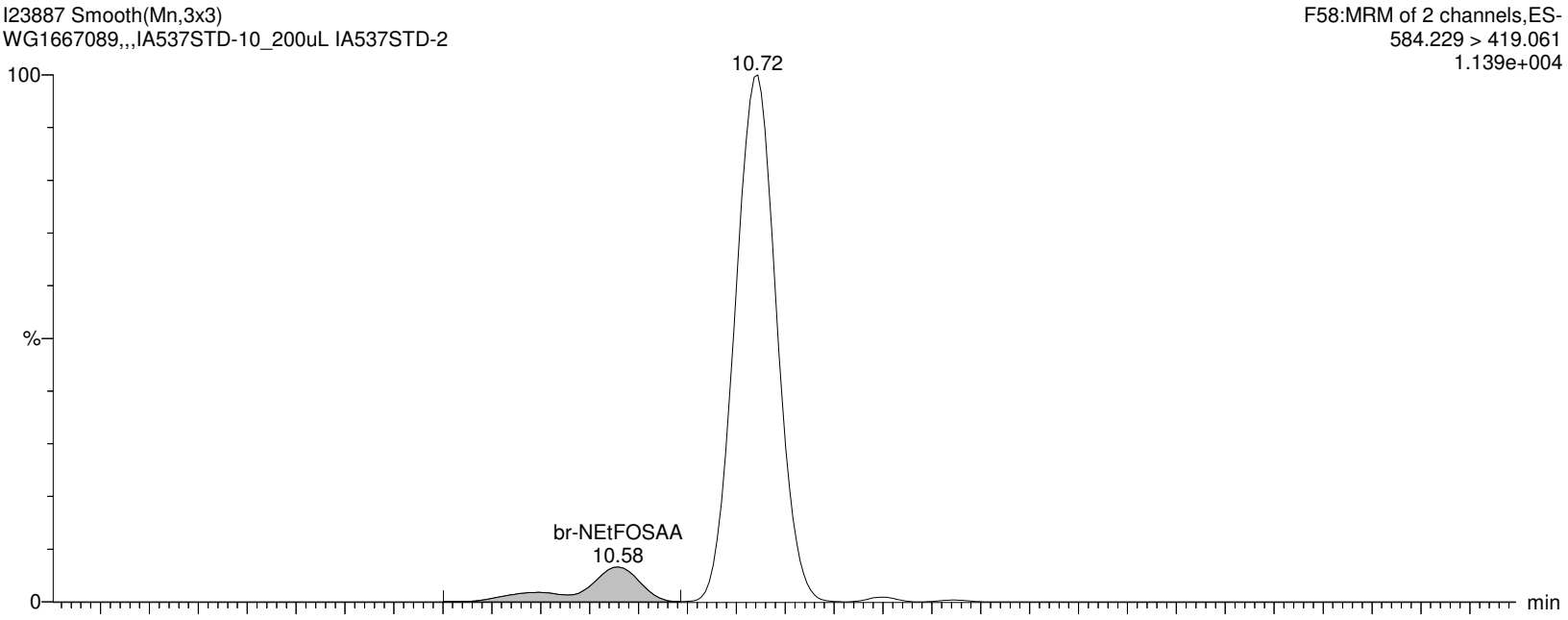


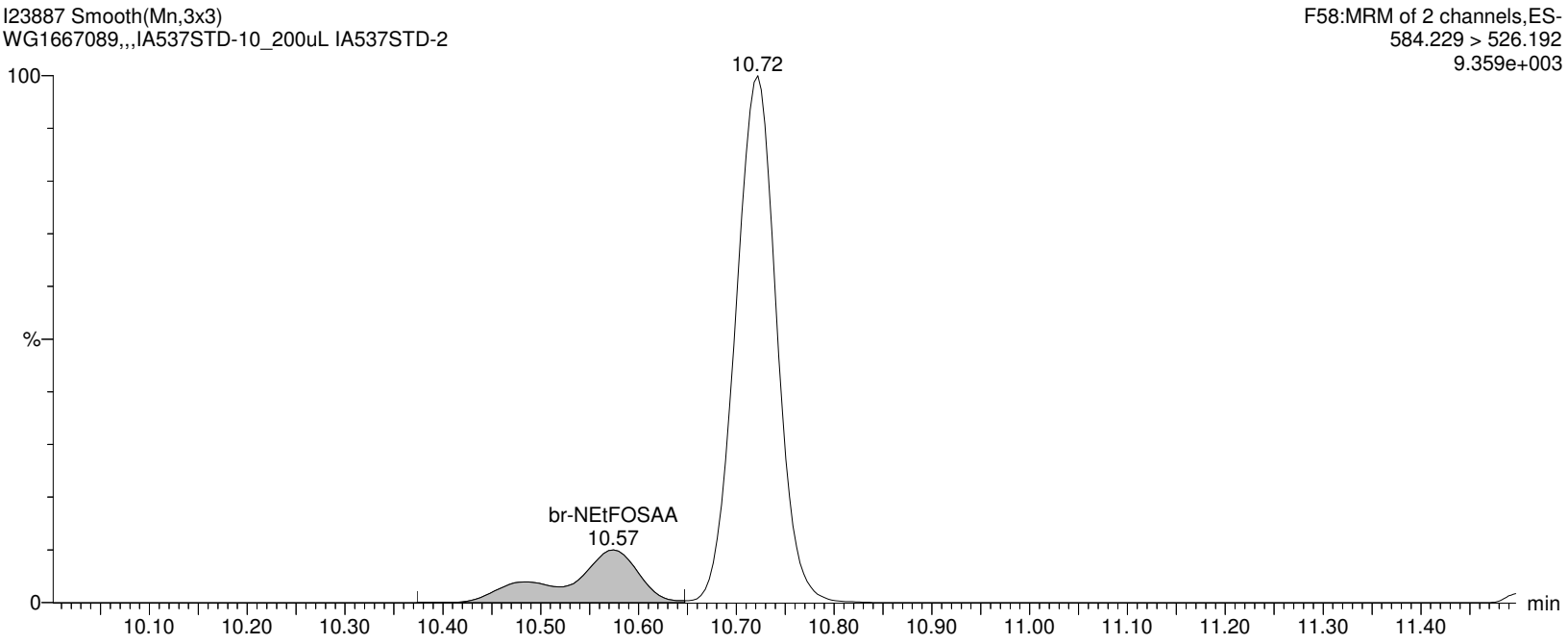
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

br-NEtFOSAA



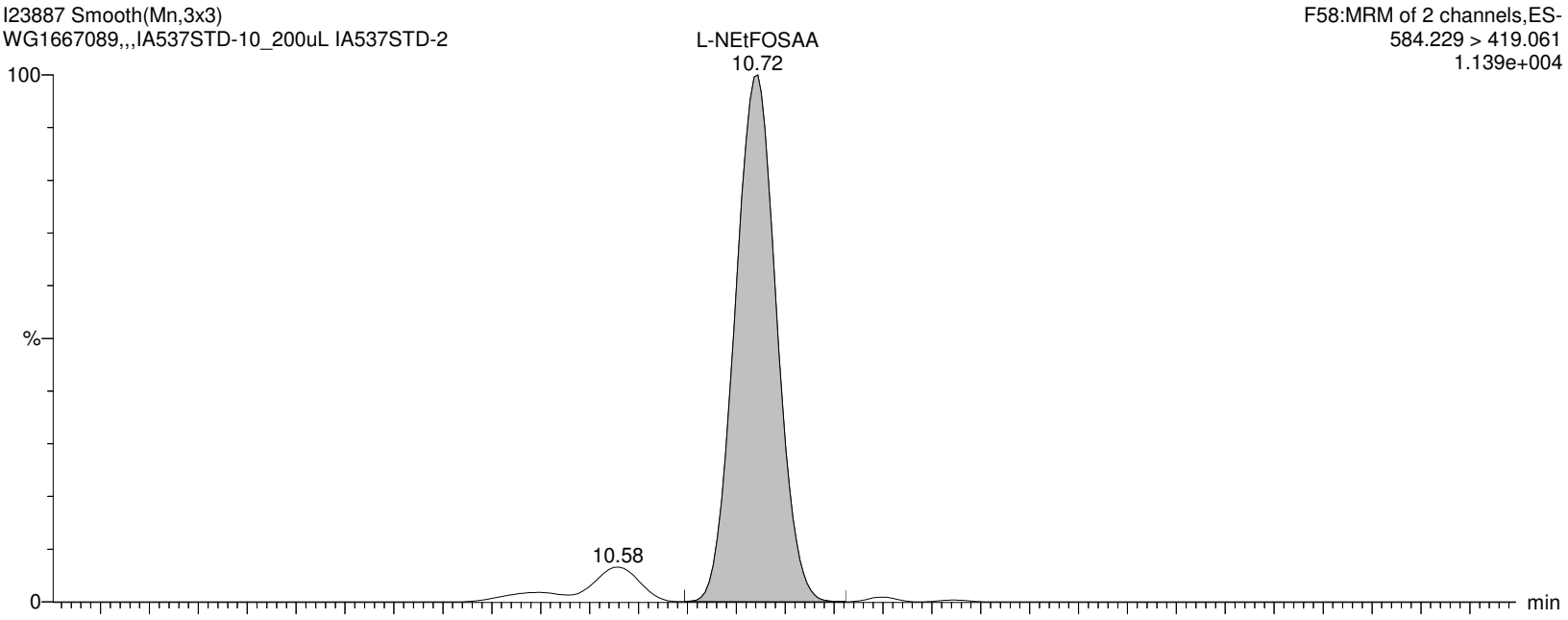


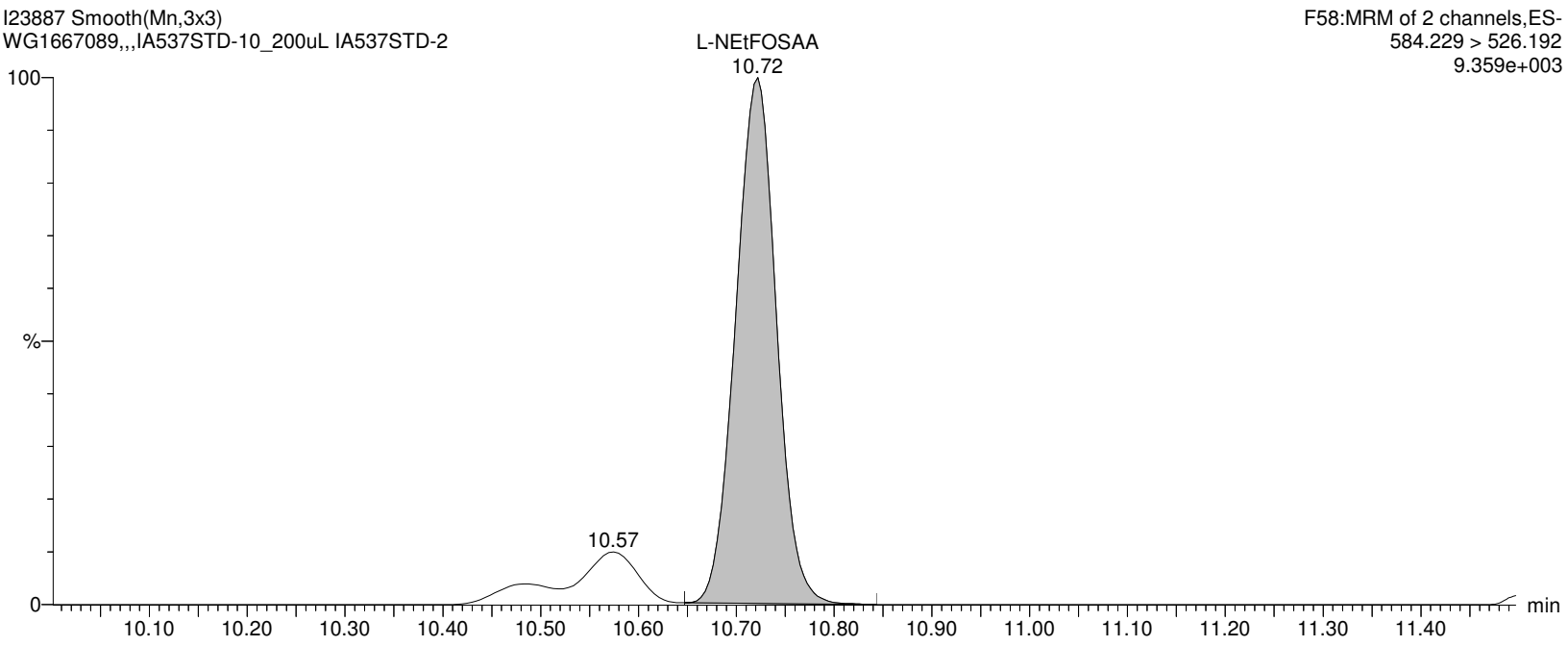
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

L-NEtFOSAA



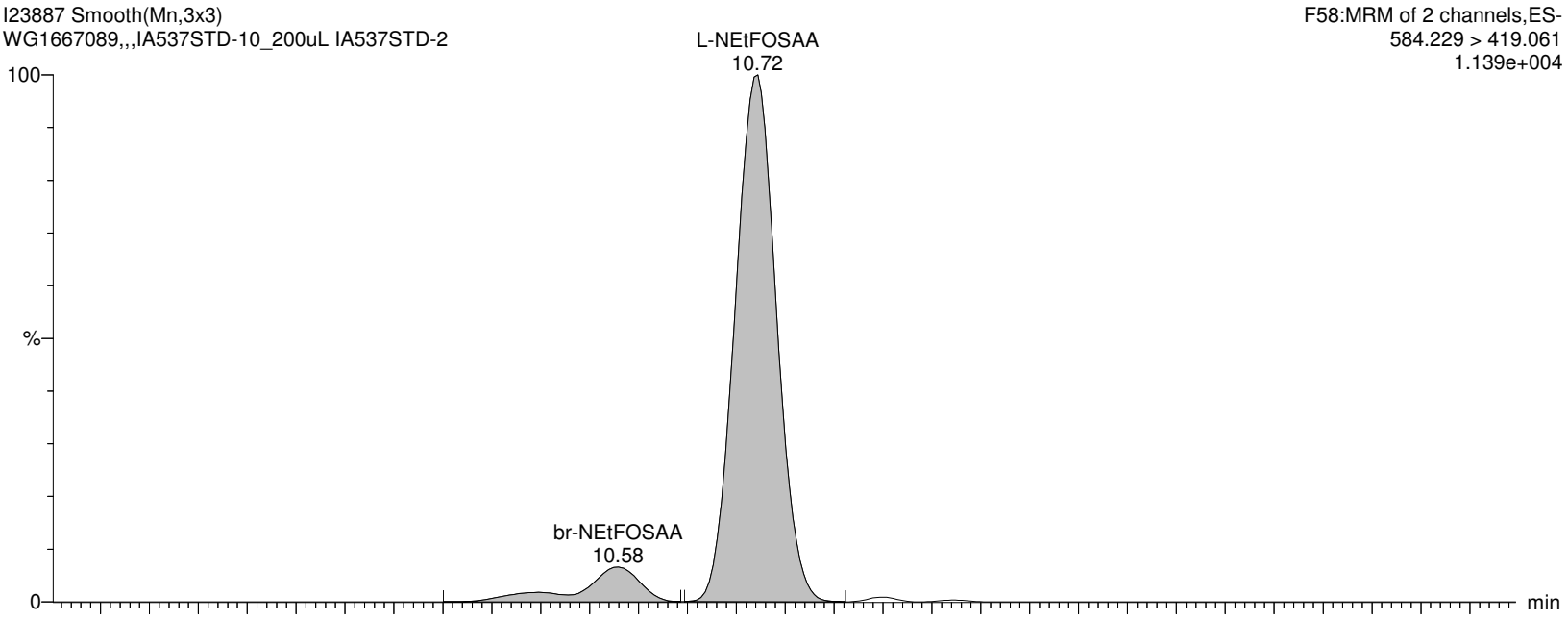


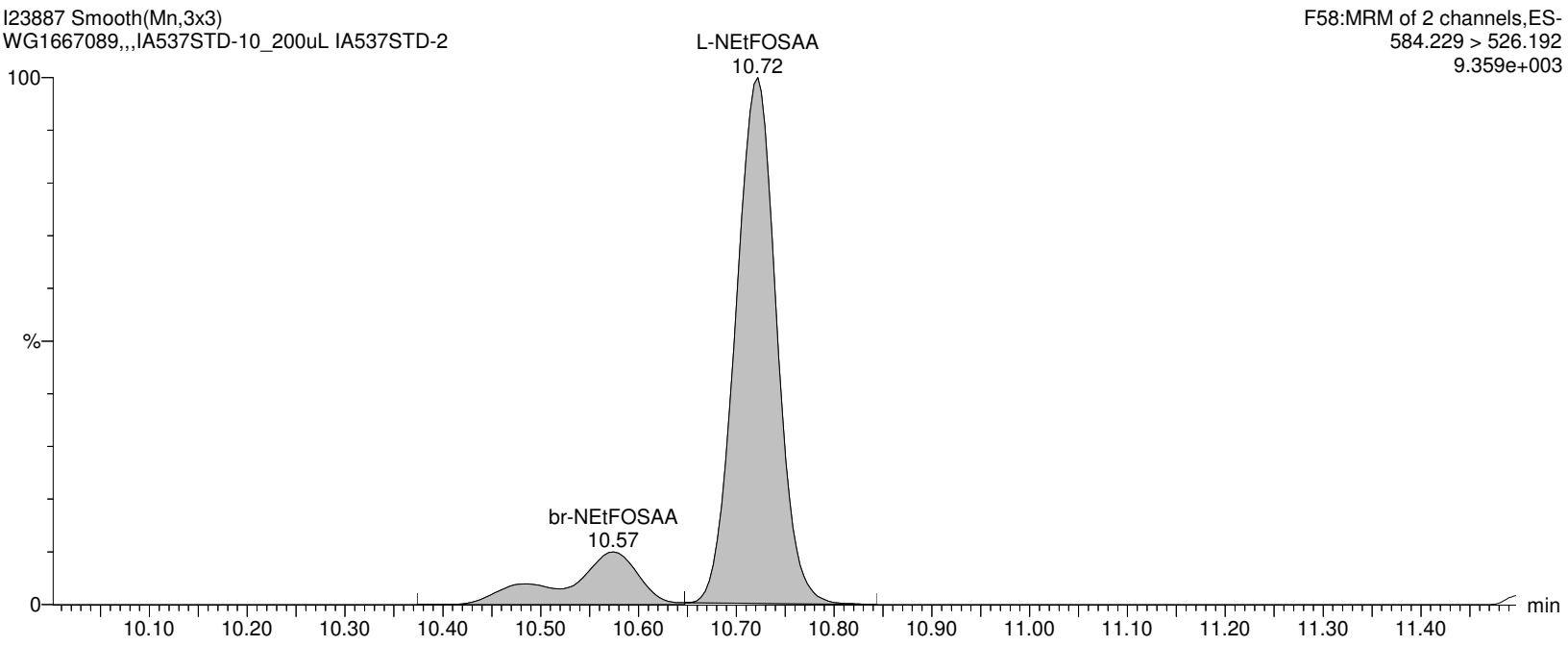
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NEtFOSAA



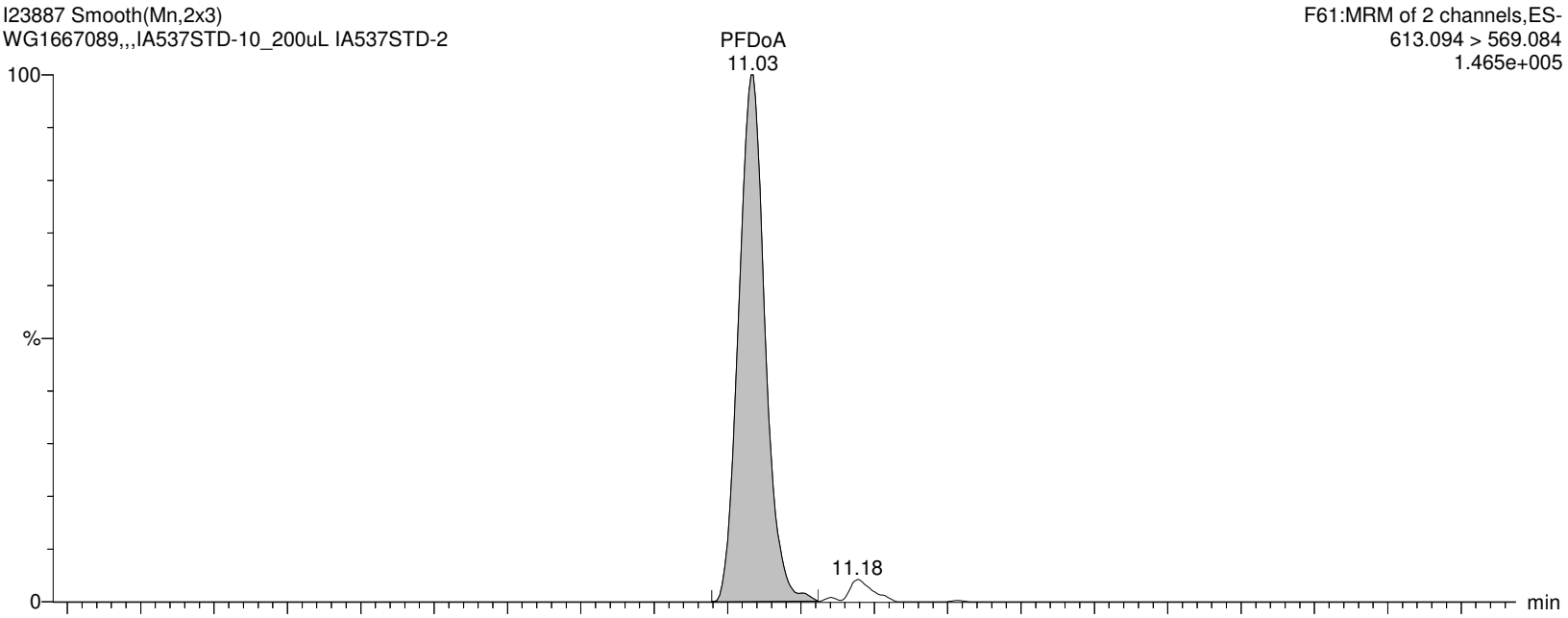


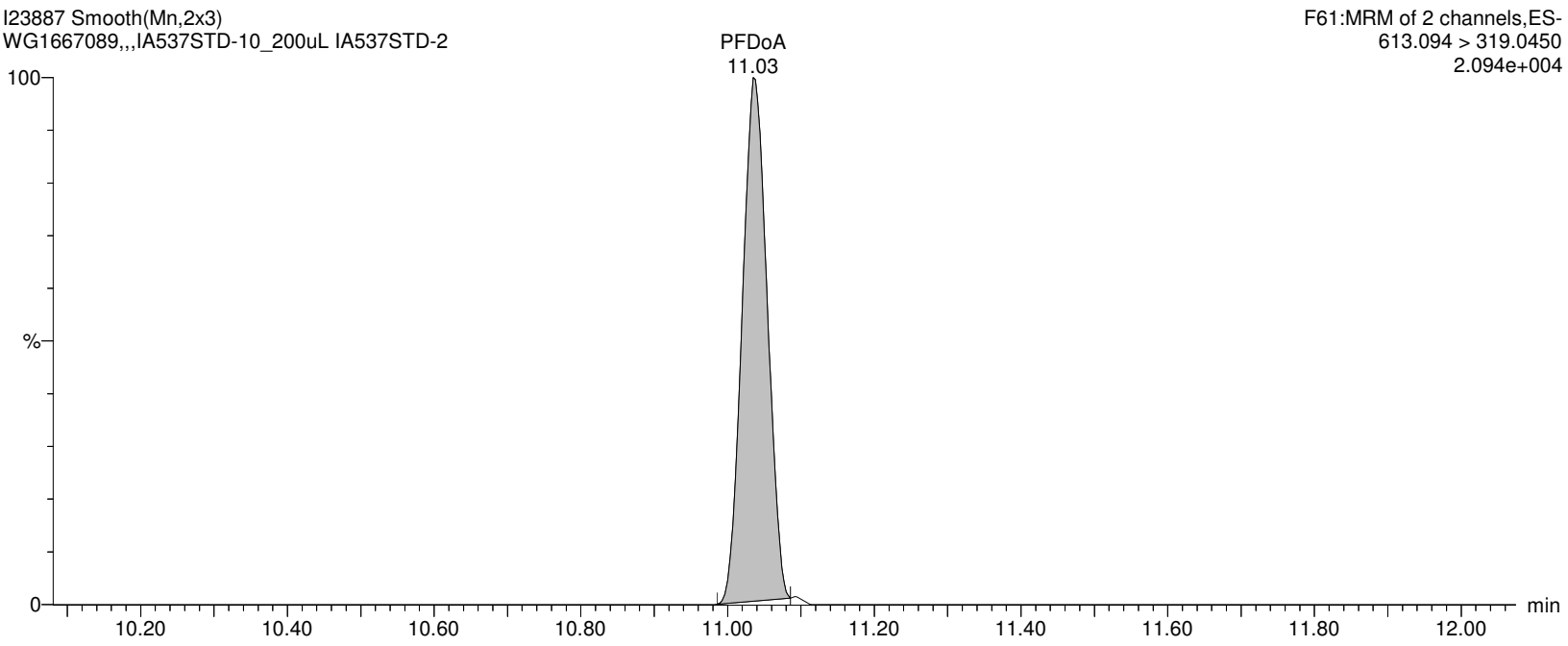
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFDoA



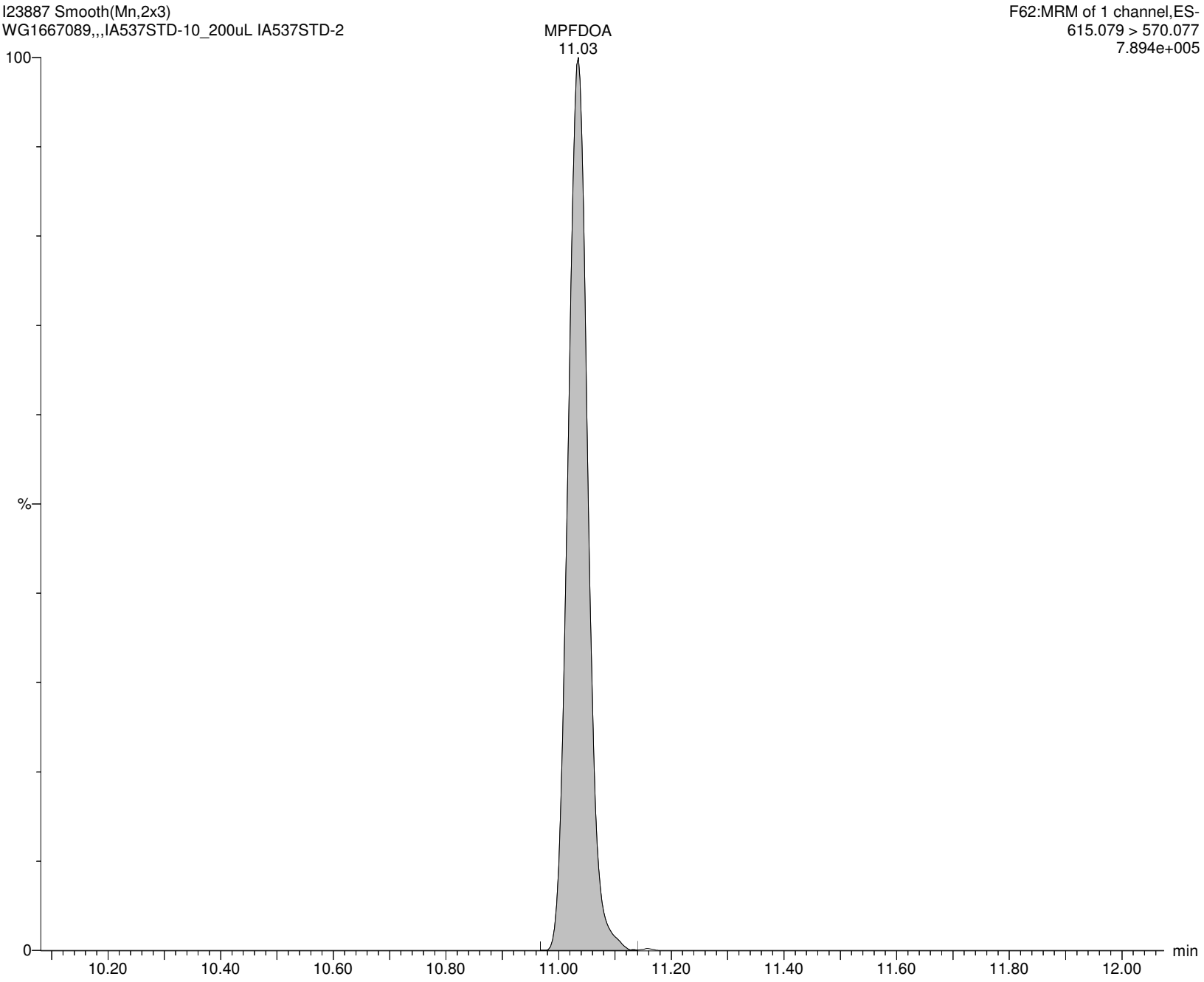


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

MPFDOA

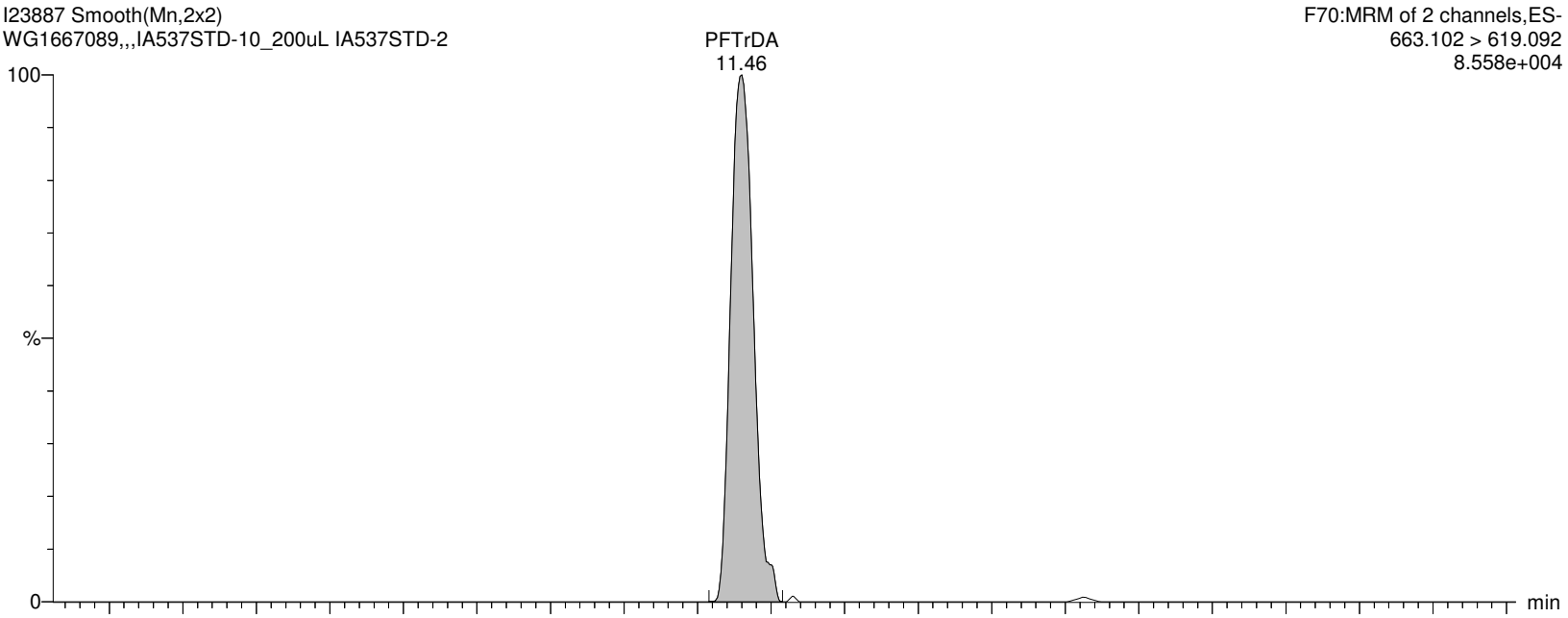


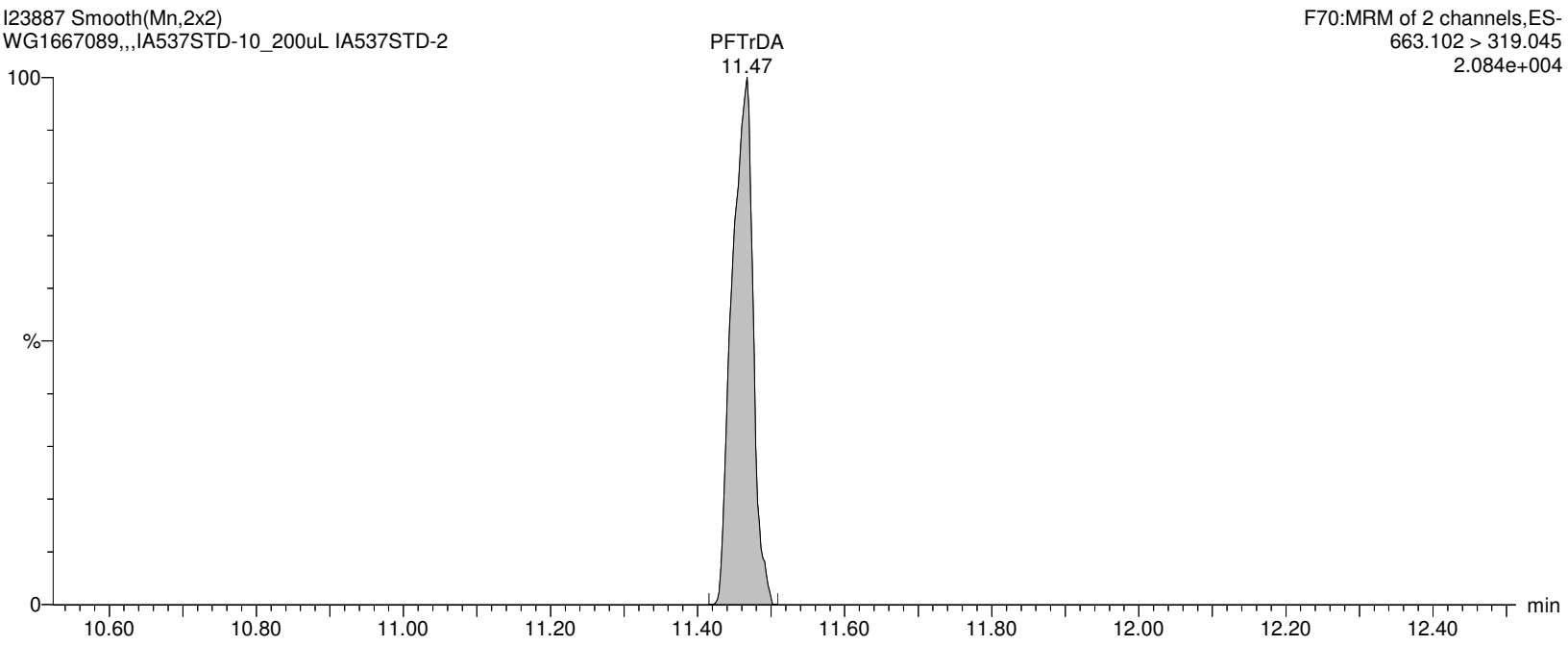
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFTrDA



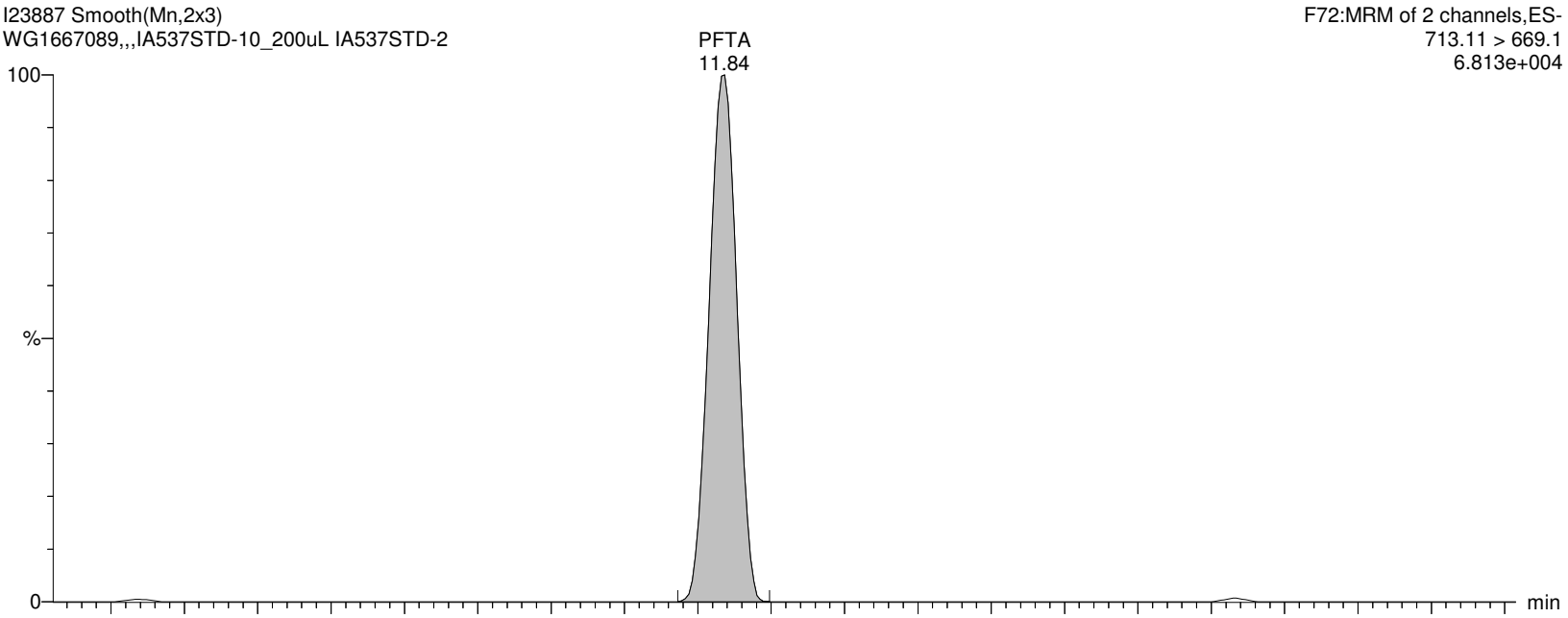


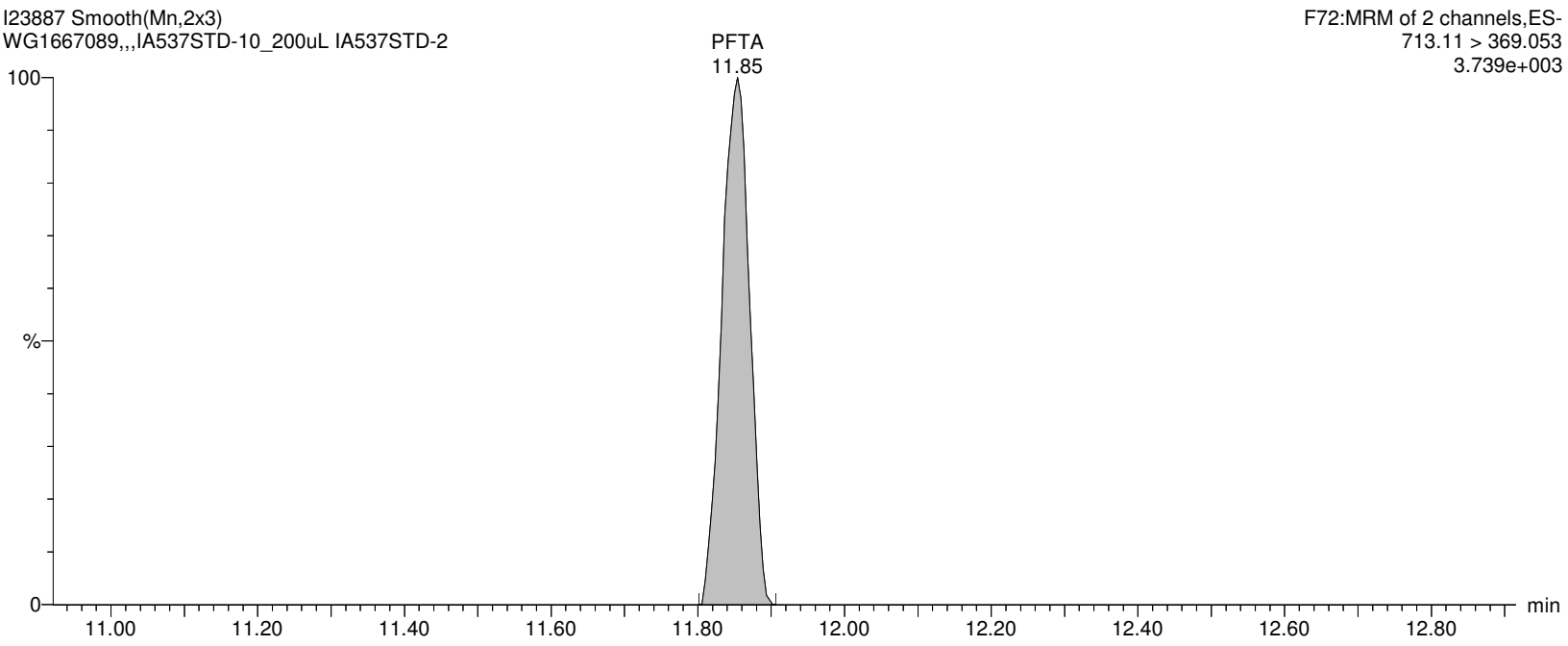
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFTA



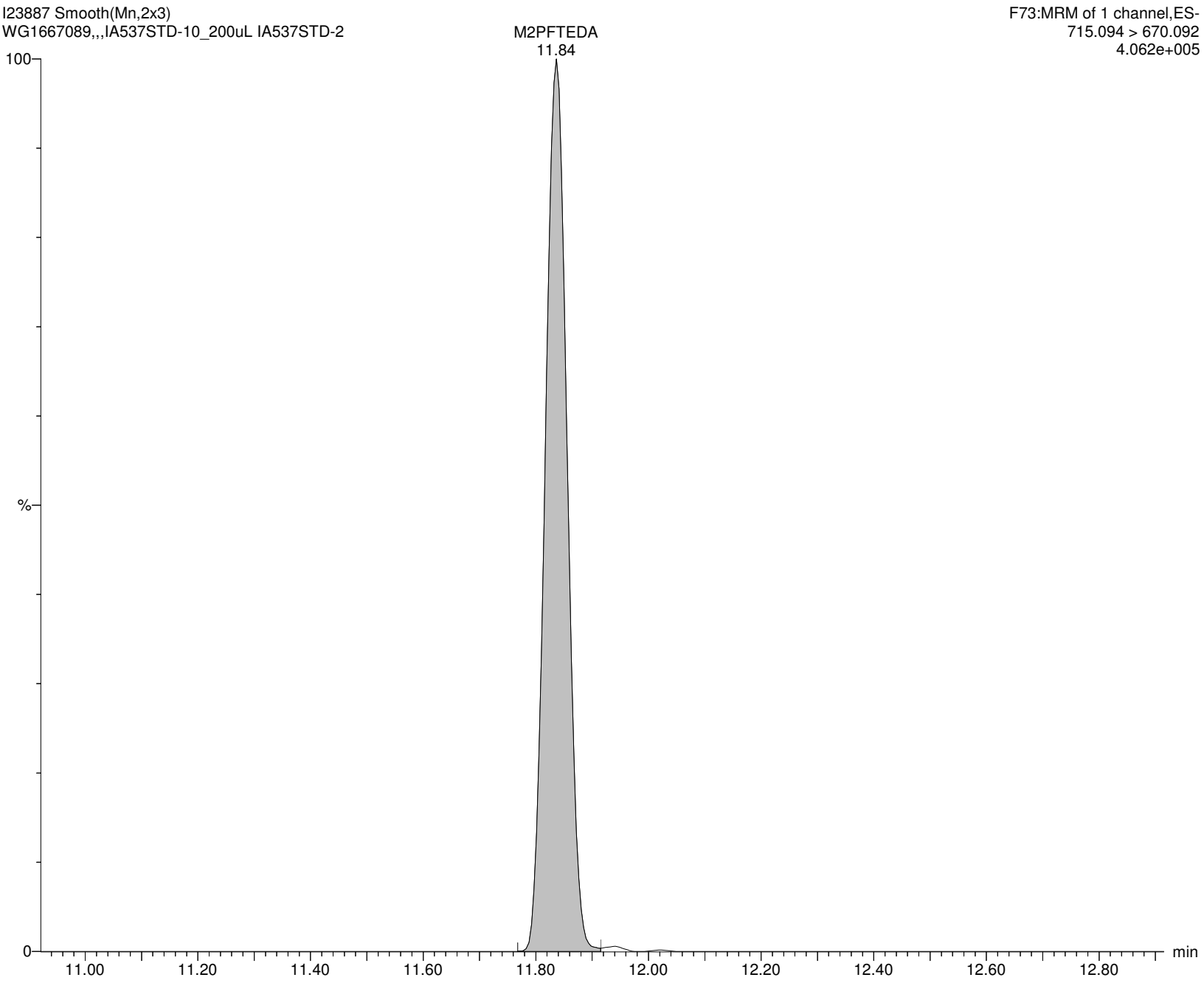


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2PFTEDA

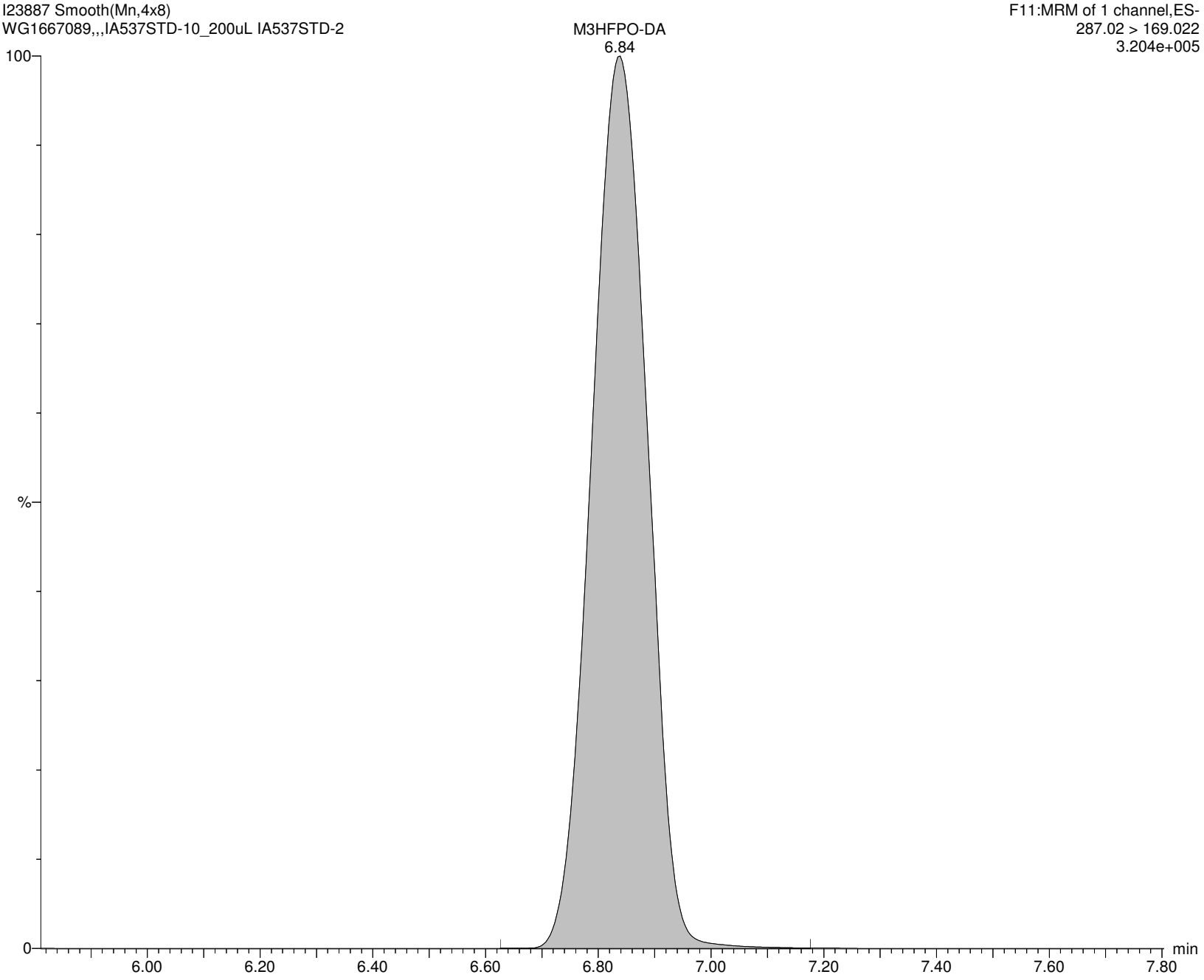


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M3HFPO-DA

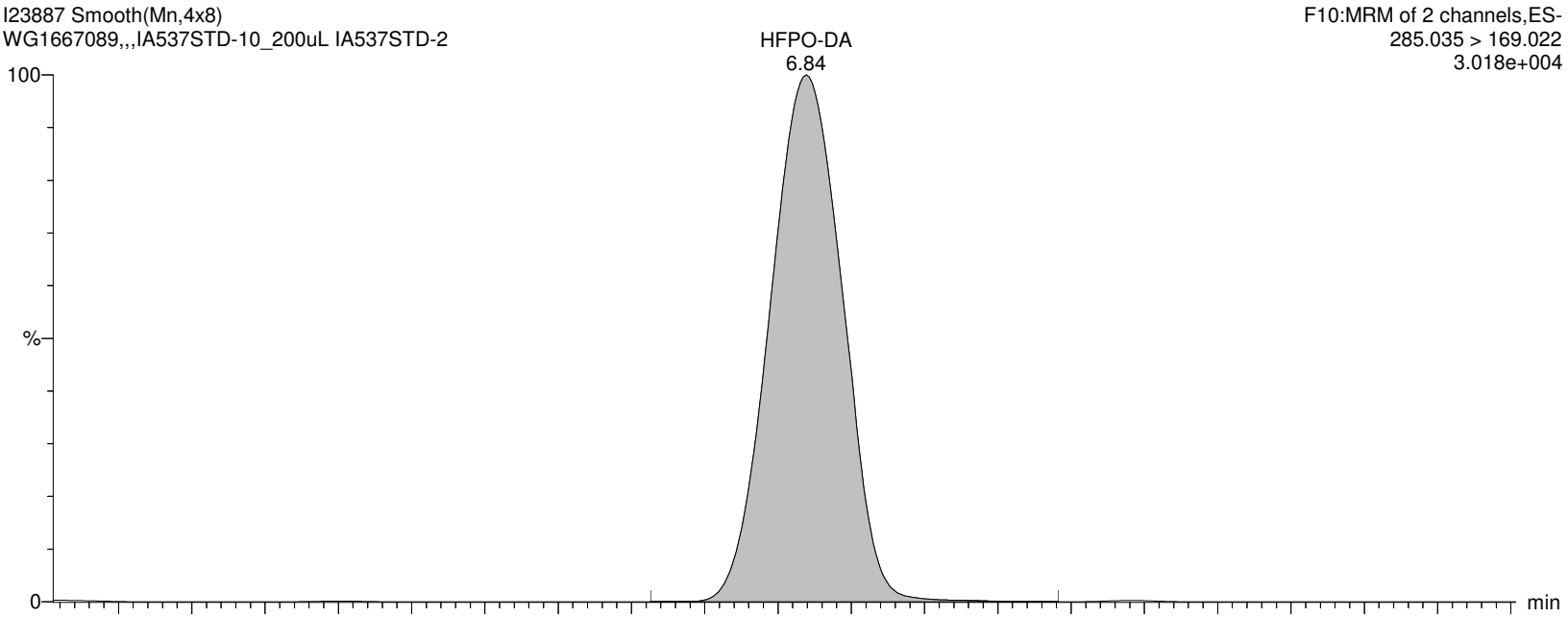


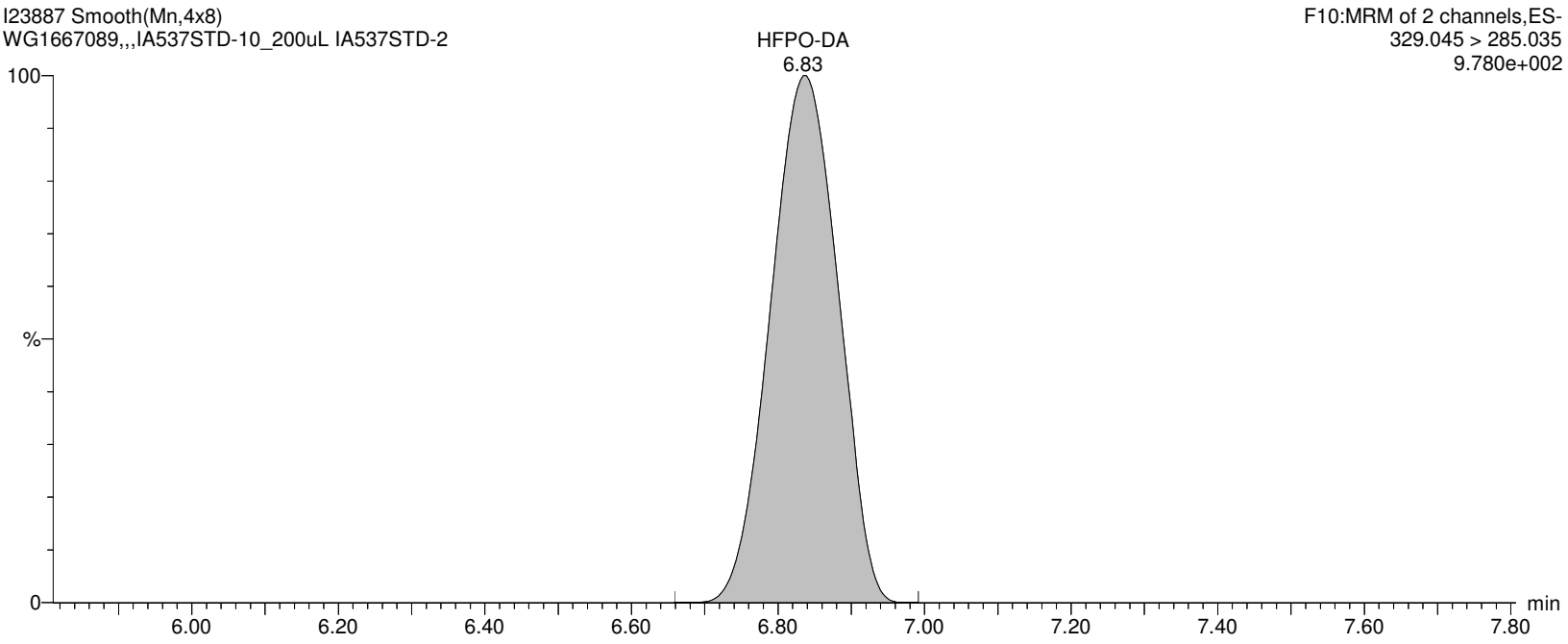
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

HFPO-DA



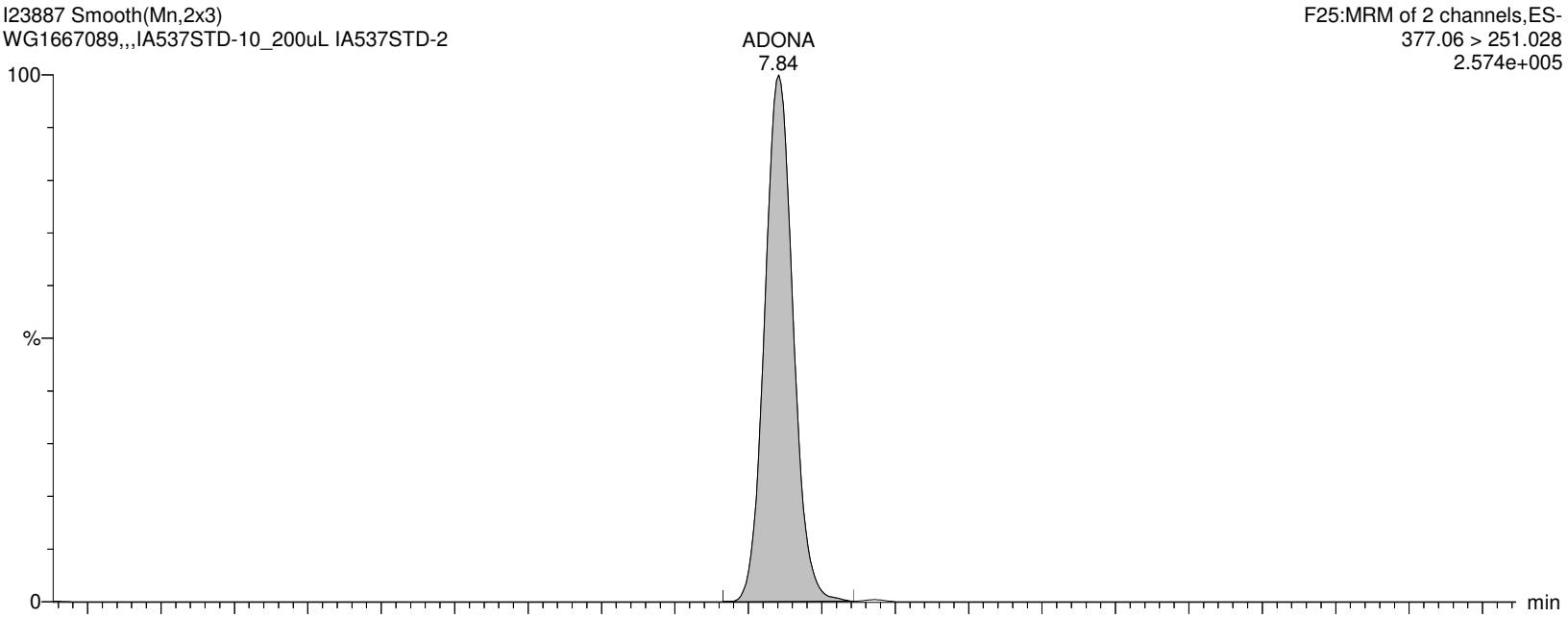


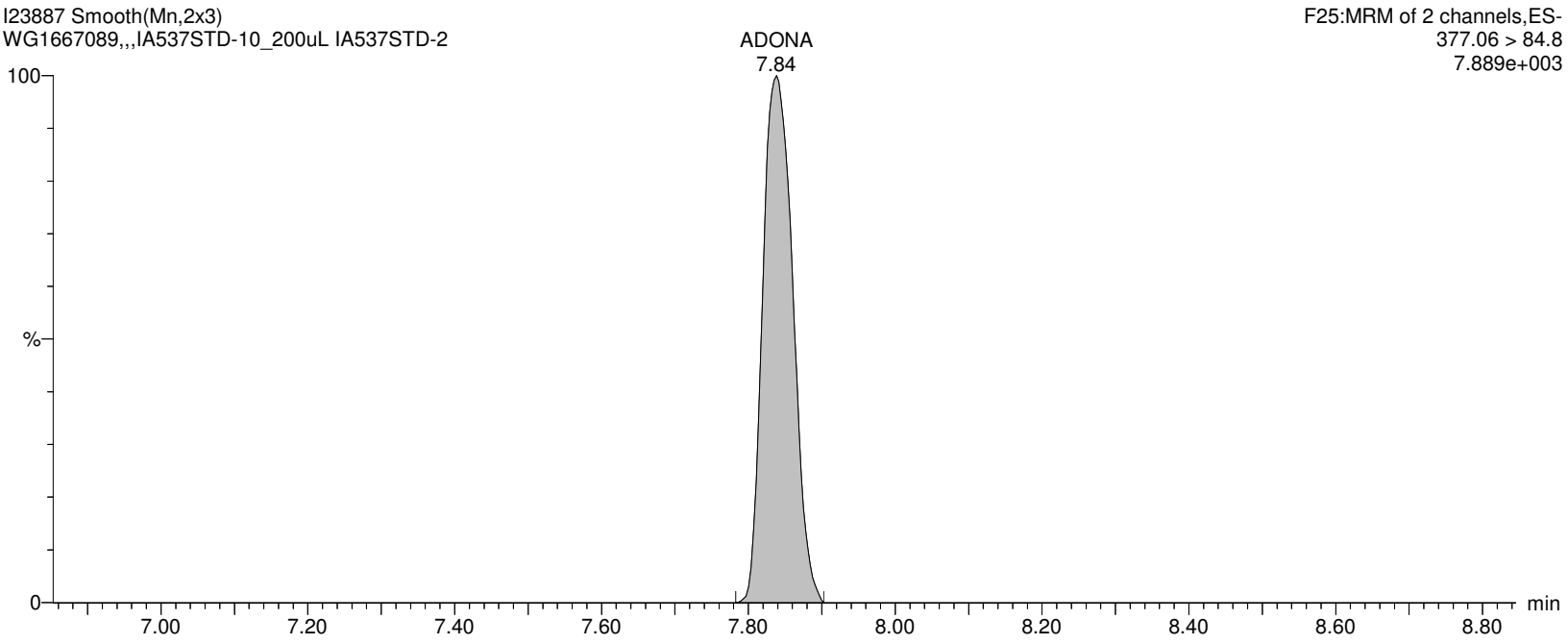
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

ADONA



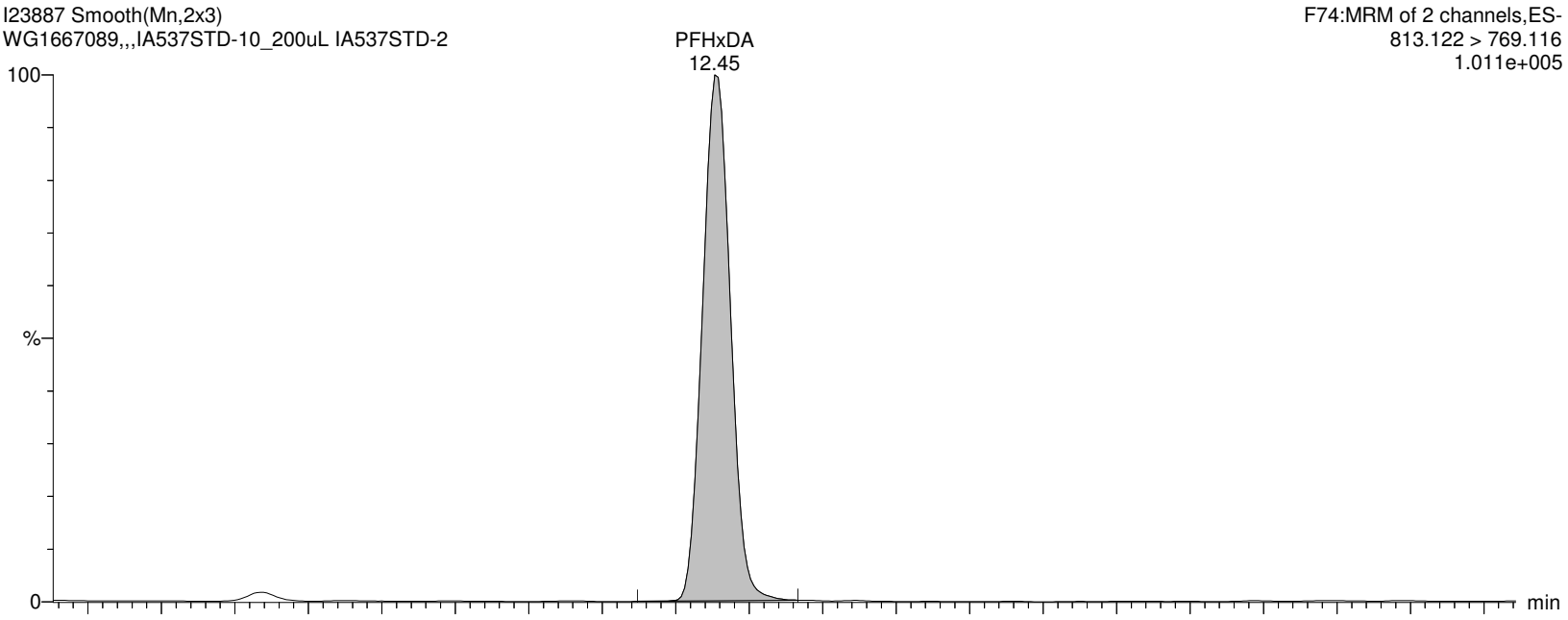


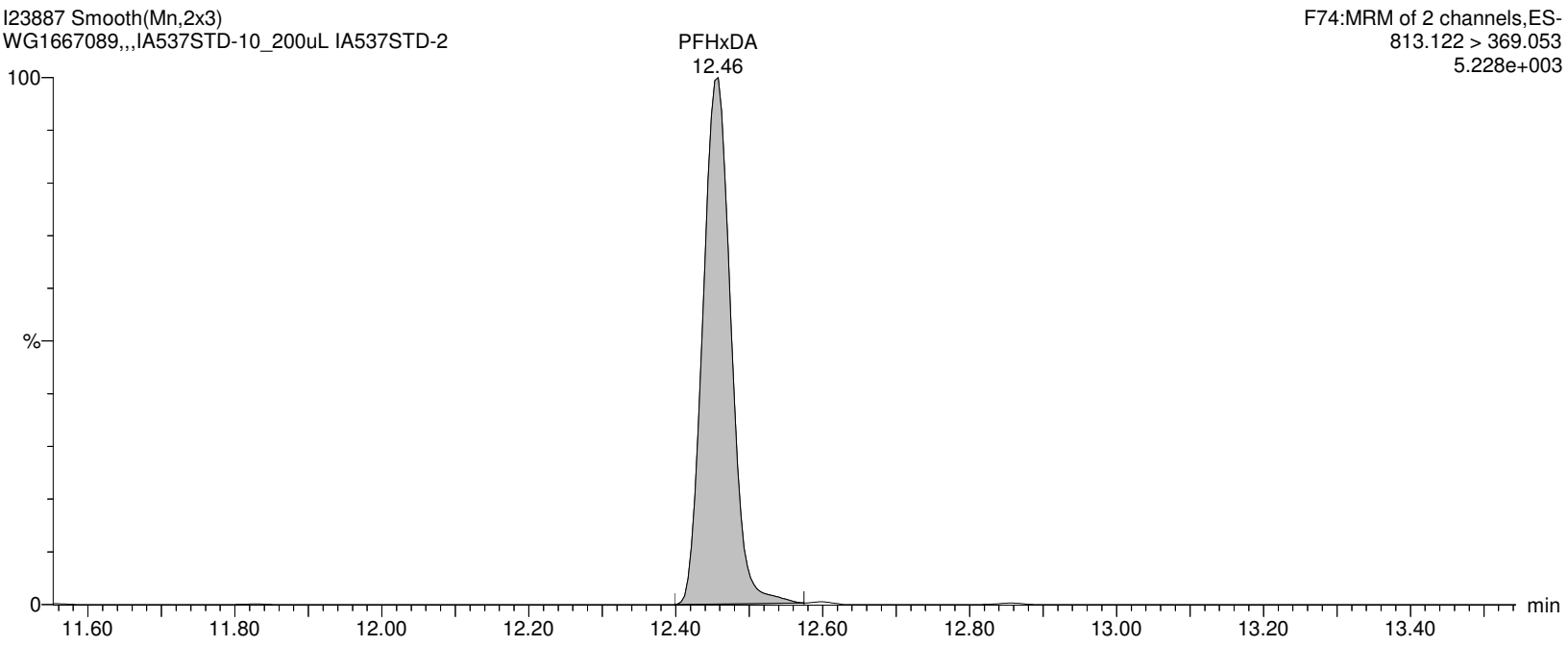
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFHxDA



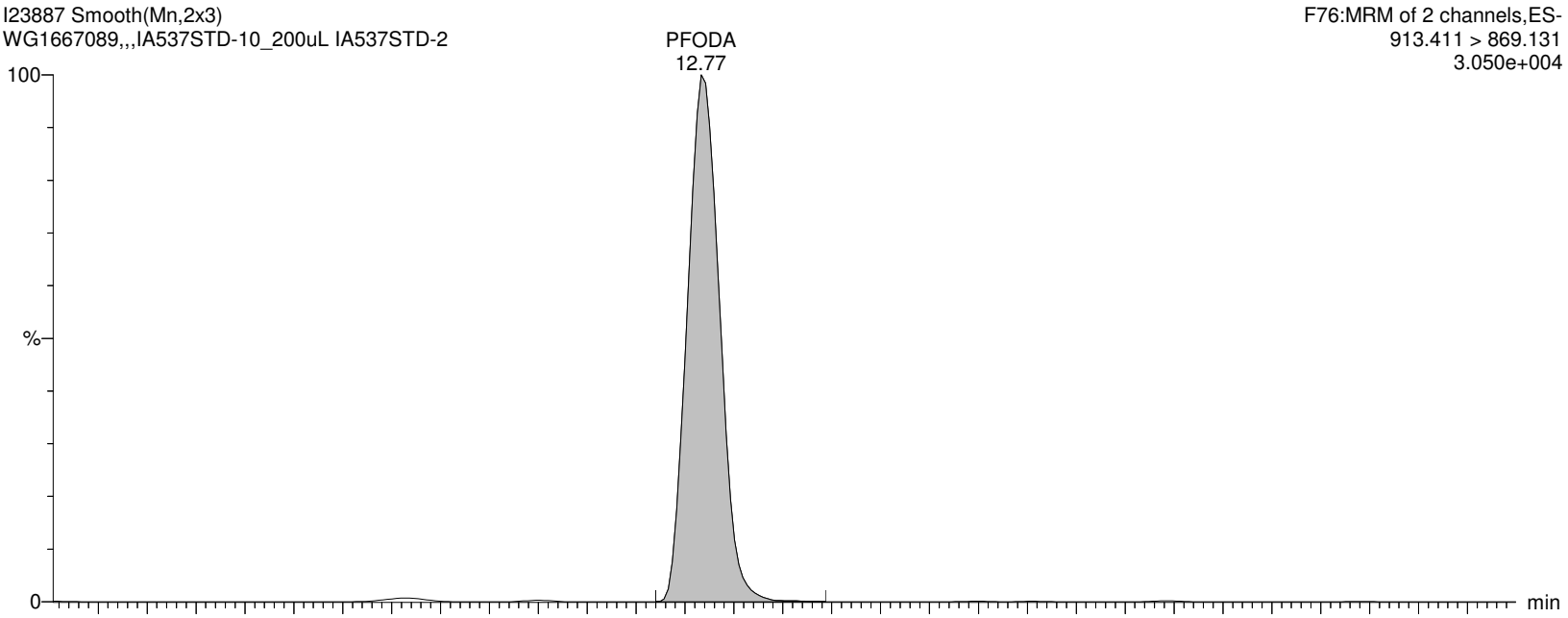


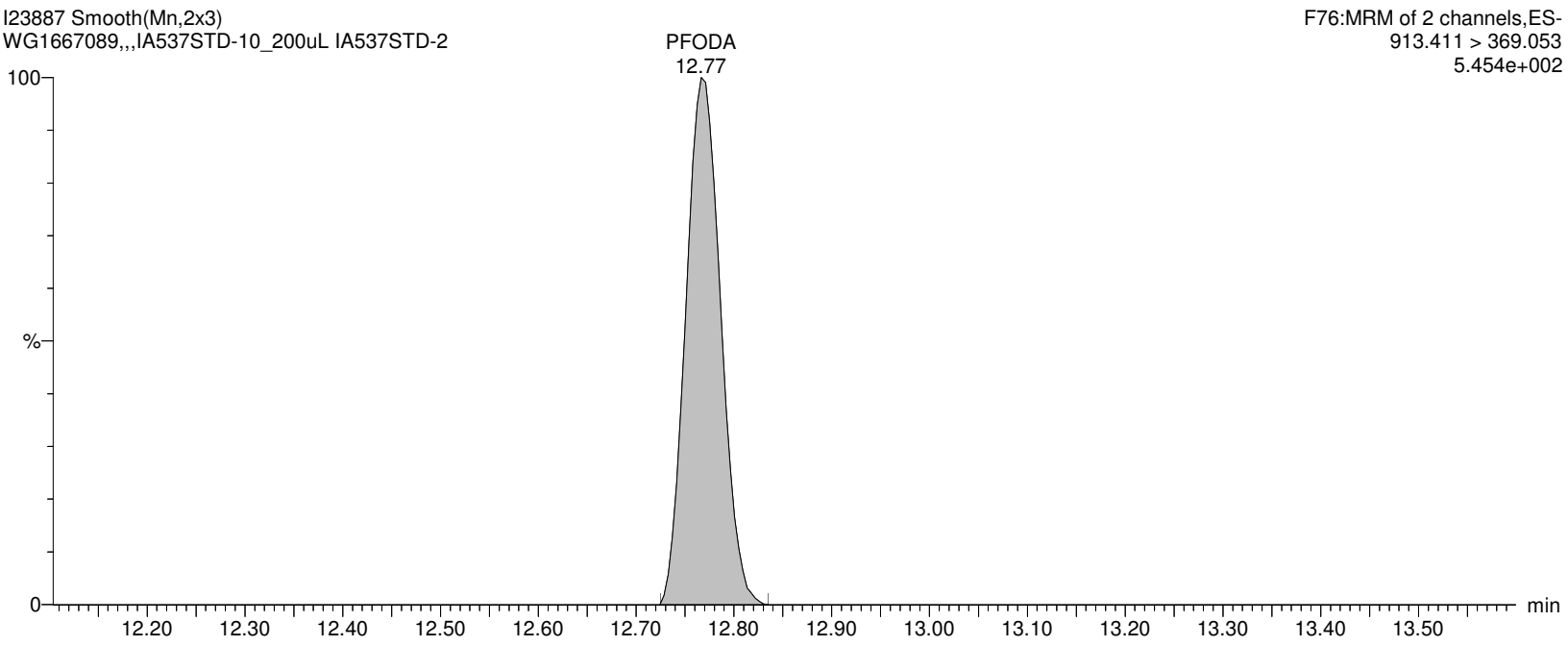
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFODA



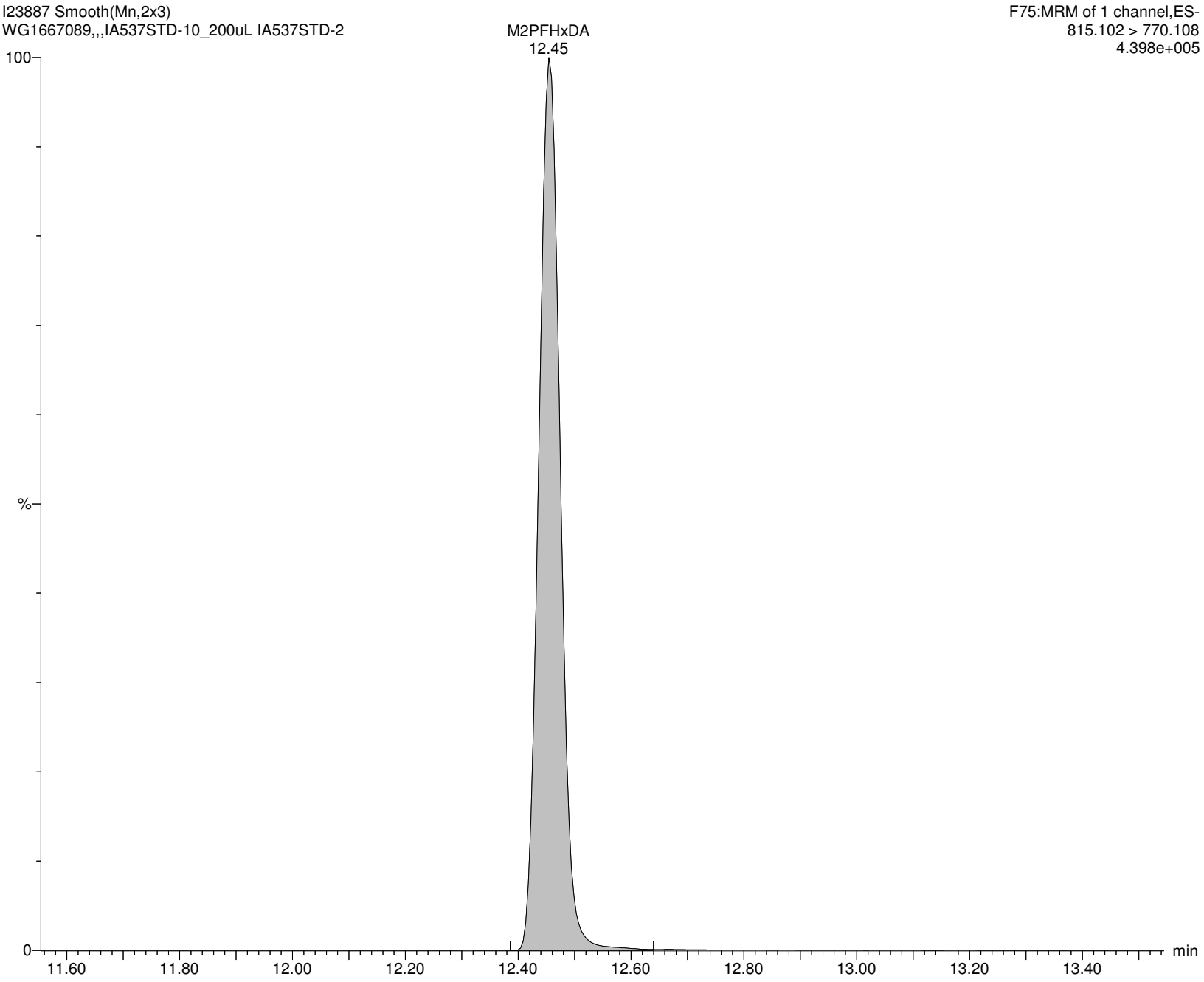


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2PFHxDA

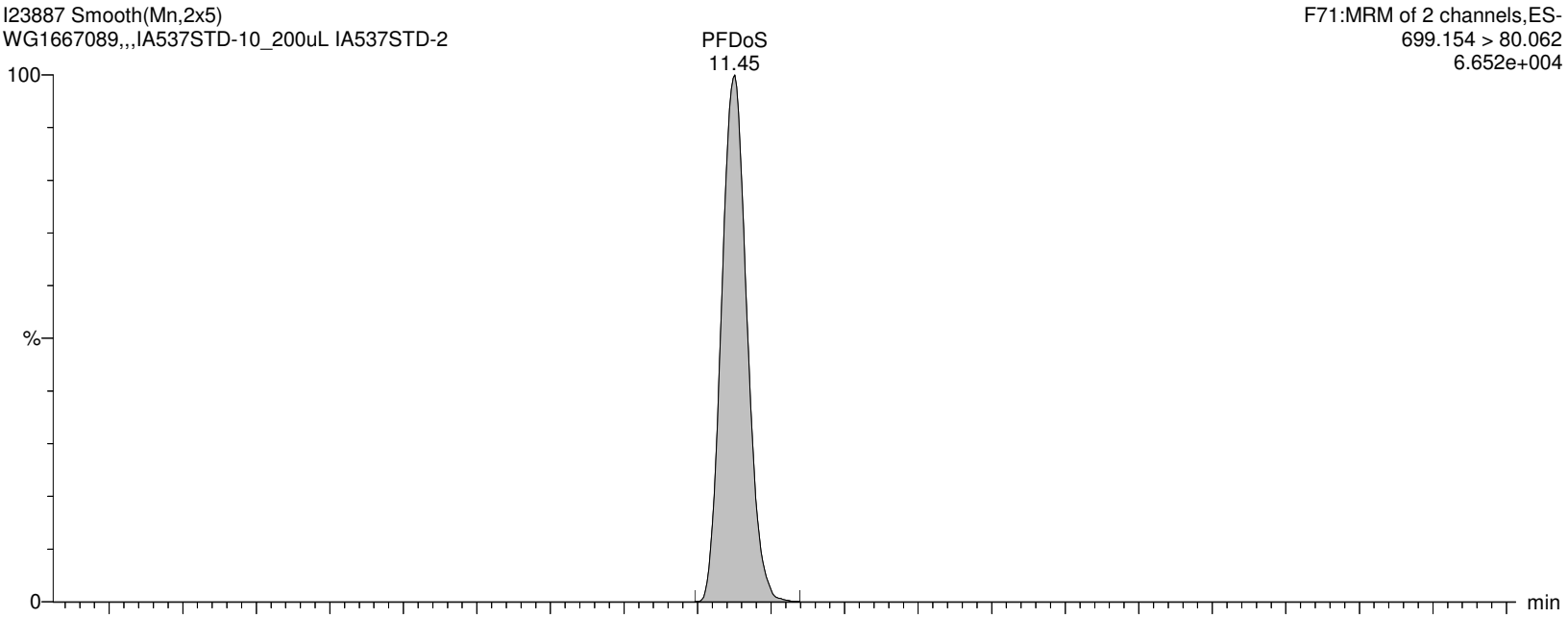


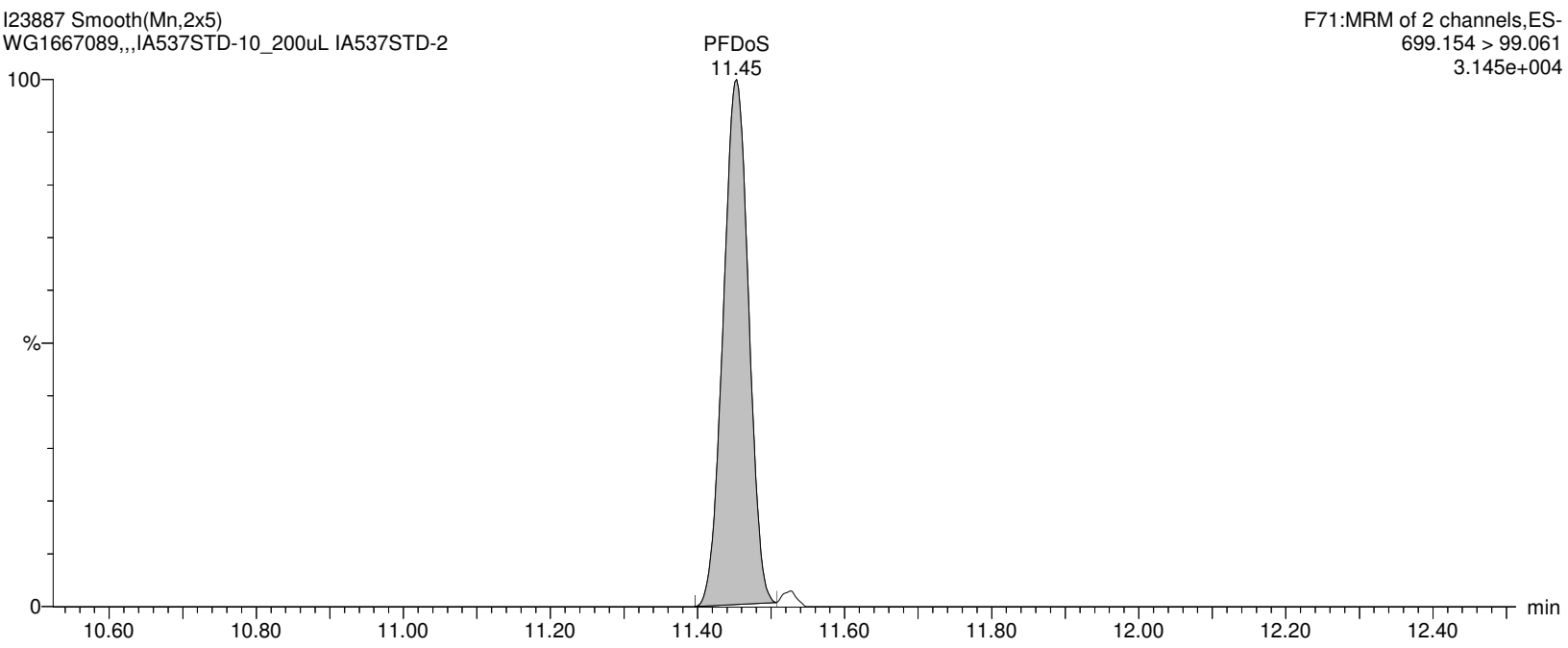
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFDoS



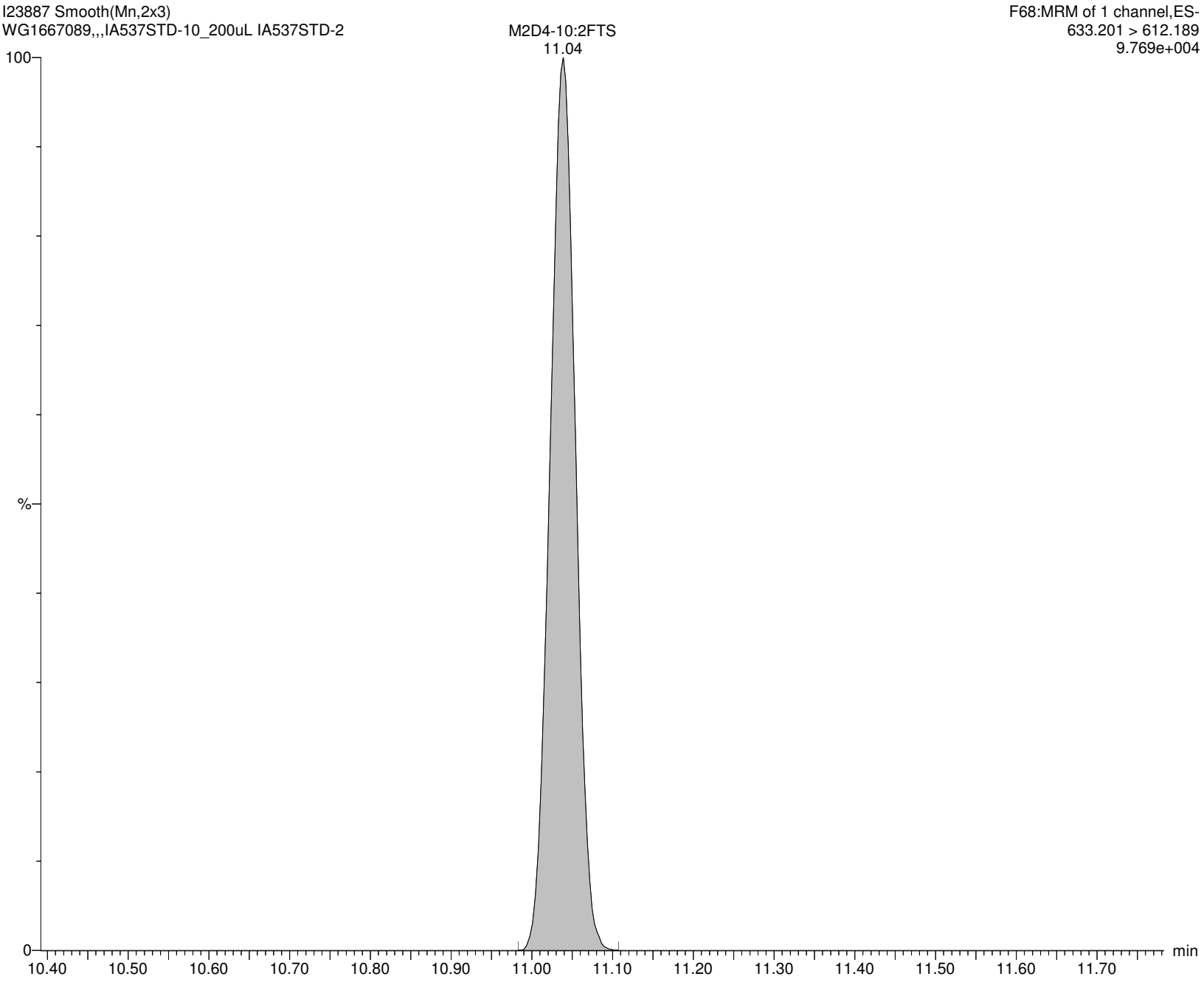


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2D4-10:2FTS

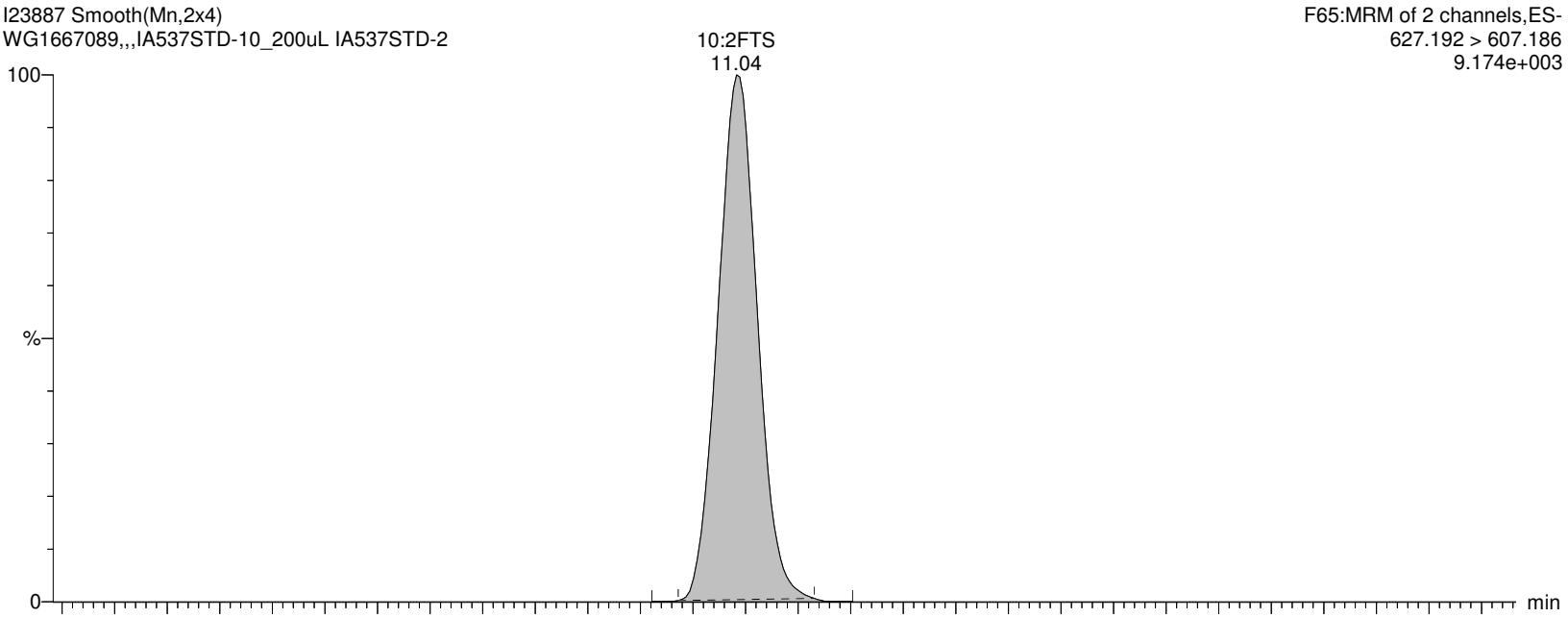


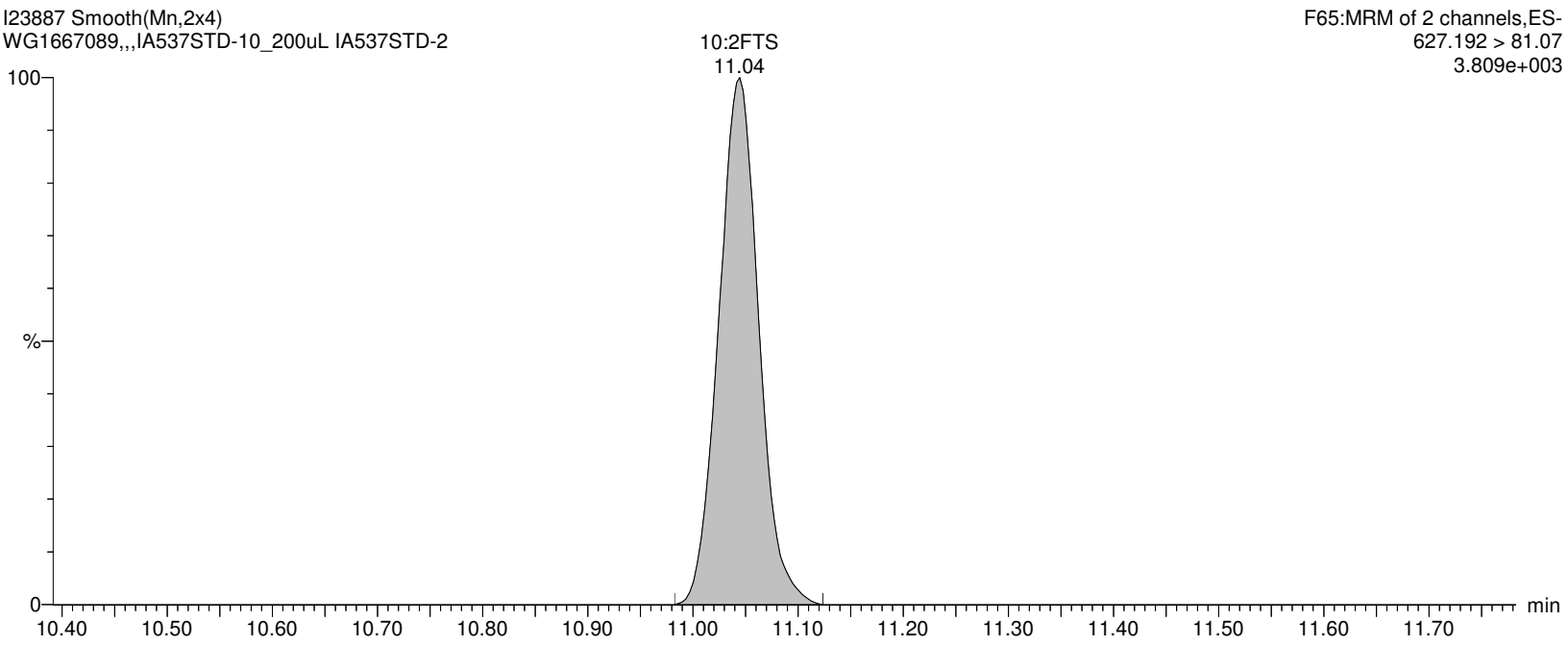
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

10:2FTS



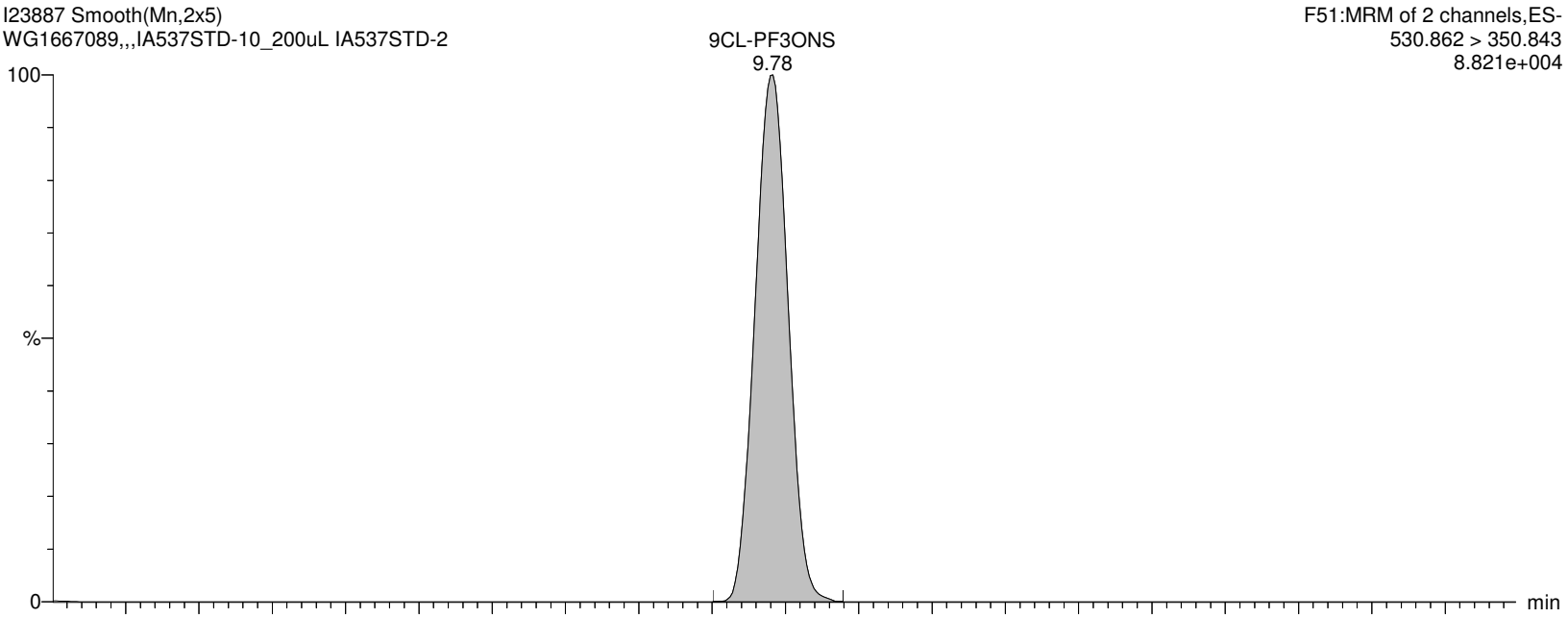


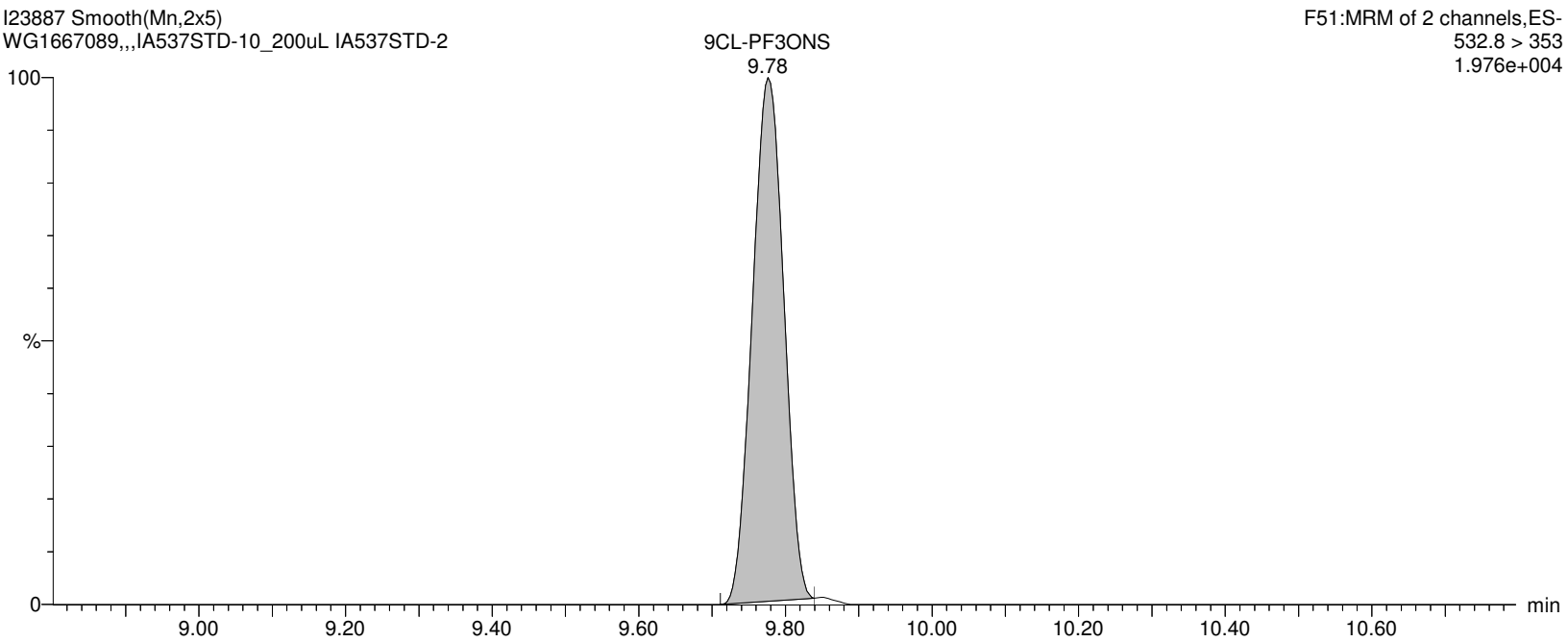
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

9CL-PF3ONS



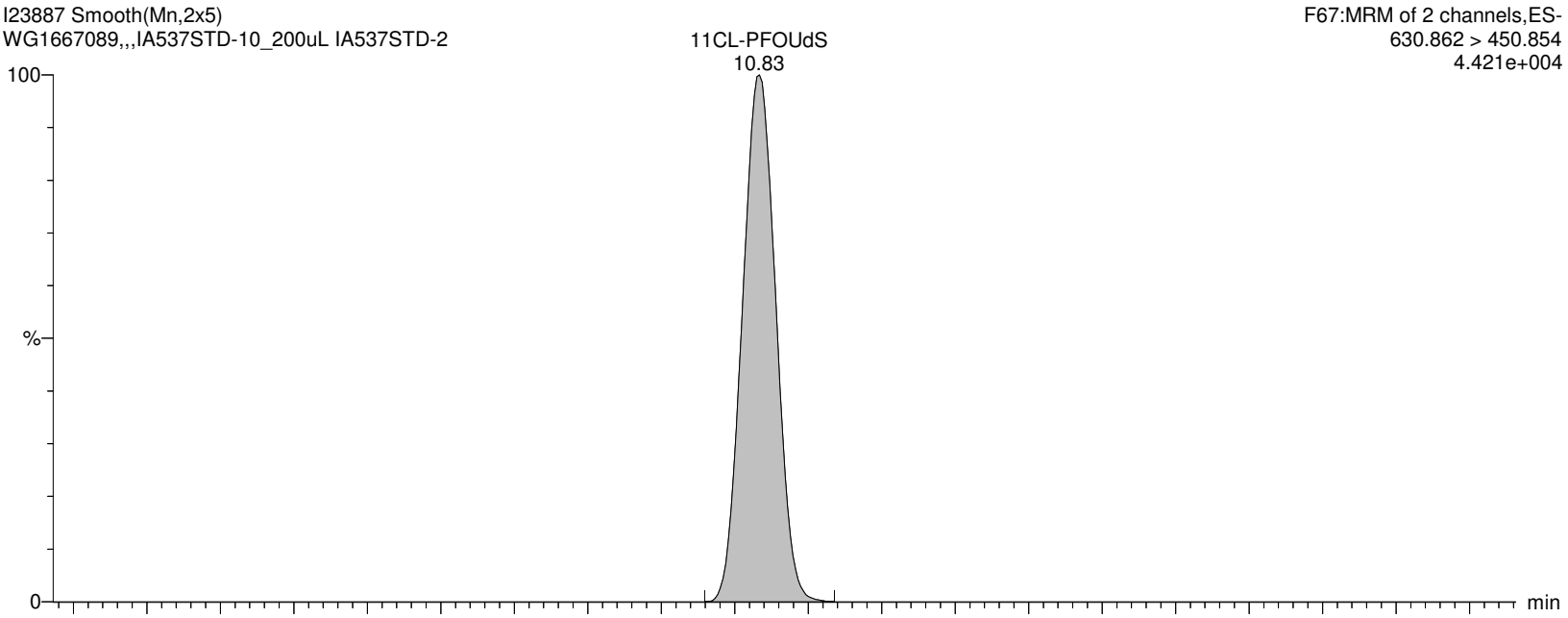


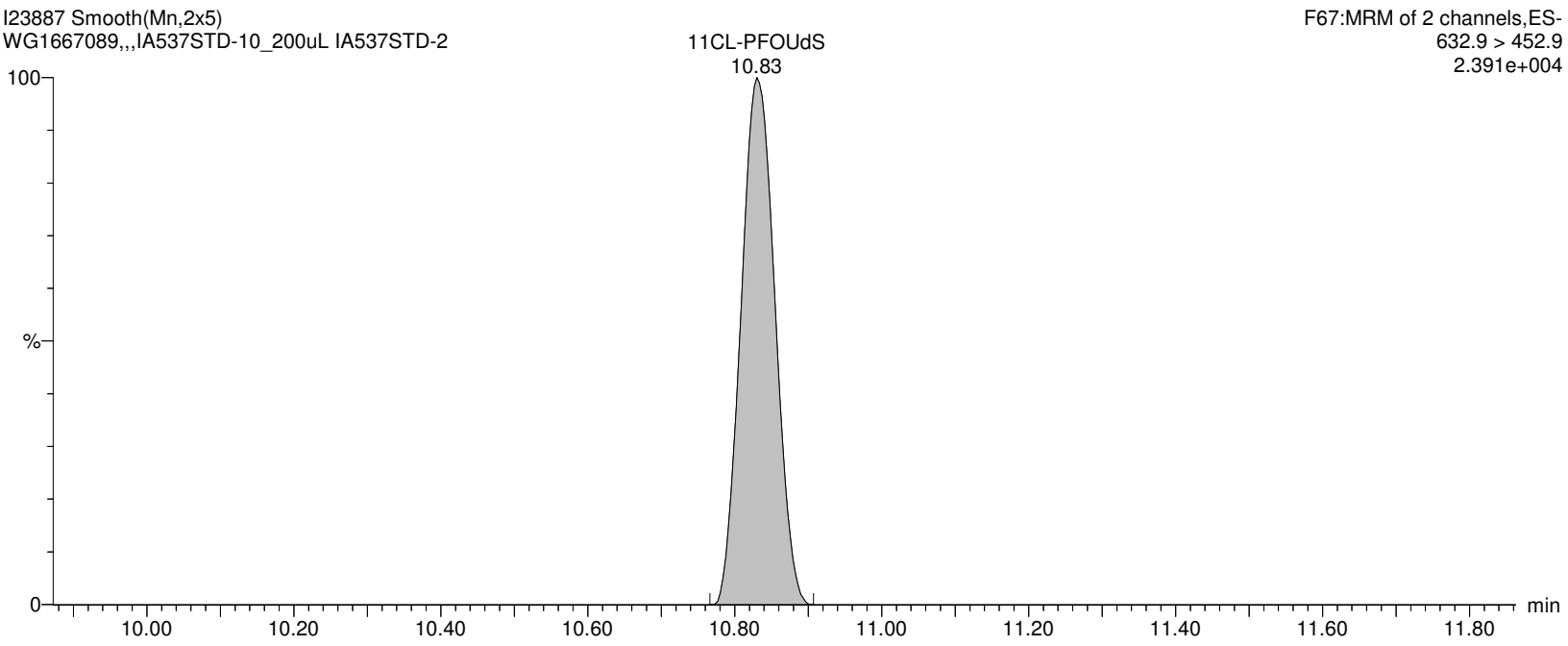
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

11CL-PFOUdS



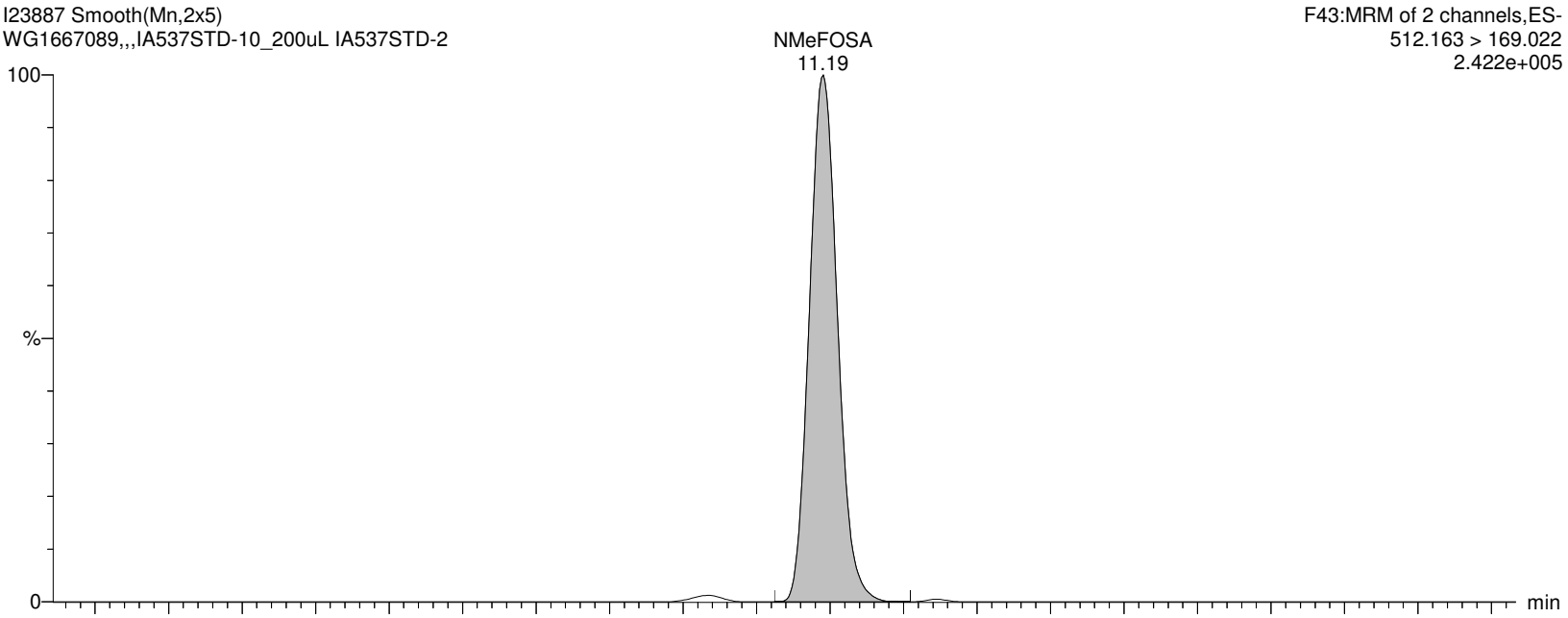


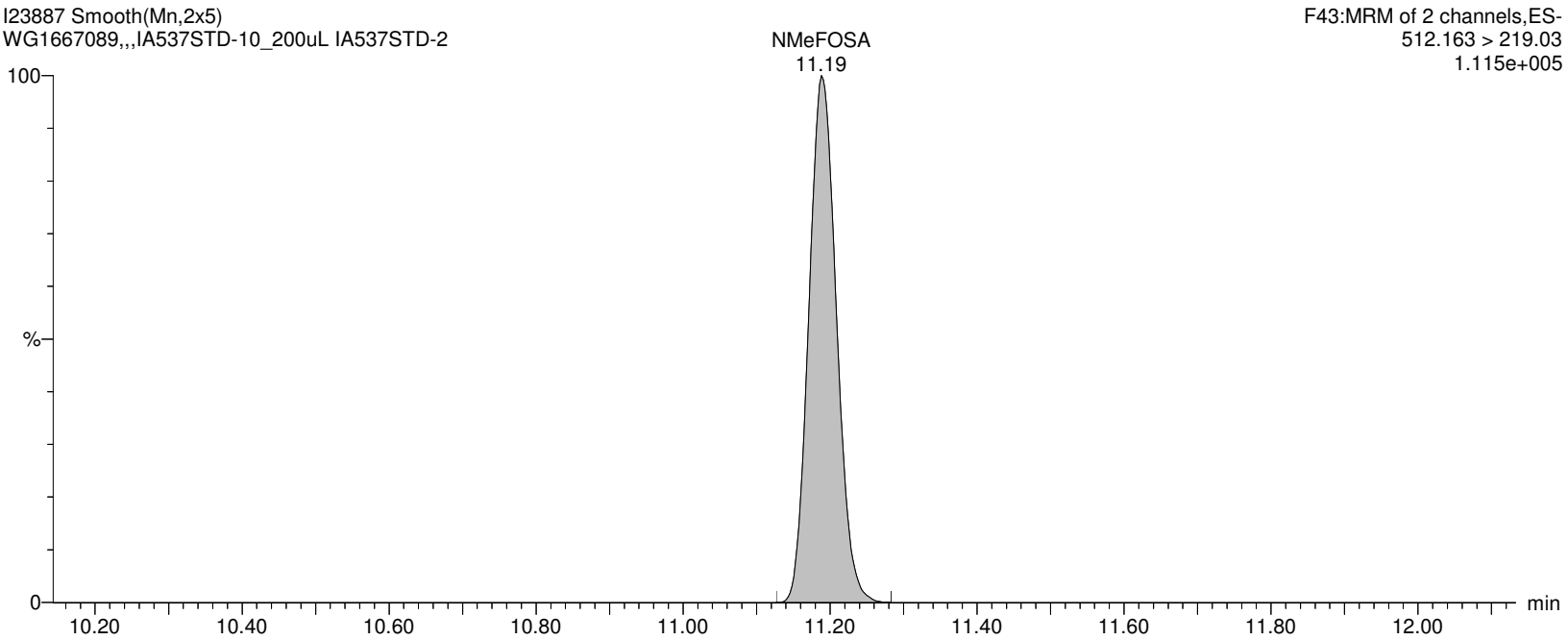
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NMeFOSA



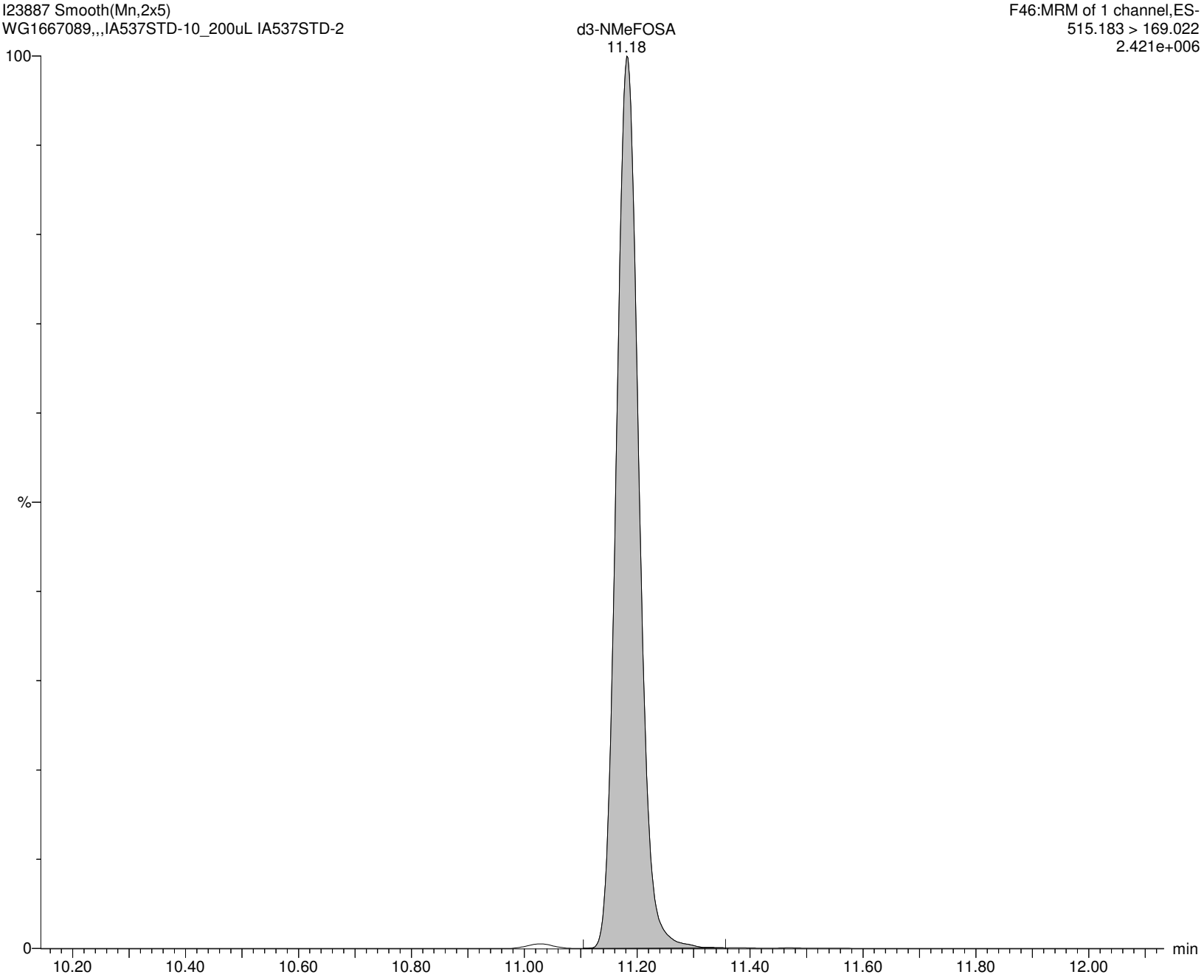


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

d3-NMeFOSA

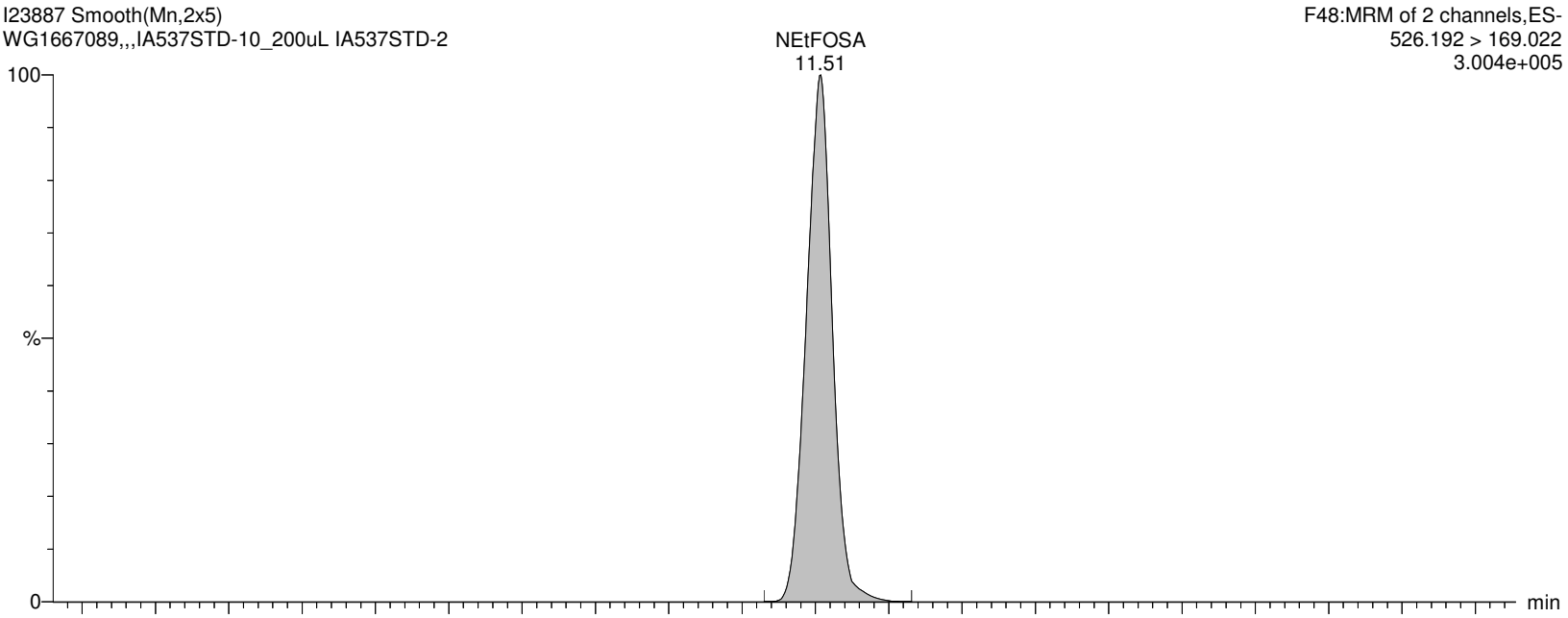


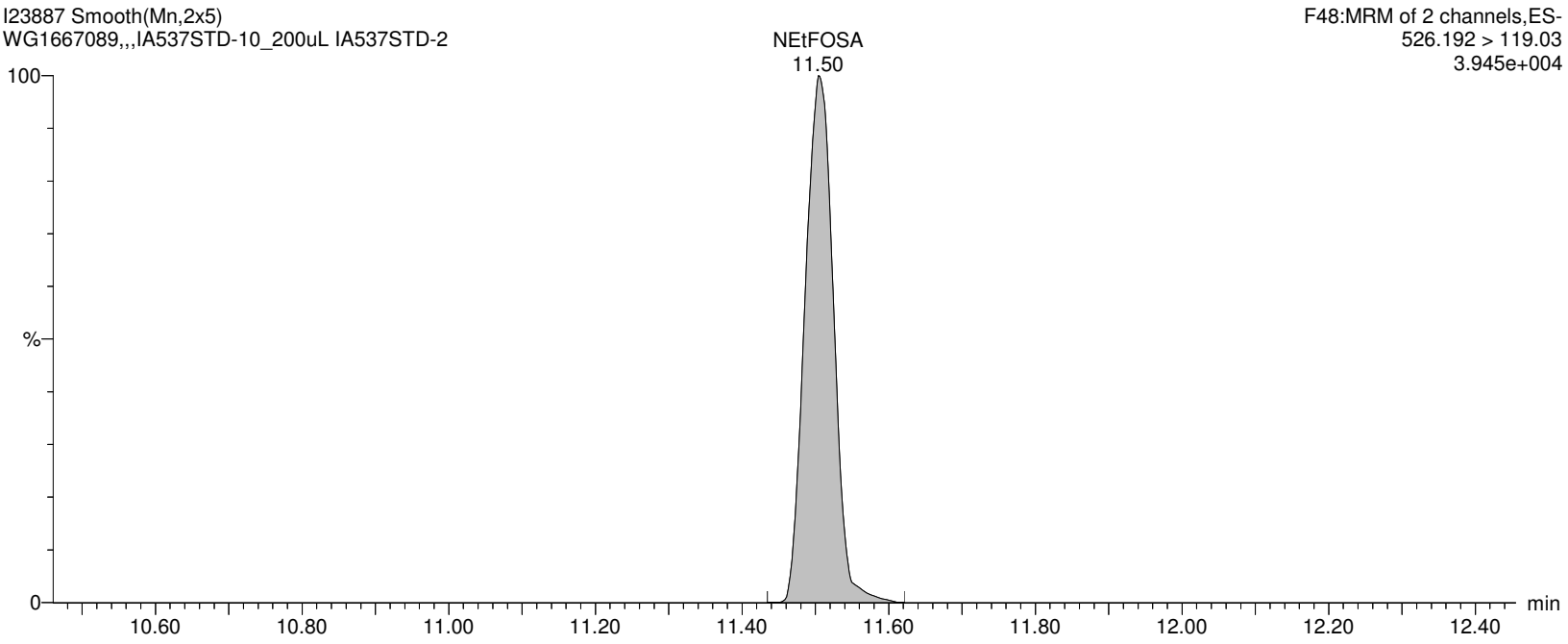
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NEtFOSA



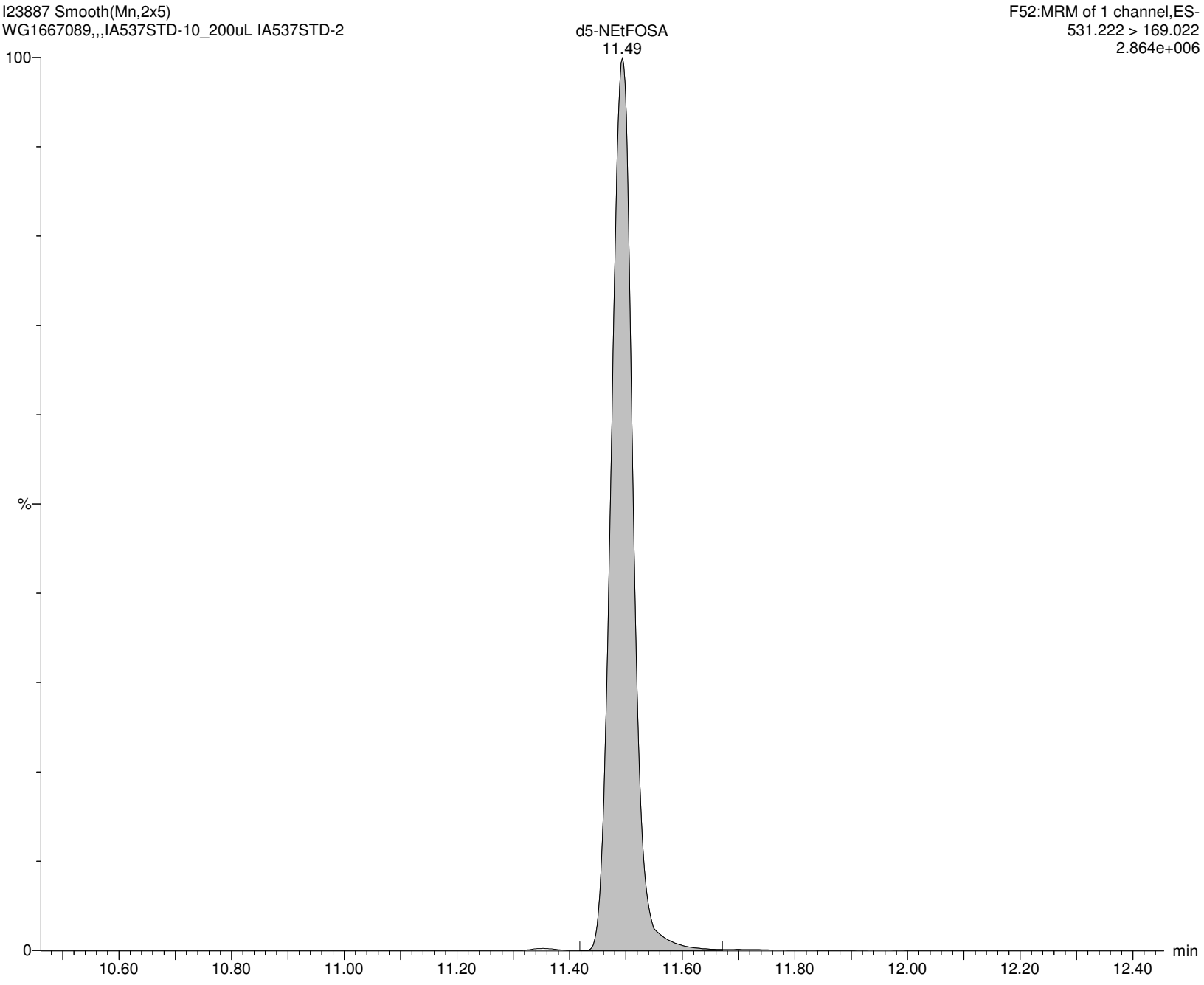


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

d5-NEtFOSA

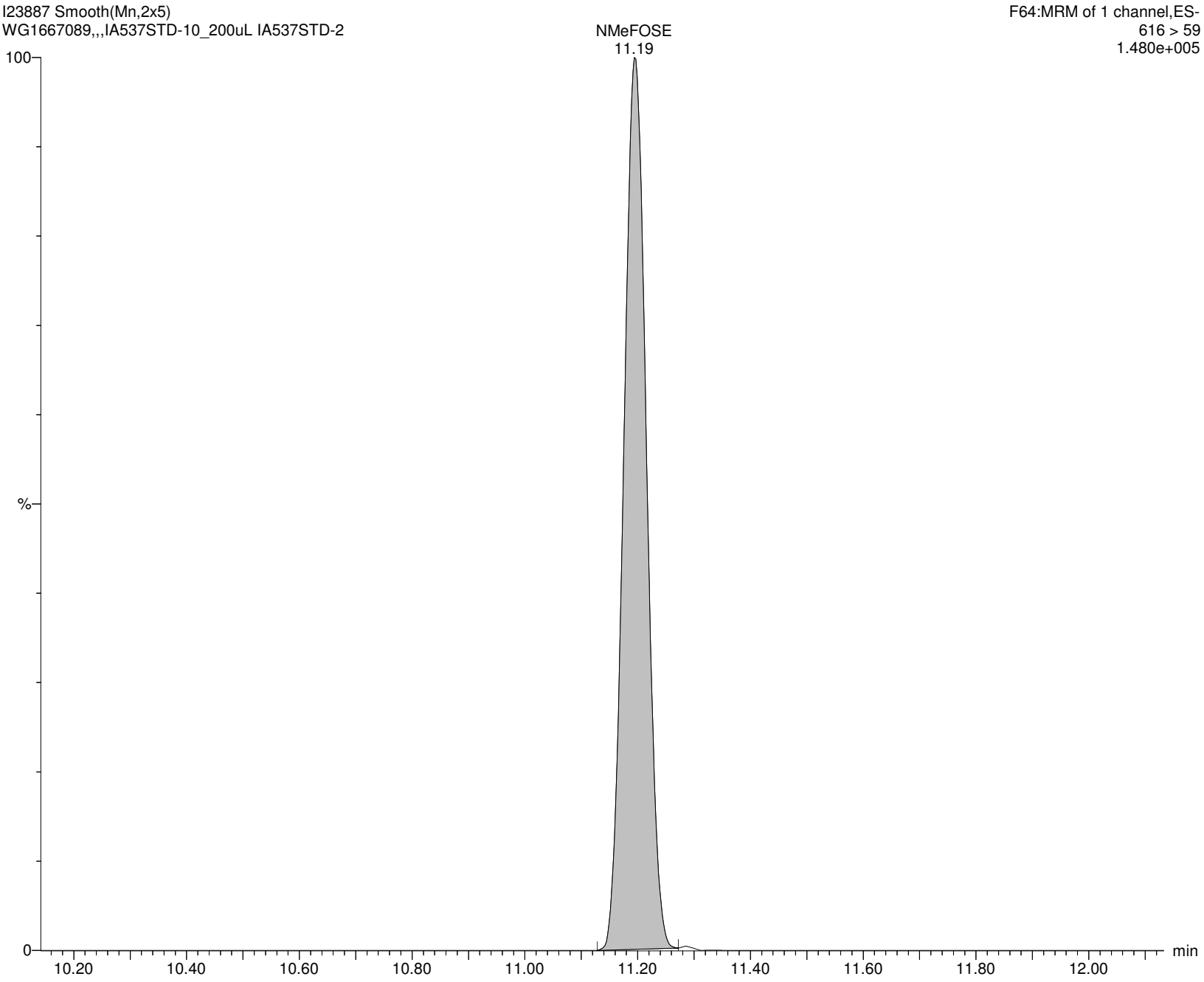


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NMeFOSE

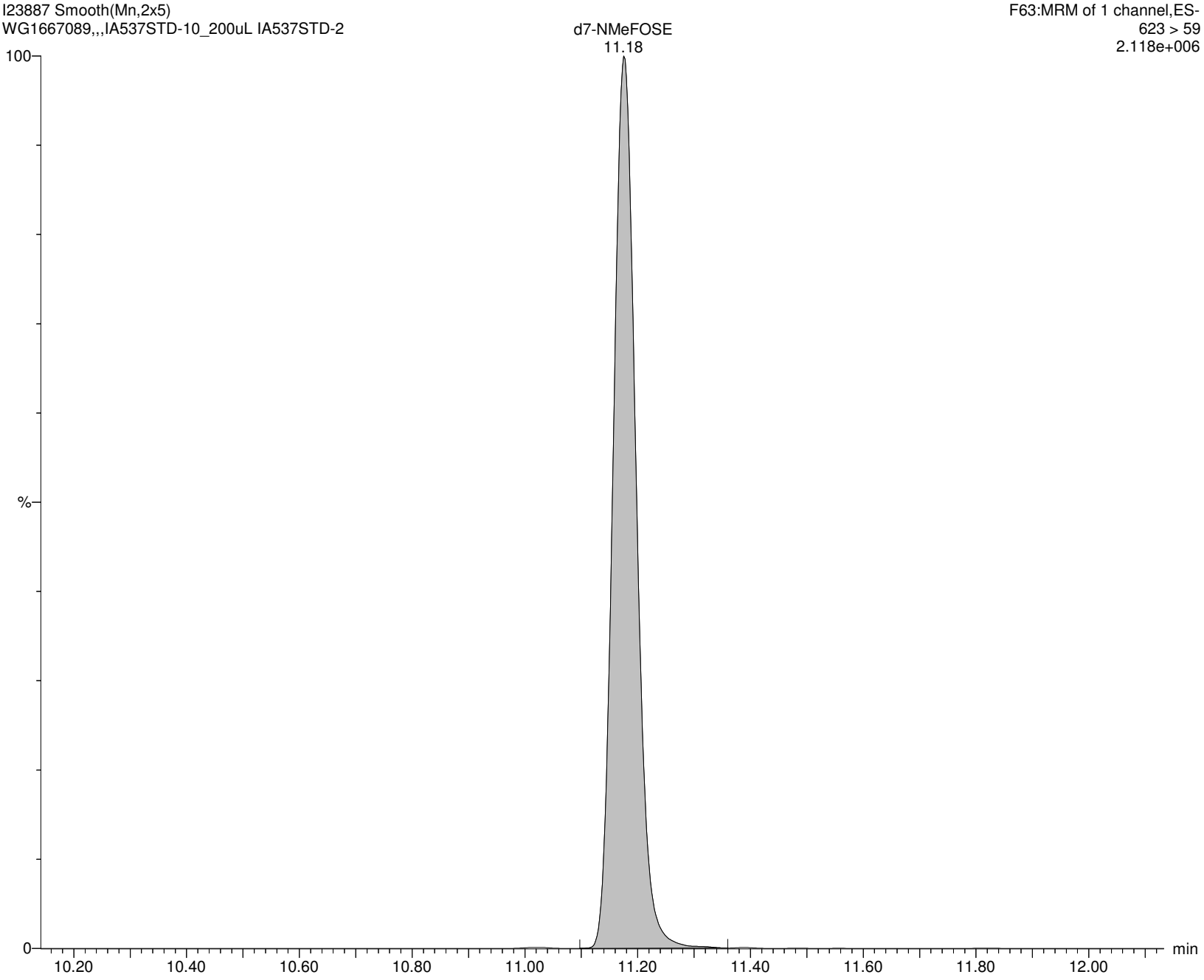


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

d7-NMeFOSE

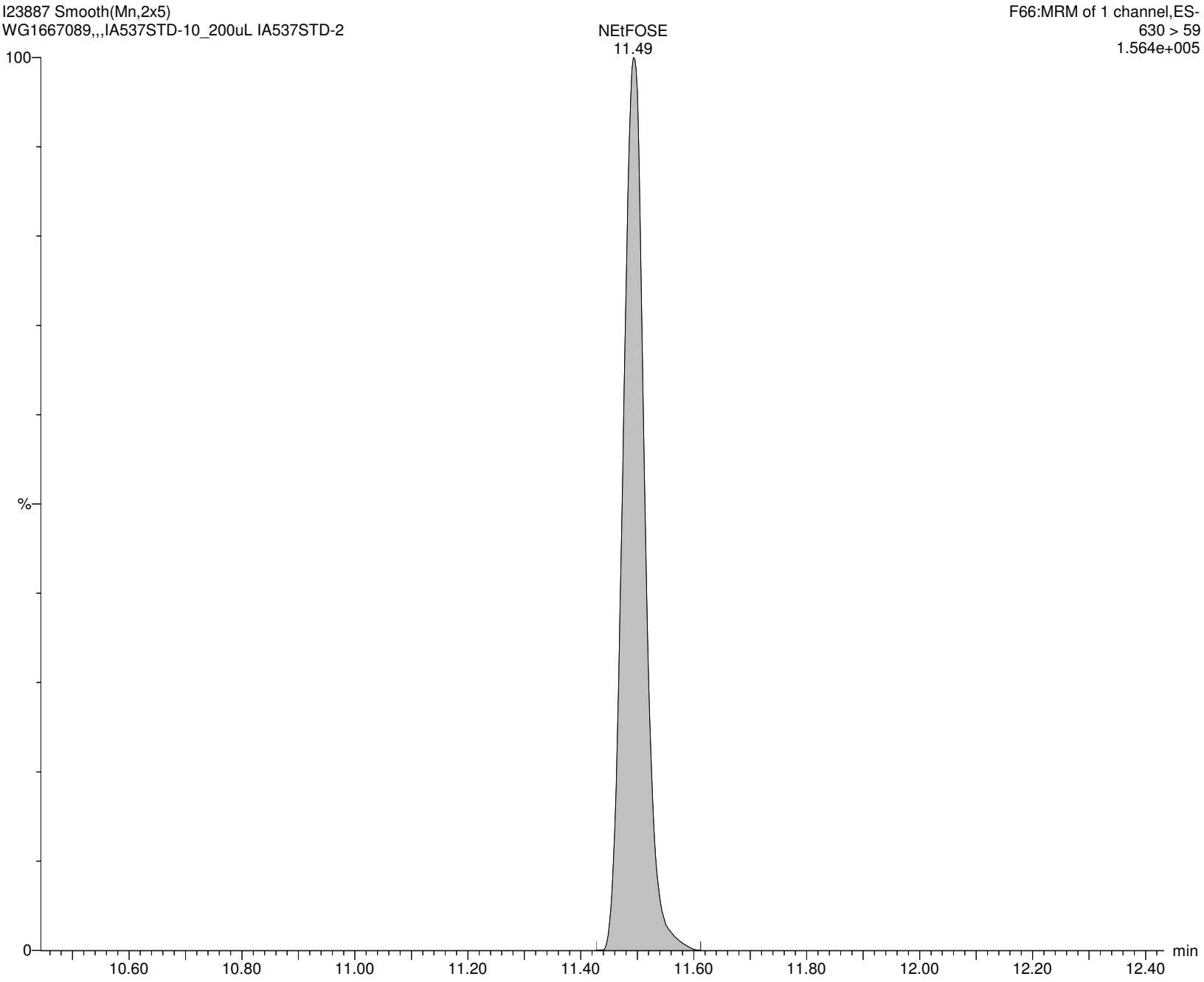


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NEtFOSE

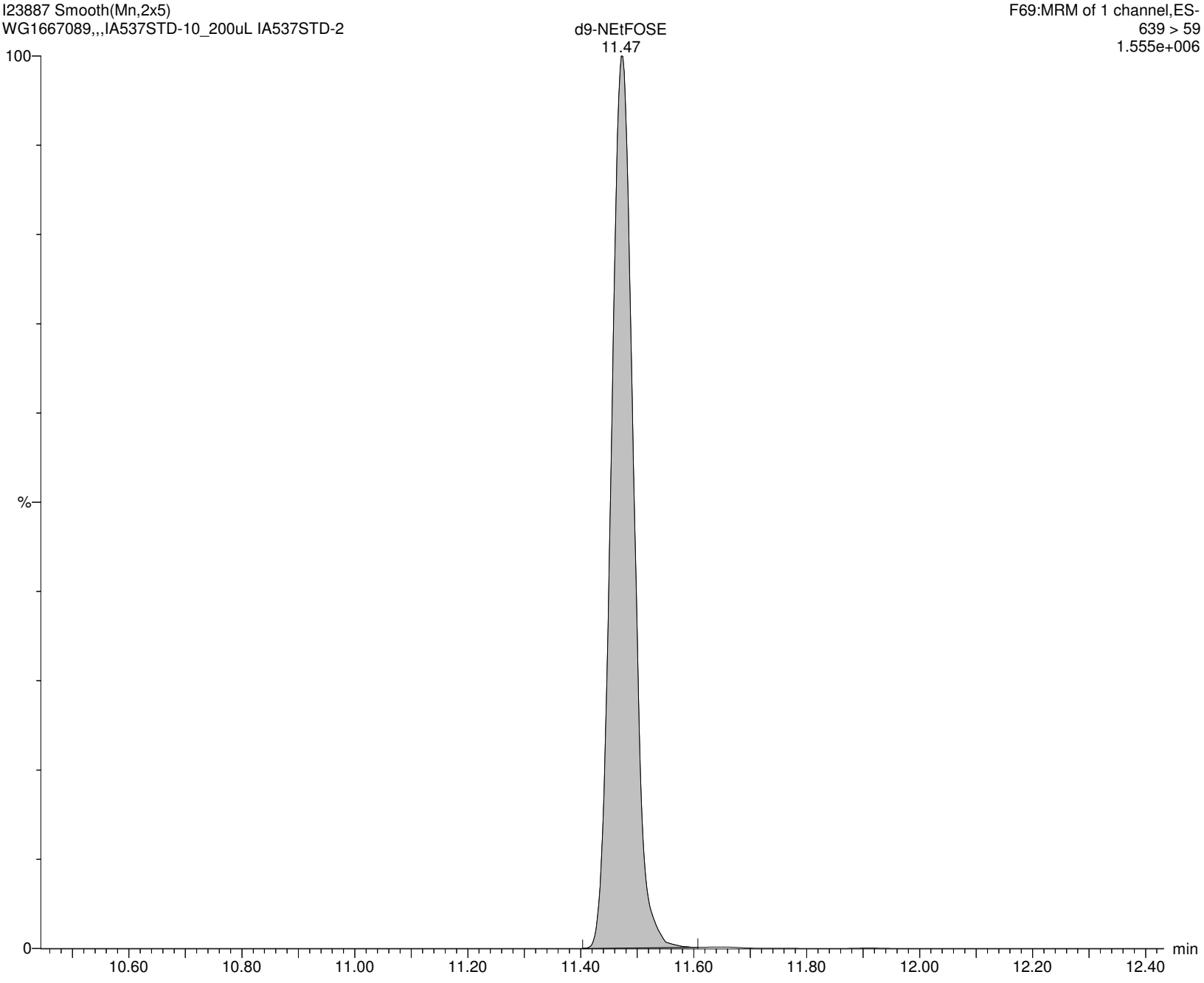


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

d9-NEtFOSE

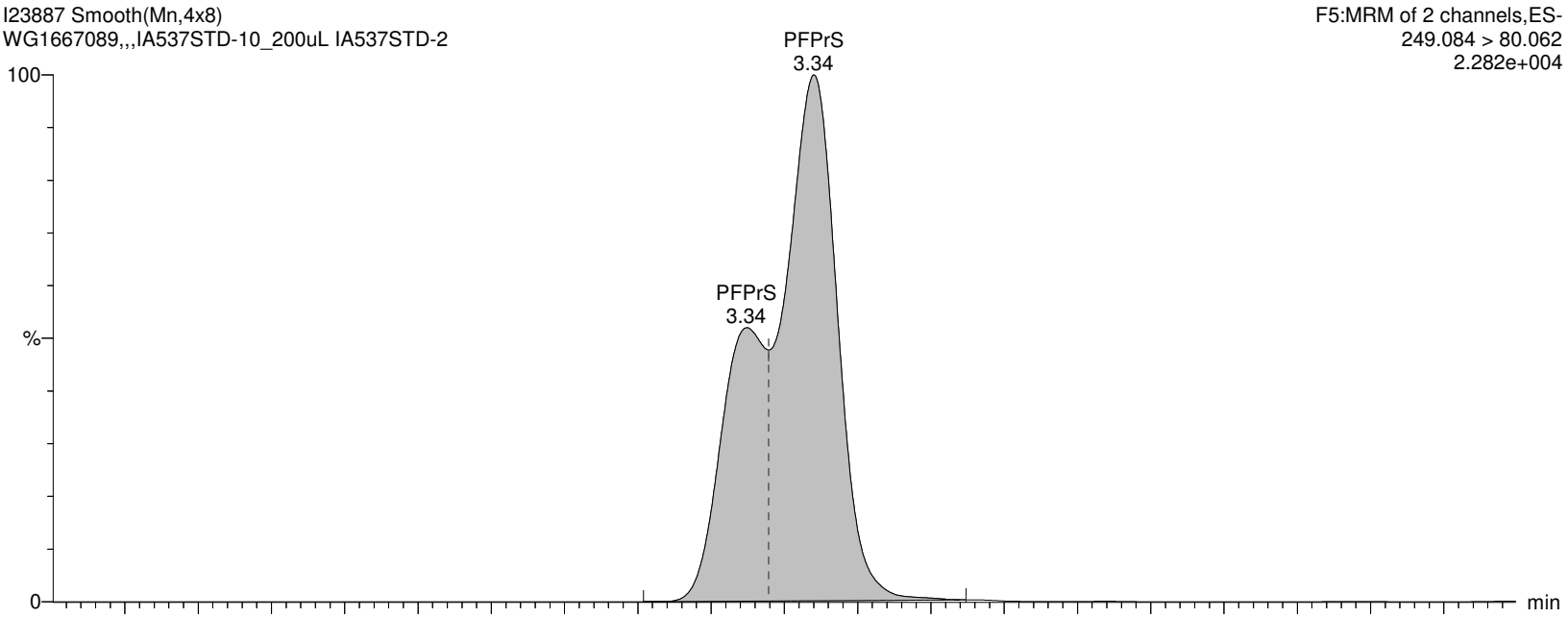


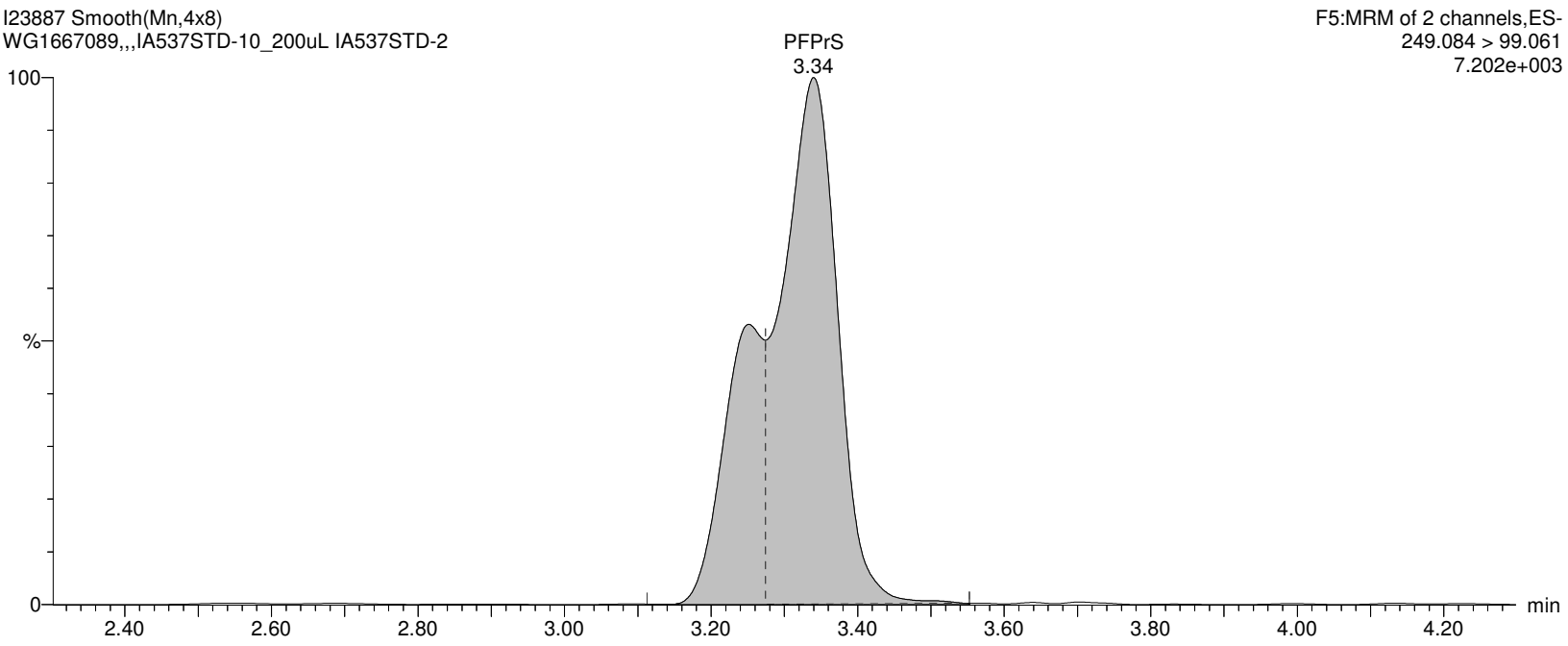
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFPrS



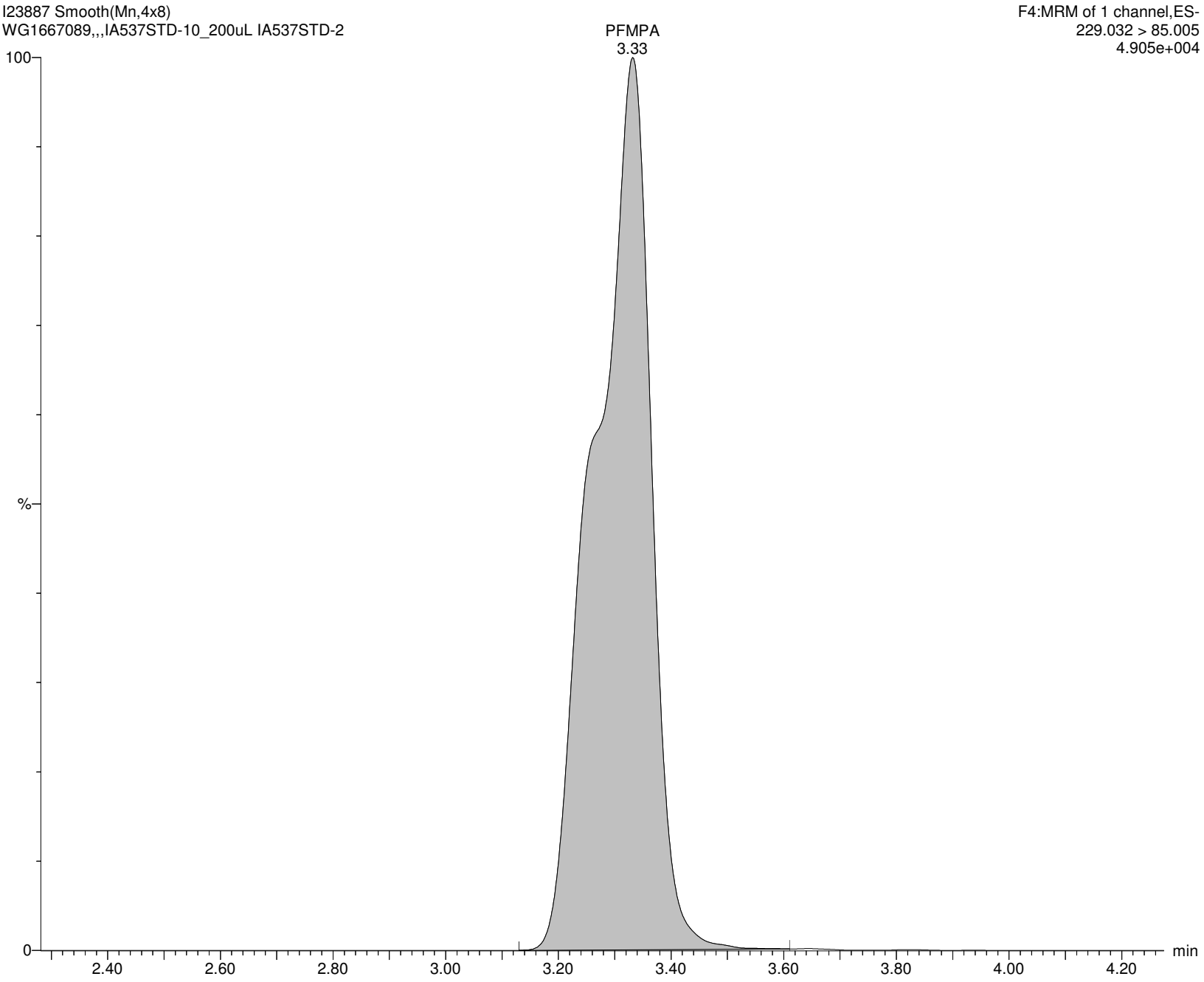


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFMPA

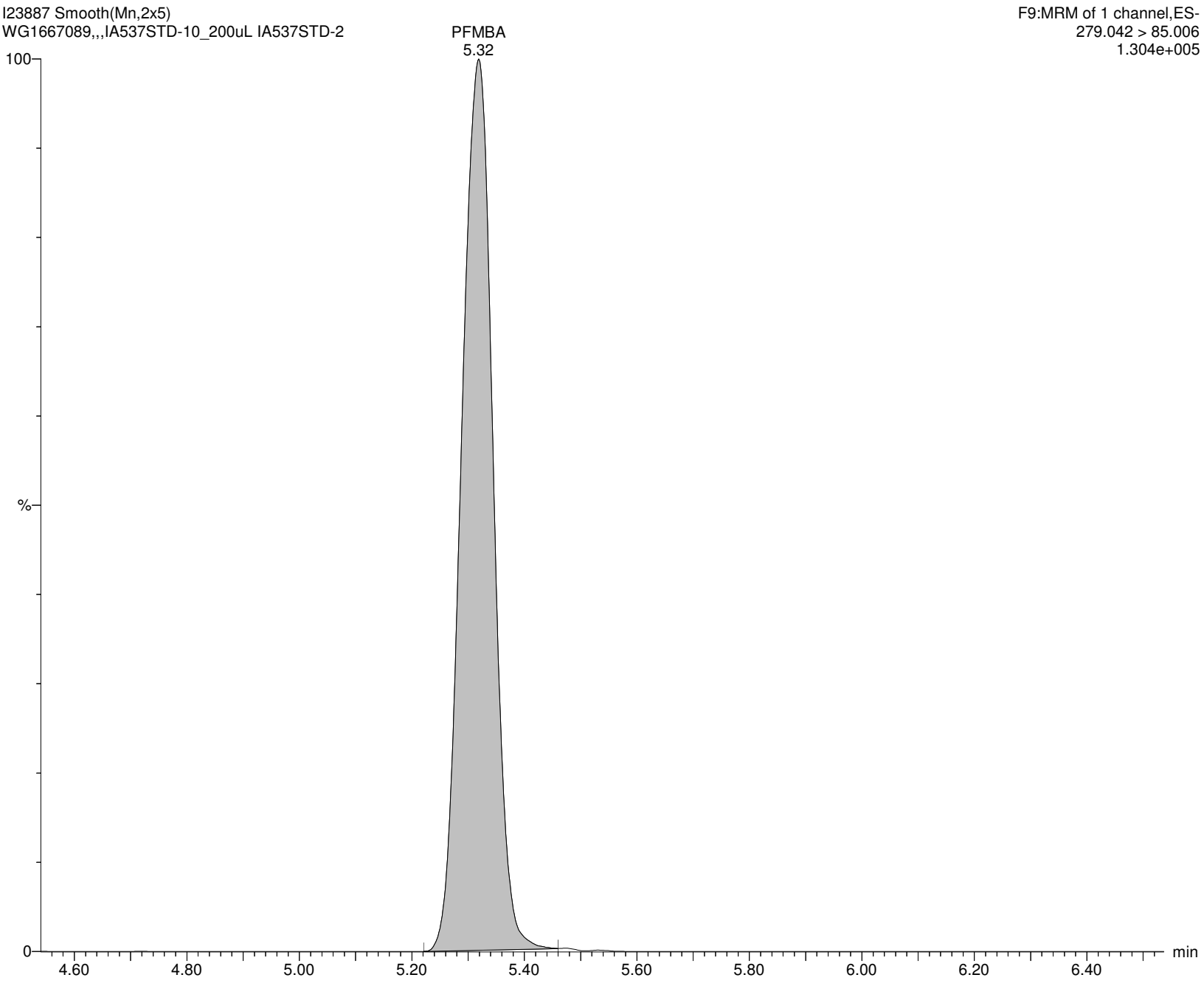


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFMBA

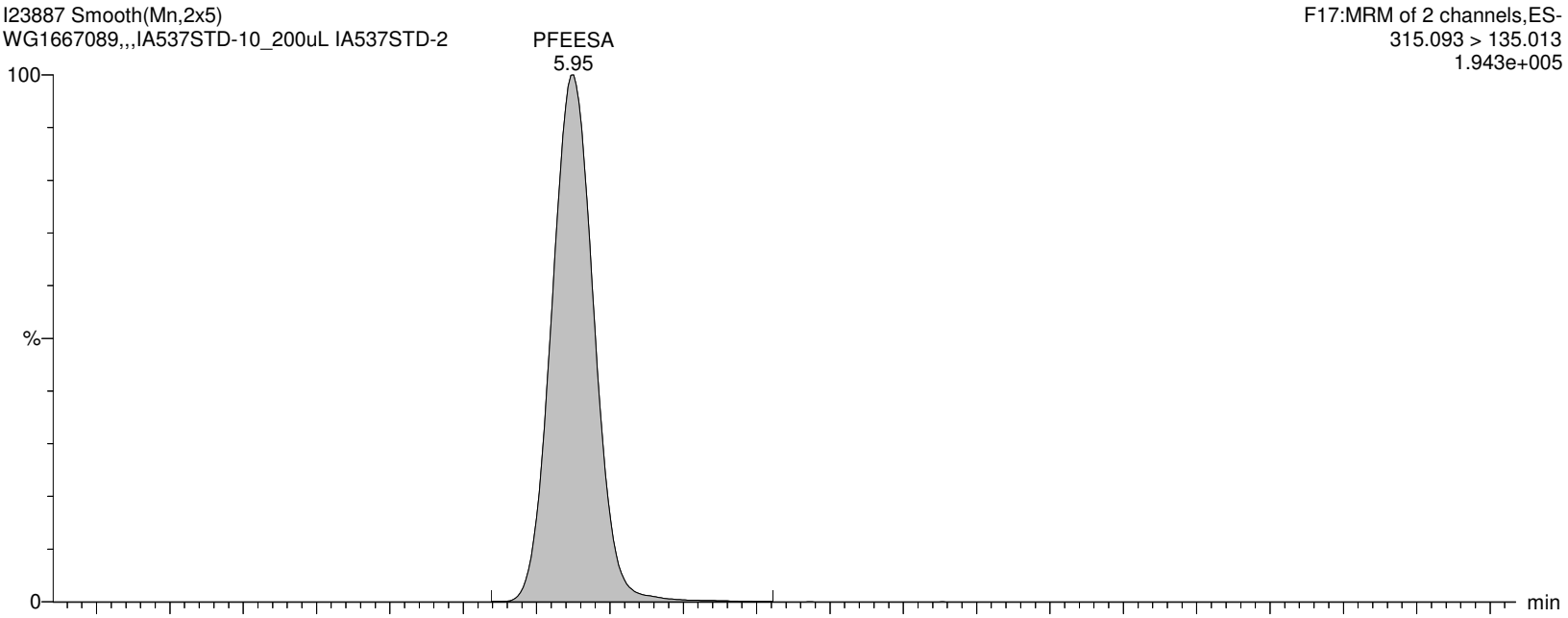


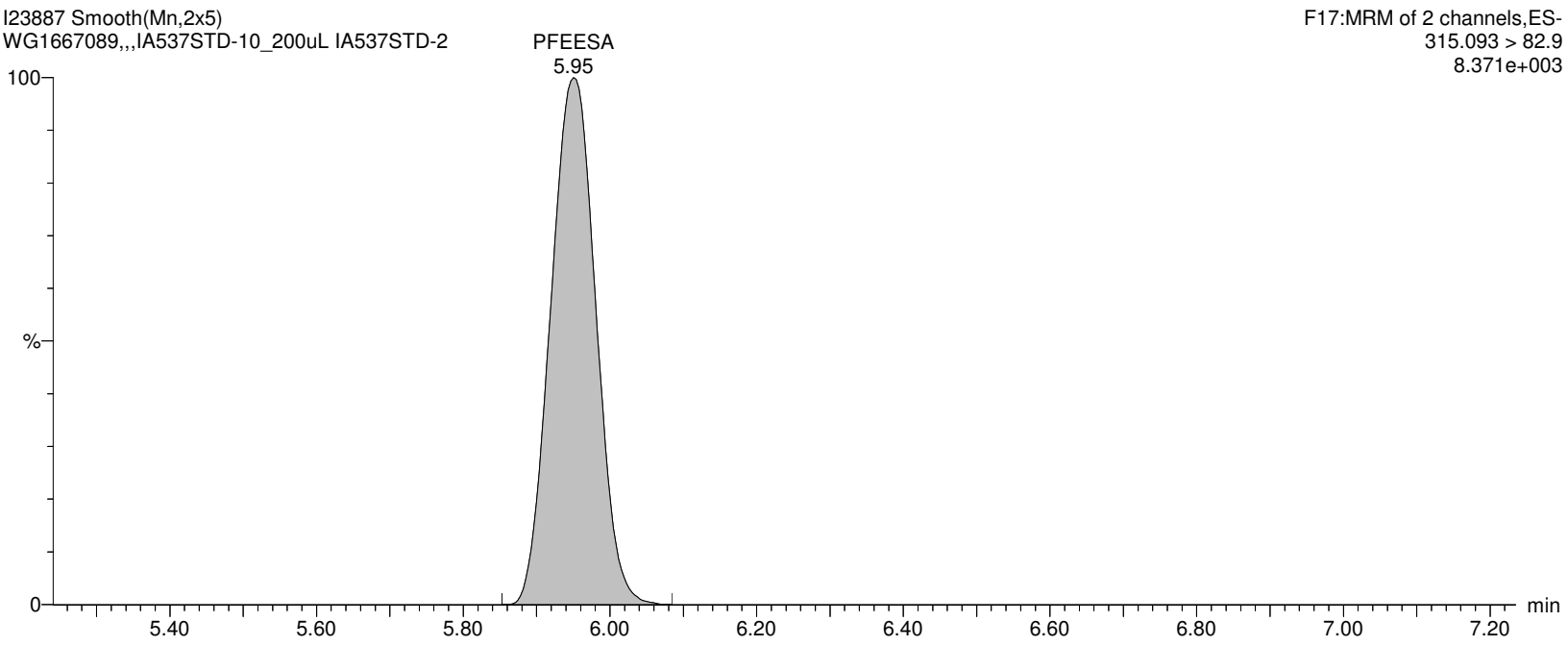
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFEESA



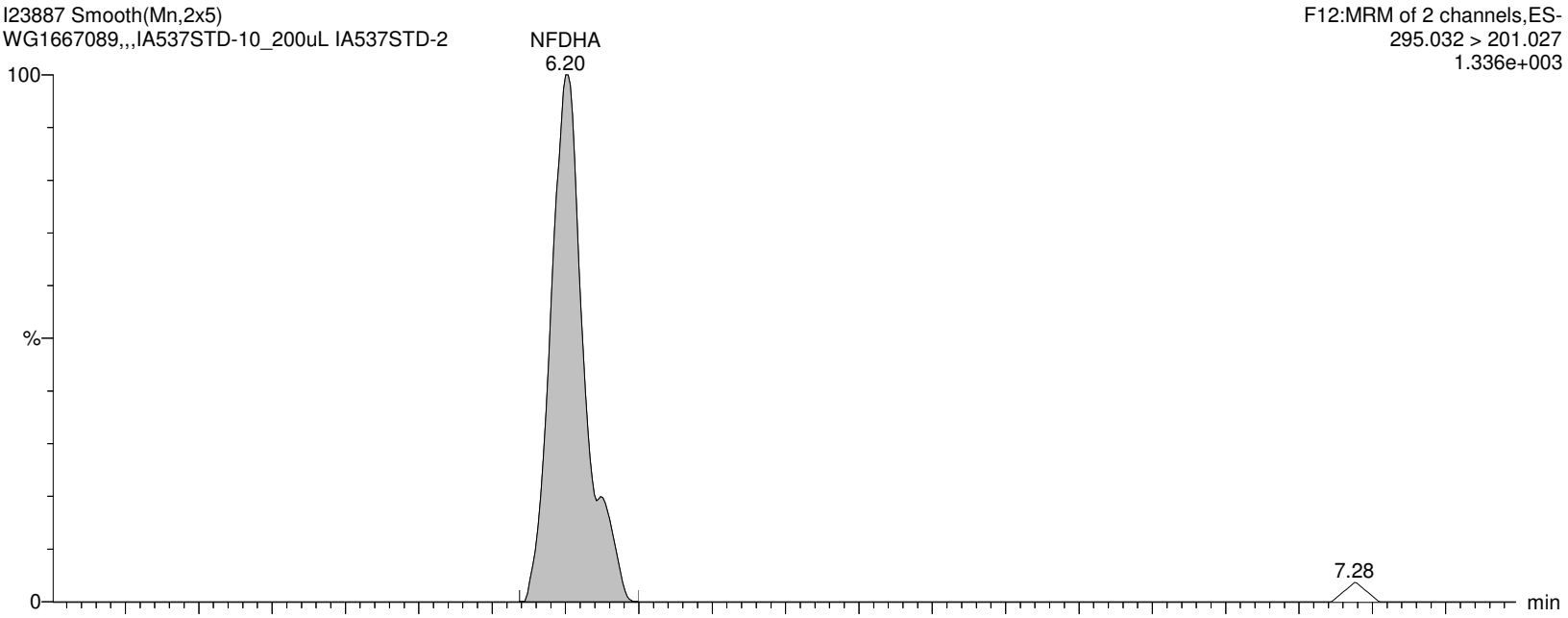


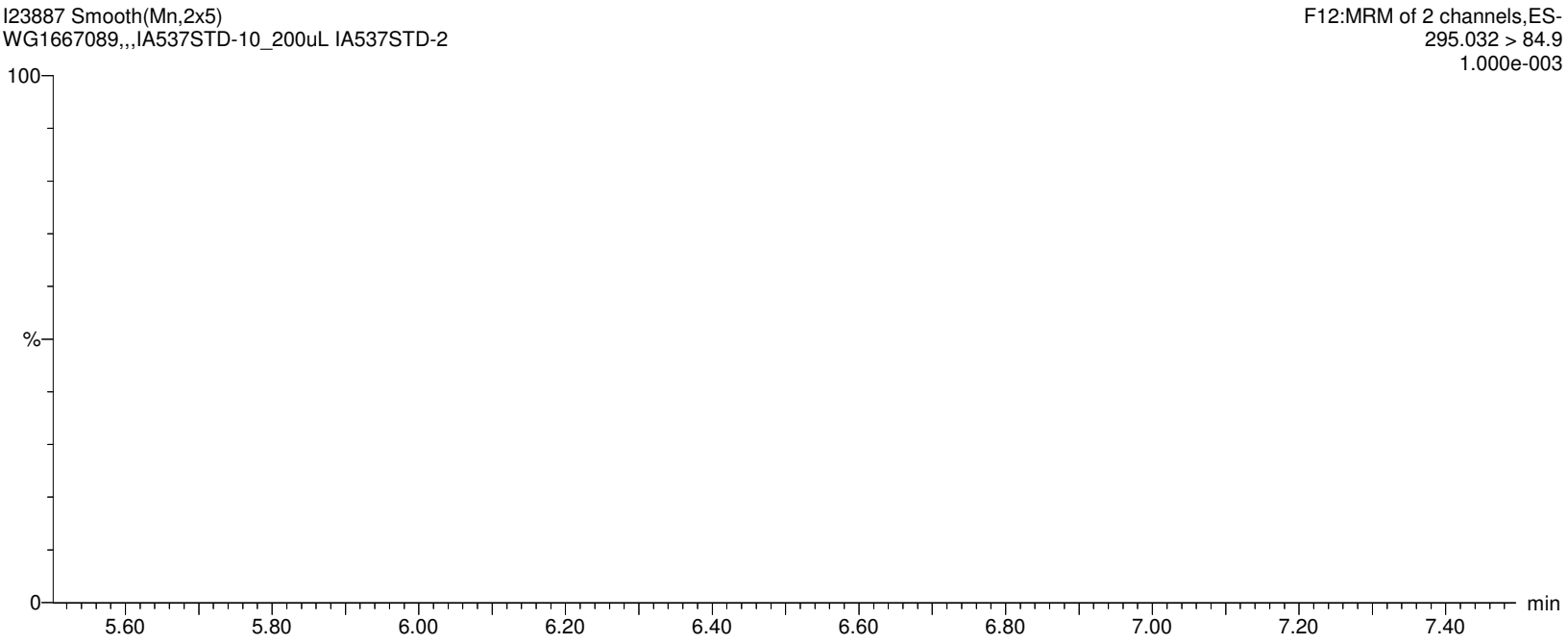
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NFDHA



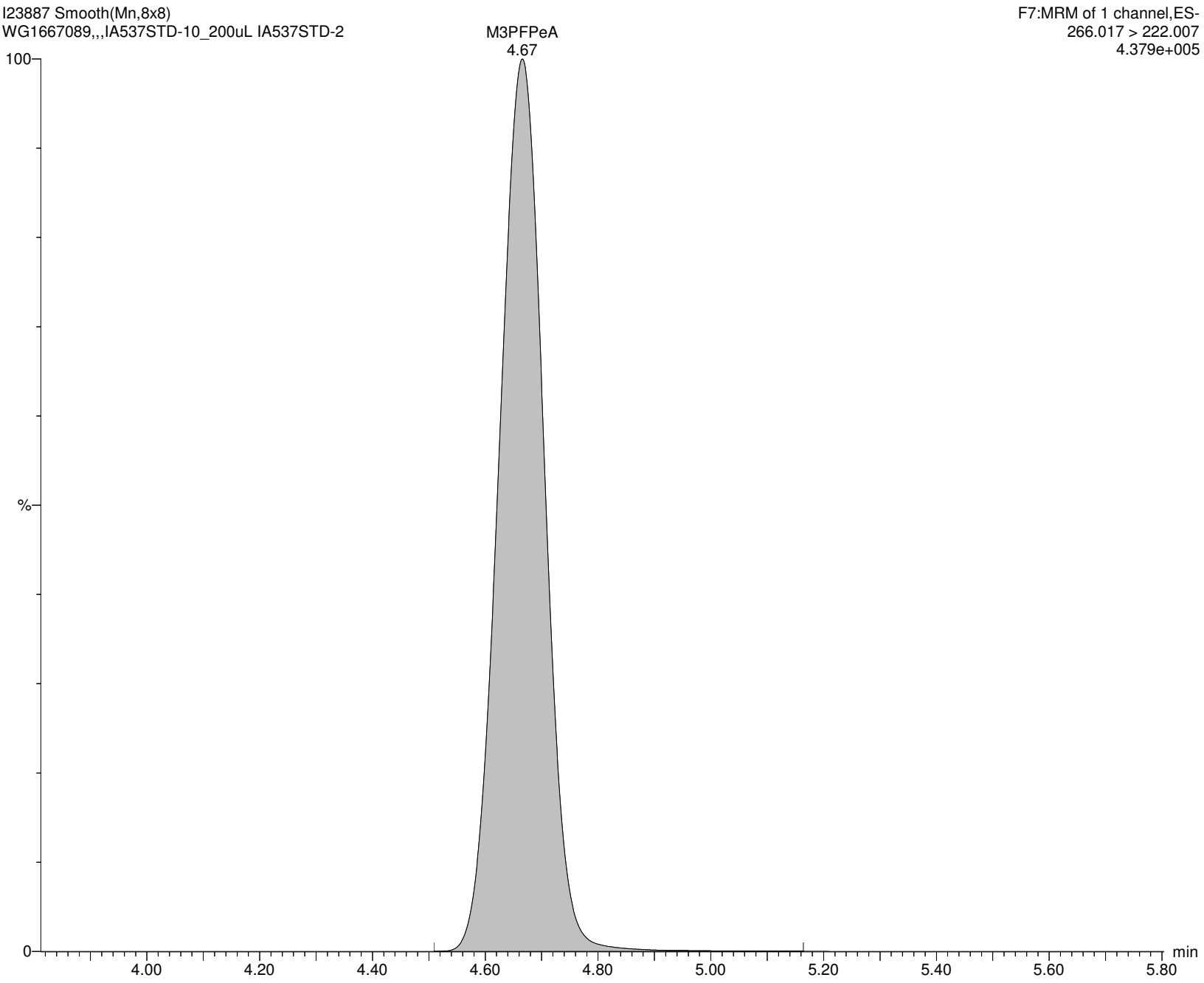


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M3PFPeA

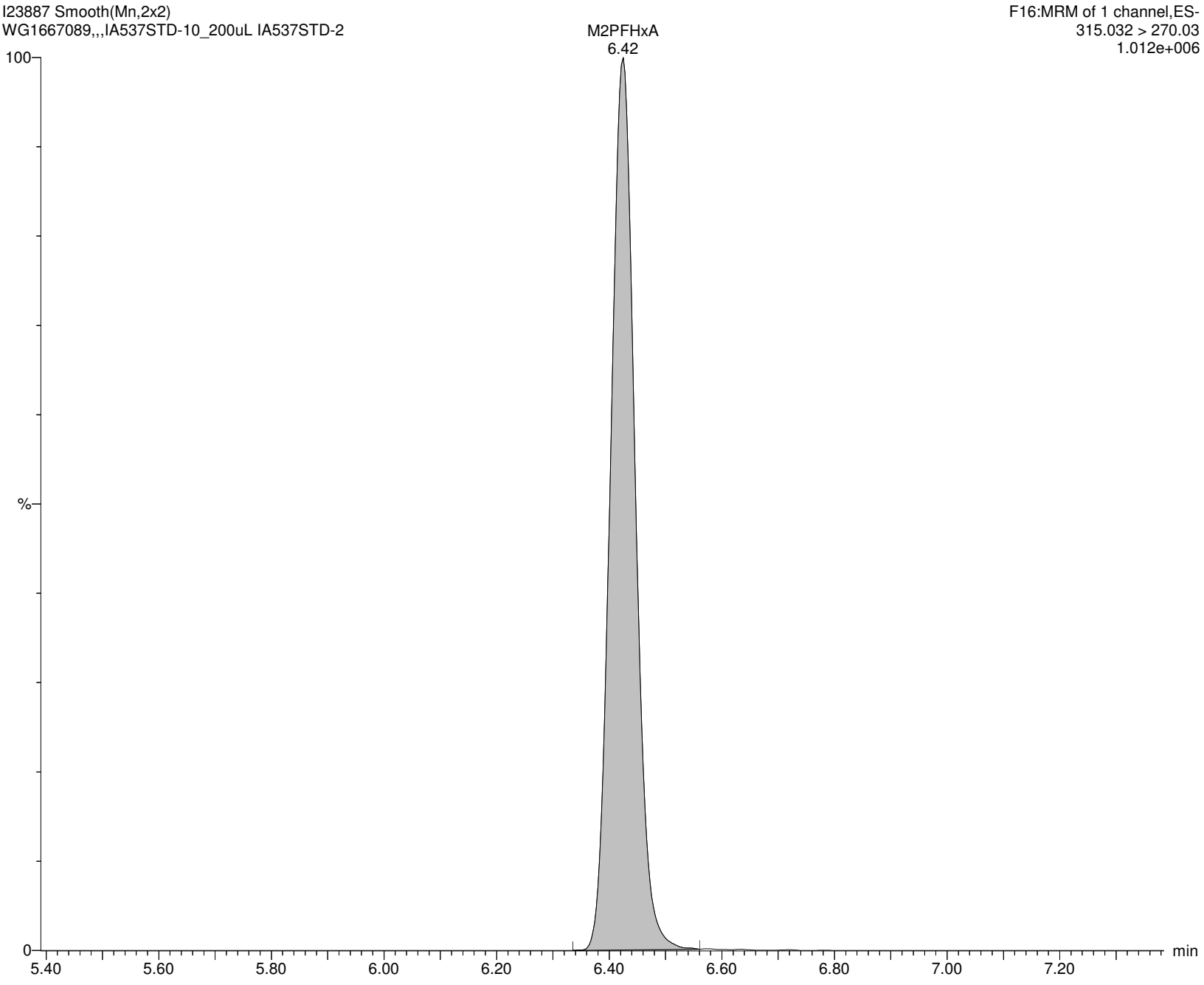


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2PFHxA

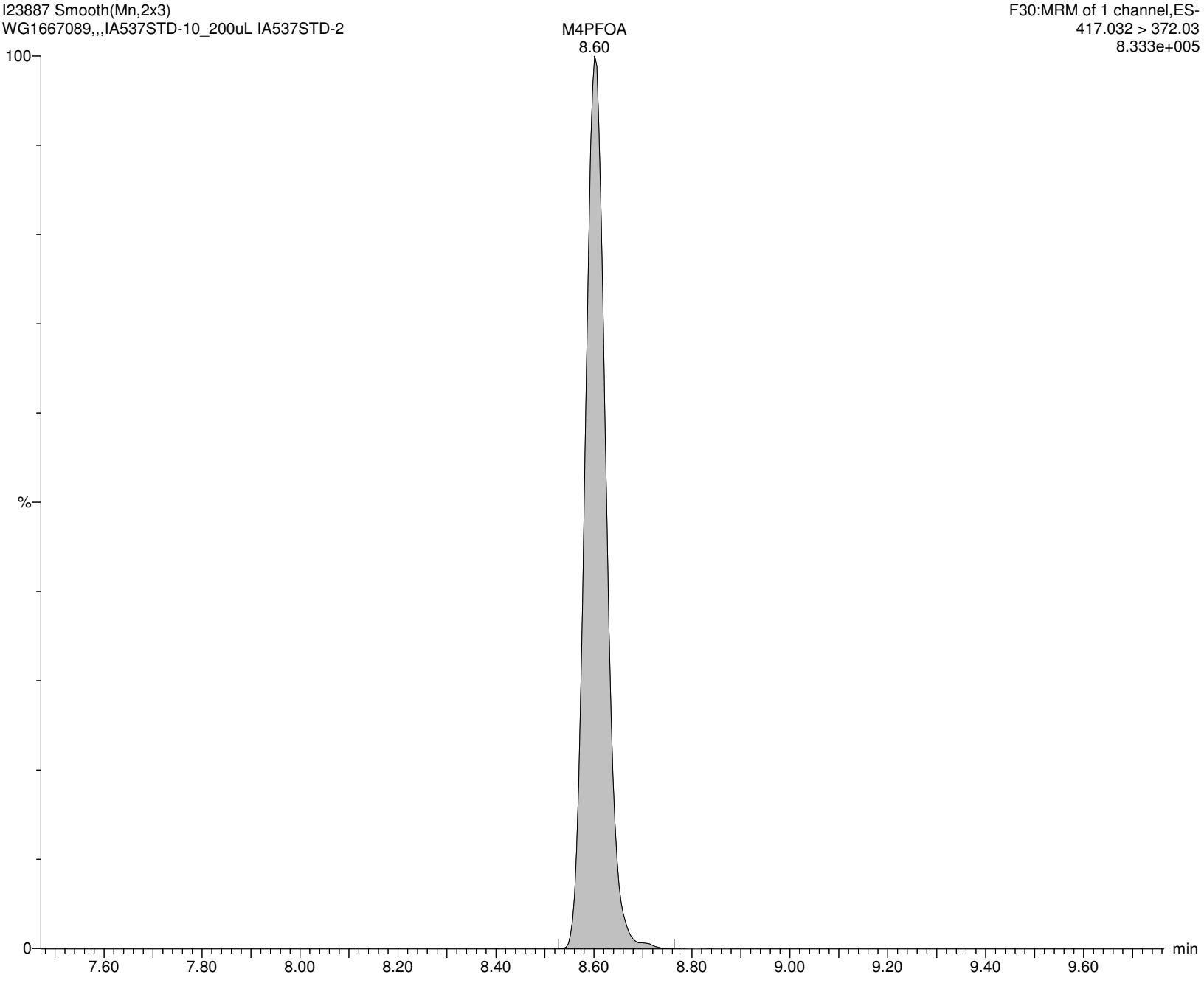


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:19 Eastern Daylight Time

Name: I23887
ID: IA537STD-2
Date: 26-Jul-2022
Time: 00:29:36
Description: WG1667089,,,IA537STD-10_200uL
User: LCMS01:RS
Vial: 1:A,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M4PFOA



all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\MethDB\537ISO_Q_220725.mdb 26 Jul 2022 09:31:55
Calibration: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\CurveDB\220725_ICAL.cdb 26 Jul 2022 09:37:13

ID: IA537STD-5
Name: I23888
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:RS
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.07	213.032 > 169.022	17418		4.265		na	85.3
2	M3PFBA	INT STD	2.09	216.009 > 171.999	38022		10.176		na	101.8
3	MPFBA	INT STD	2.09	217.001 > 171.999	43072		9.976		na	99.8
4	PFPeA	2706-90-3	4.67	263.039 > 219.03	19119		4.244		na	84.9
5	M5PFPEA	INT STD	4.67	268.001 > 222.999	43505		10.233		na	102.3
6	PFBS	375-73-5	5.26	299.092 > 80.062	7026		3.683	2.03	NO	83.0
7	M3PFBS	INT STD	5.25	302.069 > 80.062	16122		8.858		na	95.0
8	4:2FTS	757124-72-4	6.35	327.146 > 307.139	1222		4.915	1.26	NO	104.9
9	M2-4:2FTS	INT STD	6.34	329.13 > 309.124	2693		7.392		na	78.8
10	PFHxA	307-24-4	6.42	313.047 > 269.037	24257		4.335	11.91	NO	86.7
11	M5PFHxA	INT STD	6.42	318.009 > 273.007	54539		10.093		na	100.9
12	PFPeS	2706-91-4	6.73	349.1 > 80.062	7662		4.106	1.69	NO	87.3
13	PFHpA	375-85-9	7.66	363.055 > 319.045	20357		4.237	3.81	NO	84.7
14	M4PFHpA	INT STD	7.66	367.025 > 322.022	46175		10.197		na	102.0
15	br-PFHxS	355-46-4	7.60	399.107 > 80.062	1293	m5,m7	0.821	2.49	NO	86.8
16	L-PFHxS	355-46-4	7.83	399.107 > 80.062	6125		3.546	1.66	NO	87.4
17	PFHxS	355-46-4		399.107 > 80.062	7418		4.366		na	
18	M3PFHxS	INT STD	7.82	402.084 > 80.062	17879		9.432		na	99.5
19	br-PFOA	335-67-1		413.063 > 369.053			ND		YES	
20	L-PFOA	335-67-1	8.60	413.063 > 369.053	20643		4.518	7.00	NO	90.4
21	PFOA	335-67-1		413.063 > 369.053	20643		4.518		na	
22	M8PFOA	INT STD	8.60	421.002 > 376.	40007		9.506		na	95.1
23	M2PFOA	INT STD	8.60	415.048 > 370.045	43420		10.408		na	104.1
24	6:2FTS	27619-97-2	8.56	427.161 > 407.155	1390		4.590	2.22	NO	96.5
25	M2-6:2FTS	INT STD	8.56	429.146 > 409.14	3533		8.127		na	85.5
26	PFHpS	375-92-8	8.70	449.115 > 80.062	7770		4.183	1.70	NO	87.8
27	PFNA	375-95-1	9.37	463.071 > 419.061	19719		4.070	3.85	NO	81.4
28	M9PFNA	INT STD	9.37	472.002 > 427.	41697		10.606		na	106.1
29	br-PFOS	1763-23-1	9.23	499.123 > 80.062	1899	m5,m7	0.949	3.85	NO	89.9
30	L-PFOS	1763-23-1	9.42	499.123 > 80.062	6015		3.855	1.82	NO	97.7
31	PFOS	1763-23-1		499.123 > 80.062	7913		4.804		na	
32	M4PFOS	INT STD	9.42	503.093 > 80.062	17840		11.209		na	112.1
33	M8PFOS	INT STD	9.42	507.062 > 80.062	16534		9.040		na	94.3
34	PFDA	335-76-2	10.00	513.078 > 469.069	13268		4.463	2.56	NO	89.3
35	M2PFDA	INT STD	10.00	515.063 > 470.061	33084		10.789		na	107.9
36	M6PFDA	INT STD	10.00	519.033 > 474.03	28840		10.099		na	101.0
37	8:2FTS	39108-34-4	9.99	527.177 > 507.171	981		4.675	1.47	NO	97.4
38	M2-8:2FTS	INT STD	9.99	529.162 > 509.155	2915		9.257		na	96.4
39	PFNS	68259-12-1	10.03	549.131 > 80.062	7924		4.894	2.43	NO	101.7

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

ID: IA537STD-5
Name: I23888
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:RS
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.41	573.22 > 419.061	4613		6.911		na	69.1
41	br-NMeFOSAA	2355-31-9	10.25	570.202 > 419.061	149	m5,m7	1.369	0.84	NO	114.1
42	L-NMeFOSAA	2355-31-9	10.41	570.202 > 419.061	1384		4.584	1.90	NO	120.6
43	NMeFOSAA	2355-31-9		570.202 > 419.061	1534		5.953		na	
44	PFUnA	2058-94-8	10.55	563.086 > 519.076	14903		4.799	5.43	NO	96.0
45	M7-PFUDA	INT STD	10.55	570.033 > 525.031	30239		10.489		na	104.9
46	PFDS	335-77-3	10.57	598.926 > 80.062	5772		4.671	2.54	NO	96.8
47	FOSA	754-91-6	10.55	498.146 > 78.07	19463		4.301	70.04	NO	86.0
48	M8FOSA	INT STD	10.55	506.077 > 78.07	47117		10.316		na	103.2
49	d5-NEtFOSAA	INT STD	10.71	589.259 > 419.061	6011		8.778		na	87.8
50	br-NEtFOSAA	2991-50-6	10.57	584.229 > 419.061	143	m5,m7	0.925	0.58	NO	82.2
51	L-NEtFOSAA	2991-50-6	10.72	584.229 > 419.061	1323		3.393	1.13	NO	87.6
52	NEtFOSAA	2991-50-6		584.229 > 419.061	1466		4.318		na	
53	PFDoA	307-55-1	11.03	613.094 > 569.084	15055		4.495	6.13	NO	89.9
54	MPFDOA	INT STD	11.03	615.079 > 570.077	34736		10.204		na	102.0
55	PFTrDA	72629-94-8	11.46	663.102 > 619.092	8261		4.355	4.56	NO	87.1
56	PFTA	376-06-7	11.84	713.11 > 669.1	8935		5.070	12.89	NO	101.4
57	M2PFTEDA	INT STD	11.84	715.094 > 670.092	18853		10.064		na	100.6
58	M3HFPO-DA	INT STD	6.84	287.02 > 169.022	35820		203.057		na	101.5
59	HFPO-DA	13252-13-6	6.84	285.035 > 169.022	9475		49.642	28.61	NO	99.3
60	ADONA	958445-44-8	7.84	377.06 > 251.028	28623		4.633	30.77	NO	98.1
61	PFHxDA		12.46	813.122 > 769.116	11479		4.547	20.68	NO	90.9
62	PFODA		12.77	913.411 > 869.131	2791		4.856	31.87	NO	97.1
63	M2PFHxDA		12.45	815.102 > 770.108	20968		10.241		na	102.4
64	PFDoS		11.45	699.154 > 80.062	6869		5.178	1.76	NO	107.0
65	M2D4-10:2FTS		11.04	633.201 > 612.189	2915		17.012		na	86.8
66	10:2FTS		11.04	627.192 > 607.186	952	m4,m7	4.651	1.93	NO	96.3
67	9CL-PF3ONS		9.78	530.862 > 350.843	12727		4.436	4.94	NO	95.1
68	11CL-PFOUdS		10.83	630.862 > 450.854	7745		4.804	2.97	NO	101.9
69	NMeFOSA		11.19	512.163 > 169.022	26785		22.427	2.29	NO	89.7
70	d3-NMeFOSA		11.18	515.183 > 169.022	115466		101.642		na	101.6
71	NEtFOSA		11.51	526.192 > 169.022	32040		22.287	6.29	NO	89.1
72	d5-NEtFOSA		11.50	531.222 > 169.022	132601		102.351		na	102.4
73	NMeFOSE		11.19	616 > 59	20718		10.882		na	87.1
74	d7-NMeFOSE		11.18	623 > 59	111302		114.655		na	114.7
75	NEtFOSE		11.50	630 > 59	17733		10.939		na	87.5
76	d9-NEtFOSE		11.47	639 > 59	82556		113.038		na	113.0
77	PFPrS		3.34	249.084 > 80.062	7086	m3,m7	4.066	3.31	NO	88.4
78	PFMPA		3.34	229.032 > 85.005	14593		4.741		na	94.8
79	PFMBA		5.32	279.042 > 85.006	21661		4.582		na	91.6
80	PFEESA		5.95	315.093 > 135.013	33044		3.841	17.12	NO	86.3
81	NFDHA		6.22	295.032 > 201.027	160	m7	6.702	51.75	NO	134.0
82	M3PFPeA		4.67	266.017 > 222.007	40829		10.184		na	101.8

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

ID: IA537STD-5
Name: I23888
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:RS
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
83	M2PFHxA		6.42	315.032 > 270.03	51298		10.087		na	100.9
84	M4PFOA		8.60	417.032 > 372.03	43379		10.402		na	104.0

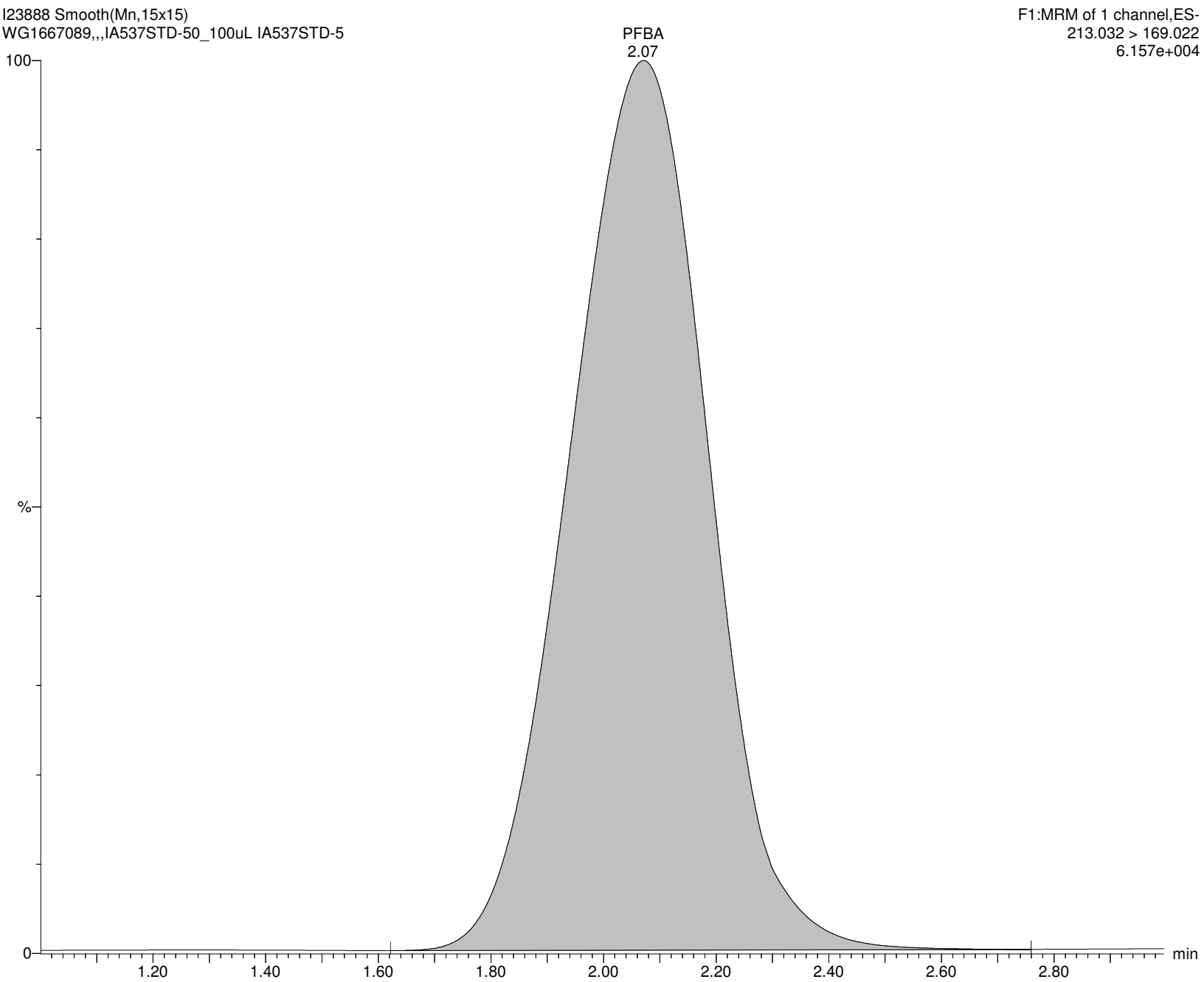
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\MethDB\537ISO_Q_220725.mdb 26 Jul 2022 09:31:55
Calibration: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\CurveDB\220725_ICAL.cdb 26 Jul 2022 09:37:13

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFBA

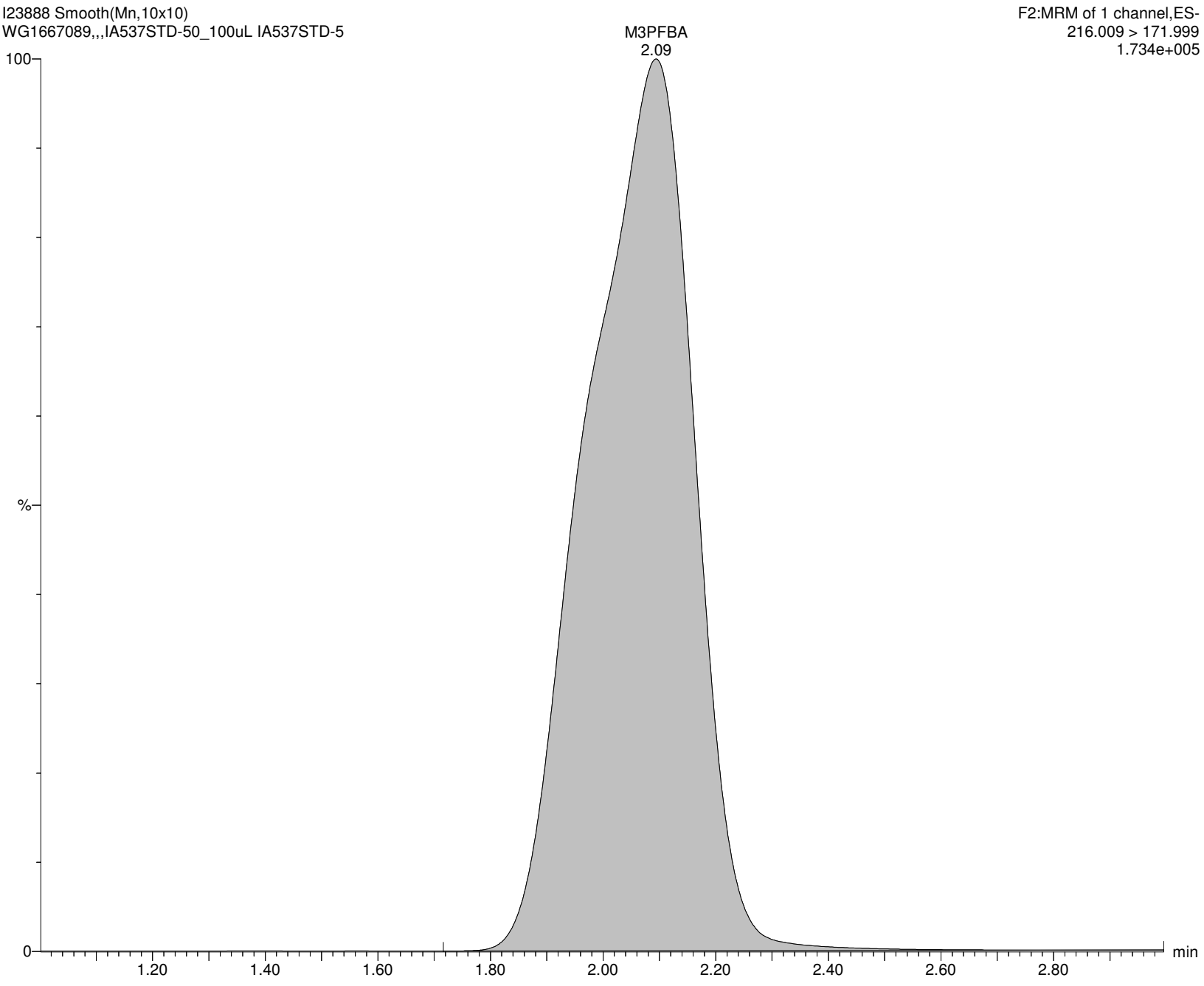


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M3PFBA

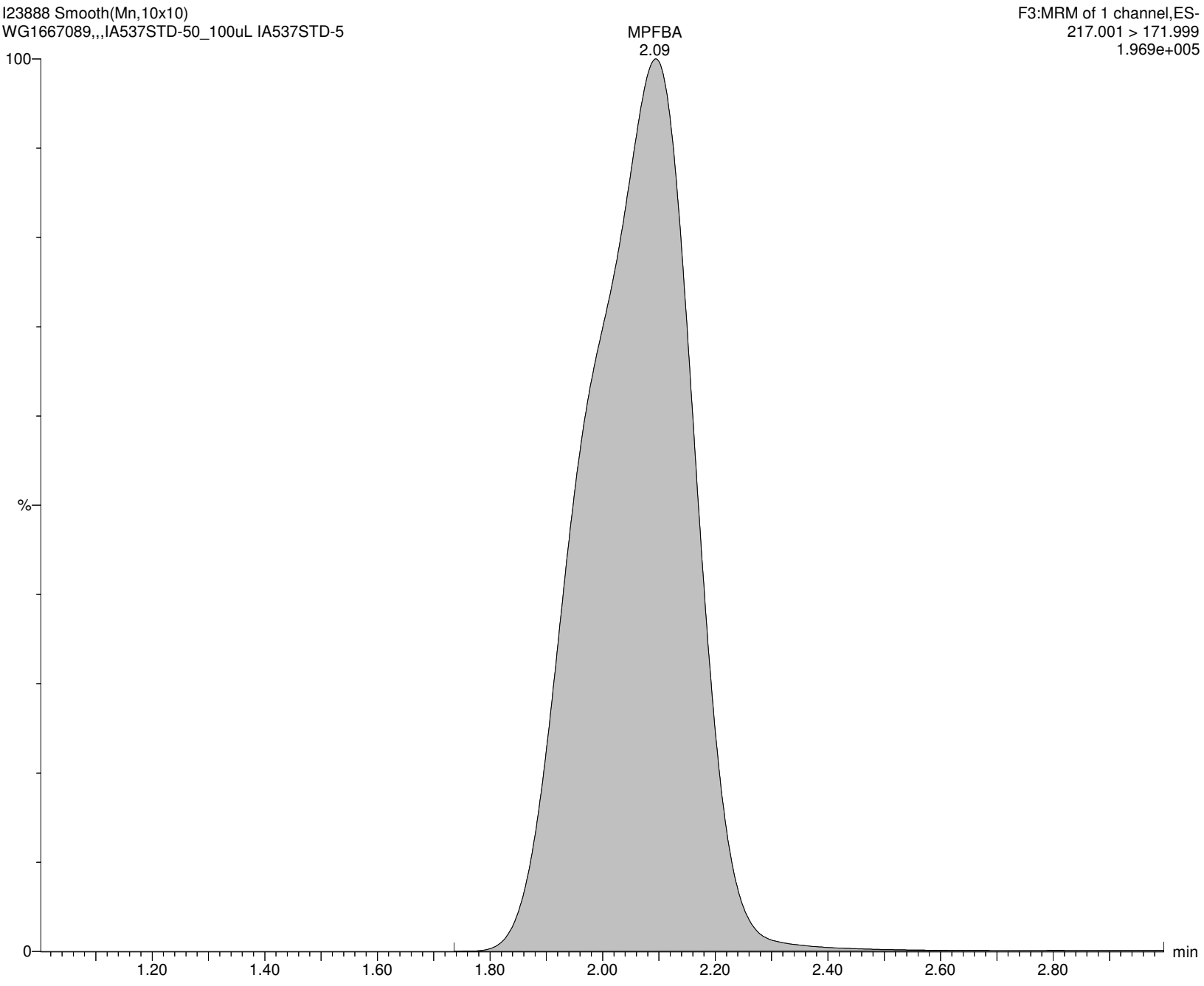


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

MPFBA

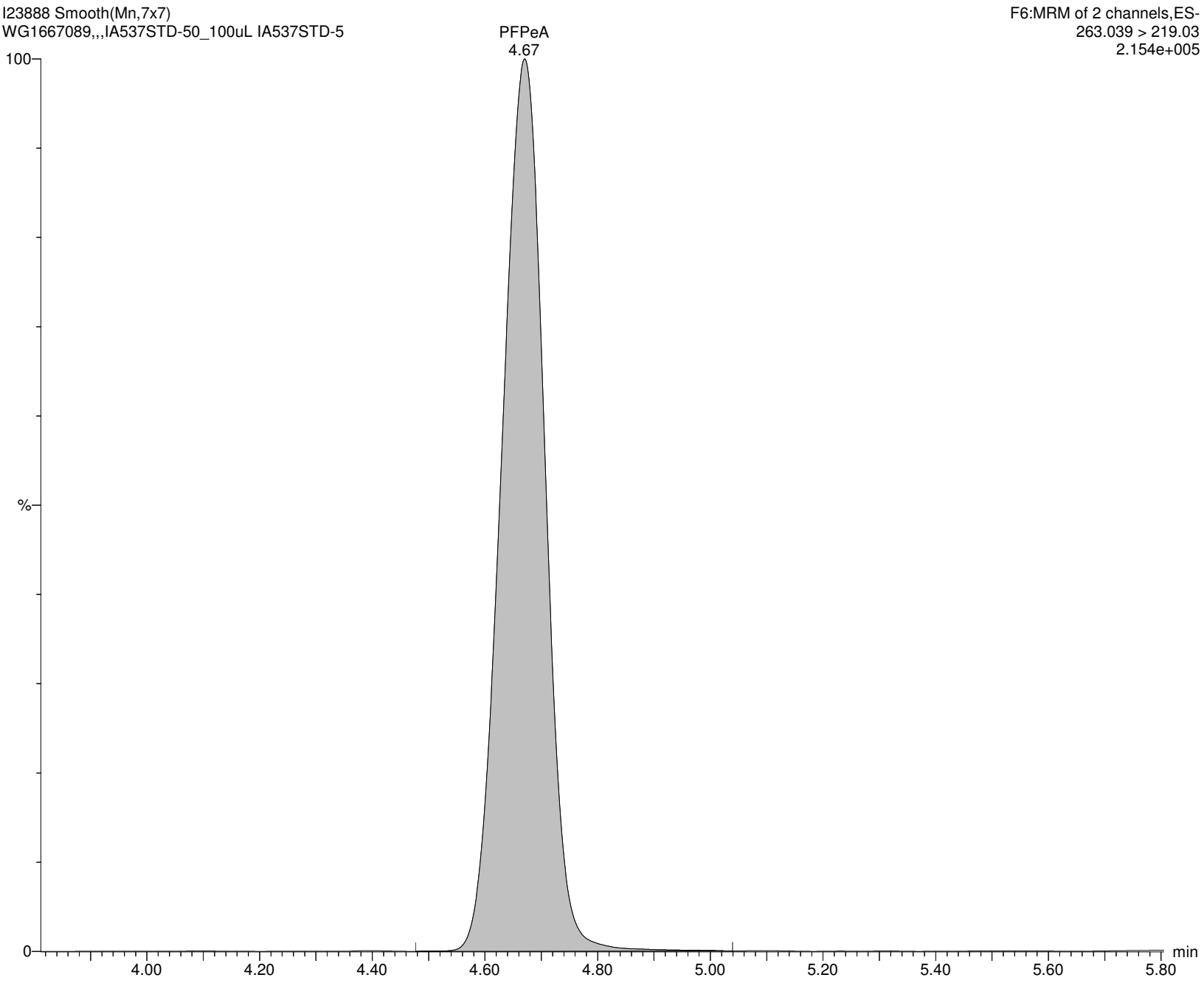


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFPeA

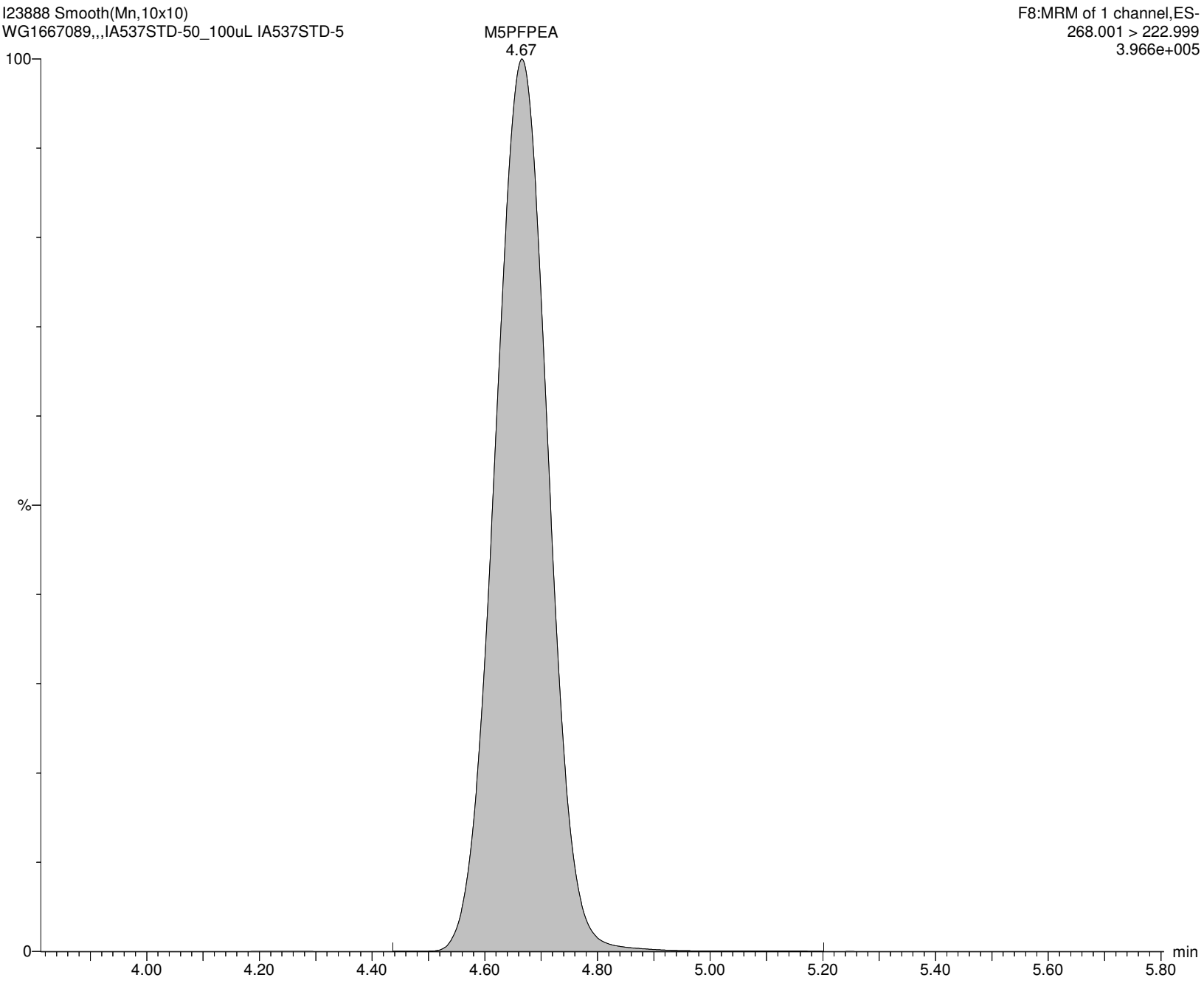


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M5PFPEA

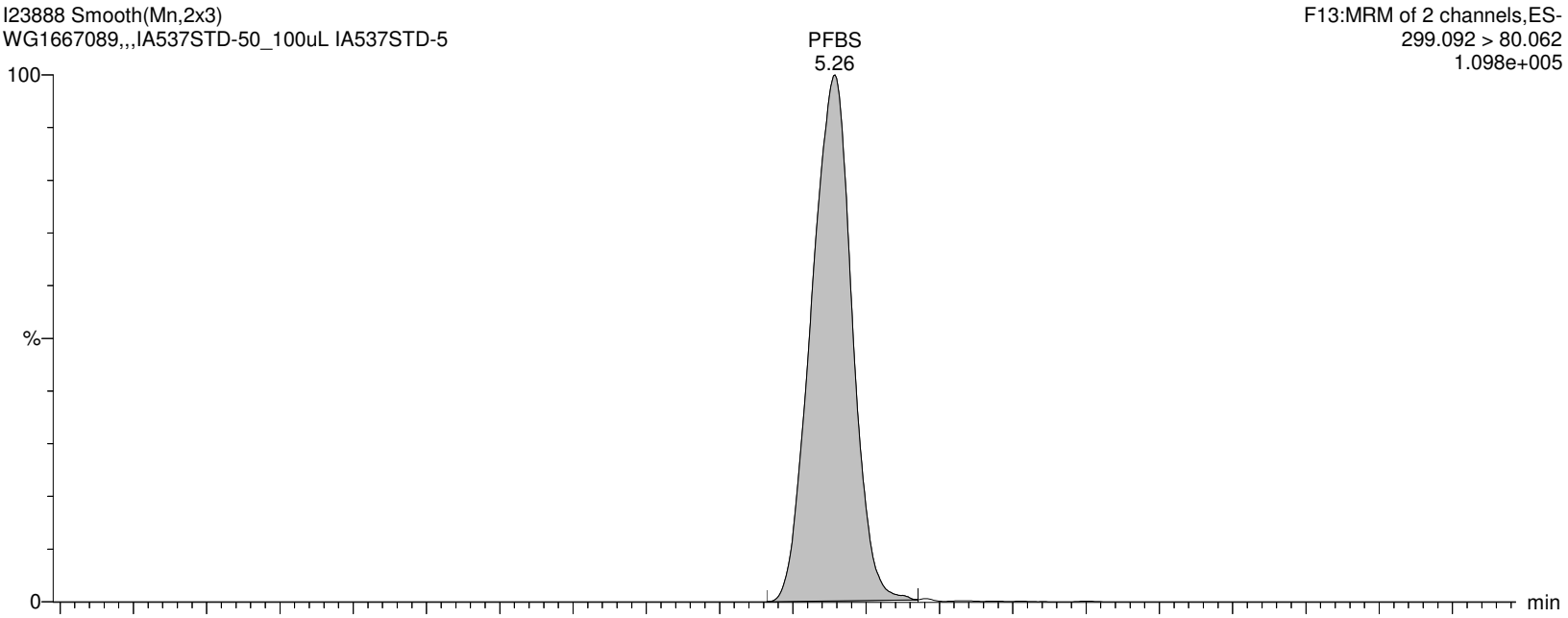


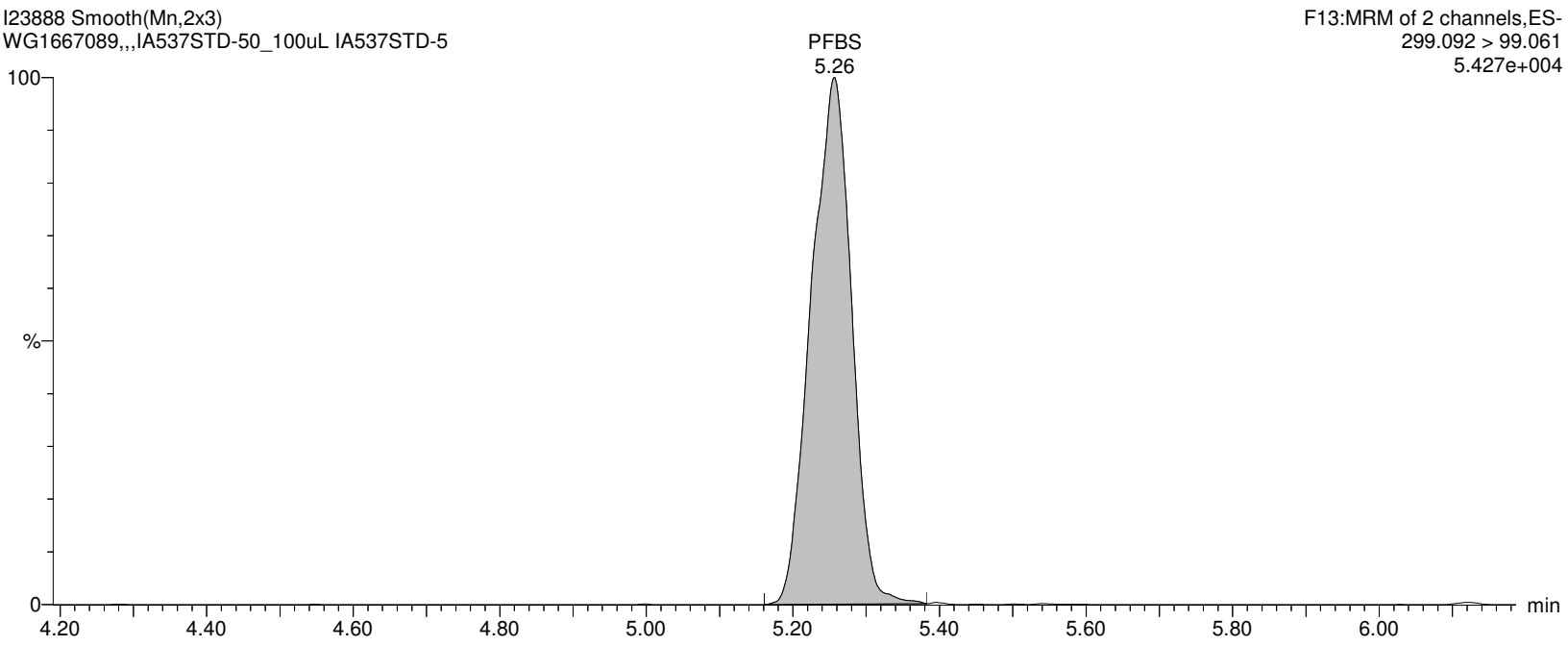
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFBS



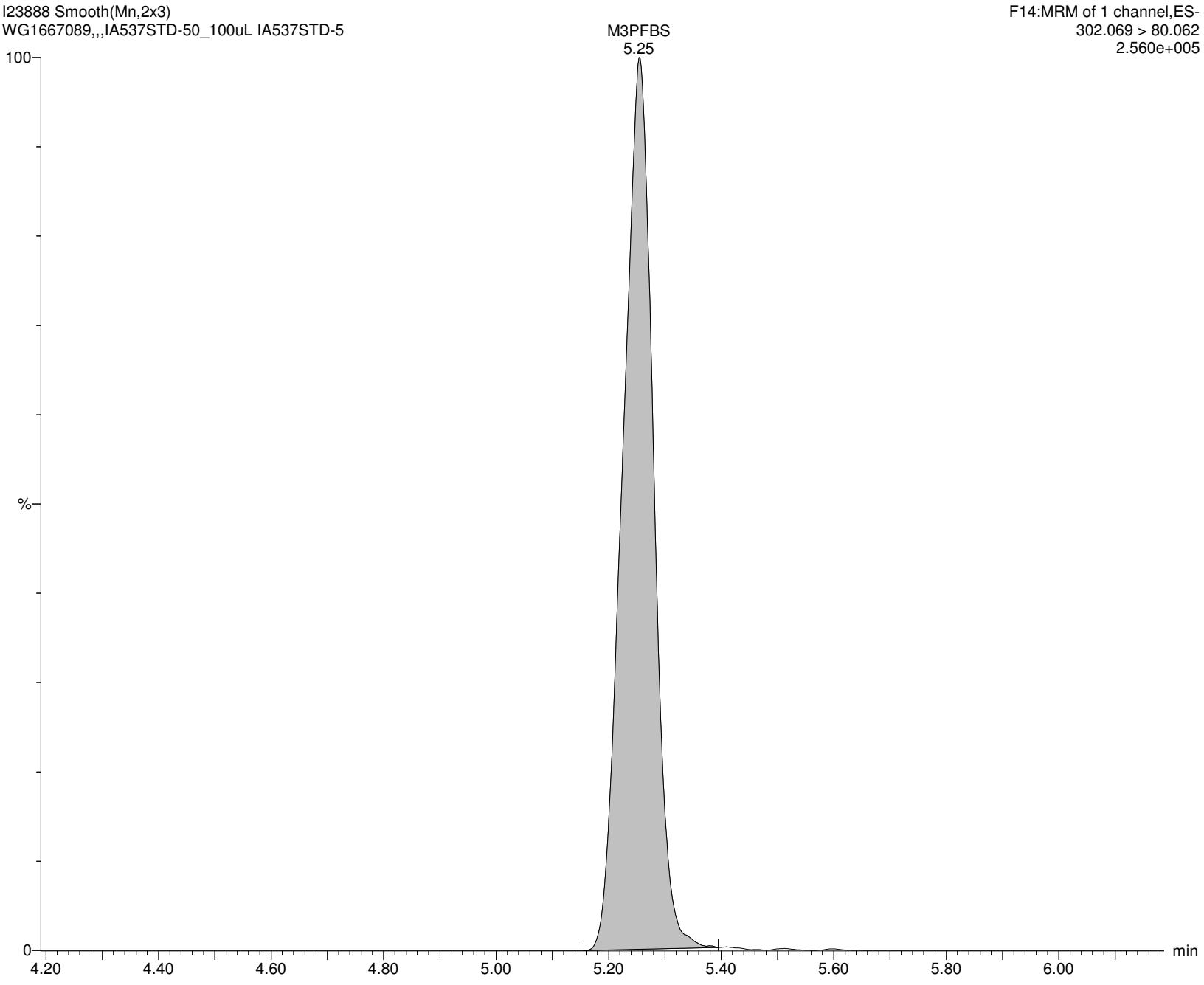


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M3PFBS

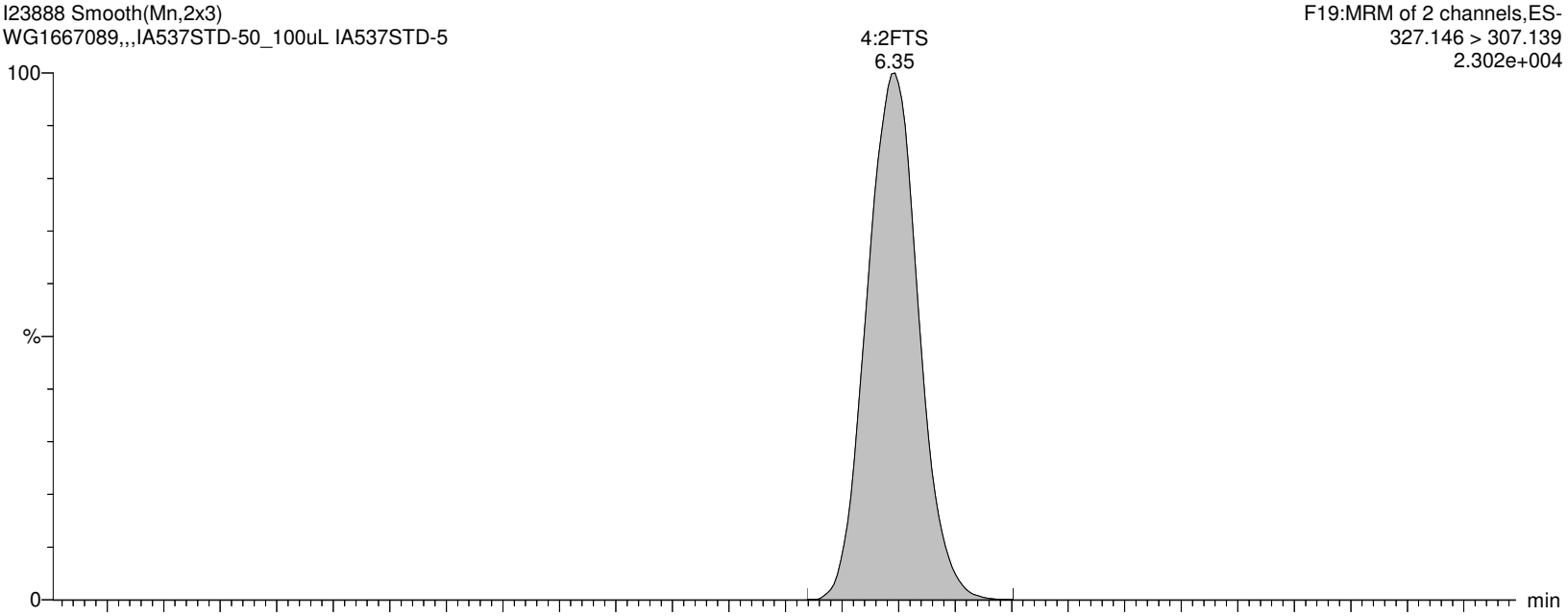


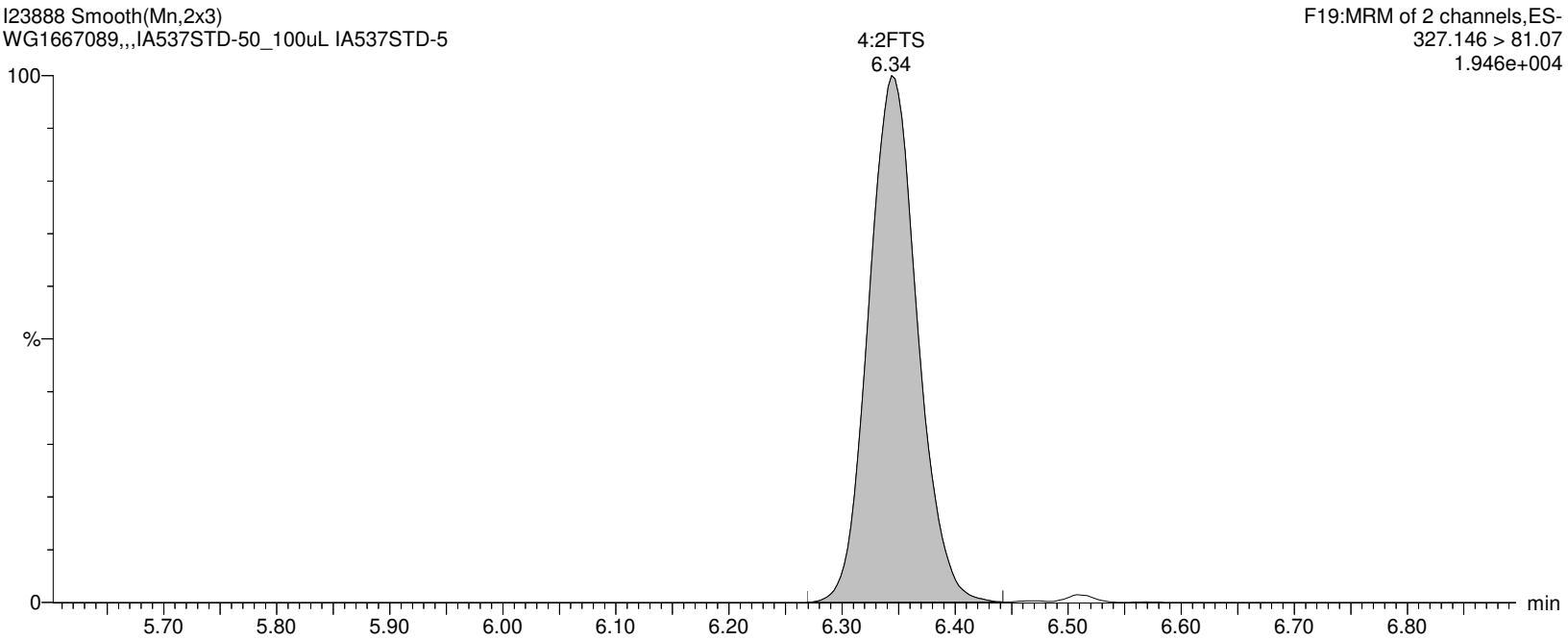
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

4:2FTS



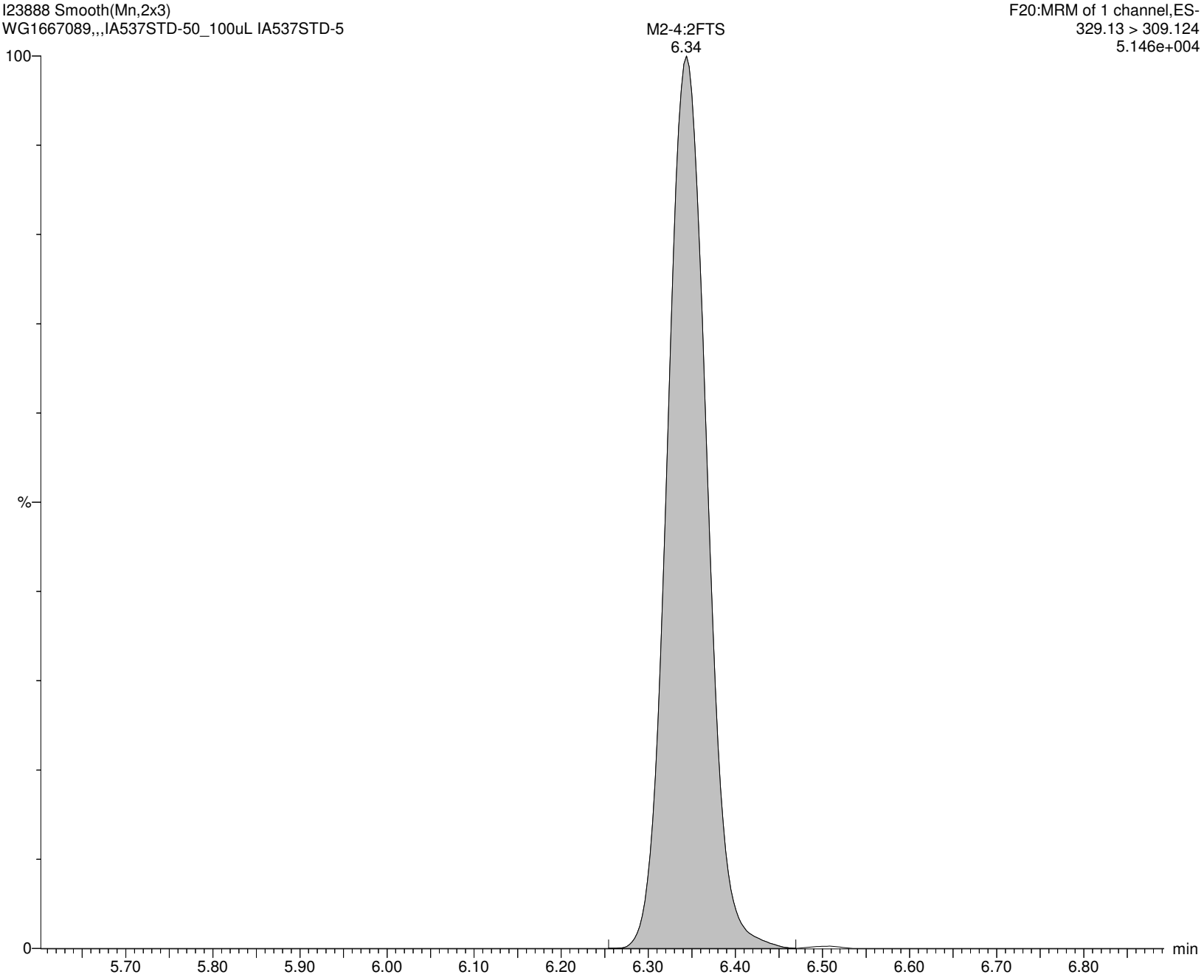


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2-4:2FTS

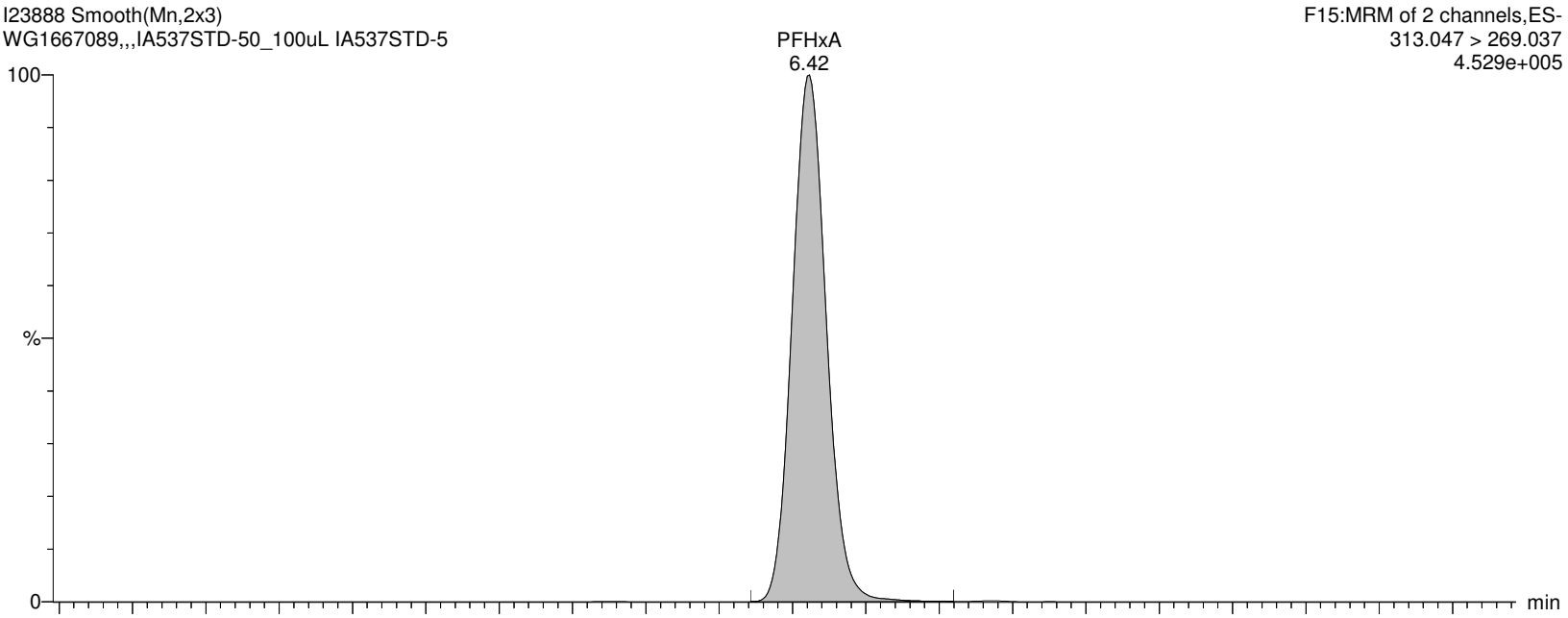


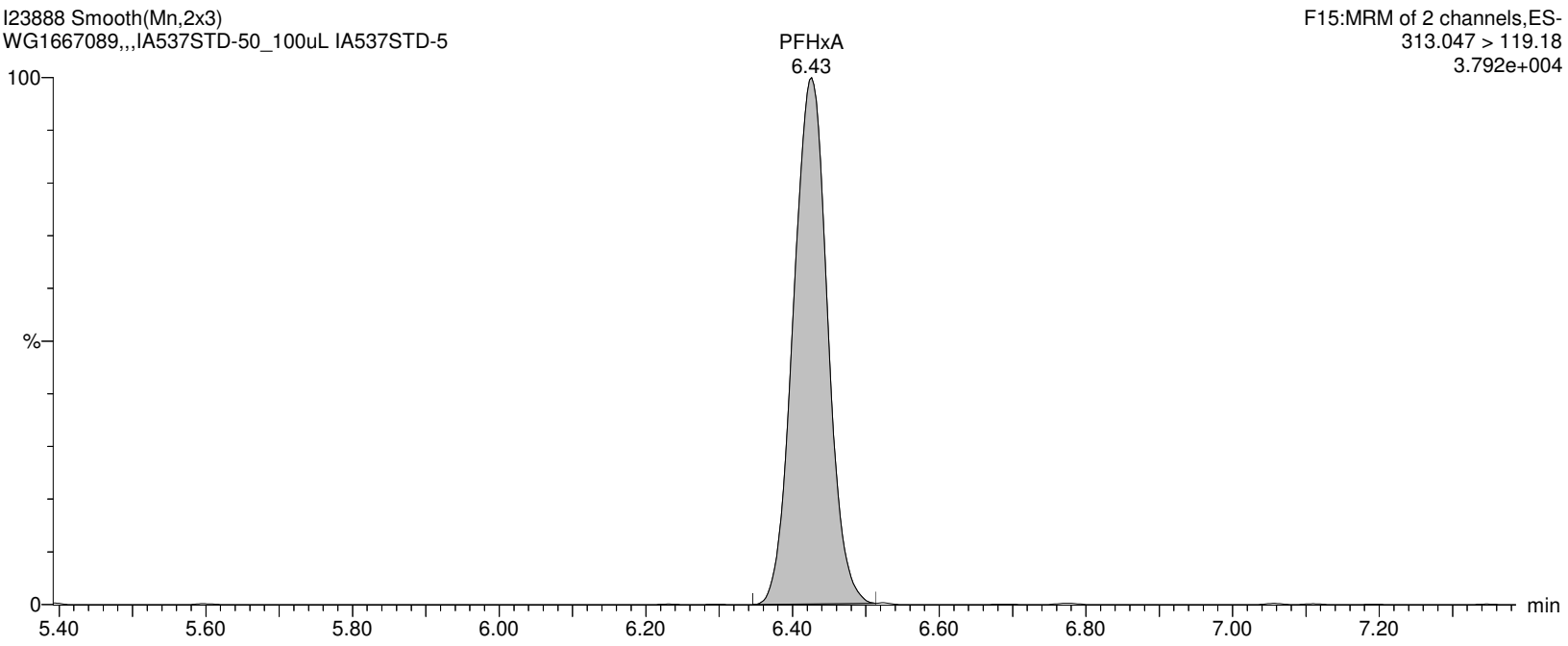
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFHxA



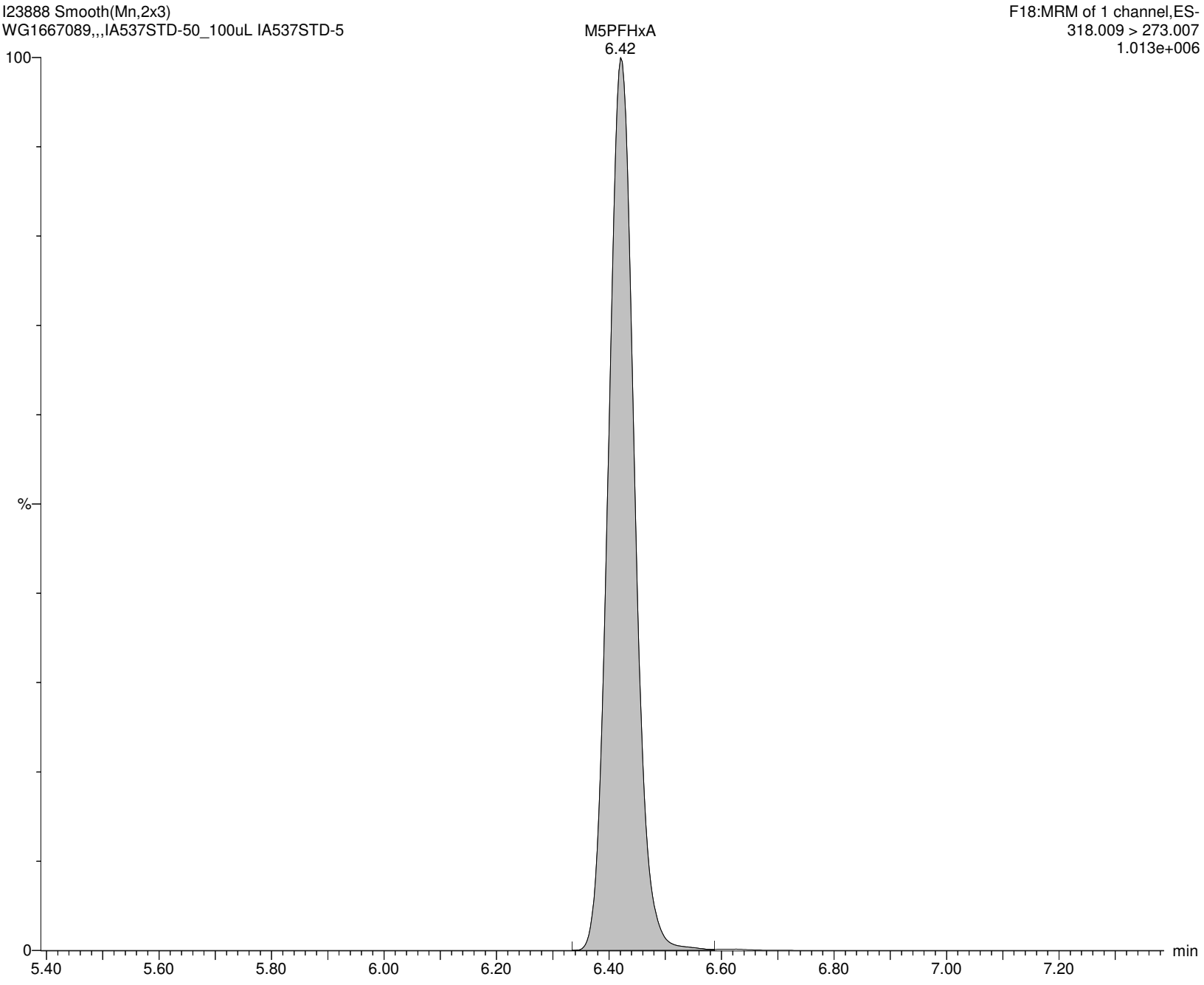


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M5PFHxA

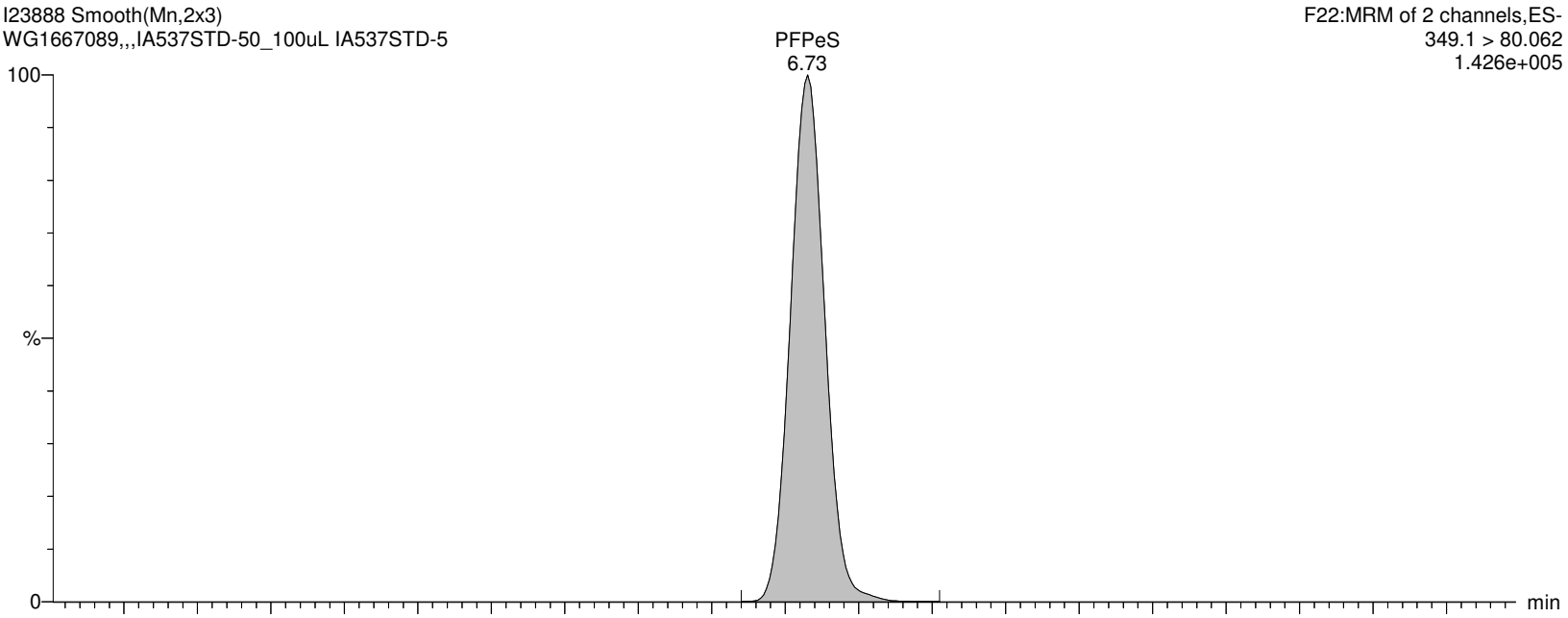


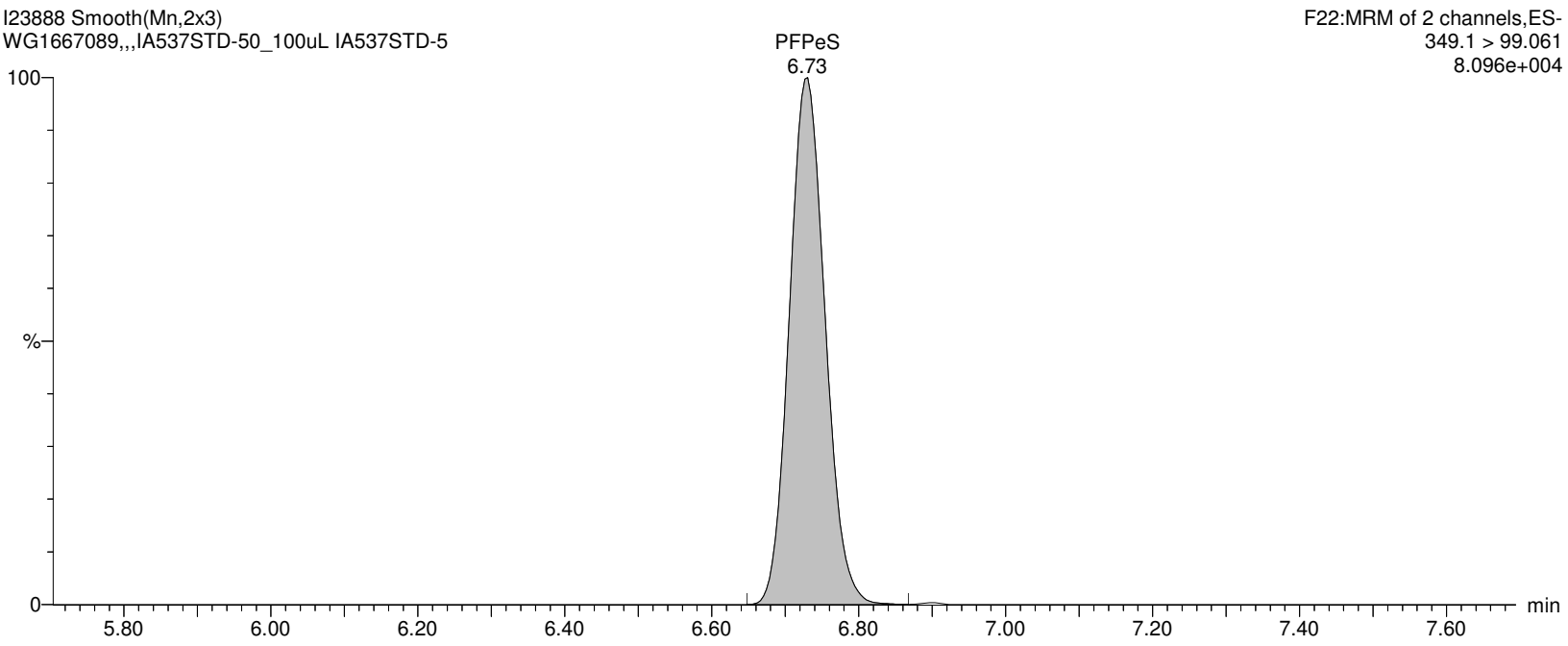
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFPeS



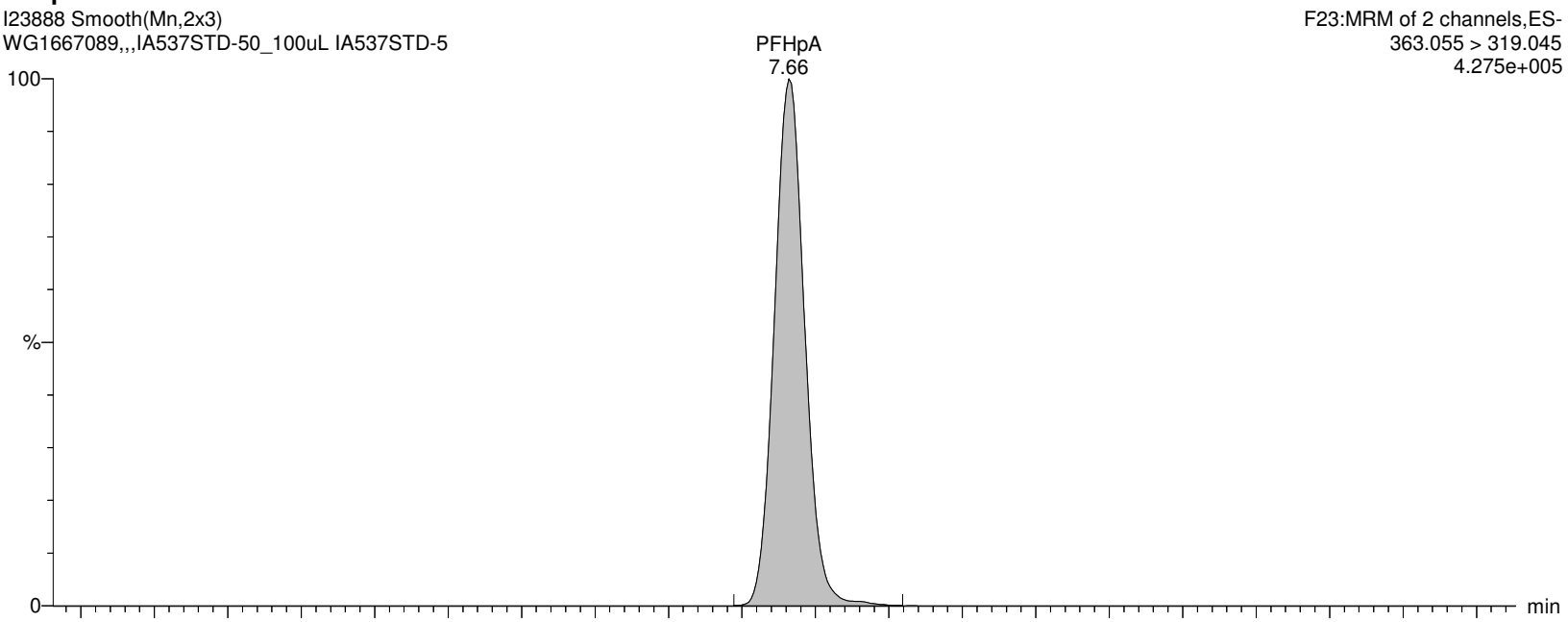


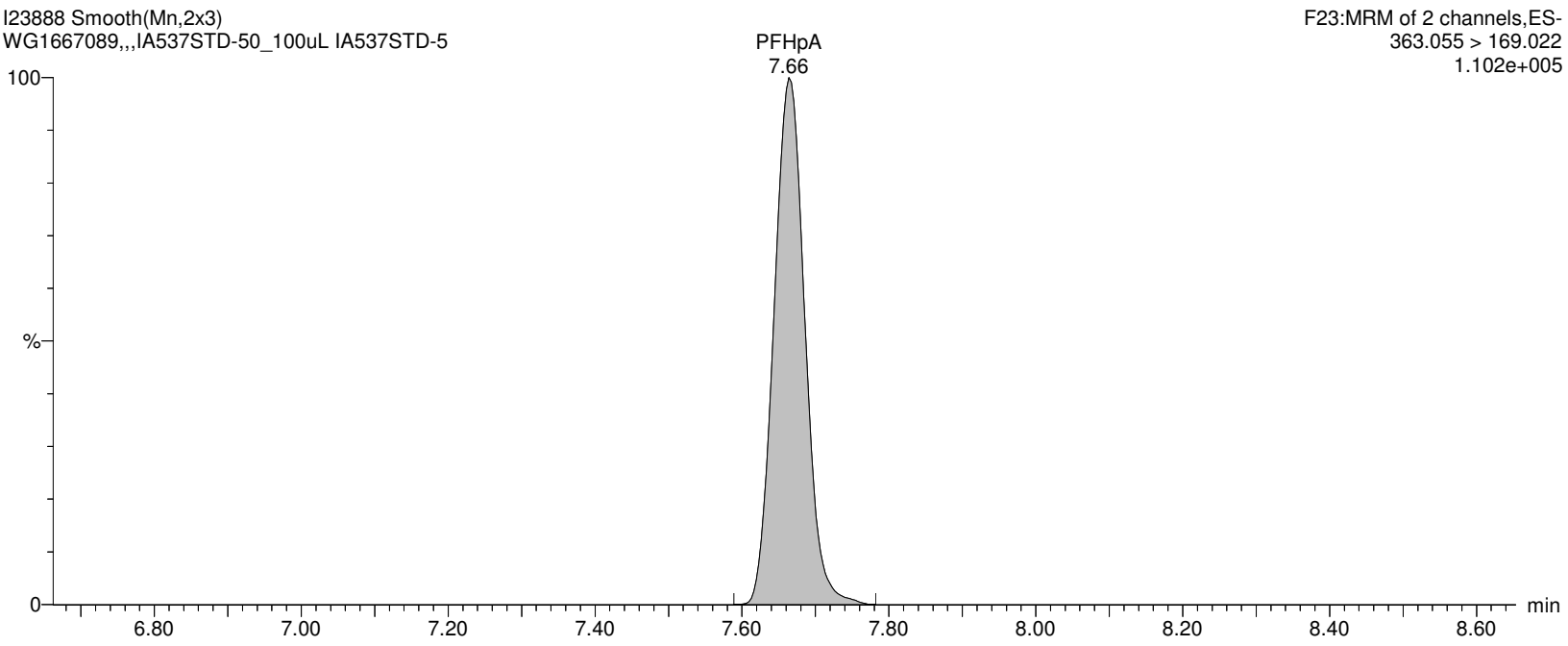
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFHpA



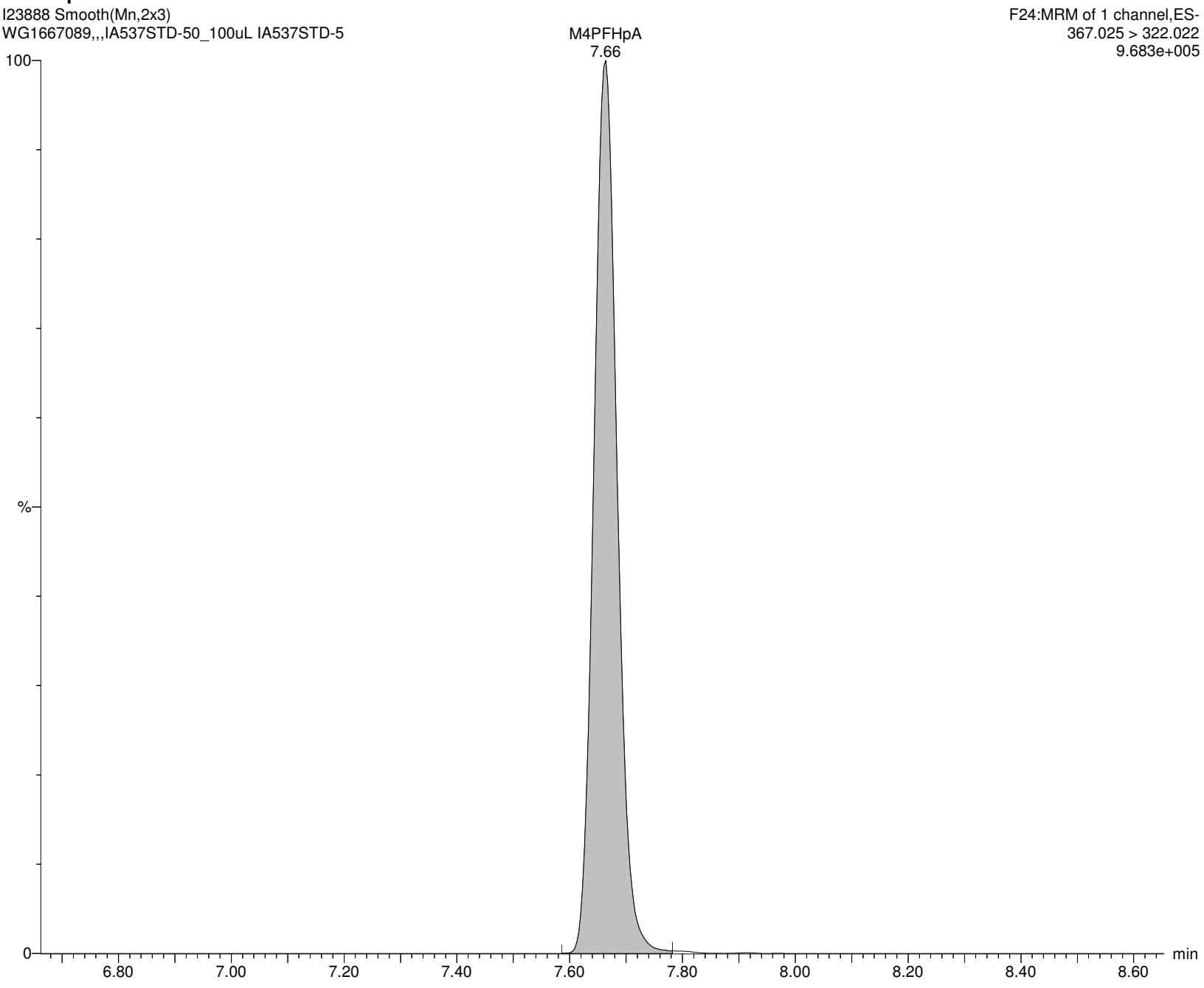


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M4PFHpA

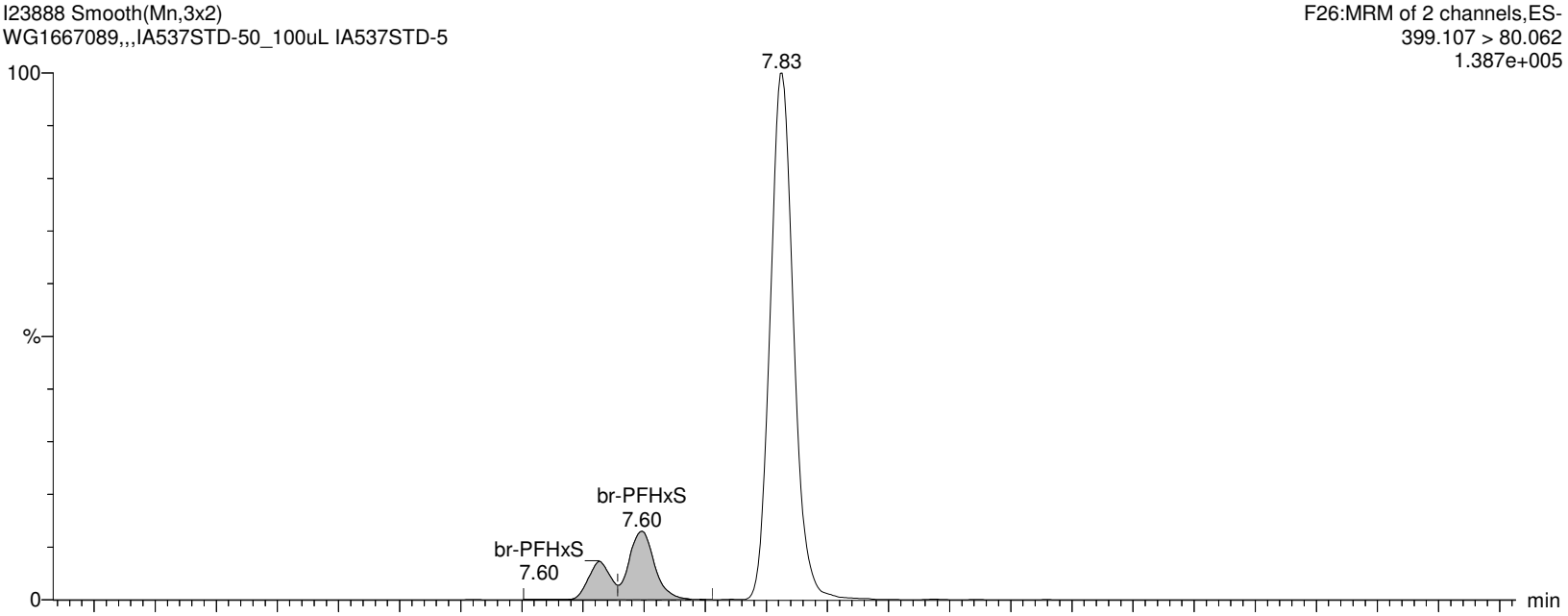


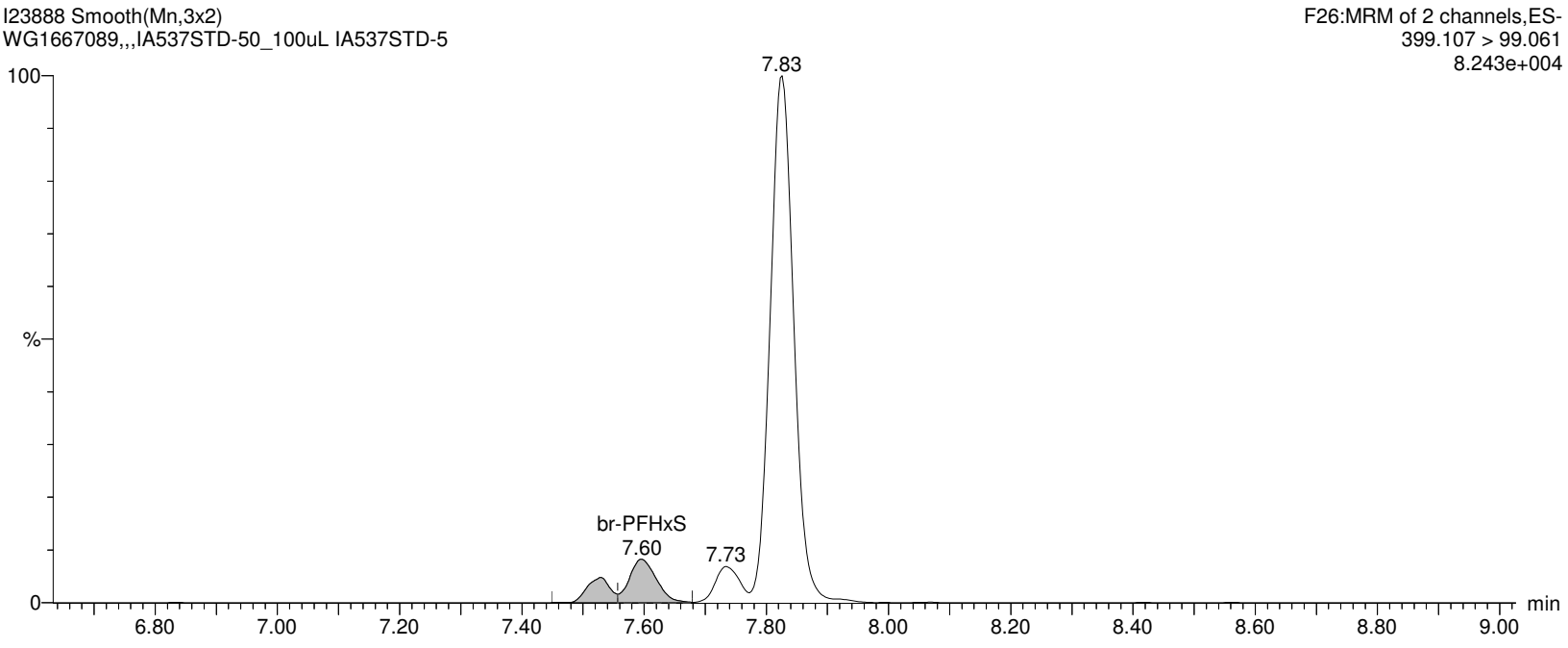
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

br-PFHxS



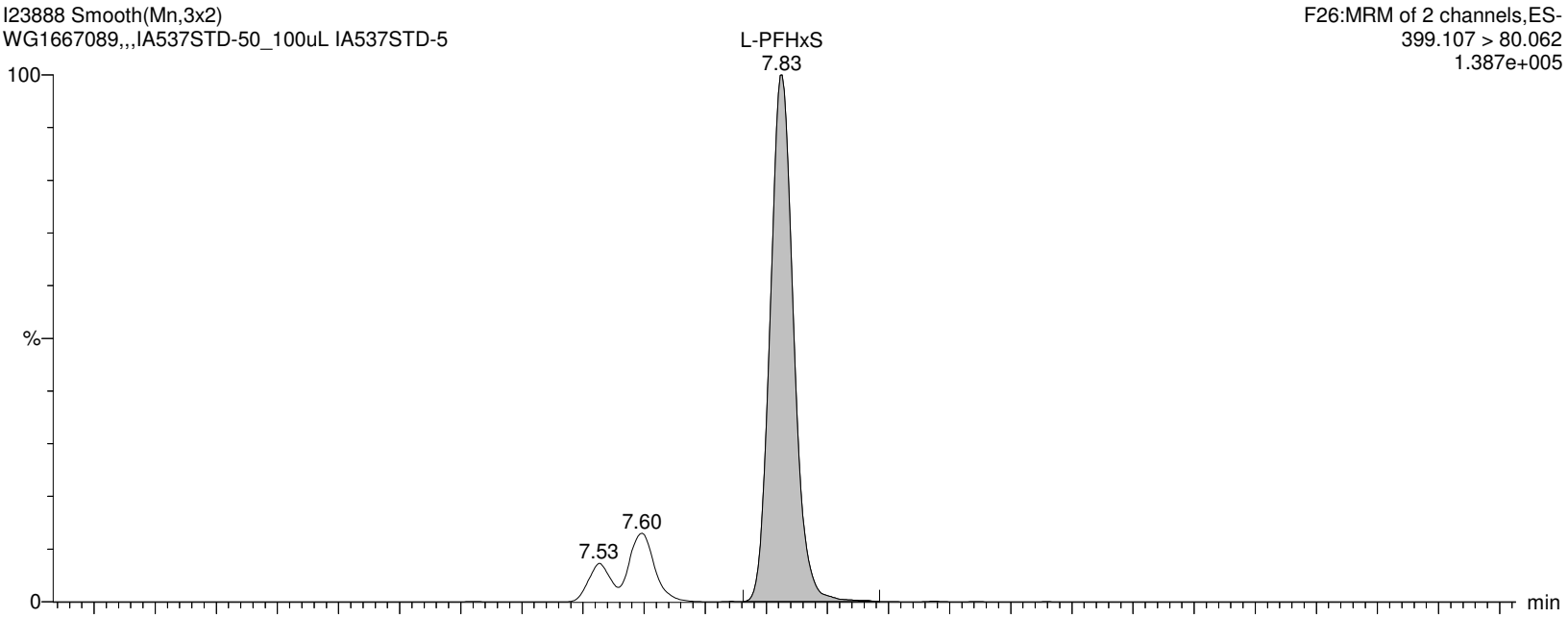


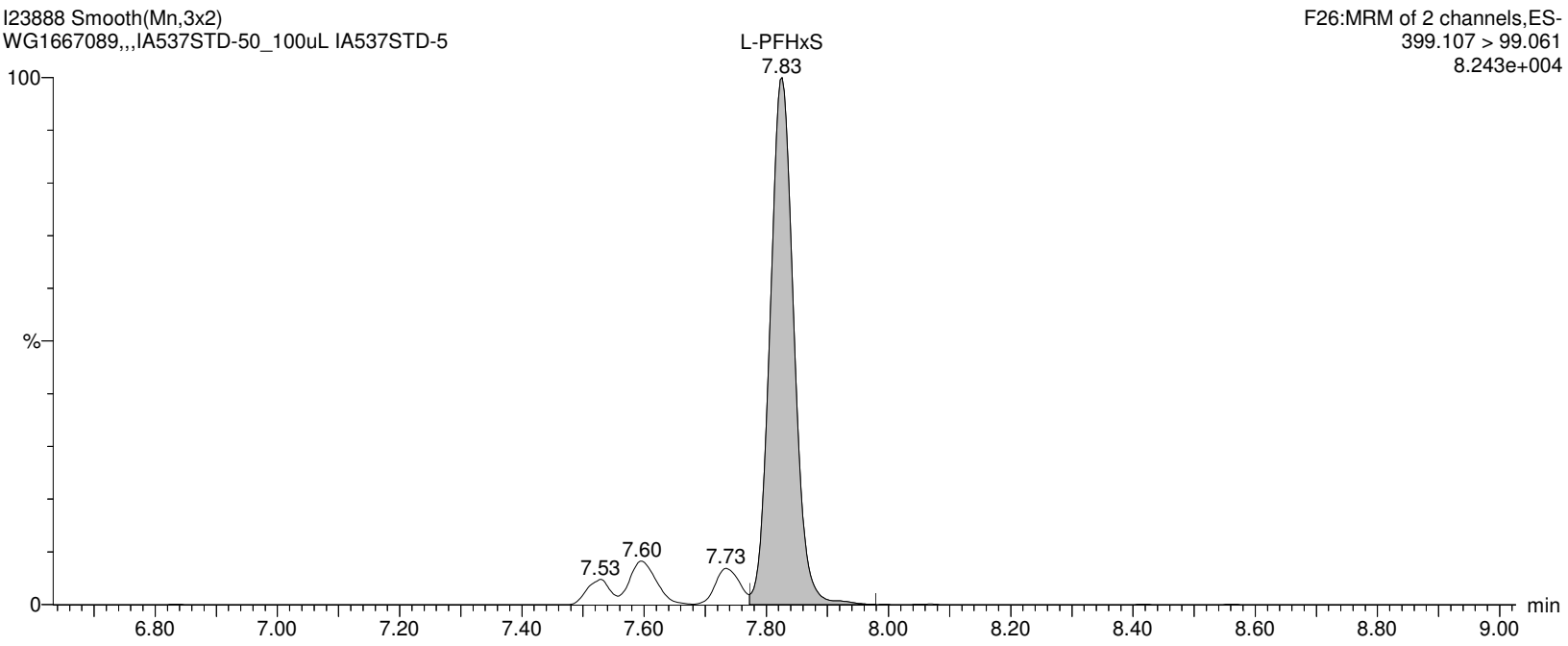
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

L-PFHxS



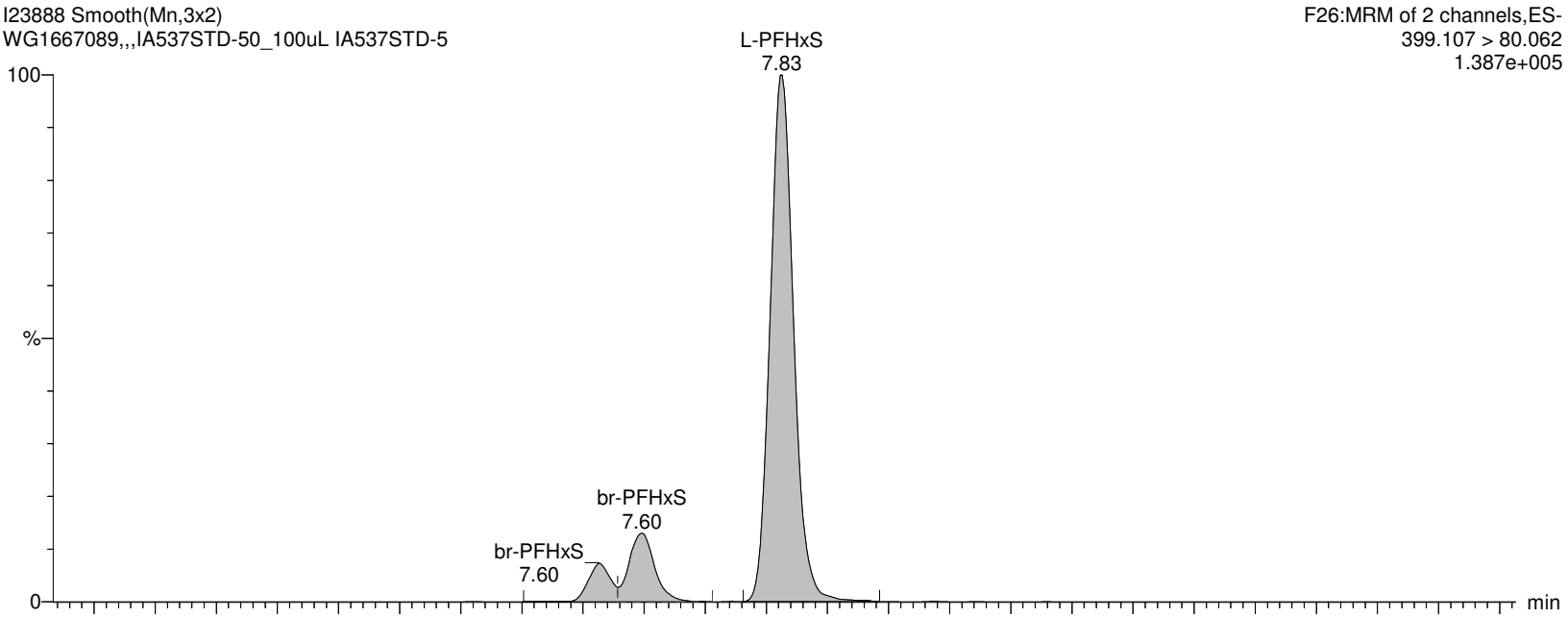


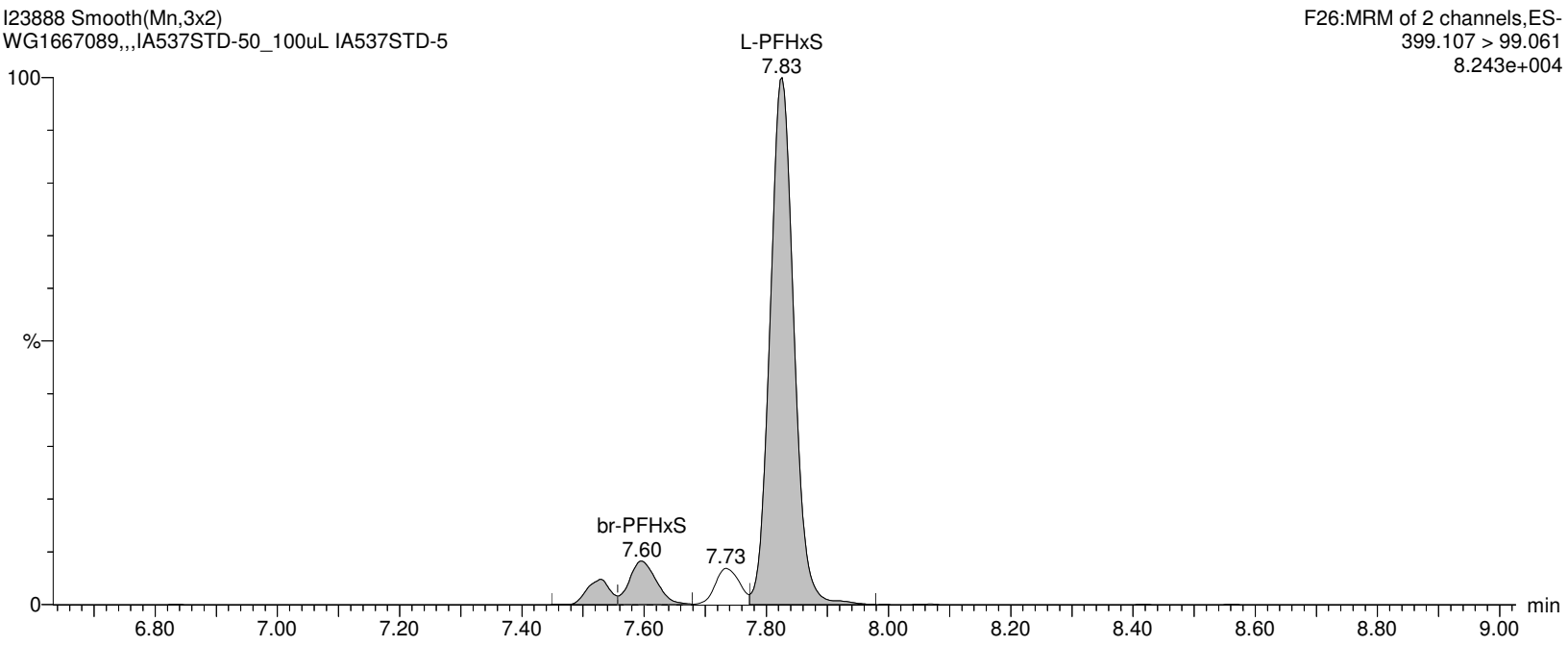
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFHxS



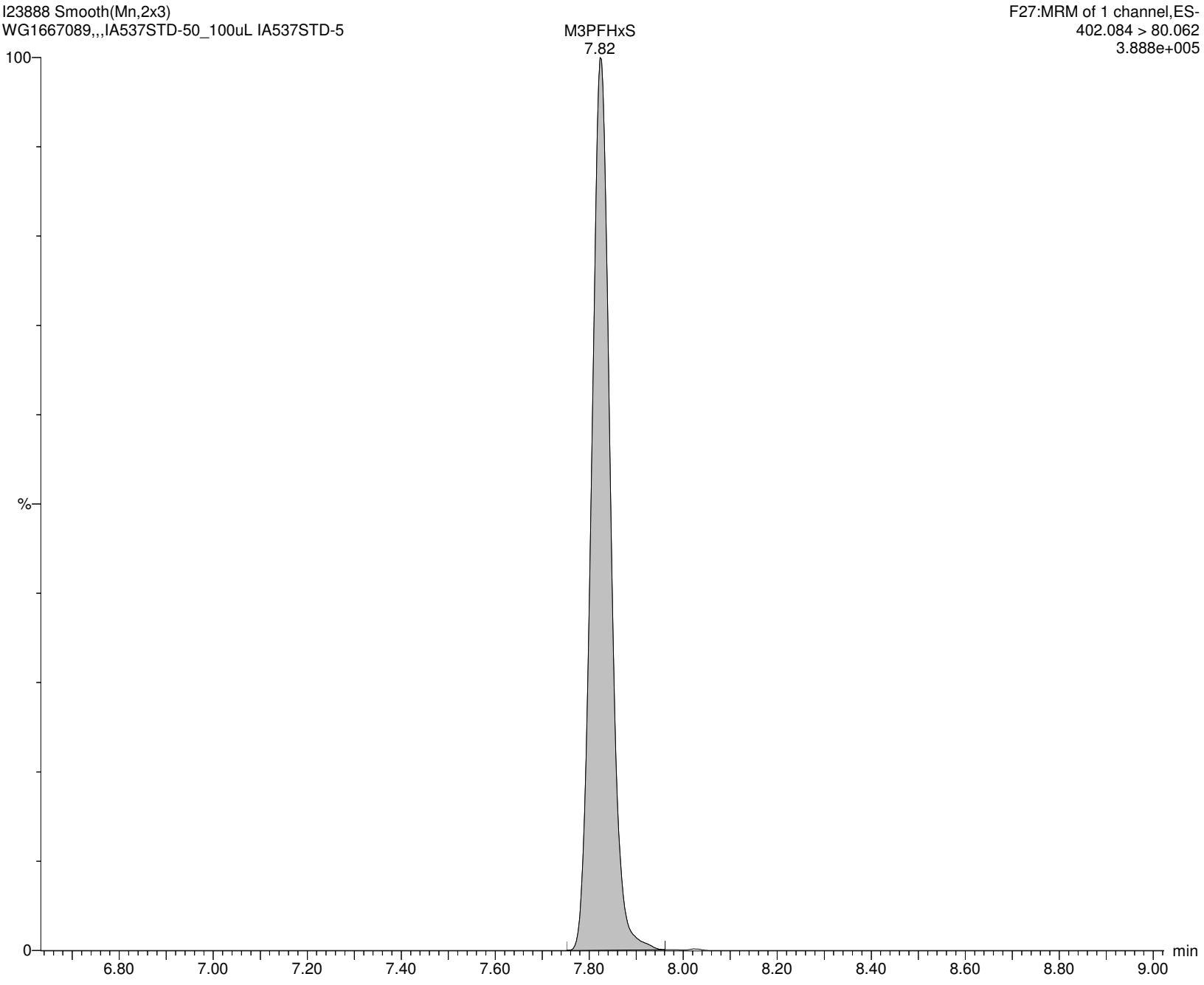


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M3PFHxS

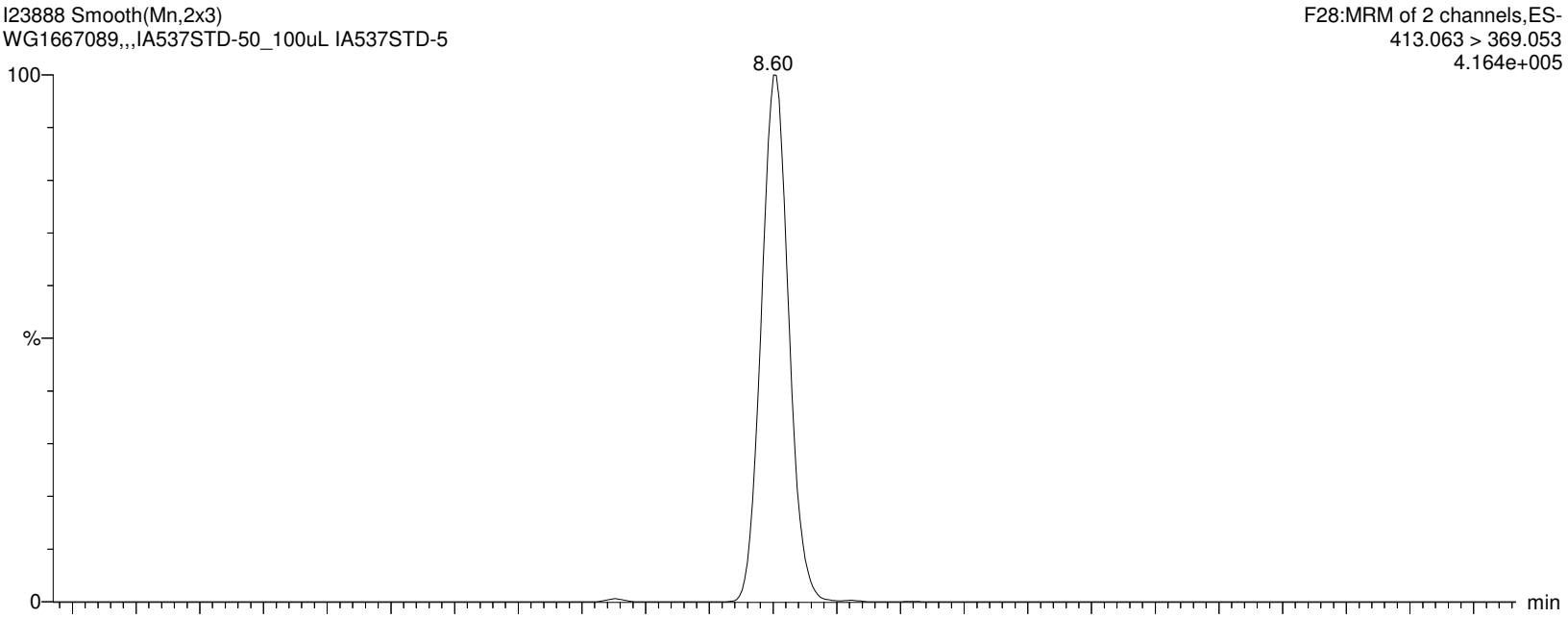


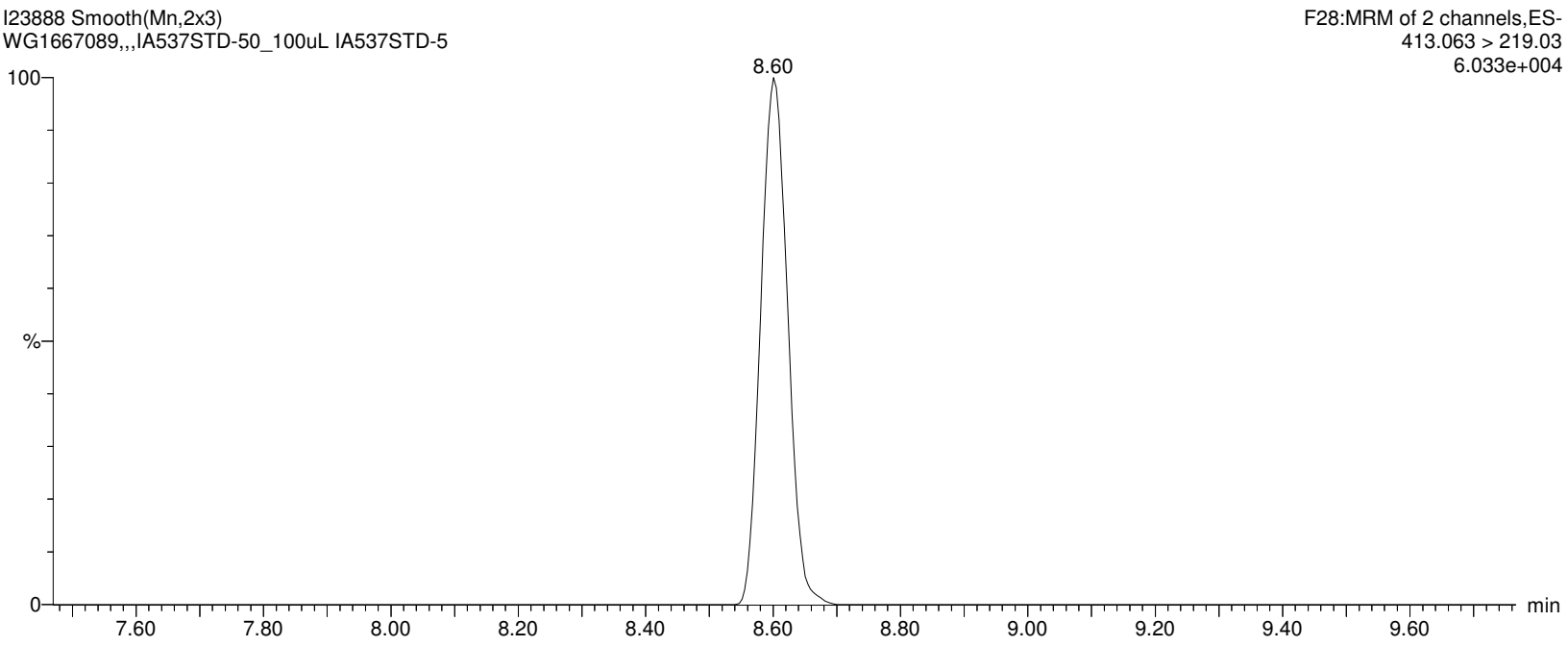
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

br-PFOA



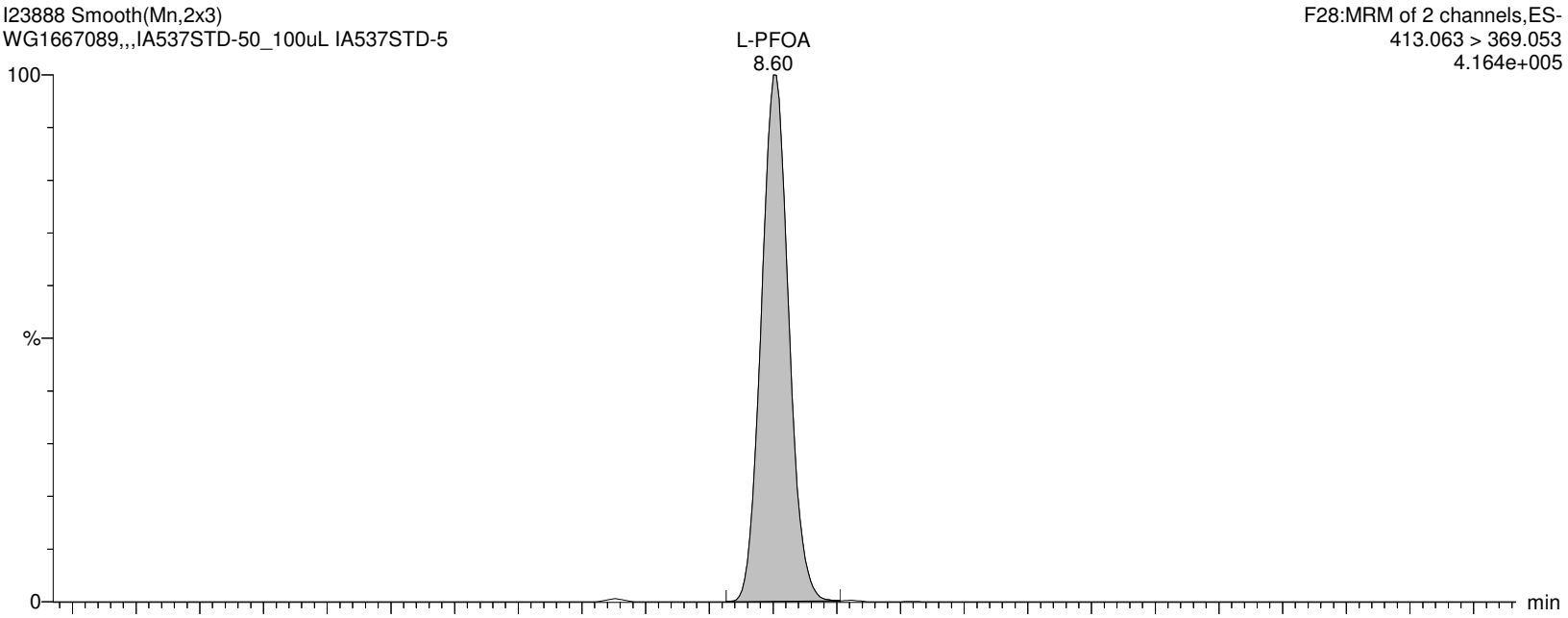


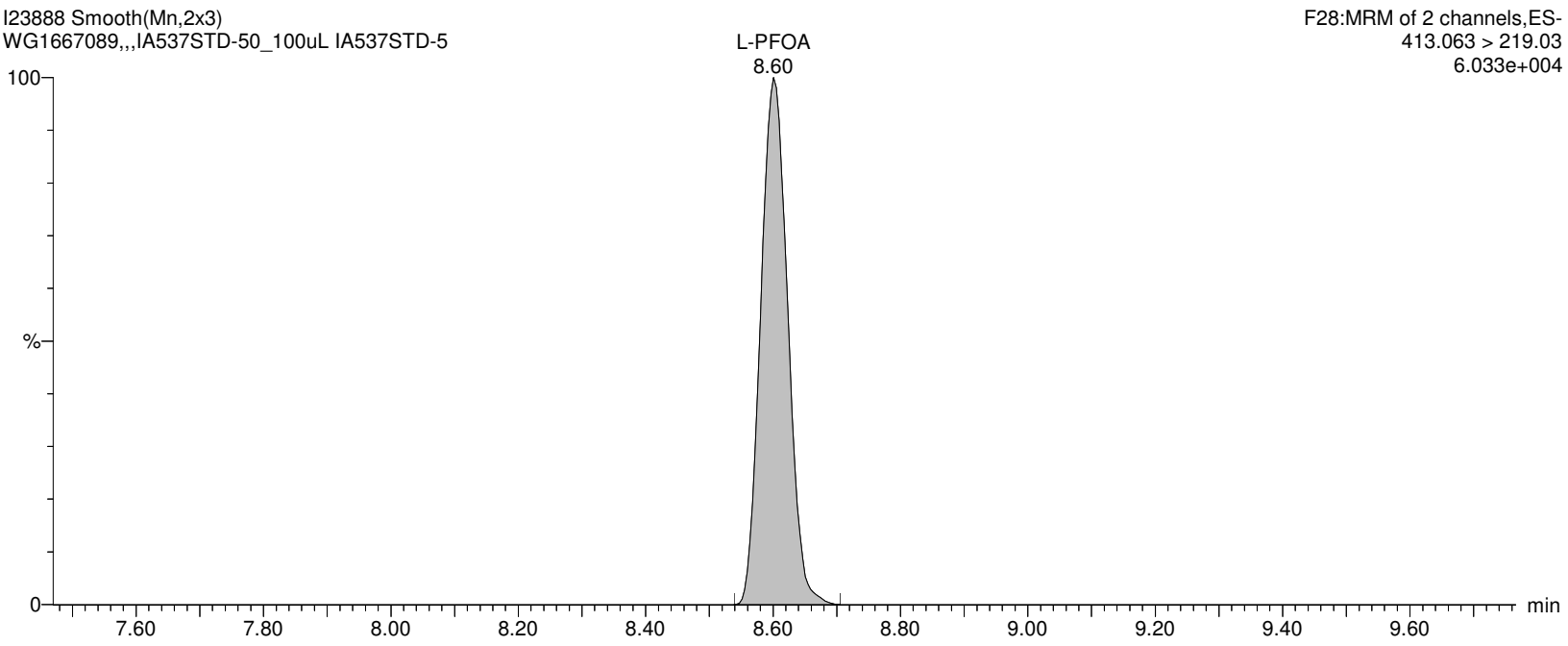
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

L-PFOA



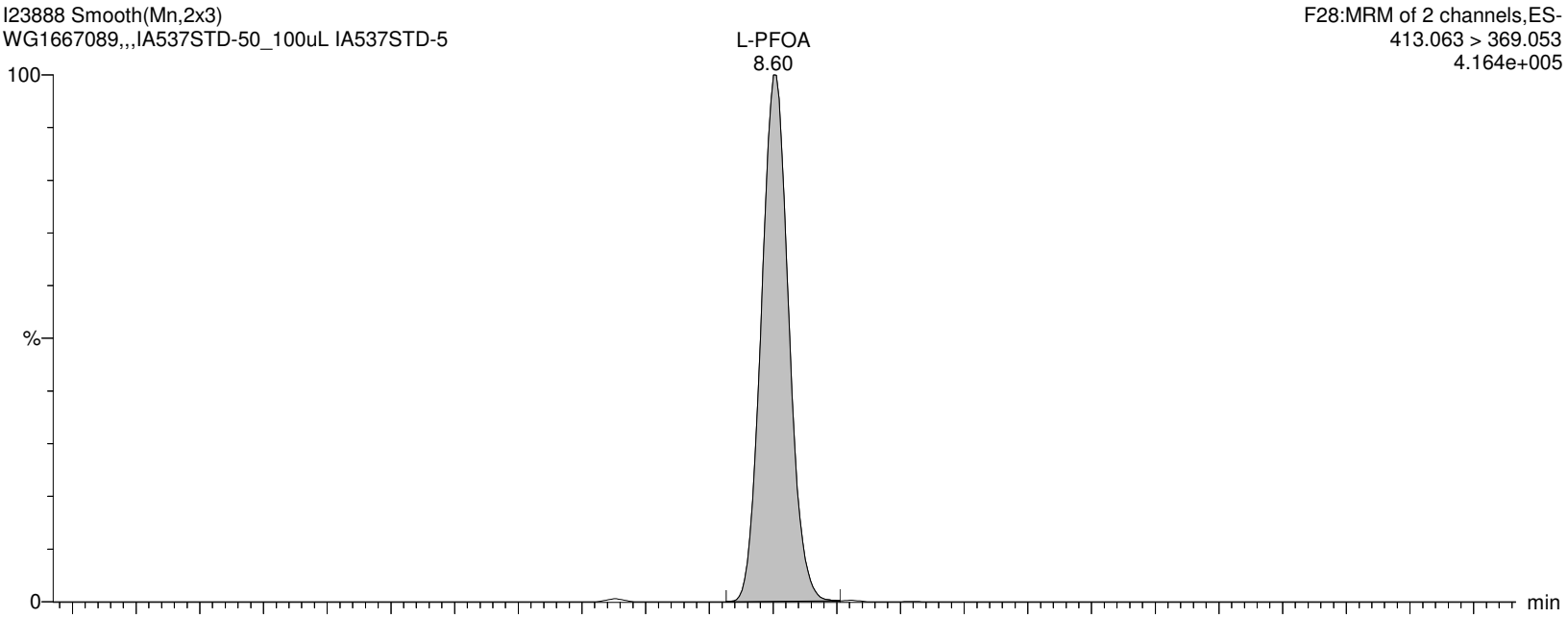


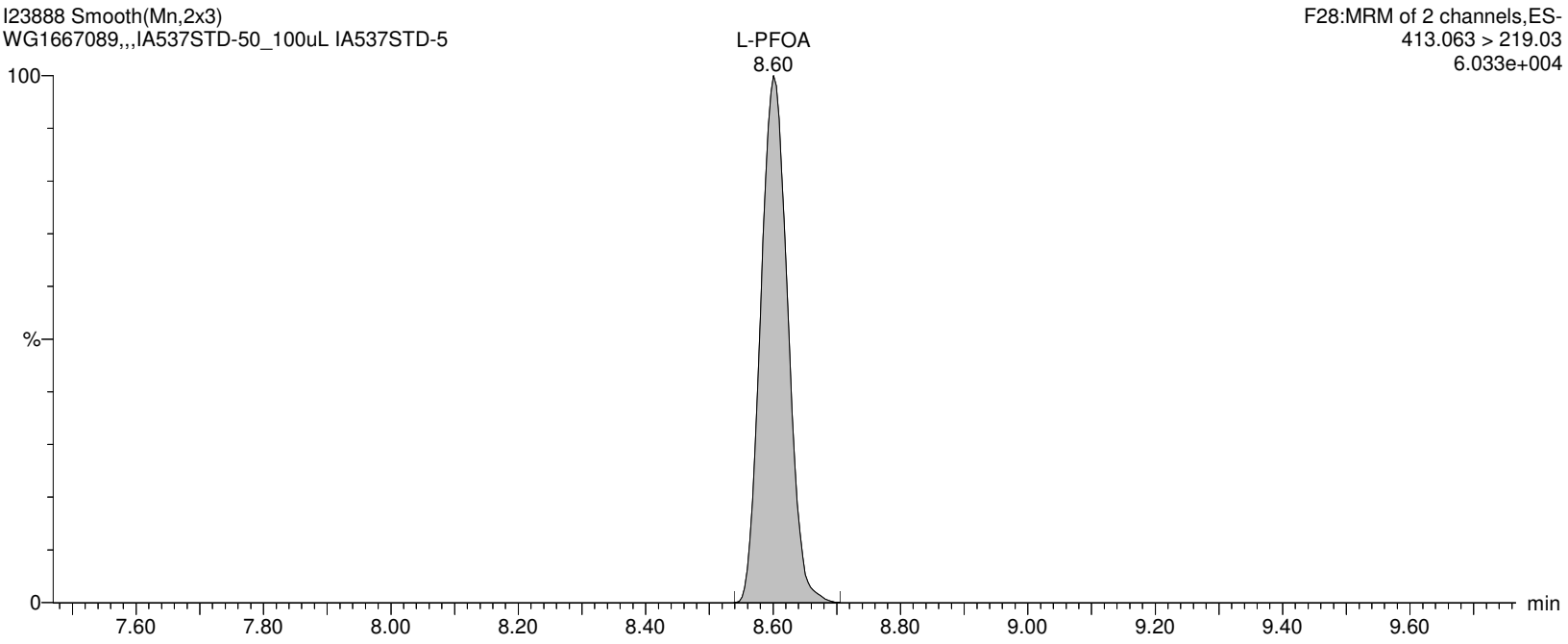
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFOA



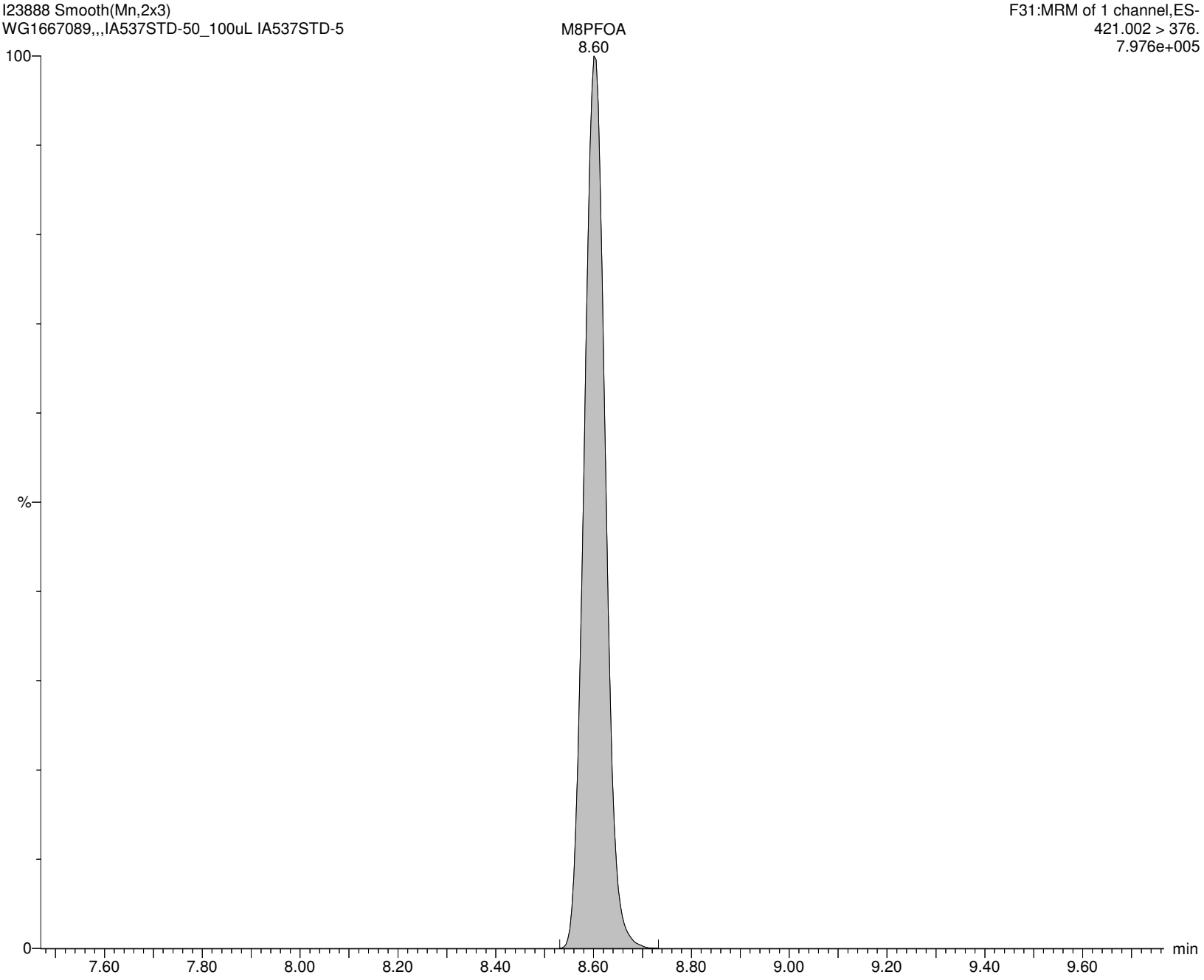


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M8PFOA

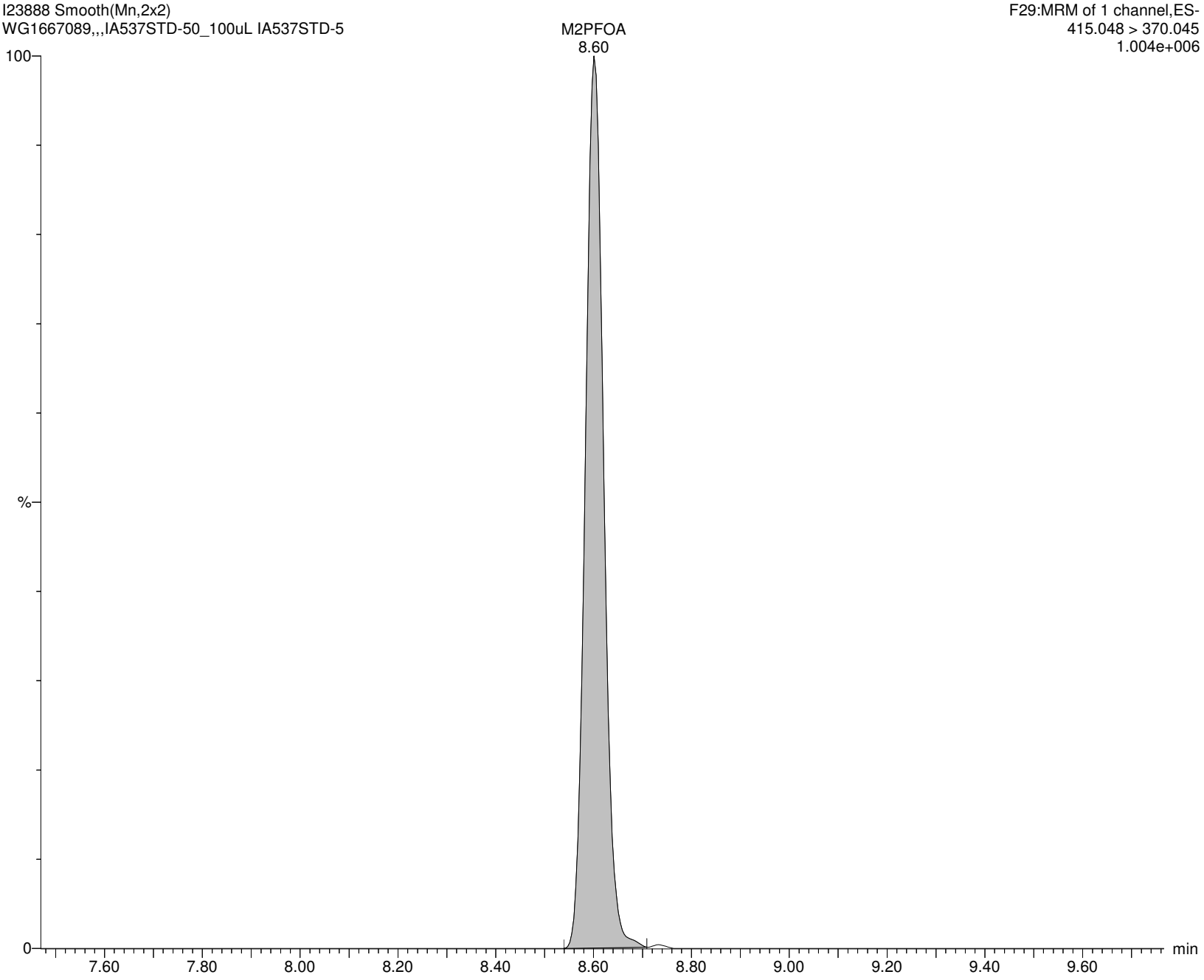


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2PFOA

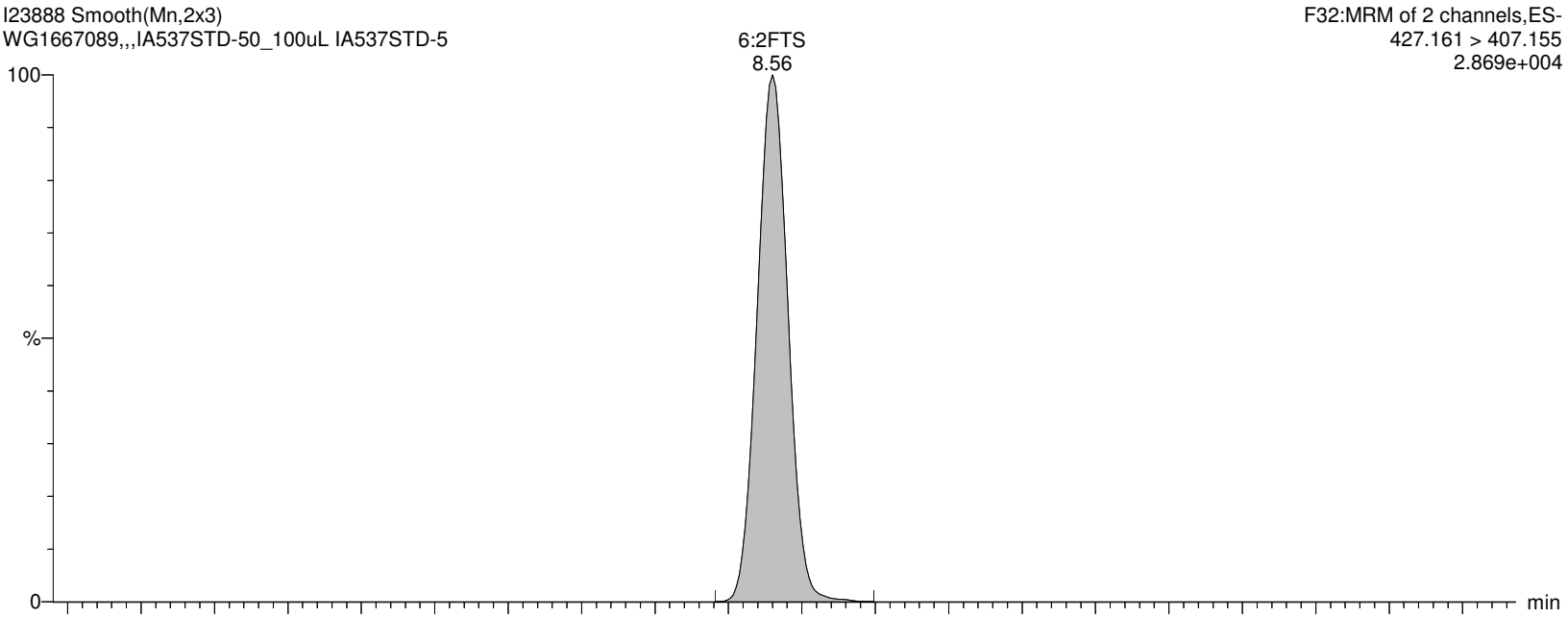


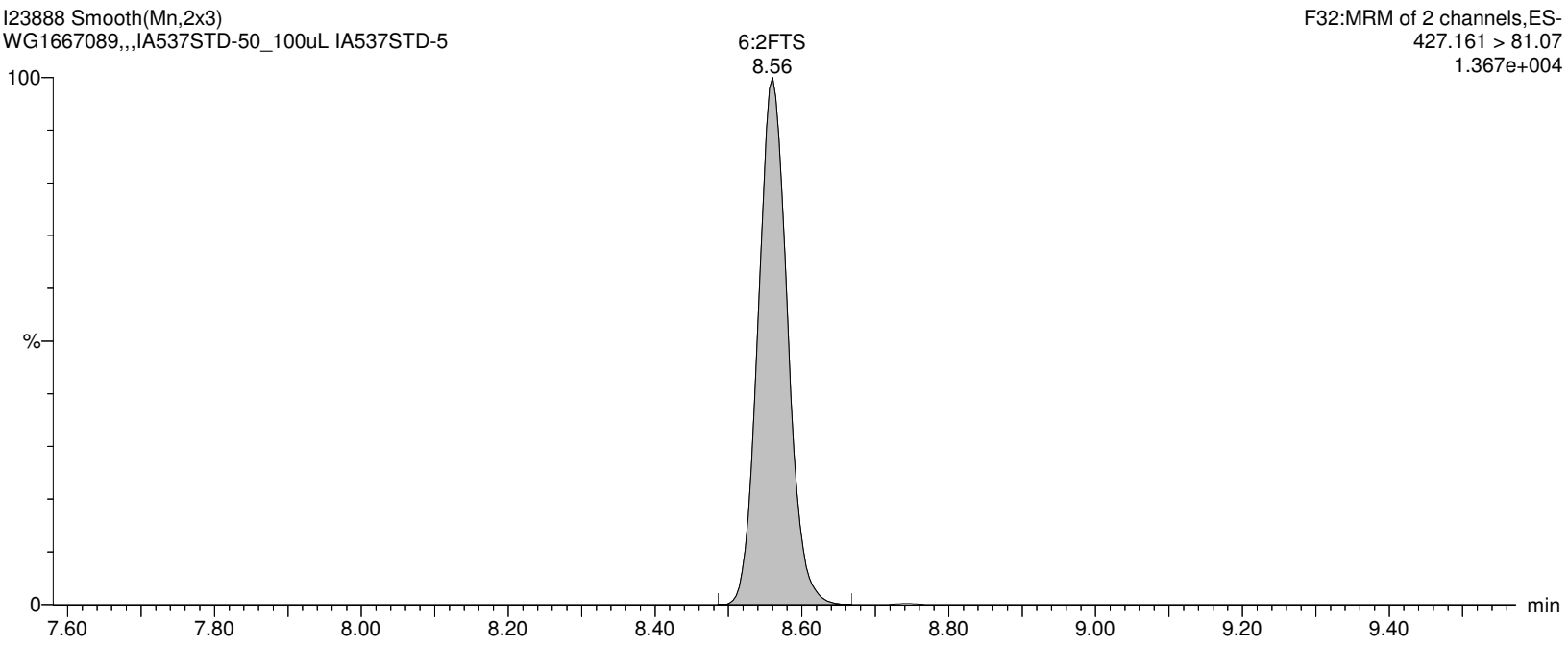
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

6:2FTS



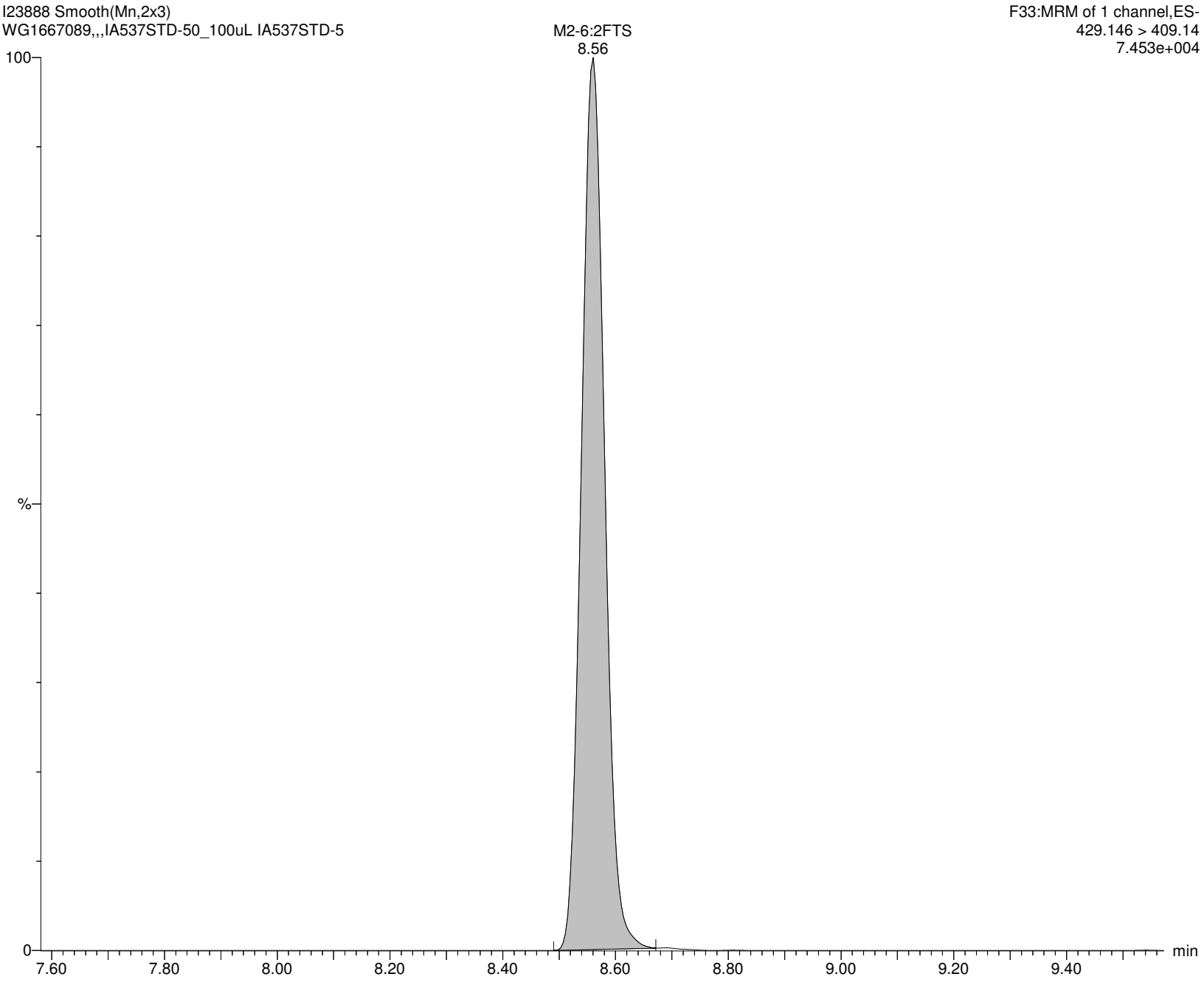


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2-6:2FTS

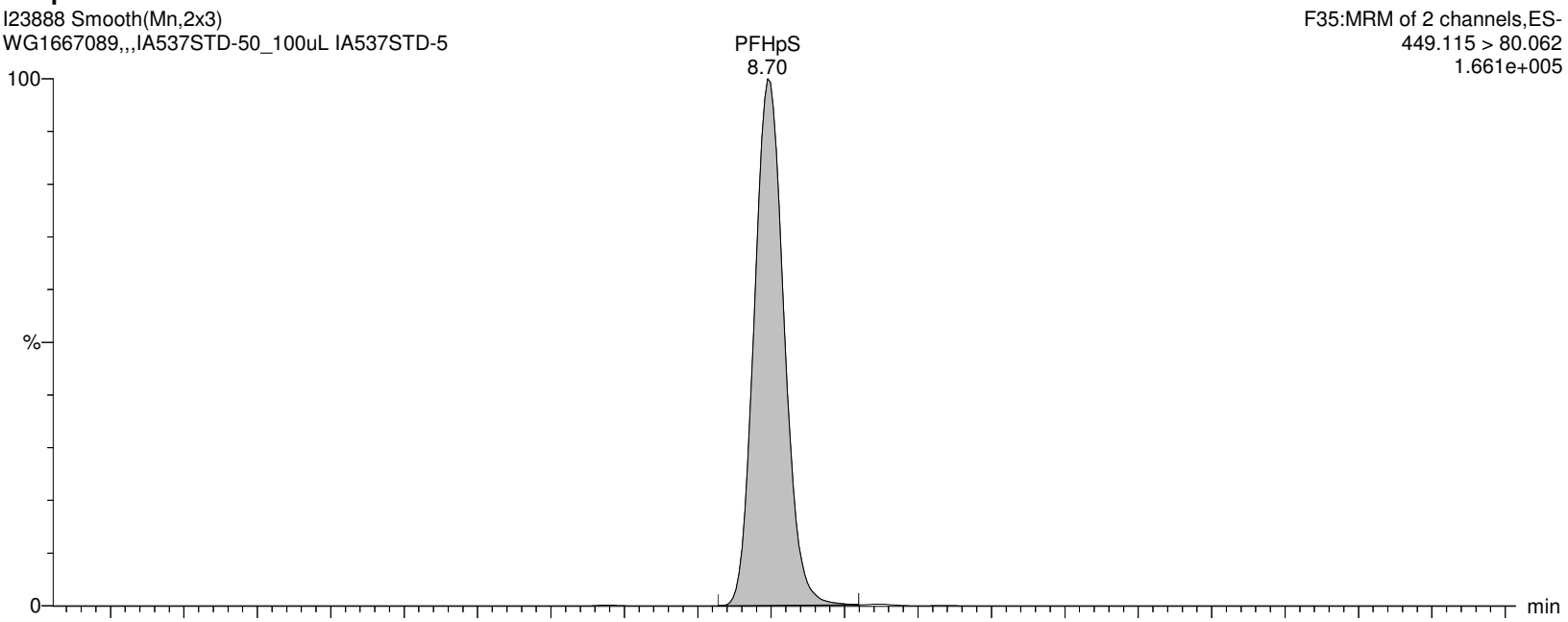


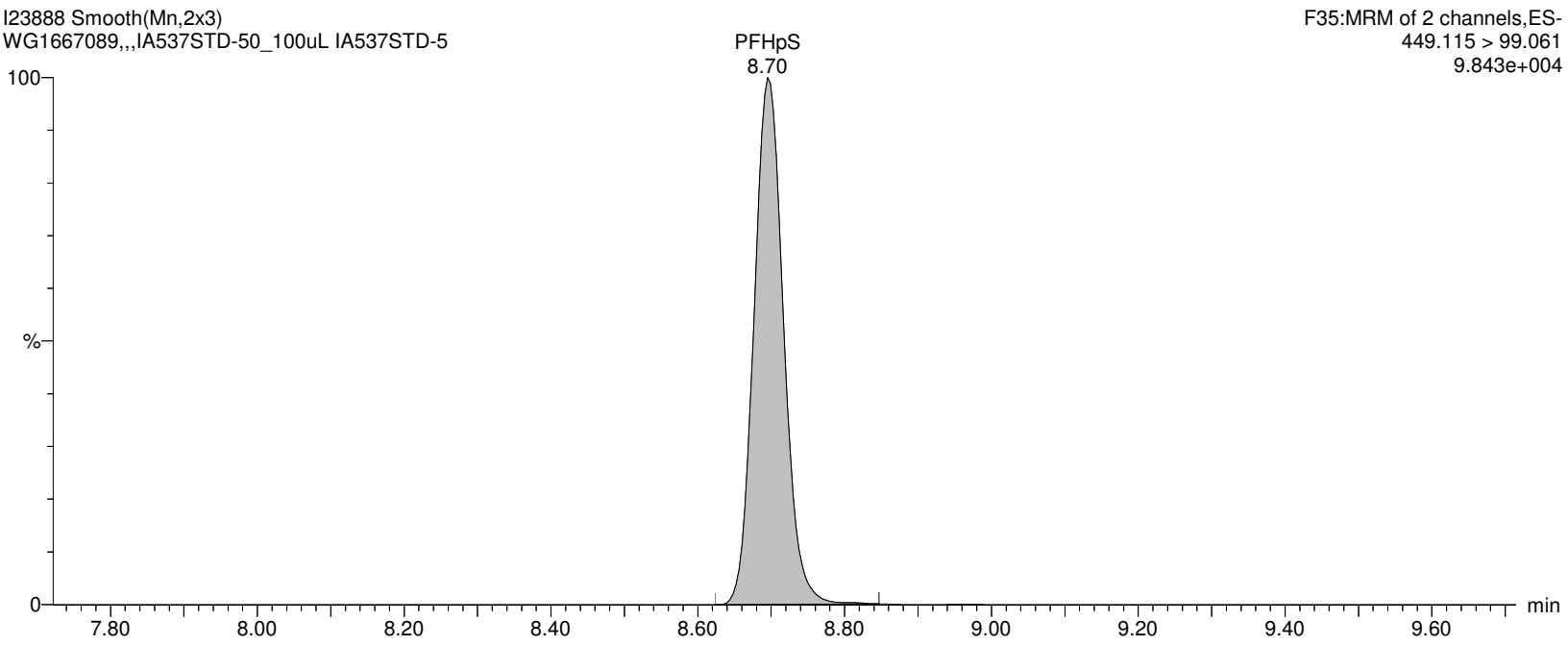
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFHpS



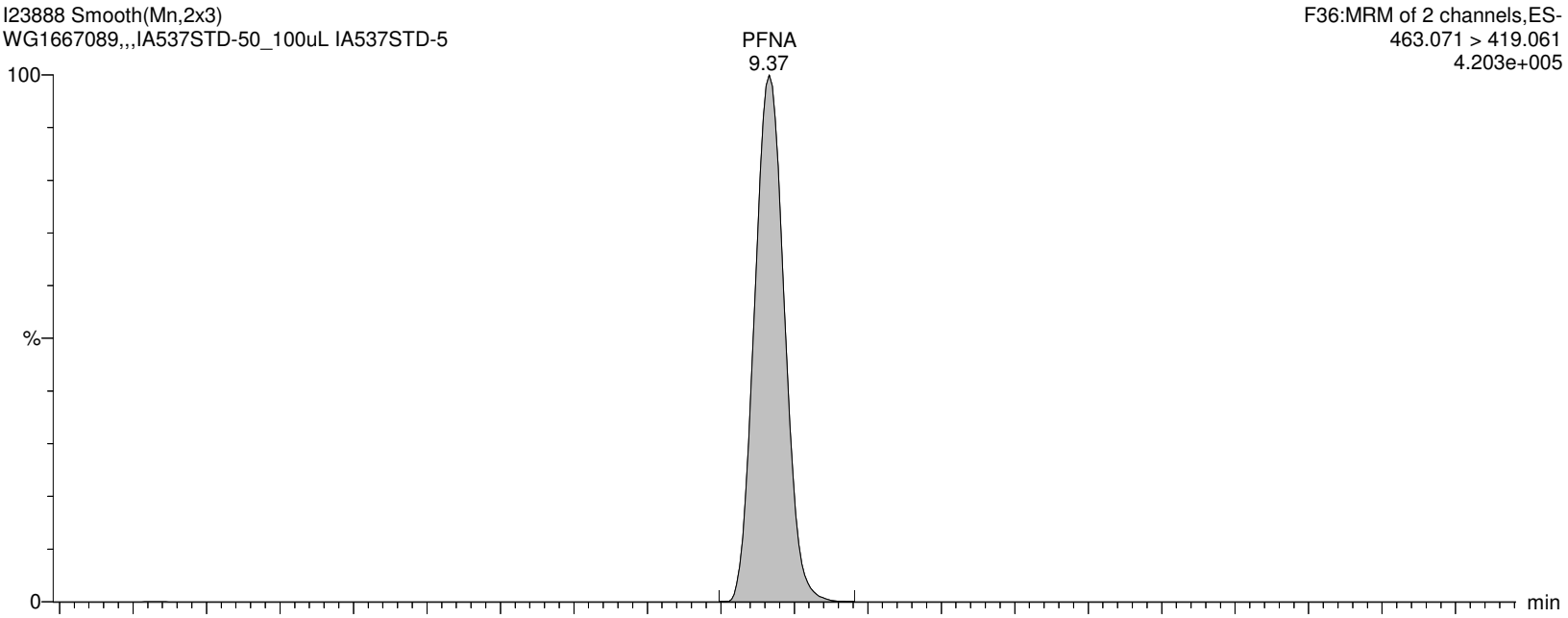


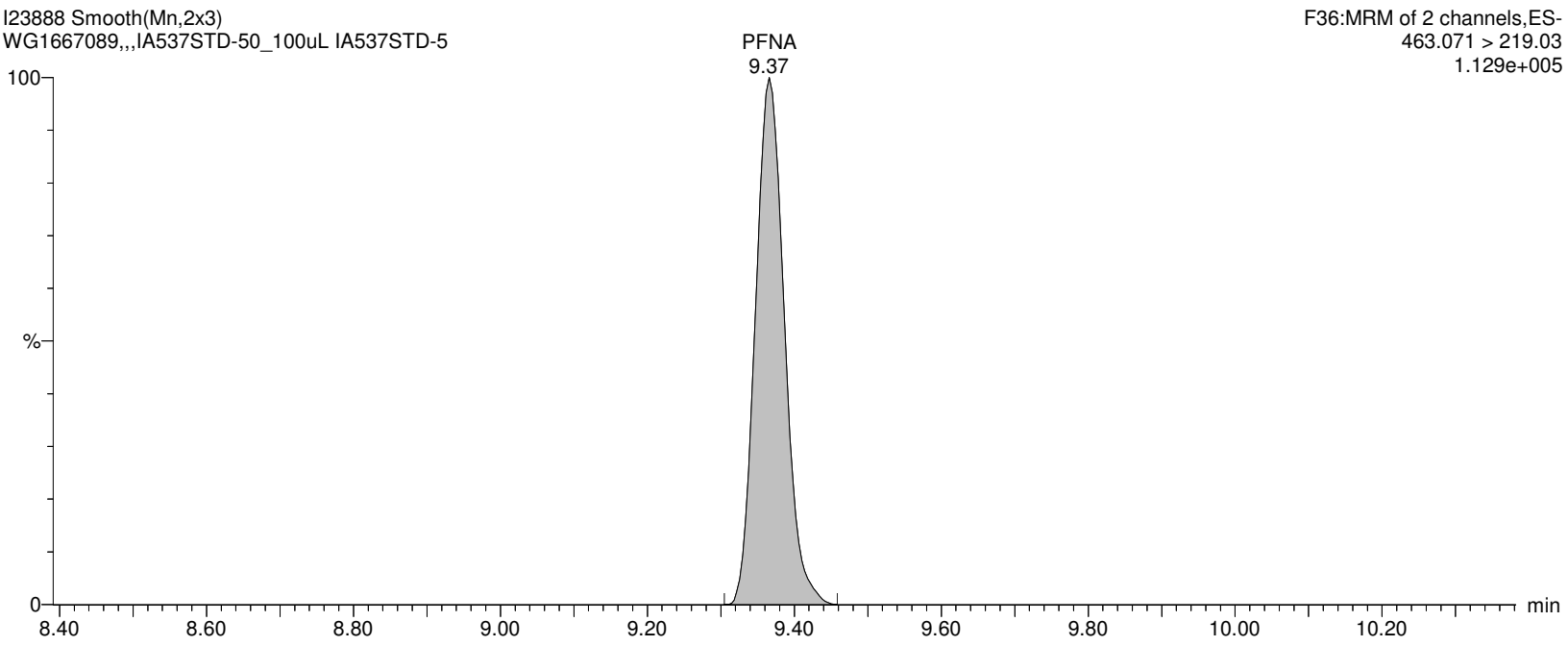
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFNA



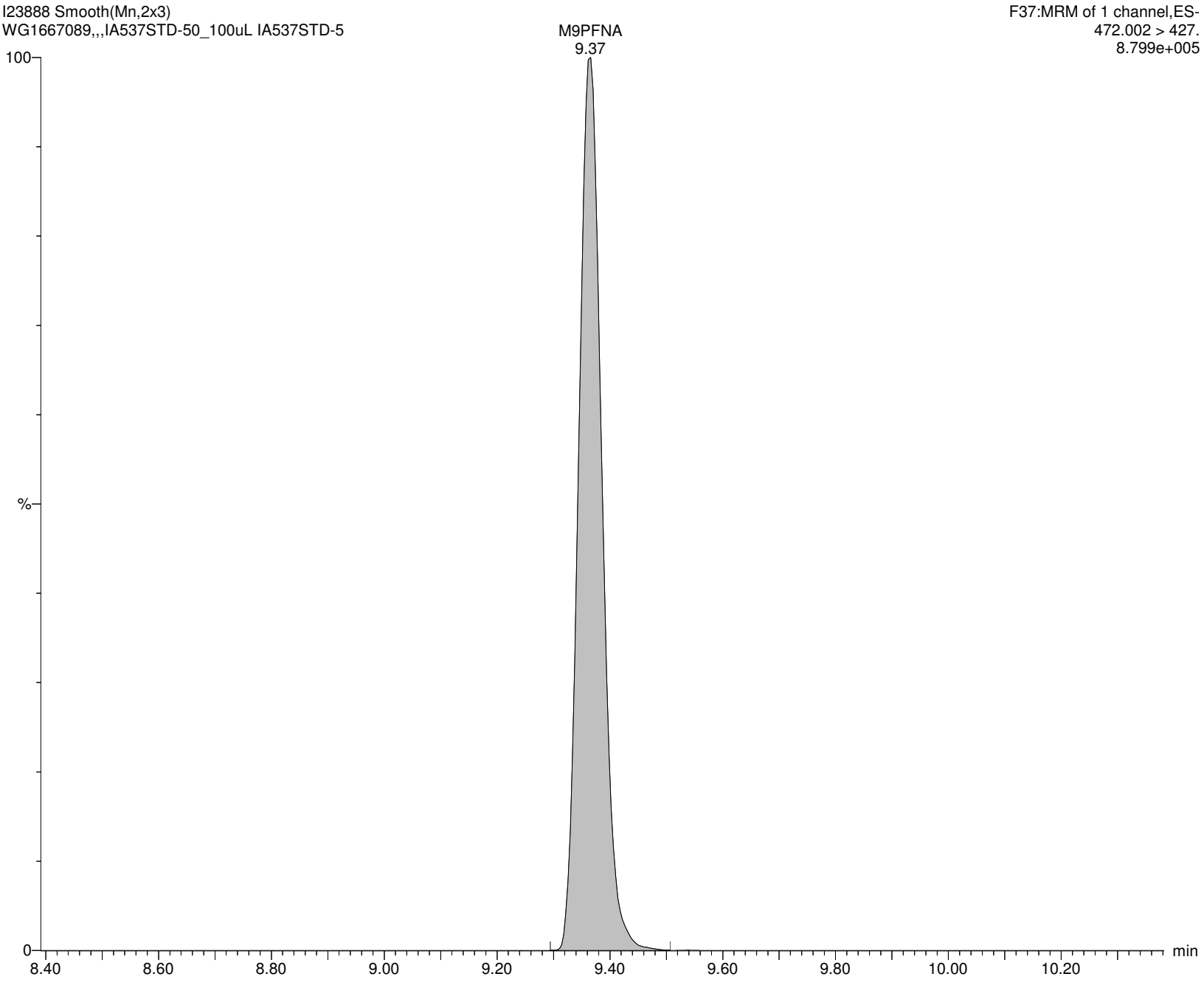


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M9PFNA

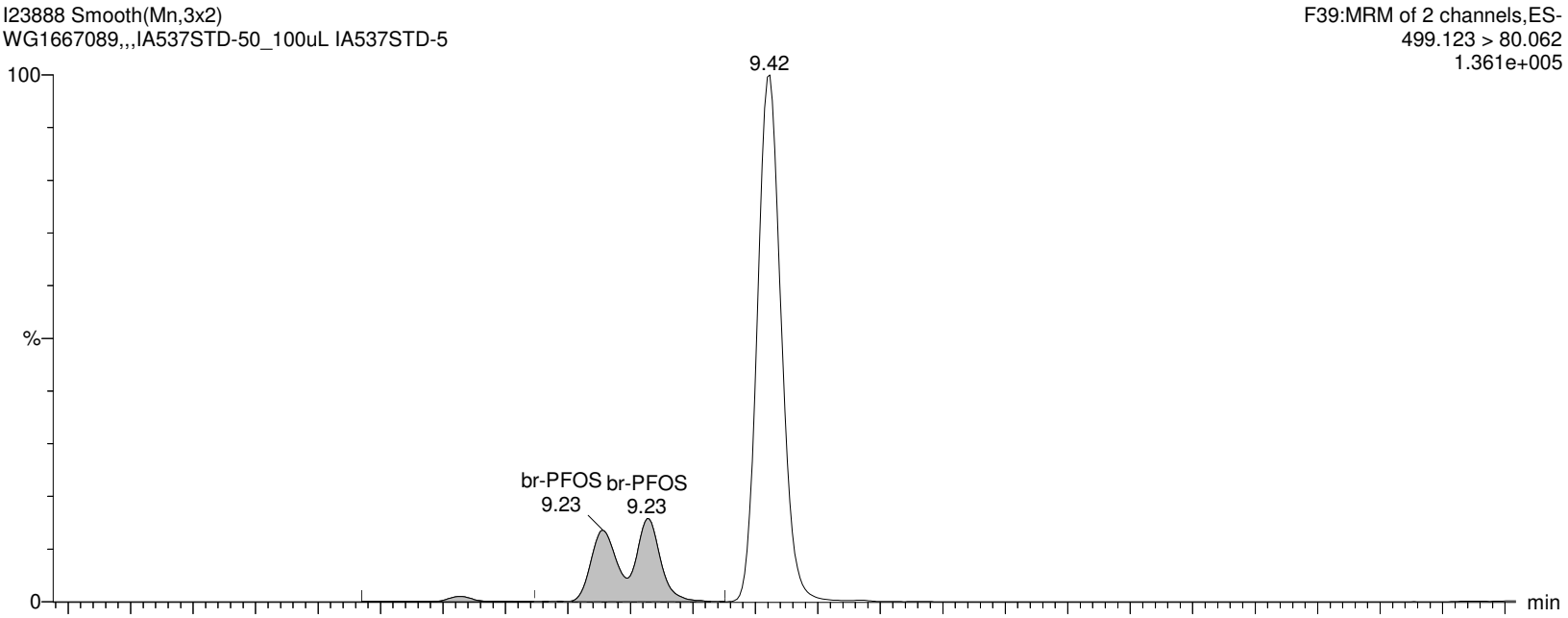


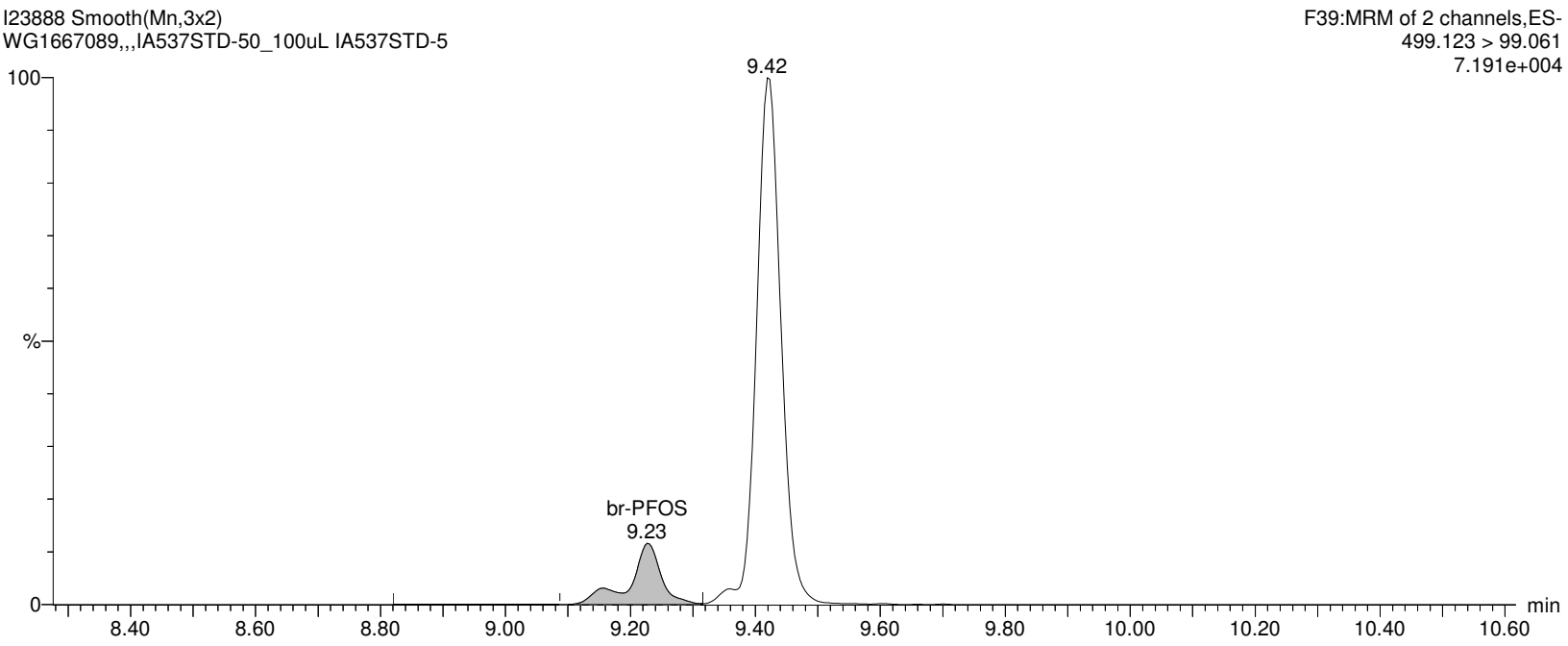
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

br-PFOS



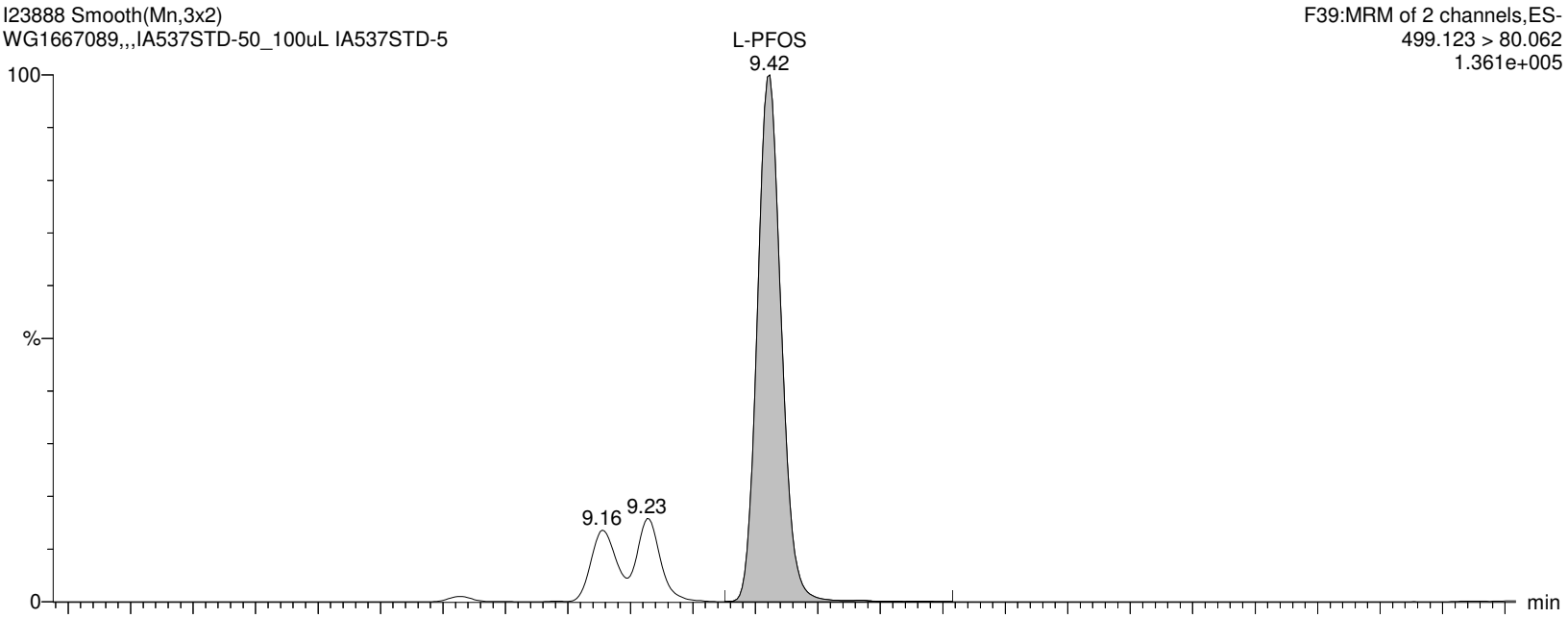


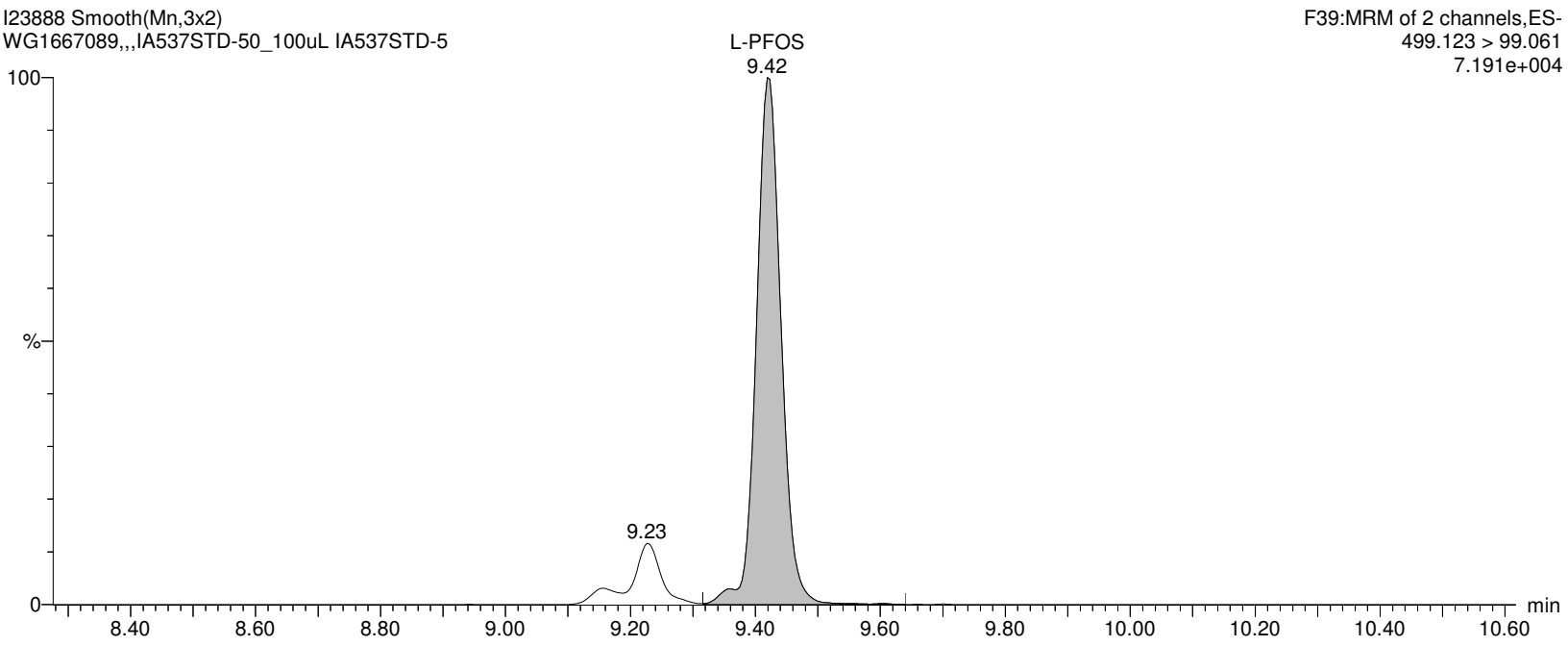
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

L-PFOS



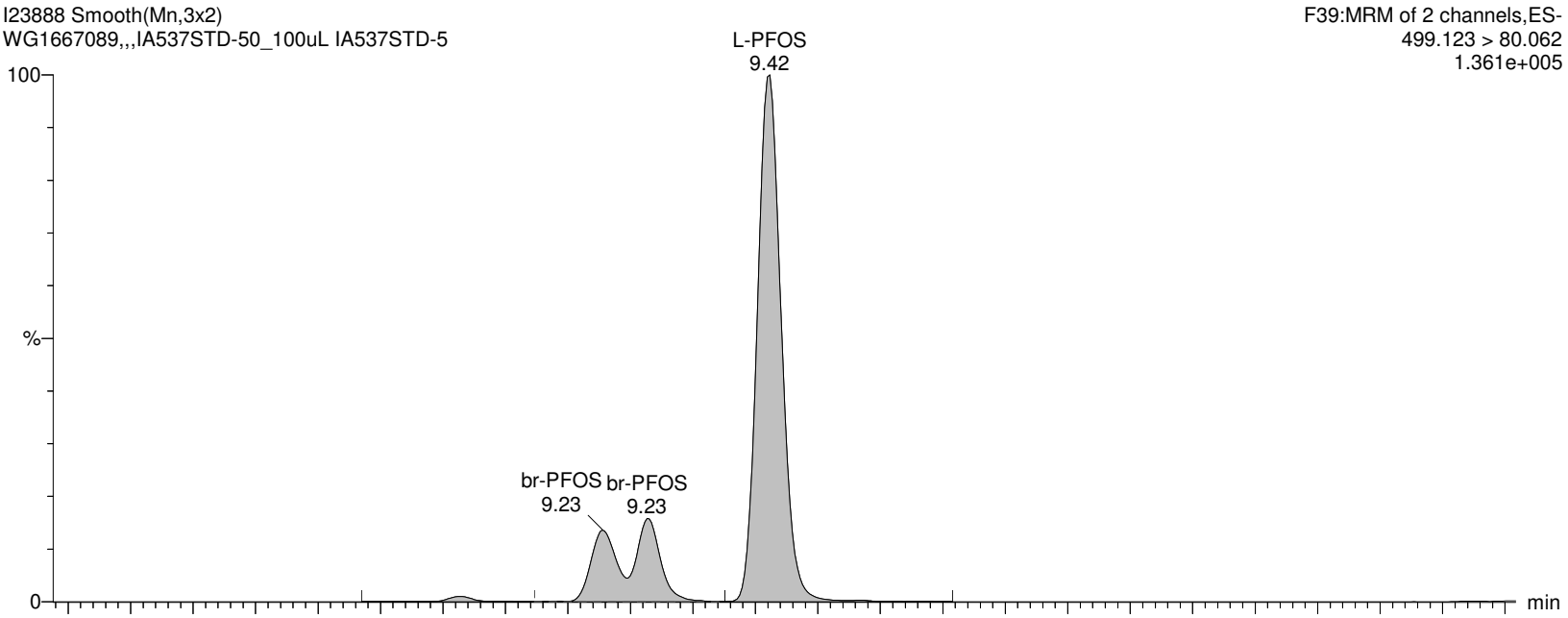


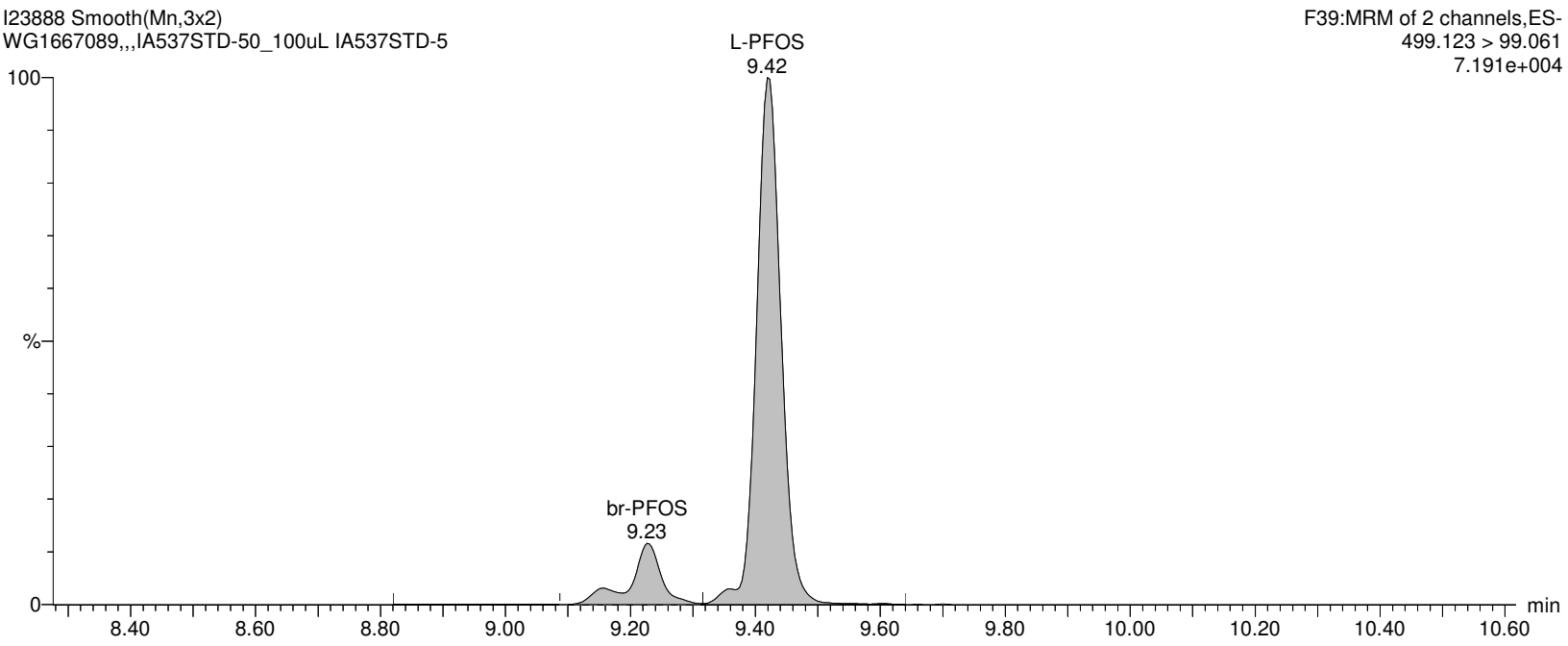
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFOS



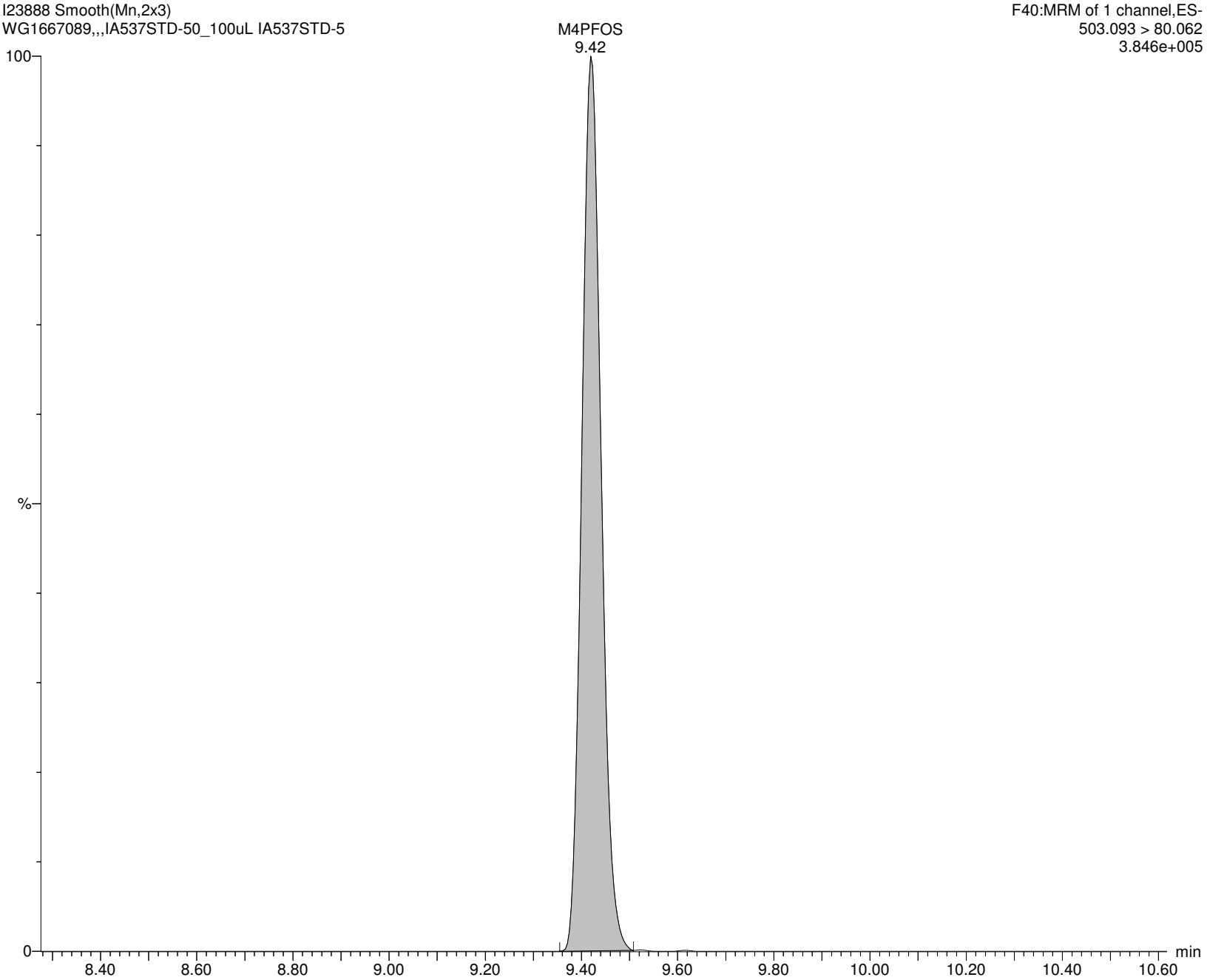


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M4PFOS

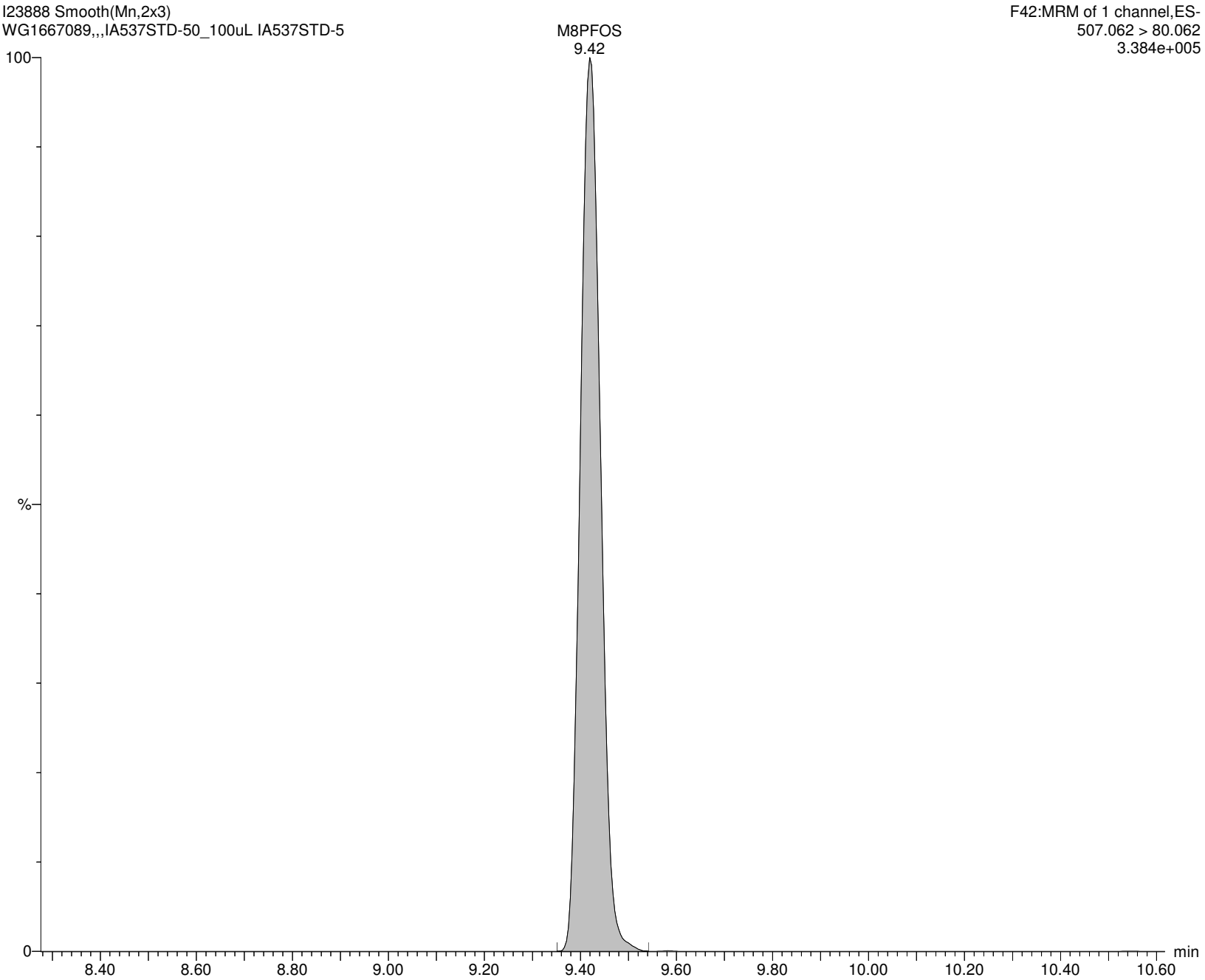


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M8PFOS

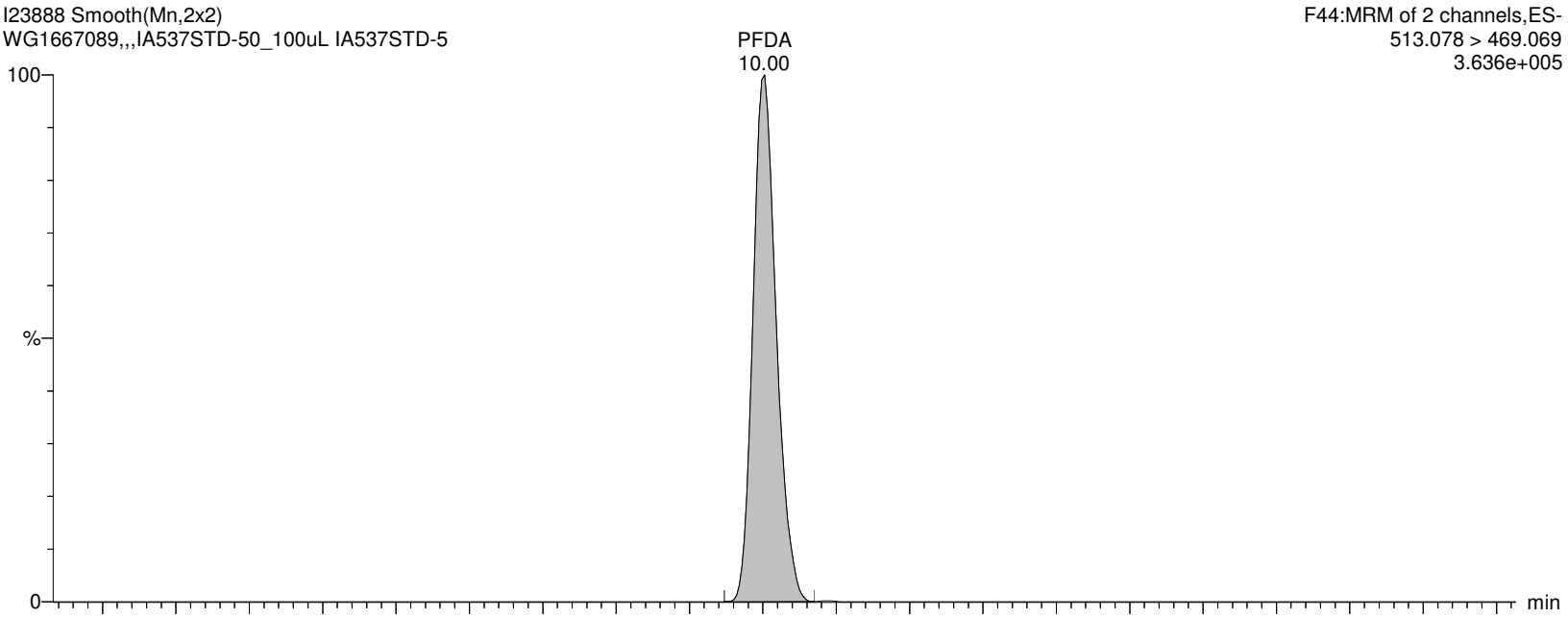


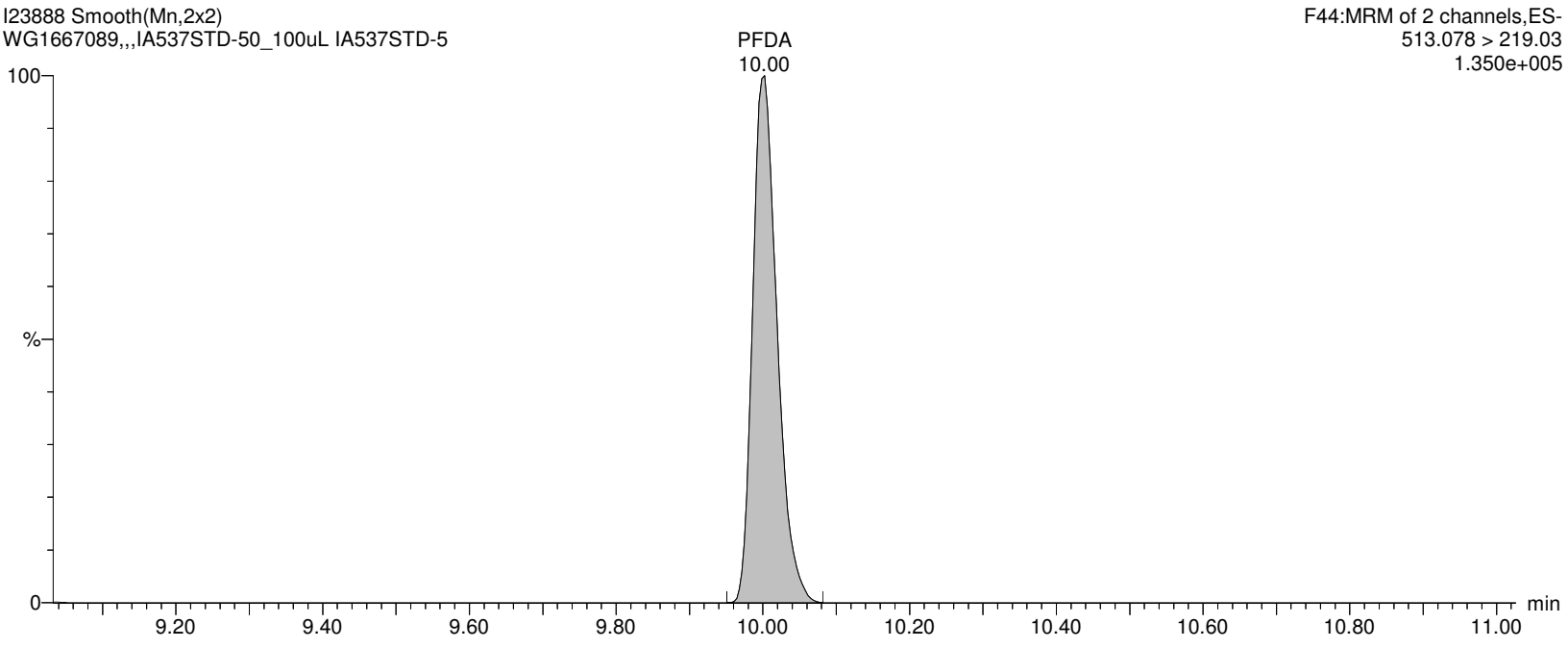
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFDA



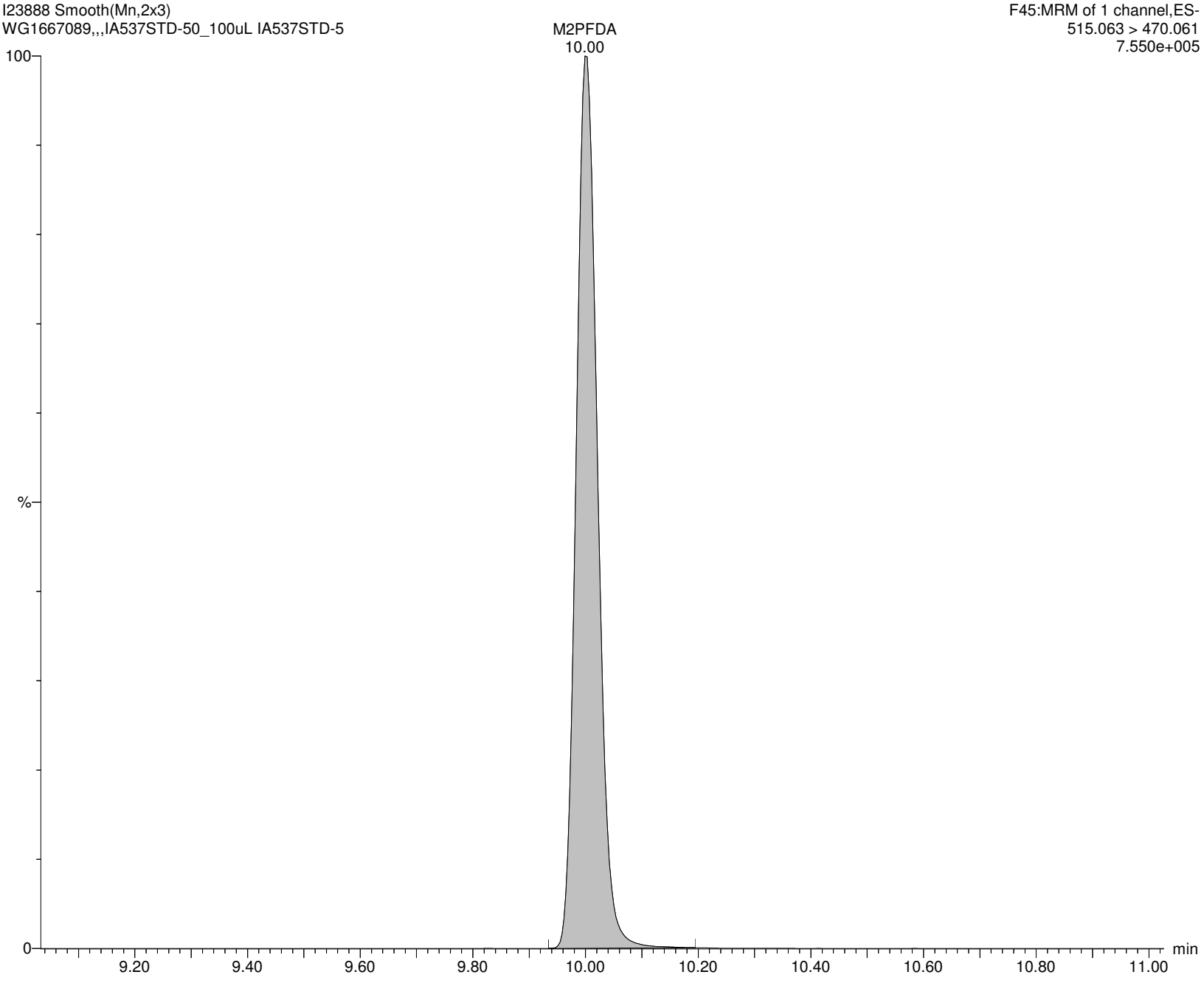


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2PFDA

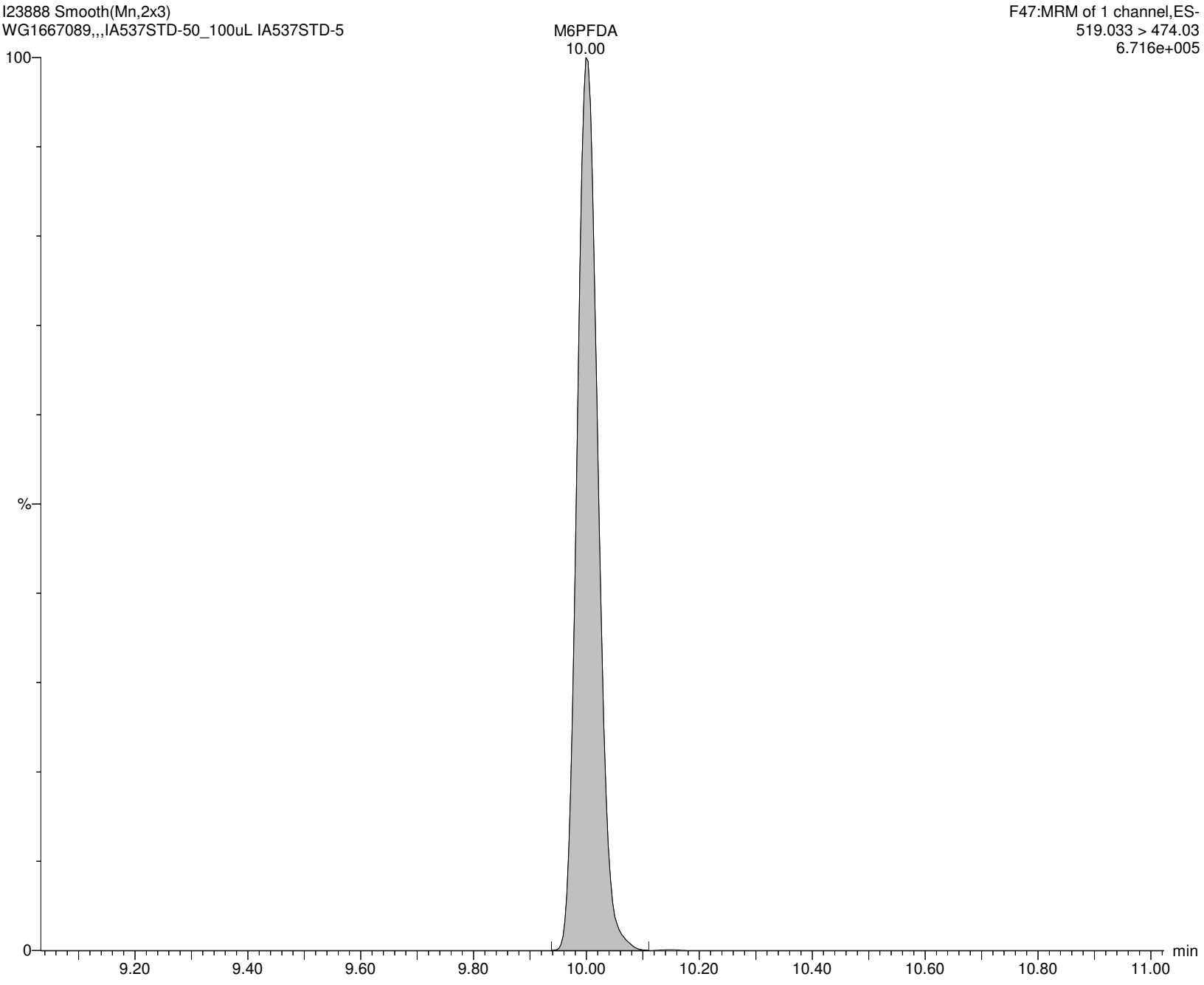


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M6PFDA

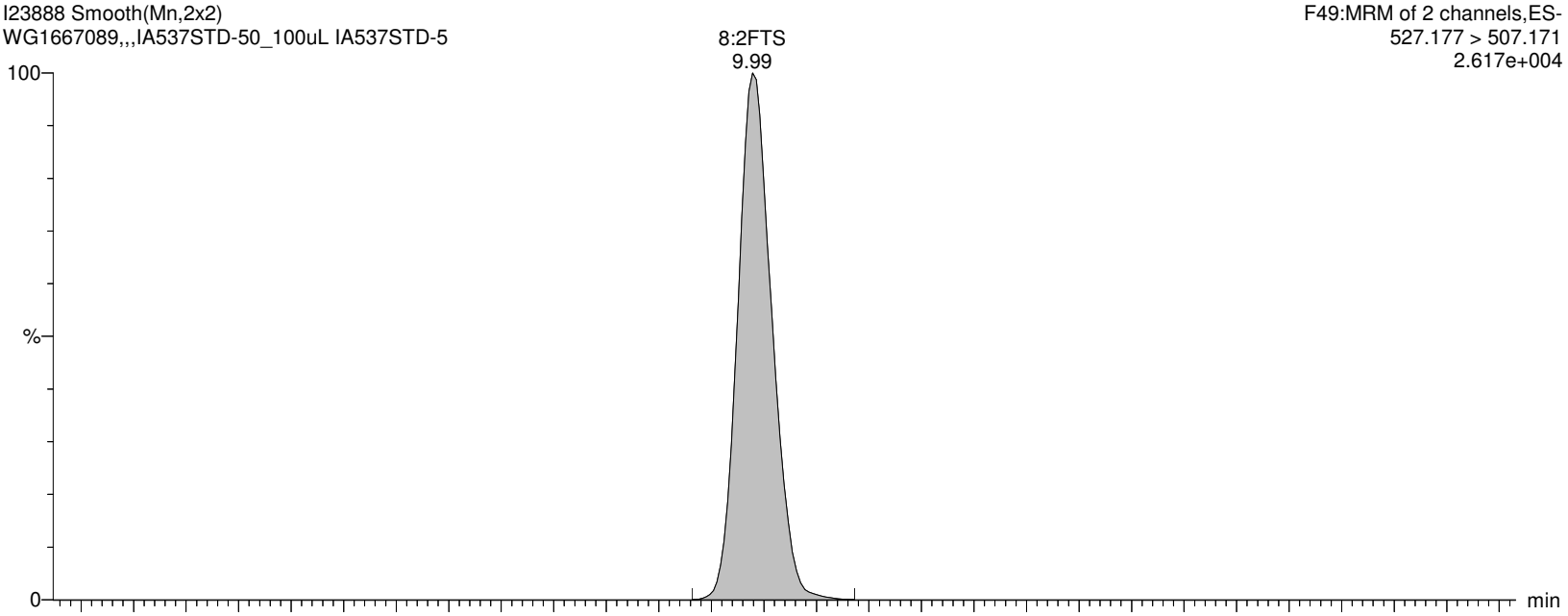


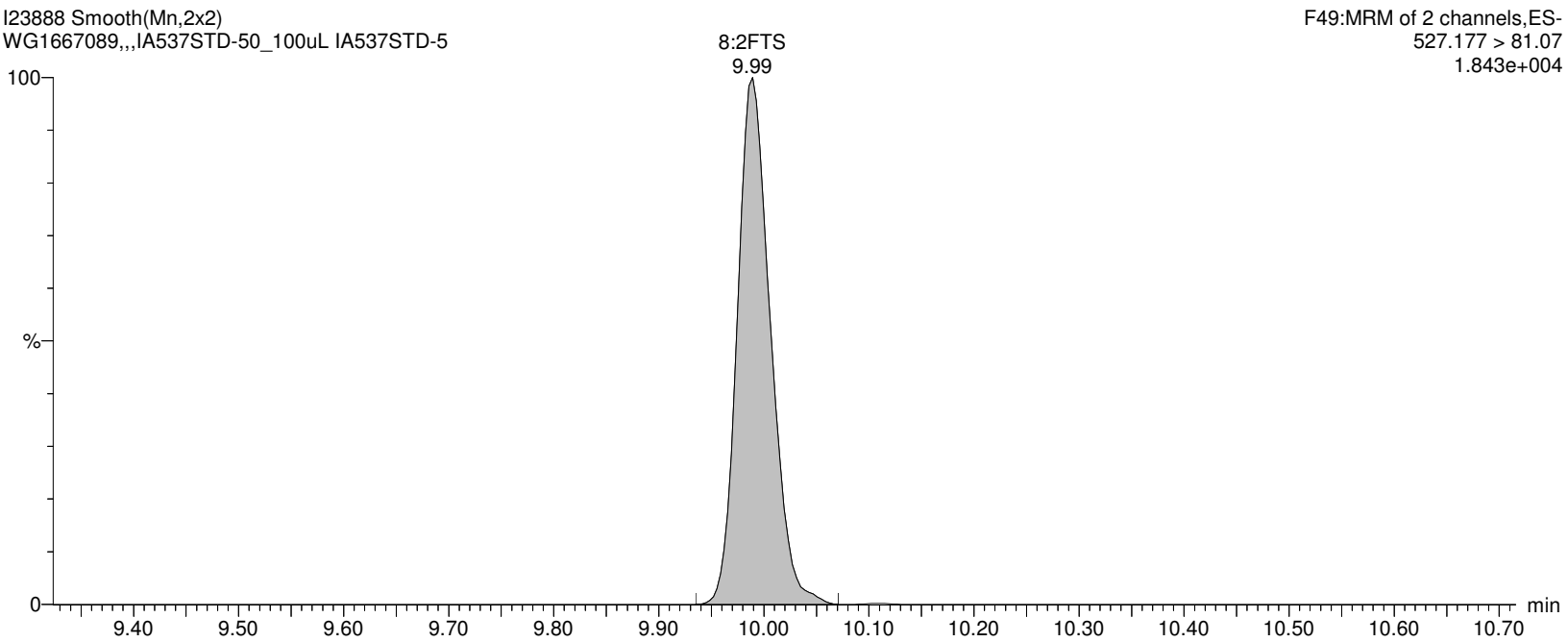
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

8:2FTS



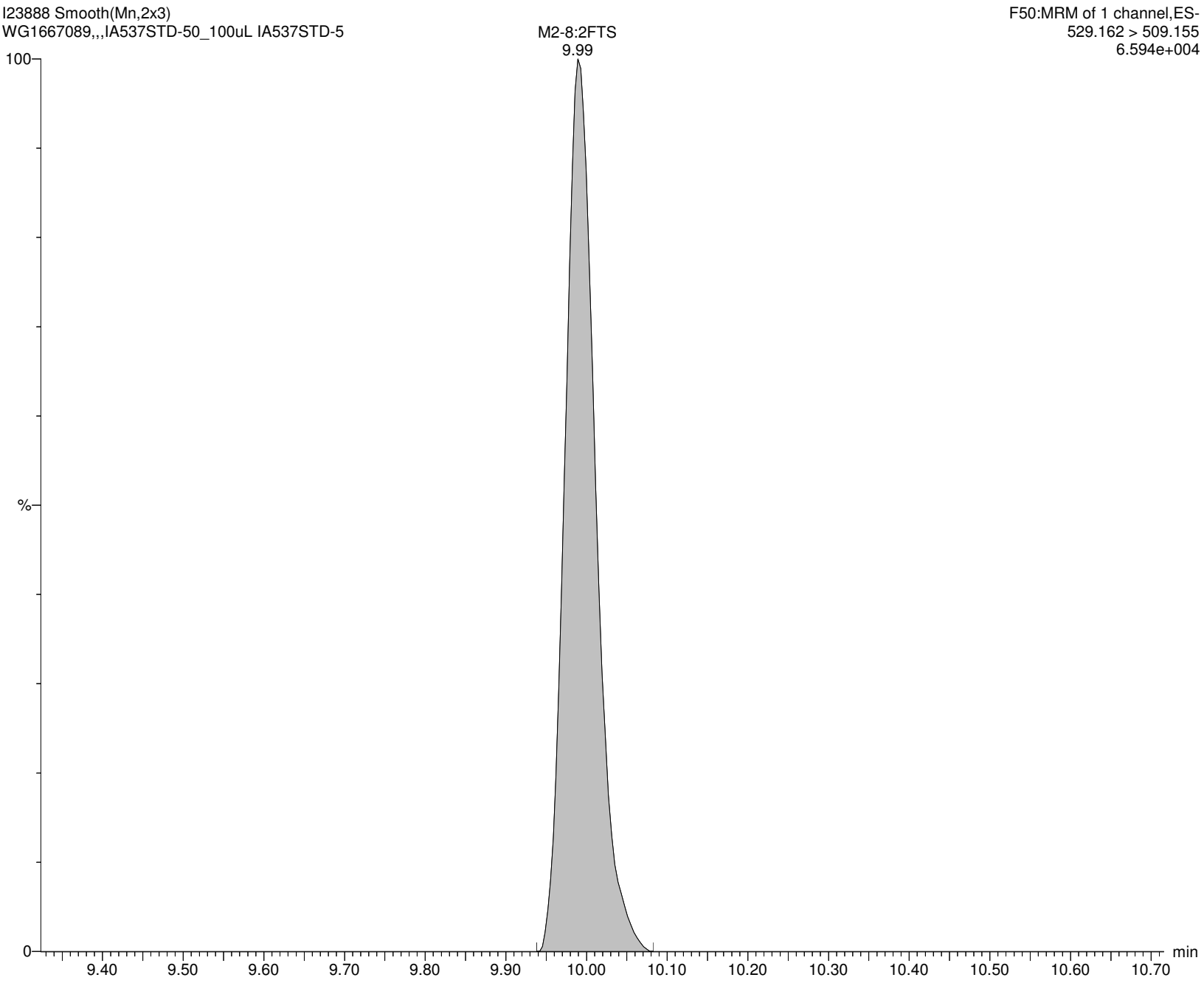


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2-8:2FTS

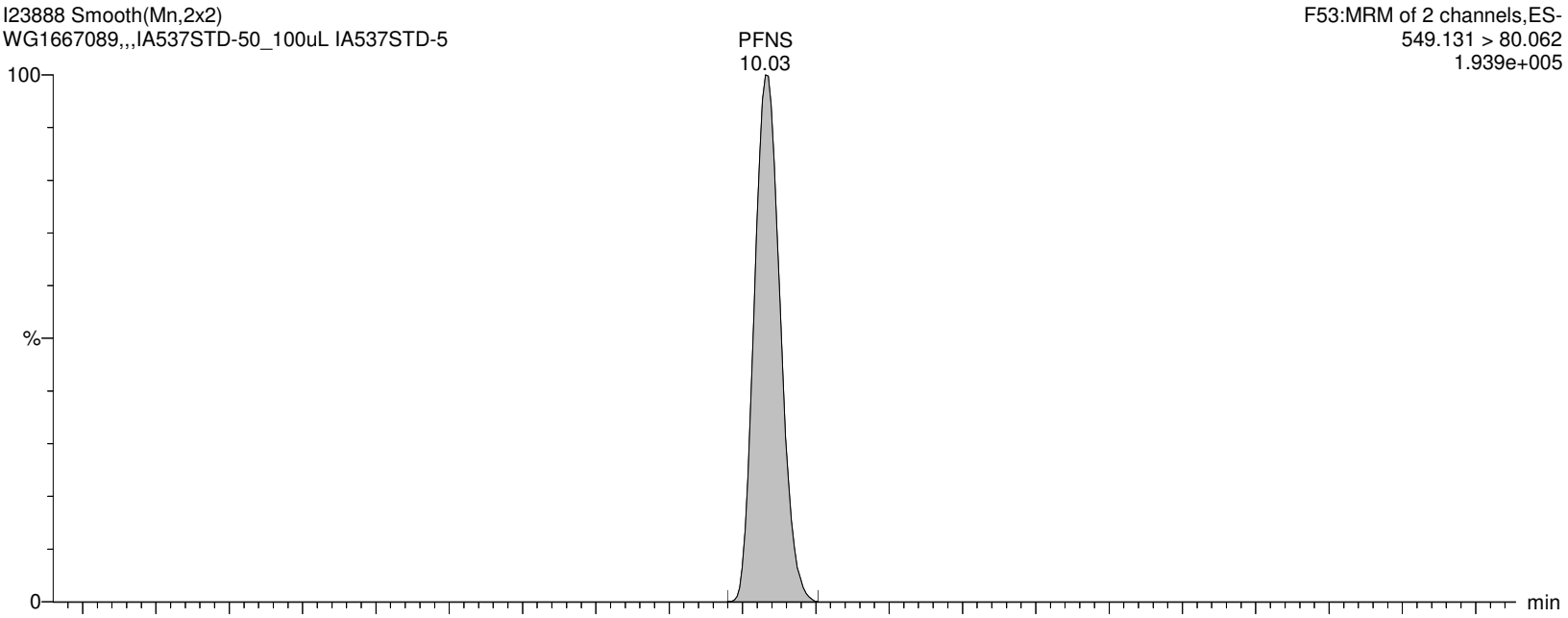


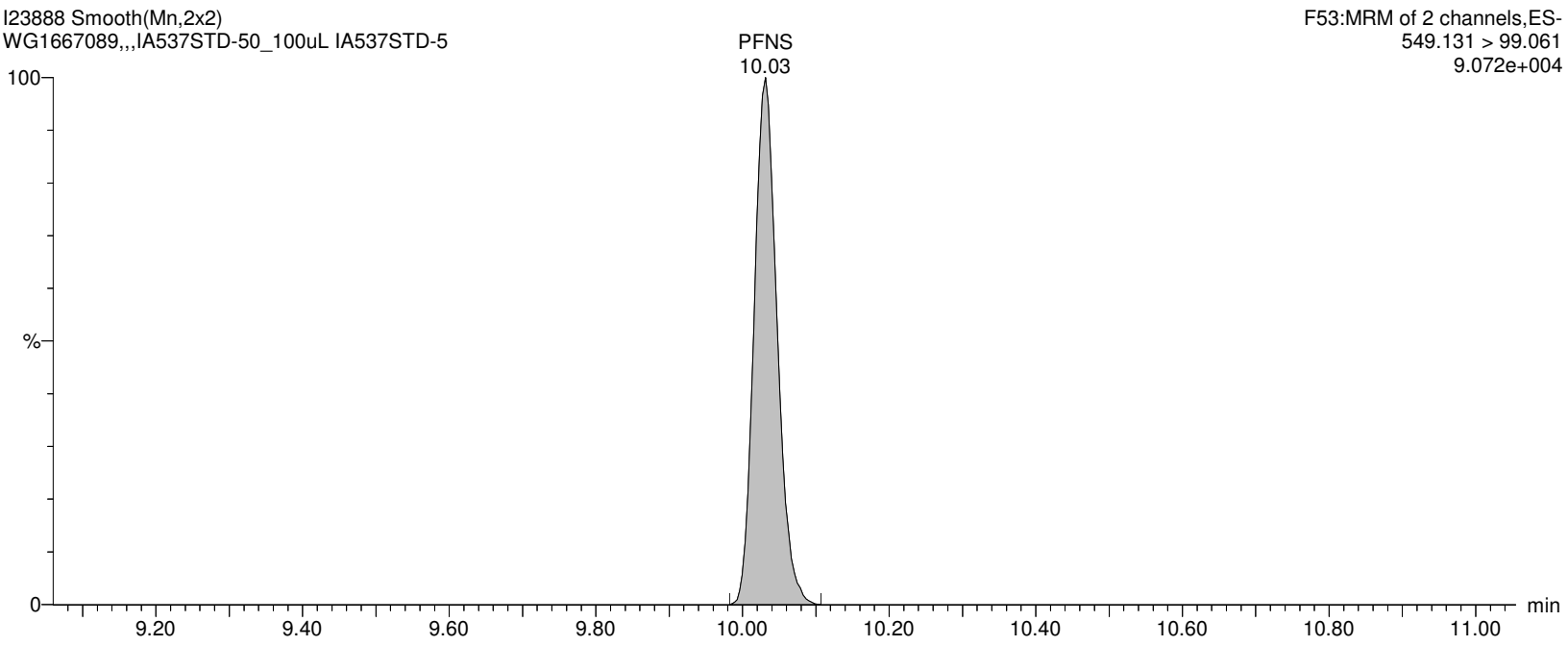
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFNS



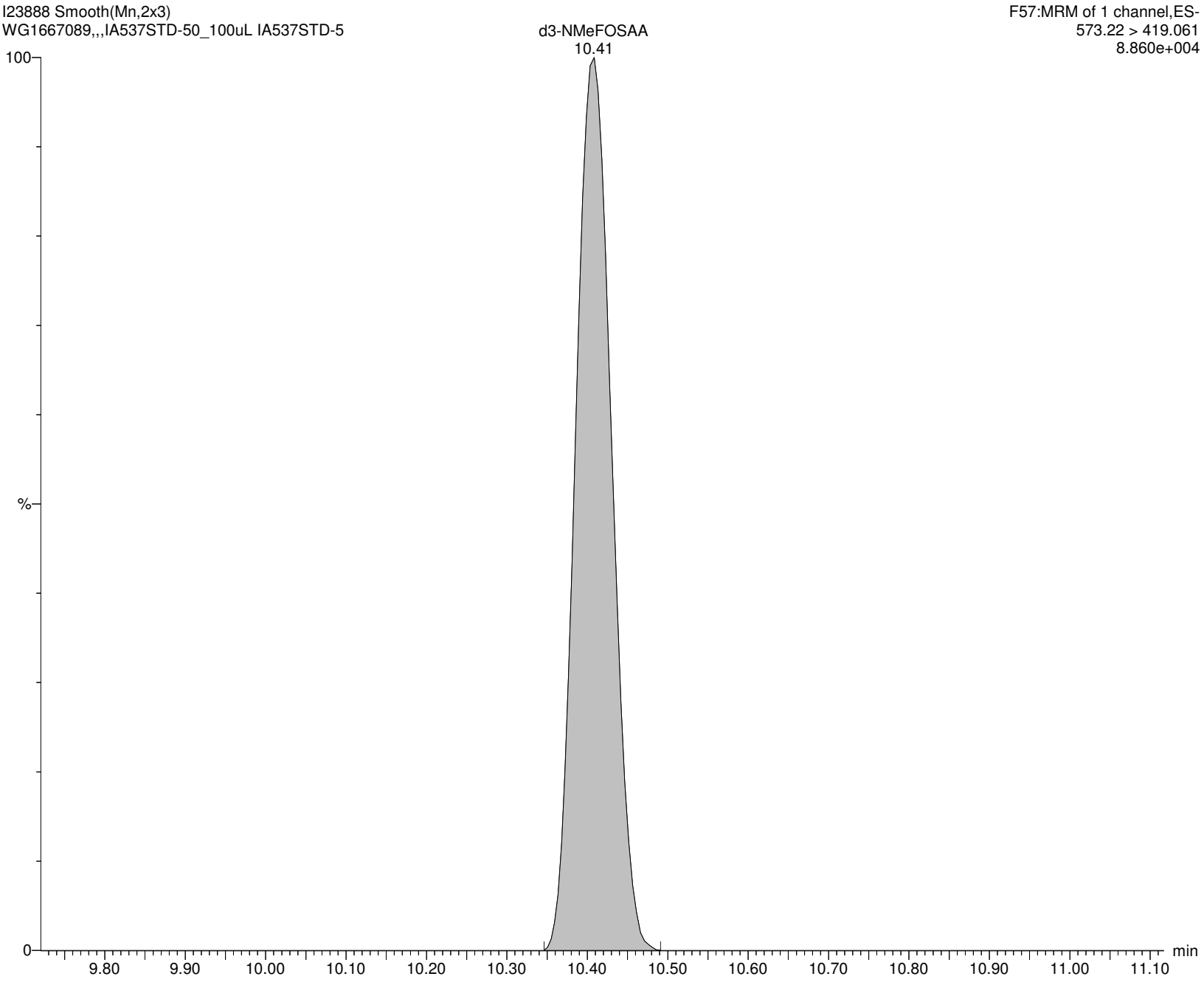


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

d3-NMeFOSAA

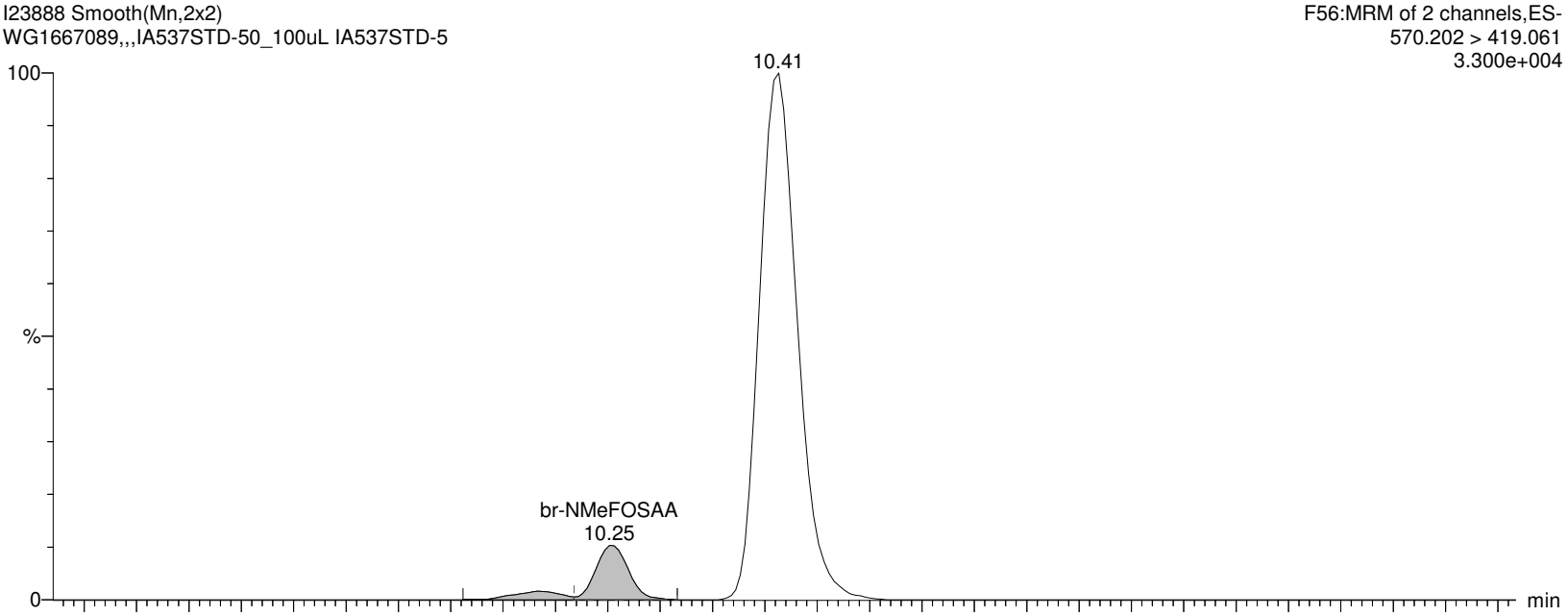


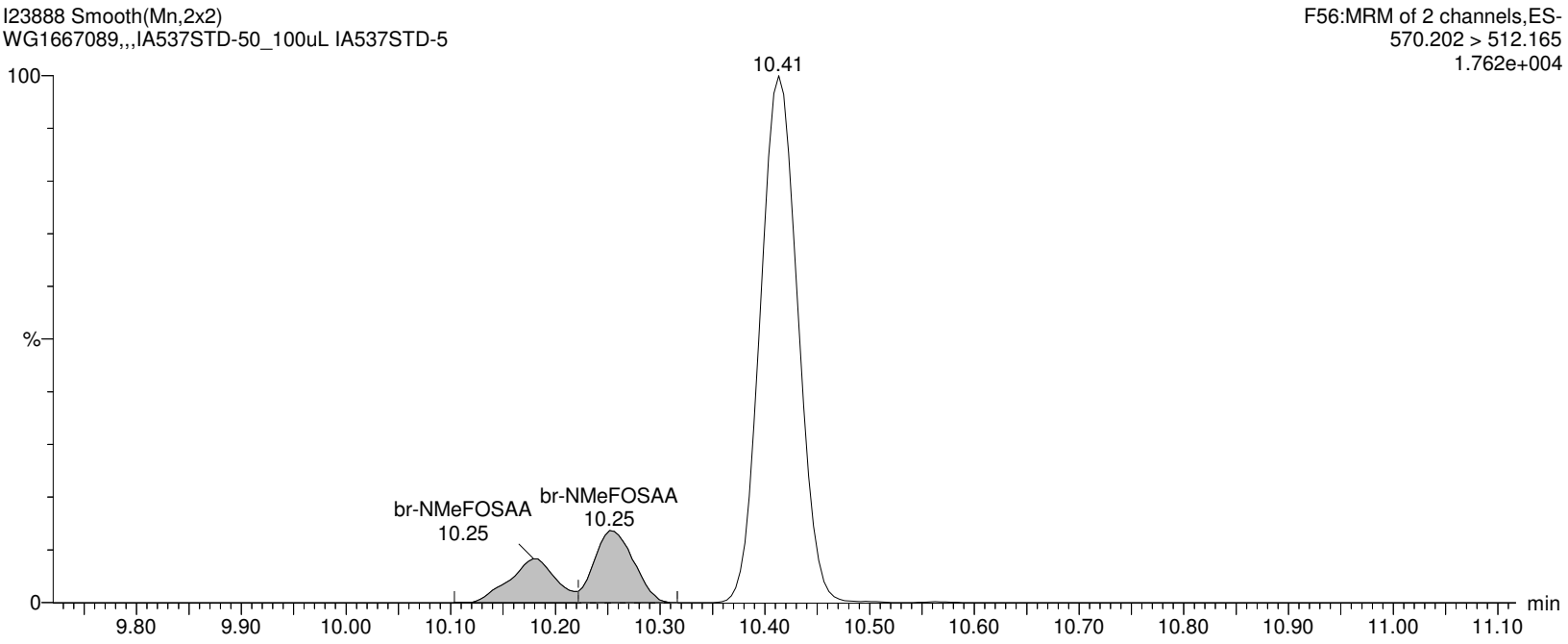
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

br-NMeFOSAA



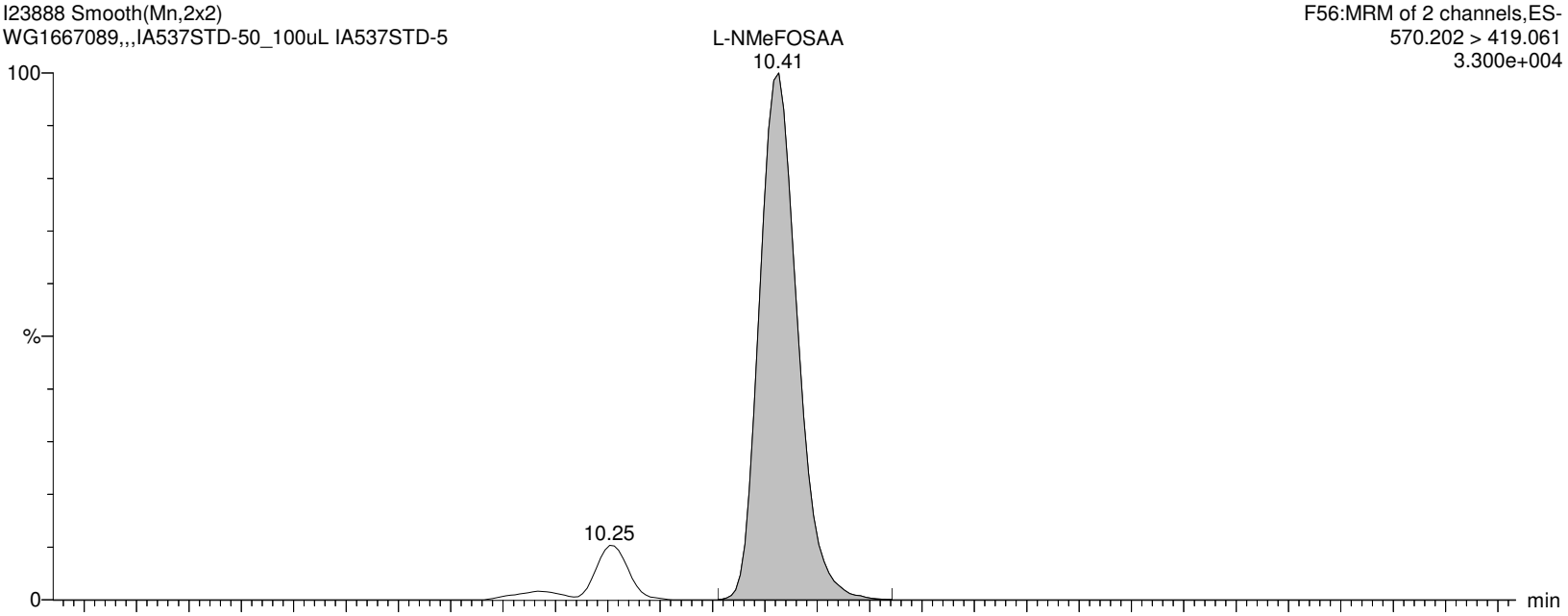


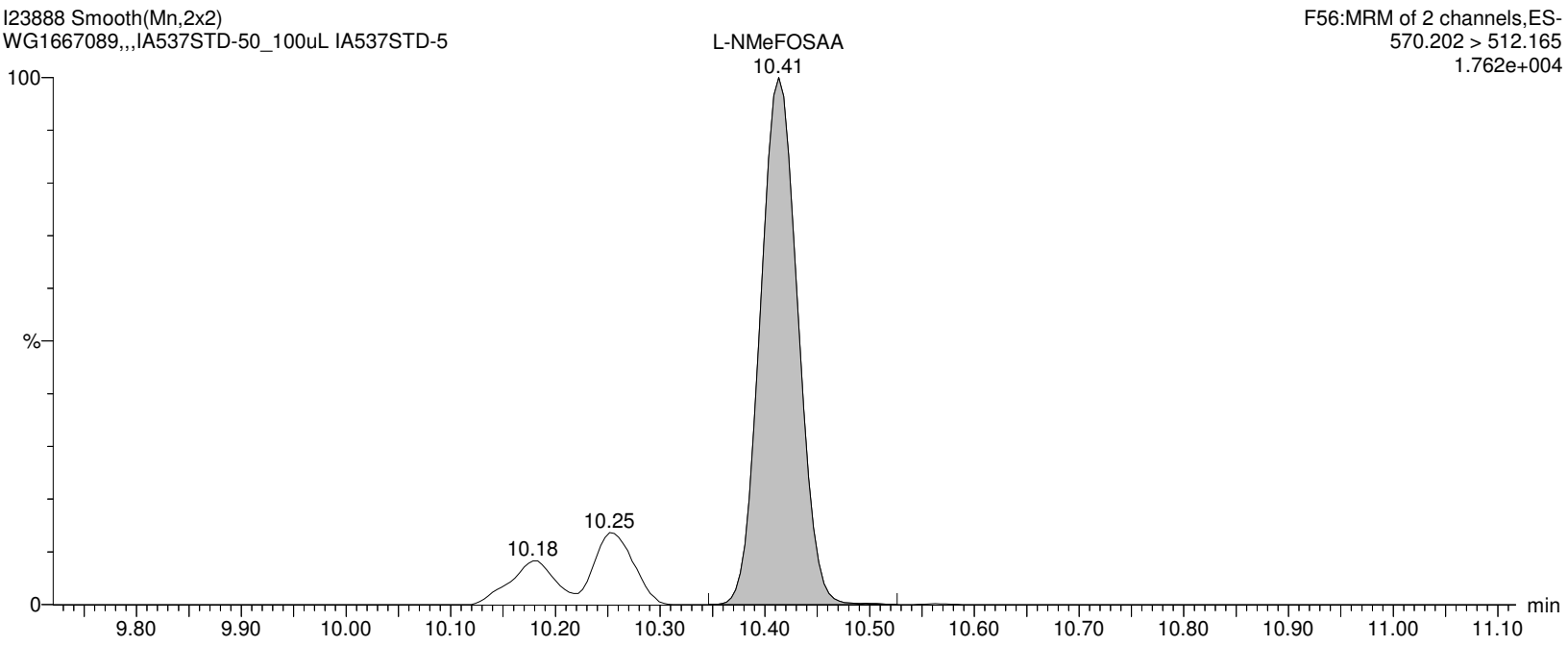
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

L-NMeFOSAA



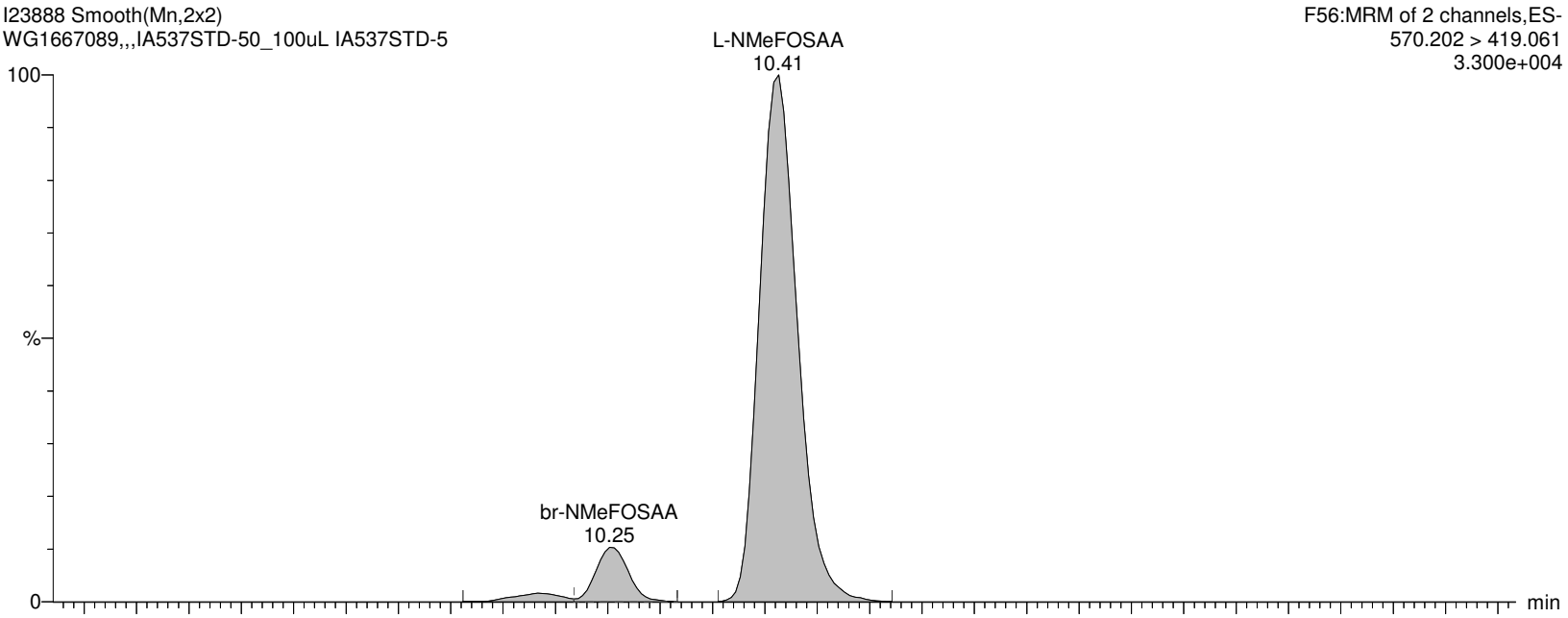


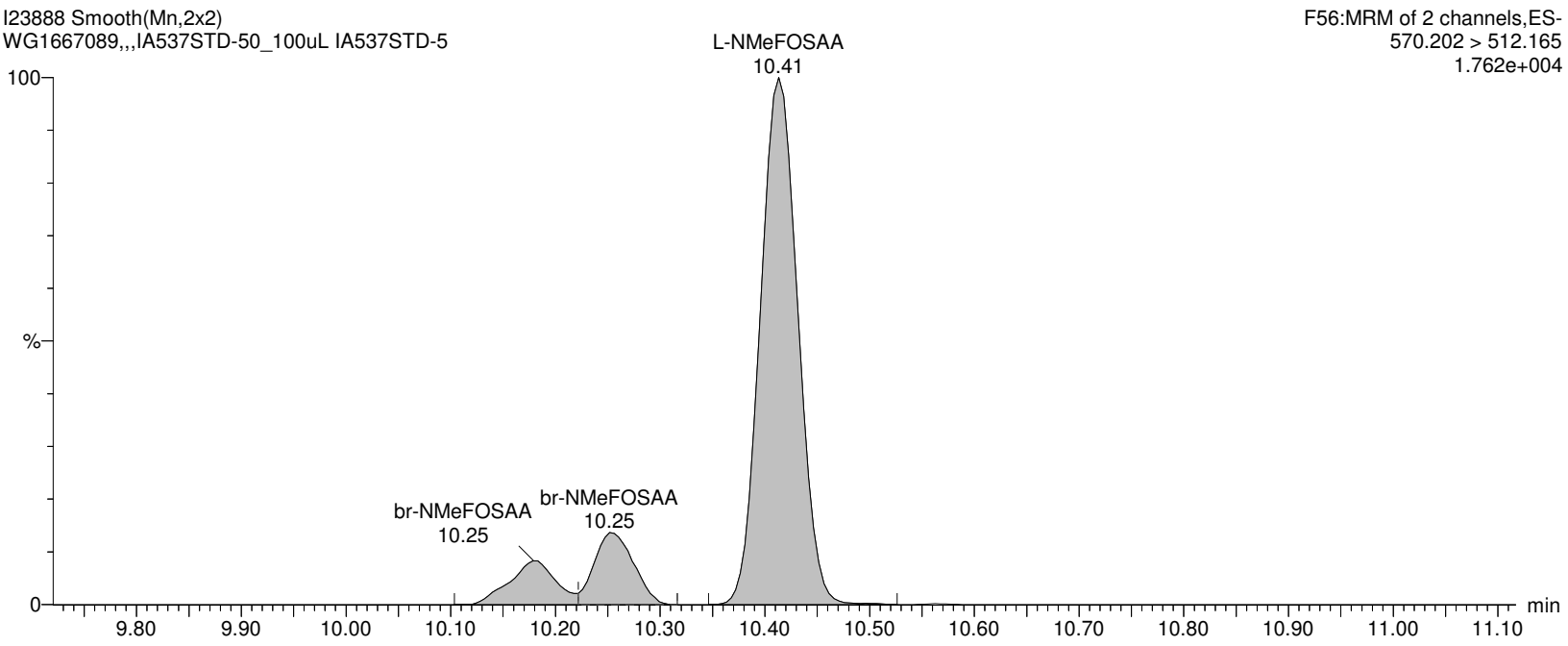
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NMeFOSAA



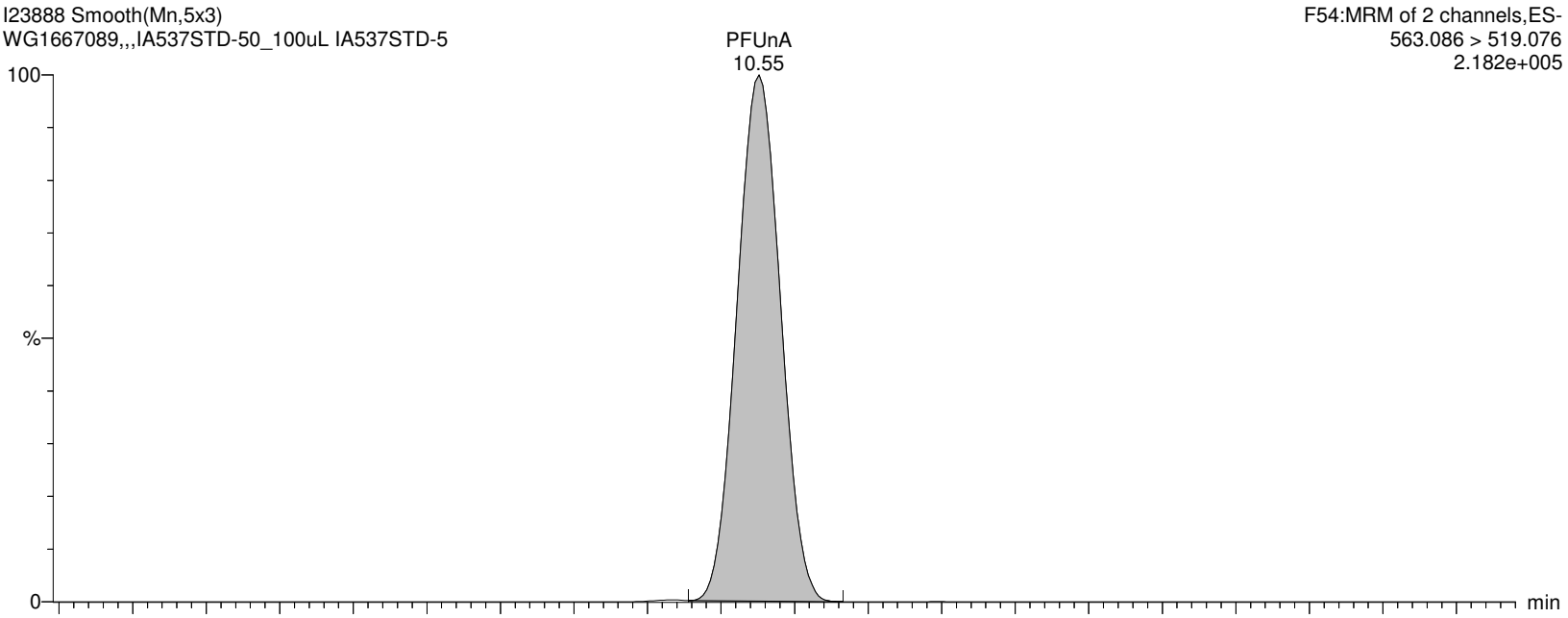


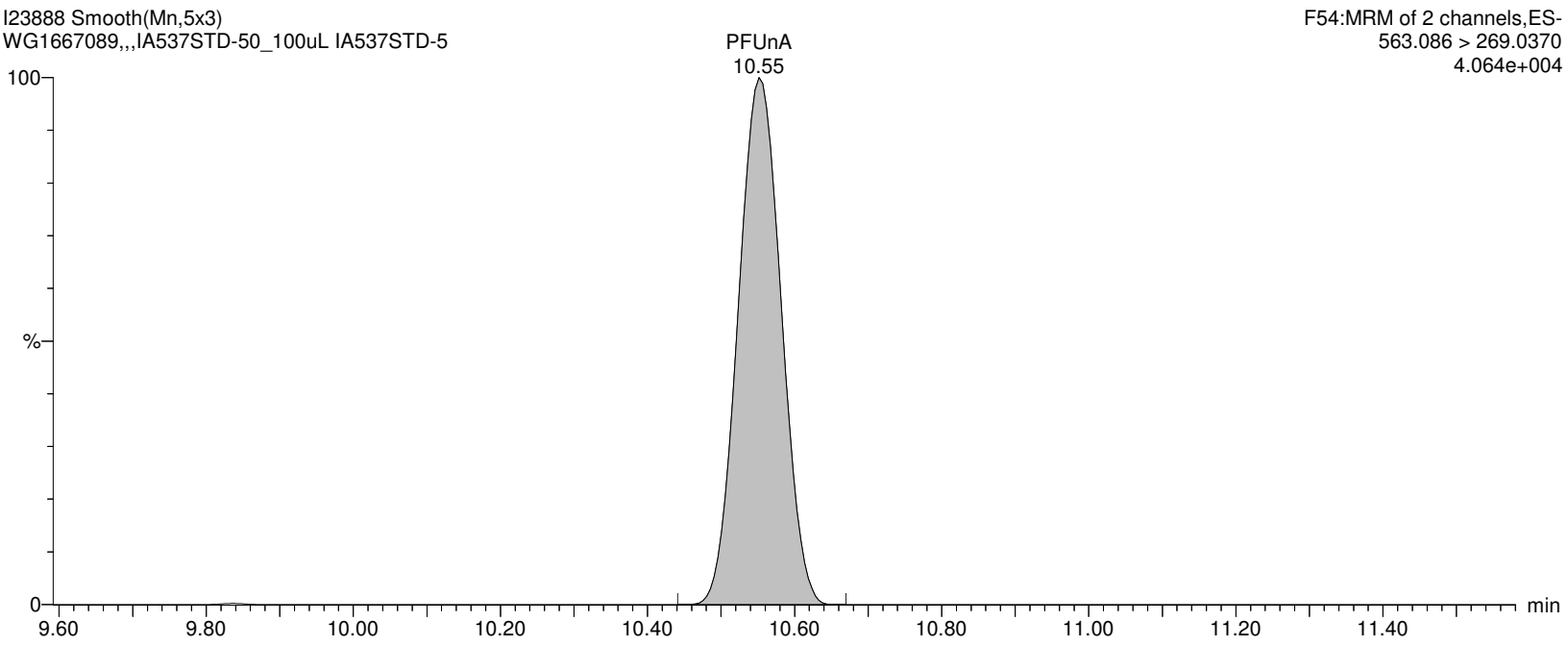
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFUnA



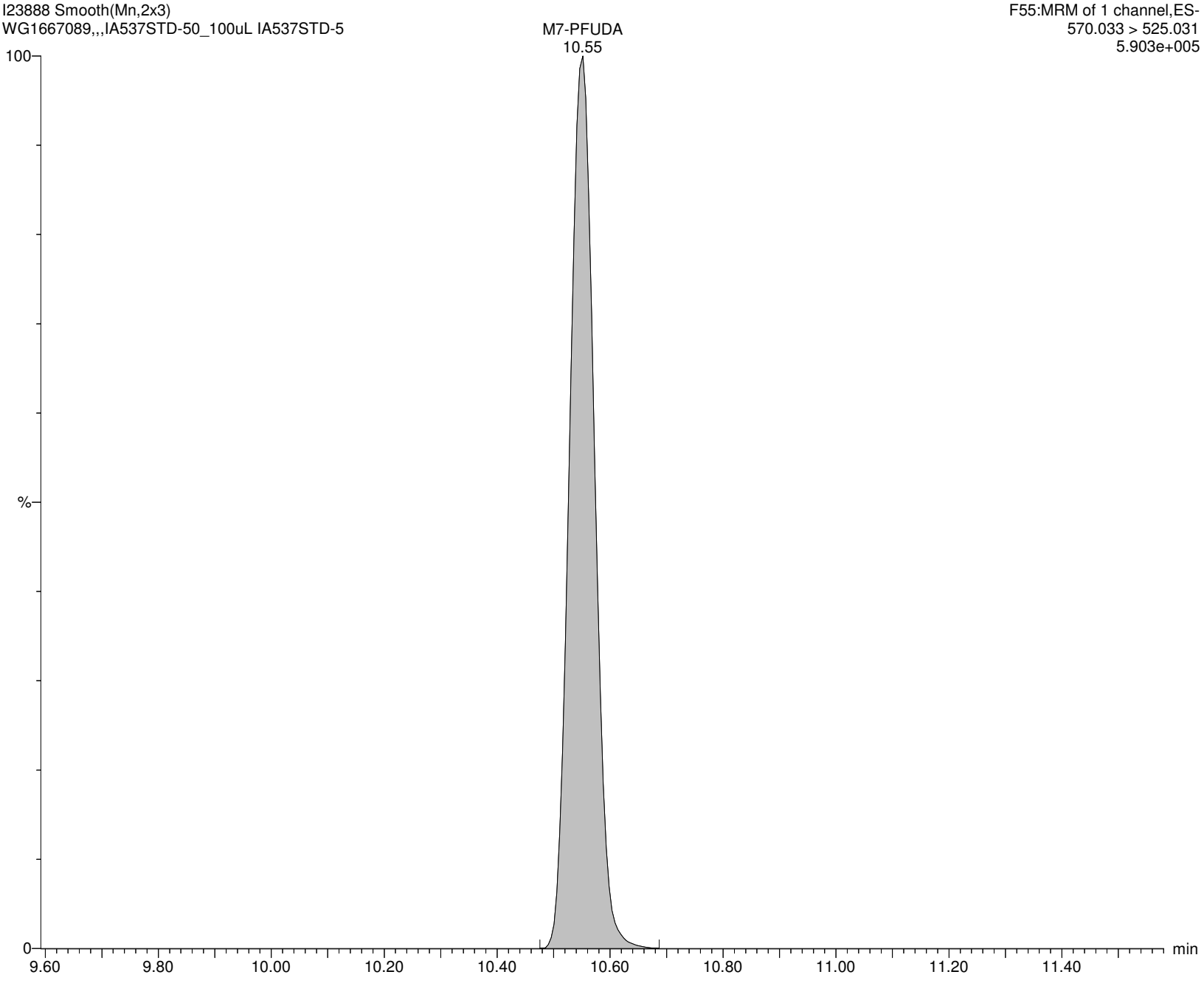


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M7-PFUDA

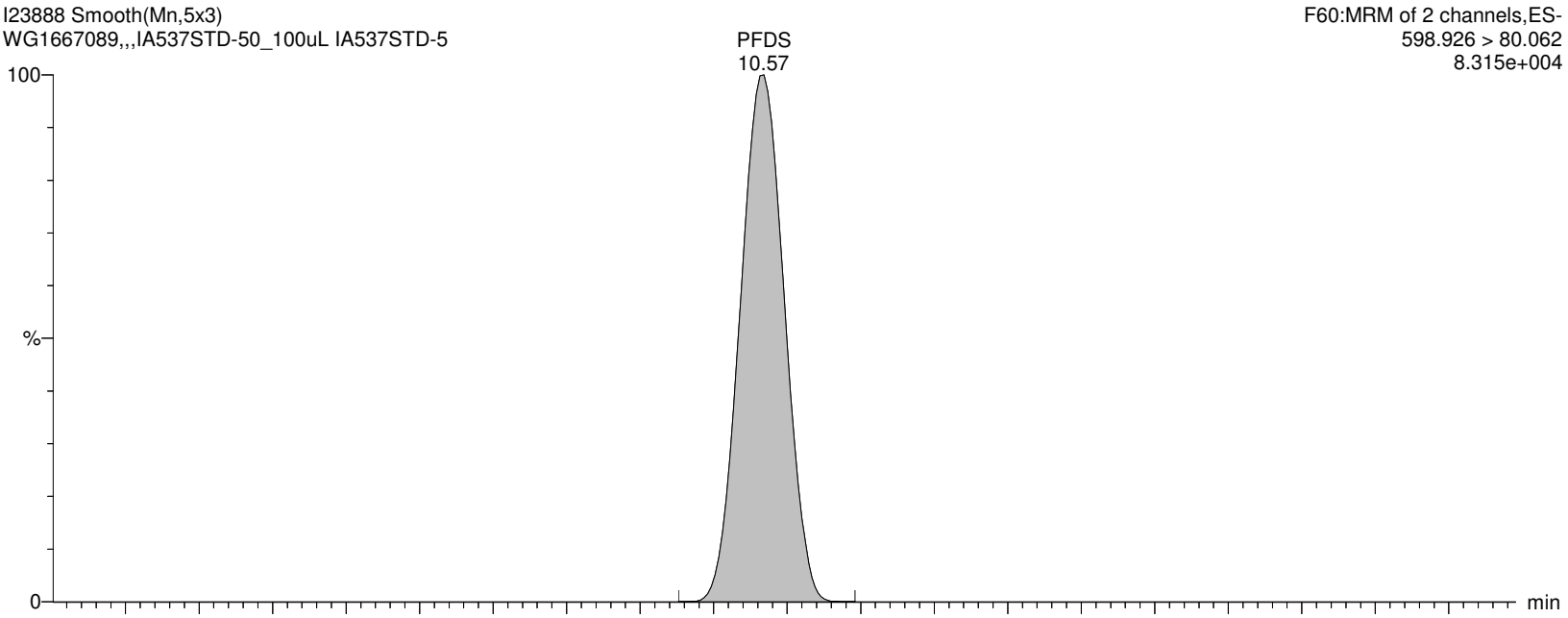


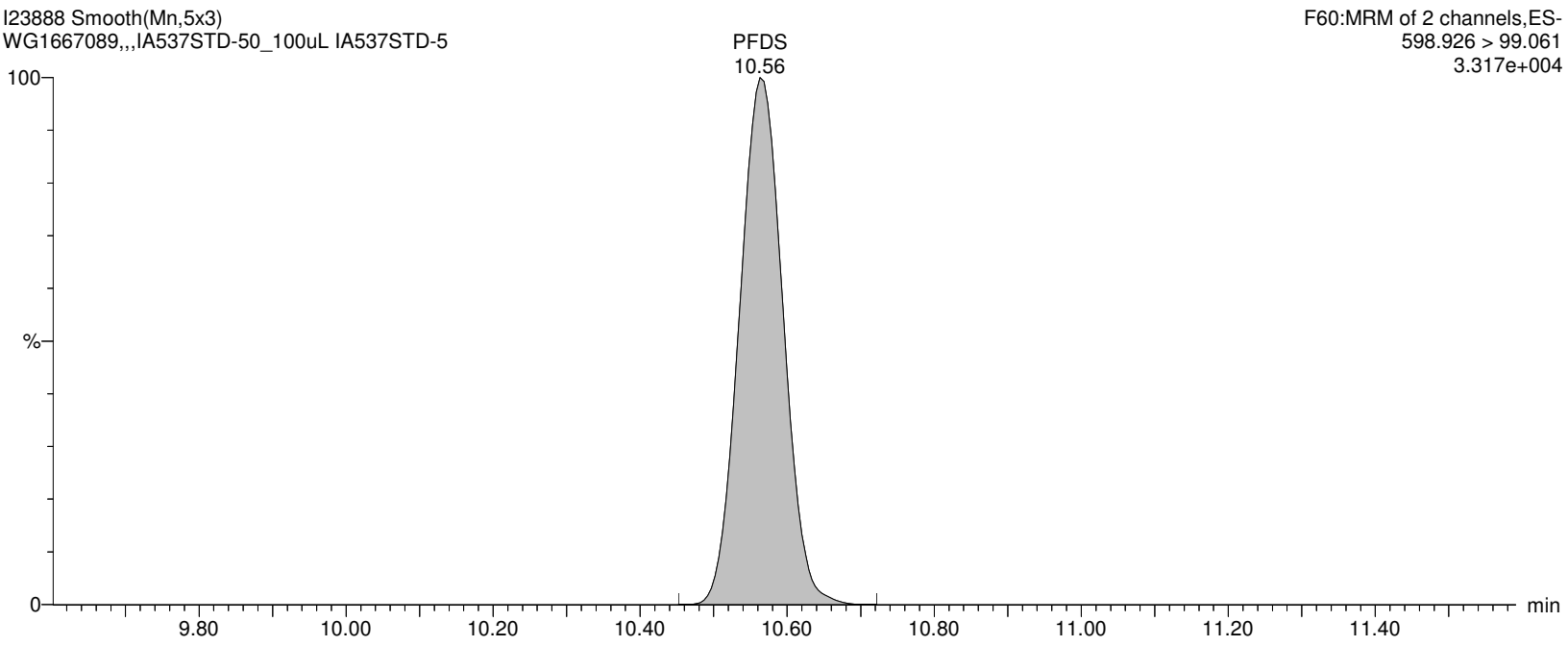
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFDS



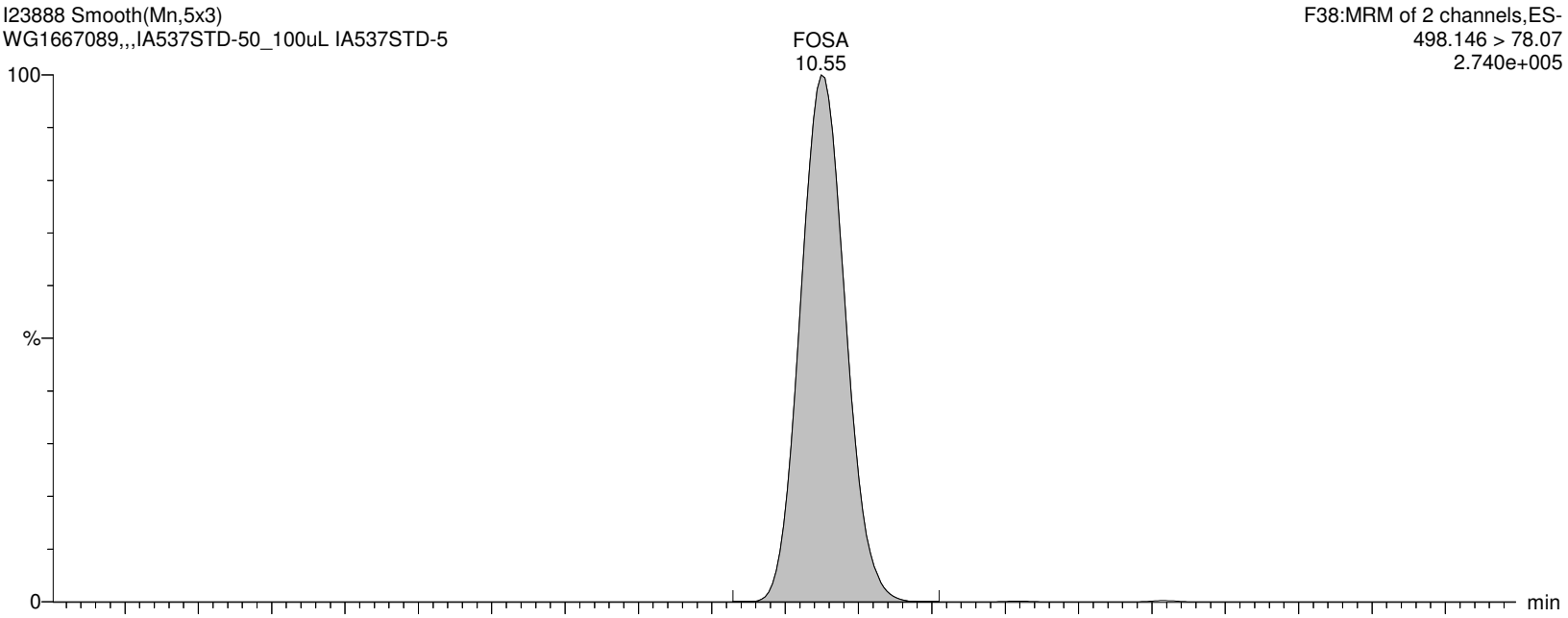


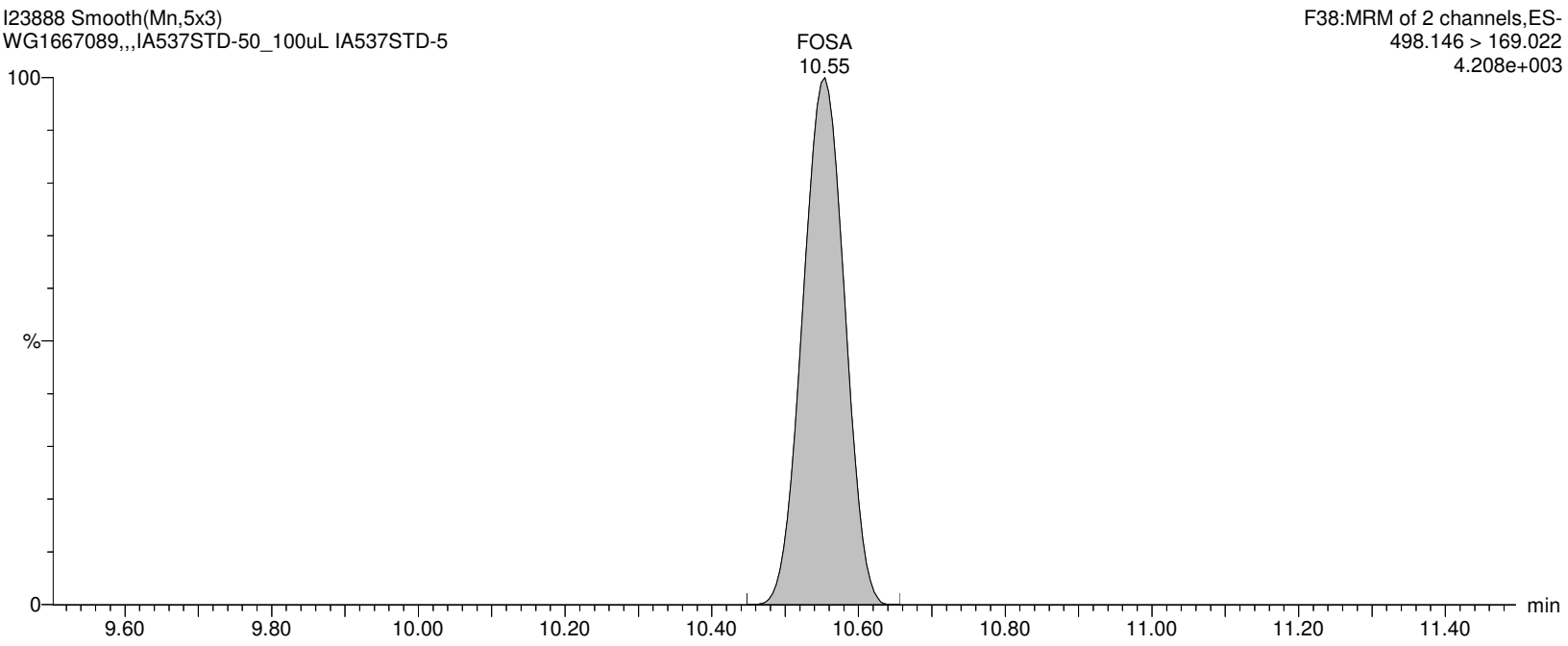
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

FOSA



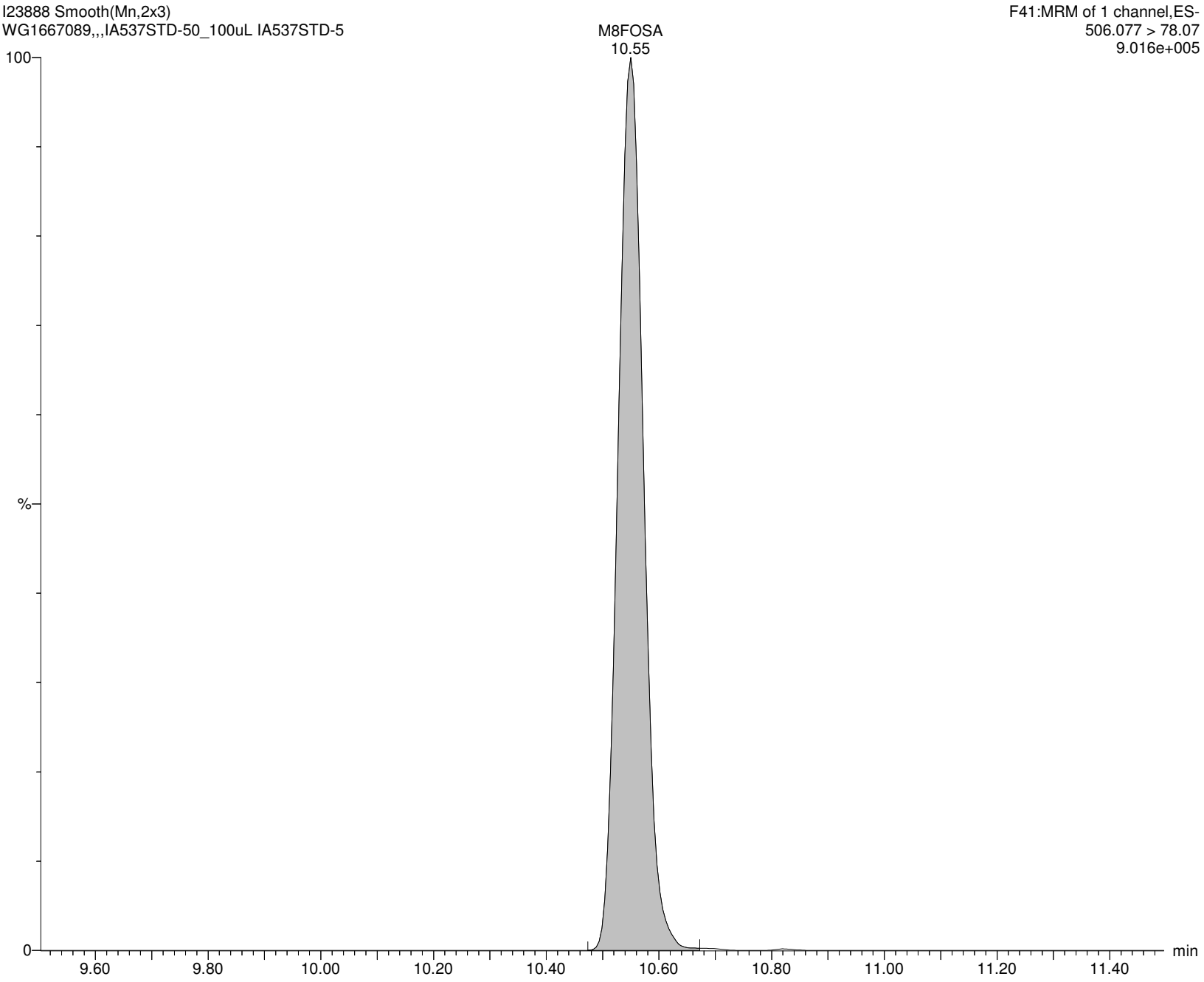


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M8FOSA

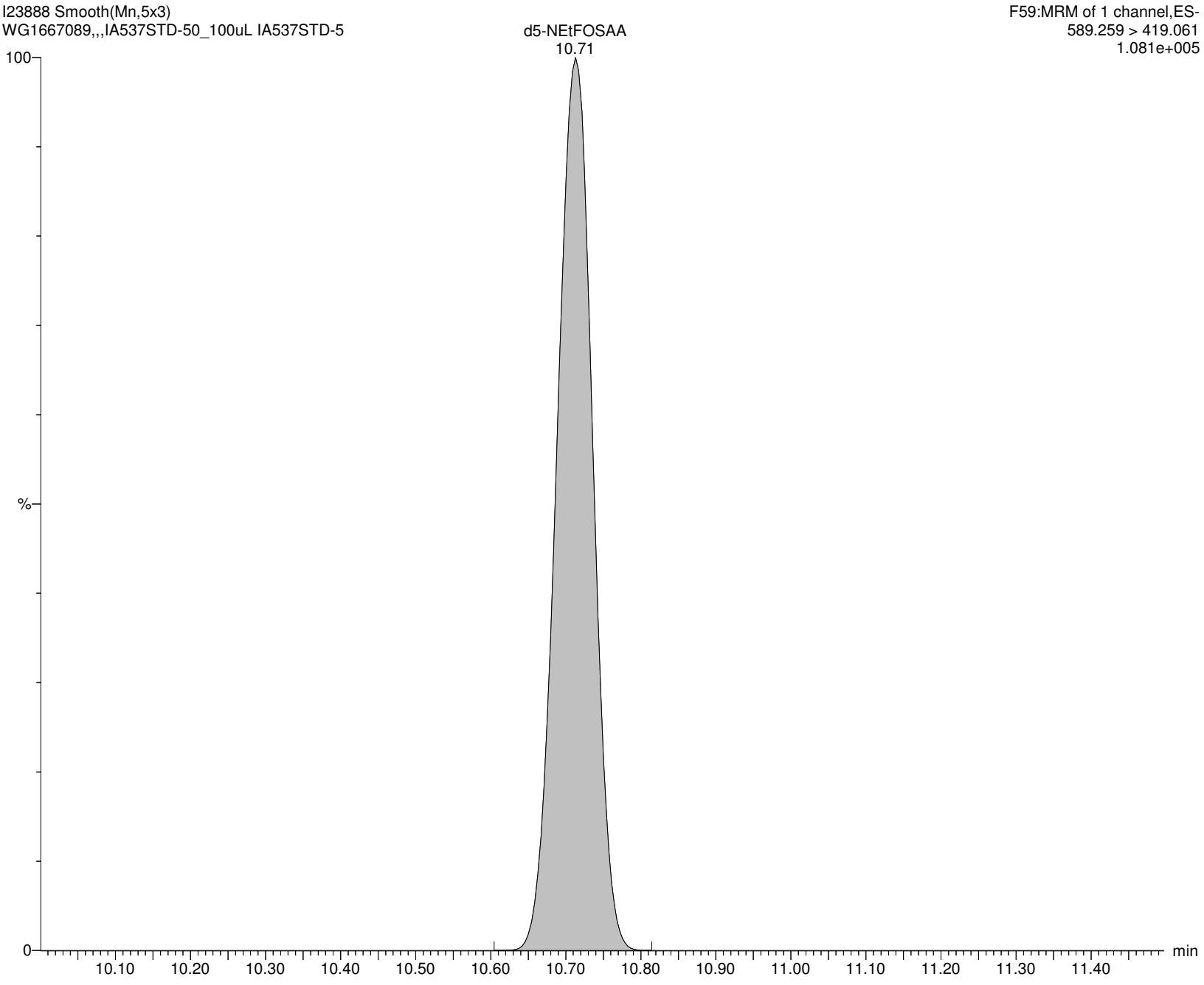


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

d5-NEtFOSAA

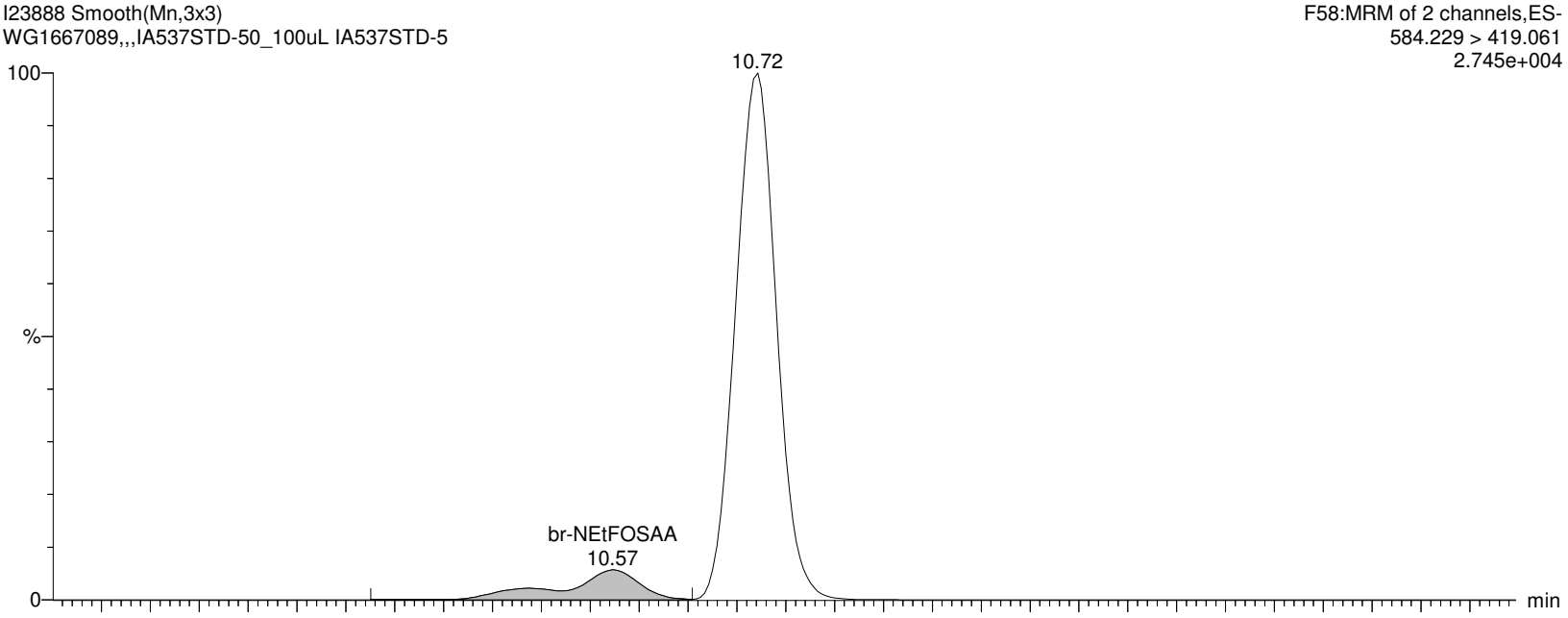


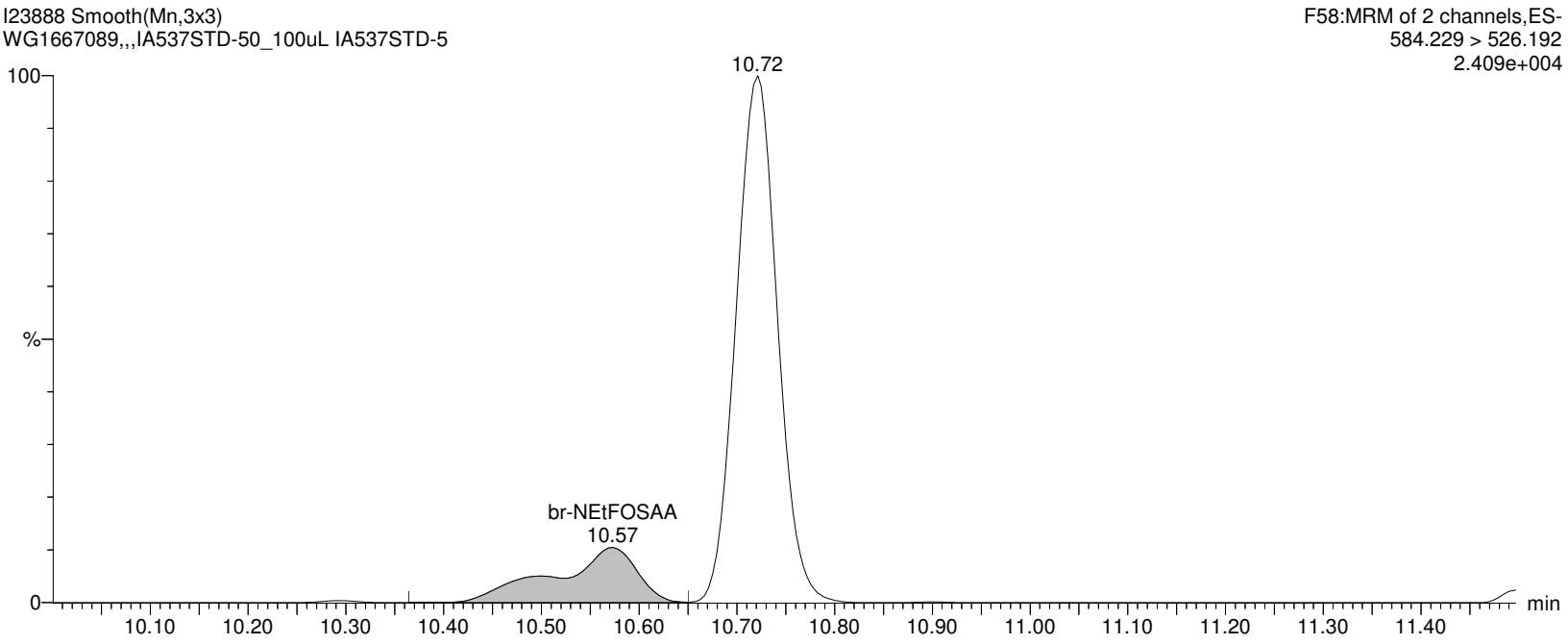
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

br-NEtFOSAA



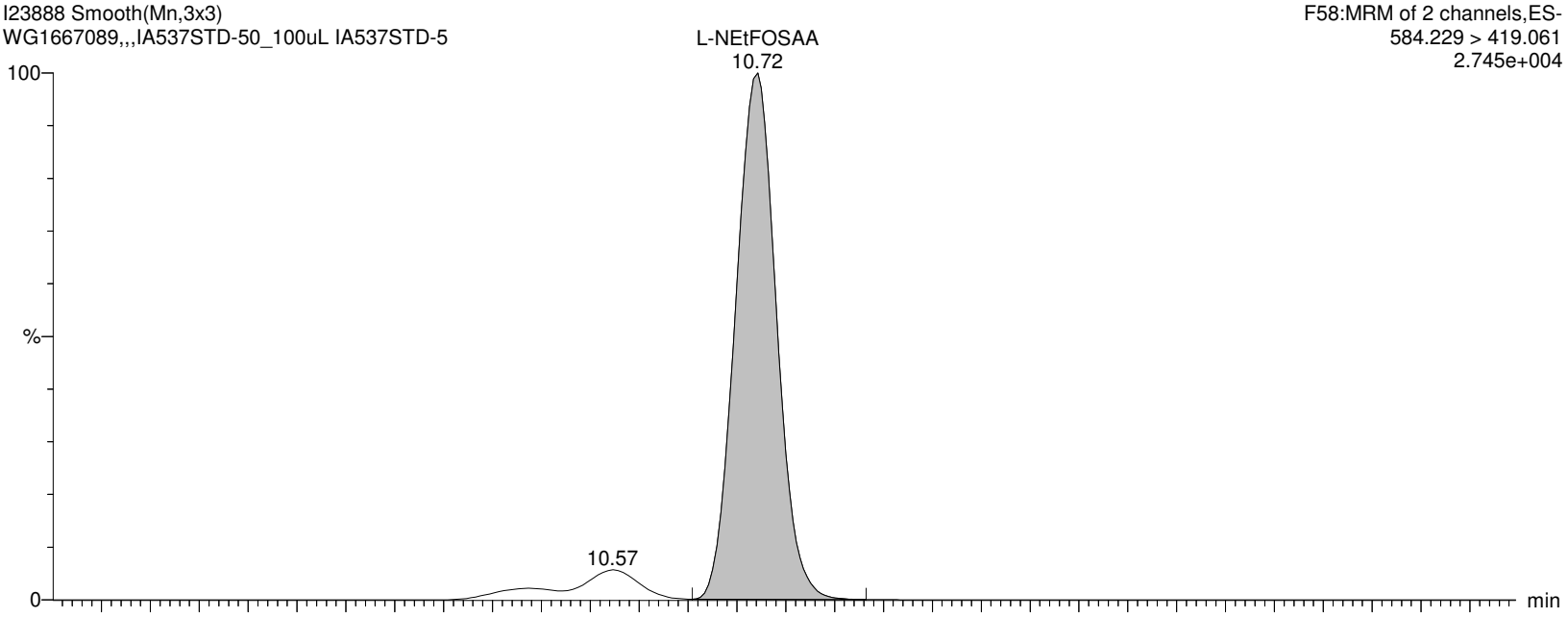


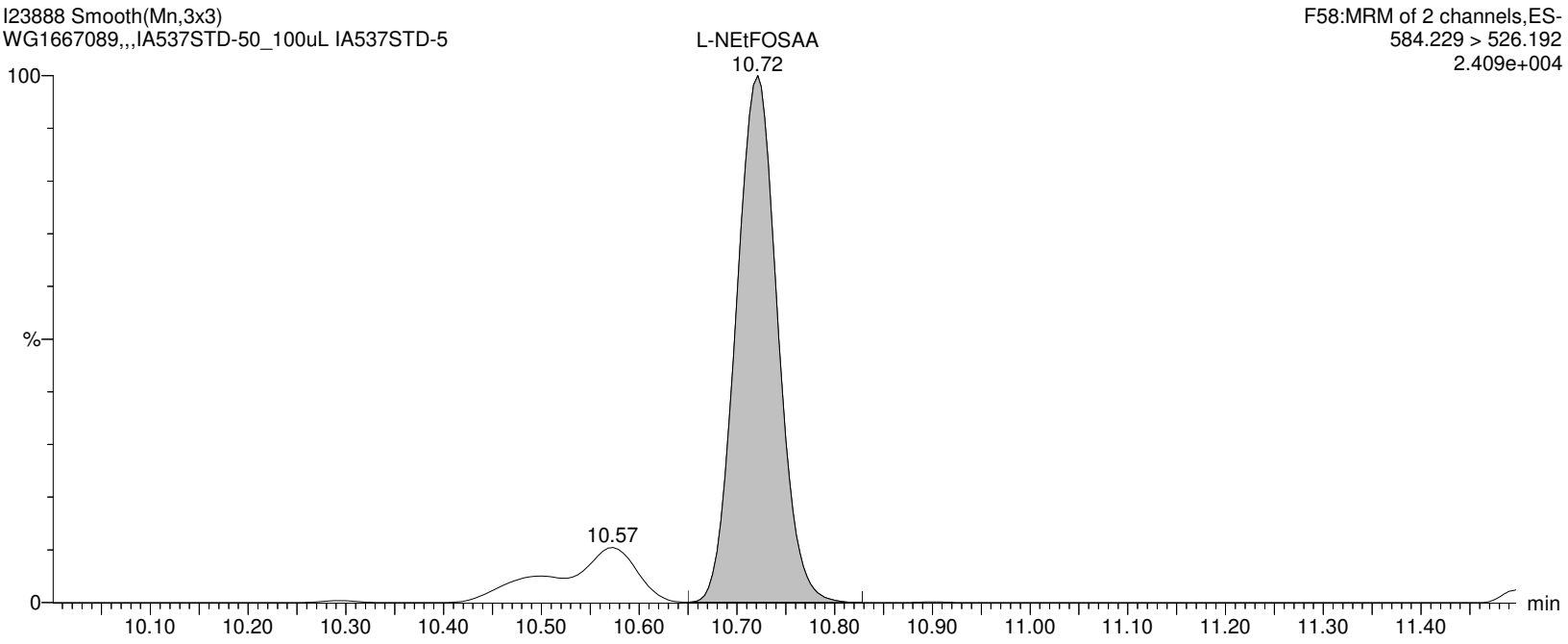
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

L-NEtFOSAA



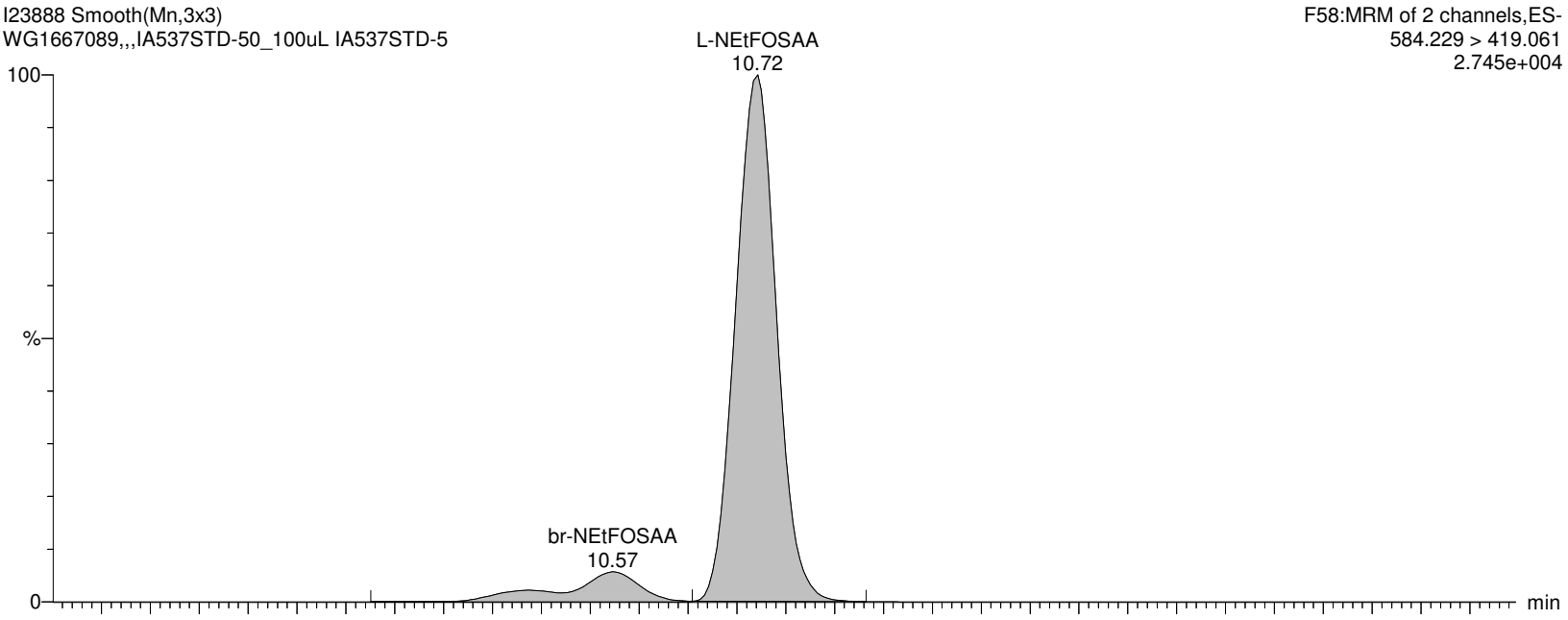


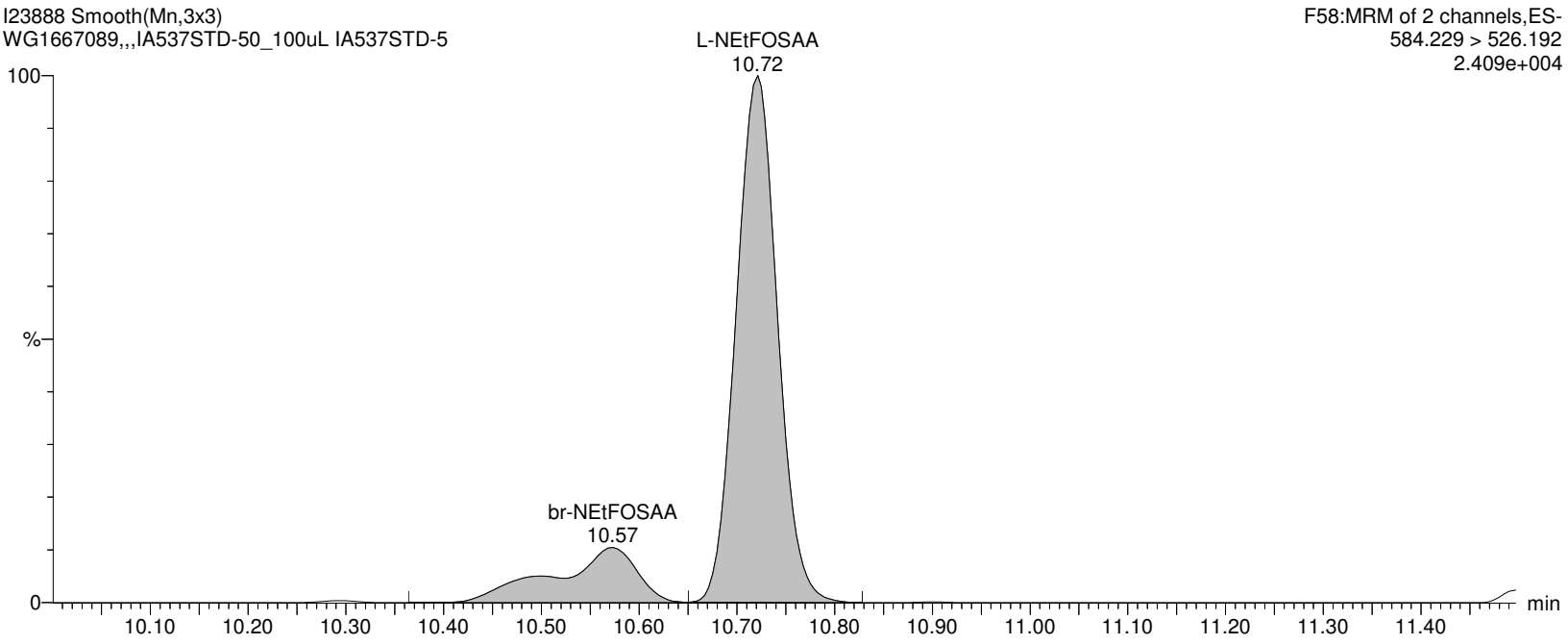
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NEtFOSAA



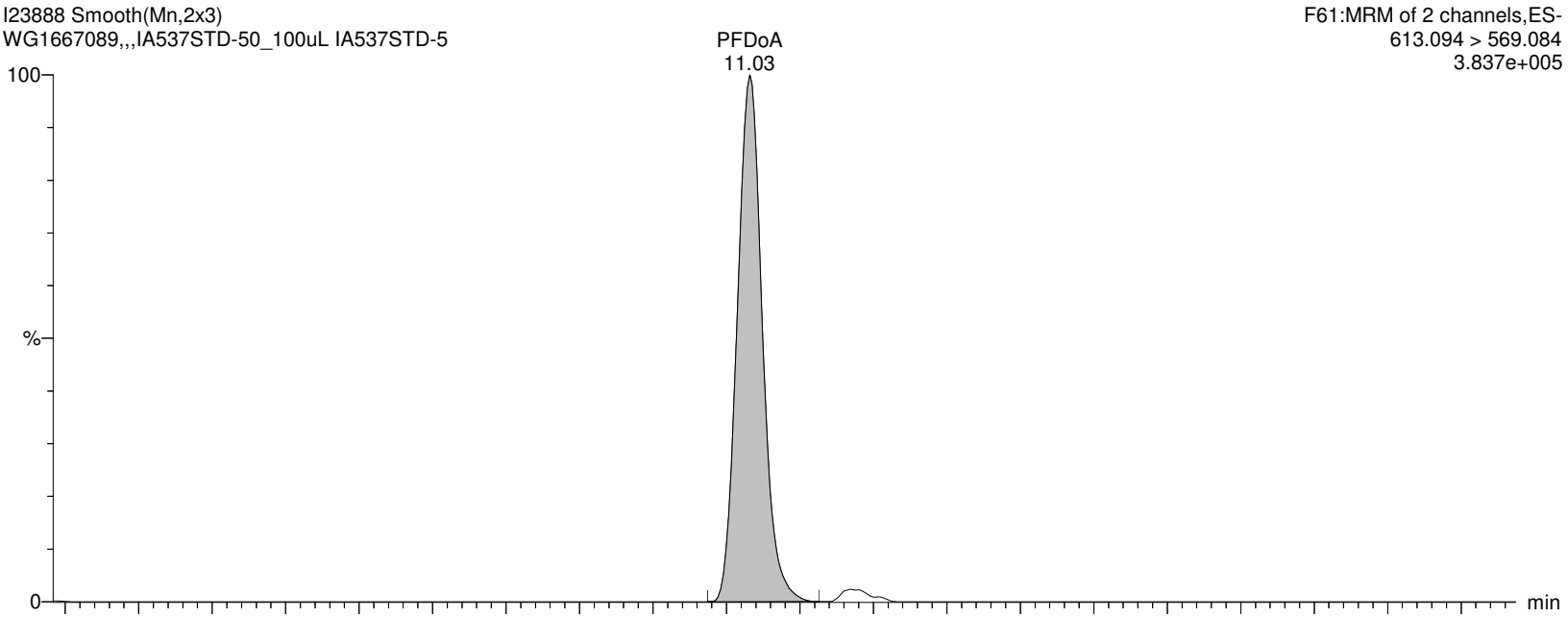


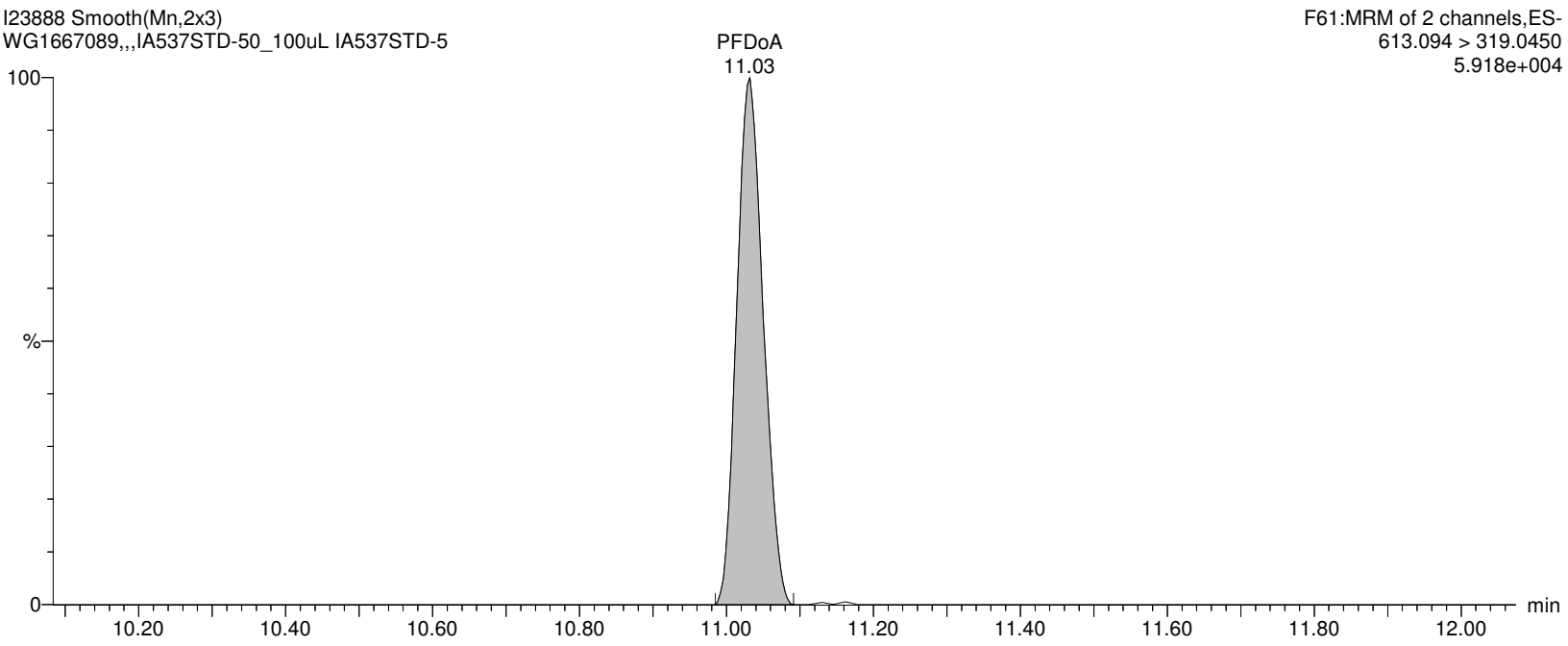
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFDoA



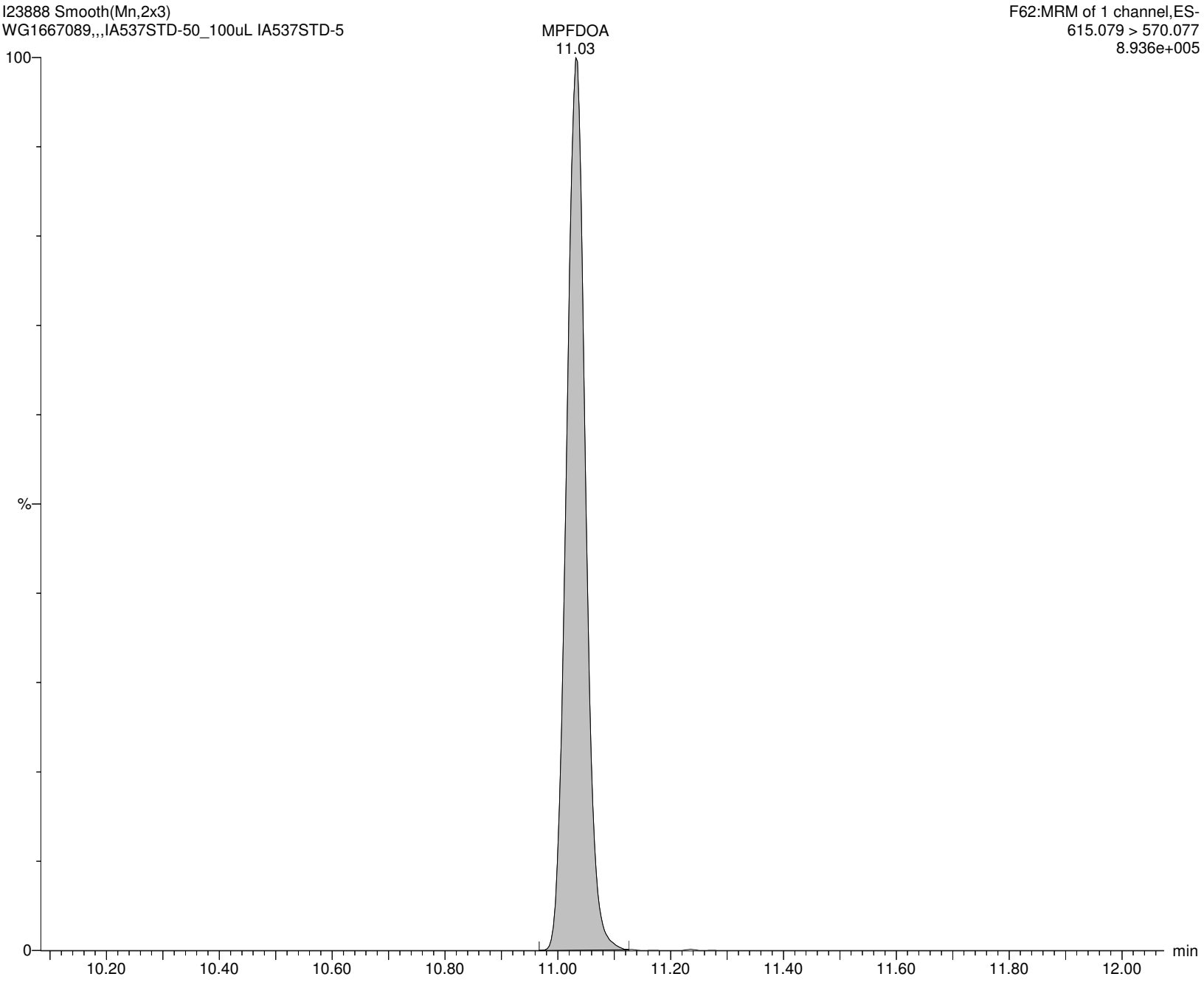


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

MPFDOA

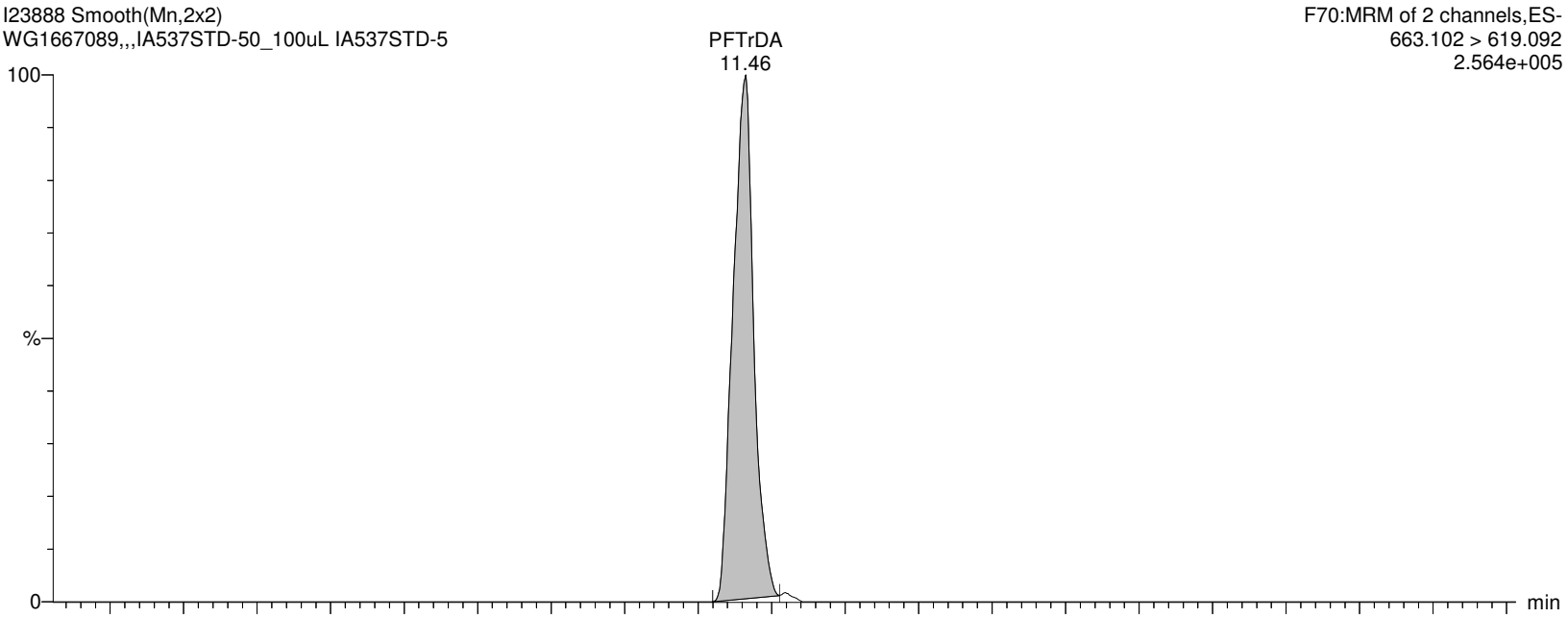


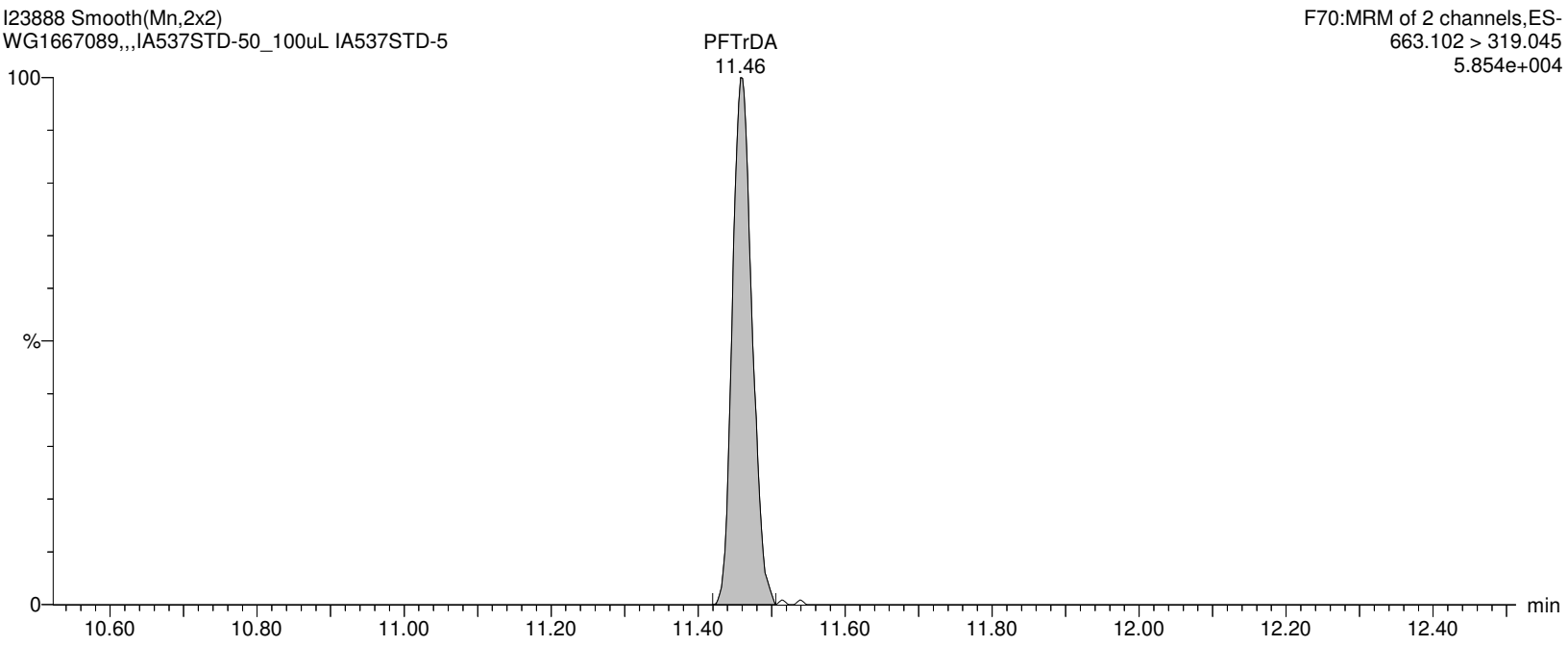
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFTrDA



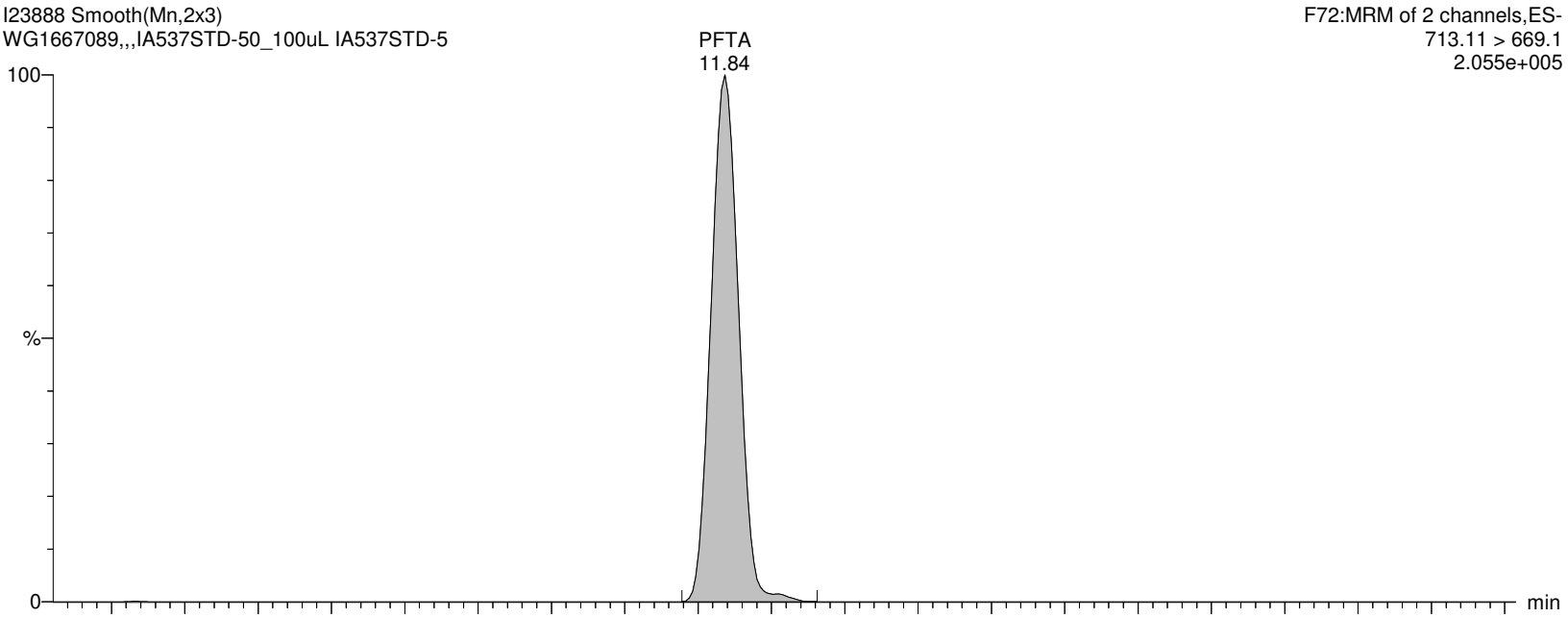


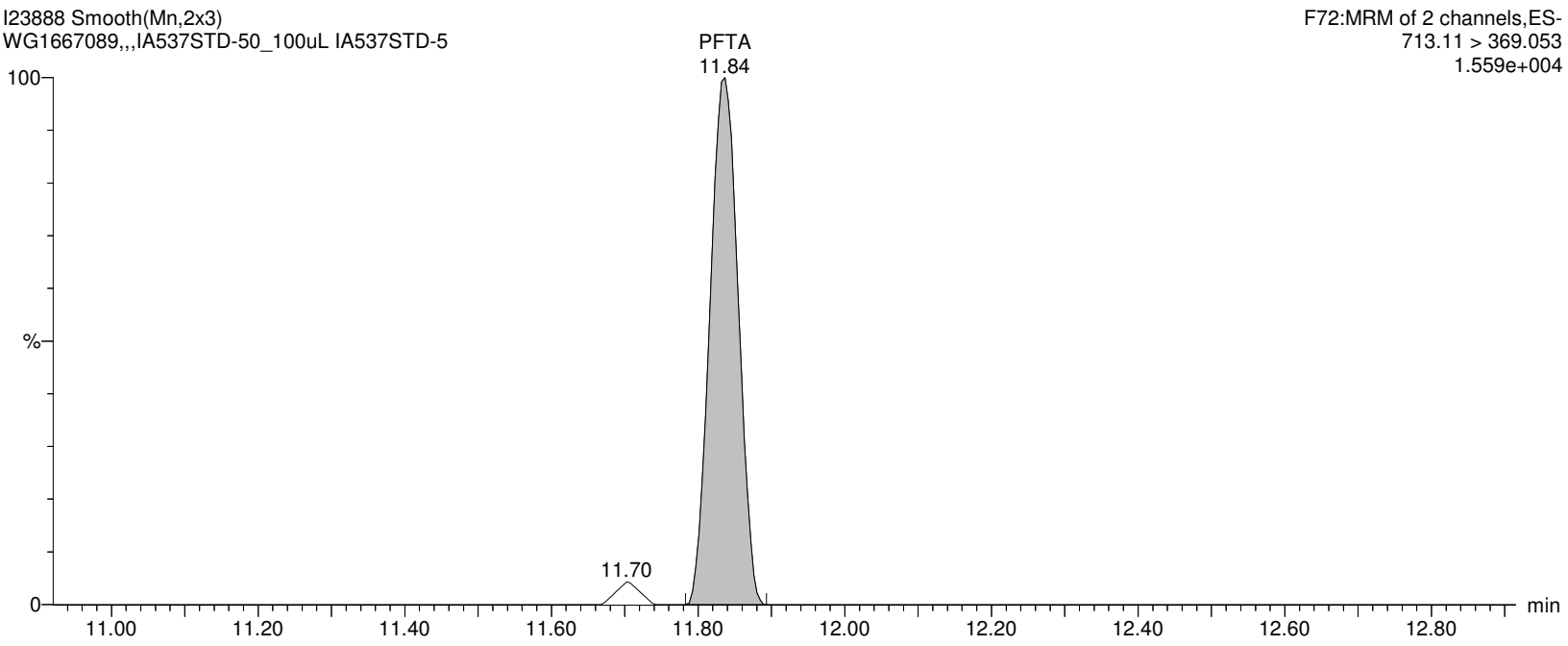
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFTA



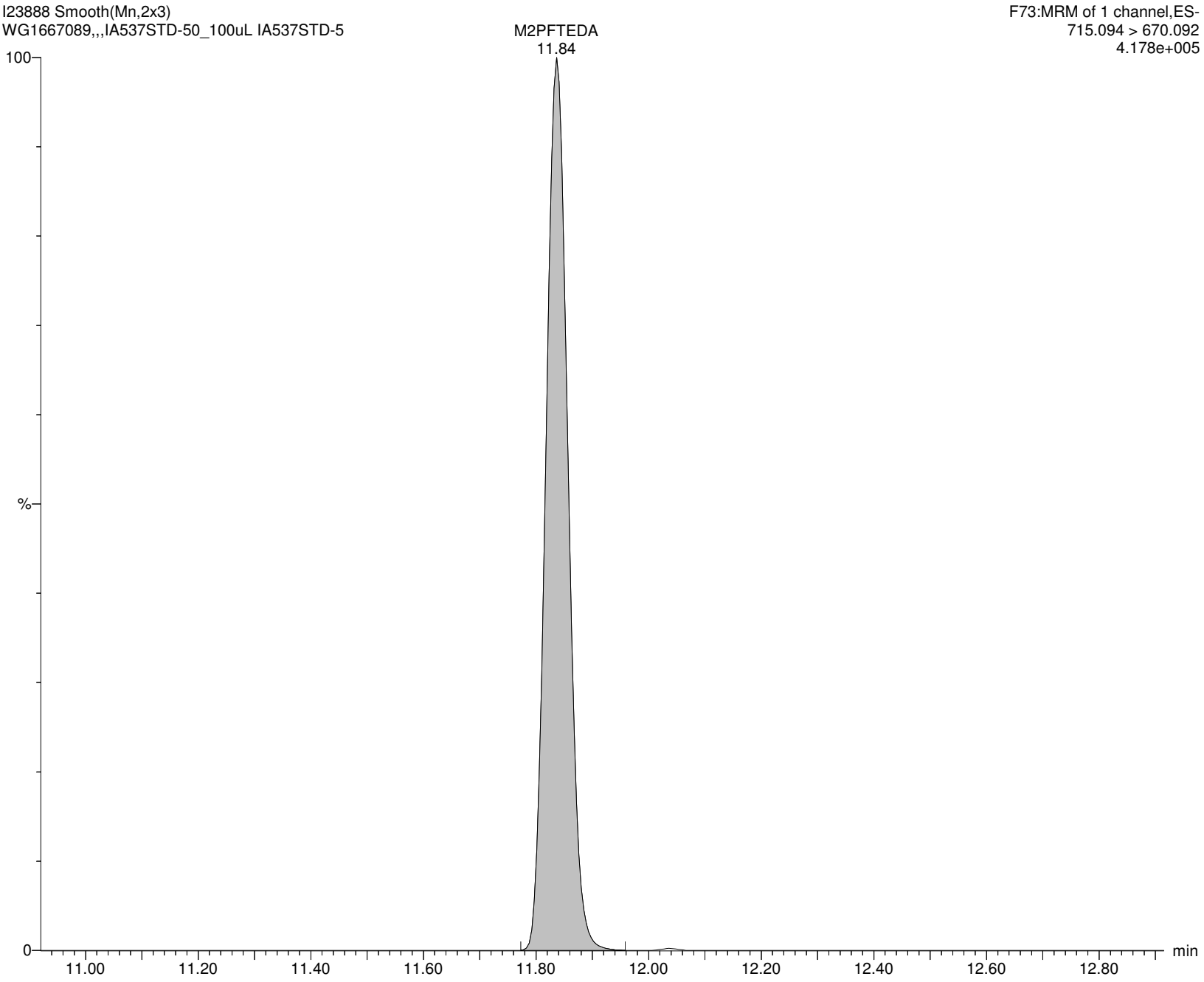


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2PFTEDA

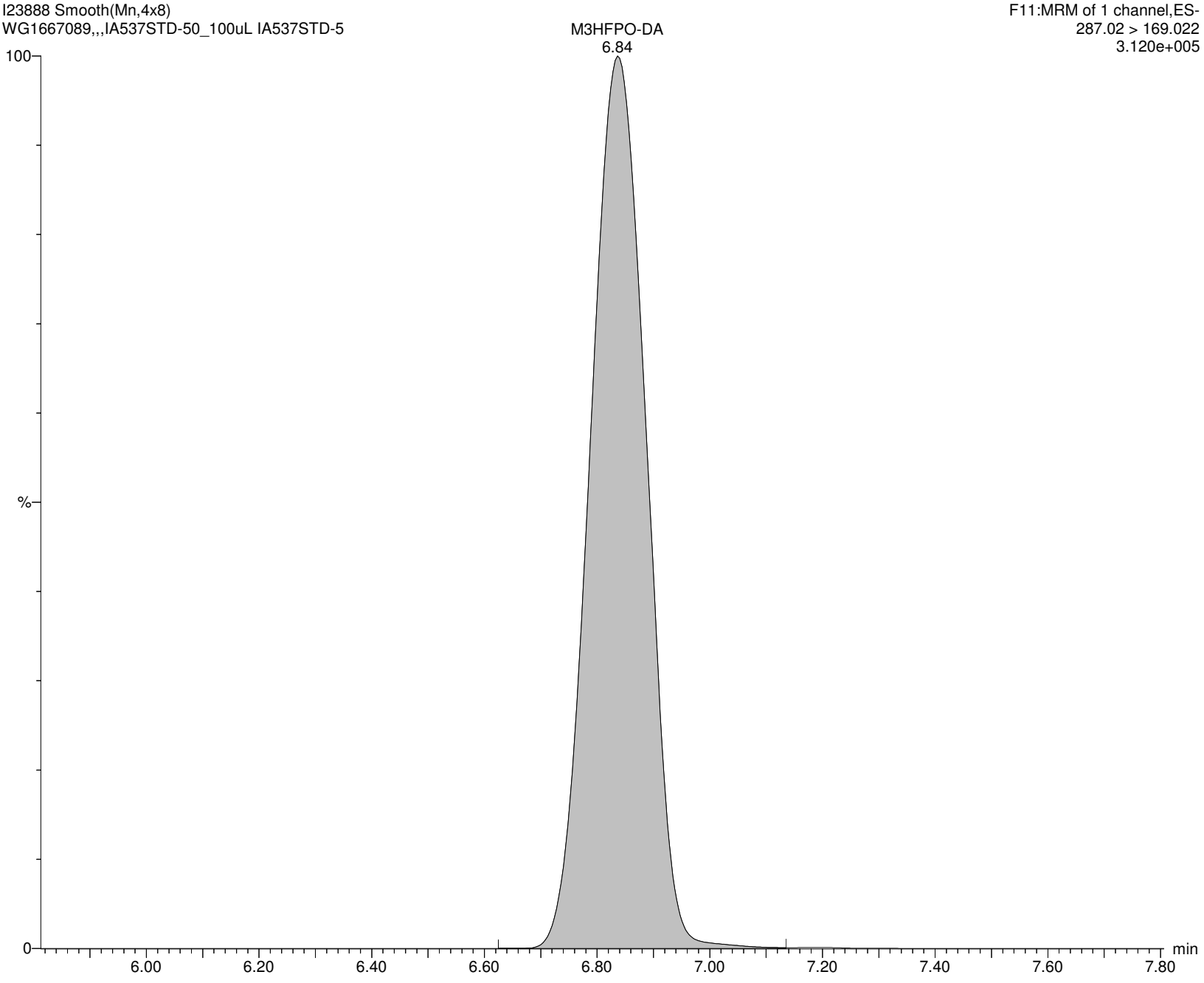


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M3HFPO-DA

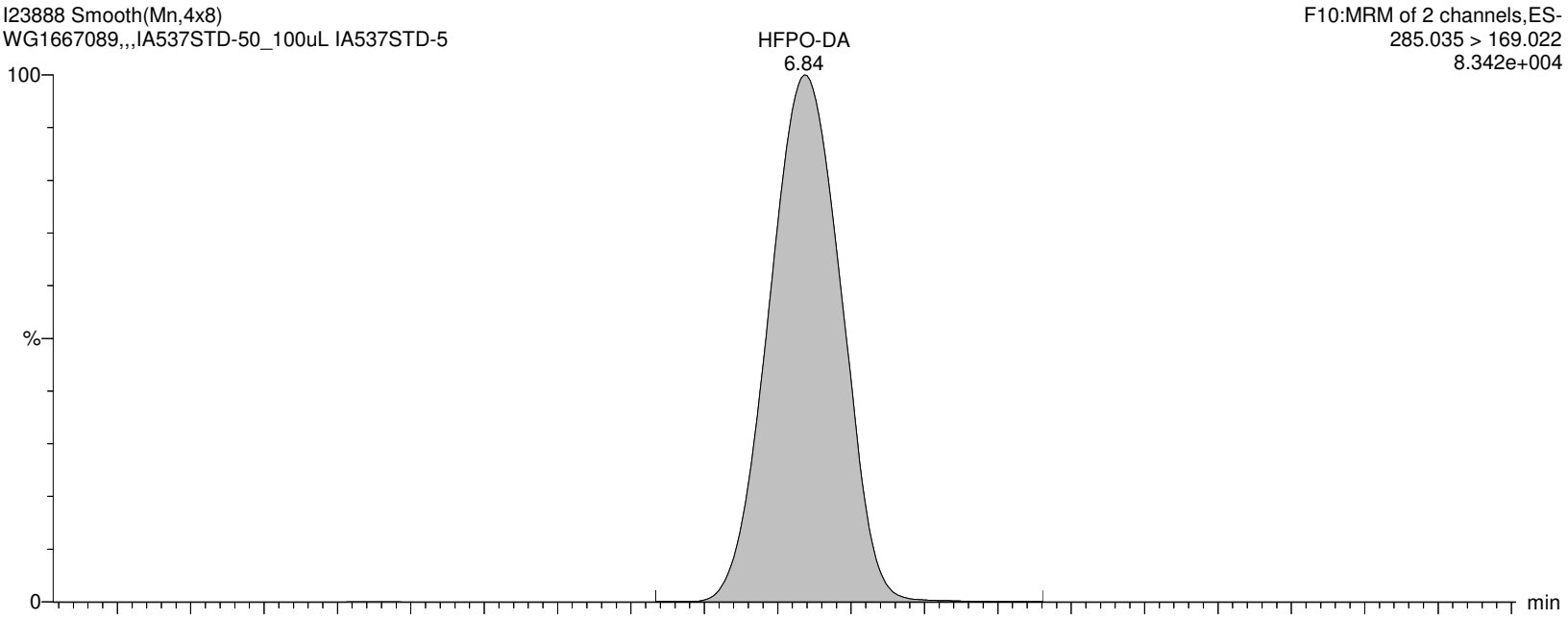


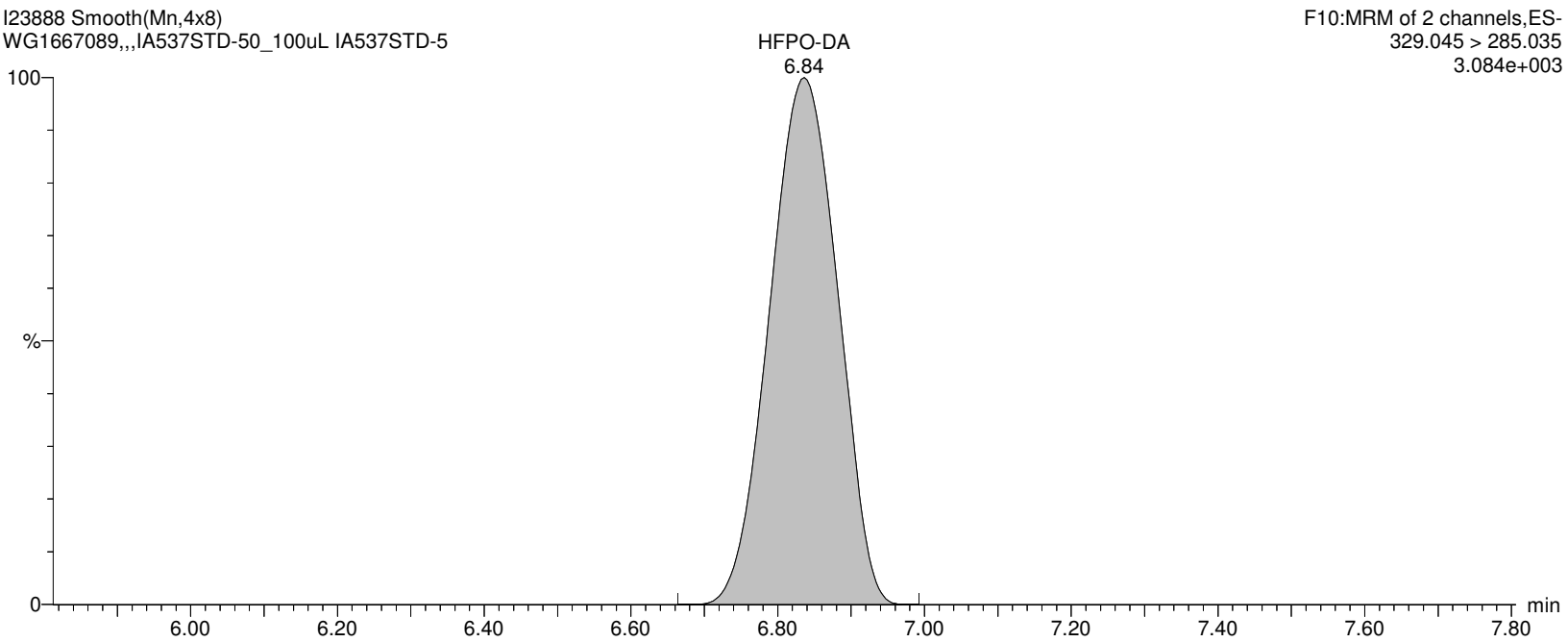
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

HFPO-DA



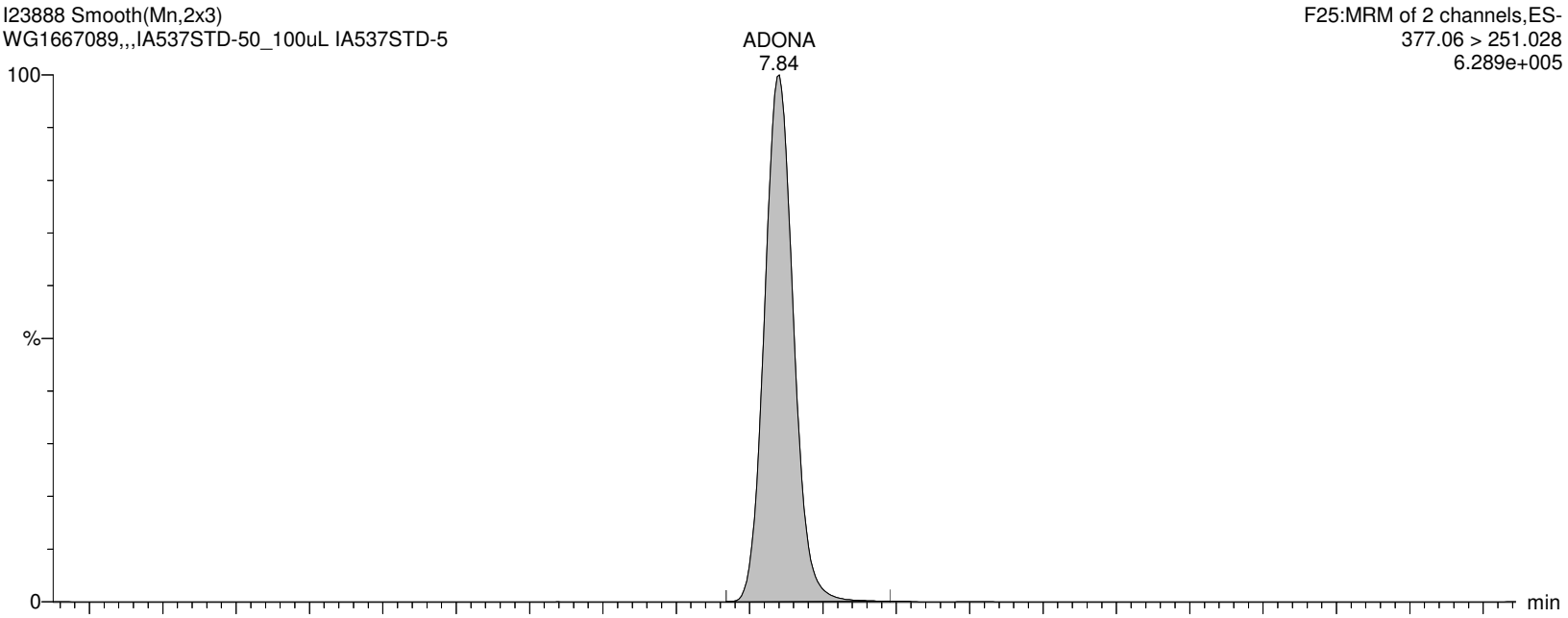


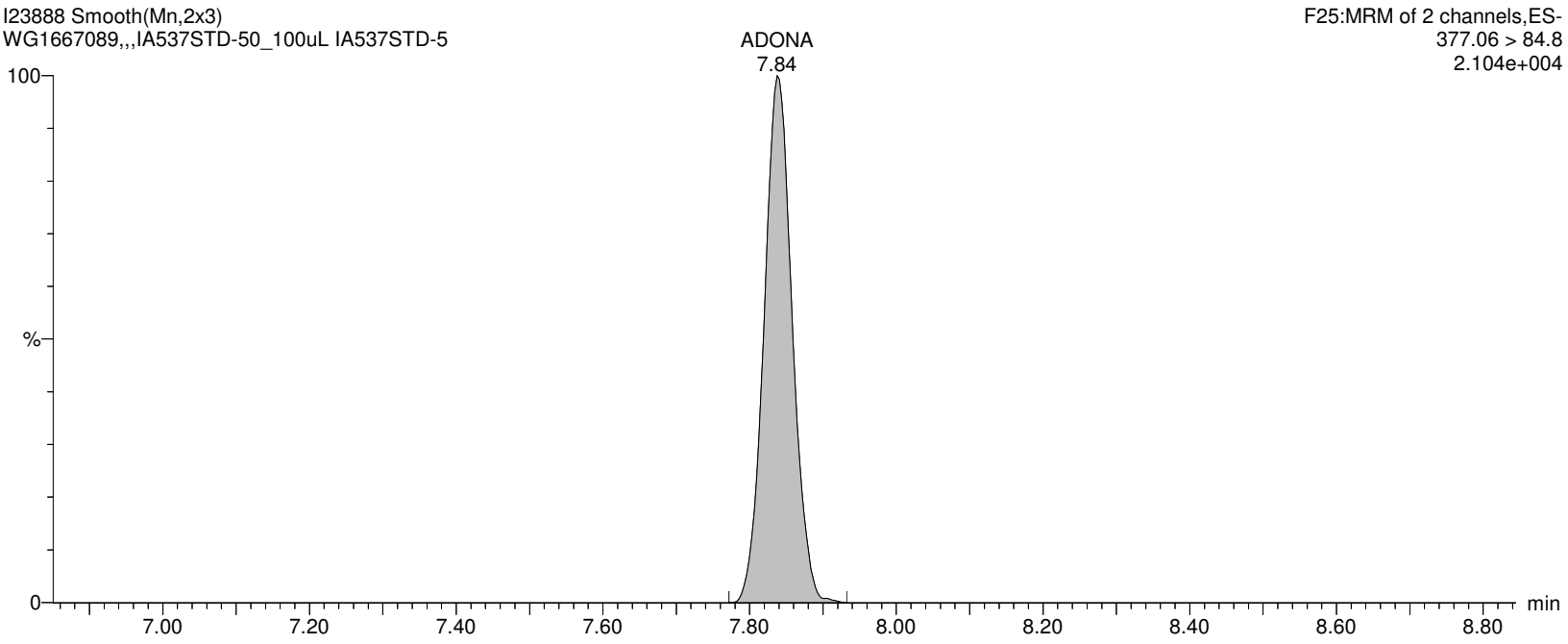
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

ADONA



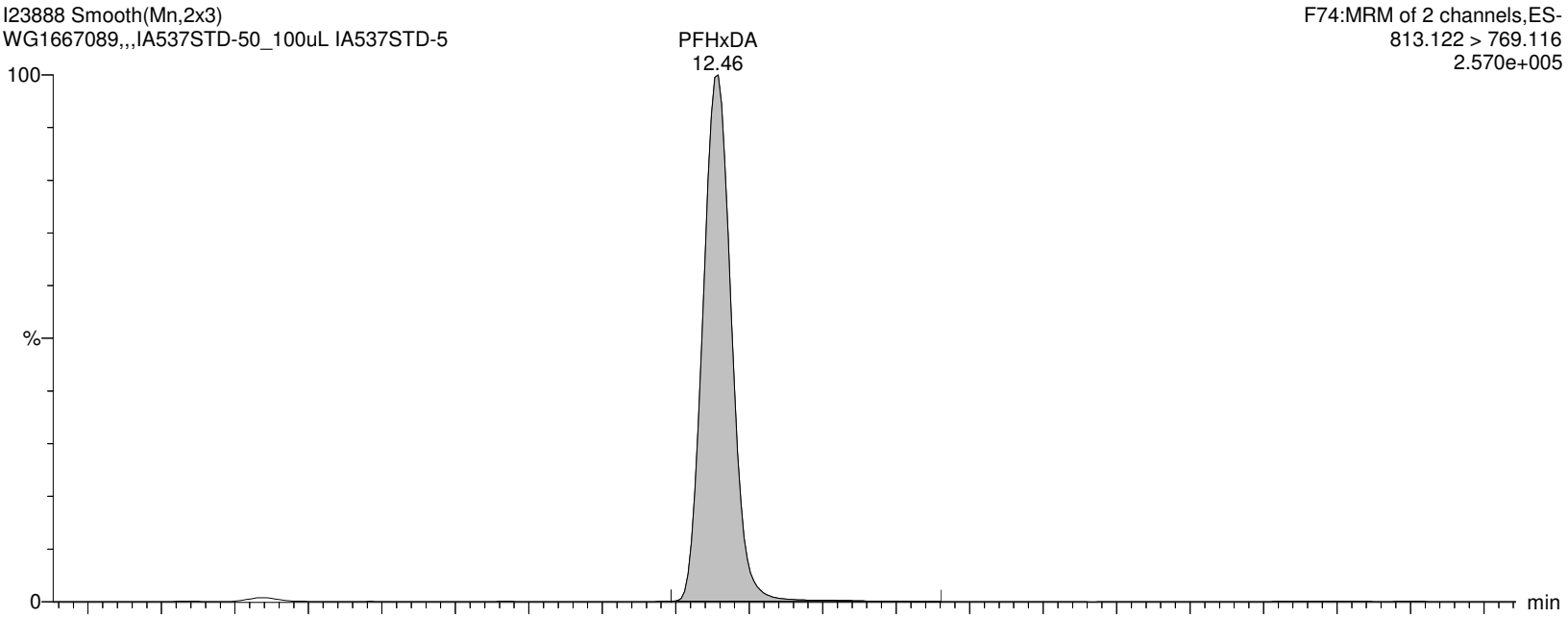


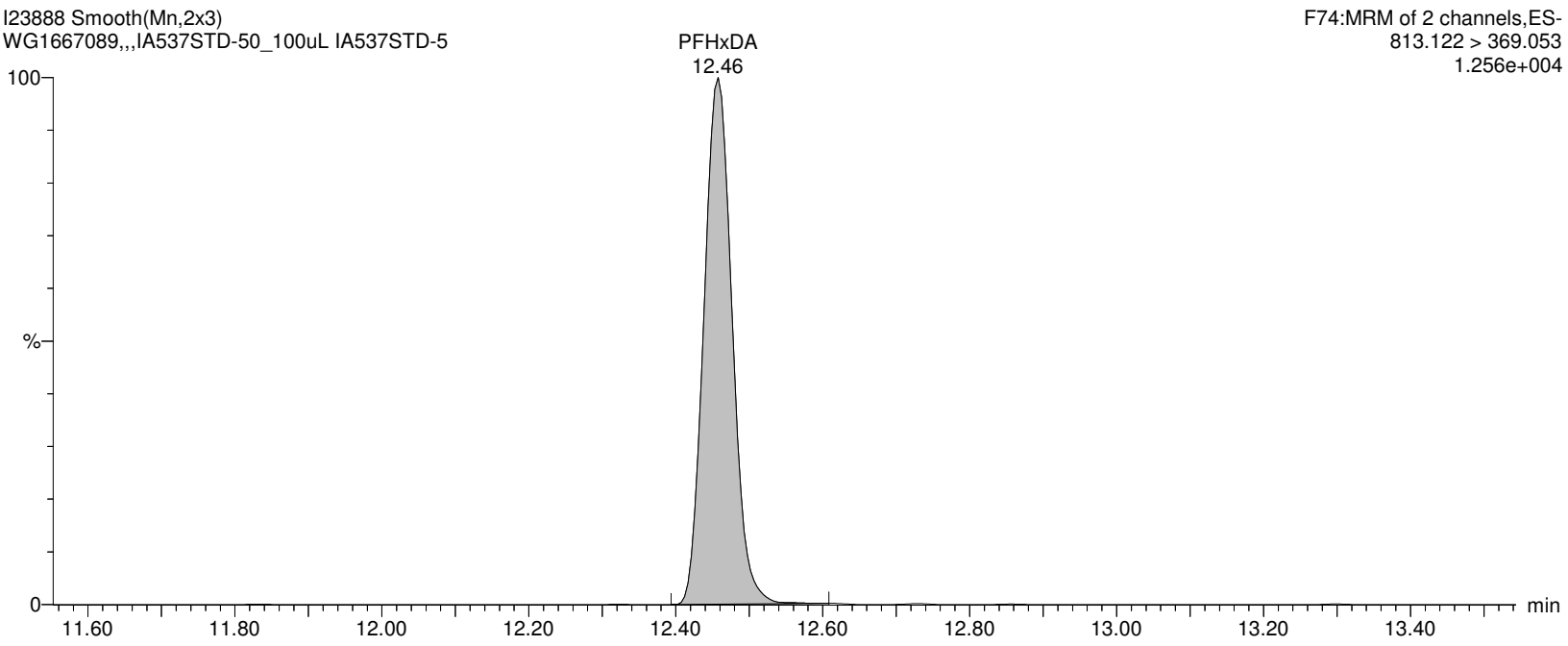
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFHxDA



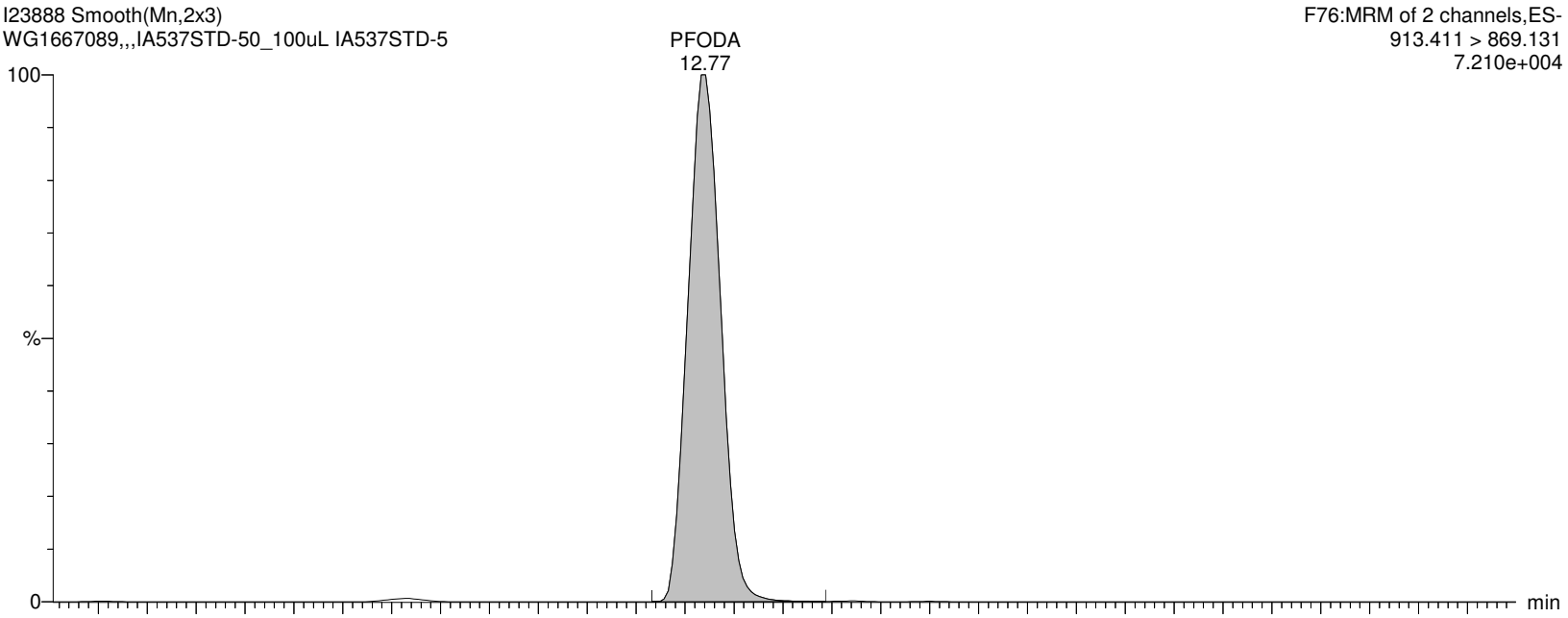


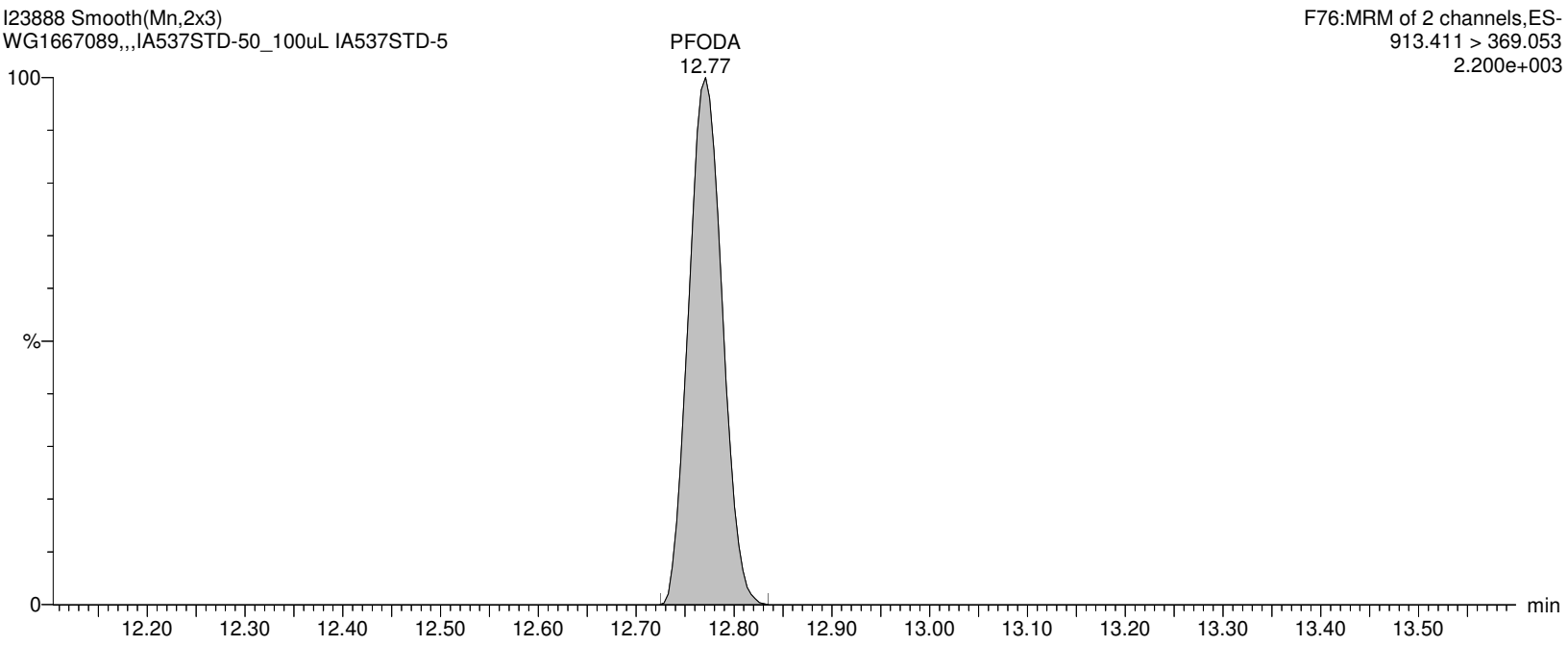
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFODA



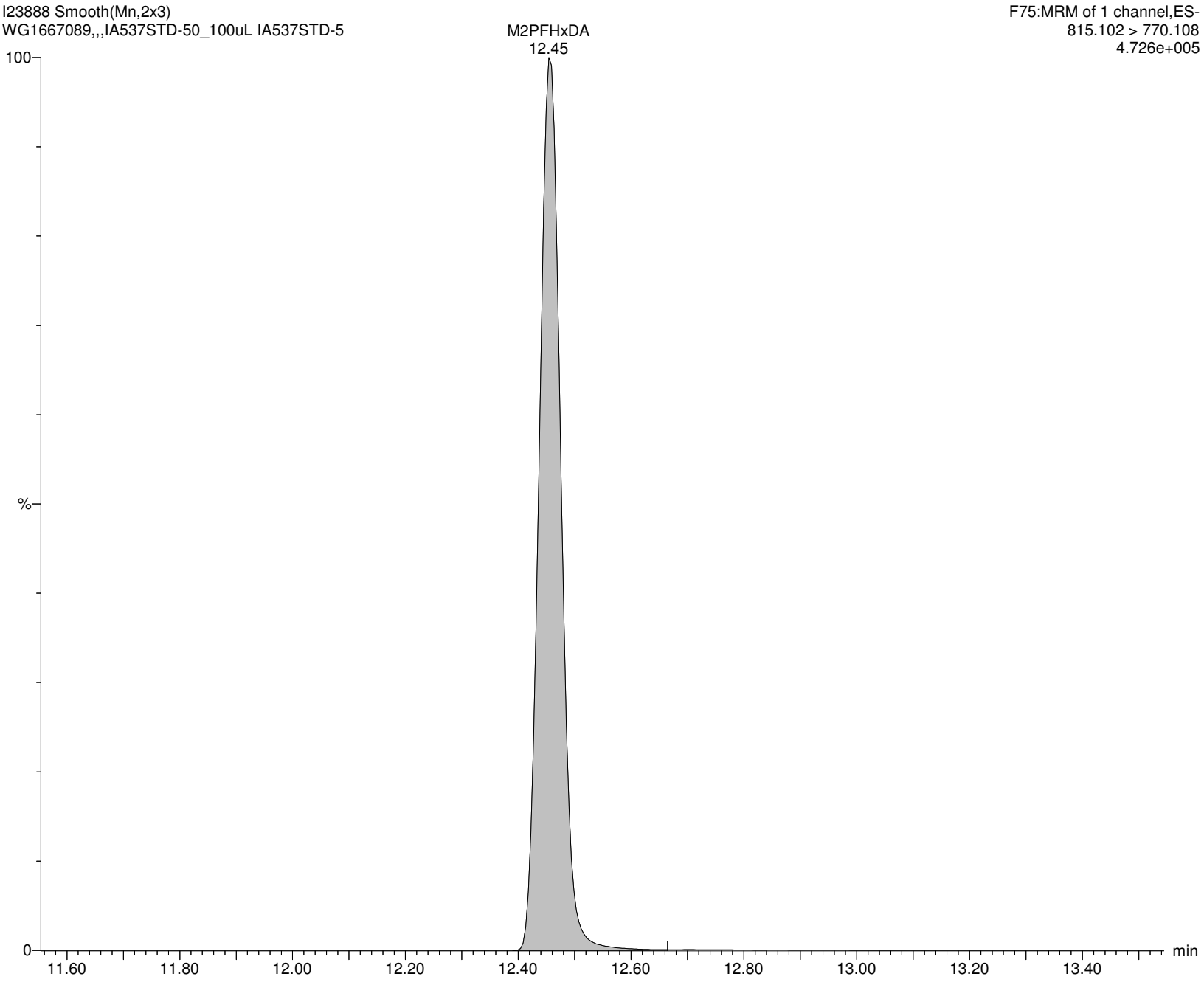


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2PFHxDA

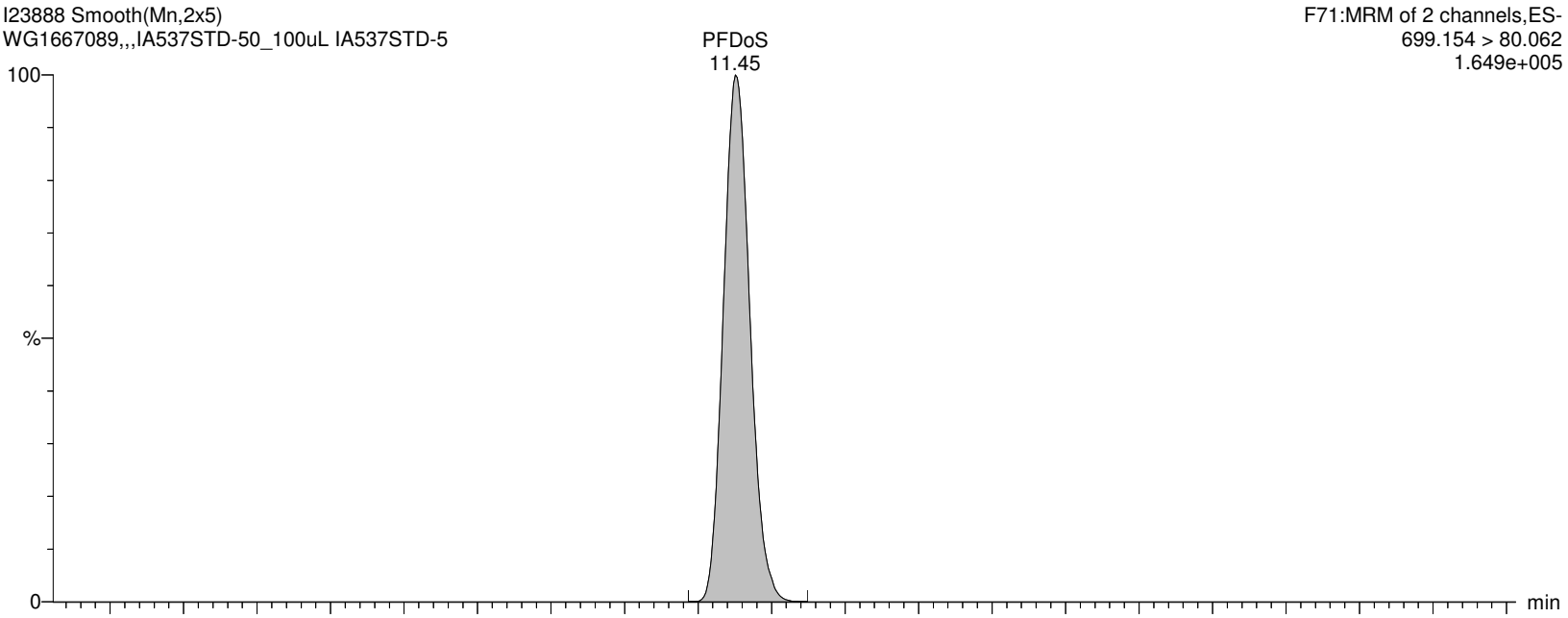


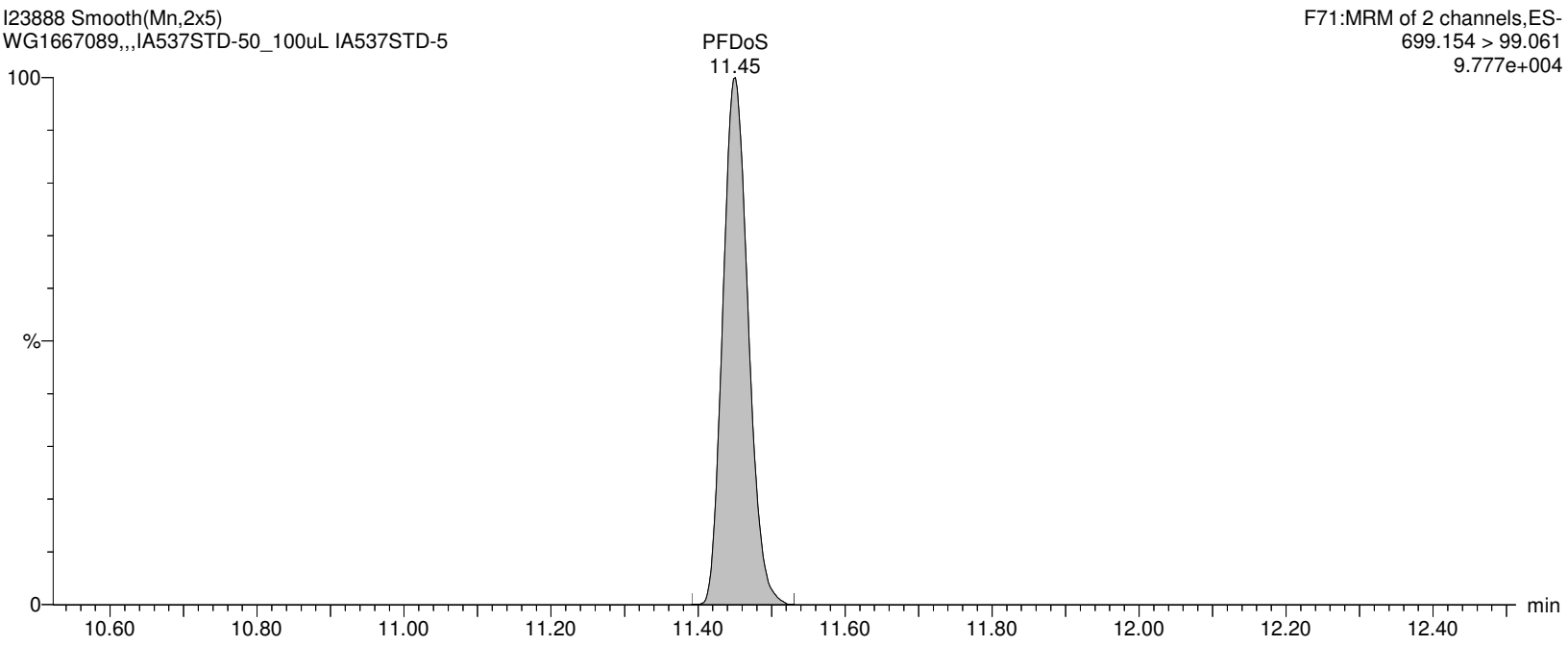
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFDoS



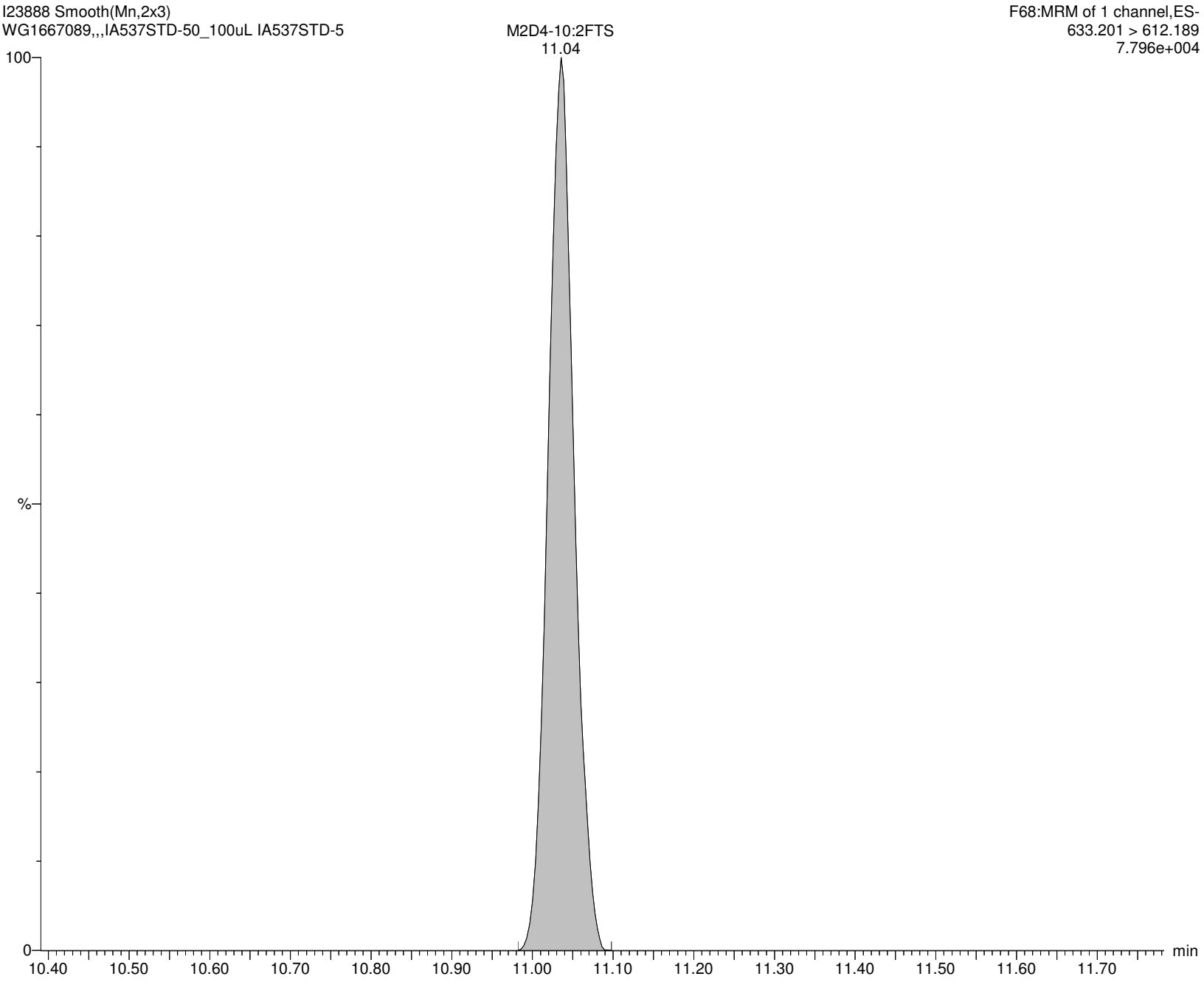


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2D4-10:2FTS

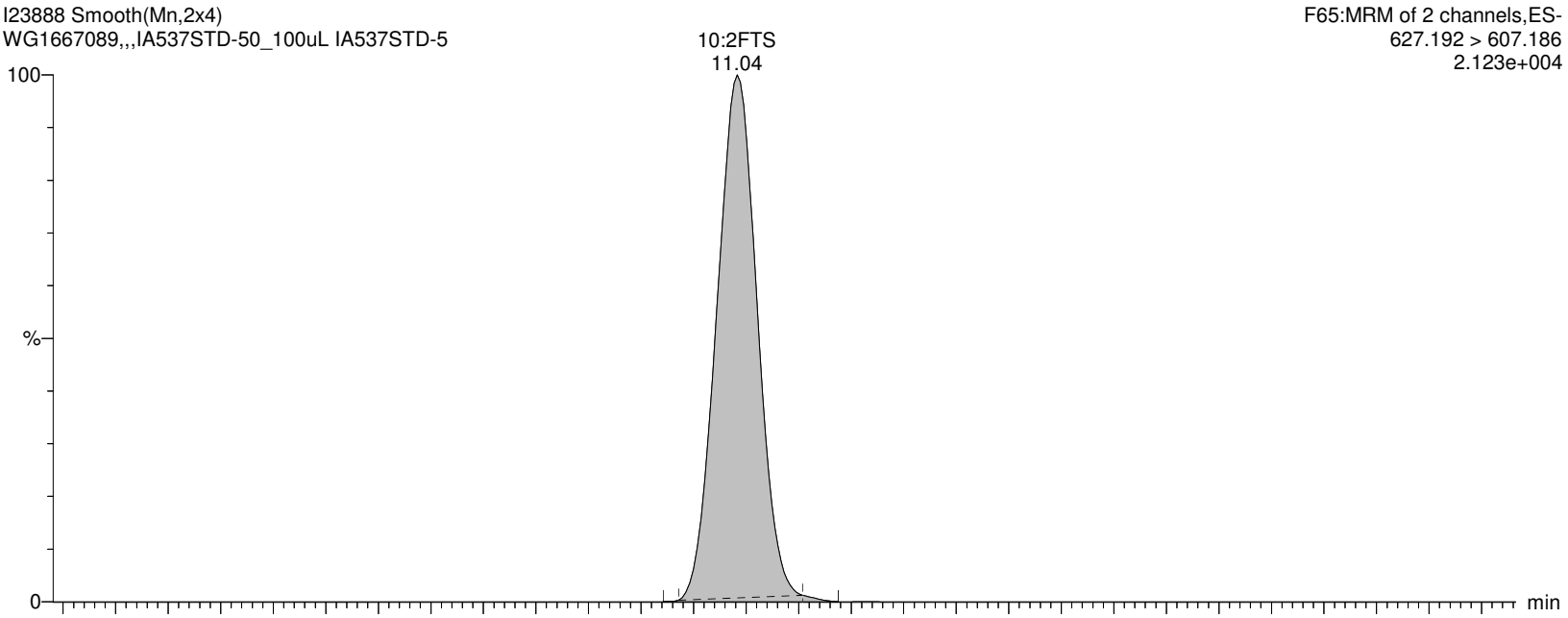


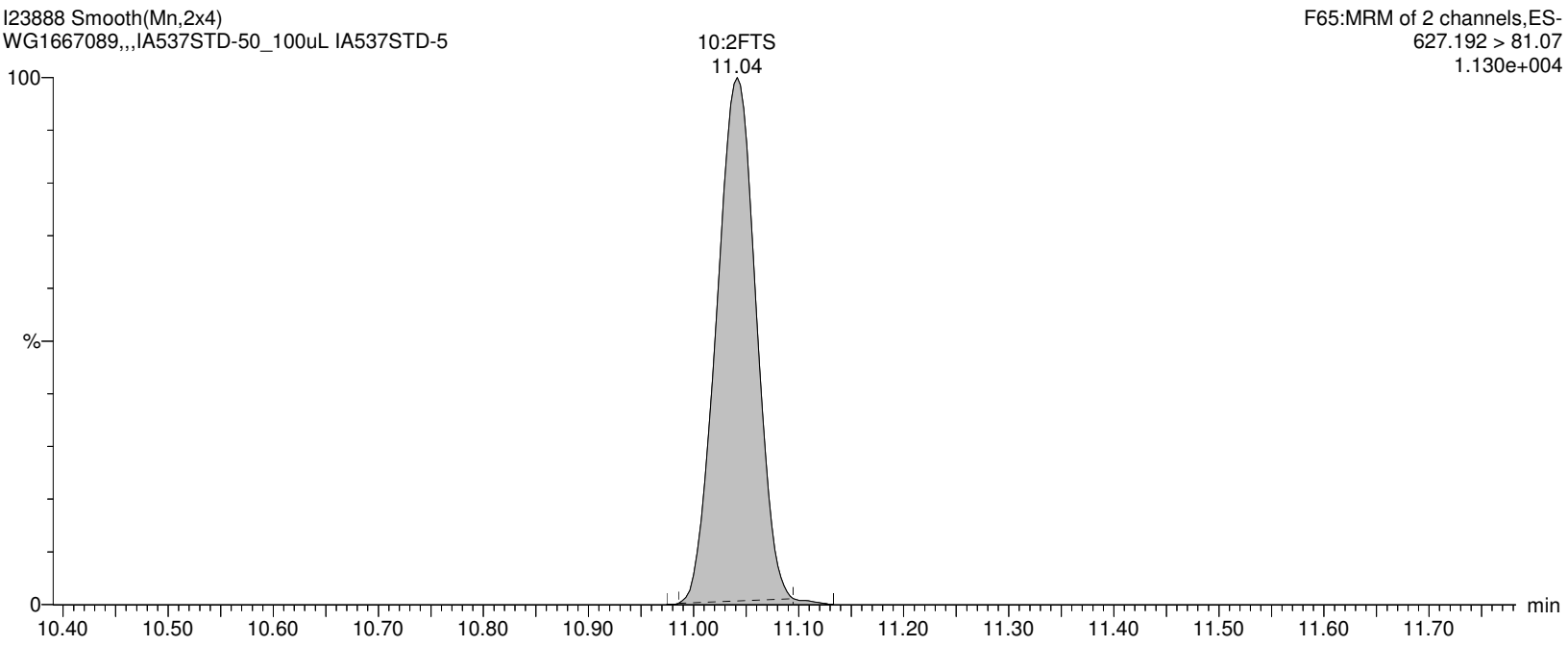
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

10:2FTS



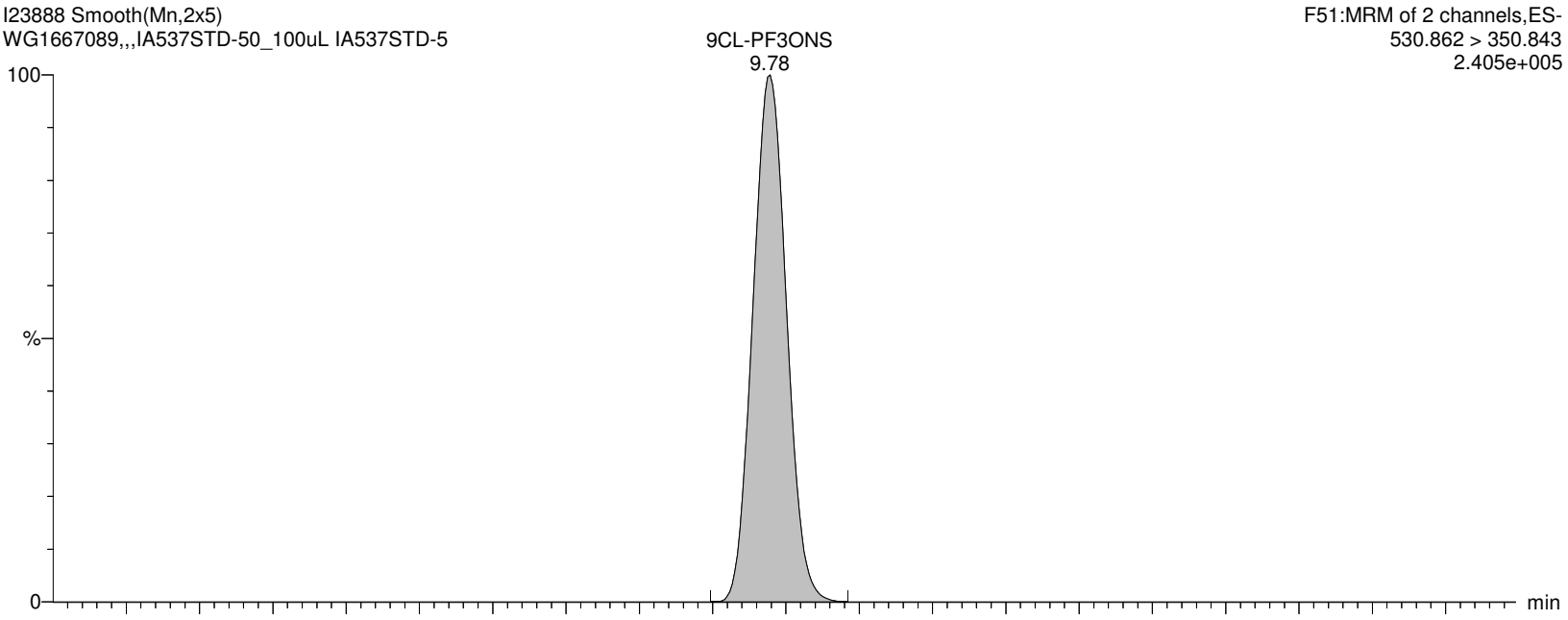


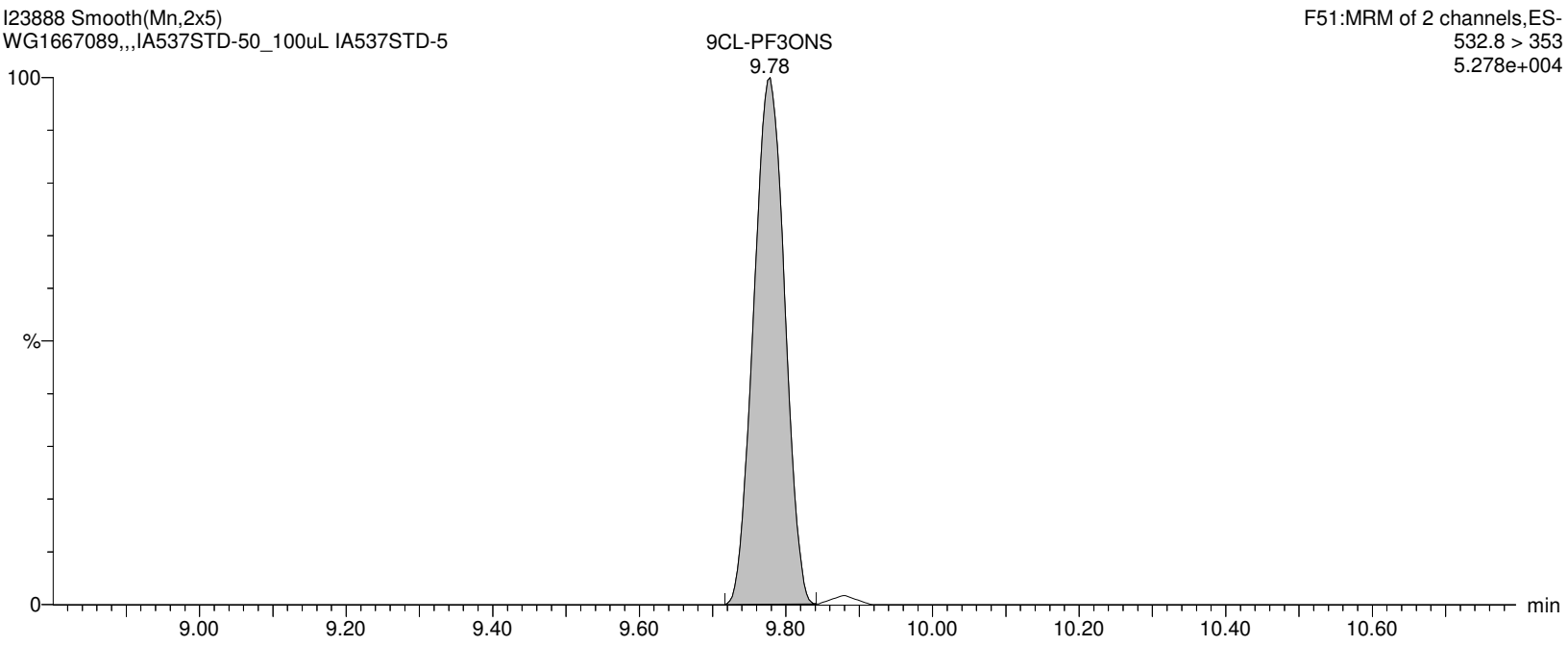
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

9CL-PF3ONS



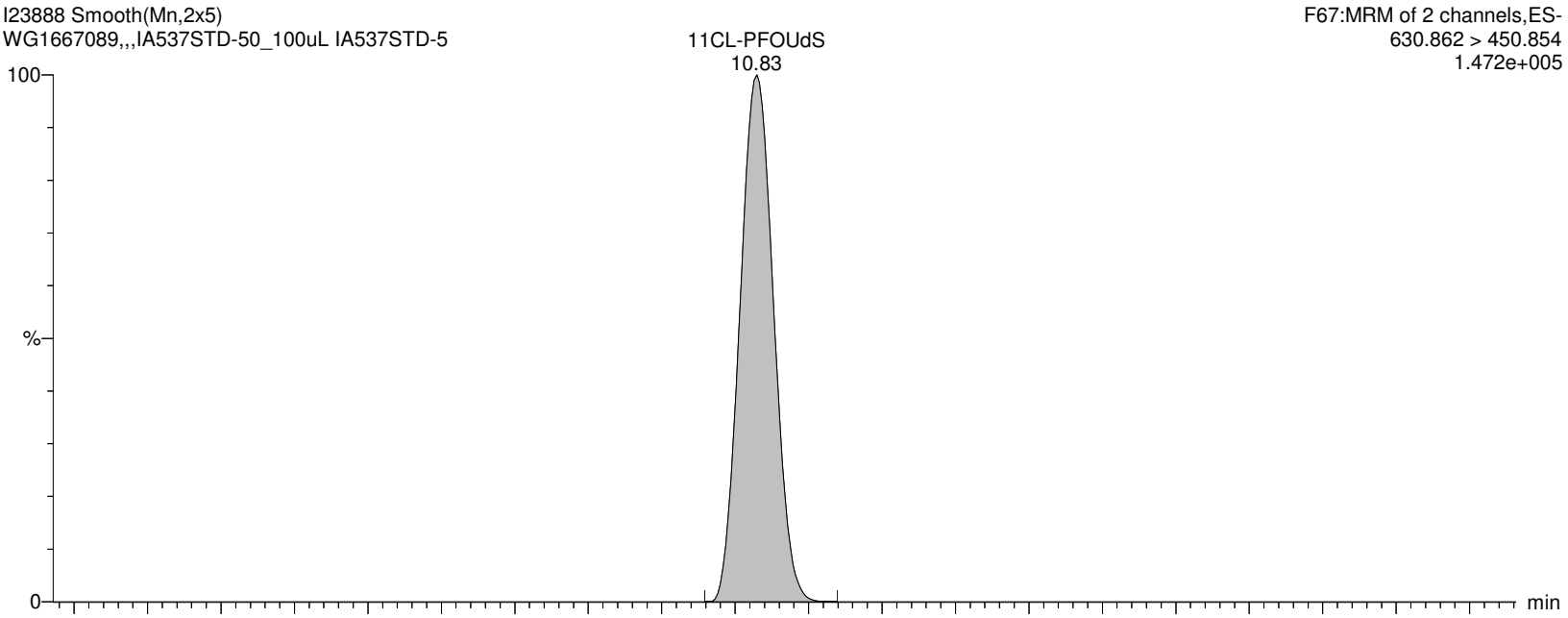


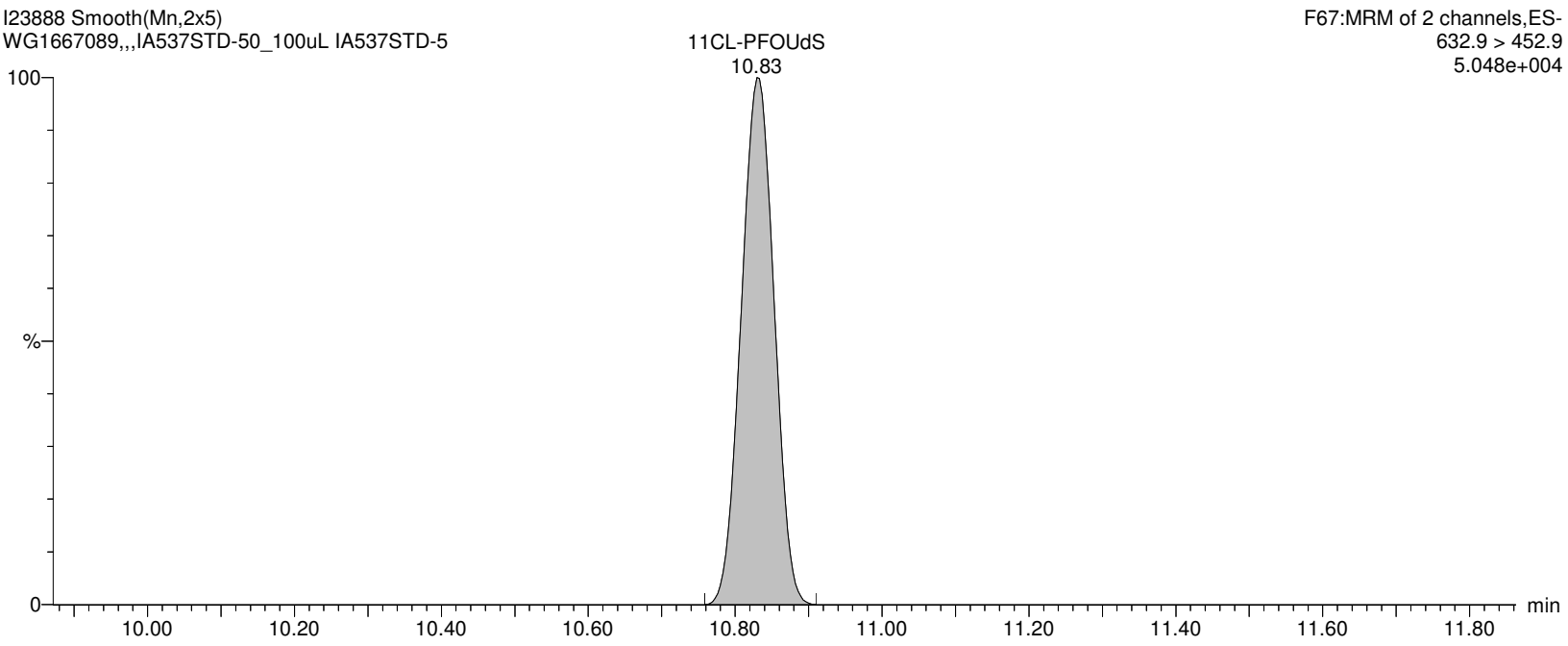
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

11CL-PFOUdS



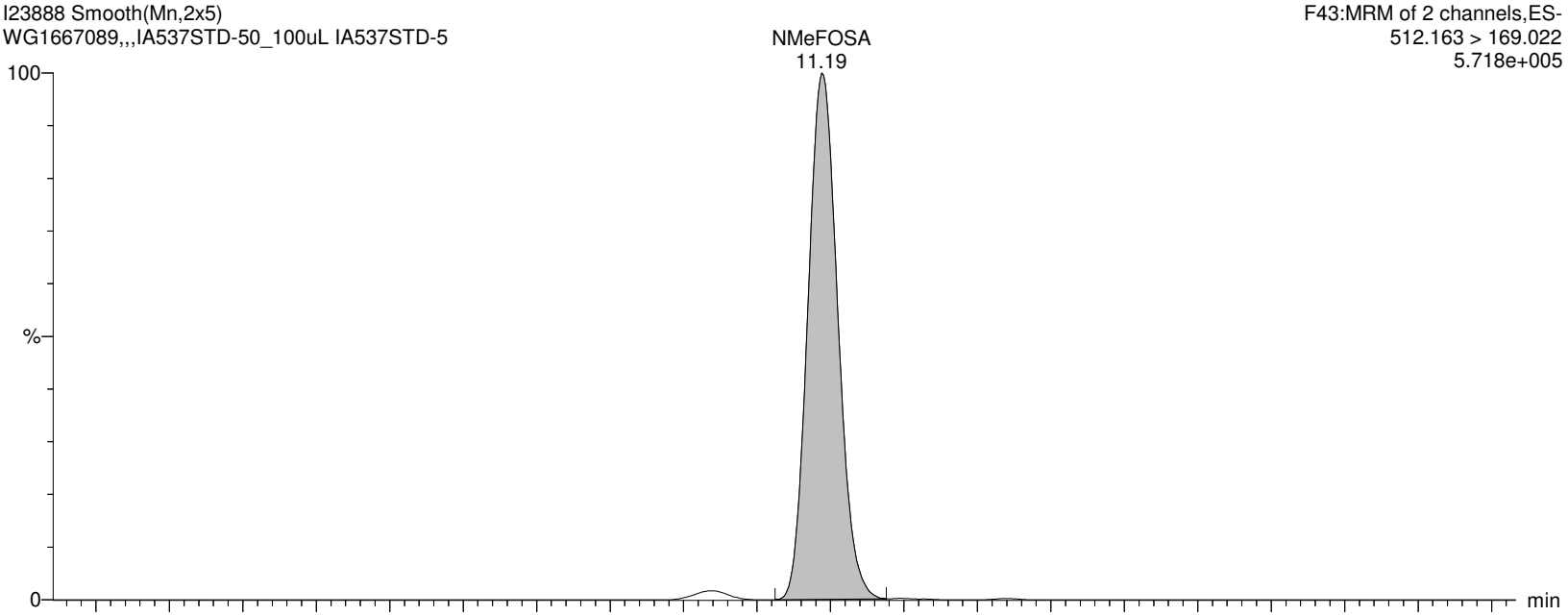


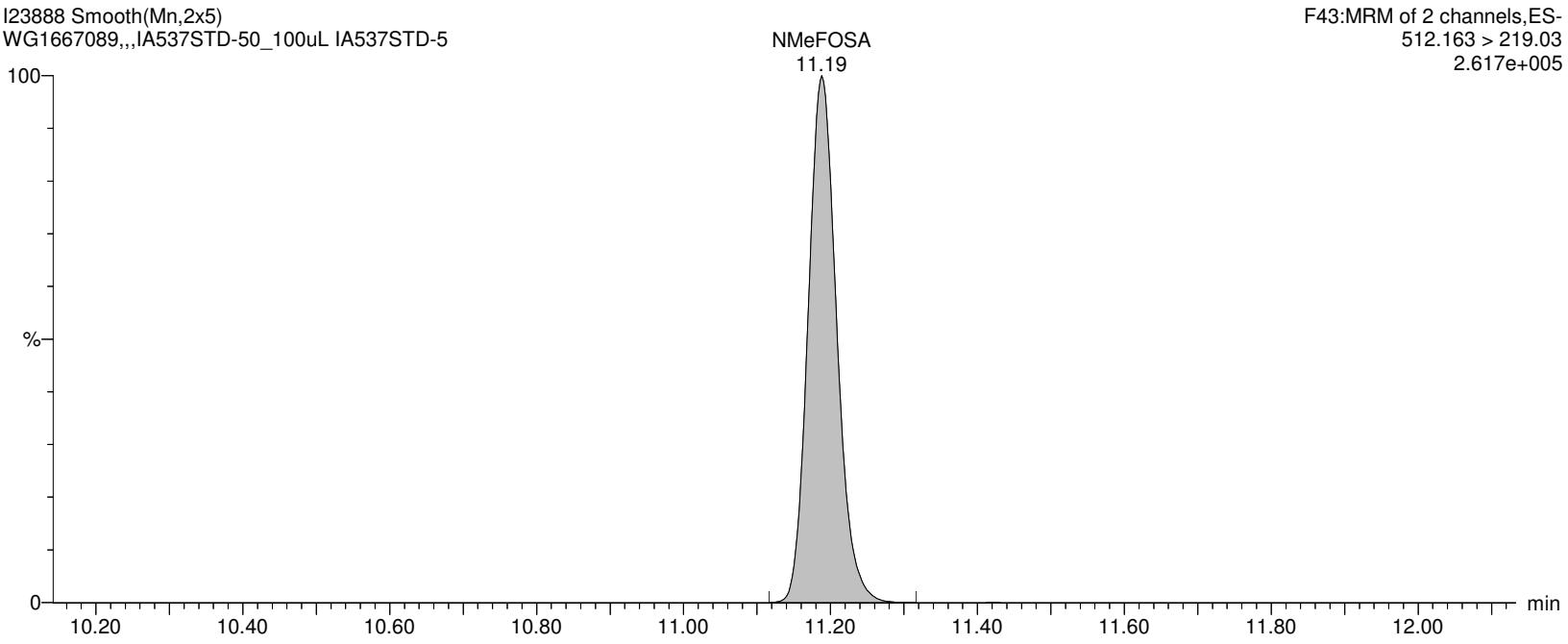
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NMeFOSA



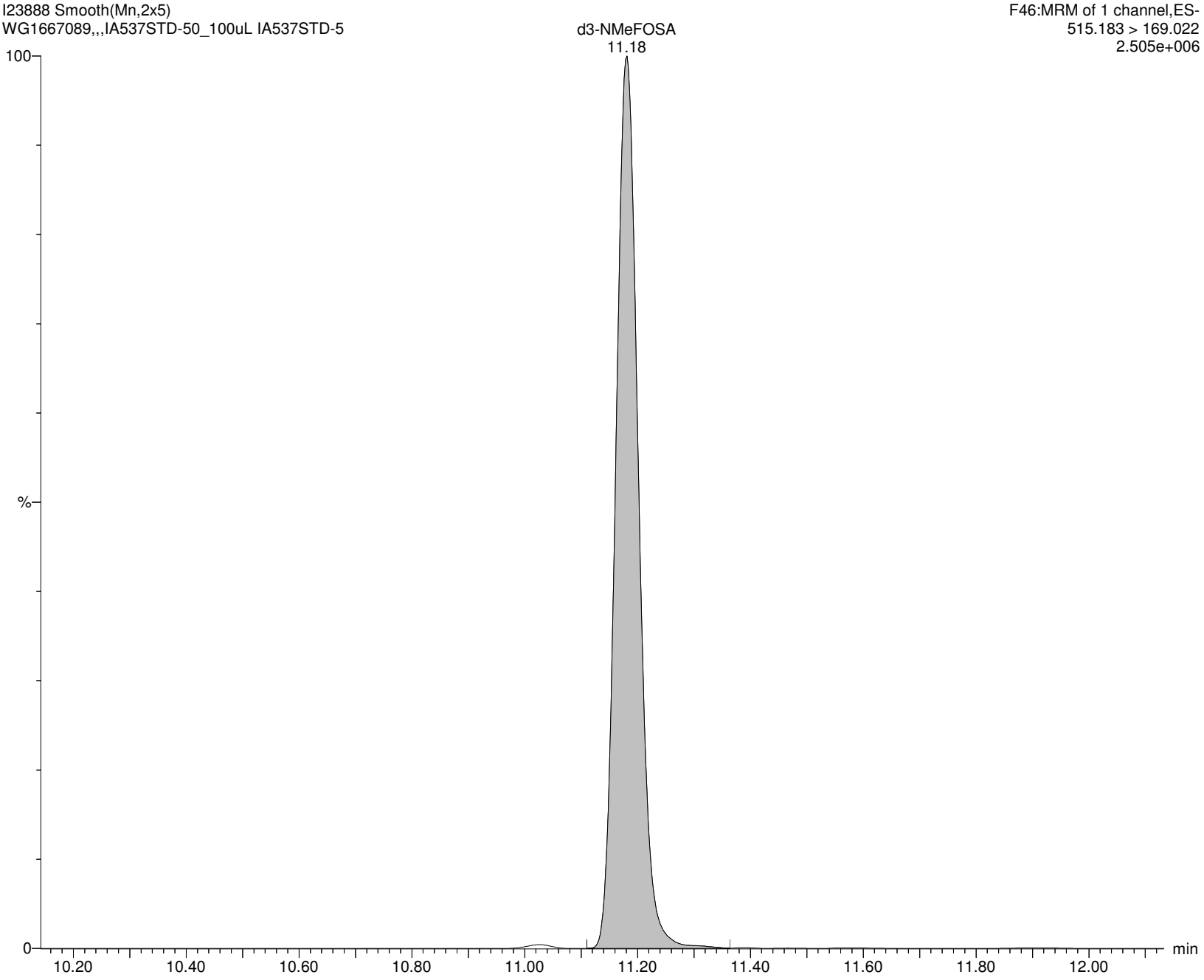


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

d3-NMeFOSA

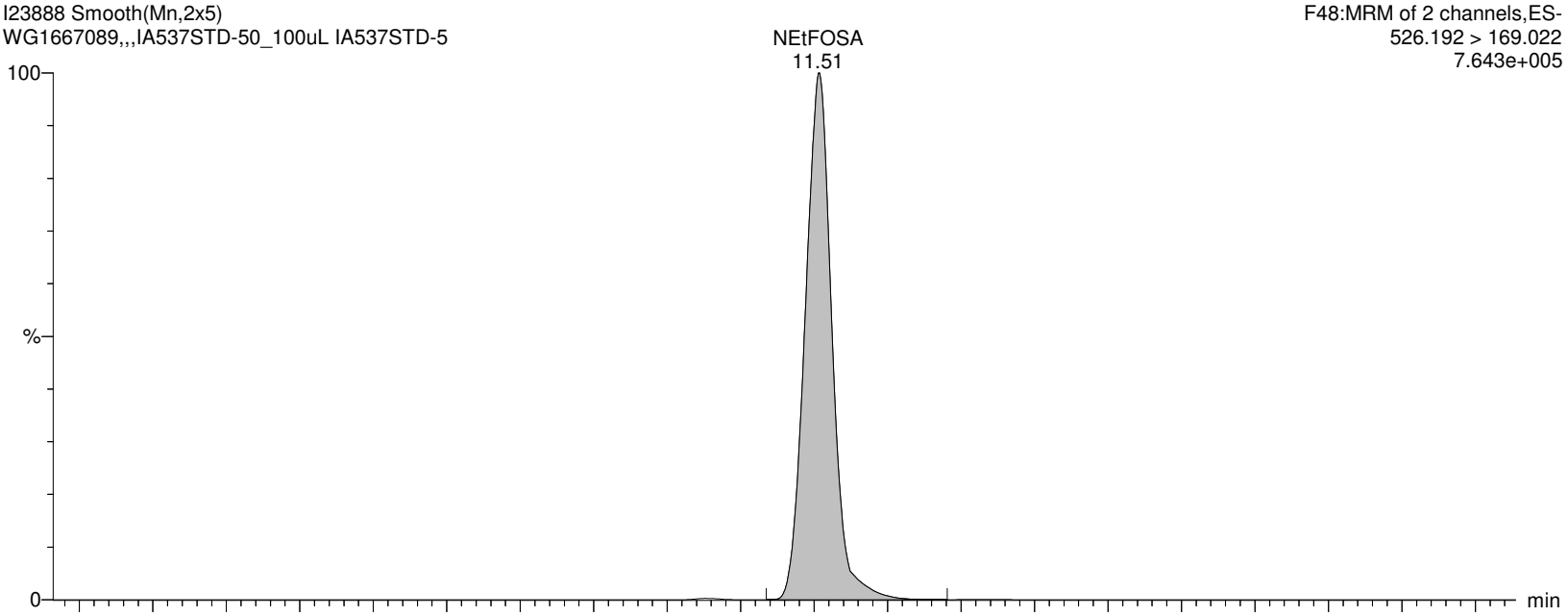


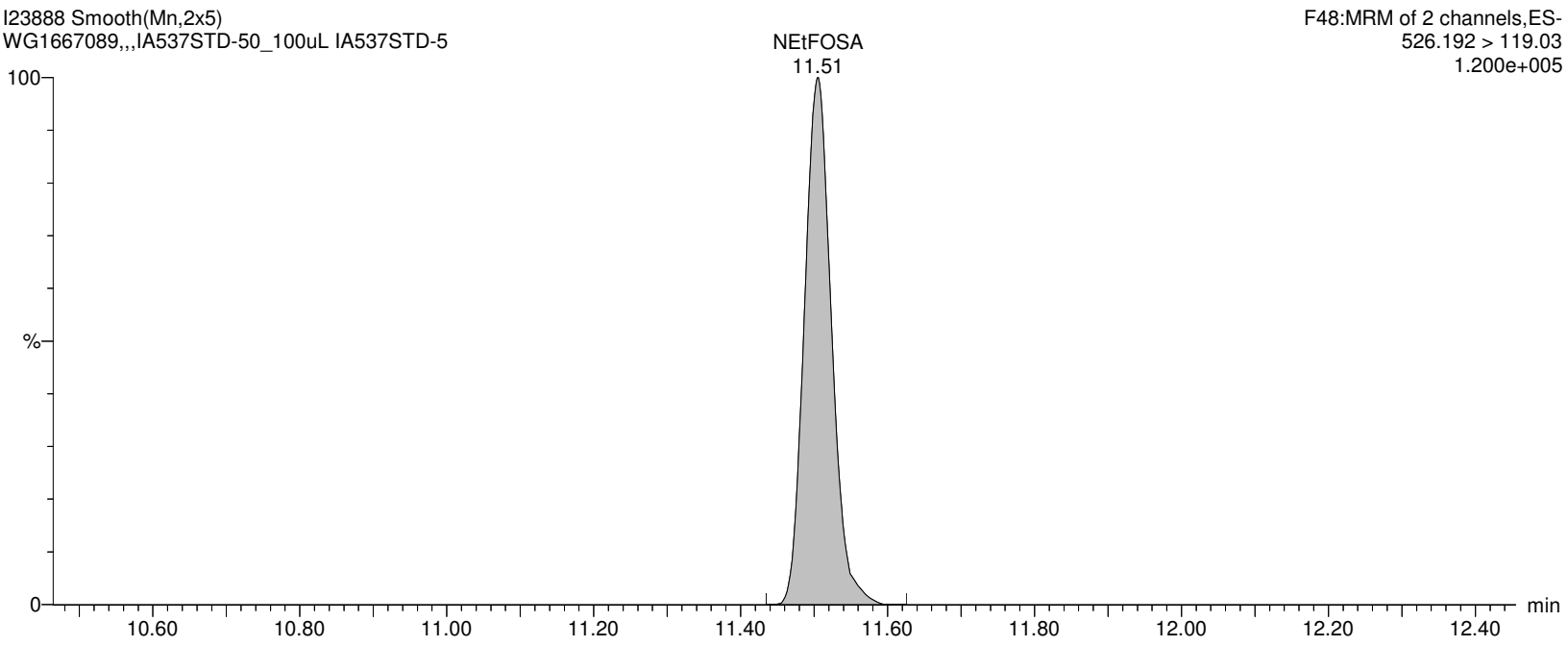
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NEtFOSA



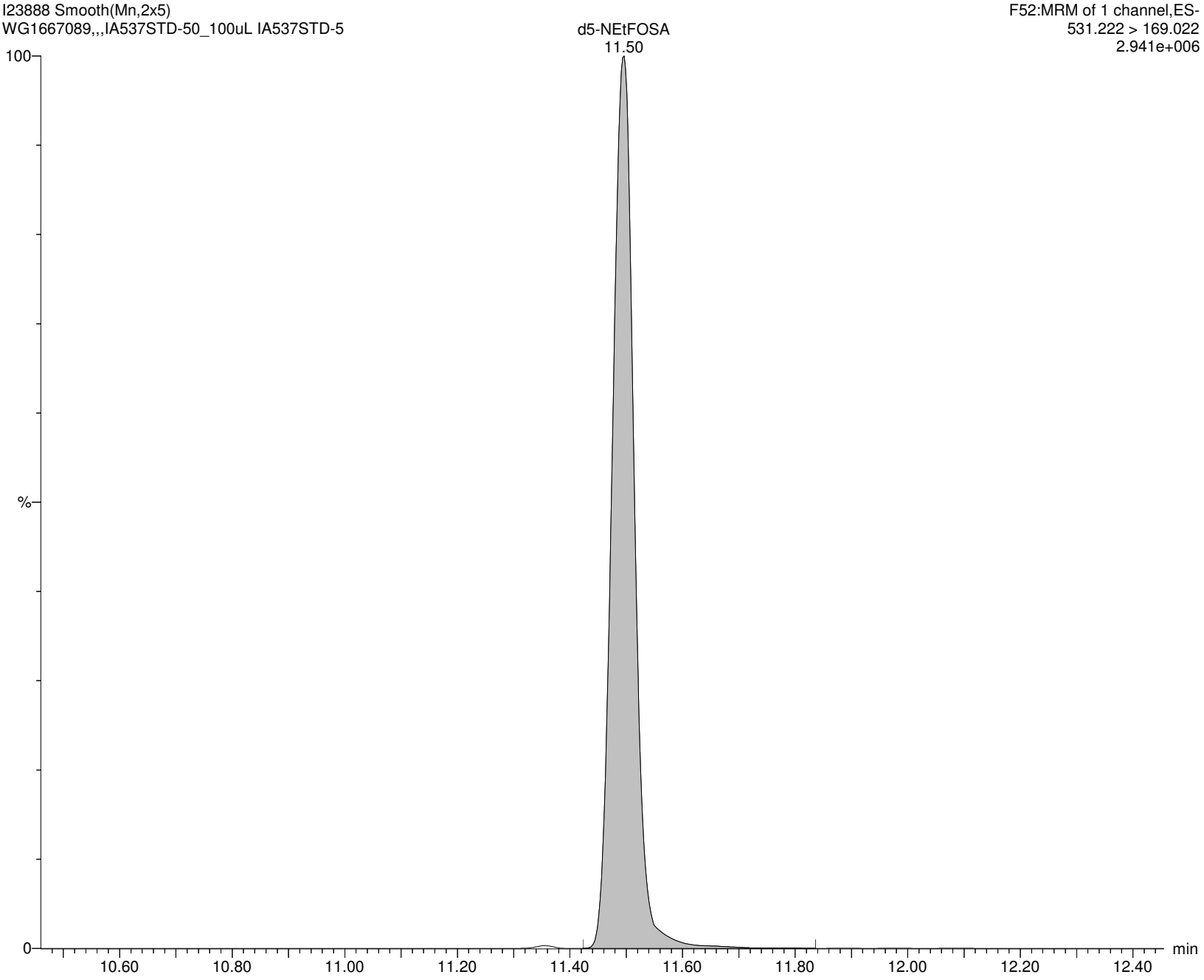


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

d5-NEtFOSA

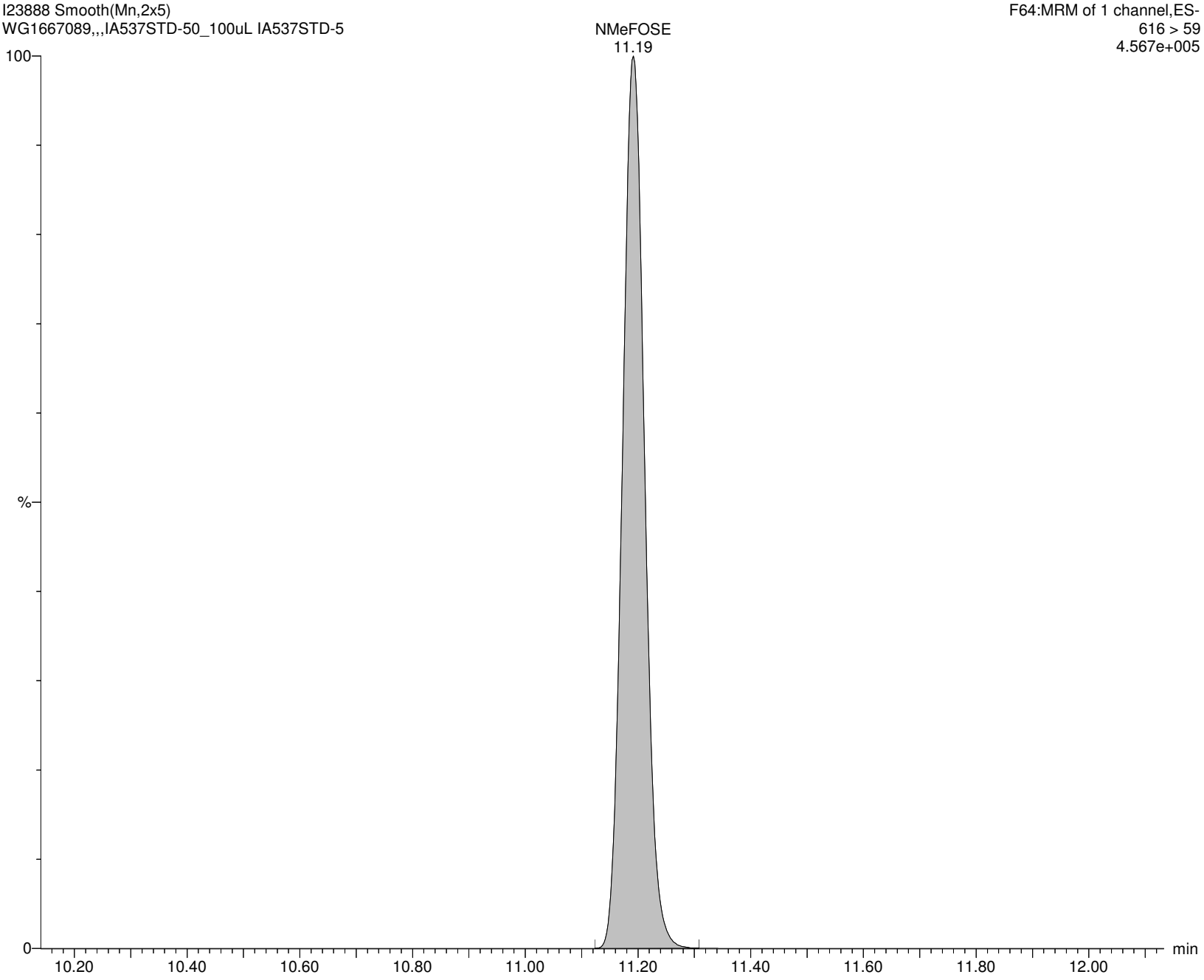


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NMeFOSE

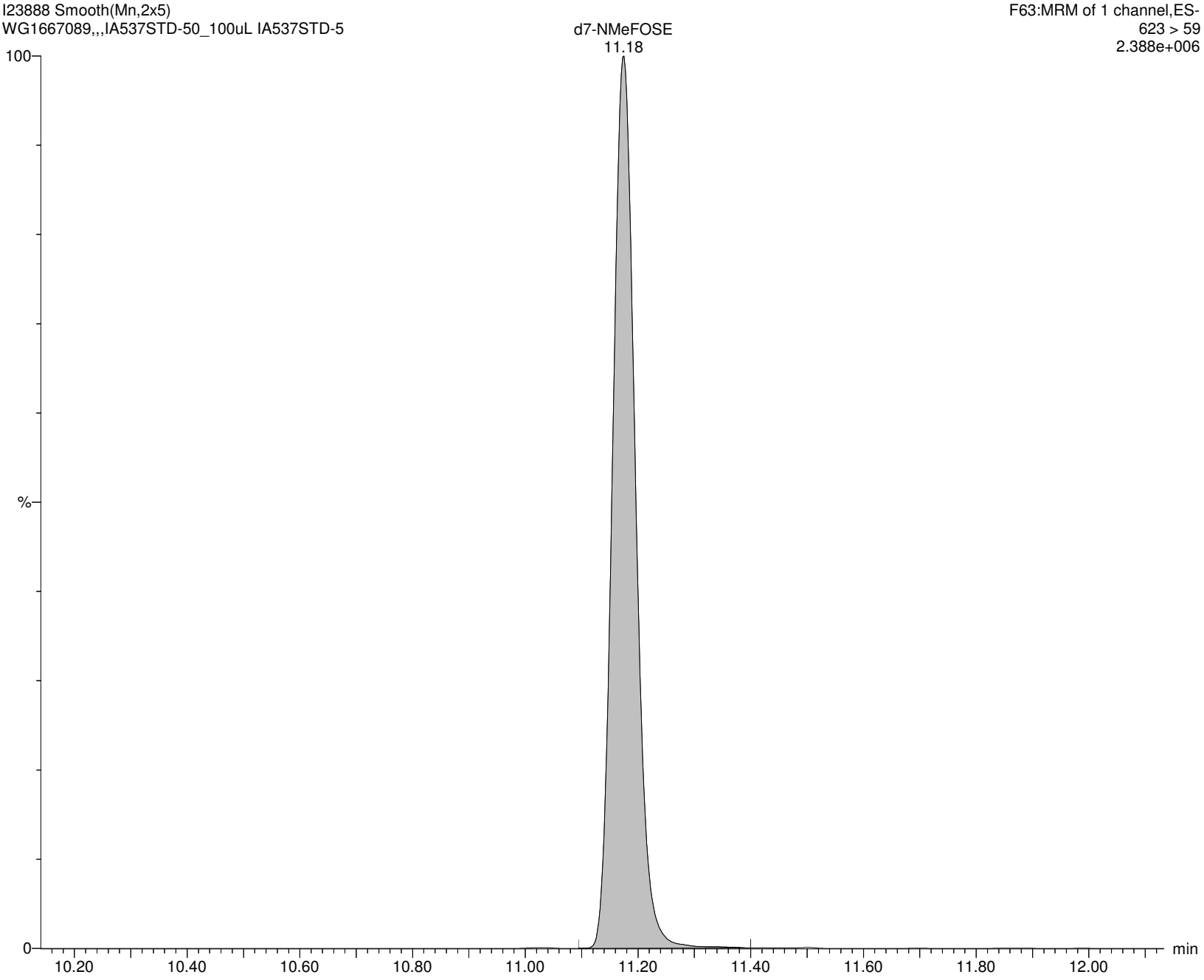


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

d7-NMeFOSE

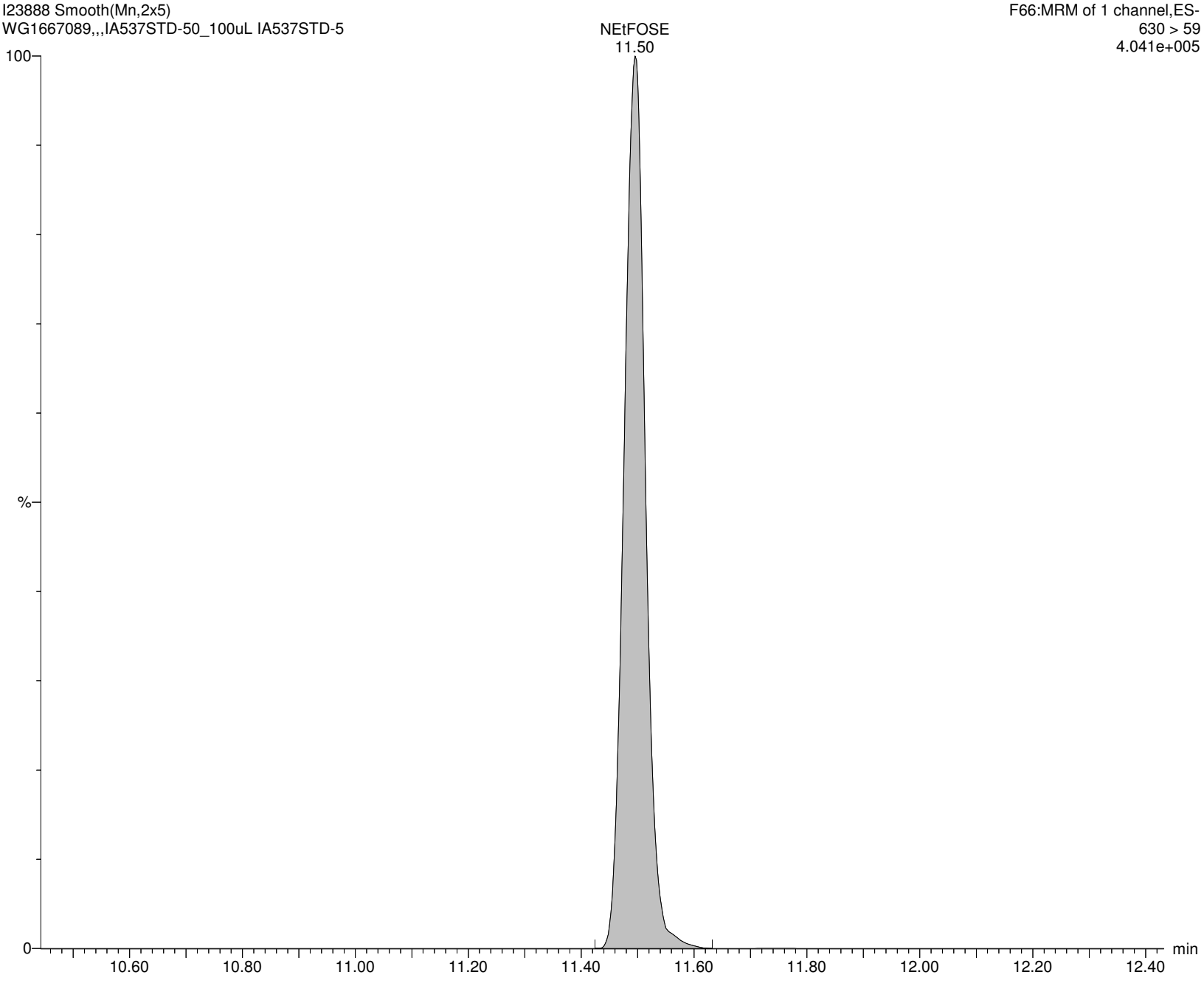


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NEtFOSE

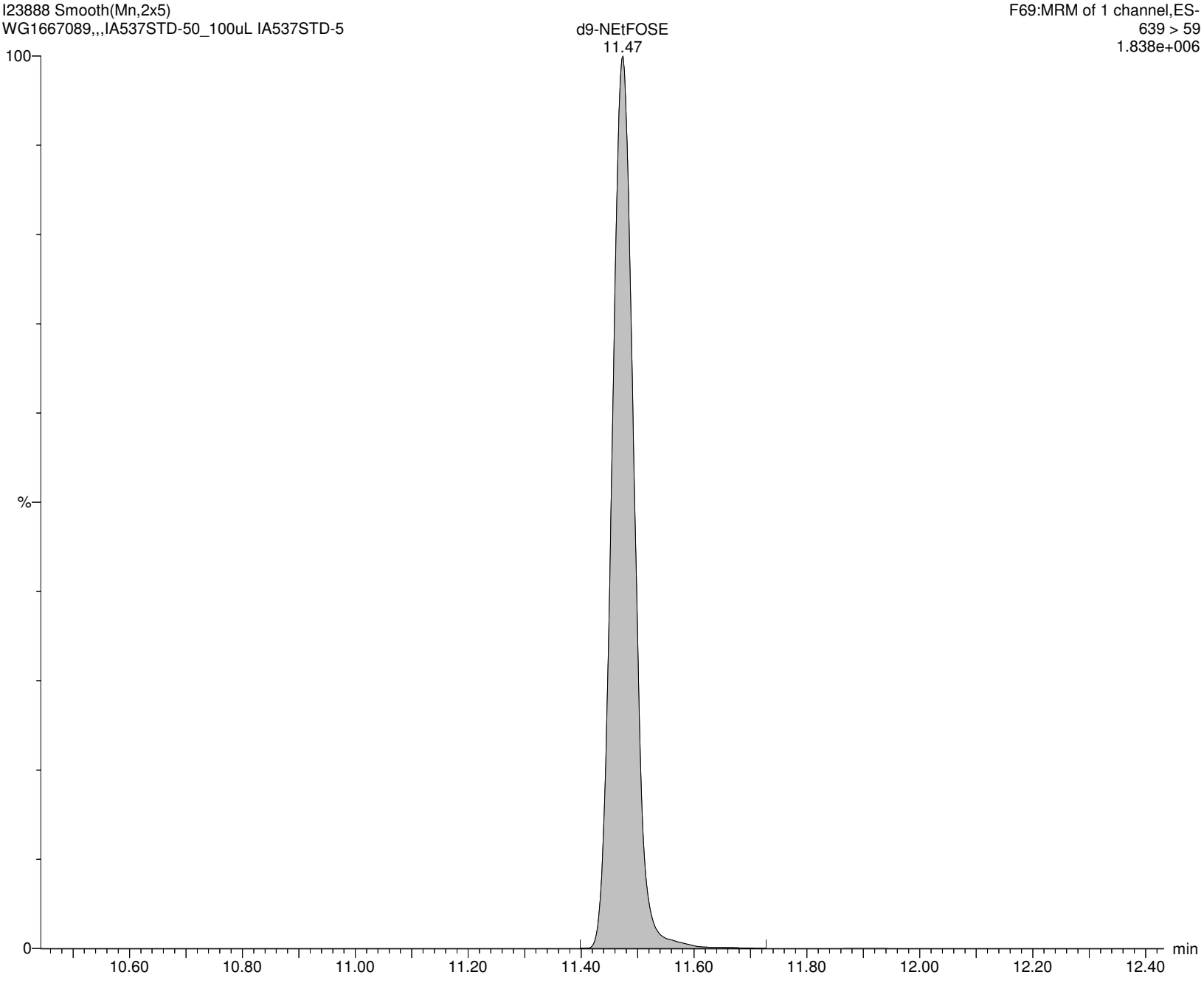


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

d9-NEtFOSE

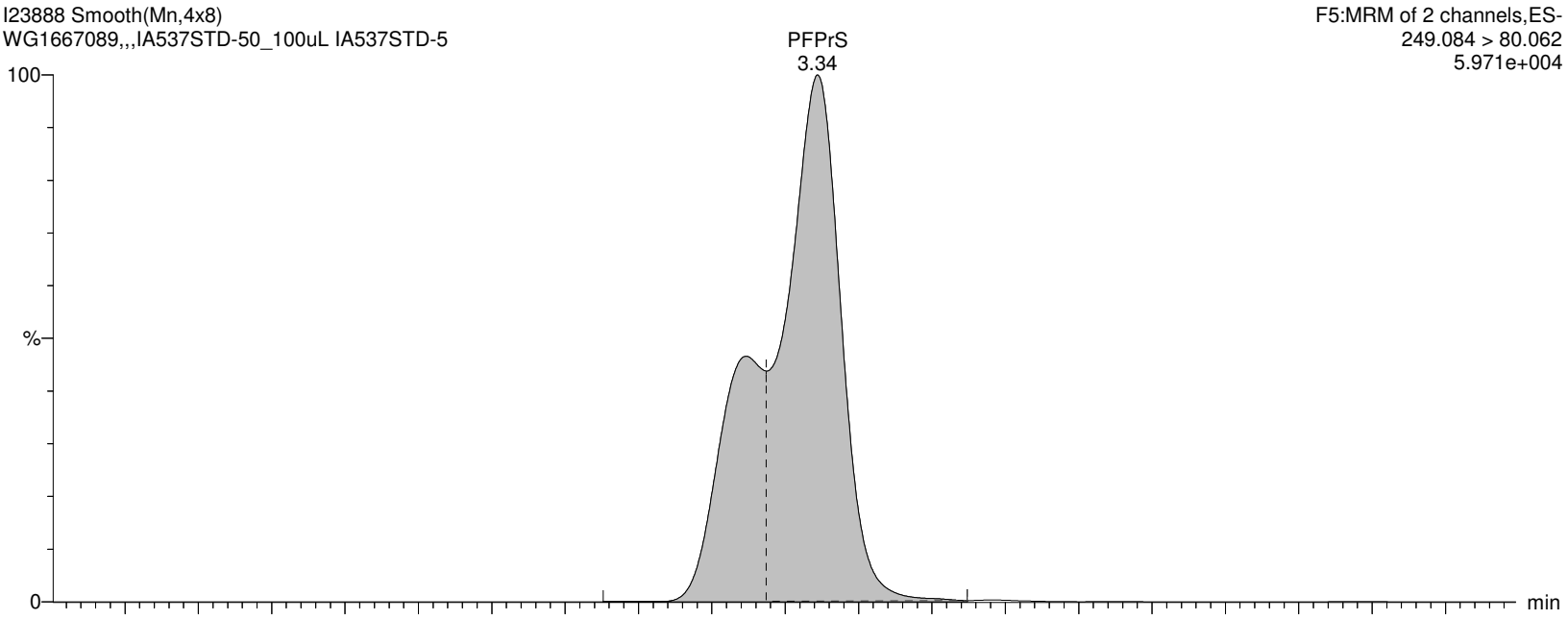


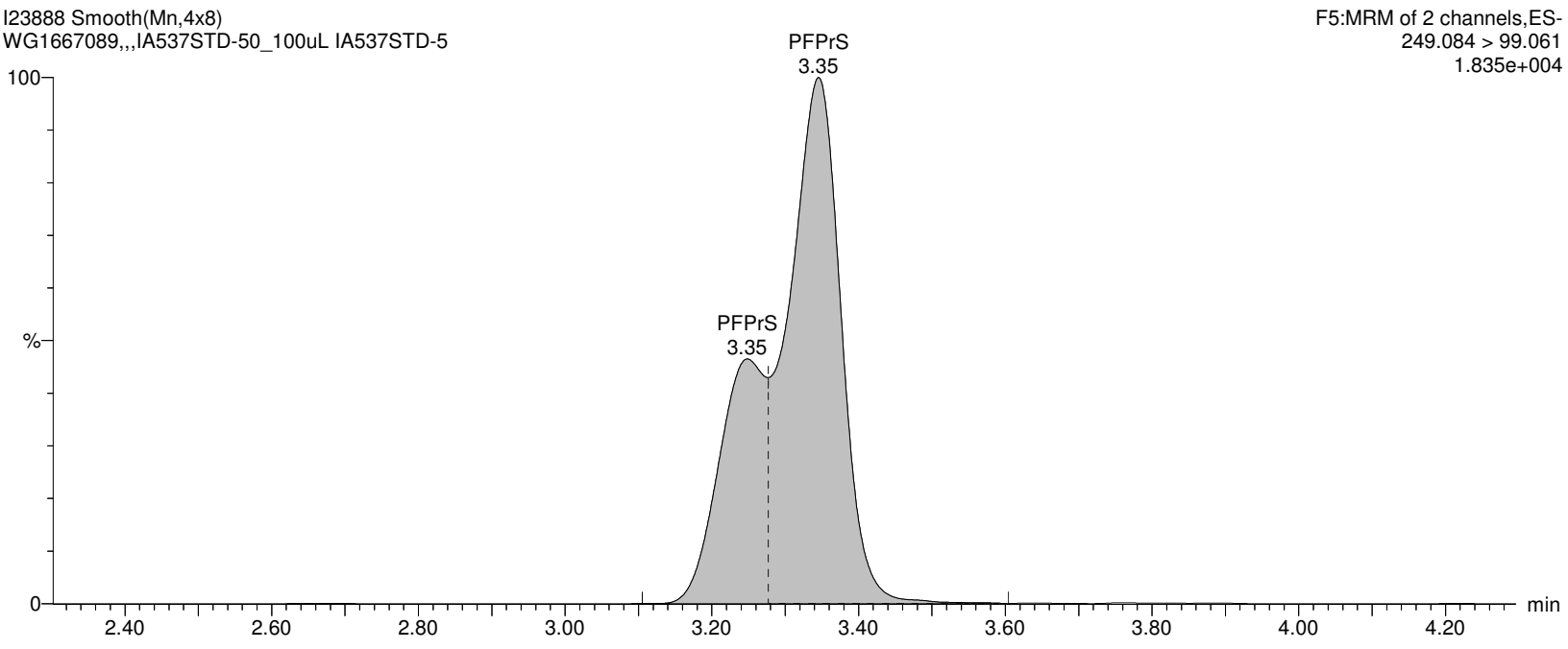
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFPrS



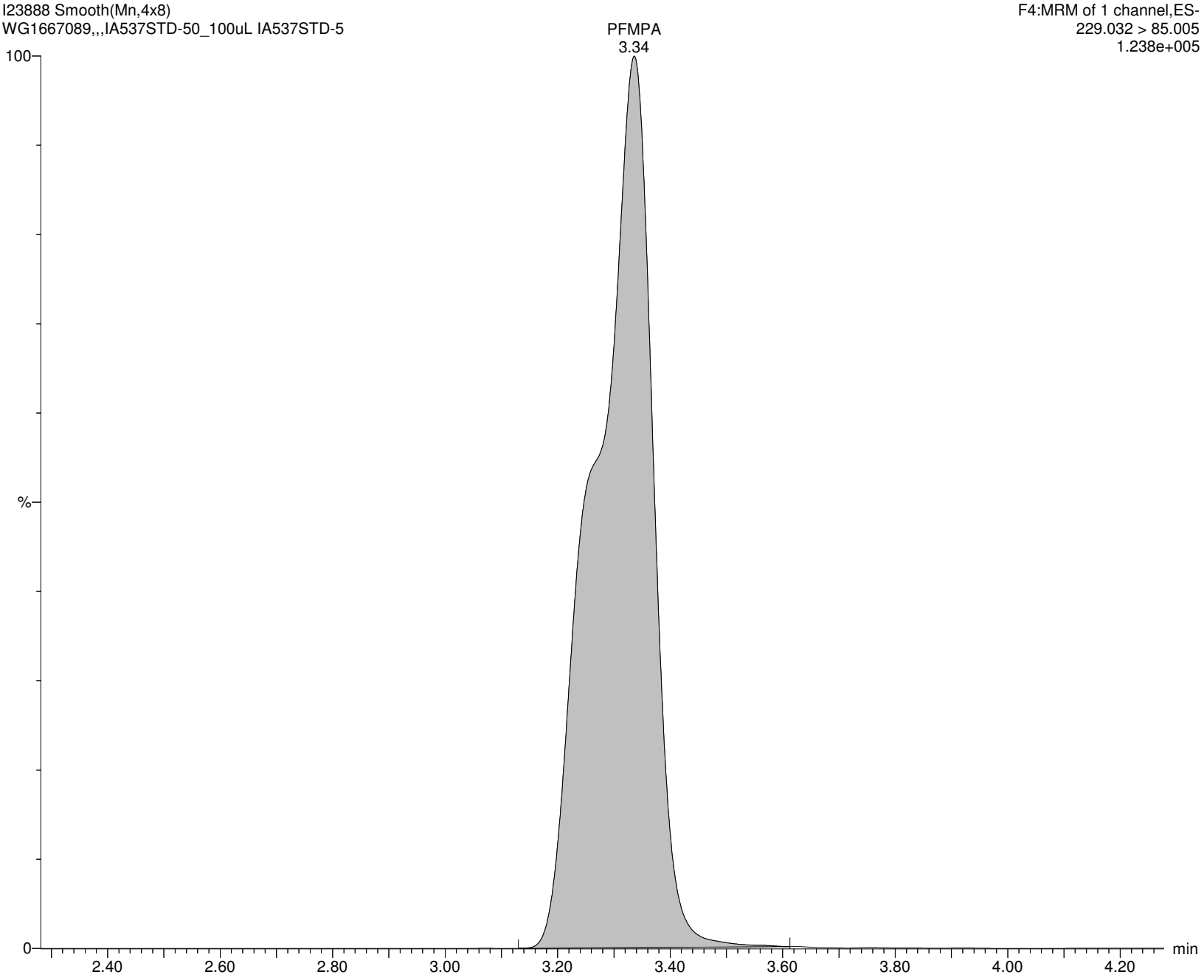


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFMPA

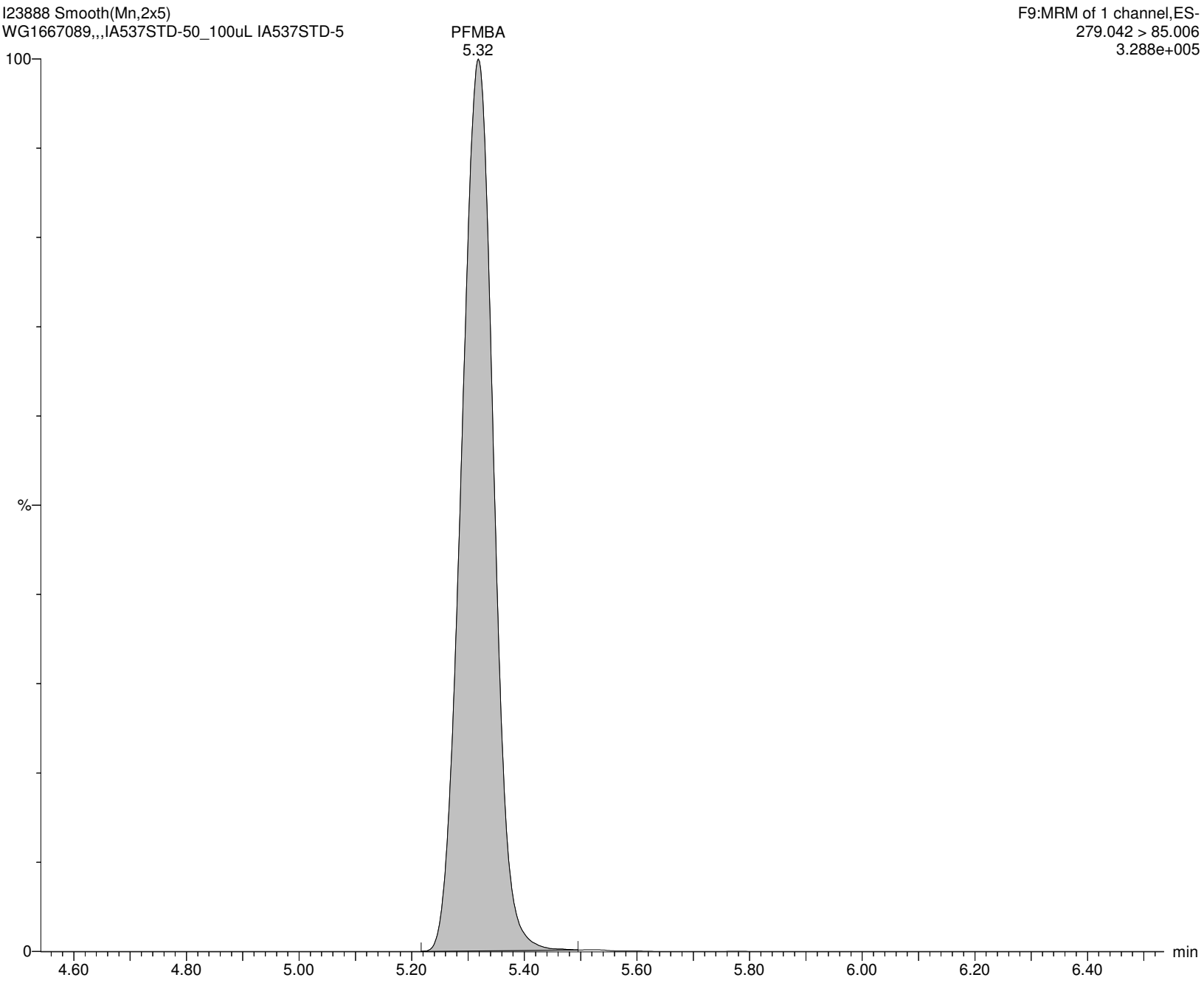


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFMBA

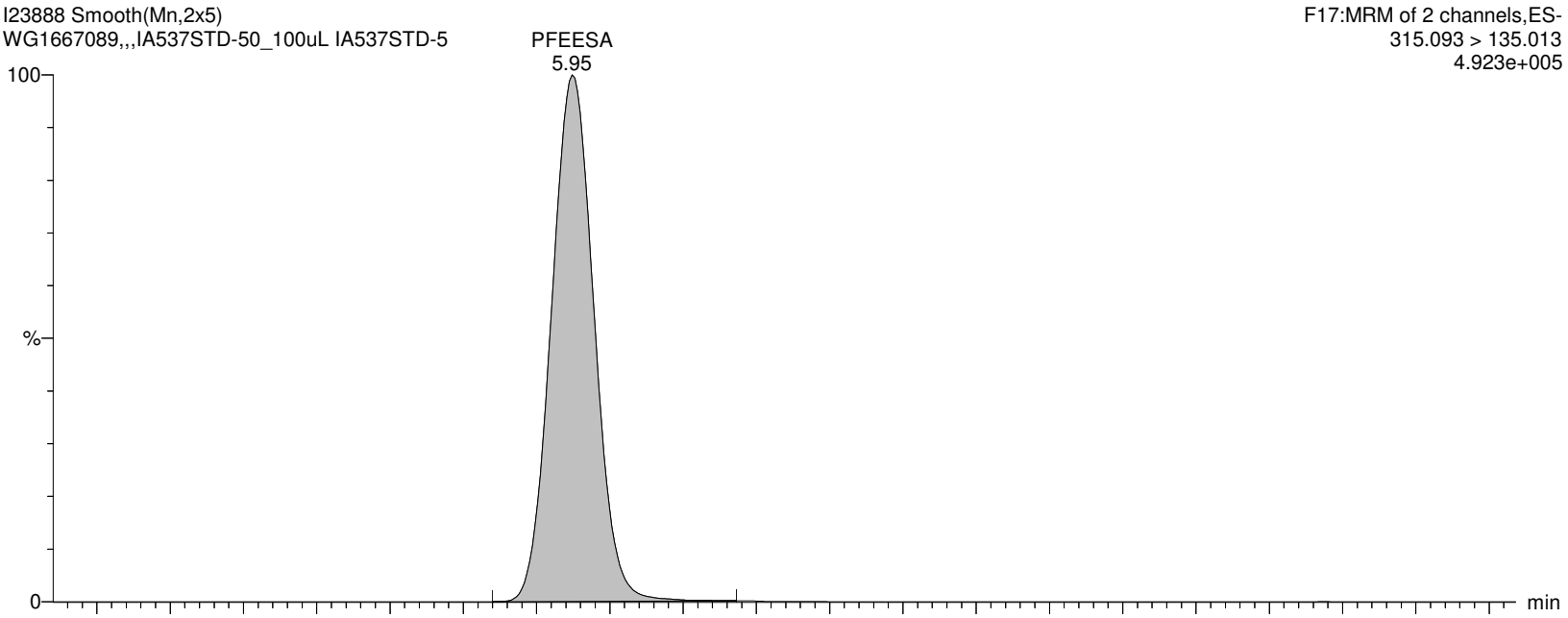


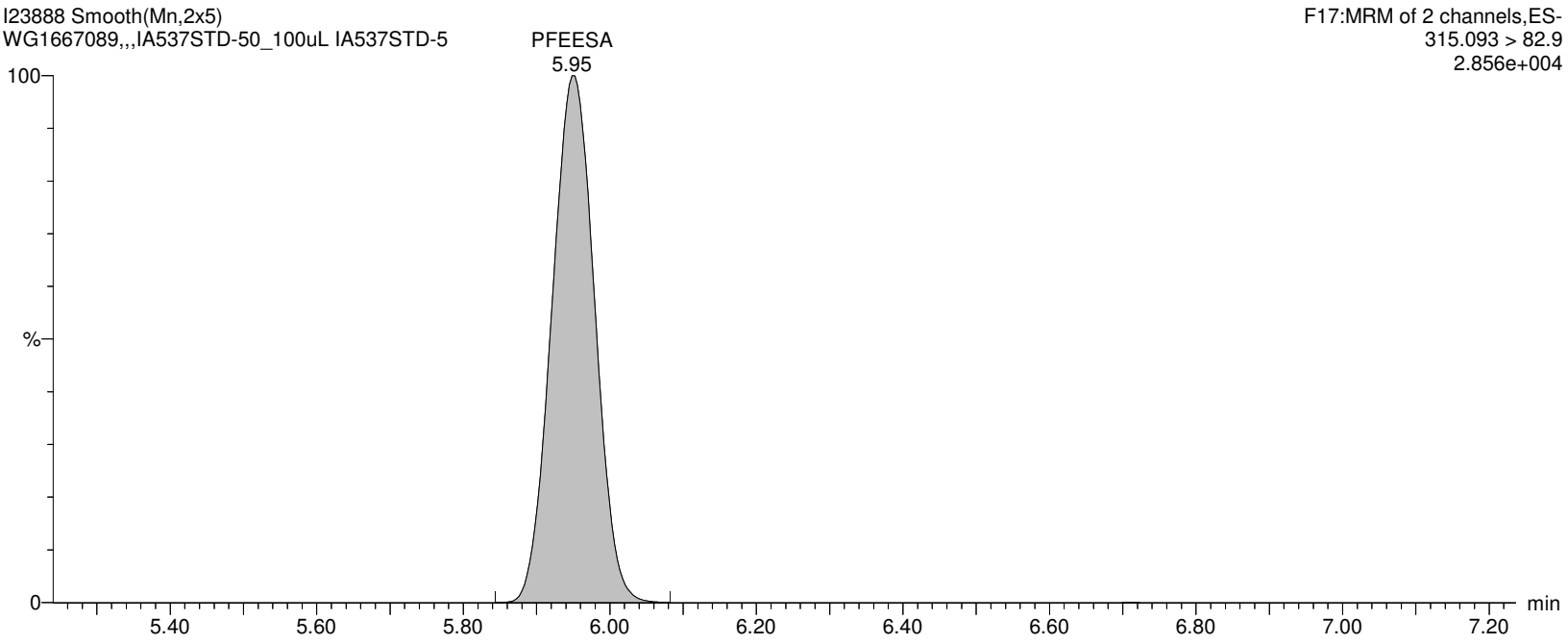
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFEESA



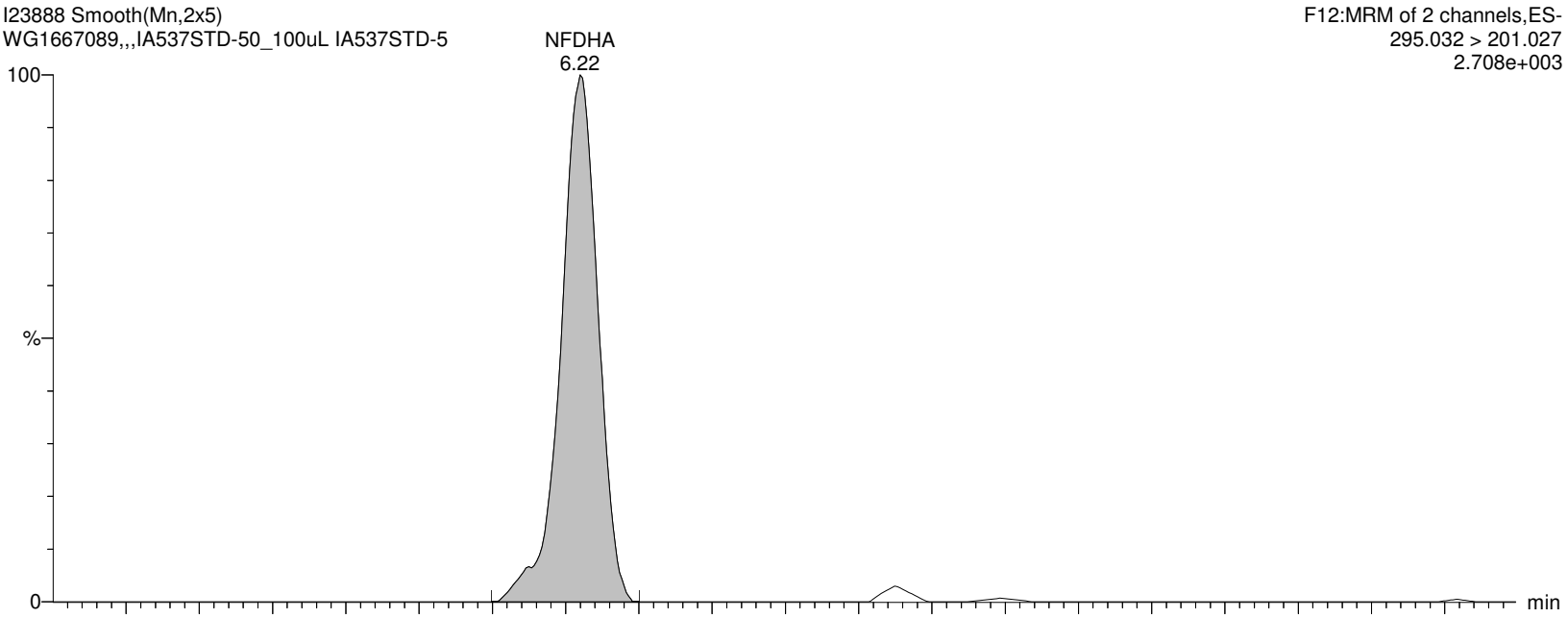


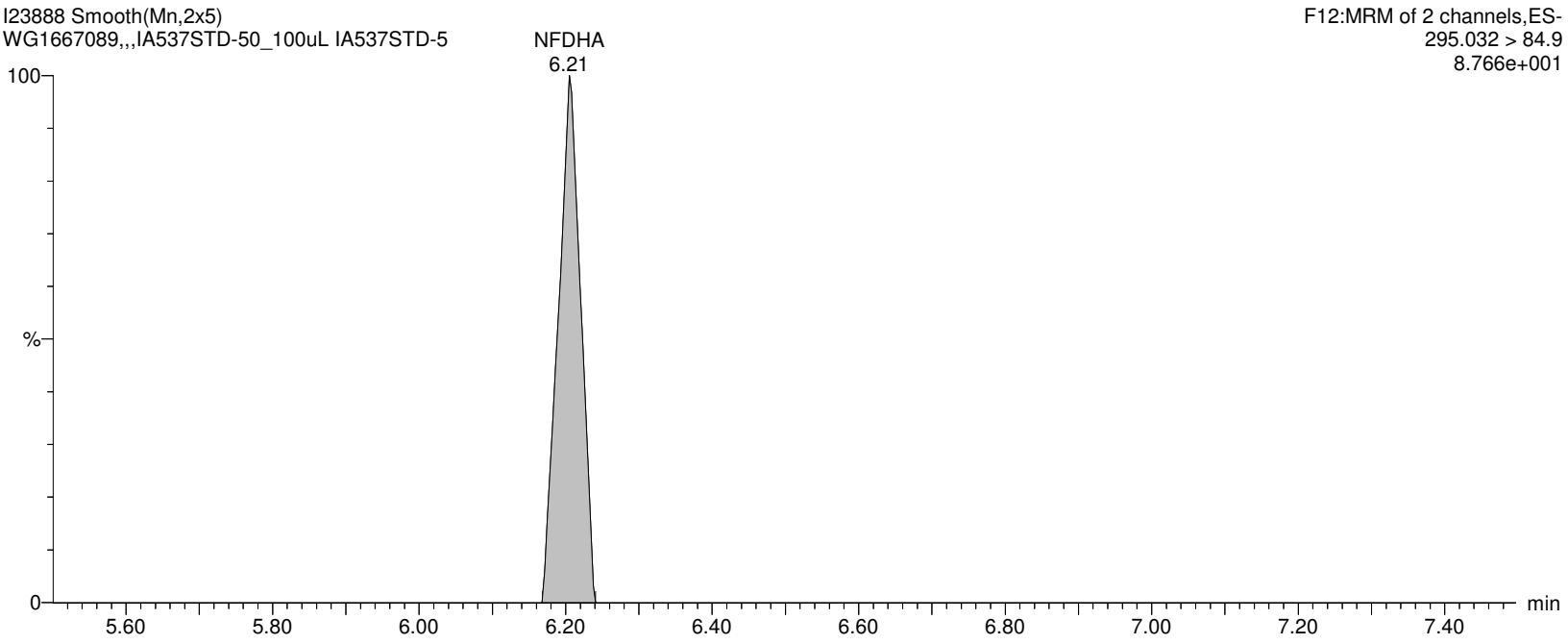
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NFDHA



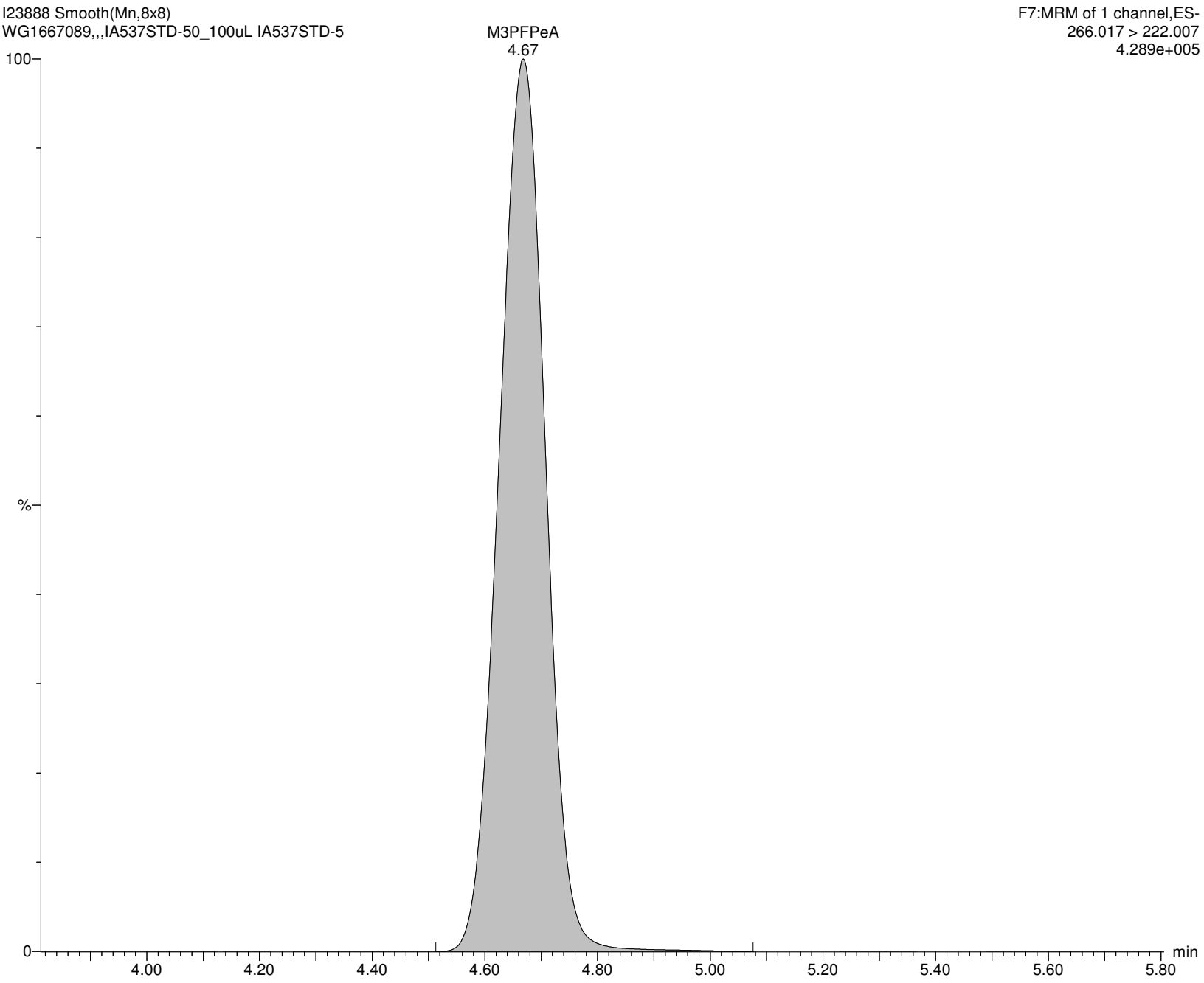


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M3PFPeA

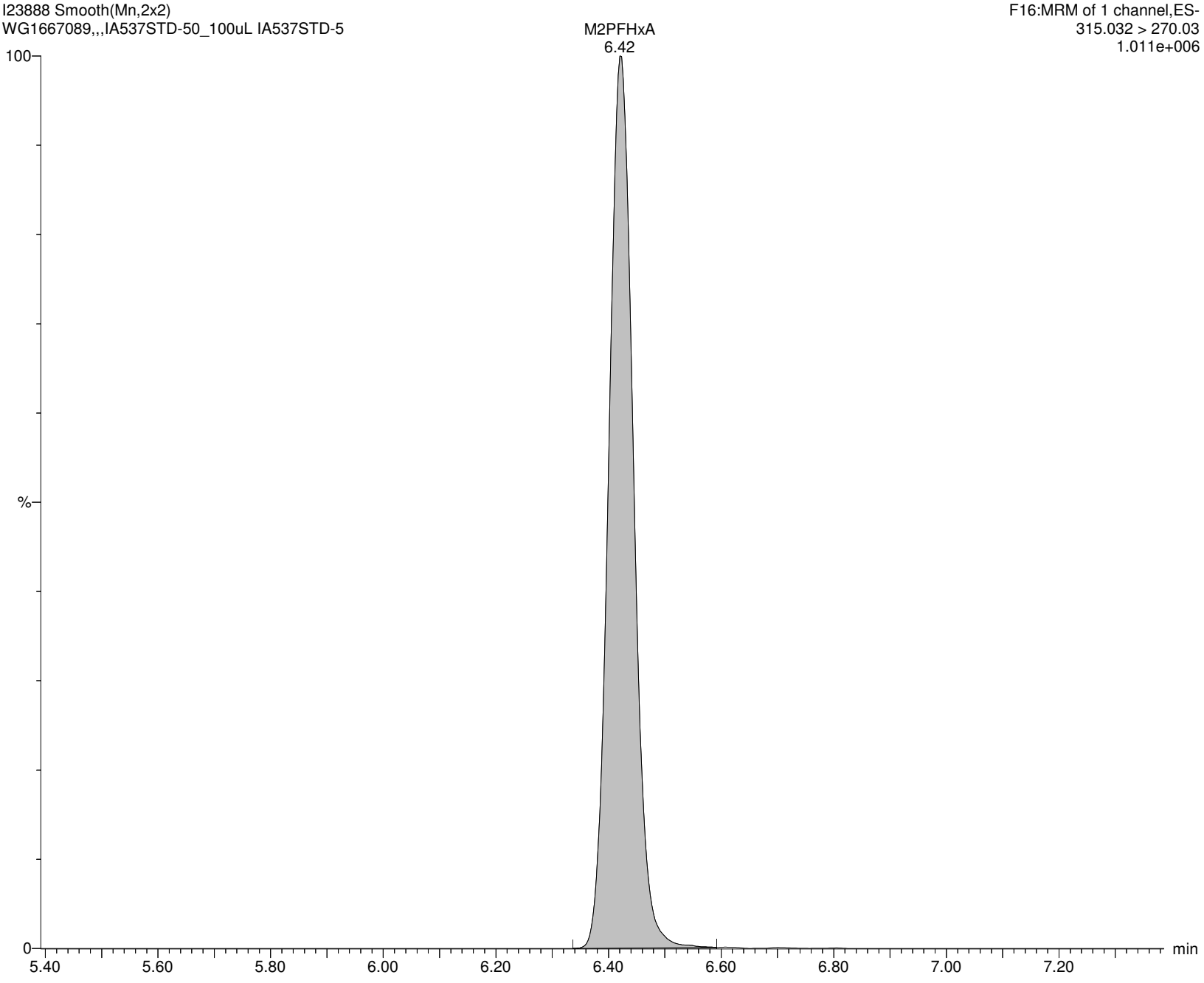


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2PFHxA

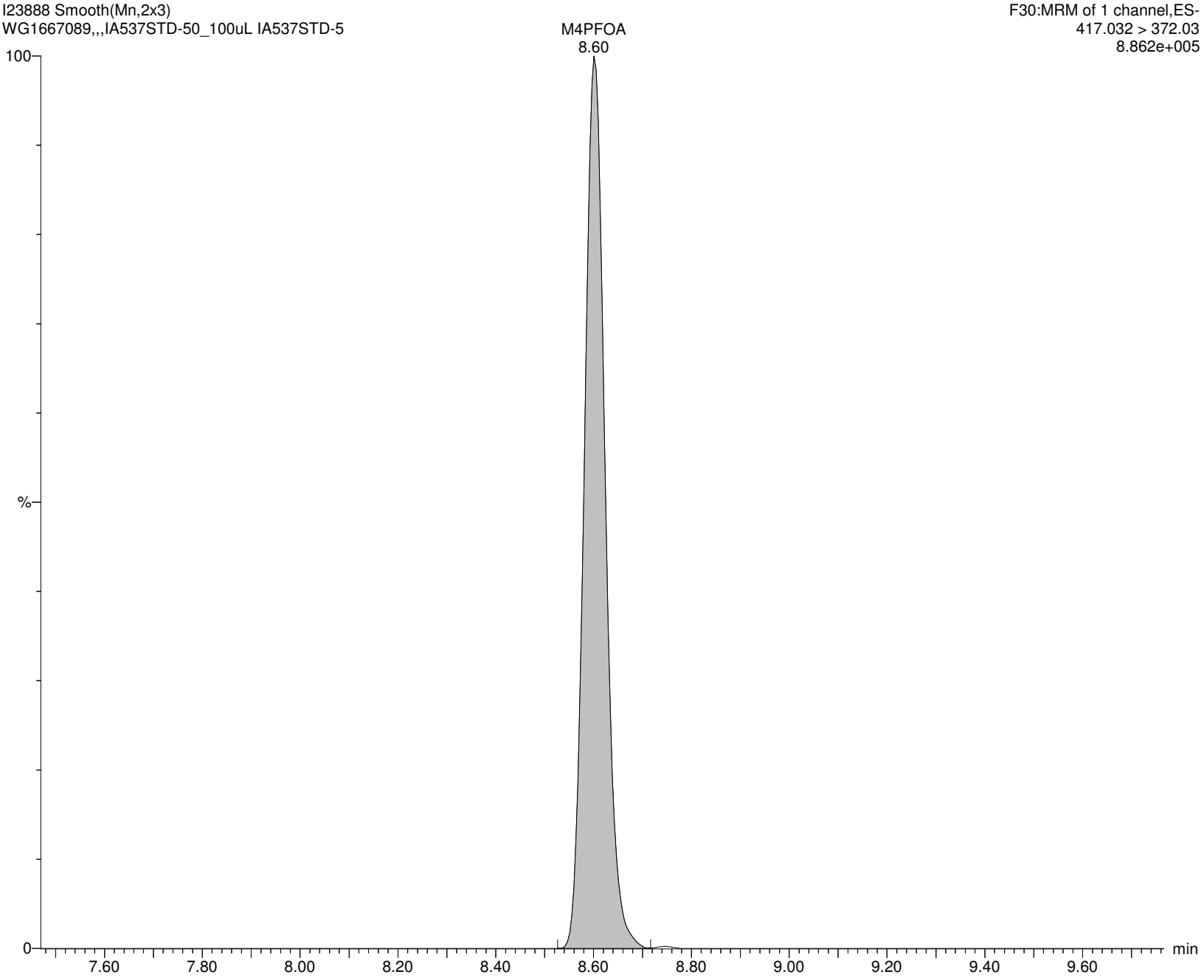


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:21 Eastern Daylight Time

Name: I23888
ID: IA537STD-5
Date: 26-Jul-2022
Time: 00:46:09
Description: WG1667089,,,IA537STD-50_100uL
User: LCMS01:RS
Vial: 1:A,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M4PFOA



all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\MethDB\537ISO_Q_220725.mdb 26 Jul 2022 09:31:55
Calibration: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\CurveDB\220725_ICAL.cdb 26 Jul 2022 09:37:13

ID: IA537STD-10
Name: I23889
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:RS
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.07	213.032 > 169.022	36365		8.839		na	88.4
2	M3PFBA	INT STD	2.09	216.009 > 171.999	38378		10.271		na	102.7
3	MPFBA	INT STD	2.09	217.001 > 171.999	43393		9.958		na	99.6
4	PFPeA	2706-90-3	4.67	263.039 > 219.03	39665		8.842		na	88.4
5	M5PFPEA	INT STD	4.66	268.001 > 222.999	43324		10.096		na	101.0
6	PFBS	375-73-5	5.25	299.092 > 80.062	14476		7.789	2.03	NO	87.8
7	M3PFBS	INT STD	5.25	302.069 > 80.062	15706		9.633		na	103.4
8	4:2FTS	757124-72-4	6.34	327.146 > 307.139	2446		9.257	1.24	NO	98.8
9	M2-4:2FTS	INT STD	6.34	329.13 > 309.124	2901		8.891		na	94.8
10	PFHxA	307-24-4	6.42	313.047 > 269.037	50065		8.912	11.81	NO	89.1
11	M5PFHxA	INT STD	6.42	318.009 > 273.007	54759		10.613		na	106.1
12	PFPeS	2706-91-4	6.72	349.1 > 80.062	15583		8.723	1.72	NO	92.7
13	PFHpA	375-85-9	7.65	363.055 > 319.045	42604		8.829	3.67	NO	88.3
14	M4PFHpA	INT STD	7.65	367.025 > 322.022	46374		10.725		na	107.3
15	br-PFHxS	355-46-4	7.58	399.107 > 80.062	2644	m5,m7	1.740	2.09	NO	92.1
16	L-PFHxS	355-46-4	7.82	399.107 > 80.062	12640		7.655	1.67	NO	94.4
17	PFHxS	355-46-4		399.107 > 80.062	15284		9.395		na	
18	M3PFHxS	INT STD	7.82	402.084 > 80.062	17063		10.049		na	106.0
19	br-PFOA	335-67-1		413.063 > 369.053			ND		YES	
20	L-PFOA	335-67-1	8.59	413.063 > 369.053	41923		8.329	6.58	NO	83.3
21	PFOA	335-67-1		413.063 > 369.053	41923		8.329		na	
22	M8PFOA	INT STD	8.59	421.002 > 376.	44073		10.968		na	109.7
23	M2PFOA	INT STD	8.59	415.048 > 370.045	41459		9.938		na	99.4
24	6:2FTS	27619-97-2	8.55	427.161 > 407.155	2672		8.696	2.07	NO	91.4
25	M2-6:2FTS	INT STD	8.55	429.146 > 409.14	3628		9.317		na	98.0
26	PFHpS	375-92-8	8.69	449.115 > 80.062	16320		9.522	1.79	NO	99.9
27	PFNA	375-95-1	9.36	463.071 > 419.061	41741		8.960	3.61	NO	89.6
28	M9PFNA	INT STD	9.36	472.002 > 427.	40090		10.680		na	106.8
29	br-PFOS	1763-23-1	9.22	499.123 > 80.062	3984	m5,m7	2.137	4.03	NO	101.3
30	L-PFOS	1763-23-1	9.42	499.123 > 80.062	12042		8.339	2.08	NO	105.7
31	PFOS	1763-23-1		499.123 > 80.062	16026		10.476		na	
32	M4PFOS	INT STD	9.42	503.093 > 80.062	15982		10.041		na	100.4
33	M8PFOS	INT STD	9.42	507.062 > 80.062	15253		9.310		na	97.1
34	PFDA	335-76-2	10.00	513.078 > 469.069	26324		9.192	2.22	NO	91.9
35	M2PFDA	INT STD	10.00	515.063 > 470.061	32789		10.693		na	106.9
36	M6PFDA	INT STD	10.00	519.033 > 474.03	27781		9.816		na	98.2
37	8:2FTS	39108-34-4	9.99	527.177 > 507.171	2068		9.670	1.45	NO	100.7
38	M2-8:2FTS	INT STD	9.99	529.162 > 509.155	2747		9.737		na	101.4
39	PFNS	68259-12-1	10.03	549.131 > 80.062	16156		10.816	2.28	NO	112.4

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

ID: IA537STD-10
Name: I23889
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:RS
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.40	573.22 > 419.061	6276		9.487		na	94.9
41	br-NMeFOSAA	2355-31-9	10.24	570.202 > 419.061	298	m5,m7	2.002	0.88	NO	83.4
42	L-NMeFOSAA	2355-31-9	10.41	570.202 > 419.061	2940		7.157	1.91	NO	94.2
43	NMeFOSAA	2355-31-9		570.202 > 419.061	3238		9.159		na	
44	PFUnA	2058-94-8	10.54	563.086 > 519.076	28973		9.404	4.59	NO	94.0
45	M7-PFUDA	INT STD	10.54	570.033 > 525.031	29904		10.466		na	104.7
46	PFDS	335-77-3	10.56	598.926 > 80.062	11494		10.105	1.83	NO	104.7
47	FOSA	754-91-6	10.54	498.146 > 78.07	42749		10.036	70.11	NO	100.4
48	M8FOSA	INT STD	10.54	506.077 > 78.07	44245		9.774		na	97.7
49	d5-NEtFOSAA	INT STD	10.71	589.259 > 419.061	5667		8.351		na	83.5
50	br-NEtFOSAA	2991-50-6	10.56	584.229 > 419.061	363	m5,m7	2.501	0.70	NO	111.1
51	L-NEtFOSAA	2991-50-6	10.71	584.229 > 419.061	2939		8.000	1.20	NO	103.2
52	NEtFOSAA	2991-50-6		584.229 > 419.061	3302		10.501		na	
53	PFDoA	307-55-1	11.03	613.094 > 569.084	30759		9.248	6.36	NO	92.5
54	MPFDOA	INT STD	11.03	615.079 > 570.077	34495		10.224		na	102.2
55	PFTrDA	72629-94-8	11.45	663.102 > 619.092	19055	m4,m7	10.113	5.06	NO	101.1
56	PFTA	376-06-7	11.83	713.11 > 669.1	16437		9.353	9.06	NO	93.5
57	M2PFTEDA	INT STD	11.83	715.094 > 670.092	18753		10.100		na	101.0
58	M3HFPO-DA	INT STD	6.83	287.02 > 169.022	41785		248.081		na	124.0
59	HFPO-DA	13252-13-6	6.83	285.035 > 169.022	19482		87.497	24.83	NO	87.5
60	ADONA	958445-44-8	7.83	377.06 > 251.028	57995		8.521	31.98	NO	90.2
61	PFHxDA		12.45	813.122 > 769.116	22613		9.264	20.82	NO	92.6
62	PFODA		12.77	913.411 > 869.131	5676		10.223	27.23	NO	102.2
63	M2PFHxDA		12.45	815.102 > 770.108	20272		9.990		na	99.9
64	PFDoS		11.44	699.154 > 80.062	13118		10.719	1.82	NO	110.7
65	M2D4-10:2FTS		11.03	633.201 > 612.189	2865		18.665		na	95.2
66	10:2FTS		11.04	627.192 > 607.186	1839	m4,m7	9.135	1.89	NO	94.6
67	9CL-PF3ONS		9.78	530.862 > 350.843	25169		9.497	4.49	NO	101.8
68	11CL-PFOUdS		10.82	630.862 > 450.854	16251		10.904	2.75	NO	115.6
69	NMeFOSA		11.18	512.163 > 169.022	55654		48.545	2.41	NO	97.1
70	d3-NMeFOSA		11.17	515.183 > 169.022	110838		98.446		na	98.4
71	NEtFOSA		11.50	526.192 > 169.022	63743		46.468	6.74	NO	92.9
72	d5-NEtFOSA		11.48	531.222 > 169.022	126526		98.541		na	98.5
73	NMeFOSE		11.18	616 > 59	39873		23.523		na	94.1
74	d7-NMeFOSE		11.17	623 > 59	99359		103.272		na	103.3
75	NEtFOSE		11.48	630 > 59	34999		23.935		na	95.7
76	d9-NEtFOSE		11.46	639 > 59	74762		103.288		na	103.3
77	PFPrS		3.34	249.084 > 80.062	14749	m3,m7	8.659	3.27	NO	94.1
78	PFMPA		3.33	229.032 > 85.005	29618		9.550		na	95.5
79	PFMBA		5.31	279.042 > 85.006	44242		9.397		na	94.0
80	PFEESA		5.95	315.093 > 135.013	66962		8.109	18.46	NO	91.1
81	NFDHA		6.20	295.032 > 201.027	226	m7	9.388	41.15	NO	93.9
82	M3PFPeA		4.66	266.017 > 222.007	40497		10.007		na	100.1

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

ID: IA537STD-10
Name: I23889
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:RS
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
83	M2PFHxA		6.42	315.032 > 270.03	49935		10.284		na	102.8
84	M4PFOA		8.59	417.032 > 372.03	41970		10.540		na	105.4

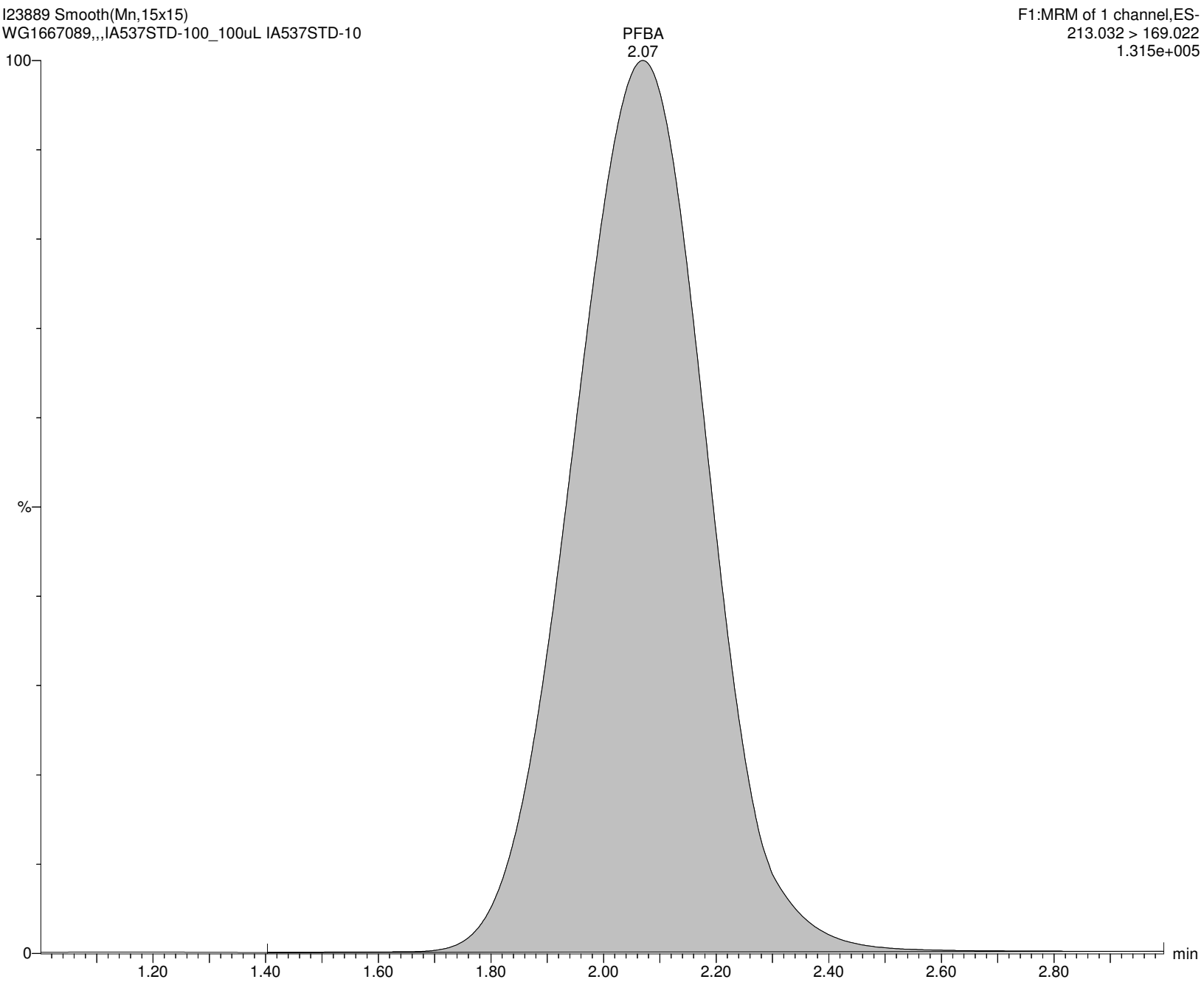
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\MethDB\537ISO_Q_220725.mdb 26 Jul 2022 09:31:55
Calibration: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\CurveDB\220725_ICAL.cdb 26 Jul 2022 09:37:13

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFBA

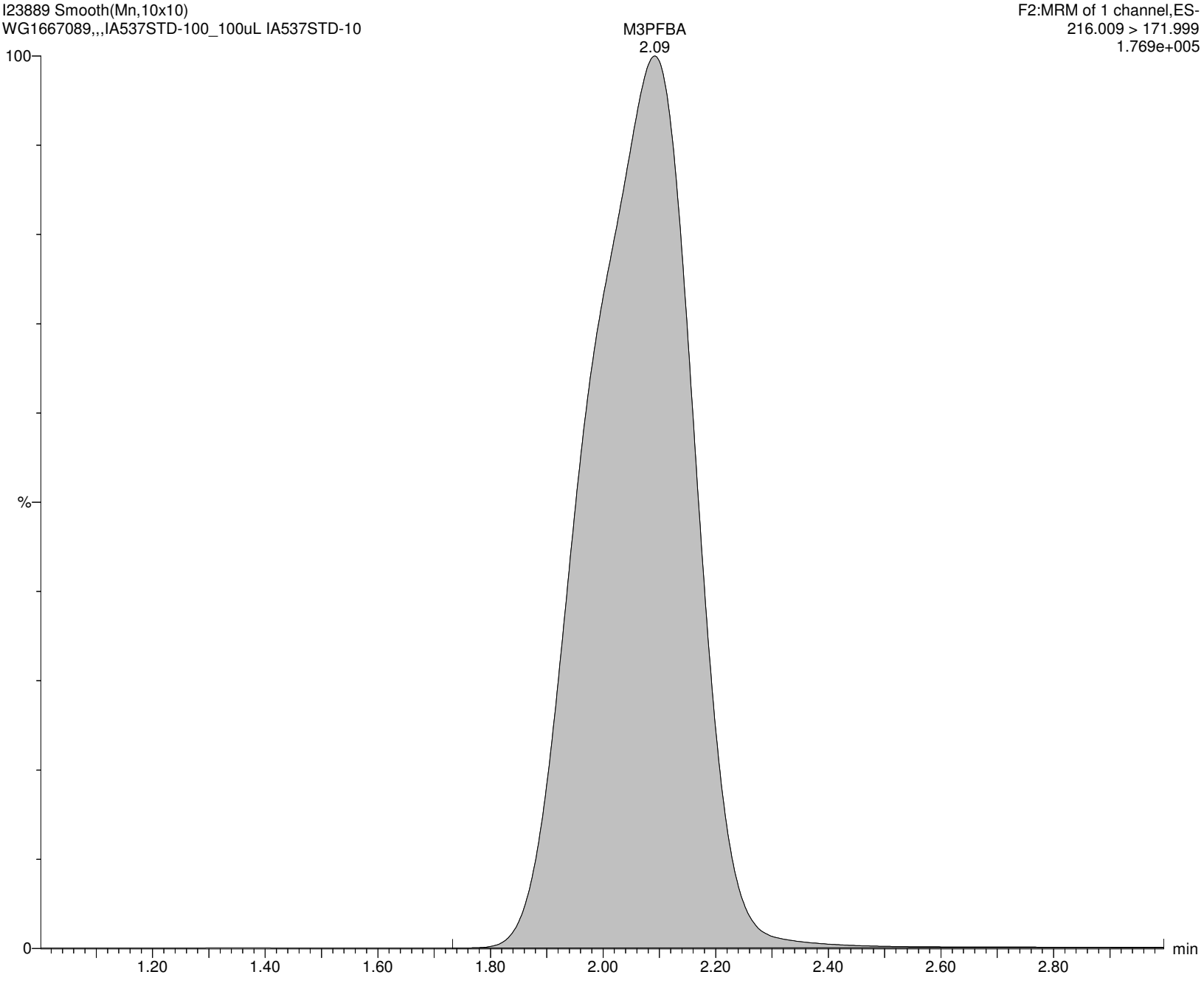


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M3PFBA

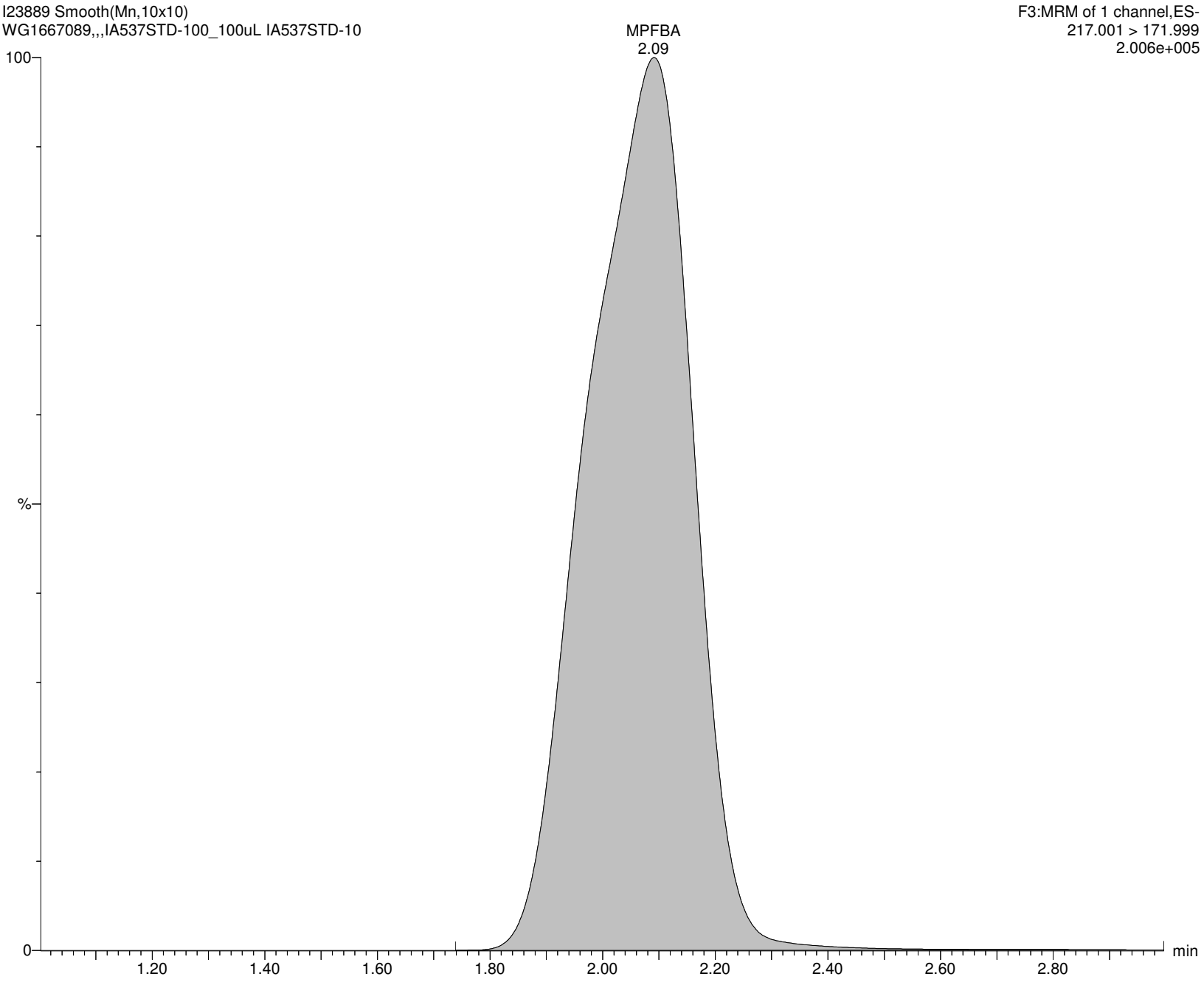


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

MPFBA

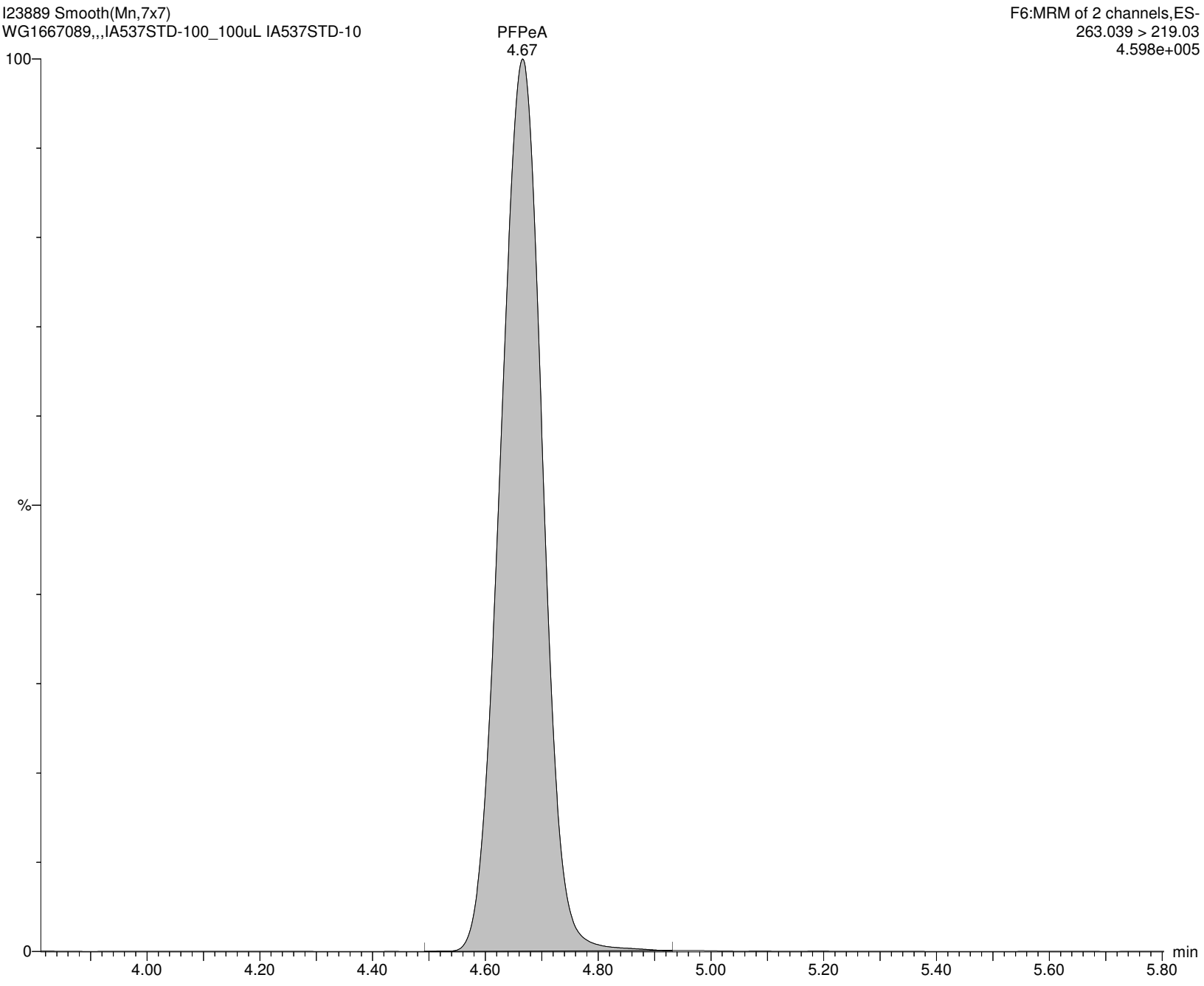


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFPeA

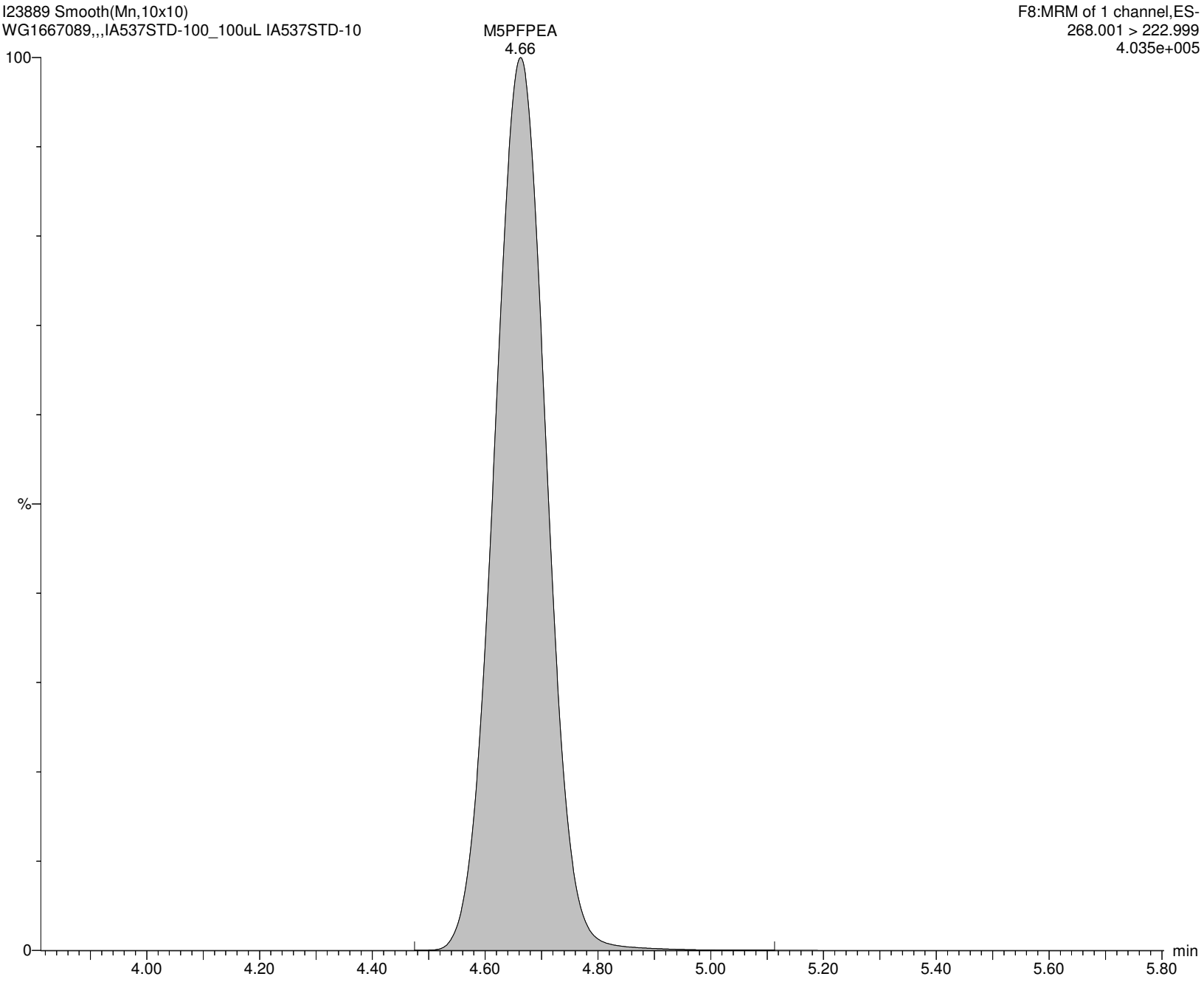


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M5PFPEA

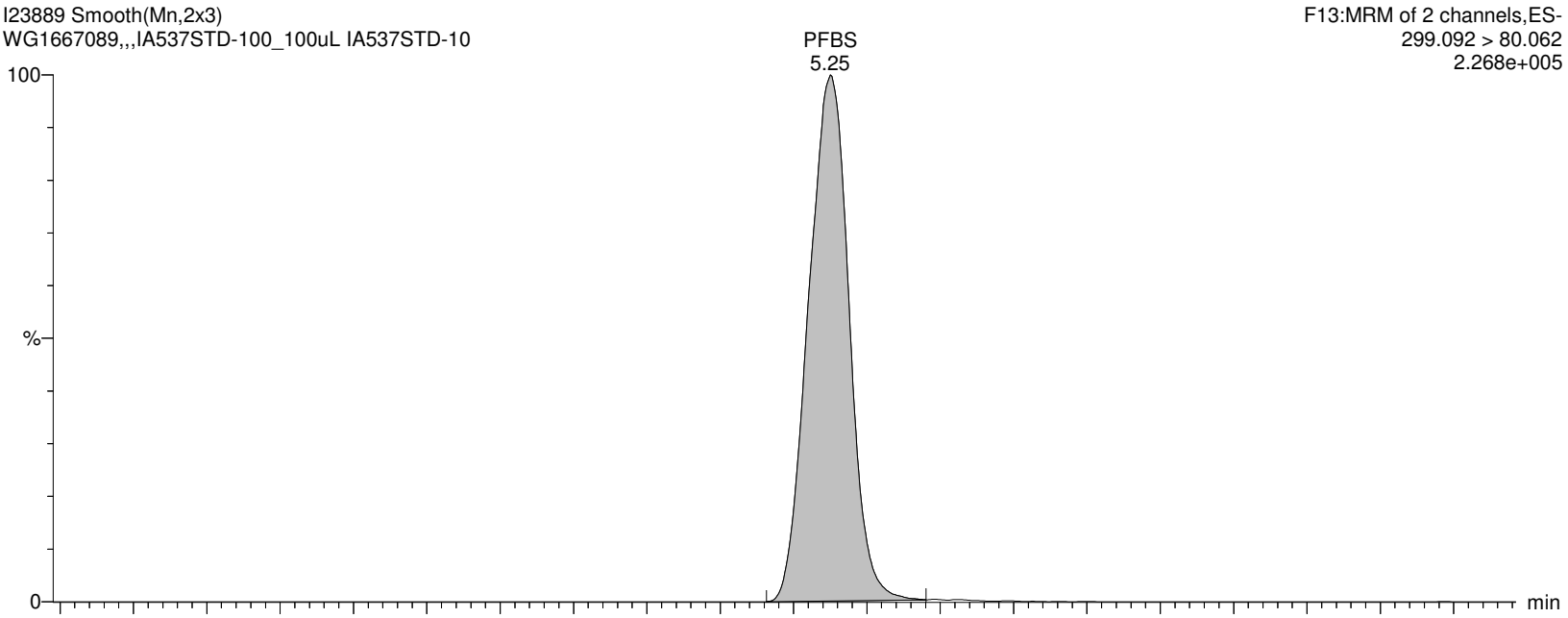


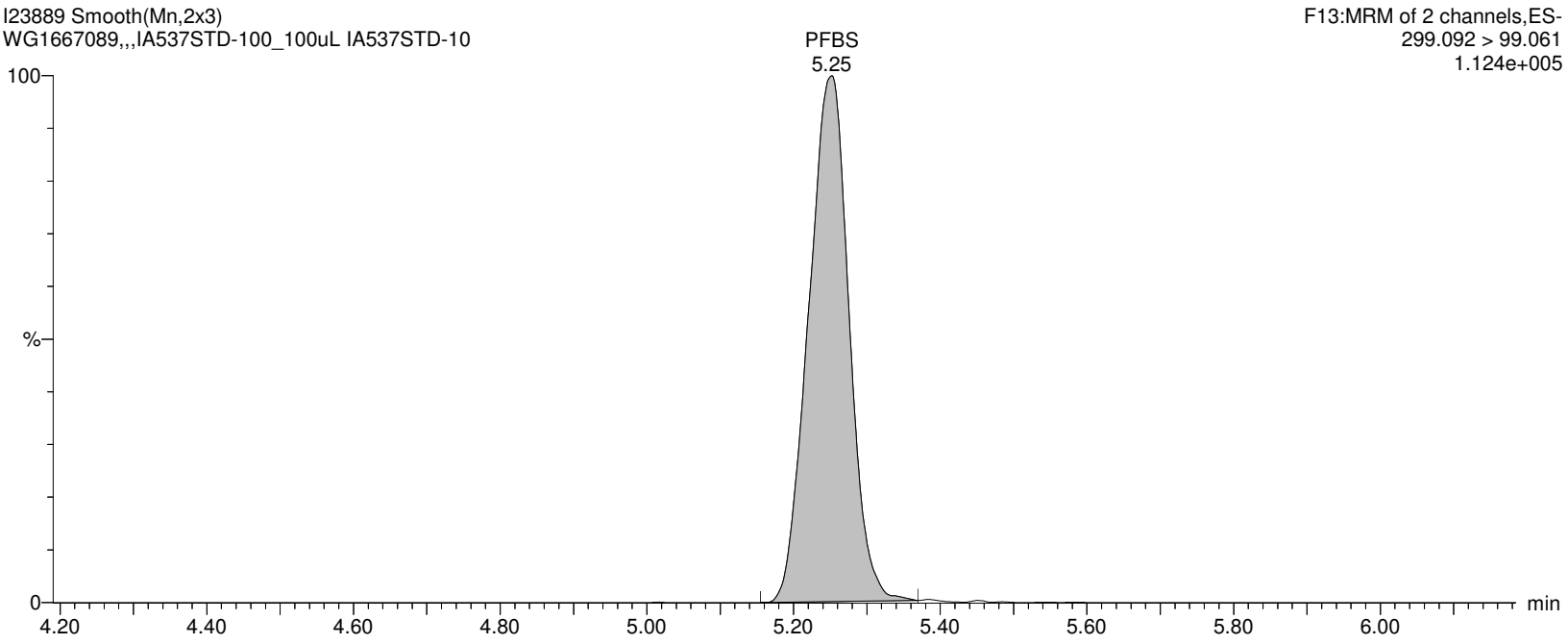
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFBS



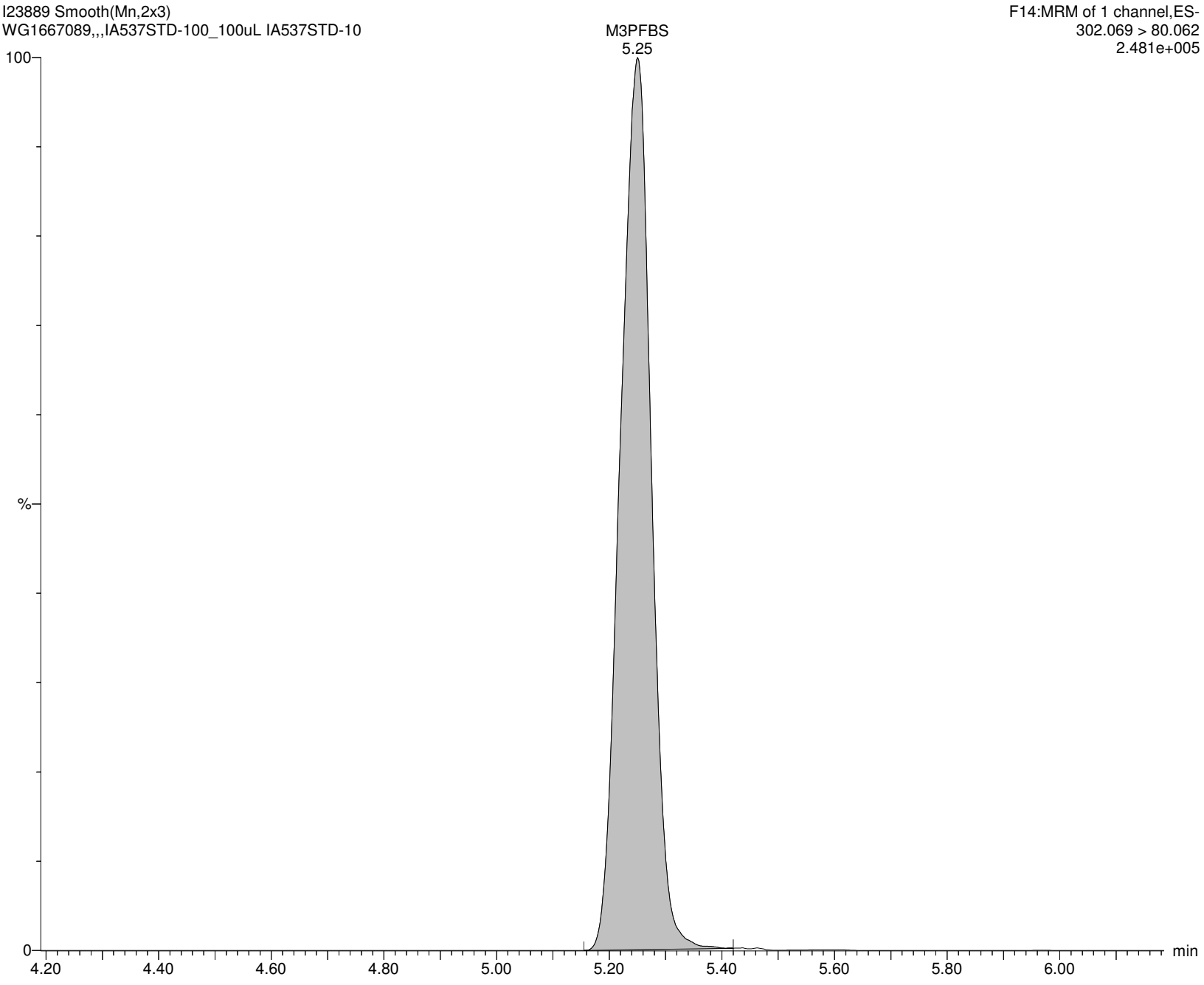


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M3PFBS

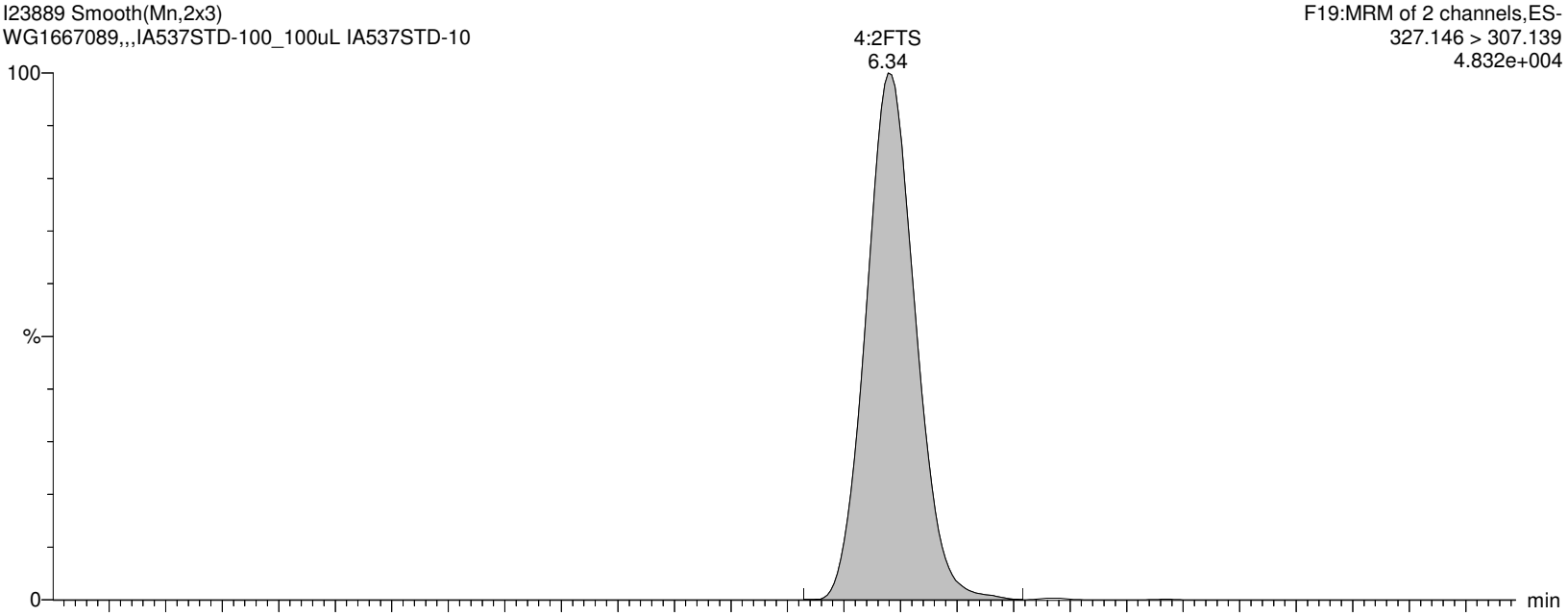


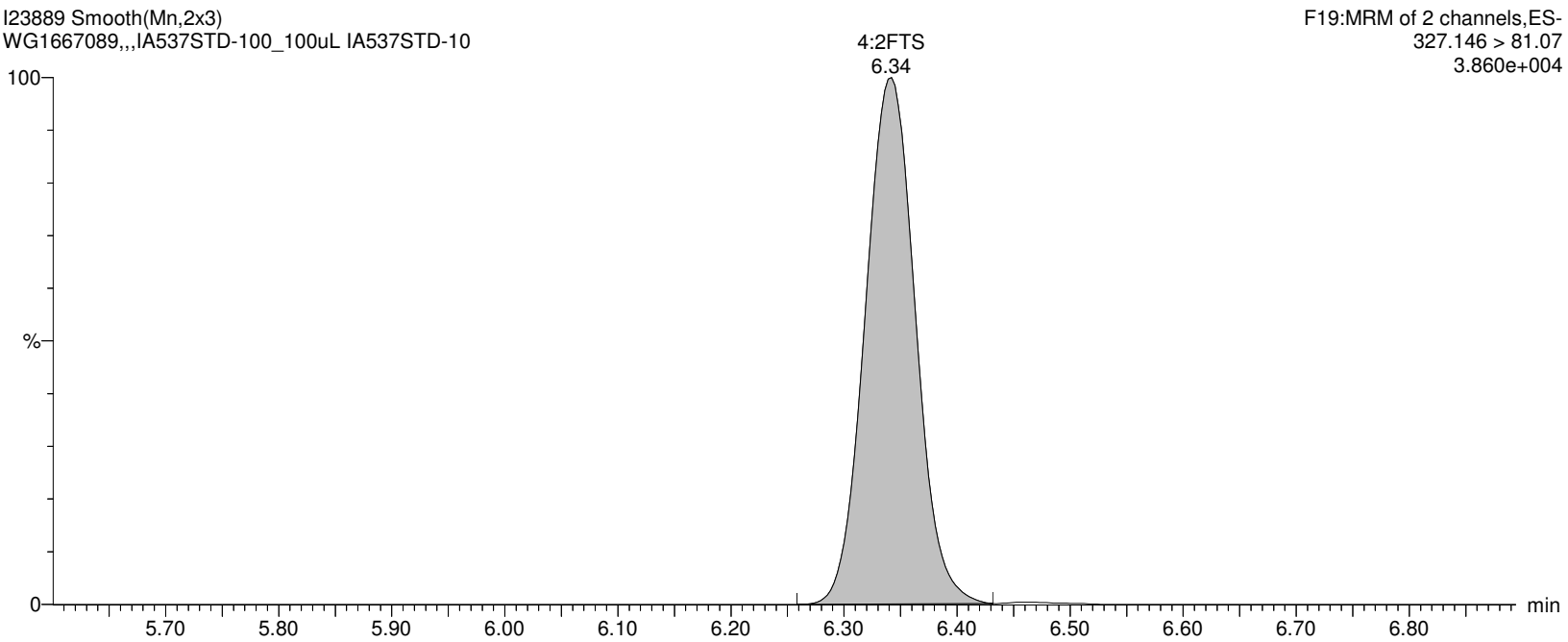
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

4:2FTS



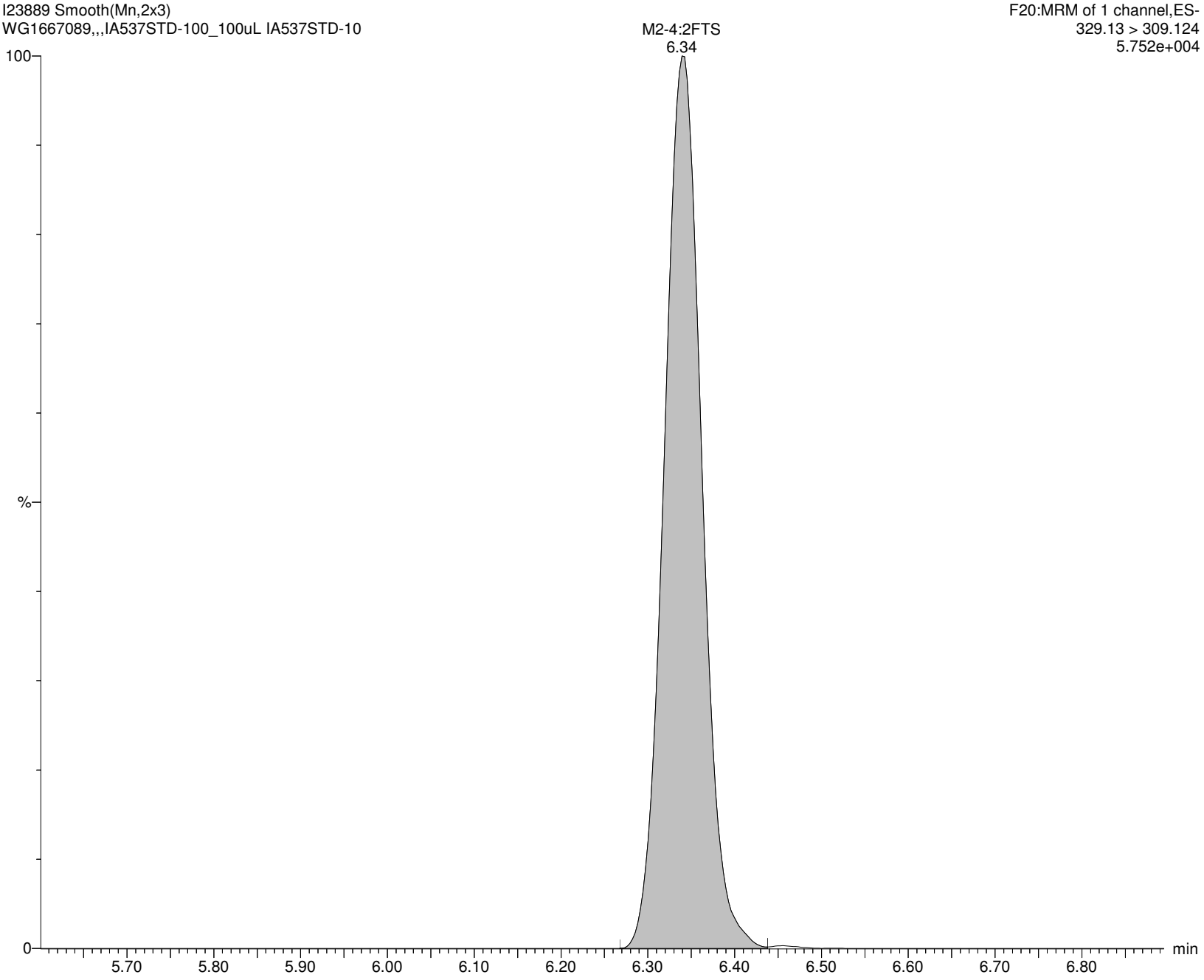


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2-4:2FTS

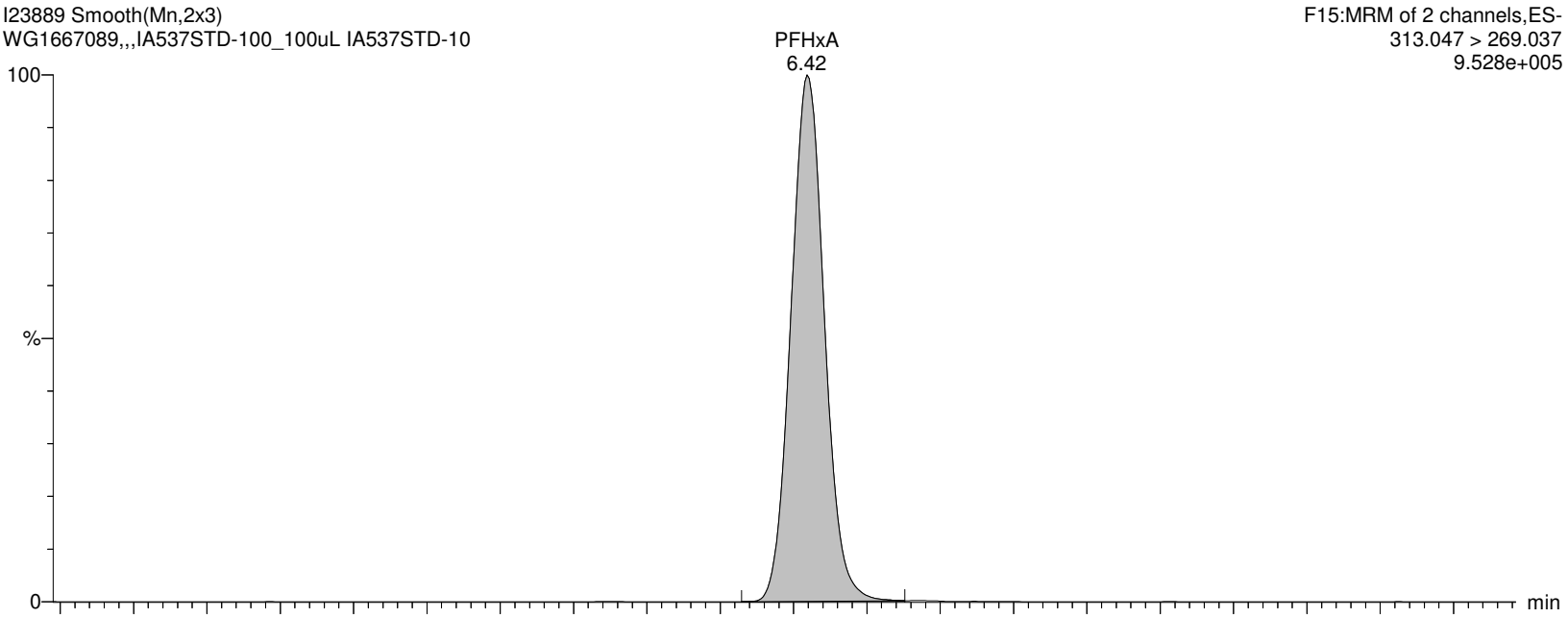


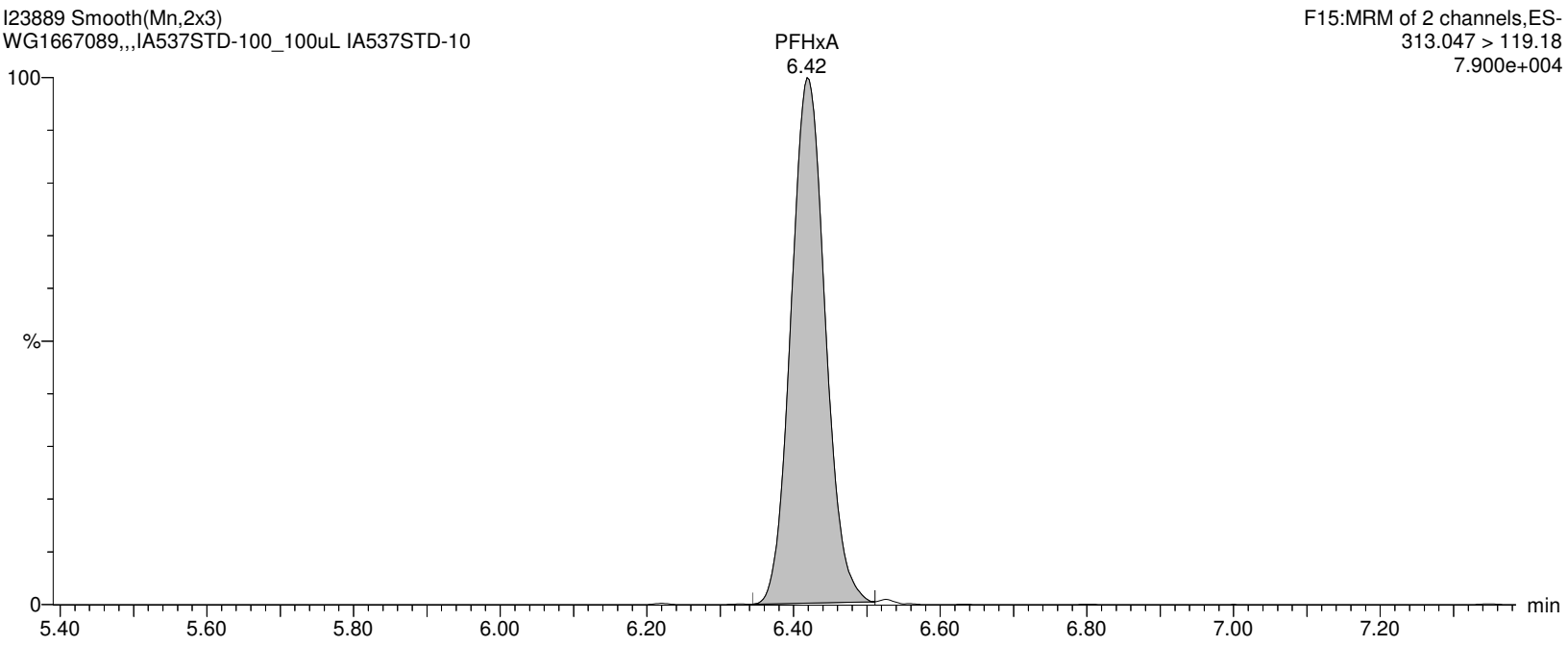
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFHxA



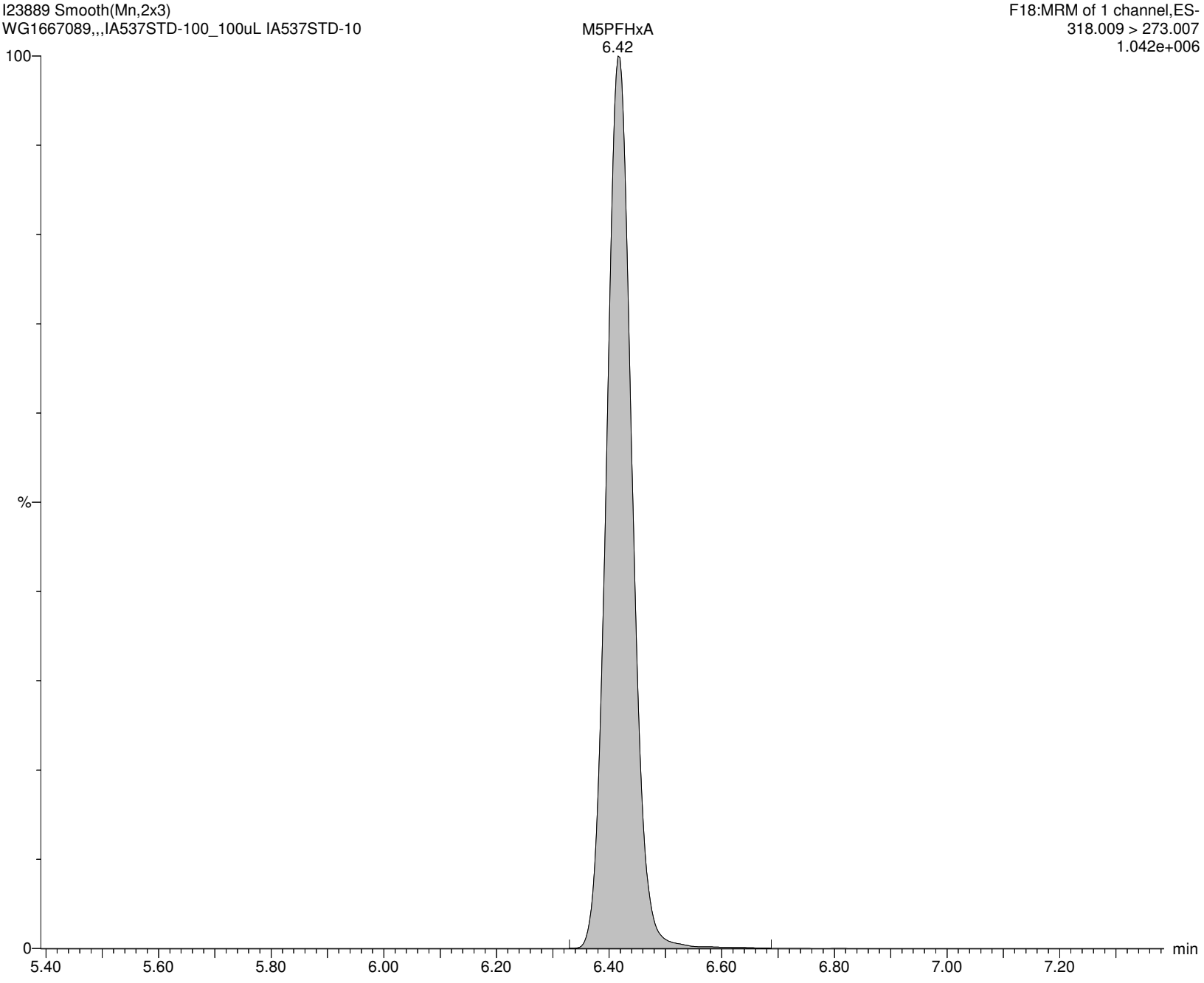


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M5PFHxA

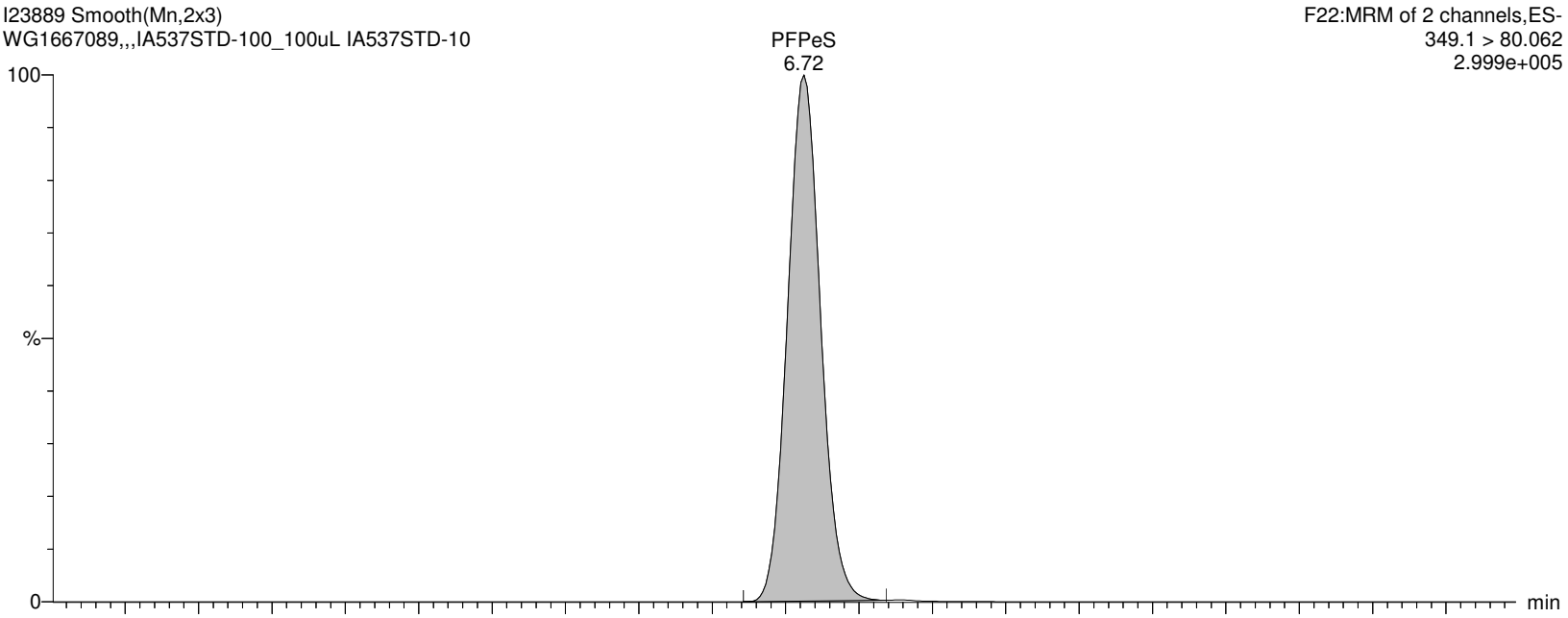


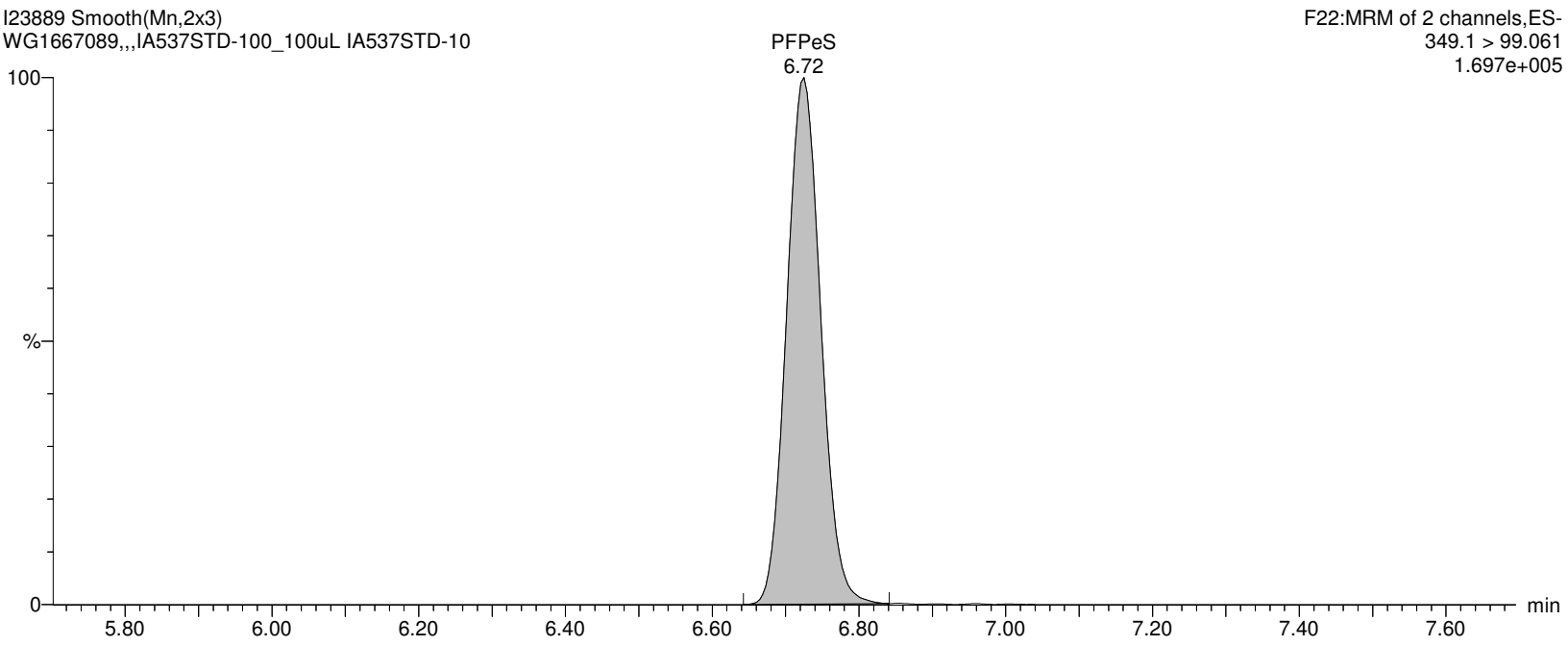
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFPeS



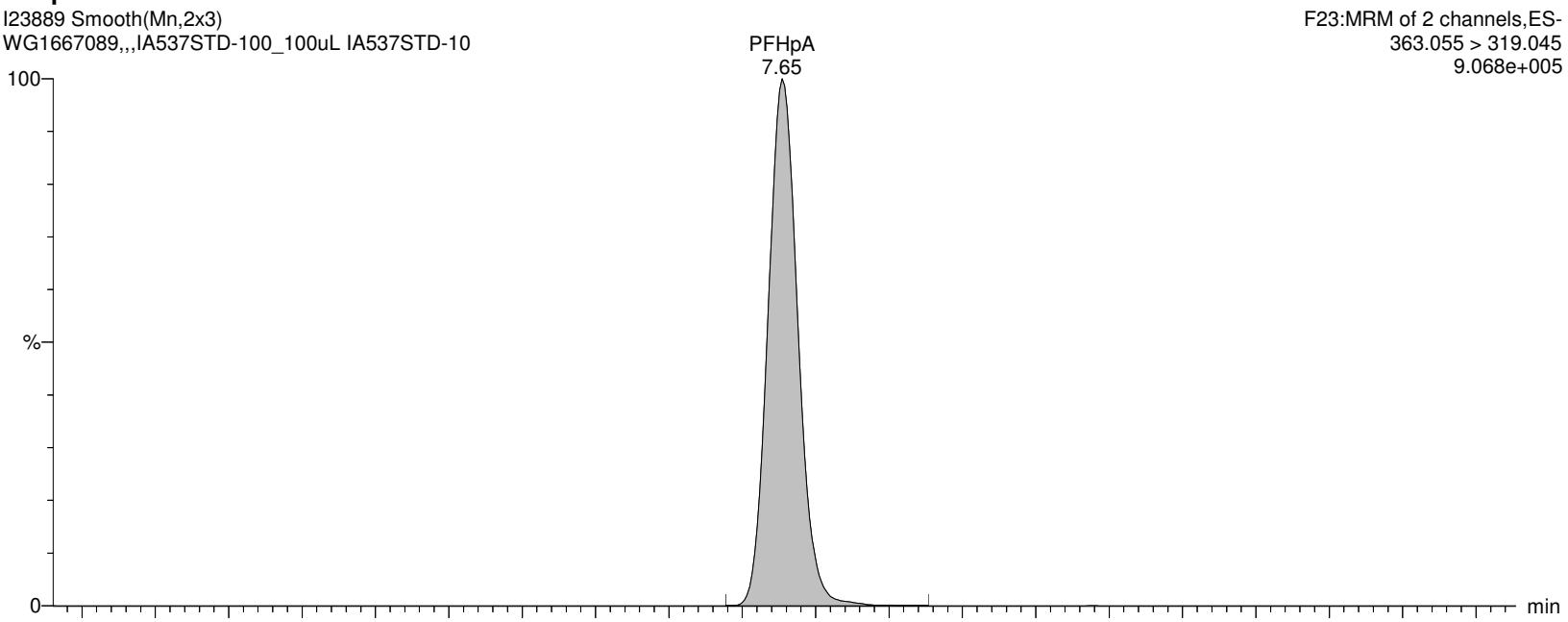


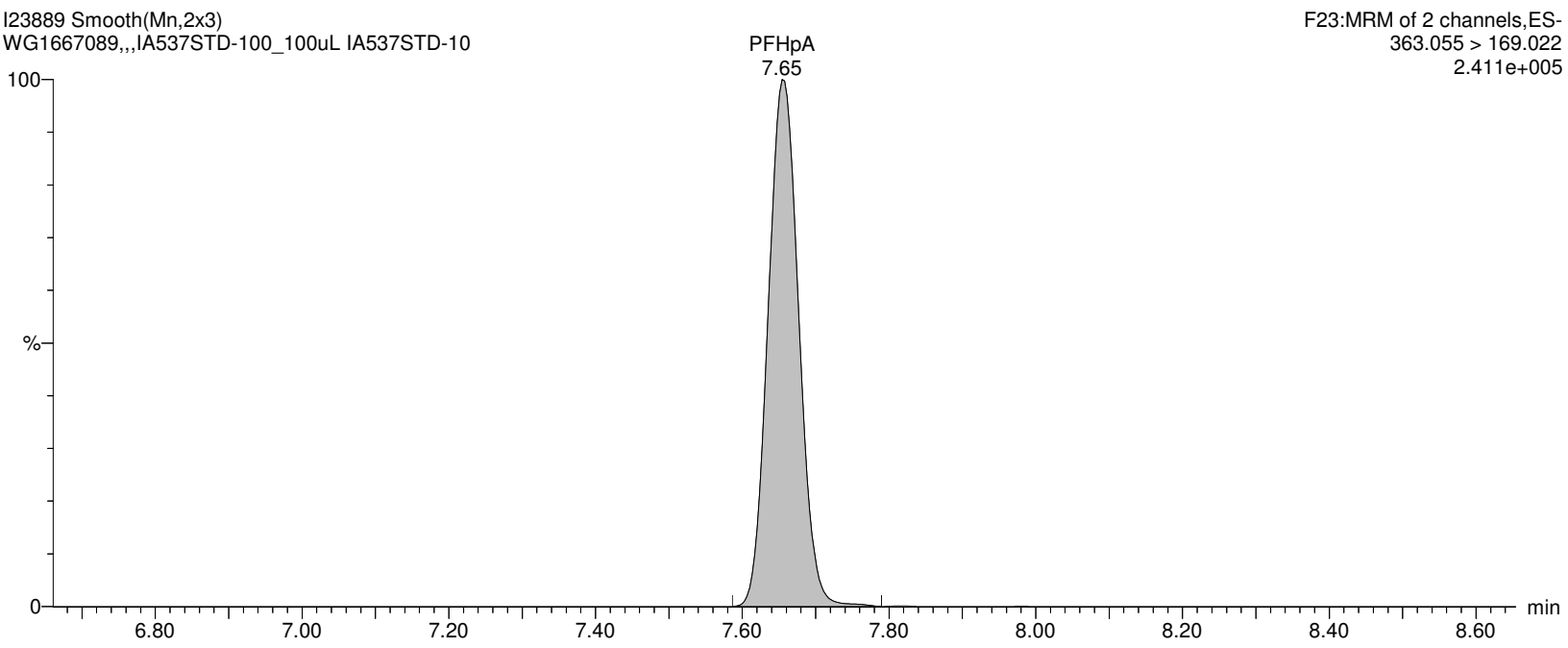
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFHpA



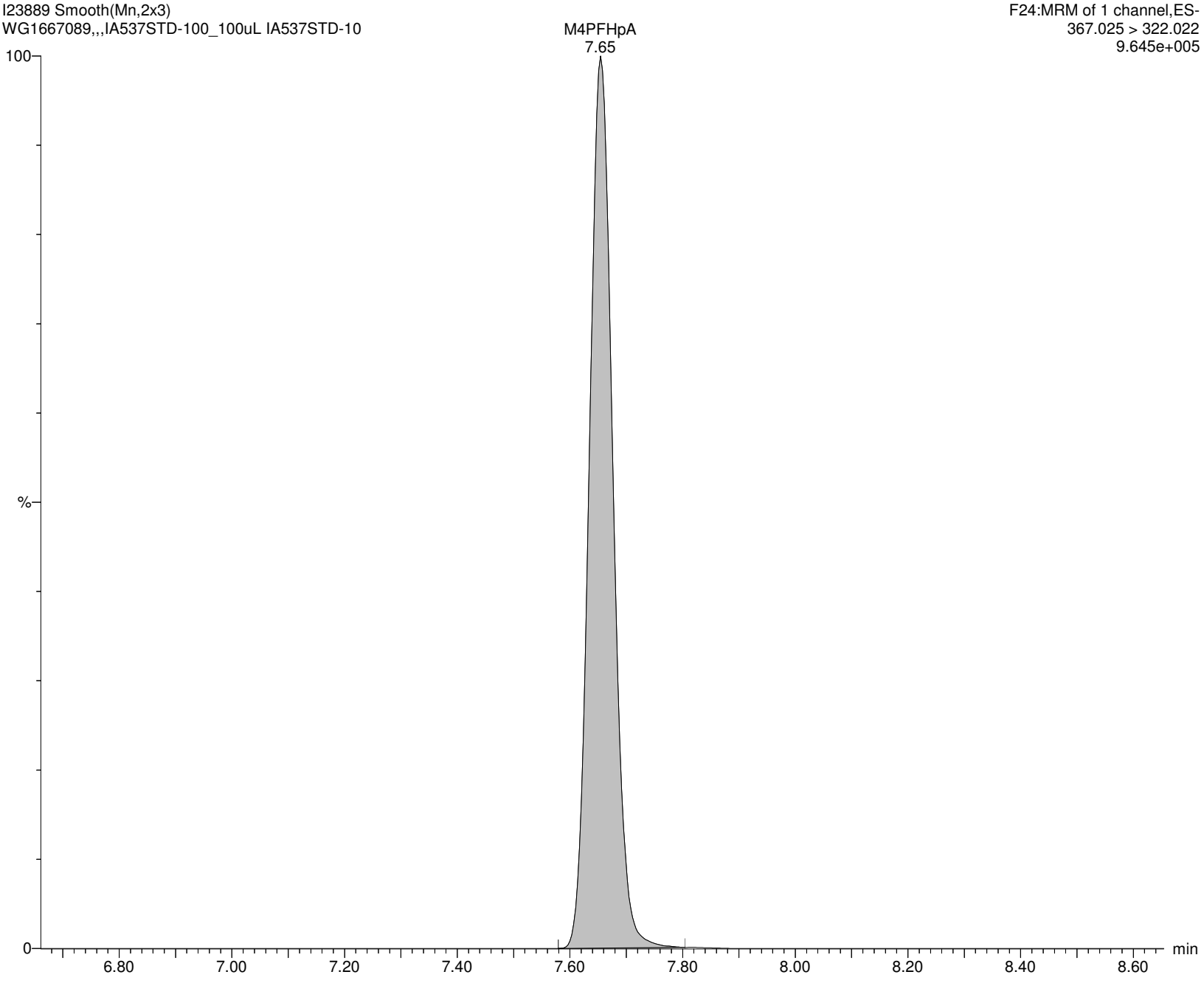


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M4PFHpA

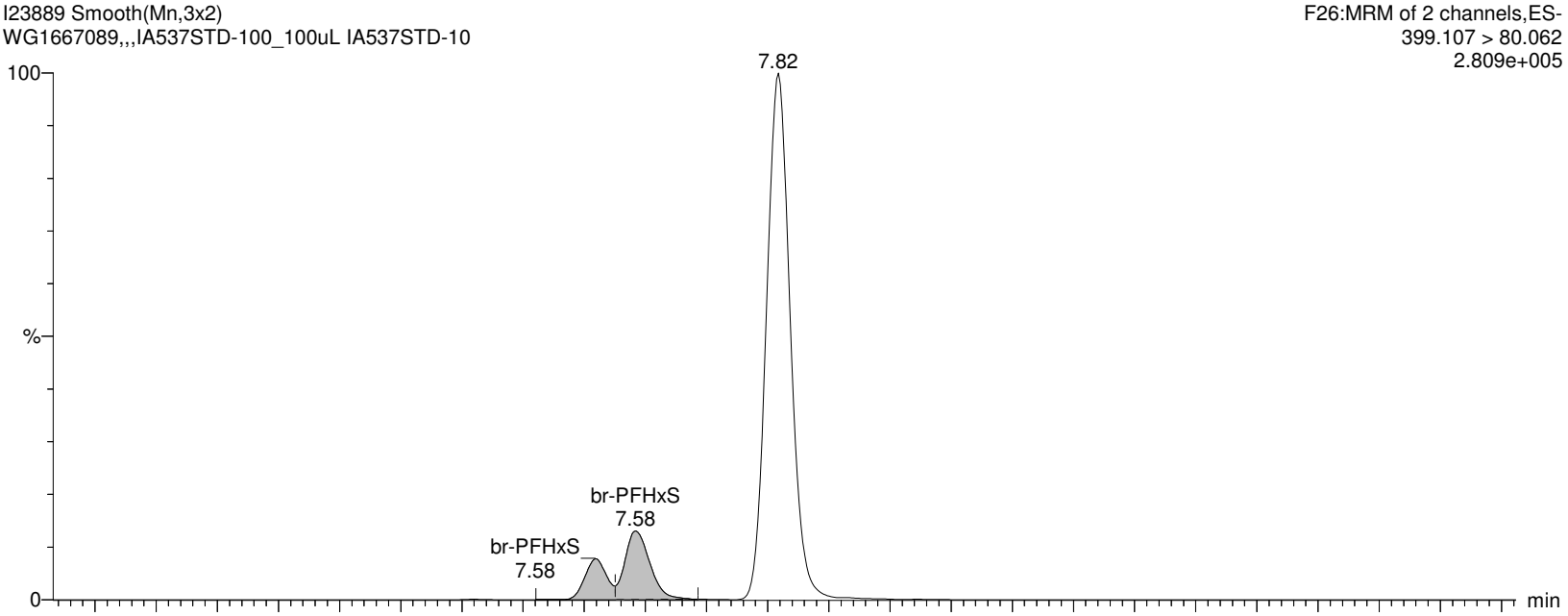


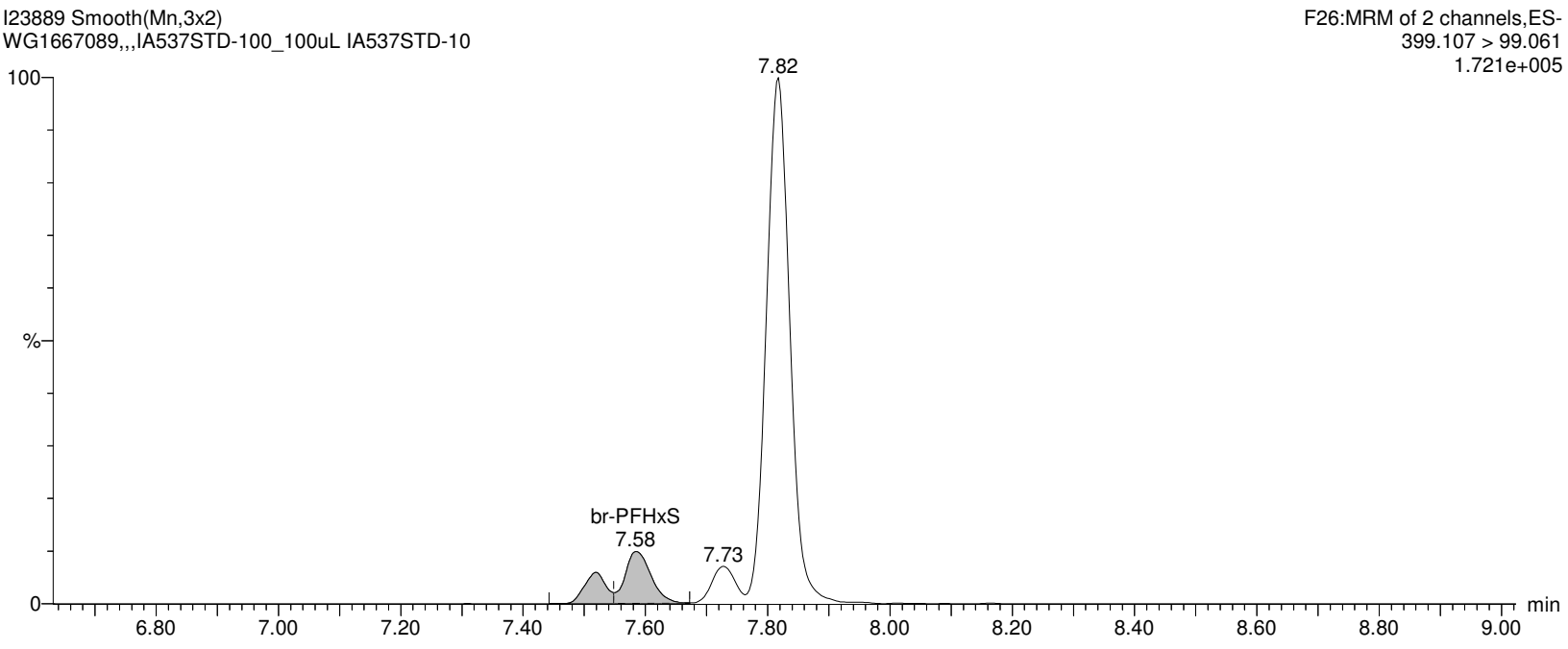
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

br-PFHxS



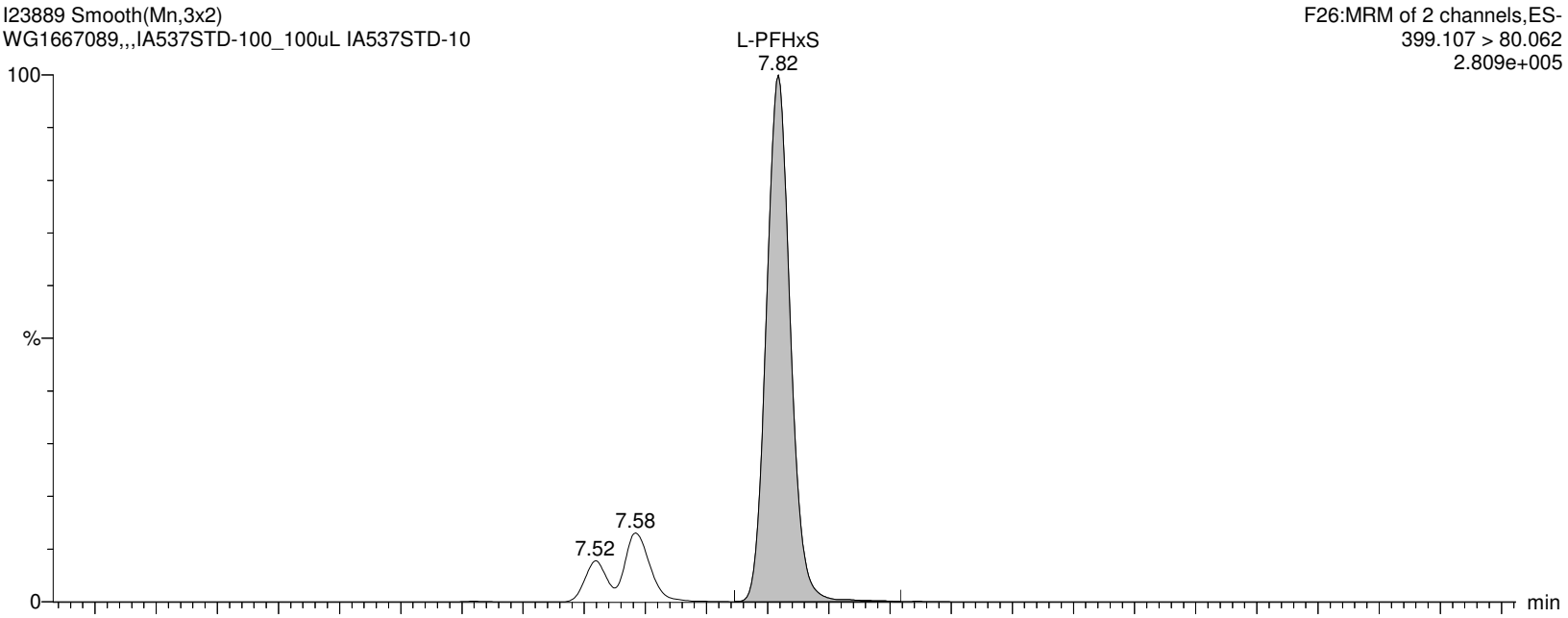


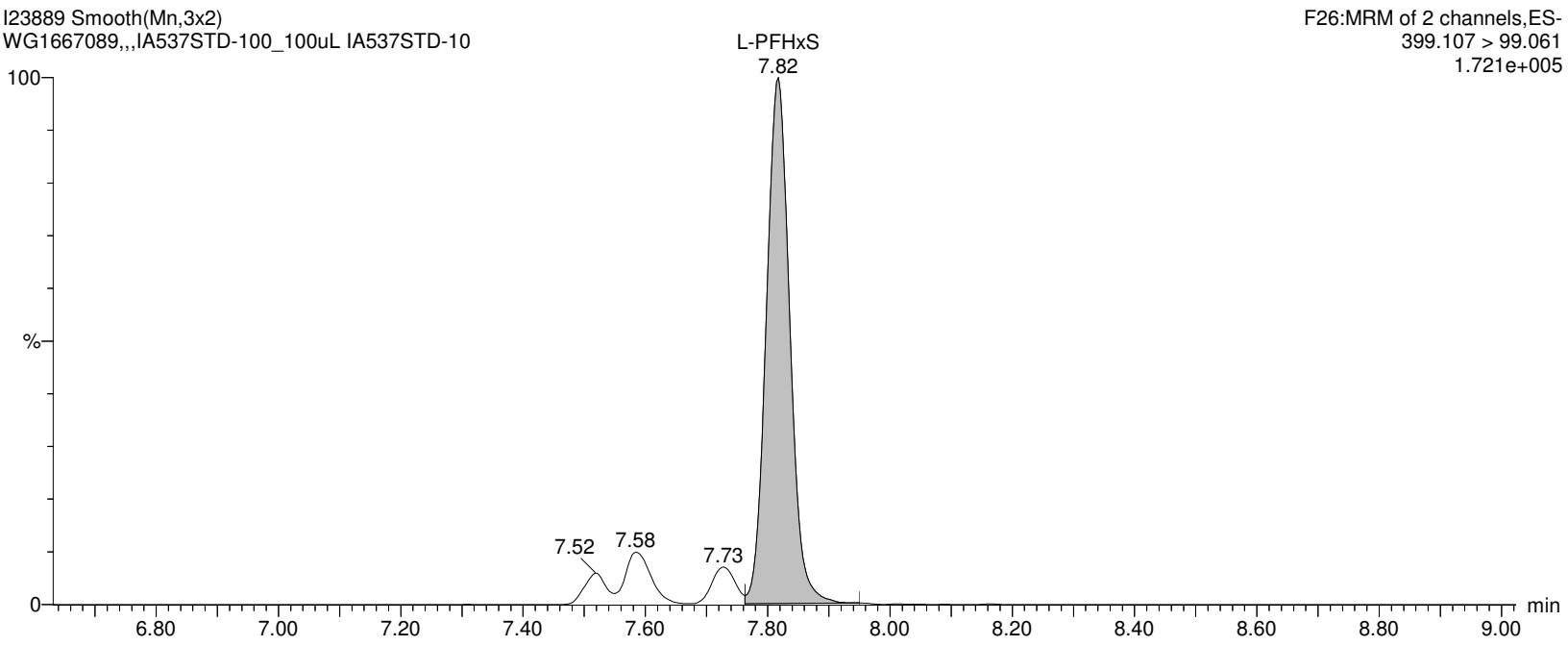
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

L-PFHxS



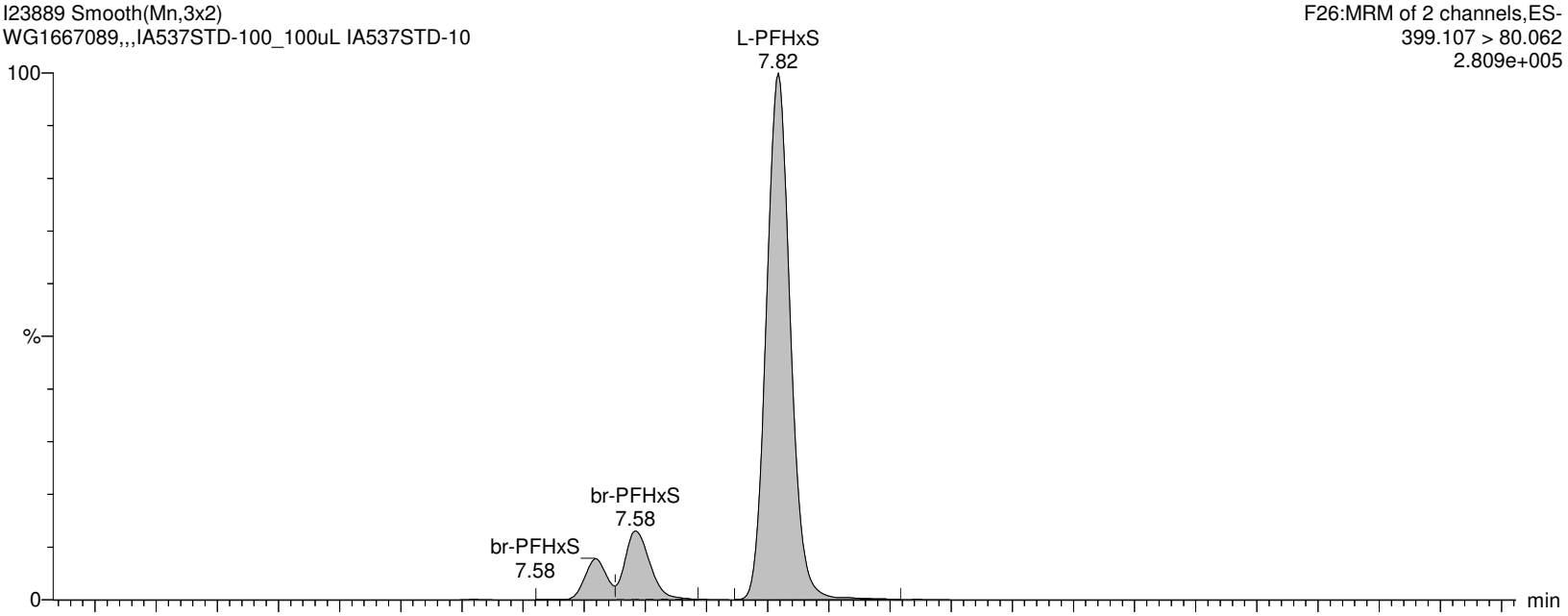


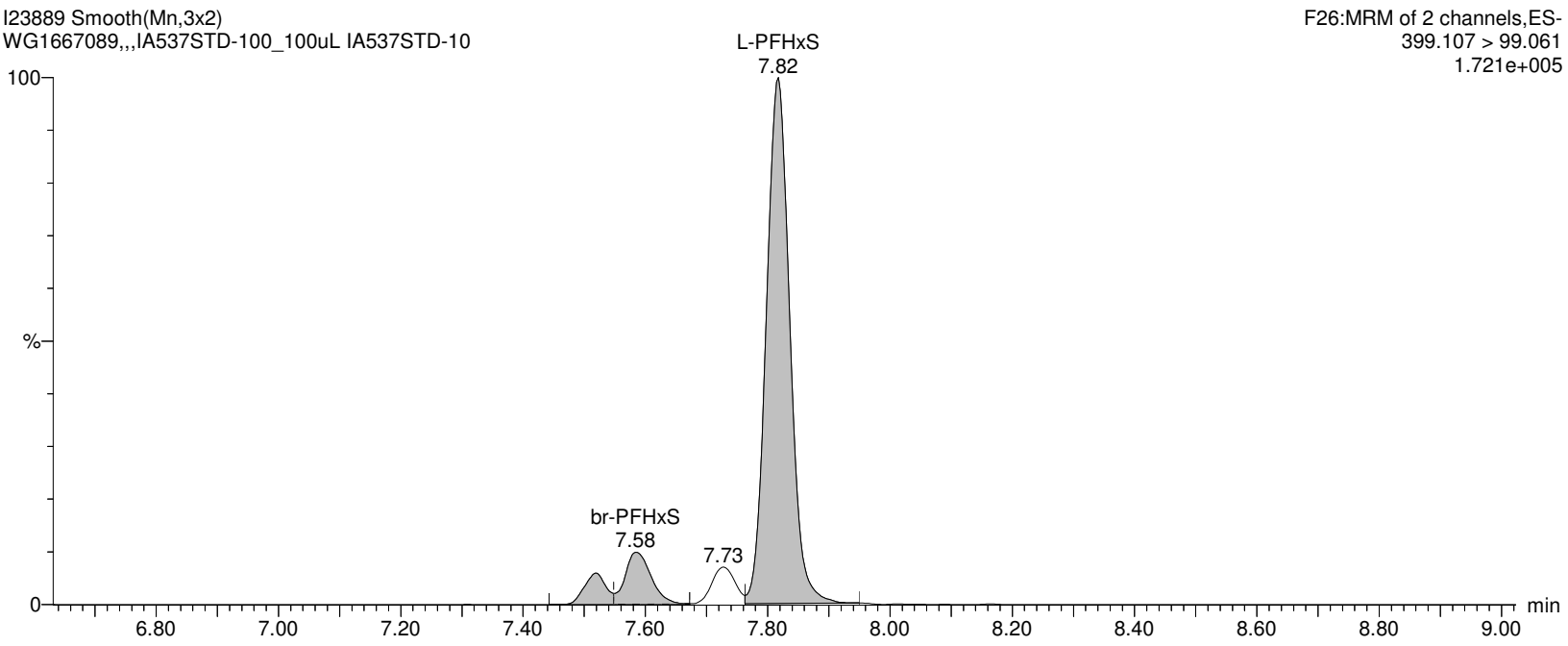
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFHxS



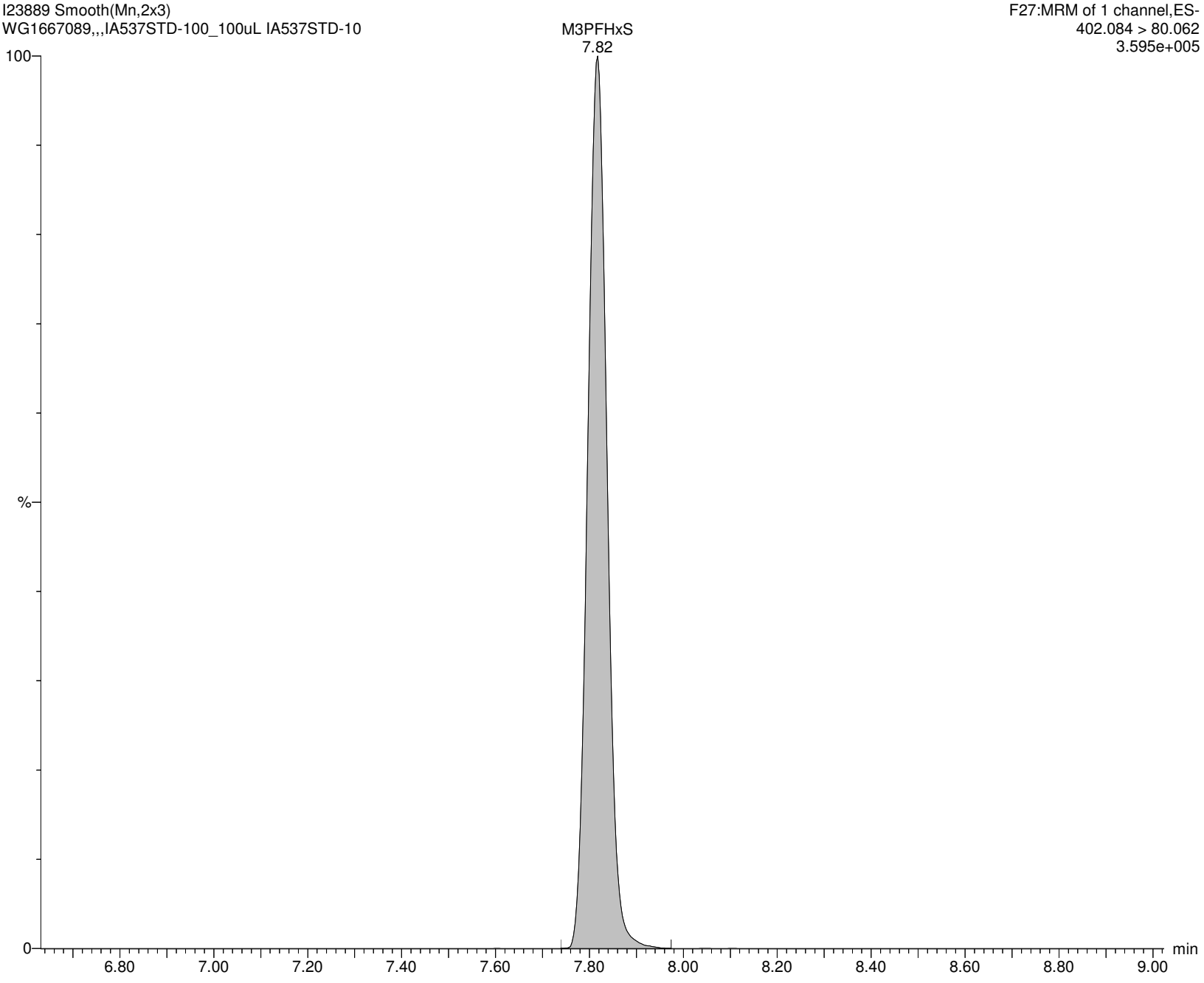


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M3PFHxS

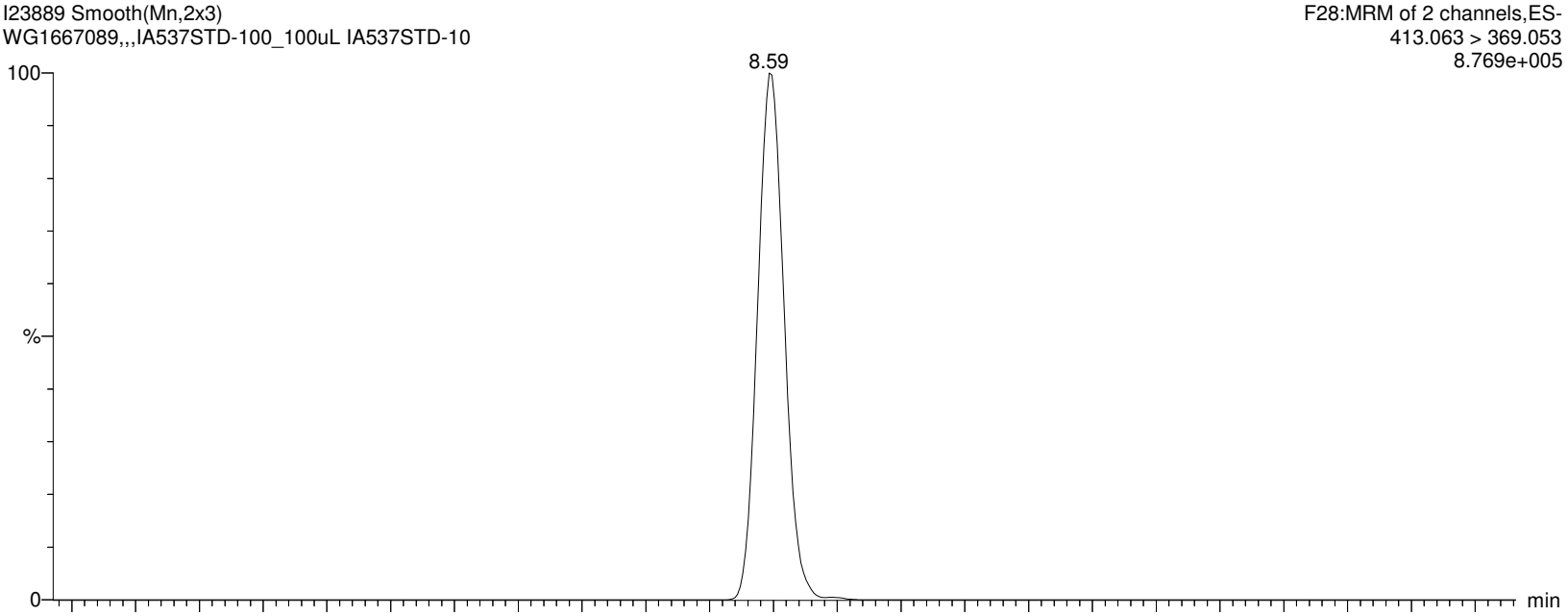


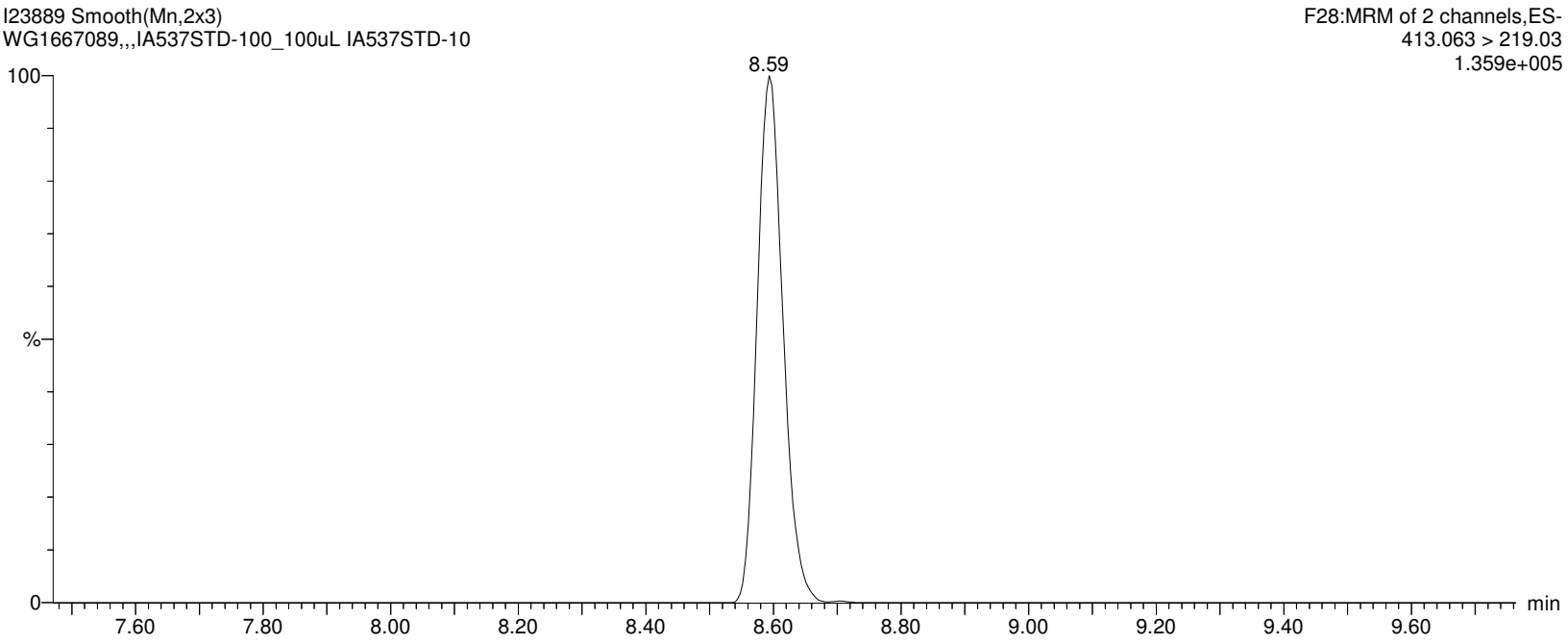
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

br-PFOA



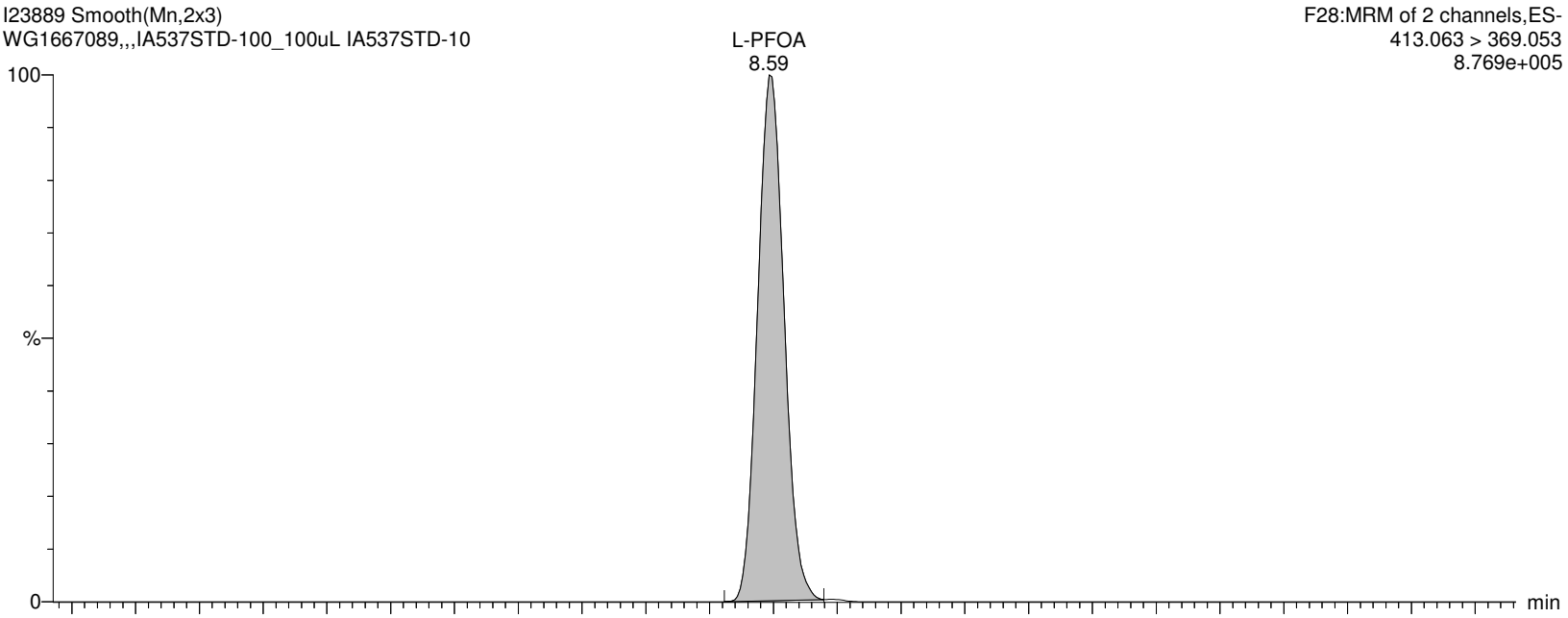


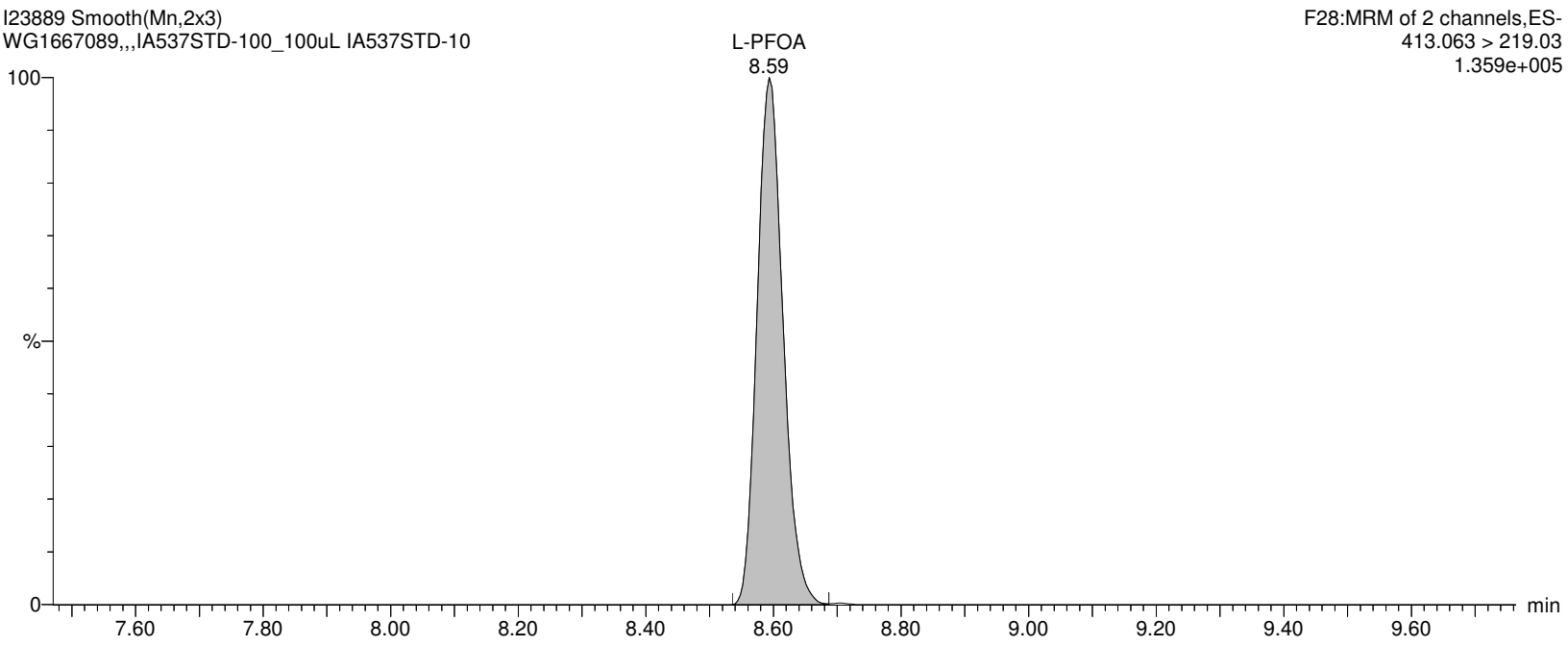
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

L-PFOA



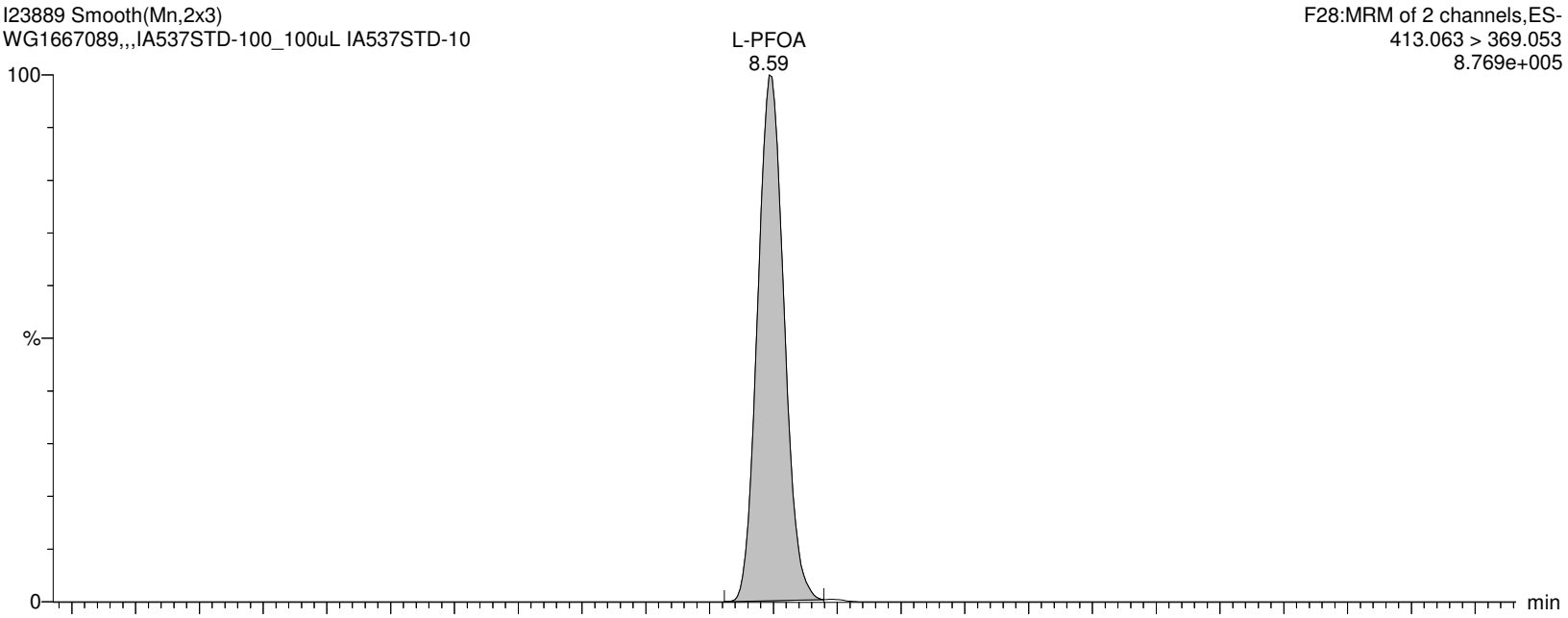


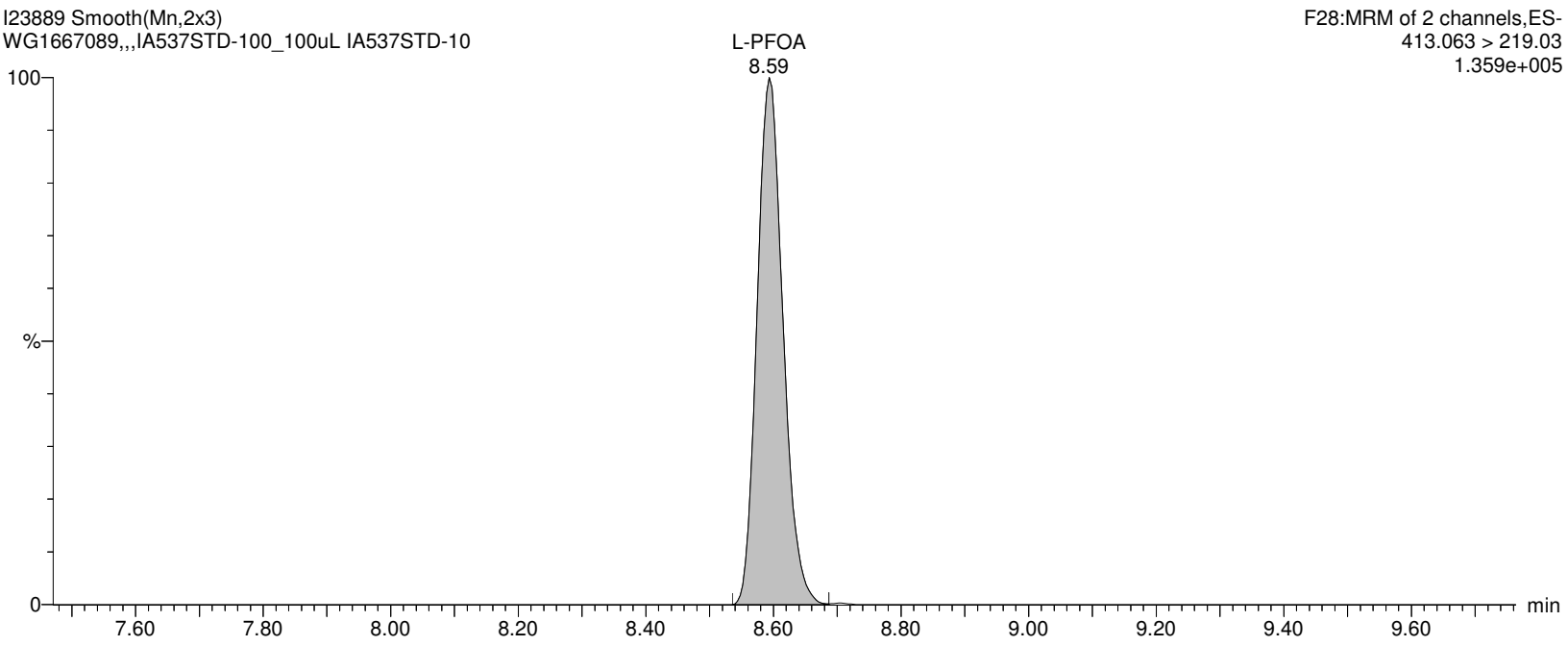
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFOA



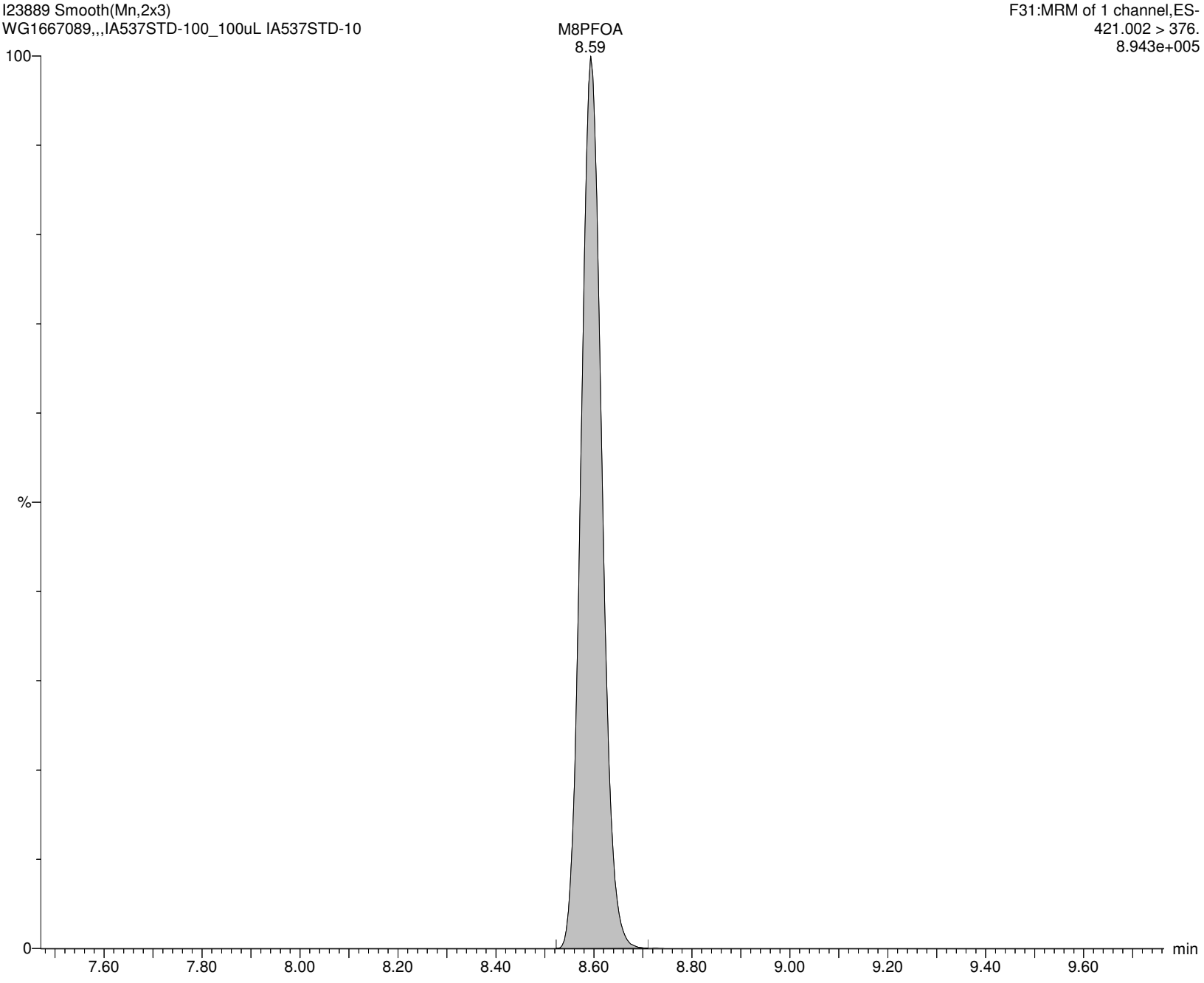


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M8PFOA

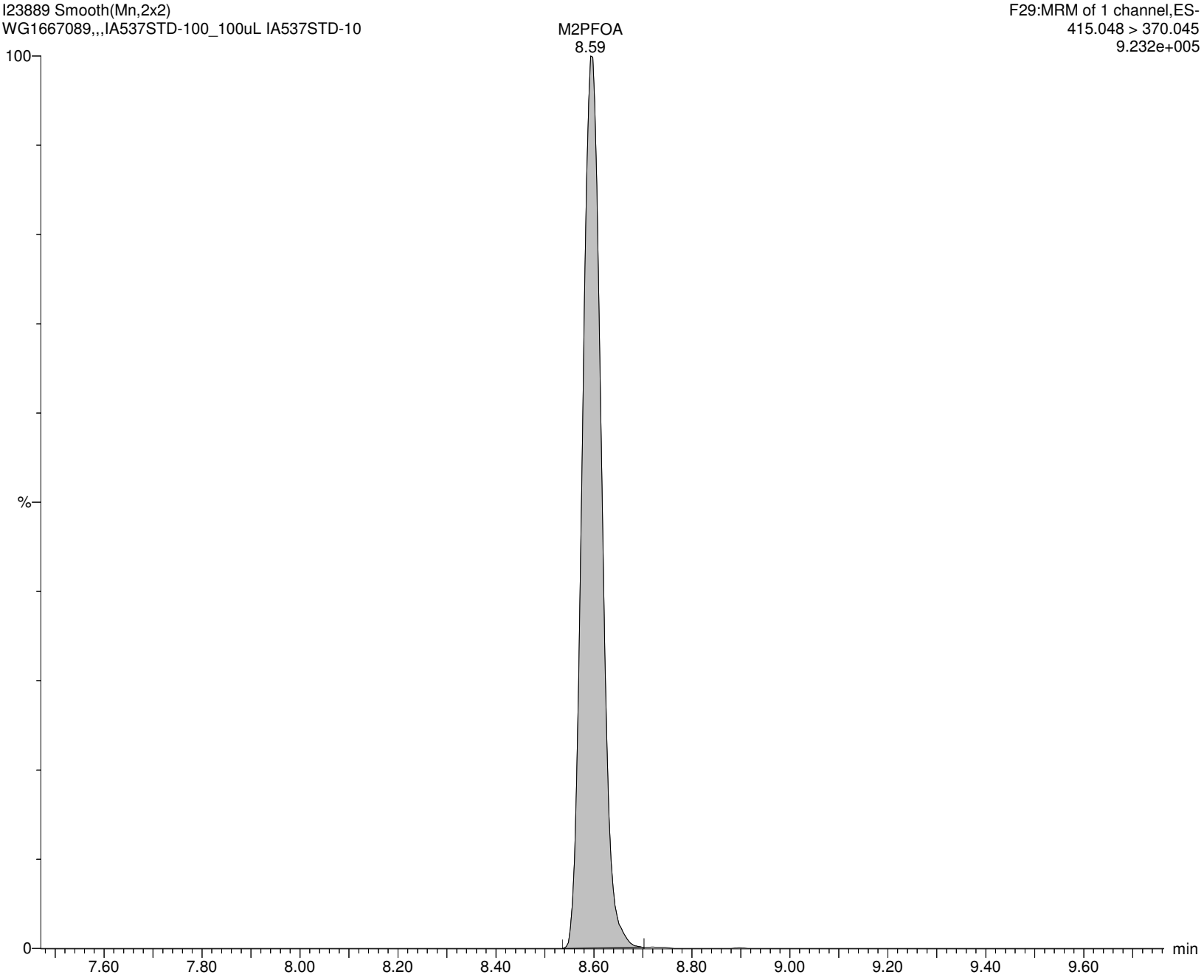


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2PFOA

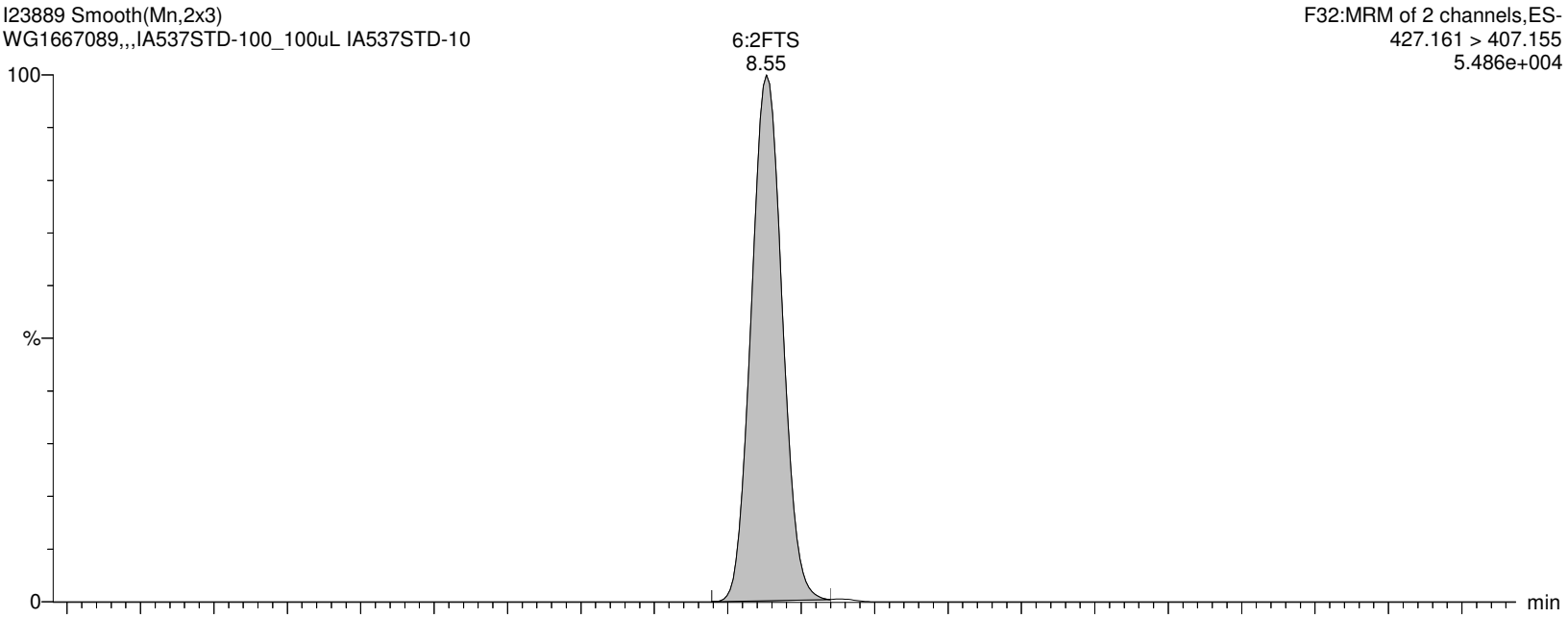


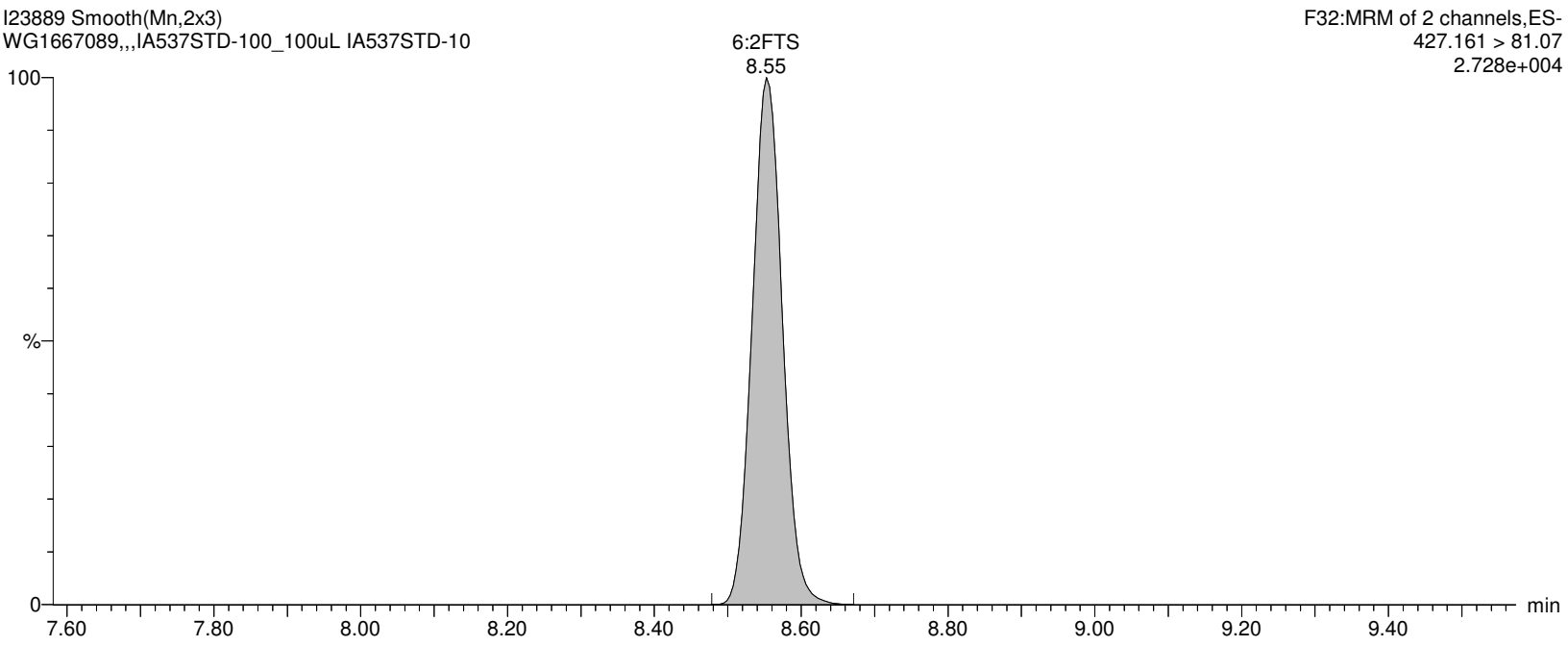
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

6:2FTS



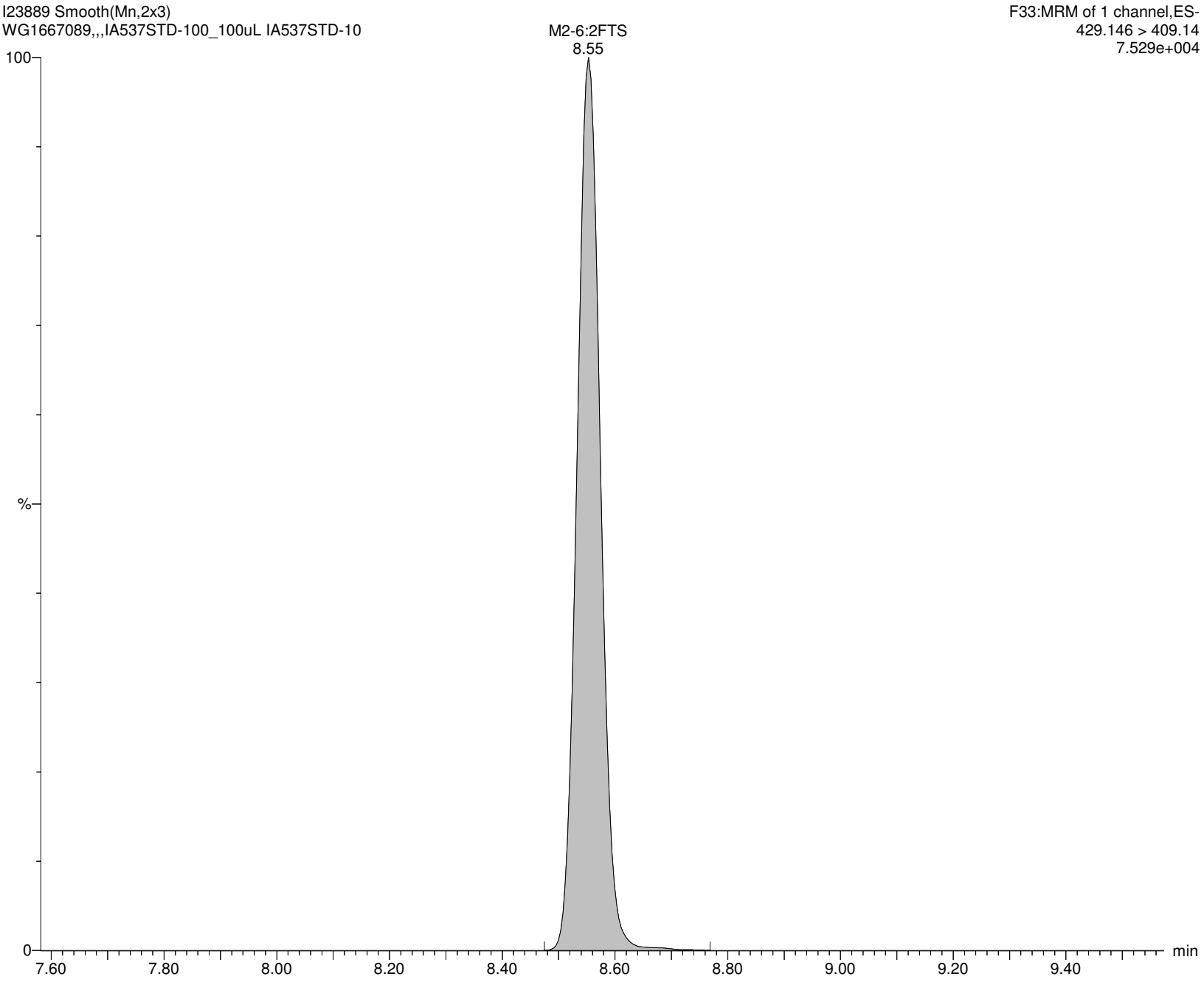


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2-6:2FTS

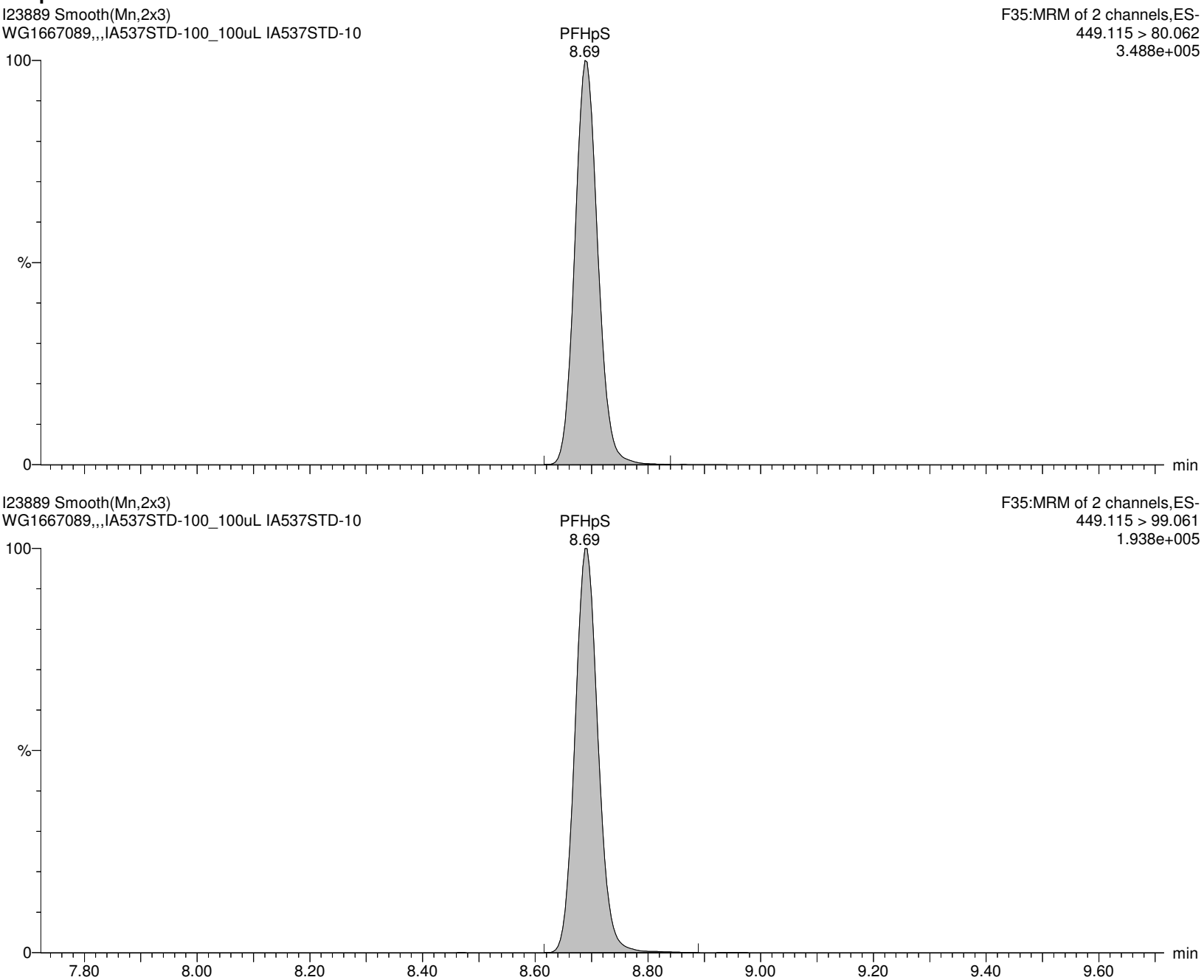


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFHpS

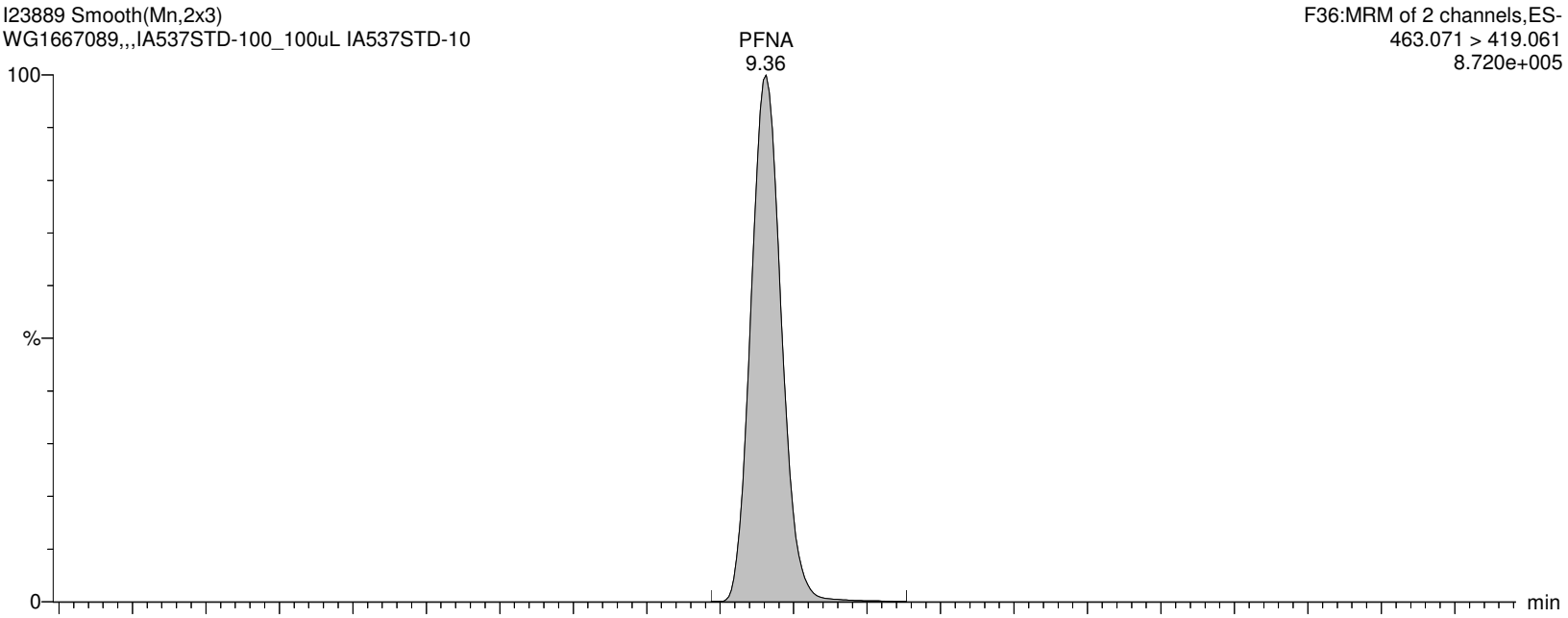


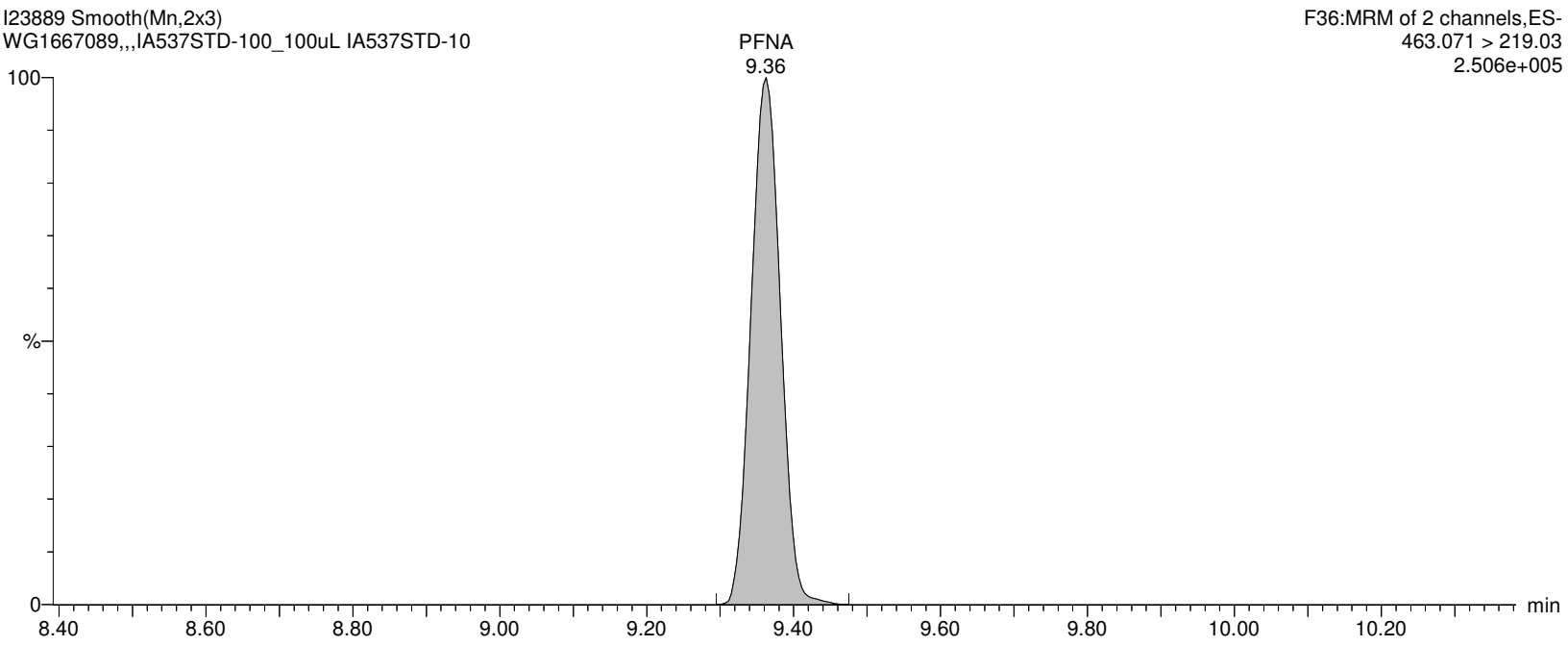
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFNA



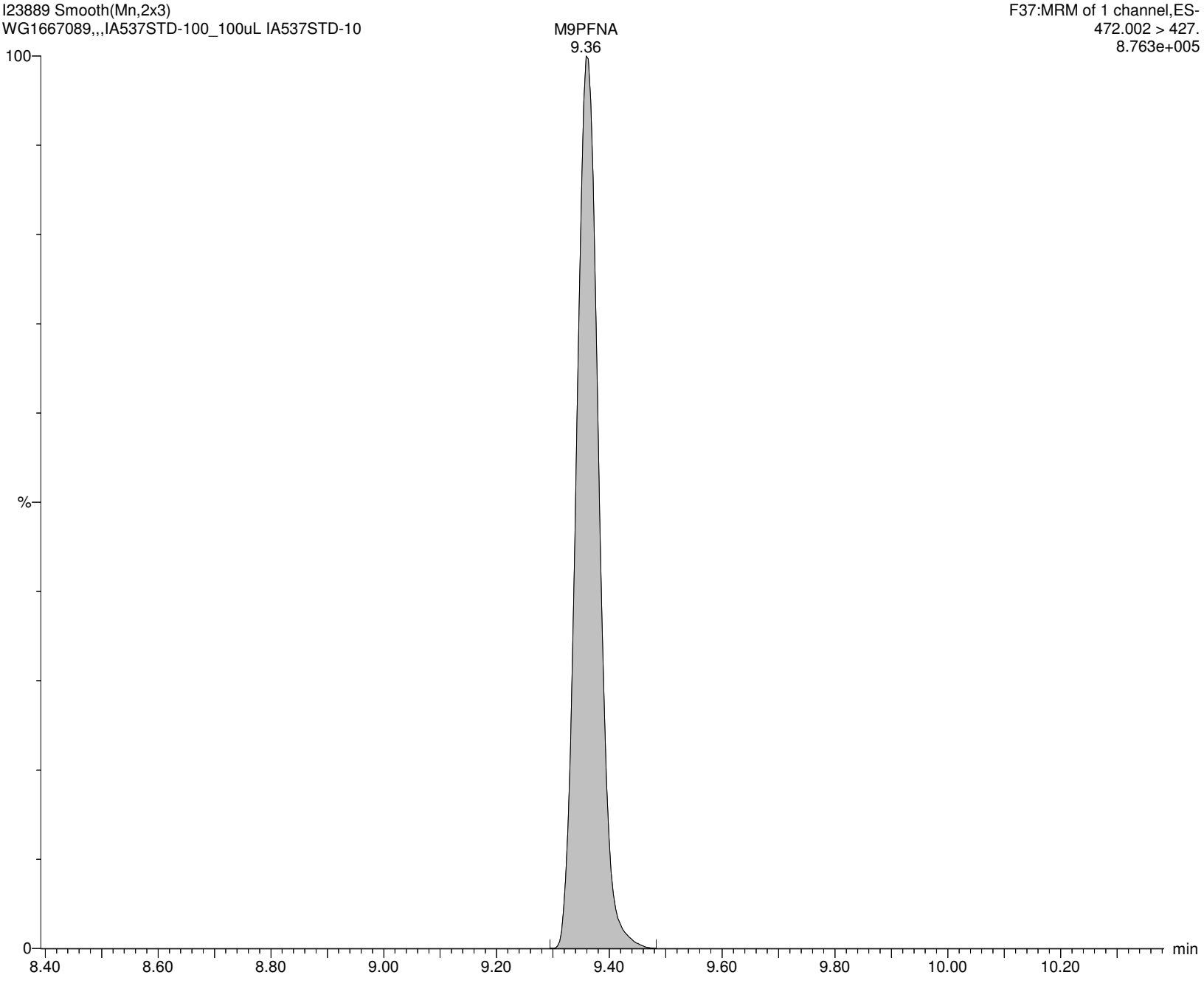


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M9PFNA

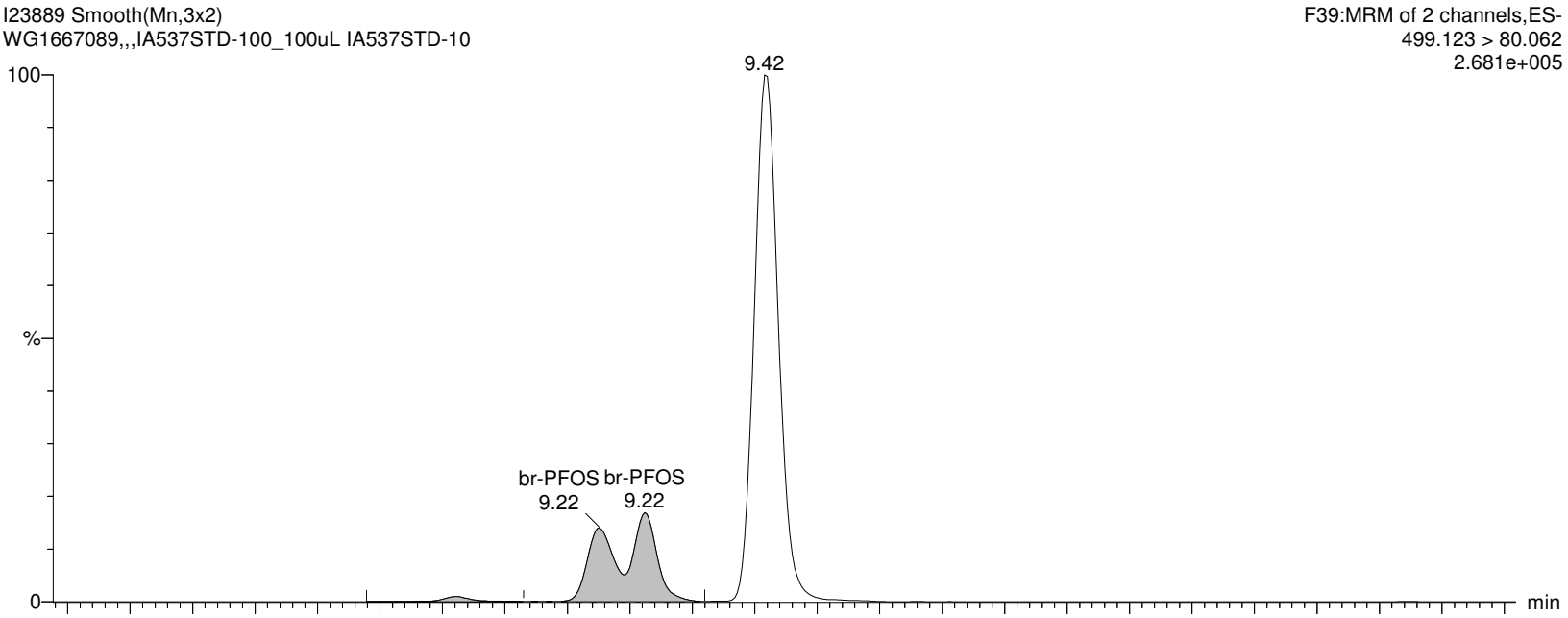


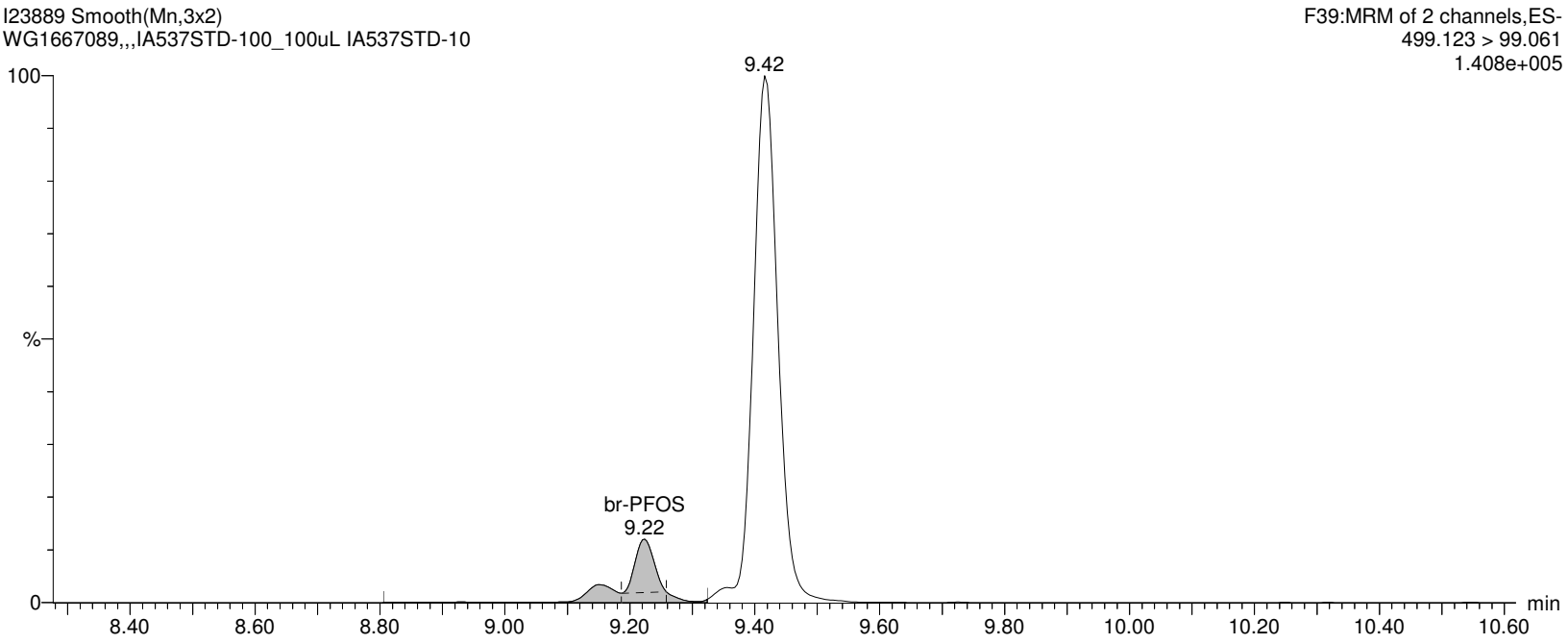
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

br-PFOS



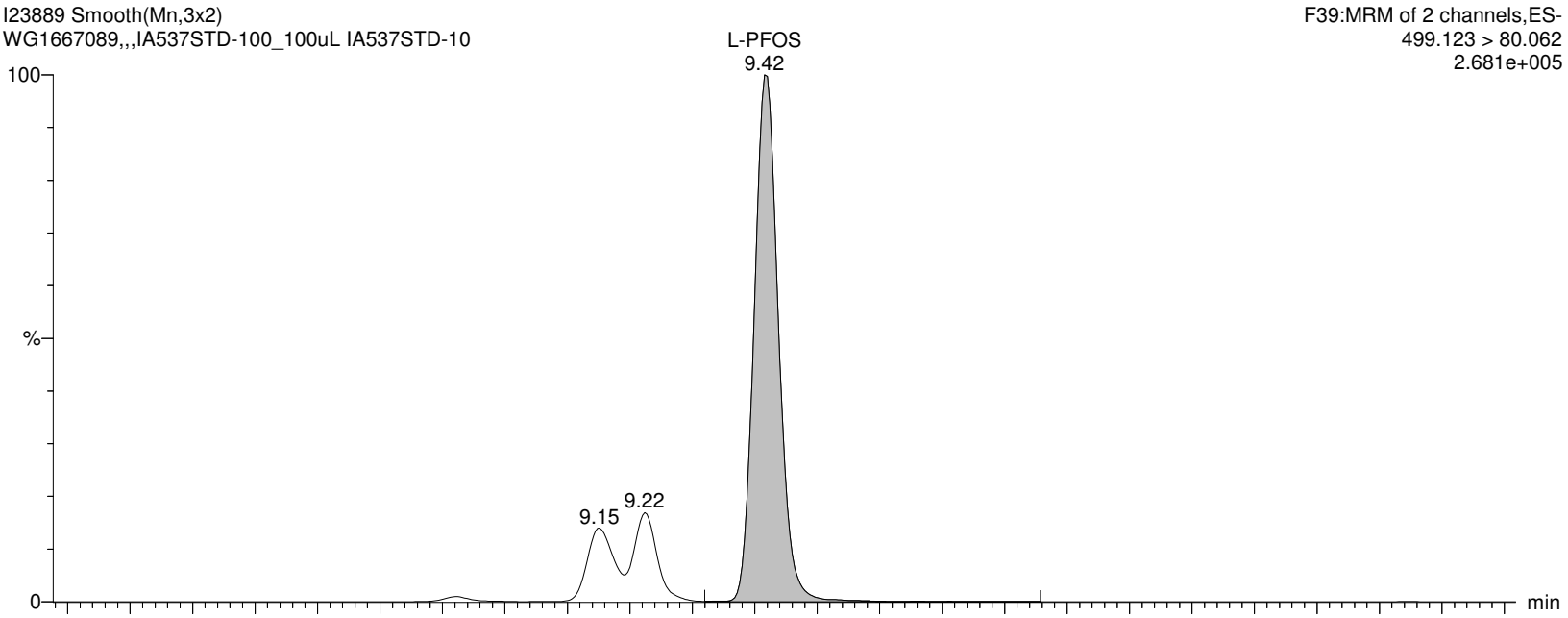


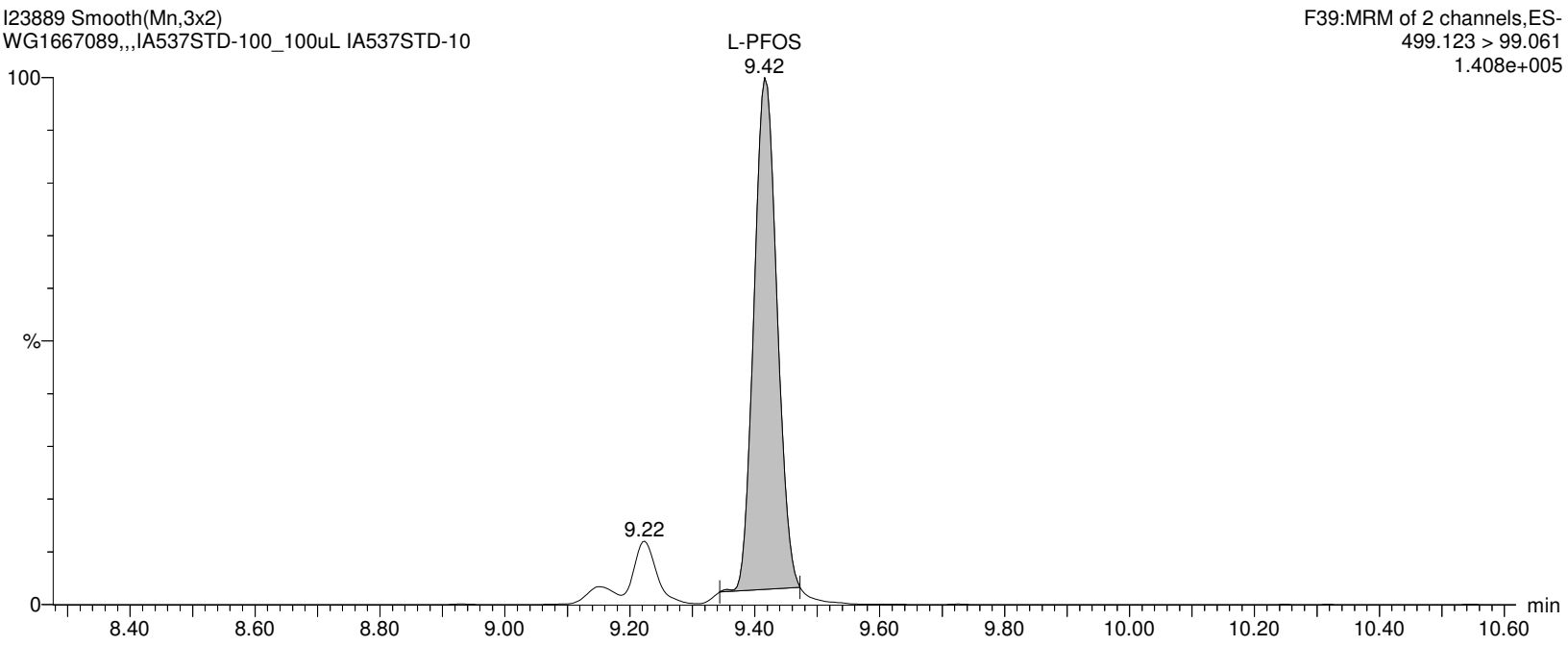
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

L-PFOS



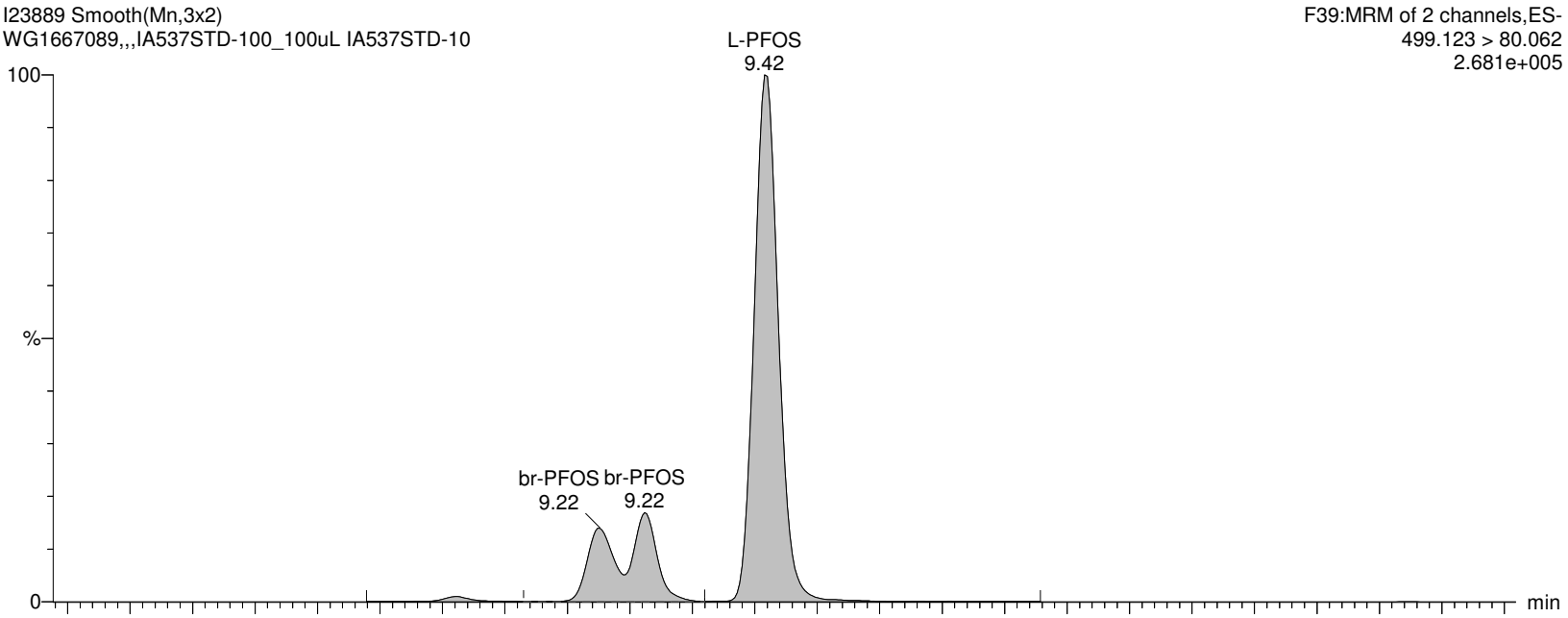


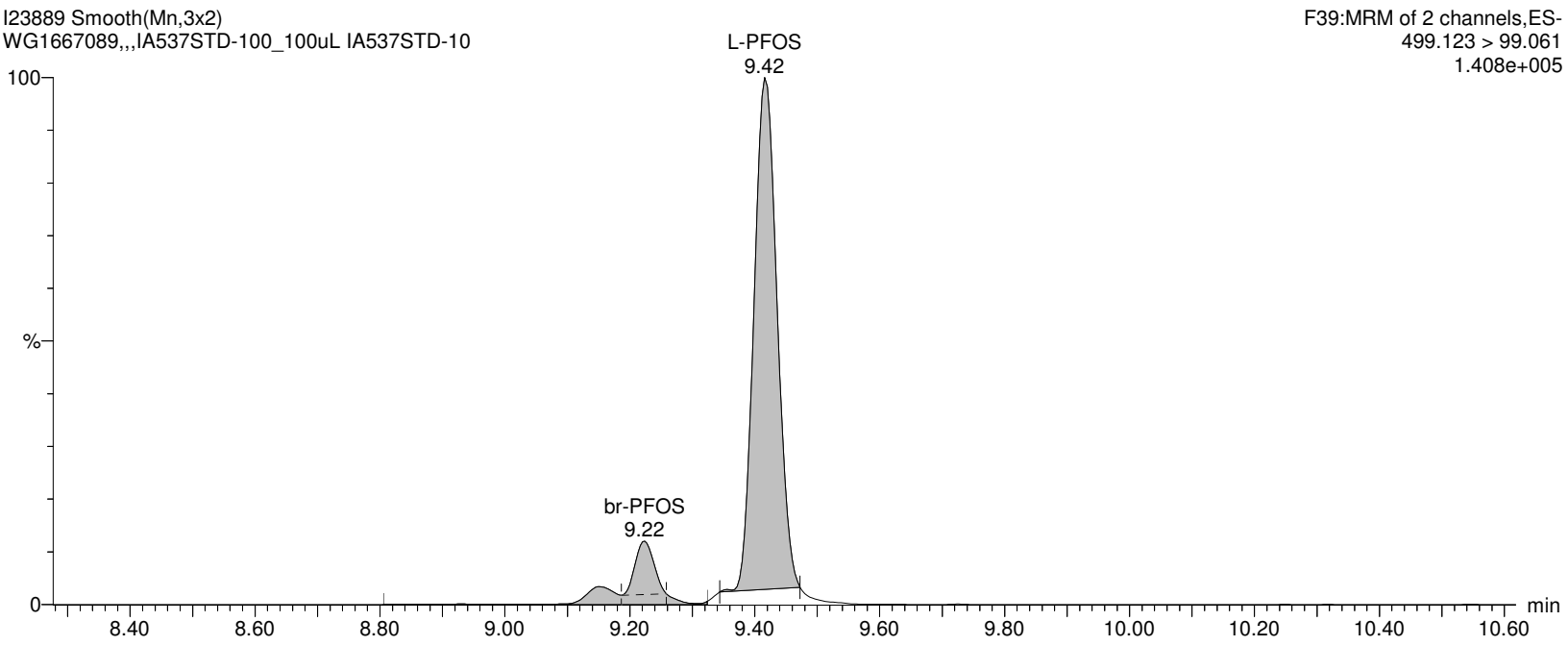
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFOS



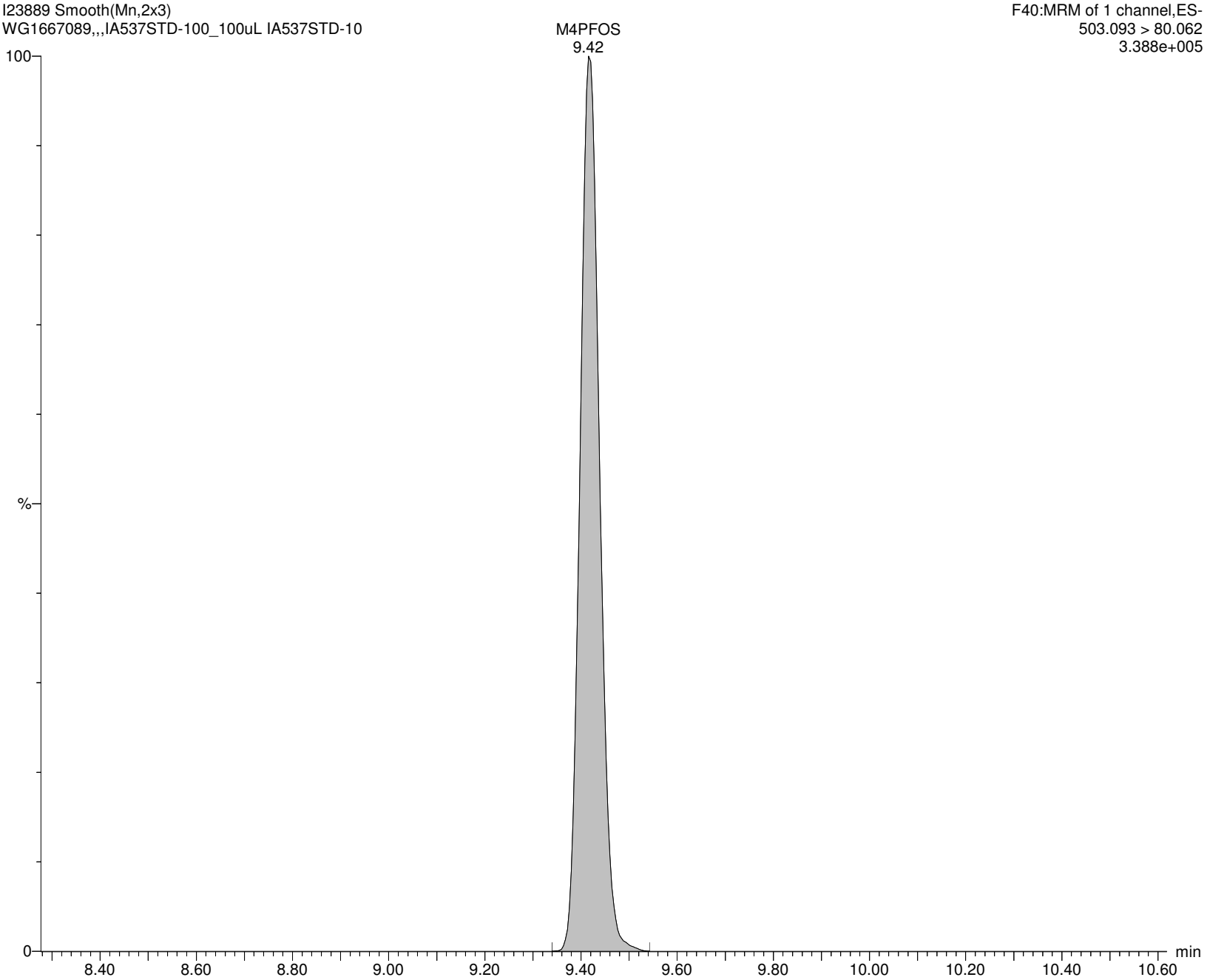


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M4PFOS

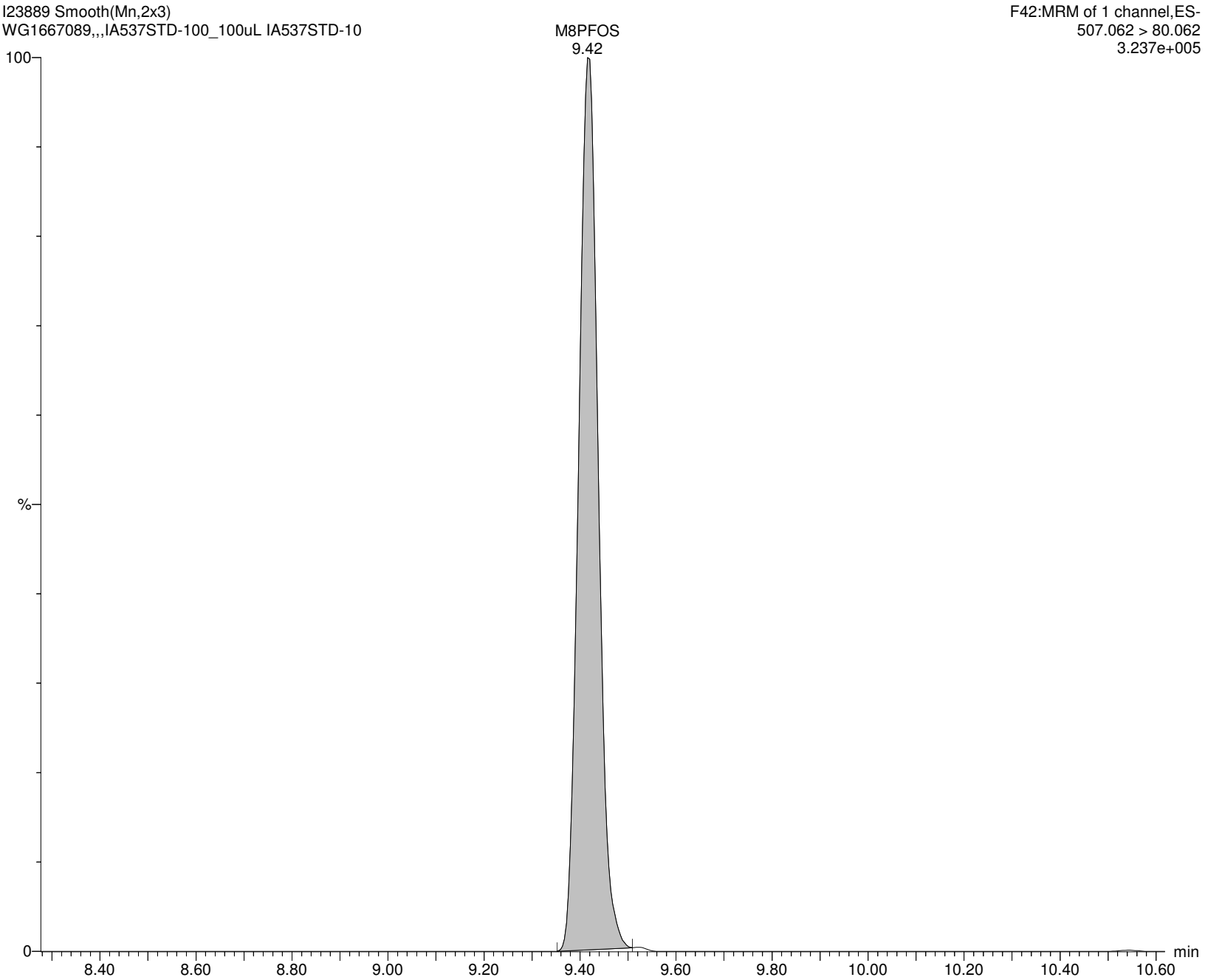


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M8PFOS

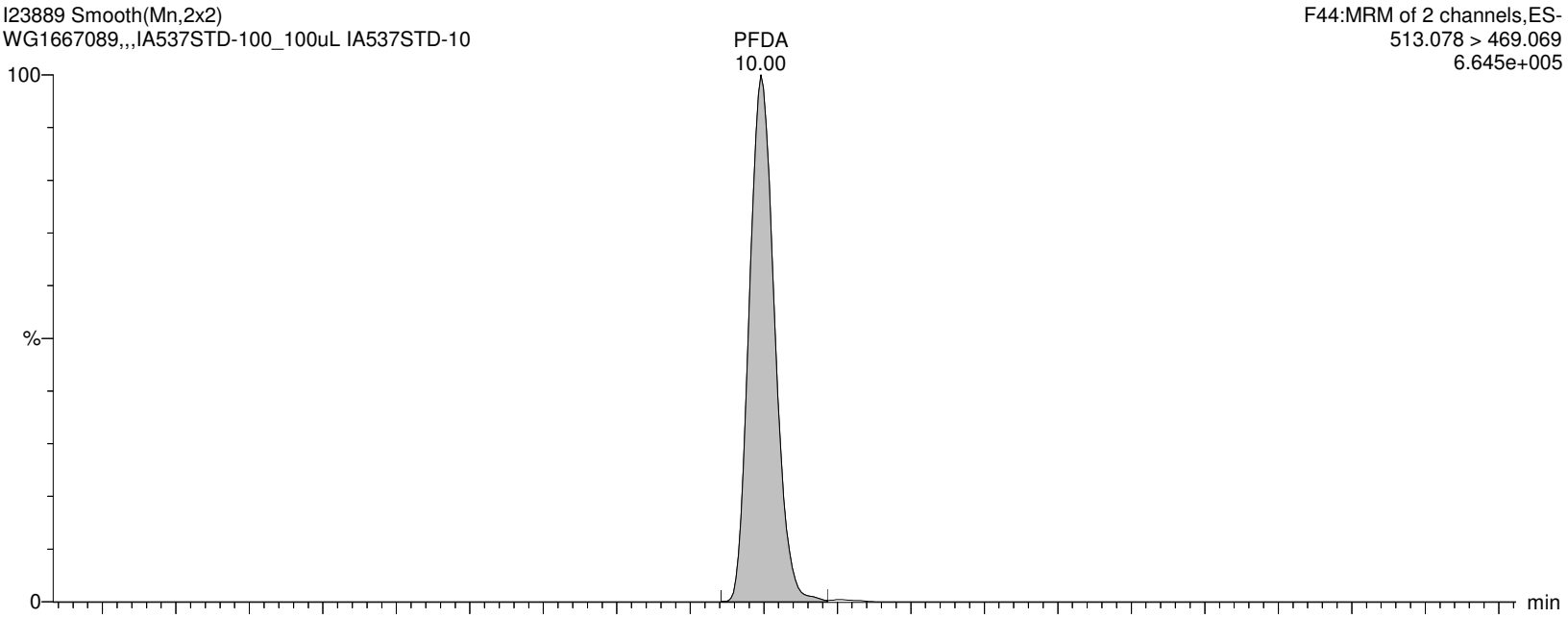


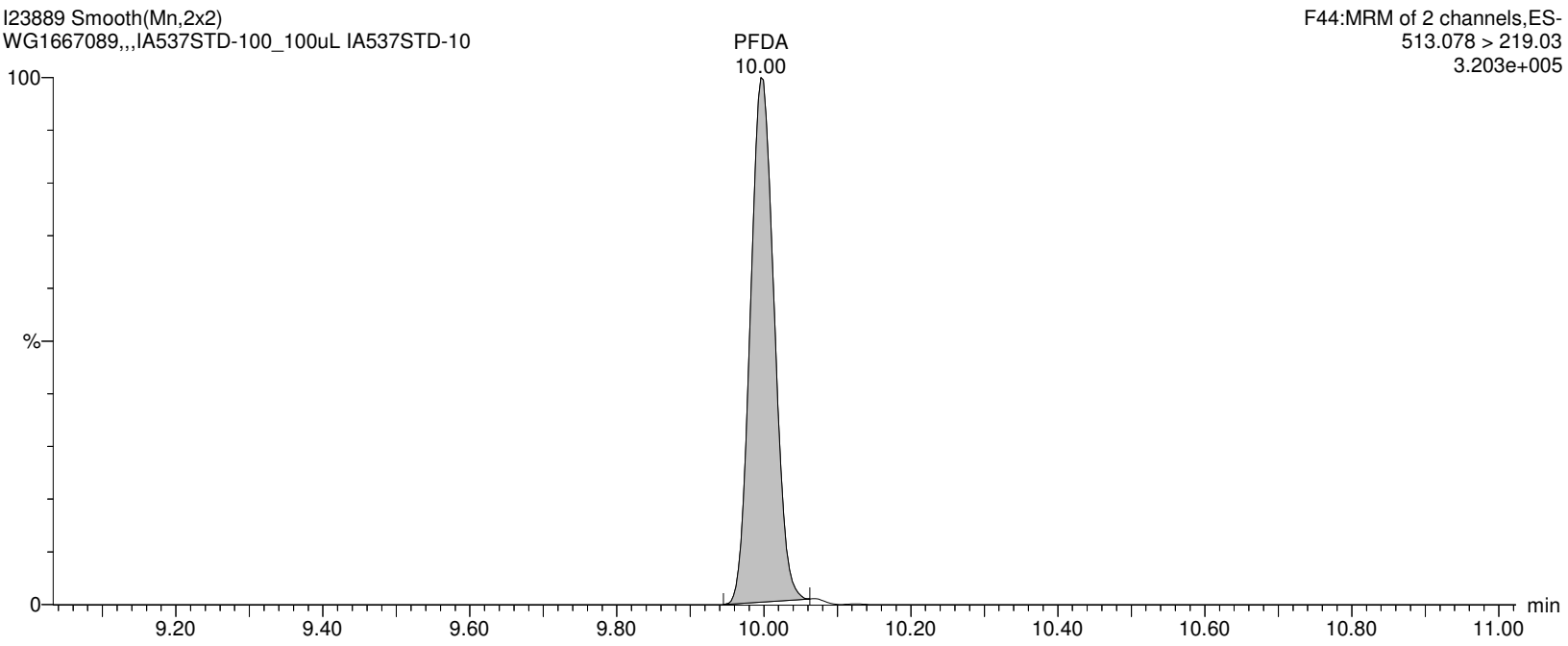
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFDA



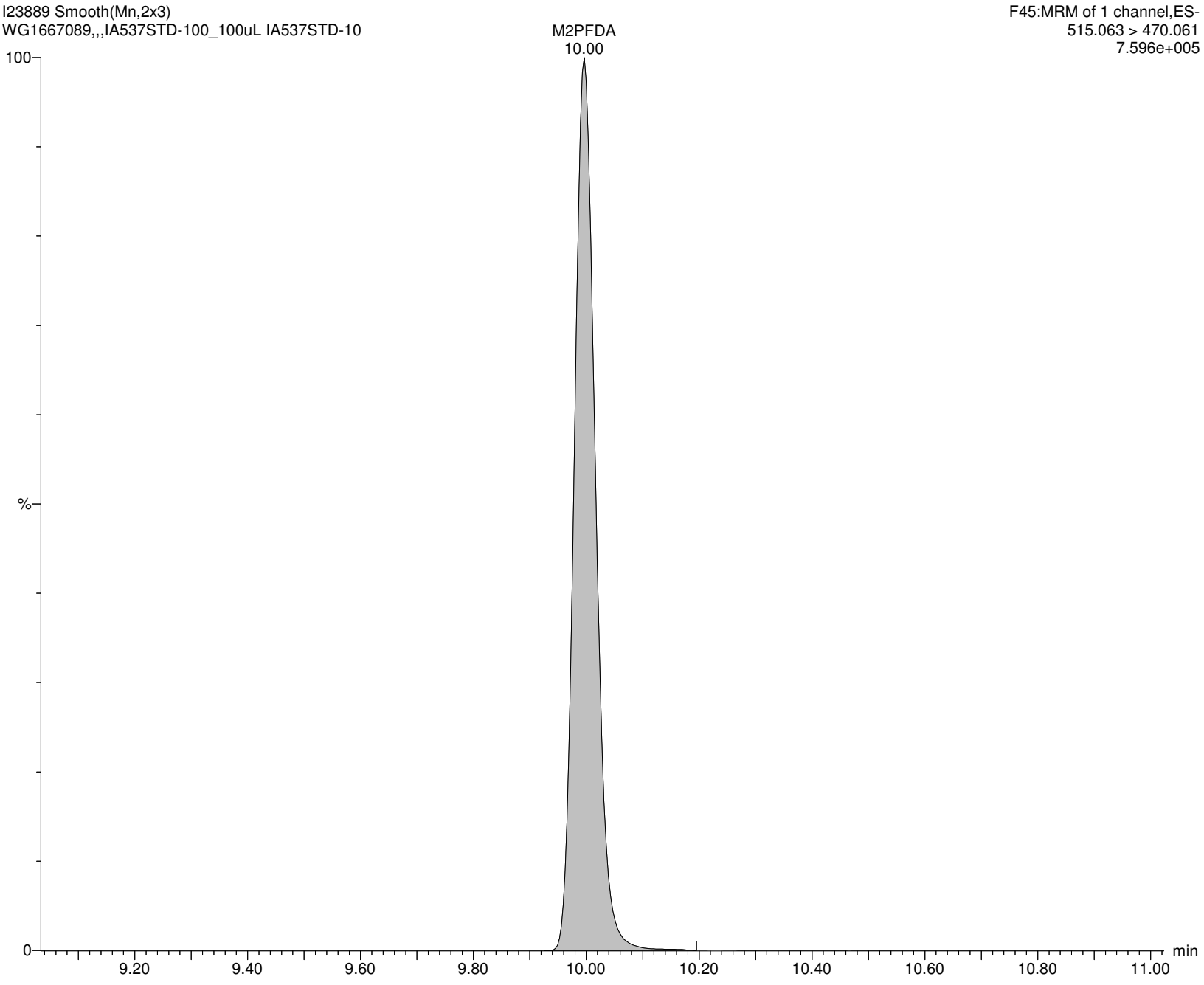


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2PFDA

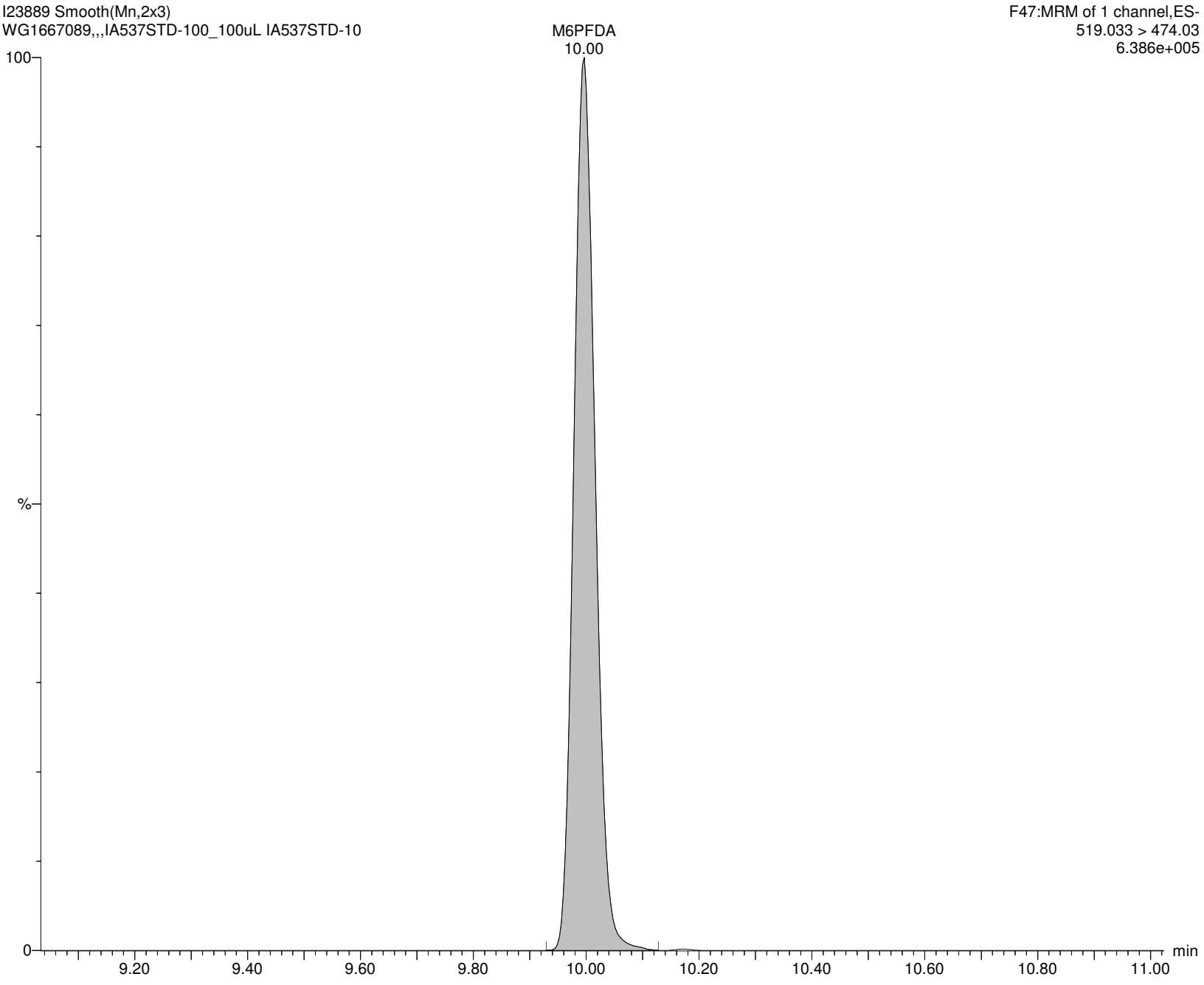


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M6PFDA

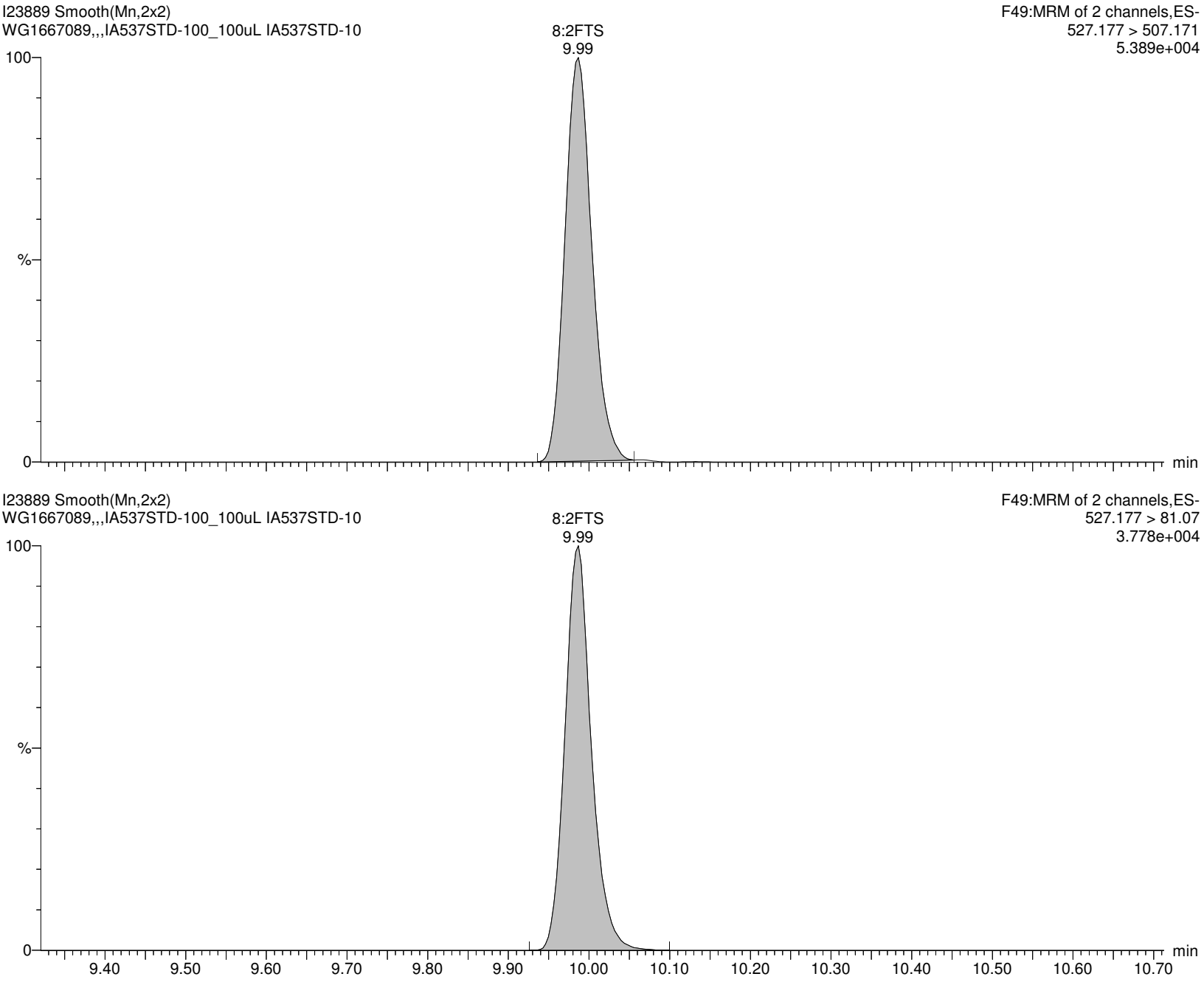


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

8:2FTS

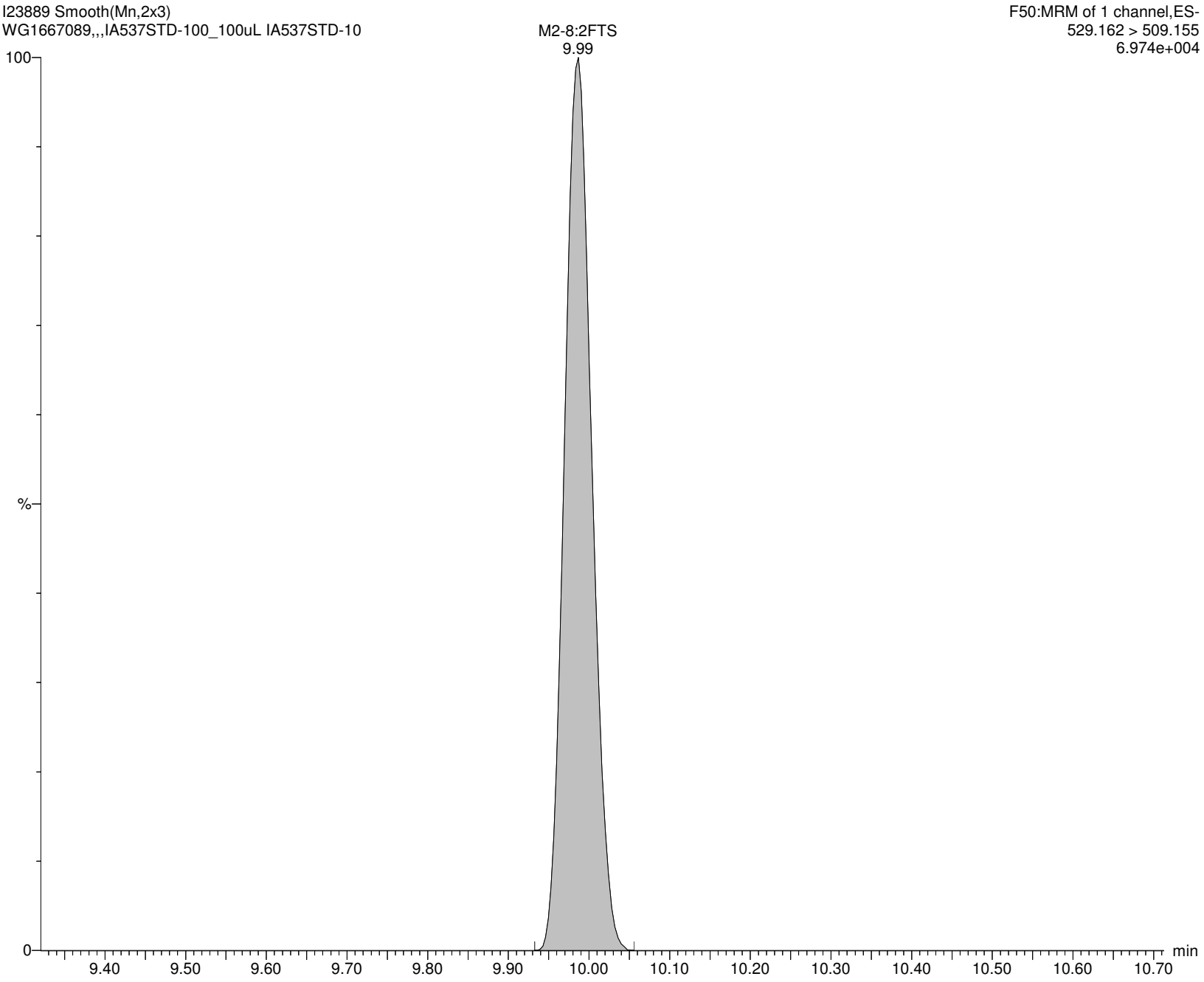


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2-8:2FTS

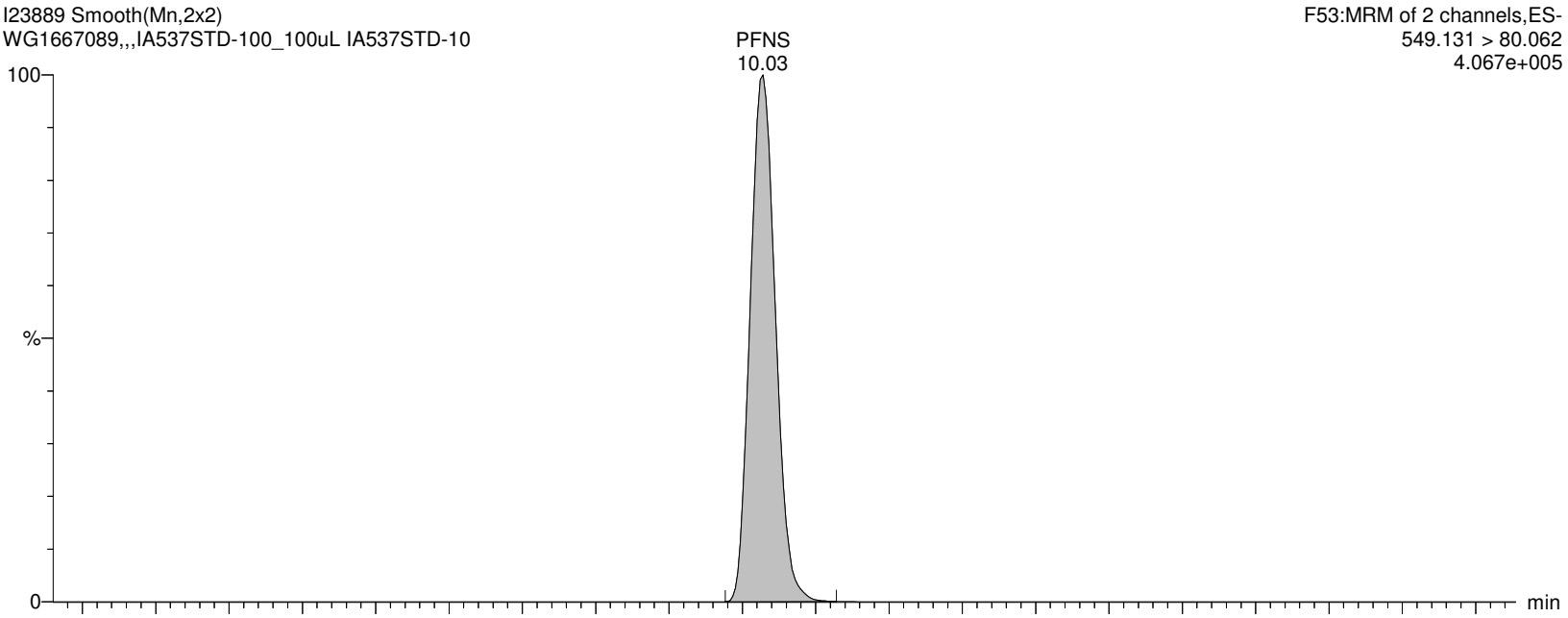


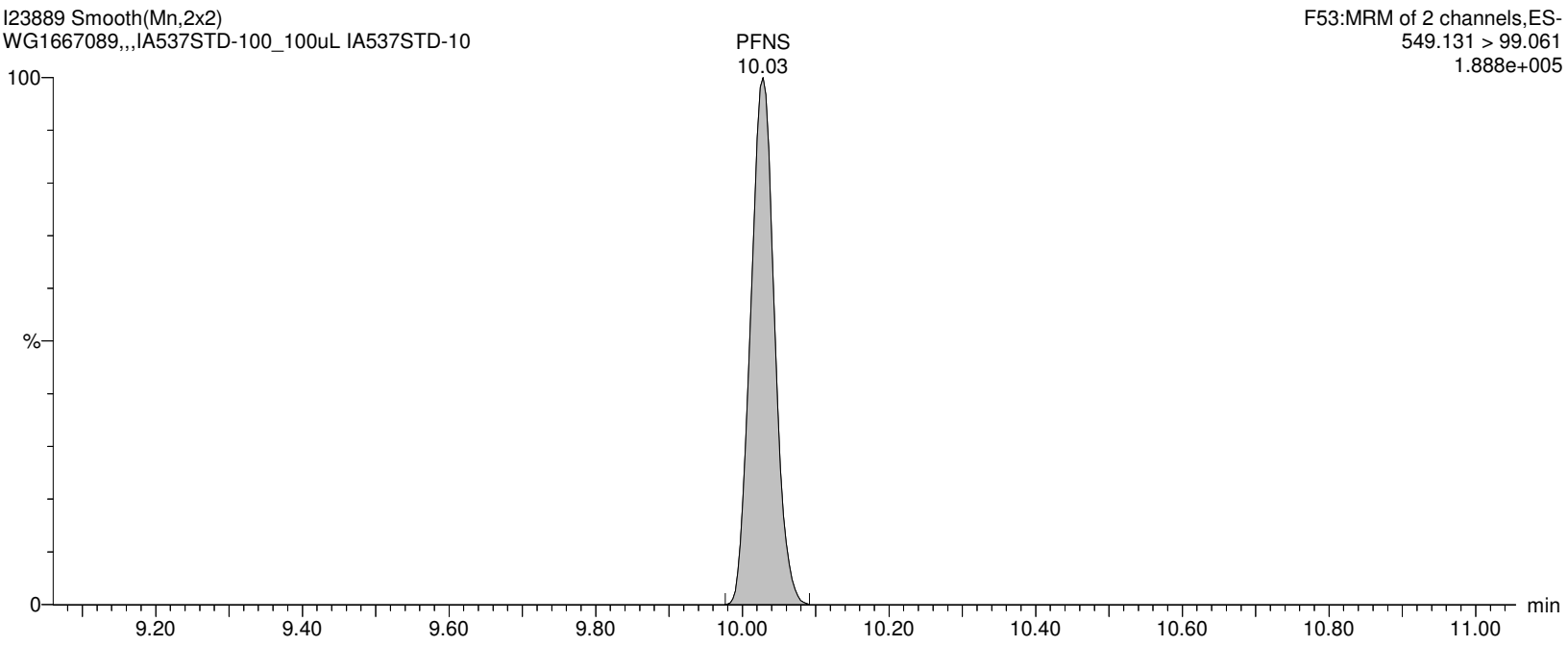
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFNS



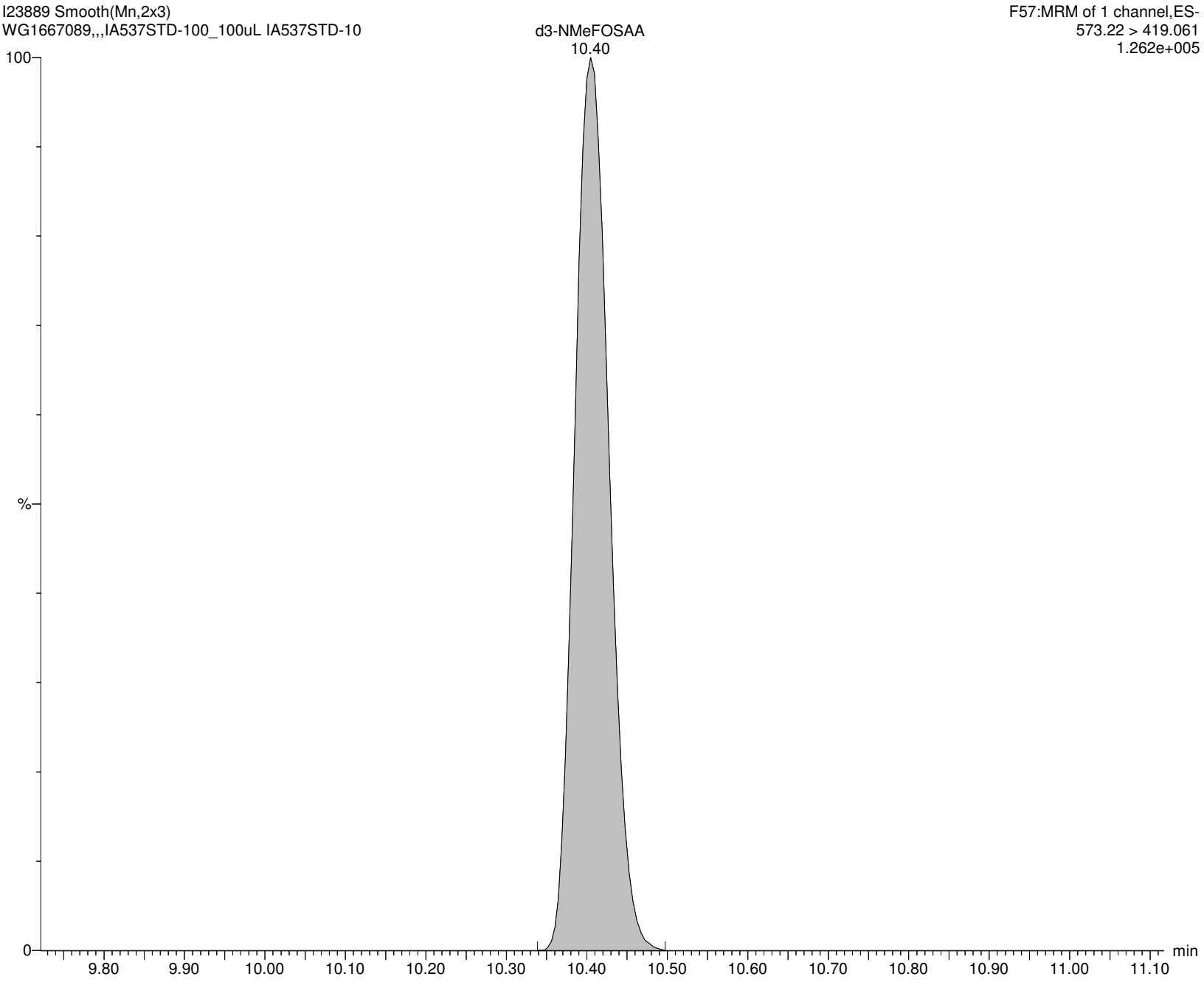


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

d3-NMeFOSAA

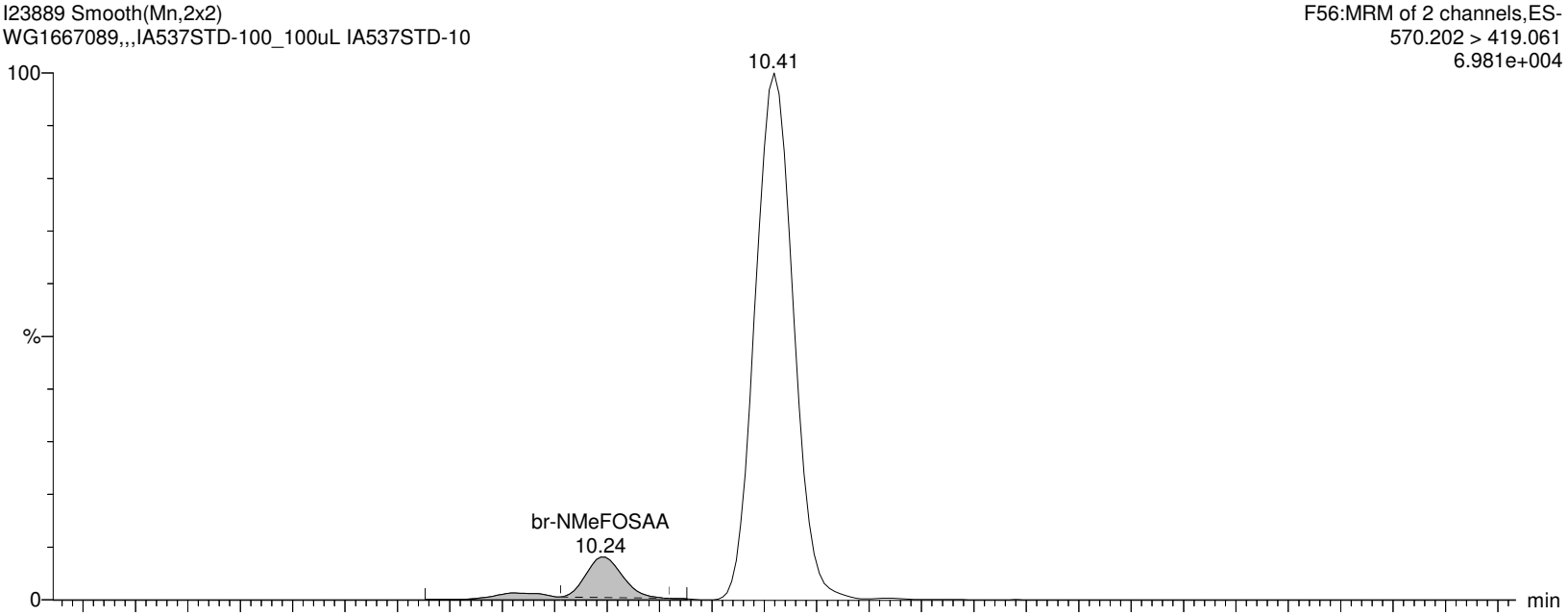


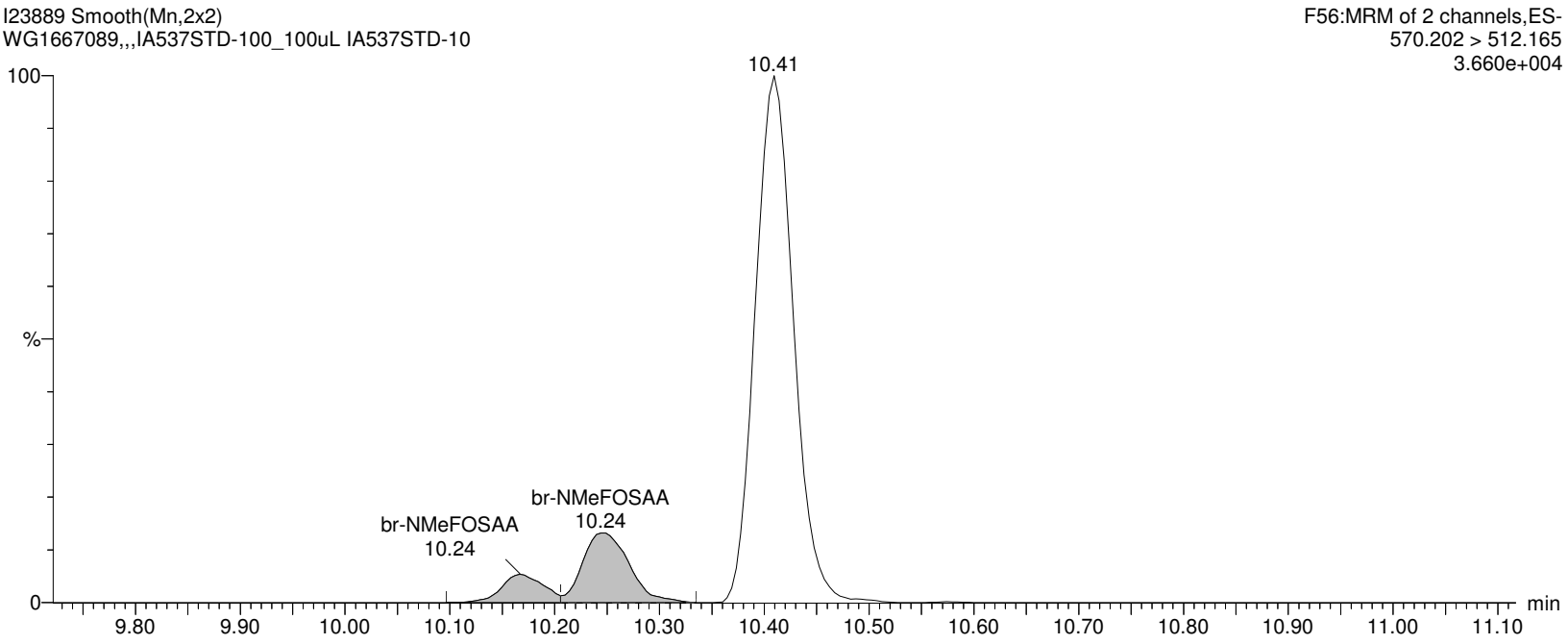
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

br-NMeFOSAA



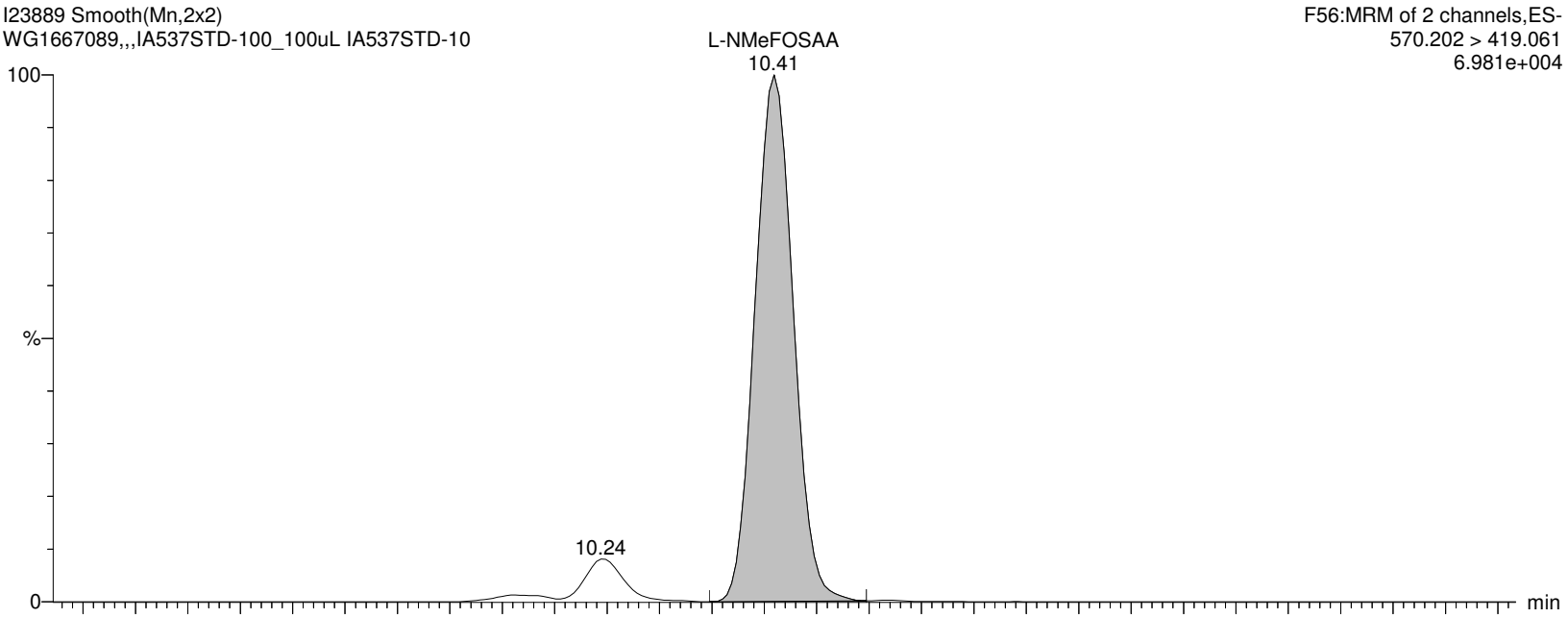


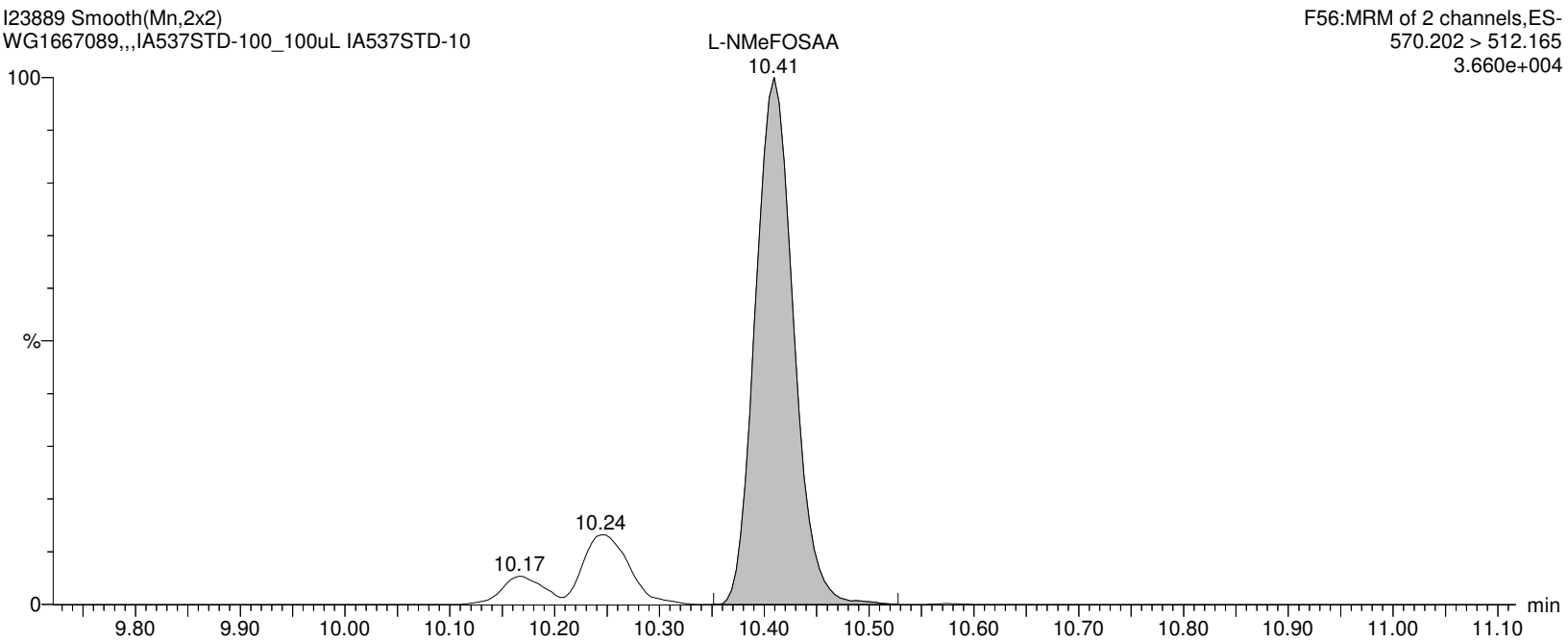
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

L-NMeFOSAA



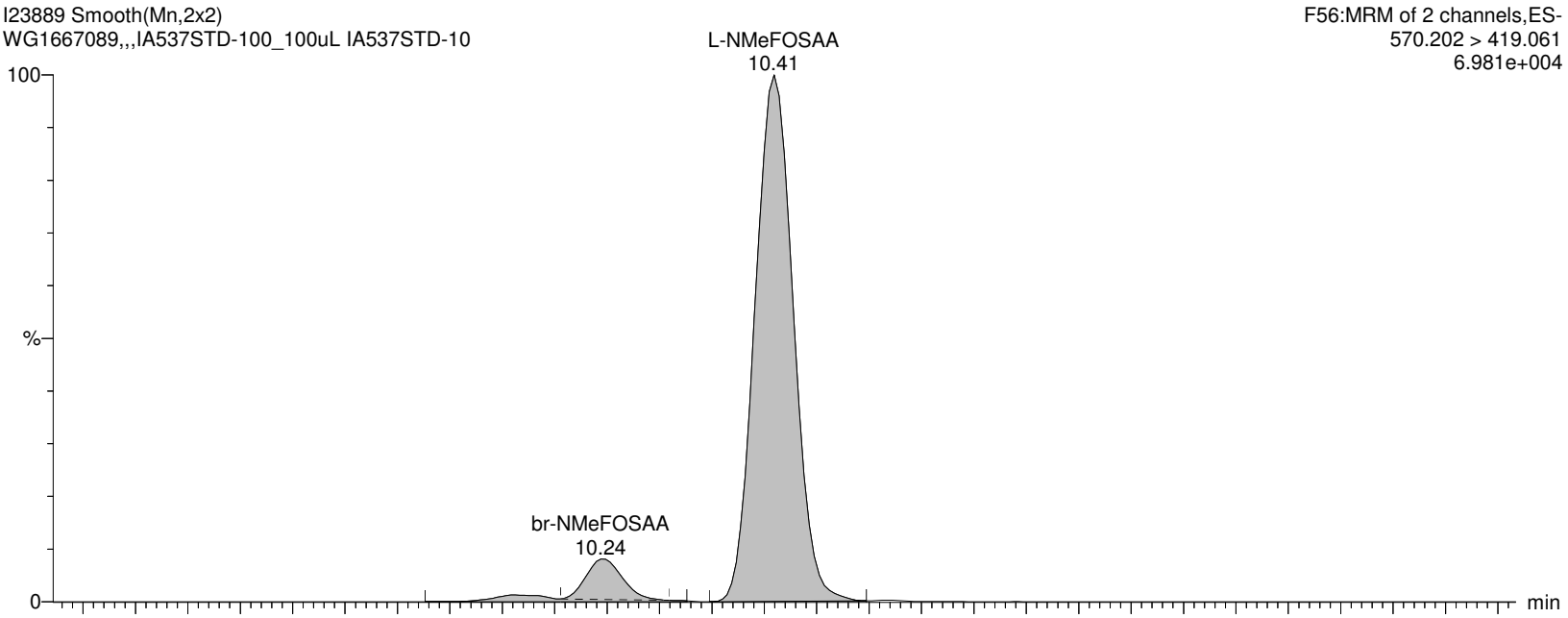


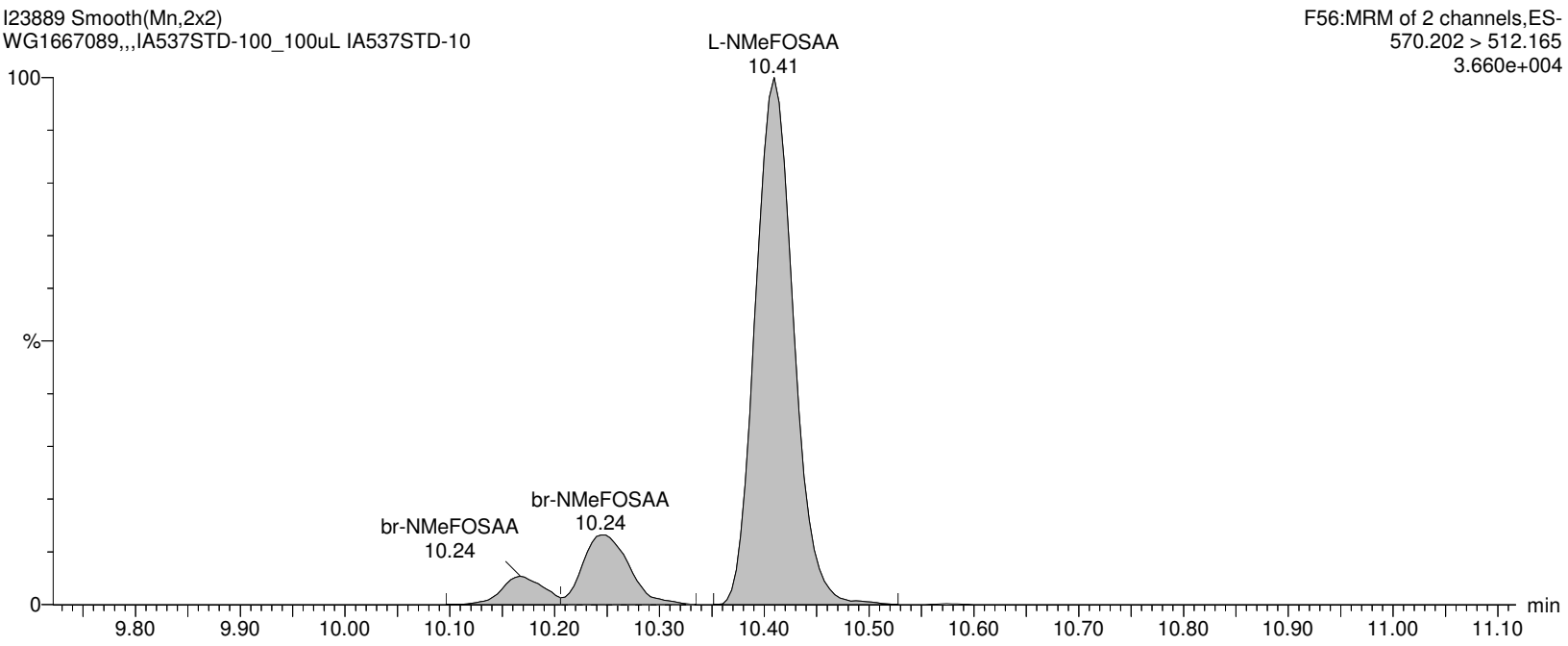
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NMeFOSAA



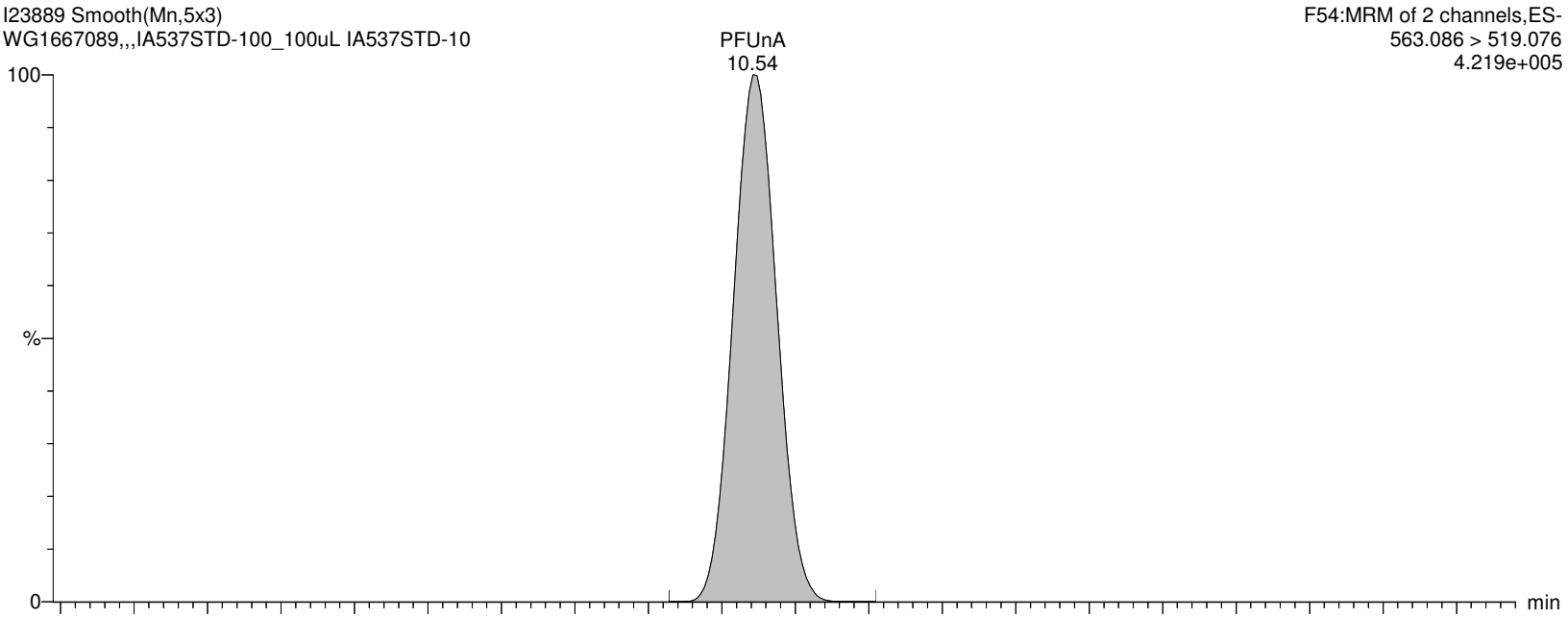


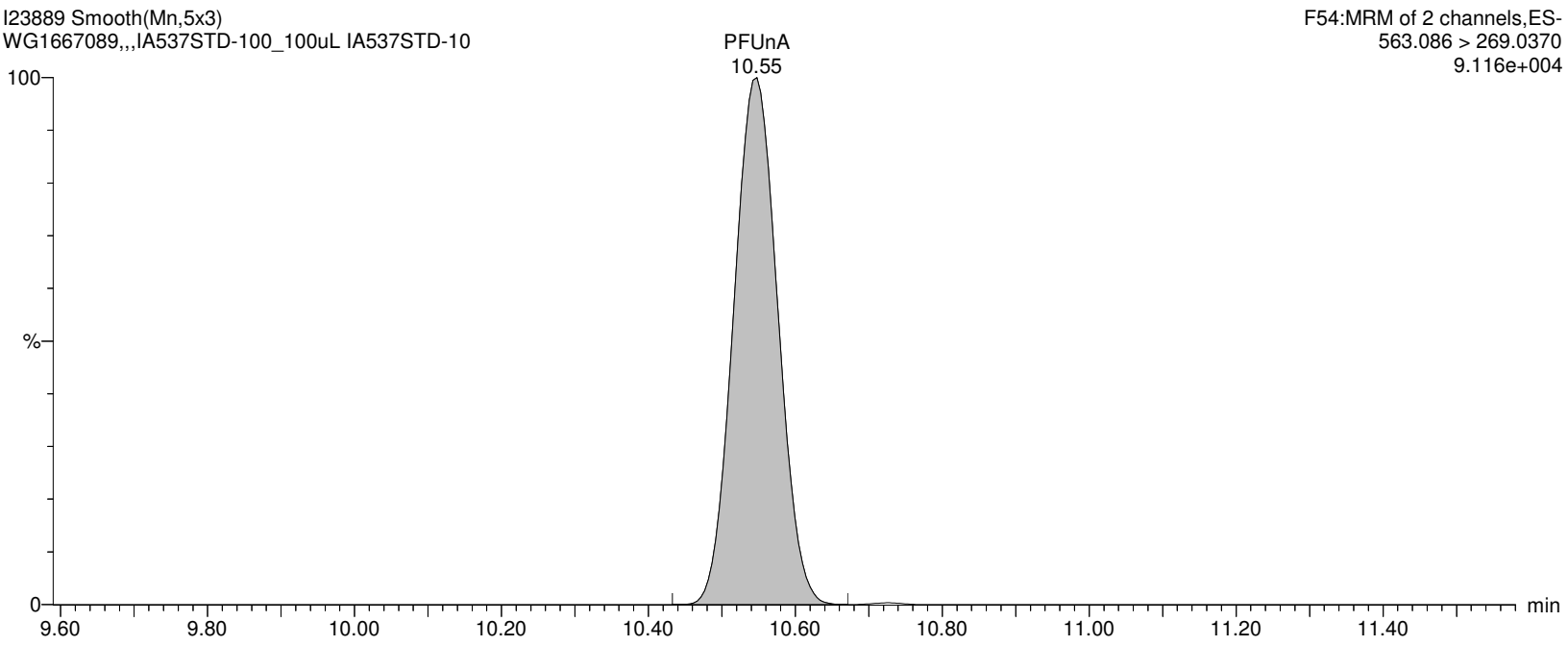
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFUnA



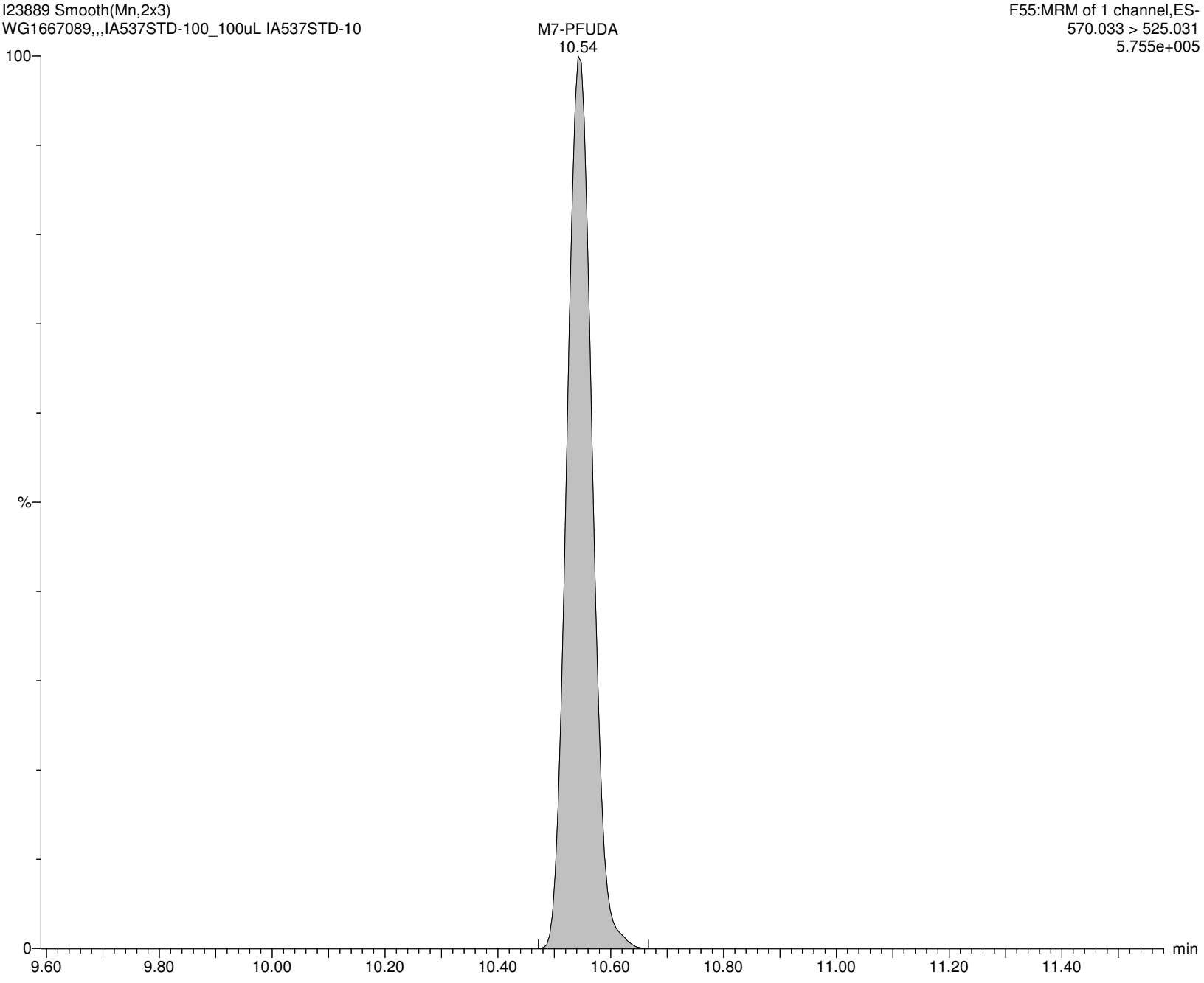


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M7-PFUDA

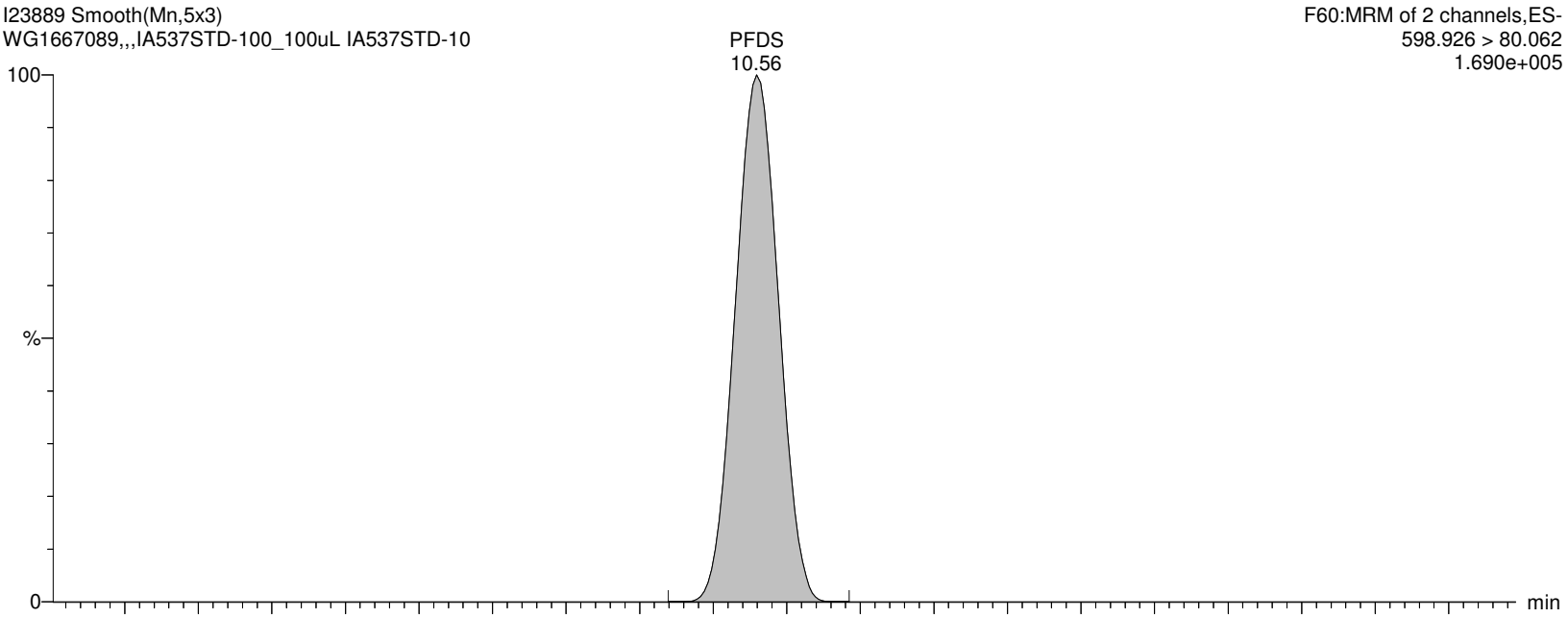


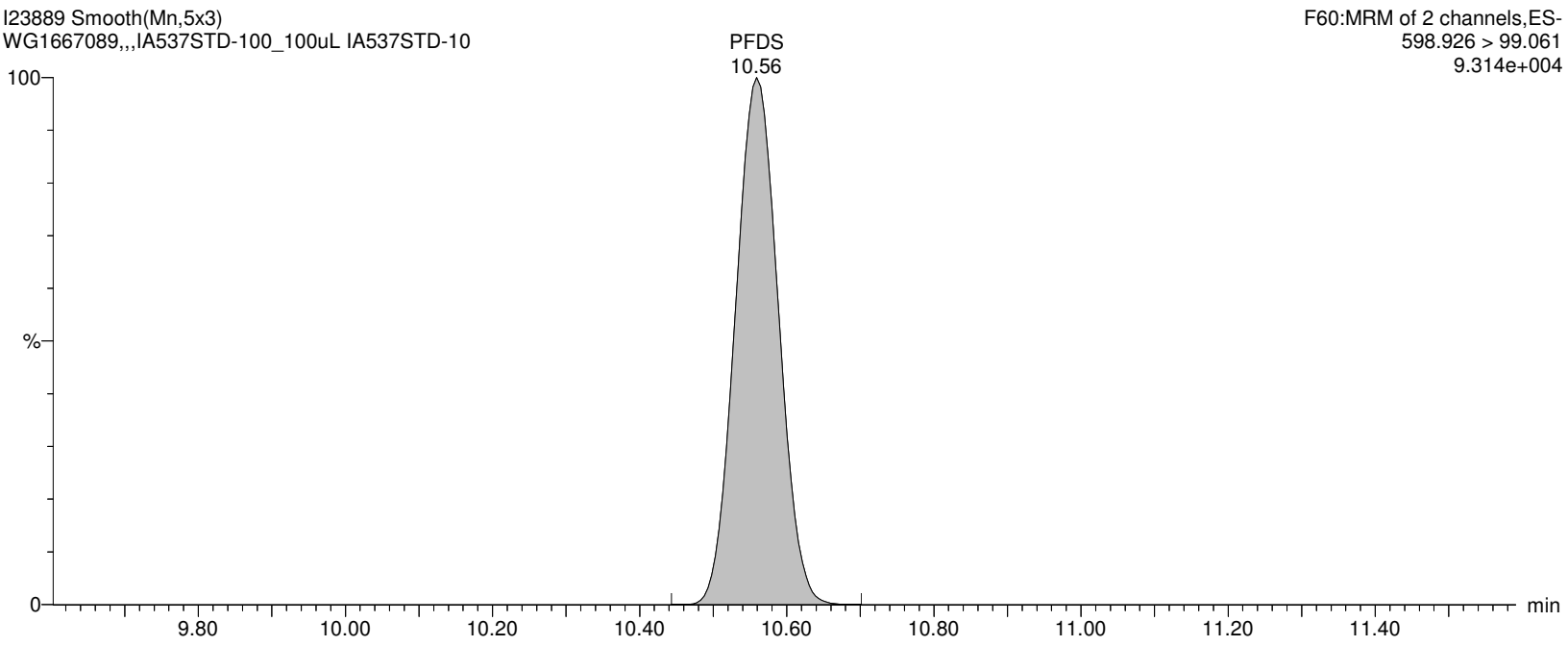
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFDS



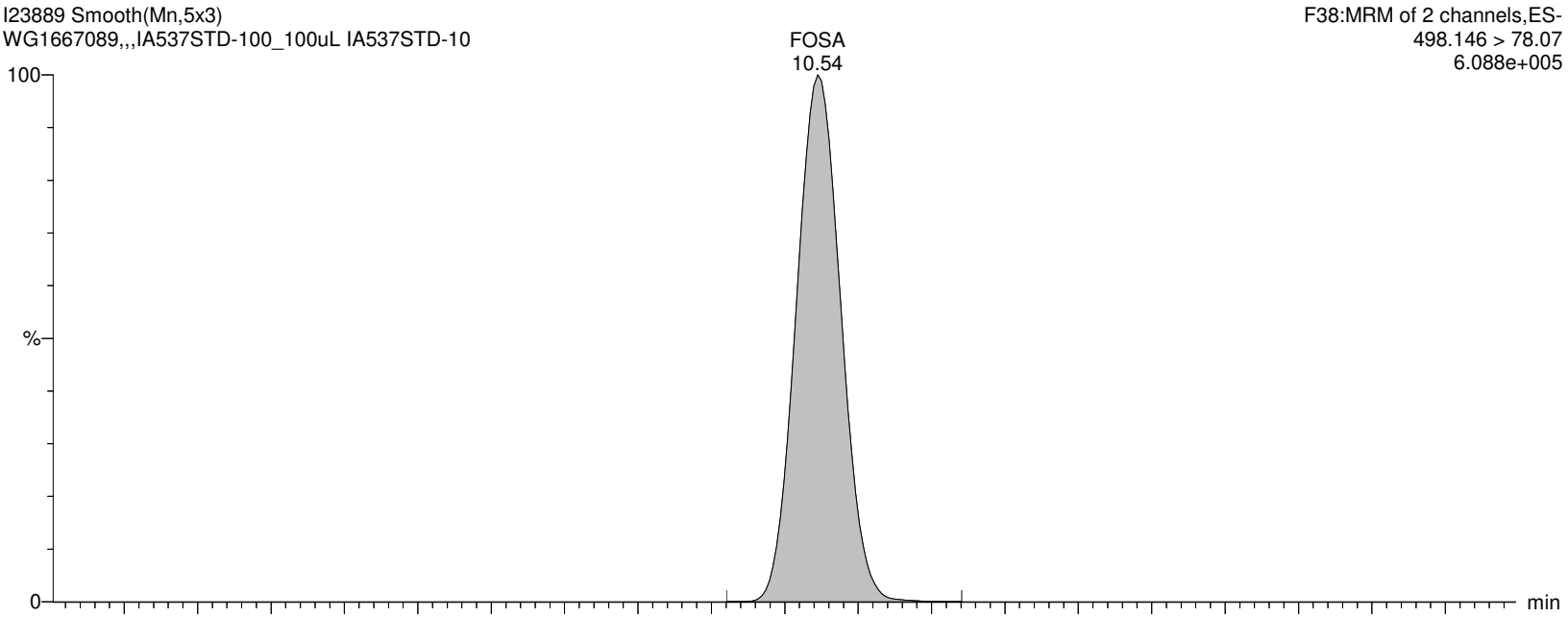


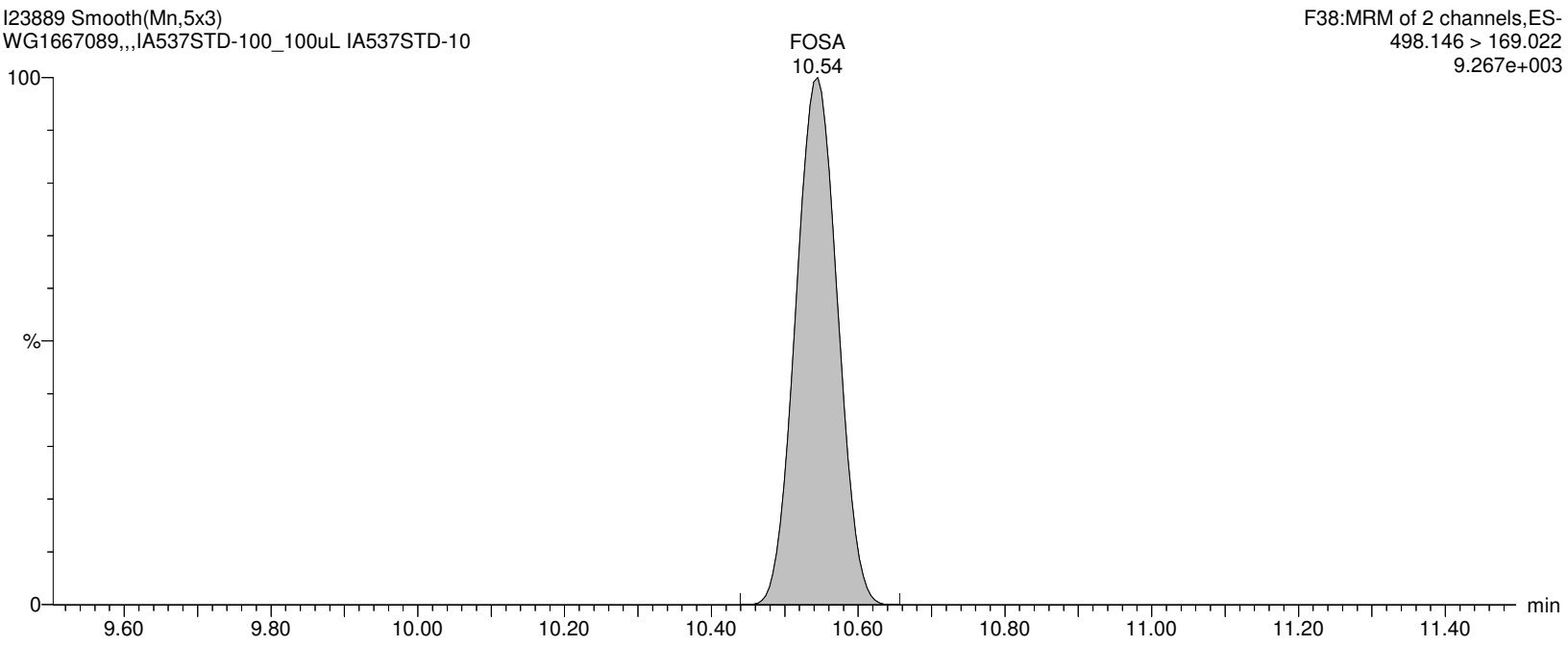
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

FOSA



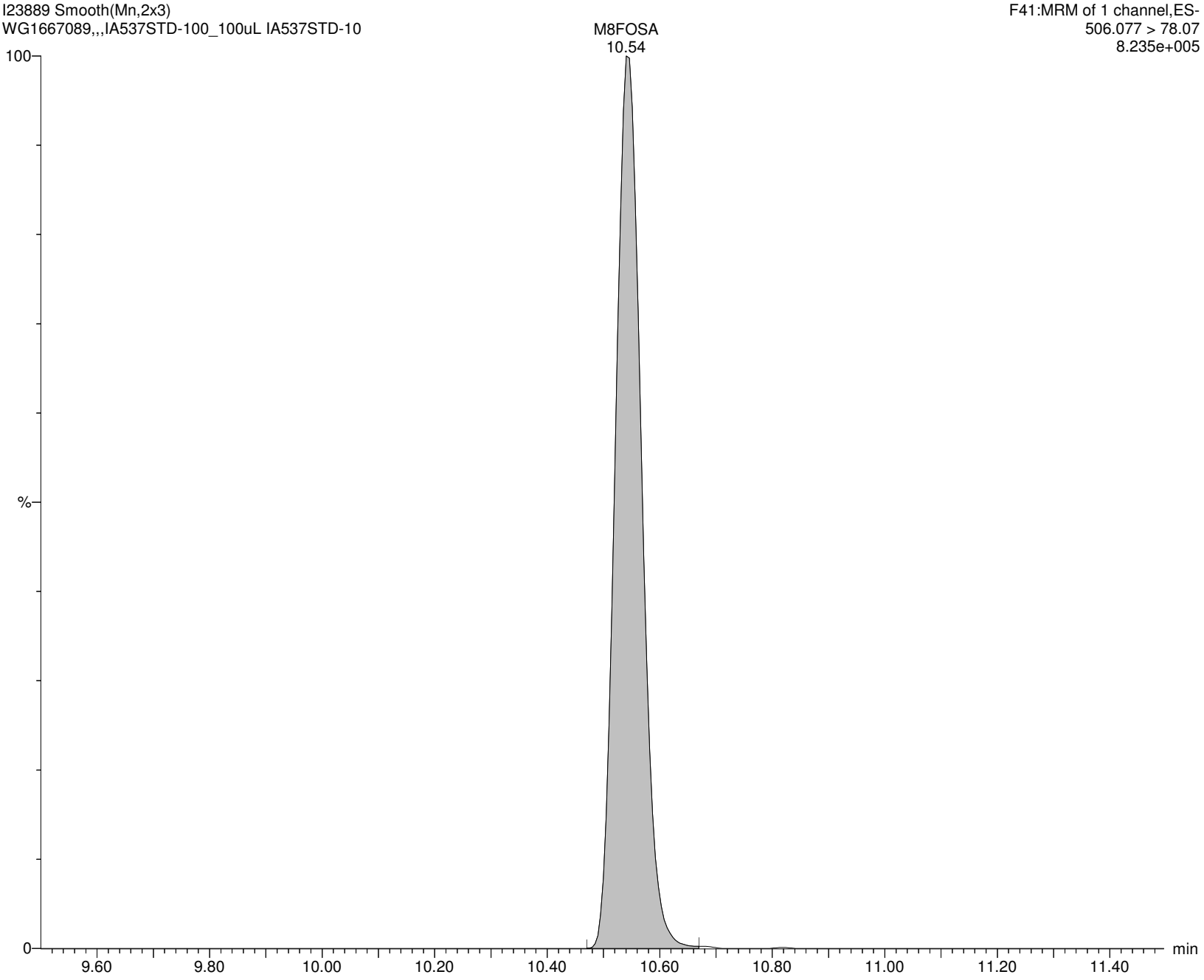


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M8FOSA

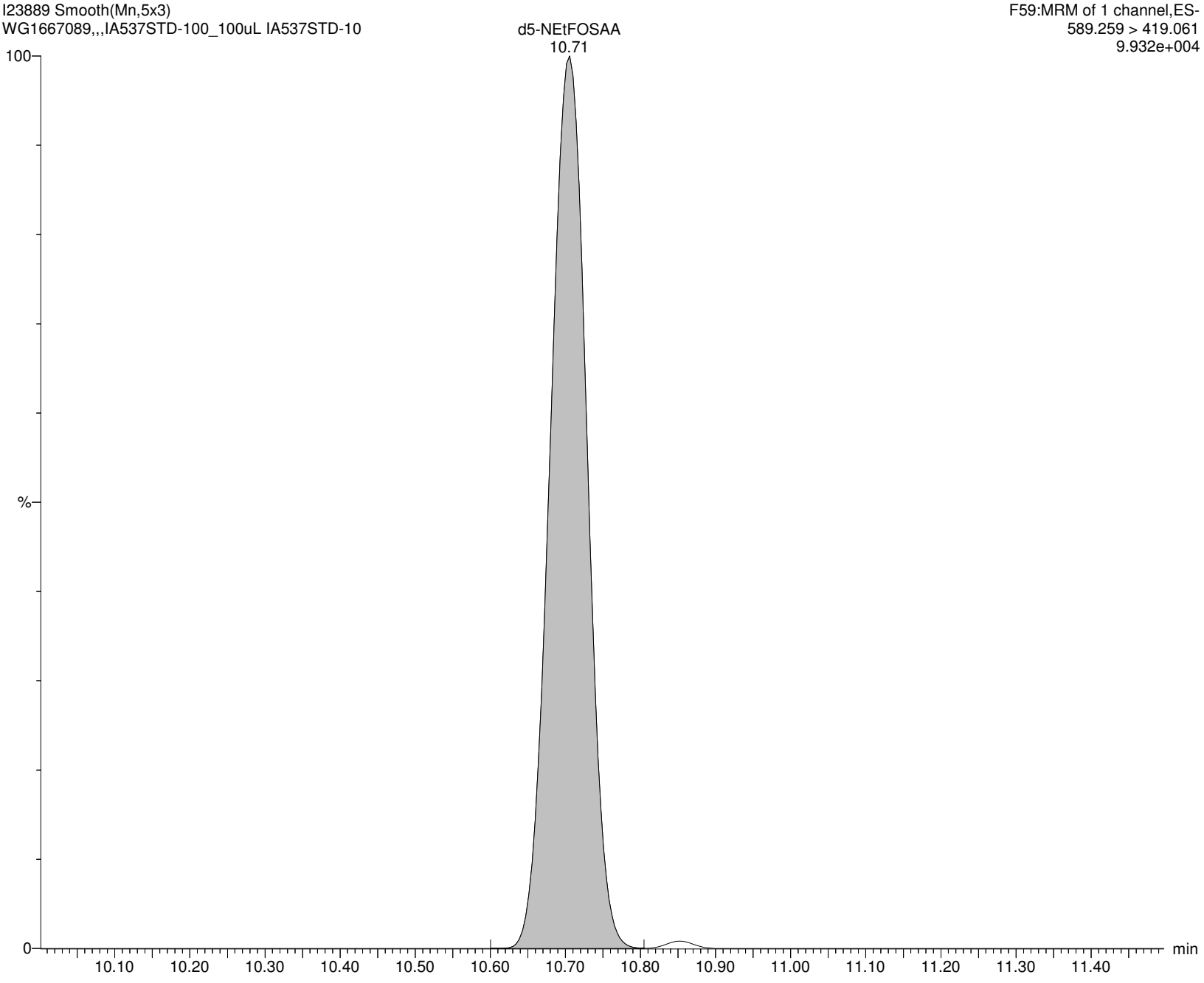


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

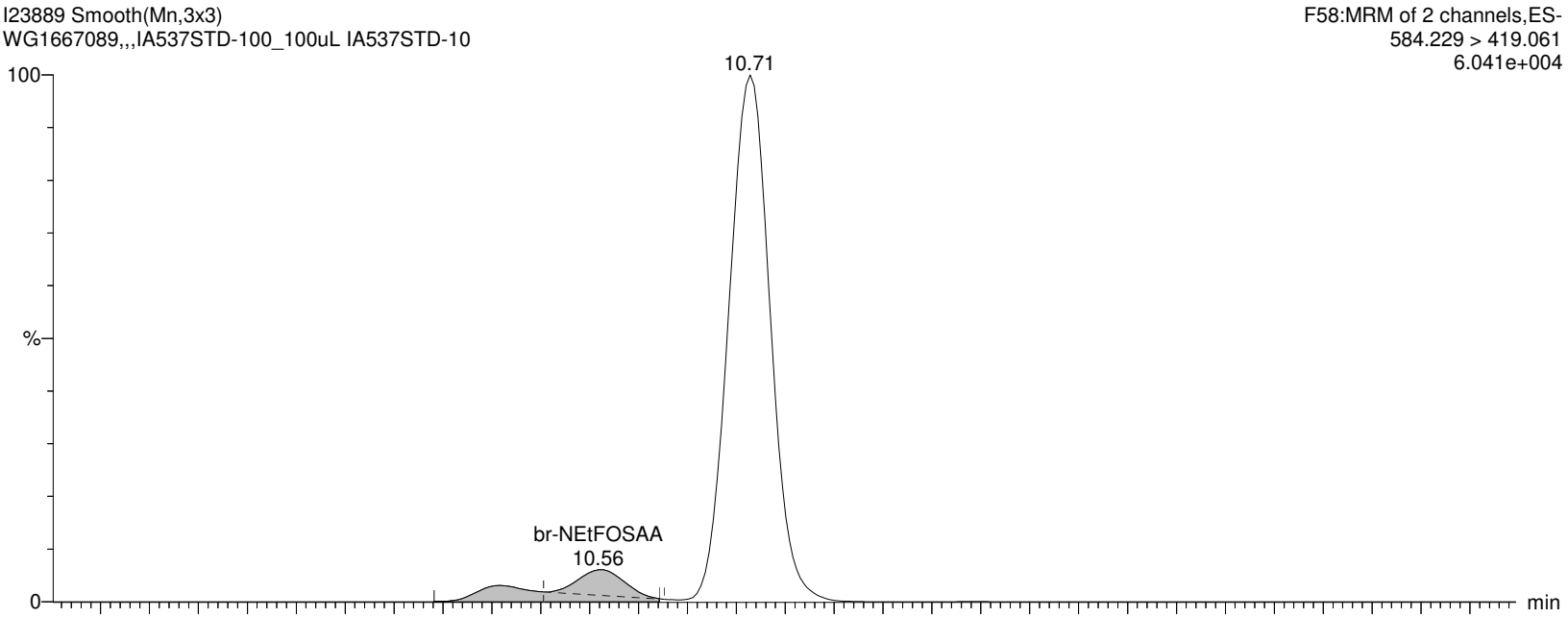
d5-NEtFOSAA

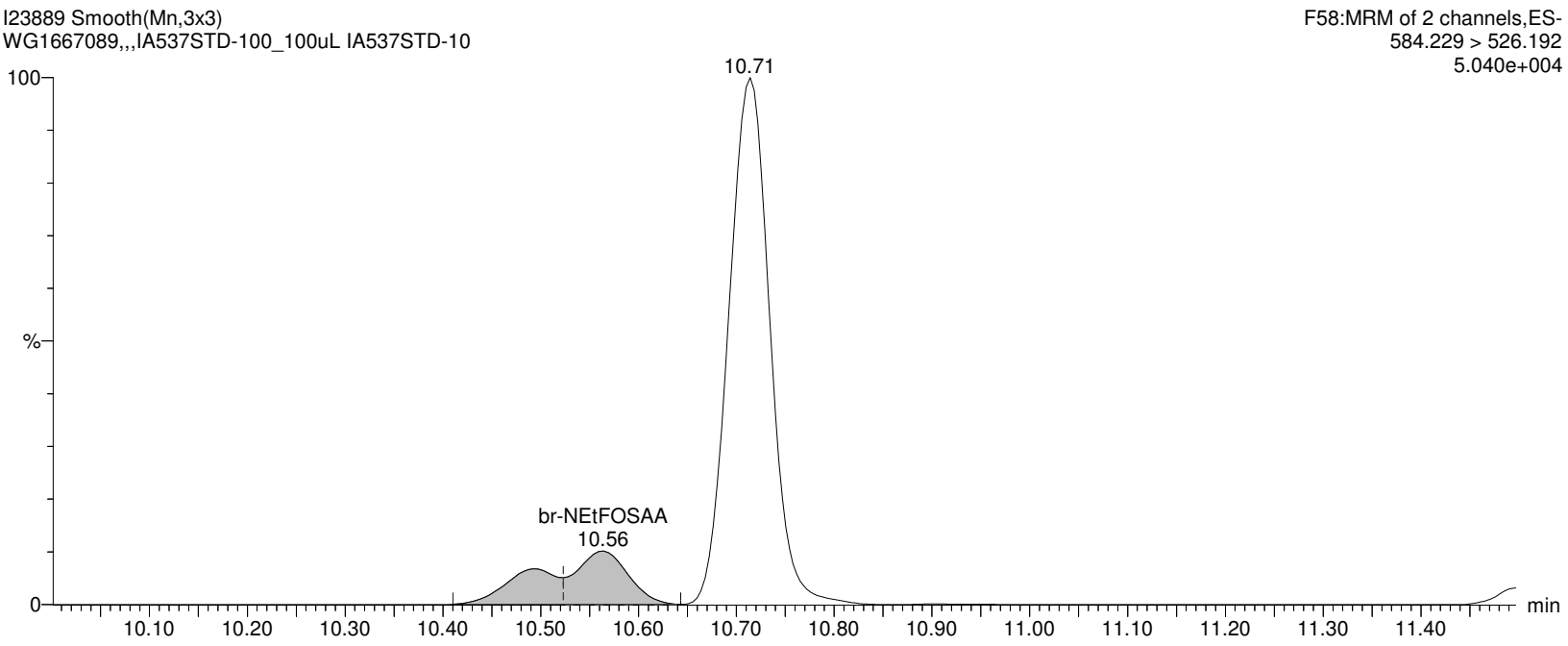


all concentration units in (ng/mL)

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

br-NEtFOSAA



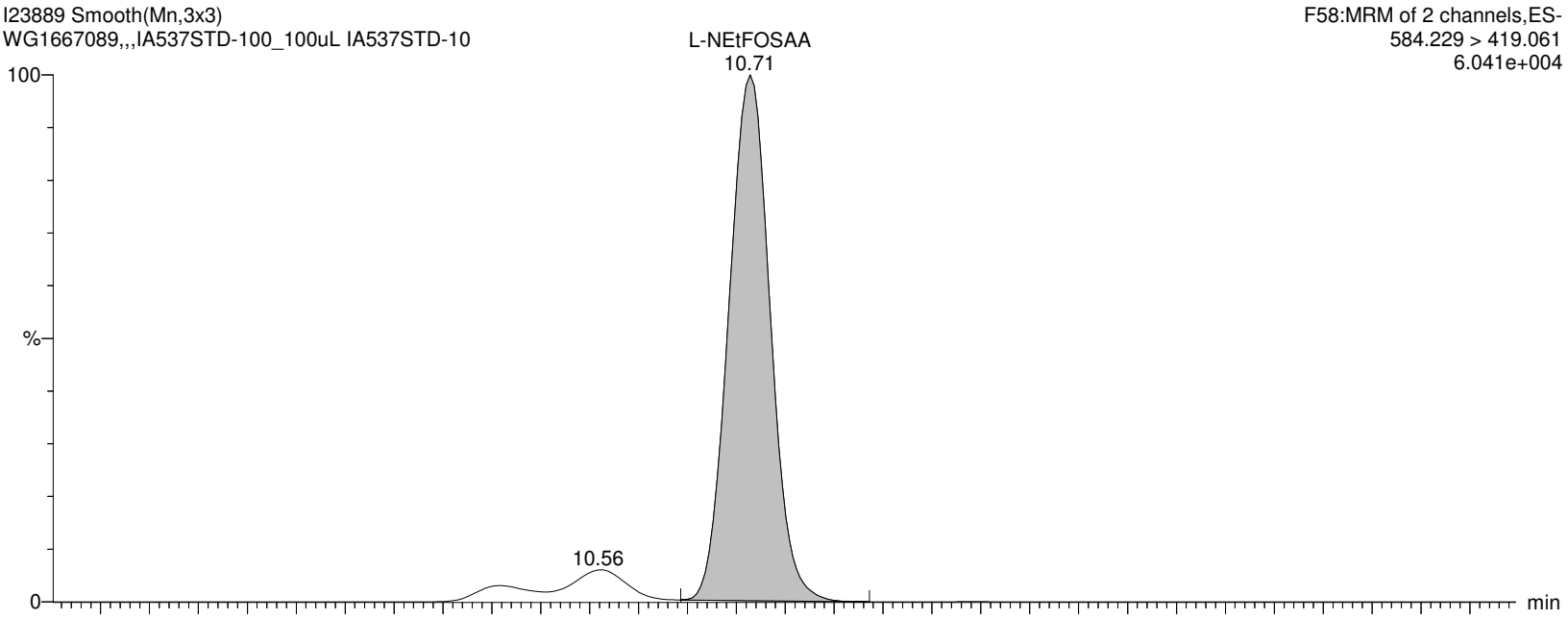


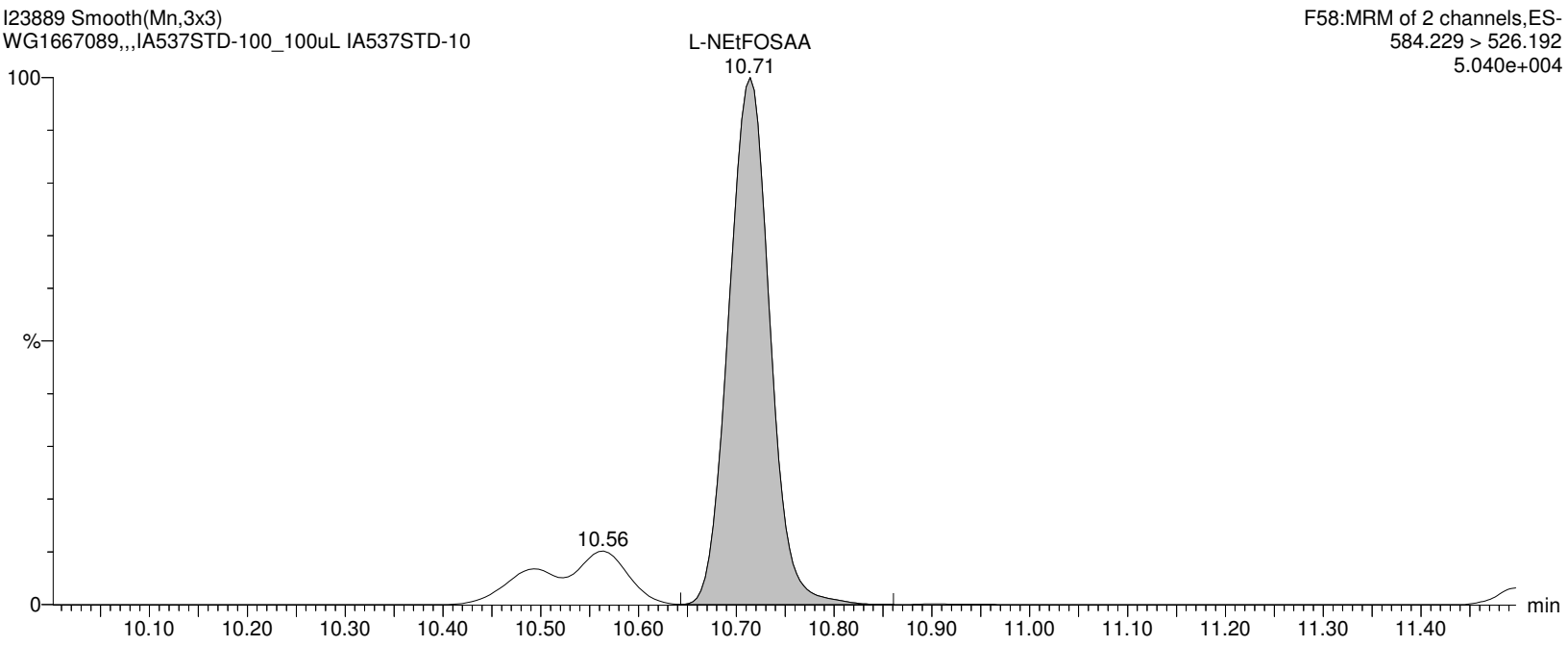
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

L-NEtFOSAA



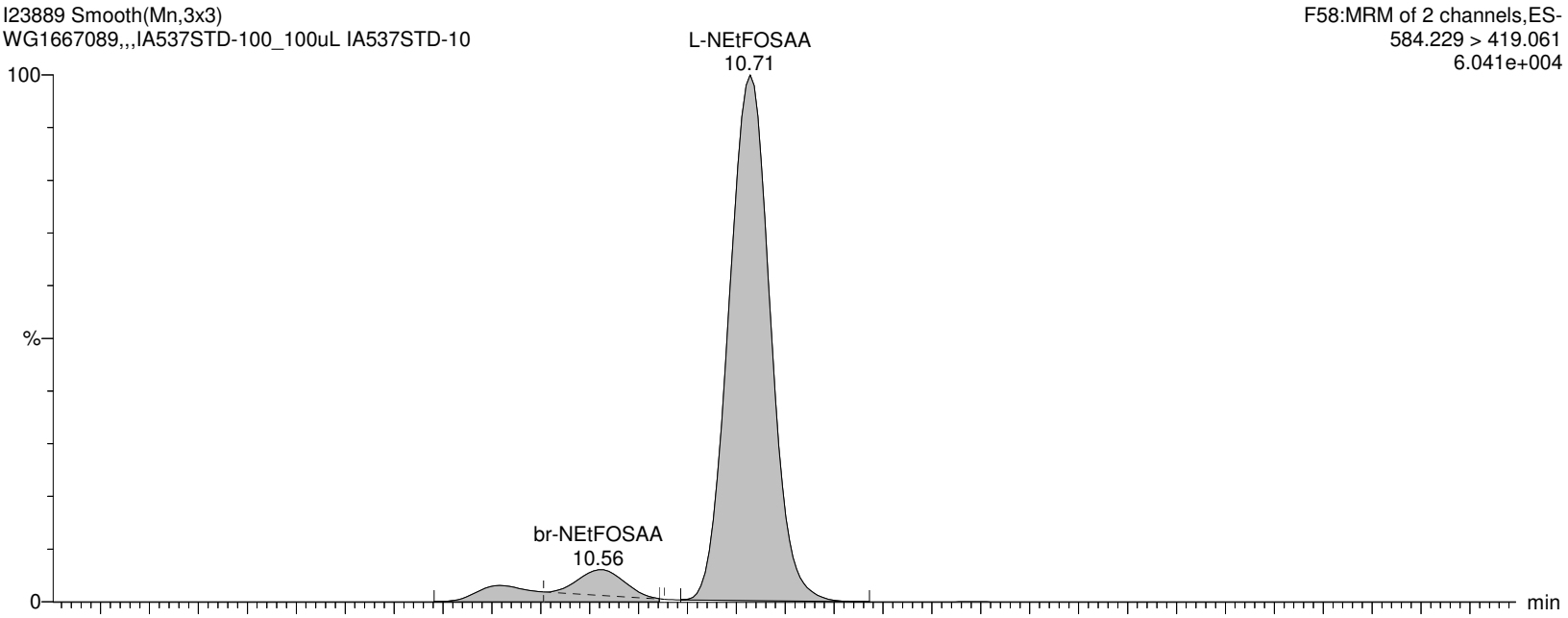


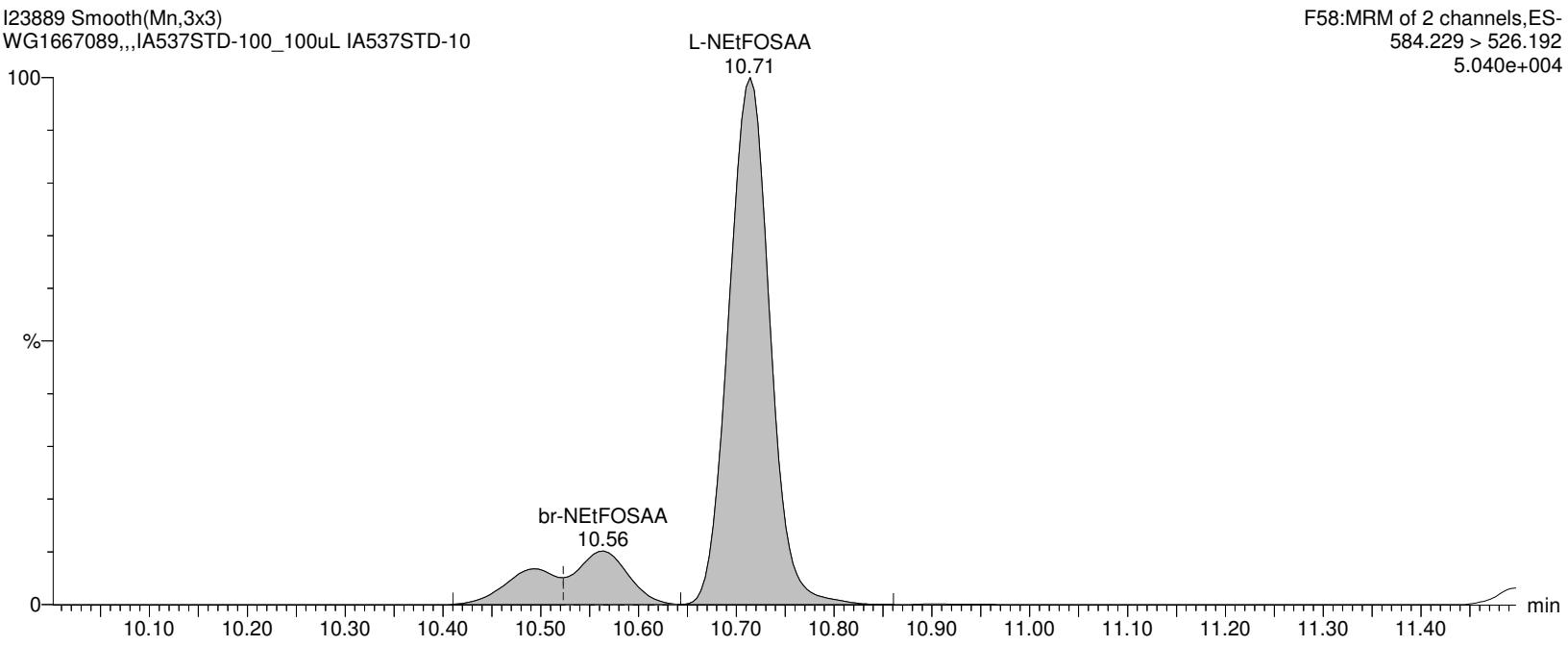
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NEtFOSAA



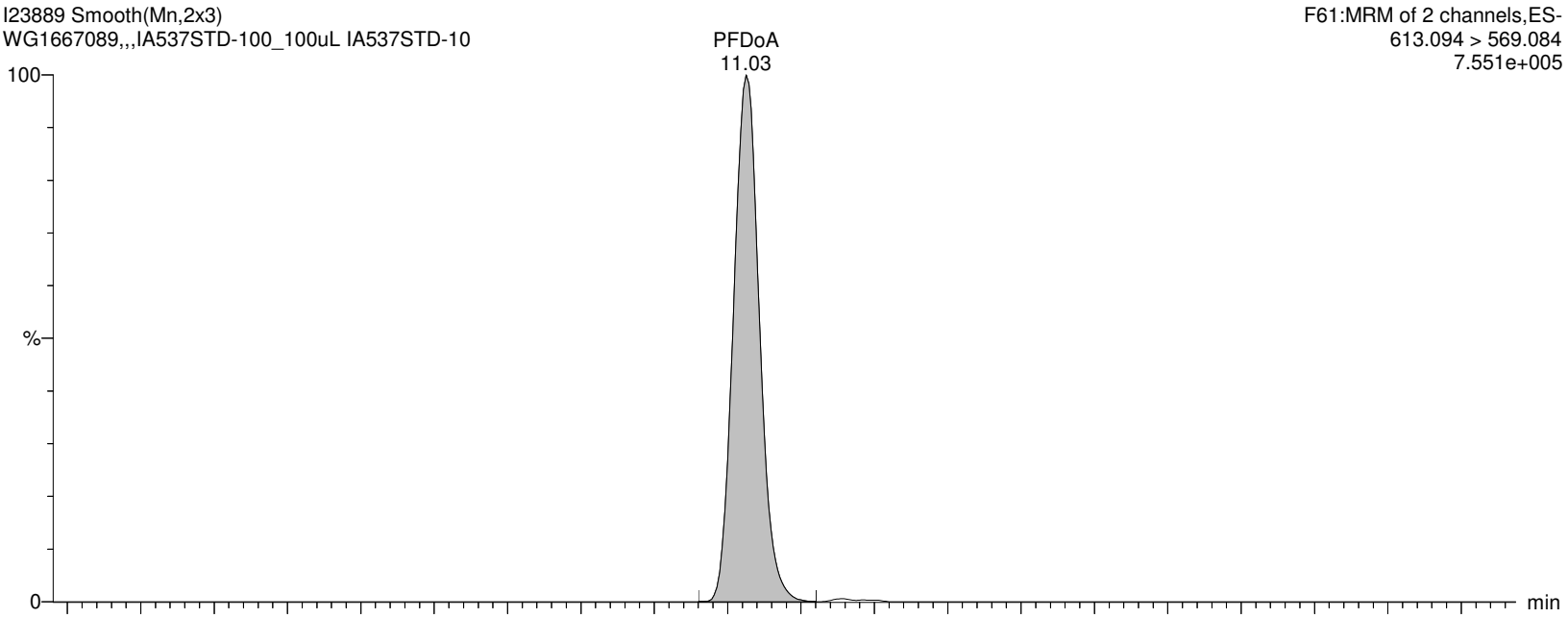


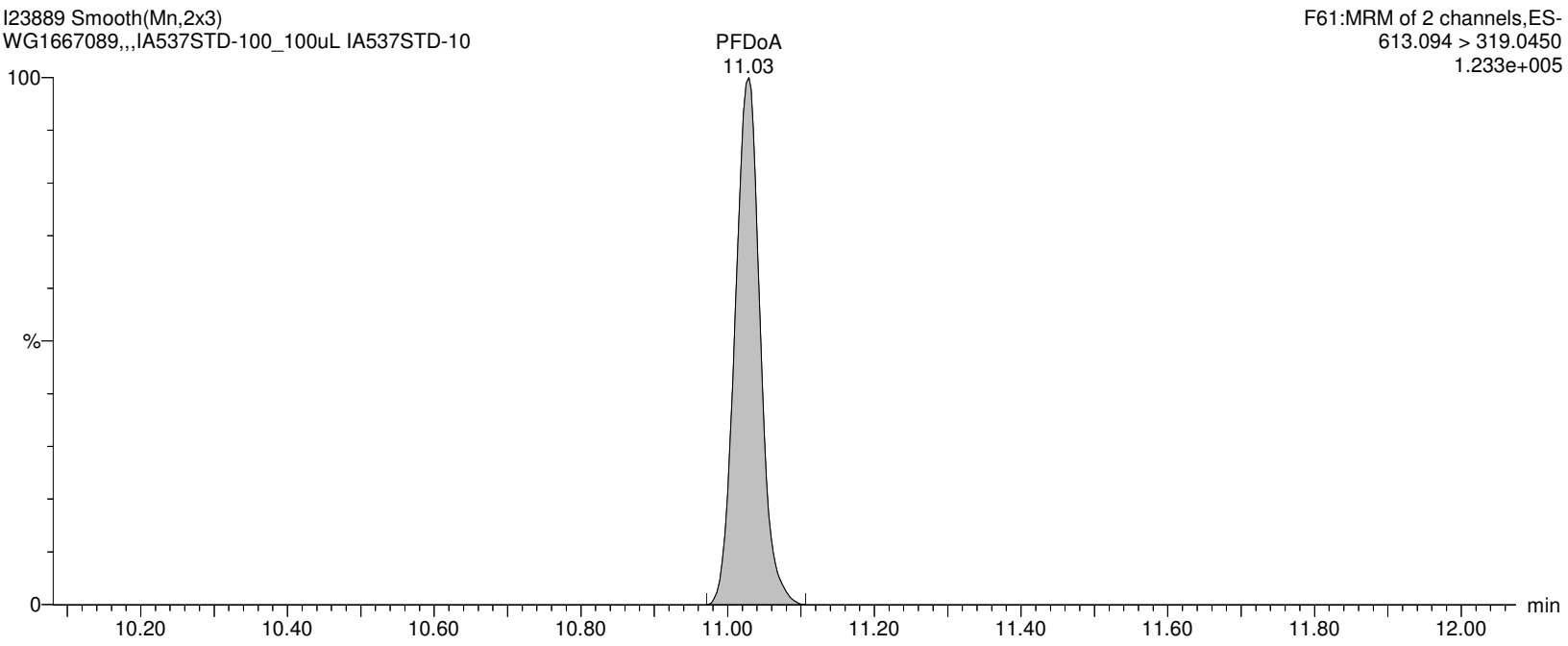
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFDoA



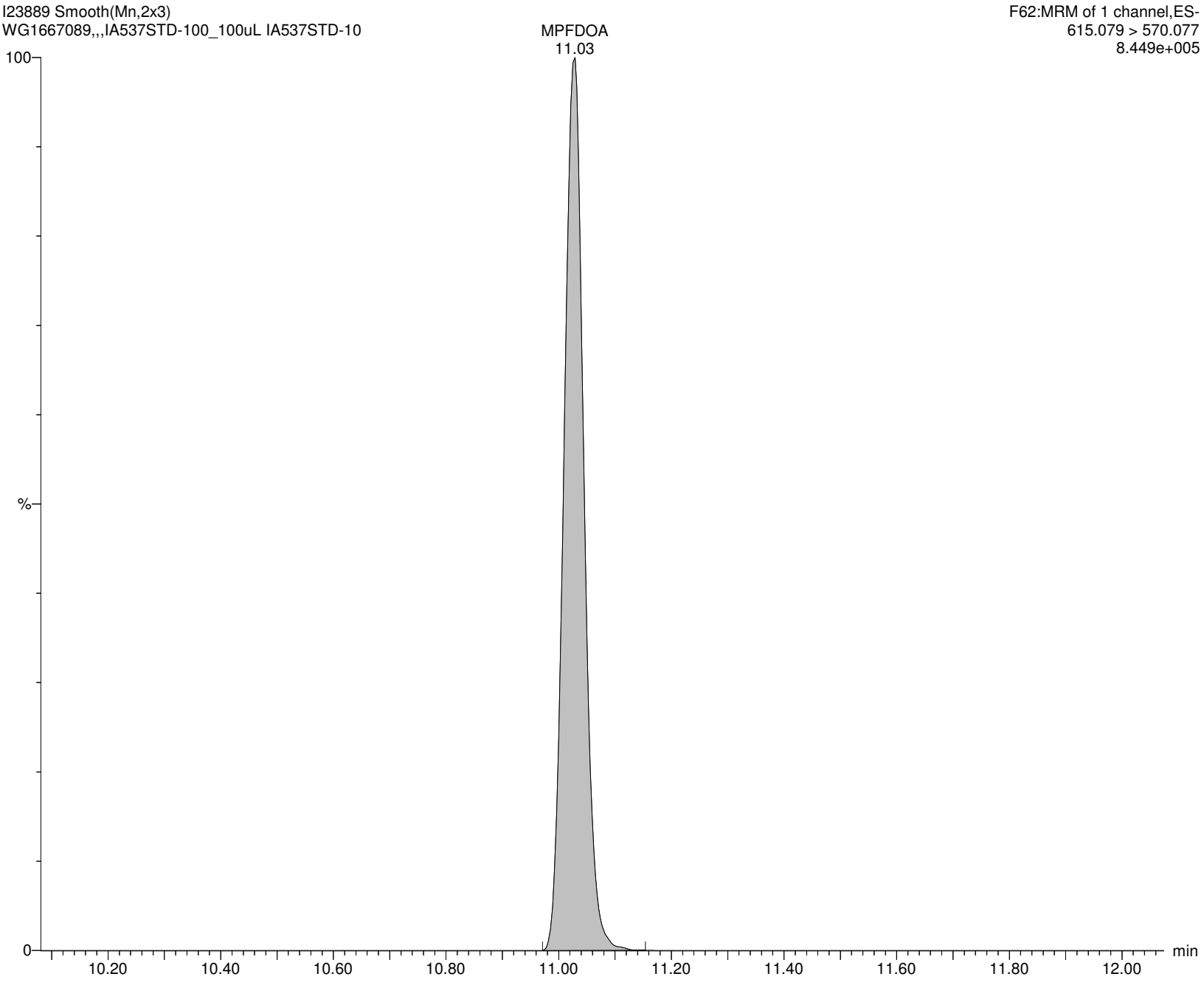


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

MPFDOA

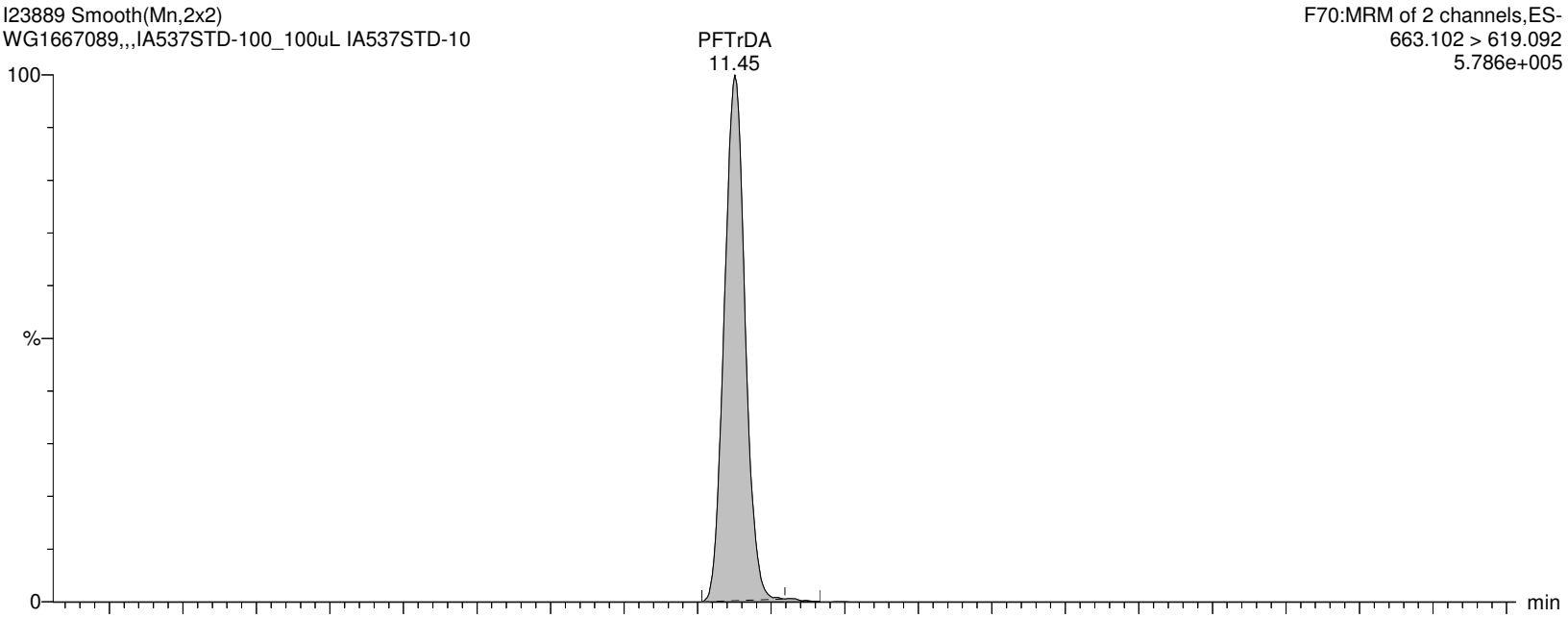


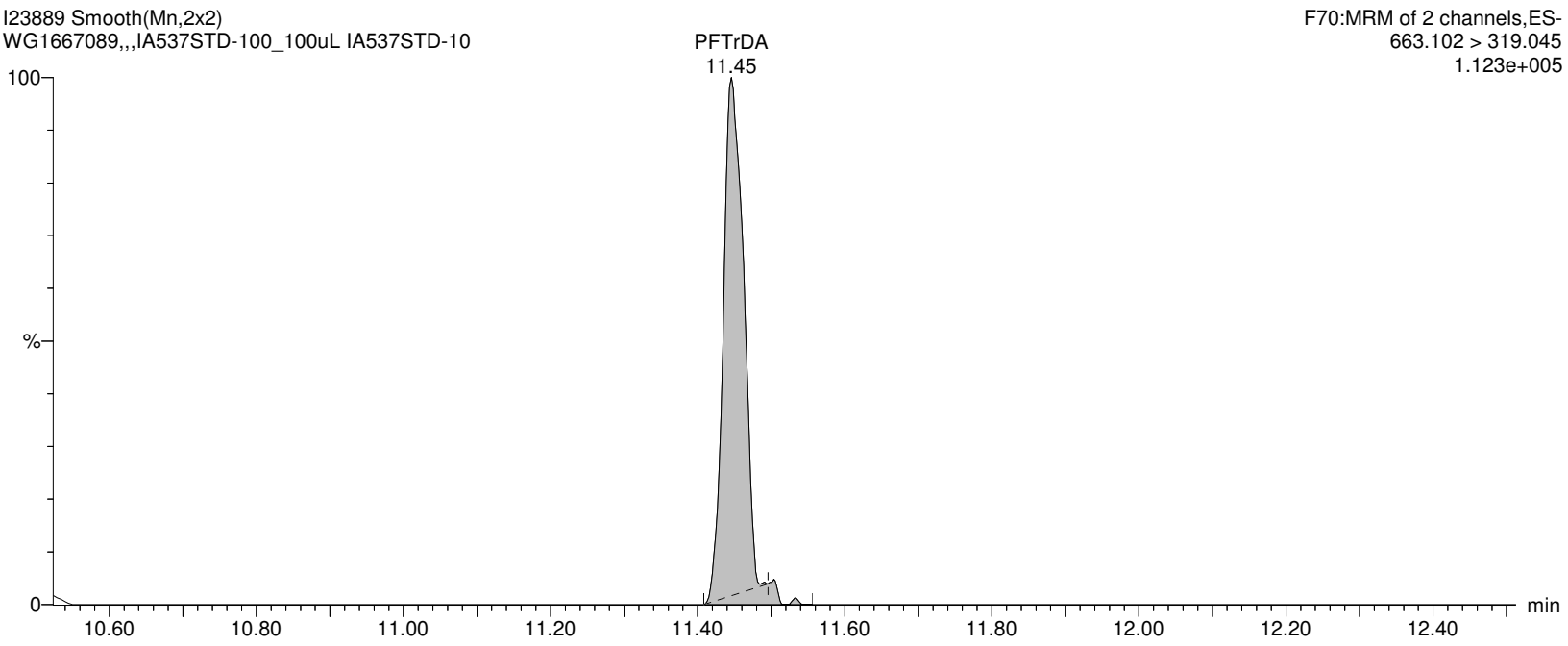
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFTrDA



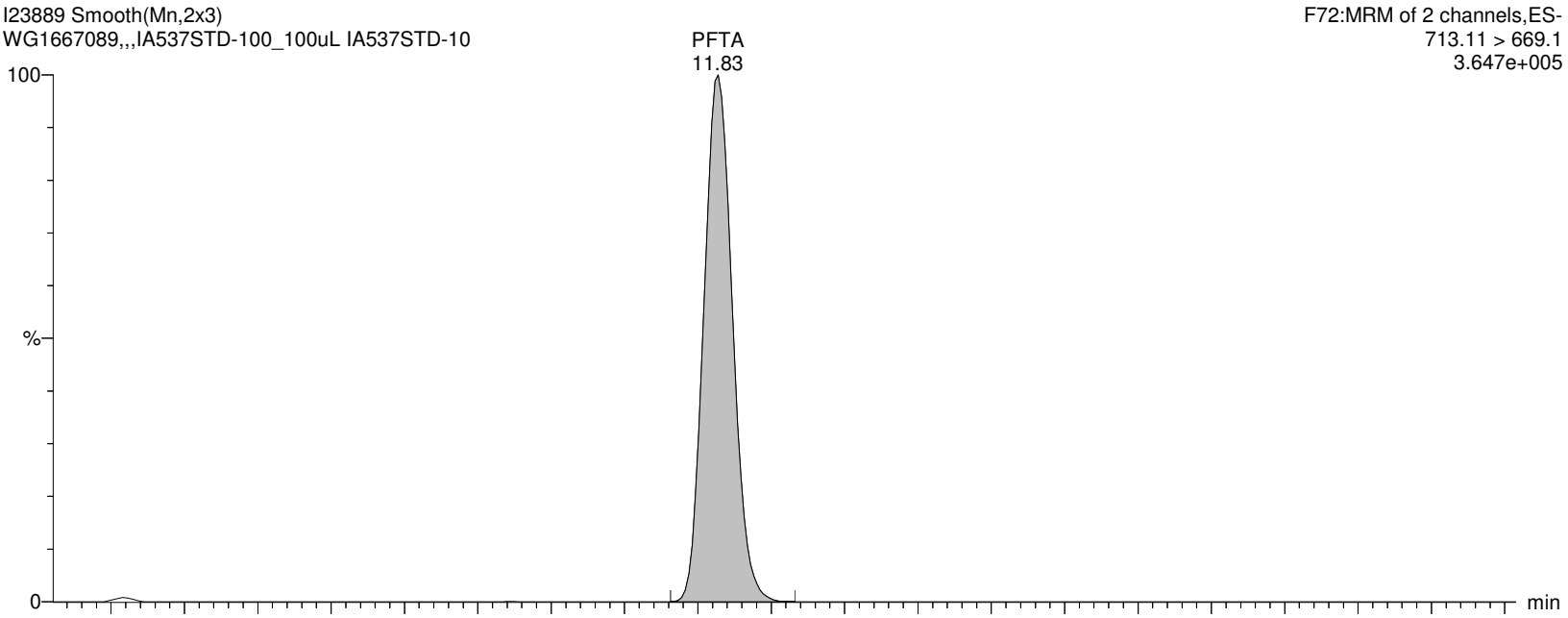


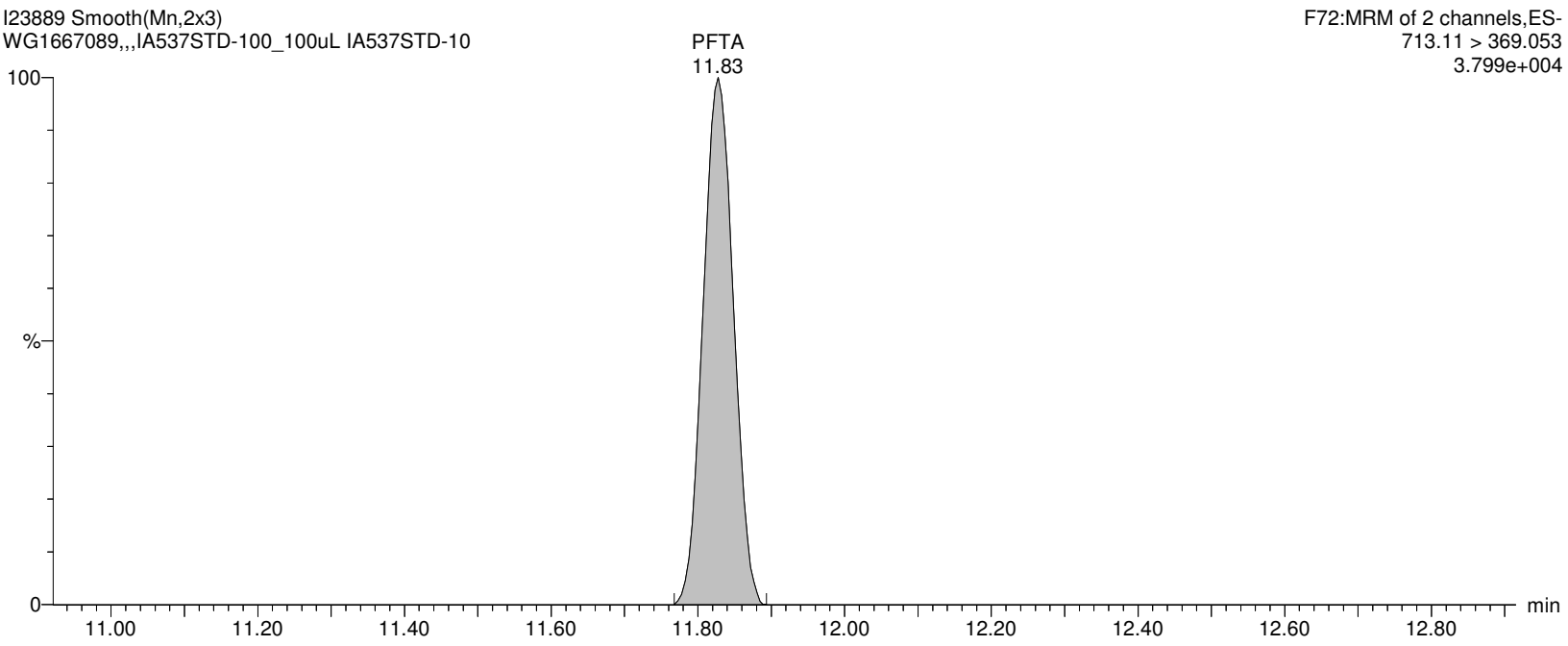
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFTA



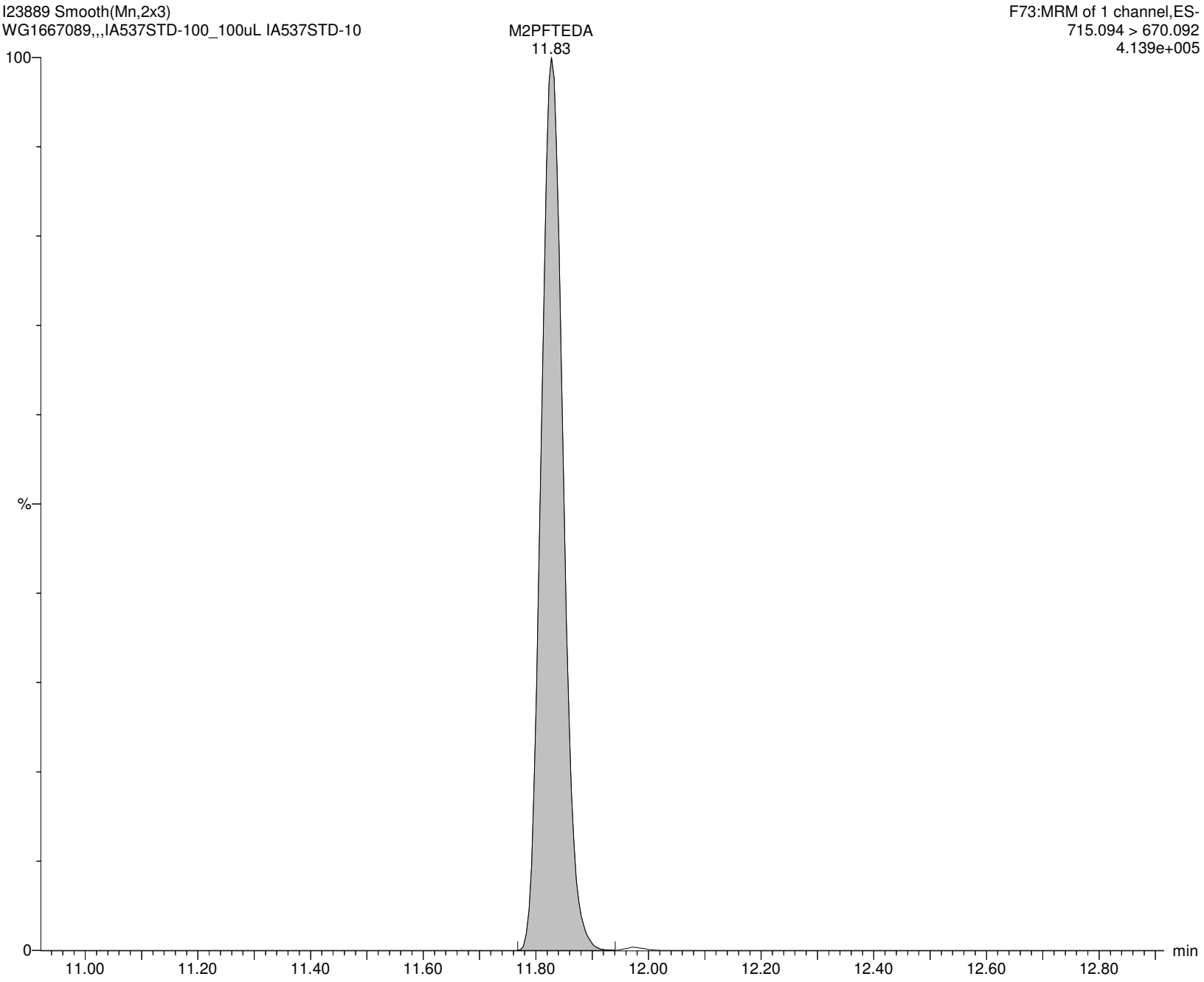


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2PFTEDA

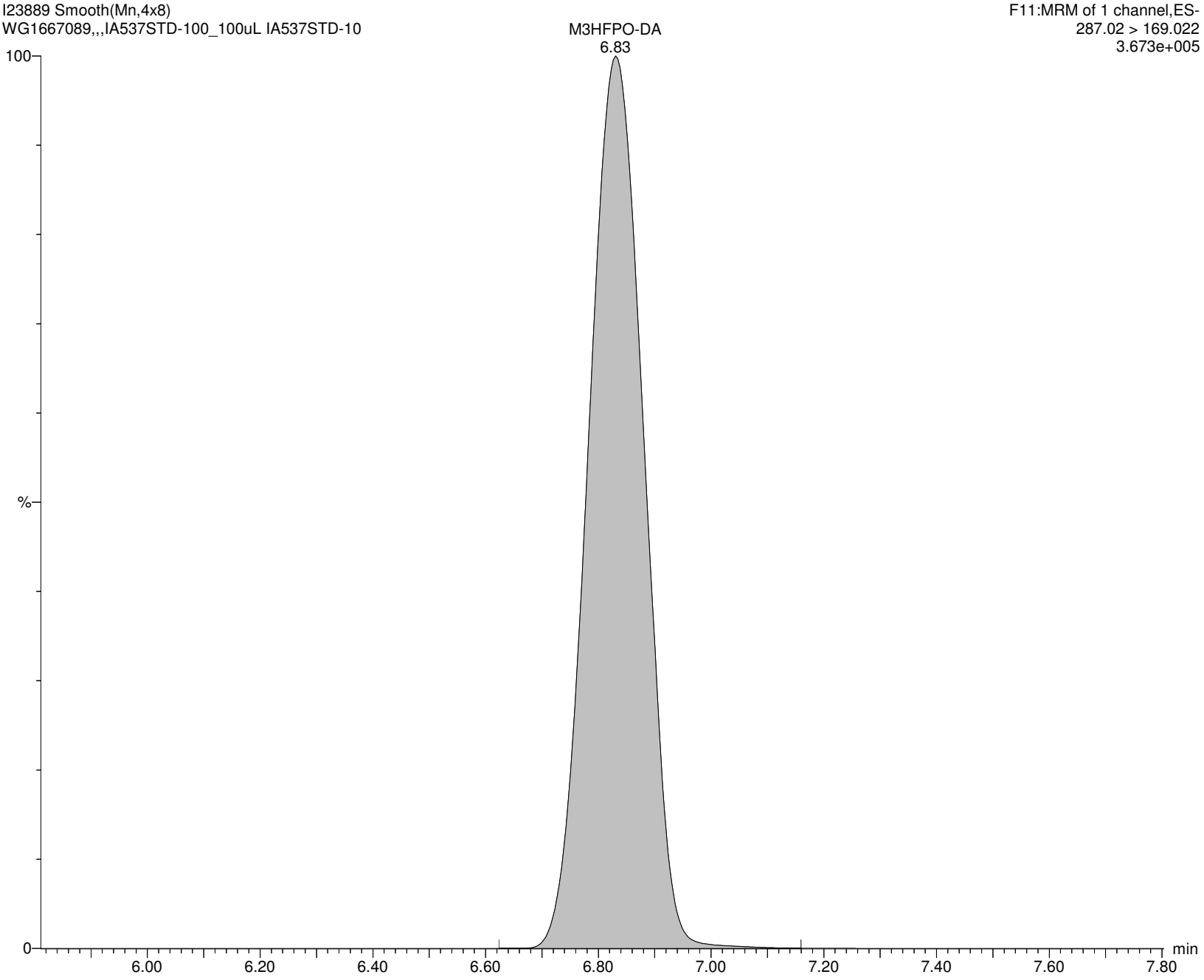


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M3HFPO-DA

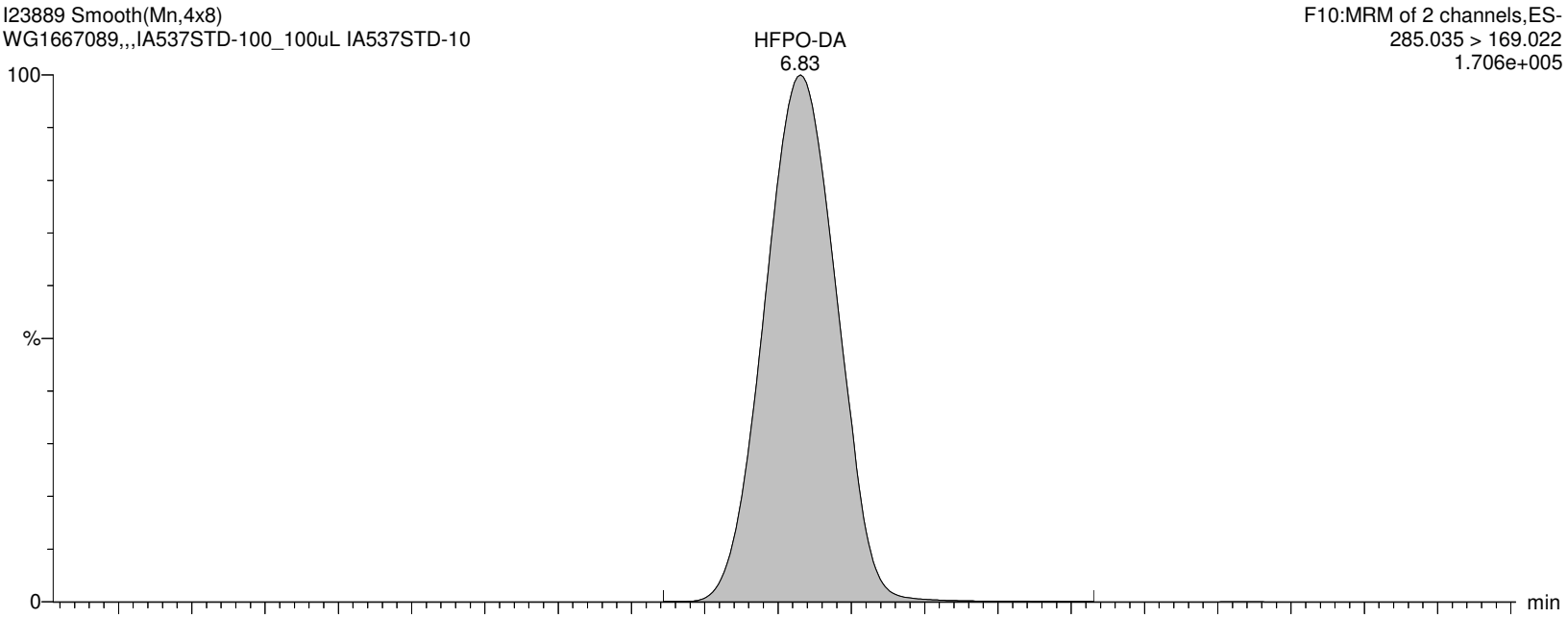


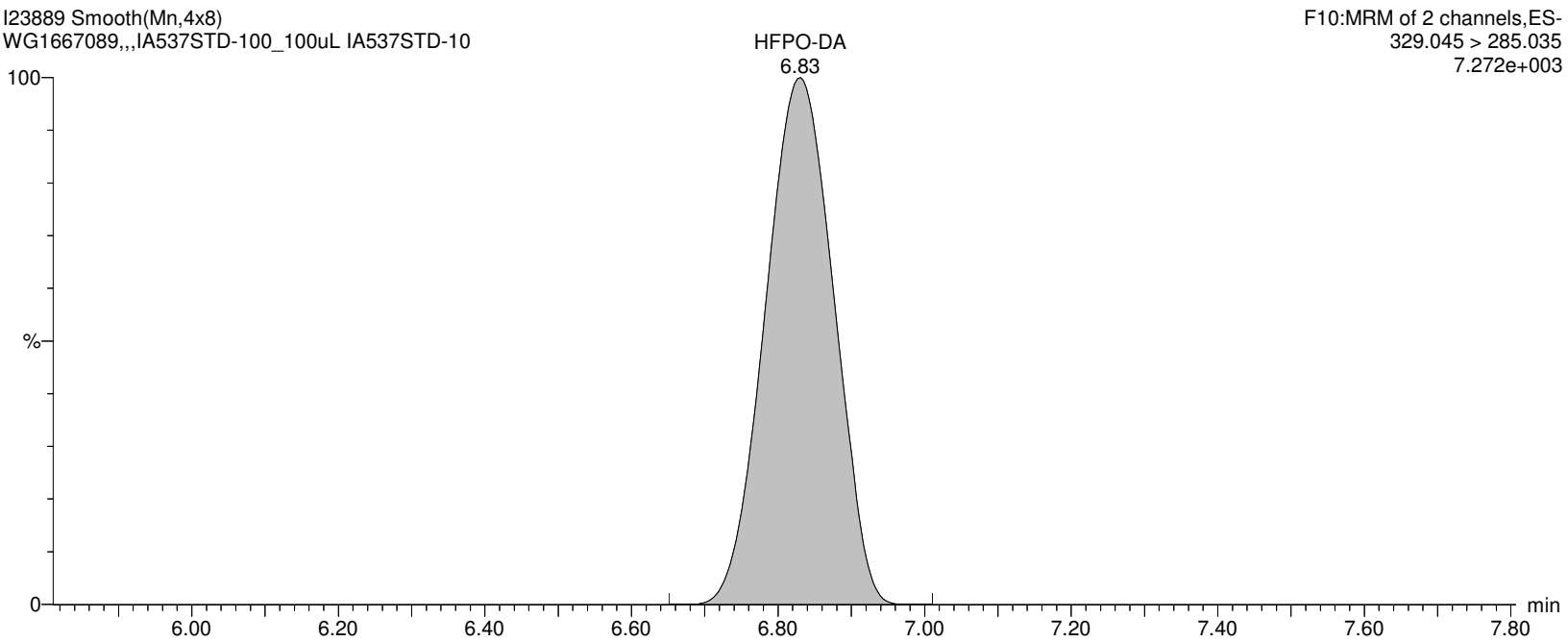
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

HFPO-DA



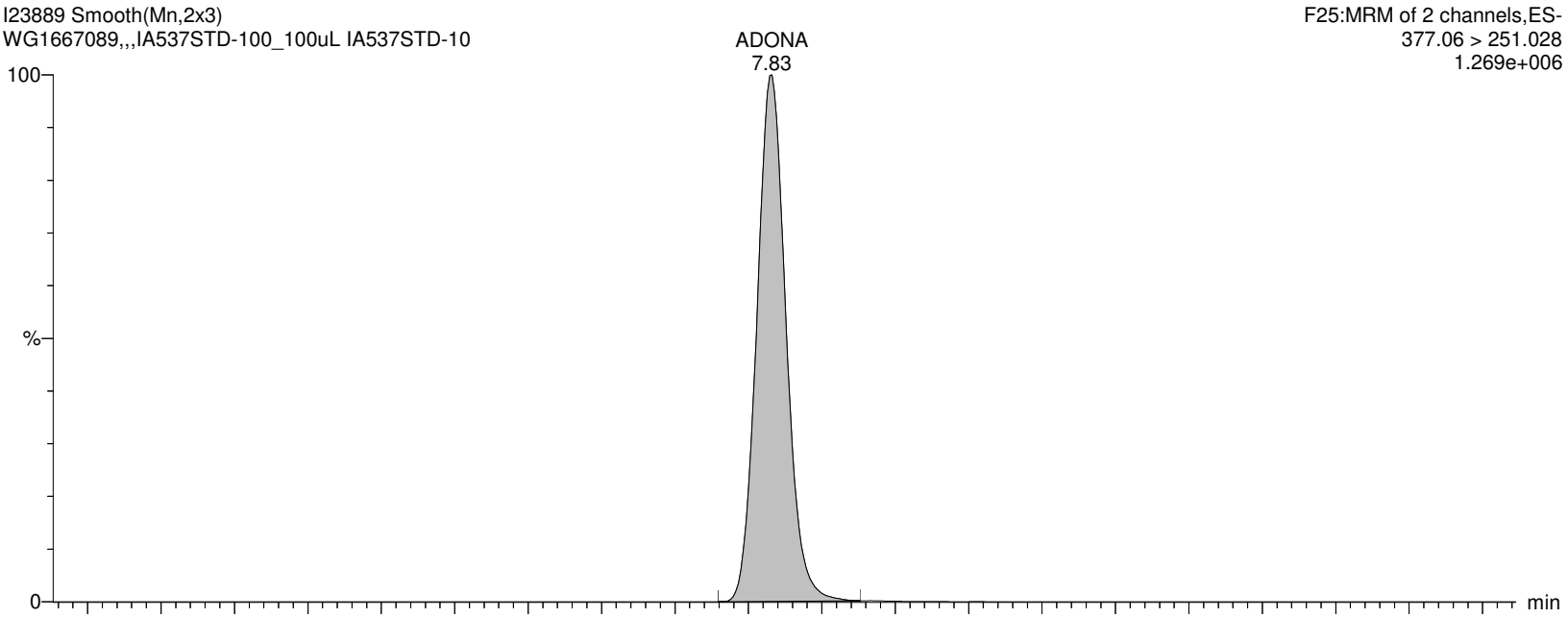


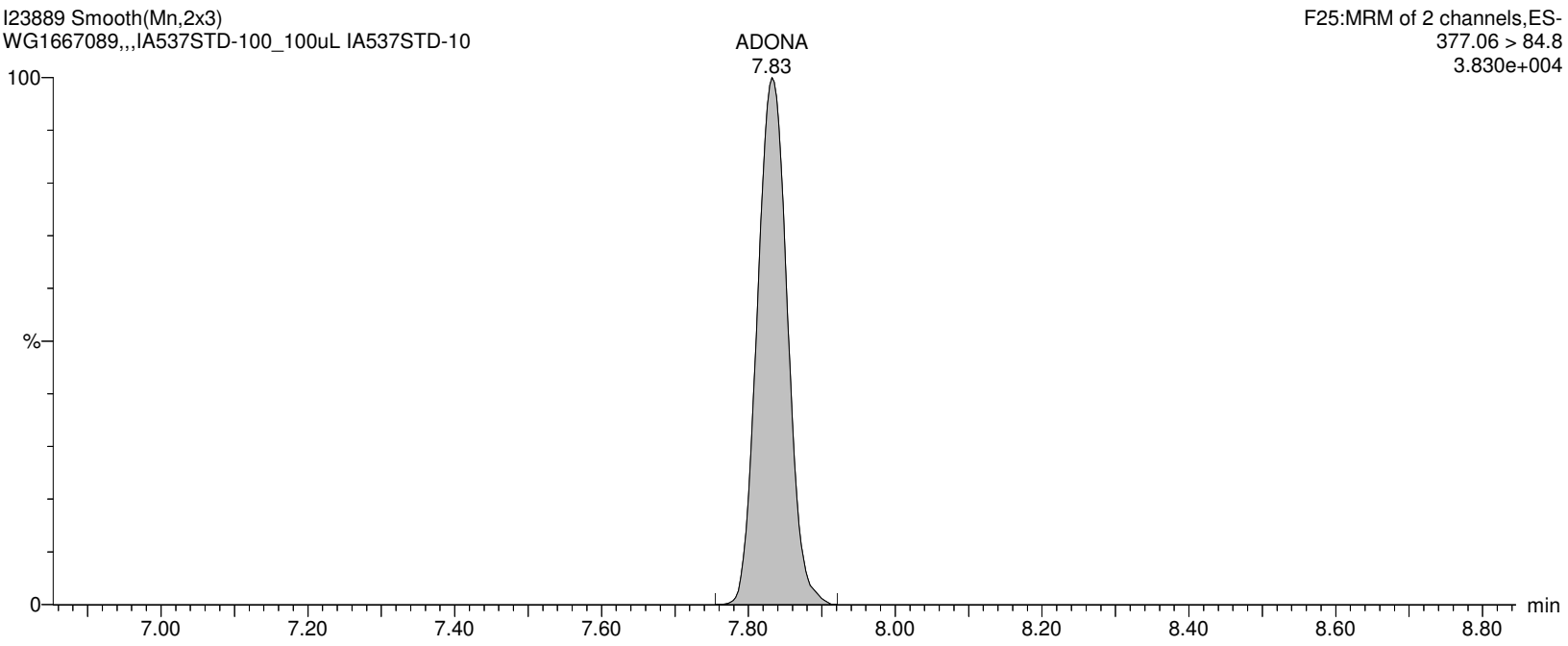
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

ADONA



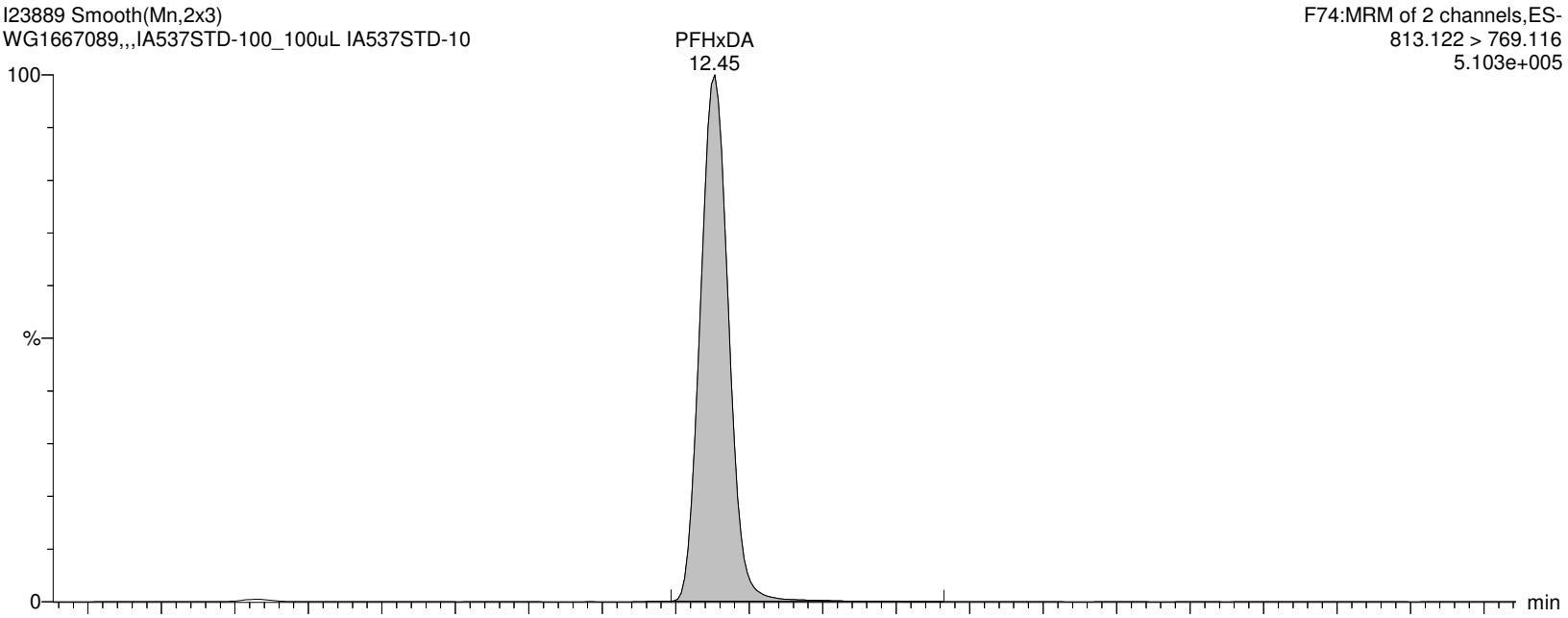


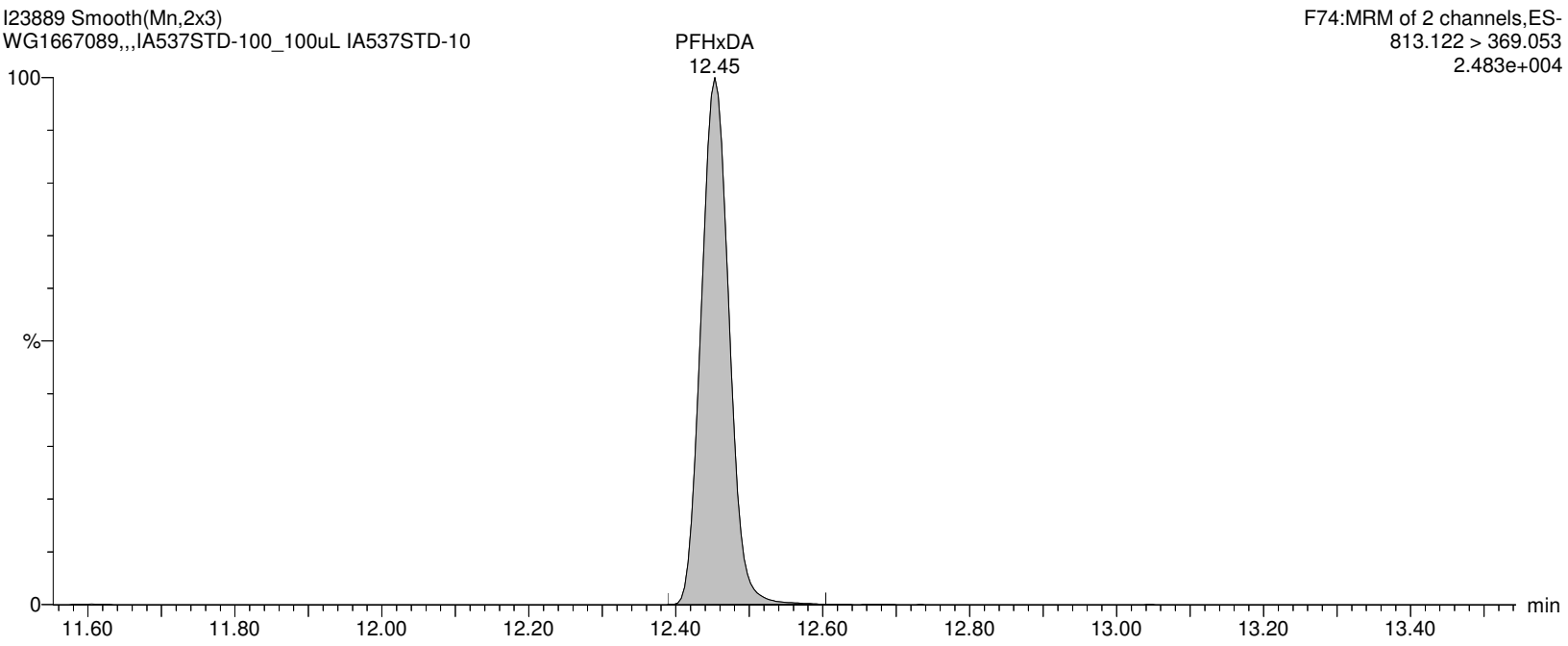
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFHxDA



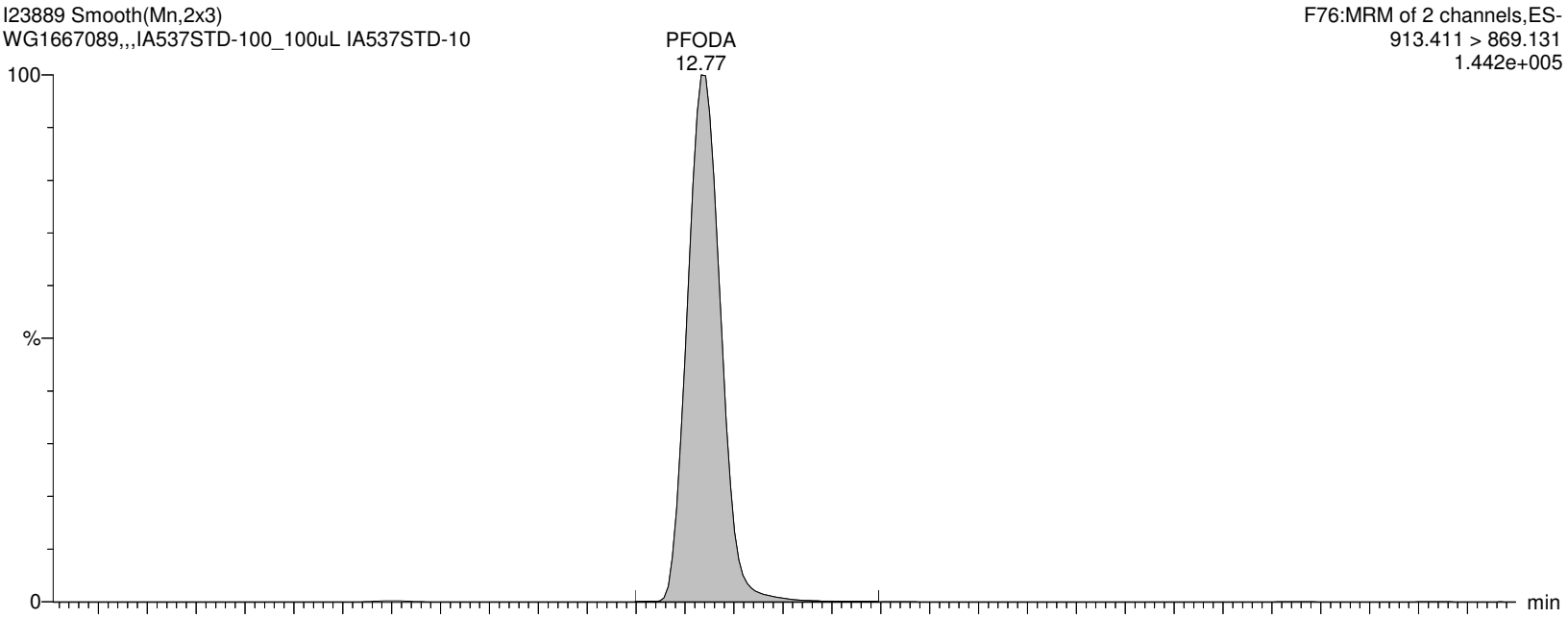


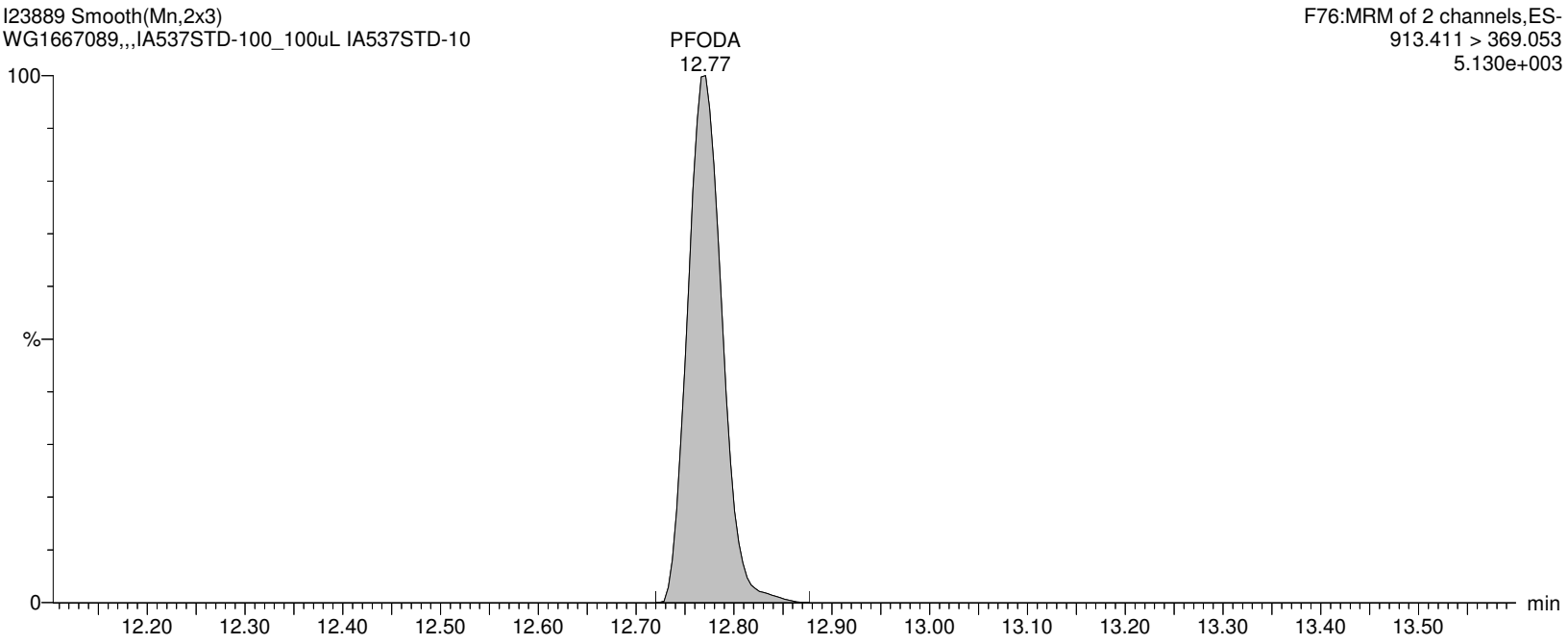
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFODA



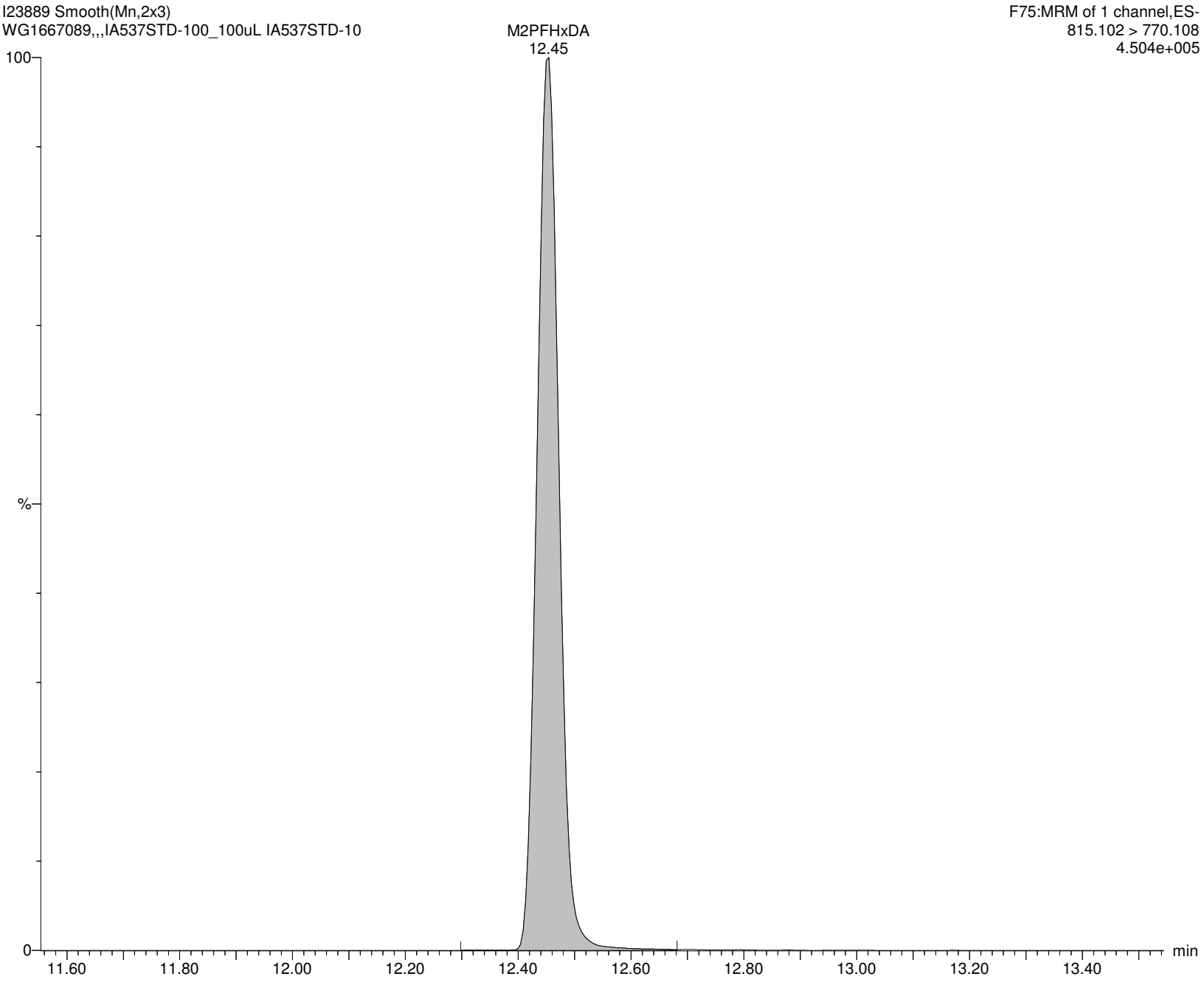


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2PFHxDA

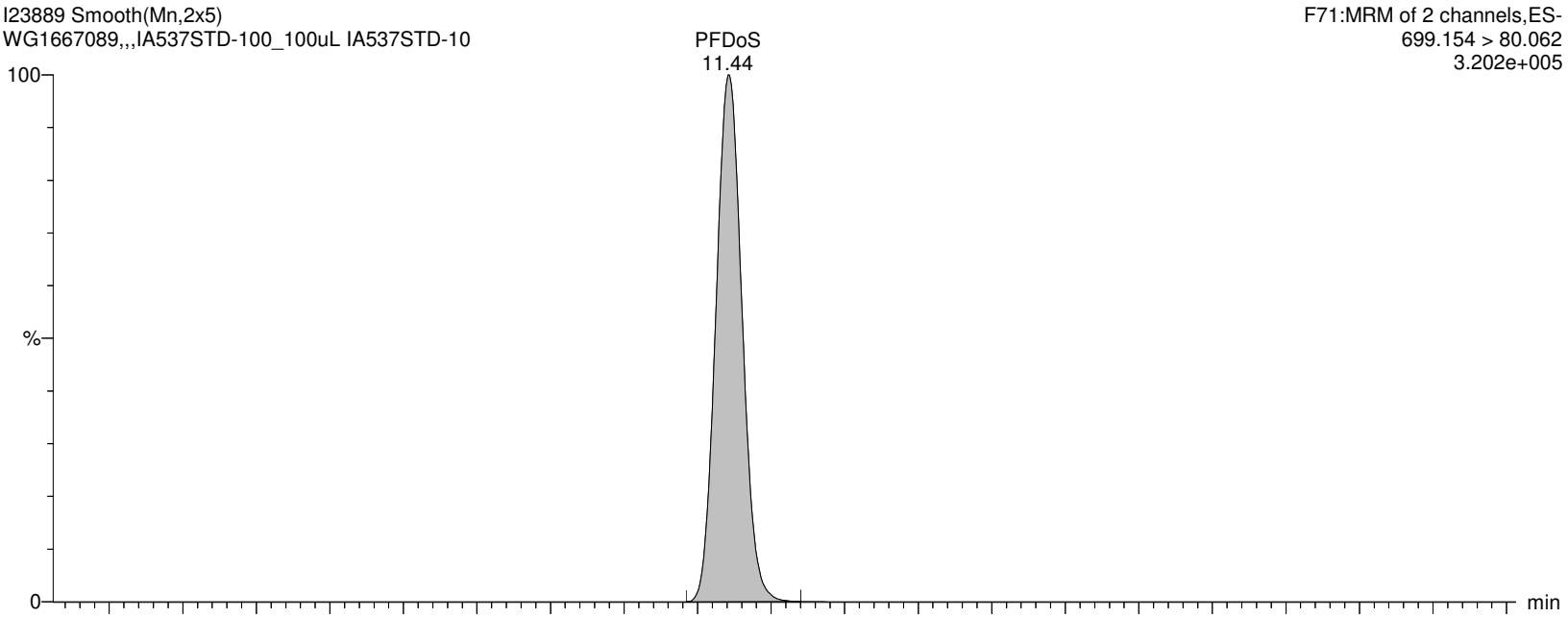


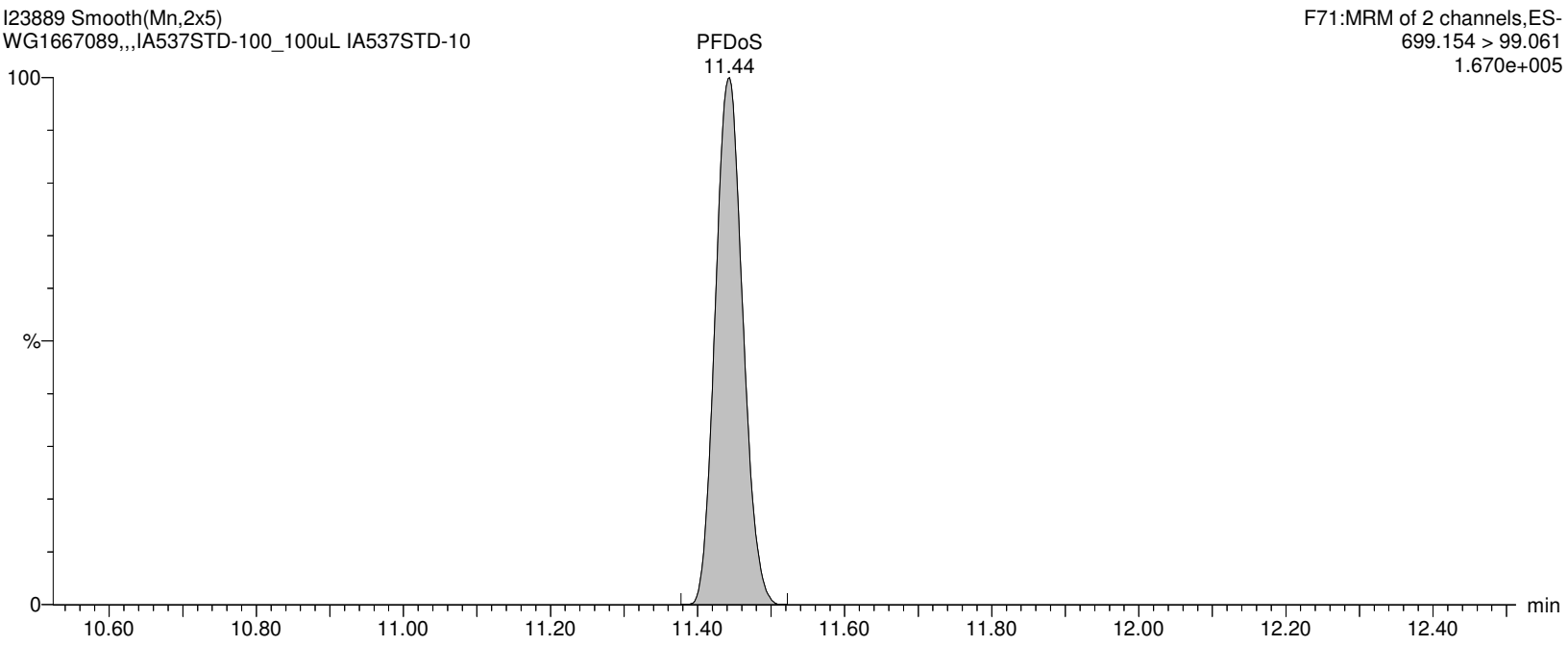
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFDoS



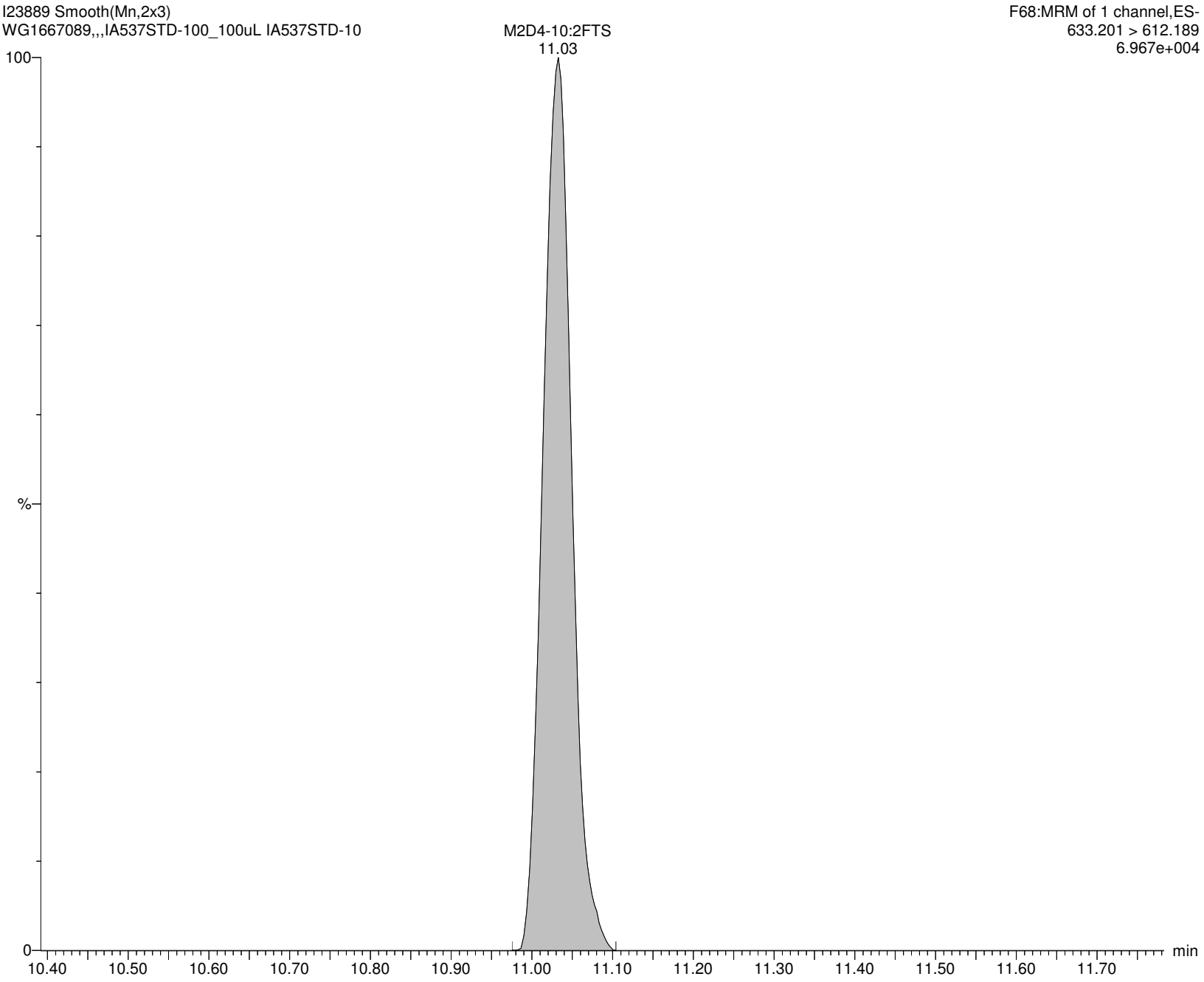


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2D4-10:2FTS

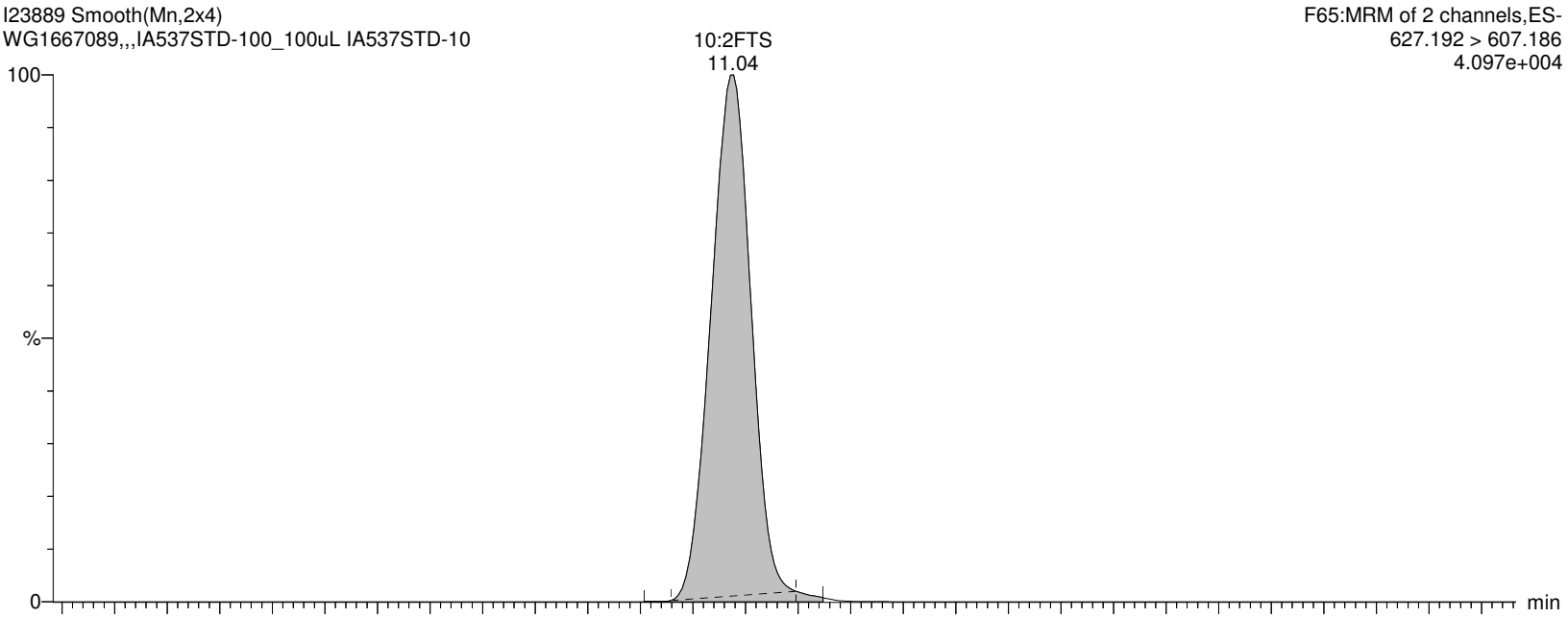


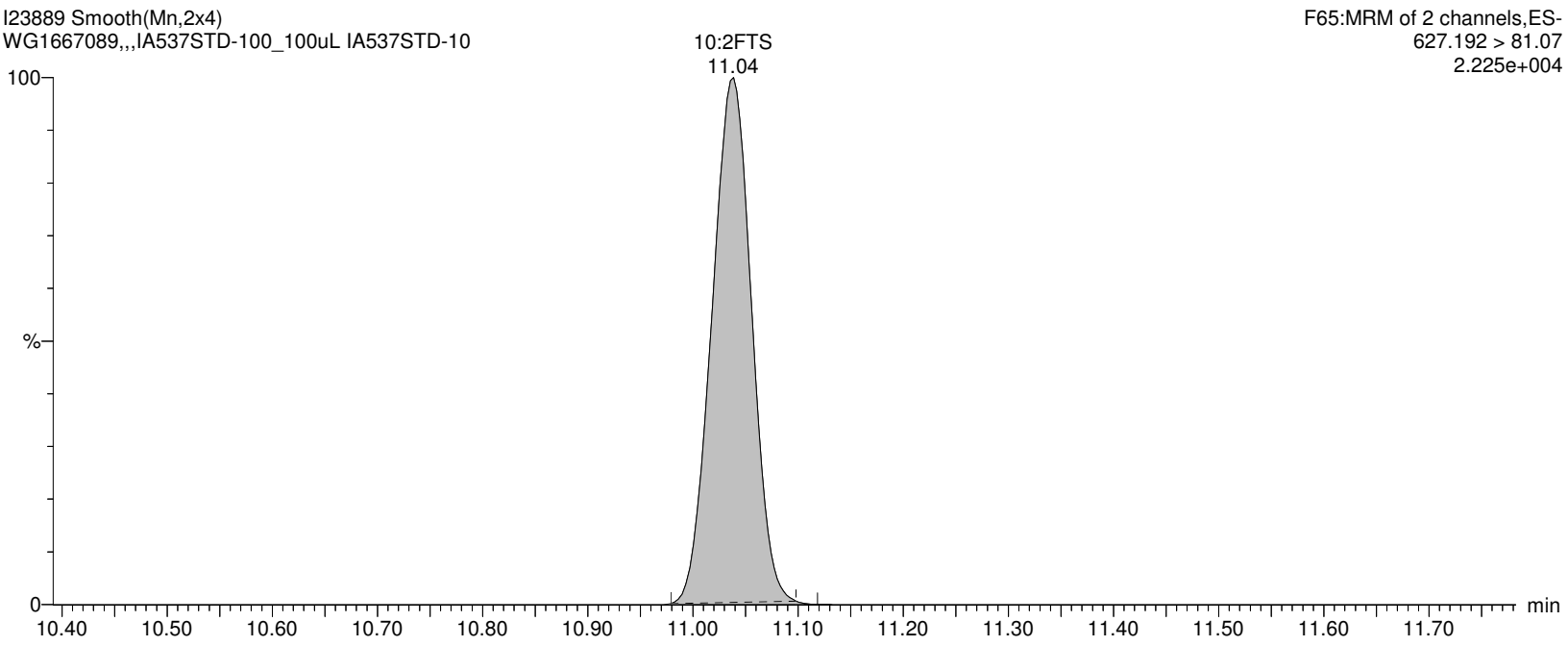
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

10:2FTS



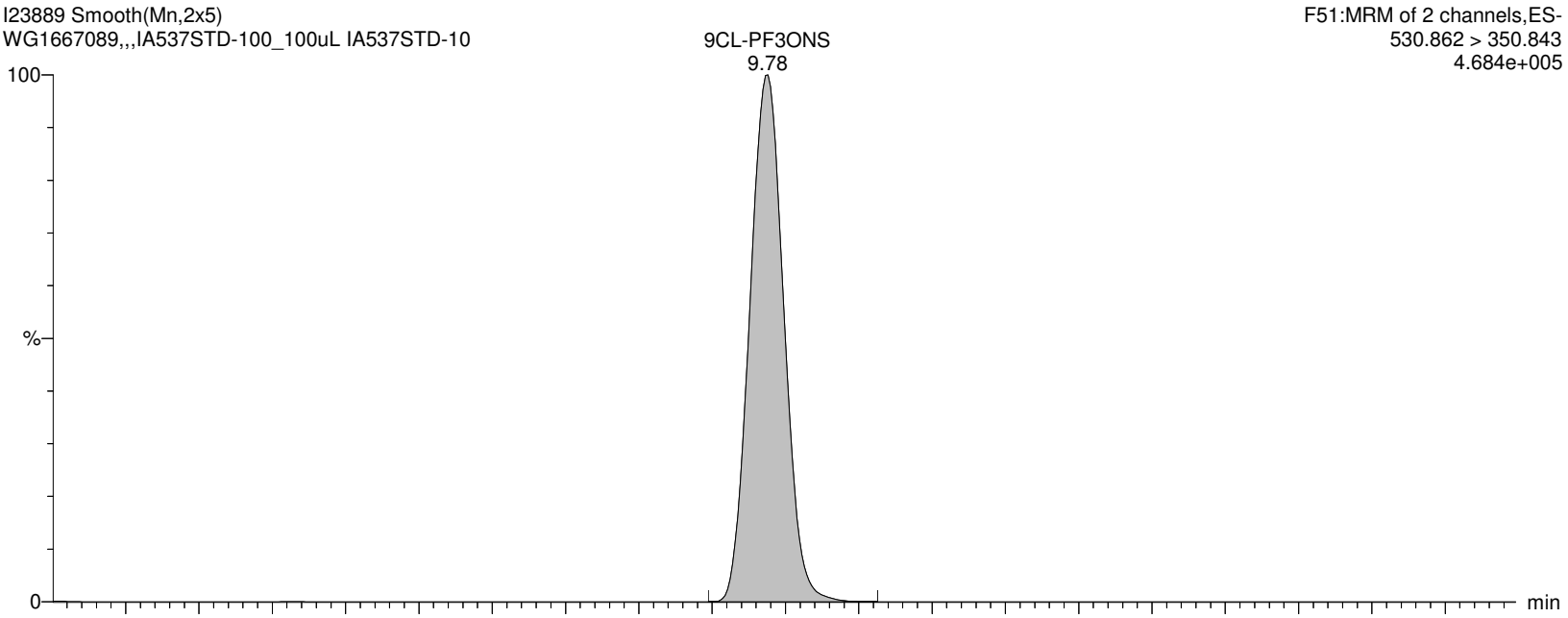


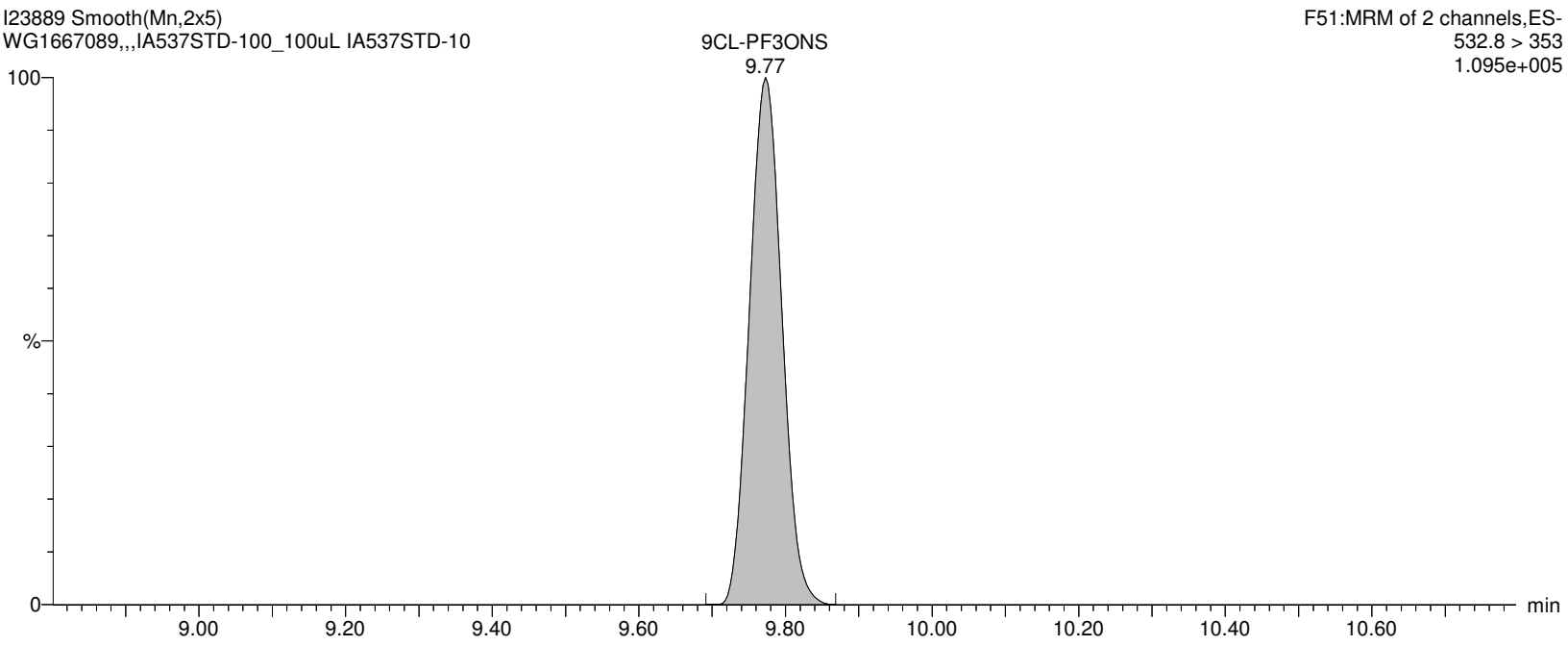
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

9CL-PF3ONS



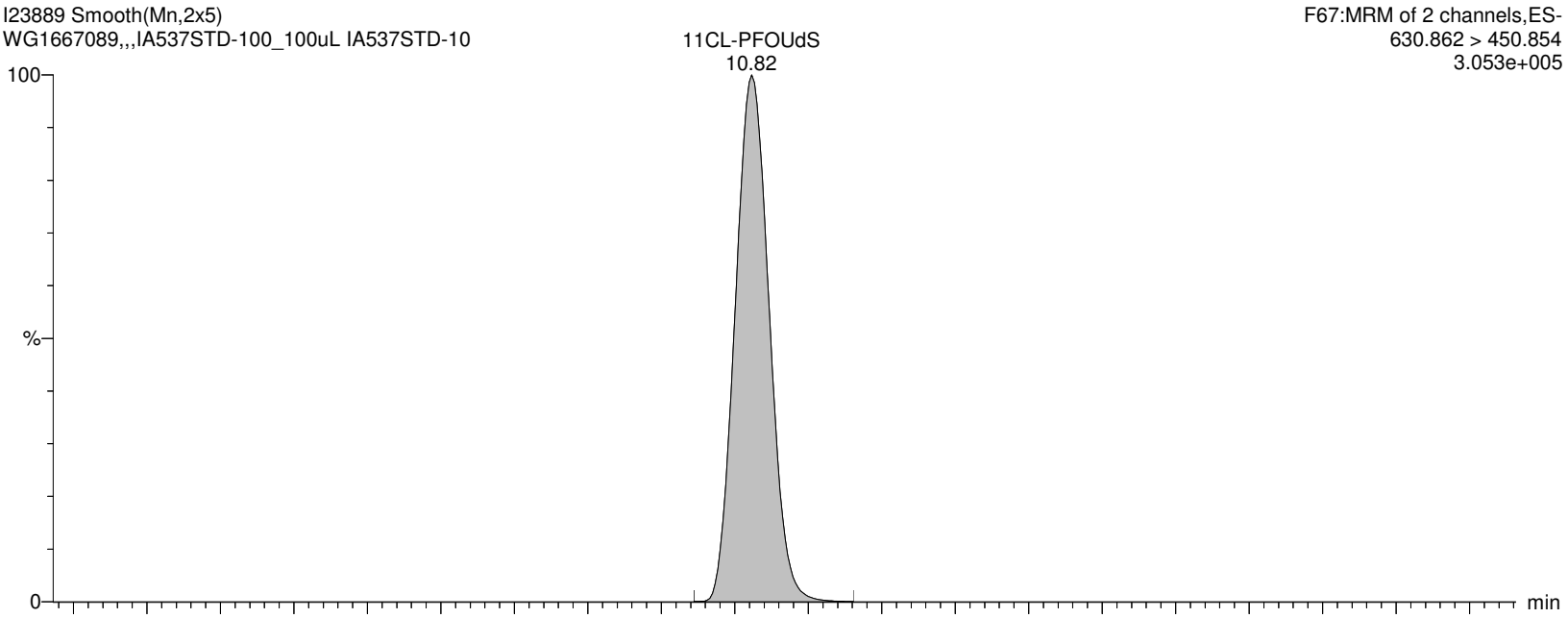


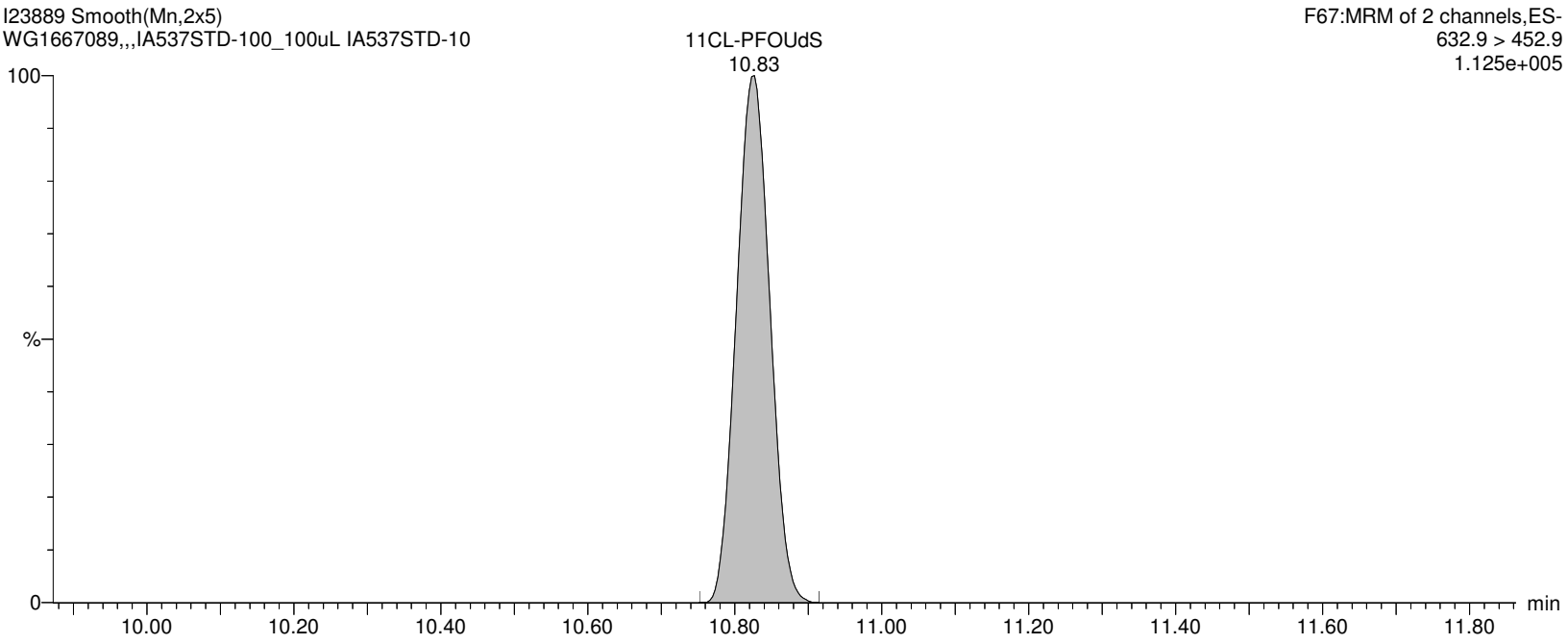
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

11CL-PFOUdS



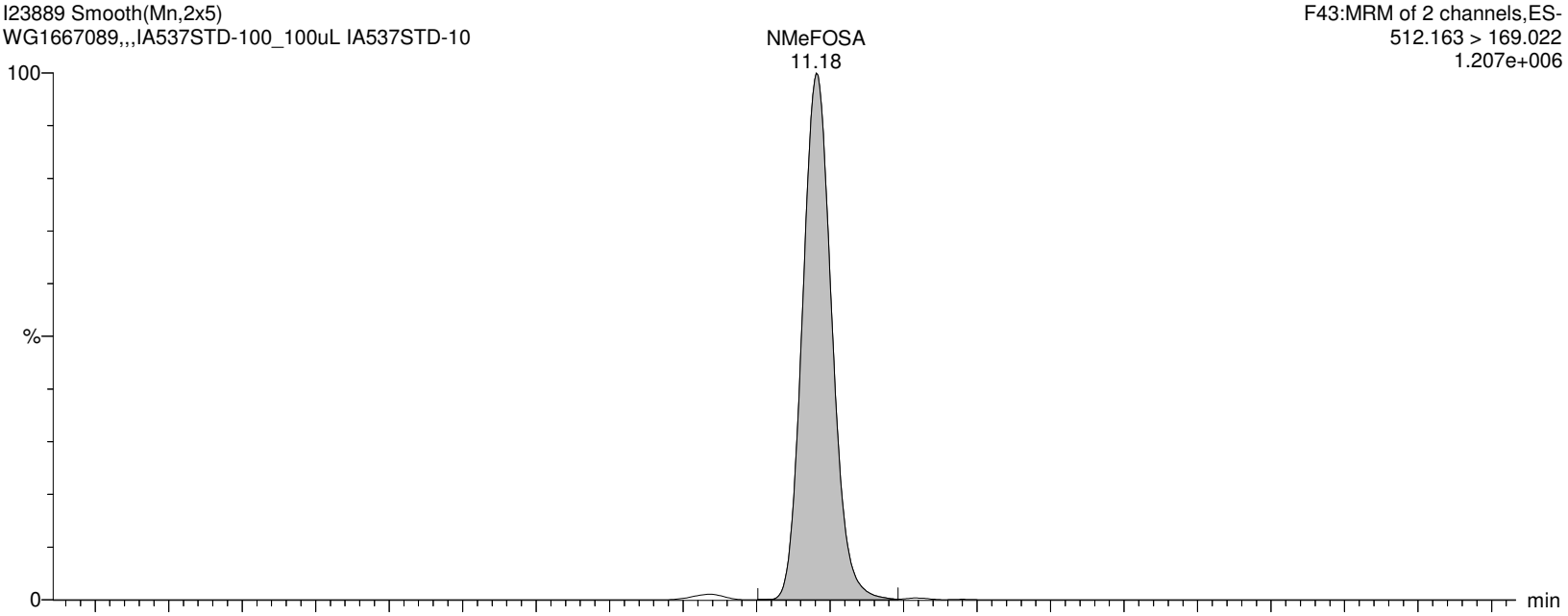


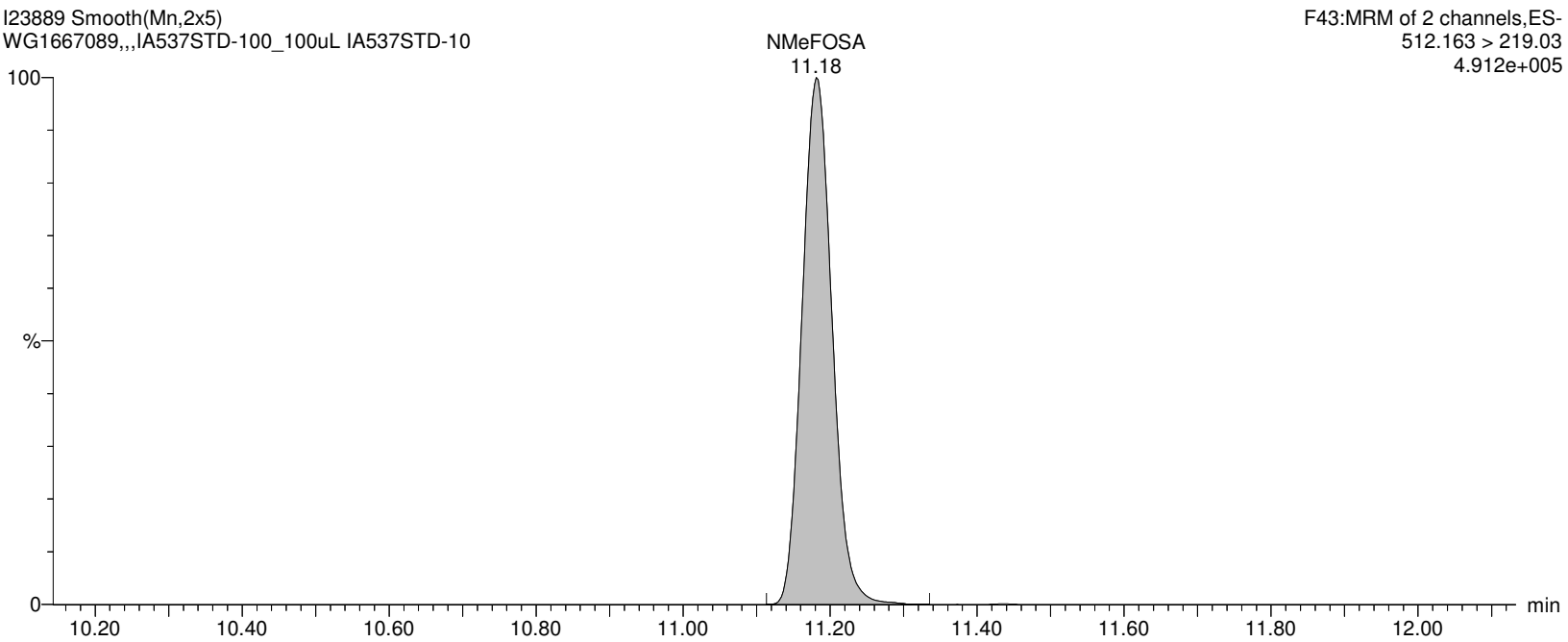
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NMeFOSA



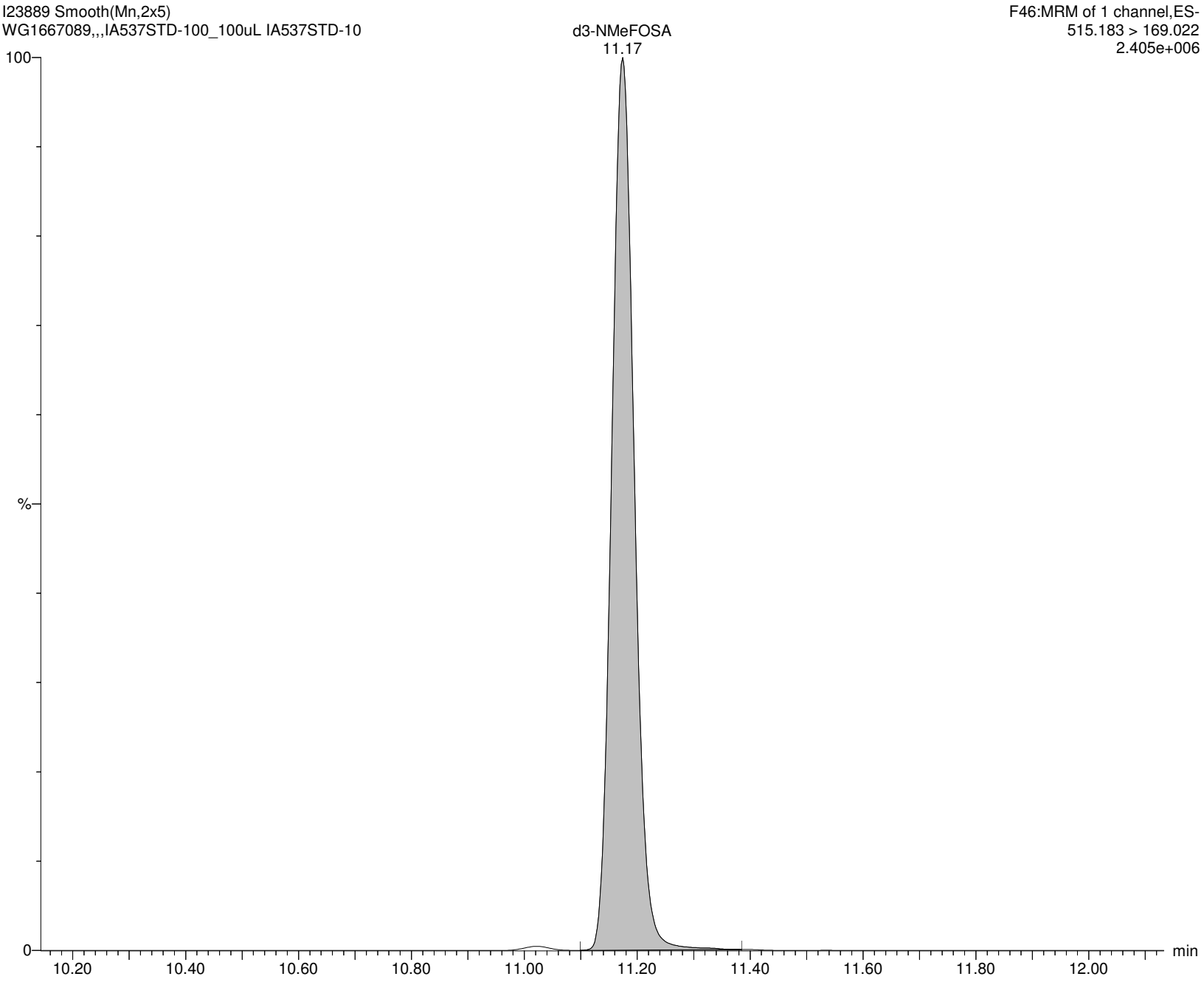


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

d3-NMeFOSA

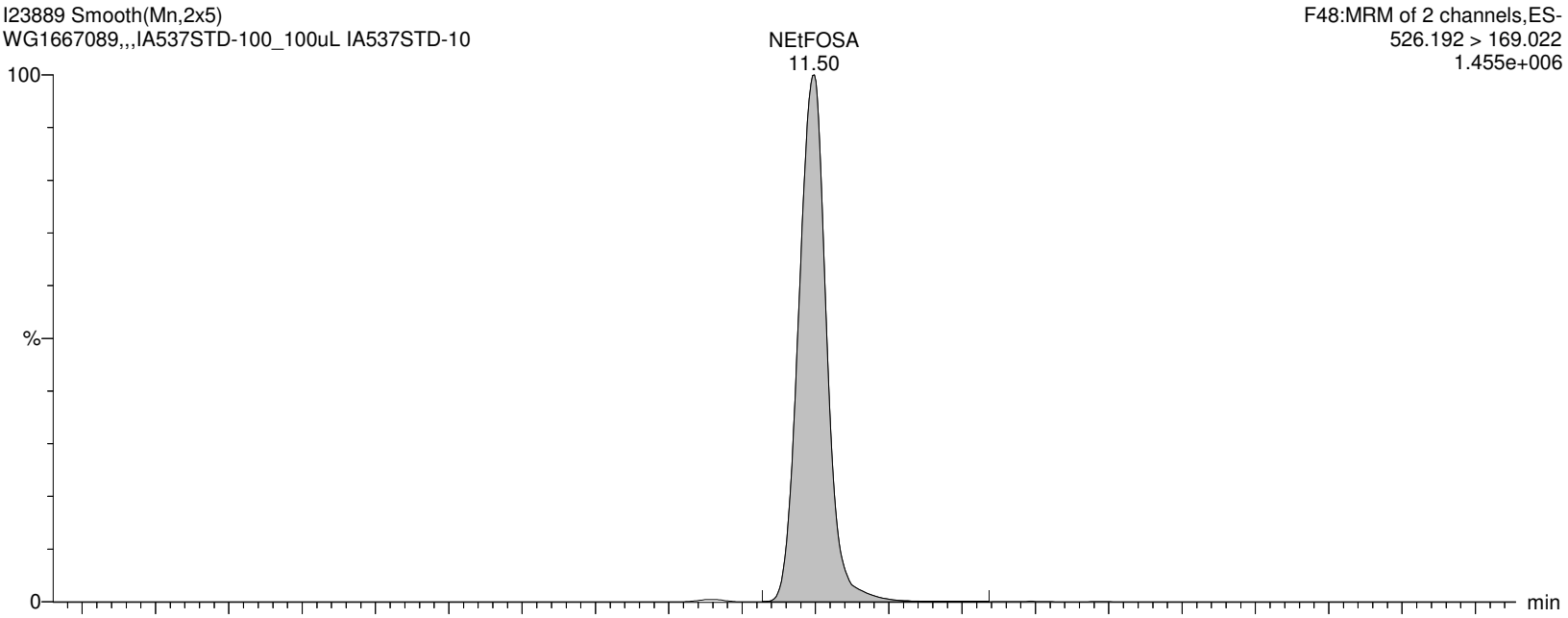


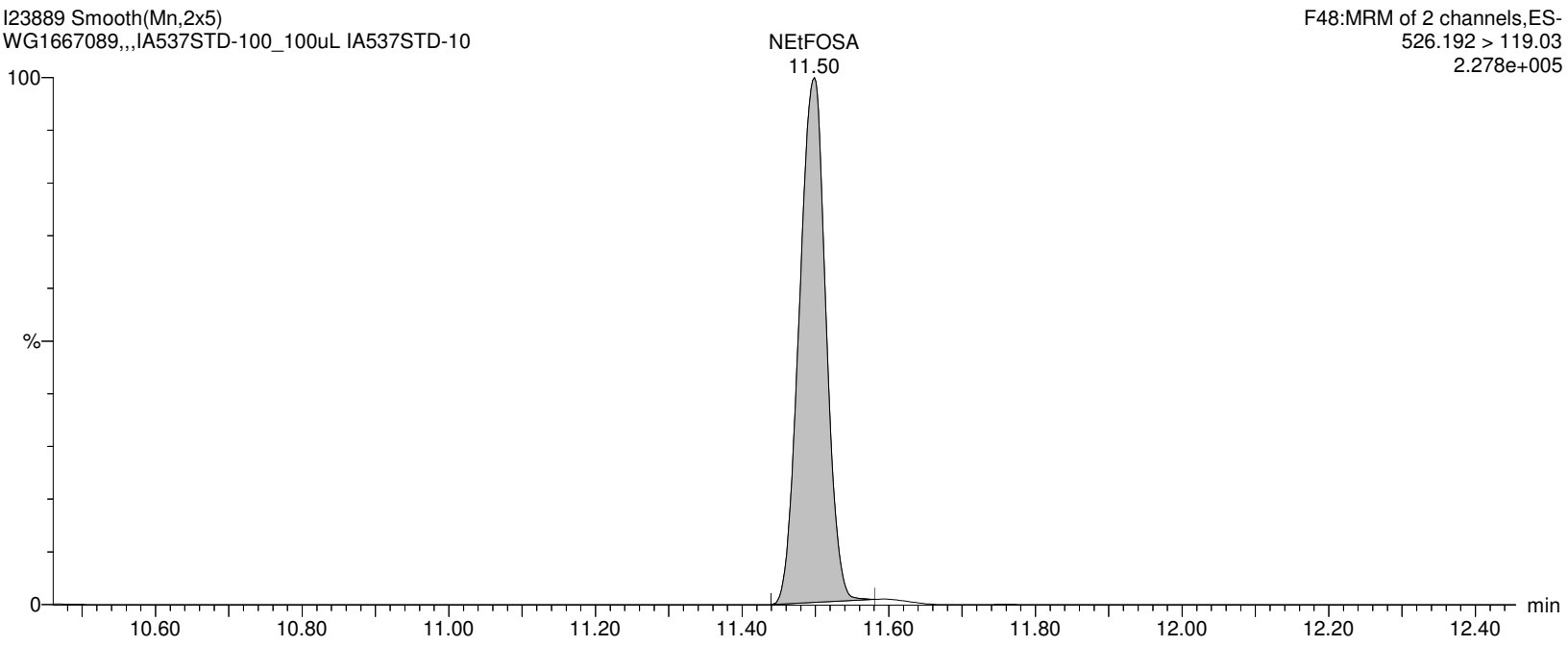
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NEtFOSA



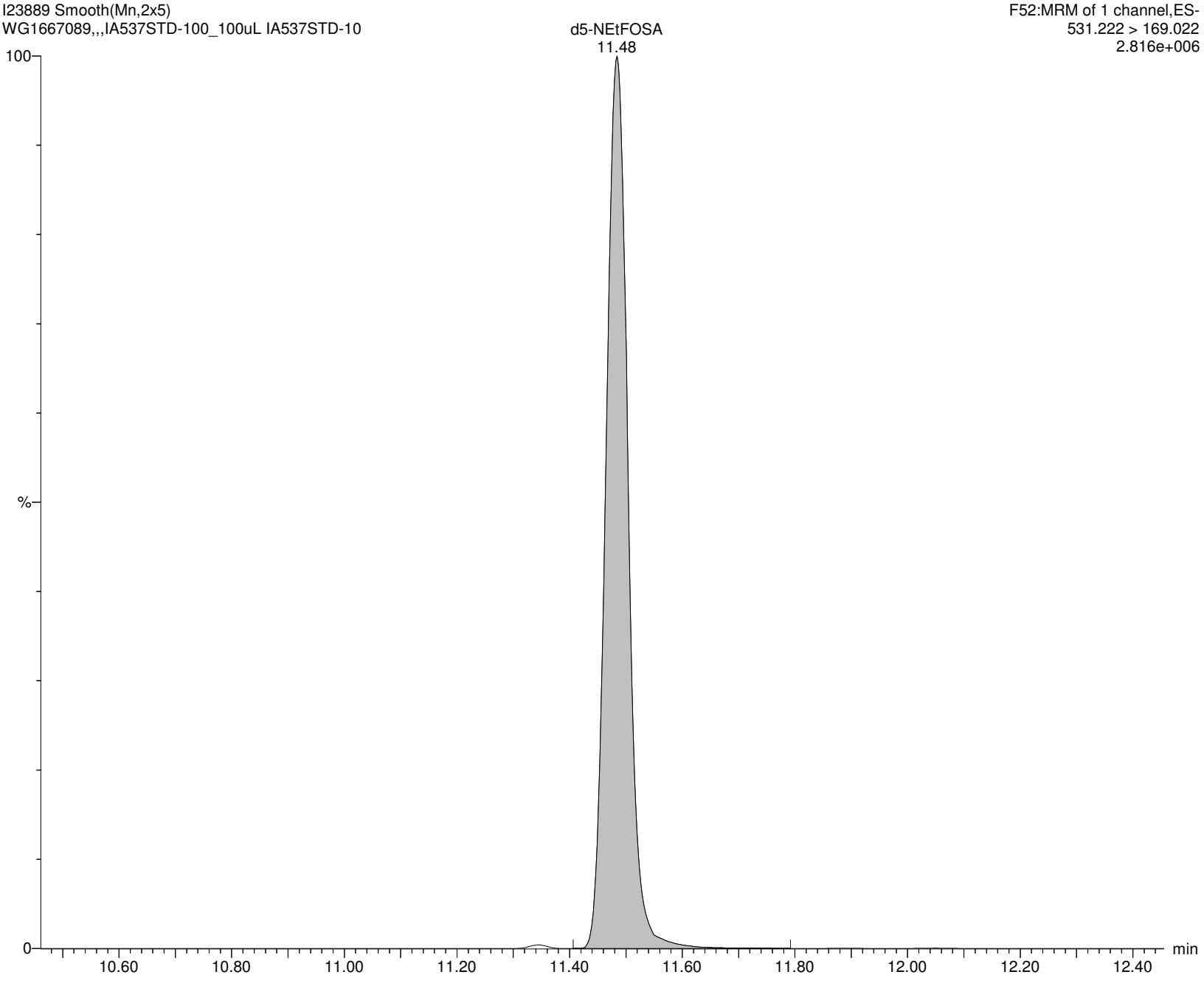


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

d5-NEtFOSA

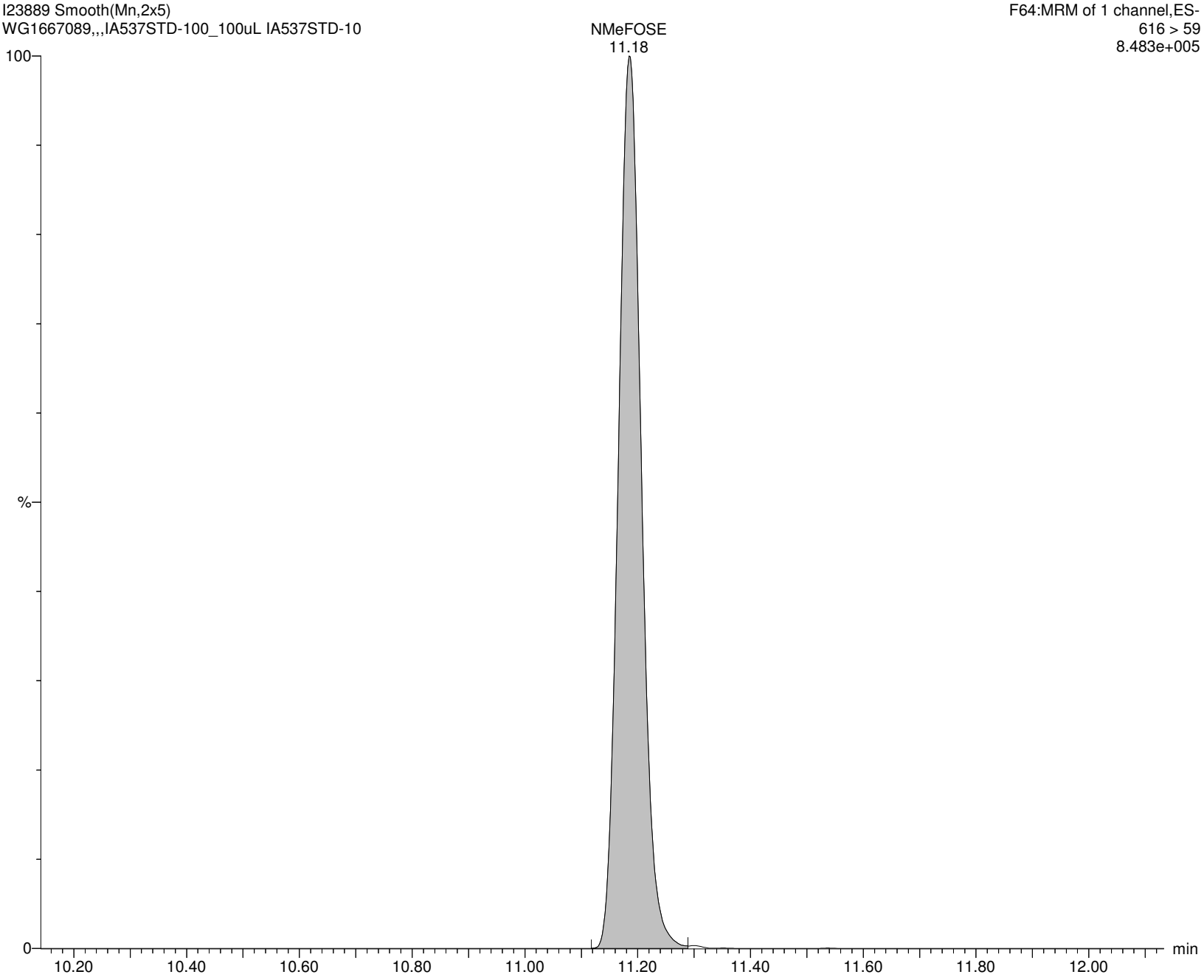


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NMeFOSE

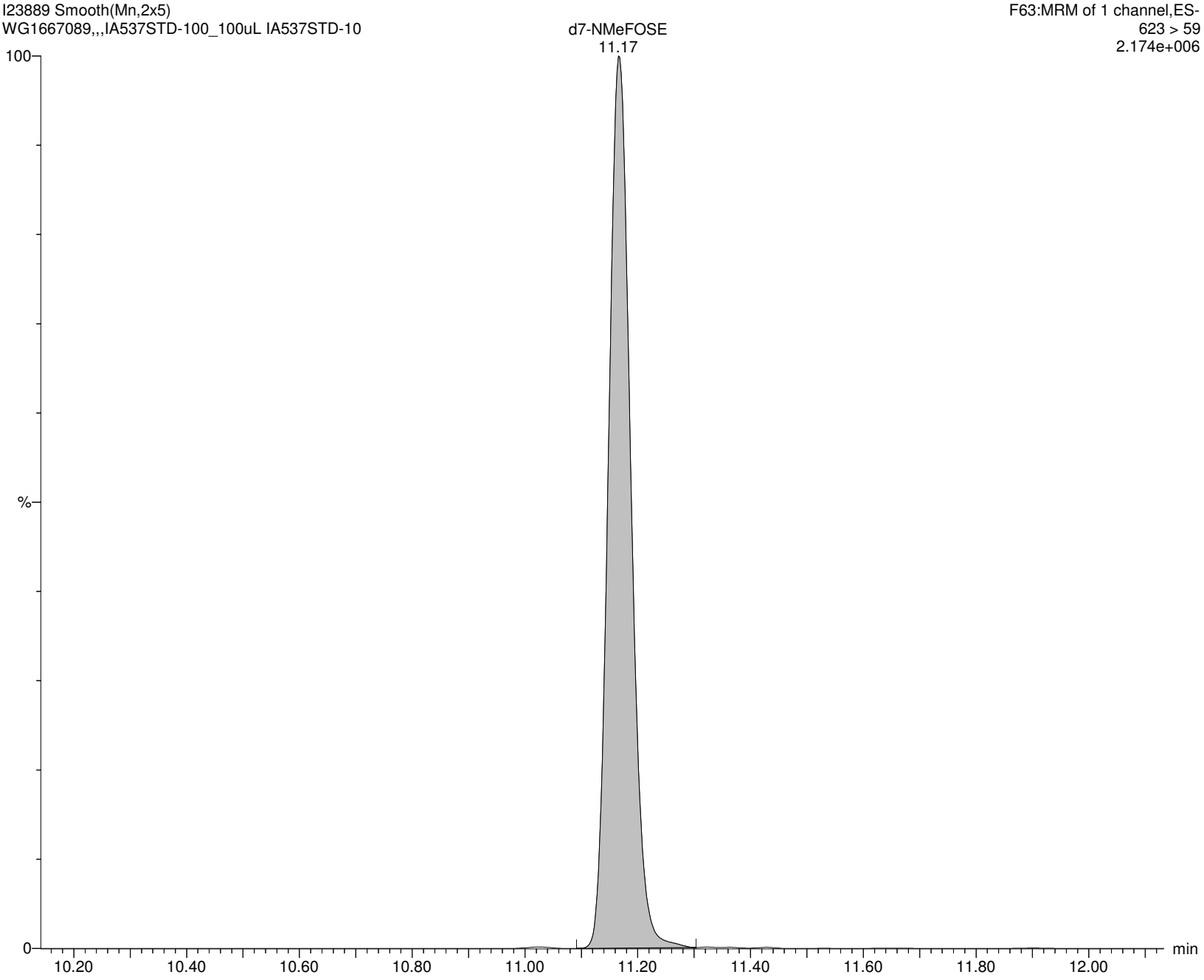


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

d7-NMeFOSE

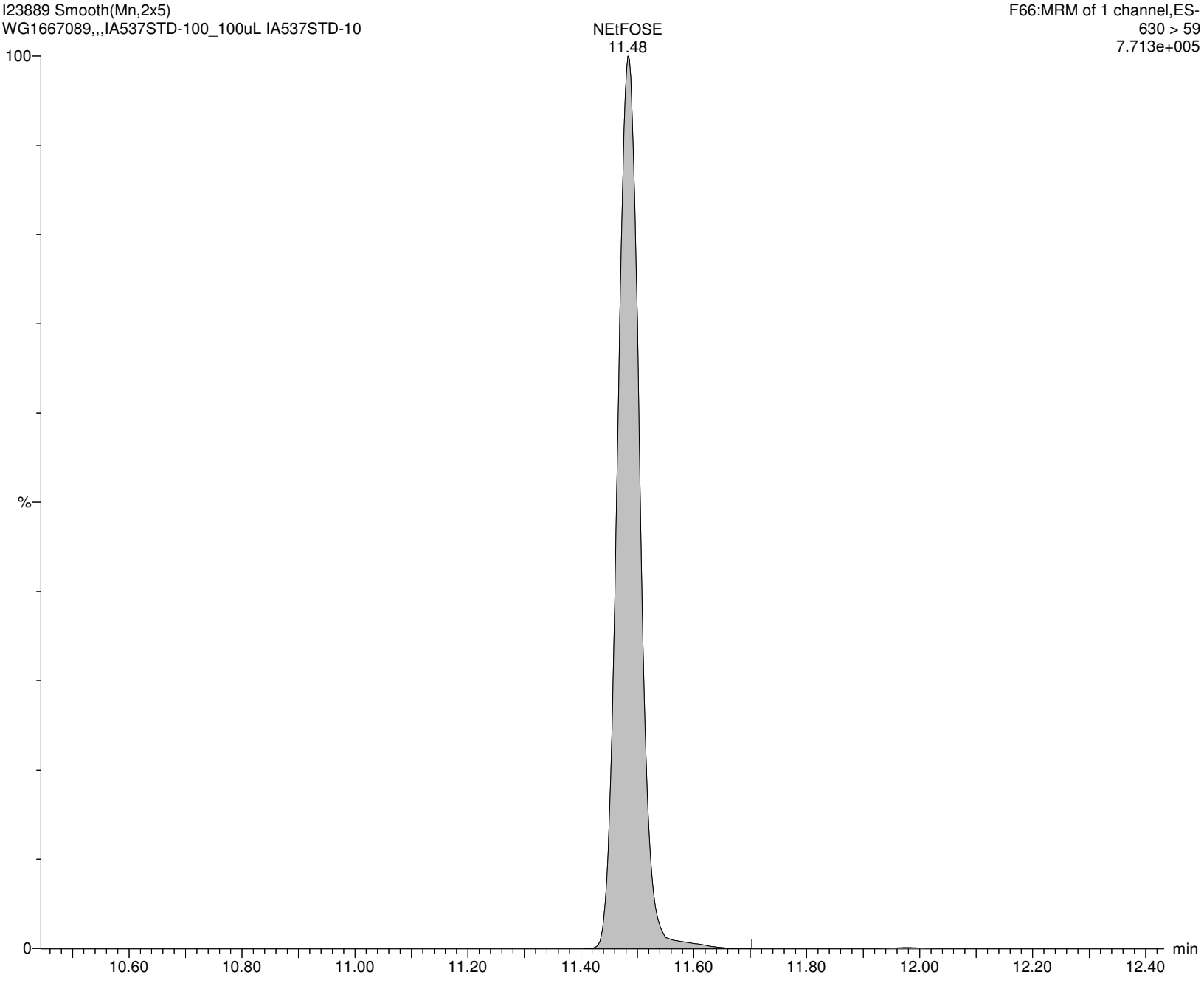


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NEtFOSE

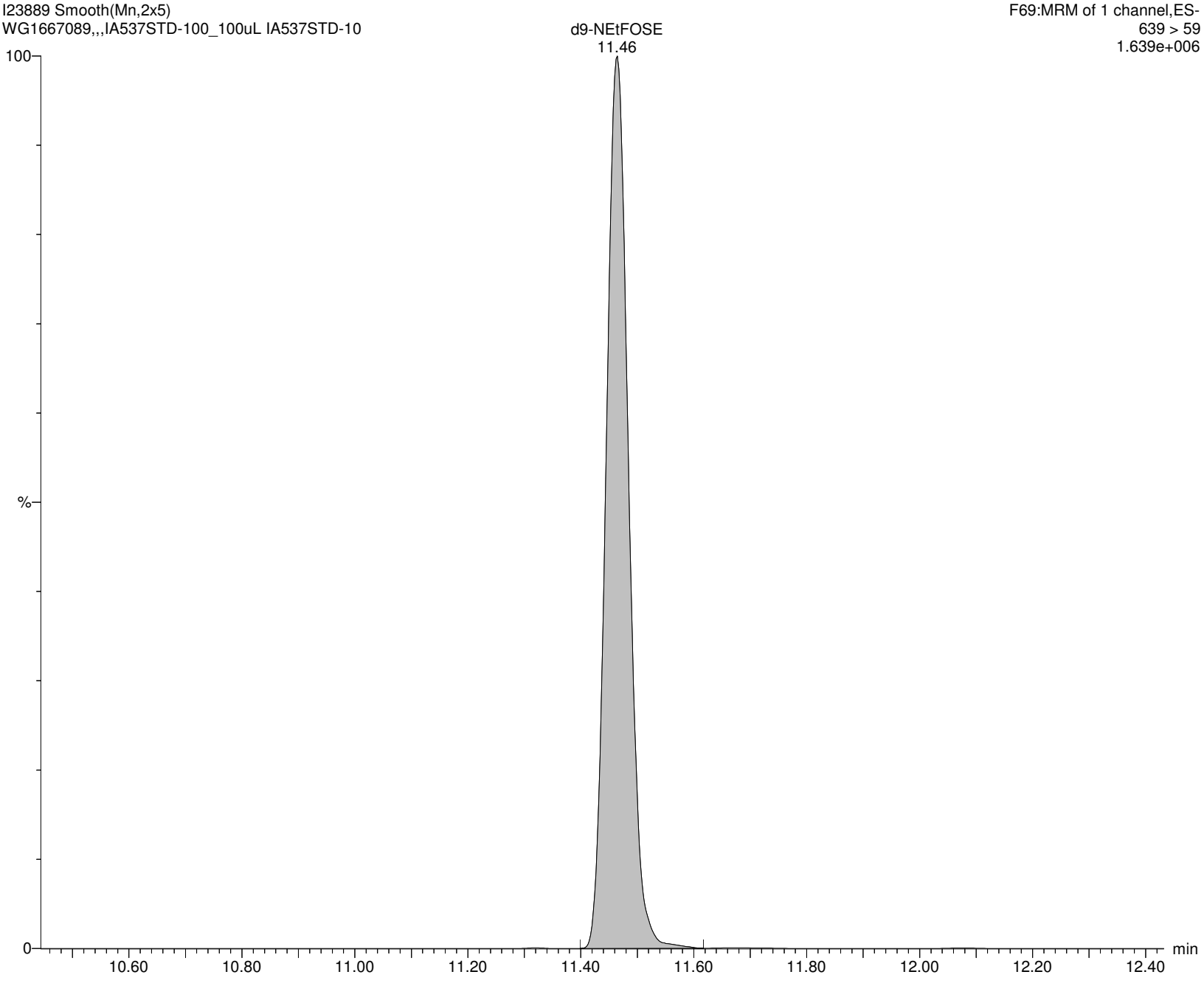


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

d9-NEtFOSE

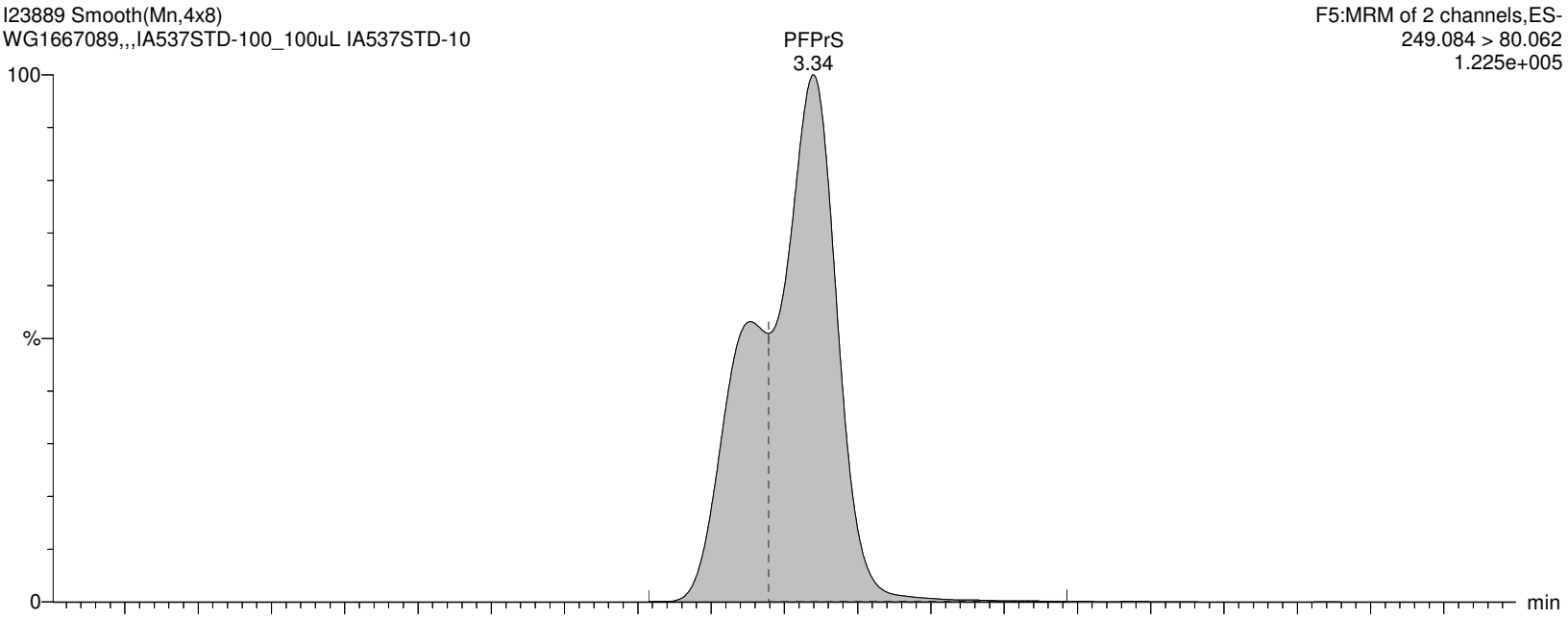


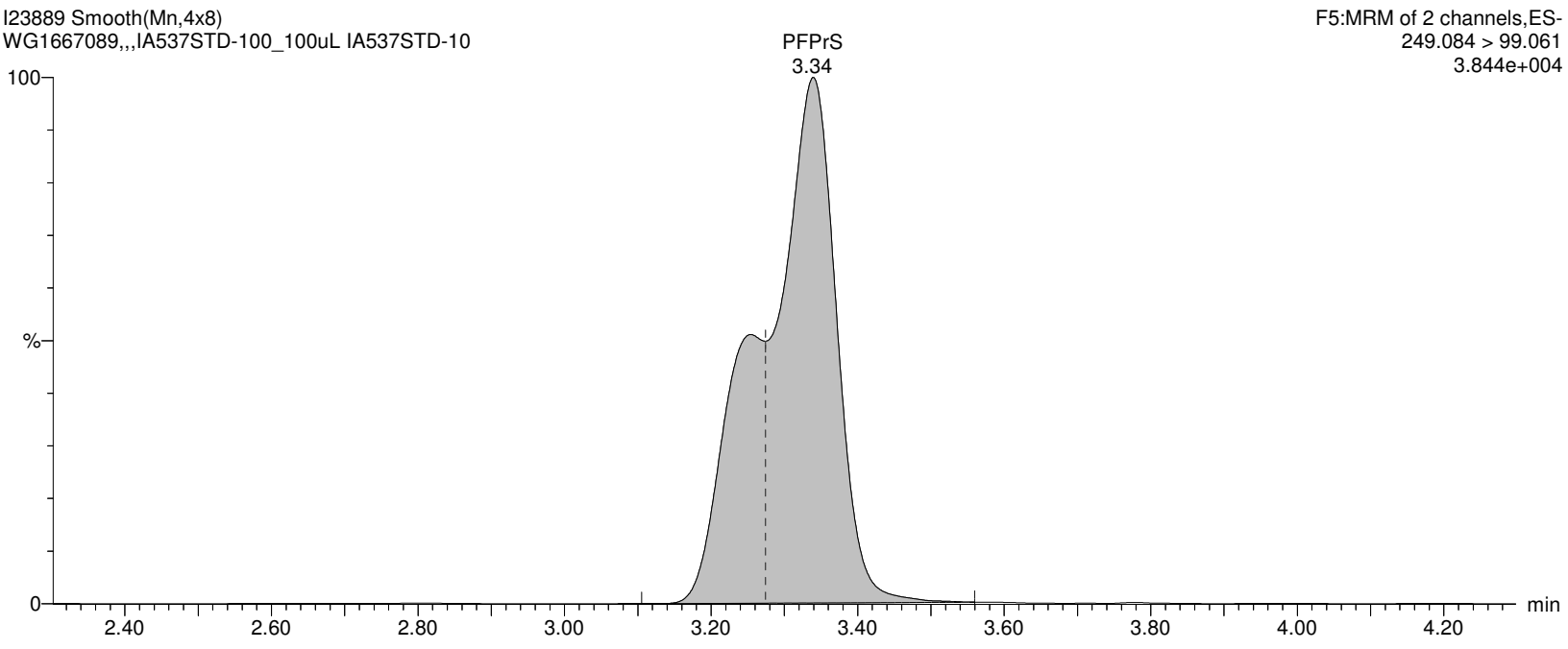
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFPrS



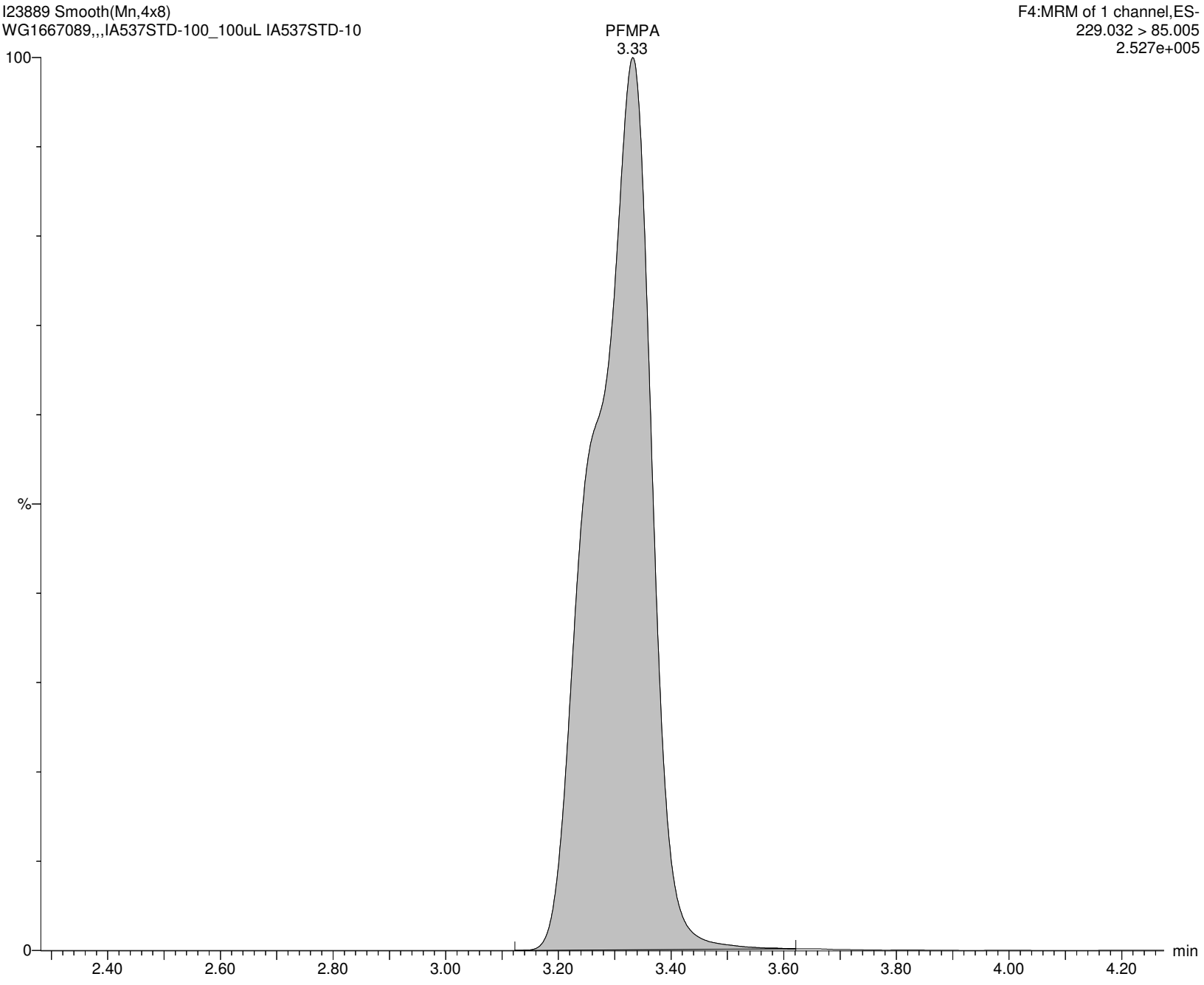


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFMPA

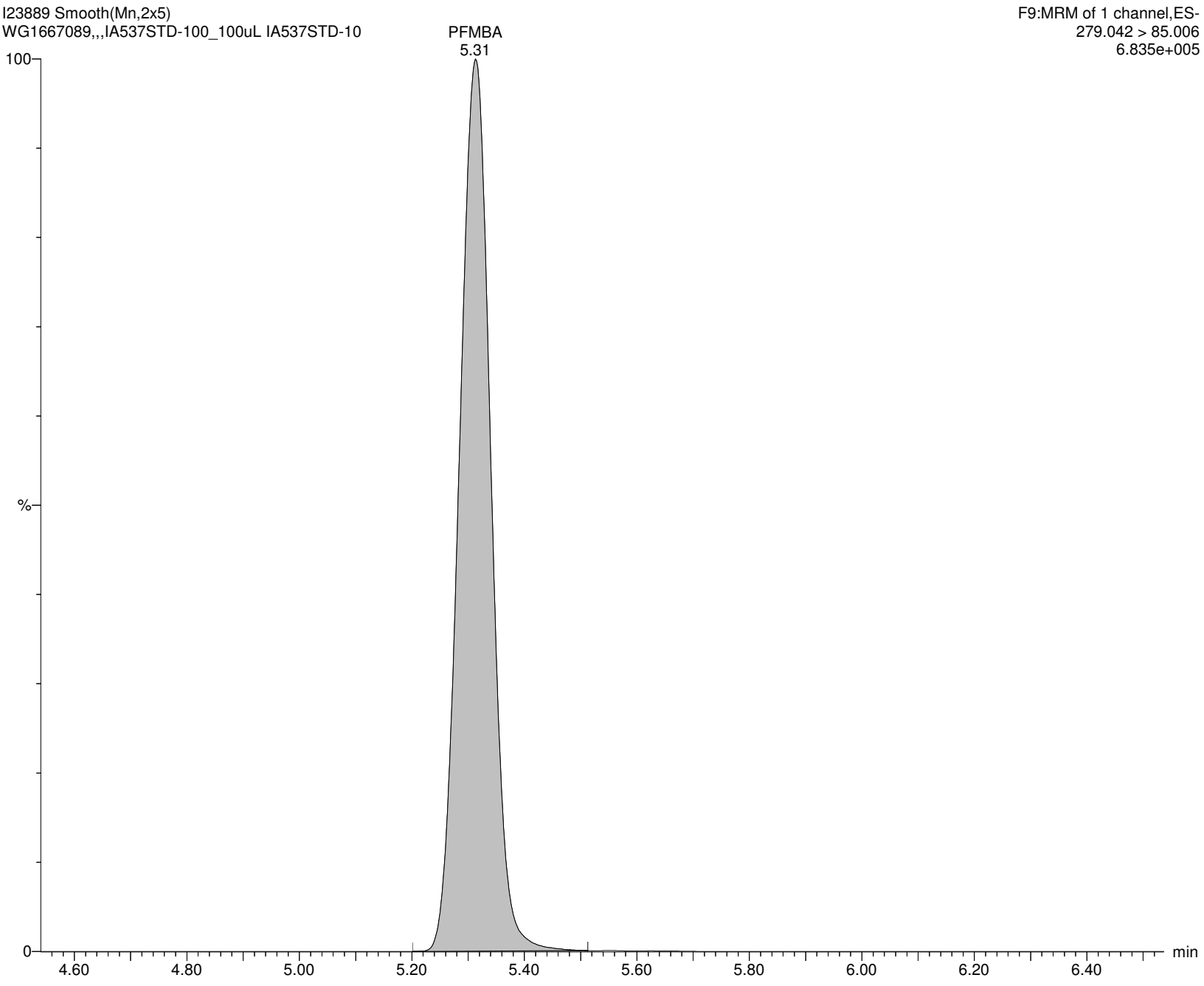


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFMBA

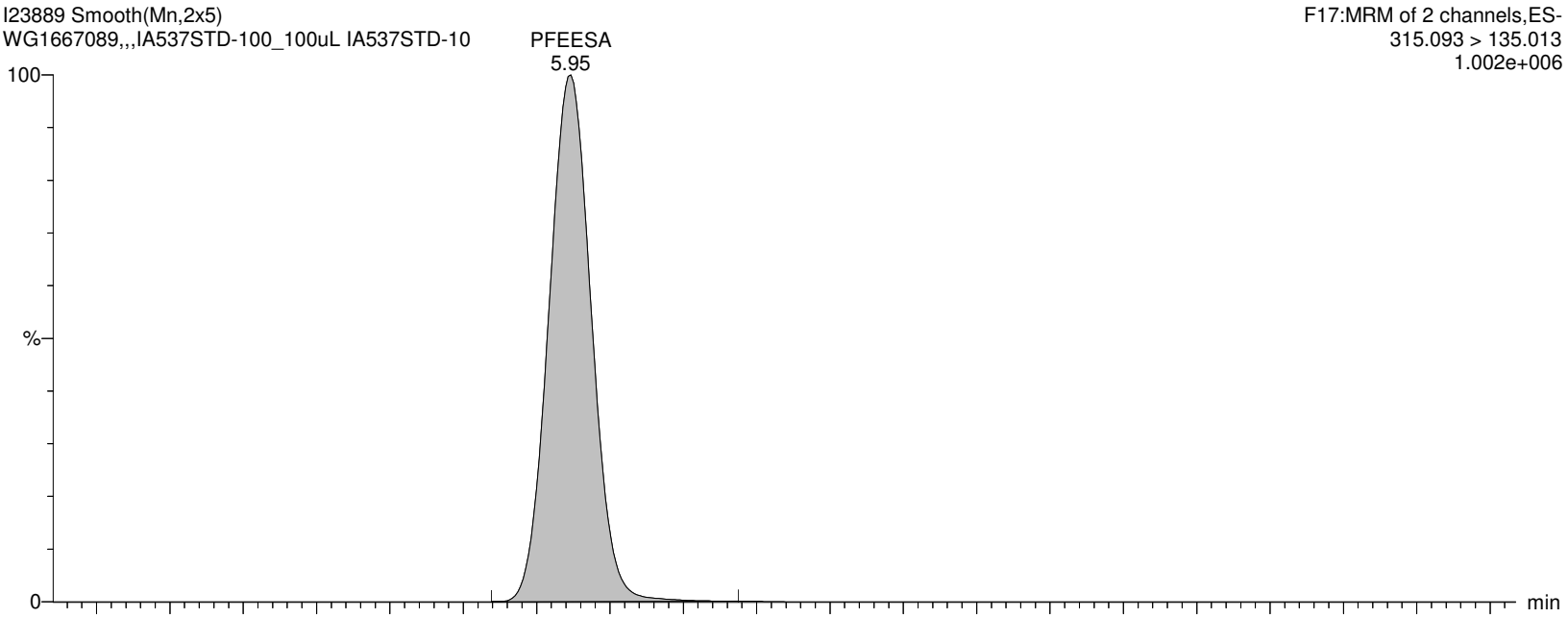


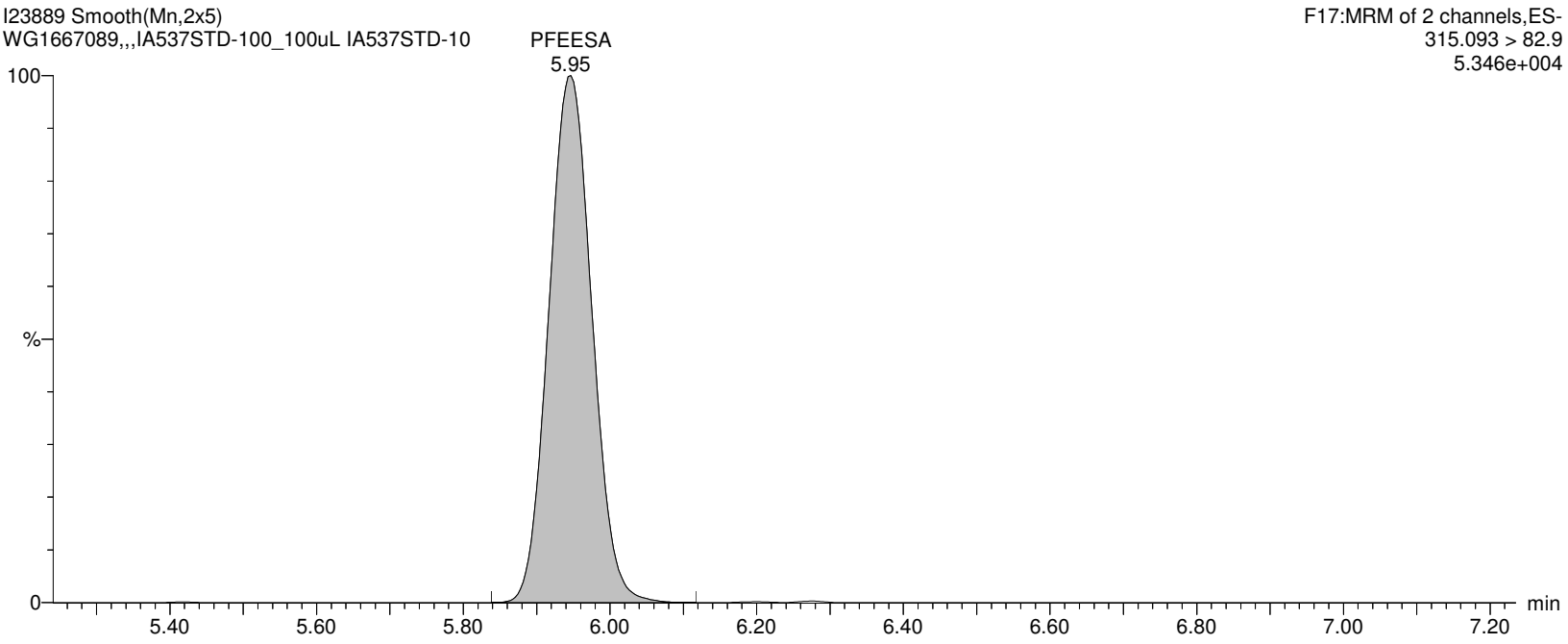
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFEESA



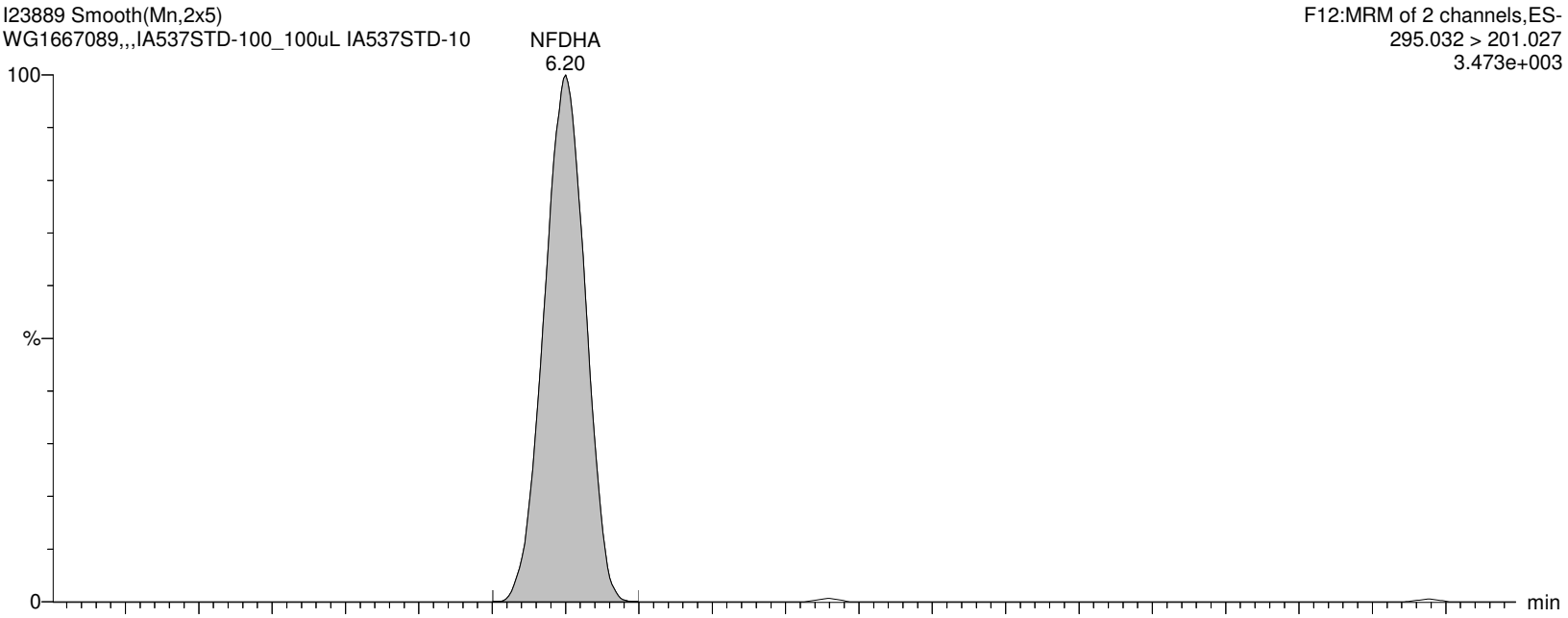


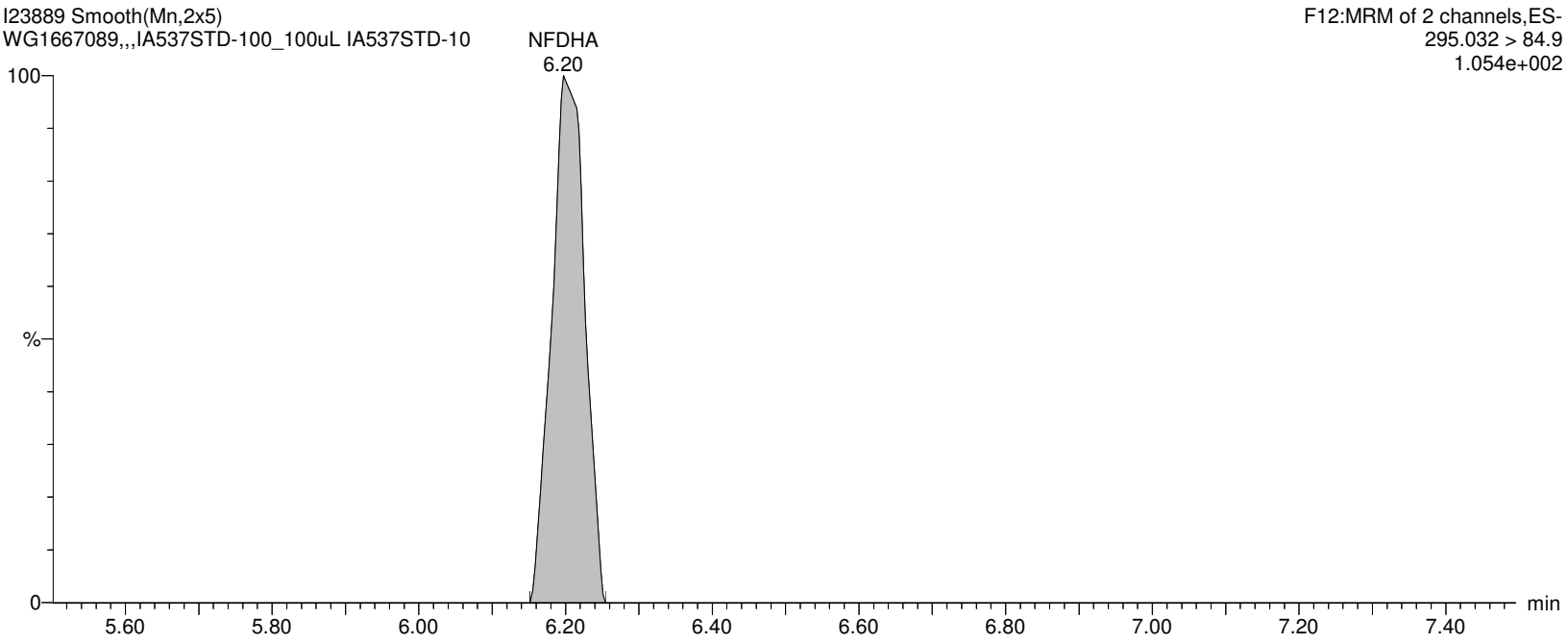
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NFDHA



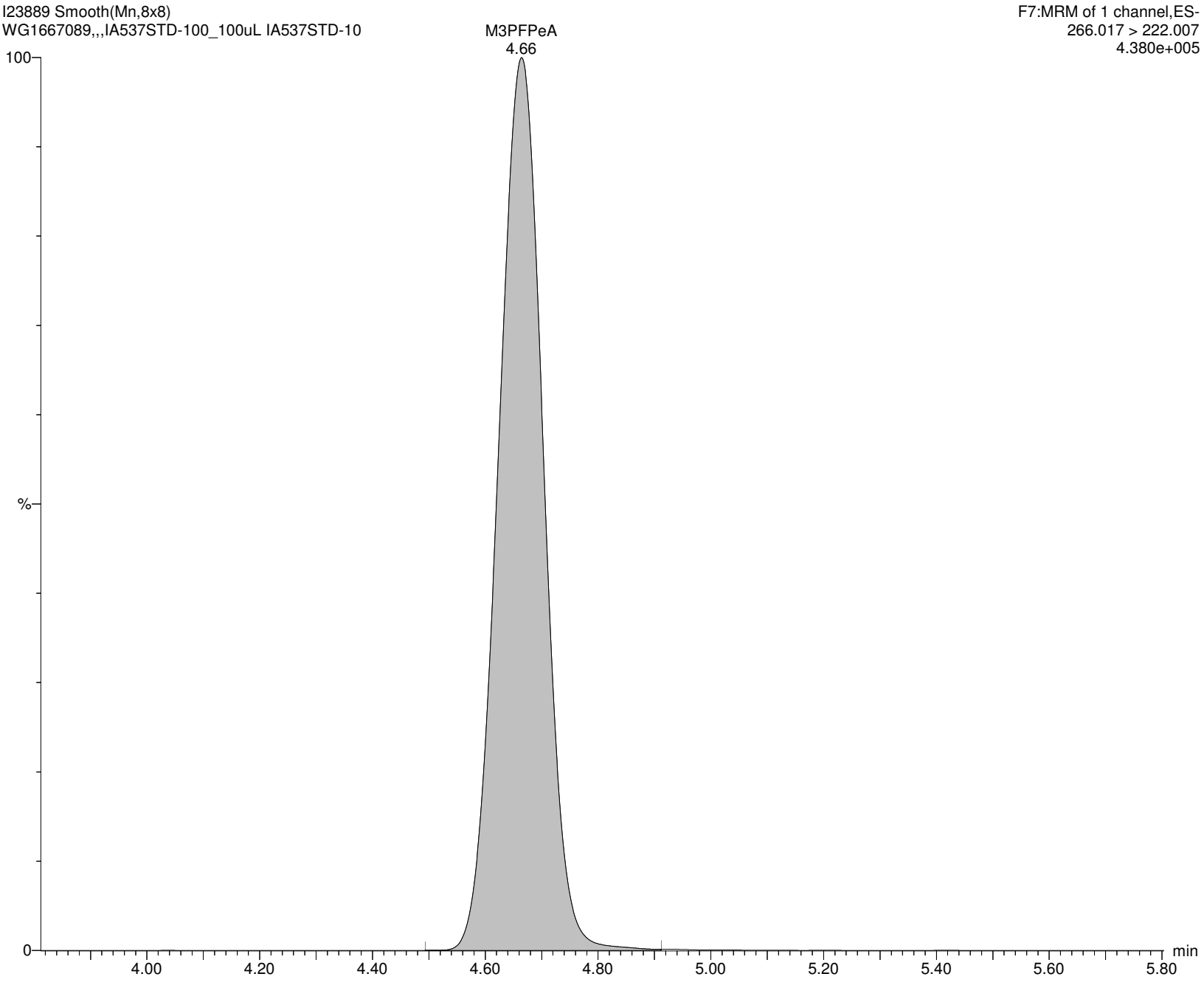


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M3PFPeA

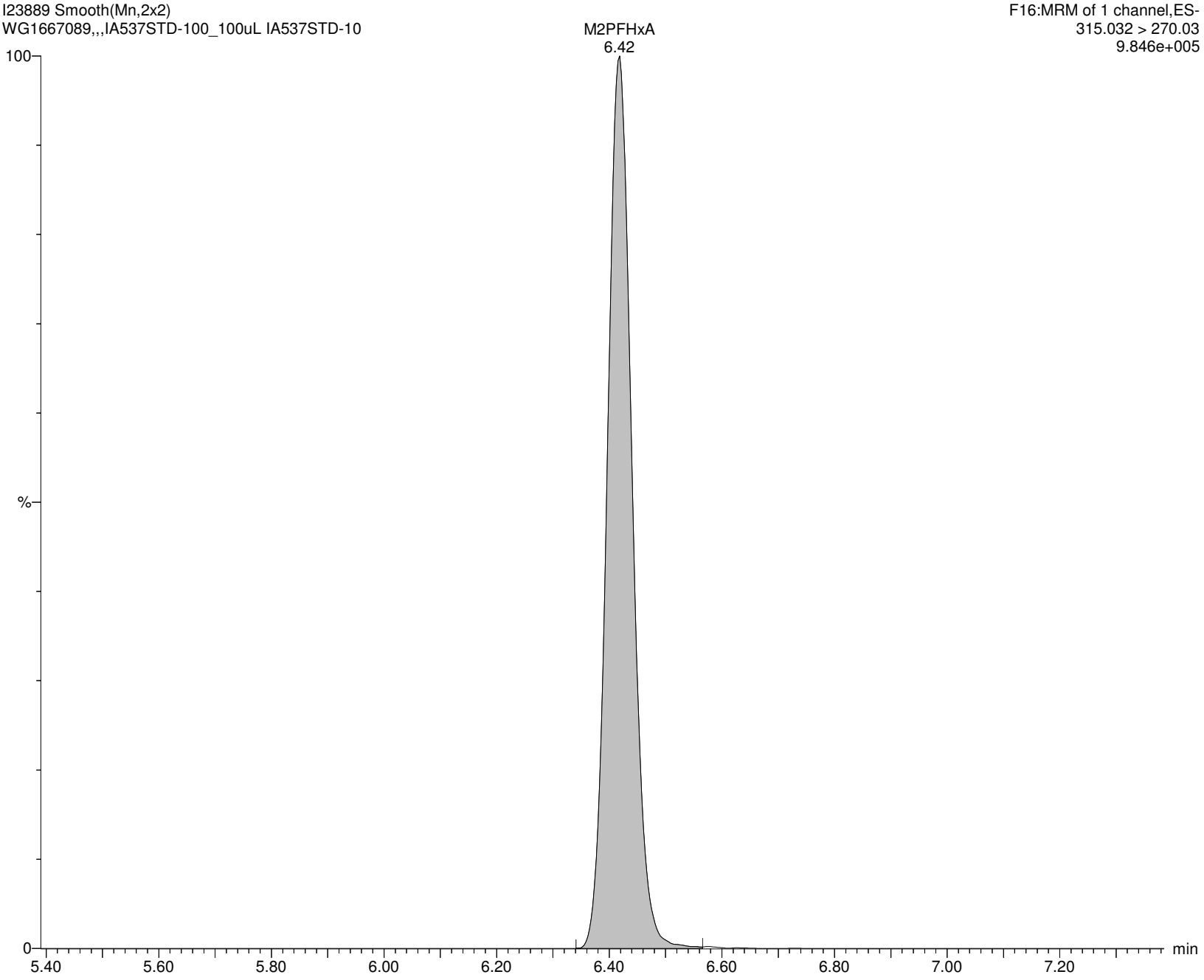


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2PFHxA

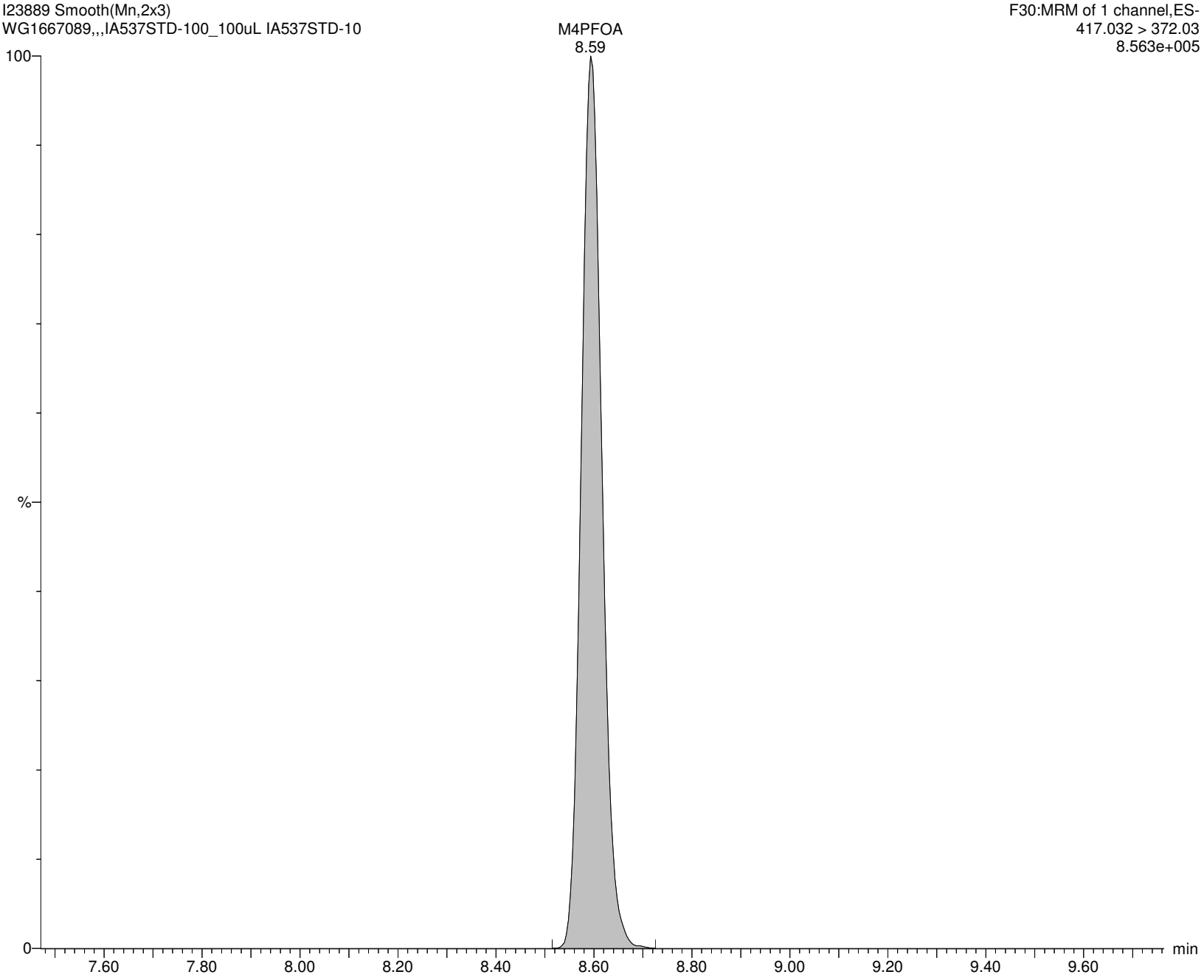


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:24 Eastern Daylight Time

Name: I23889
ID: IA537STD-10
Date: 26-Jul-2022
Time: 01:02:44
Description: WG1667089,,,IA537STD-100_100uL
User: LCMS01:RS
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M4PFOA



all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\MethDB\537ISO_Q_220725.mdb 26 Jul 2022 09:31:55
Calibration: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\CurveDB\220725_ICAL.cdb 26 Jul 2022 09:37:13

ID: IA537STD-25
Name: I23890
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:RS
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.07	213.032 > 169.022	107377		25.908		na	103.6
2	M3PFBA	INT STD	2.09	216.009 > 171.999	38125		10.204		na	102.0
3	MPFBA	INT STD	2.09	217.001 > 171.999	43714		10.098		na	101.0
4	PFPeA	2706-90-3	4.66	263.039 > 219.03	116097		25.980		na	103.9
5	M5PFPEA	INT STD	4.66	268.001 > 222.999	43156		10.124		na	101.2
6	PFBS	375-73-5	5.25	299.092 > 80.062	41879		22.971	2.03	NO	103.6
7	M3PFBS	INT STD	5.25	302.069 > 80.062	15408		8.574		na	92.0
8	4:2FTS	757124-72-4	6.34	327.146 > 307.139	7276		25.904	1.21	NO	110.6
9	M2-4:2FTS	INT STD	6.34	329.13 > 309.124	3252		9.042		na	96.4
10	PFHxA	307-24-4	6.42	313.047 > 269.037	144455		26.242	11.36	NO	105.0
11	M5PFHxA	INT STD	6.42	318.009 > 273.007	53658		9.649		na	96.5
12	PFPeS	2706-91-4	6.72	349.1 > 80.062	44895		25.283	1.71	NO	107.5
13	PFHpA	375-85-9	7.66	363.055 > 319.045	122605		25.457	3.68	NO	101.8
14	M4PFHpA	INT STD	7.66	367.025 > 322.022	46285		9.932		na	99.3
15	br-PFHxS	355-46-4	7.59	399.107 > 80.062	7761	m5,m7	5.004	2.20	NO	105.9
16	L-PFHxS	355-46-4	7.82	399.107 > 80.062	35636		21.850	1.67	NO	107.8
17	PFHxS	355-46-4		399.107 > 80.062	43397		26.854		na	
18	M3PFHxS	INT STD	7.82	402.084 > 80.062	16769		8.960		na	94.5
19	br-PFOA	335-67-1		413.063 > 369.053			ND		YES	
20	L-PFOA	335-67-1	8.60	413.063 > 369.053	130801		25.798	6.32	NO	103.2
21	PFOA	335-67-1		413.063 > 369.053	130801		25.798		na	
22	M8PFOA	INT STD	8.60	421.002 > 376.	44394		10.250		na	102.5
23	M2PFOA	INT STD	8.60	415.048 > 370.045	44684		10.711		na	107.1
24	6:2FTS	27619-97-2	8.55	427.161 > 407.155	8331		26.344	2.16	NO	110.8
25	M2-6:2FTS	INT STD	8.55	429.146 > 409.14	3941		9.183		na	96.6
26	PFHpS	375-92-8	8.69	449.115 > 80.062	45765		26.845	1.78	NO	112.7
27	PFNA	375-95-1	9.36	463.071 > 419.061	124792		26.866	3.87	NO	107.5
28	M9PFNA	INT STD	9.36	472.002 > 427.	39974		9.880		na	98.8
29	br-PFOS	1763-23-1	9.22	499.123 > 80.062	11730	m5,m7	6.125	4.08	NO	116.1
30	L-PFOS	1763-23-1	9.42	499.123 > 80.062	33865		23.330	1.91	NO	118.3
31	PFOS	1763-23-1		499.123 > 80.062	45594		29.455		na	
32	M4PFOS	INT STD	9.42	503.093 > 80.062	17615		11.067		na	110.7
33	M8PFOS	INT STD	9.42	507.062 > 80.062	15173		8.402		na	87.6
34	PFDA	335-76-2	10.00	513.078 > 469.069	78554		27.133	2.43	NO	108.5
35	M2PFDA	INT STD	10.00	515.063 > 470.061	31401		10.240		na	102.4
36	M6PFDA	INT STD	10.00	519.033 > 474.03	28084		10.362		na	103.6
37	8:2FTS	39108-34-4	9.99	527.177 > 507.171	6341		23.995	1.68	NO	100.0
38	M2-8:2FTS	INT STD	9.99	529.162 > 509.155	2787		8.962		na	93.4
39	PFNS	68259-12-1	10.03	549.131 > 80.062	44481		29.936	2.30	NO	124.5

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

ID: IA537STD-25
Name: I23890
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:RS
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.40	573.22 > 419.061	7027		11.092		na	110.9
41	br-NMeFOSAA	2355-31-9	10.25	570.202 > 419.061	1015	m5,m7	6.039	0.86	NO	100.6
42	L-NMeFOSAA	2355-31-9	10.41	570.202 > 419.061	8691		18.923	1.91	NO	99.6
43	NMeFOSAA	2355-31-9		570.202 > 419.061	9706		24.962		na	
44	PFUnA	2058-94-8	10.55	563.086 > 519.076	82520		27.944	5.43	NO	111.8
45	M7-PFUDA	INT STD	10.55	570.033 > 525.031	28284		10.337		na	103.4
46	PFDS	335-77-3	10.56	598.926 > 80.062	33620		29.957	2.04	NO	124.2
47	FOSA	754-91-6	10.54	498.146 > 78.07	114915		26.550	44.07	NO	106.2
48	M8FOSA	INT STD	10.55	506.077 > 78.07	44646		10.299		na	103.0
49	d5-NEtFOSAA	INT STD	10.71	589.259 > 419.061	7139		10.984		na	109.8
50	br-NEtFOSAA	2991-50-6	10.56	584.229 > 419.061	954	m5,m7	5.243	0.67	NO	93.2
51	L-NEtFOSAA	2991-50-6	10.72	584.229 > 419.061	8600		18.612	1.20	NO	96.1
52	NEtFOSAA	2991-50-6		584.229 > 419.061	9554		23.855		na	
53	PFDoA	307-55-1	11.03	613.094 > 569.084	85169		28.188	5.92	NO	112.8
54	MPFDOA	INT STD	11.03	615.079 > 570.077	31337		9.699		na	97.0
55	PFTrDA	72629-94-8	11.46	663.102 > 619.092	50595		28.465	5.22	NO	113.9
56	PFTA	376-06-7	11.83	713.11 > 669.1	47719		26.623	6.71	NO	106.5
57	M2PFTEDA	INT STD	11.83	715.094 > 670.092	18921		10.642		na	106.4
58	M3HFPO-DA	INT STD	6.83	287.02 > 169.022	34834		191.882		na	95.9
59	HFPO-DA	13252-13-6	6.83	285.035 > 169.022	48448		261.009	14.65	NO	104.4
60	ADONA	958445-44-8	7.84	377.06 > 251.028	169935		24.788	30.24	NO	104.9
61	PFHxDA		12.45	813.122 > 769.116	65699		26.353	20.36	NO	105.4
62	PFODA		12.77	913.411 > 869.131	16059		28.394	24.21	NO	113.6
63	M2PFHxDA		12.45	815.102 > 770.108	20706		10.655		na	106.5
64	PFDoS		11.45	699.154 > 80.062	37994		31.210	1.75	NO	129.0
65	M2D4-10:2FTS		11.04	633.201 > 612.189	3376		19.956		na	101.8
66	10:2FTS		11.04	627.192 > 607.186	5472	m4,m7	23.026	1.94	NO	95.3
67	9CL-PF3ONS		9.77	530.862 > 350.843	78798		29.734	4.56	NO	127.5
68	11CL-PFOUdS		10.83	630.862 > 450.854	45290		30.351	2.42	NO	128.7
69	NMeFOSA		11.19	512.163 > 169.022	157486		138.160	2.13	NO	110.5
70	d3-NMeFOSA		11.18	515.183 > 169.022	110203		102.209		na	102.2
71	NEtFOSA		11.50	526.192 > 169.022	186656		137.581	6.73	NO	110.1
72	d5-NEtFOSA		11.49	531.222 > 169.022	125137		101.767		na	101.8
73	NMeFOSE		11.19	616 > 59	113336		61.586		na	98.5
74	d7-NMeFOSE		11.17	623 > 59	108739		118.019		na	118.0
75	NEtFOSE		11.49	630 > 59	100030		65.431		na	104.7
76	d9-NEtFOSE		11.47	639 > 59	79167		114.207		na	114.2
77	PFPrS		3.34	249.084 > 80.062	42778	m3,m7	25.311	3.28	NO	110.0
78	PFMPA		3.33	229.032 > 85.005	86051		27.544		na	110.2
79	PFMBA		5.31	279.042 > 85.006	127509		27.187		na	108.7
80	PFEESA		5.94	315.093 > 135.013	198024		23.890	17.58	NO	107.4
81	NFDHA		6.20	295.032 > 201.027	1129	m7	43.149	147.44	YES	172.6
82	M3PFPeA		4.66	266.017 > 222.007	39829		9.907		na	99.1

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

ID: IA537STD-25
Name: I23890
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:RS
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
83	M2PFHxA		6.42	315.032 > 270.03	49420		9.443		na	94.4
84	M4PFOA		8.60	417.032 > 372.03	41713		9.719		na	97.2

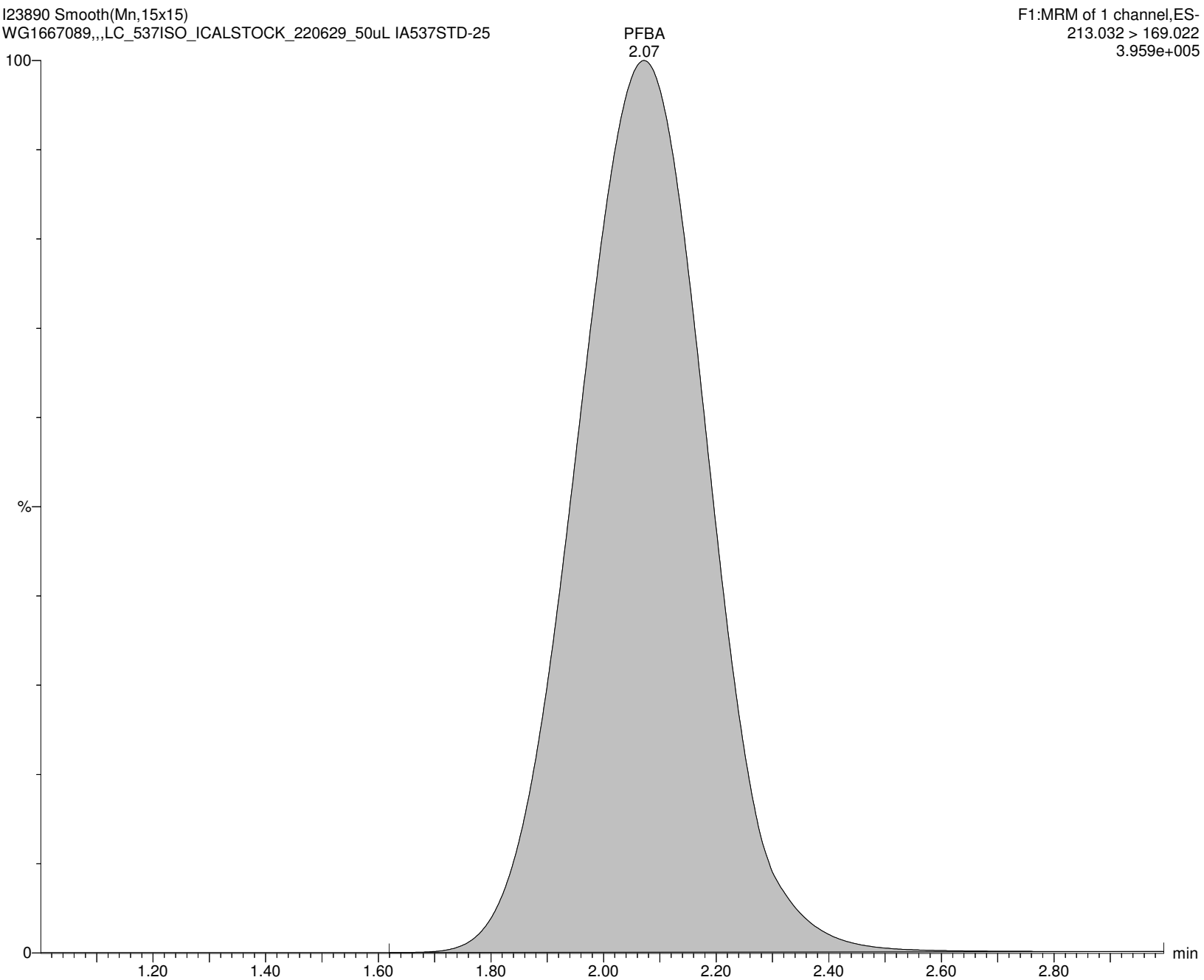
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\MethDB\537ISO_Q_220725.mdb 26 Jul 2022 09:31:55
Calibration: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\CurveDB\220725_ICAL.cdb 26 Jul 2022 09:37:13

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFBA

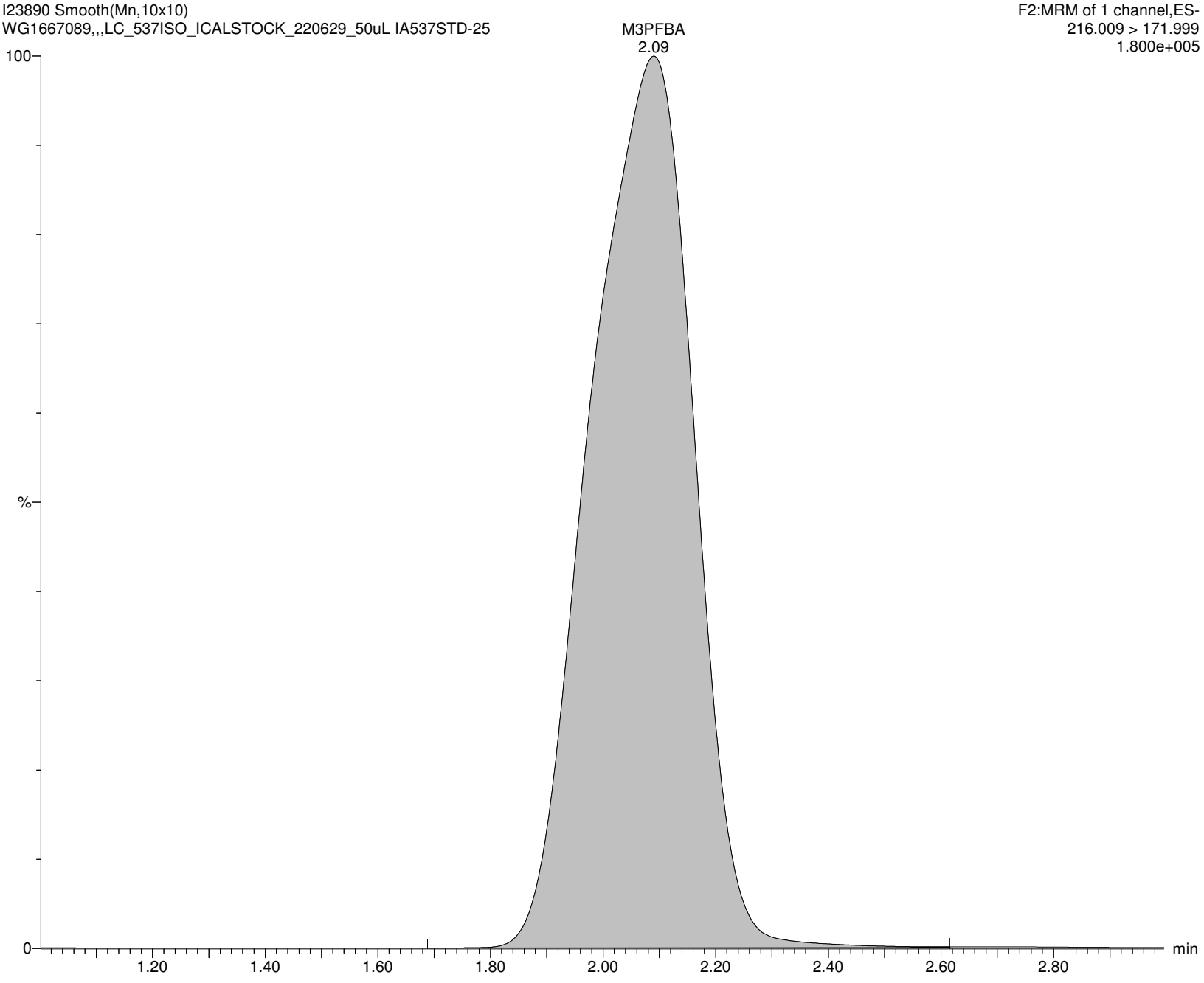


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M3PFBA

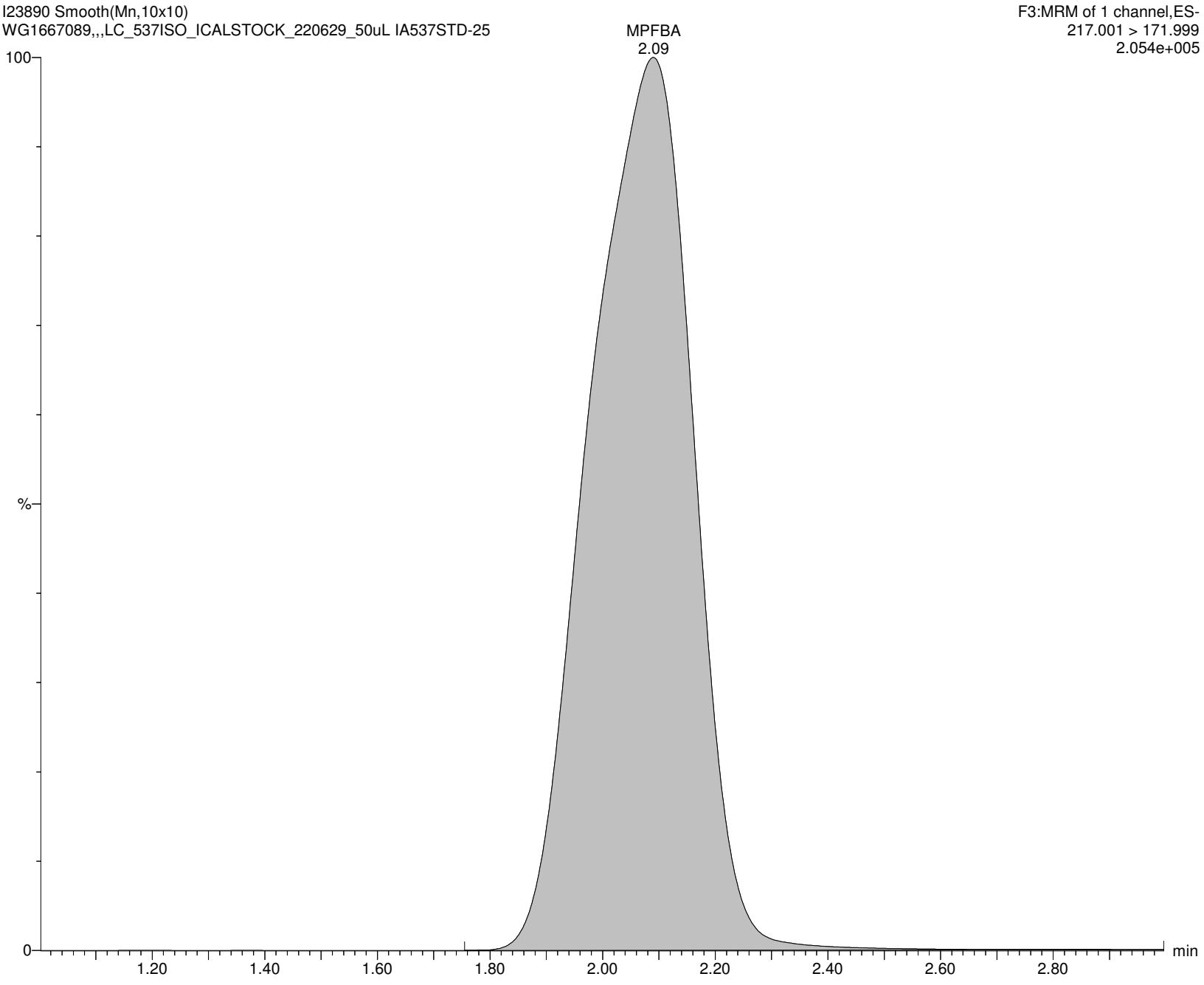


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

MPFBA

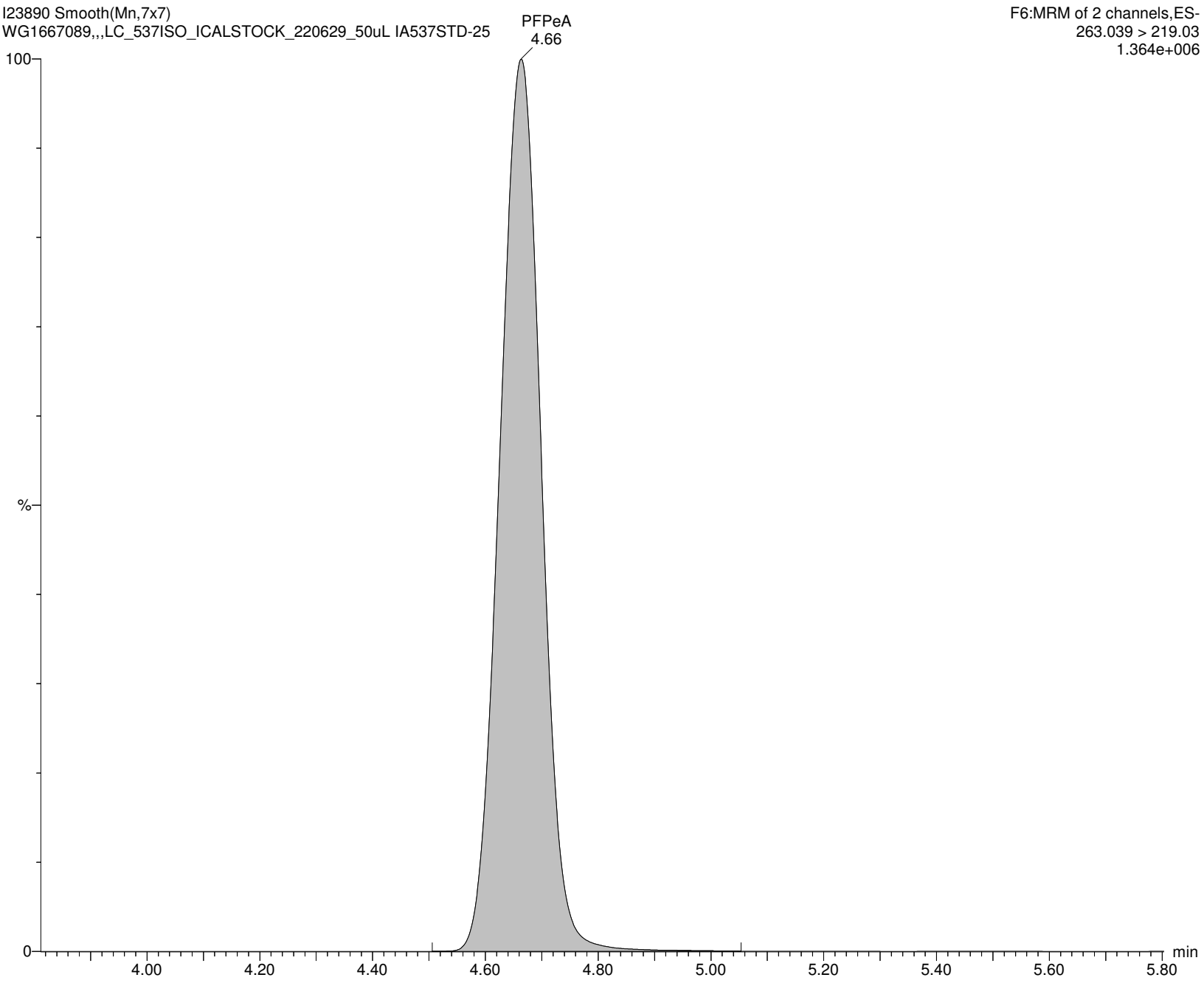


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFPeA

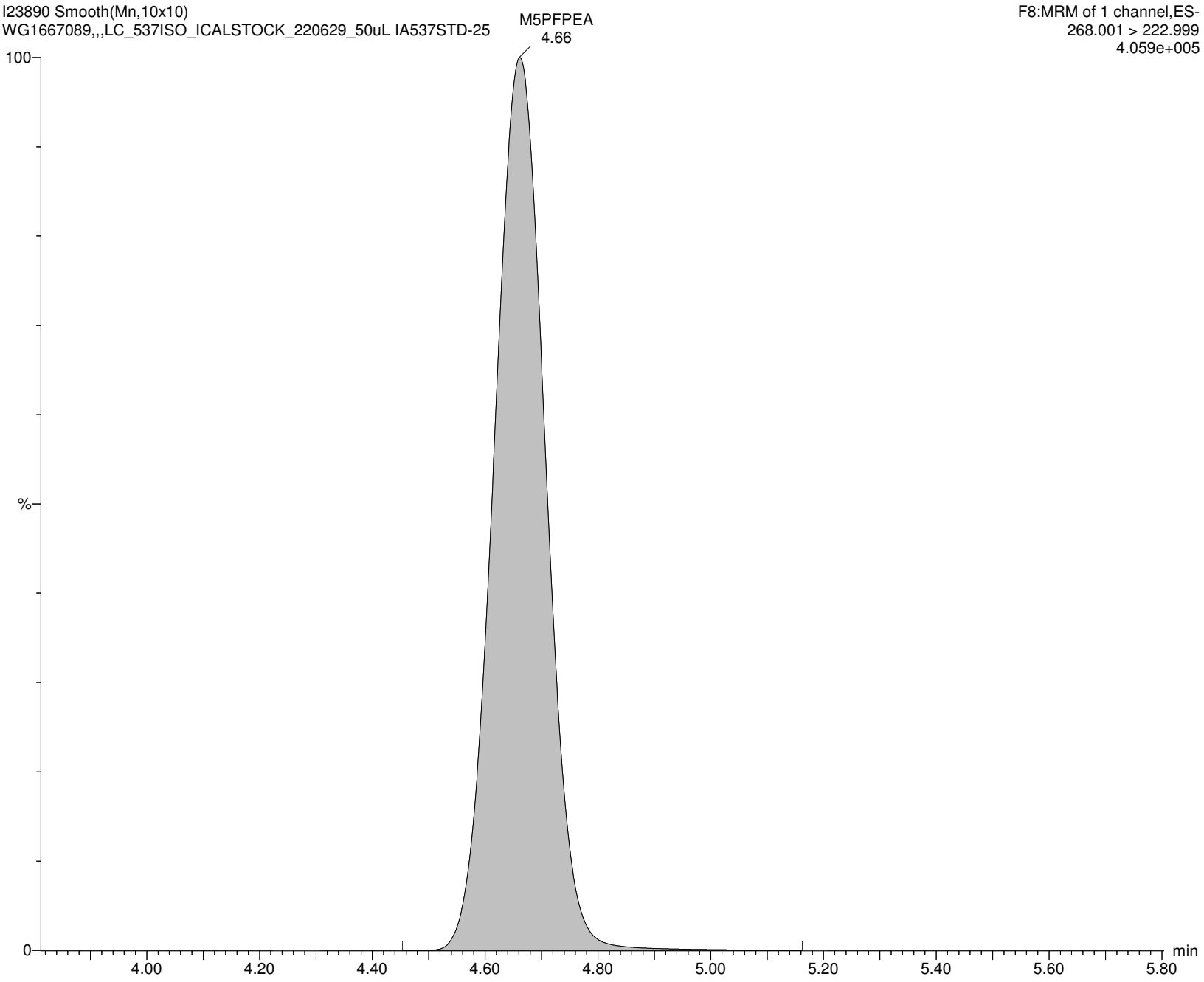


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M5PFPEA

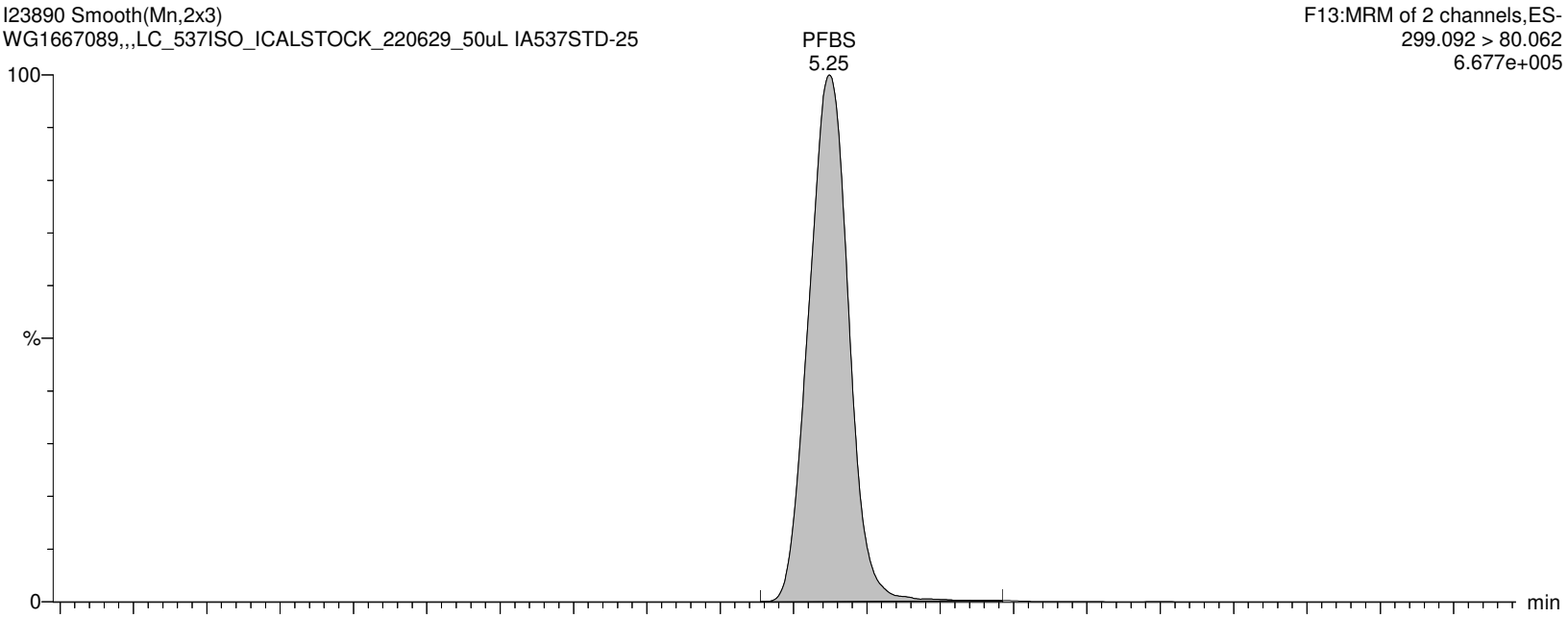


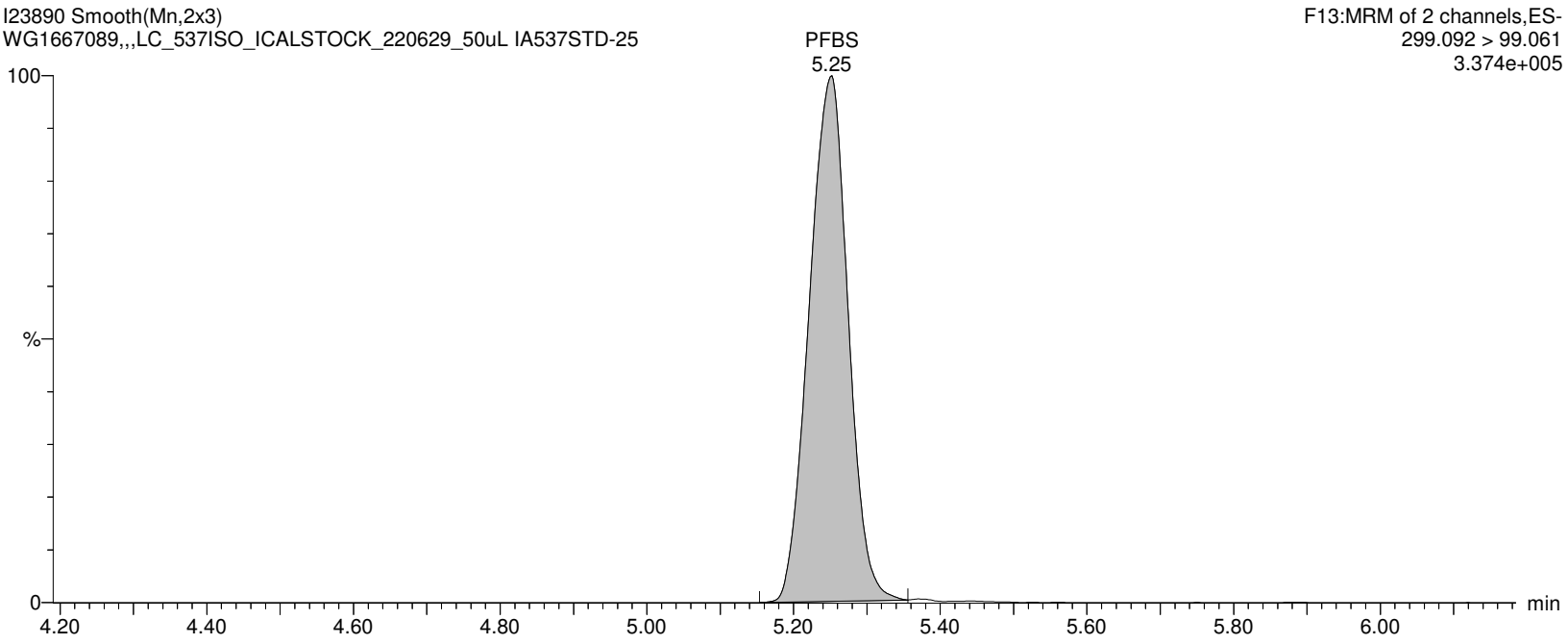
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFBS



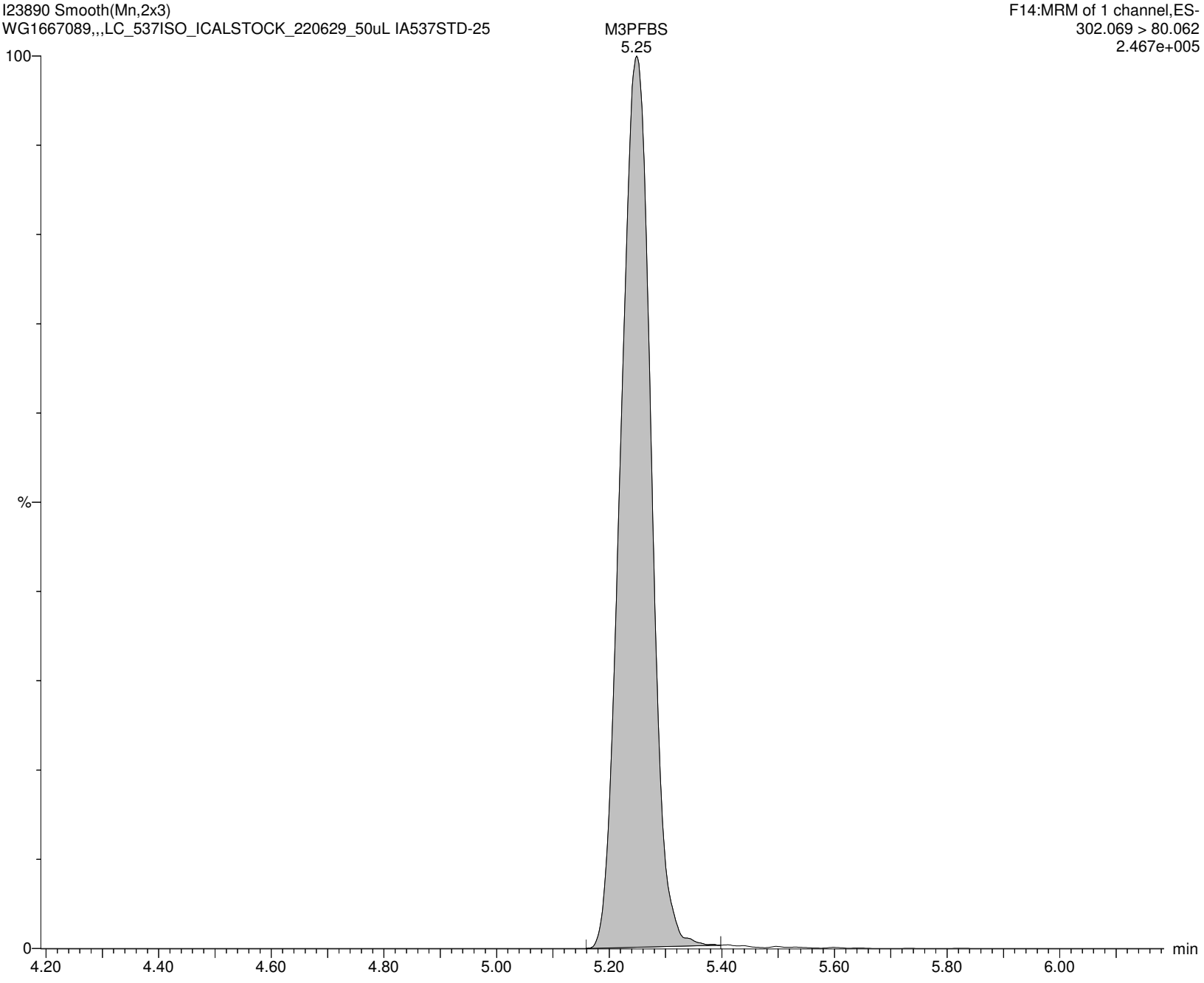


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M3PFBS

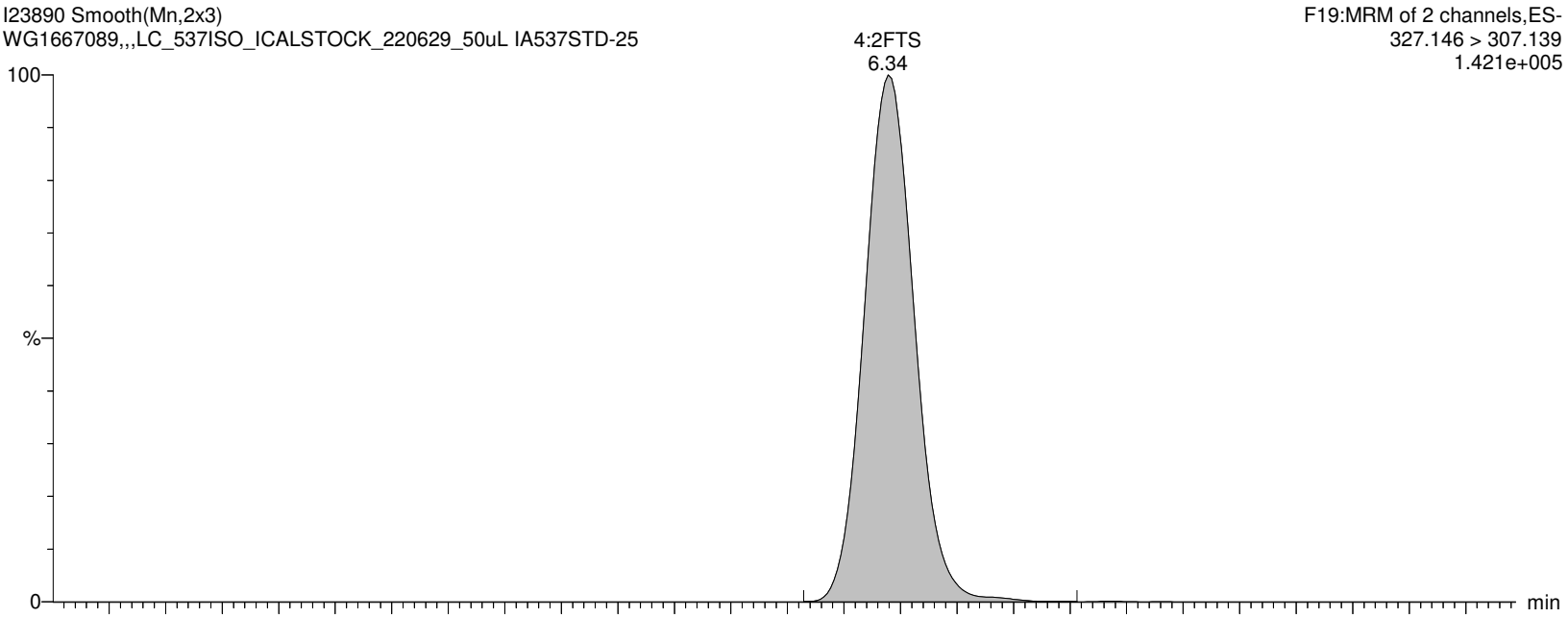


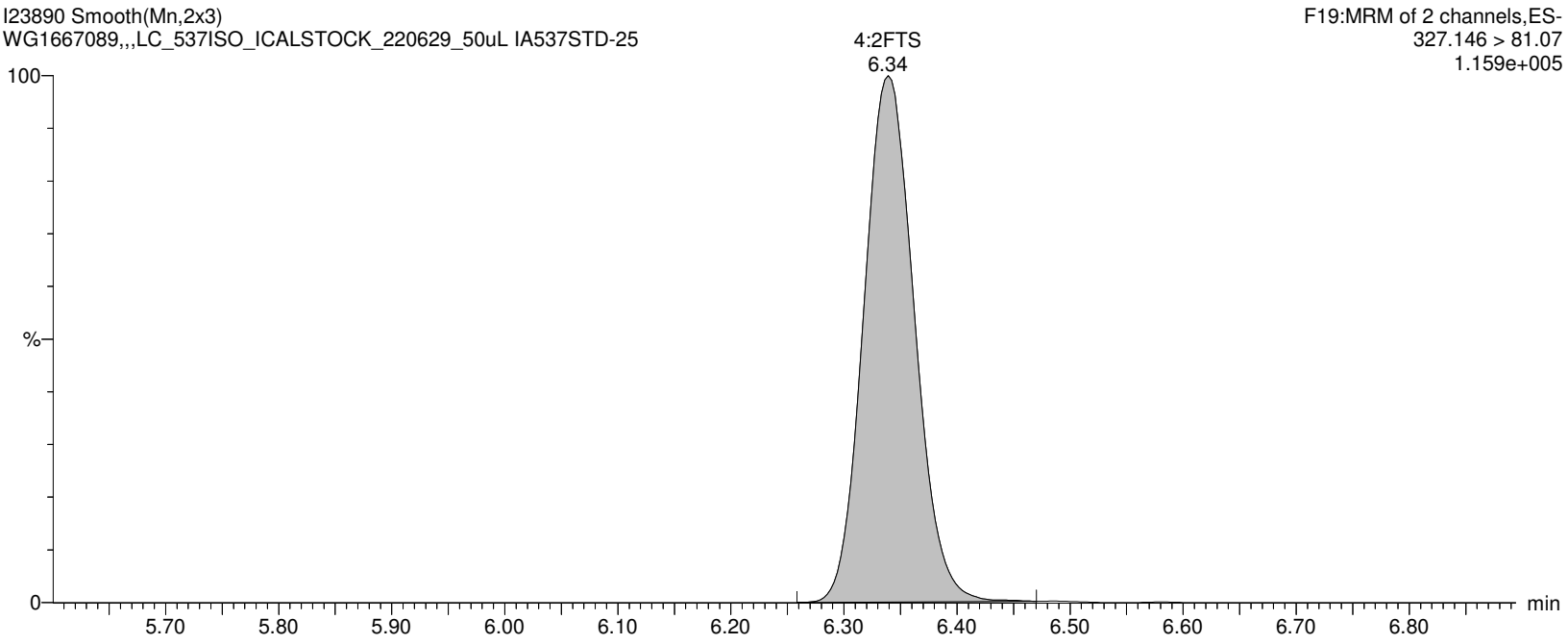
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

4:2FTS



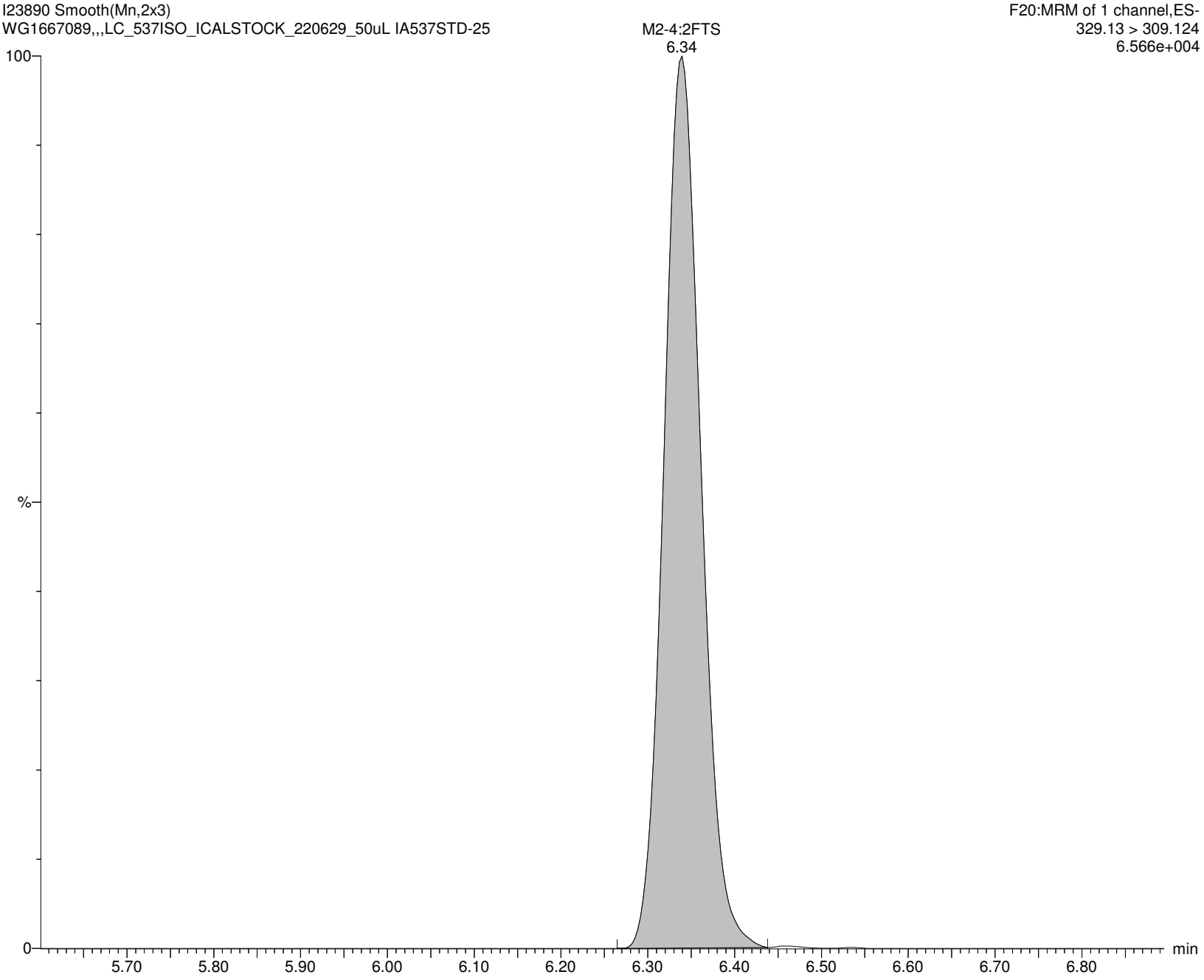


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2-4:2FTS

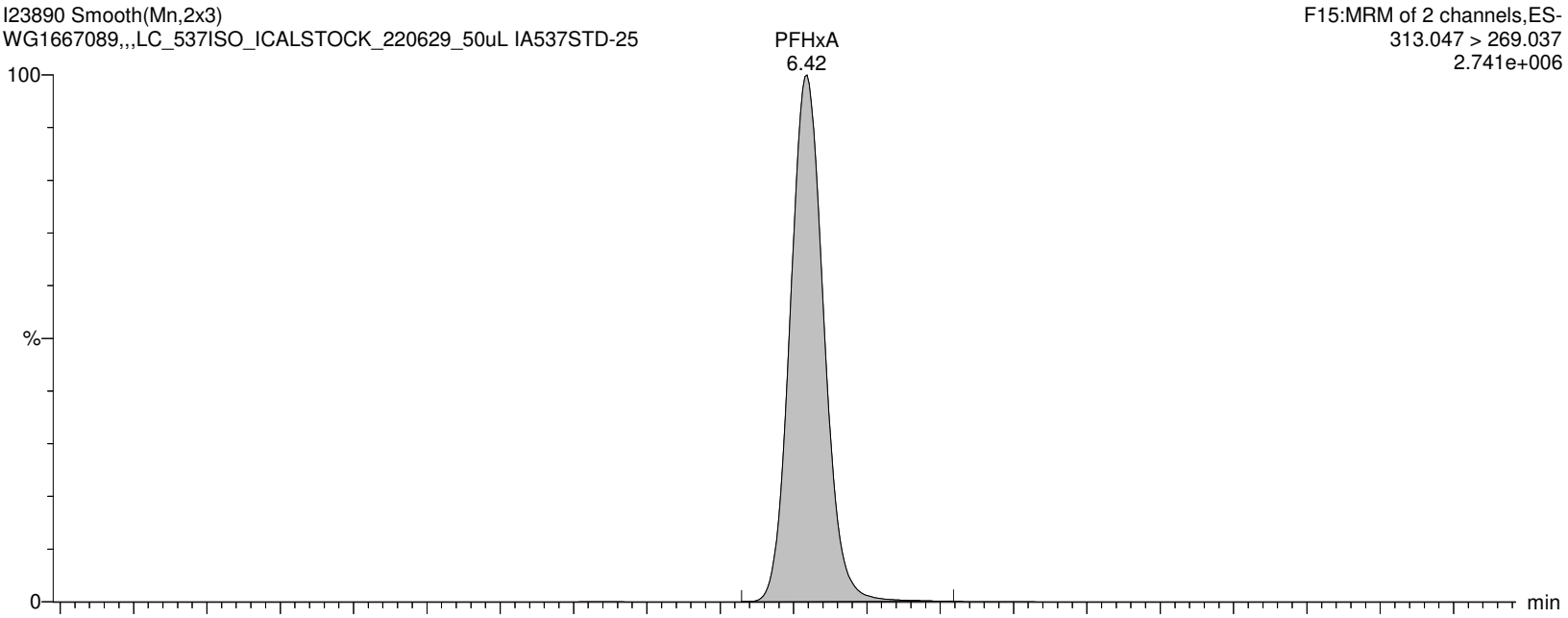


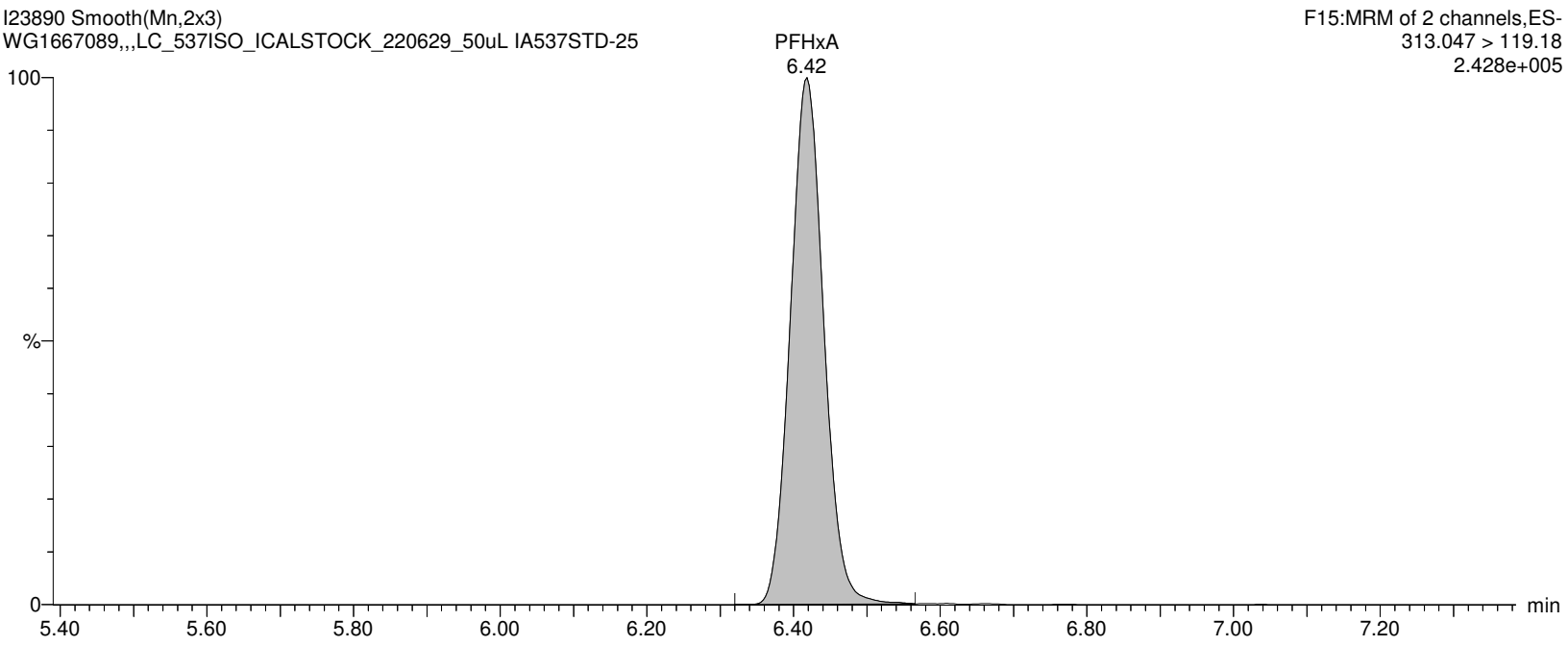
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFHxA



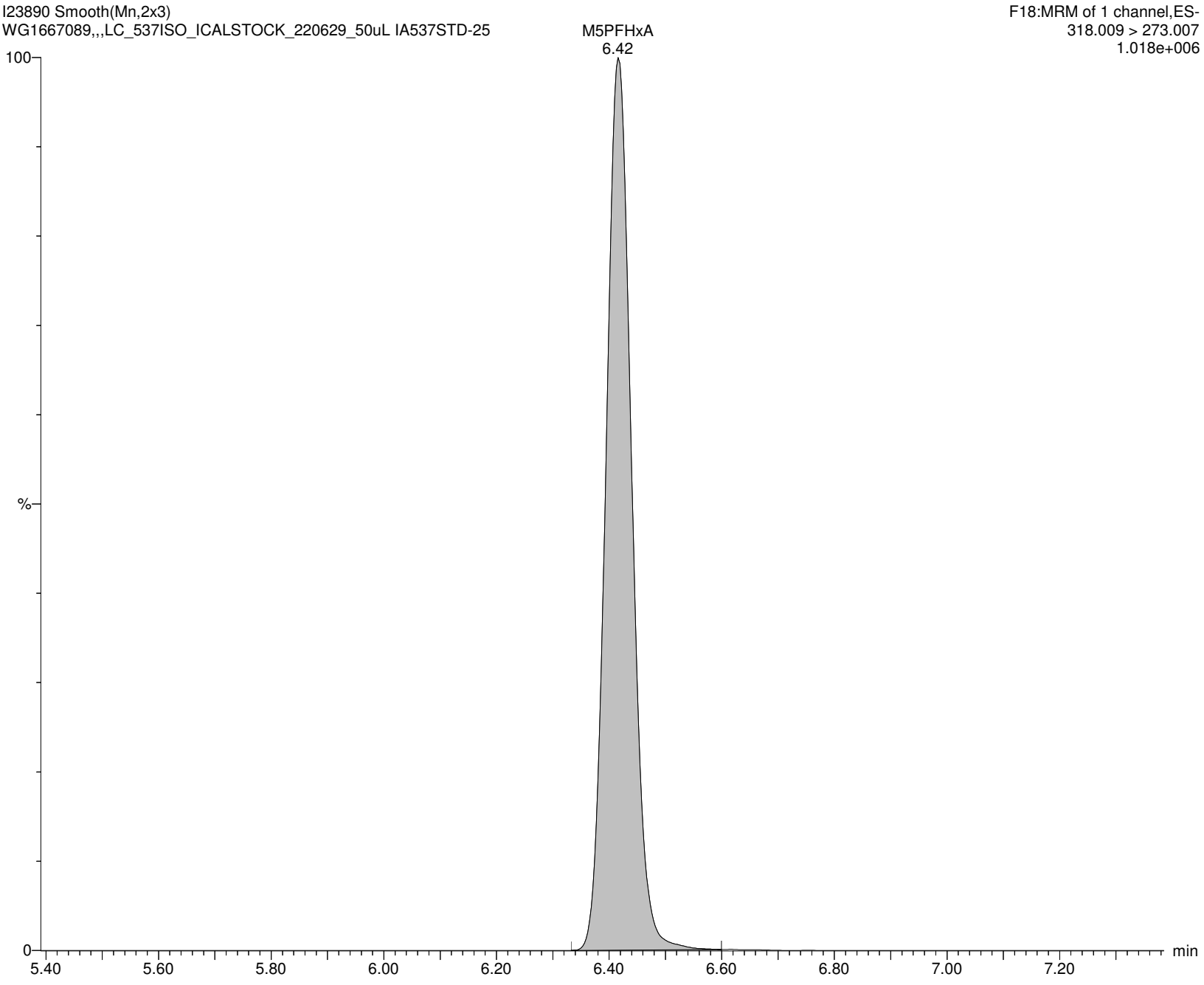


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M5PFHxA

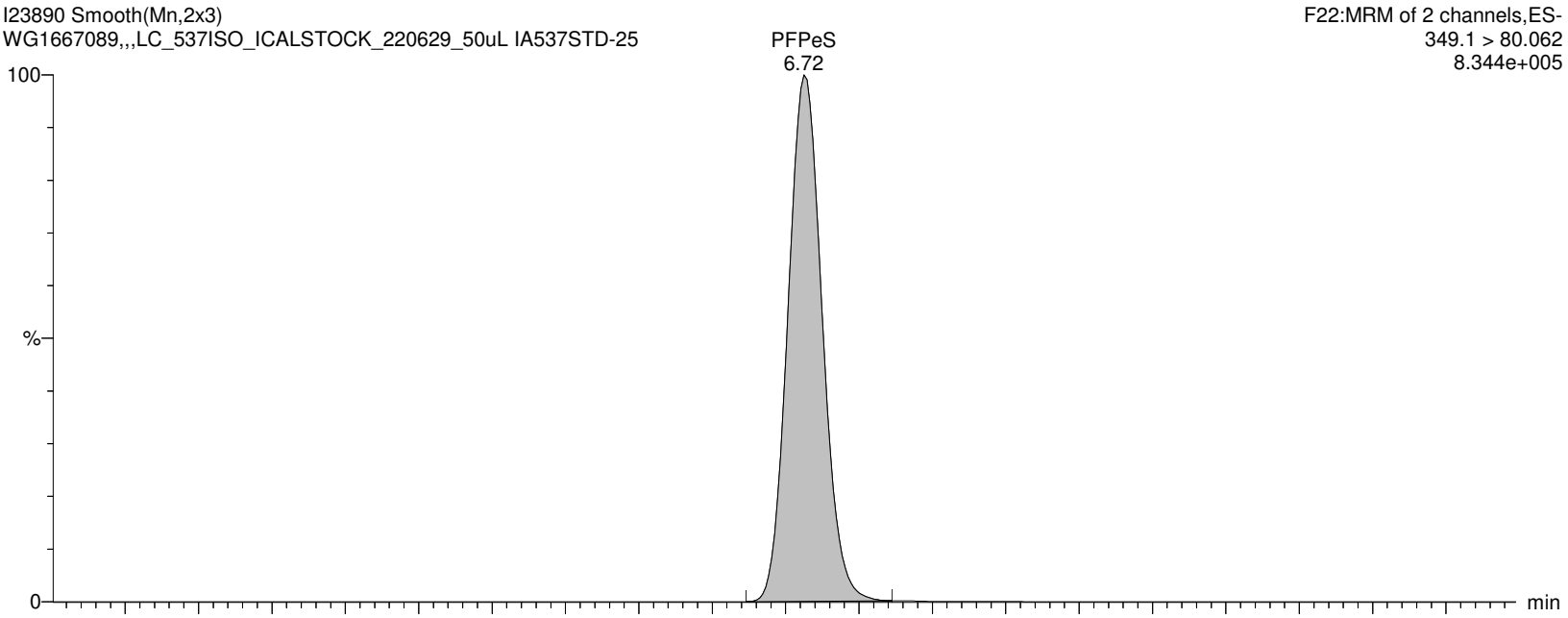


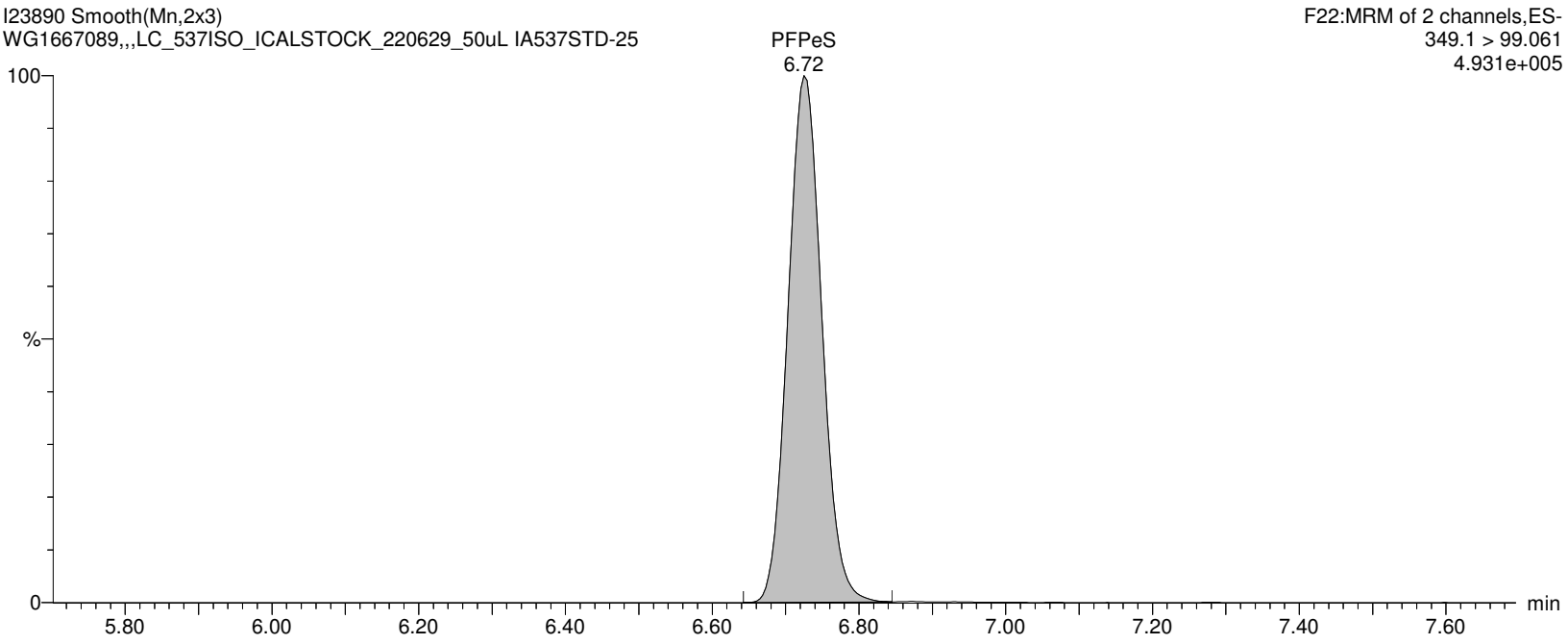
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFPeS



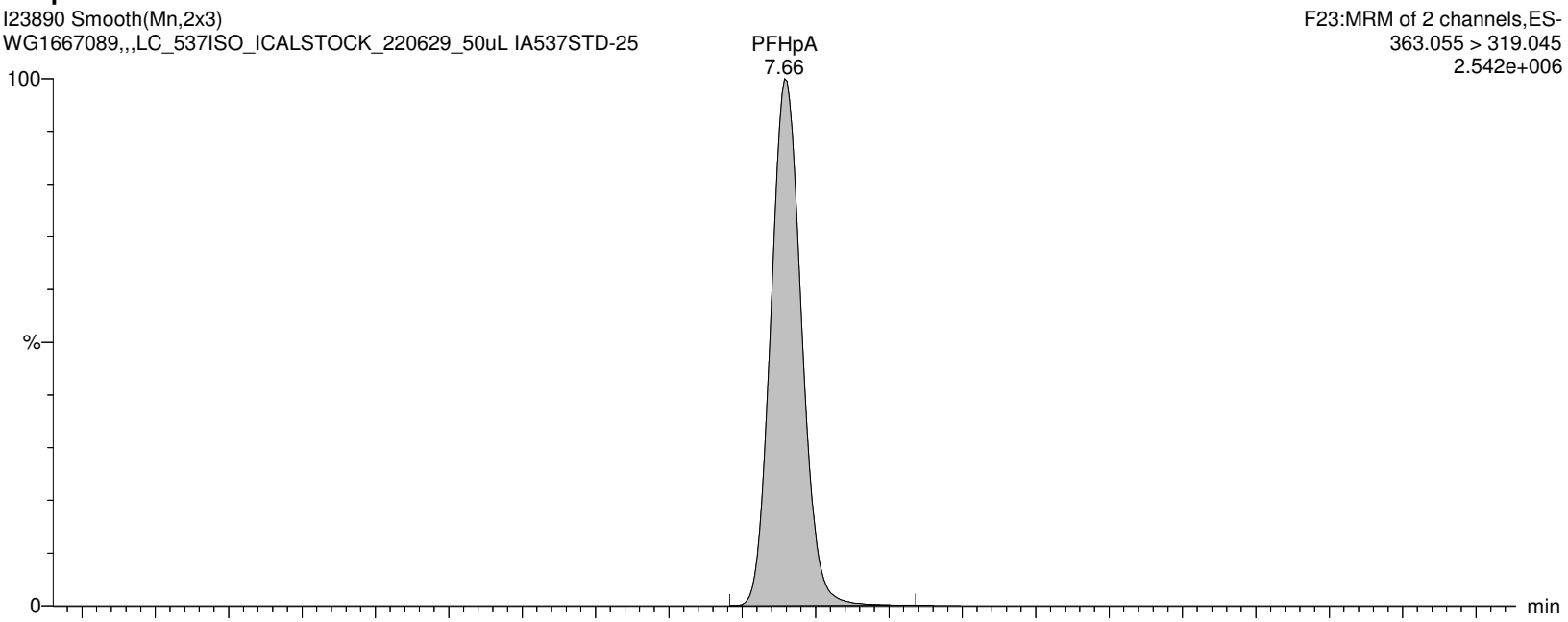


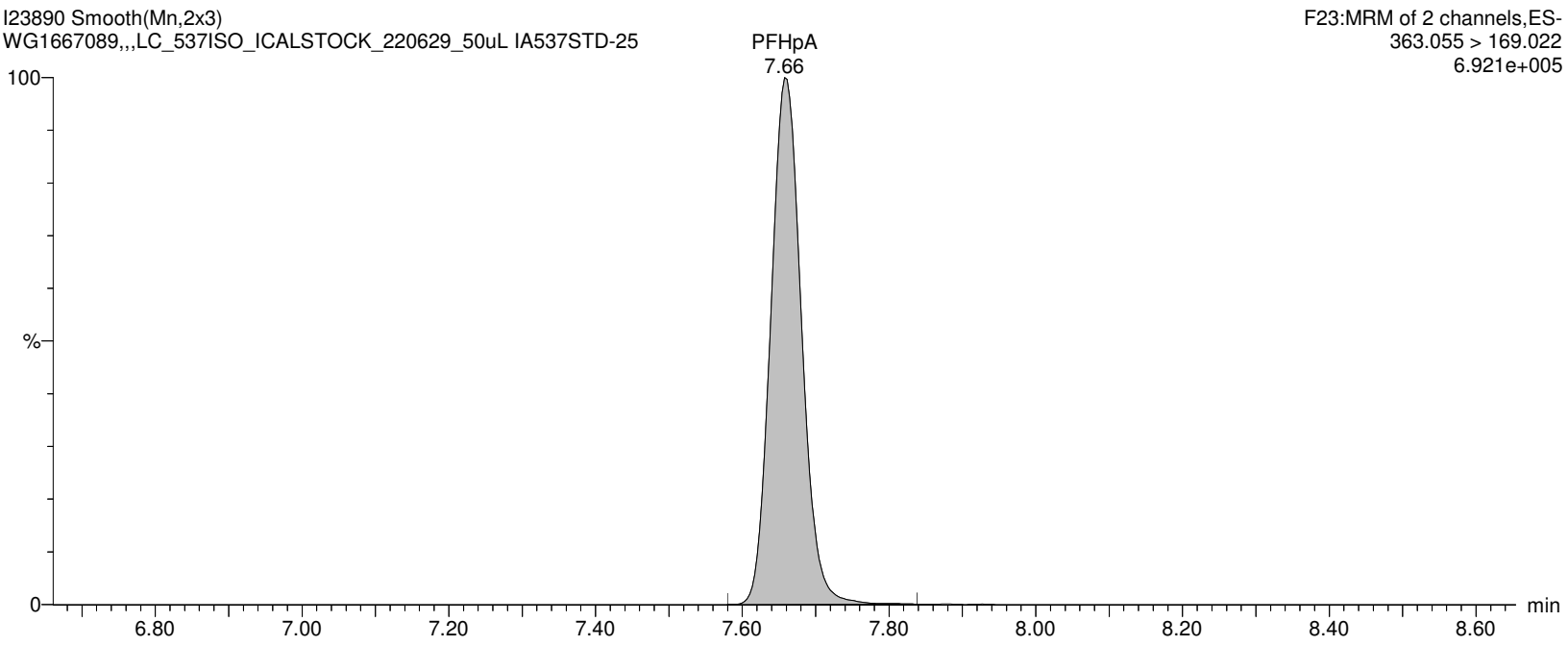
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFHpA



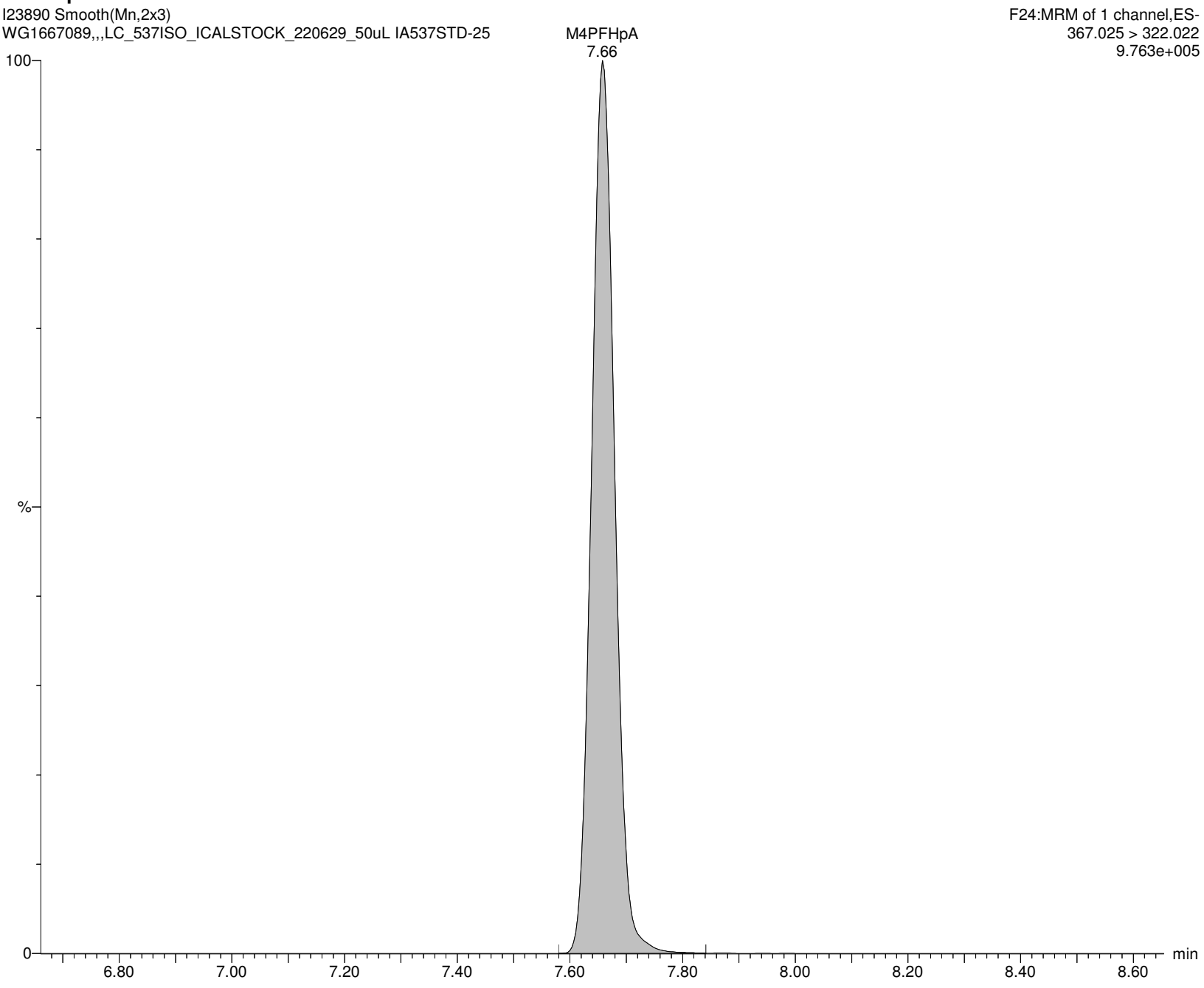


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M4PFHpA

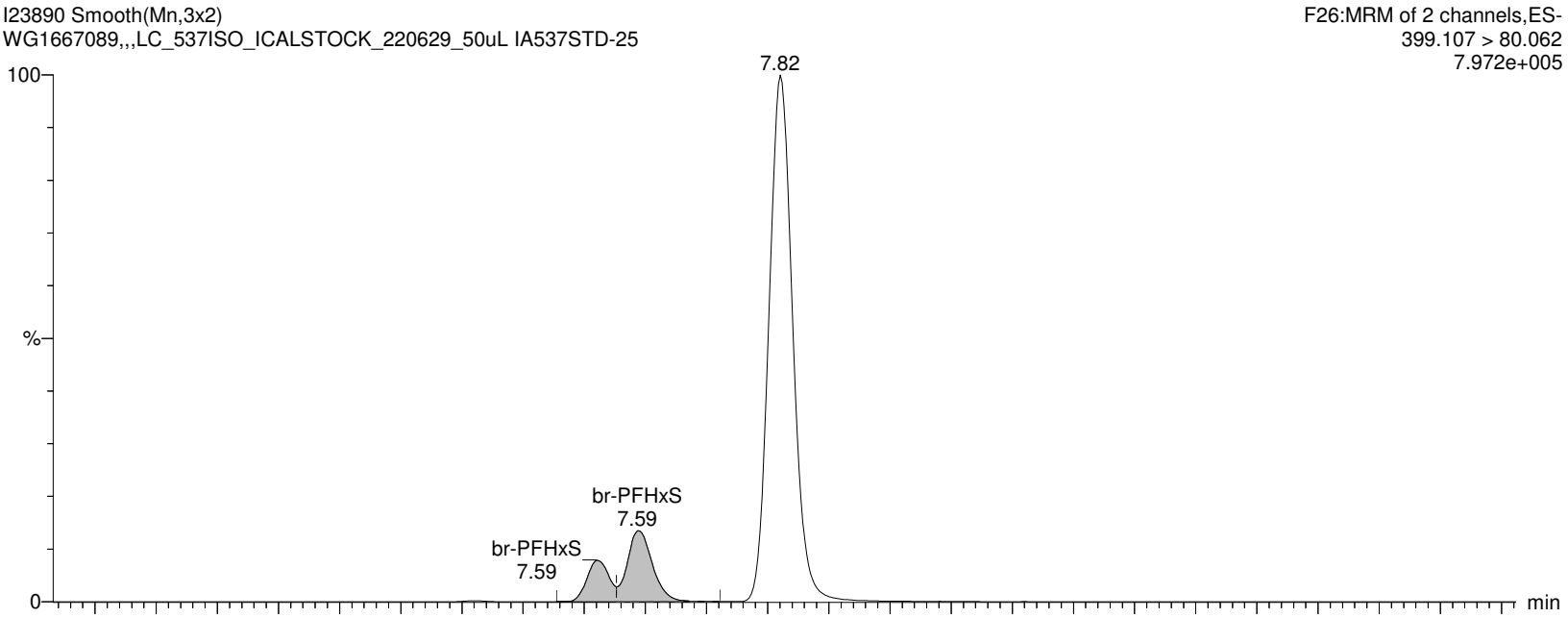


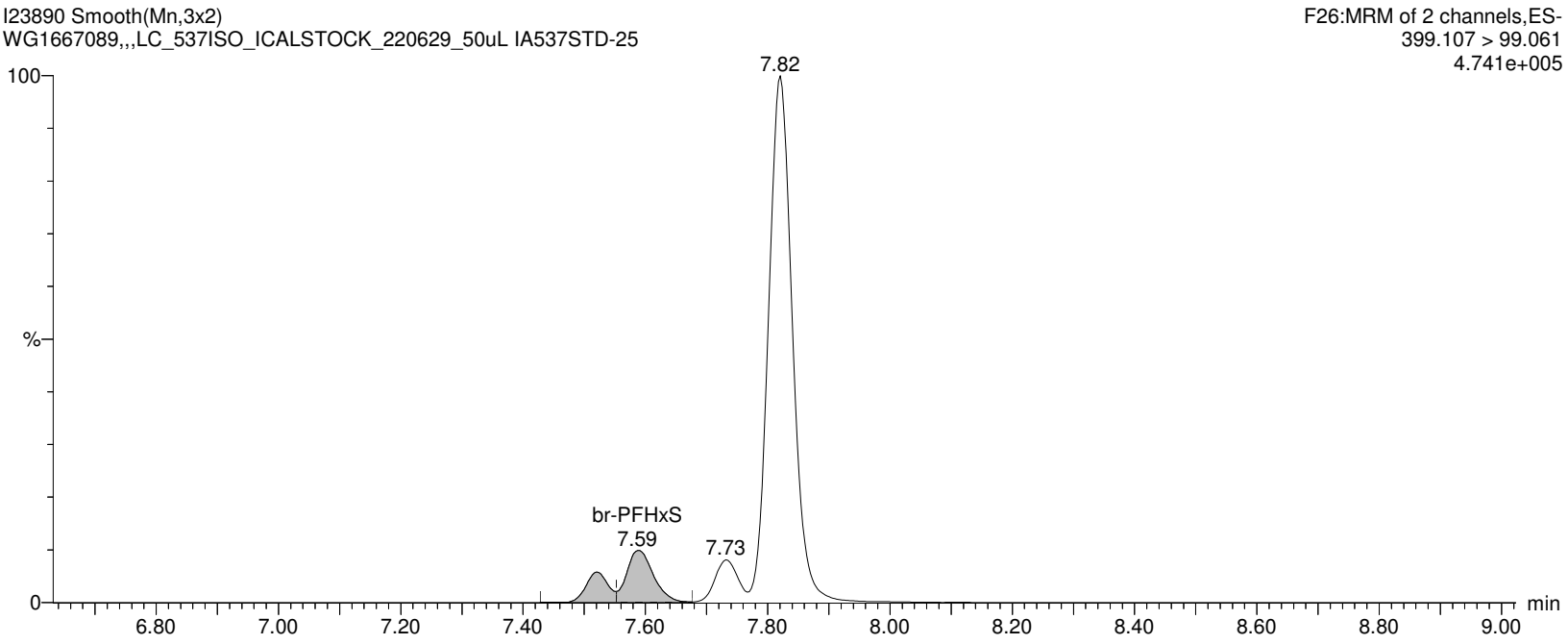
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

br-PFHxS



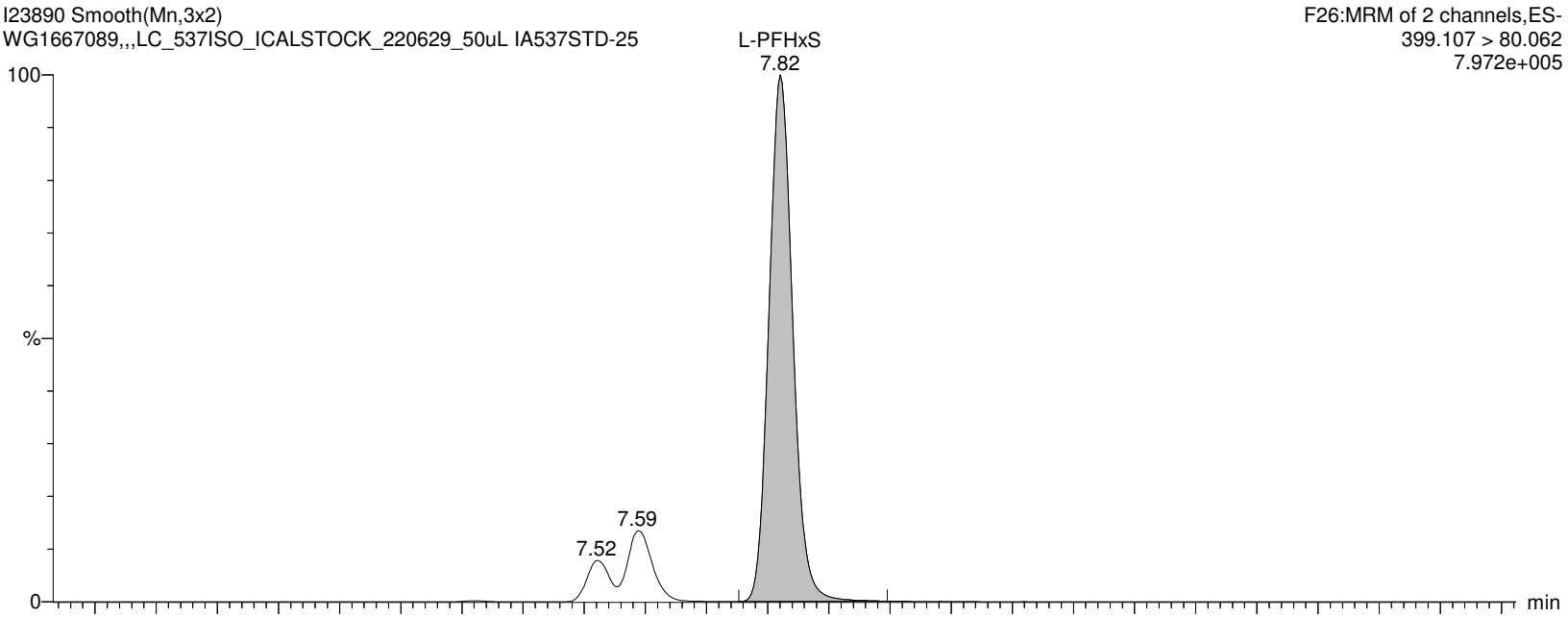


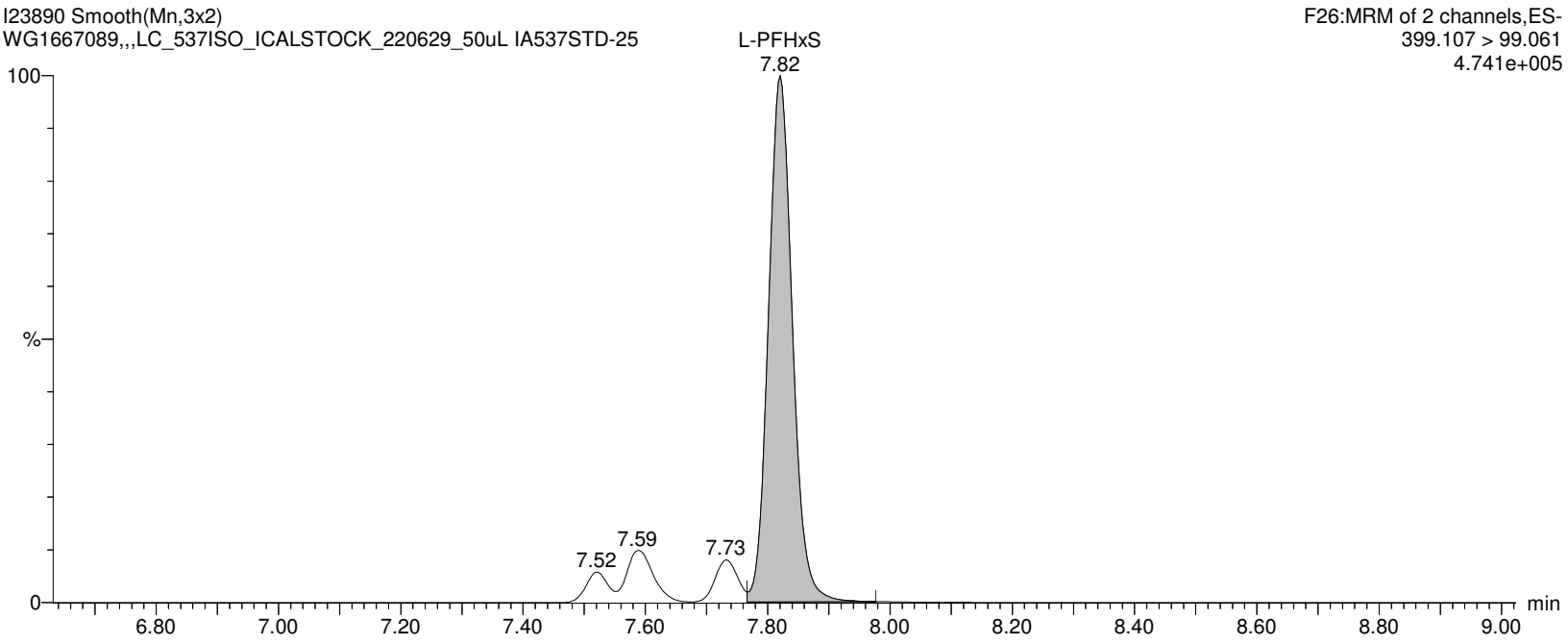
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

L-PFHxS



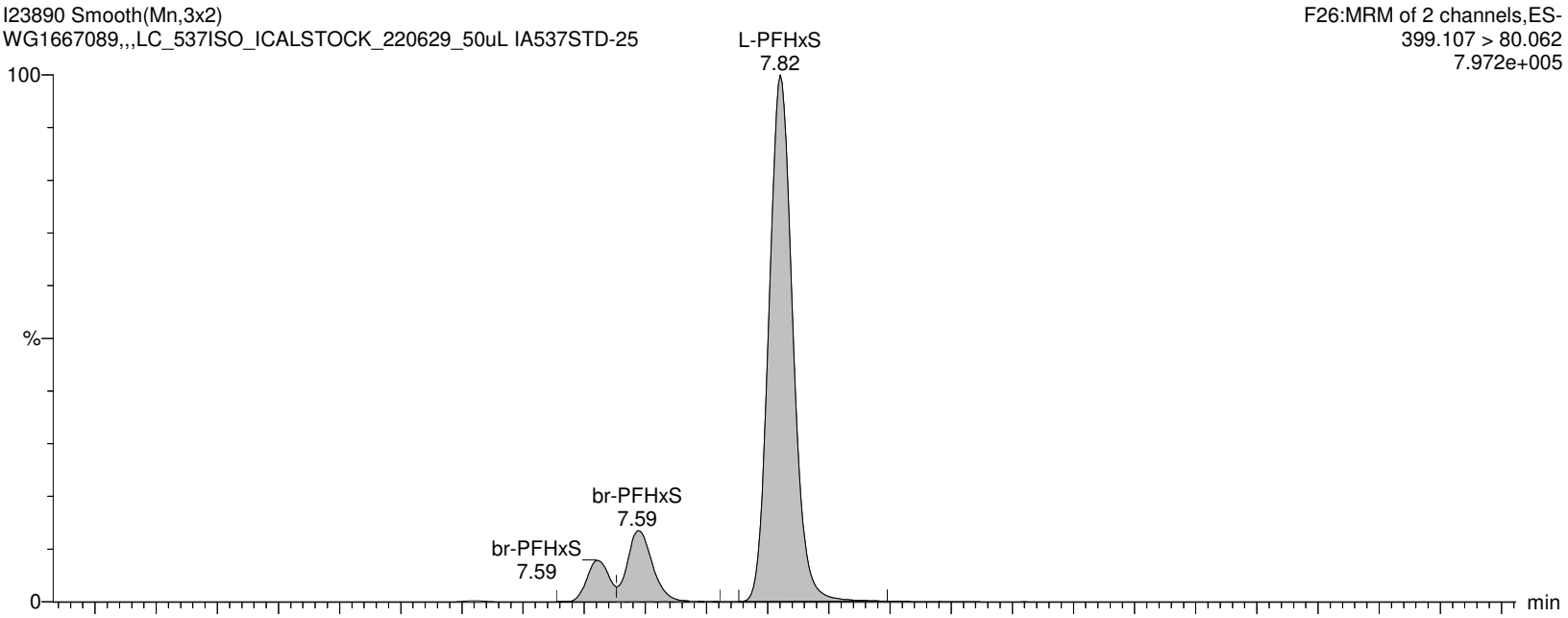


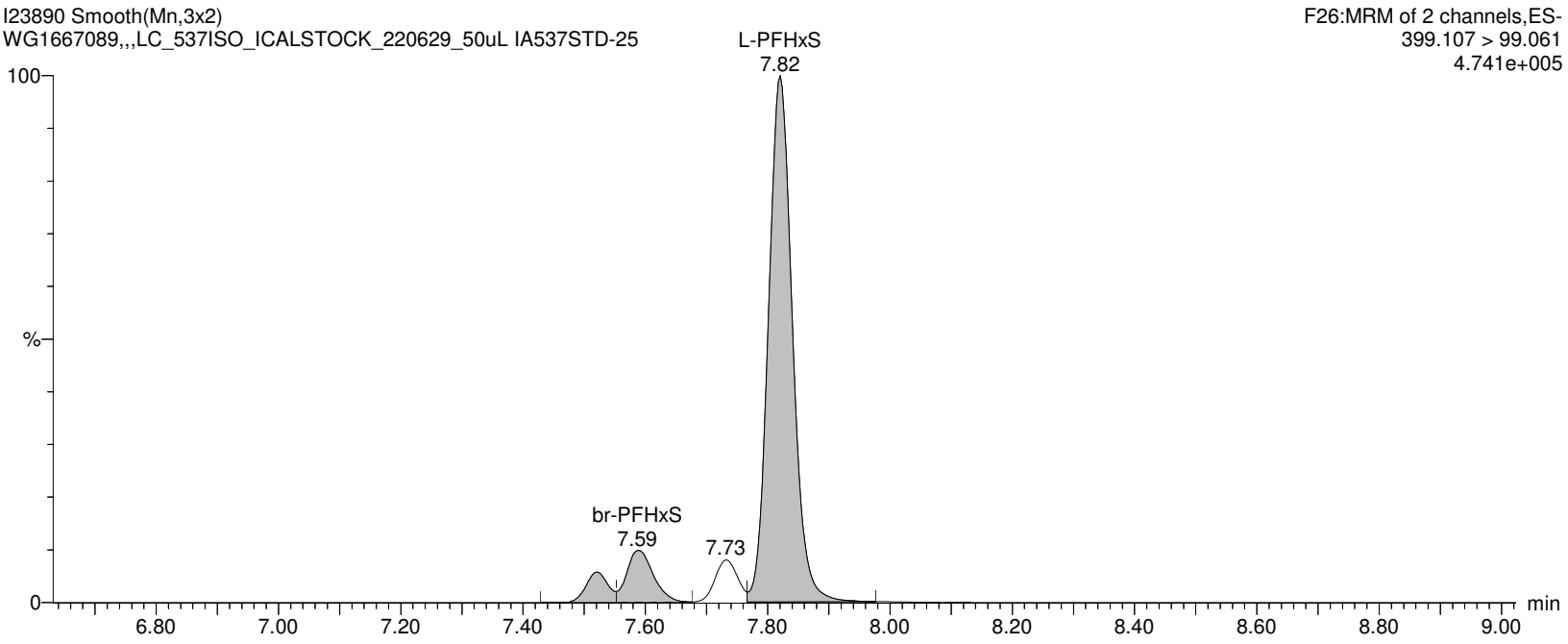
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFHxS



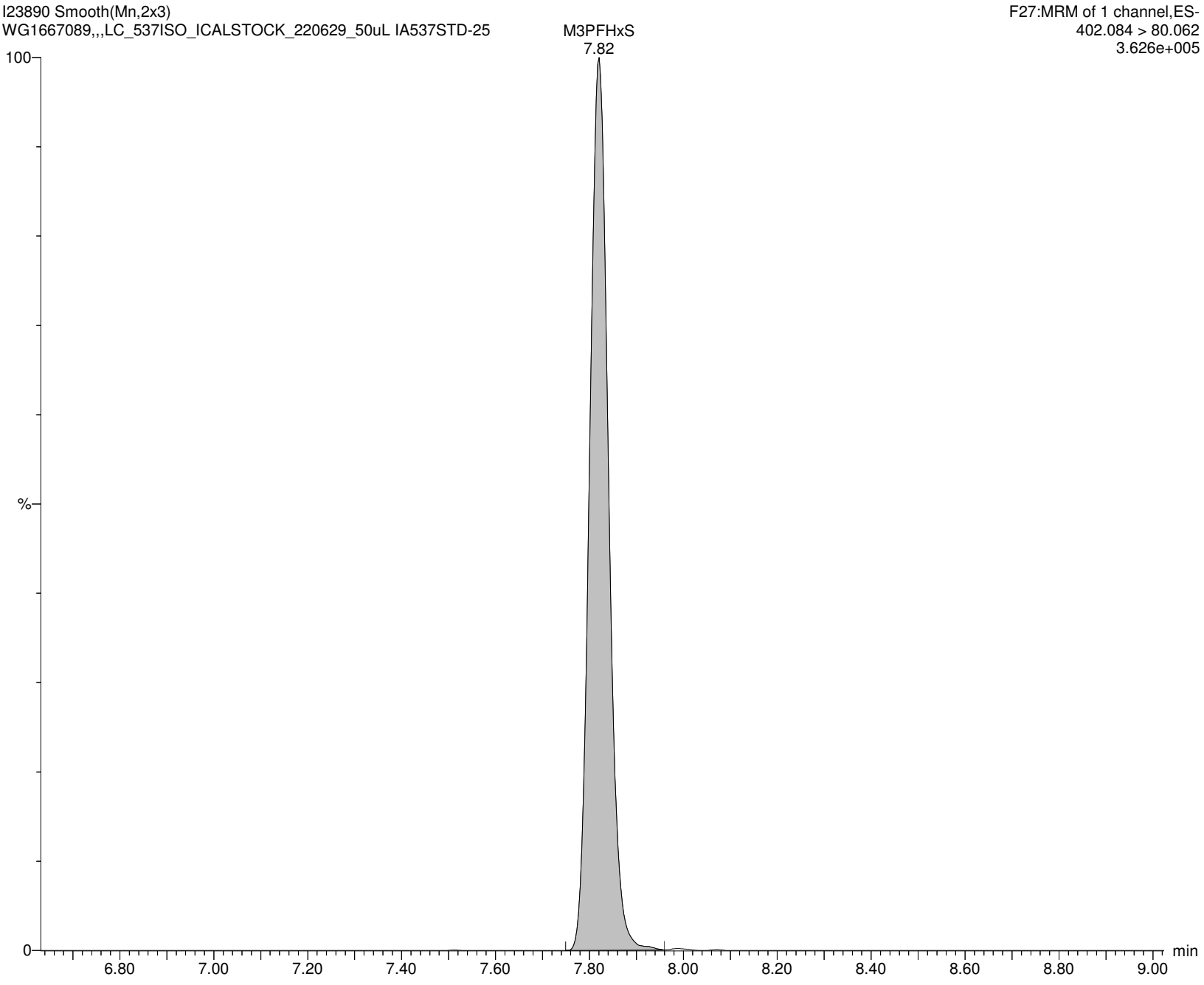


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M3PFHxS

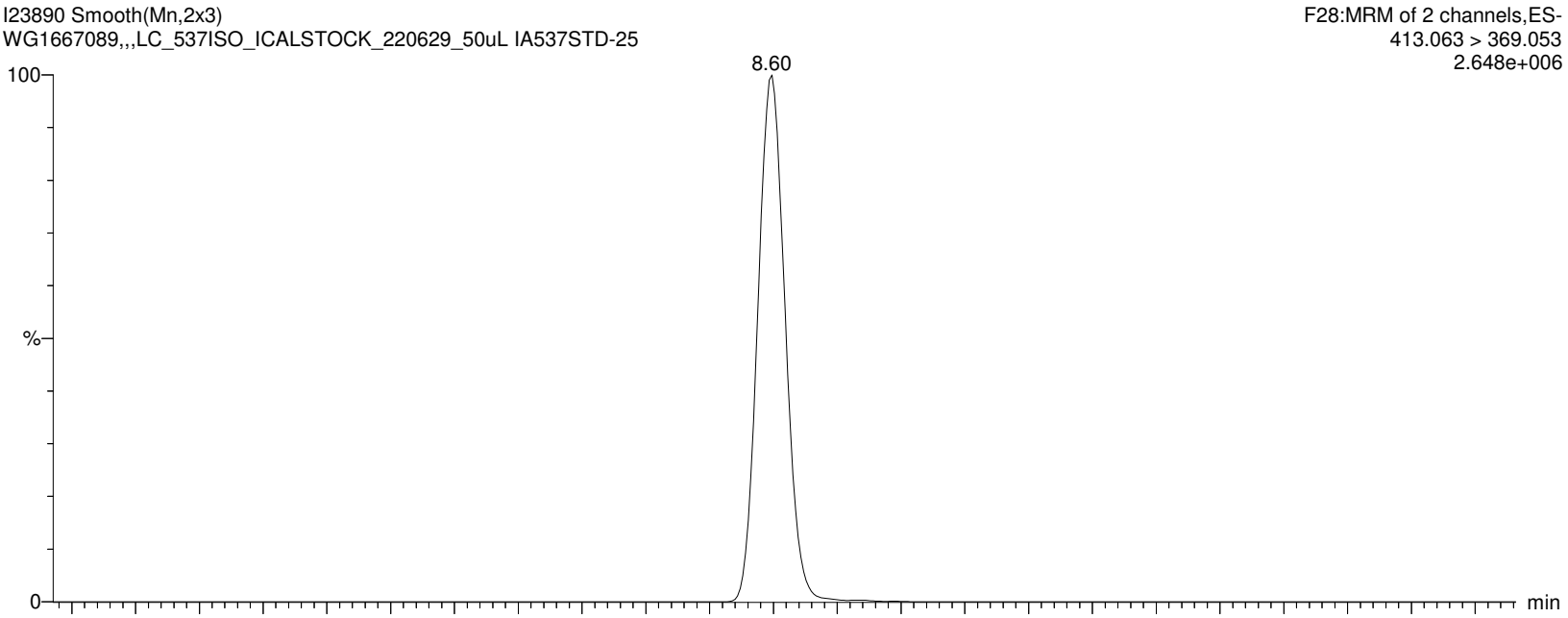


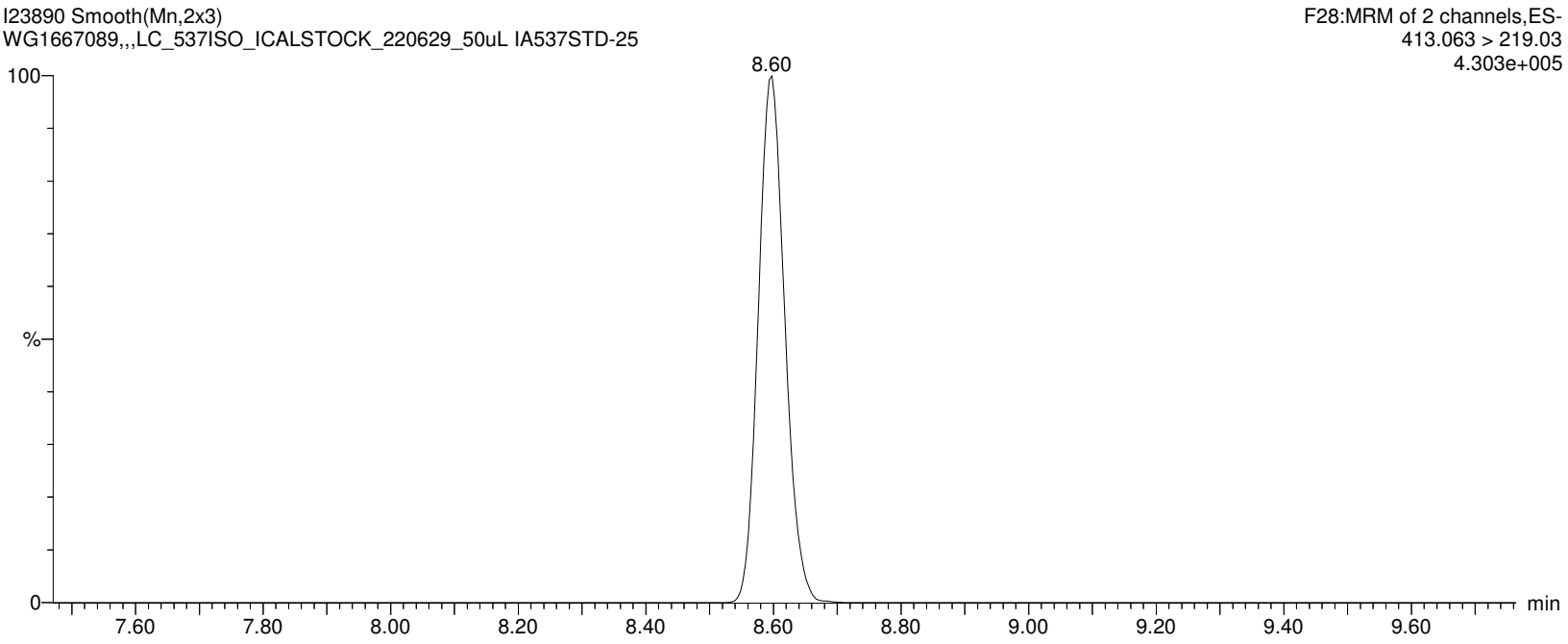
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

br-PFOA



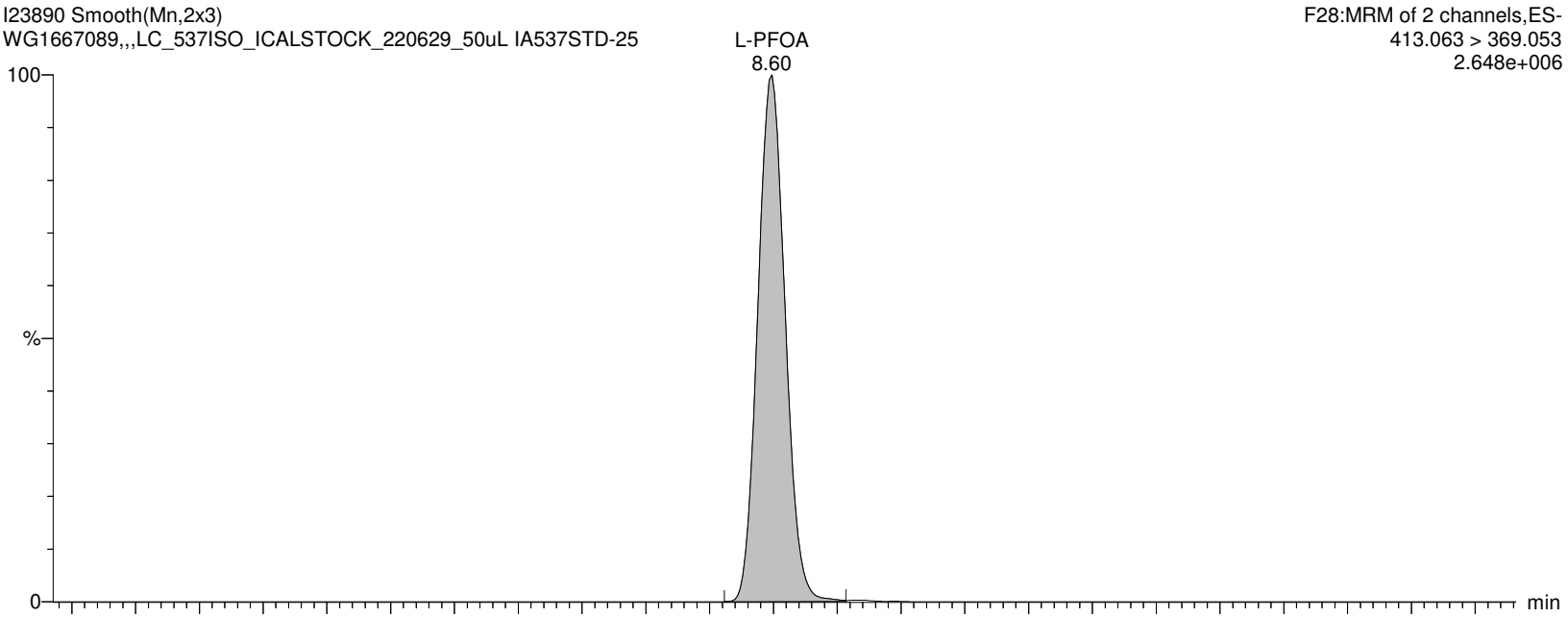


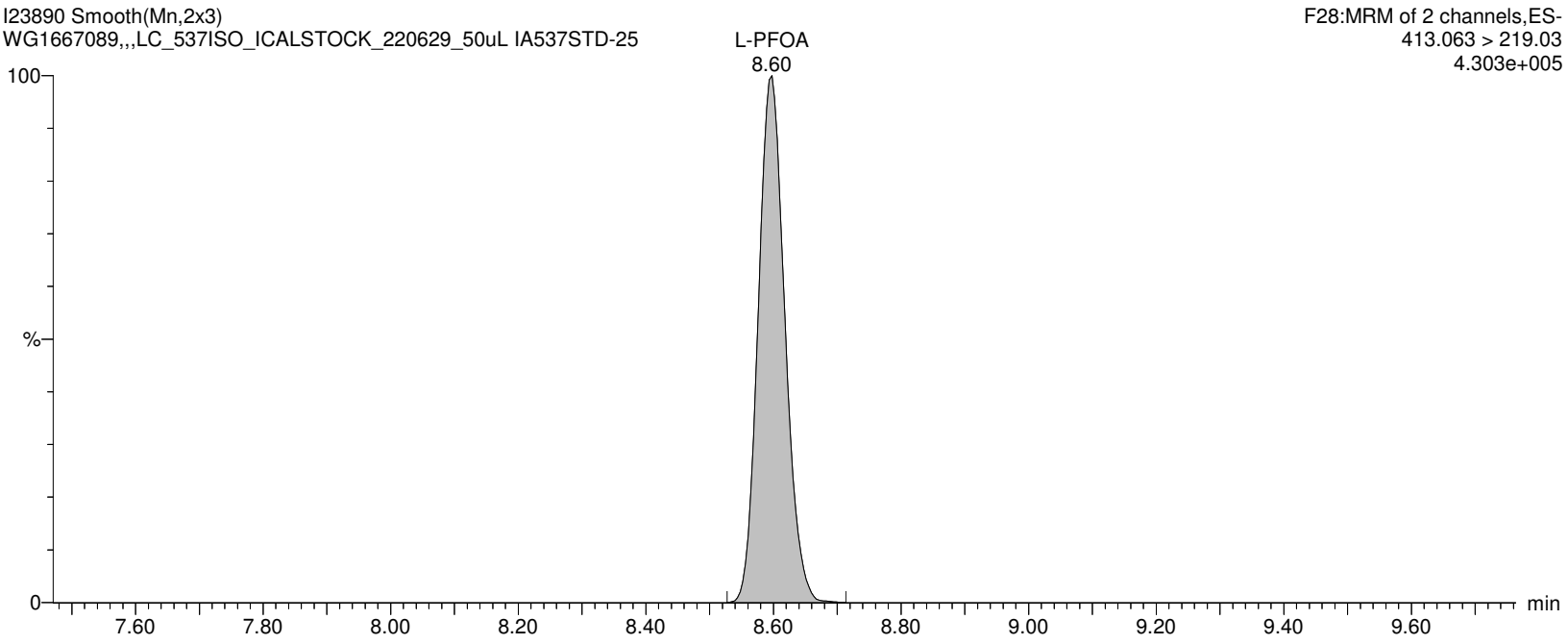
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

L-PFOA



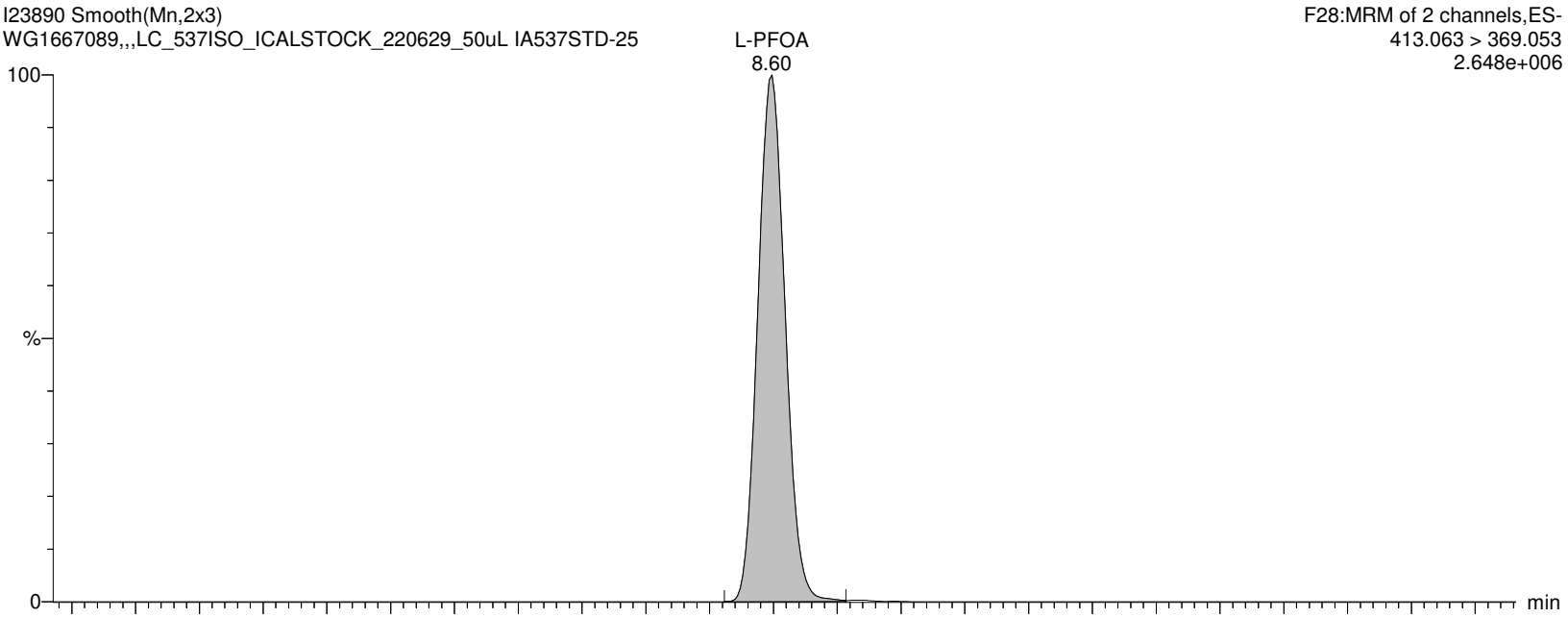


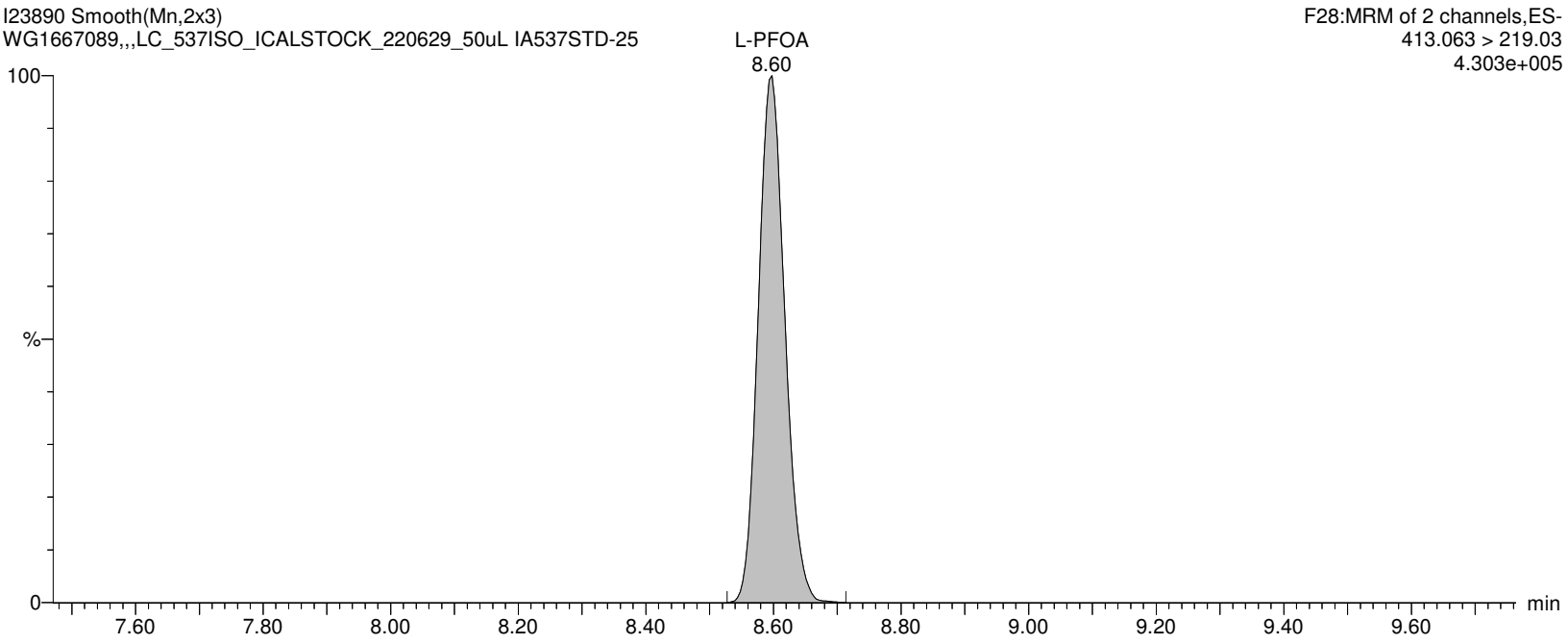
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFOA



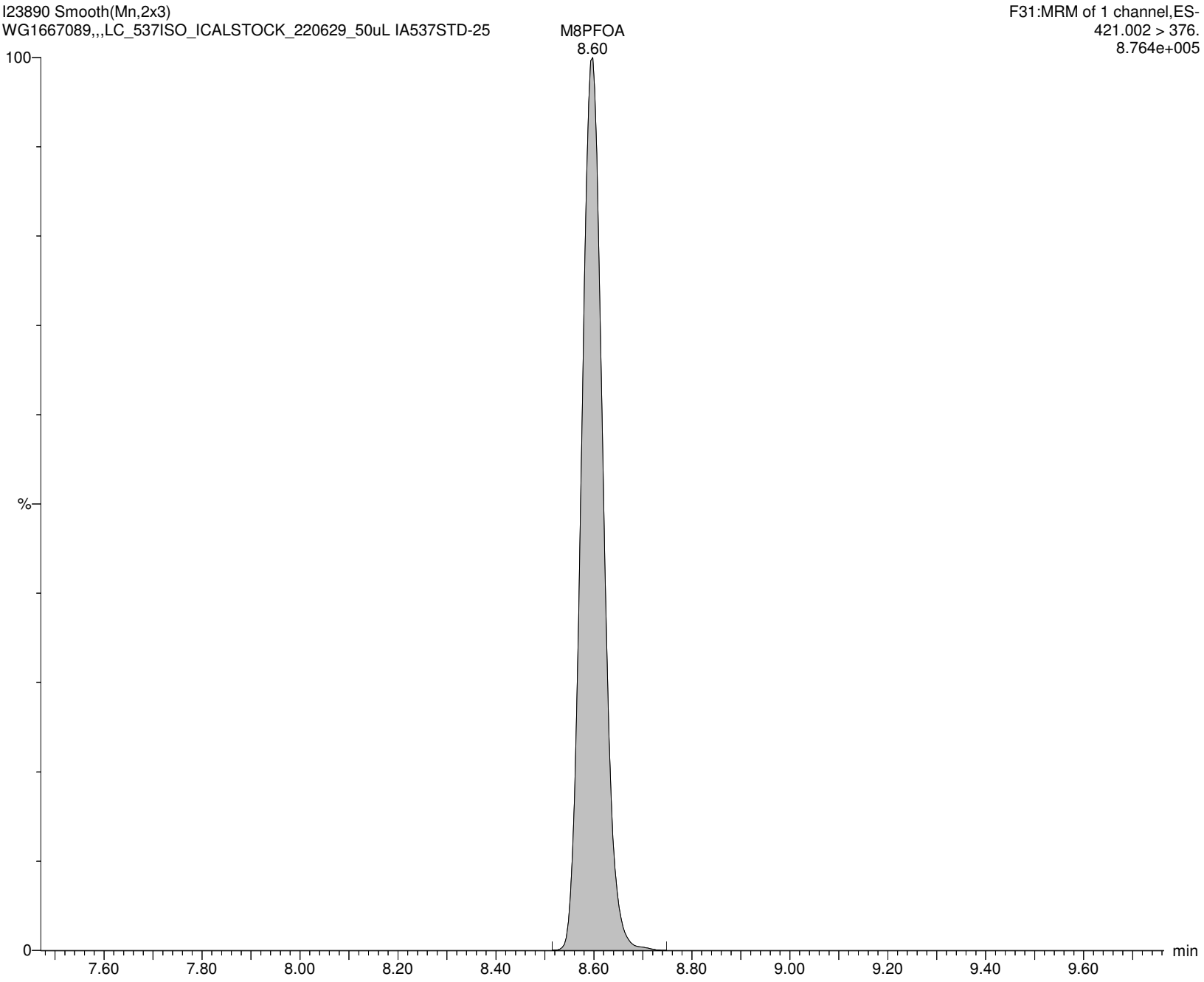


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M8PFOA

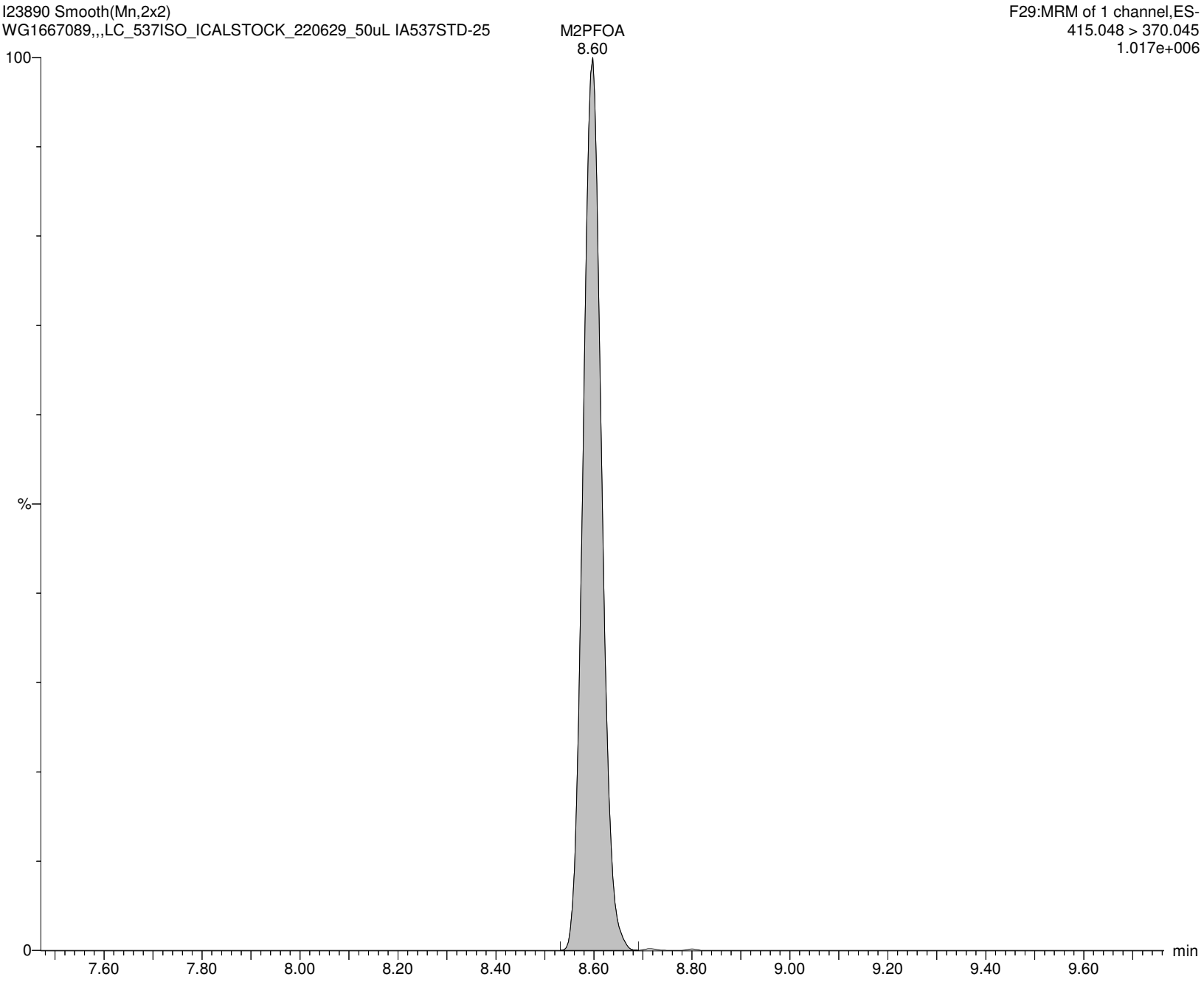


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2PFOA

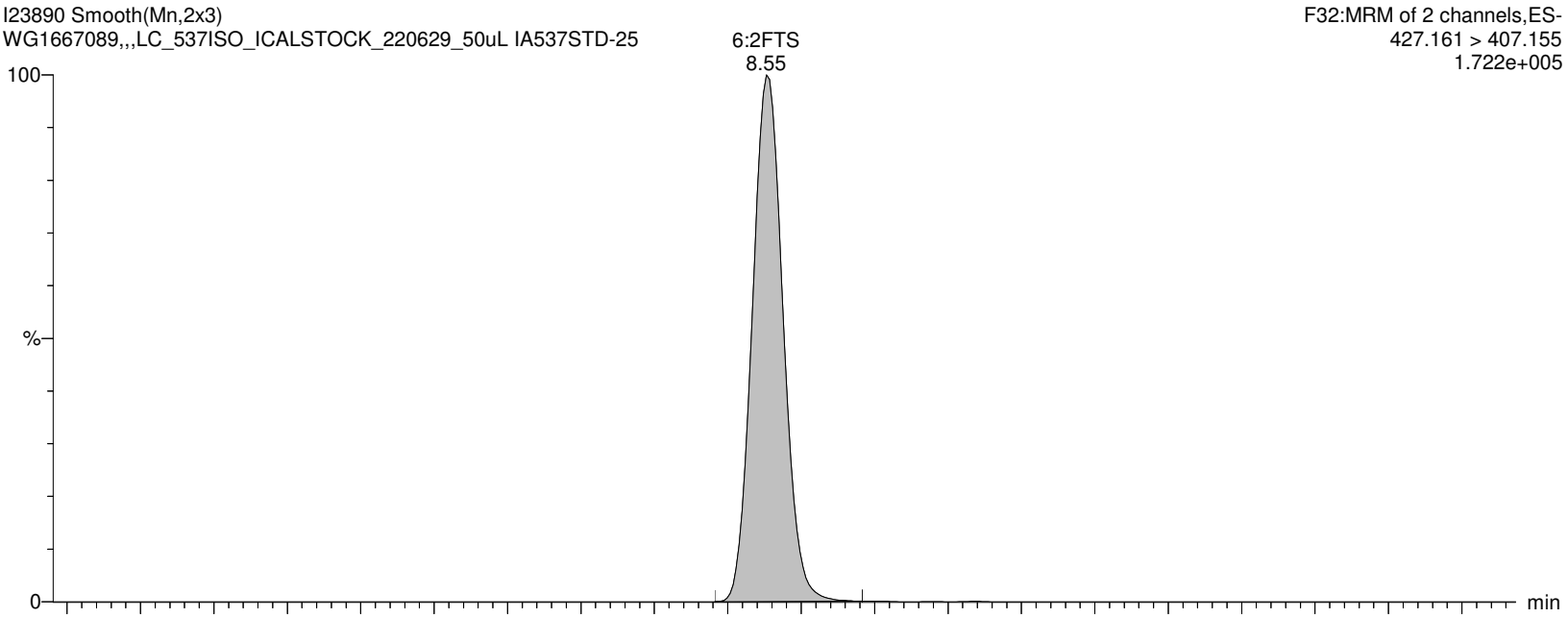


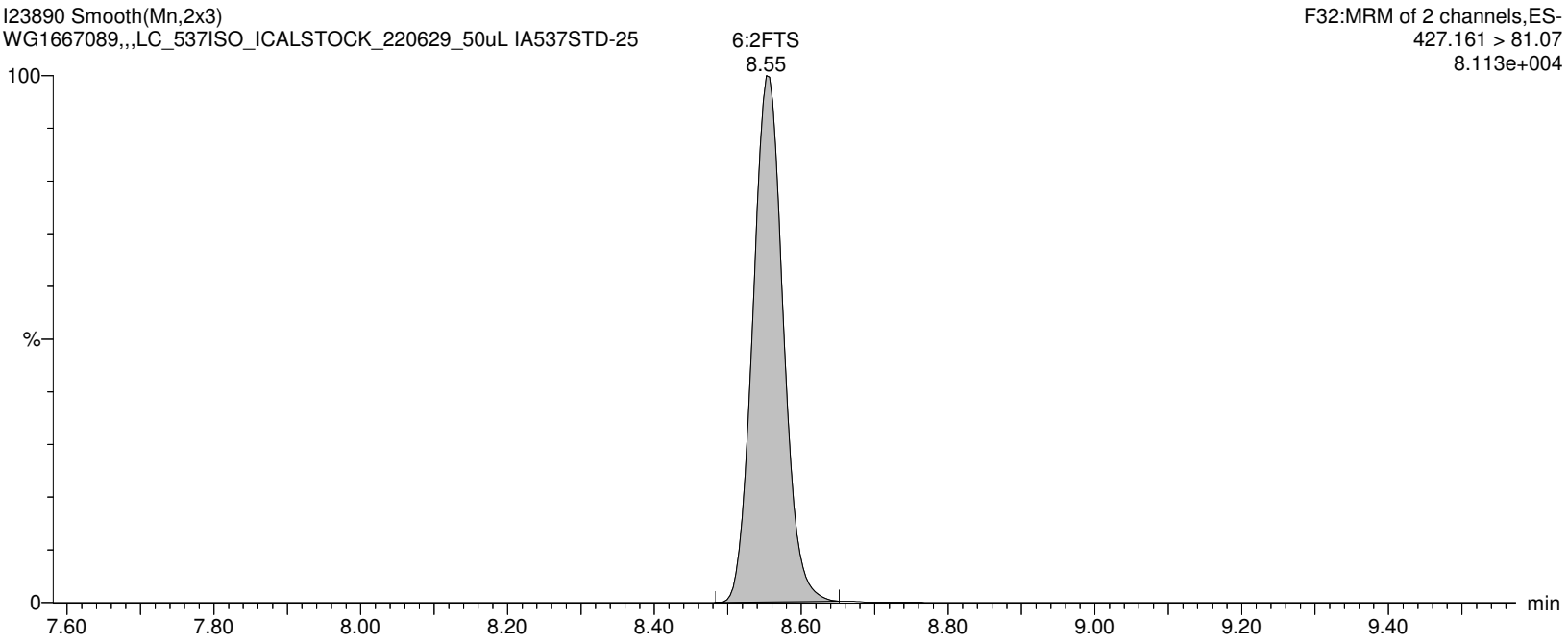
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

6:2FTS



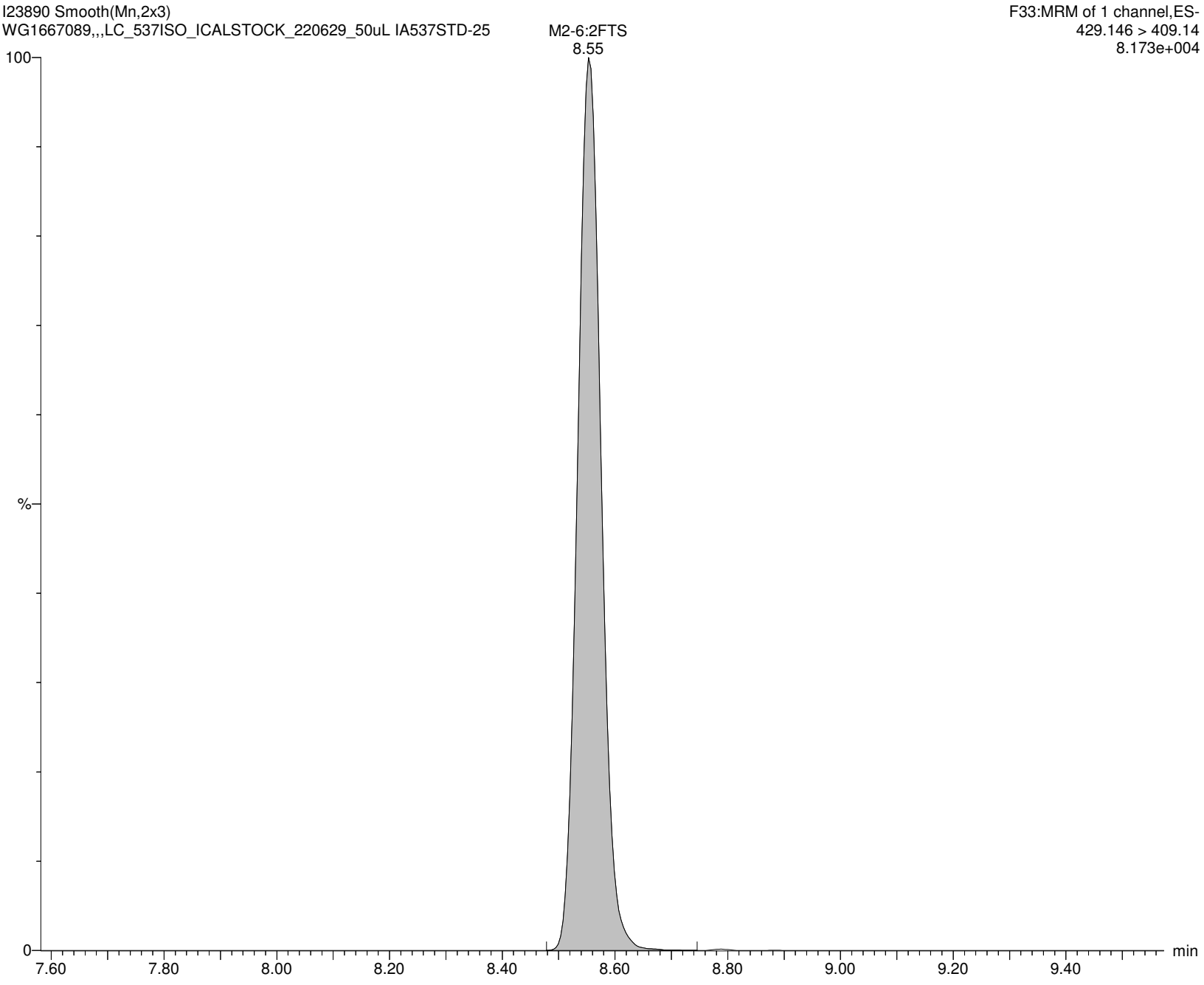


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2-6:2FTS

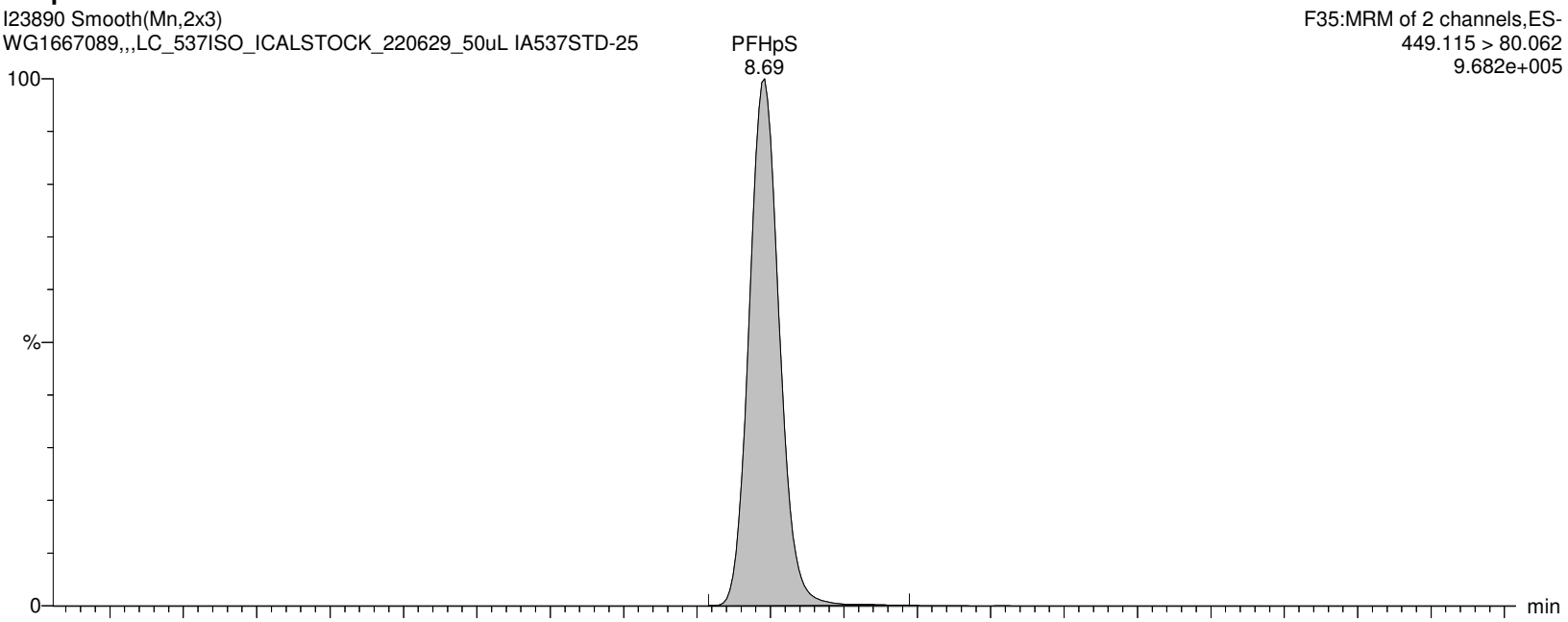


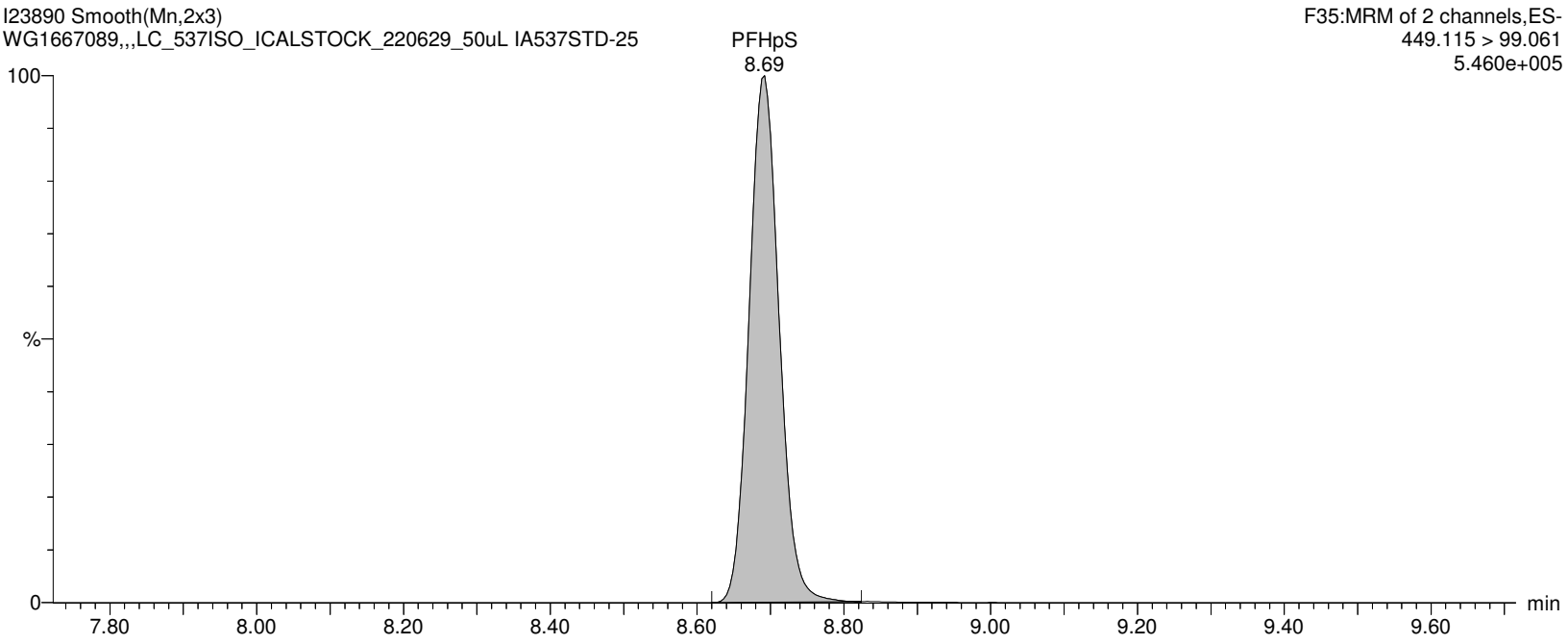
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFHpS



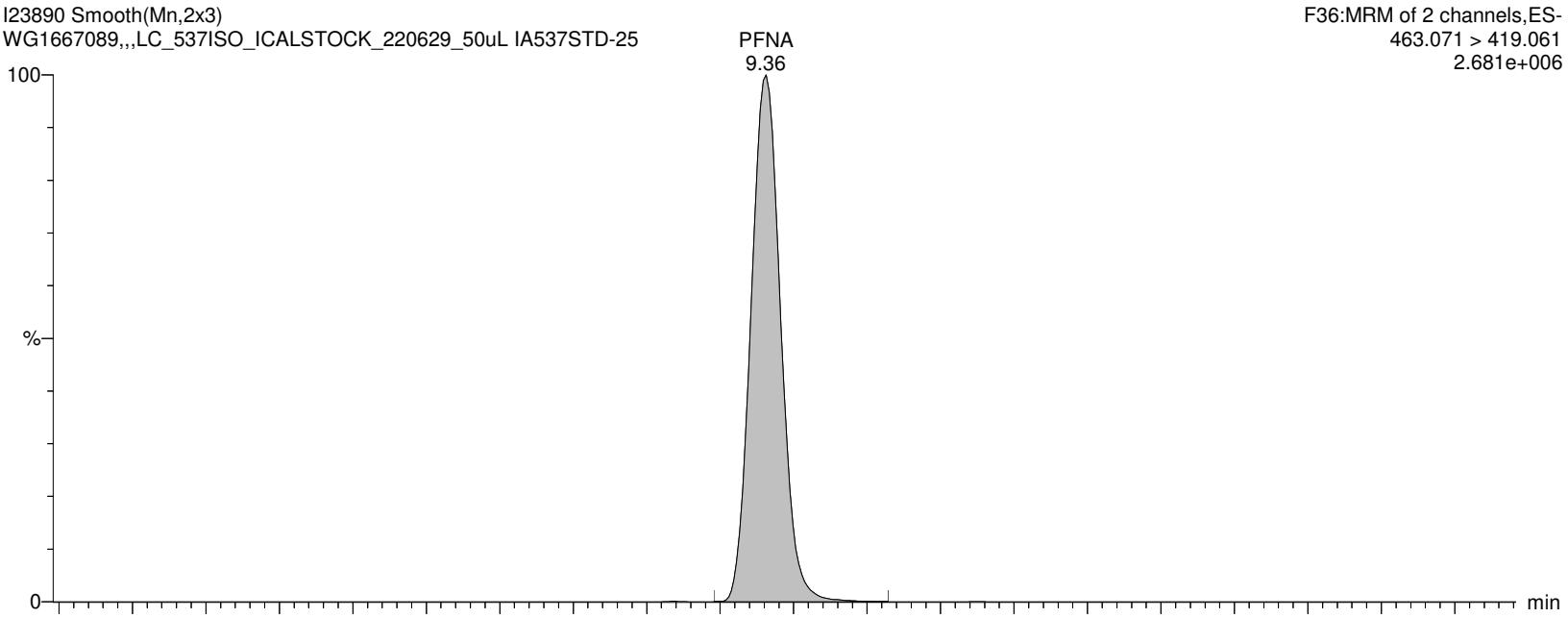


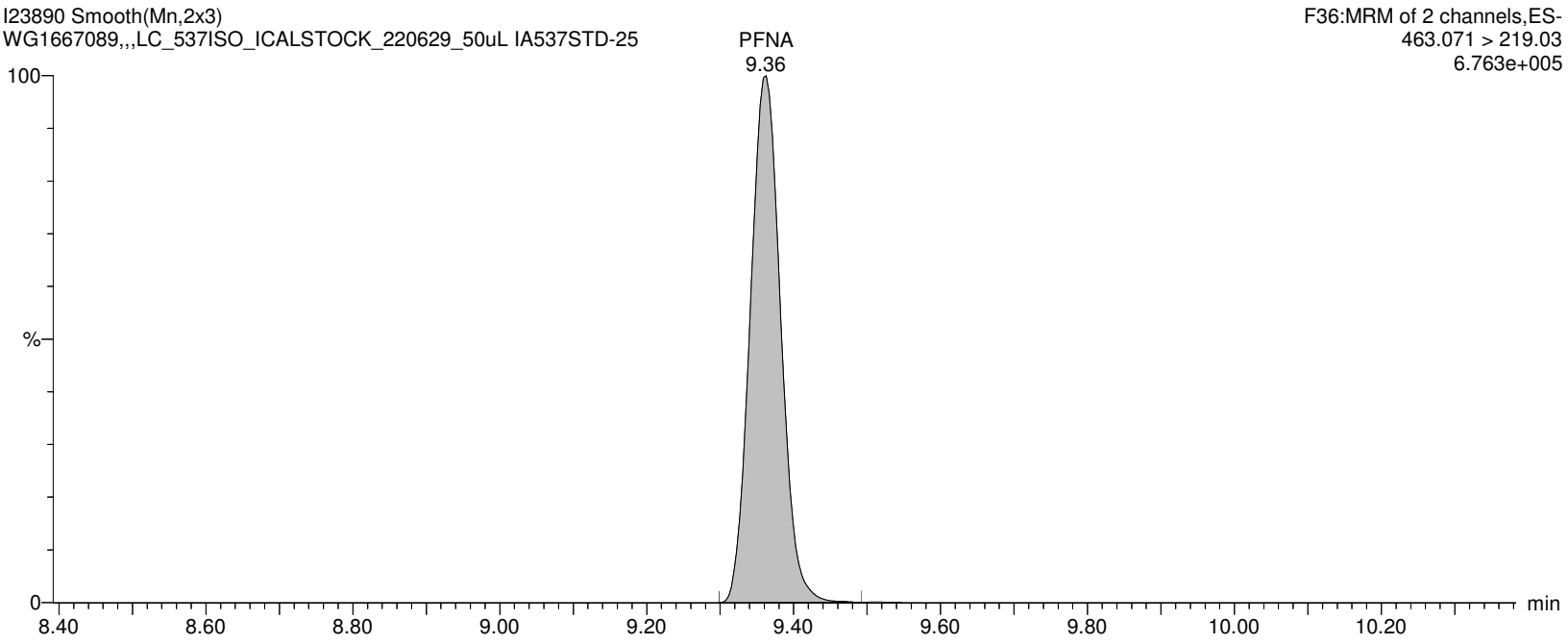
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFNA



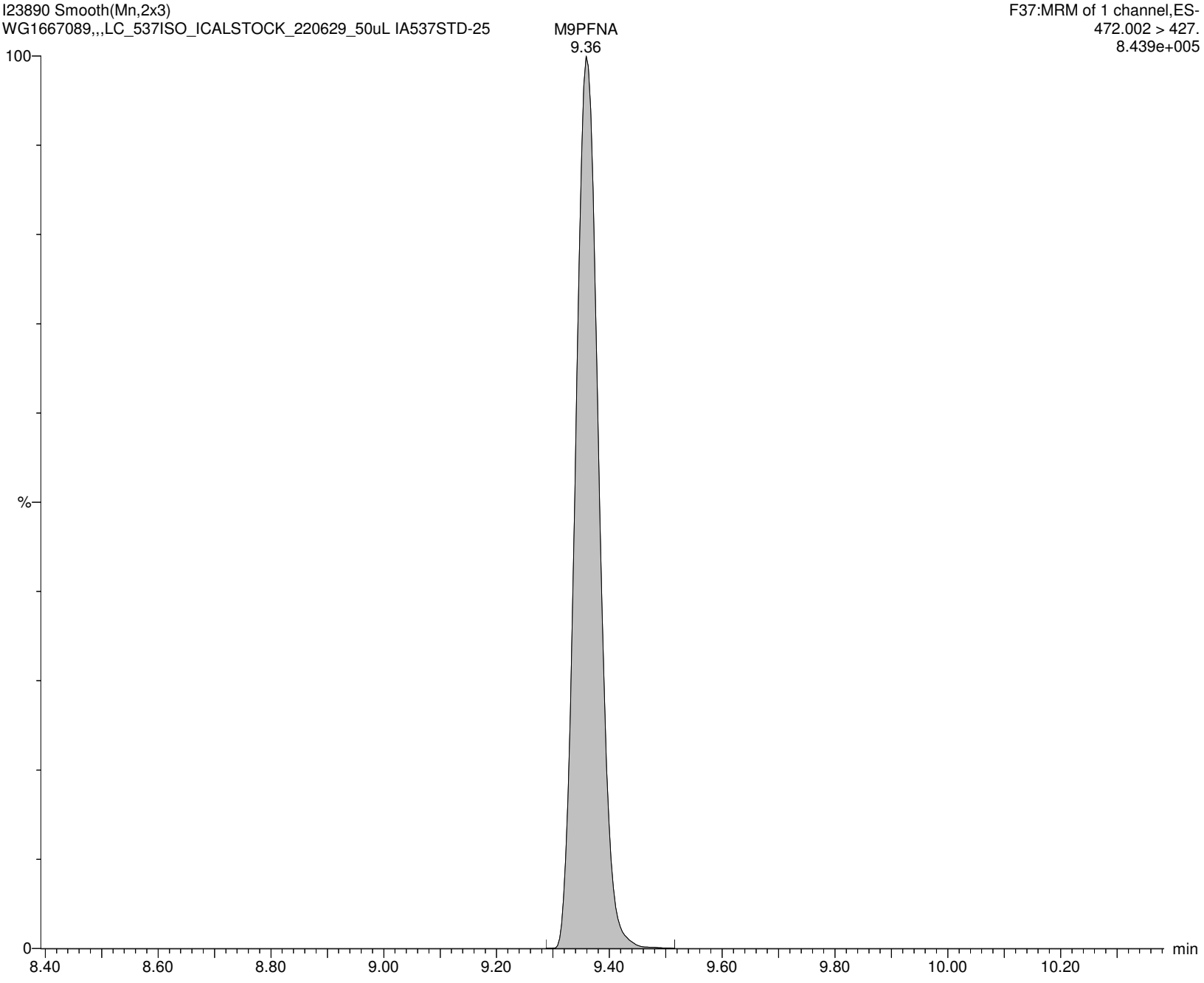


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M9PFNA

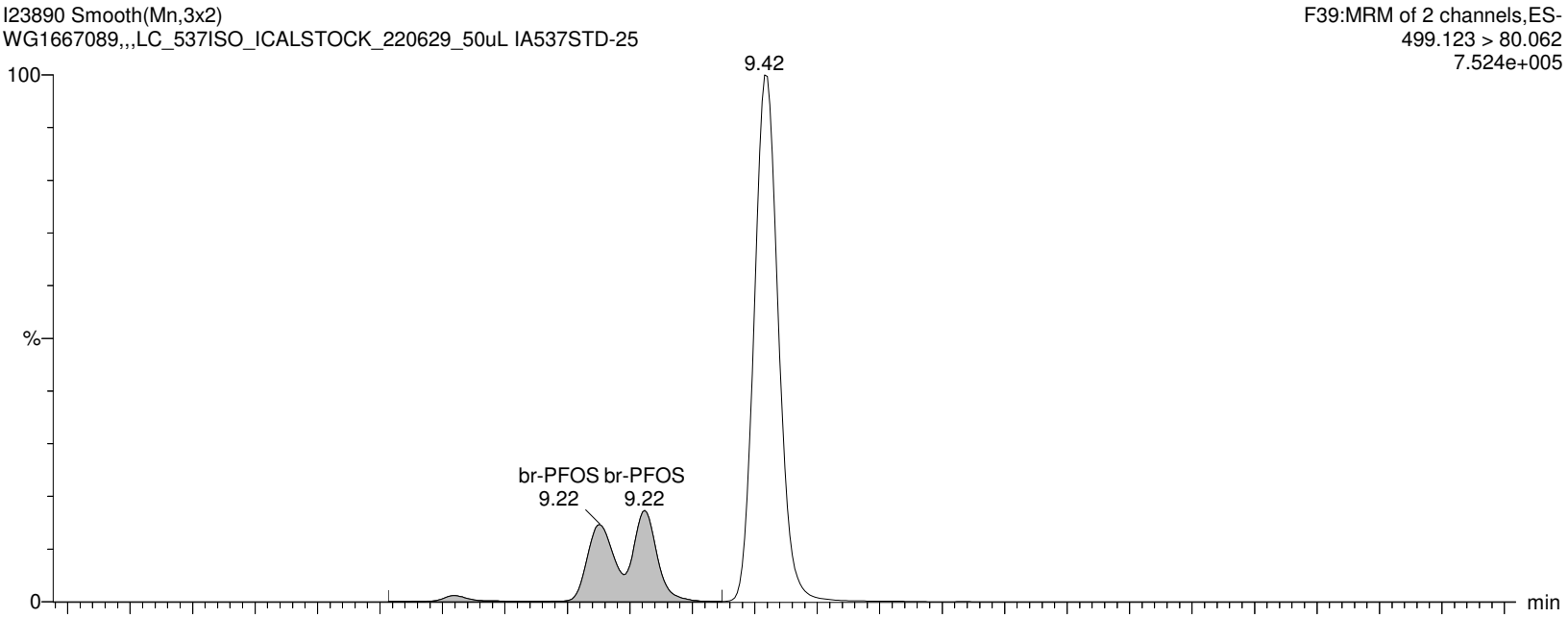


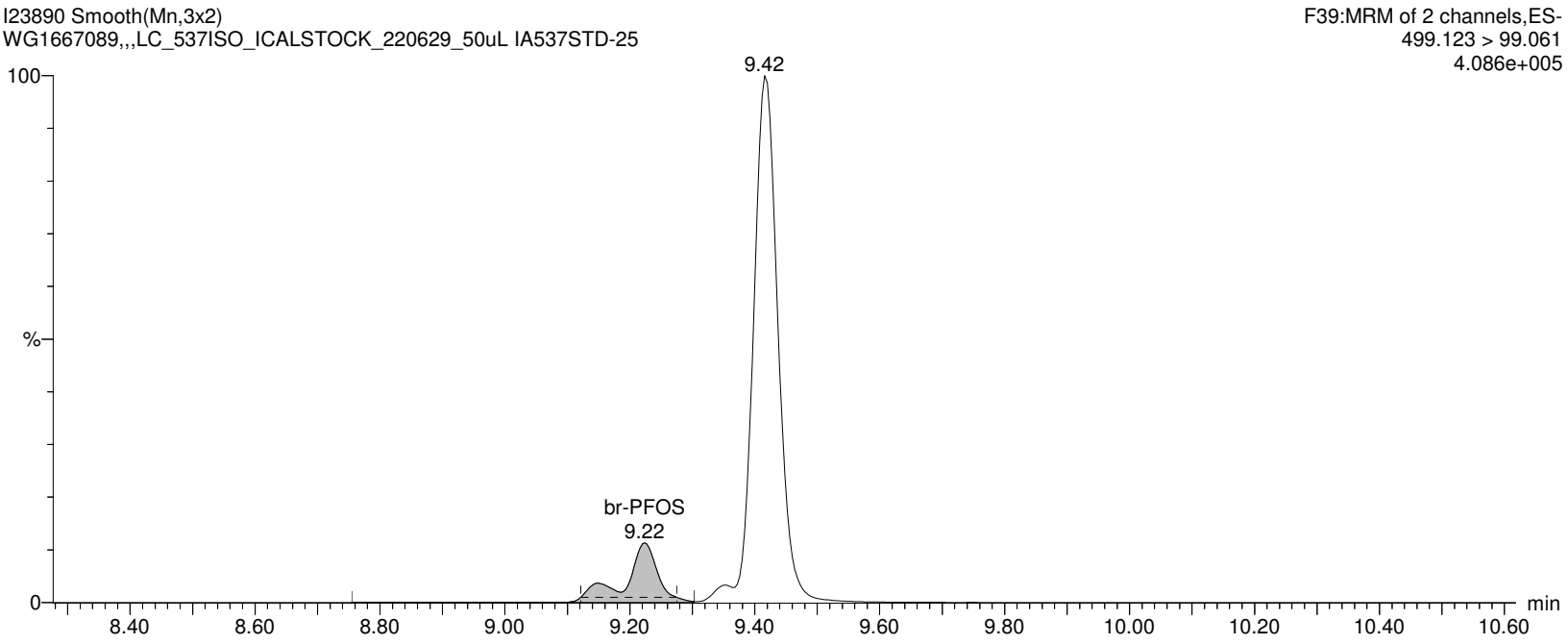
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

br-PFOS



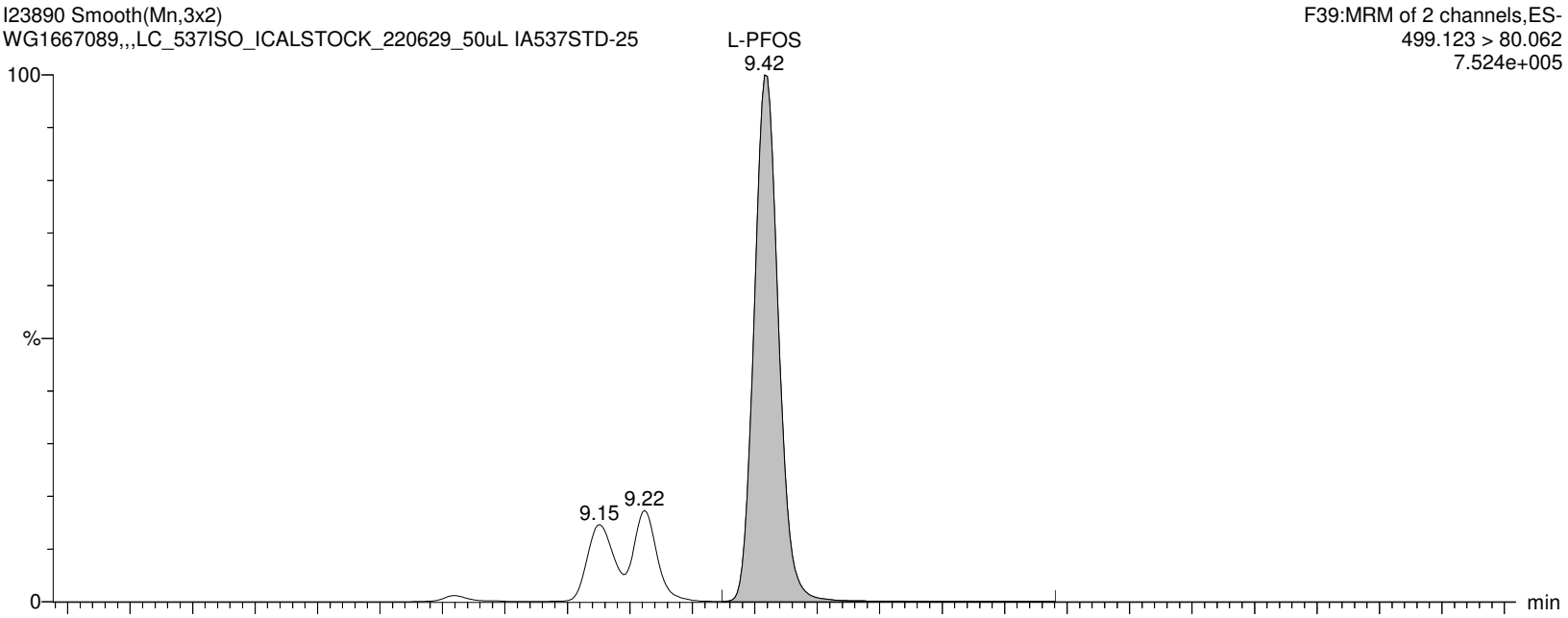


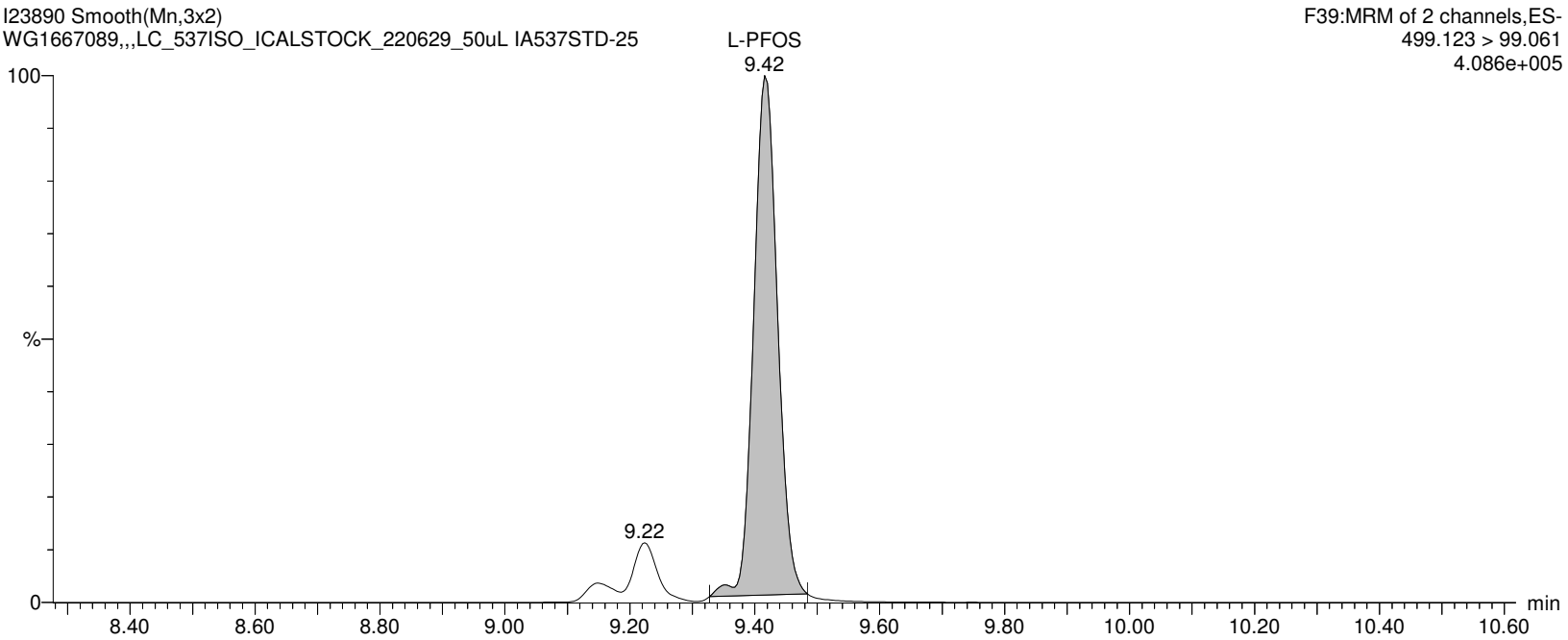
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

L-PFOS



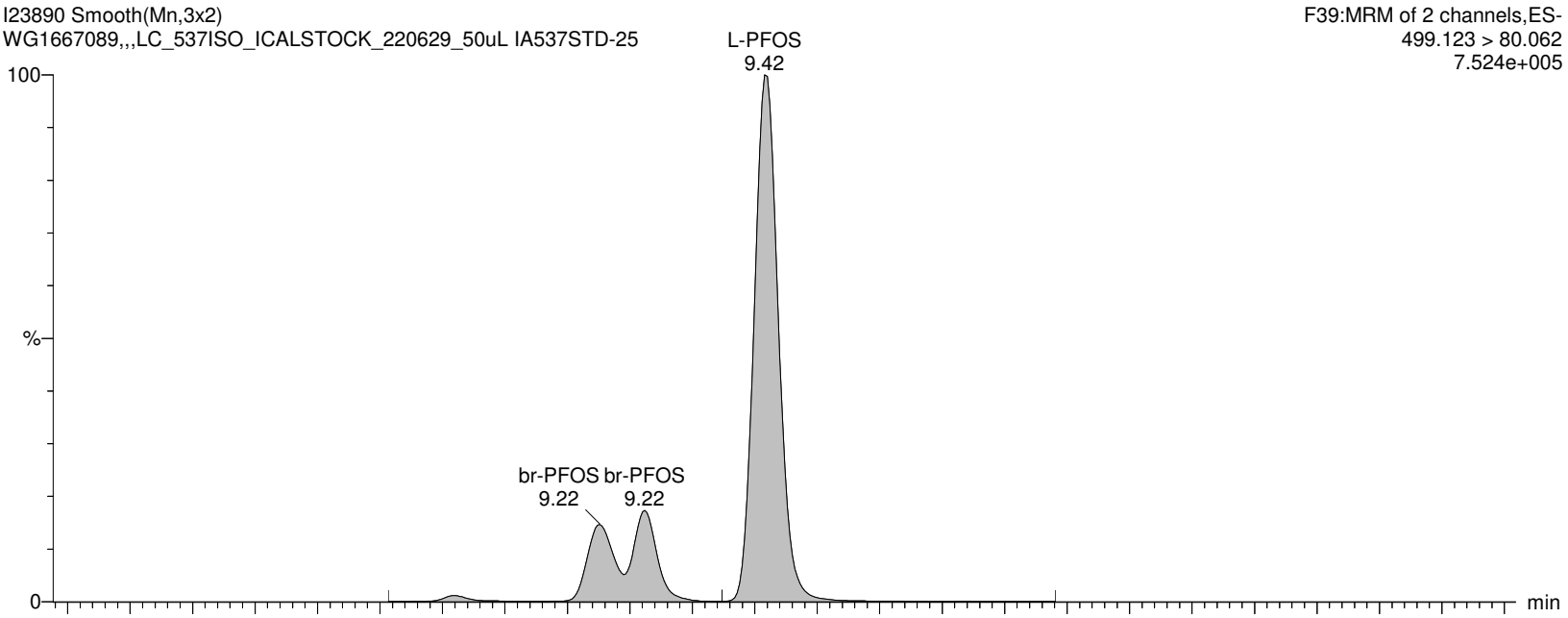


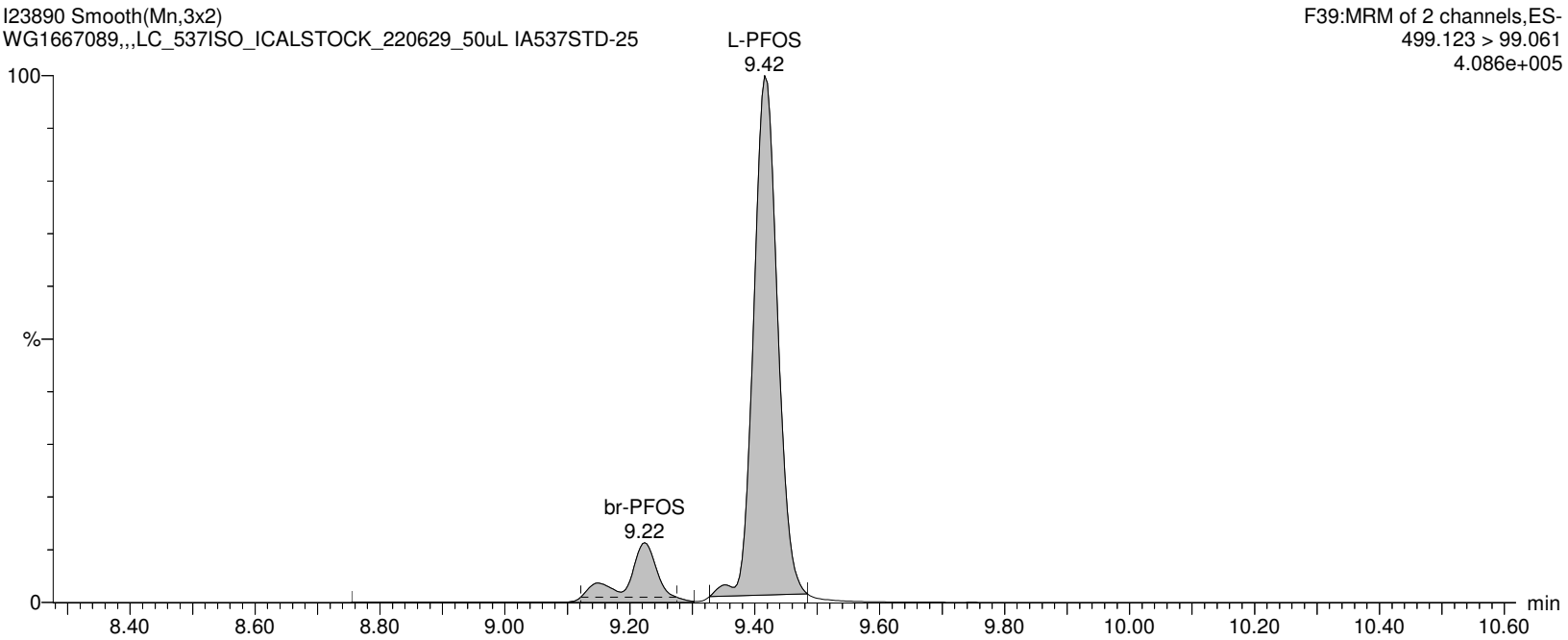
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFOS



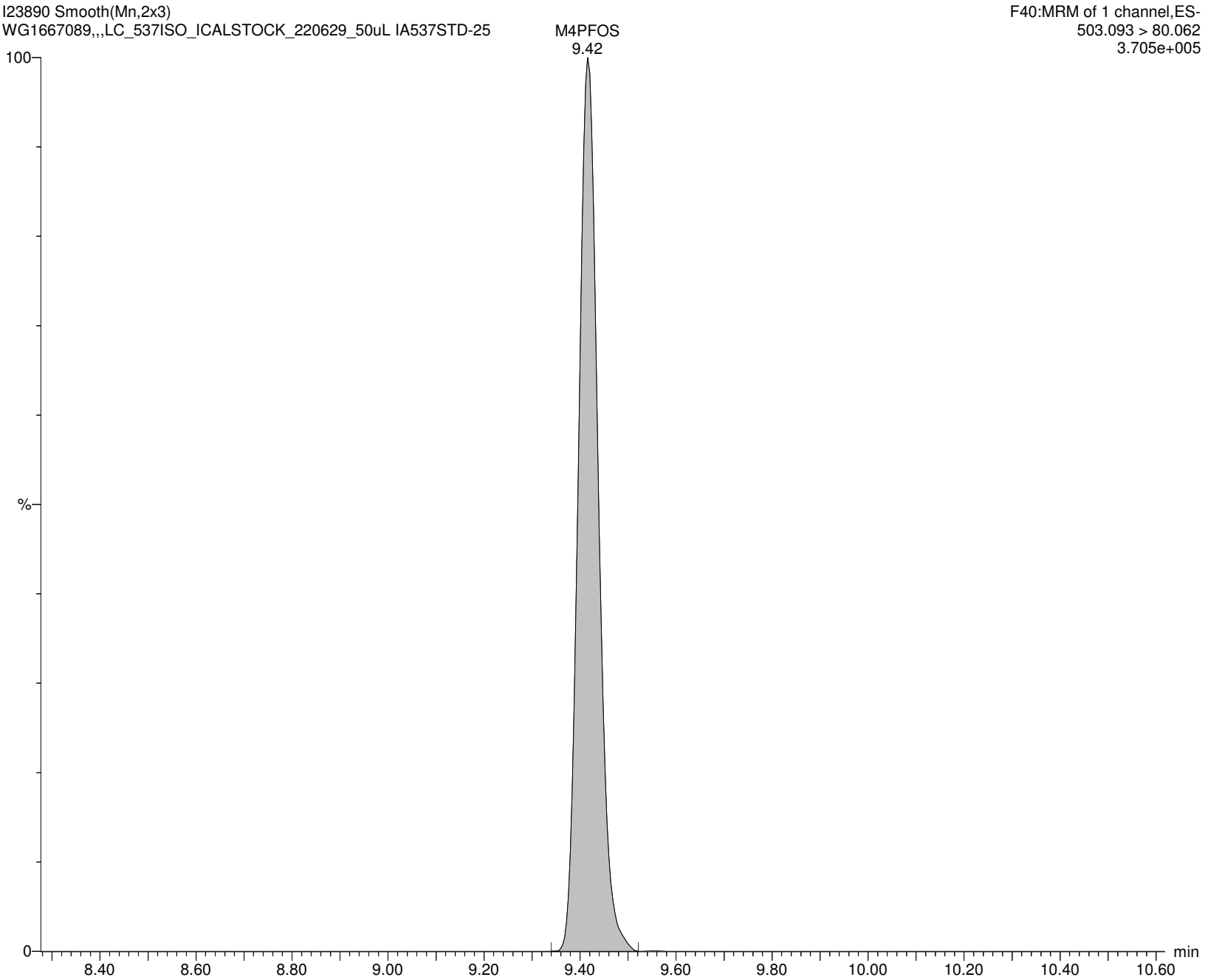


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M4PFOS

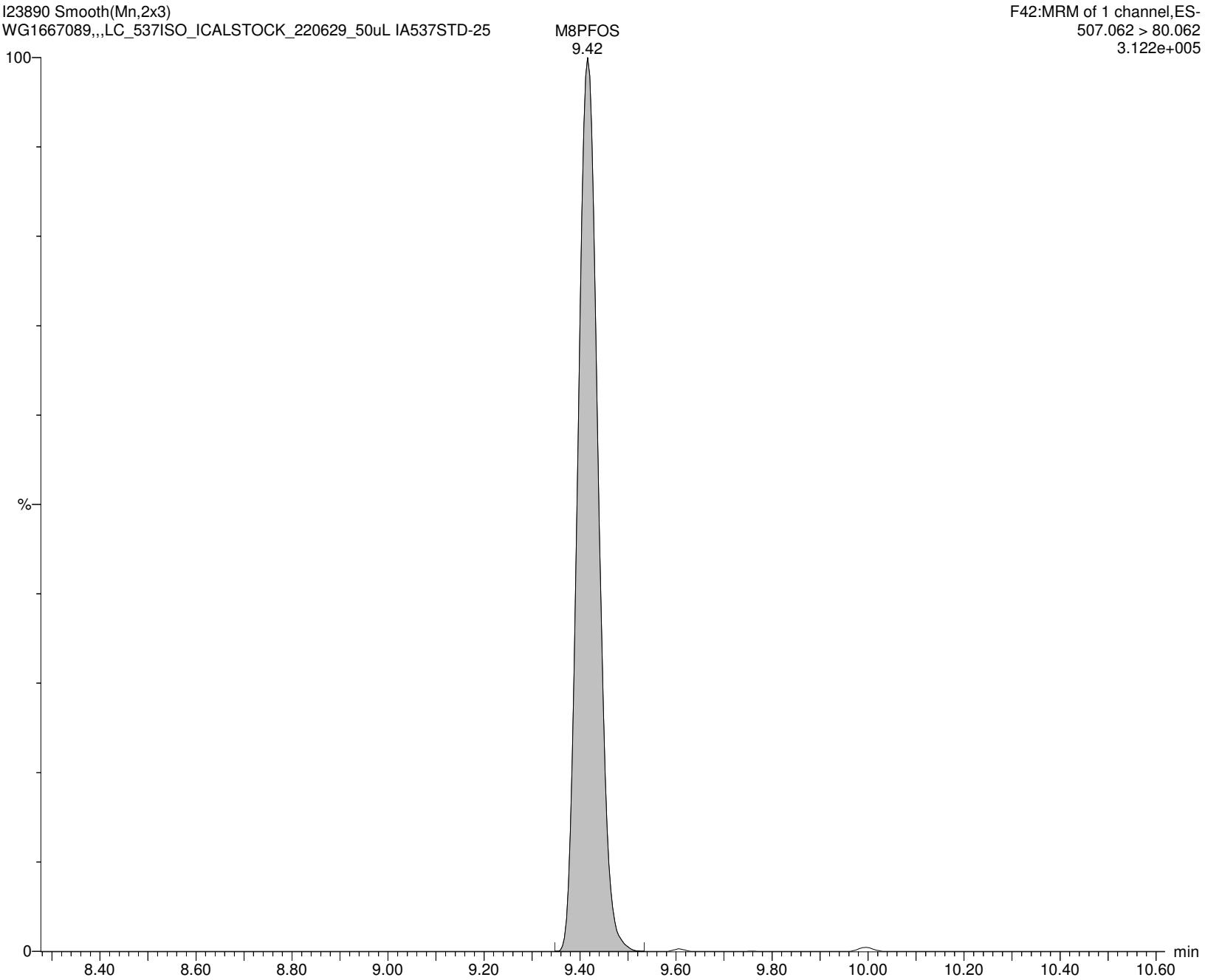


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M8PFOS

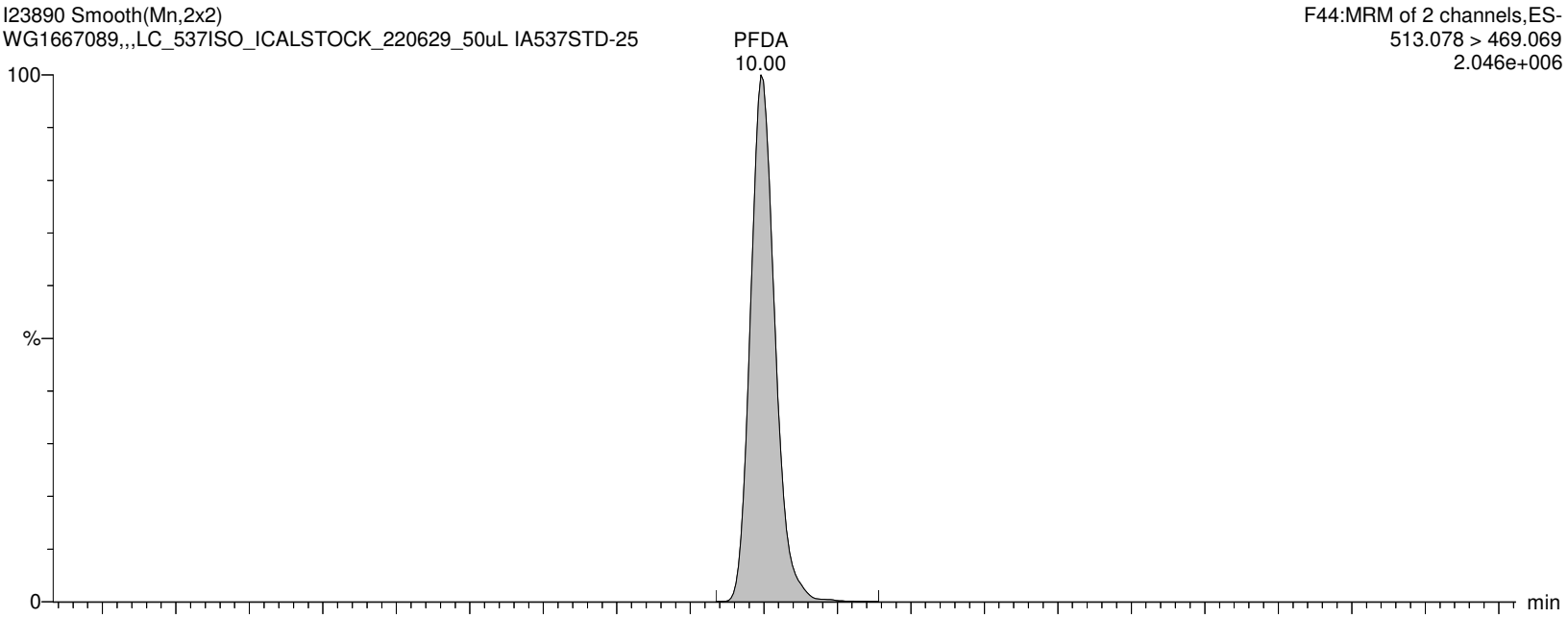


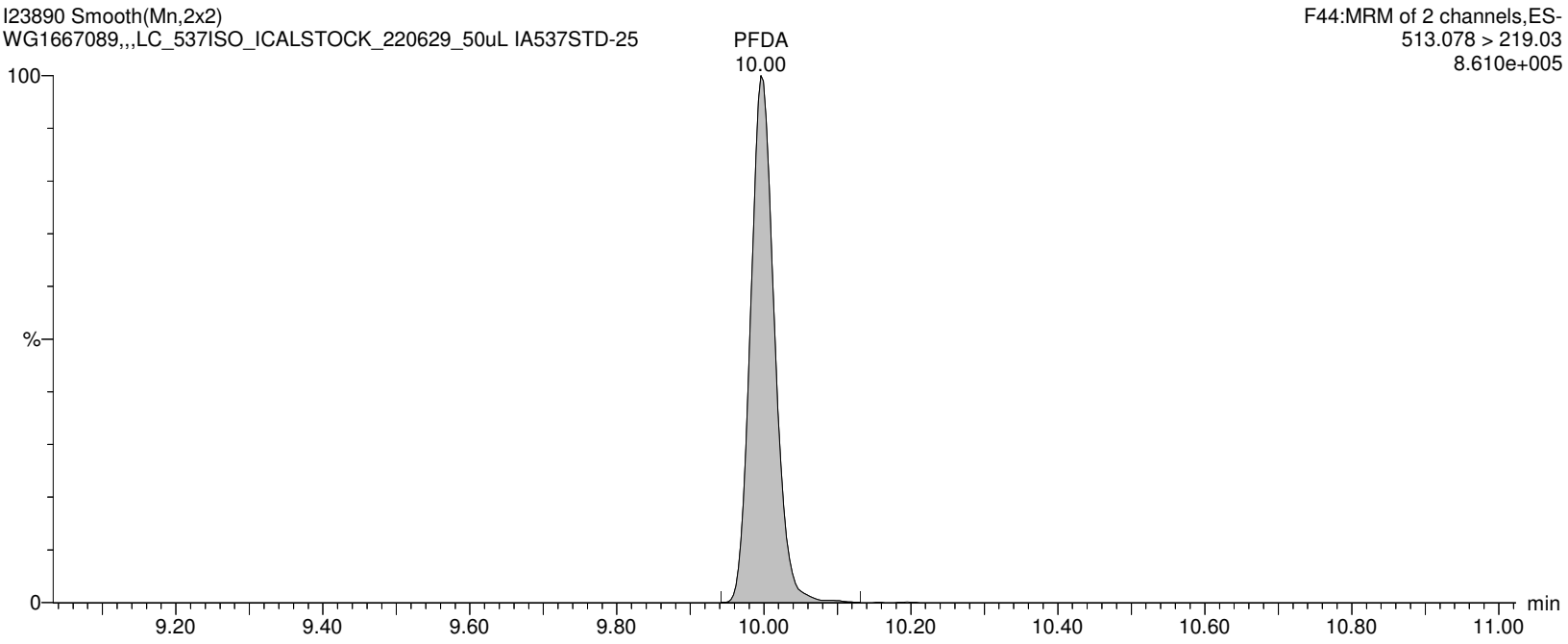
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFDA



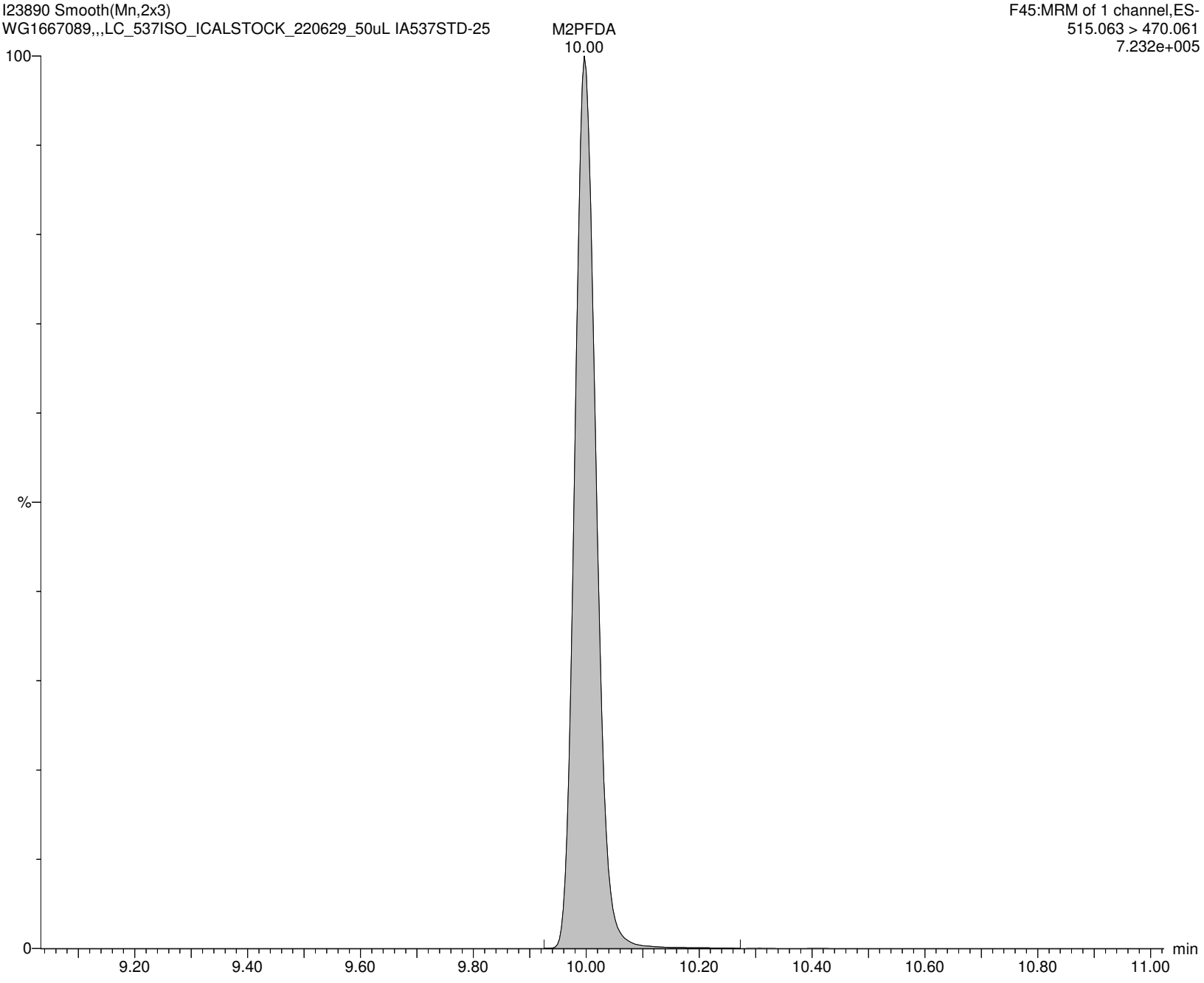


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2PFDA

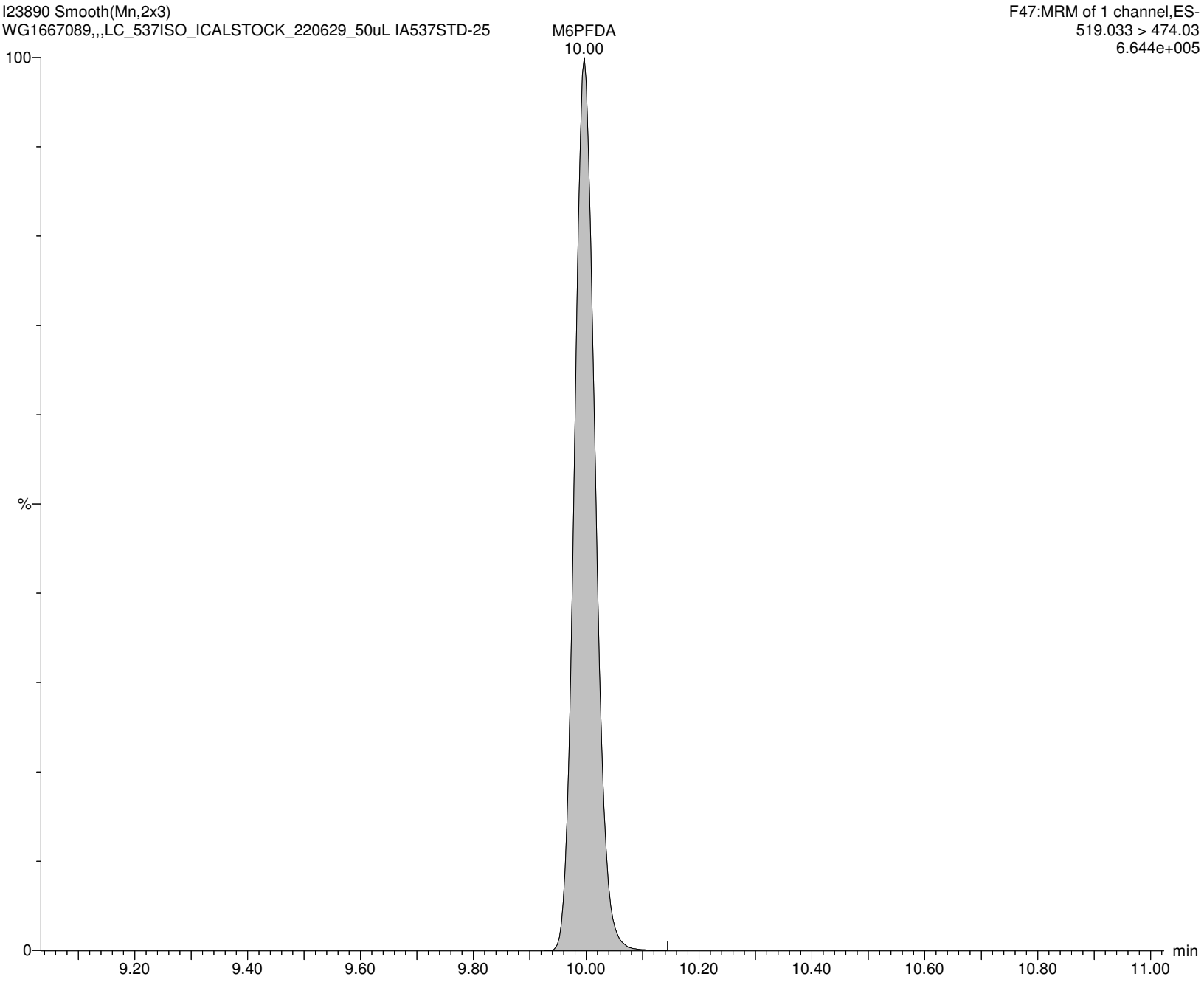


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M6PFDA

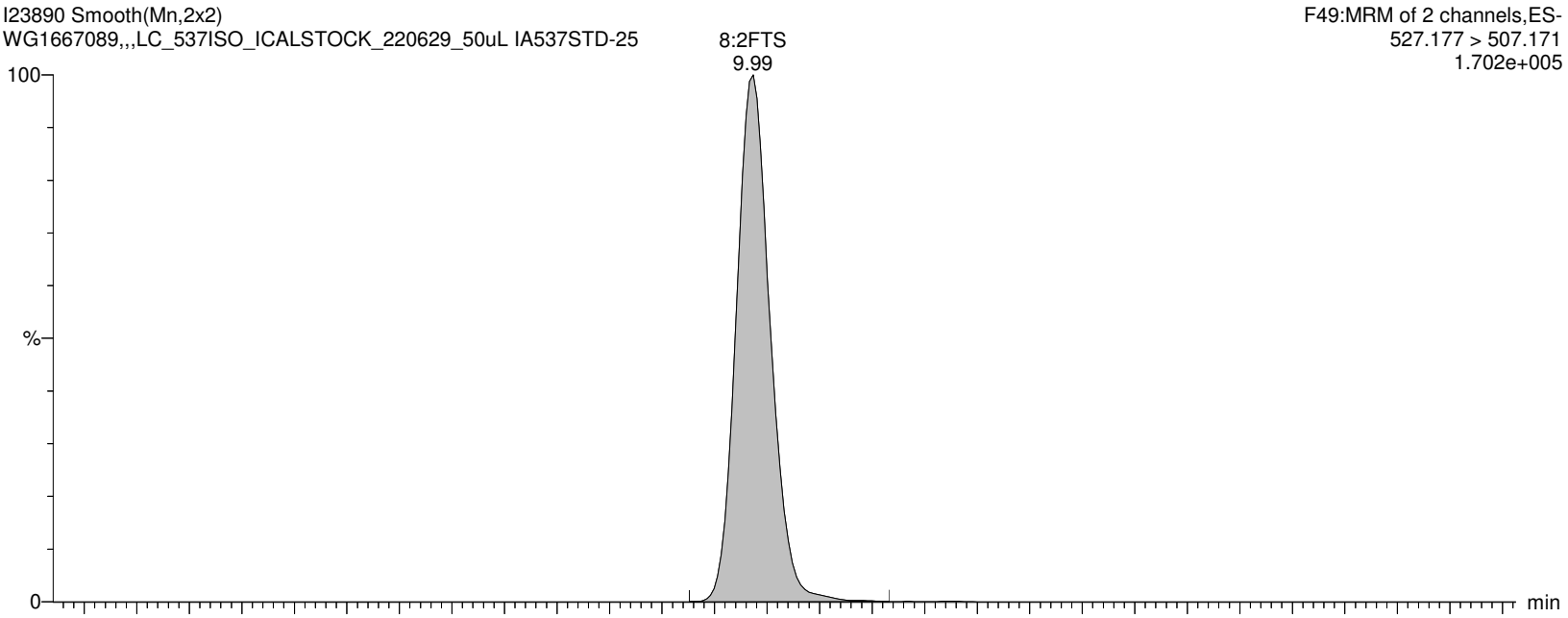


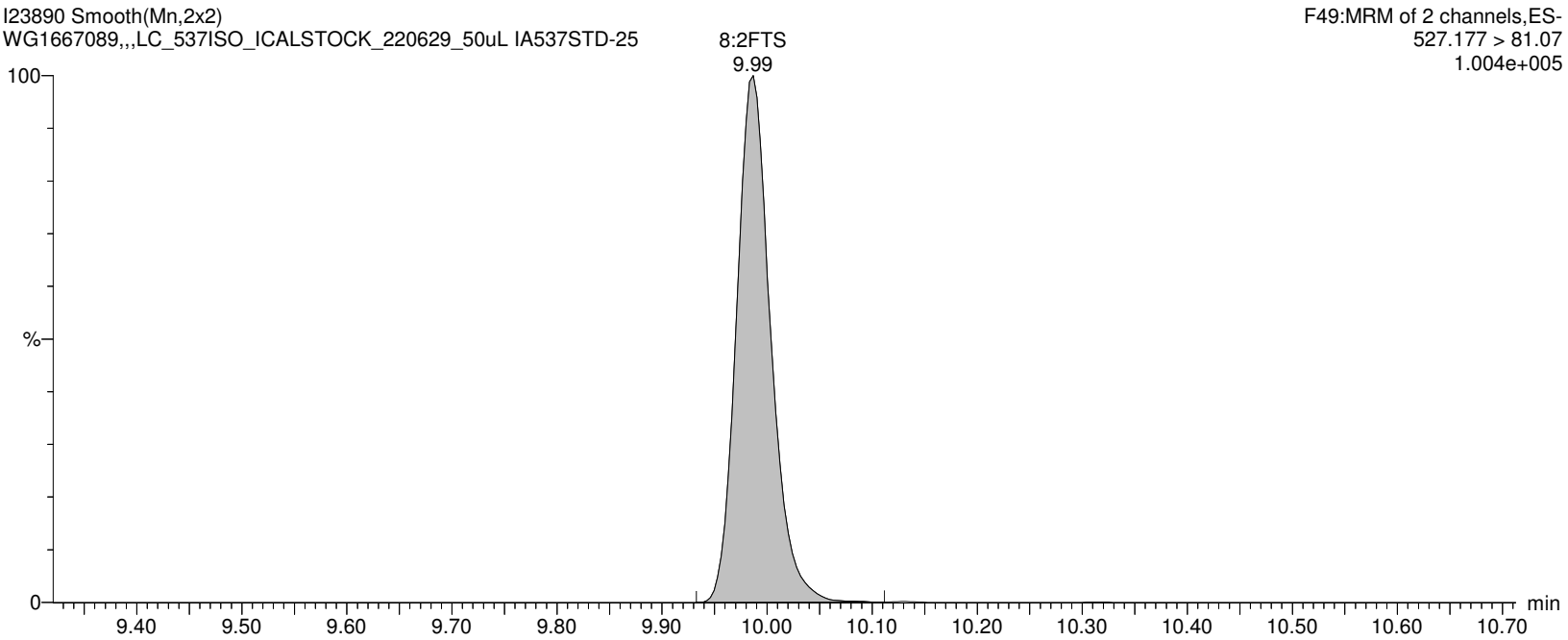
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

8:2FTS



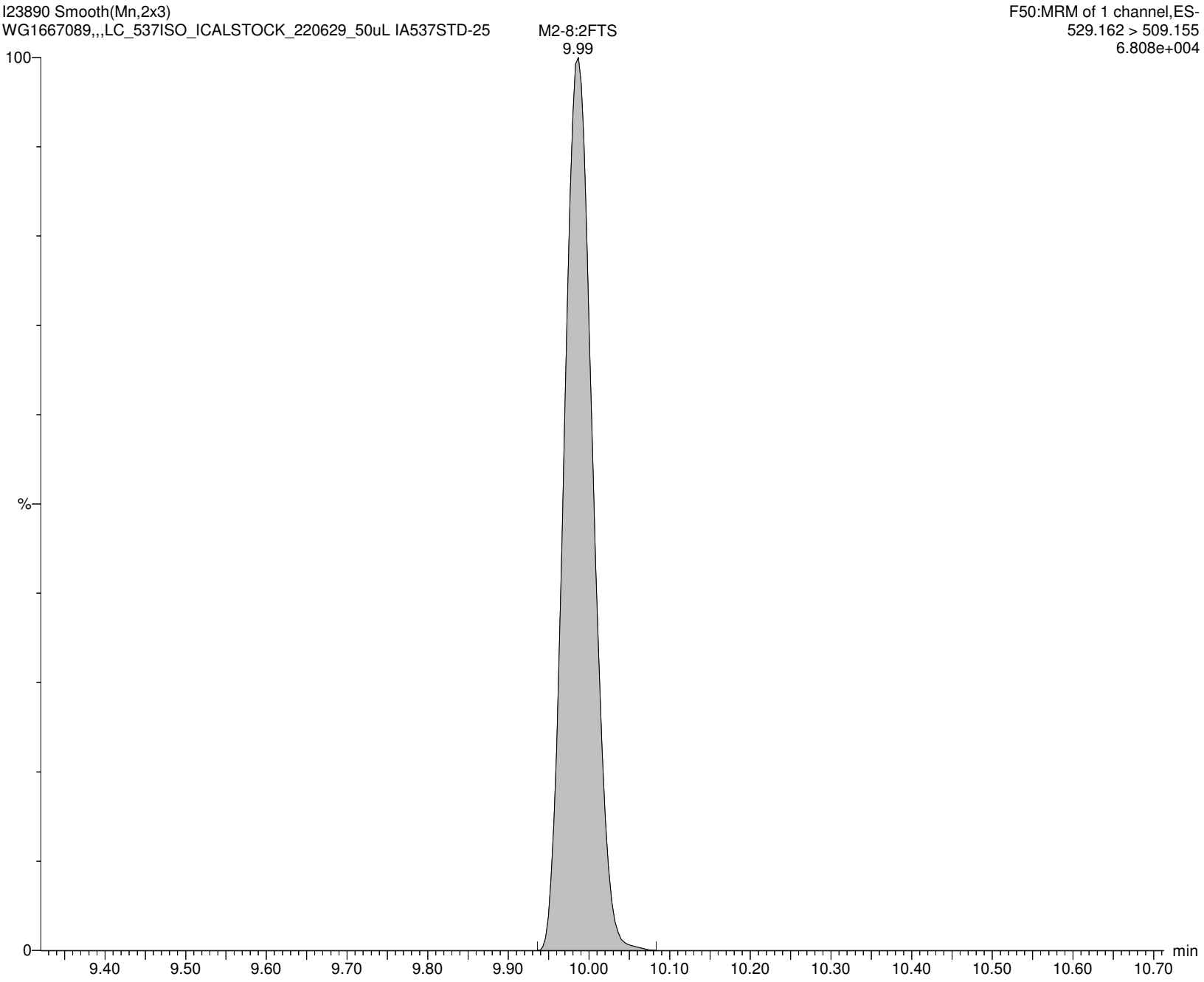


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2-8:2FTS

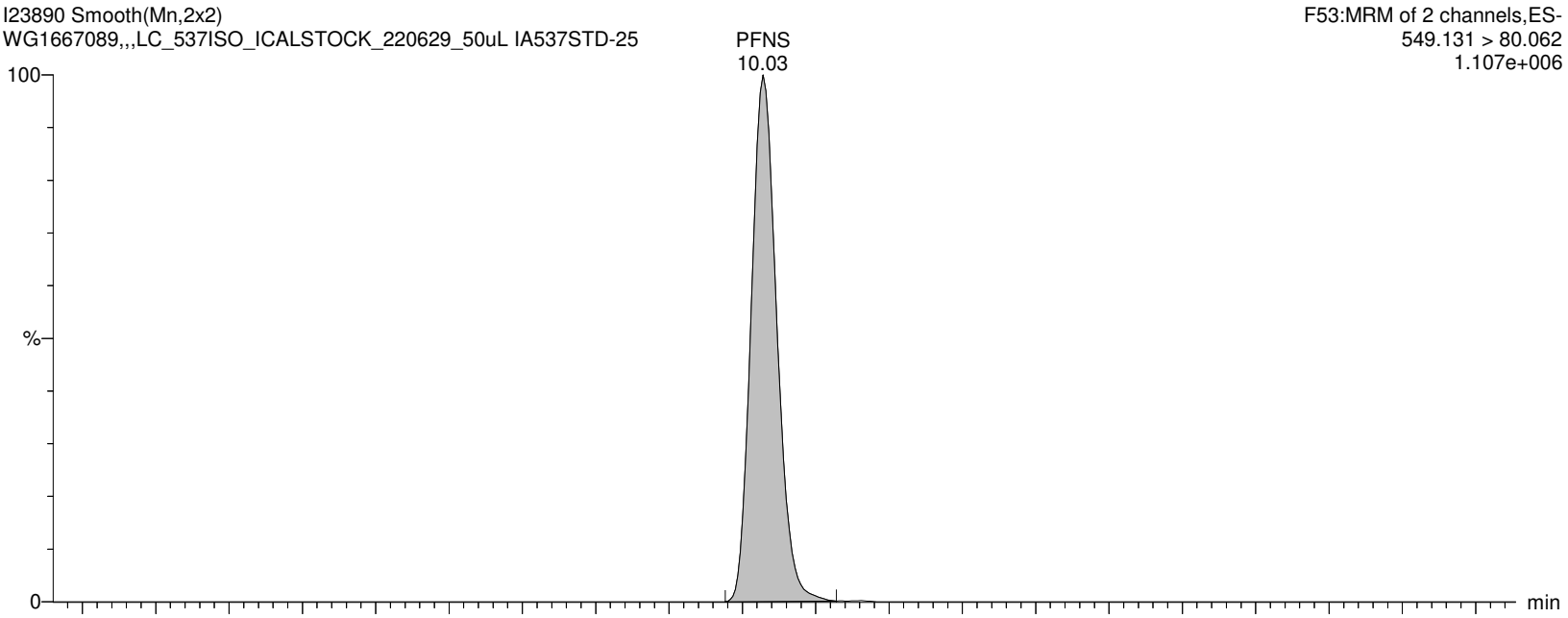


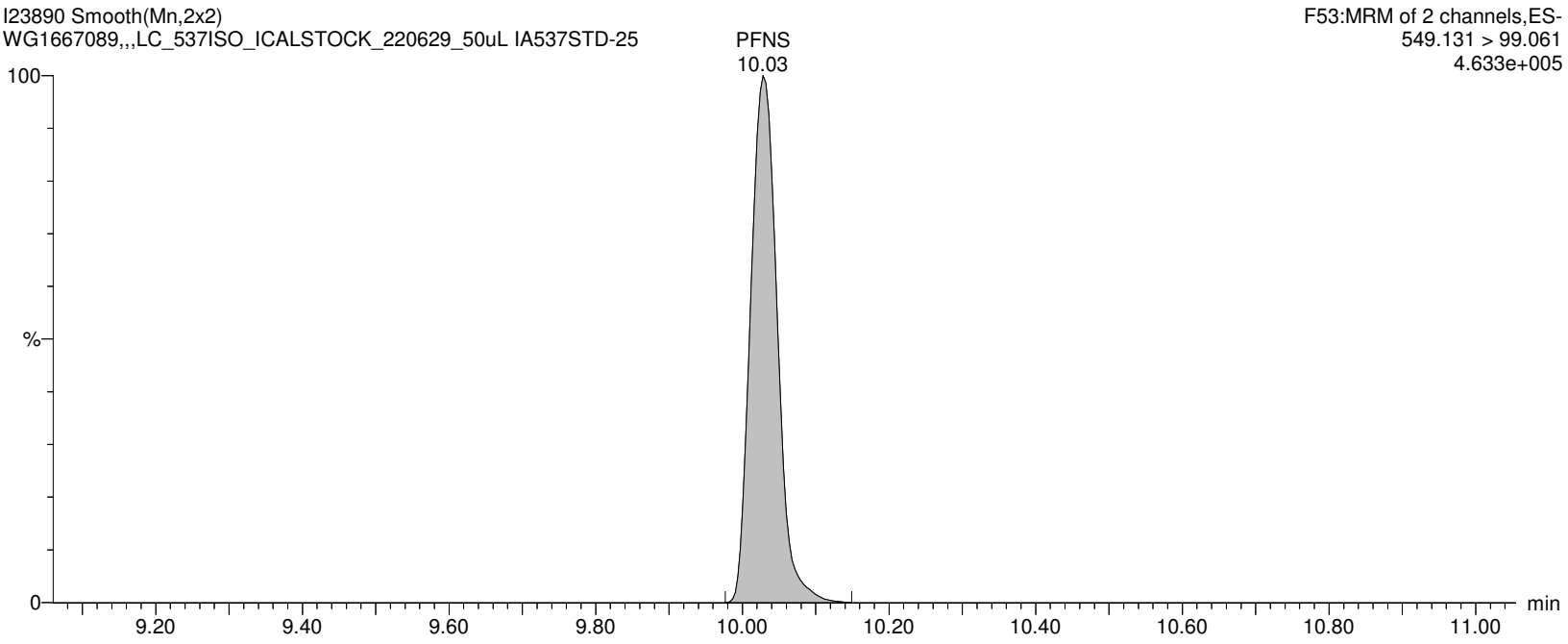
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFNS



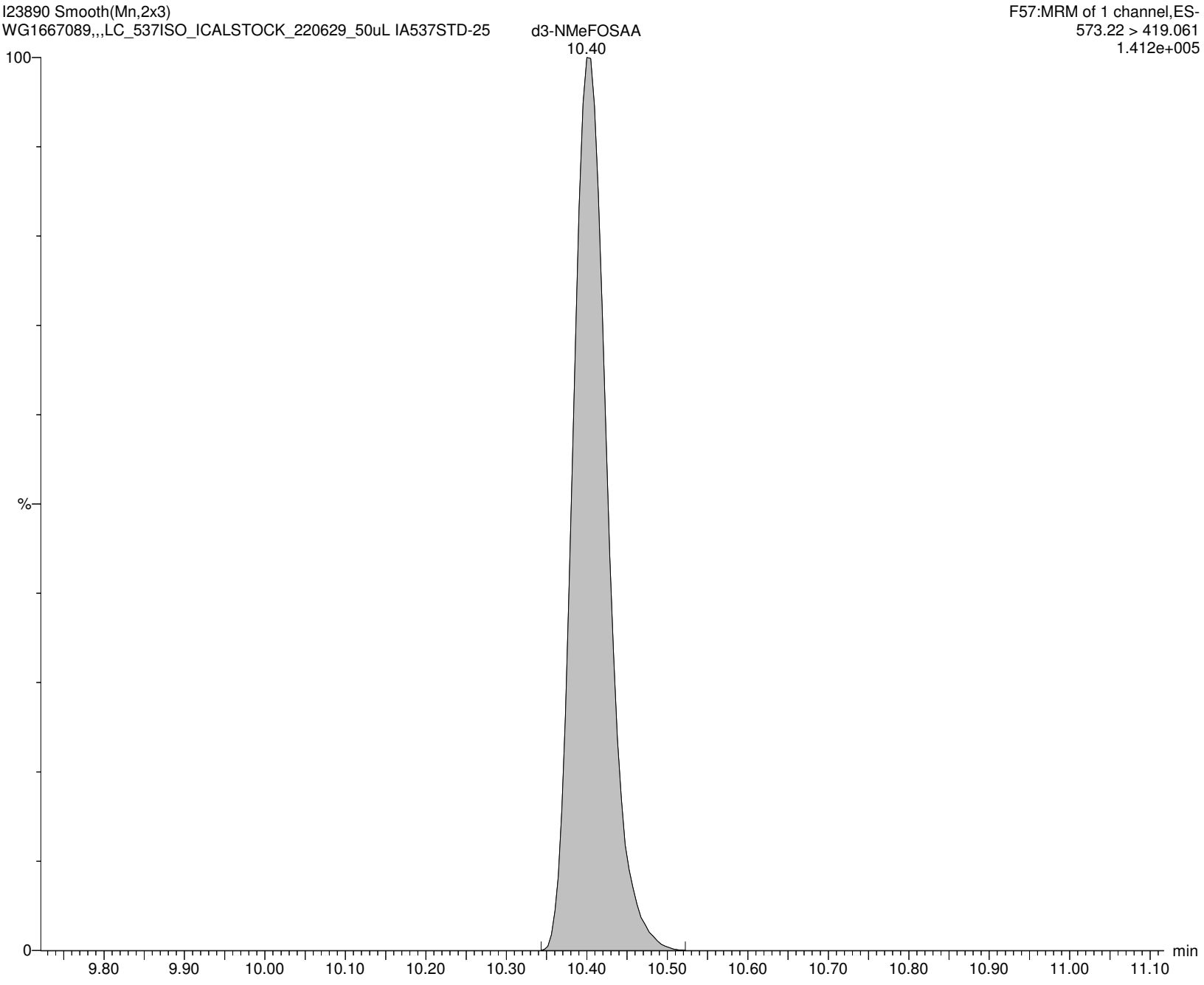


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

d3-NMeFOSAA

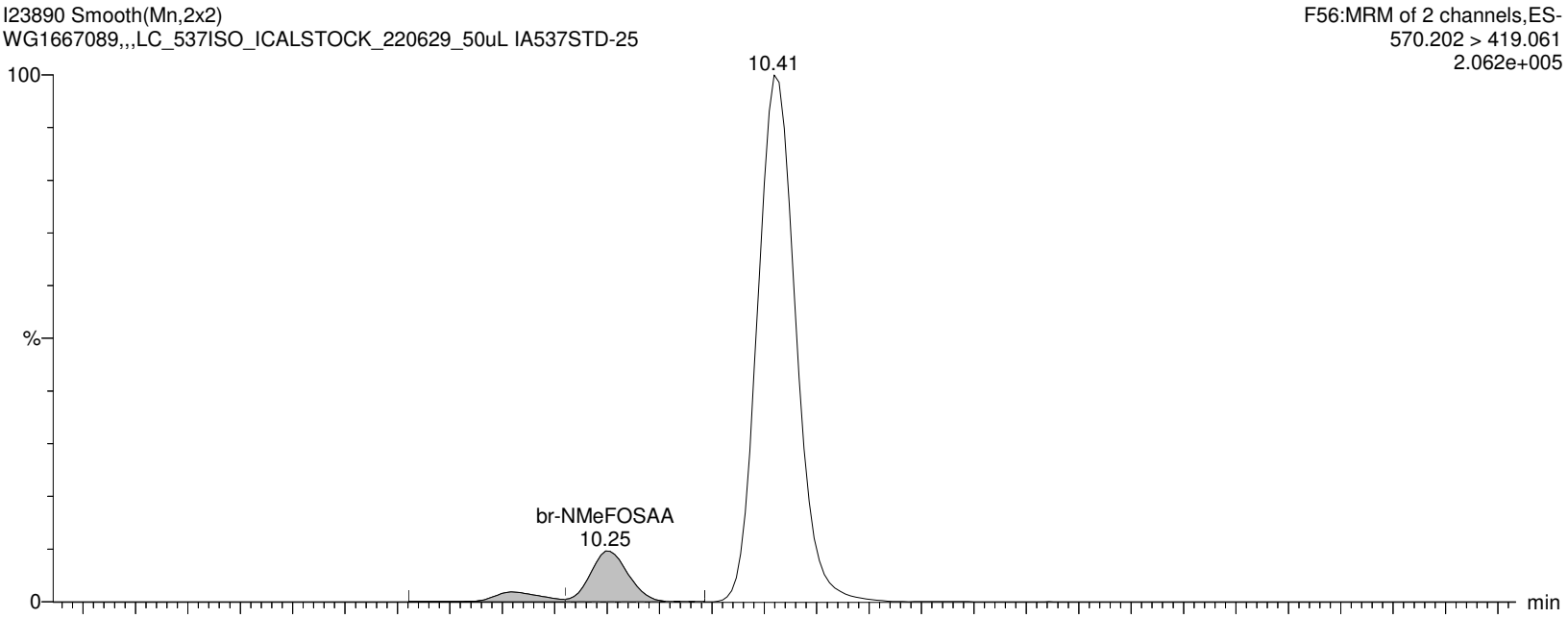


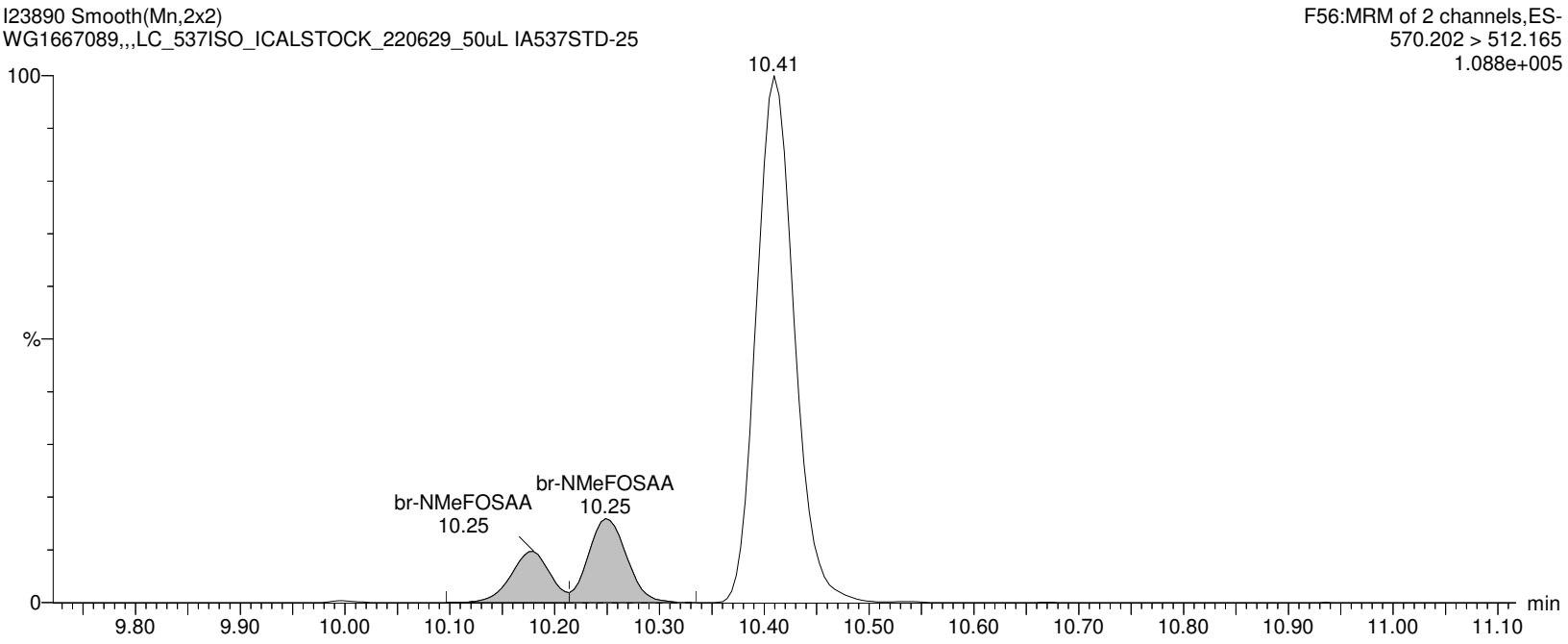
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

br-NMeFOSAA



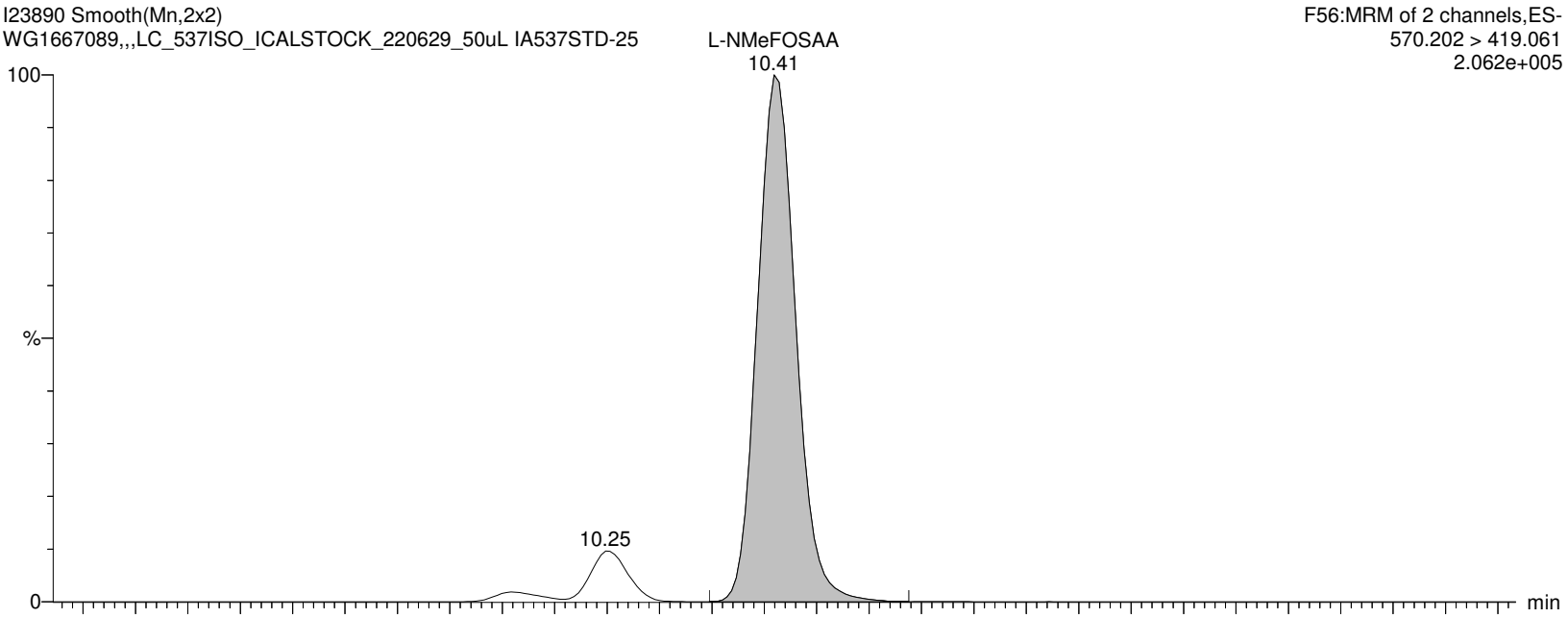


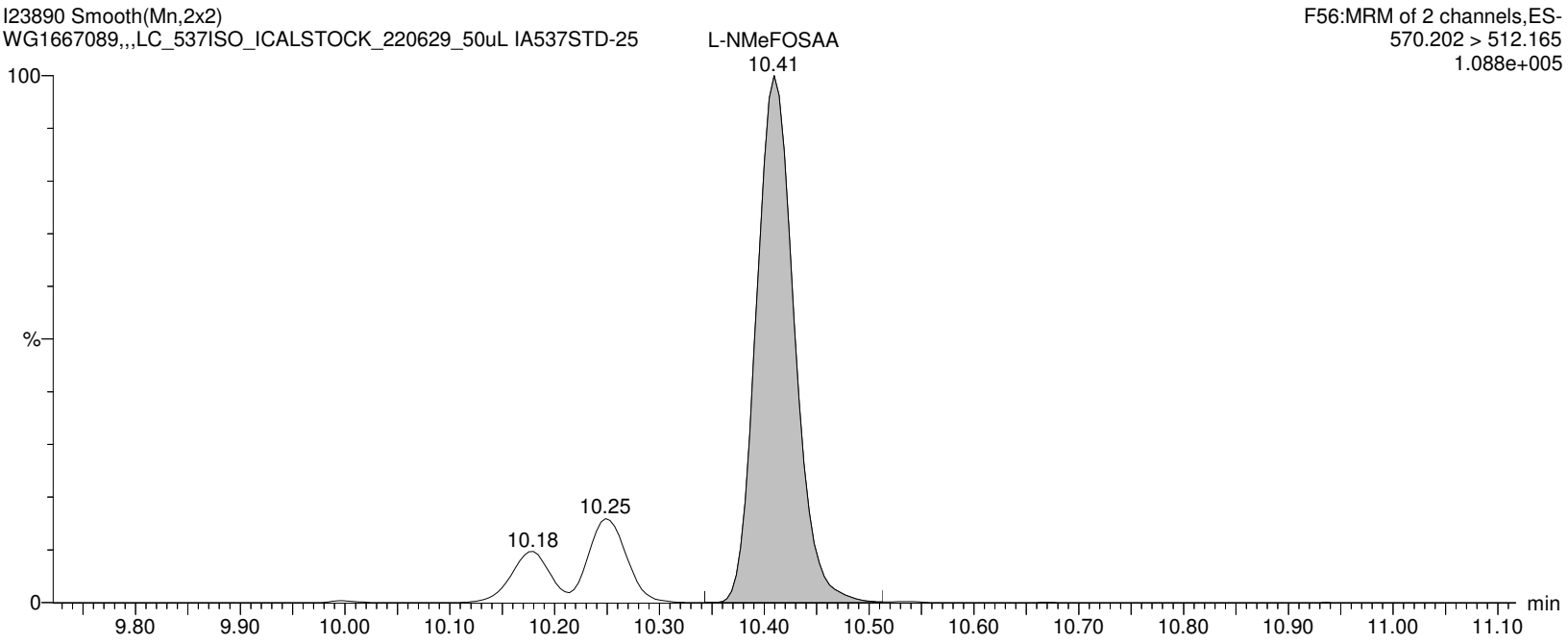
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

L-NMeFOSAA



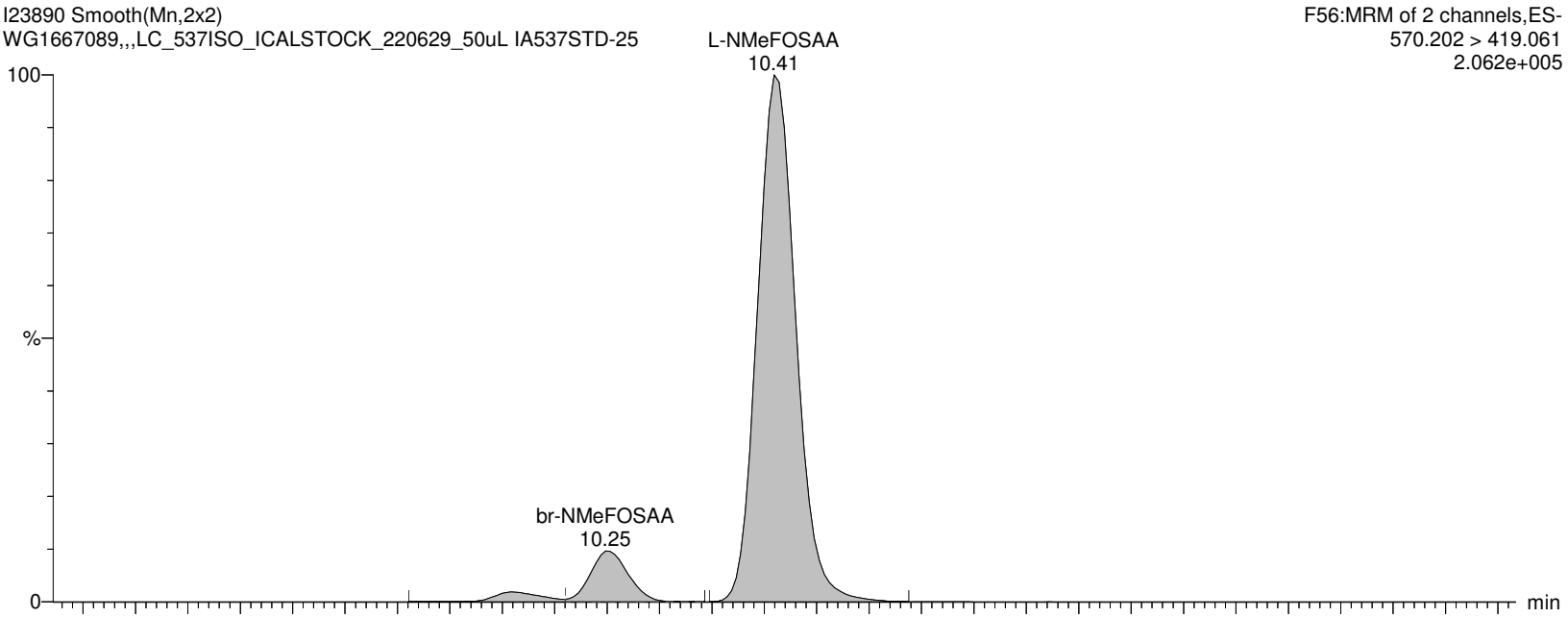


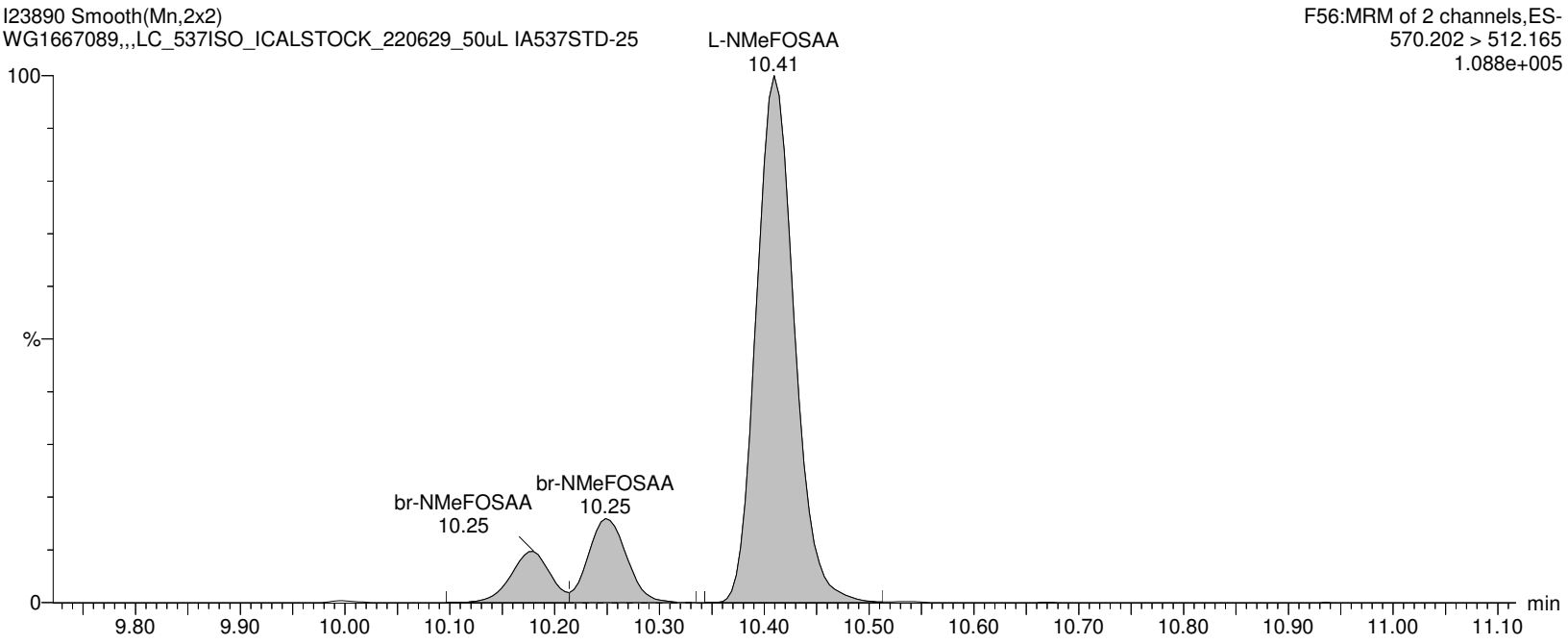
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NMeFOSAA



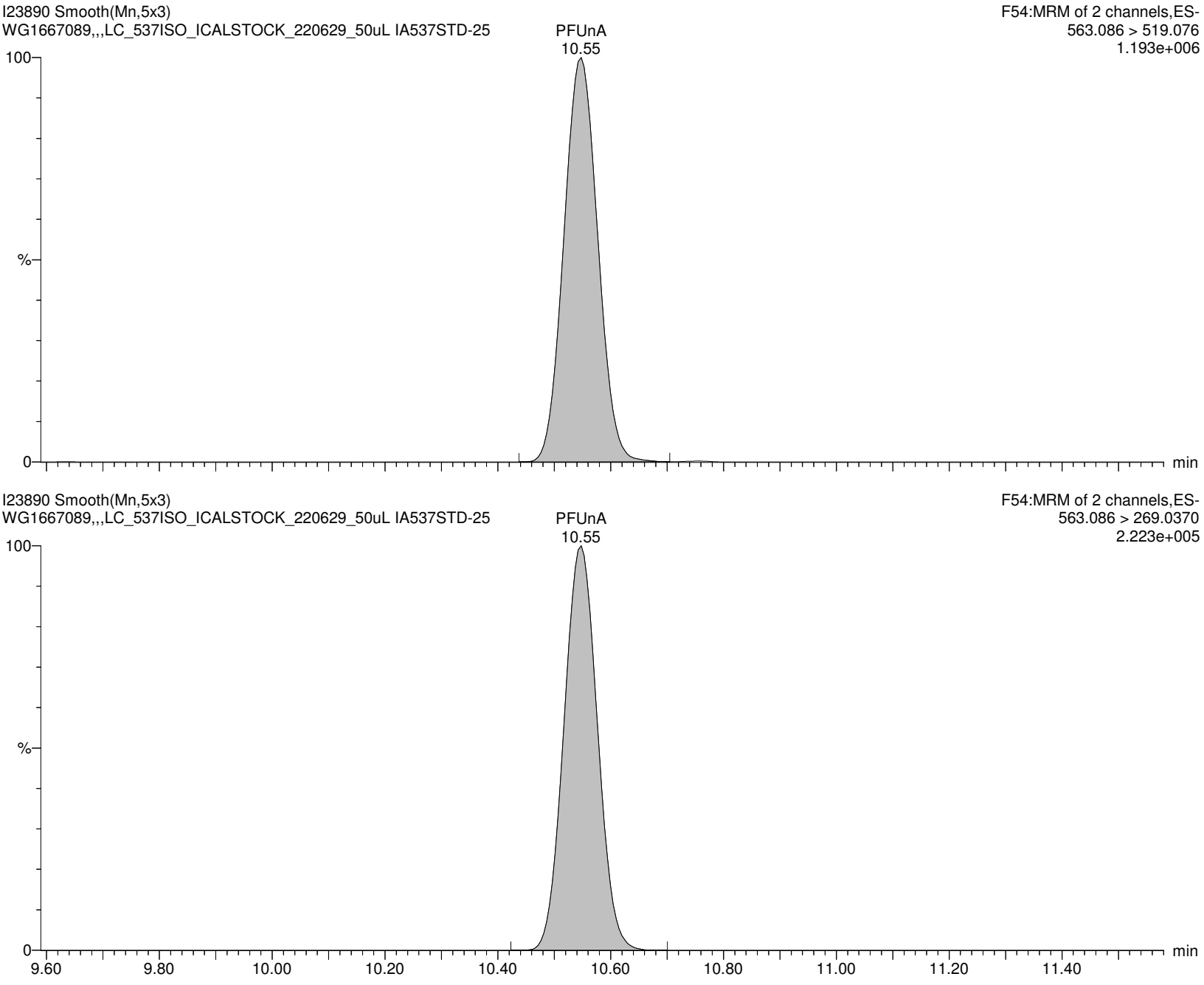


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFUnA

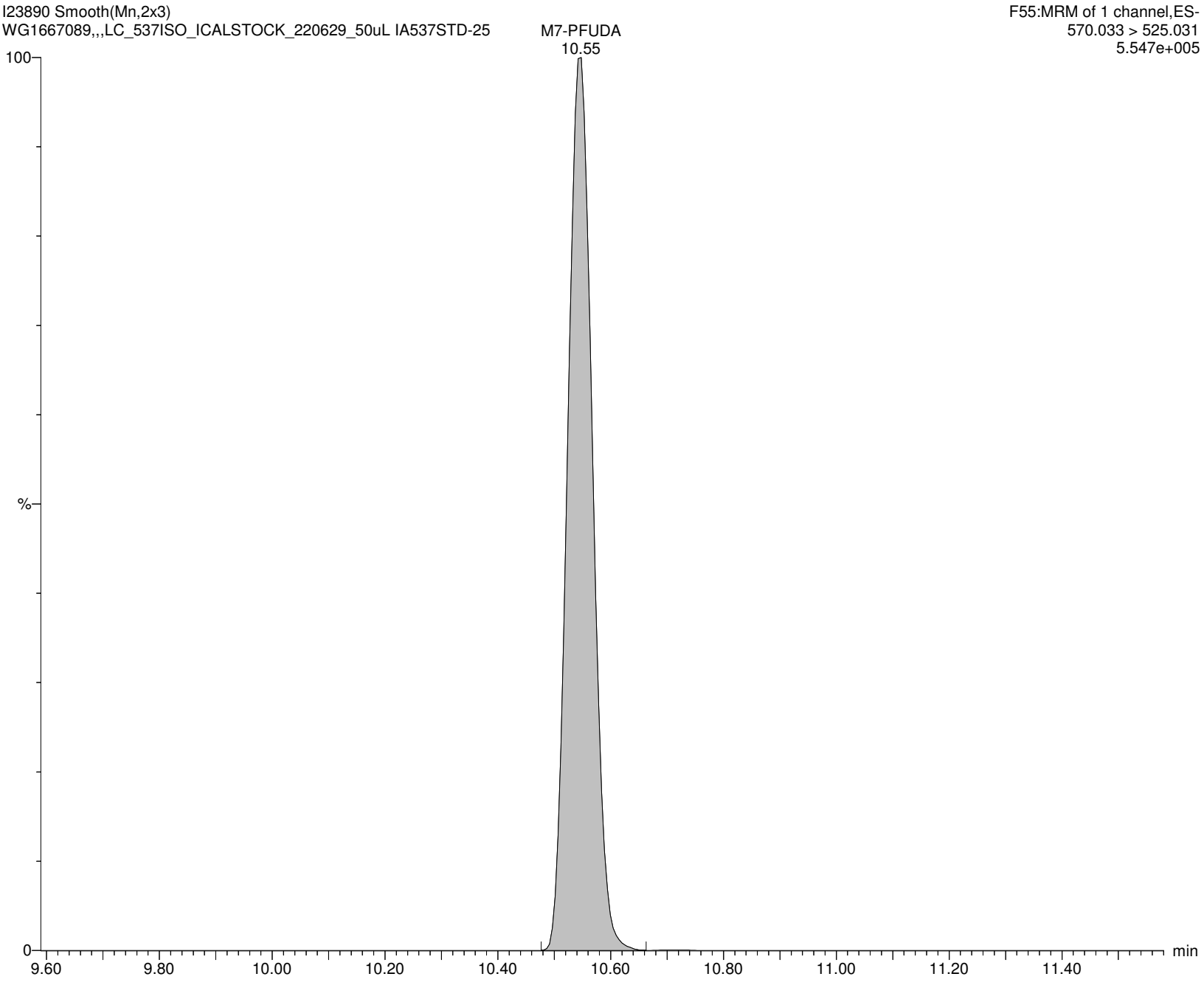


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M7-PFUDA

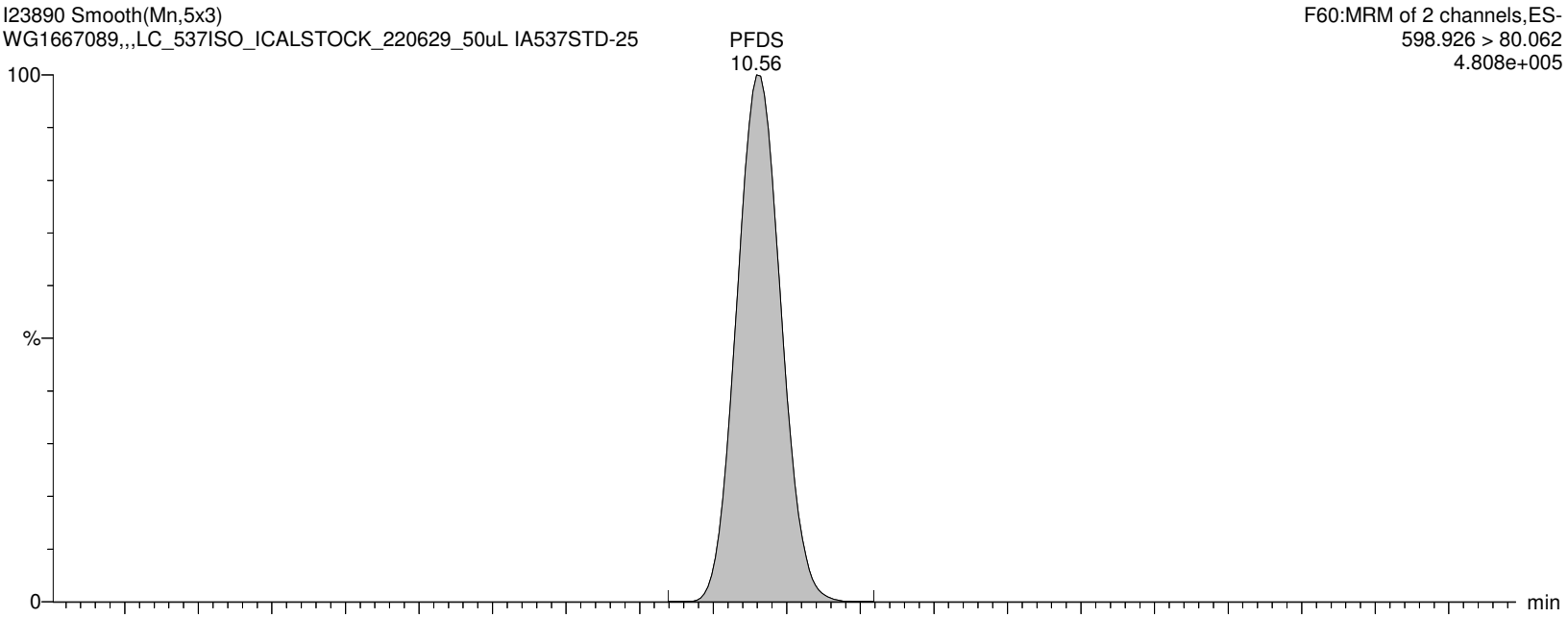


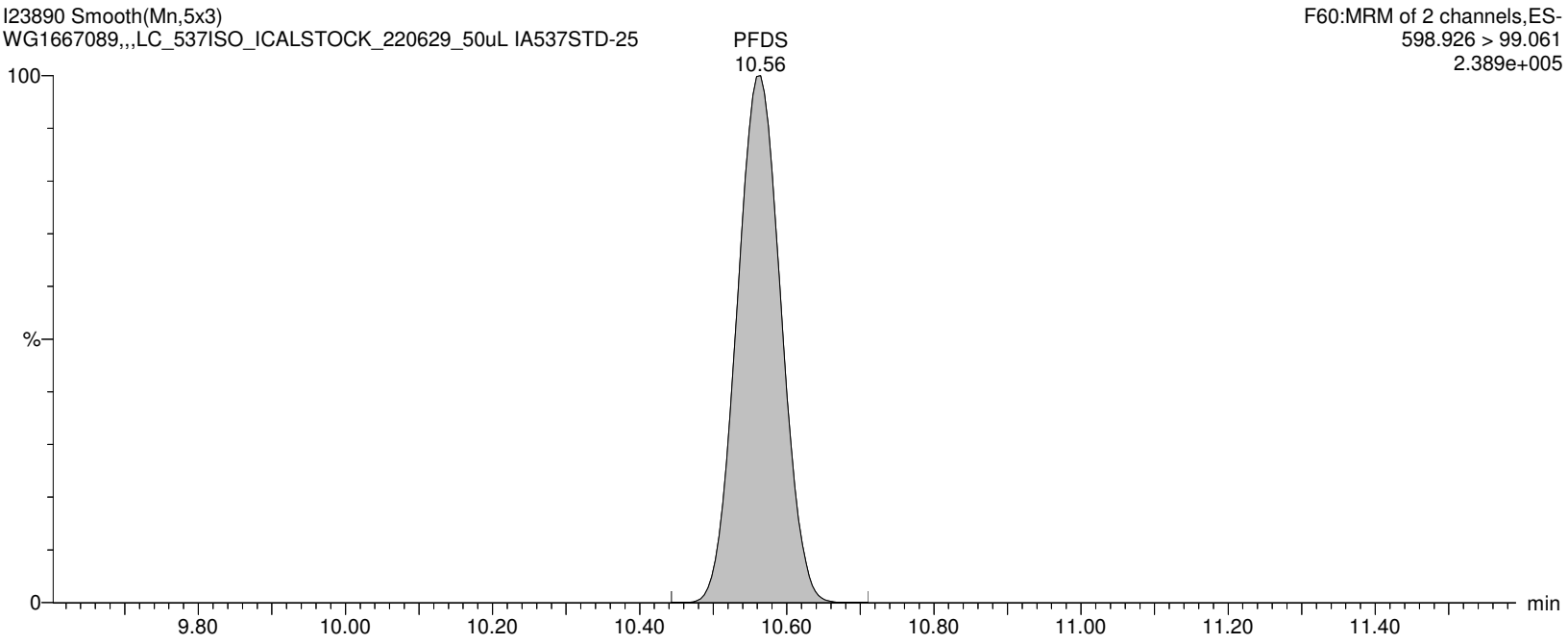
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFDS



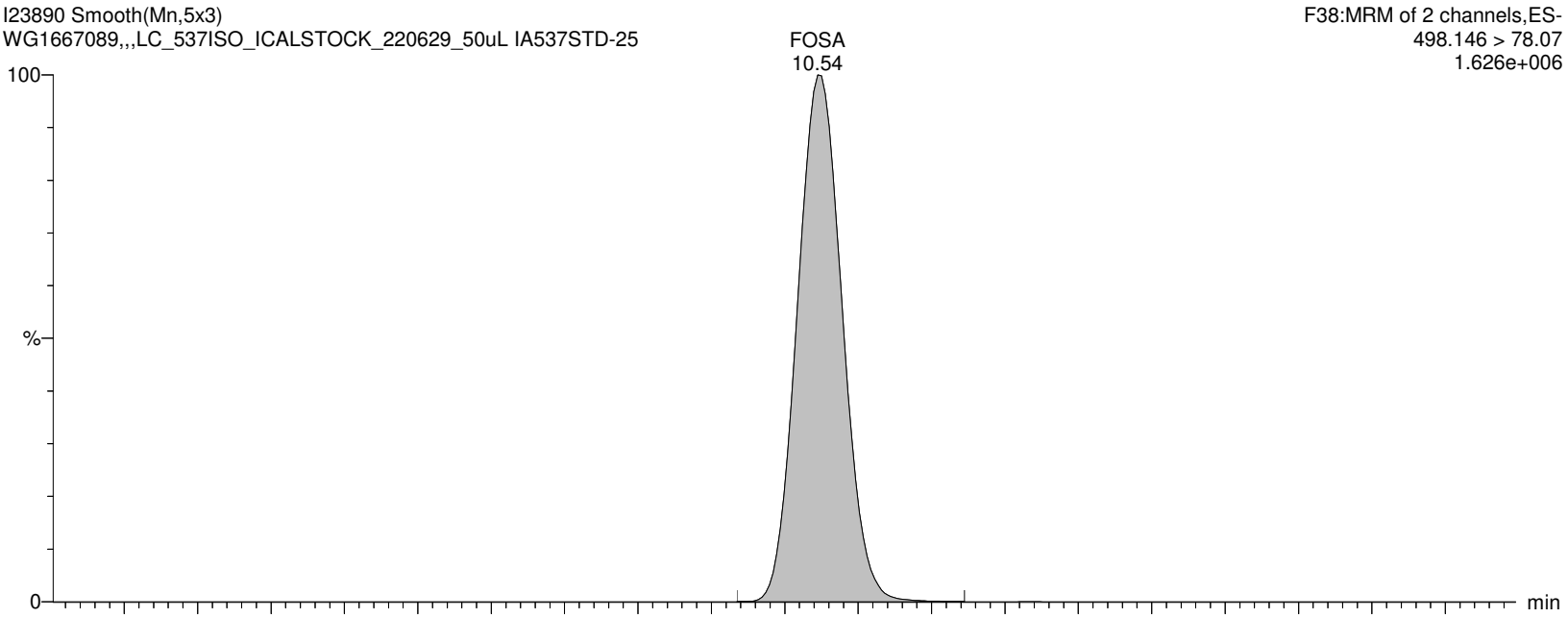


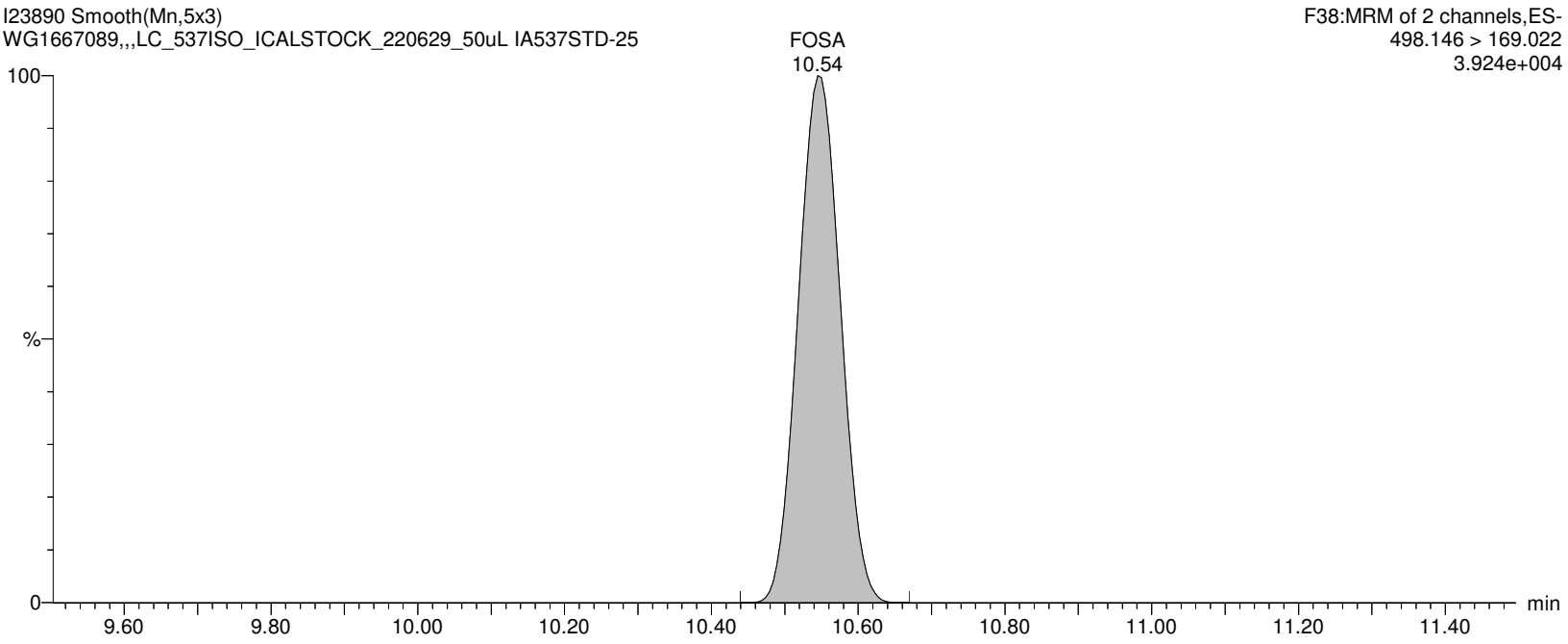
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

FOSA



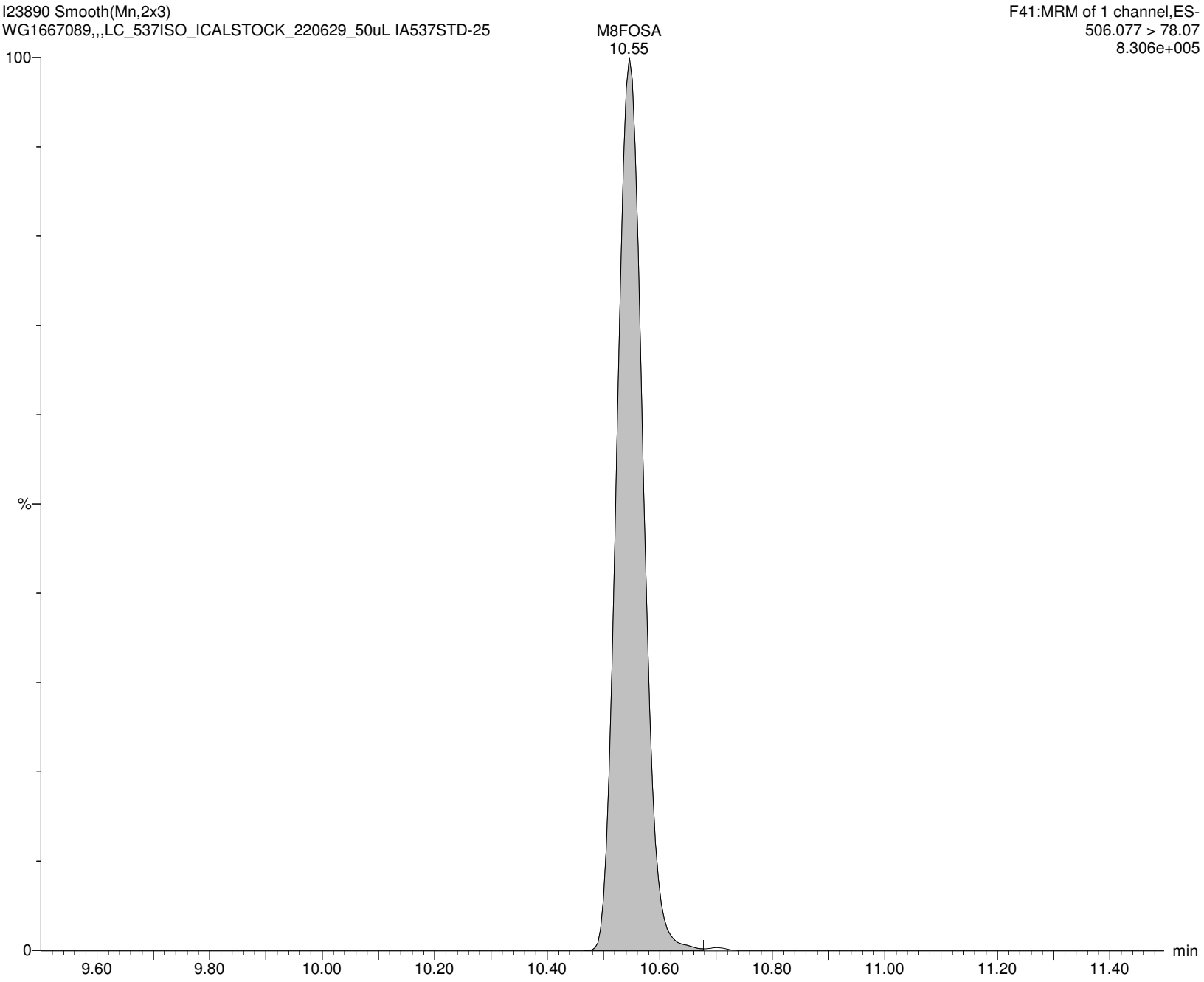


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M8FOSA

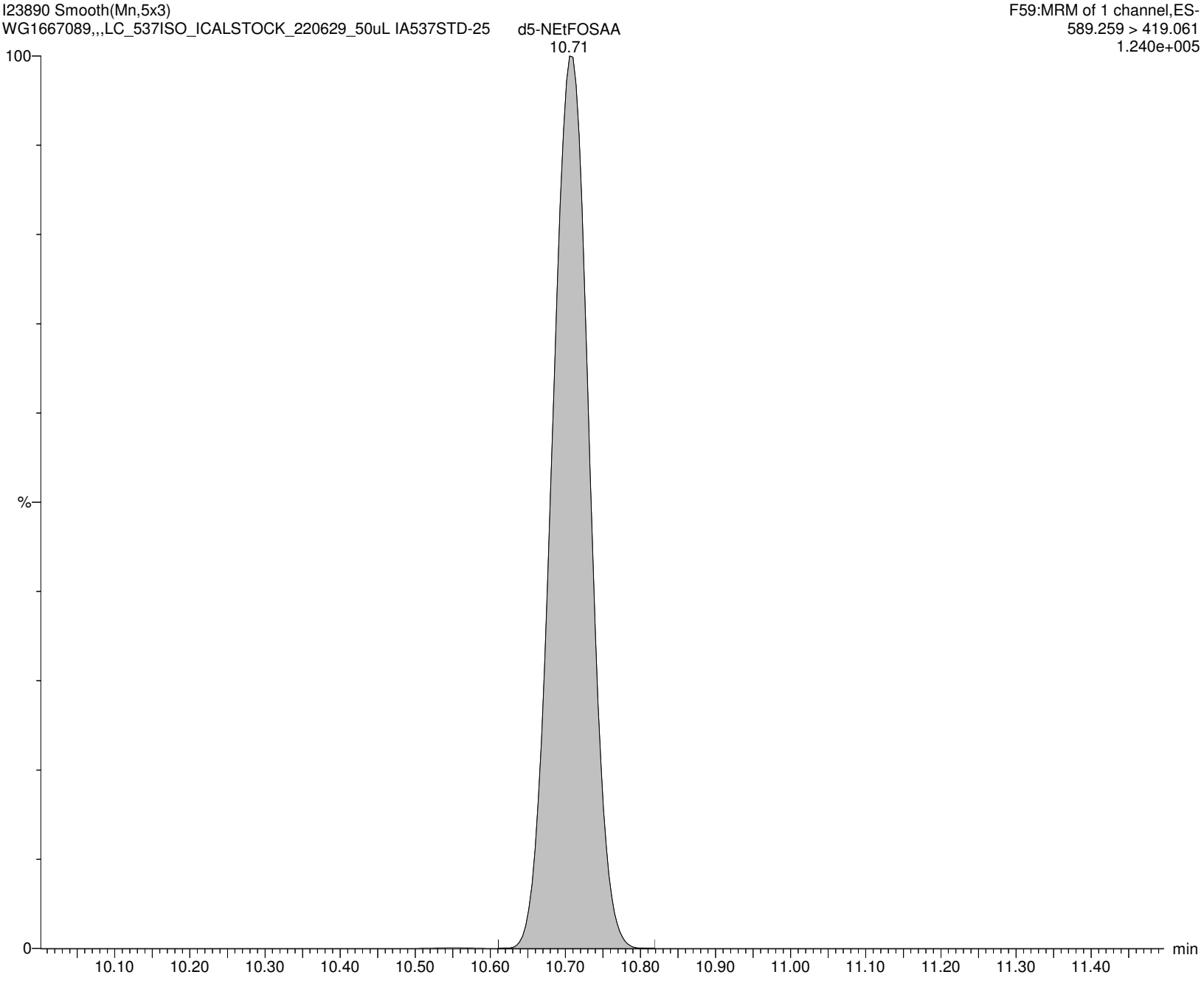


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

d5-NEtFOSAA

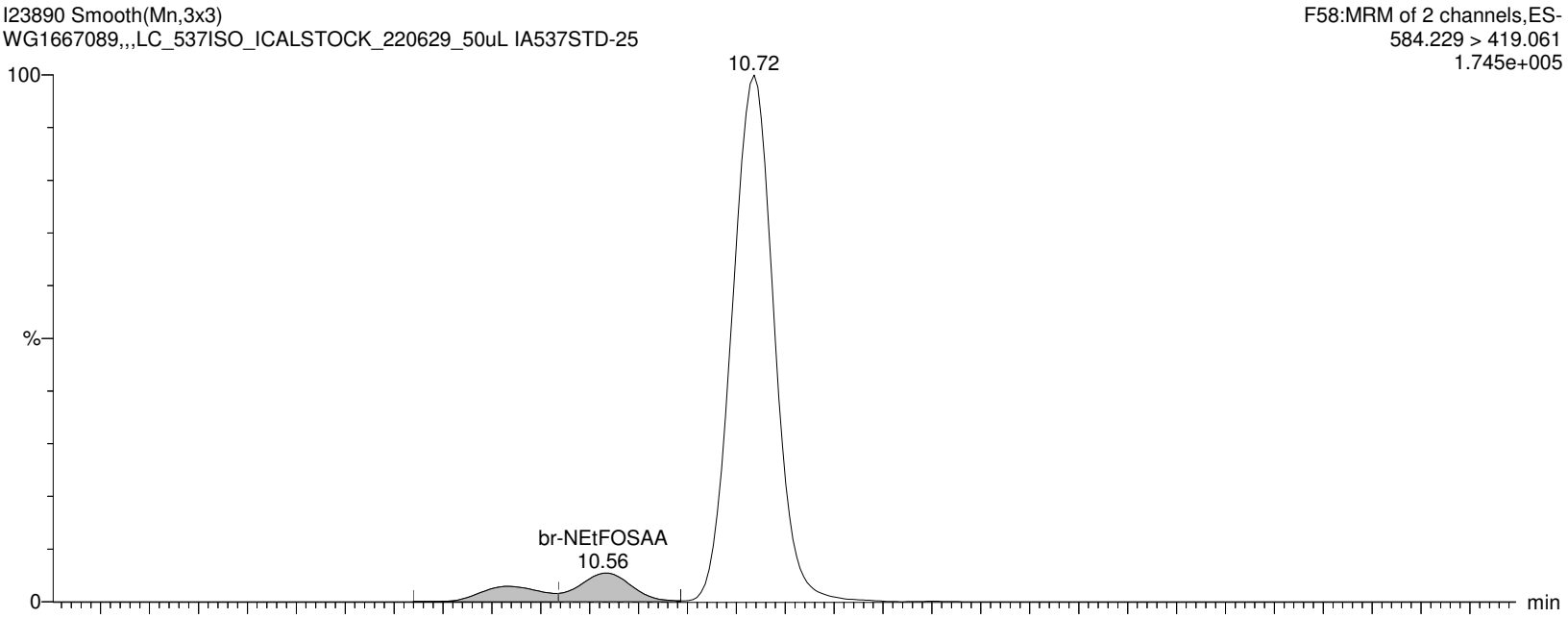


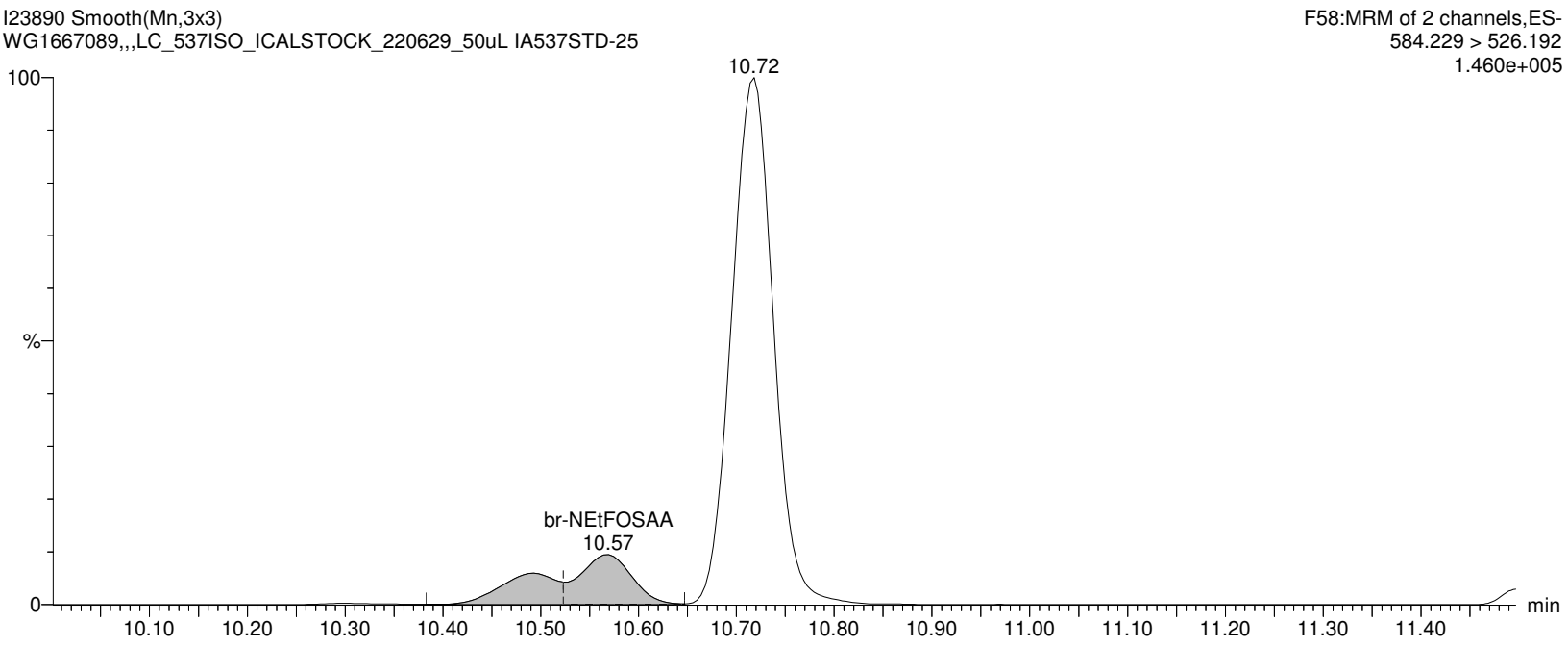
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

br-NEtFOSAA



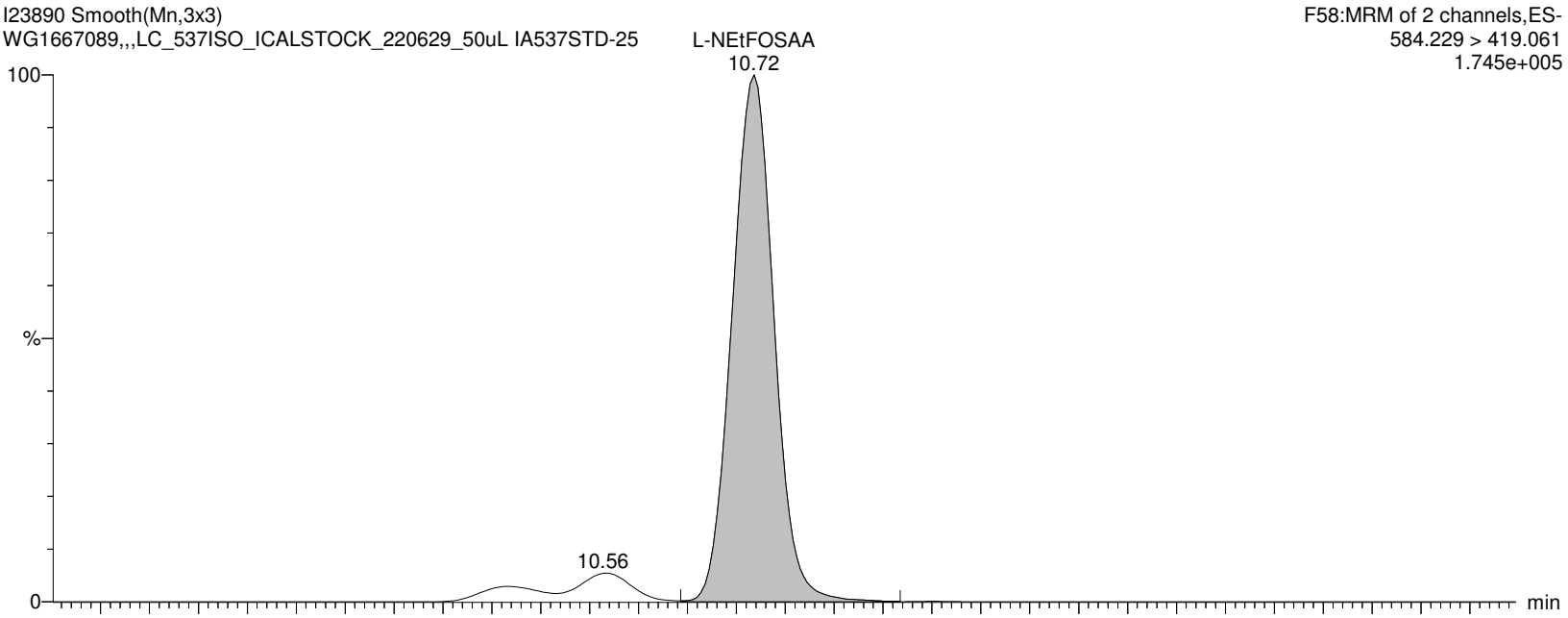


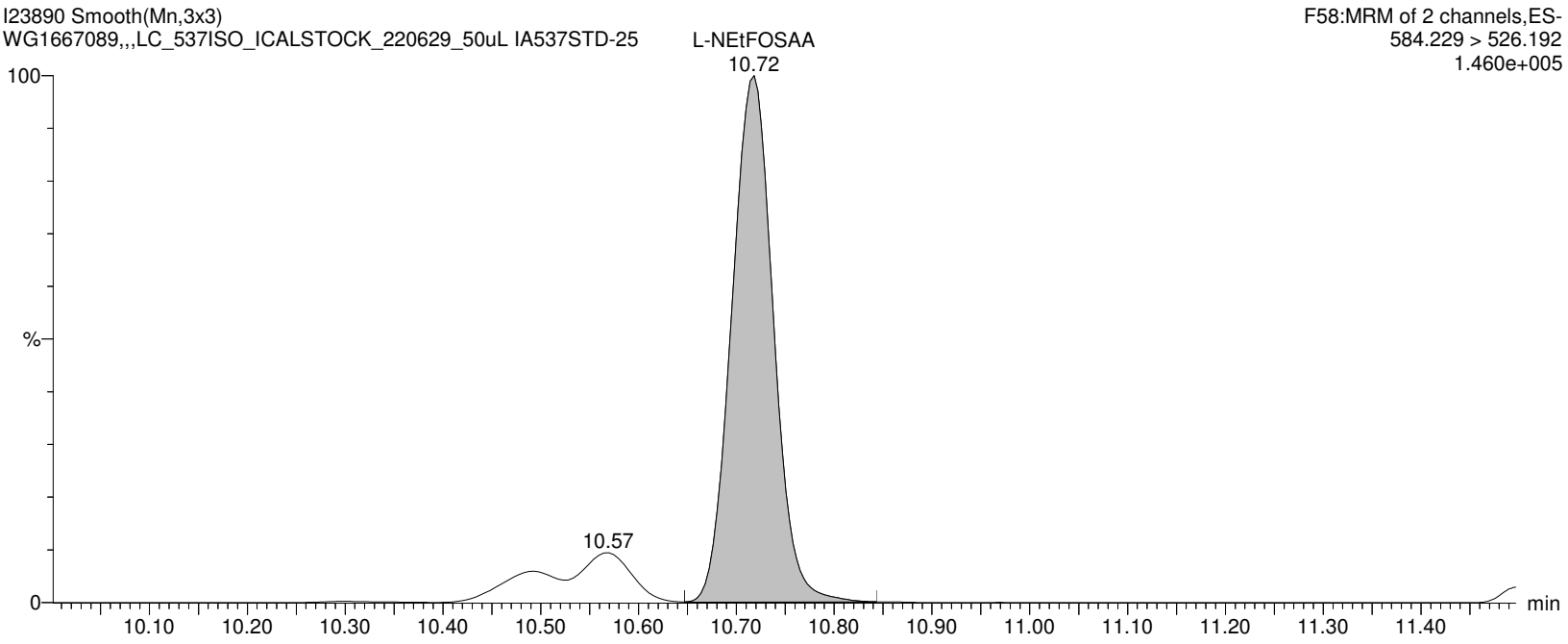
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

L-NEtFOSAA



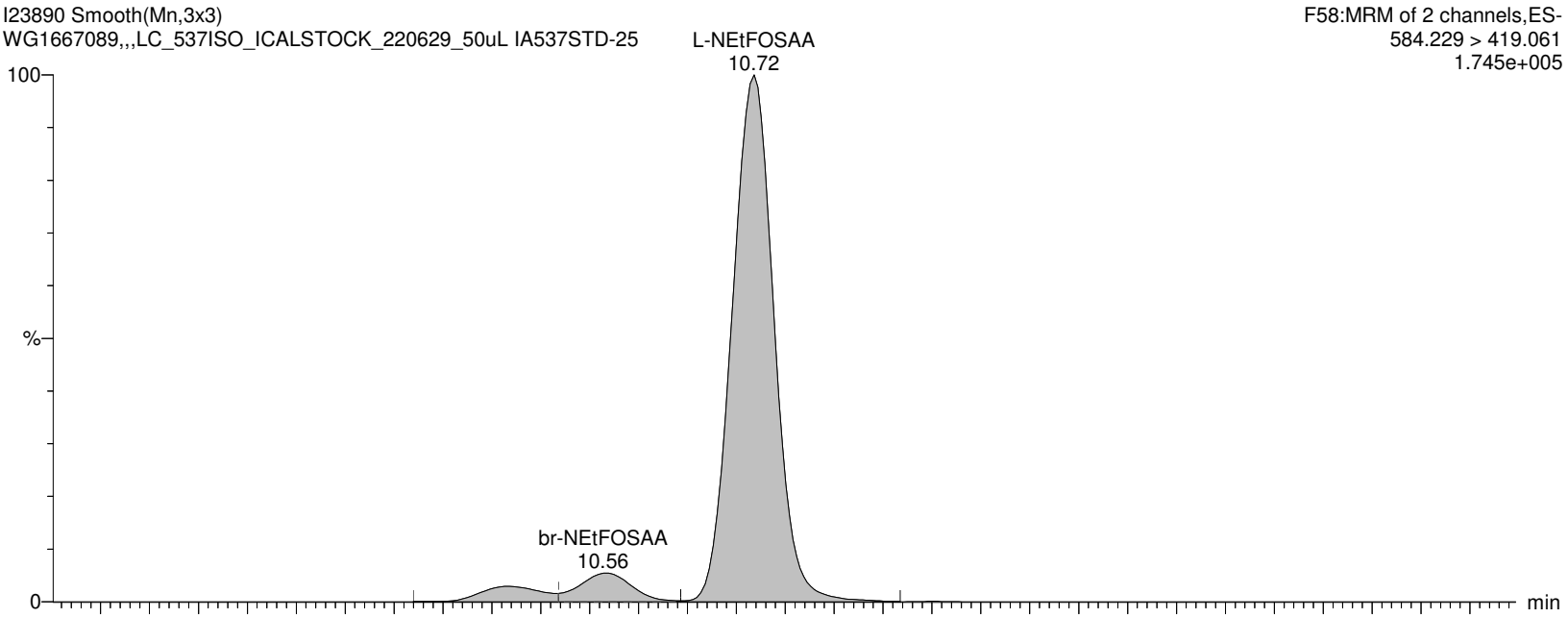


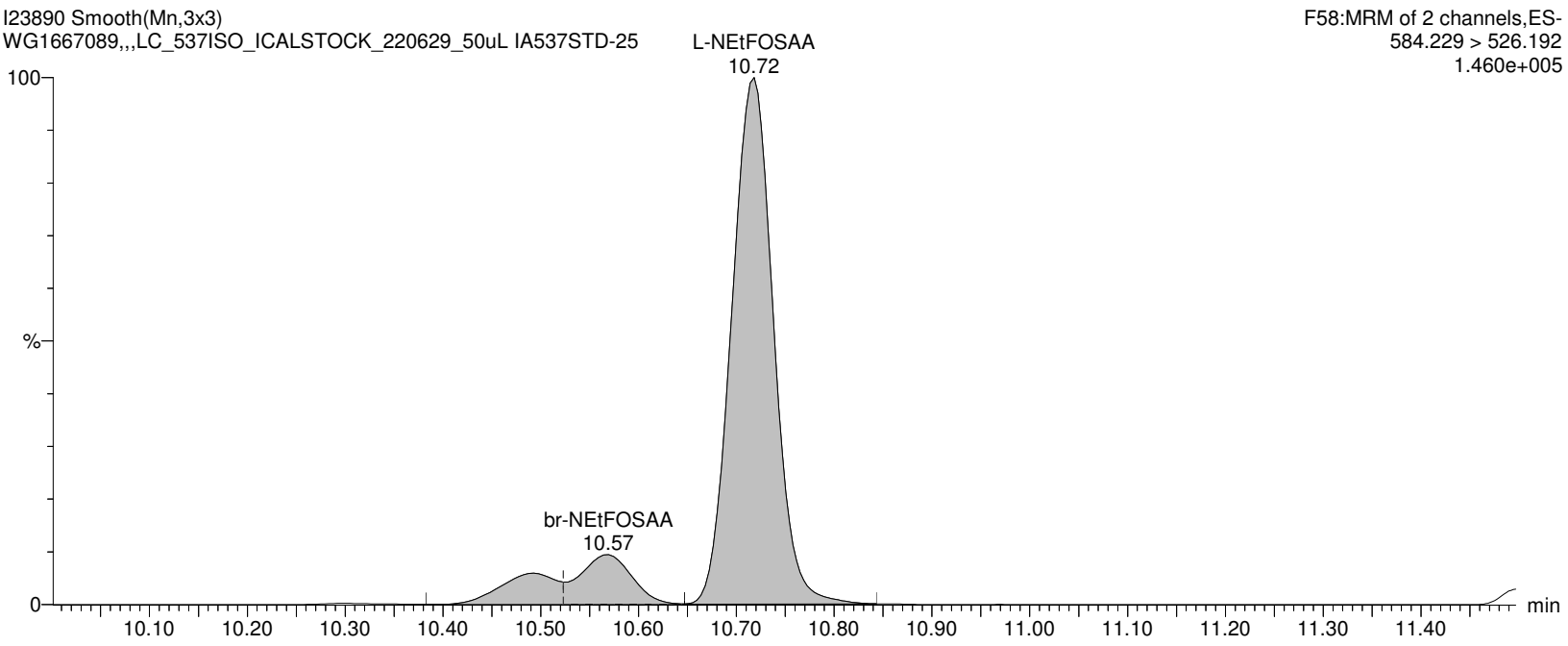
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NEtFOSAA



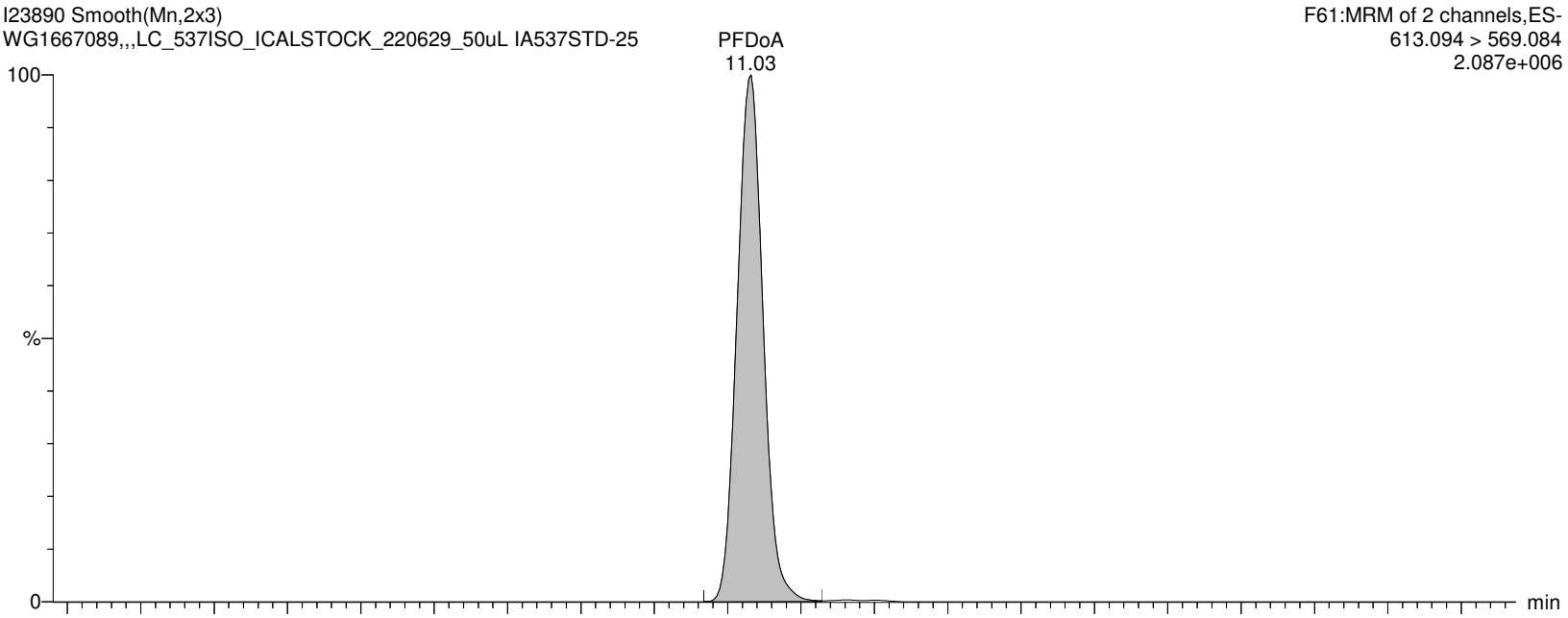


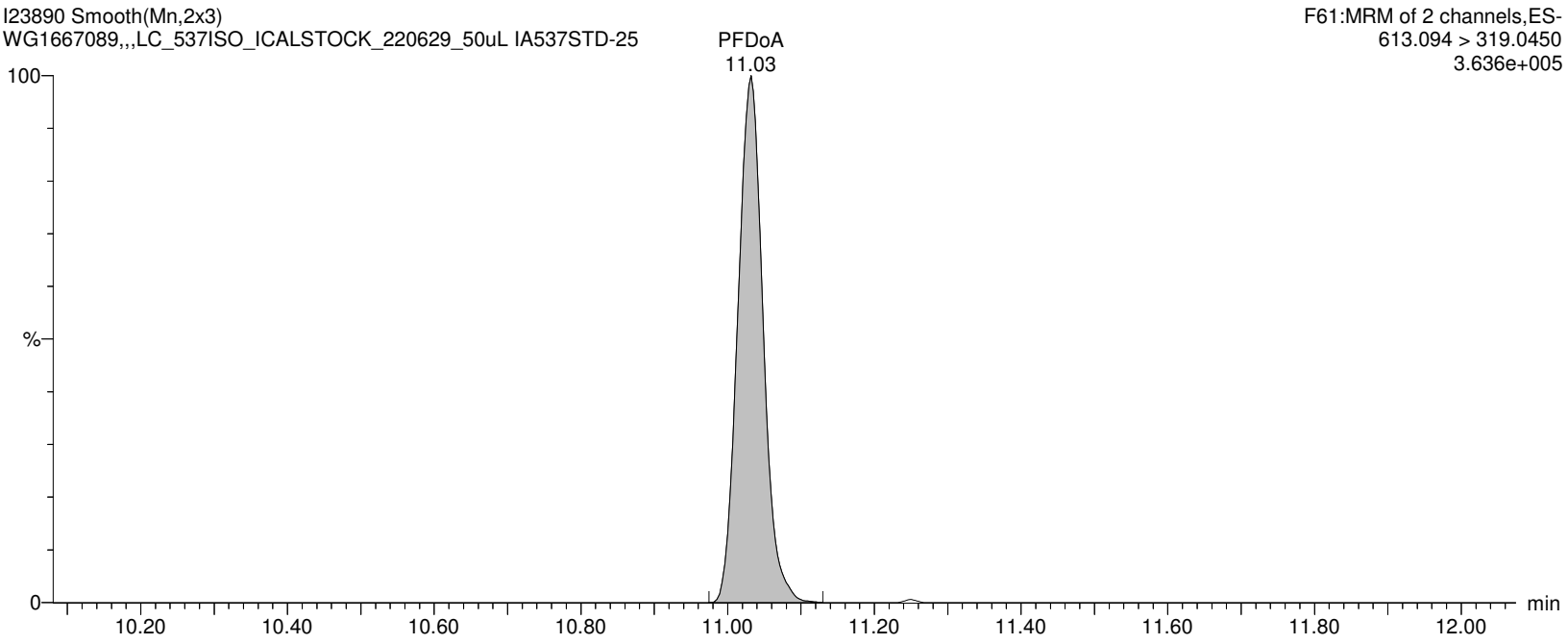
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFDoA



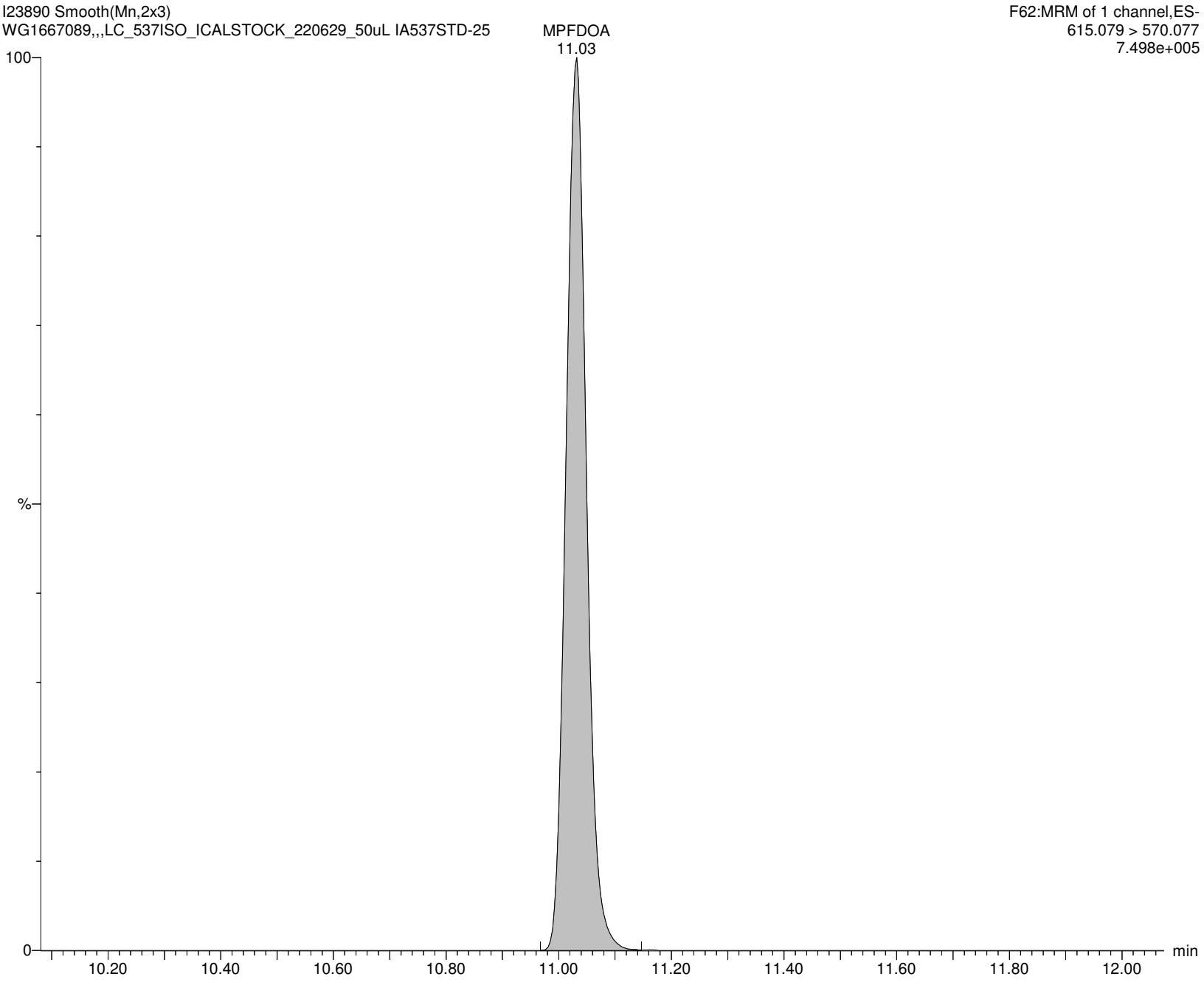


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

MPFDOA

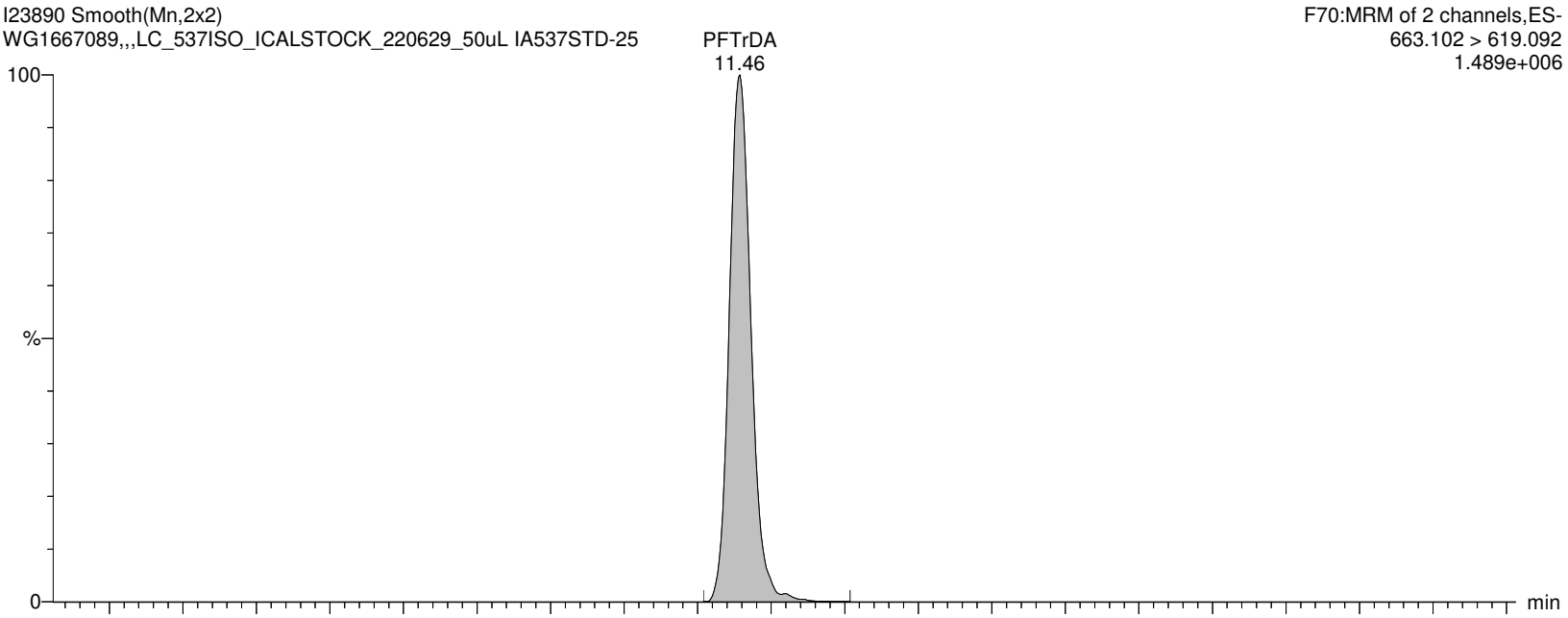


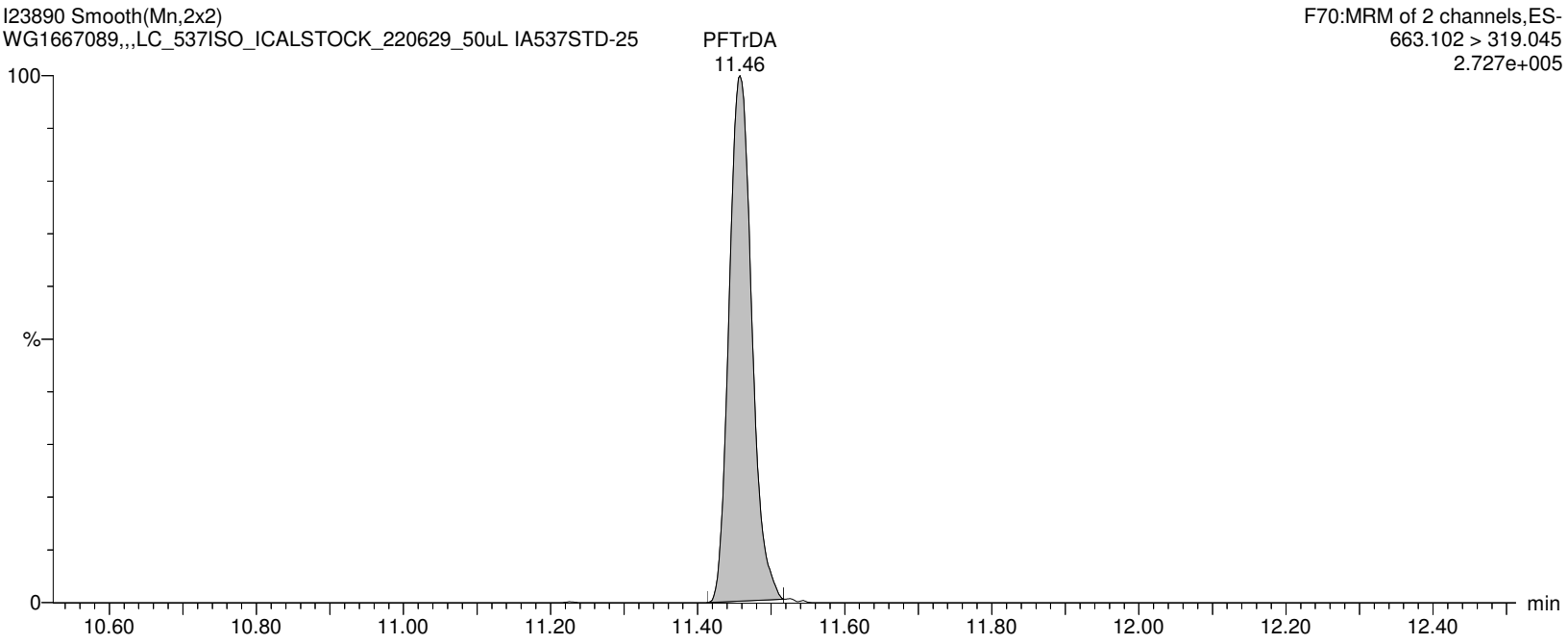
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFTrDA



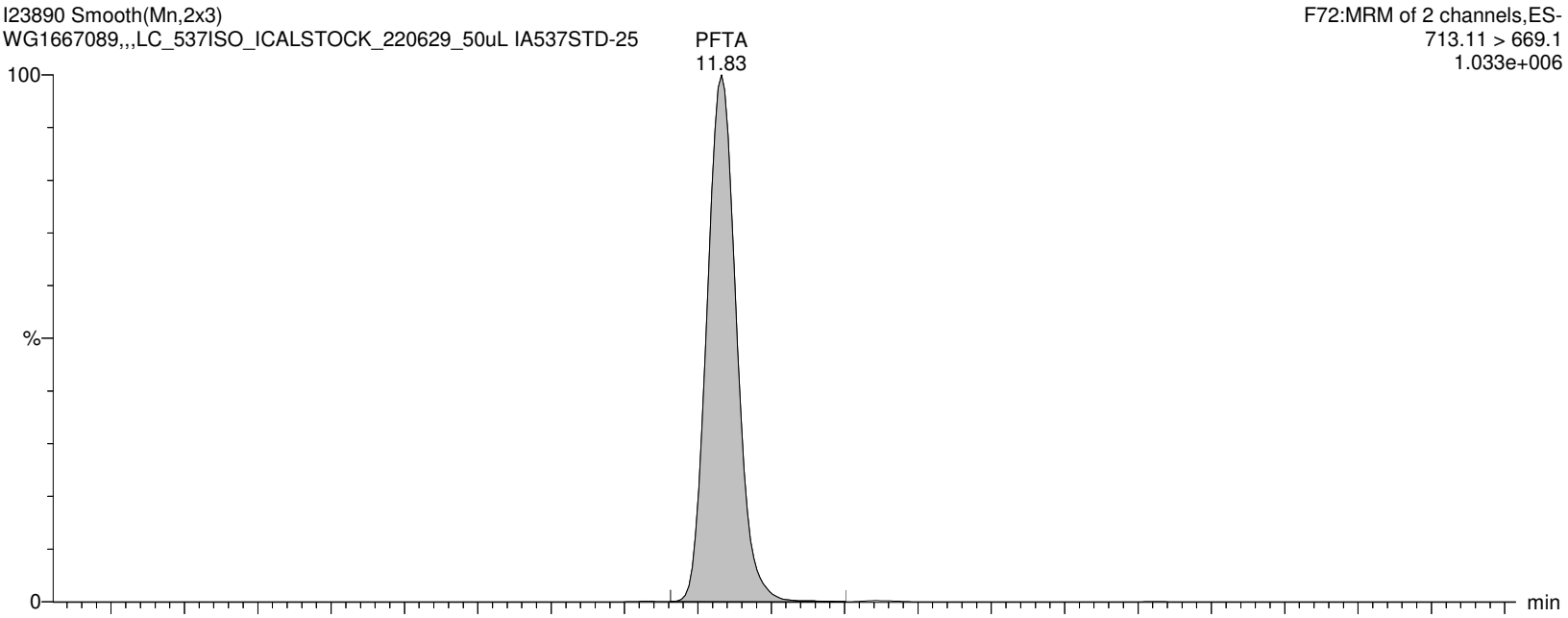


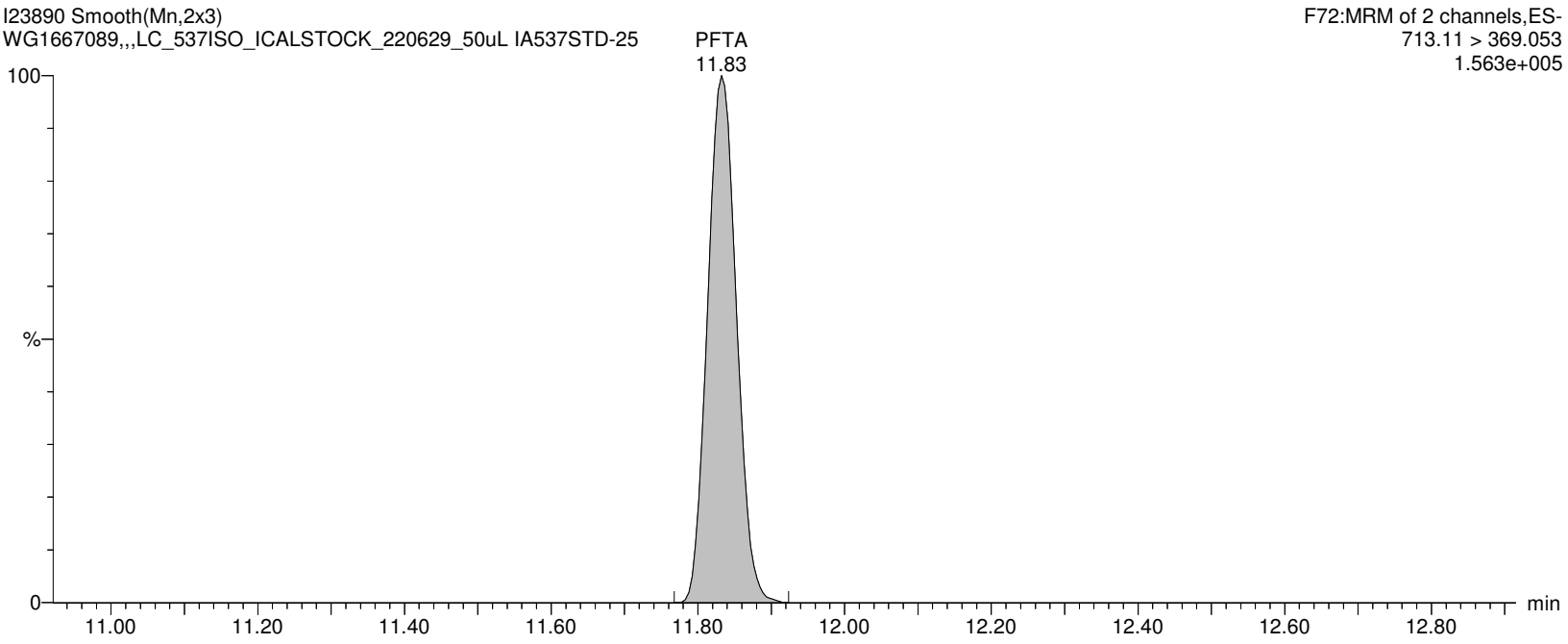
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFTA



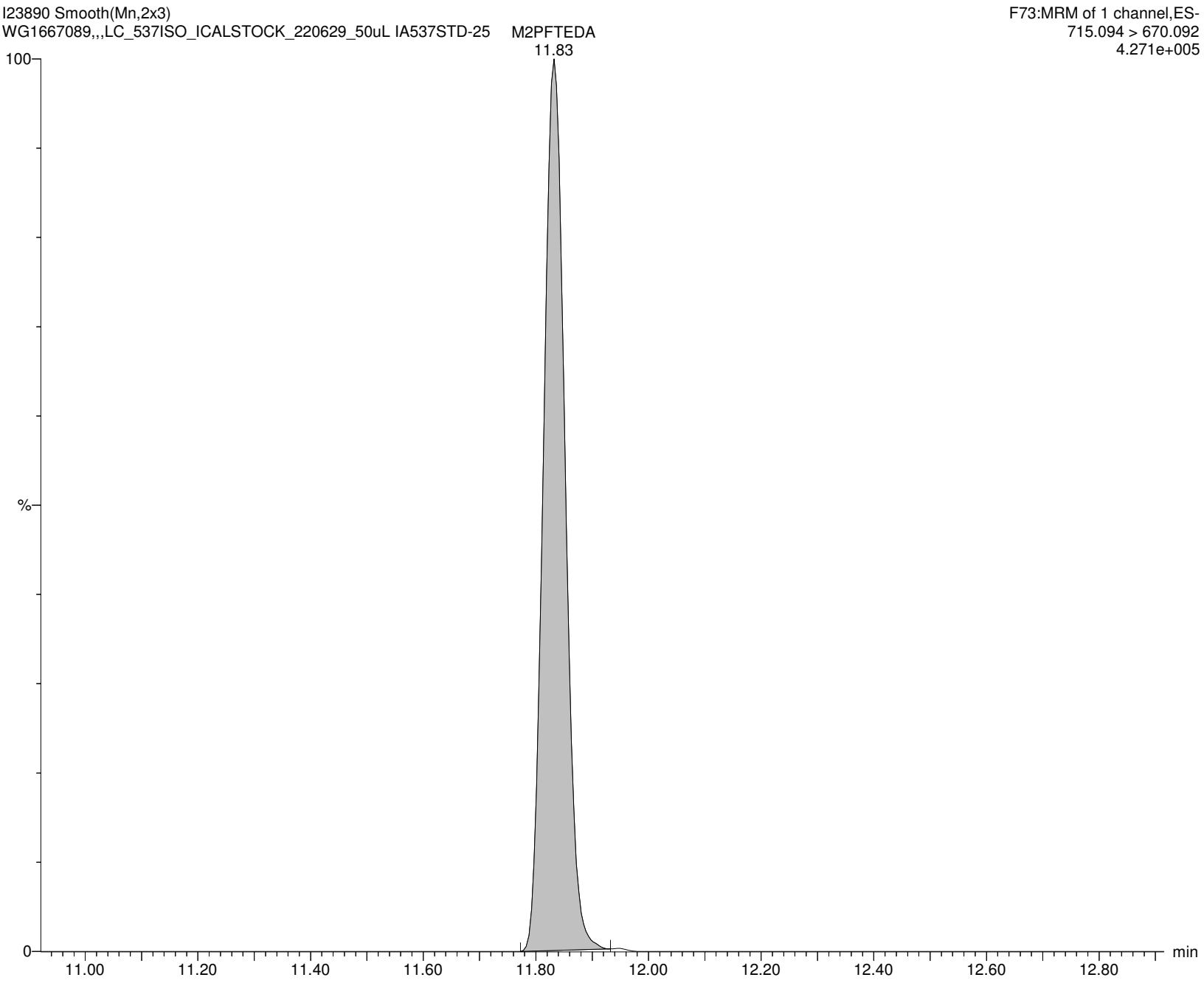


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2PFTEDA

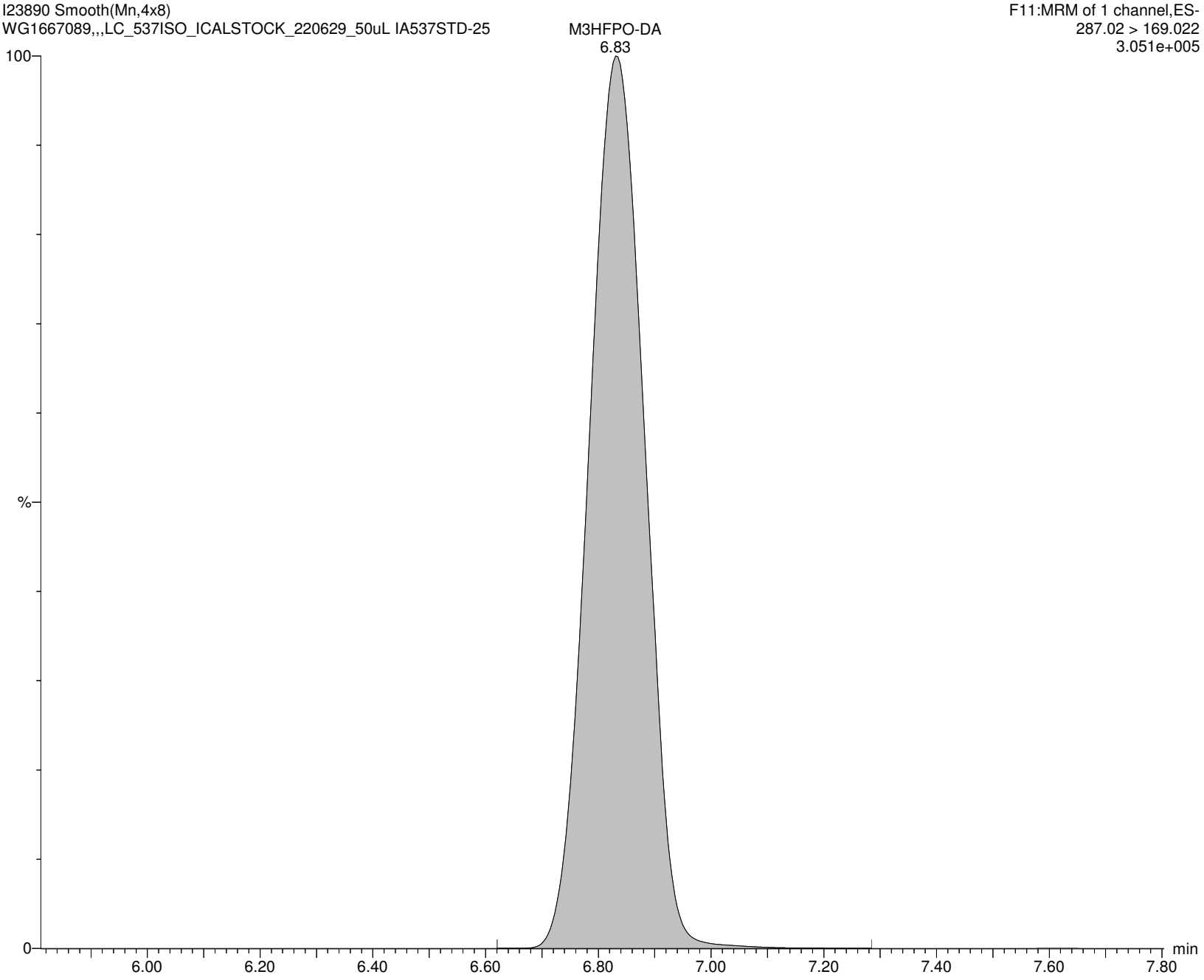


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M3HFPO-DA

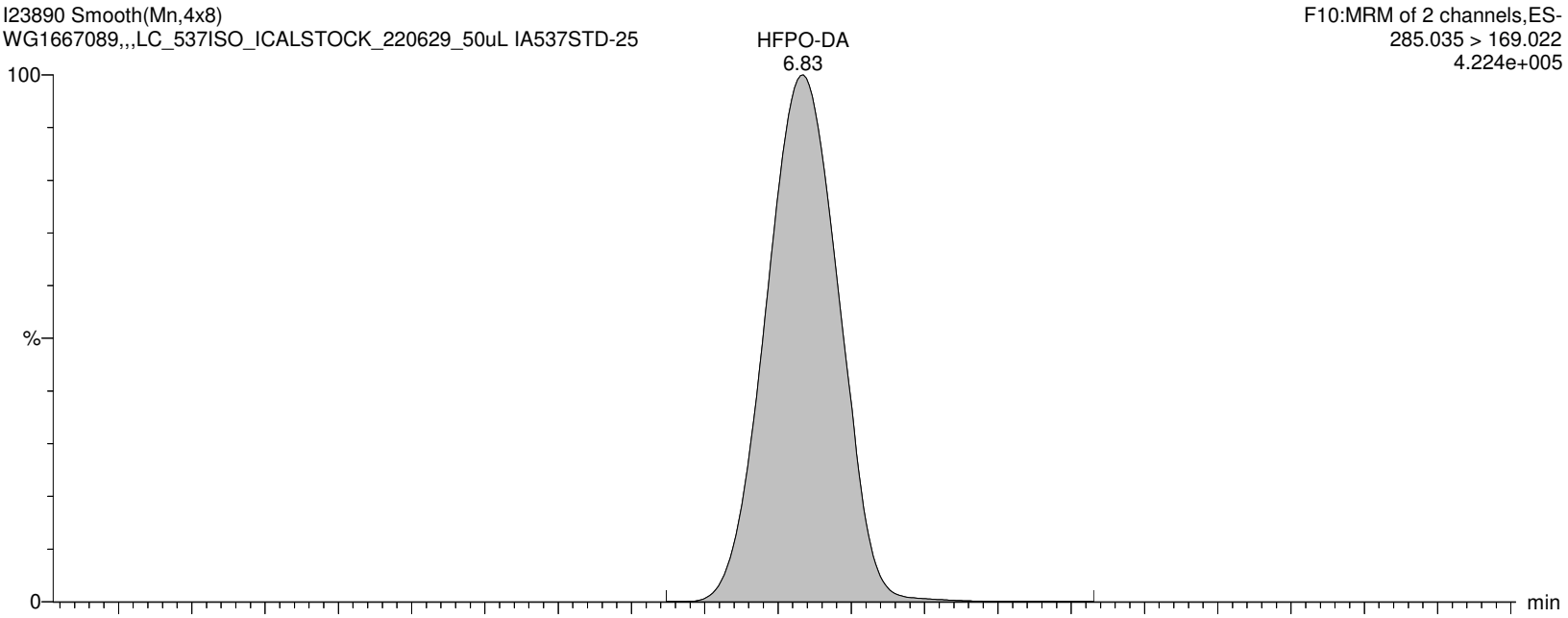


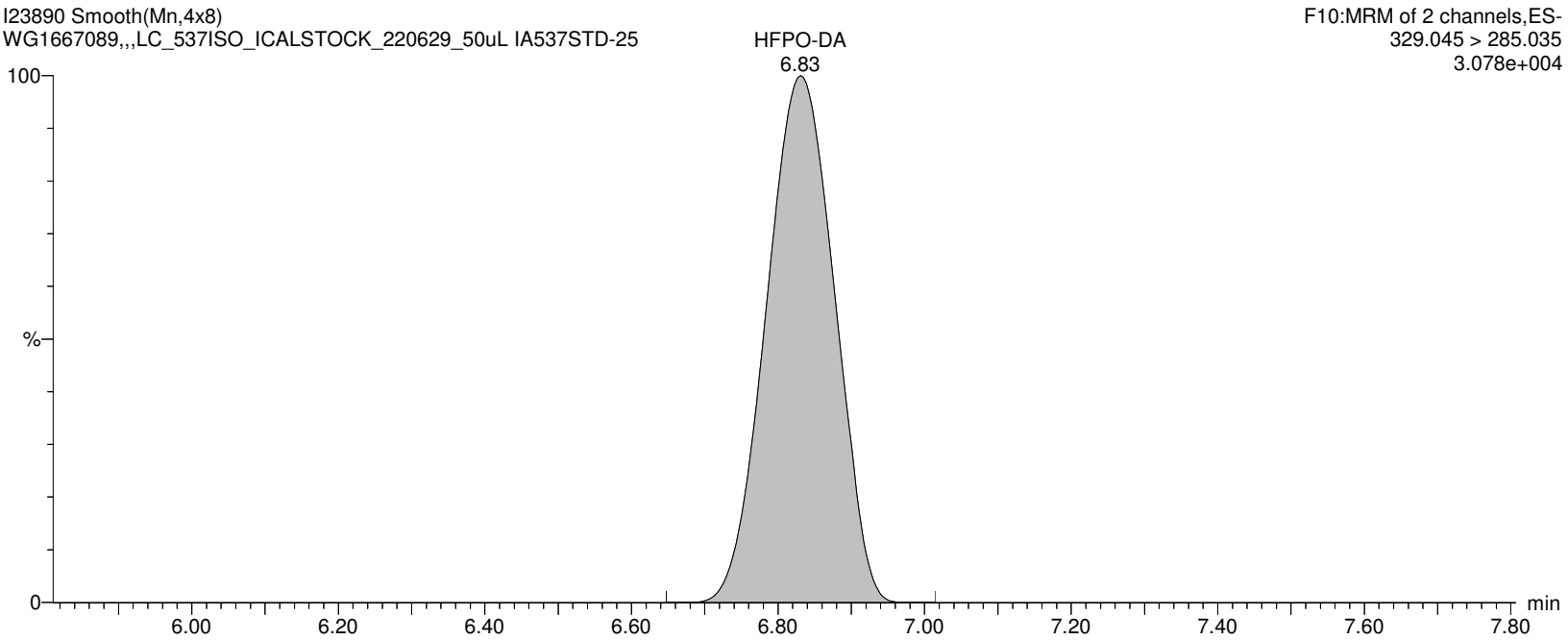
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

HFPO-DA



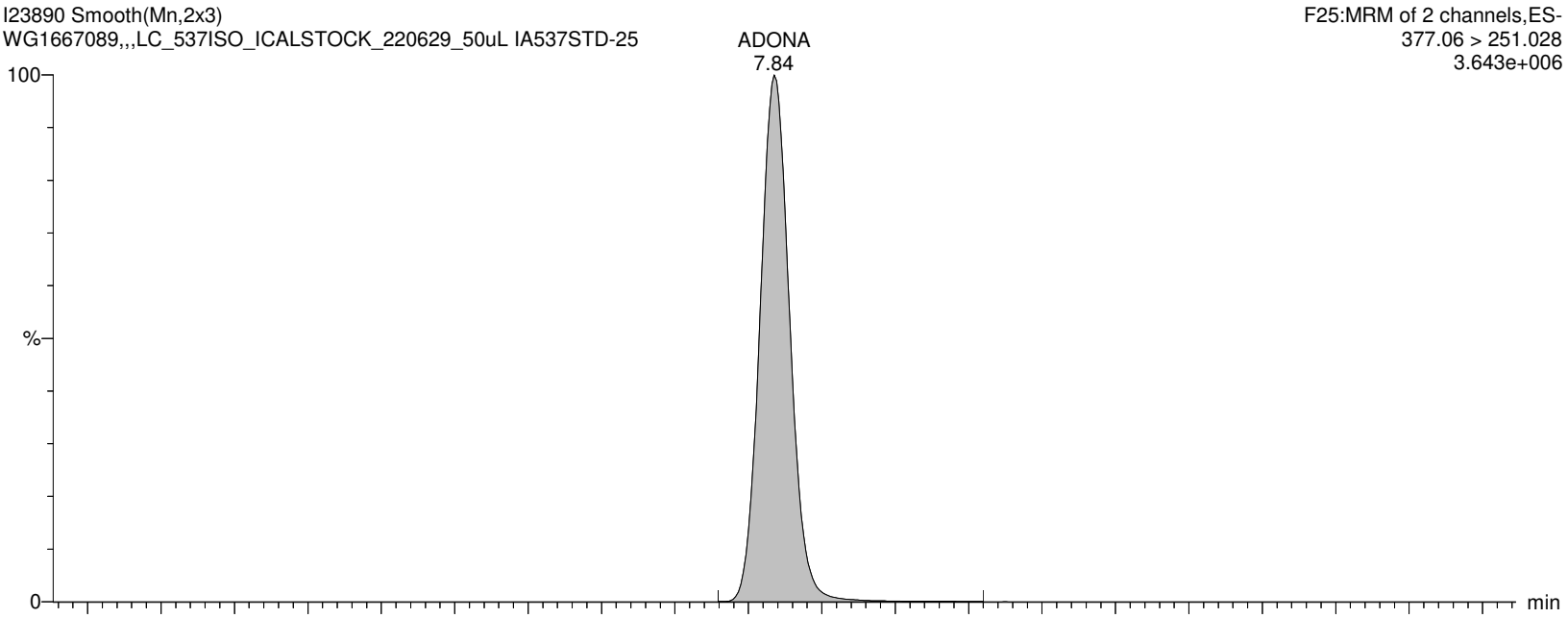


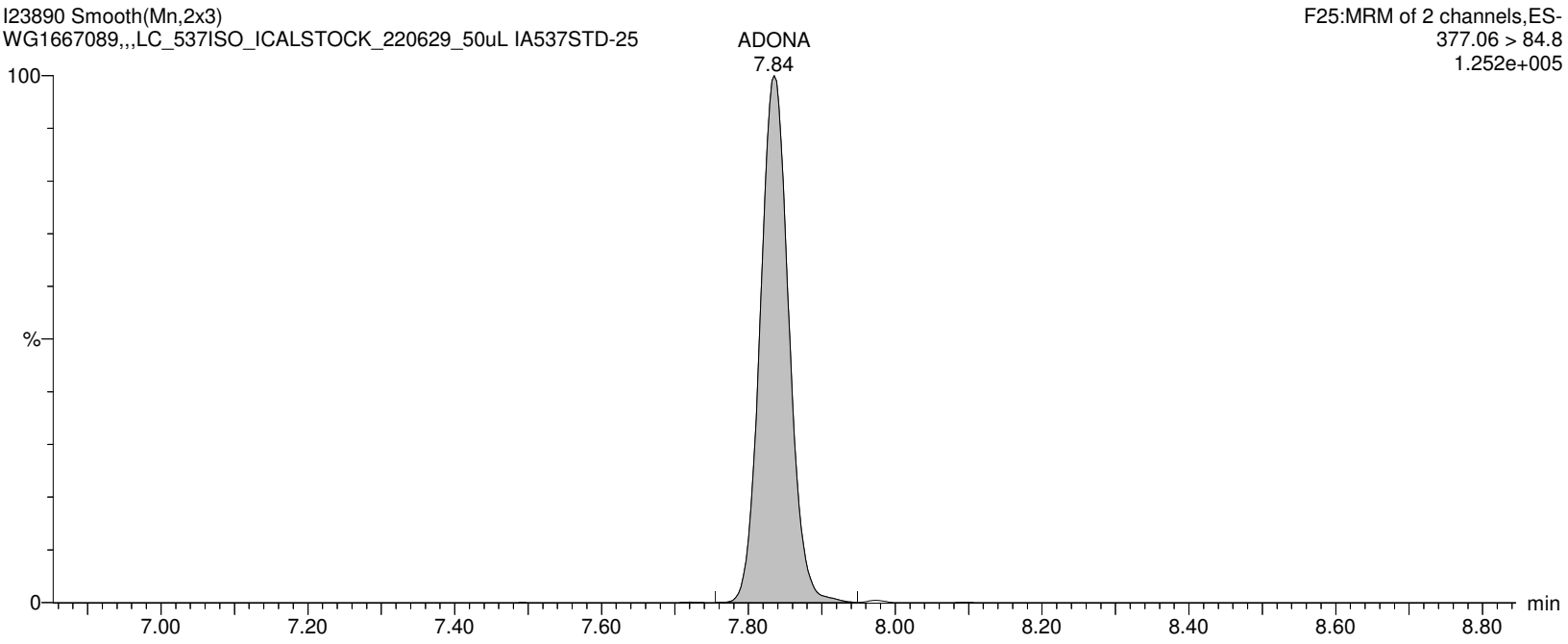
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

ADONA



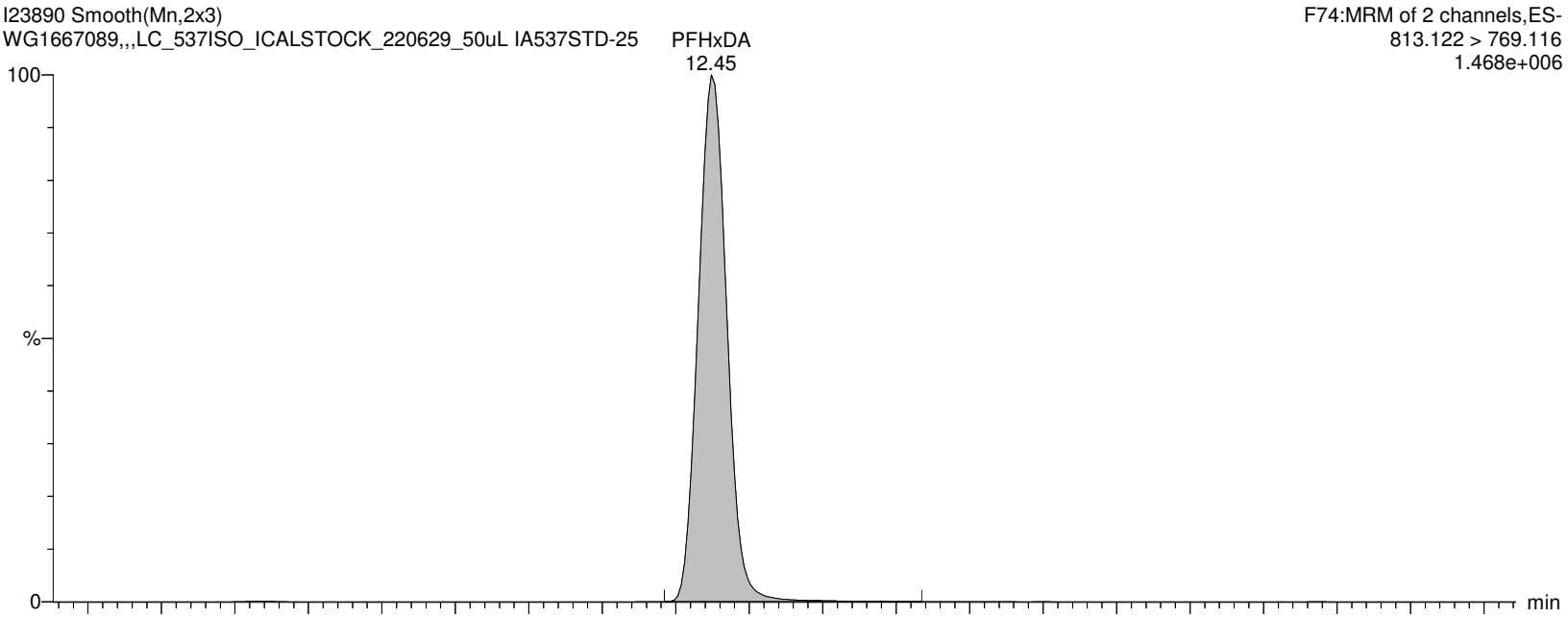


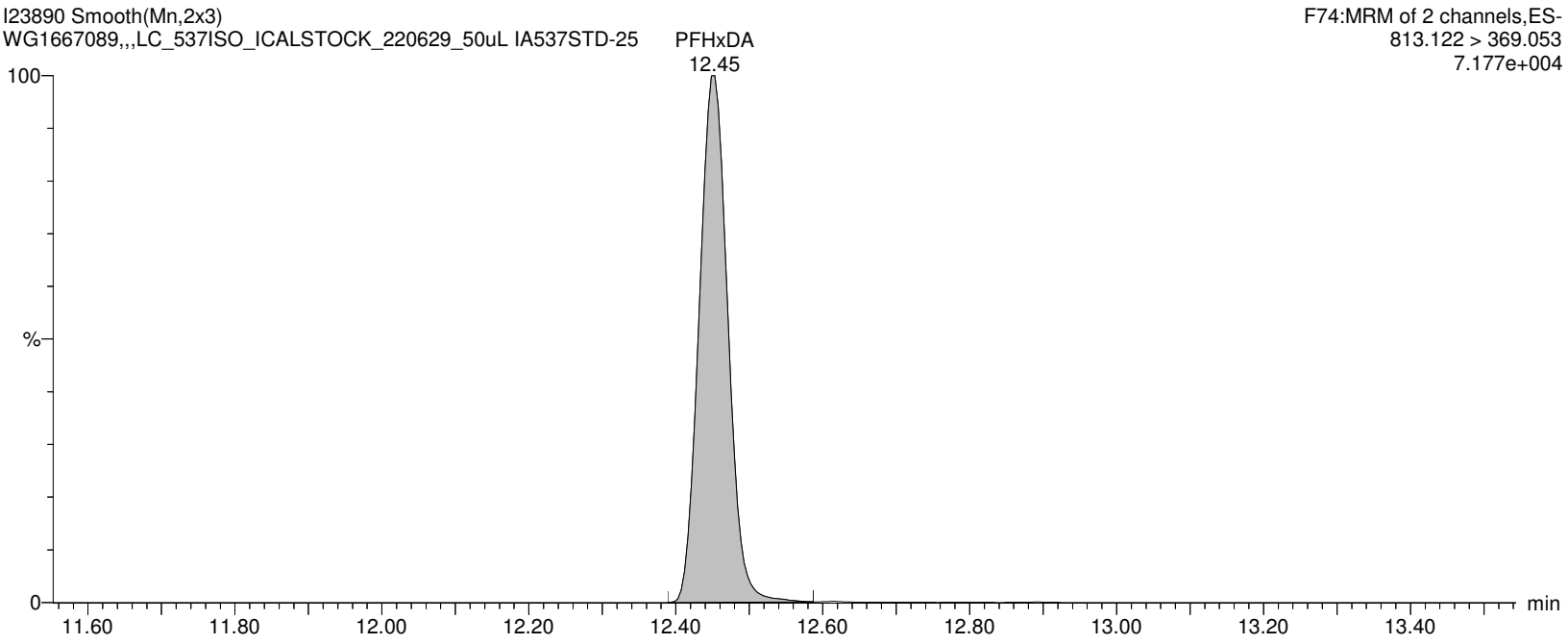
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFHxDA



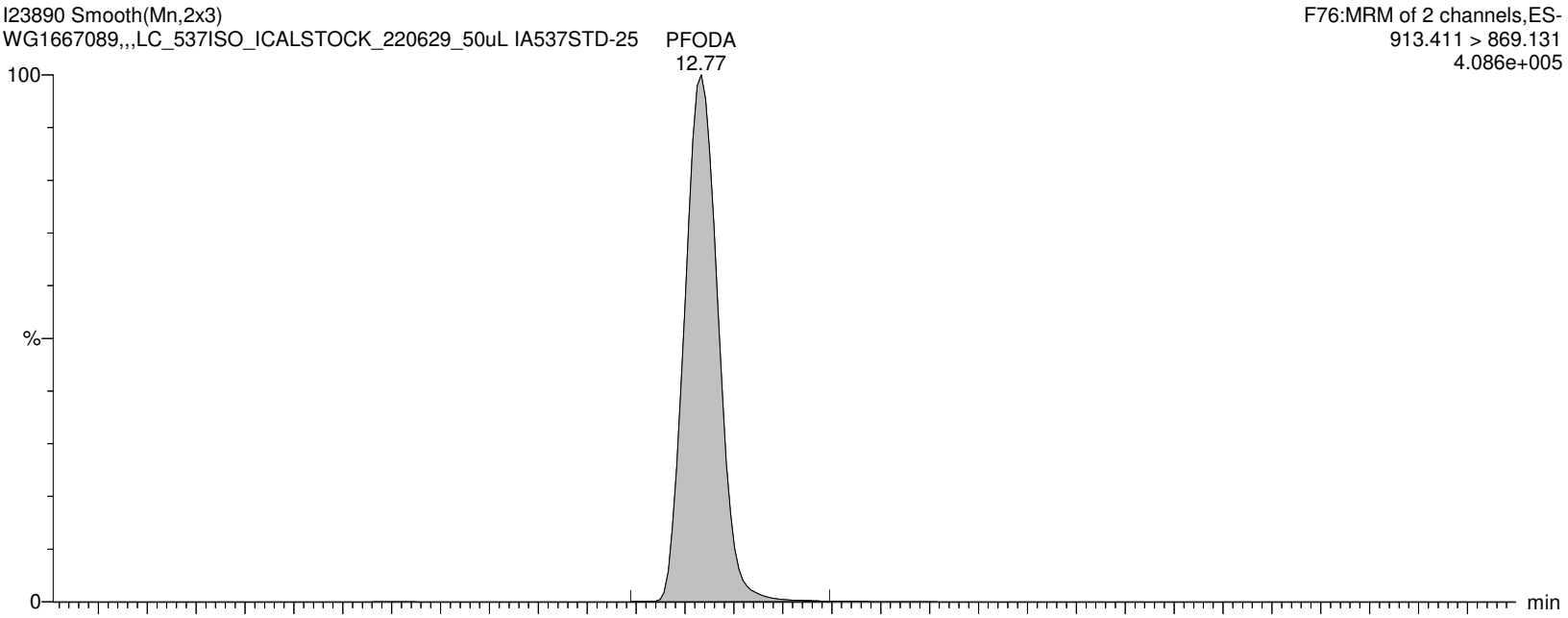


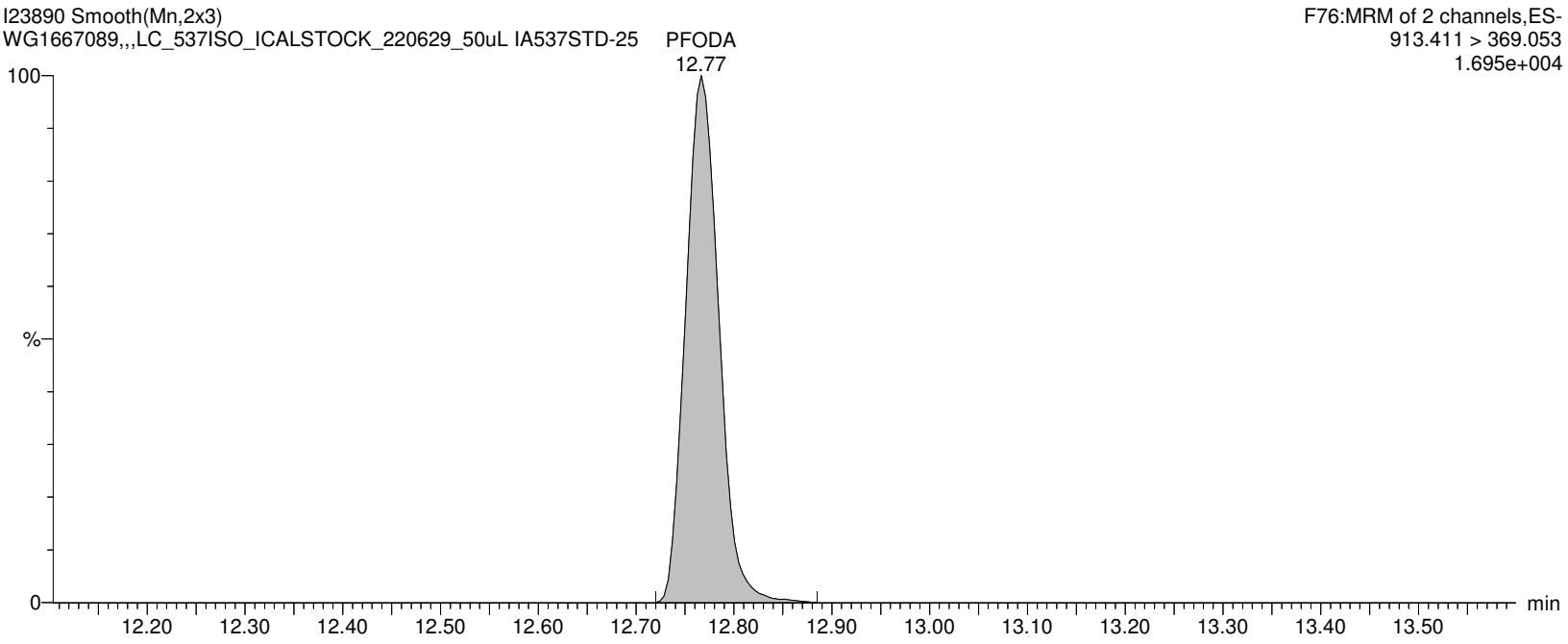
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFODA



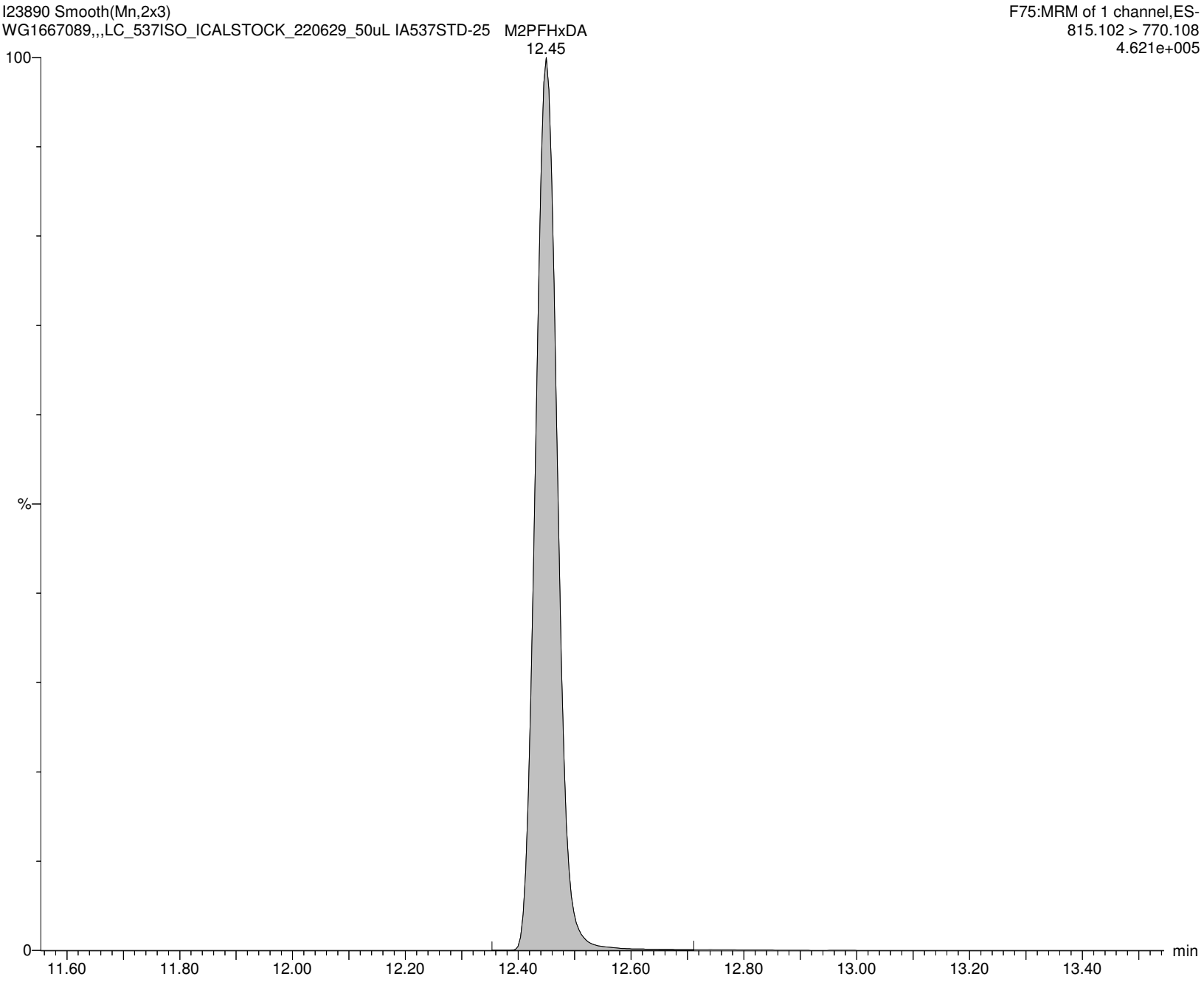


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2PFHxDA

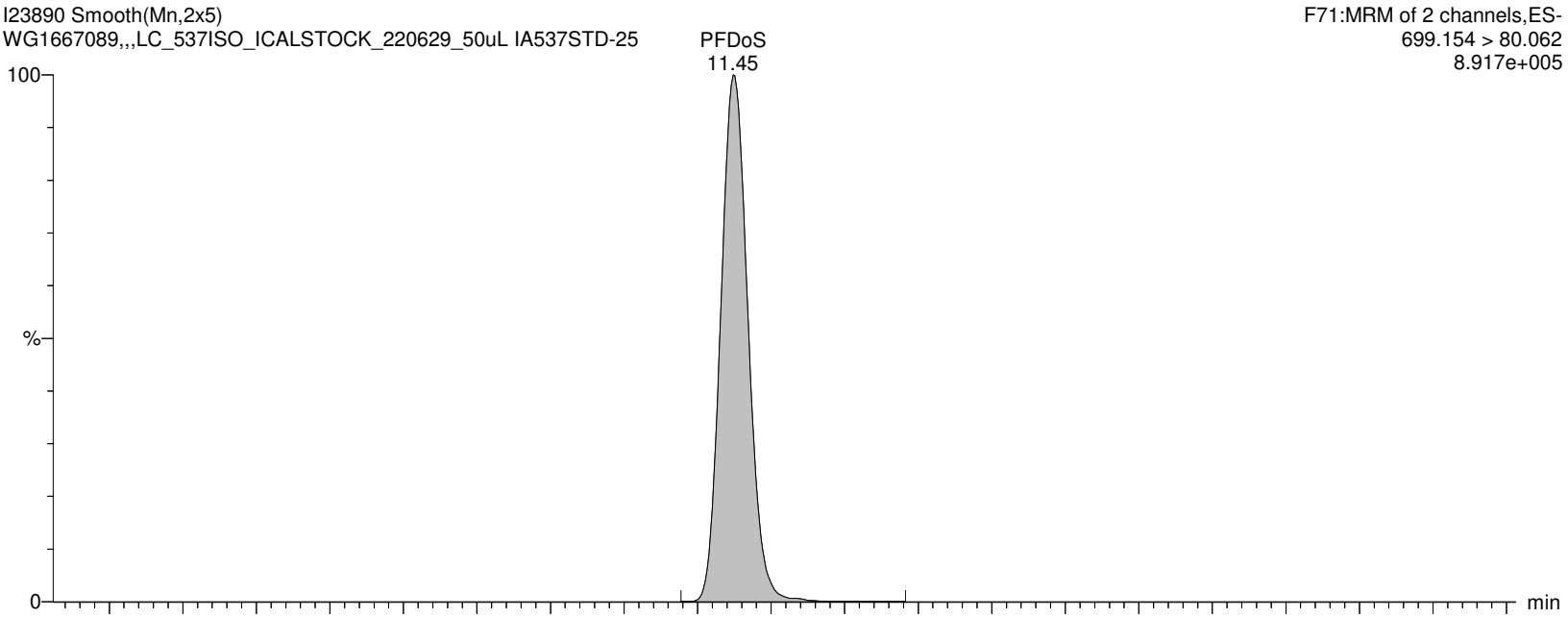


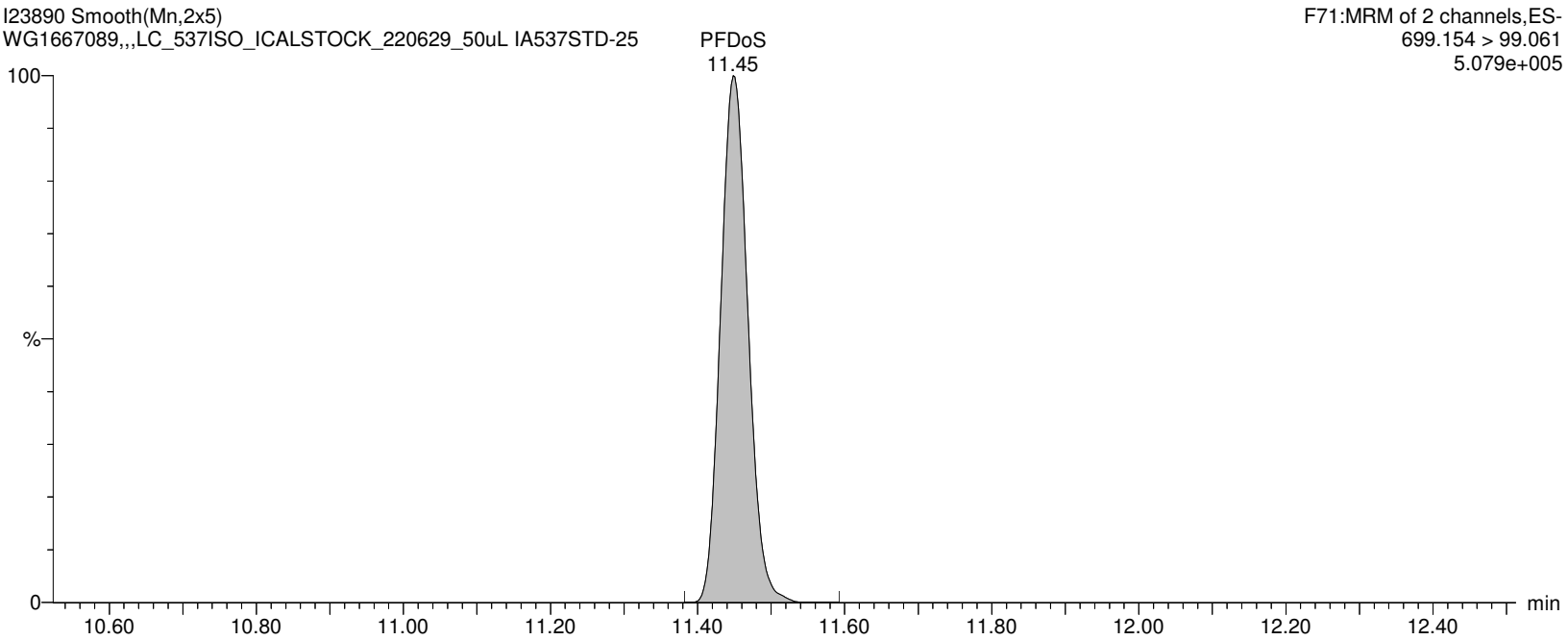
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFDoS



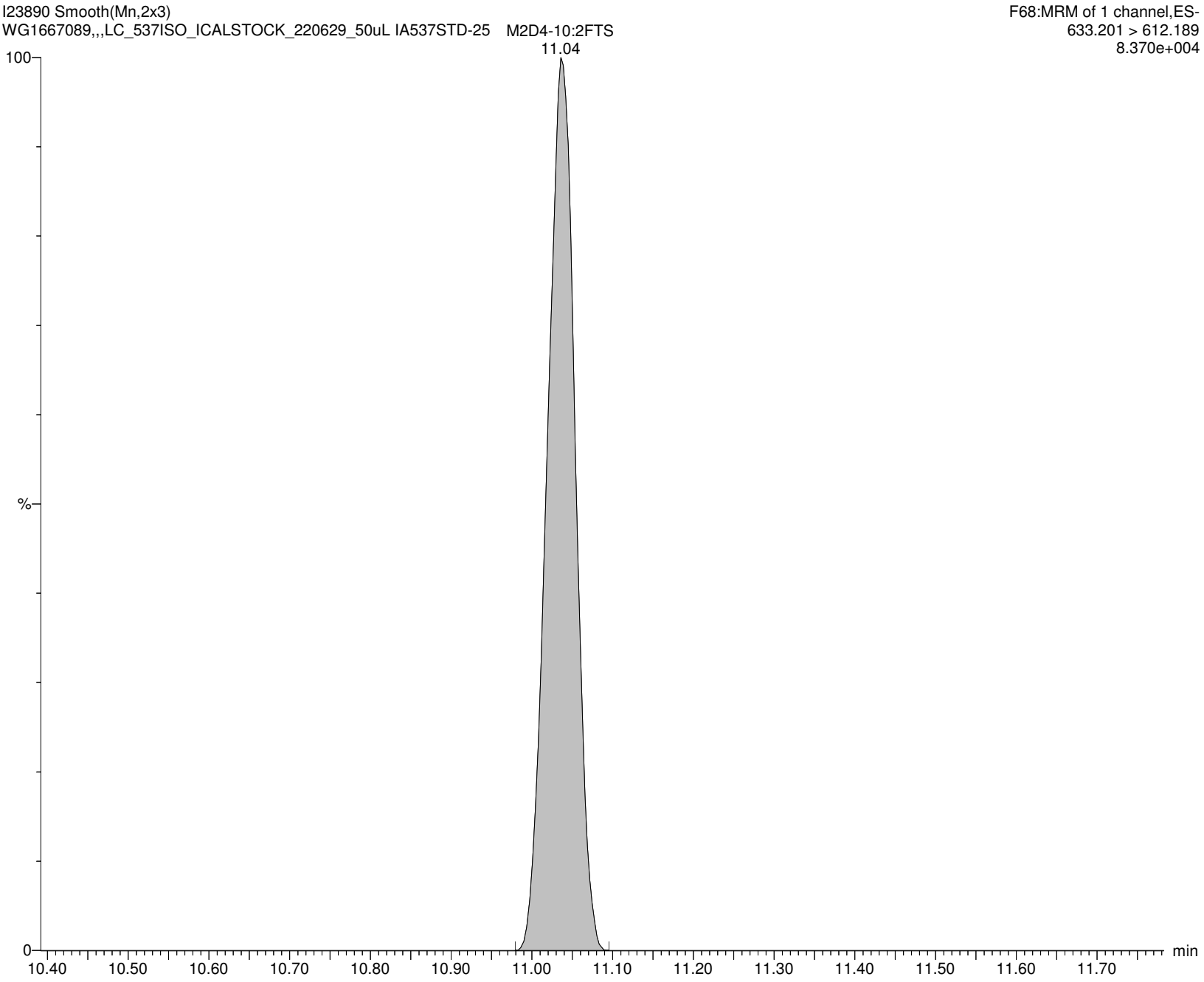


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2D4-10:2FTS

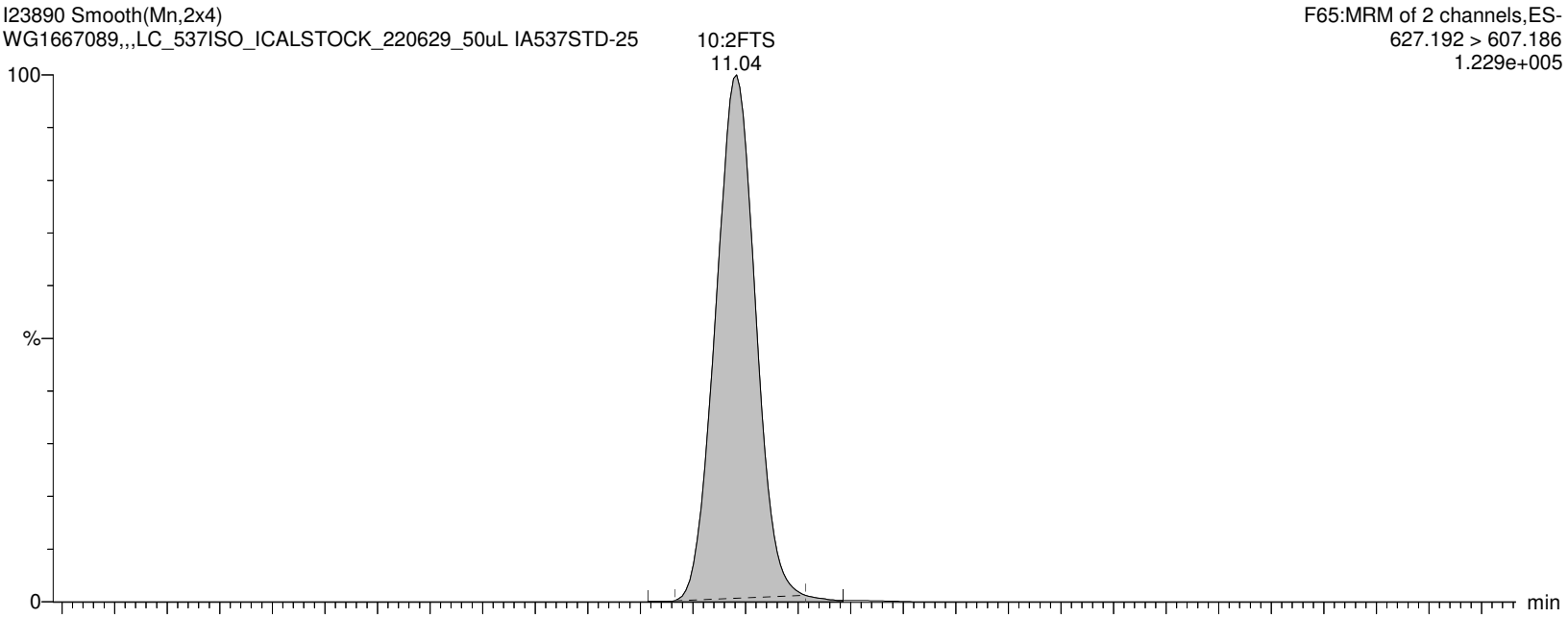


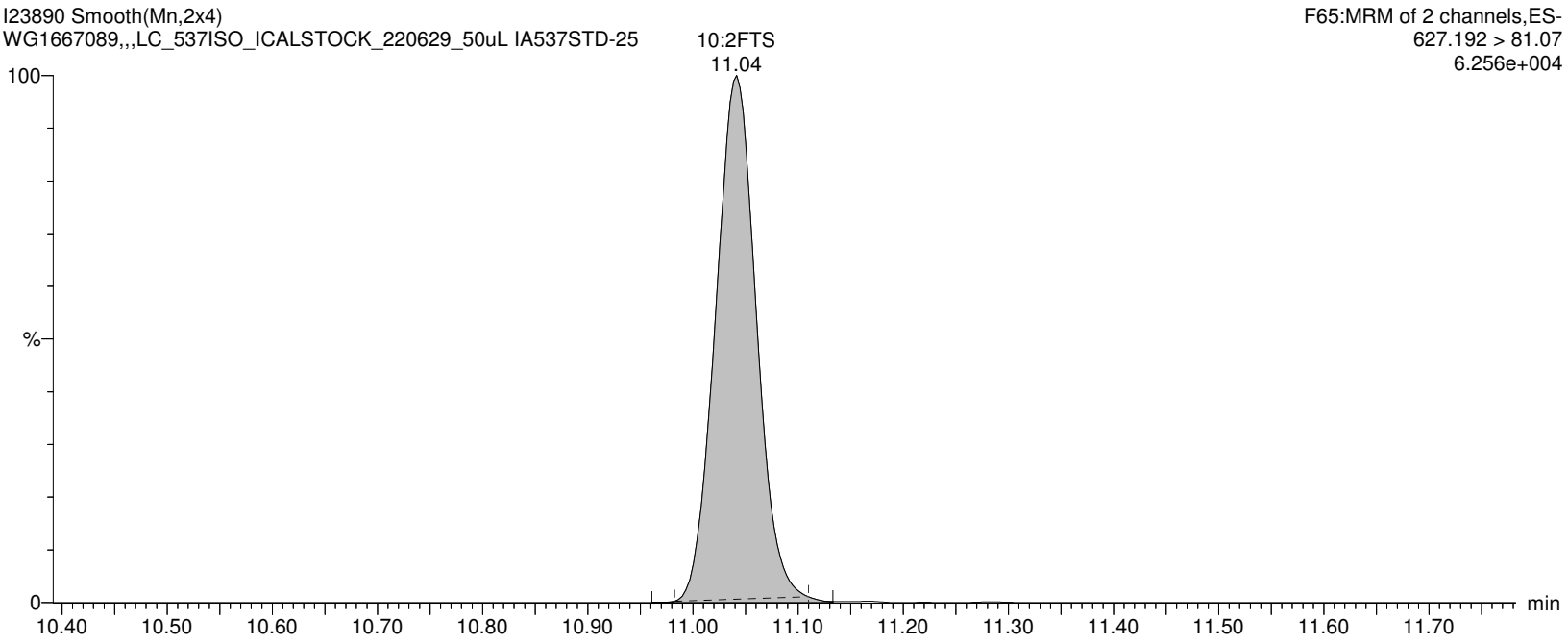
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

10:2FTS



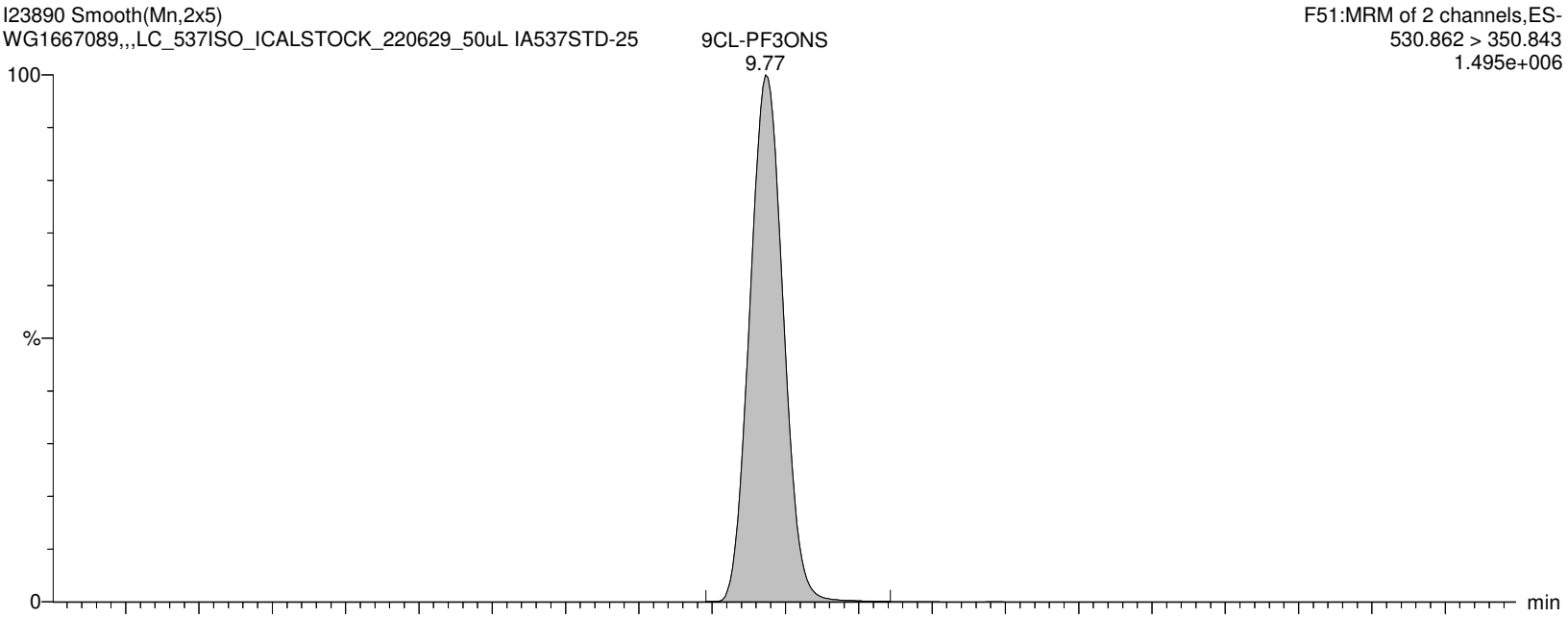


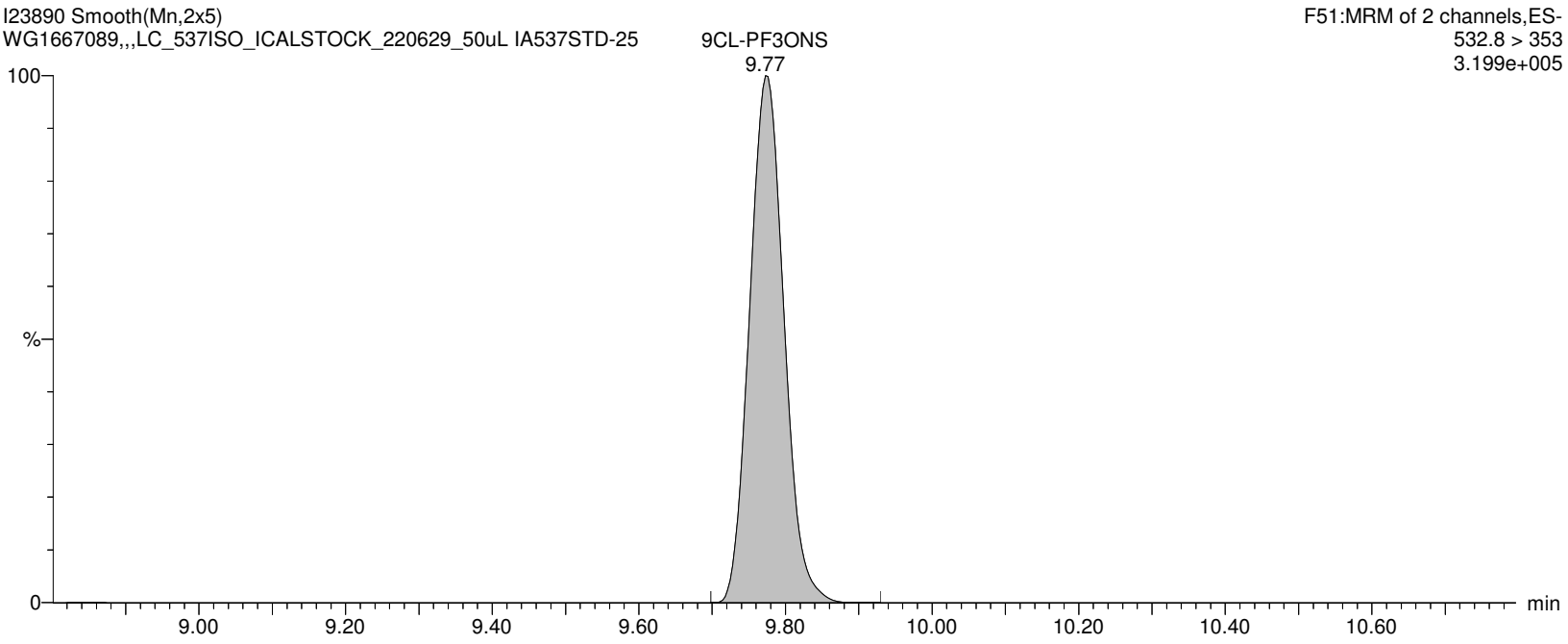
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

9CL-PF3ONS



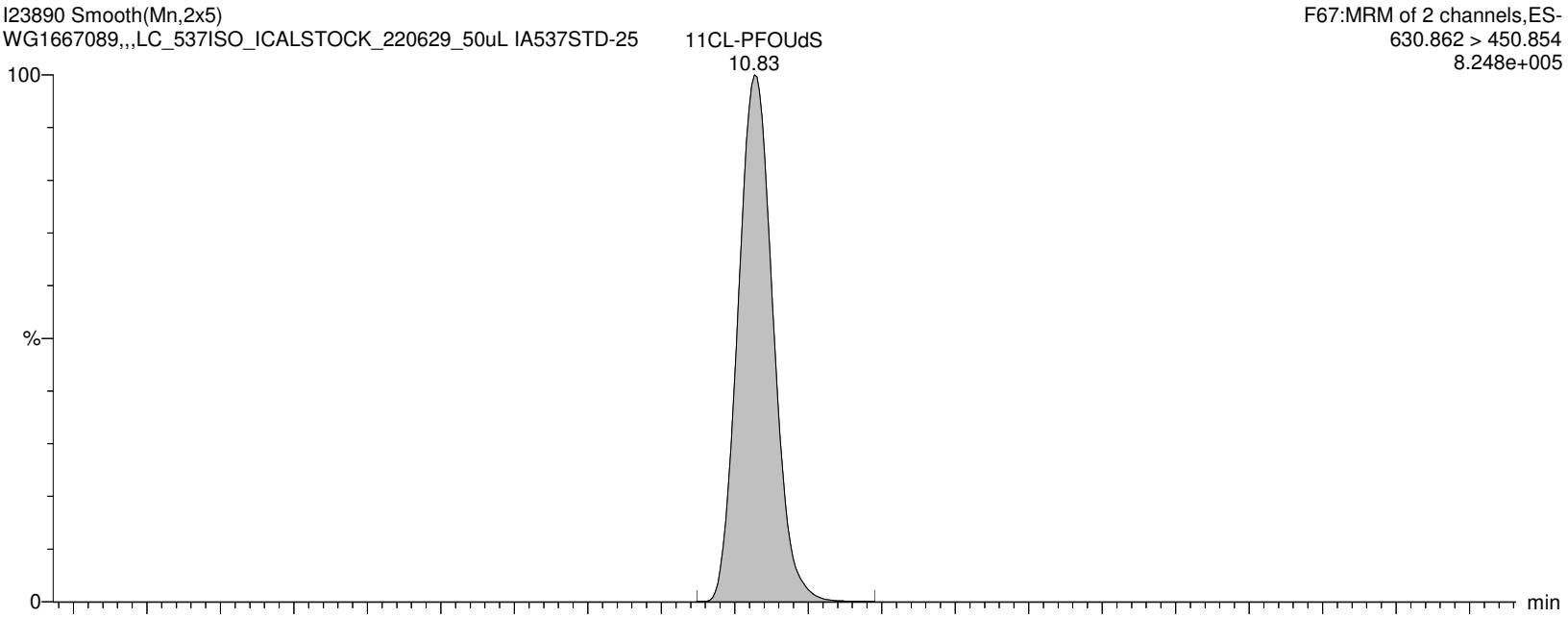


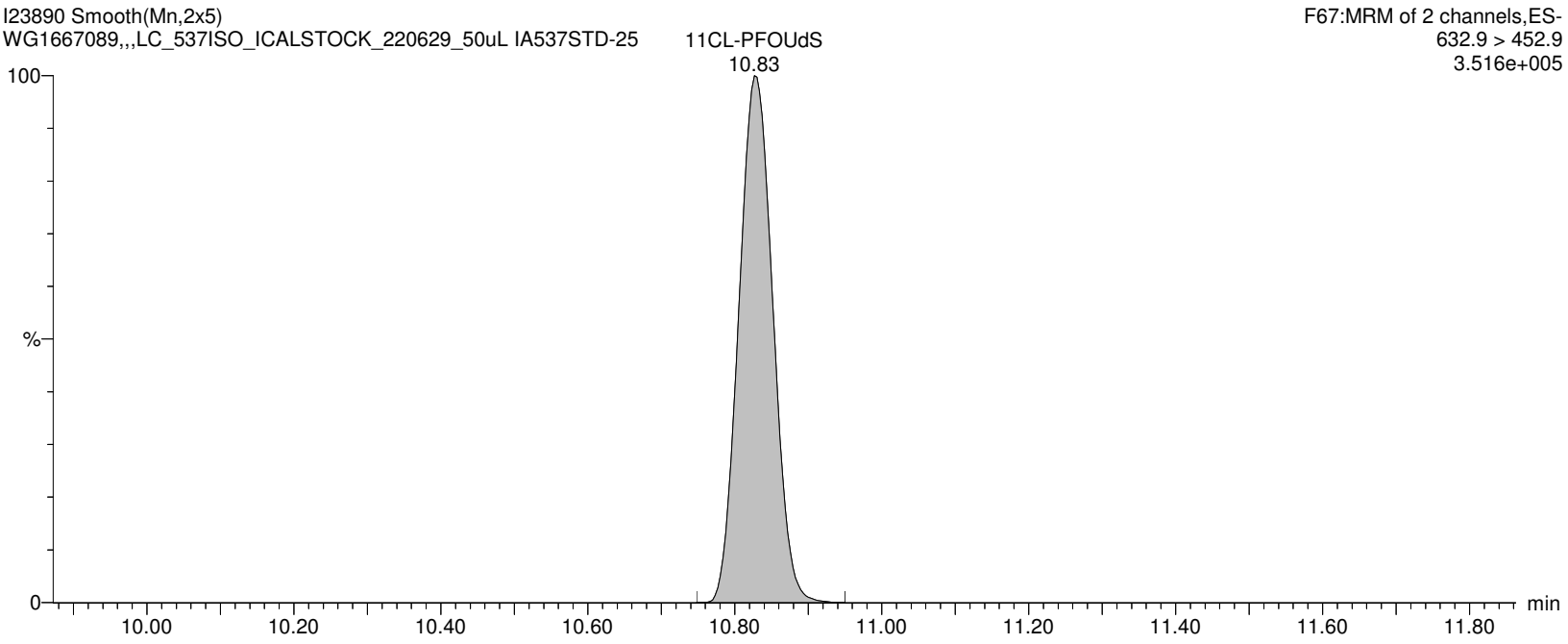
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

11CL-PFOUdS



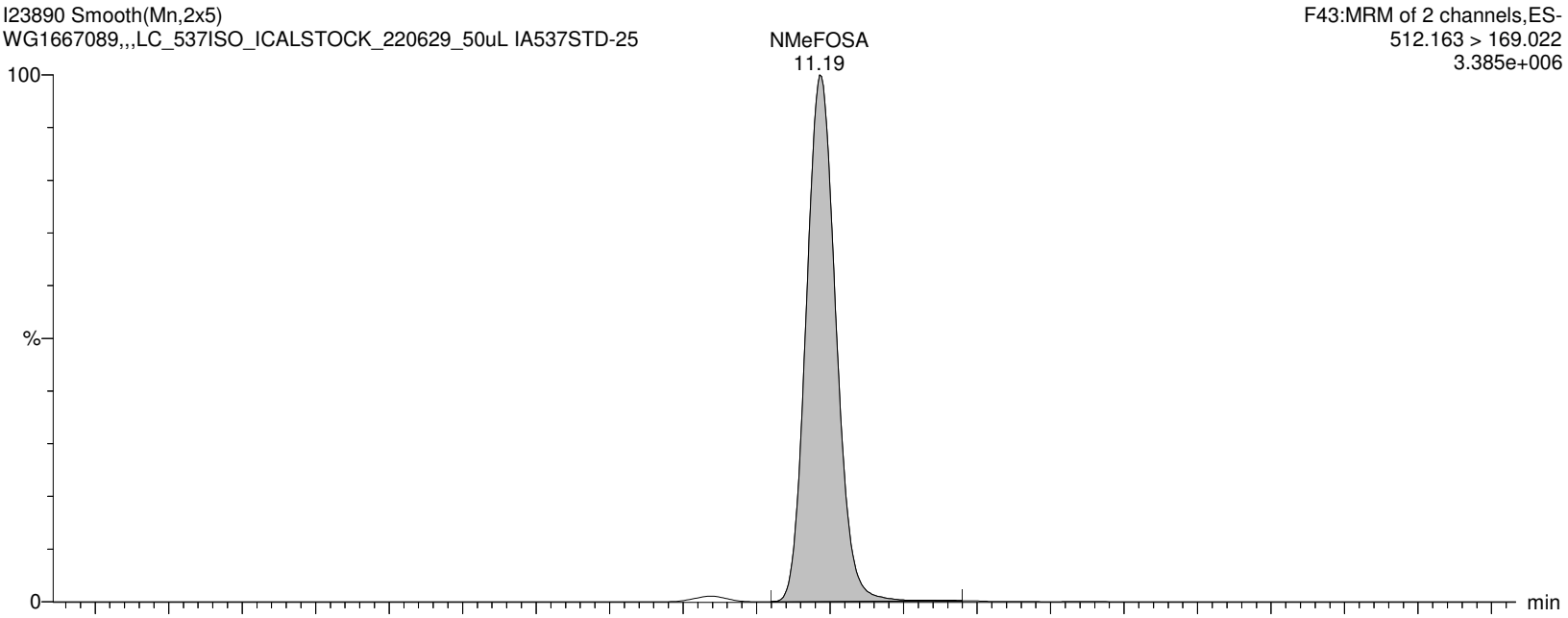


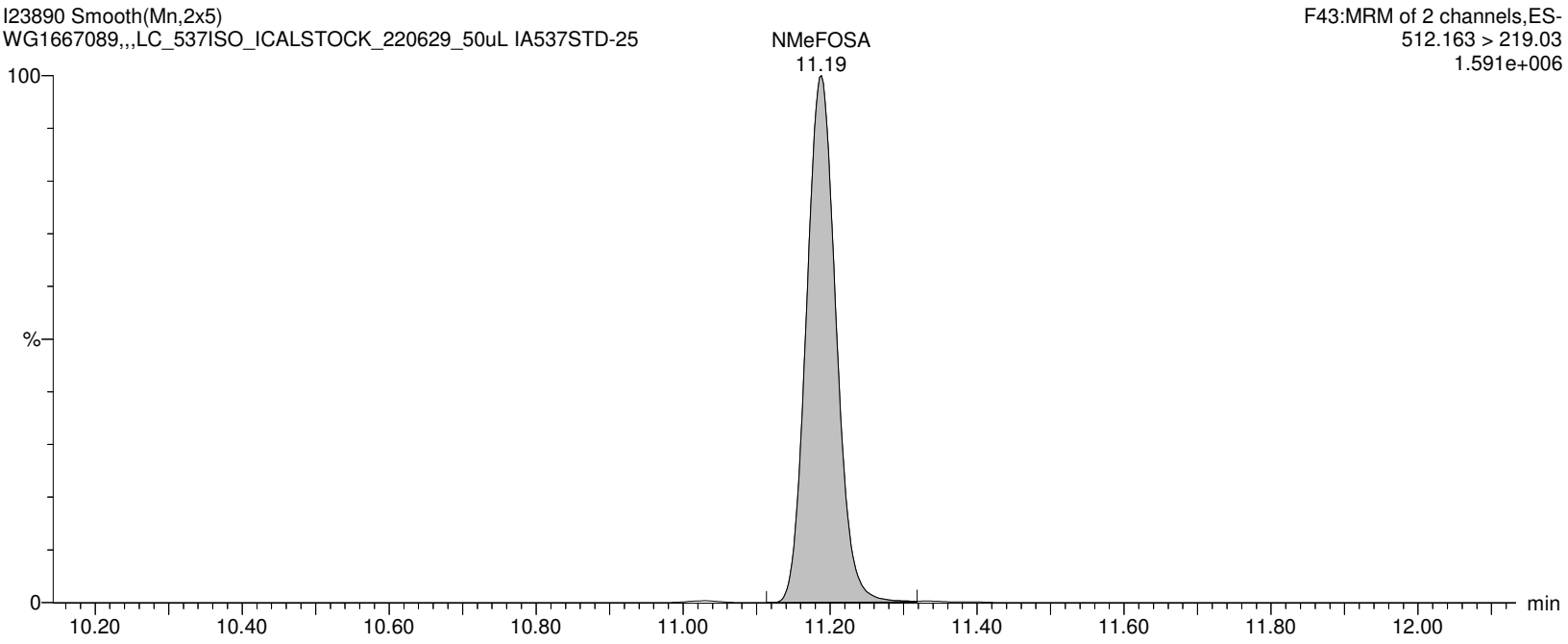
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NMeFOSA



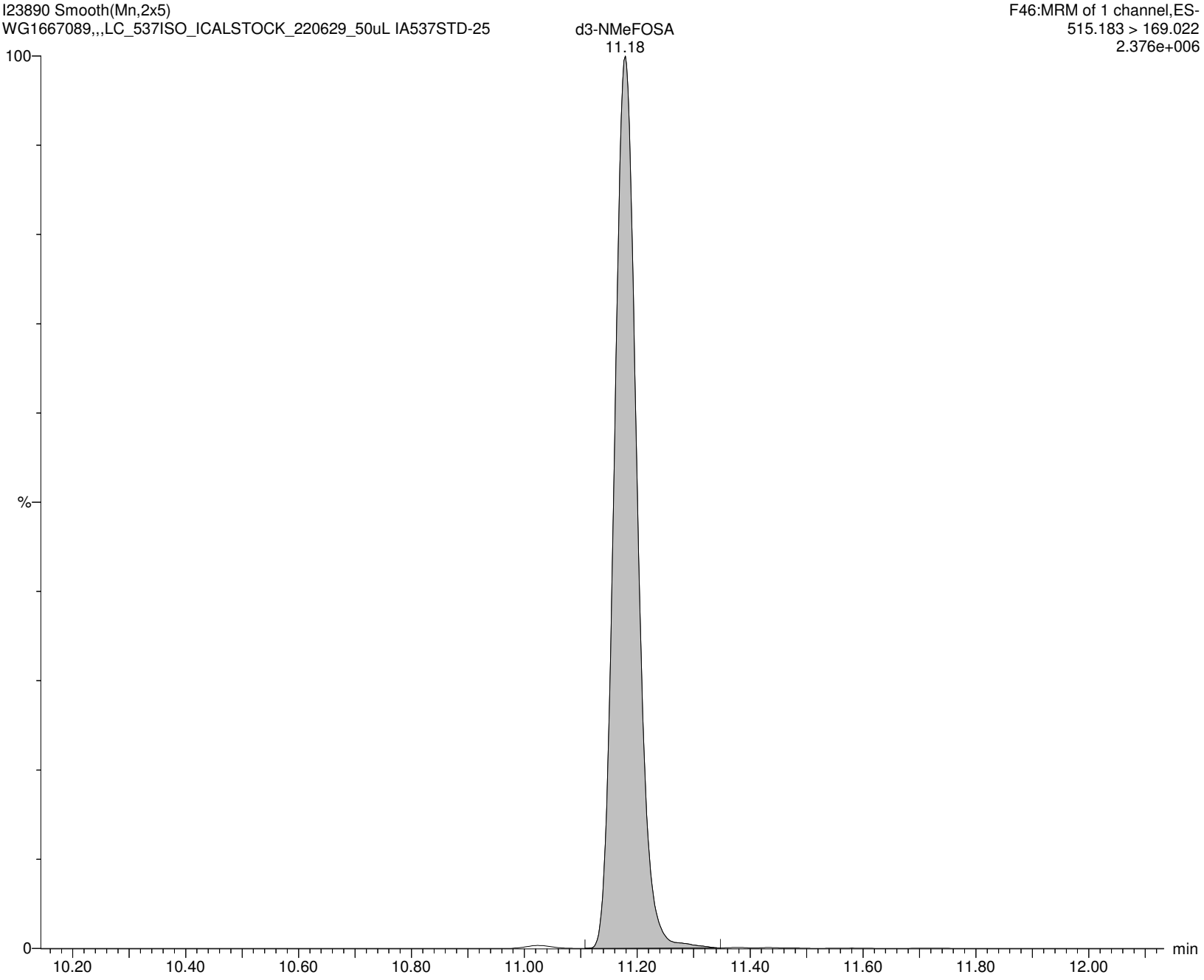


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

d3-NMeFOSA

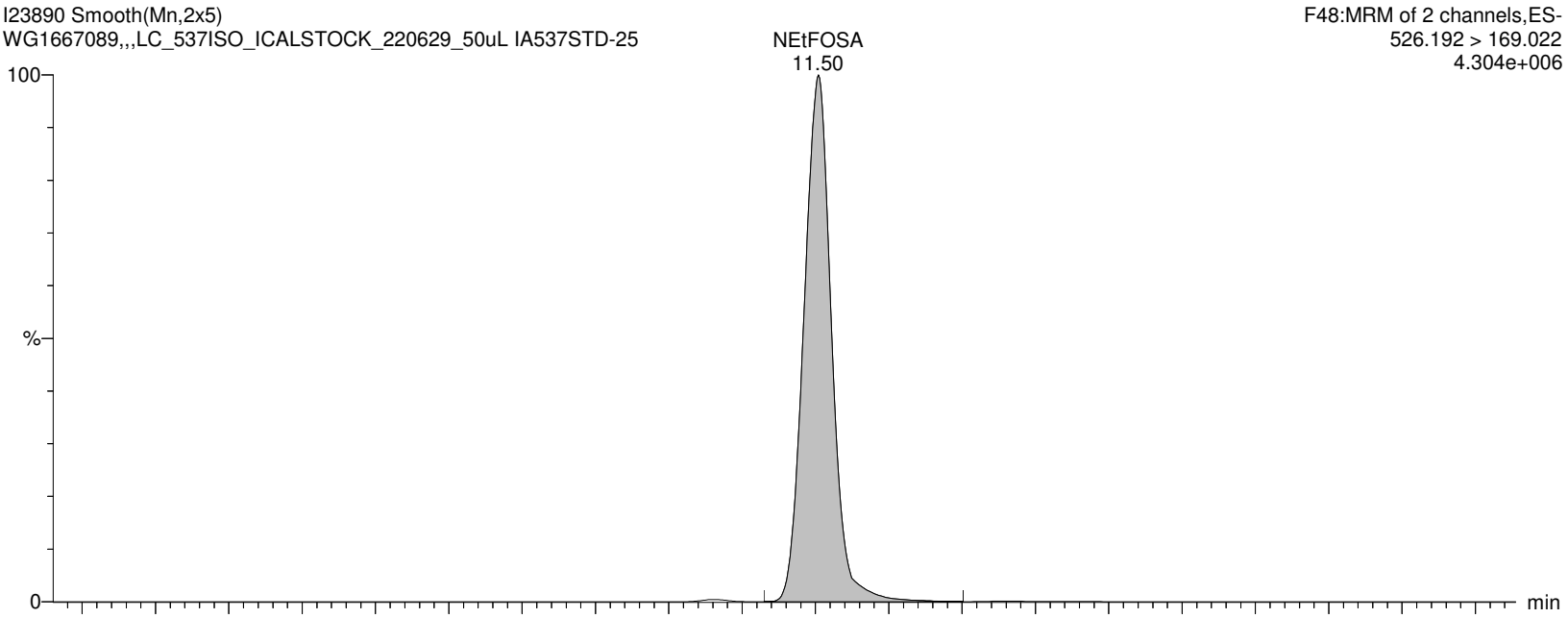


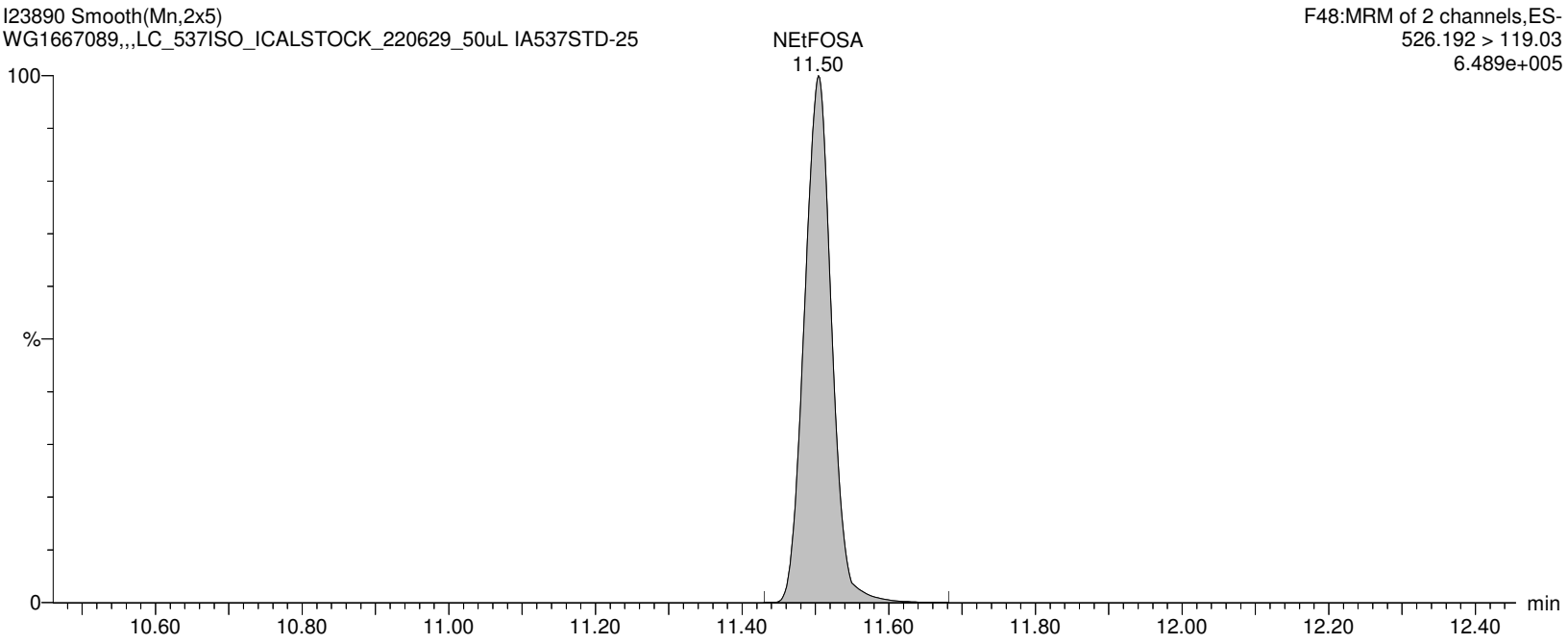
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NEtFOSA



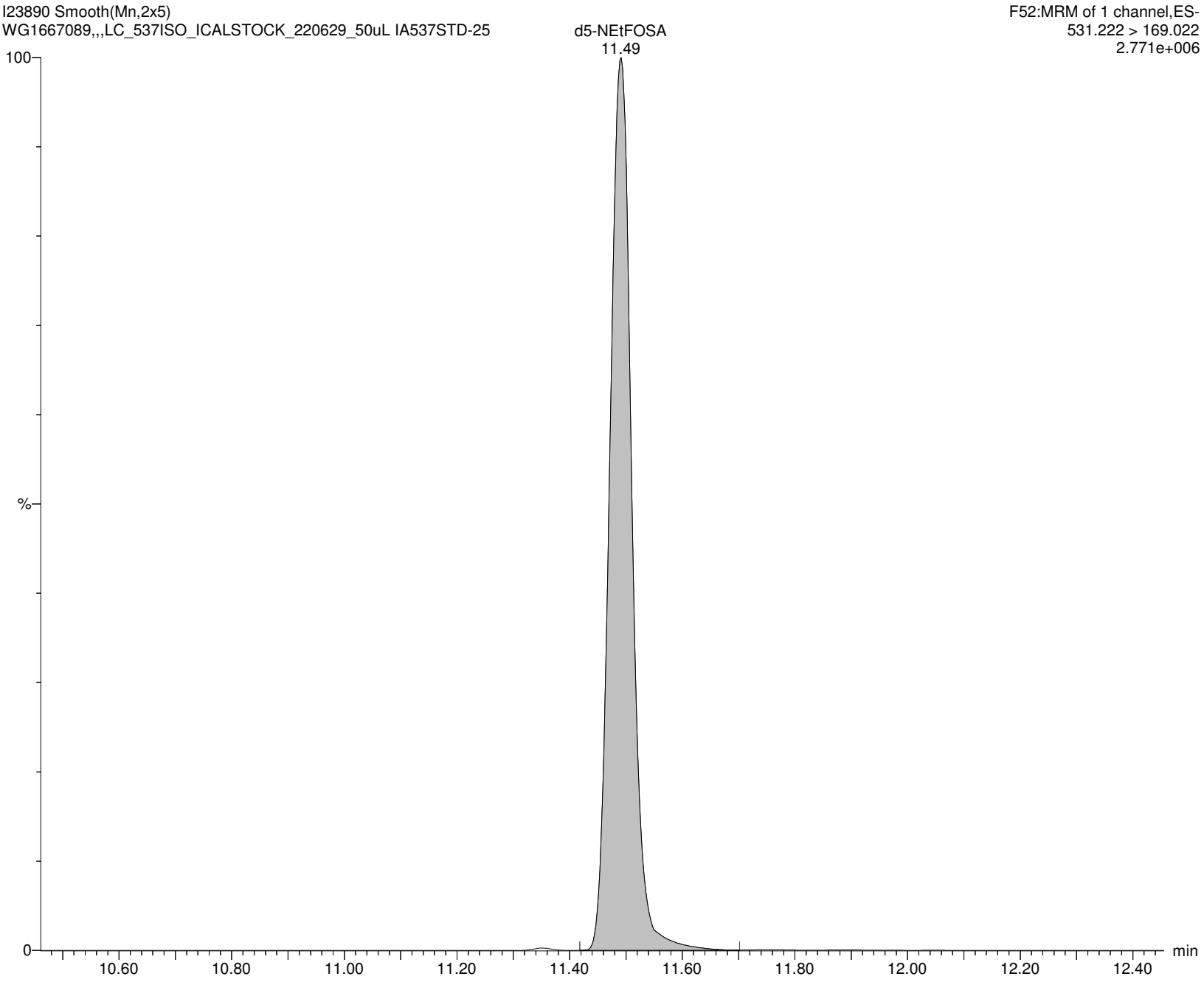


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

d5-NEtFOSA

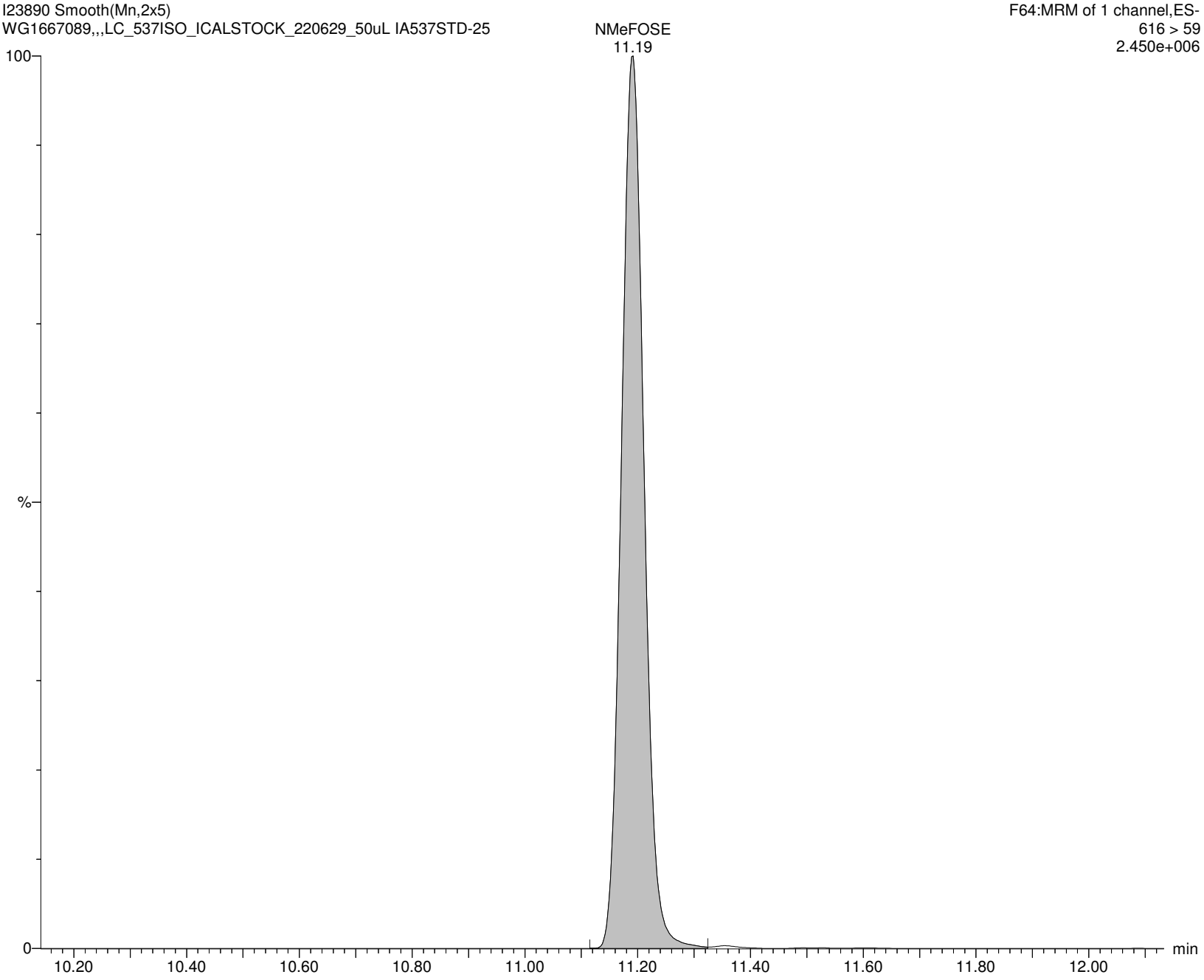


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NMeFOSE

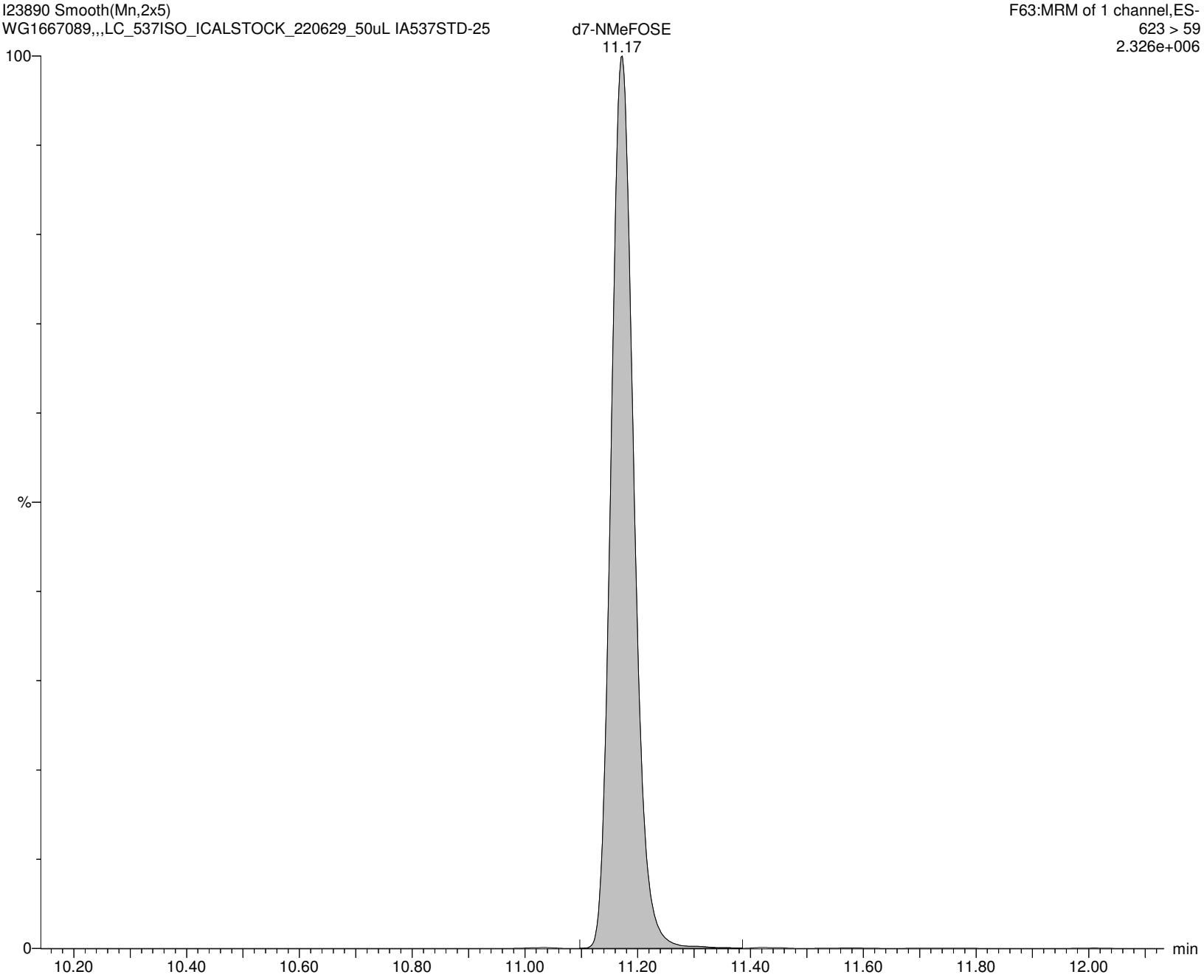


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

d7-NMeFOSE

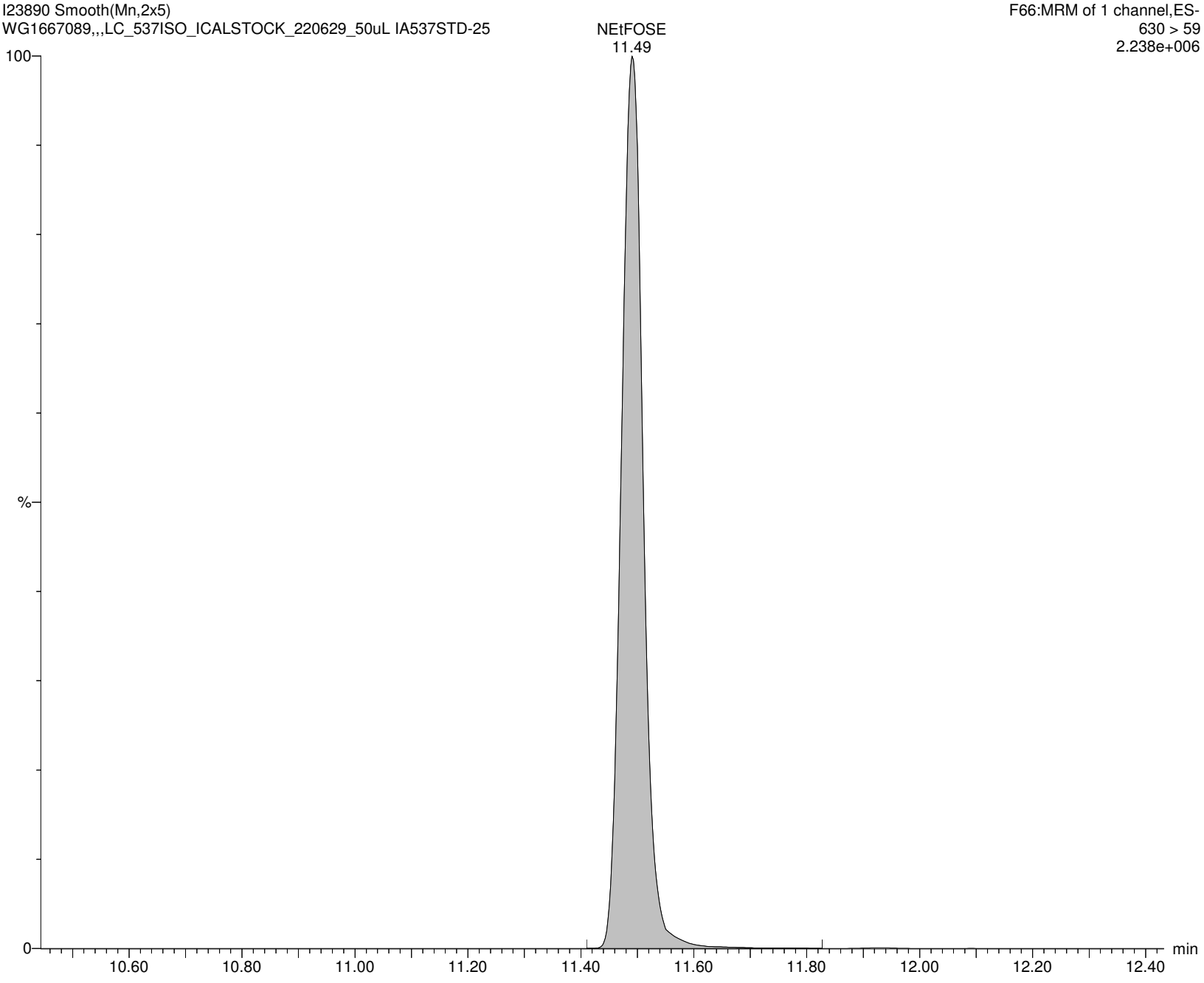


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NEtFOSE

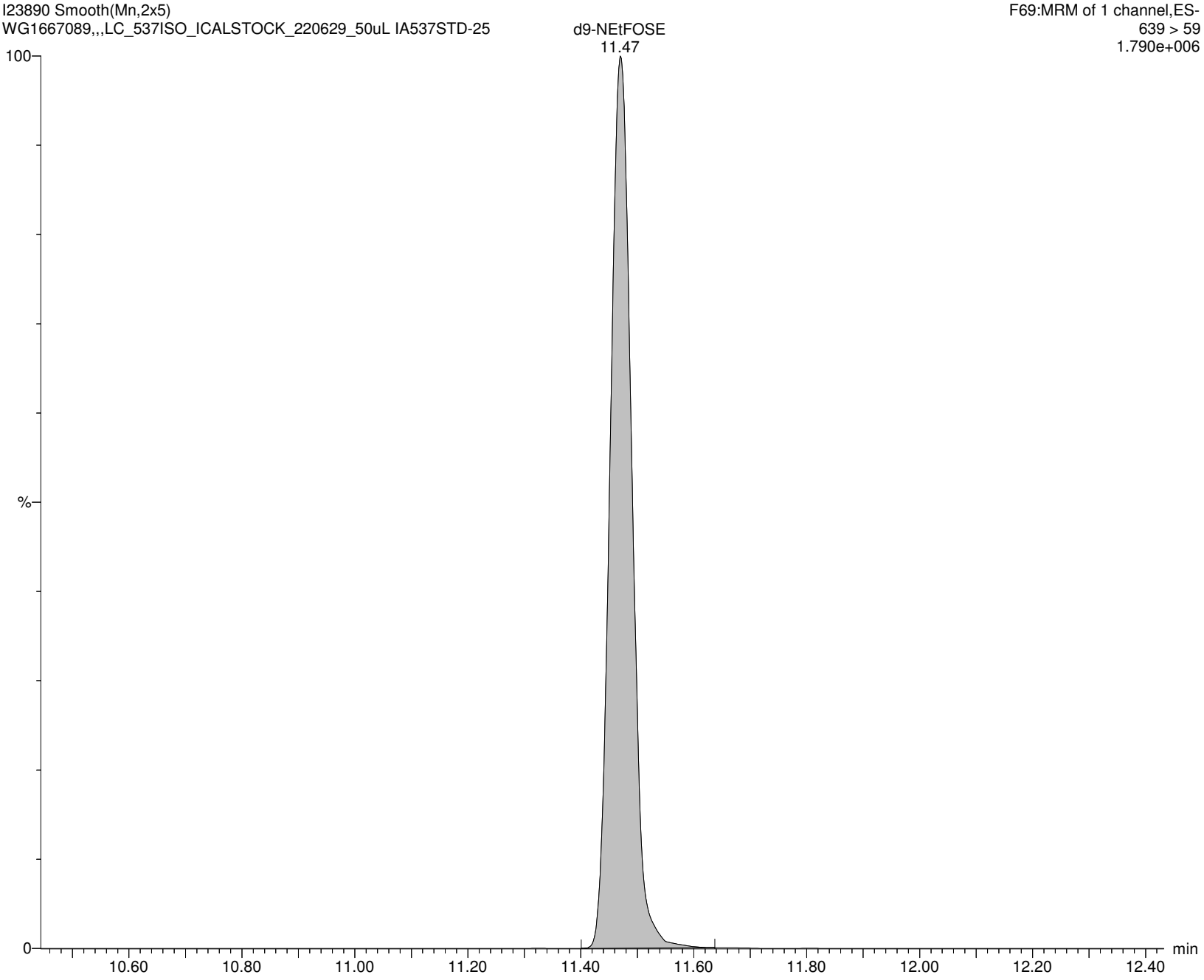


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

d9-NEtFOSE

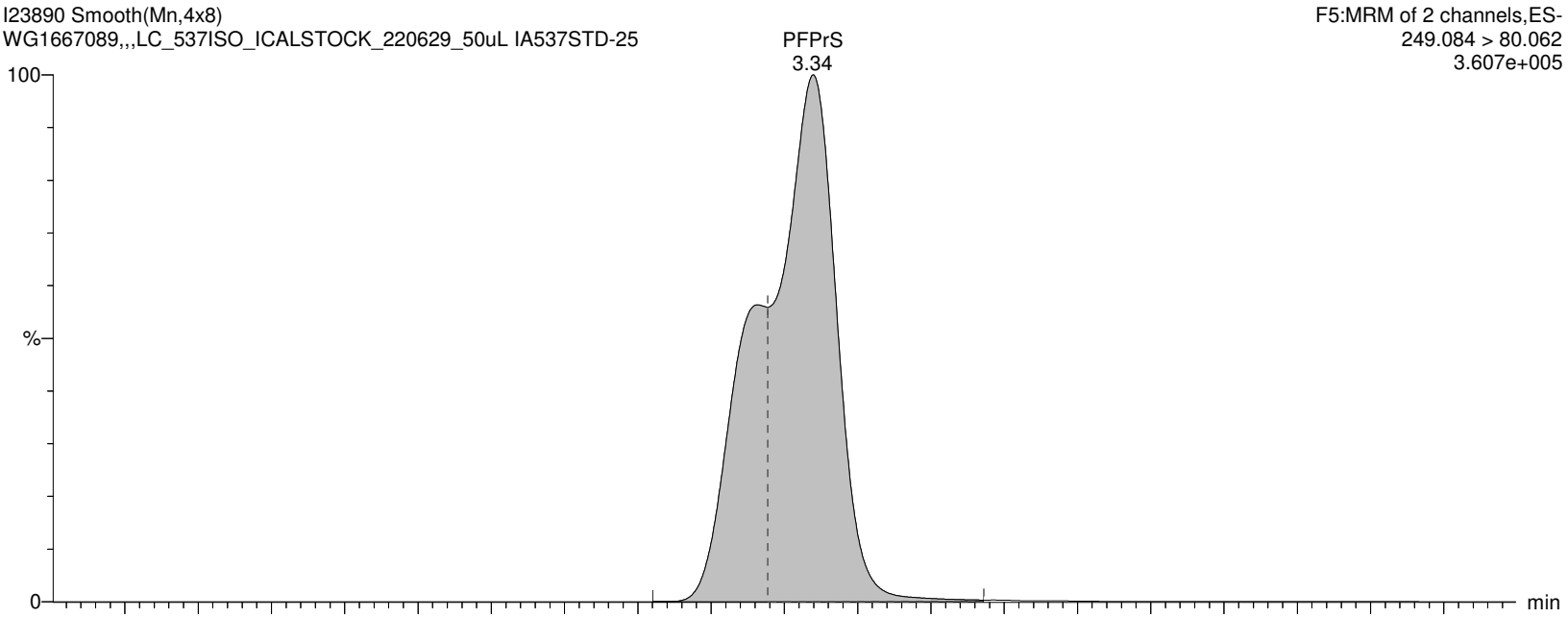


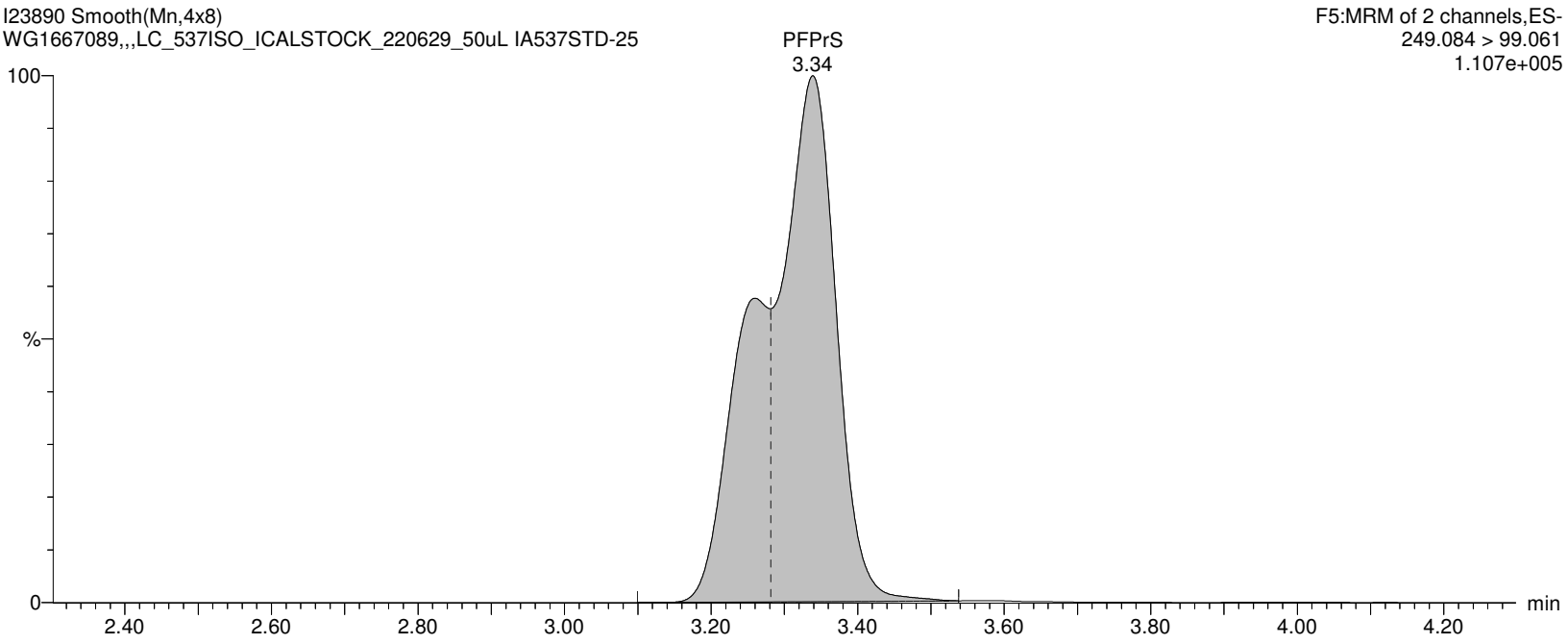
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFPrS



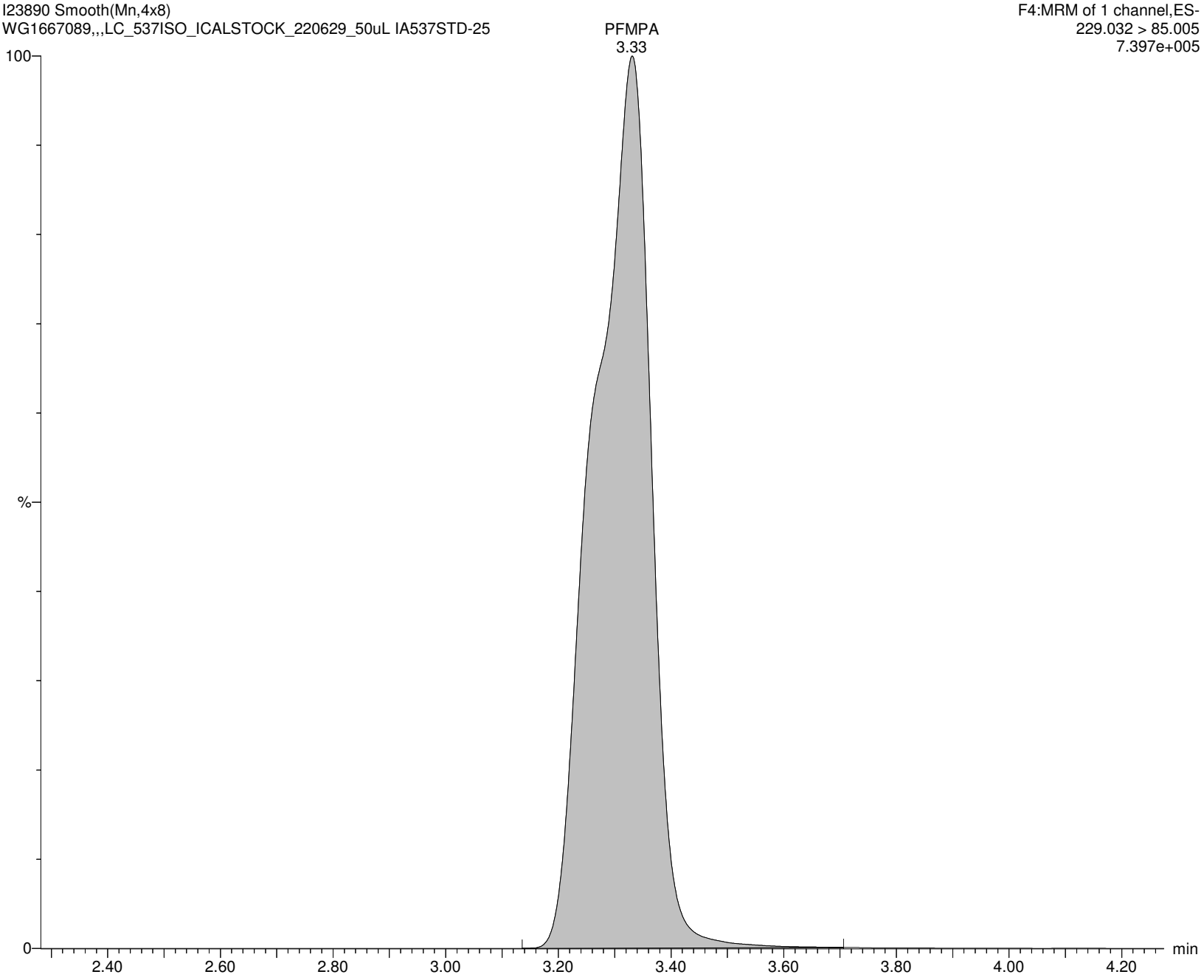


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFMPA

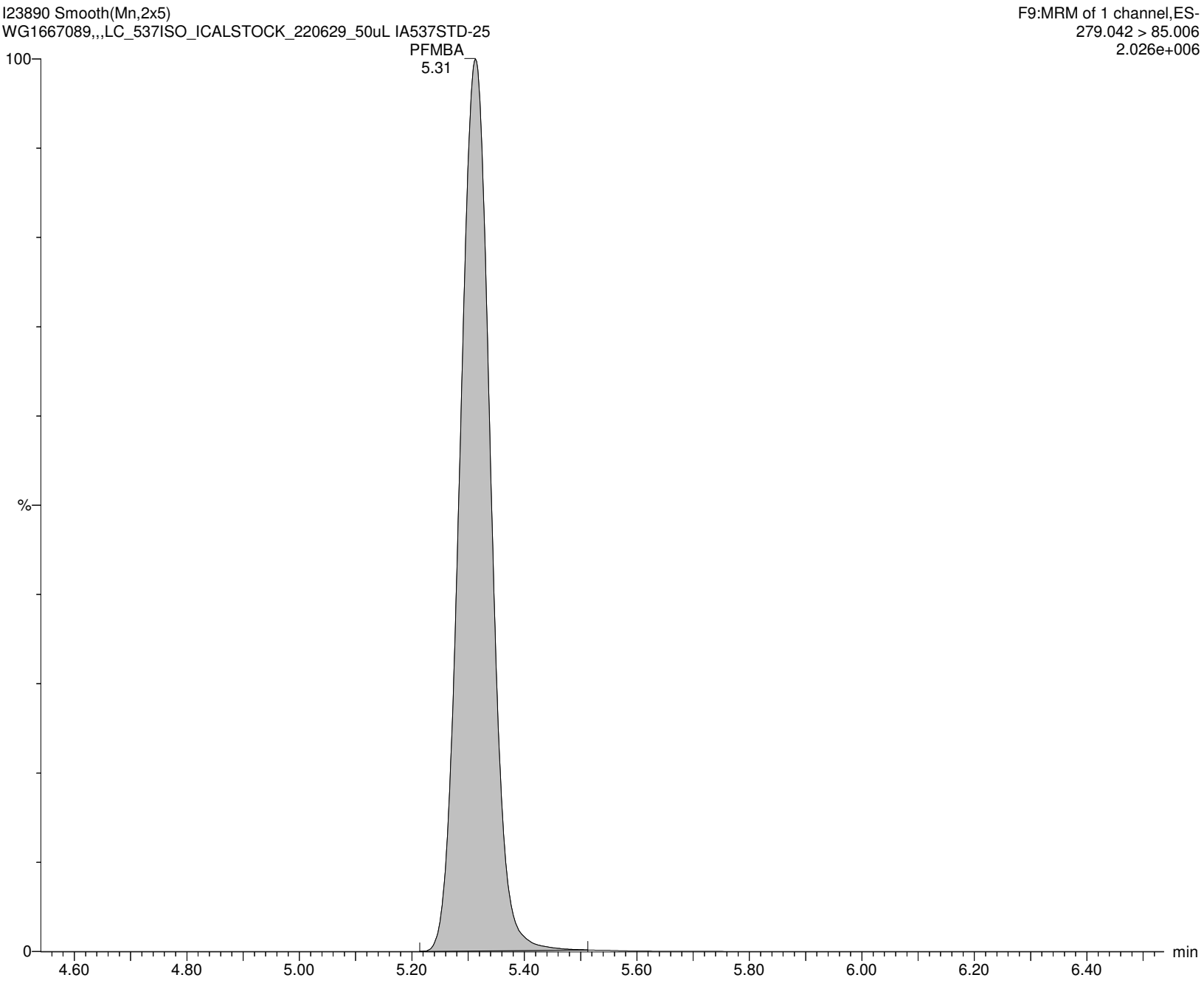


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFMBA

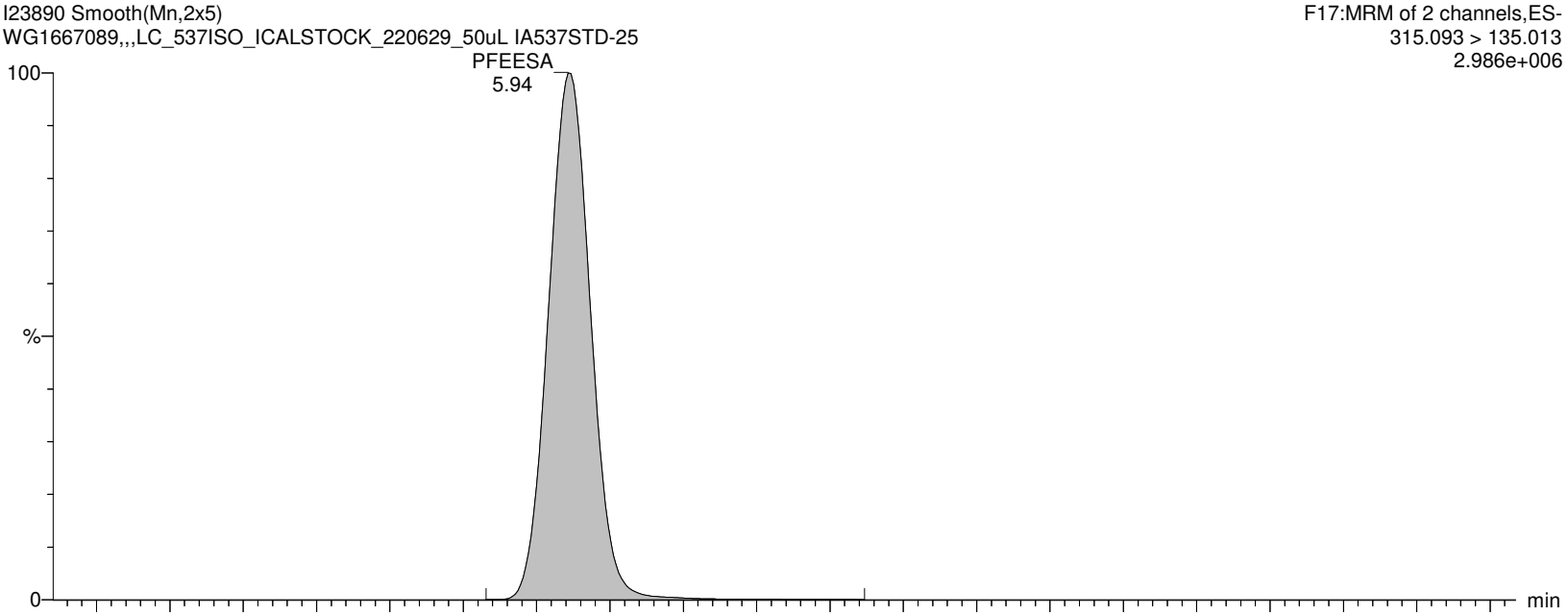


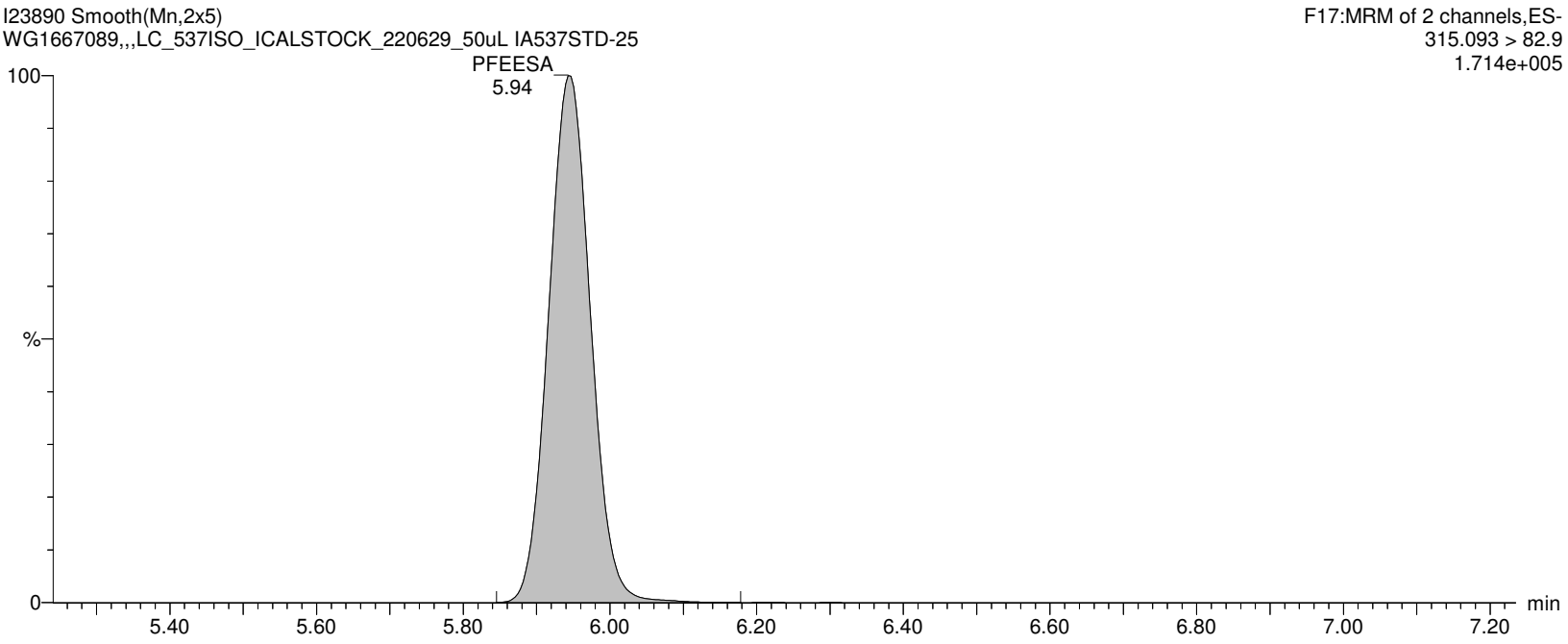
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFEESA



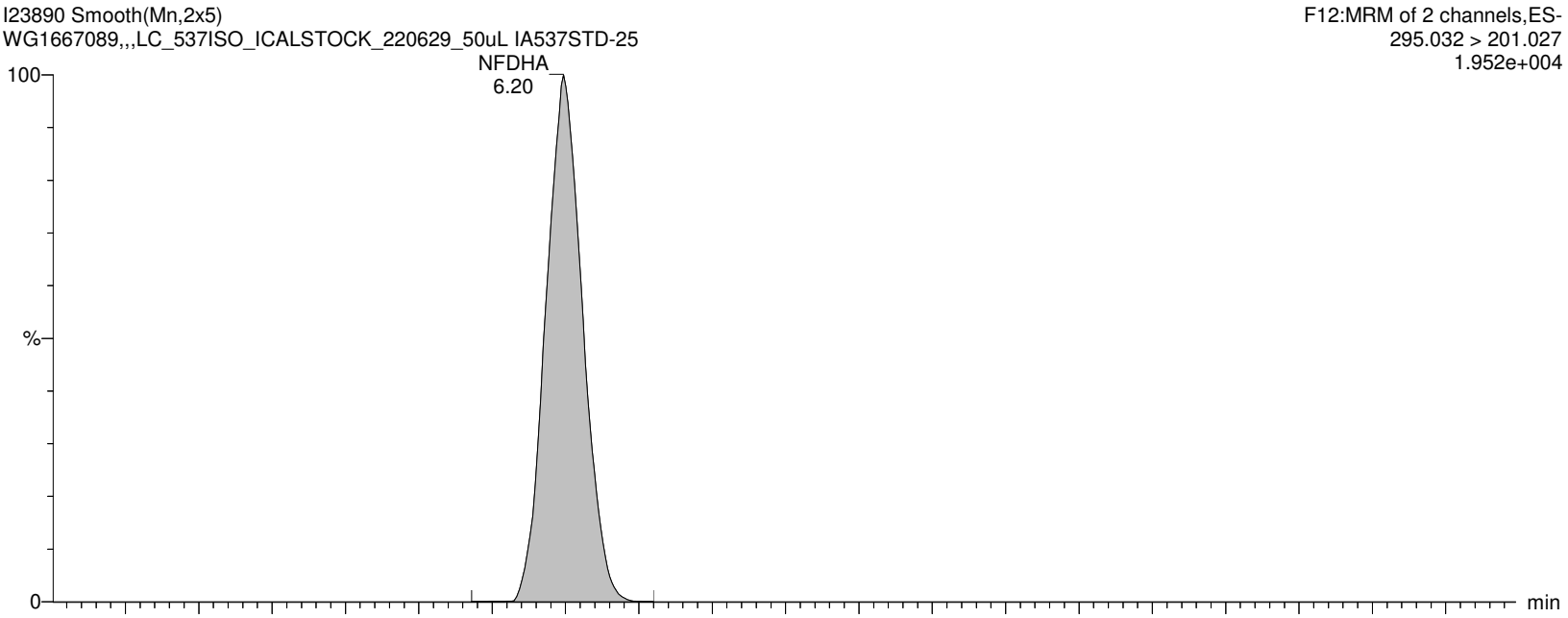


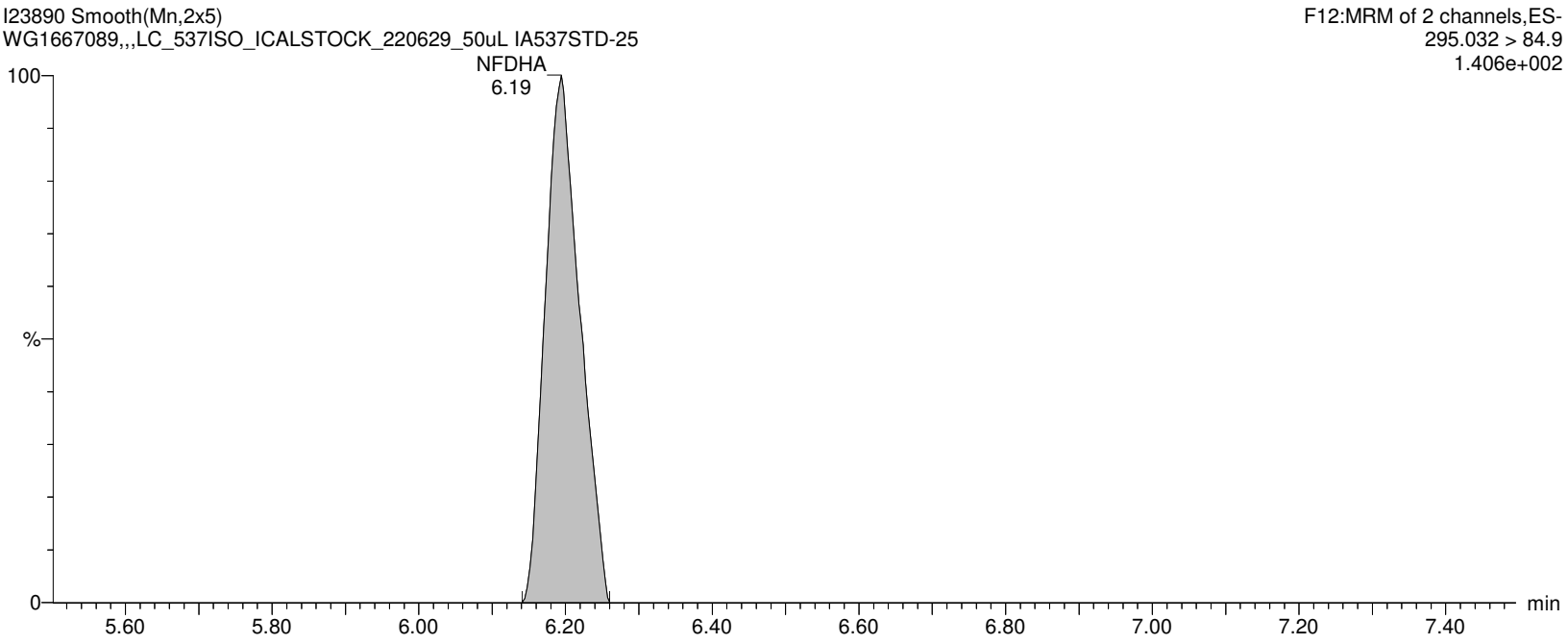
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NFDHA



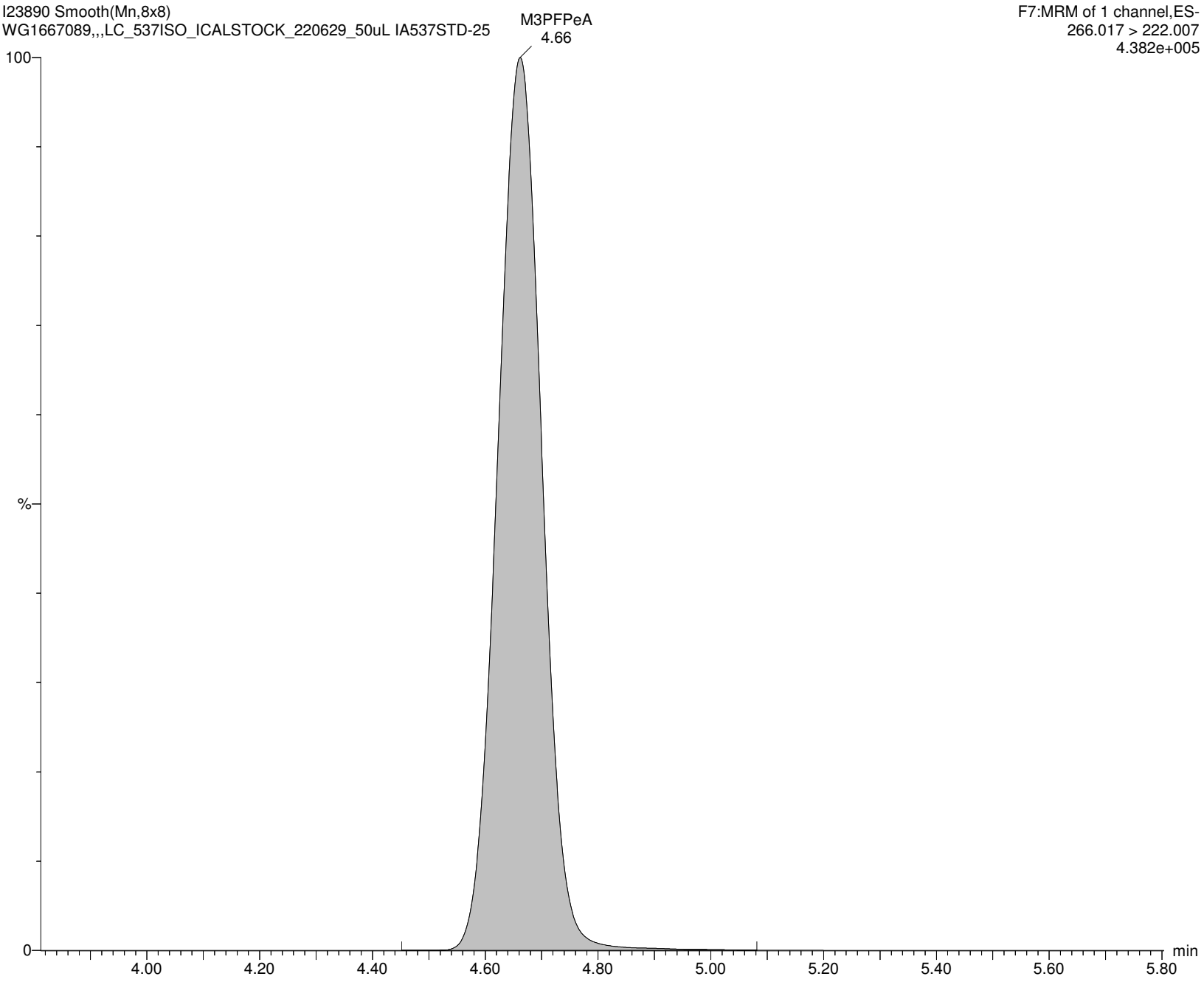


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M3PFPeA

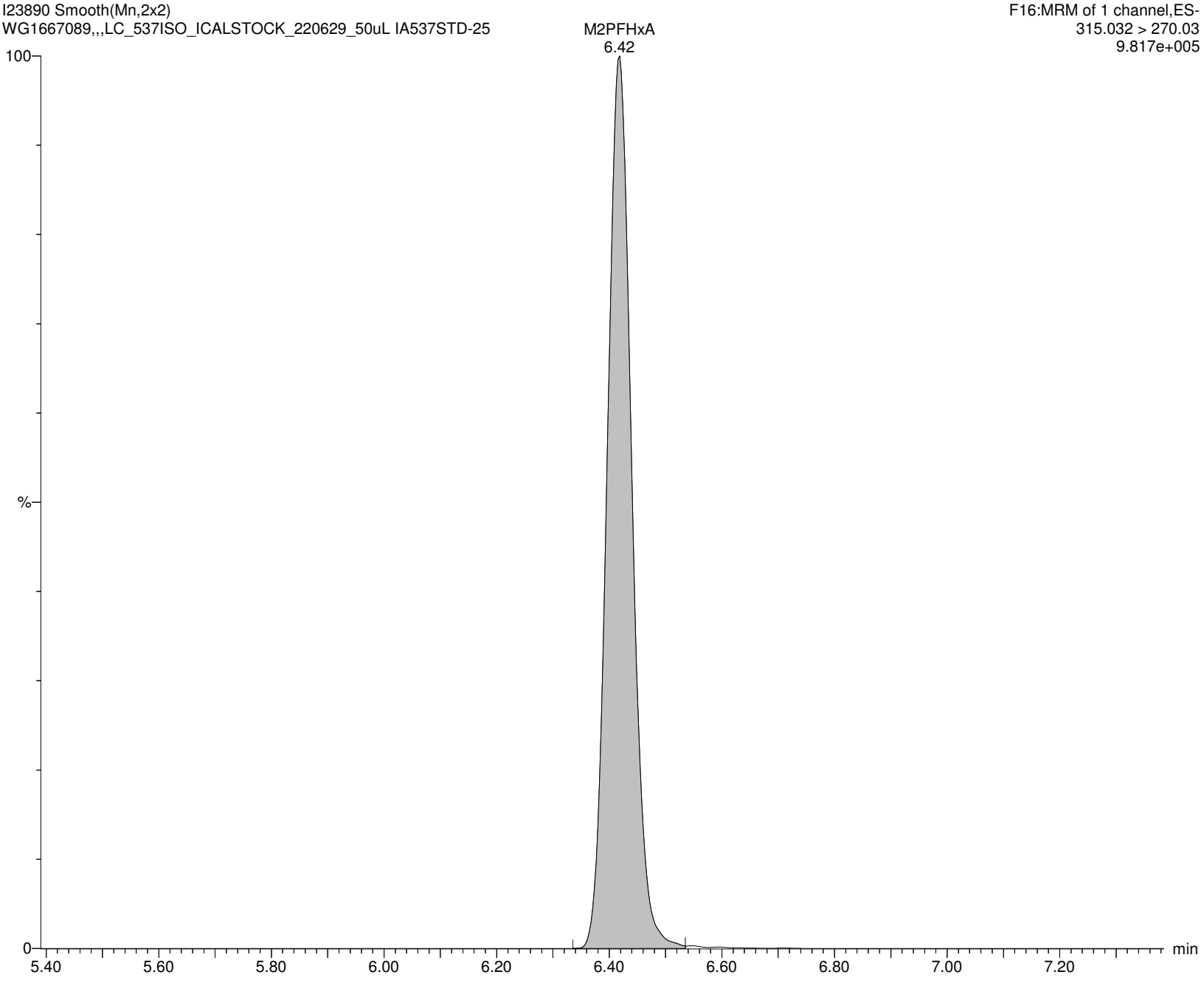


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2PFHxA

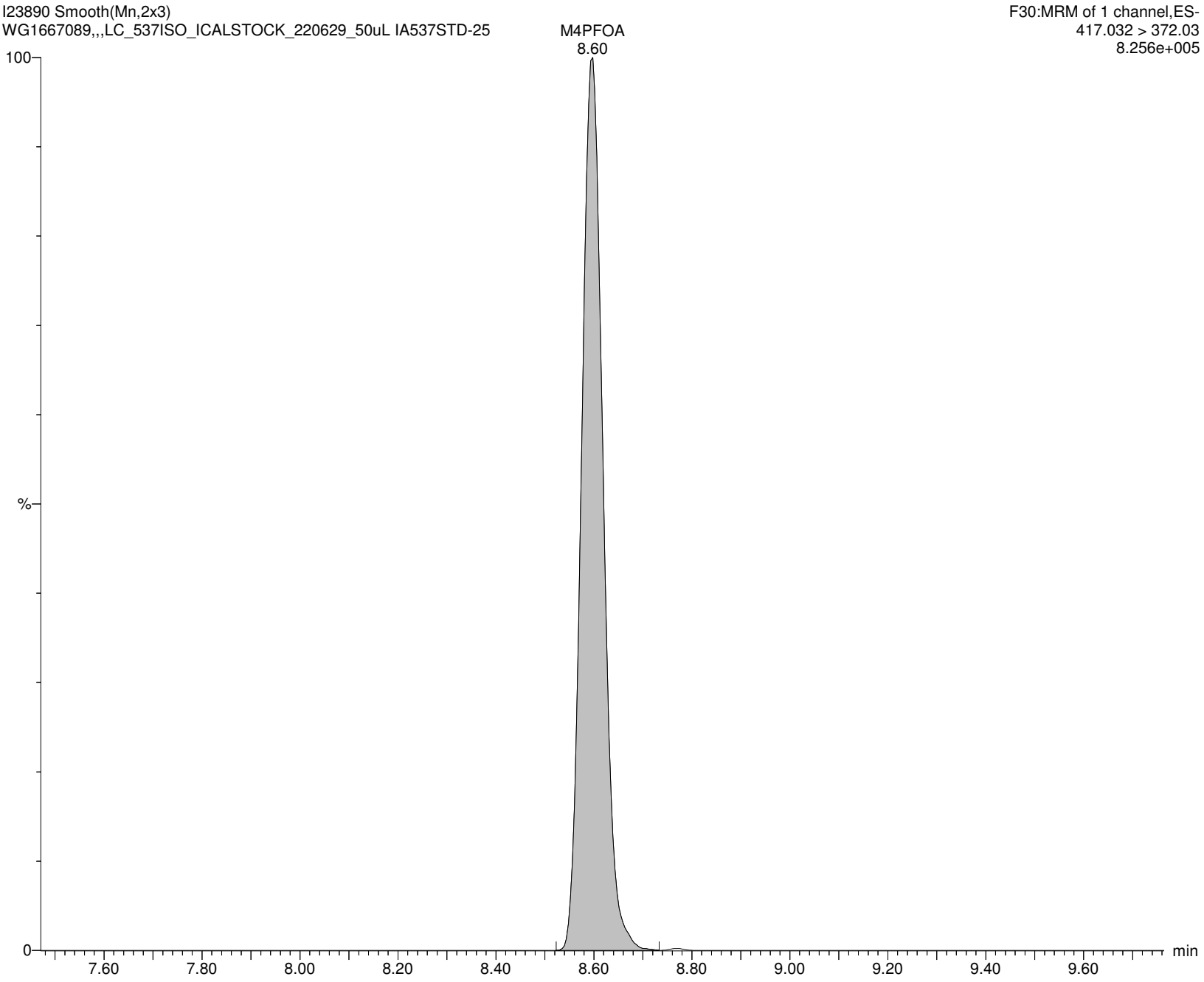


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:27 Eastern Daylight Time

Name: I23890
ID: IA537STD-25
Date: 26-Jul-2022
Time: 01:19:18
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL
User: LCMS01:RS
Vial: 1:A,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M4PFOA



all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\MethDB\537ISO_Q_220725.mdb 26 Jul 2022 09:31:55
Calibration: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\CurveDB\220725_ICAL.cdb 26 Jul 2022 09:37:13

ID: IA537STD-50
Name: I23891
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:RS
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.07	213.032 > 169.022	195335		47.233		na	94.5
2	M3PFBA	INT STD	2.10	216.009 > 171.999	38402		10.278		na	102.8
3	MPFBA	INT STD	2.10	217.001 > 171.999	43619		10.003		na	100.0
4	PFPeA	2706-90-3	4.66	263.039 > 219.03	210278		47.035		na	94.1
5	M5PFPEA	INT STD	4.66	268.001 > 222.999	43176		10.055		na	100.6
6	PFBS	375-73-5	5.25	299.092 > 80.062	74152		40.693	2.00	NO	91.8
7	M3PFBS	INT STD	5.25	302.069 > 80.062	15400		9.724		na	104.3
8	4:2FTS	757124-72-4	6.33	327.146 > 307.139	13307		44.709	1.27	NO	95.4
9	M2-4:2FTS	INT STD	6.33	329.13 > 309.124	3673		11.587		na	123.5
10	PFHxA	307-24-4	6.41	313.047 > 269.037	256722		47.150	11.38	NO	94.3
11	M5PFHxA	INT STD	6.41	318.009 > 273.007	53073		9.514		na	95.1
12	PFPeS	2706-91-4	6.72	349.1 > 80.062	77999		45.324	1.69	NO	96.3
13	PFHpA	375-85-9	7.65	363.055 > 319.045	218920		47.456	3.76	NO	94.9
14	M4PFHpA	INT STD	7.65	367.025 > 322.022	44334		9.484		na	94.8
15	br-PFHxS	355-46-4	7.58	399.107 > 80.062	14145	m5,m7	9.113	2.16	NO	96.4
16	L-PFHxS	355-46-4	7.81	399.107 > 80.062	61490		39.184	1.67	NO	96.6
17	PFHxS	355-46-4		399.107 > 80.062	75635		48.297		na	
18	M3PFHxS	INT STD	7.81	402.084 > 80.062	16034		9.722		na	102.5
19	br-PFOA	335-67-1		413.063 > 369.053			ND		YES	
20	L-PFOA	335-67-1	8.59	413.063 > 369.053	227643		47.762	6.38	NO	95.5
21	PFOA	335-67-1		413.063 > 369.053	227643		47.762		na	
22	M8PFOA	INT STD	8.59	421.002 > 376.	41733		9.606		na	96.1
23	M2PFOA	INT STD	8.59	415.048 > 370.045	44823		10.744		na	107.4
24	6:2FTS	27619-97-2	8.55	427.161 > 407.155	14706		46.447	2.18	NO	97.7
25	M2-6:2FTS	INT STD	8.55	429.146 > 409.14	4213		11.138		na	117.1
26	PFHpS	375-92-8	8.69	449.115 > 80.062	77536		41.417	1.78	NO	86.9
27	PFNA	375-95-1	9.36	463.071 > 419.061	203625		44.243	3.49	NO	88.5
28	M9PFNA	INT STD	9.36	472.002 > 427.	39608		9.759		na	97.6
29	br-PFOS	1763-23-1	9.22	499.123 > 80.062	21283	m5	9.831	4.02	NO	93.2
30	L-PFOS	1763-23-1	9.42	499.123 > 80.062	58783		36.541	1.75	NO	92.6
31	PFOS	1763-23-1		499.123 > 80.062	80067		46.372		na	
32	M4PFOS	INT STD	9.42	503.093 > 80.062	15523		9.753		na	97.5
33	M8PFOS	INT STD	9.42	507.062 > 80.062	16662		10.470		na	109.2
34	PFDA	335-76-2	10.00	513.078 > 469.069	136303		47.537	2.37	NO	95.1
35	M2PFDA	INT STD	10.00	515.063 > 470.061	30640		9.992		na	99.9
36	M6PFDA	INT STD	10.00	519.033 > 474.03	27814		10.517		na	105.2
37	8:2FTS	39108-34-4	9.98	527.177 > 507.171	11114		29.430	1.69	NO	61.3
38	M2-8:2FTS	INT STD	9.98	529.162 > 509.155	3730		13.610		na	141.8
39	PFNS	68259-12-1	10.03	549.131 > 80.062	75150		46.056	2.18	NO	95.7

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

ID: IA537STD-50
Name: I23891
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:RS
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.40	573.22 > 419.061	6130		9.915		na	99.2
41	br-NMeFOSAA	2355-31-9	10.25	570.202 > 419.061	1828	m5,m7	12.303	0.91	NO	102.5
42	L-NMeFOSAA	2355-31-9	10.41	570.202 > 419.061	15469		38.705	1.80	NO	101.9
43	NMeFOSAA	2355-31-9		570.202 > 419.061	17297		51.008		na	
44	PFUnA	2058-94-8	10.54	563.086 > 519.076	139522		49.518	5.09	NO	99.0
45	M7-PFUDA	INT STD	10.54	570.033 > 525.031	26578		9.954		na	99.5
46	PFDS	335-77-3	10.56	598.926 > 80.062	54860		44.789	1.94	NO	92.8
47	FOSA	754-91-6	10.54	498.146 > 78.07	200777		47.943	53.43	NO	95.9
48	M8FOSA	INT STD	10.54	506.077 > 78.07	42809		10.120		na	101.2
49	d5-NEtFOSAA	INT STD	10.71	589.259 > 419.061	6155		9.705		na	97.1
50	br-NEtFOSAA	2991-50-6	10.56	584.229 > 419.061	1852	m5,m7	11.967	0.64	NO	106.4
51	L-NEtFOSAA	2991-50-6	10.71	584.229 > 419.061	15022		37.823	1.18	NO	97.6
52	NEtFOSAA	2991-50-6		584.229 > 419.061	16874		49.789		na	
53	PFDoA	307-55-1	11.03	613.094 > 569.084	146707		47.364	6.35	NO	94.7
54	MPFDOA	INT STD	11.03	615.079 > 570.077	32126		10.190		na	101.9
55	PFTrDA	72629-94-8	11.46	663.102 > 619.092	83119		46.738	4.80	NO	93.5
56	PFTA	376-06-7	11.83	713.11 > 669.1	82967		47.538	7.17	NO	95.1
57	M2PFTEDA	INT STD	11.83	715.094 > 670.092	18189		10.483		na	104.8
58	M3HFPO-DA	INT STD	6.82	287.02 > 169.022	32345		177.622		na	88.8
59	HFPO-DA	13252-13-6	6.82	285.035 > 169.022	81083		470.432	10.97	YES	94.1
60	ADONA	958445-44-8	7.83	377.06 > 251.028	295401		45.836	31.05	NO	97.0
61	PFHxDA		12.45	813.122 > 769.116	112481		48.580	19.73	NO	97.2
62	PFODA		12.77	913.411 > 869.131	25625		48.933	21.13	NO	97.9
63	M2PFHxDA		12.45	815.102 > 770.108	19230		10.141		na	101.4
64	PFDoS		11.45	699.154 > 80.062	62706		46.906	1.80	NO	96.9
65	M2D4-10:2FTS		11.04	633.201 > 612.189	2419		16.229		na	82.8
66	10:2FTS		11.04	627.192 > 607.186	9364	m4,m7	54.789	1.86	NO	113.4
67	9CL-PF3ONS		9.77	530.862 > 350.843	123884		42.430	4.29	NO	91.0
68	11CL-PFOUdS		10.83	630.862 > 450.854	71578		43.492	2.31	NO	92.2
69	NMeFOSA		11.18	512.163 > 169.022	273917		246.150	2.22	NO	98.5
70	d3-NMeFOSA		11.18	515.183 > 169.022	107586		102.258		na	102.3
71	NEtFOSA		11.50	526.192 > 169.022	316699		245.987	6.31	NO	98.4
72	d5-NEtFOSA		11.49	531.222 > 169.022	118751		98.970		na	99.0
73	NMeFOSE		11.19	616 > 59	174395		120.702		na	96.6
74	d7-NMeFOSE		11.17	623 > 59	86452		96.158		na	96.2
75	NEtFOSE		11.49	630 > 59	151484		122.584		na	98.1
76	d9-NEtFOSE		11.47	639 > 59	65144		96.309		na	96.3
77	PFPrS		3.34	249.084 > 80.062	76536	m3,m7	44.716	3.27	NO	97.2
78	PFMPA		3.33	229.032 > 85.005	154358	m3	49.515		na	99.0
79	PFMBA		5.31	279.042 > 85.006	226566		48.286		na	96.6
80	PFEESA		5.94	315.093 > 135.013	347330		42.752	17.55	NO	96.1
81	NFDHA		6.19	295.032 > 201.027	1426	m7	53.510	95.62	YES	107.0
82	M3PFPeA		4.66	266.017 > 222.007	40330		9.960		na	99.6

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

ID: IA537STD-50
Name: I23891
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:RS
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
83	M2PFHxA		6.41	315.032 > 270.03	48675		9.272		na	92.7
84	M4PFOA		8.59	417.032 > 372.03	41203		9.570		na	95.7

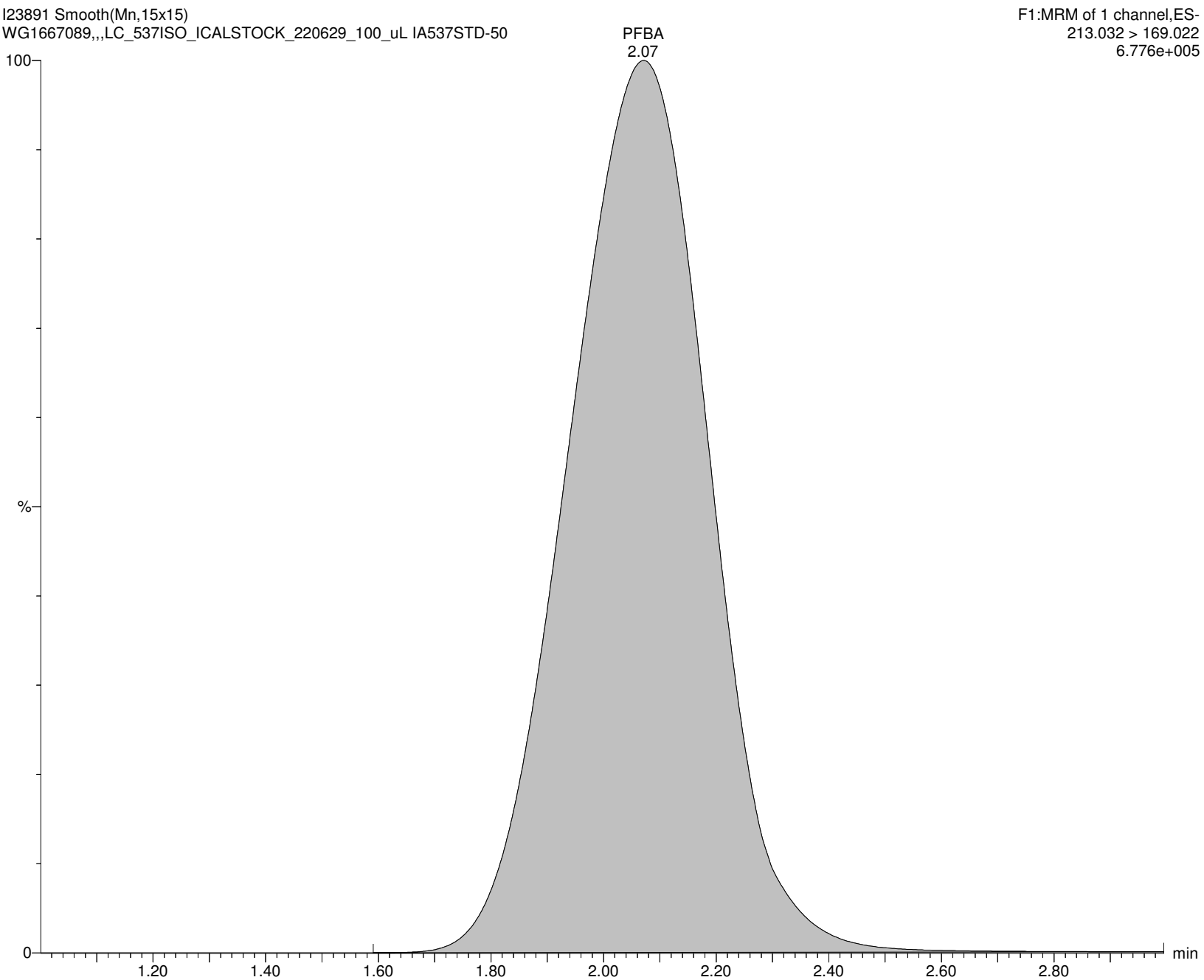
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\MethDB\537ISO_Q_220725.mdb 26 Jul 2022 09:31:55
Calibration: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\CurveDB\220725_ICAL.cdb 26 Jul 2022 09:37:13

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFBA

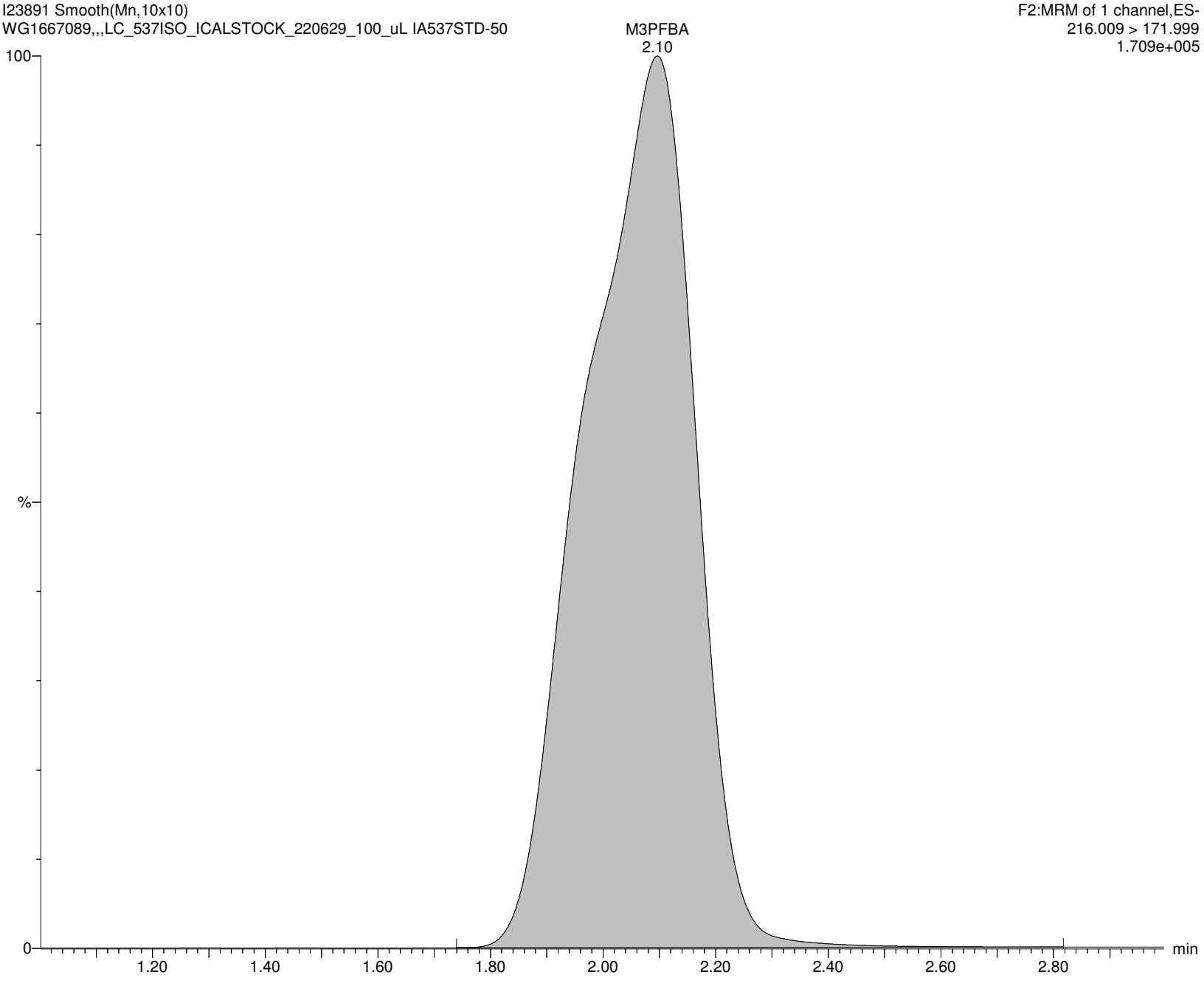


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M3PFBA

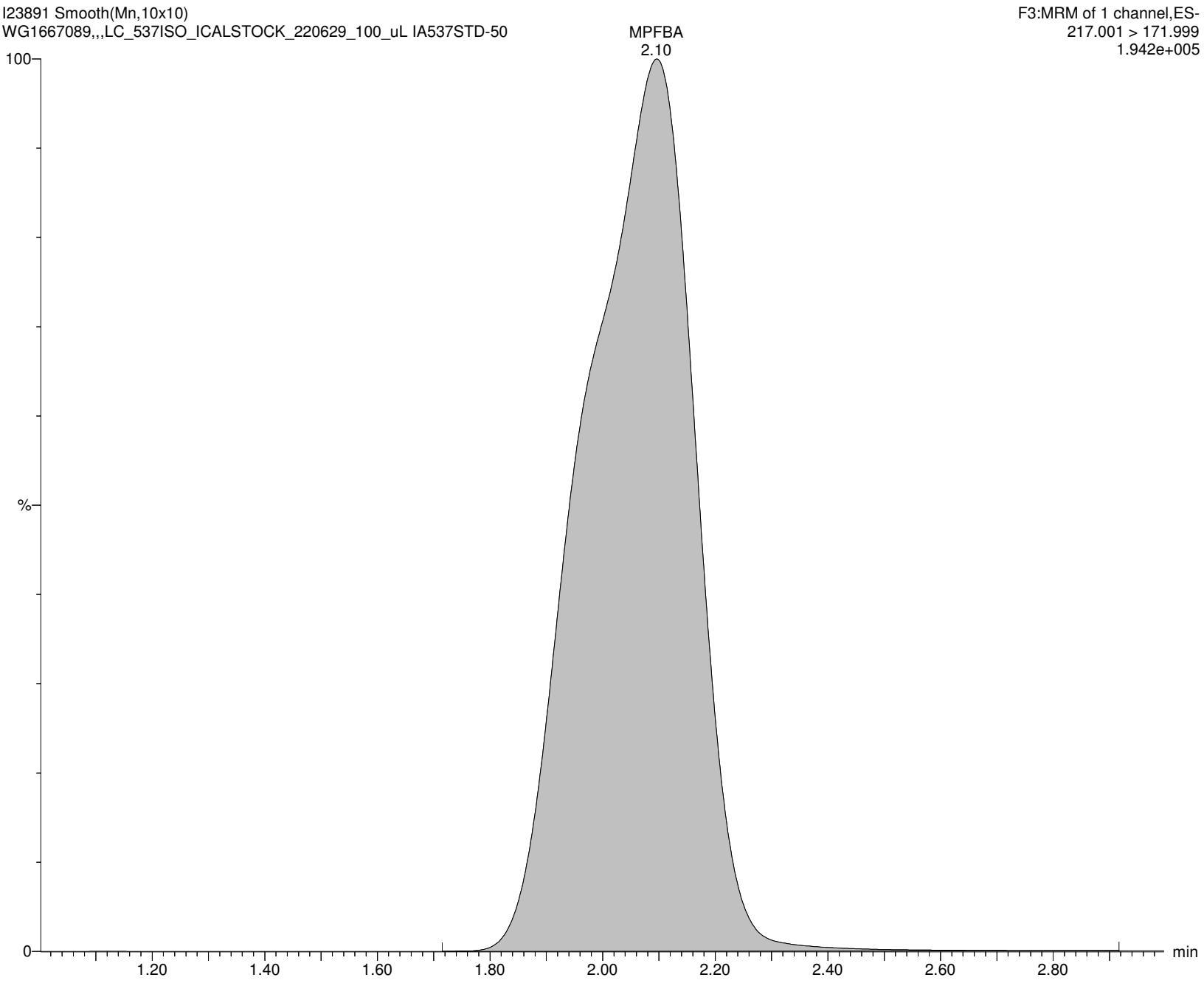


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

MPFBA

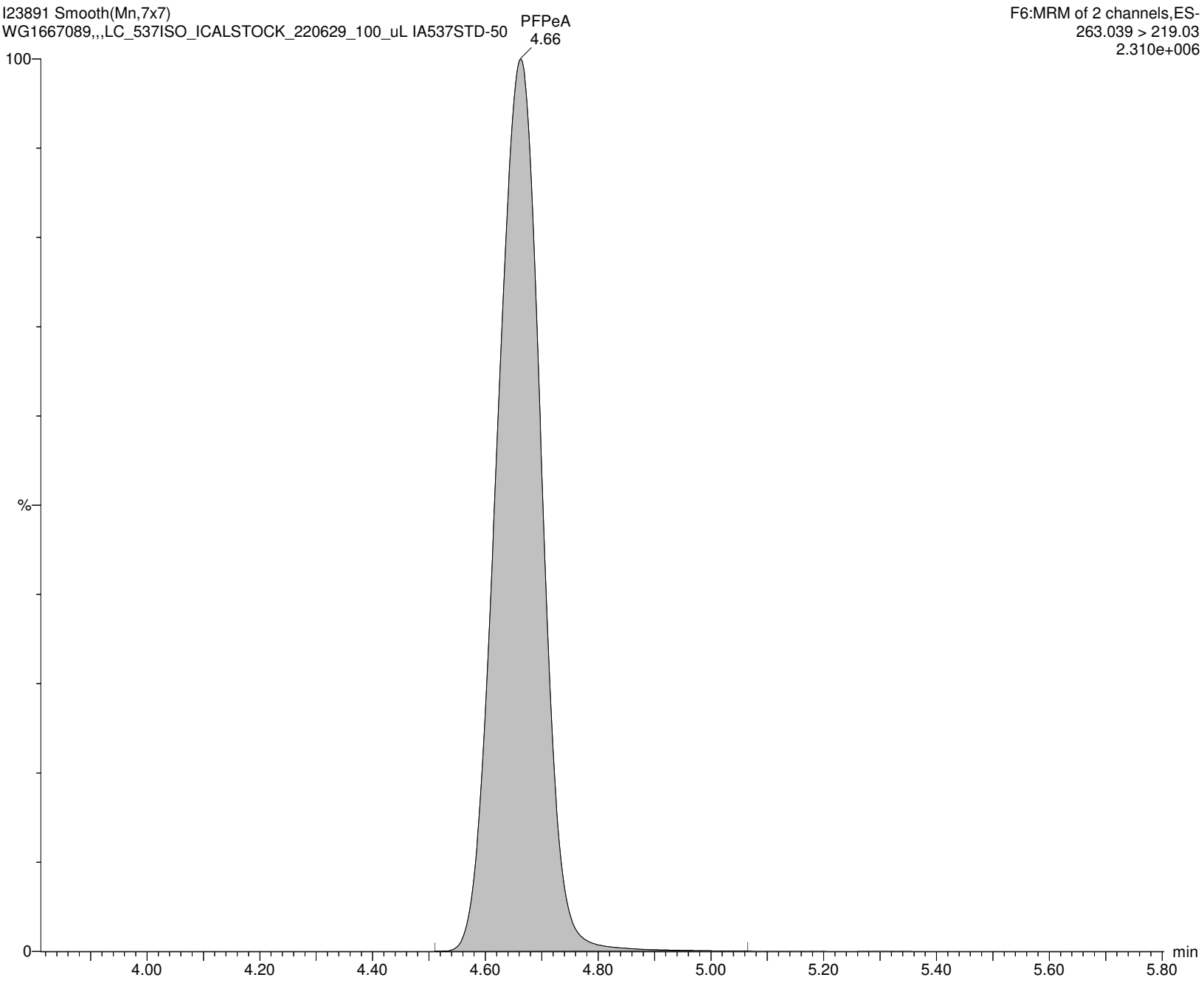


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFPeA

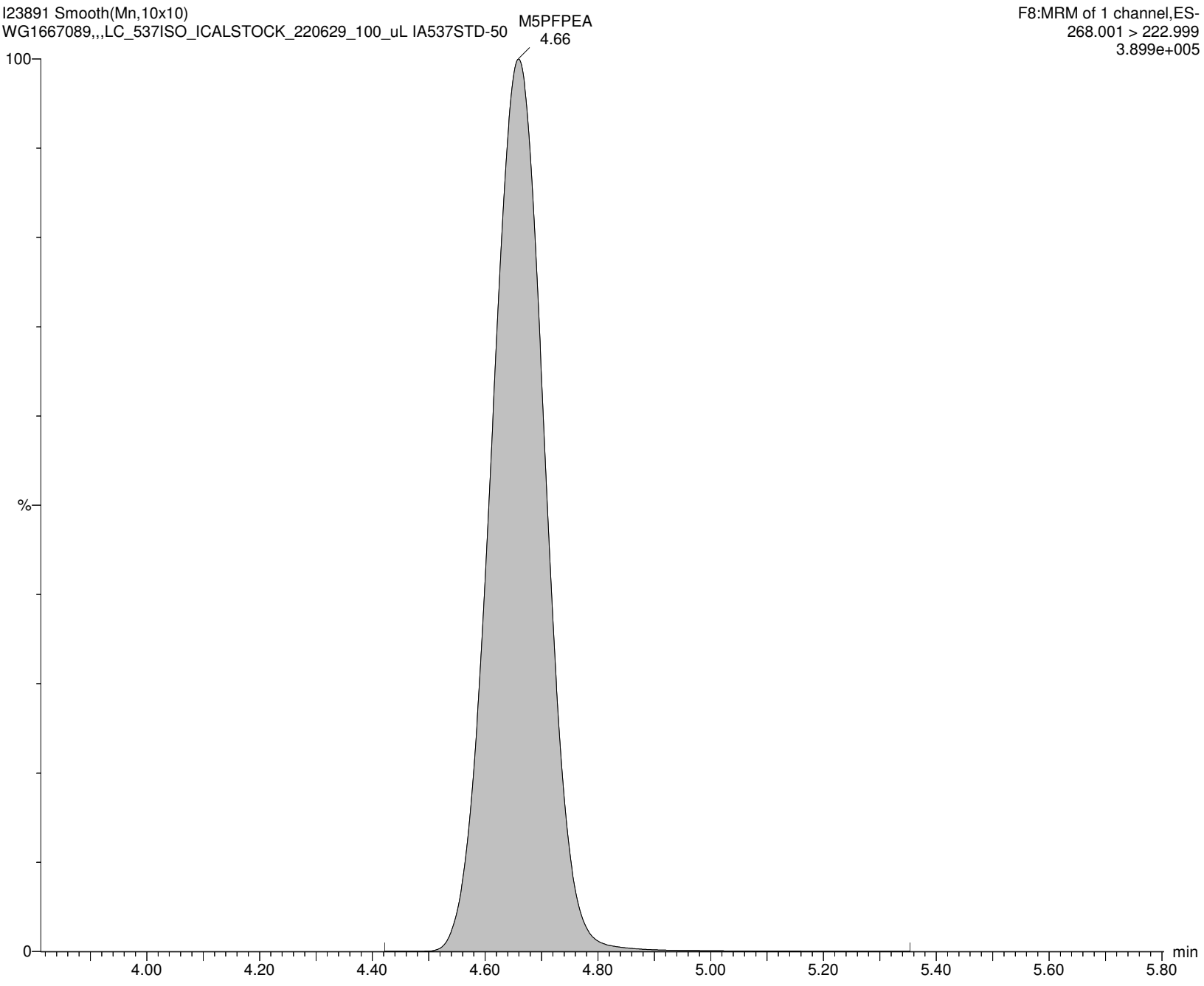


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M5PFPEA

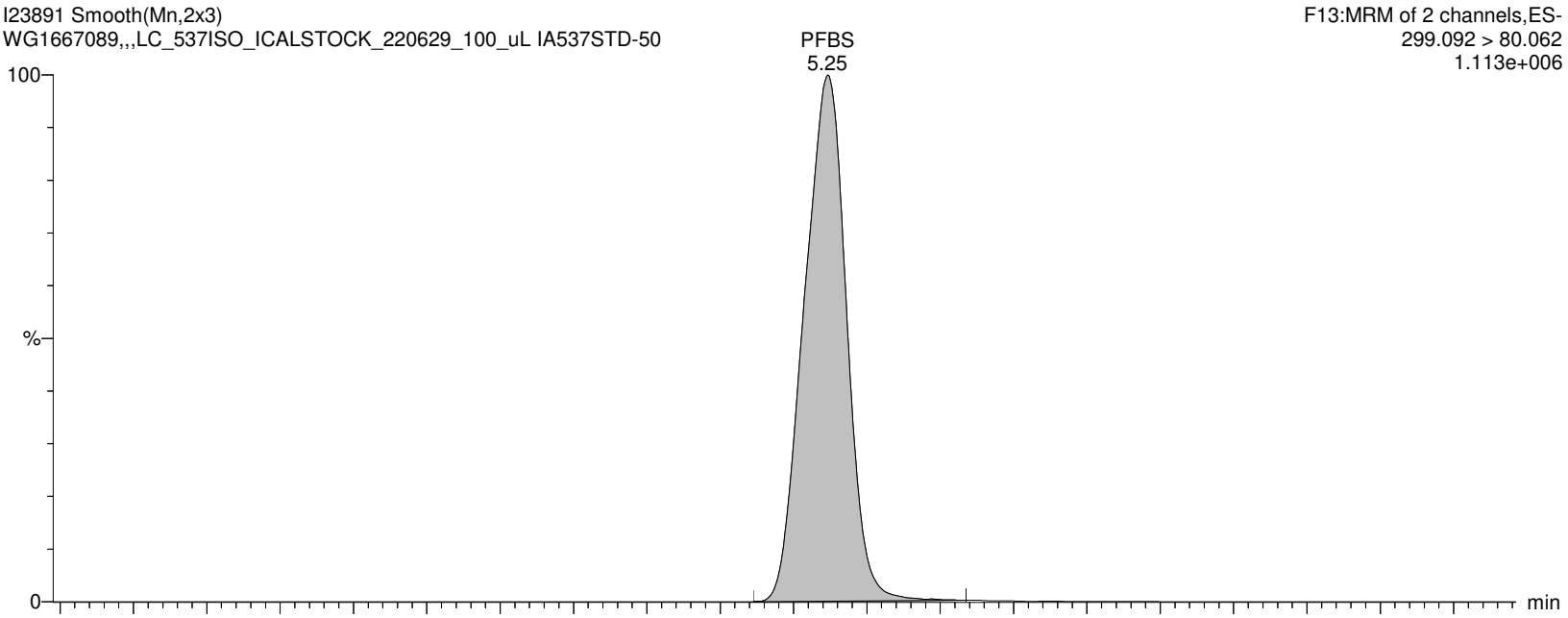


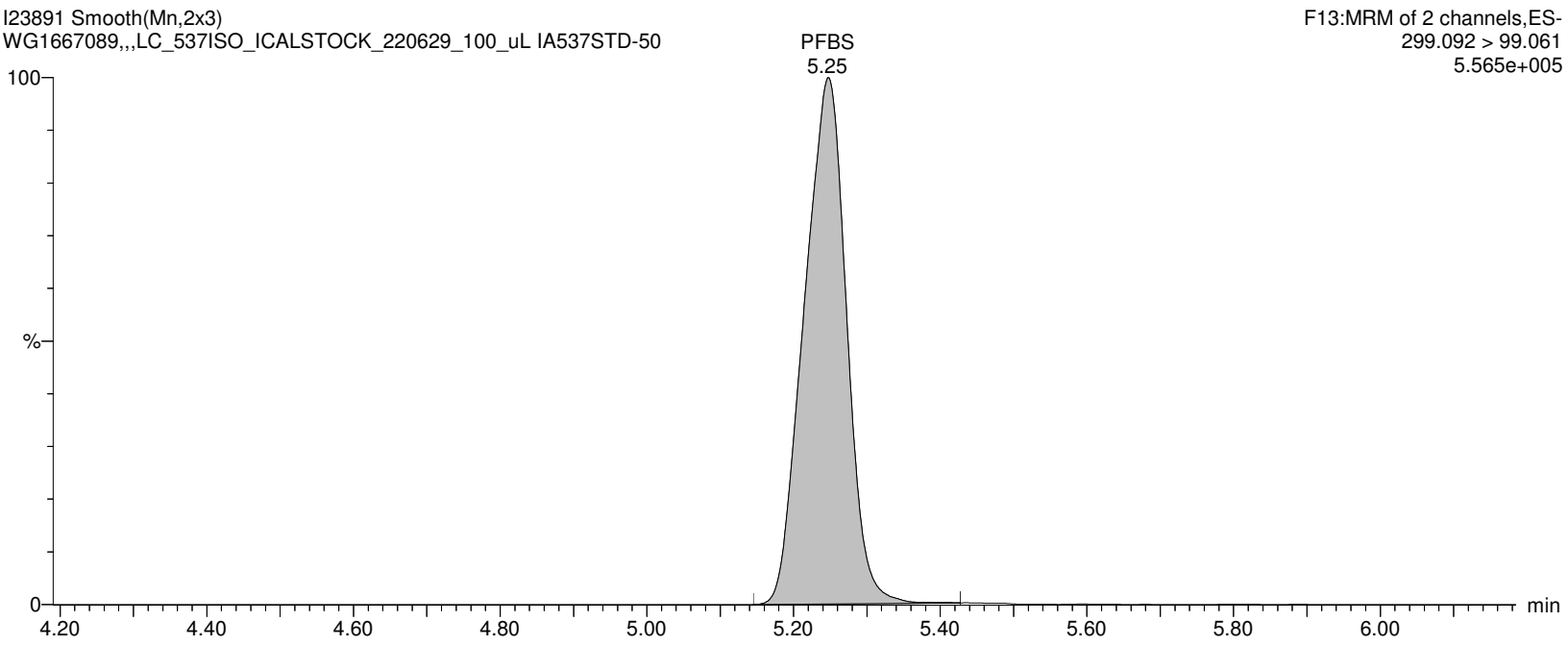
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFBS



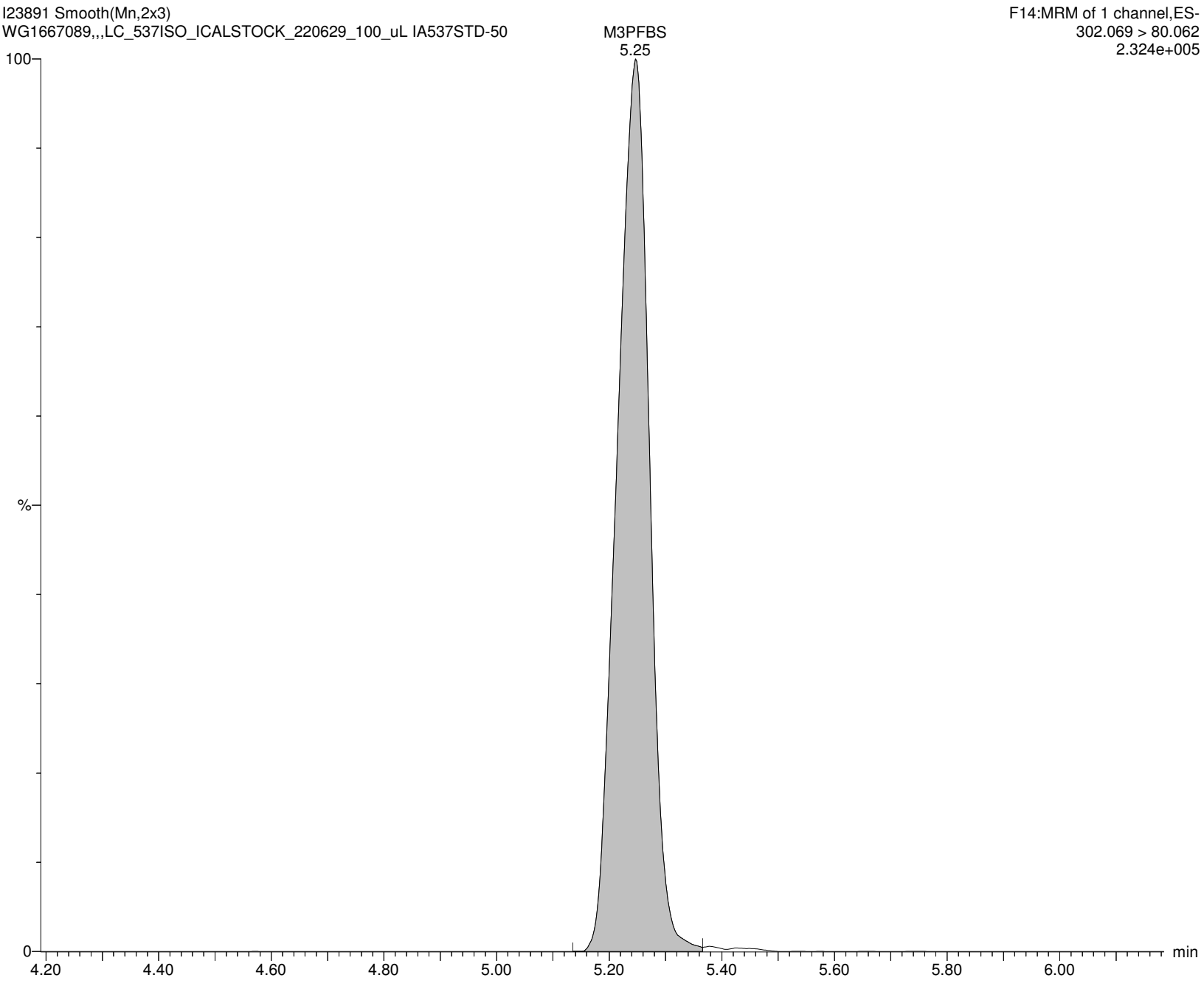


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M3PFBS

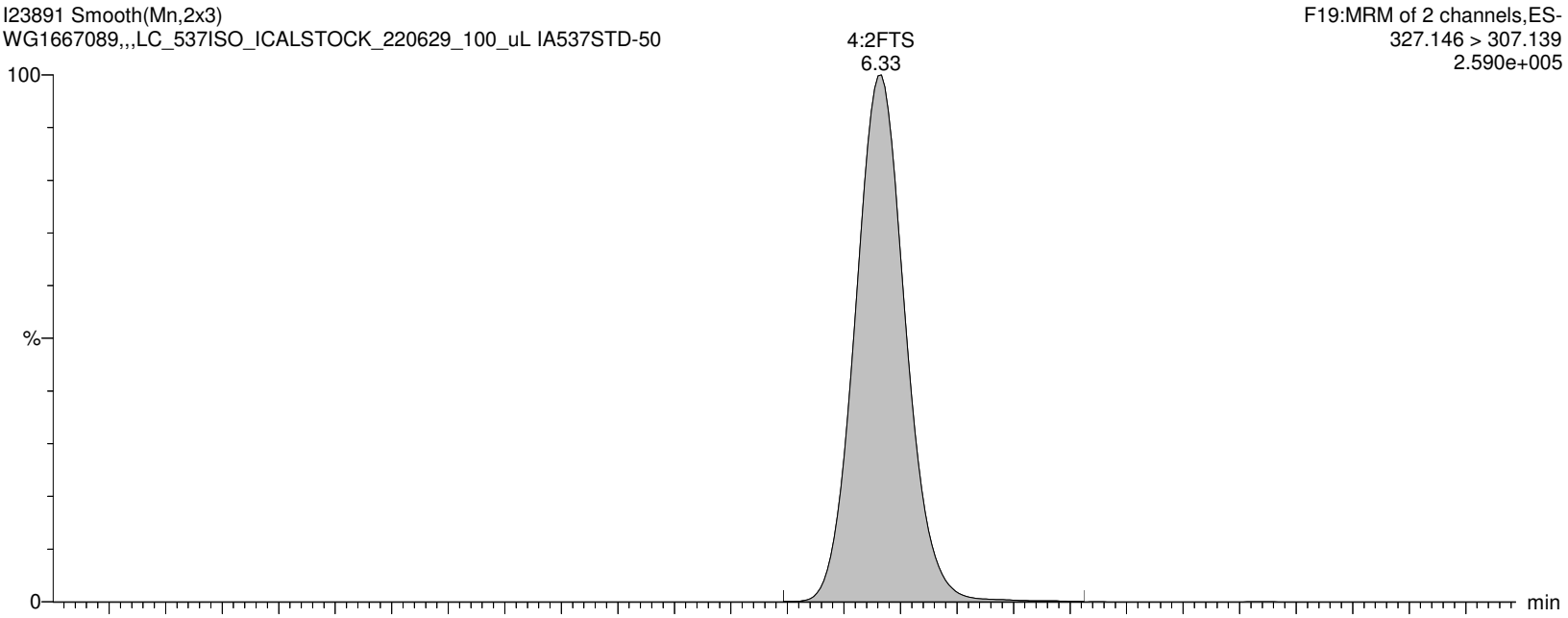


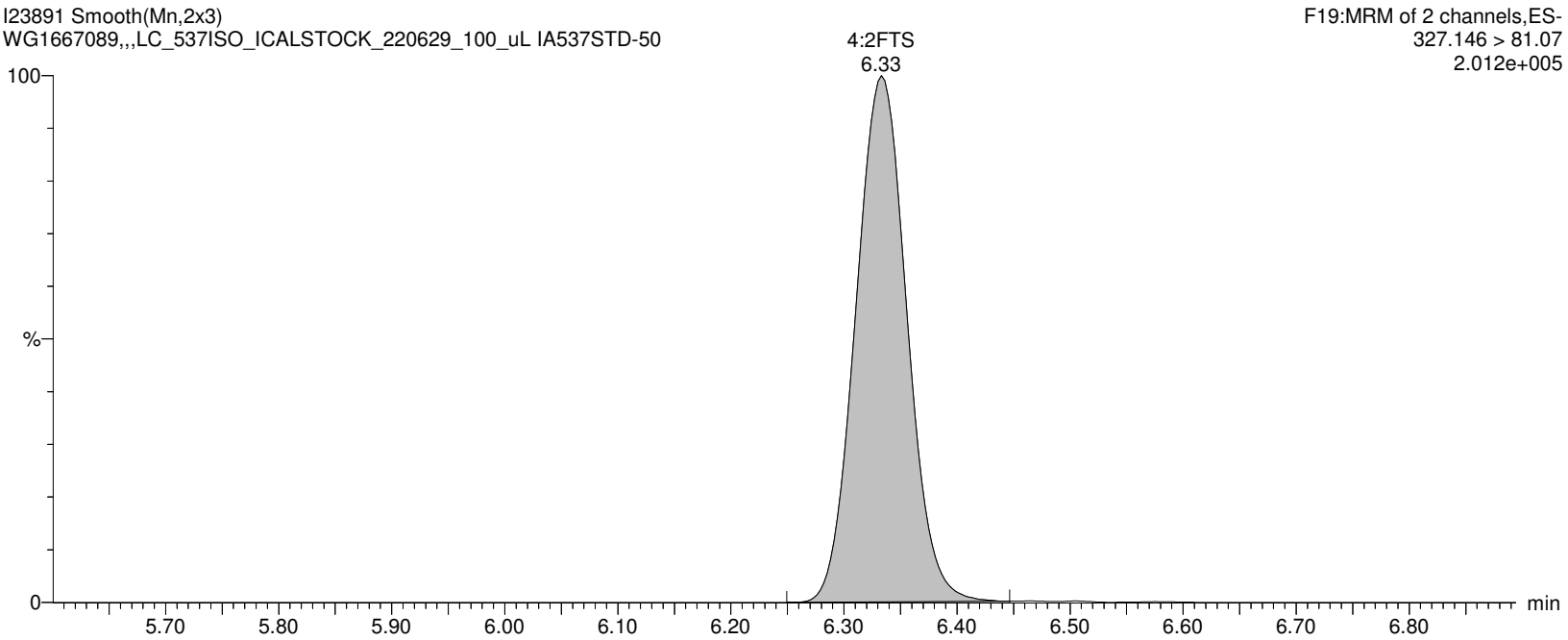
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

4:2FTS



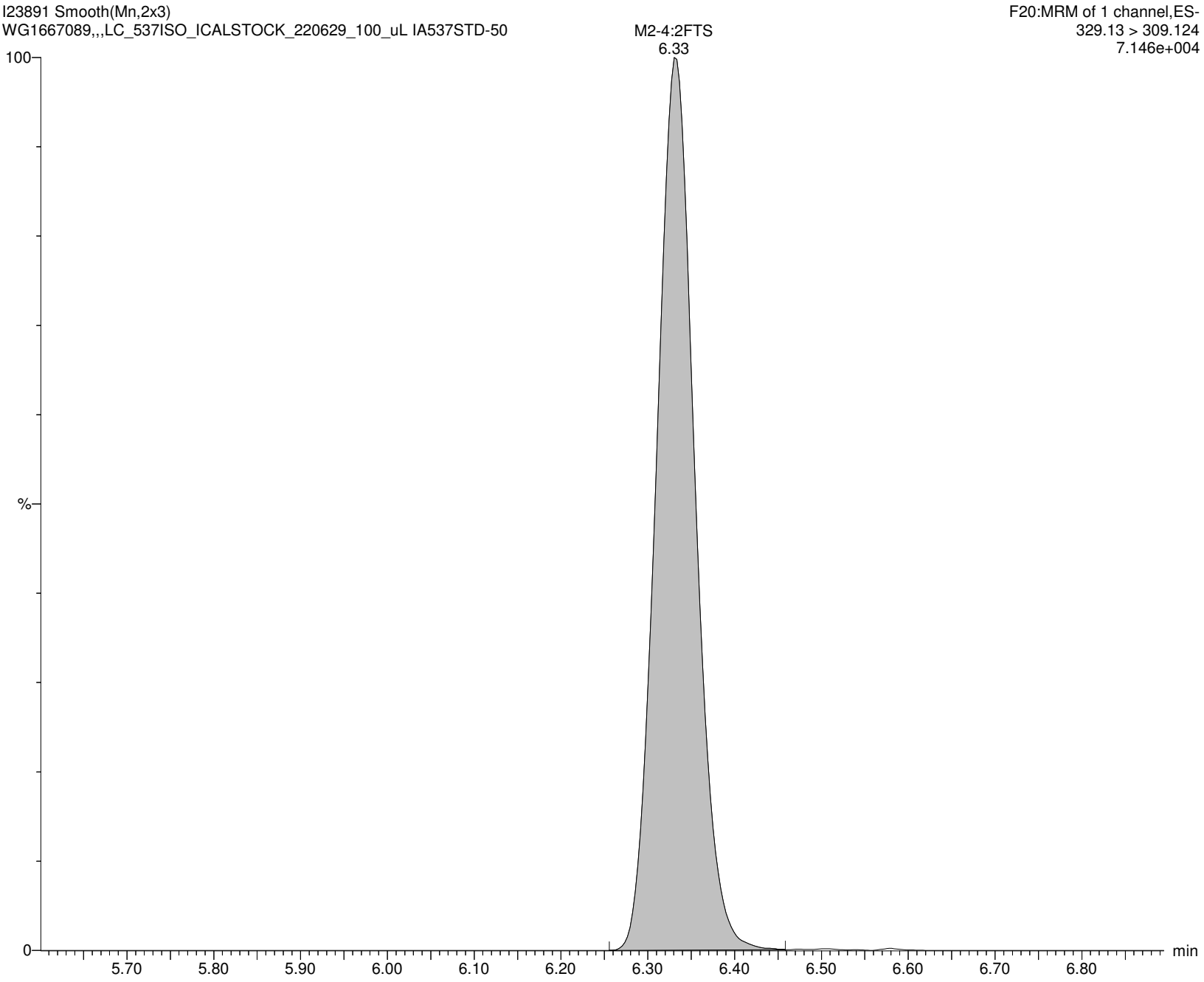


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2-4:2FTS

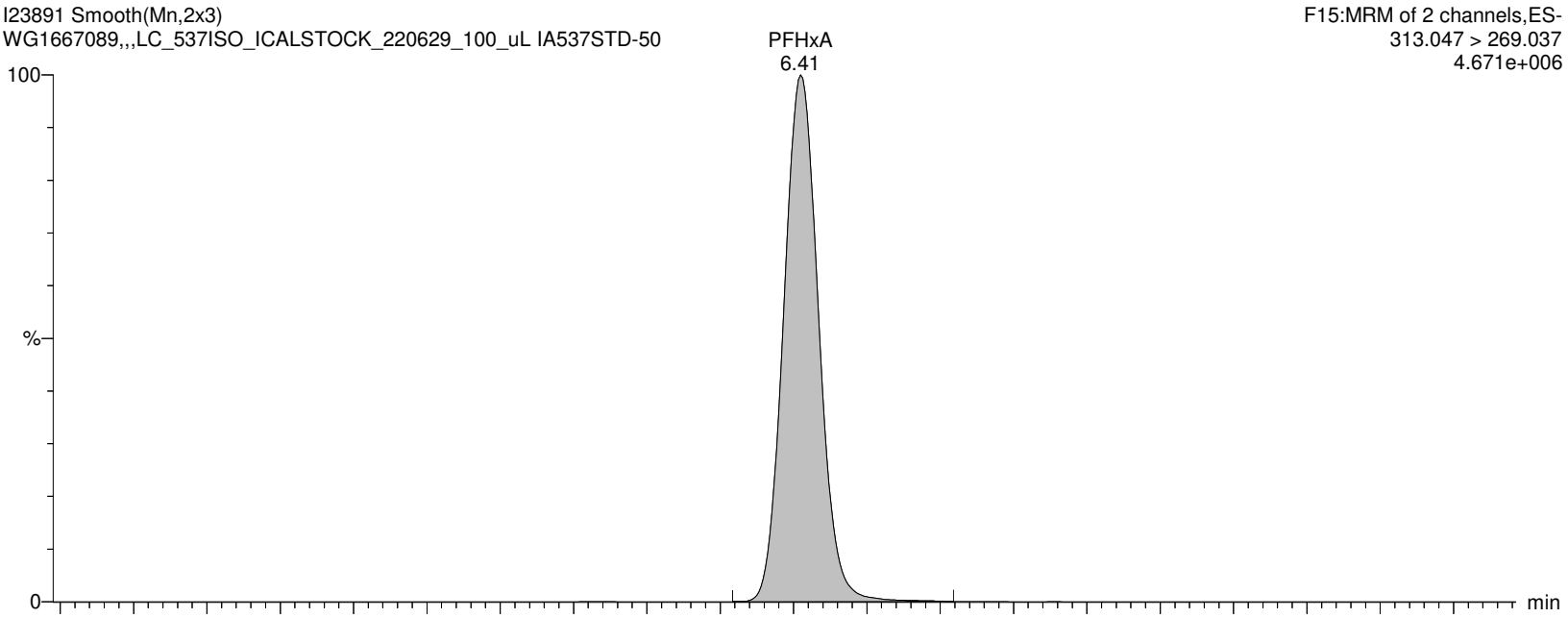


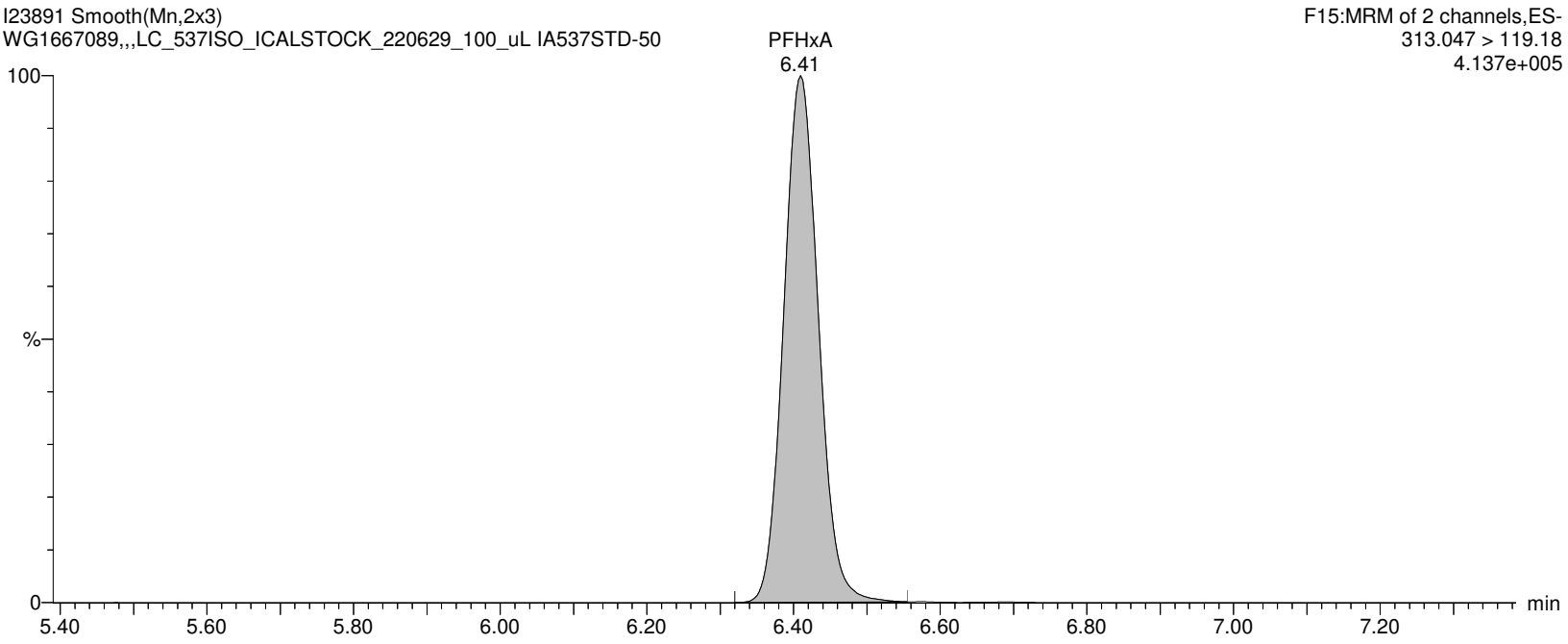
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFHxA



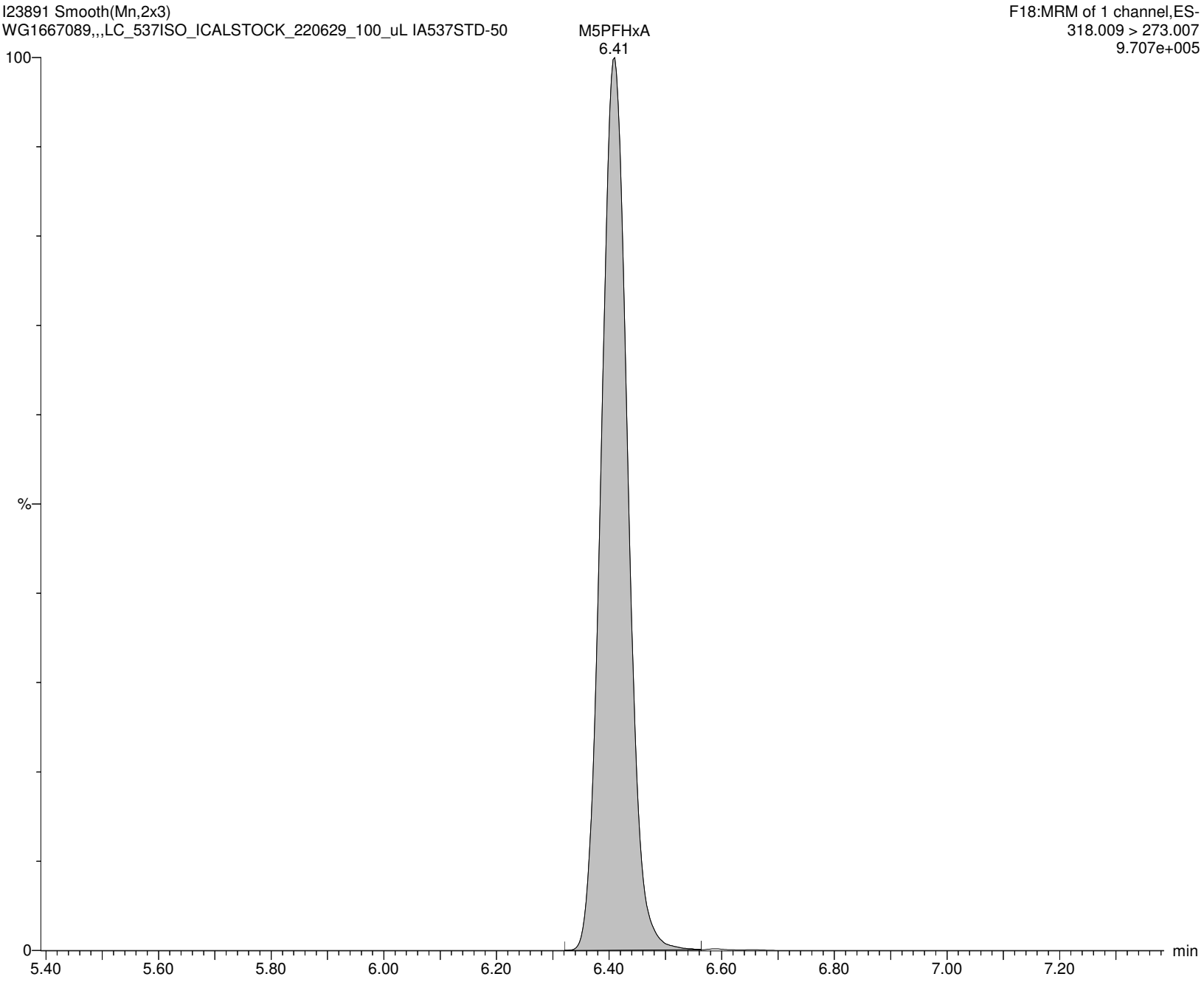


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M5PFHxA

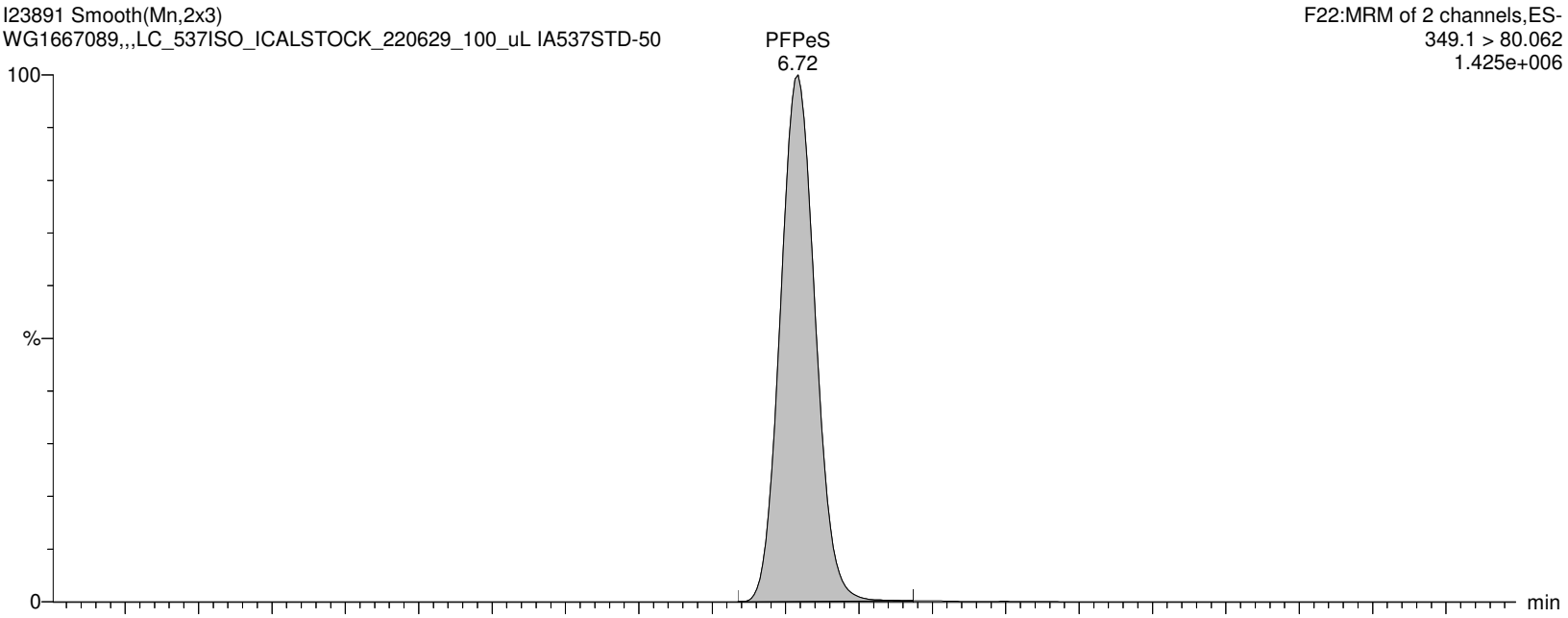


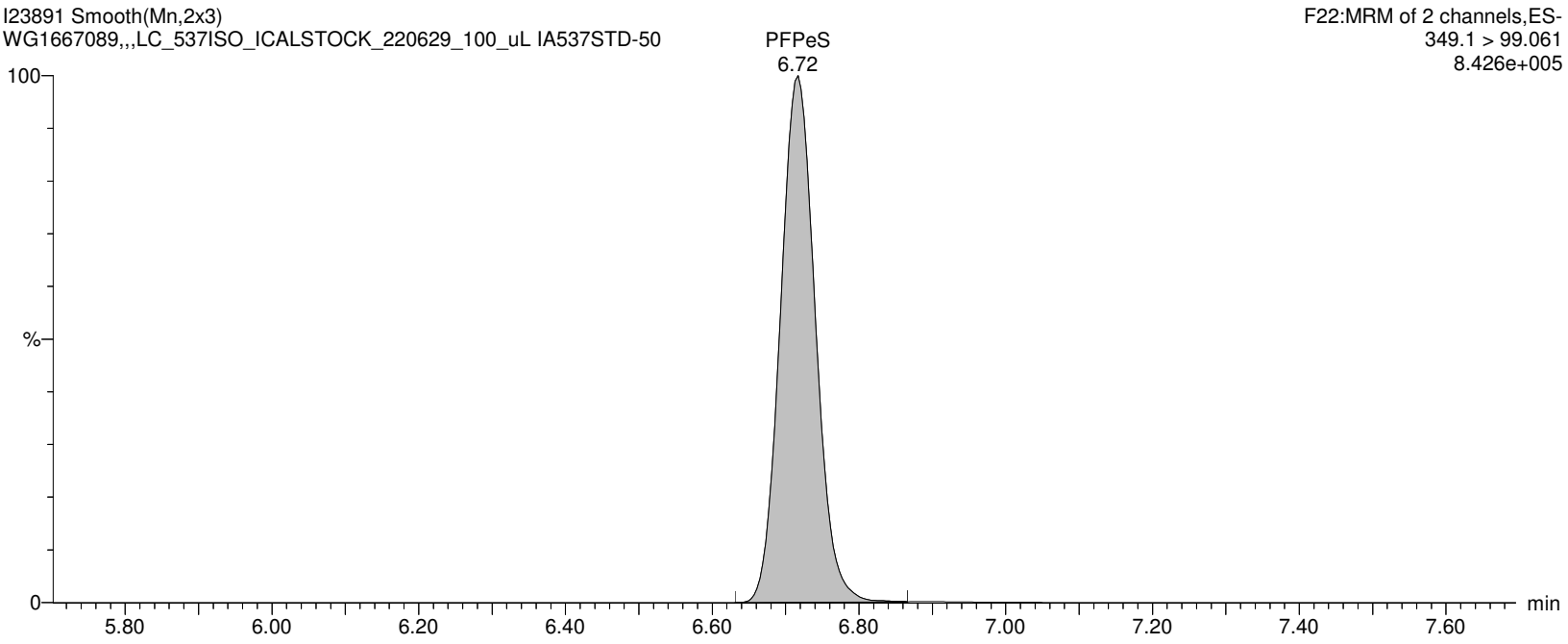
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFPeS



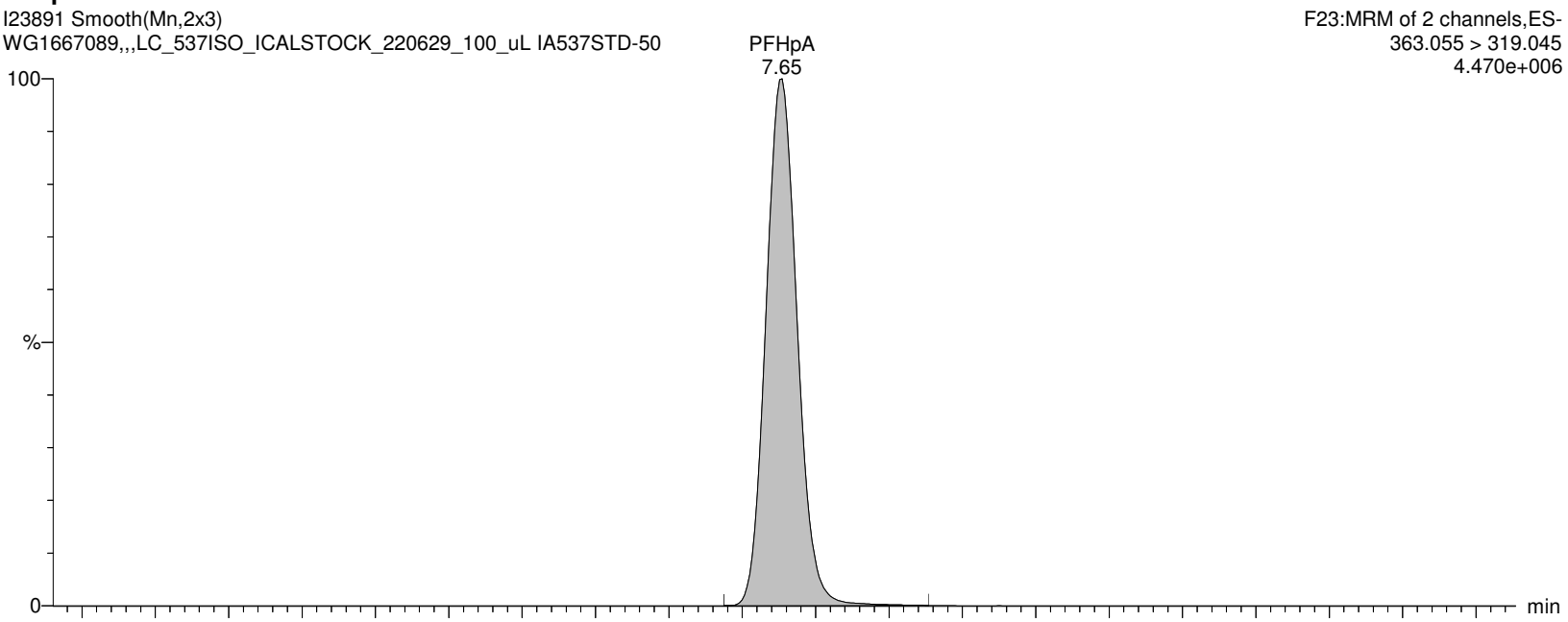


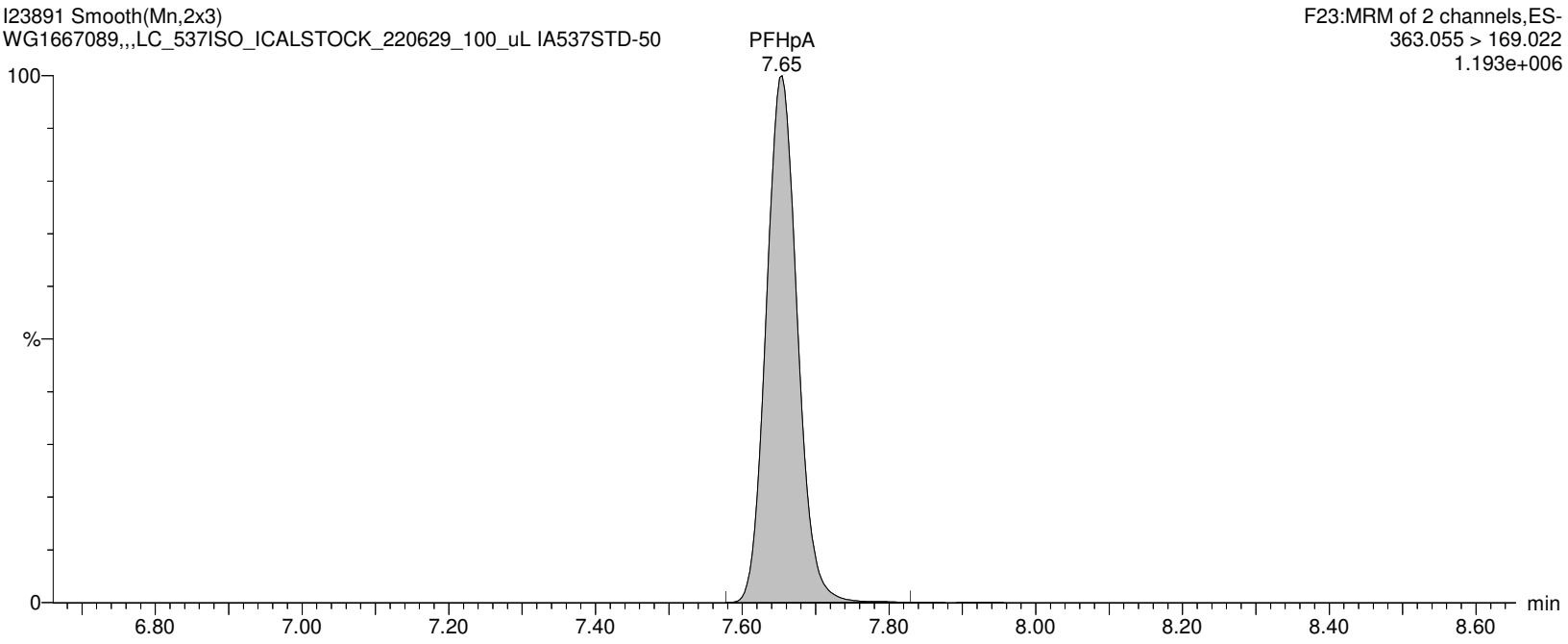
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFHpA



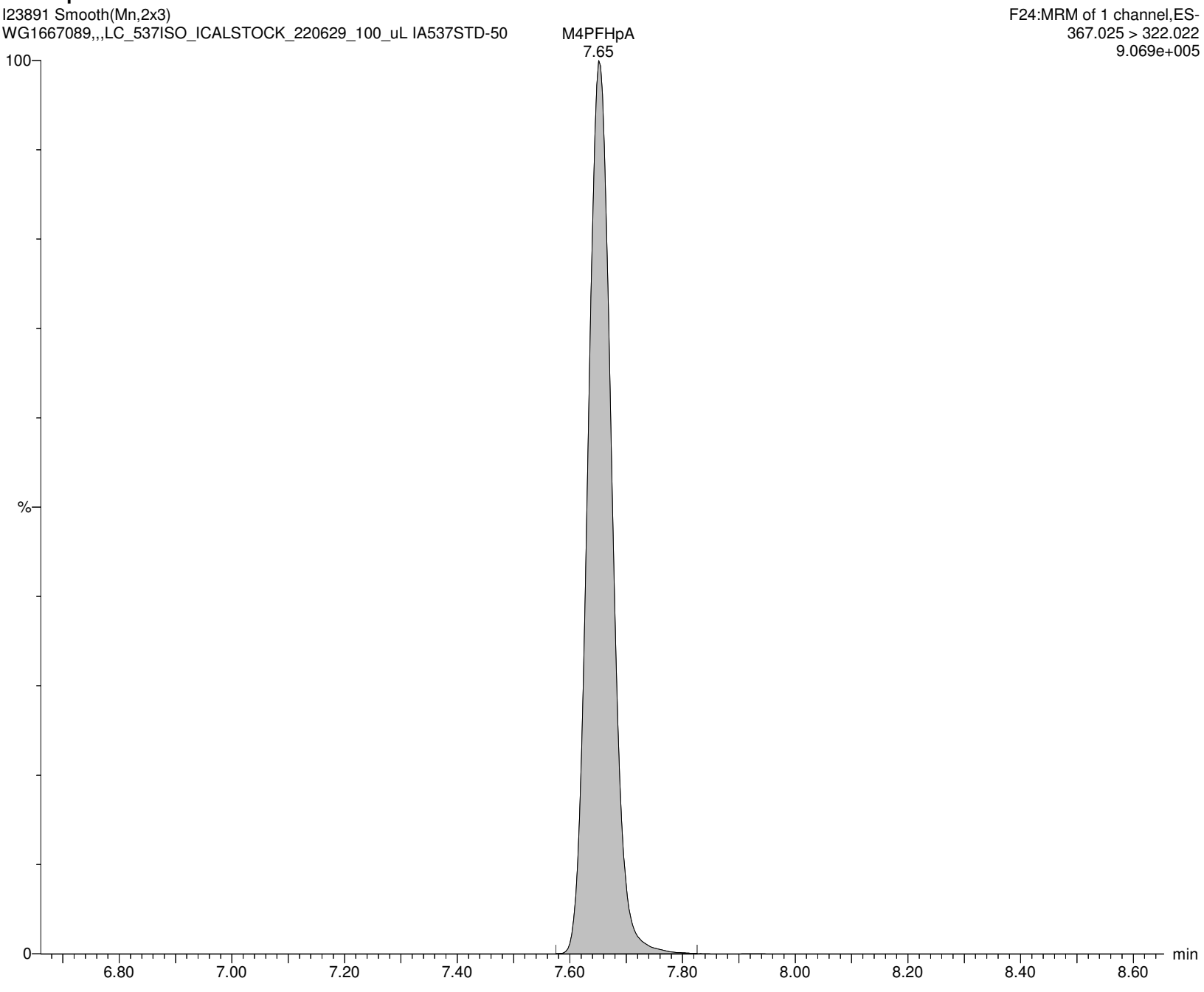


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M4PFHpA

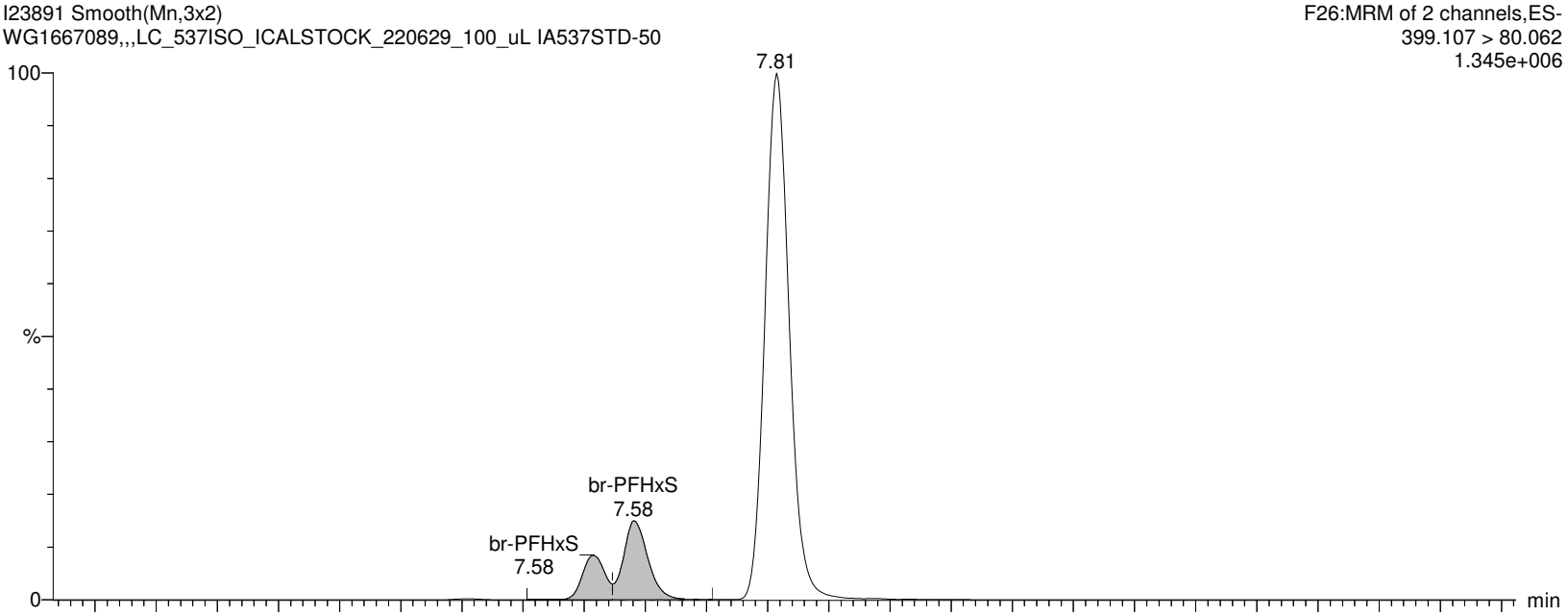


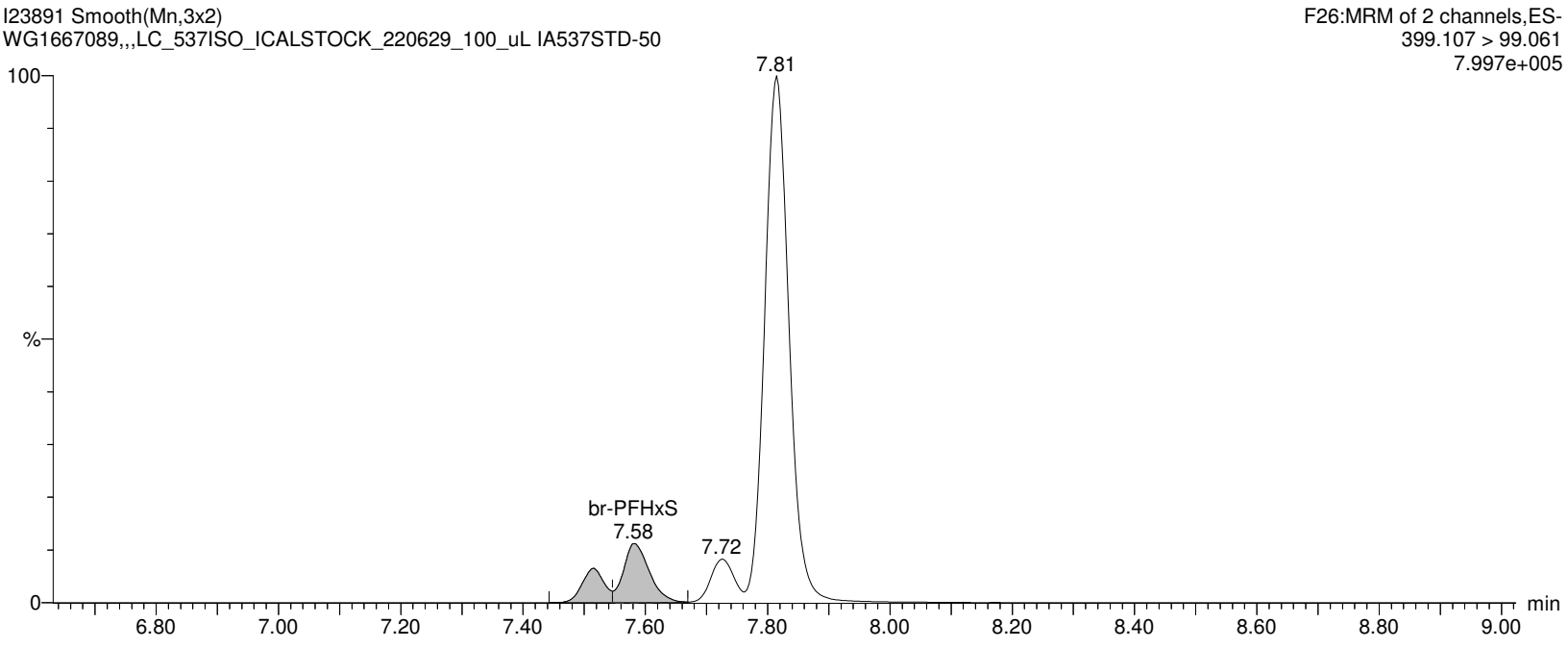
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

br-PFHxS



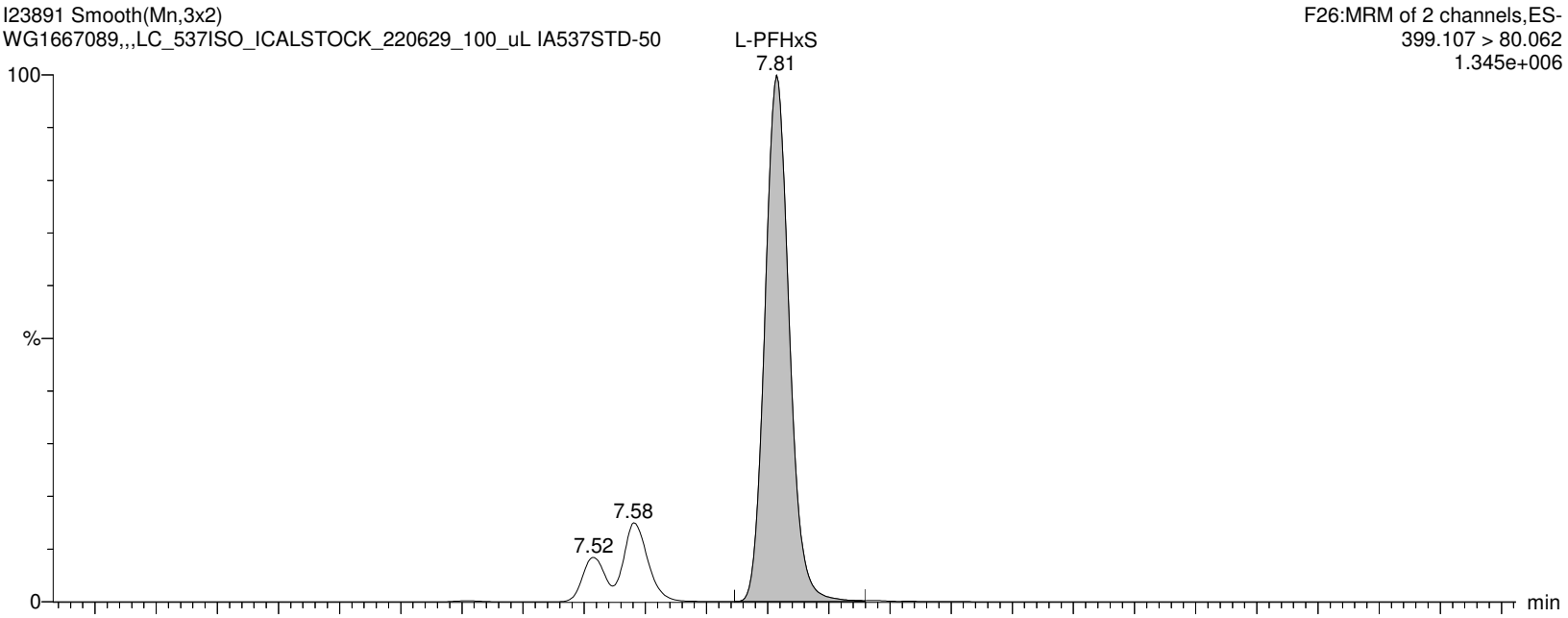


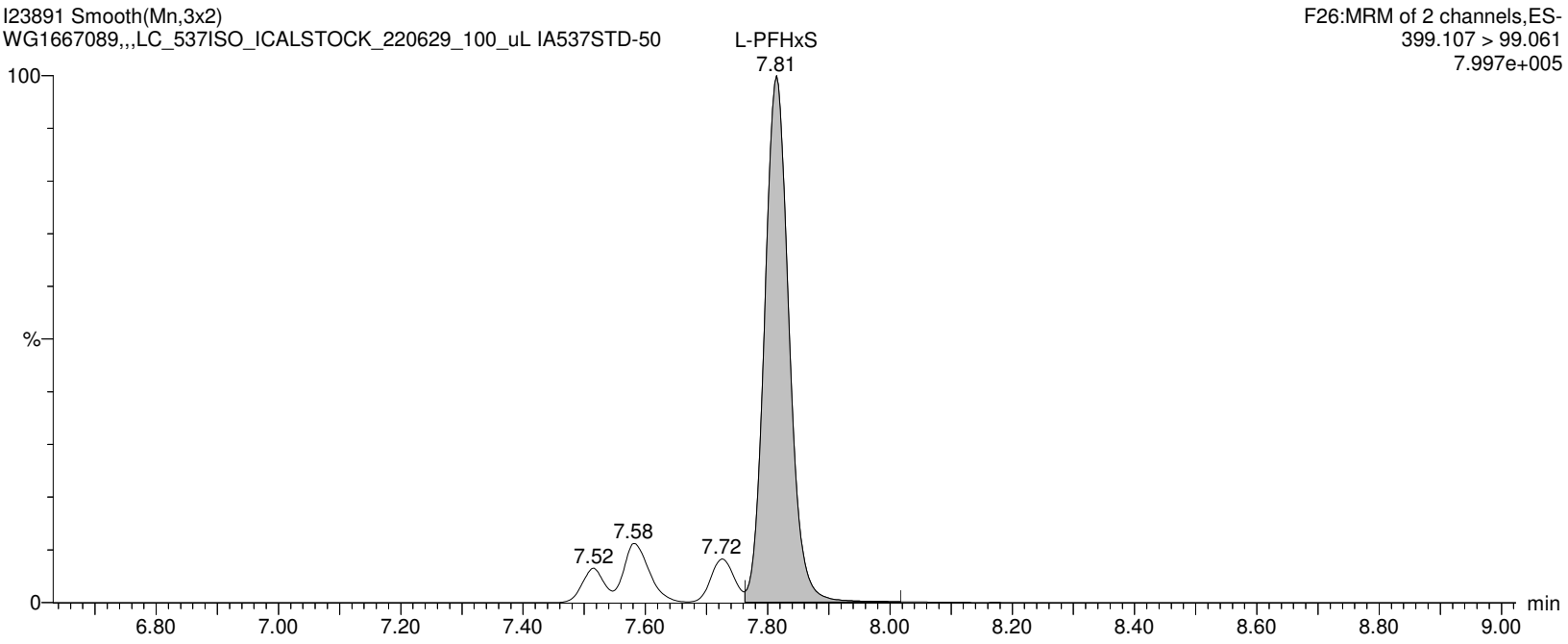
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

L-PFHxS



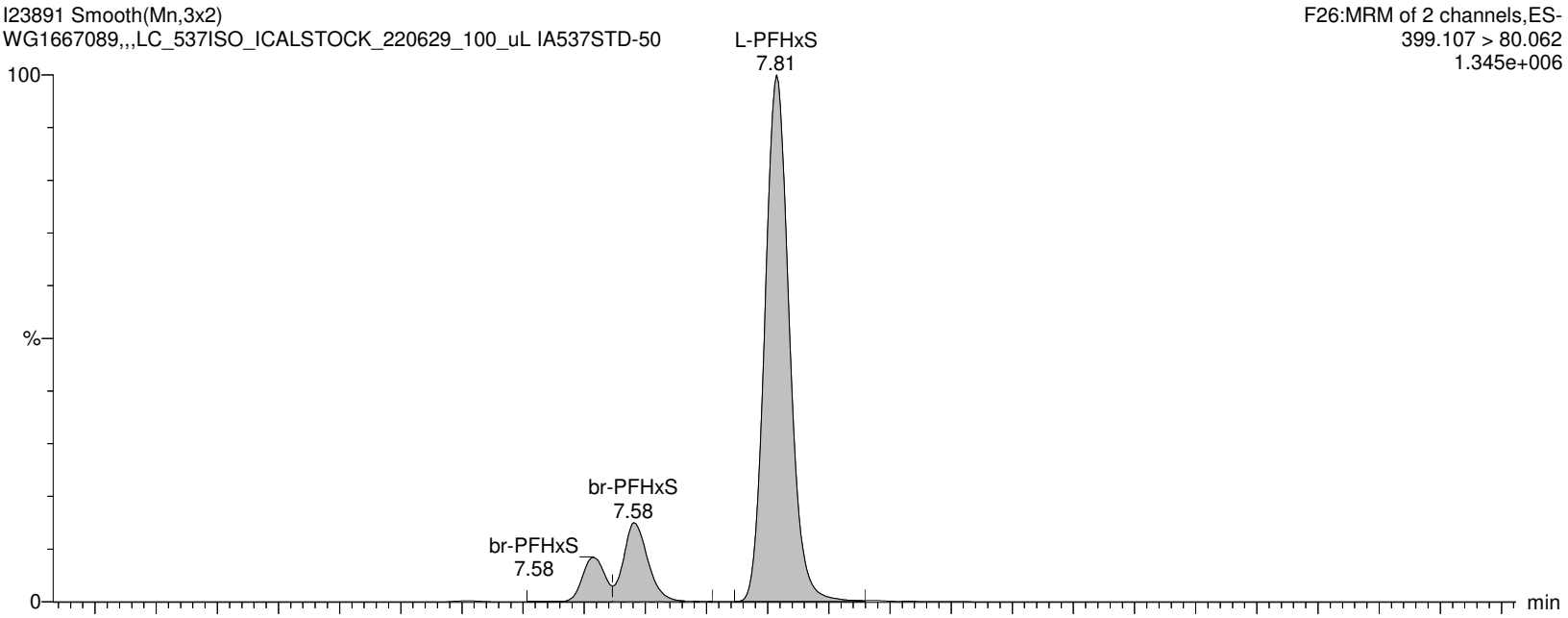


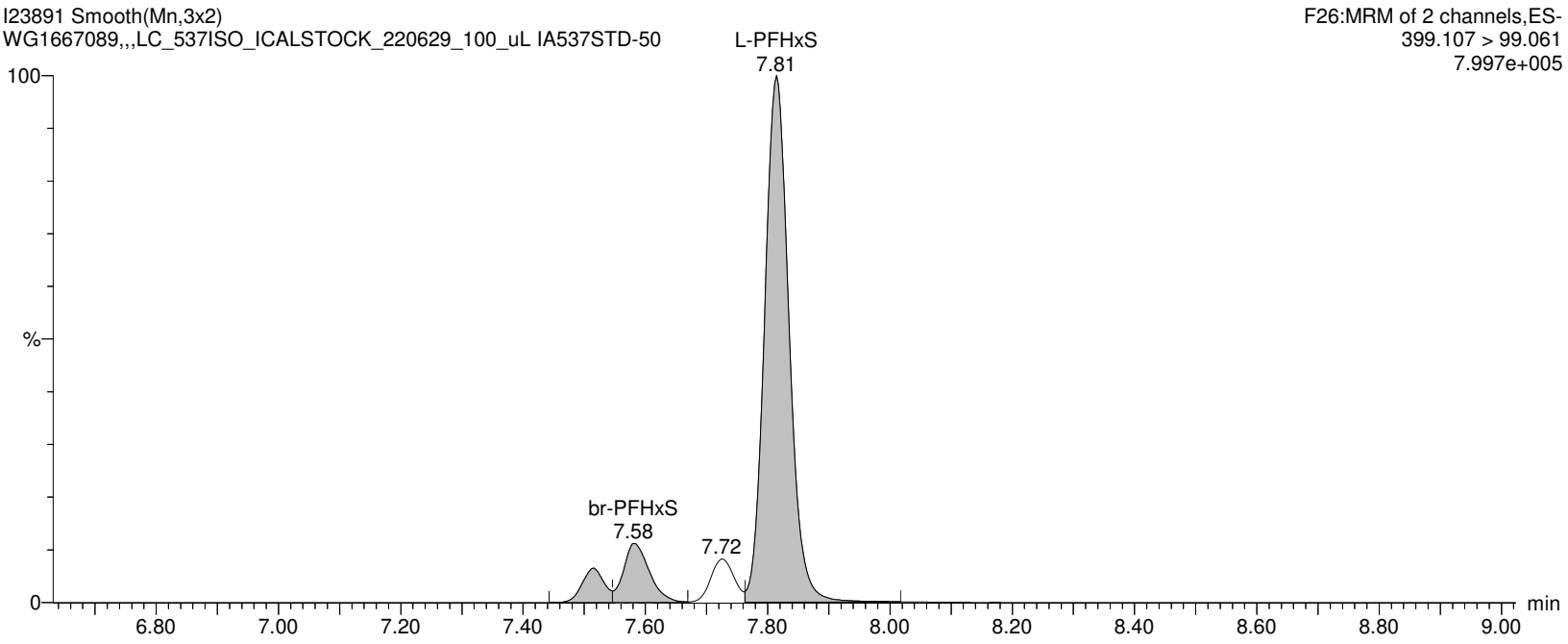
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFHxS



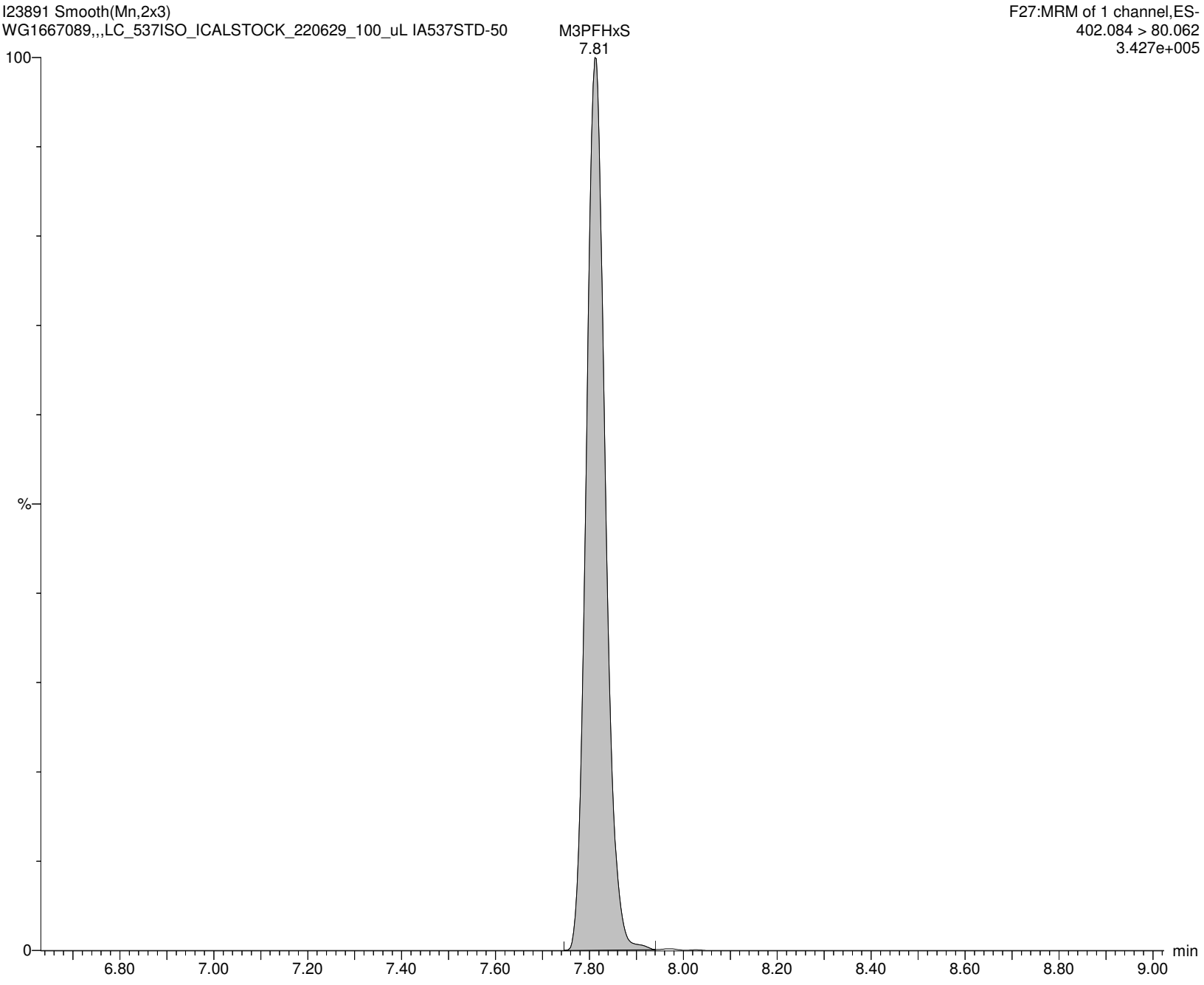


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M3PFHxS

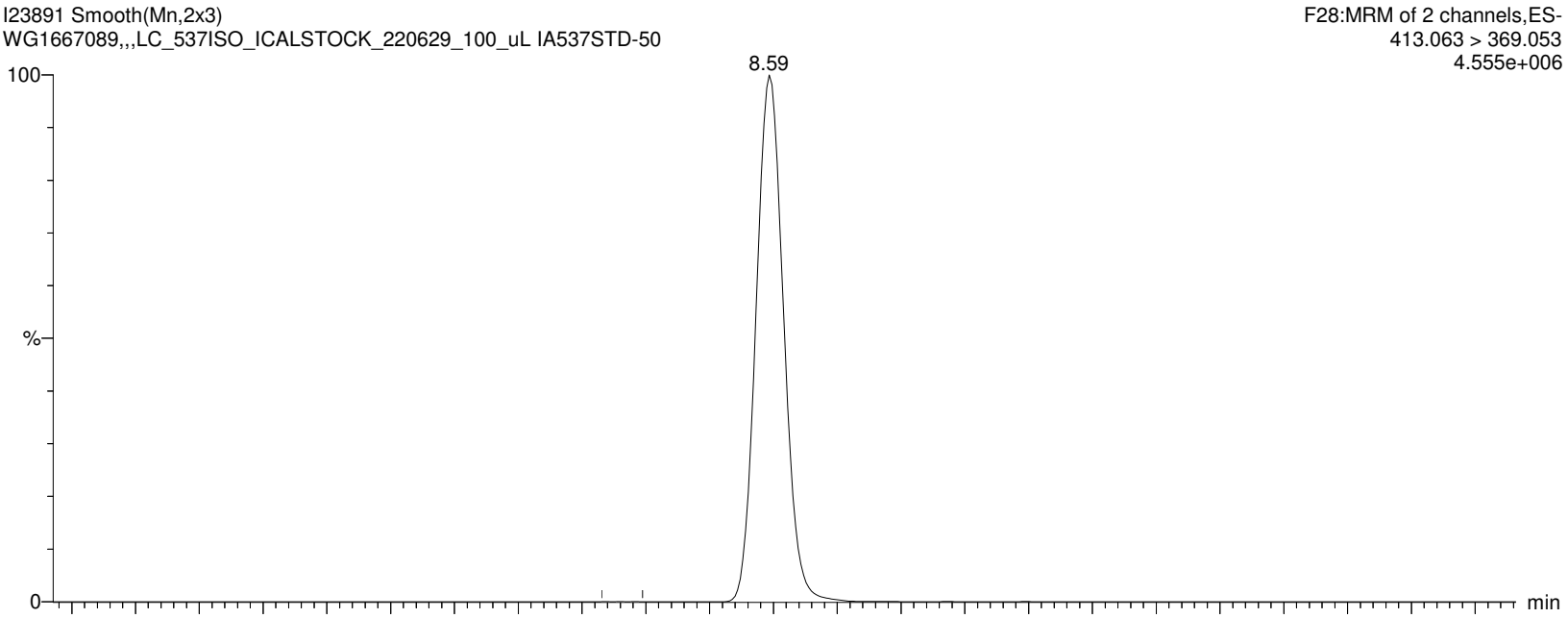


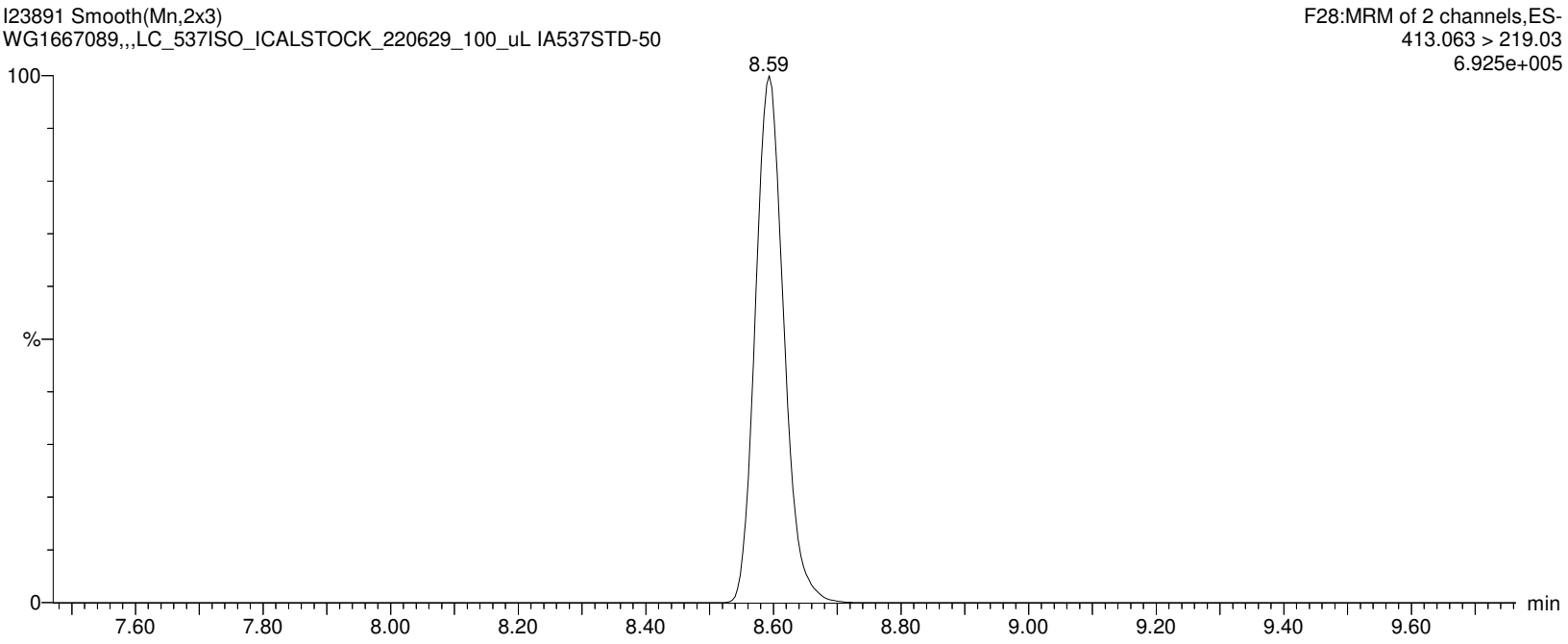
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

br-PFOA



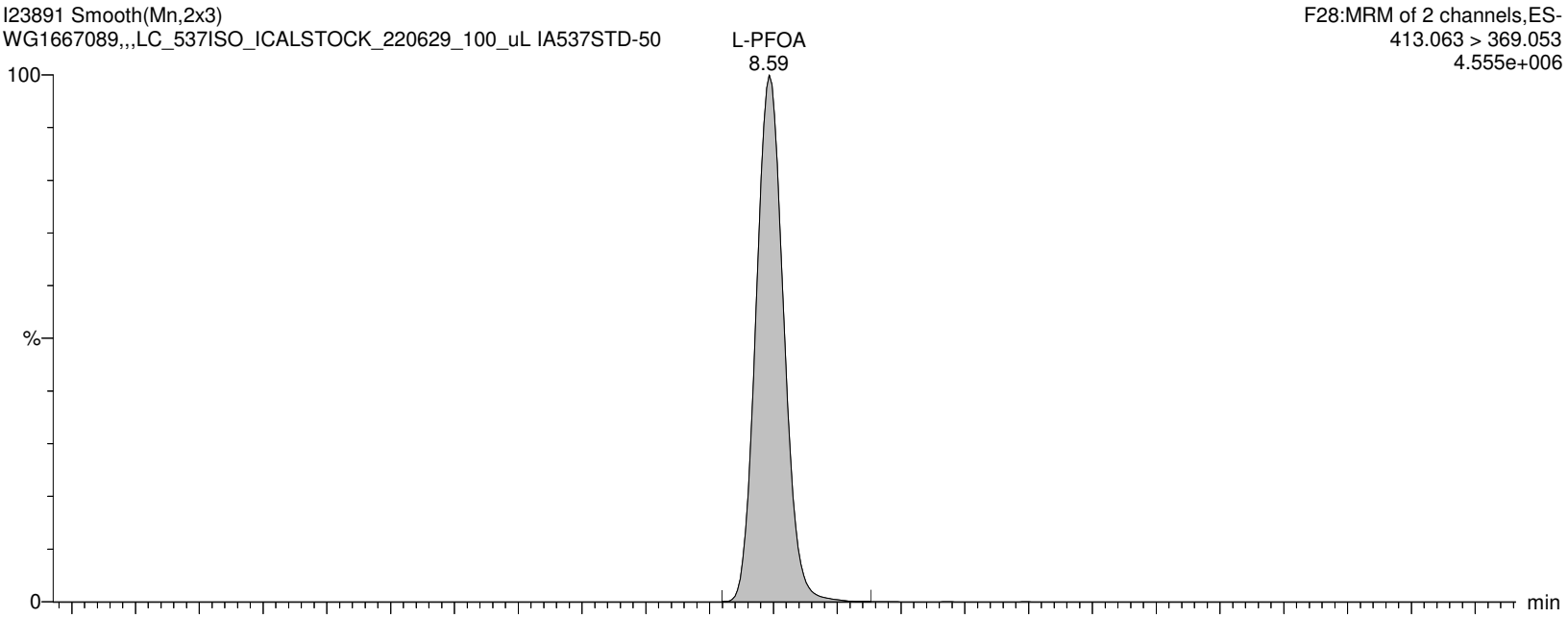


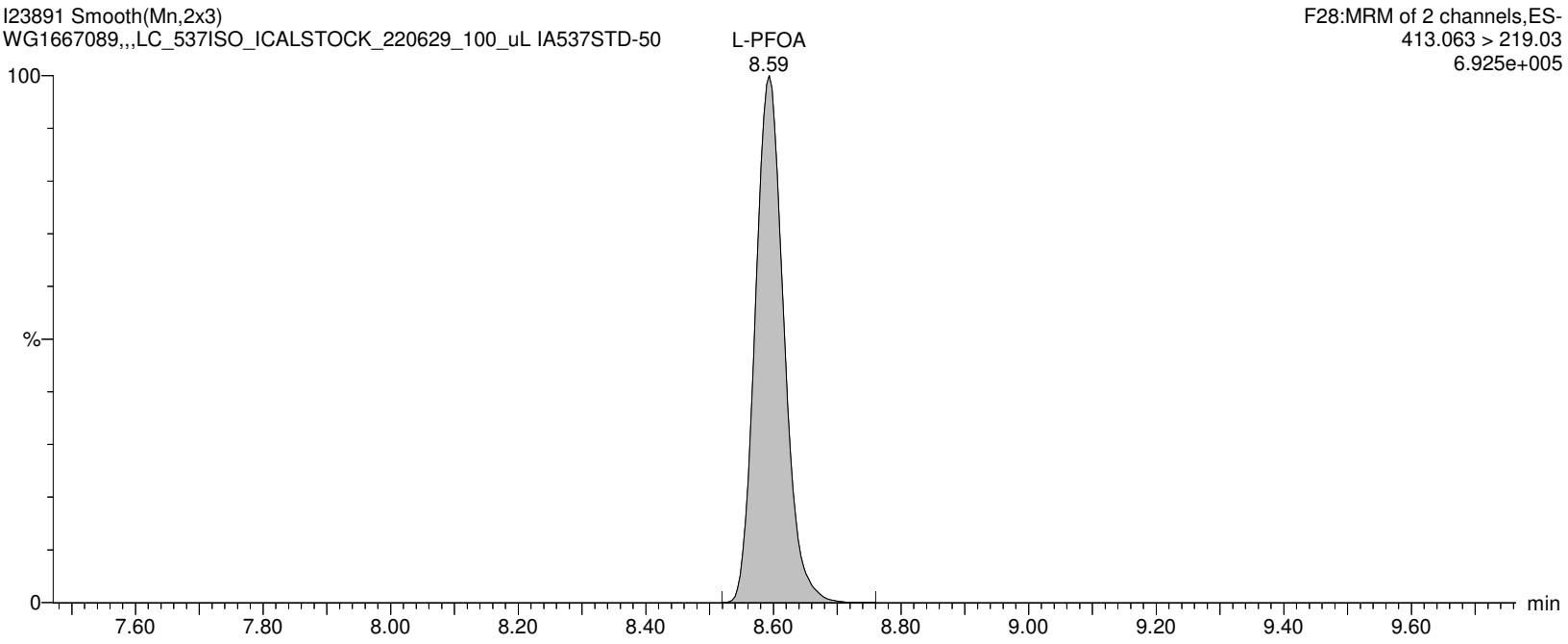
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

L-PFOA



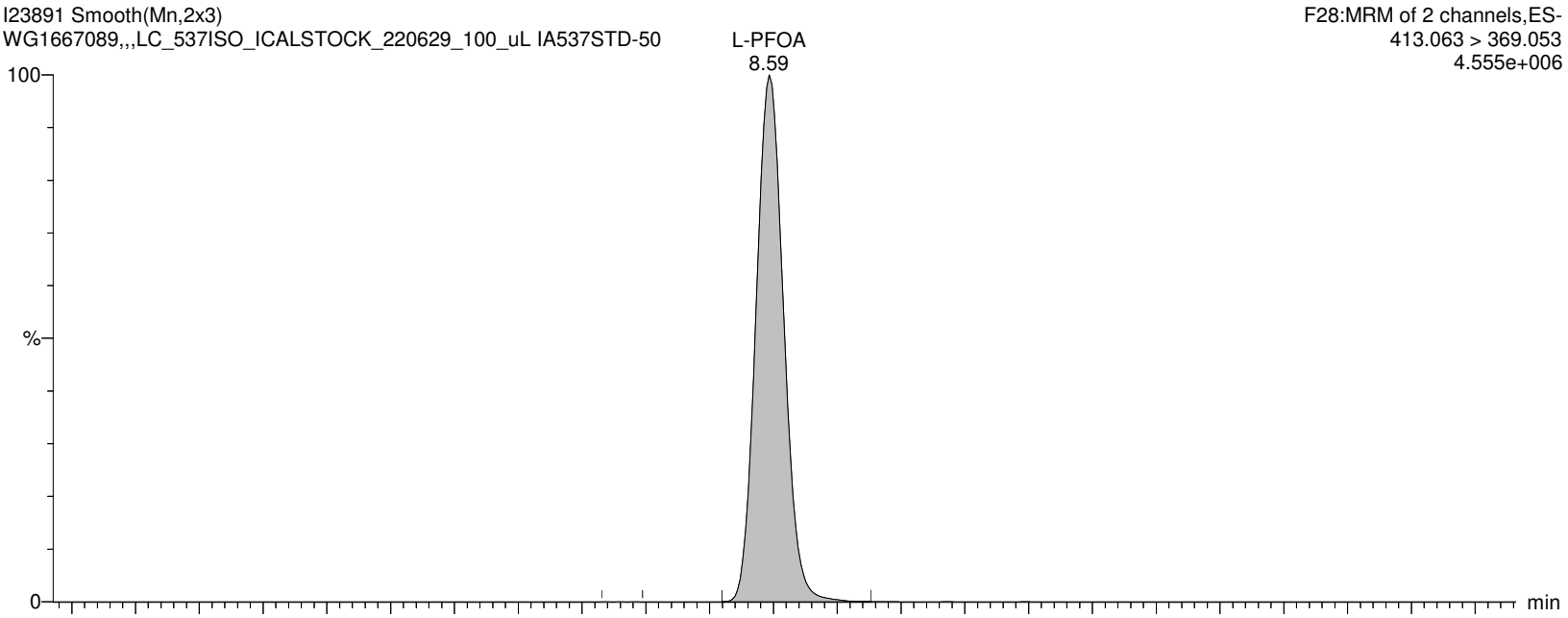


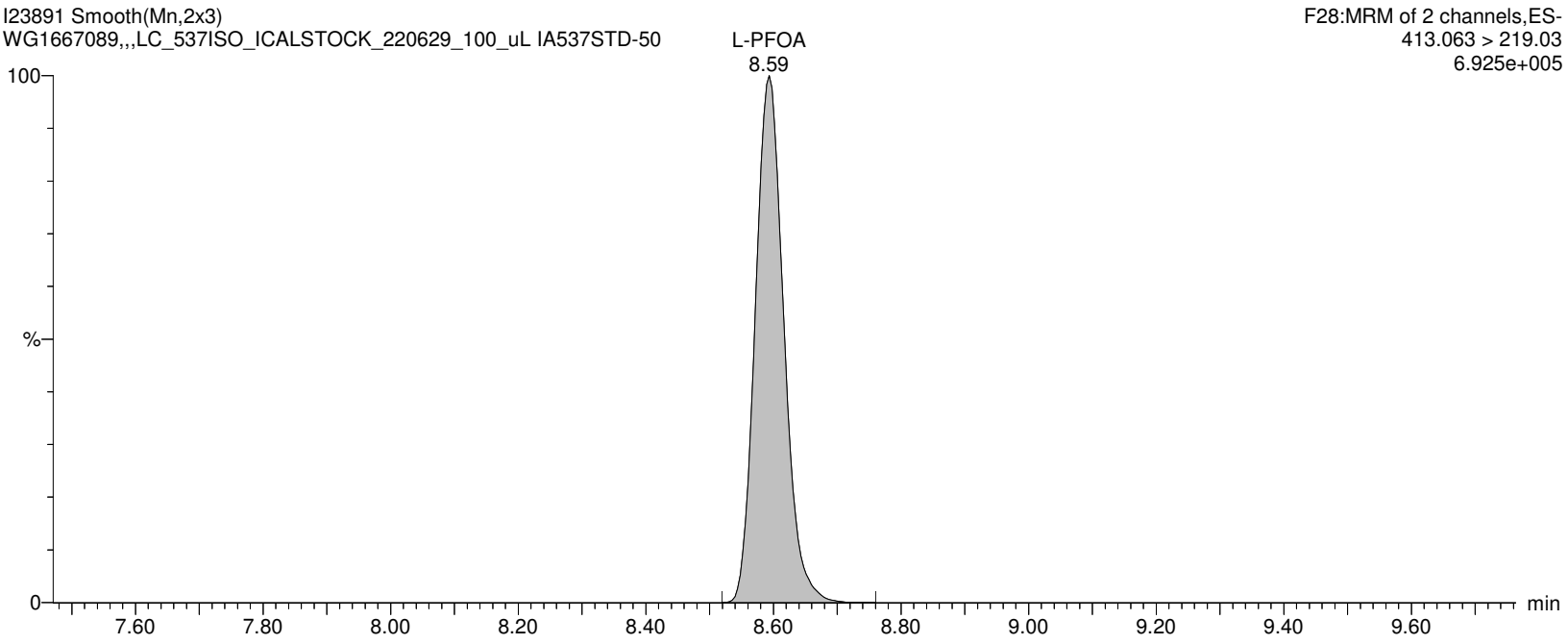
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFOA



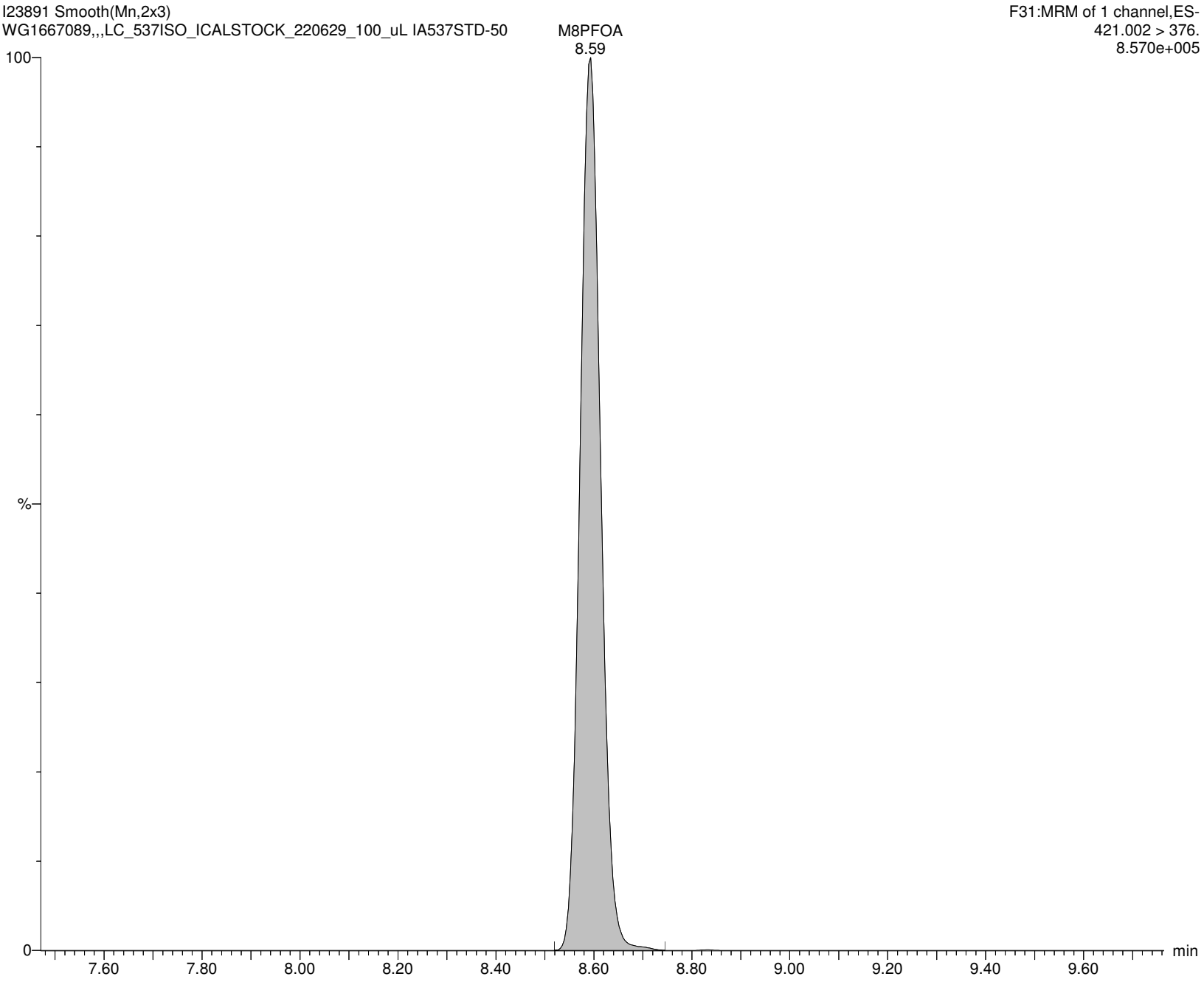


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M8PFOA

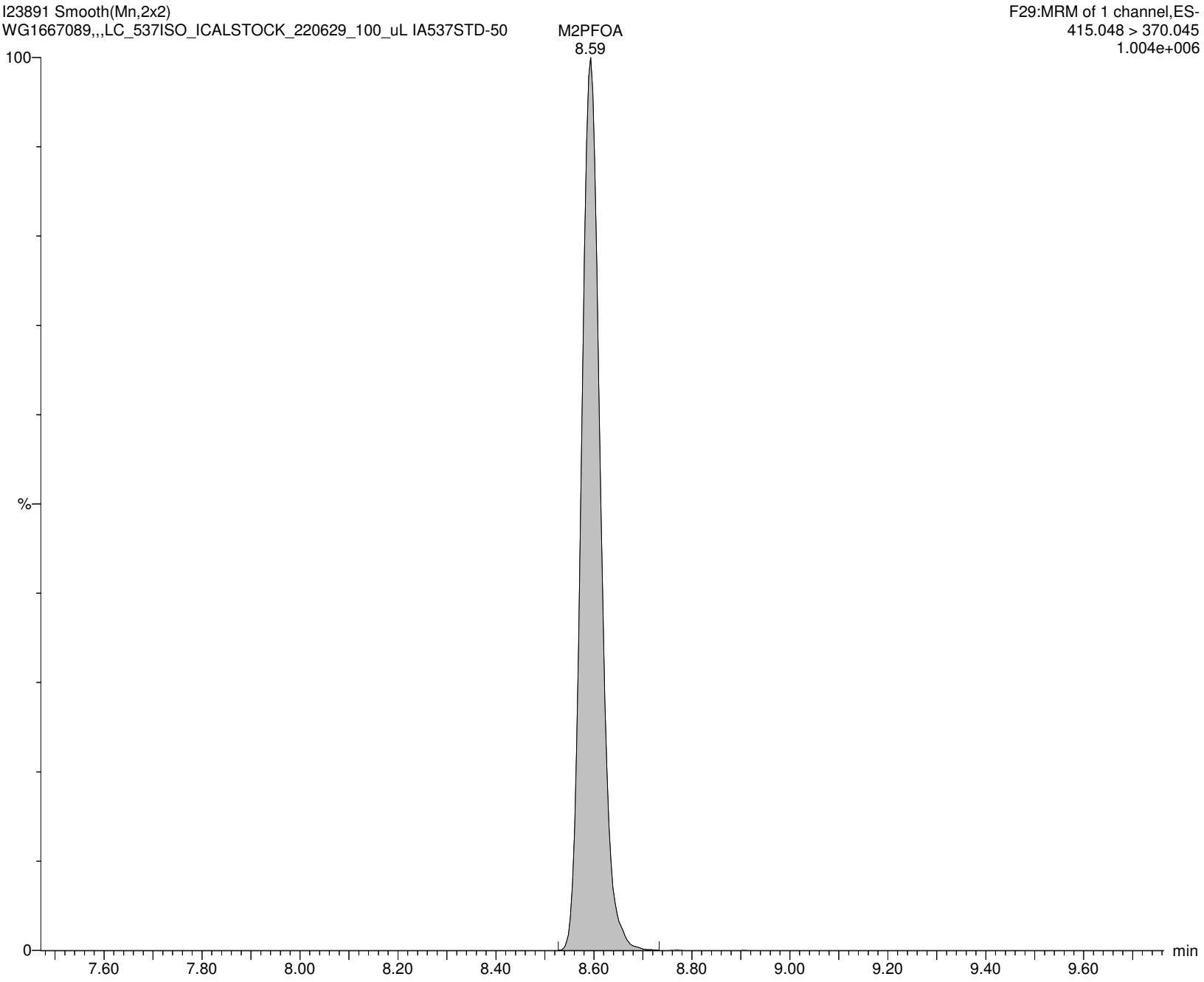


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2PFOA

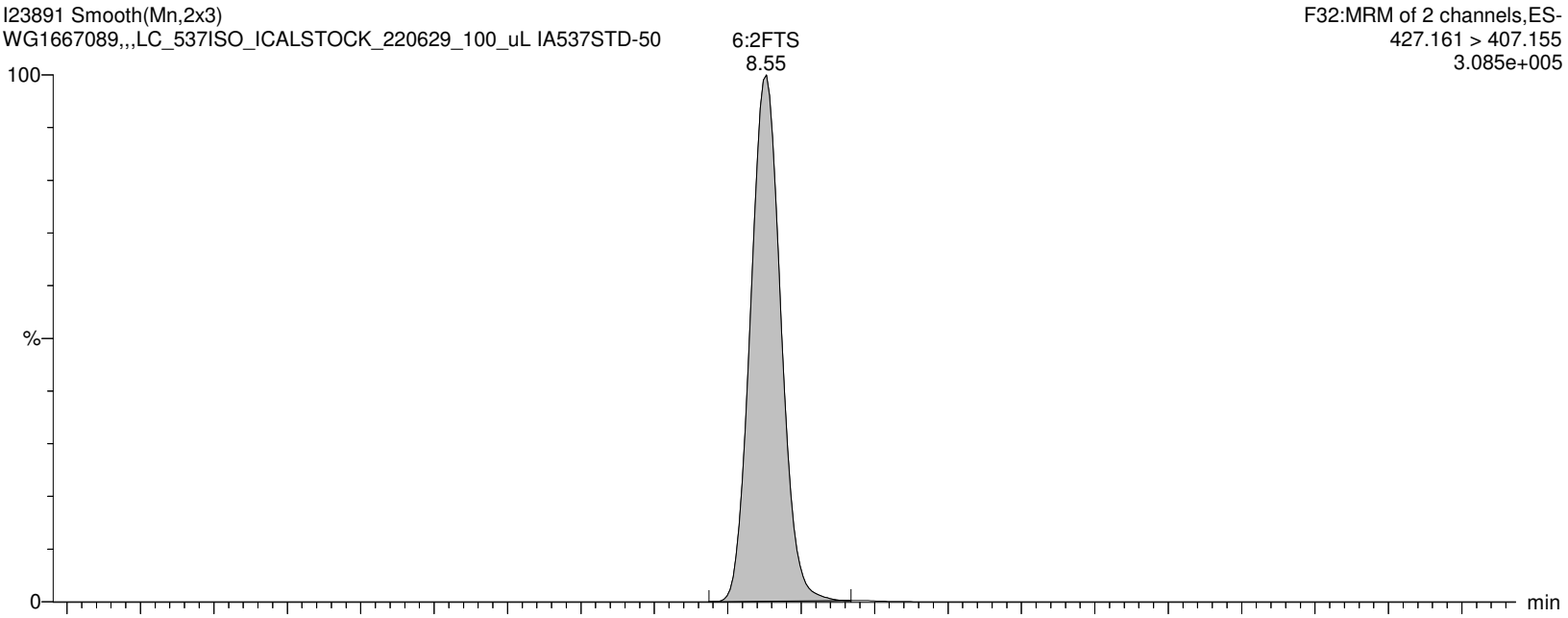


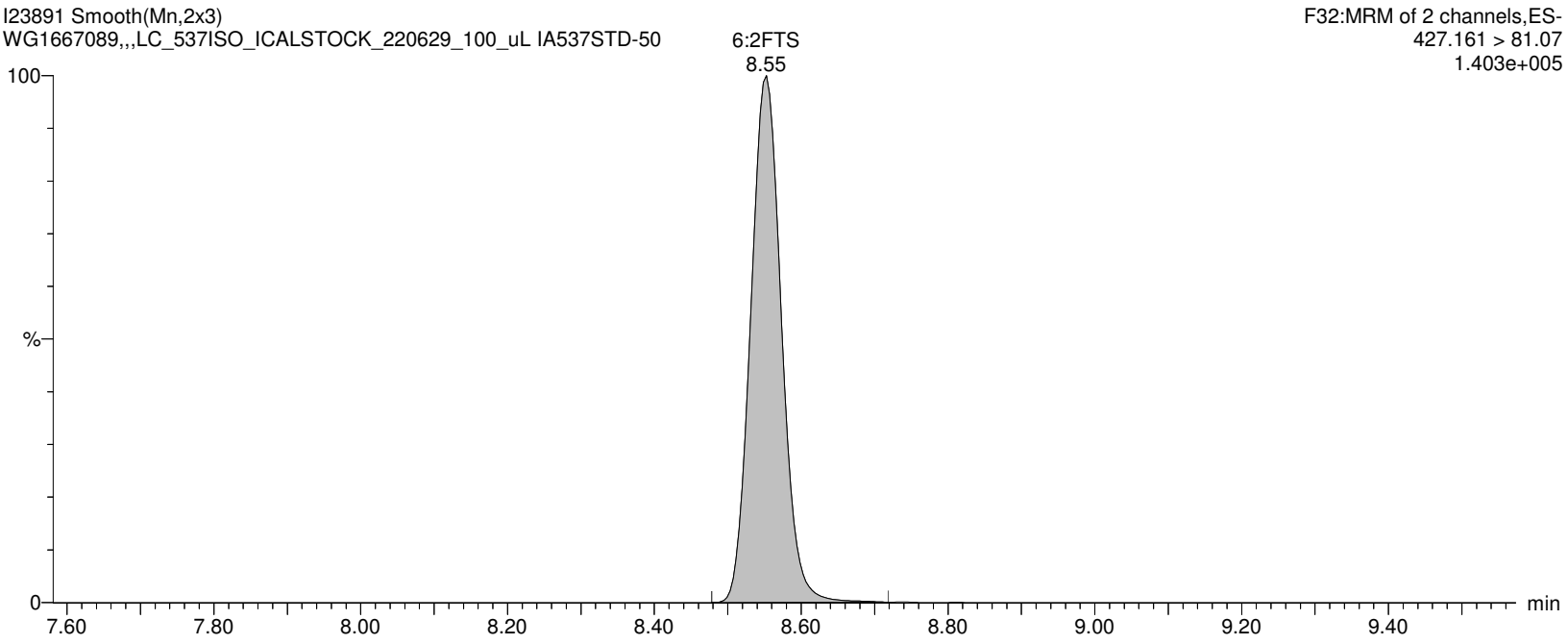
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

6:2FTS



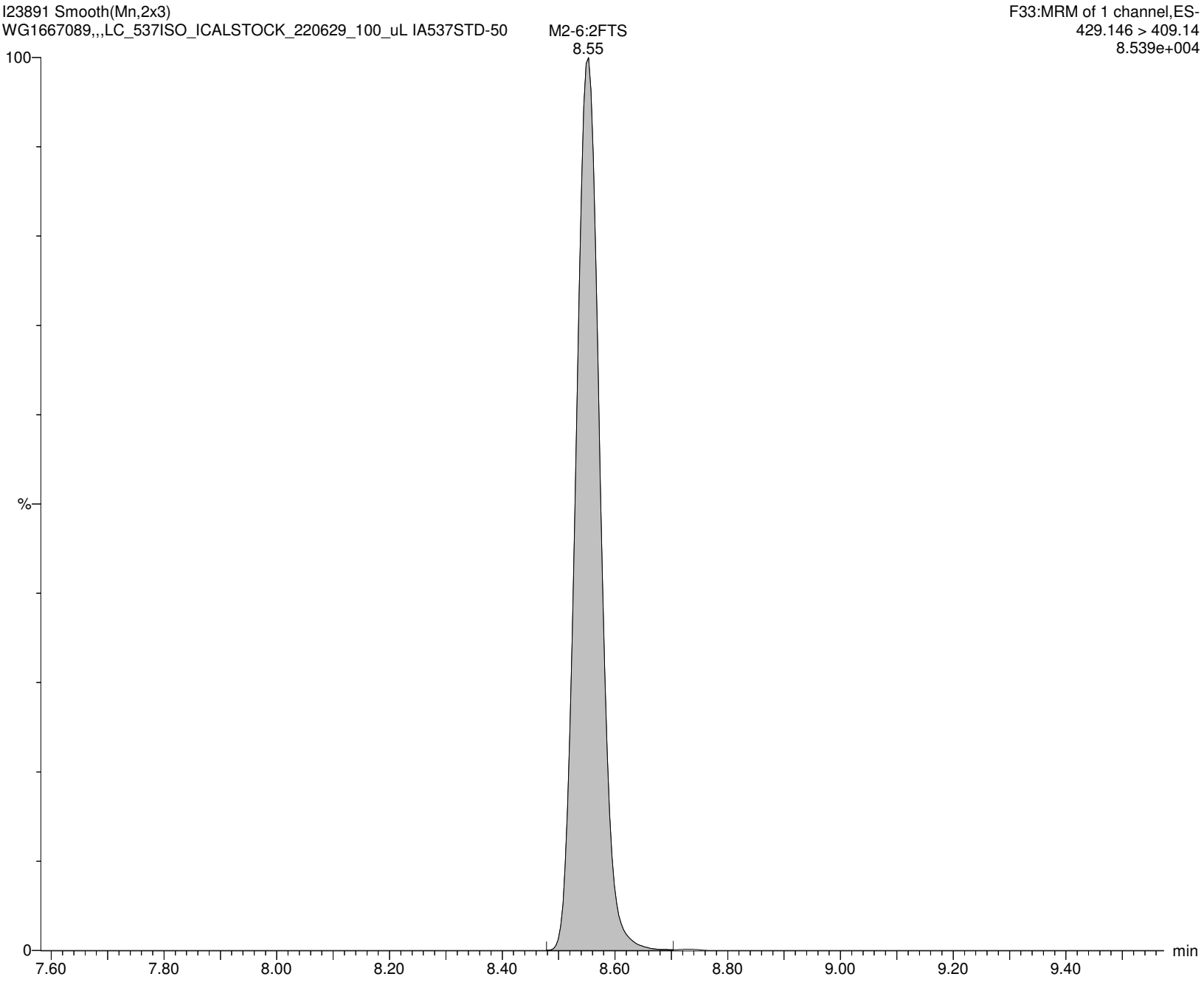


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2-6:2FTS

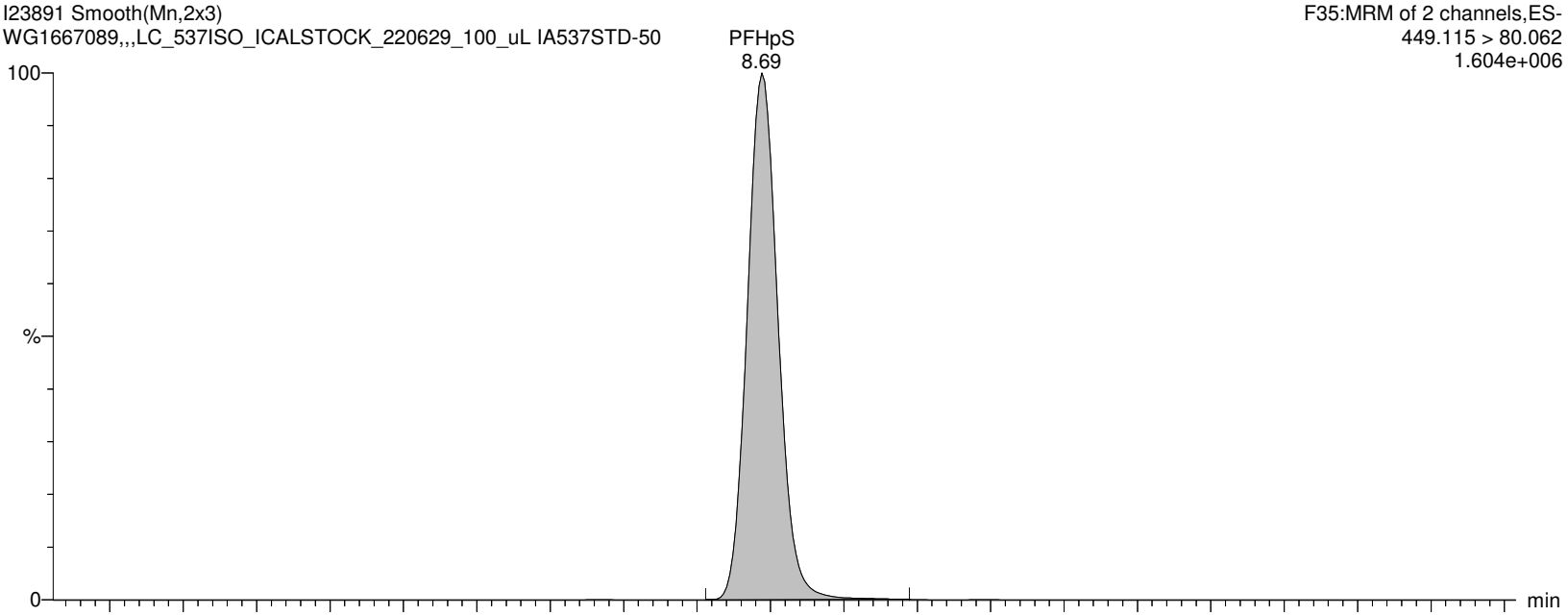


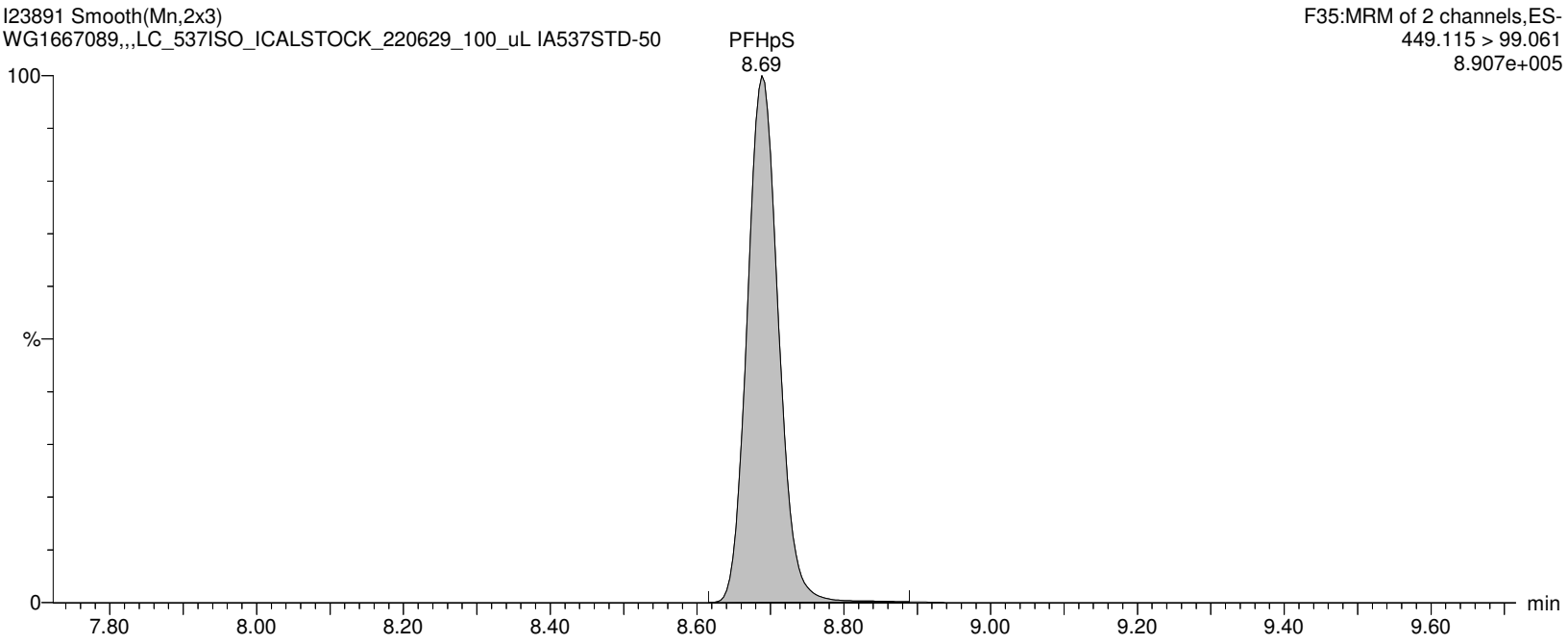
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFHpS



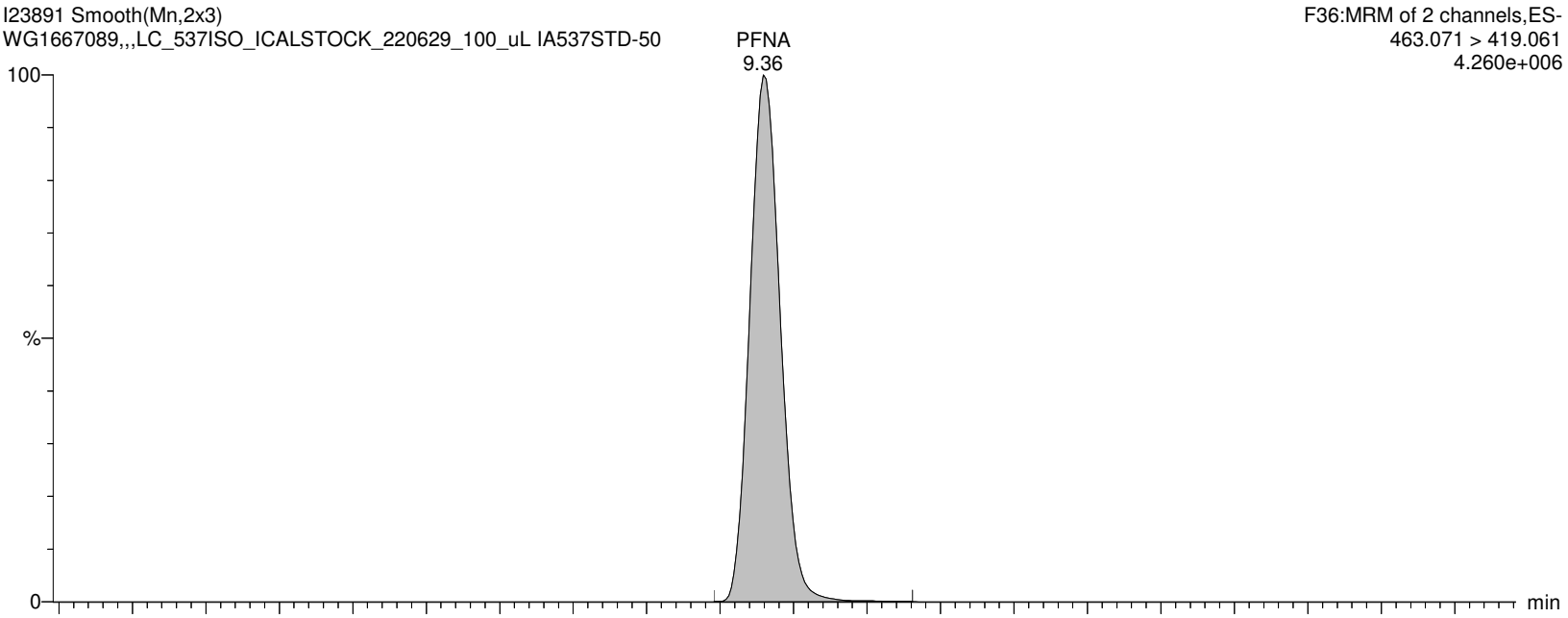


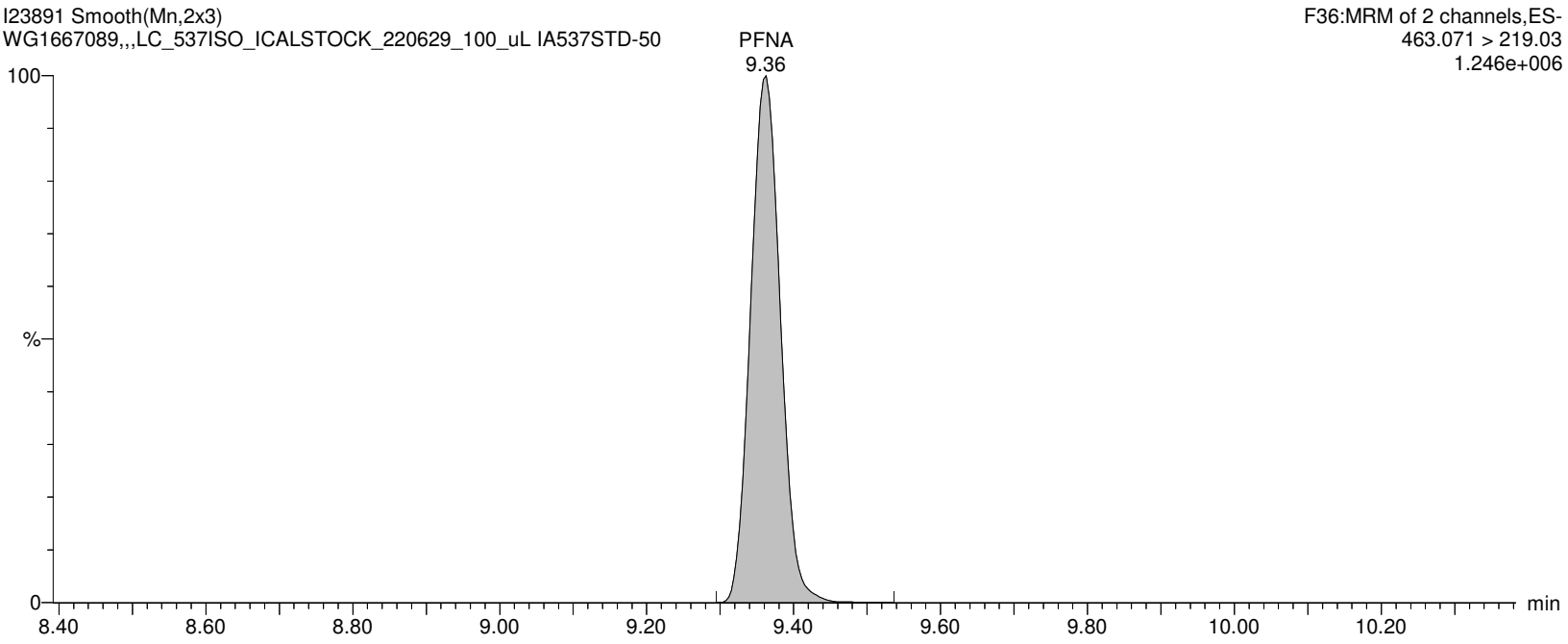
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFNA



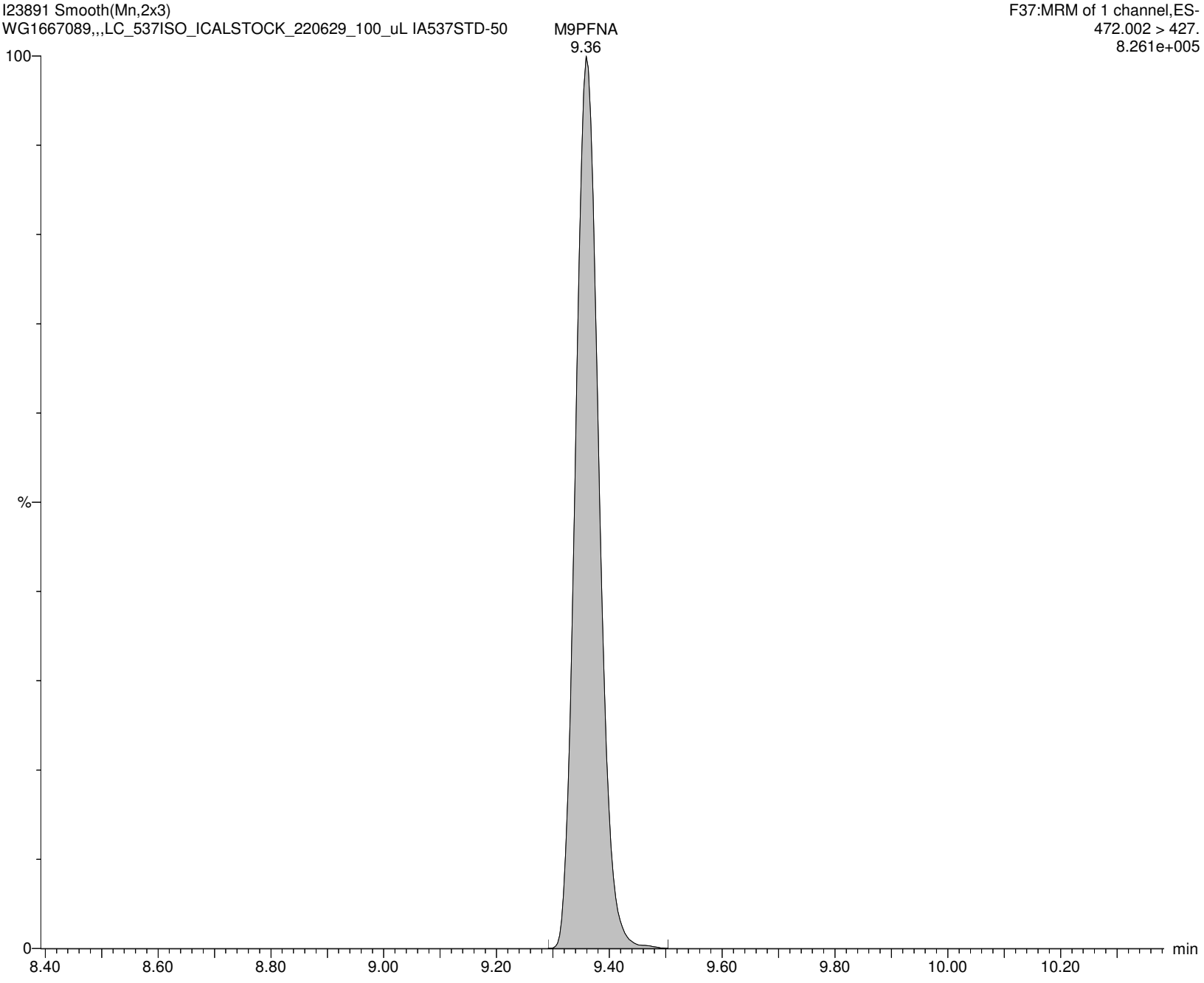


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M9PFNA

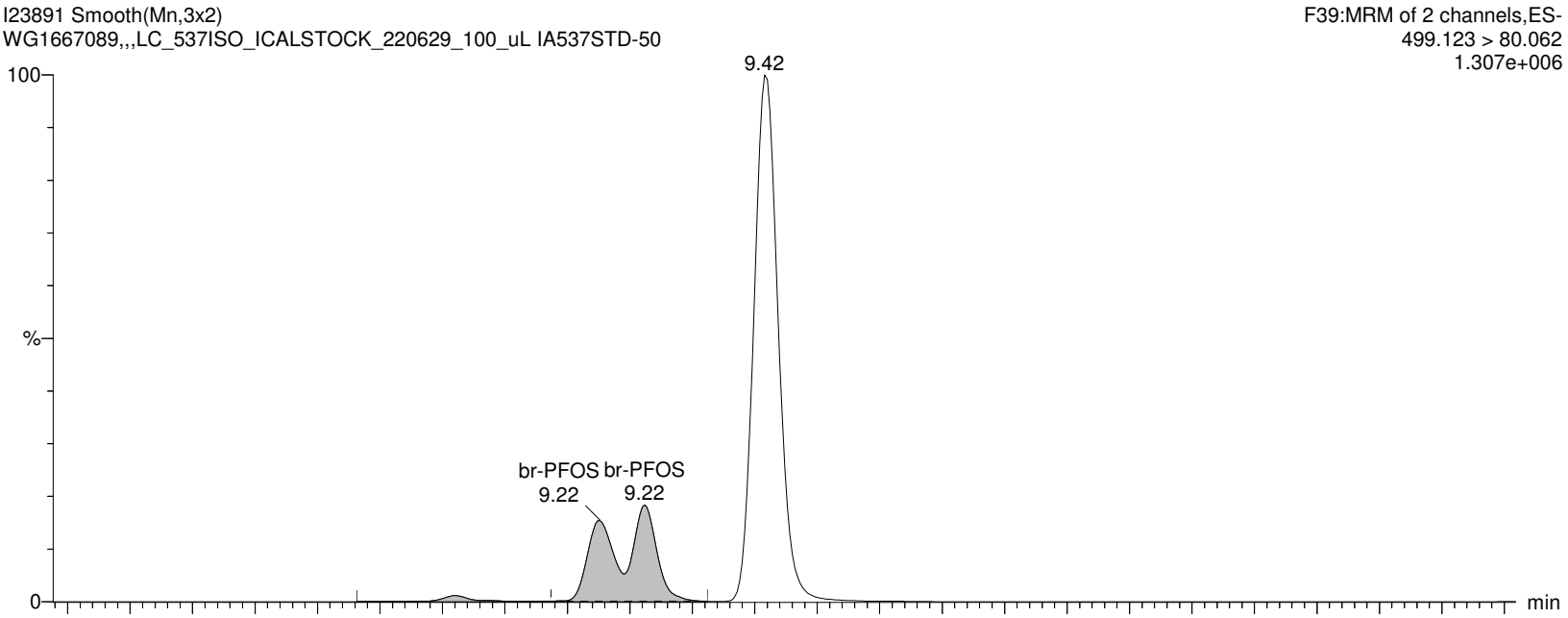


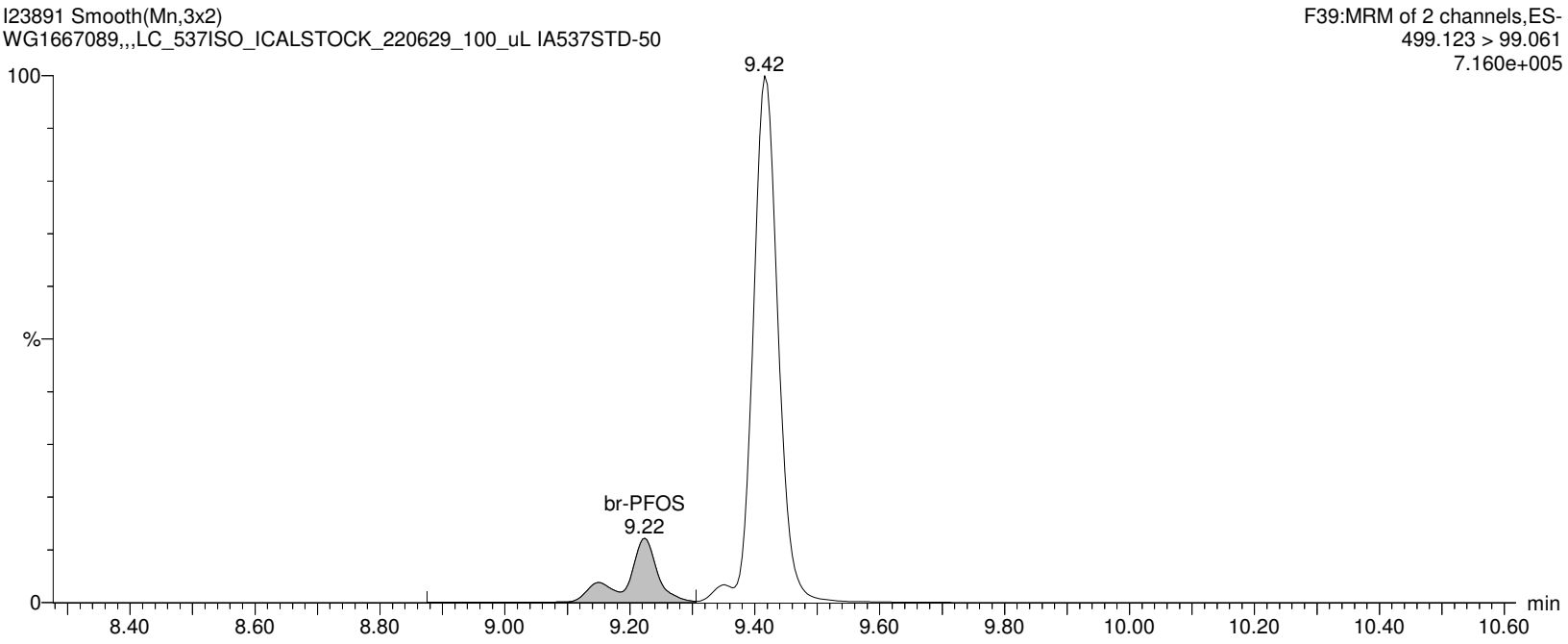
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

br-PFOS



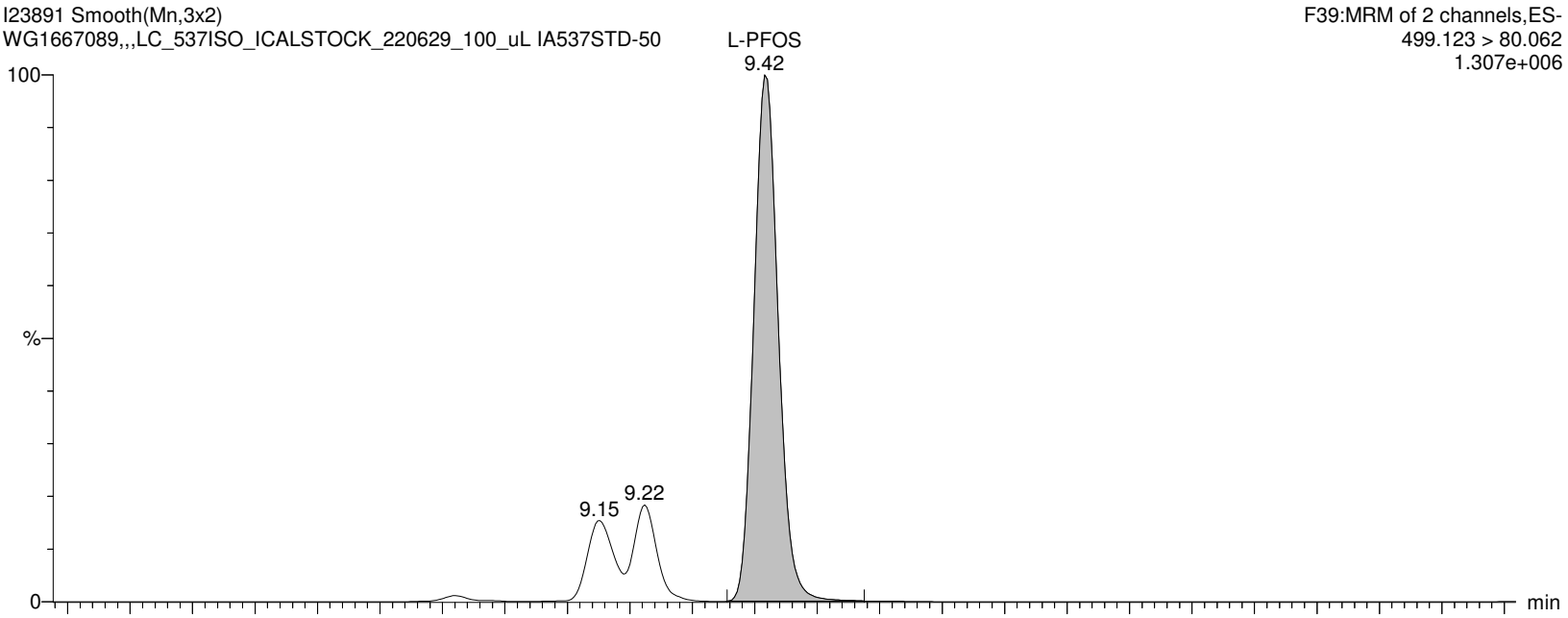


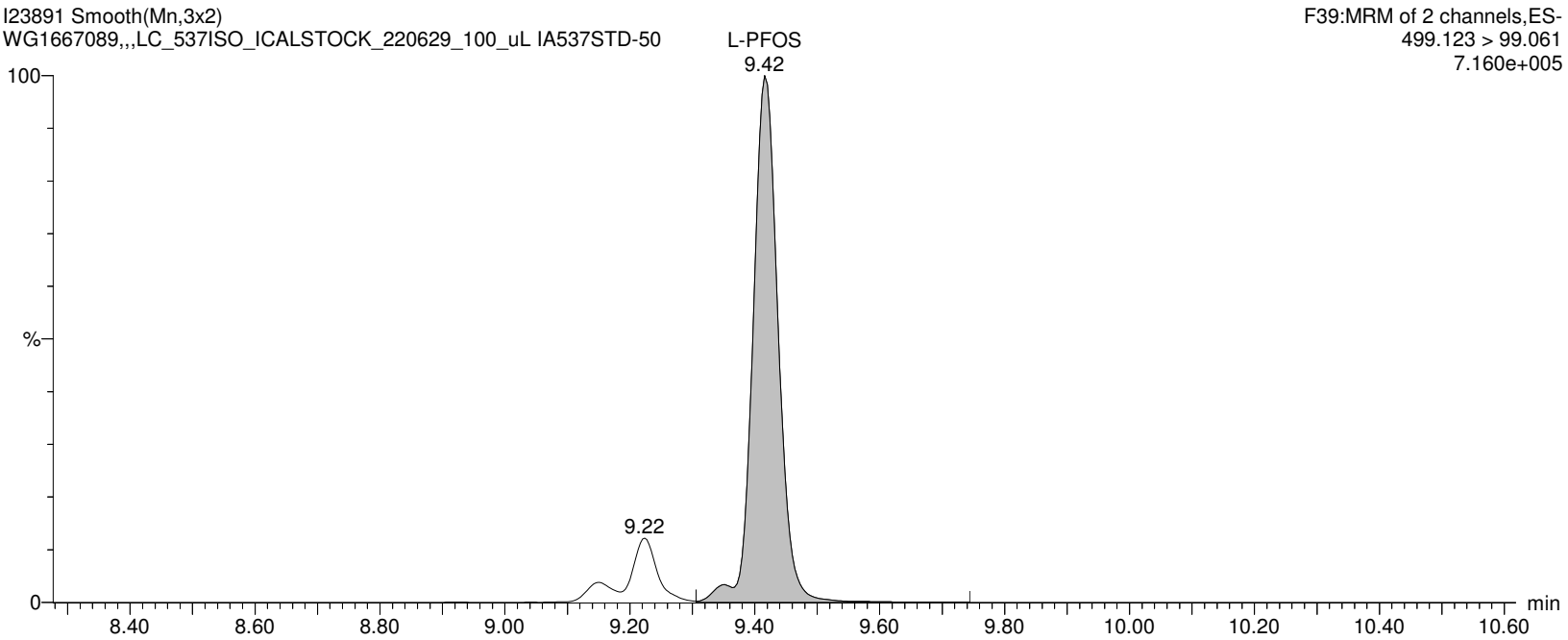
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

L-PFOS



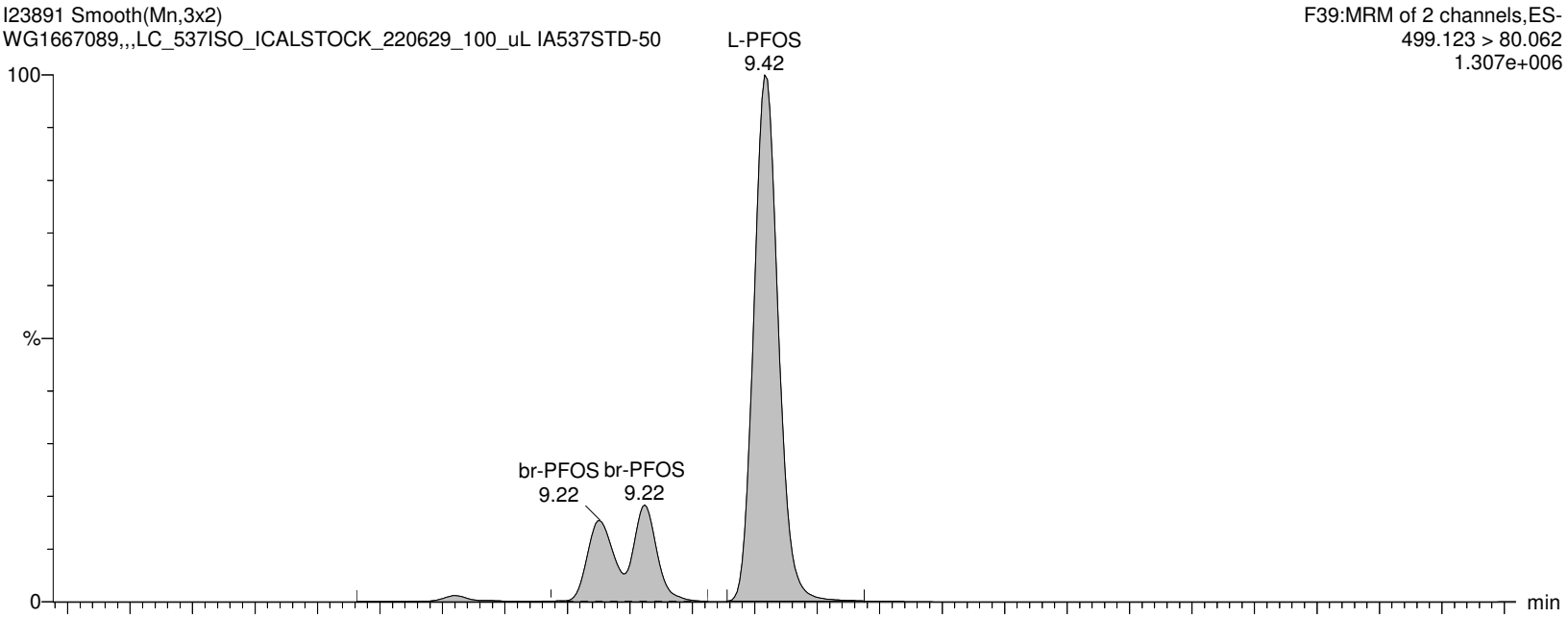


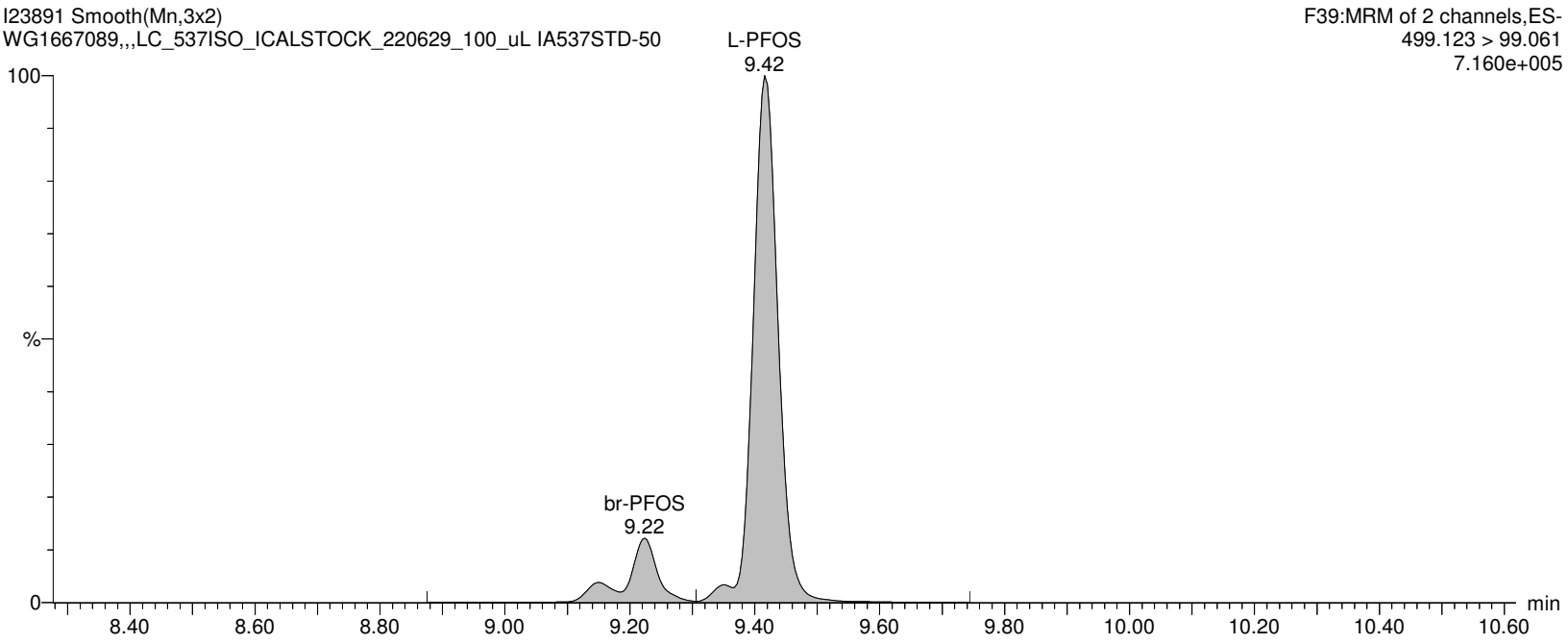
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFOS



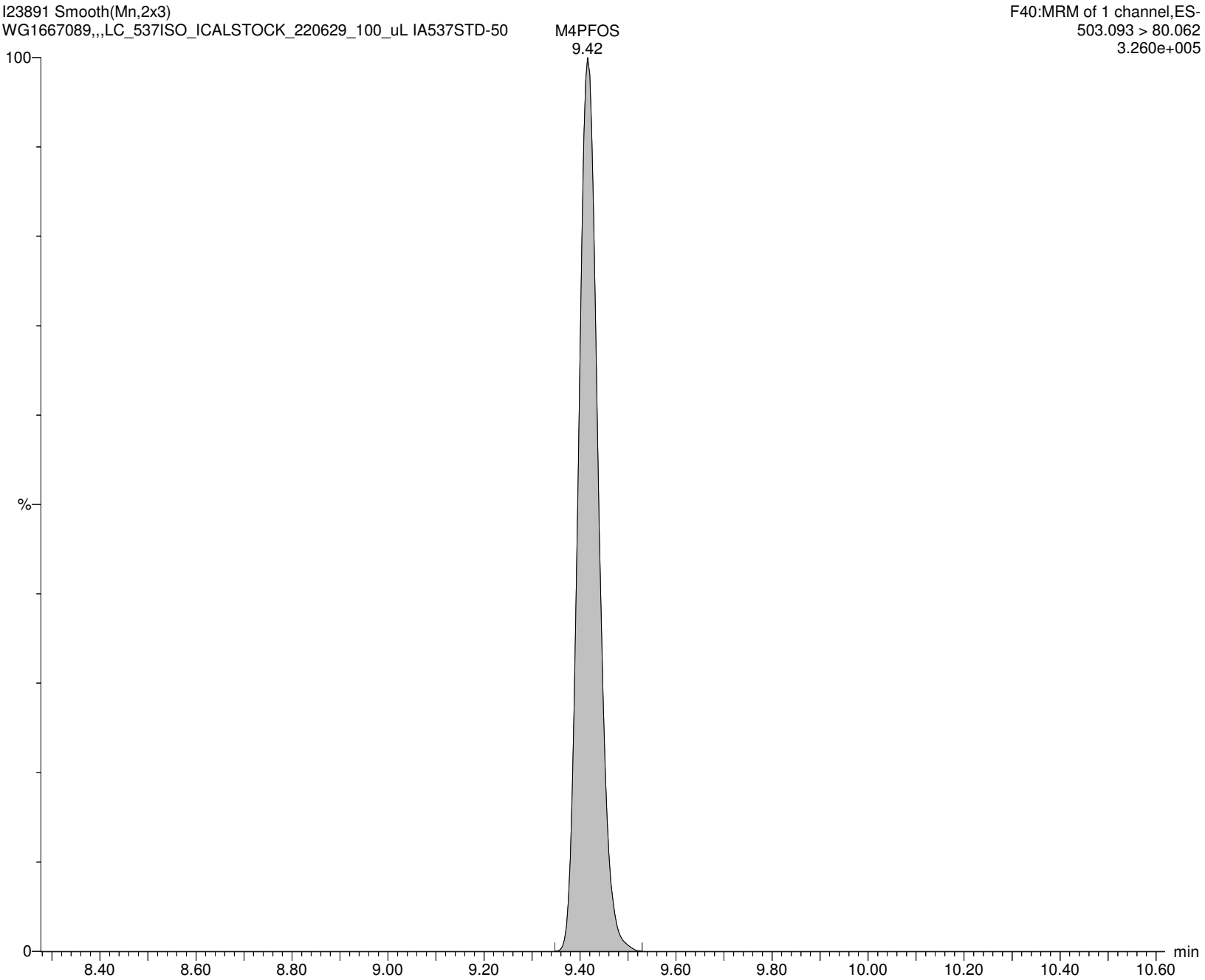


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M4PFOS

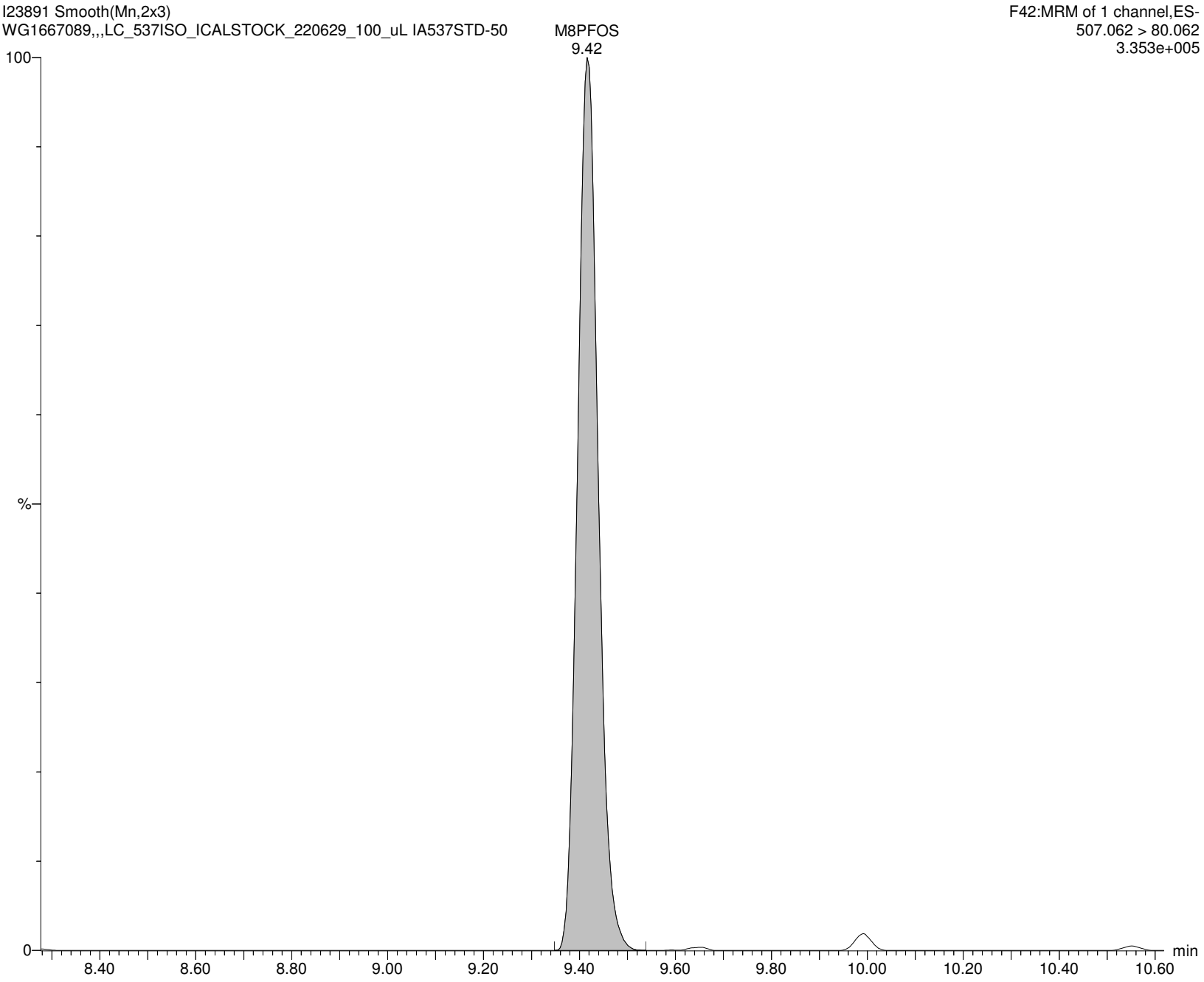


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M8PFOS

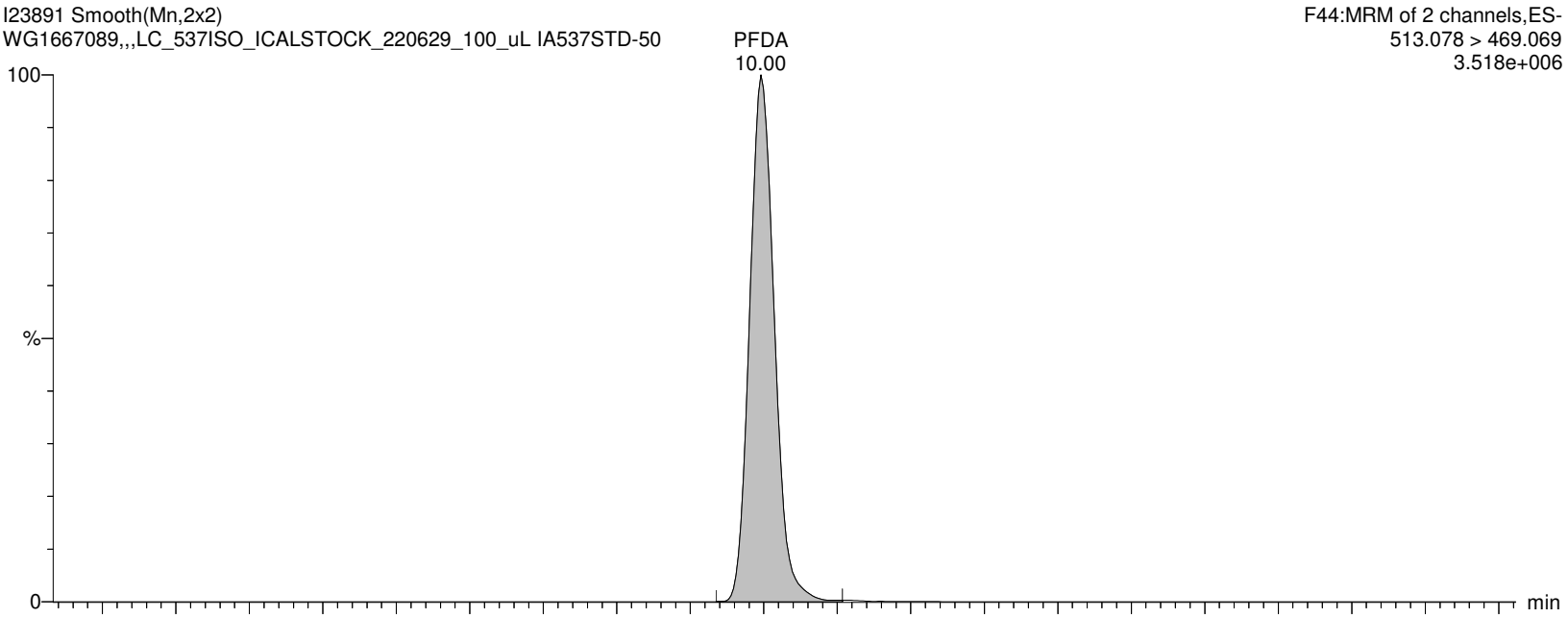


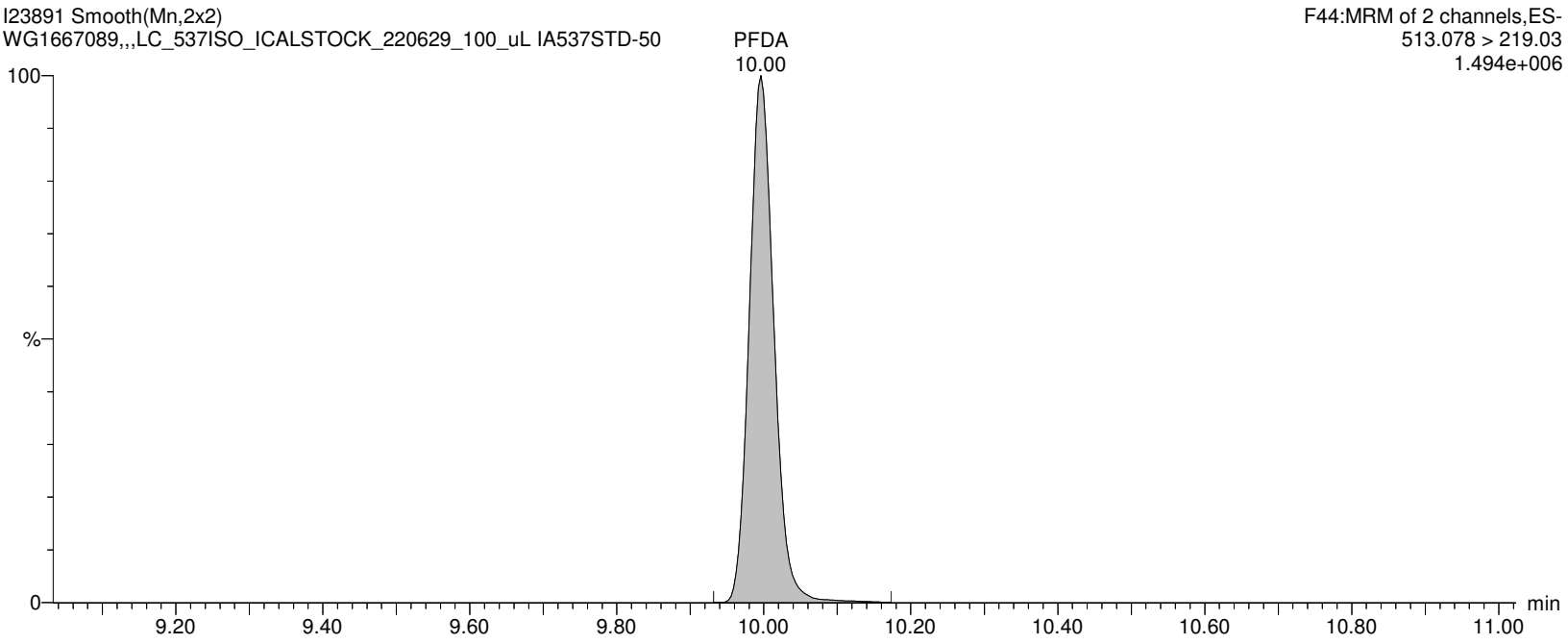
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFDA



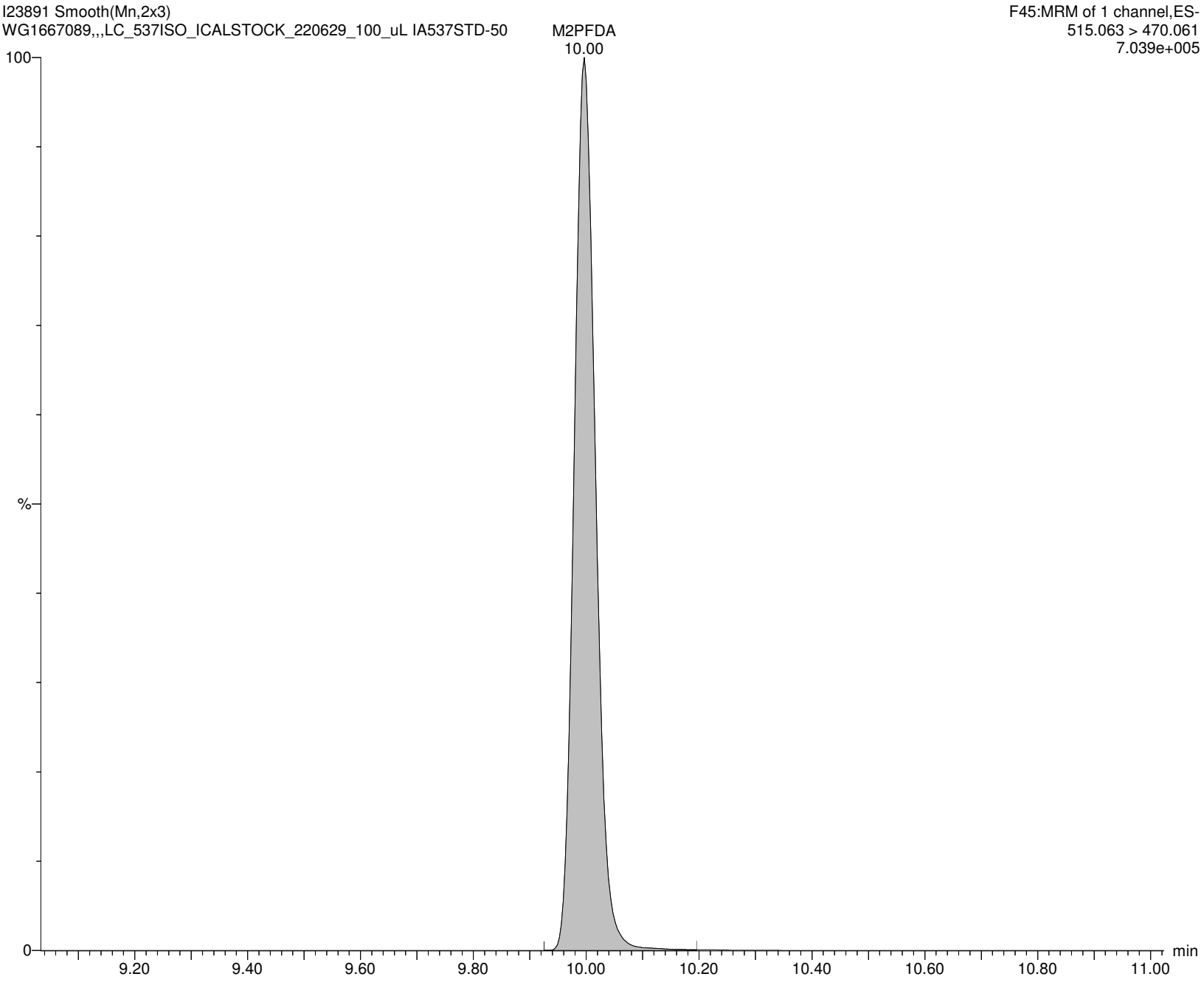


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2PFDA

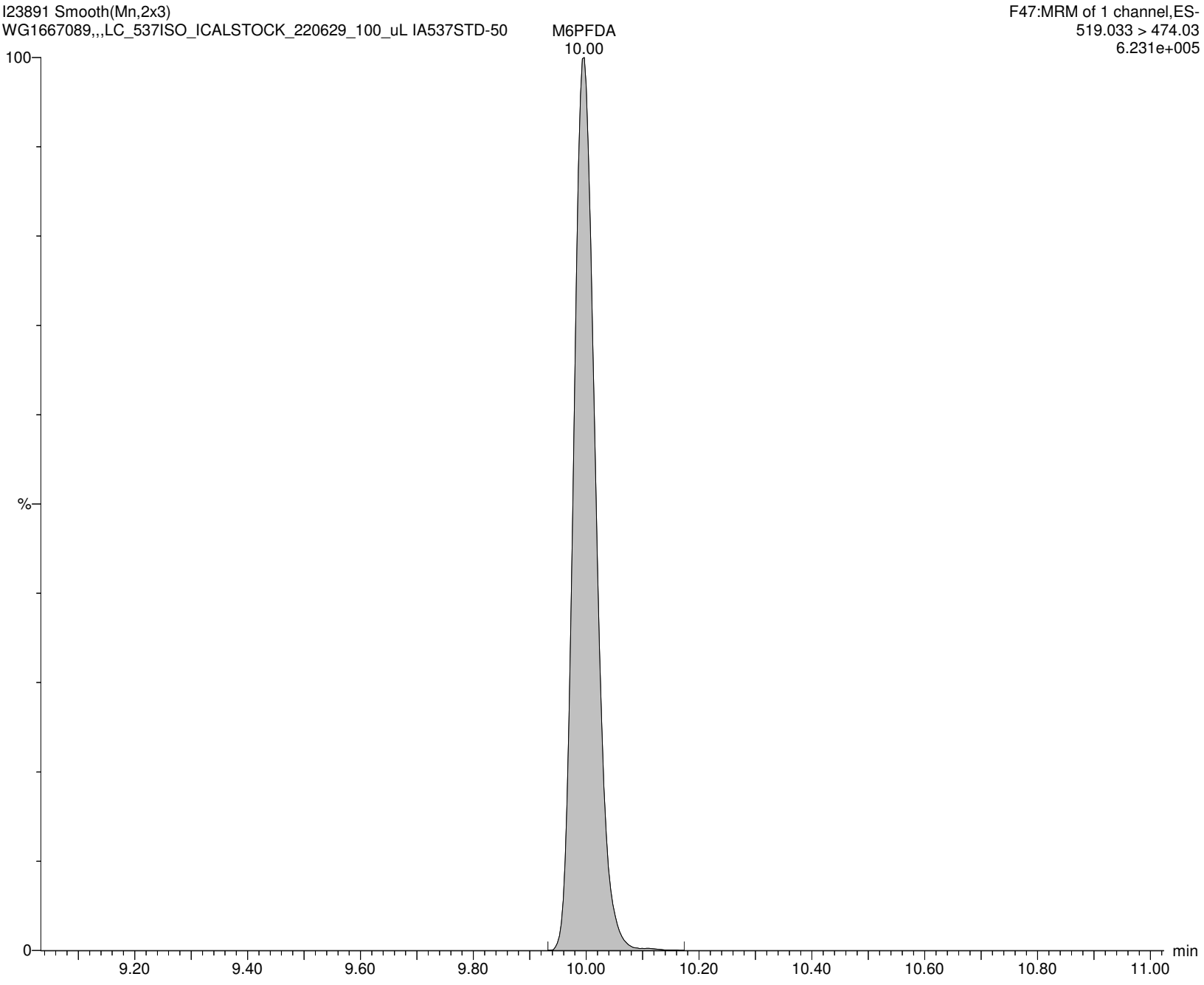


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M6PFDA

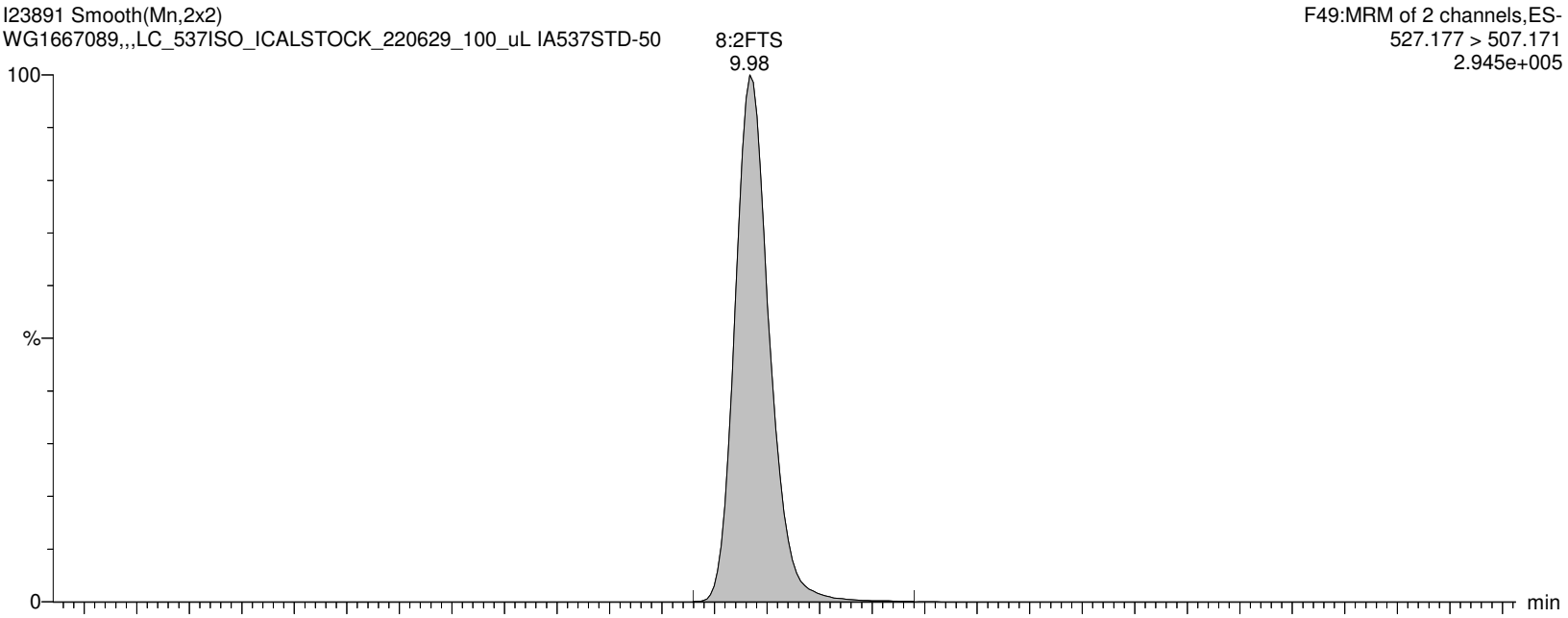


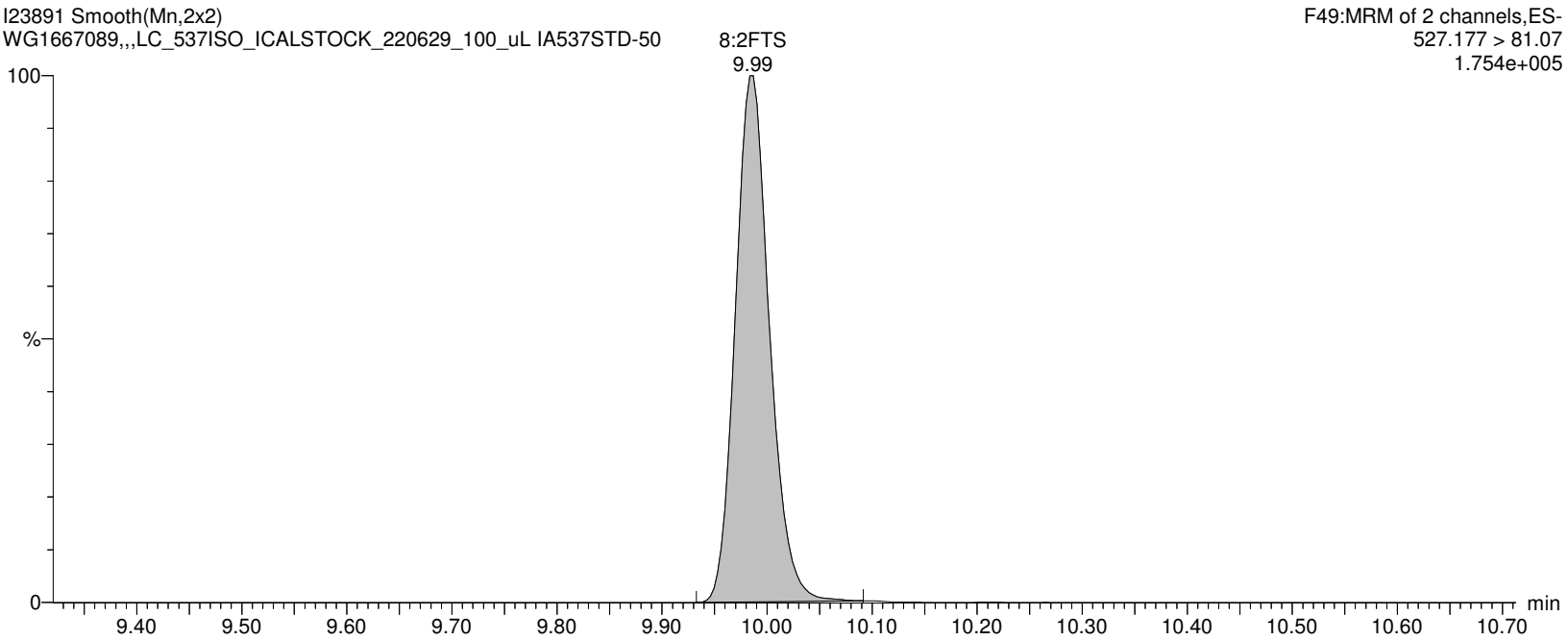
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

8:2FTS



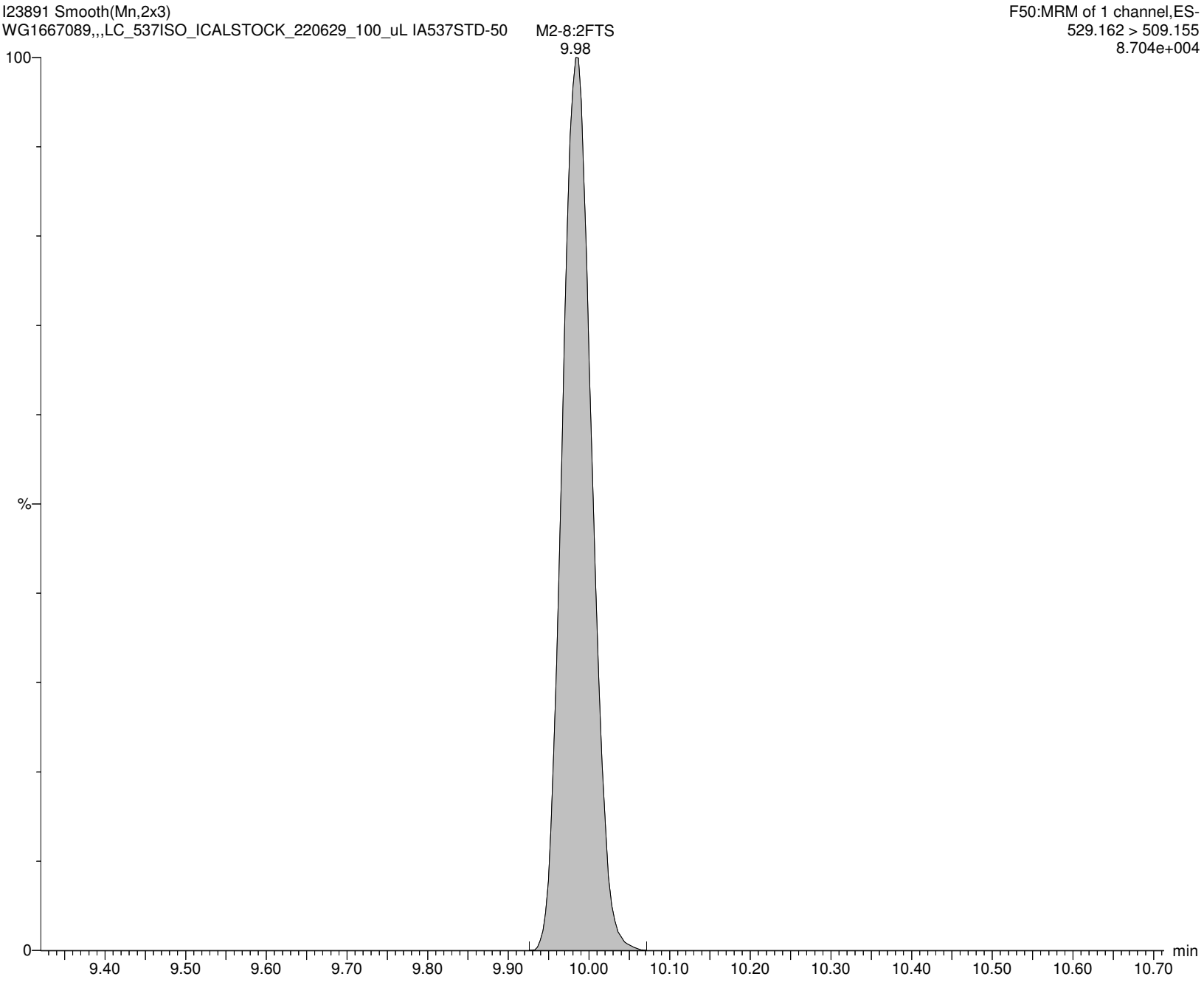


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2-8:2FTS

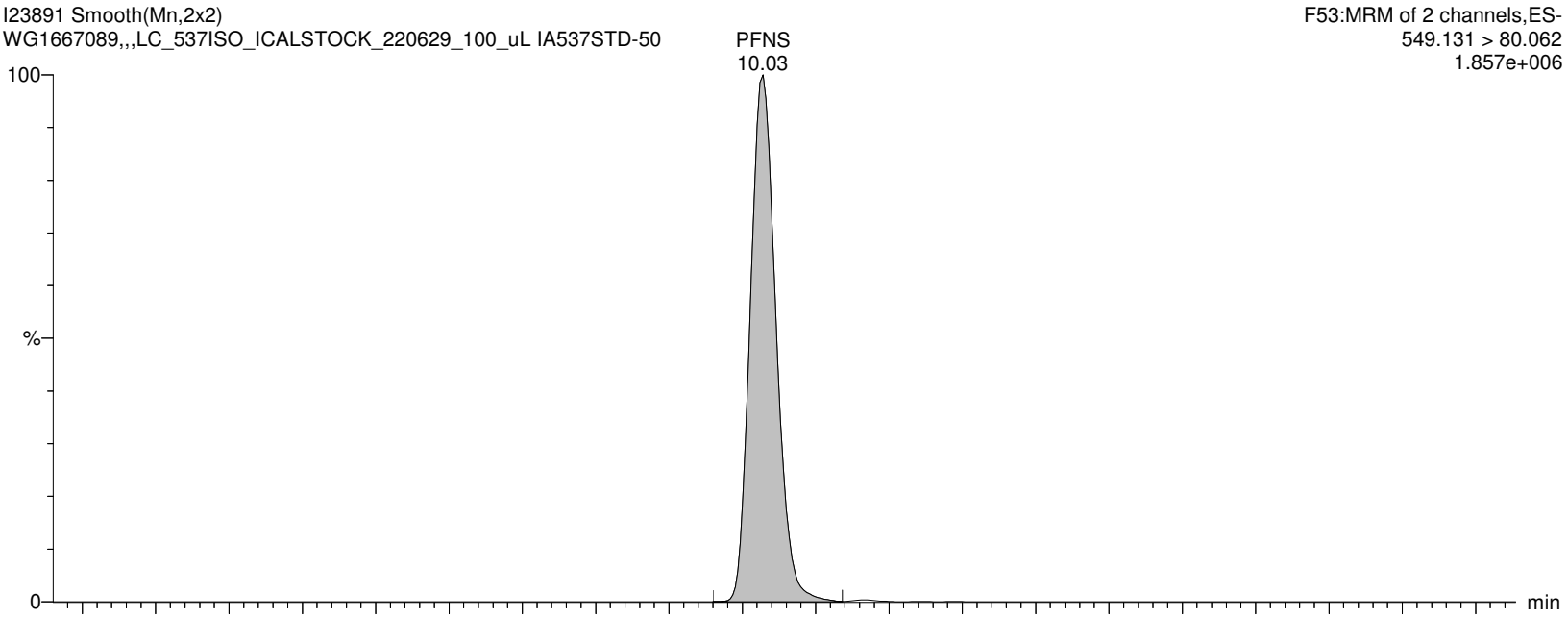


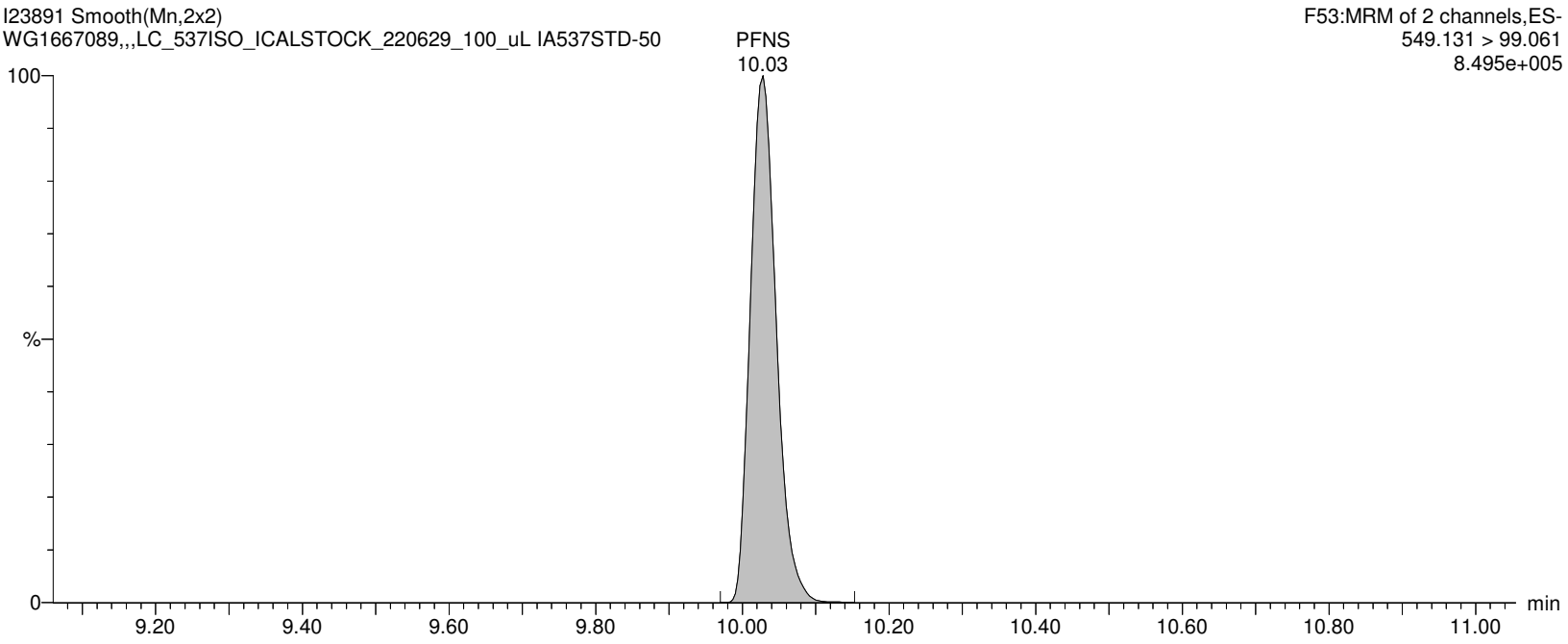
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFNS



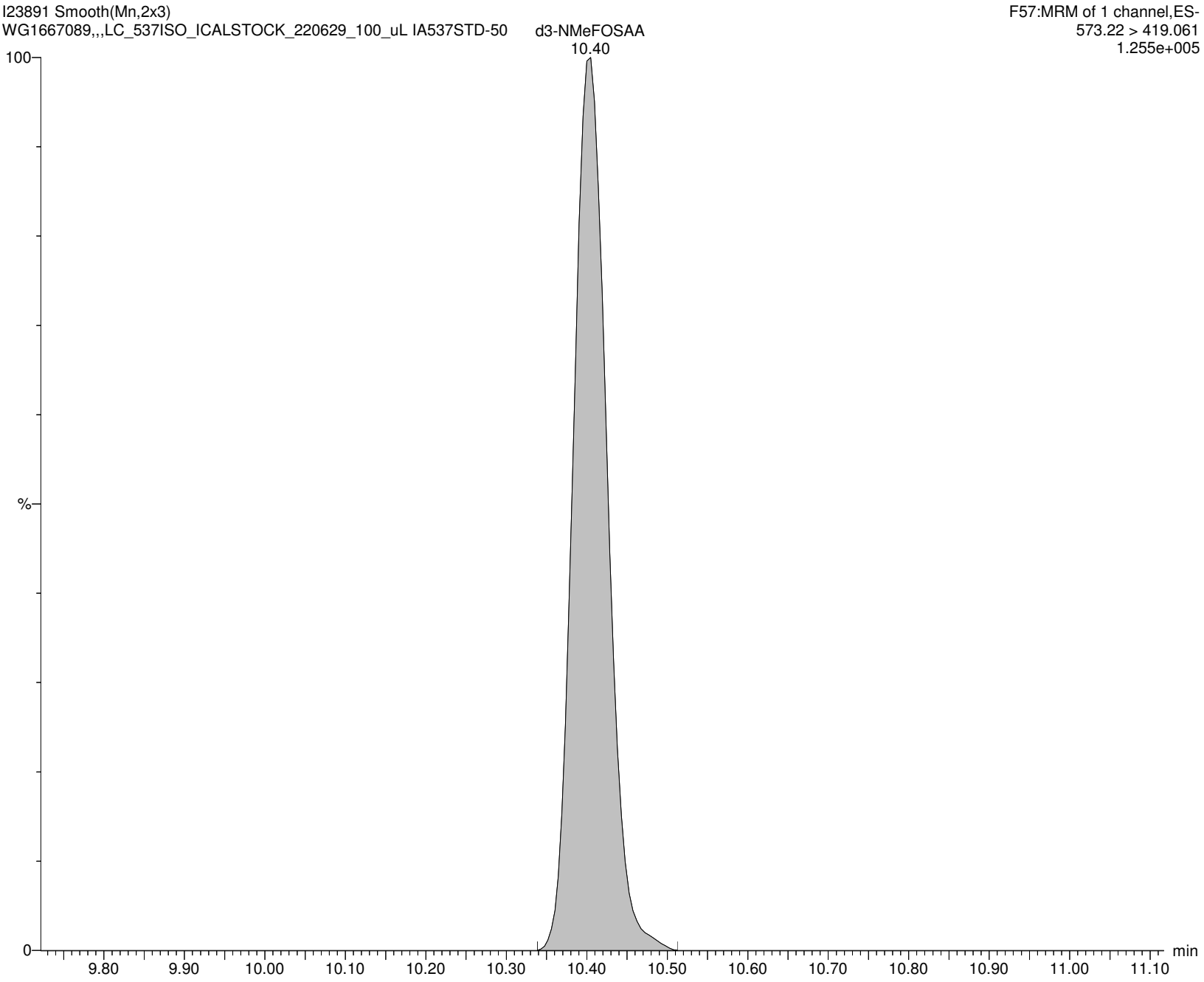


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

d3-NMeFOSAA

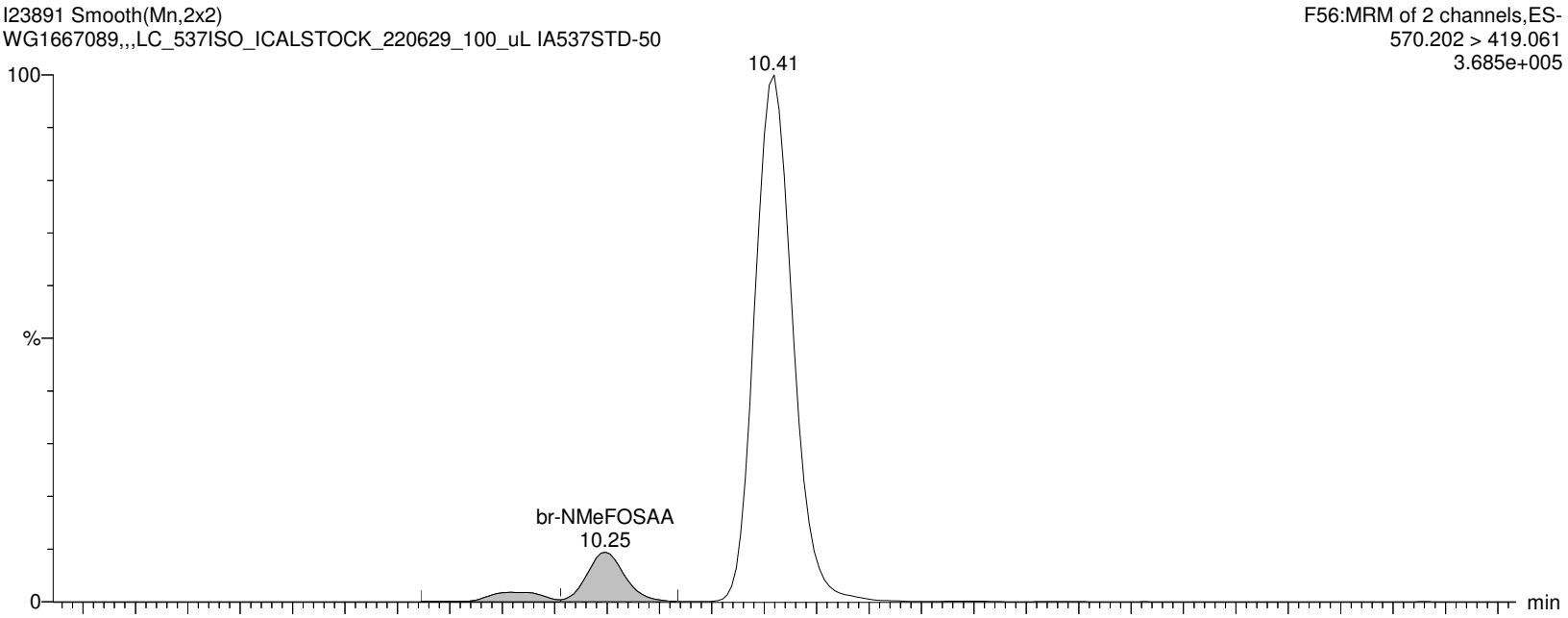


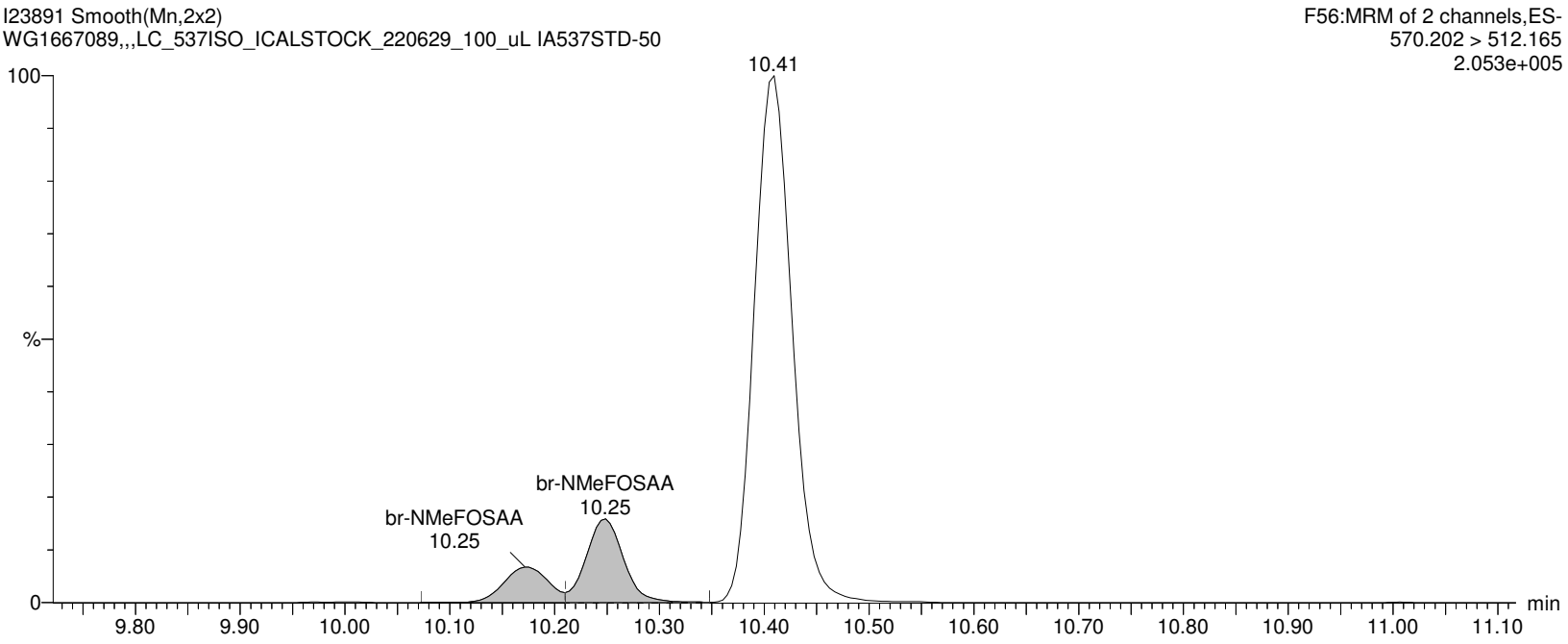
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

br-NMeFOSAA



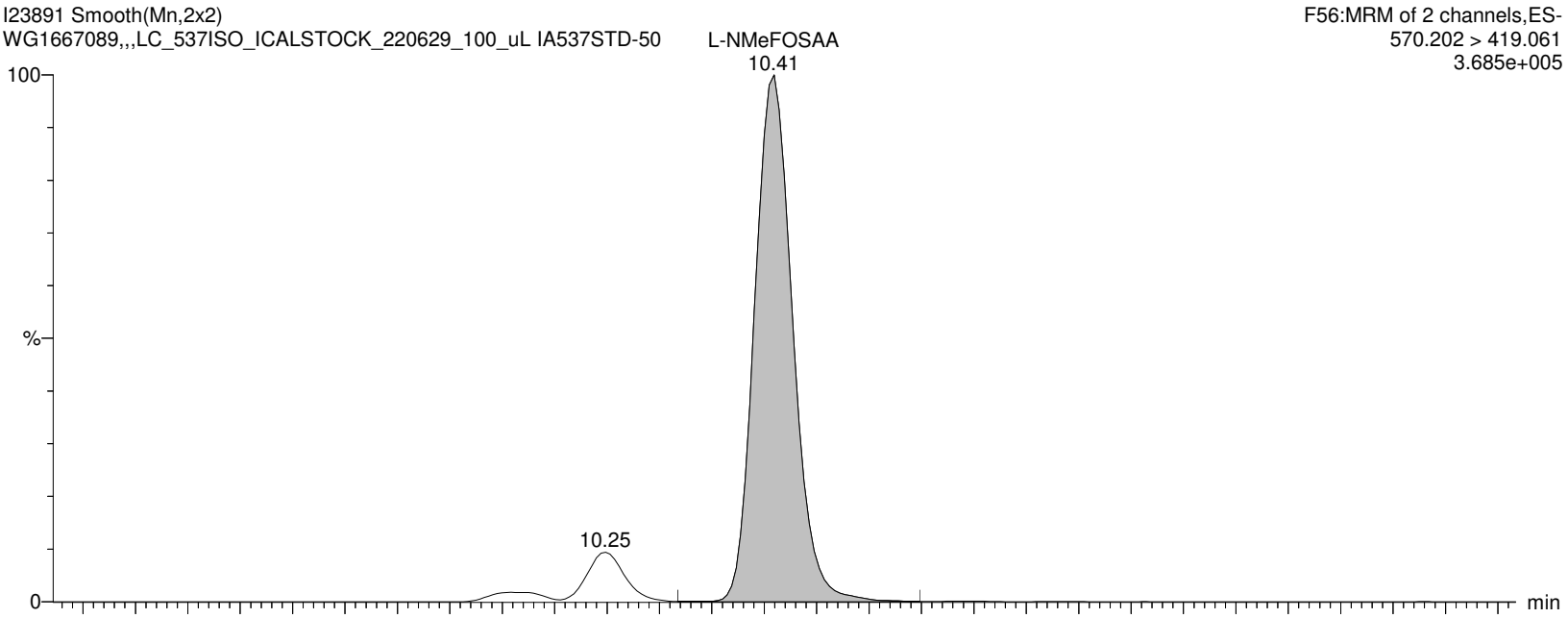


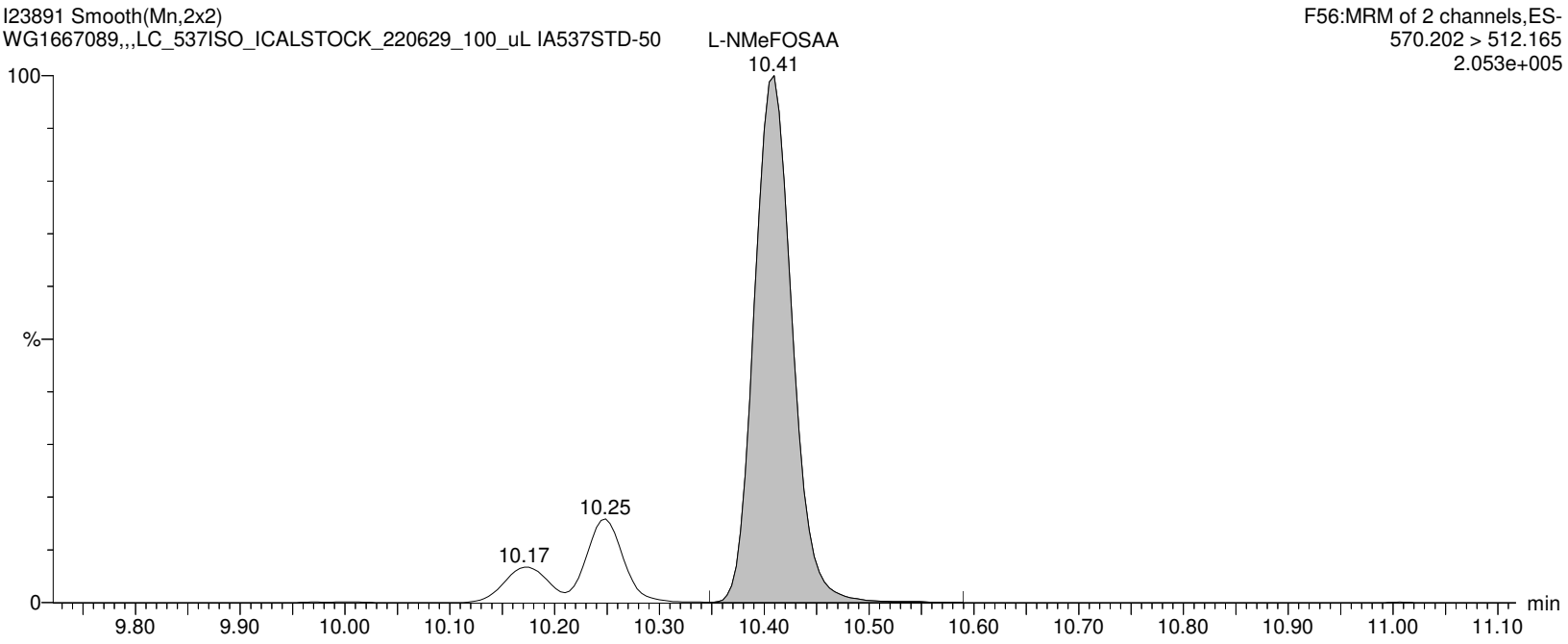
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

L-NMeFOSAA



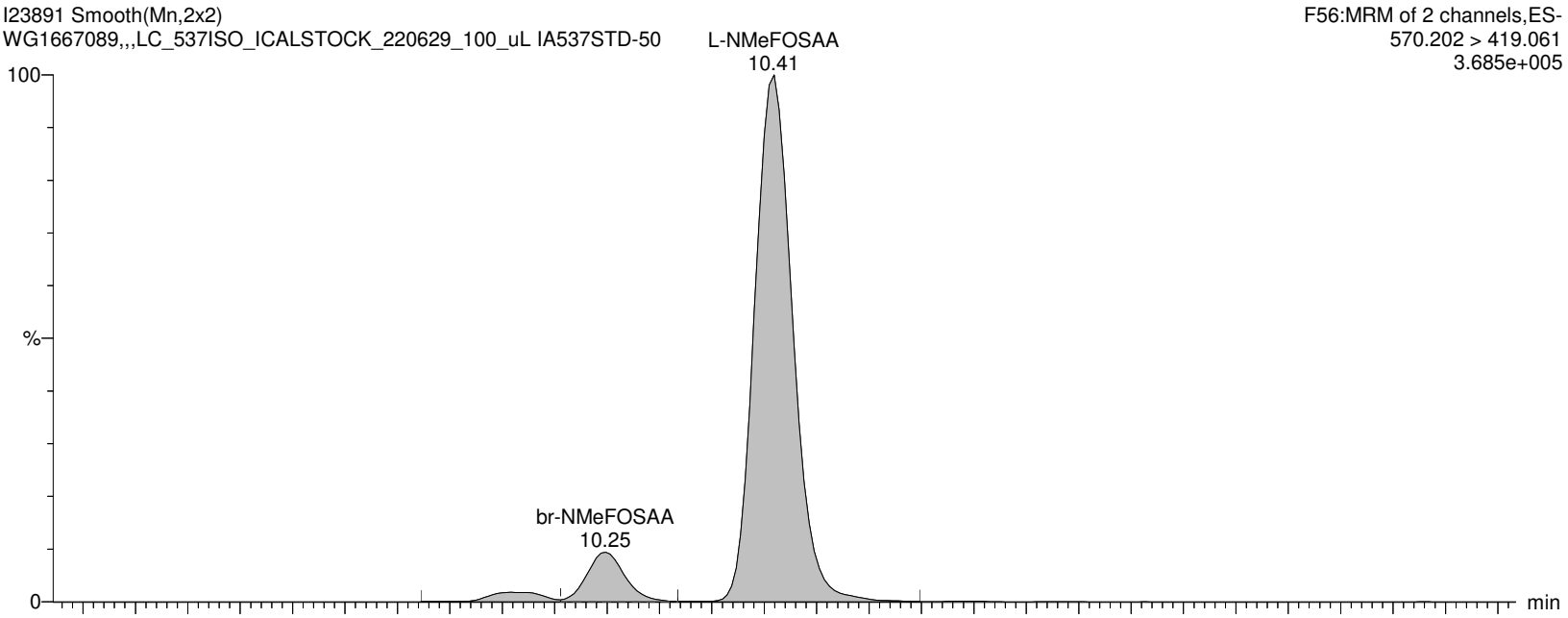


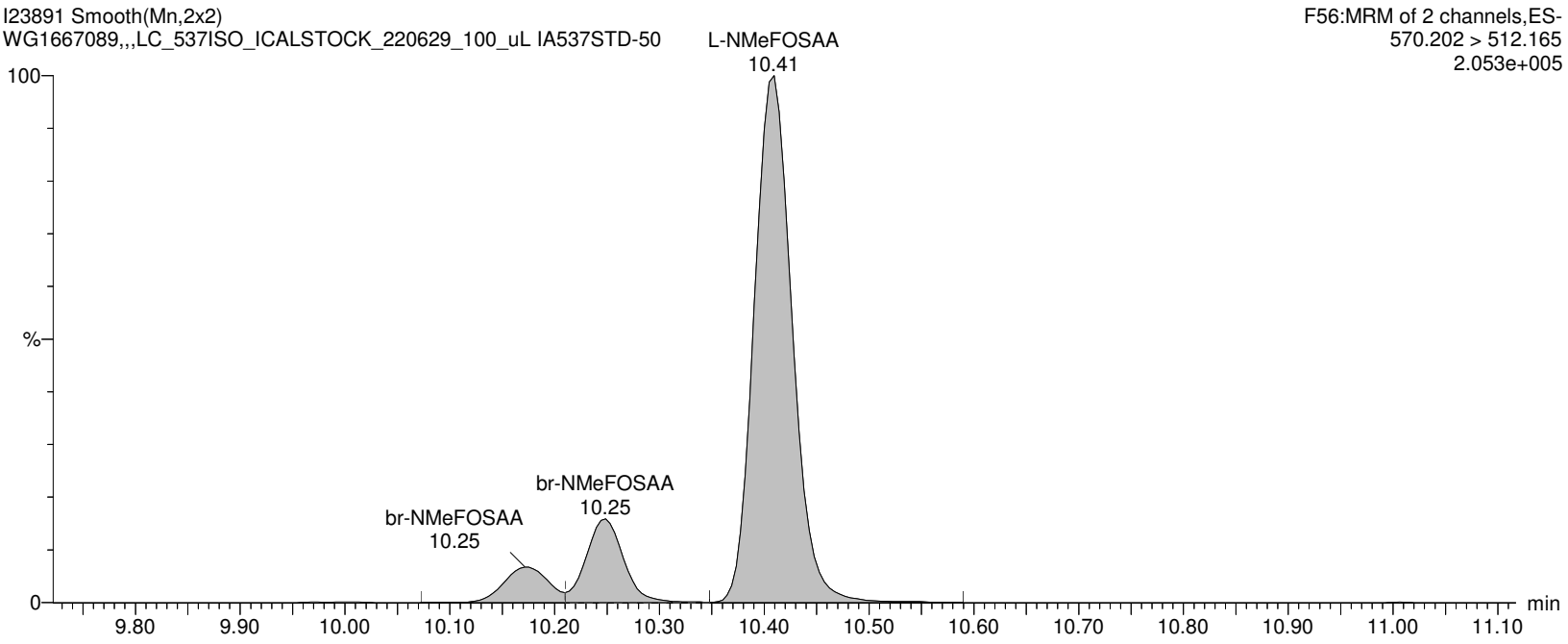
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NMeFOSAA



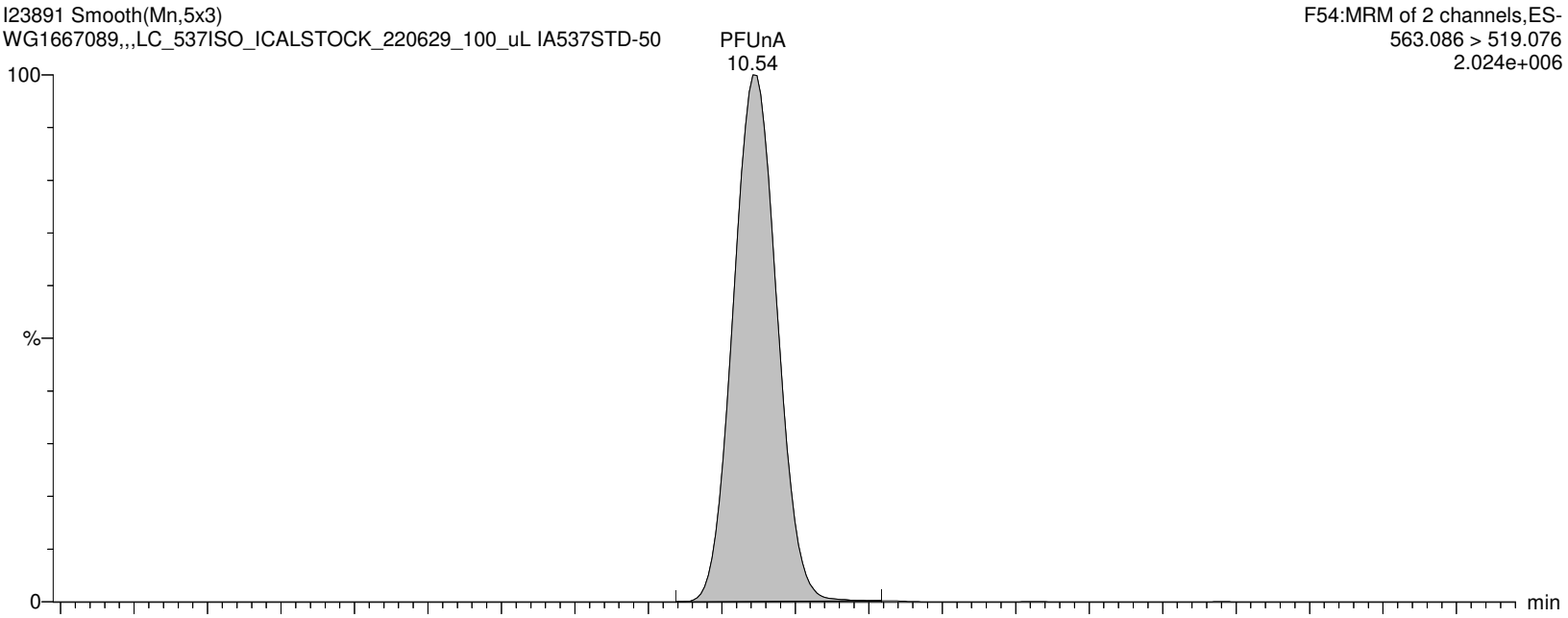


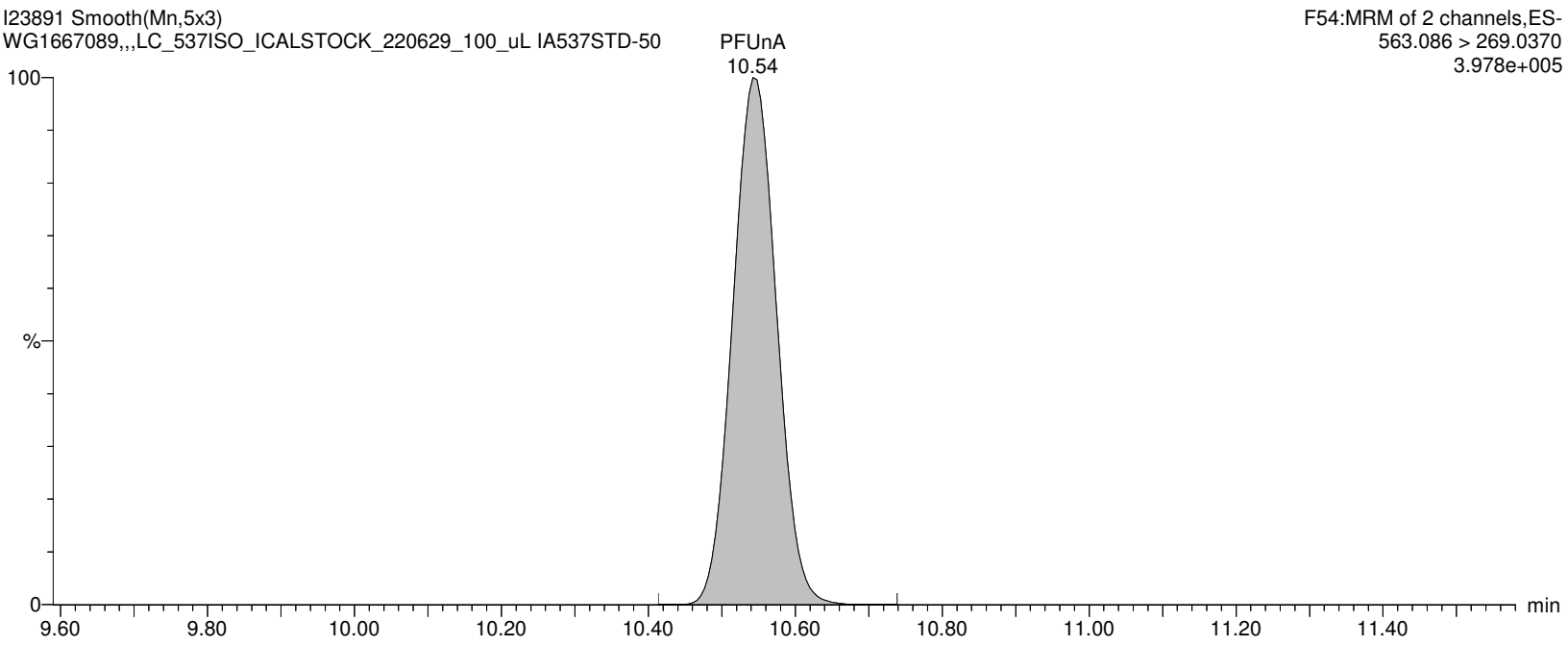
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFUnA



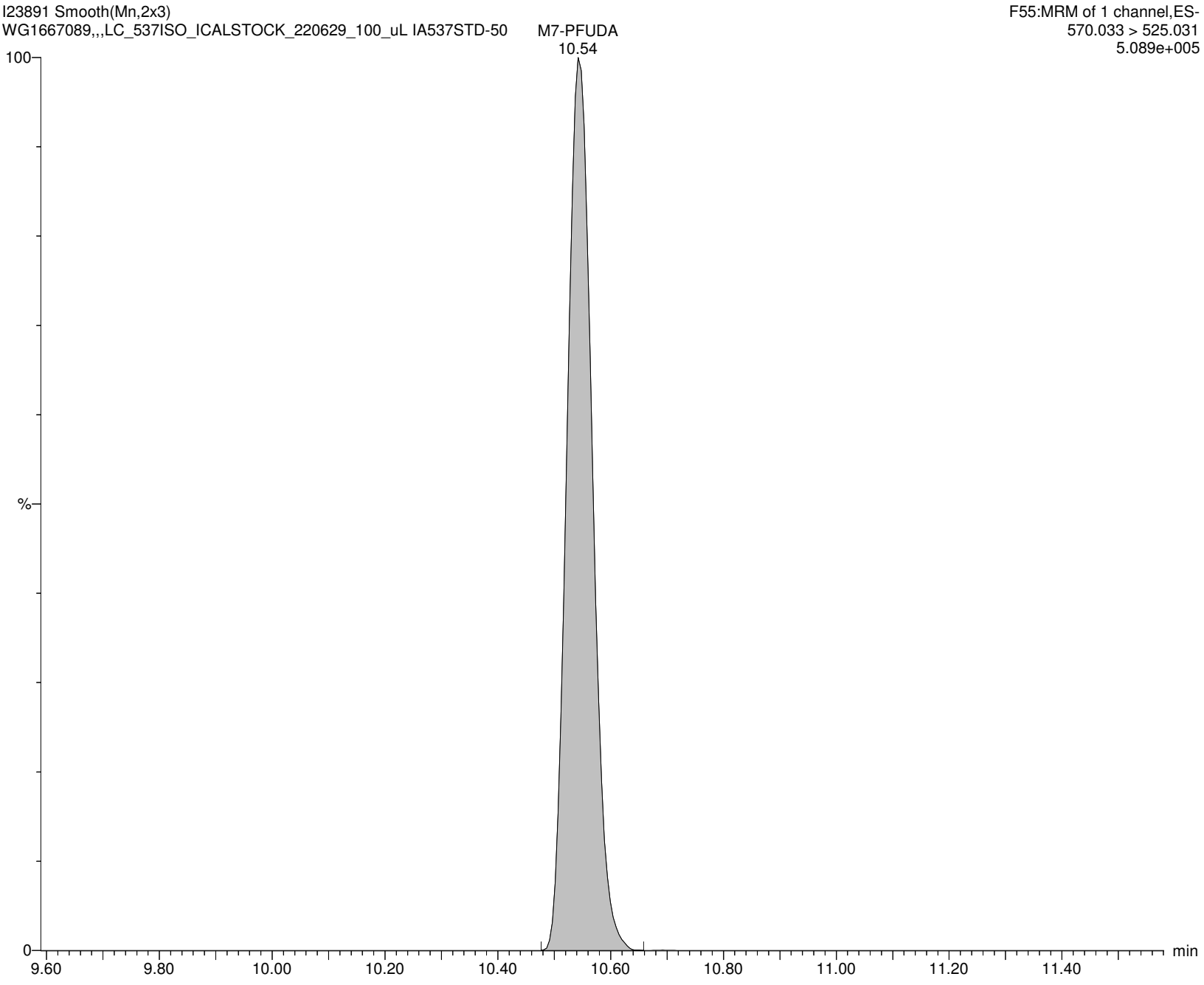


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M7-PFUDA

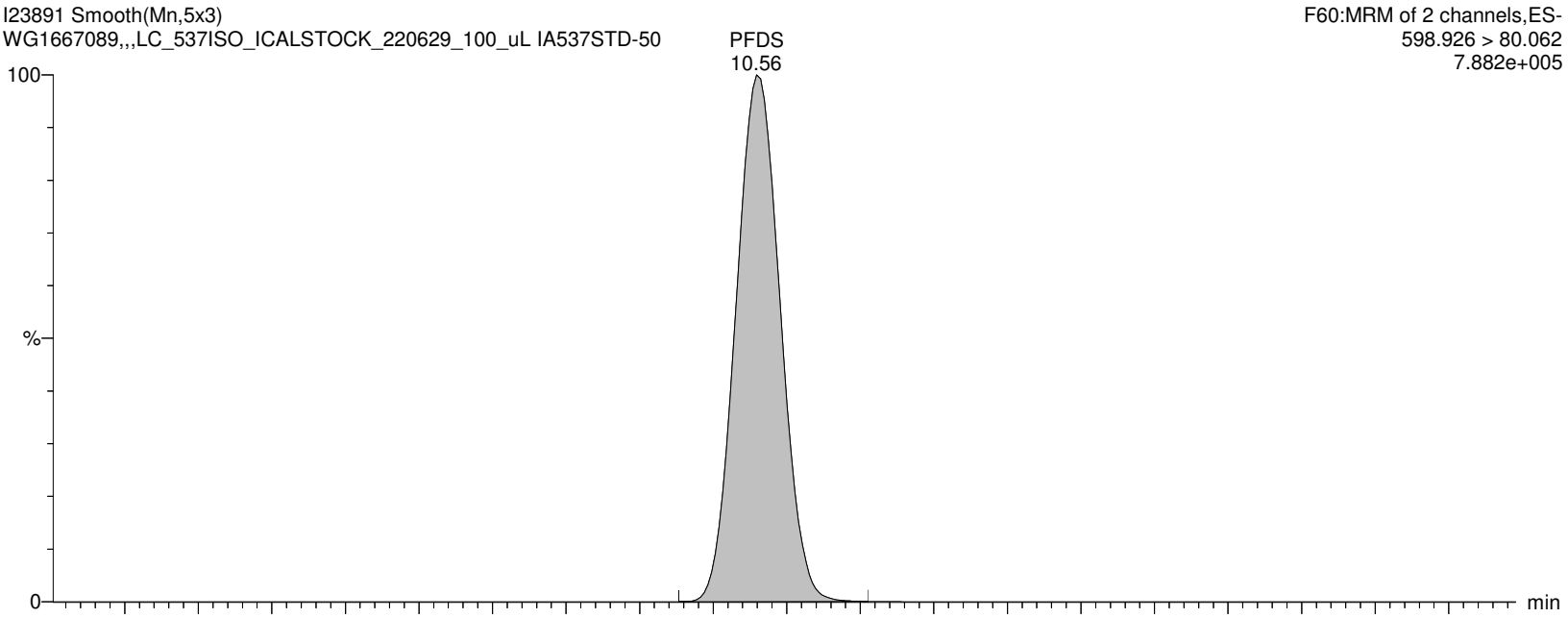


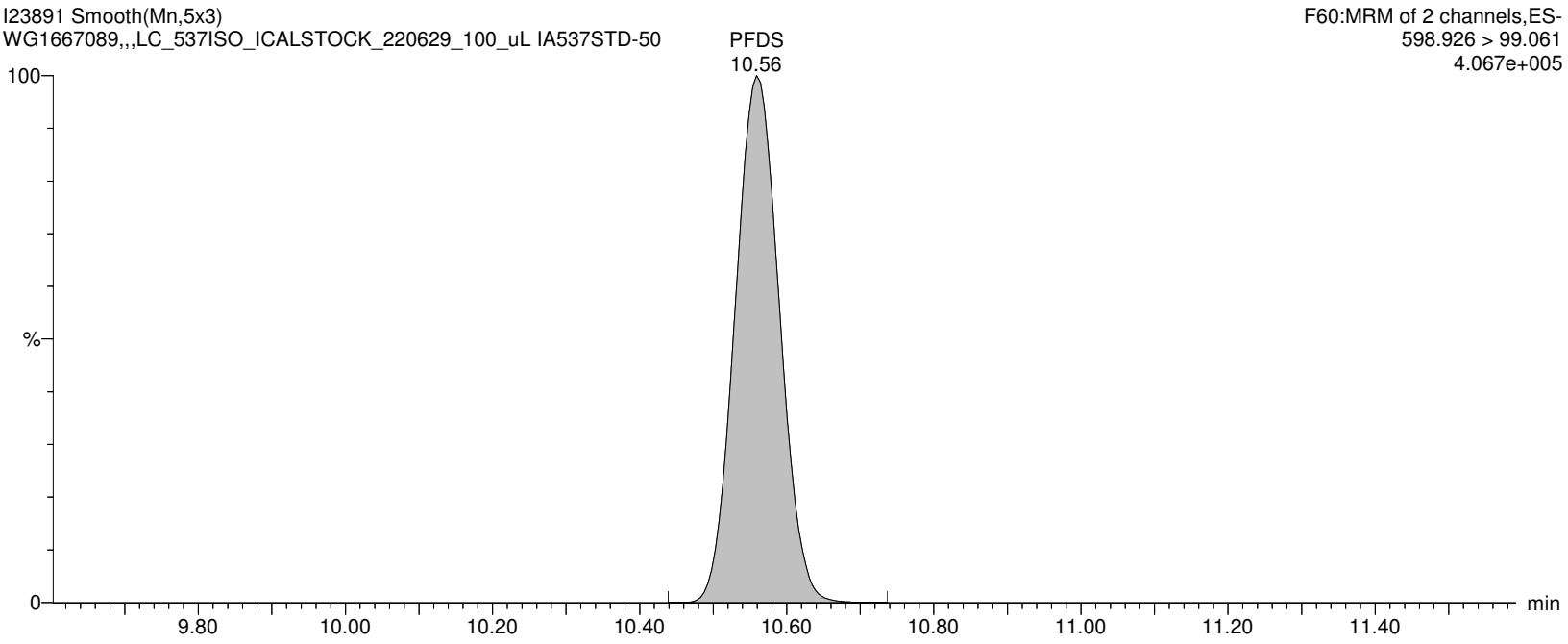
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFDS



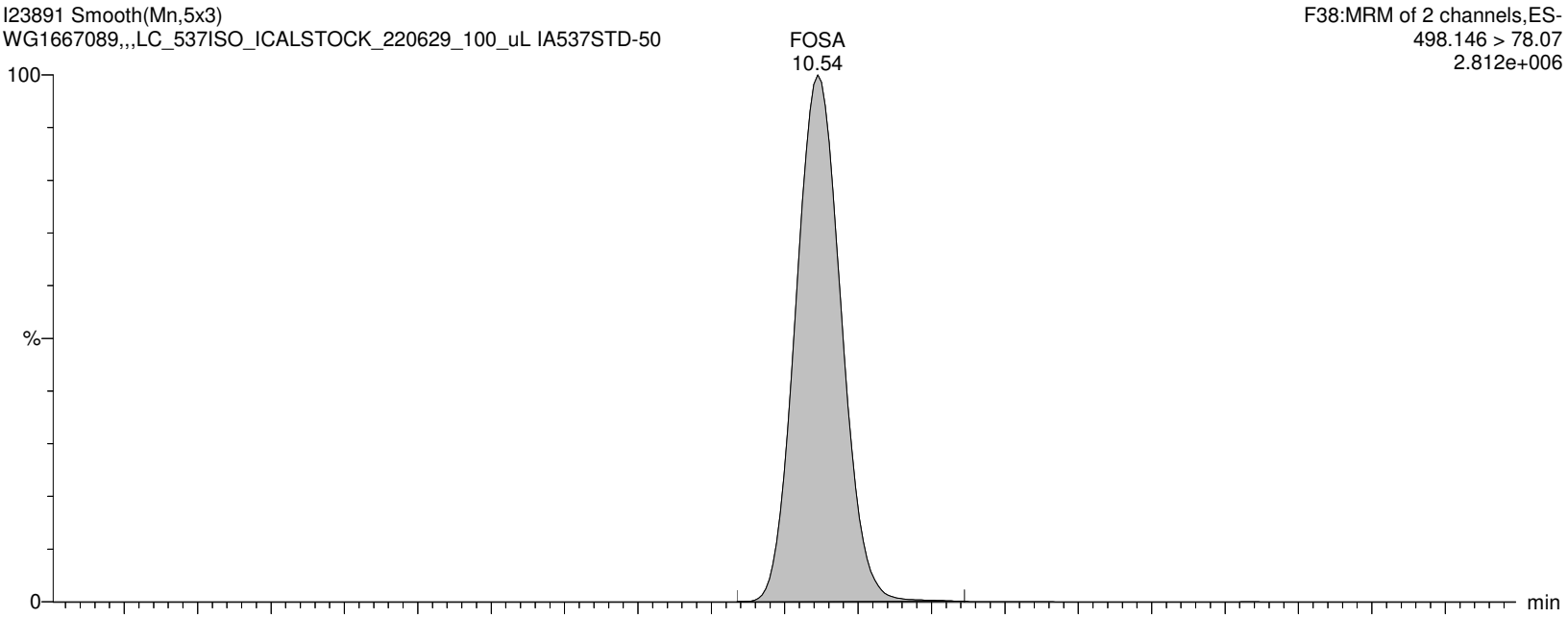


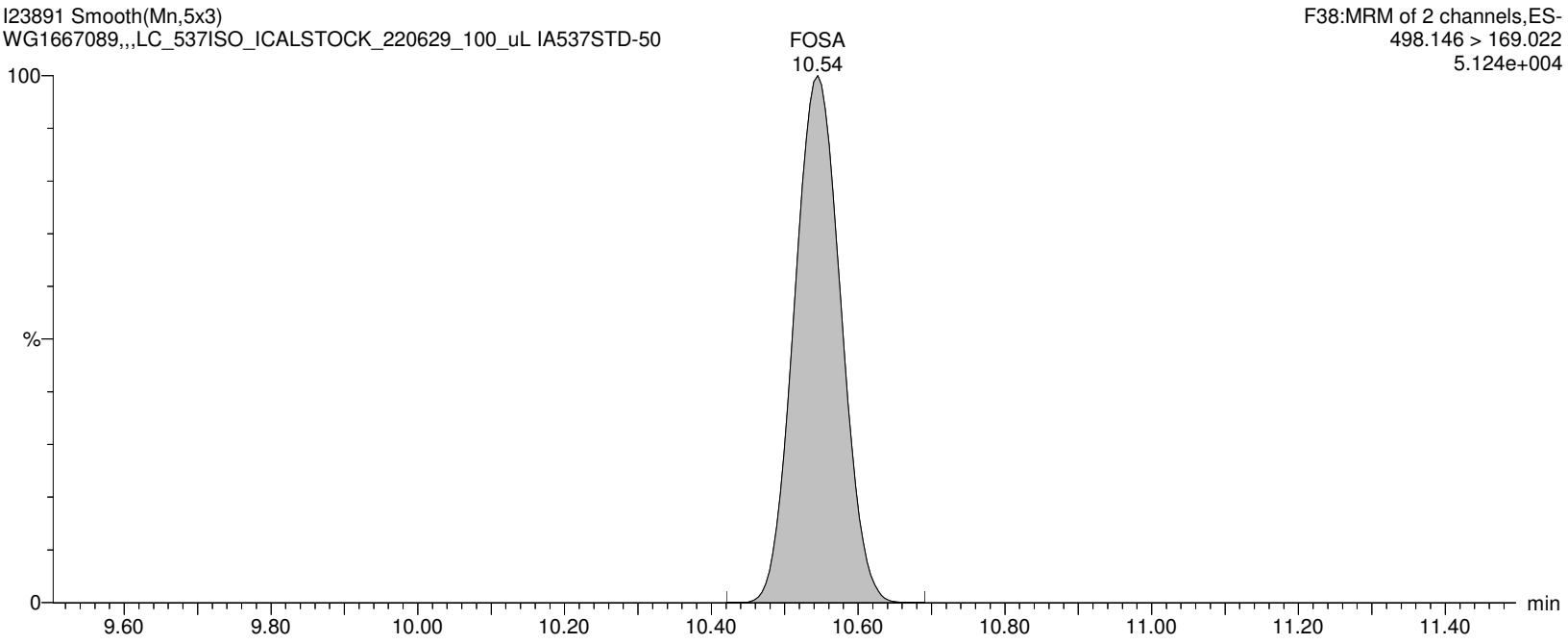
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

FOSA



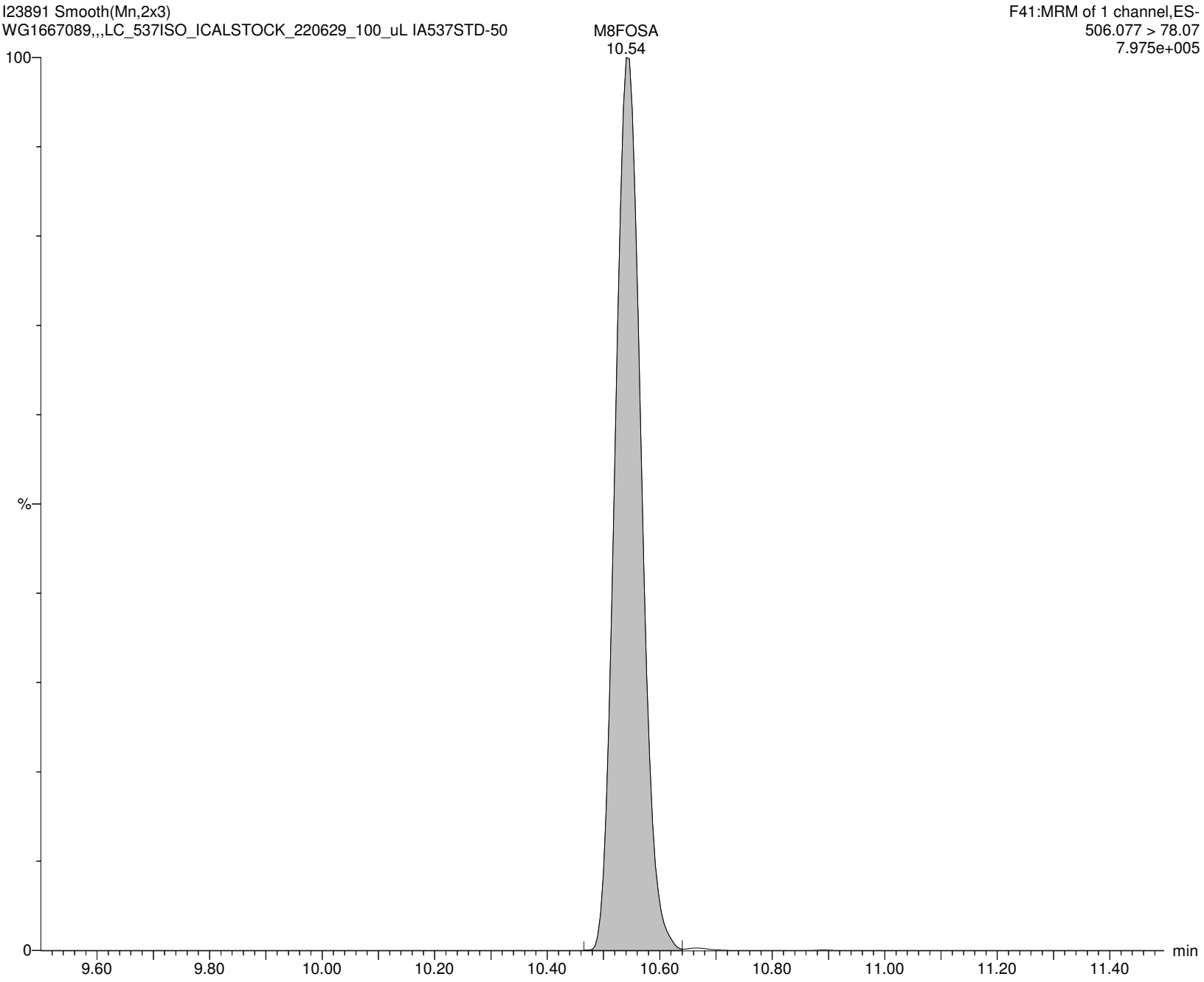


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M8FOSA

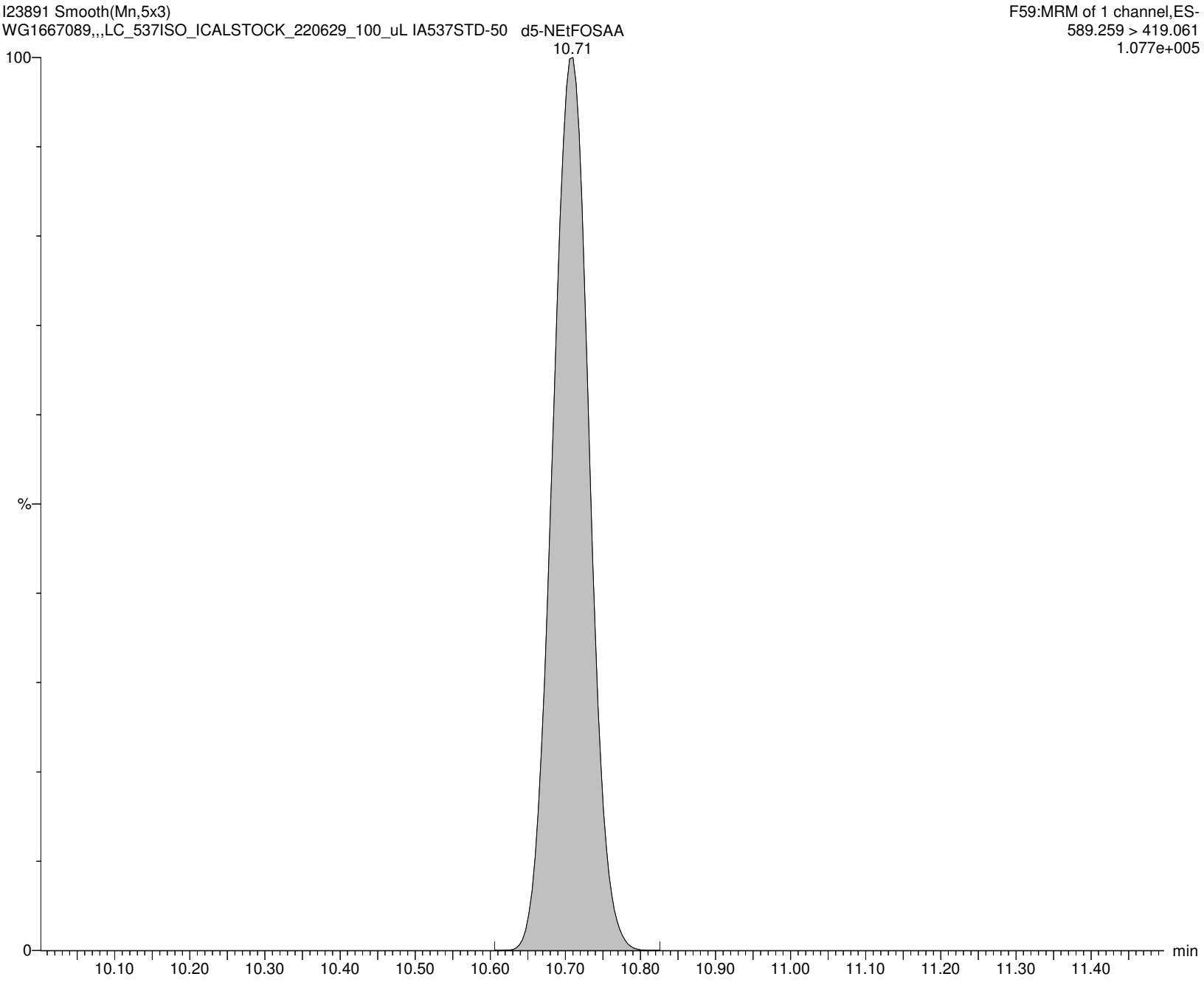


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

d5-NEtFOSAA

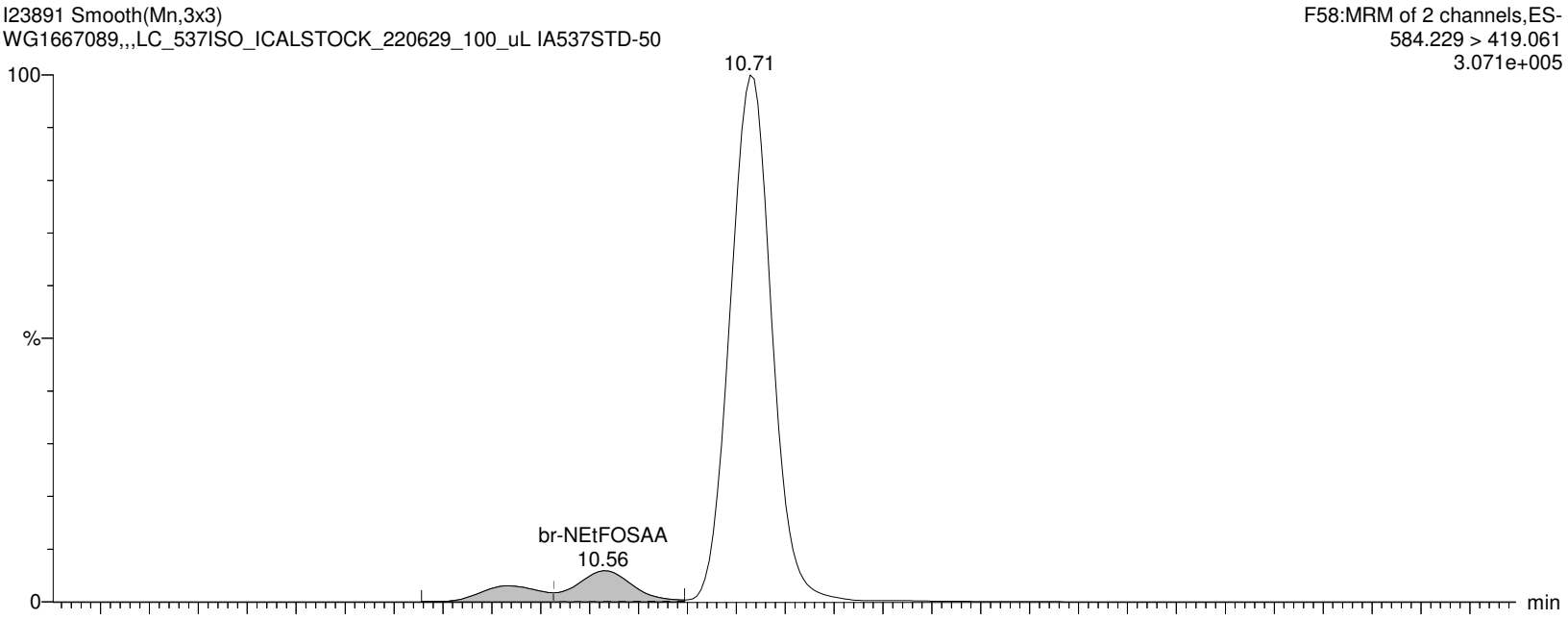


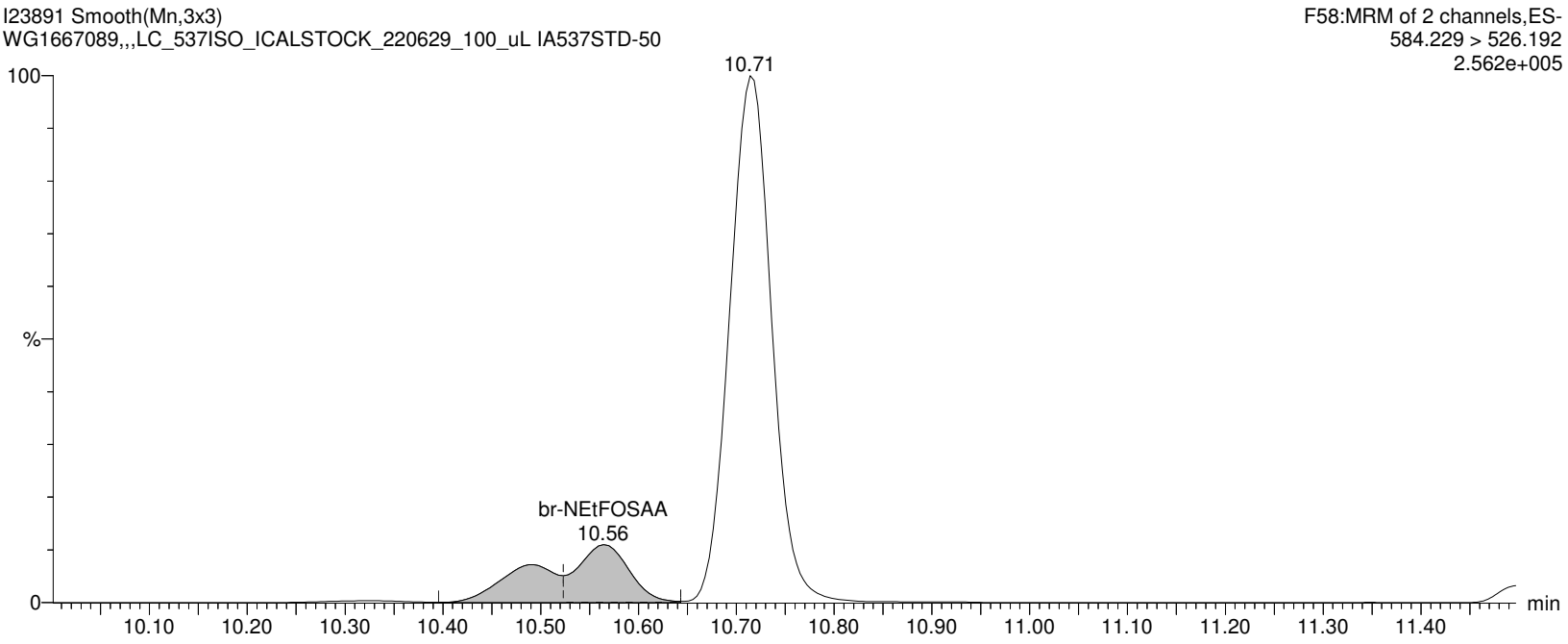
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

br-NEtFOSAA



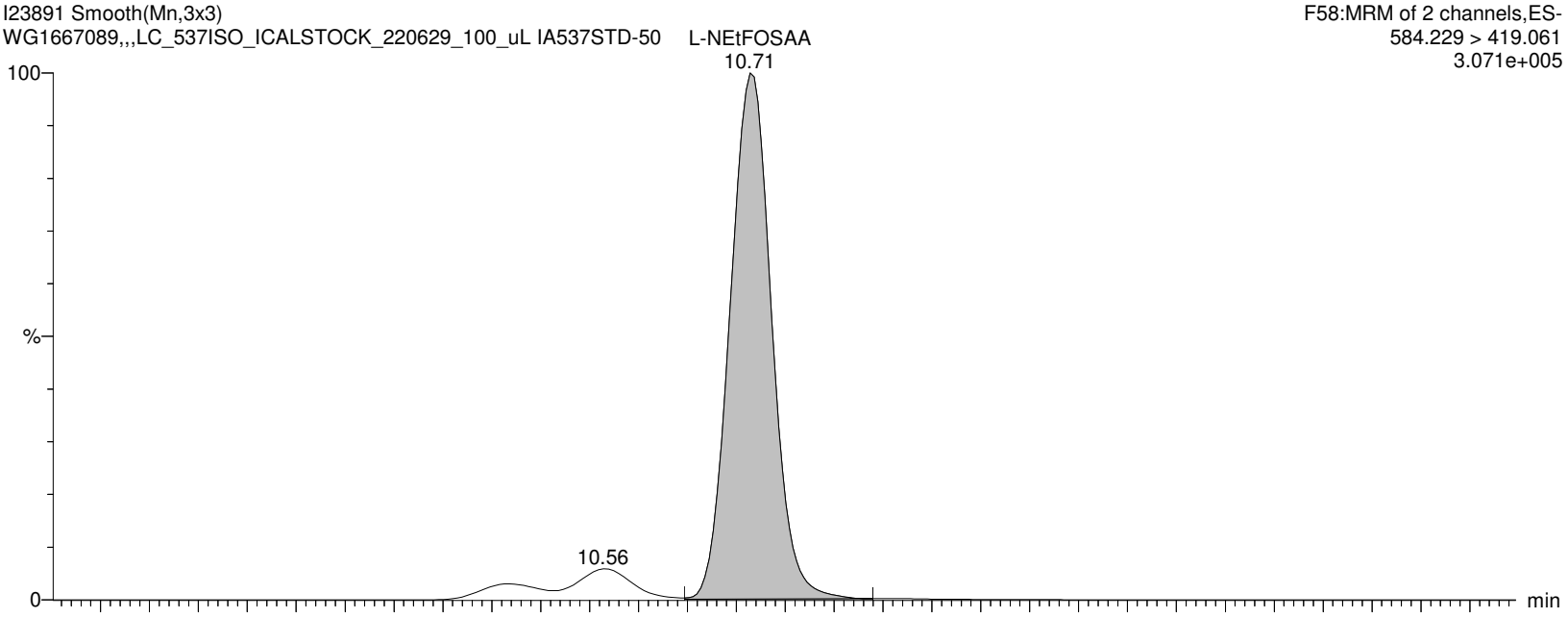


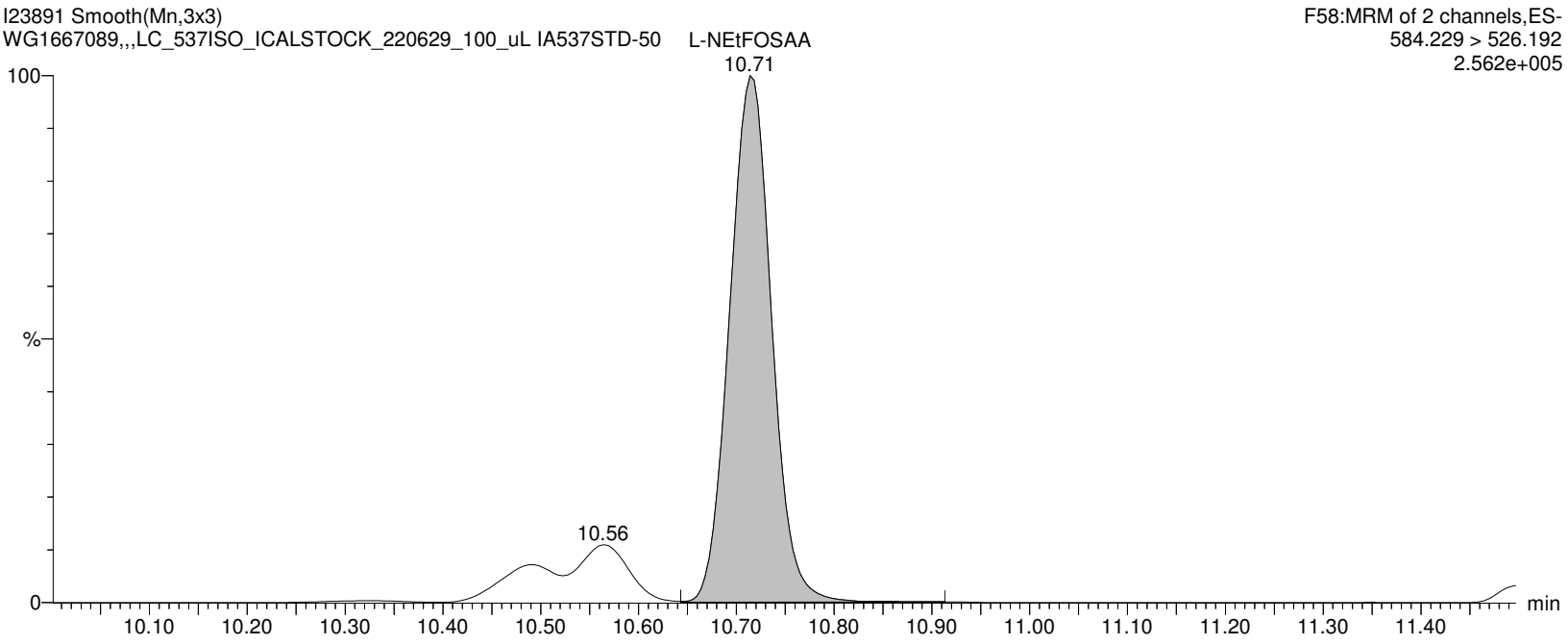
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

L-NEtFOSAA



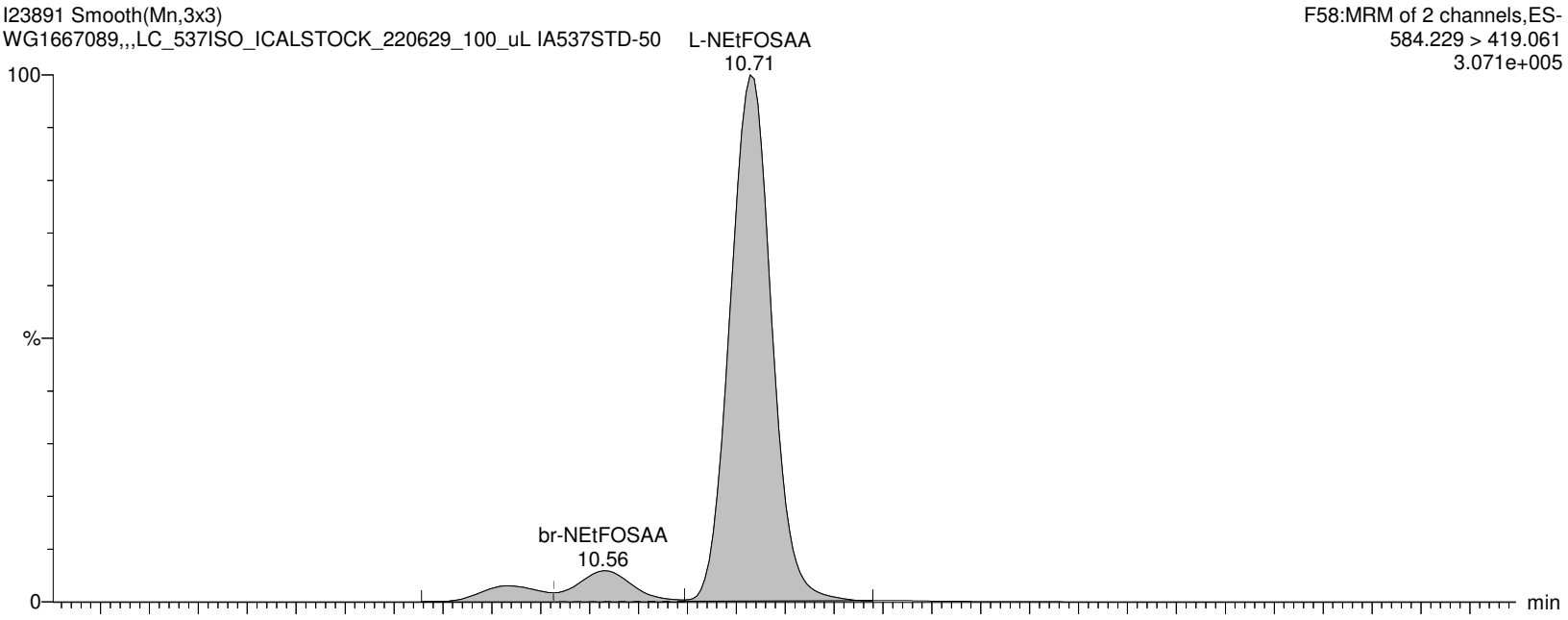


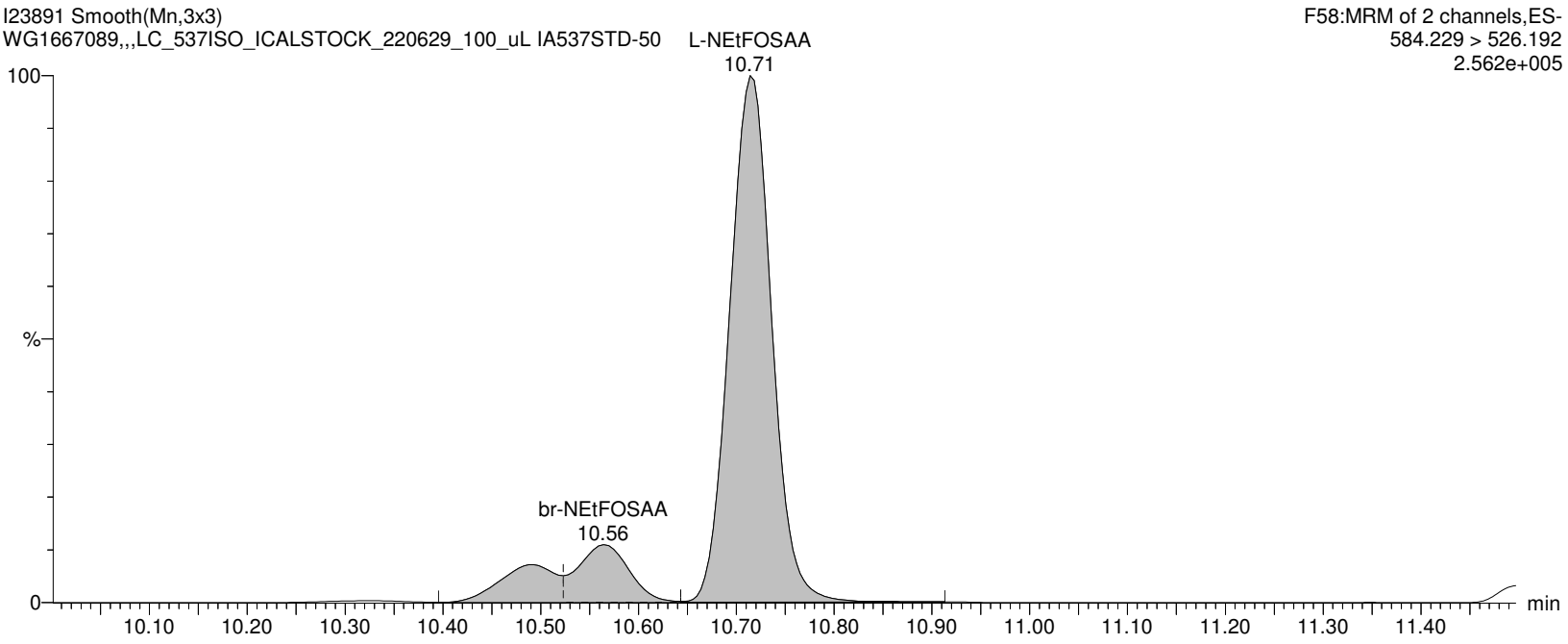
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NEtFOSAA



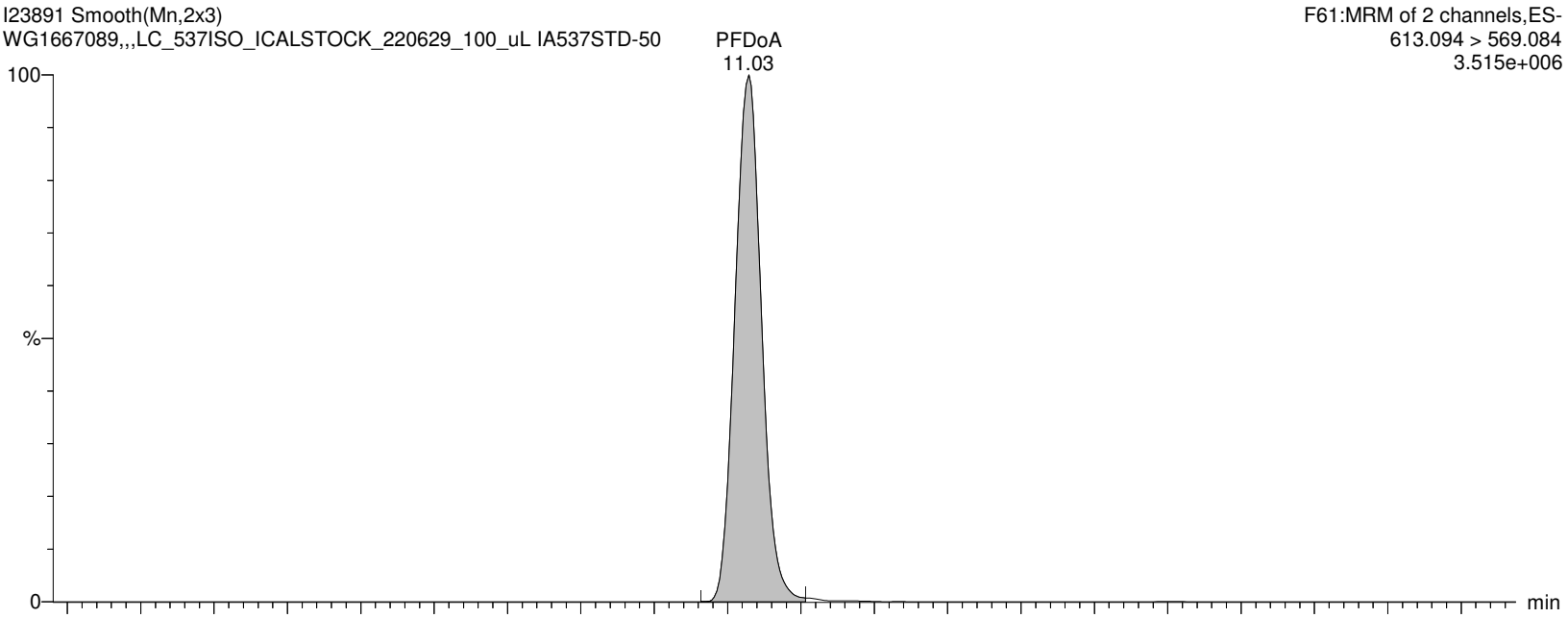


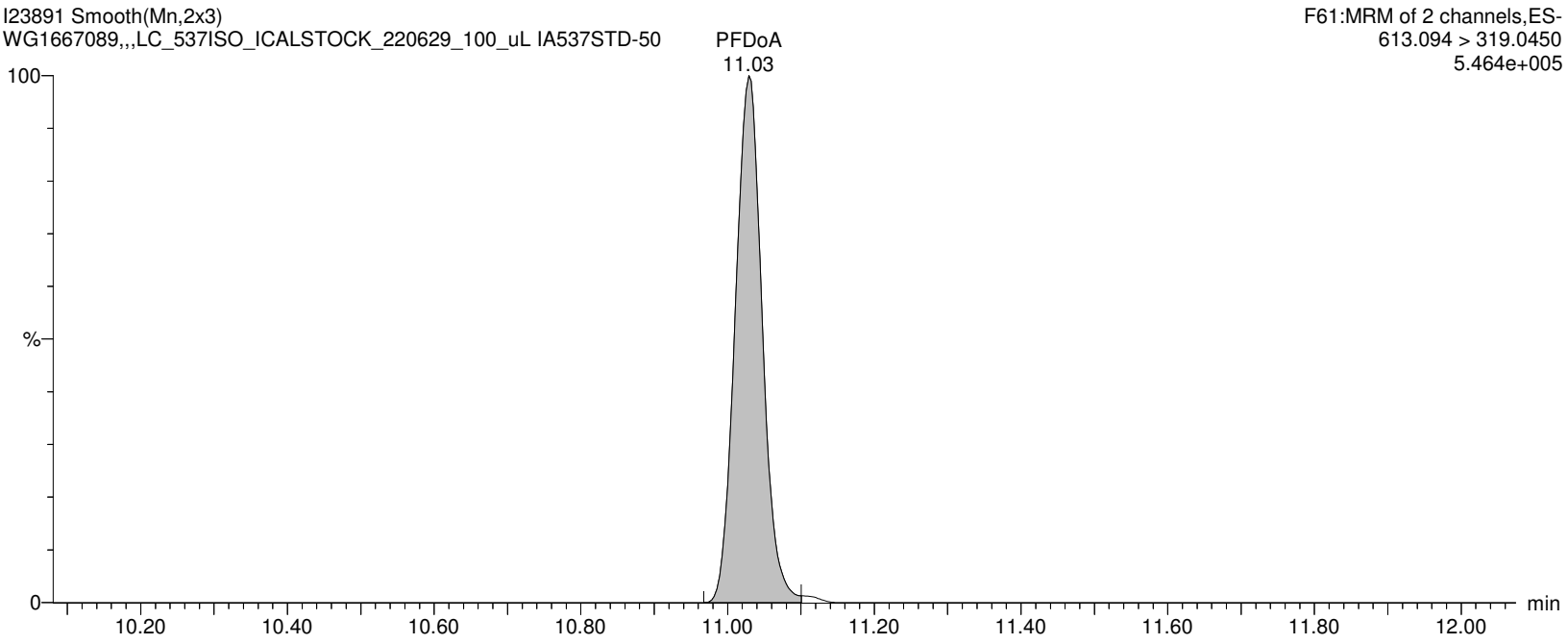
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFDoA



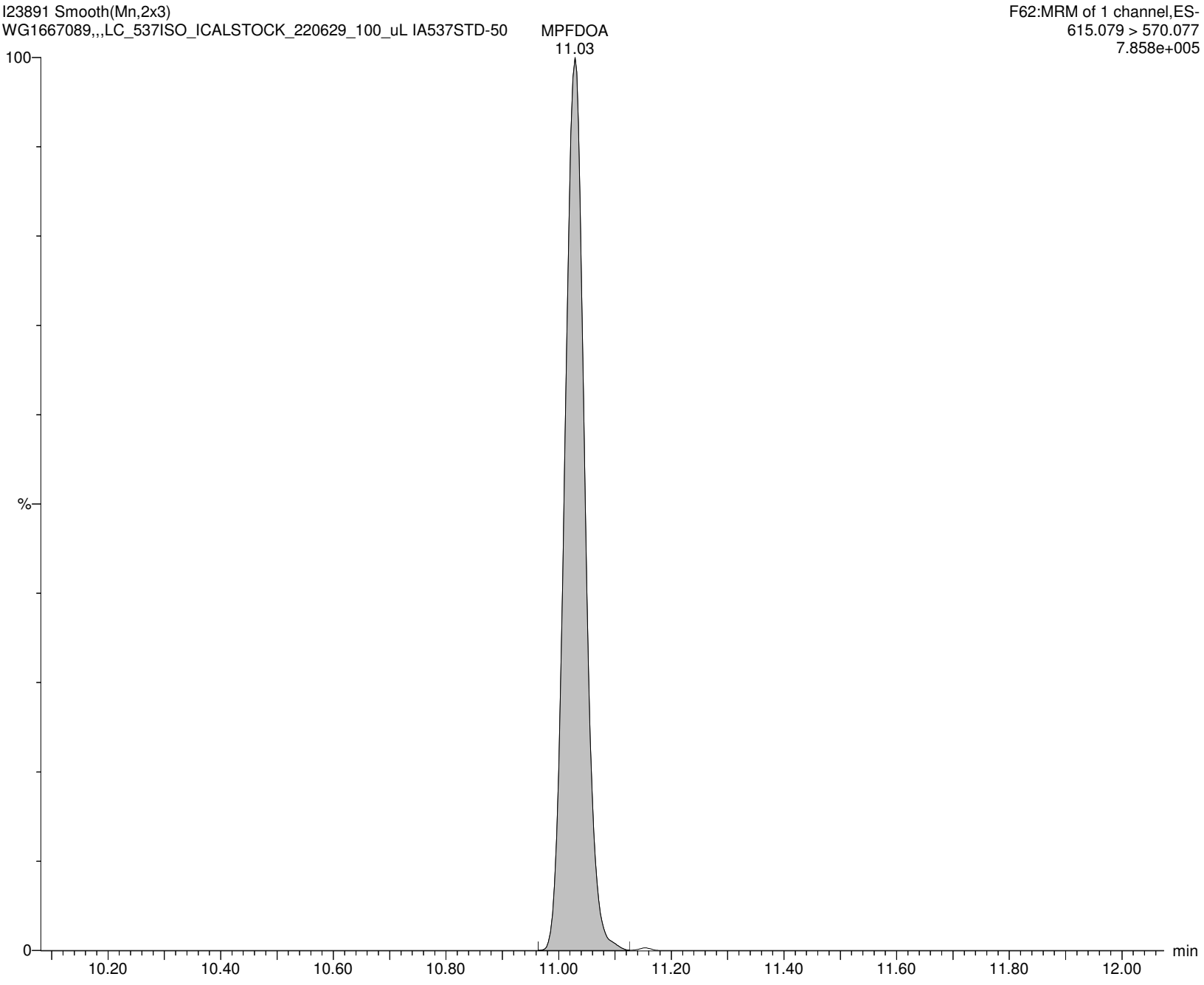


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

MPFDOA

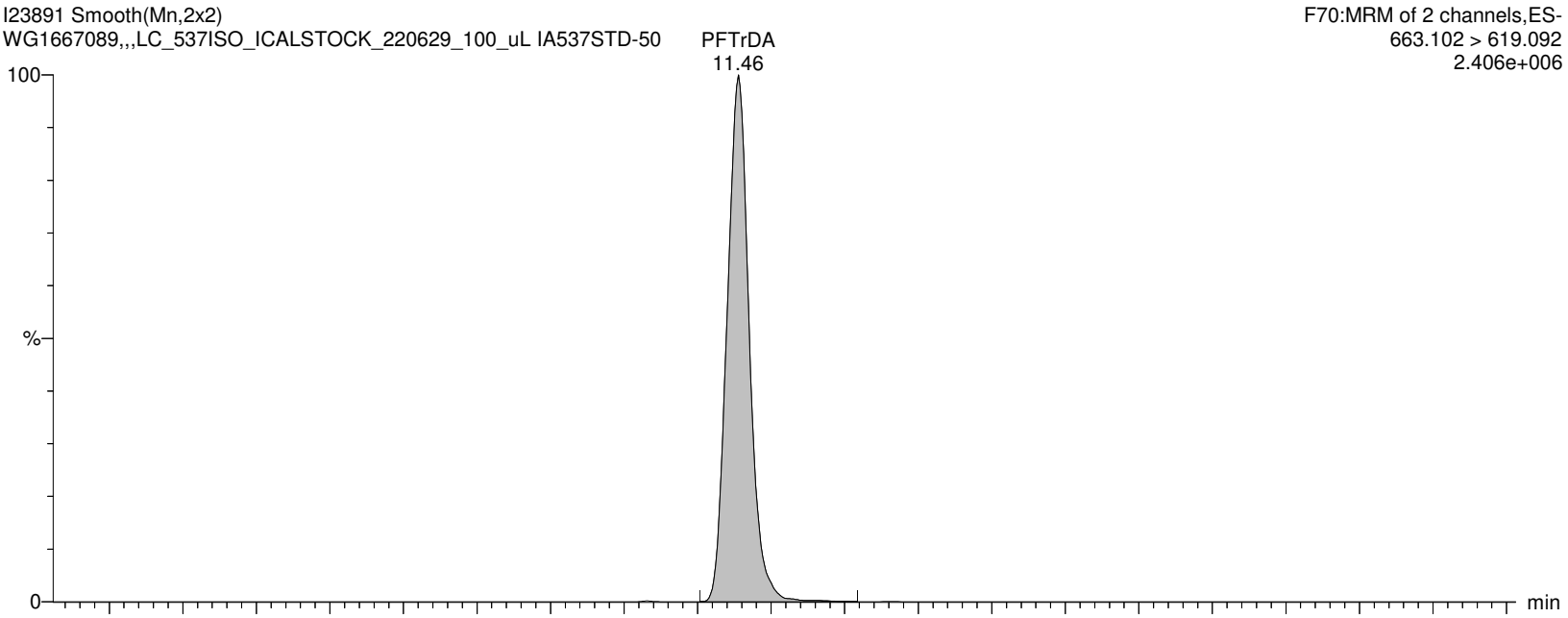


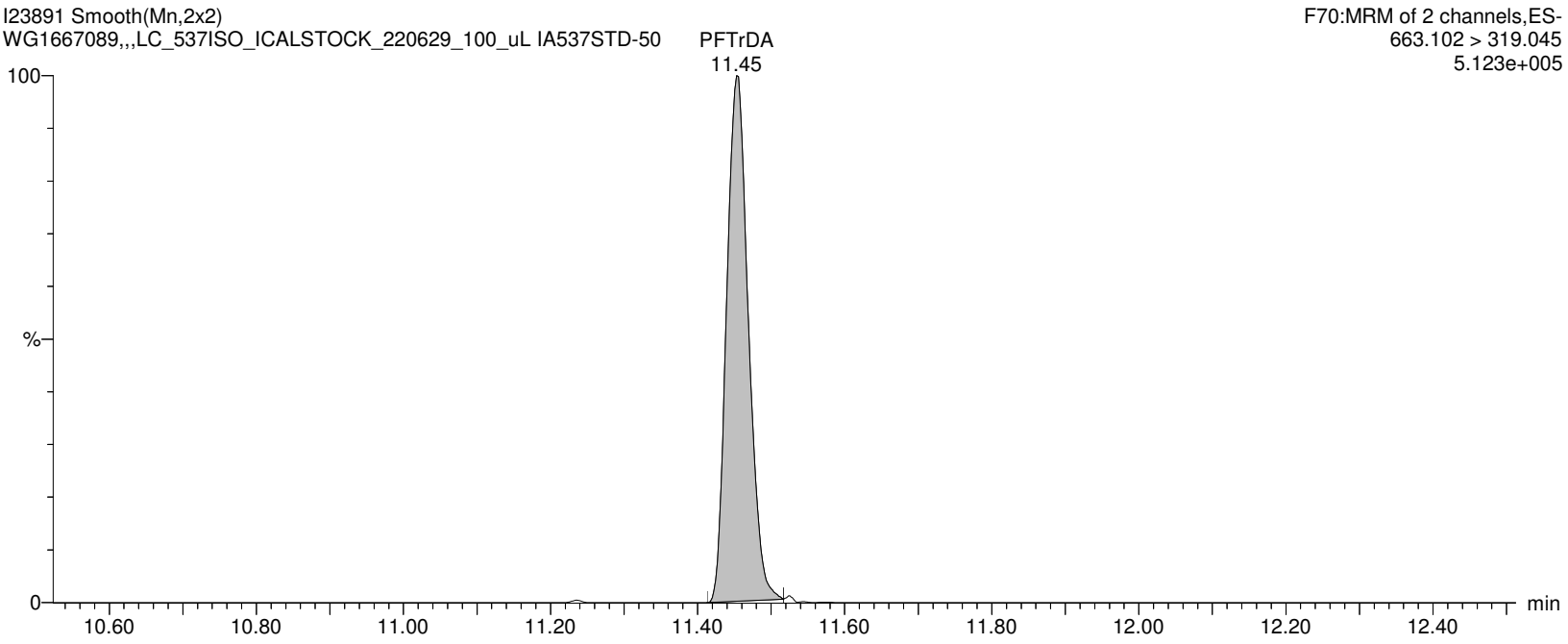
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFTrDA



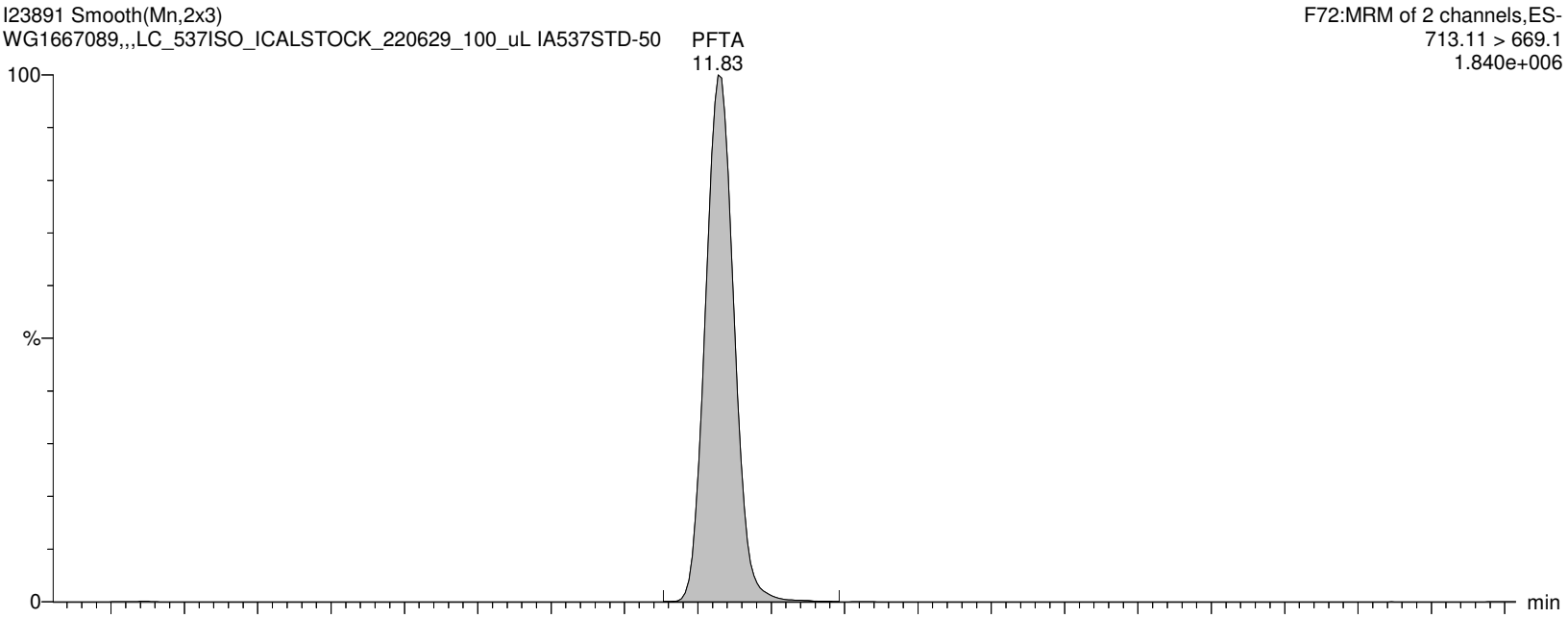


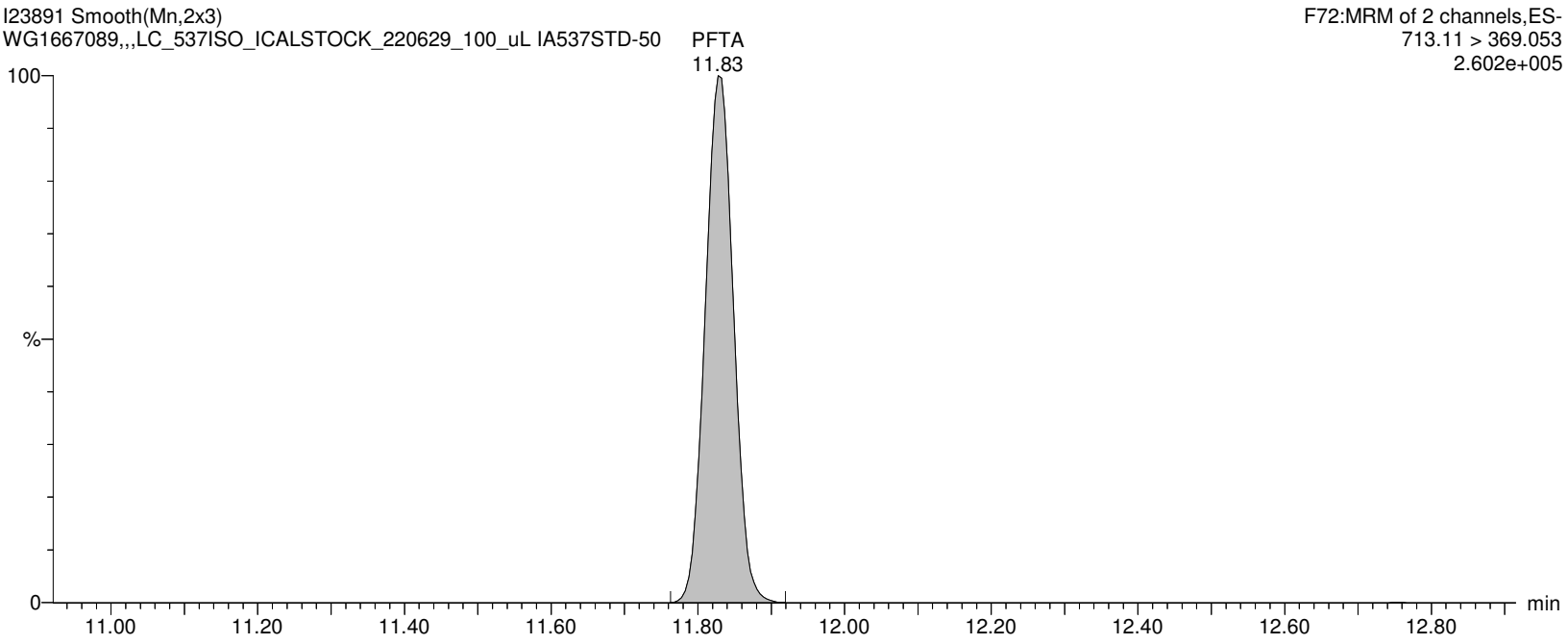
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFTA



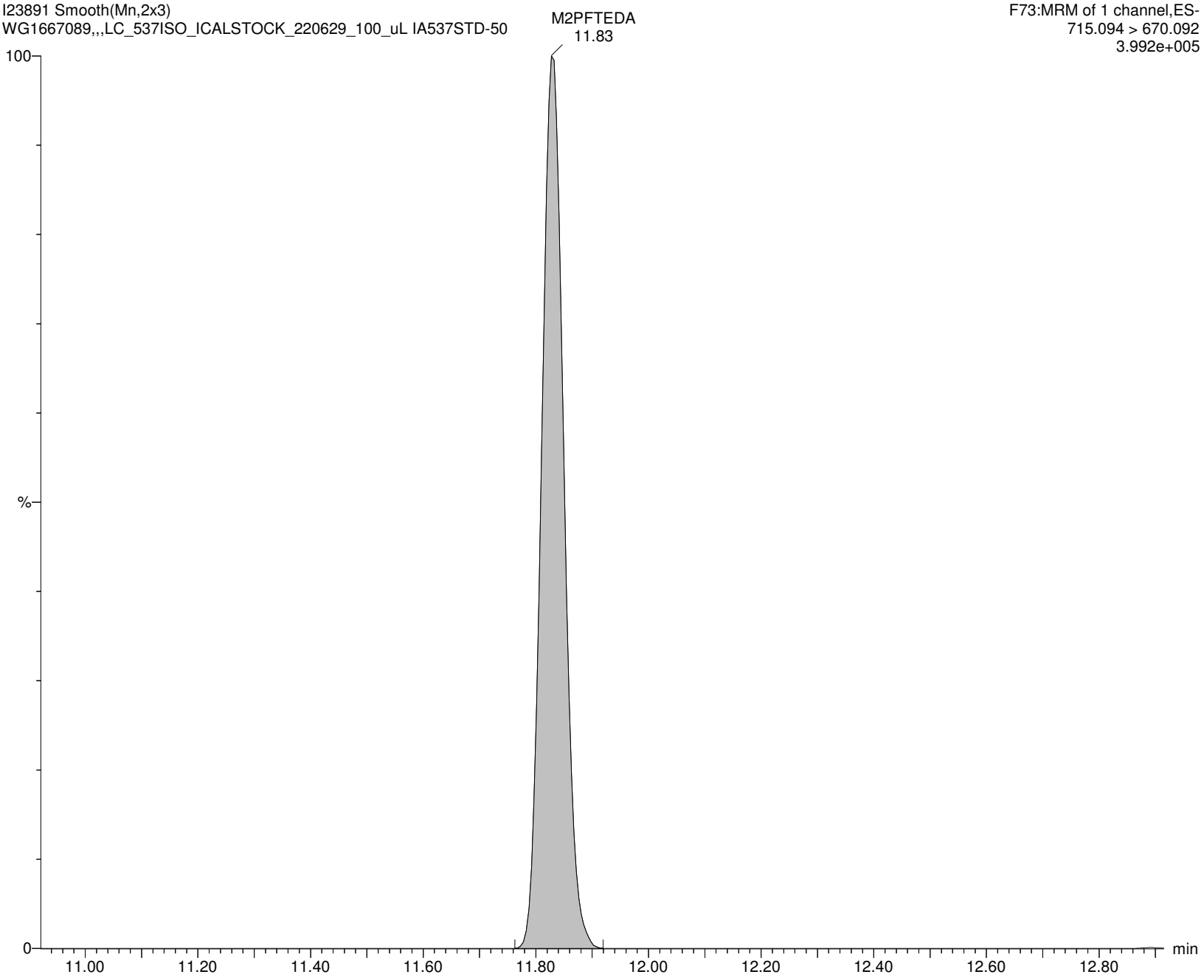


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2PFTEDA

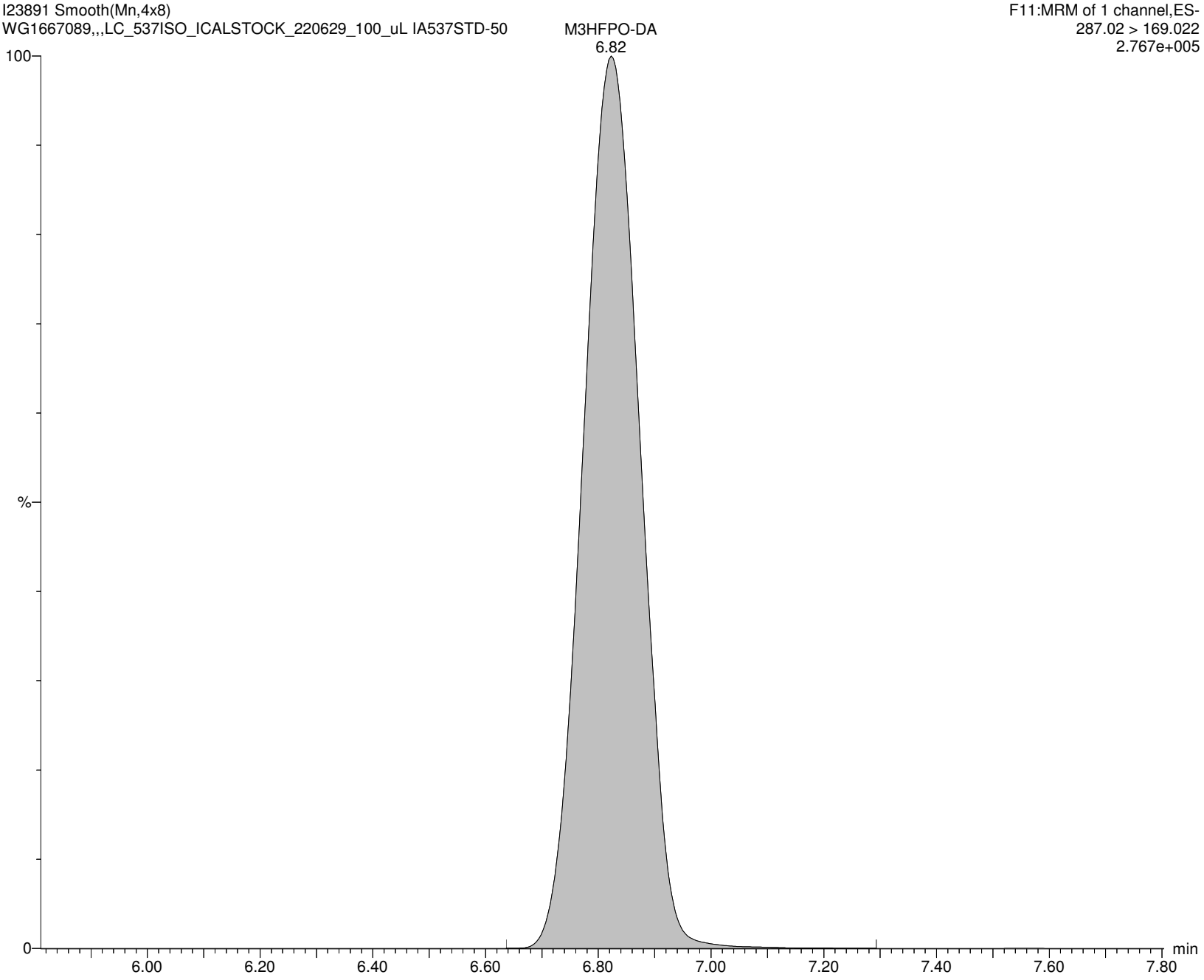


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M3HFPO-DA

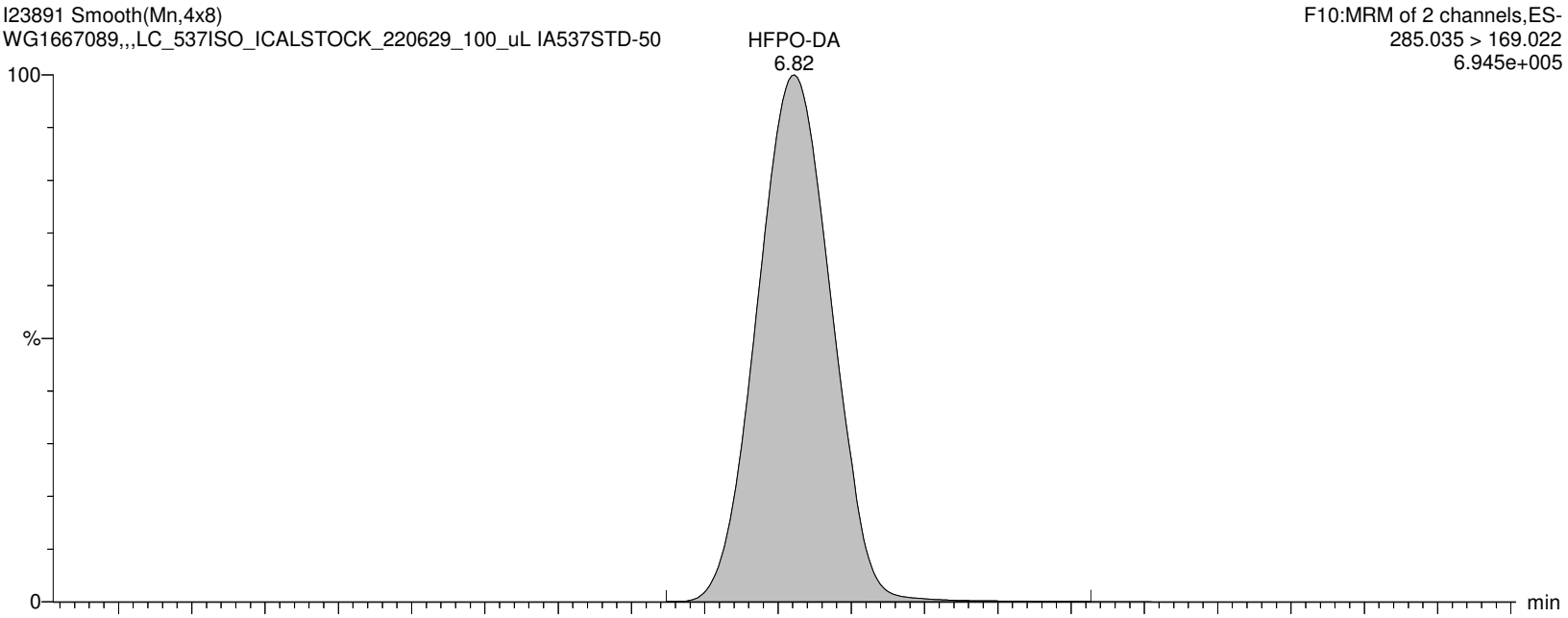


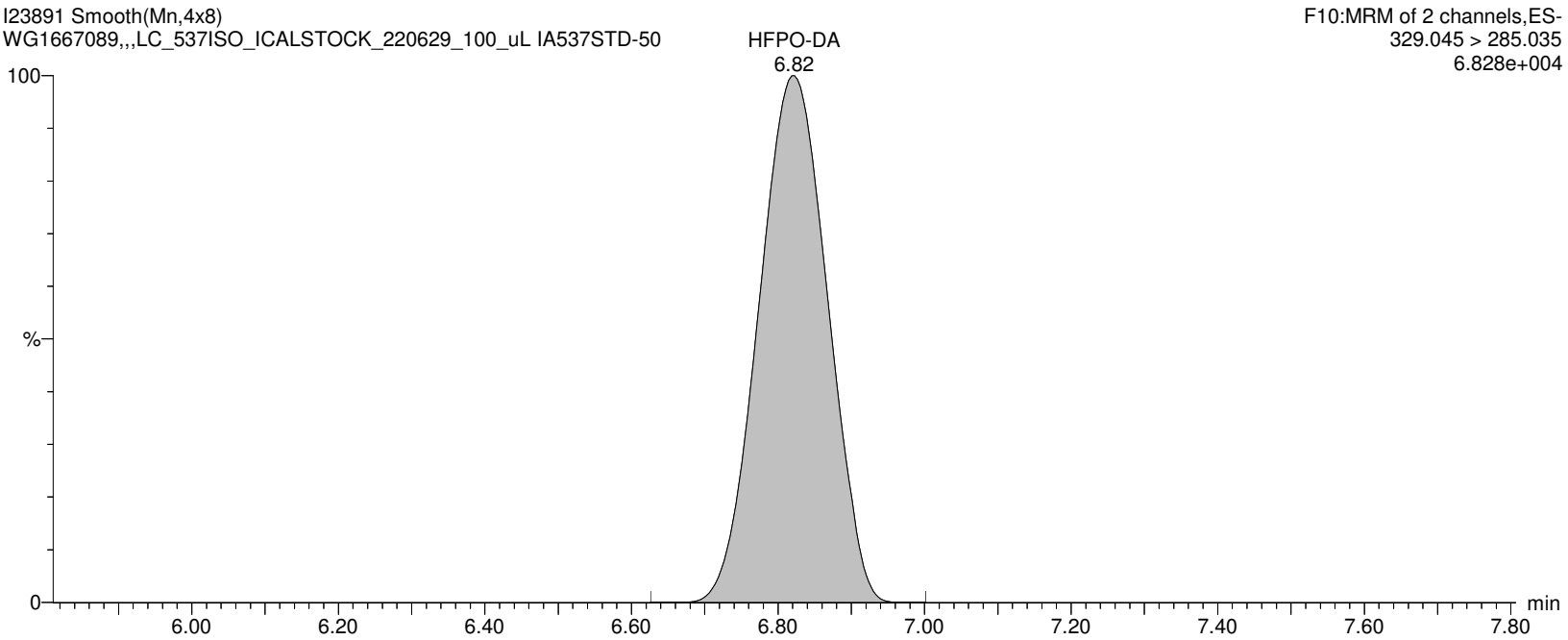
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

HFPO-DA



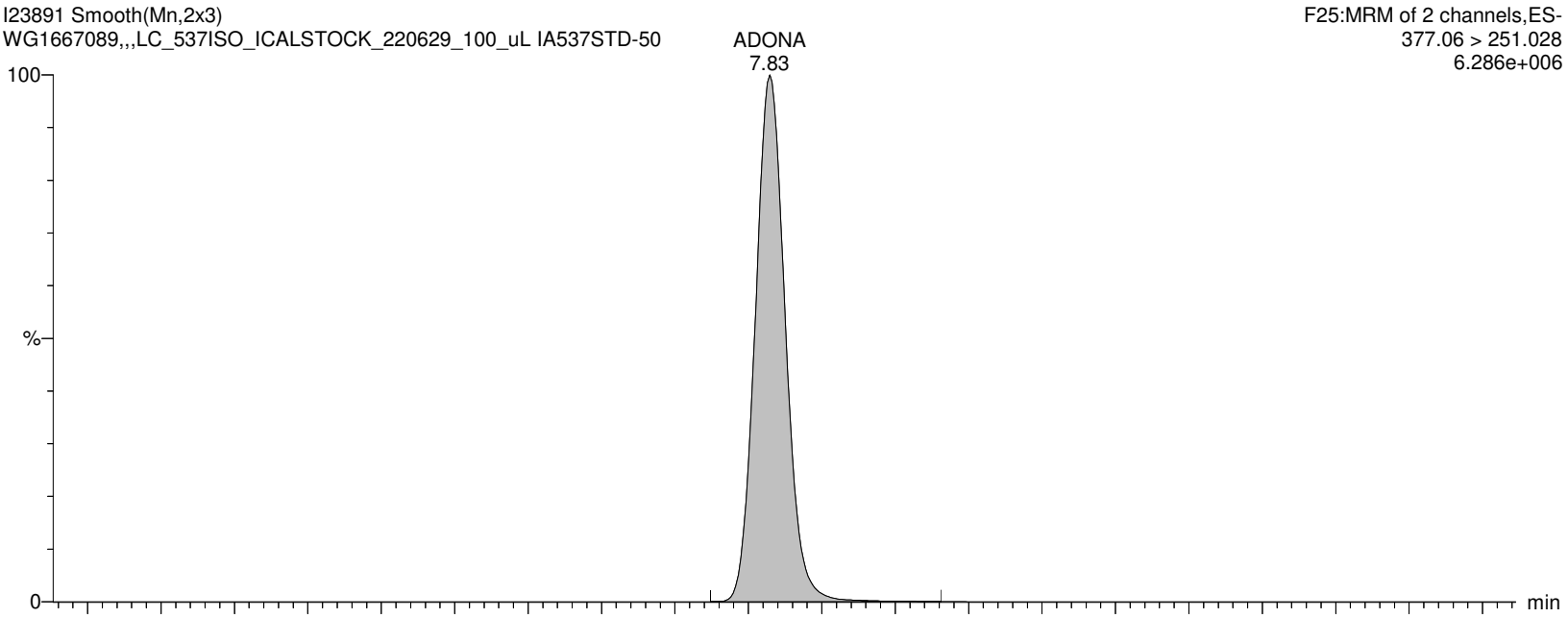


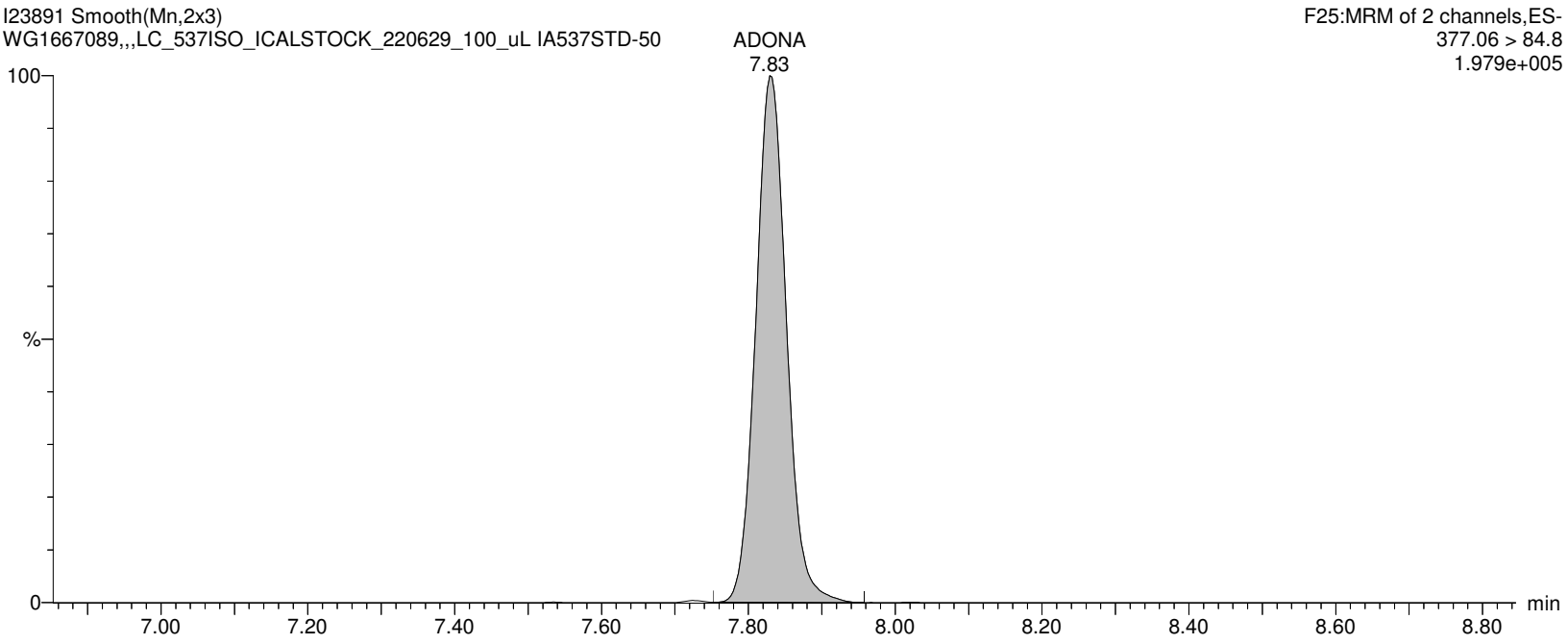
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

ADONA



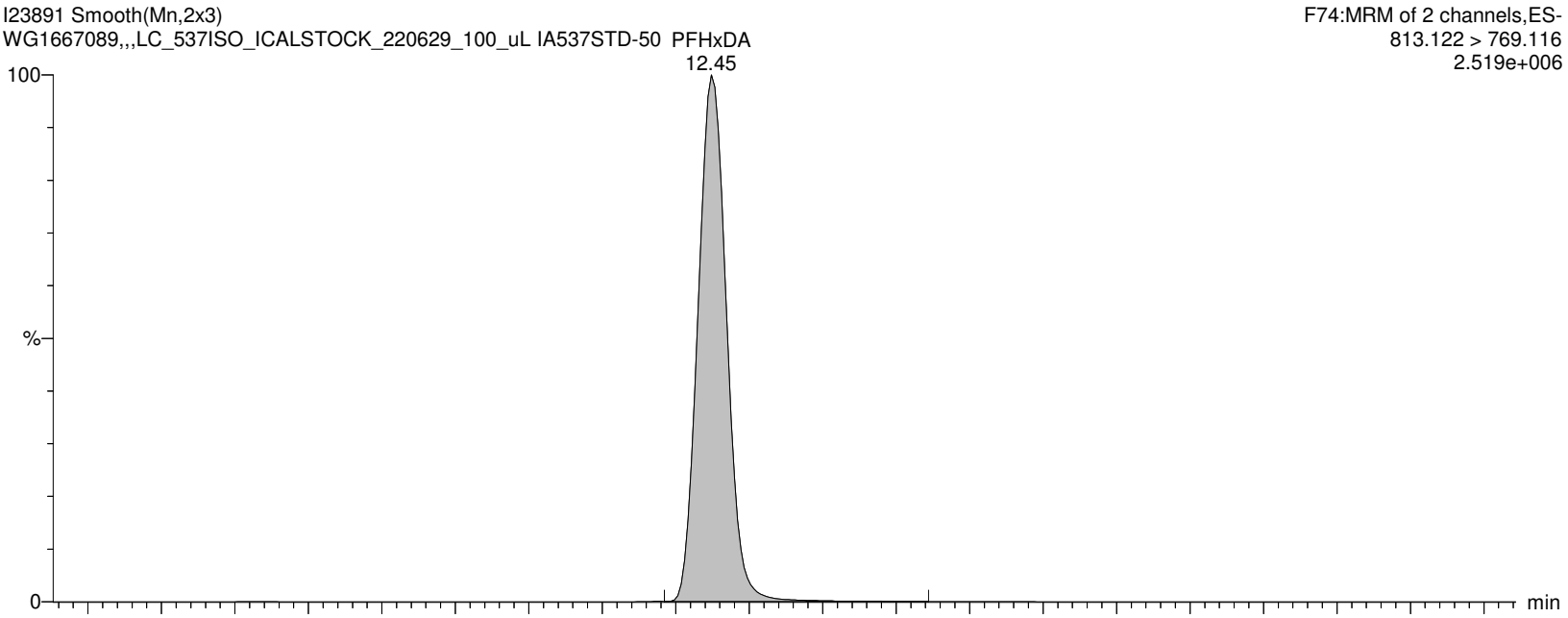


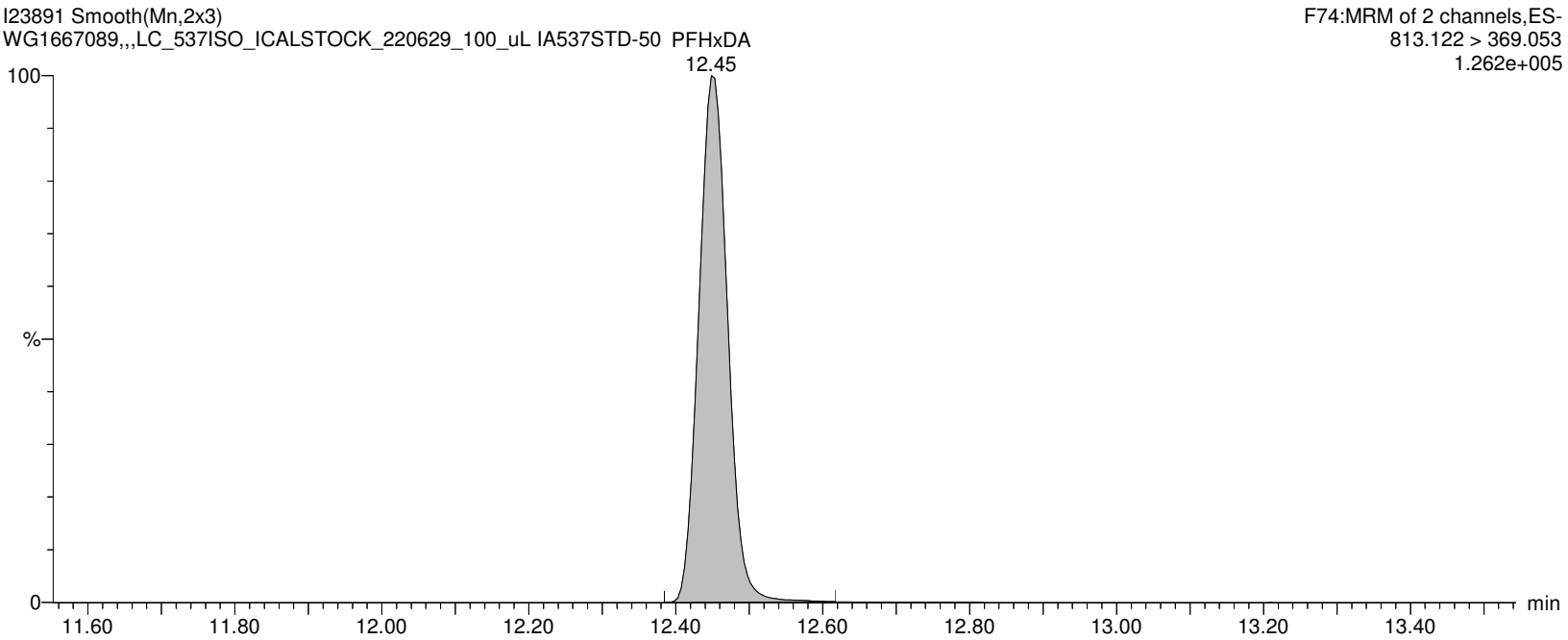
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFHxDA



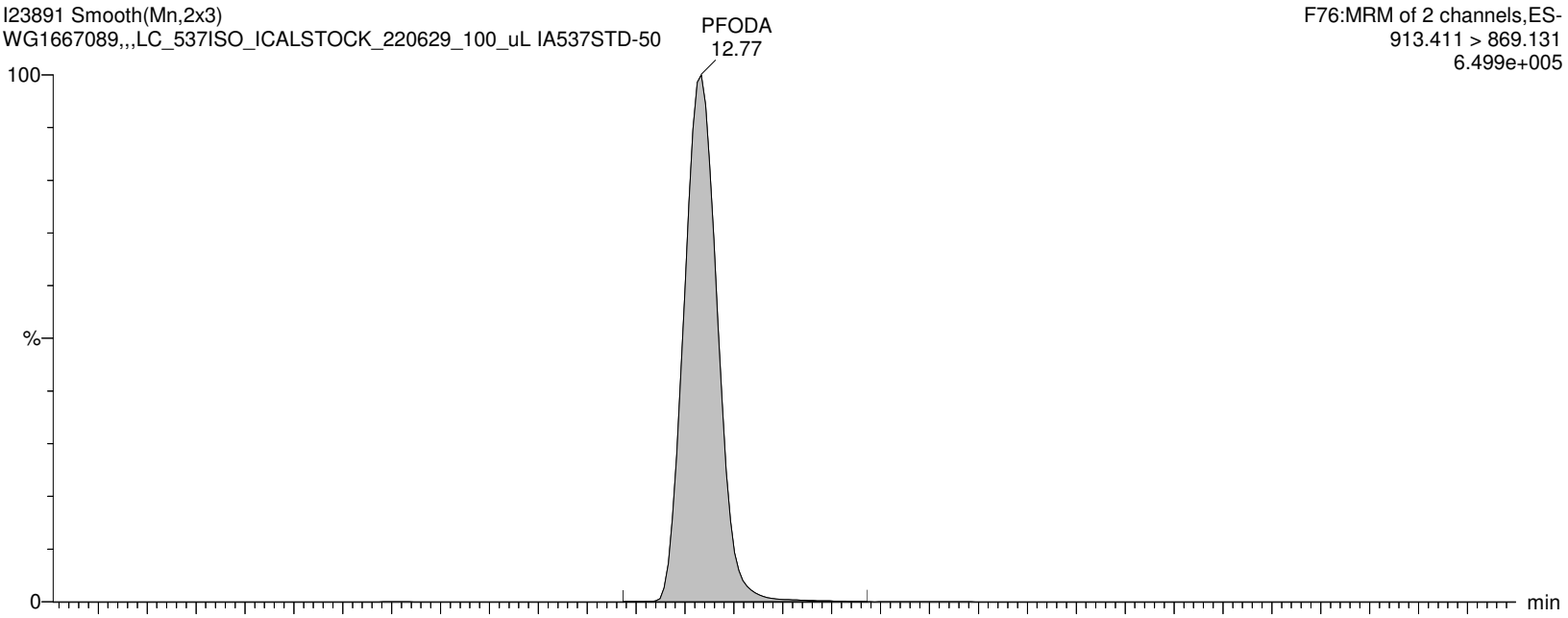


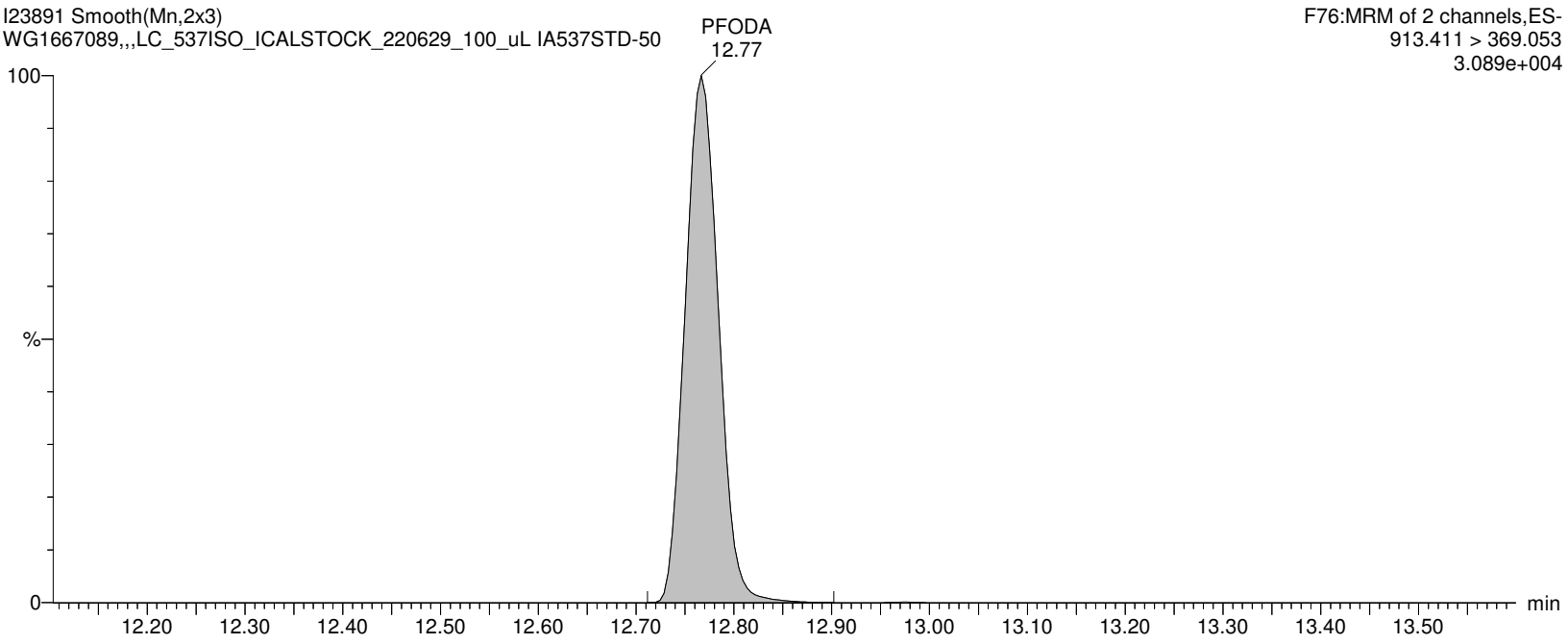
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFODA



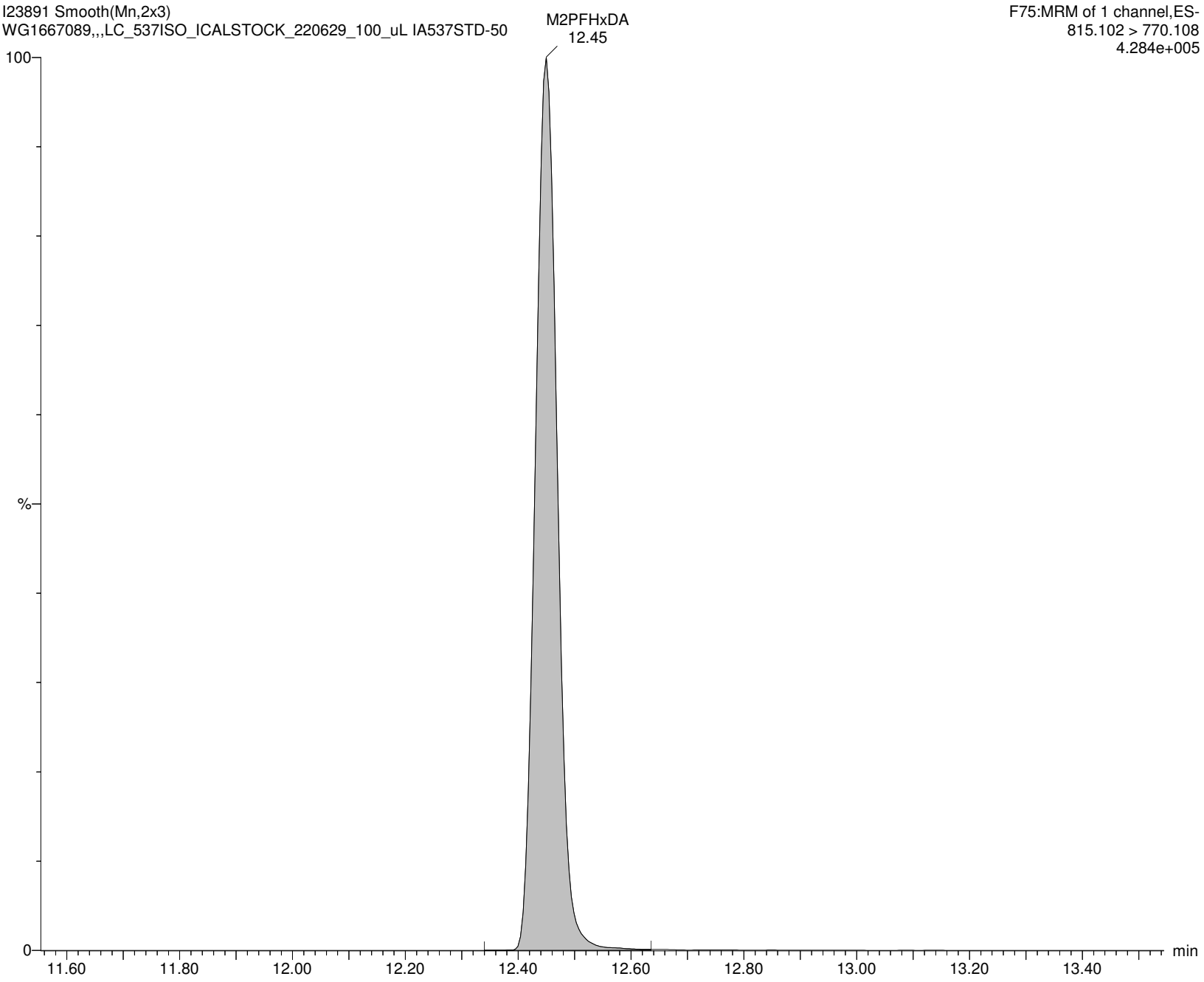


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2PFHxDA

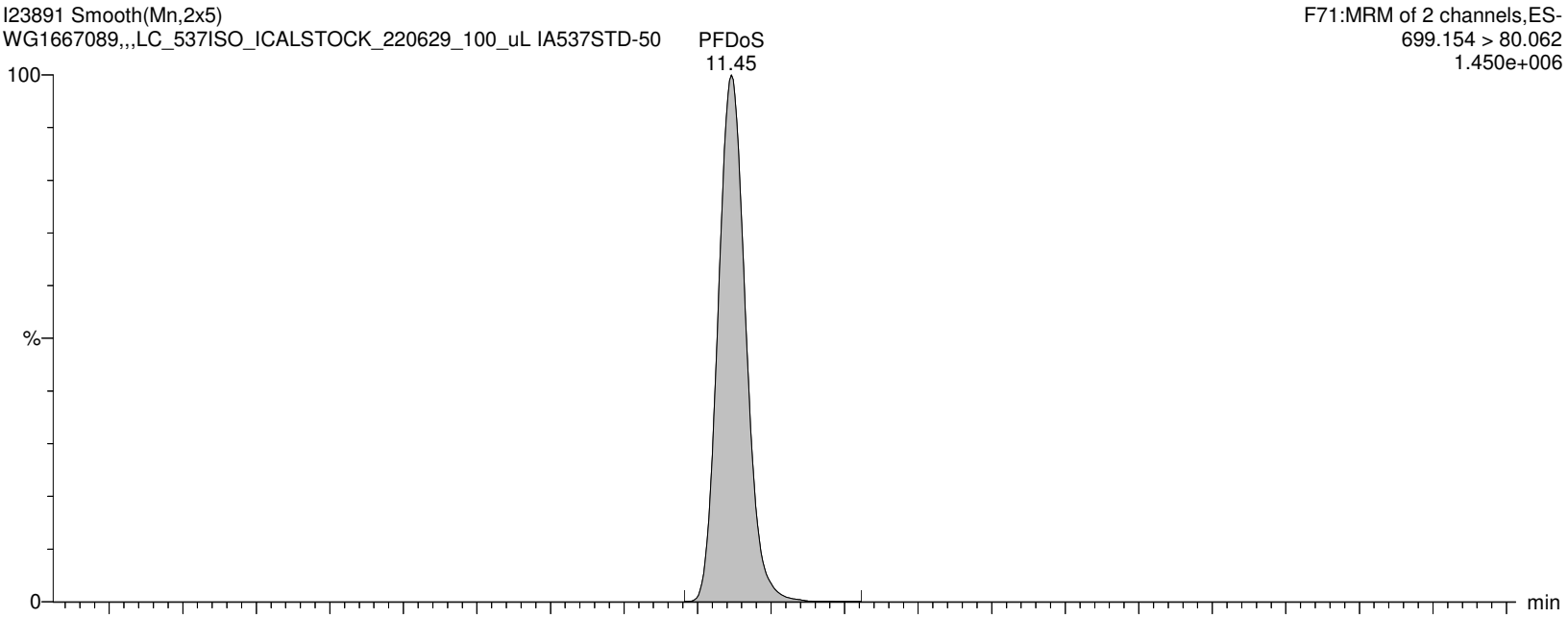


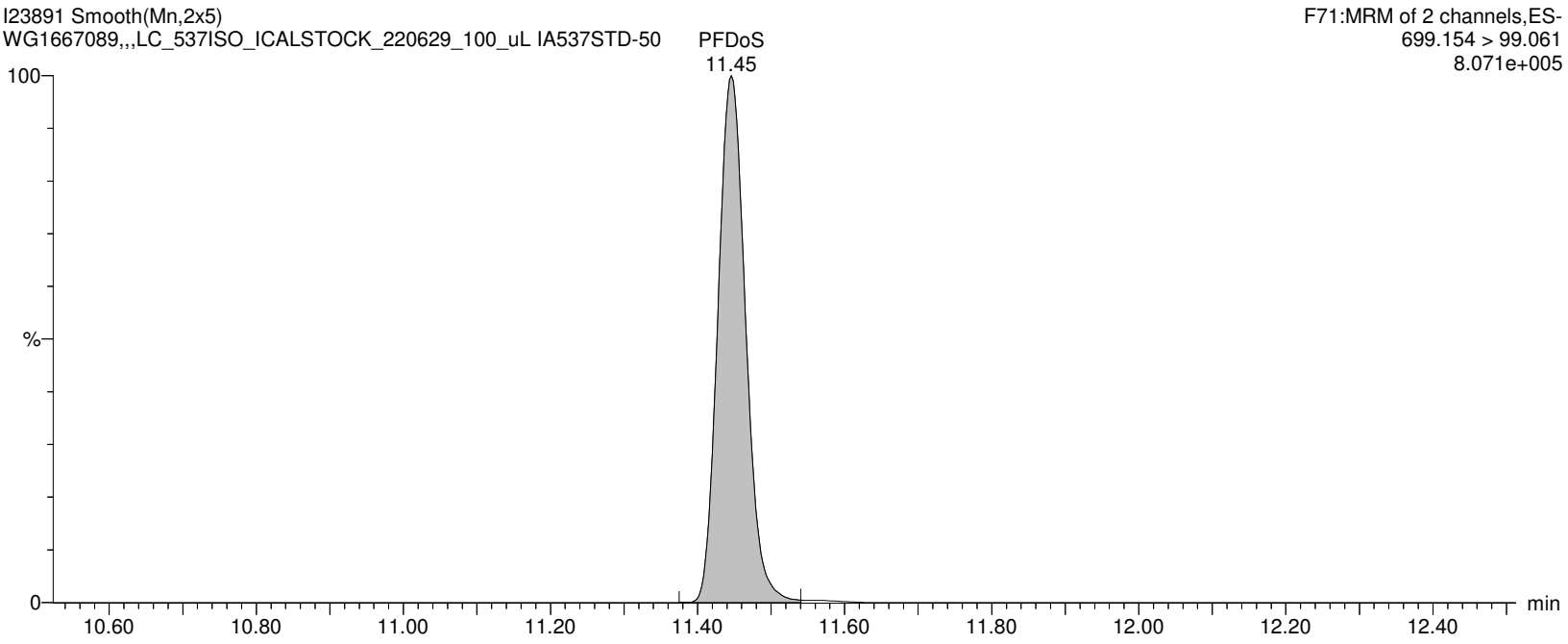
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFDoS



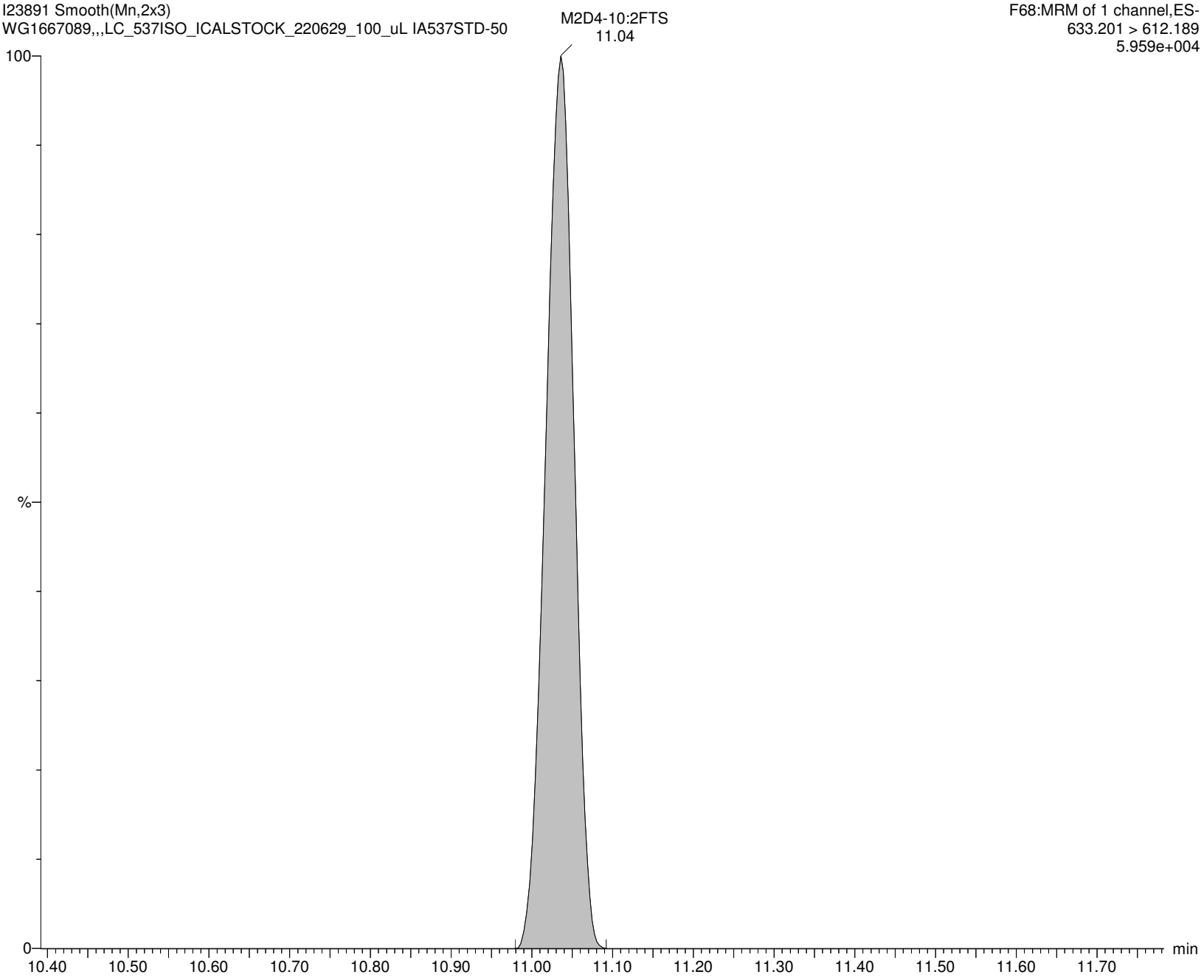


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2D4-10:2FTS

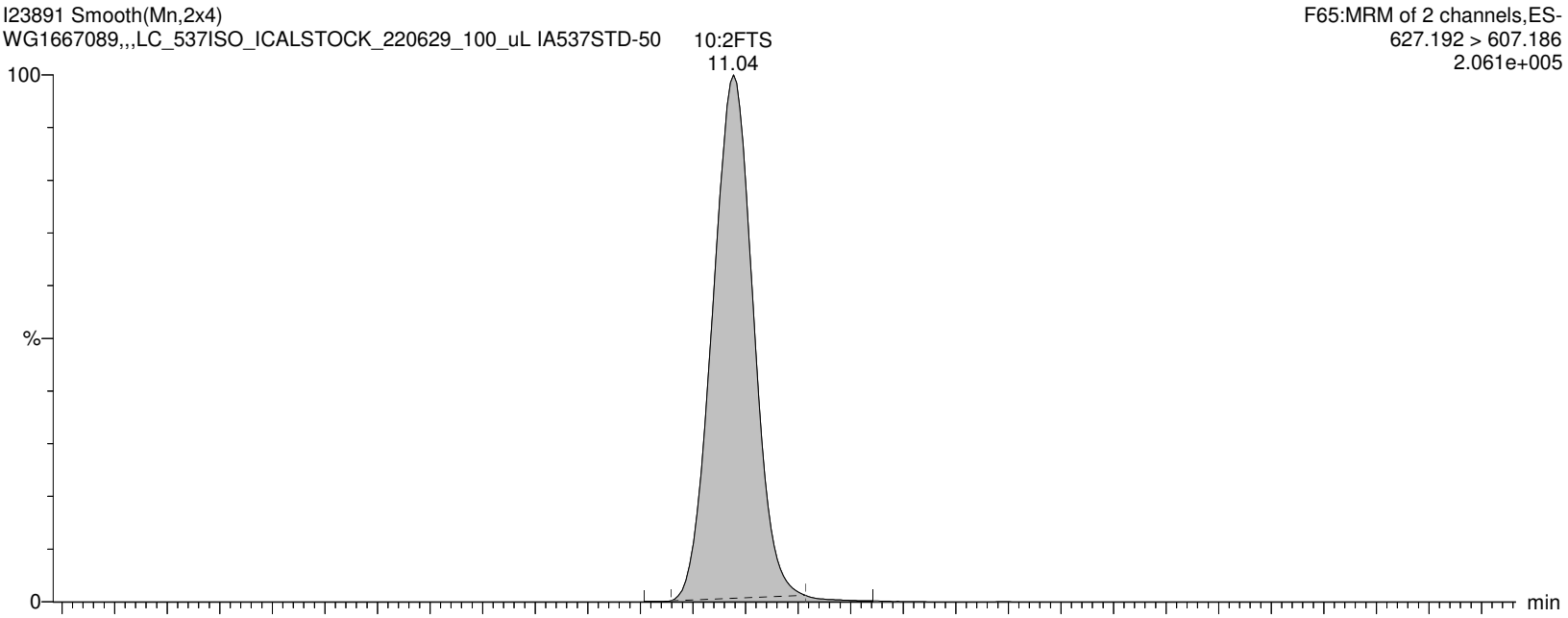


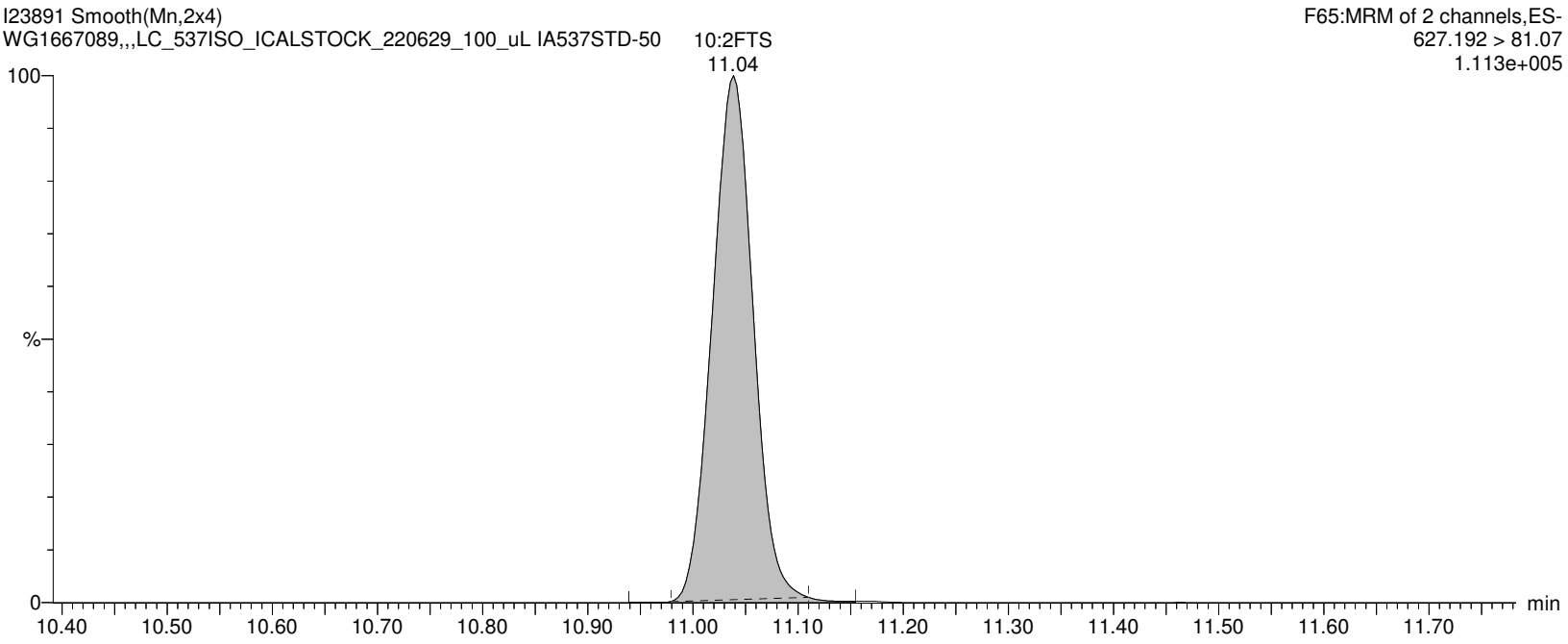
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

10:2FTS



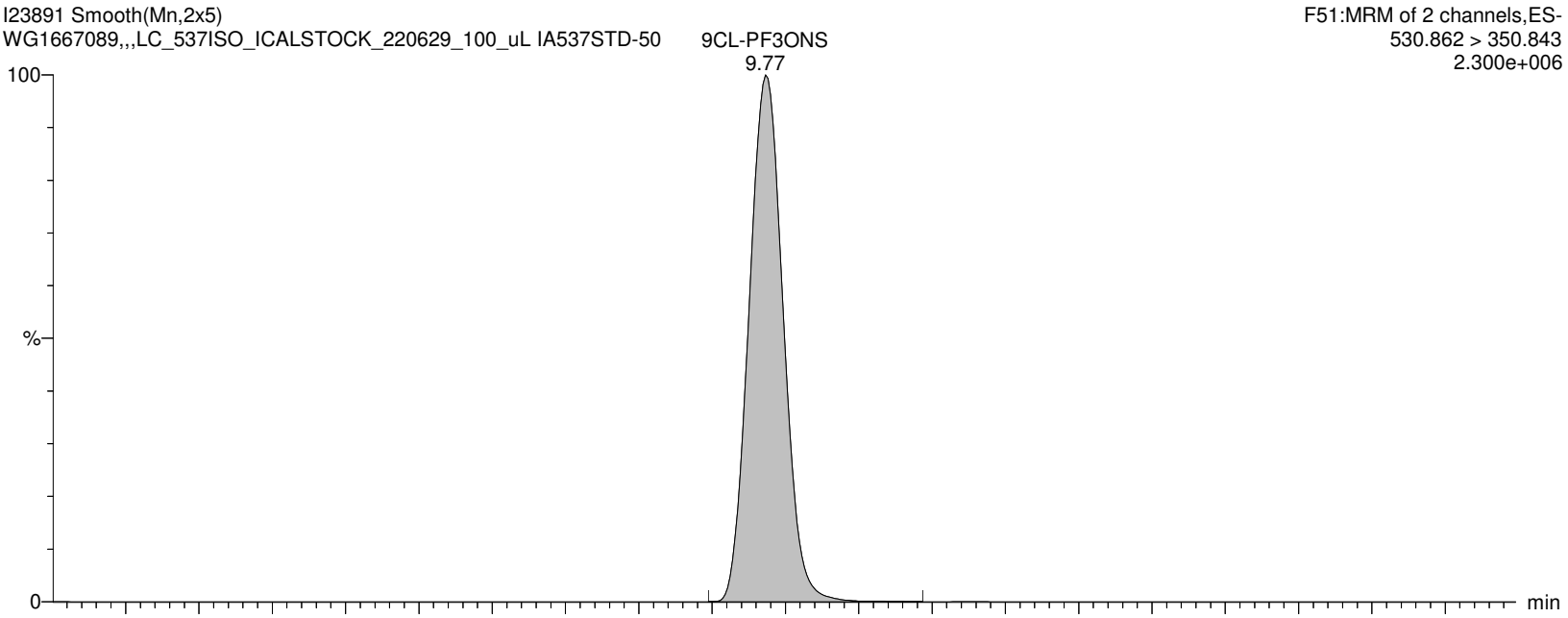


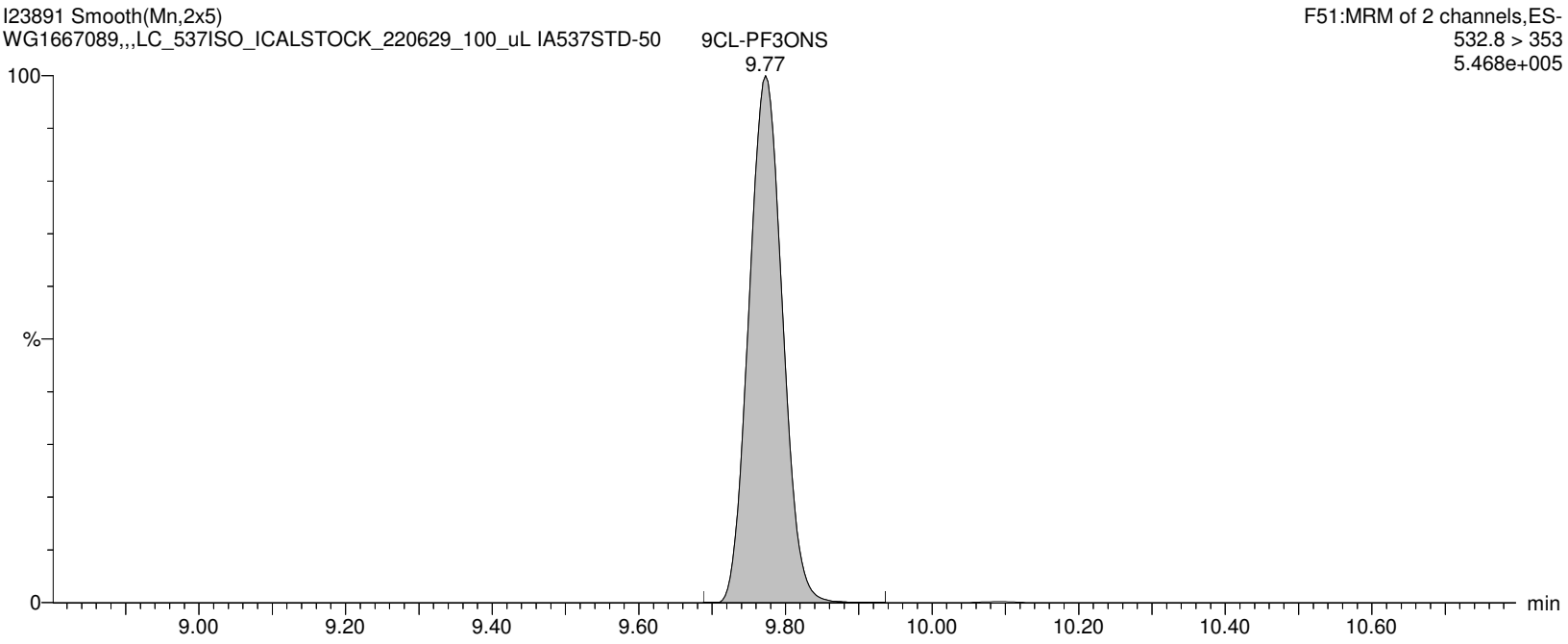
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

9CL-PF3ONS



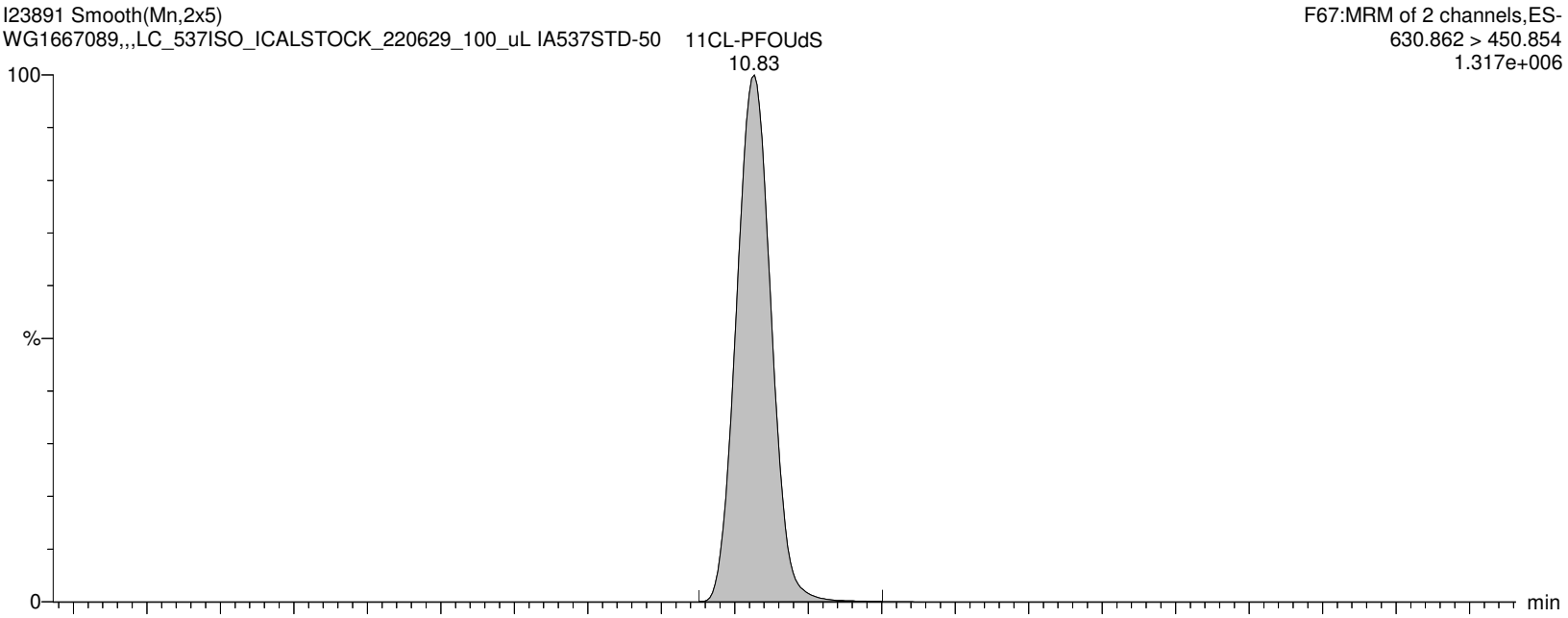


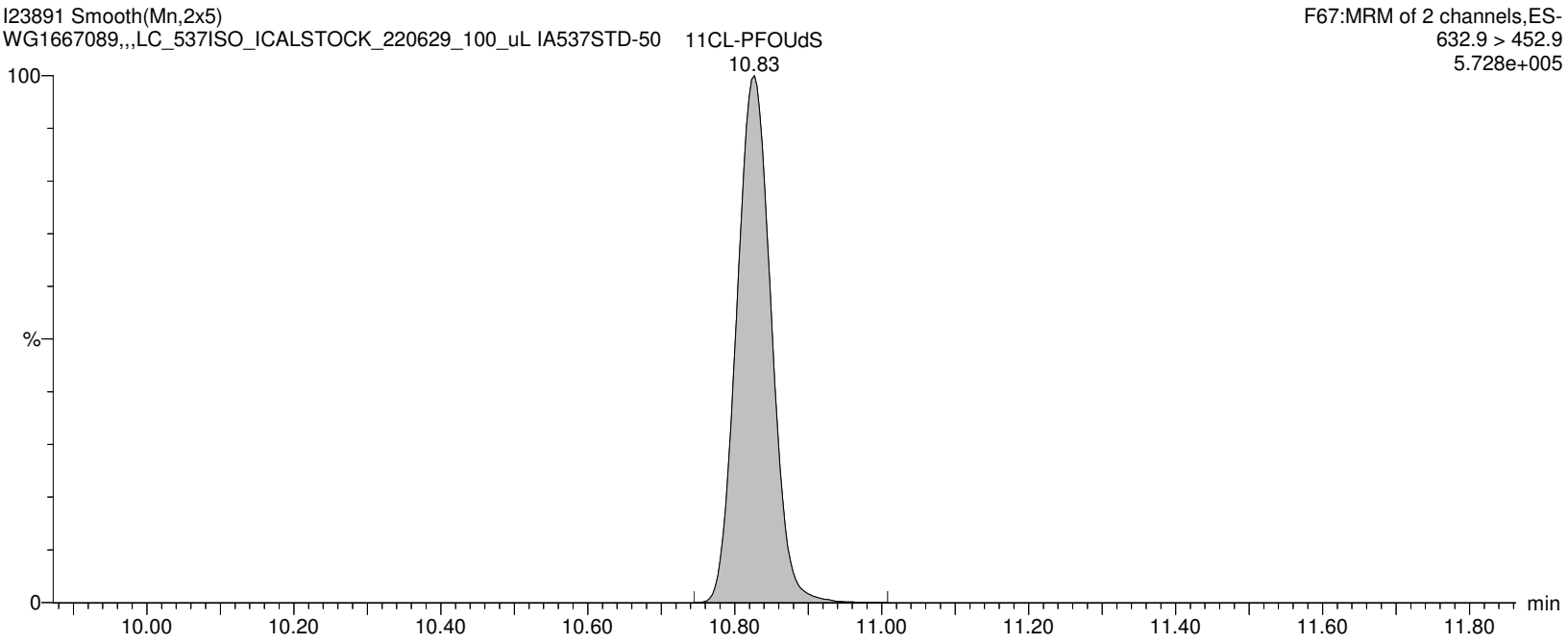
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

11CL-PFOUdS



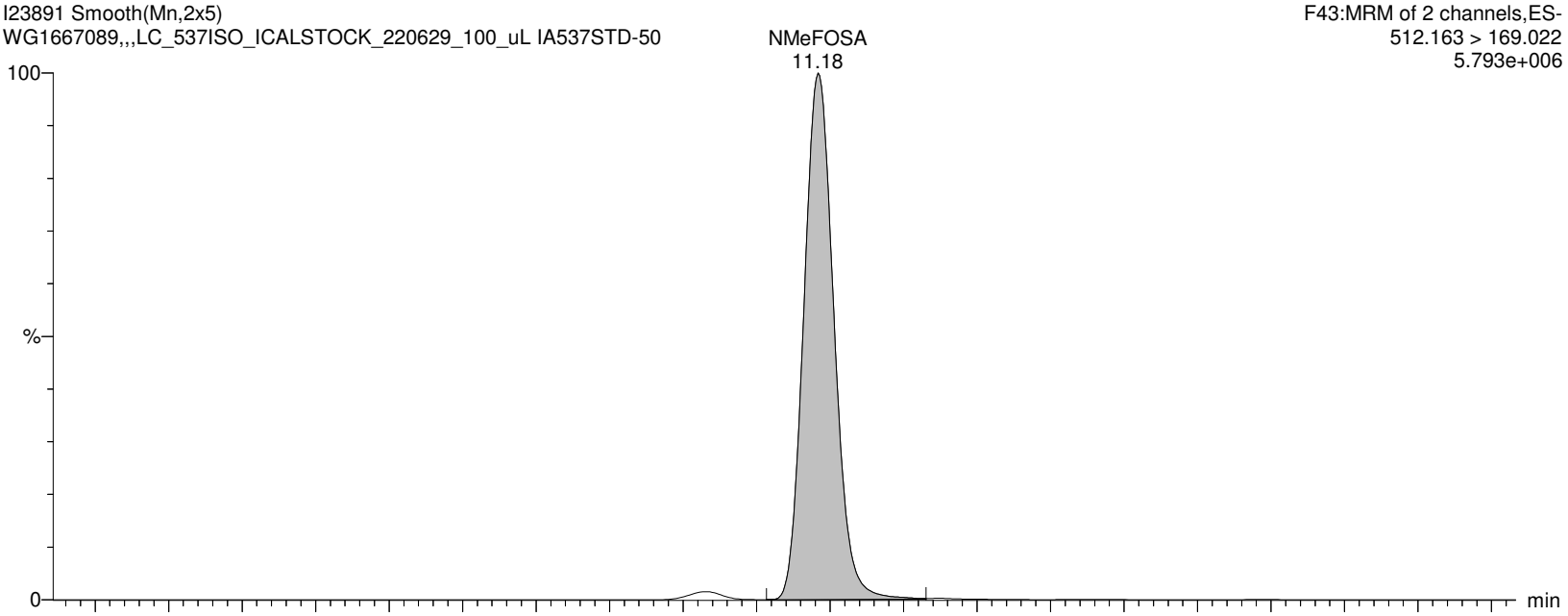


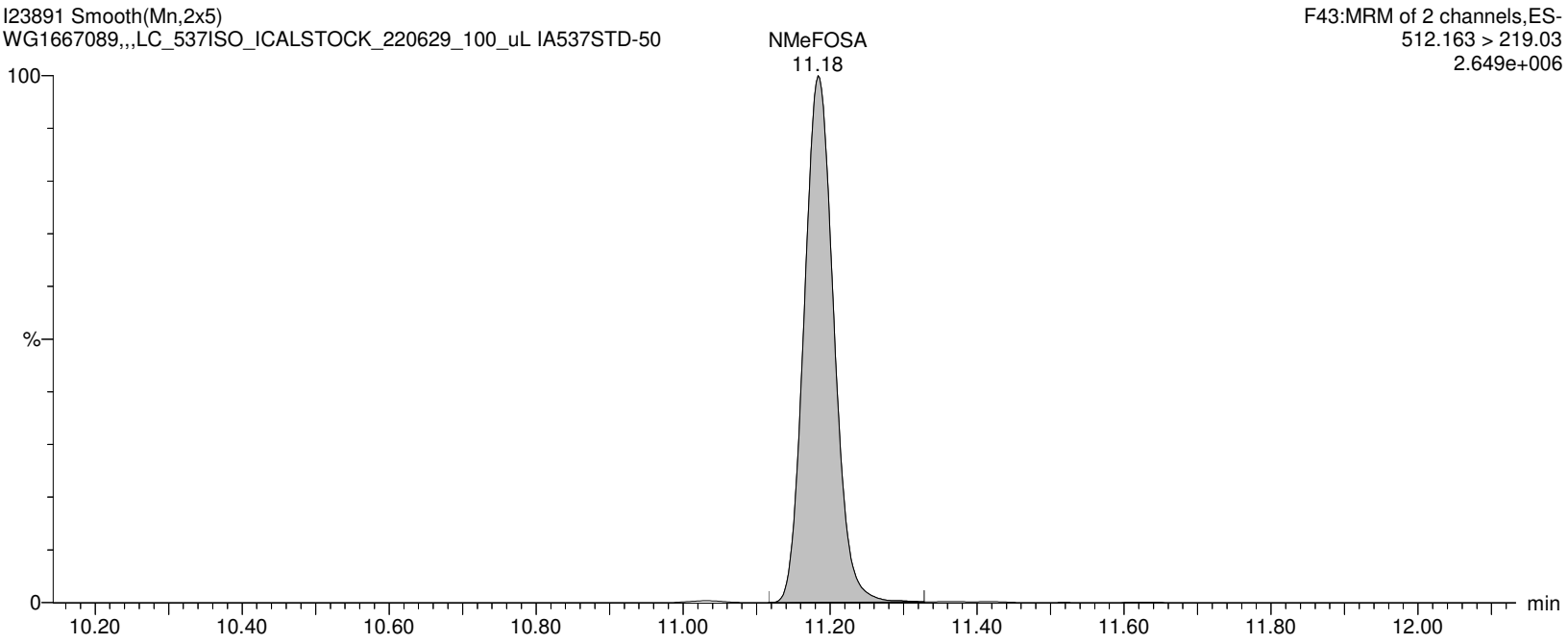
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NMeFOSA



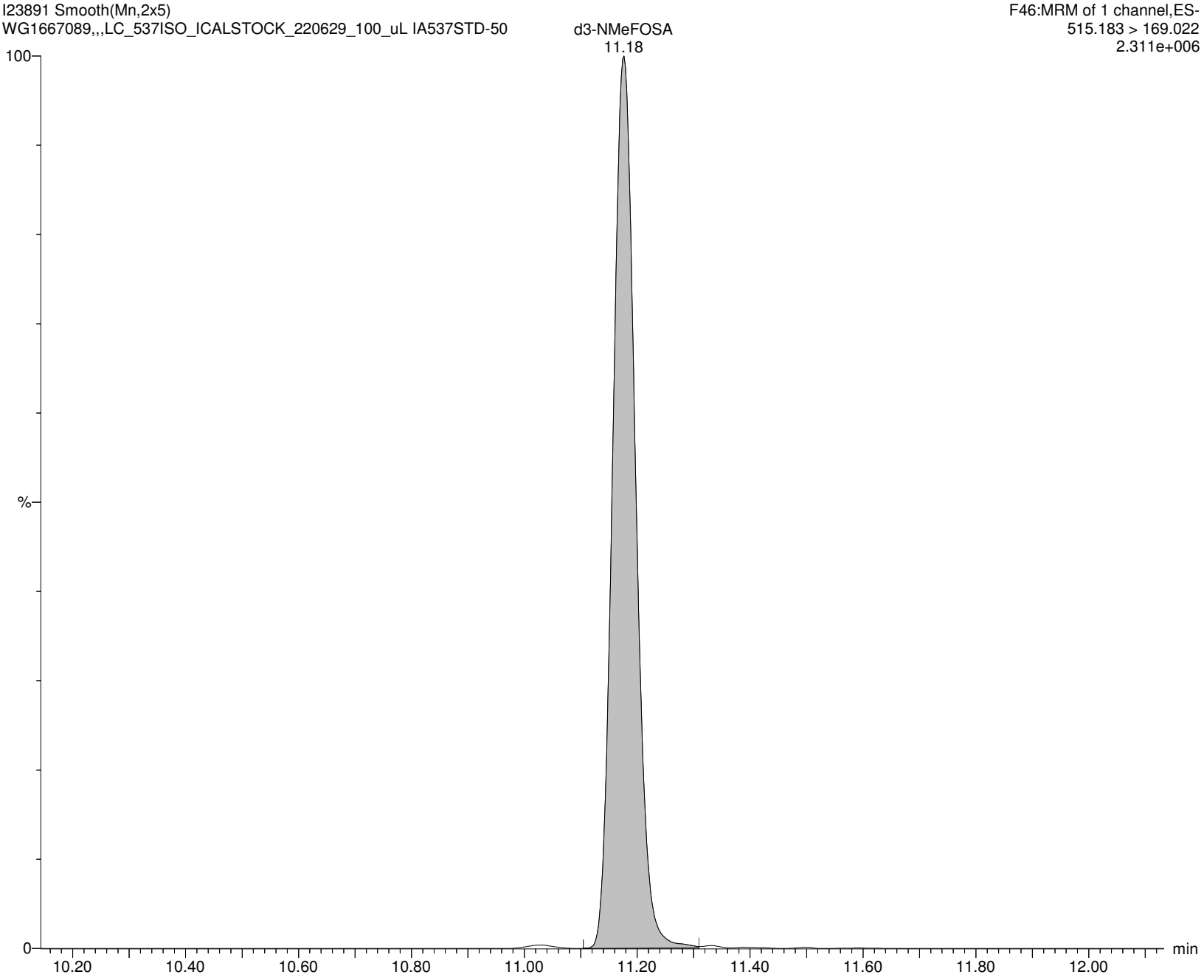


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

d3-NMeFOSA

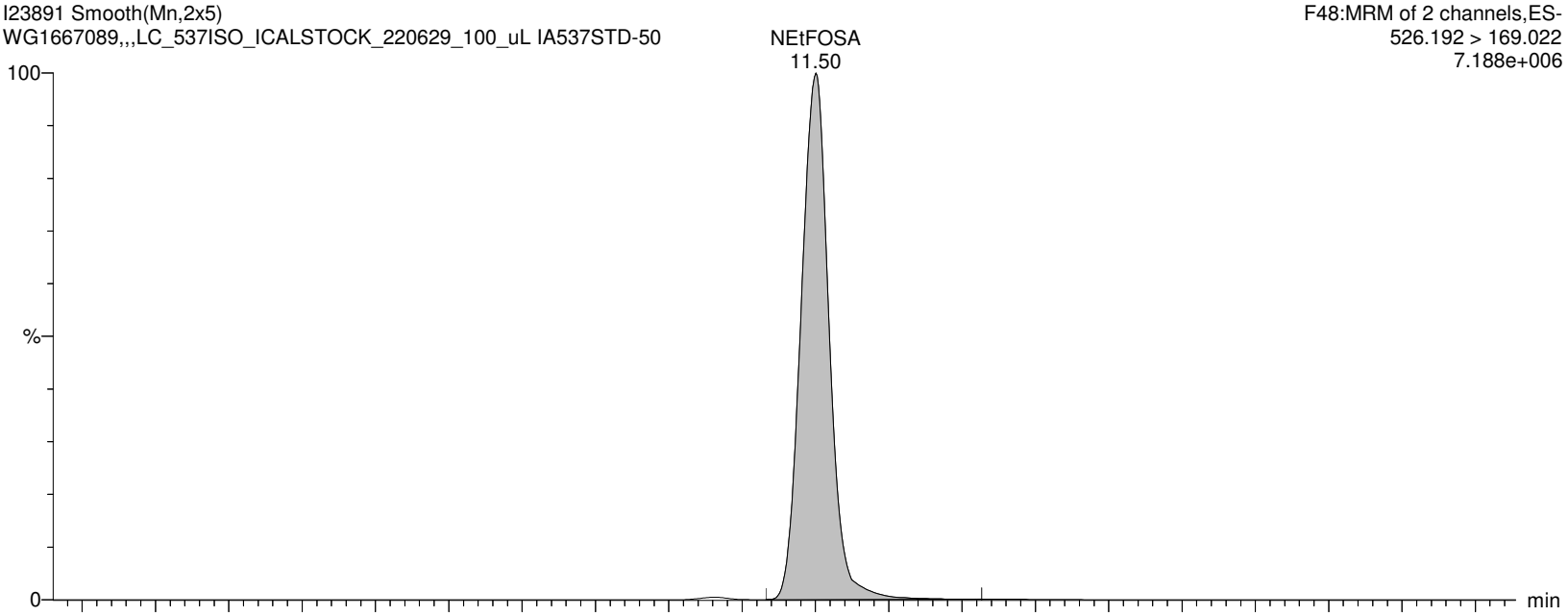


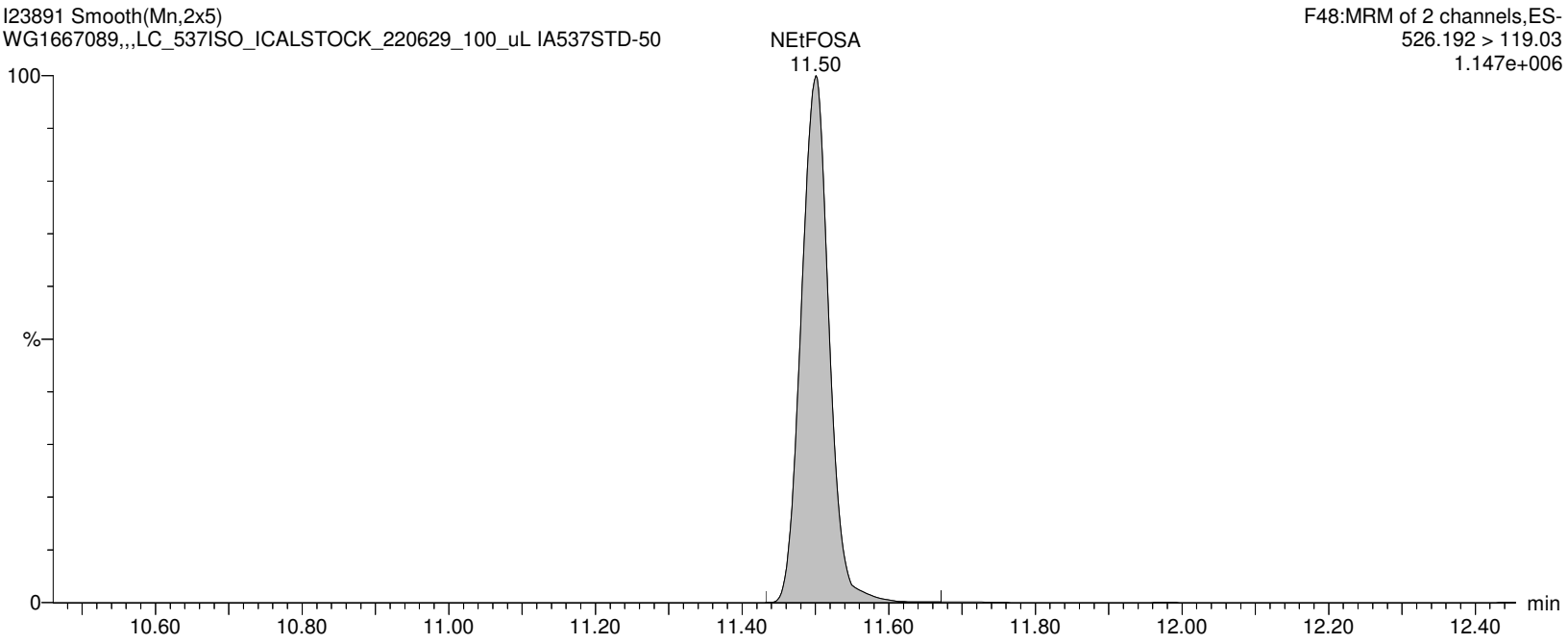
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NEtFOSA



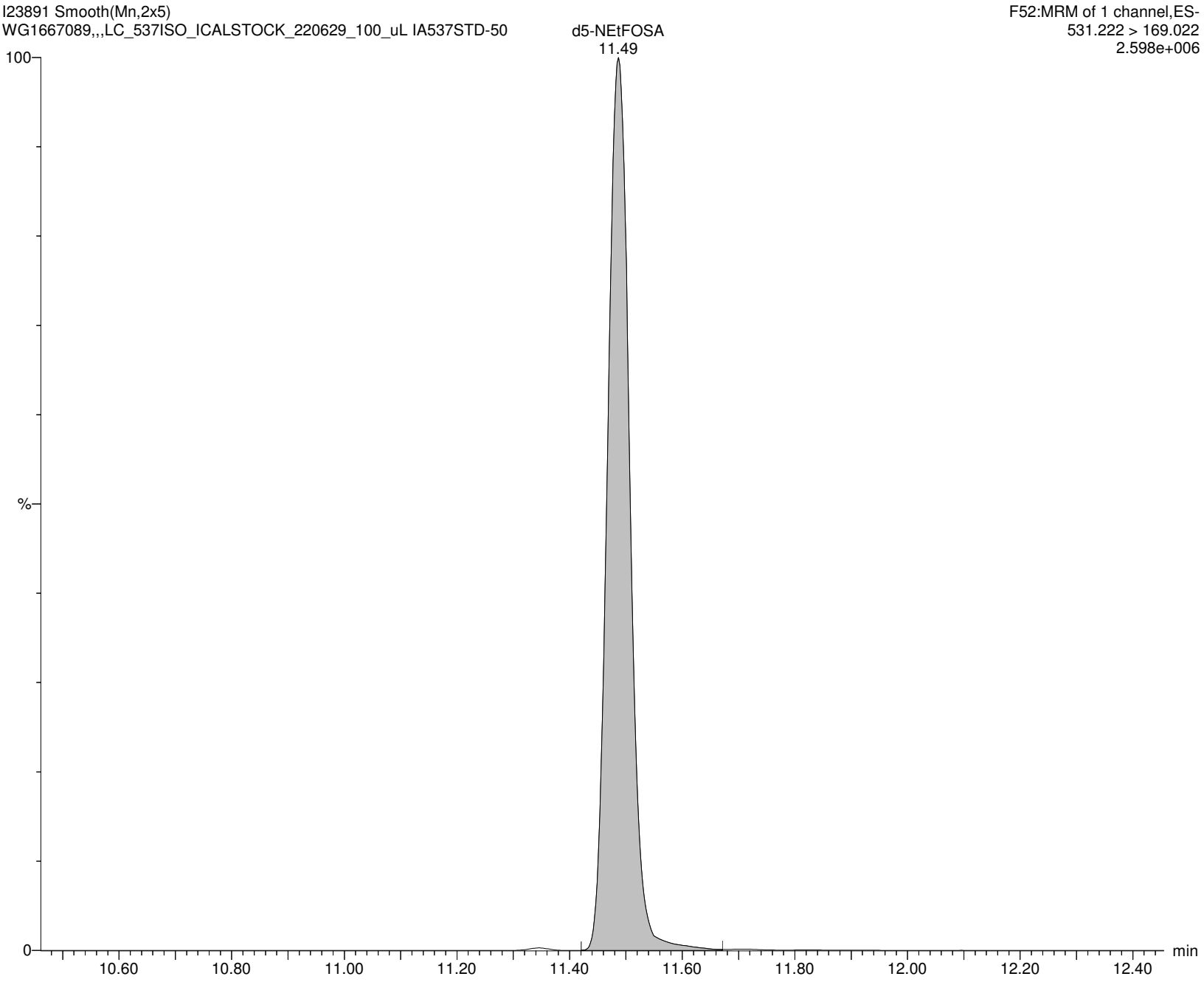


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

d5-NEtFOSA

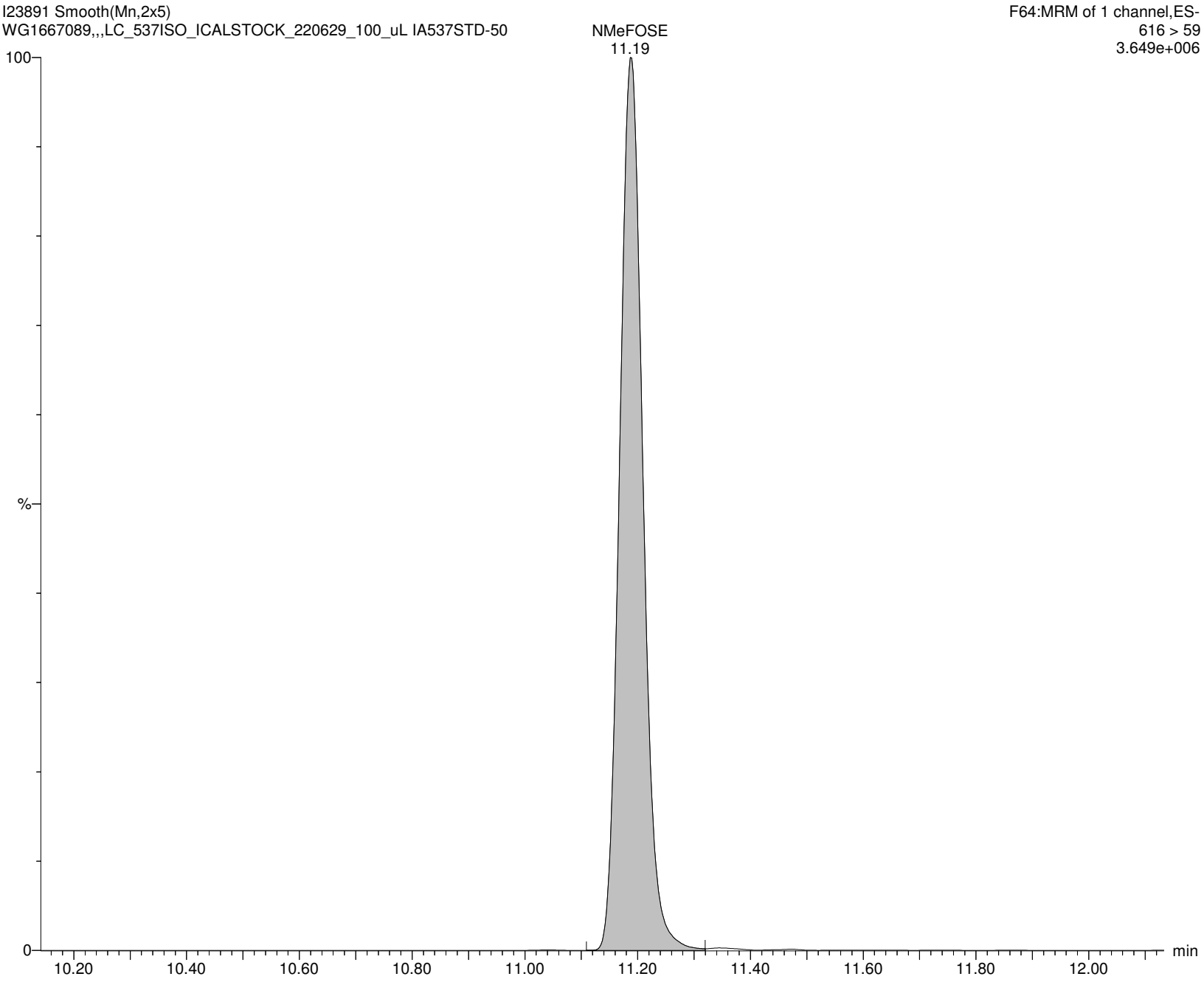


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NMeFOSE

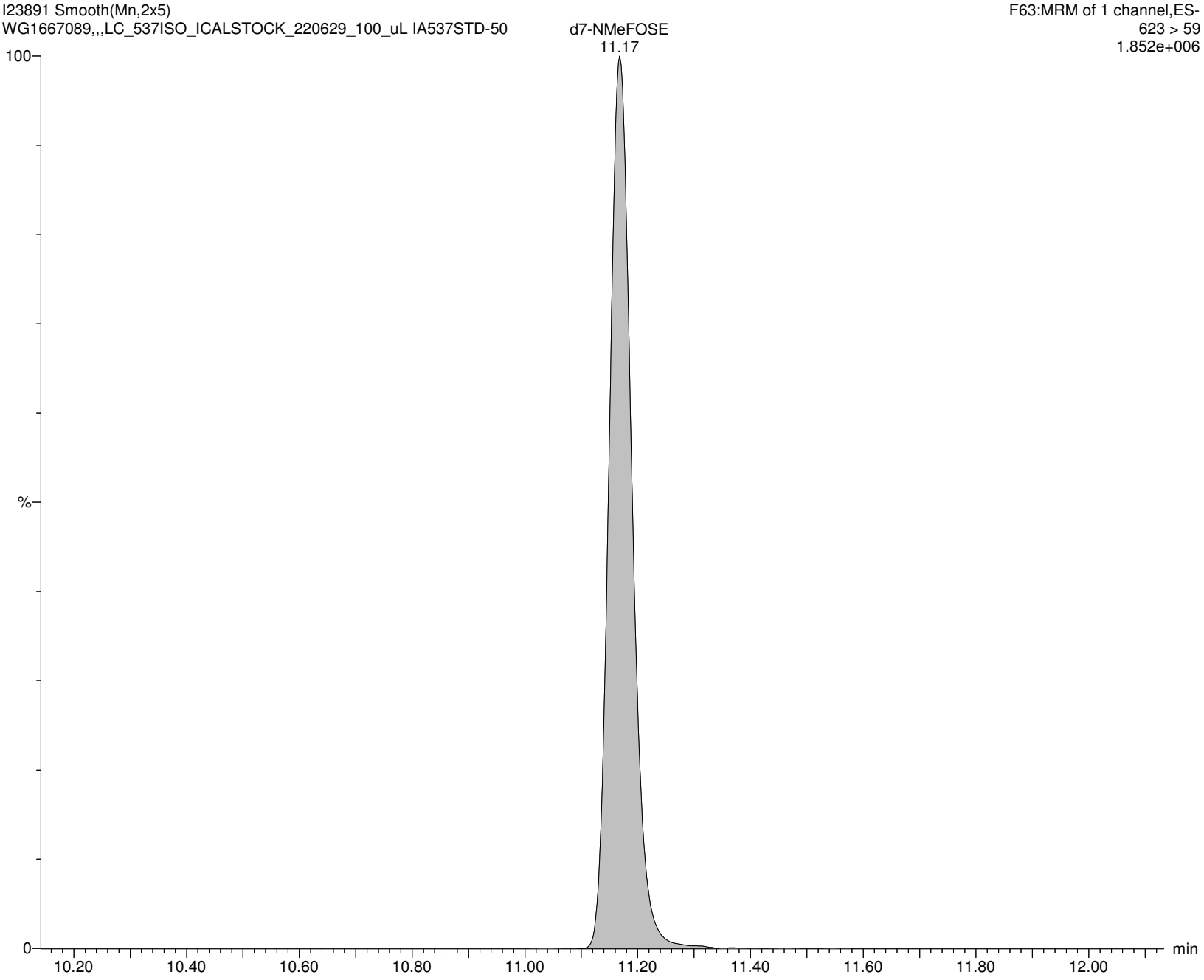


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

d7-NMeFOSE

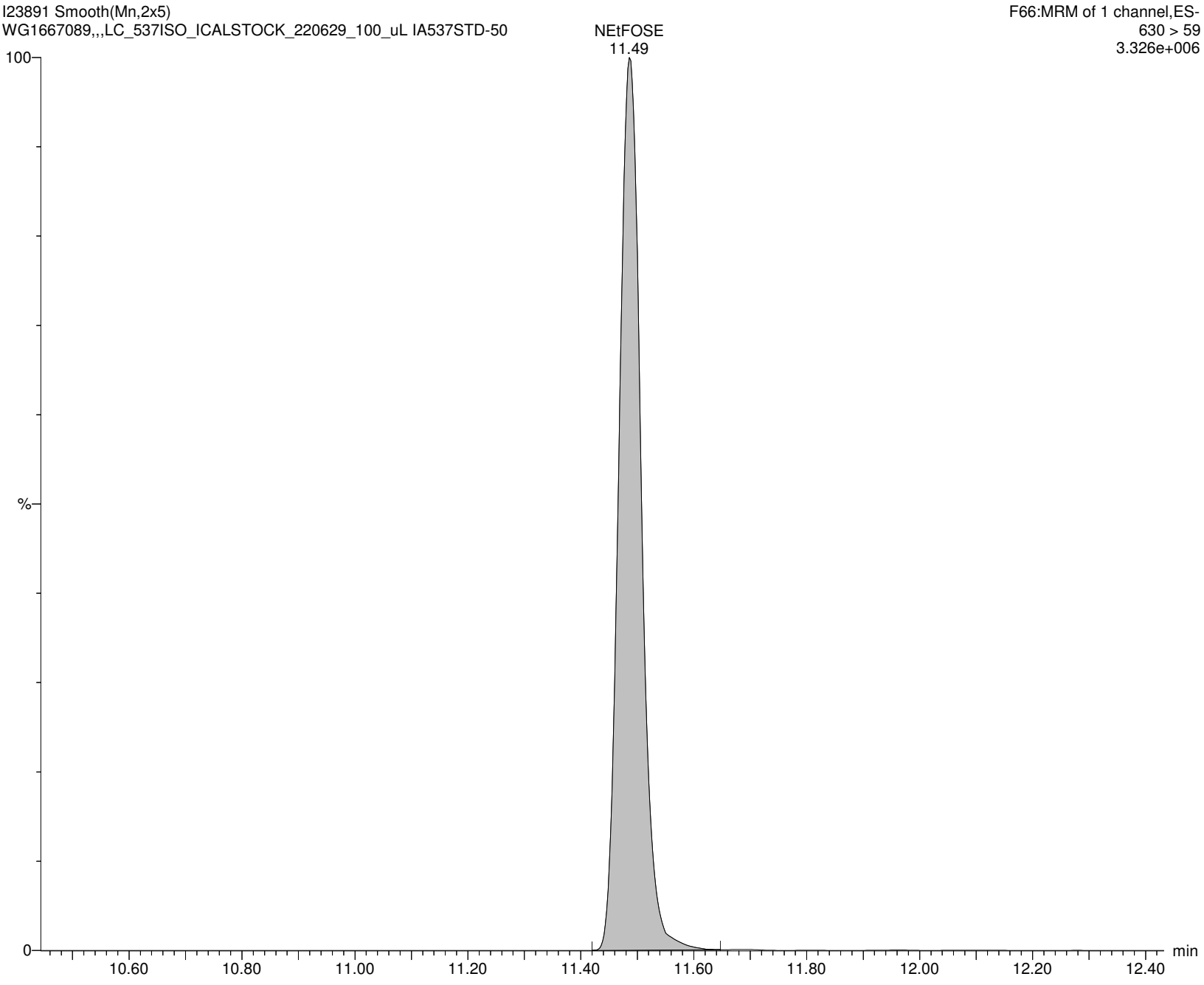


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NEtFOSE

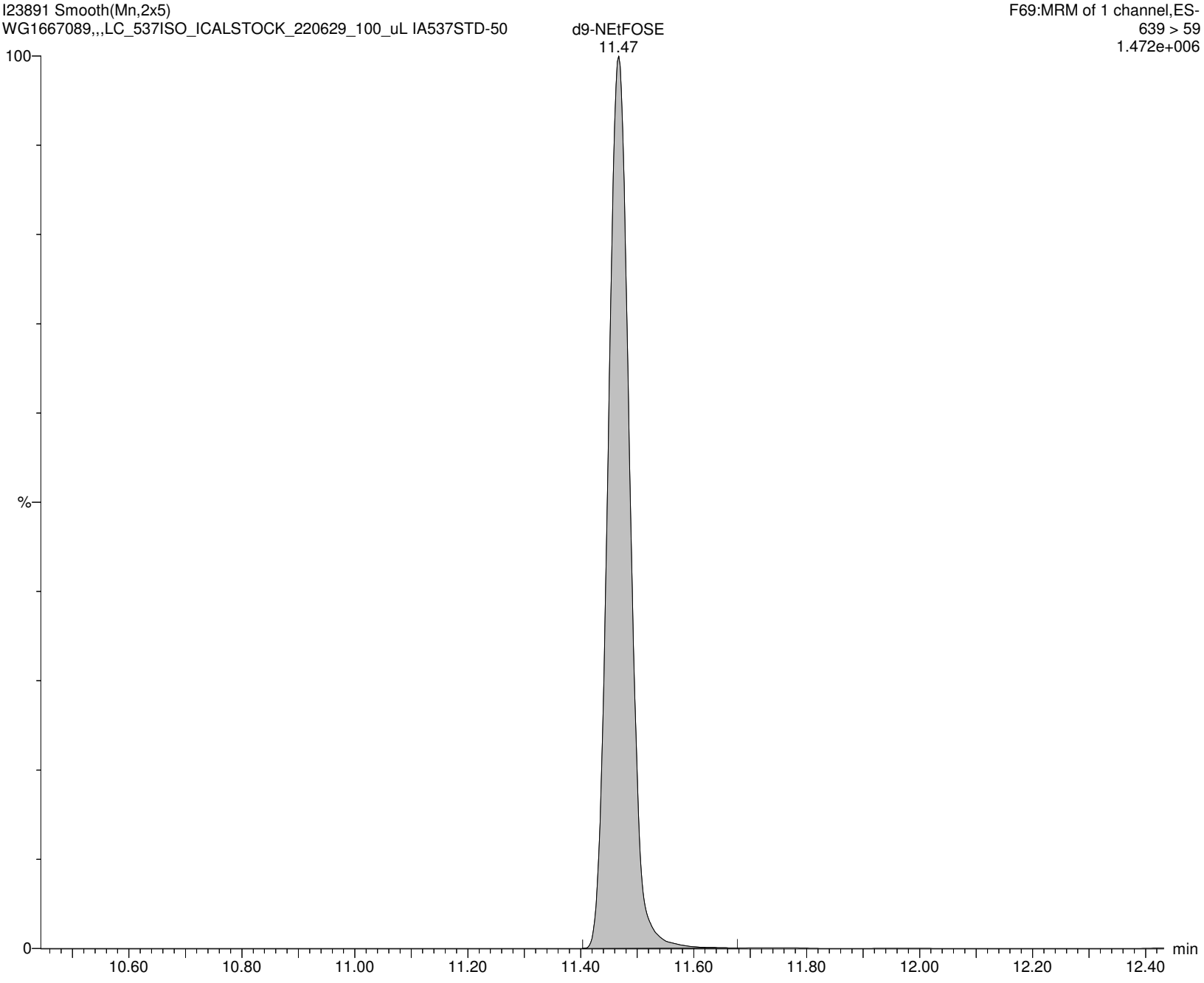


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

d9-NEtFOSE

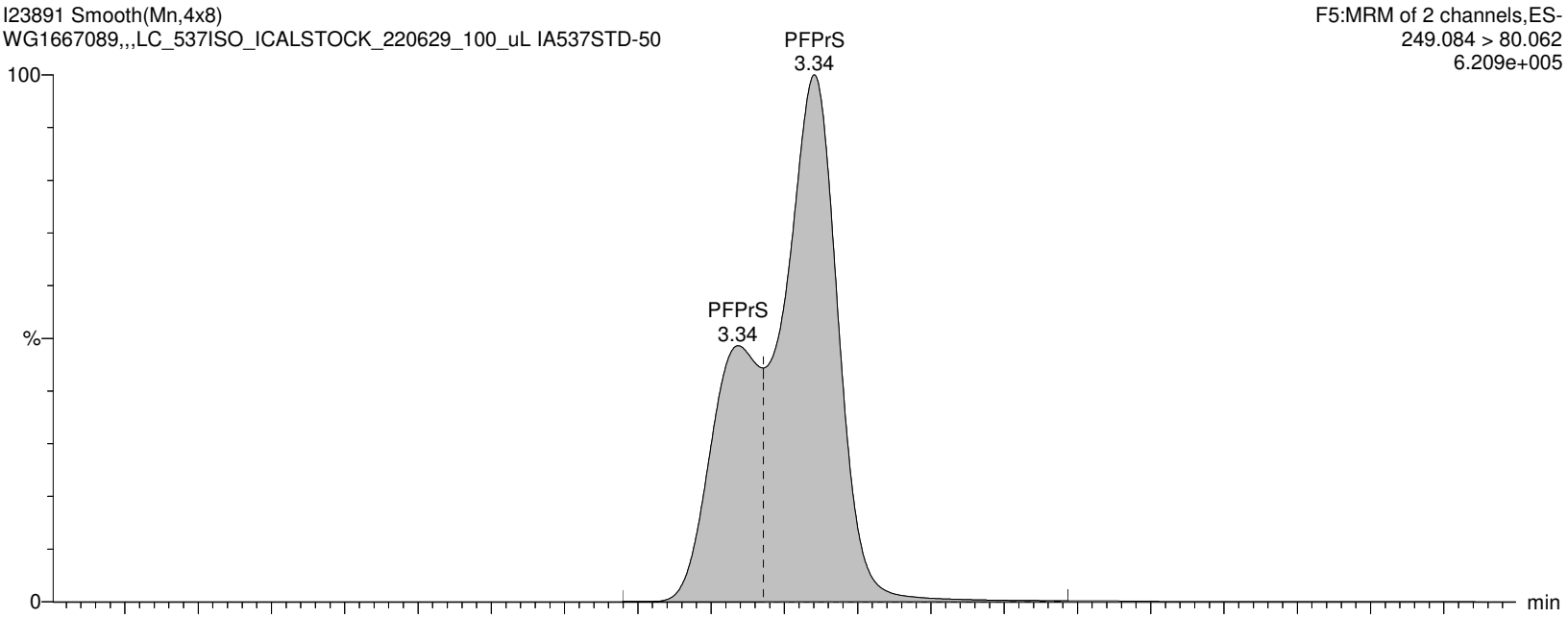


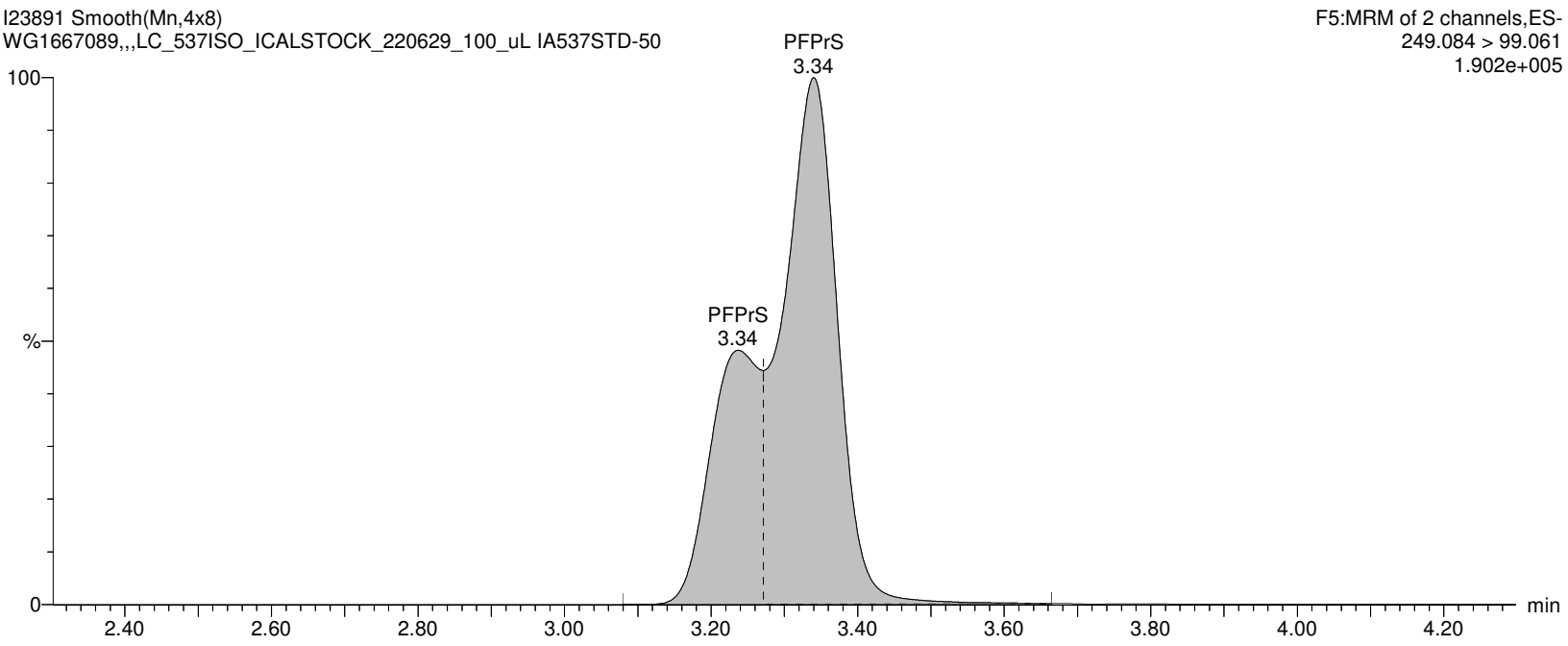
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFPrS



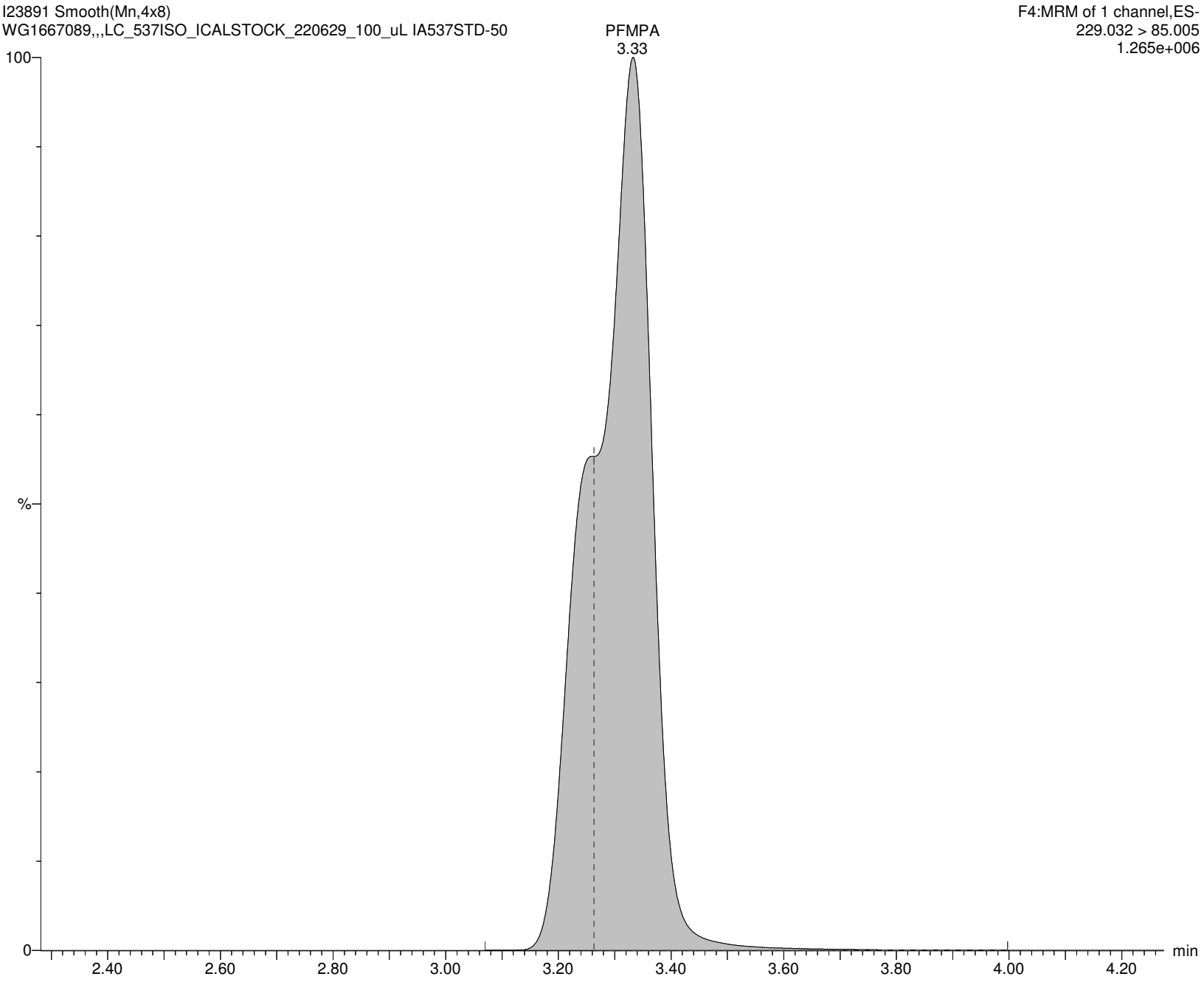


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFMPA

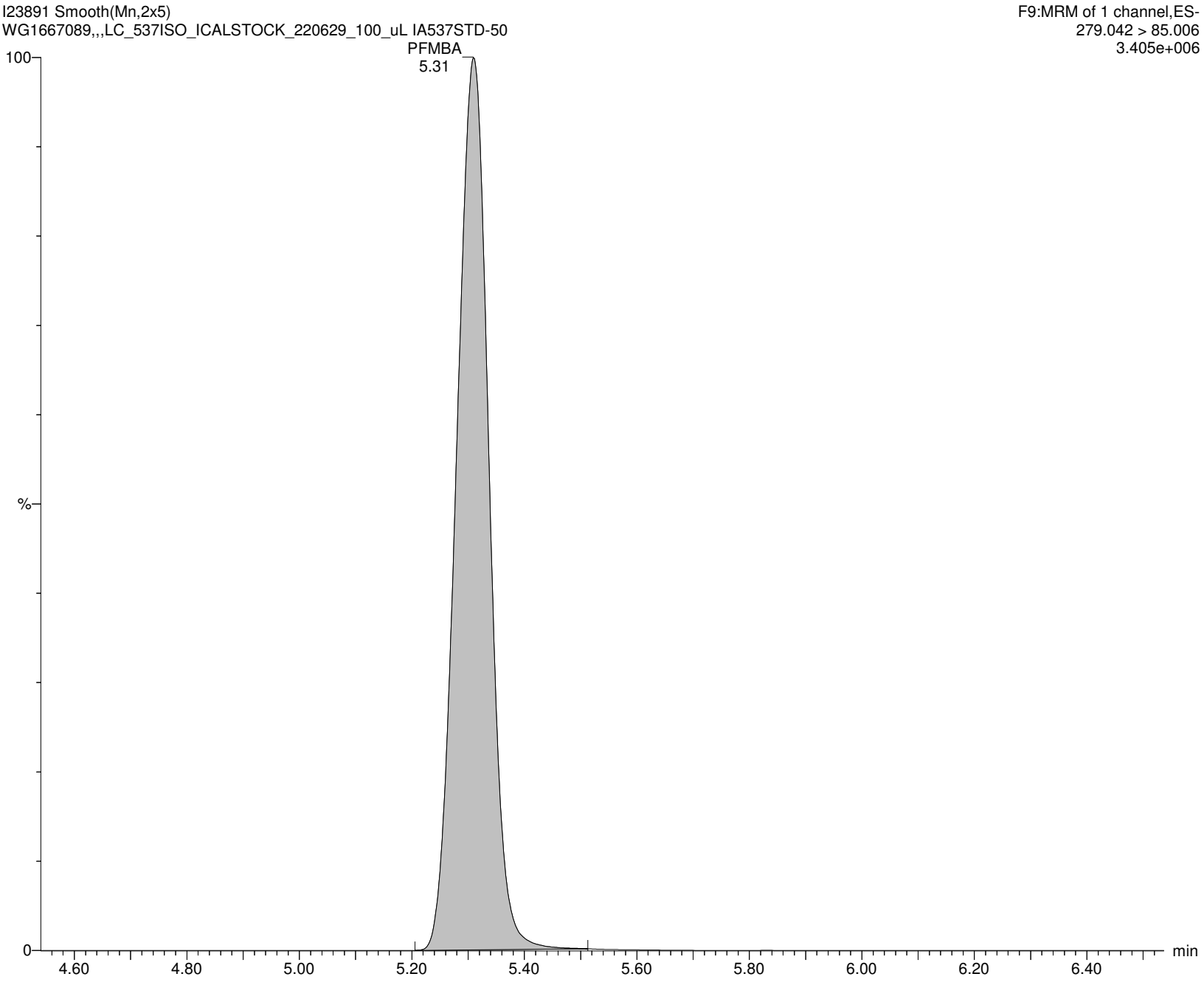


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFMBA

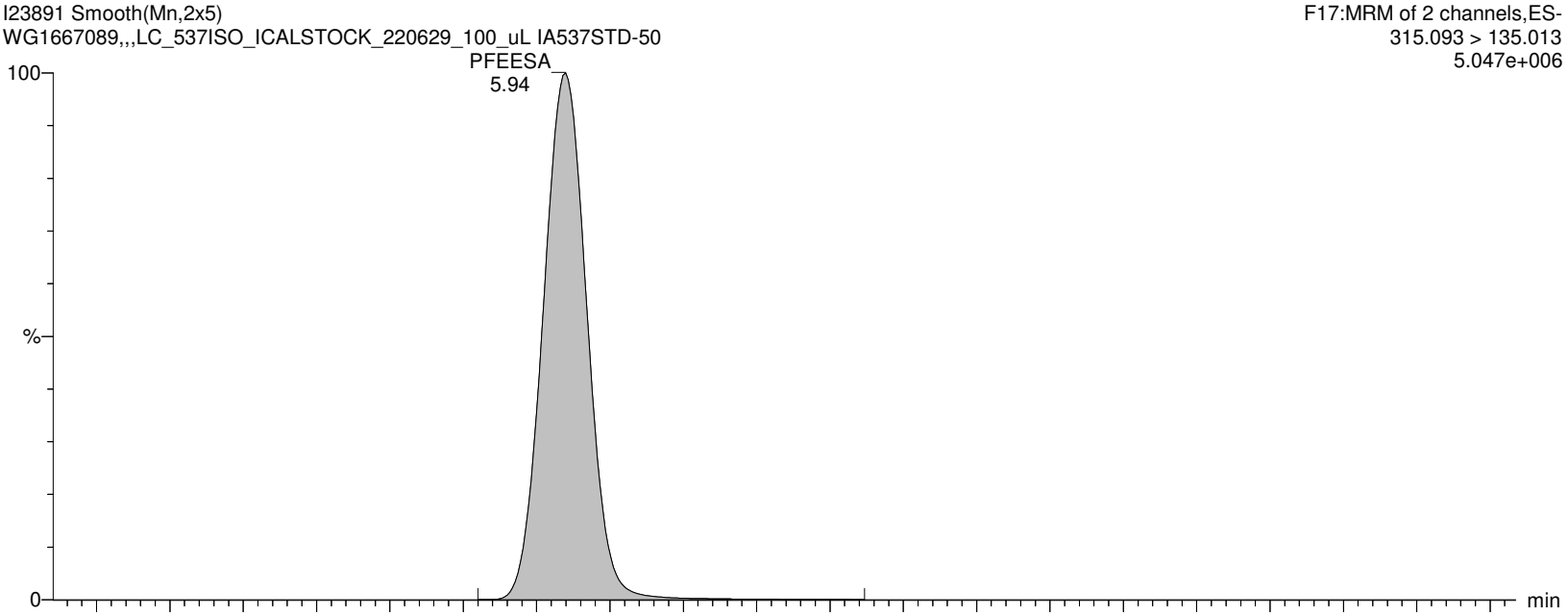


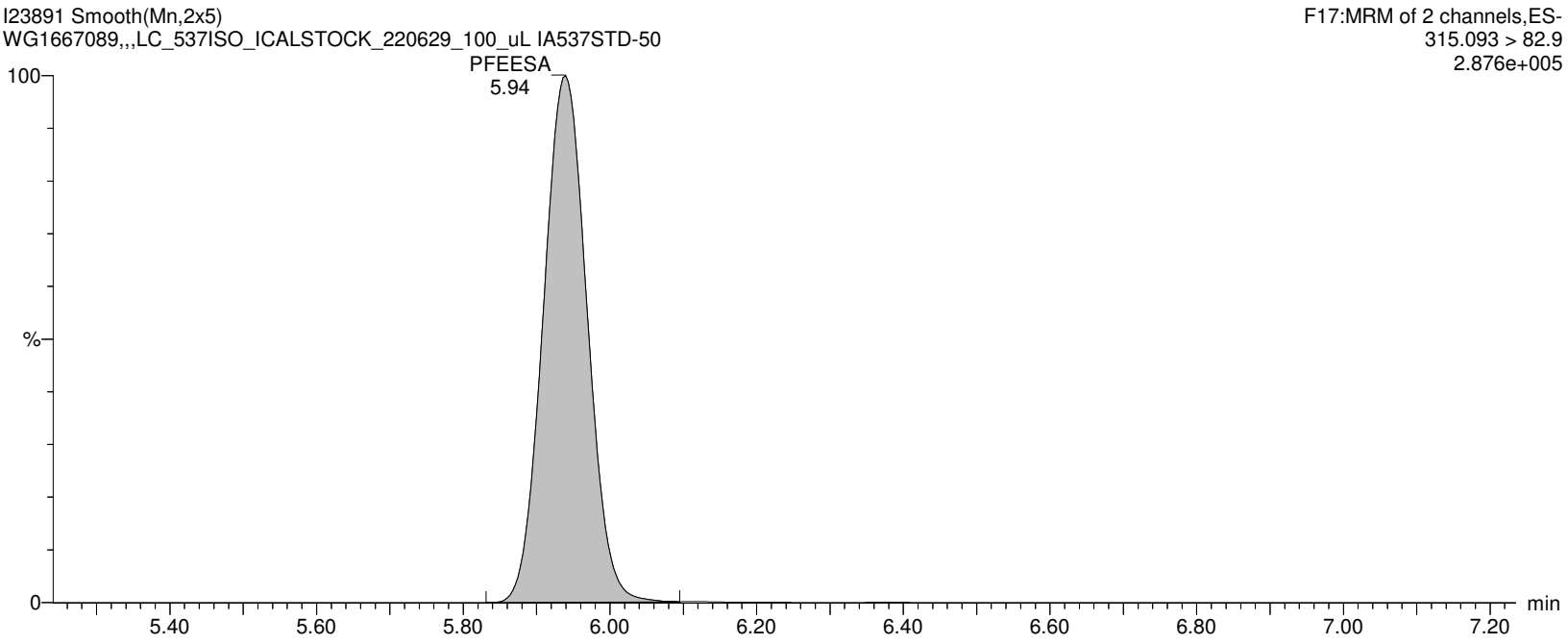
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFEESA



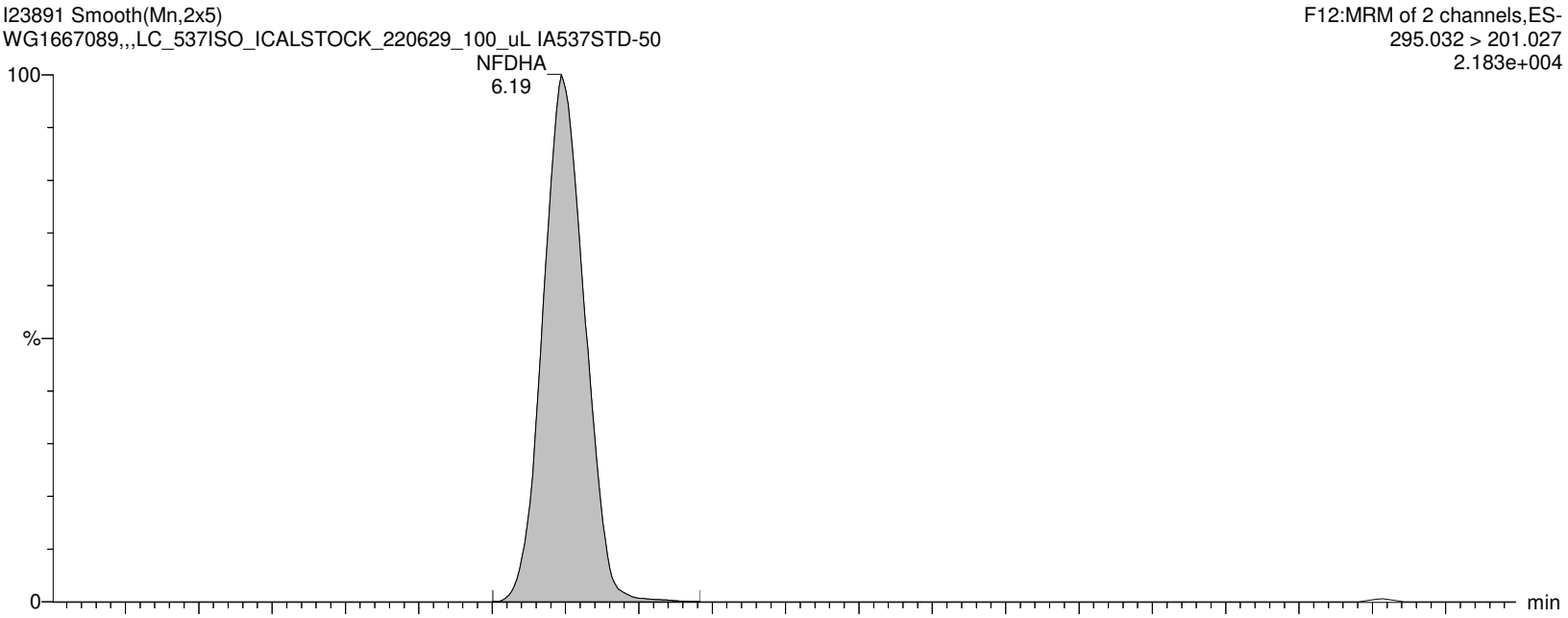


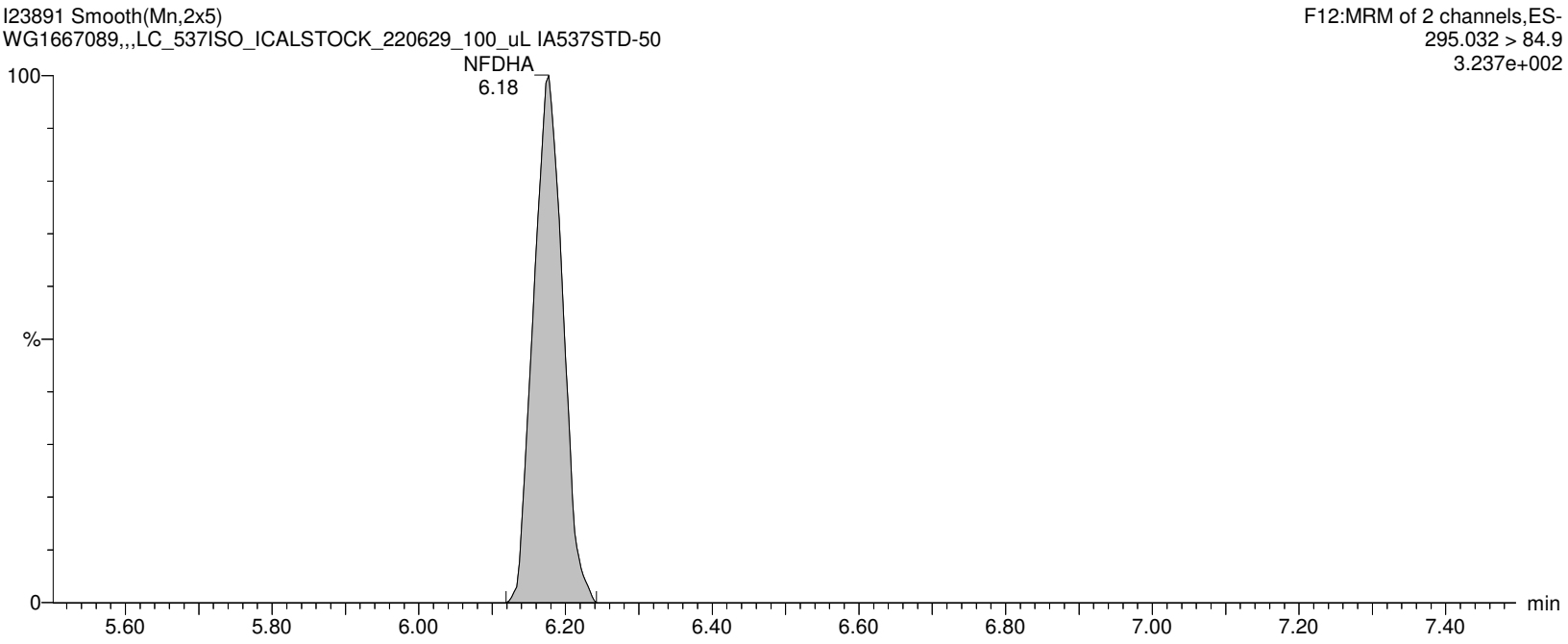
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NFDHA



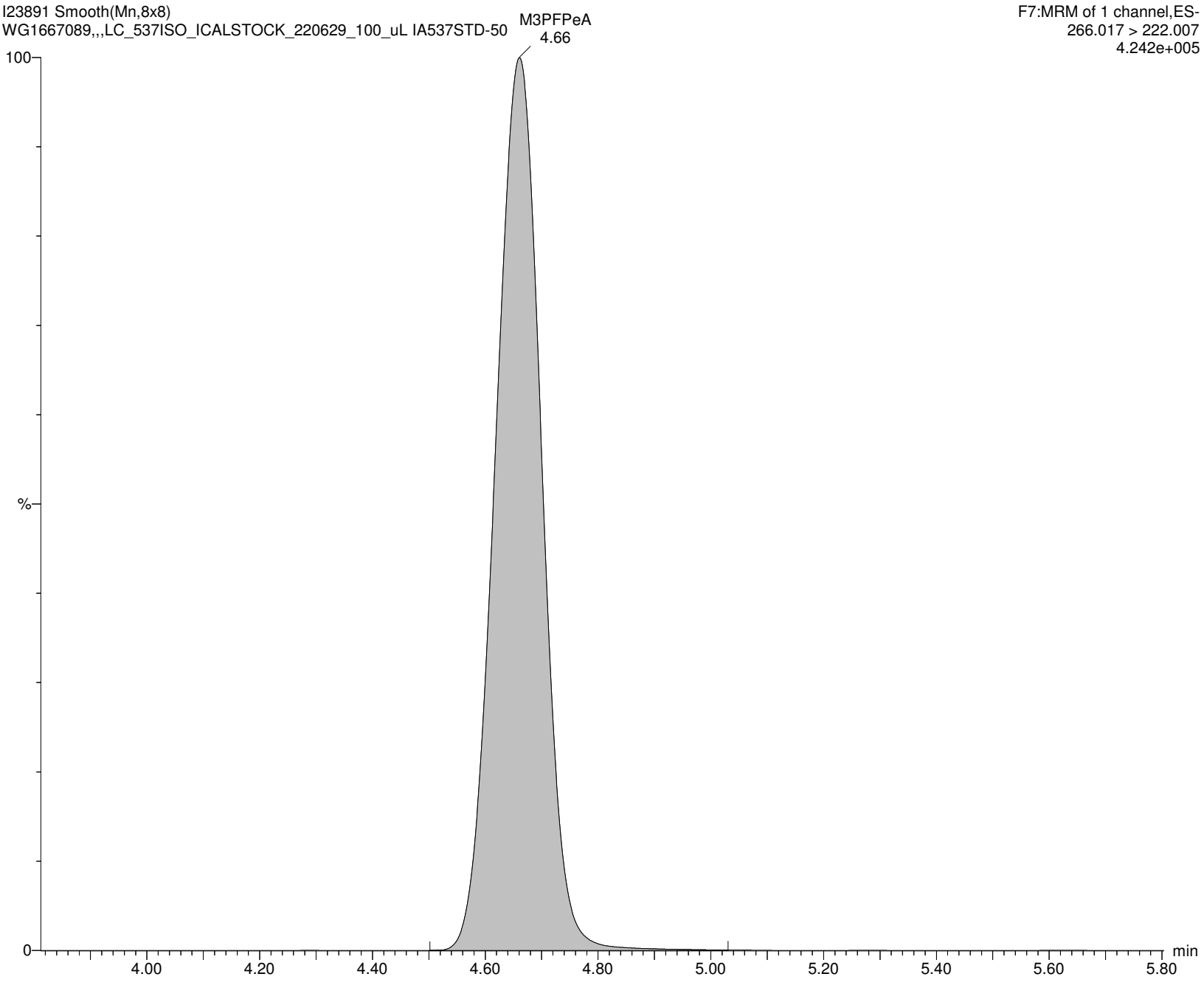


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M3PFPeA

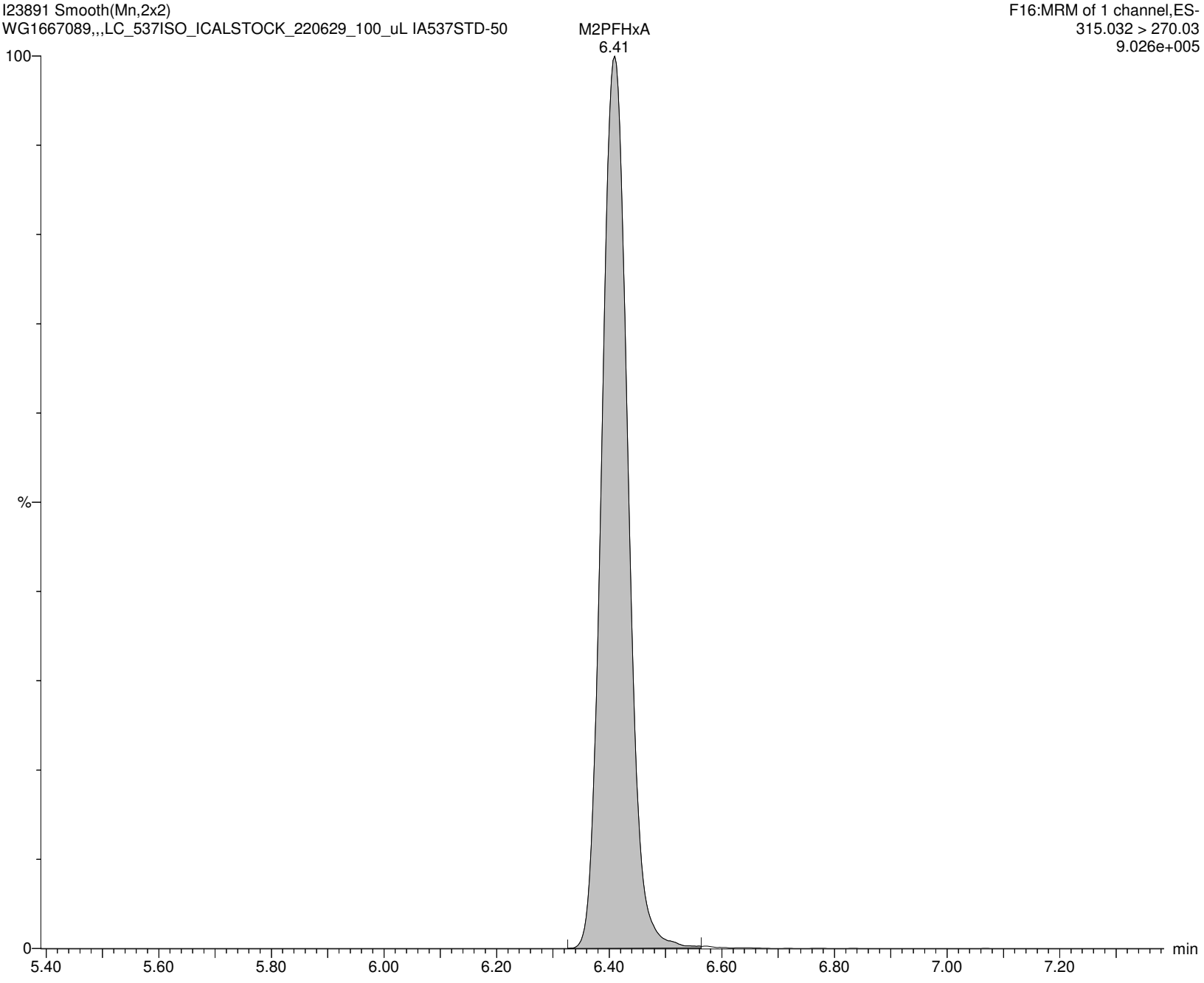


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2PFHxA

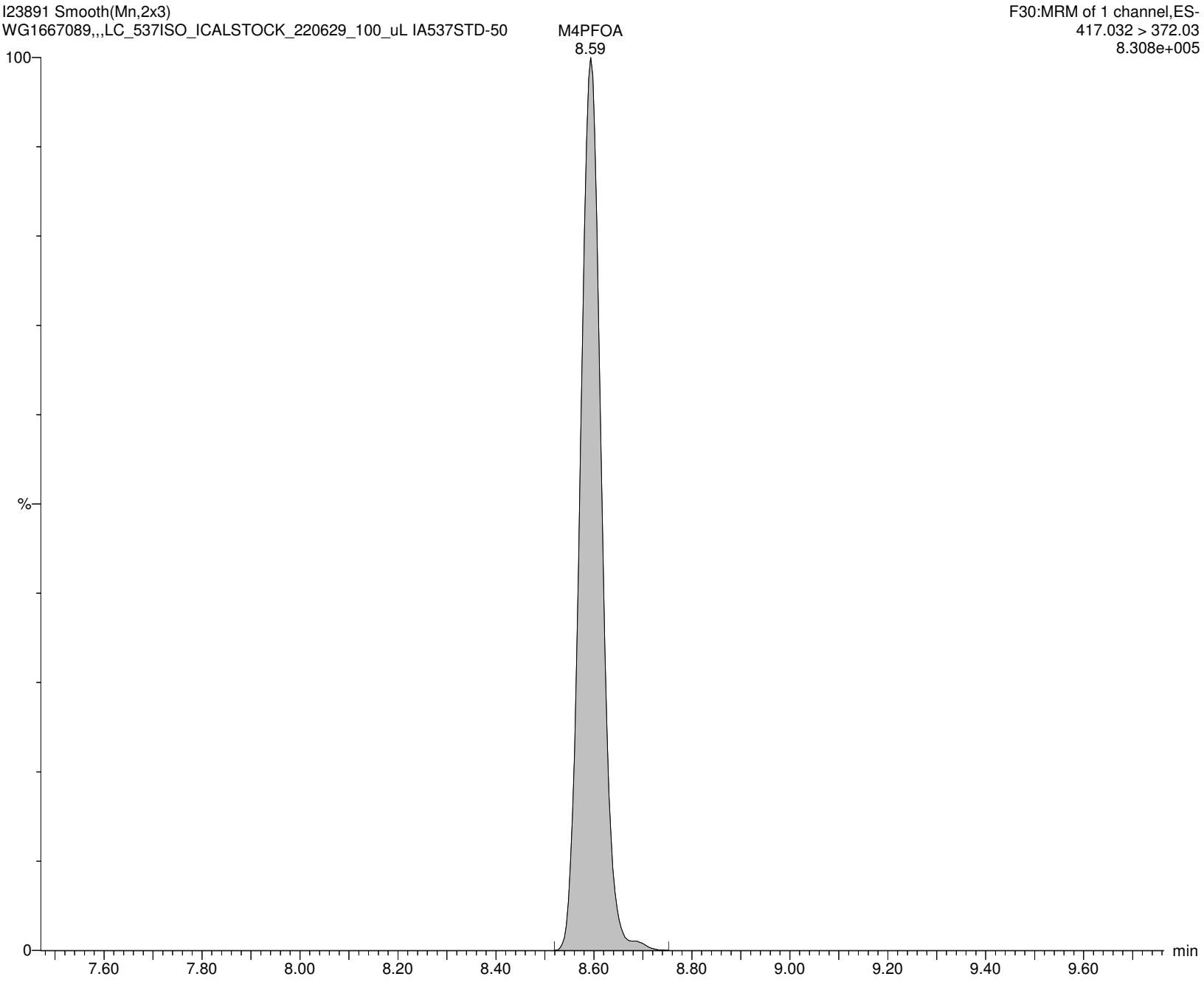


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:29 Eastern Daylight Time

Name: I23891
ID: IA537STD-50
Date: 26-Jul-2022
Time: 01:35:51
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL
User: LCMS01:RS
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M4PFOA



all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\MethDB\537ISO_Q_220725.mdb 26 Jul 2022 09:31:55
Calibration: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\CurveDB\220725_ICAL.cdb 26 Jul 2022 09:37:13

ID: IA537STD-100
Name: I23892
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:RS
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.07	213.032 > 169.022	399315		98.213		na	98.2
2	M3PFBA	INT STD	2.10	216.009 > 171.999	37627		10.070		na	100.7
3	MPFBA	INT STD	2.10	217.001 > 171.999	42883		10.037		na	100.4
4	PFPeA	2706-90-3	4.66	263.039 > 219.03	419051		97.872		na	97.9
5	M5PFPEA	INT STD	4.66	268.001 > 222.999	41349		9.828		na	98.3
6	PFBS	375-73-5	5.24	299.092 > 80.062	145365		87.522	2.03	NO	98.7
7	M3PFBS	INT STD	5.24	302.069 > 80.062	14037		9.134		na	98.0
8	4:2FTS	757124-72-4	6.33	327.146 > 307.139	27420		94.293	1.23	NO	100.6
9	M2-4:2FTS	INT STD	6.33	329.13 > 309.124	4341		14.112		na	150.4
10	PFHxA	307-24-4	6.41	313.047 > 269.037	500042		98.366	11.45	NO	98.4
11	M5PFHxA	INT STD	6.41	318.009 > 273.007	49551		9.518		na	95.2
12	PFPeS	2706-91-4	6.72	349.1 > 80.062	149570		96.032	1.73	NO	102.1
13	PFHpA	375-85-9	7.65	363.055 > 319.045	416320		97.312	3.66	NO	97.3
14	M4PFHpA	INT STD	7.65	367.025 > 322.022	41116		9.424		na	94.2
15	br-PFHxS	355-46-4	7.58	399.107 > 80.062	29244	m5,m7	19.370	2.19	NO	102.5
16	L-PFHxS	355-46-4	7.81	399.107 > 80.062	114896		82.365	1.68	NO	101.6
17	PFHxS	355-46-4		399.107 > 80.062	144140		101.735		na	
18	M3PFHxS	INT STD	7.81	402.084 > 80.062	14035		8.769		na	92.5
19	br-PFOA	335-67-1		413.063 > 369.053			ND		YES	
20	L-PFOA	335-67-1	8.59	413.063 > 369.053	432253		97.673	6.46	NO	97.7
21	PFOA	335-67-1		413.063 > 369.053	432253		97.673		na	
22	M8PFOA	INT STD	8.59	421.002 > 376.	38750		9.557		na	95.6
23	M2PFOA	INT STD	8.59	415.048 > 370.045	41831		10.027		na	100.3
24	6:2FTS	27619-97-2	8.55	427.161 > 407.155	29933		94.972	2.20	NO	99.9
25	M2-6:2FTS	INT STD	8.55	429.146 > 409.14	5010		13.651		na	143.5
26	PFHpS	375-92-8	8.69	449.115 > 80.062	149192		90.590	1.78	NO	95.1
27	PFNA	375-95-1	9.36	463.071 > 419.061	412247		97.708	3.74	NO	97.7
28	M9PFNA	INT STD	9.36	472.002 > 427.	36310		9.587		na	95.9
29	br-PFOS	1763-23-1	9.22	499.123 > 80.062	43723	m5	21.116	4.10	NO	100.1
30	L-PFOS	1763-23-1	9.42	499.123 > 80.062	112466		77.298	1.76	NO	98.0
31	PFOS	1763-23-1		499.123 > 80.062	156190		98.414		na	
32	M4PFOS	INT STD	9.41	503.093 > 80.062	15064		9.464		na	94.6
33	M8PFOS	INT STD	9.41	507.062 > 80.062	14657		9.491		na	99.0
34	PFDA	335-76-2	9.99	513.078 > 469.069	250508		99.239	2.34	NO	99.2
35	M2PFDA	INT STD	9.99	515.063 > 470.061	28860		9.412		na	94.1
36	M6PFDA	INT STD	9.99	519.033 > 474.03	24487		9.830		na	98.3
37	8:2FTS	39108-34-4	9.98	527.177 > 507.171	21435		44.217	1.64	NO	46.1
38	M2-8:2FTS	INT STD	9.98	529.162 > 509.155	4081		15.348		na	159.9
39	PFNS	68259-12-1	10.02	549.131 > 80.062	134206		93.496	2.20	NO	97.2

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

ID: IA537STD-100
Name: I23892
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:RS
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.40	573.22 > 419.061	6402		10.995		na	110.0
41	br-NMeFOSAA	2355-31-9	10.24	570.202 > 419.061	3885	m5,m7	24.400	0.86	NO	101.7
42	L-NMeFOSAA	2355-31-9	10.40	570.202 > 419.061	31198		75.049	1.84	NO	98.7
43	NMeFOSAA	2355-31-9		570.202 > 419.061	35083		99.449		na	
44	PFUnA	2058-94-8	10.54	563.086 > 519.076	246998		97.479	5.02	NO	97.5
45	M7-PFUDA	INT STD	10.54	570.033 > 525.031	23122		9.194		na	91.9
46	PFDS	335-77-3	10.55	598.926 > 80.062	98096		92.899	2.12	NO	96.3
47	FOSA	754-91-6	10.54	498.146 > 78.07	375782		102.320	47.31	NO	102.3
48	M8FOSA	INT STD	10.54	506.077 > 78.07	36707		9.213		na	92.1
49	d5-NEtFOSAA	INT STD	10.70	589.259 > 419.061	6242		10.449		na	104.5
50	br-NEtFOSAA	2991-50-6	10.56	584.229 > 419.061	3482	m5,m7	22.646	0.62	NO	100.7
51	L-NEtFOSAA	2991-50-6	10.71	584.229 > 419.061	31383		78.427	1.23	NO	101.2
52	NEtFOSAA	2991-50-6		584.229 > 419.061	34865		101.074		na	
53	PFDoA	307-55-1	11.02	613.094 > 569.084	267235		98.112	5.83	NO	98.1
54	MPFDOA	INT STD	11.02	615.079 > 570.077	28250		9.513		na	95.1
55	PFTrDA	72629-94-8	11.45	663.102 > 619.092	151895		100.937	4.74	NO	100.9
56	PFTA	376-06-7	11.82	713.11 > 669.1	146422		102.546	7.36	NO	102.5
57	M2PFTEDA	INT STD	11.82	715.094 > 670.092	14398		8.810		na	88.1
58	M3HFPO-DA	INT STD	6.82	287.02 > 169.022	27372		161.063		na	80.5
59	HFPO-DA	13252-13-6	6.82	285.035 > 169.022	146028		1001.176	7.87	YES	100.1
60	ADONA	958445-44-8	7.83	377.06 > 251.028	578776		96.719	31.17	NO	102.3
61	PFHxDA		12.45	813.122 > 769.116	192459		102.430	19.50	NO	102.4
62	PFODA		12.77	913.411 > 869.131	40590		96.182	19.05	NO	96.2
63	M2PFHxDA		12.45	815.102 > 770.108	15605		8.737		na	87.4
64	PFDoS		11.44	699.154 > 80.062	111255		94.603	1.76	NO	97.7
65	M2D4-10:2FTS		11.03	633.201 > 612.189	2719		18.797		na	95.9
66	10:2FTS		11.03	627.192 > 607.186	17749	m4,m7	92.016	1.88	NO	95.3
67	9CL-PF3ONS		9.77	530.862 > 350.843	235476		90.553	4.66	NO	97.1
68	11CL-PFOUdS		10.82	630.862 > 450.854	129453		88.112	2.35	NO	93.4
69	NMeFOSA		11.18	512.163 > 169.022	507655		537.331	2.18	NO	107.5
70	d3-NMeFOSA		11.17	515.183 > 169.022	91340		92.172		na	92.2
71	NEtFOSA		11.50	526.192 > 169.022	593735		500.131	6.33	NO	100.0
72	d5-NEtFOSA		11.48	531.222 > 169.022	109499		96.889		na	96.9
73	NMeFOSE		11.18	616 > 59	300764		265.526		na	106.2
74	d7-NMeFOSE		11.16	623 > 59	69940		82.592		na	82.6
75	NEtFOSE		11.48	630 > 59	248648		254.370		na	101.7
76	d9-NEtFOSE		11.46	639 > 59	53762		84.386		na	84.4
77	PFPrS		3.34	249.084 > 80.062	149211	m3,m7	92.658	3.25	NO	100.7
78	PFMPA		3.33	229.032 > 85.005	307044	m3	100.185		na	100.2
79	PFMBA		5.31	279.042 > 85.006	448541		99.817		na	99.8
80	PFEESA		5.94	315.093 > 135.013	690557		91.354	17.39	NO	102.6
81	NFDHA		6.19	295.032 > 201.027	2568	m7	92.945	76.16	YES	92.9
82	M3PFPeA		4.66	266.017 > 222.007	37878		9.547		na	95.5

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

ID: IA537STD-100
Name: I23892
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:RS
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
83	M2PFHxA		6.41	315.032 > 270.03	46739		9.540		na	95.4
84	M4PFOA		8.59	417.032 > 372.03	38416		9.561		na	95.6

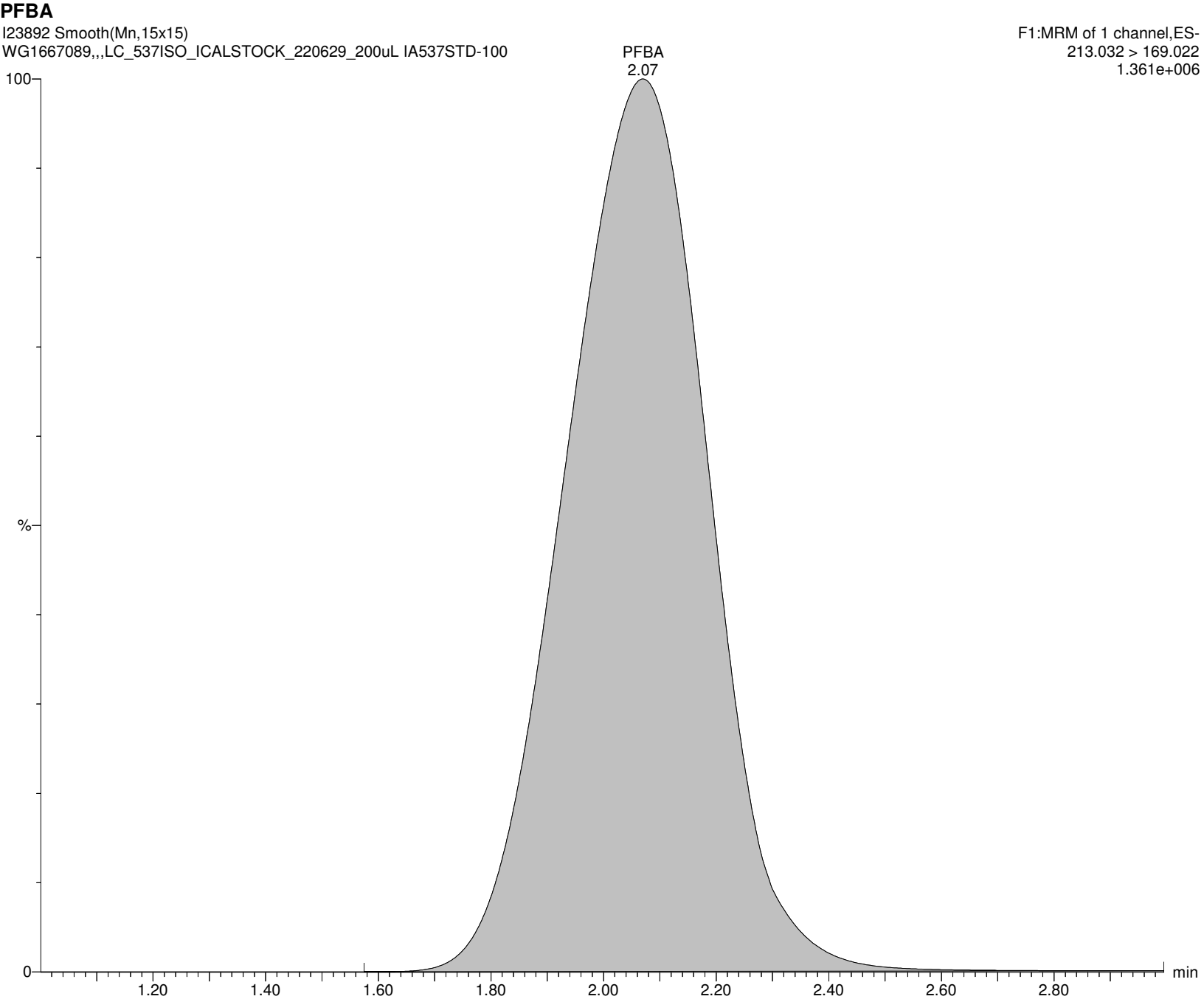
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\MethDB\537ISO_Q_220725.mdb 26 Jul 2022 09:31:55
Calibration: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\CurveDB\220725_ICAL.cdb 26 Jul 2022 09:37:13

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFBA

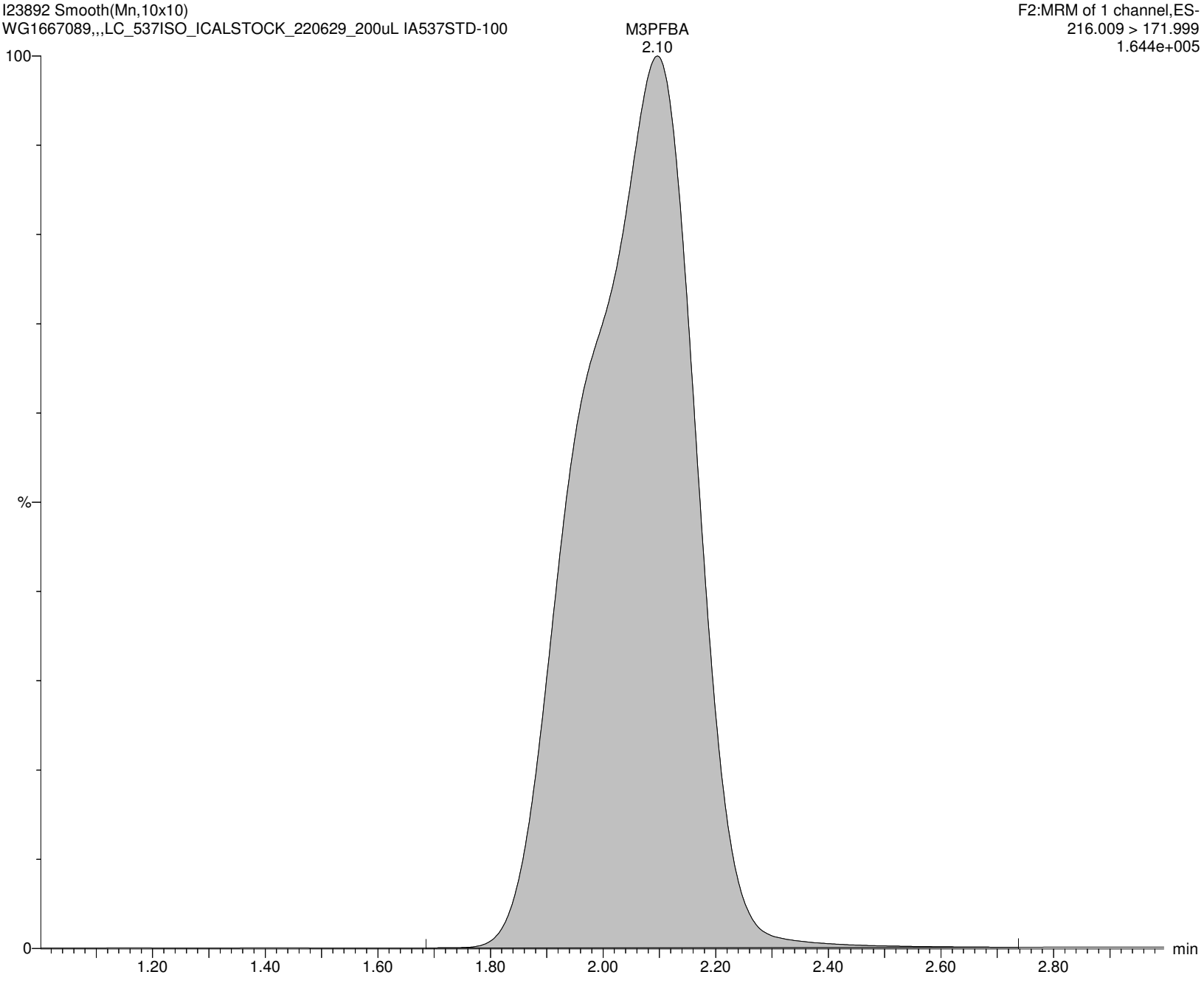


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M3PFBA

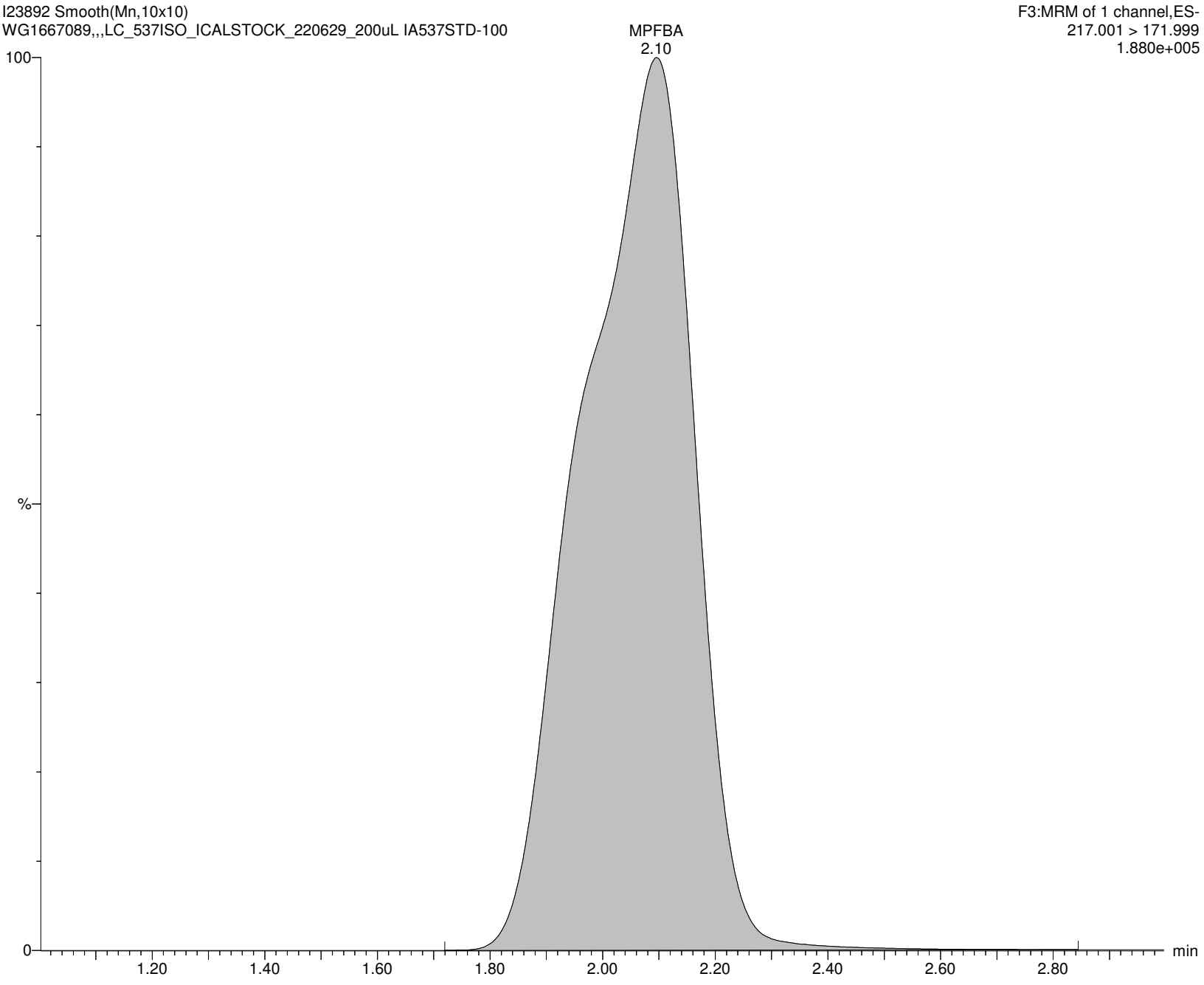


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

MPFBA

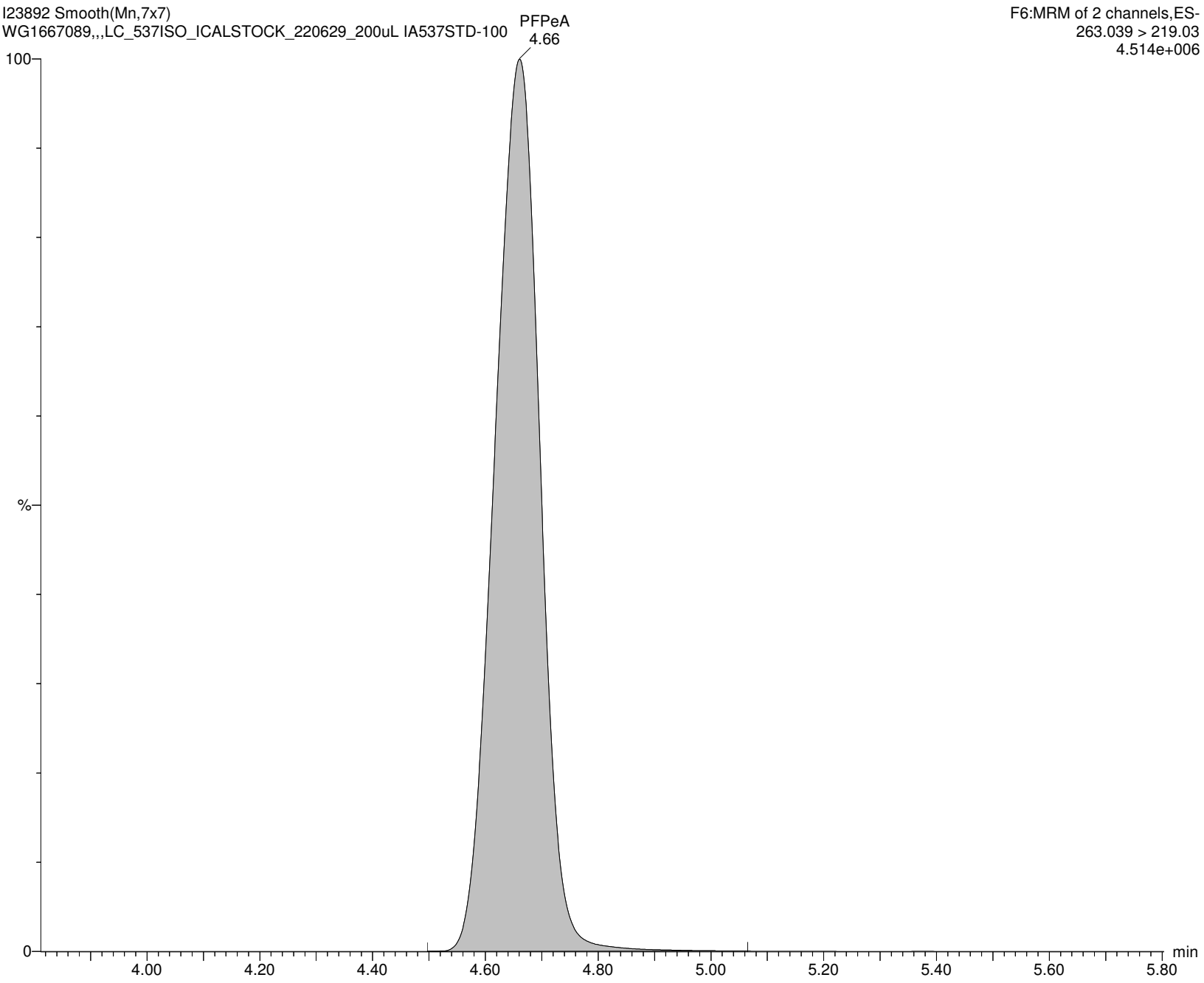


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFPeA

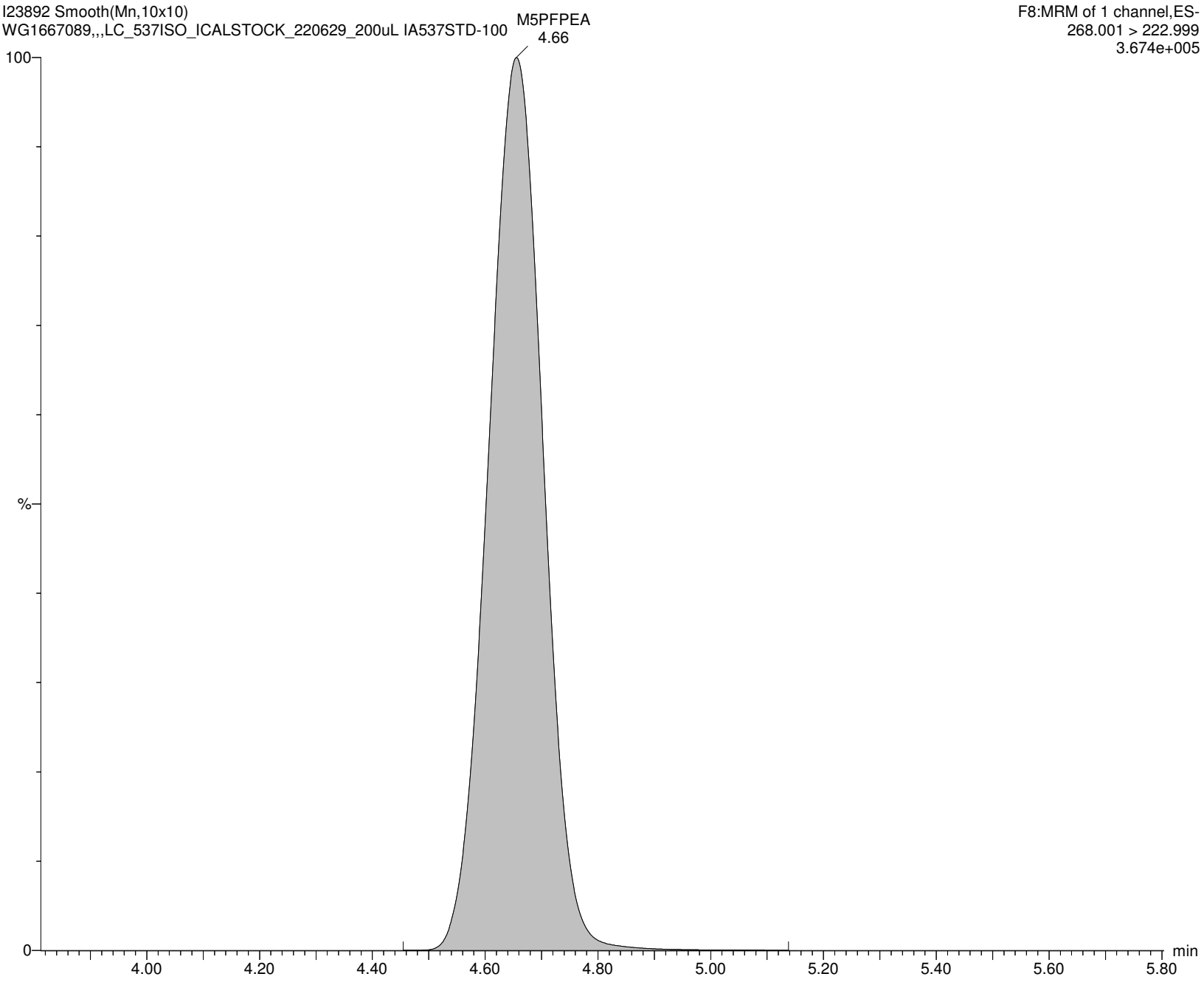


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M5PFPEA

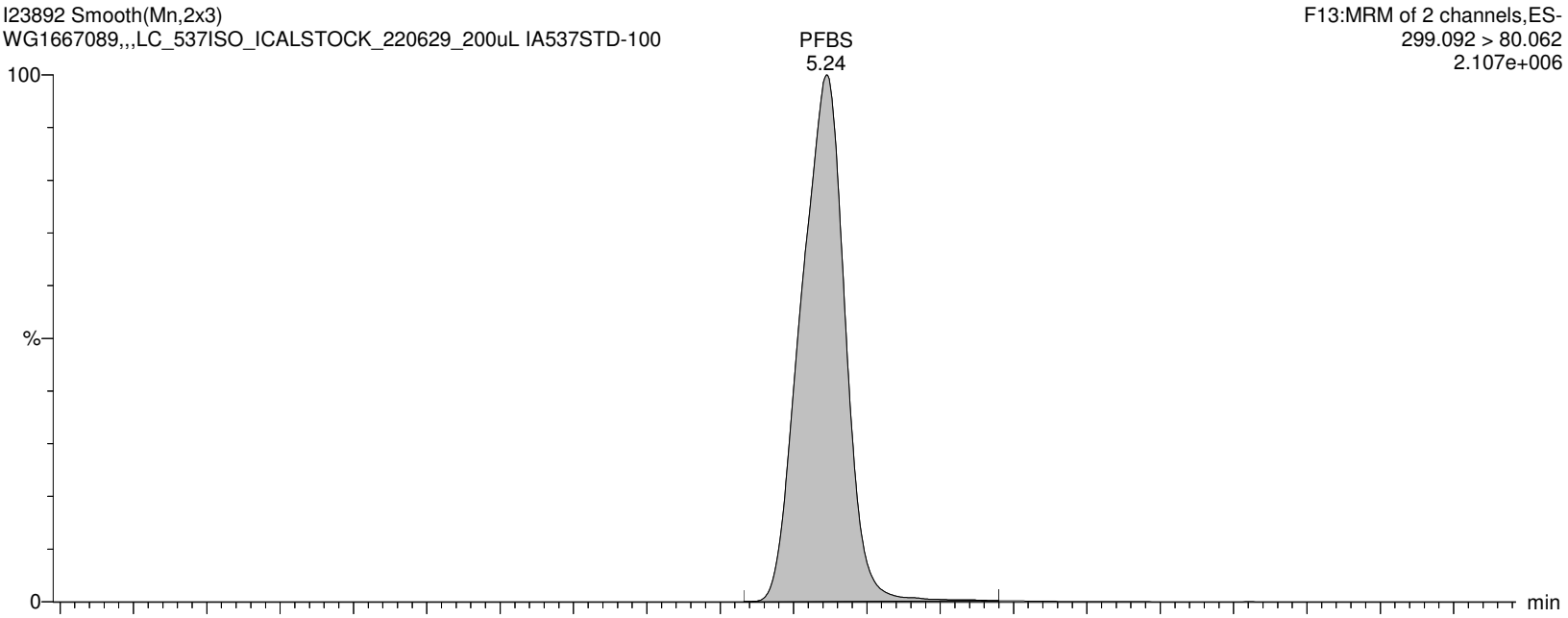


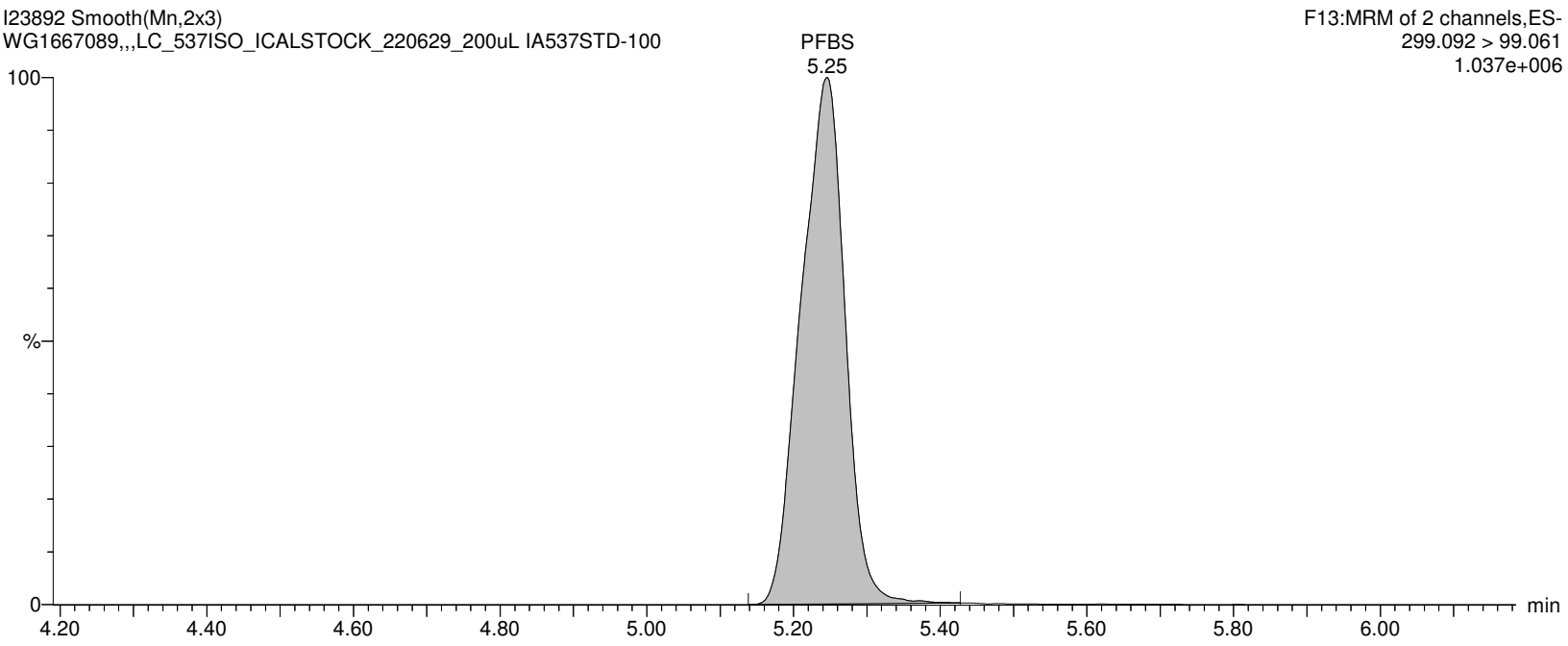
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFBS



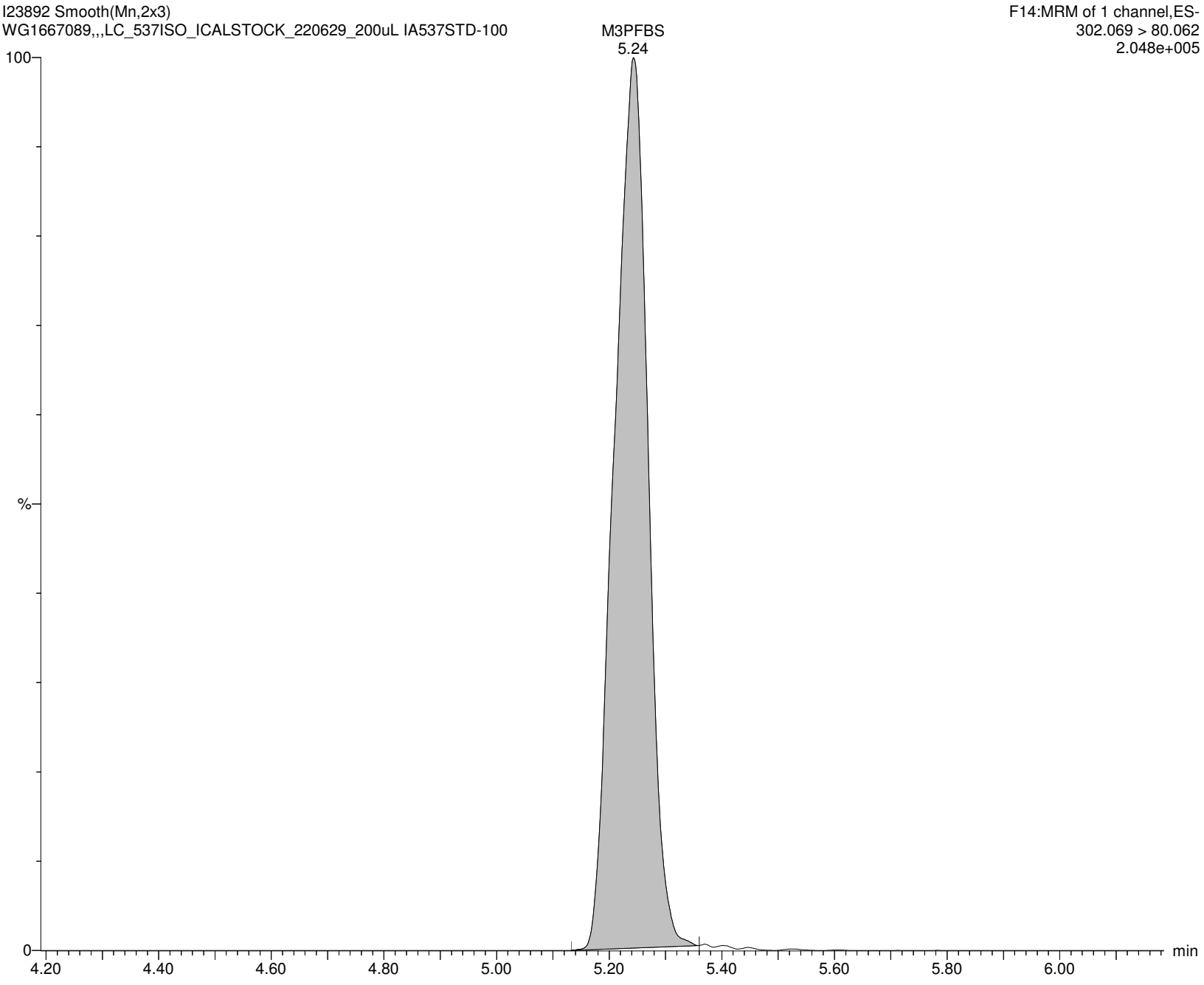


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M3PFBS

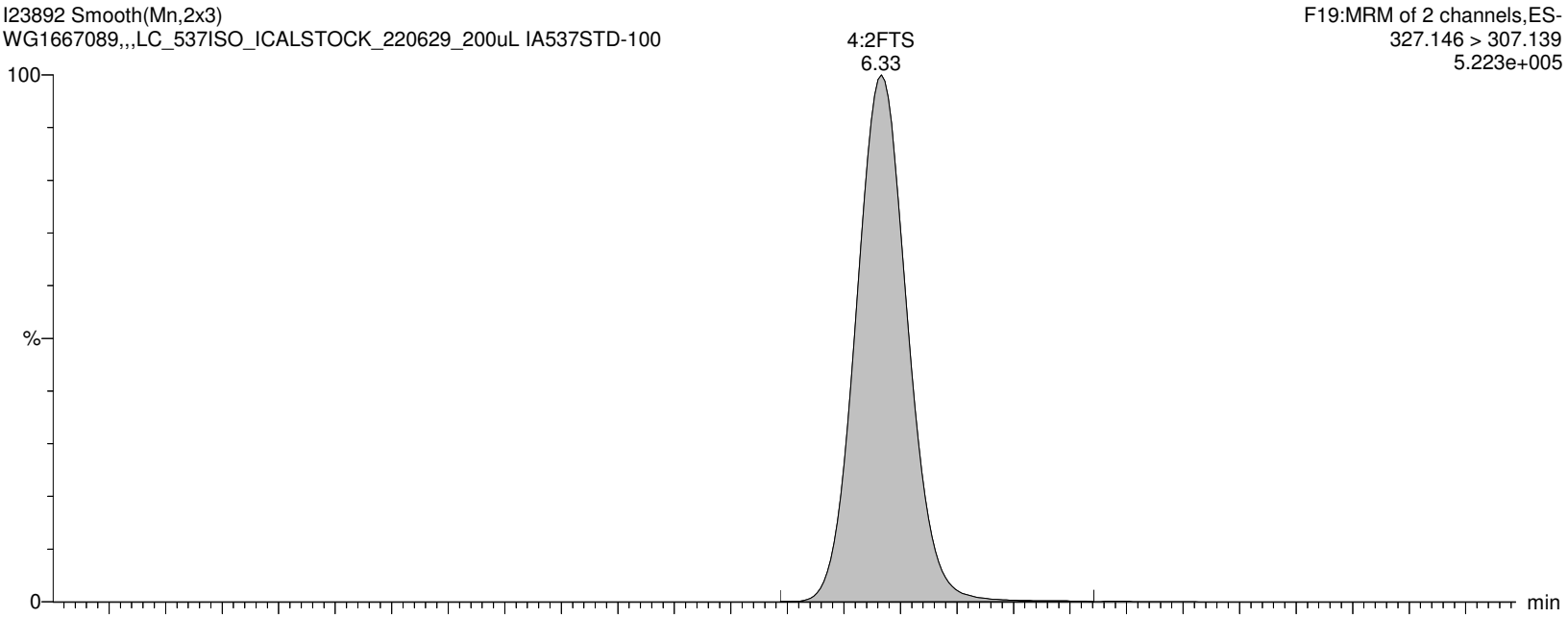


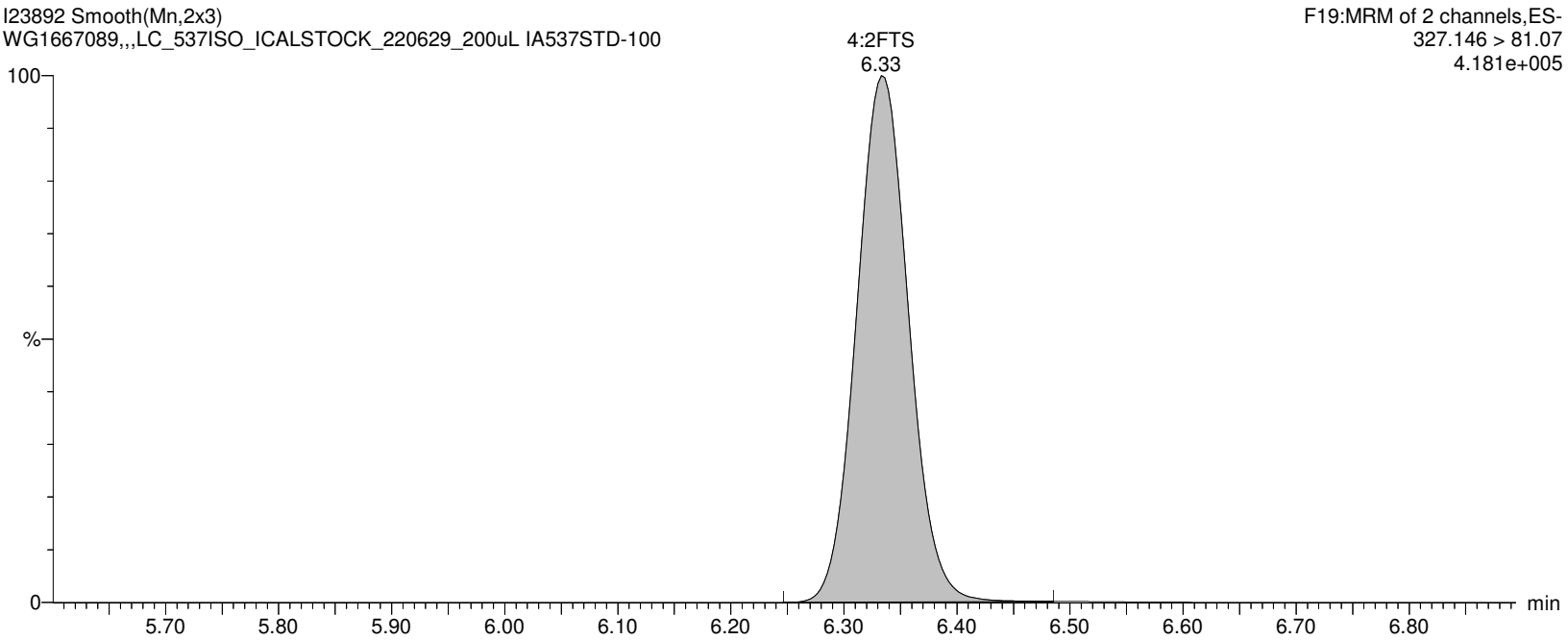
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

4:2FTS



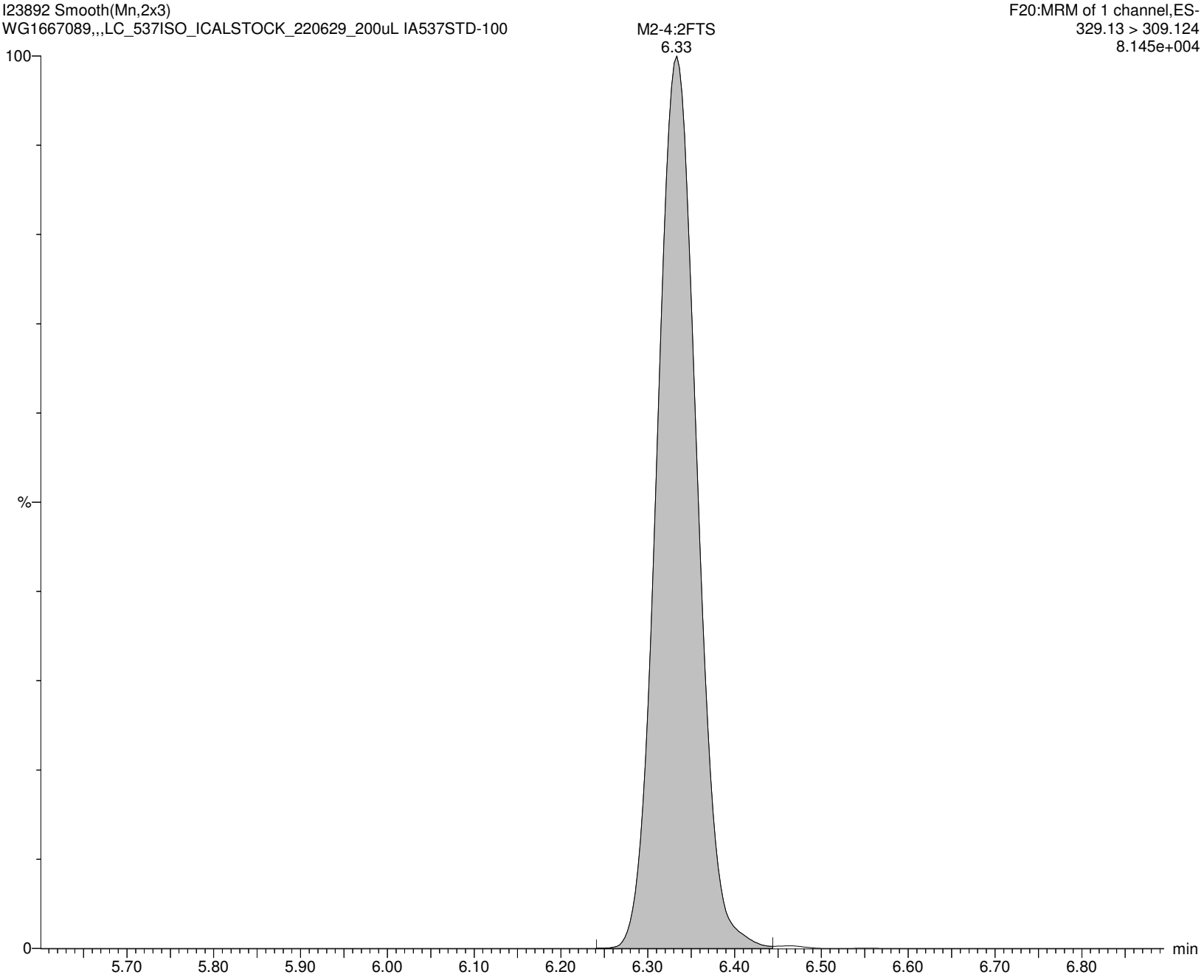


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2-4:2FTS

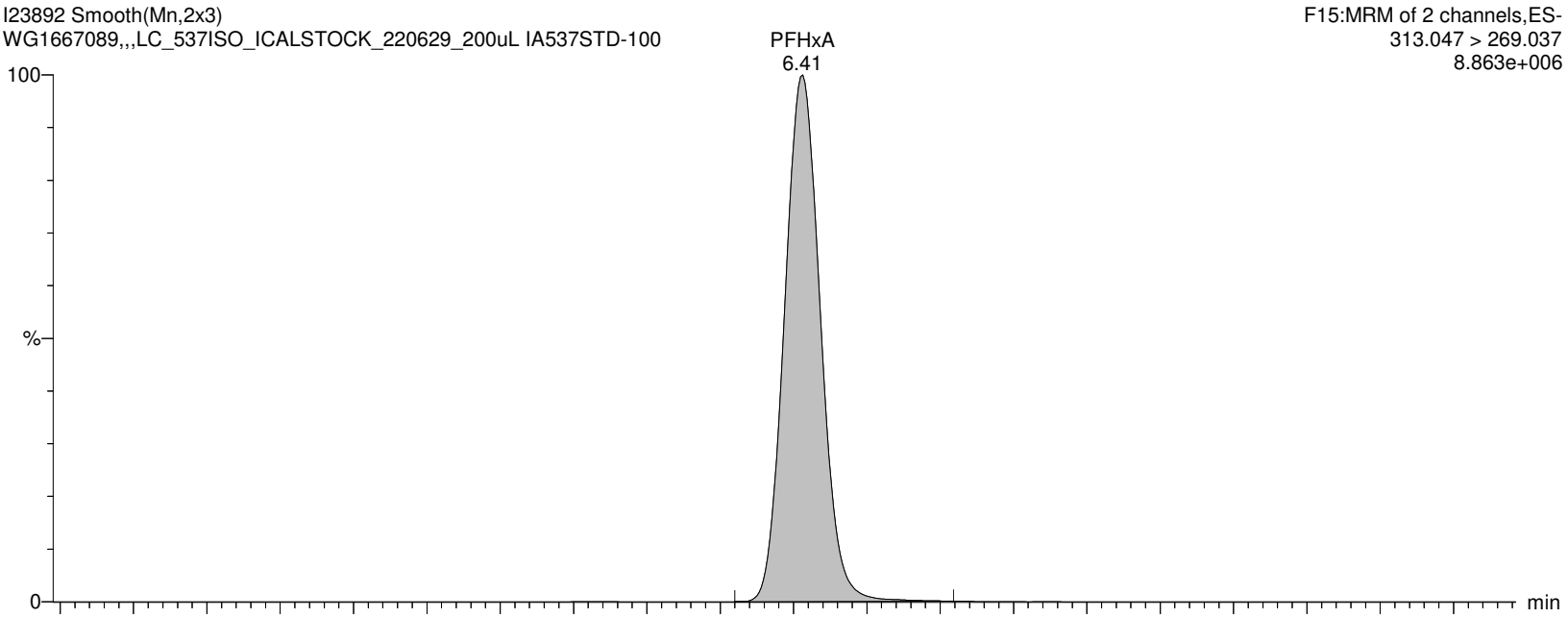


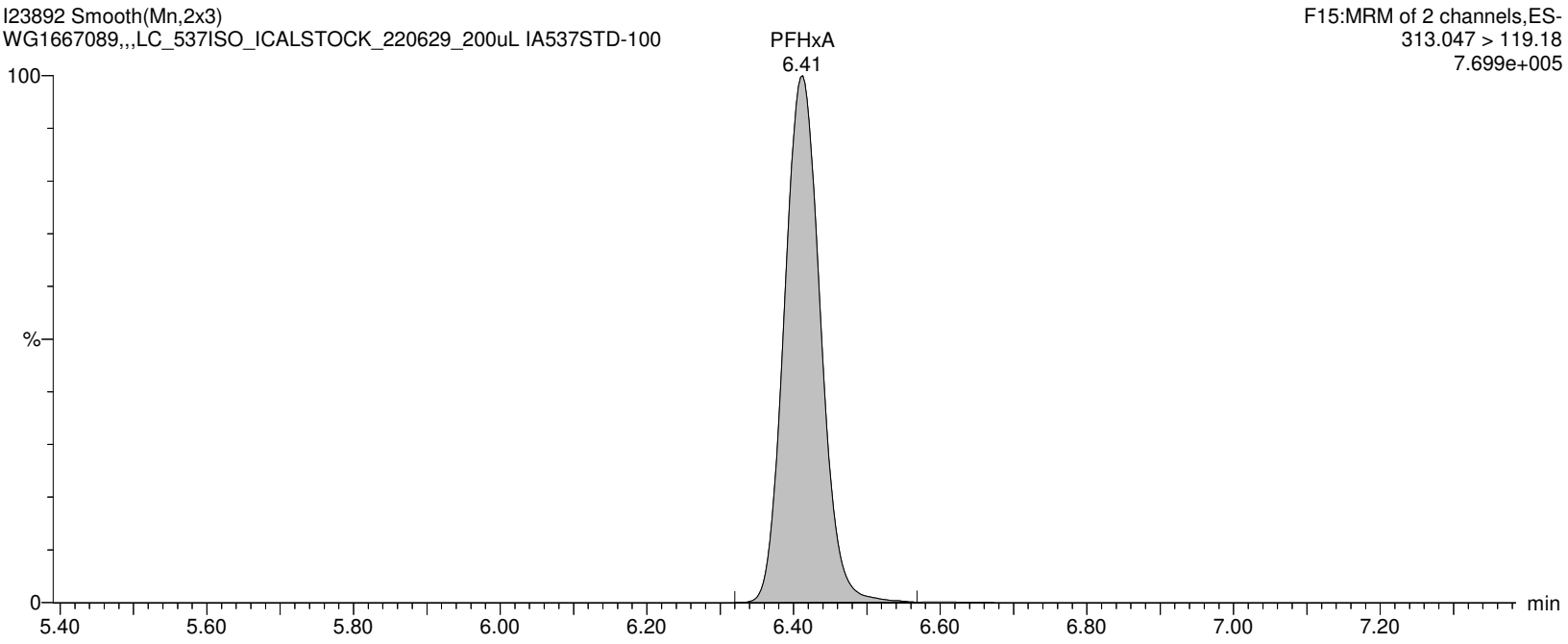
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFHxA



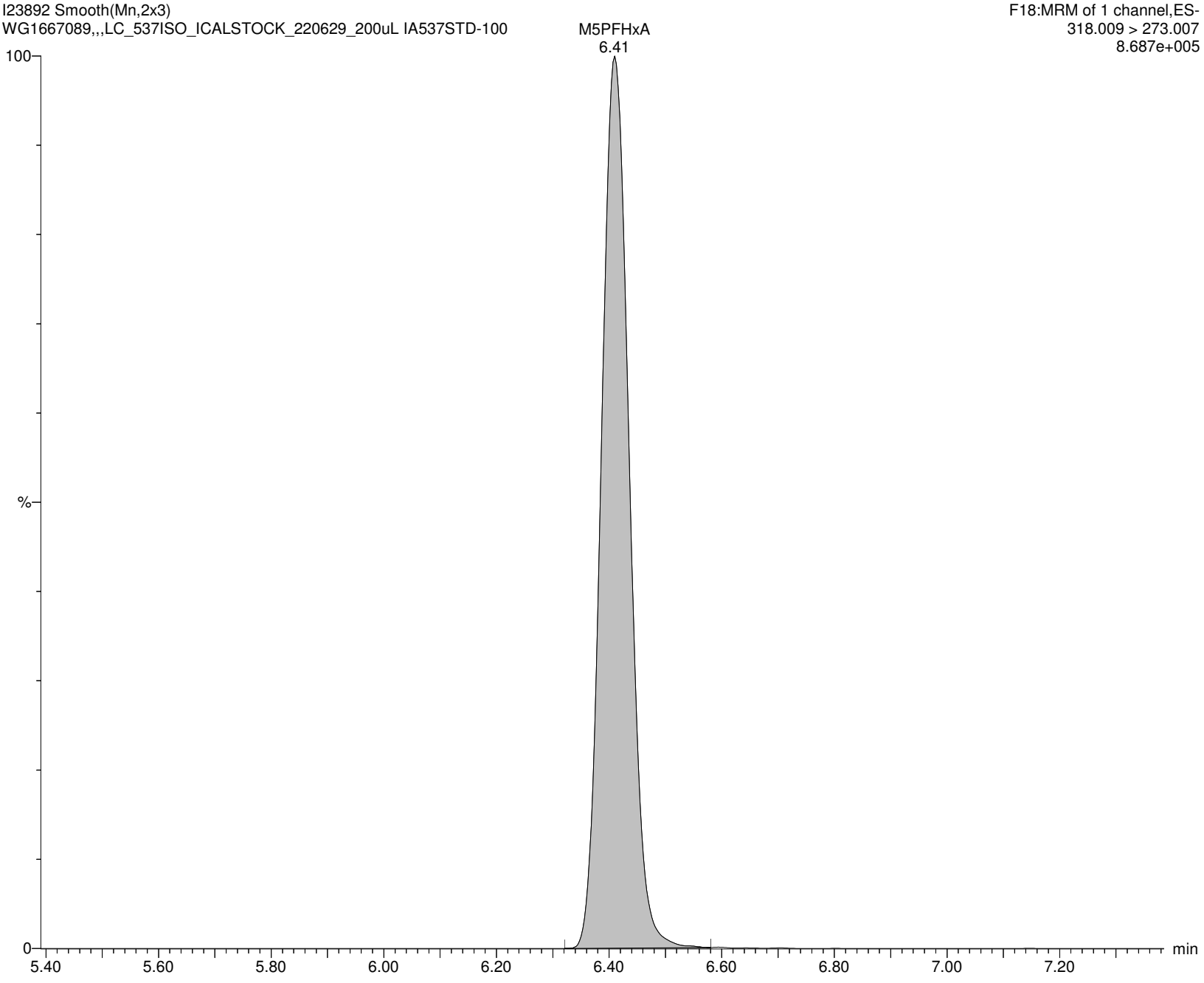


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M5PFHxA

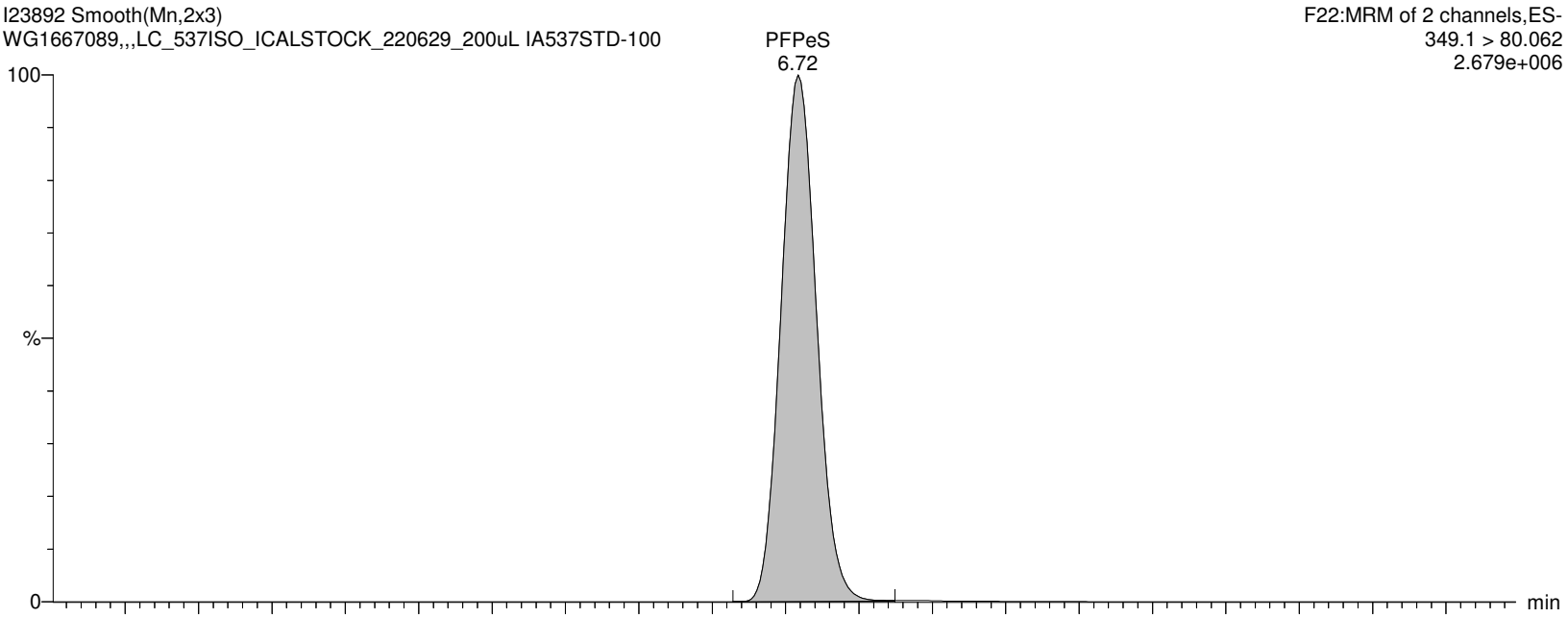


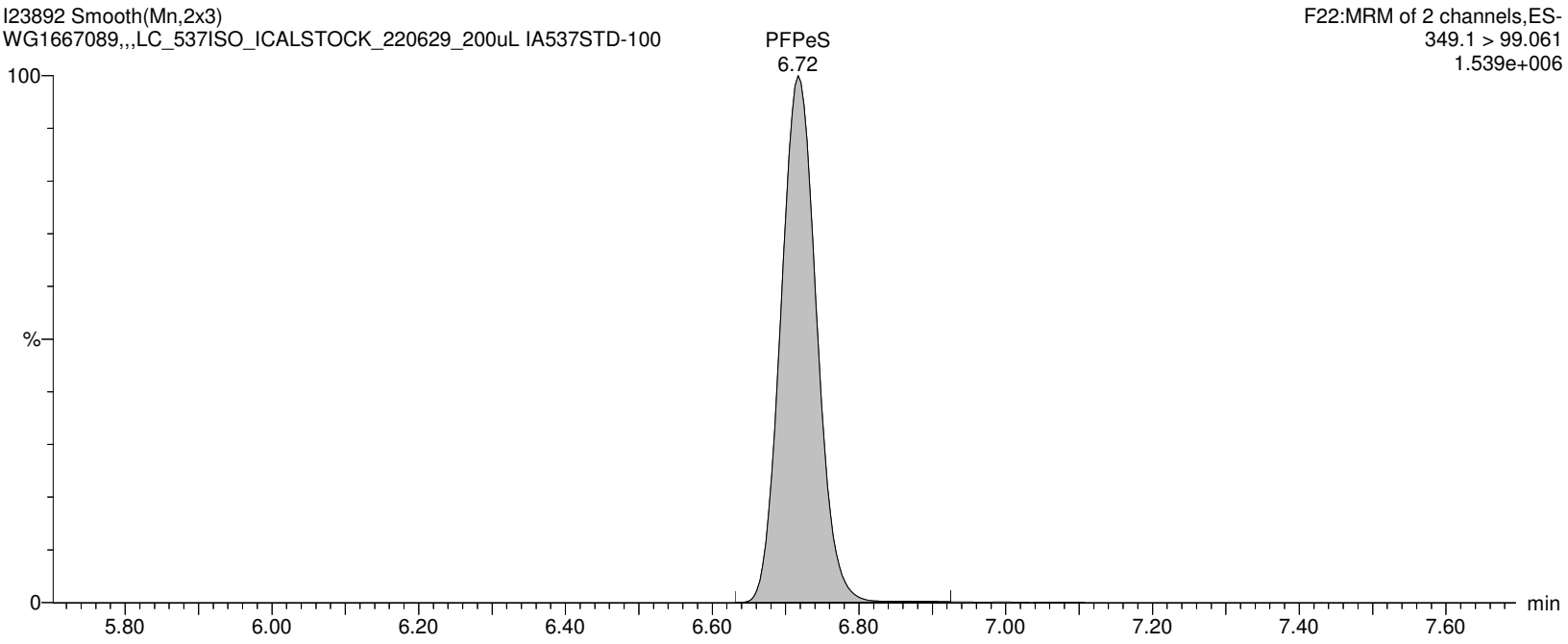
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFPeS



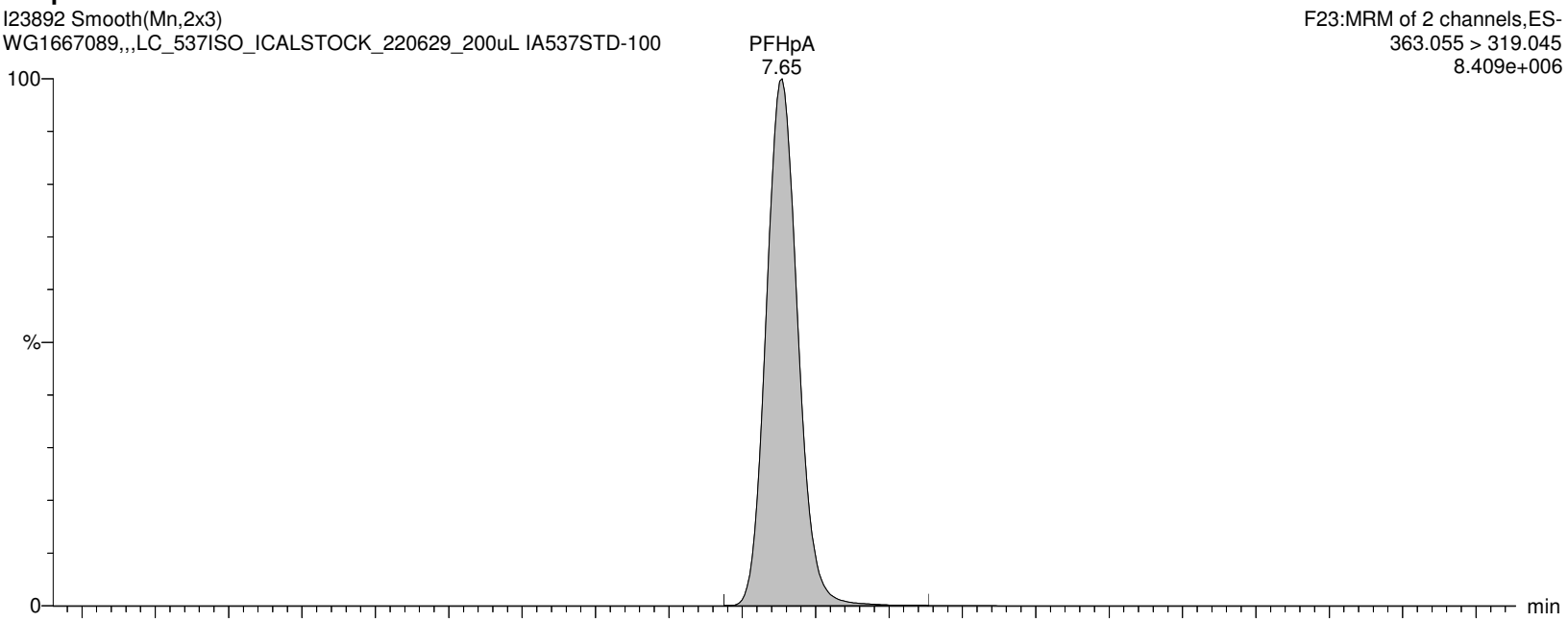


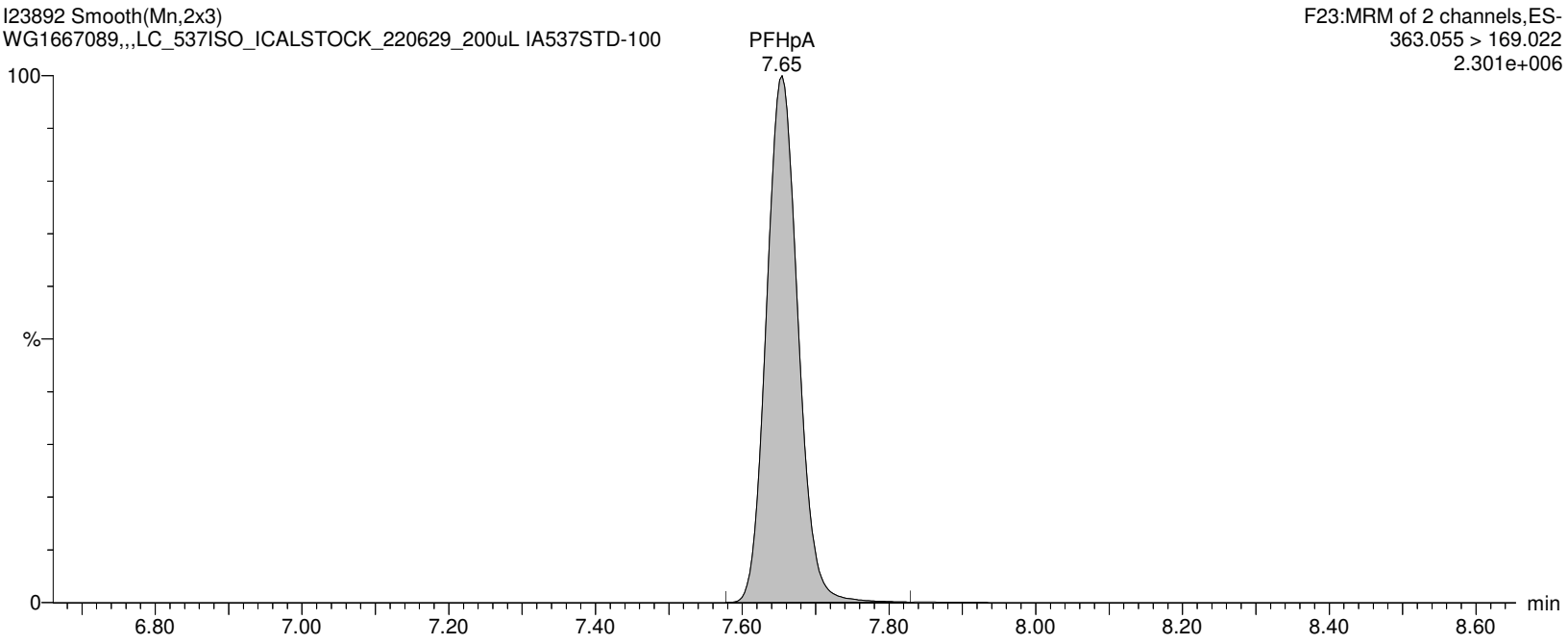
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFHpA



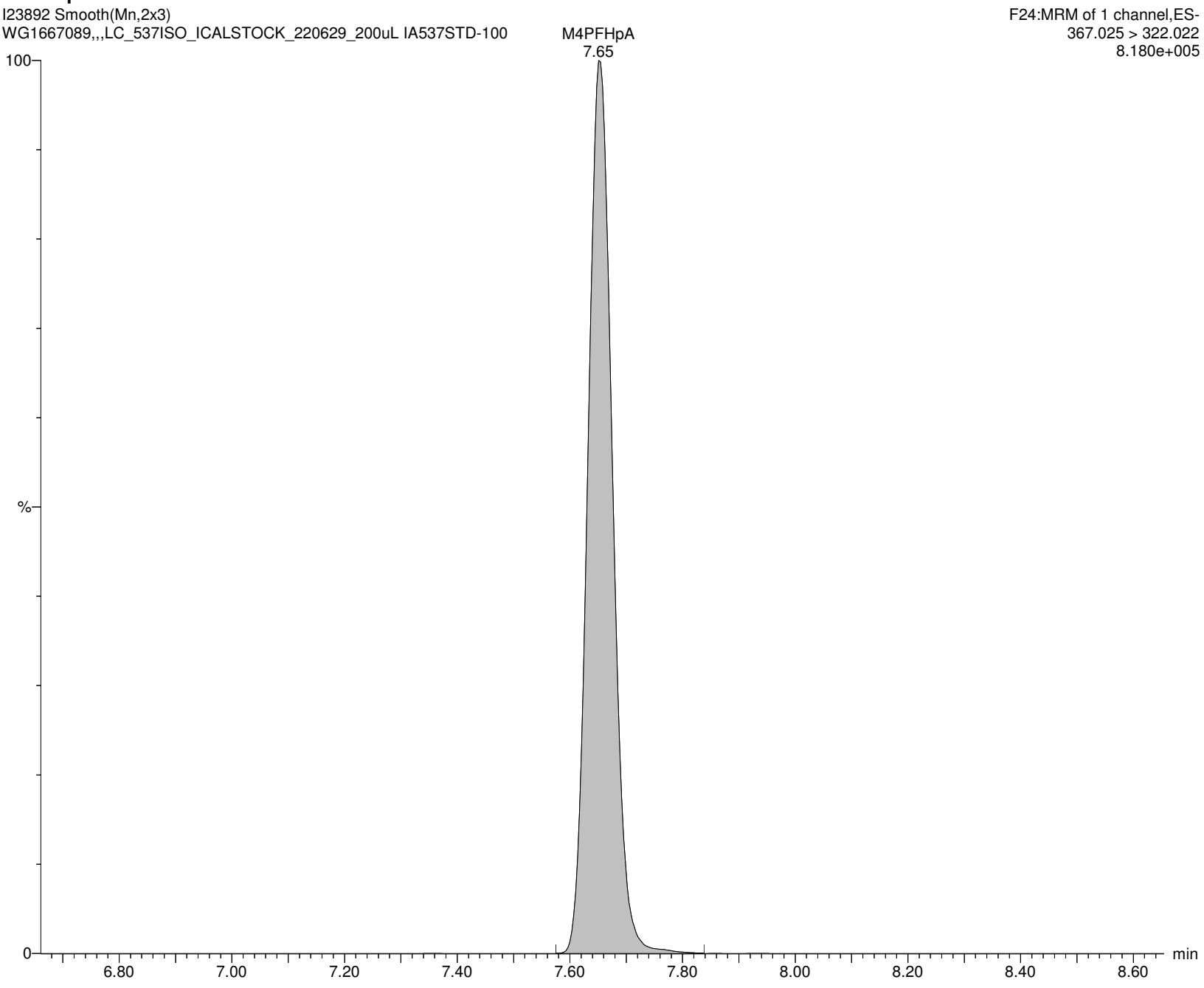


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M4PFHpA

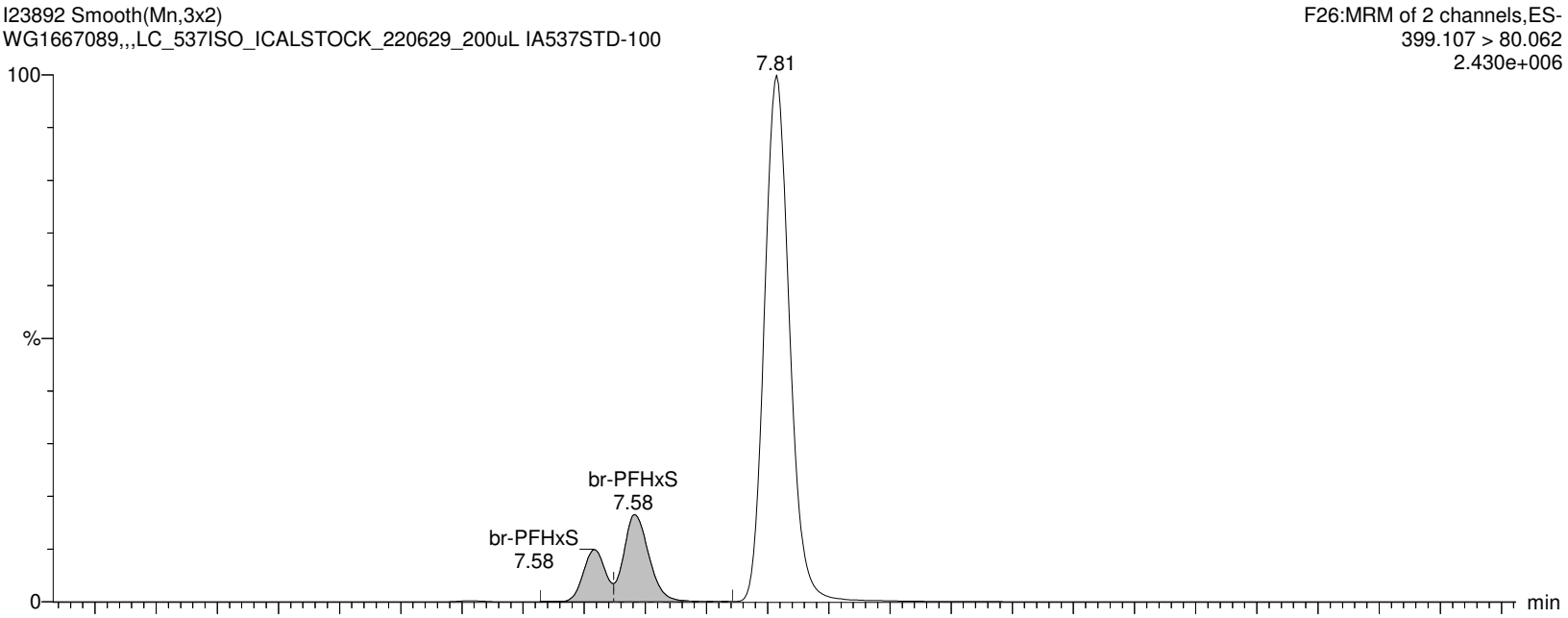


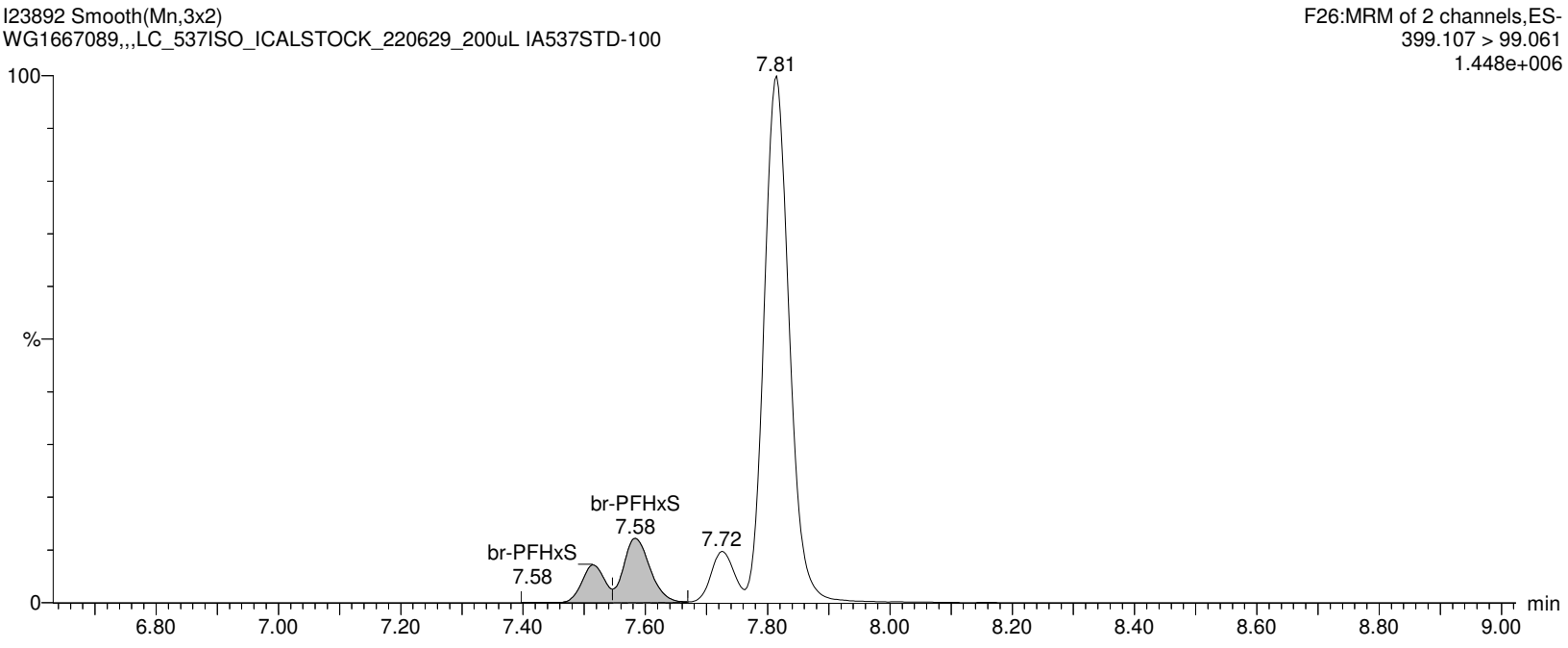
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

br-PFHxS



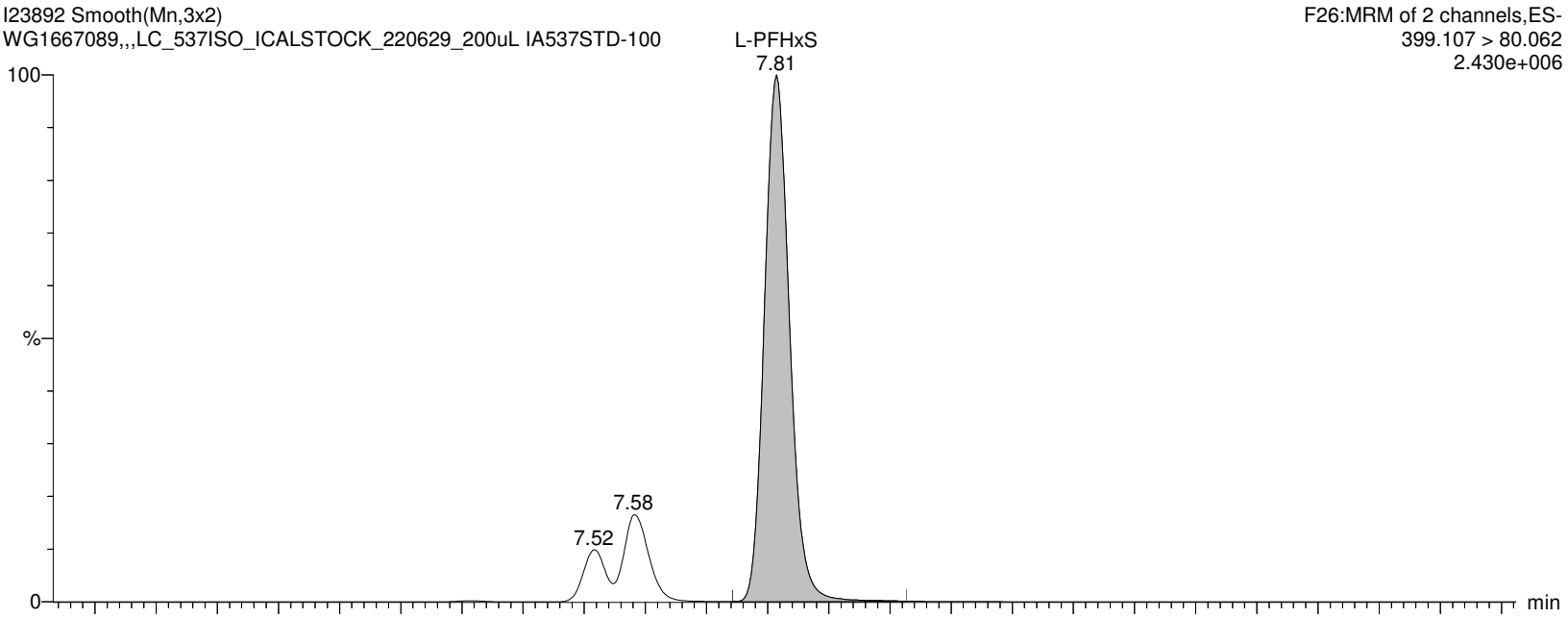


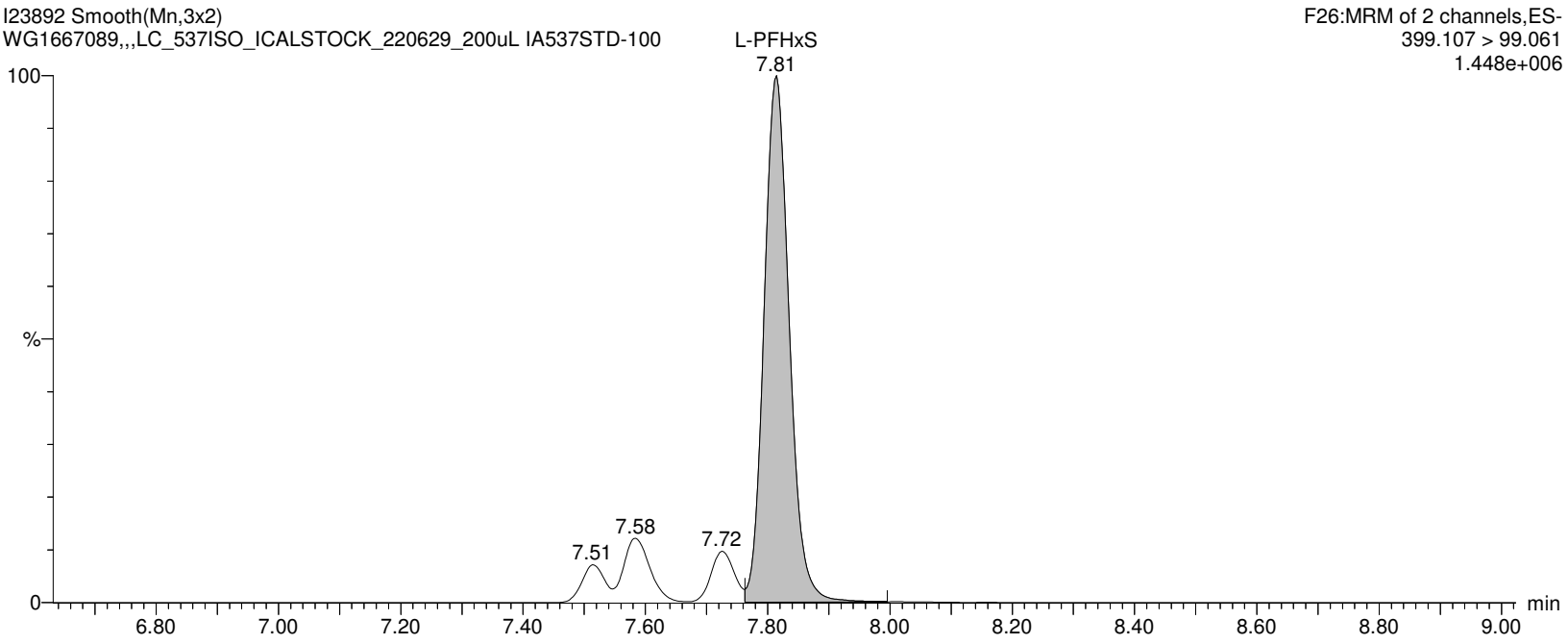
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

L-PFHxS



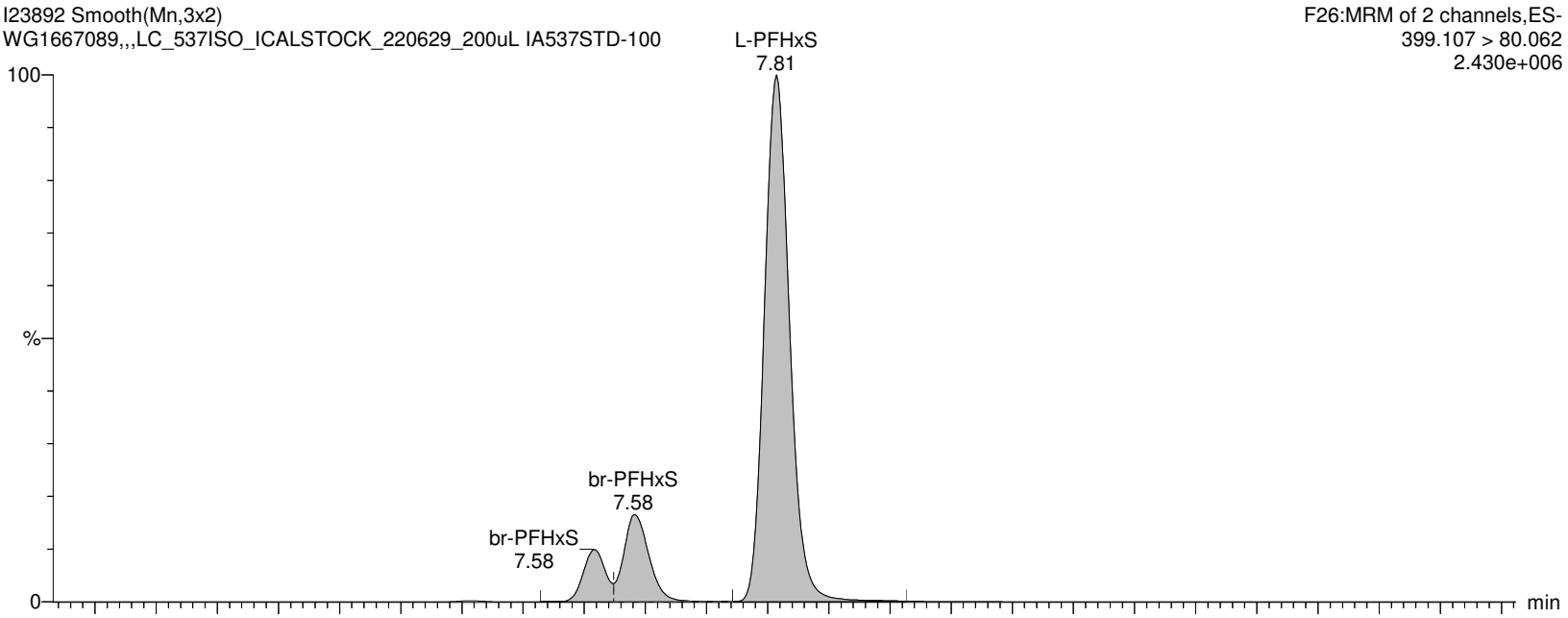


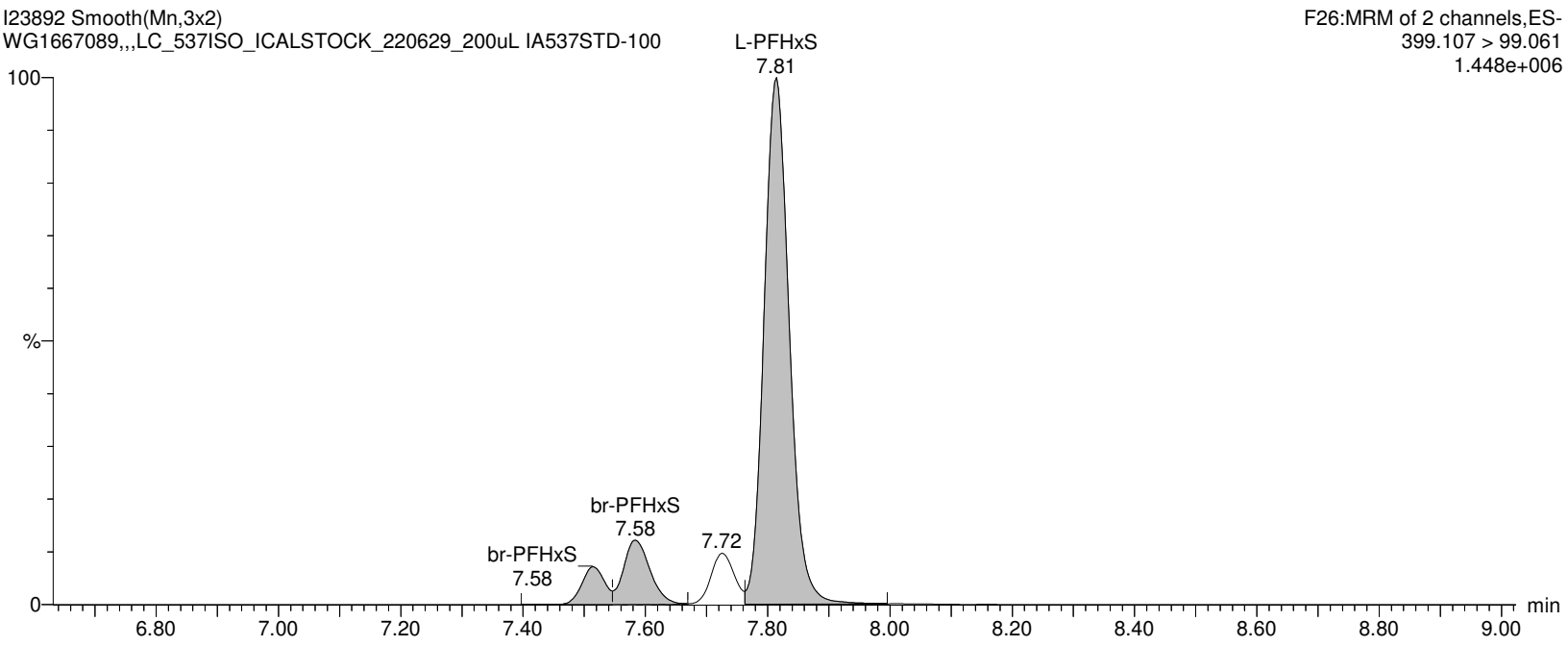
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFHxS



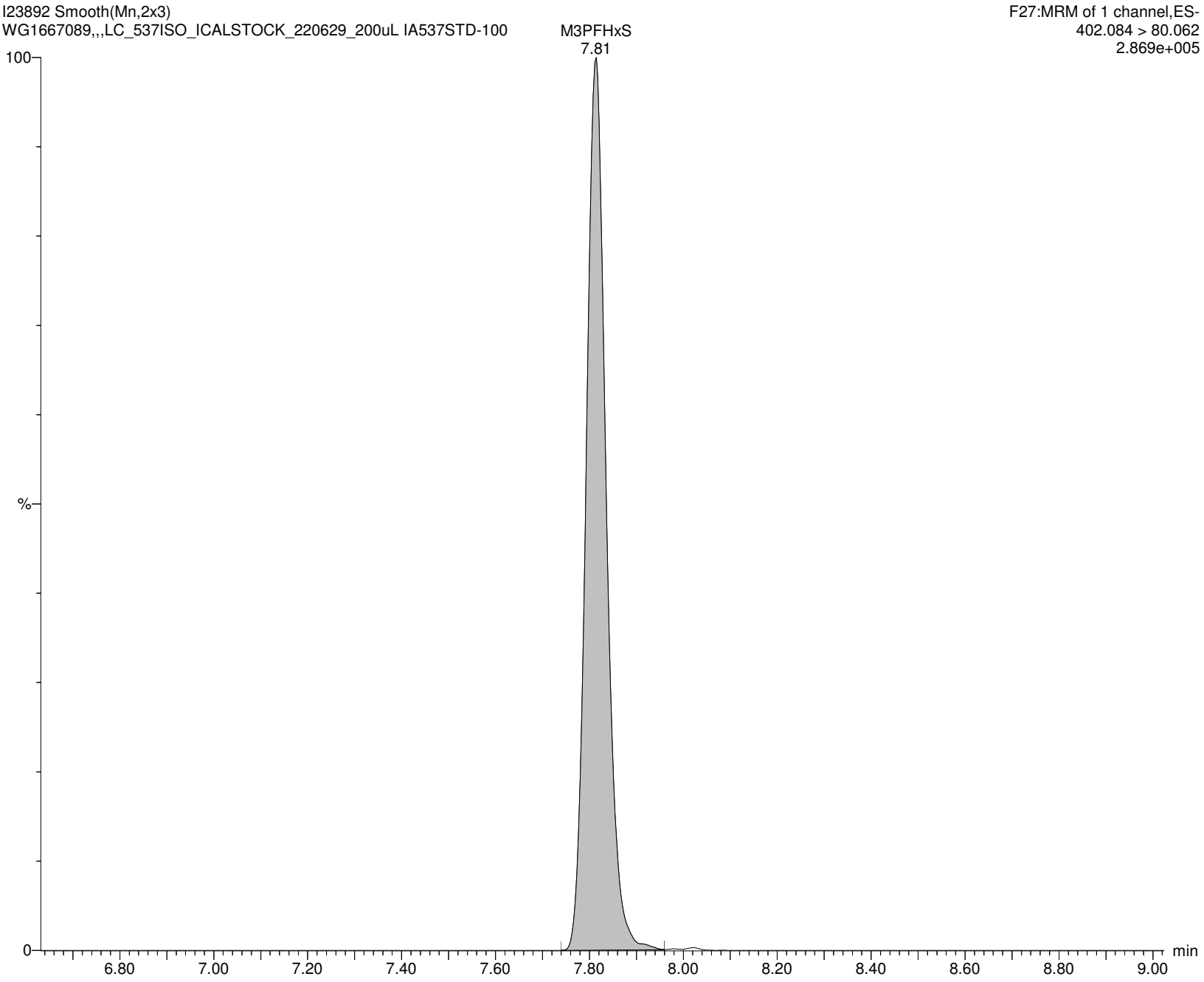


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M3PFHxS

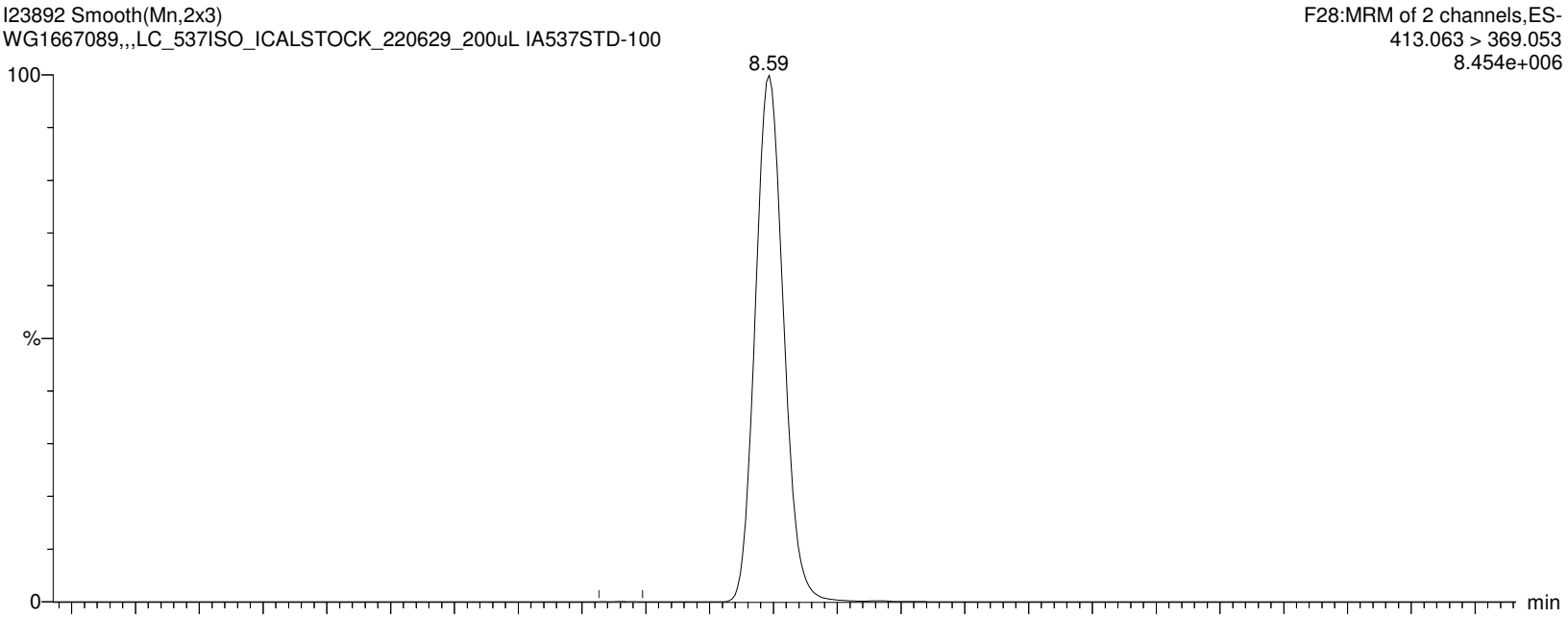


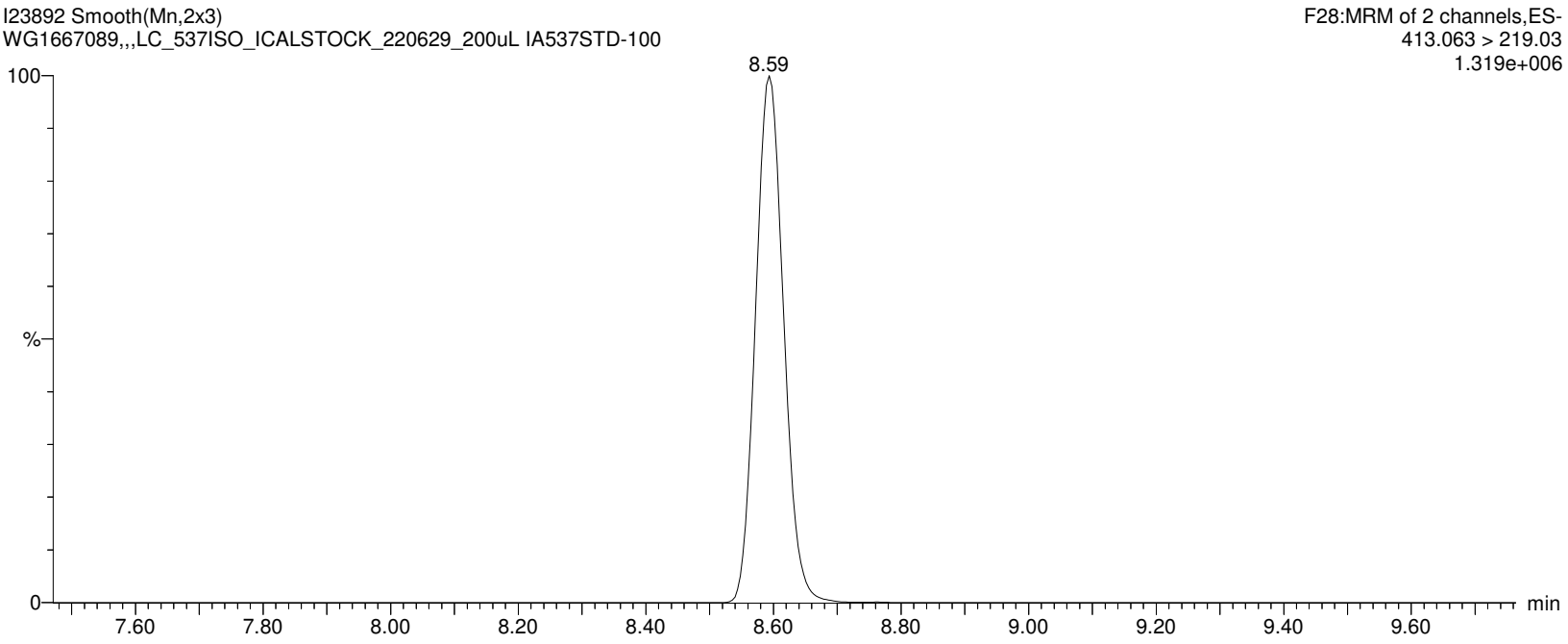
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

br-PFOA



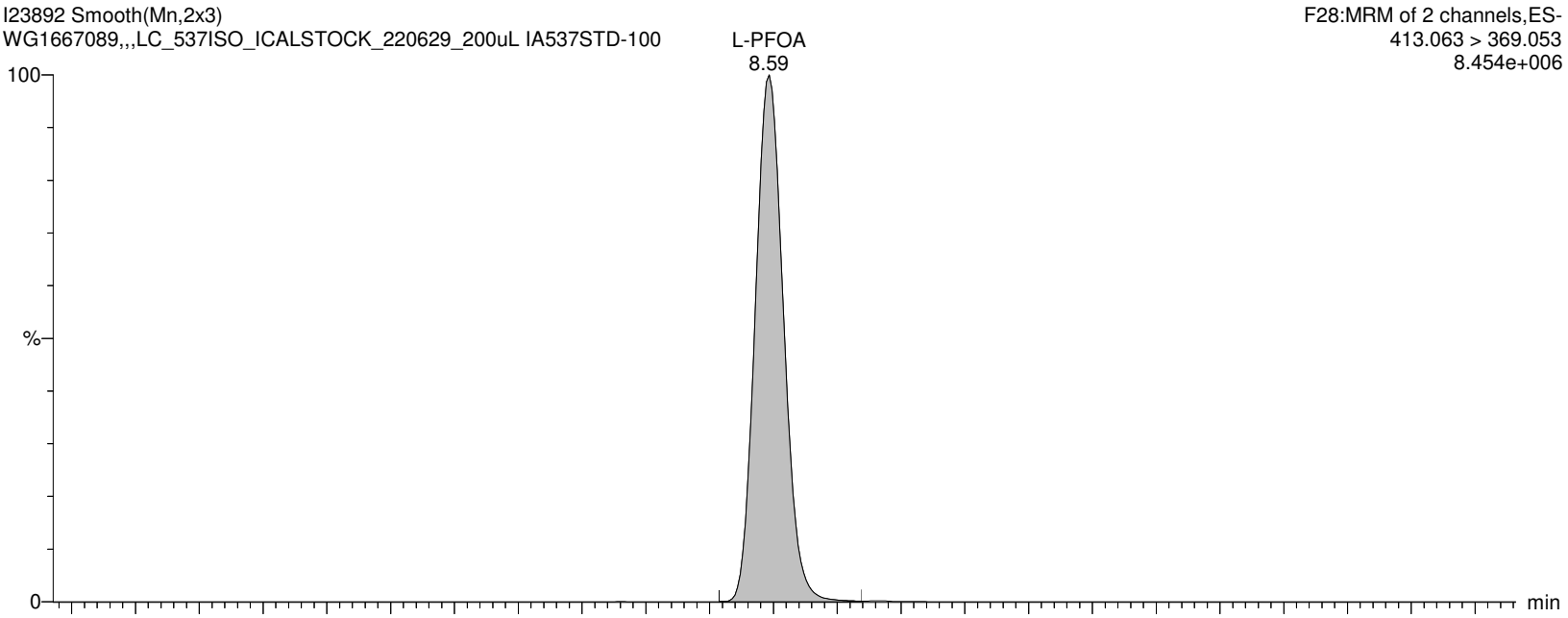


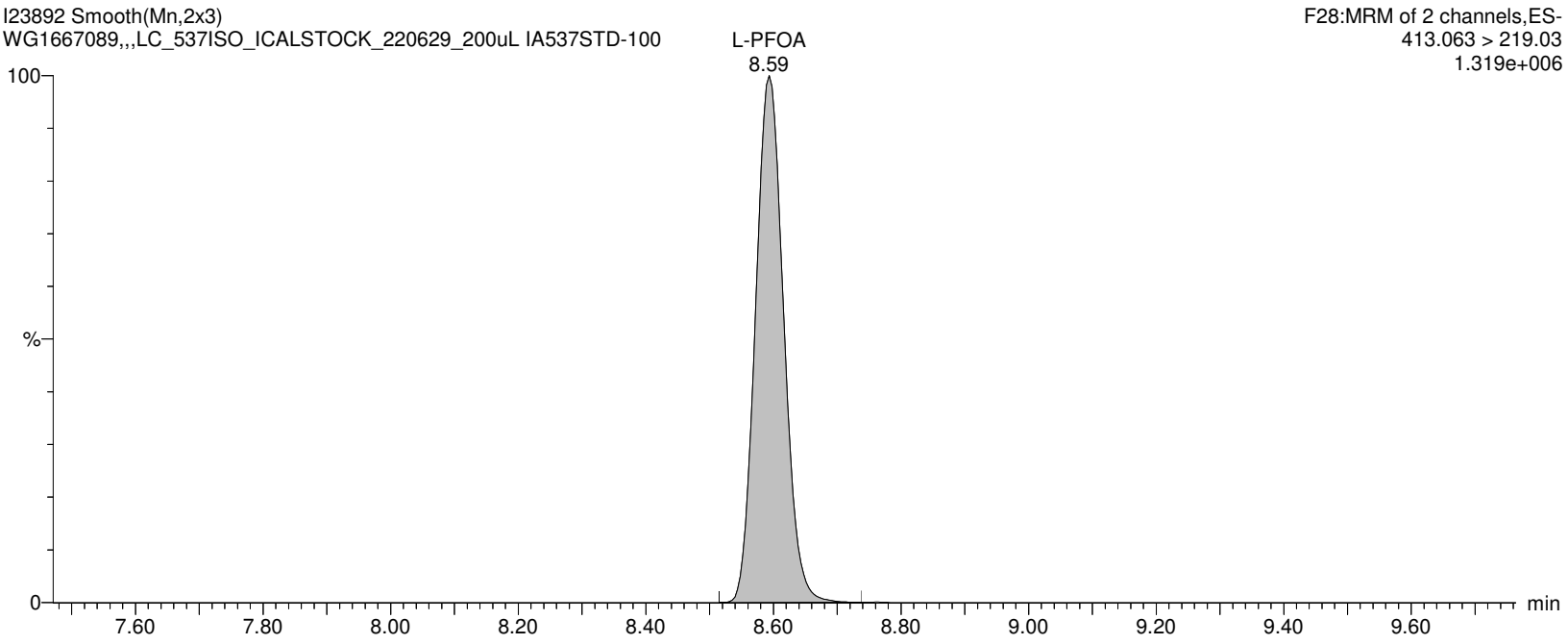
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

L-PFOA



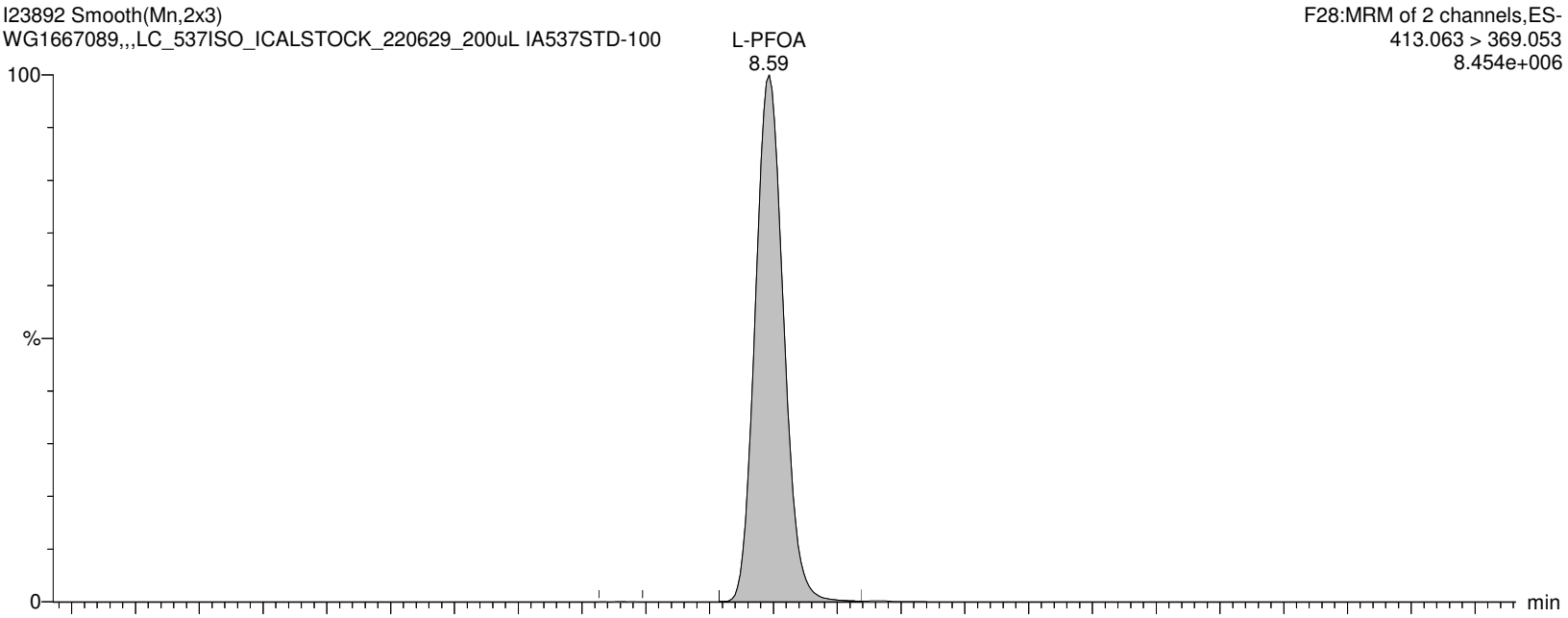


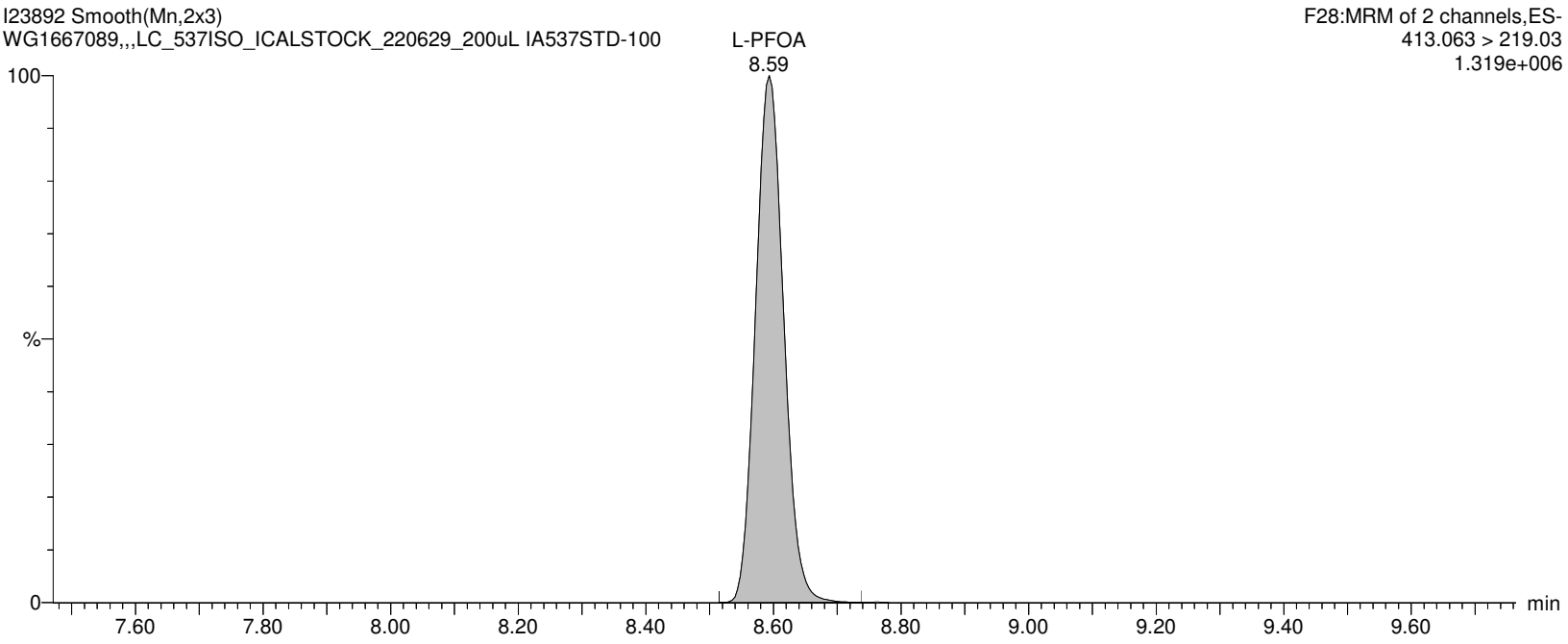
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFOA



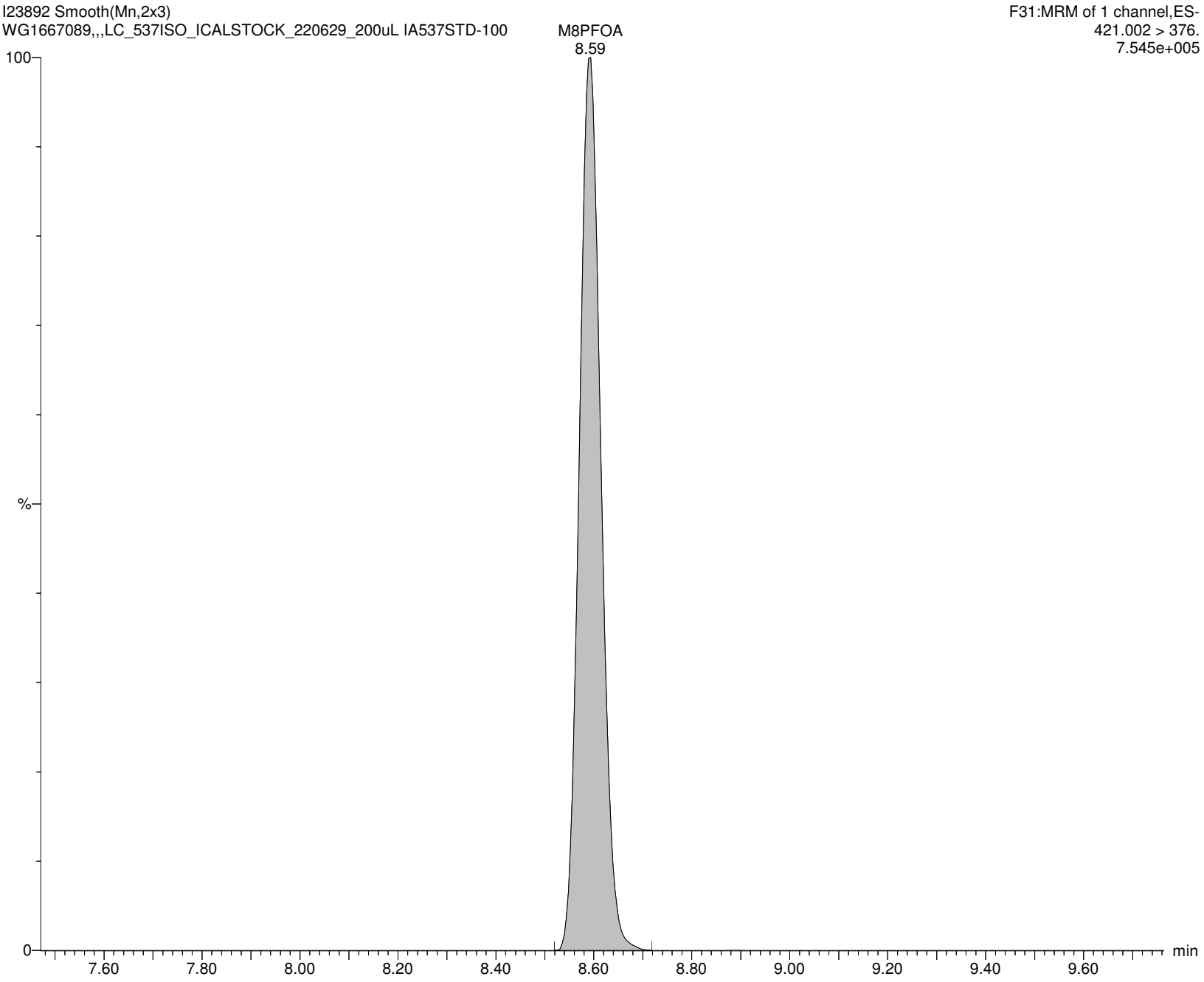


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M8PFOA

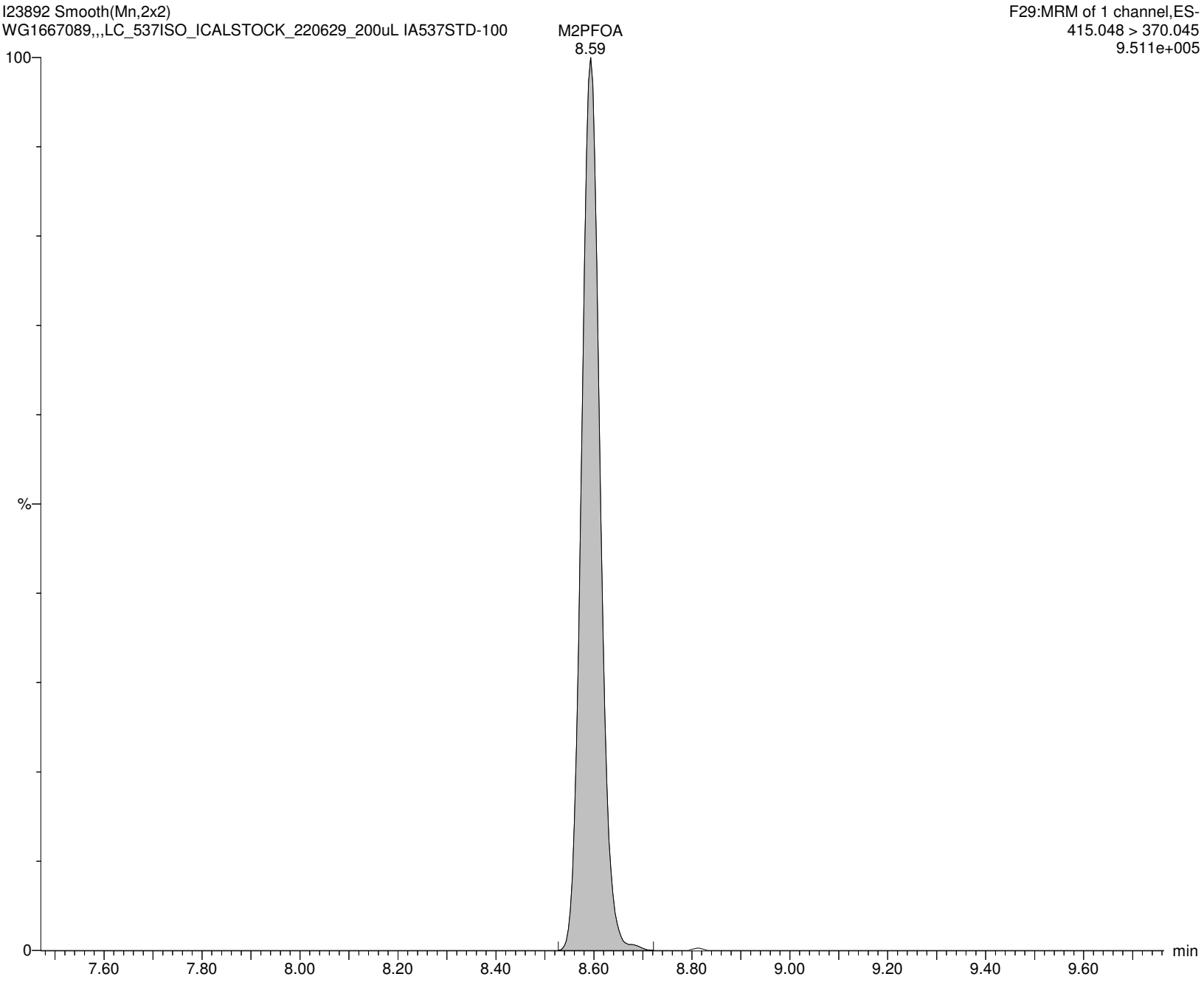


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2PFOA

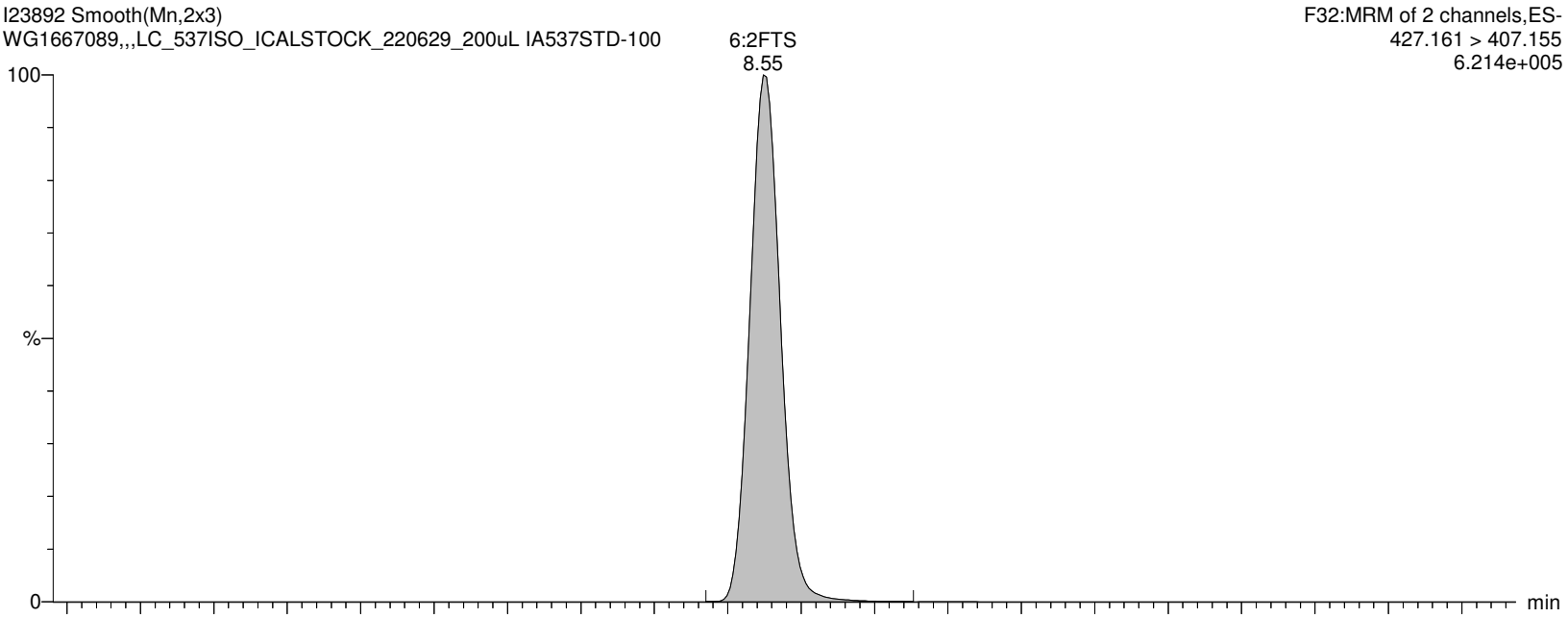


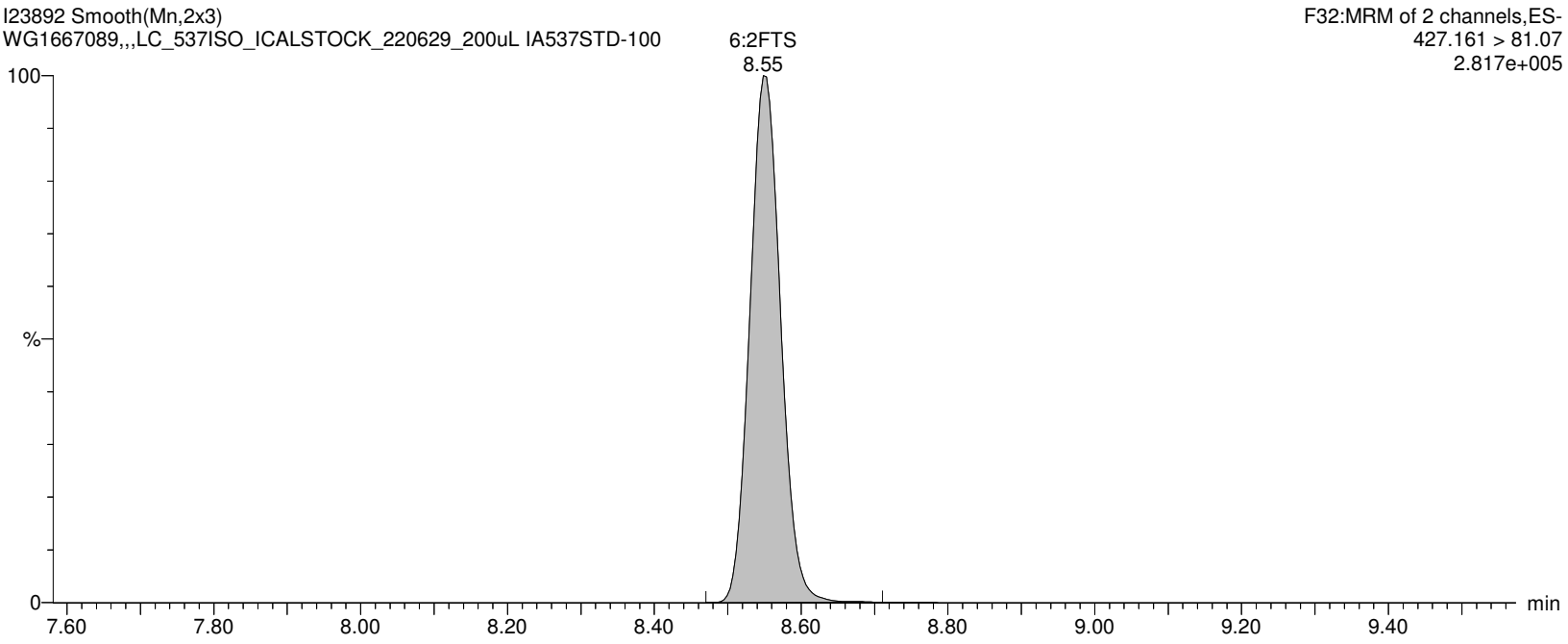
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

6:2FTS



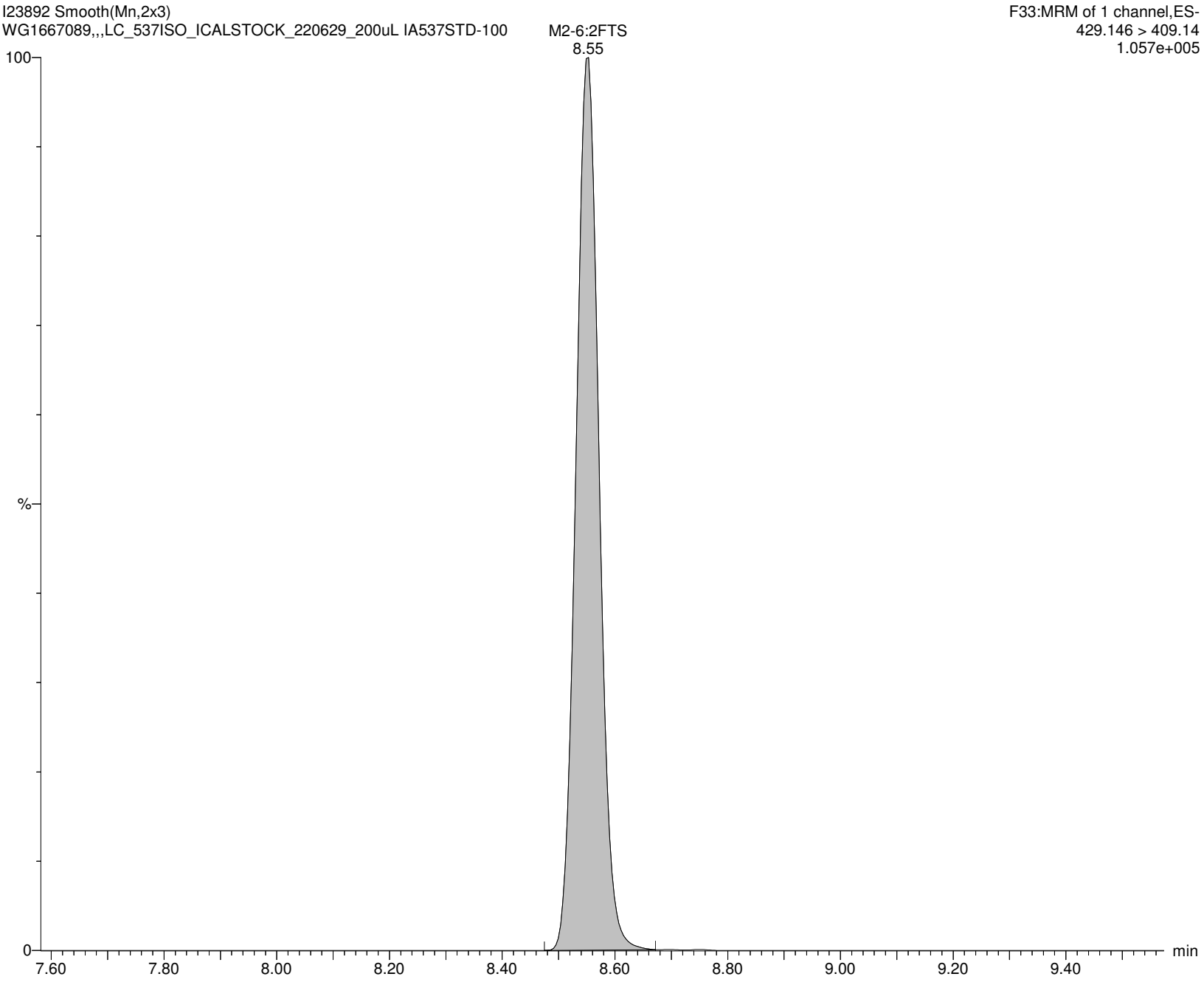


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2-6:2FTS

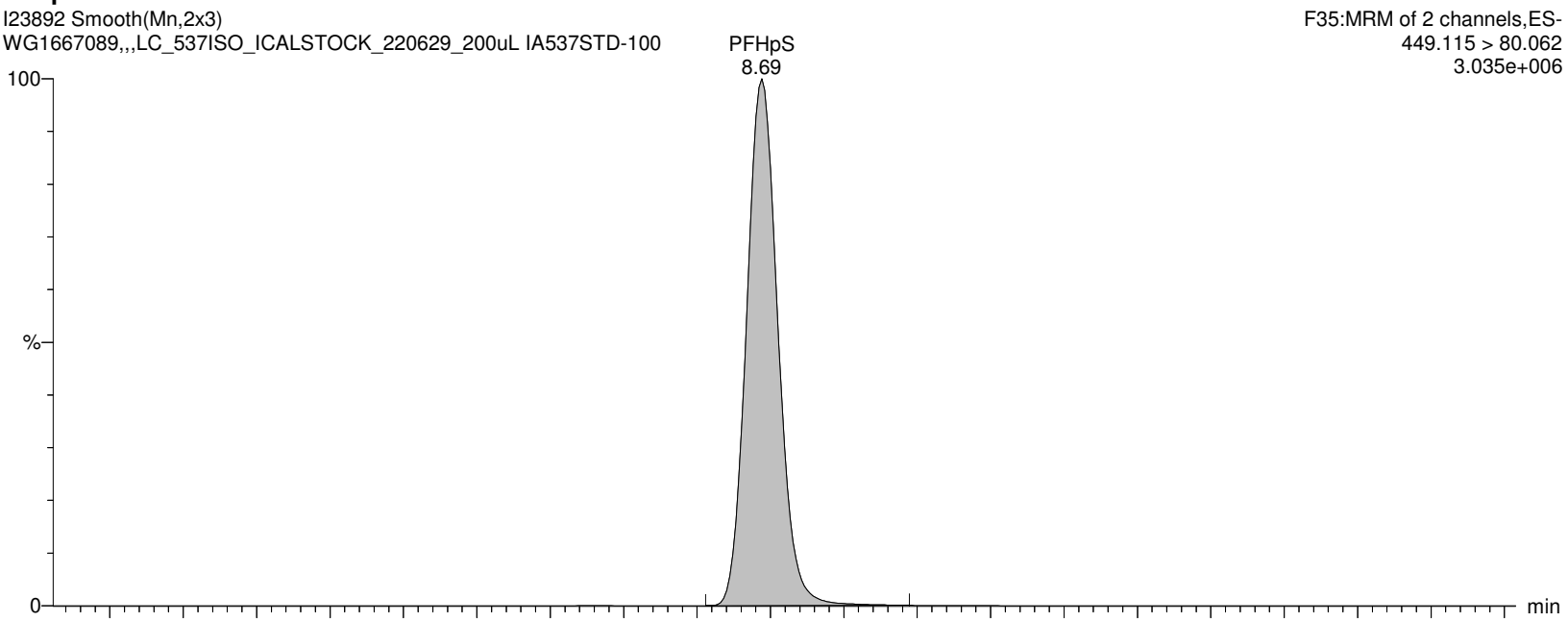


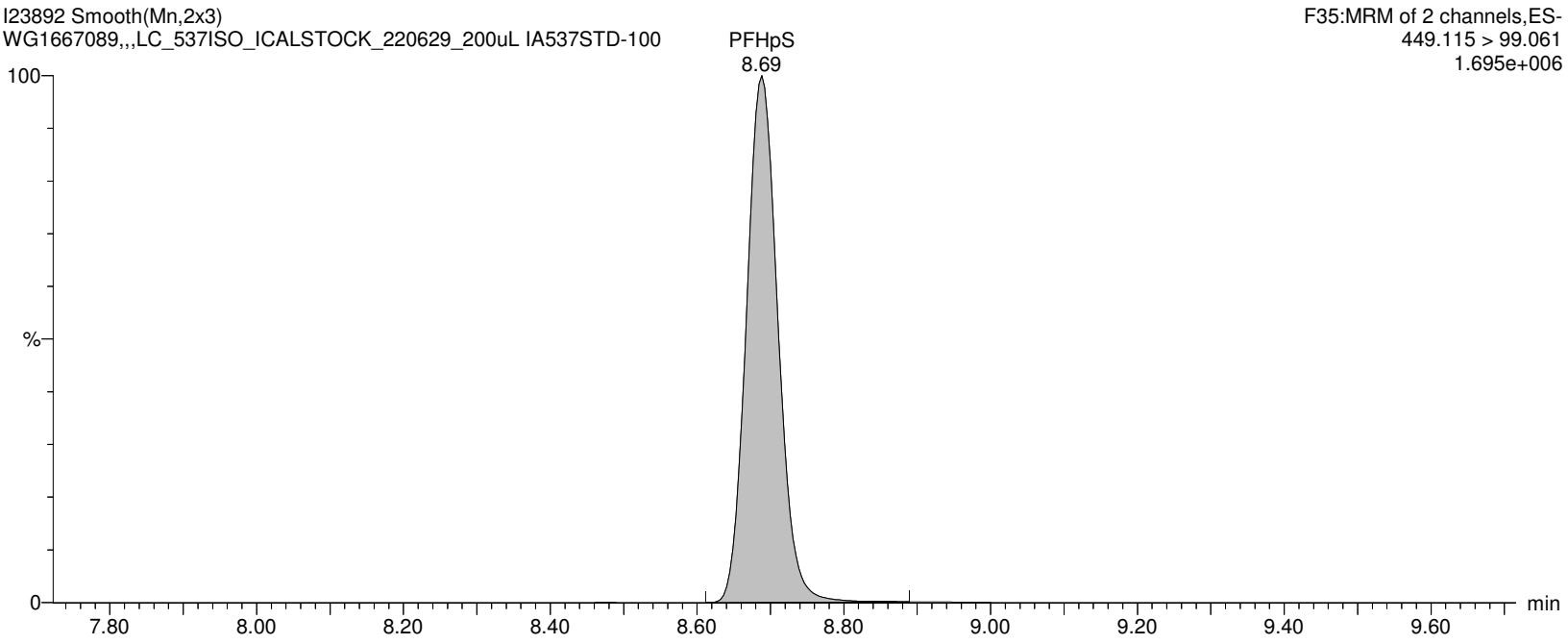
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFHpS



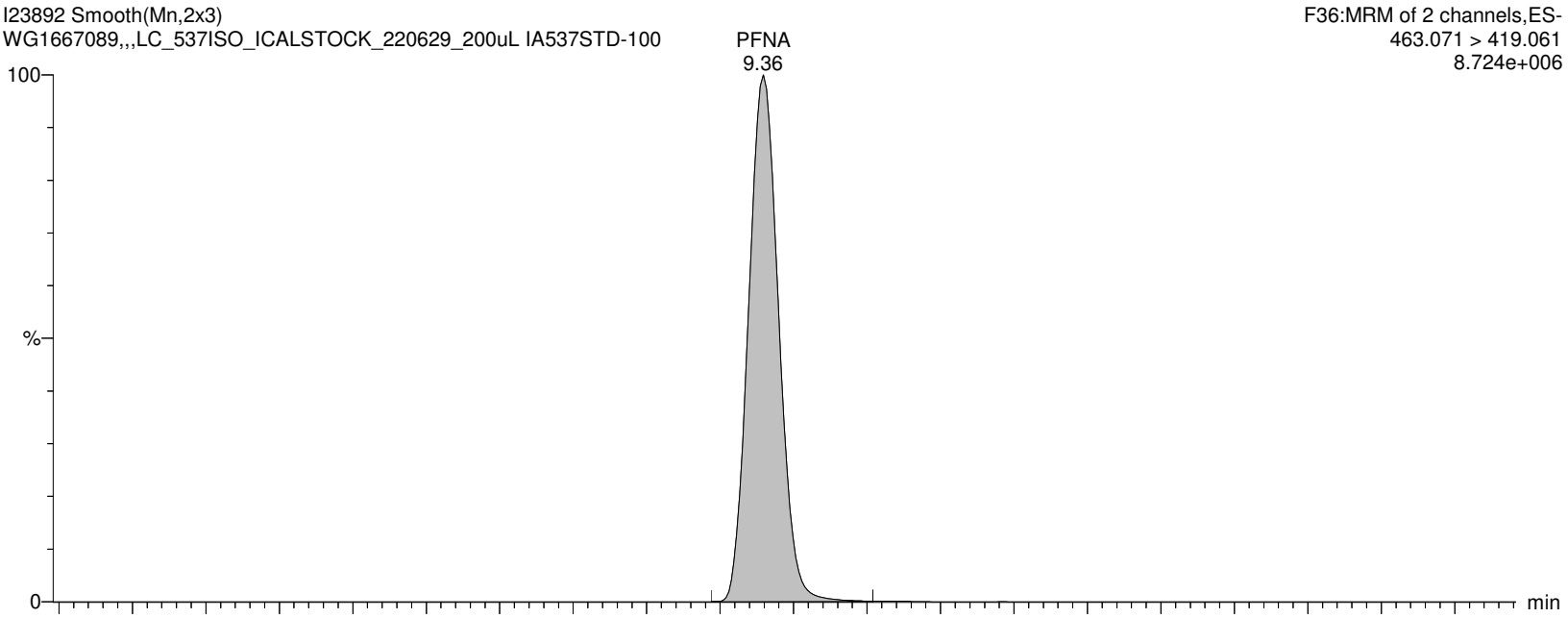


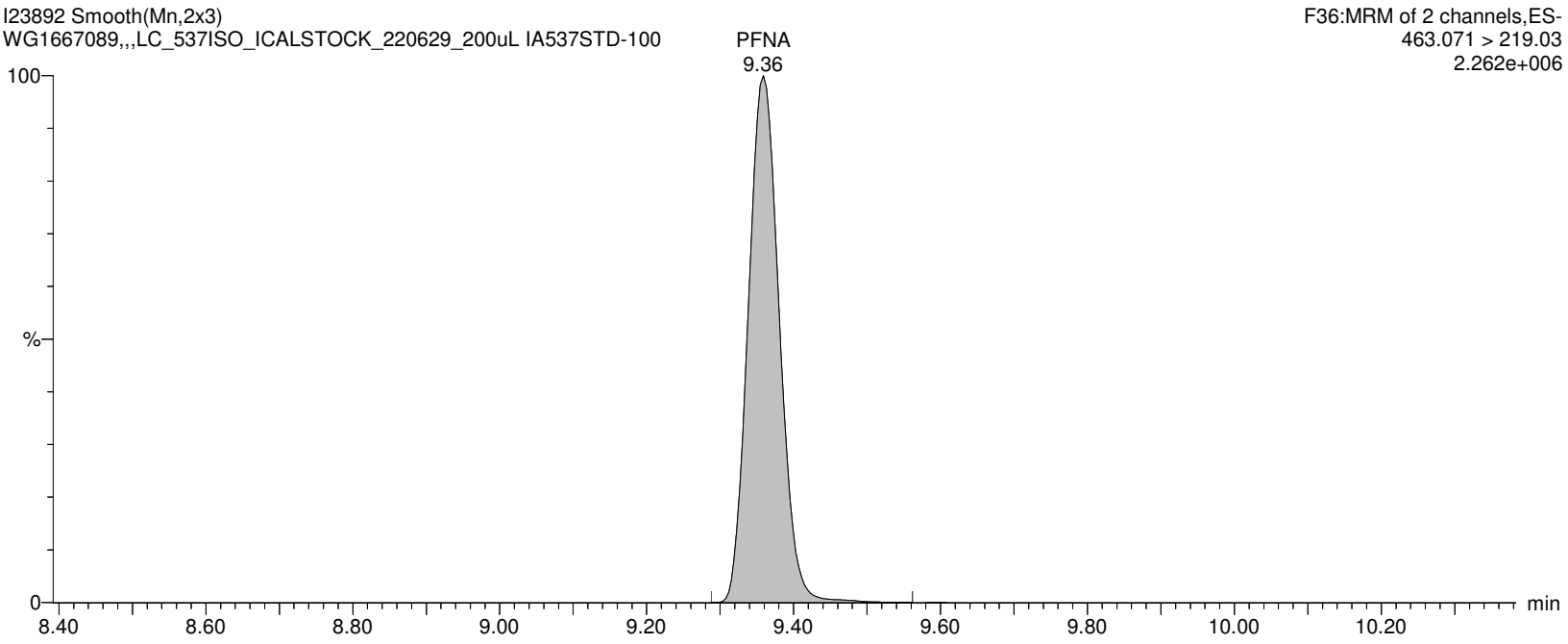
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFNA



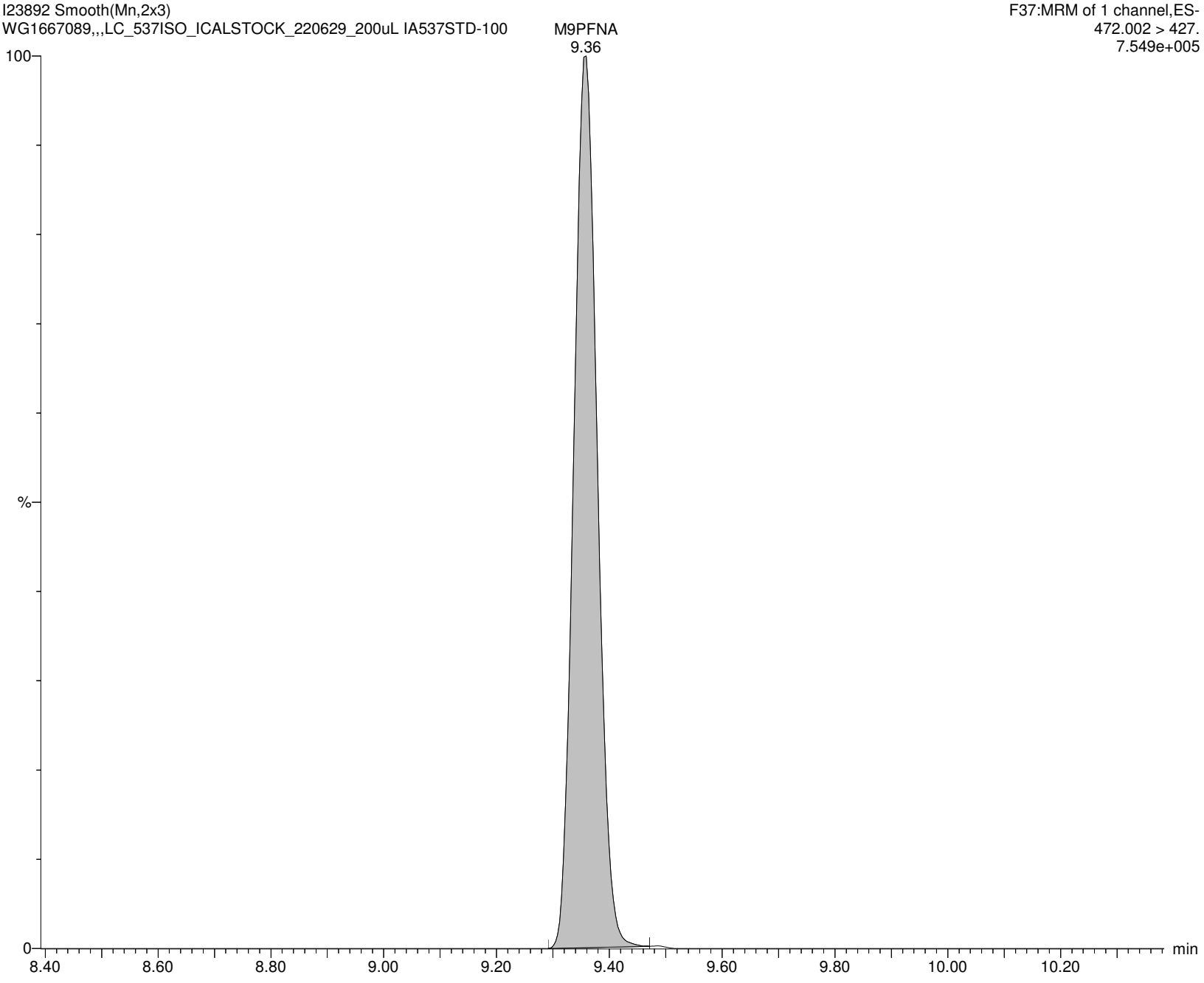


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M9PFNA

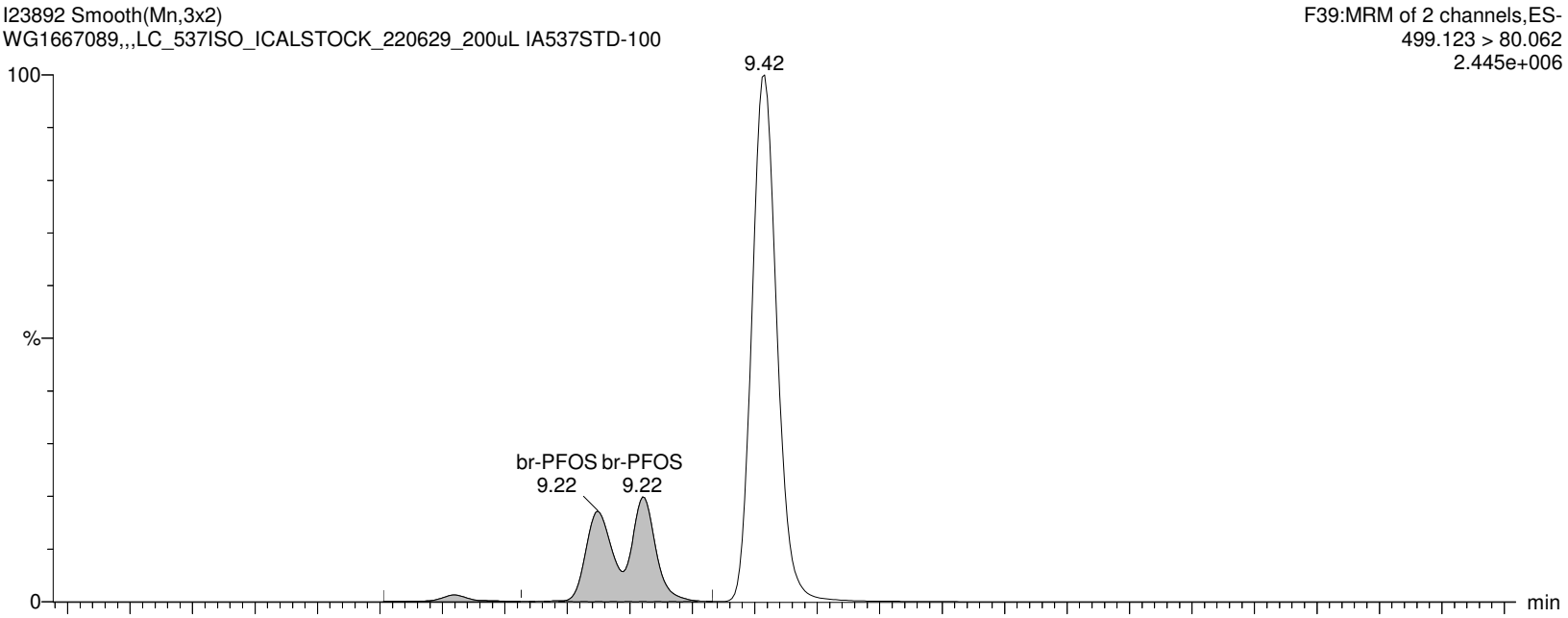


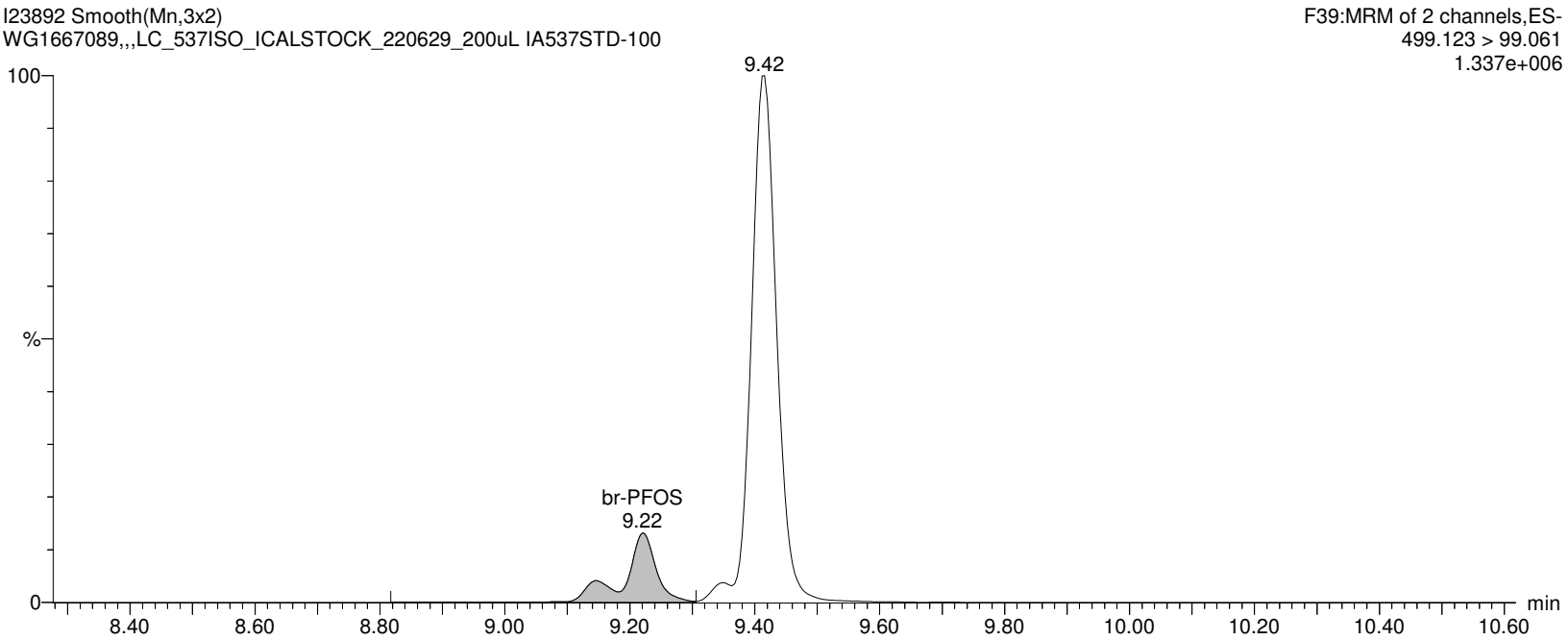
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

br-PFOS



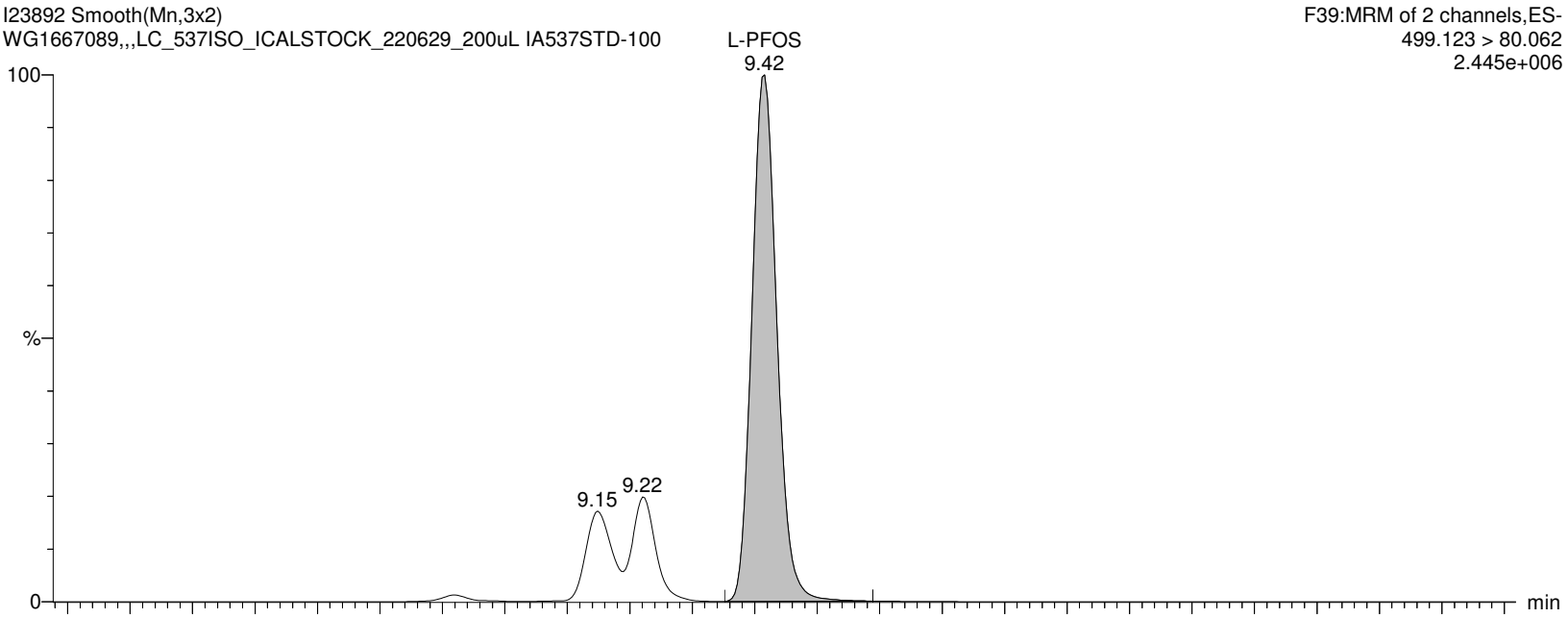


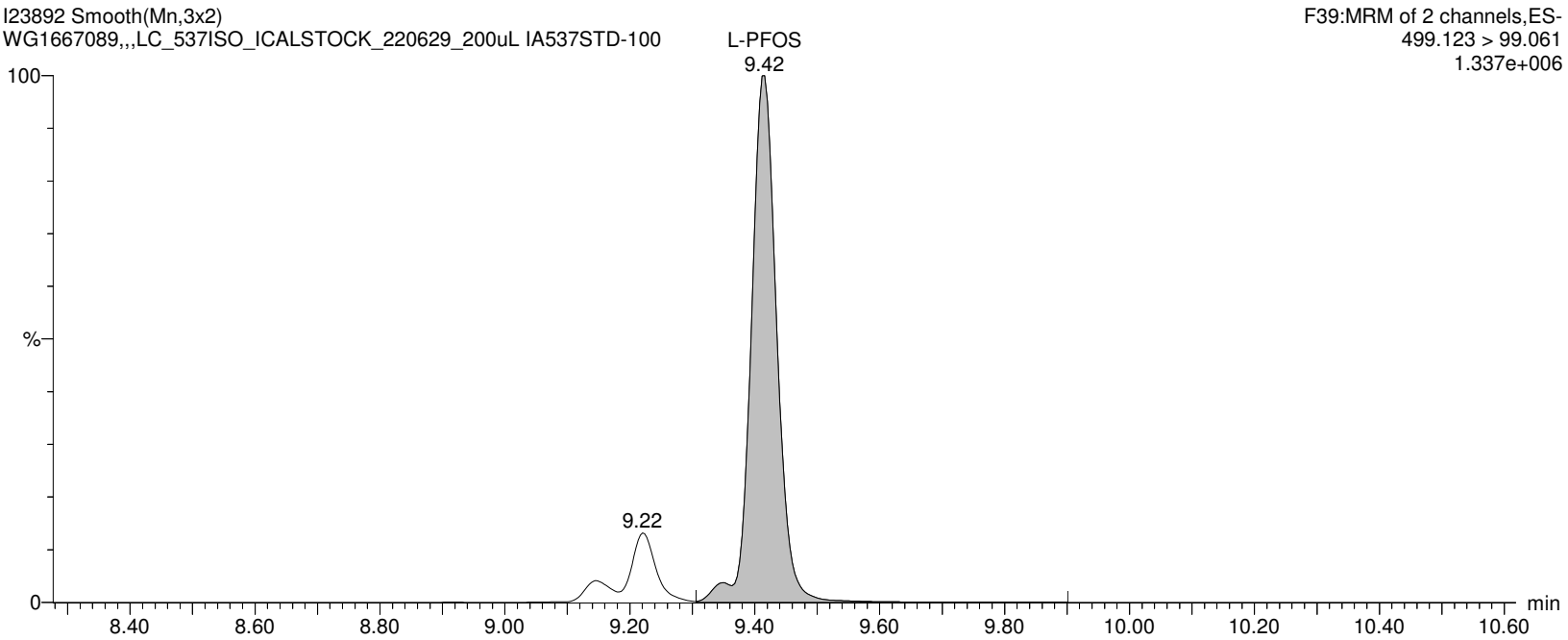
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

L-PFOS



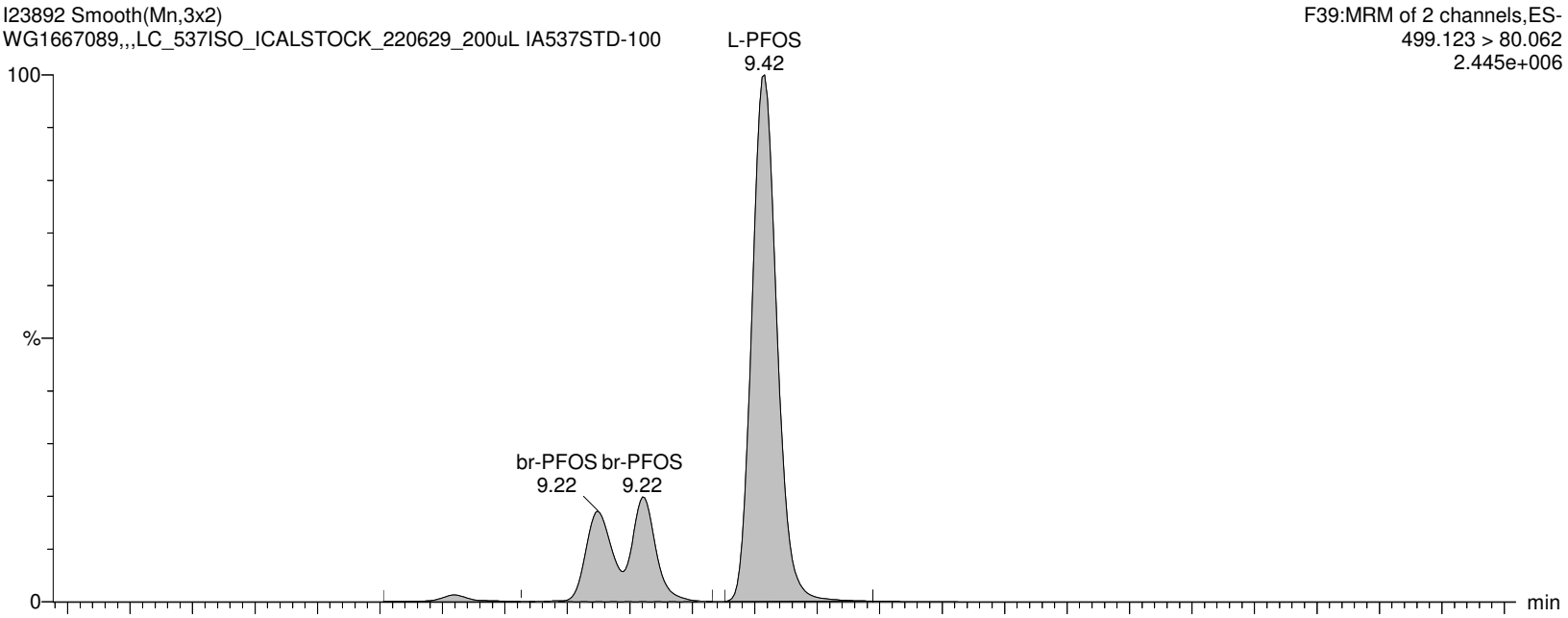


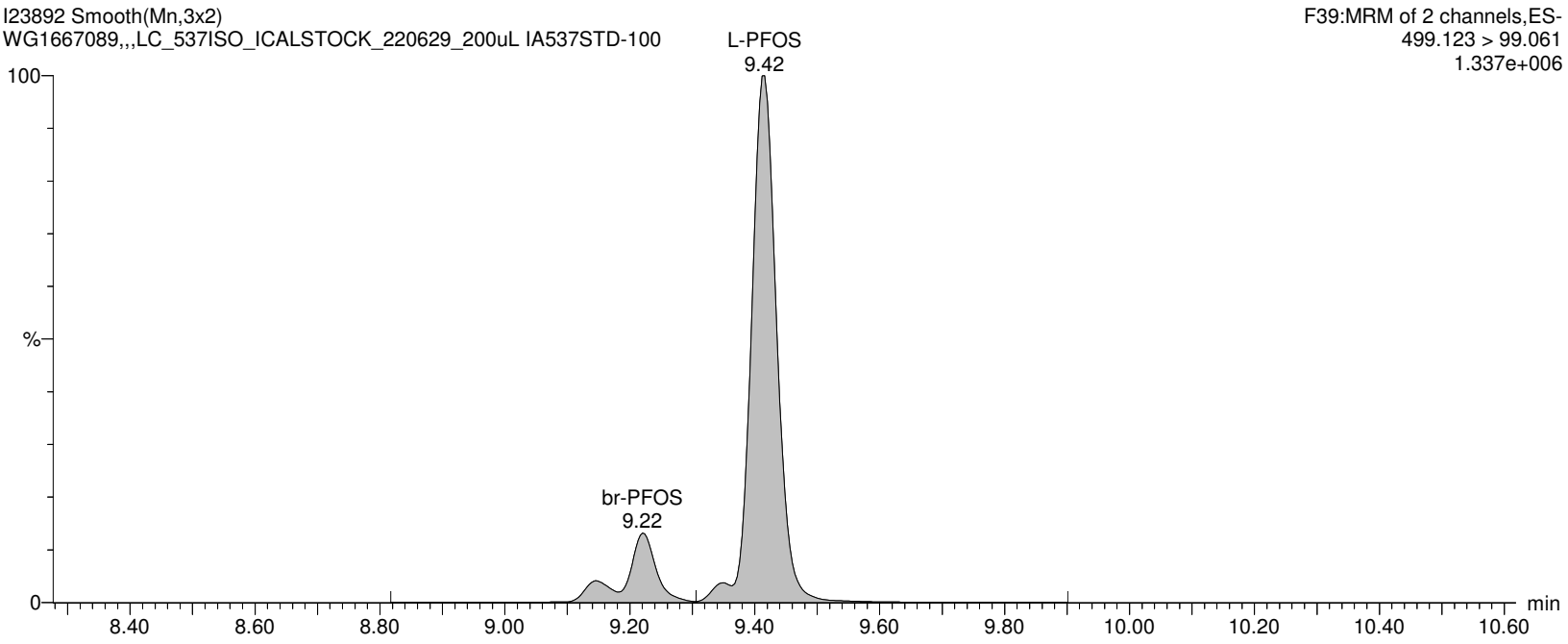
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFOS



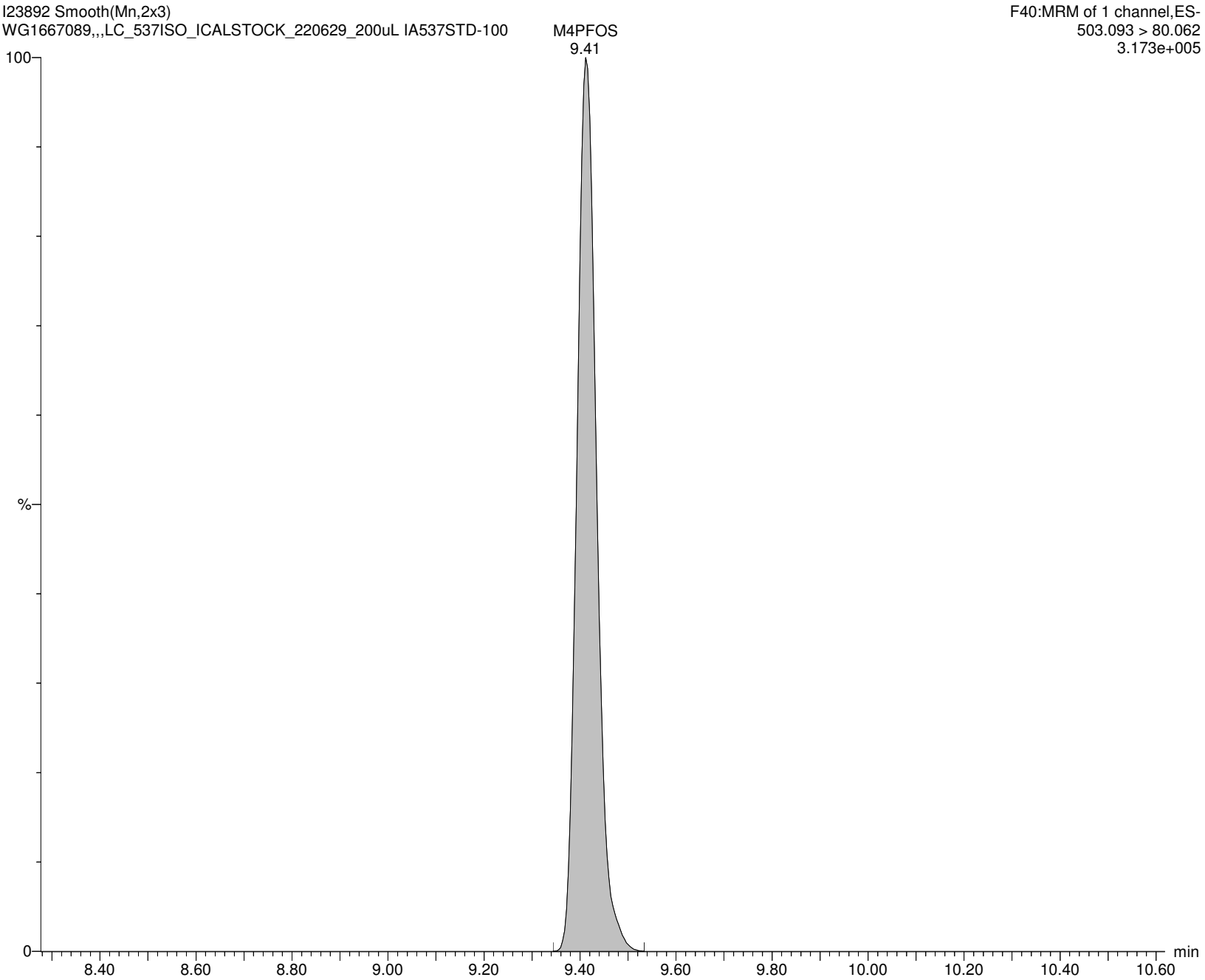


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M4PFOS

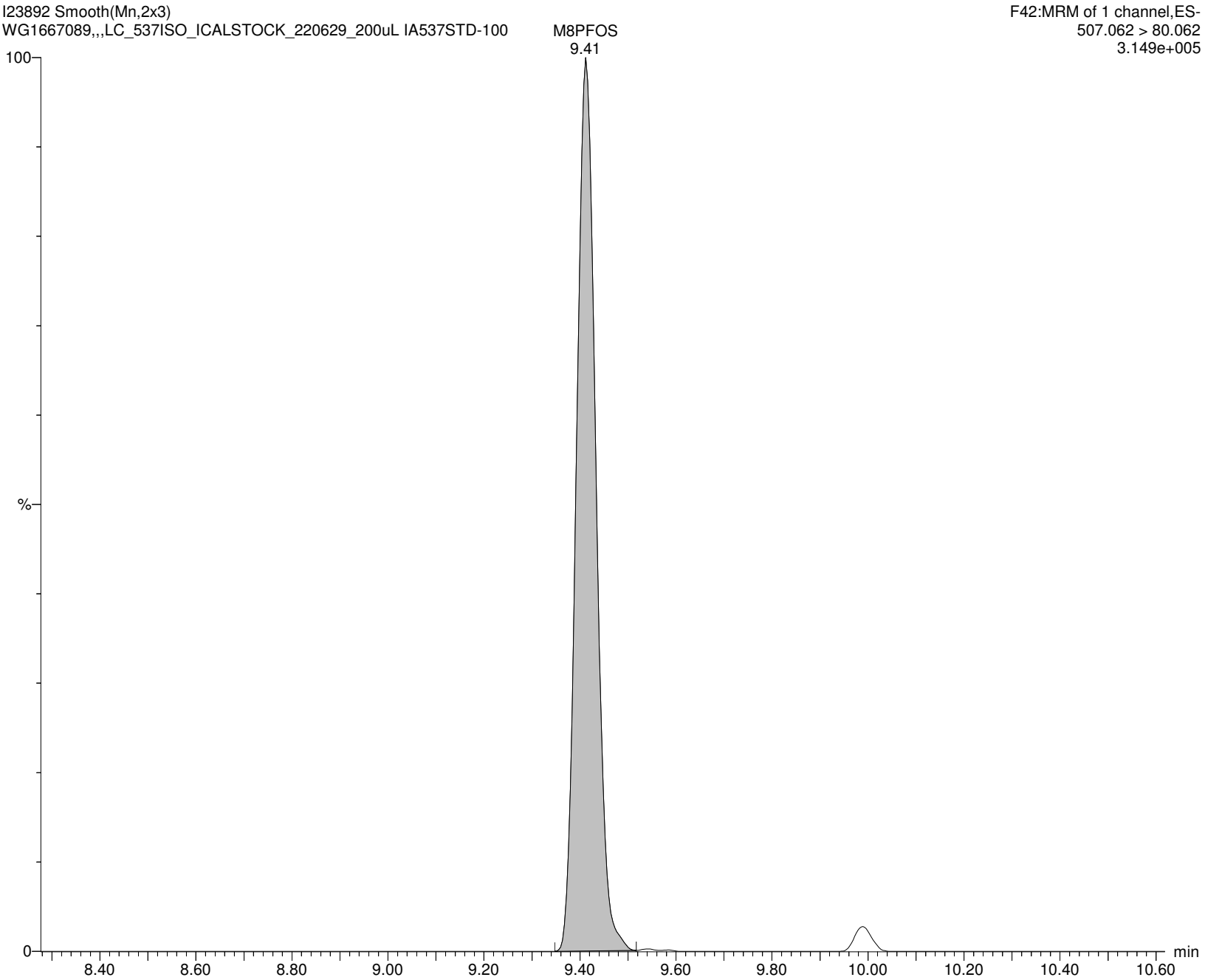


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M8PFOS

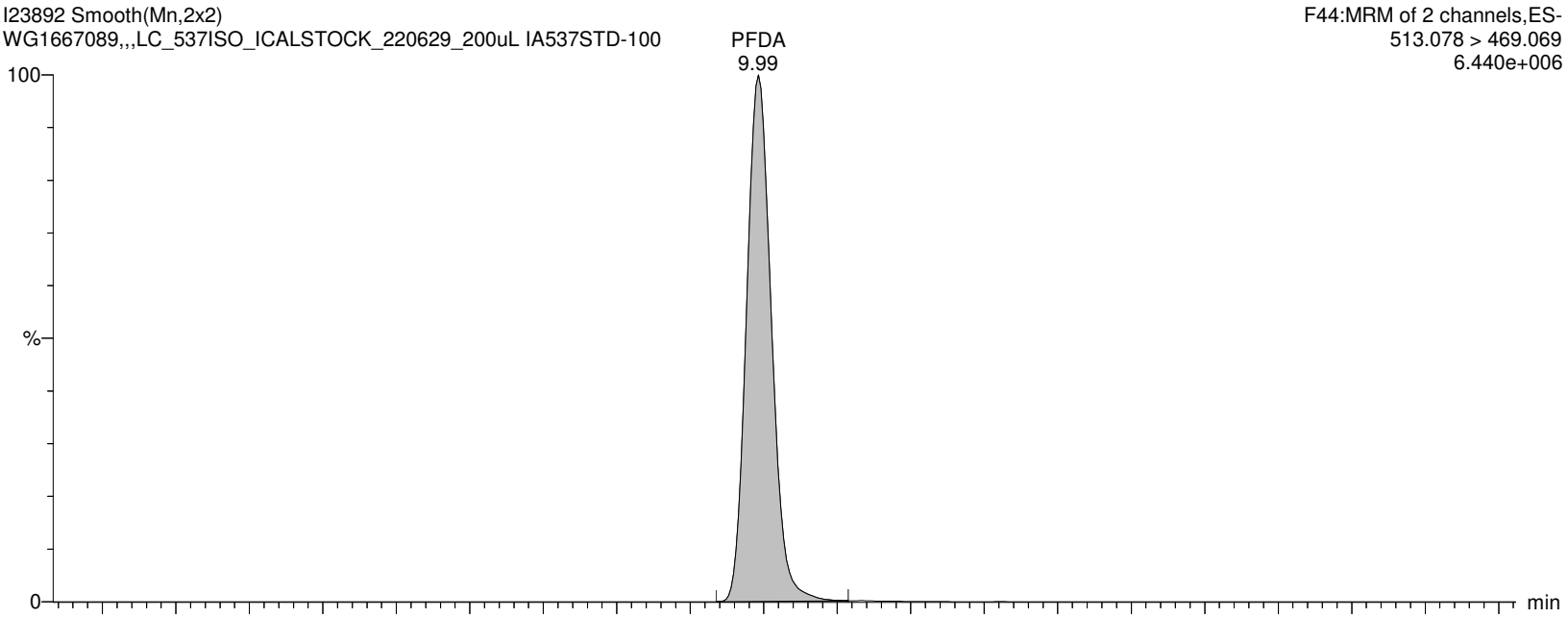


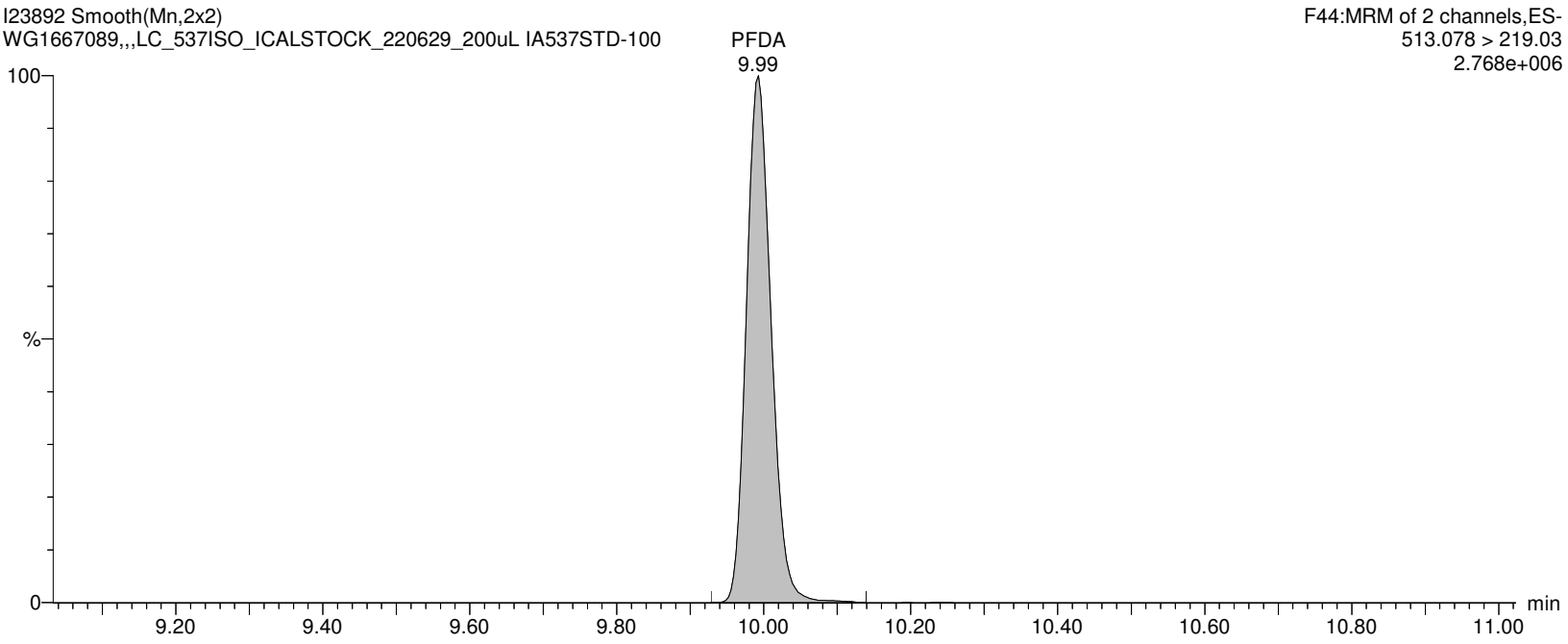
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFDA



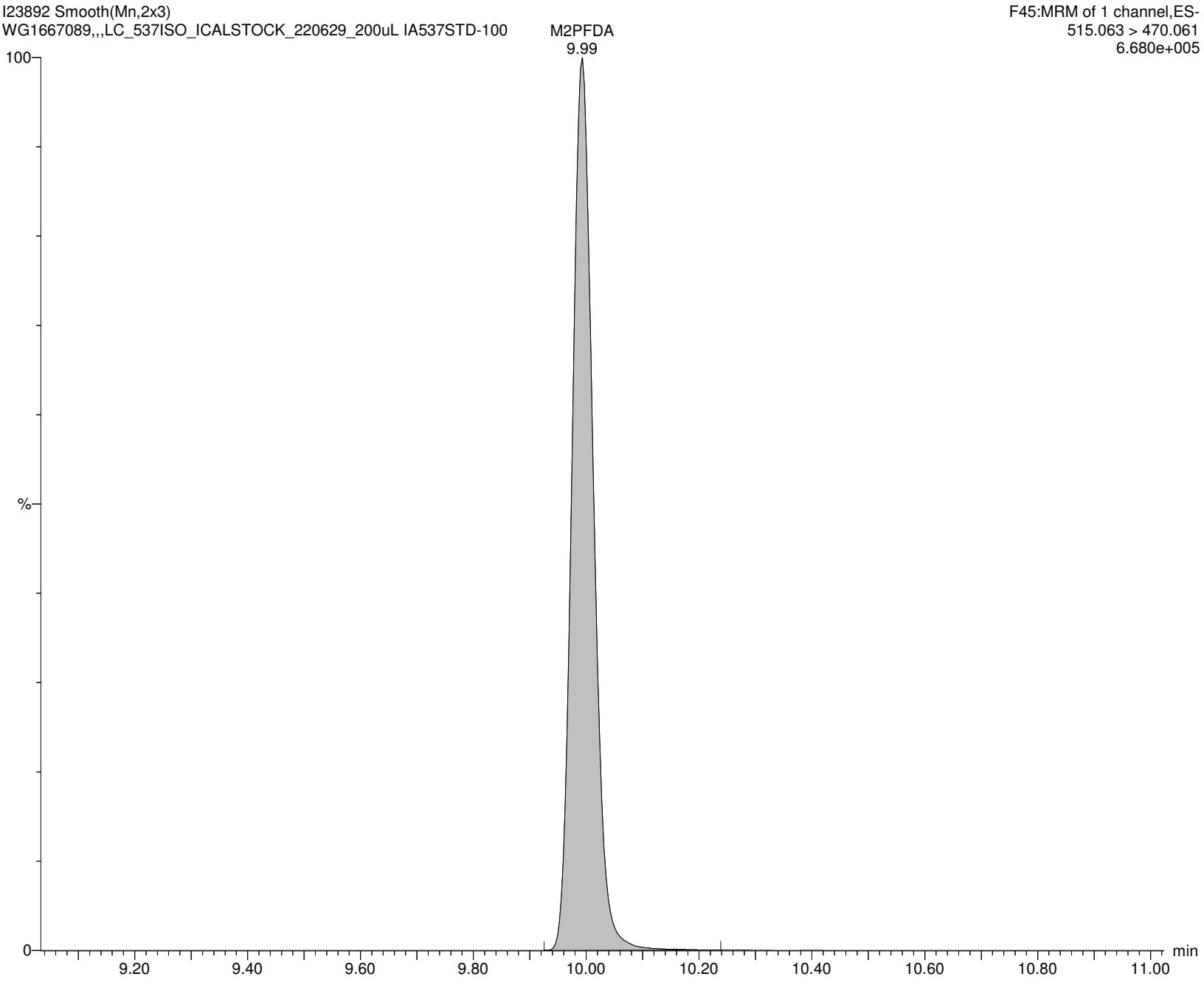


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2PFDA

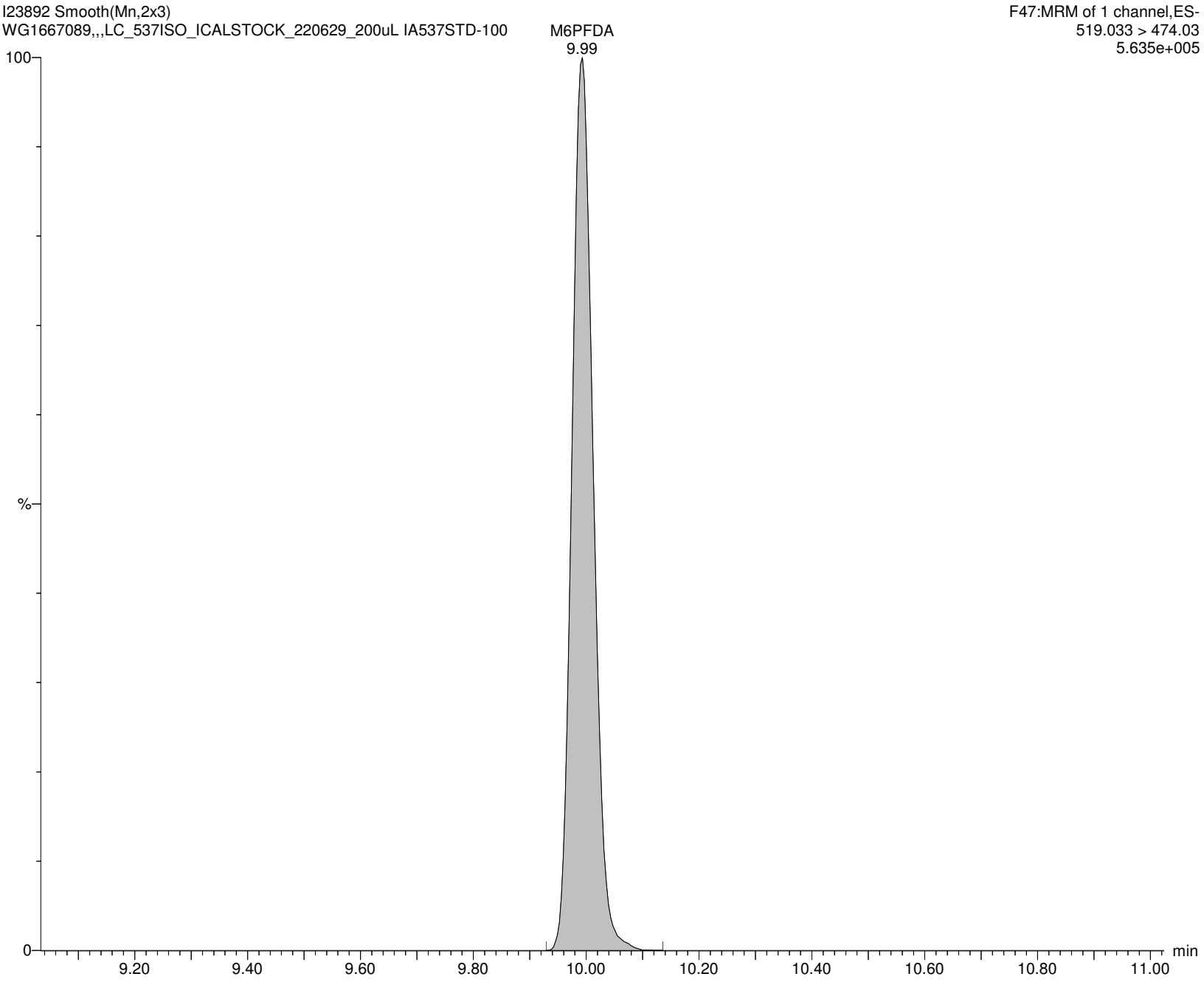


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M6PFDA

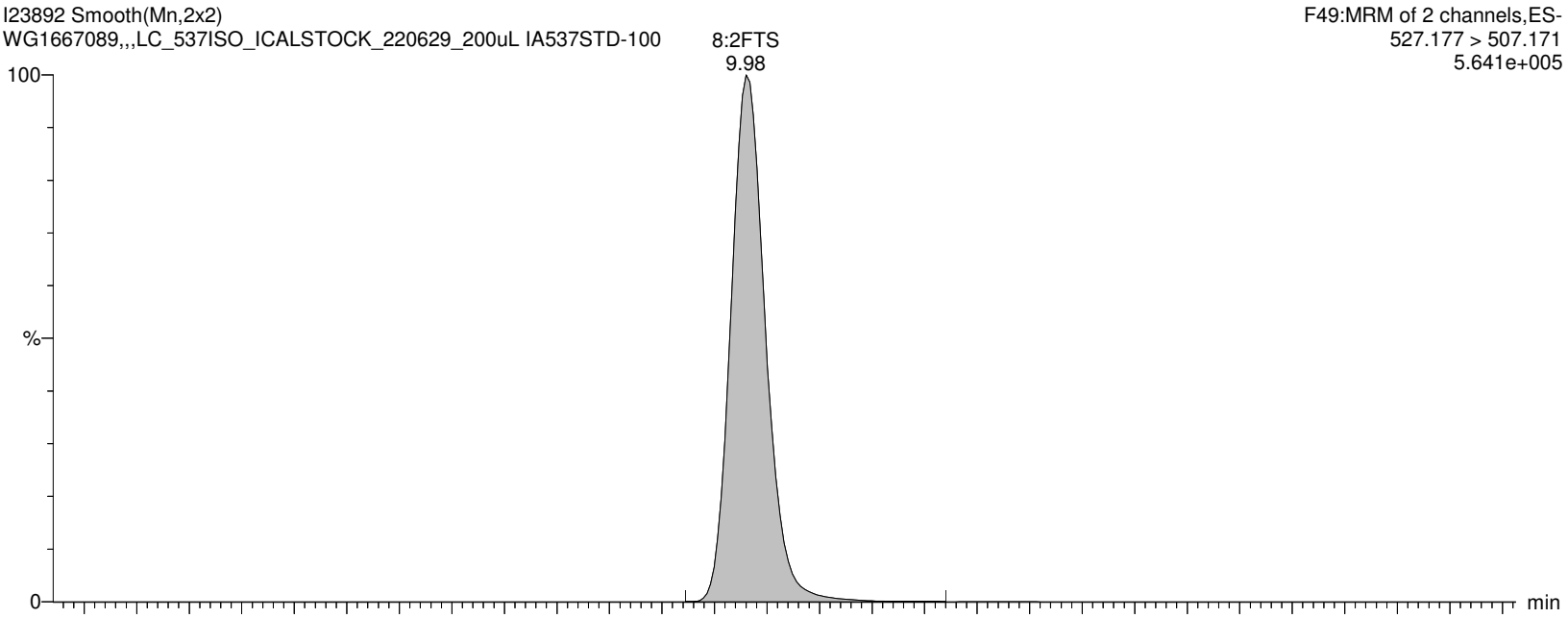


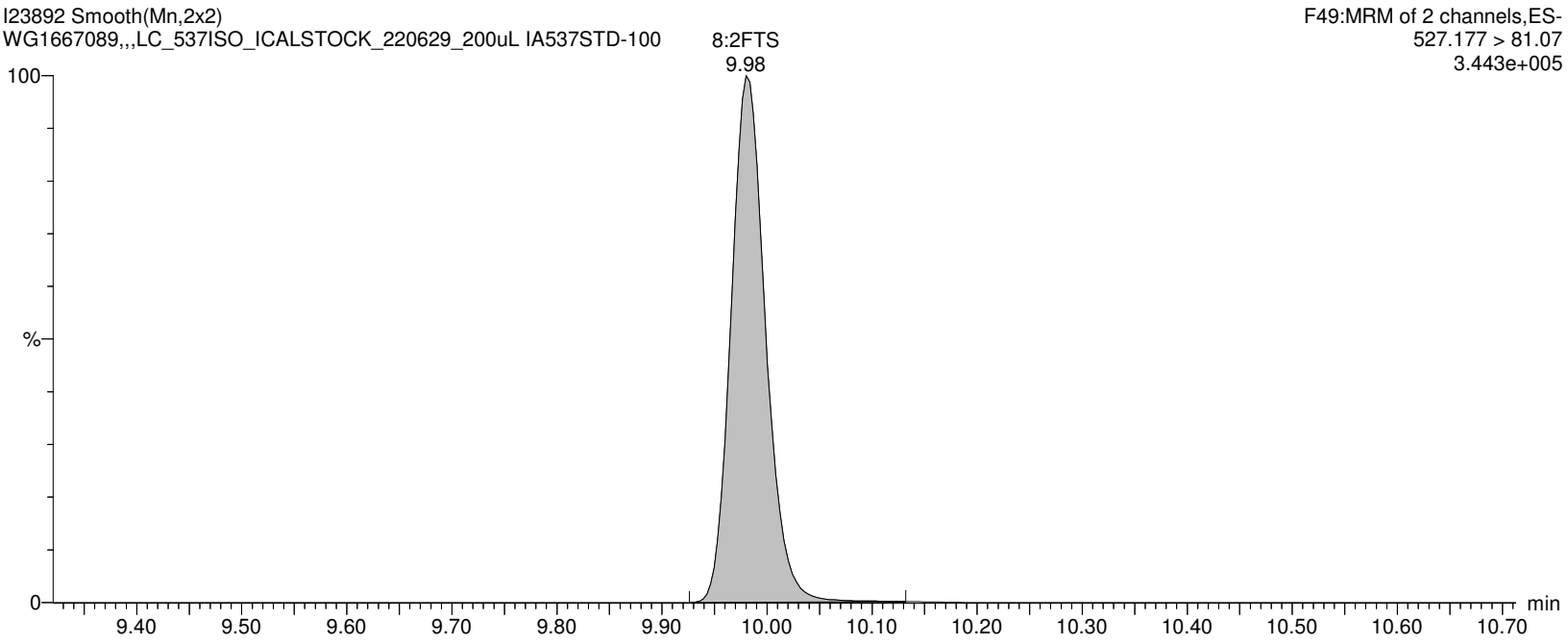
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

8:2FTS



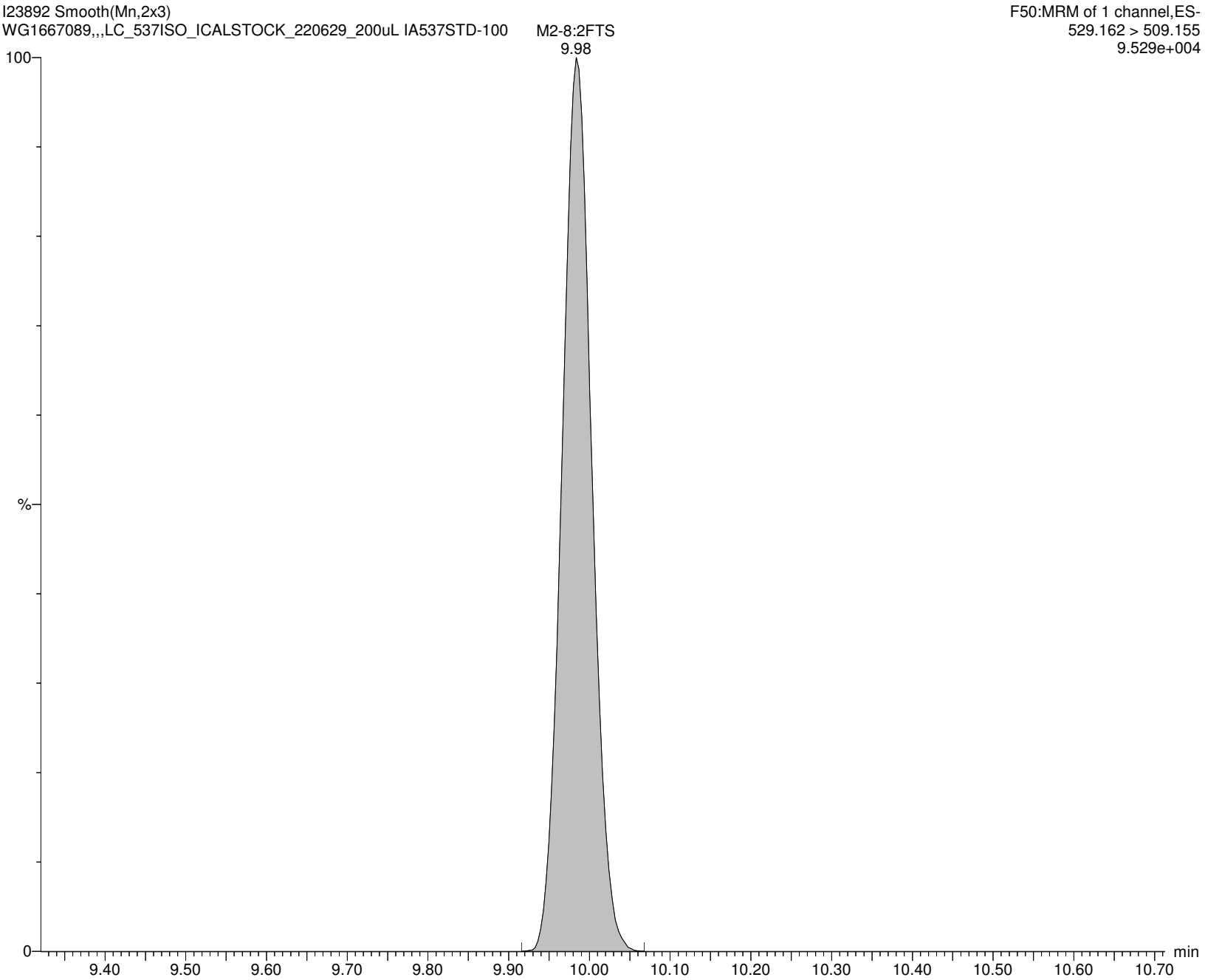


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2-8:2FTS

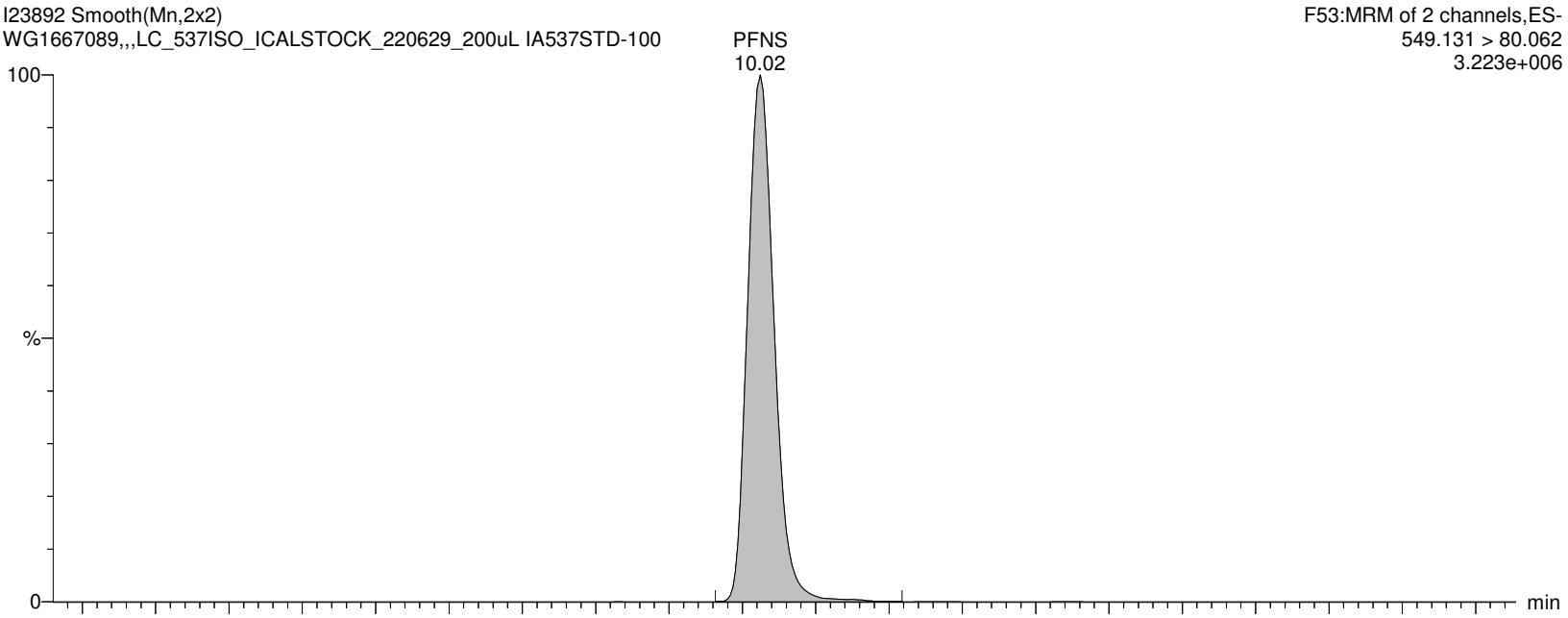


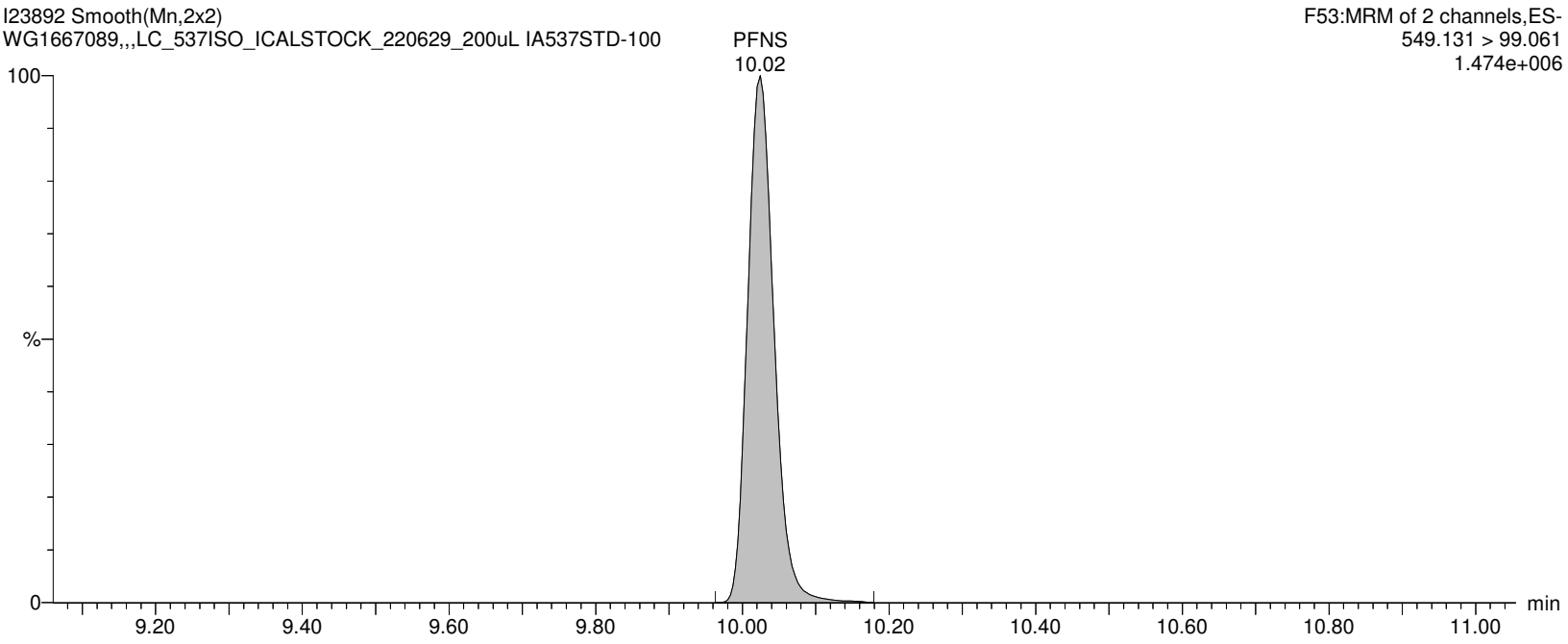
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFNS



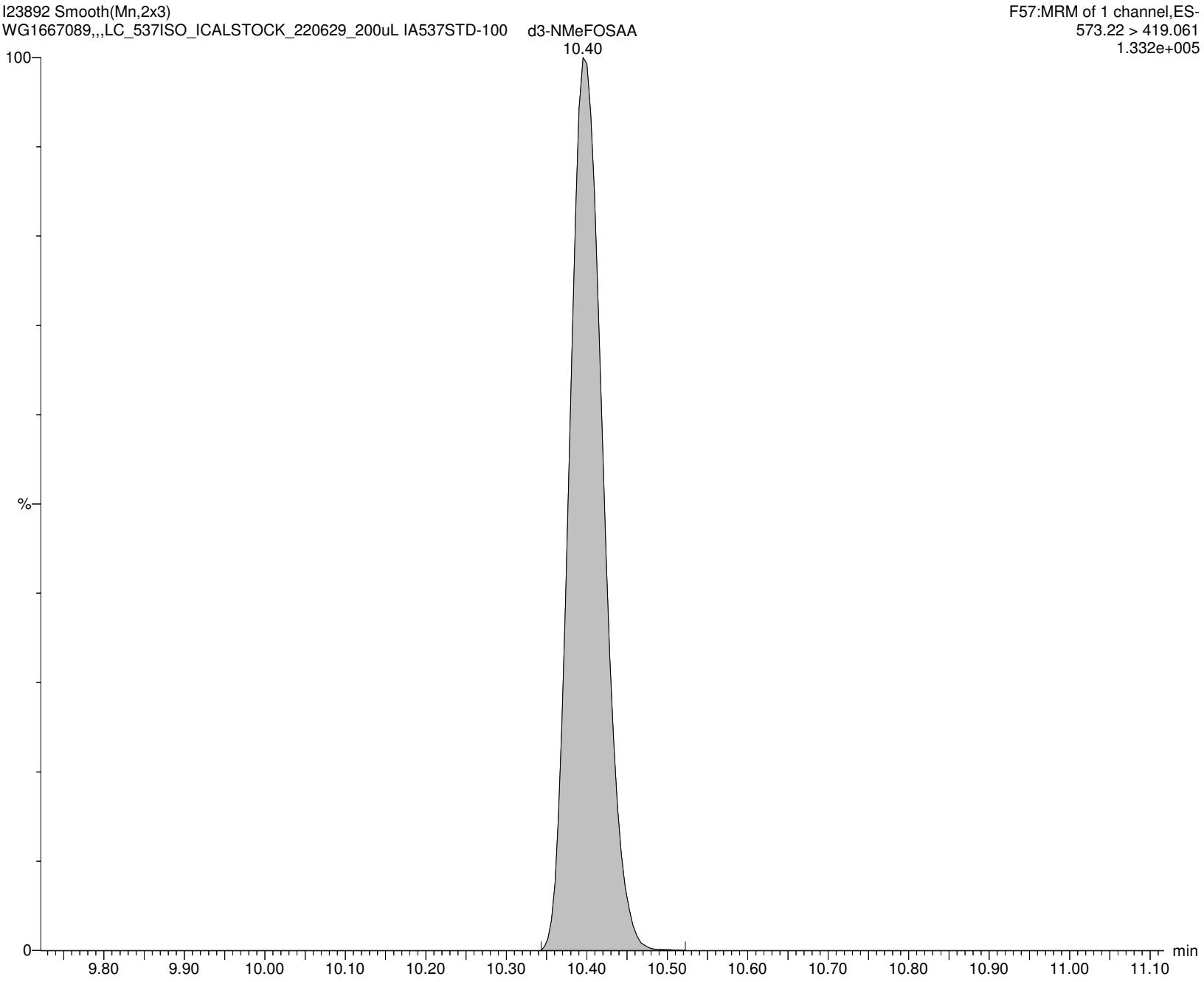


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

d3-NMeFOSAA

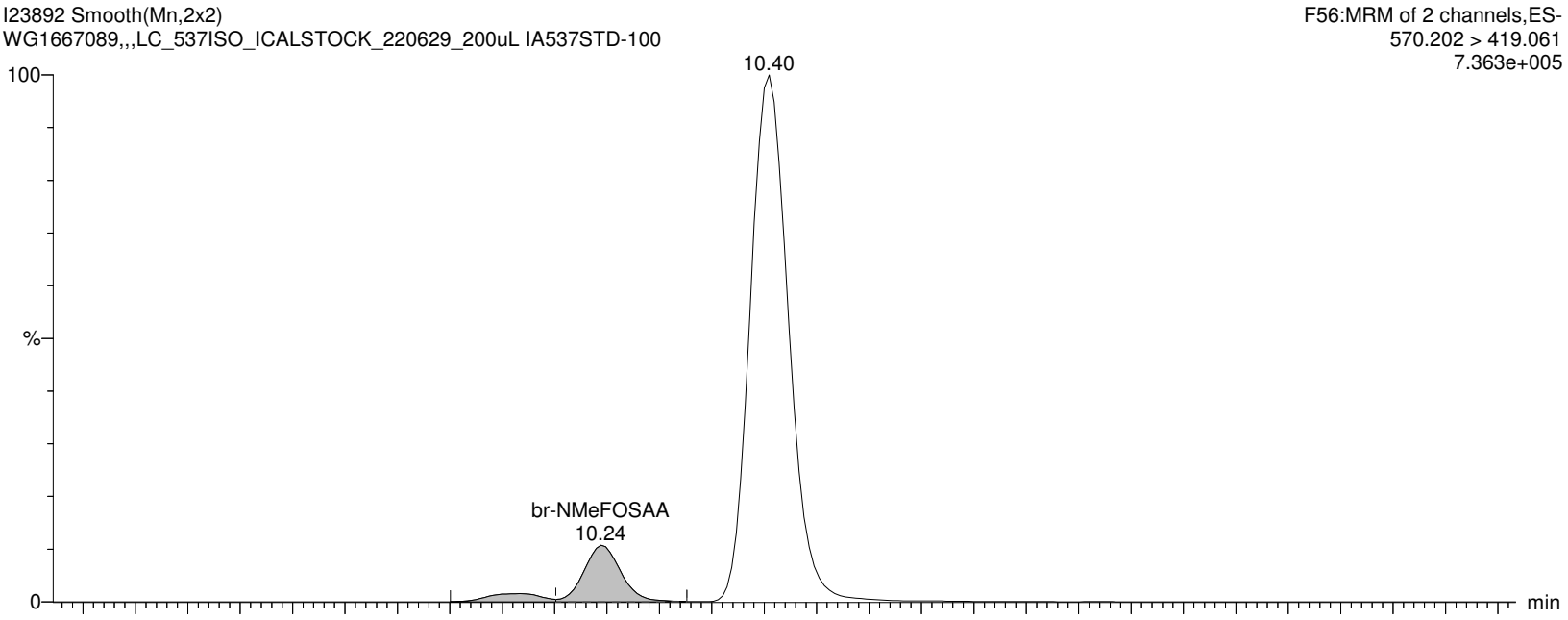


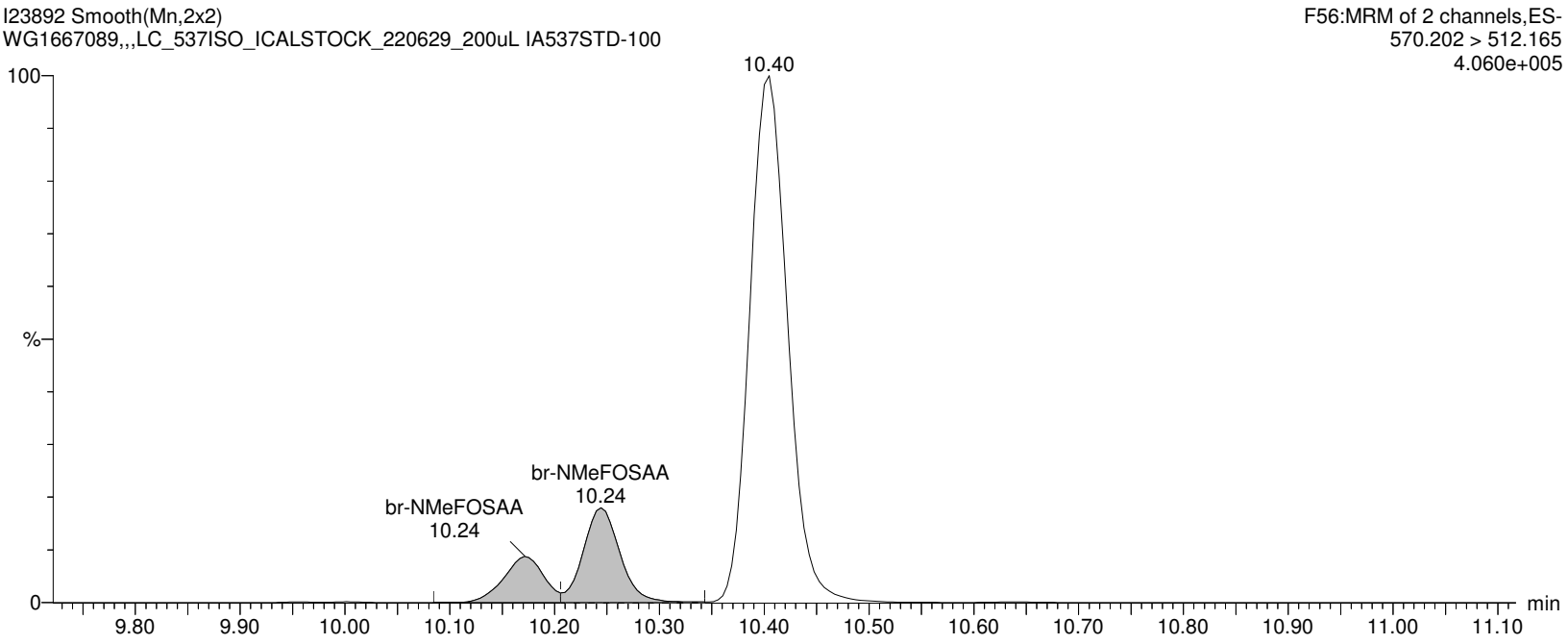
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

br-NMeFOSAA



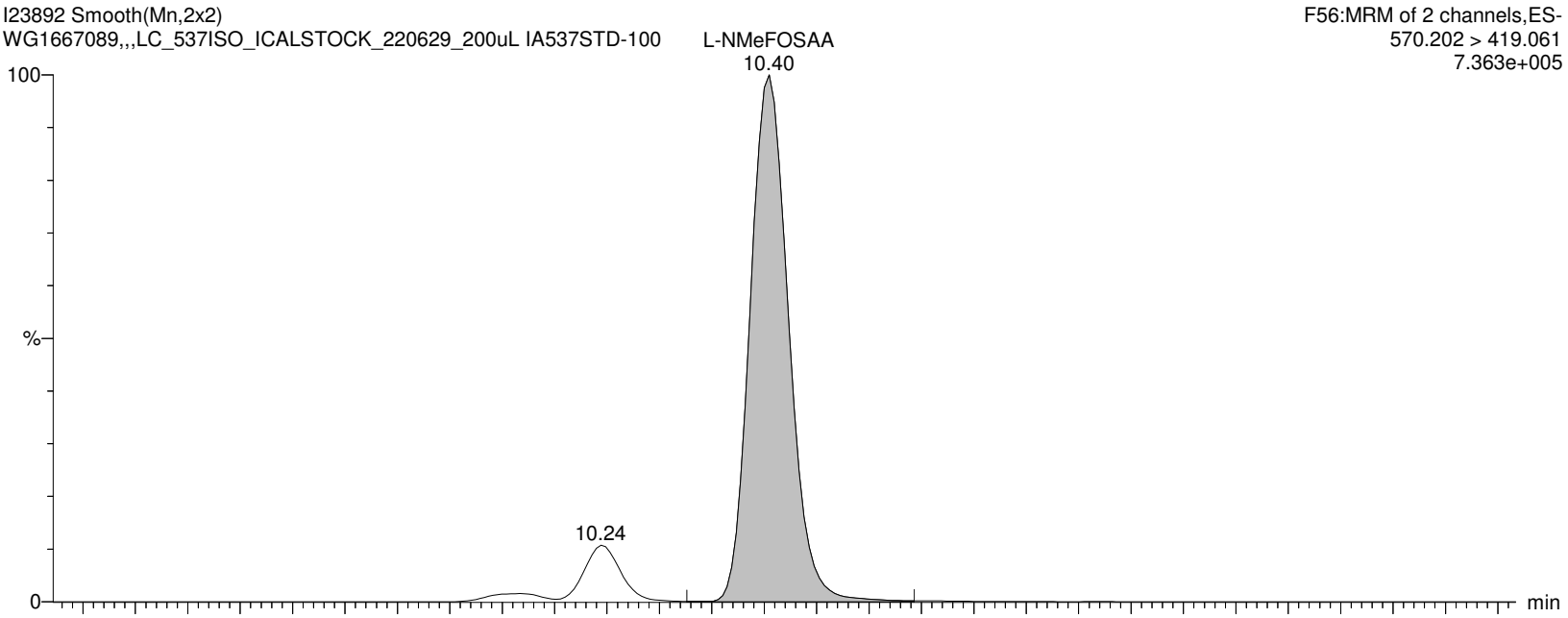


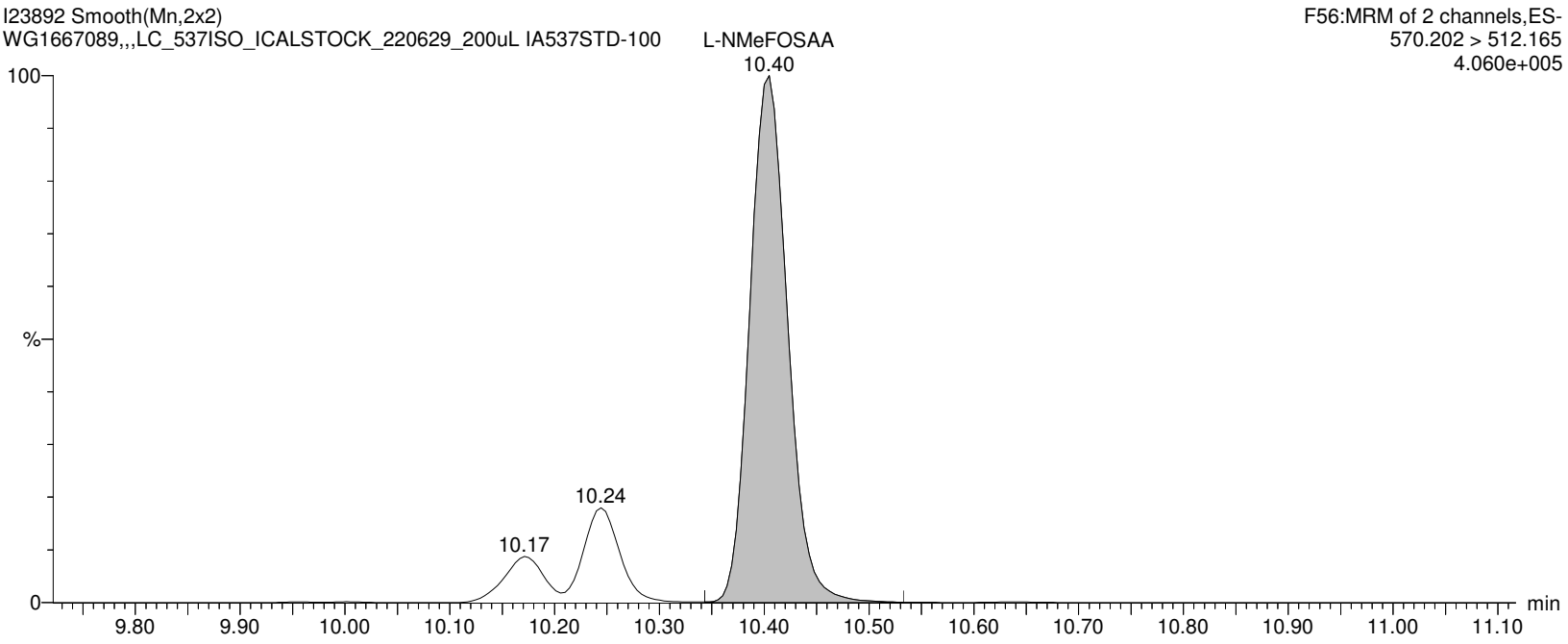
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

L-NMeFOSAA



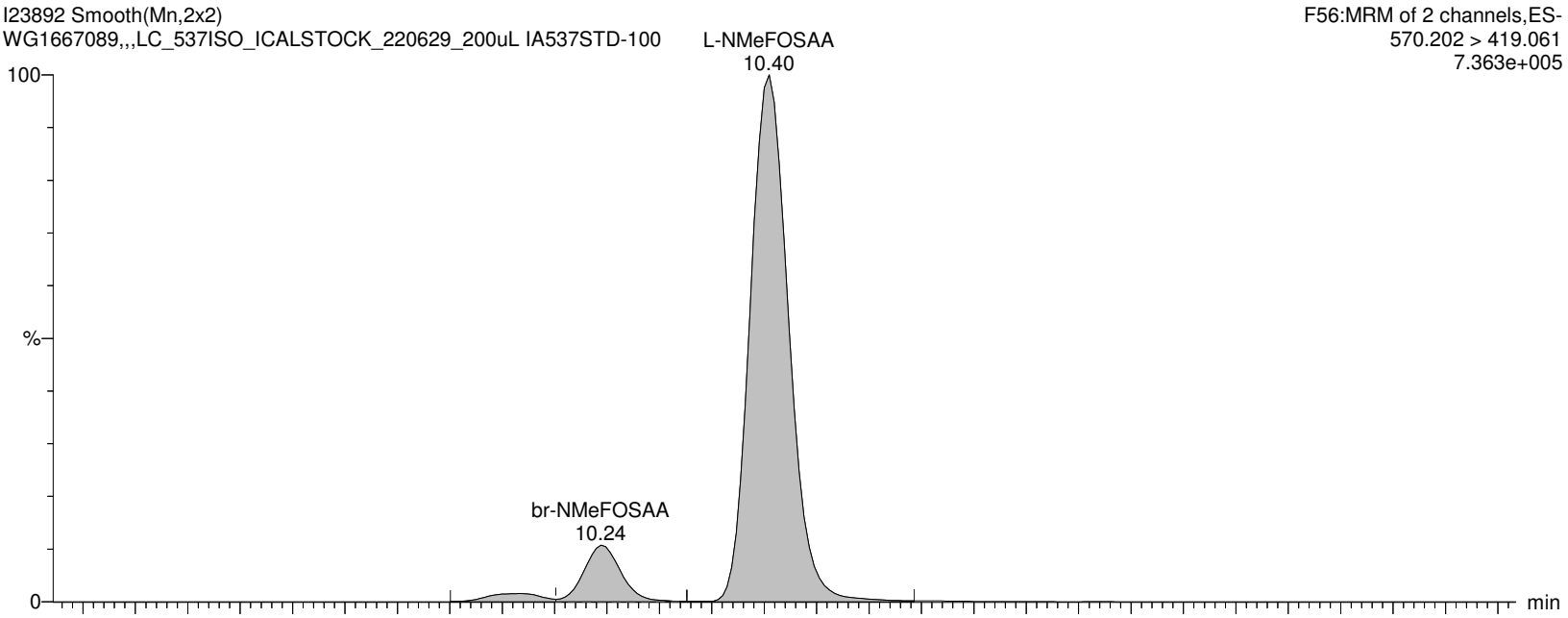


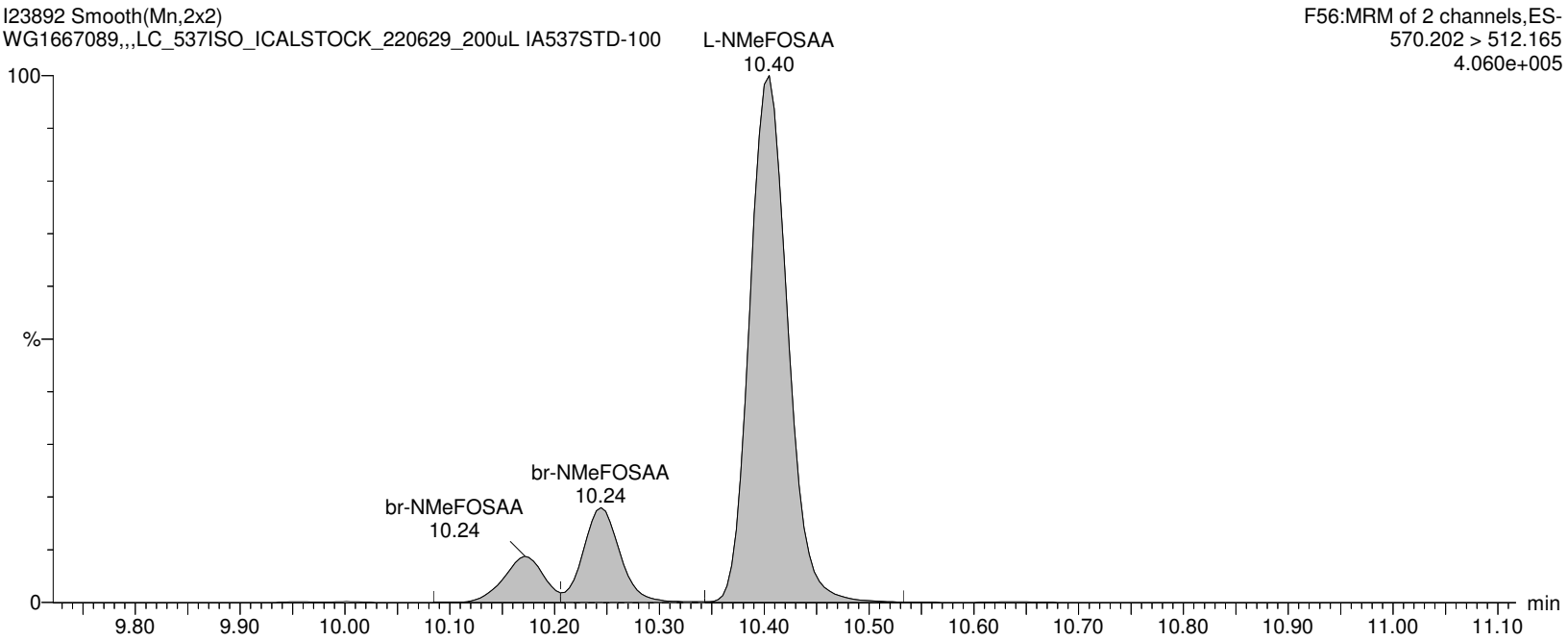
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NMeFOSAA



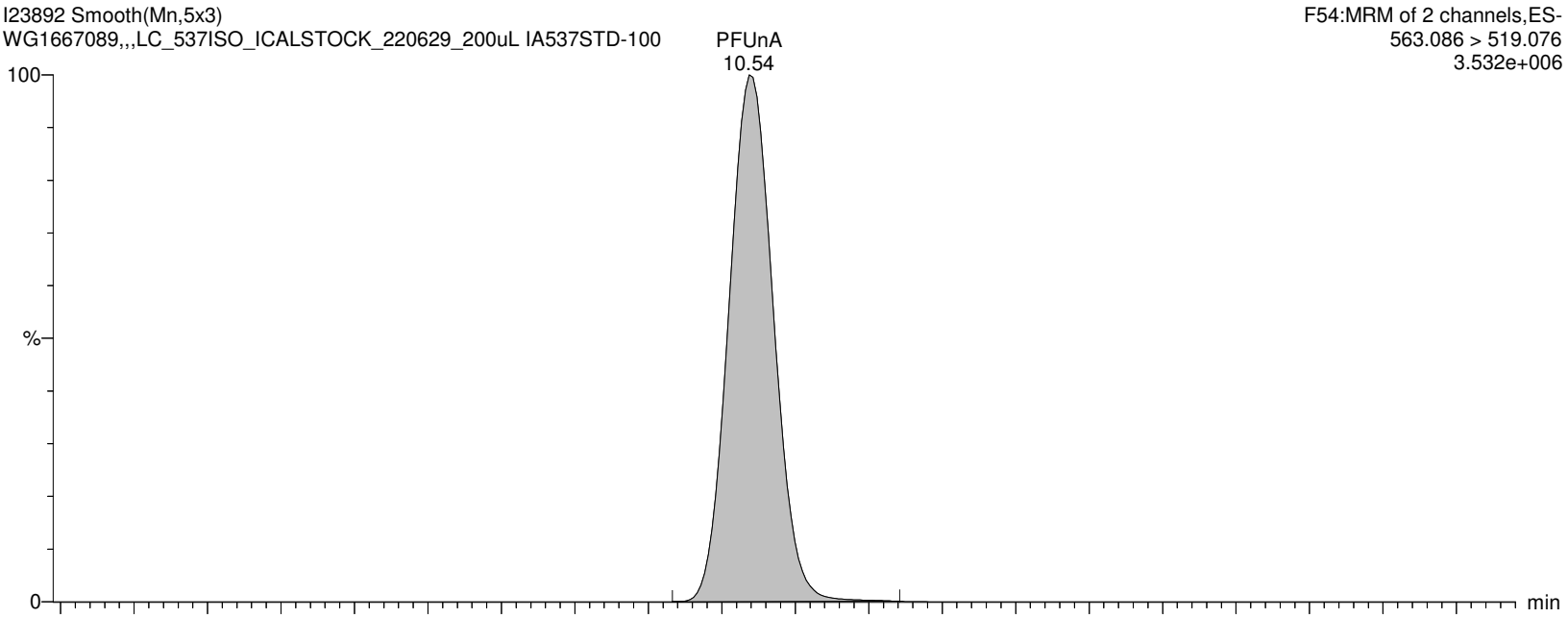


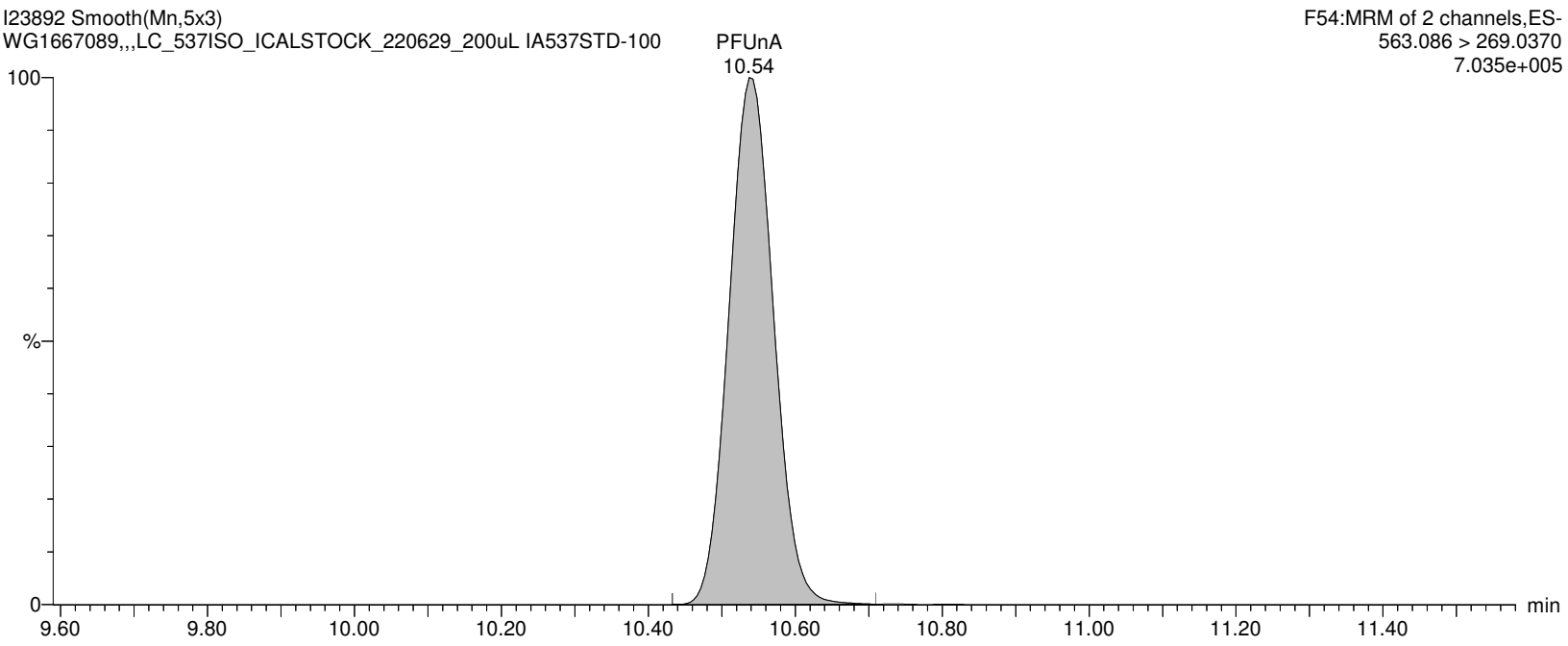
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFUnA



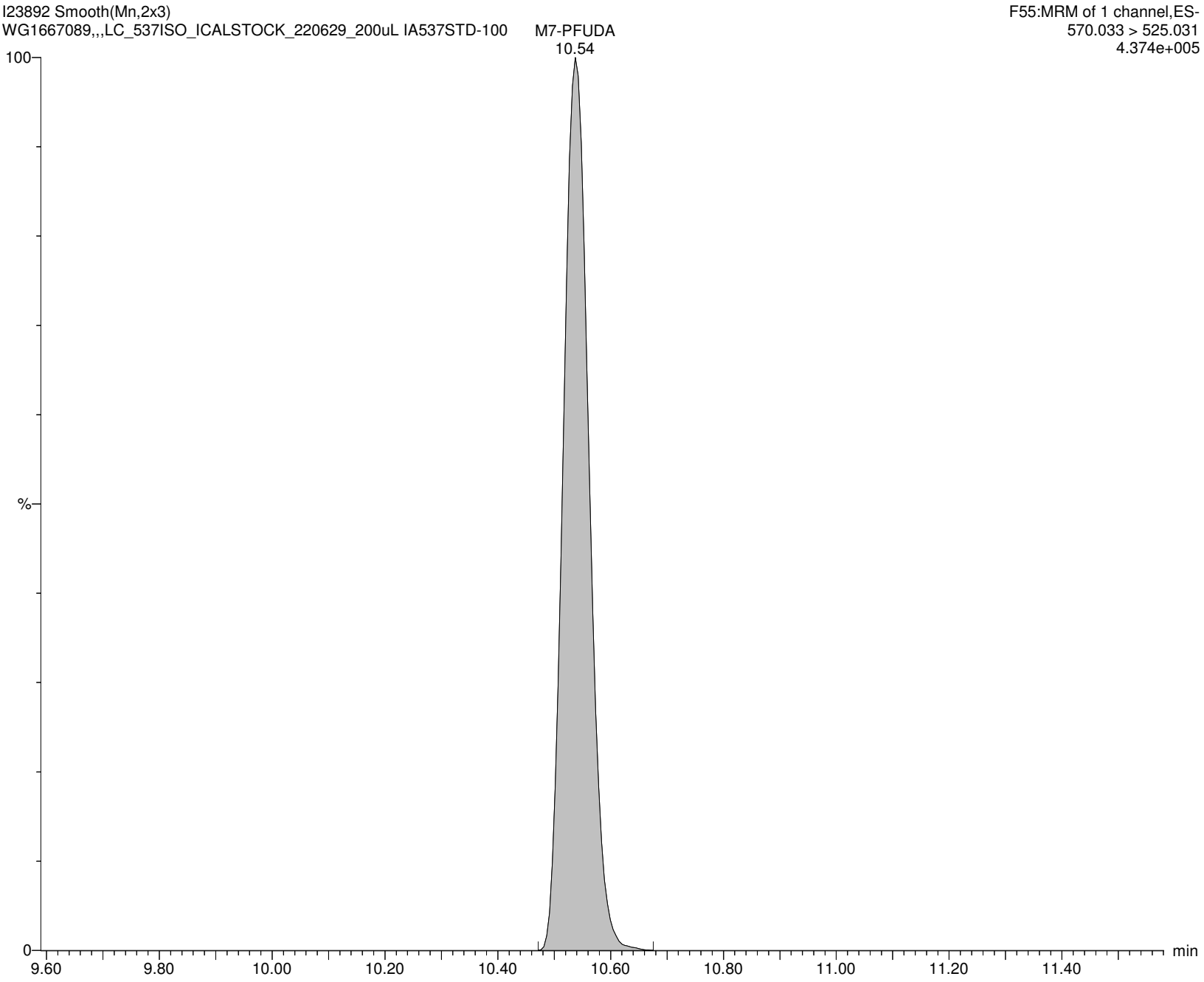


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M7-PFUDA

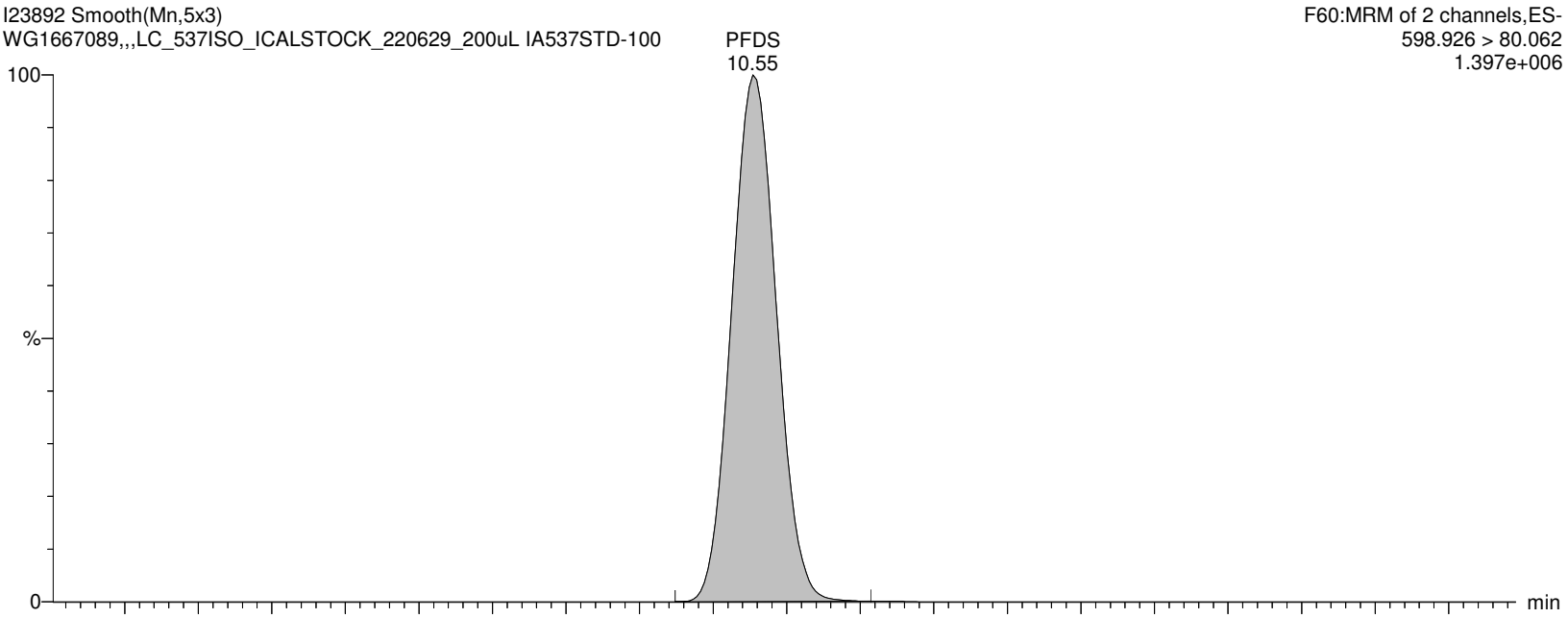


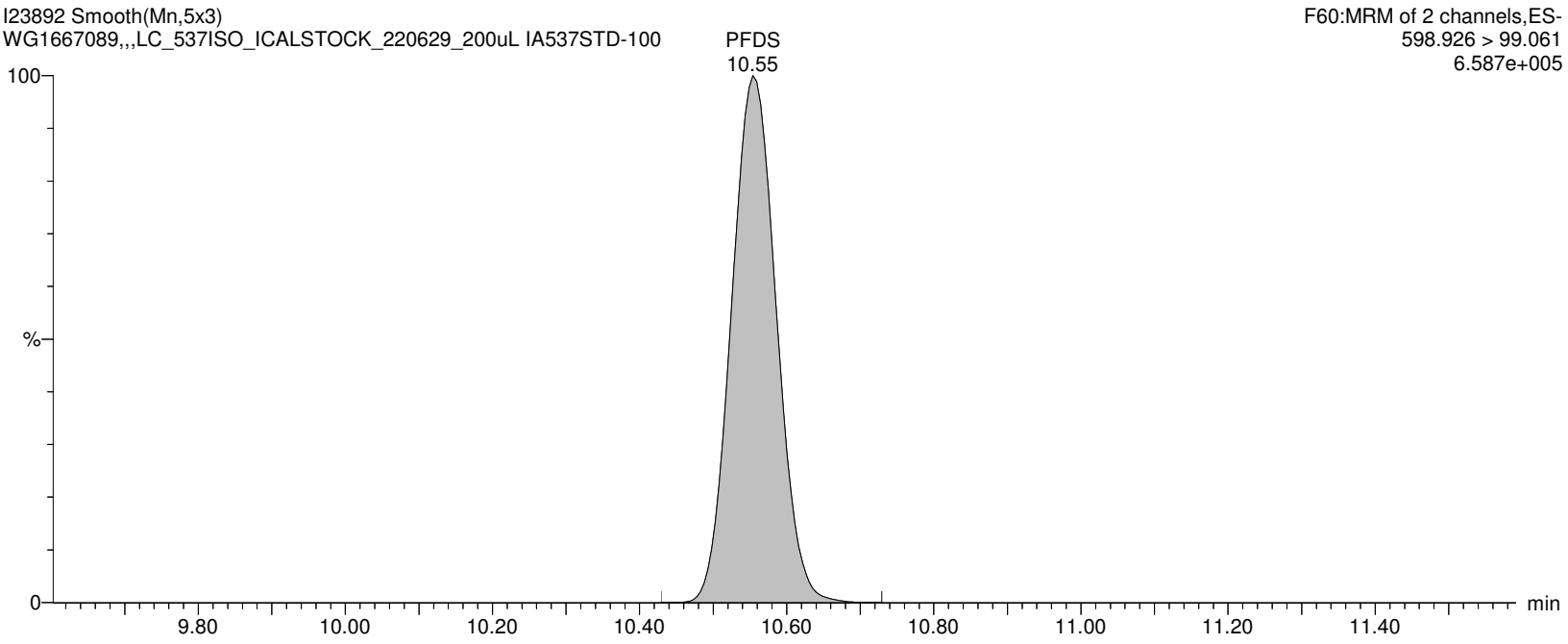
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFDS



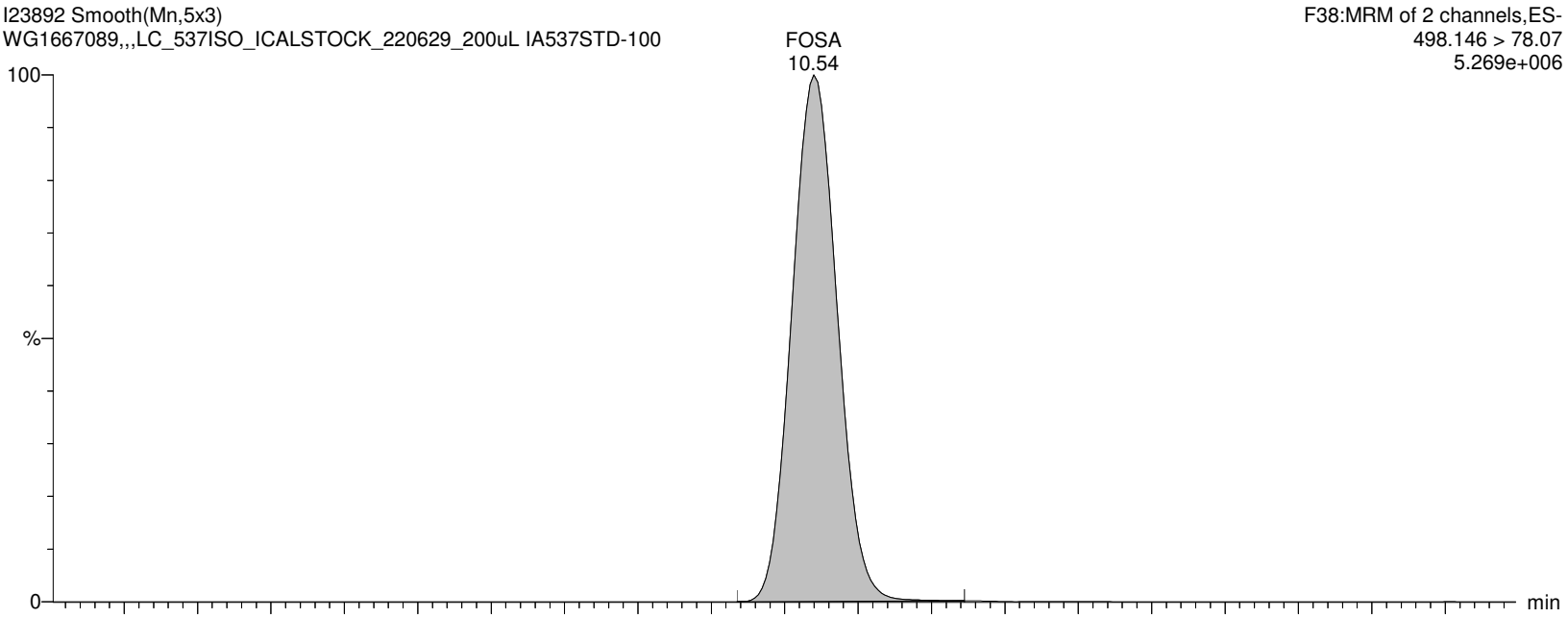


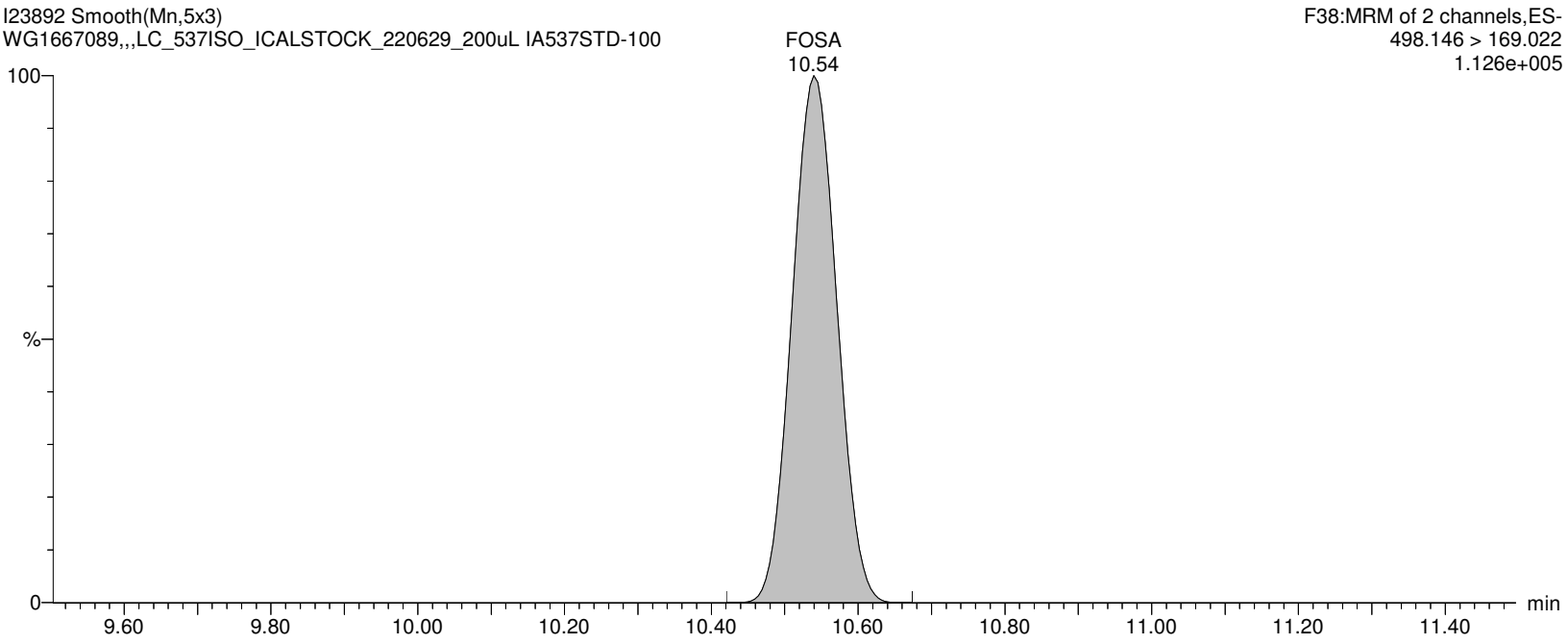
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

FOSA



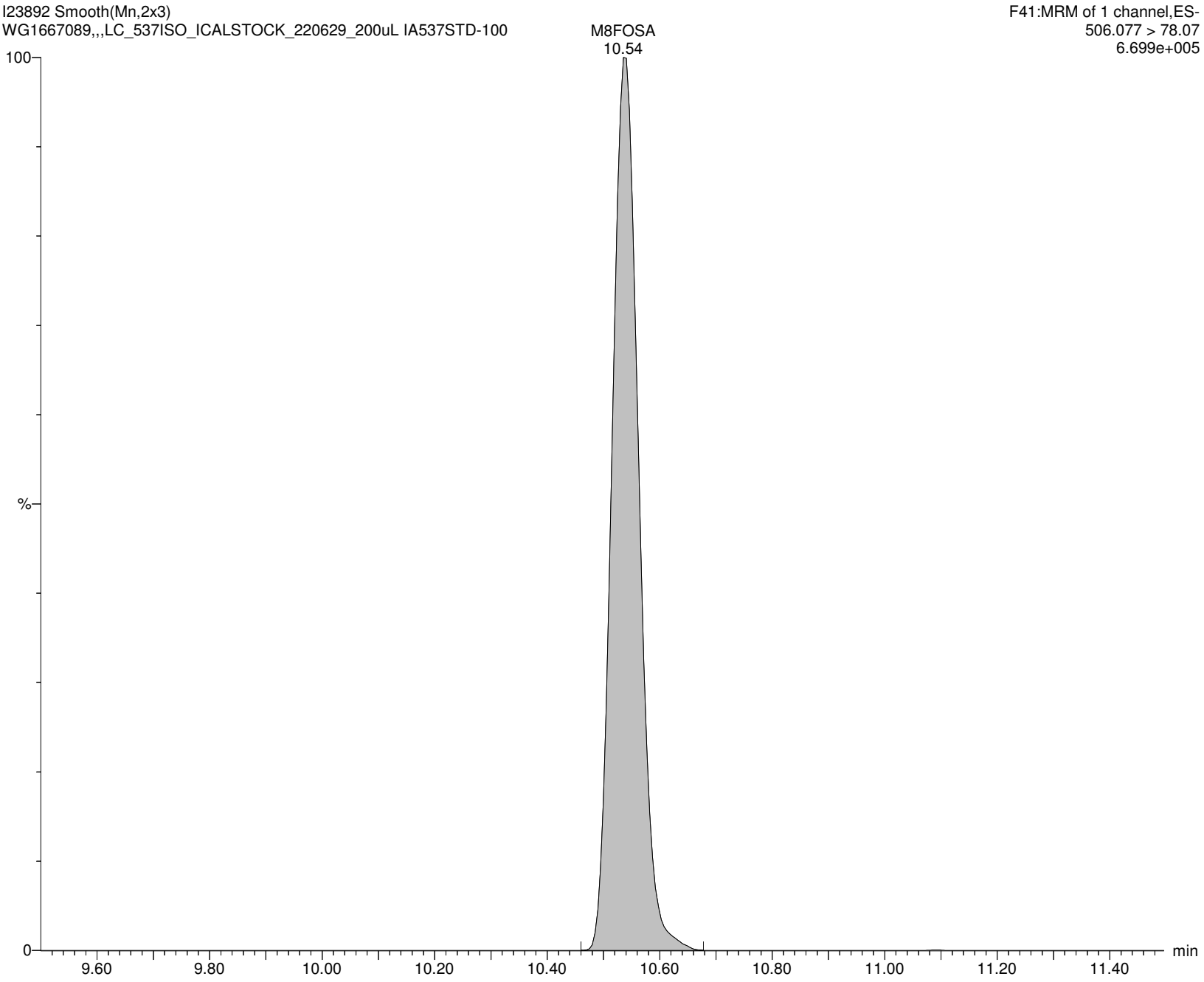


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M8FOSA

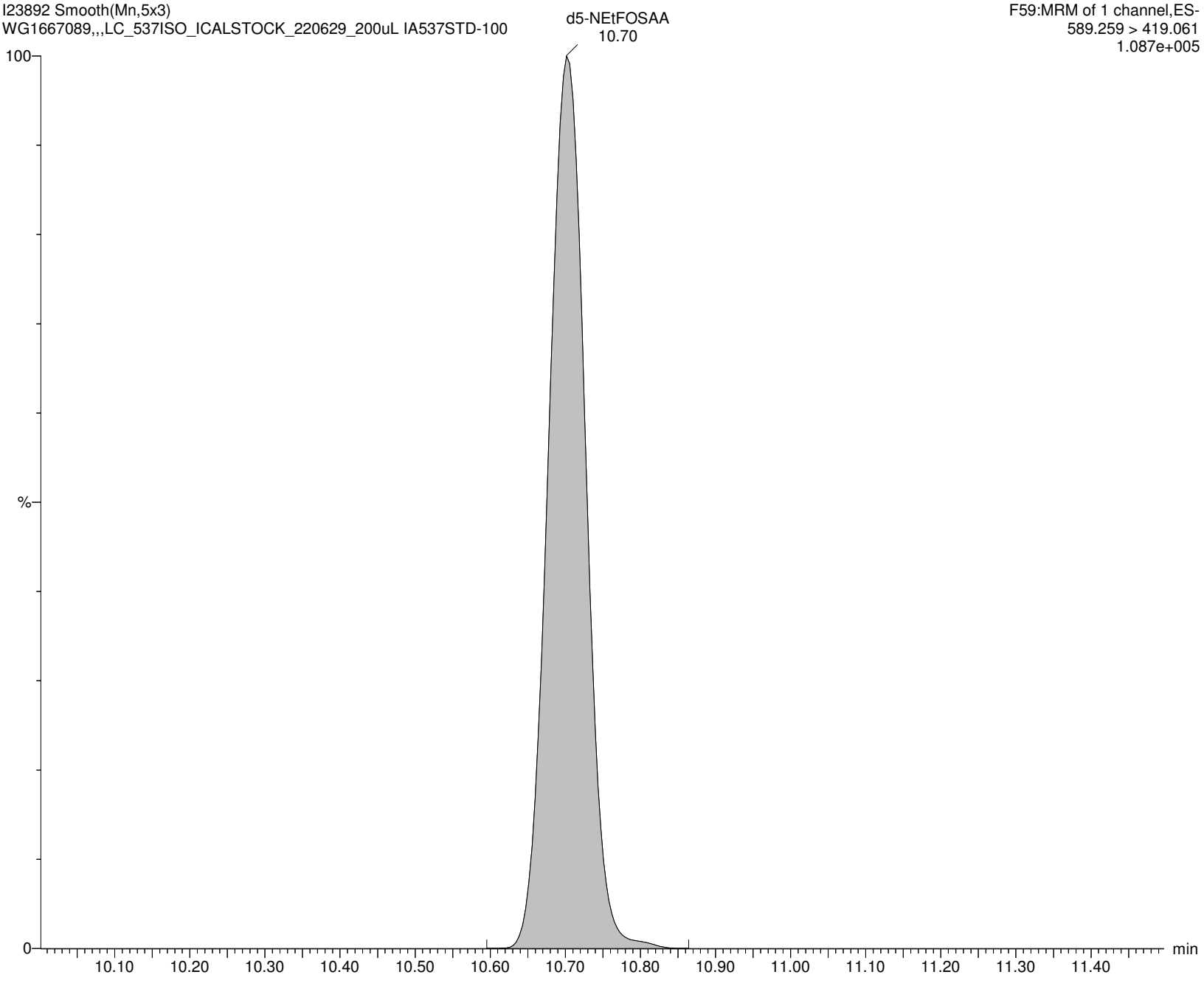


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

d5-NEtFOSAA

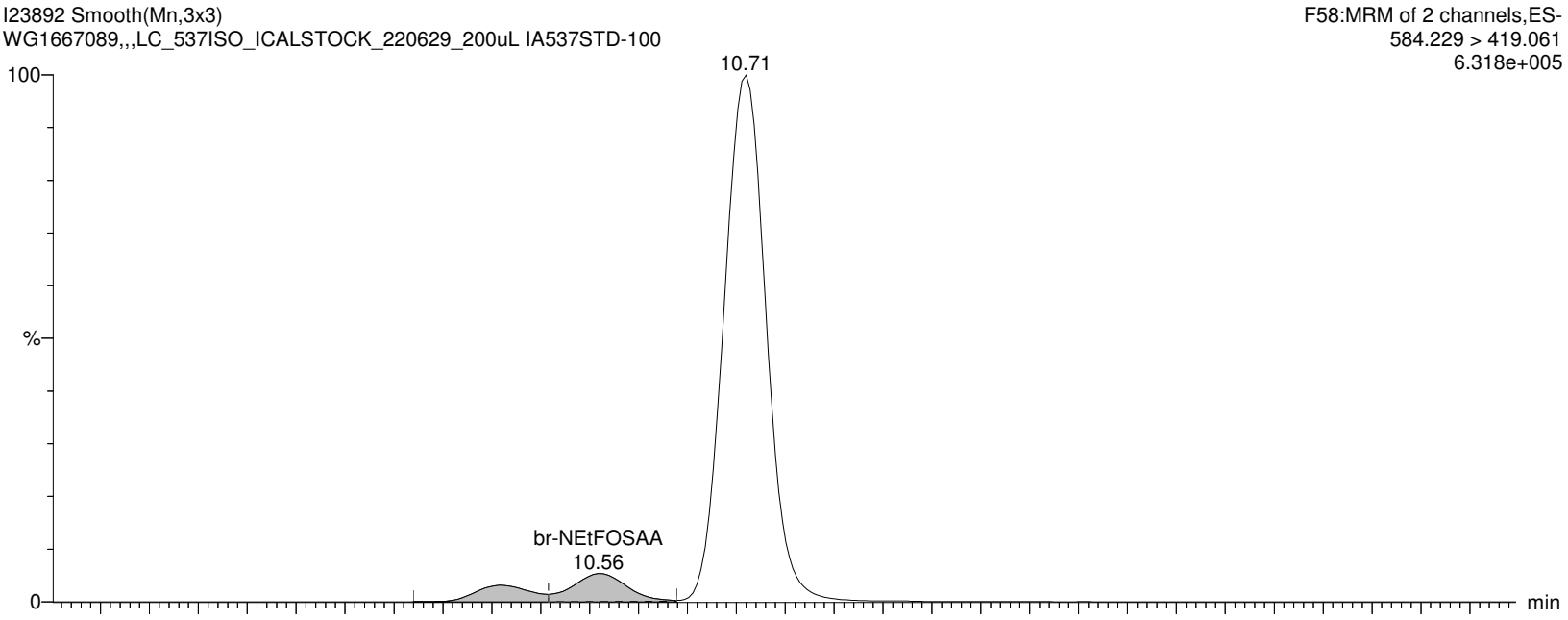


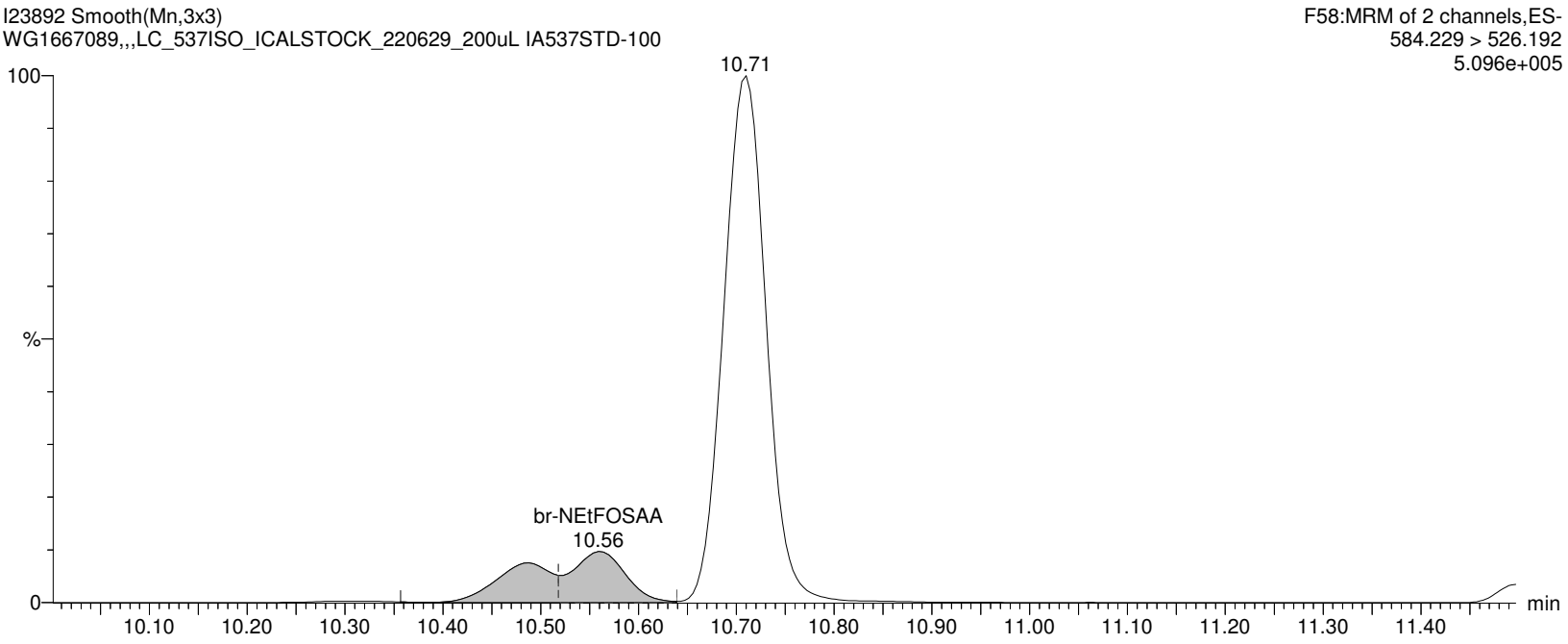
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

br-NEtFOSAA



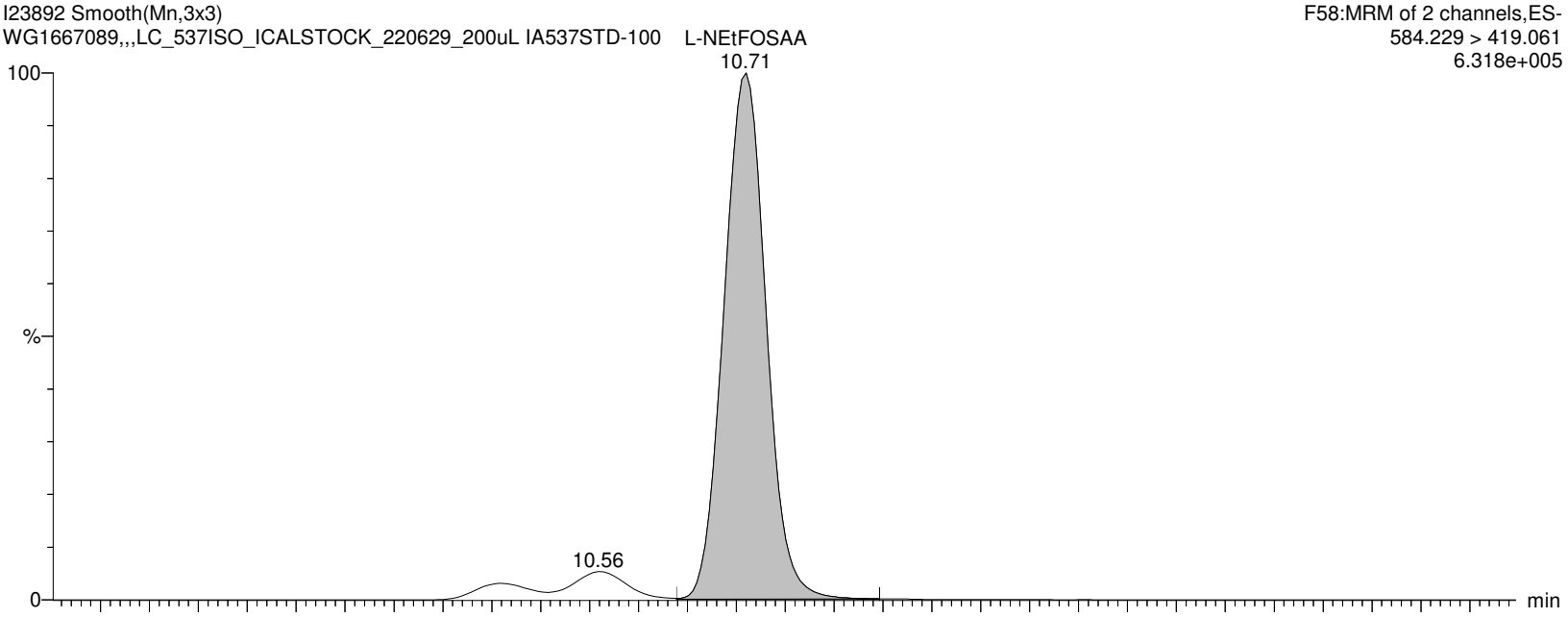


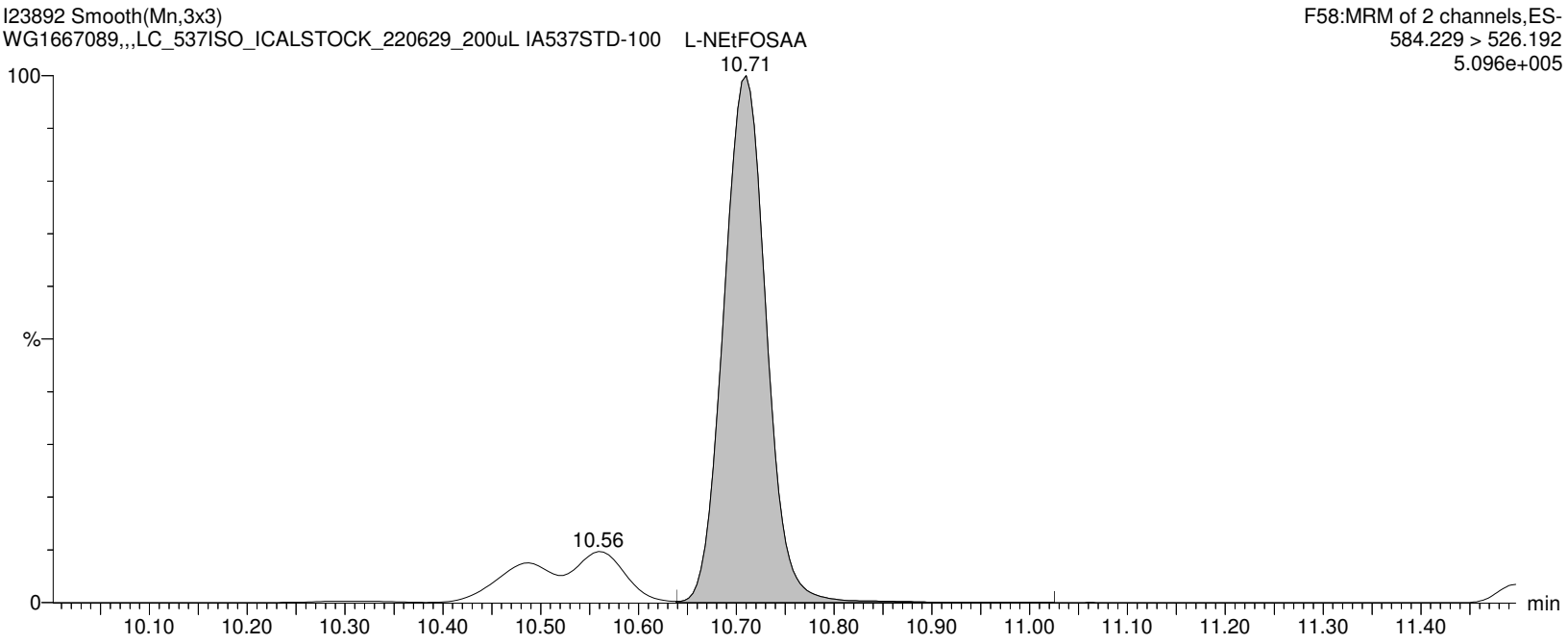
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

L-NEtFOSAA



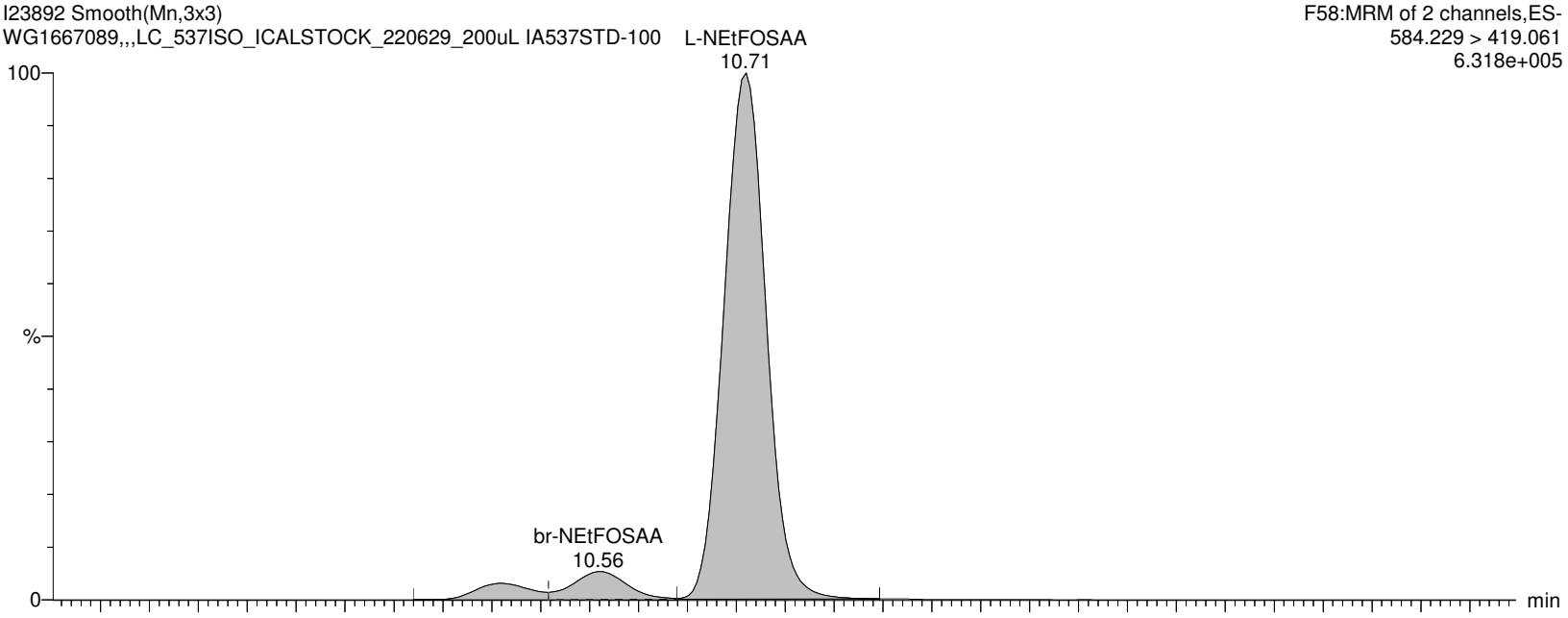


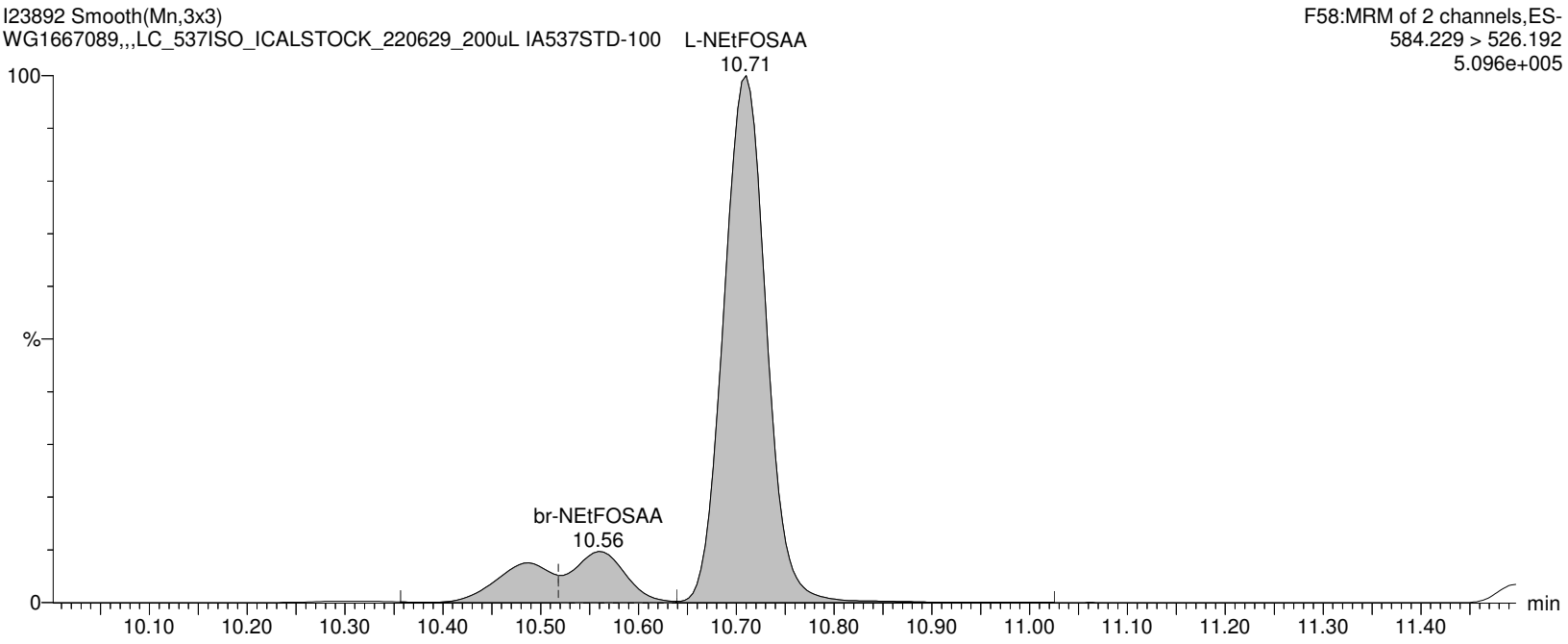
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NEtFOSAA



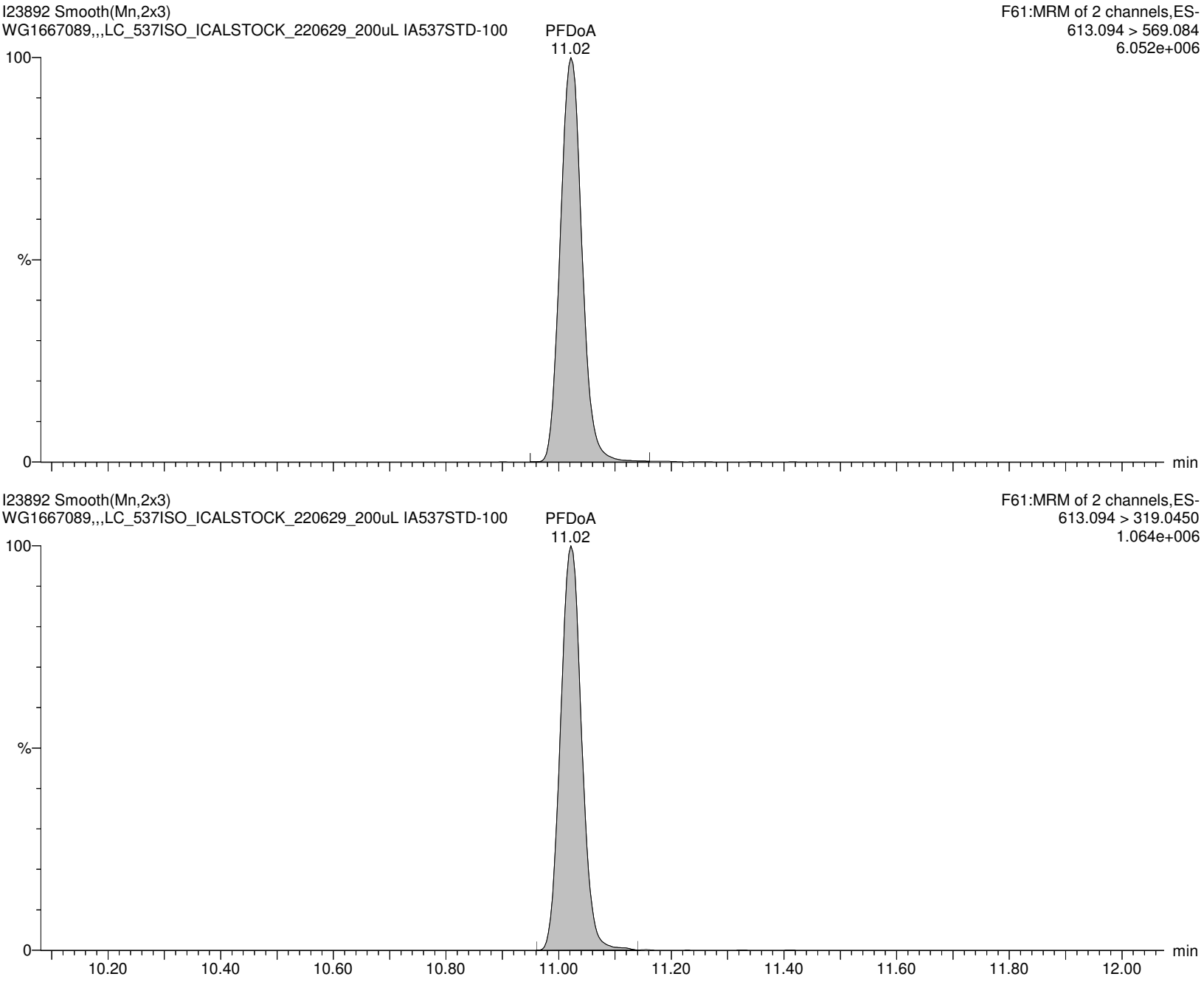


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFDoA

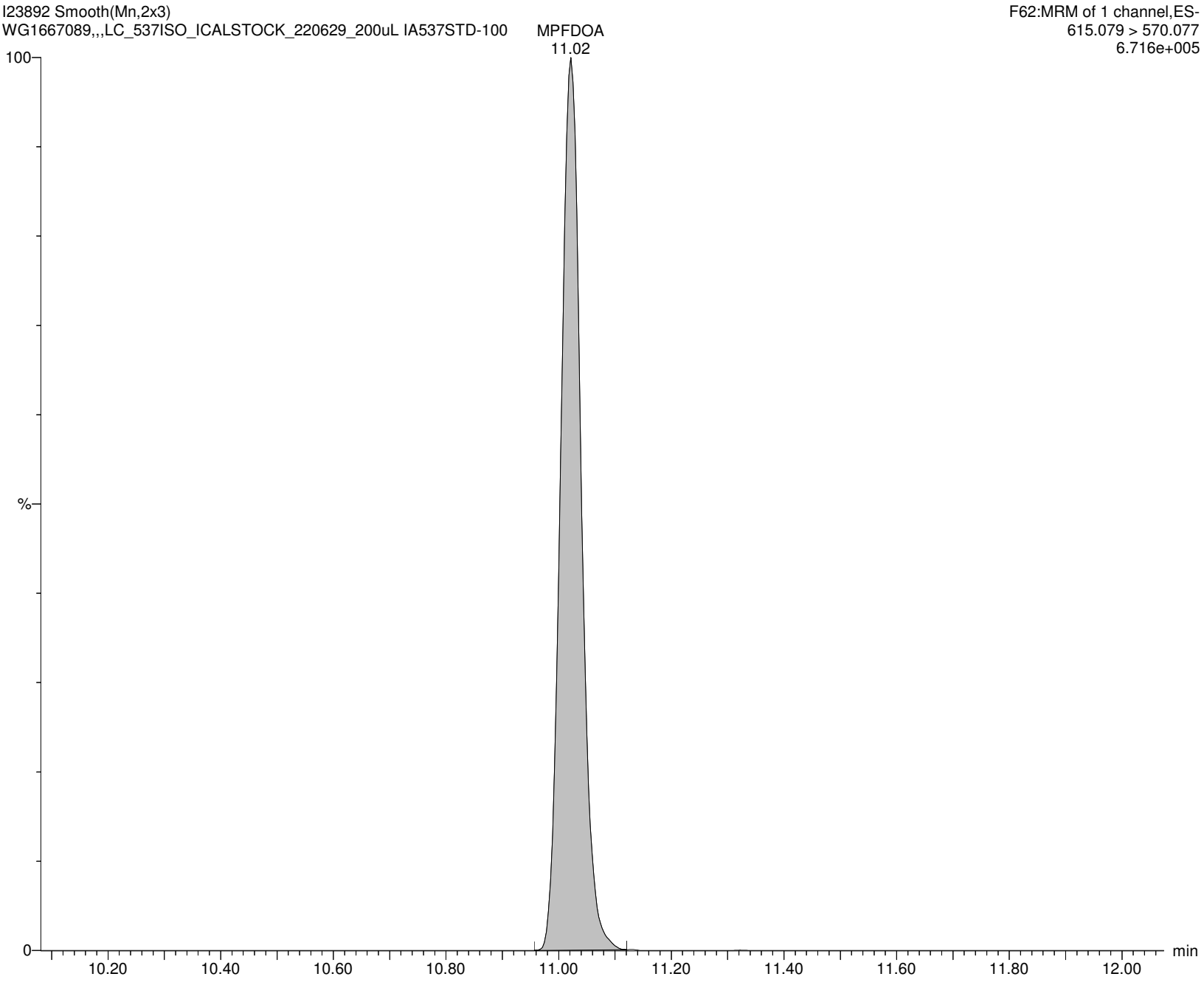


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

MPFDOA

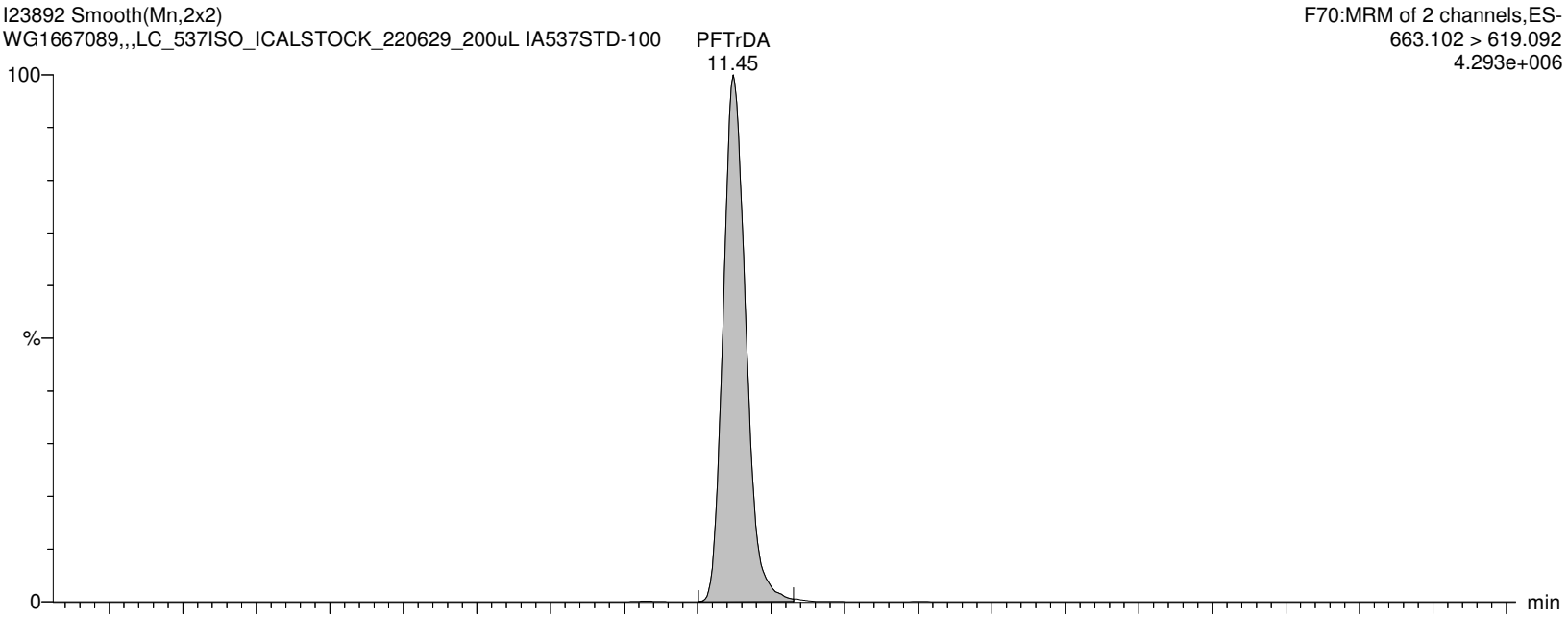


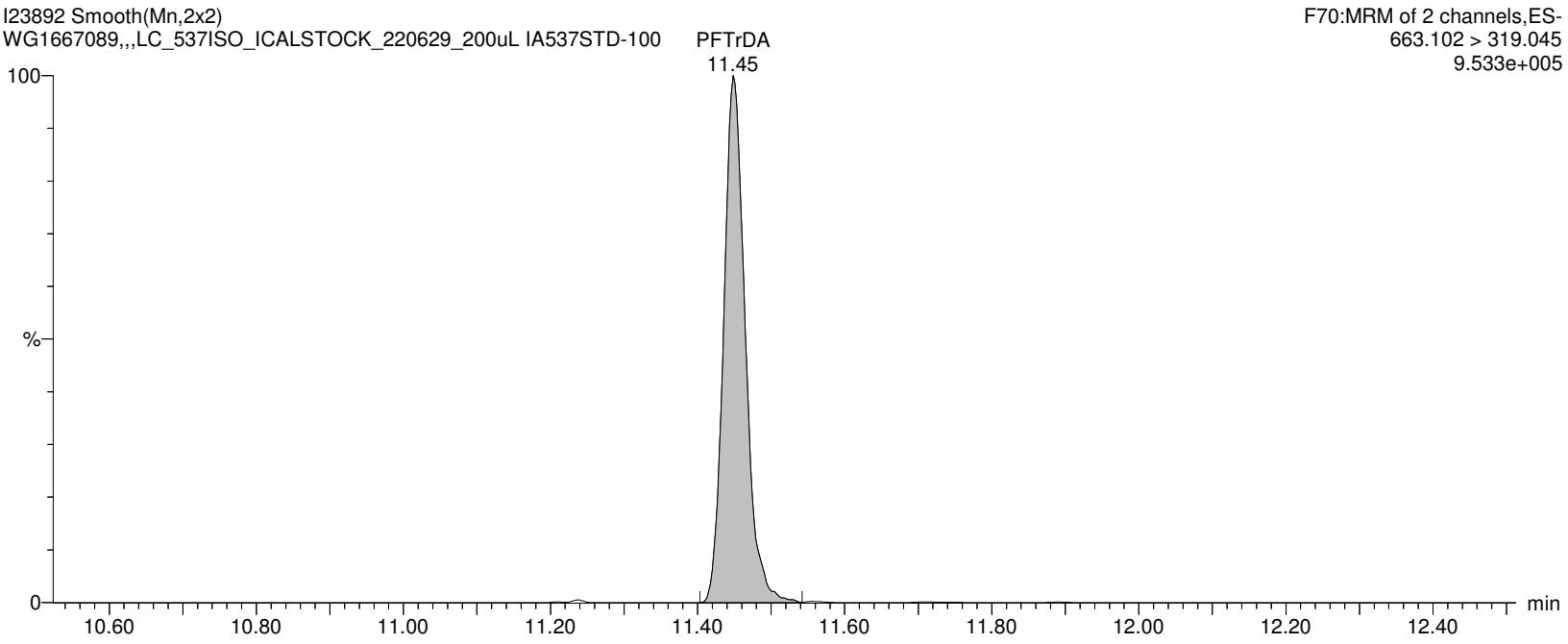
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFTrDA



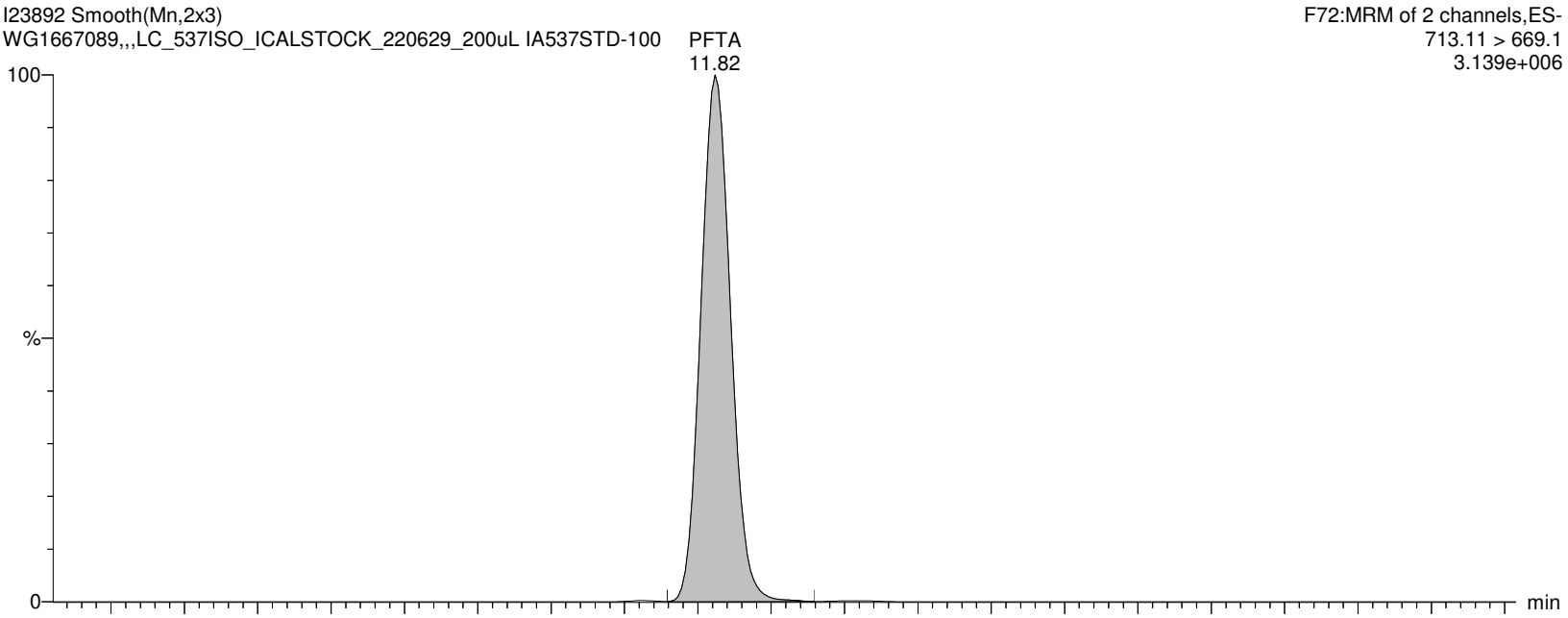


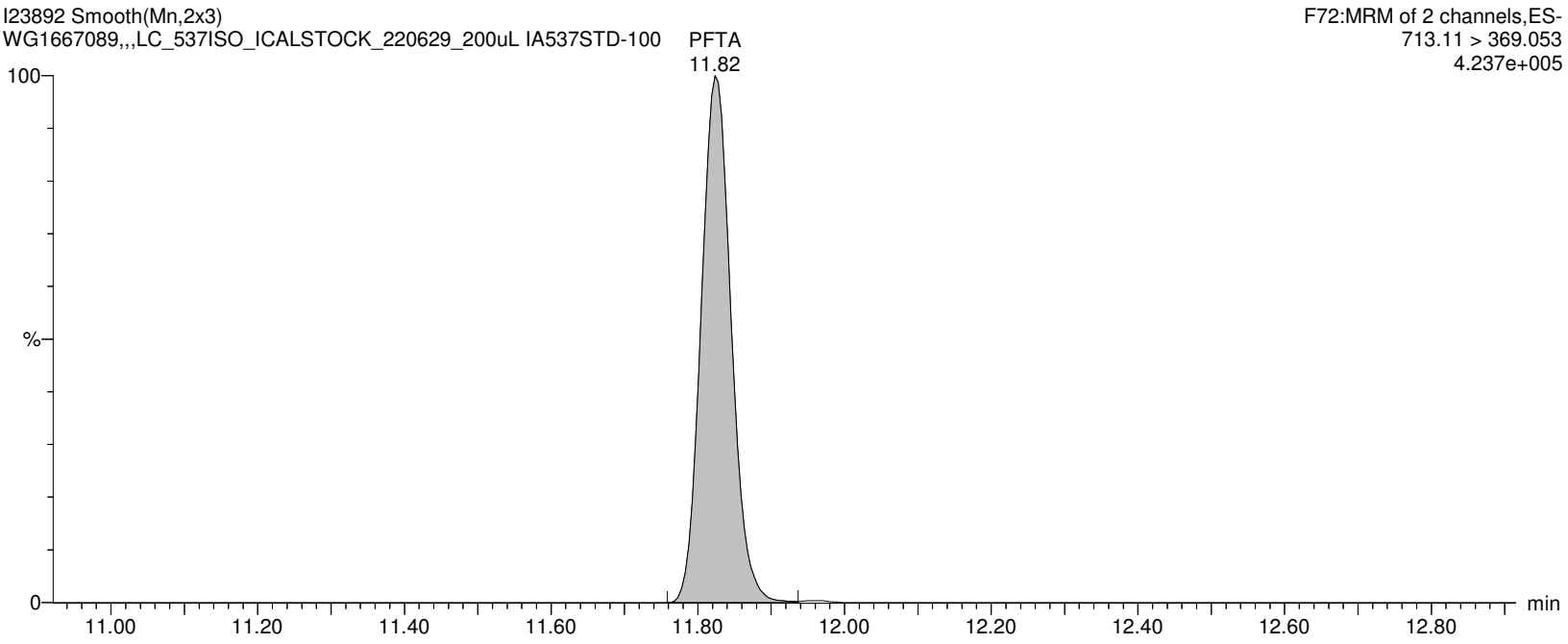
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFTA



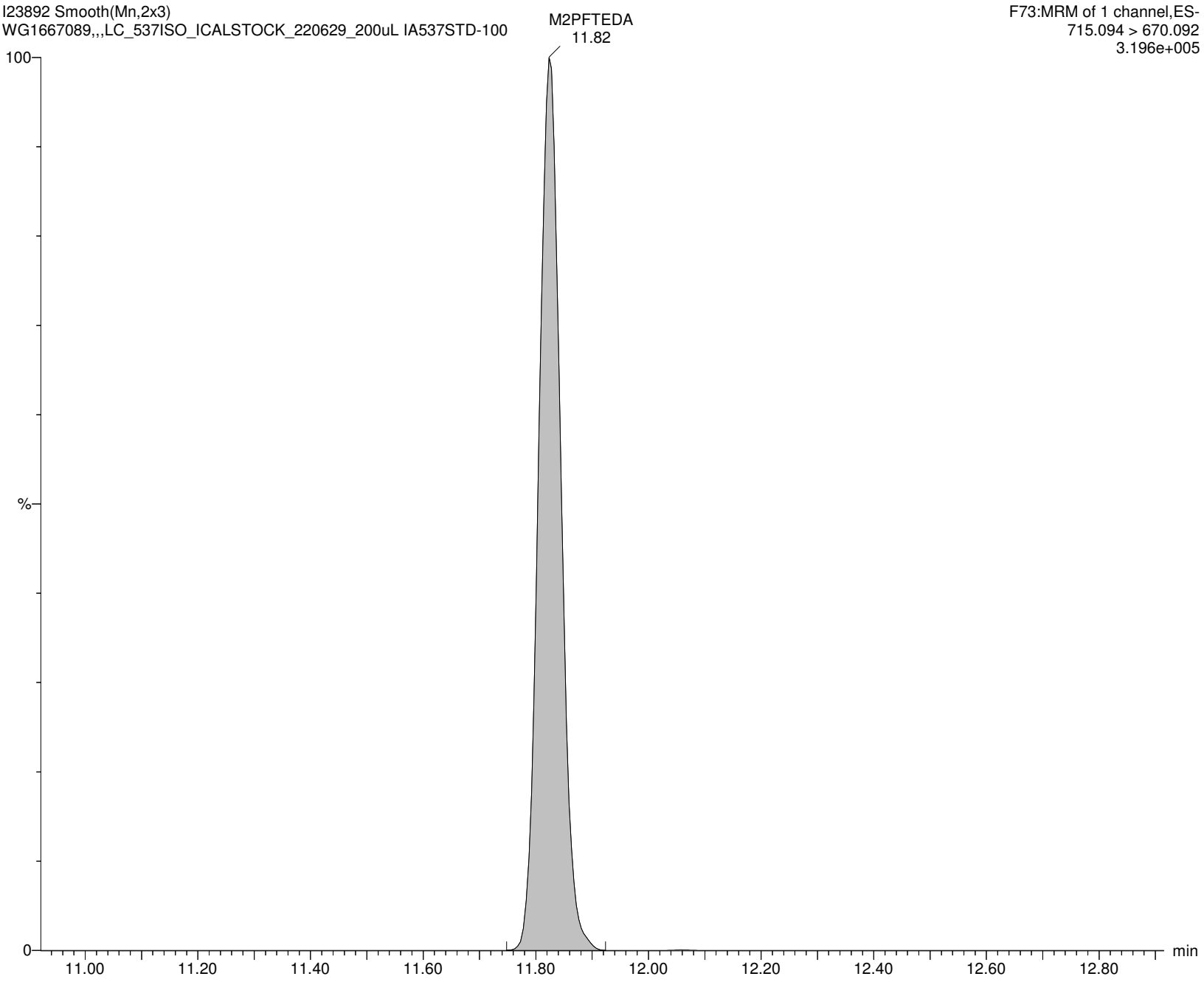


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2PFTEDA

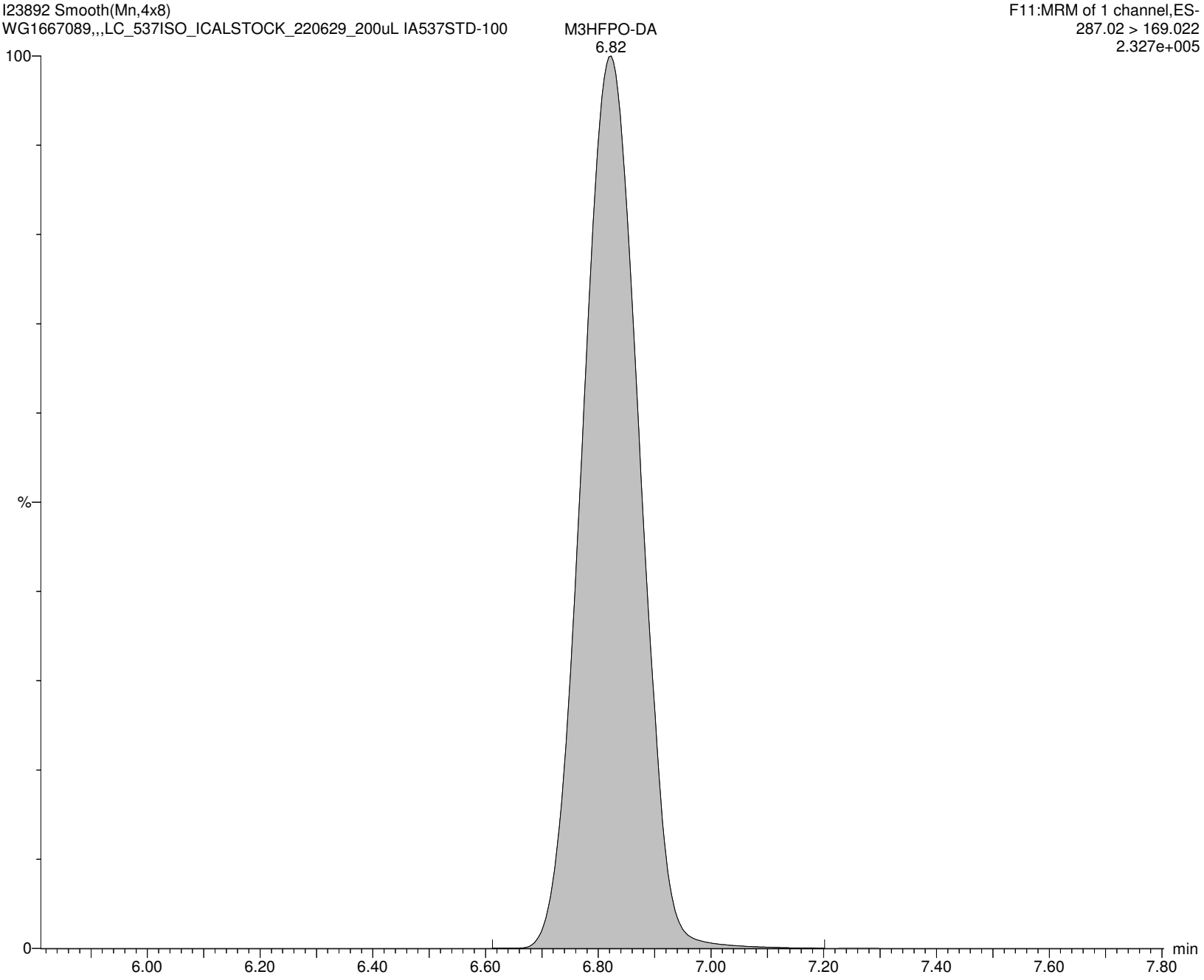


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M3HFPO-DA

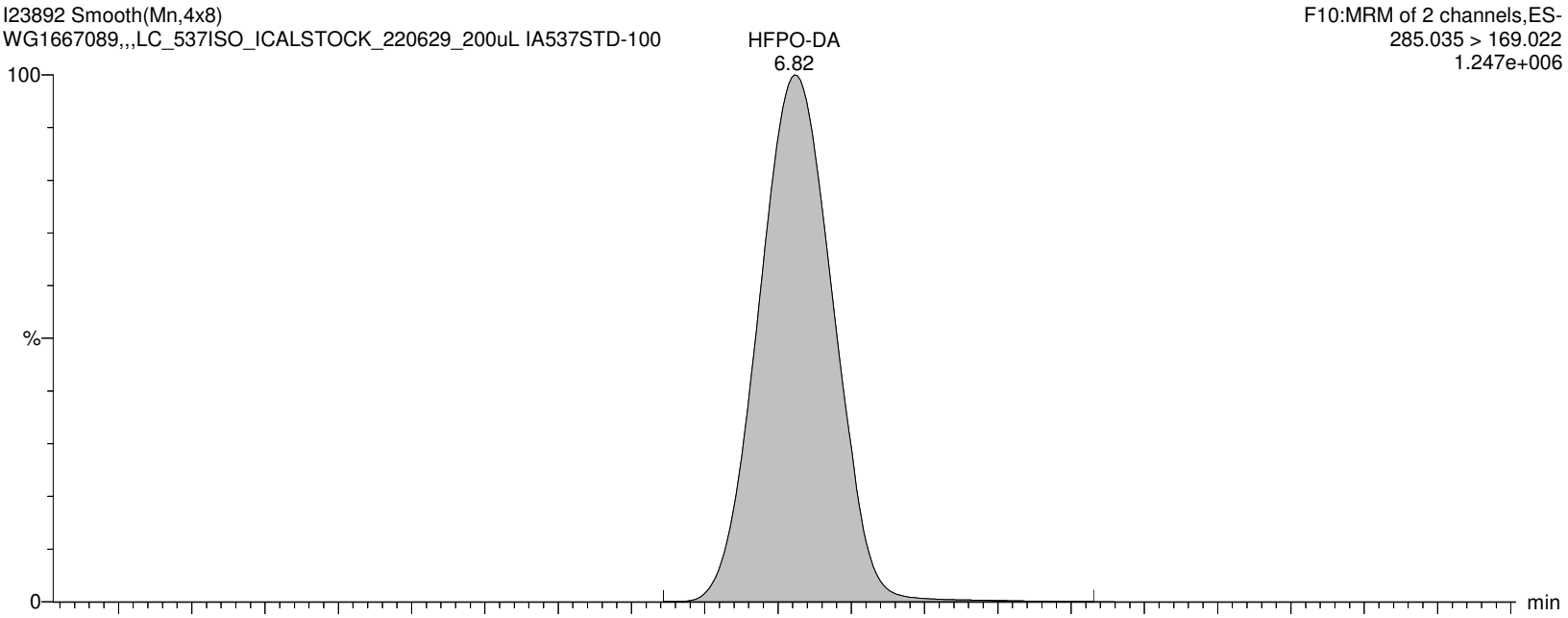


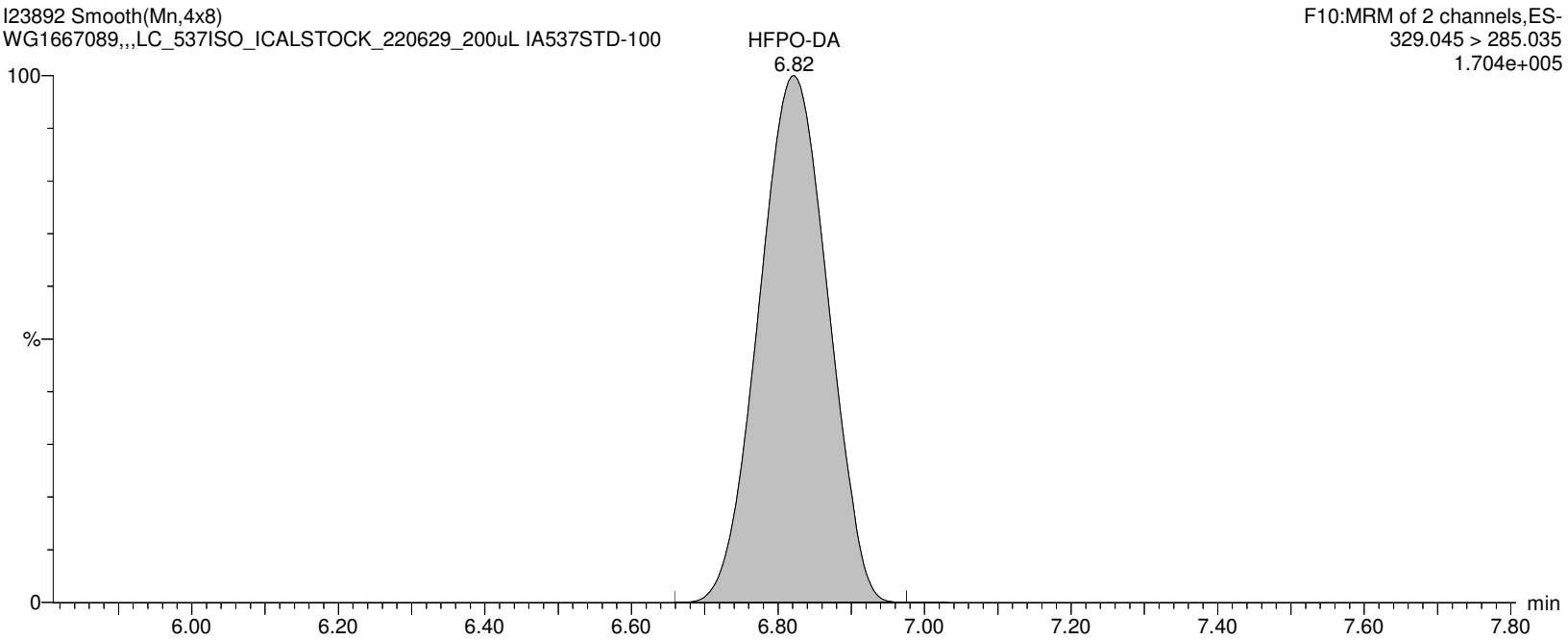
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

HFPO-DA



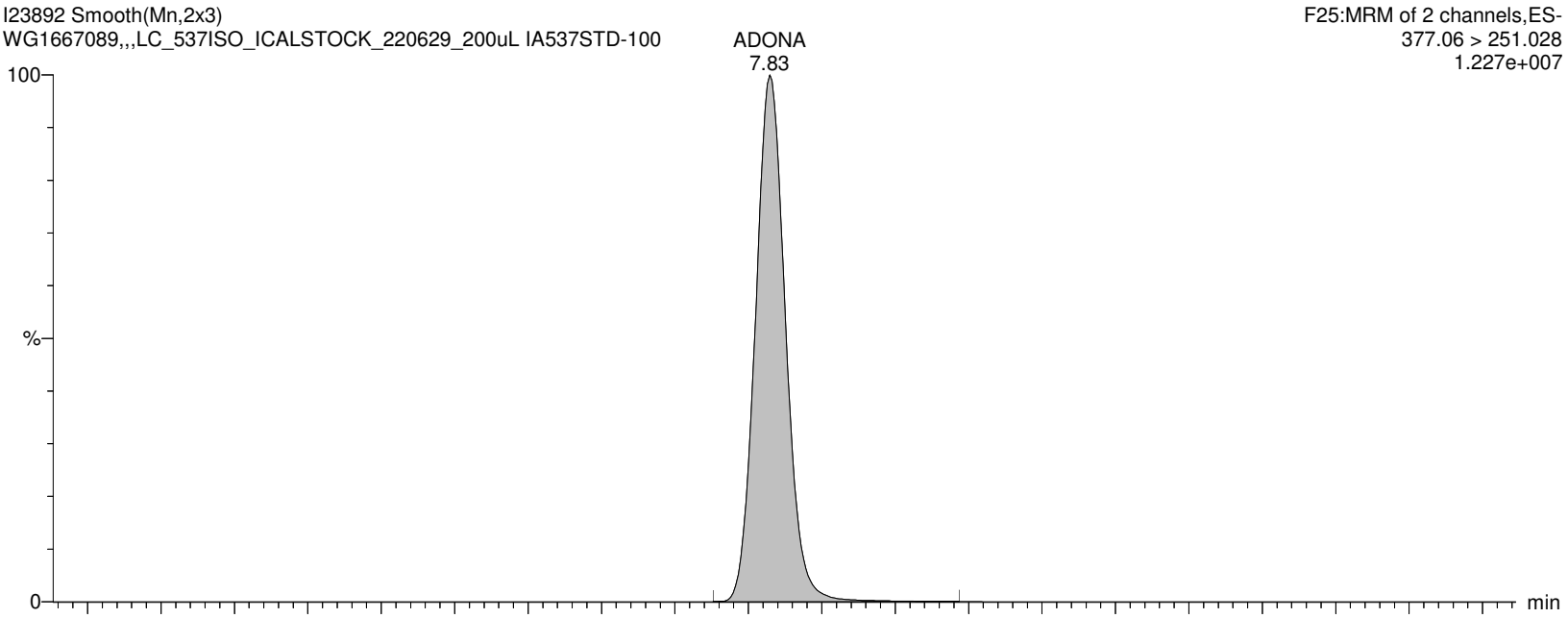


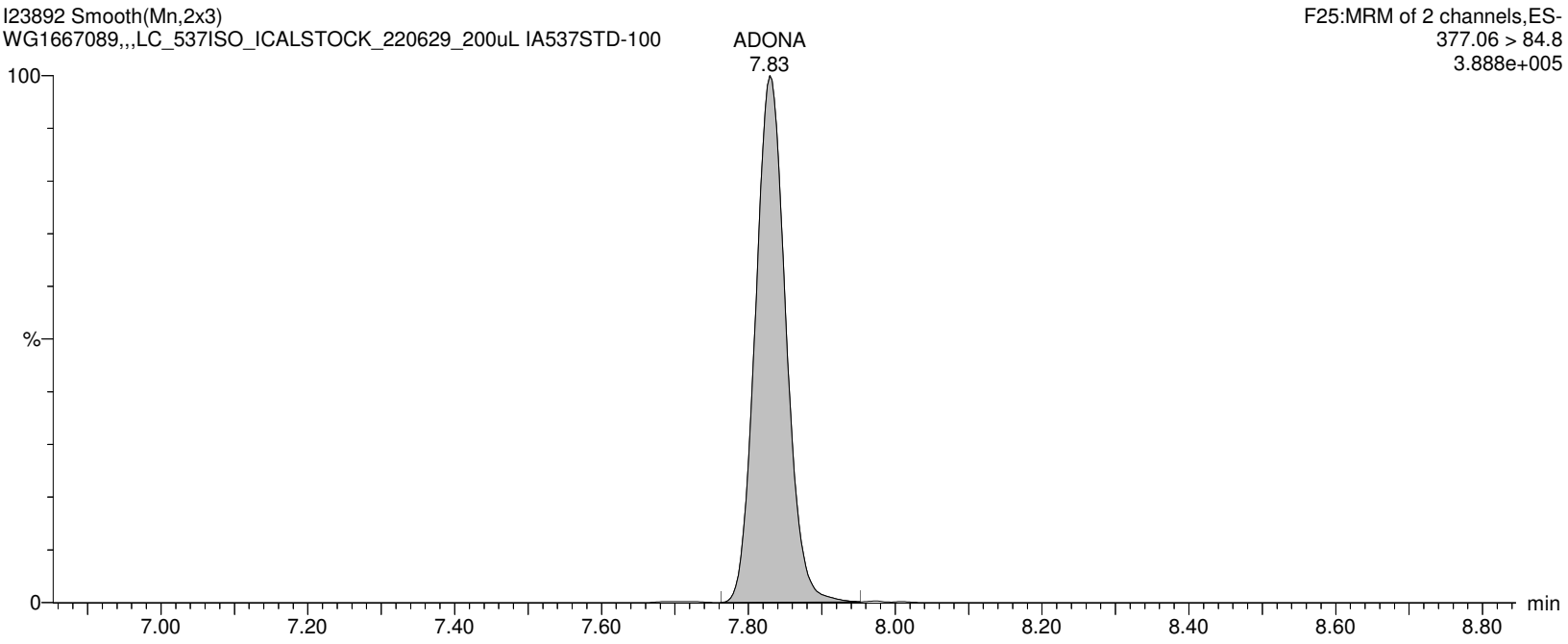
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

ADONA



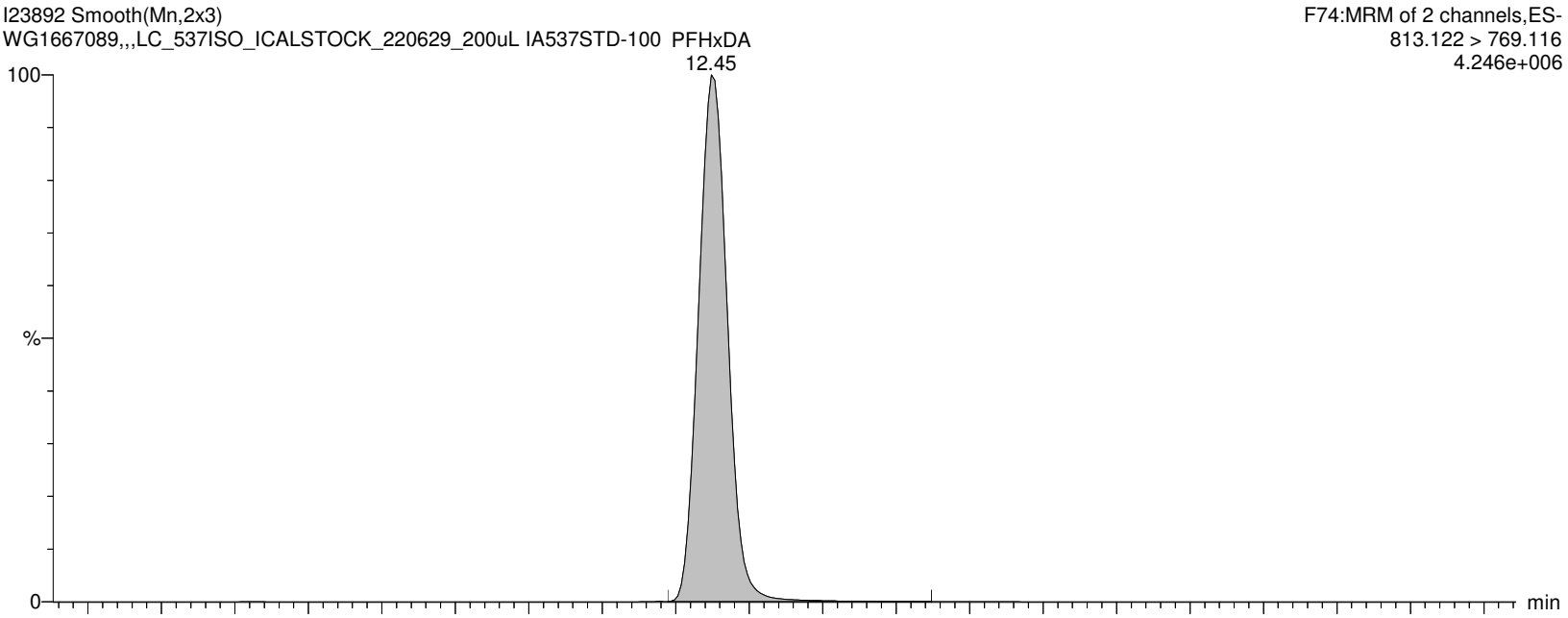


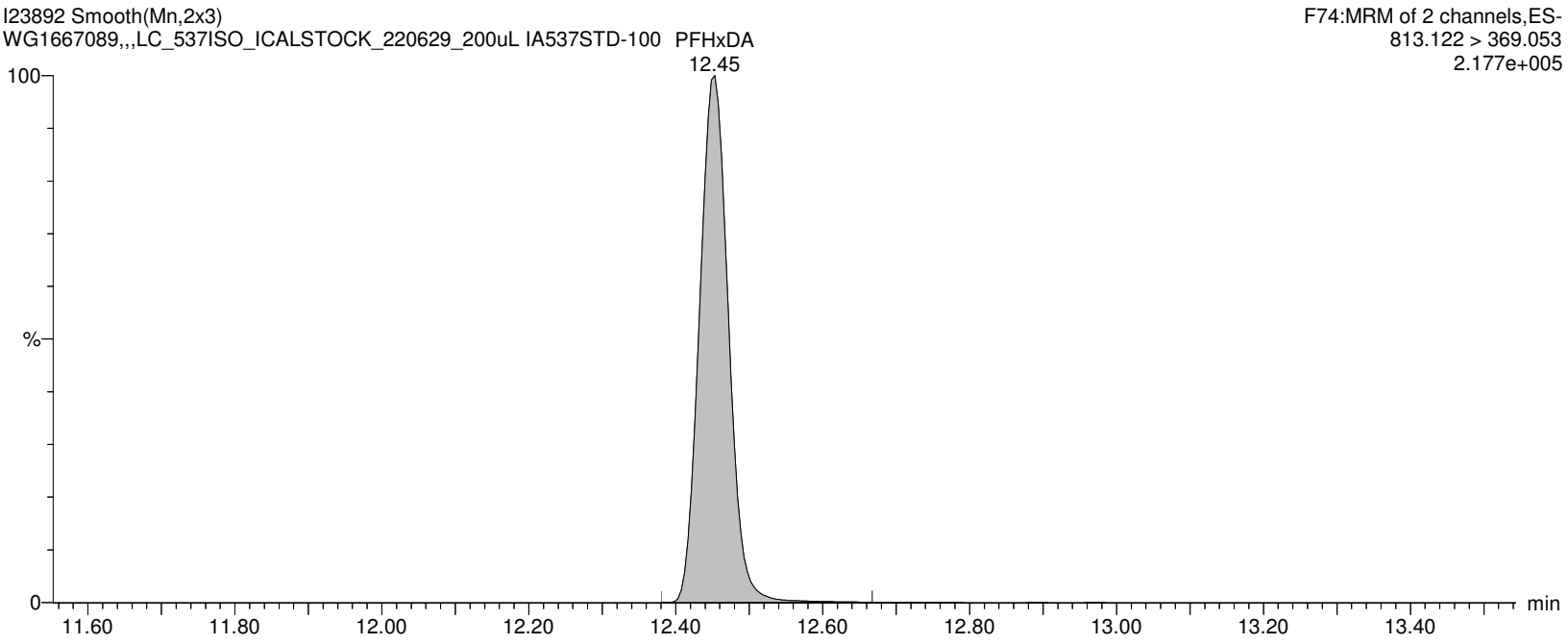
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFHxDA



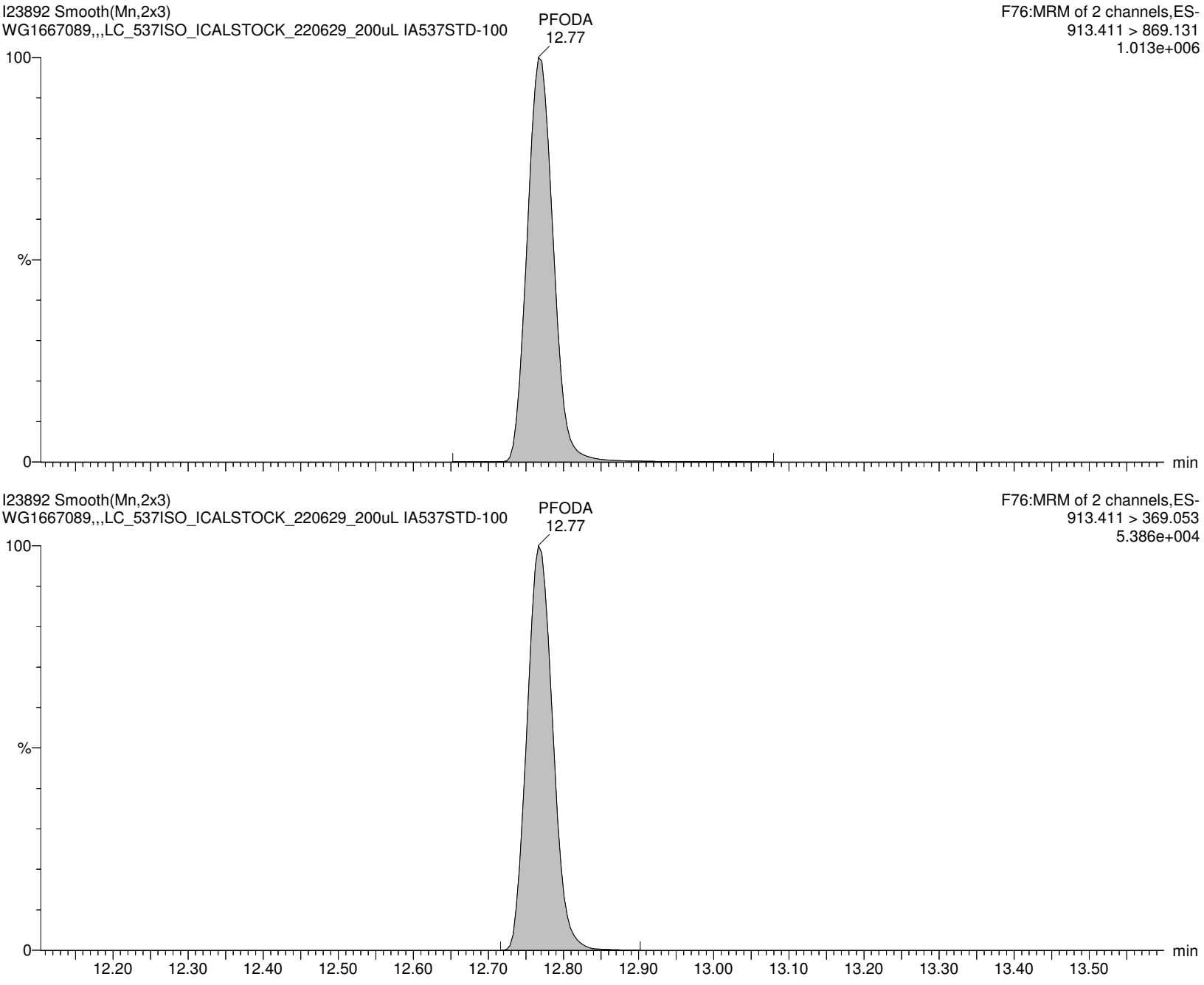


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFODA

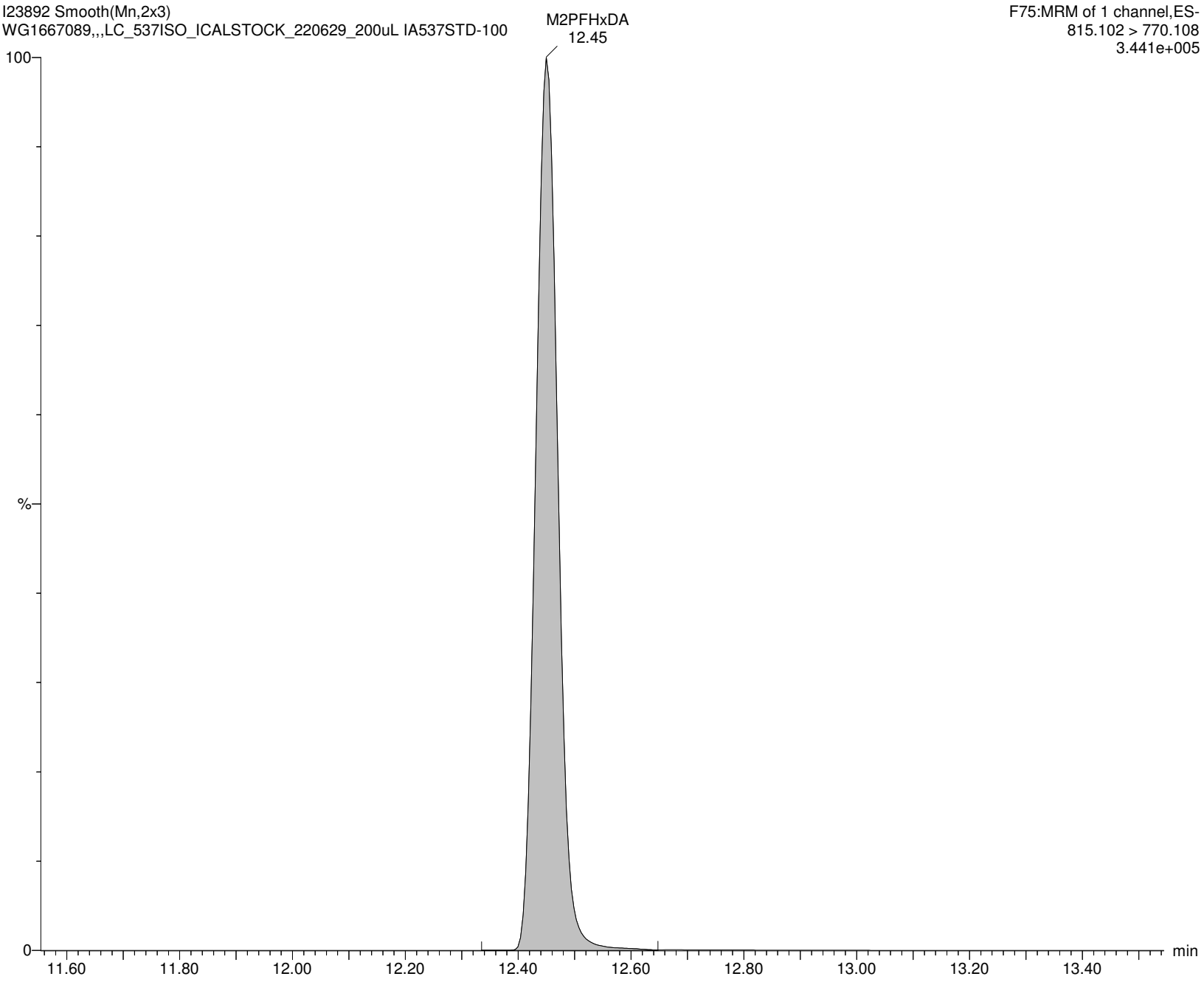


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2PFHxDA

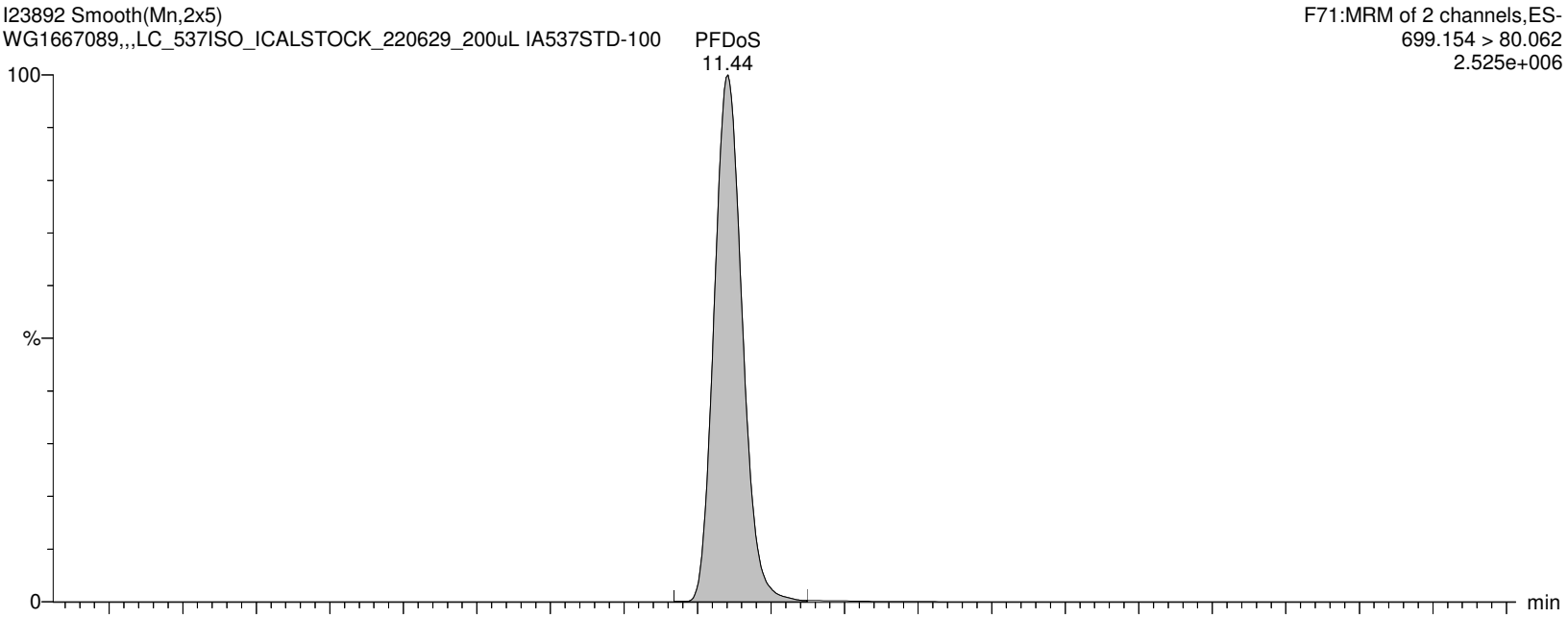


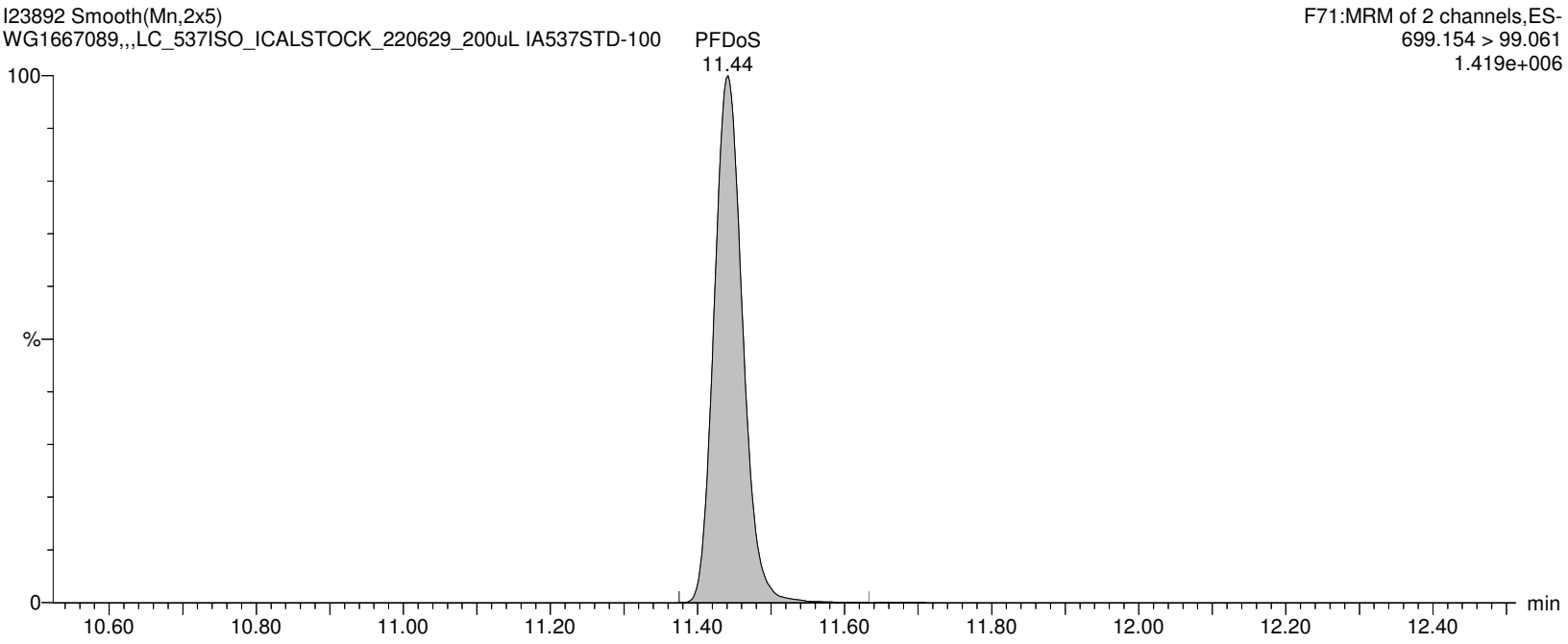
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFDoS



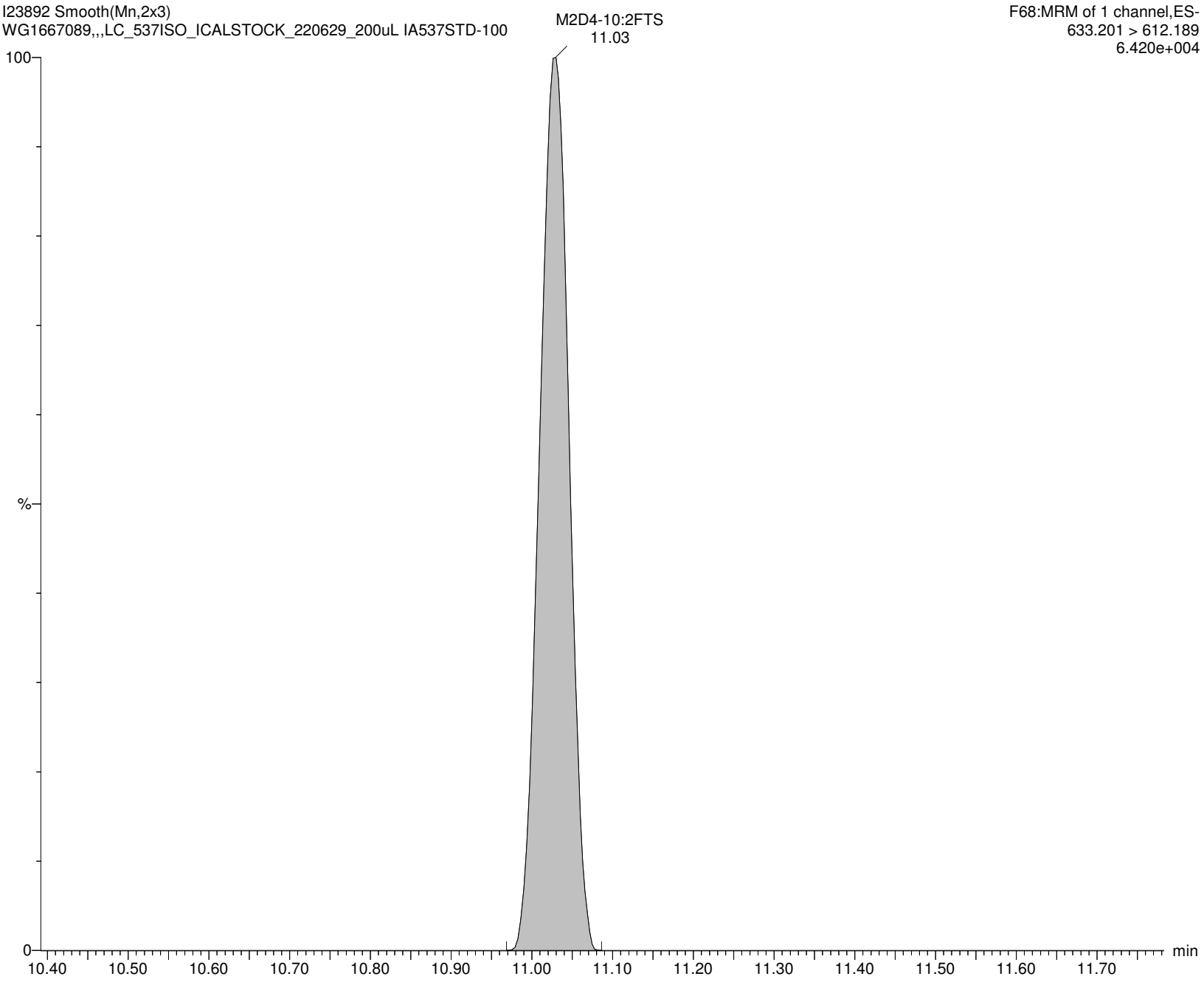


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2D4-10:2FTS

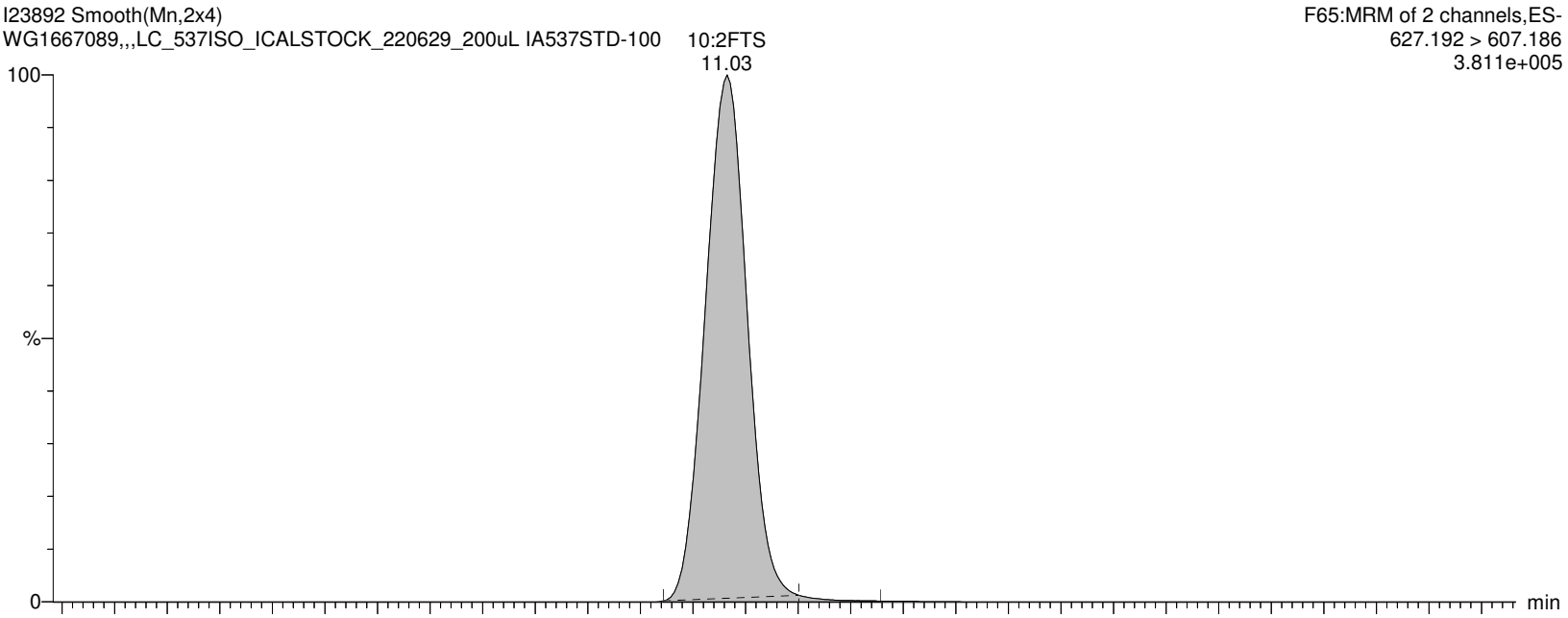


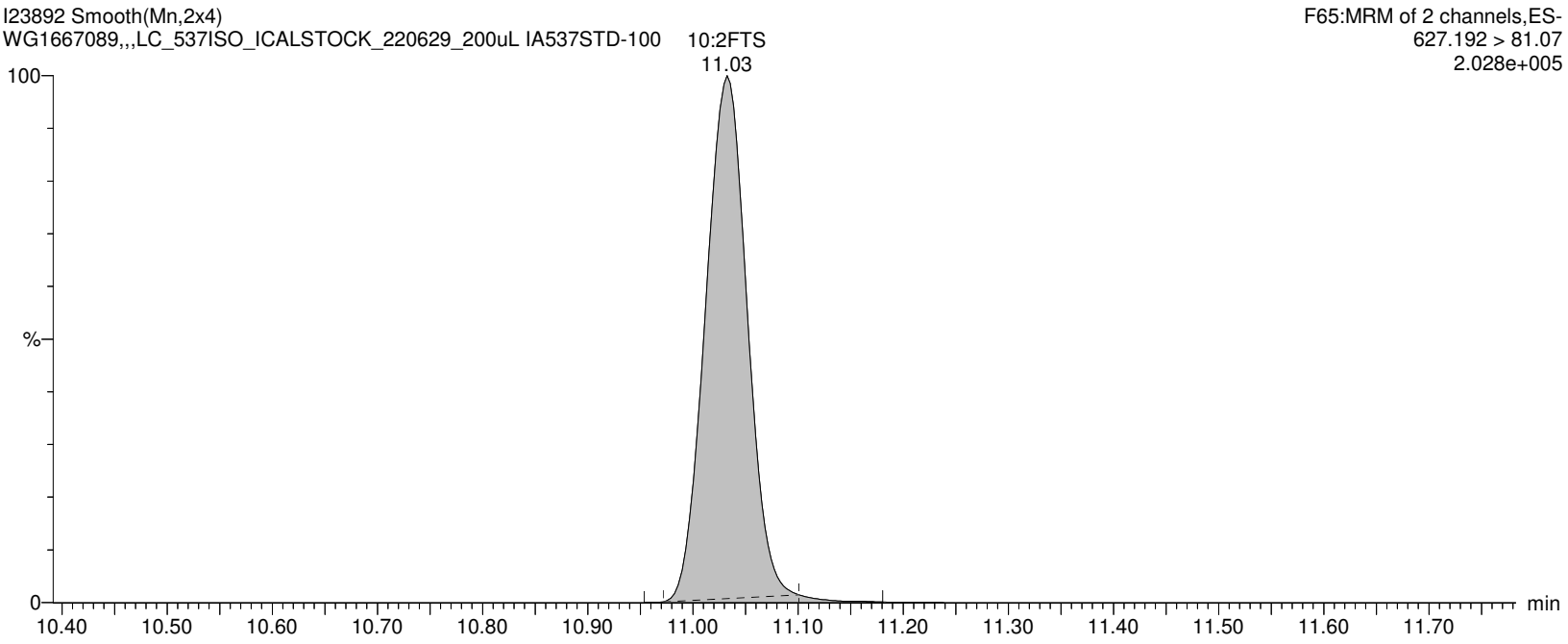
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

10:2FTS



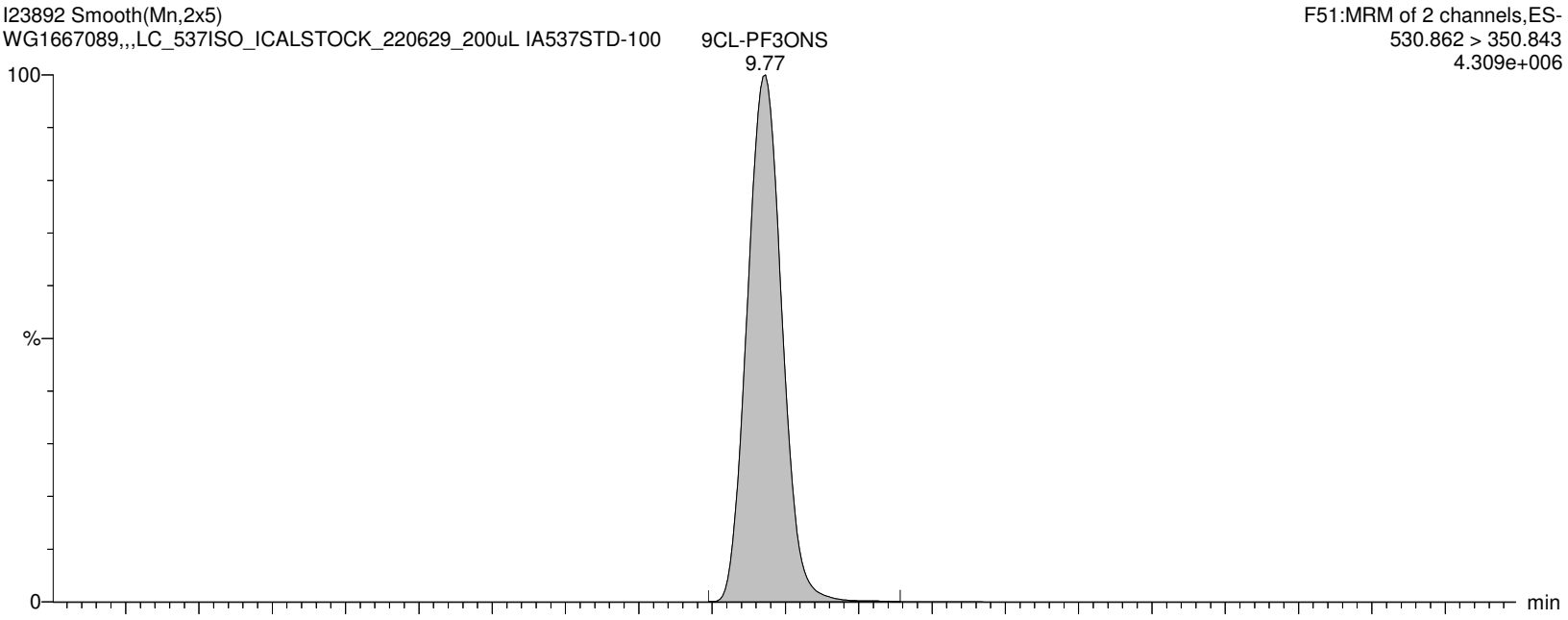


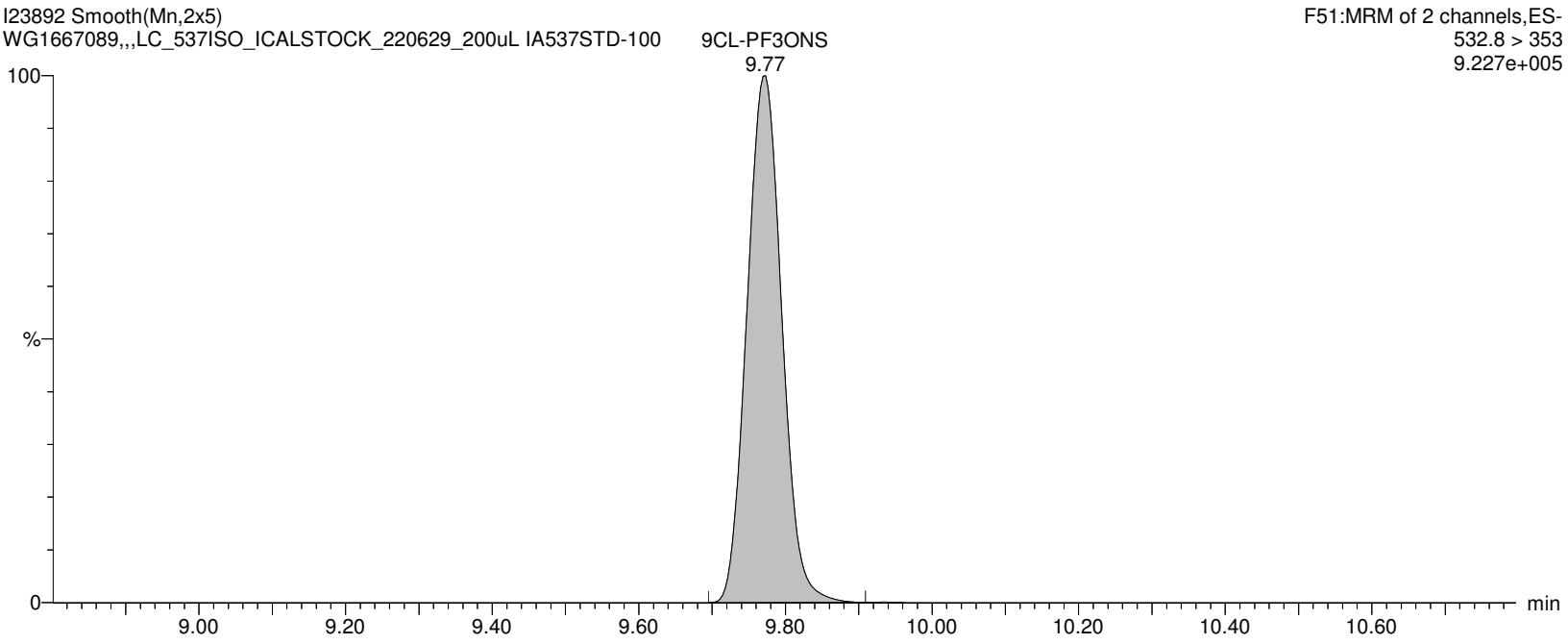
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

9CL-PF3ONS



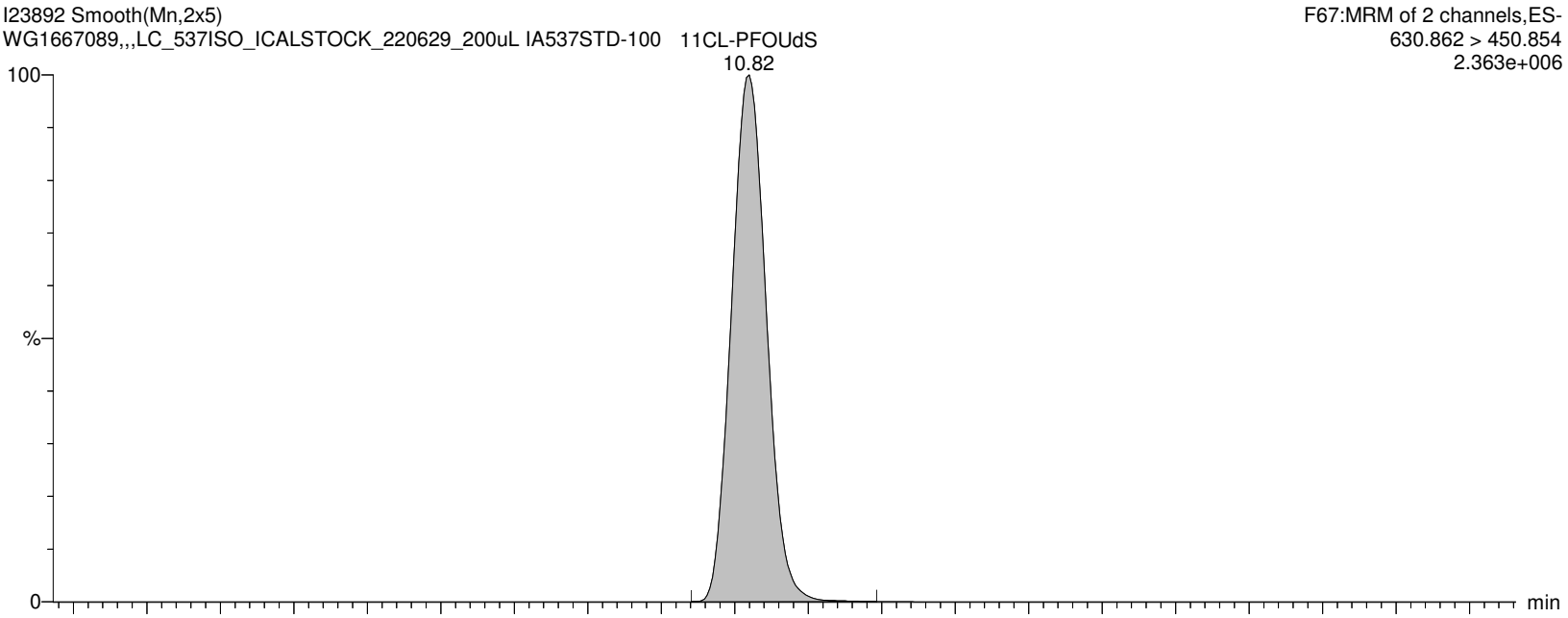


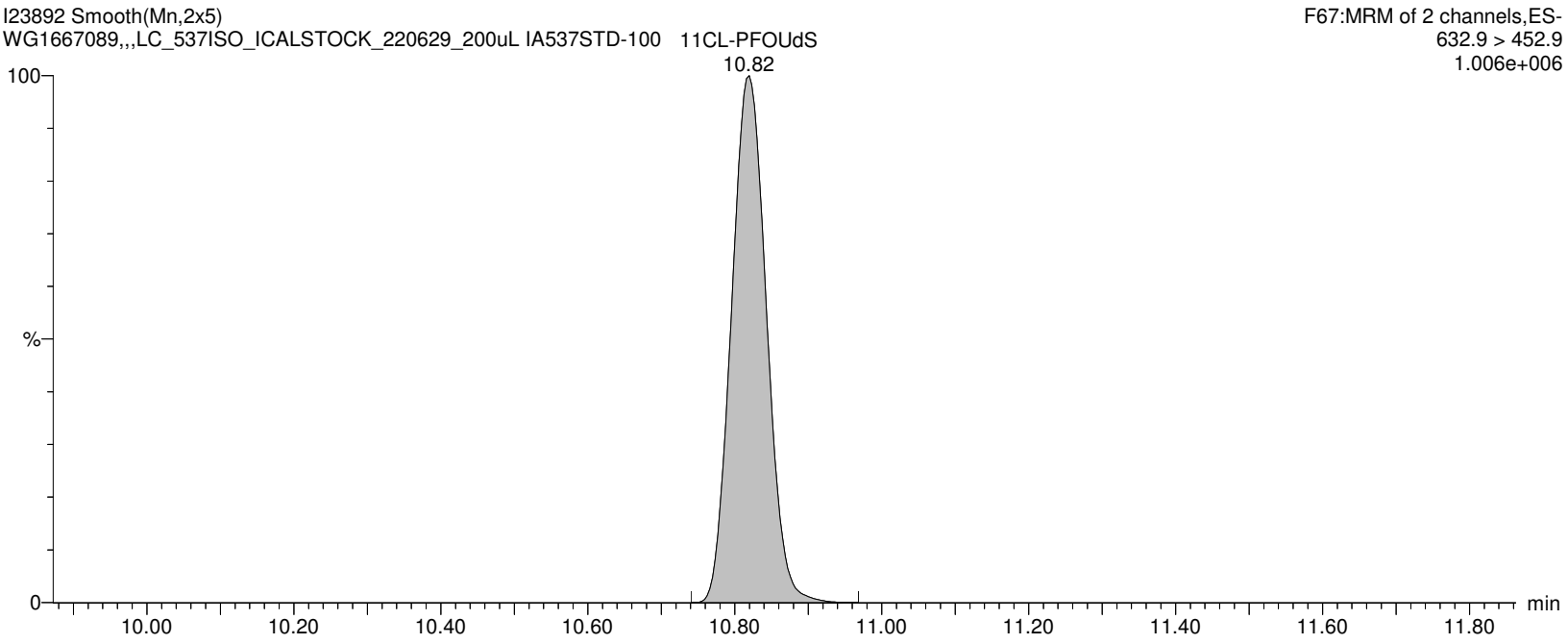
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

11CL-PFOUdS



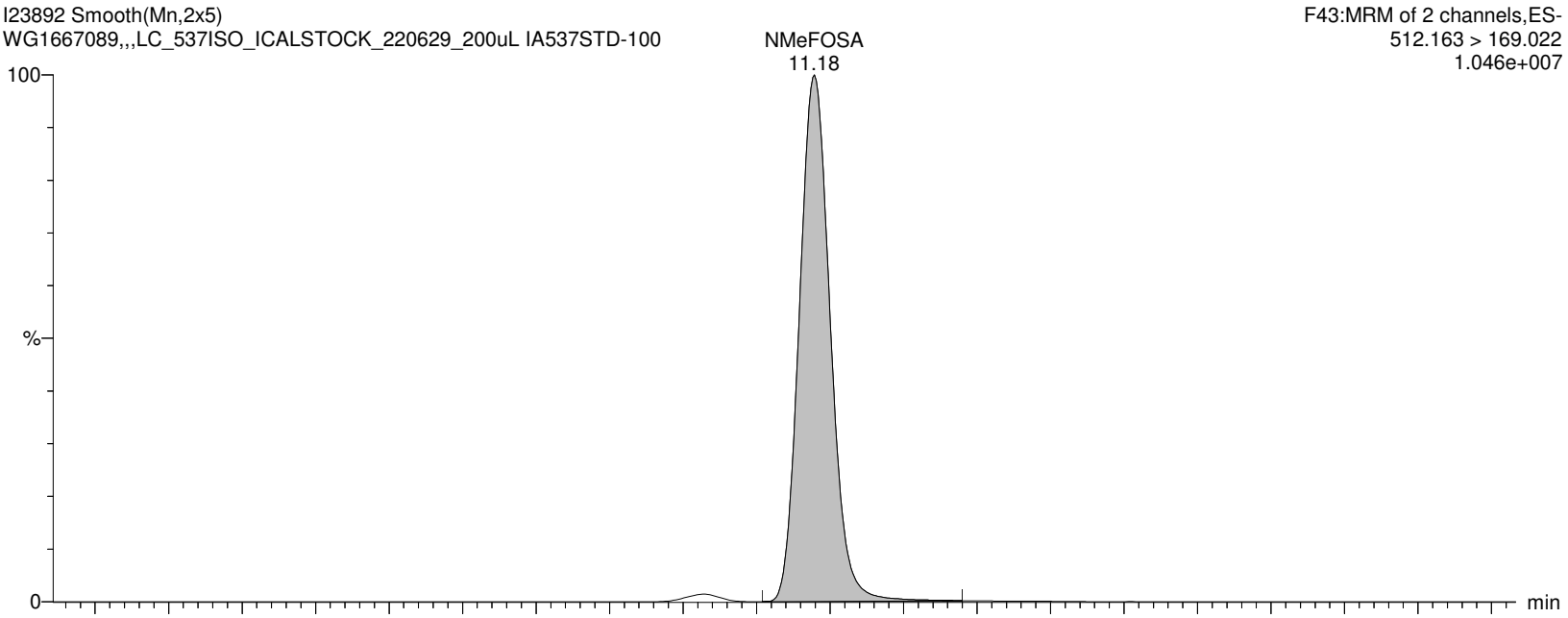


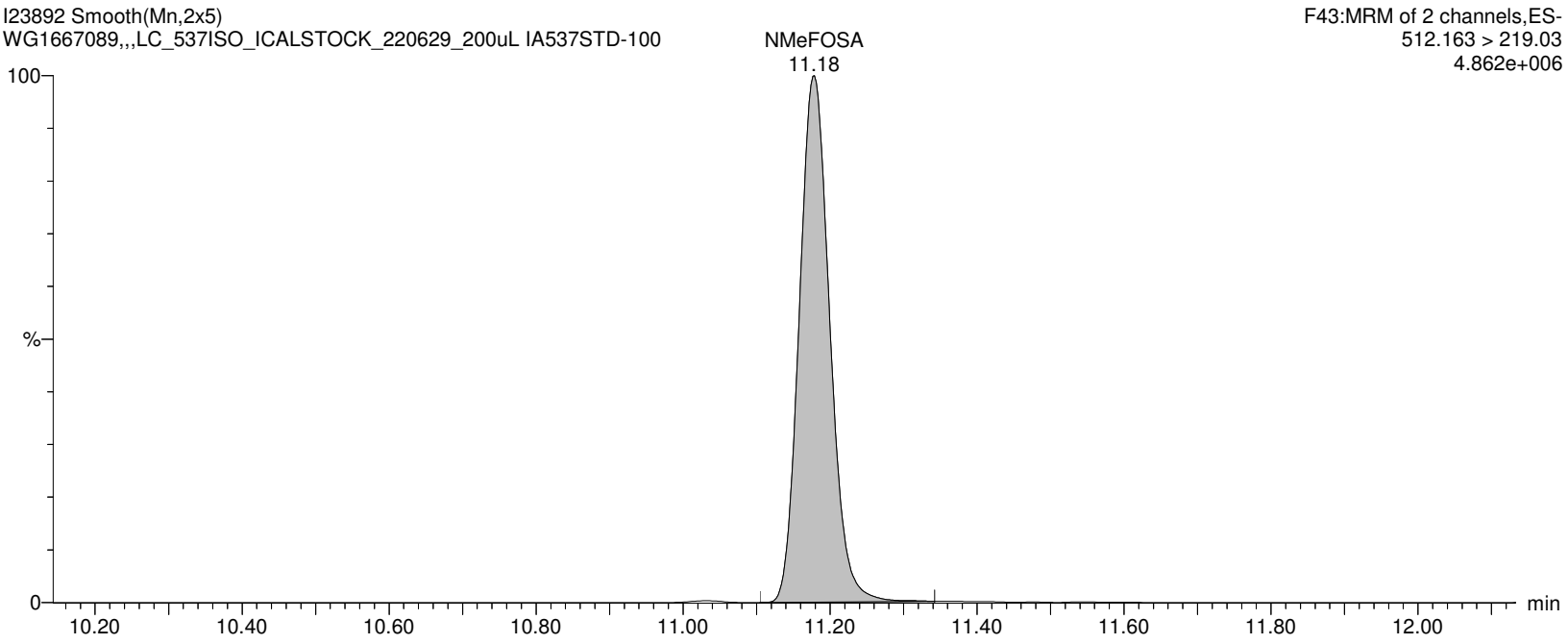
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NMeFOSA



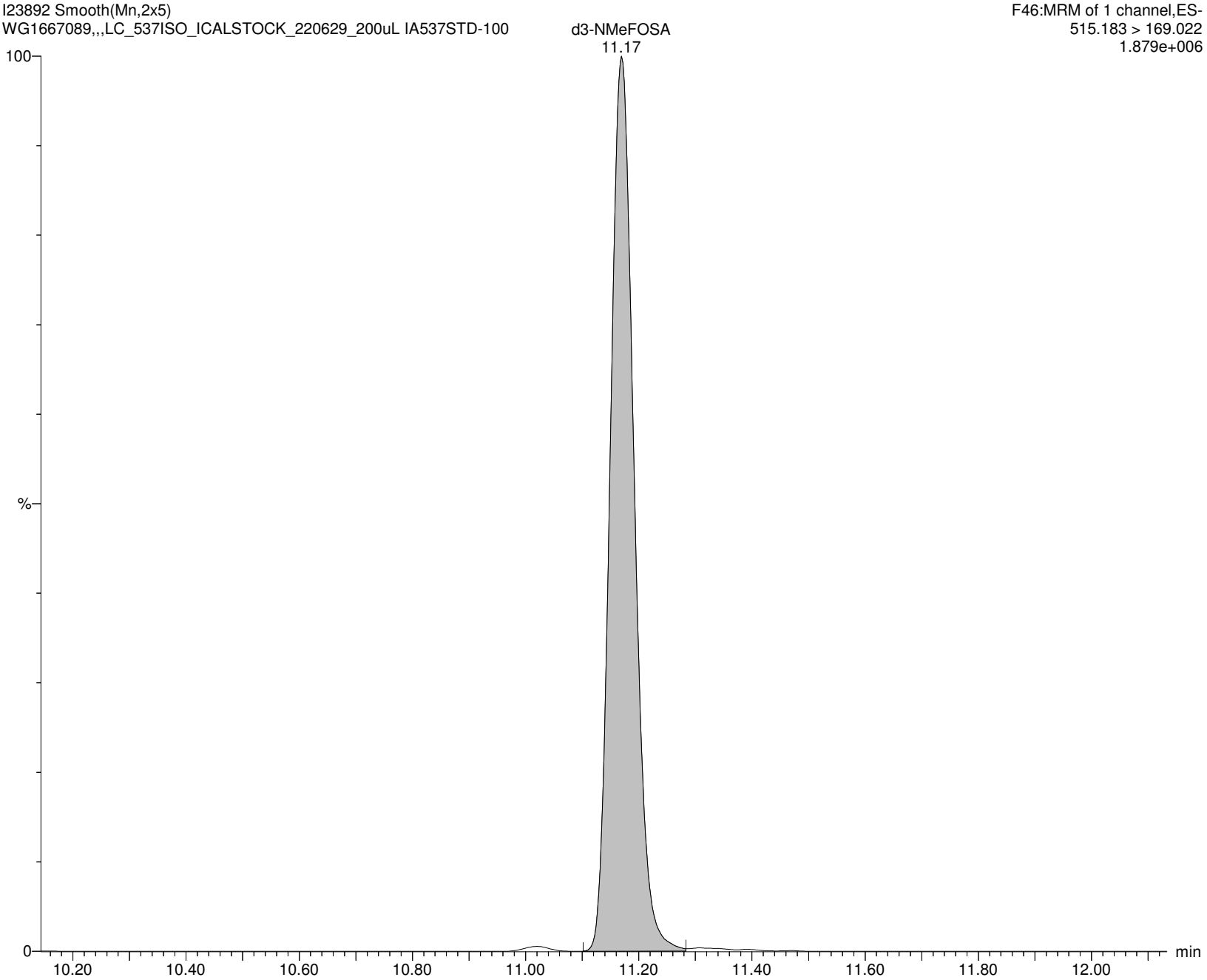


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

d3-NMeFOSA

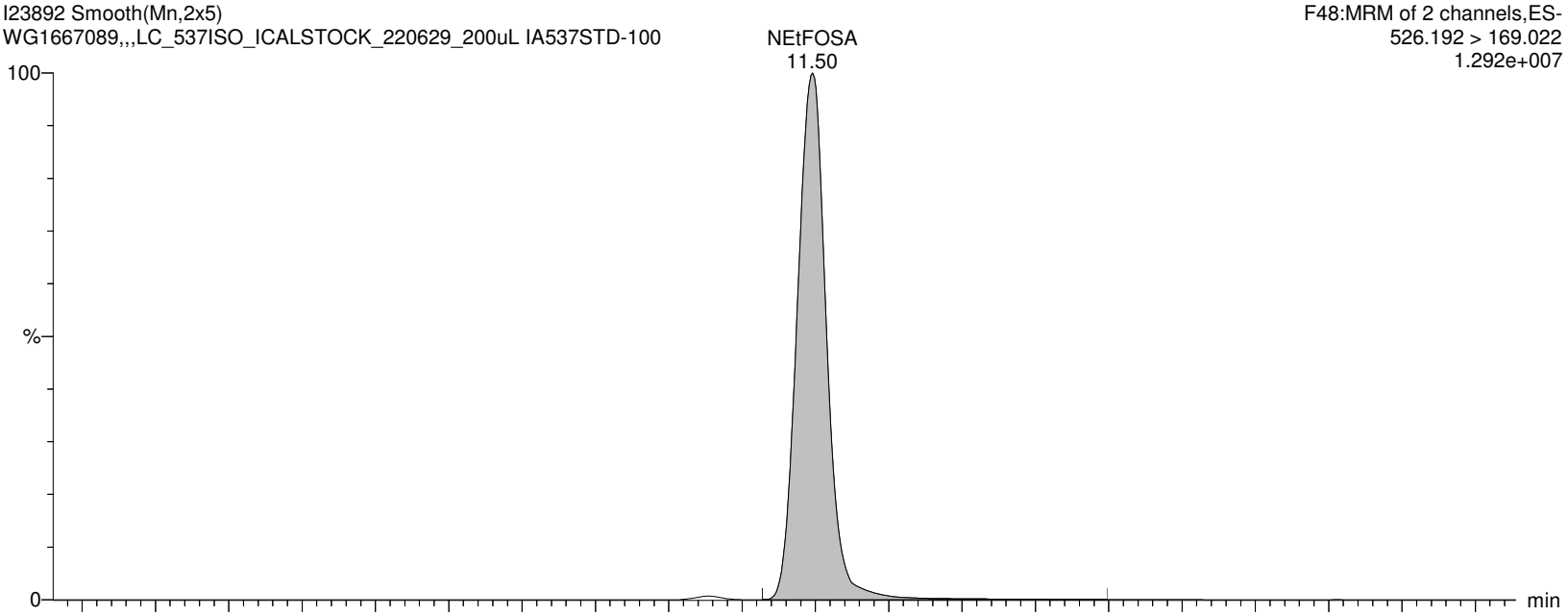


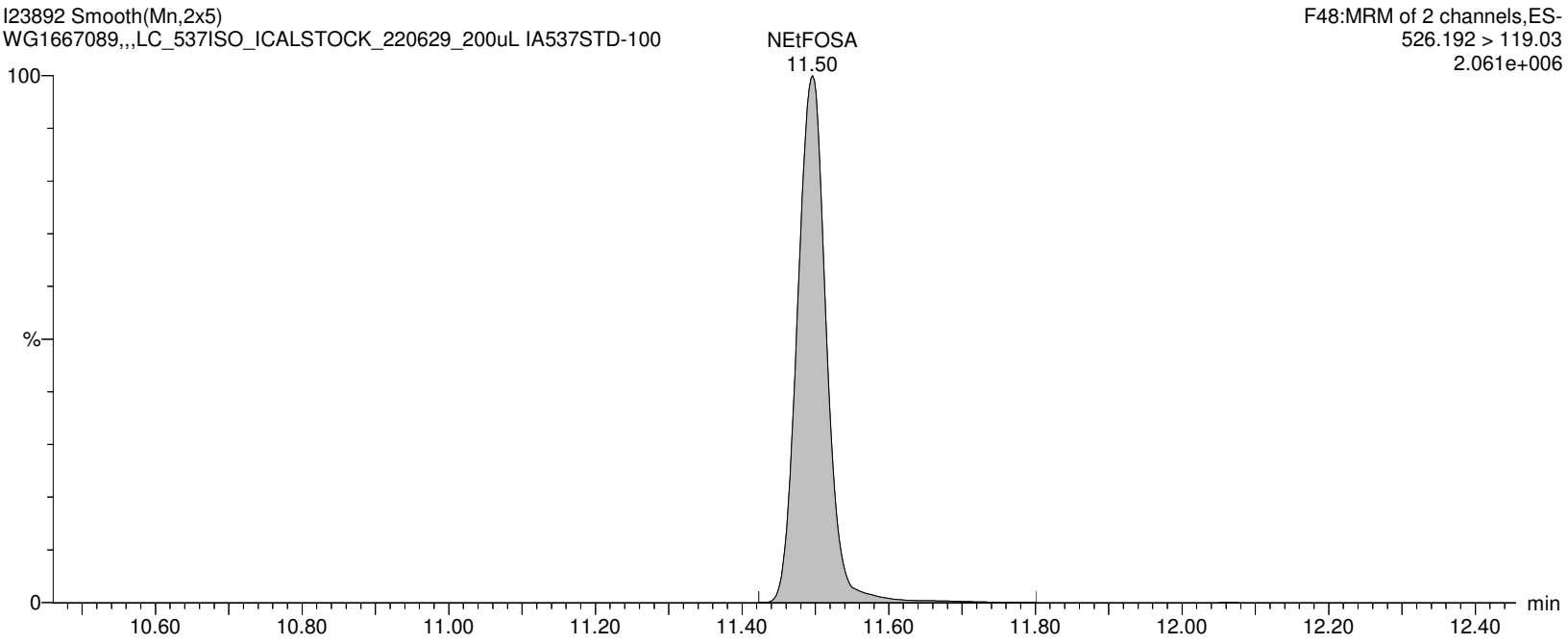
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NEtFOSA



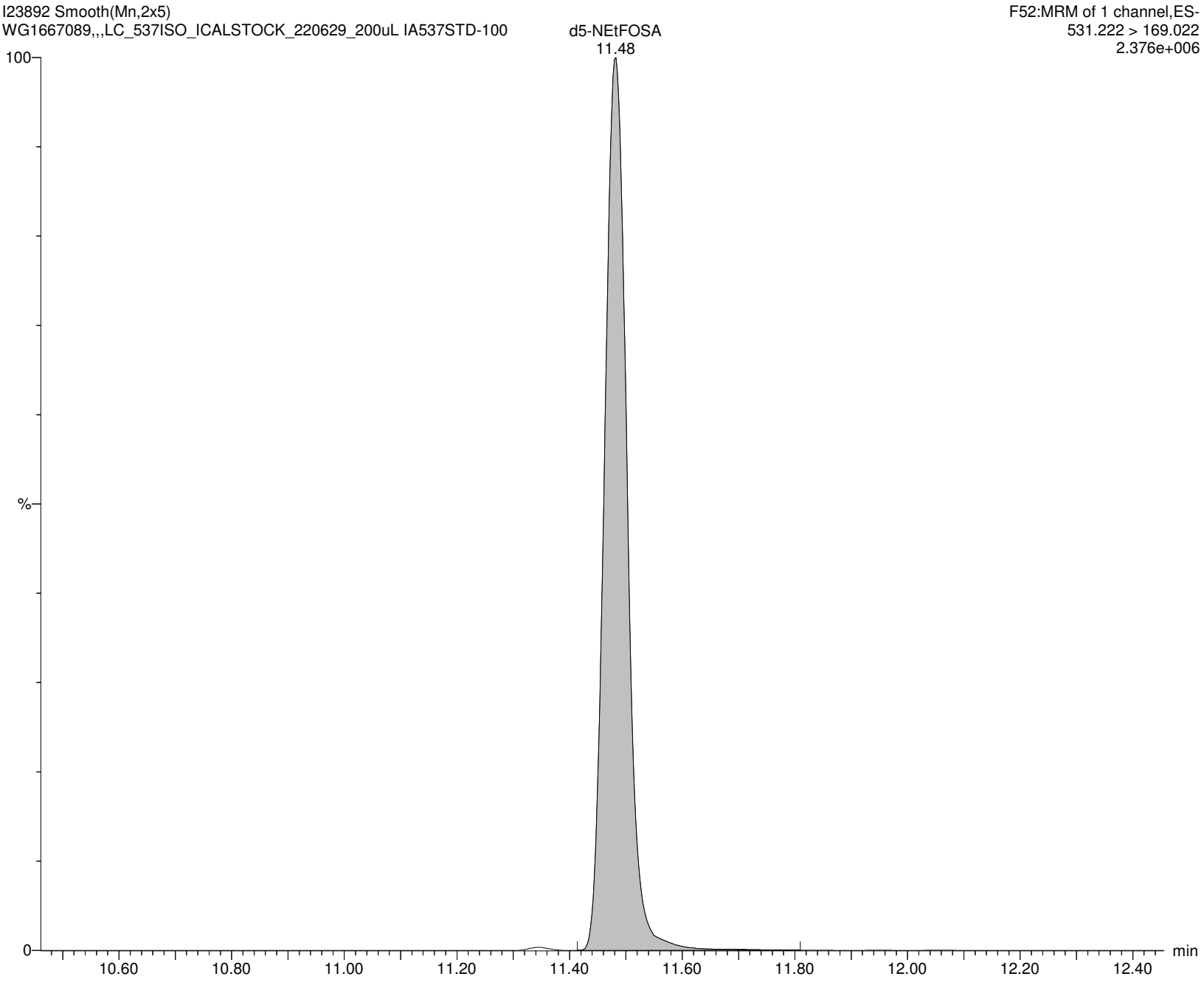


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

d5-NEtFOSA

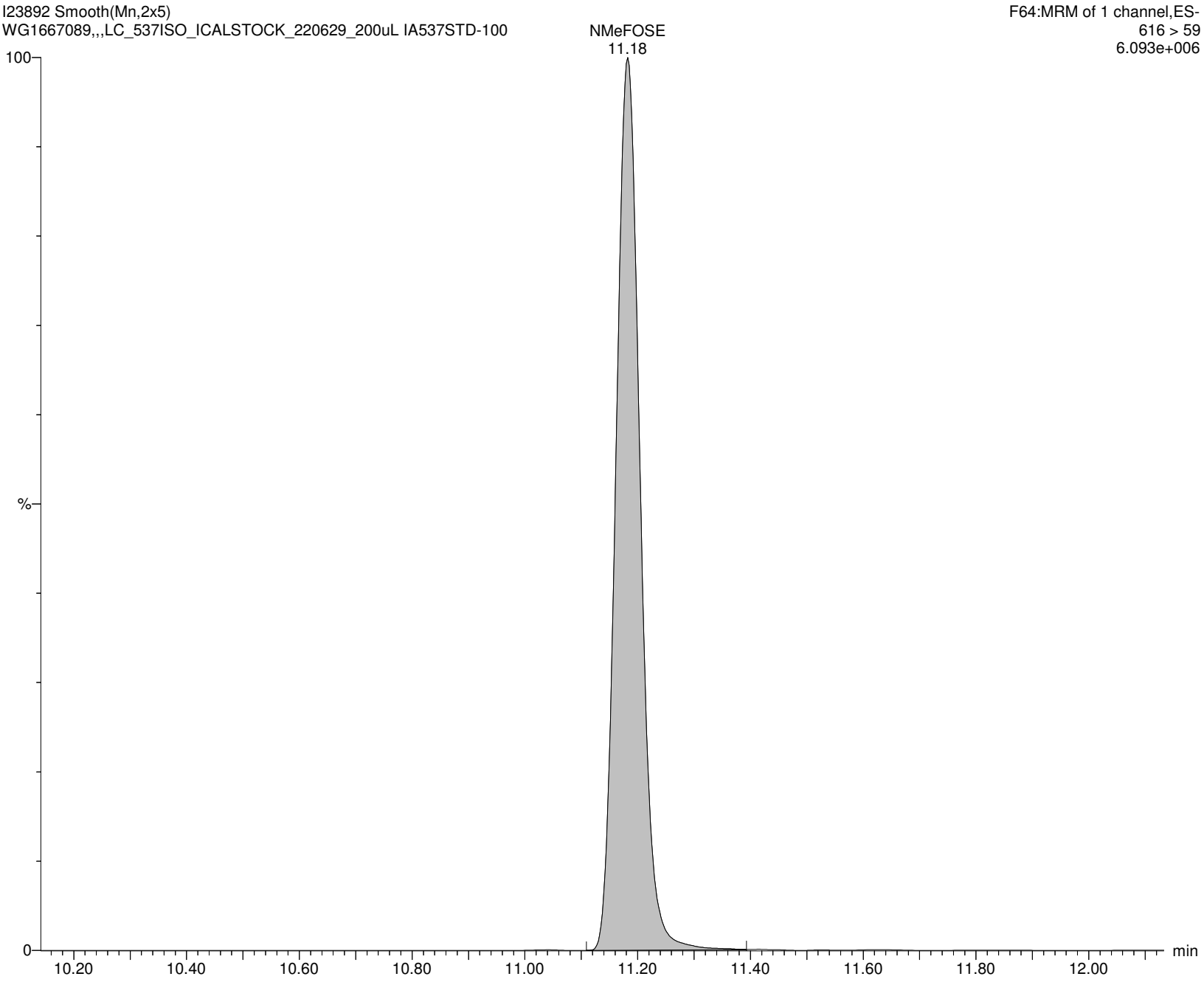


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NMeFOSE

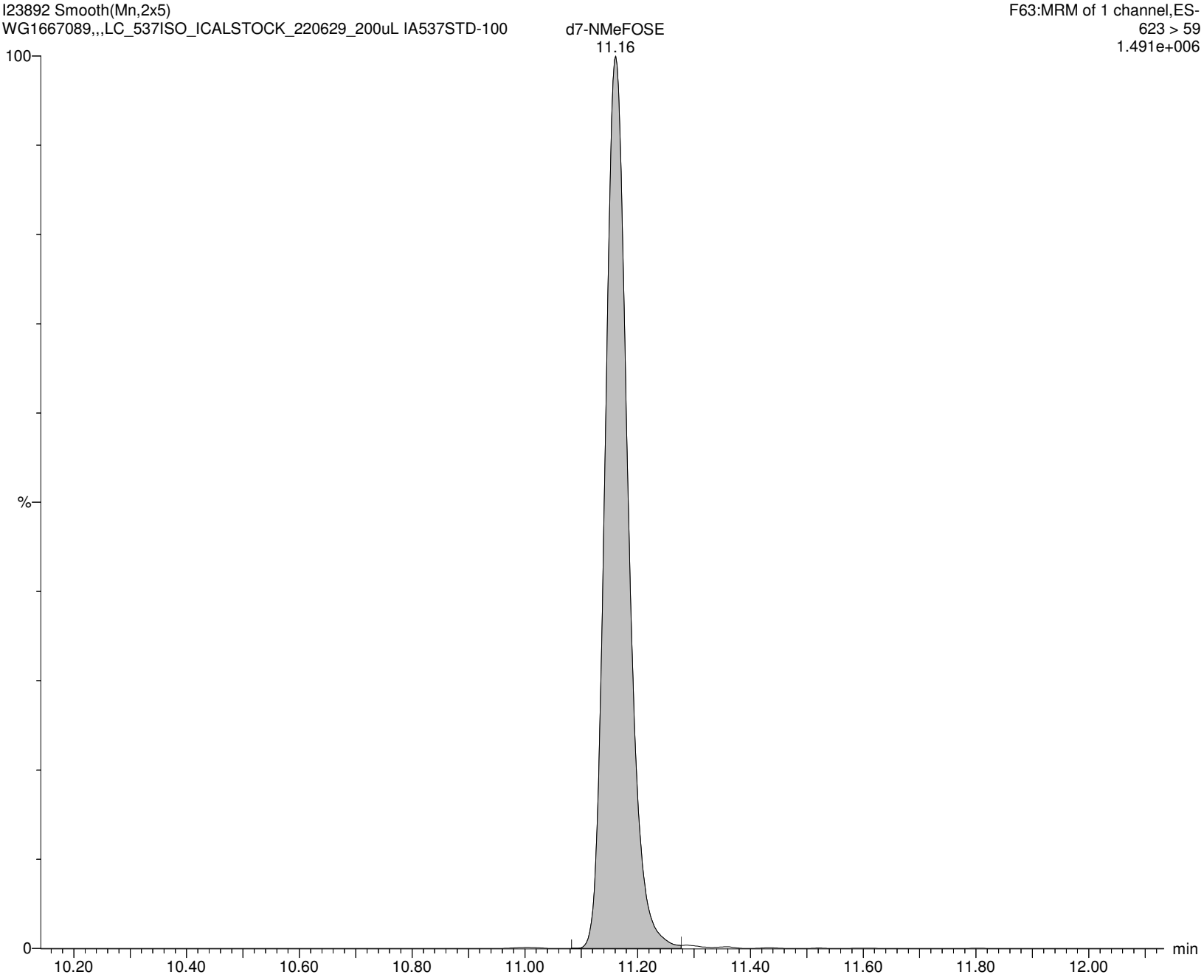


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

d7-NMeFOSE

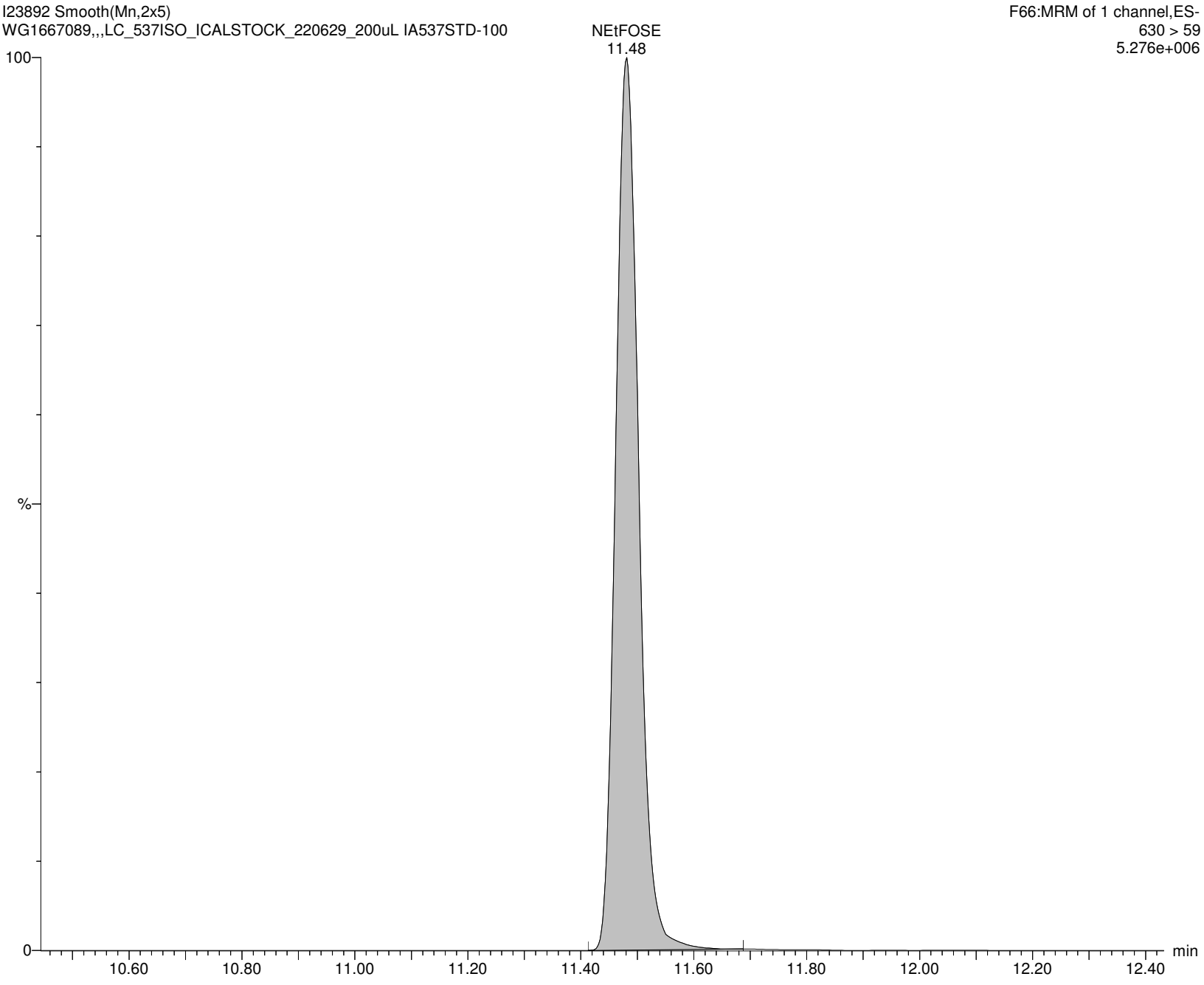


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NEtFOSE

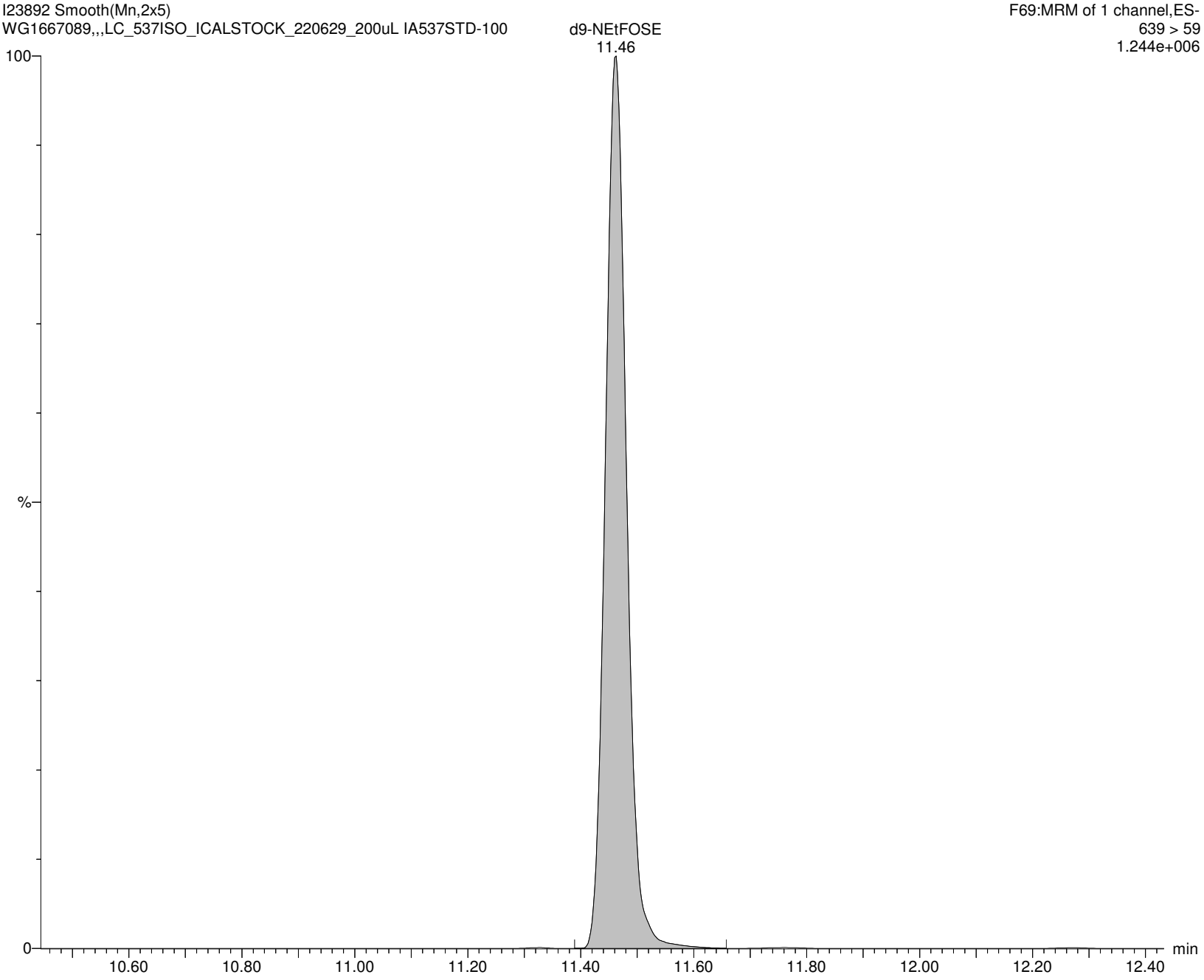


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

d9-NEtFOSE

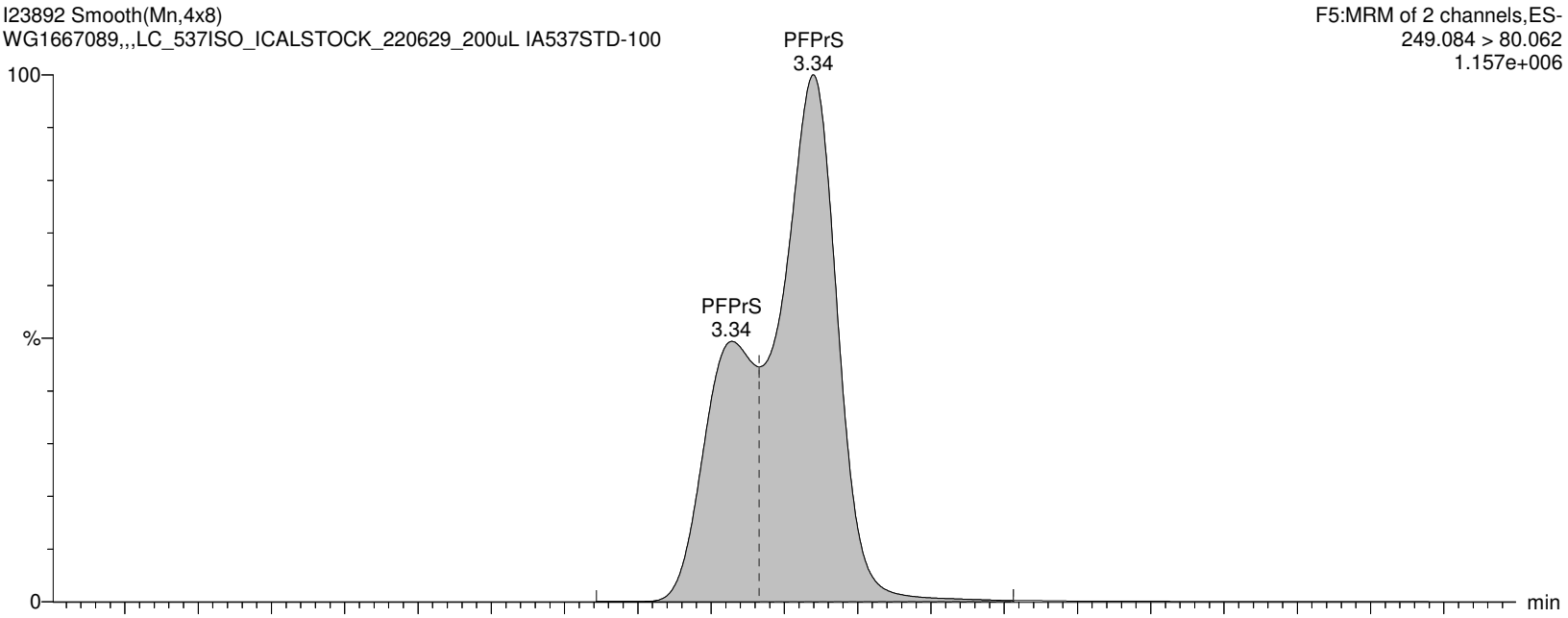


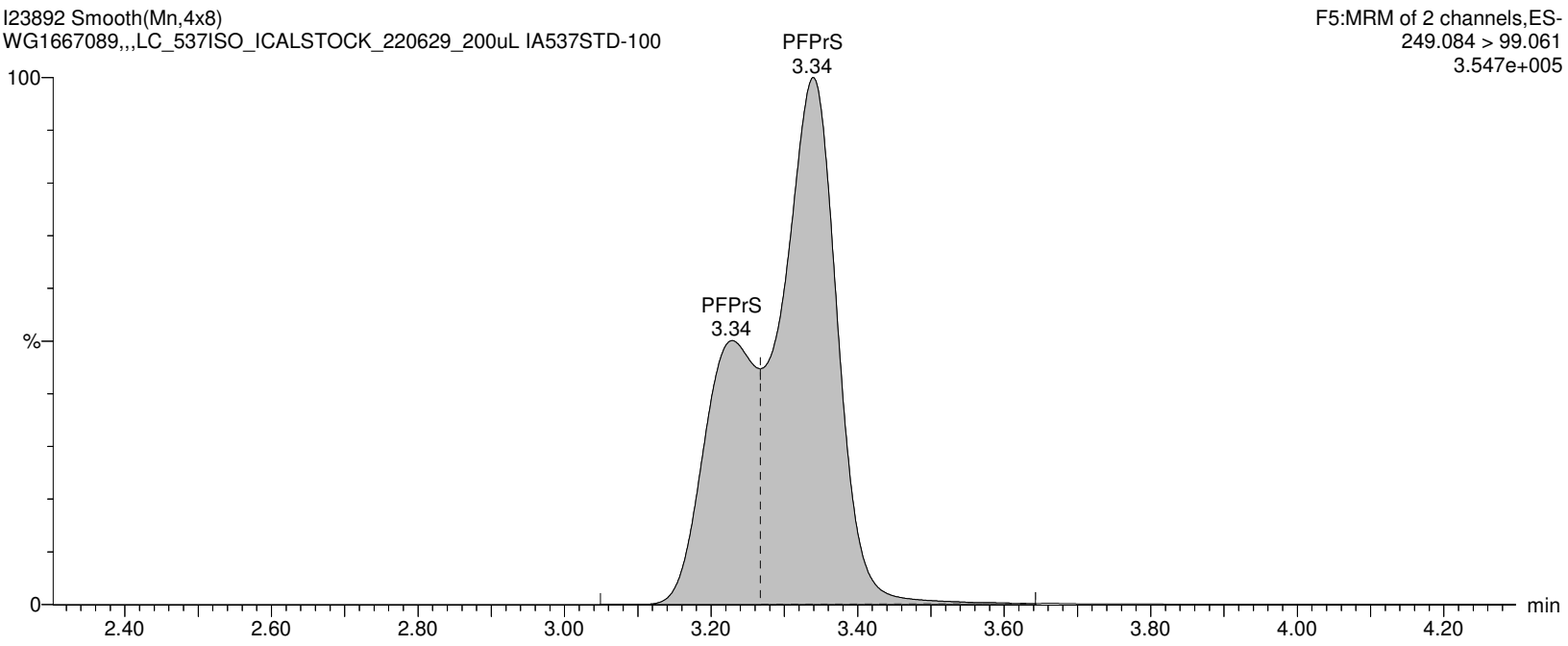
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFPrS



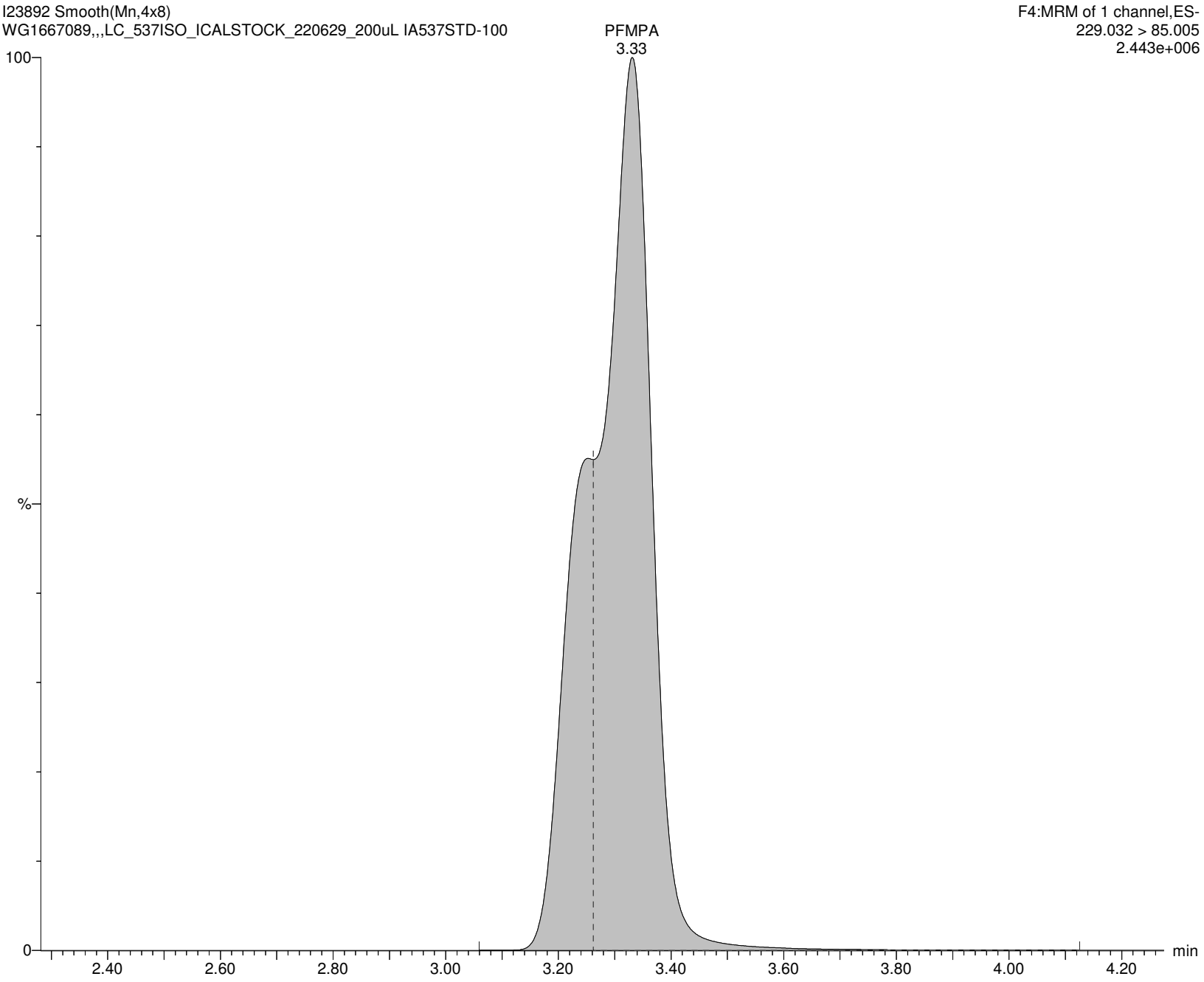


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFMPA

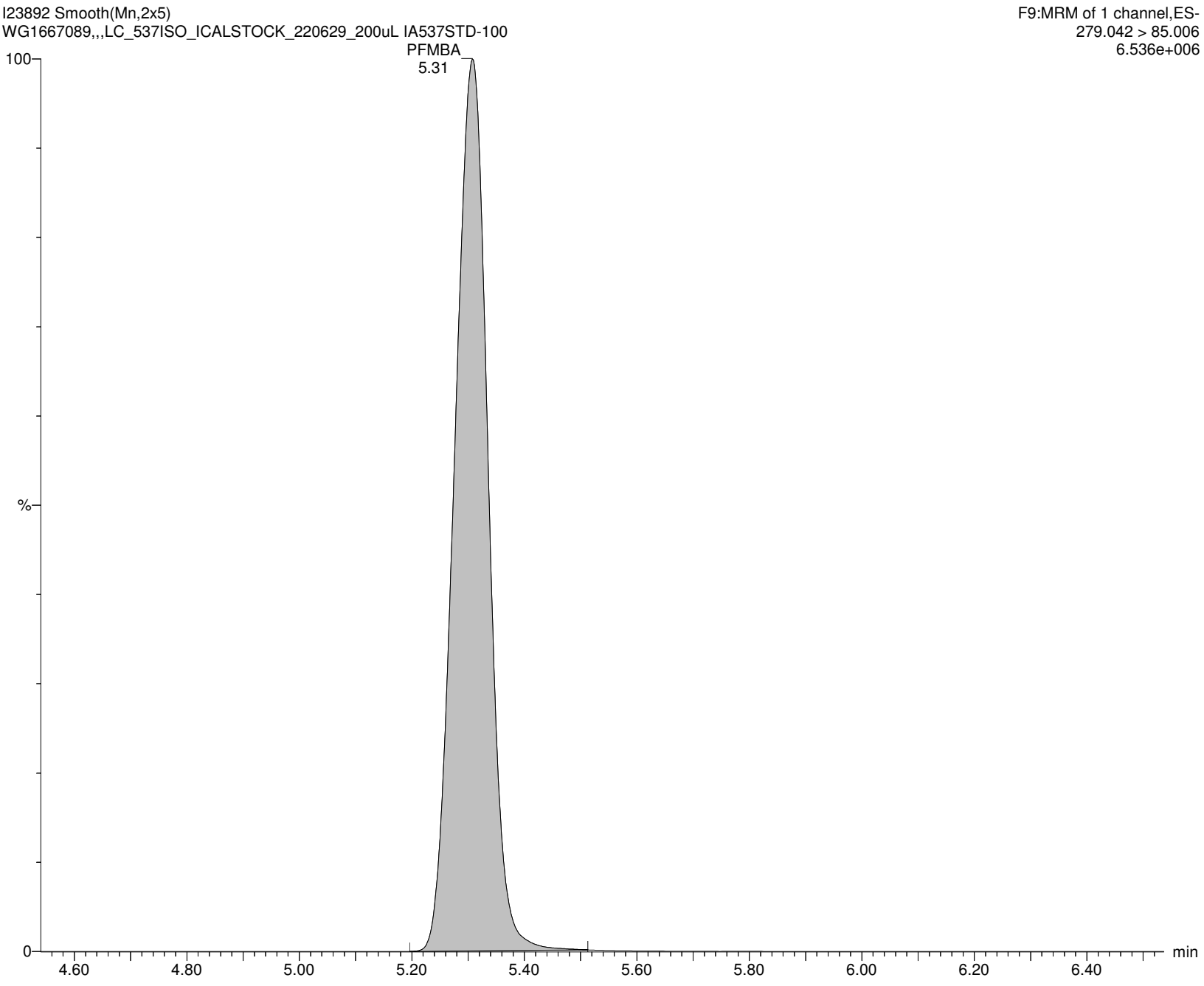


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFMBA

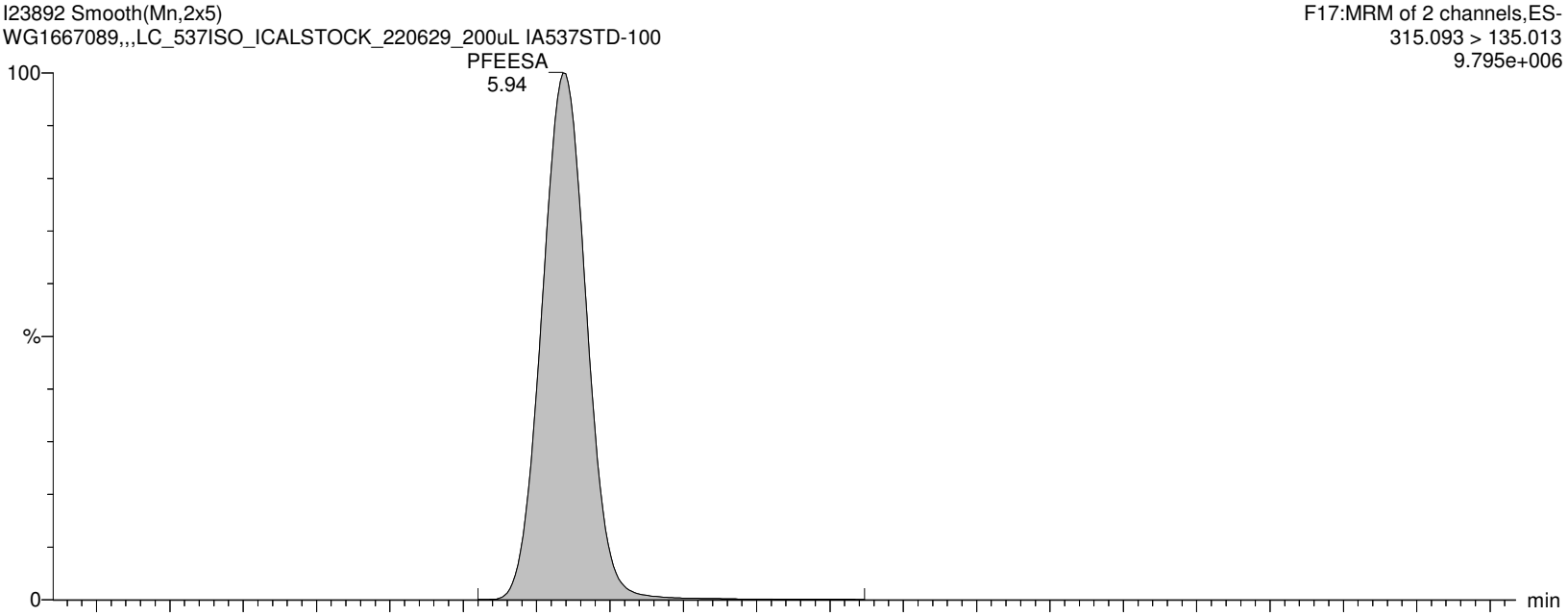


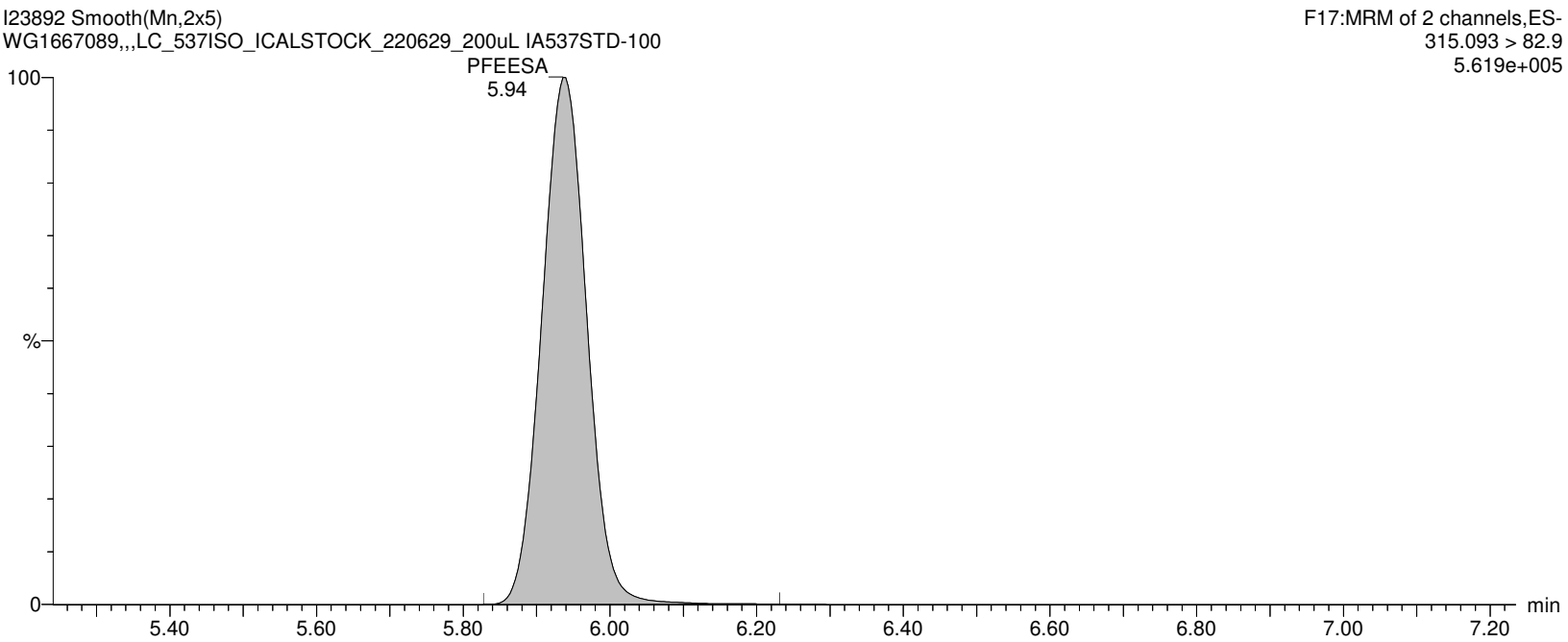
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFEESA



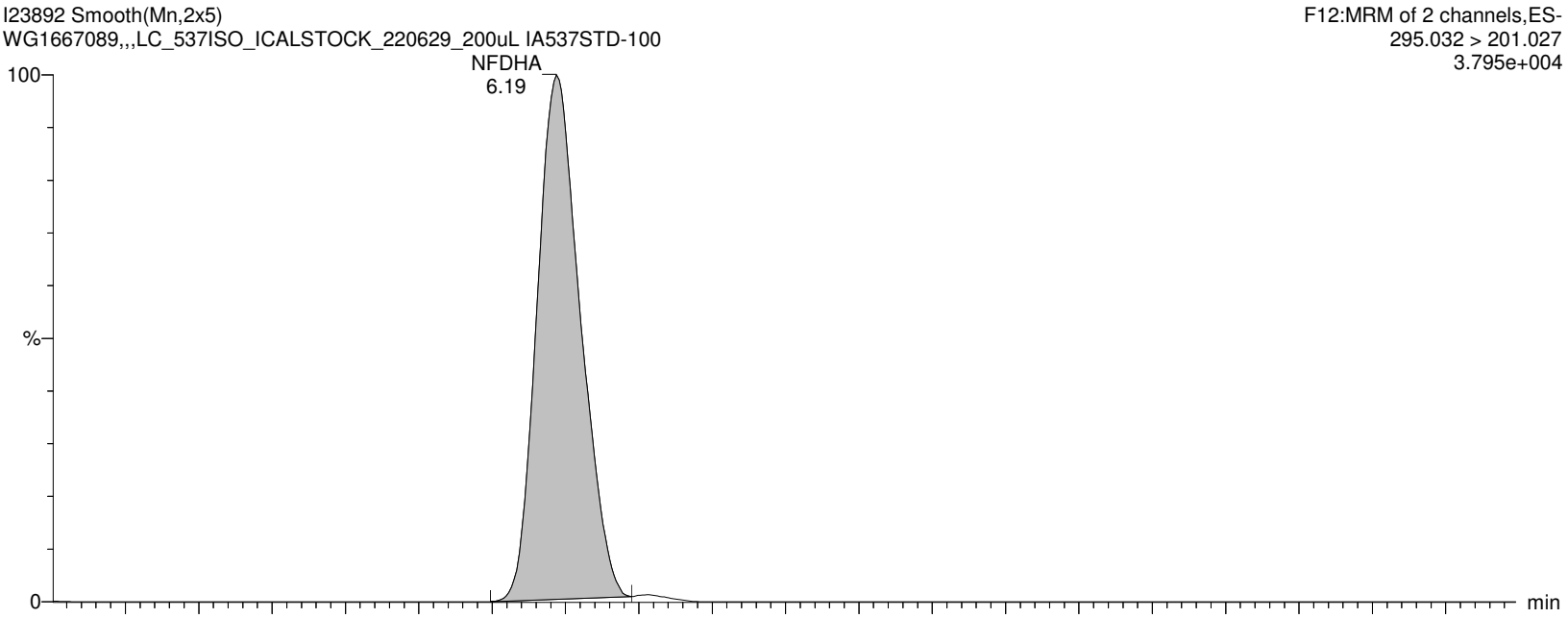


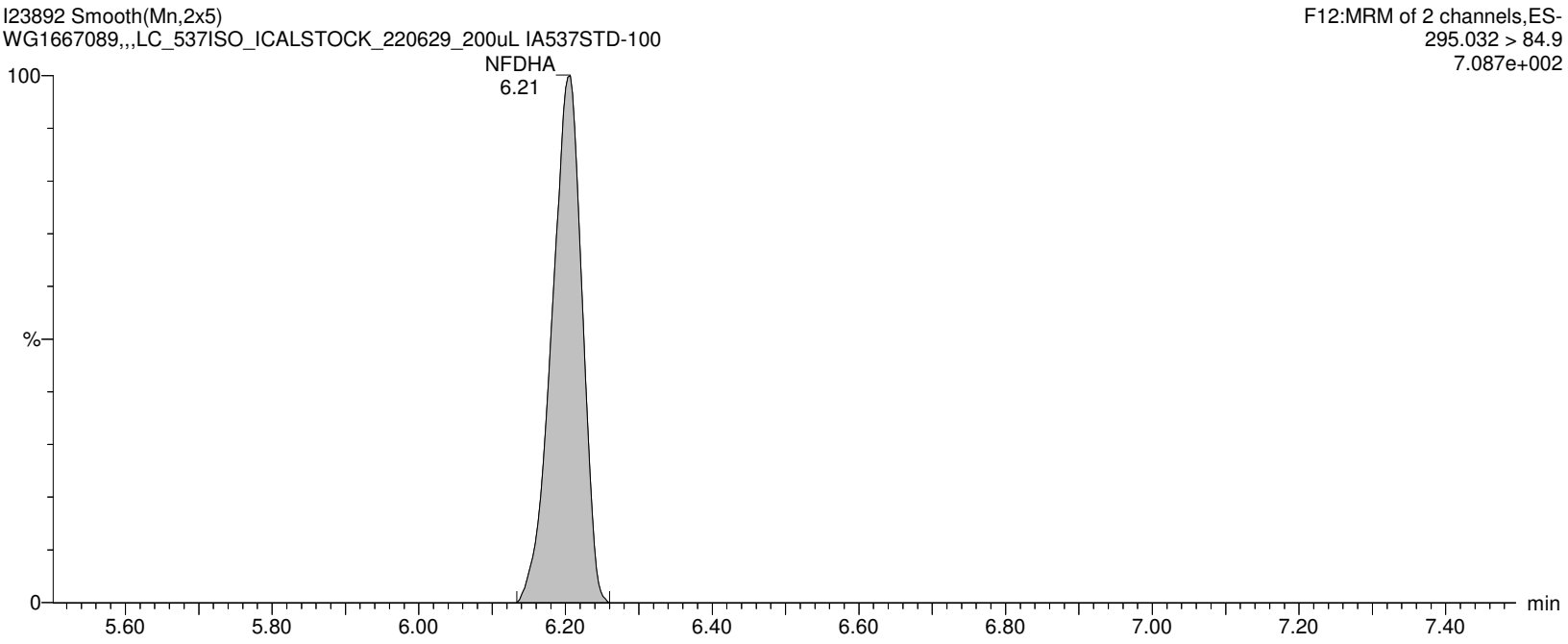
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NFDHA



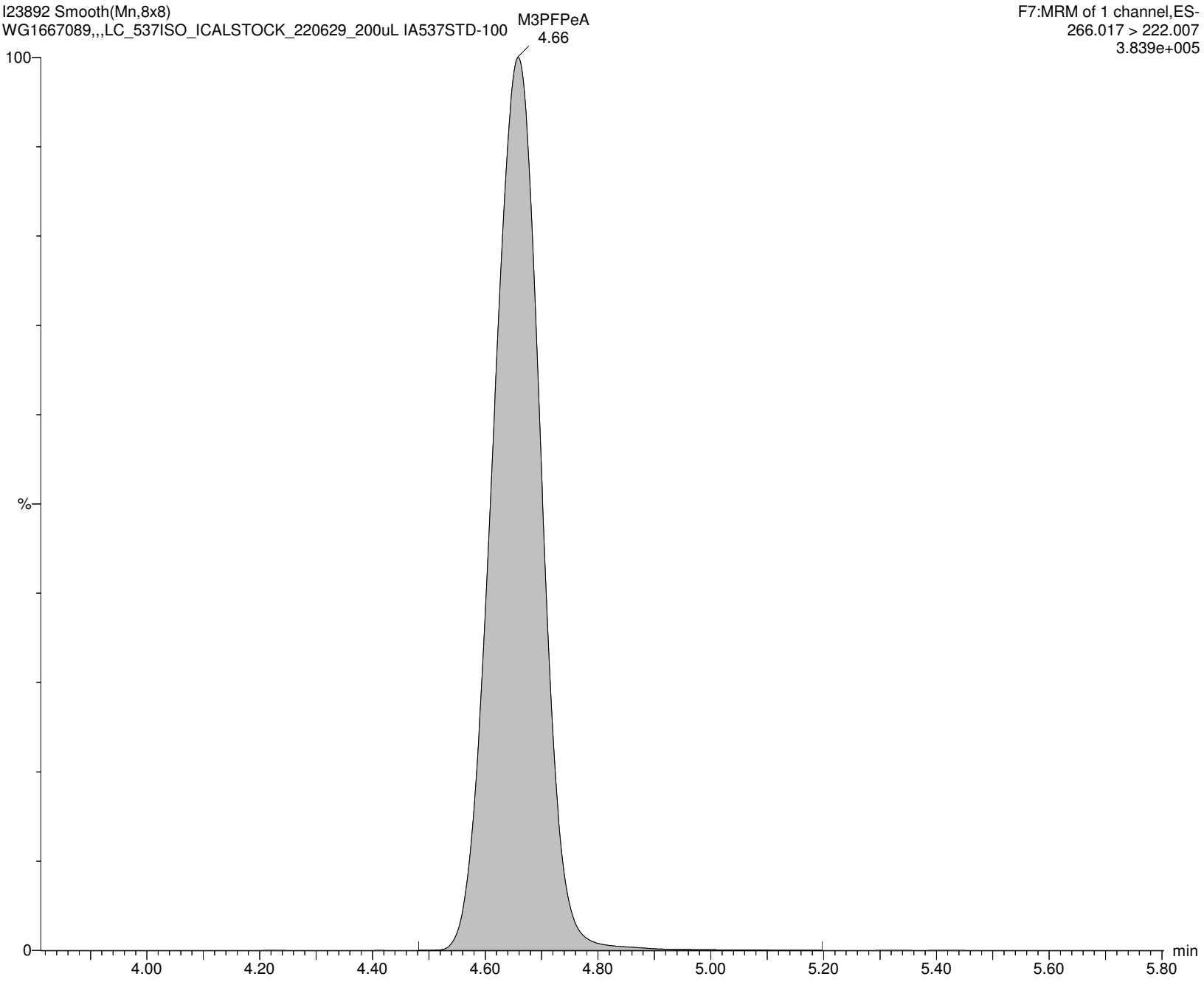


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M3PFPeA

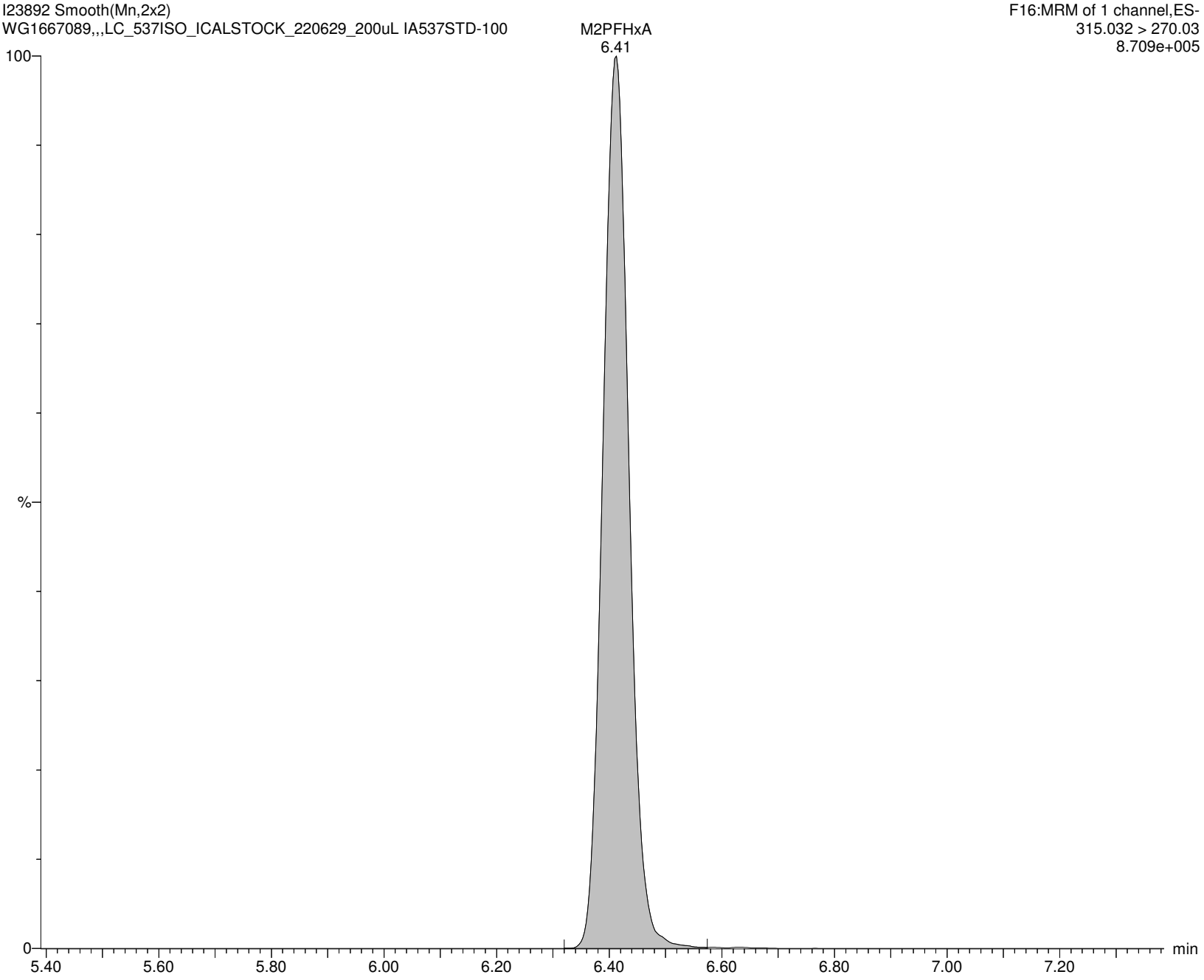


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2PFHxA

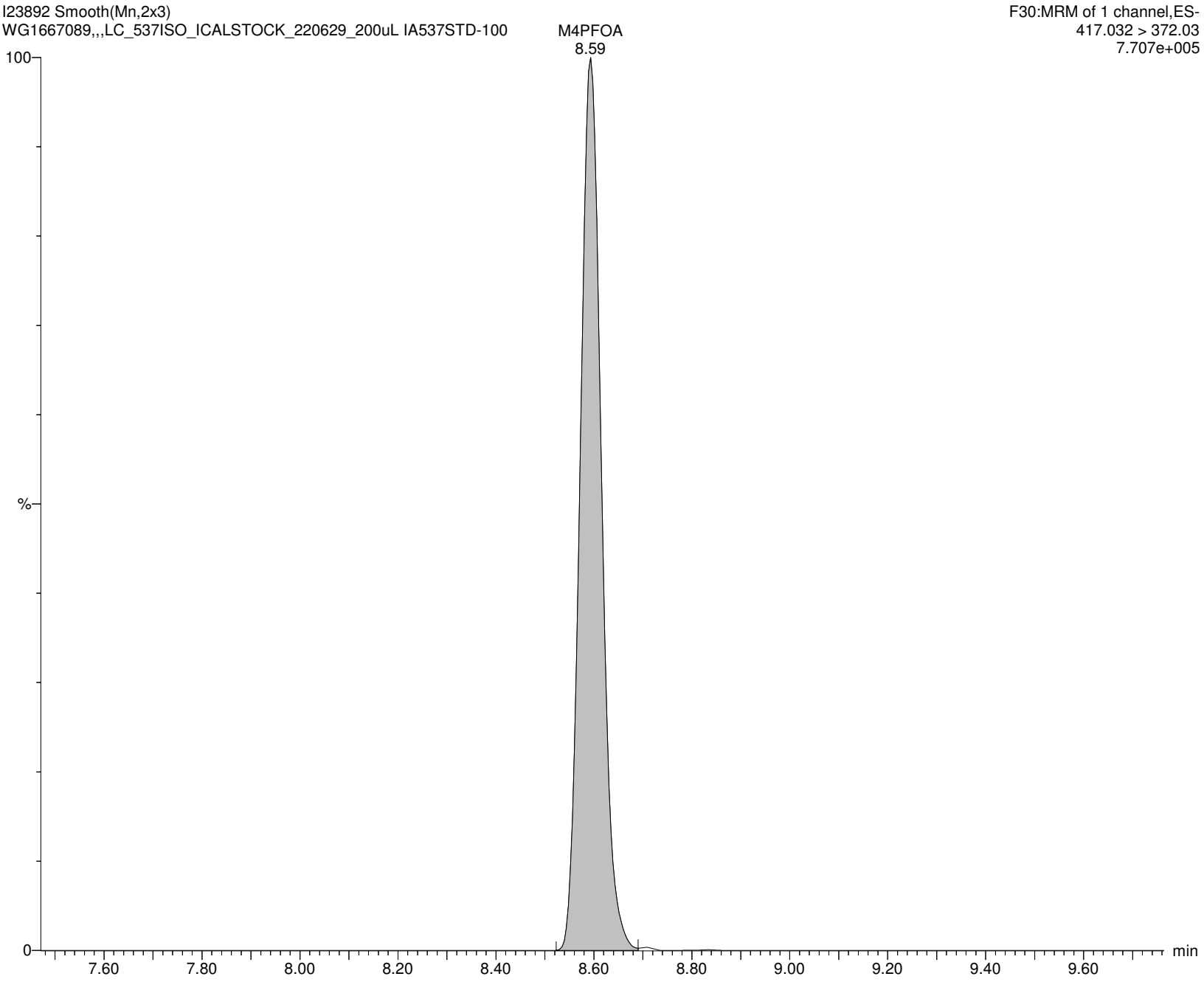


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:33 Eastern Daylight Time

Name: I23892
ID: IA537STD-100
Date: 26-Jul-2022
Time: 01:52:25
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M4PFOA



all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\MethDB\537ISO_Q_220725.mdb 26 Jul 2022 09:31:55
Calibration: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\CurveDB\220725_ICAL.cdb 26 Jul 2022 09:37:13

ID: IA537STD-250
Name: I23893
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:RS
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.07	213.032 > 169.022	968045		256.051		na	102.4
2	M3PFBA	INT STD	2.10	216.009 > 171.999	35274		9.441		na	94.4
3	MPFBA	INT STD	2.10	217.001 > 171.999	39875		9.956		na	99.6
4	PFPeA	2706-90-3	4.66	263.039 > 219.03	984840		256.500		na	102.6
5	M5PFPEA	INT STD	4.65	268.001 > 222.999	37080		9.401		na	94.0
6	PFBS	375-73-5	5.24	299.092 > 80.062	320521		228.181	2.00	NO	102.9
7	M3PFBS	INT STD	5.24	302.069 > 80.062	11871		9.583		na	102.8
8	4:2FTS	757124-72-4	6.33	327.146 > 307.139	68316		ND	1.22	NO	
9	M2-4:2FTS	INT STD	6.33	329.13 > 309.124	6273		25.300		na	269.7
10	PFHxA	307-24-4	6.40	313.047 > 269.037	1143608		255.386	11.33	NO	102.2
11	M5PFHxA	INT STD	6.40	318.009 > 273.007	43649		9.894		na	98.9
12	PFPeS	2706-91-4	6.71	349.1 > 80.062	319776		234.761	1.74	NO	99.8
13	PFHpA	375-85-9	7.65	363.055 > 319.045	948954		257.172	3.70	NO	102.9
14	M4PFHpA	INT STD	7.65	367.025 > 322.022	35462		9.592		na	95.9
15	br-PFHxS	355-46-4	7.58	399.107 > 80.062	72611	m5,m7	47.150	2.20	NO	99.8
16	L-PFHxS	355-46-4	7.81	399.107 > 80.062	236229		202.414	1.65	NO	99.8
17	PFHxS	355-46-4		399.107 > 80.062	308840		249.564		na	
18	M3PFHxS	INT STD	7.81	402.084 > 80.062	11263		8.730		na	92.1
19	br-PFOA	335-67-1		413.063 > 369.053			ND		YES	
20	L-PFOA	335-67-1	8.59	413.063 > 369.053	1010314		256.259	6.36	NO	102.5
21	PFOA	335-67-1		413.063 > 369.053	1010314		256.259		na	
22	M8PFOA	INT STD	8.59	421.002 > 376.	34521		10.047		na	100.5
23	M2PFOA	INT STD	8.59	415.048 > 370.045	35451		8.498		na	85.0
24	6:2FTS	27619-97-2	8.55	427.161 > 407.155	72947		ND	2.19	NO	
25	M2-6:2FTS	INT STD	8.55	429.146 > 409.14	7316		24.729		na	260.0
26	PFHpS	375-92-8	8.69	449.115 > 80.062	310477		241.093	1.77	NO	101.2
27	PFNA	375-95-1	9.36	463.071 > 419.061	909115		258.551	3.78	NO	103.4
28	M9PFNA	INT STD	9.36	472.002 > 427.	30260		9.427		na	94.3
29	br-PFOS	1763-23-1	9.22	499.123 > 80.062	104713		52.786	4.16	NO	100.1
30	L-PFOS	1763-23-1	9.42	499.123 > 80.062	243498		197.983	1.78	NO	100.4
31	PFOS	1763-23-1		499.123 > 80.062	348212		250.769		na	
32	M4PFOS	INT STD	9.42	503.093 > 80.062	12142		7.629		na	76.3
33	M8PFOS	INT STD	9.41	507.062 > 80.062	11461		9.207		na	96.0
34	PFDA	335-76-2	9.99	513.078 > 469.069	533472		253.282	2.34	NO	101.3
35	M2PFDA	INT STD	9.99	515.063 > 470.061	23777		7.754		na	77.5
36	M6PFDA	INT STD	9.99	519.033 > 474.03	20432		9.955		na	99.6
37	8:2FTS	39108-34-4	9.98	527.177 > 507.171	47756		57.815	1.62	NO	24.1
38	M2-8:2FTS	INT STD	9.98	529.162 > 509.155	6124		28.568		na	297.6
39	PFNS	68259-12-1	10.02	549.131 > 80.062	269832		240.398	2.18	NO	100.0

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

ID: IA537STD-250
Name: I23893
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:RS
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.40	573.22 > 419.061	6363		13.264		na	132.6
41	br-NMeFOSAA	2355-31-9	10.25	570.202 > 419.061	10168	m5,m7	59.817	0.89	NO	99.7
42	L-NMeFOSAA	2355-31-9	10.40	570.202 > 419.061	77548		190.256	1.85	NO	100.1
43	NMeFOSAA	2355-31-9		570.202 > 419.061	87716		250.074		na	
44	PFUnA	2058-94-8	10.54	563.086 > 519.076	545779		250.717	5.23	NO	100.3
45	M7-PFUDA	INT STD	10.54	570.033 > 525.031	17991		8.683		na	86.8
46	PFDS	335-77-3	10.56	598.926 > 80.062	187866		243.013	2.08	NO	100.7
47	FOSA	754-91-6	10.54	498.146 > 78.07	778419		249.405	50.63	NO	99.8
48	M8FOSA	INT STD	10.54	506.077 > 78.07	29423		8.963		na	89.6
49	d5-NEtFOSAA	INT STD	10.70	589.259 > 419.061	6524		13.257		na	132.6
50	br-NEtFOSAA	2991-50-6	10.56	584.229 > 419.061	8417	m5,m7	56.050	0.65	NO	99.6
51	L-NEtFOSAA	2991-50-6	10.71	584.229 > 419.061	79498		193.643	1.24	NO	99.9
52	NEtFOSAA	2991-50-6		584.229 > 419.061	87916		249.693		na	
53	PFDoA	307-55-1	11.03	613.094 > 569.084	628771		253.626	6.16	NO	101.5
54	MPFDOA	INT STD	11.03	615.079 > 570.077	25713		10.510		na	105.1
55	PFTrDA	72629-94-8	11.45	663.102 > 619.092	335804		249.943	4.75	NO	100.0
56	PFTA	376-06-7	11.82	713.11 > 669.1	337146		249.418	6.92	NO	99.8
57	M2PFTEDA	INT STD	11.82	715.094 > 670.092	12544		9.317		na	93.2
58	M3HFPO-DA	INT STD	6.81	287.02 > 169.022	17155		119.111		na	59.6
59	HFPO-DA	13252-13-6	6.81	285.035 > 169.022	231843		2536.193	3.77	YES	101.4
60	ADONA	958445-44-8	7.83	377.06 > 251.028	1254899		235.395	31.54	NO	99.6
61	PFHxDA		12.44	813.122 > 769.116	429264		248.907	19.62	NO	99.6
62	PFODA		12.77	913.411 > 869.131	95161		251.457	23.28	NO	100.6
63	M2PFHxDA		12.45	815.102 > 770.108	14323		9.734		na	97.3
64	PFDoS		11.44	699.154 > 80.062	218548		237.658	1.72	NO	98.2
65	M2D4-10:2FTS		11.03	633.201 > 612.189	2289		19.632		na	100.2
66	10:2FTS		11.04	627.192 > 607.186	39970	m4,m7	242.166	1.88	NO	100.3
67	9CL-PF3ONS		9.77	530.862 > 350.843	494283		234.468	4.28	NO	100.5
68	11CL-PFOUdS		10.82	630.862 > 450.854	286825		238.023	2.39	NO	101.0
69	NMeFOSA		11.18	512.163 > 169.022	1042191		1214.501	2.22	NO	97.2
70	d3-NMeFOSA		11.17	515.183 > 169.022	82963		101.616		na	101.6
71	NEtFOSA		11.49	526.192 > 169.022	1197453		1250.163	6.45	NO	100.0
72	d5-NEtFOSA		11.48	531.222 > 169.022	88347		94.885		na	94.9
73	NMeFOSE		11.18	616 > 59	559666		618.873		na	99.0
74	d7-NMeFOSE		11.16	623 > 59	60559		86.801		na	86.8
75	NEtFOSE		11.48	630 > 59	497197		623.003		na	99.7
76	d9-NEtFOSE		11.46	639 > 59	49943		95.150		na	95.1
77	PFPrS		3.34	249.084 > 80.062	340964	m3,m7	229.827	3.29	NO	99.9
78	PFMPA		3.33	229.032 > 85.005	708713	m3	248.686		na	99.5
79	PFMBA		5.31	279.042 > 85.006	1011505		251.013		na	100.4
80	PFEESA		5.94	315.093 > 135.013	1560485		221.934	17.65	NO	99.7
81	NFDHA		6.19	295.032 > 201.027	8520		250.542	54.94	NO	100.2
82	M3PFPeA		4.66	266.017 > 222.007	34759		9.345		na	93.5

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

ID: IA537STD-250
Name: I23893
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:RS
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
83	M2PFHxA		6.40	315.032 > 270.03	41549		10.007		na	100.1
84	M4PFOA		8.59	417.032 > 372.03	30976		9.097		na	91.0

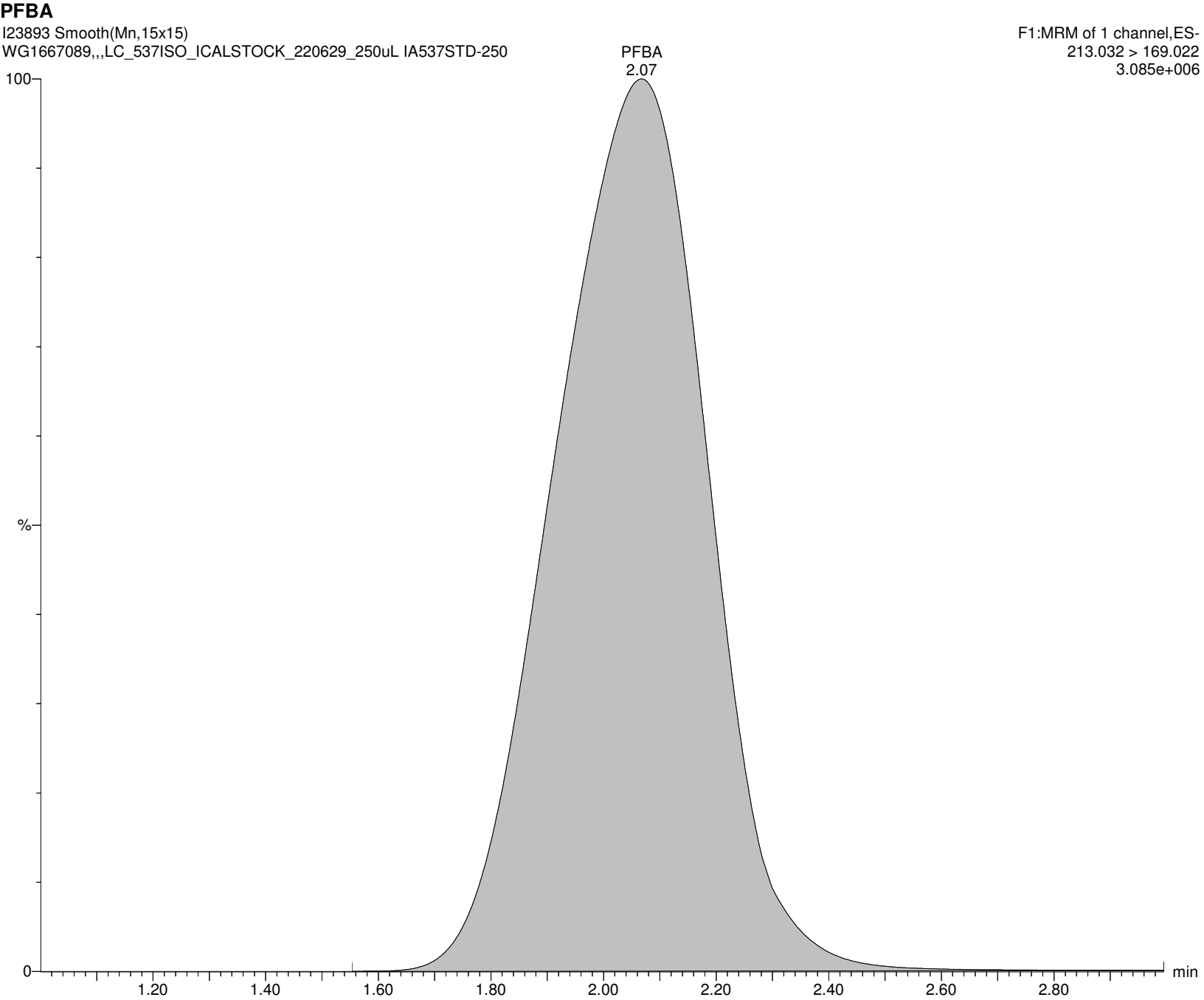
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\MethDB\537ISO_Q_220725.mdb 26 Jul 2022 09:31:55
Calibration: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\CurveDB\220725_ICAL.cdb 26 Jul 2022 09:37:13

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFBA

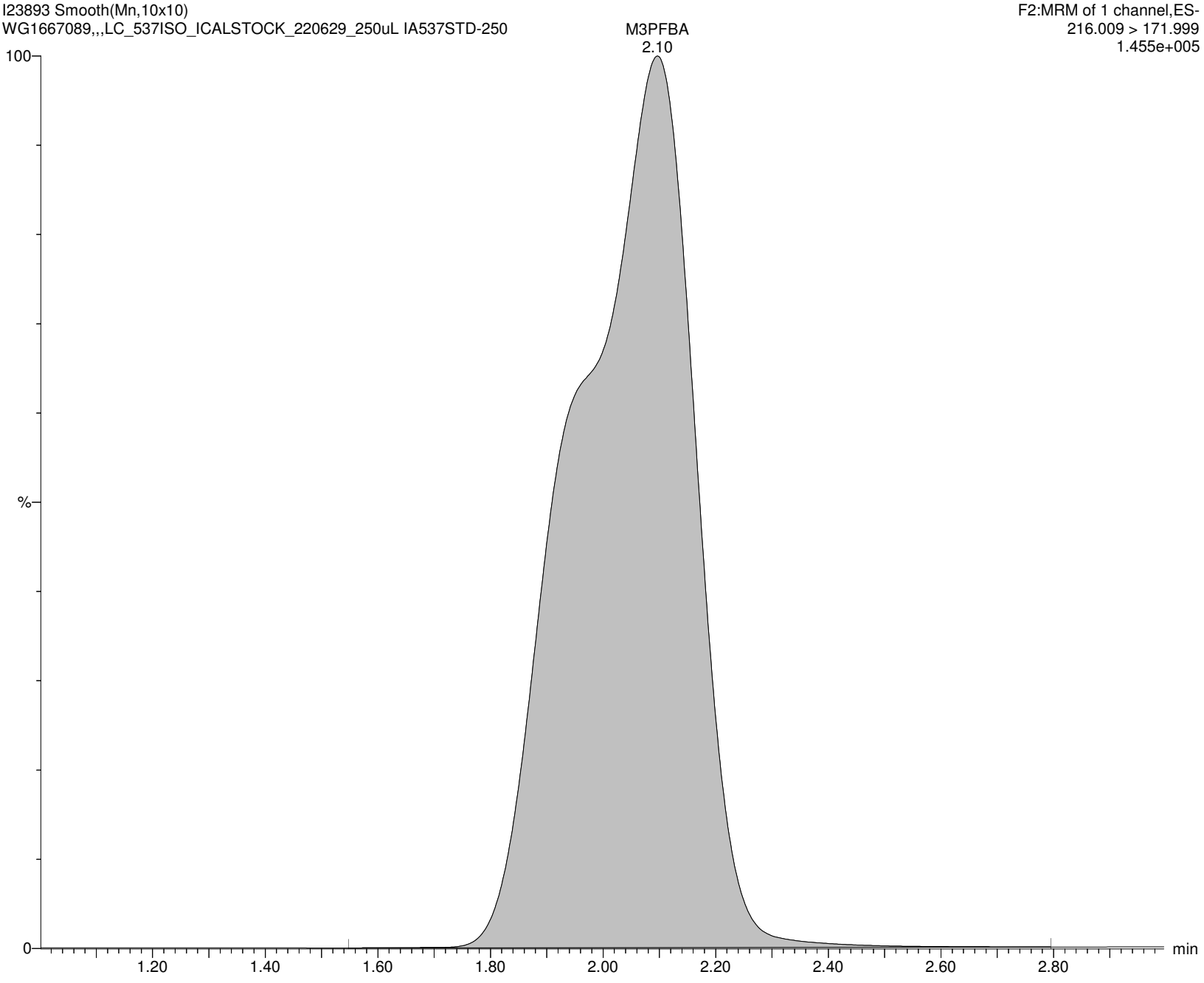


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M3PFBA

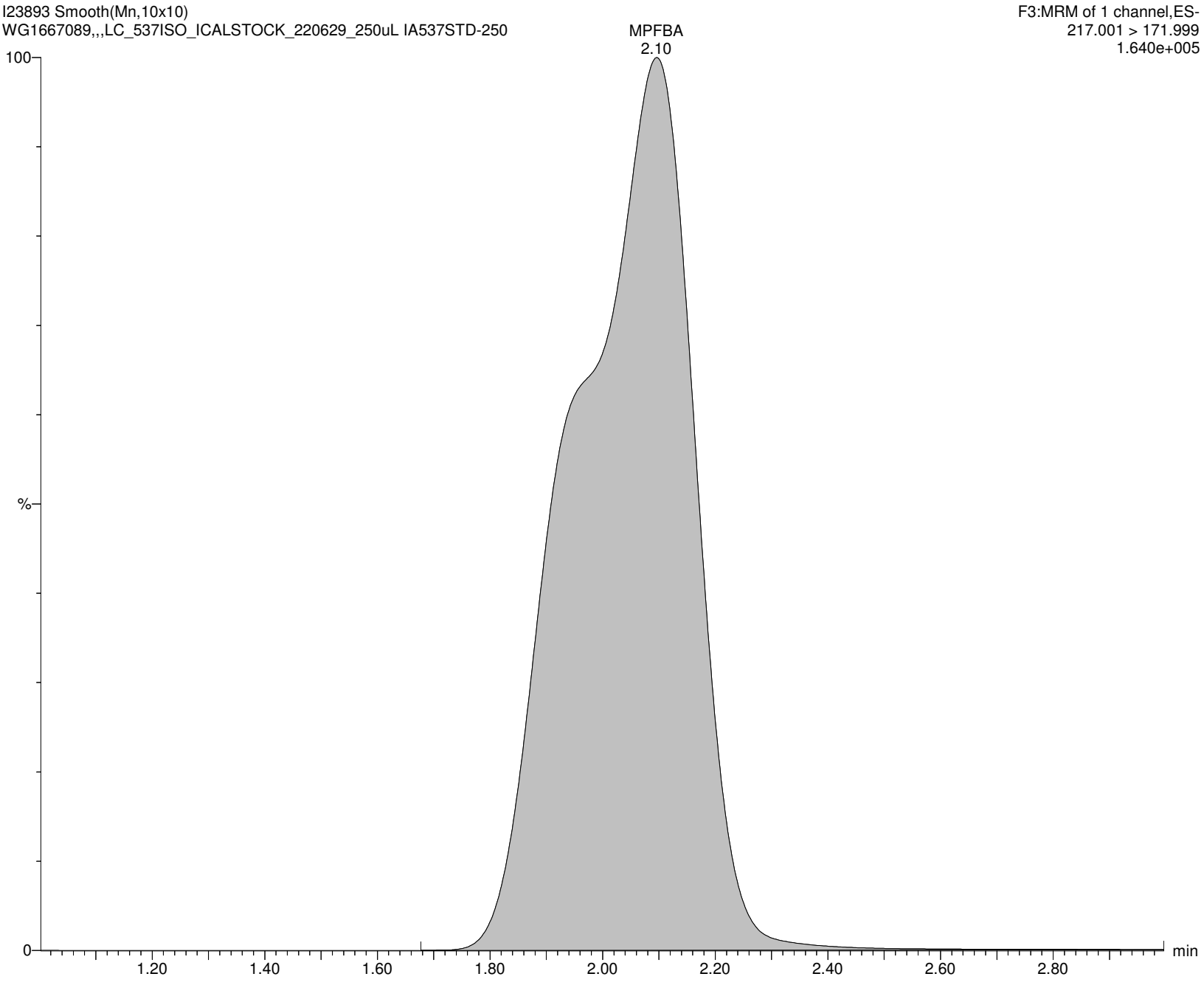


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

MPFBA

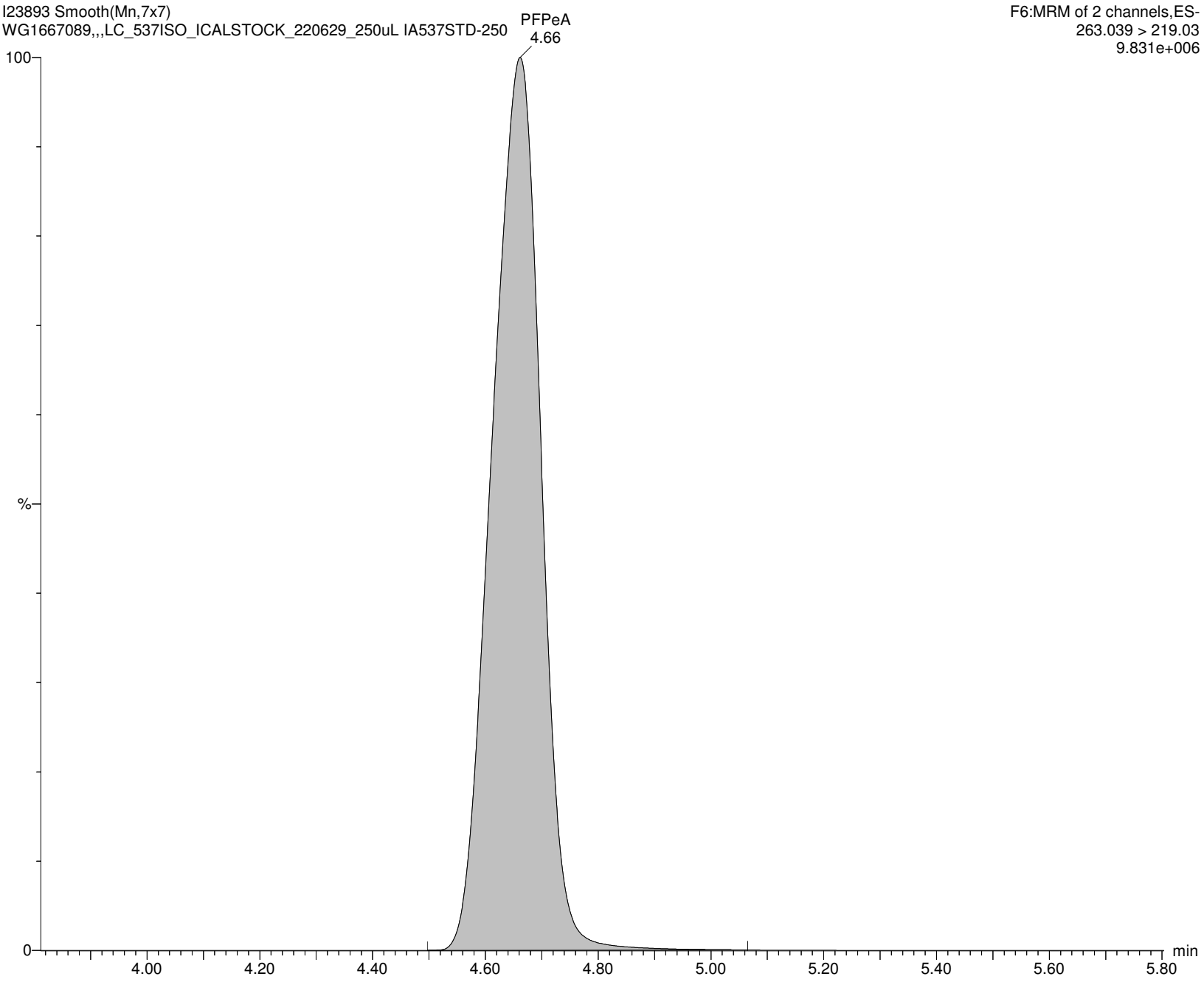


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFPeA

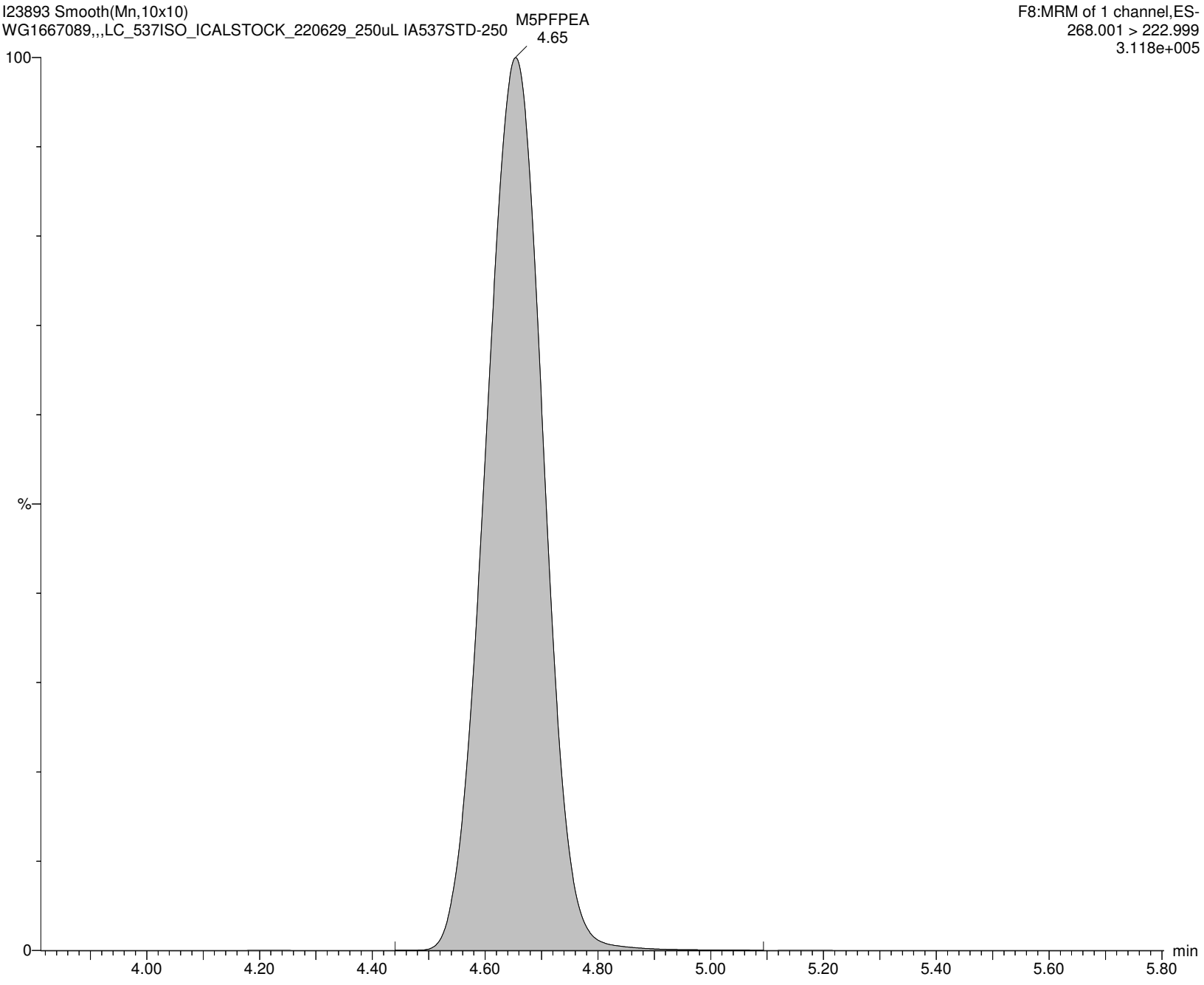


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M5PFPEA

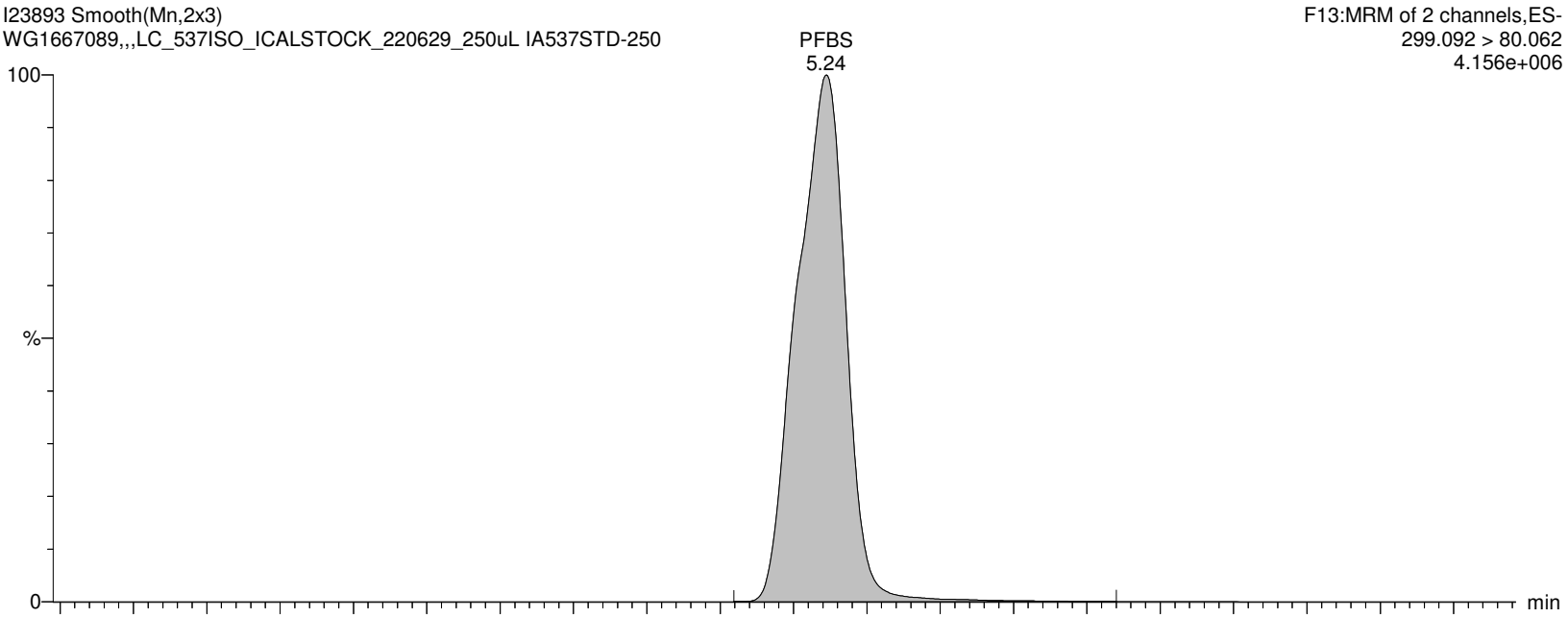


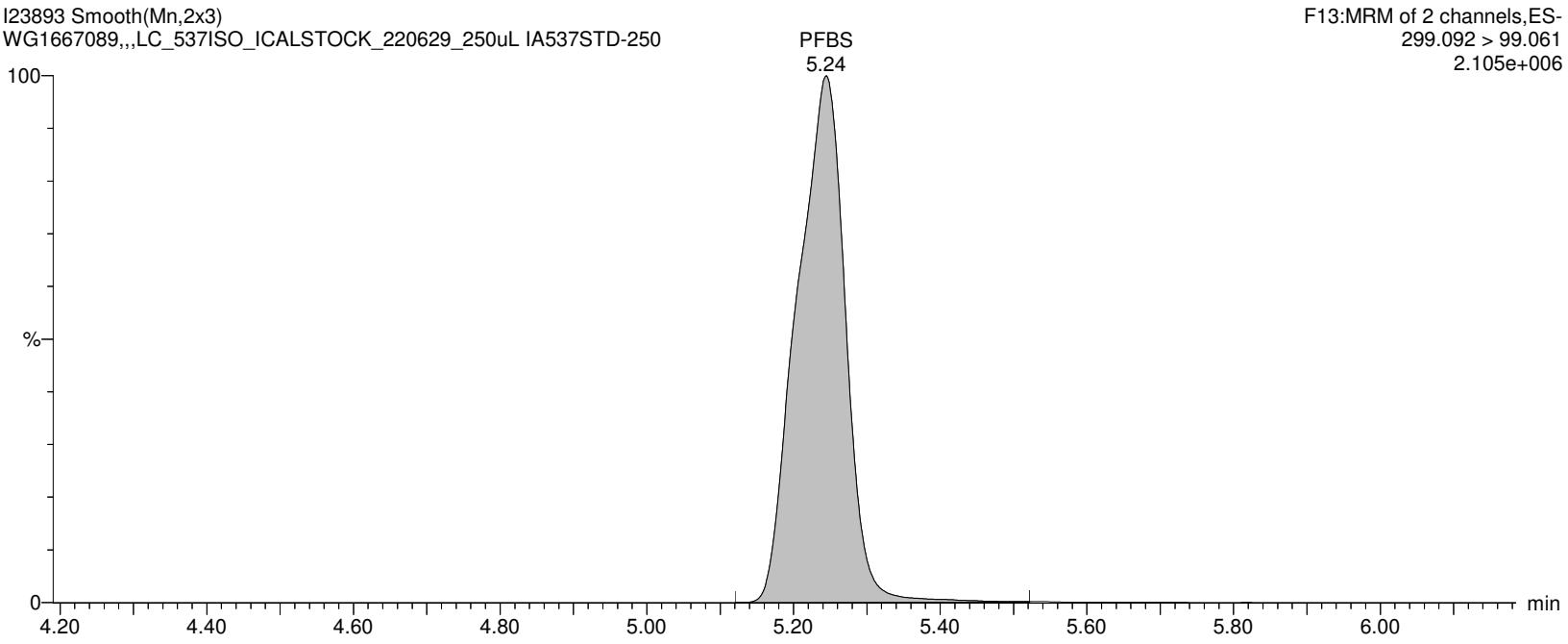
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFBS



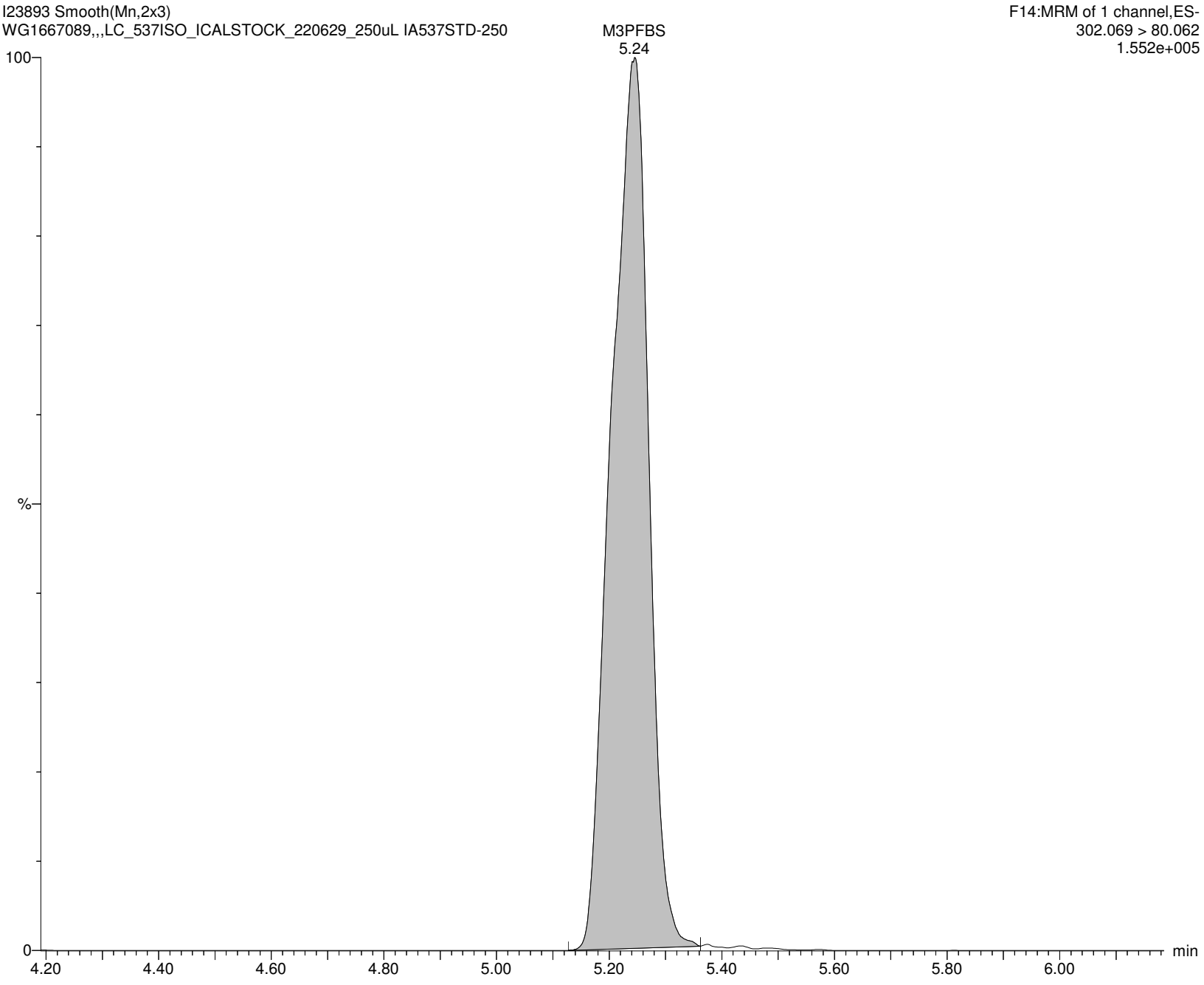


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M3PFBS

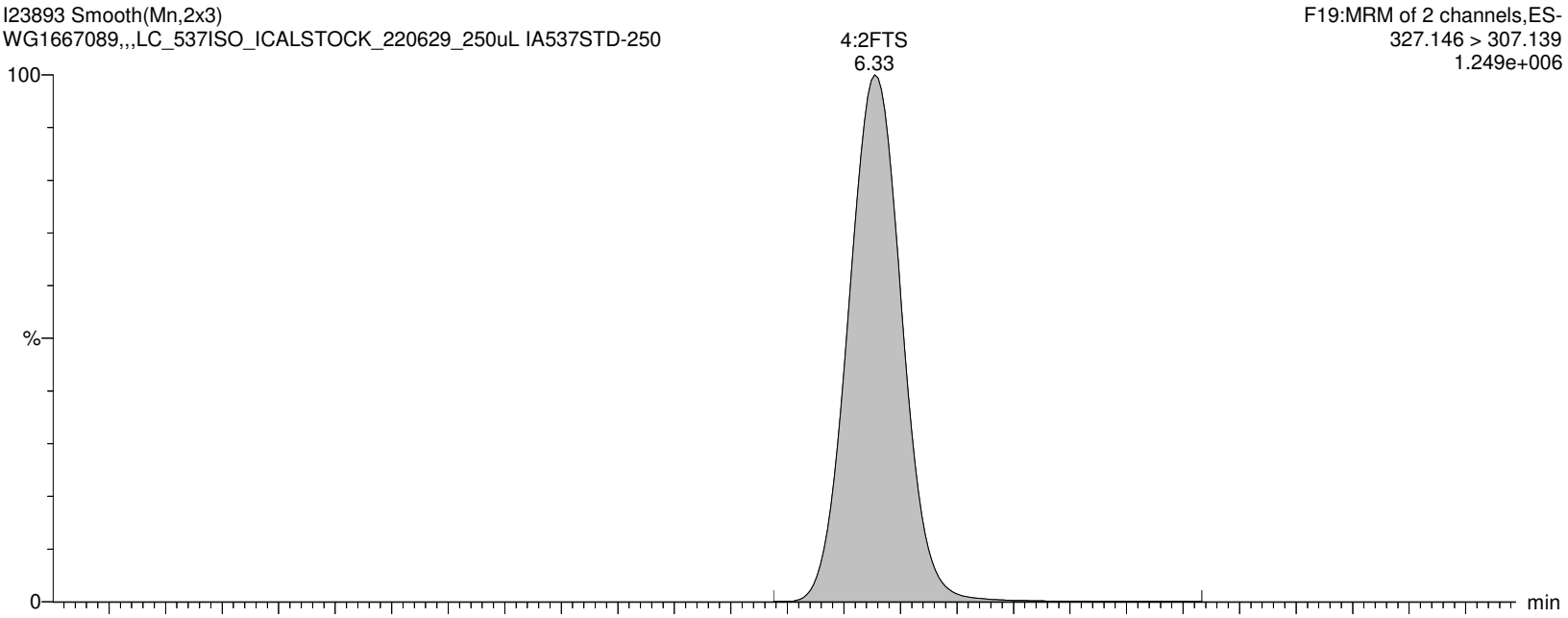


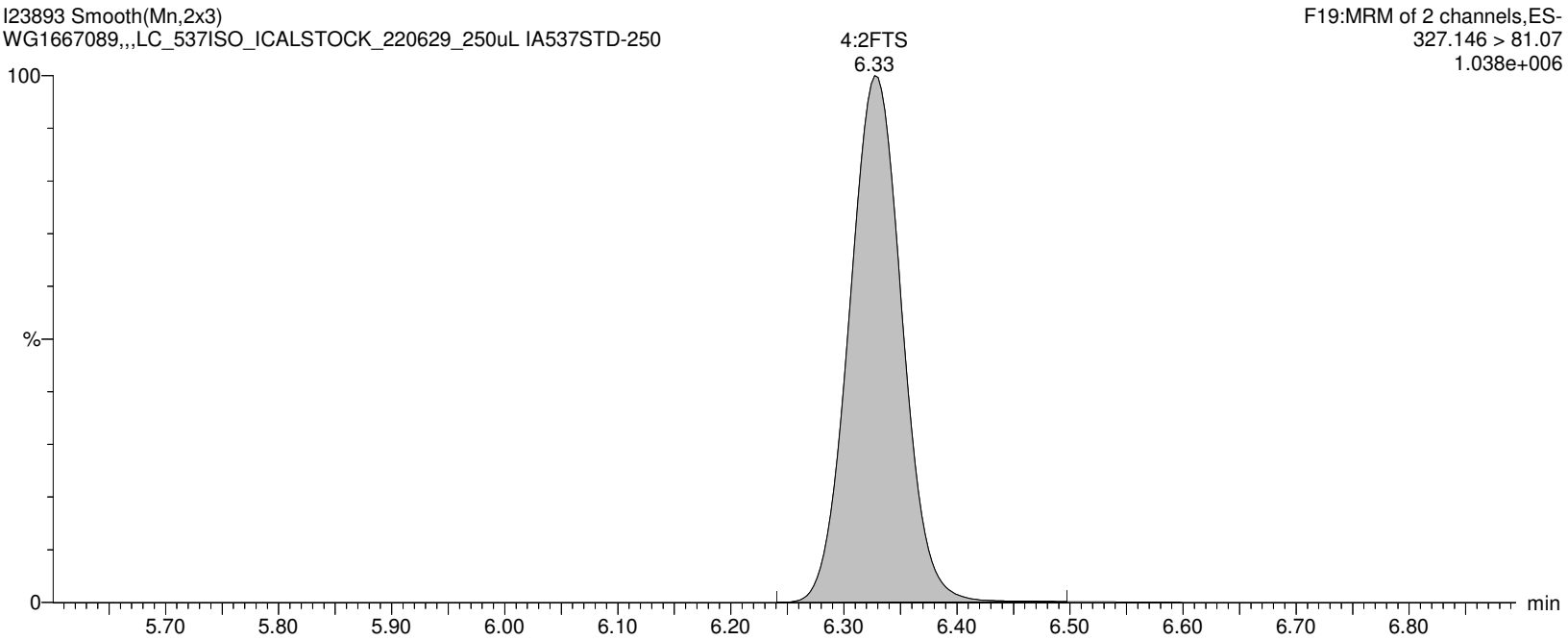
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

4:2FTS



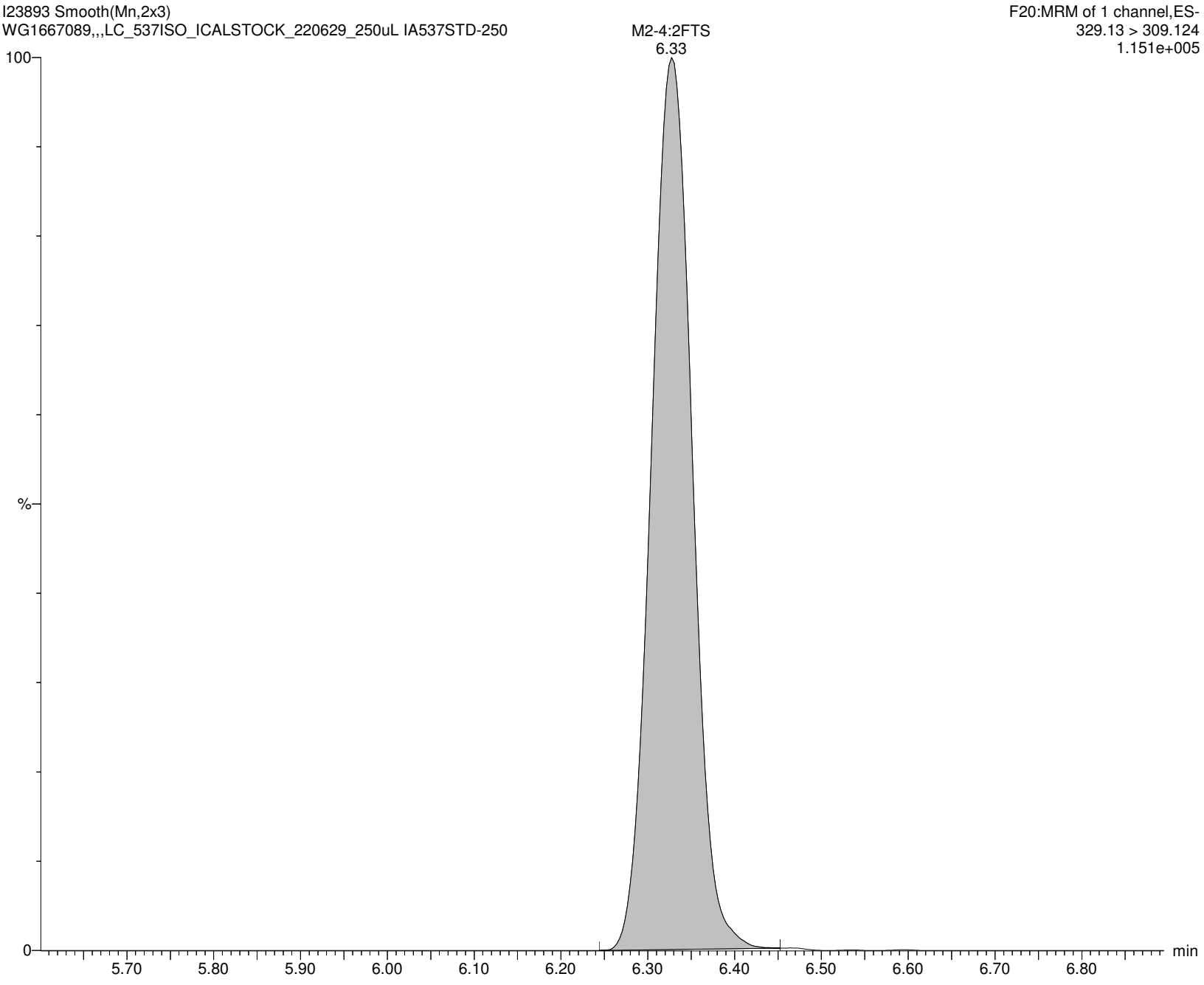


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2-4:2FTS

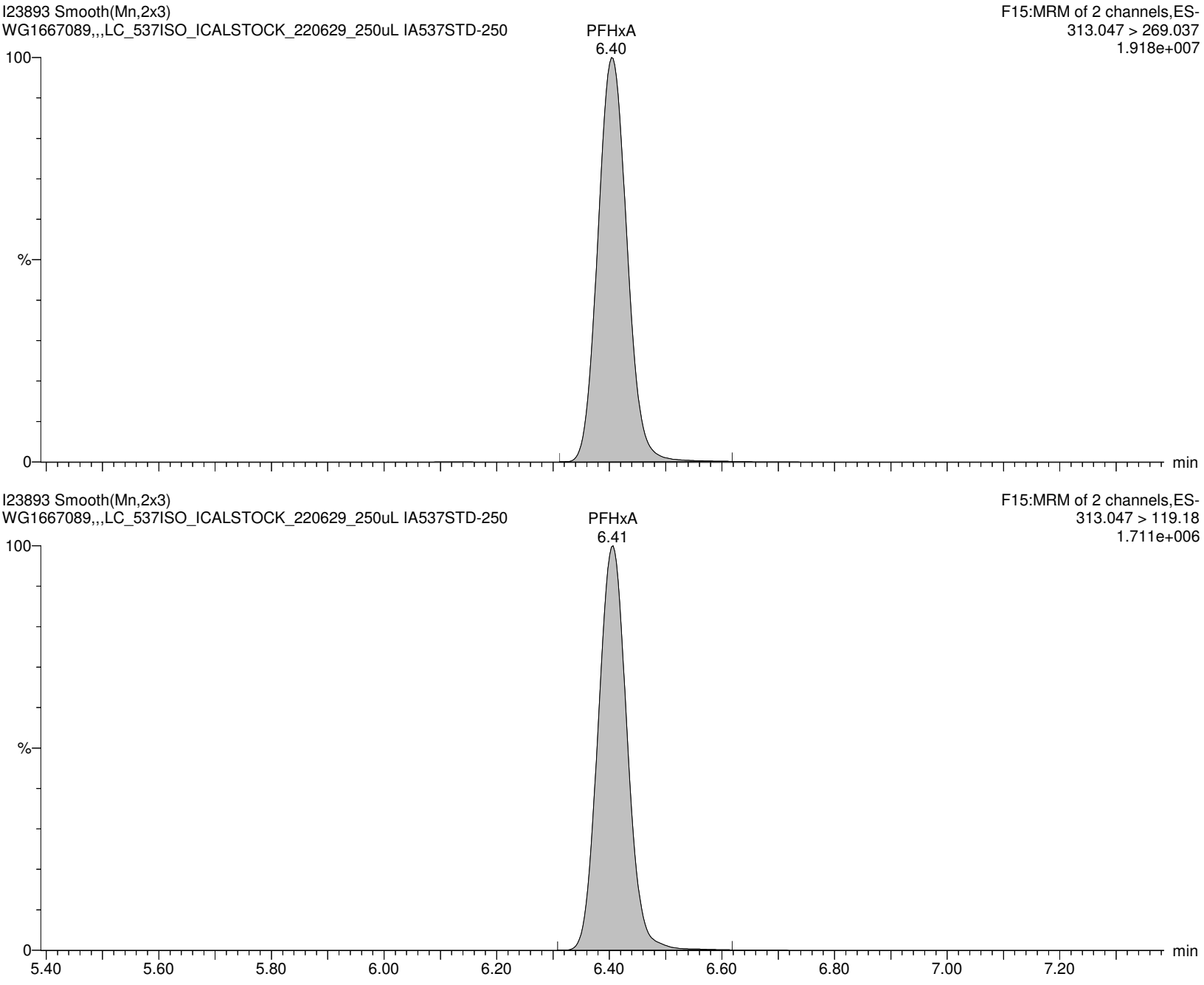


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFHxA

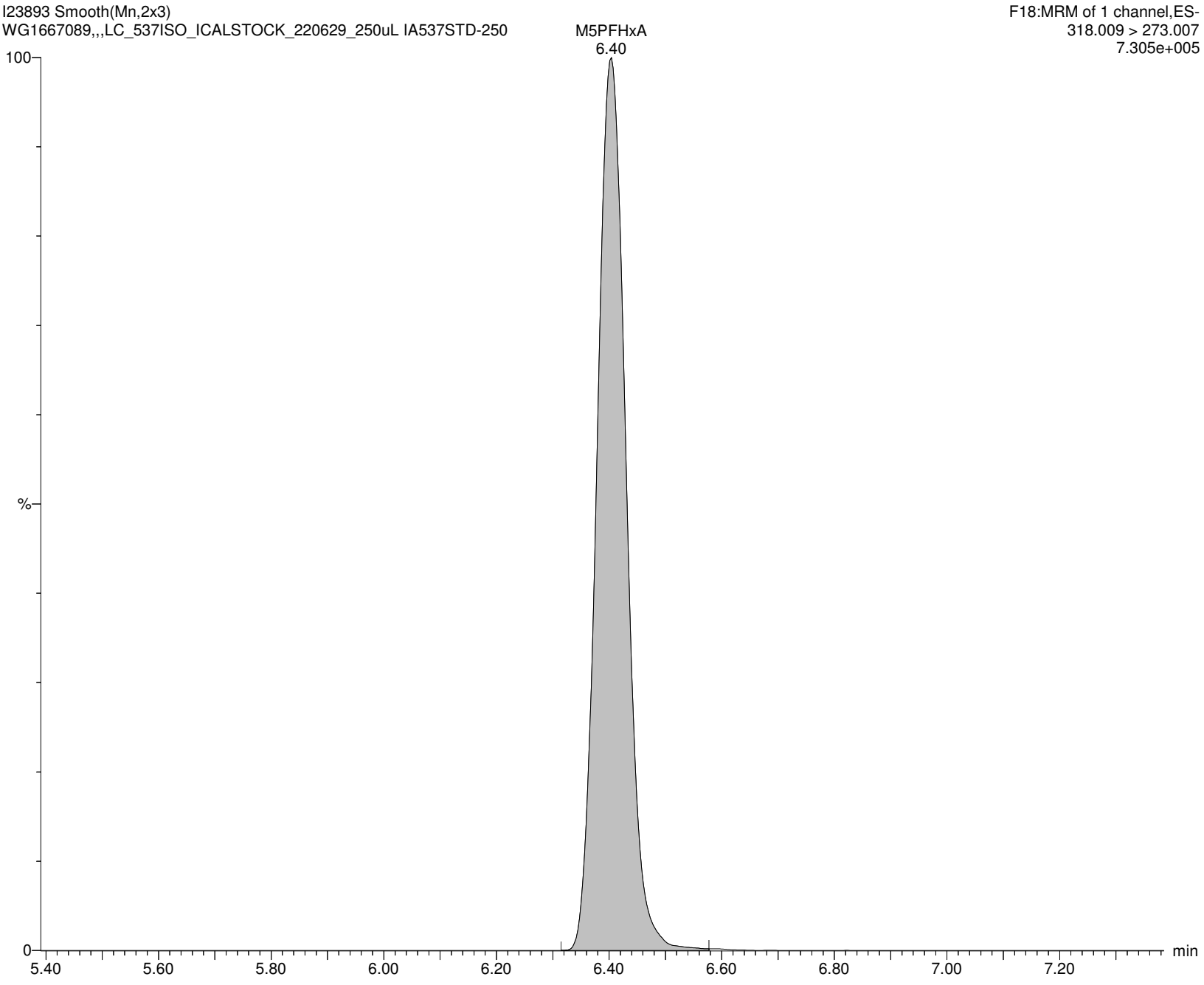


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M5PFHxA

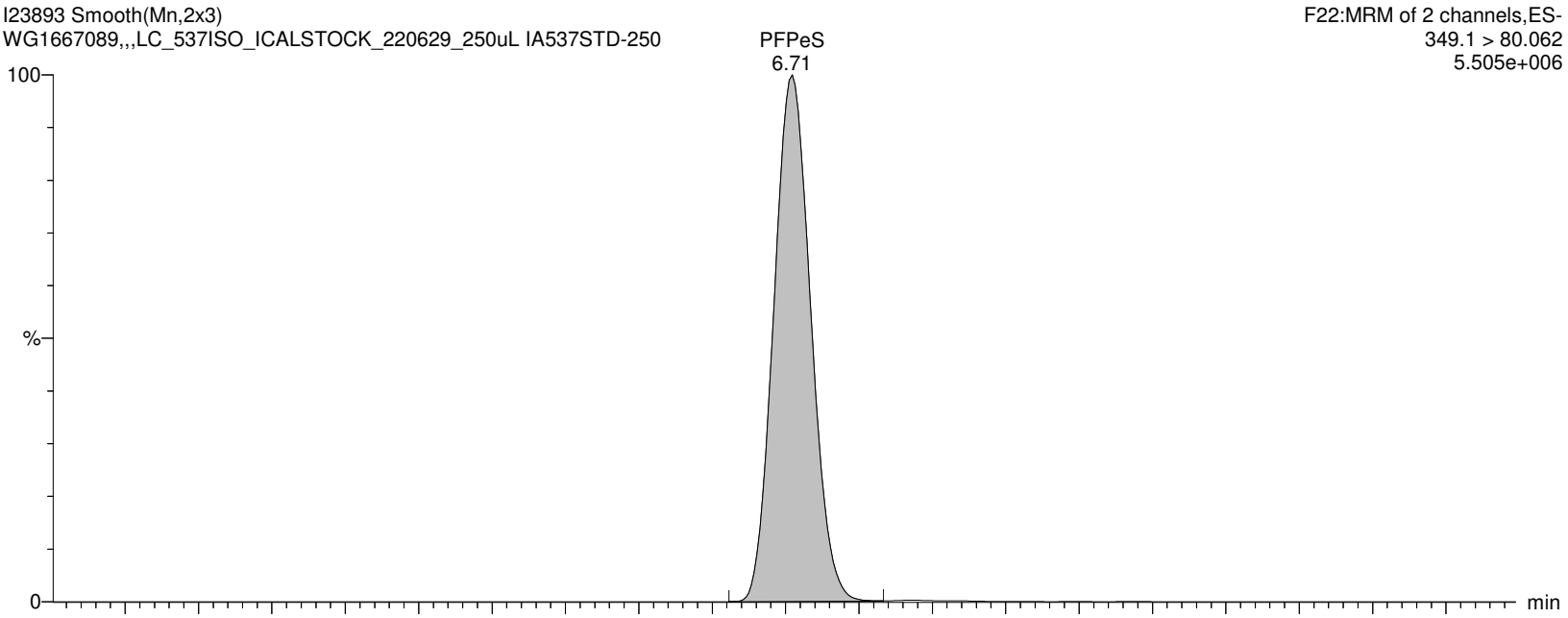


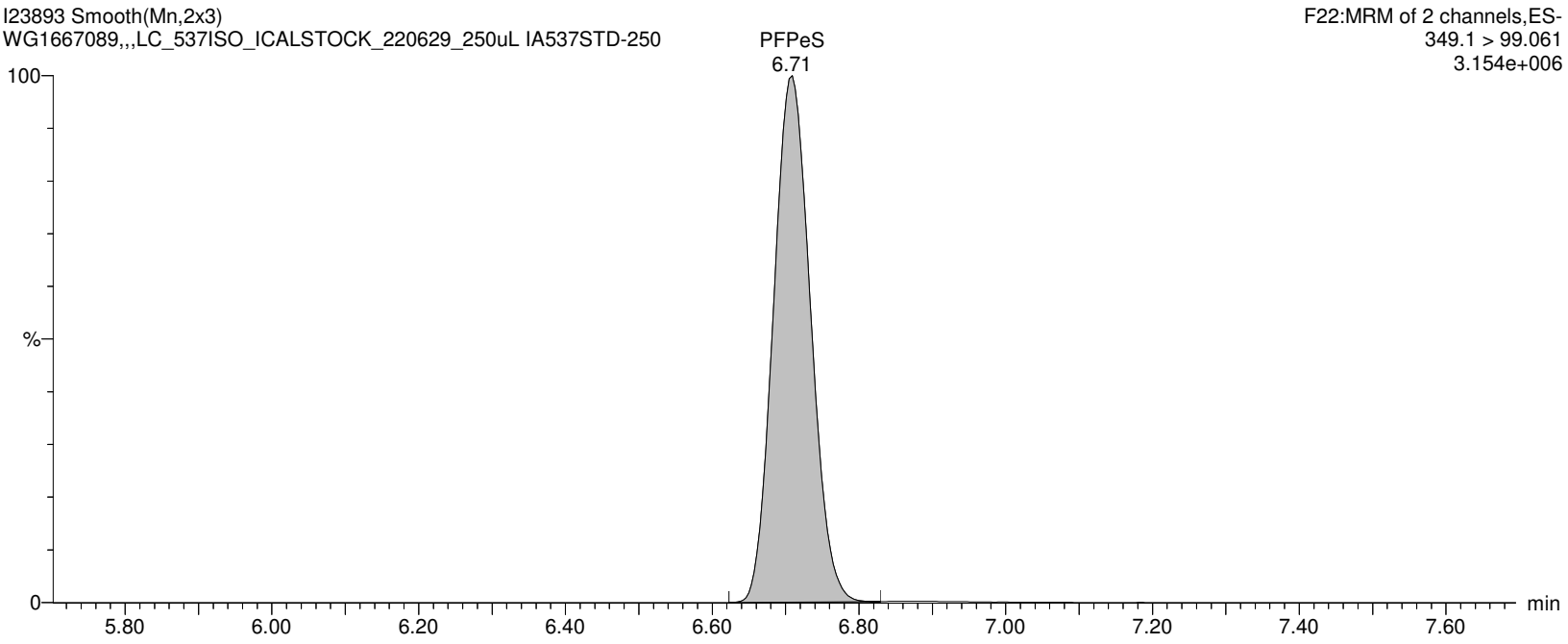
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFPeS



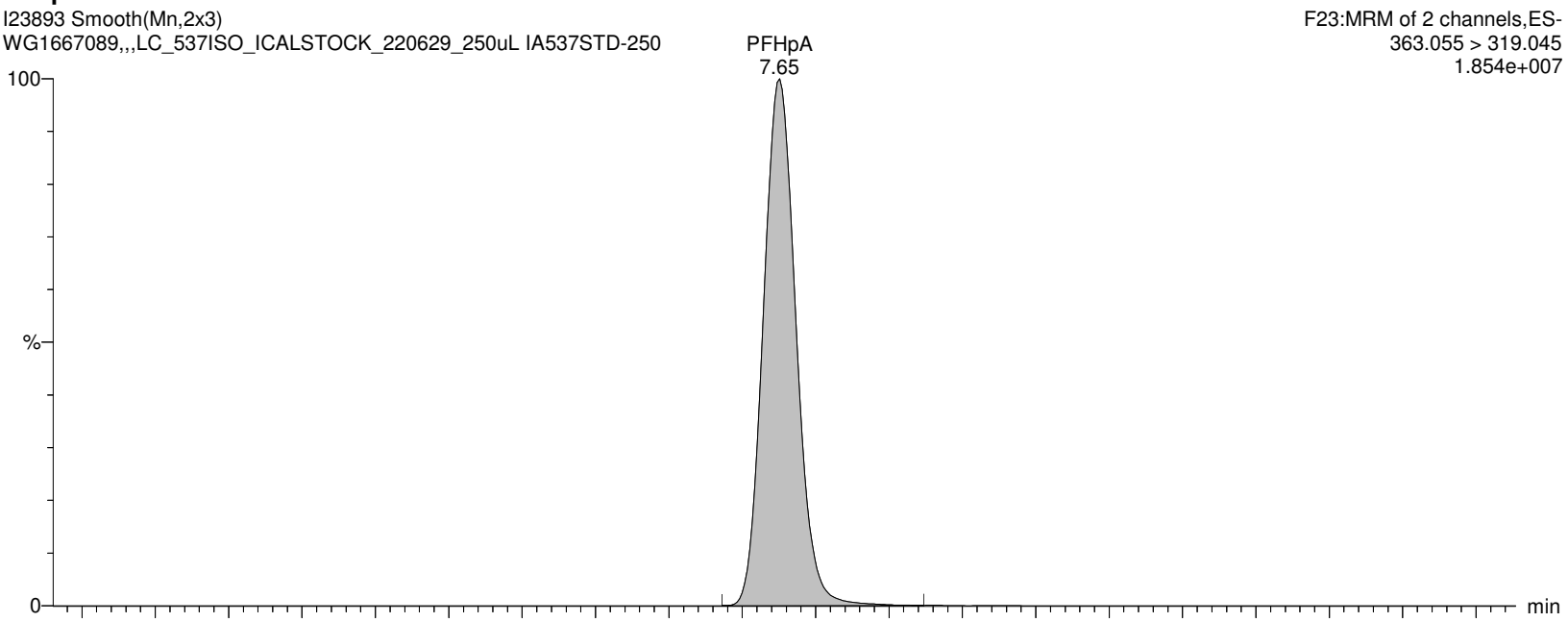


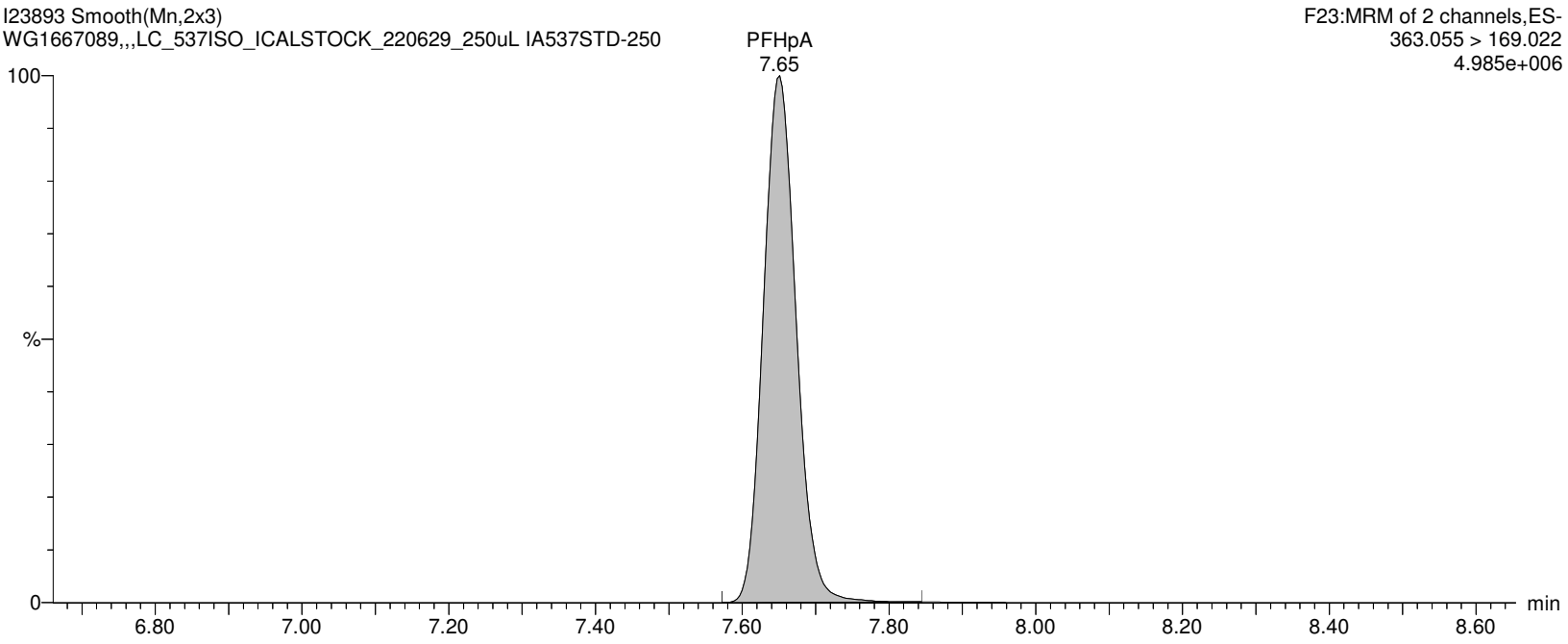
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFHpA



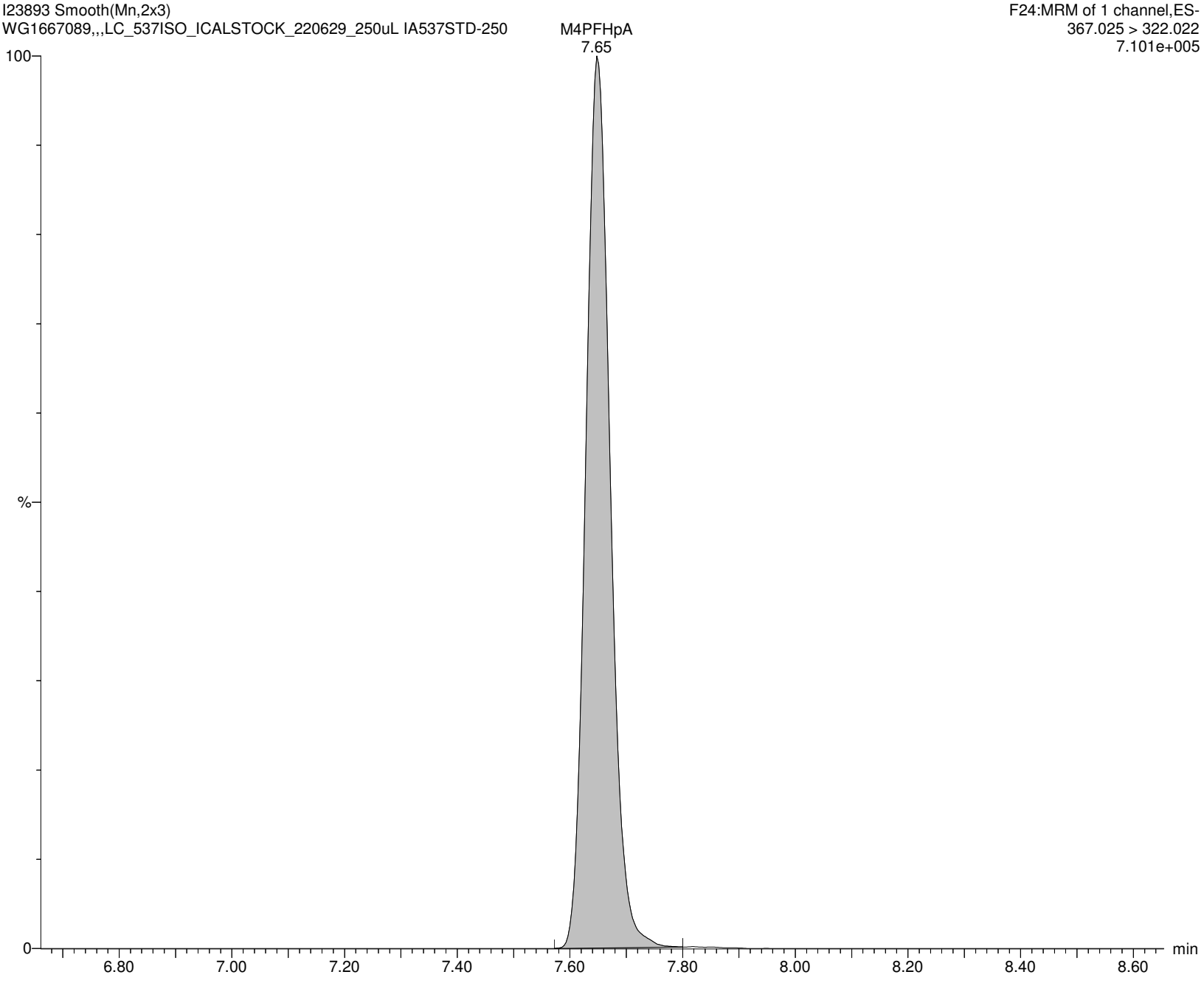


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M4PFHpA

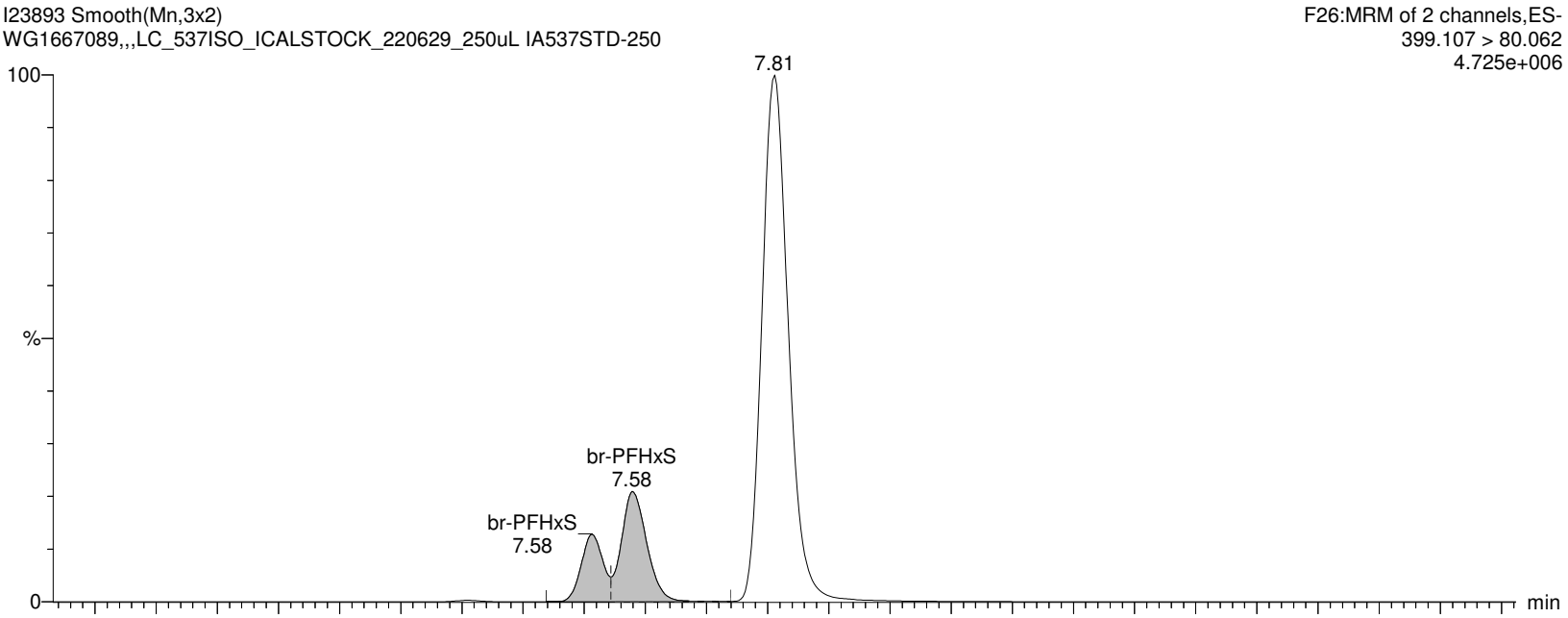


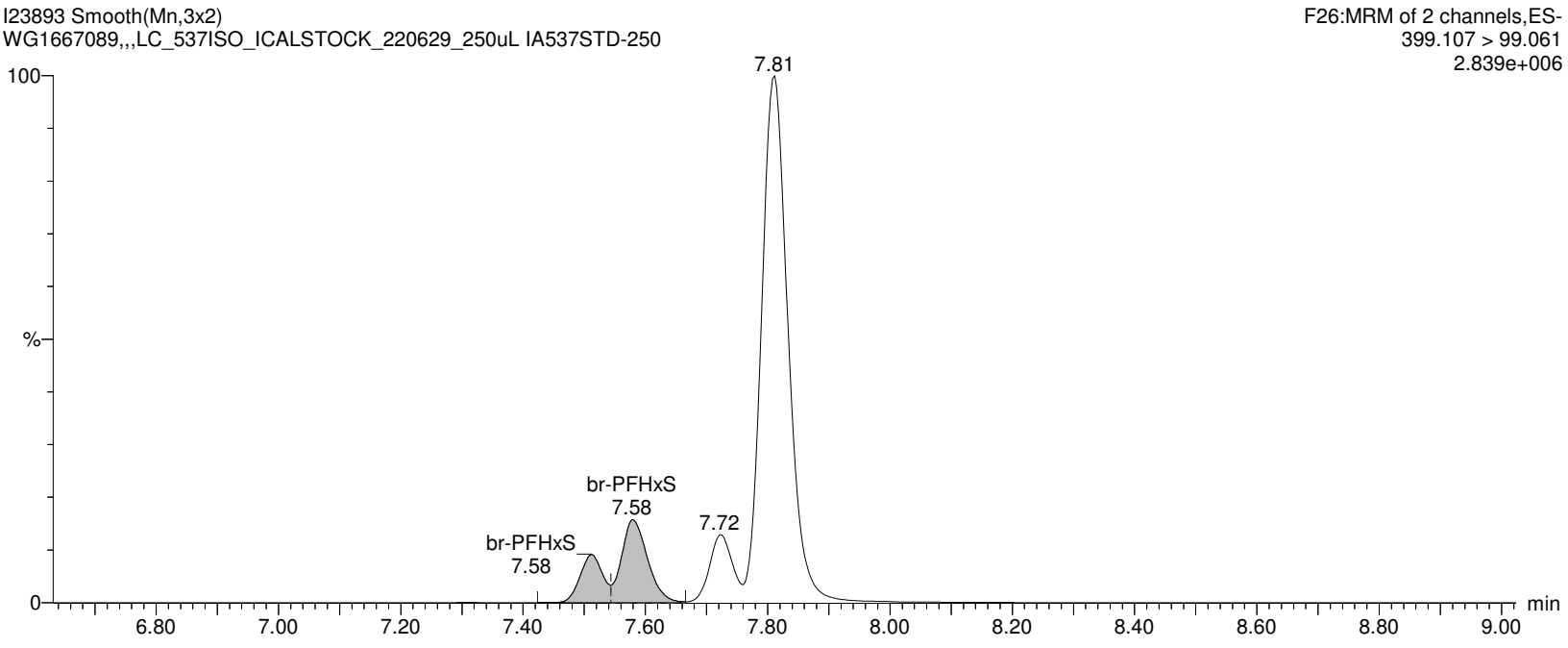
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

br-PFHxS



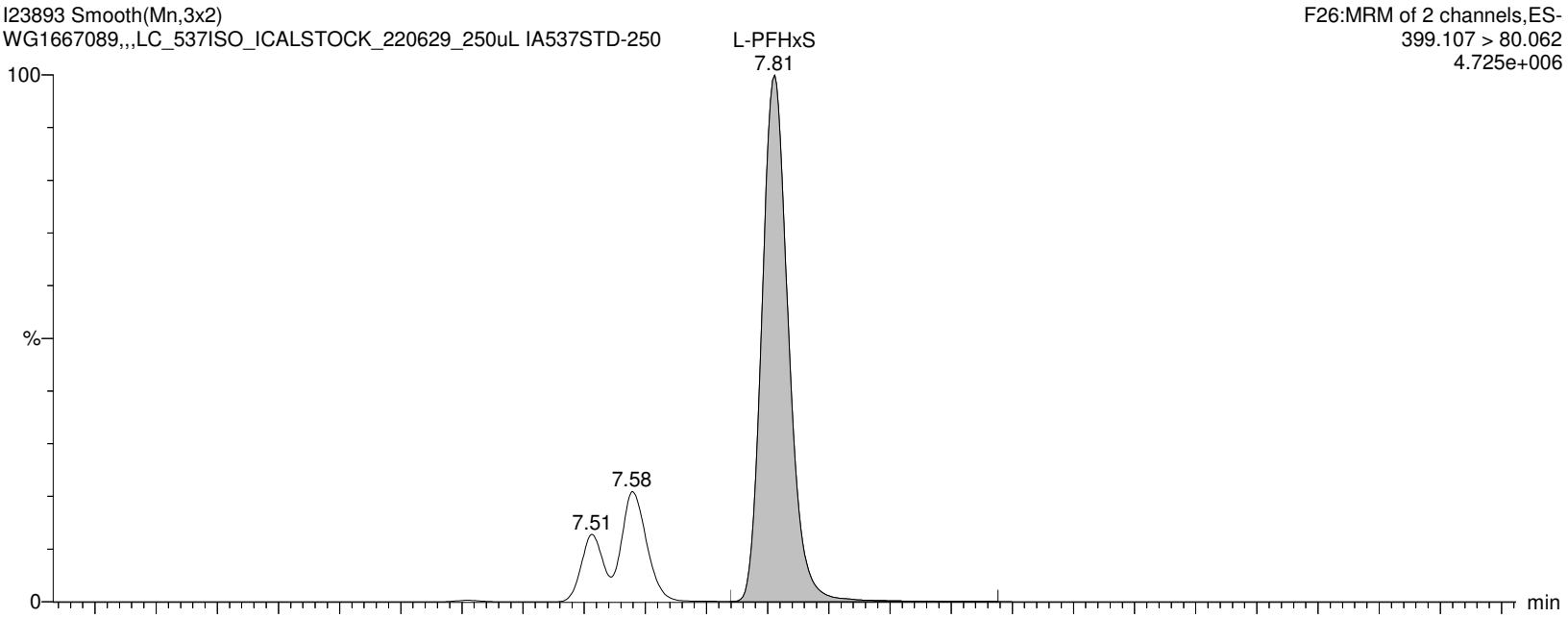


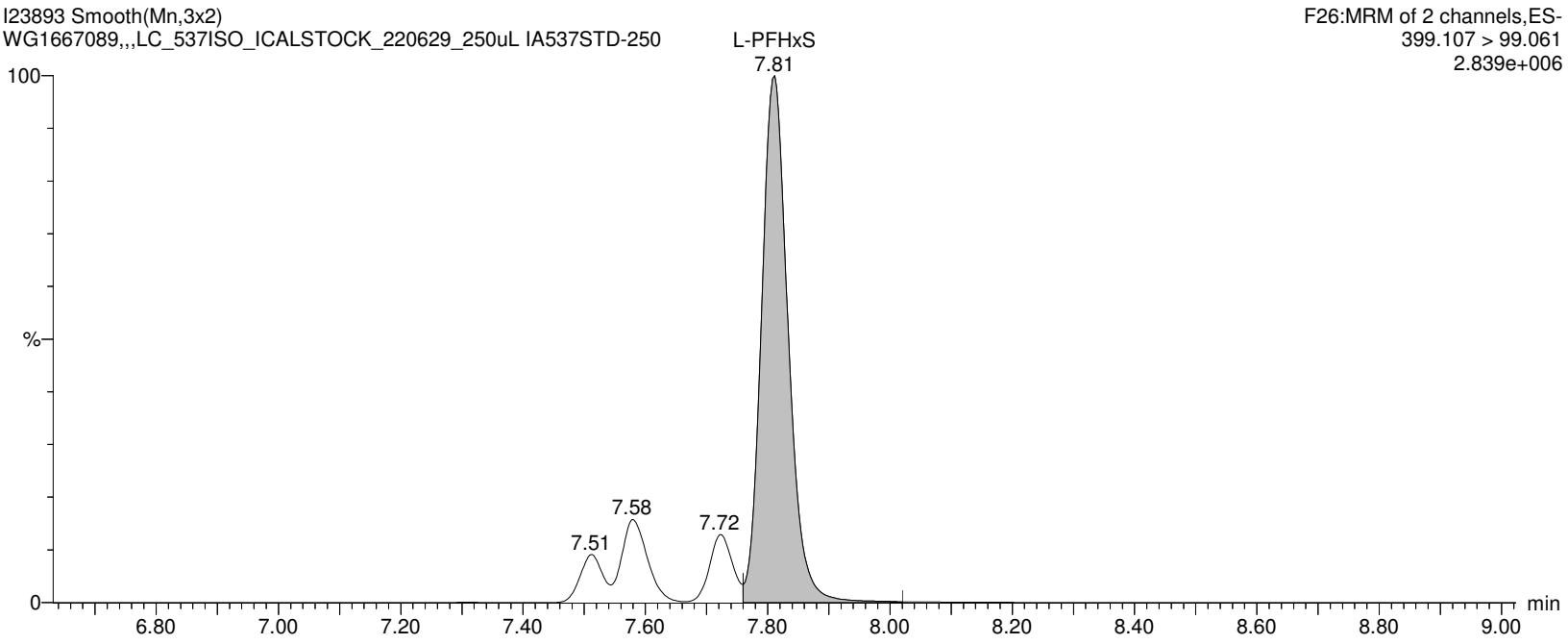
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

L-PFHxS



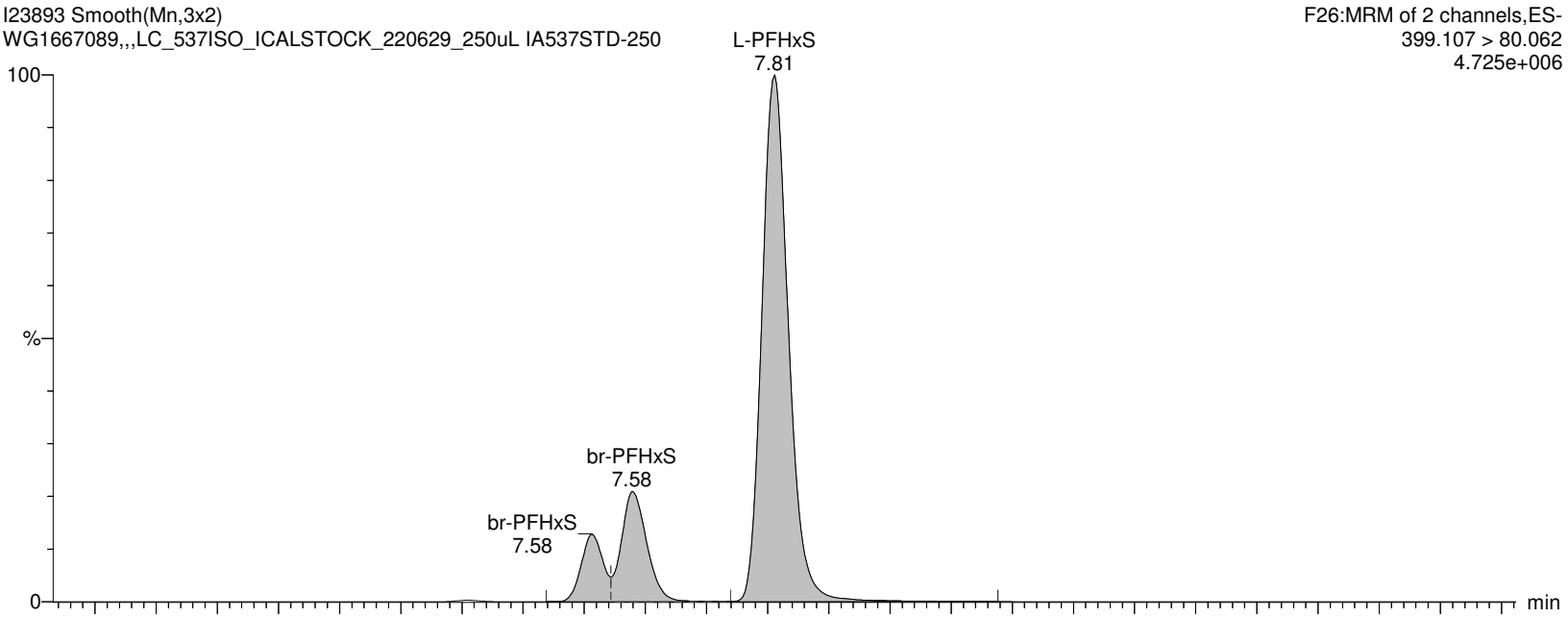


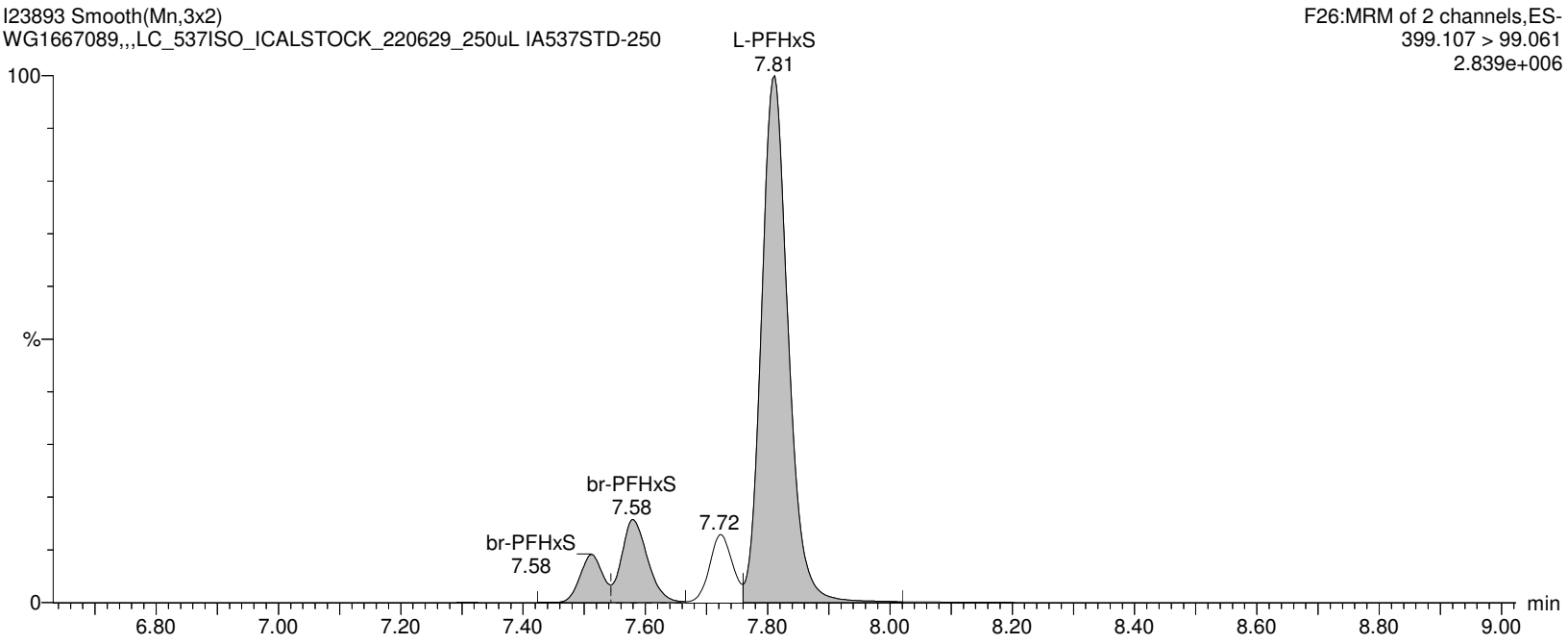
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFHxS



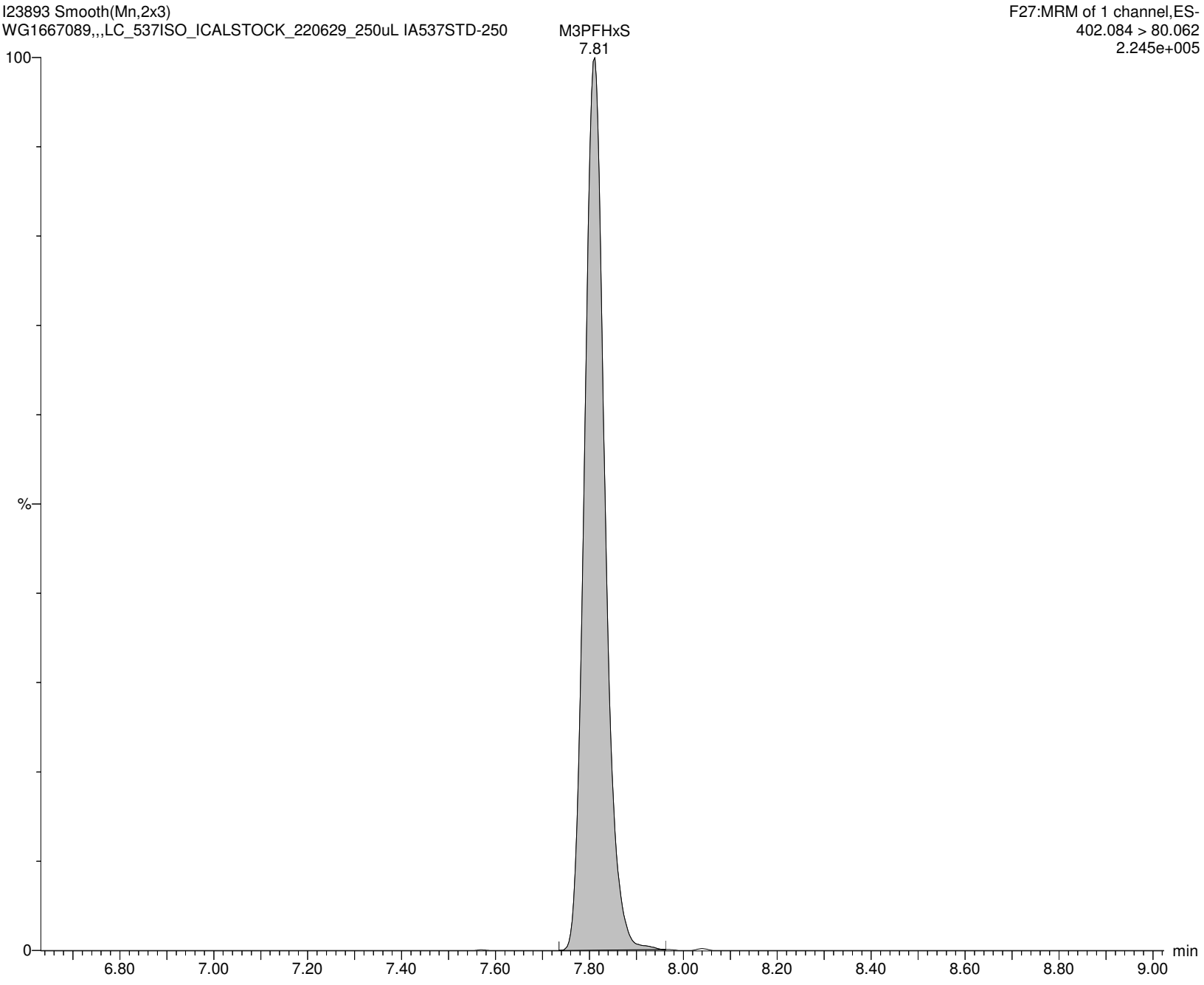


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M3PFHxS

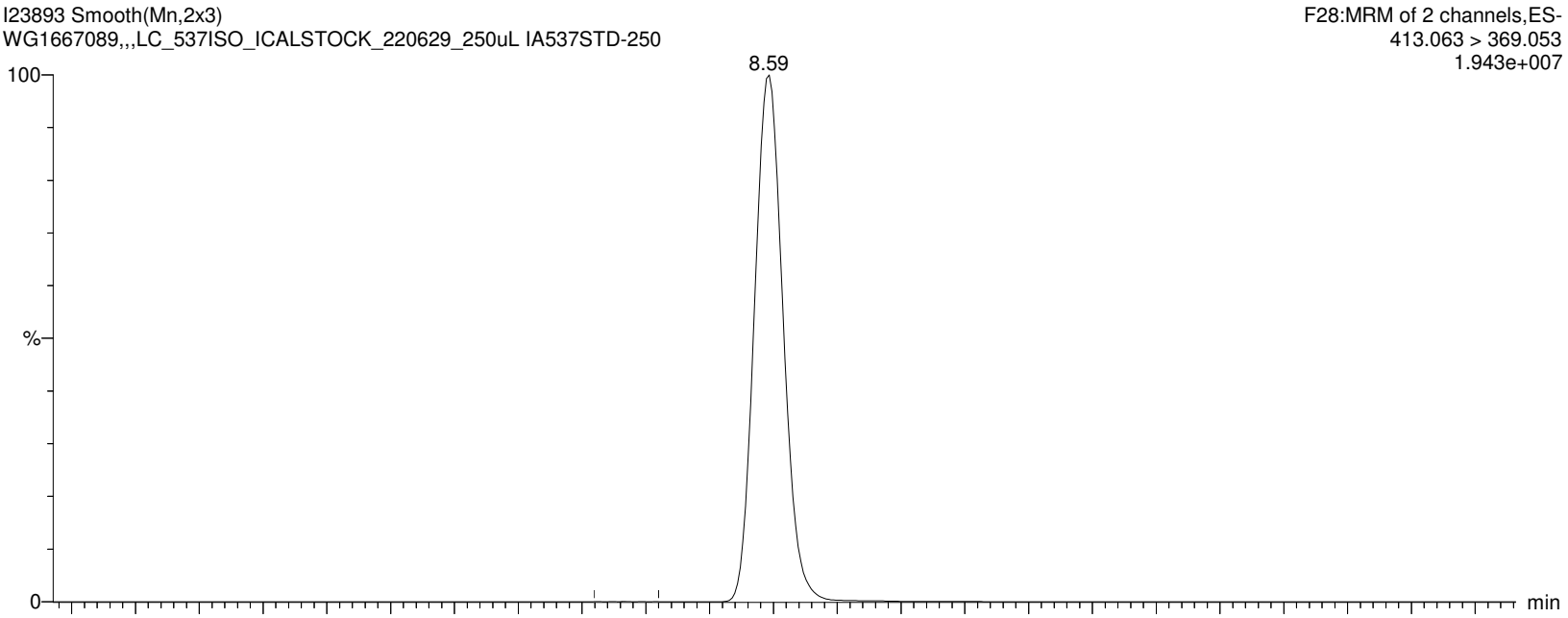


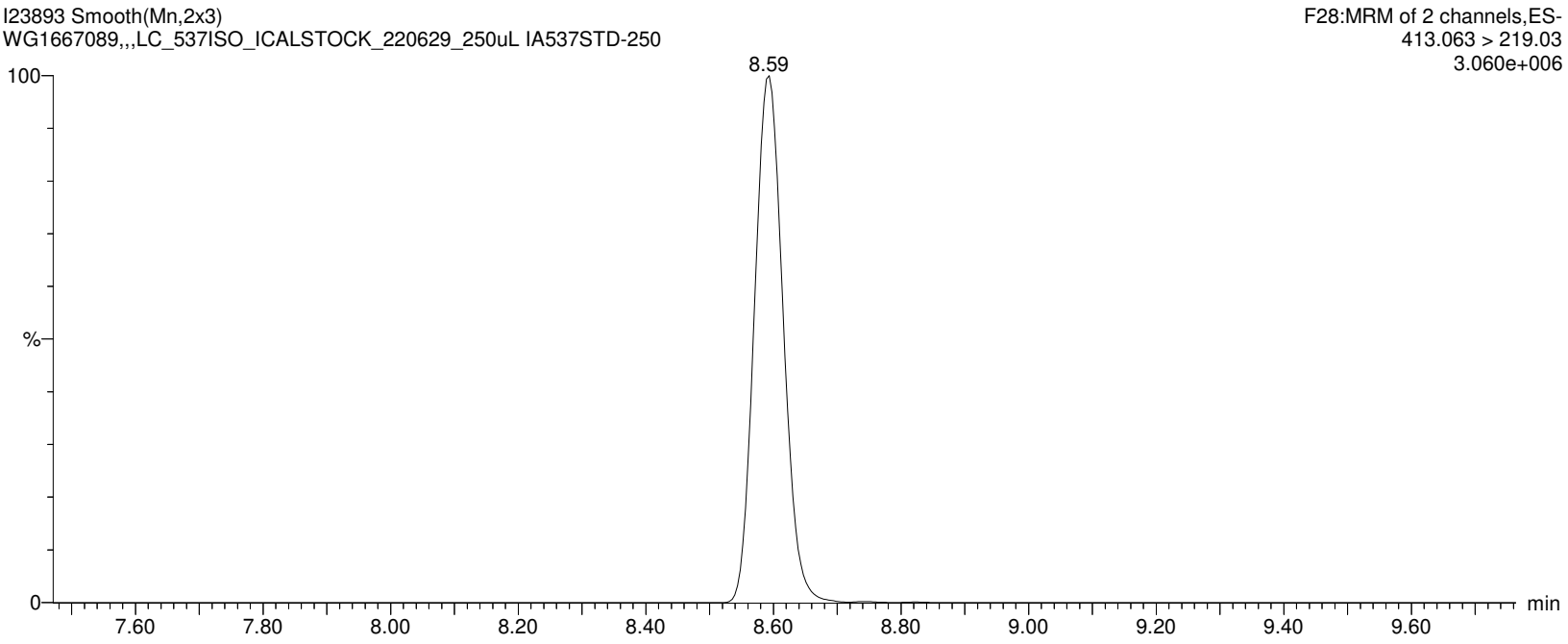
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

br-PFOA



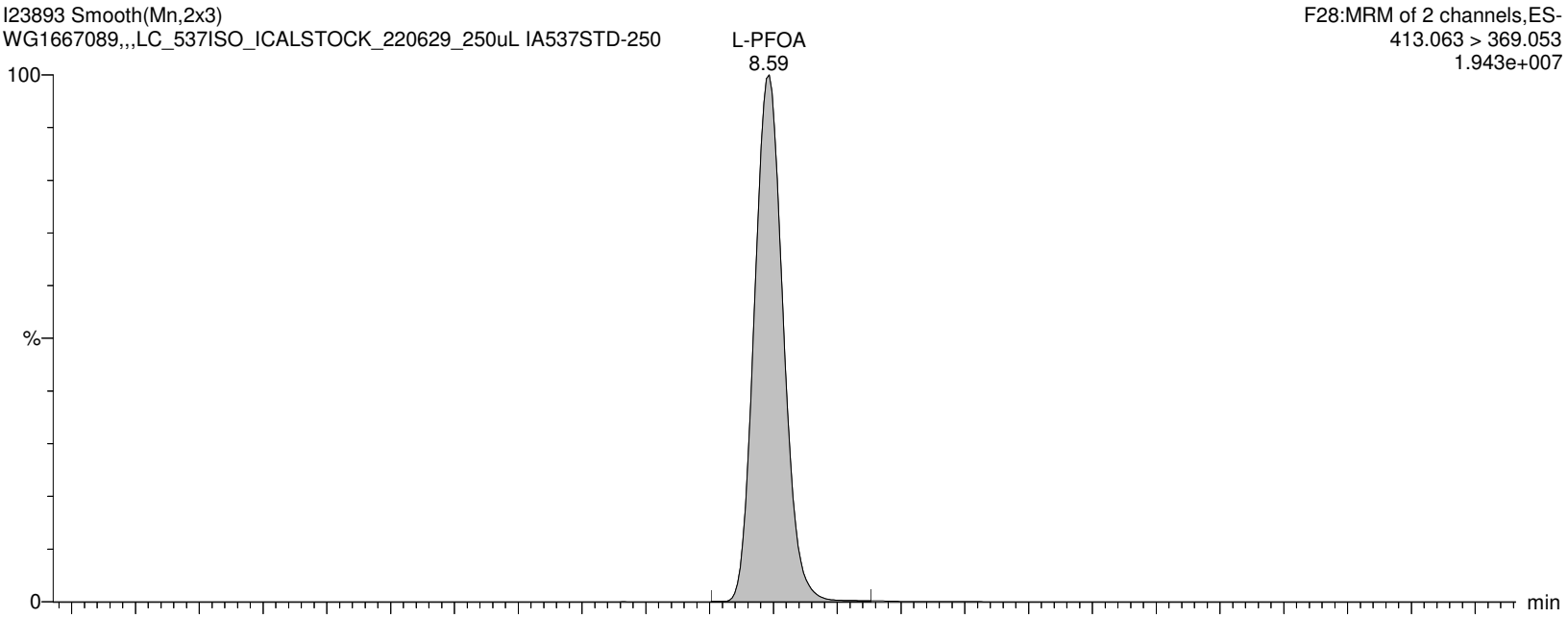


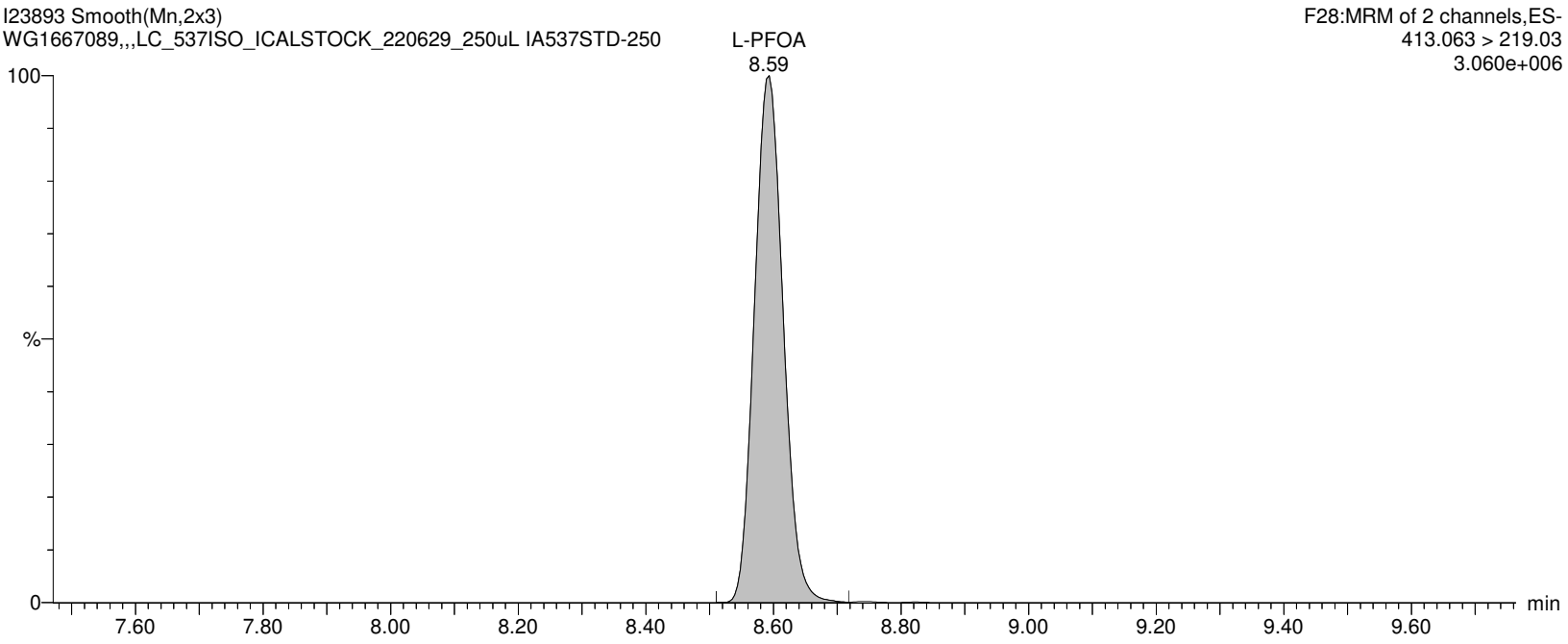
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

L-PFOA



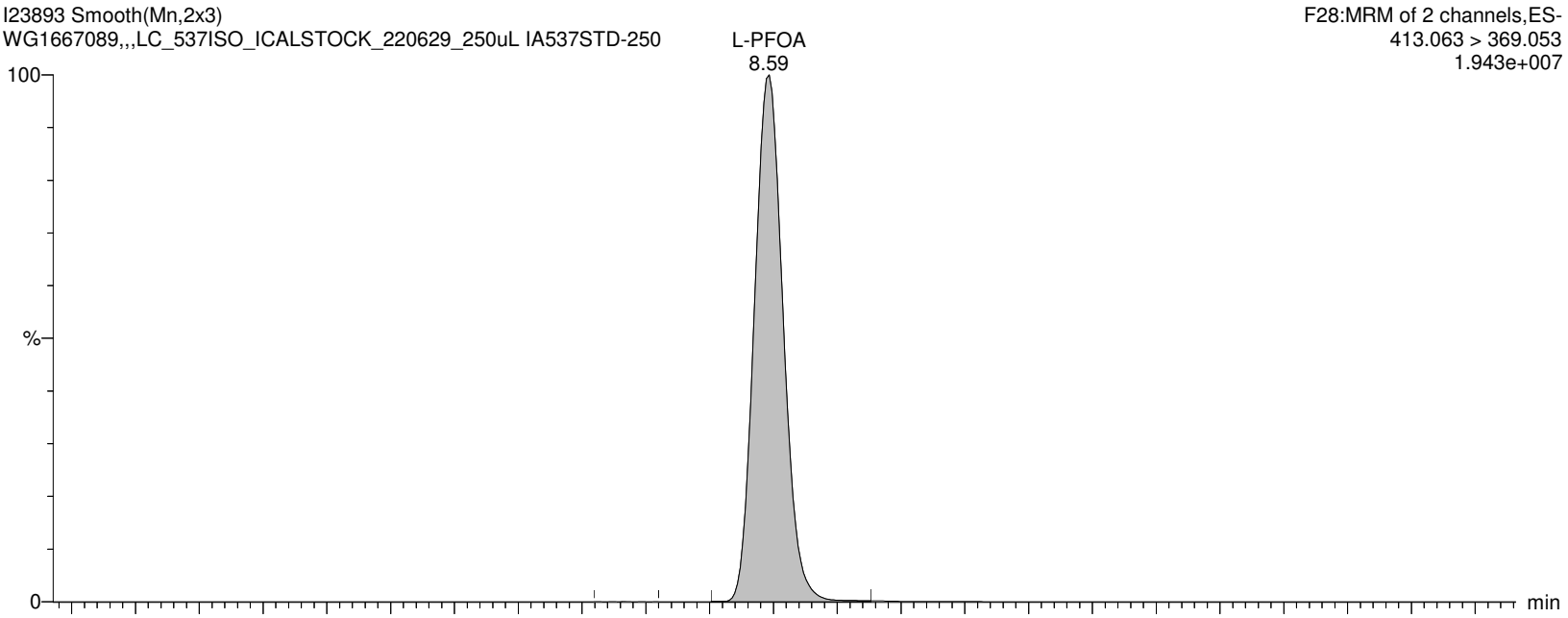


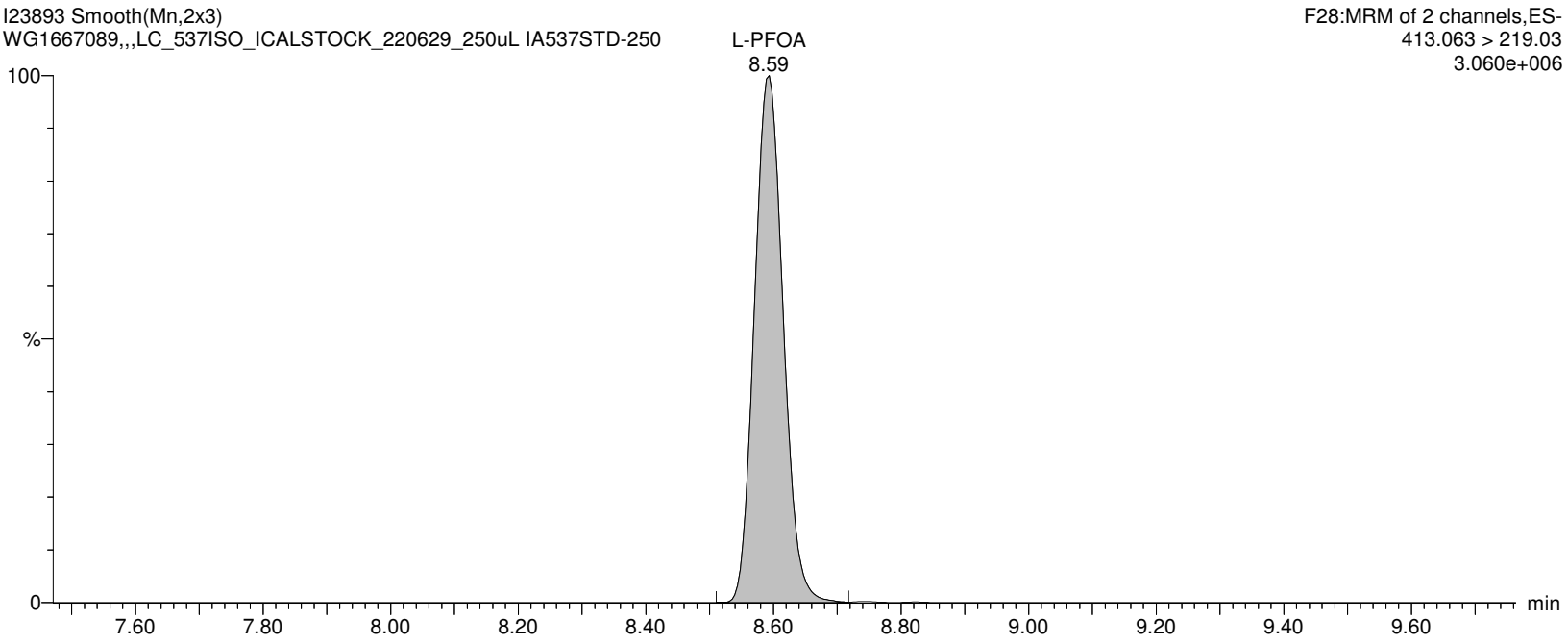
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFOA



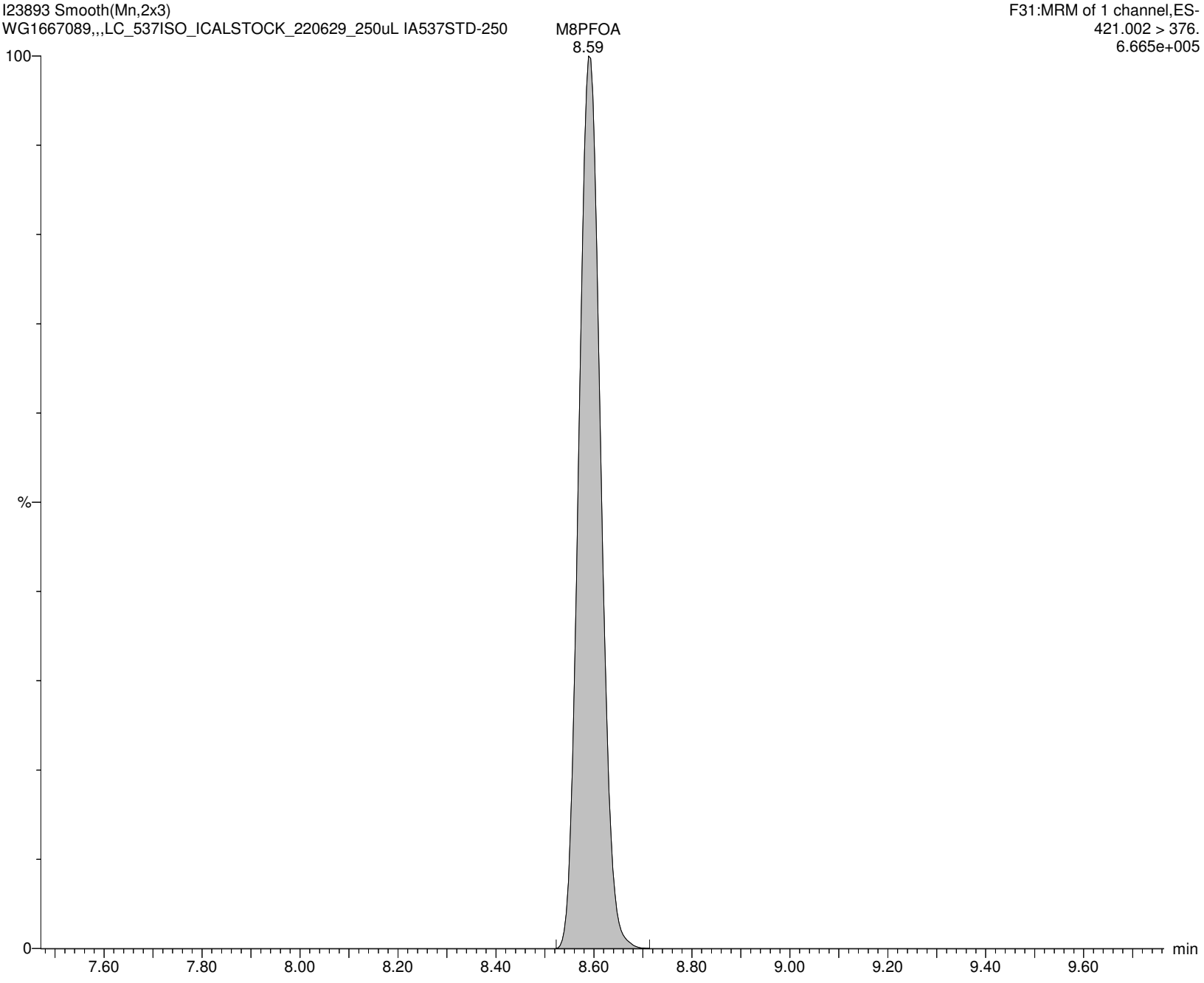


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M8PFOA

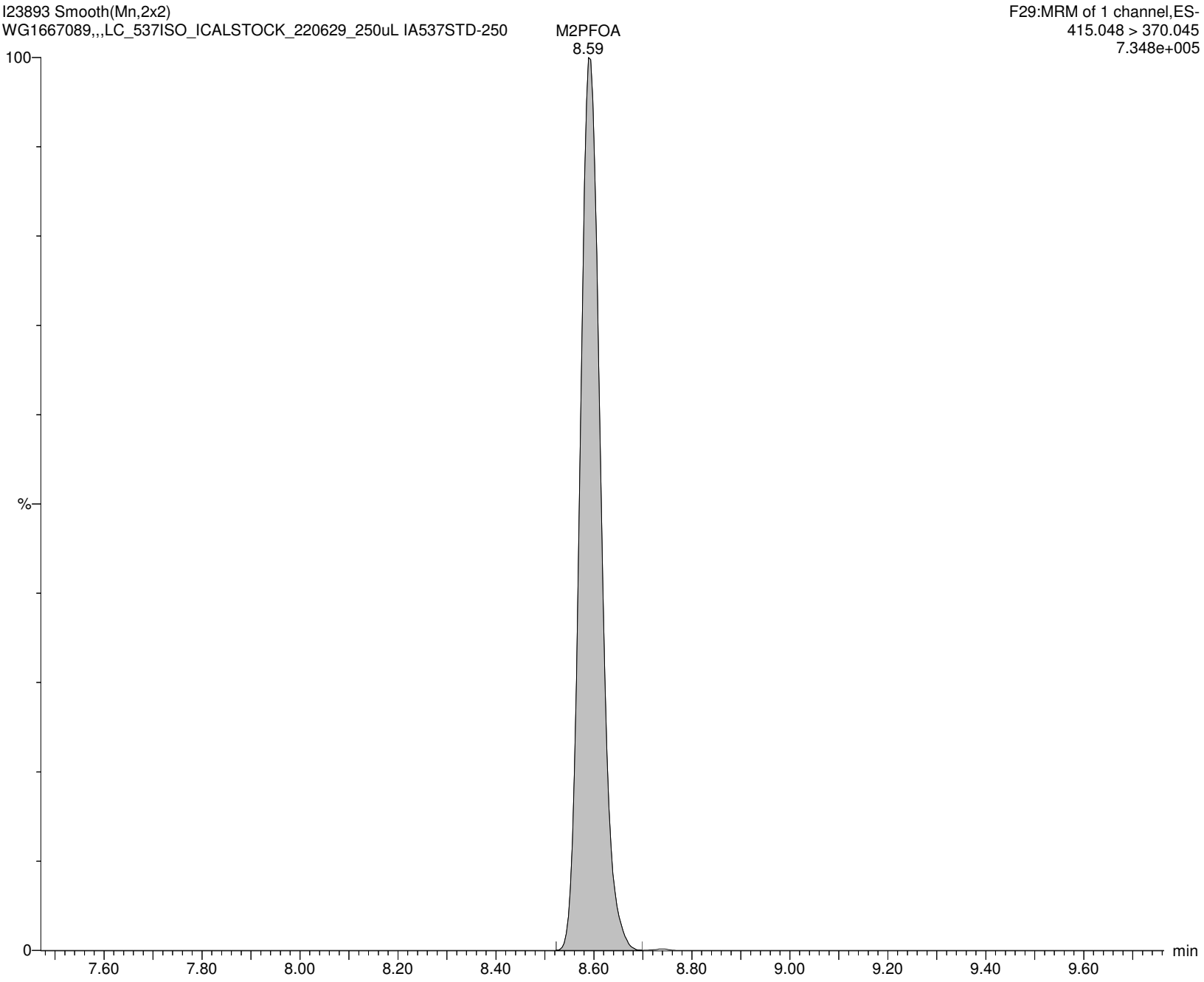


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2PFOA

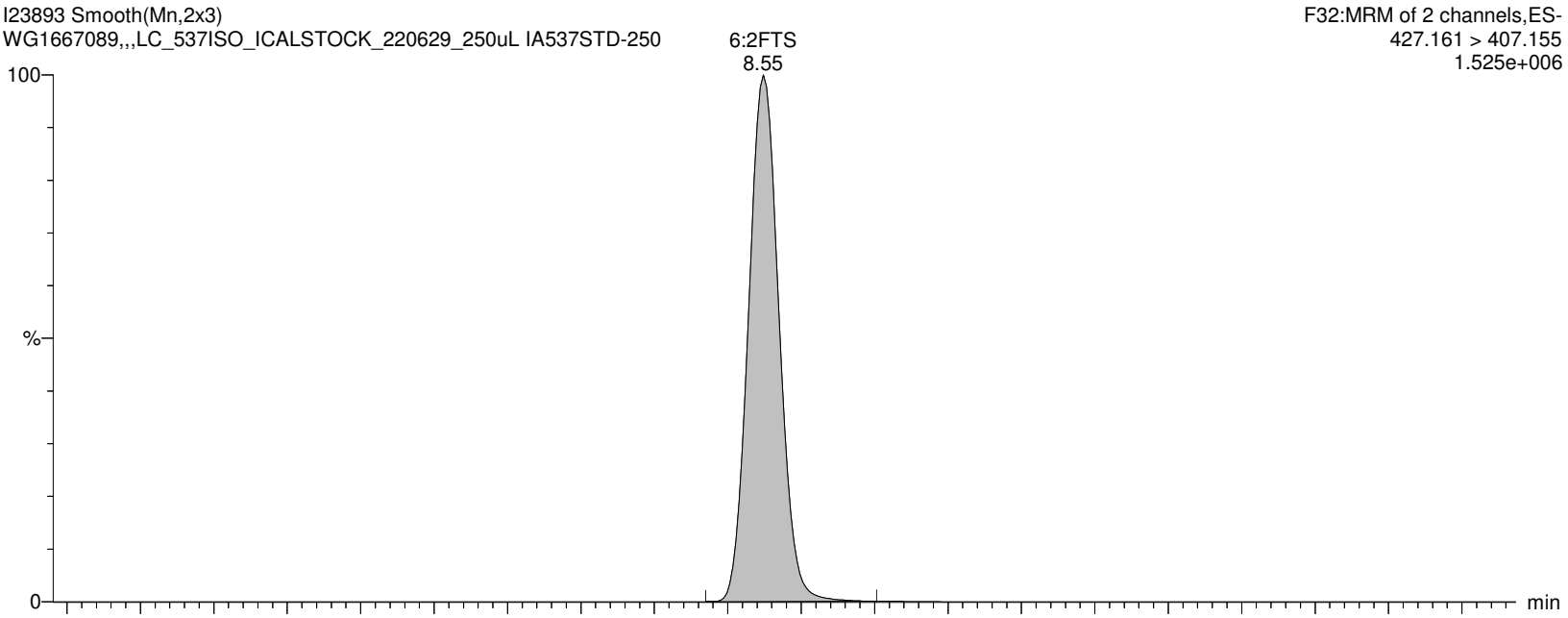


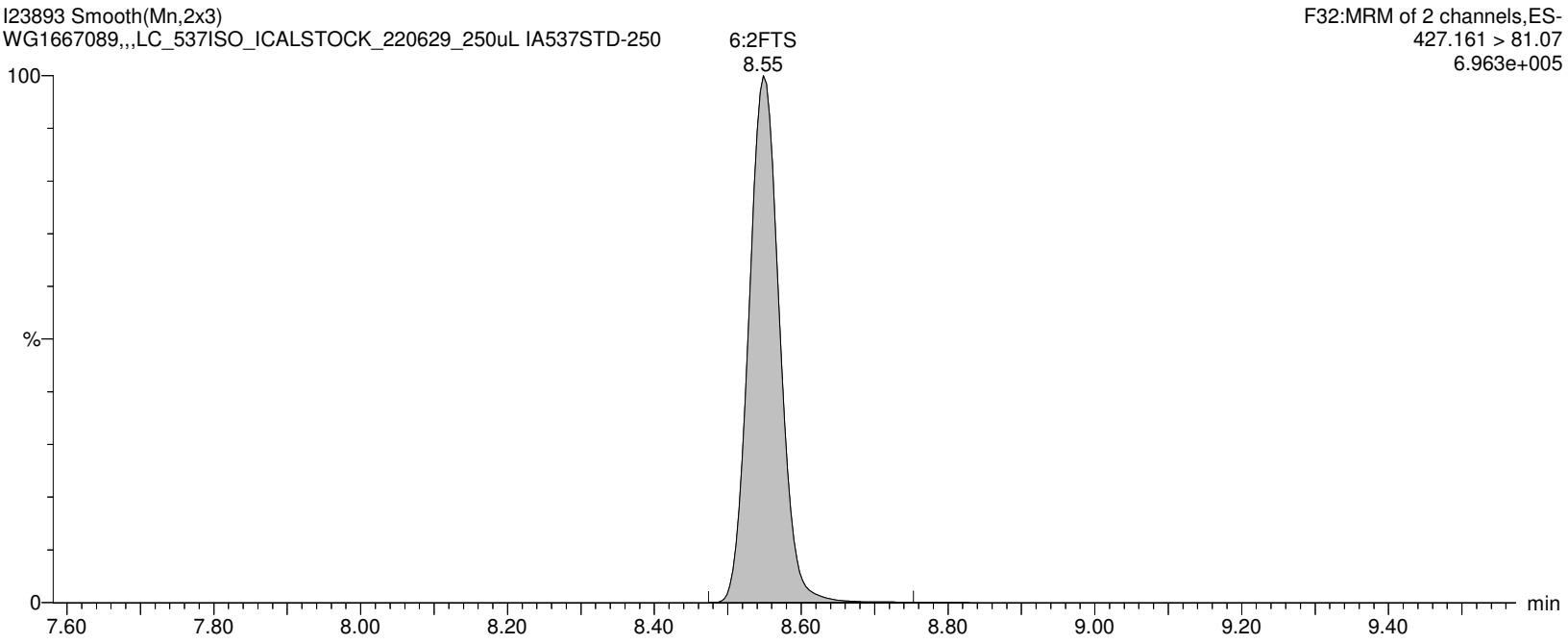
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

6:2FTS



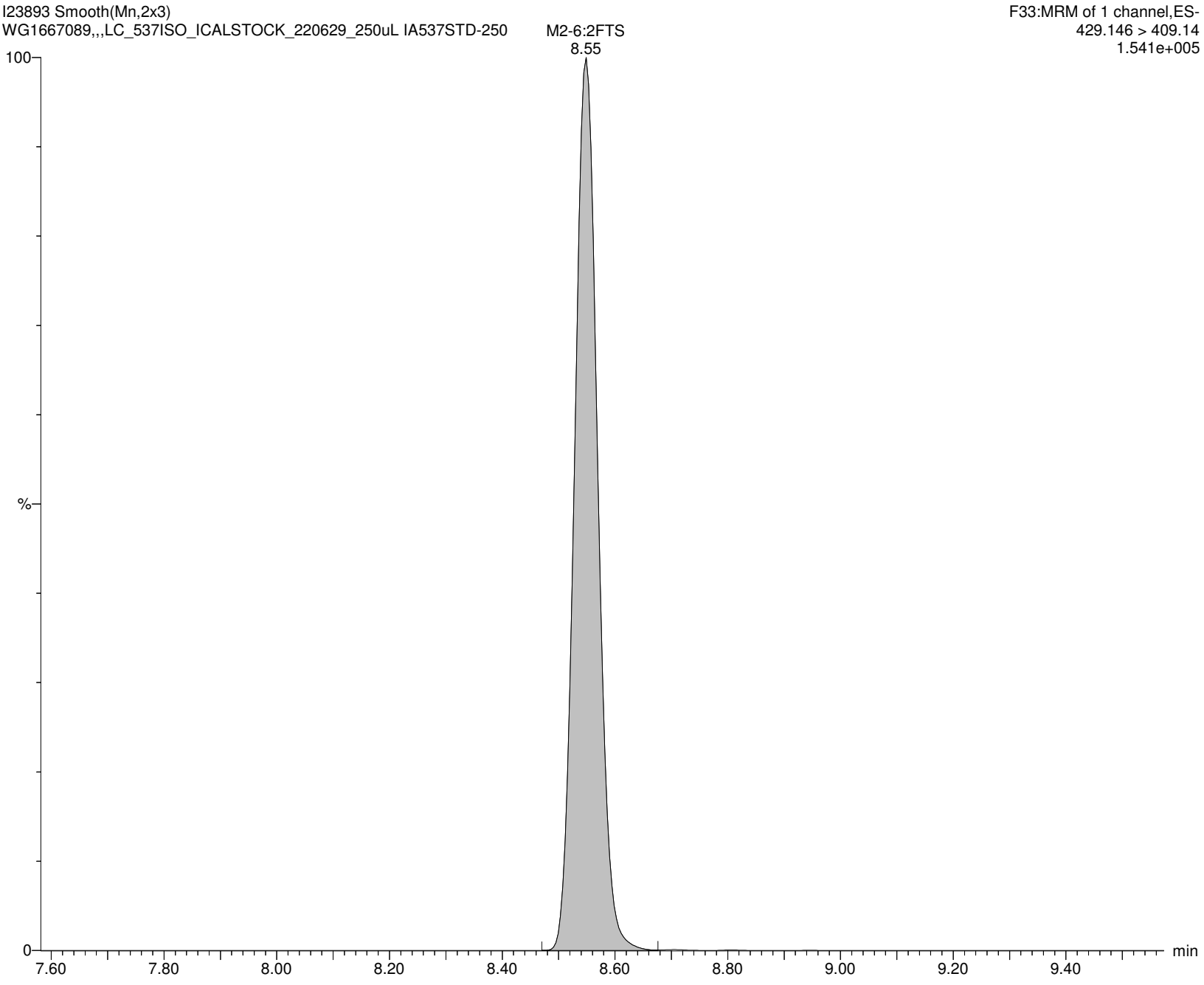


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2-6:2FTS

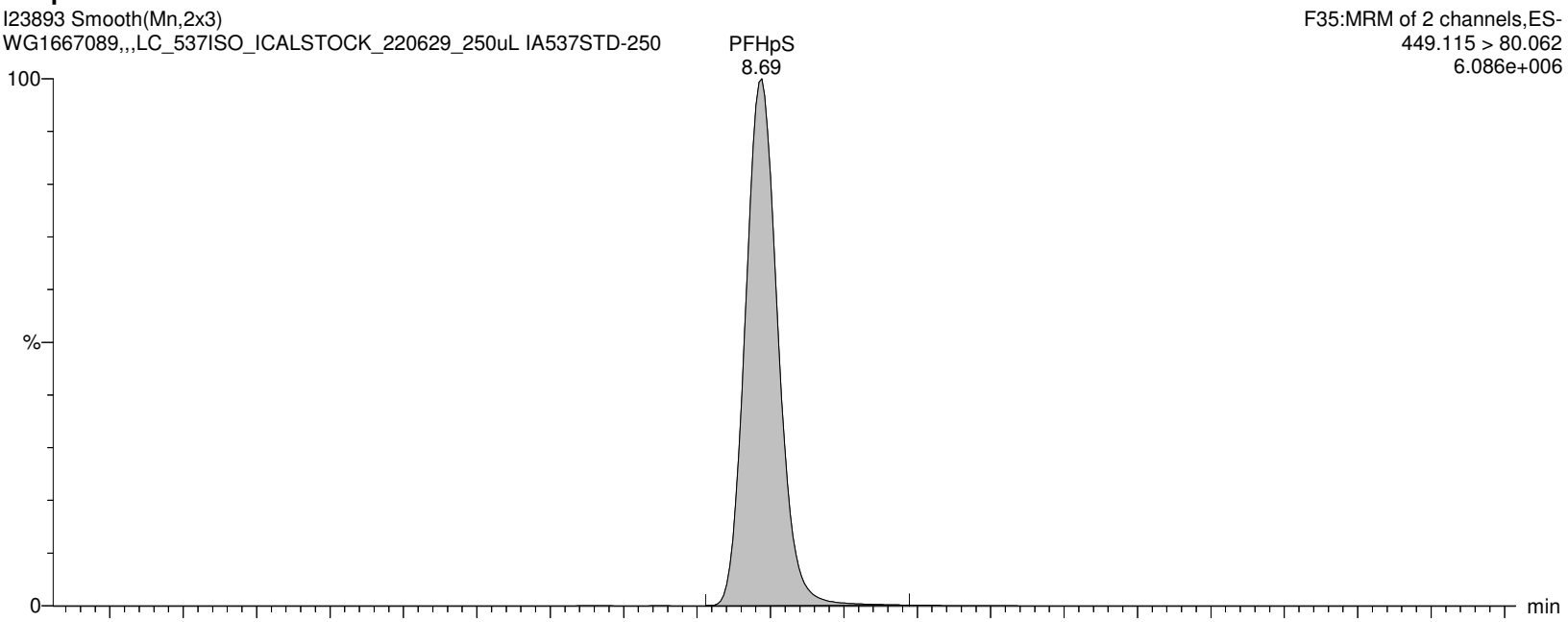


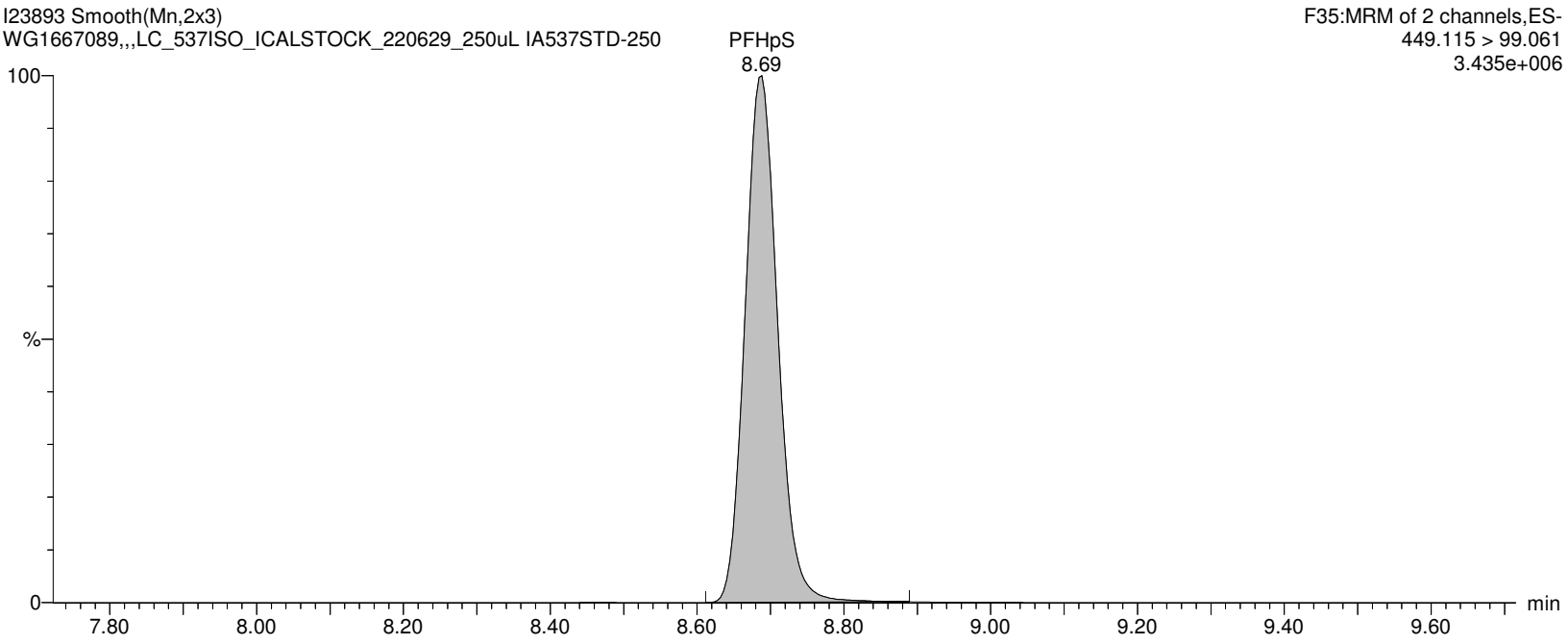
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFHpS



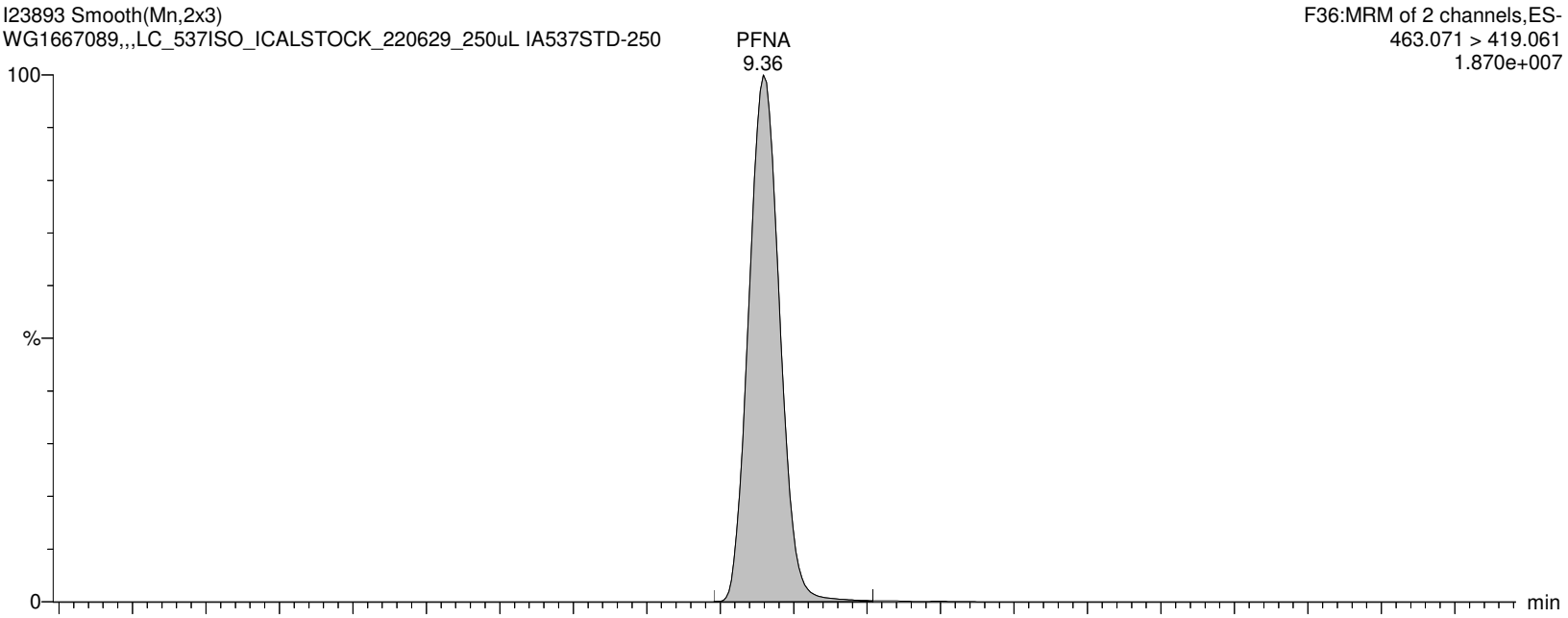


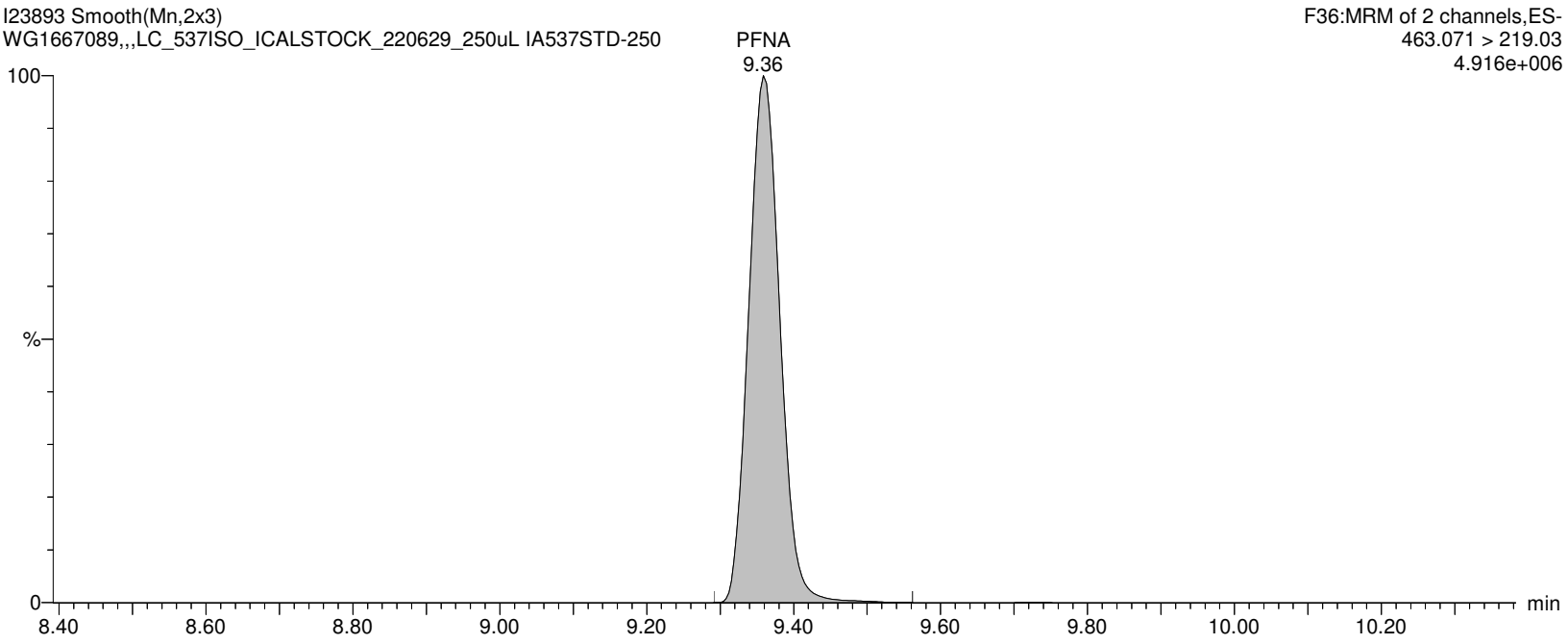
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFNA



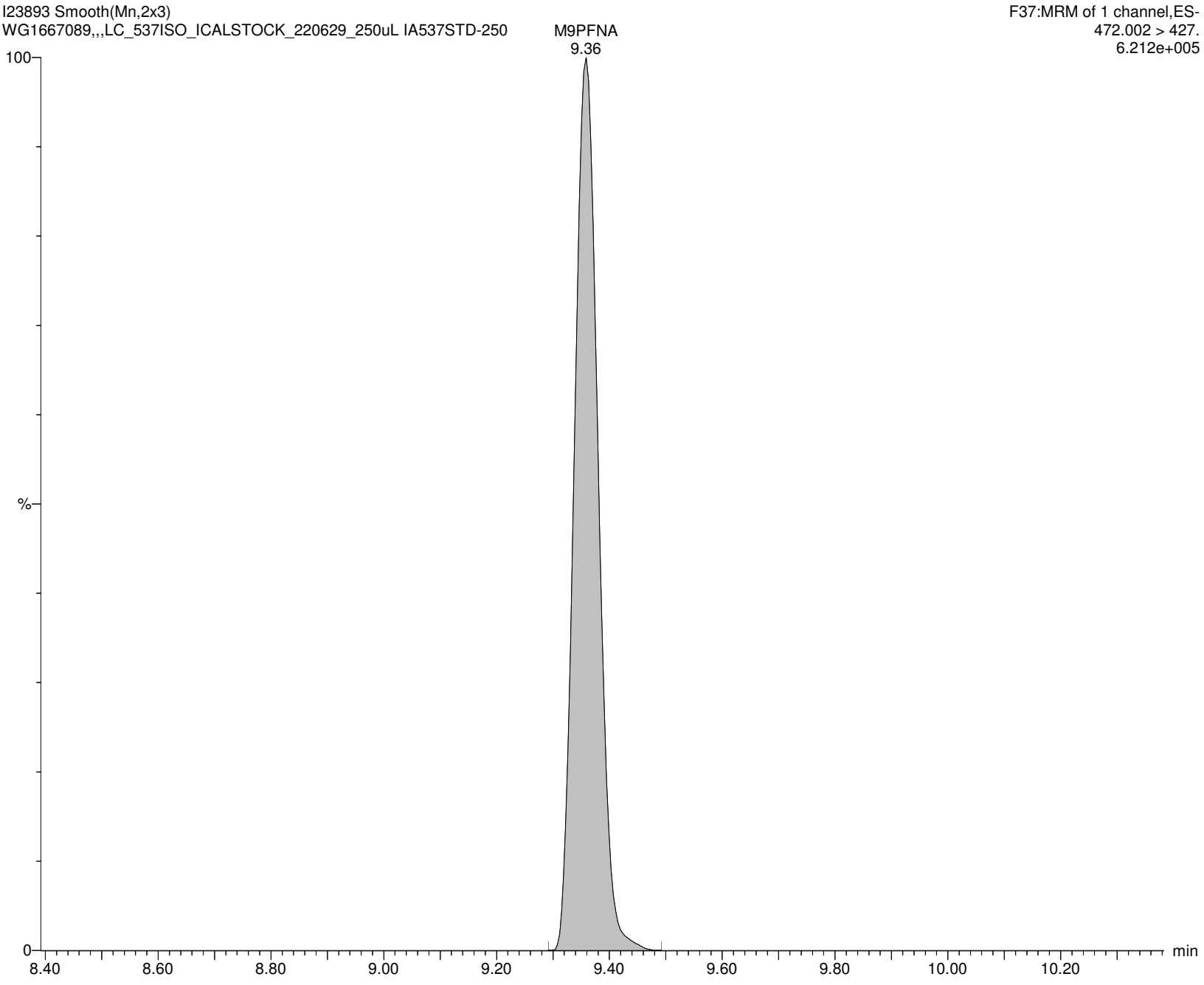


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M9PFNA

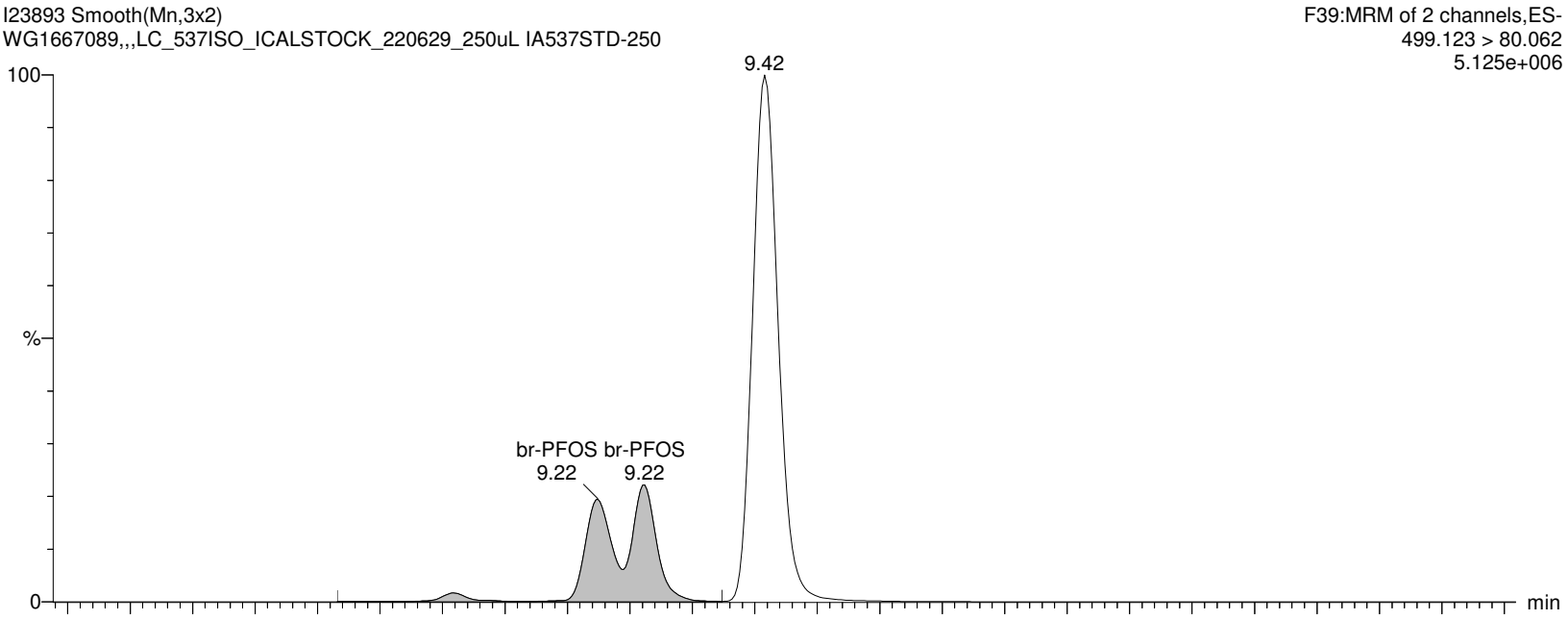


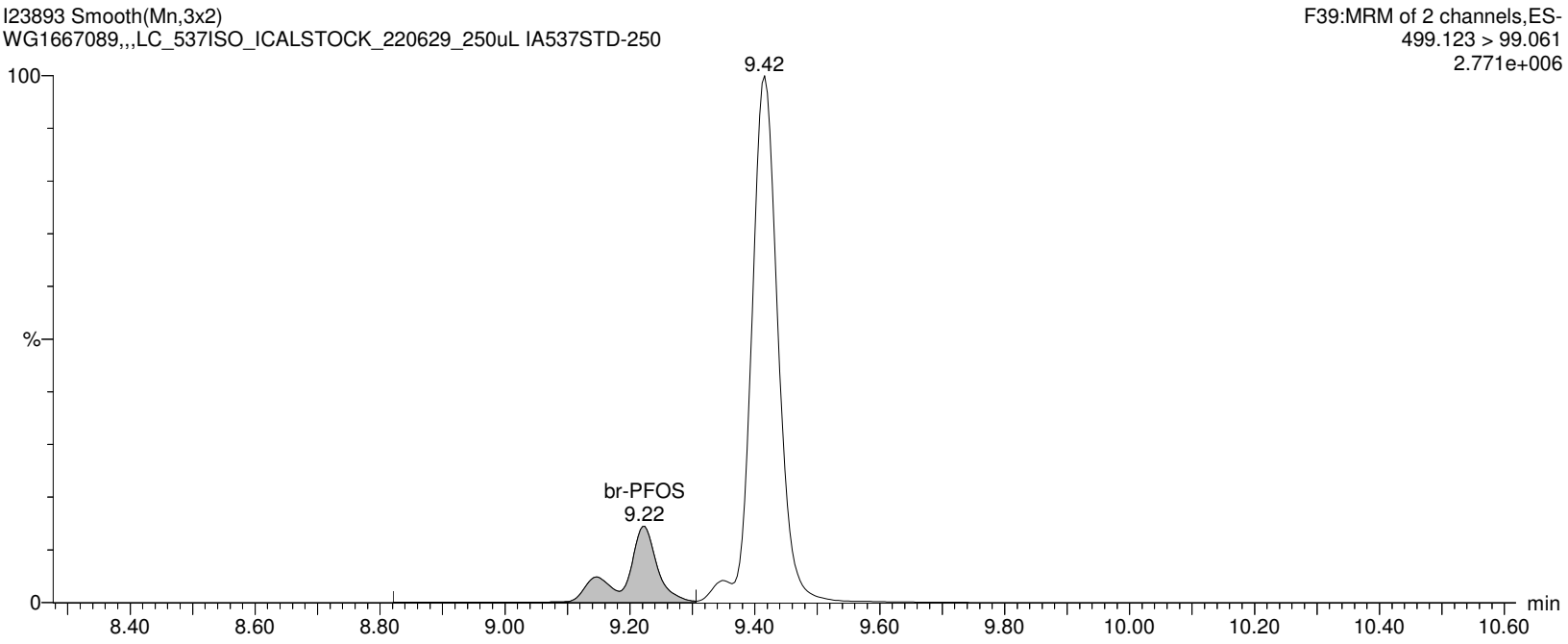
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

br-PFOS



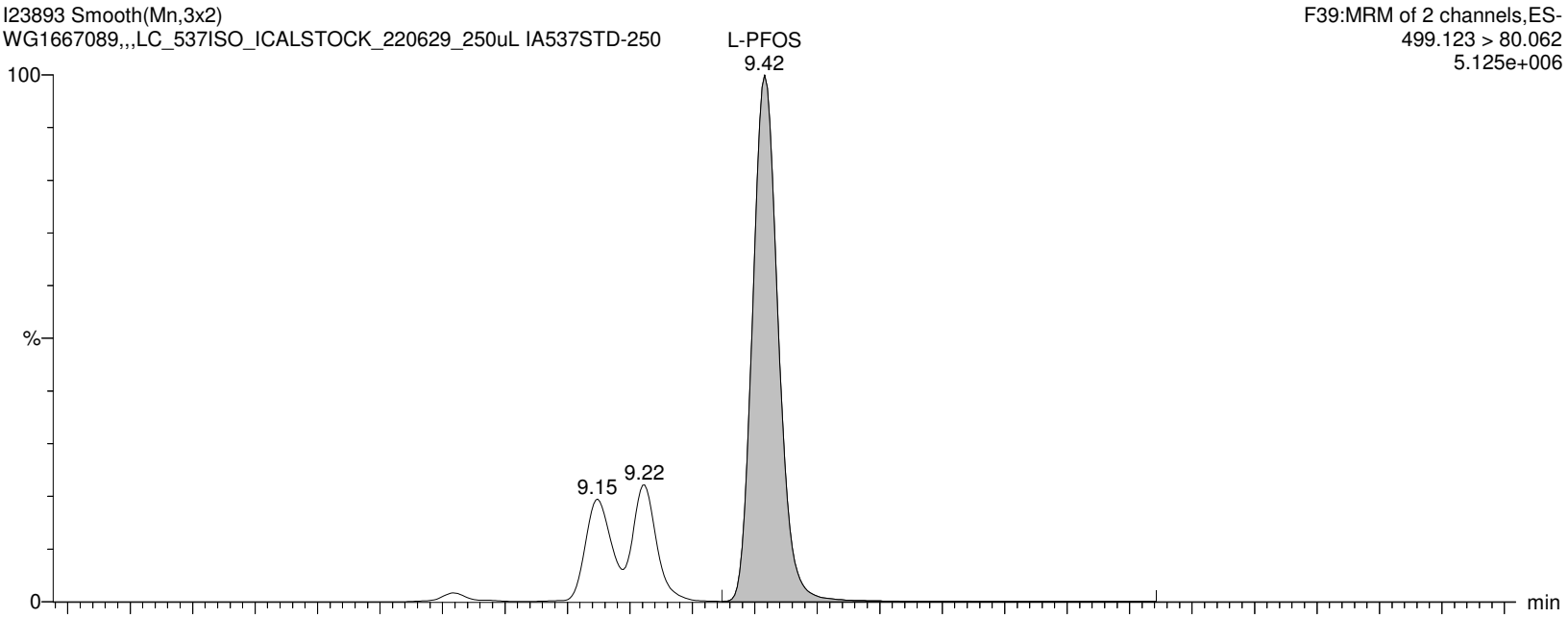


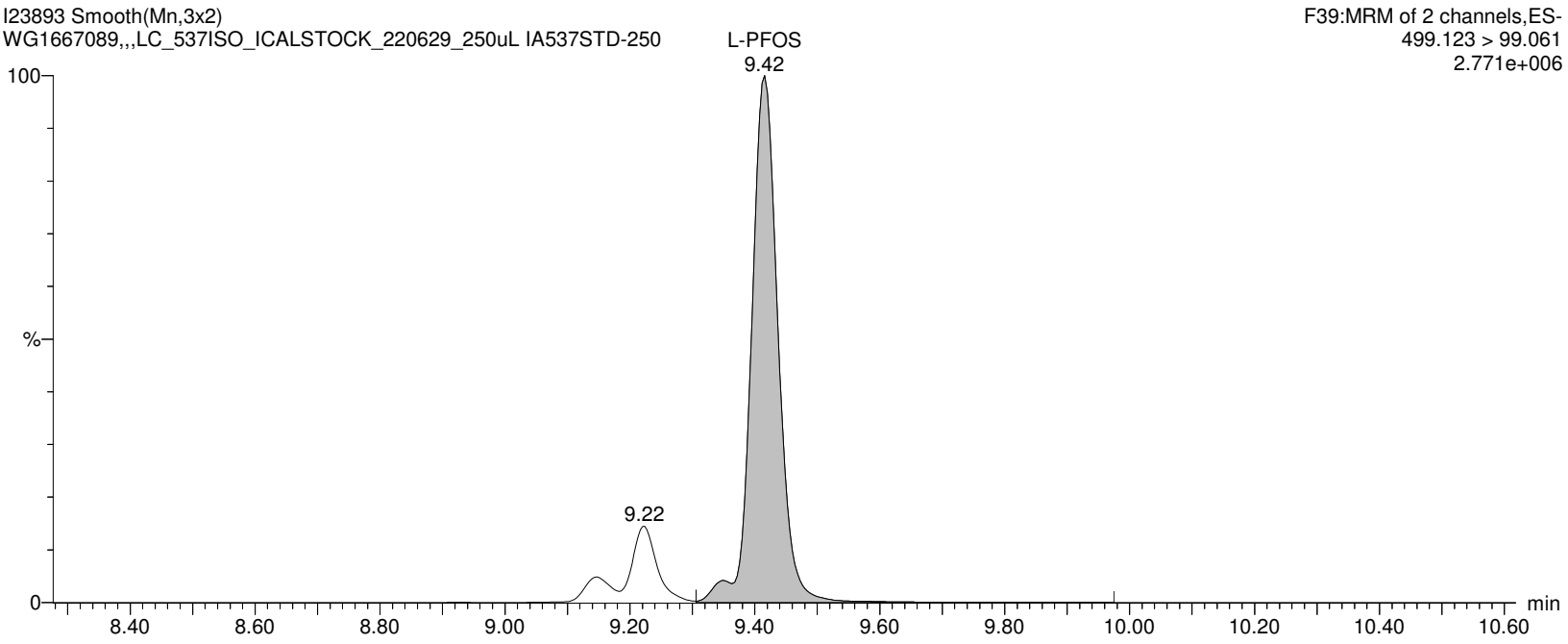
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

L-PFOS



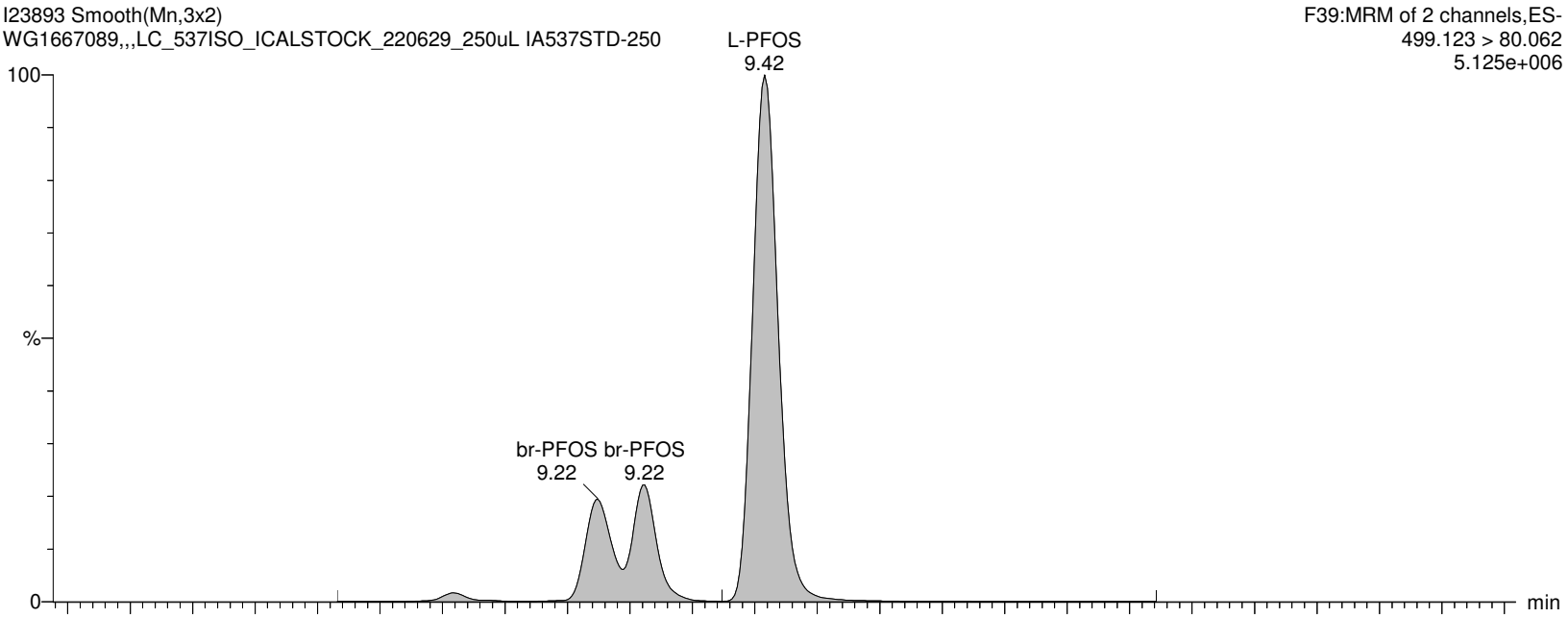


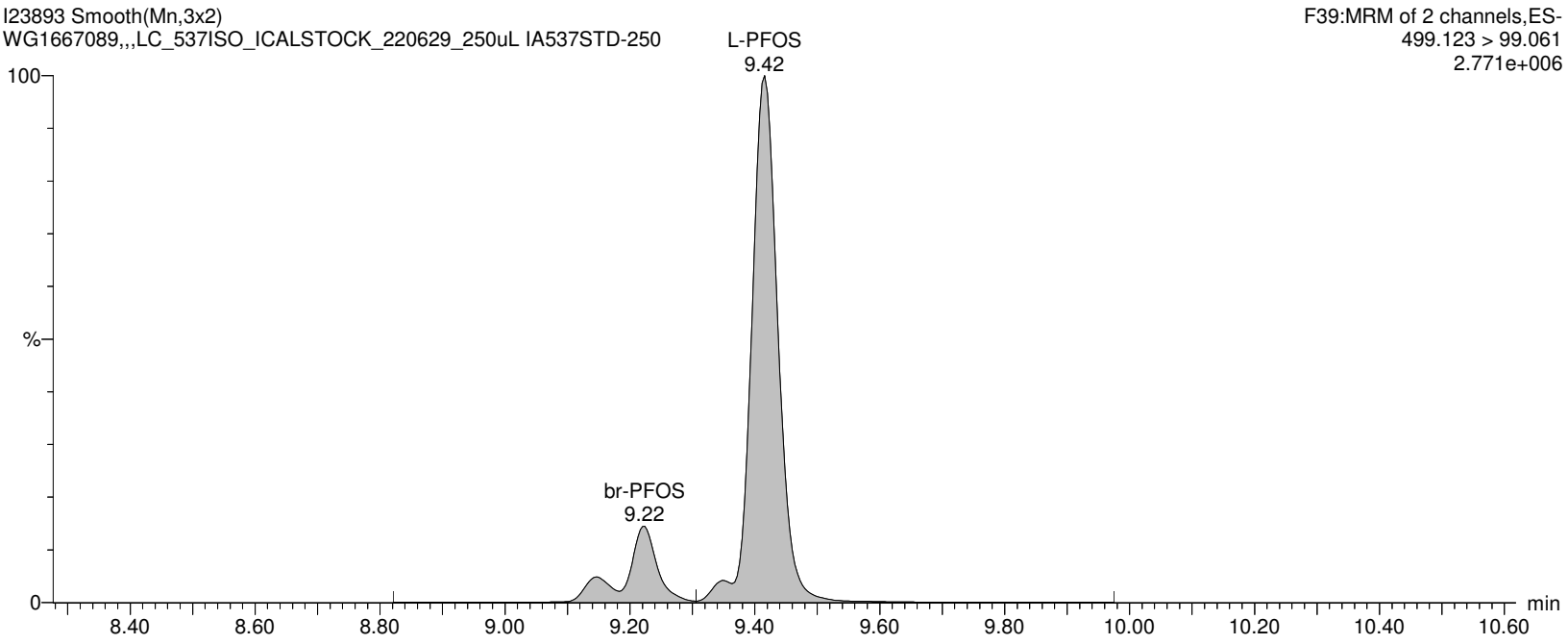
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFOS



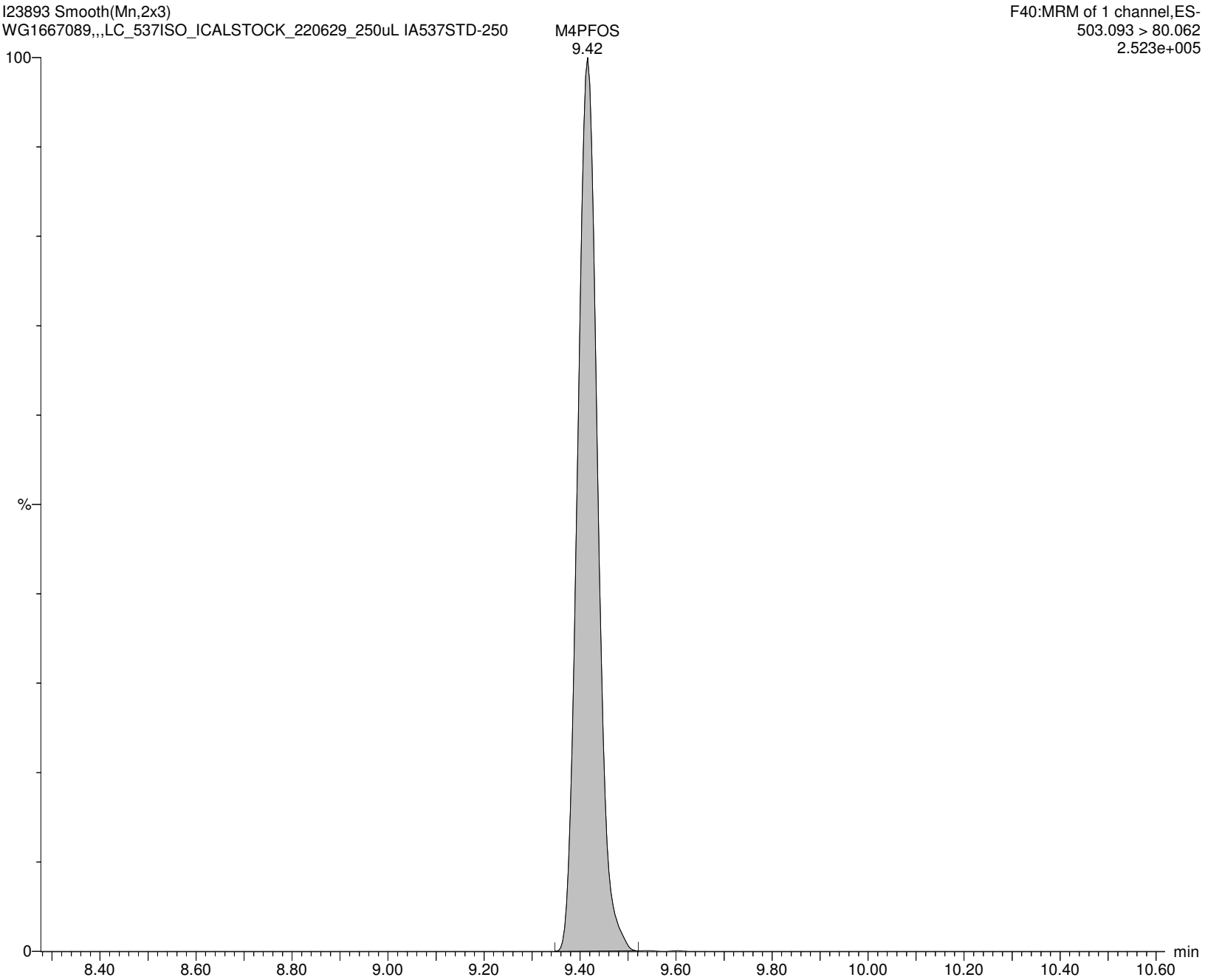


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M4PFOS

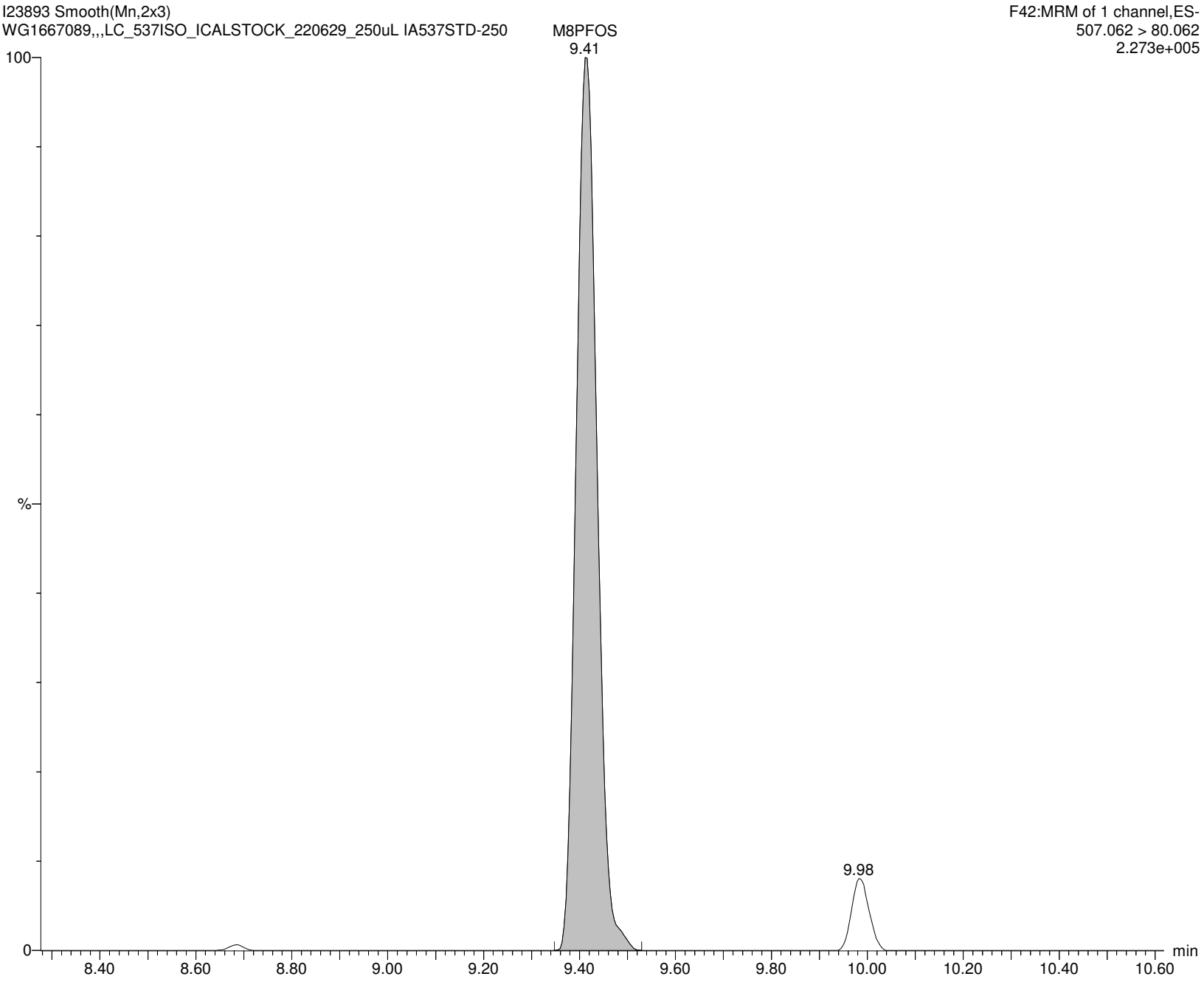


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M8PFOS

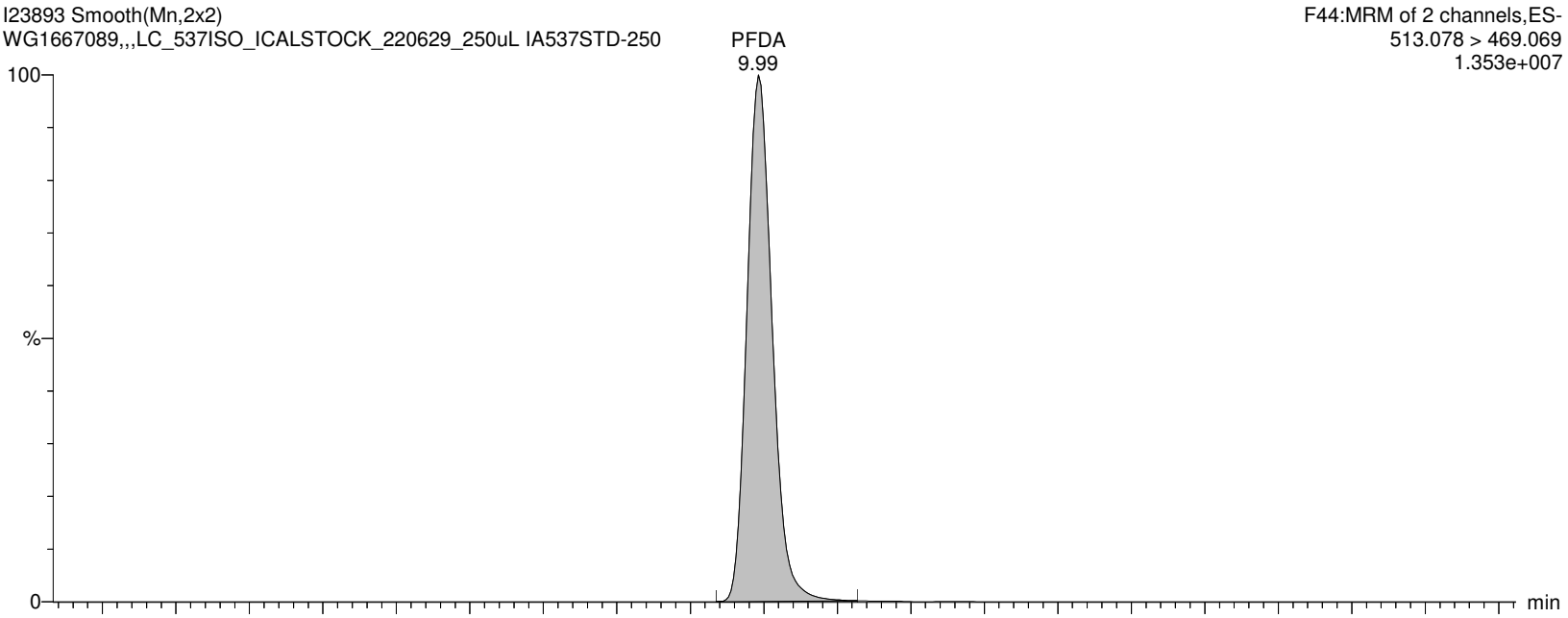


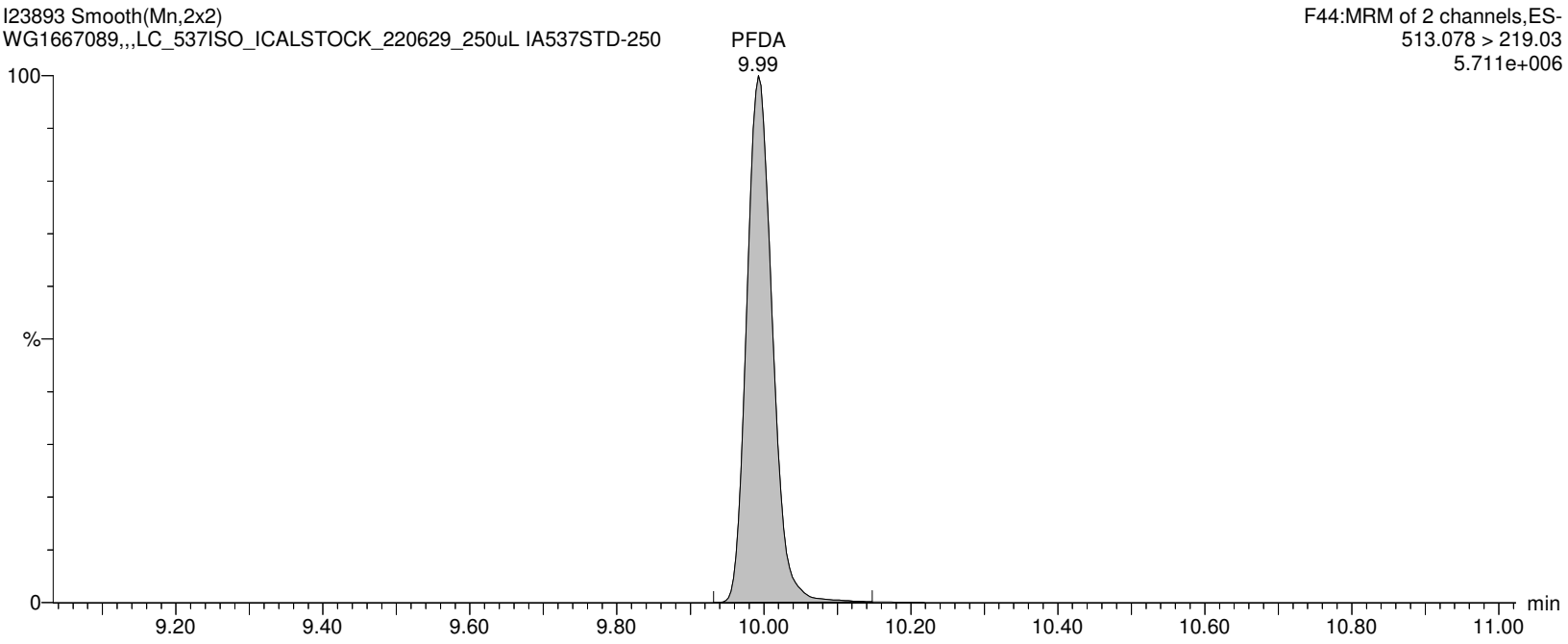
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFDA



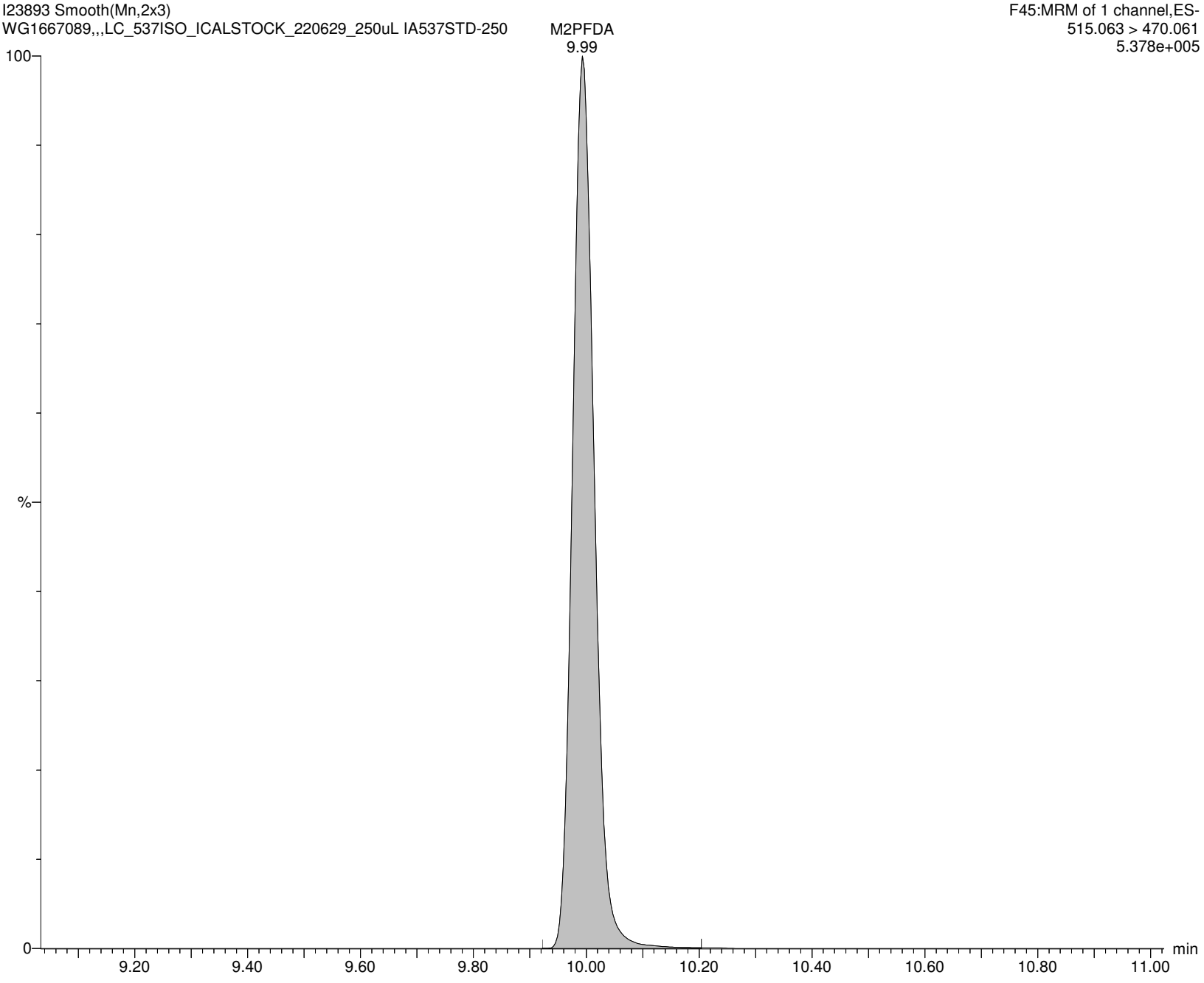


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2PFDA

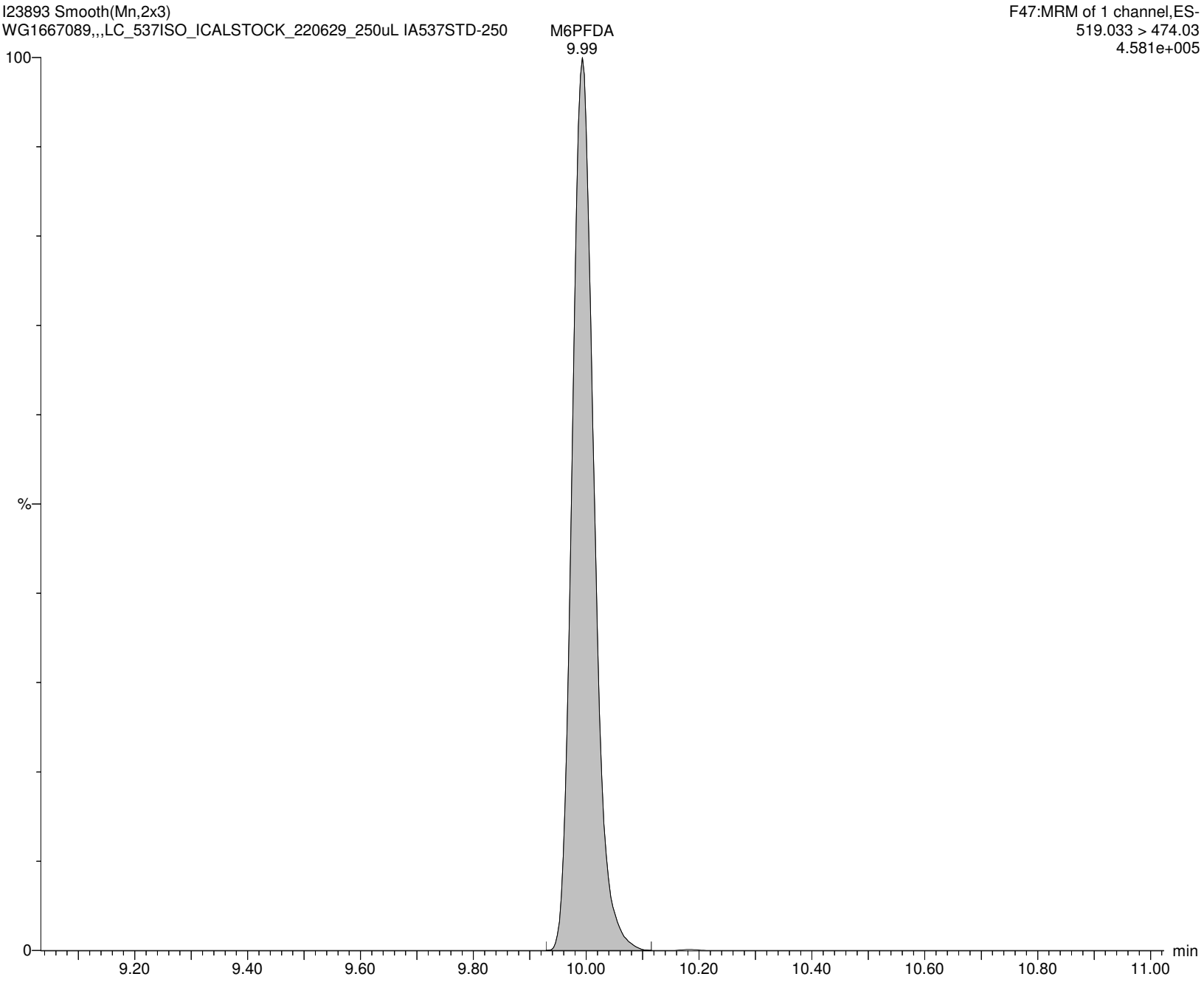


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M6PFDA

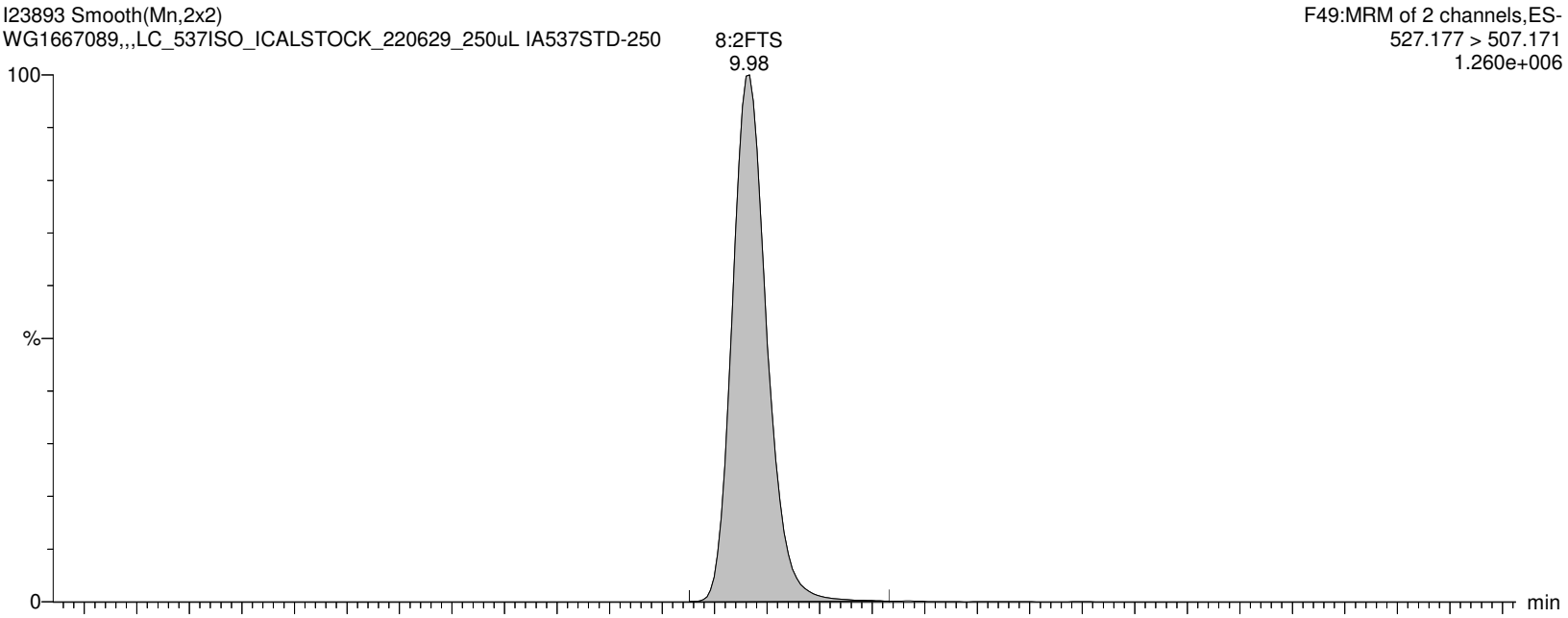


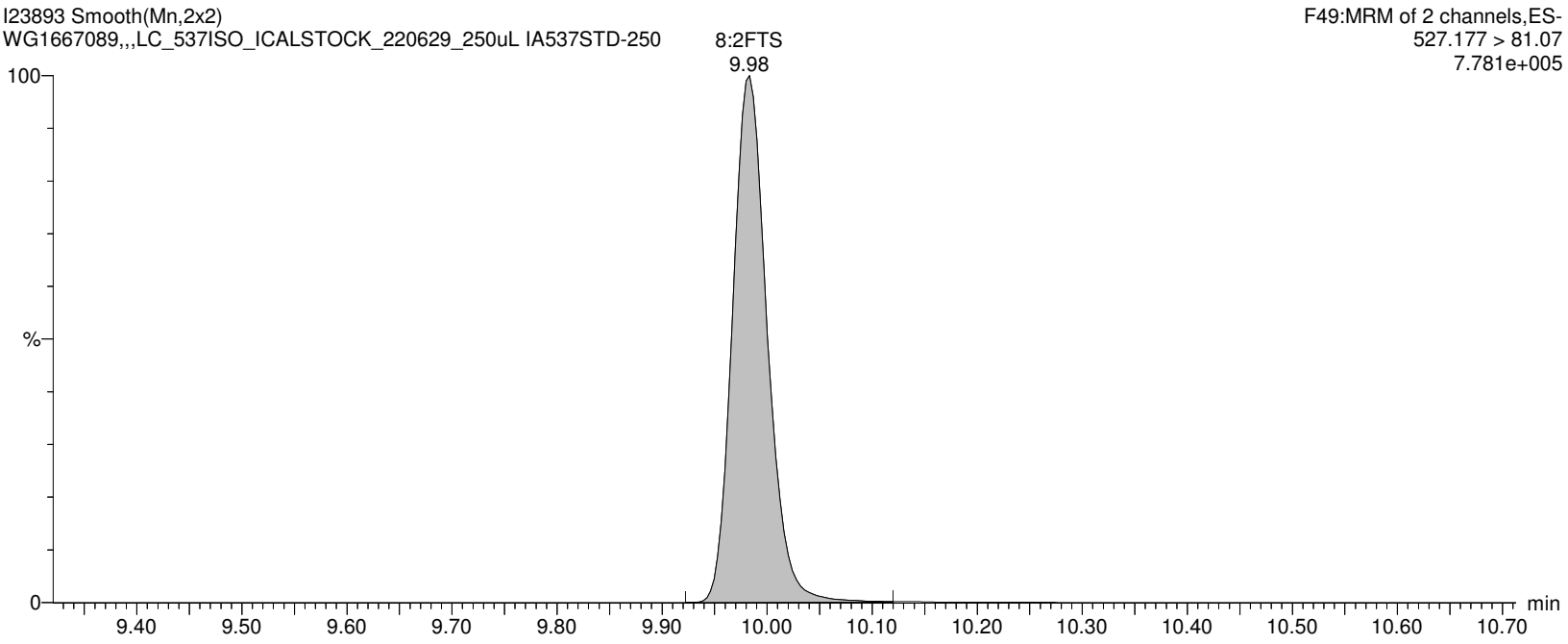
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

8:2FTS



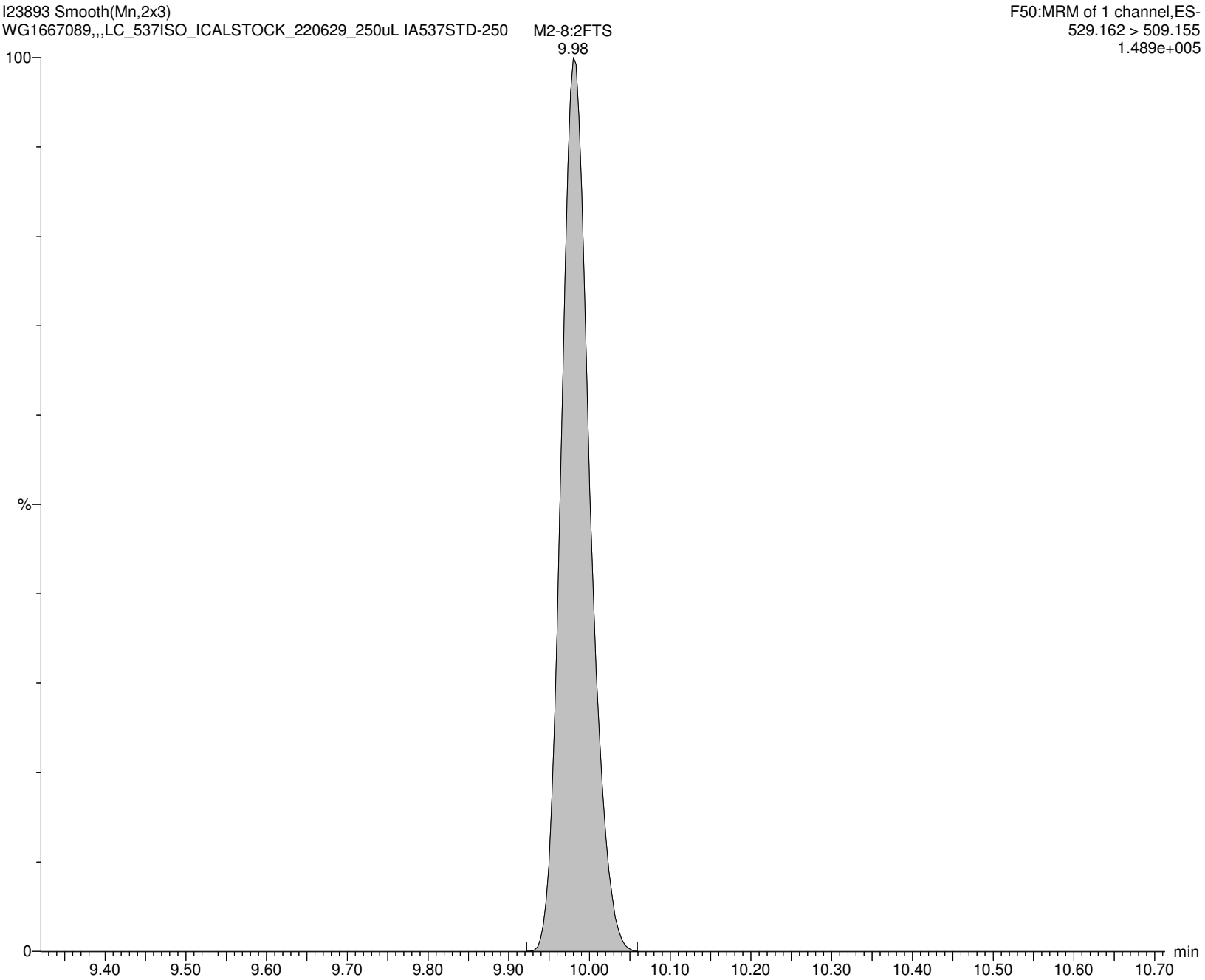


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2-8:2FTS

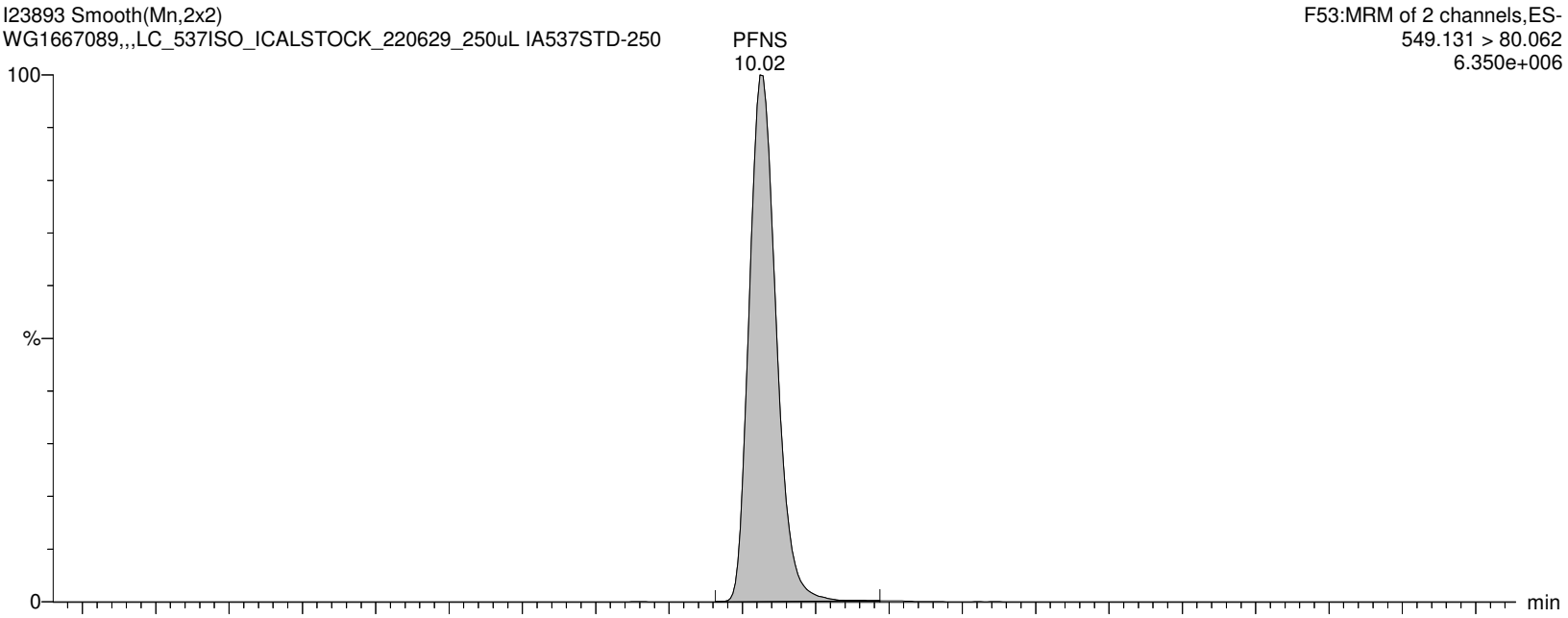


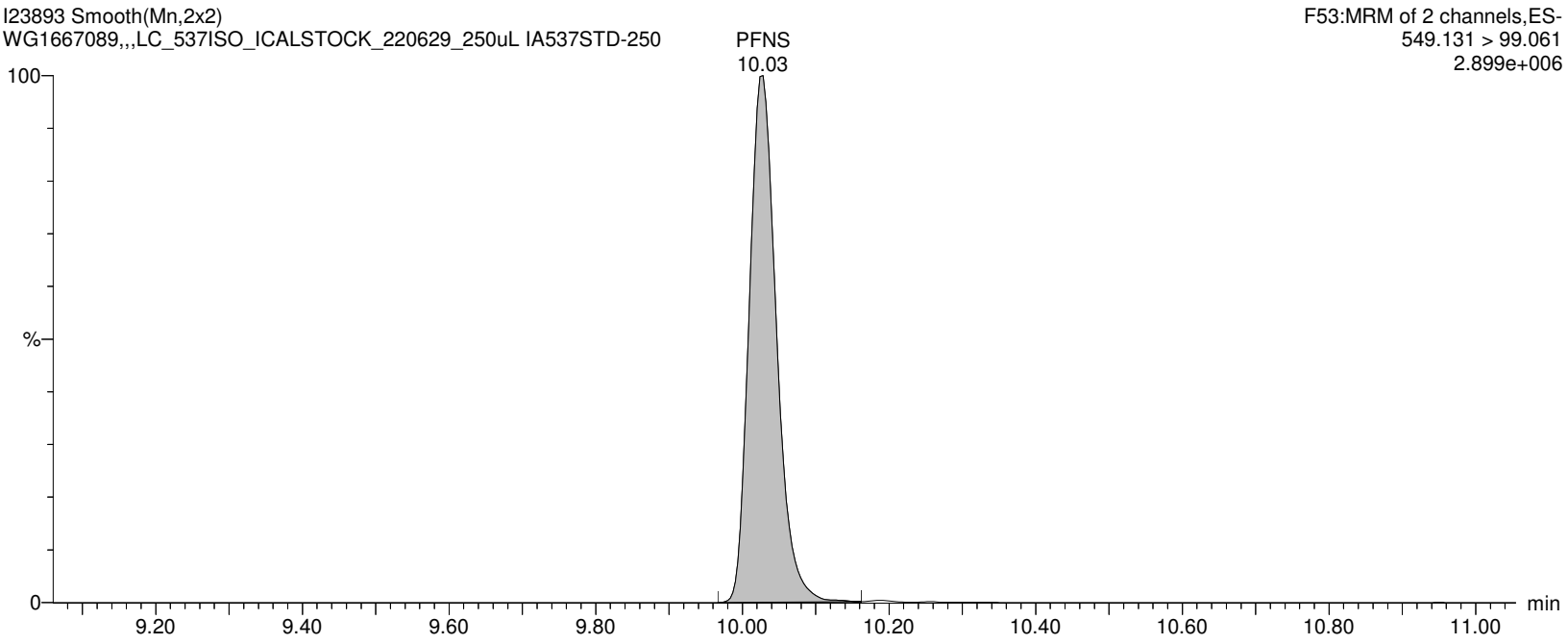
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFNS



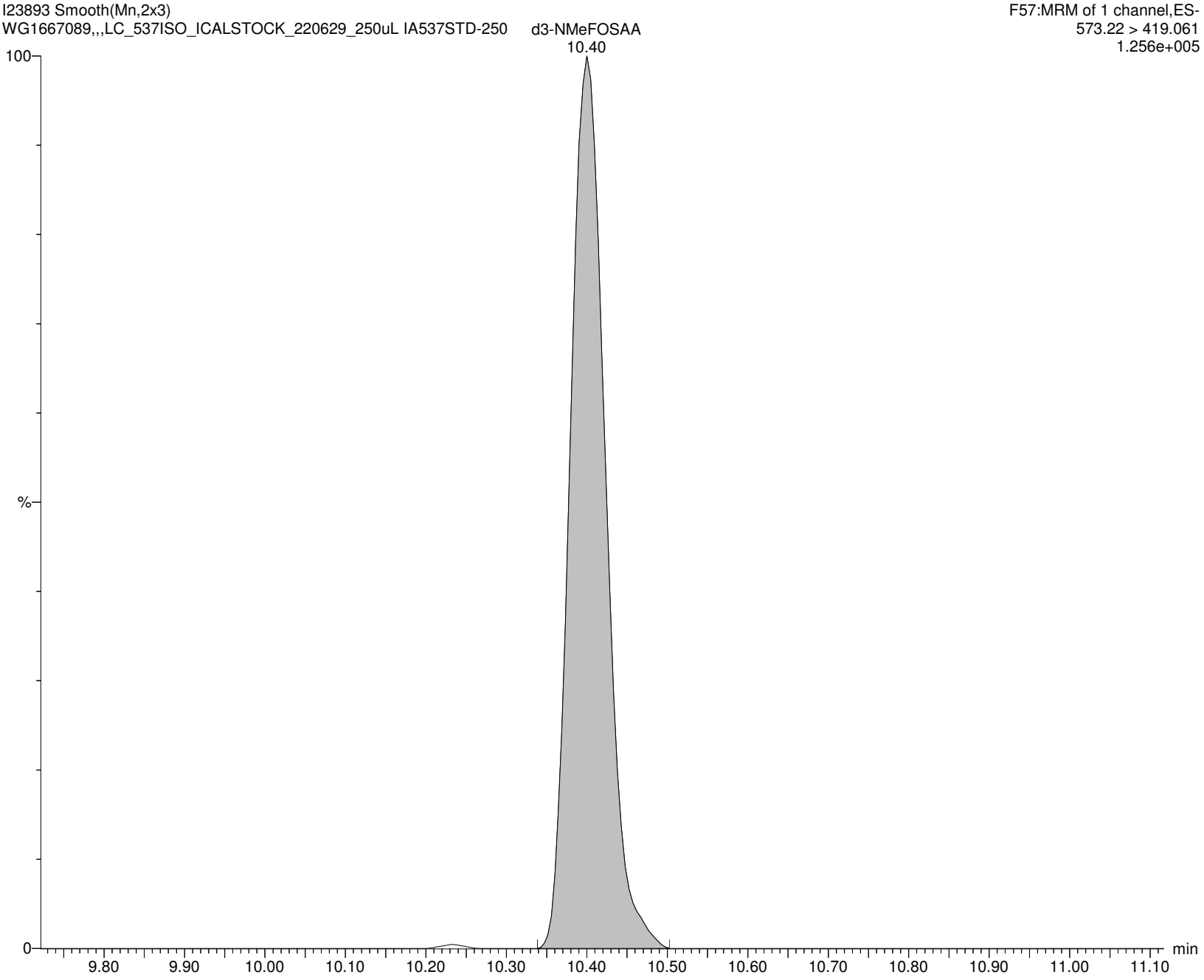


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

d3-NMeFOSAA

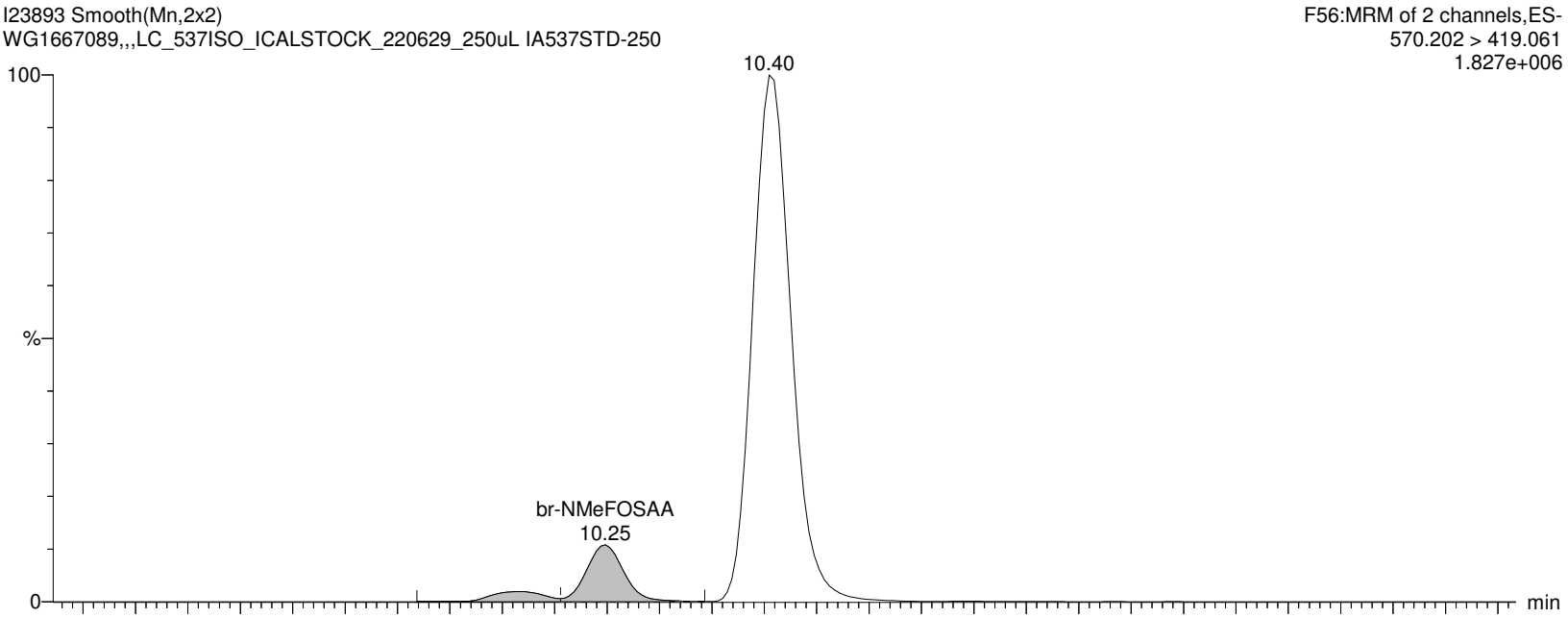


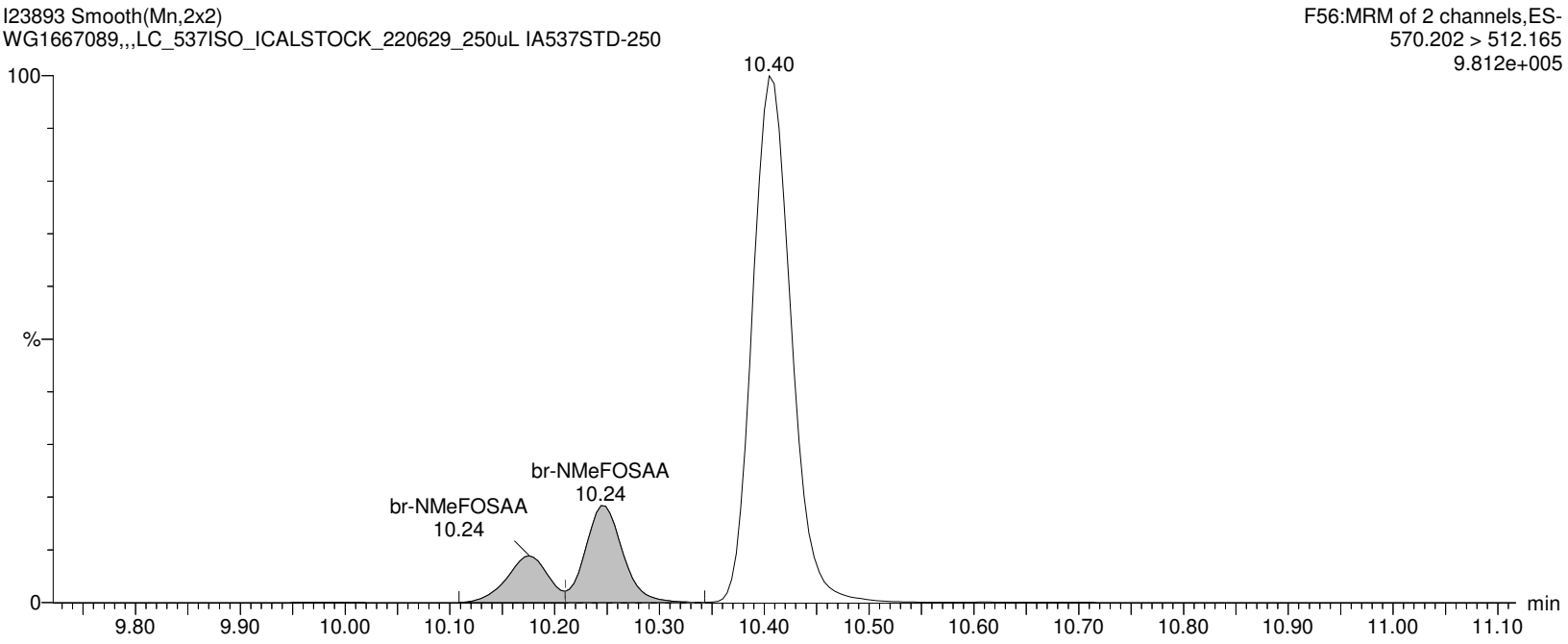
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

br-NMeFOSAA



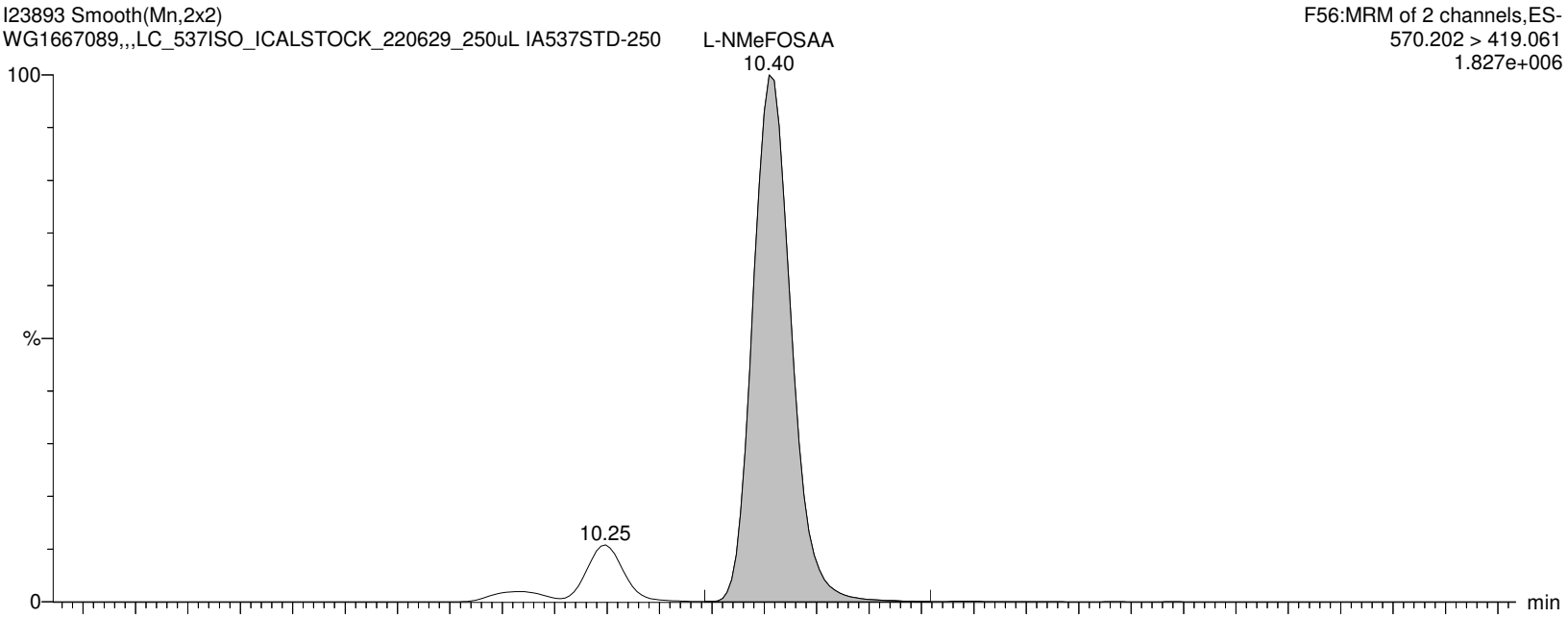


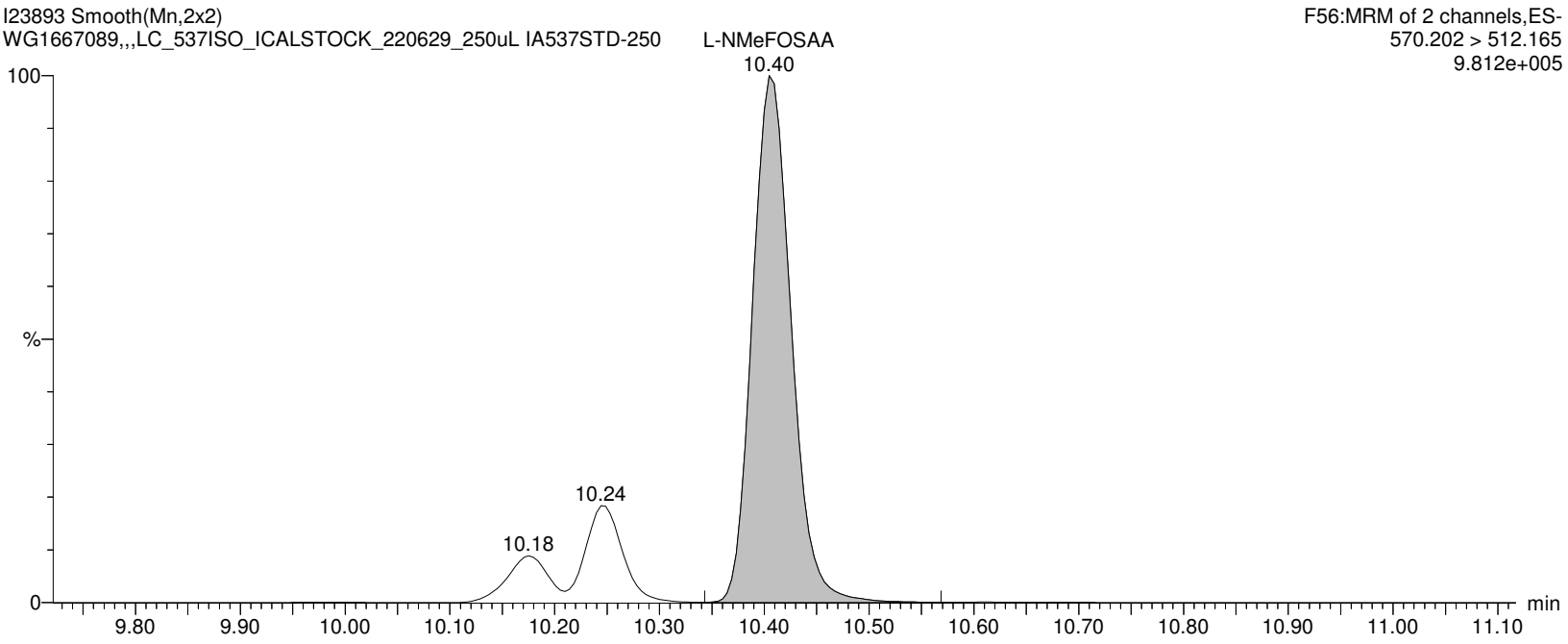
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

L-NMeFOSAA



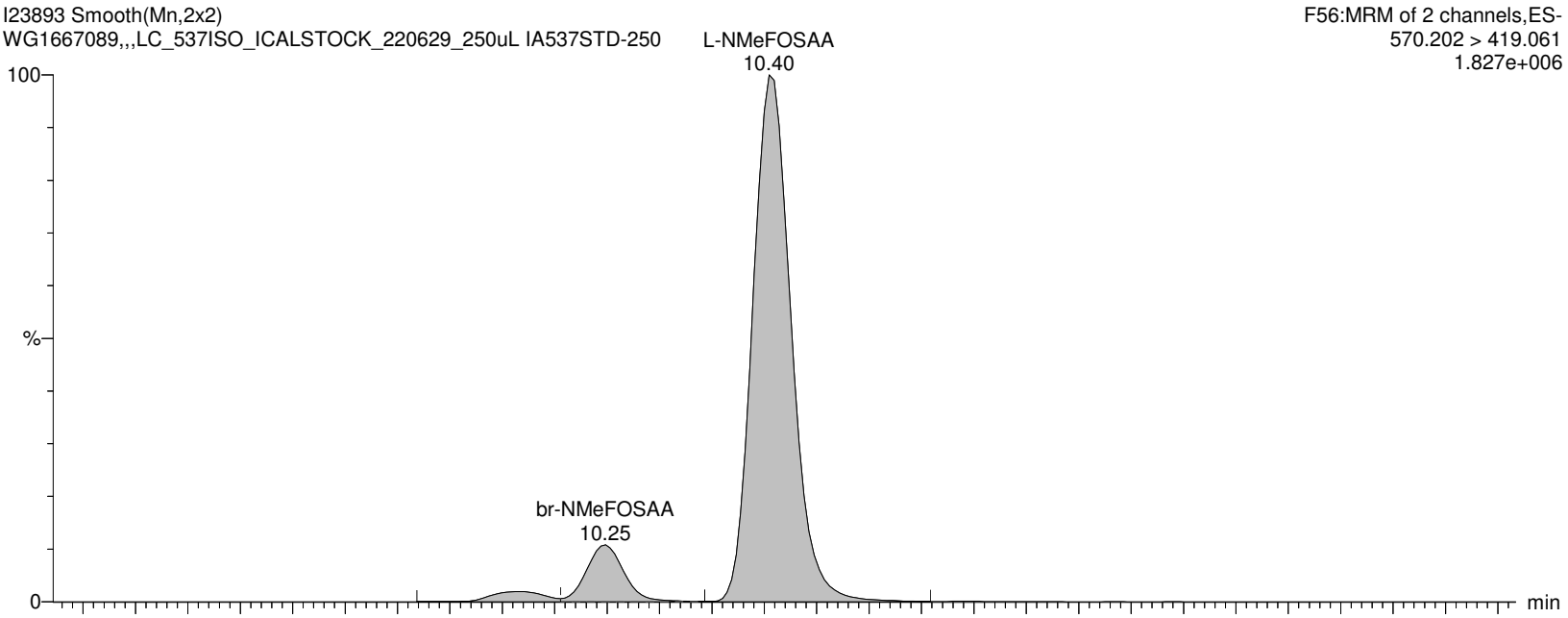


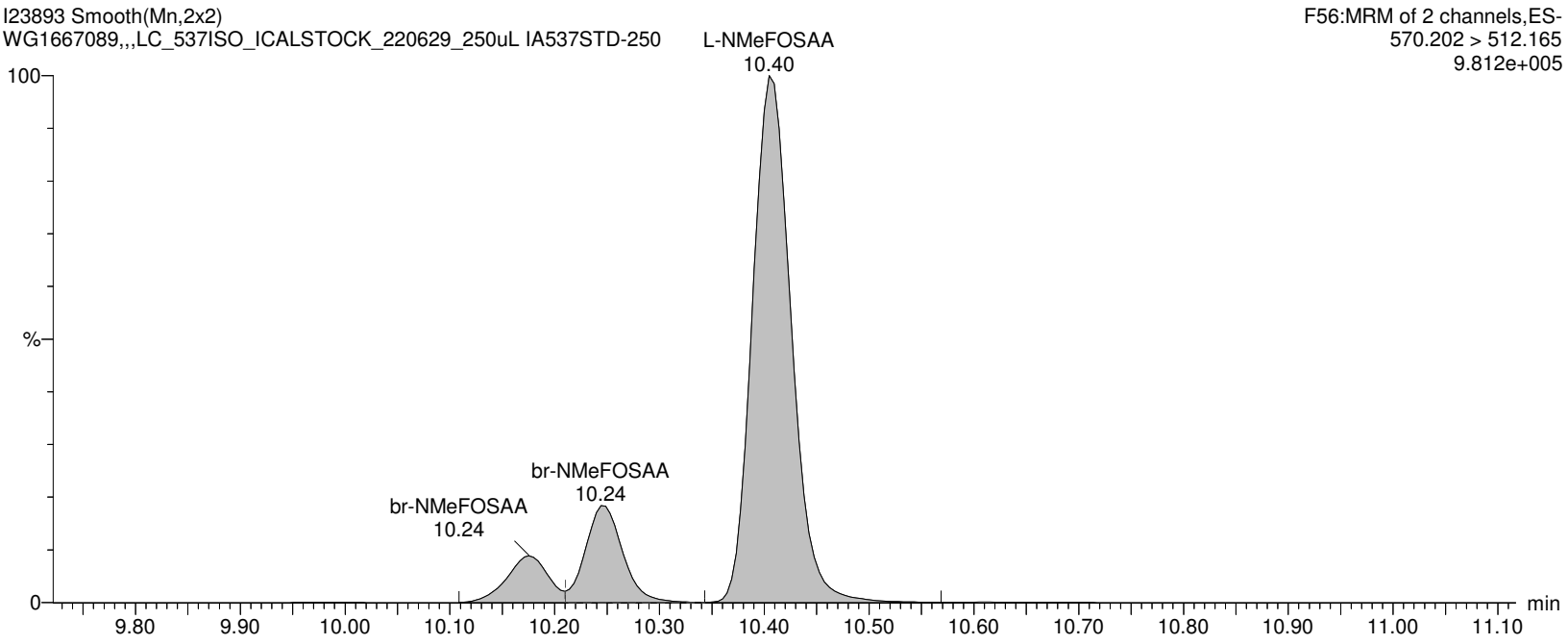
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NMeFOSAA



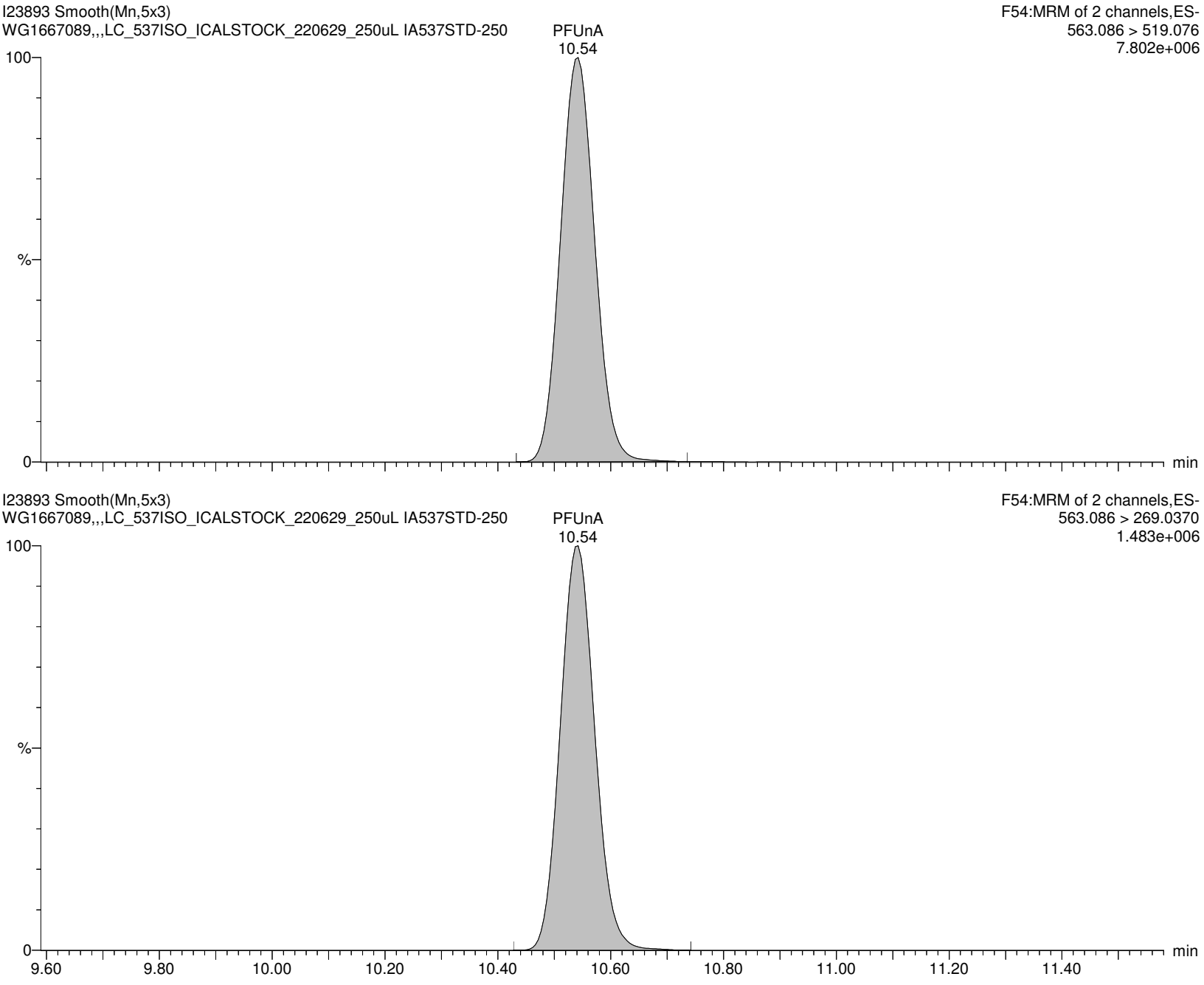


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFUnA

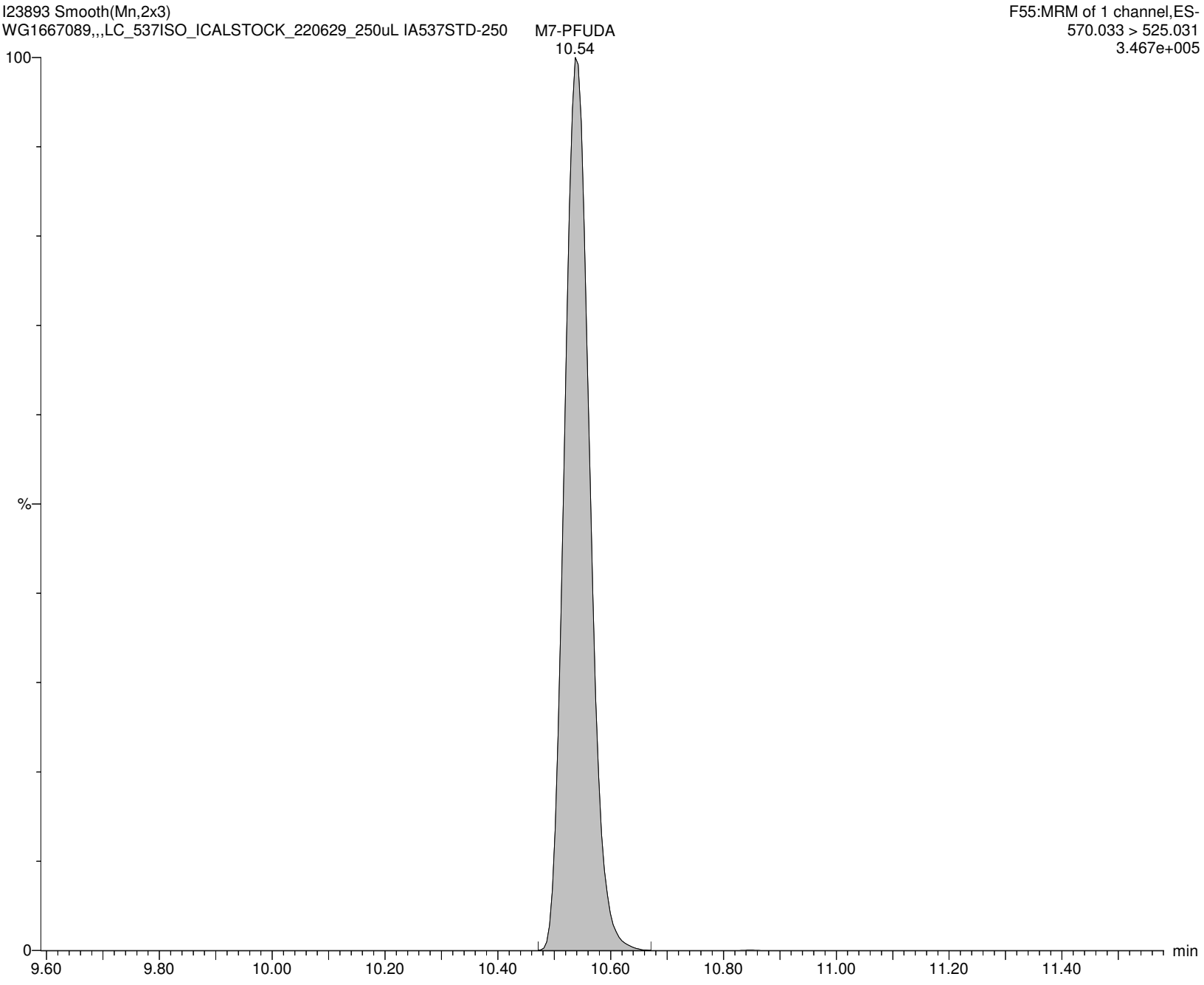


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M7-PFUDA

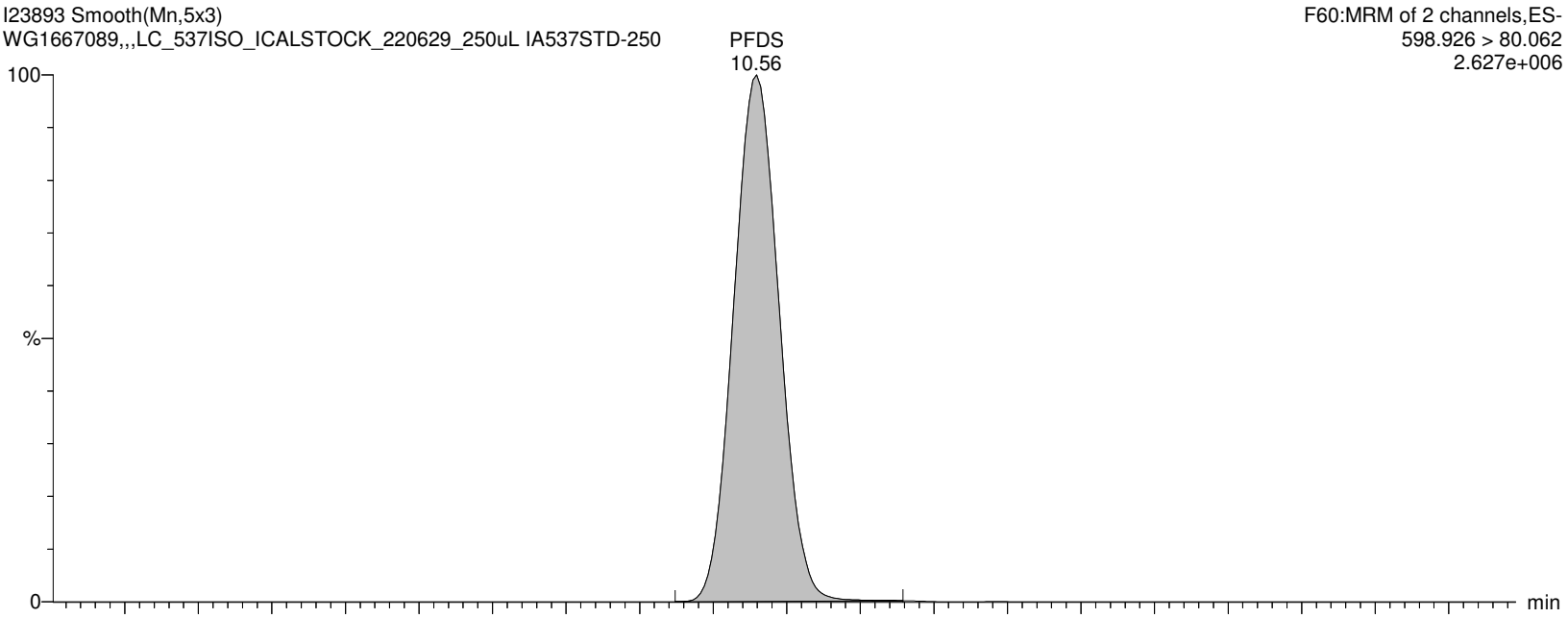


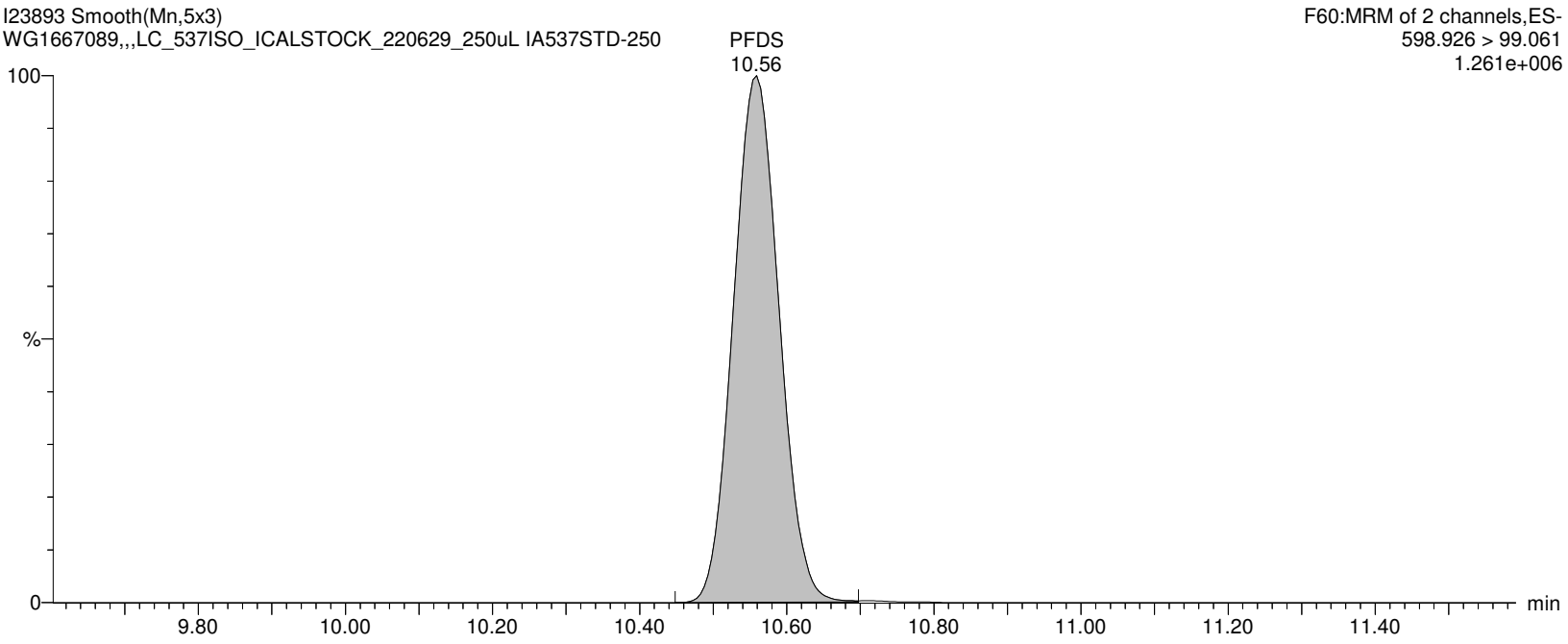
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFDS



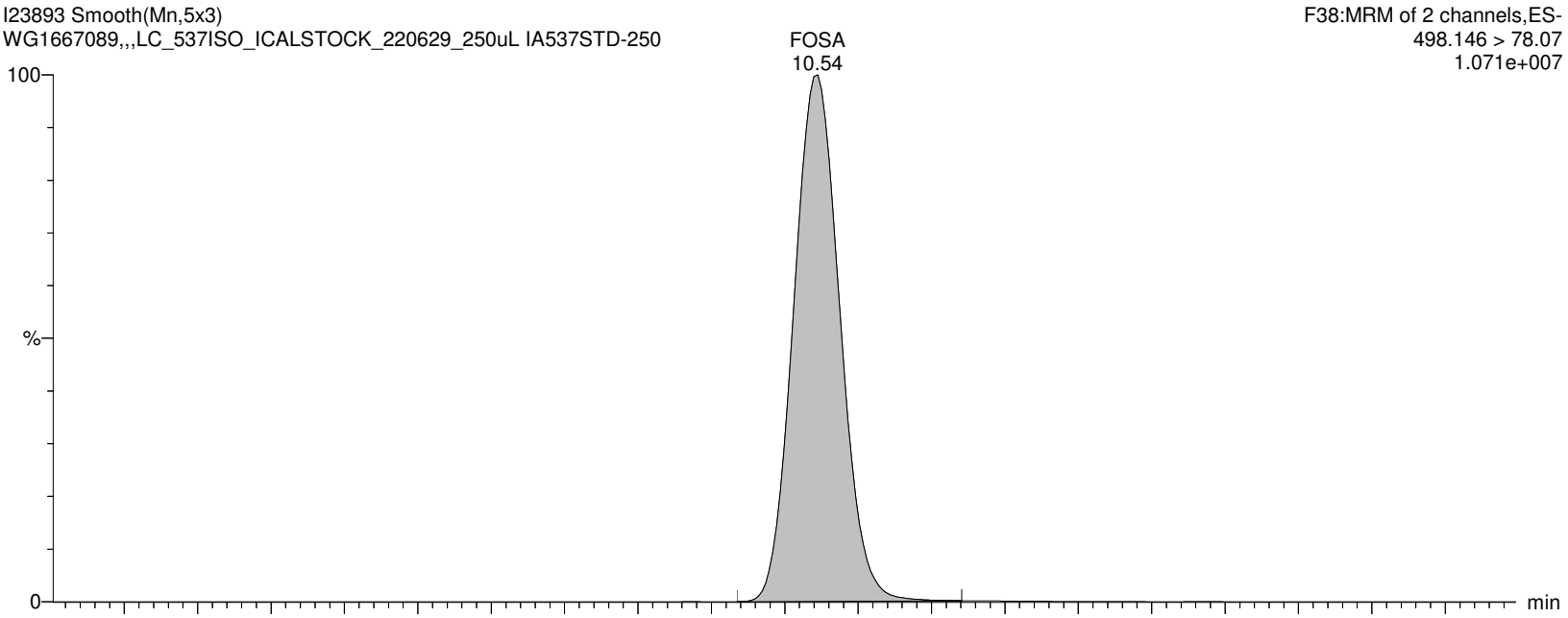


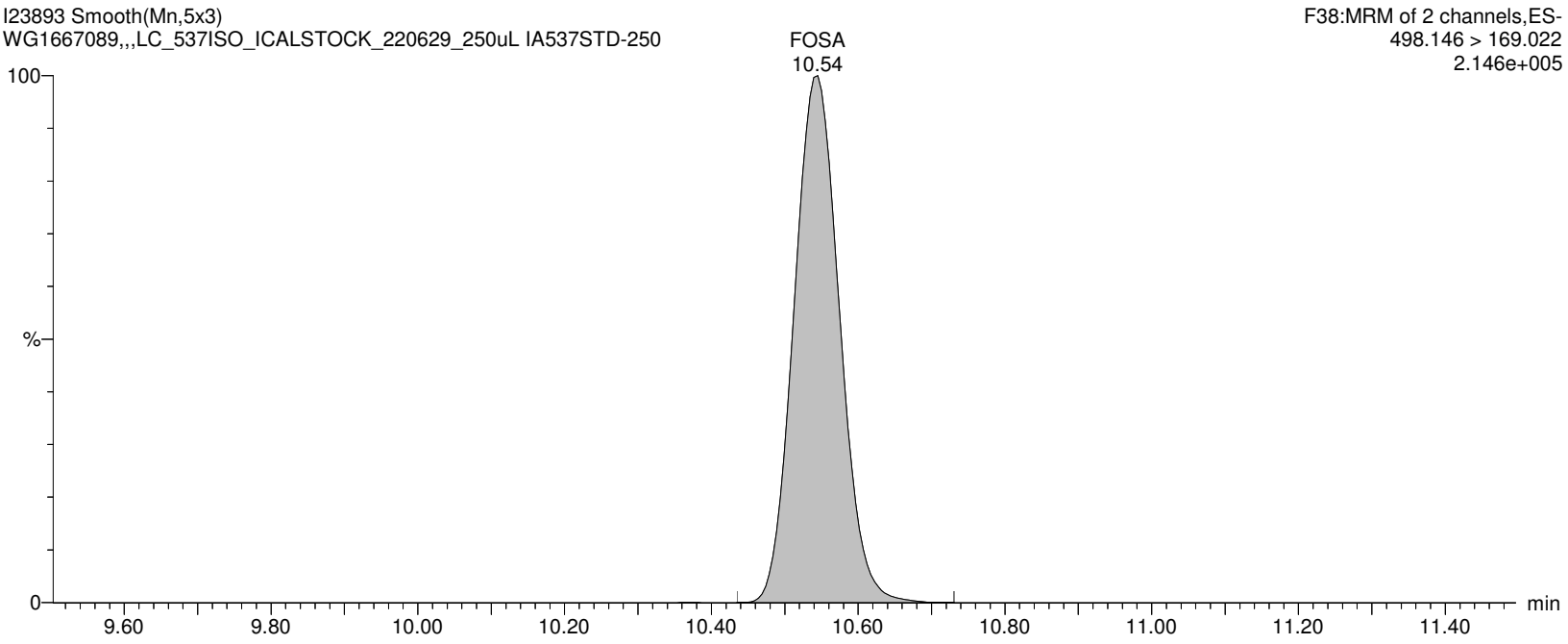
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

FOSA



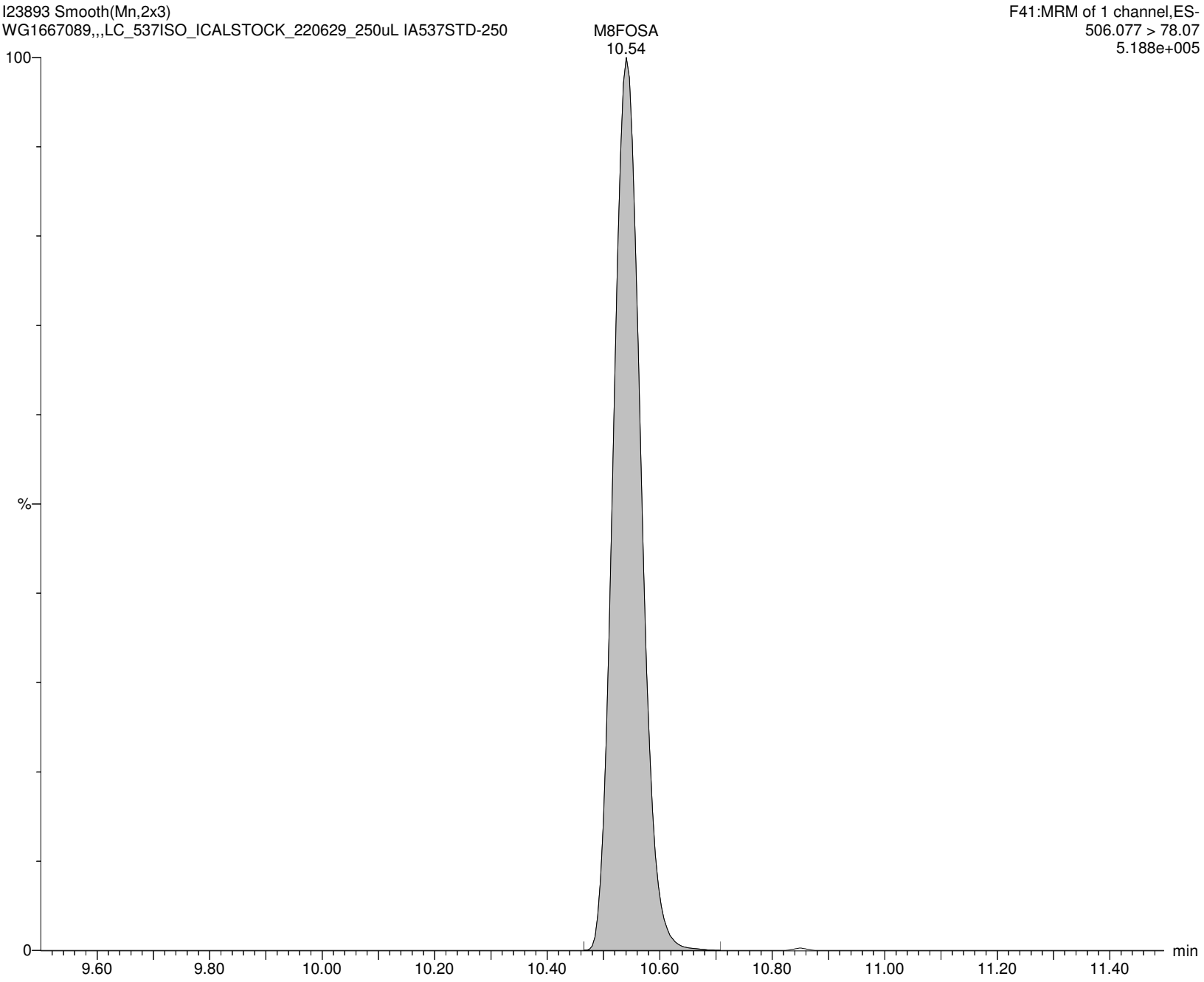


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M8FOSA

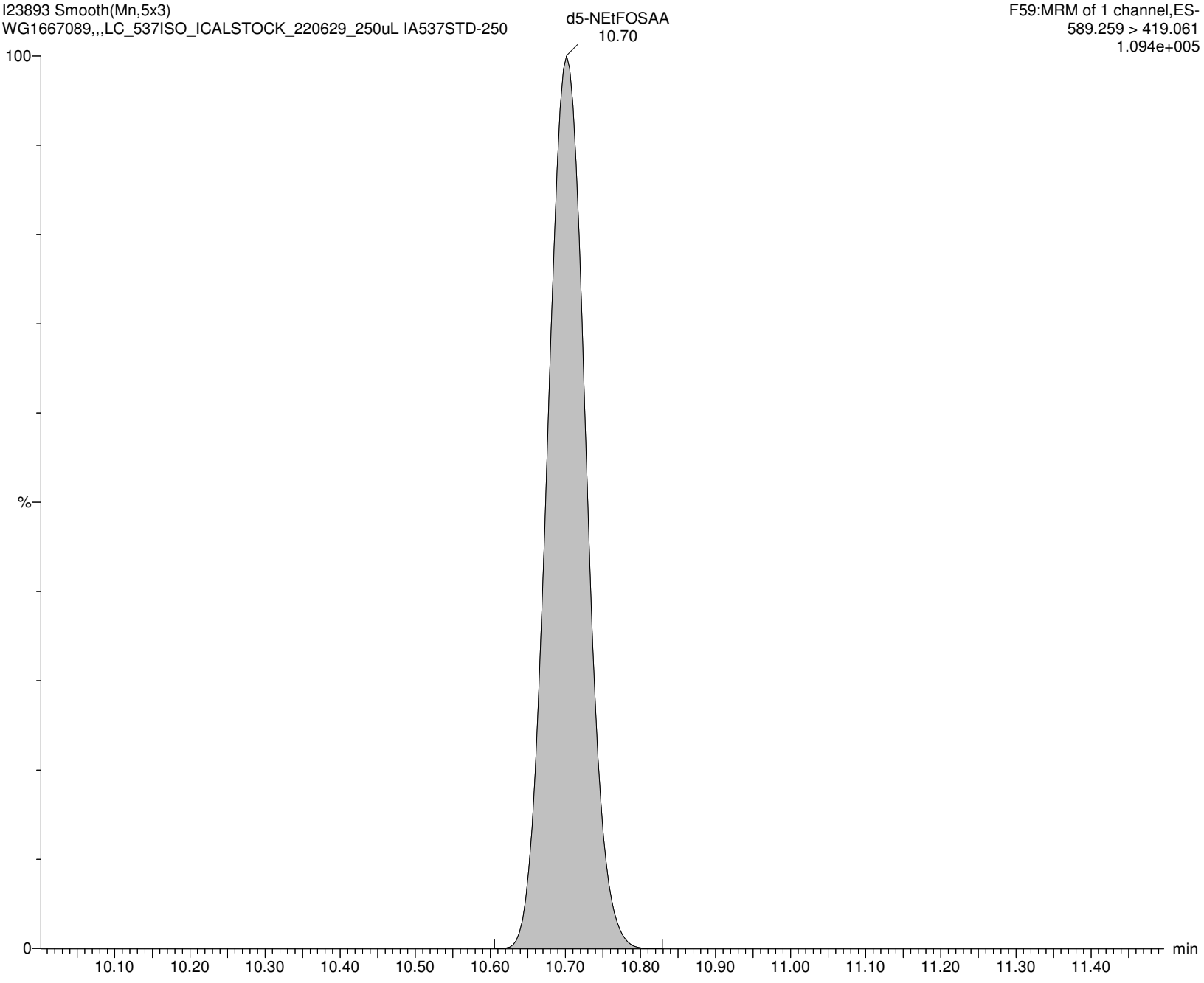


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

d5-NEtFOSAA

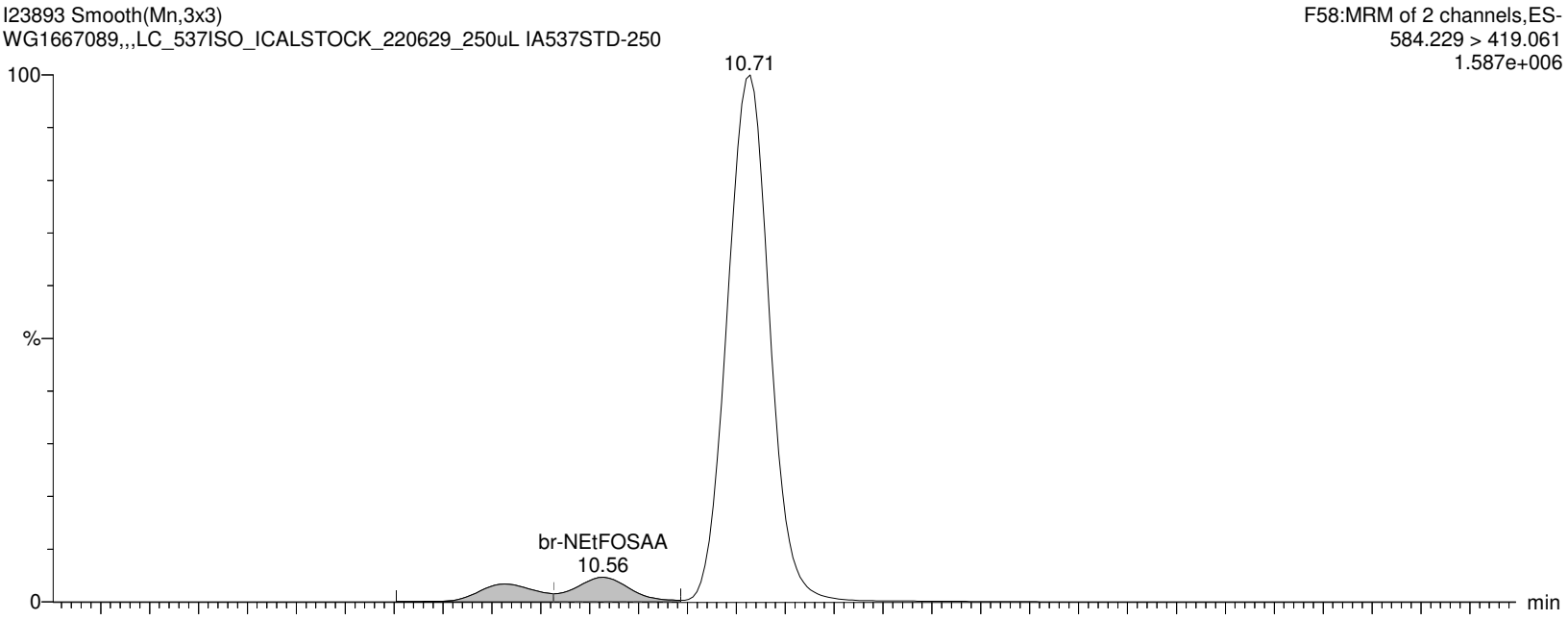


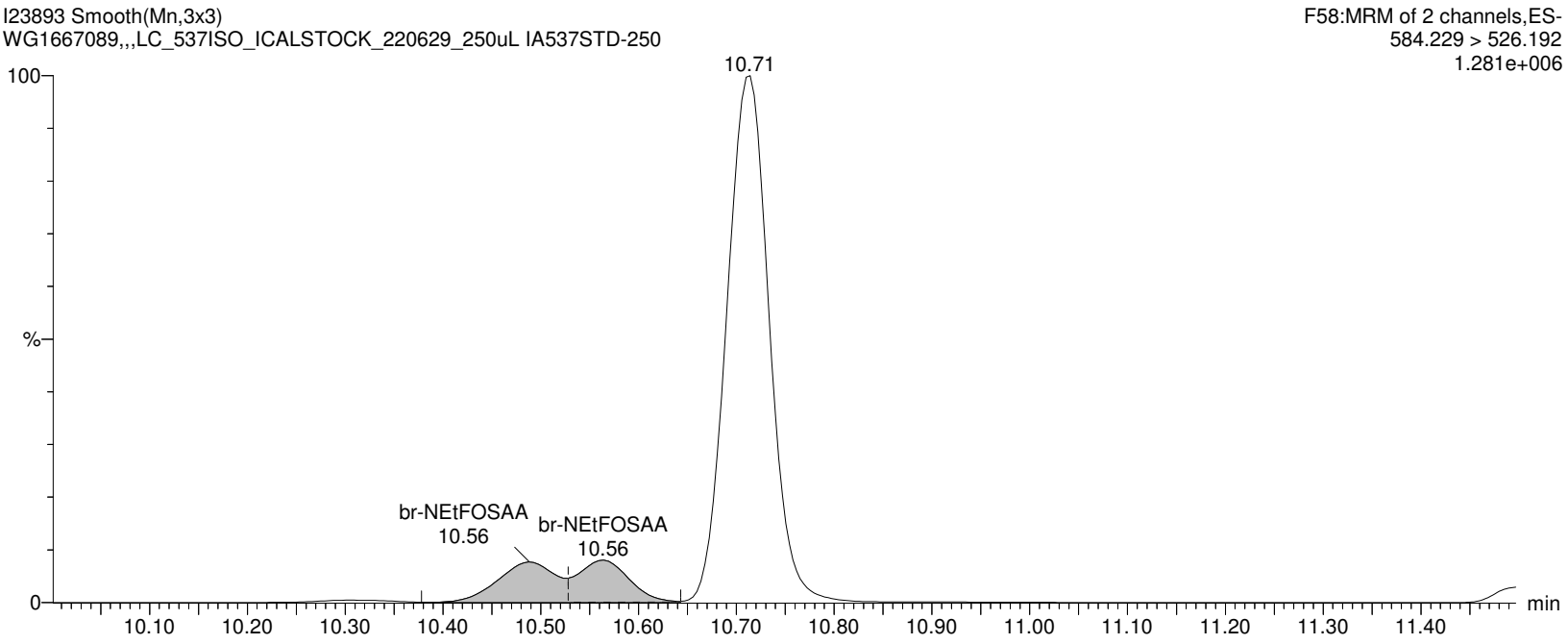
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

br-NEtFOSAA



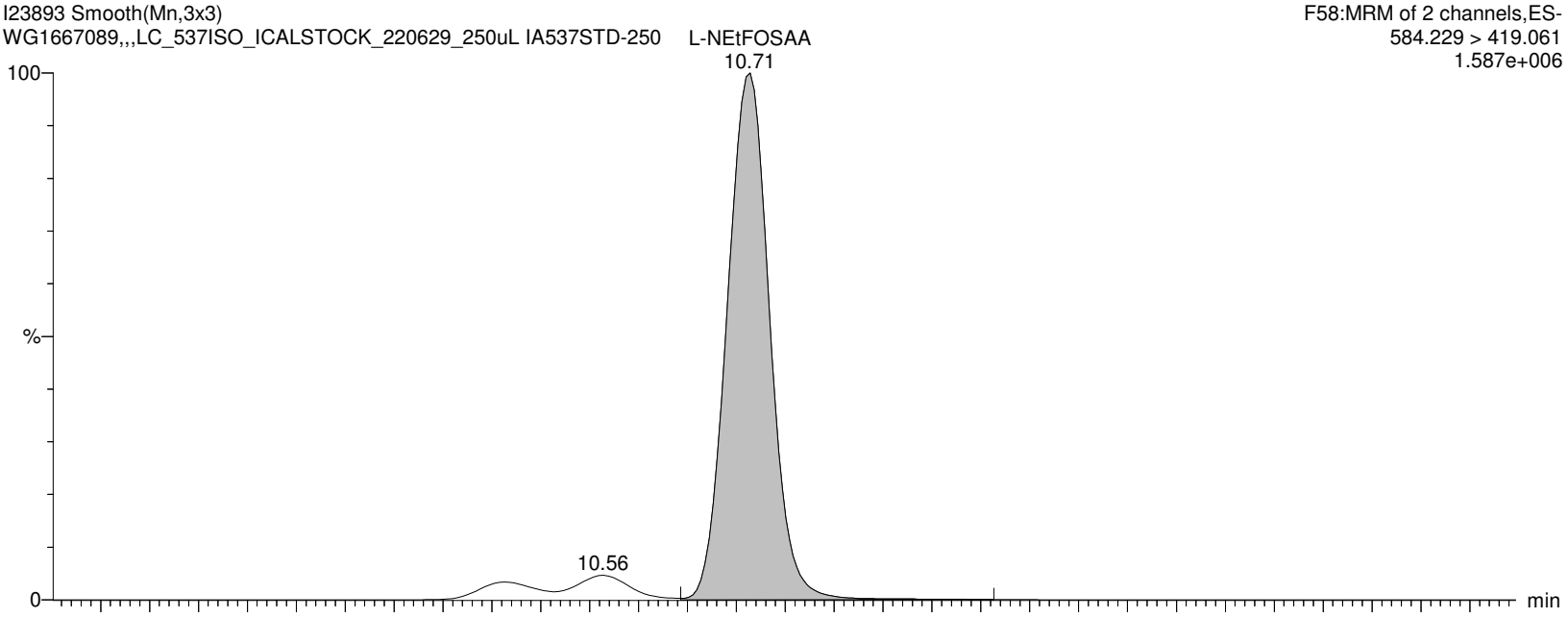


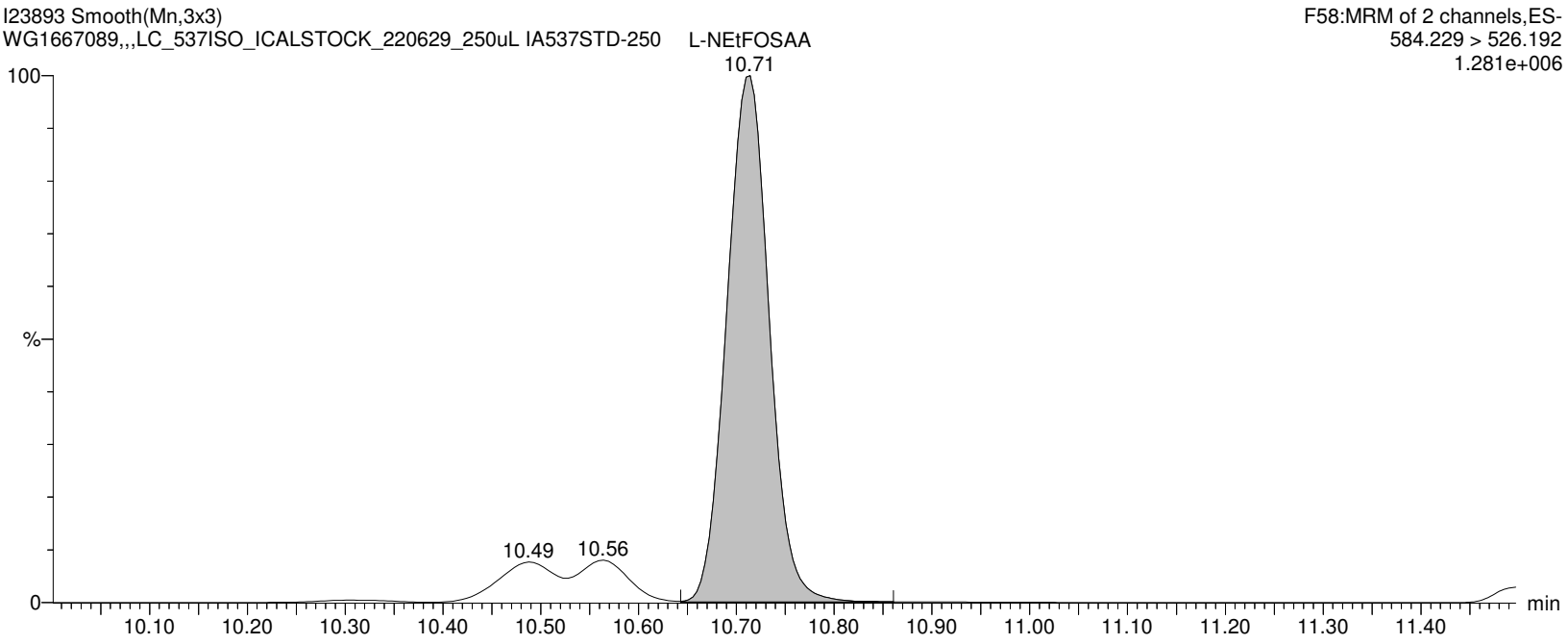
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

L-NEtFOSAA



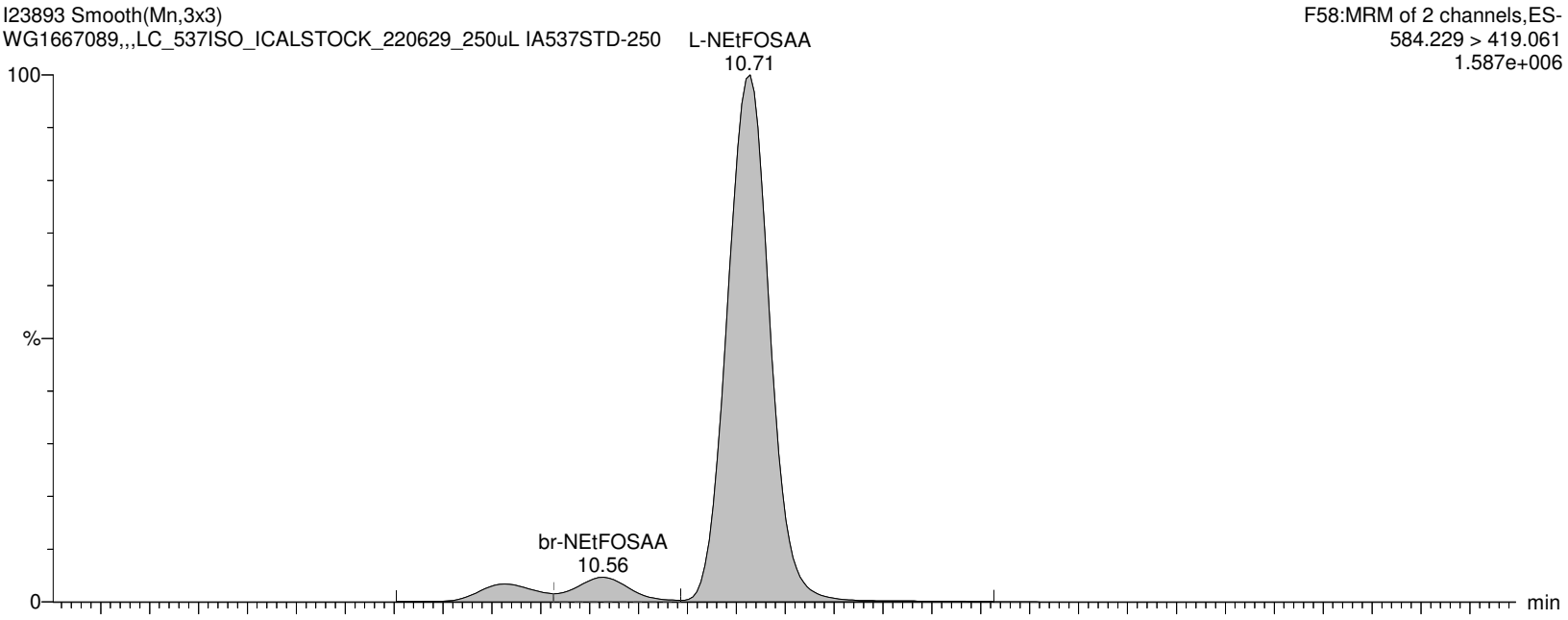


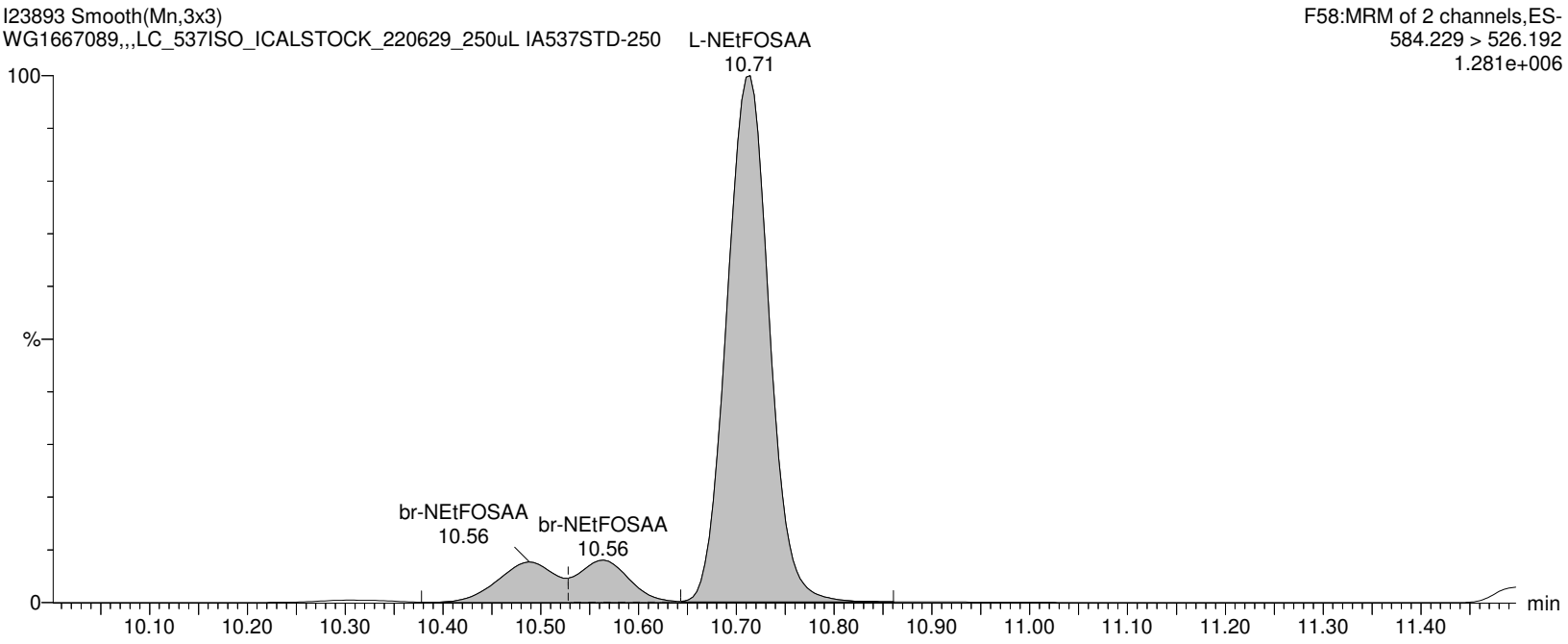
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NEtFOSAA



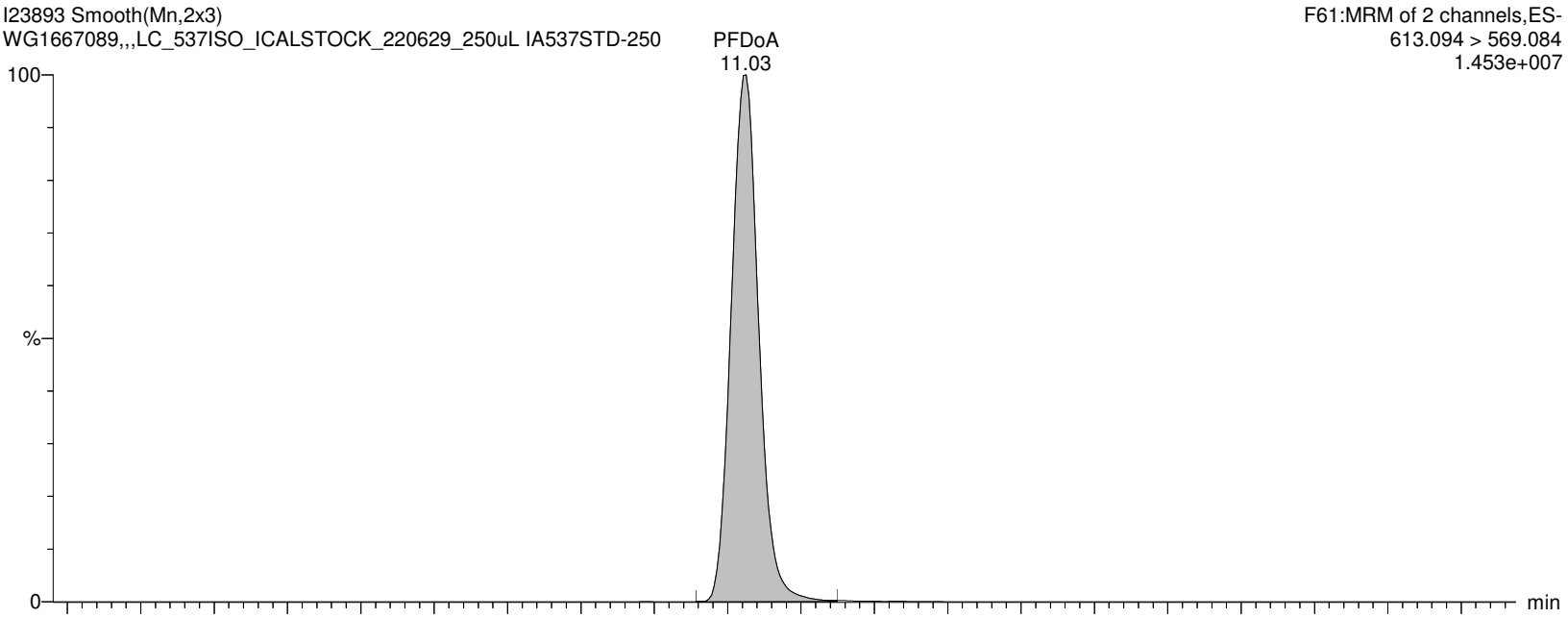


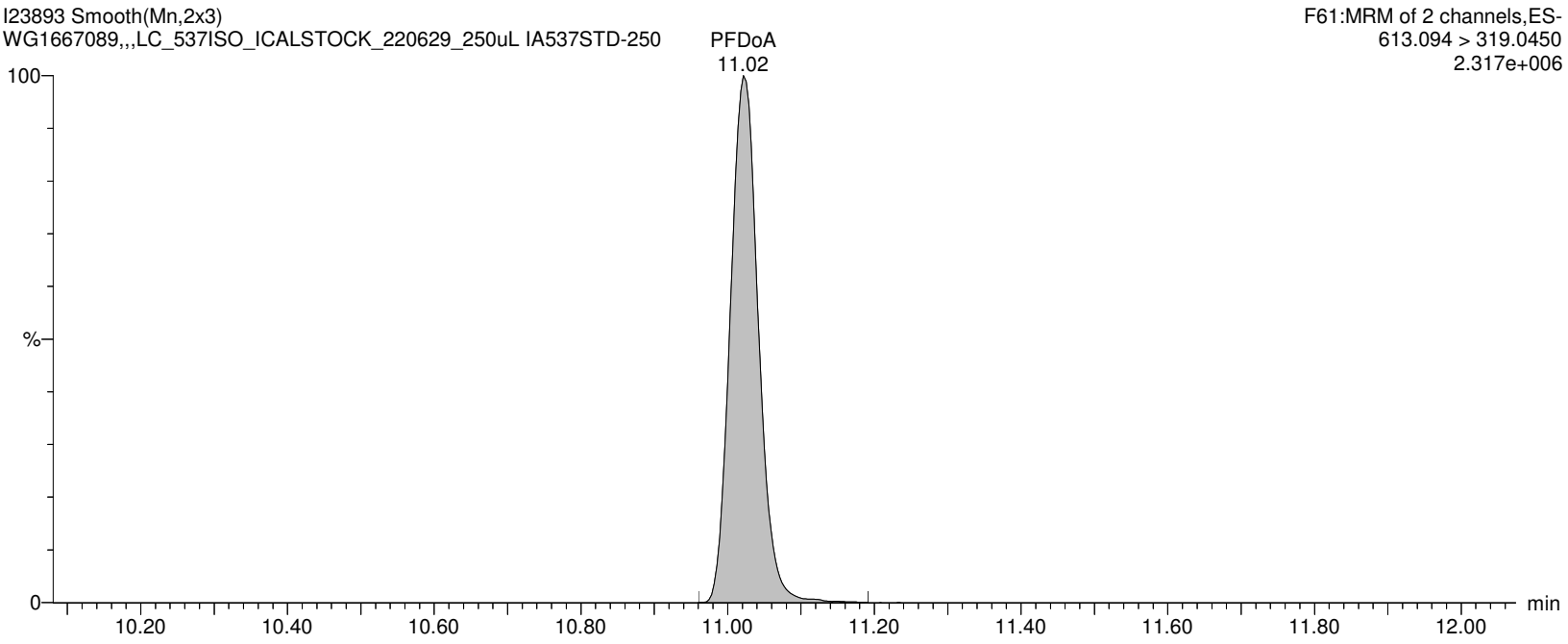
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFDoA



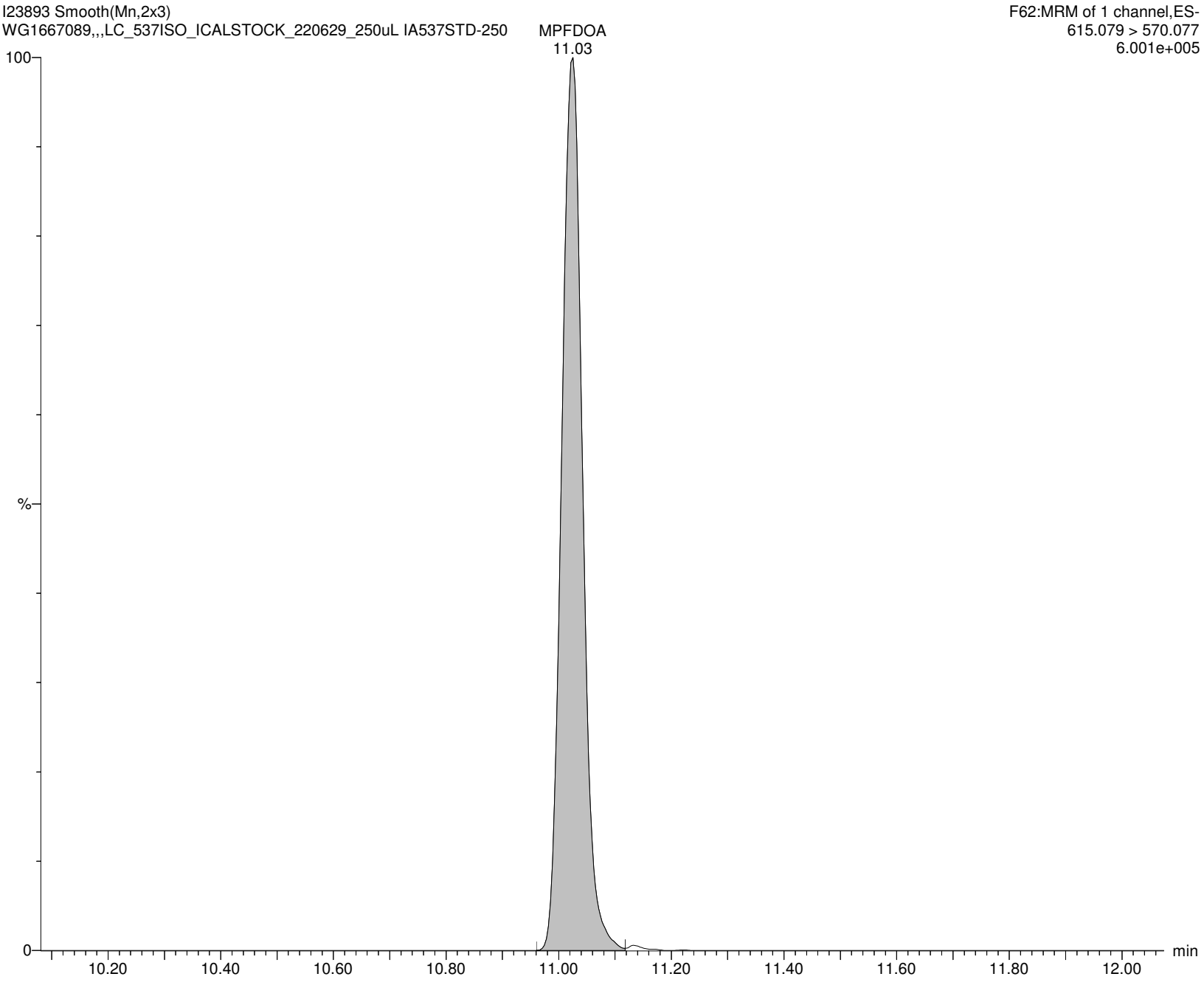


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

MPFDOA

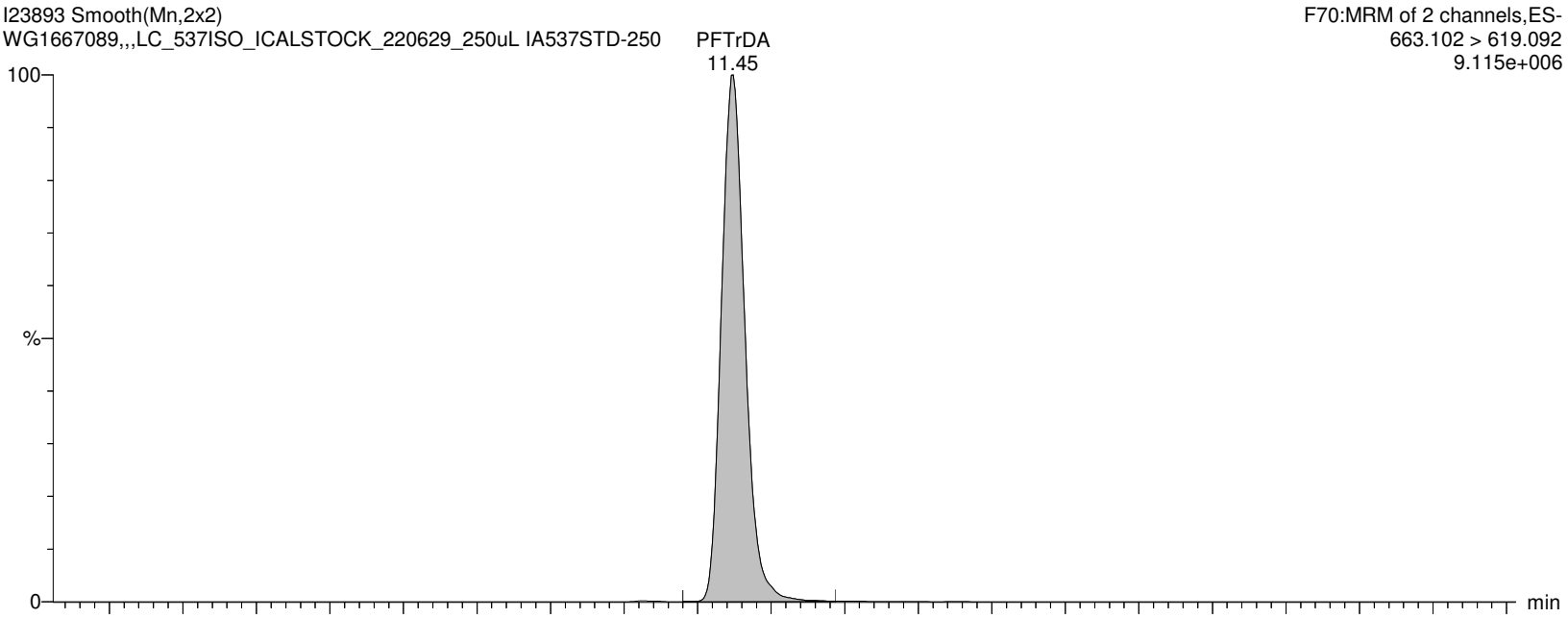


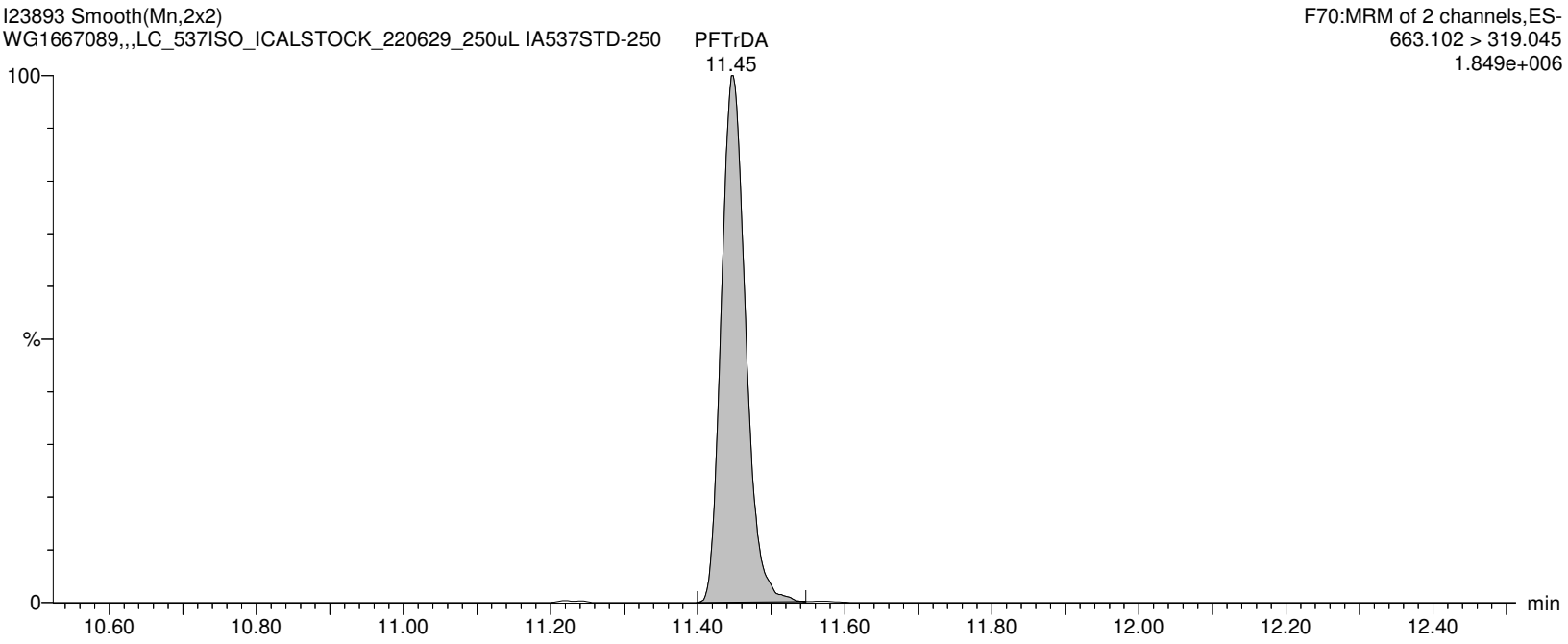
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFTrDA



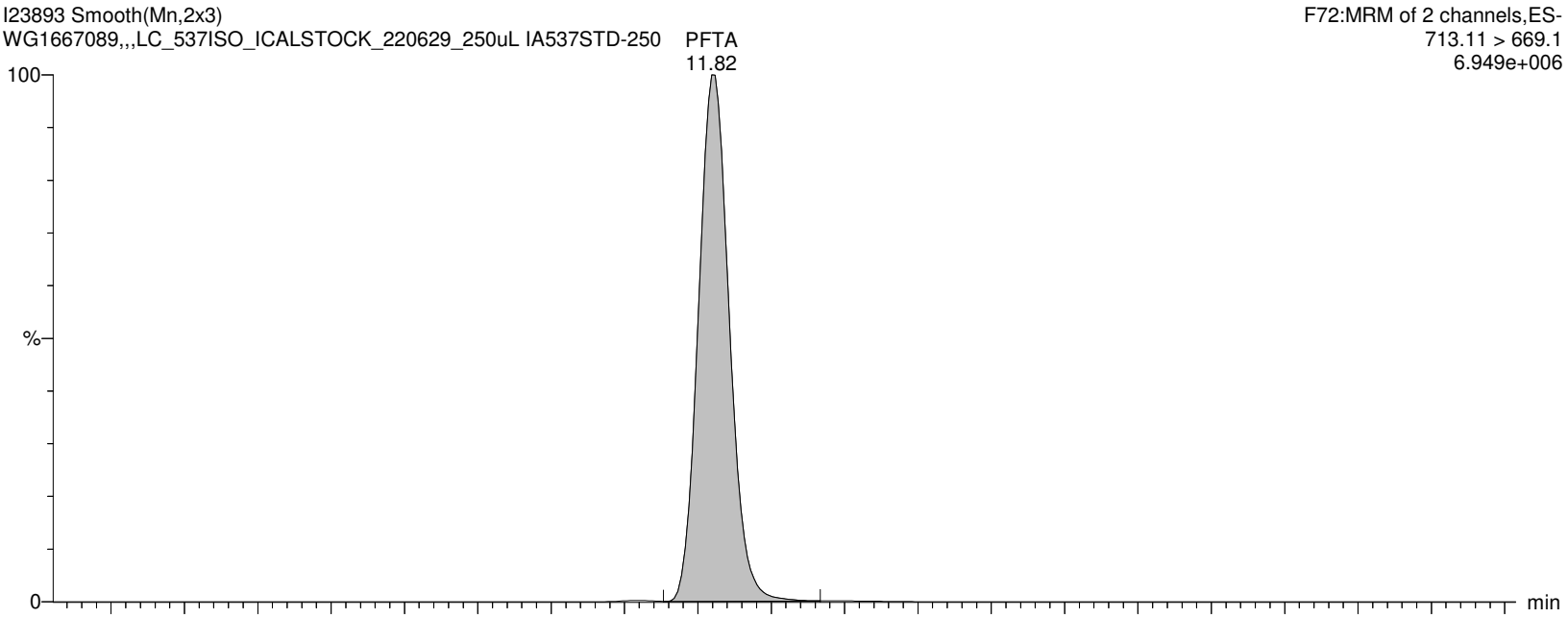


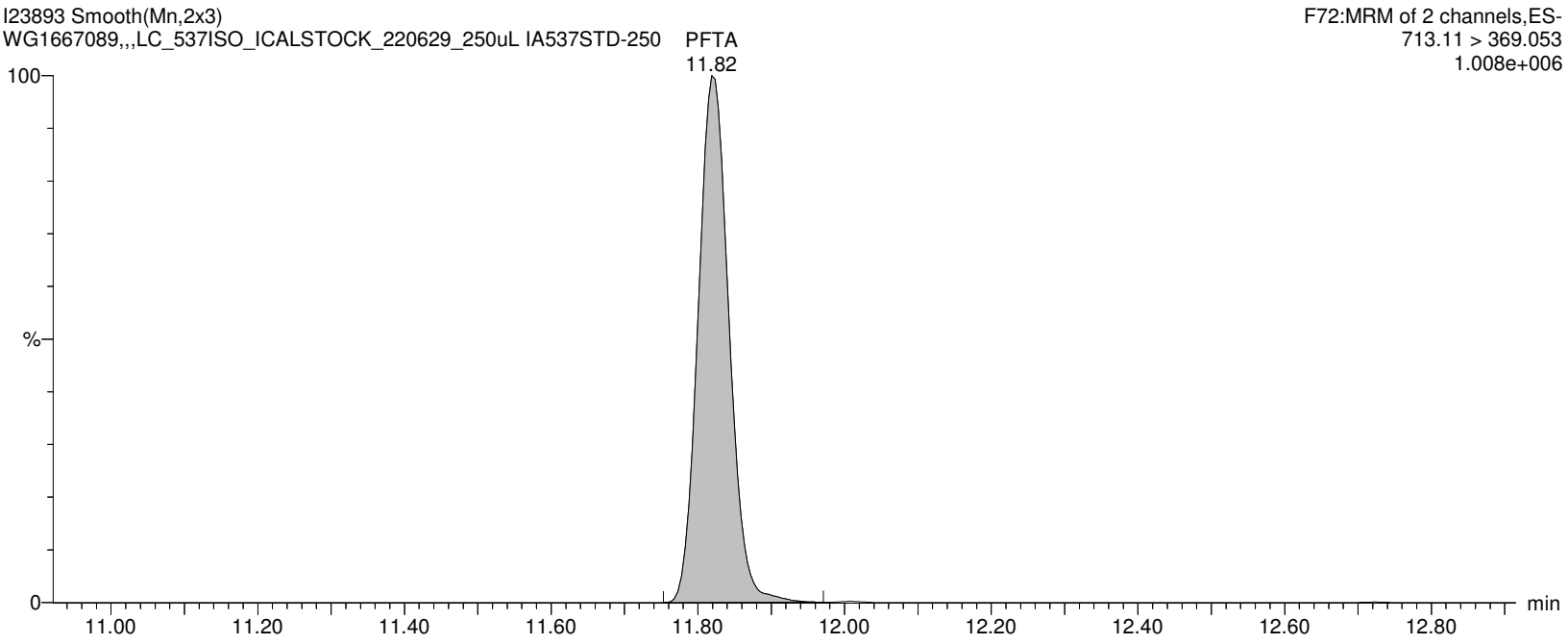
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFTA



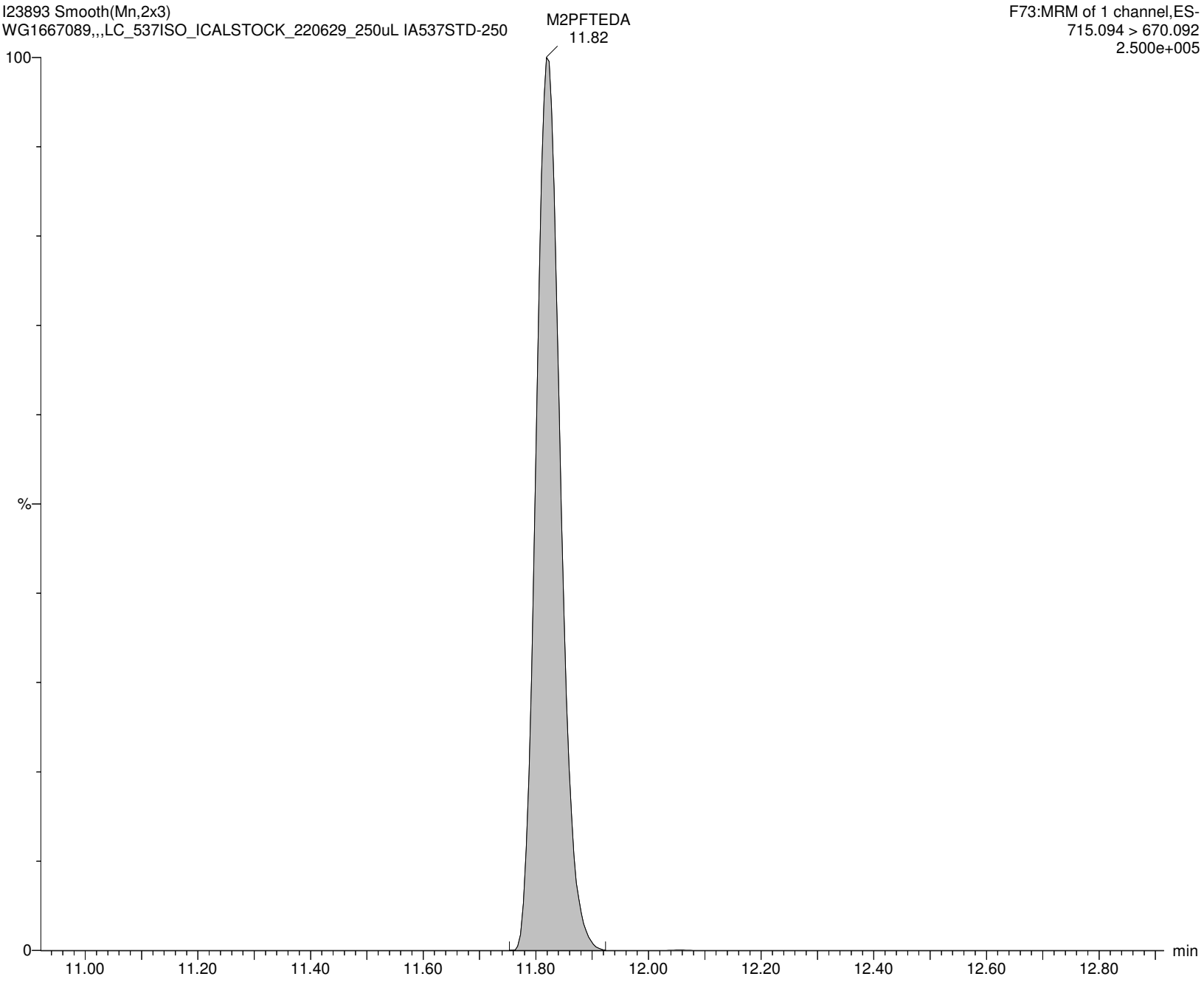


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2PFTEDA

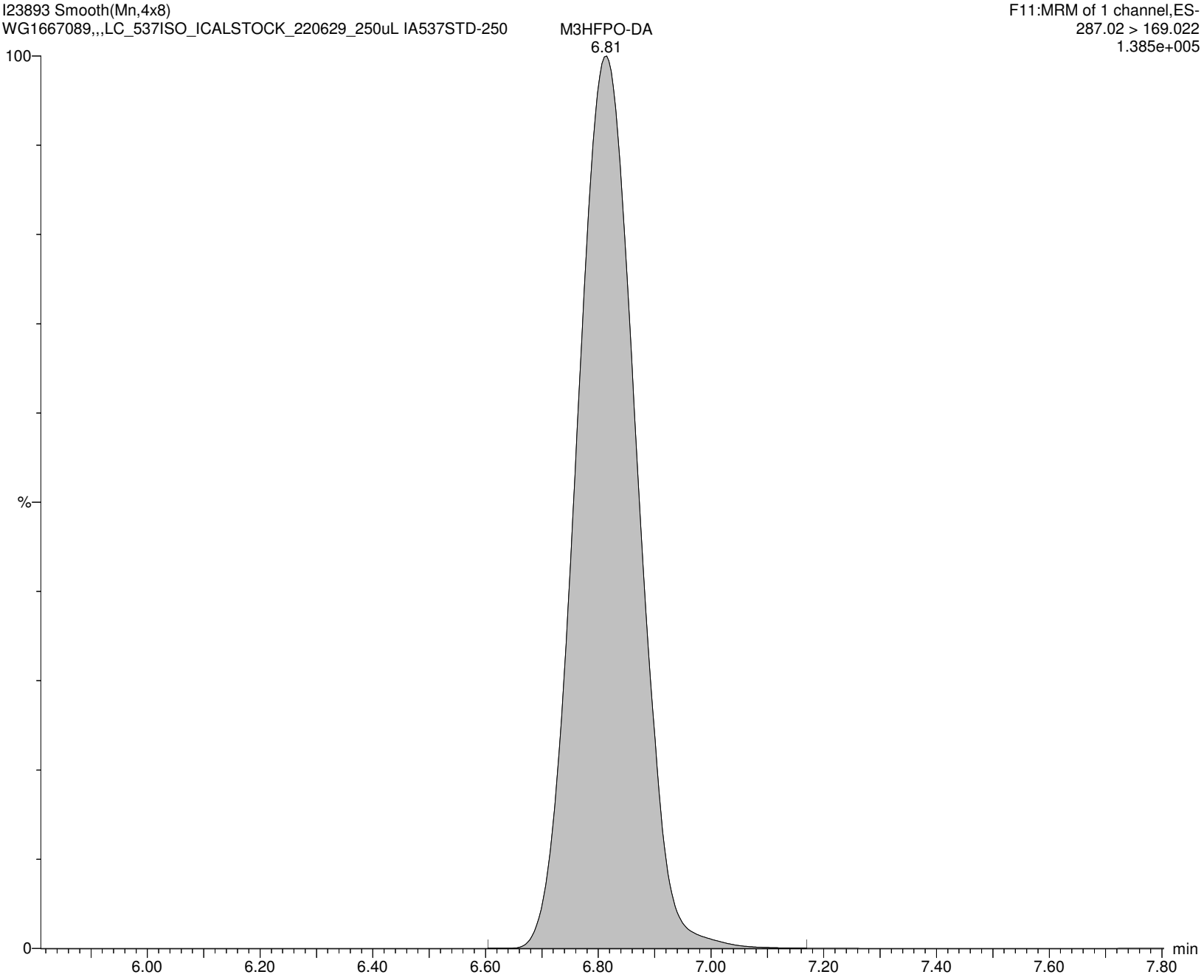


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M3HFPO-DA

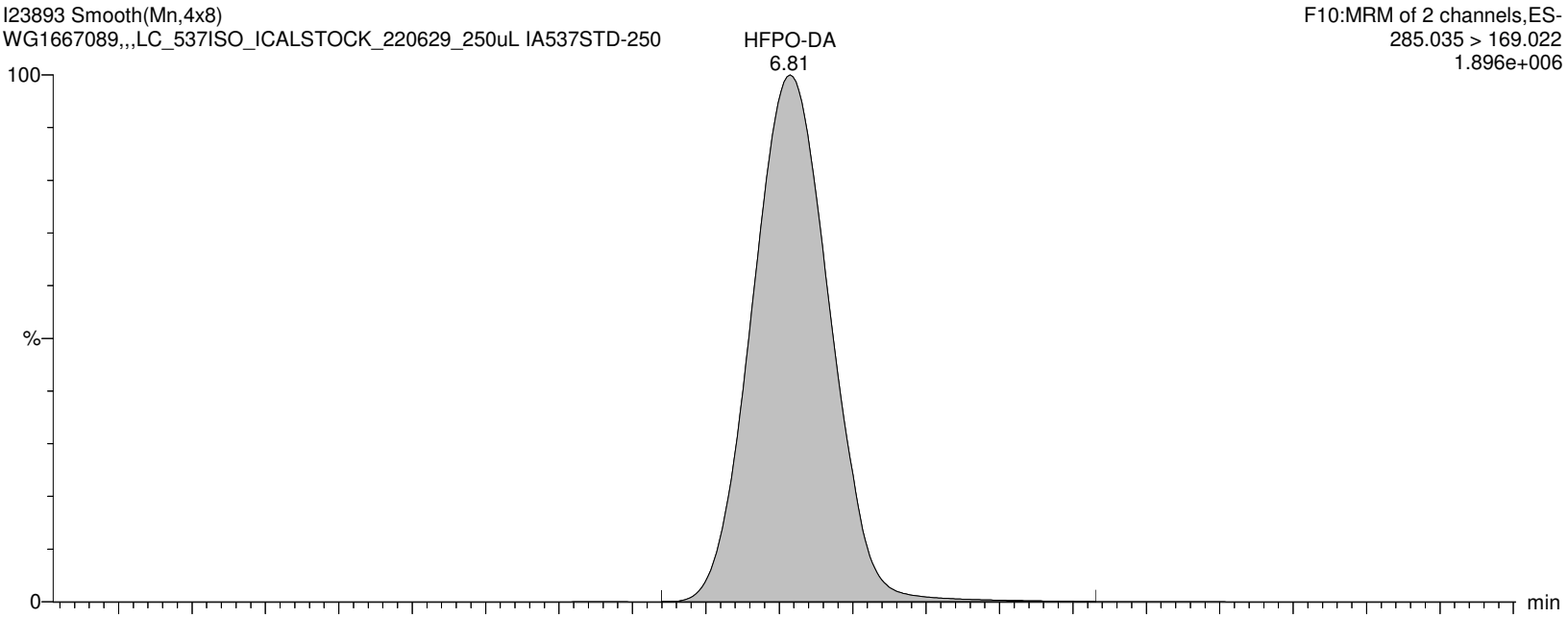


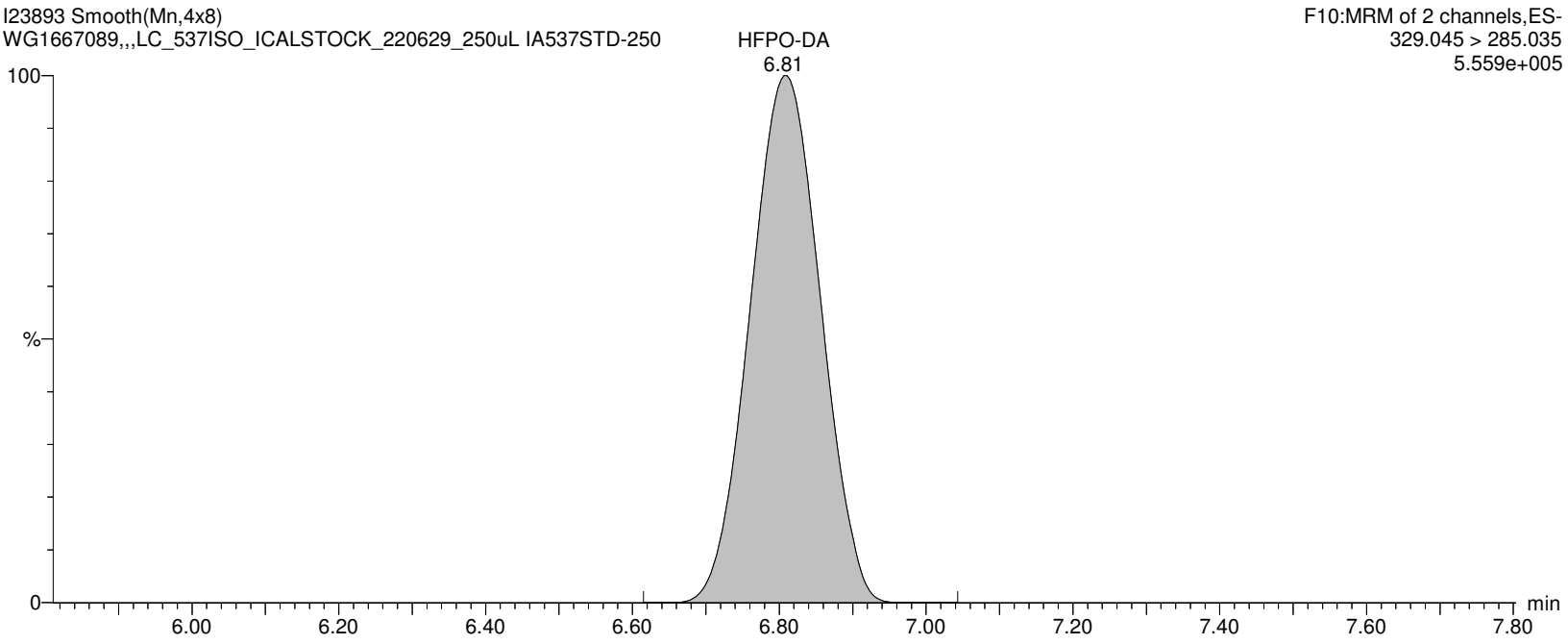
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

HFPO-DA



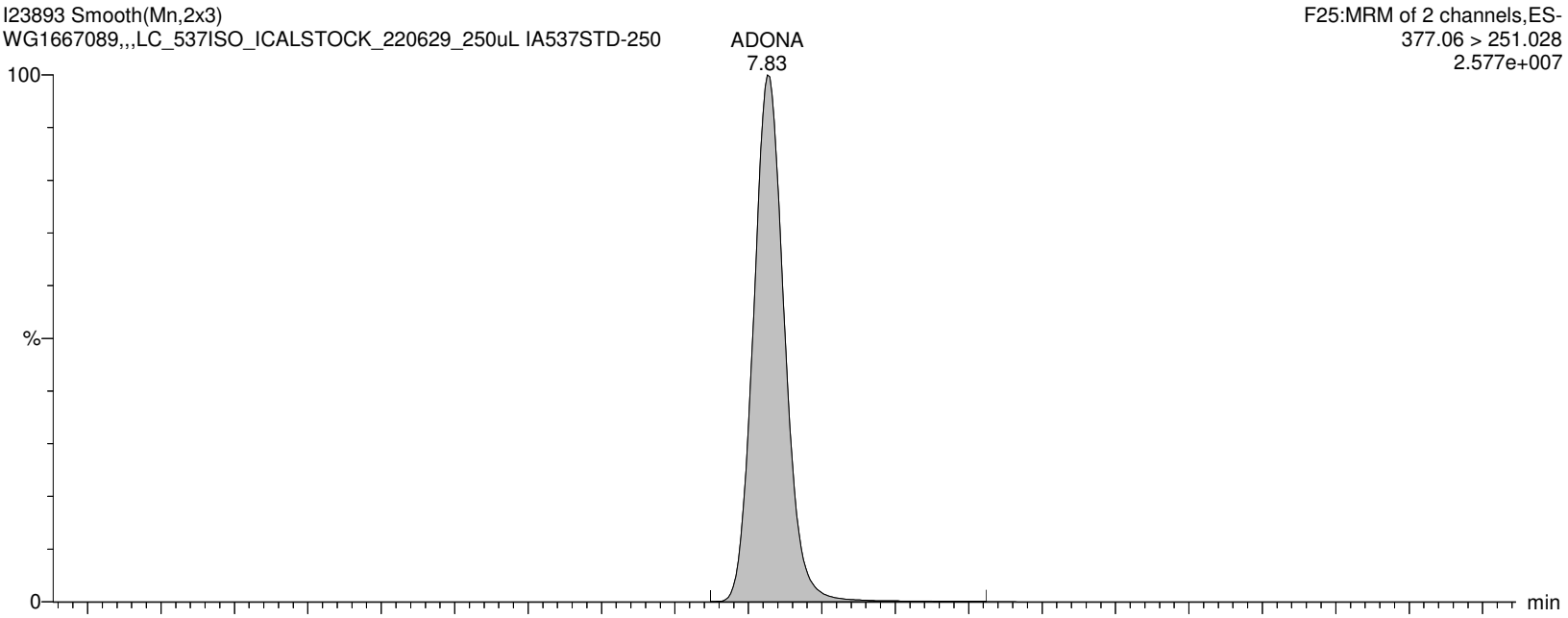


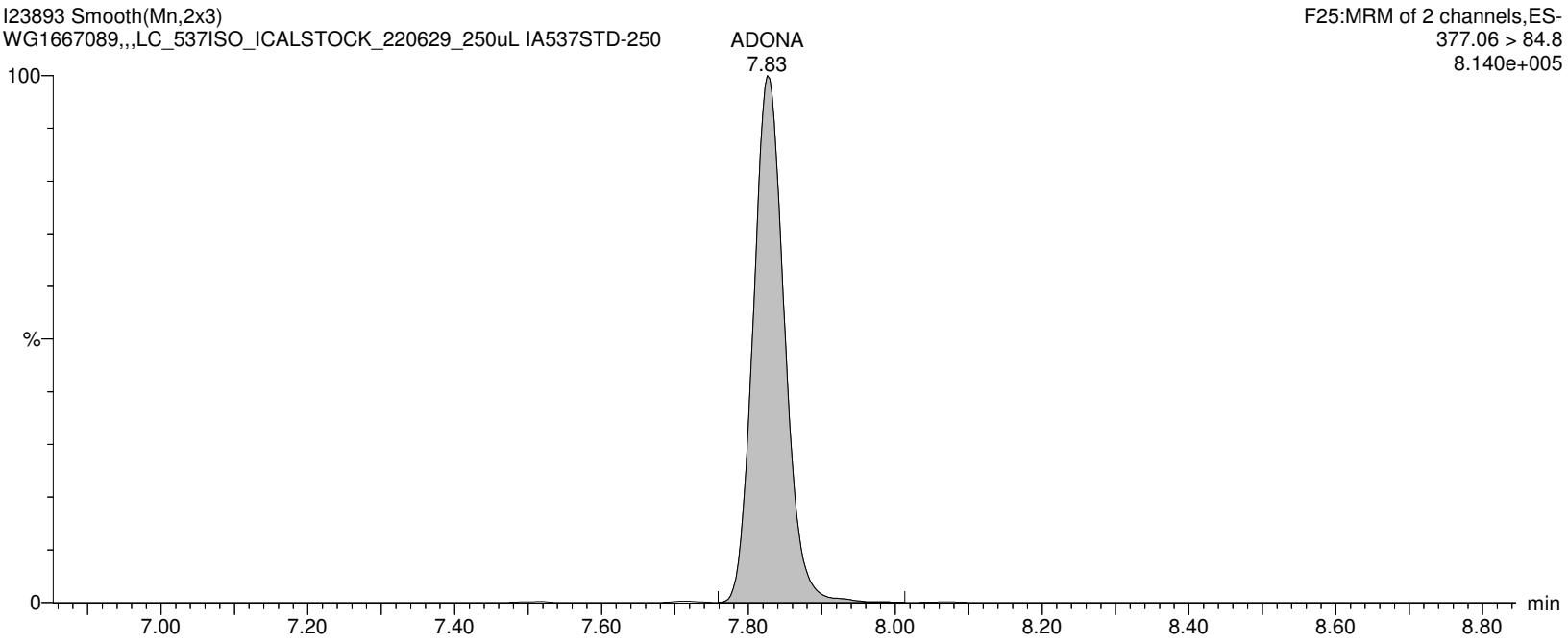
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

ADONA



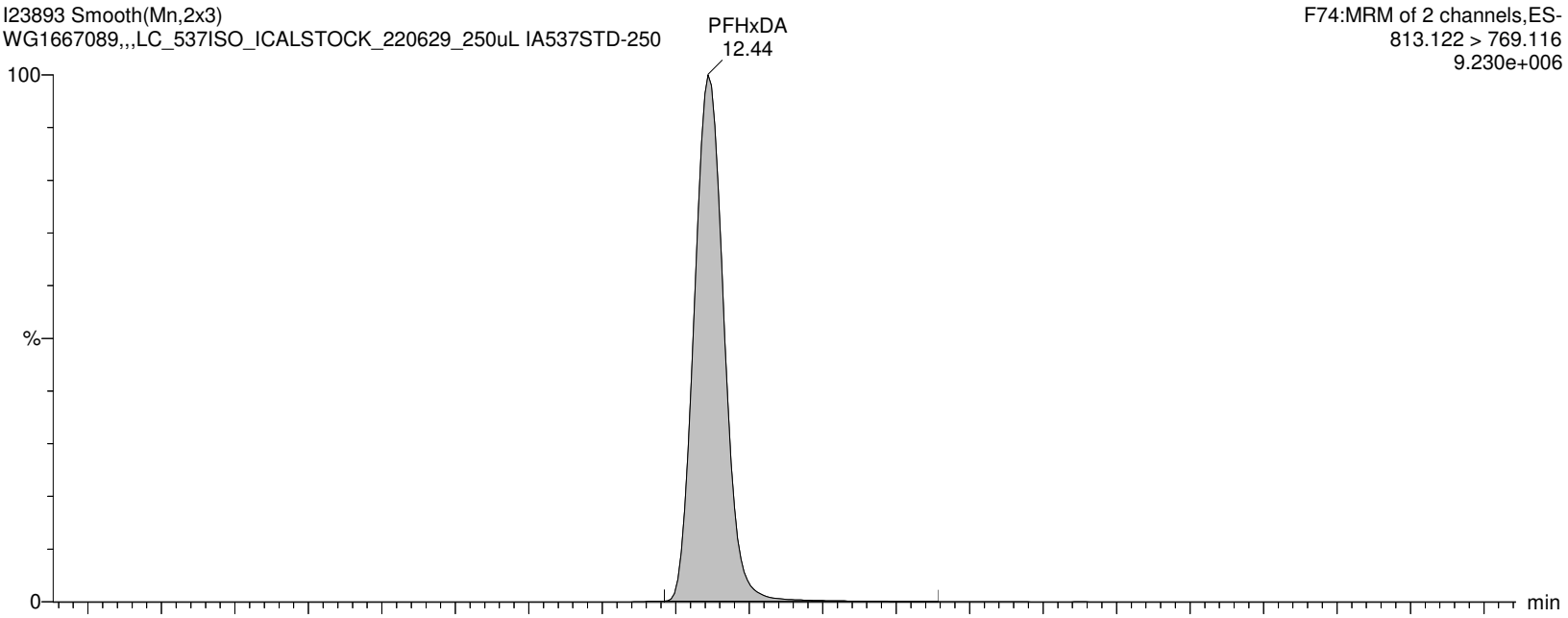


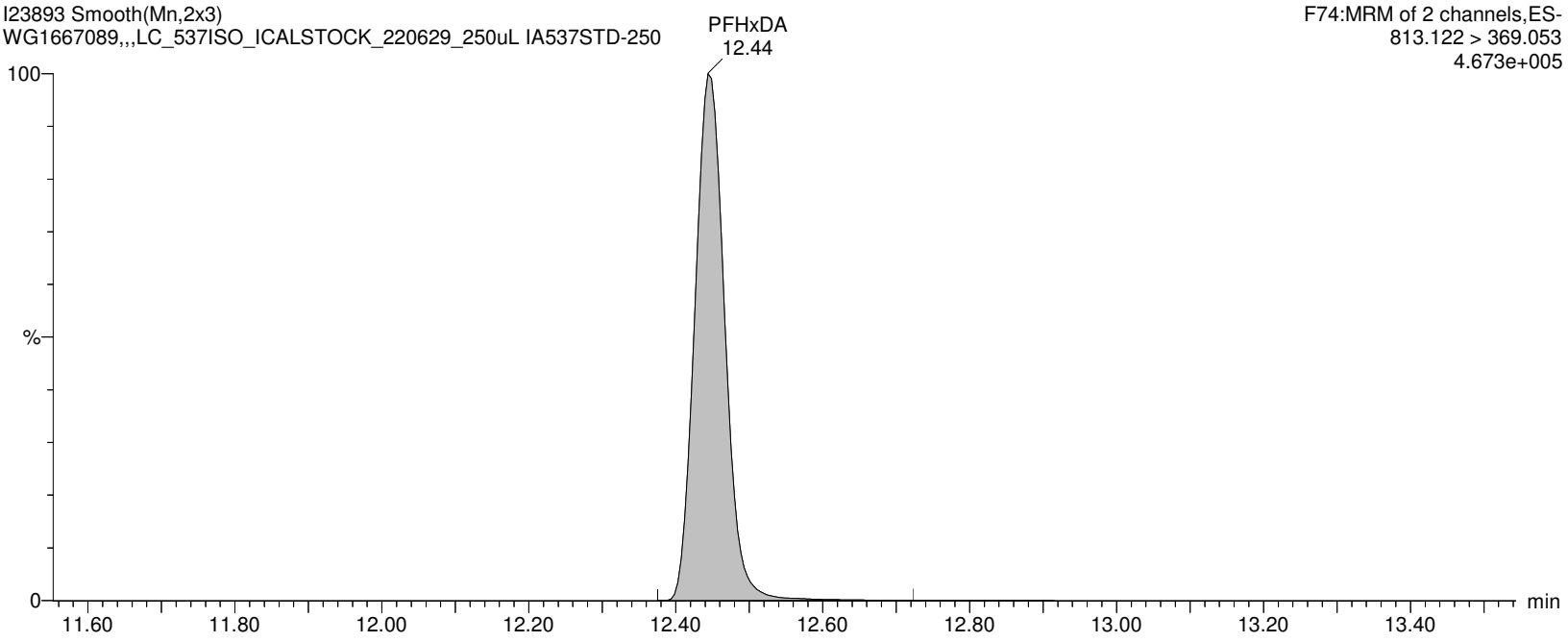
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFHxDA



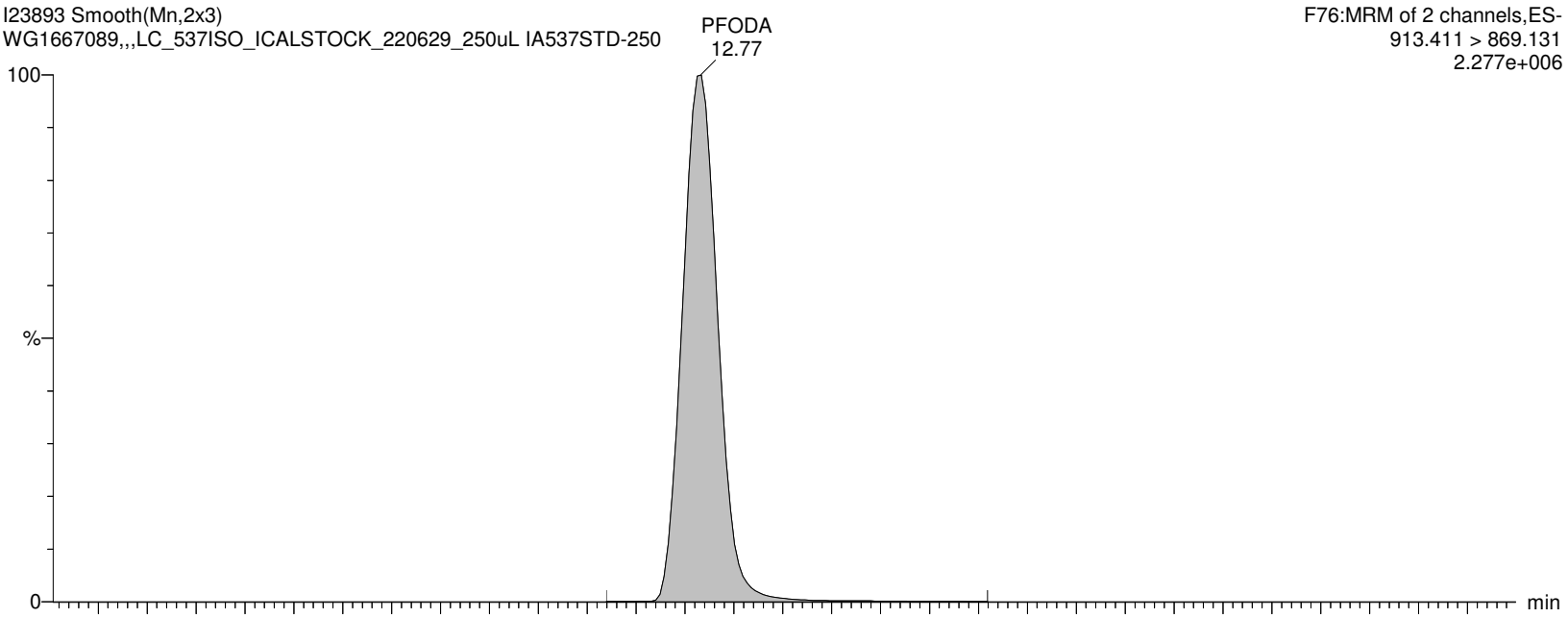


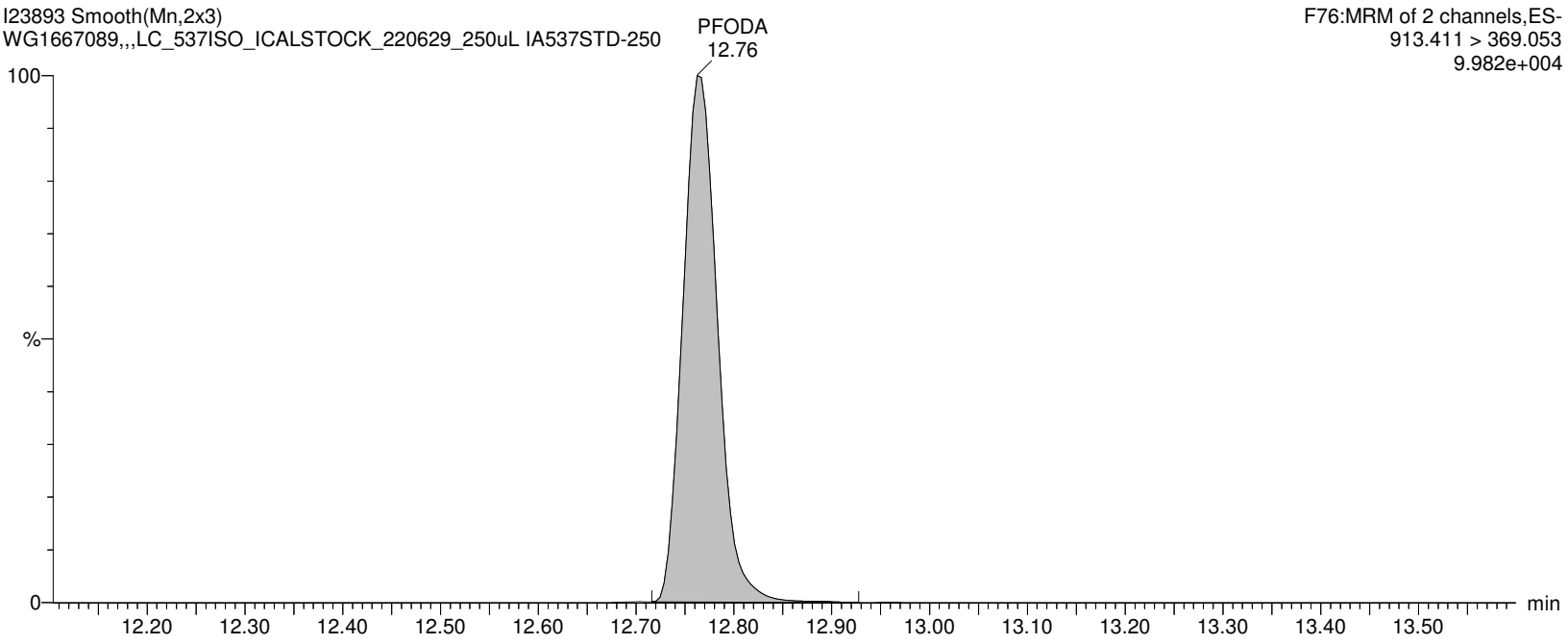
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFODA



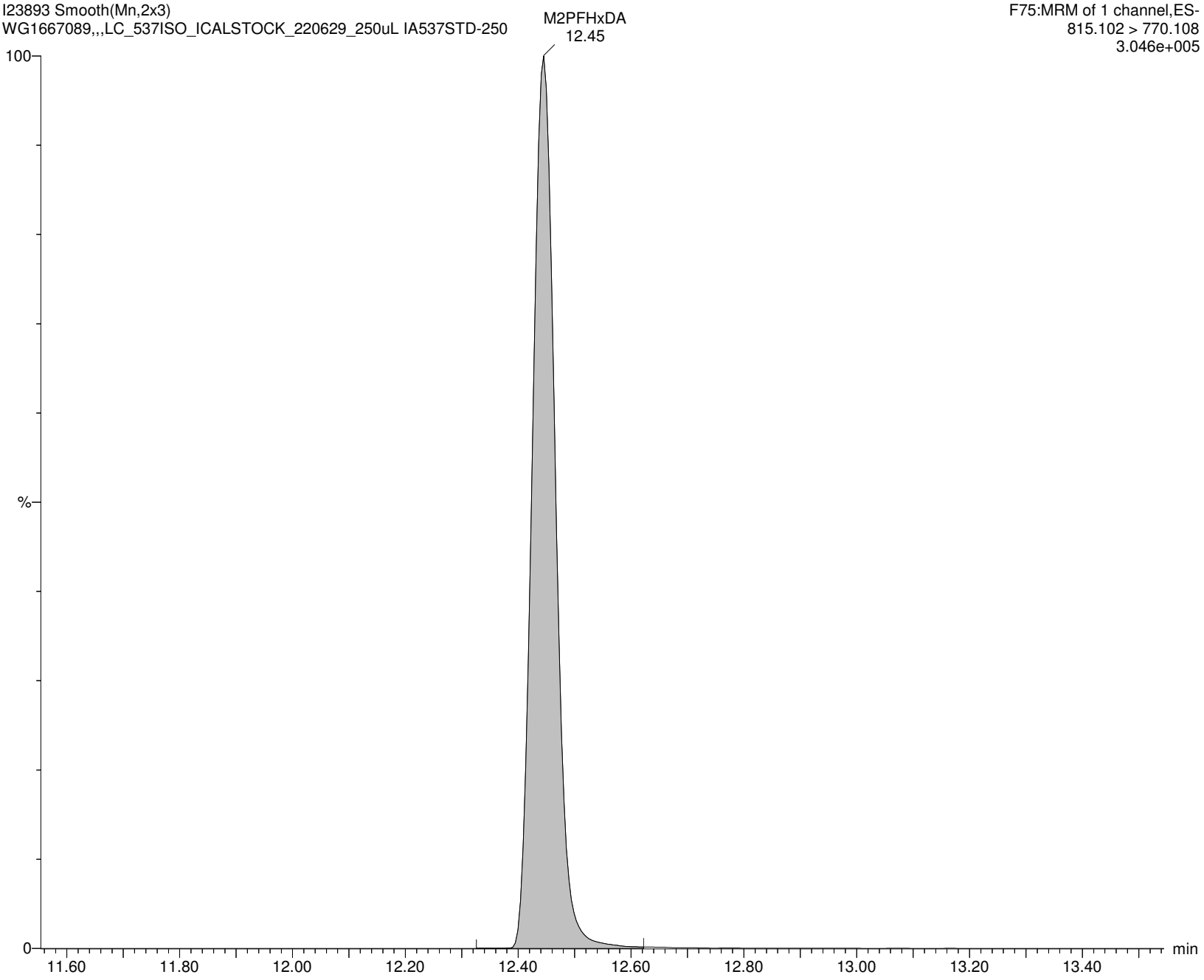


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2PFHxDA

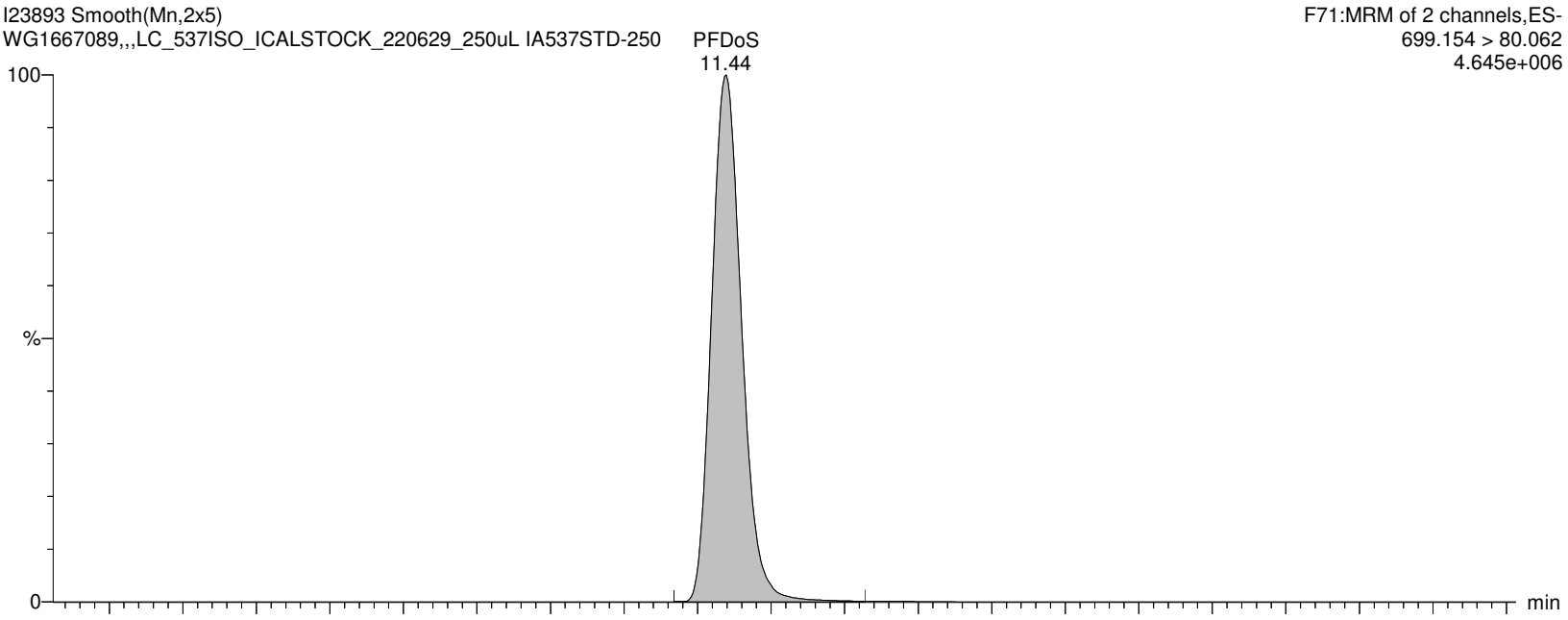


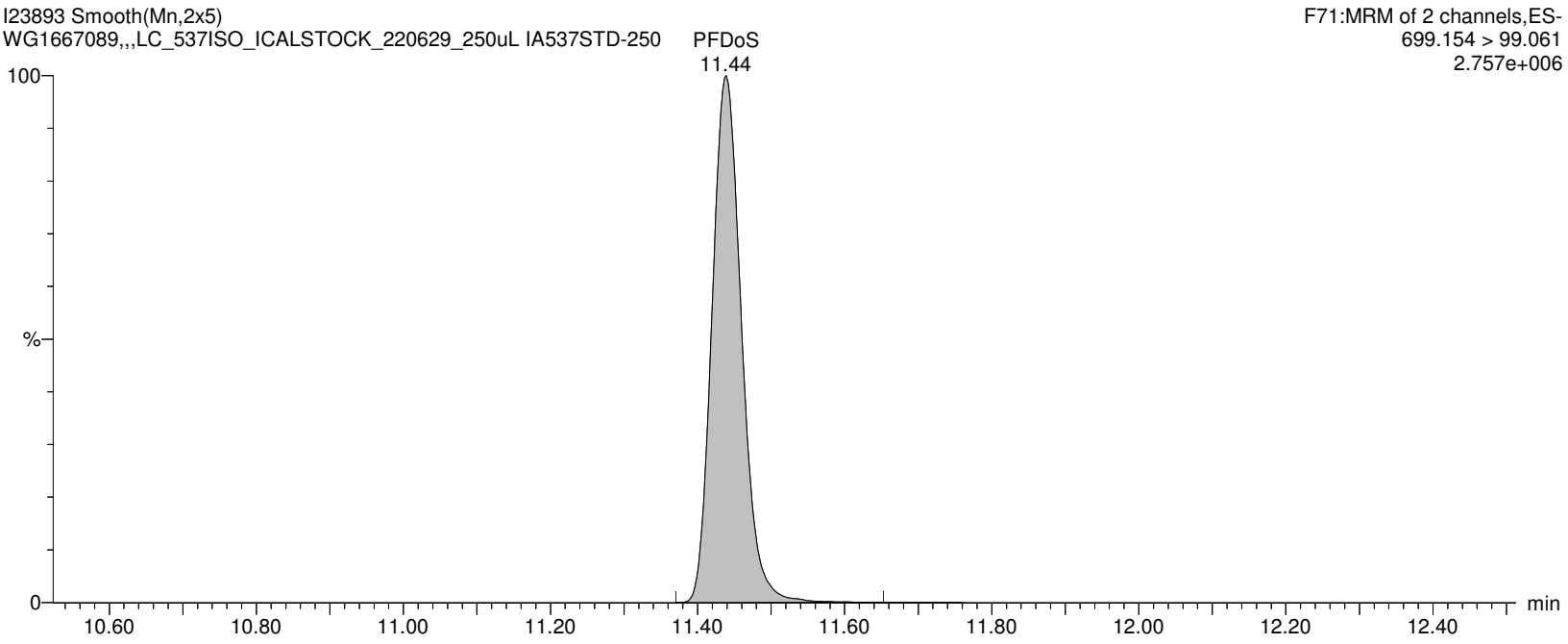
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFDoS



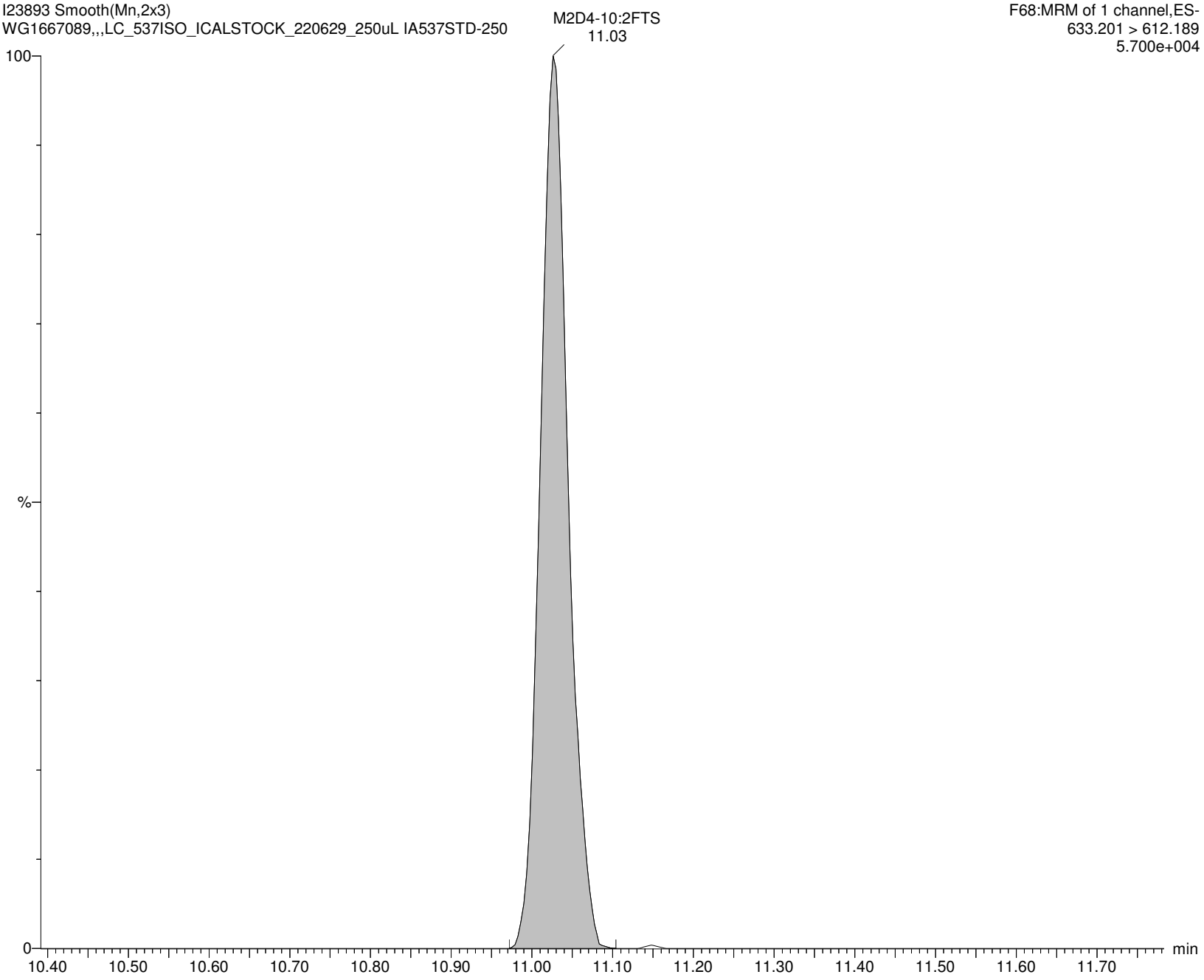


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2D4-10:2FTS

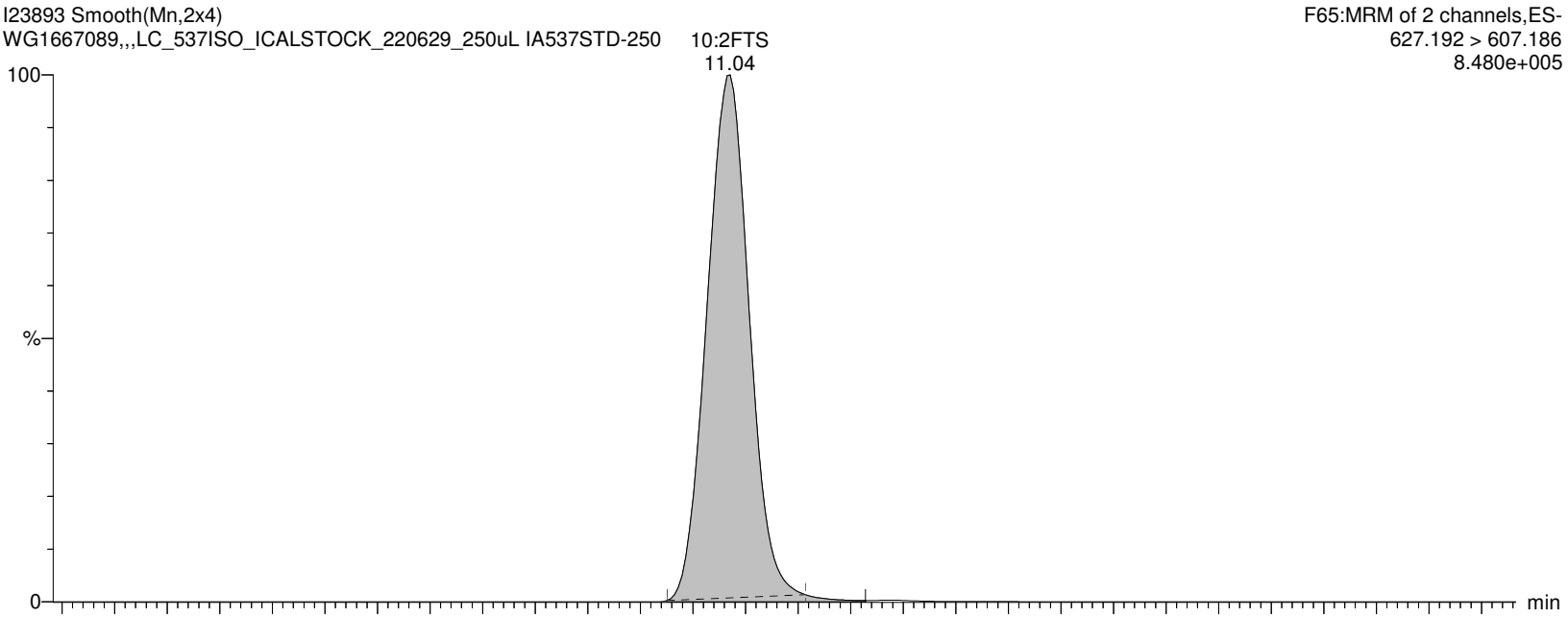


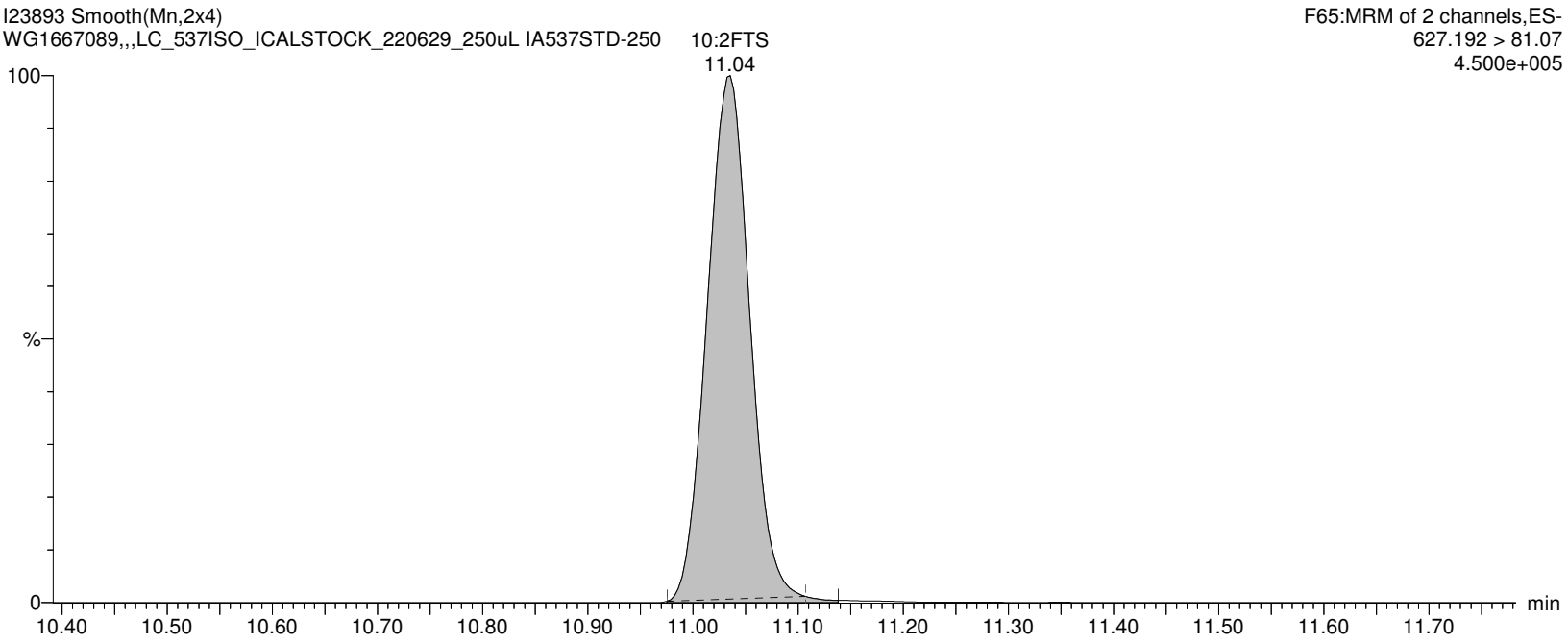
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

10:2FTS



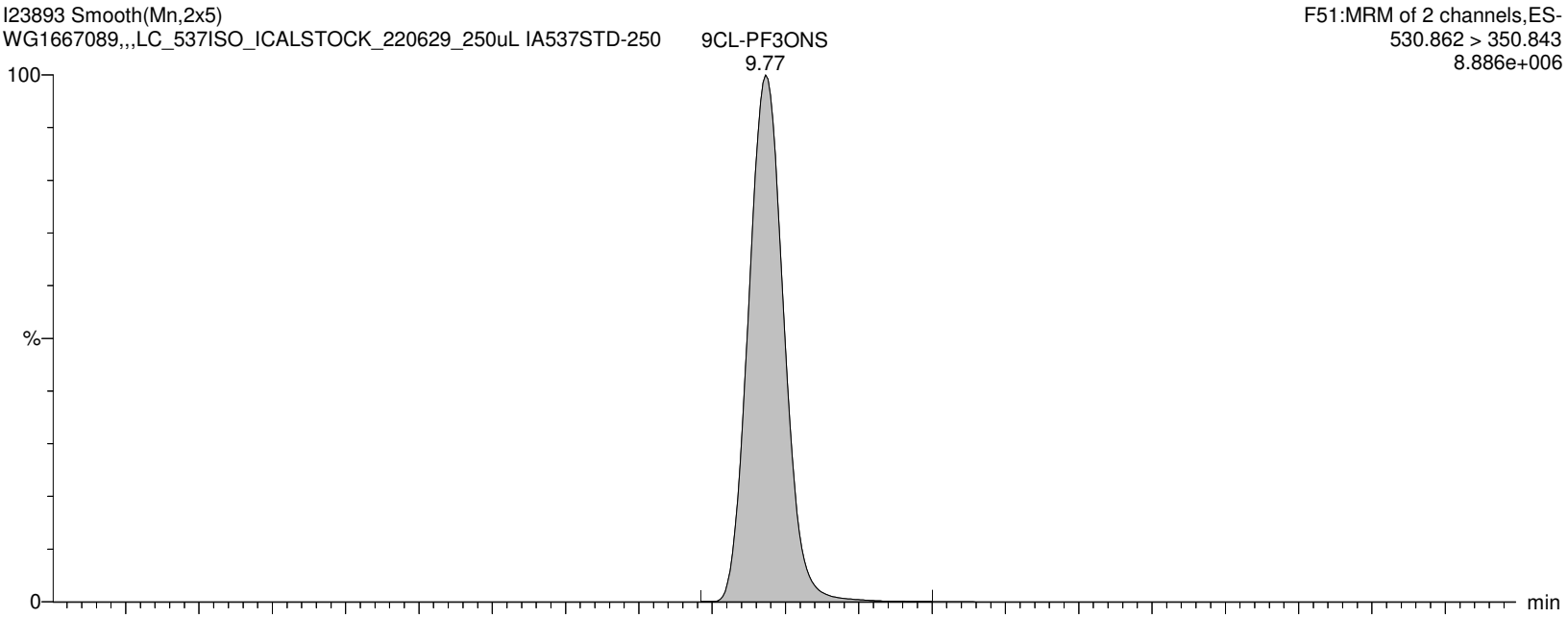


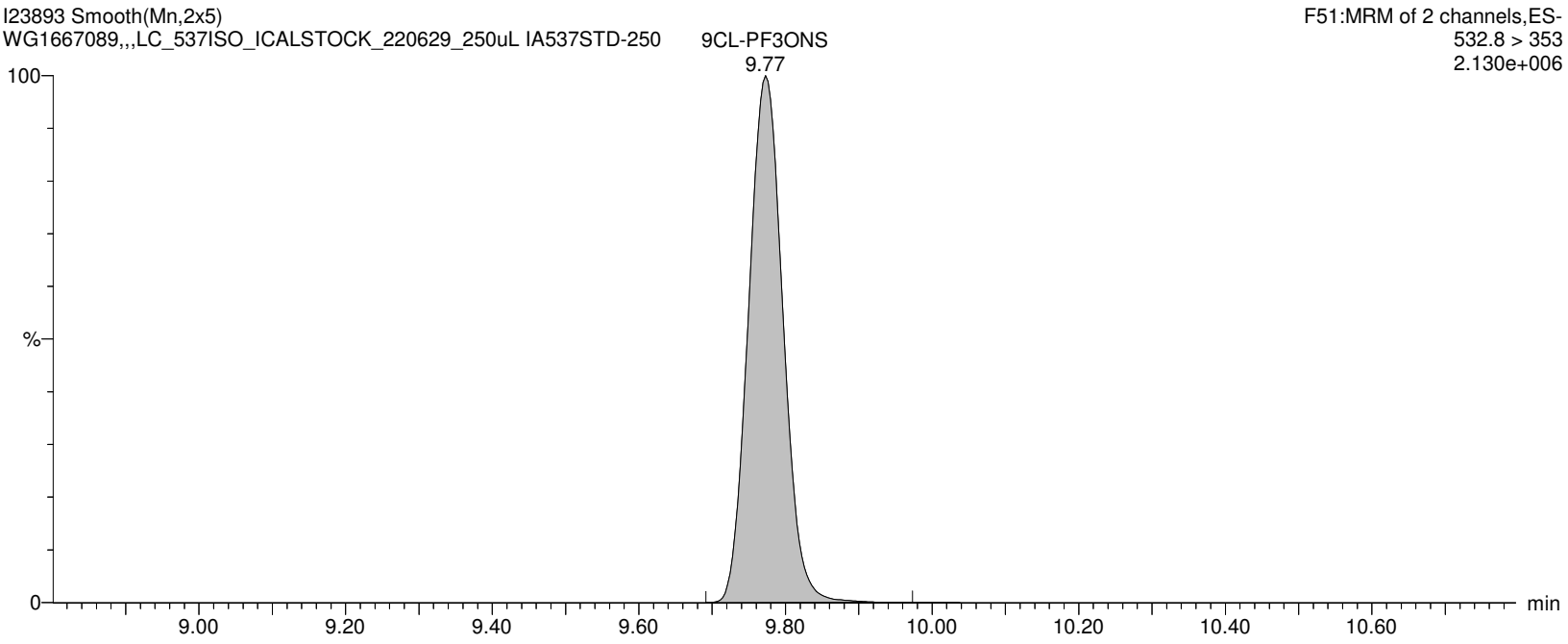
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

9CL-PF3ONS



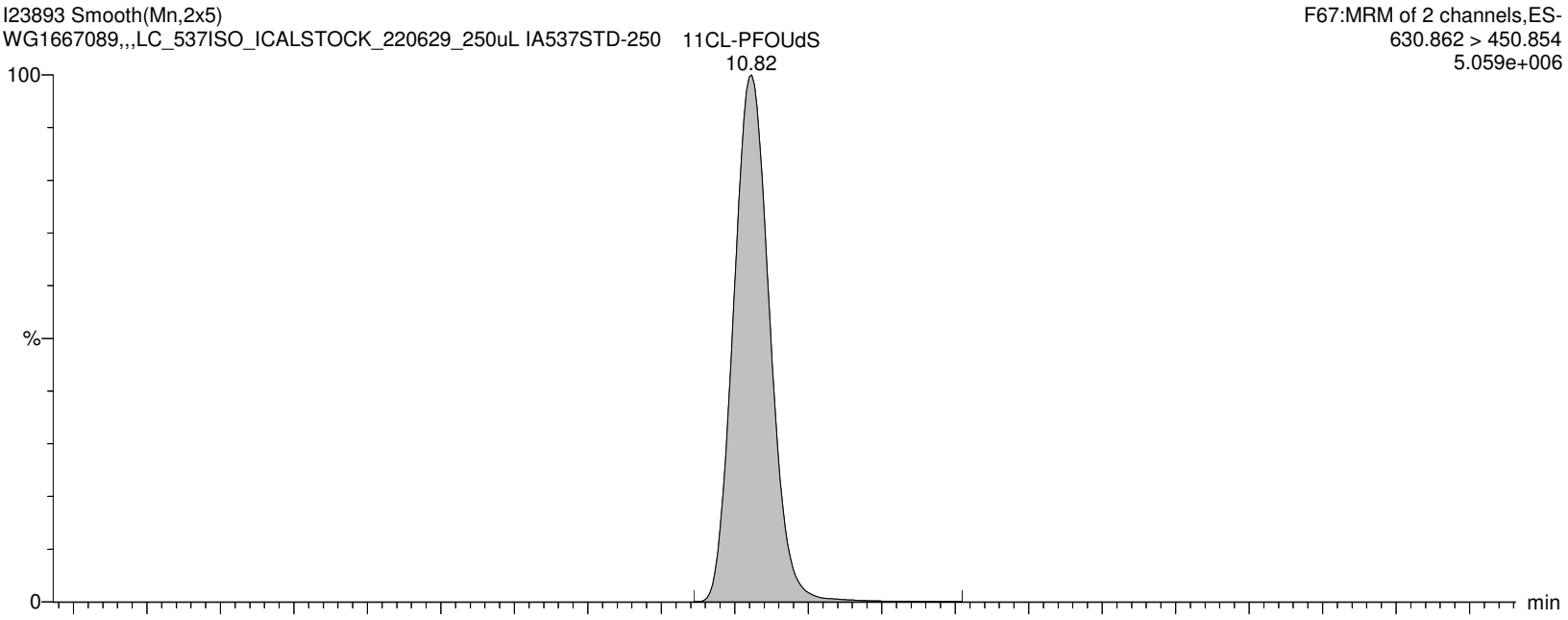


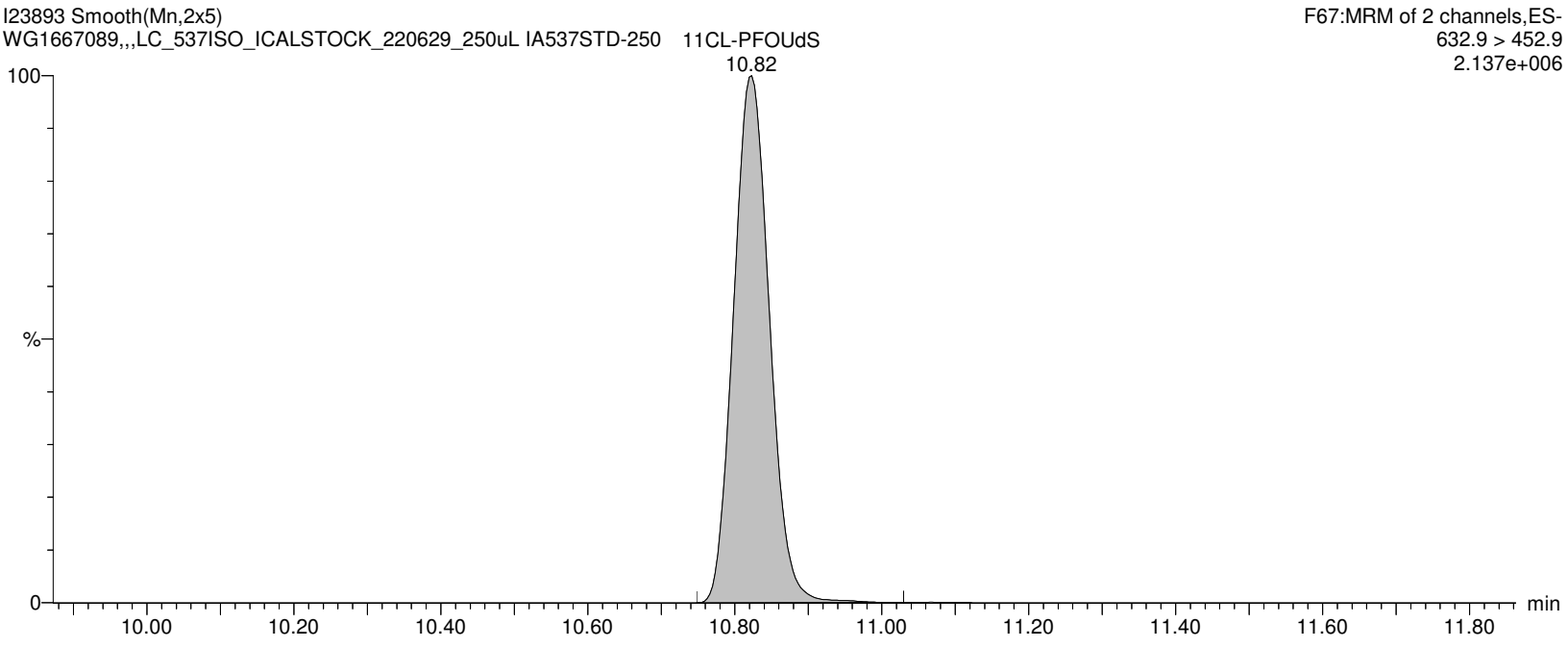
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

11CL-PFOUdS



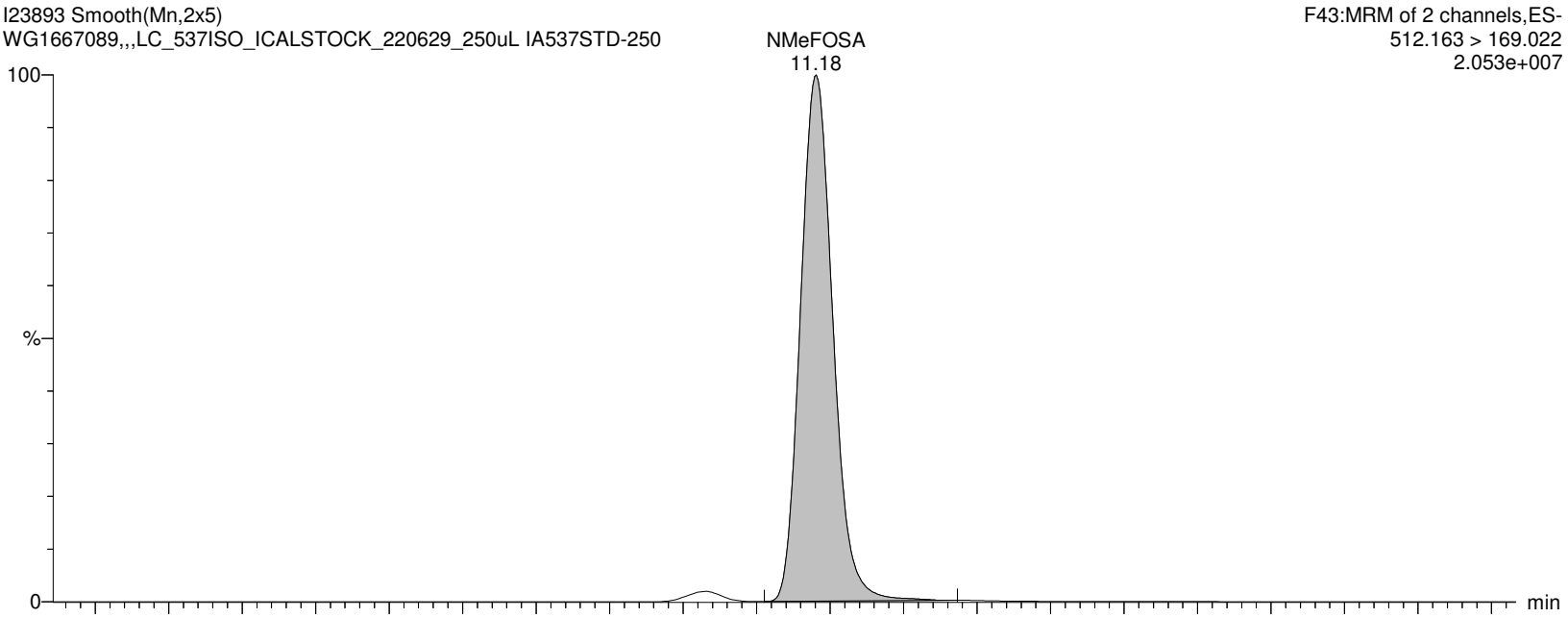


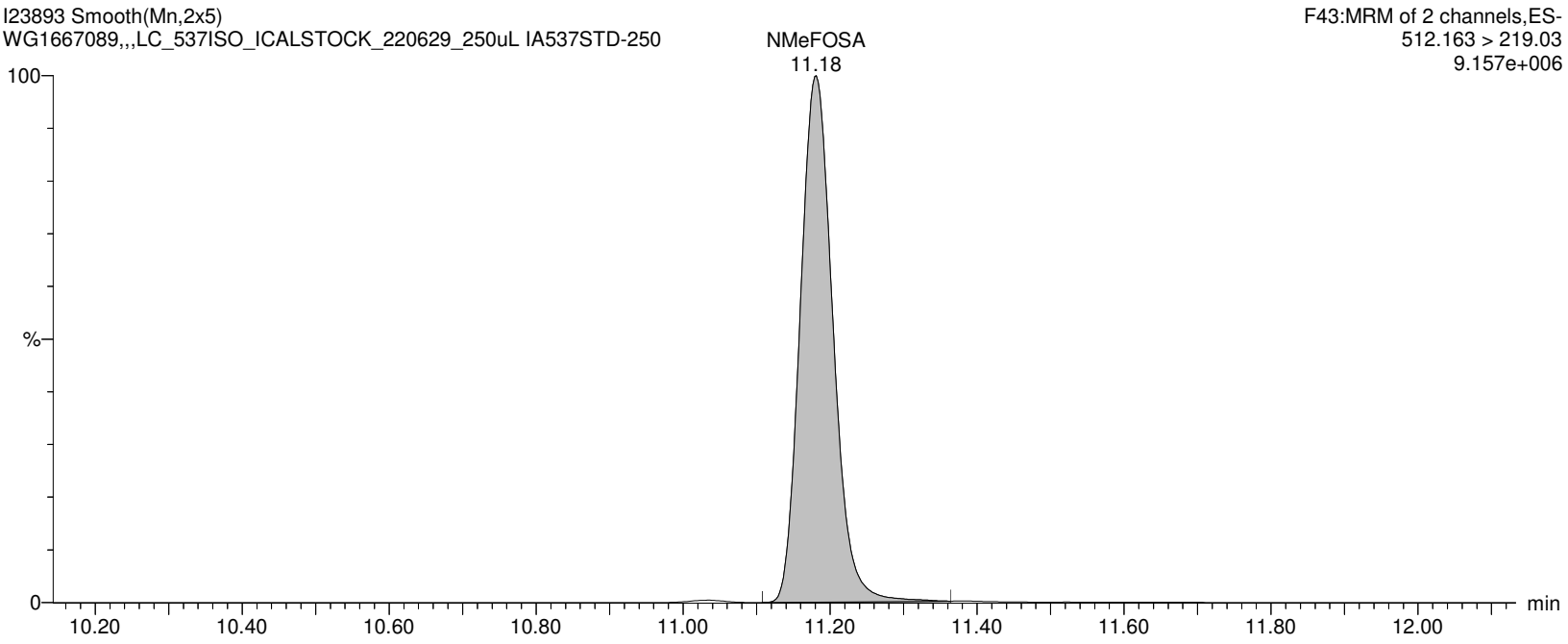
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NMeFOSA



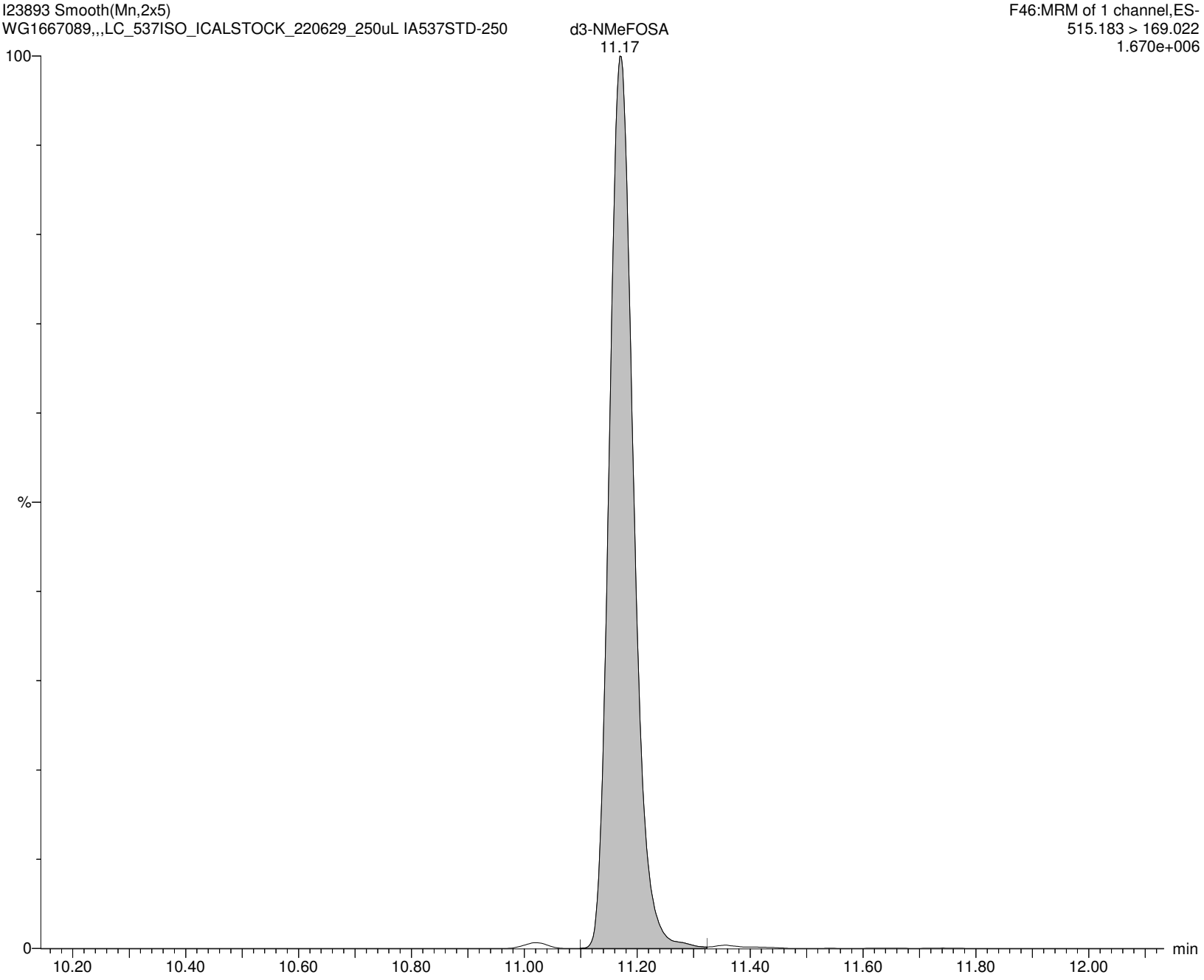


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

d3-NMeFOSA

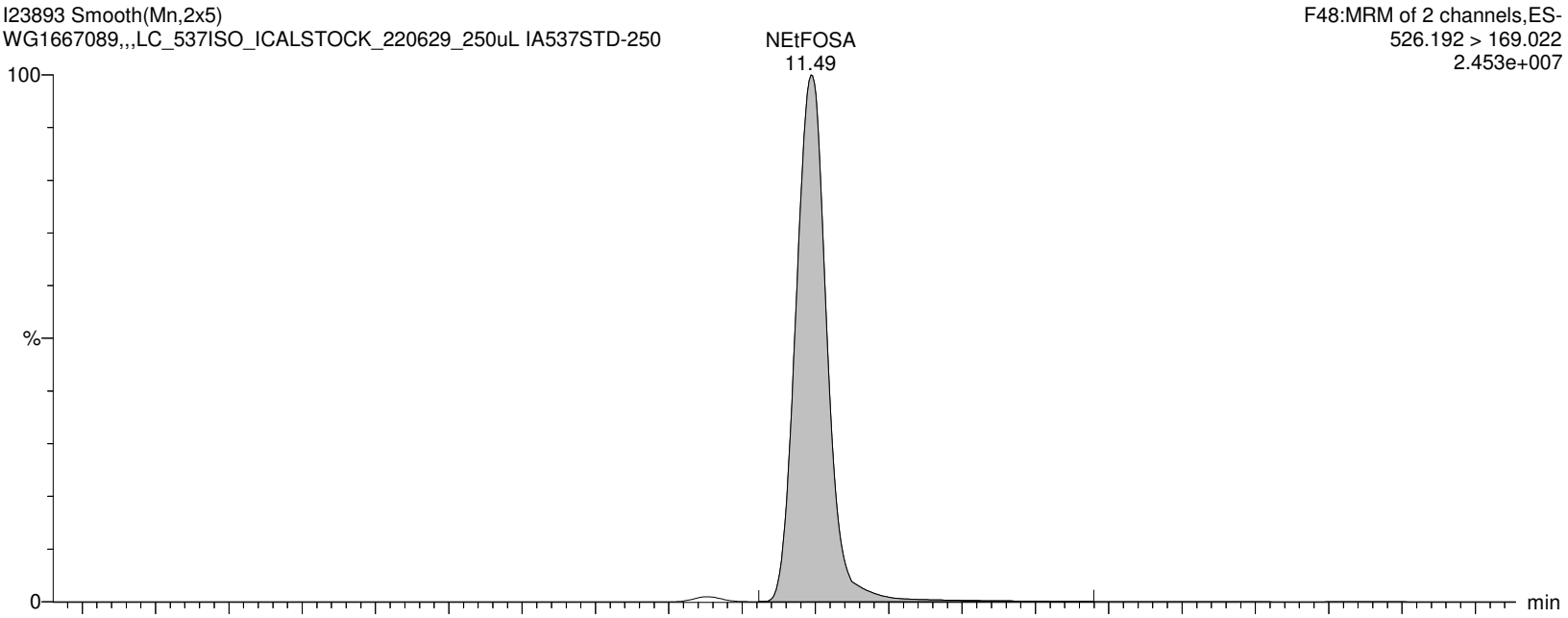


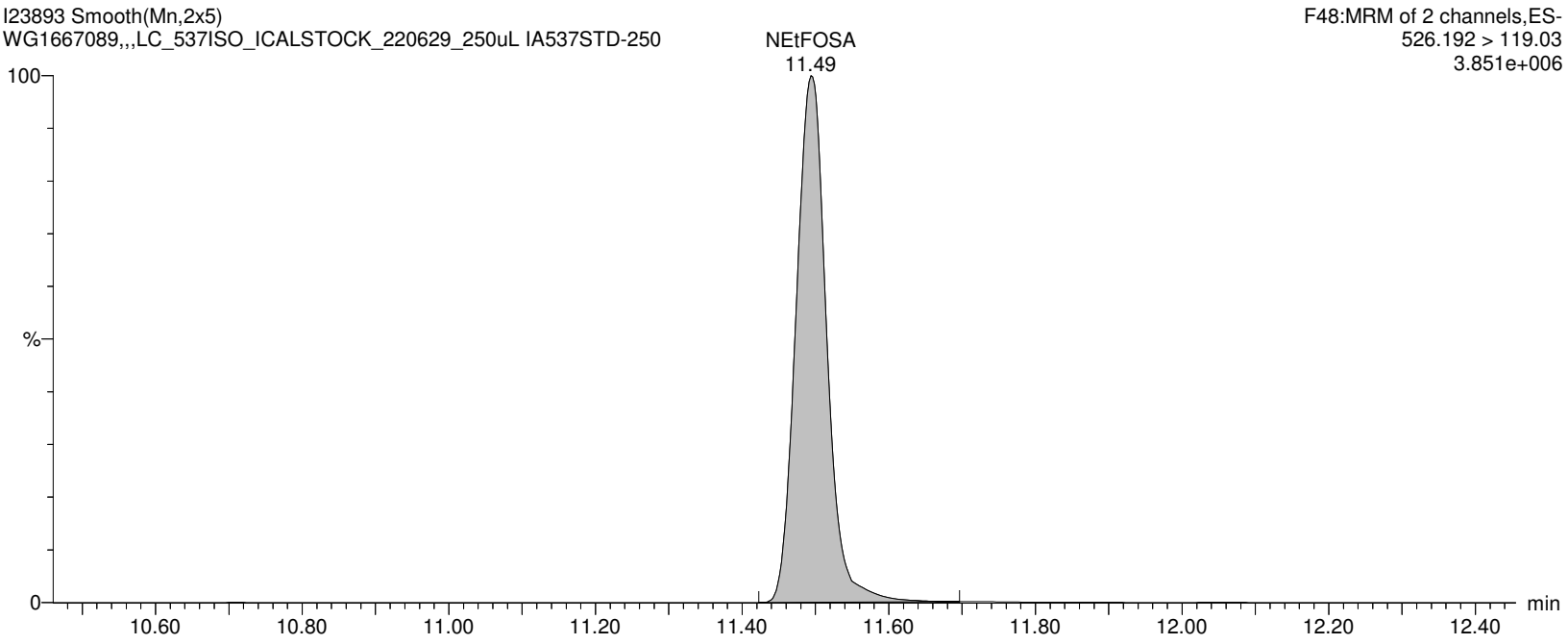
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NEtFOSA



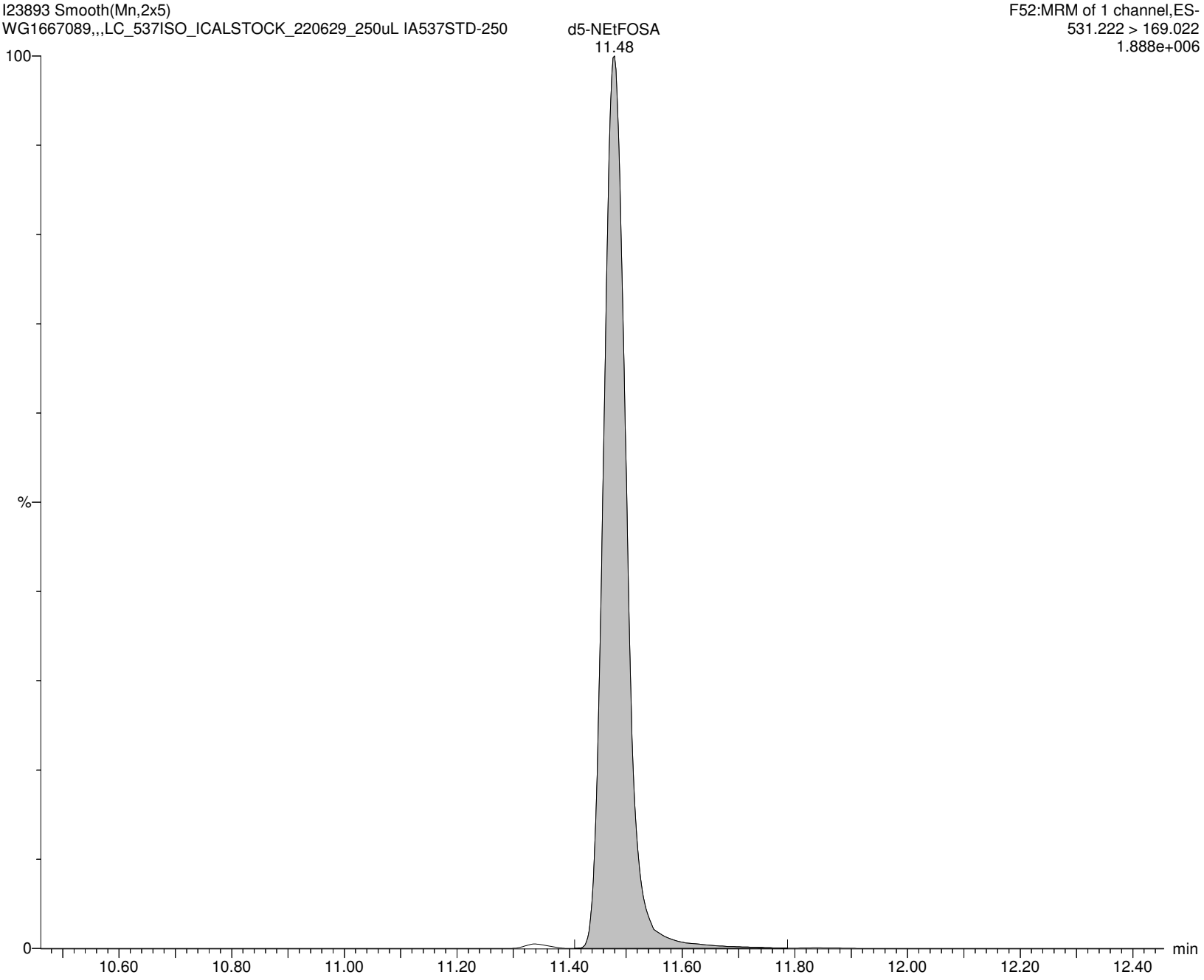


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

d5-NEtFOSA

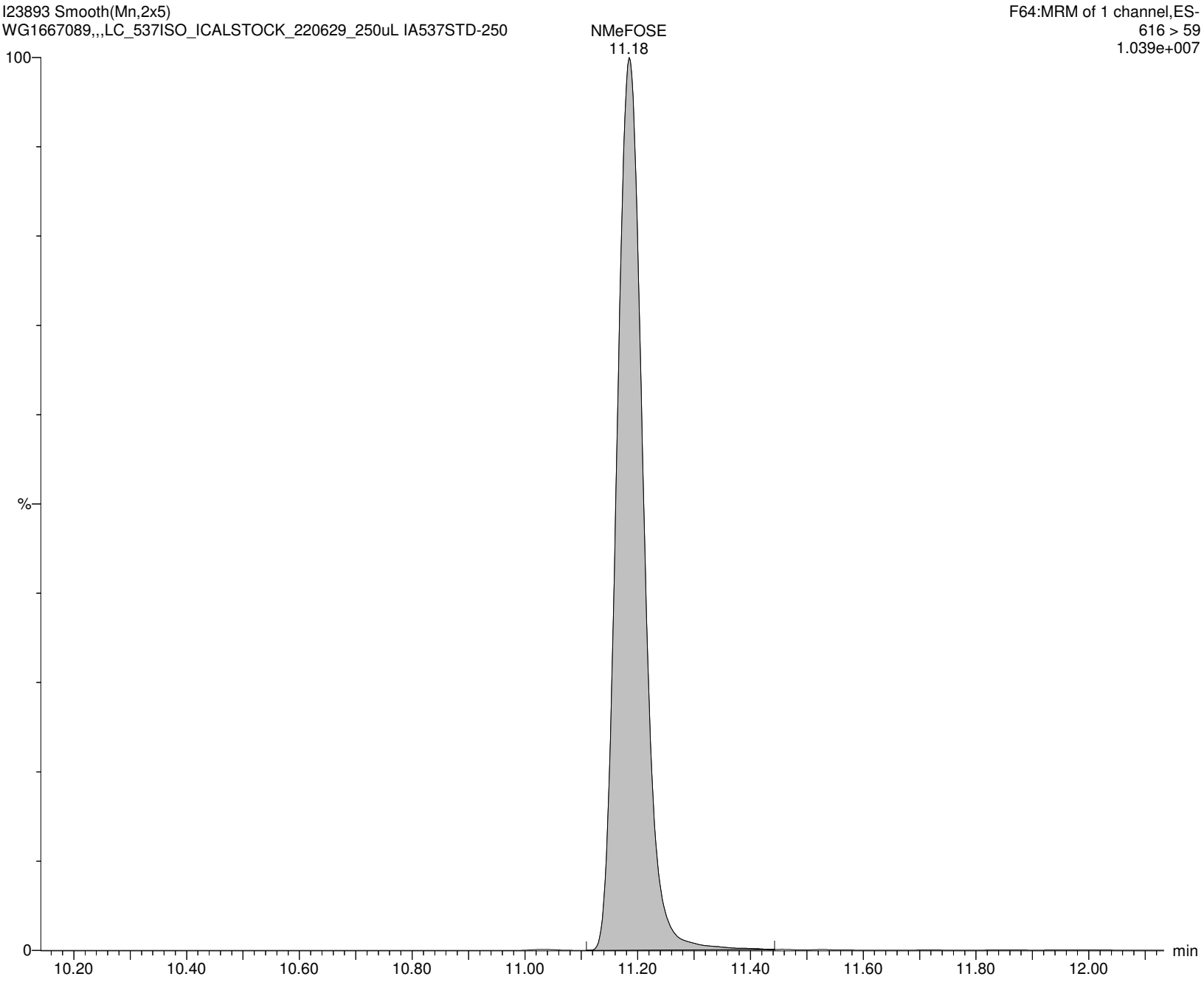


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NMeFOSE

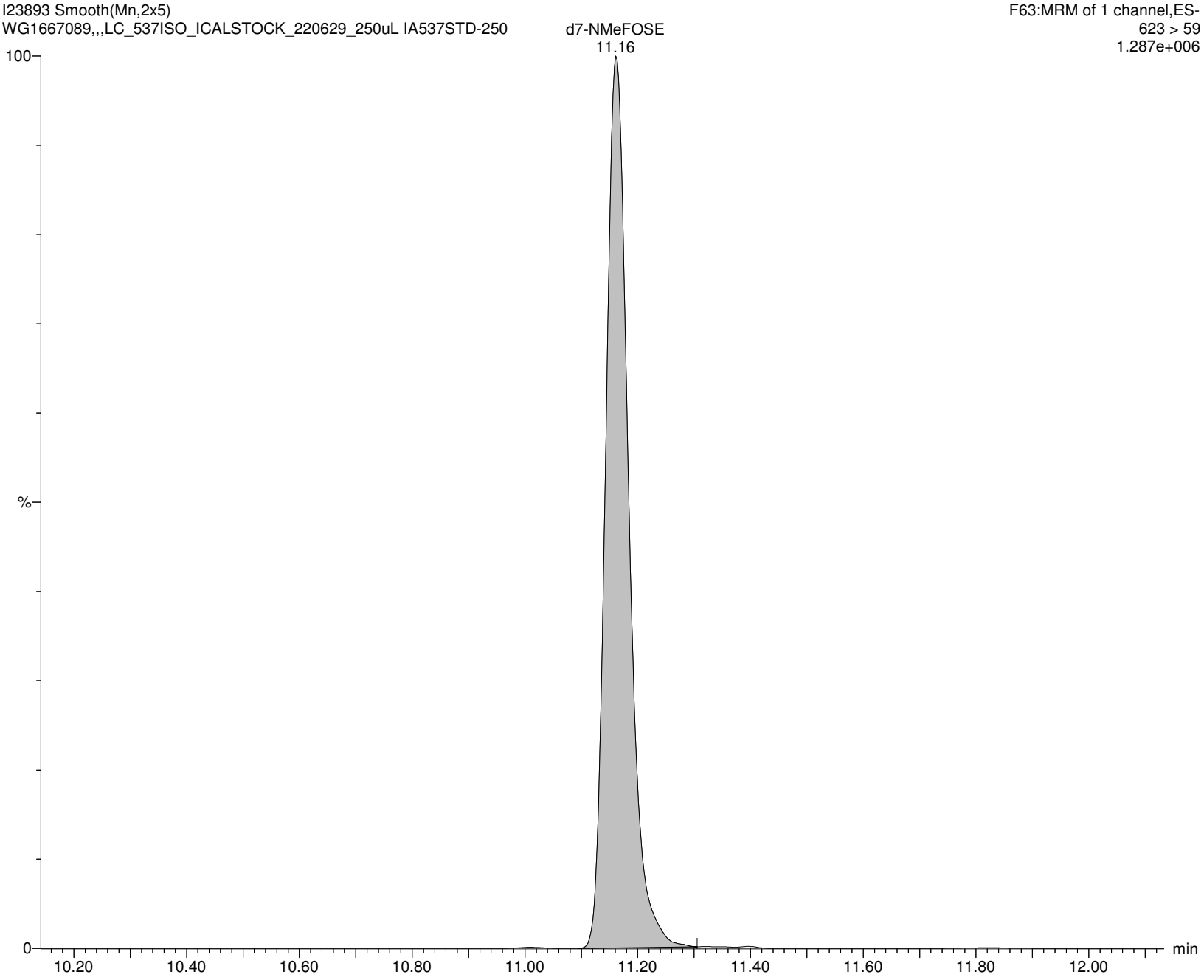


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

d7-NMeFOSE

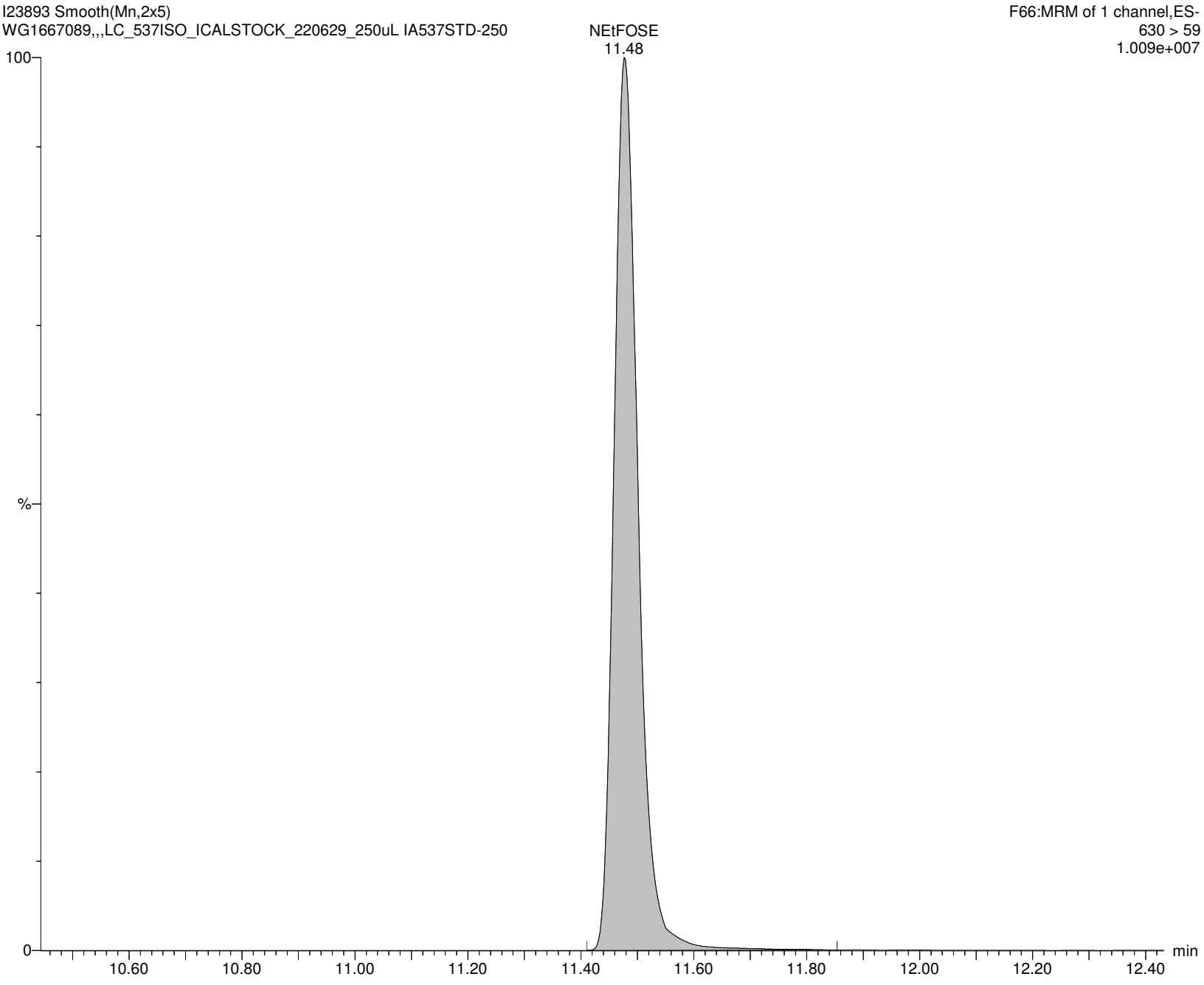


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NEtFOSE

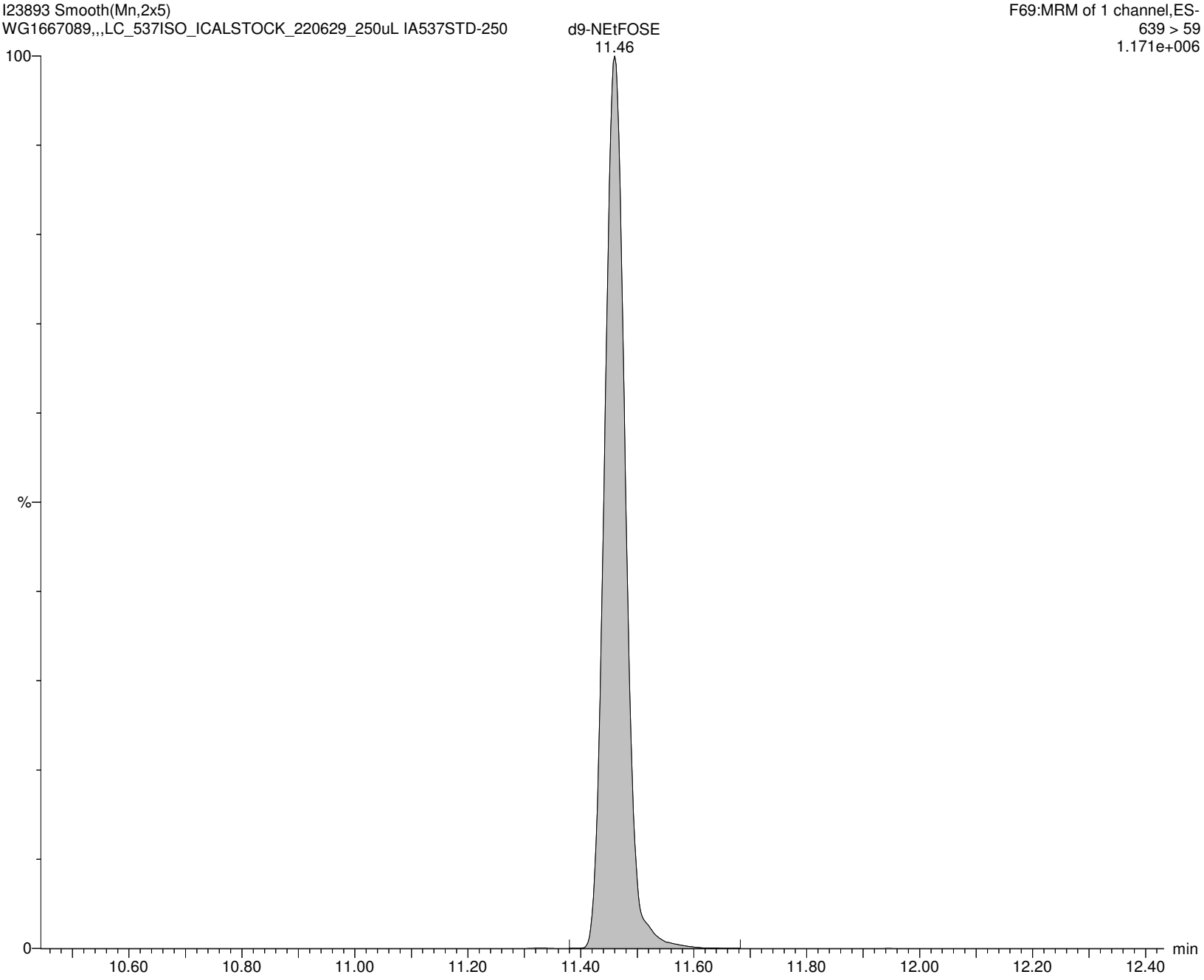


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

d9-NEtFOSE

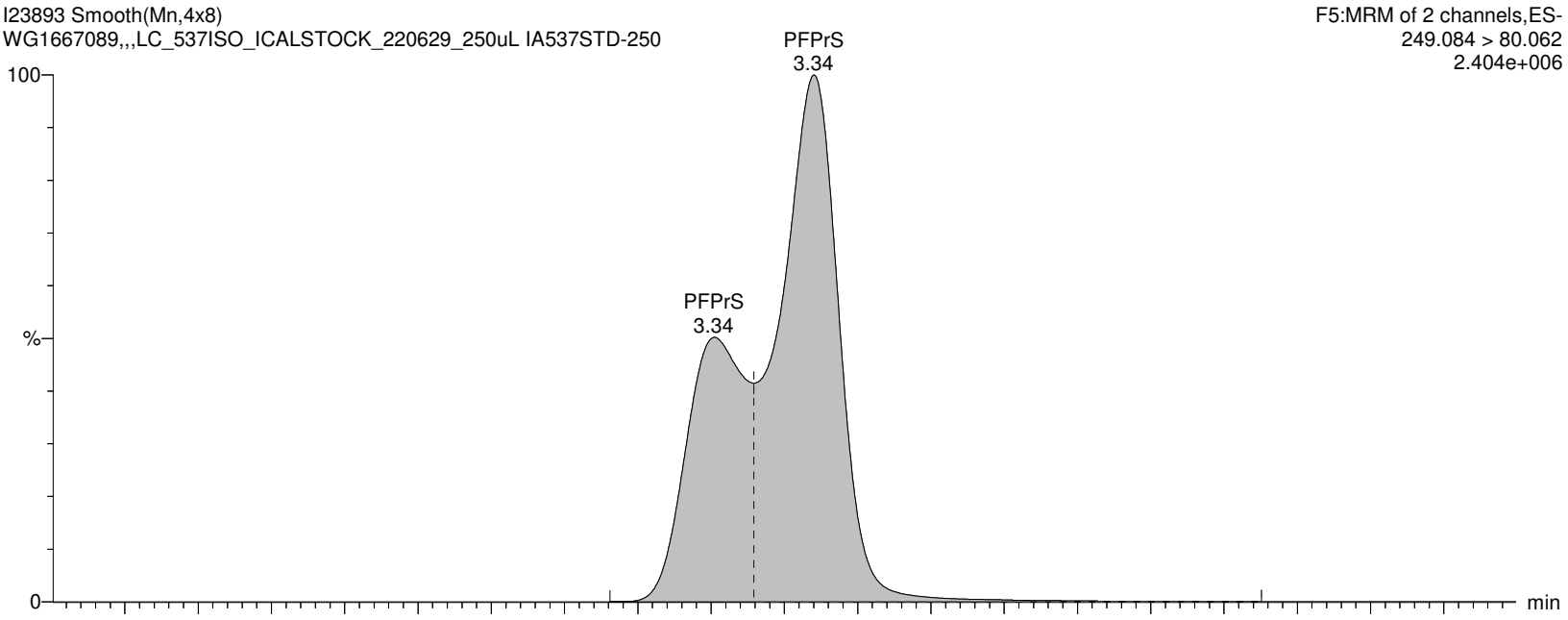


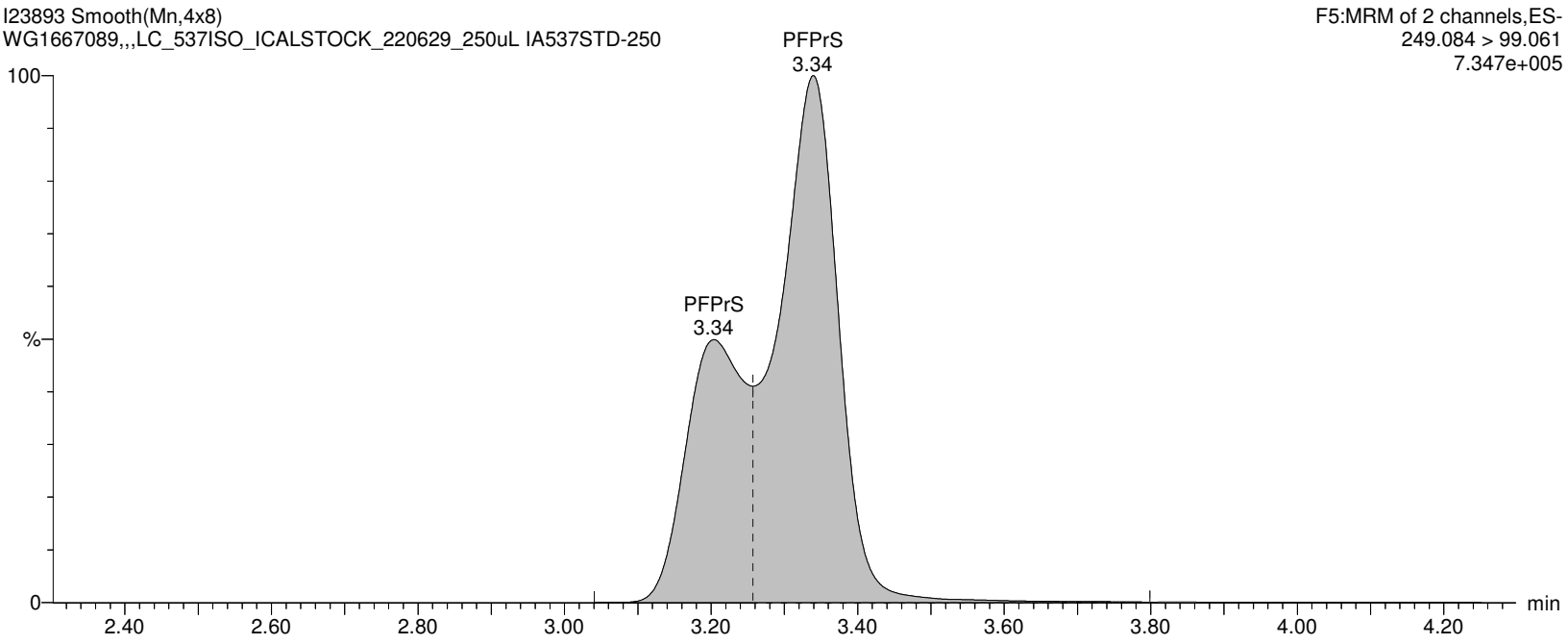
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFPrS



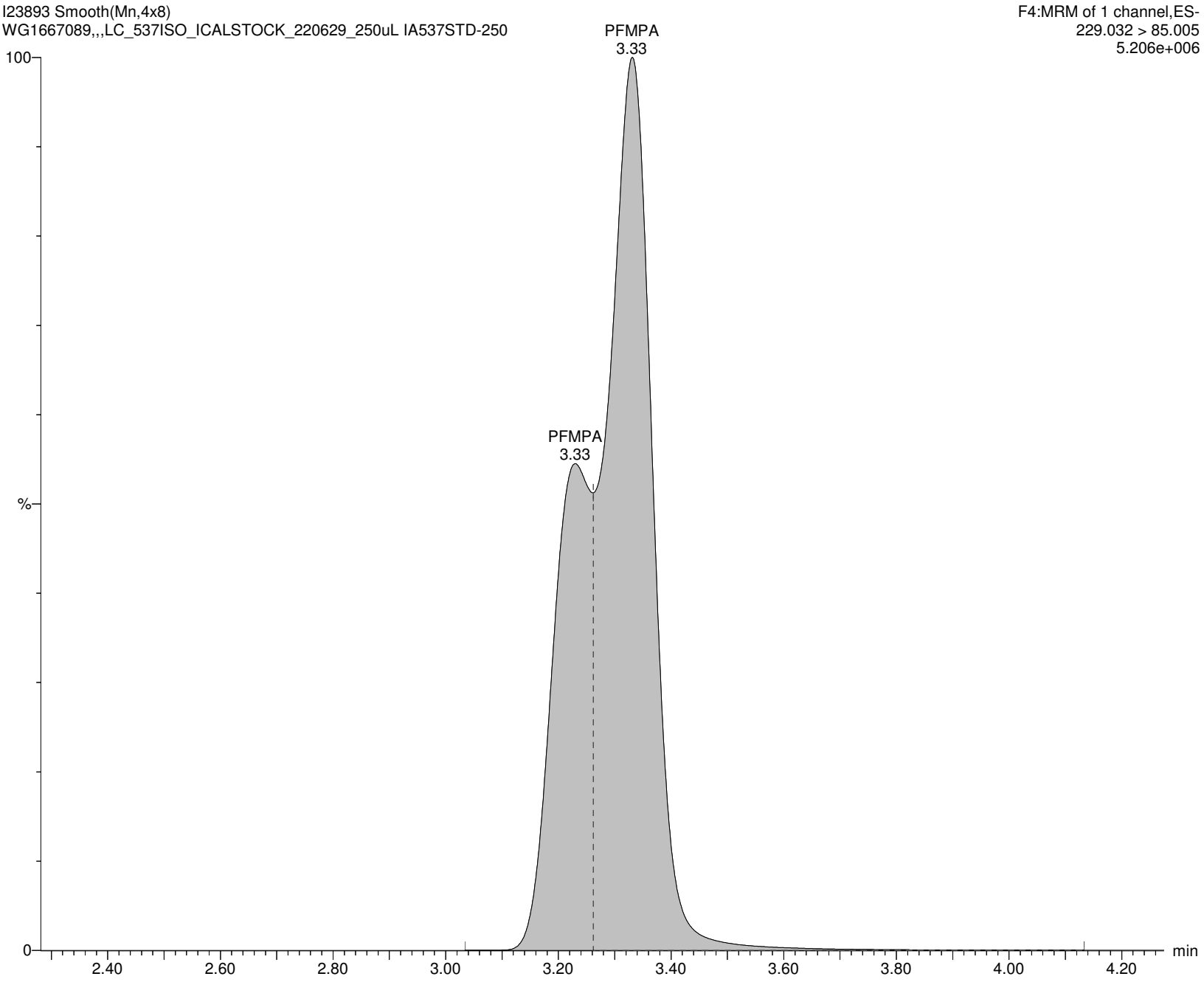


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFMPA

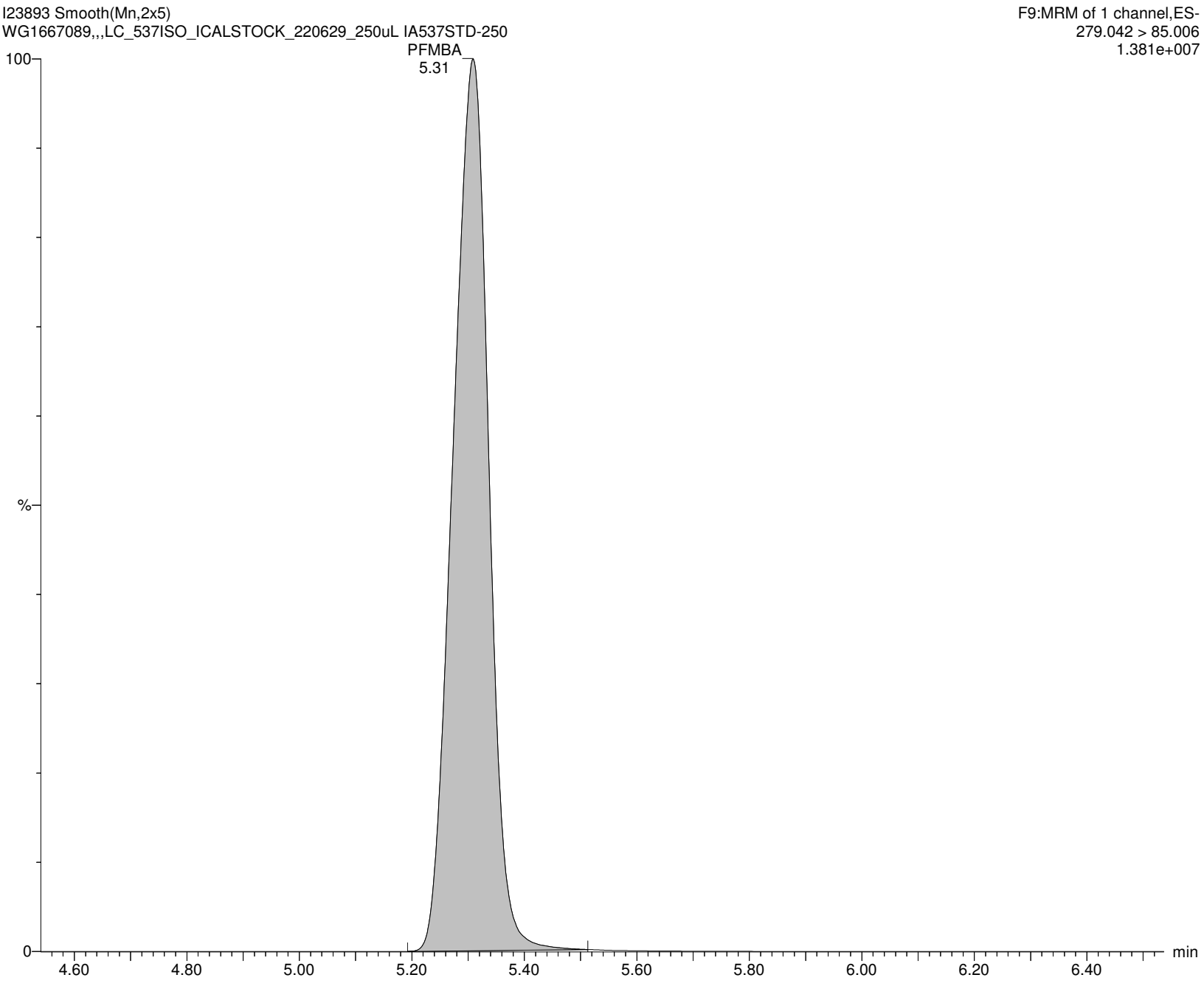


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFMBA

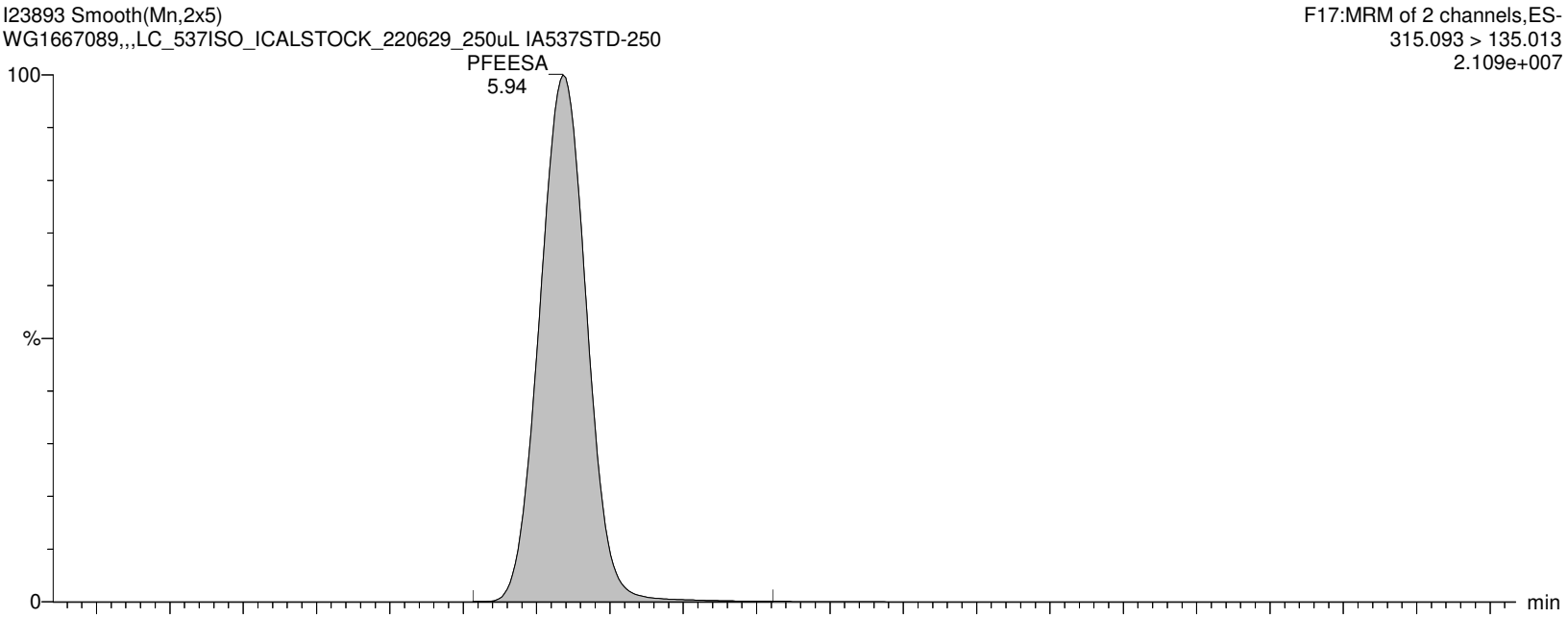


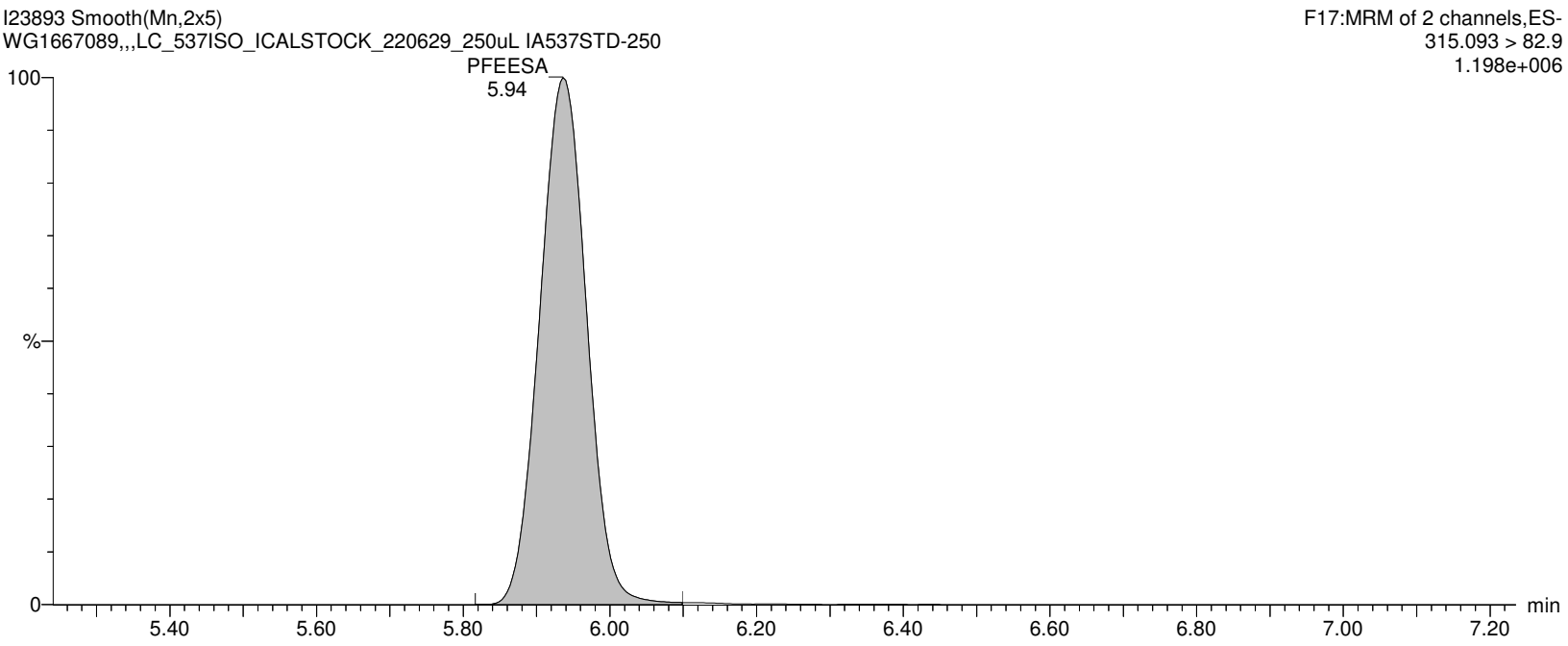
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFEESA



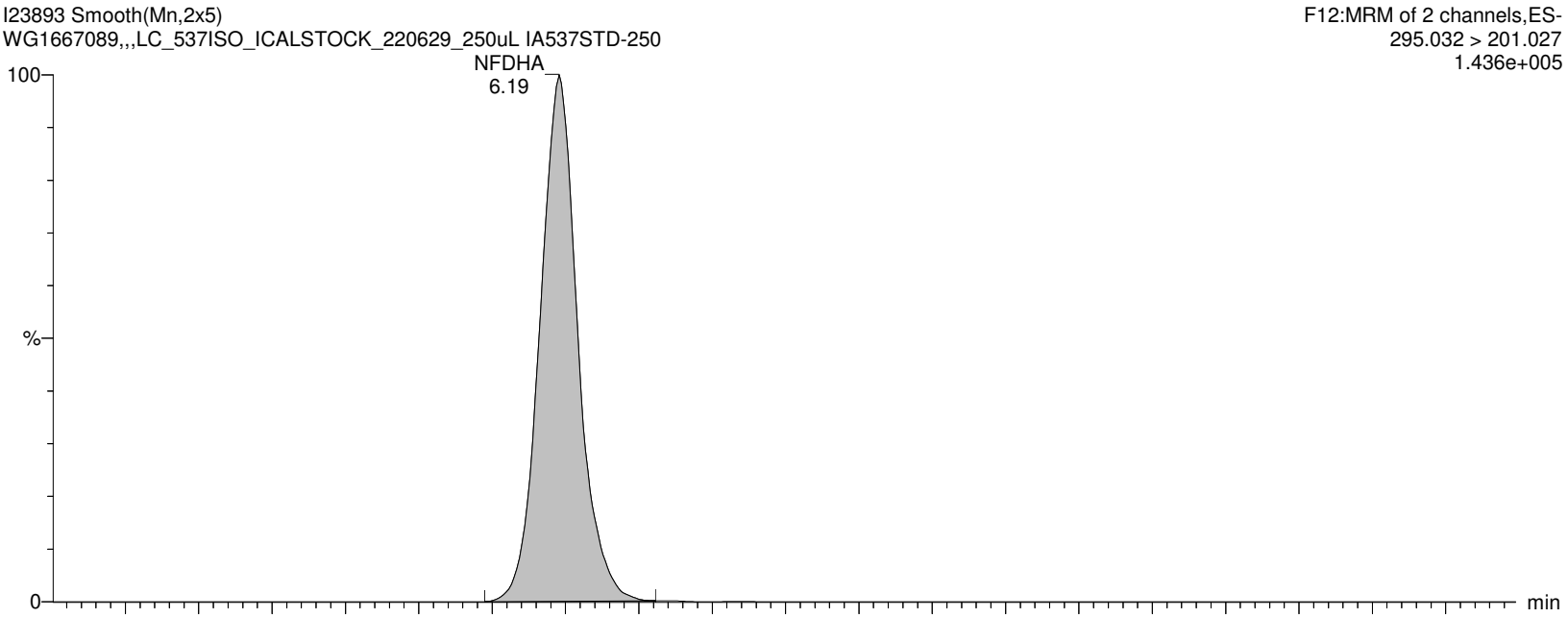


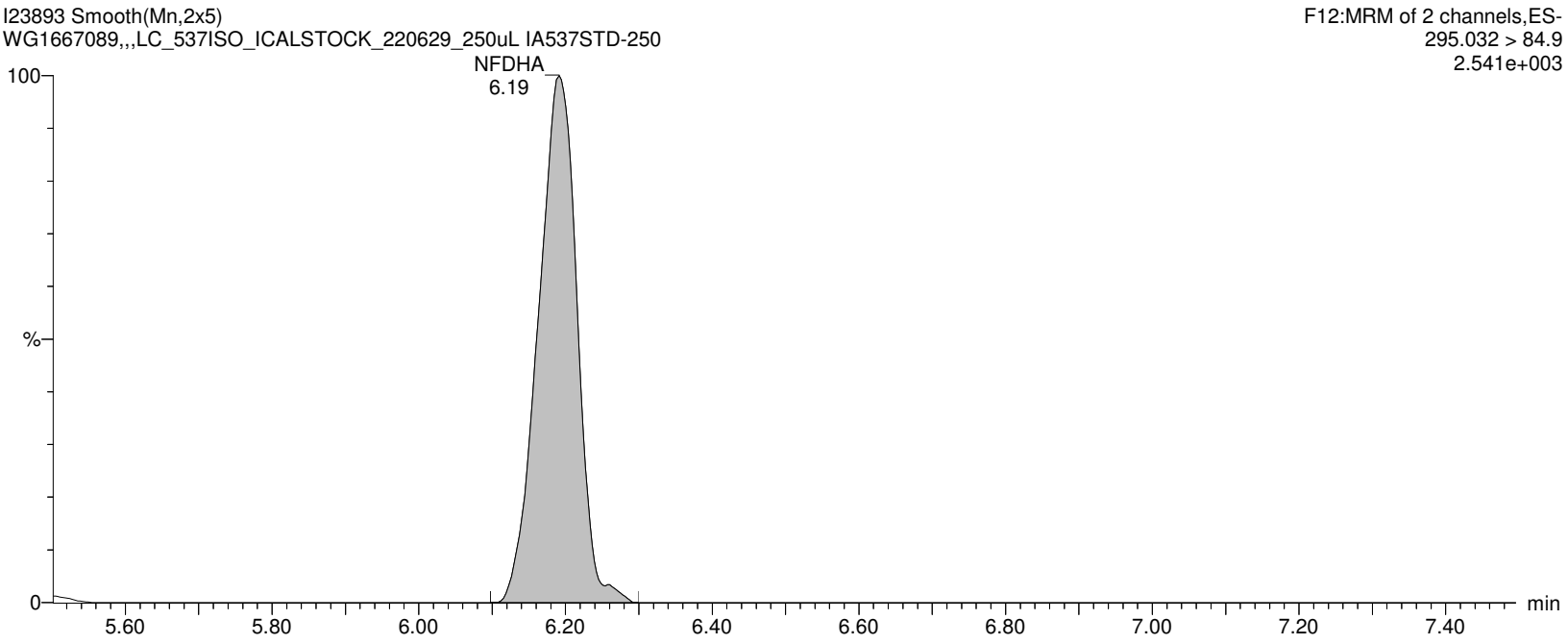
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NFDHA



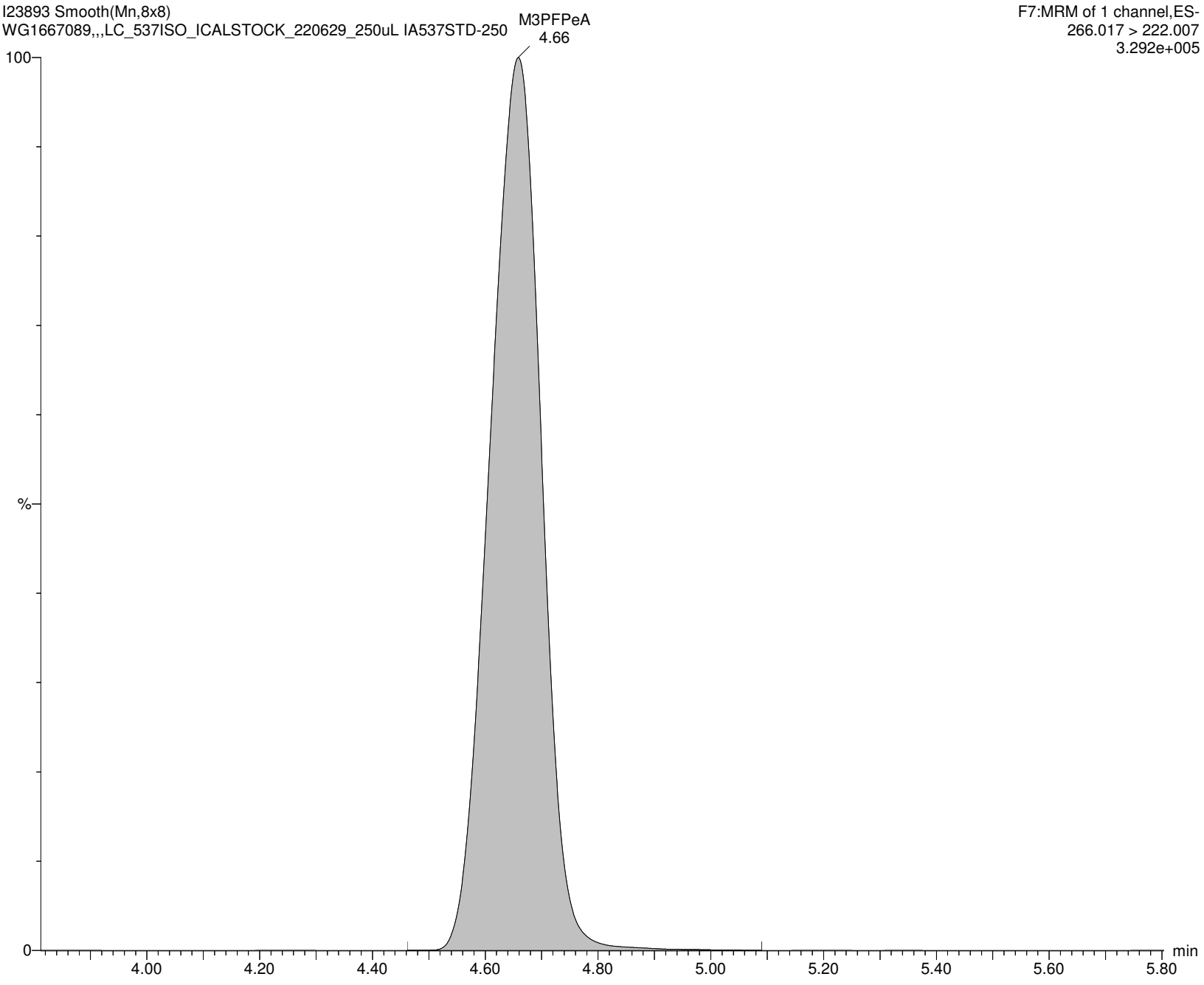


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M3PFPeA

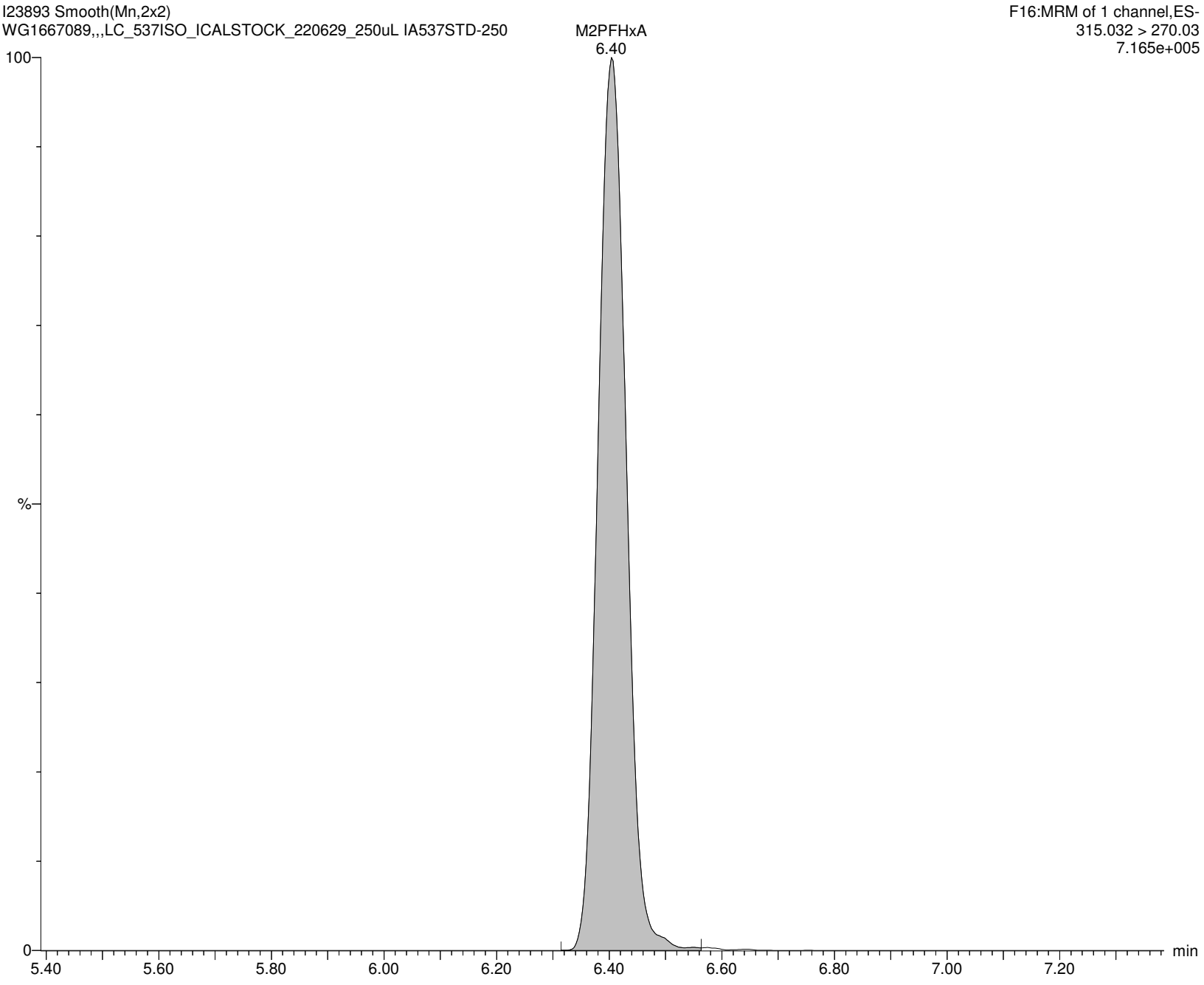


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2PFHxA

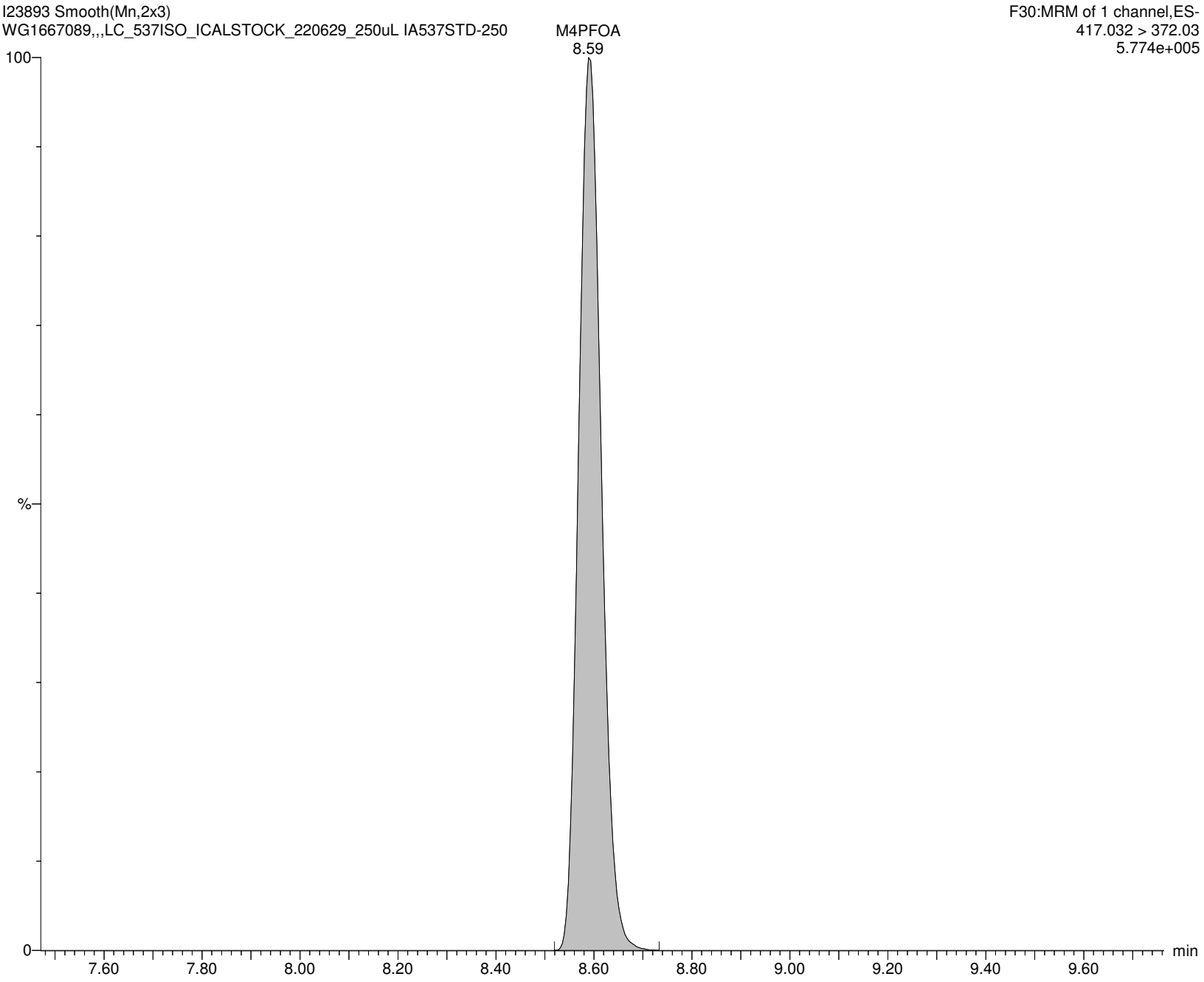


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICAL.qld
Last Altered: Tuesday, July 26, 2022 09:37:13 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 10:32:36 Eastern Daylight Time

Name: I23893
ID: IA537STD-250
Date: 26-Jul-2022
Time: 02:08:59
Description: WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M4PFOA



all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\MethDB\537ISO_Q_220725.mdb 26 Jul 2022 09:31:55
Calibration: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\CurveDB\220725_ICAL.cdb 26 Jul 2022 09:37:13

ID: CA537STD-10
Name: I23897
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:RS
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.09	213.032 > 169.022	44479		9.333		na	93.3
2	M3PFBA	INT STD	2.10	216.009 > 171.999	43129		11.543		na	115.4
3	MPFBA	INT STD	2.10	217.001 > 171.999	50268		10.265		na	102.6
4	PFPeA	2706-90-3	4.70	263.039 > 219.03	48395		9.292		na	92.9
5	M5PFPEA	INT STD	4.69	268.001 > 222.999	50298		10.430		na	104.3
6	PFBS	375-73-5	5.28	299.092 > 80.062	15970		8.325	2.01	NO	93.9
7	M3PFBS	INT STD	5.28	302.069 > 80.062	16211		8.866		na	95.1
8	4:2FTS	757124-72-4	6.37	327.146 > 307.139	3135		10.476	1.36	NO	111.8
9	M2-4:2FTS	INT STD	6.37	329.13 > 309.124	3298		9.013		na	96.1
10	PFHxA	307-24-4	6.45	313.047 > 269.037	60431		9.418	12.74	NO	94.2
11	M5PFHxA	INT STD	6.45	318.009 > 273.007	62542		9.775		na	97.8
12	PFPeS	2706-91-4	6.76	349.1 > 80.062	16685		8.912	1.69	NO	94.7
13	PFHpA	375-85-9	7.69	363.055 > 319.045	51805		9.083	3.71	NO	90.8
14	M4PFHpA	INT STD	7.69	367.025 > 322.022	54815		10.224		na	102.2
15	br-PFHxS	355-46-4	7.62	399.107 > 80.062	3007	m5,m7	1.885	2.17	NO	99.8
16	L-PFHxS	355-46-4	7.85	399.107 > 80.062	13738		7.941	1.65	NO	97.9
17	PFHxS	355-46-4		399.107 > 80.062	16746		9.826		na	
18	M3PFHxS	INT STD	7.85	402.084 > 80.062	17878		9.389		na	99.0
19	br-PFOA	335-67-1		413.063 > 369.053			ND		YES	
20	L-PFOA	335-67-1	8.63	413.063 > 369.053	55661		9.746	8.40	NO	97.5
21	PFOA	335-67-1		413.063 > 369.053	55661		9.746		na	
22	M8PFOA	INT STD	8.63	421.002 > 376.	50005		10.035		na	100.4
23	M2PFOA	INT STD	8.63	415.048 > 370.045	51410		12.323		na	123.2
24	6:2FTS	27619-97-2	8.59	427.161 > 407.155	3221		10.434	2.35	NO	109.7
25	M2-6:2FTS	INT STD	8.59	429.146 > 409.14	3664		8.391		na	88.2
26	PFHpS	375-92-8	8.72	449.115 > 80.062	17736		8.934	1.79	NO	93.7
27	PFNA	375-95-1	9.39	463.071 > 419.061	50139		8.811	4.19	NO	88.1
28	M9PFNA	INT STD	9.39	472.002 > 427.	48974		10.521		na	105.2
29	br-PFOS	1763-23-1	9.25	499.123 > 80.062	4347	m5,m7	2.015	3.92	NO	95.5
30	L-PFOS	1763-23-1	9.44	499.123 > 80.062	13267		7.934	1.78	NO	100.6
31	PFOS	1763-23-1		499.123 > 80.062	17614		9.949		na	
32	M4PFOS	INT STD	9.44	503.093 > 80.062	17922		11.260		na	112.6
33	M8PFOS	INT STD	9.44	507.062 > 80.062	17668		9.616		na	100.3
34	PFDA	335-76-2	10.02	513.078 > 469.069	35153		10.488	2.62	NO	104.9
35	M2PFDA	INT STD	10.02	515.063 > 470.061	37394		12.194		na	121.9
36	M6PFDA	INT STD	10.02	519.033 > 474.03	32514		10.073		na	100.7
37	8:2FTS	39108-34-4	10.01	527.177 > 507.171	2444		11.175	1.71	NO	116.4
38	M2-8:2FTS	INT STD	10.01	529.162 > 509.155	2747		8.682		na	90.4
39	PFNS	68259-12-1	10.05	549.131 > 80.062	17917		10.355	2.33	NO	107.6

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

ID: CA537STD-10
Name: I23897
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:RS
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.42	573.22 > 419.061	7728		10.243		na	102.4
41	br-NMeFOSAA	2355-31-9		570.202 > 419.061			ND		YES	
42	L-NMeFOSAA	2355-31-9	10.43	570.202 > 419.061	4372		8.646	1.98	NO	113.8
43	NMeFOSAA	2355-31-9		570.202 > 419.061	4372		8.646		na	
44	PFUnA	2058-94-8	10.57	563.086 > 519.076	36950		10.141	5.09	NO	101.4
45	M7-PFUDA	INT STD	10.57	570.033 > 525.031	35346		10.847		na	108.5
46	PFDS	335-77-3	10.58	598.926 > 80.062	12441		9.440	2.16	NO	97.8
47	FOSA	754-91-6	10.56	498.146 > 78.07	46546		10.463	56.61	NO	104.6
48	M8FOSA	INT STD	10.55	506.077 > 78.07	46202		8.950		na	89.5
49	d5-NEtFOSAA	INT STD	10.73	589.259 > 419.061	6662		8.607		na	86.1
50	br-NEtFOSAA	2991-50-6		584.229 > 419.061			ND		YES	
51	L-NEtFOSAA	2991-50-6	10.73	584.229 > 419.061	4474		10.362	1.31	NO	133.7
52	NEtFOSAA	2991-50-6		584.229 > 419.061	4474		10.362		na	
53	PFDoA	307-55-1	11.05	613.094 > 569.084	36768		9.686	6.29	NO	96.9
54	MPFDOA	INT STD	11.05	615.079 > 570.077	39370		10.232		na	102.3
55	PFTrDA	72629-94-8	11.47	663.102 > 619.092	23095		10.940	5.50	NO	109.4
56	PFTA	376-06-7	11.85	713.11 > 669.1	18005		9.468	8.34	NO	94.7
57	M2PFTEDA	INT STD	11.85	715.094 > 670.092	20289		9.582		na	95.8
58	M3HFPO-DA	INT STD	6.87	287.02 > 169.022	50200		240.349		na	120.2
59	HFPO-DA	13252-13-6	6.86	285.035 > 169.022	25672		95.970	19.96	NO	96.0
60	ADONA	958445-44-8	7.87	377.06 > 251.028	63914		8.277	35.84	NO	87.6
61	PFHxDA		12.47	813.122 > 769.116	21112		8.896	21.87	NO	89.0
62	PFODA		12.78	913.411 > 869.131	3897		7.216	19.23	NO	72.2
63	M2PFHxDA		12.47	815.102 > 770.108	19711		8.517		na	85.2
64	PFDoS		11.47	699.154 > 80.062	11434		8.066	1.70	NO	83.3
65	M2D4-10:2FTS		11.05	633.201 > 612.189	2850		16.557		na	84.5
66	10:2FTS		11.06	627.192 > 607.186	1645		8.213	1.83	NO	85.0
67	9CL-PF3ONS		9.80	530.862 > 350.843	29231		9.522	4.48	NO	102.1
68	11CL-PFOUdS		10.85	630.862 > 450.854	15983		9.263	2.64	NO	98.2
69	NMeFOSA		11.19	512.163 > 169.022	12231		8.823	2.10	NO	88.2
70	d3-NMeFOSA		11.18	515.183 > 169.022	134017		104.375		na	104.4
71	NEtFOSA		11.50	526.192 > 169.022	14537		9.021	9.47	NO	90.2
72	d5-NEtFOSA		11.49	531.222 > 169.022	148641		101.508		na	101.5
73	NMeFOSE		11.19	616 > 59	13925		8.521		na	85.2
74	d7-NMeFOSE		11.18	623 > 59	95486		87.026		na	87.0
75	NEtFOSE		11.49	630 > 59	11482		8.762		na	87.6
76	d9-NEtFOSE		11.47	639 > 59	66690		80.789		na	80.8
77	PFPrS		3.36	249.084 > 80.062	14116		8.033	3.44	NO	87.3
78	PFMPA		3.35	229.032 > 85.005	38247		10.646		na	106.5
79	PFMBA		5.35	279.042 > 85.006	53552		9.797		na	98.0
80	PFEESA		5.98	315.093 > 135.013	80442		9.282	17.60	NO	104.3
81	NFDHA		6.23	295.032 > 201.027	798	m7	27.416	90.87	YES	274.2
82	M3PFPeA		4.70	266.017 > 222.007	46781		10.287		na	102.9

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

ID: CA537STD-10
Name: I23897
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:RS
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
83	M2PFHxA		6.45	315.032 > 270.03	57688		9.581		na	95.8
84	M4PFOA		8.63	417.032 > 372.03	49452		10.015		na	100.1

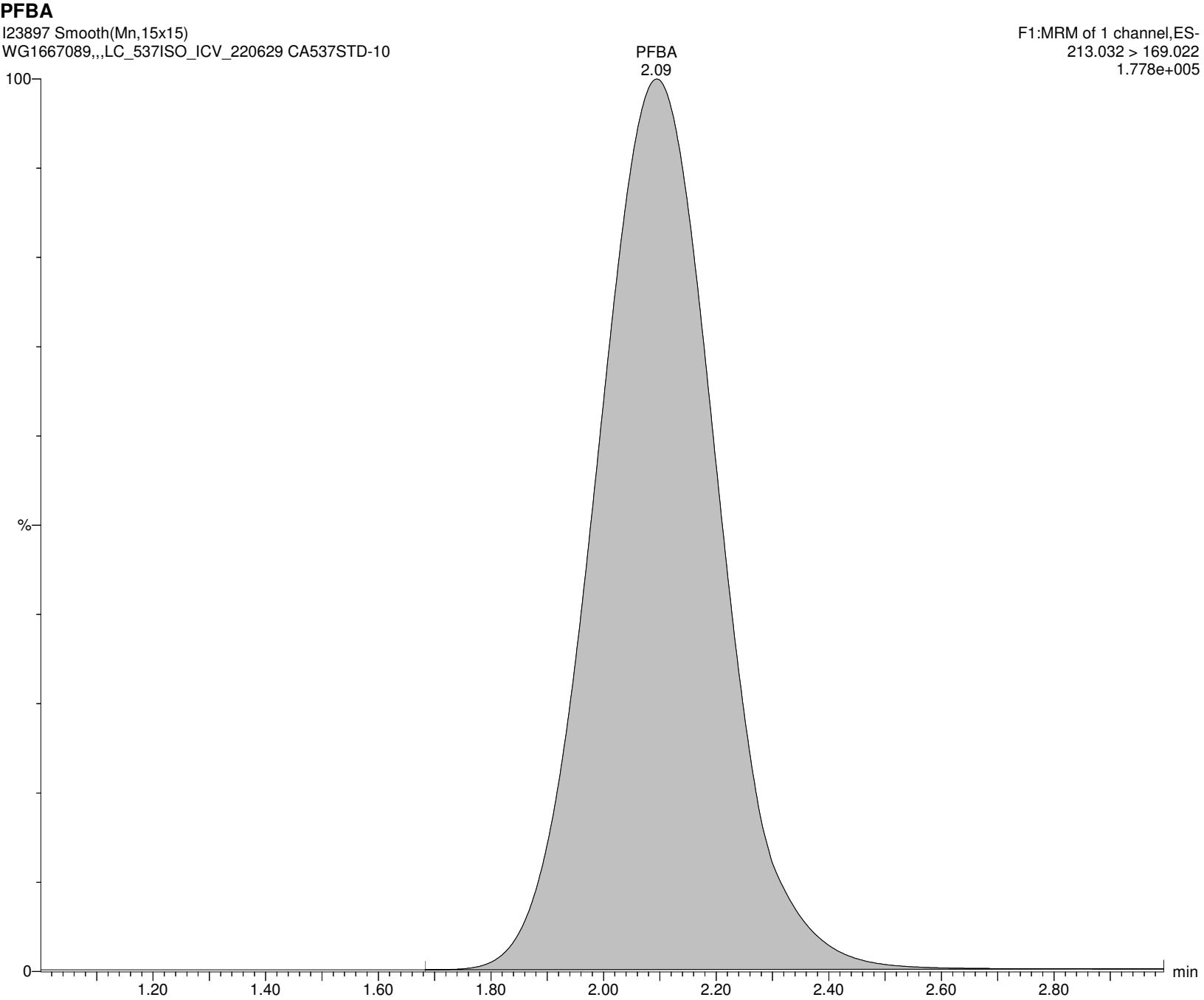
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\MethDB\537ISO_Q_220725.mdb 26 Jul 2022 09:31:55
Calibration: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\CurveDB\220725_ICAL.cdb 26 Jul 2022 09:37:13

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFBA

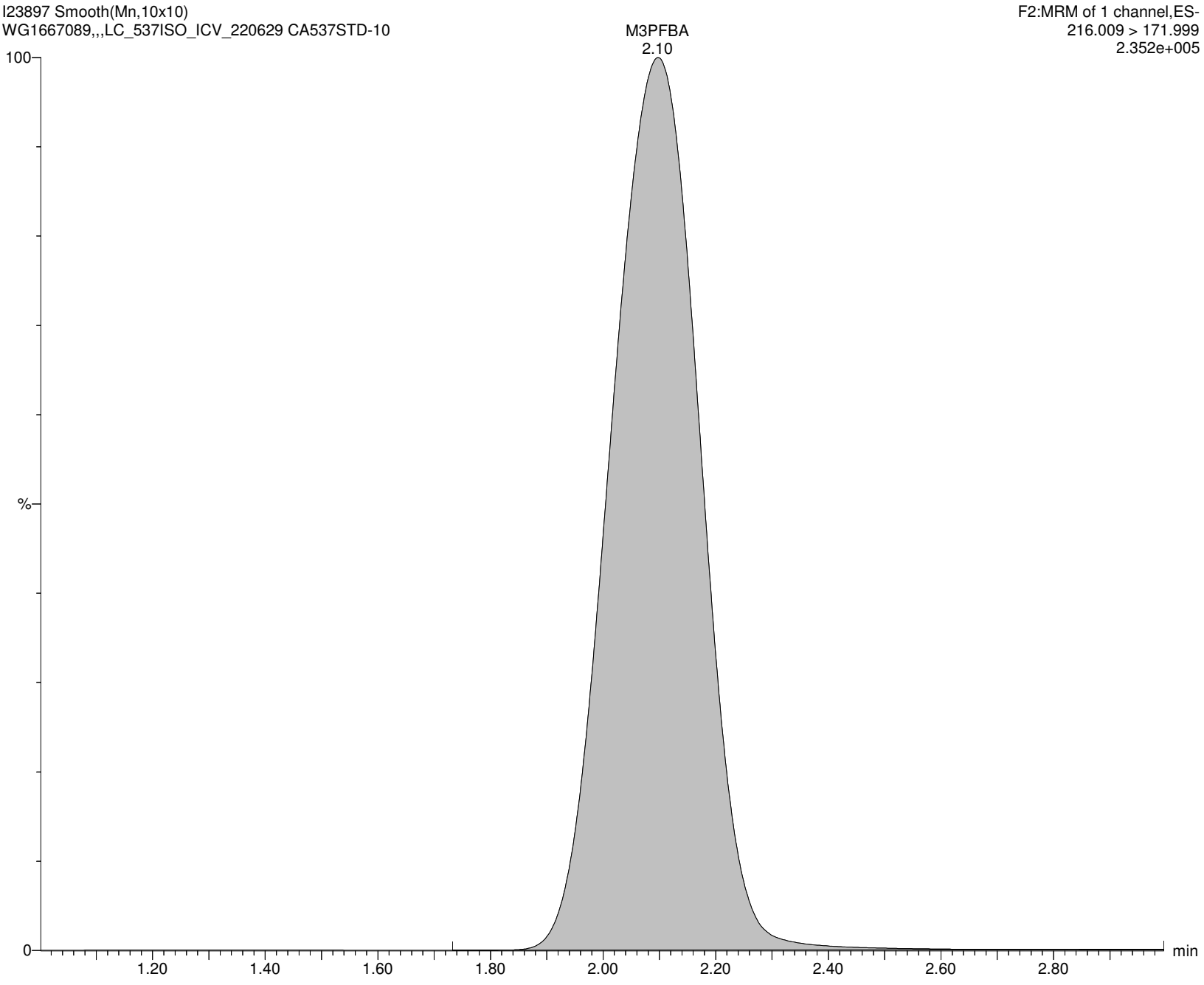


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M3PFBA

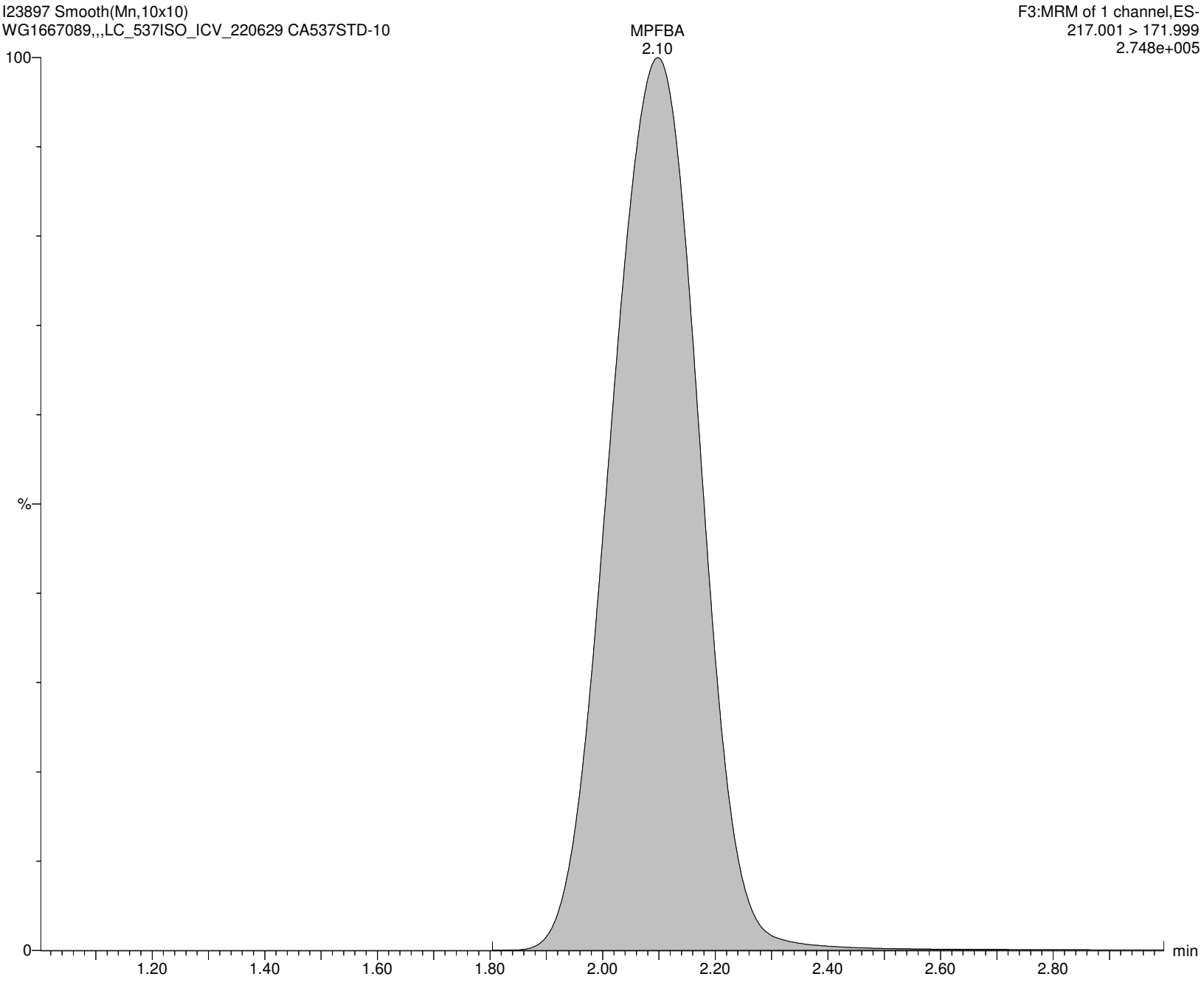


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

MPFBA

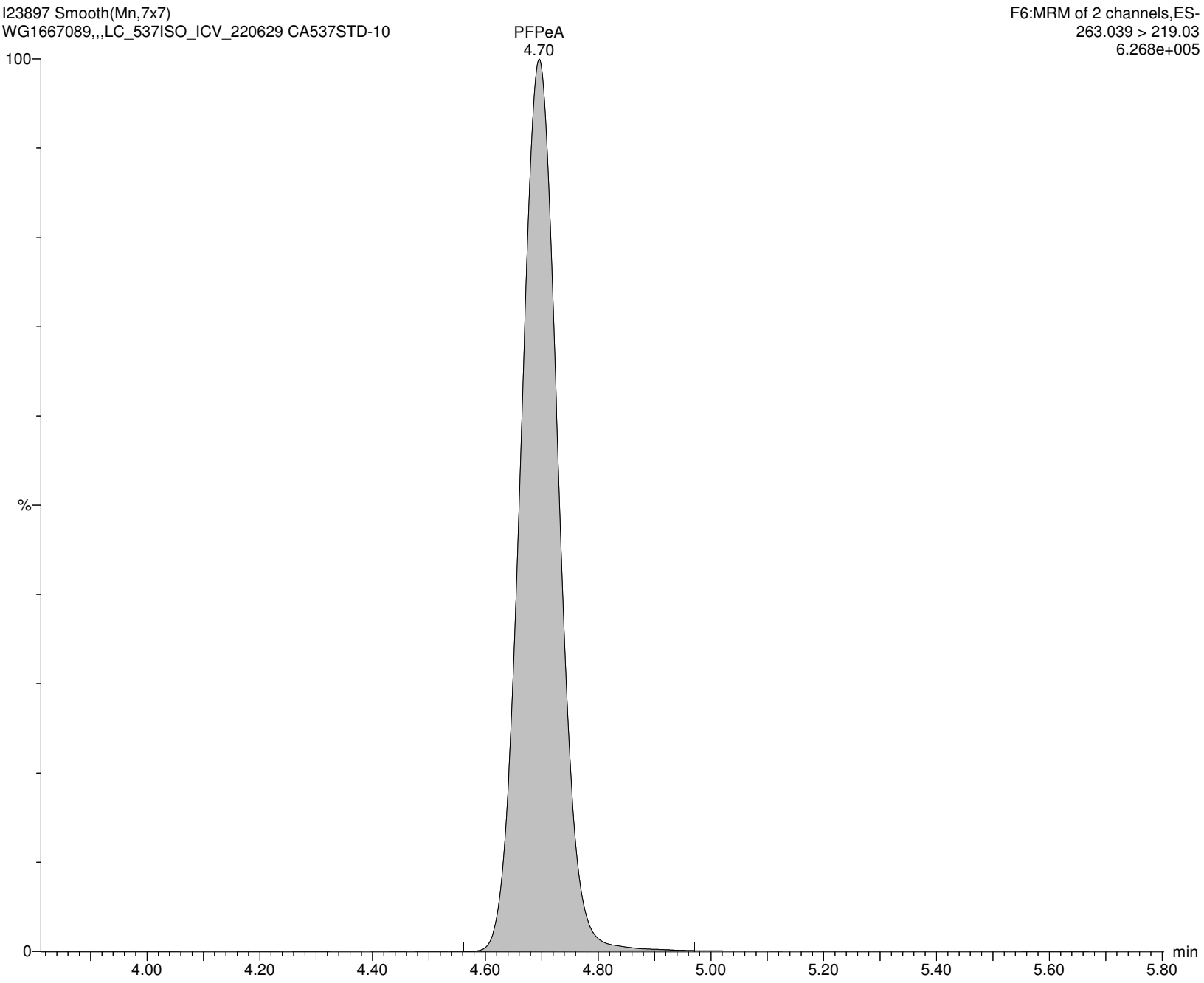


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFPeA

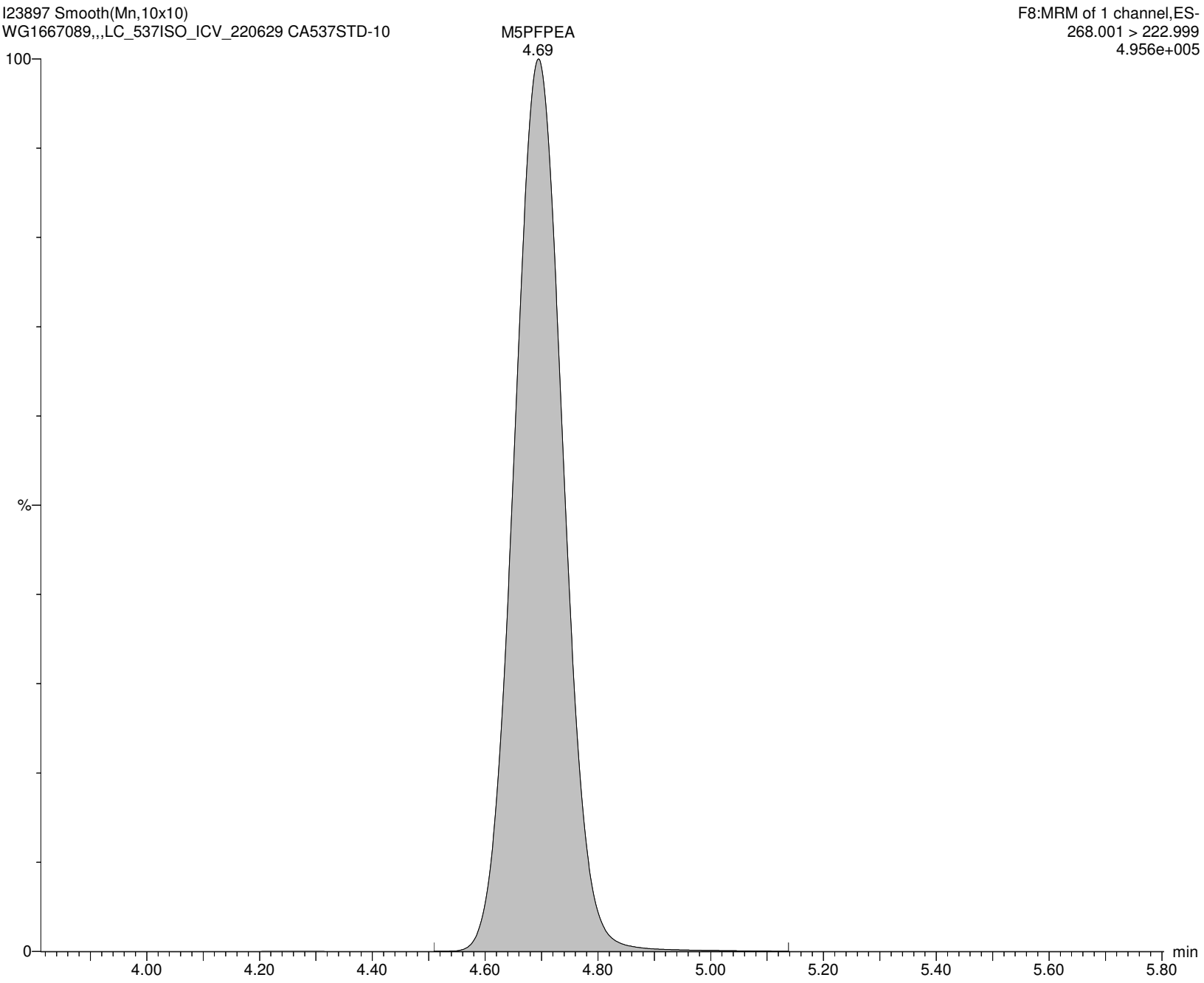


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M5PFPEA

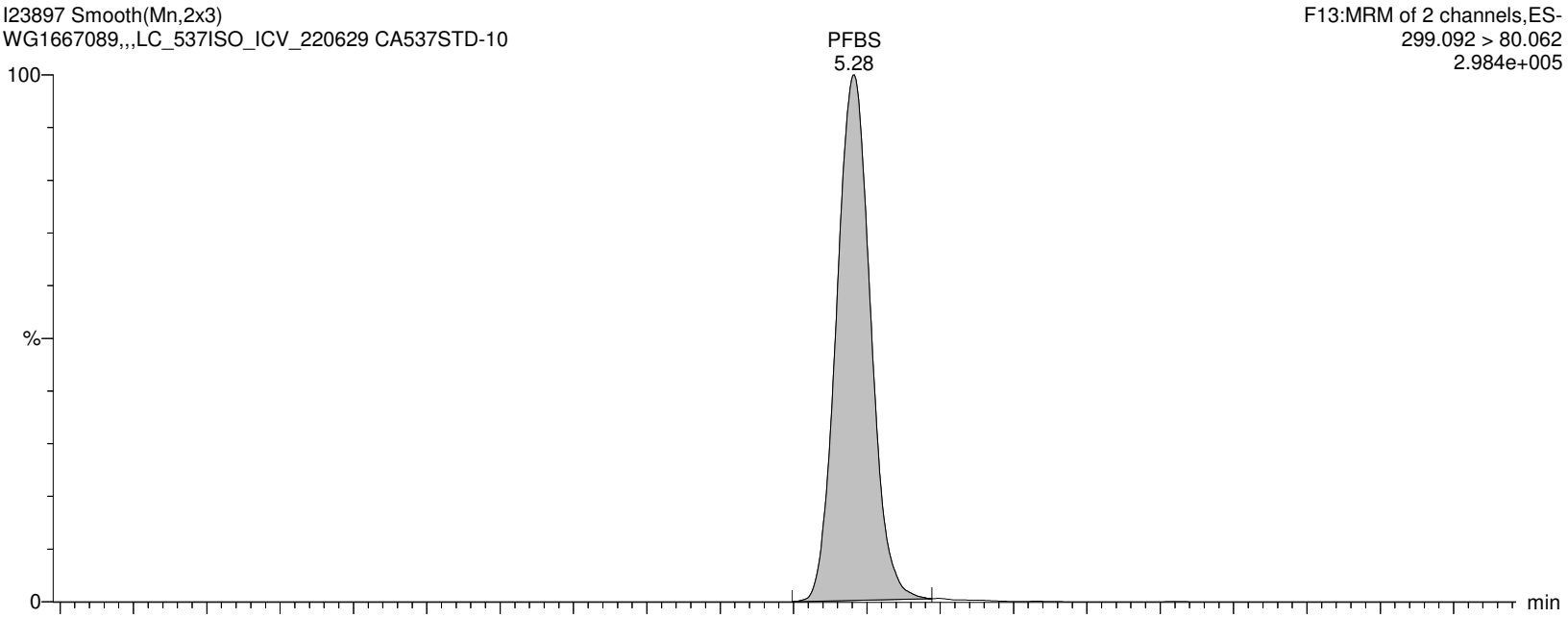


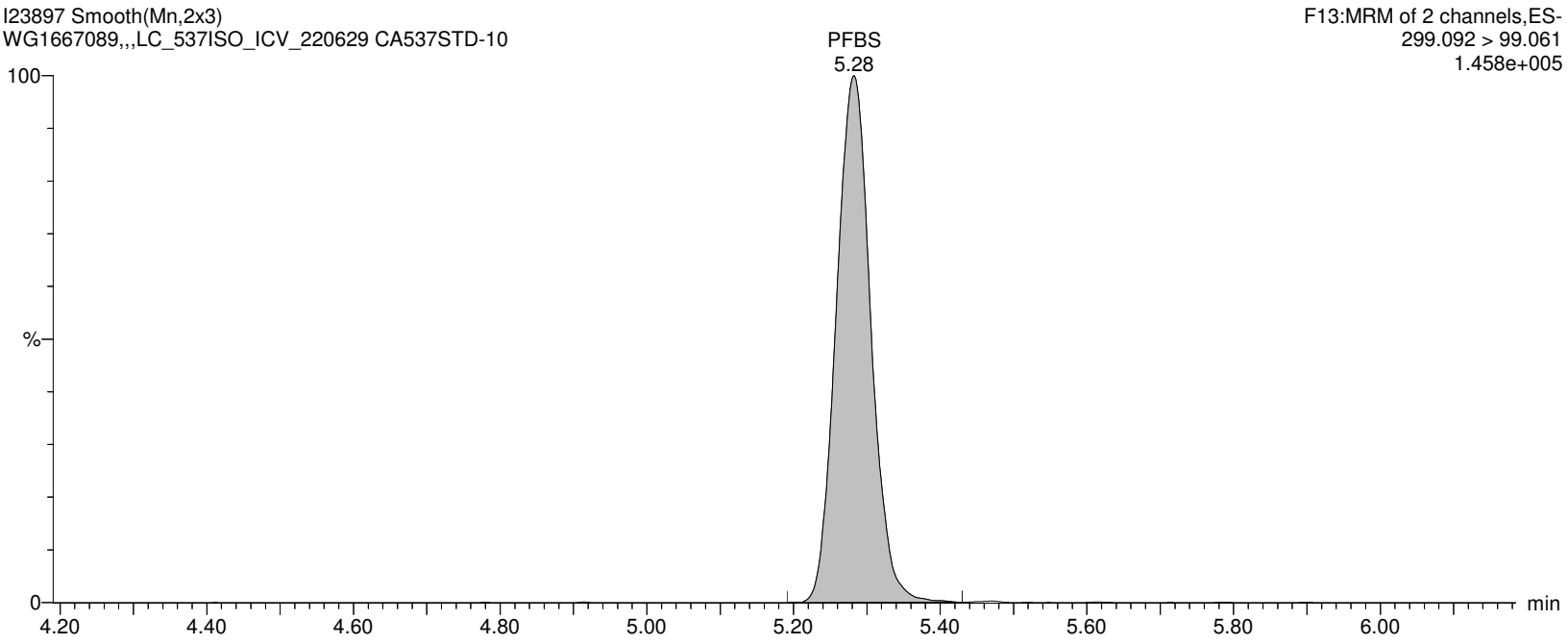
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFBS



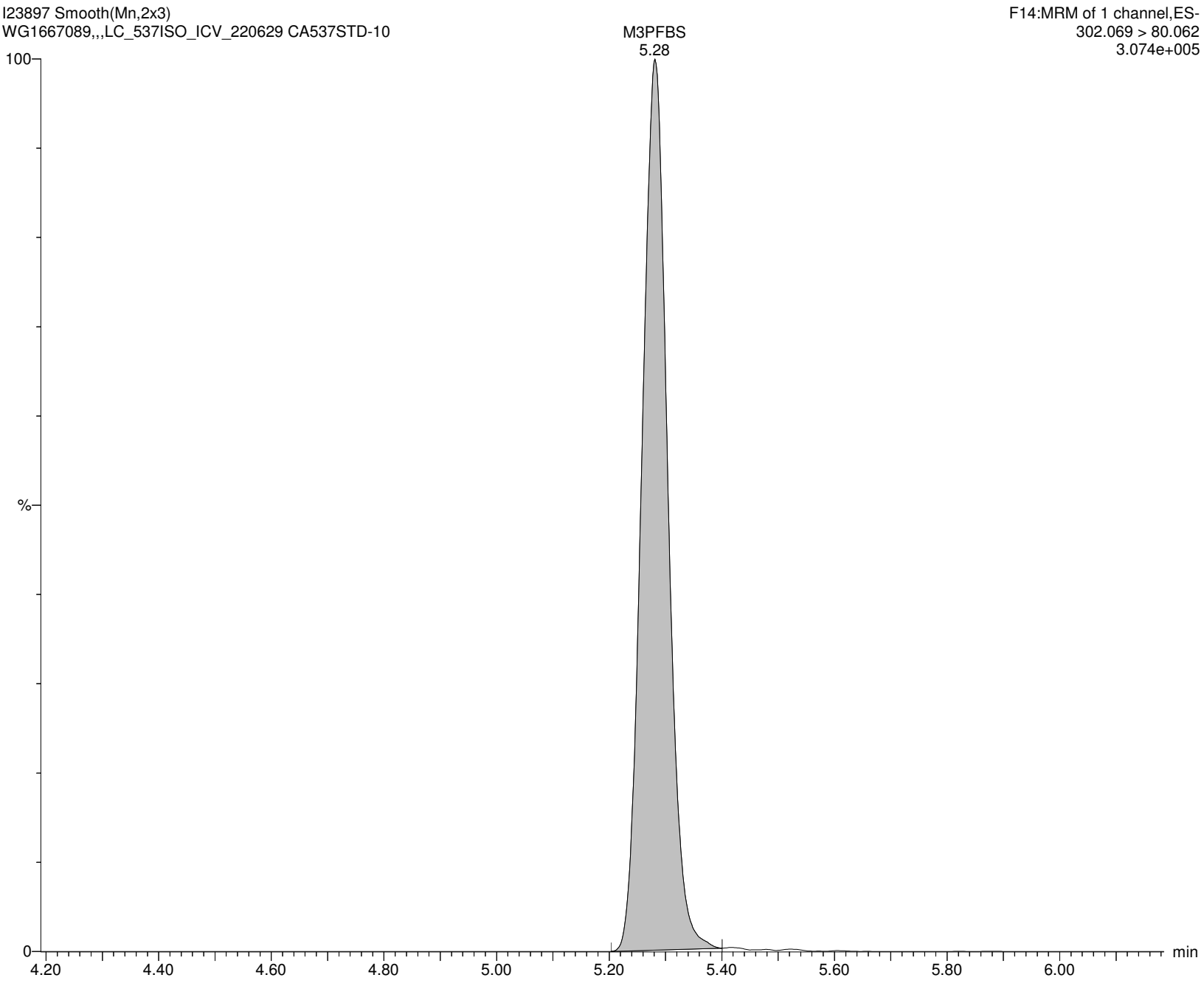


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M3PFBS

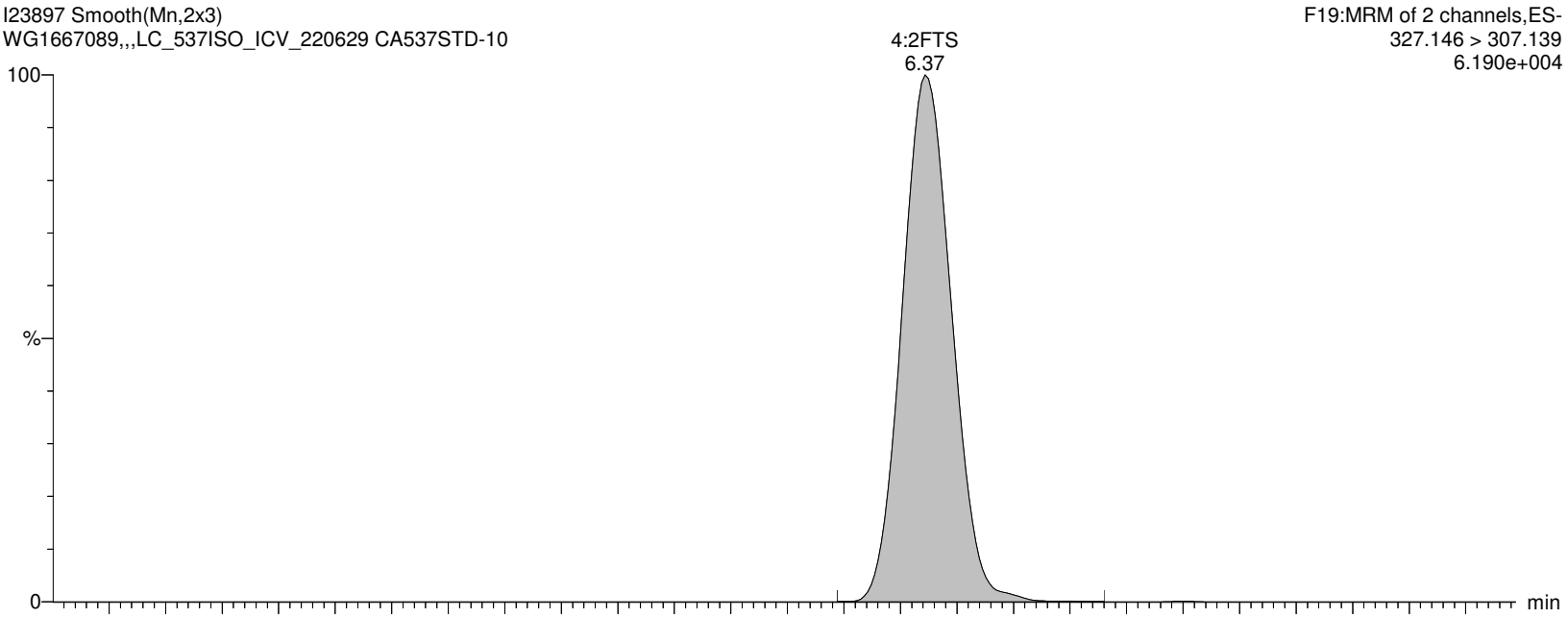


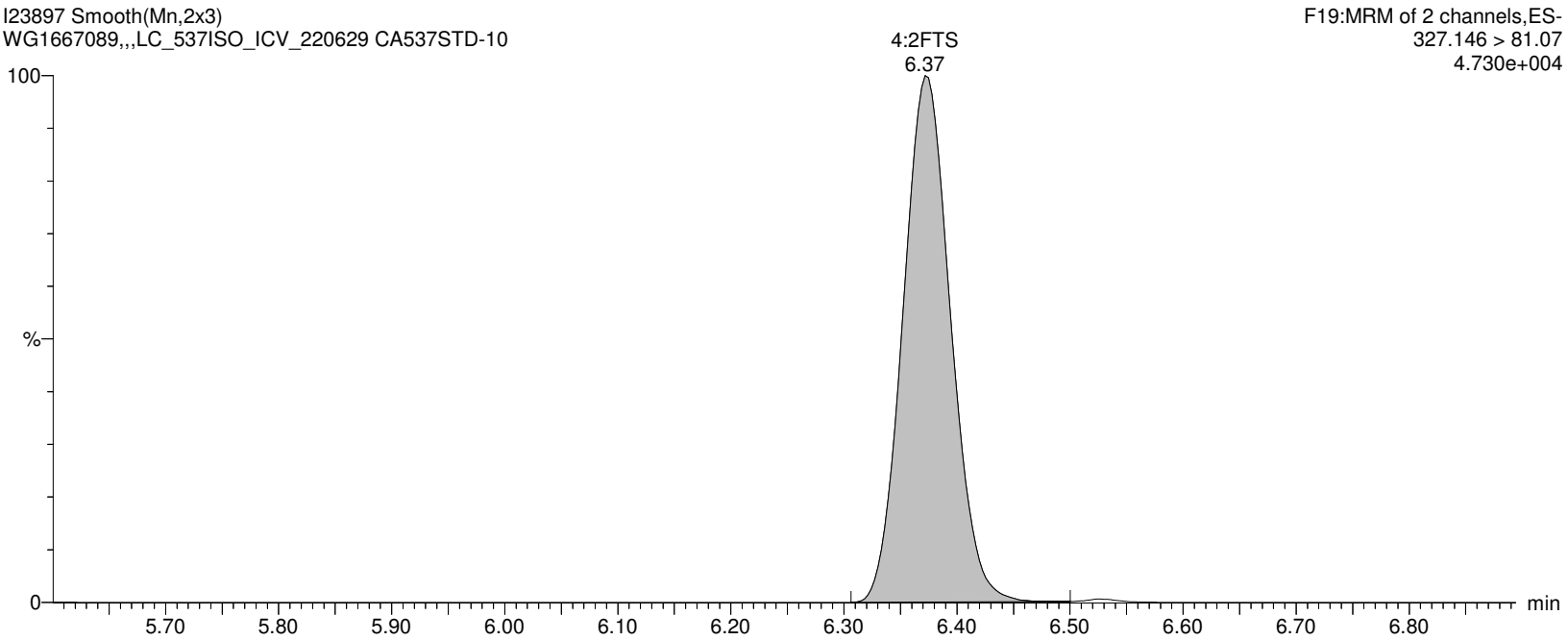
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

4:2FTS



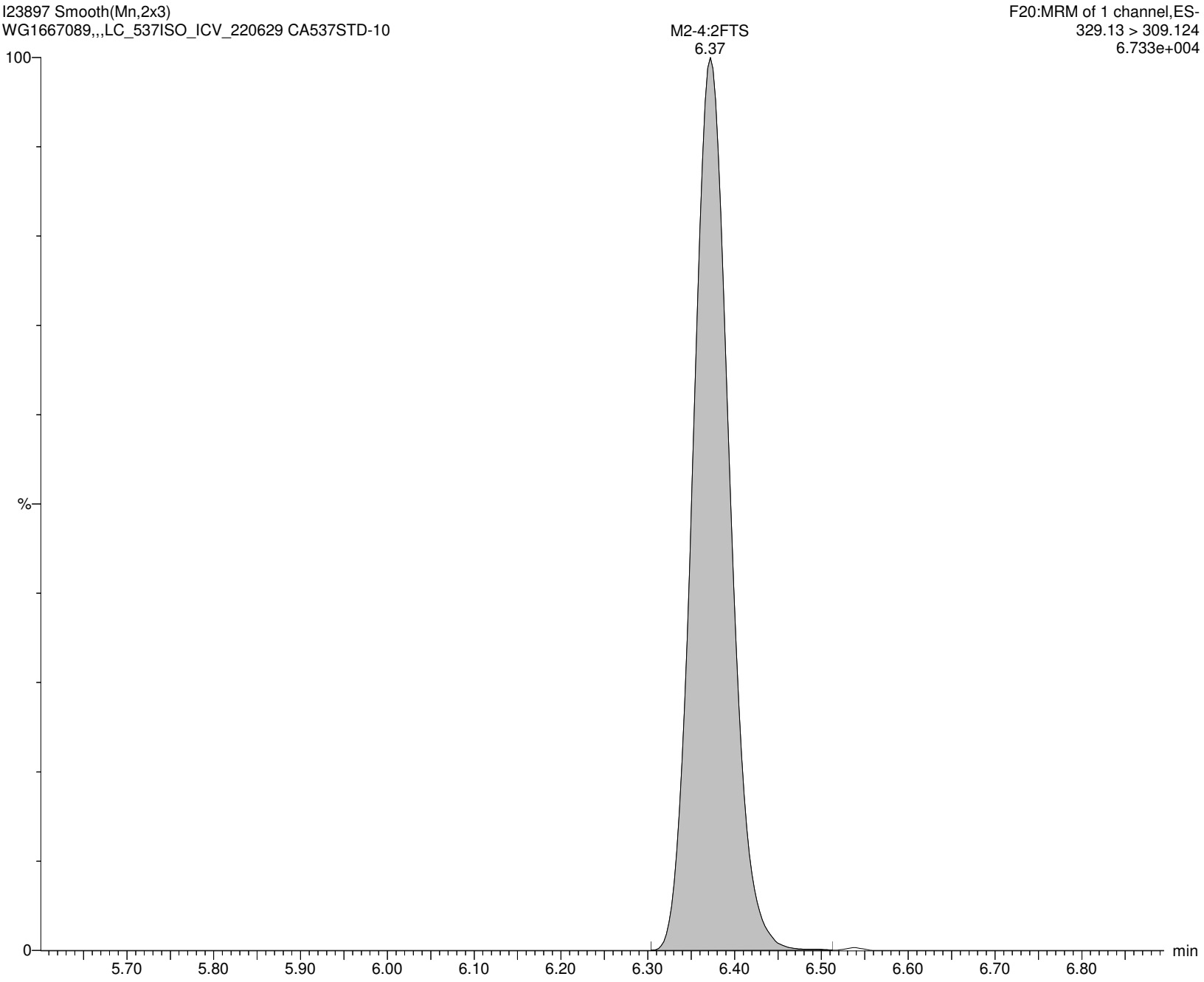


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2-4:2FTS

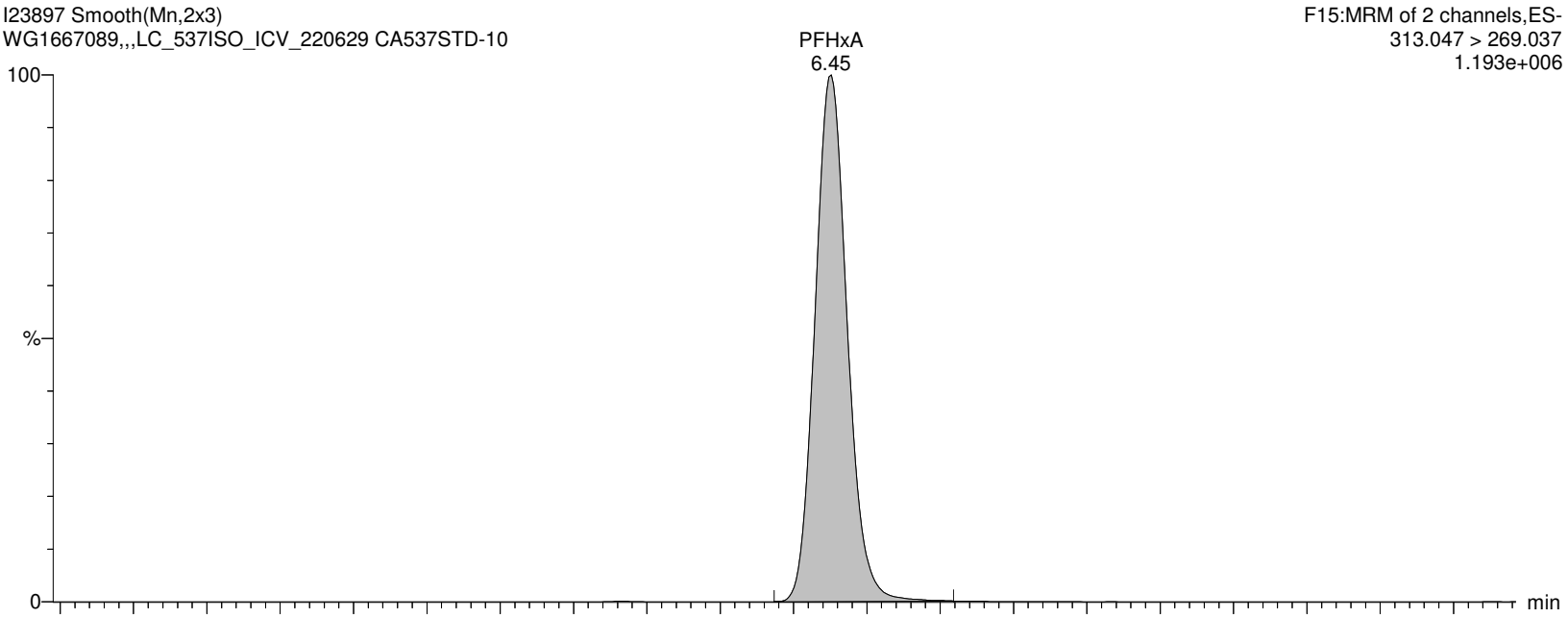


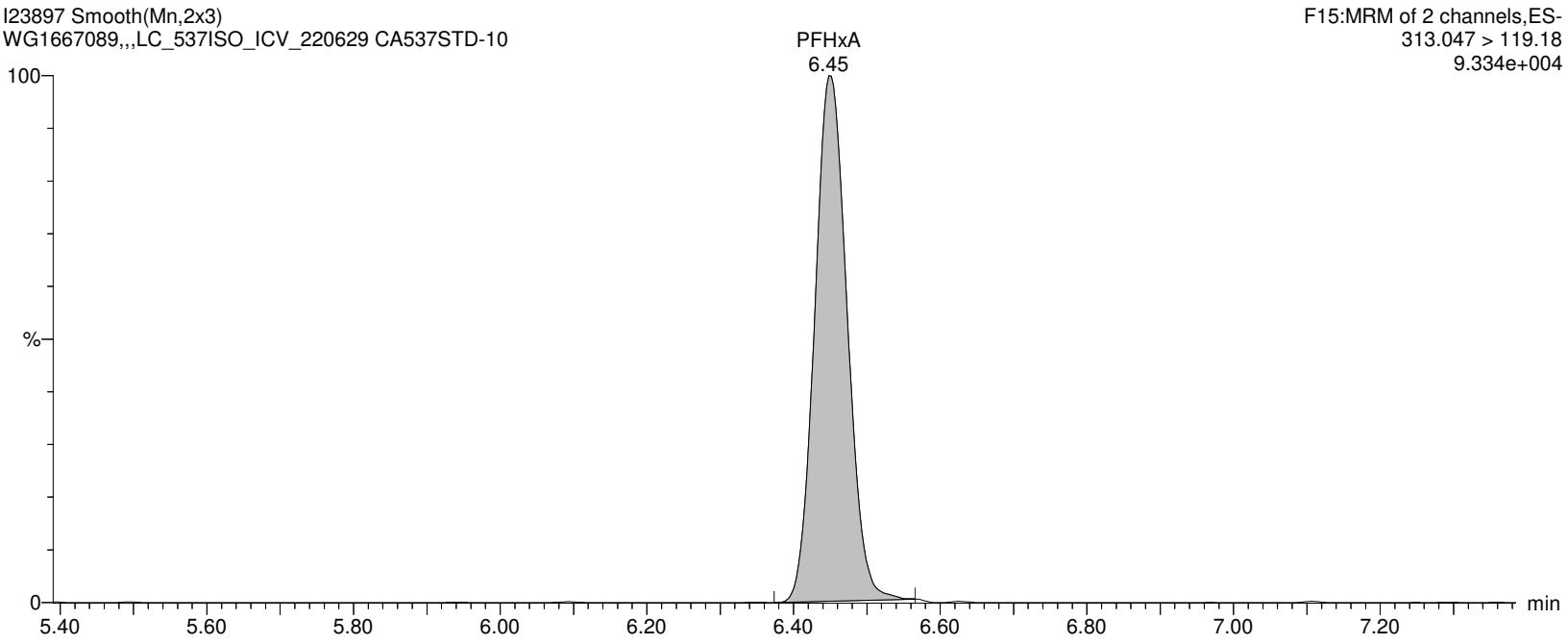
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFHxA



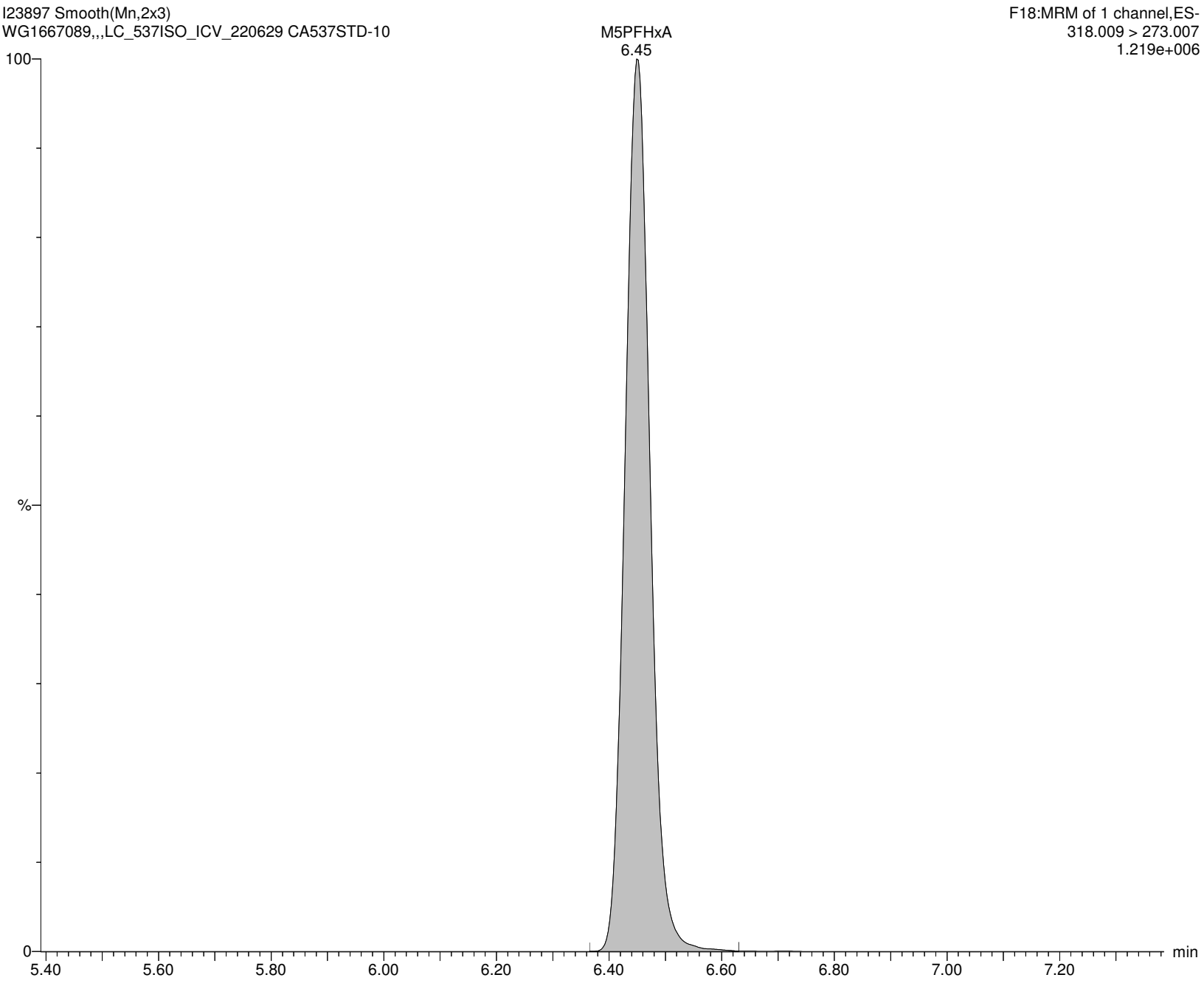


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M5PFHxA

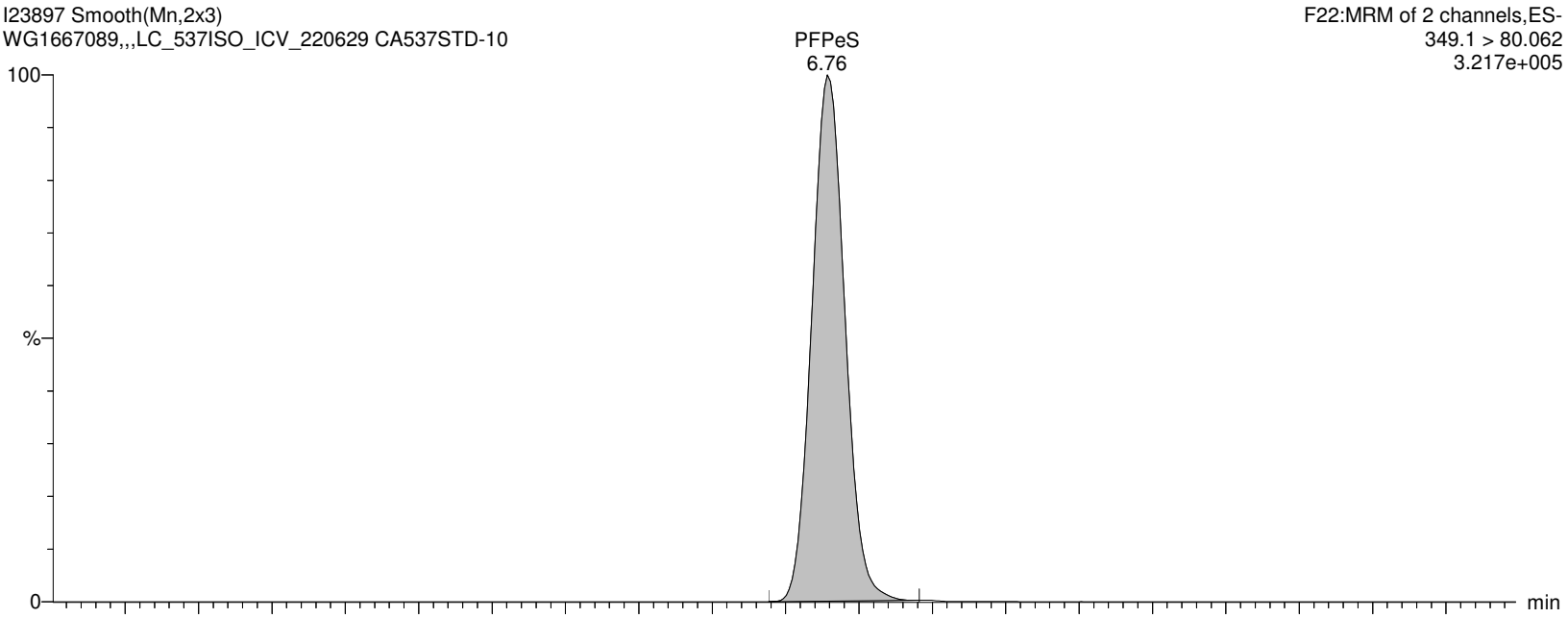


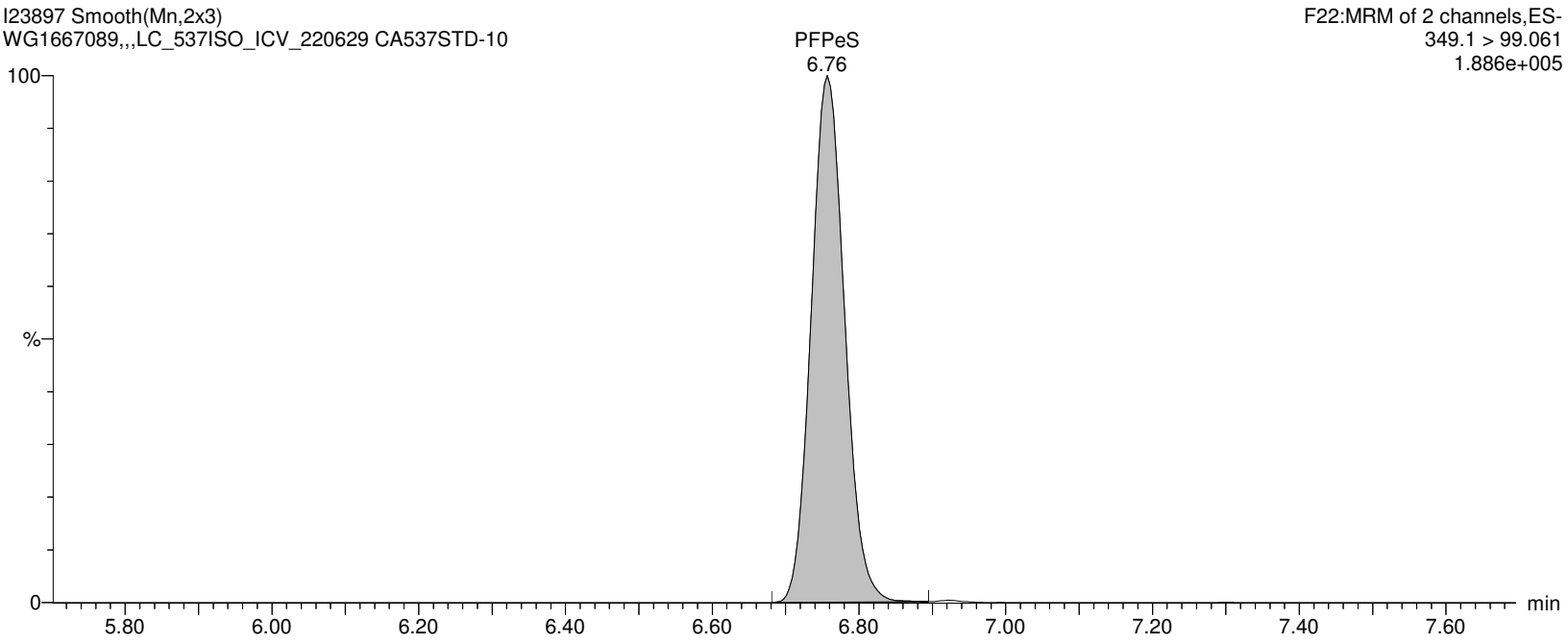
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFPeS



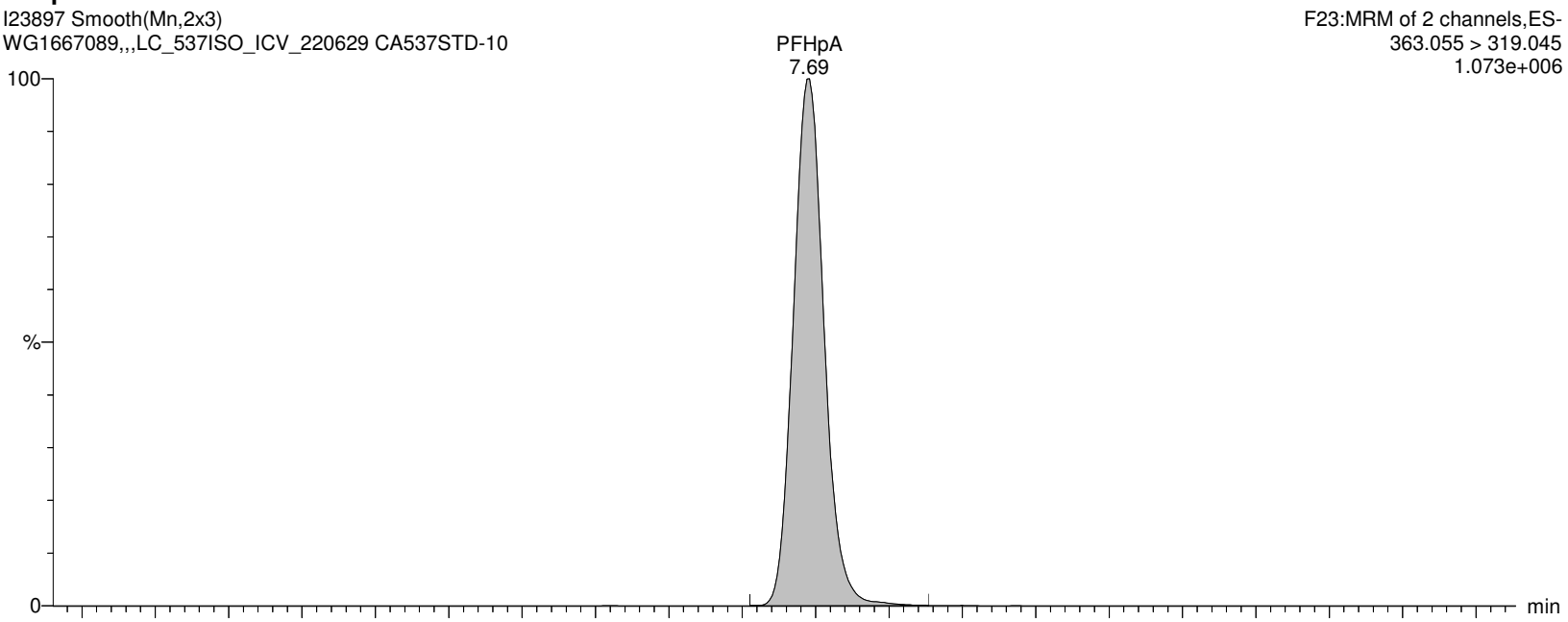


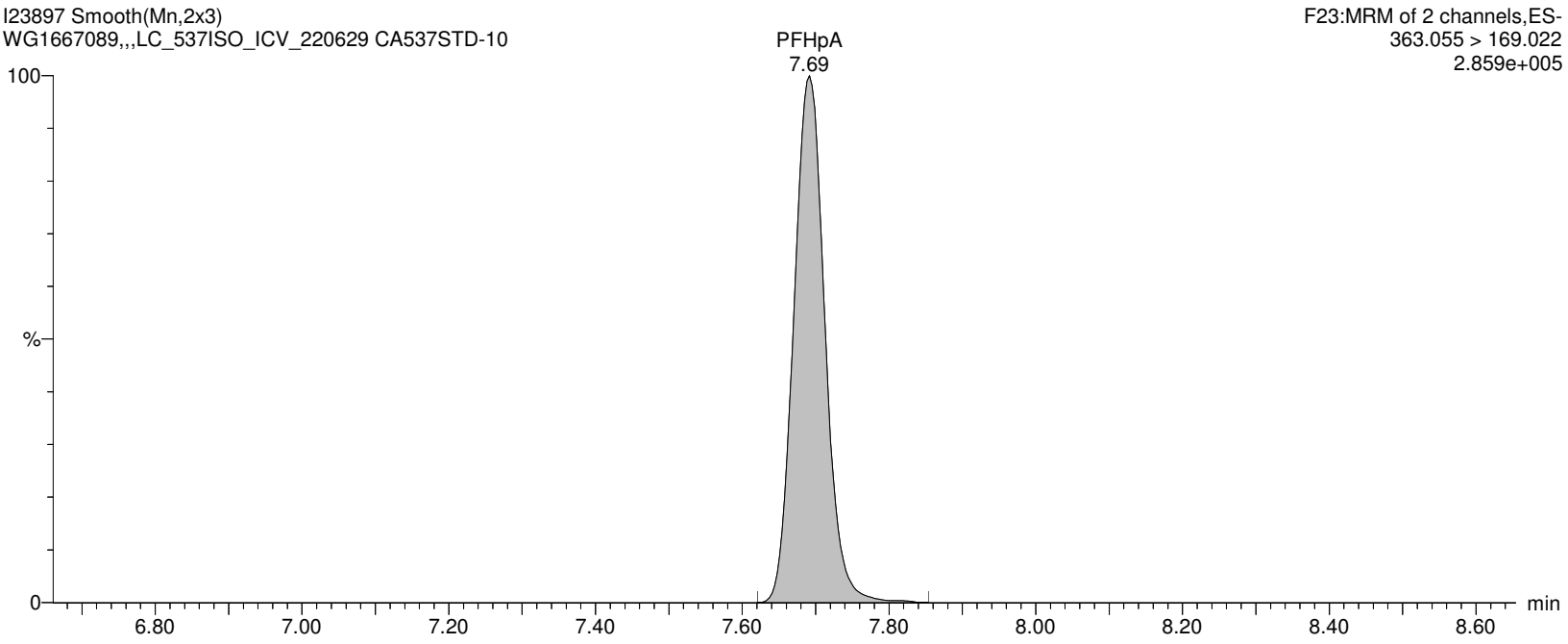
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFHpA



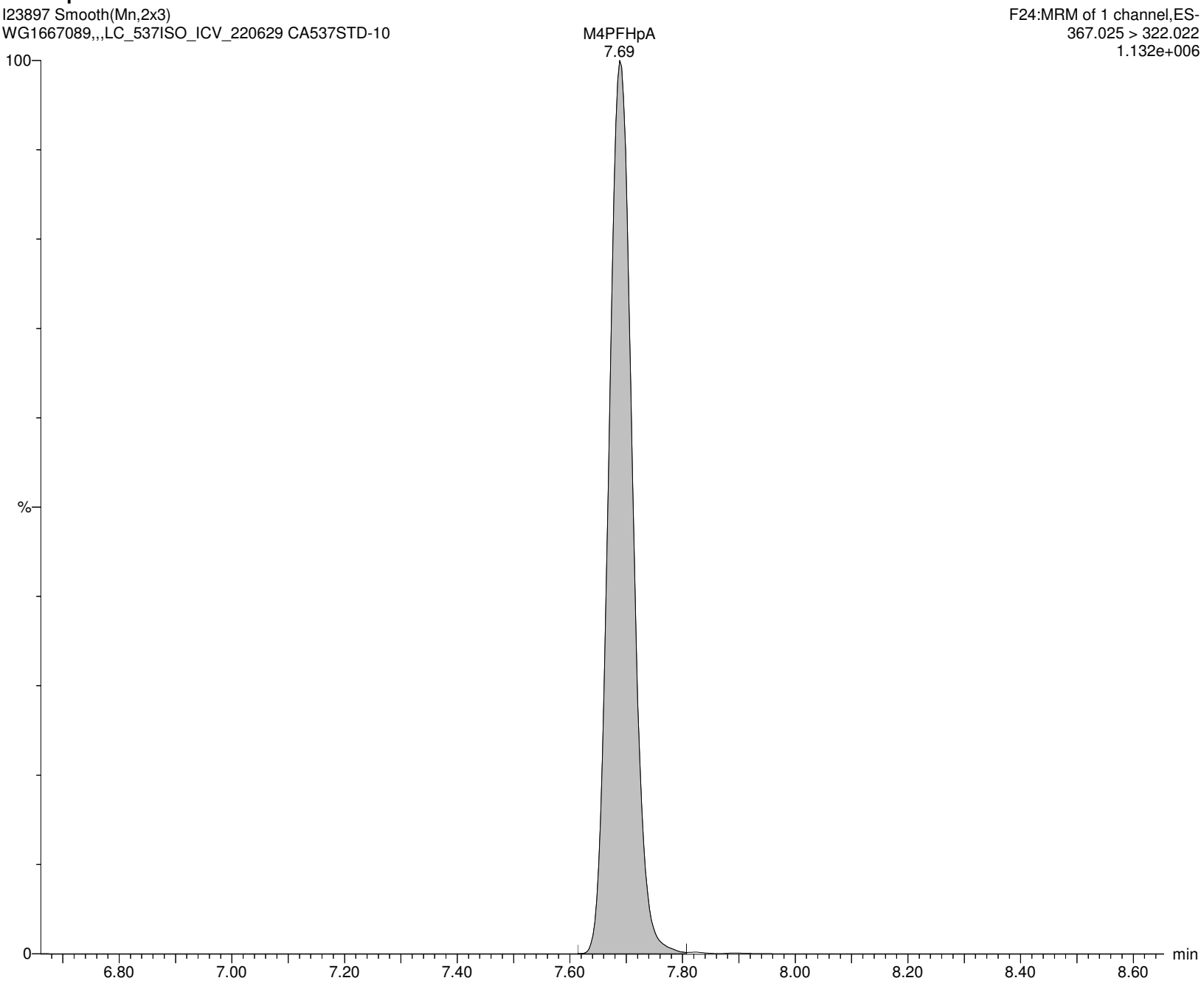


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M4PFHpA

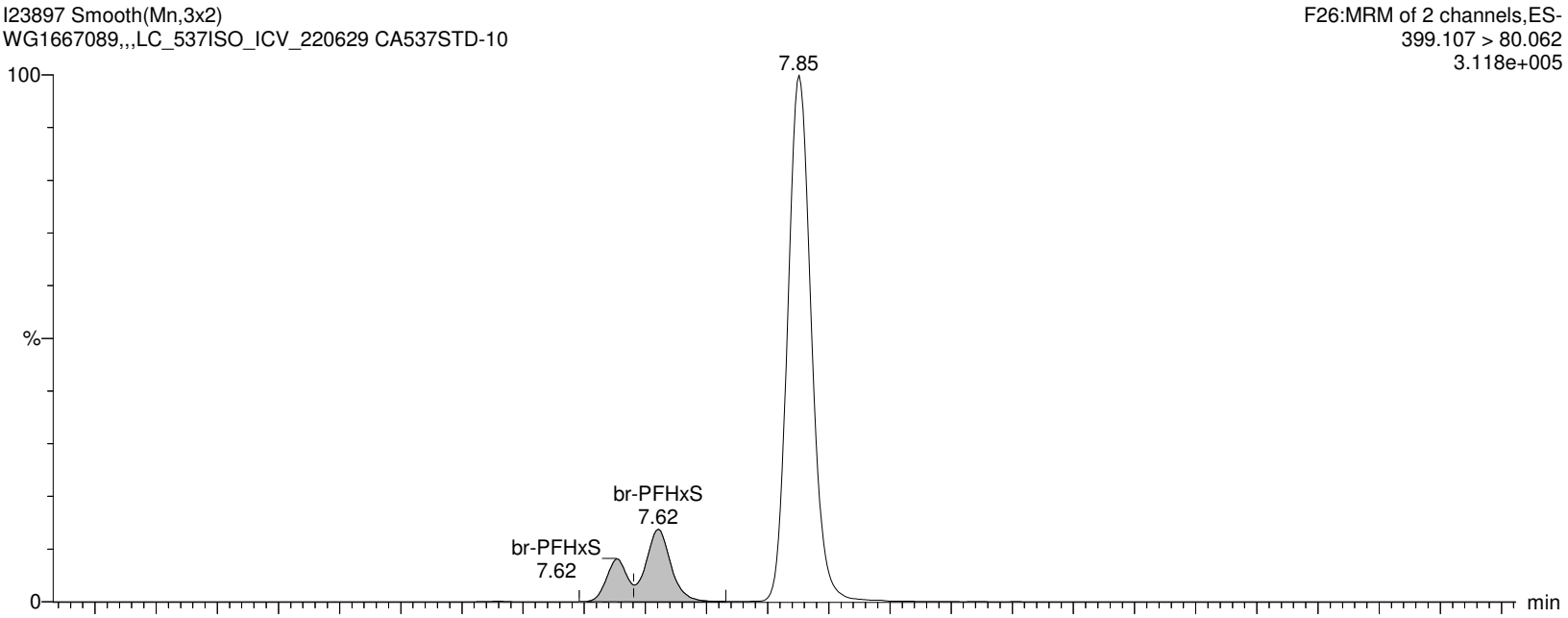


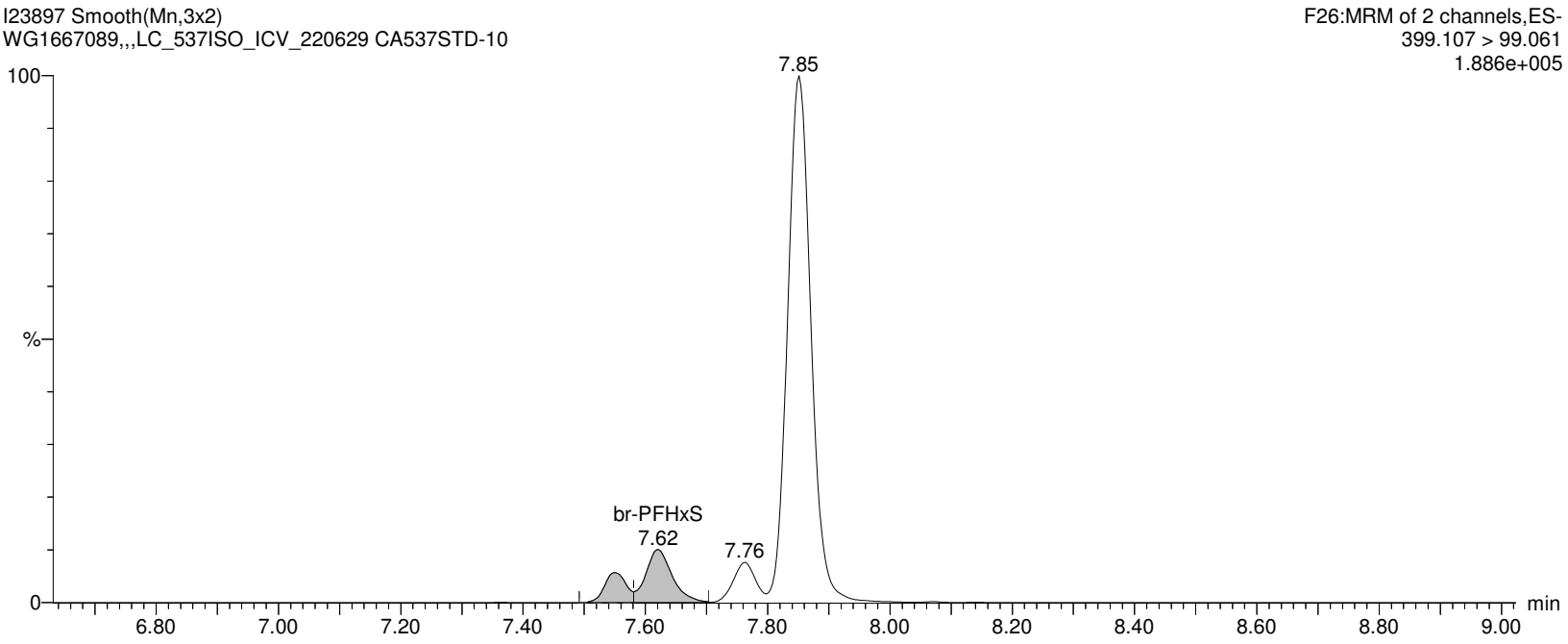
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

br-PFHxS



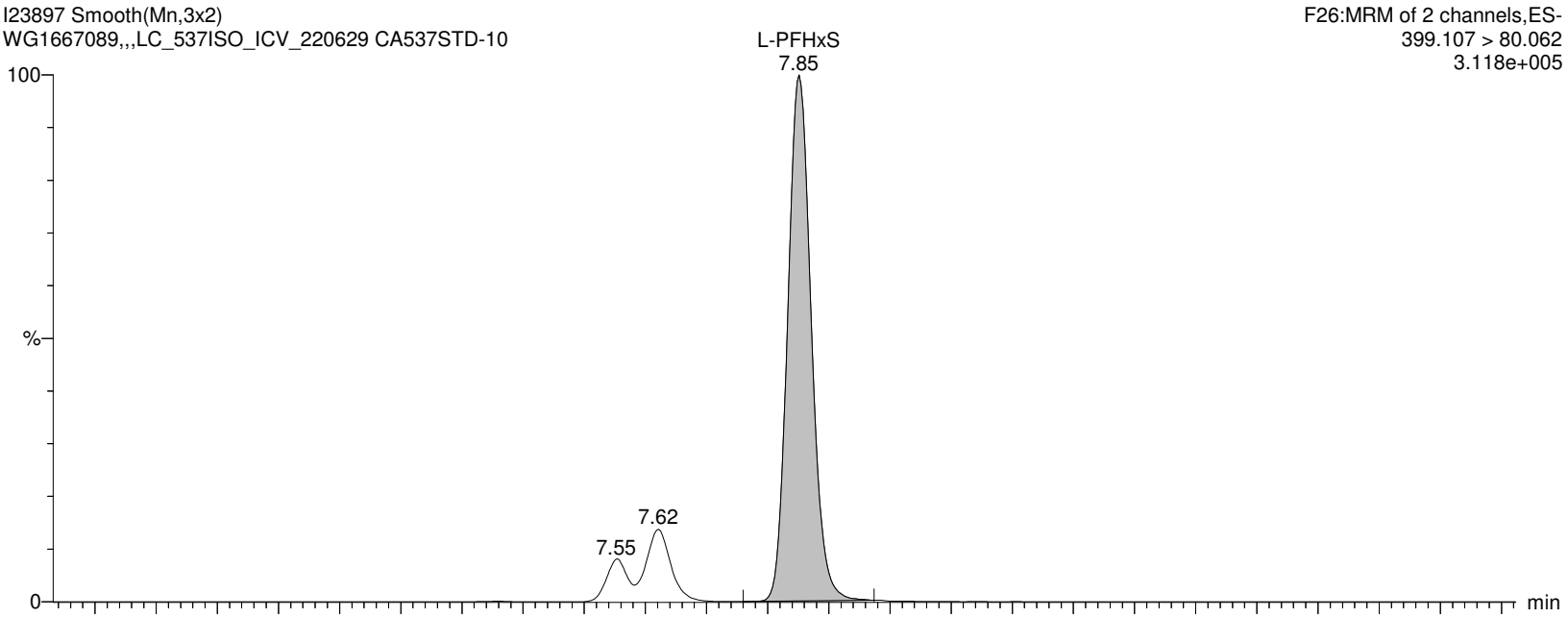


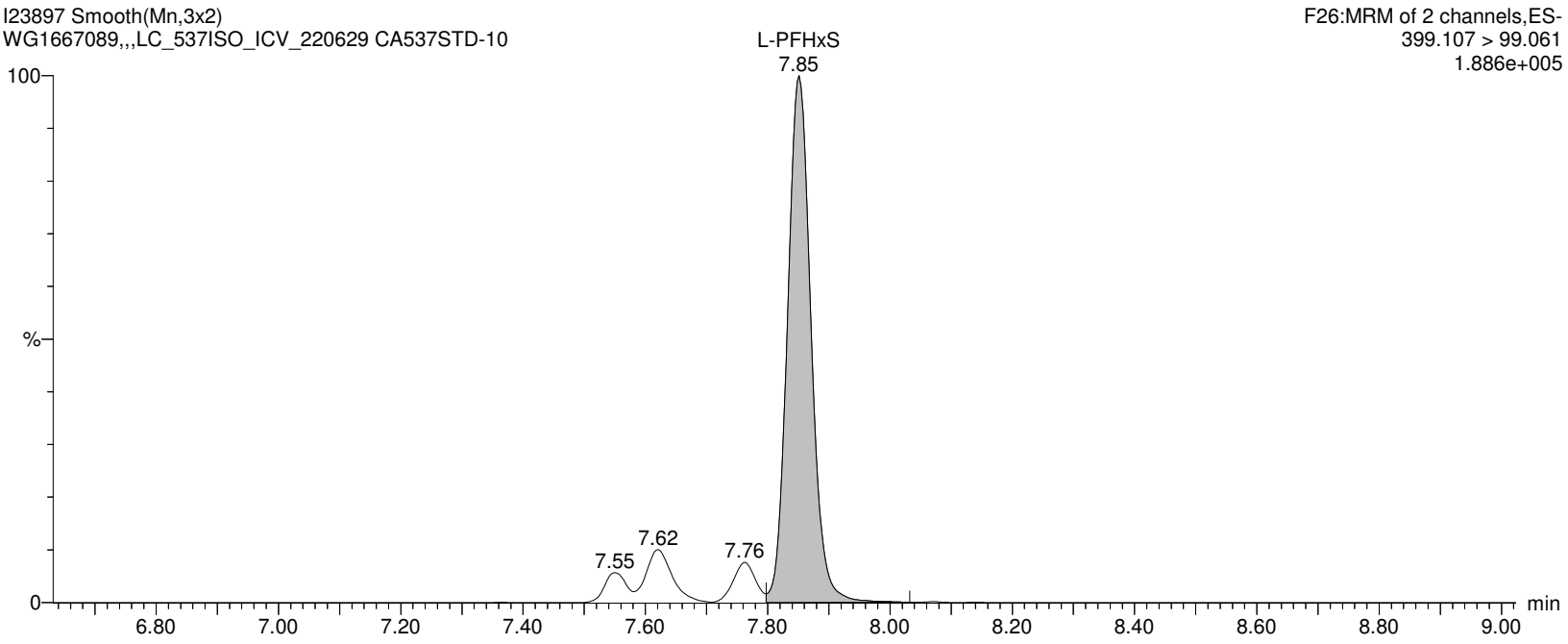
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

L-PFHxS



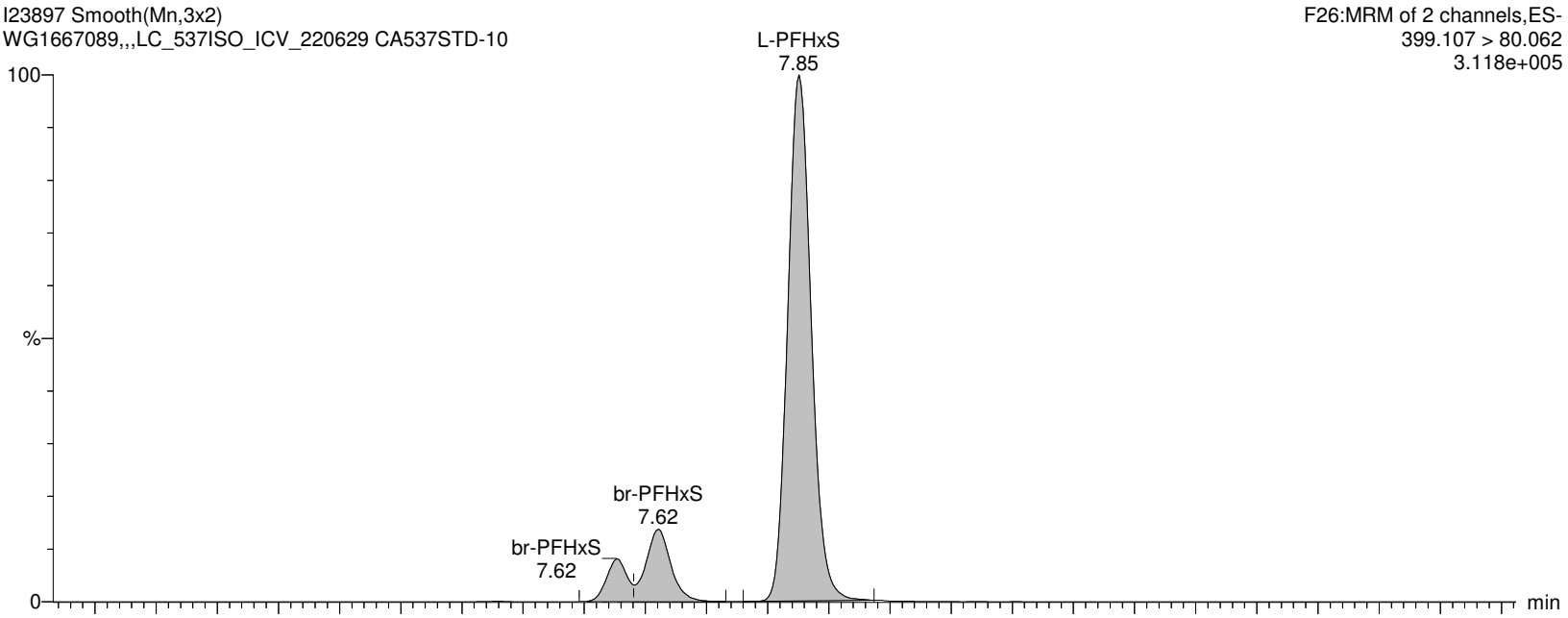


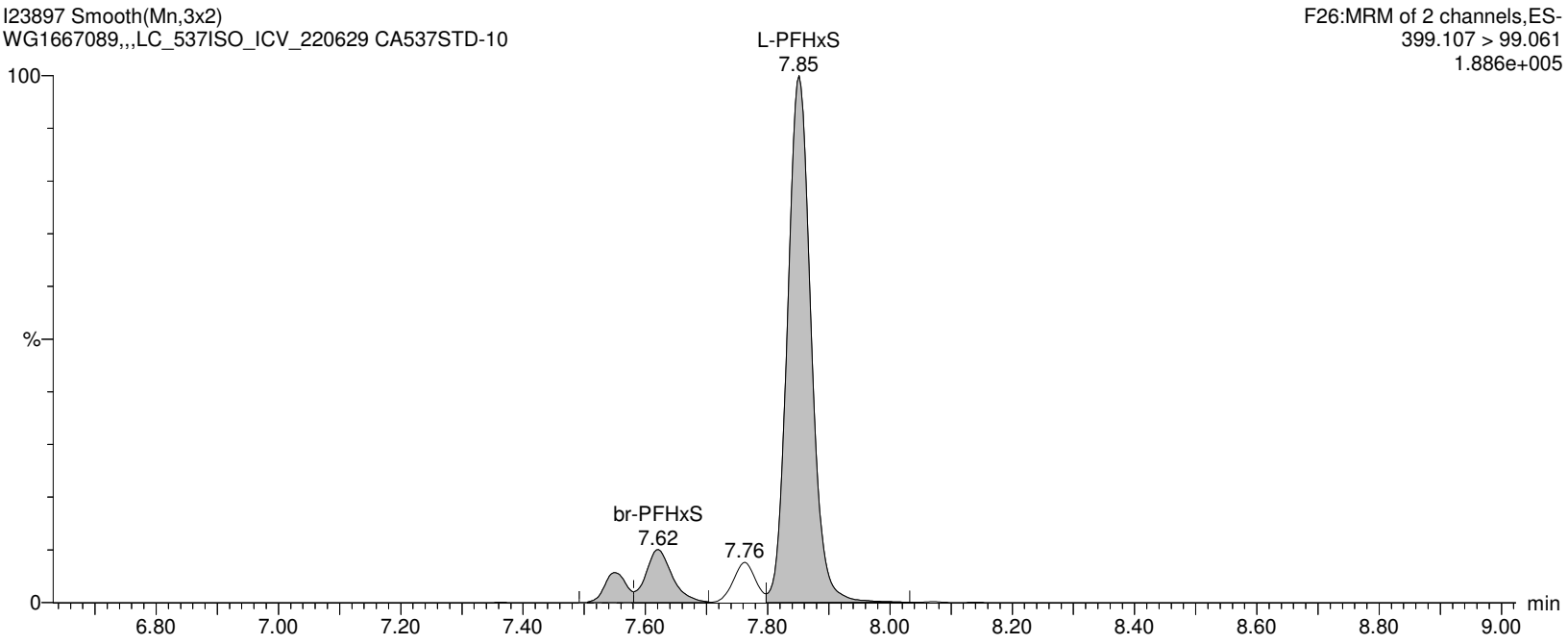
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFHxS



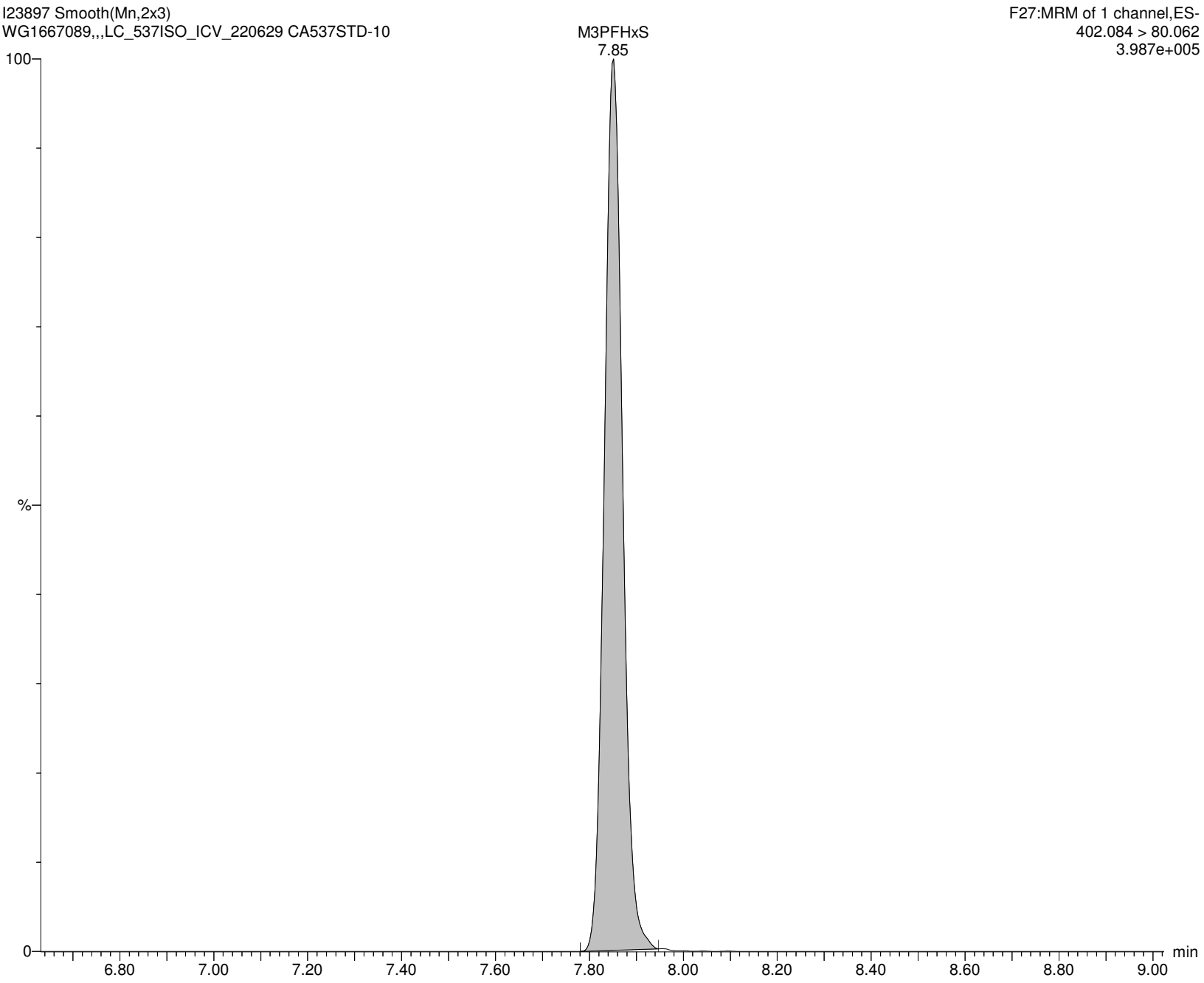


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M3PFHxS

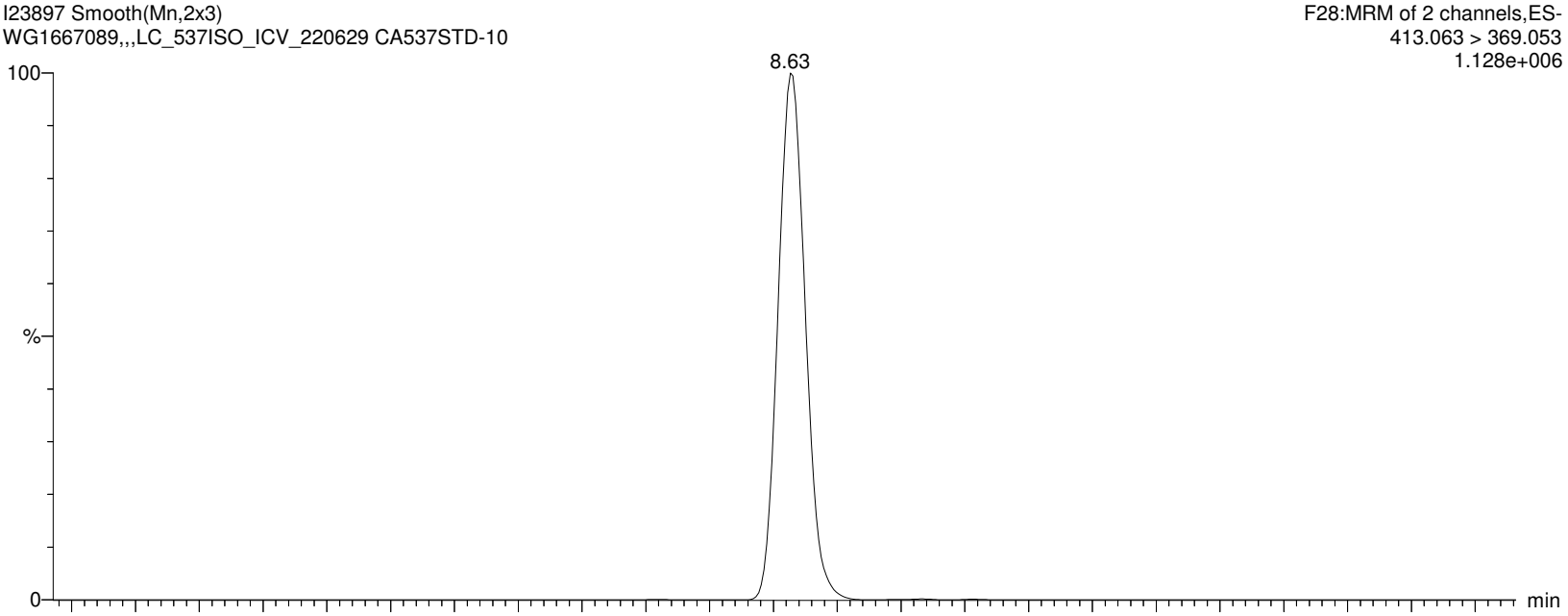


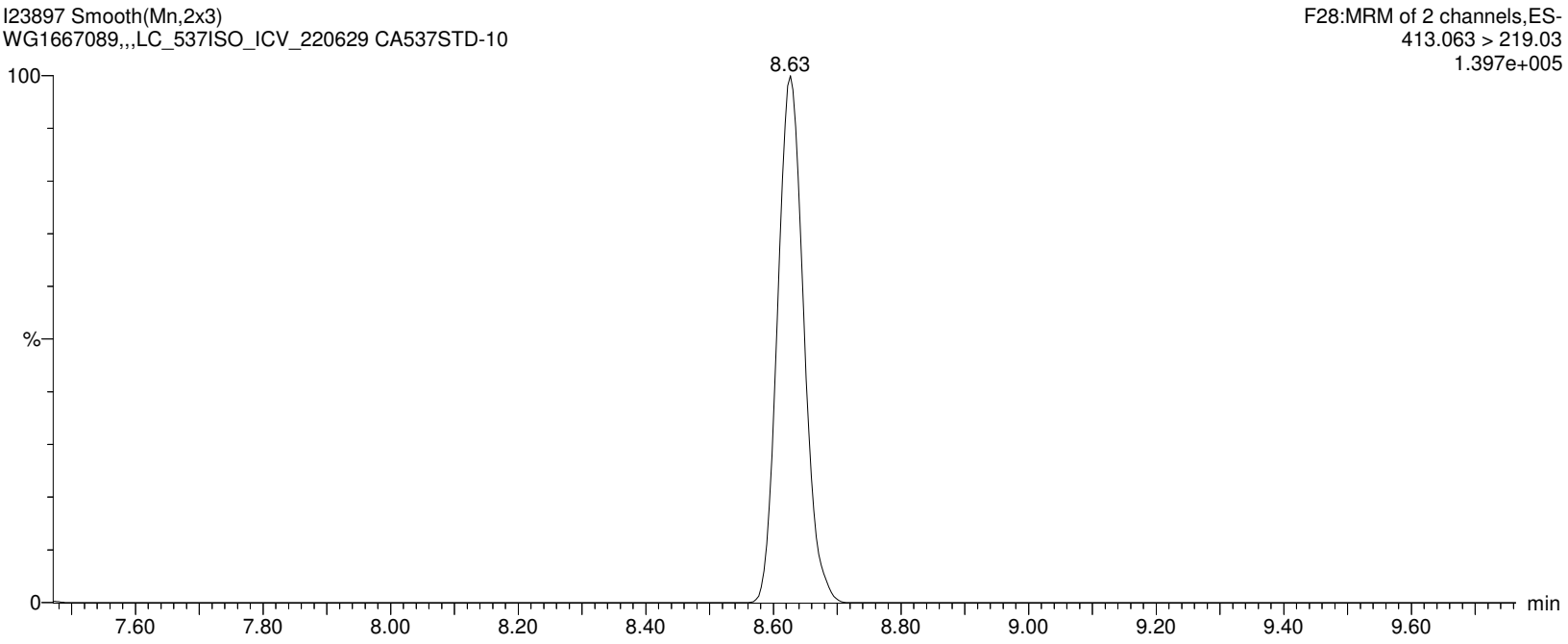
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

br-PFOA



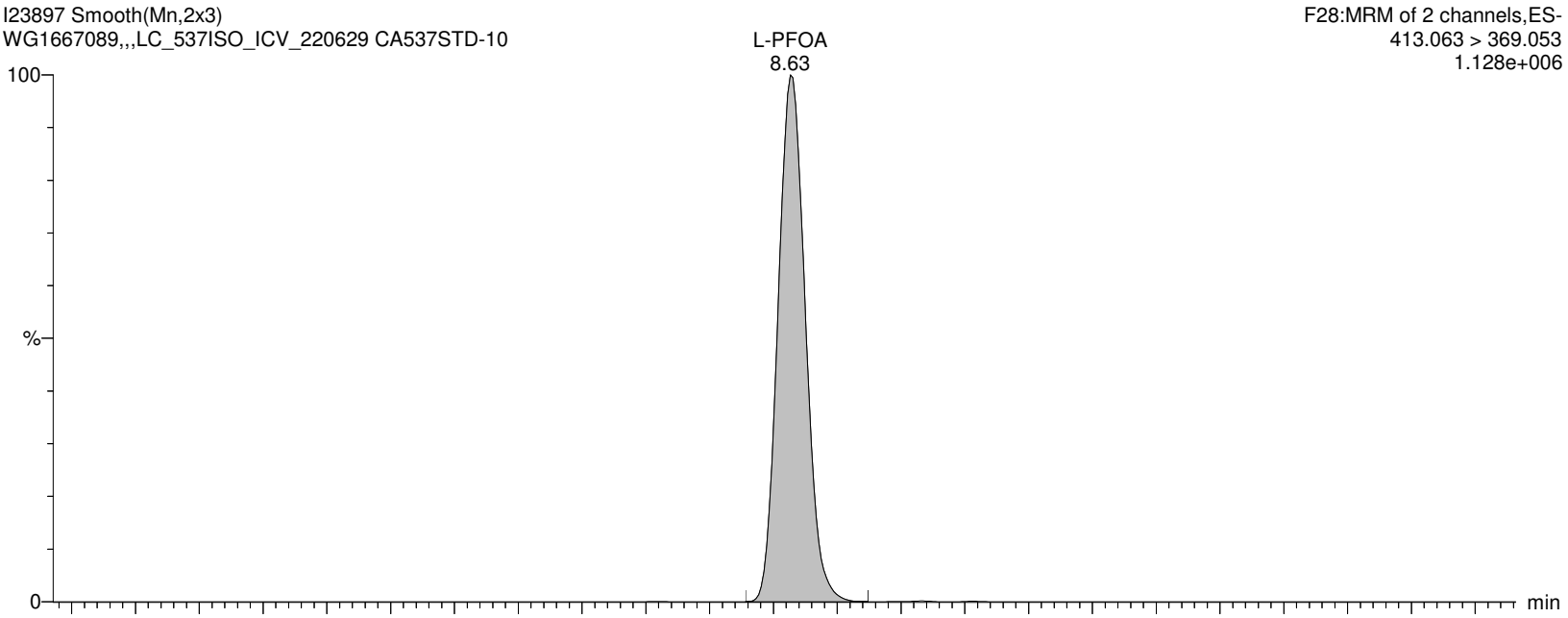


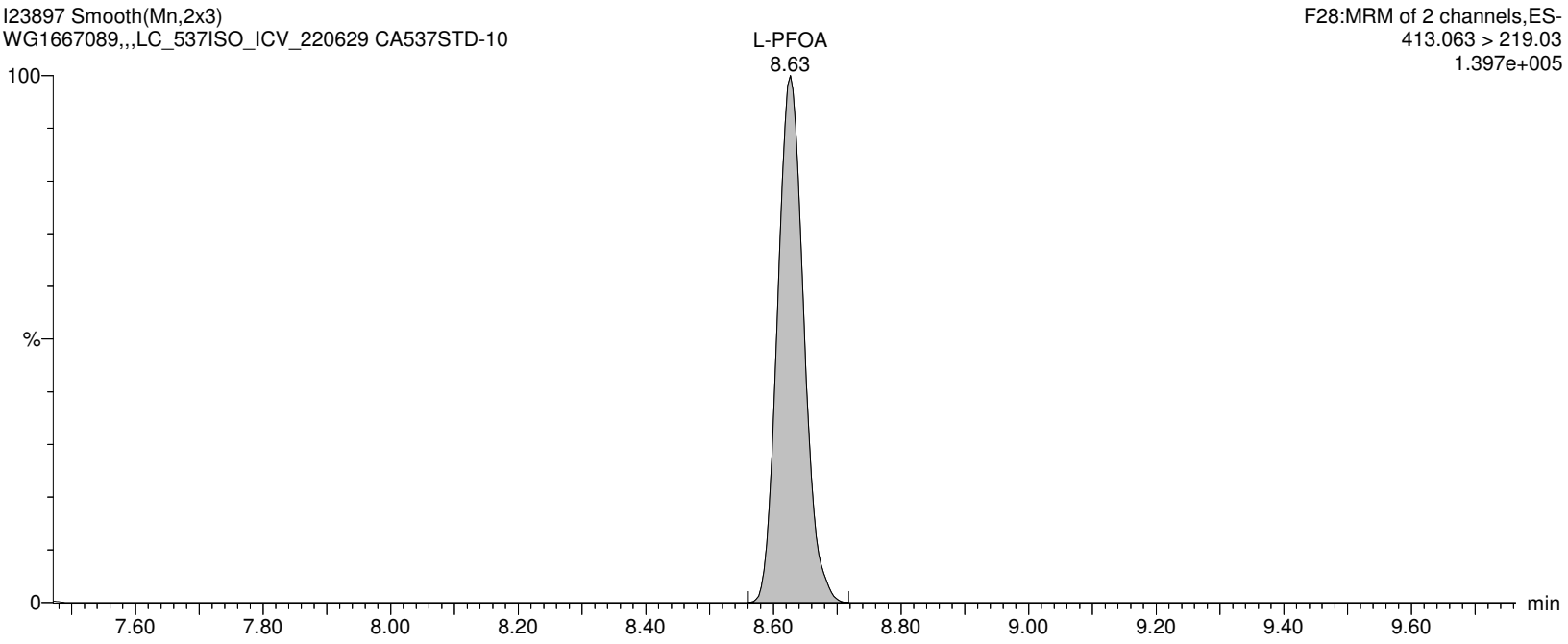
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

L-PFOA



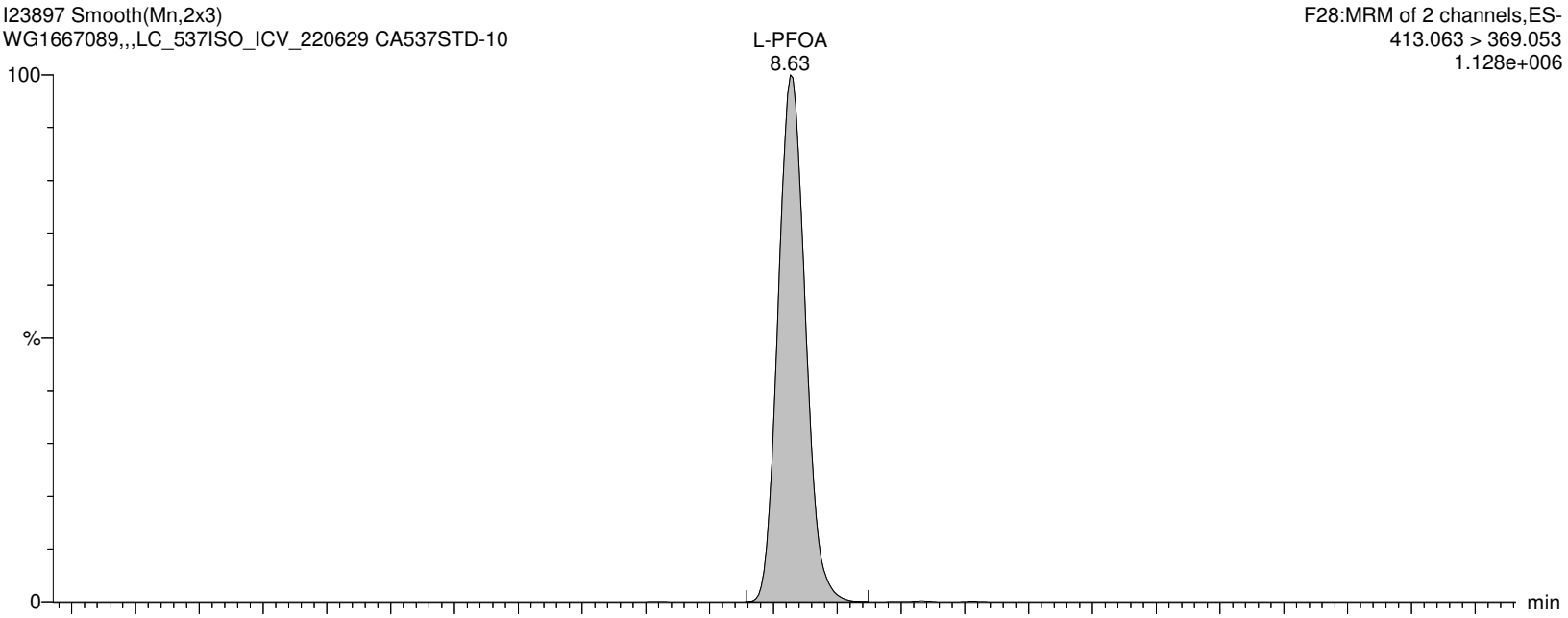


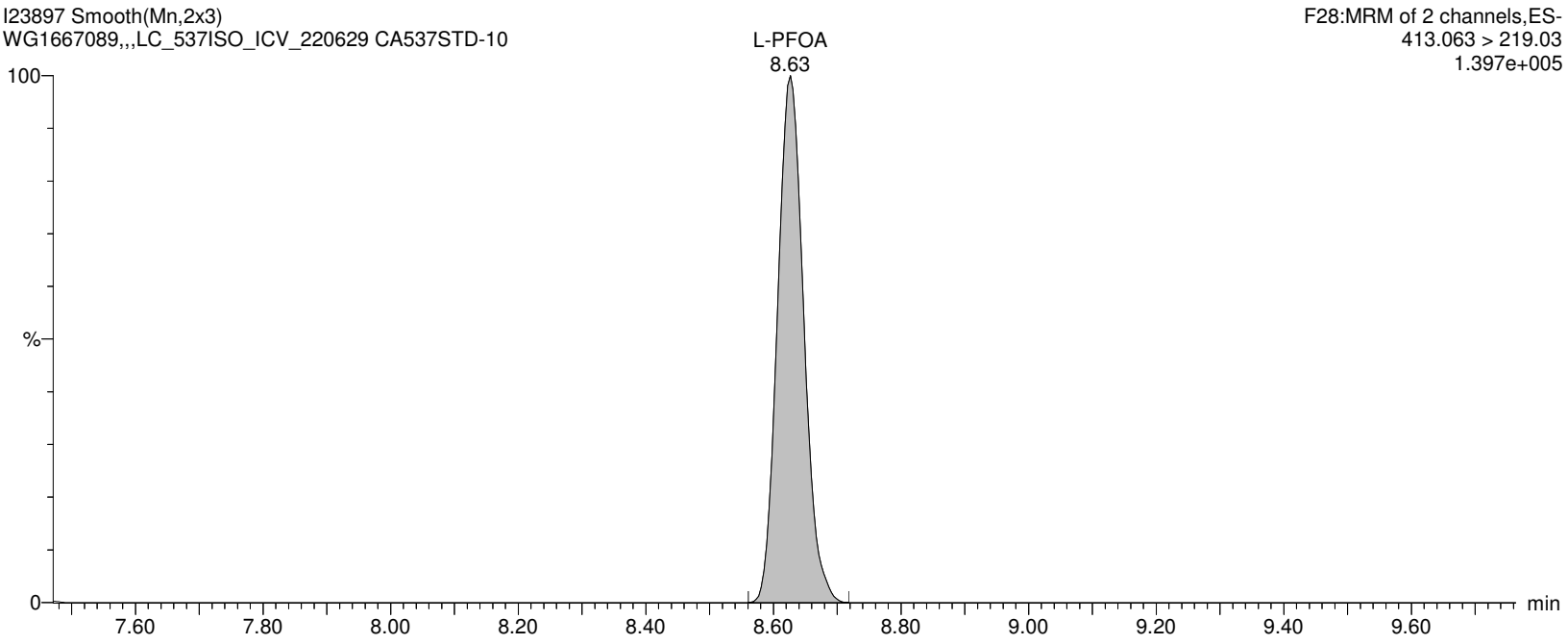
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFOA



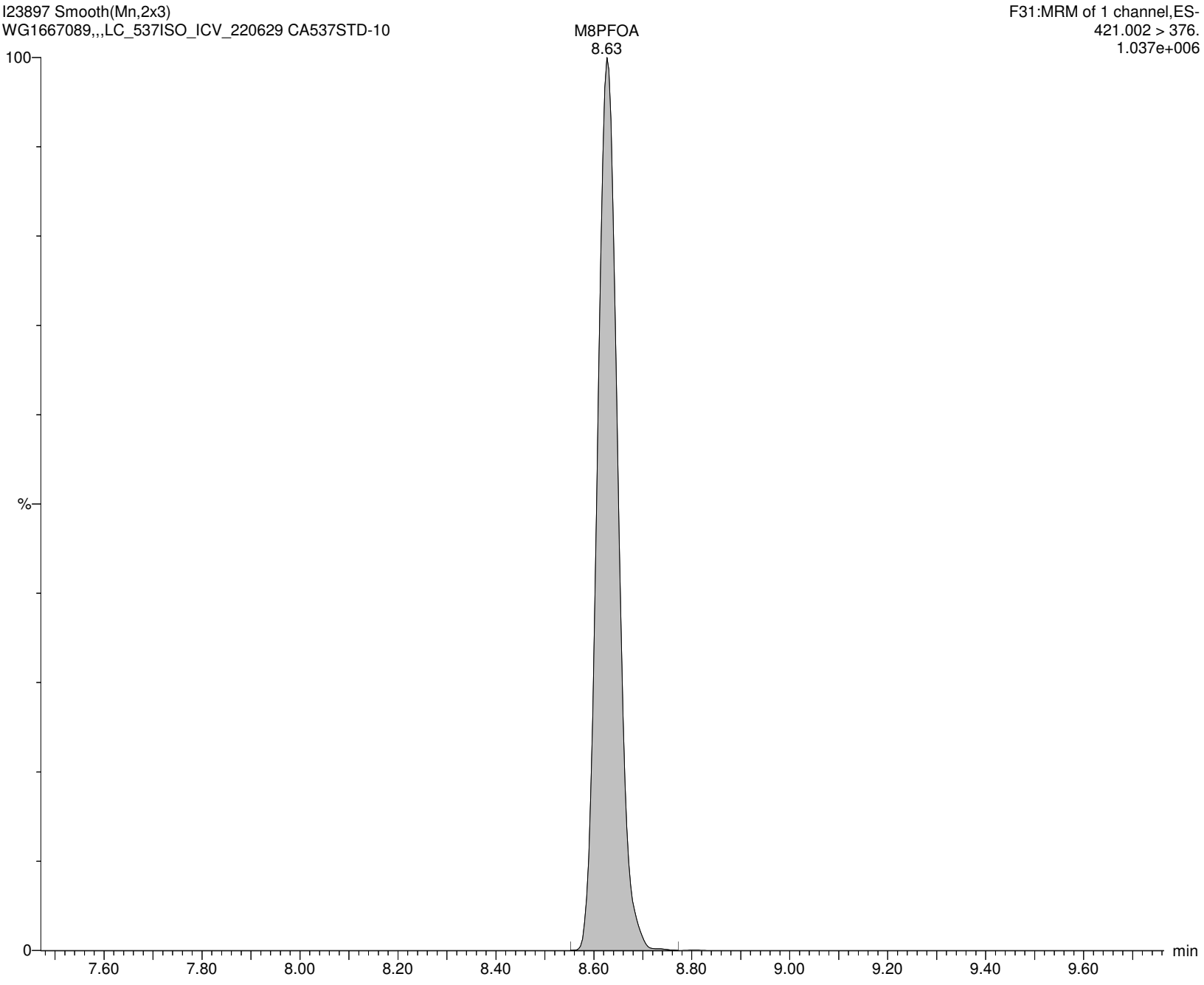


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M8PFOA

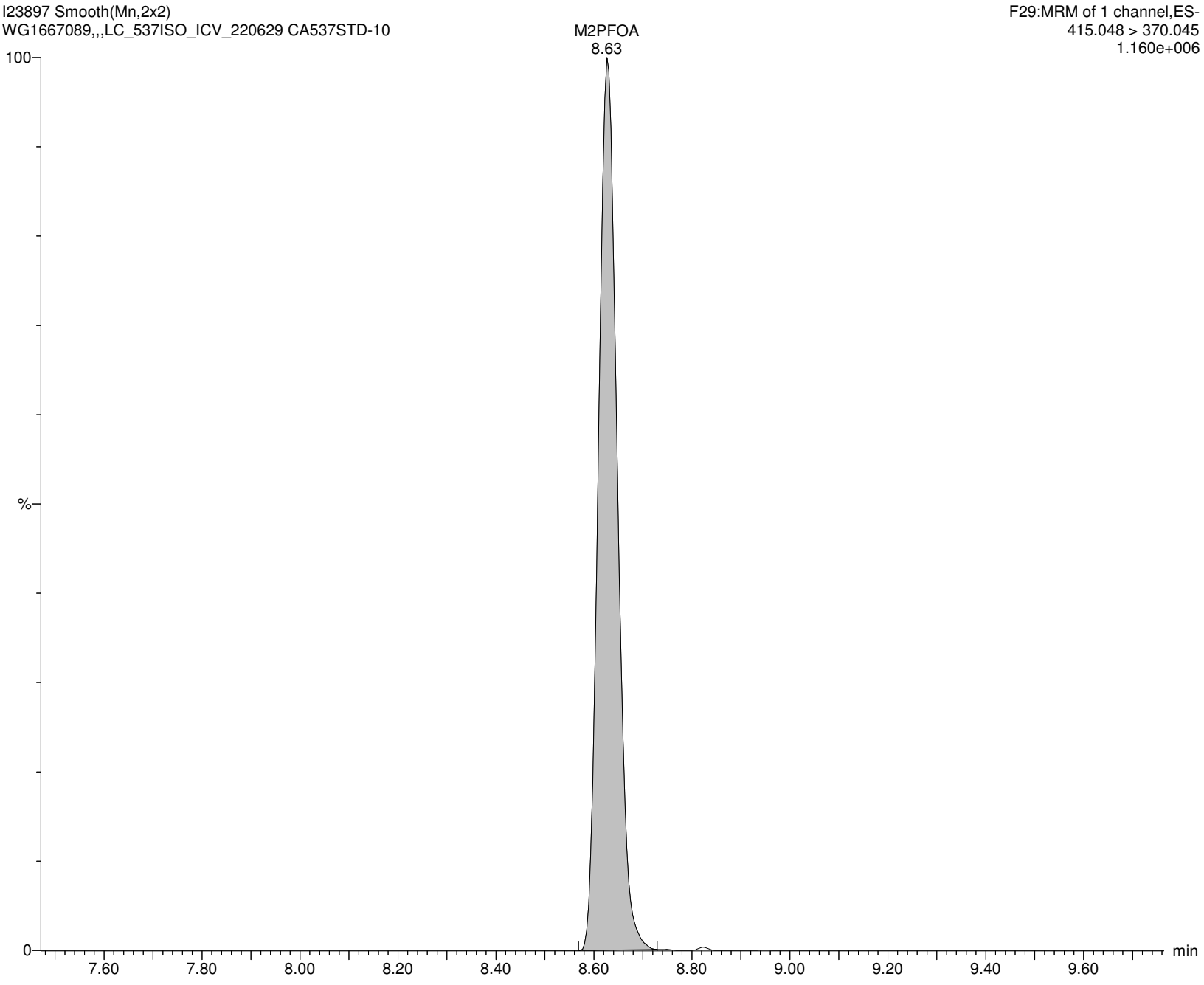


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2PFOA

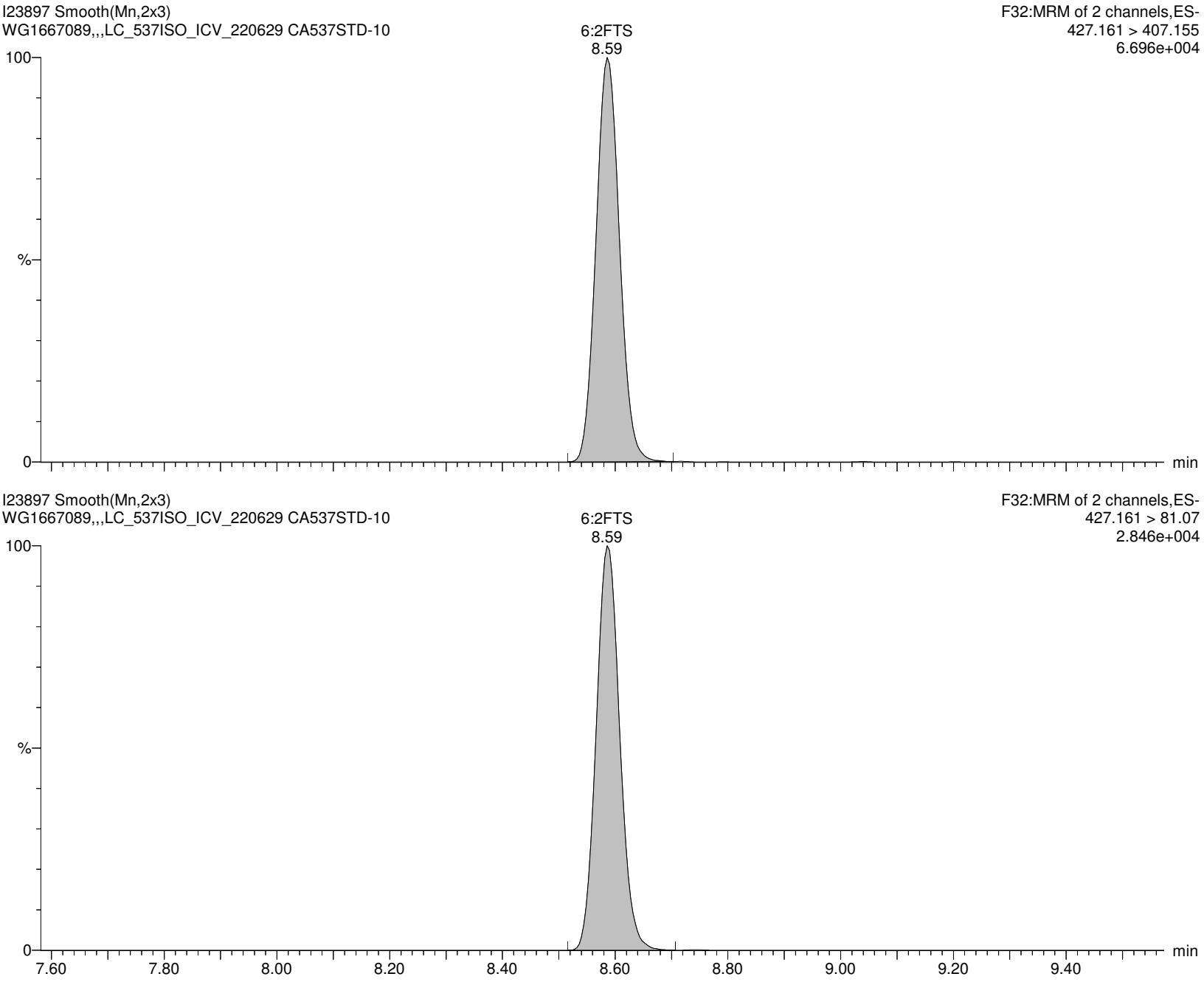


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

6:2FTS

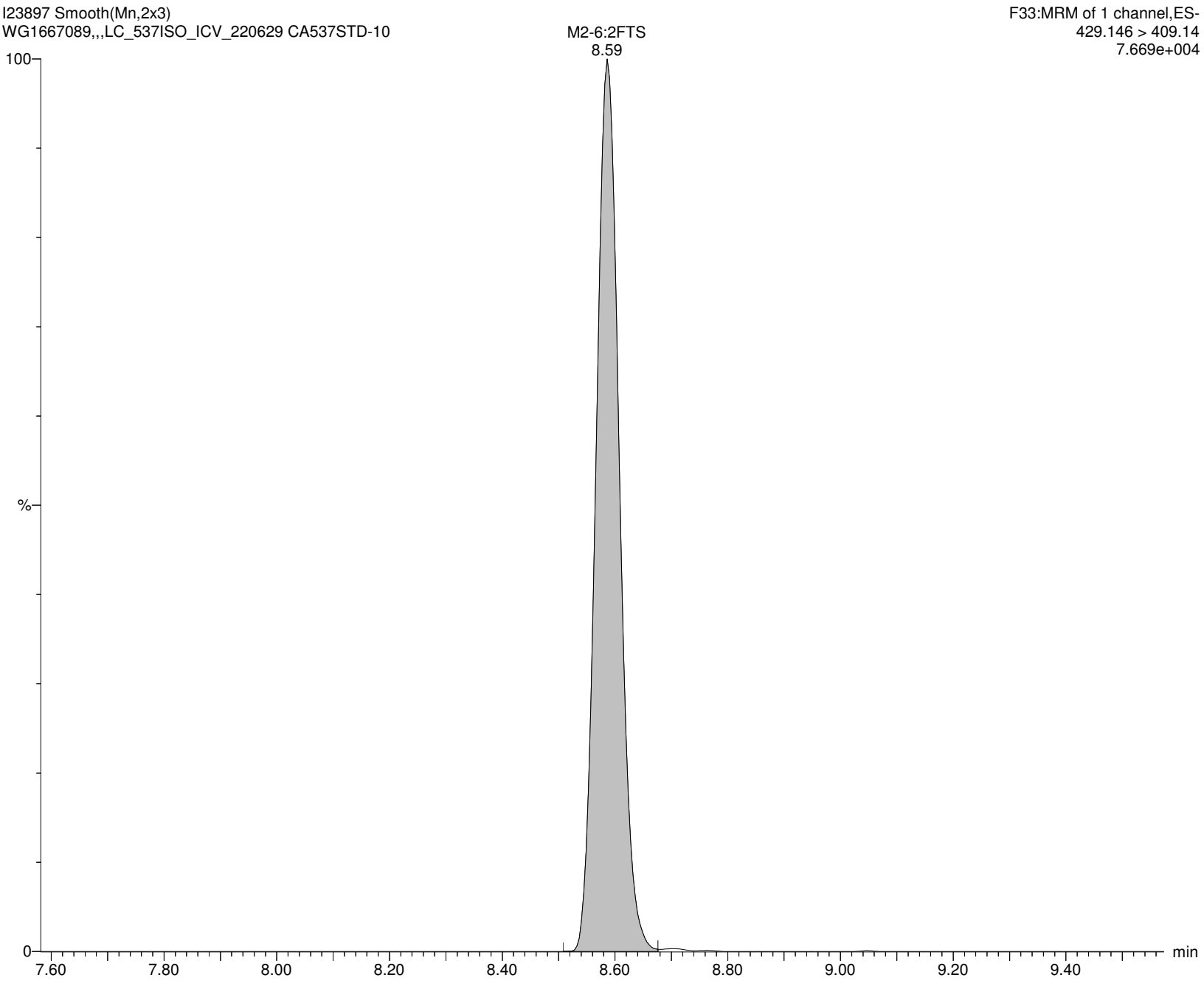


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2-6:2FTS

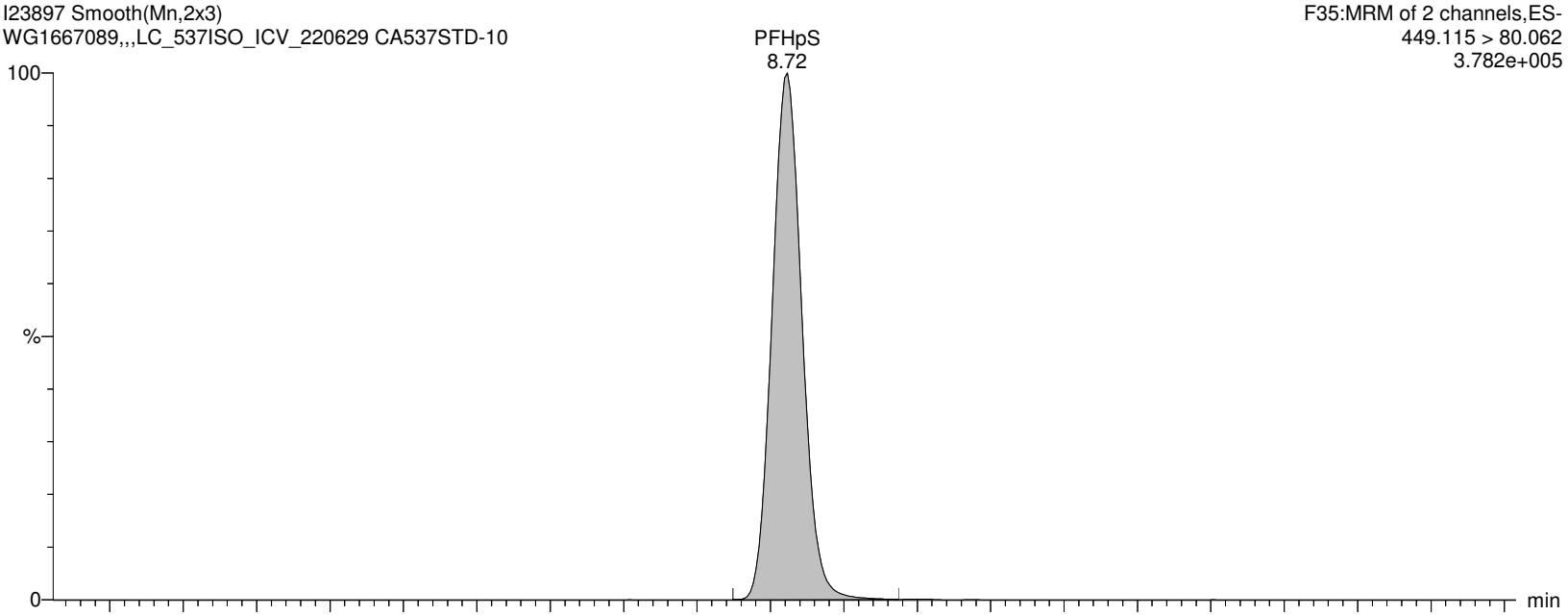


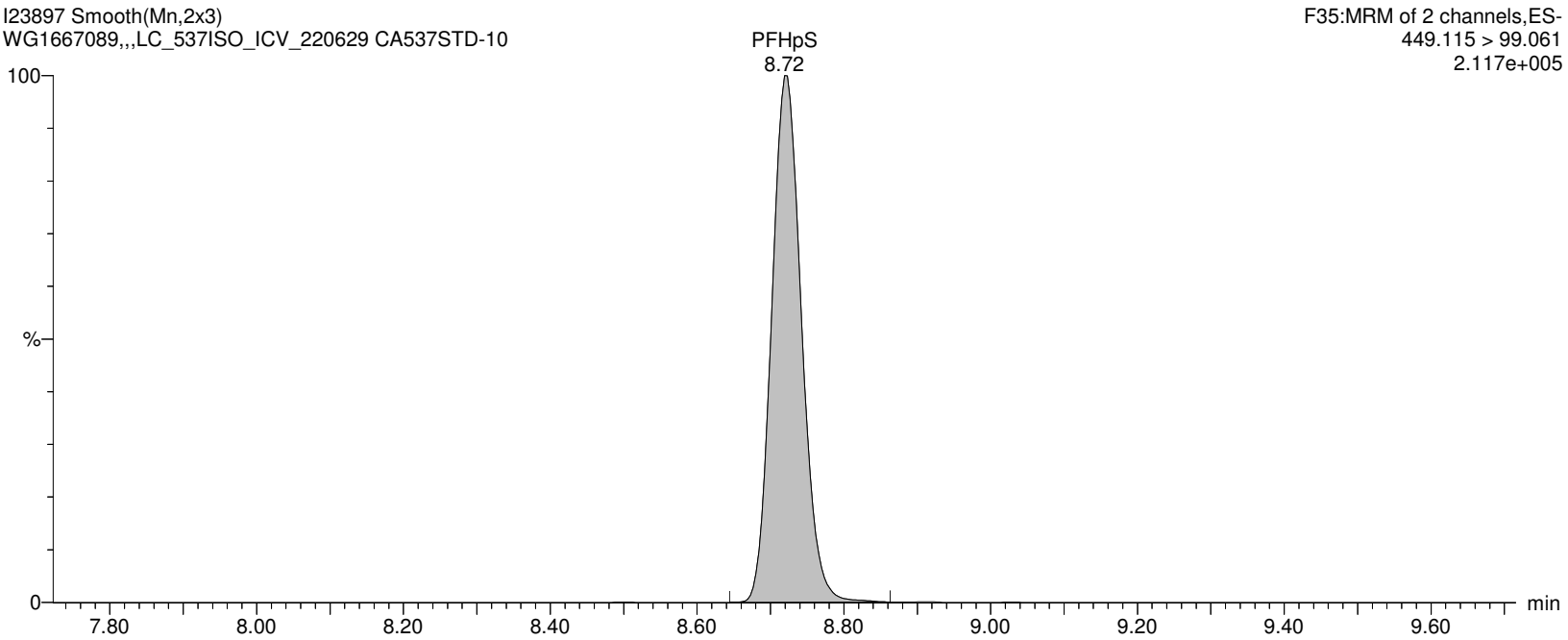
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFHpS



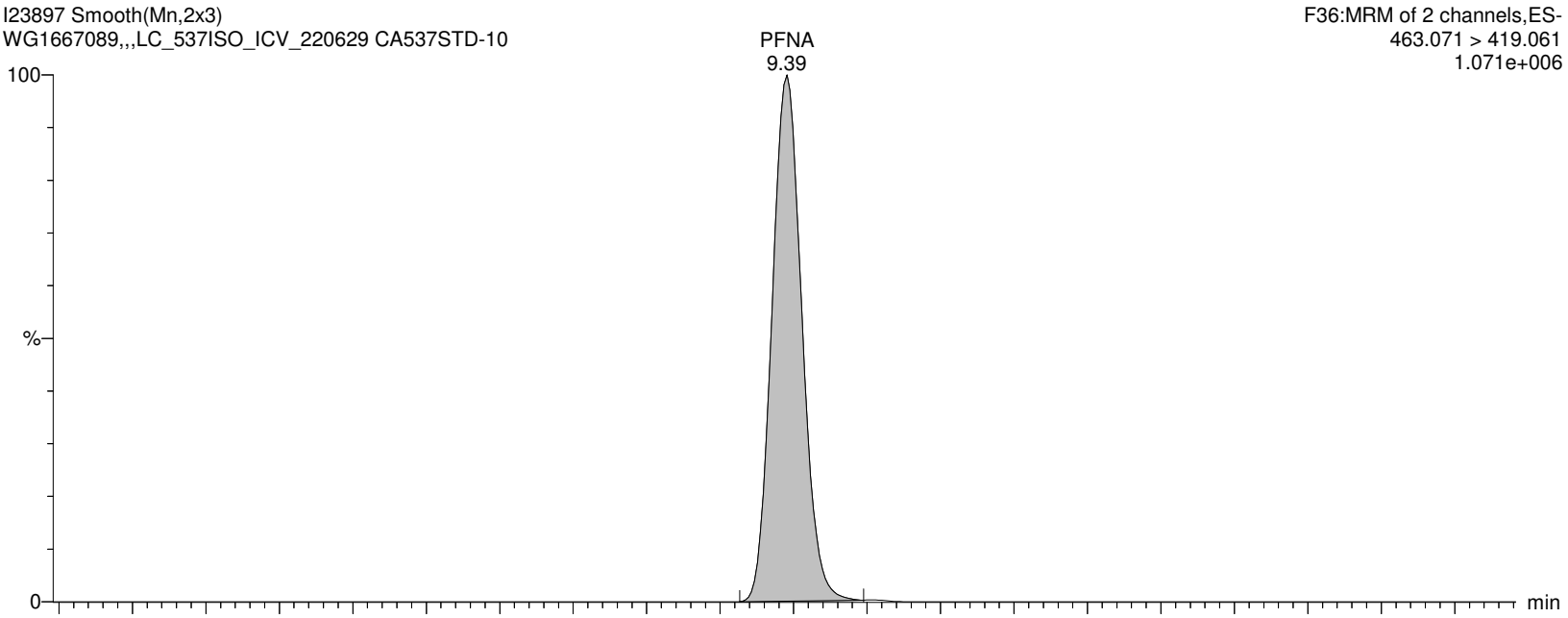


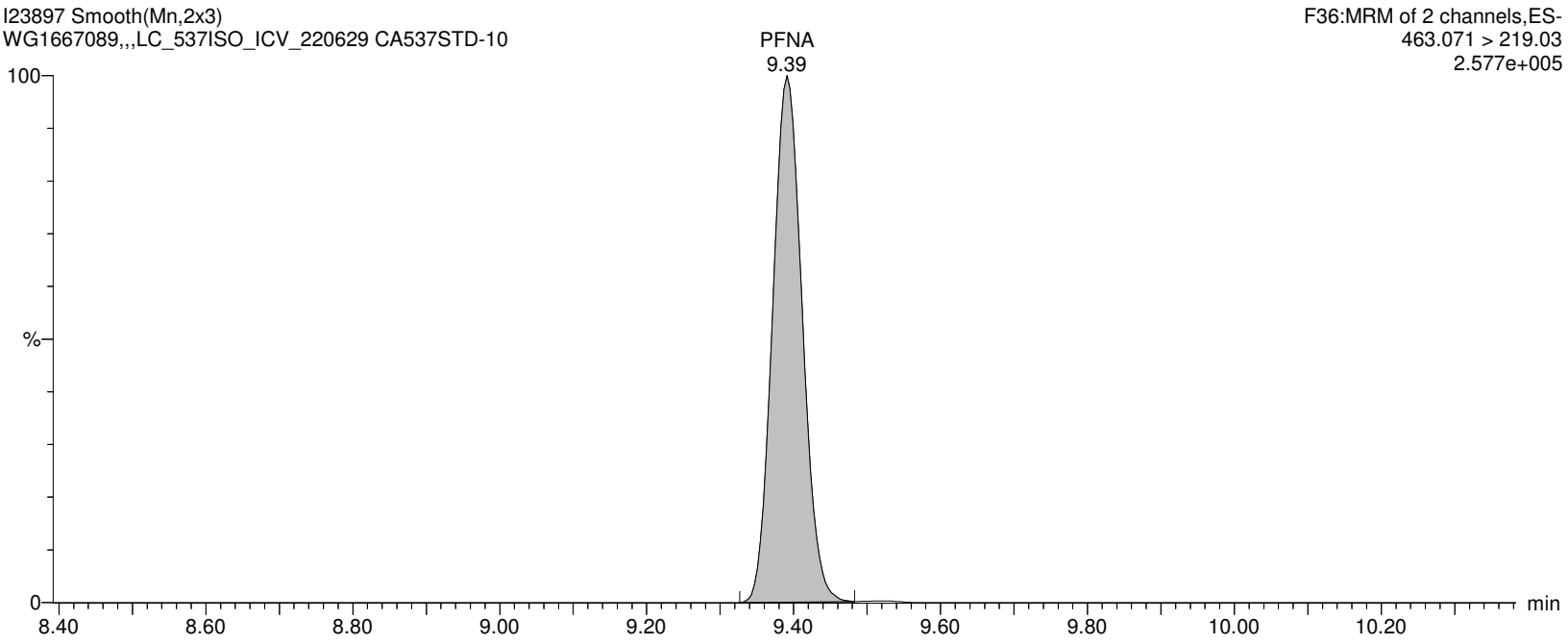
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFNA



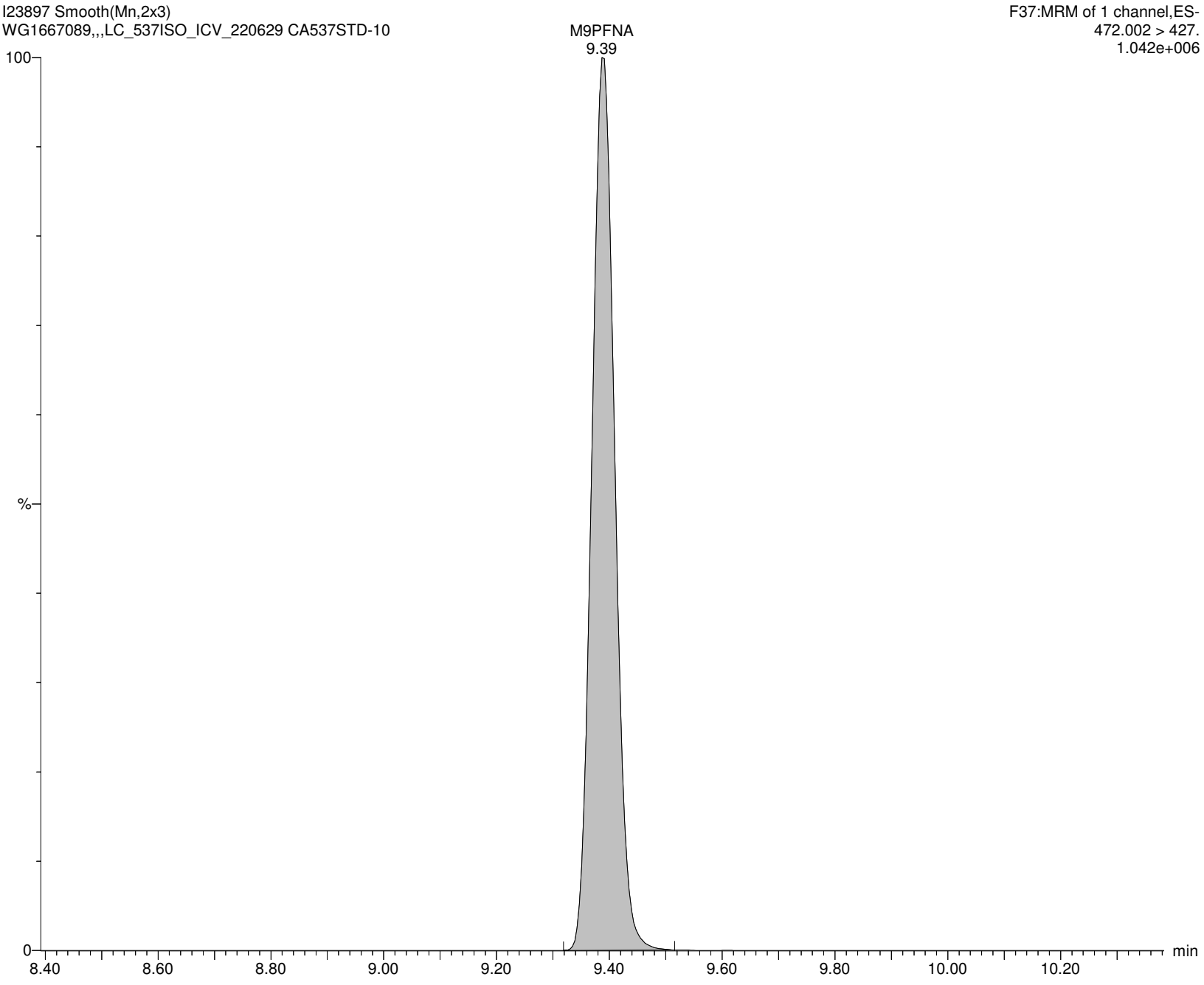


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M9PFNA

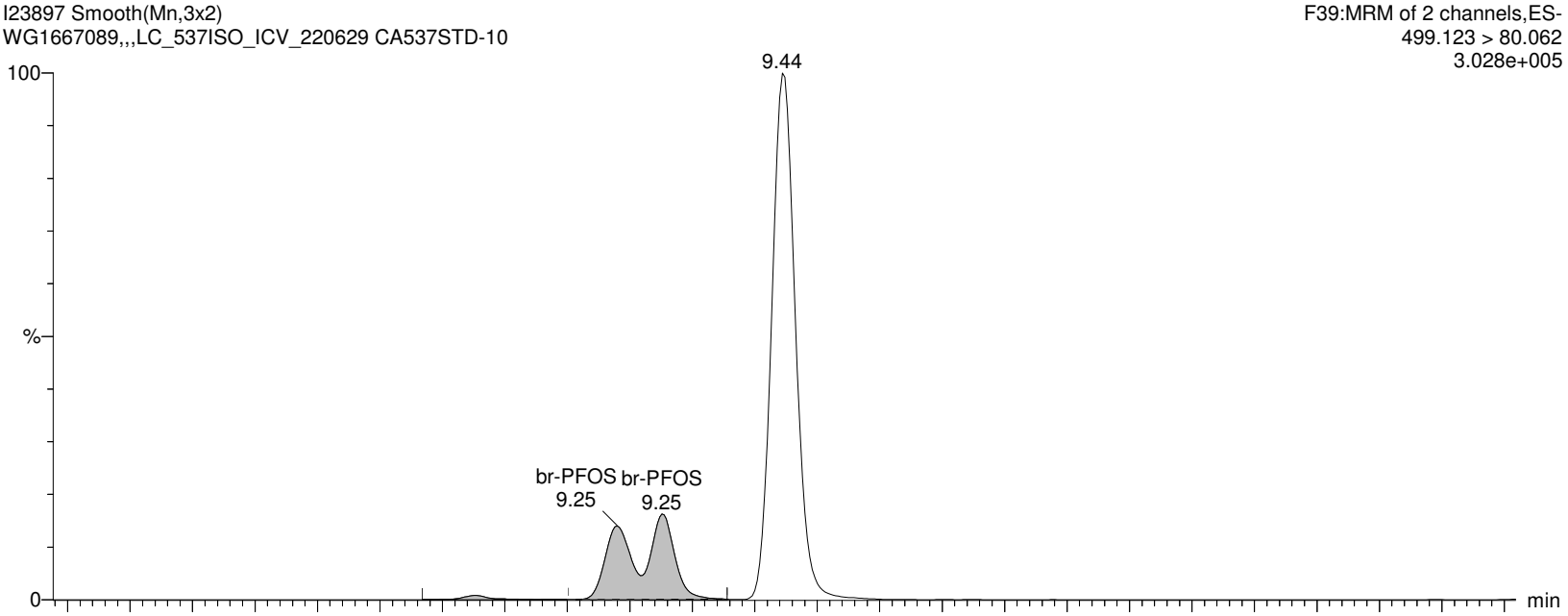


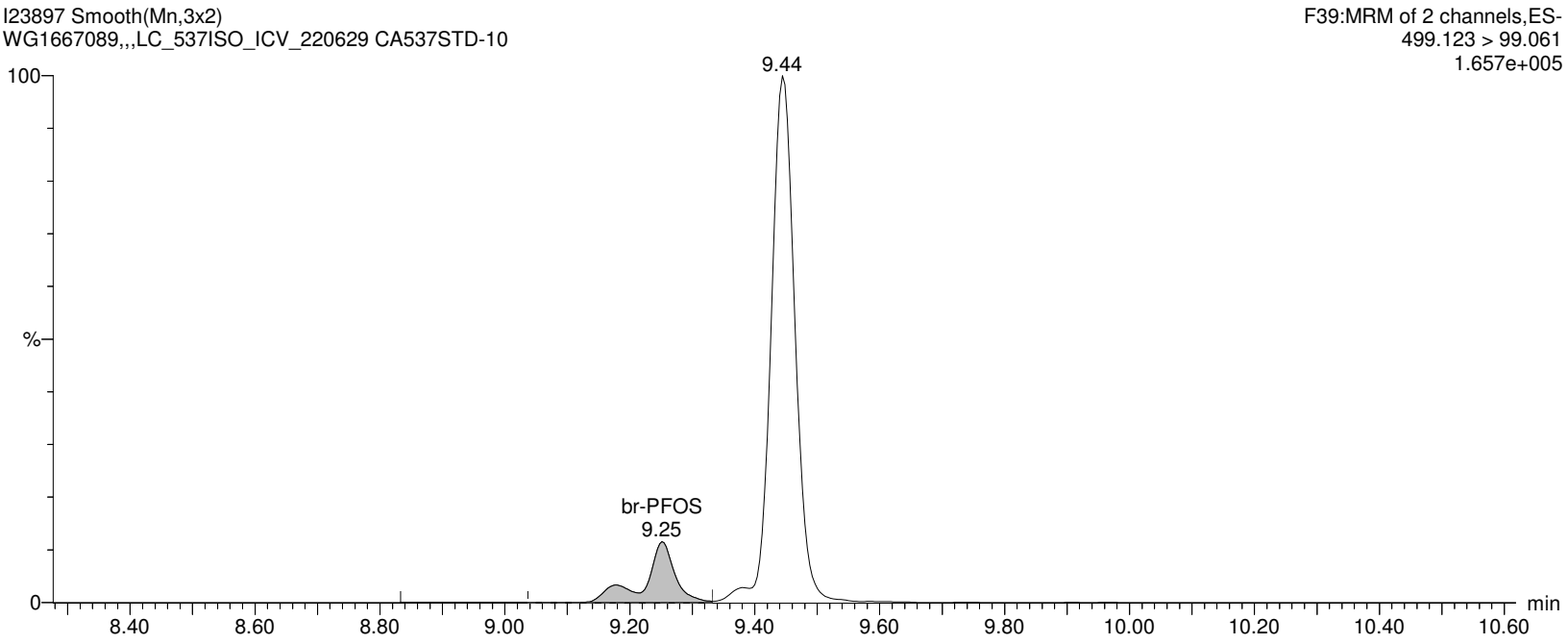
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

br-PFOS



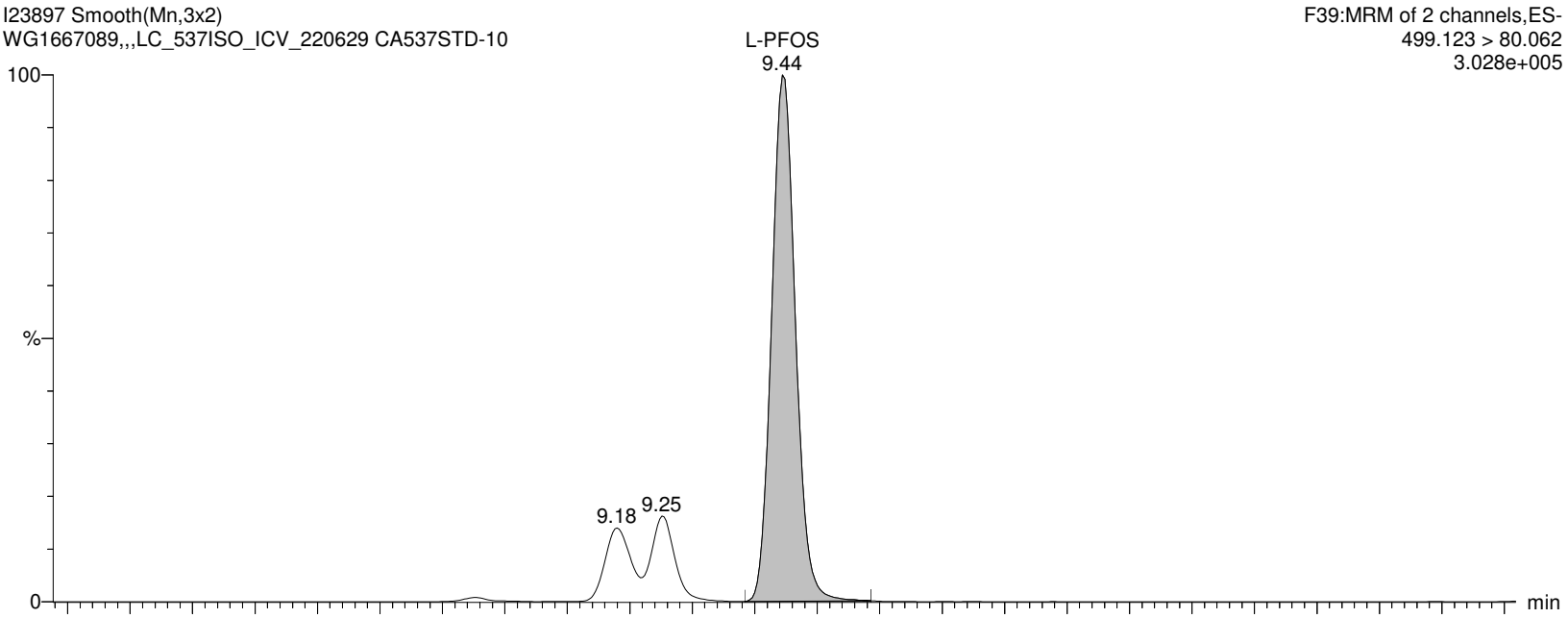


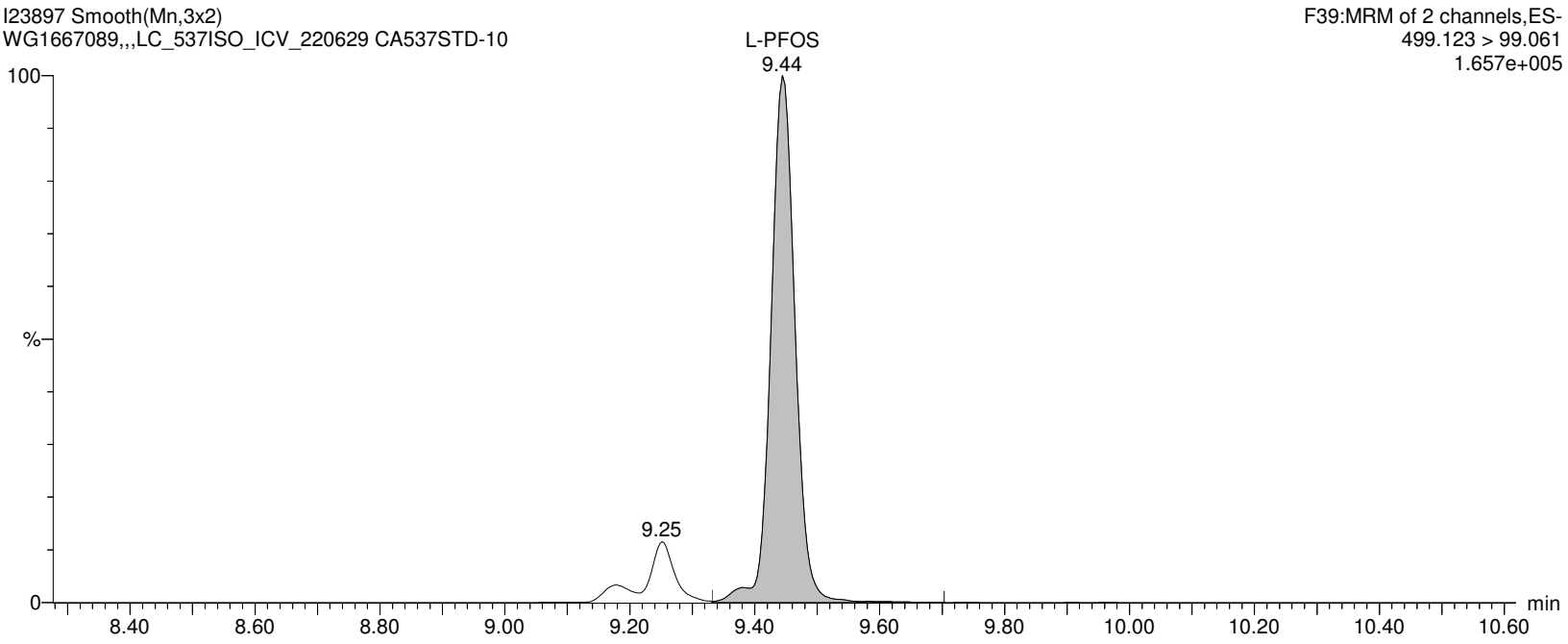
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

L-PFOS



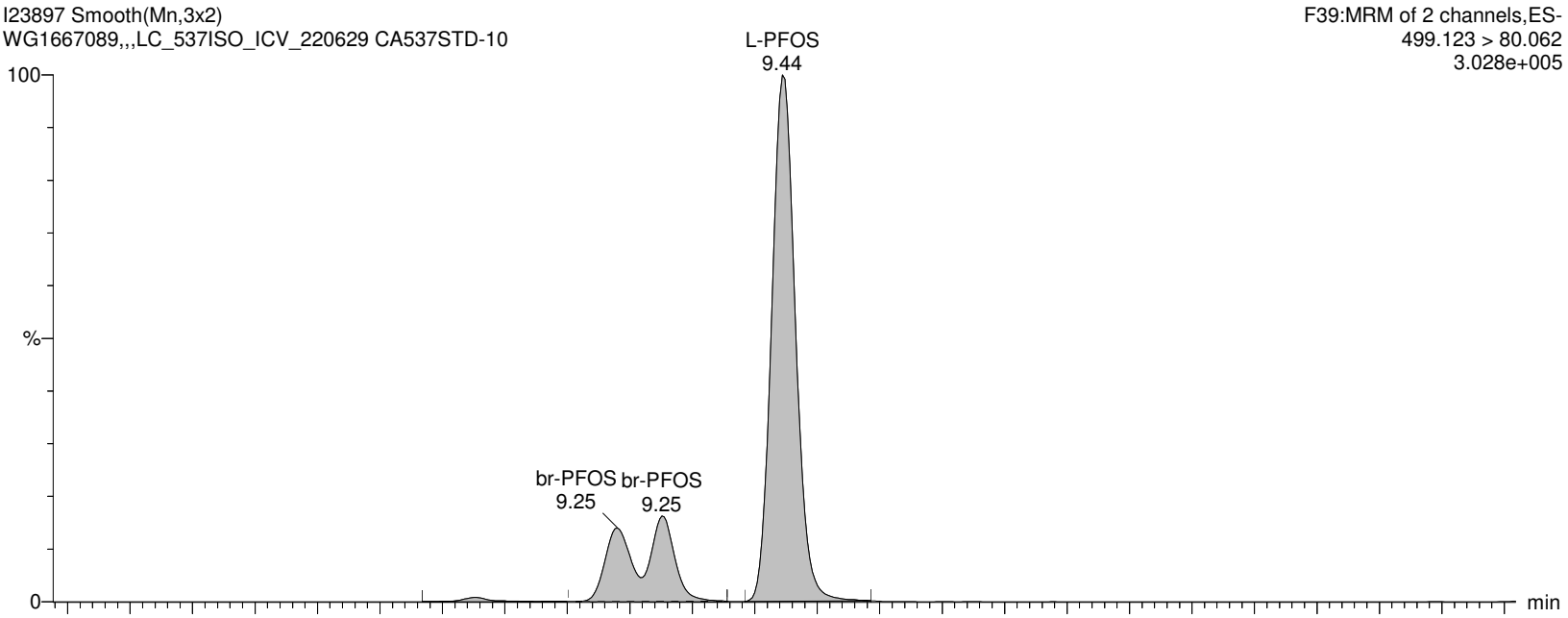


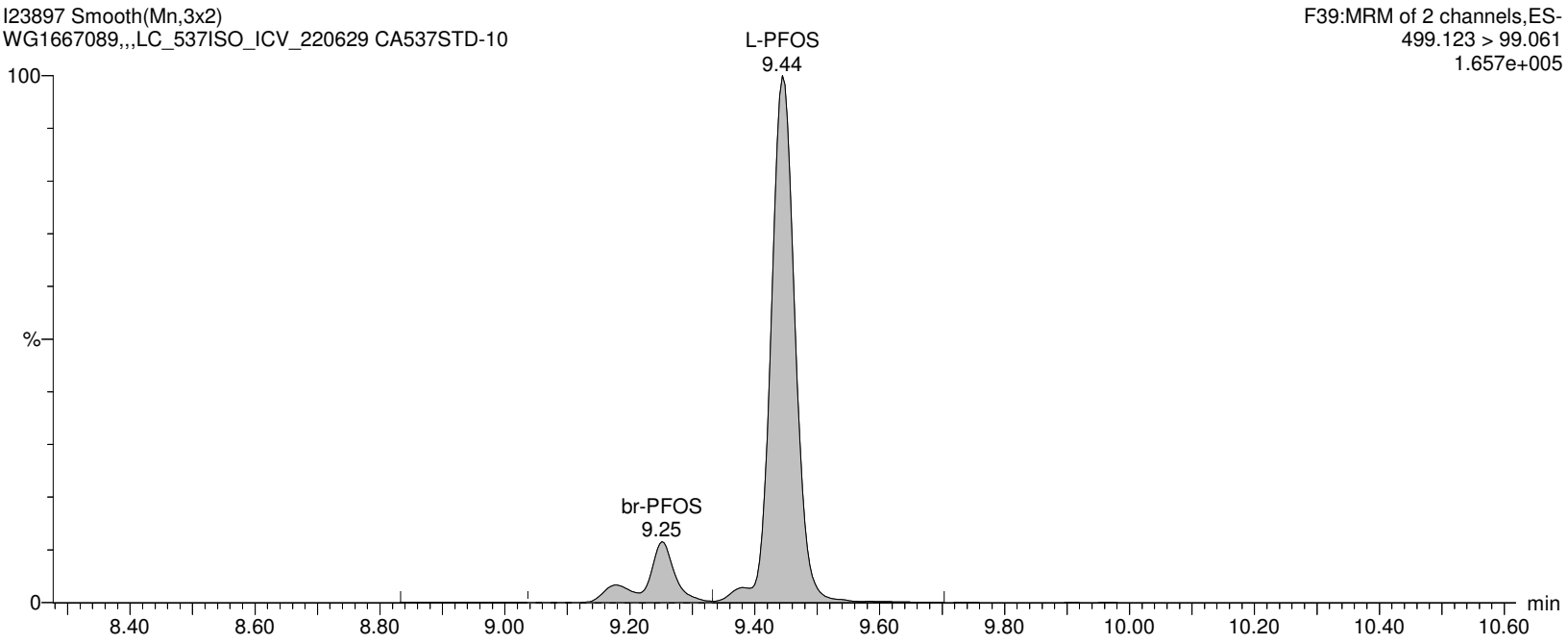
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFOS



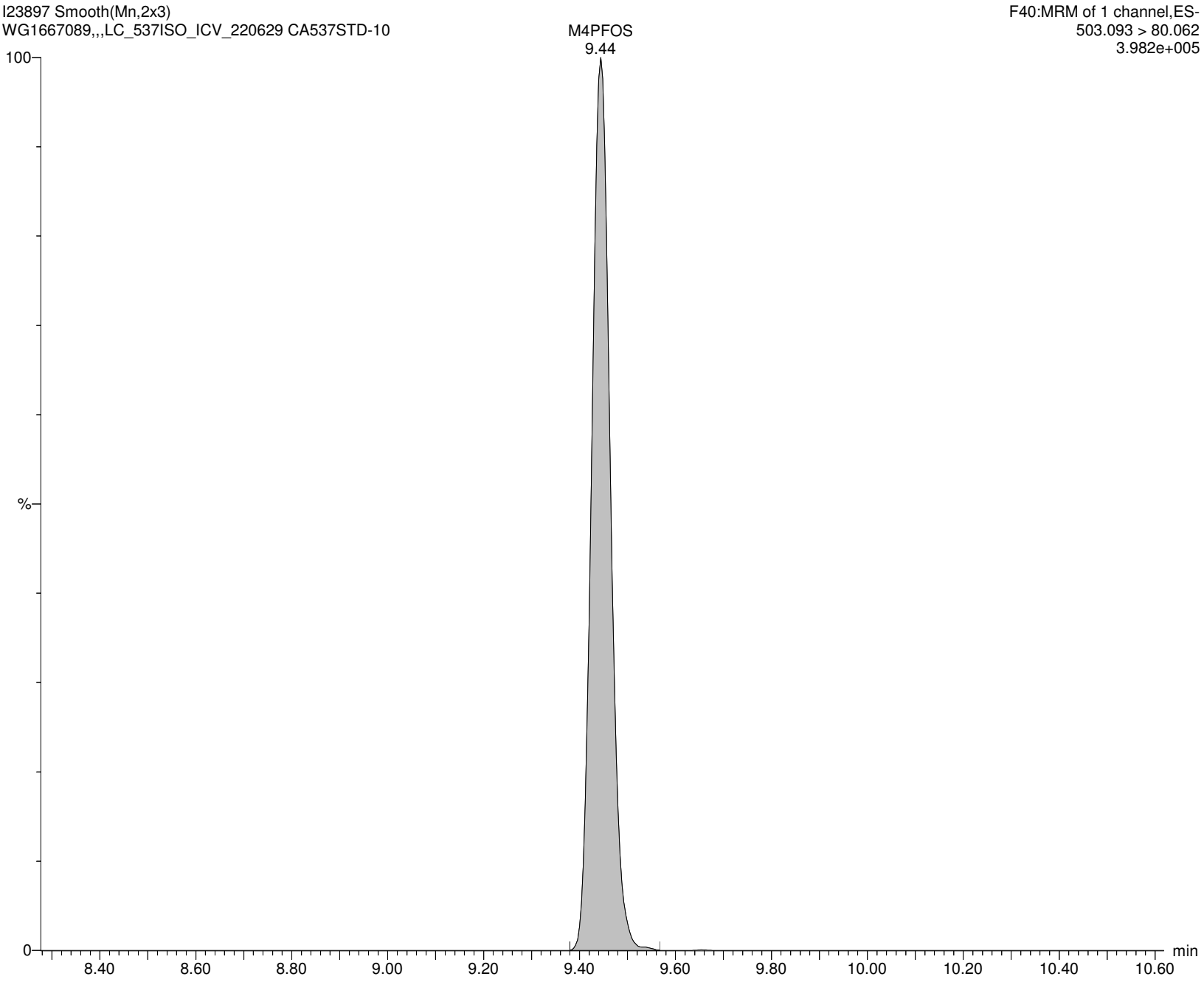


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M4PFOS

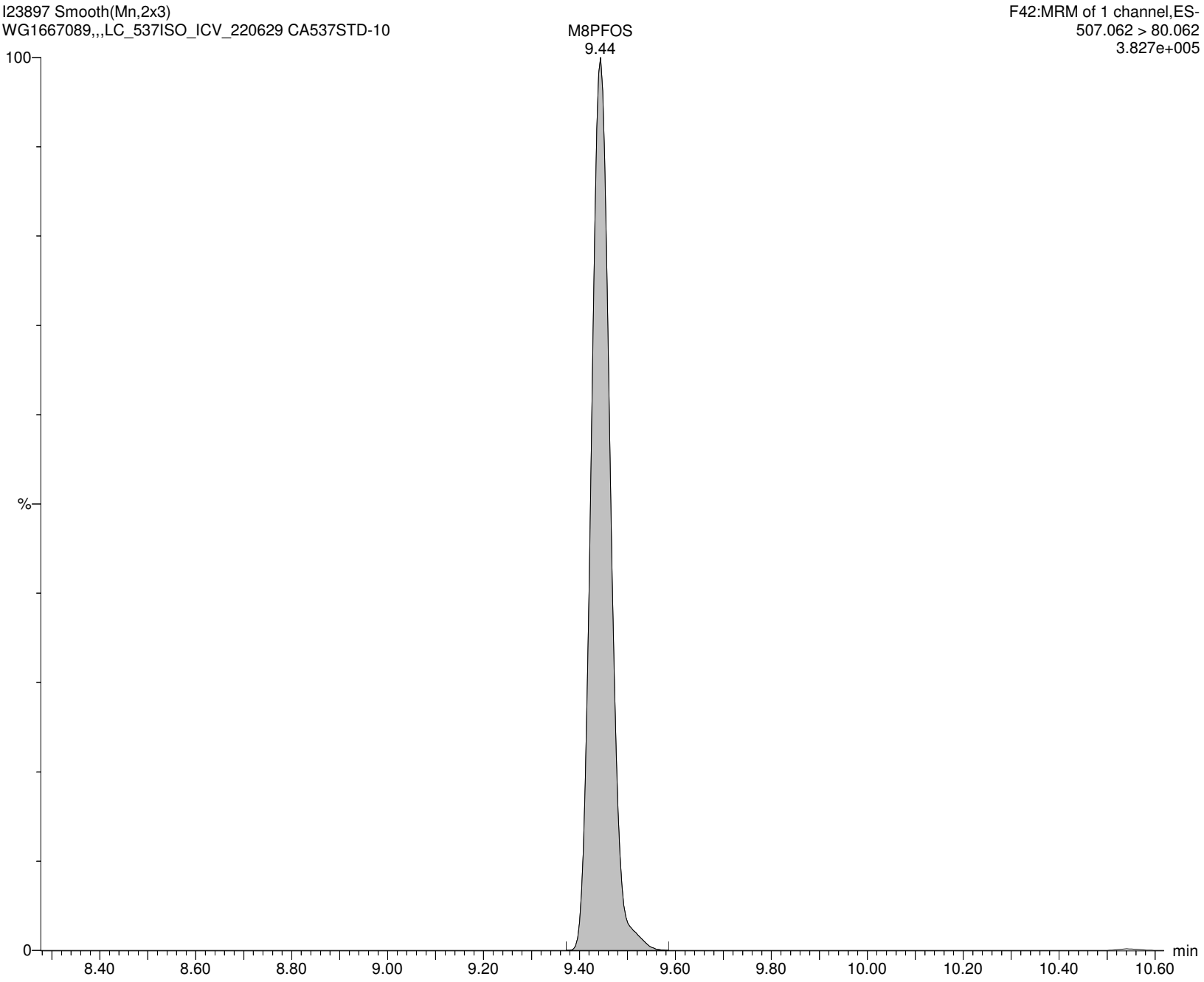


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M8PFOS

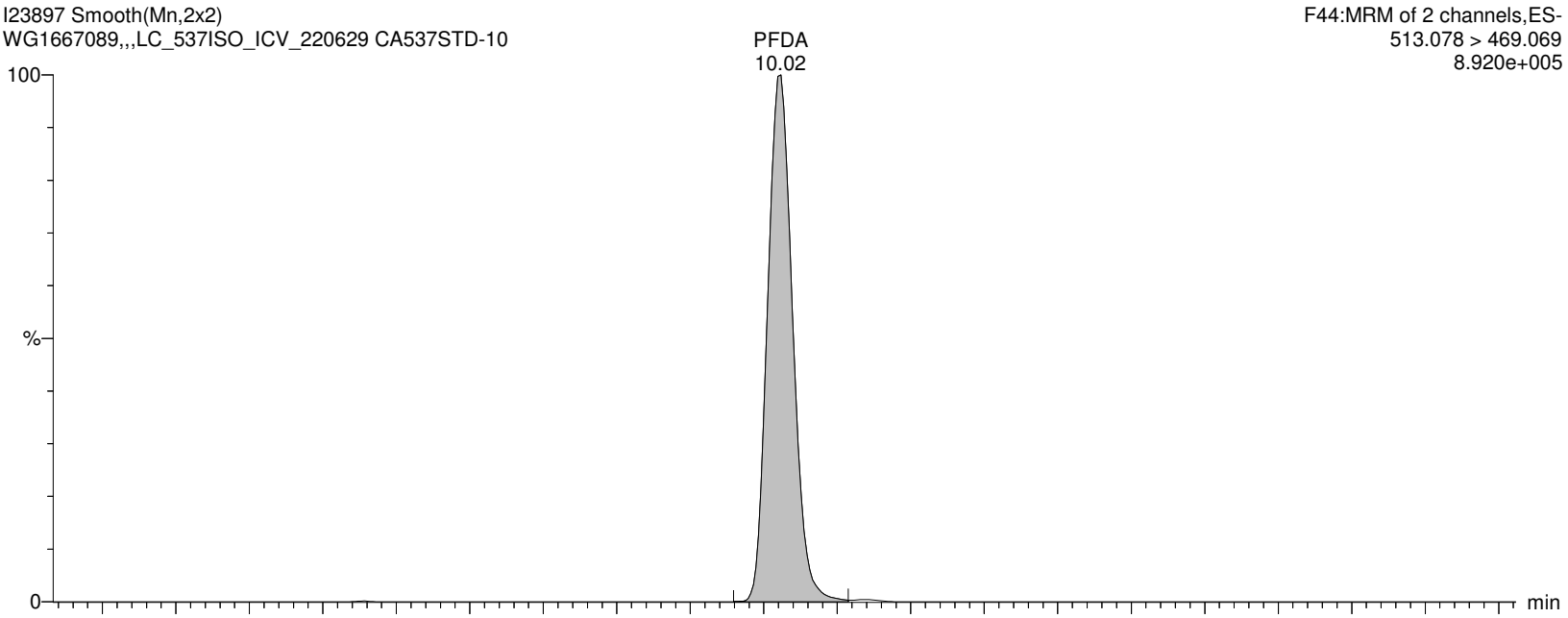


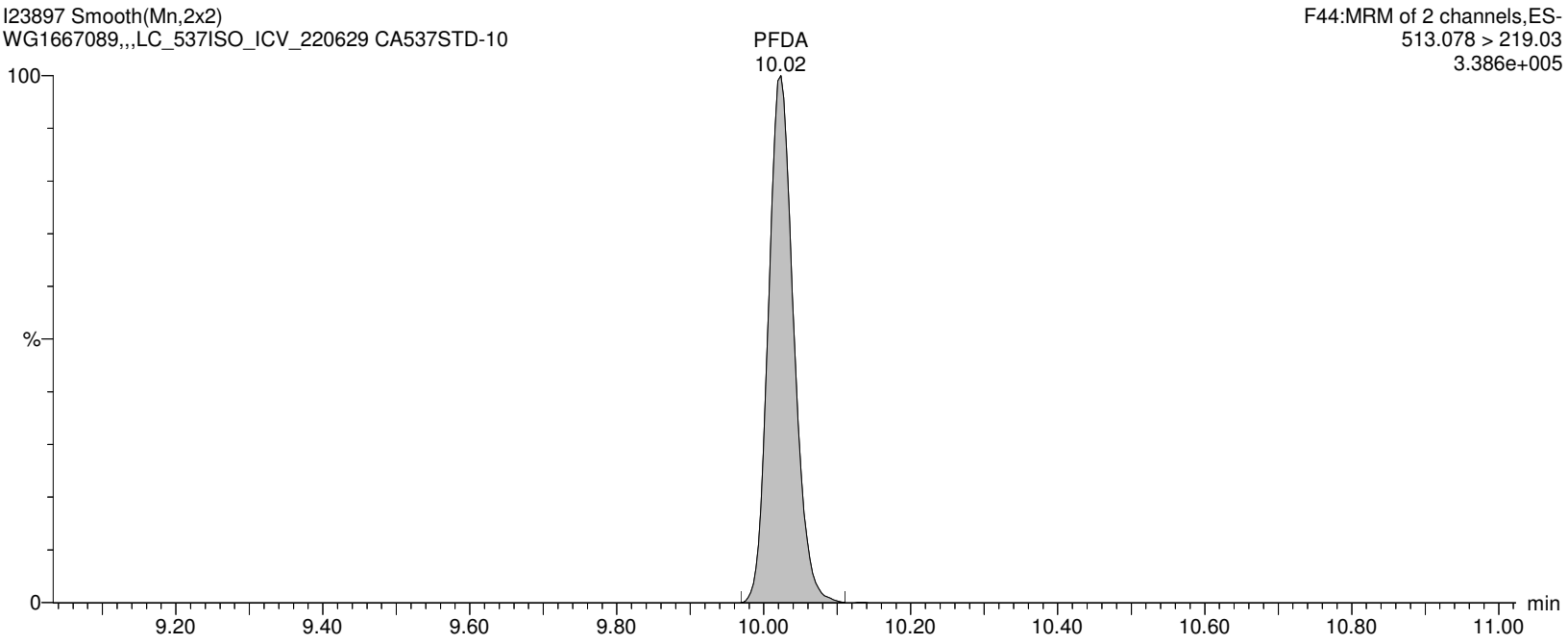
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFDA



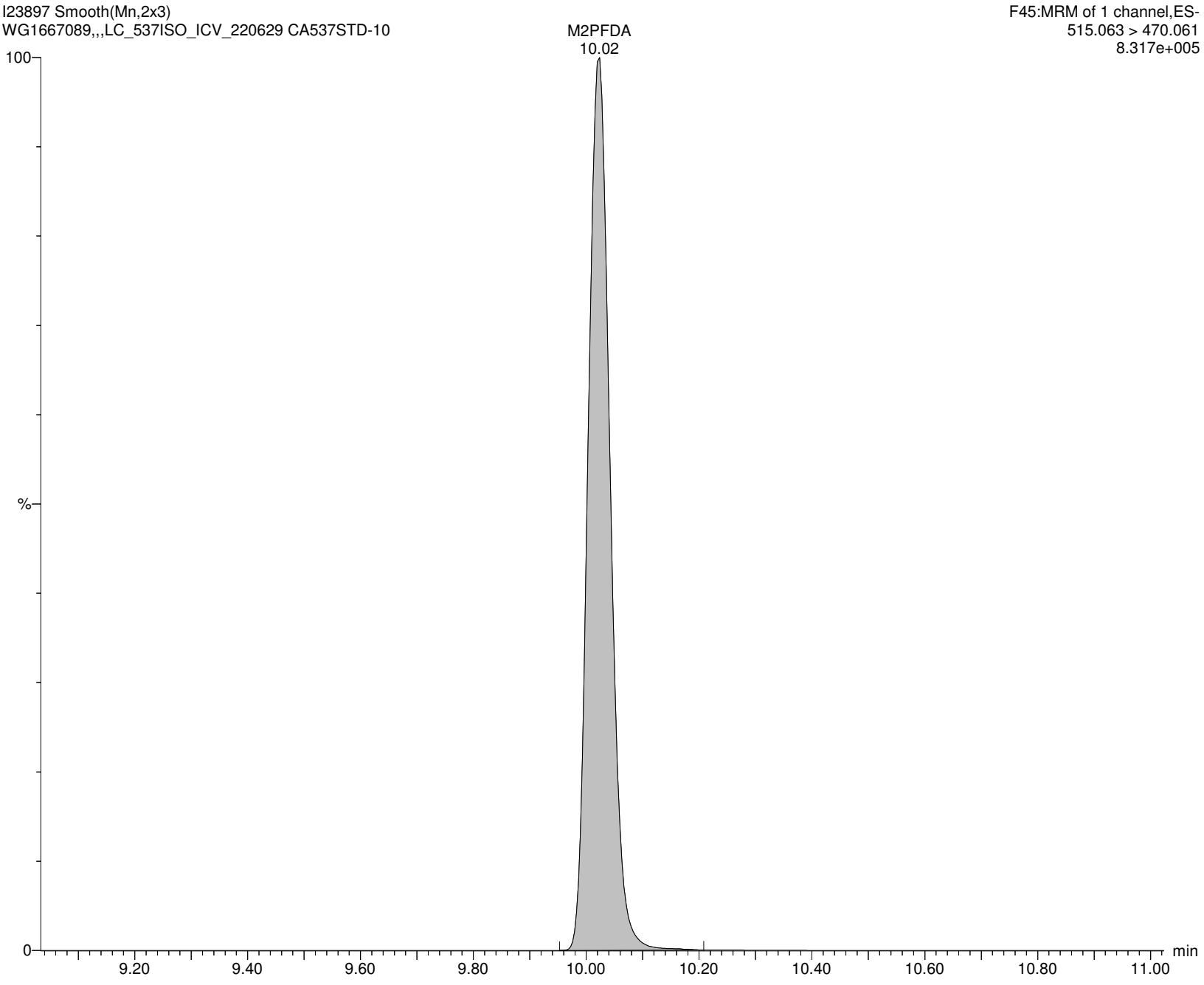


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2PFDA

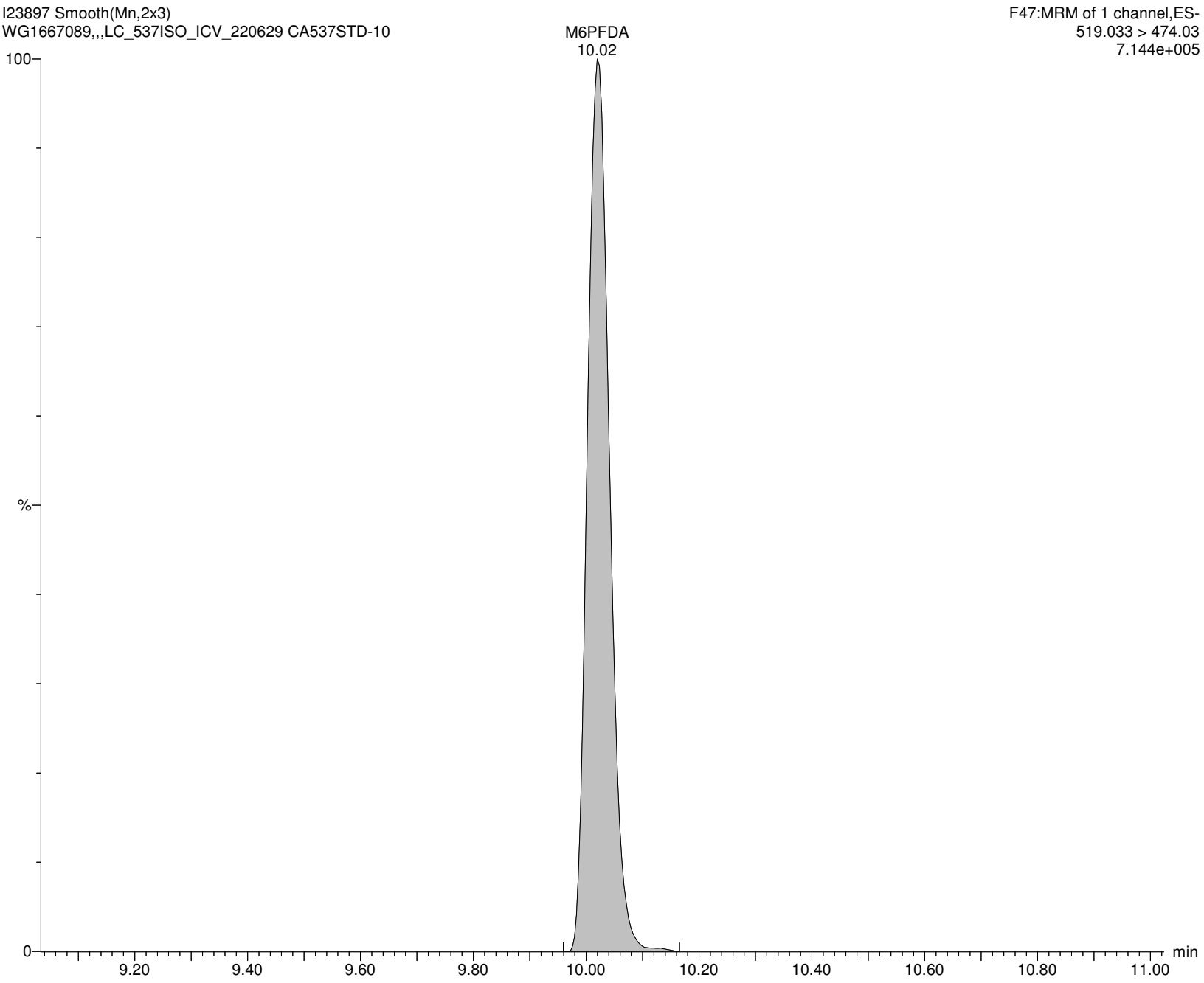


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M6PFDA

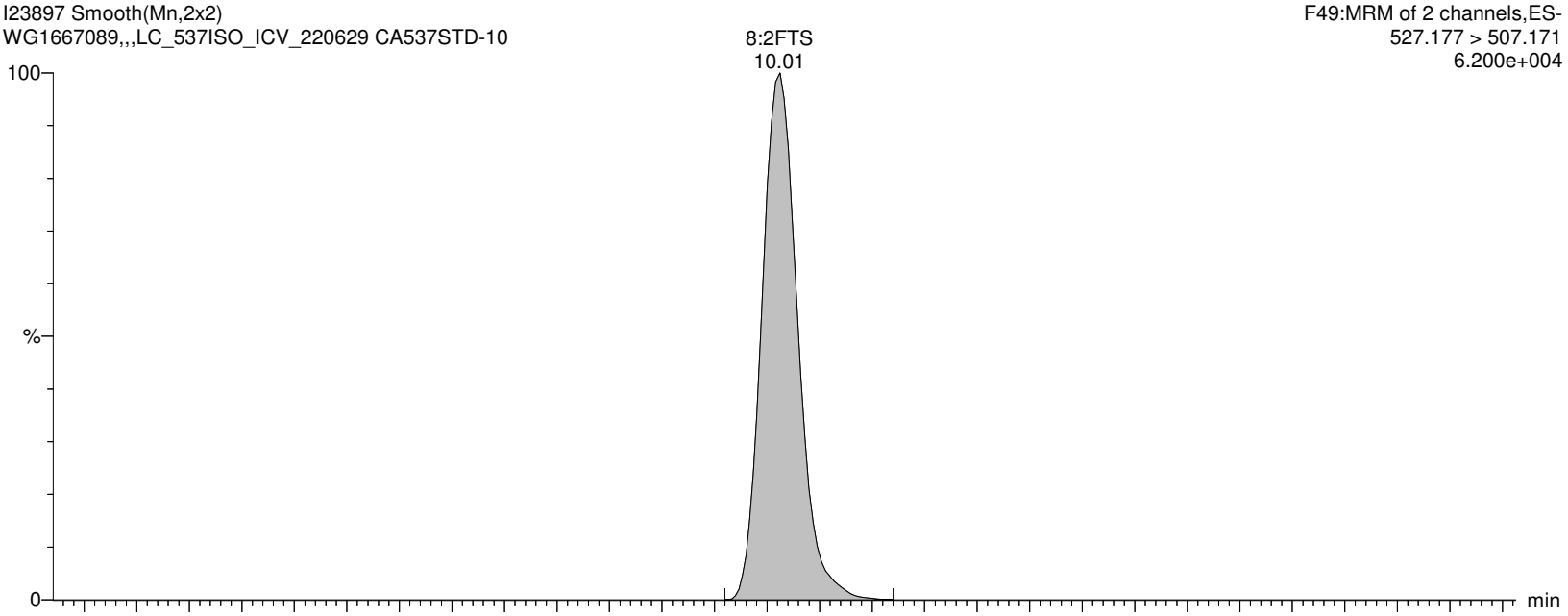


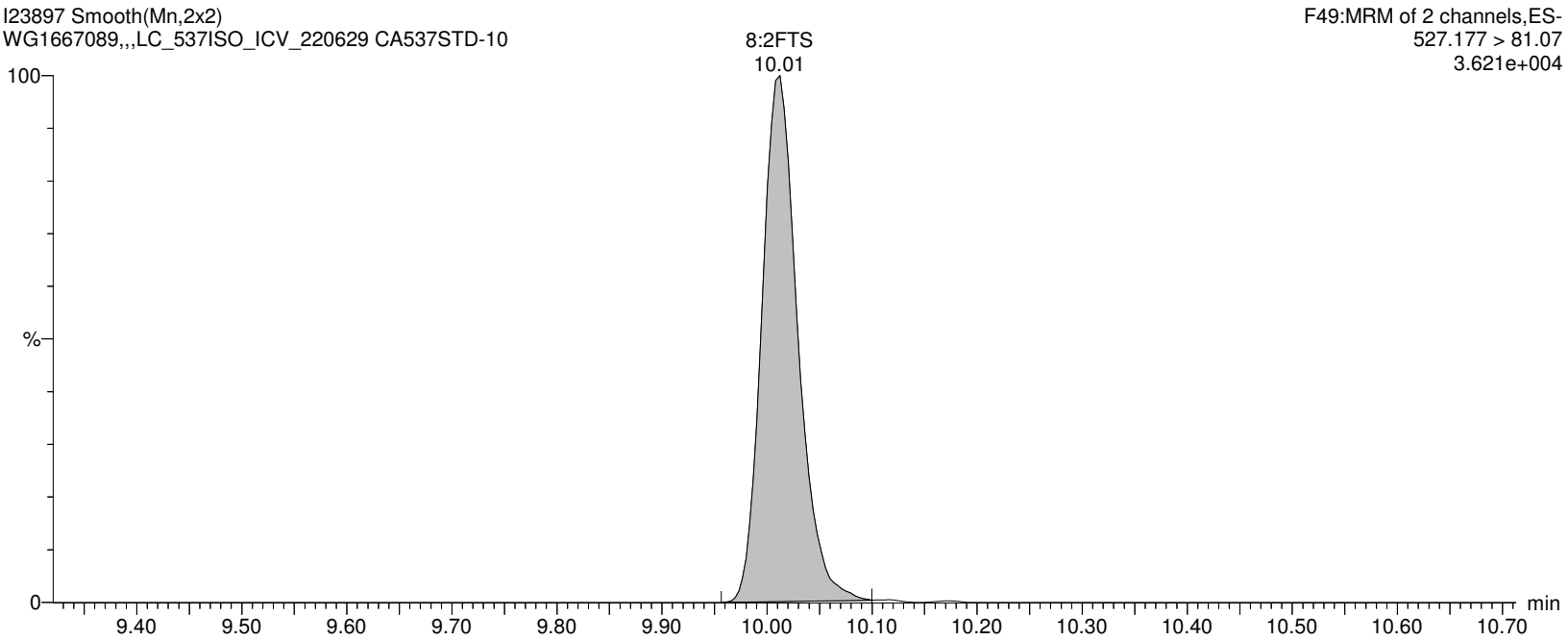
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

8:2FTS



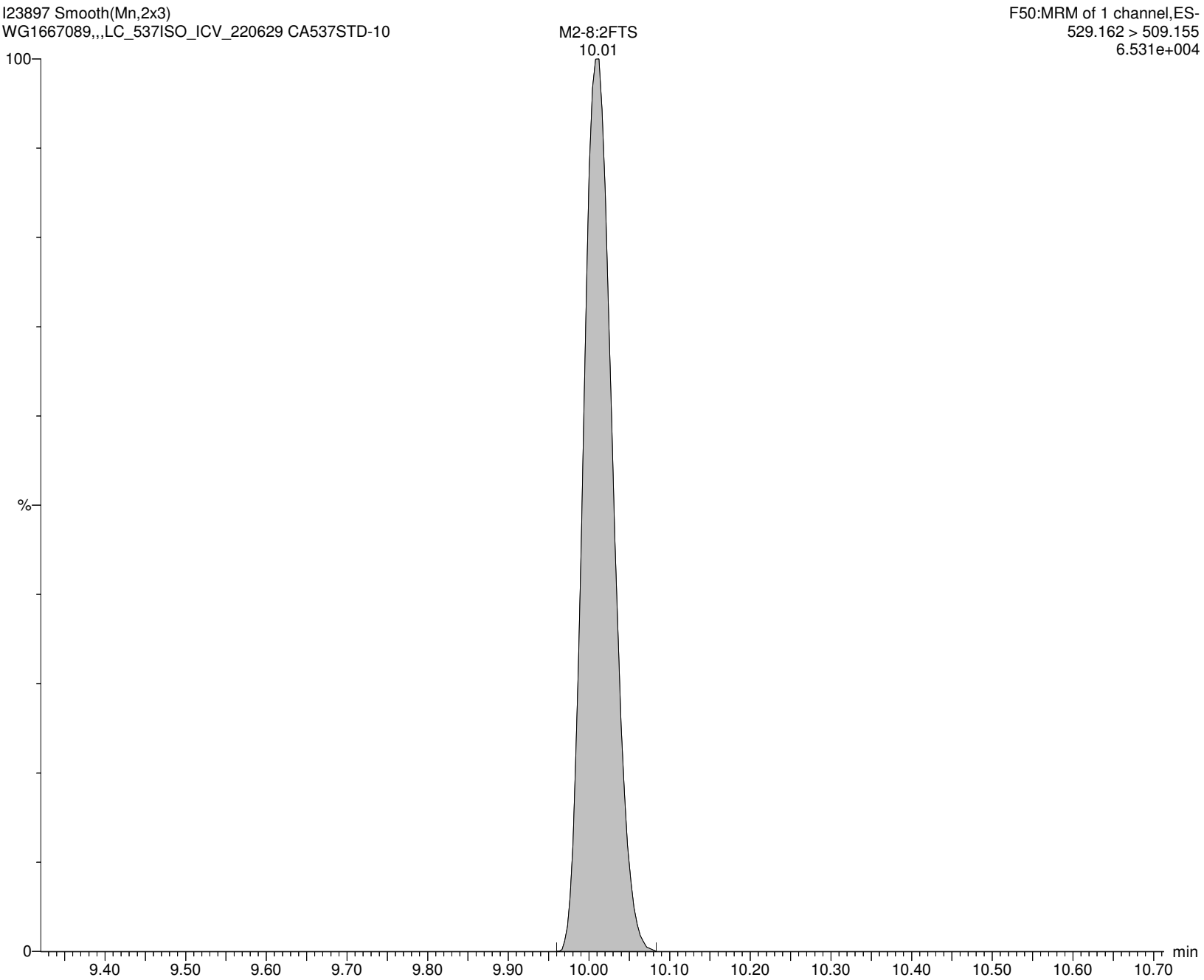


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2-8:2FTS

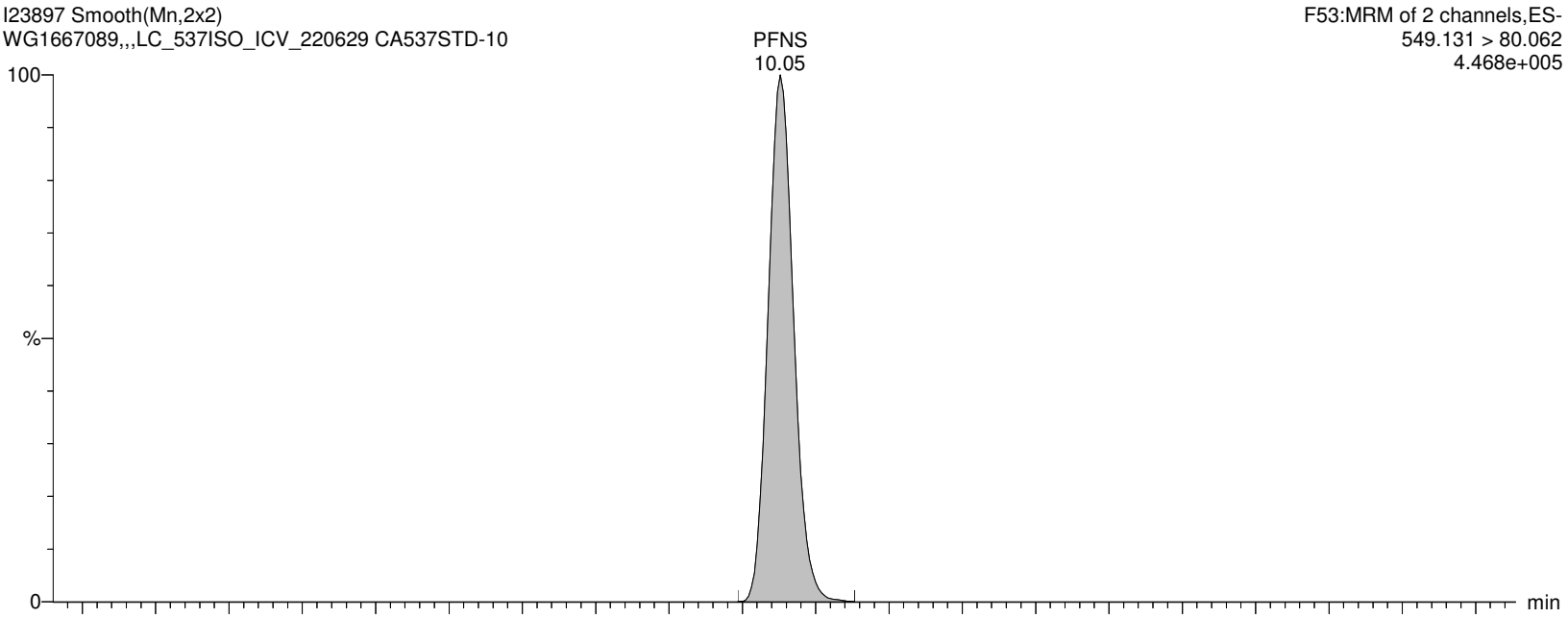


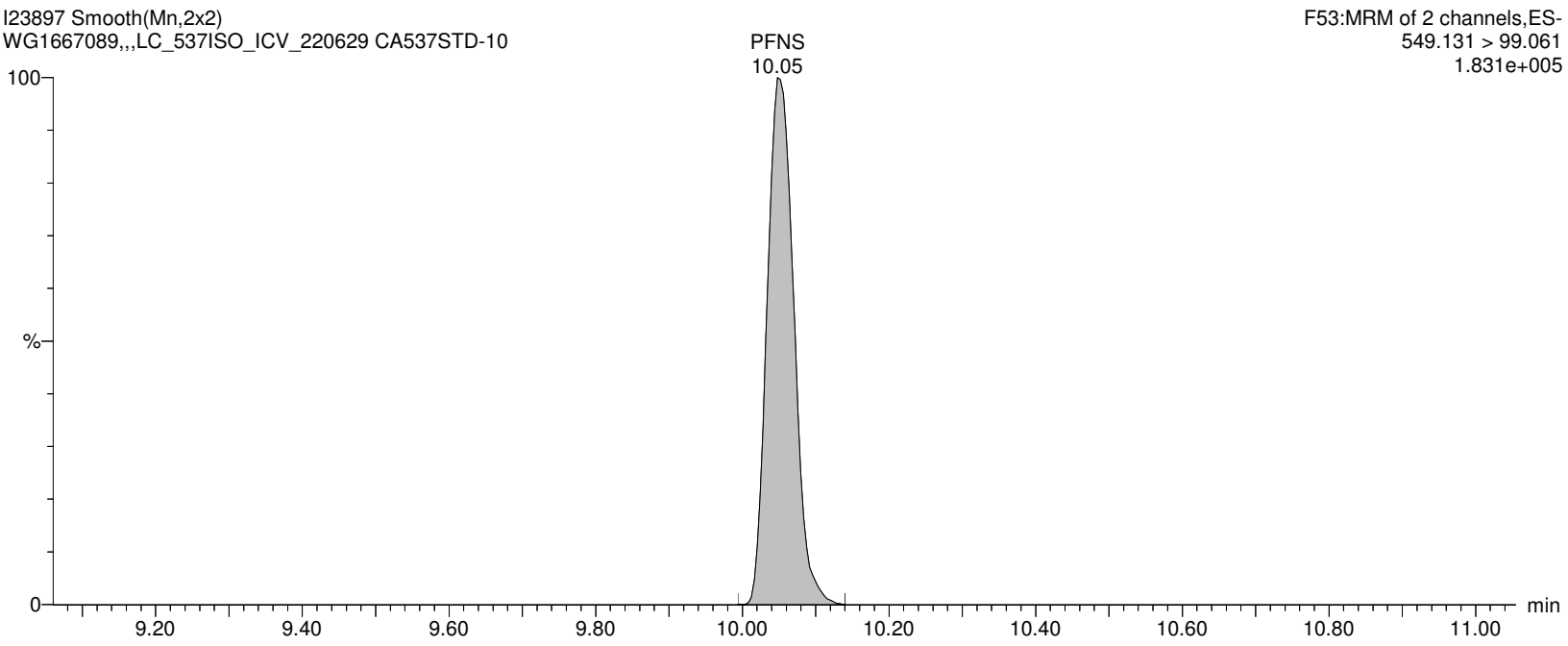
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFNS



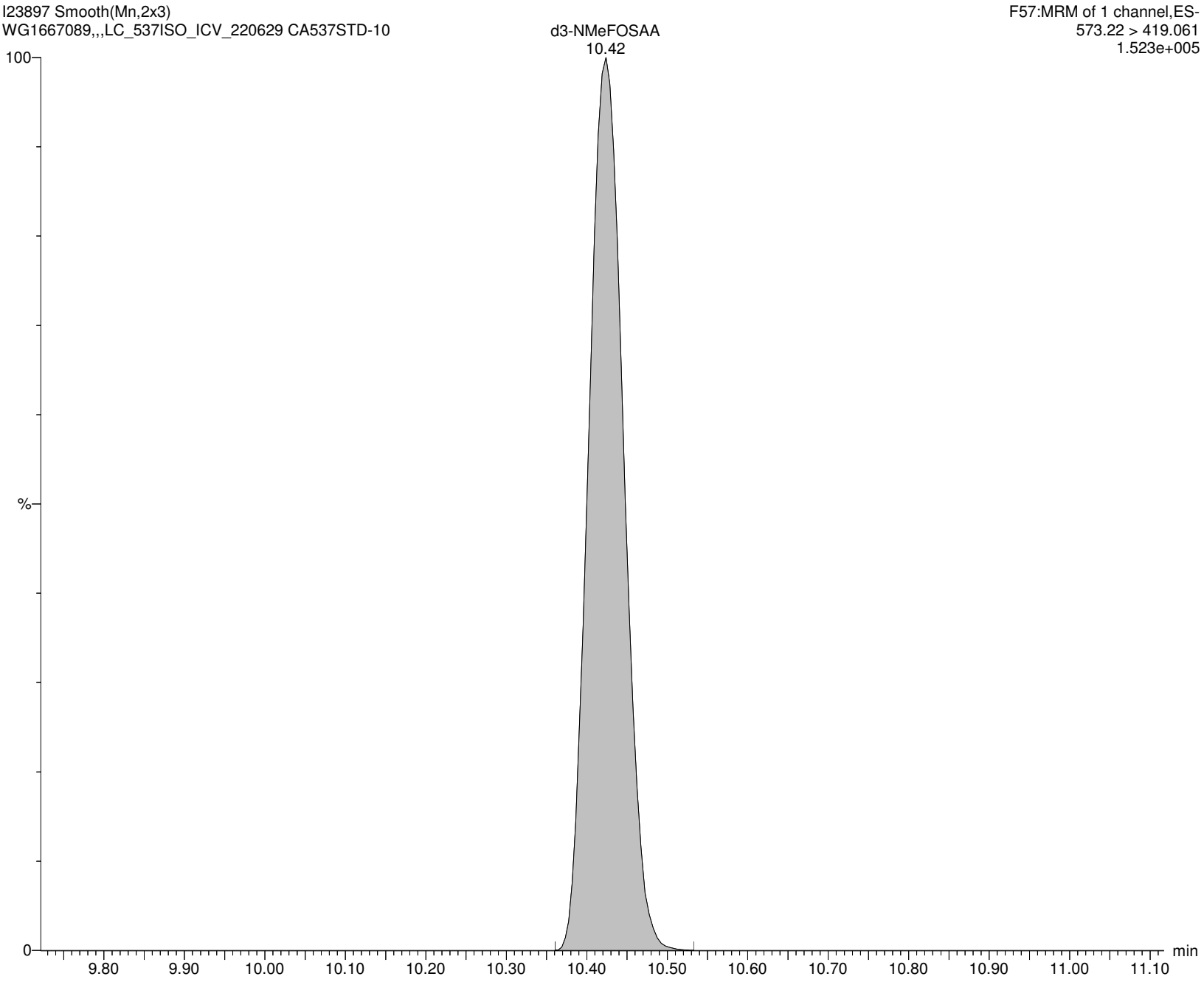


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

d3-NMeFOSAA

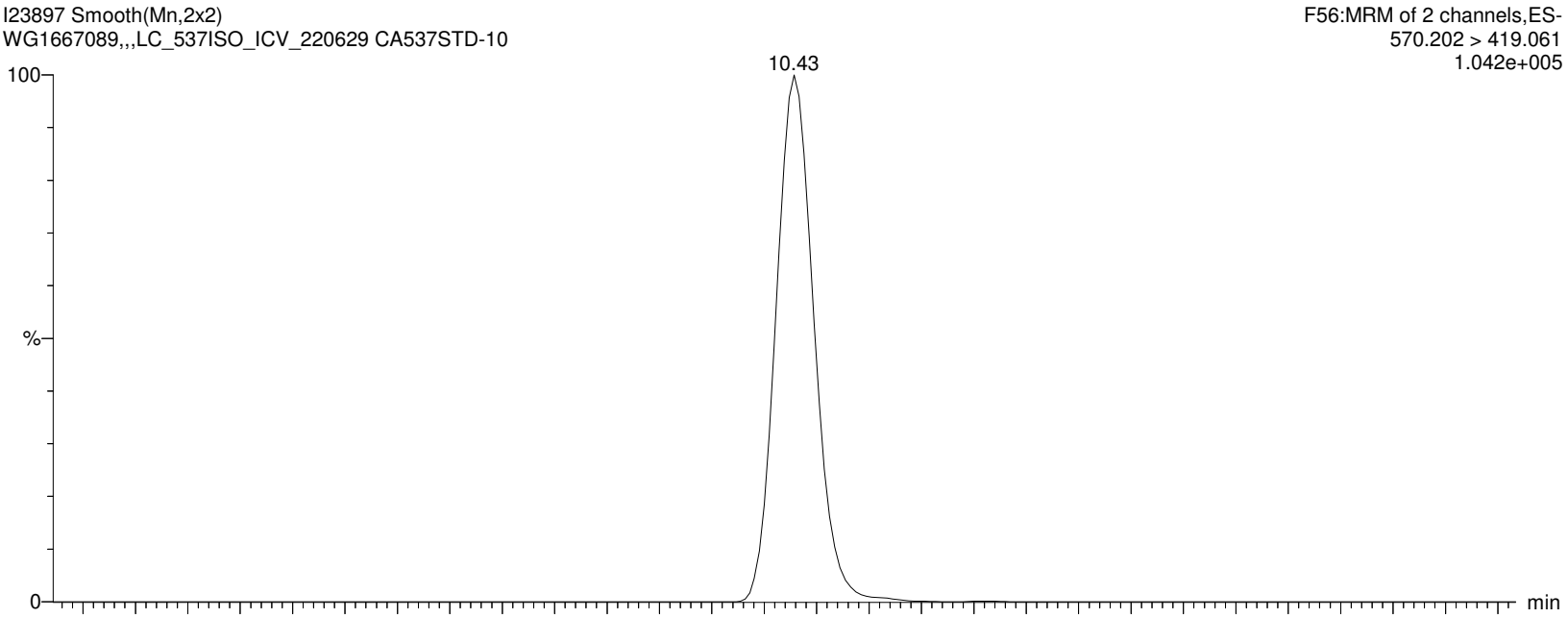


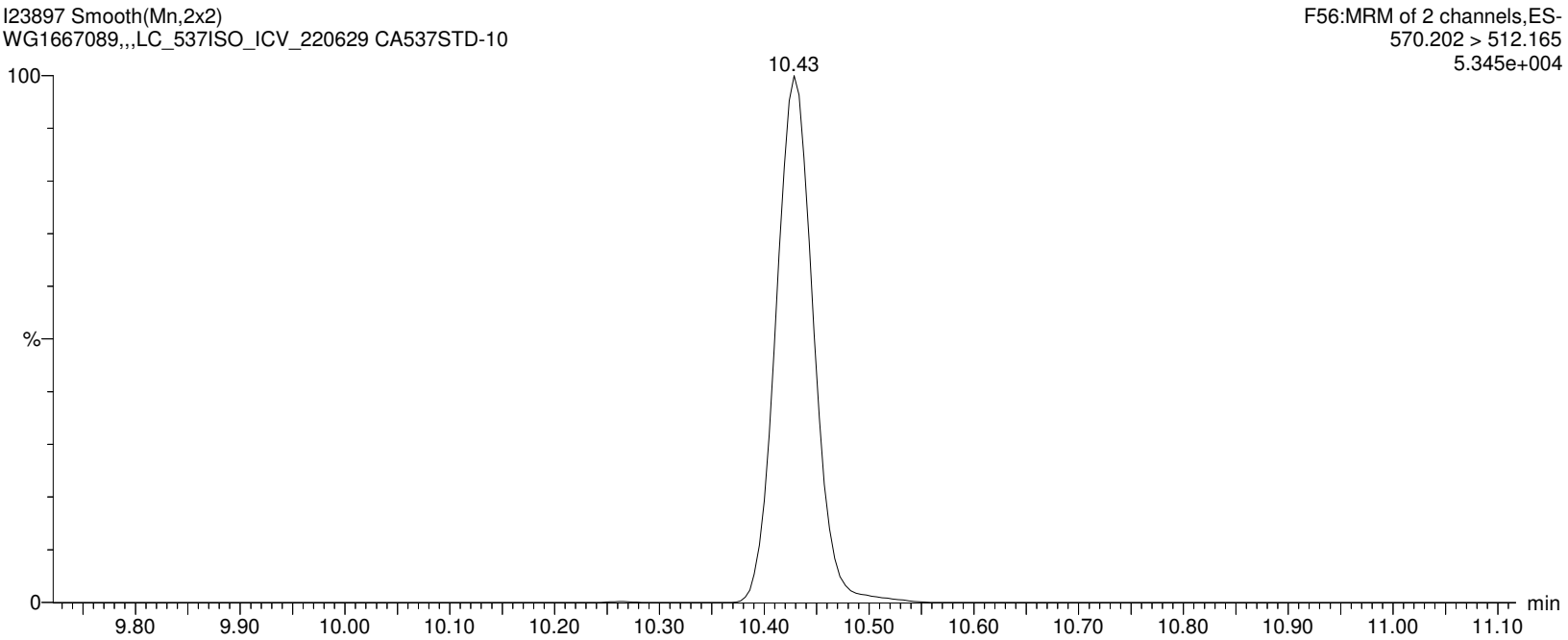
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

br-NMeFOSAA



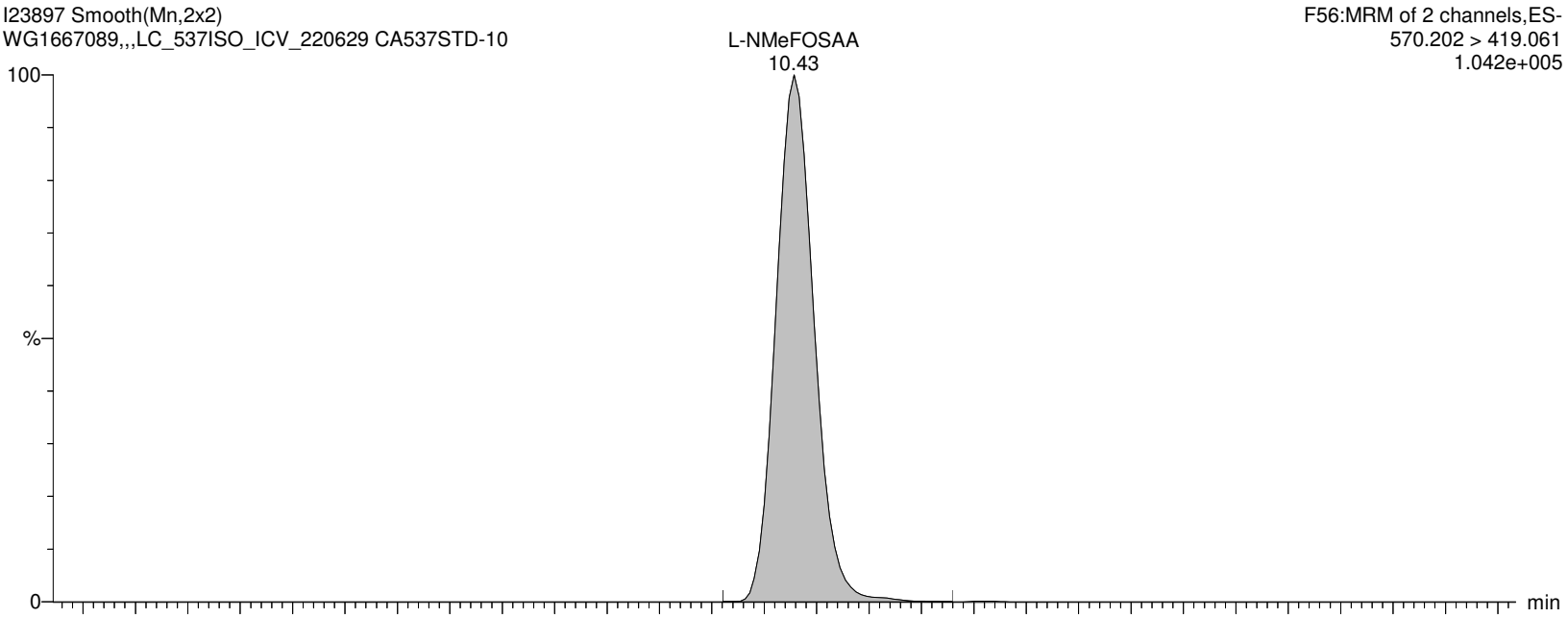


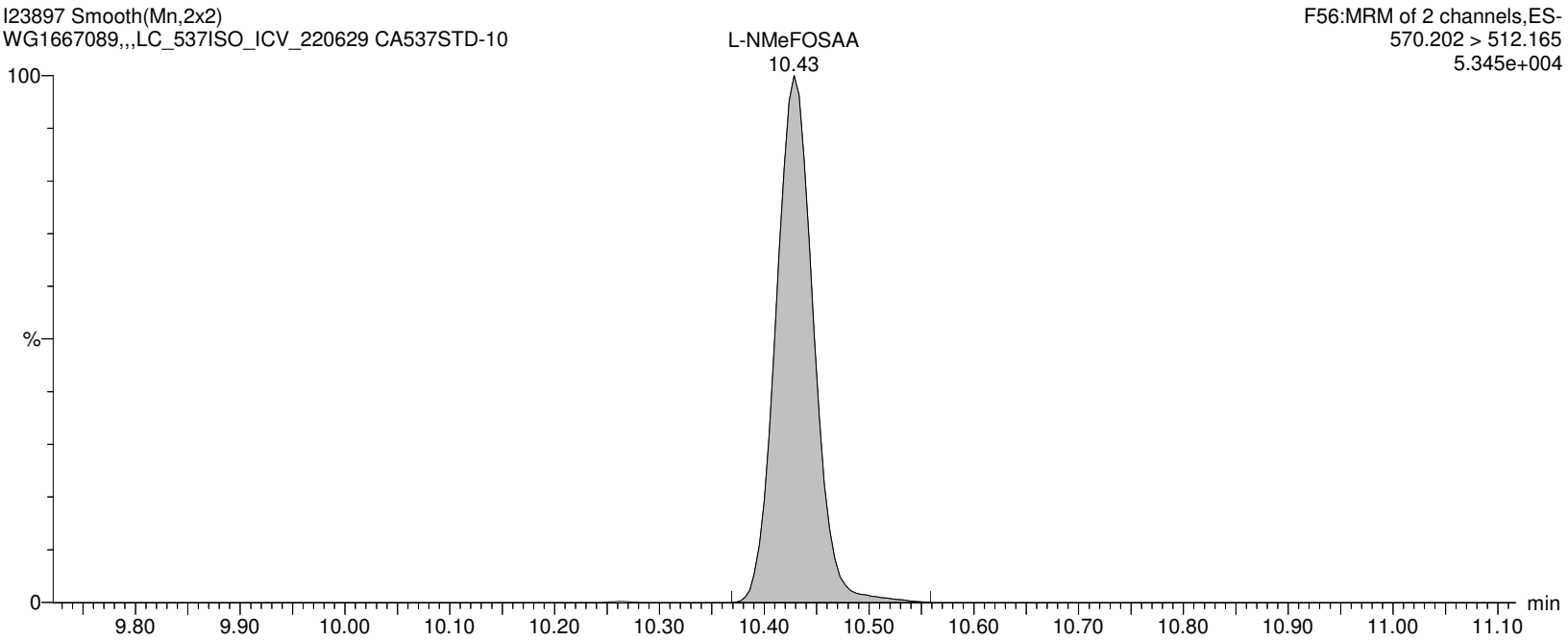
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

L-NMeFOSAA



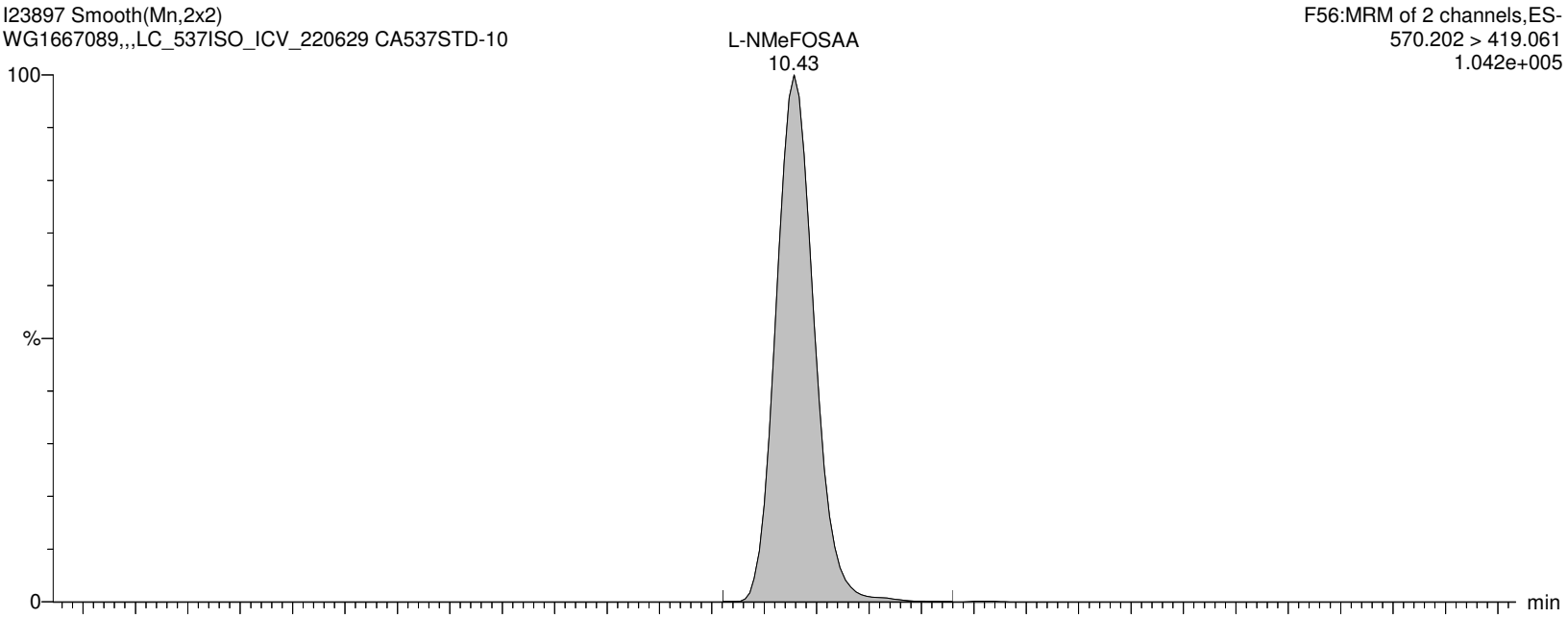


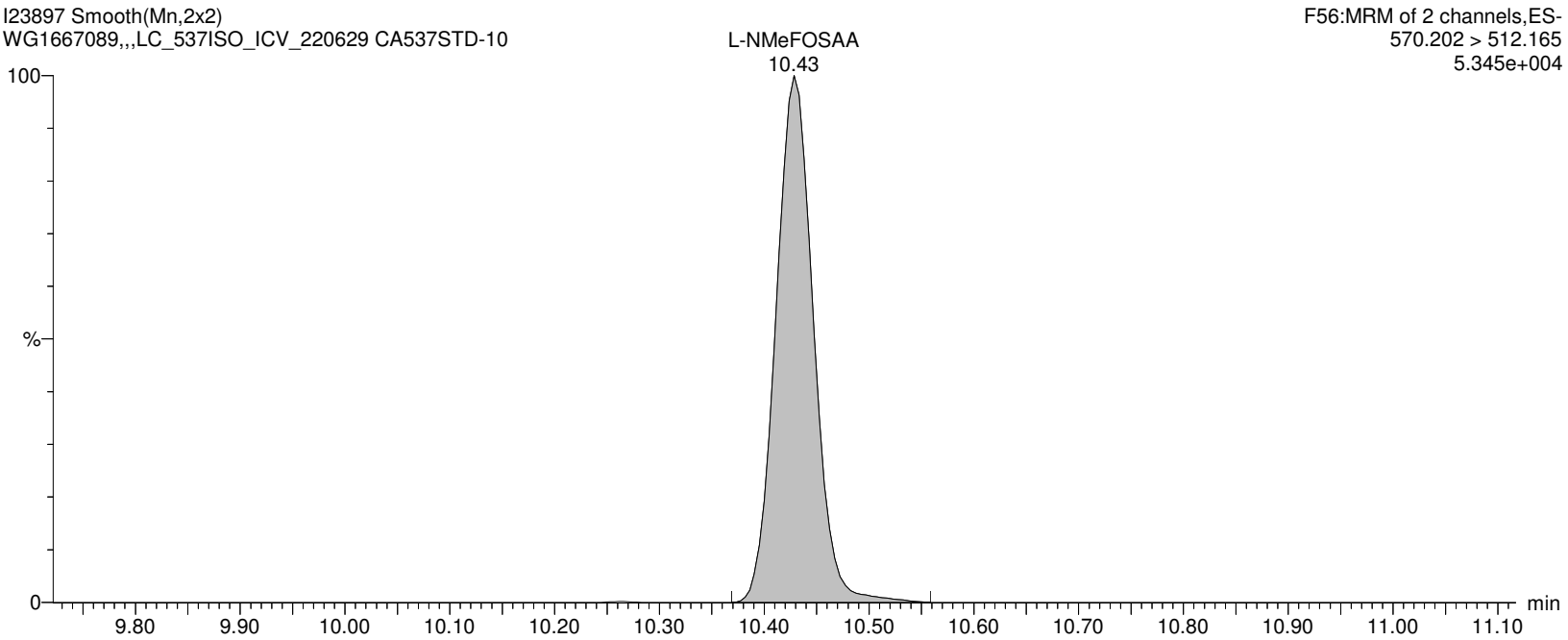
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NMeFOSAA



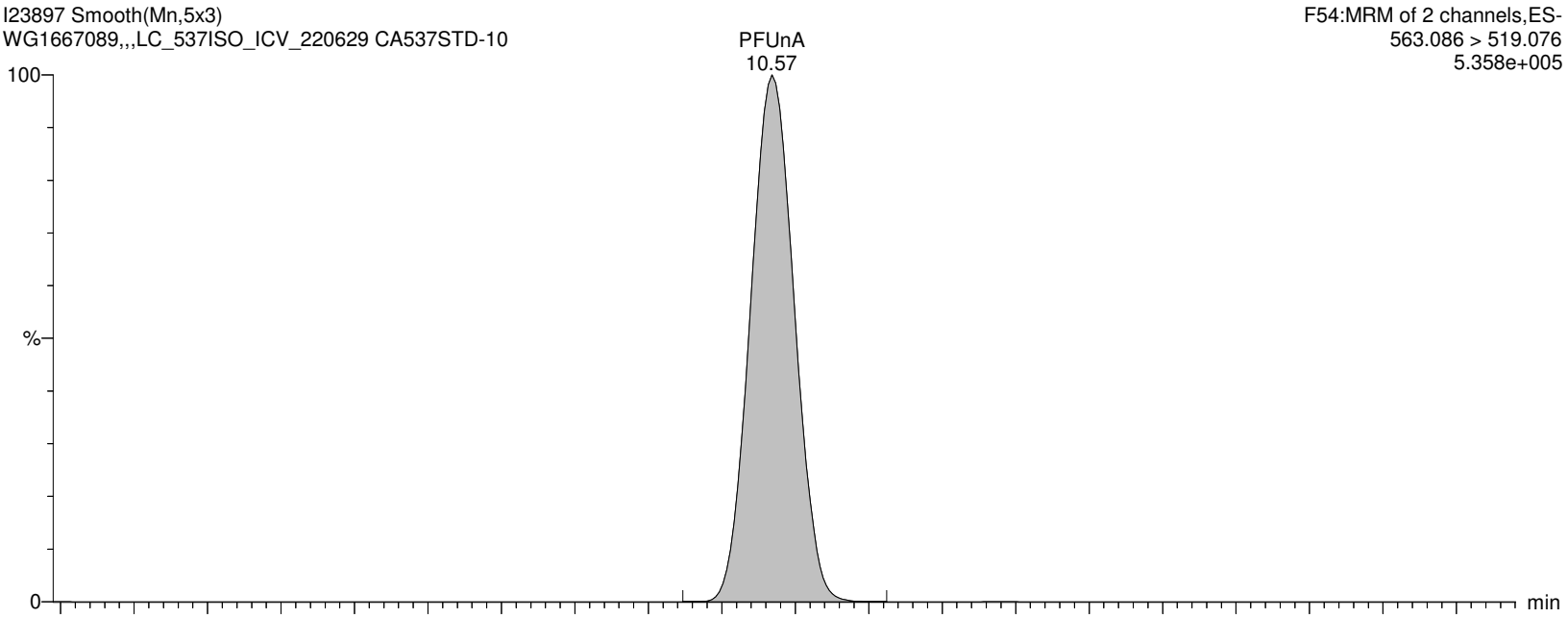


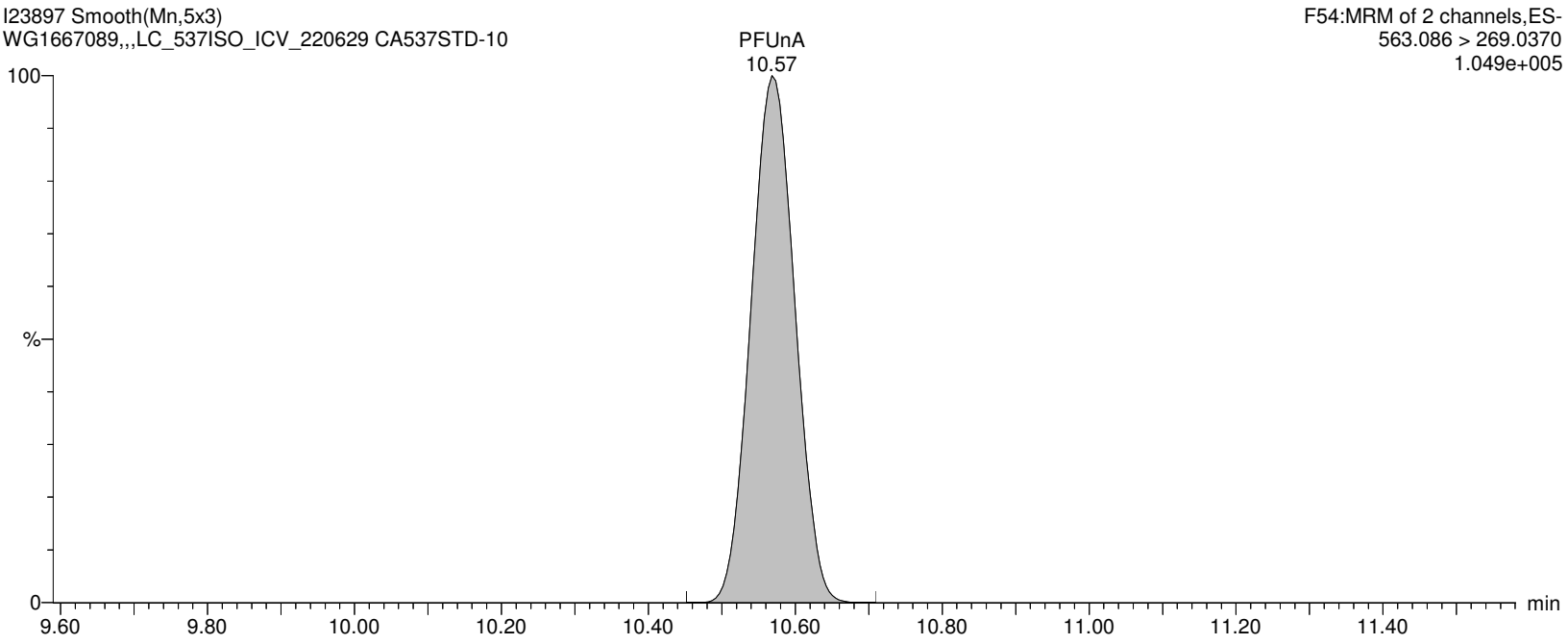
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFUnA



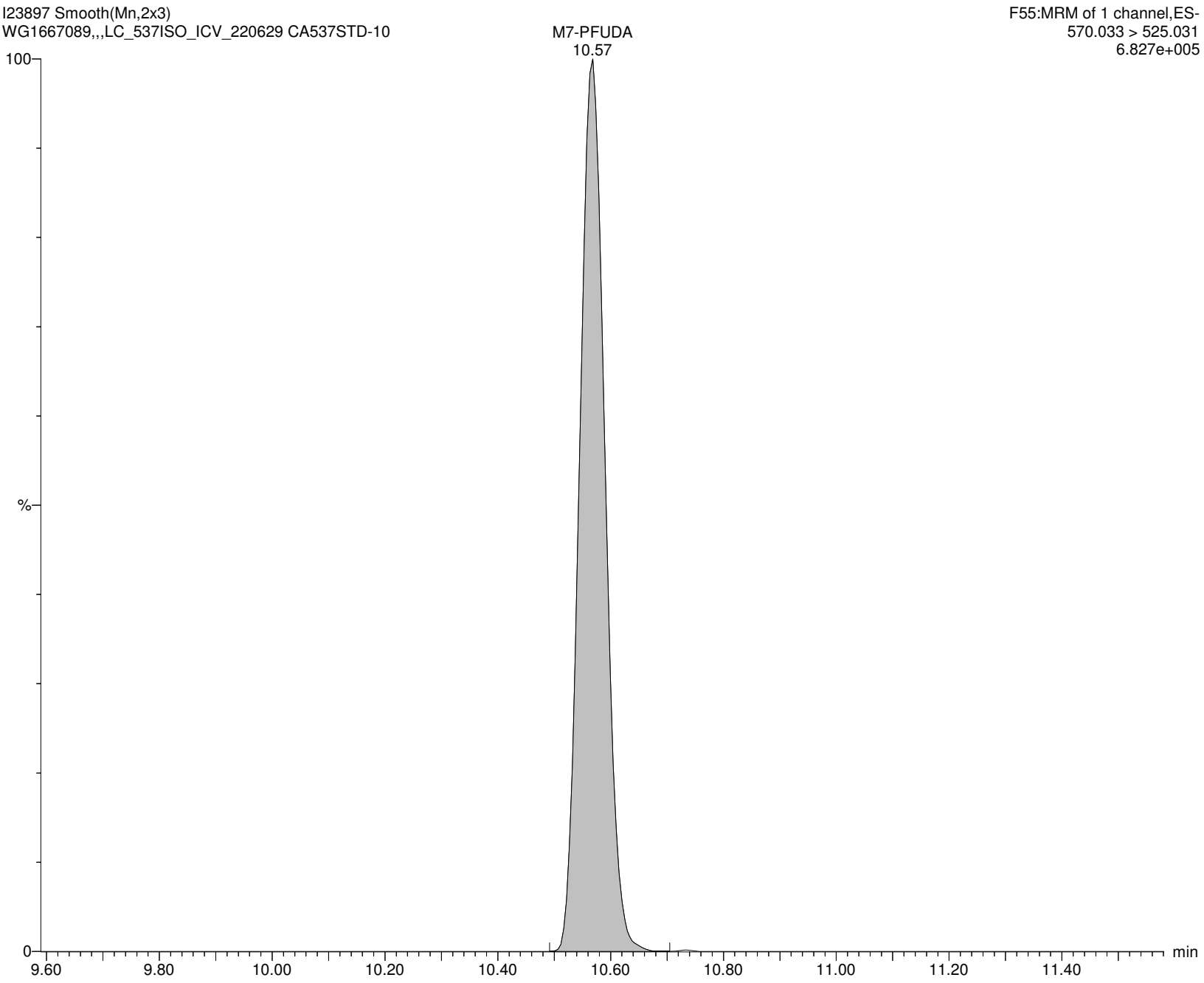


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M7-PFUDA

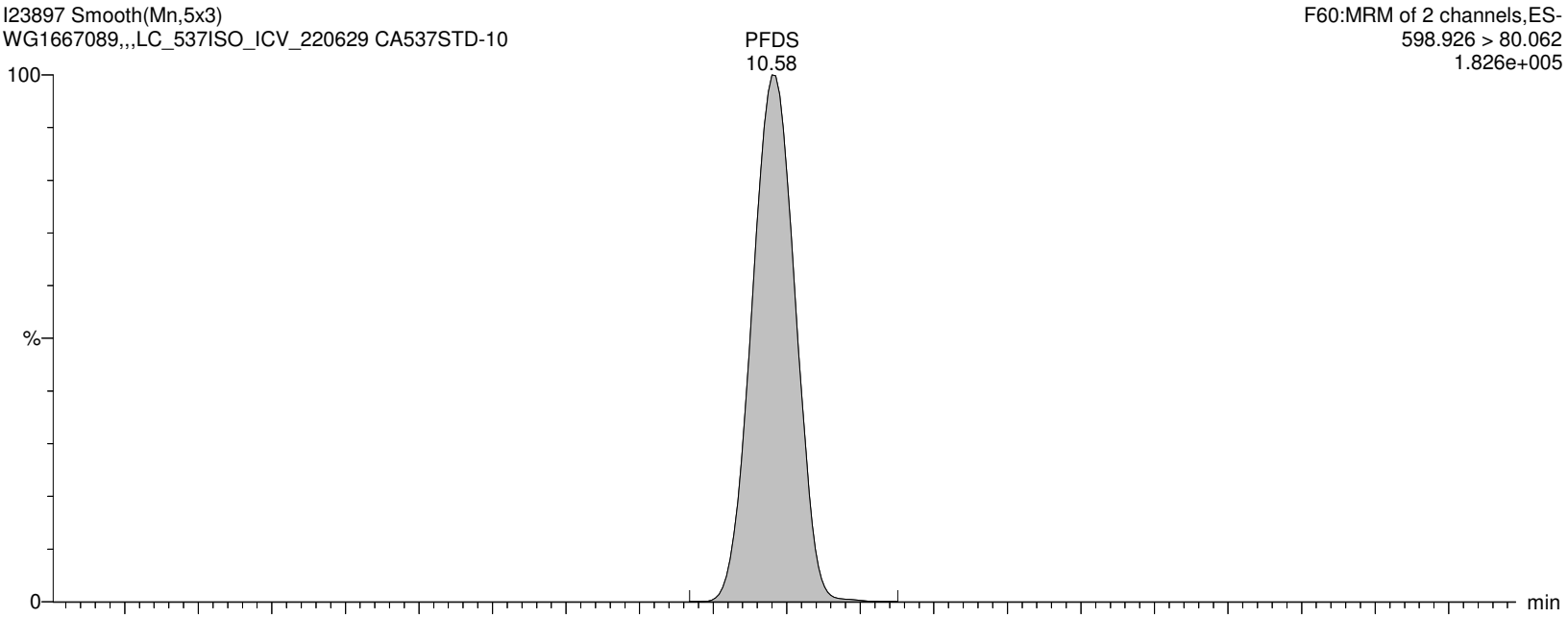


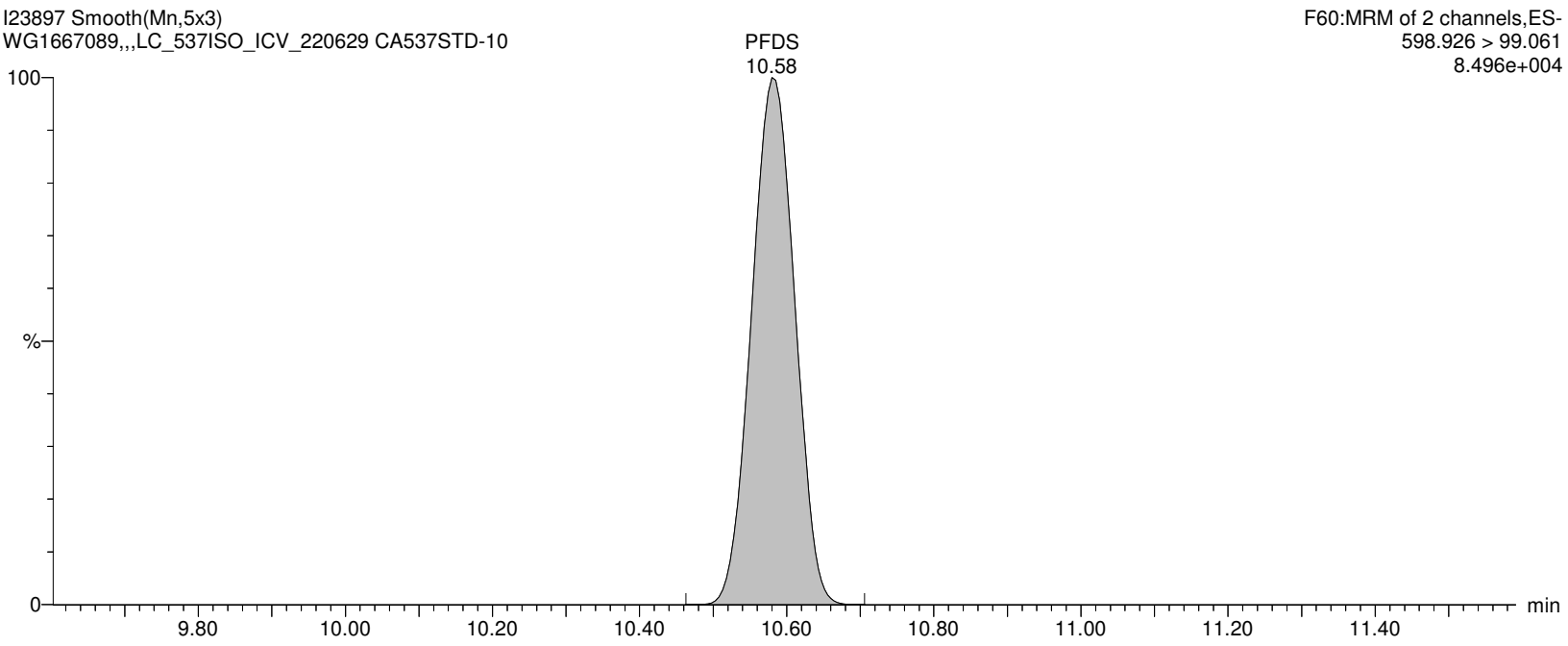
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFDS



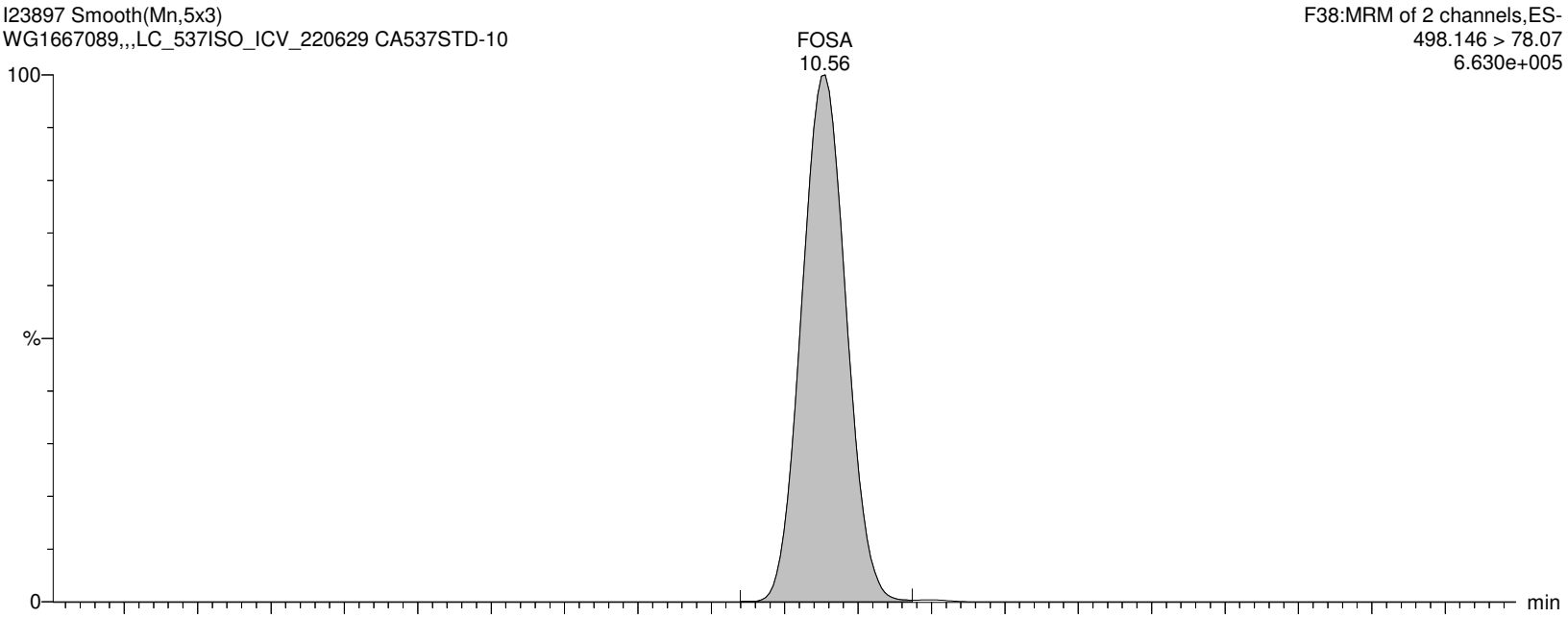


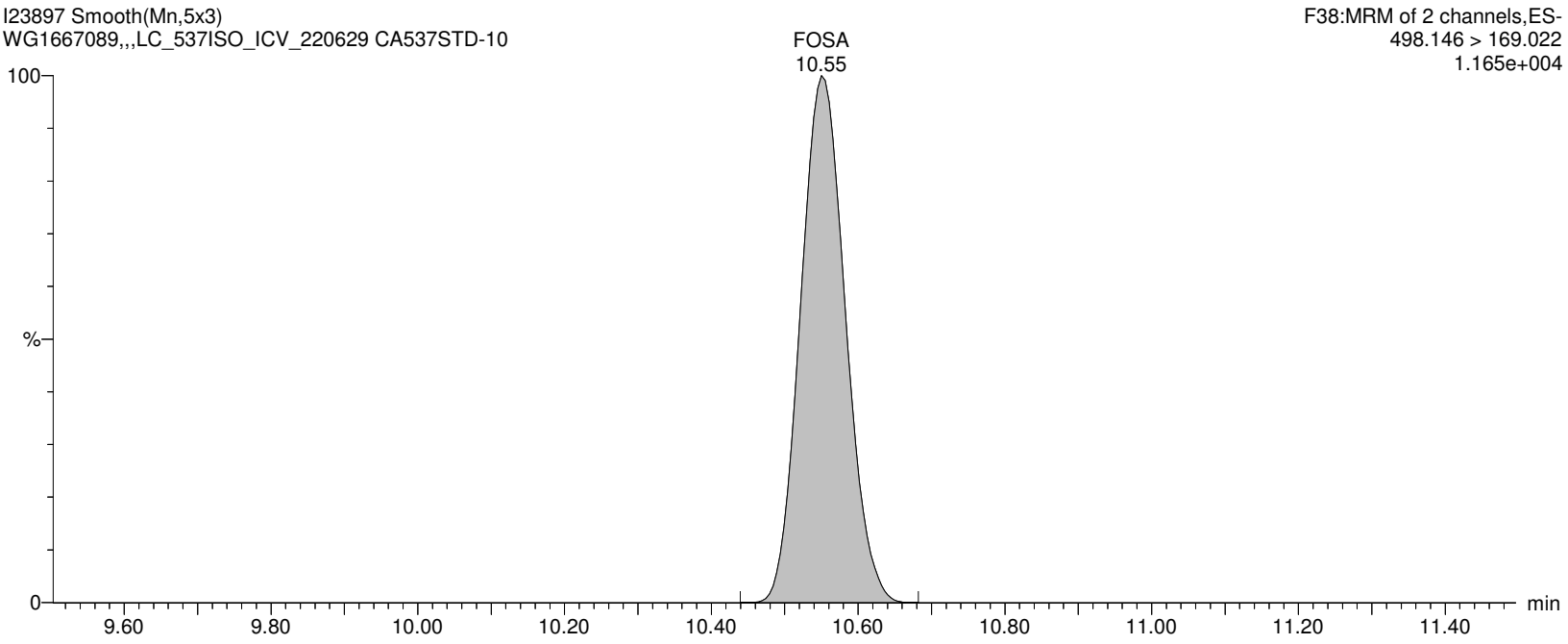
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

FOSA



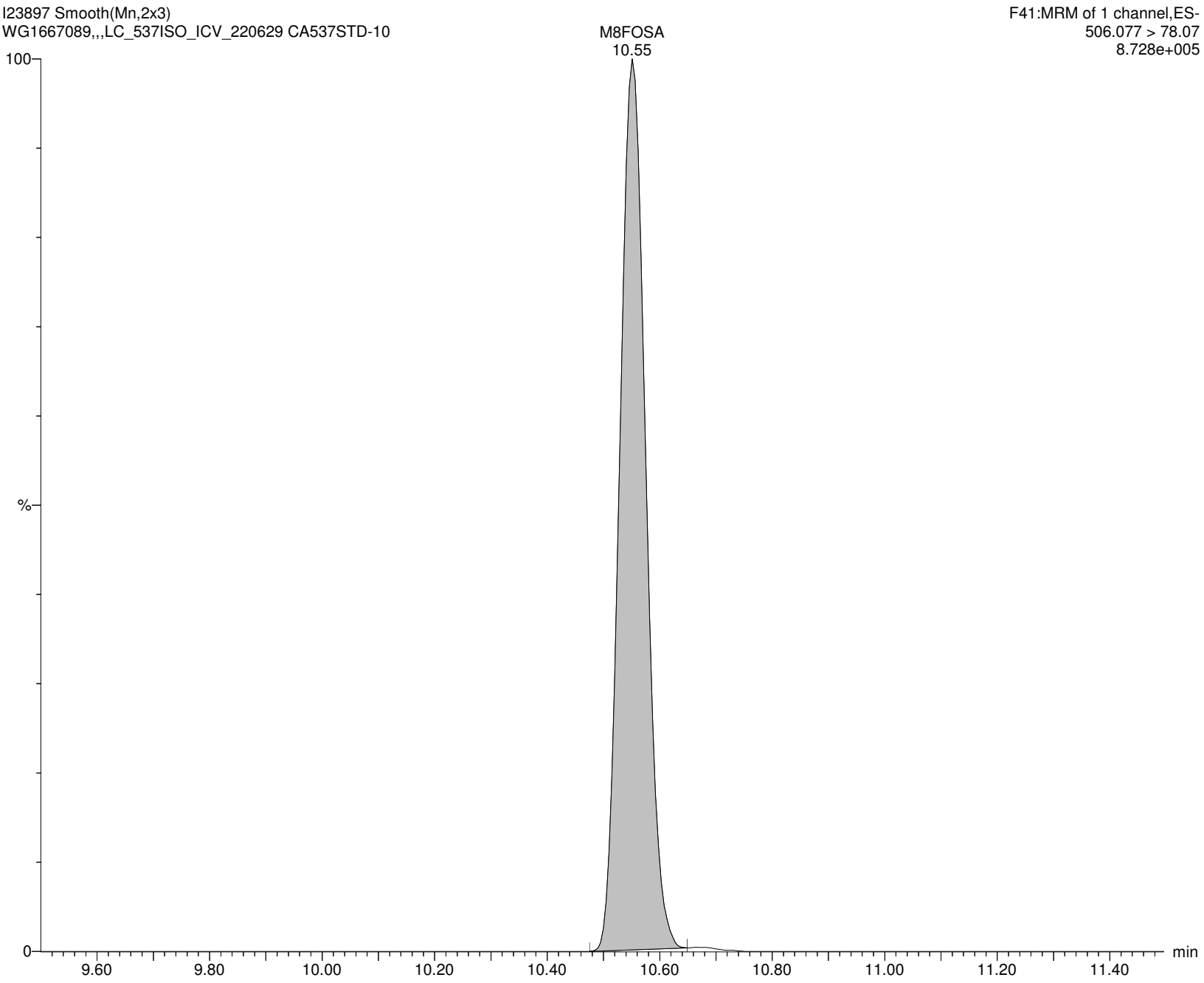


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M8FOSA

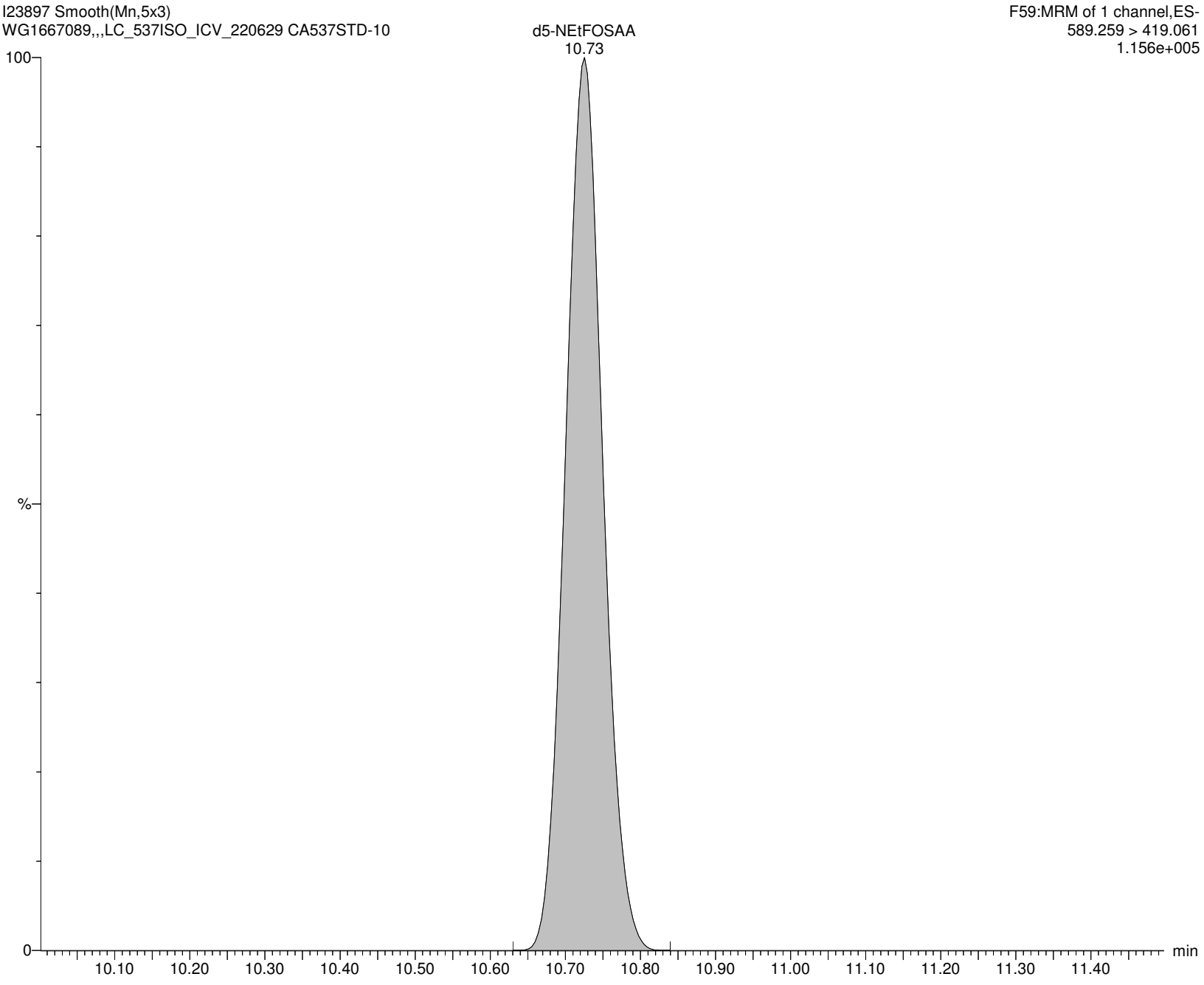


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

d5-NEtFOSAA

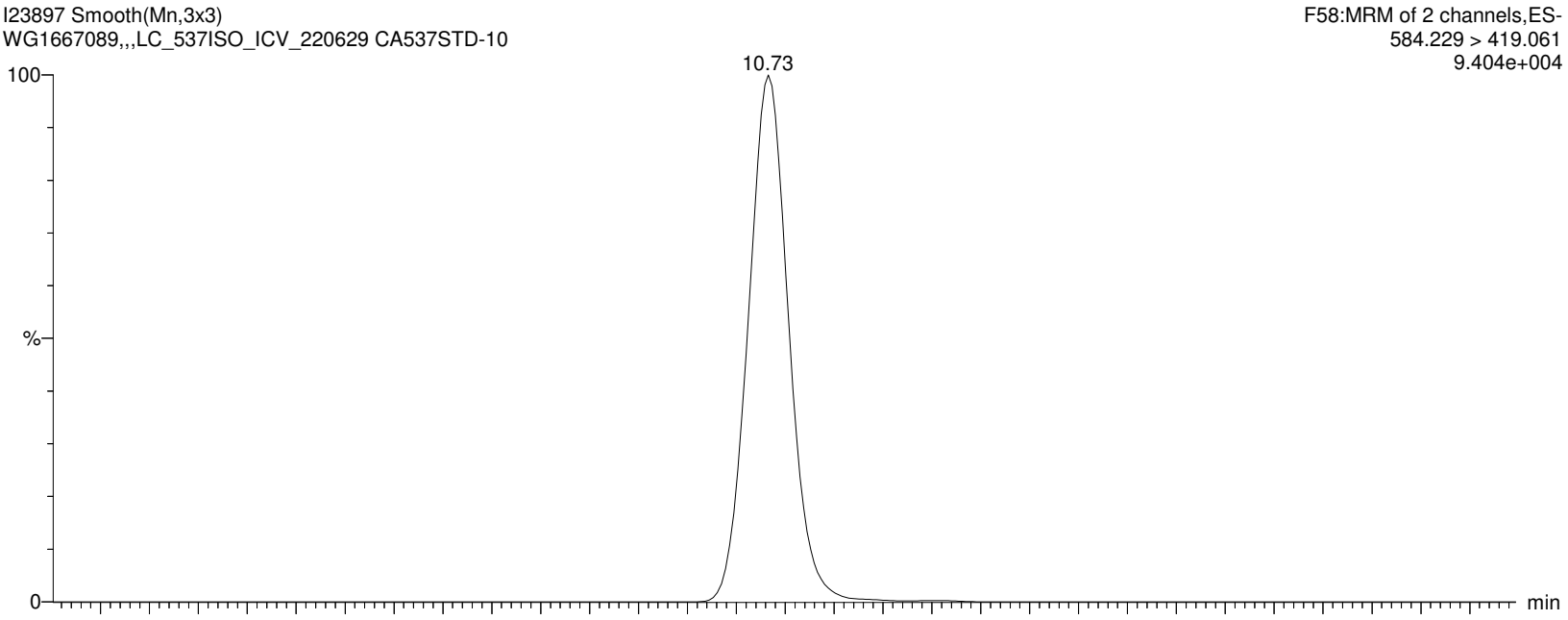


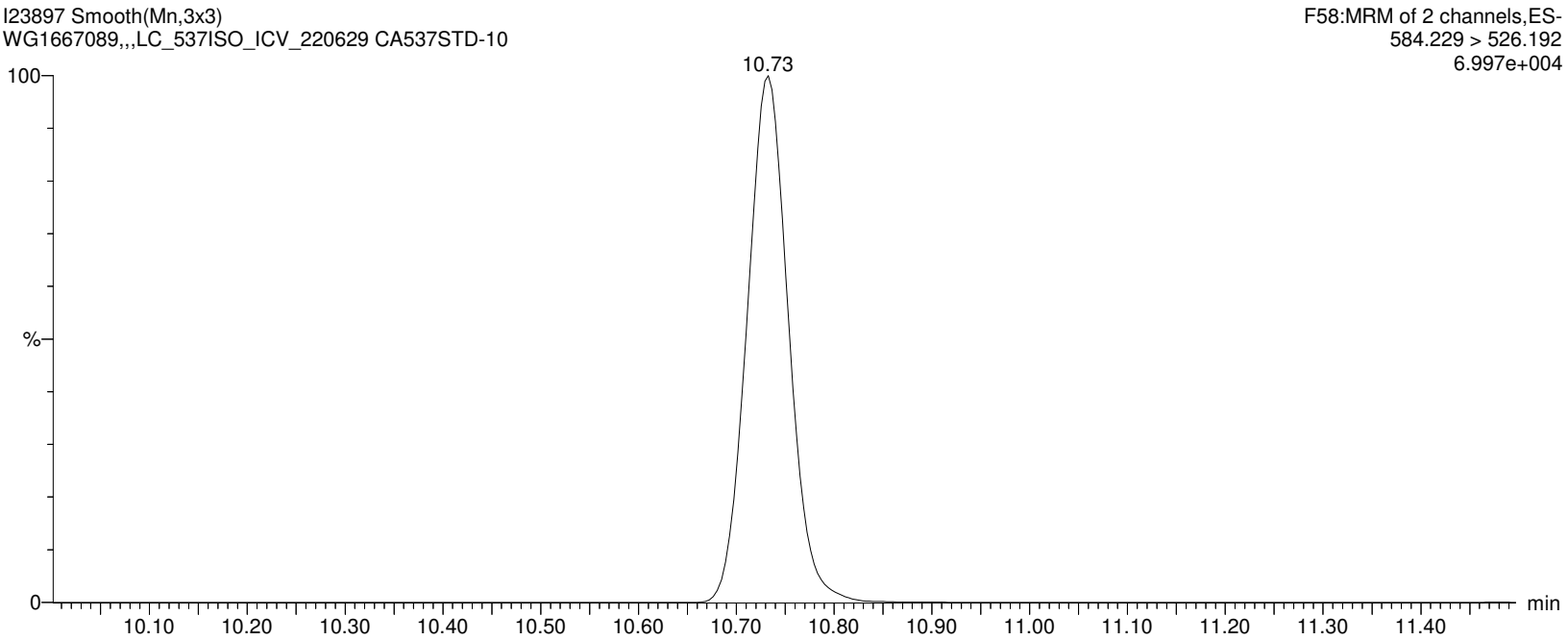
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

br-NEtFOSAA



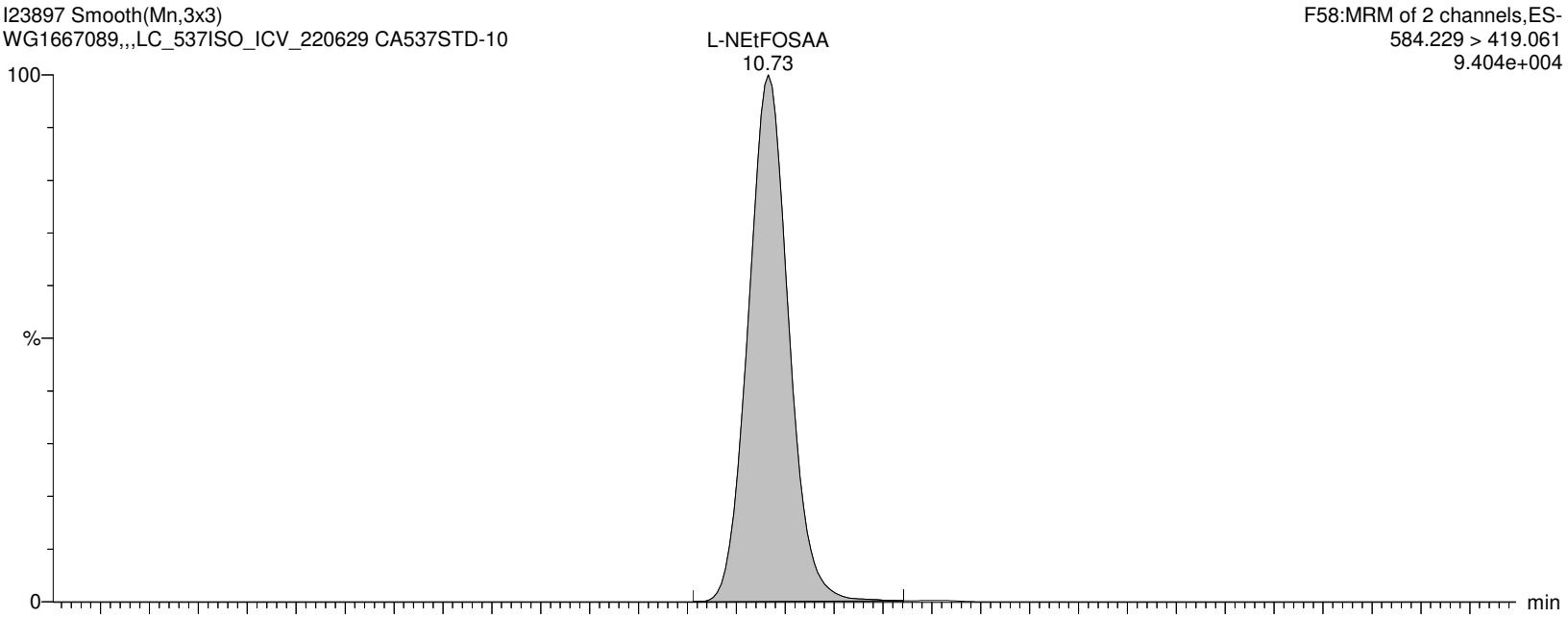


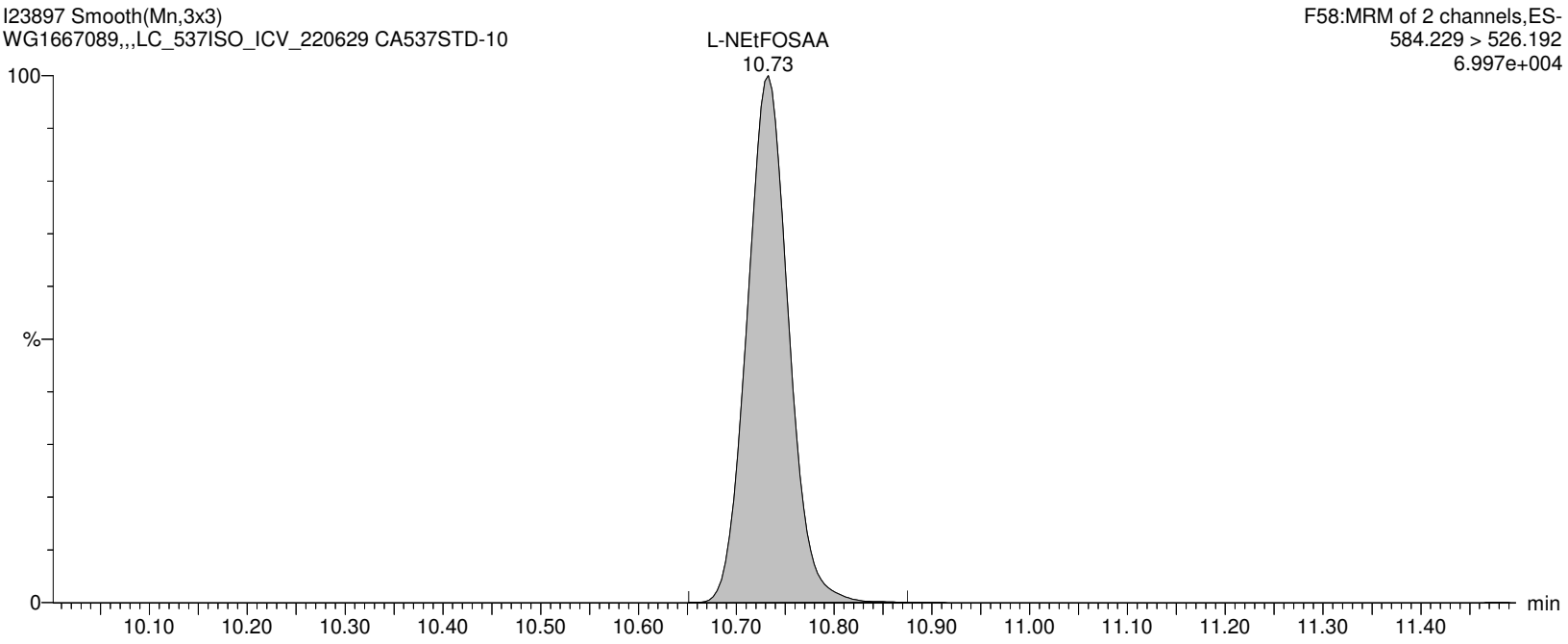
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

L-NEtFOSAA



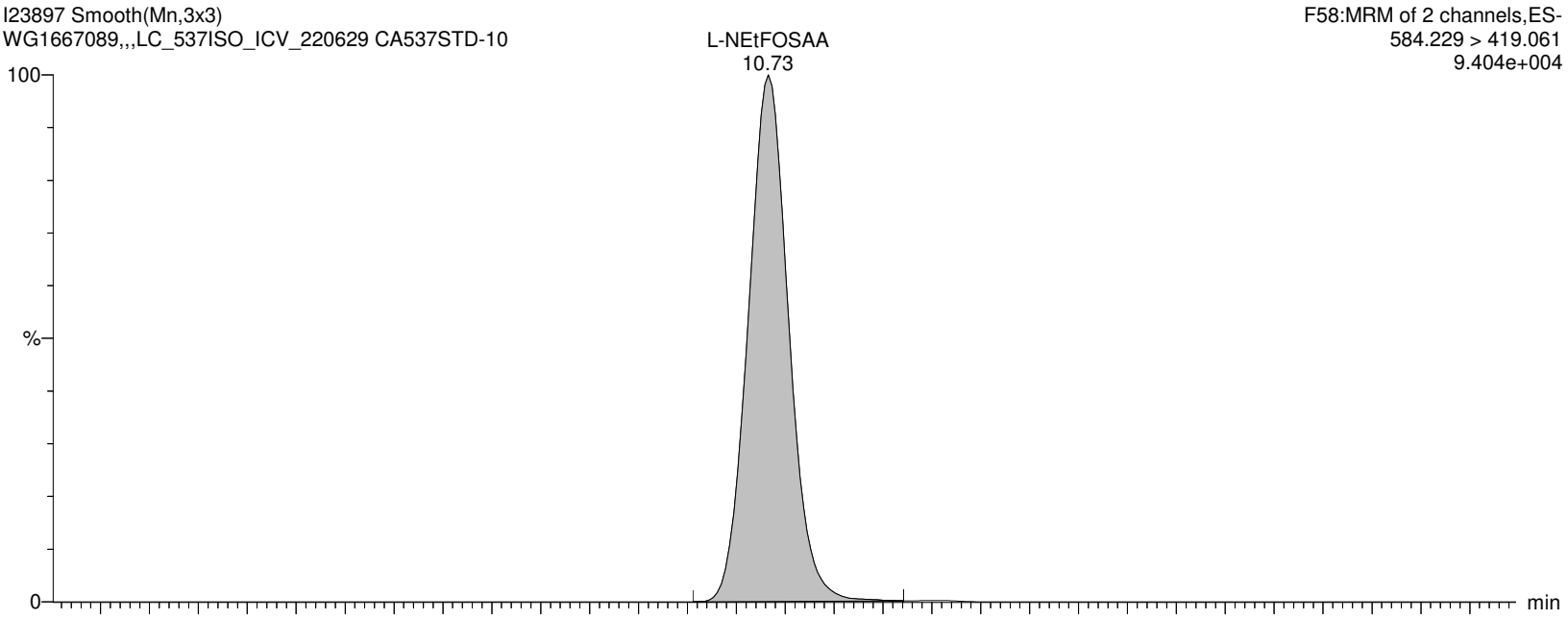


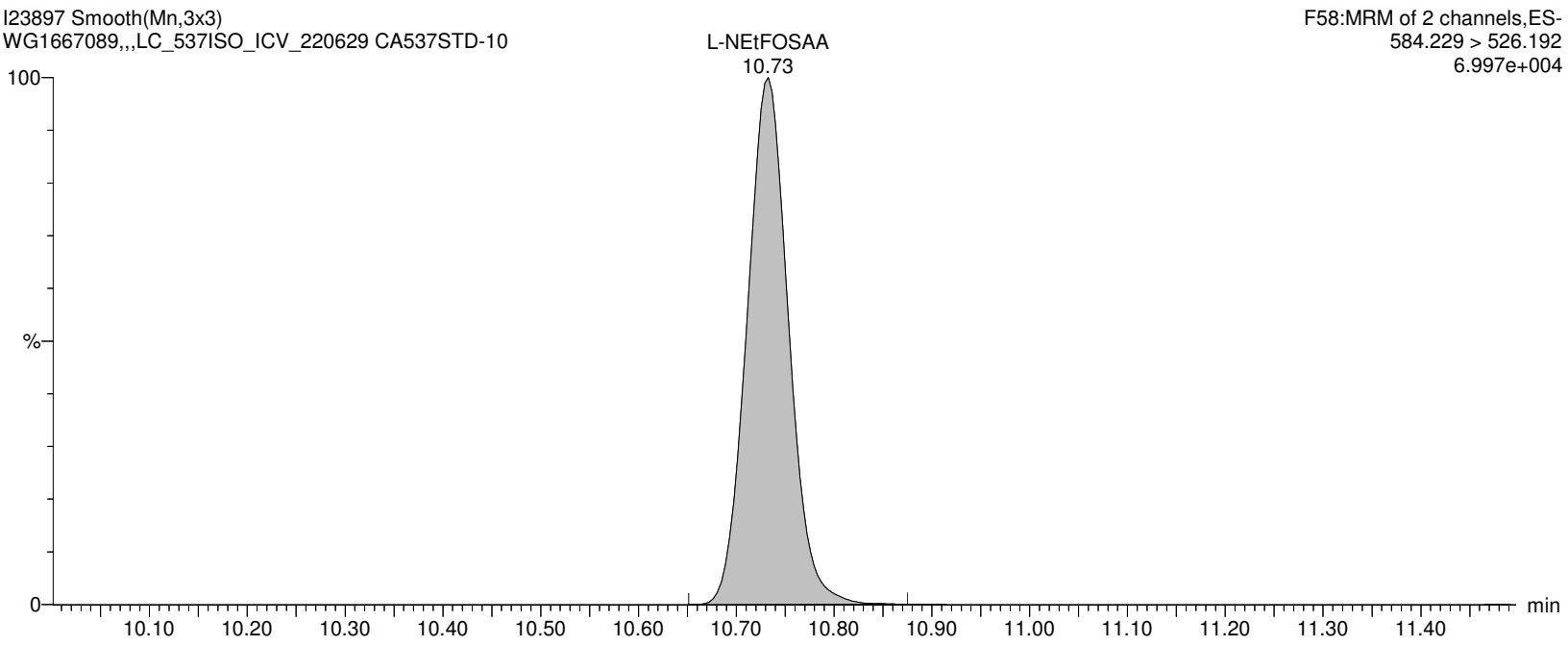
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NEtFOSAA



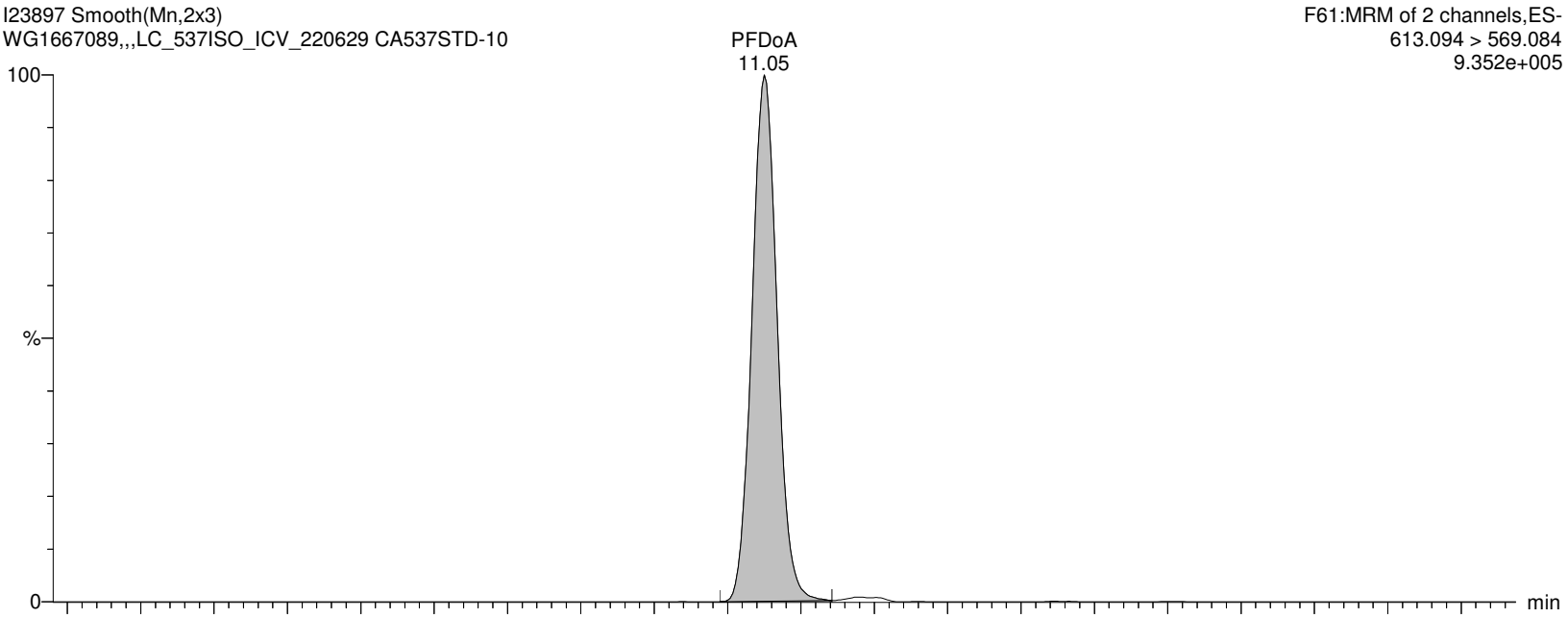


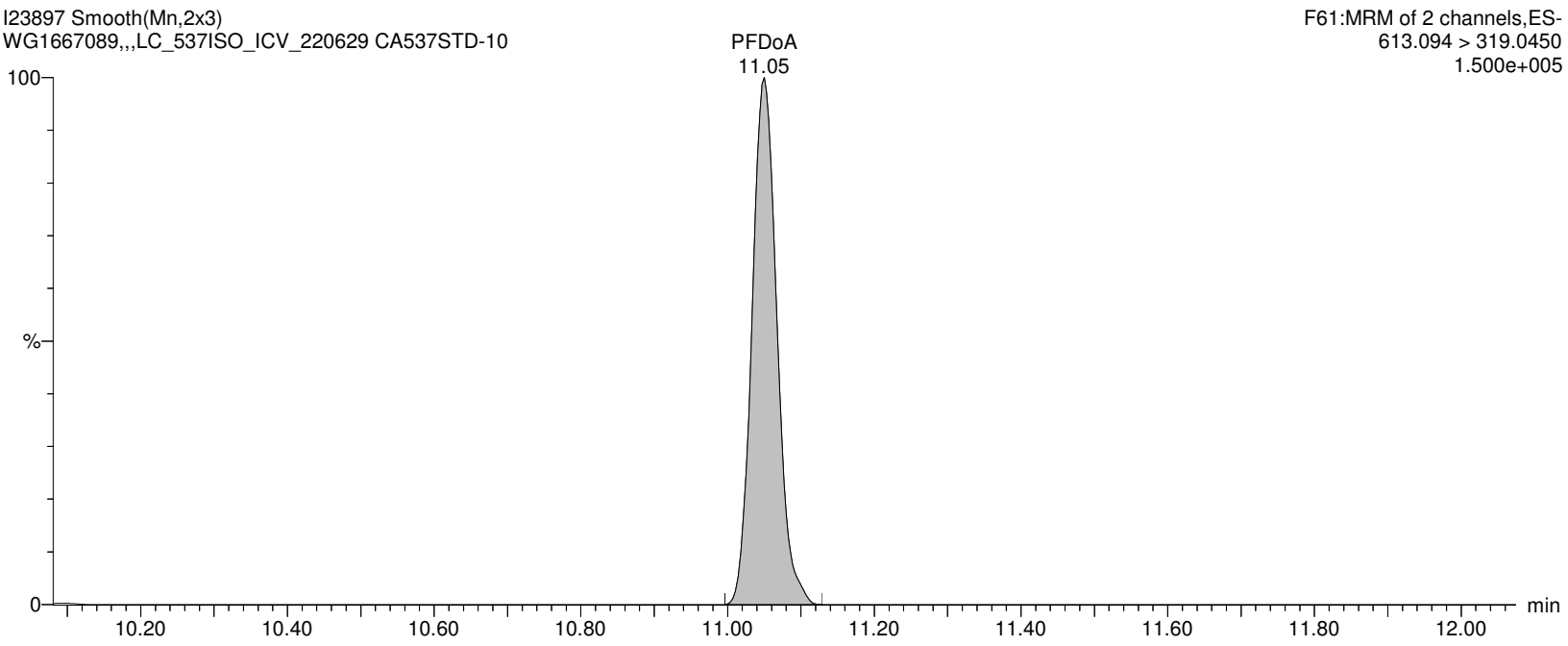
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFDoA



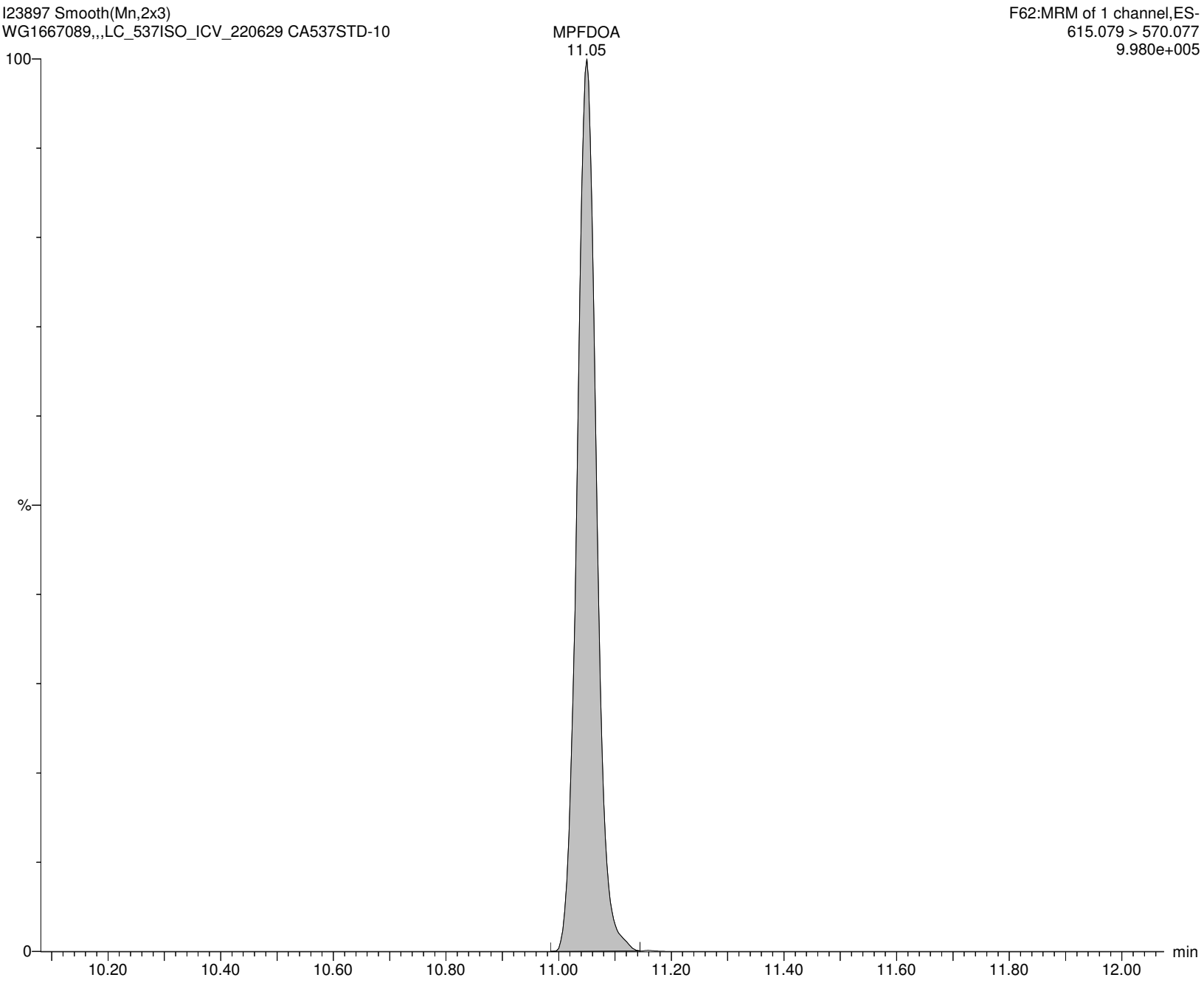


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

MPFDOA

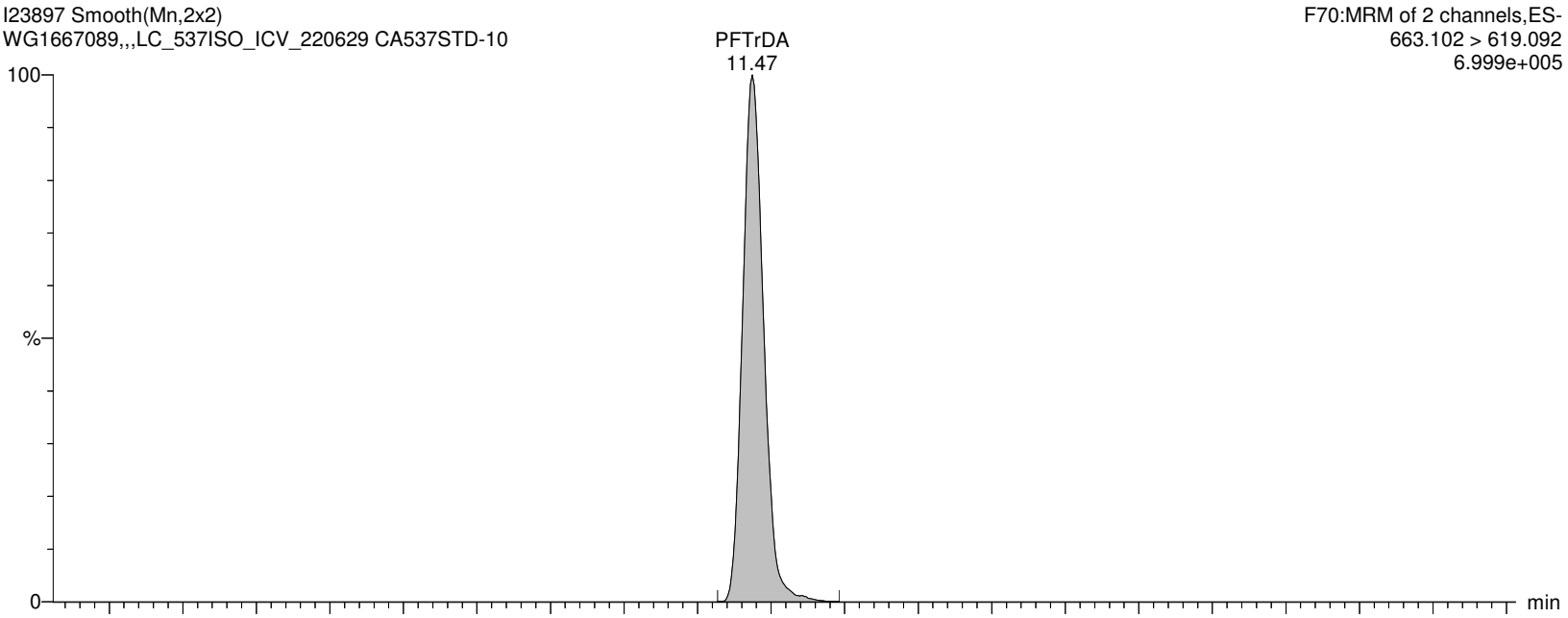


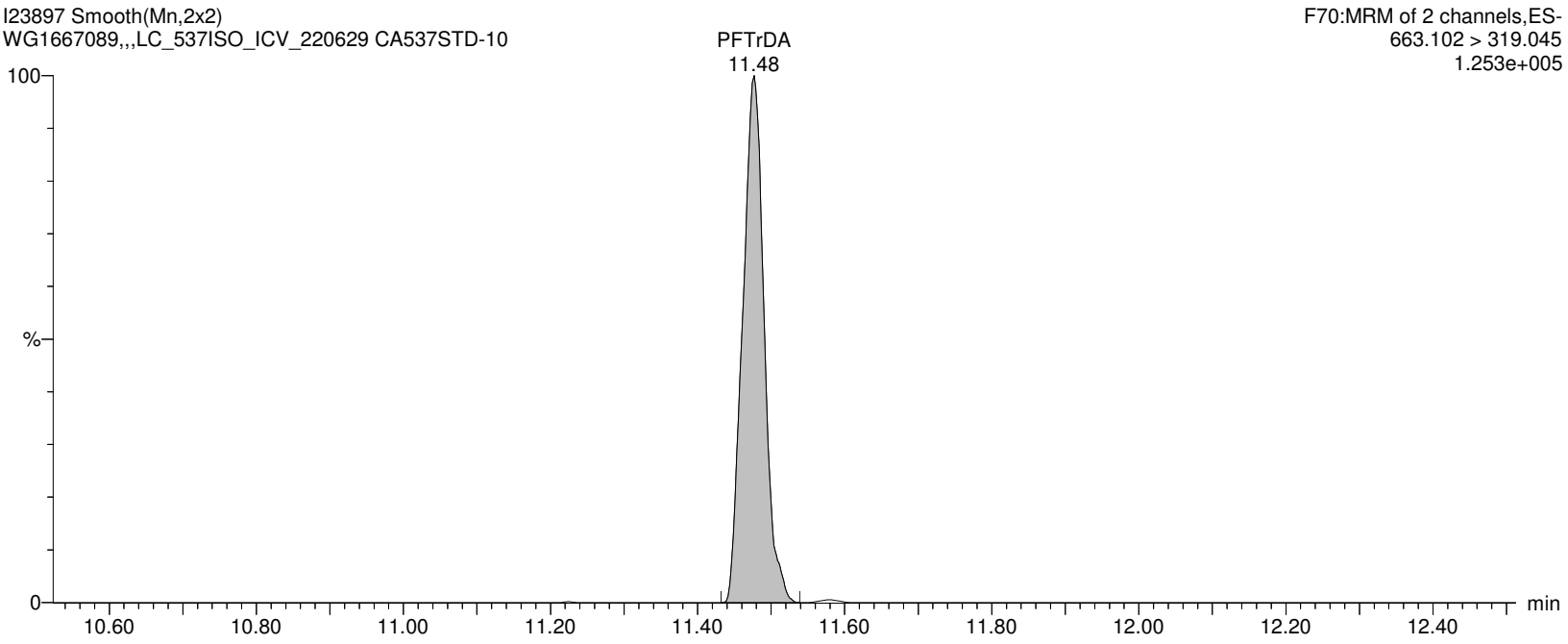
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFTrDA



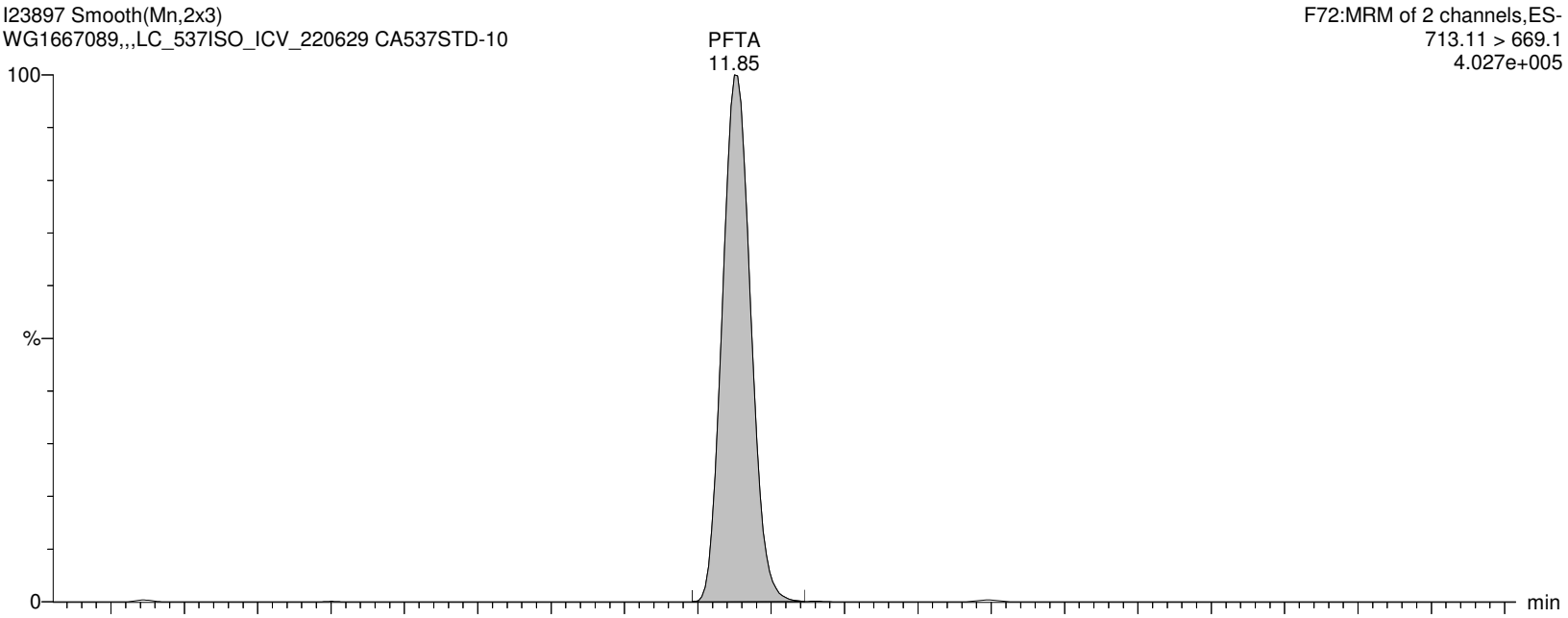


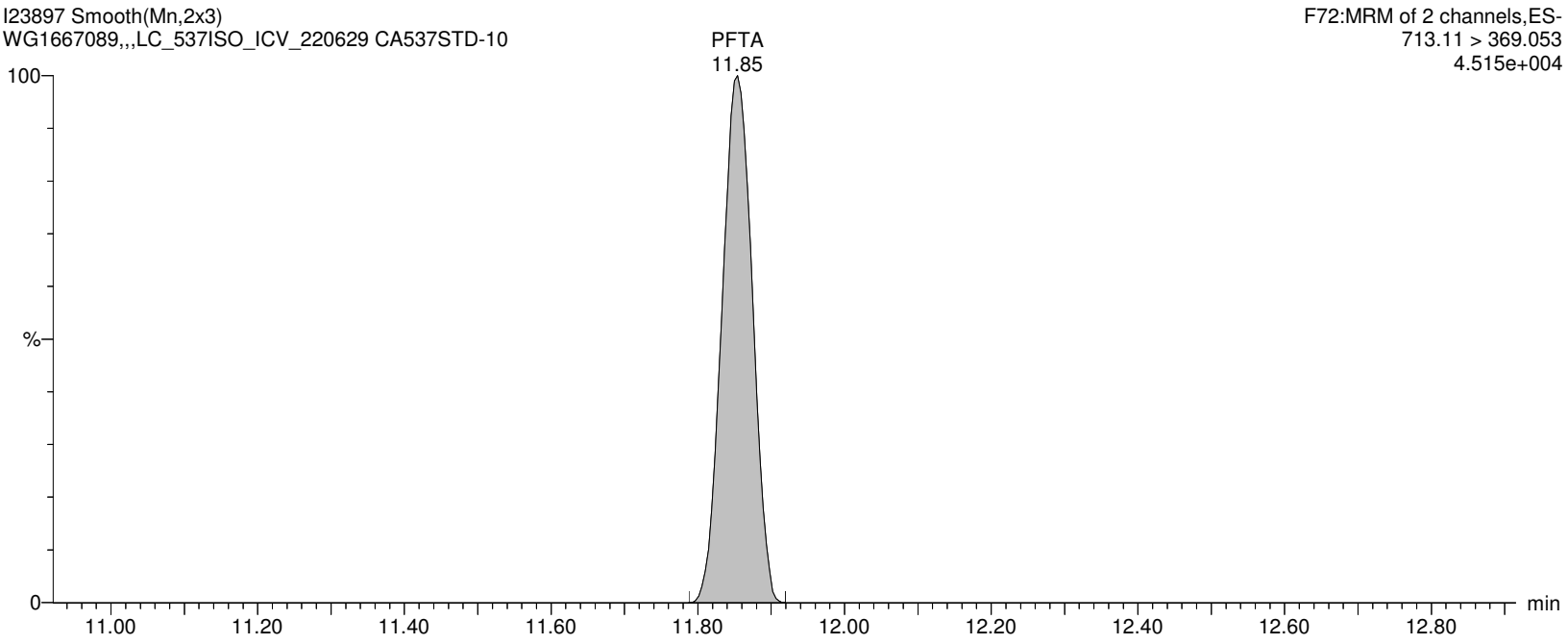
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFTA



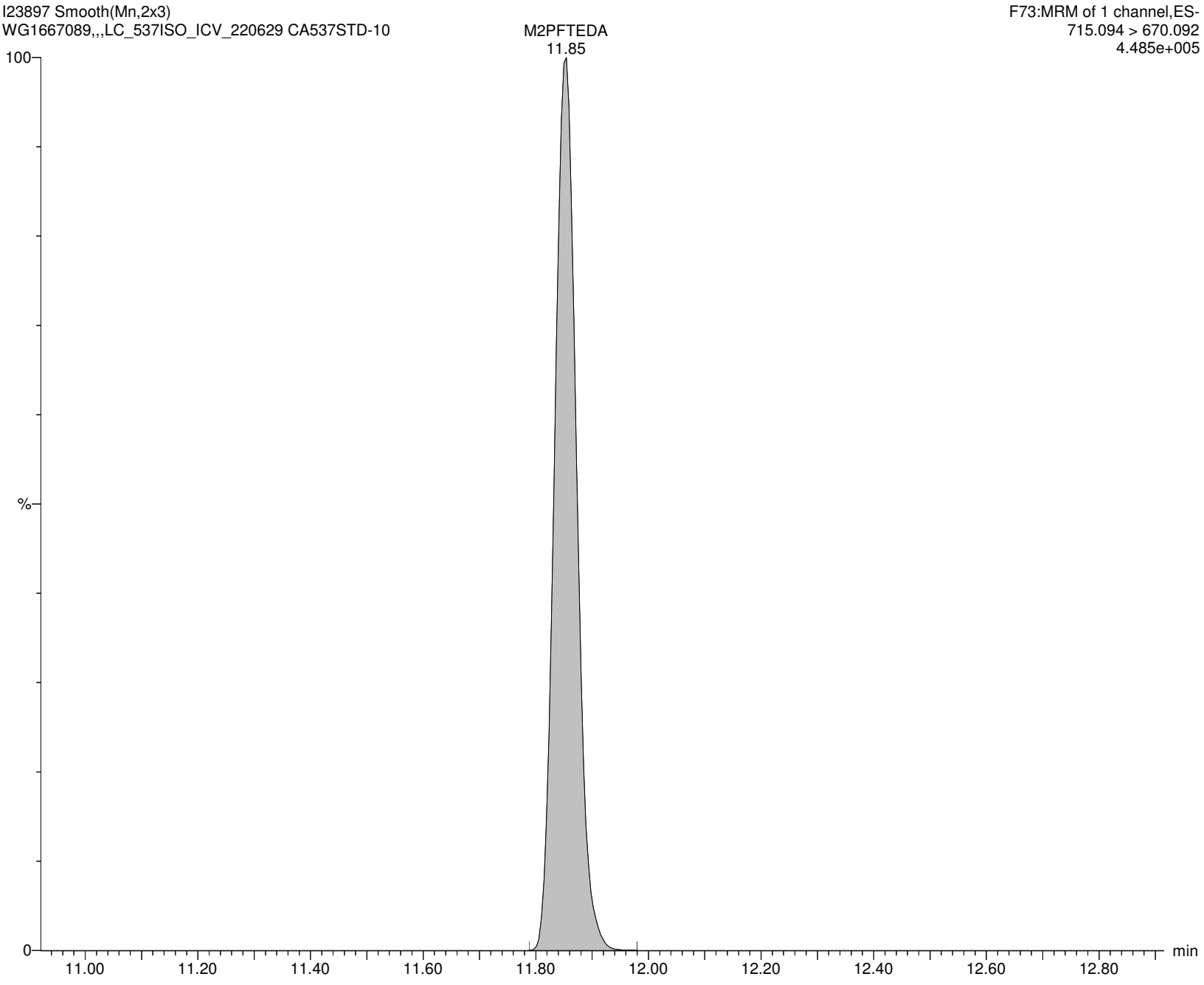


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2PFTEDA

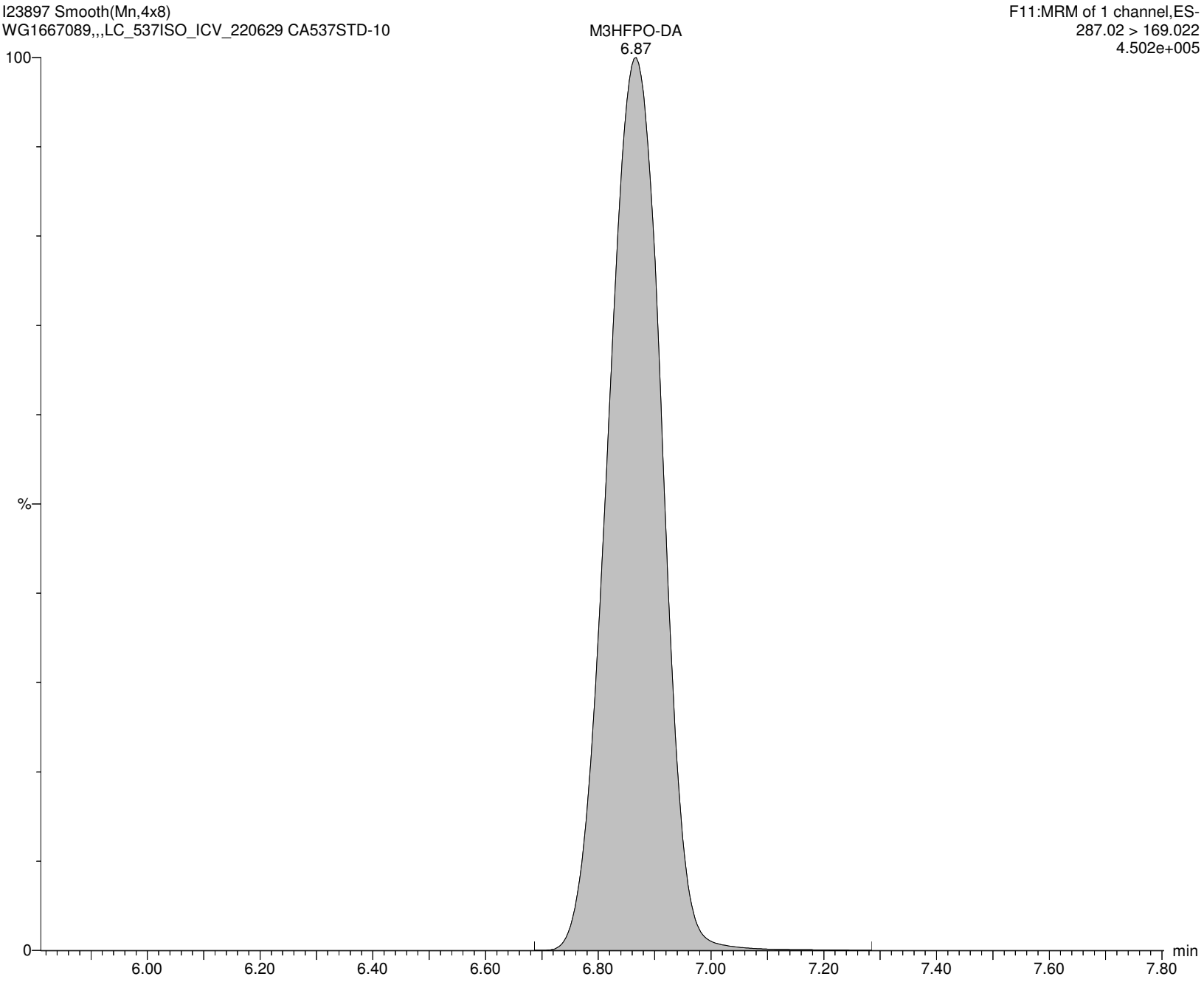


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M3HFPO-DA

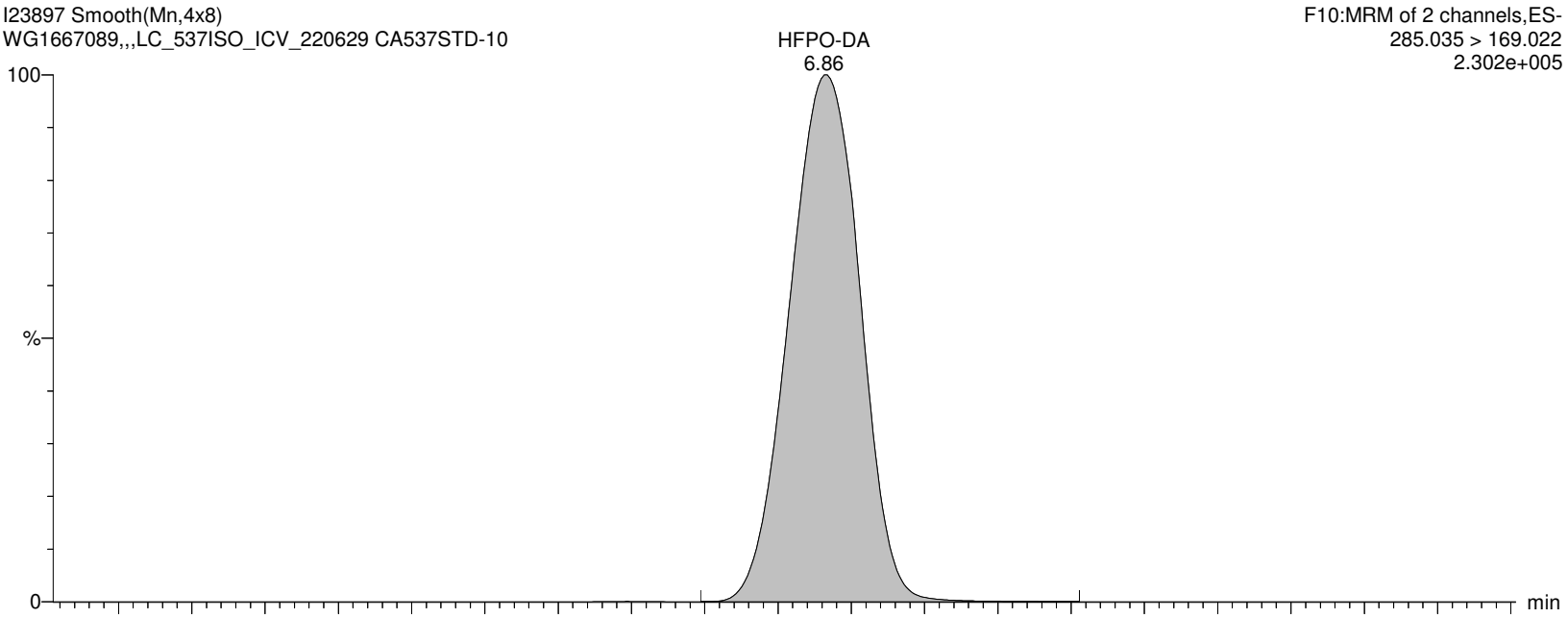


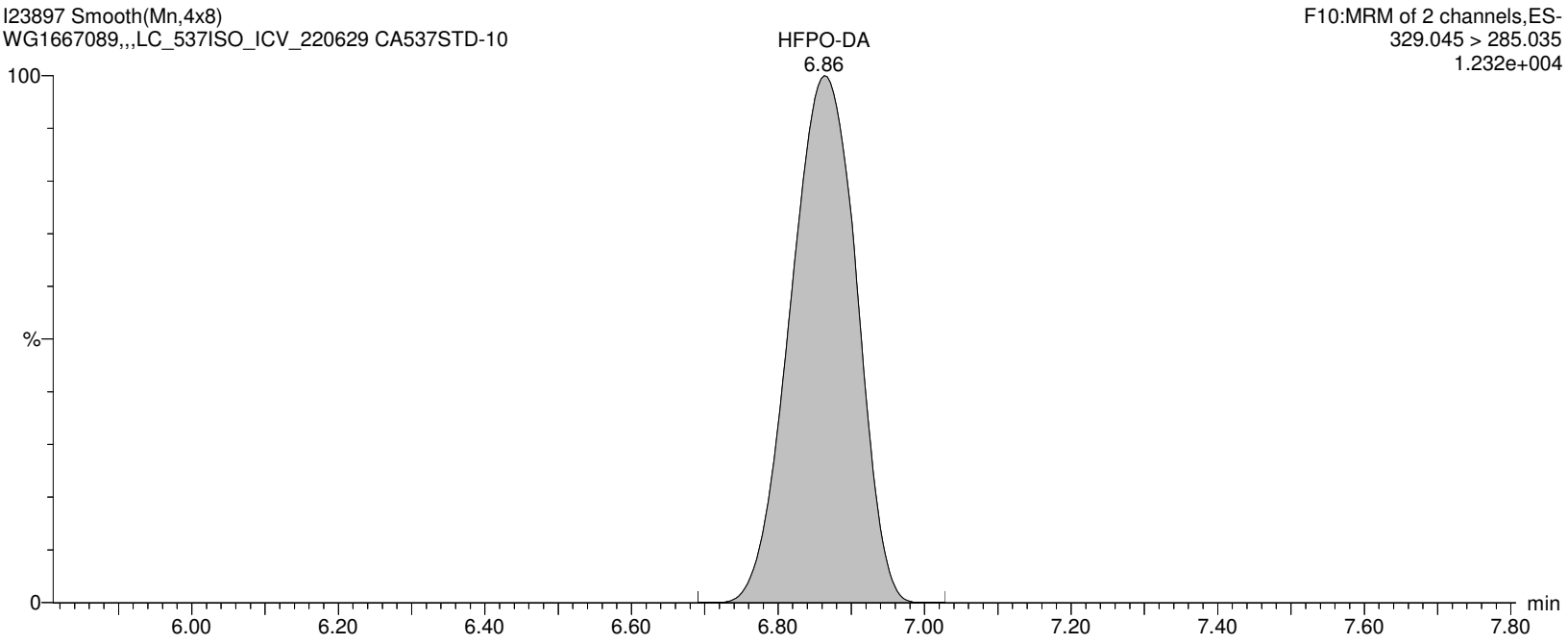
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

HFPO-DA



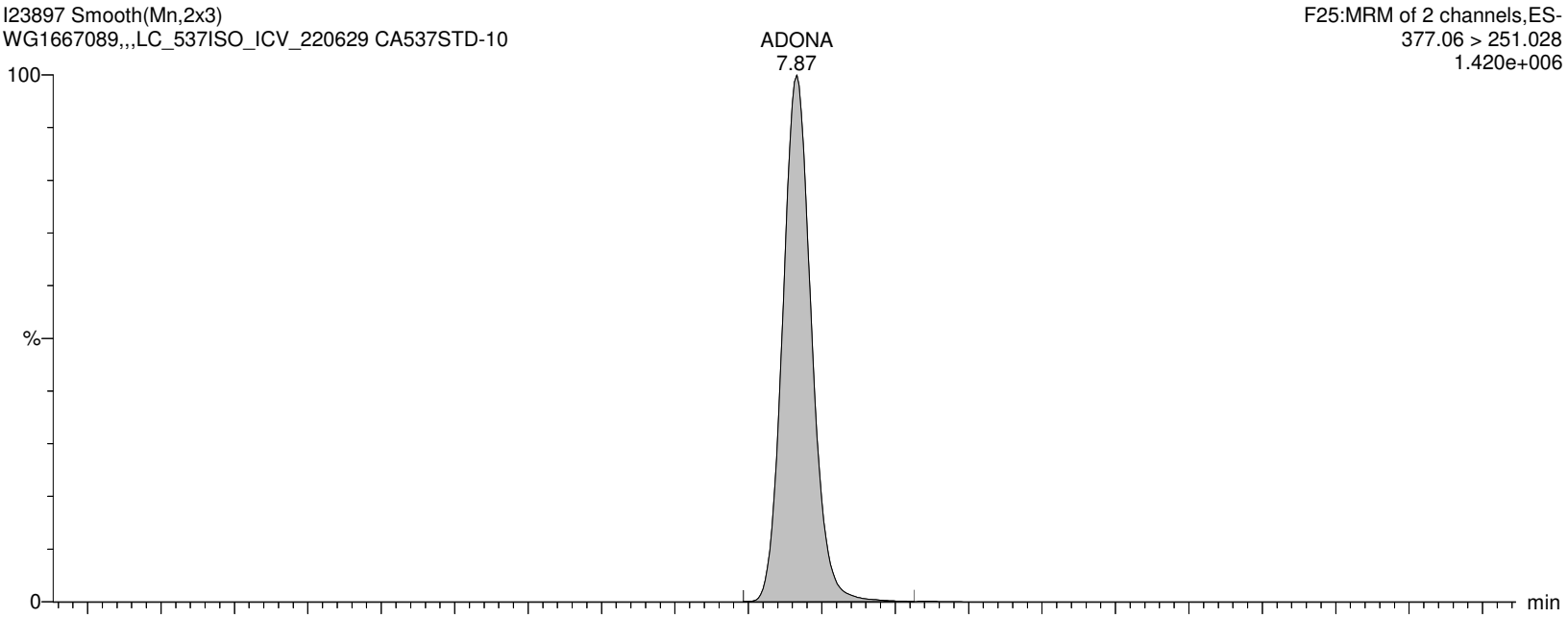


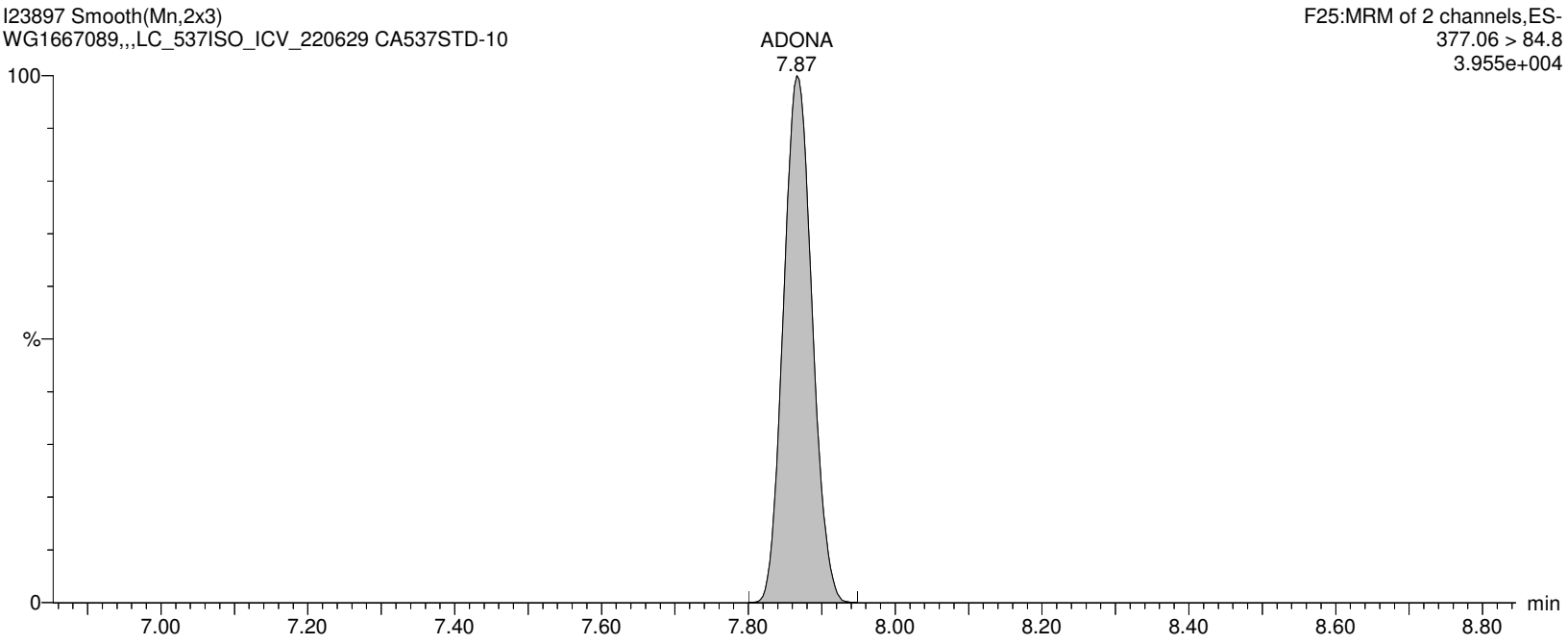
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

ADONA



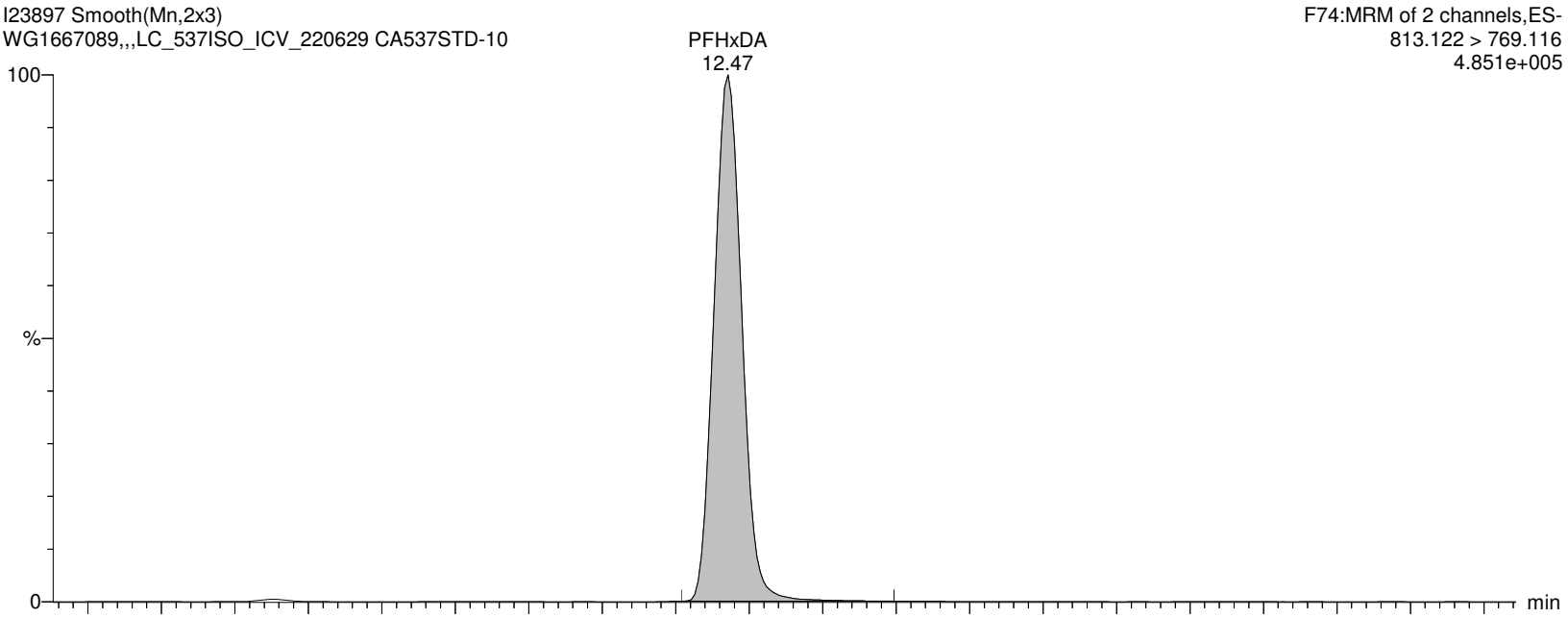


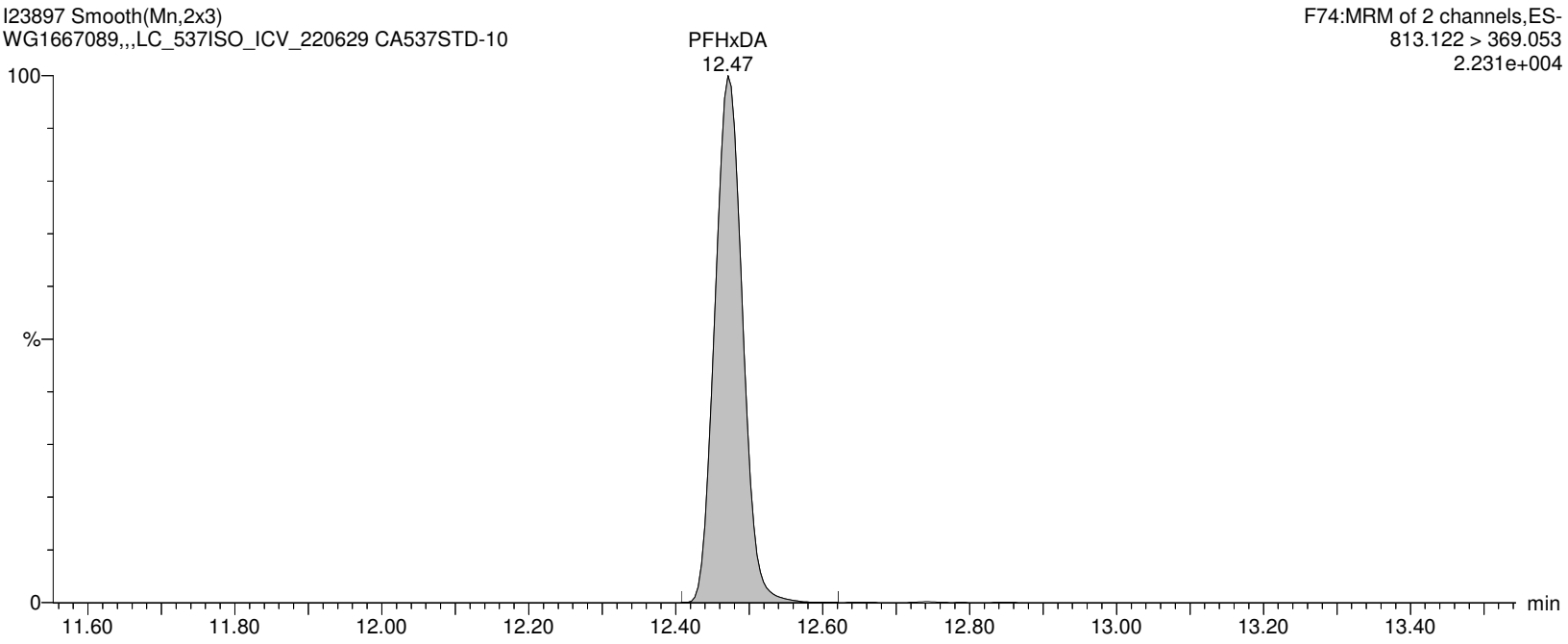
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFHxDA



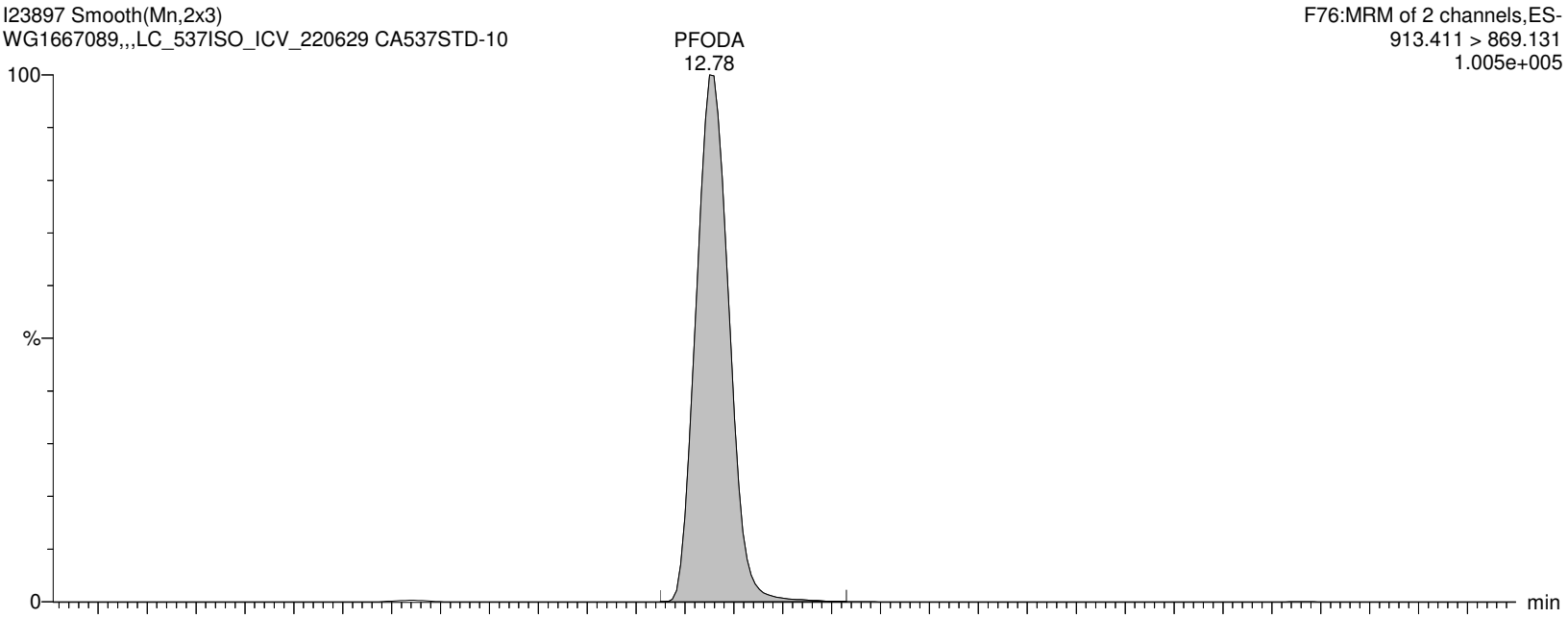


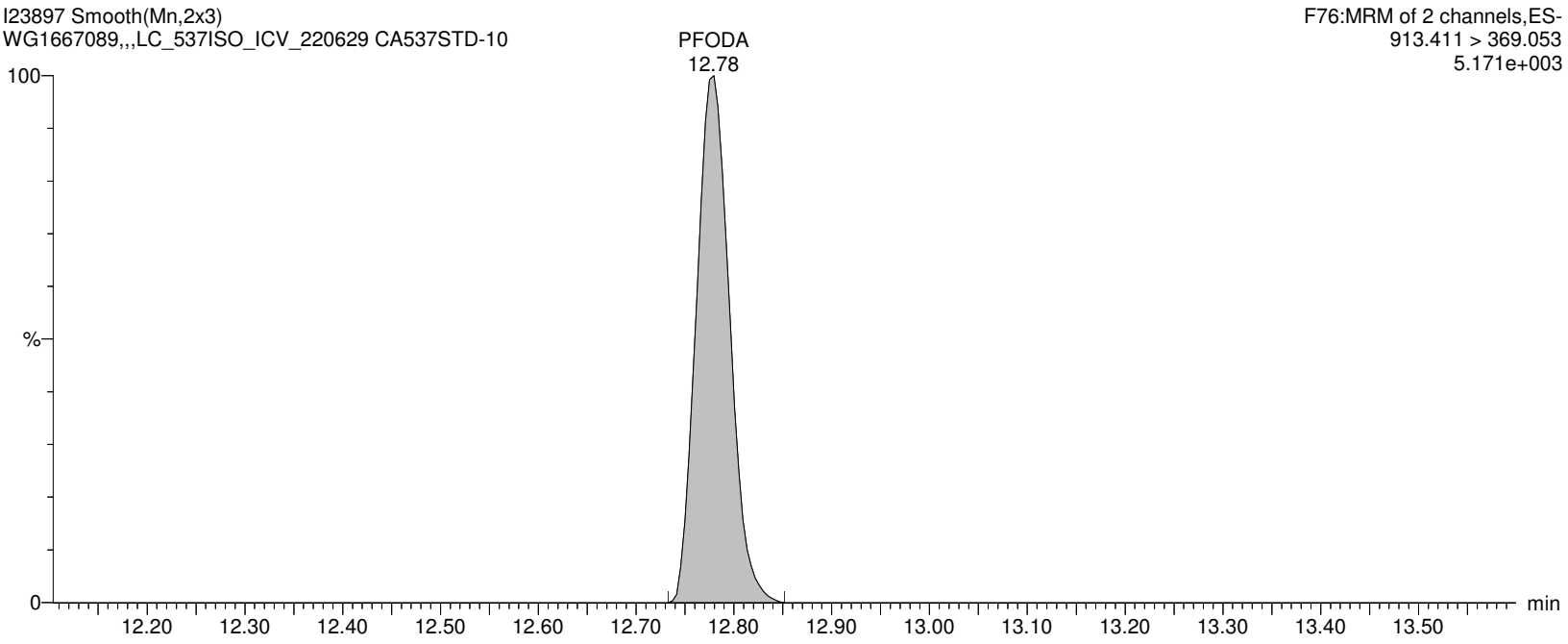
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFODA



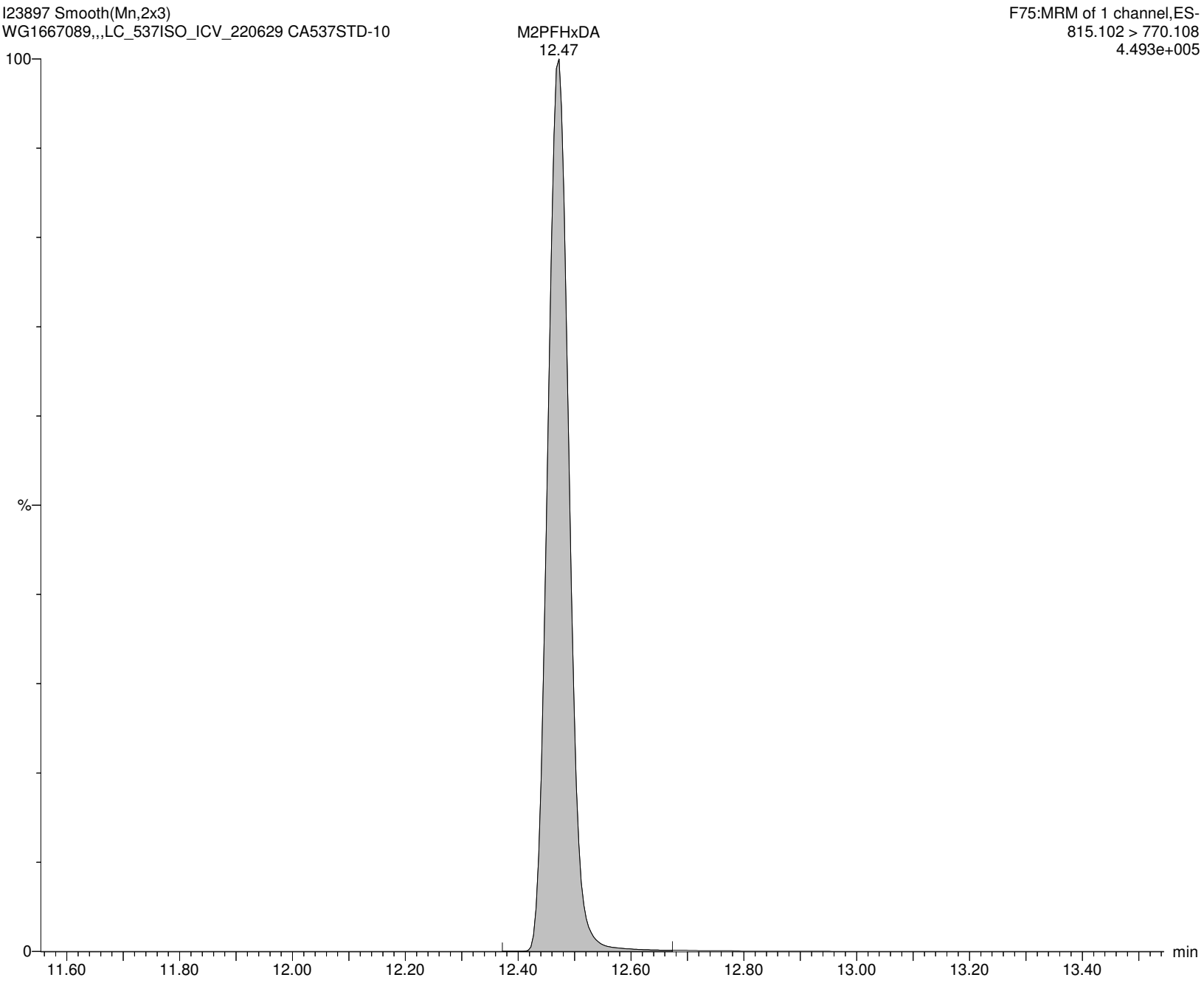


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2PFHxDA

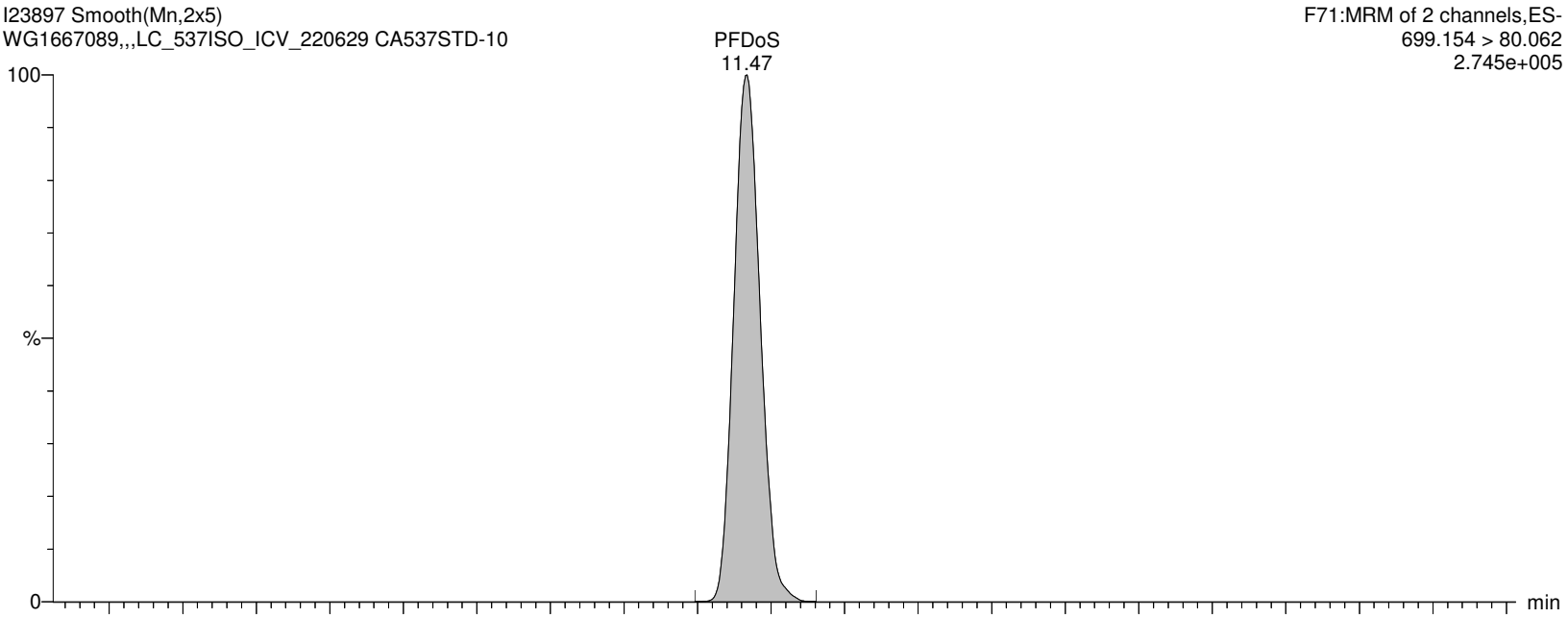


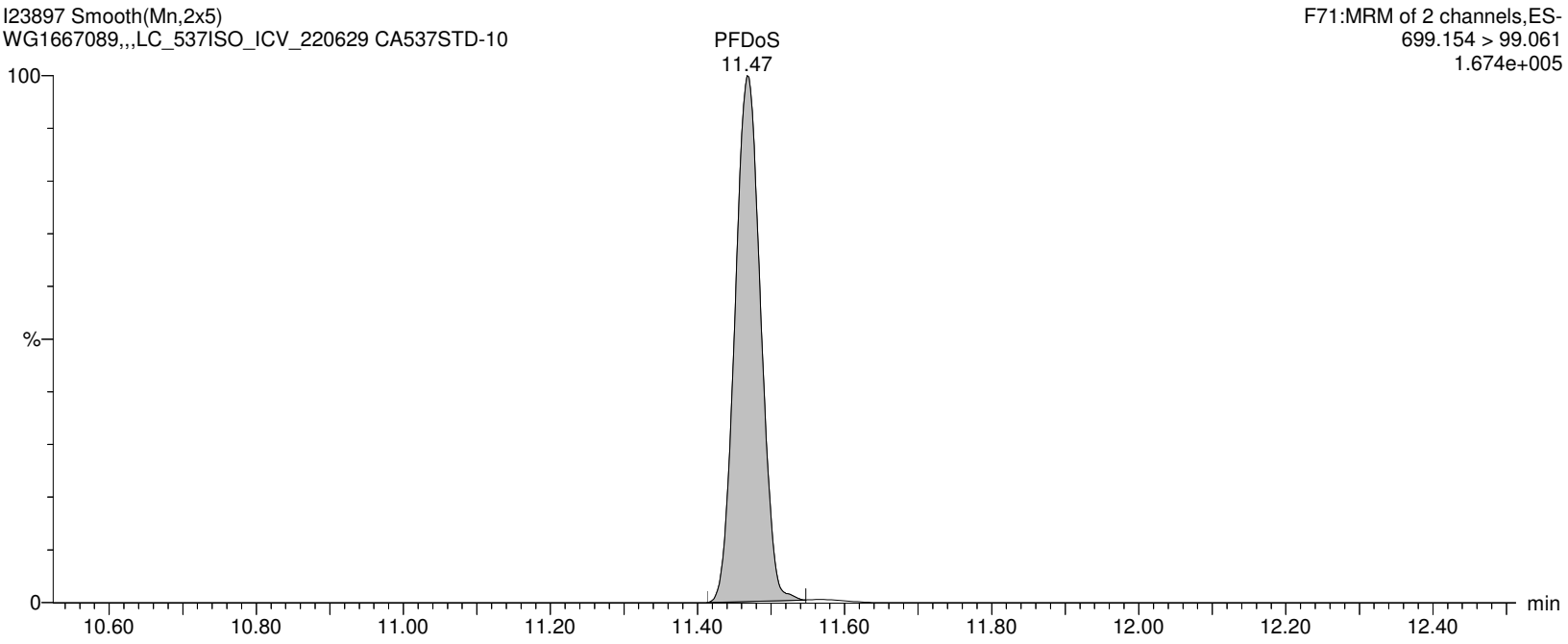
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFDoS



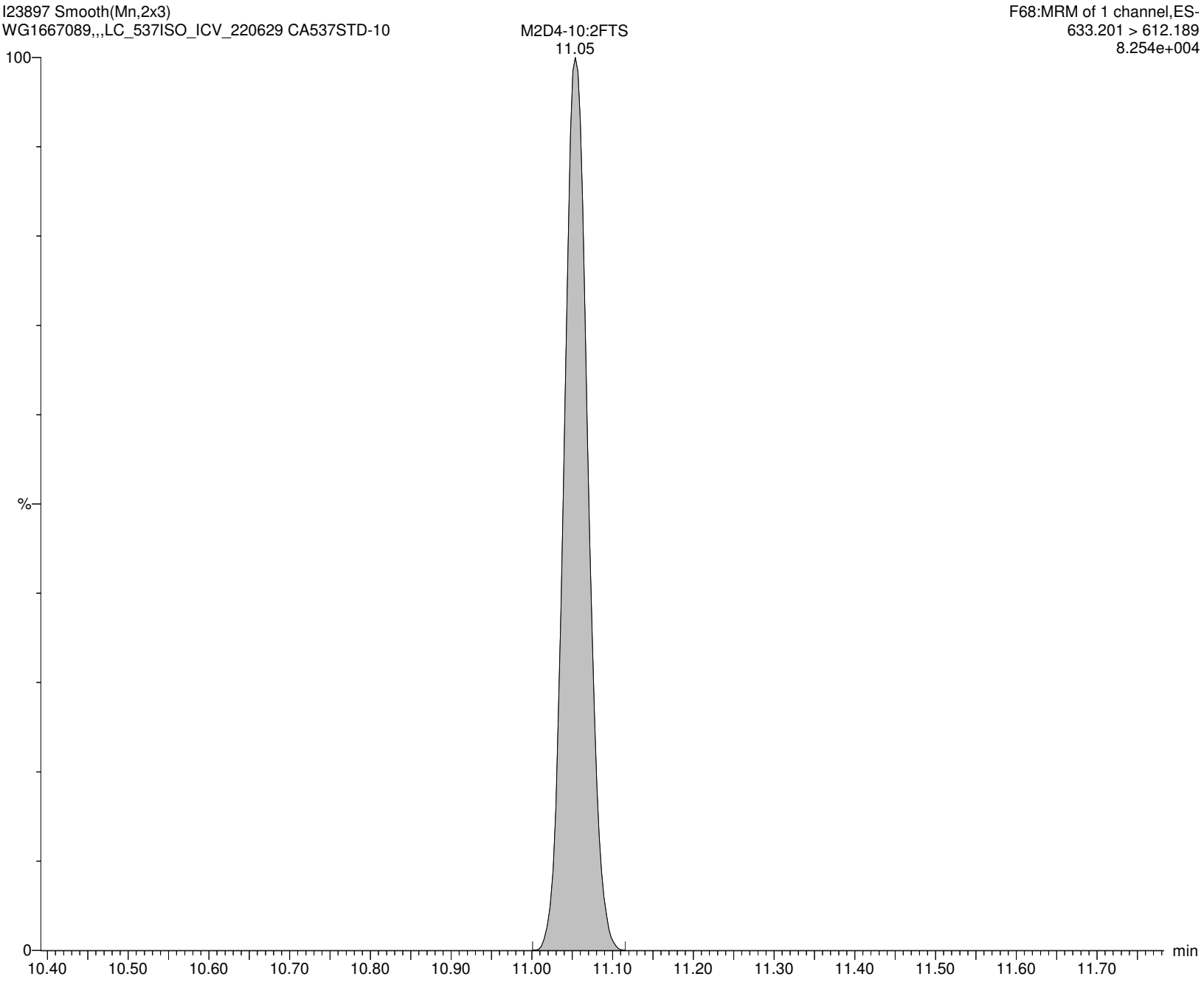


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2D4-10:2FTS

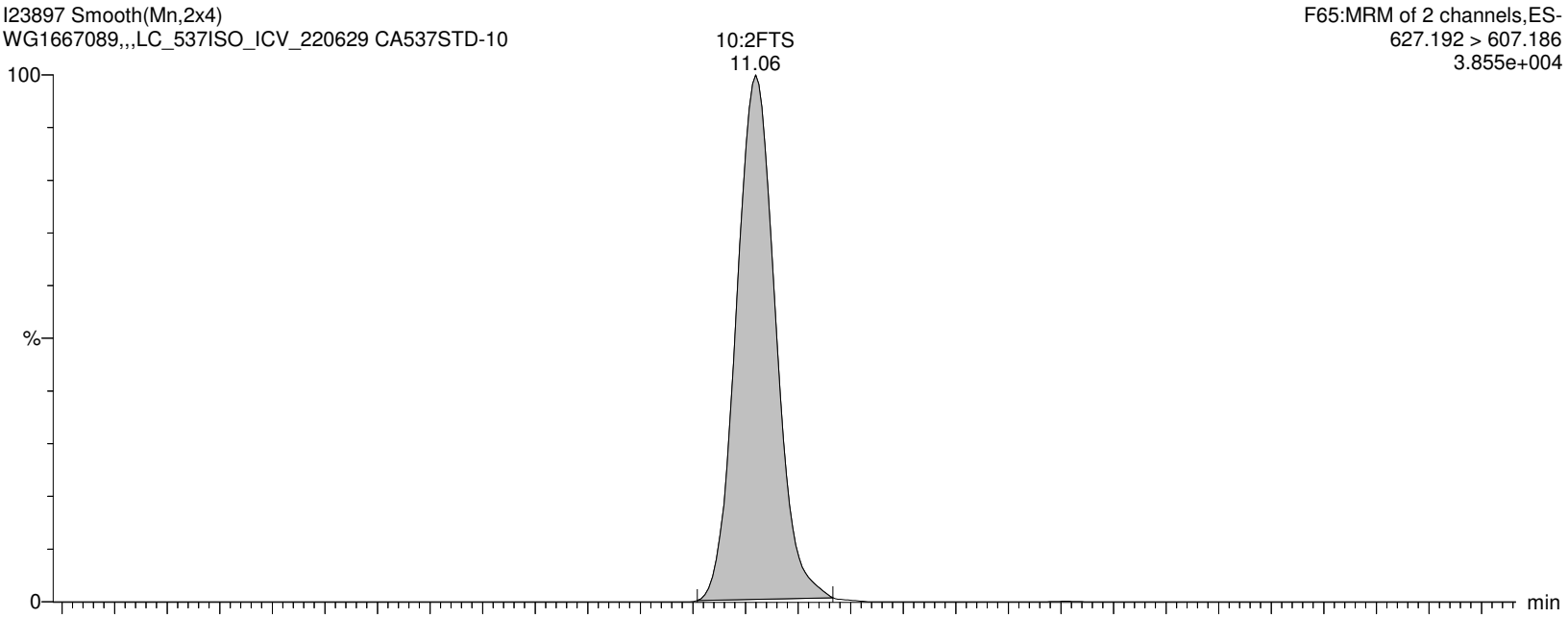


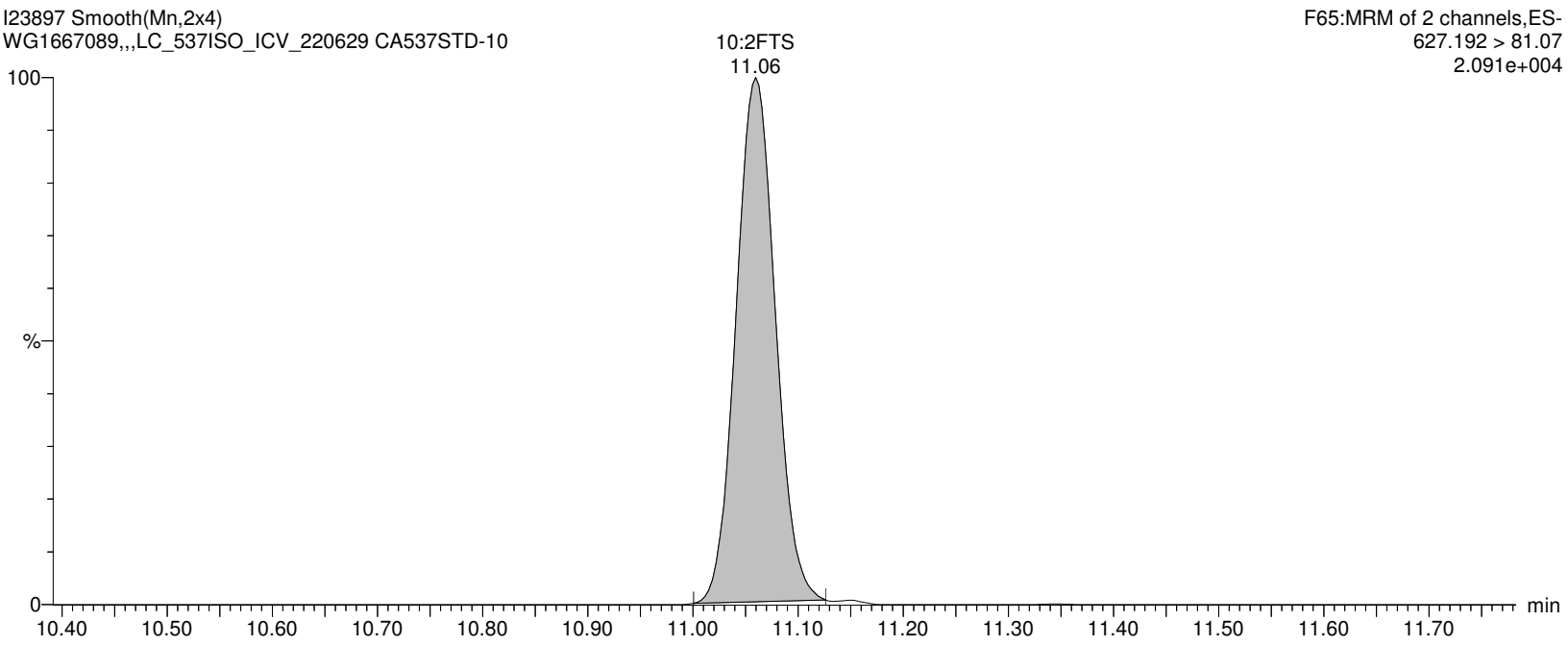
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

10:2FTS



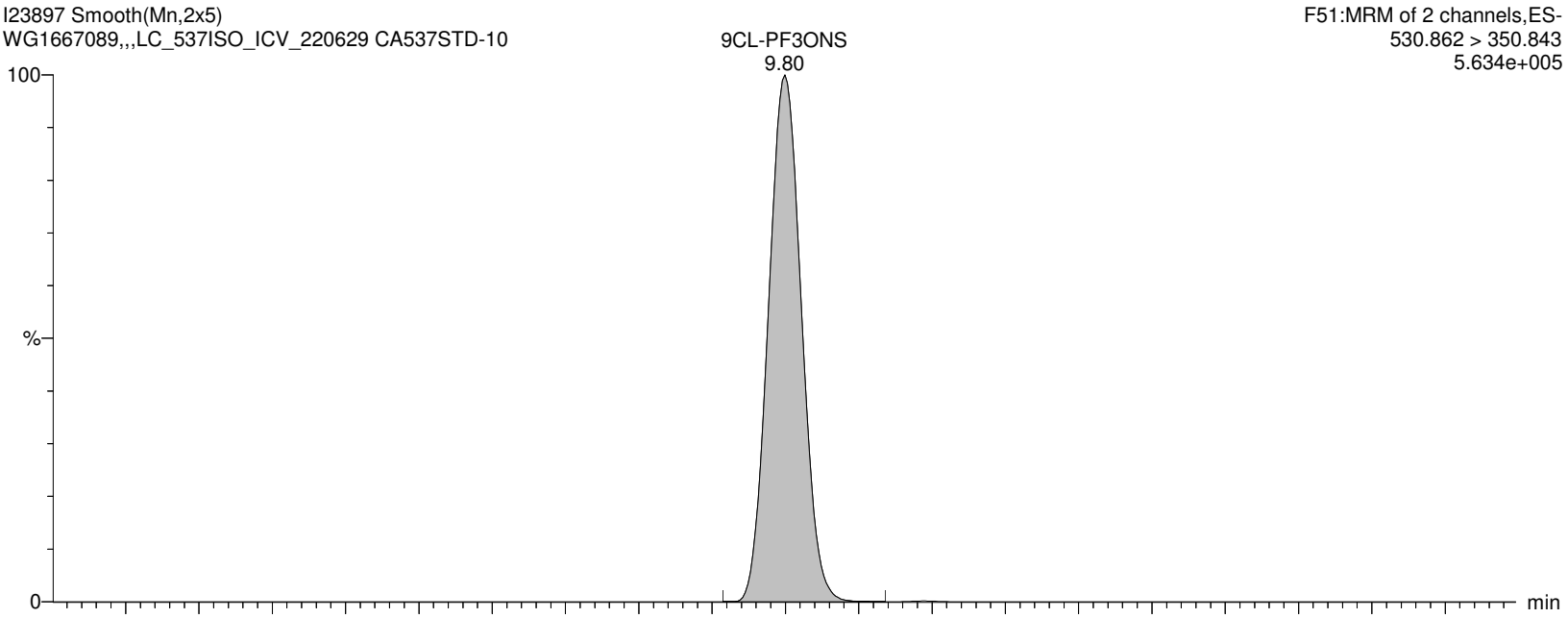


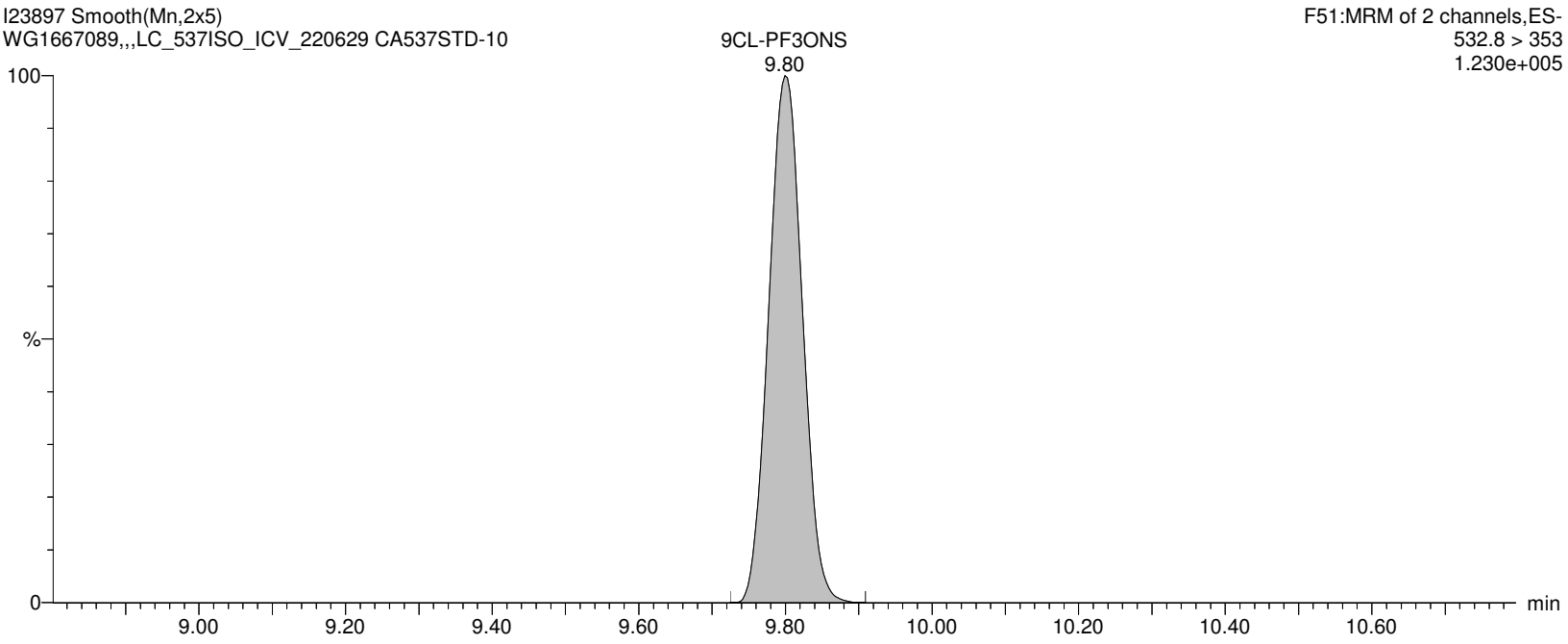
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

9CL-PF3ONS



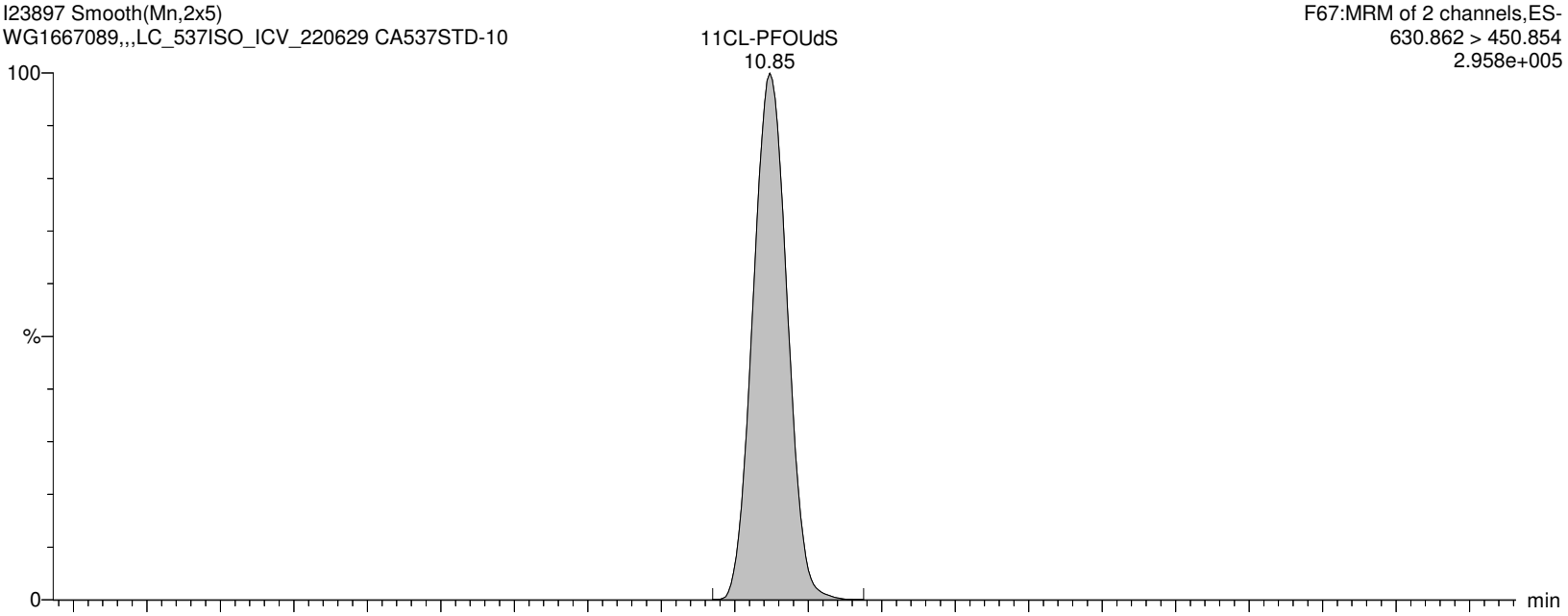


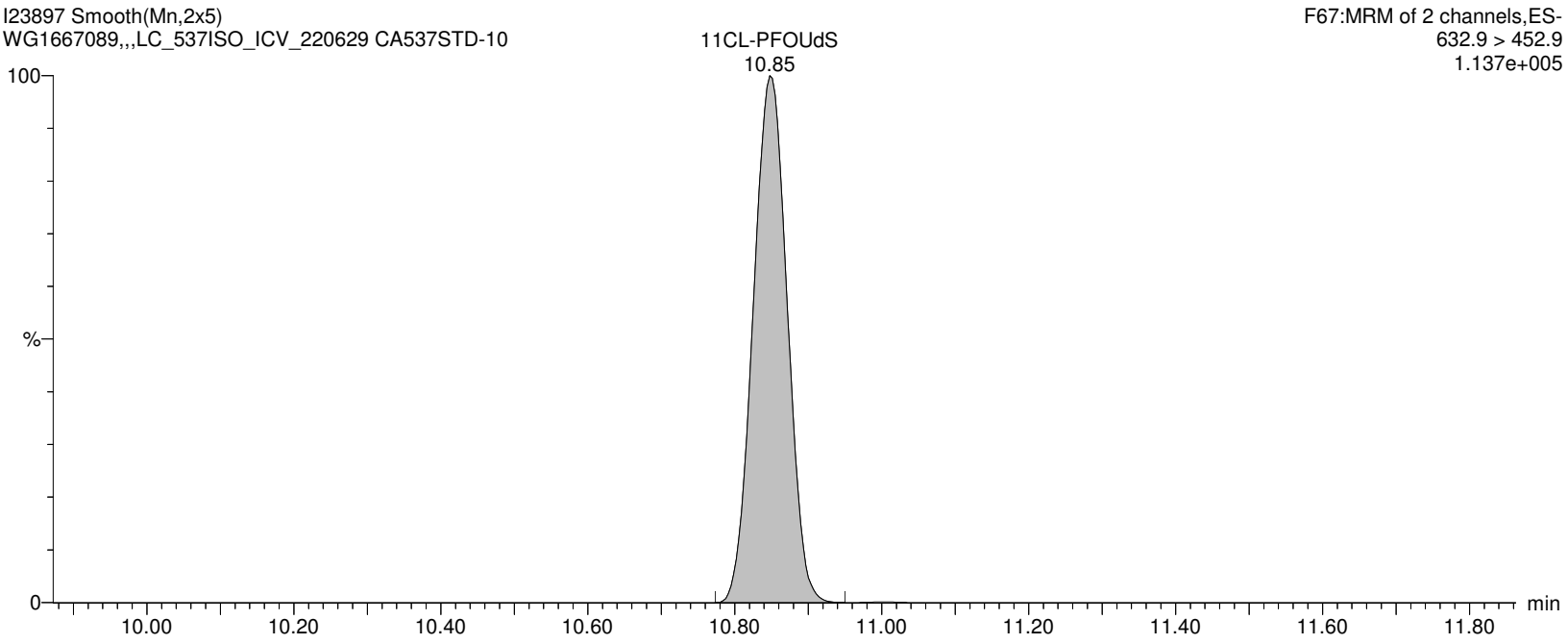
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

11CL-PFOUdS



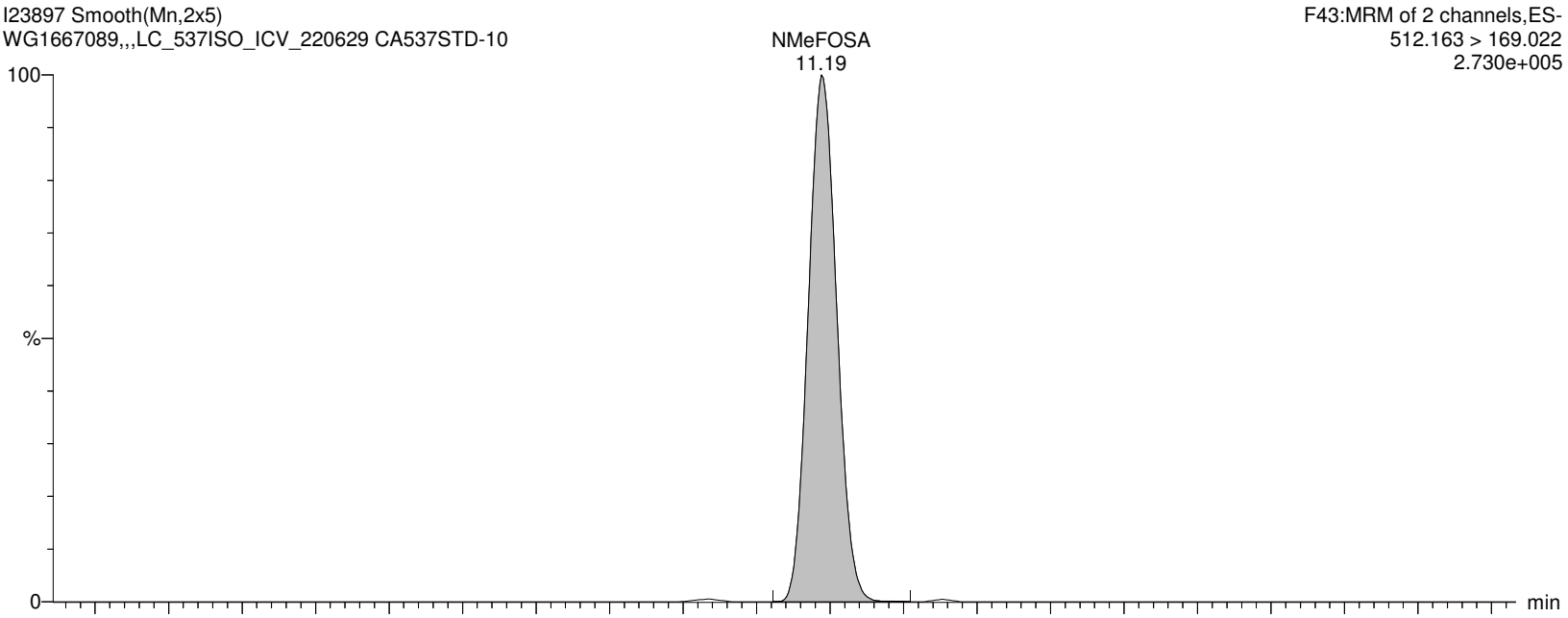


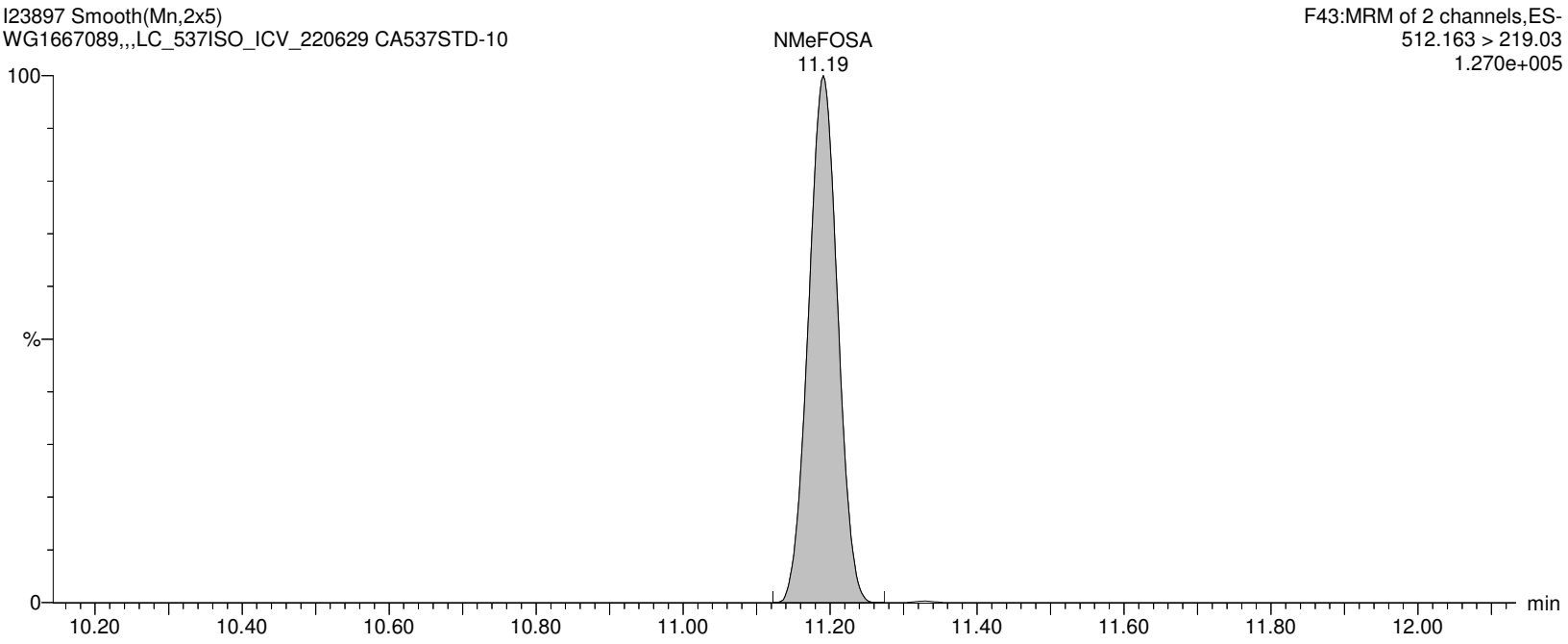
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NMeFOSA



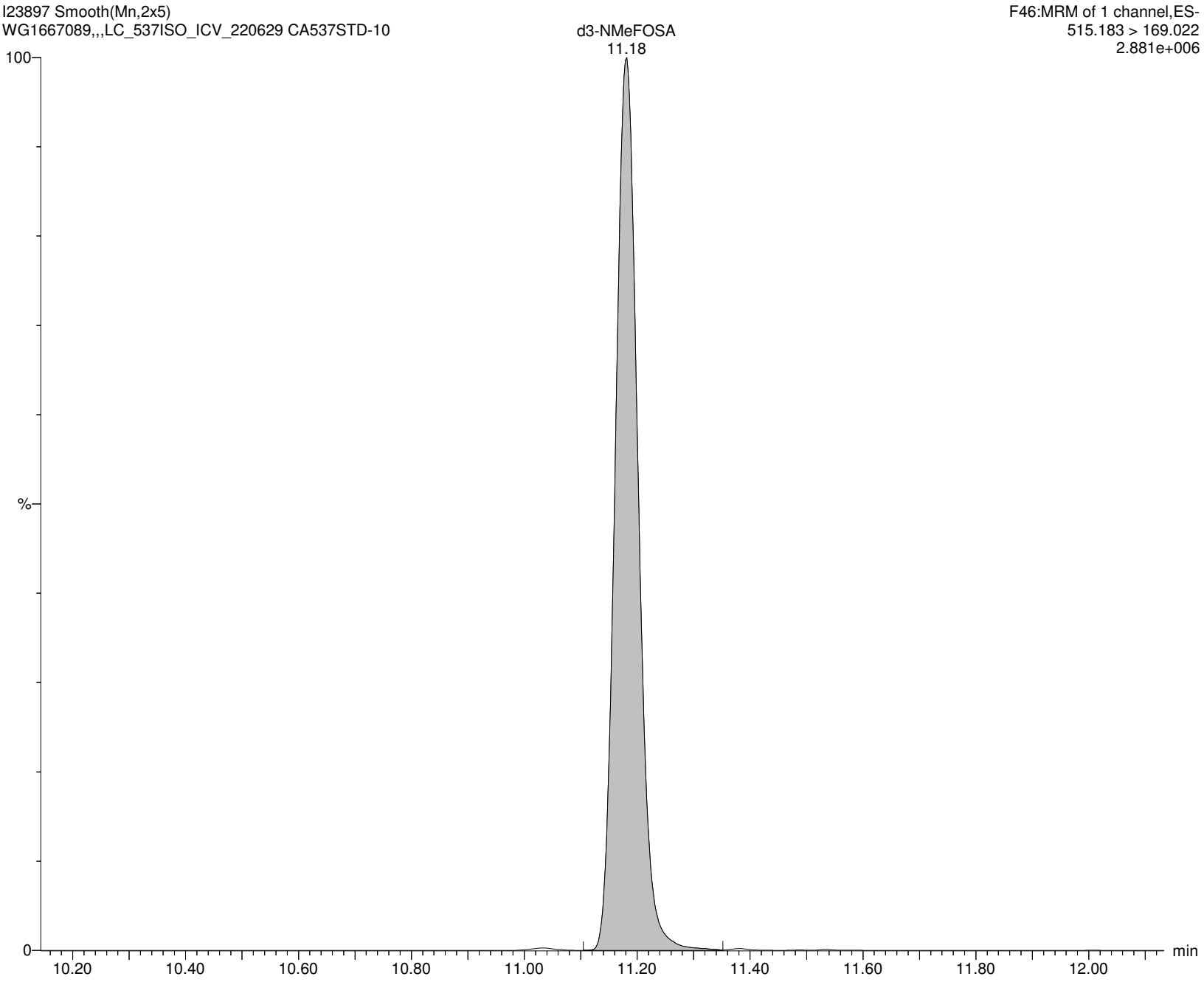


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

d3-NMeFOSA

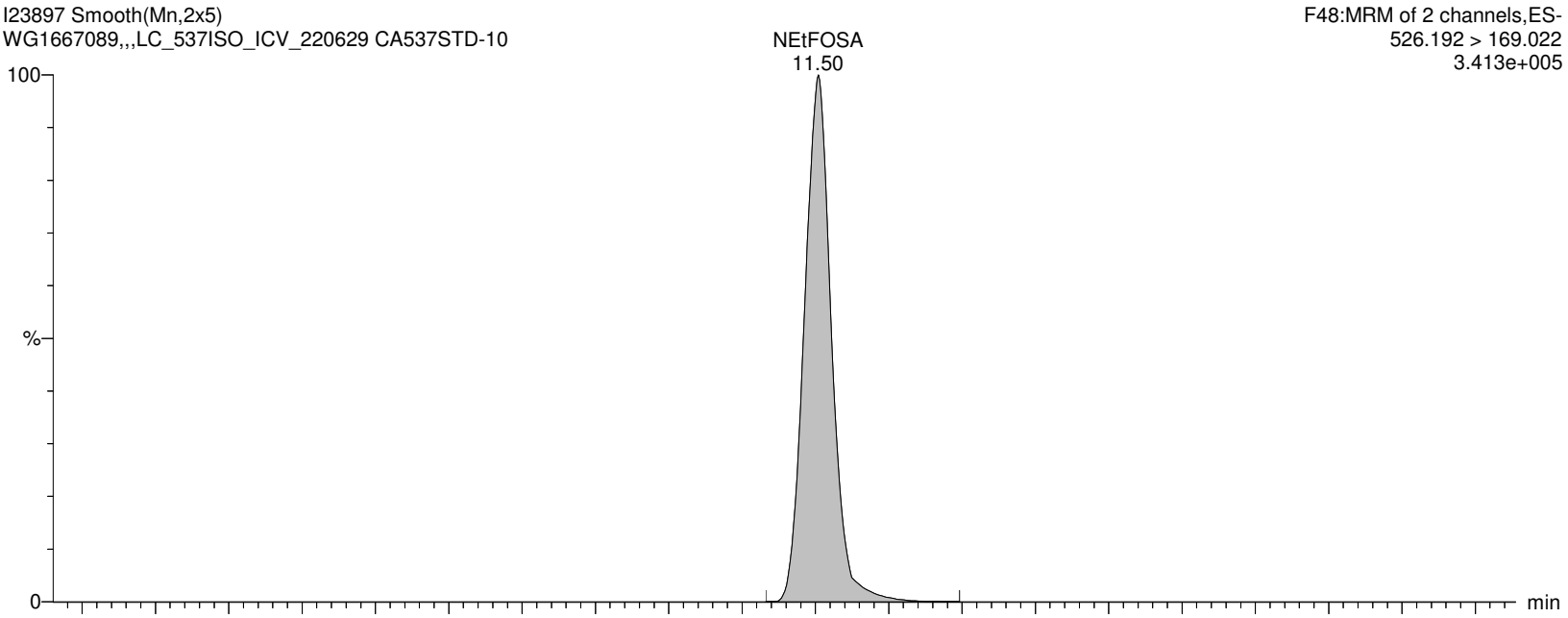


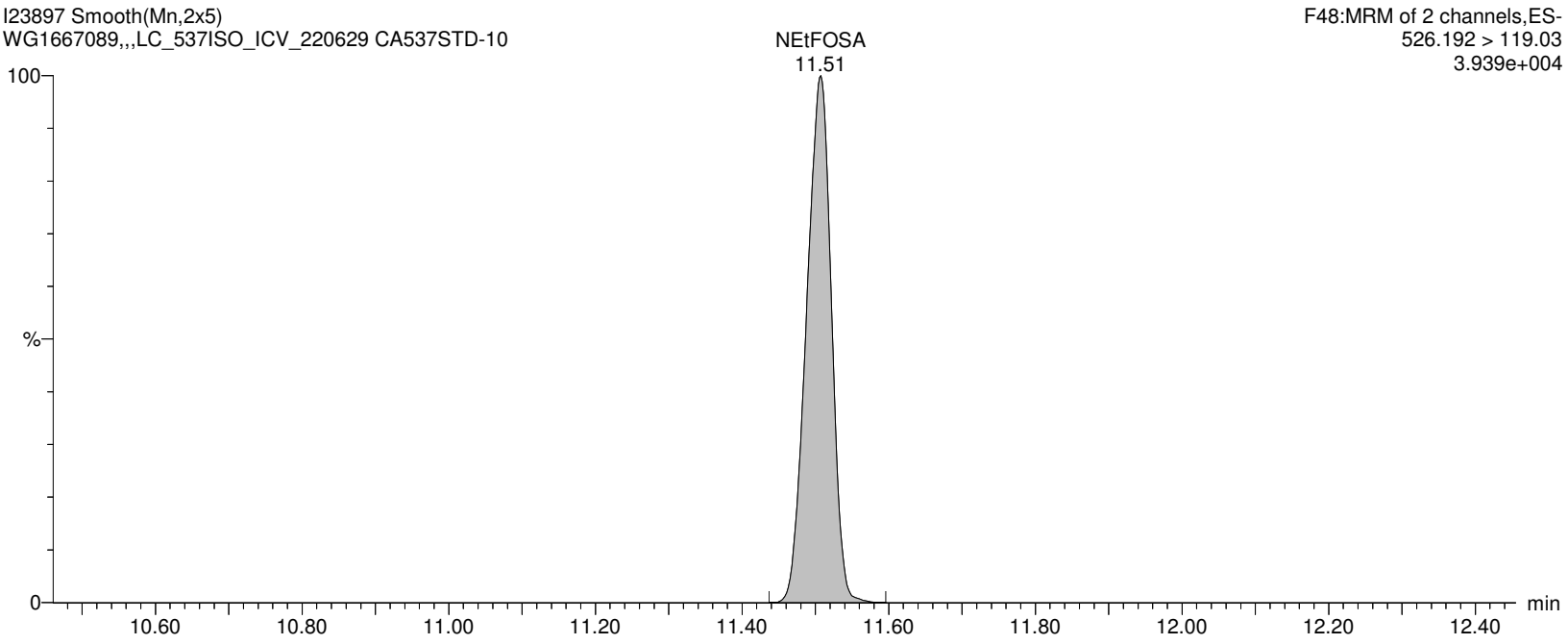
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NEtFOSA



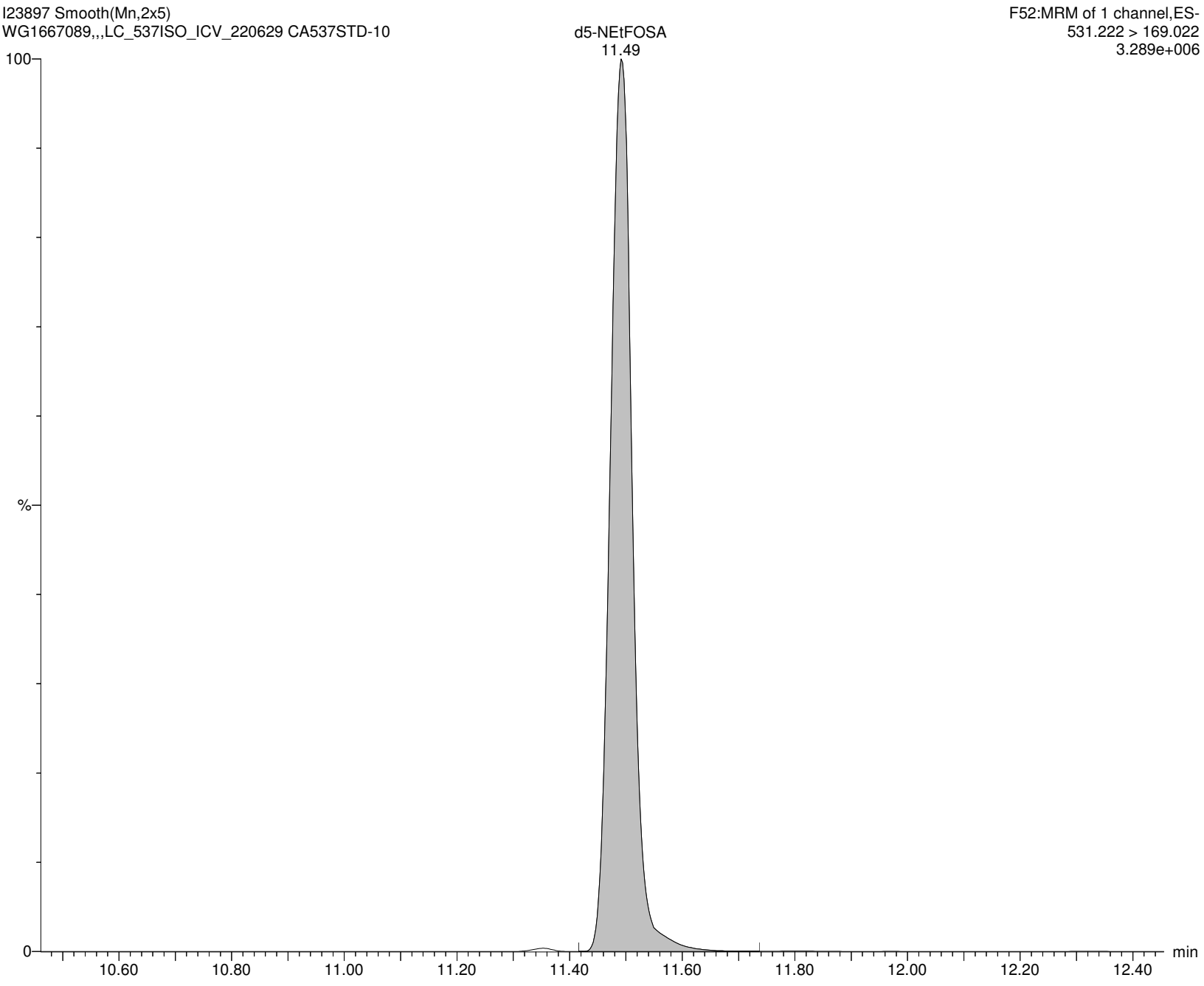


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

d5-NEtFOSA

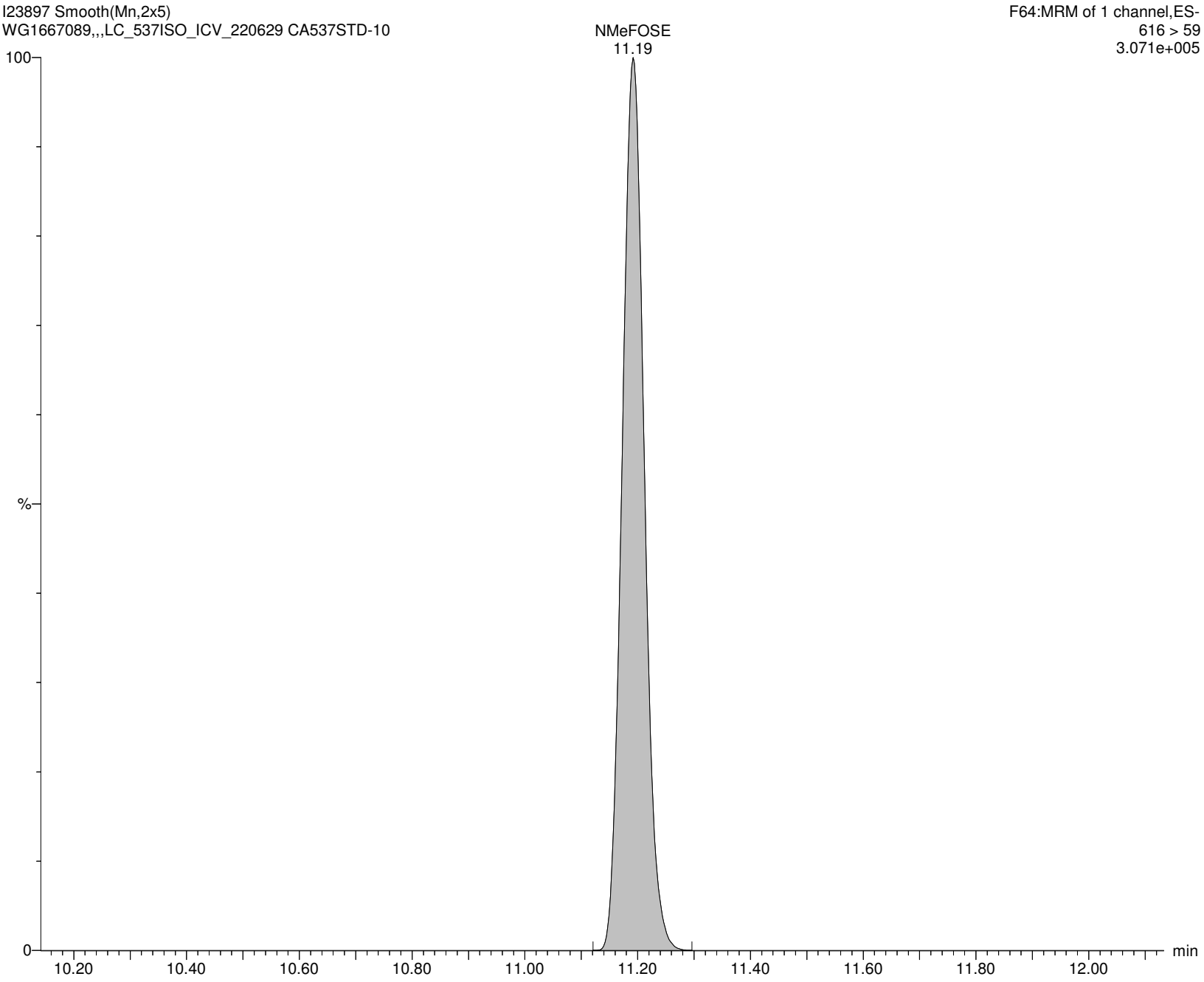


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NMeFOSE

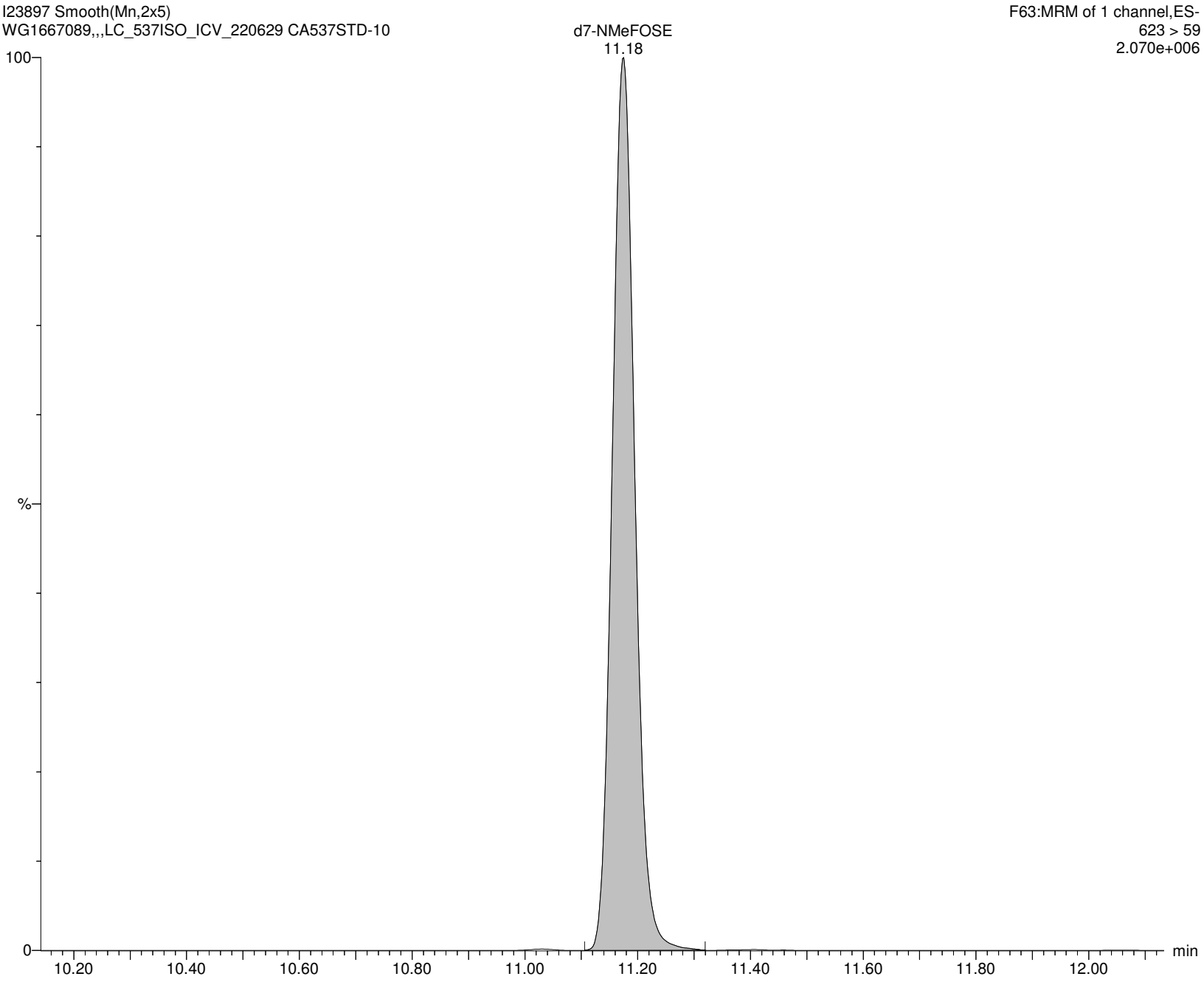


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

d7-NMeFOSE

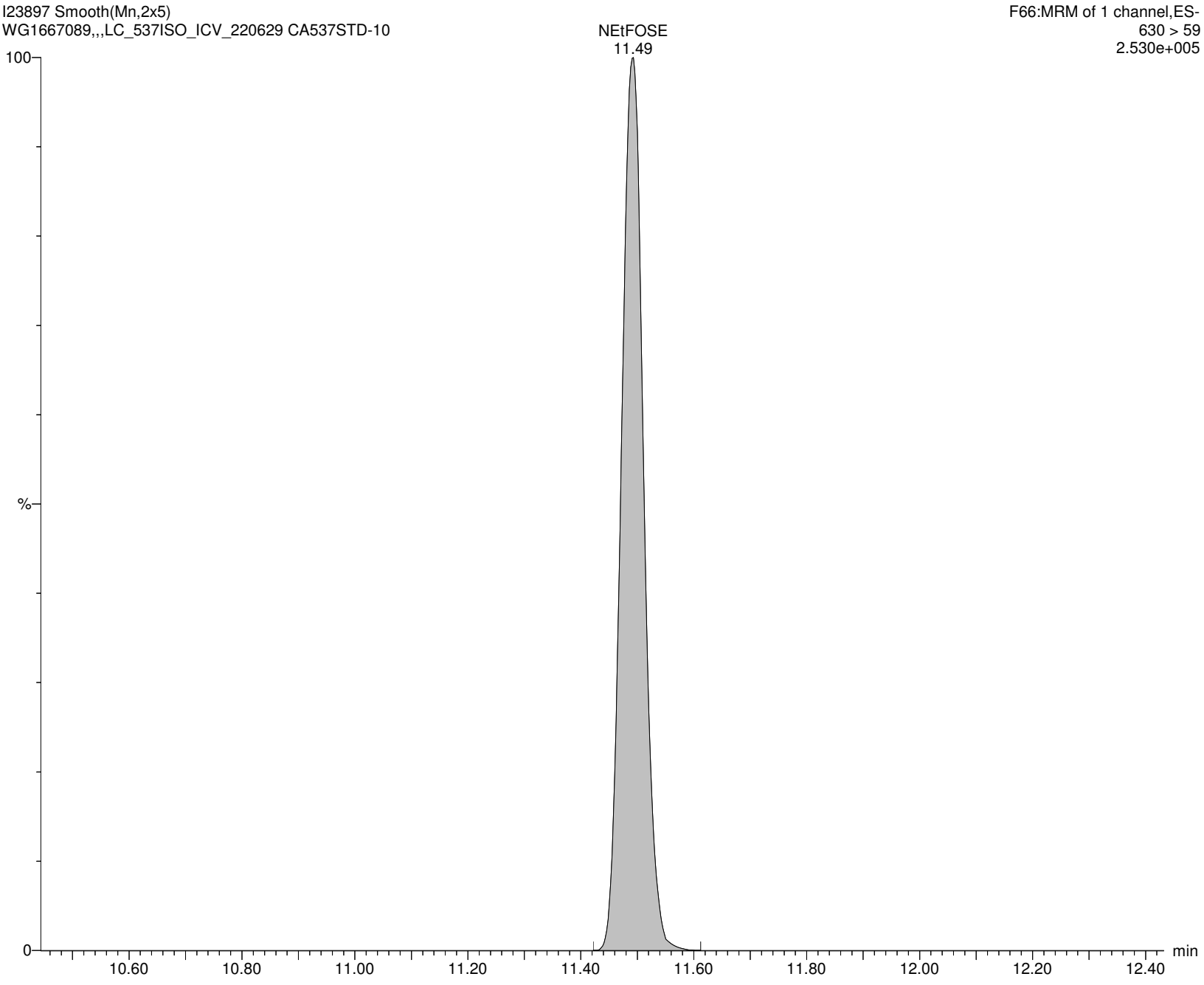


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NEtFOSE

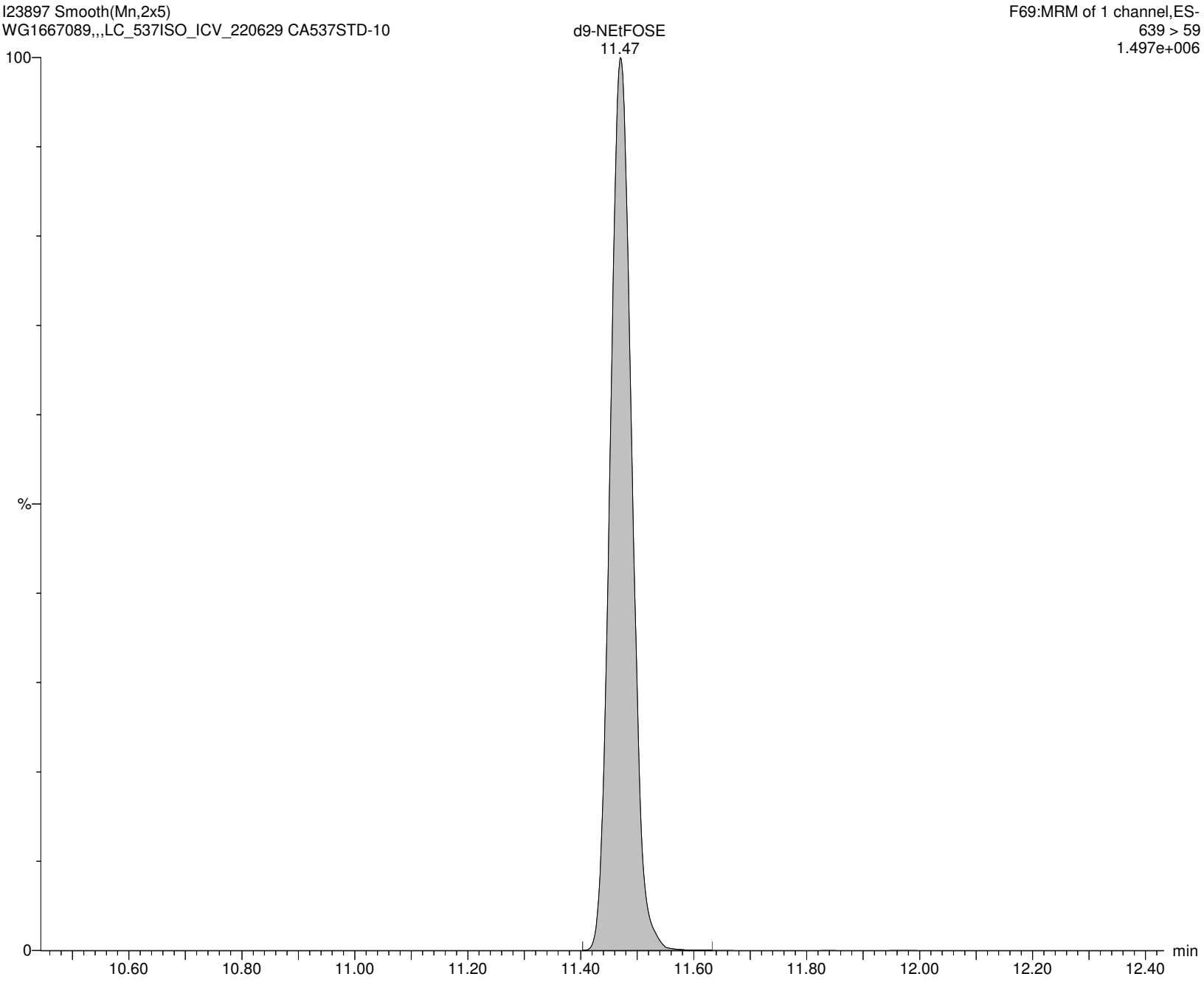


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

d9-NEtFOSE

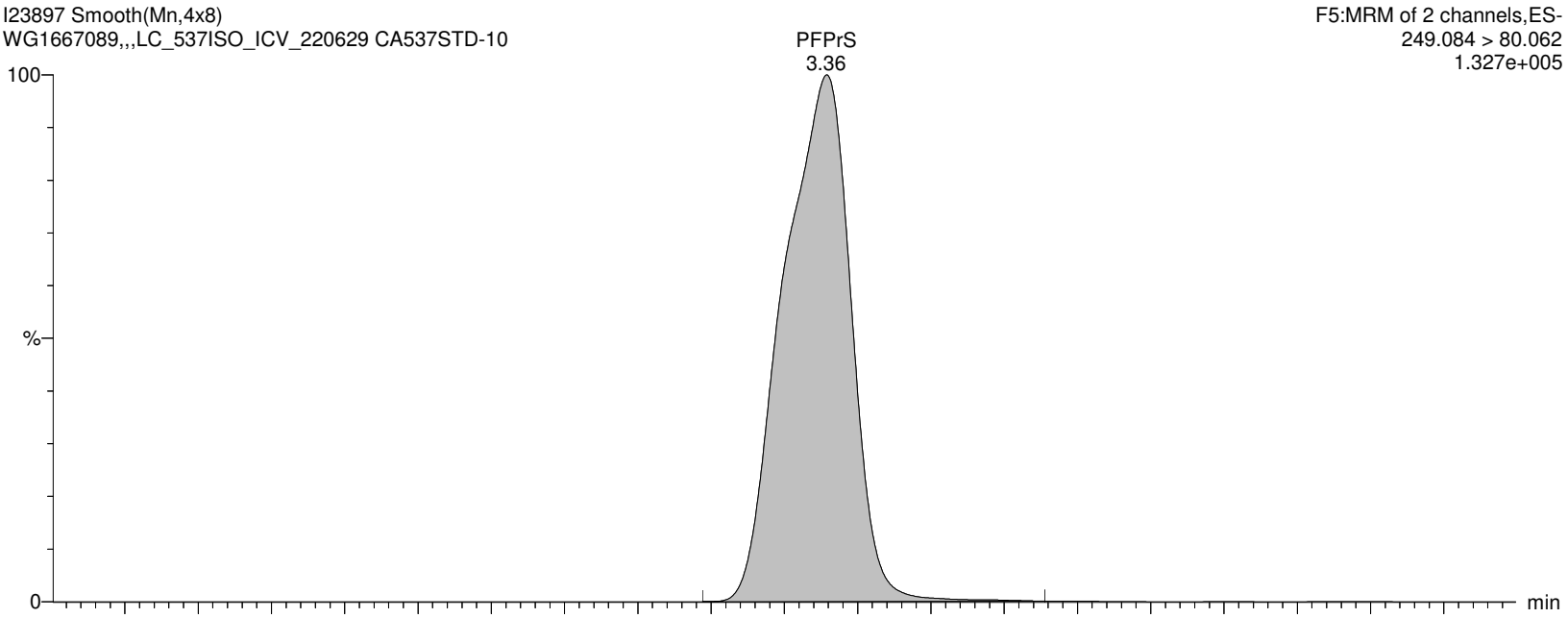


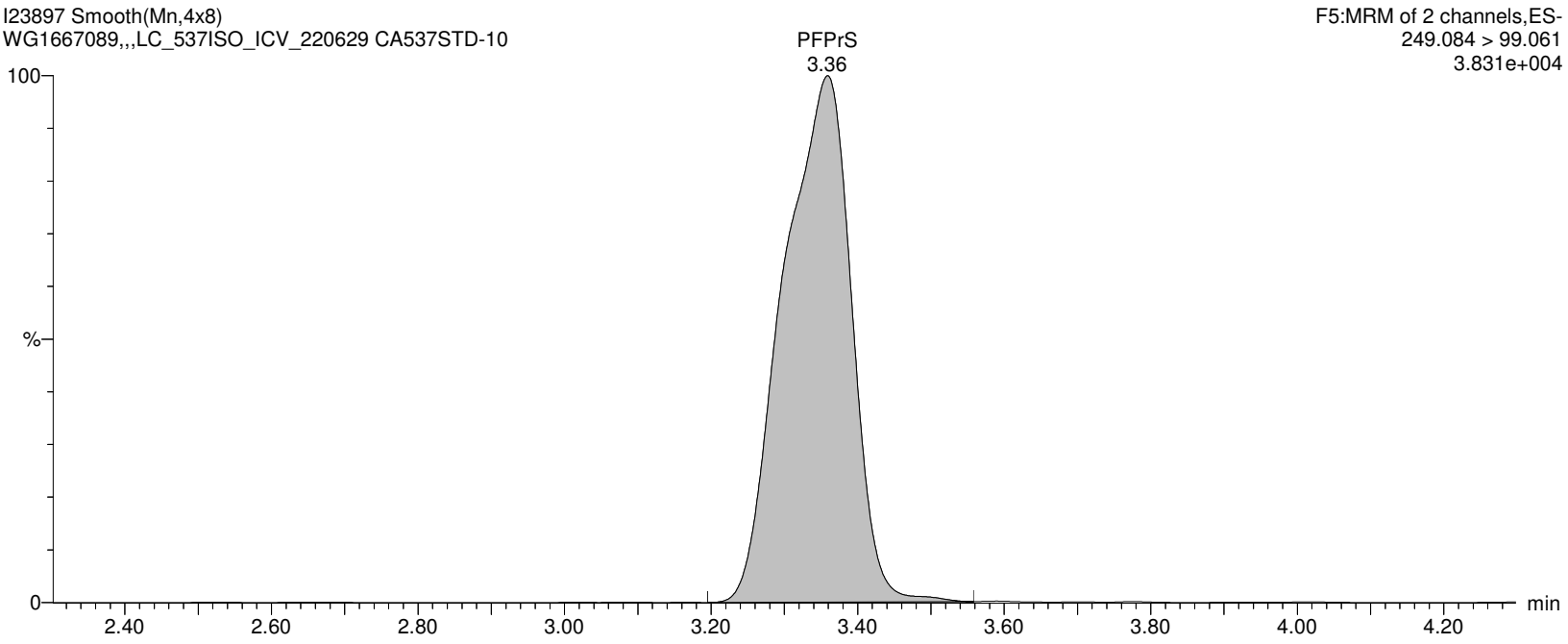
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFPrS



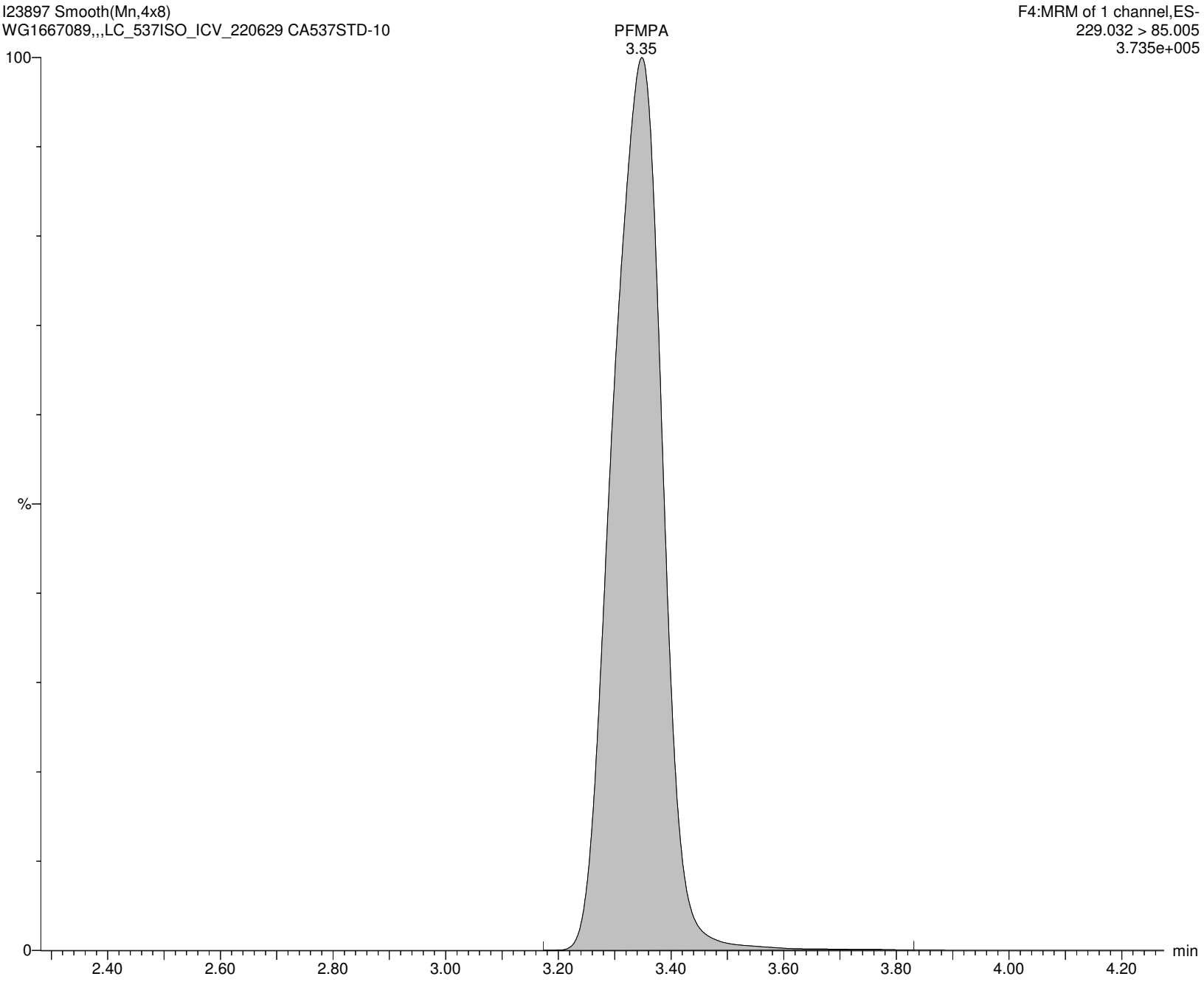


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFMPA

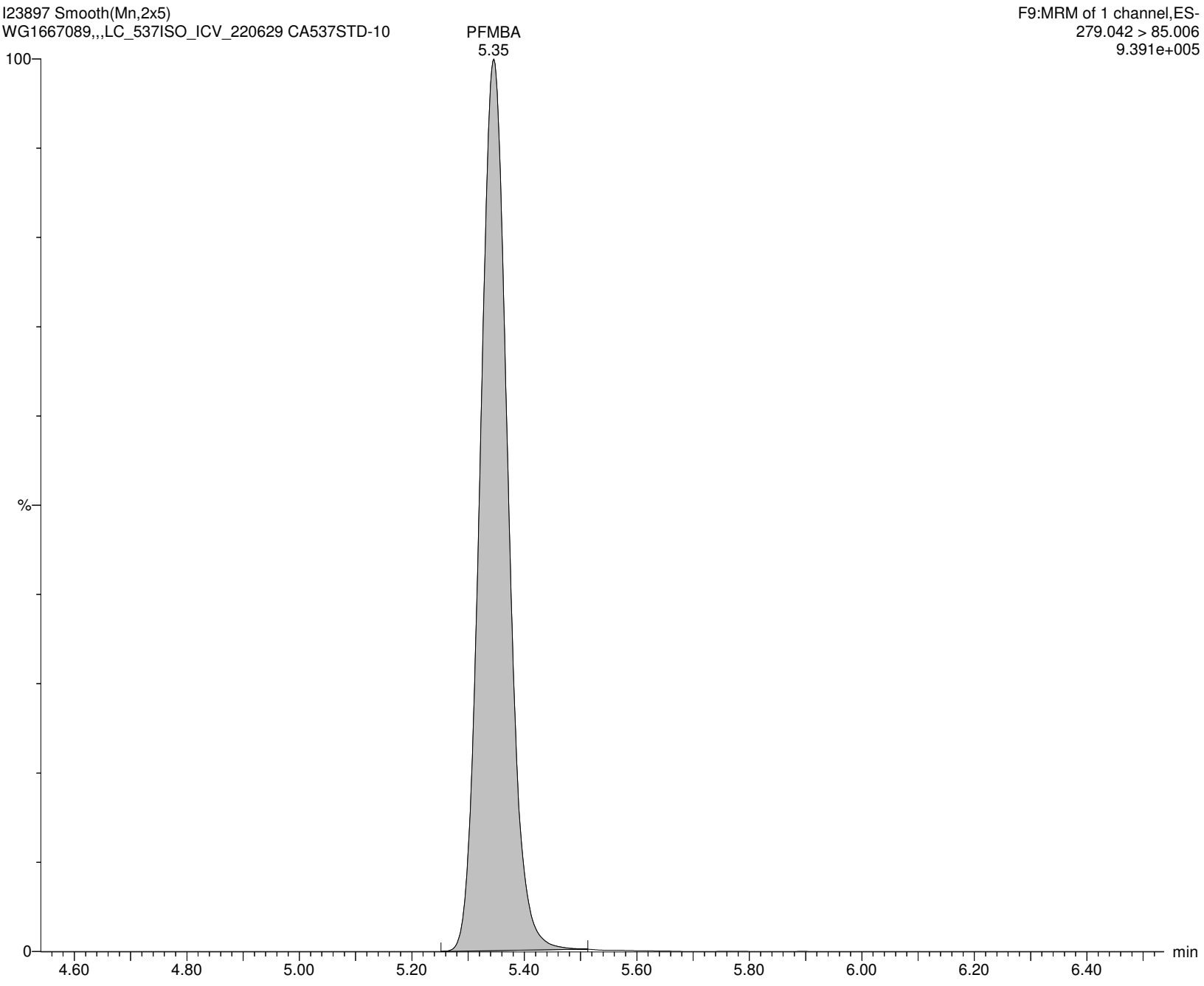


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFMBA

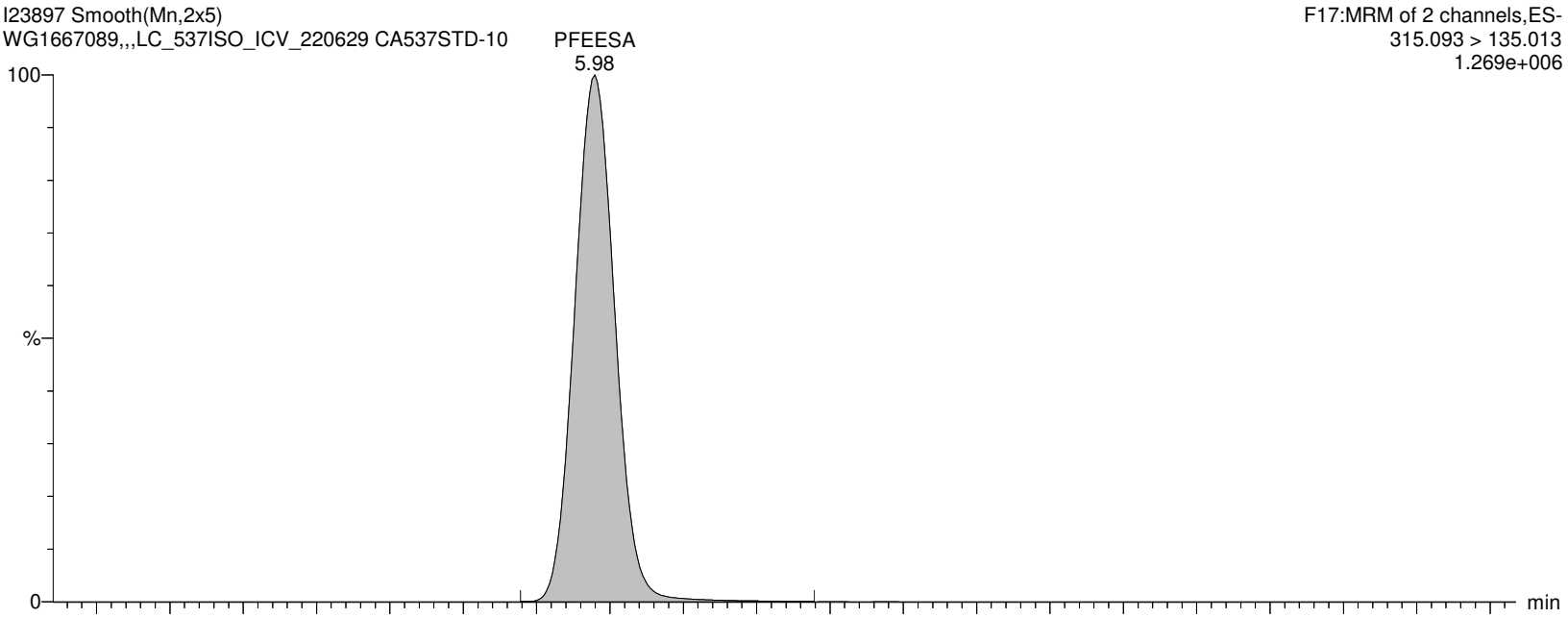


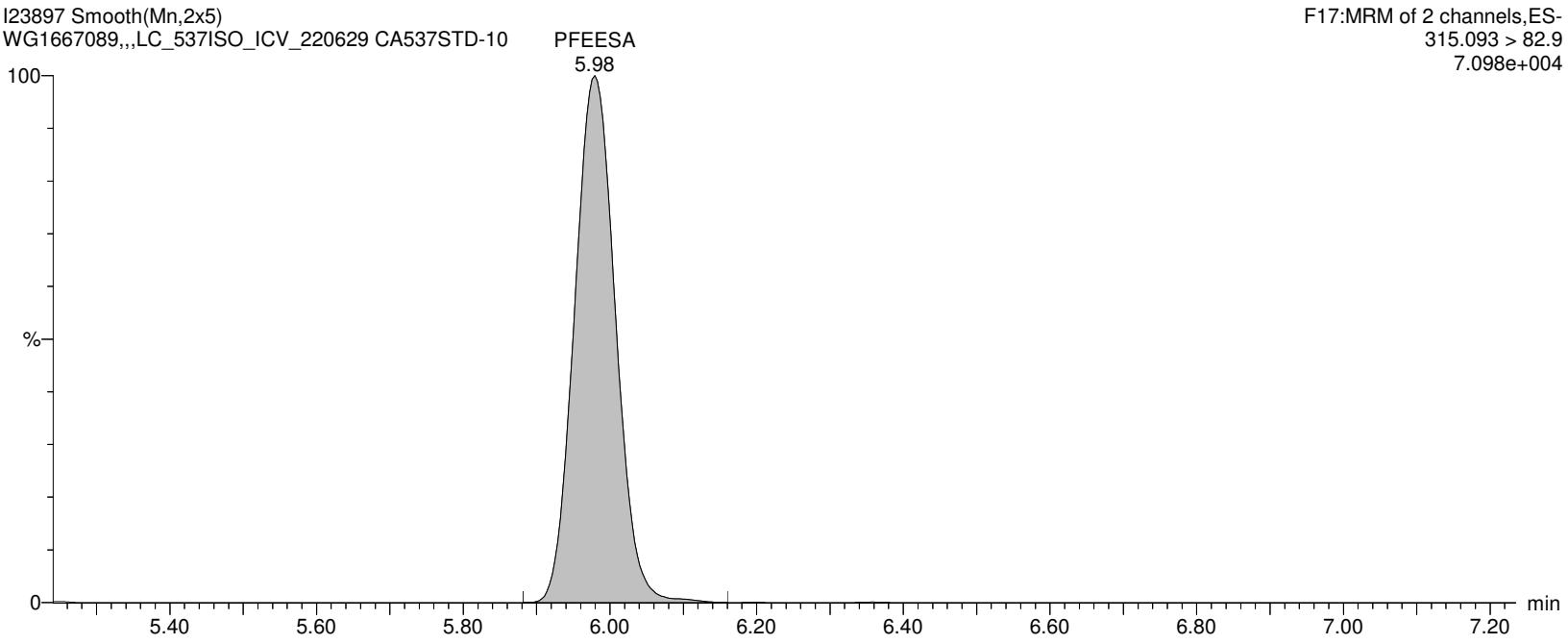
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFEESA



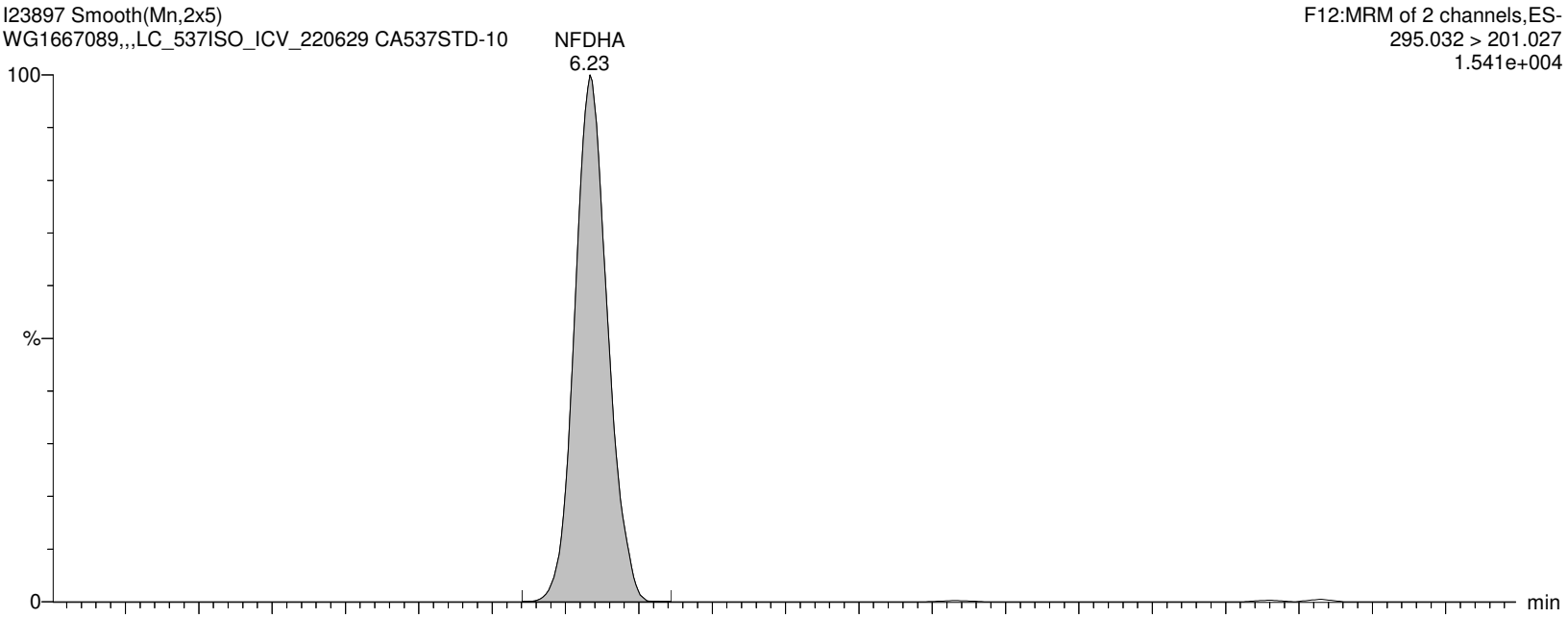


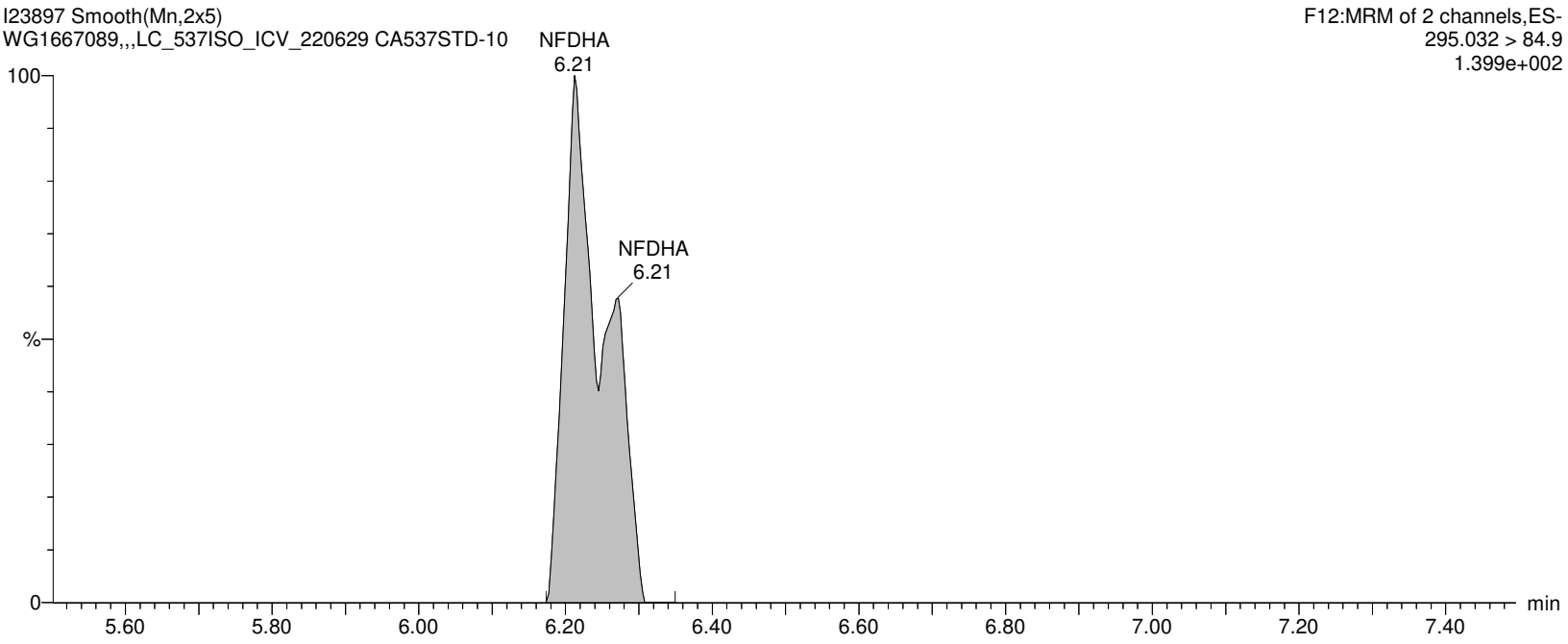
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

NFDHA



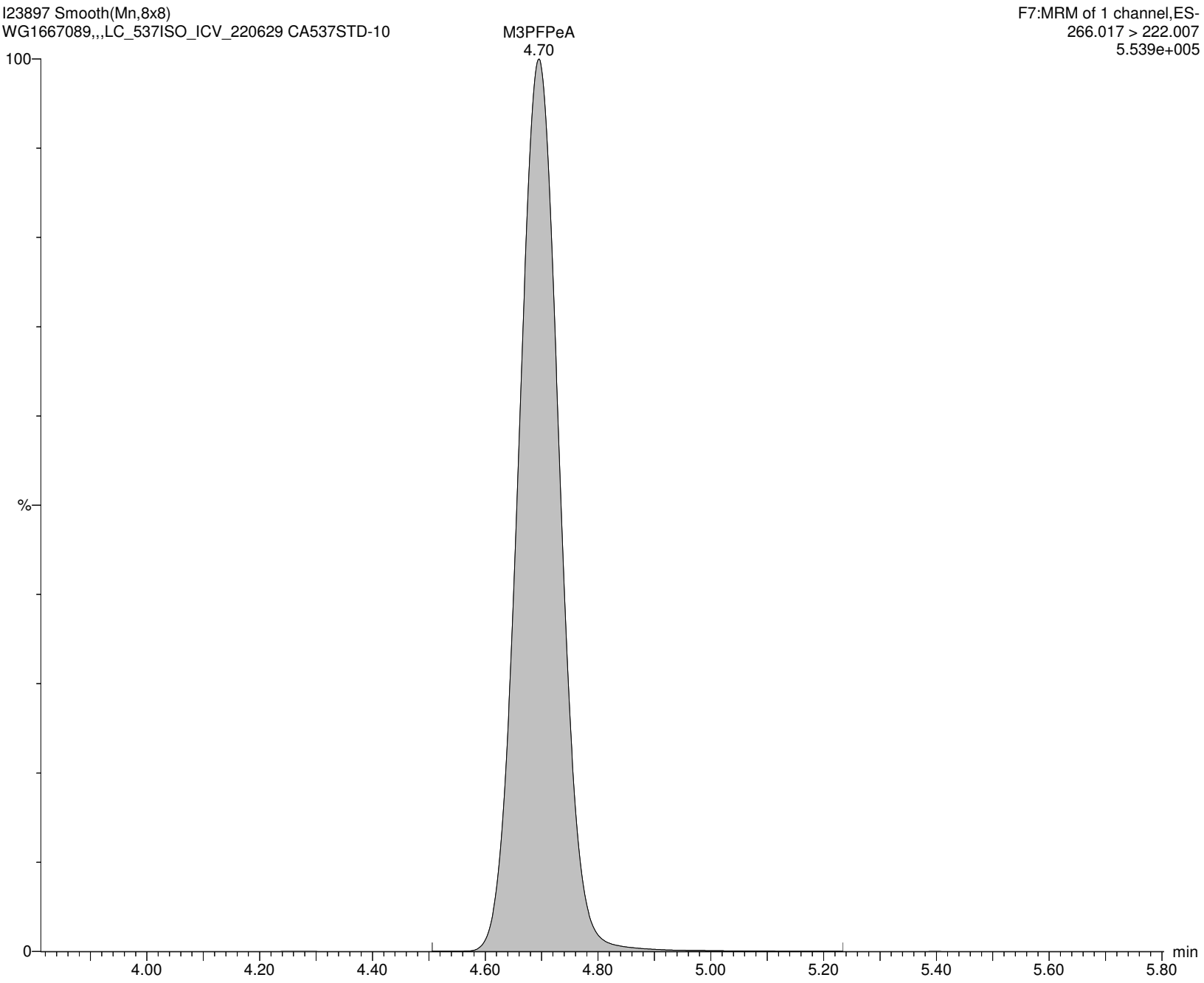


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M3PFPeA

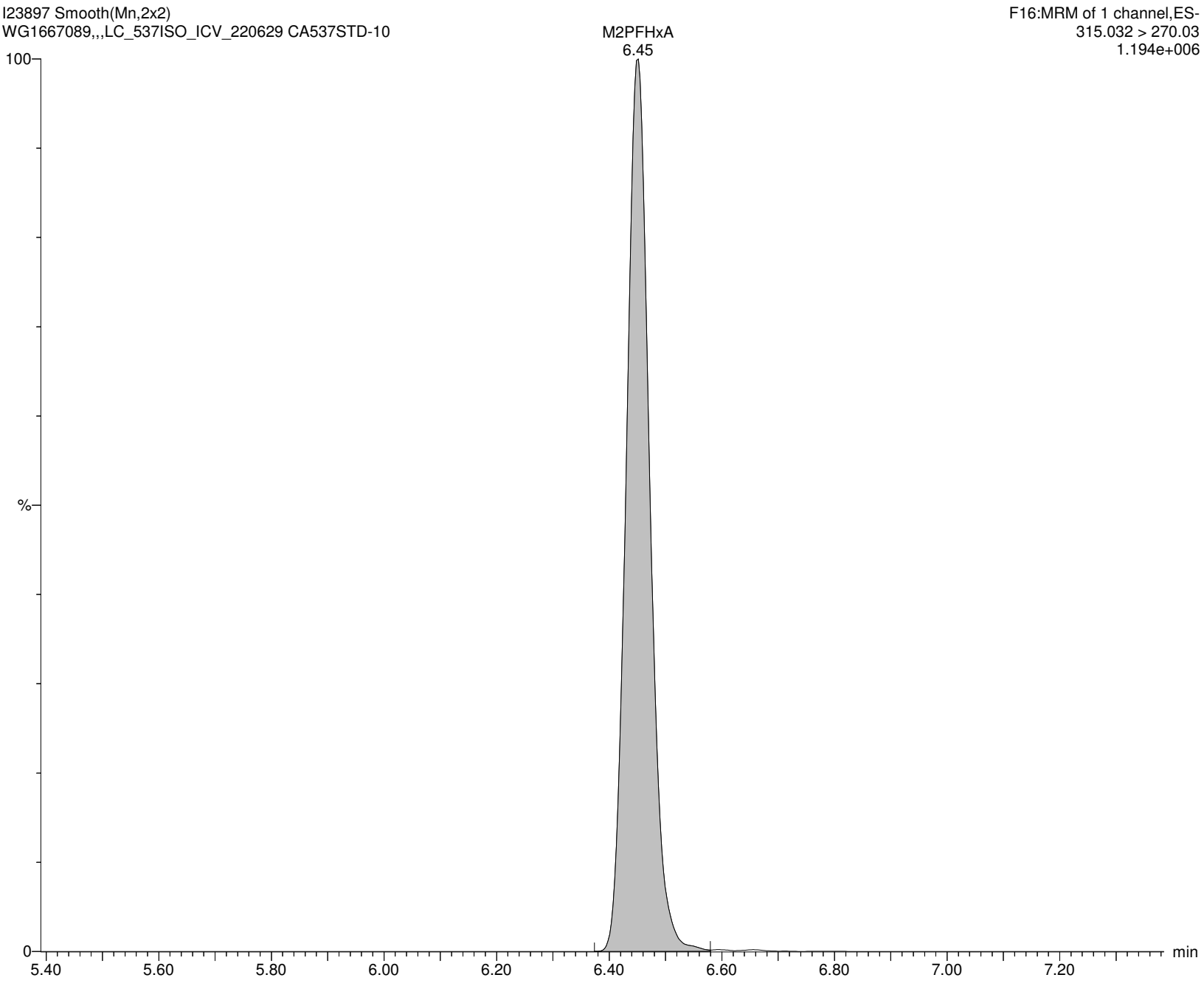


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2PFHxA

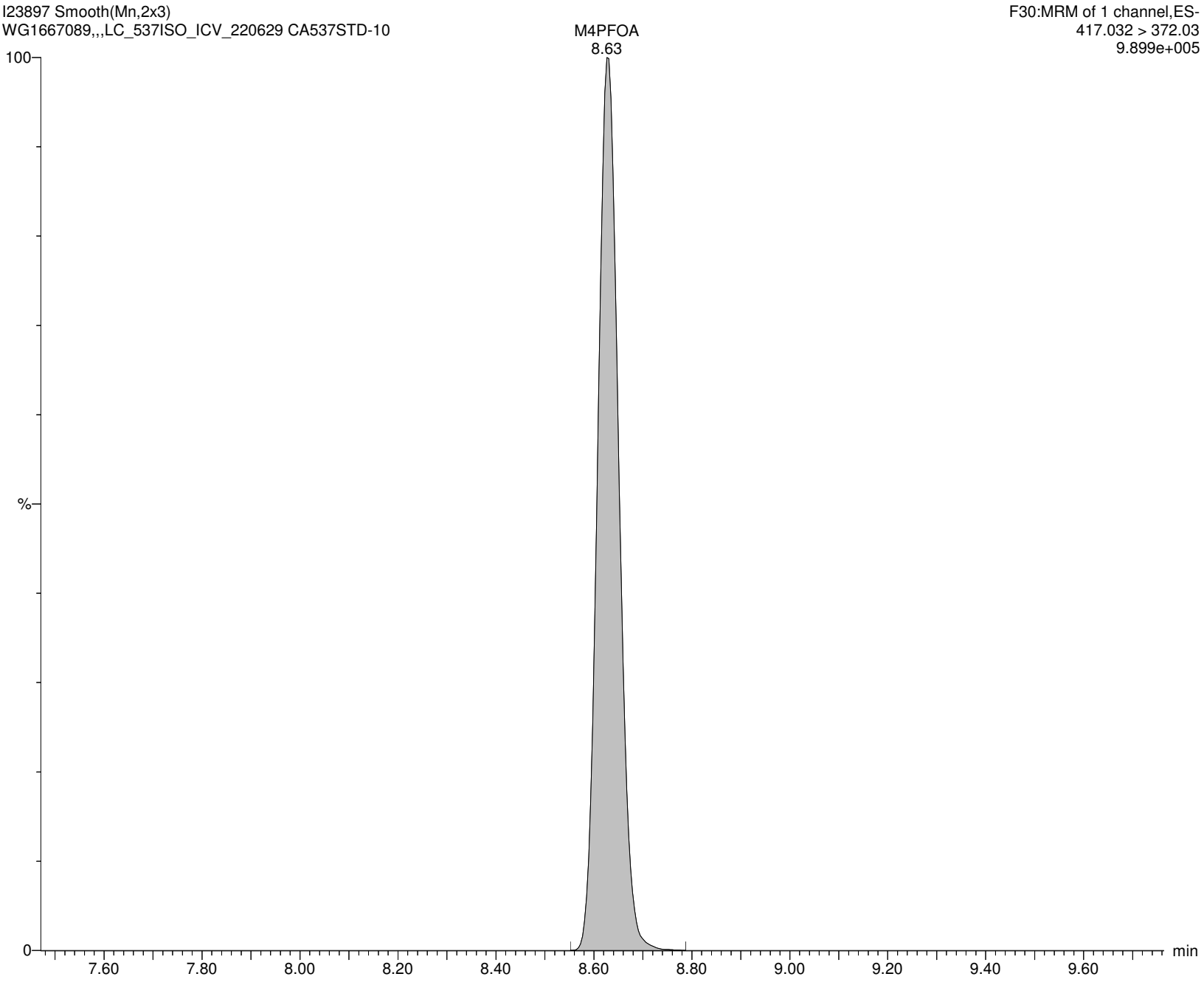


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_ICV.qld
Last Altered: Tuesday, July 26, 2022 10:29:03 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:01:20 Eastern Daylight Time

Name: I23897
ID: CA537STD-10
Date: 26-Jul-2022
Time: 10:09:01
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M4PFOA



all concentration units in (ng/mL)

	Compound Name	CAS Number	Compound Type	Quantification Trace	Include Quan Trace in Response?
1	PFBA	375-22-4		213.032 > 169.022	YES
2	M3PFBA	INT STD		216.009 > 171.999	YES
3	MPFBA	INT STD		217.001 > 171.999	YES
4	PFPeA	2706-90-3		263.039 > 219.03	YES
5	M5PFPEA	INT STD		268.001 > 222.999	YES
6	PFBS	375-73-5		299.092 > 80.062	YES
7	M3PFBS	INT STD		302.069 > 80.062	YES
8	4:2FTS	757124-72-4		327.146 > 307.139	YES
9	M2-4:2FTS	INT STD		329.13 > 309.124	YES
10	PFHxA	307-24-4		313.047 > 269.037	YES
11	M5PFHxA	INT STD		318.009 > 273.007	YES
12	PFPeS	2706-91-4		349.1 > 80.062	YES
13	PFHpA	375-85-9		363.055 > 319.045	YES
14	M4PFHpA	INT STD		367.025 > 322.022	YES
15	br-PFHxS	355-46-4		399.107 > 80.062	YES
16	L-PFHxS	355-46-4		399.107 > 80.062	YES
17	PFHxS	355-46-4		399.107 > 80.062	YES
18	M3PFHxS	INT STD		402.084 > 80.062	YES
19	br-PFOA	335-67-1		413.063 > 369.053	YES
20	L-PFOA	335-67-1		413.063 > 369.053	YES
21	PFOA	335-67-1		413.063 > 369.053	YES
22	M8PFOA	INT STD		421.002 > 376.	YES
23	M2PFOA	INT STD		415.048 > 370.045	YES
24	6:2FTS	27619-97-2		427.161 > 407.155	YES
25	M2-6:2FTS	INT STD		429.146 > 409.14	YES
26	PFHpS	375-92-8		449.115 > 80.062	YES
27	PFNA	375-95-1		463.071 > 419.061	YES
28	M9PFNA	INT STD		472.002 > 427.	YES
29	br-PFOS	1763-23-1		499.123 > 80.062	YES
30	L-PFOS	1763-23-1		499.123 > 80.062	YES
31	PFOS	1763-23-1		499.123 > 80.062	YES
32	M4PFOS	INT STD		503.093 > 80.062	YES
33	M8PFOS	INT STD		507.062 > 80.062	YES
34	PFDA	335-76-2		513.078 > 469.069	YES
35	M2PFDA	INT STD		515.063 > 470.061	YES
36	M6PFDA	INT STD		519.033 > 474.03	YES
37	8:2FTS	39108-34-4		527.177 > 507.171	YES
38	M2-8:2FTS	INT STD		529.162 > 509.155	YES
39	PFNS	68259-12-1		549.131 > 80.062	YES
40	d3-NMeFOSAA	INT STD		573.22 > 419.061	YES
41	br-NMeFOSAA	2355-31-9		570.202 > 419.061	YES
42	L-NMeFOSAA	2355-31-9		570.202 > 419.061	YES
43	NMeFOSAA	2355-31-9		570.202 > 419.061	YES
44	PFUnA	2058-94-8		563.086 > 519.076	YES
45	M7-PFUDA	INT STD		570.033 > 525.031	YES
46	PFDS	335-77-3		598.926 > 80.062	YES
47	FOSA	754-91-6		498.146 > 78.07	YES
48	M8FOSA	INT STD		506.077 > 78.07	YES
49	d5-NEtFOSAA	INT STD		589.259 > 419.061	YES
50	br-NEtFOSAA	2991-50-6		584.229 > 419.061	YES
51	L-NEtFOSAA	2991-50-6		584.229 > 419.061	YES
52	NEtFOSAA	2991-50-6		584.229 > 419.061	YES
53	PFDoA	307-55-1		613.094 > 569.084	YES
54	MPFDOA	INT STD		615.079 > 570.077	YES

	Calculate Ion Ratio Tolerance As	Target Ion Ratio Method	1:Ion Trace	1:Ion Ratio	1:Ion Ratio Win (%) ±
1	Ratio	Quan/Target		0.0000	50
2	Ratio	Quan/Target		0.0000	50
3	Ratio	Quan/Target		0.0000	50
4	Ratio	Quan/Target		0.0000	0
5	Ratio	Quan/Target		0.0000	50
6	Ratio	Quan/Target	299.092 > 99.061	2.0270	50
7	Ratio	Quan/Target		0.0000	50
8	Ratio	Quan/Target	327.146 > 81.07	1.2350	50
9	Ratio	Quan/Target		0.0000	50
10	Ratio	Quan/Target	313.047 > 119.18	11.8130	50
11	Ratio	Quan/Target		0.0000	50
12	Ratio	Quan/Target	349.1 > 99.061	1.7150	50
13	Ratio	Quan/Target	363.055 > 169.022	3.6710	50
14	Ratio	Quan/Target		0.0000	50
15	Ratio	Quan/Target	399.107 > 99.061	2.0880	50
16	Ratio	Quan/Target	399.107 > 99.061	1.6660	50
17	Ratio	Quan/Target	399.107 > 99.061	0.4240	50
18	Ratio	Quan/Target		0.0000	50
19	Ratio	Quan/Target	413.063 > 219.03	0.0000	50
20	Ratio	Quan/Target	413.063 > 219.03	6.5830	50
21	Ratio	Quan/Target	413.063 > 219.03	2.8360	50
22	Ratio	Quan/Target		0.0000	50
23	Ratio	Quan/Target		2.8360	50
24	Ratio	Quan/Target	427.161 > 81.07	2.0650	50
25	Ratio	Quan/Target		0.0000	50
26	Ratio	Quan/Target	449.115 > 99.061	1.7890	50
27	Ratio	Quan/Target	463.071 > 219.03	3.6090	50
28	Ratio	Quan/Target		0.0000	50
29	Ratio	Quan/Target	499.123 > 99.061	4.0310	50
30	Ratio	Quan/Target	499.123 > 99.061	2.0750	50
31	Ratio	Quan/Target	499.123 > 99.061	0.4240	50
32	Ratio	Quan/Target		0.0000	50
33	Ratio	Quan/Target		0.0000	50
34	Ratio	Quan/Target	513.078 > 219.03	2.2230	50
35	Ratio	Quan/Target		0.0000	50
36	Ratio	Quan/Target		0.0000	50
37	Ratio	Quan/Target	527.177 > 81.07	1.4520	50
38	Ratio	Quan/Target		0.0000	50
39	Ratio	Quan/Target	549.131 > 99.061	2.2850	50
40	Ratio	Quan/Target		0.0000	50
41	Ratio	Quan/Target	570.202 > 512.165	0.8830	50
42	Ratio	Quan/Target	570.202 > 512.165	1.9070	50
43	Ratio	Quan/Target	570.202 > 512.165	2.5750	50
44	Ratio	Quan/Target	563.086 > 269.0...	4.5900	50
45	Ratio	Quan/Target		0.0000	50
46	Ratio	Quan/Target	598.926 > 99.061	1.8310	50
47	Ratio	Quan/Target	498.146 > 169.022	70.1070	50
48	Ratio	Quan/Target		0.0000	50
49	Ratio	Quan/Target		1.3910	50
50	Ratio	Quan/Target	584.229 > 526.192	0.7000	50
51	Ratio	Quan/Target	584.229 > 526.192	1.2040	50
52	Ratio	Quan/Target	584.229 > 526.192	3.6430	50
53	Ratio	Quan/Target	613.094 > 319.0...	6.3580	50
54	Ratio	Quan/Target		0.0000	50

	Compound Name	CAS Number	Compound Type	Quantification Trace	Include Quan Trace in Response?
55	PFTrDA	72629-94-8		663.102 > 619.092	YES
56	PFTA	376-06-7		713.11 > 669.1	YES
57	M2PFTEDA	INT STD		715.094 > 670.092	YES
58	M3HFPO-DA	INT STD		287.02 > 169.022	YES
59	HFPO-DA	13252-13-6		285.035 > 169.022	YES
60	ADONA	958445-44-8		377.06 > 251.028	YES
61	PFHxDA			813.122 > 769.116	YES
62	PFODA			913.411 > 869.131	YES
63	M2PFHxDA			815.102 > 770.108	YES
64	PFDoS			699.154 > 80.062	YES
65	M2D4-10:2FTS			633.201 > 612.189	YES
66	10:2FTS			627.192 > 607.186	YES
67	9CL-PF3ONS			530.862 > 350.843	YES
68	11CL-PFOUdS			630.862 > 450.854	YES
69	NMeFOSA			512.163 > 169.022	YES
70	d3-NMeFOSA			515.183 > 169.022	YES
71	NEtFOSA			526.192 > 169.022	YES
72	d5-NEtFOSA			531.222 > 169.022	YES
73	NMeFOSE			616 > 59	YES
74	d7-NMeFOSE			623 > 59	YES
75	NEtFOSE			630 > 59	YES
76	d9-NEtFOSE			639 > 59	YES
77	PFPrS			249.084 > 80.062	YES
78	PFMPA			229.032 > 85.005	YES
79	PFMBA			279.042 > 85.006	YES
80	PFEESA			315.093 > 135.013	YES
81	NFDHA			295.032 > 201.027	YES
82	M3PFPeA			266.017 > 222.007	YES
83	M2PFHxA			315.032 > 270.03	YES
84	M4PFOA			417.032 > 372.03	YES
85	M2D4-6:2FTS			433.17 > 412.158	YES
86	M2D4-4:2FTS			333.155 > 312.142	YES

	Calculate Ion Ratio Tolerance As	Target Ion Ratio Method	1:Ion Trace	1:Ion Ratio	1:Ion Ratio Win (%) ±
55	Ratio	Quan/Target	663.102 > 319.045	5.0630	50
56	Ratio	Quan/Target	713.11 > 369.053	9.0560	50
57	Ratio	Quan/Target		0.0000	50
58	Ratio	Quan/Target		0.0000	50
59	Ratio	Quan/Target	329.045 > 285.035	24.8280	50
60	Ratio	Quan/Target	377.06 > 84.8	31.9790	50
61	Ratio	Quan/Target	813.122 > 369.053	20.8220	50
62	Ratio	Quan/Target	913.411 > 369.053	27.2280	50
63	Ratio	Quan/Target		0.0000	50
64	Ratio	Quan/Target	699.154 > 99.061	1.8170	50
65	Ratio	Quan/Target		0.0000	50
66	Ratio	Quan/Target	627.192 > 81.07	1.8890	50
67	Ratio	Quan/Target	532.8 > 353	4.4950	50
68	Ratio	Quan/Target	632.9 > 452.9	2.7530	50
69	Ratio	Quan/Target	512.163 > 219.03	2.4060	50
70	Ratio	Quan/Target		0.0000	50
71	Ratio	Quan/Target	526.192 > 119.03	6.7380	50
72	Ratio	Quan/Target		0.0000	50
73	Ratio	Quan/Target		0.0000	50
74	Ratio	Quan/Target		0.0000	50
75	Ratio	Quan/Target		0.0000	50
76	Ratio	Quan/Target		0.0000	50
77	Ratio	Quan/Target	249.084 > 99.061	3.2710	50
78	Ratio	Quan/Target		0.0000	50
79	Ratio	Quan/Target		0.0000	50
80	Ratio	Quan/Target	315.093 > 82.9	18.4580	50
81	Ratio	Quan/Target	295.032 > 84.9	41.1480	50
82	Ratio	Quan/Target		0.0000	50
83	Ratio	Quan/Target		2.8360	50
84	Ratio	Quan/Target		0.0000	50
85	Ratio	Quan/Target		0.0000	50
86	Ratio	Quan/Target		0.0000	50

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_tech.qld
Last Altered: Tuesday, July 26, 2022 11:16:30 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:17:24 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\MethDB\537ISO_Q_220725.mdb 26 Jul 2022 09:31:55
Calibration: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\CurveDB\220725_ICAL.cdb 26 Jul 2022 09:37:13

ID: CA537STD-10
Name: I23895
Date: 26-Jul-2022
Time: 02:42:07
Description: WG1667089,,,LC_537ISO_ICV_220629
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:RS
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	br-PFOA	335-67-1	8.37	413.063 > 369.053	22744		4.790	1.41	NO	47.9
2	L-PFOA	335-67-1	8.59	413.063 > 369.053	175477		36.955	6.64	NO	369.5
3	PFOA	335-67-1		413.063 > 369.053	198221		41.745		na	
4	M8PFOA	INT STD	8.59	421.002 > 376.	41577		9.916		na	99.2
5	M2PFOA	INT STD	8.59	415.048 > 370.045	43259		10.369		na	103.7

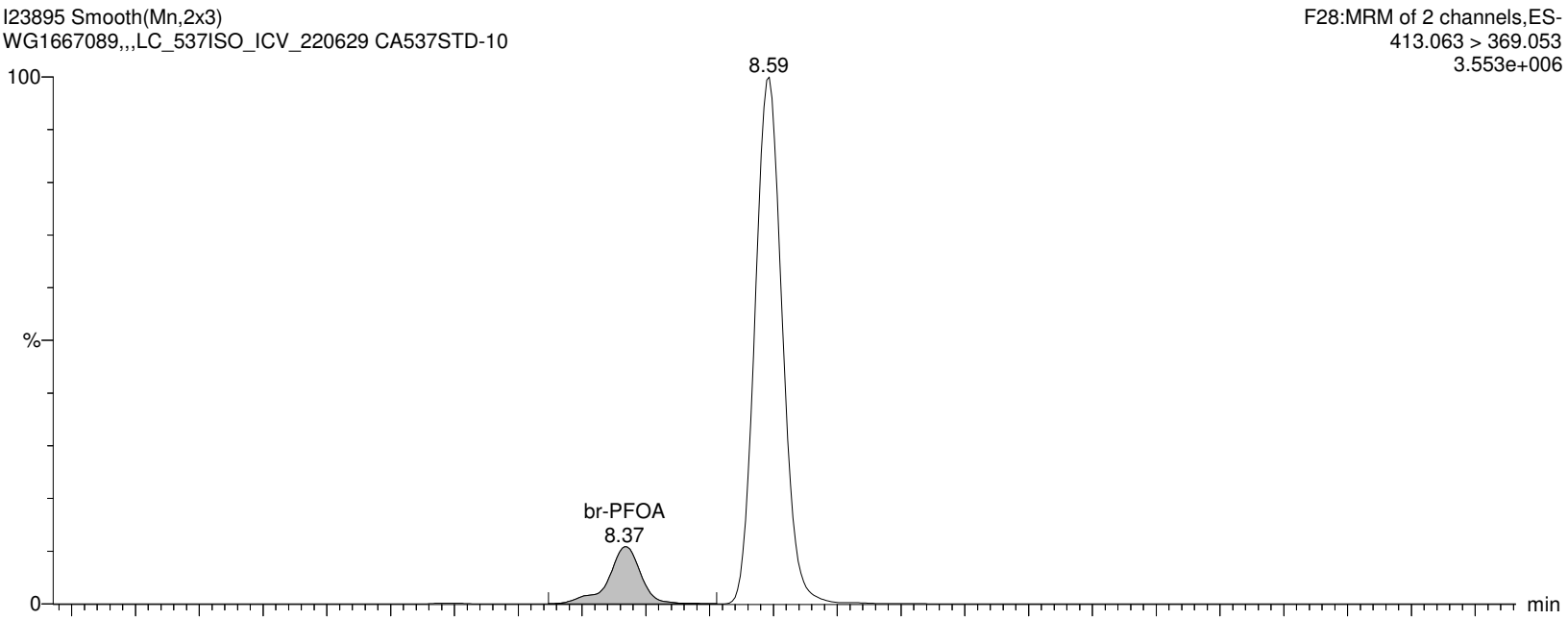
all concentration units in (ng/mL)

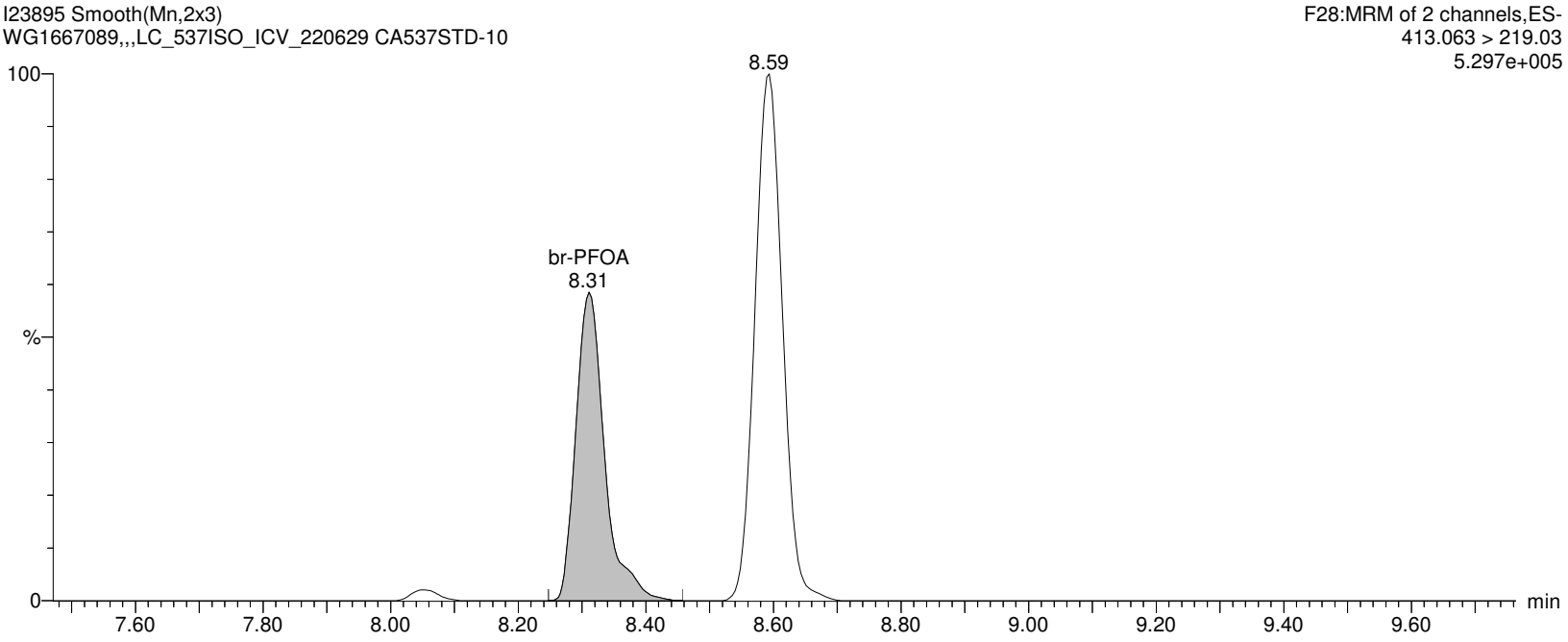
Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_tech.qld
Last Altered: Tuesday, July 26, 2022 11:16:30 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:17:24 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\MethDB\537ISO_Q_220725.mdb 26 Jul 2022 09:31:55
Calibration: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\CurveDB\220725_ICAL.cdb 26 Jul 2022 09:37:13

Name: I23895
ID: CA537STD-10
Date: 26-Jul-2022
Time: 02:42:07
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

br-PFOA



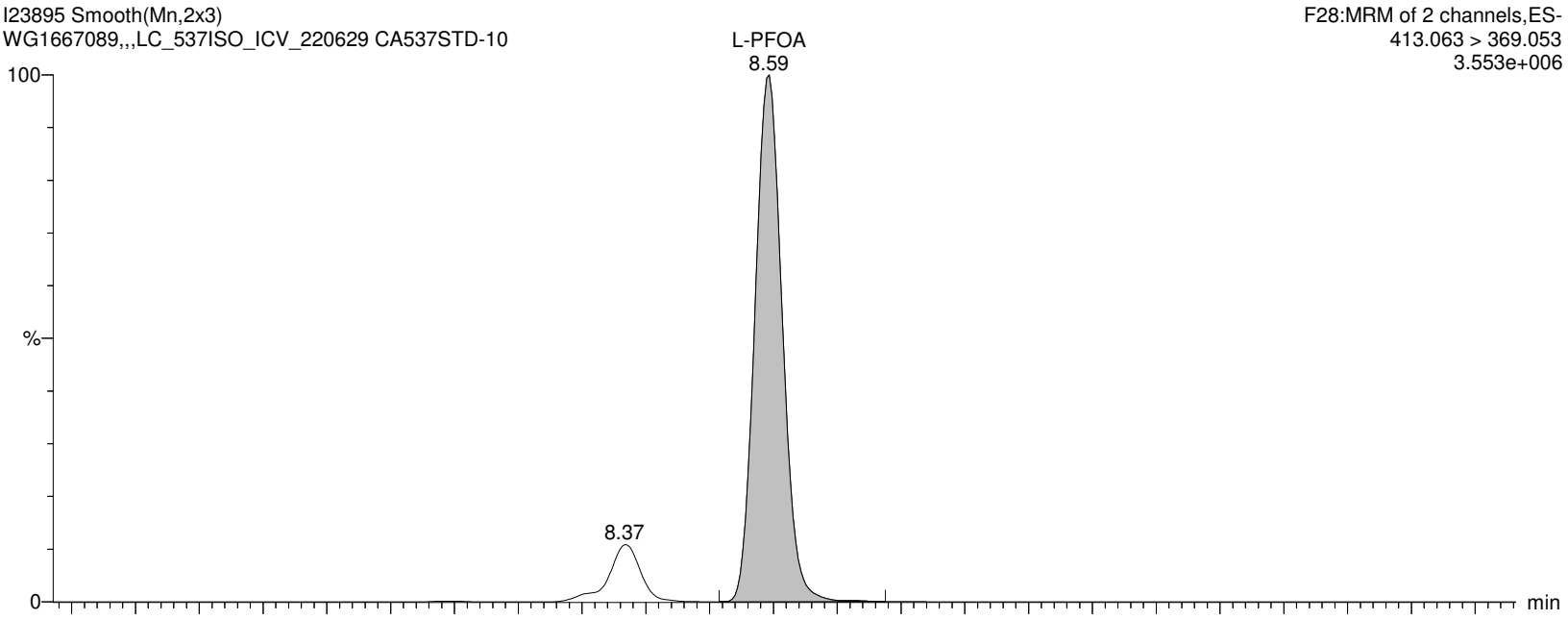


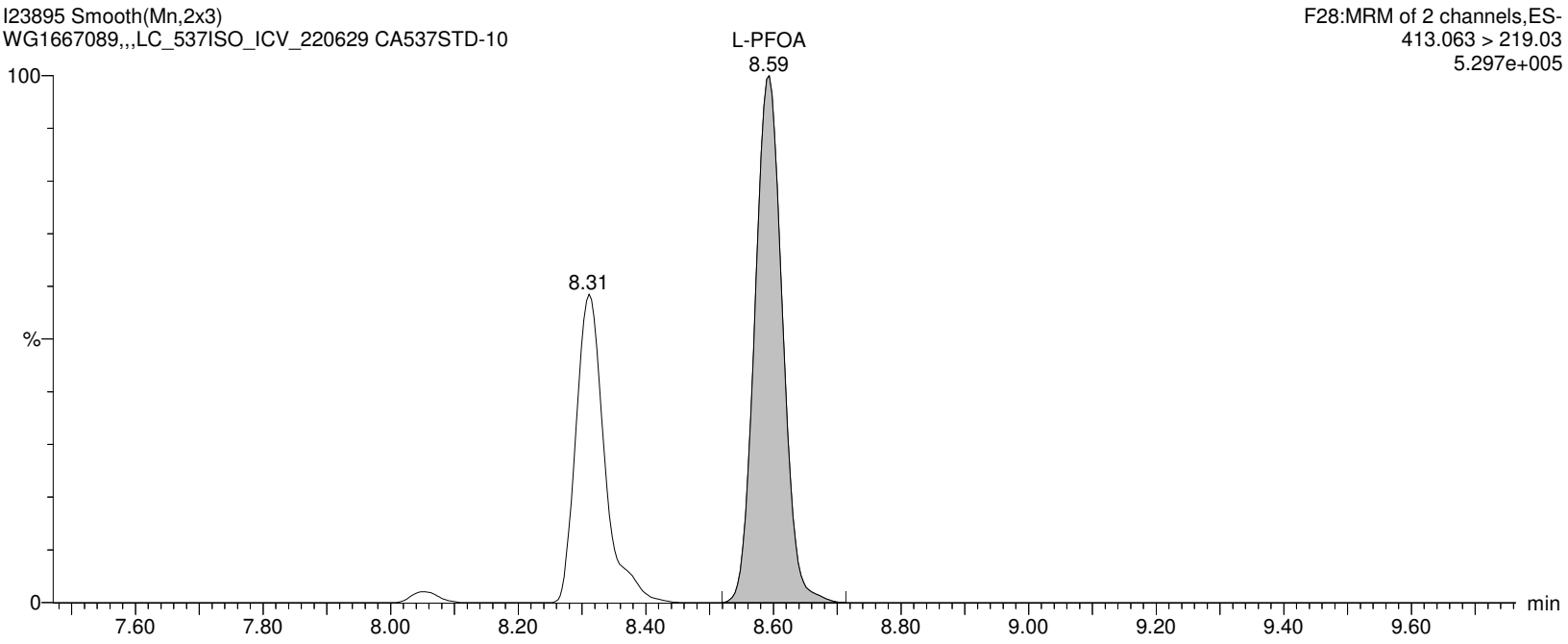
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_tech.qld
Last Altered: Tuesday, July 26, 2022 11:16:30 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:17:24 Eastern Daylight Time

Name: I23895
ID: CA537STD-10
Date: 26-Jul-2022
Time: 02:42:07
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

L-PFOA



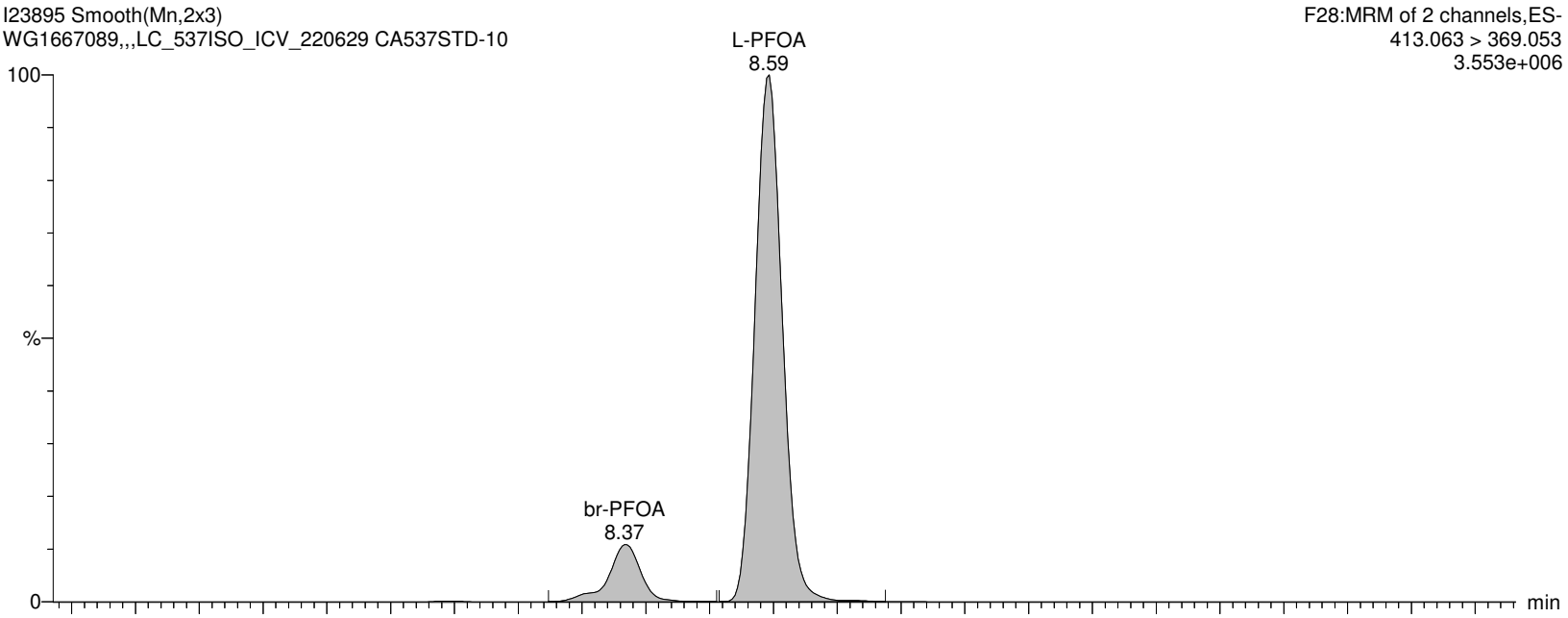


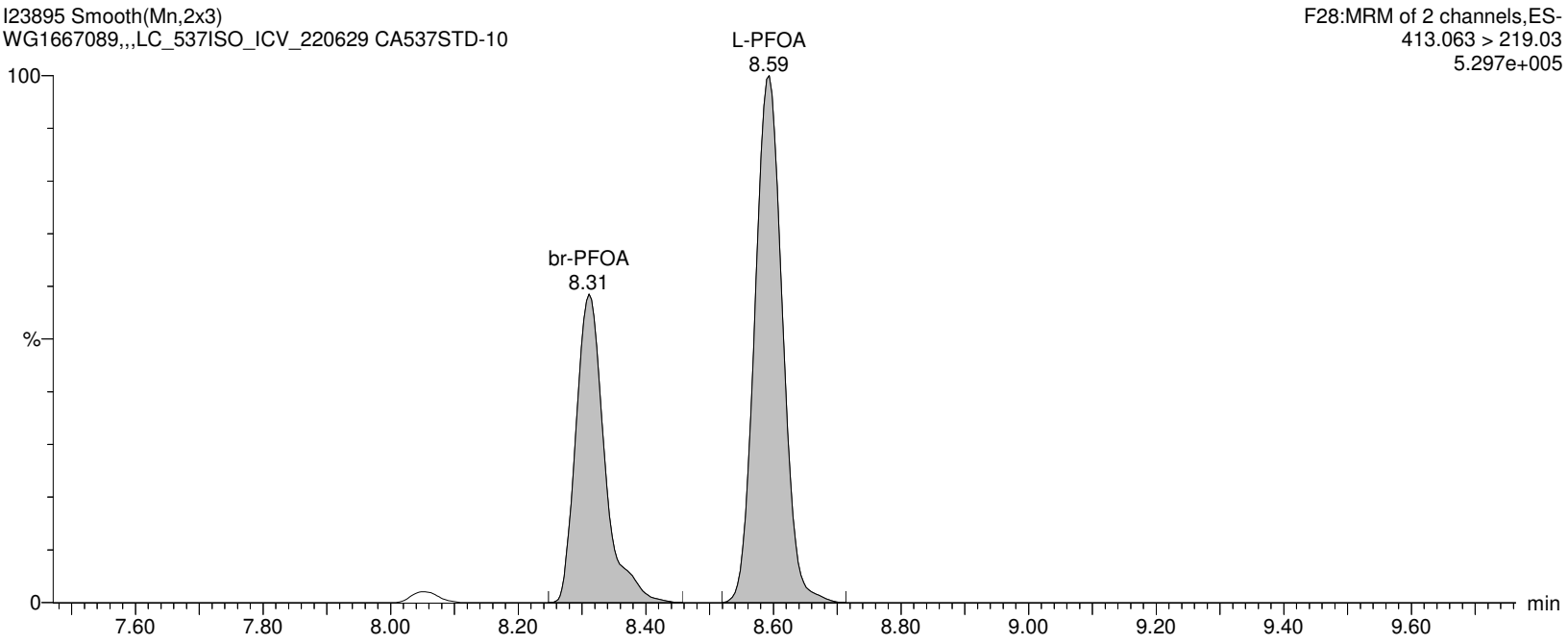
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_tech.qld
Last Altered: Tuesday, July 26, 2022 11:16:30 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:17:24 Eastern Daylight Time

Name: I23895
ID: CA537STD-10
Date: 26-Jul-2022
Time: 02:42:07
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

PFOA



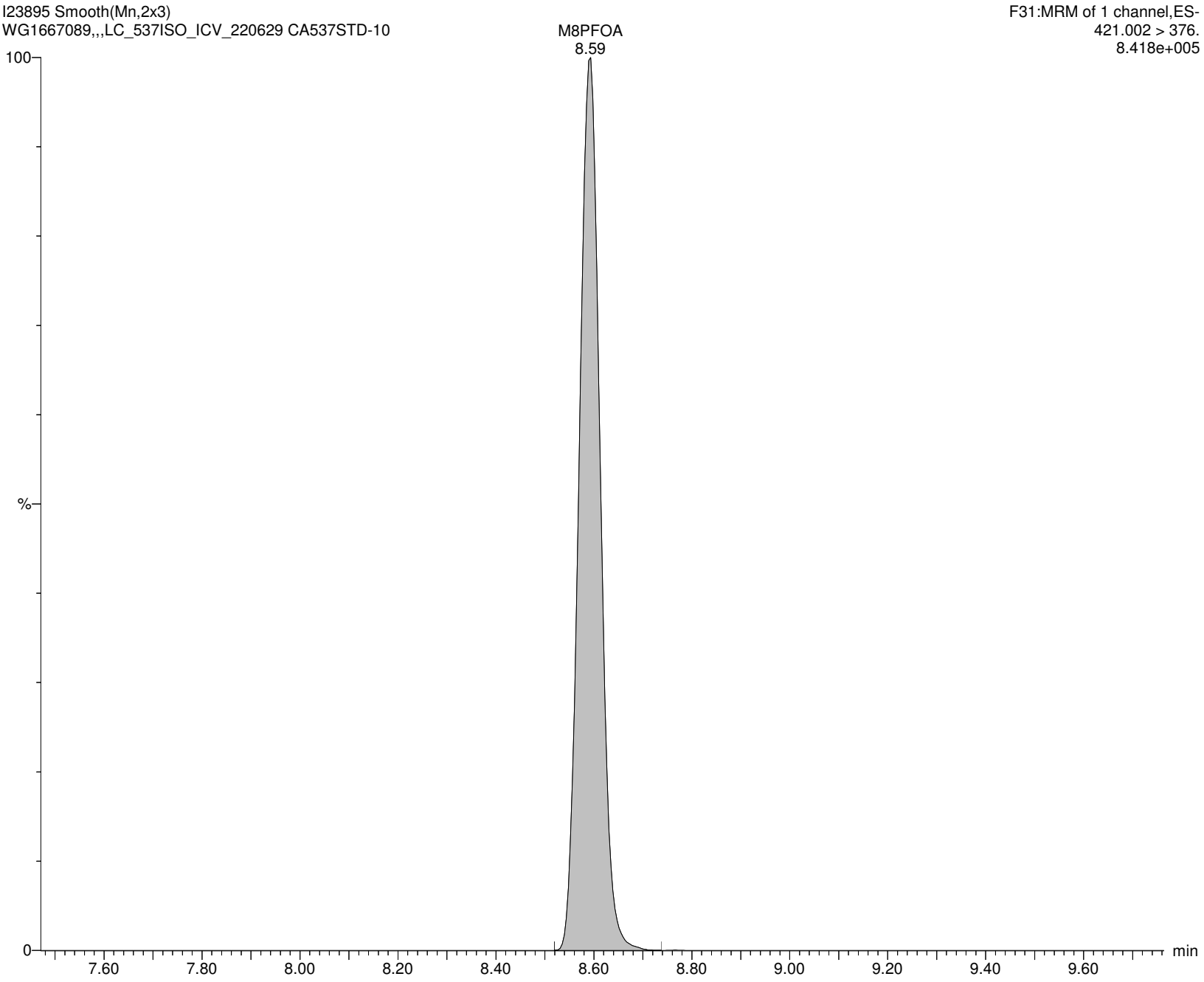


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_tech.qld
Last Altered: Tuesday, July 26, 2022 11:16:30 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:17:24 Eastern Daylight Time

Name: I23895
ID: CA537STD-10
Date: 26-Jul-2022
Time: 02:42:07
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M8PFOA

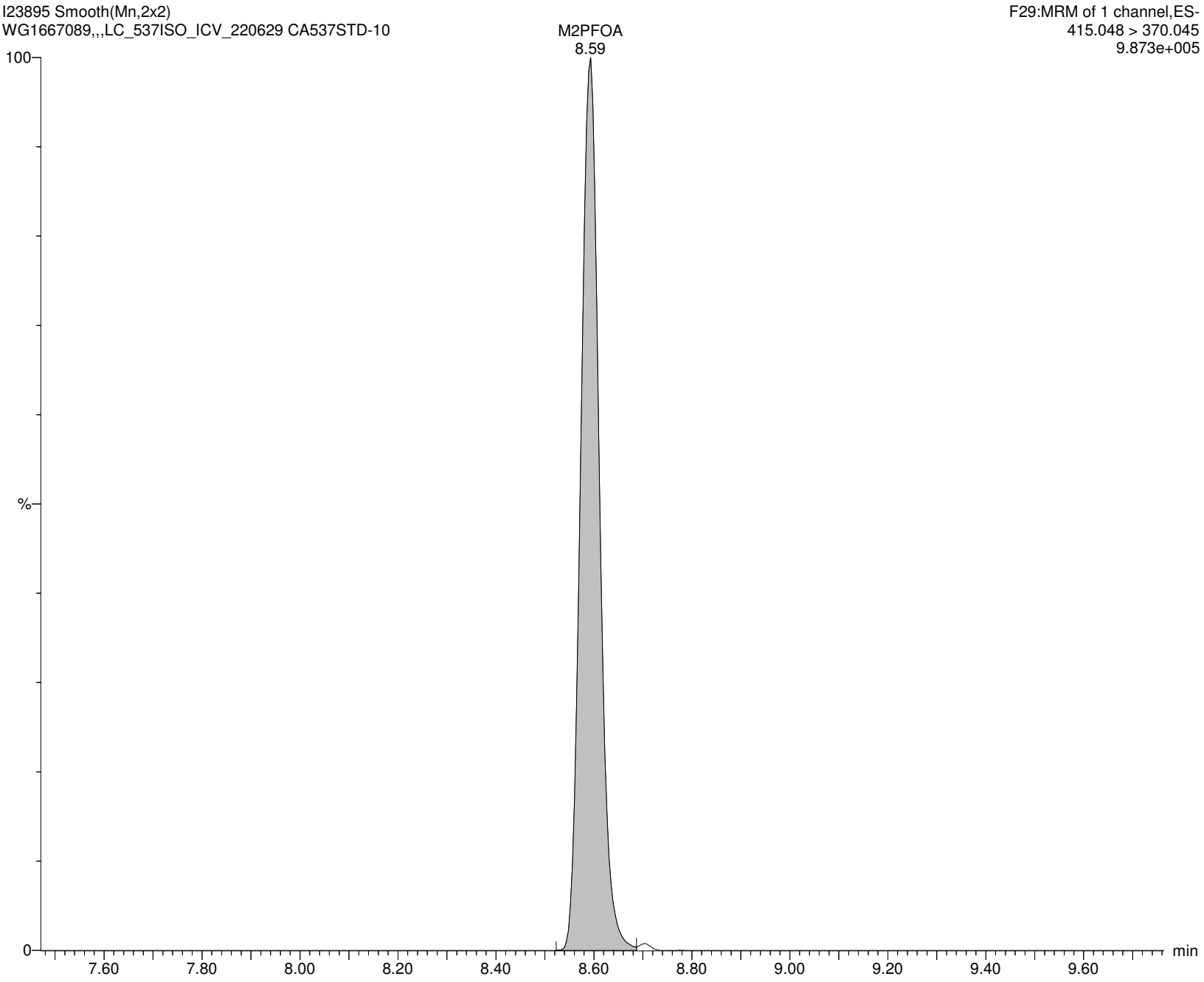


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\Data\wg1667089_tech.qld
Last Altered: Tuesday, July 26, 2022 11:16:30 Eastern Daylight Time
Printed: Tuesday, July 26, 2022 11:17:24 Eastern Daylight Time

Name: I23895
ID: CA537STD-10
Date: 26-Jul-2022
Time: 02:42:07
Description: WG1667089,,,LC_537ISO_ICV_220629
User: LCMS01:RS
Vial: 1:B,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220725_537ISO_ICAL.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220725.EXP

M2PFOA



all concentration units in (ng/mL)

	Compound Name	CAS Number	Compound Type	Quantification Trace	Include Quan Trace in Response?
1	PFBA	375-22-4		213.032 > 169.022	YES
2	M3PFBA	INT STD		216.009 > 171.999	YES
3	MPFBA	INT STD		217.001 > 171.999	YES
4	PFPeA	2706-90-3		263.039 > 219.03	YES
5	M5PFPEA	INT STD		268.001 > 222.999	YES
6	PFBS	375-73-5		299.092 > 80.062	YES
7	M3PFBS	INT STD		302.069 > 80.062	YES
8	4:2FTS	757124-72-4		327.146 > 307.139	YES
9	M2-4:2FTS	INT STD		329.13 > 309.124	YES
10	PFHxA	307-24-4		313.047 > 269.037	YES
11	M5PFHxA	INT STD		318.009 > 273.007	YES
12	PFPeS	2706-91-4		349.1 > 80.062	YES
13	PFHpA	375-85-9		363.055 > 319.045	YES
14	M4PFHpA	INT STD		367.025 > 322.022	YES
15	br-PFHxS	355-46-4		399.107 > 80.062	YES
16	L-PFHxS	355-46-4		399.107 > 80.062	YES
17	PFHxS	355-46-4		399.107 > 80.062	YES
18	M3PFHxS	INT STD		402.084 > 80.062	YES
19	br-PFOA	335-67-1		413.063 > 369.053	YES
20	L-PFOA	335-67-1		413.063 > 369.053	YES
21	PFOA	335-67-1		413.063 > 369.053	YES
22	M8PFOA	INT STD		421.002 > 376.	YES
23	M2PFOA	INT STD		415.048 > 370.045	YES
24	6:2FTS	27619-97-2		427.161 > 407.155	YES
25	M2-6:2FTS	INT STD		429.146 > 409.14	YES
26	PFHpS	375-92-8		449.115 > 80.062	YES
27	PFNA	375-95-1		463.071 > 419.061	YES
28	M9PFNA	INT STD		472.002 > 427.	YES
29	br-PFOS	1763-23-1		499.123 > 80.062	YES
30	L-PFOS	1763-23-1		499.123 > 80.062	YES
31	PFOS	1763-23-1		499.123 > 80.062	YES
32	M4PFOS	INT STD		503.093 > 80.062	YES
33	M8PFOS	INT STD		507.062 > 80.062	YES
34	PFDA	335-76-2		513.078 > 469.069	YES
35	M2PFDA	INT STD		515.063 > 470.061	YES
36	M6PFDA	INT STD		519.033 > 474.03	YES
37	8:2FTS	39108-34-4		527.177 > 507.171	YES
38	M2-8:2FTS	INT STD		529.162 > 509.155	YES
39	PFNS	68259-12-1		549.131 > 80.062	YES
40	d3-NMeFOSAA	INT STD		573.22 > 419.061	YES
41	br-NMeFOSAA	2355-31-9		570.202 > 419.061	YES
42	L-NMeFOSAA	2355-31-9		570.202 > 419.061	YES
43	NMeFOSAA	2355-31-9		570.202 > 419.061	YES
44	PFUnA	2058-94-8		563.086 > 519.076	YES
45	M7-PFUDA	INT STD		570.033 > 525.031	YES
46	PFDS	335-77-3		598.926 > 80.062	YES
47	FOSA	754-91-6		498.146 > 78.07	YES
48	M8FOSA	INT STD		506.077 > 78.07	YES
49	d5-NEtFOSAA	INT STD		589.259 > 419.061	YES
50	br-NEtFOSAA	2991-50-6		584.229 > 419.061	YES
51	L-NEtFOSAA	2991-50-6		584.229 > 419.061	YES
52	NEtFOSAA	2991-50-6		584.229 > 419.061	YES
53	PFDoA	307-55-1		613.094 > 569.084	YES
54	MPFDOA	INT STD		615.079 > 570.077	YES

	Acquisition Func Number	Conc of Std: Levels	Conc of Std: Conc	Use Stock Conc Factor	Stock Conc Factor
1	1	Conc A	0.0000	NO	0.0000
2	2	Fixed	10.0000	NO	0.0000
3	3	Fixed	10.0000	NO	0.0000
4	6	Conc A	0.0000	NO	0.0000
5	8	Fixed	10.0000	NO	0.0000
6	13	Conc A	0.0000	YES	0.8870
7	14	Fixed	9.3200	NO	0.0000
8	19	Conc A	0.0000	YES	0.9370
9	20	Fixed	9.3800	NO	0.0000
10	15	Conc A	0.0000	NO	0.0000
11	18	Fixed	10.0000	NO	0.0000
12	22	Conc A	0.0000	YES	0.9410
13	23	Conc A	0.0000	NO	0.0000
14	24	Fixed	10.0000	NO	0.0000
15	26	Conc A	0.0000	YES	0.1890
16	26	Conc A	0.0000	YES	0.8110
17	26	Conc A	0.0000	YES	0.7300
18	27	Fixed	9.4800	NO	0.0000
19	28	Conc A	0.0000	NO	0.0000
20	28	Conc A	0.0000	NO	0.0000
21	28	Conc A	0.0000	NO	0.0000
22	31	Fixed	10.0000	NO	0.0000
23	29	Fixed	10.0000	YES	10.0000
24	32	Conc A	0.0000	YES	0.9510
25	33	Fixed	9.5100	NO	0.0000
26	35	Conc A	0.0000	YES	0.9530
27	36	Conc A	0.0000	NO	0.0000
28	37	Fixed	10.0000	NO	0.0000
29	39	Conc A	0.0000	YES	0.2110
30	39	Conc A	0.0000	YES	0.7890
31	39	Conc A	0.0000	YES	0.7300
32	40	Fixed	10.0000	NO	0.0000
33	42	Fixed	9.5900	NO	0.0000
34	44	Conc A	0.0000	NO	0.0000
35	45	Fixed	10.0000	NO	0.0000
36	47	Fixed	10.0000	NO	0.0000
37	49	Conc A	1.0000	YES	0.9600
38	50	Fixed	9.6000	NO	0.0000
39	53	Conc A	10.0000	YES	0.9620
40	57	Fixed	10.0000	NO	0.0000
41	56	Conc A	0.0000	YES	0.2400
42	56	Conc A	0.0000	YES	0.7600
43	56	Conc A	0.0000	NO	0.9420
44	54	Conc A	0.0000	NO	0.0000
45	55	Fixed	10.0000	NO	0.0000
46	60	Conc A	0.0000	YES	0.9650
47	38	Conc A	0.0000	NO	0.0000
48	41	Fixed	10.0000	NO	0.0000
49	59	Fixed	10.0000	NO	0.0000
50	58	Conc A	0.0000	YES	0.2250
51	58	Conc A	0.0000	YES	0.7750
52	58	Conc A	0.0000	NO	0.0000
53	61	Conc A	0.0000	NO	0.0000
54	62	Fixed	10.0000	NO	0.0000

	Compound Name	CAS Number	Compound Type	Quantification Trace	Include Quan Trace in Response?
55	PFTrDA	72629-94-8		663.102 > 619.092	YES
56	PFTA	376-06-7		713.11 > 669.1	YES
57	M2PFTEDA	INT STD		715.094 > 670.092	YES
58	M3HFPO-DA	INT STD		287.02 > 169.022	YES
59	HFPO-DA	13252-13-6		285.035 > 169.022	YES
60	ADONA	958445-44-8		377.06 > 251.028	YES
61	PFHxDA			813.122 > 769.116	YES
62	PFODA			913.411 > 869.131	YES
63	M2PFHxDA			815.102 > 770.108	YES
64	PFDoS			699.154 > 80.062	YES
65	M2D4-10:2FTS			633.201 > 612.189	YES
66	10:2FTS			627.192 > 607.186	YES
67	9CL-PF3ONS			530.862 > 350.843	YES
68	11CL-PFOUdS			630.862 > 450.854	YES
69	NMeFOSA			512.163 > 169.022	YES
70	d3-NMeFOSA			515.183 > 169.022	YES
71	NEtFOSA			526.192 > 169.022	YES
72	d5-NEtFOSA			531.222 > 169.022	YES
73	NMeFOSE			616 > 59	YES
74	d7-NMeFOSE			623 > 59	YES
75	NEtFOSE			630 > 59	YES
76	d9-NEtFOSE			639 > 59	YES
77	PFPrS			249.084 > 80.062	YES
78	PFMPA			229.032 > 85.005	YES
79	PFMBA			279.042 > 85.006	YES
80	PFEESA			315.093 > 135.013	YES
81	NFDHA			295.032 > 201.027	YES
82	M3PFPeA			266.017 > 222.007	YES
83	M2PFHxA			315.032 > 270.03	YES
84	M4PFOA			417.032 > 372.03	YES
85	M2D4-6:2FTS			433.17 > 412.158	YES
86	M2D4-4:2FTS			333.155 > 312.142	YES

	Acquisition Func Number	Conc of Std: Levels	Conc of Std: Conc	Use Stock Conc Factor	Stock Conc Factor
55	70	Conc A	0.0000	NO	0.0000
56	72	Conc A	0.0000	NO	0.0000
57	73	Fixed	10.0000	NO	0.0000
58	11	Fixed	200.0000	NO	0.0000
59	10	Conc A	0.0000	YES	10.0000
60	25	Conc A	0.0000	YES	0.9450
61	74	Conc A	0.0000	NO	0.0000
62	76	Conc A	0.0000	NO	0.0000
63	75	Fixed	10.0000	NO	0.9462
64	71	Conc A	0.0000	YES	0.9680
65	68	Fixed	19.6000	YES	2.0000
66	65	Conc A	10.0000	YES	0.9660
67	51	Conc A	0.0000	YES	0.9330
68	67	Conc A	0.0000	YES	0.9430
69	43	Conc A	0.0000	YES	5.0000
70	46	Fixed	100.0000	NO	0.9420
71	48	Conc A	0.0000	YES	5.0000
72	52	Fixed	100.0000	NO	0.9420
73	64	Conc A	0.0000	YES	2.5000
74	63	Fixed	100.0000	NO	0.9420
75	66	Conc A	0.0000	YES	2.5000
76	69	Fixed	100.0000	NO	0.9420
77	5	Conc A	110.0000	YES	0.9200
78	4	Conc A	110.0000	NO	0.0000
79	9	Conc A	110.0000	NO	0.0000
80	17	Conc A	110.0000	YES	0.8900
81	12	Conc A	110.0000	NO	0.0000
82	7	Fixed	10.0000	NO	0.0000
83	16	Fixed	10.0000	YES	10.0000
84	30	Fixed	10.0000	NO	0.0000
85	34	Fixed	10.0000	NO	0.0000
86	21	Fixed	10.0000	NO	0.0000

537 PFC ISO ICAL

Standard Description: **537 ICAL STOCK** Standard Stock Dilution 2-20 ug/mL

Standard Laboratory ID Number: **LC_537ISO_ICALSTOCK_220629**

Assigned Lab ID	Chemical Name	Stock Concentration(ug/mL)	Vendor/Part Number/location	Stock Volume (uL)	Final Volume (mL)	Solvent	Standard Concentration (ng/mL)
LCMS220402BC,BD	30 compound PAR	1.0	**Wellington/PFAC30PAR/Semi05**	2000	4.0	MeOH	500
537_220623_SS	Secondary Stock	2.0	**Semi05**	1000.0	4.0	MeOH	500
LCMS220418H	533 Native add ons	2.0	**Wellington/PFAC-MXG/Semi05**	1000.0	4.0	MeOH	500
Solution Prepared By:	MARISSA PARKER		Date Prepared:	June 29, 2022		Expiration Date:	January 13, 2023
Solvent Lot	N/A		Refrigerator / Freezer No:	SEMI05 Fridge			

537 ISO ICV

Standard Description: **537 ISO** **ICV**

Standard Laboratory ID Number: **537ISO_ICV_220629**

Assigned Lab ID	Chemical Name	Stock Concentration(ug/mL)	Vendor/Part Number/location	Stock Volume (uL)	Final Volume (mL)	Solvent	Standard Concentration (ng/mL)
LCMS210807A	24 Compound Mix	2.0	**Wellington PFAC24PAR**	250	50.0	80:20 MeOH:DI	10.000
LCMS210516AJ	PFDoS	48.4	Wellington L-PFDoS	10	50.0	80:20 MeOH:DI	9.680
LCMS210807C	HFPO-DA	50.0	Wellington HFPO-DA	100	50.0	80:20 MeOH:DI	100.000
LCMS201012PP	11ClPF3OUdS	47.1	Wellington 11Cl-PF3OUdS	10	50.0	80:20 MeOH:DI	9.420
LCMS201023M	9Cl-PF3ONS	46.6	Wellington 9Cl-PF3ONS	10	50.0	80:20 MeOH:DI	9.320
LCMS211018AR	NMeFOSA	50.0	Wellington NMeFOSA	10	50.0	80:20 MeOH:DI	10.000
LCMS21216A	NEtFOSA	50.0	Wellington NEtFOSA	10	50.0	80:20 MeOH:DI	10.000
LCMS210516BE	NMEeFOSe	50.0	Wellington NMeFOSE	10	50.0	80:20 MeOH:DI	10.000
LCMS210807G	NEtFOSE	50.0	Wellington NEtFOSE	10	50.0	80:20 MeOH:DI	10.000
LCMS200921U	ADONA	50.0	Wellimgton Nadona	10	50.0	80:20 MeOH:DI	10.000
LCMS210516BU	PFHxDA	50.0	Wellington PFHxDA	10	50.0	80:20 MeOH:DI	10.000
LCMS210921S	PFODA	50.0	Wellington PFODA	10	50.0	80:20 MeOH:DI	10.000
LCMS210331AA	10:2FTS	48.2	Wellington PFODA	10	50.0	80:20 MeOH:DI	9.640
LCMS200102C	PFEESA	50.0	Wellington PFEESA	10	50.0	MeOH	10.000
LCMS200102B	PFMPA	50.0	Wellington PFOPeA	10	50.0	MeOH	10.000
LCMS200102A	PFMBA	50.0	Wellington PF5OHxA	10	50.0	MeOH	10.000
LCMS200102D	NFDHA	50.0	Wellington 3,6-OPFHpA	10	50.0	MeOH	10.000
LCMS210817D	PFPrS	50.0	Wellington L-PFPrS	10	50.0	MeOH	10.000
Solution Prepared By:	RS		Date Prepared:	June 29, 2022		Expiration Date:	June 29, 2023
Solvent Lot	LCMS 80 MeOH EB038-US : H2O : Lab Type II RO EC062922B		Refrigerator / Freezer No:	SEMI05 Fridge			

Analyst Ray Siegener Date: 7/1/2021

Secondary Review: _____ Date: _____

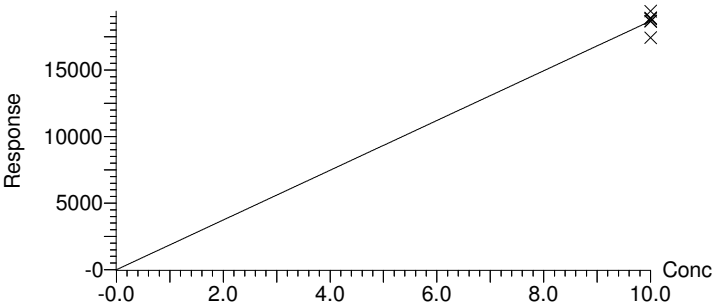
Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 14:04:31 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\MethDB\MeOH_FRAC_220727.mdb 27 Jul 2022 13:43:47
Calibration: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\CurveDB\220727_MEOH_ICAL.cdb 27 Jul 2022 13:45:01

Compound name: M5PFNA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	M08685	IA537STD-.5	27-Jul-22	12:50:24	2.224		18639.563	9.980	99.8	1863.956	1845		1.02
2	M08686	IA537STD-1.0	27-Jul-22	12:57:36	2.224		18665.311	9.994	99.9	1866.531	6444		1.03
3	M08687	IA537STD-2.5	27-Jul-22	13:04:49	2.220		17416.080	9.325	93.2	1741.608	2014		1.08
4	M08688	IA537STD-10	27-Jul-22	13:12:02	2.220		19416.809	10.396	104.0	1941.681	7380		1.08
5	M08689	IA537STD-25	27-Jul-22	13:19:14	2.220		18852.602	10.094	100.9	1885.260	3789		1.04
6	M08690	IA537STD-100	27-Jul-22	13:26:27	2.217		18836.510	10.085	100.9	1883.651	4063		1.12
7	M08691	IA537STD250	27-Jul-22	13:33:41	2.220		18913.496	10.127	101.3	1891.350	6776		1.11

Compound name: M5PFNA
Response Factor: 1867.72
RRF SD: 61.2506, % Relative SD: 3.27943
Response type: External Std, Area
Curve type: RF



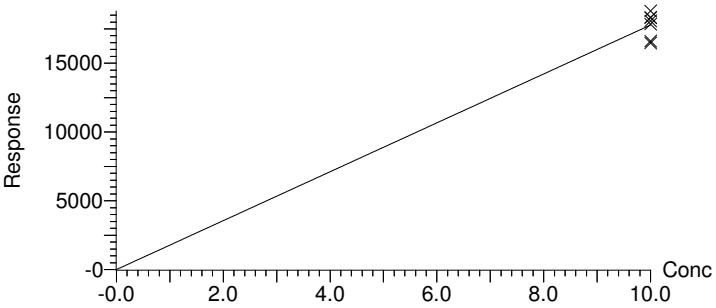
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 14:04:31 Eastern Daylight Time

Compound name: M2-PFUDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	M08685	IA537STD-.5	27-Jul-22	12:50:24	2.816		18084.328	10.169	101.7	1808.433	4775		0.94
2	M08686	IA537STD-1.0	27-Jul-22	12:57:36	2.816		18803.150	10.573	105.7	1880.315	3484		1.03
3	M08687	IA537STD-2.5	27-Jul-22	13:04:49	2.816		16605.758	9.338	93.4	1660.576	4218		0.94
4	M08688	IA537STD-10	27-Jul-22	13:12:02	2.816		18342.963	10.314	103.1	1834.296	3001		1.01
5	M08689	IA537STD-25	27-Jul-22	13:19:14	2.816		18321.986	10.303	103.0	1832.199	7507		0.92
6	M08690	IA537STD-100	27-Jul-22	13:26:27	2.812		17849.484	10.037	100.4	1784.948	829		0.97
7	M08691	IA537STD250	27-Jul-22	13:33:41	2.825		16479.145	9.266	92.7	1647.915	1584		0.96

Compound name: M2-PFUDA
Response Factor: 1778.38
RRF SD: 89.6839, % Relative SD: 5.043
Response type: External Std, Area
Curve type: RF



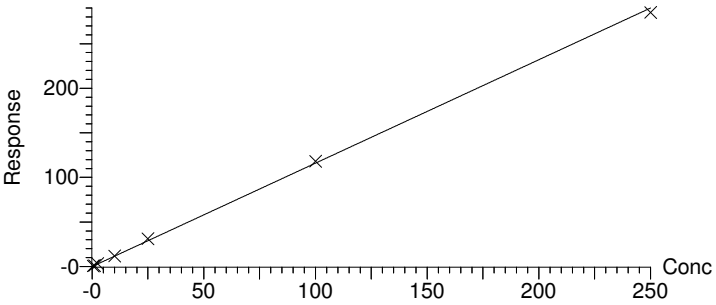
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 14:04:31 Eastern Daylight Time

Compound name: FOSA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	M08685	IA537STD-.5	27-Jul-22	12:50:24	2.814	13488.272	732.099	0.468	93.6	1.086	200	13	0.91
2	M08686	IA537STD-1.0	27-Jul-22	12:57:36	2.814	13175.633	1556.392	1.018	101.8	1.181	27060	463	0.95
3	M08687	IA537STD-2.5	27-Jul-22	13:04:49	2.810	11395.280	3603.692	2.726	109.0	1.265	1119	13	1.00
4	M08688	IA537STD-10	27-Jul-22	13:12:02	2.814	12828.069	15378.999	10.333	103.3	1.199	13776	1431	0.96
5	M08689	IA537STD-25	27-Jul-22	13:19:14	2.810	12113.729	37984.051	27.027	108.1	1.254	14844	4567	0.99
6	M08690	IA537STD-100	27-Jul-22	13:26:27	2.810	12065.232	142452.078	101.767	101.8	1.181	15489	367	0.95
7	M08691	IA537STD250	27-Jul-22	13:33:41	2.823	11786.847	335937.250	245.661	98.3	1.140	41160	336	0.94

Compound name: FOSA
Coefficient of Determination: R^2 = 0.999187
Calibration curve: 1.16018 * x
Response type: Internal Std (Ref 4), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



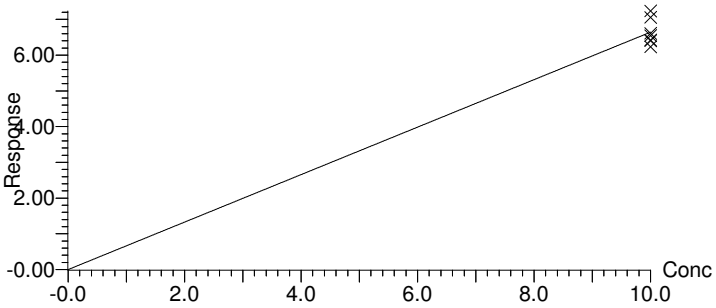
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 14:04:31 Eastern Daylight Time

Compound name: M8FOSA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	M08685	IA537STD-.5	27-Jul-22	12:50:24	2.810	18639.563	13488.272	10.892	108.9	0.724	4418		0.99
2	M08686	IA537STD-1.0	27-Jul-22	12:57:36	2.814	18665.311	13175.633	10.625	106.2	0.706	5220		0.95
3	M08687	IA537STD-2.5	27-Jul-22	13:04:49	2.810	17416.080	11395.280	9.848	98.5	0.654	6904		0.97
4	M08688	IA537STD-10	27-Jul-22	13:12:02	2.814	19416.809	12828.069	9.944	99.4	0.661	3898		0.94
5	M08689	IA537STD-25	27-Jul-22	13:19:14	2.810	18852.602	12113.729	9.671	96.7	0.643	1540		0.98
6	M08690	IA537STD-100	27-Jul-22	13:26:27	2.810	18836.510	12065.232	9.641	96.4	0.641	1798		0.93
7	M08691	IA537STD250	27-Jul-22	13:33:41	2.819	18913.496	11786.847	9.380	93.8	0.623	1033		1.04

Compound name: M8FOSA
Response Factor: 0.664394
RRF SD: 0.036723, % Relative SD: 5.52729
Response type: Internal Std (Ref 1), Area * (IS Conc. / IS Area)
Curve type: RF



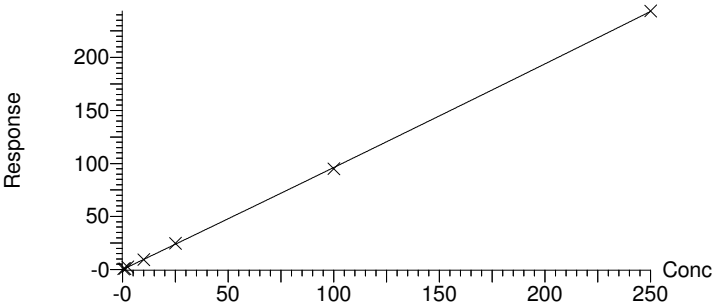
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 14:04:31 Eastern Daylight Time

Compound name: NMeFOSA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	M08685	IA537STD-.5	27-Jul-22	12:50:24	3.170	38384.063	183.203	0.500	100.0	0.955	272	69	0.94
2	M08686	IA537STD-1.0	27-Jul-22	12:57:36	3.174	39602.430	390.102	1.032	103.2	0.985	265	125	0.91
3	M08687	IA537STD-2.5	27-Jul-22	13:04:49	3.170	35513.555	880.440	2.598	103.9	0.992	714	1510	0.93
4	M08688	IA537STD-10	27-Jul-22	13:12:02	3.174	35506.039	3354.783	9.895	99.0	0.945	648	409	0.94
5	M08689	IA537STD-25	27-Jul-22	13:19:14	3.174	38750.305	9569.061	25.829	103.3	0.988	1608	2866	0.86
6	M08690	IA537STD-100	27-Jul-22	13:26:27	3.170	37790.551	35900.102	98.780	98.8	0.950	3926	3880	0.91
7	M08691	IA537STD250	27-Jul-22	13:33:41	3.179	37357.488	91061.227	250.413	100.2	0.975	10722	5741	0.91

Compound name: NMeFOSA
Coefficient of Determination: R^2 = 0.999872
Calibration curve: 7.72432e-005 * x^2 + 0.954074 * x
Response type: Internal Std (Ref 6), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/y, Axis trans: None



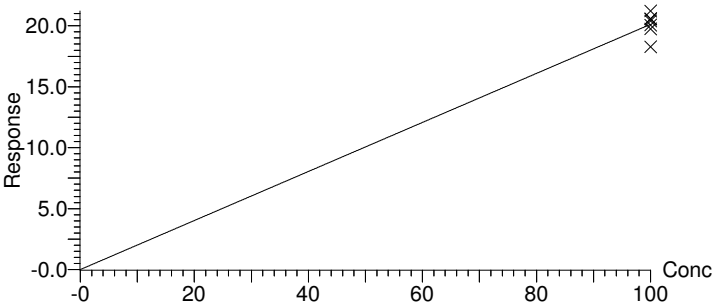
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 14:04:31 Eastern Daylight Time

Compound name: d3-NMeFOSA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	M08685	IA537STD-.5	27-Jul-22	12:50:24	3.166	18639.563	38384.063	102.338	102.3	0.206	6646		0.96
2	M08686	IA537STD-1.0	27-Jul-22	12:57:36	3.170	18665.311	39602.430	105.441	105.4	0.212	3521		0.91
3	M08687	IA537STD-2.5	27-Jul-22	13:04:49	3.166	17416.080	35513.555	101.337	101.3	0.204	5060		0.95
4	M08688	IA537STD-10	27-Jul-22	13:12:02	3.170	19416.809	35506.039	90.876	90.9	0.183	4791		0.93
5	M08689	IA537STD-25	27-Jul-22	13:19:14	3.166	18852.602	38750.305	102.147	102.1	0.206	5899		0.96
6	M08690	IA537STD-100	27-Jul-22	13:26:27	3.166	18836.510	37790.551	99.702	99.7	0.201	4435		0.93
7	M08691	IA537STD250	27-Jul-22	13:33:41	3.175	18913.496	37357.488	98.159	98.2	0.198	5308		0.92

Compound name: d3-NMeFOSA
Response Factor: 0.201223
RRF SD: 0.00930146, % Relative SD: 4.62247
Response type: Internal Std (Ref 1), Area * (IS Conc. / IS Area)
Curve type: RF



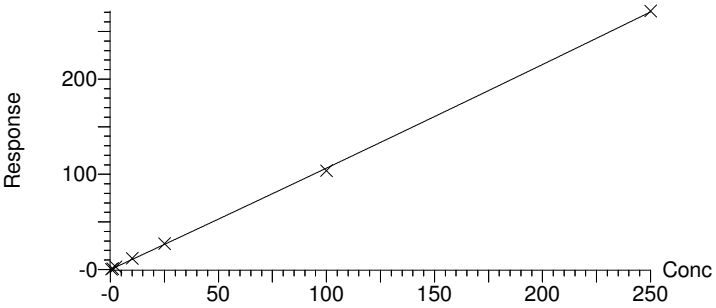
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 14:04:31 Eastern Daylight Time

Compound name: NEtFOSA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	M08685	IA537STD-.5	27-Jul-22	12:50:24	3.355	42711.426	207.224	0.460	92.1	0.970	24	7	1.10
2	M08686	IA537STD-1.0	27-Jul-22	12:57:36	3.358	45455.621	477.444	0.997	99.7	1.050	101	38	1.05
3	M08687	IA537STD-2.5	27-Jul-22	13:04:49	3.353	39971.574	1058.428	2.512	100.5	1.059	543	43	1.09
4	M08688	IA537STD-10	27-Jul-22	13:12:02	3.358	39570.746	4598.077	11.014	110.1	1.162	1104	168	1.10
5	M08689	IA537STD-25	27-Jul-22	13:19:14	3.355	44282.773	11988.070	25.619	102.5	1.083	2613	313	1.06
6	M08690	IA537STD-100	27-Jul-22	13:26:27	3.353	43096.836	44766.891	97.546	97.5	1.039	14579	5095	1.06
7	M08691	IA537STD250	27-Jul-22	13:33:41	3.361	42807.164	116221.797	250.854	100.3	1.086	13911	4381	1.10

Compound name: NEtFOSA
Coefficient of Determination: R^2 = 0.999519
Calibration curve: 0.00011362 * x^2 + 1.05381 * x
Response type: Internal Std (Ref 8), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



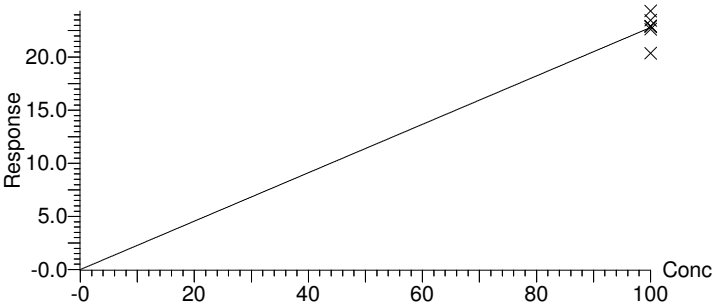
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 14:04:31 Eastern Daylight Time

Compound name: d5-NEtFOSA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	M08685	IA537STD-.5	27-Jul-22	12:50:24	3.348	18639.563	42711.426	100.502	100.5	0.229	3149		1.09
2	M08686	IA537STD-1.0	27-Jul-22	12:57:36	3.350	18665.311	45455.621	106.812	106.8	0.244	3594		1.07
3	M08687	IA537STD-2.5	27-Jul-22	13:04:49	3.348	17416.080	39971.574	100.662	100.7	0.230	3409		1.04
4	M08688	IA537STD-10	27-Jul-22	13:12:02	3.353	19416.809	39570.746	89.385	89.4	0.204	7029		1.03
5	M08689	IA537STD-25	27-Jul-22	13:19:14	3.348	18852.602	44282.773	103.022	103.0	0.235	16219		1.08
6	M08690	IA537STD-100	27-Jul-22	13:26:27	3.345	18836.510	43096.836	100.349	100.3	0.229	8605		1.09
7	M08691	IA537STD250	27-Jul-22	13:33:41	3.356	18913.496	42807.164	99.268	99.3	0.226	9112		1.05

Compound name: d5-NEtFOSA
Response Factor: 0.227999
RRF SD: 0.0121207, % Relative SD: 5.3161
Response type: Internal Std (Ref 1), Area * (IS Conc. / IS Area)
Curve type: RF



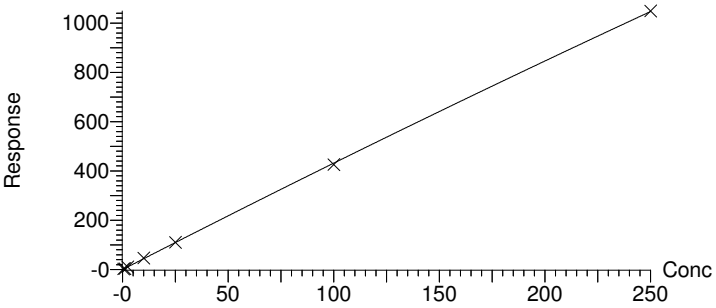
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 14:04:31 Eastern Daylight Time

Compound name: NMeFOSE

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	M08685	IA537STD-.5	27-Jul-22	12:50:24	3.176	20960.381	411.057	0.445	89.1	3.922	7475		0.86
2	M08686	IA537STD-1.0	27-Jul-22	12:57:36	3.176	20618.738	853.008	0.939	93.9	4.137	591		0.91
3	M08687	IA537STD-2.5	27-Jul-22	13:04:49	3.172	18612.357	2017.967	2.463	98.5	4.337	375		0.93
4	M08688	IA537STD-10	27-Jul-22	13:12:02	3.176	18036.938	8502.344	10.724	107.2	4.714	1157		0.92
5	M08689	IA537STD-25	27-Jul-22	13:19:14	3.176	19293.137	21404.797	25.314	101.3	4.438	1652		0.87
6	M08690	IA537STD-100	27-Jul-22	13:26:27	3.172	19011.564	80941.680	98.576	98.6	4.257	8808		0.92
7	M08691	IA537STD250	27-Jul-22	13:33:41	3.185	17815.227	186875.063	250.541	100.2	4.196	5066		0.83

Compound name: NMeFOSE
Coefficient of Determination: R^2 = 0.999753
Calibration curve: -0.000869968 * x^2 + 4.40475 * x
Response type: Internal Std (Ref 10), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



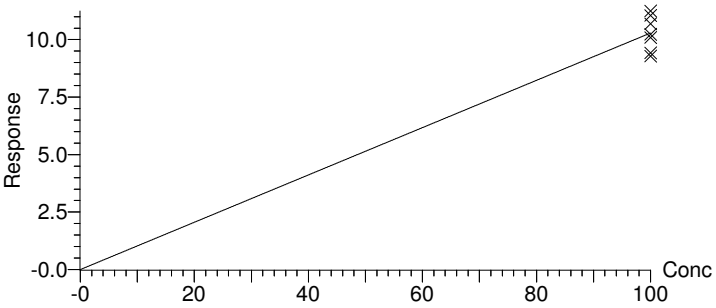
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 14:04:31 Eastern Daylight Time

Compound name: d7-NMeFOSE

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	M08685	IA537STD-.5	27-Jul-22	12:50:24	3.163	18639.563	20960.381	109.306	109.3	0.112	2646		0.97
2	M08686	IA537STD-1.0	27-Jul-22	12:57:36	3.168	18665.311	20618.738	107.376	107.4	0.110	1708		0.93
3	M08687	IA537STD-2.5	27-Jul-22	13:04:49	3.163	17416.080	18612.357	103.880	103.9	0.107	2984		0.95
4	M08688	IA537STD-10	27-Jul-22	13:12:02	3.168	19416.809	18036.938	90.296	90.3	0.093	2023		0.94
5	M08689	IA537STD-25	27-Jul-22	13:19:14	3.163	18852.602	19293.137	99.475	99.5	0.102	3720		0.97
6	M08690	IA537STD-100	27-Jul-22	13:26:27	3.163	18836.510	19011.564	98.107	98.1	0.101	3555		0.94
7	M08691	IA537STD250	27-Jul-22	13:33:41	3.172	18913.496	17815.227	91.559	91.6	0.094	2859		0.93

Compound name: d7-NMeFOSE
Response Factor: 0.102877
RRF SD: 0.00757571, % Relative SD: 7.36386
Response type: Internal Std (Ref 1), Area * (IS Conc. / IS Area)
Curve type: RF



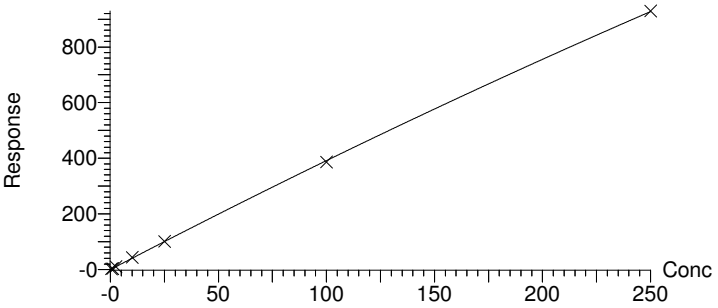
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 14:04:31 Eastern Daylight Time

Compound name: NEtFOSE

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	M08685	IA537STD-.5	27-Jul-22	12:50:24	3.351	22491.322	397.478	0.436	87.2	3.535	364		1.02
2	M08686	IA537STD-1.0	27-Jul-22	12:57:36	3.351	21622.803	810.533	0.925	92.5	3.749	1918		1.10
3	M08687	IA537STD-2.5	27-Jul-22	13:04:49	3.348	19344.139	2047.484	2.613	104.5	4.234	405		1.06
4	M08688	IA537STD-10	27-Jul-22	13:12:02	3.354	19345.859	8423.075	10.779	107.8	4.354	1663		1.06
5	M08689	IA537STD-25	27-Jul-22	13:19:14	3.348	20827.654	21029.758	25.120	100.5	4.039	6481		1.10
6	M08690	IA537STD-100	27-Jul-22	13:26:27	3.348	20630.803	79650.492	98.530	98.5	3.861	36272		1.03
7	M08691	IA537STD250	27-Jul-22	13:33:41	3.357	20177.102	187542.203	250.608	100.2	3.718	29935		1.07

Compound name: NEtFOSE
Coefficient of Determination: R^2 = 0.999698
Calibration curve: -0.00137729 * x^2 + 4.05406 * x
Response type: Internal Std (Ref 12), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



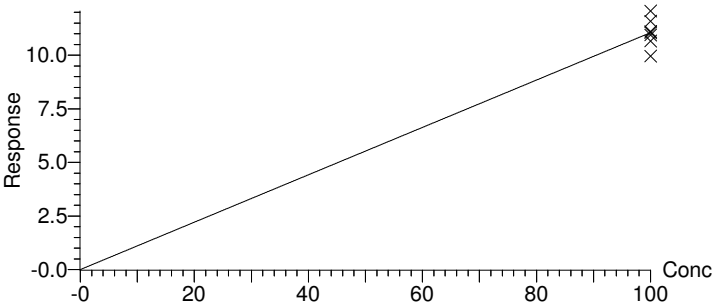
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 14:04:31 Eastern Daylight Time

Compound name: d9-NEtFOSE

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1º S/N	2º S/N	(b/a)
1	M08685	IA537STD-.5	27-Jul-22	12:50:24	3.338	18639.563	22491.322	109.143	109.1	0.121	3349		1.07
2	M08686	IA537STD-1.0	27-Jul-22	12:57:36	3.341	18665.311	21622.803	104.783	104.8	0.116	2809		1.07
3	M08687	IA537STD-2.5	27-Jul-22	13:04:49	3.338	17416.080	19344.139	100.465	100.5	0.111	5275		1.03
4	M08688	IA537STD-10	27-Jul-22	13:12:02	3.343	19416.809	19345.859	90.121	90.1	0.100	5676		1.03
5	M08689	IA537STD-25	27-Jul-22	13:19:14	3.338	18852.602	20827.654	99.927	99.9	0.110	3957		1.07
6	M08690	IA537STD-100	27-Jul-22	13:26:27	3.335	18836.510	20630.803	99.067	99.1	0.110	5883		1.07
7	M08691	IA537STD250	27-Jul-22	13:33:41	3.343	18913.496	20177.102	96.494	96.5	0.107	5595		1.11

Compound name: d9-NEtFOSE
Response Factor: 0.110557
RRF SD: 0.00665555, % Relative SD: 6.02003
Response type: Internal Std (Ref 1), Area * (IS Conc. / IS Area)
Curve type: RF



all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:08 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\MethDB\MeOH_FRAC_220727.mdb 27 Jul 2022 13:43:47
Calibration: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\CurveDB\220727_MEOH_ICAL.cdb 27 Jul 2022 13:45:01

ID: IA537STD-.5
Name: M08685
Date: 27-Jul-2022
Time: 12:50:24
Description: WG1667929,LC_537_CAL_220713_1
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:RS
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	M5PFNA	INT STD	2.22	468 > 423	18640		9.980		na	99.8
2	M2-PFUDA	INT STD	2.82	565.1 > 520.1	18084		10.169		na	101.7
3	FOSA	754-91-6	2.81	497.989 > 78.245	732	m7	0.468	63.77	YES	93.6
4	M8FOSA	INT STD	2.81	506.053 > 78.286	13488		10.892		na	108.9
5	NMeFOSA		3.17	512.163 > 169.022	183		0.500	2.31	NO	100.0
6	d3-NMeFOSA		3.17	515.183 > 169.022	38384		102.338		na	102.3
7	NEtFOSA		3.36	526.192 > 169.022	207	m7	0.460	5.30	NO	92.1
8	d5-NEtFOSA		3.35	531.224 > 169.022	42711		100.502		na	100.5
9	NMeFOSE		3.18	616 > 59	411		0.445		na	89.1
10	d7-NMeFOSE		3.16	623 > 59	20960		109.306		na	109.3
11	NEtFOSE		3.35	630 > 59	397		0.436		na	87.2
12	d9-NEtFOSE		3.34	639 > 59	22491		109.143		na	109.1

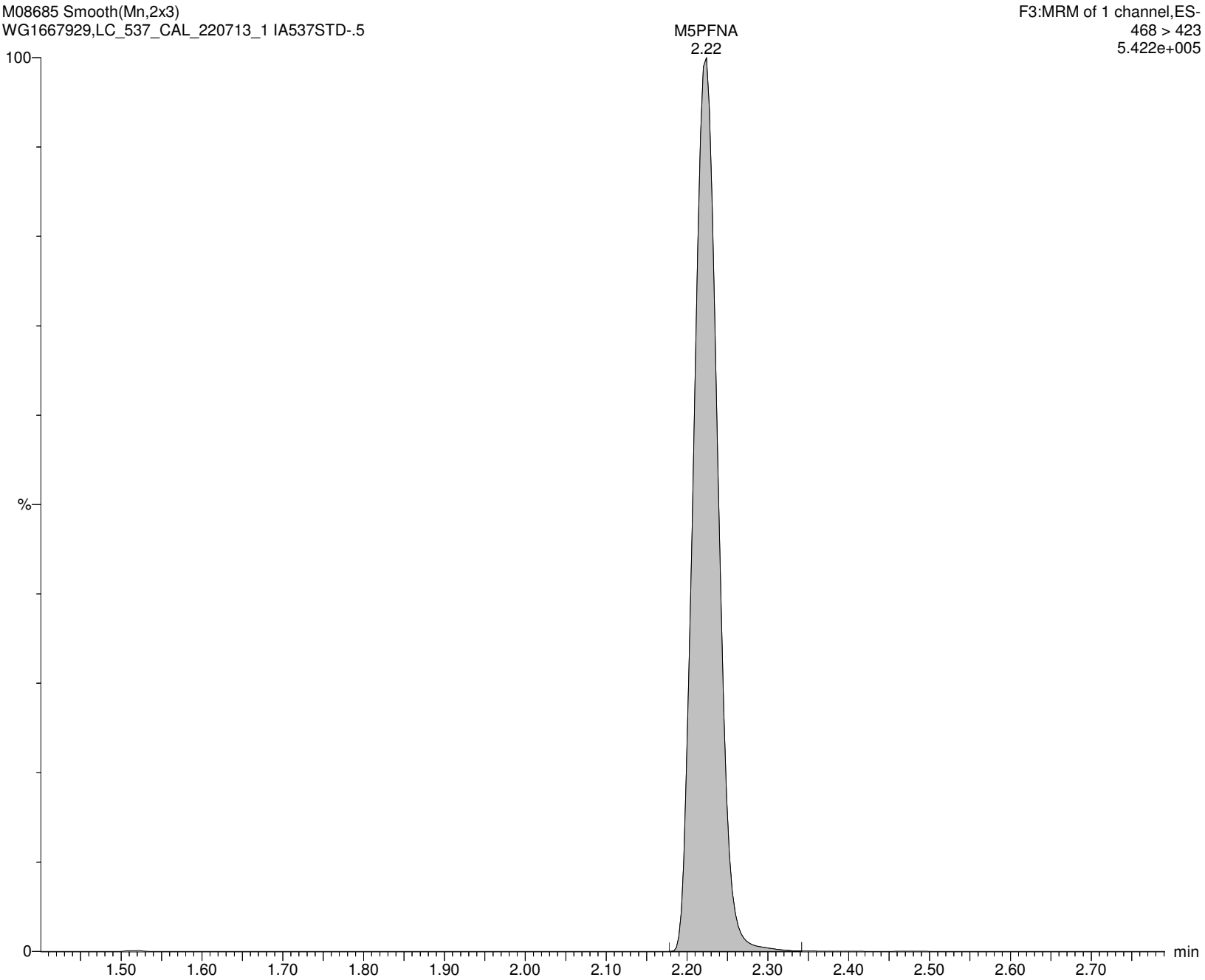
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:08 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\MethDB\MeOH_FRAC_220727.mdb 27 Jul 2022 13:43:47
Calibration: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\CurveDB\220727_MEOH_ICAL.cdb 27 Jul 2022 13:45:01

Name: M08685
ID: IA537STD-.5
Date: 27-Jul-2022
Time: 12:50:24
Description: WG1667929,LC_537_CAL_220713_1
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

M5PFNA

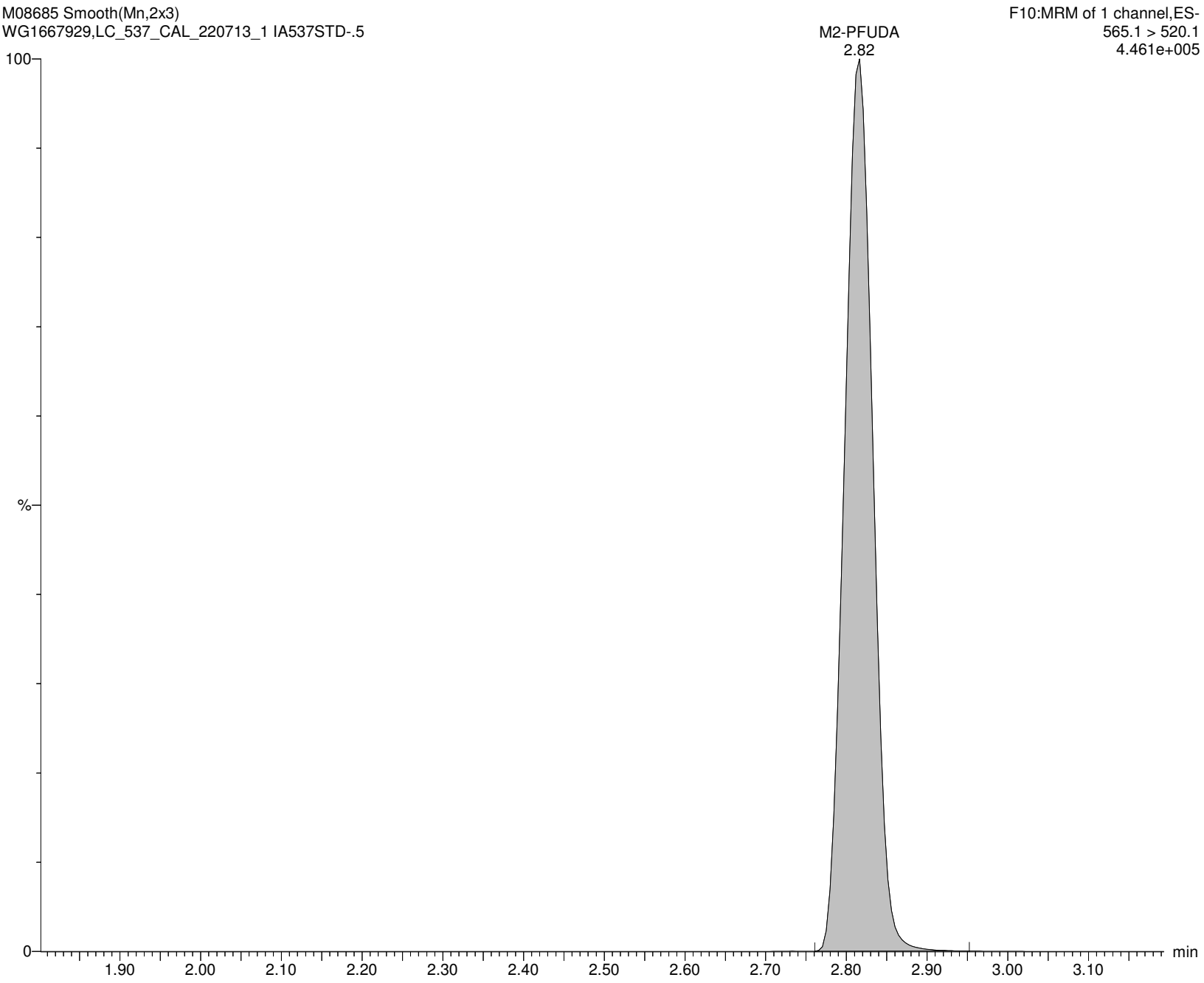


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:08 Eastern Daylight Time

Name: M08685
ID: IA537STD-.5
Date: 27-Jul-2022
Time: 12:50:24
Description: WG1667929,LC_537_CAL_220713_1
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

M2-PFUDA

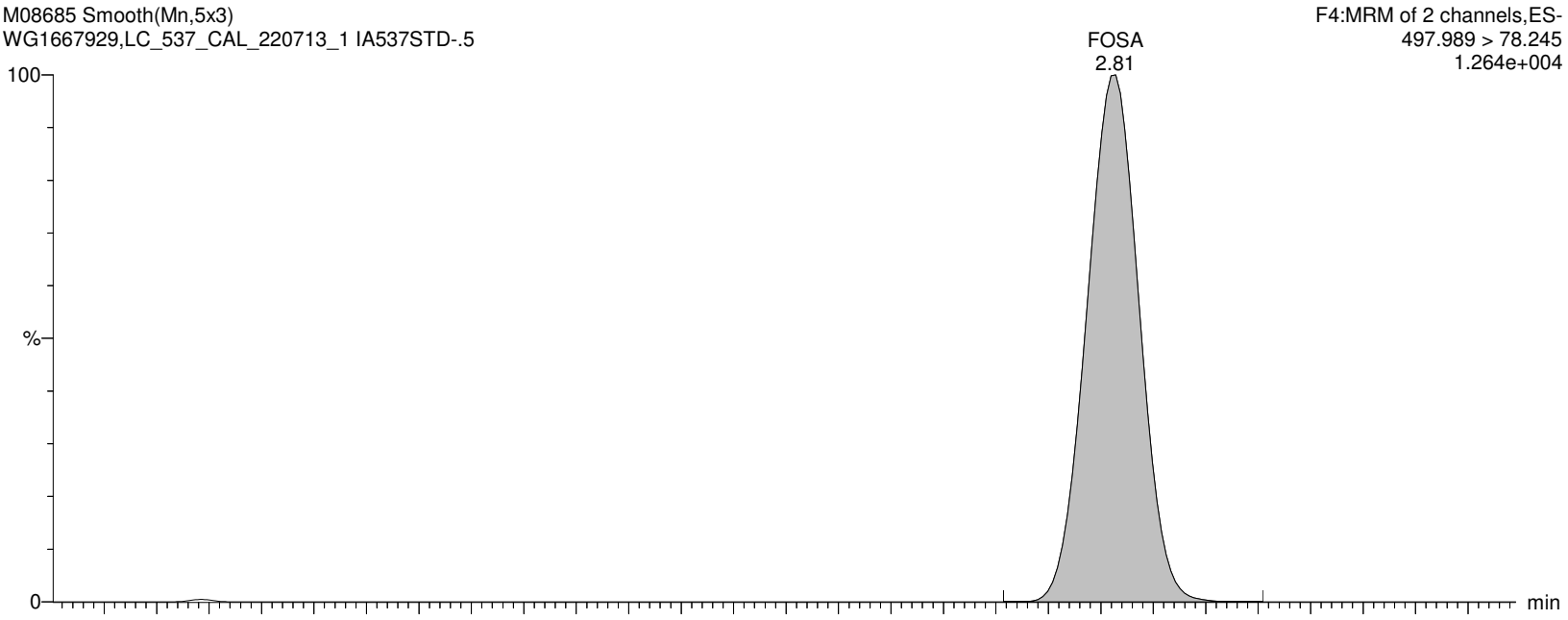


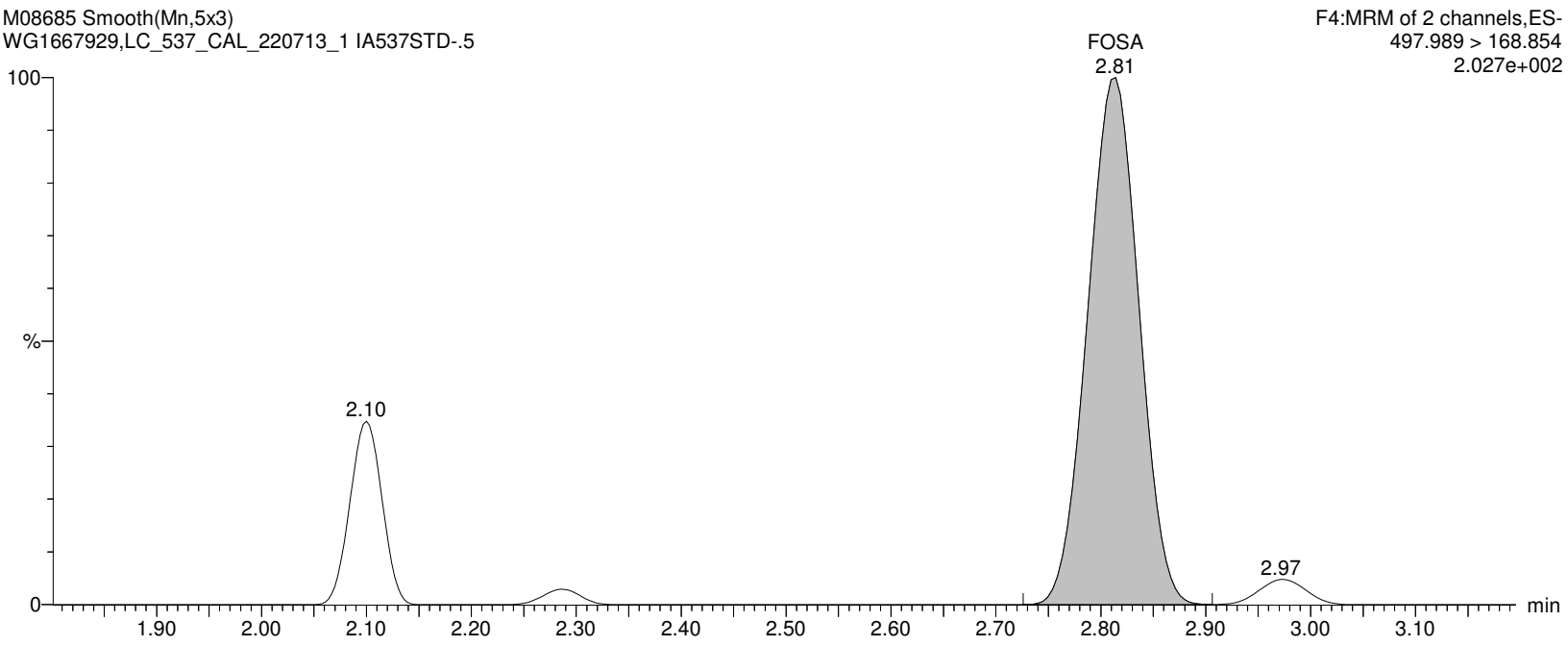
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:08 Eastern Daylight Time

Name: M08685
ID: IA537STD-.5
Date: 27-Jul-2022
Time: 12:50:24
Description: WG1667929,LC_537_CAL_220713_1
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

FOSA



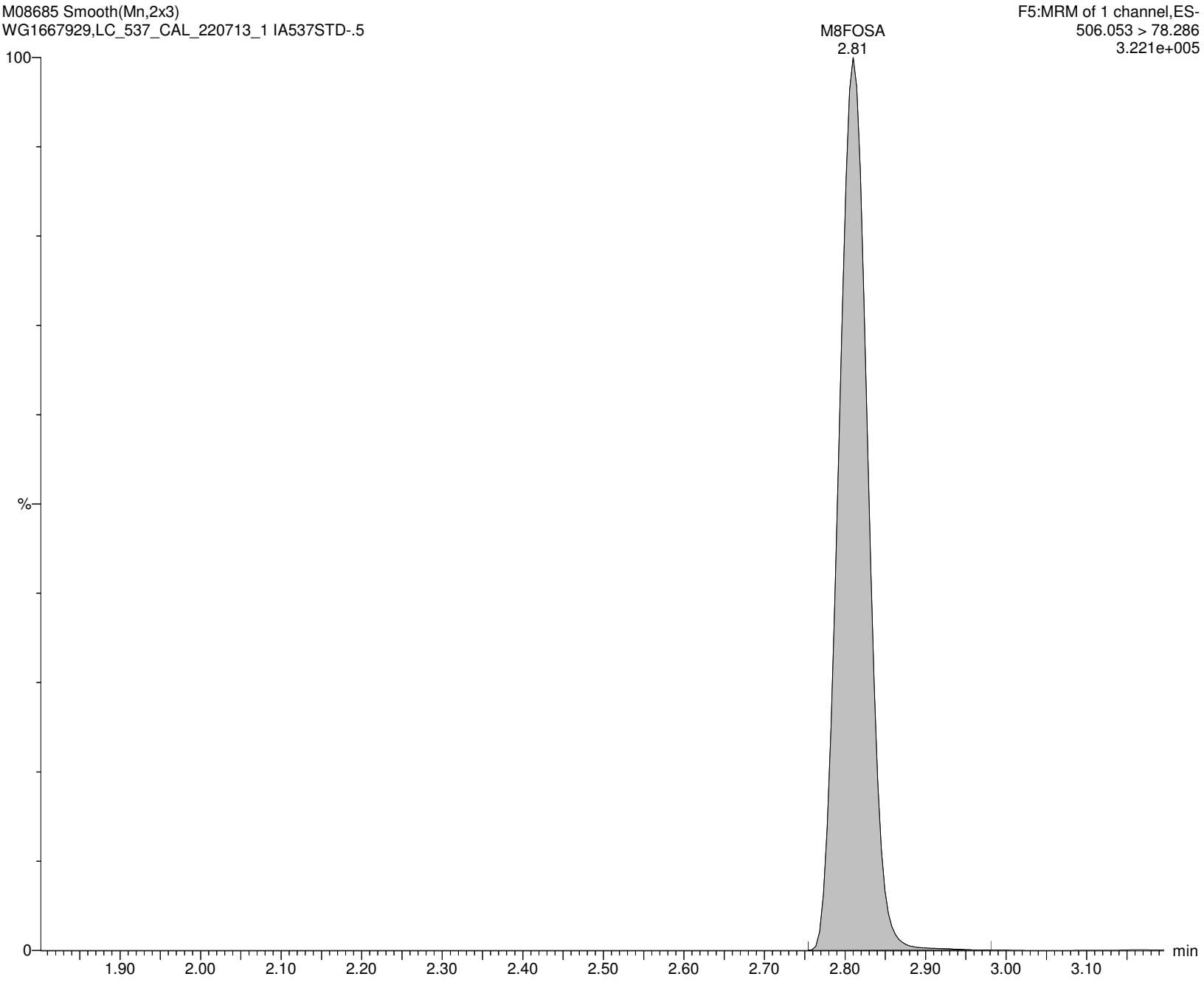


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:08 Eastern Daylight Time

Name: M08685
ID: IA537STD-.5
Date: 27-Jul-2022
Time: 12:50:24
Description: WG1667929,LC_537_CAL_220713_1
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

M8FOSA

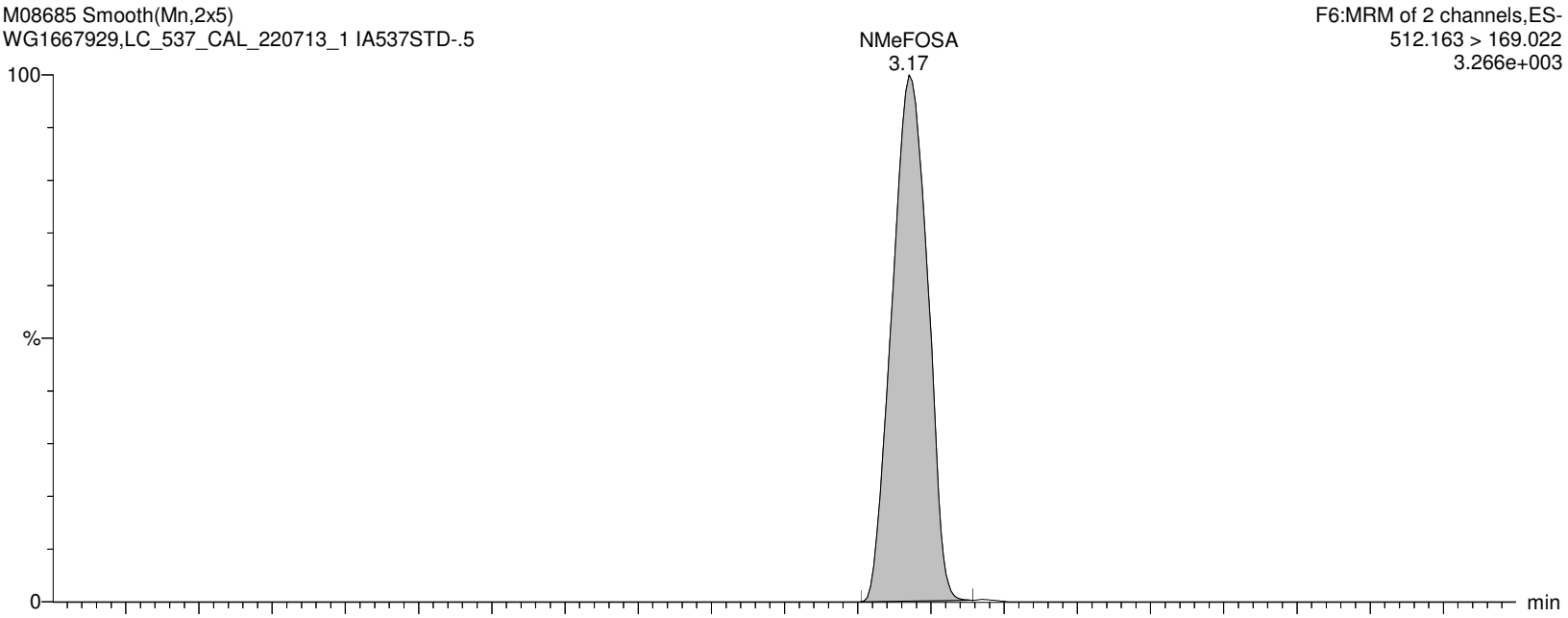


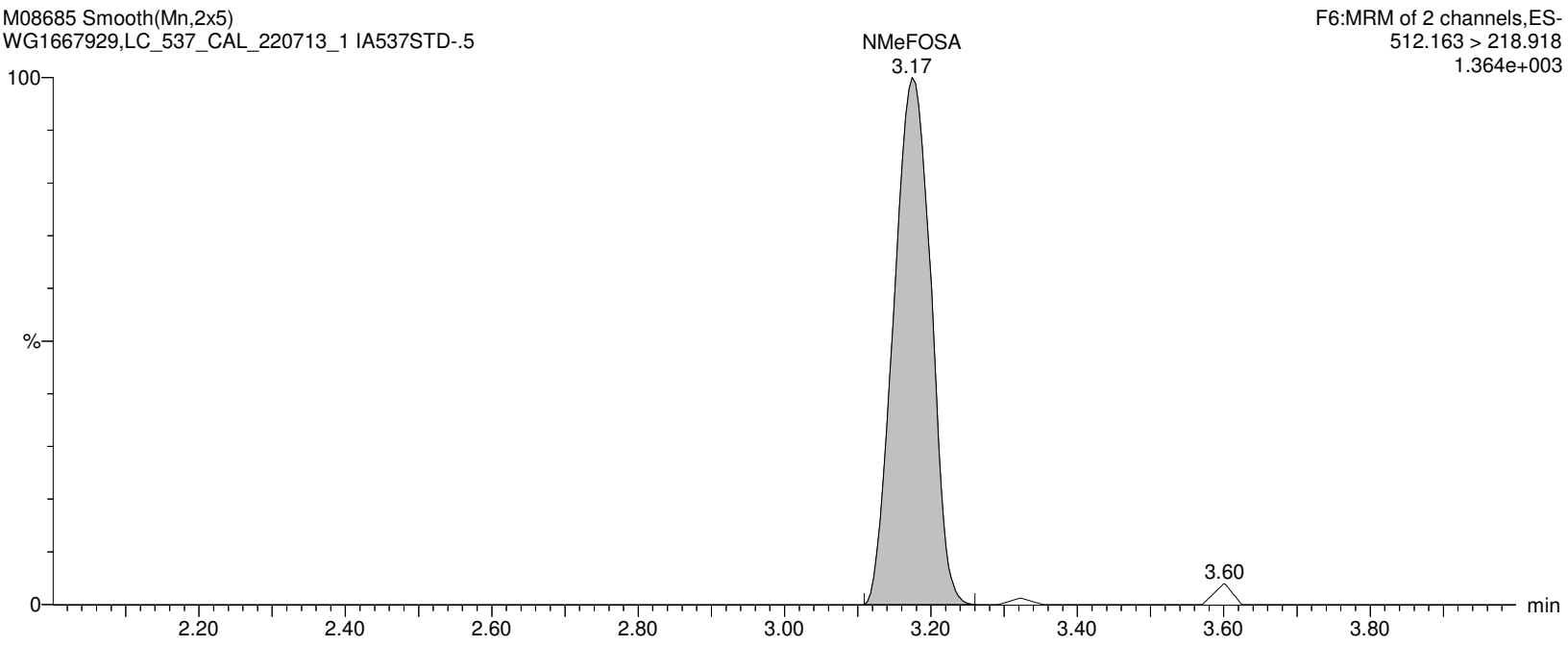
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:08 Eastern Daylight Time

Name: M08685
ID: IA537STD-.5
Date: 27-Jul-2022
Time: 12:50:24
Description: WG1667929,LC_537_CAL_220713_1
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

NMeFOSA



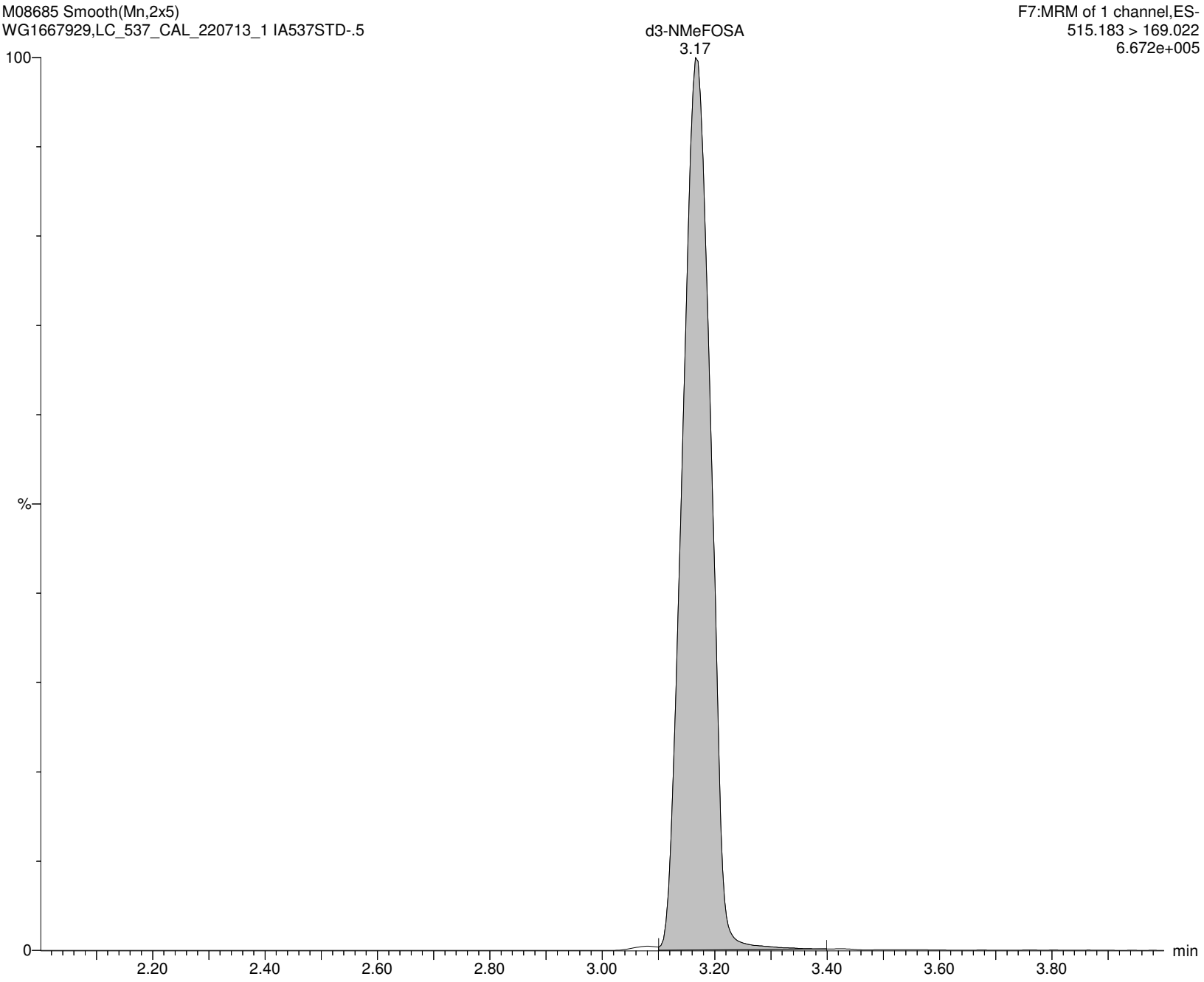


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:08 Eastern Daylight Time

Name: M08685
ID: IA537STD-.5
Date: 27-Jul-2022
Time: 12:50:24
Description: WG1667929,LC_537_CAL_220713_1
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

d3-NMeFOSA

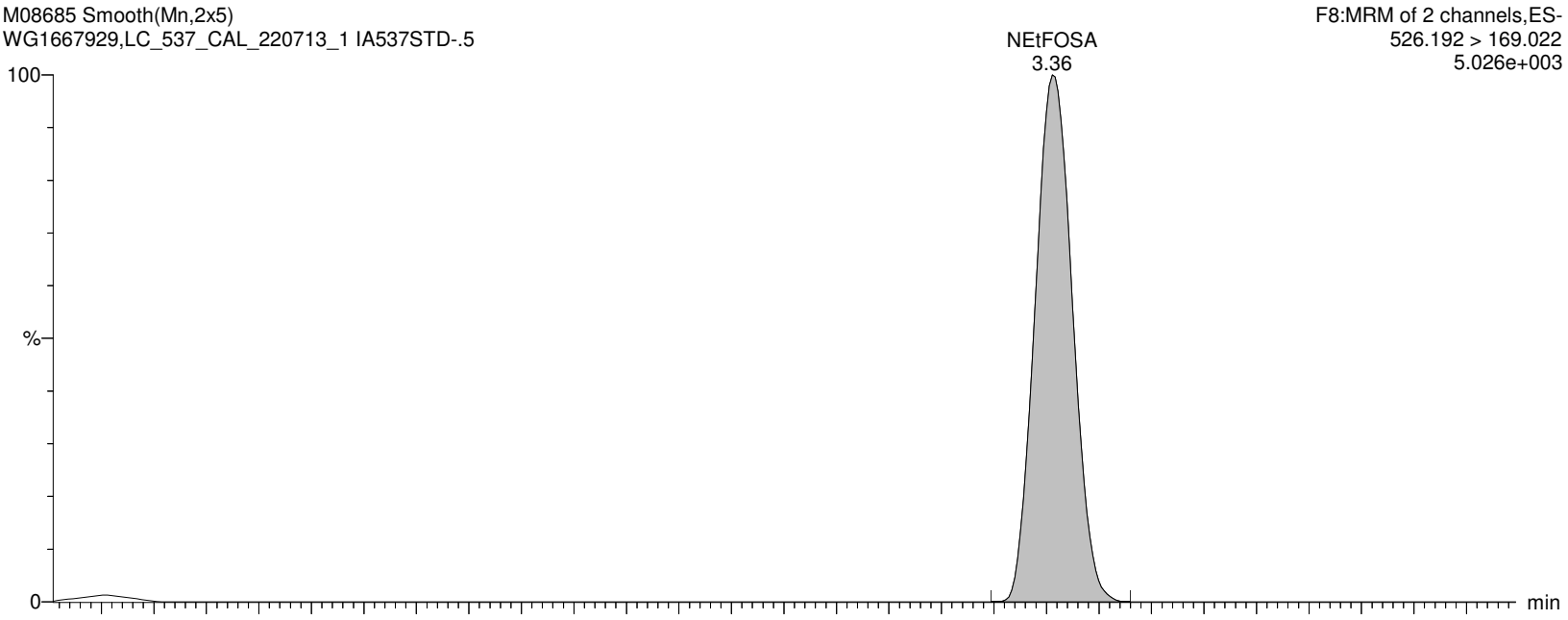


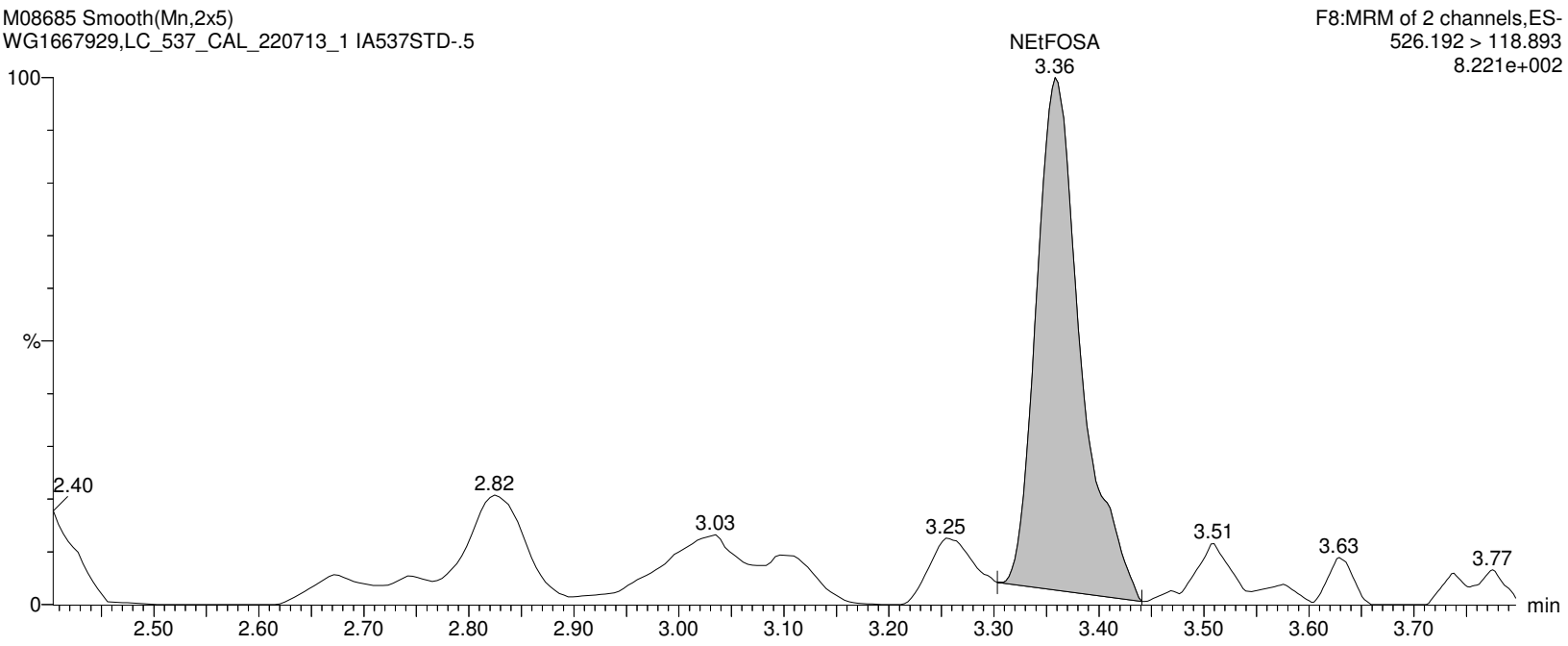
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:08 Eastern Daylight Time

Name: M08685
ID: IA537STD-.5
Date: 27-Jul-2022
Time: 12:50:24
Description: WG1667929,LC_537_CAL_220713_1
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

NEtFOSA



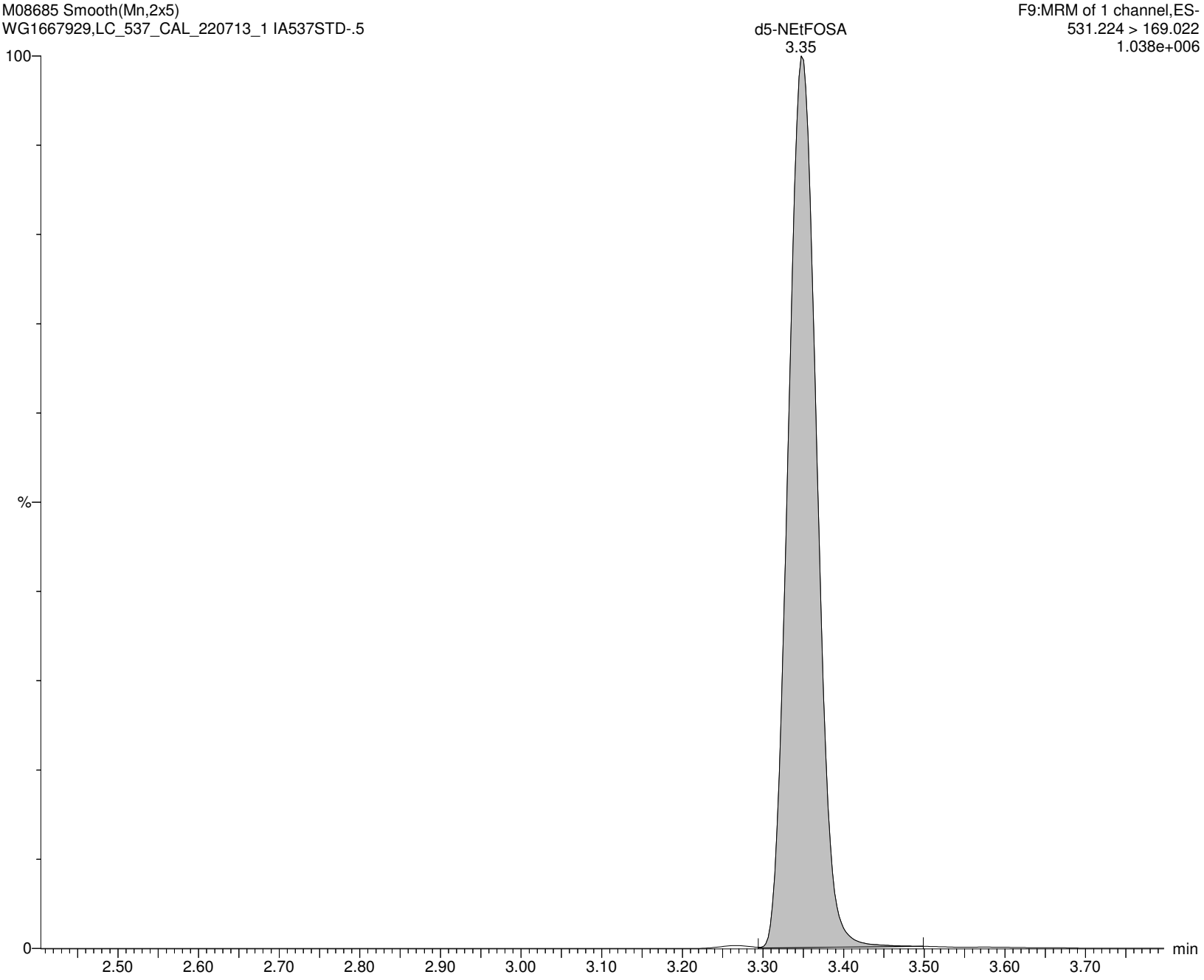


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:08 Eastern Daylight Time

Name: M08685
ID: IA537STD-.5
Date: 27-Jul-2022
Time: 12:50:24
Description: WG1667929,LC_537_CAL_220713_1
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

d5-NEtFOSA

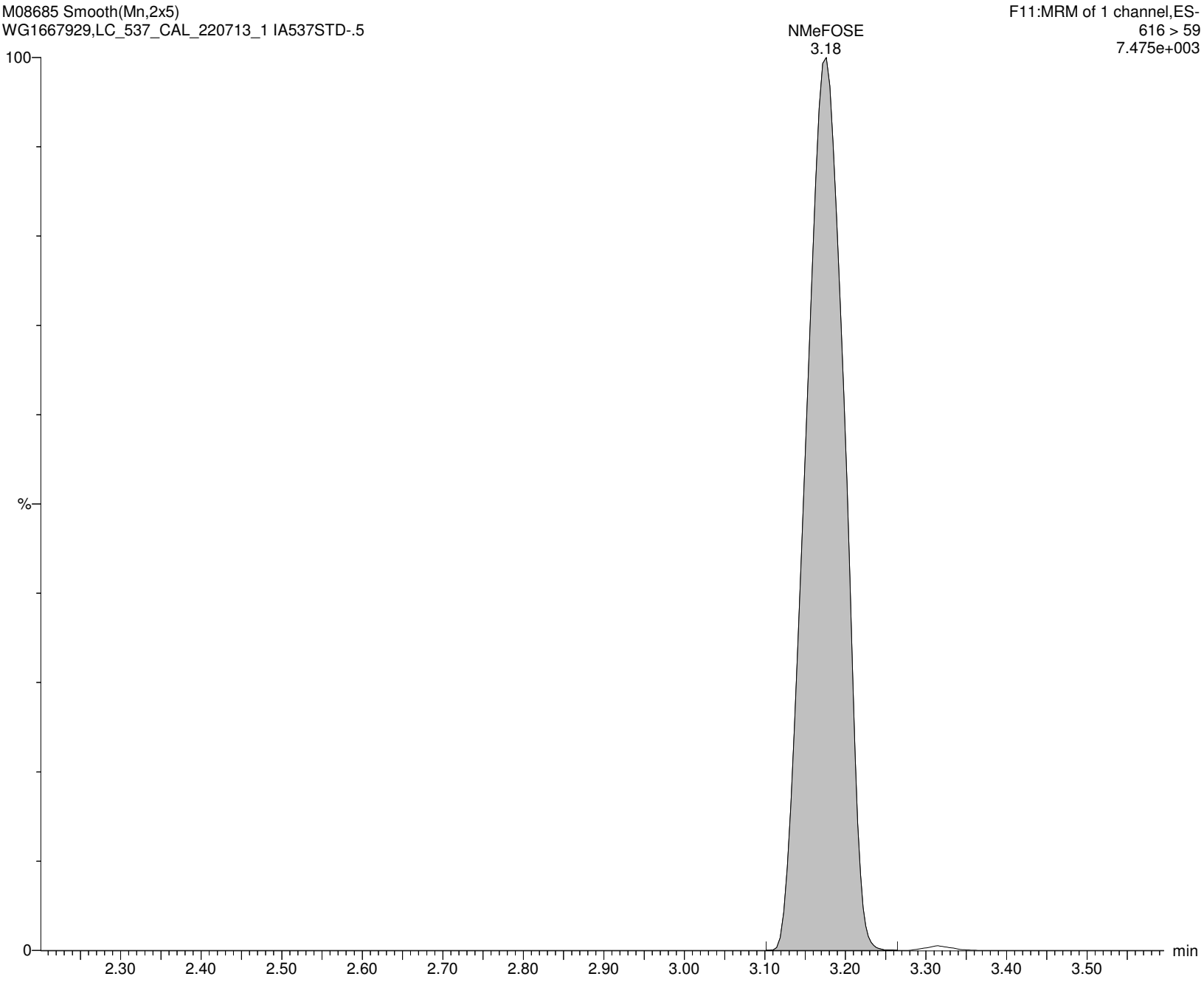


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:08 Eastern Daylight Time

Name: M08685
ID: IA537STD-.5
Date: 27-Jul-2022
Time: 12:50:24
Description: WG1667929,LC_537_CAL_220713_1
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

NMeFOSE

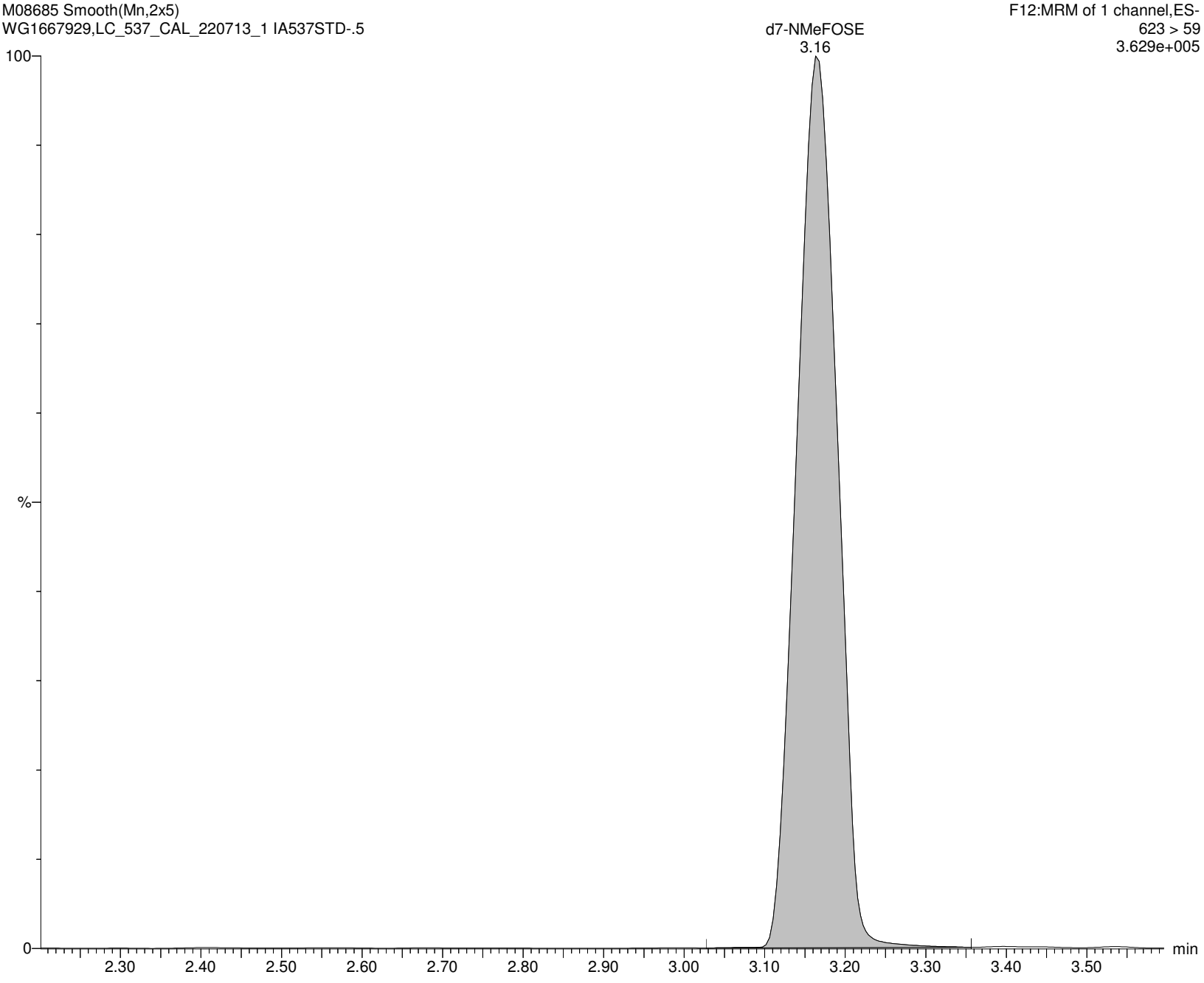


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:08 Eastern Daylight Time

Name: M08685
ID: IA537STD-.5
Date: 27-Jul-2022
Time: 12:50:24
Description: WG1667929,LC_537_CAL_220713_1
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

d7-NMeFOSE

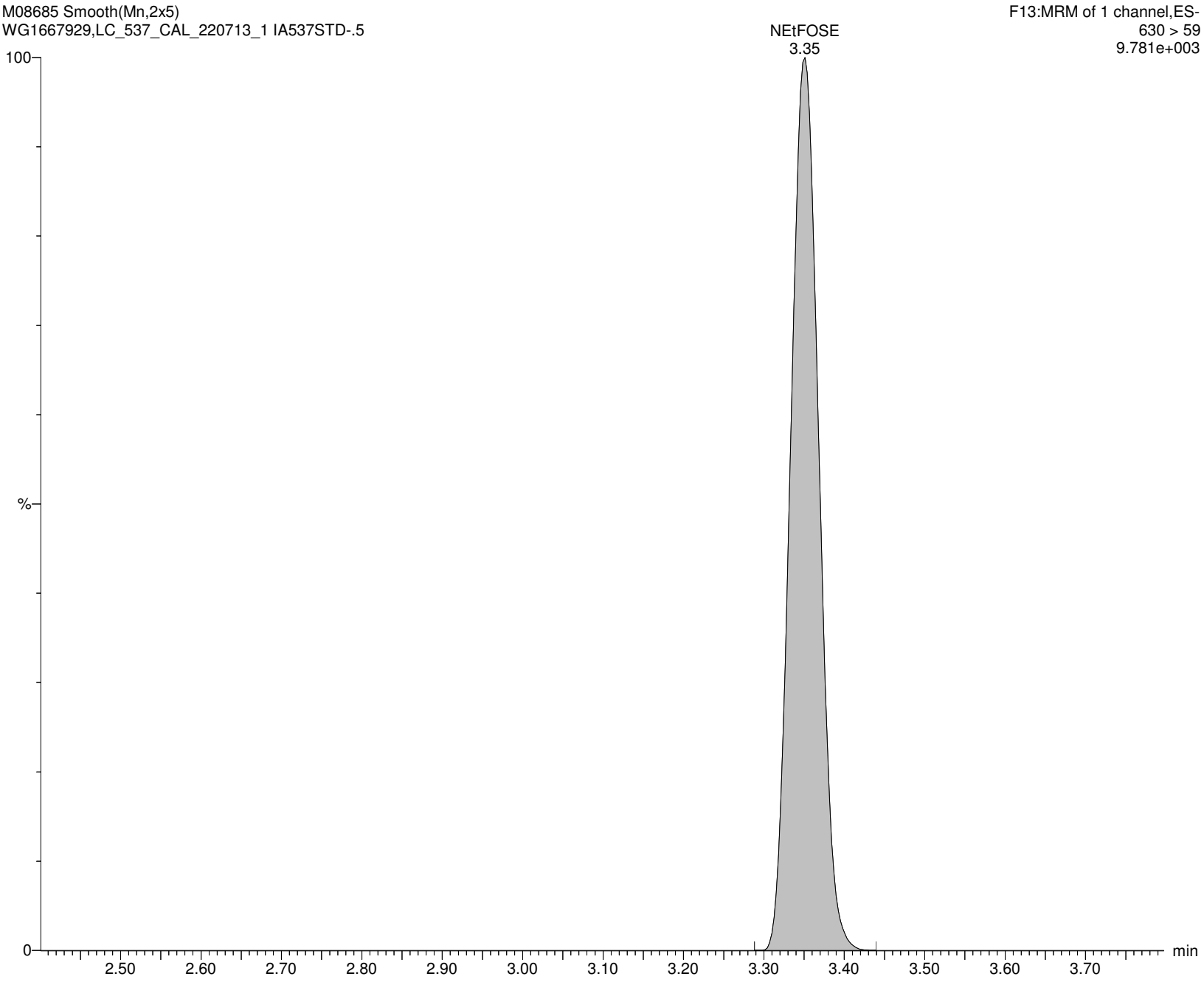


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:08 Eastern Daylight Time

Name: M08685
ID: IA537STD-.5
Date: 27-Jul-2022
Time: 12:50:24
Description: WG1667929,LC_537_CAL_220713_1
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

NEtFOSE

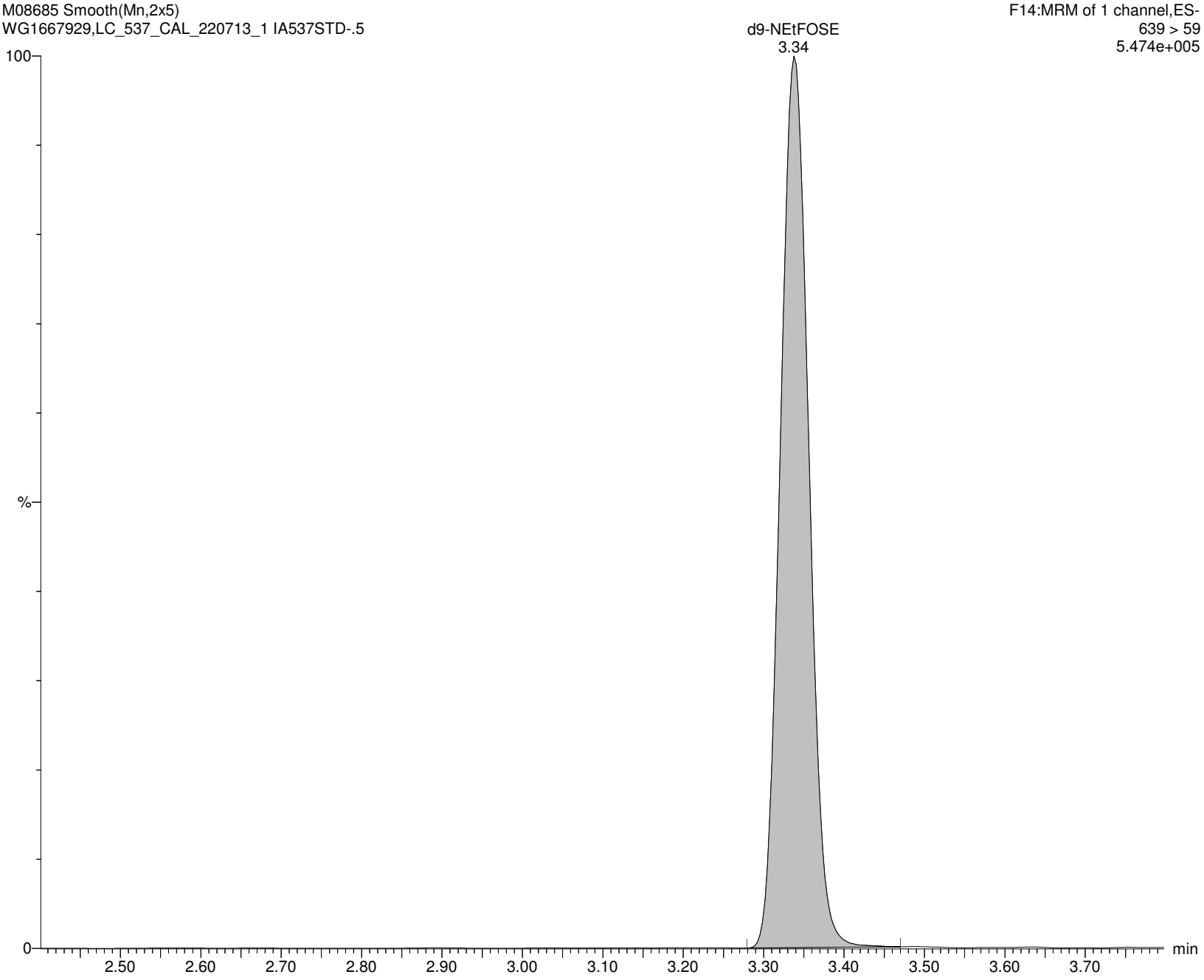


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:08 Eastern Daylight Time

Name: M08685
ID: IA537STD-.5
Date: 27-Jul-2022
Time: 12:50:24
Description: WG1667929,LC_537_CAL_220713_1
User: LCMS01:RS
Vial: 1:B,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

d9-NEtFOSE



all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:08 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\MethDB\MeOH_FRAC_220727.mdb 27 Jul 2022 13:43:47
Calibration: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\CurveDB\220727_MEOH_ICAL.cdb 27 Jul 2022 13:45:01

ID: IA537STD-1.0
Name: M08686
Date: 27-Jul-2022
Time: 12:57:36
Description: WG1667929,LC_537_CAL_220713_2
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:RS
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	M5PFNA	INT STD	2.22	468 > 423	18665		9.994		na	99.9
2	M2-PFUDA	INT STD	2.82	565.1 > 520.1	18803		10.573		na	105.7
3	FOSA	754-91-6	2.81	497.989 > 78.245	1556	m7	1.018	60.31	YES	101.8
4	M8FOSA	INT STD	2.81	506.053 > 78.286	13176		10.625		na	106.2
5	NMeFOSA		3.17	512.163 > 169.022	390		1.032	1.95	NO	103.2
6	d3-NMeFOSA		3.17	515.183 > 169.022	39602		105.441		na	105.4
7	NEtFOSA		3.36	526.192 > 169.022	477		0.997	6.52	NO	99.7
8	d5-NEtFOSA		3.35	531.224 > 169.022	45456		106.812		na	106.8
9	NMeFOSE		3.18	616 > 59	853		0.939		na	93.9
10	d7-NMeFOSE		3.17	623 > 59	20619		107.376		na	107.4
11	NEtFOSE		3.35	630 > 59	811		0.925		na	92.5
12	d9-NEtFOSE		3.34	639 > 59	21623		104.783		na	104.8

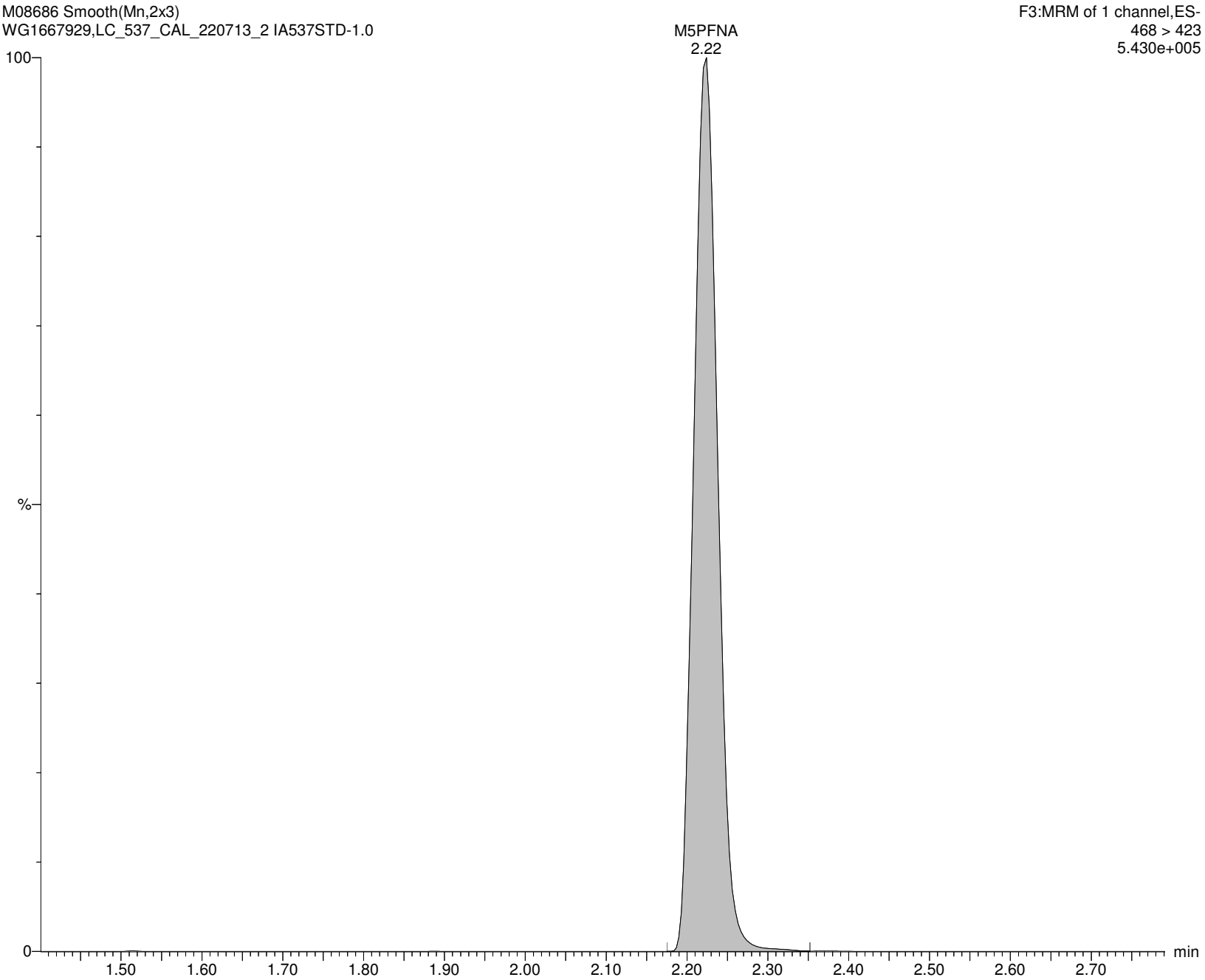
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:08 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\MethDB\MeOH_FRAC_220727.mdb 27 Jul 2022 13:43:47
Calibration: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\CurveDB\220727_MEOH_ICAL.cdb 27 Jul 2022 13:45:01

Name: M08686
ID: IA537STD-1.0
Date: 27-Jul-2022
Time: 12:57:36
Description: WG1667929,LC_537_CAL_220713_2
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

M5PFNA

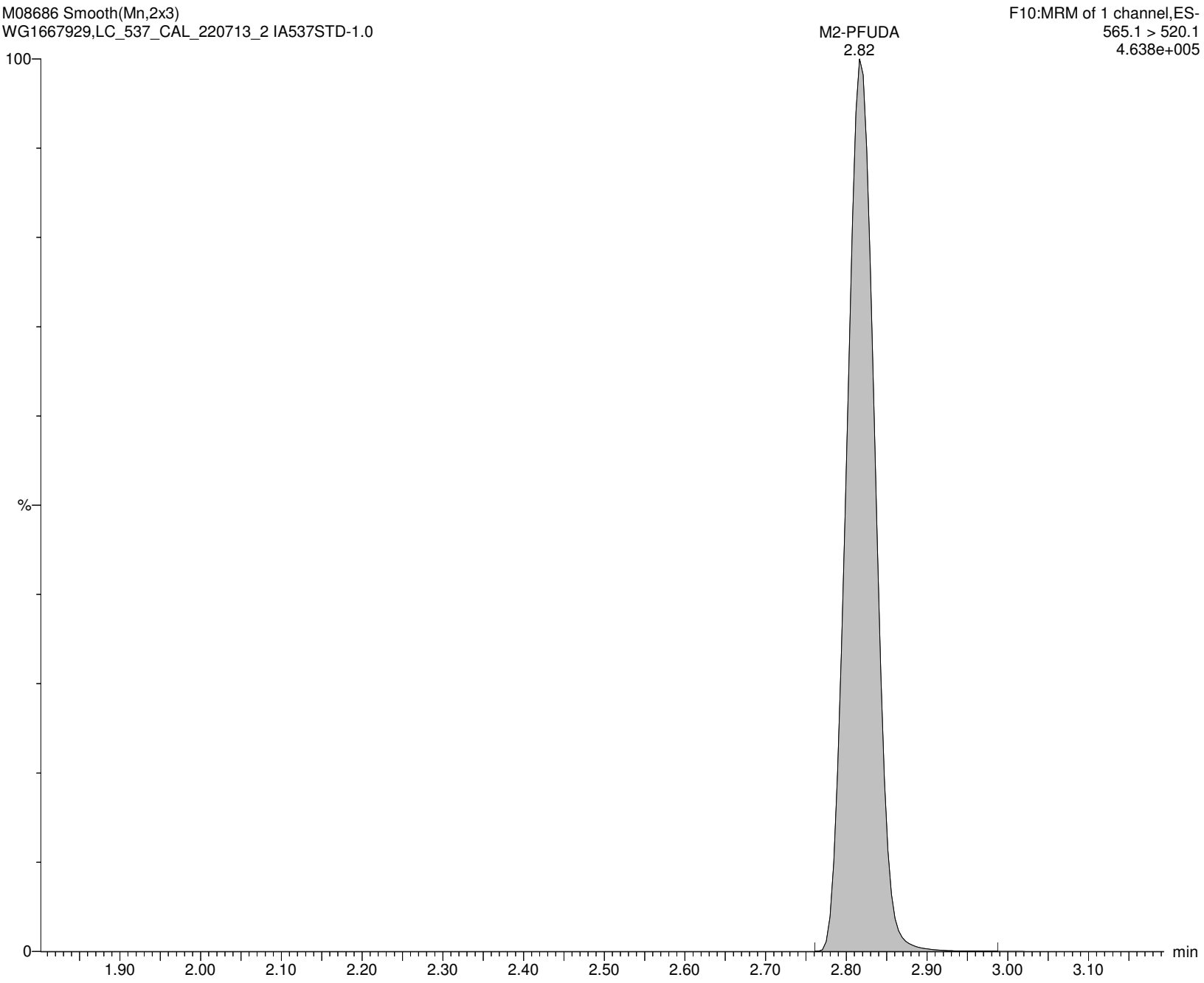


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:08 Eastern Daylight Time

Name: M08686
ID: IA537STD-1.0
Date: 27-Jul-2022
Time: 12:57:36
Description: WG1667929,LC_537_CAL_220713_2
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

M2-PFUDA

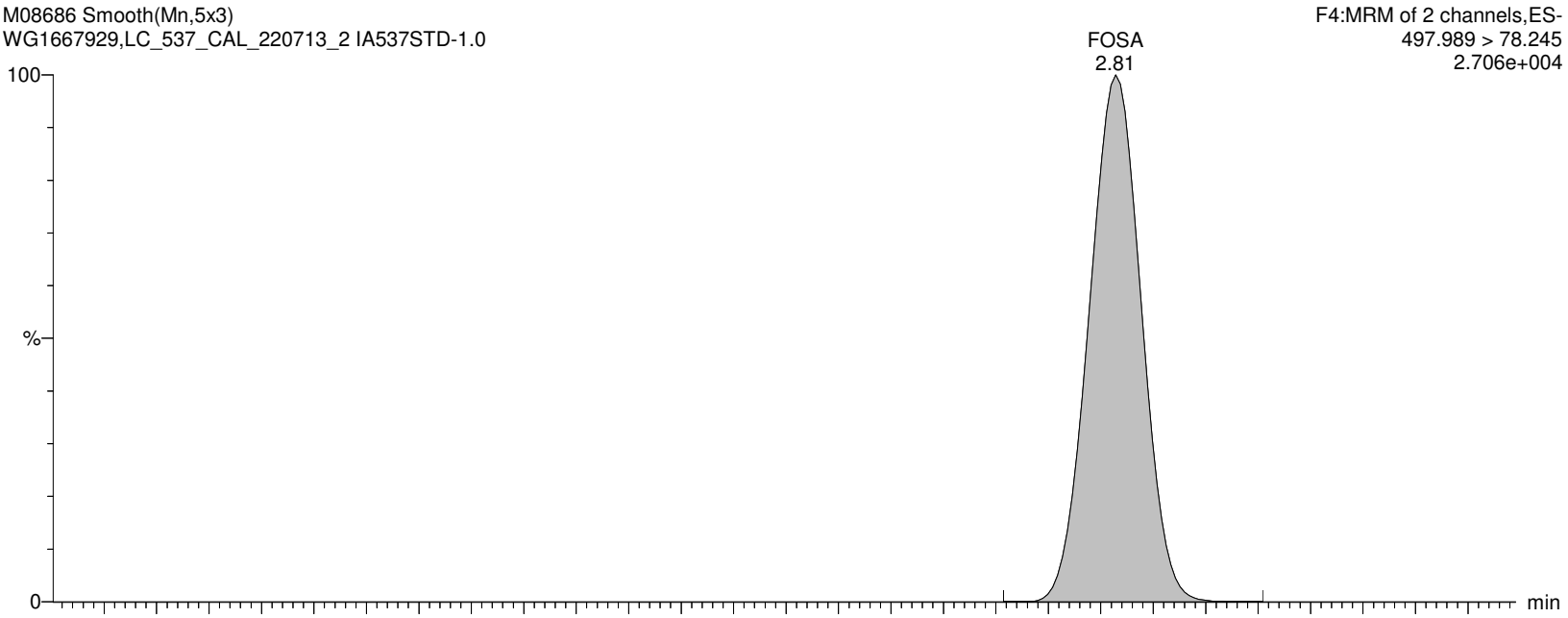


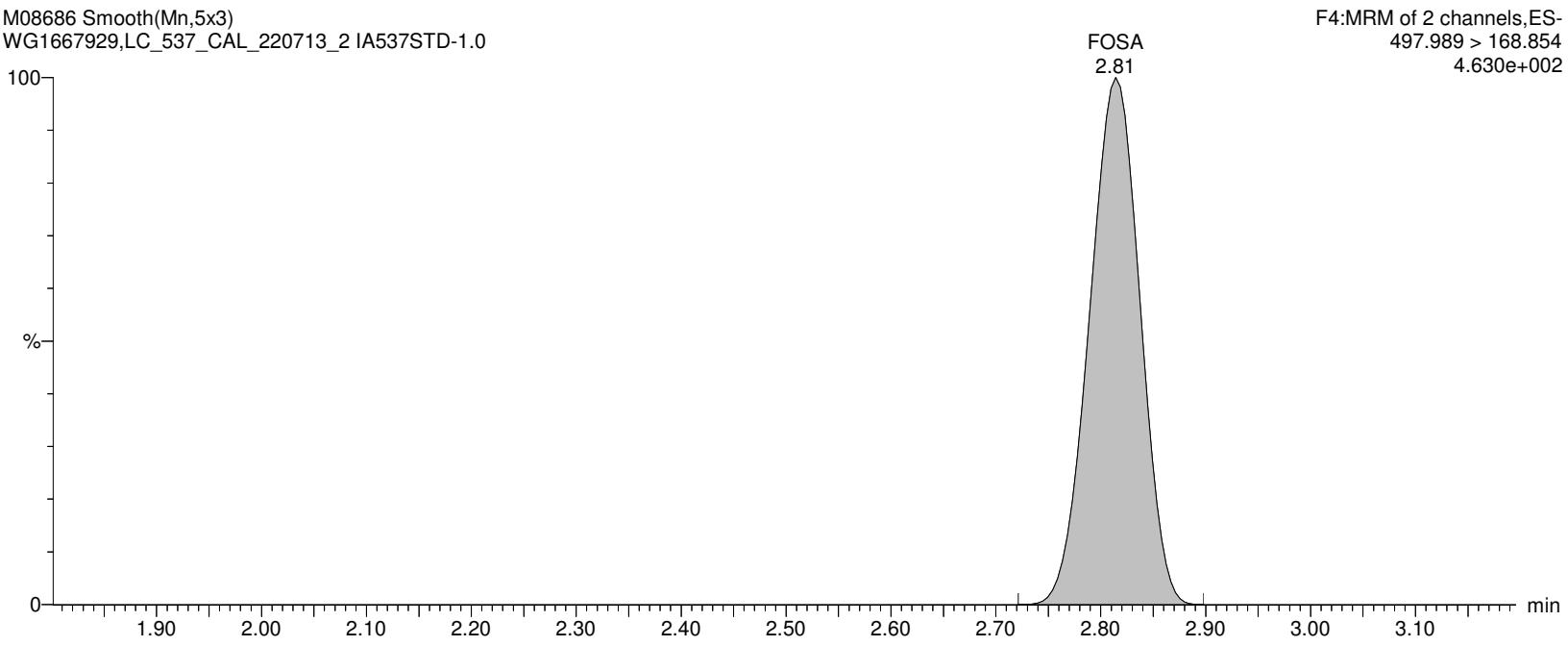
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:08 Eastern Daylight Time

Name: M08686
ID: IA537STD-1.0
Date: 27-Jul-2022
Time: 12:57:36
Description: WG1667929,LC_537_CAL_220713_2
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

FOSA



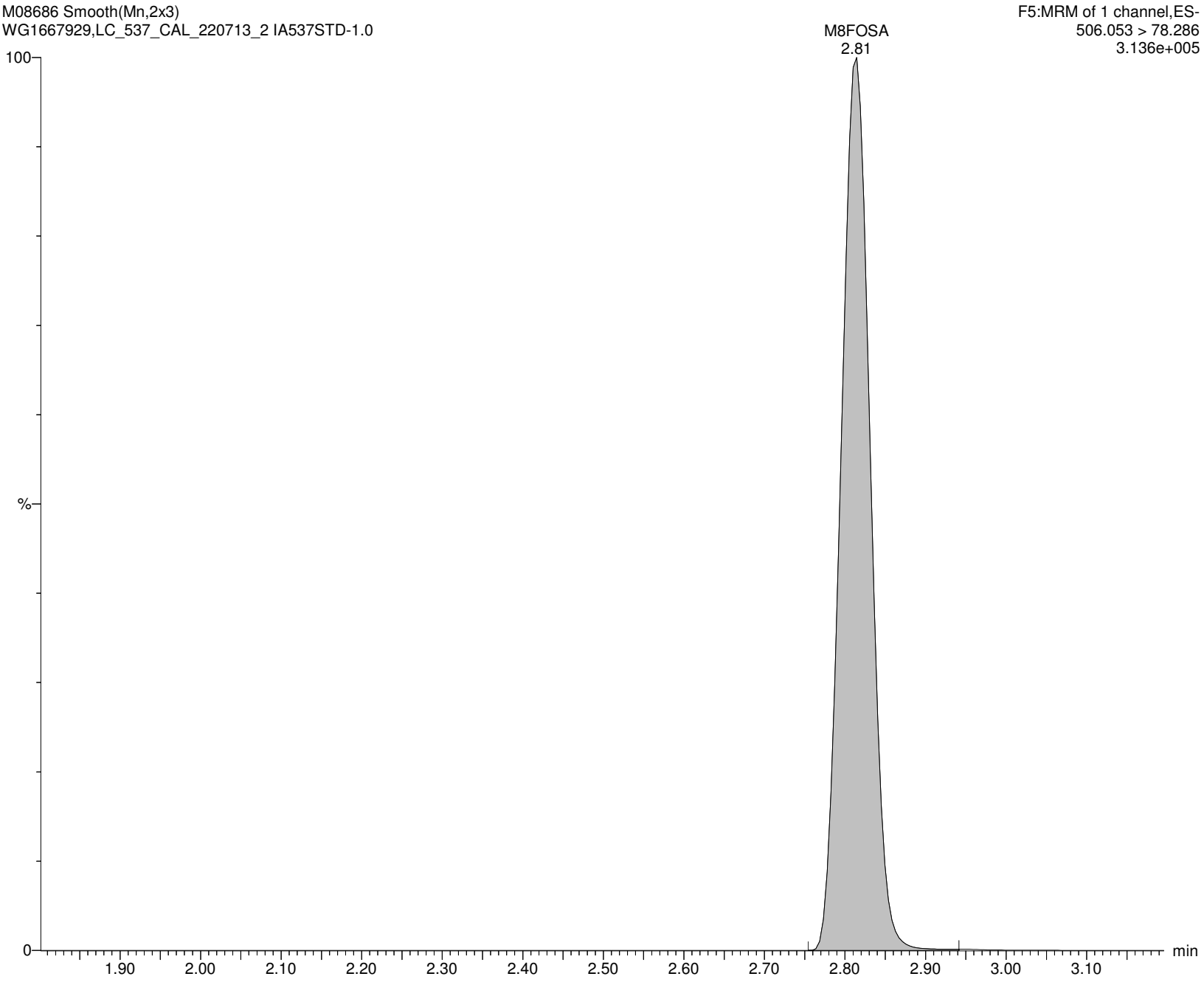


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:08 Eastern Daylight Time

Name: M08686
ID: IA537STD-1.0
Date: 27-Jul-2022
Time: 12:57:36
Description: WG1667929,LC_537_CAL_220713_2
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

M8FOSA

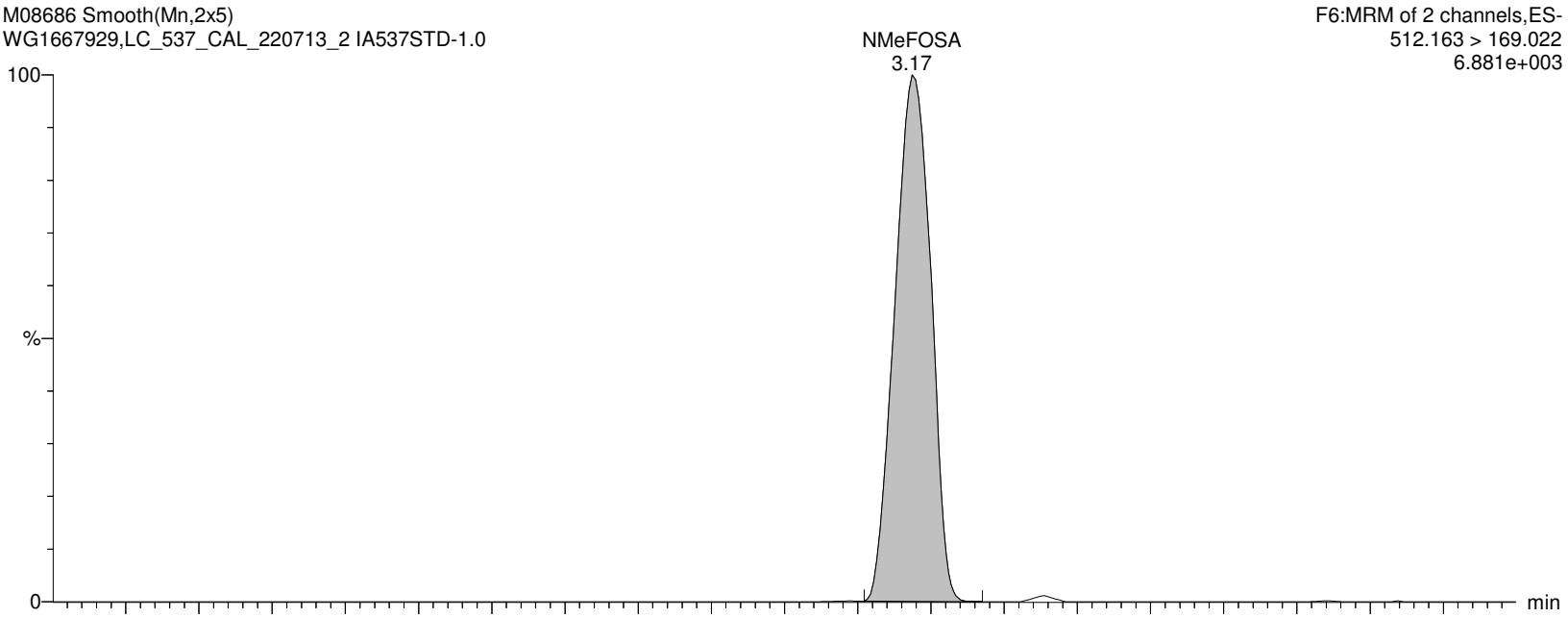


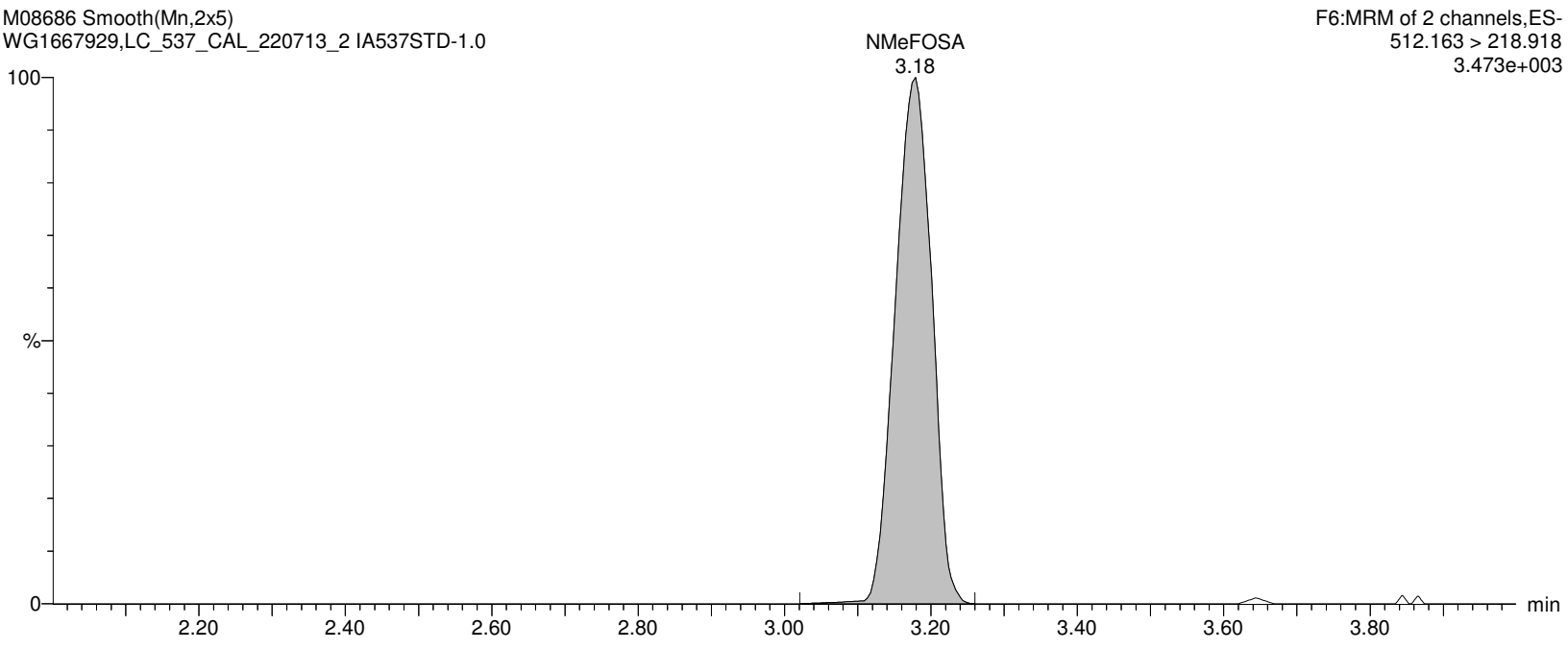
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:08 Eastern Daylight Time

Name: M08686
ID: IA537STD-1.0
Date: 27-Jul-2022
Time: 12:57:36
Description: WG1667929,LC_537_CAL_220713_2
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

NMeFOSA



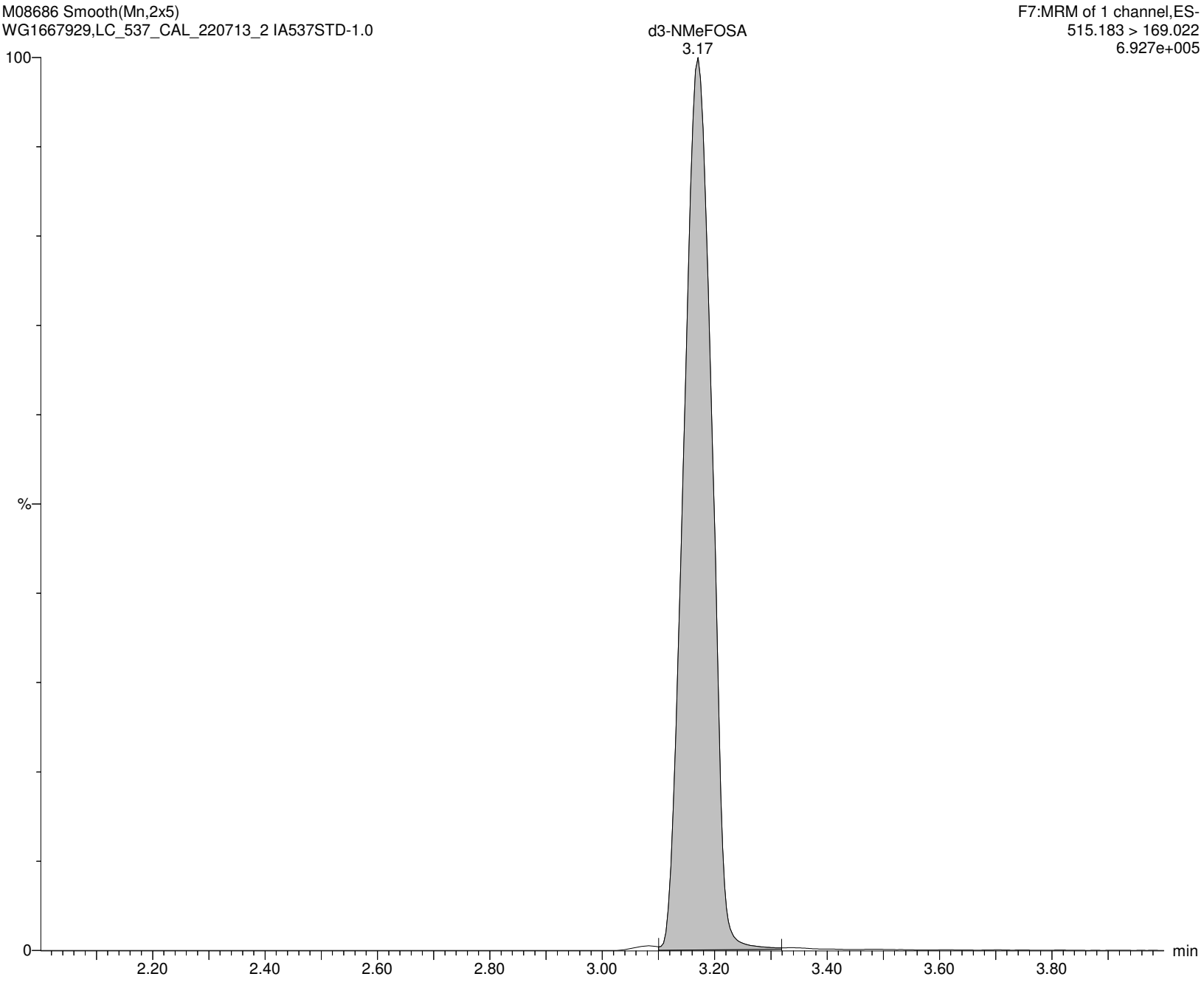


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:08 Eastern Daylight Time

Name: M08686
ID: IA537STD-1.0
Date: 27-Jul-2022
Time: 12:57:36
Description: WG1667929,LC_537_CAL_220713_2
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

d3-NMeFOSA

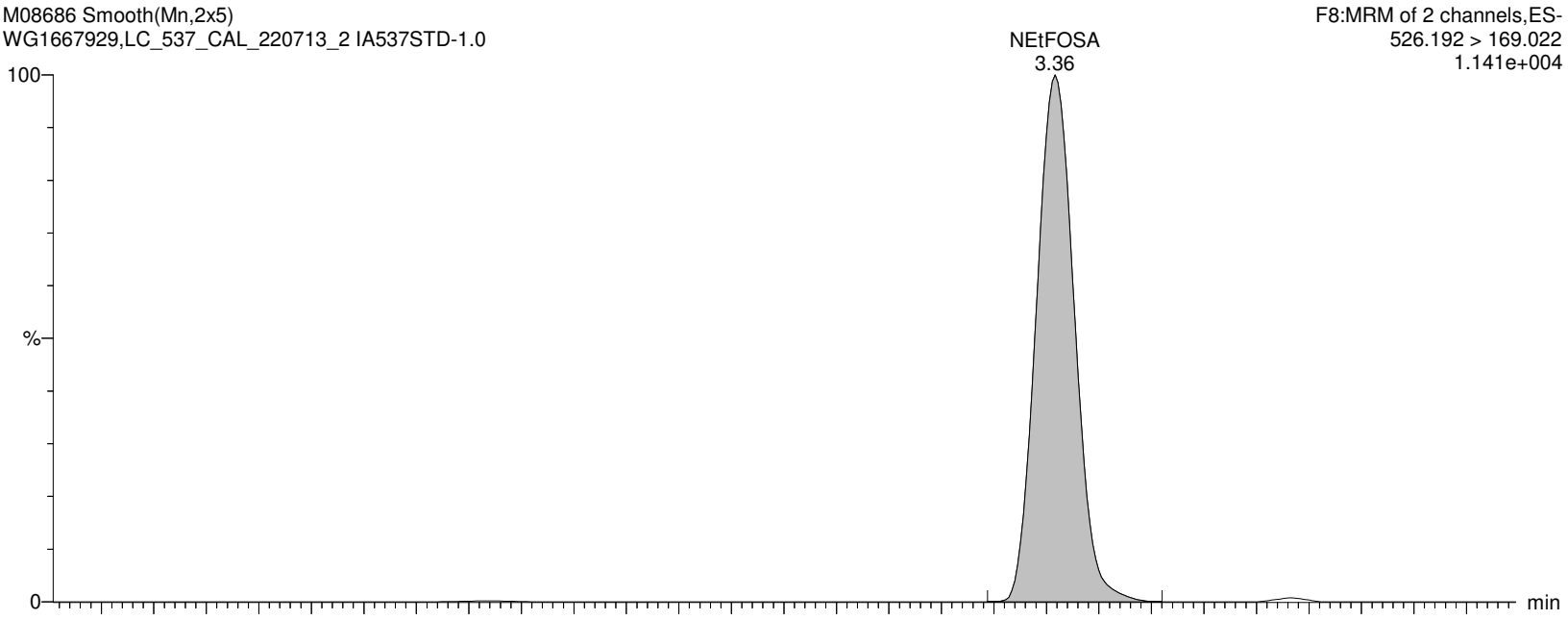


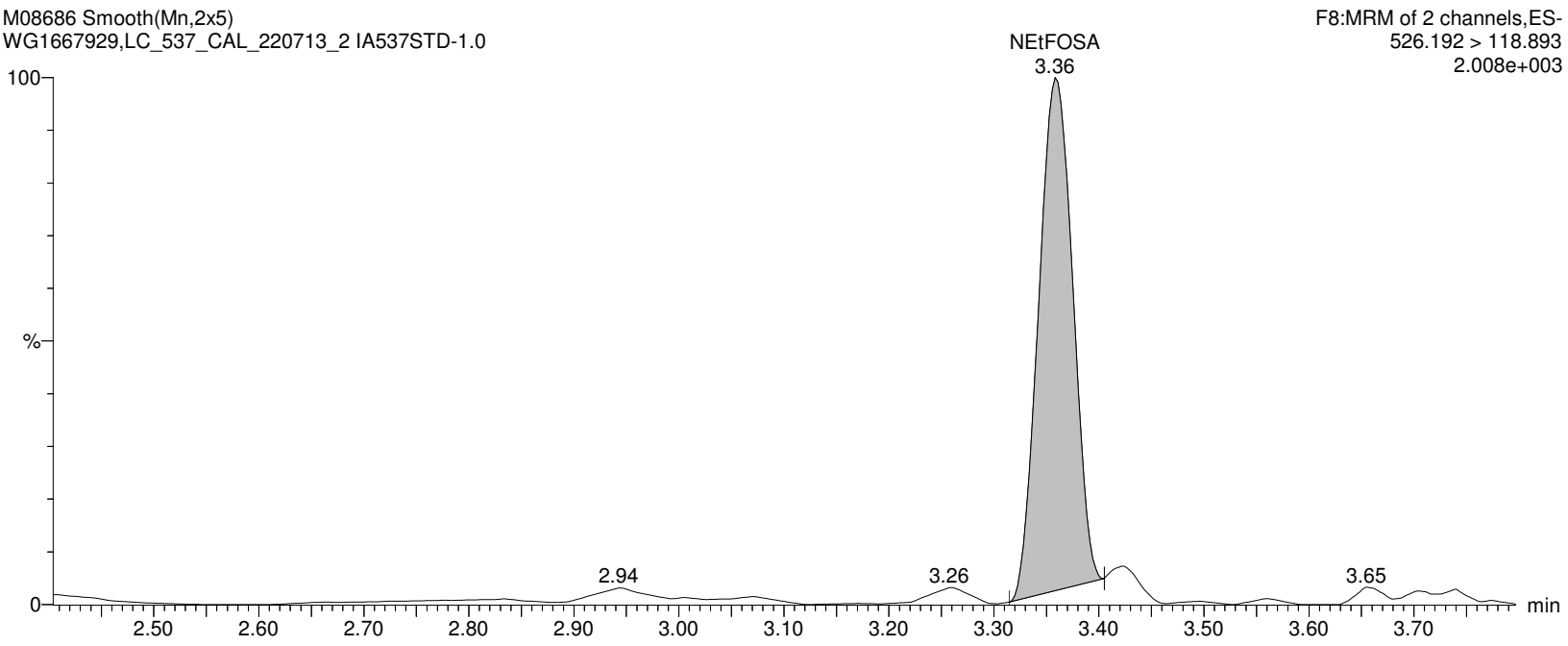
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:08 Eastern Daylight Time

Name: M08686
ID: IA537STD-1.0
Date: 27-Jul-2022
Time: 12:57:36
Description: WG1667929,LC_537_CAL_220713_2
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

NEtFOSA



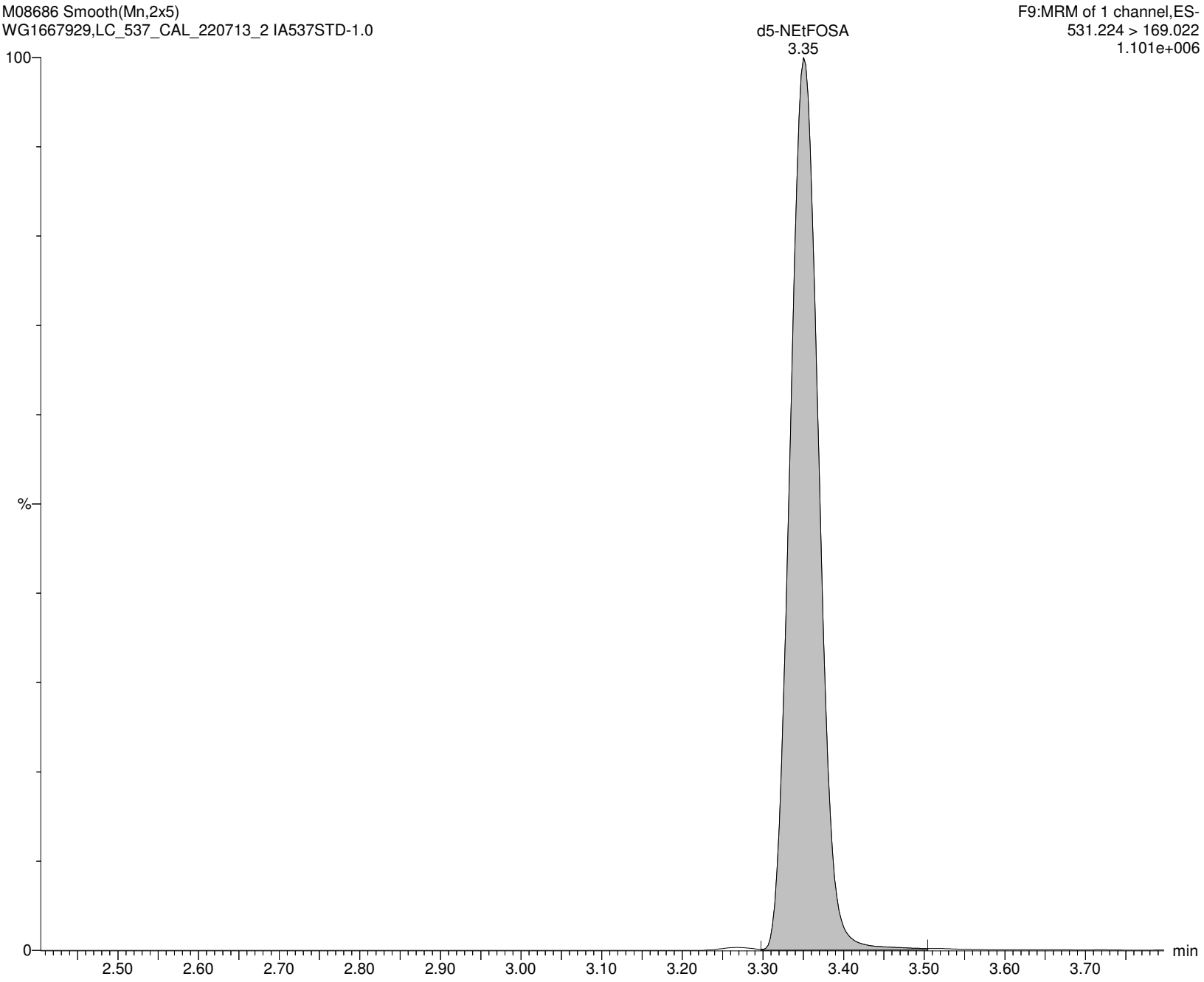


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:08 Eastern Daylight Time

Name: M08686
ID: IA537STD-1.0
Date: 27-Jul-2022
Time: 12:57:36
Description: WG1667929,LC_537_CAL_220713_2
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

d5-NEtFOSA

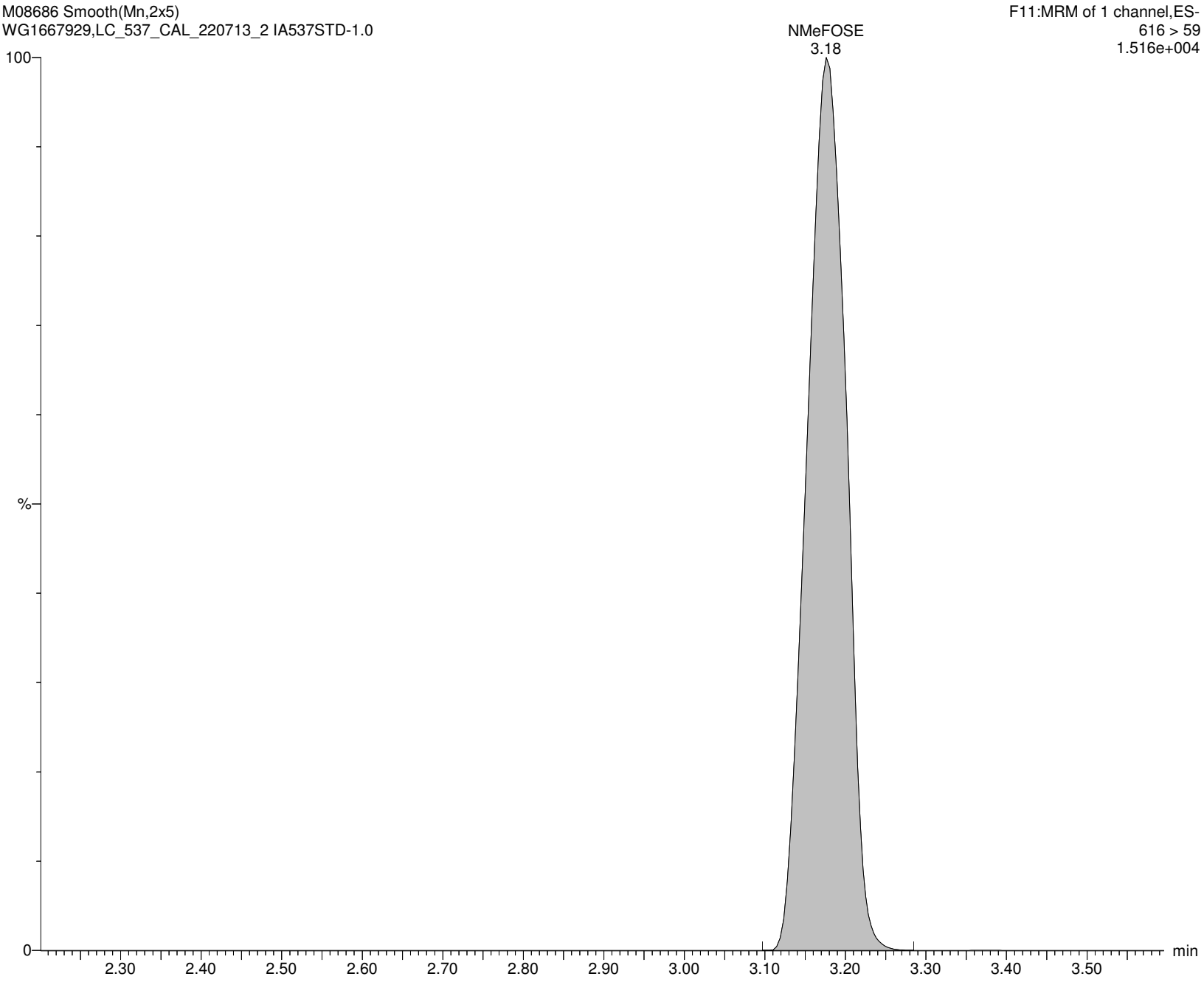


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:08 Eastern Daylight Time

Name: M08686
ID: IA537STD-1.0
Date: 27-Jul-2022
Time: 12:57:36
Description: WG1667929,LC_537_CAL_220713_2
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

NMeFOSE

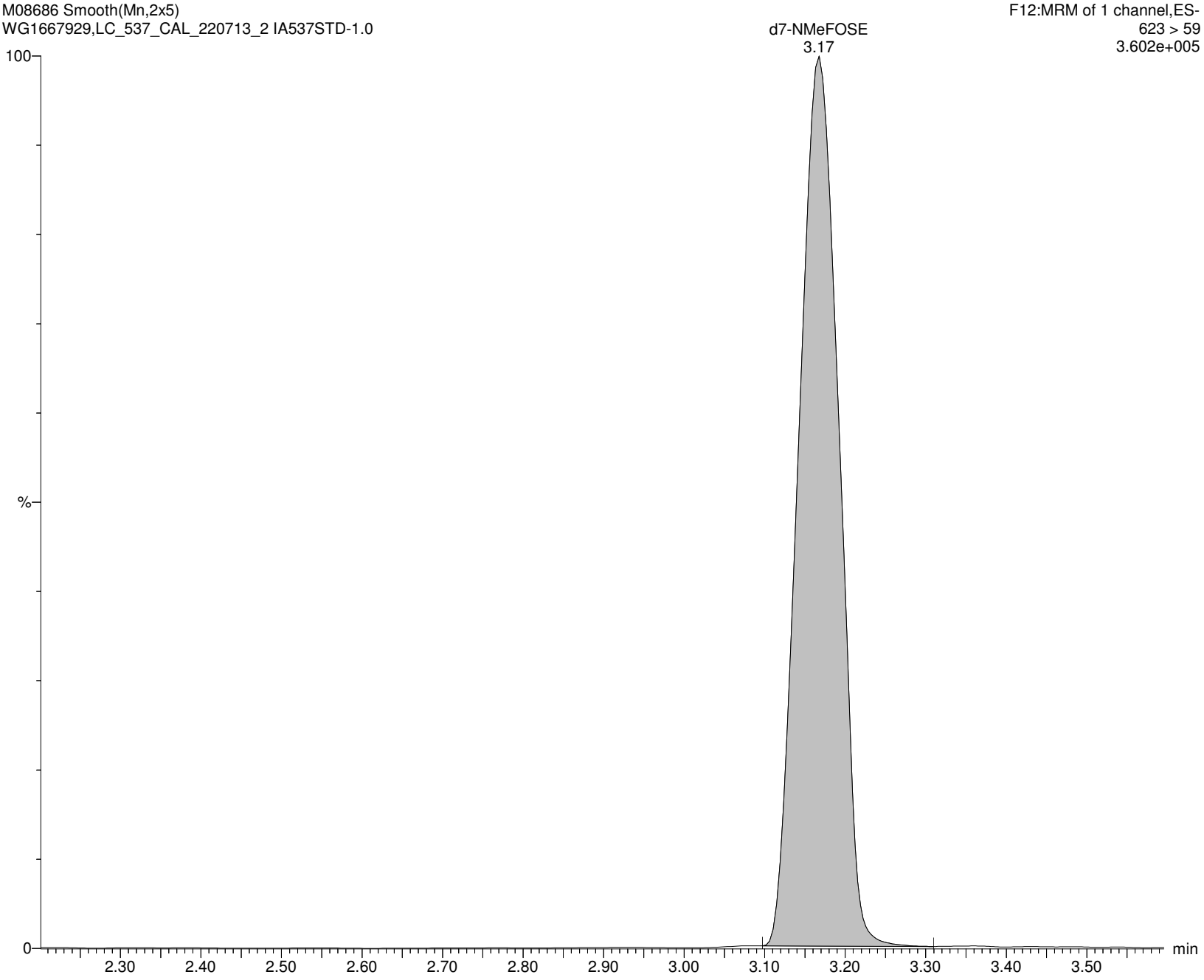


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:08 Eastern Daylight Time

Name: M08686
ID: IA537STD-1.0
Date: 27-Jul-2022
Time: 12:57:36
Description: WG1667929,LC_537_CAL_220713_2
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

d7-NMeFOSE

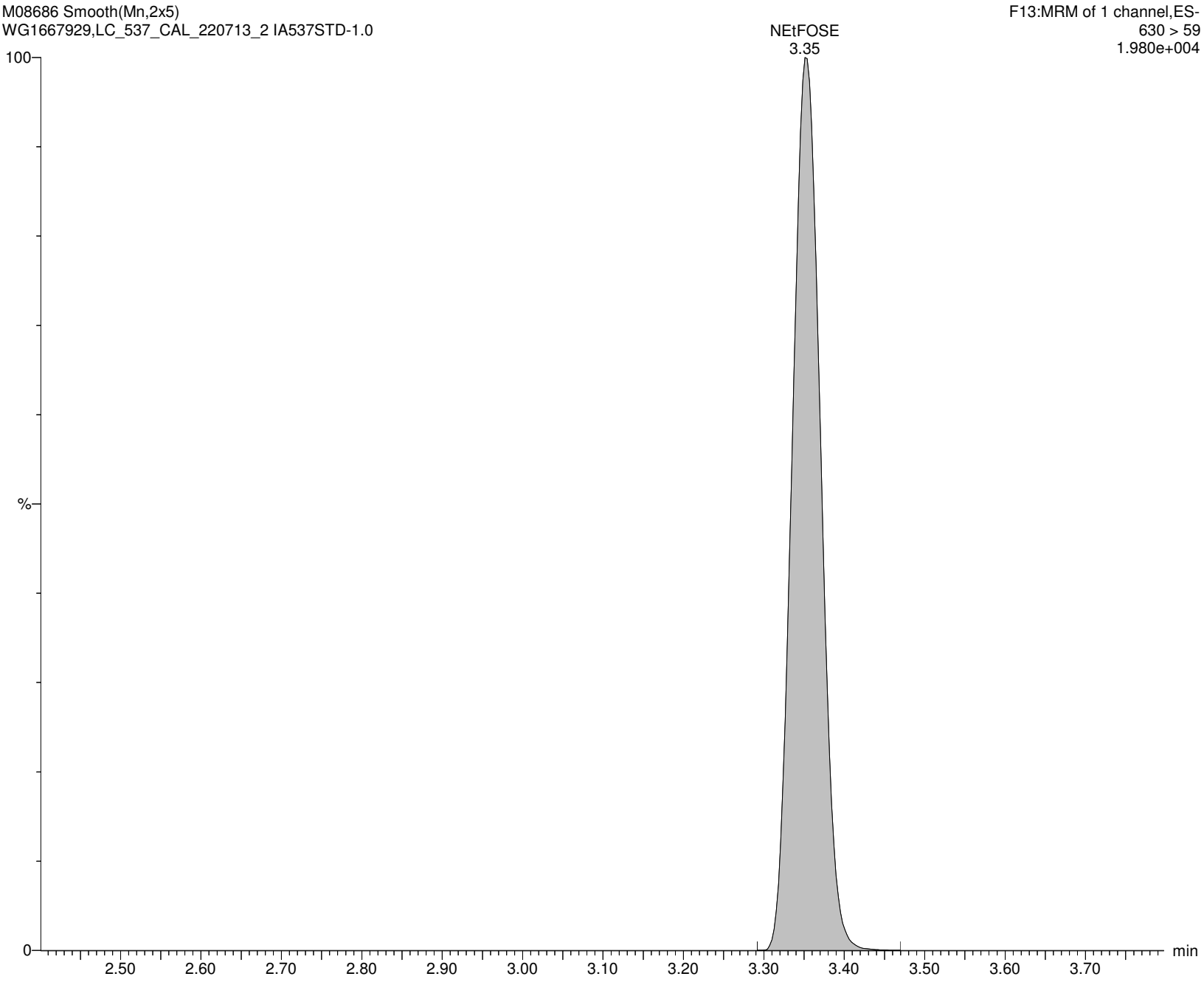


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:08 Eastern Daylight Time

Name: M08686
ID: IA537STD-1.0
Date: 27-Jul-2022
Time: 12:57:36
Description: WG1667929,LC_537_CAL_220713_2
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

NEtFOSE

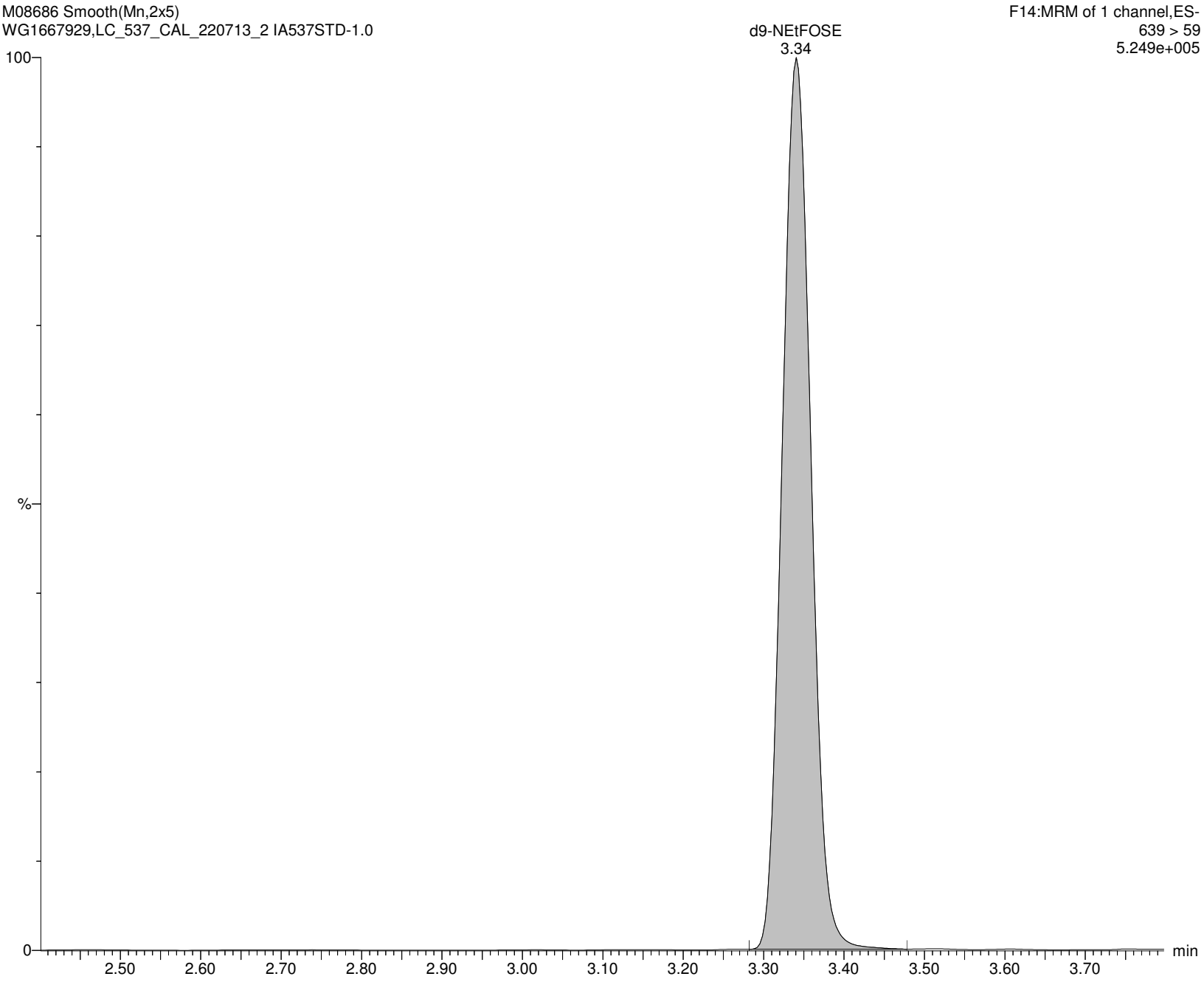


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:08 Eastern Daylight Time

Name: M08686
ID: IA537STD-1.0
Date: 27-Jul-2022
Time: 12:57:36
Description: WG1667929,LC_537_CAL_220713_2
User: LCMS01:RS
Vial: 1:B,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

d9-NEtFOSE



all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:09 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\MethDB\MeOH_FRAC_220727.mdb 27 Jul 2022 13:43:47
Calibration: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\CurveDB\220727_MEOH_ICAL.cdb 27 Jul 2022 13:45:01

ID: IA537STD-2.5
Name: M08687
Date: 27-Jul-2022
Time: 13:04:49
Description: WG1667929,LC_537_CAL_220713_3
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:RS
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	M5PFNA	INT STD	2.22	468 > 423	17416		9.325		na	93.2
2	M2-PFUDA	INT STD	2.82	565.1 > 520.1	16606		9.338		na	93.4
3	FOSA	754-91-6	2.81	497.989 > 78.245	3604	m7	2.726	134.47	NO	109.0
4	M8FOSA	INT STD	2.81	506.053 > 78.286	11395		9.848		na	98.5
5	NMeFOSA		3.17	512.163 > 169.022	880		2.598	1.63	NO	103.9
6	d3-NMeFOSA		3.17	515.183 > 169.022	35514		101.337		na	101.3
7	NEtFOSA		3.35	526.192 > 169.022	1058		2.512	6.10	NO	100.5
8	d5-NEtFOSA		3.35	531.224 > 169.022	39972		100.662		na	100.7
9	NMeFOSE		3.17	616 > 59	2018		2.463		na	98.5
10	d7-NMeFOSE		3.16	623 > 59	18612		103.880		na	103.9
11	NEtFOSE		3.35	630 > 59	2047		2.613		na	104.5
12	d9-NEtFOSE		3.34	639 > 59	19344		100.465		na	100.5

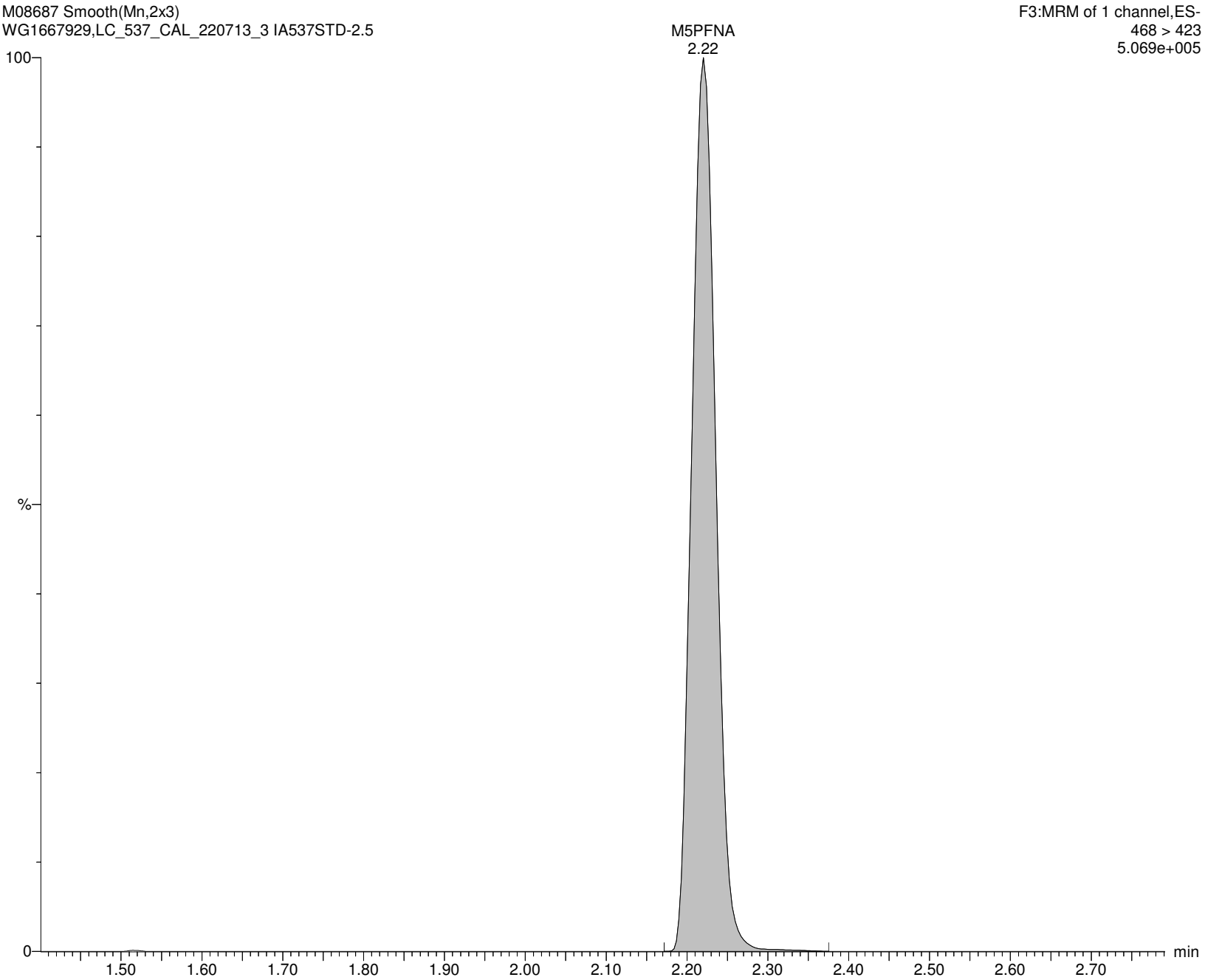
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:09 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\MethDB\MeOH_FRAC_220727.mdb 27 Jul 2022 13:43:47
Calibration: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\CurveDB\220727_MEOH_ICAL.cdb 27 Jul 2022 13:45:01

Name: M08687
ID: IA537STD-2.5
Date: 27-Jul-2022
Time: 13:04:49
Description: WG1667929,LC_537_CAL_220713_3
User: LCMS01:RS
Vial: 1:B,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

M5PFNA

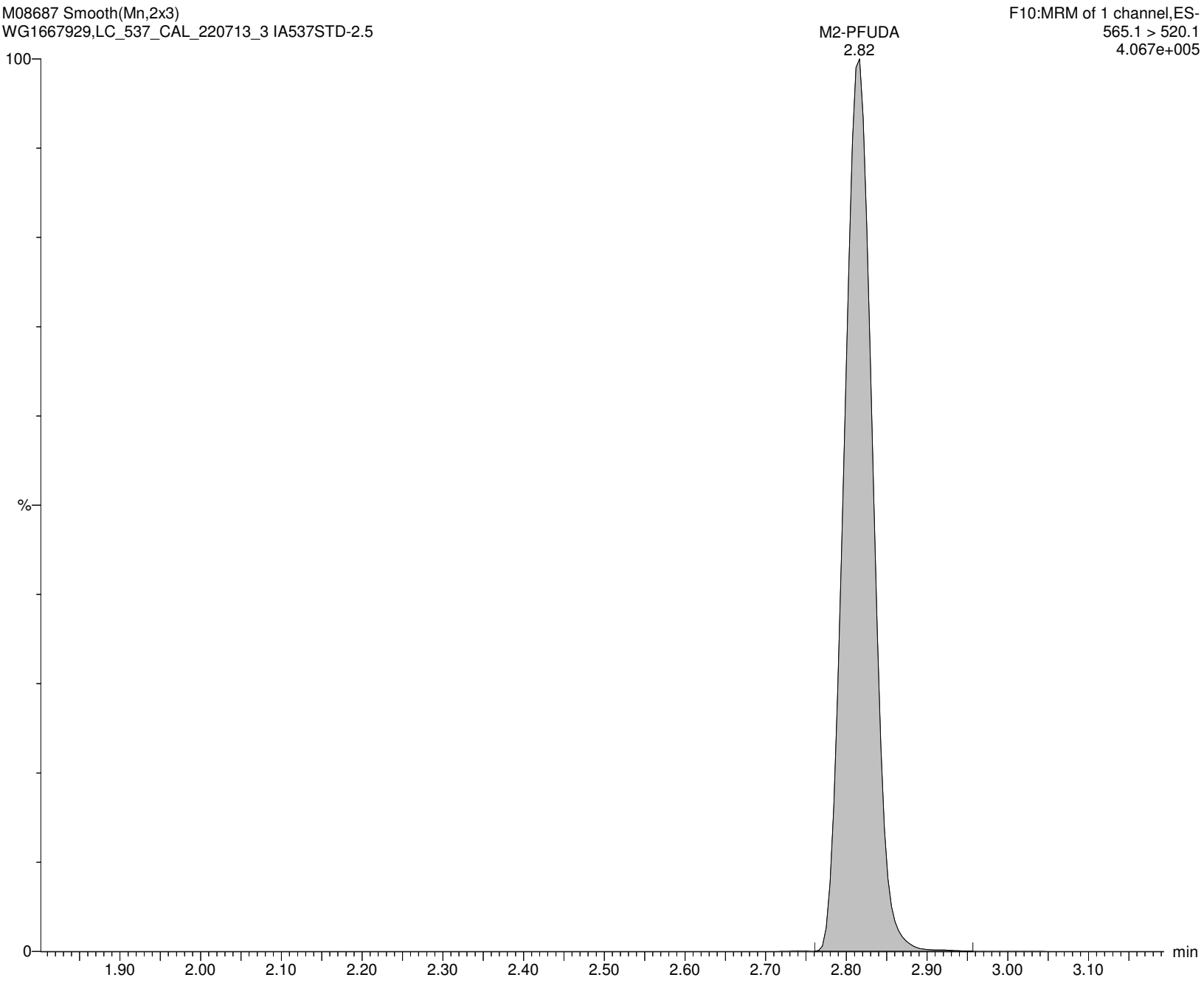


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:09 Eastern Daylight Time

Name: M08687
ID: IA537STD-2.5
Date: 27-Jul-2022
Time: 13:04:49
Description: WG1667929,LC_537_CAL_220713_3
User: LCMS01:RS
Vial: 1:B,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

M2-PFUDA

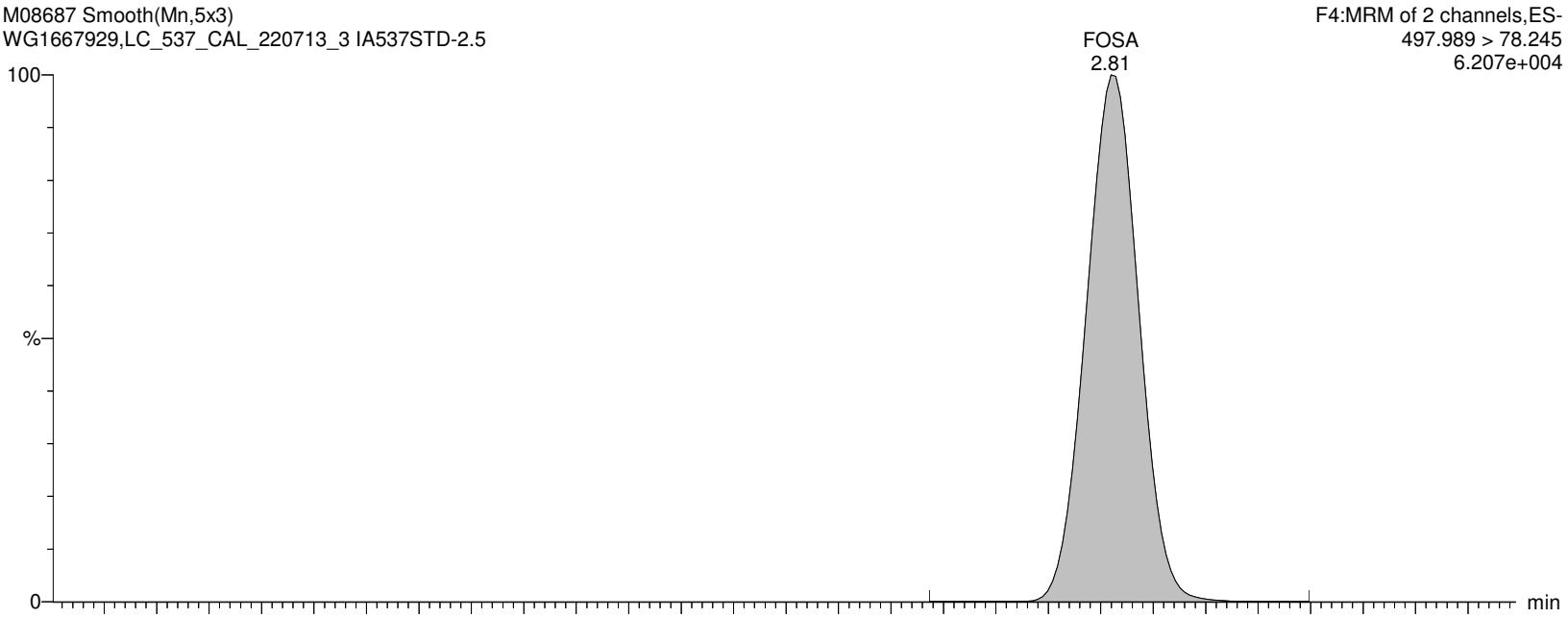


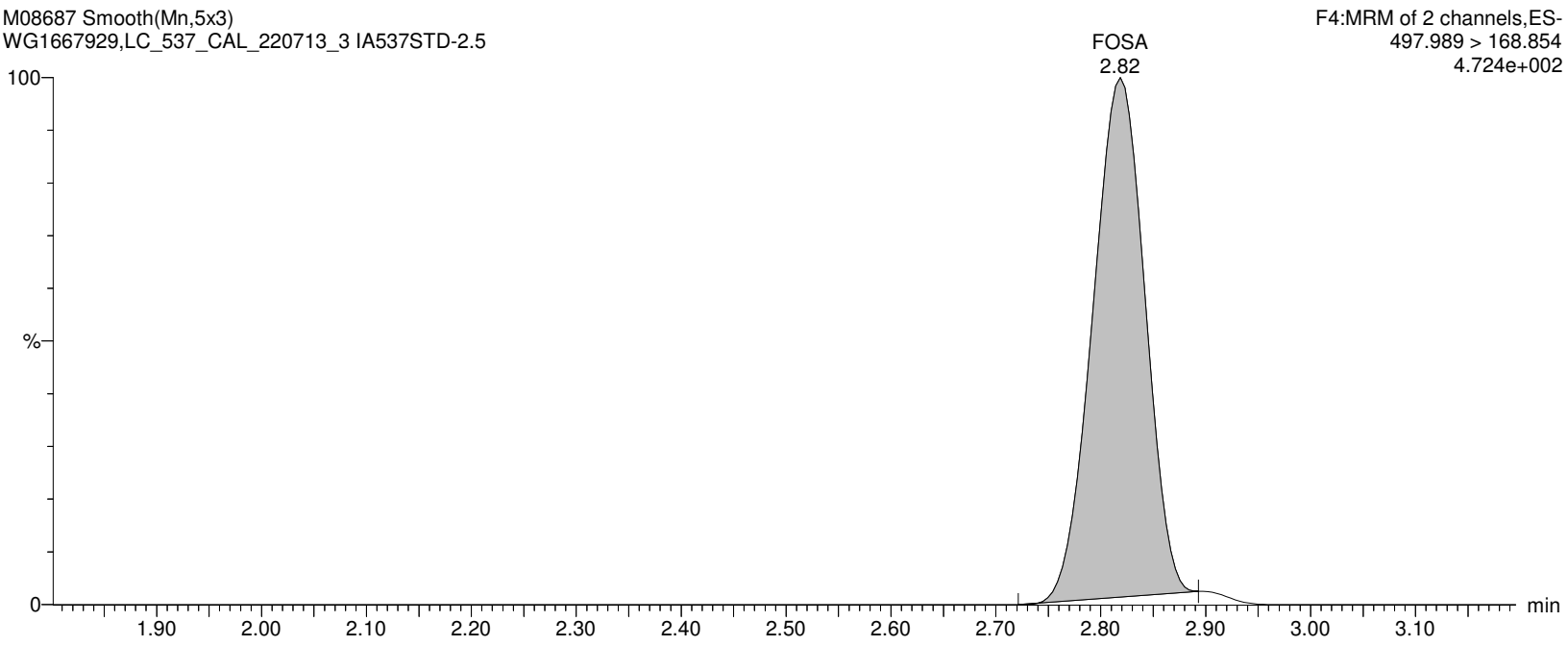
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:09 Eastern Daylight Time

Name: M08687
ID: IA537STD-2.5
Date: 27-Jul-2022
Time: 13:04:49
Description: WG1667929,LC_537_CAL_220713_3
User: LCMS01:RS
Vial: 1:B,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

FOSA



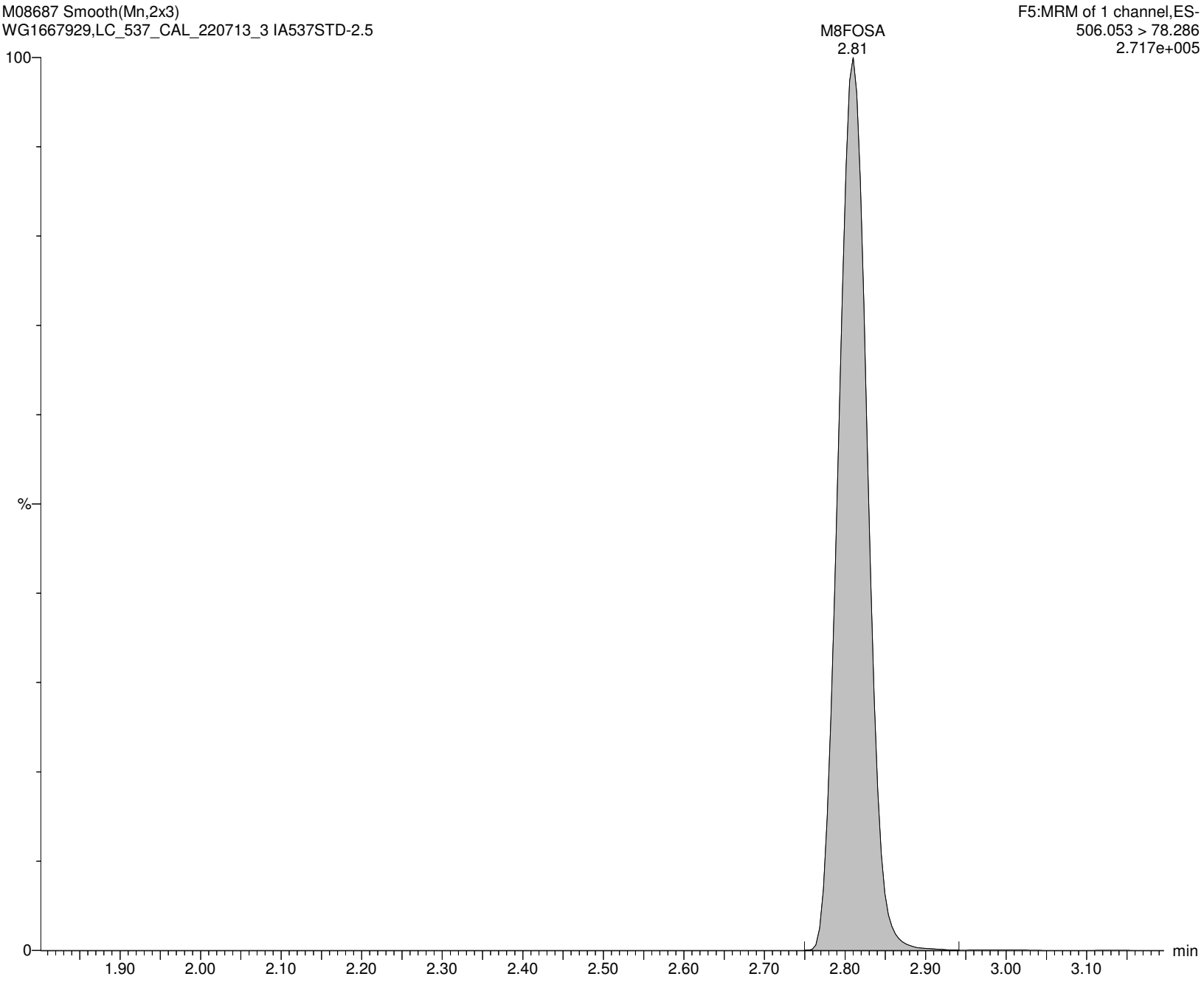


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:09 Eastern Daylight Time

Name: M08687
ID: IA537STD-2.5
Date: 27-Jul-2022
Time: 13:04:49
Description: WG1667929,LC_537_CAL_220713_3
User: LCMS01:RS
Vial: 1:B,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

M8FOSA

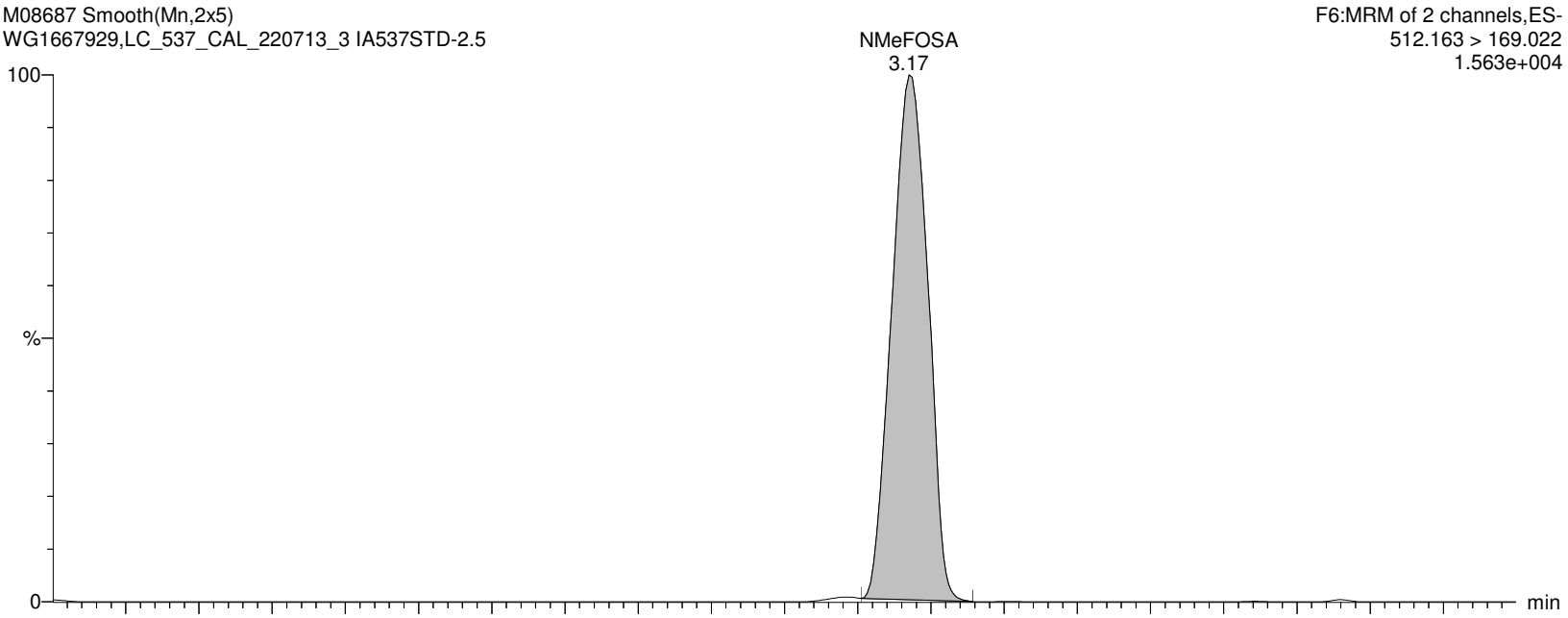


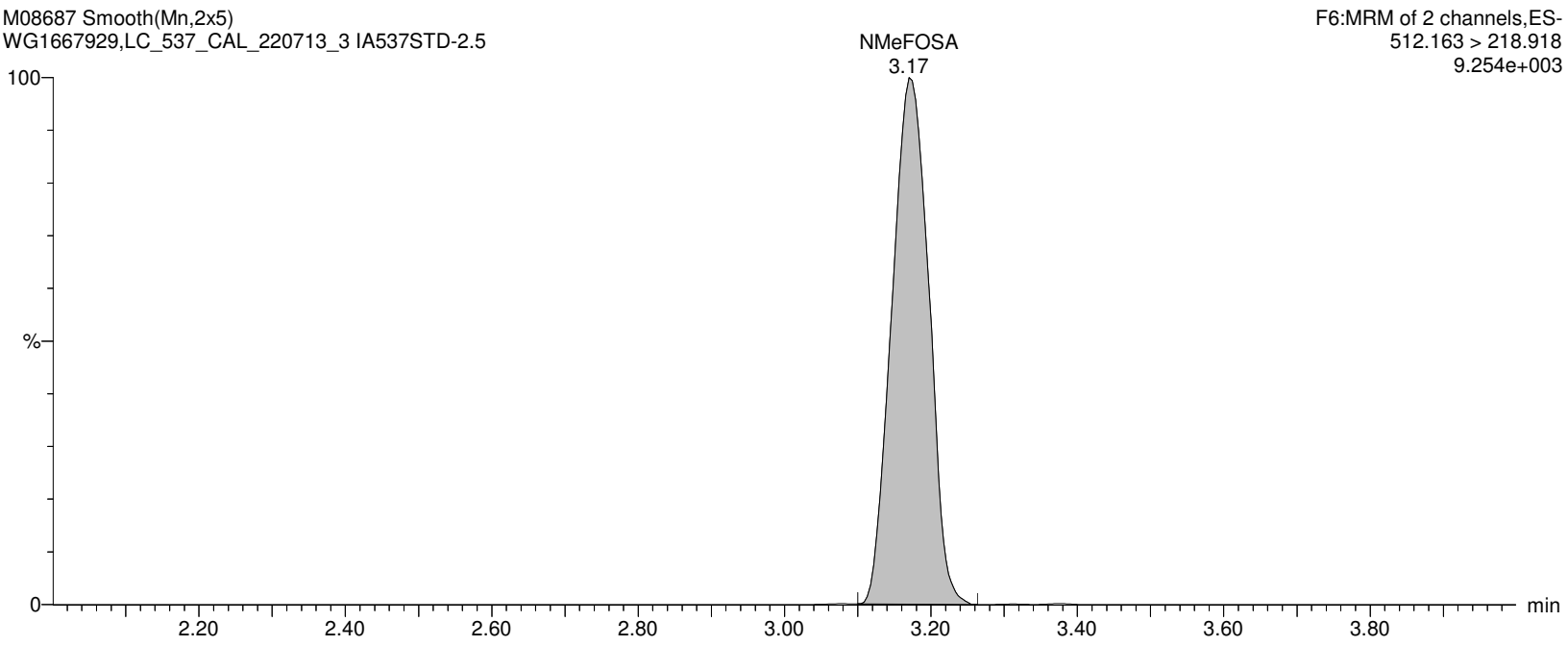
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:09 Eastern Daylight Time

Name: M08687
ID: IA537STD-2.5
Date: 27-Jul-2022
Time: 13:04:49
Description: WG1667929,LC_537_CAL_220713_3
User: LCMS01:RS
Vial: 1:B,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

NMeFOSA



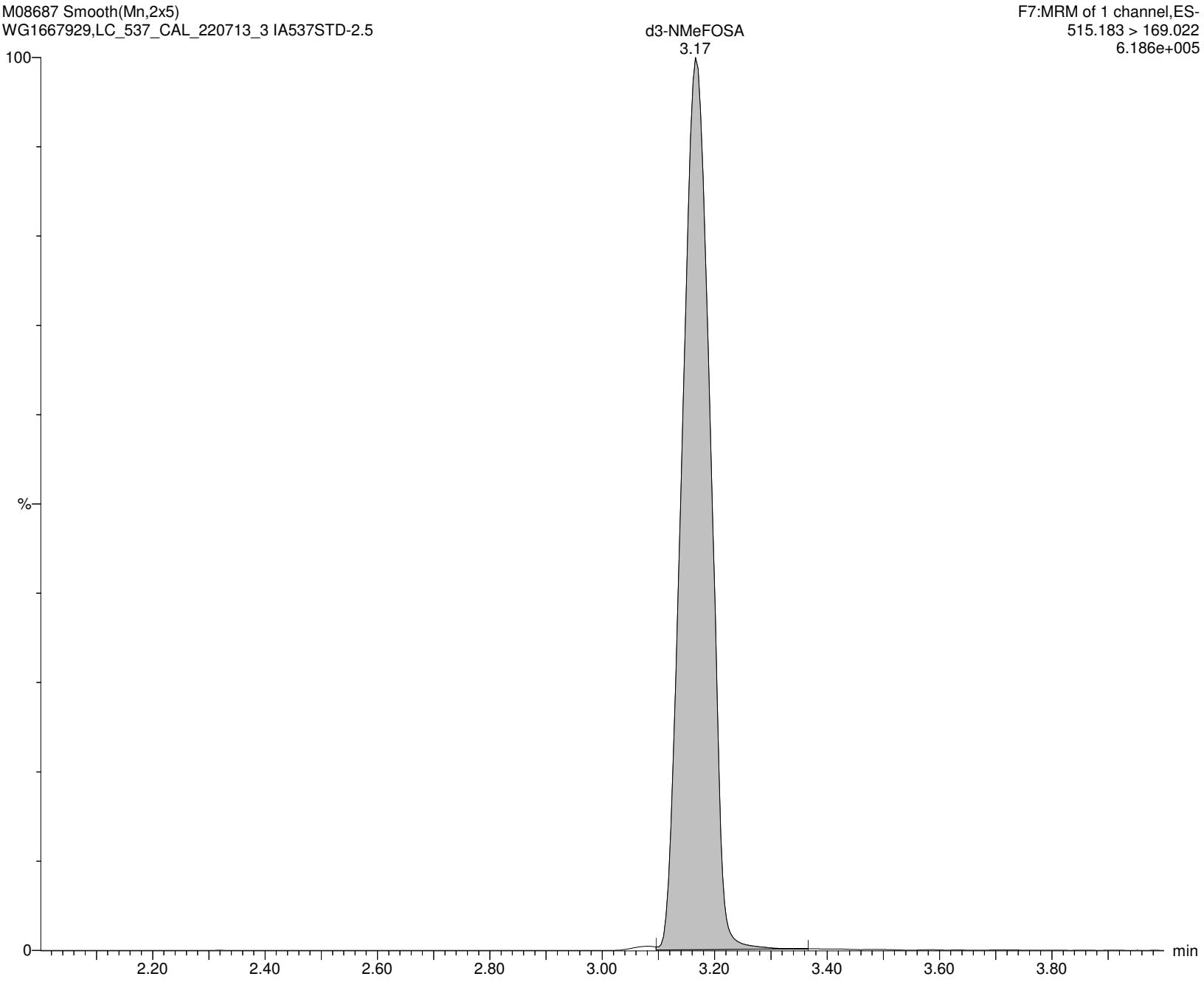


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:09 Eastern Daylight Time

Name: M08687
ID: IA537STD-2.5
Date: 27-Jul-2022
Time: 13:04:49
Description: WG1667929,LC_537_CAL_220713_3
User: LCMS01:RS
Vial: 1:B,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

d3-NMeFOSA

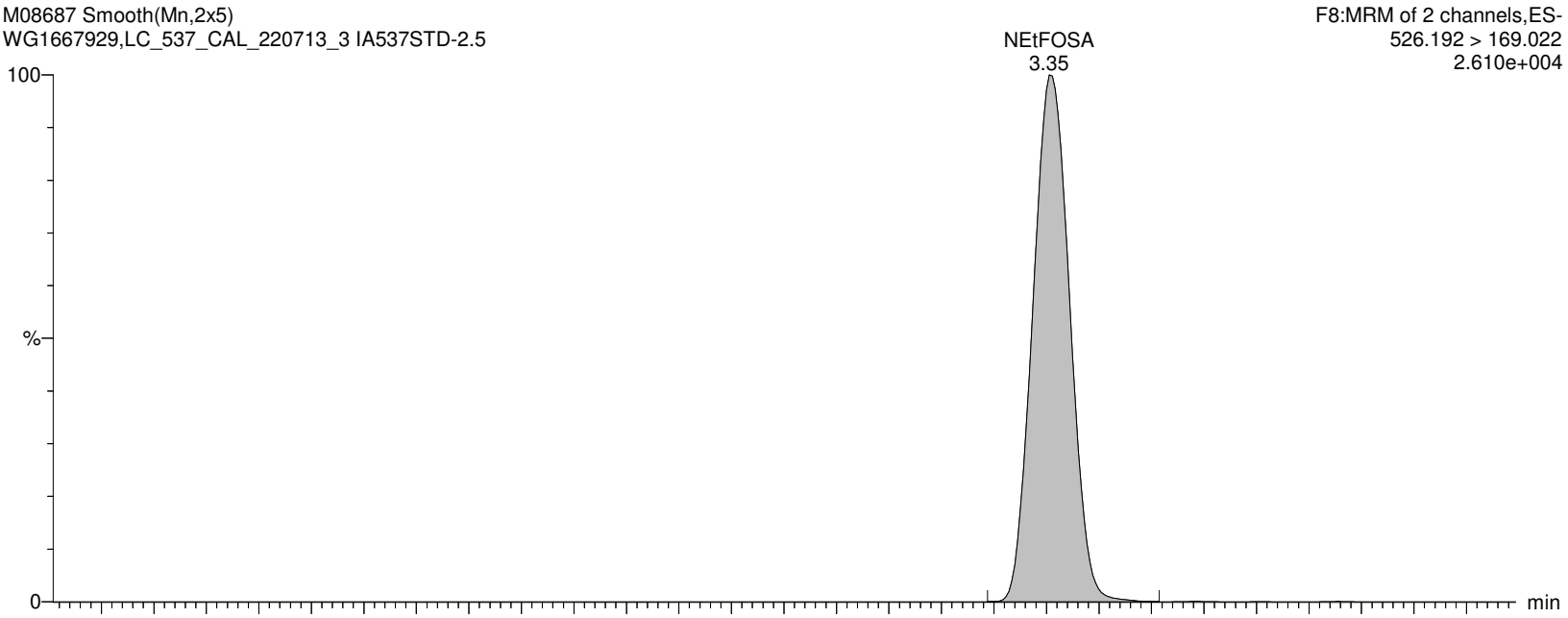


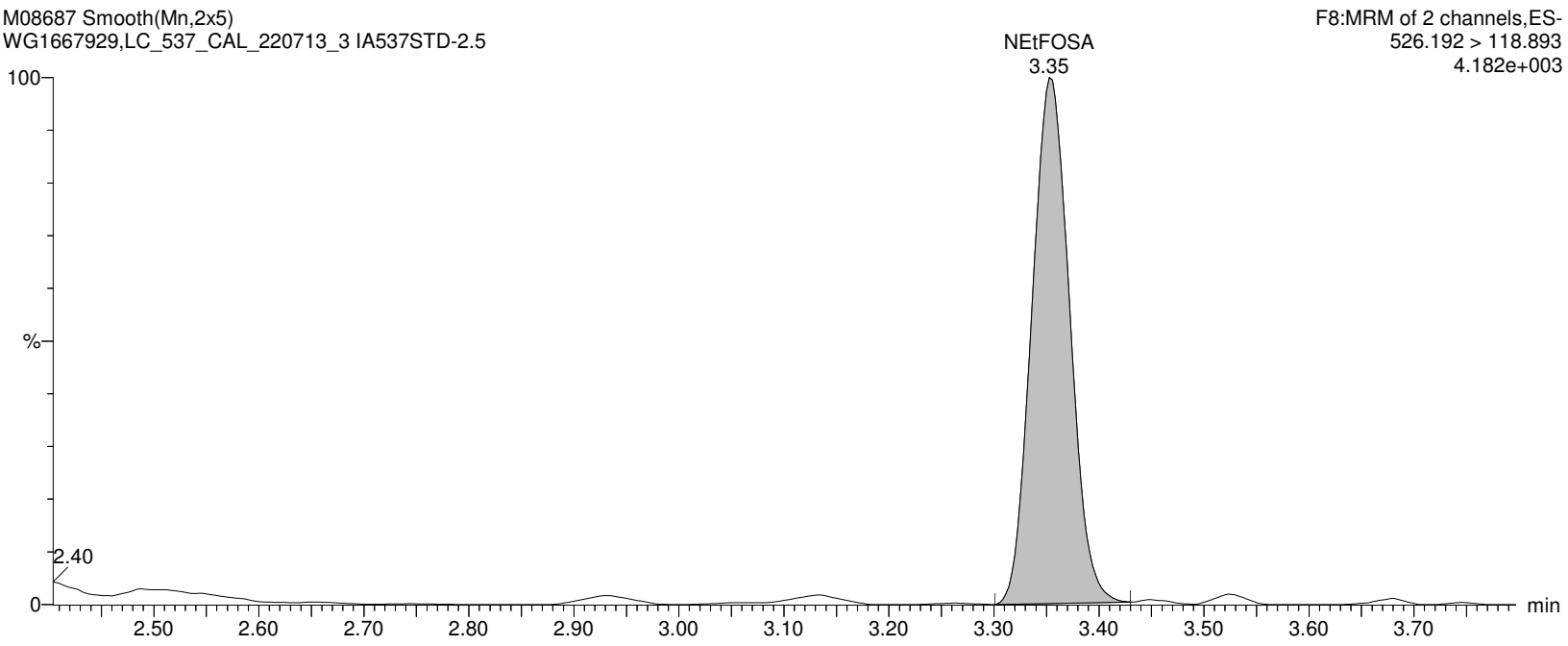
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:09 Eastern Daylight Time

Name: M08687
ID: IA537STD-2.5
Date: 27-Jul-2022
Time: 13:04:49
Description: WG1667929,LC_537_CAL_220713_3
User: LCMS01:RS
Vial: 1:B,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

NEtFOSA



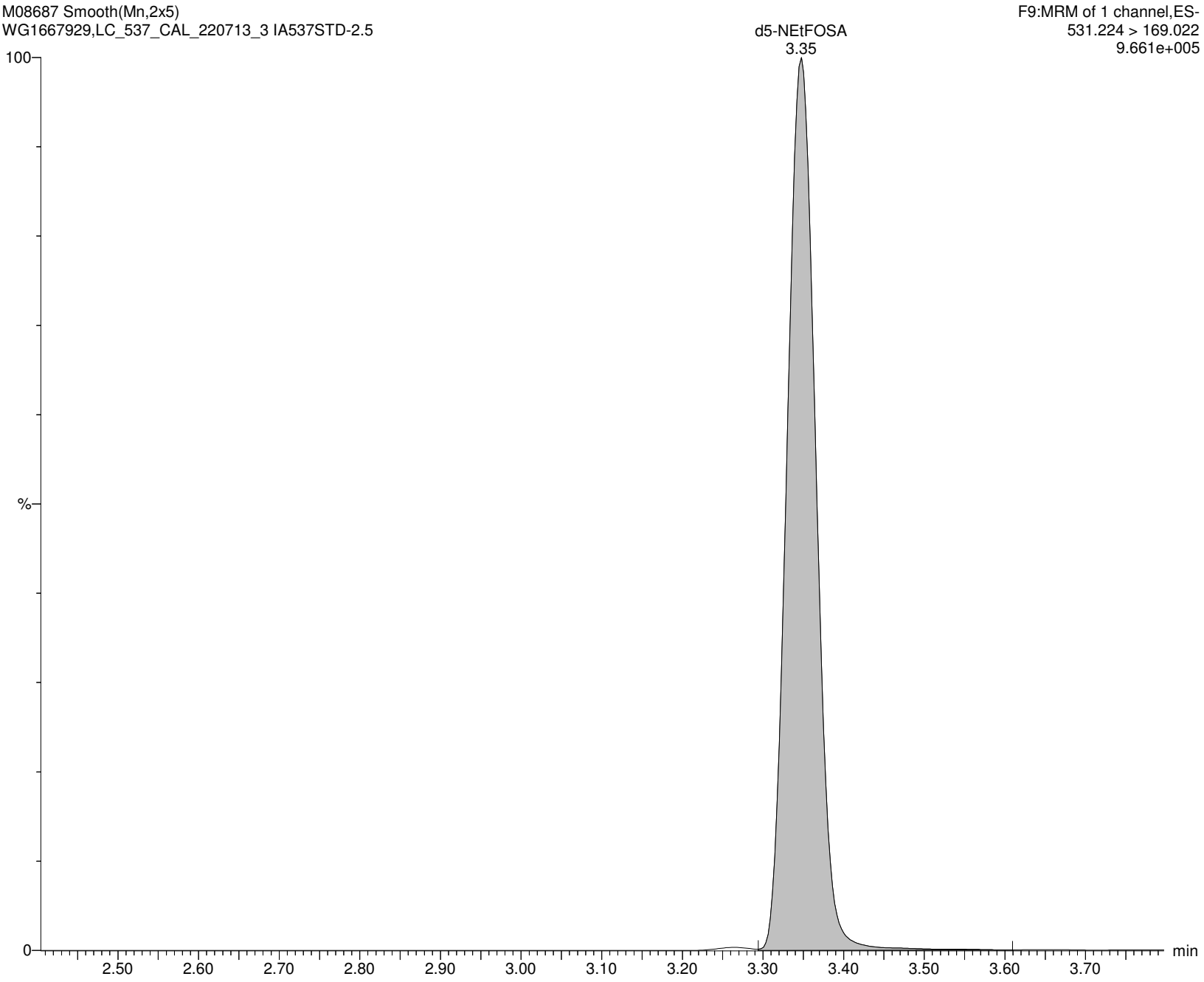


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:09 Eastern Daylight Time

Name: M08687
ID: IA537STD-2.5
Date: 27-Jul-2022
Time: 13:04:49
Description: WG1667929,LC_537_CAL_220713_3
User: LCMS01:RS
Vial: 1:B,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

d5-NEtFOSA

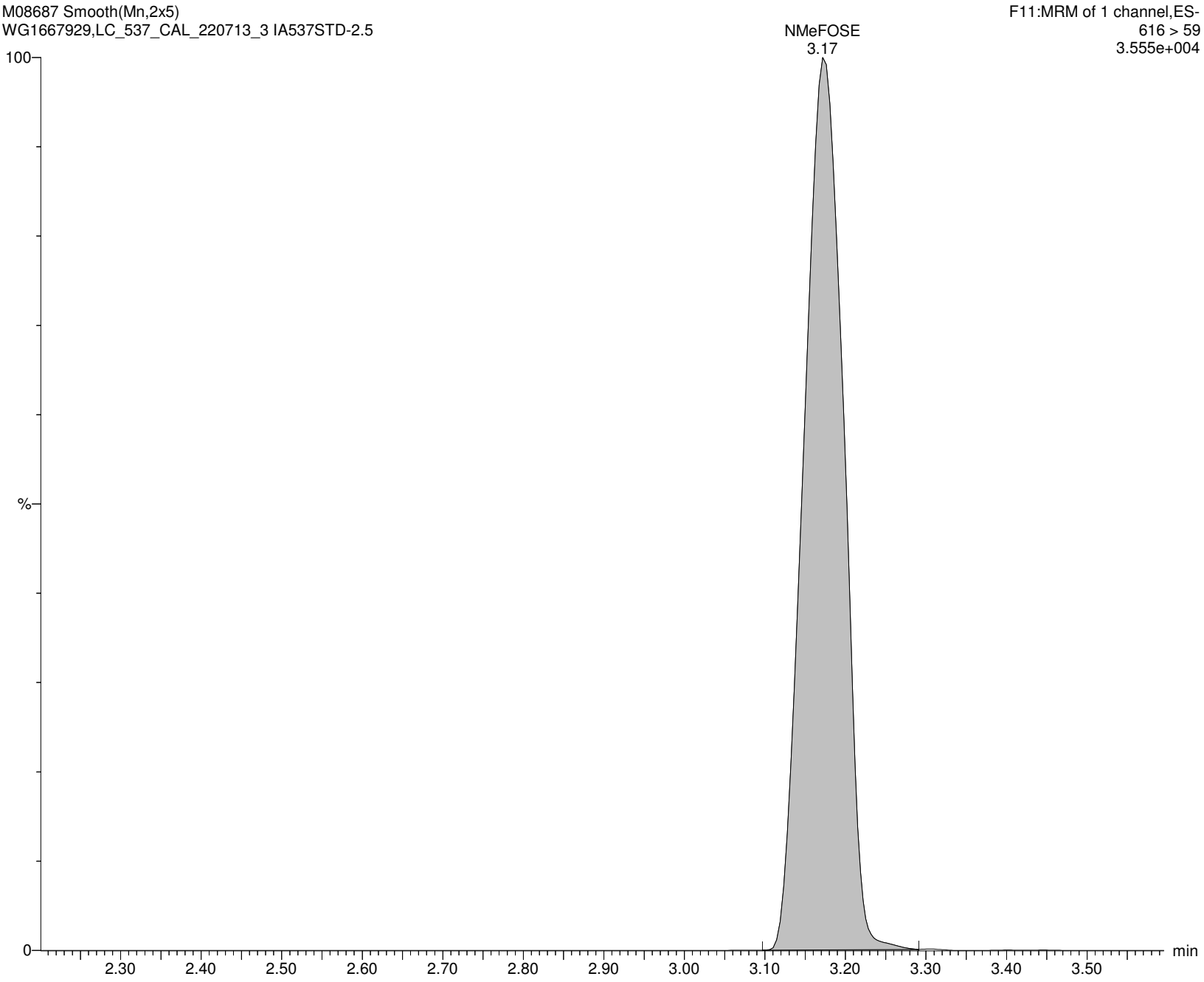


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:09 Eastern Daylight Time

Name: M08687
ID: IA537STD-2.5
Date: 27-Jul-2022
Time: 13:04:49
Description: WG1667929,LC_537_CAL_220713_3
User: LCMS01:RS
Vial: 1:B,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

NMeFOSE

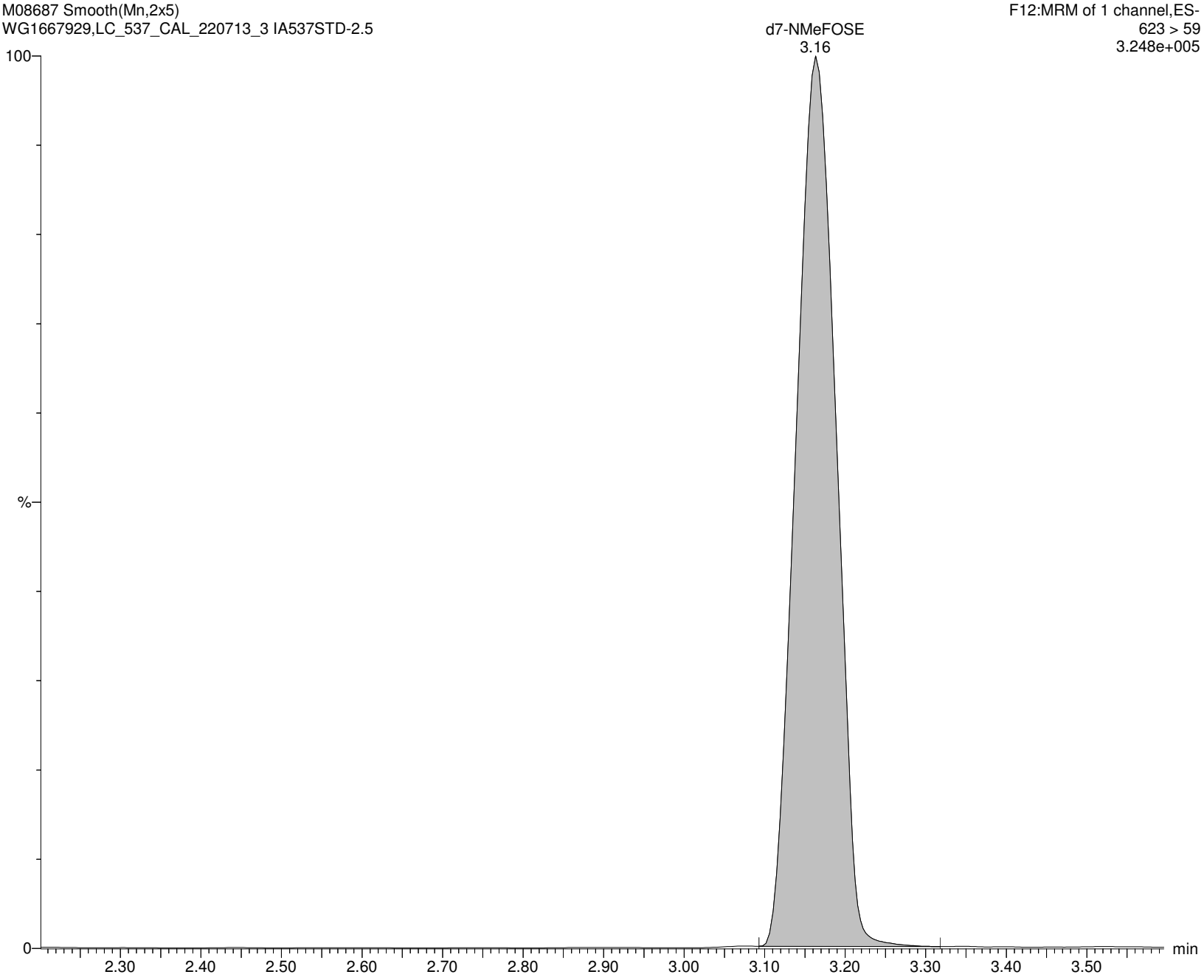


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:09 Eastern Daylight Time

Name: M08687
ID: IA537STD-2.5
Date: 27-Jul-2022
Time: 13:04:49
Description: WG1667929,LC_537_CAL_220713_3
User: LCMS01:RS
Vial: 1:B,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

d7-NMeFOSE

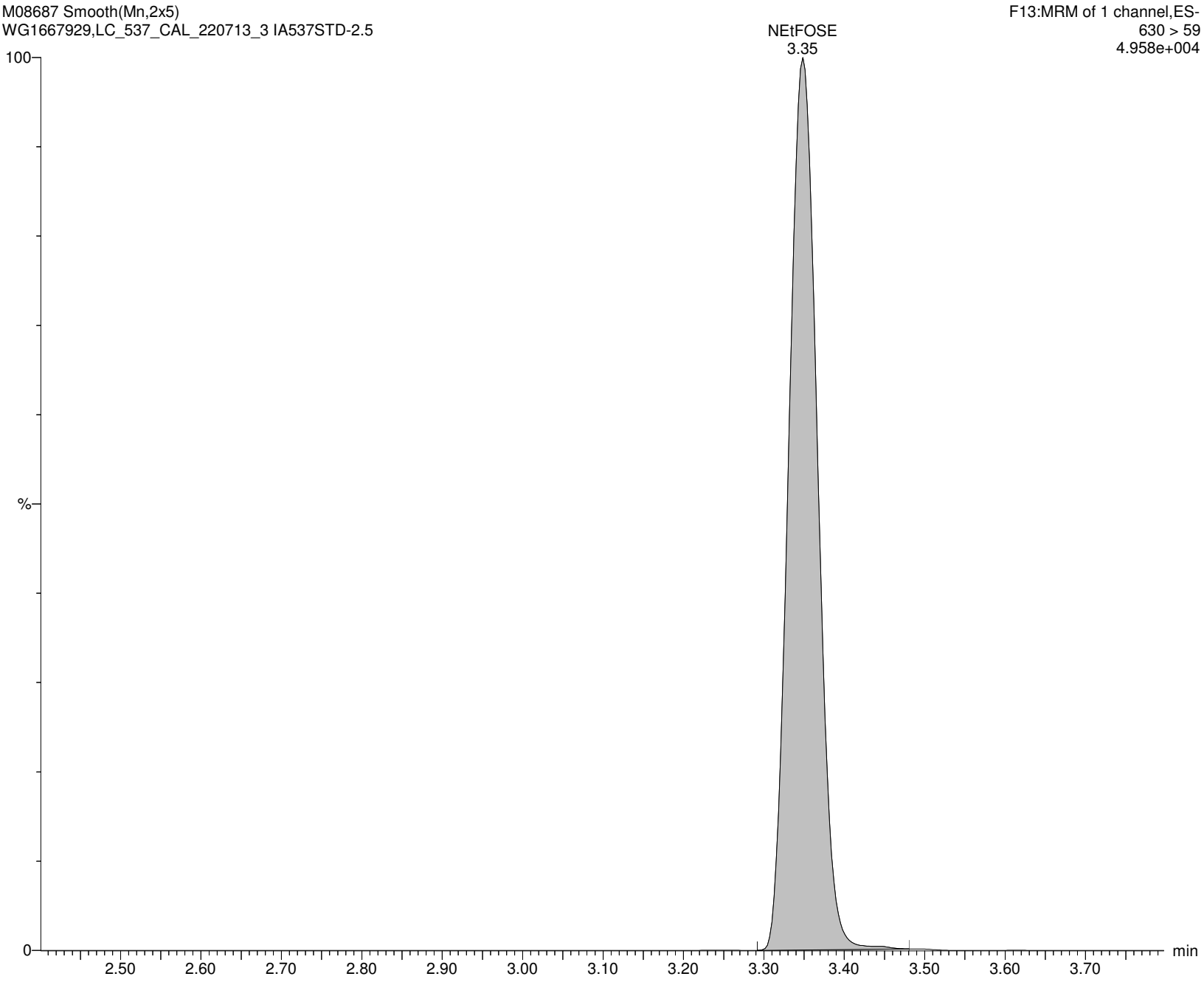


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:09 Eastern Daylight Time

Name: M08687
ID: IA537STD-2.5
Date: 27-Jul-2022
Time: 13:04:49
Description: WG1667929,LC_537_CAL_220713_3
User: LCMS01:RS
Vial: 1:B,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

NEtFOSE

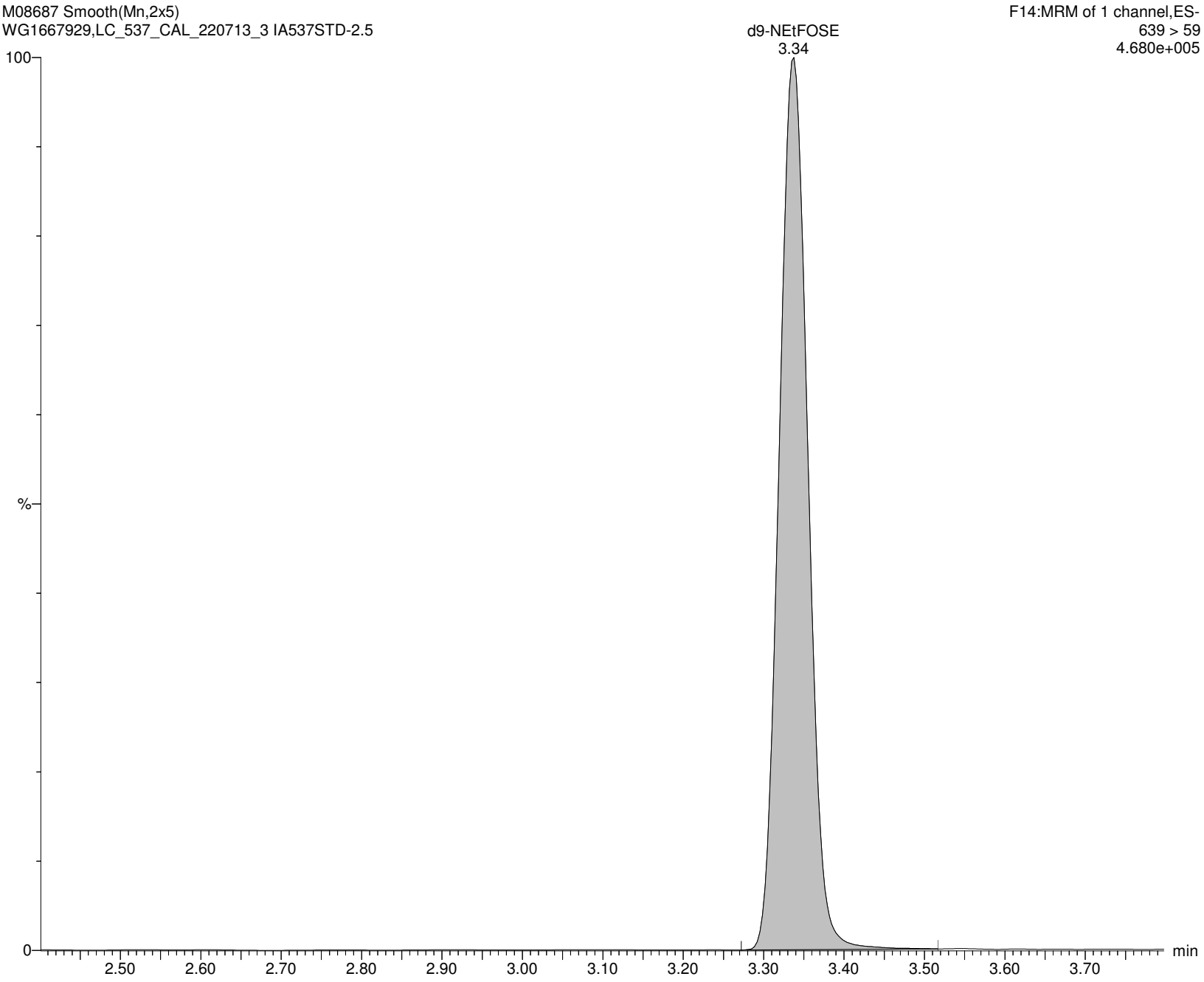


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:09 Eastern Daylight Time

Name: M08687
ID: IA537STD-2.5
Date: 27-Jul-2022
Time: 13:04:49
Description: WG1667929,LC_537_CAL_220713_3
User: LCMS01:RS
Vial: 1:B,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

d9-NEtFOSE



all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:10 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\MethDB\MeOH_FRAC_220727.mdb 27 Jul 2022 13:43:47
Calibration: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\CurveDB\220727_MEOH_ICAL.cdb 27 Jul 2022 13:45:01

ID: IA537STD-10
Name: M08688
Date: 27-Jul-2022
Time: 13:12:02
Description: WG1667929,LC_537_CAL_220713_4
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:RS
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	M5PFNA	INT STD	2.22	468 > 423	19417		10.396		na	104.0
2	M2-PFUDA	INT STD	2.82	565.1 > 520.1	18343		10.314		na	103.1
3	FOSA	754-91-6	2.81	497.989 > 78.245	15379		10.333	180.12	NO	103.3
4	M8FOSA	INT STD	2.81	506.053 > 78.286	12828		9.944		na	99.4
5	NMeFOSA		3.17	512.163 > 169.022	3355		9.895	1.60	NO	99.0
6	d3-NMeFOSA		3.17	515.183 > 169.022	35506		90.876		na	90.9
7	NEtFOSA		3.36	526.192 > 169.022	4598		11.014	7.46	NO	110.1
8	d5-NEtFOSA		3.35	531.224 > 169.022	39571		89.385		na	89.4
9	NMeFOSE		3.18	616 > 59	8502		10.724		na	107.2
10	d7-NMeFOSE		3.17	623 > 59	18037		90.296		na	90.3
11	NEtFOSE		3.35	630 > 59	8423		10.779		na	107.8
12	d9-NEtFOSE		3.34	639 > 59	19346		90.121		na	90.1

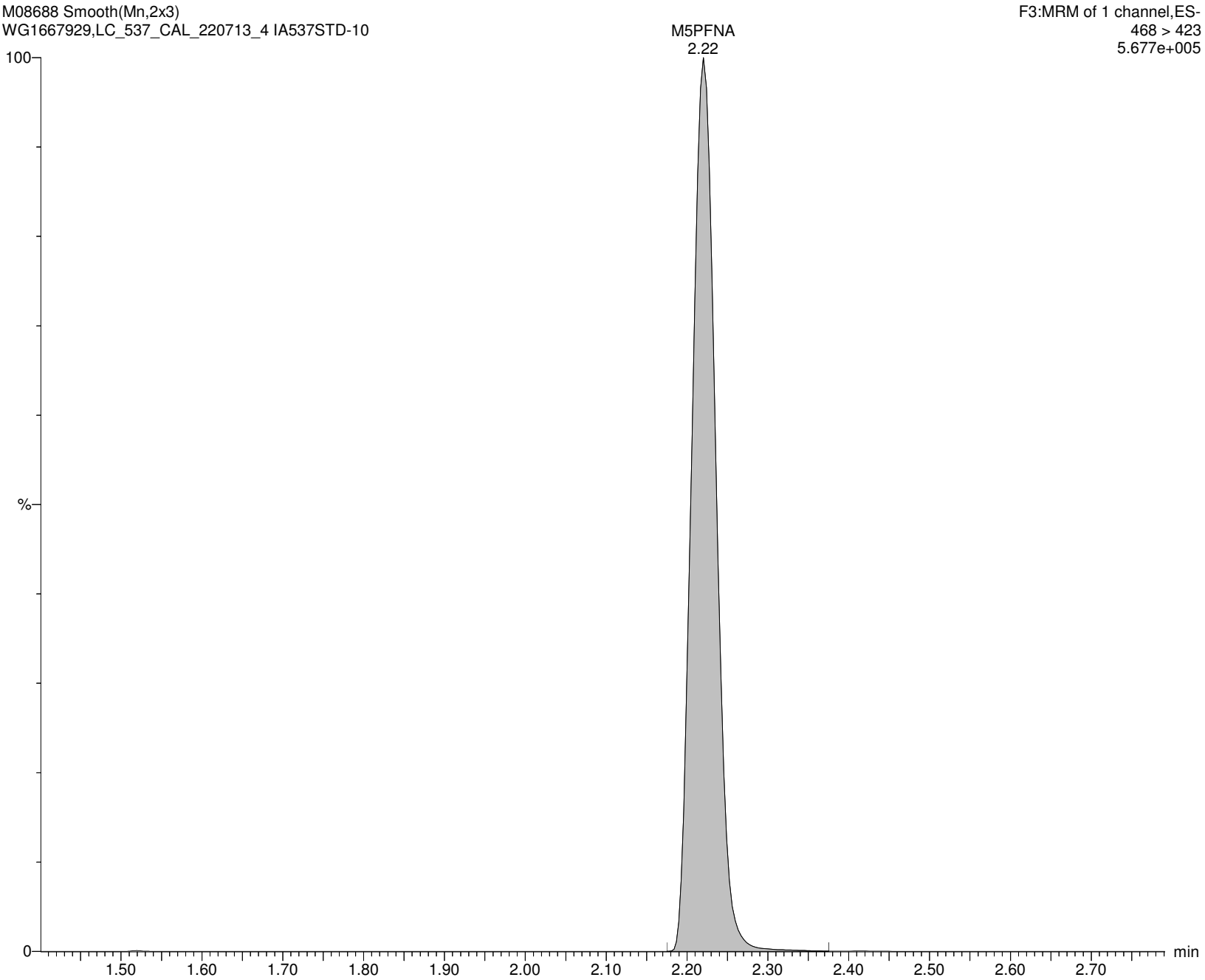
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:10 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\MethDB\MeOH_FRAC_220727.mdb 27 Jul 2022 13:43:47
Calibration: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\CurveDB\220727_MEOH_ICAL.cdb 27 Jul 2022 13:45:01

Name: M08688
ID: IA537STD-10
Date: 27-Jul-2022
Time: 13:12:02
Description: WG1667929,LC_537_CAL_220713_4
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

M5PFNA

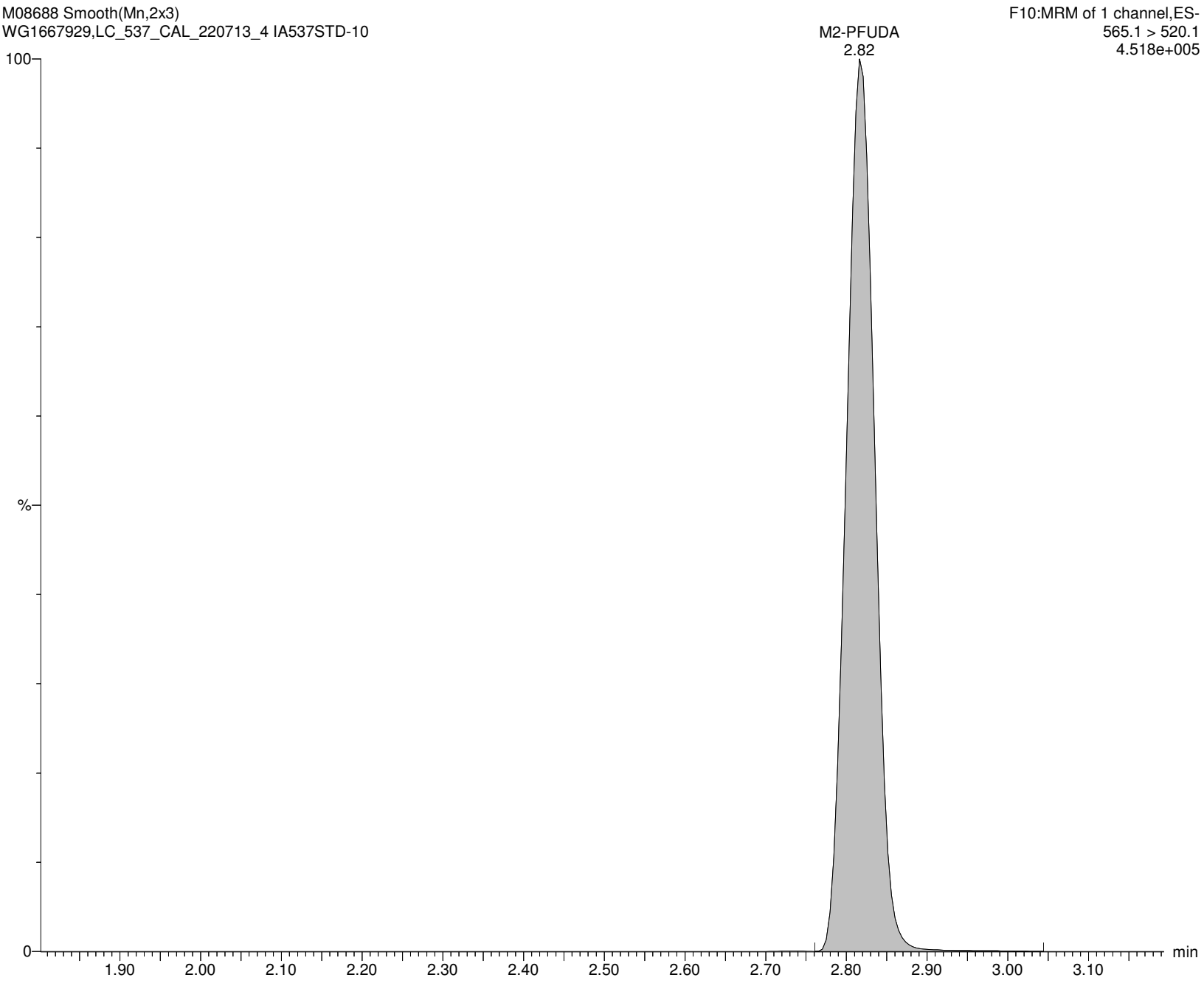


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:10 Eastern Daylight Time

Name: M08688
ID: IA537STD-10
Date: 27-Jul-2022
Time: 13:12:02
Description: WG1667929,LC_537_CAL_220713_4
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

M2-PFUDA

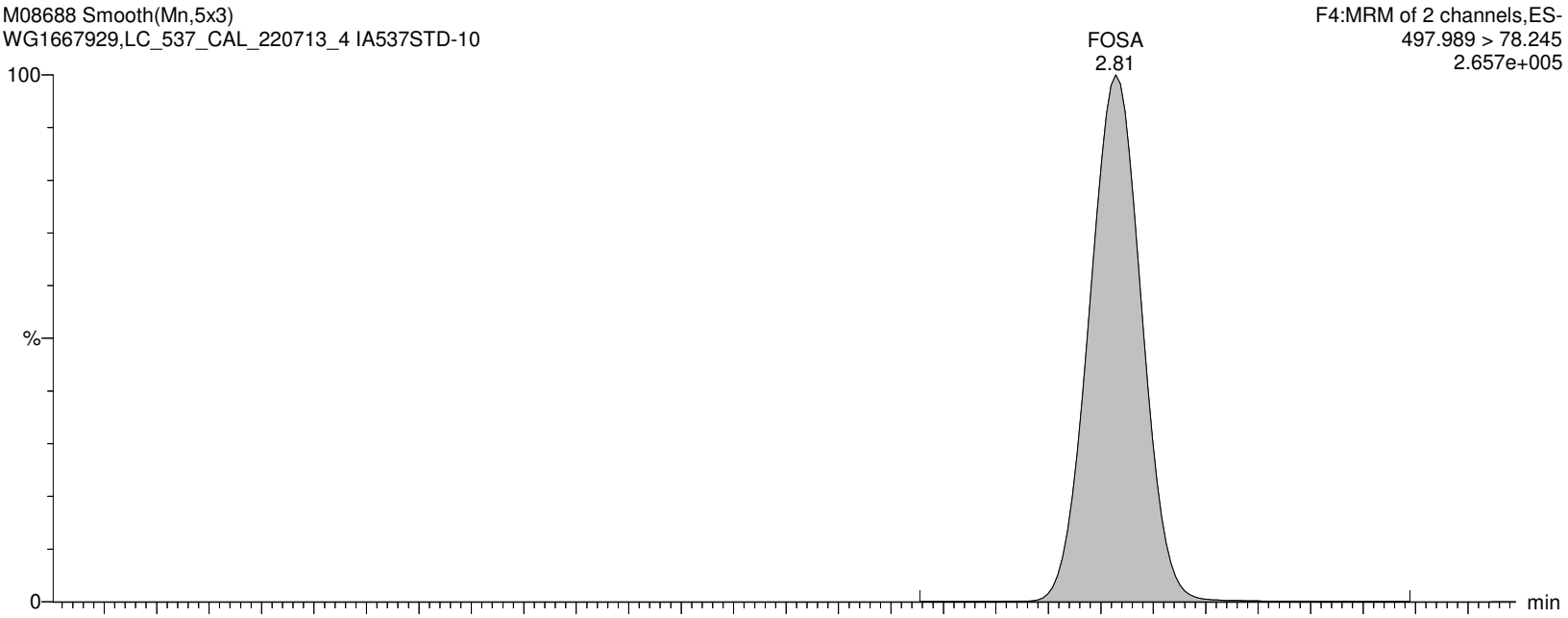


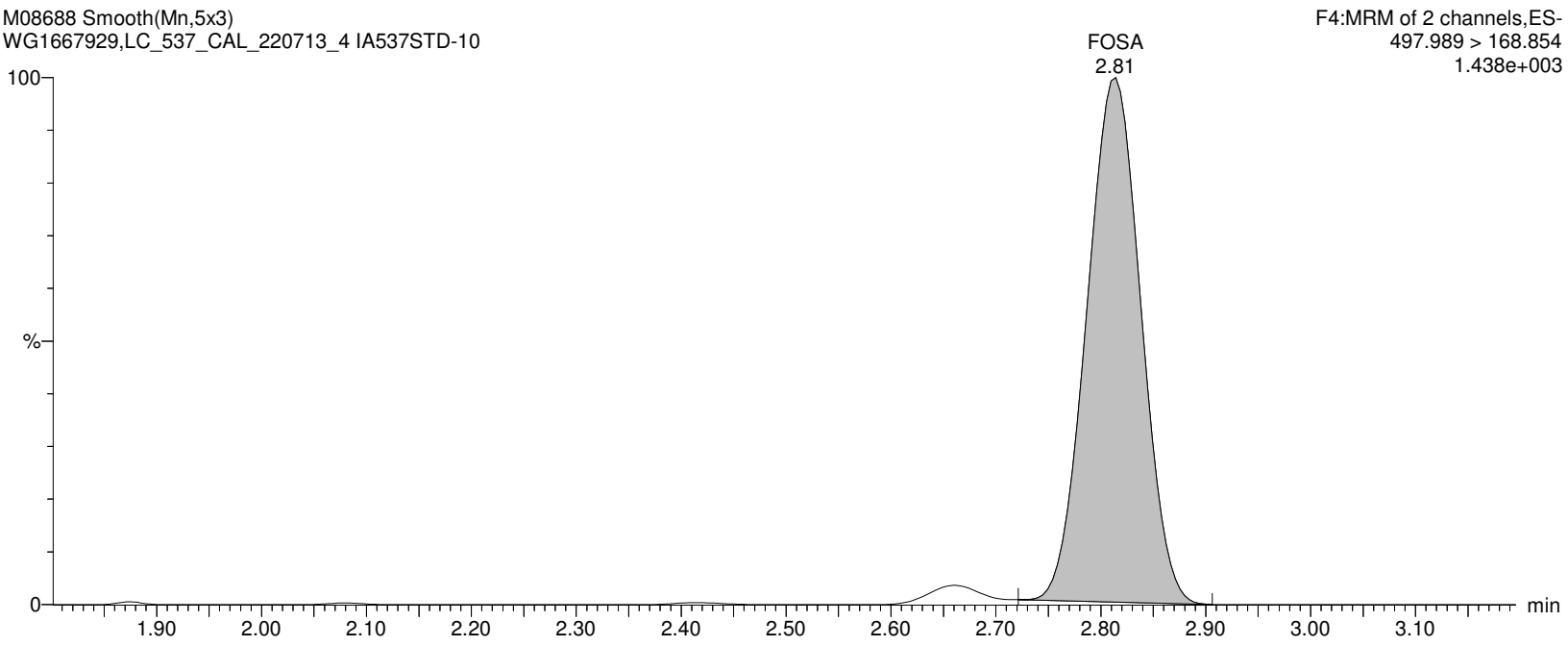
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:10 Eastern Daylight Time

Name: M08688
ID: IA537STD-10
Date: 27-Jul-2022
Time: 13:12:02
Description: WG1667929,LC_537_CAL_220713_4
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

FOSA



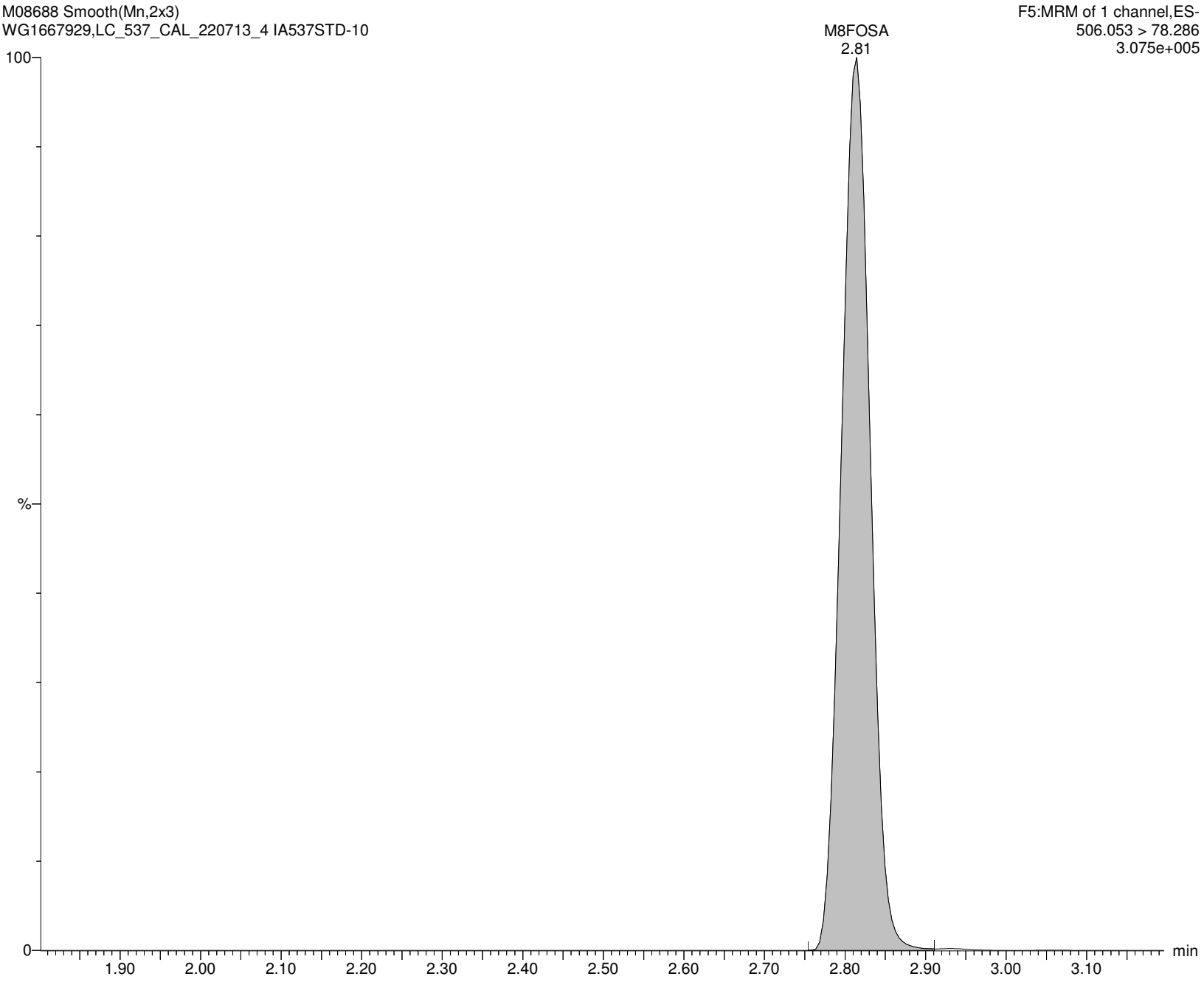


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:10 Eastern Daylight Time

Name: M08688
ID: IA537STD-10
Date: 27-Jul-2022
Time: 13:12:02
Description: WG1667929,LC_537_CAL_220713_4
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

M8FOSA

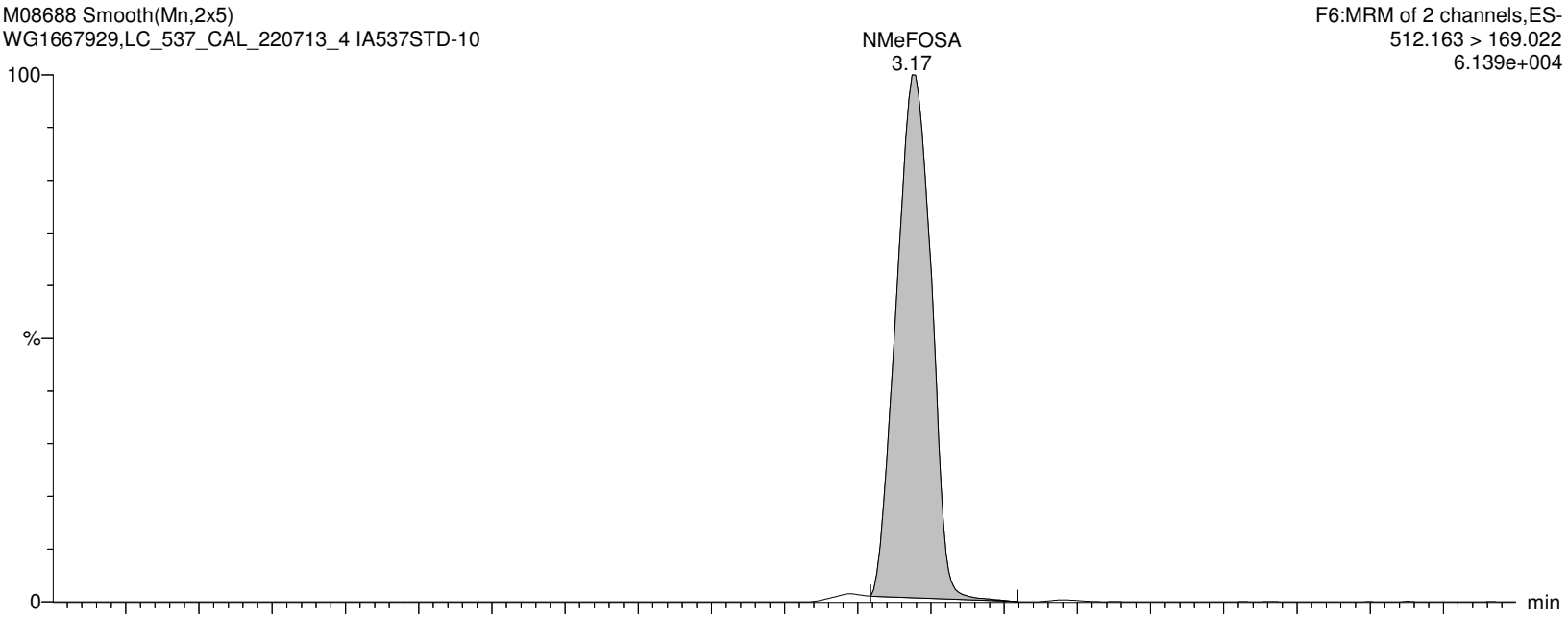


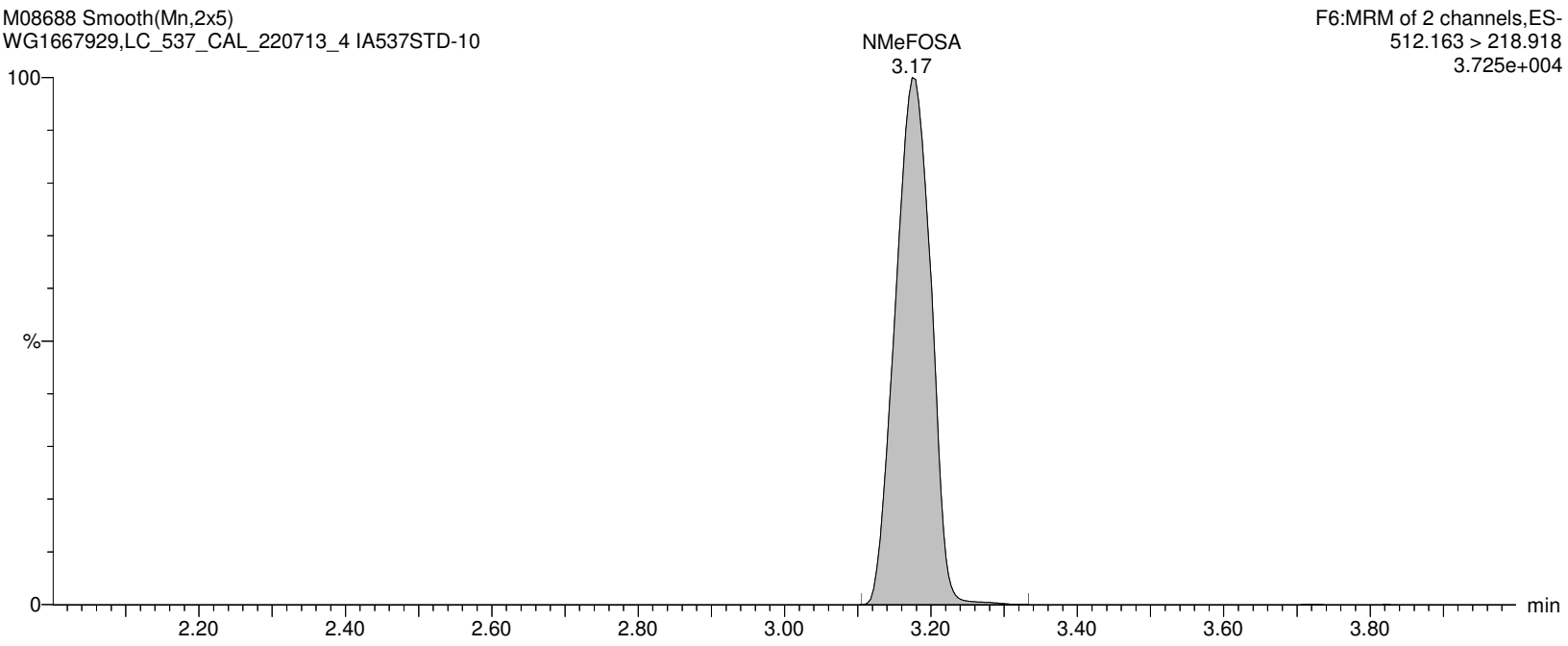
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:10 Eastern Daylight Time

Name: M08688
ID: IA537STD-10
Date: 27-Jul-2022
Time: 13:12:02
Description: WG1667929,LC_537_CAL_220713_4
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

NMeFOSA



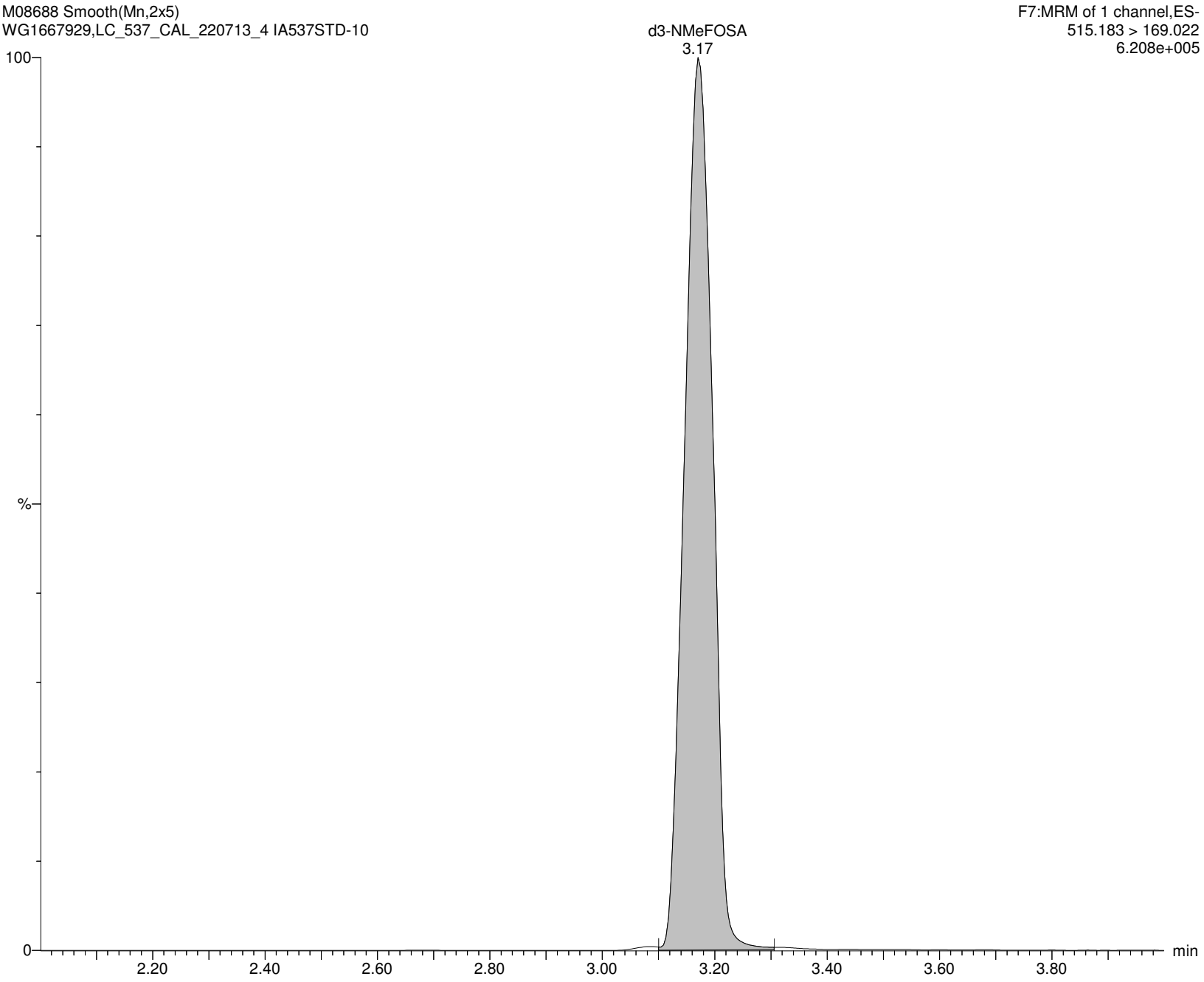


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:10 Eastern Daylight Time

Name: M08688
ID: IA537STD-10
Date: 27-Jul-2022
Time: 13:12:02
Description: WG1667929,LC_537_CAL_220713_4
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

d3-NMeFOSA

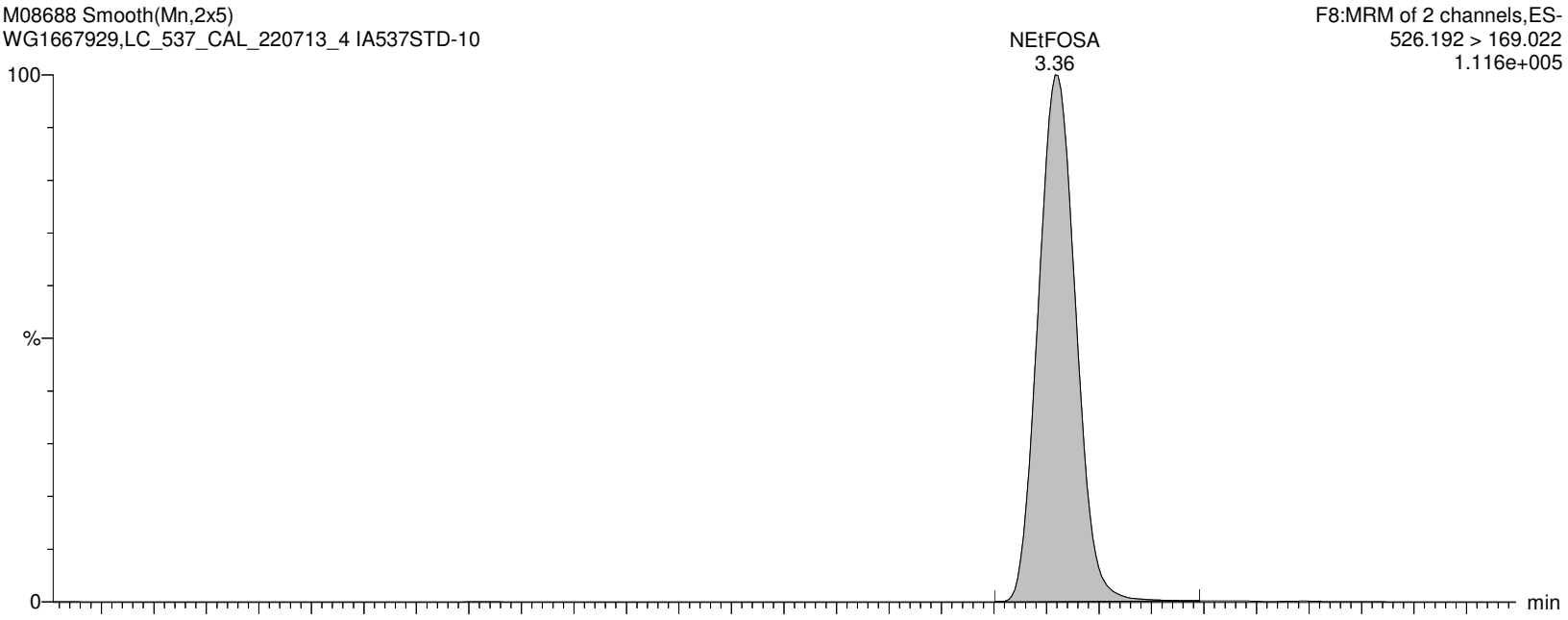


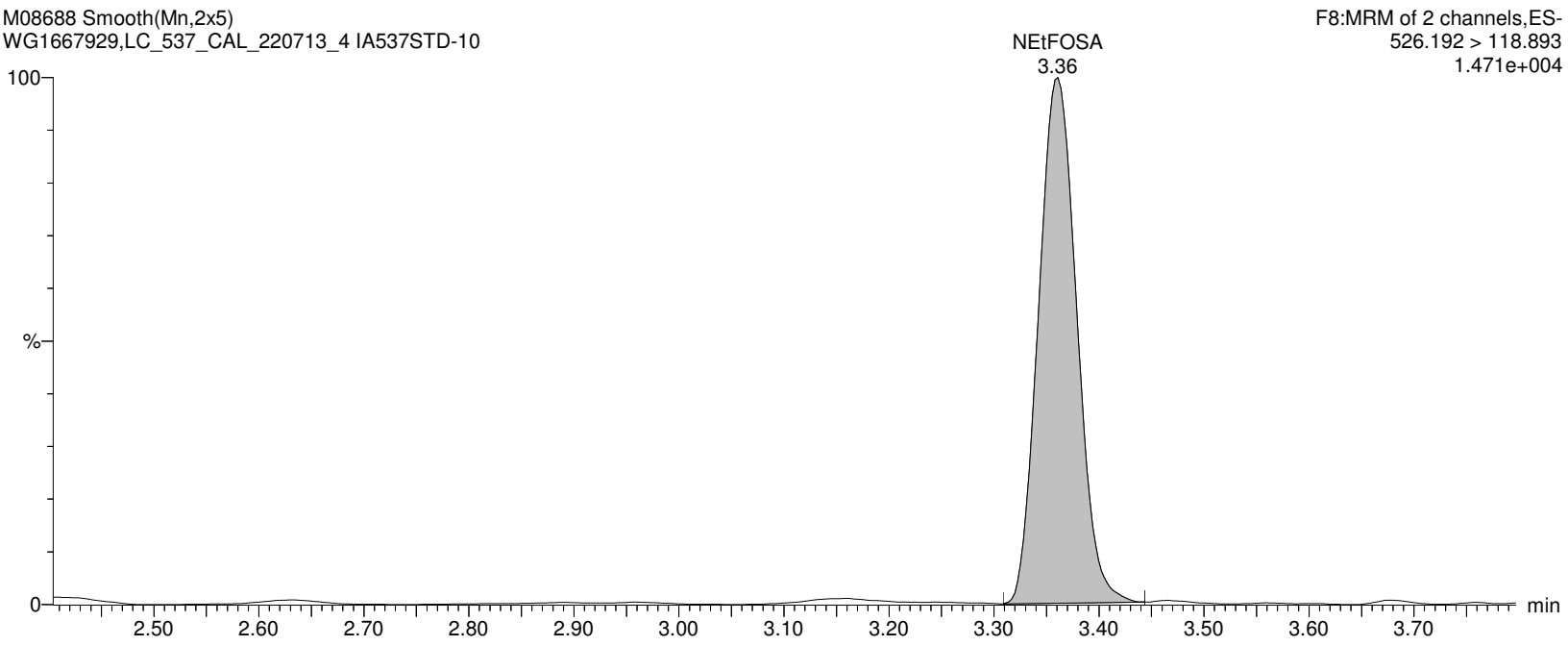
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:10 Eastern Daylight Time

Name: M08688
ID: IA537STD-10
Date: 27-Jul-2022
Time: 13:12:02
Description: WG1667929,LC_537_CAL_220713_4
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

NEtFOSA



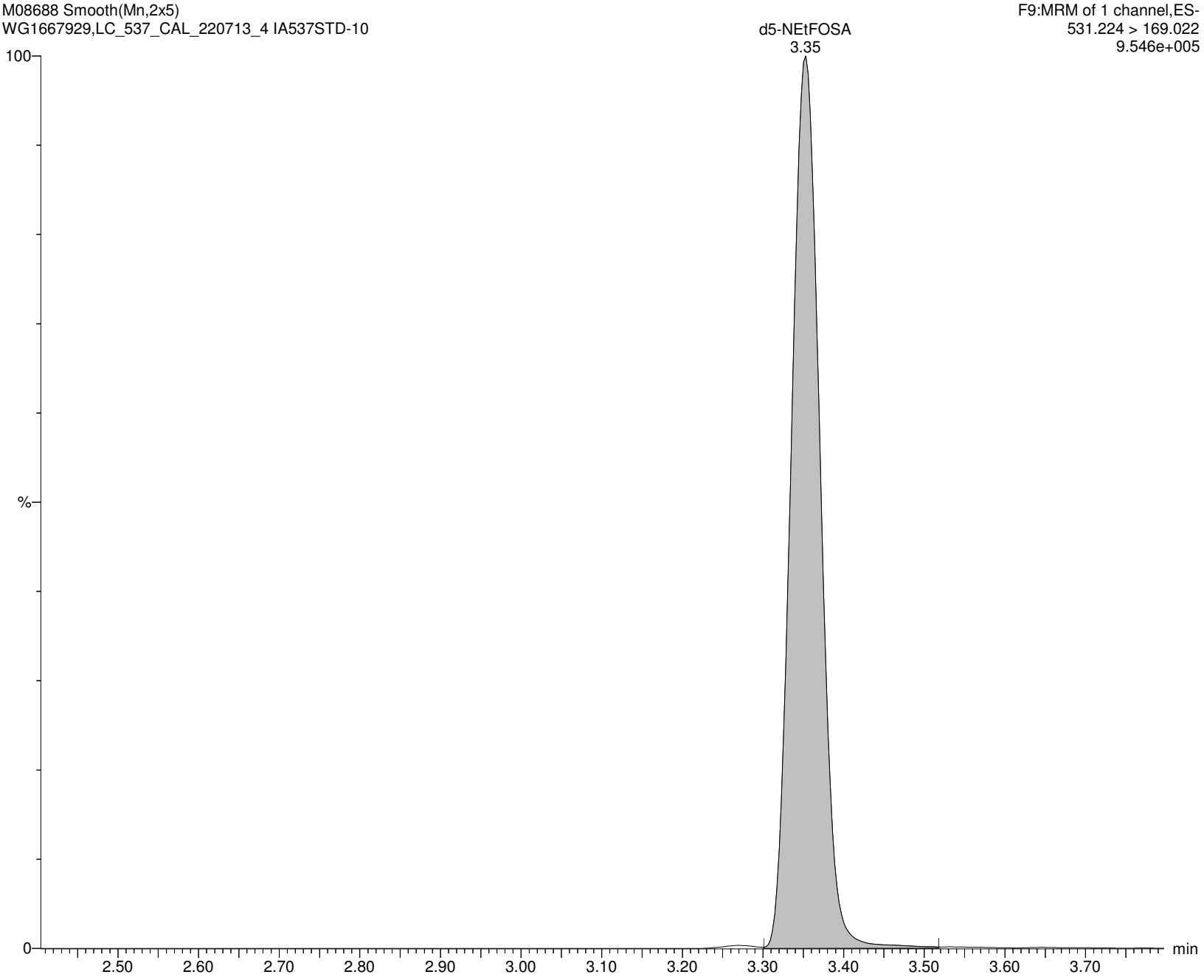


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:10 Eastern Daylight Time

Name: M08688
ID: IA537STD-10
Date: 27-Jul-2022
Time: 13:12:02
Description: WG1667929,LC_537_CAL_220713_4
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

d5-NEtFOSA

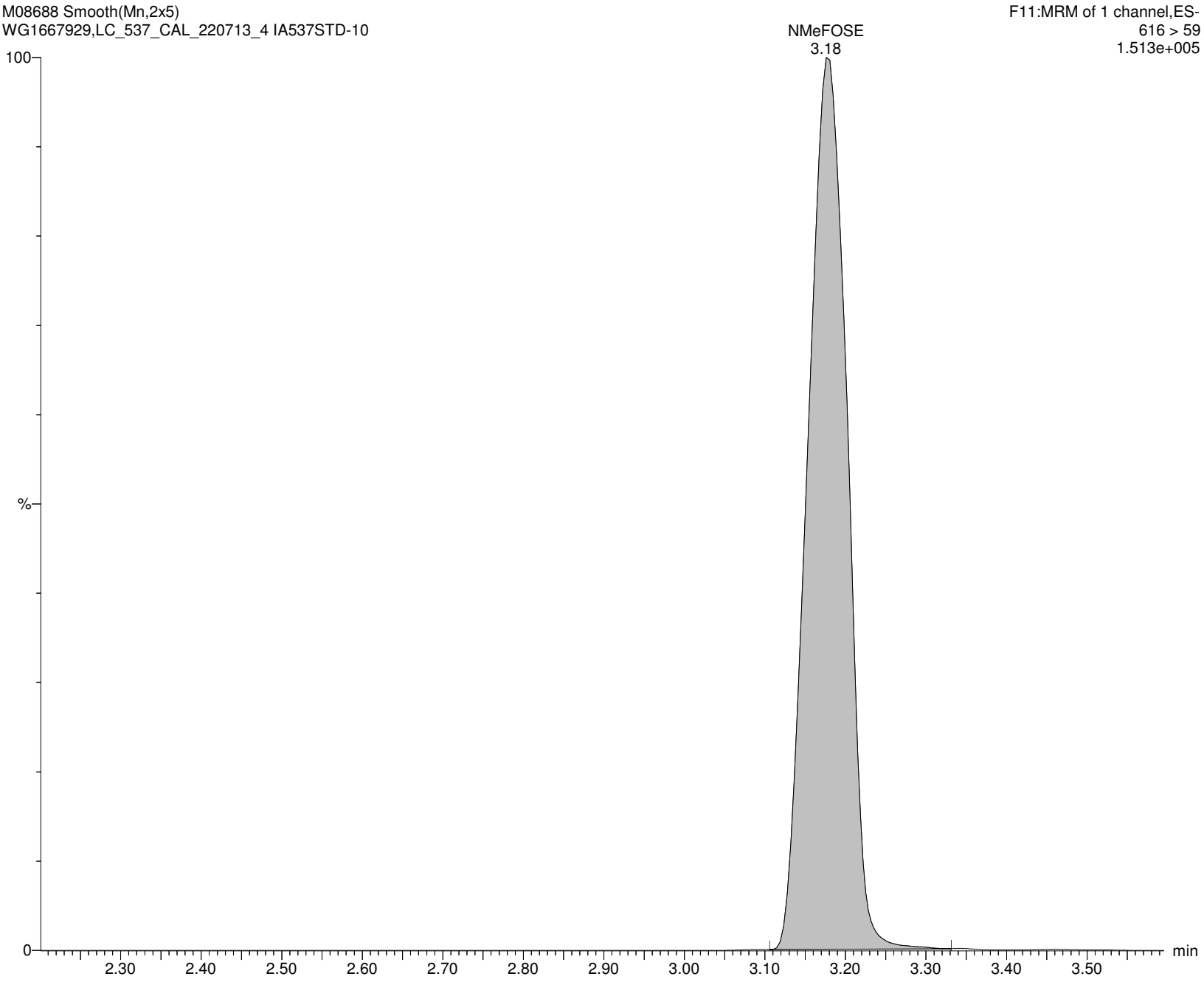


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:10 Eastern Daylight Time

Name: M08688
ID: IA537STD-10
Date: 27-Jul-2022
Time: 13:12:02
Description: WG1667929,LC_537_CAL_220713_4
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

NMeFOSE

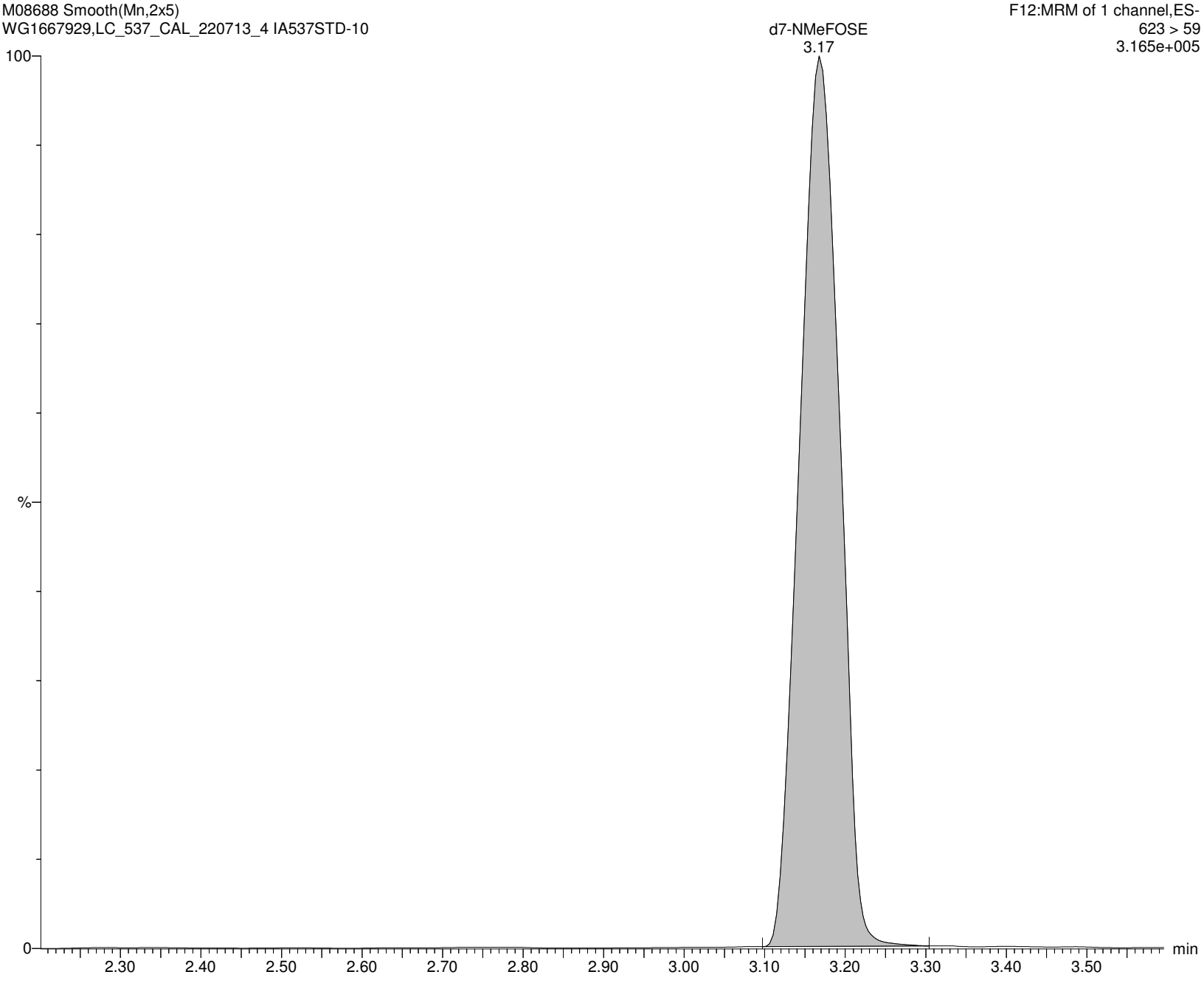


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:10 Eastern Daylight Time

Name: M08688
ID: IA537STD-10
Date: 27-Jul-2022
Time: 13:12:02
Description: WG1667929,LC_537_CAL_220713_4
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

d7-NMeFOSE

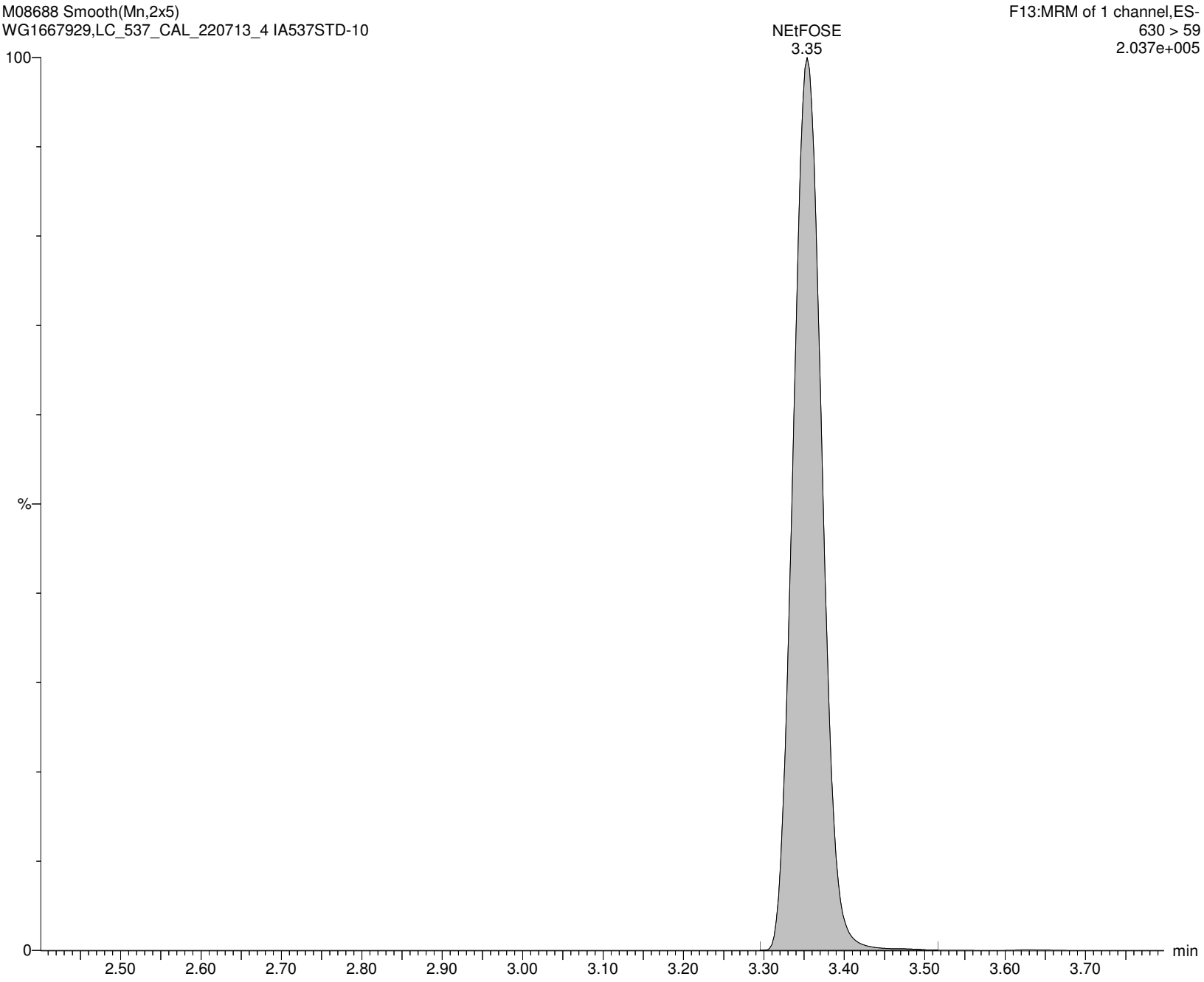


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:10 Eastern Daylight Time

Name: M08688
ID: IA537STD-10
Date: 27-Jul-2022
Time: 13:12:02
Description: WG1667929,LC_537_CAL_220713_4
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

NEtFOSE

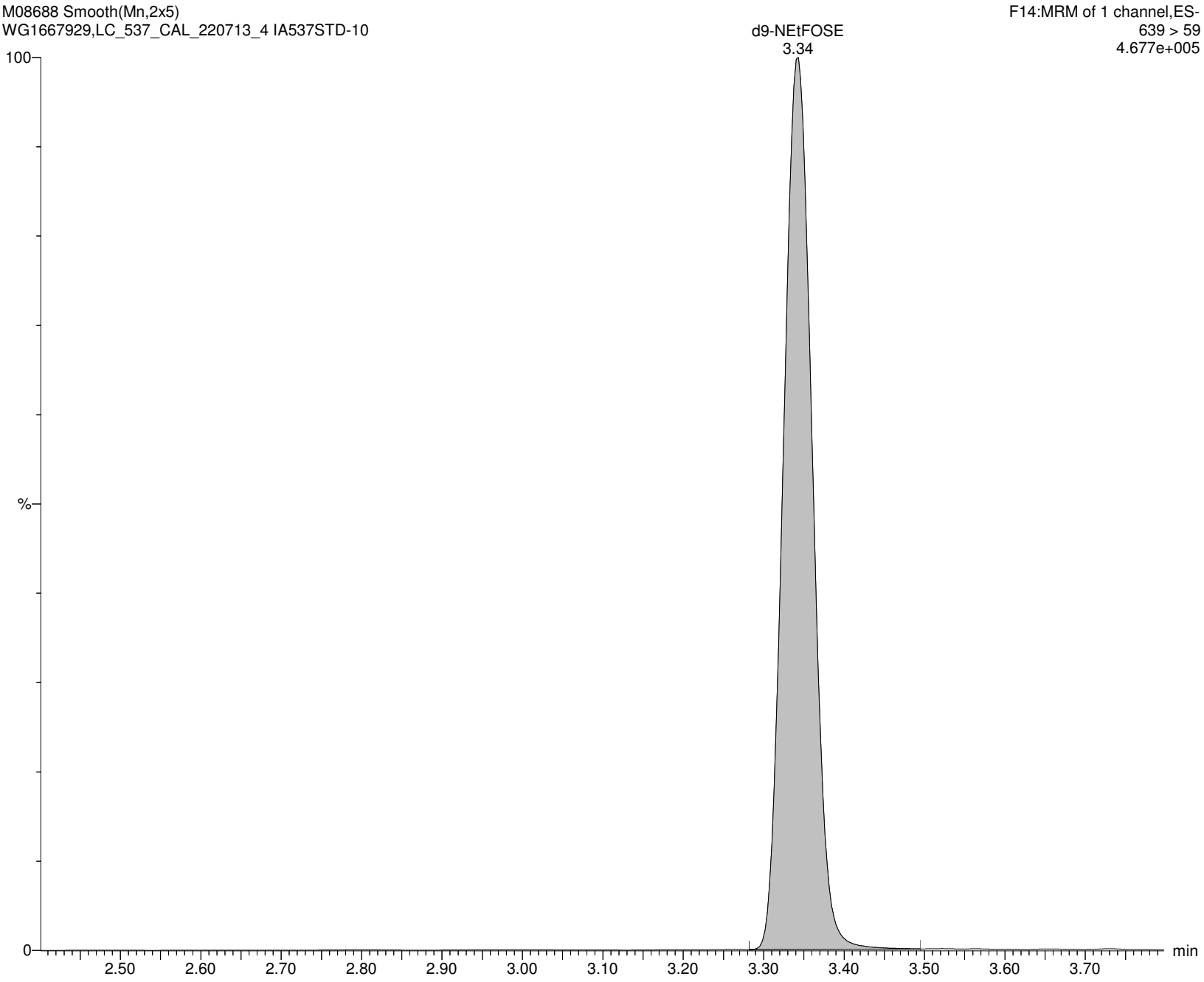


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:10 Eastern Daylight Time

Name: M08688
ID: IA537STD-10
Date: 27-Jul-2022
Time: 13:12:02
Description: WG1667929,LC_537_CAL_220713_4
User: LCMS01:RS
Vial: 1:B,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

d9-NEtFOSE



all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:10 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\MethDB\MeOH_FRAC_220727.mdb 27 Jul 2022 13:43:47
Calibration: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\CurveDB\220727_MEOH_ICAL.cdb 27 Jul 2022 13:45:01

ID: IA537STD-25
Name: M08689
Date: 27-Jul-2022
Time: 13:19:14
Description: WG1667929,LC_537_CAL_220713_5
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:RS
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	M5PFNA	INT STD	2.22	468 > 423	18853		10.094		na	100.9
2	M2-PFUDA	INT STD	2.82	565.1 > 520.1	18322		10.303		na	103.0
3	FOSA	754-91-6	2.81	497.989 > 78.245	37984		27.027	146.69	NO	108.1
4	M8FOSA	INT STD	2.81	506.053 > 78.286	12114		9.671		na	96.7
5	NMeFOSA		3.17	512.163 > 169.022	9569		25.829	1.79	NO	103.3
6	d3-NMeFOSA		3.17	515.183 > 169.022	38750		102.147		na	102.1
7	NEtFOSA		3.36	526.192 > 169.022	11988		25.619	6.71	NO	102.5
8	d5-NEtFOSA		3.35	531.224 > 169.022	44283		103.022		na	103.0
9	NMeFOSE		3.18	616 > 59	21405		25.314		na	101.3
10	d7-NMeFOSE		3.16	623 > 59	19293		99.475		na	99.5
11	NEtFOSE		3.35	630 > 59	21030		25.120		na	100.5
12	d9-NEtFOSE		3.34	639 > 59	20828		99.927		na	99.9

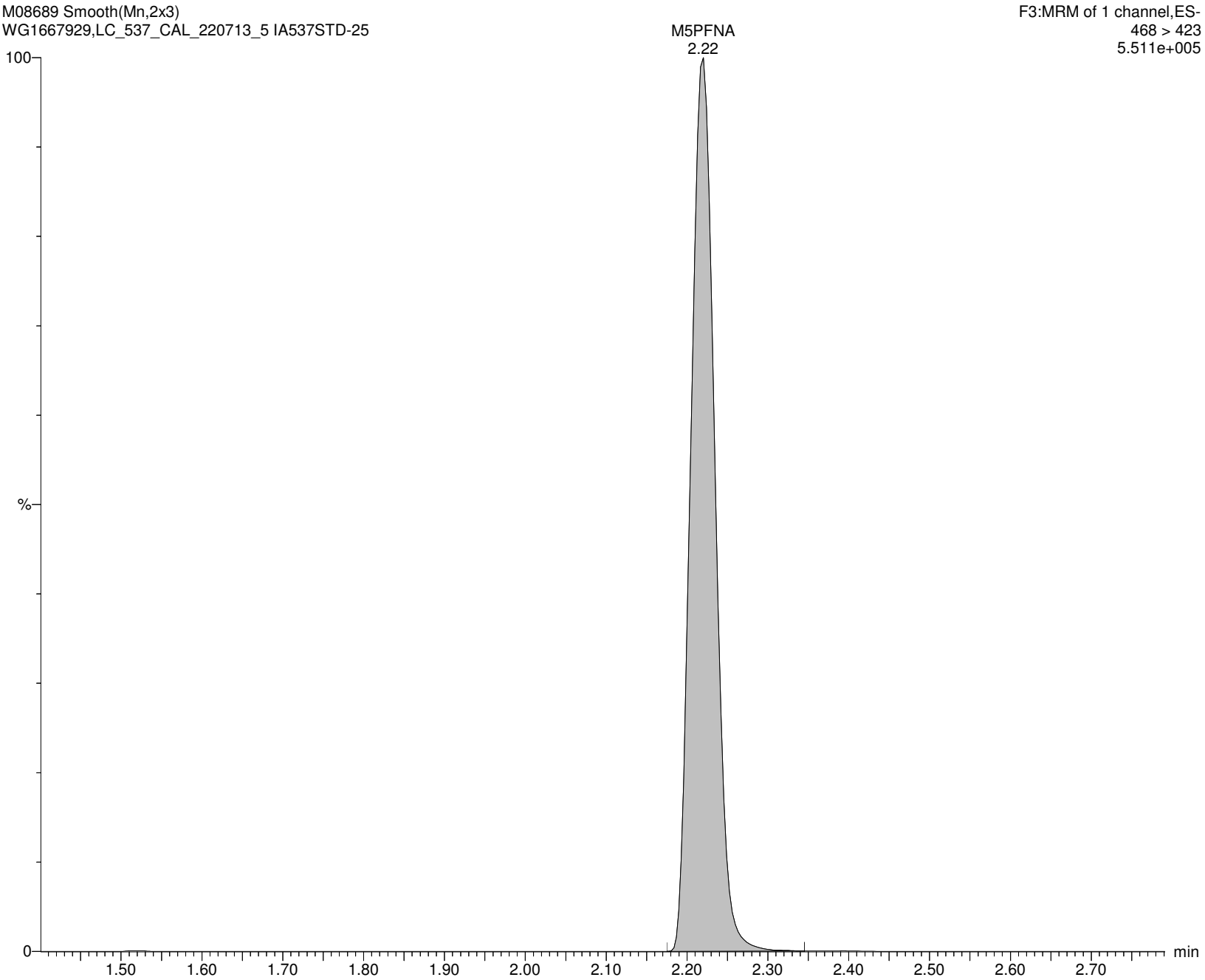
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:10 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\MethDB\MeOH_FRAC_220727.mdb 27 Jul 2022 13:43:47
Calibration: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\CurveDB\220727_MEOH_ICAL.cdb 27 Jul 2022 13:45:01

Name: M08689
ID: IA537STD-25
Date: 27-Jul-2022
Time: 13:19:14
Description: WG1667929,LC_537_CAL_220713_5
User: LCMS01:RS
Vial: 1:B,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

M5PFNA

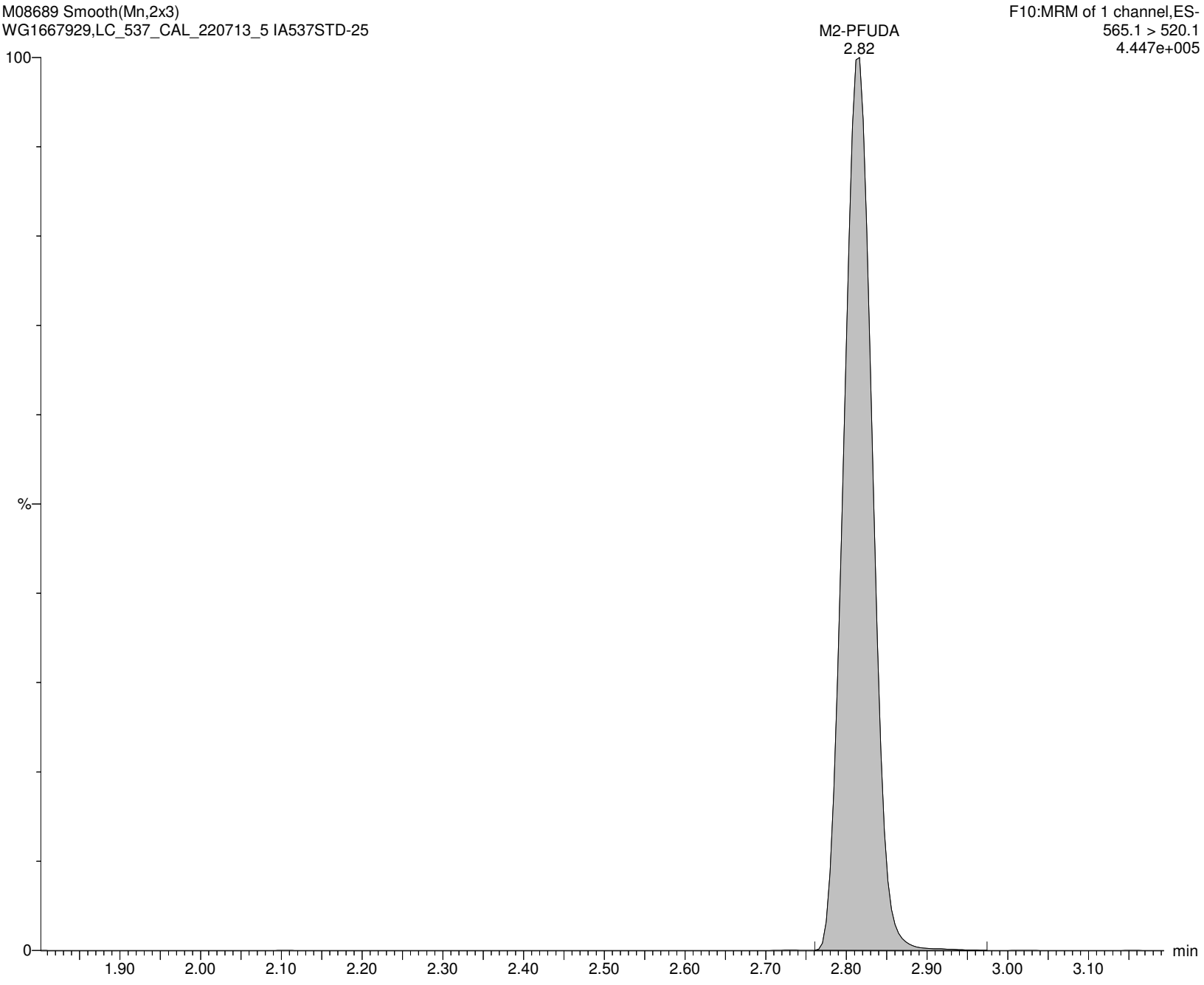


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:10 Eastern Daylight Time

Name: M08689
ID: IA537STD-25
Date: 27-Jul-2022
Time: 13:19:14
Description: WG1667929,LC_537_CAL_220713_5
User: LCMS01:RS
Vial: 1:B,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

M2-PFUDA

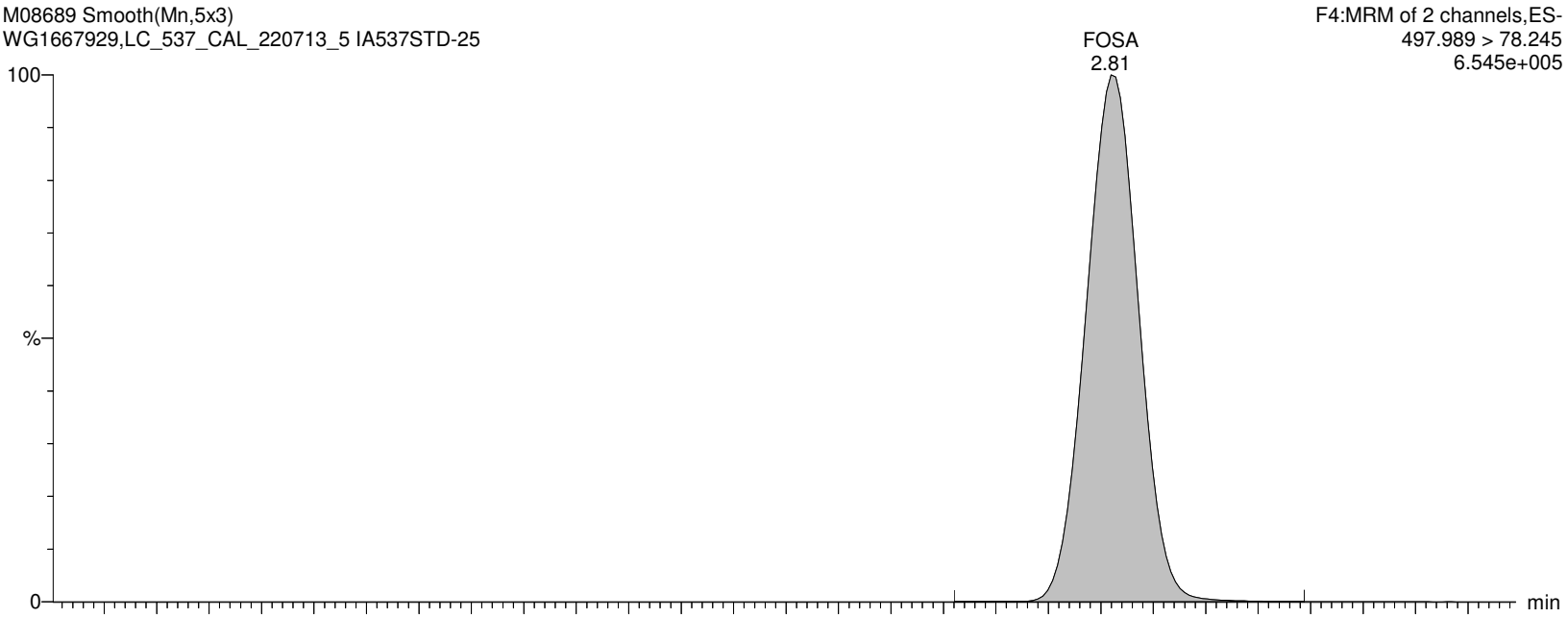


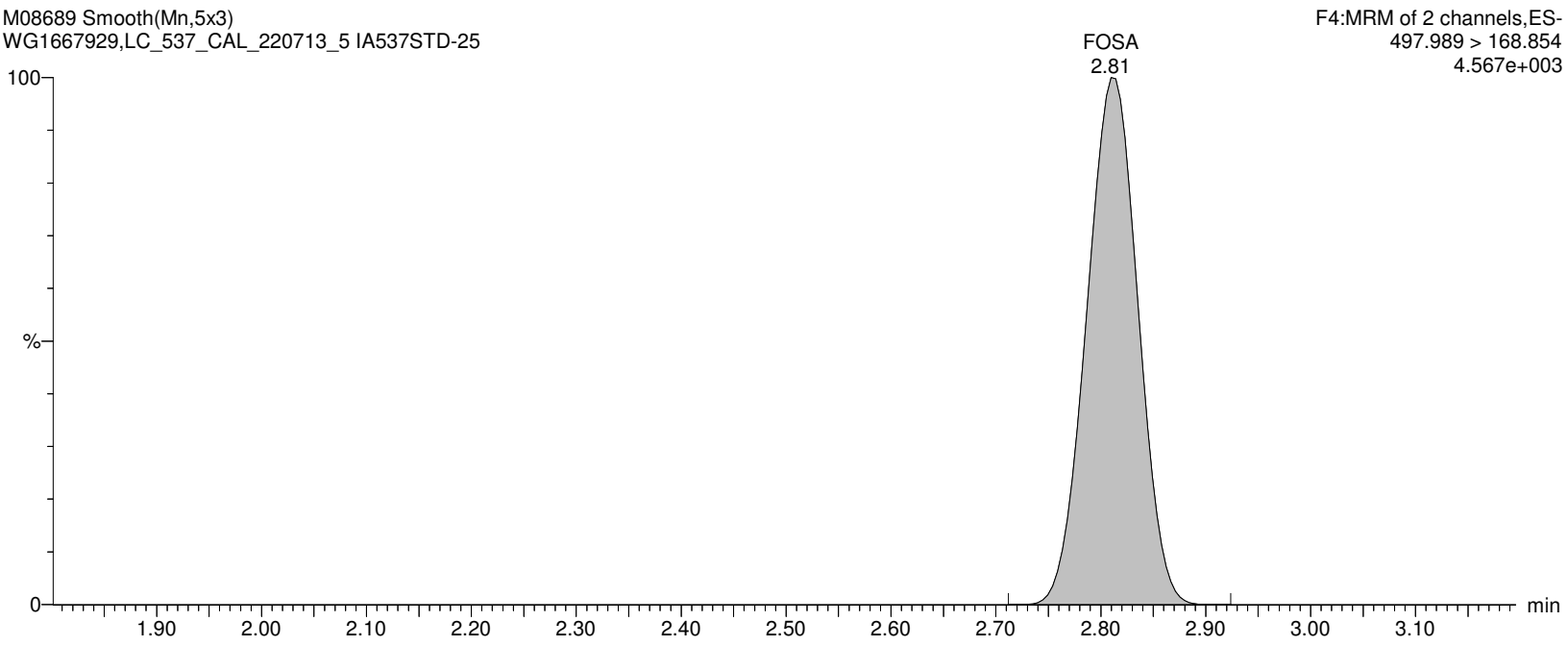
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:10 Eastern Daylight Time

Name: M08689
ID: IA537STD-25
Date: 27-Jul-2022
Time: 13:19:14
Description: WG1667929,LC_537_CAL_220713_5
User: LCMS01:RS
Vial: 1:B,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

FOSA



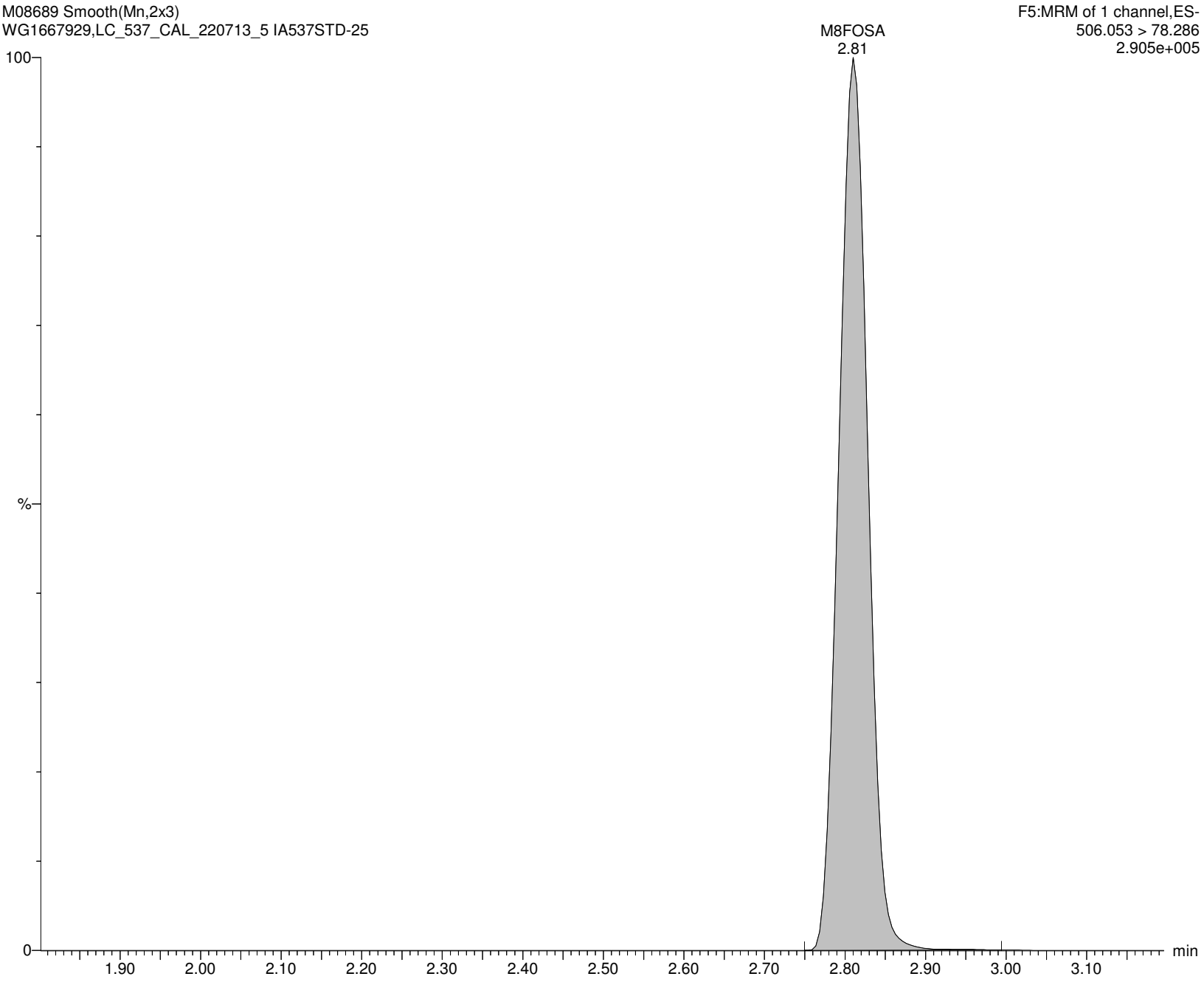


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:10 Eastern Daylight Time

Name: M08689
ID: IA537STD-25
Date: 27-Jul-2022
Time: 13:19:14
Description: WG1667929,LC_537_CAL_220713_5
User: LCMS01:RS
Vial: 1:B,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

M8FOSA

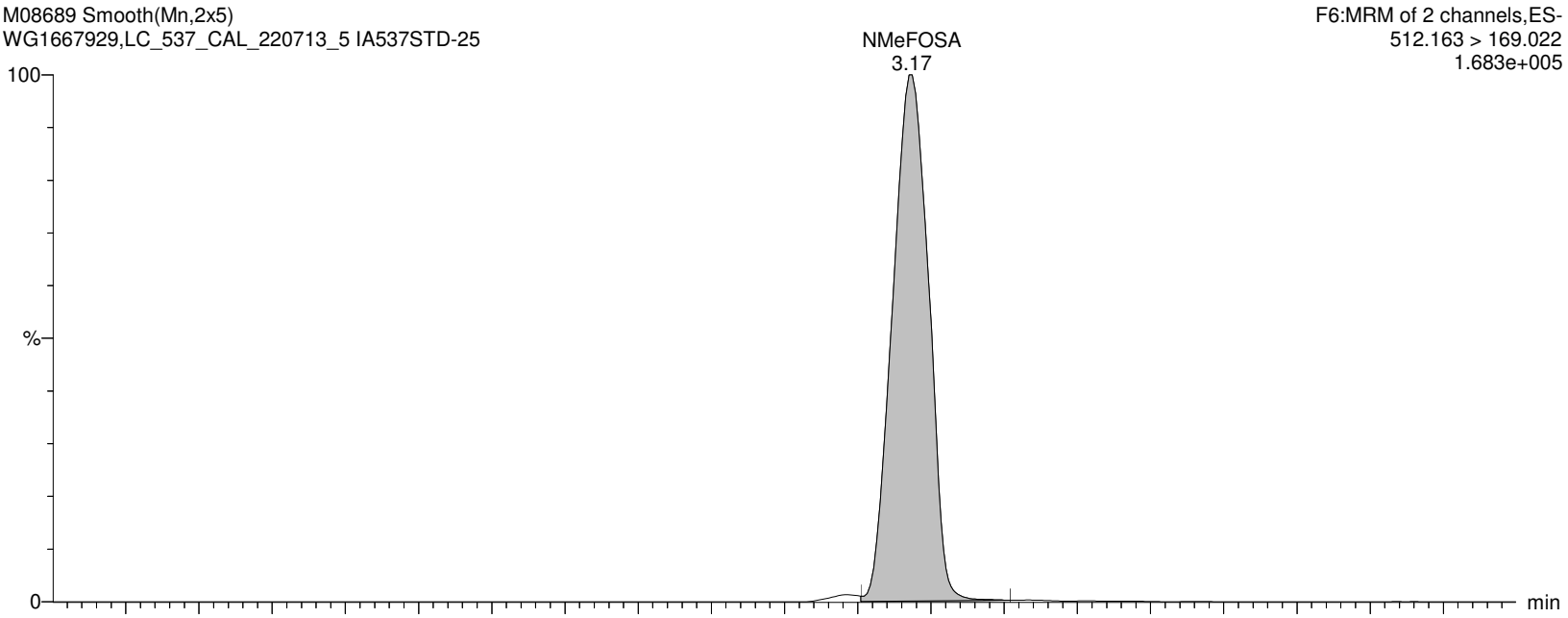


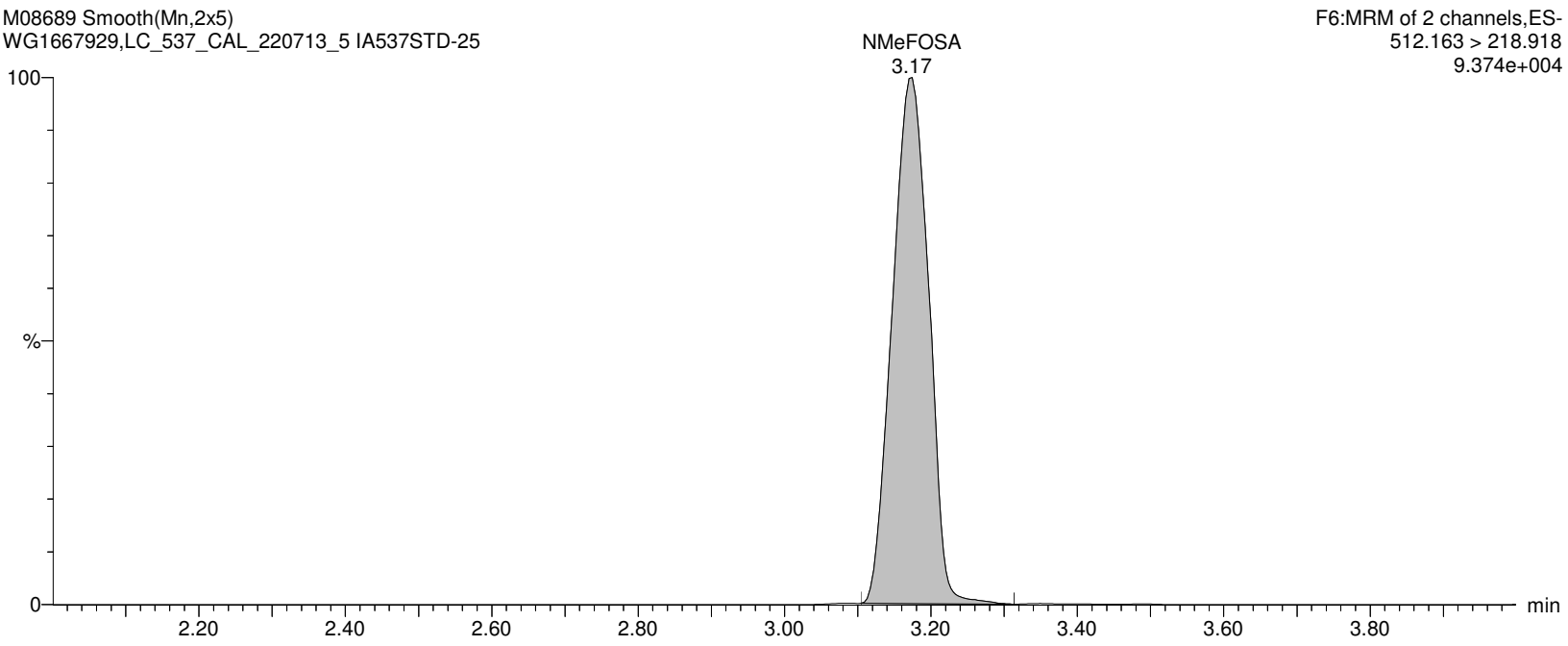
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:10 Eastern Daylight Time

Name: M08689
ID: IA537STD-25
Date: 27-Jul-2022
Time: 13:19:14
Description: WG1667929,LC_537_CAL_220713_5
User: LCMS01:RS
Vial: 1:B,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

NMeFOSA



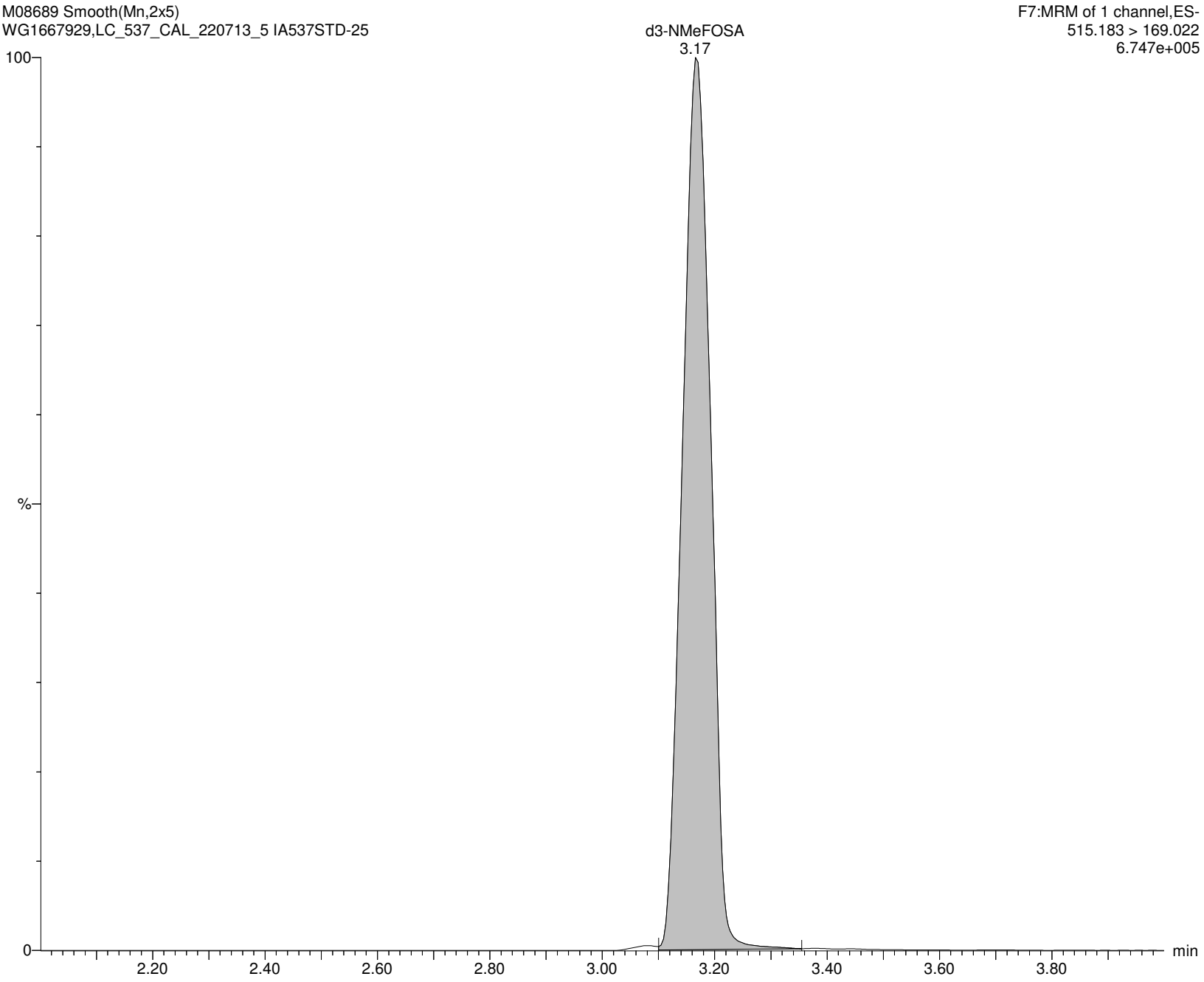


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:10 Eastern Daylight Time

Name: M08689
ID: IA537STD-25
Date: 27-Jul-2022
Time: 13:19:14
Description: WG1667929,LC_537_CAL_220713_5
User: LCMS01:RS
Vial: 1:B,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

d3-NMeFOSA

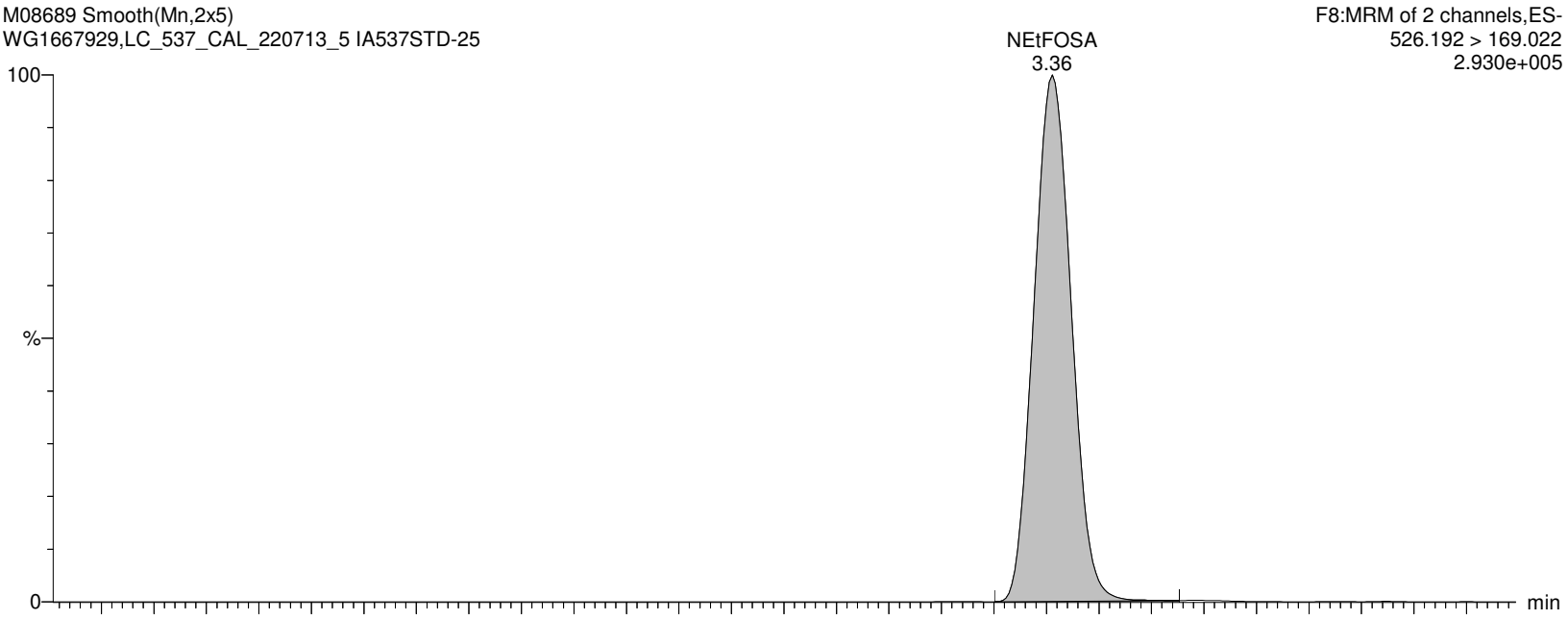


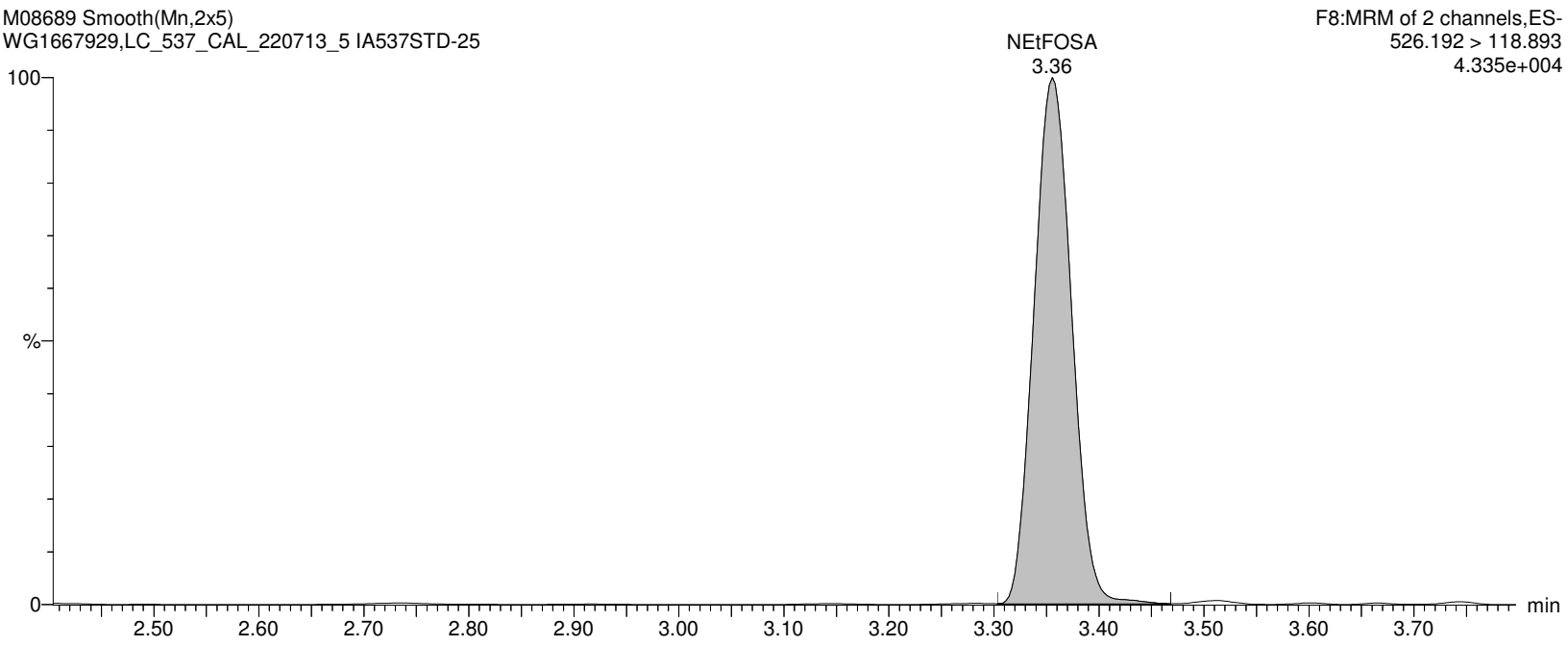
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:10 Eastern Daylight Time

Name: M08689
ID: IA537STD-25
Date: 27-Jul-2022
Time: 13:19:14
Description: WG1667929,LC_537_CAL_220713_5
User: LCMS01:RS
Vial: 1:B,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

NEtFOSA



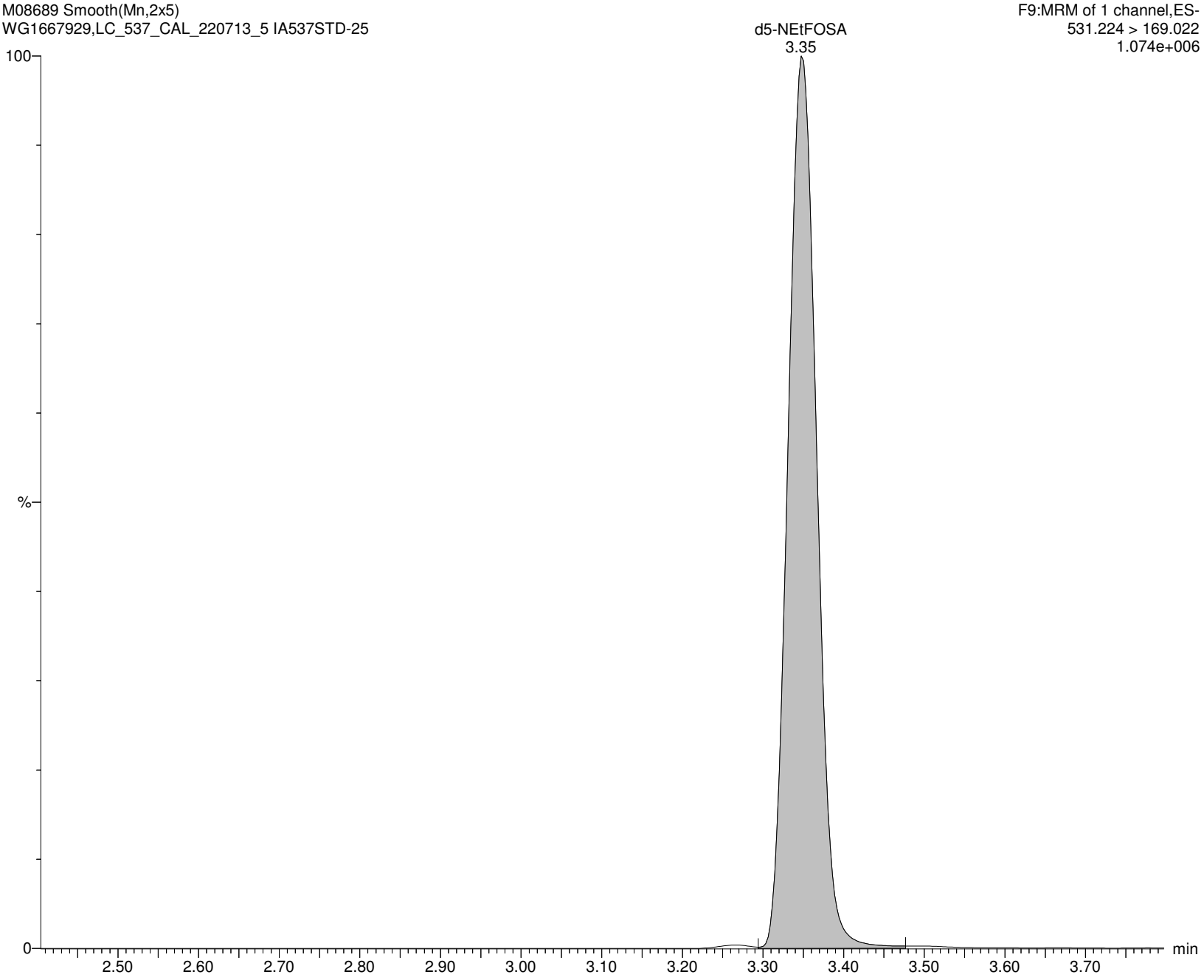


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:10 Eastern Daylight Time

Name: M08689
ID: IA537STD-25
Date: 27-Jul-2022
Time: 13:19:14
Description: WG1667929,LC_537_CAL_220713_5
User: LCMS01:RS
Vial: 1:B,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

d5-NEtFOSA

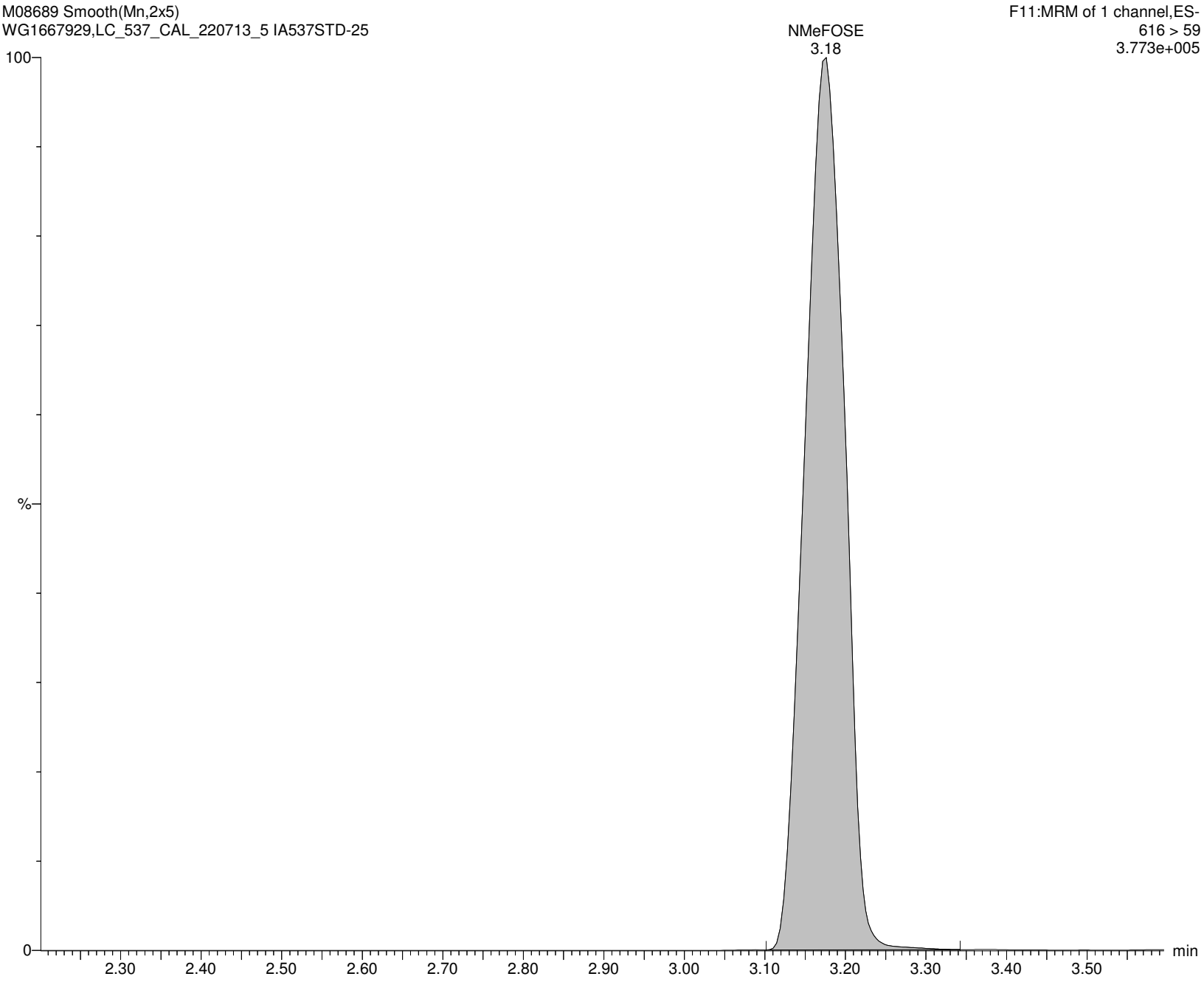


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:10 Eastern Daylight Time

Name: M08689
ID: IA537STD-25
Date: 27-Jul-2022
Time: 13:19:14
Description: WG1667929,LC_537_CAL_220713_5
User: LCMS01:RS
Vial: 1:B,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

NMeFOSE

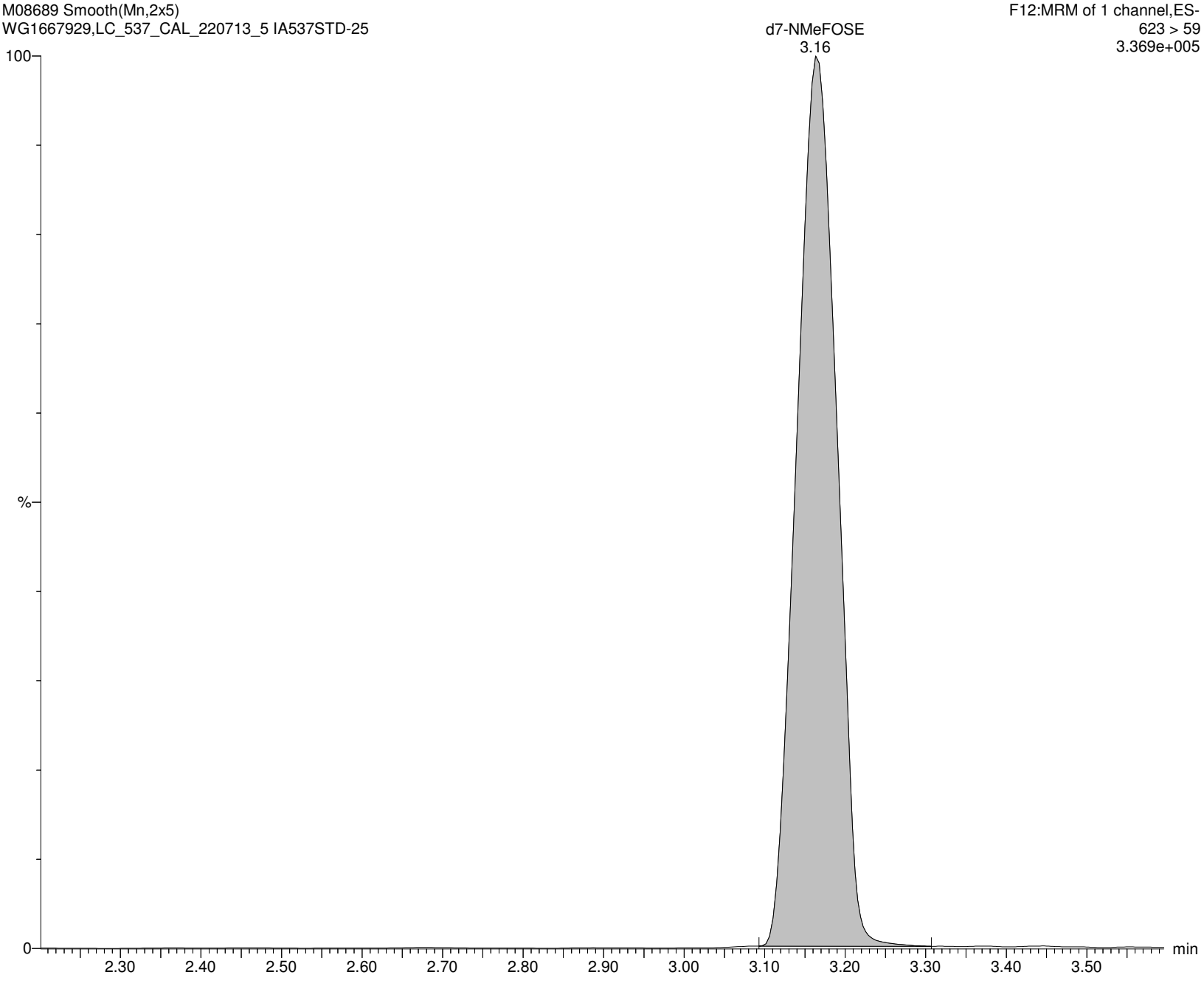


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:10 Eastern Daylight Time

Name: M08689
ID: IA537STD-25
Date: 27-Jul-2022
Time: 13:19:14
Description: WG1667929,LC_537_CAL_220713_5
User: LCMS01:RS
Vial: 1:B,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

d7-NMeFOSE

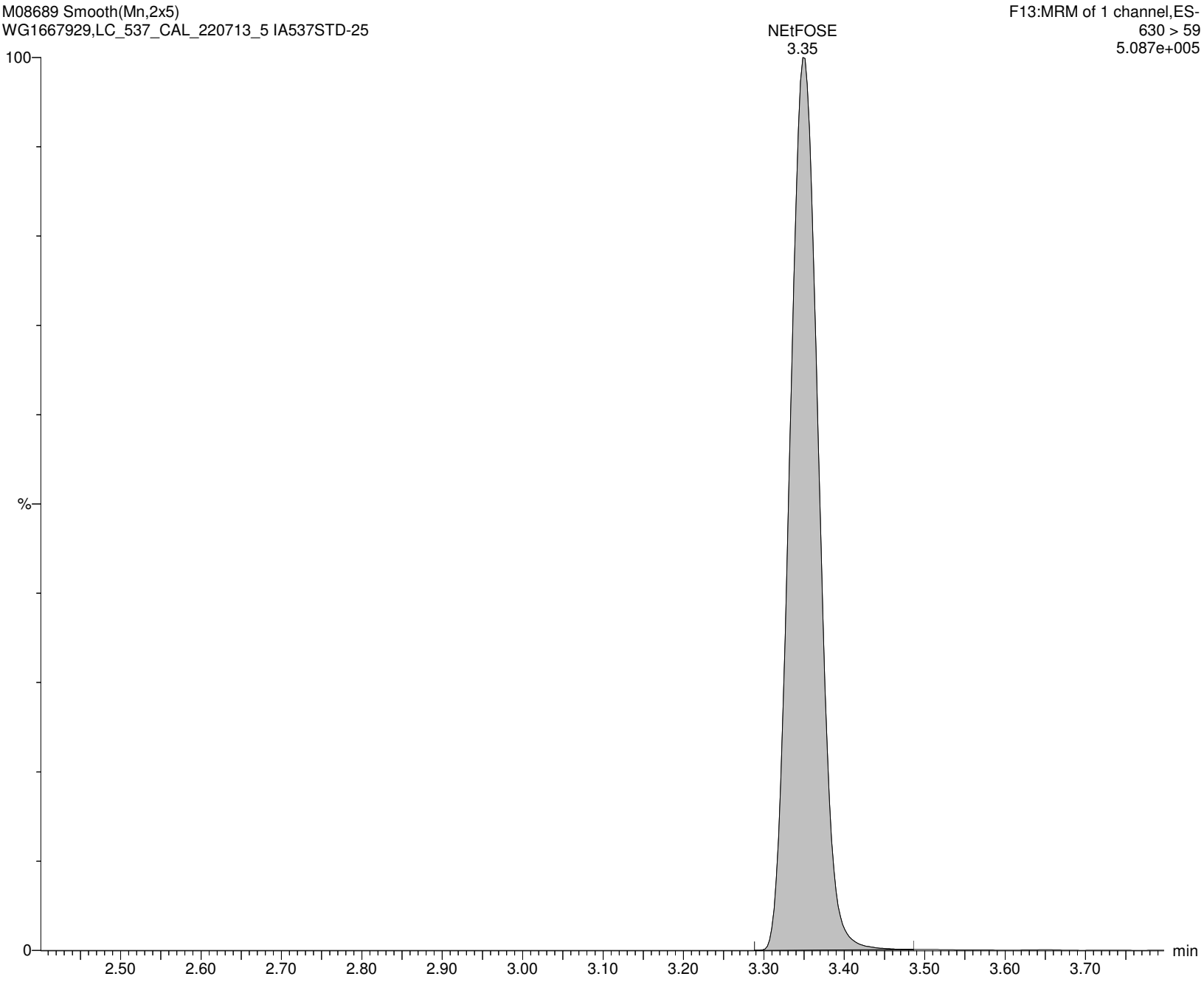


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:10 Eastern Daylight Time

Name: M08689
ID: IA537STD-25
Date: 27-Jul-2022
Time: 13:19:14
Description: WG1667929,LC_537_CAL_220713_5
User: LCMS01:RS
Vial: 1:B,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

NEtFOSE

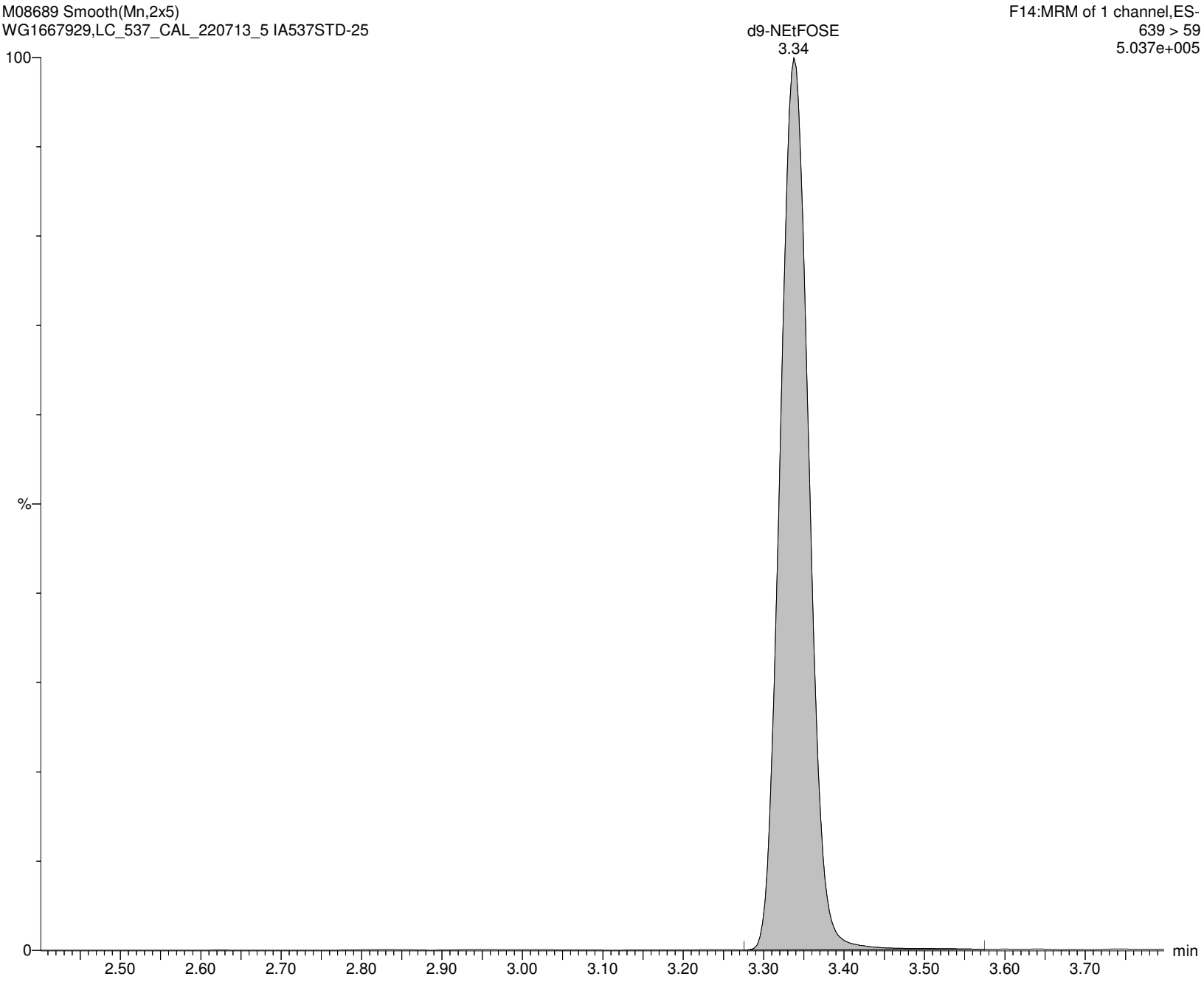


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:10 Eastern Daylight Time

Name: M08689
ID: IA537STD-25
Date: 27-Jul-2022
Time: 13:19:14
Description: WG1667929,LC_537_CAL_220713_5
User: LCMS01:RS
Vial: 1:B,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

d9-NEtFOSE



all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:11 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\MethDB\MeOH_FRAC_220727.mdb 27 Jul 2022 13:43:47
Calibration: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\CurveDB\220727_MEOH_ICAL.cdb 27 Jul 2022 13:45:01

ID: IA537STD-100
Name: M08690
Date: 27-Jul-2022
Time: 13:26:27
Description: WG1667929,LC_537_CAL_220713_6
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:RS
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	M5PFNA	INT STD	2.22	468 > 423	18837		10.085		na	100.9
2	M2-PFUDA	INT STD	2.81	565.1 > 520.1	17849		10.037		na	100.4
3	FOSA	754-91-6	2.81	497.989 > 78.245	142452		101.767	176.52	NO	101.8
4	M8FOSA	INT STD	2.81	506.053 > 78.286	12065		9.641		na	96.4
5	NMeFOSA		3.17	512.163 > 169.022	35900		98.780	1.75	NO	98.8
6	d3-NMeFOSA		3.17	515.183 > 169.022	37791		99.702		na	99.7
7	NEtFOSA		3.35	526.192 > 169.022	44767		97.546	6.96	NO	97.5
8	d5-NEtFOSA		3.34	531.224 > 169.022	43097		100.349		na	100.3
9	NMeFOSE		3.17	616 > 59	80942		98.576		na	98.6
10	d7-NMeFOSE		3.16	623 > 59	19012		98.107		na	98.1
11	NEtFOSE		3.35	630 > 59	79650		98.530		na	98.5
12	d9-NEtFOSE		3.33	639 > 59	20631		99.067		na	99.1

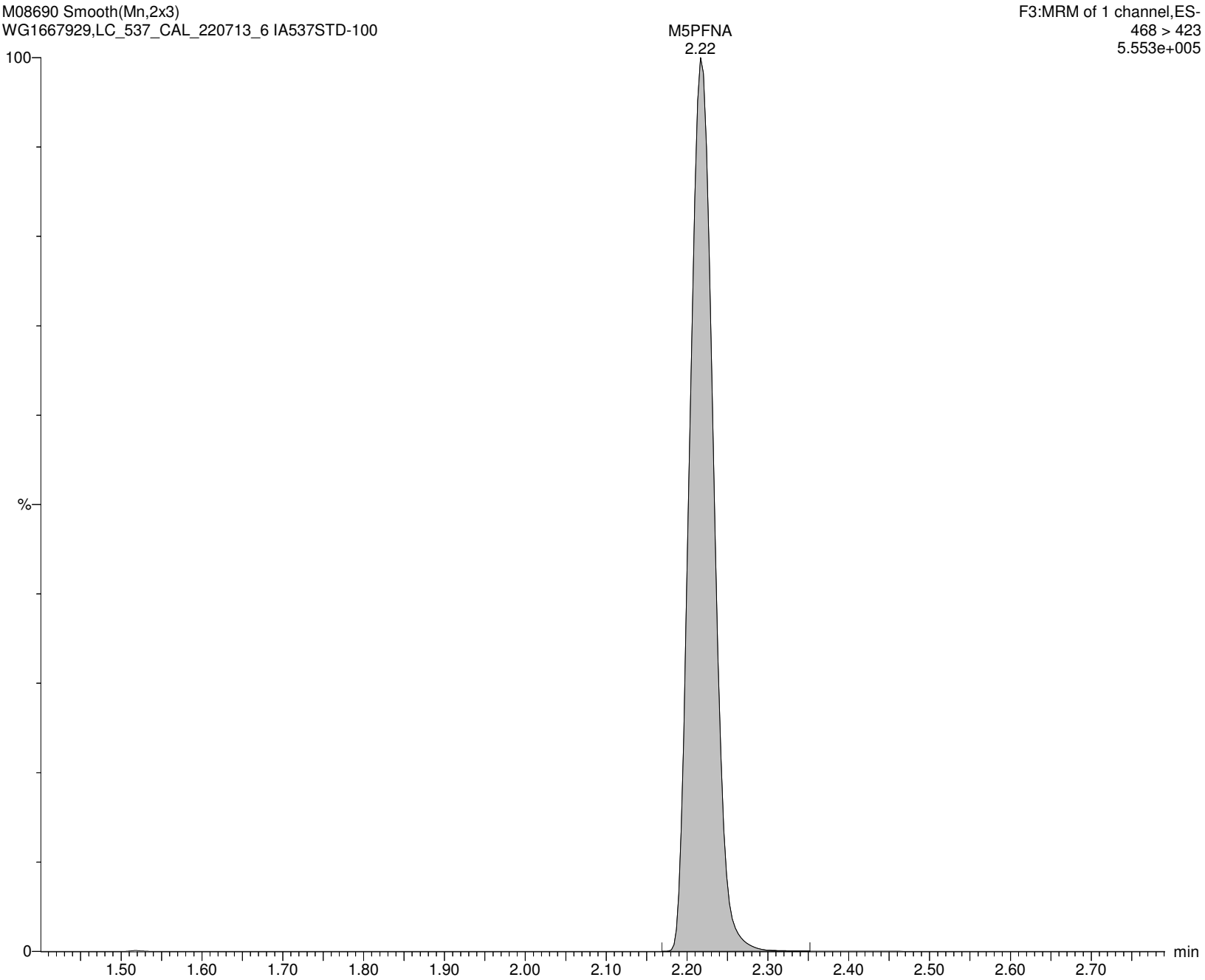
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:11 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\MethDB\MeOH_FRAC_220727.mdb 27 Jul 2022 13:43:47
Calibration: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\CurveDB\220727_MEOH_ICAL.cdb 27 Jul 2022 13:45:01

Name: M08690
ID: IA537STD-100
Date: 27-Jul-2022
Time: 13:26:27
Description: WG1667929,LC_537_CAL_220713_6
User: LCMS01:RS
Vial: 1:B,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

M5PFNA

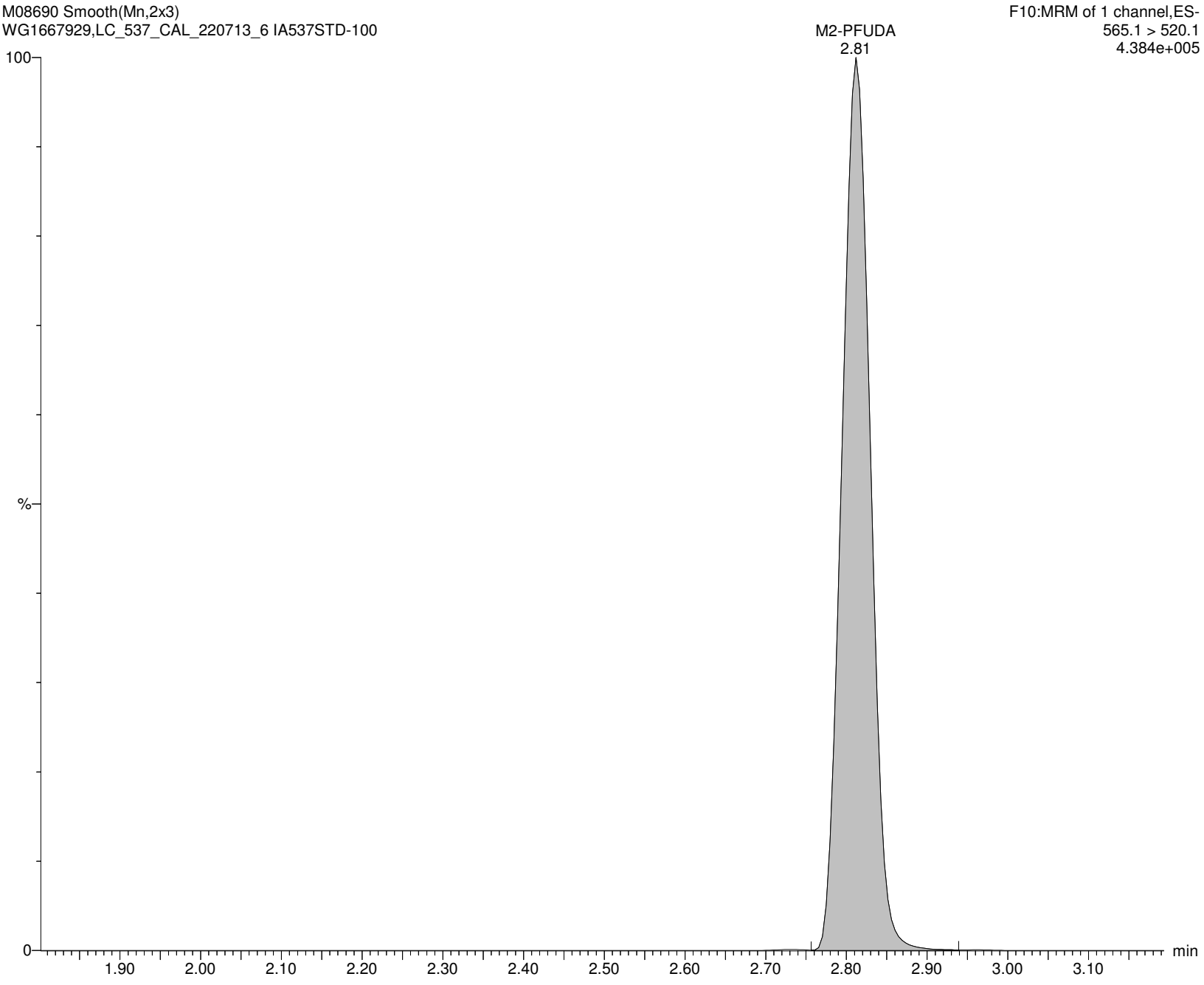


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:11 Eastern Daylight Time

Name: M08690
ID: IA537STD-100
Date: 27-Jul-2022
Time: 13:26:27
Description: WG1667929,LC_537_CAL_220713_6
User: LCMS01:RS
Vial: 1:B,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

M2-PFUDA

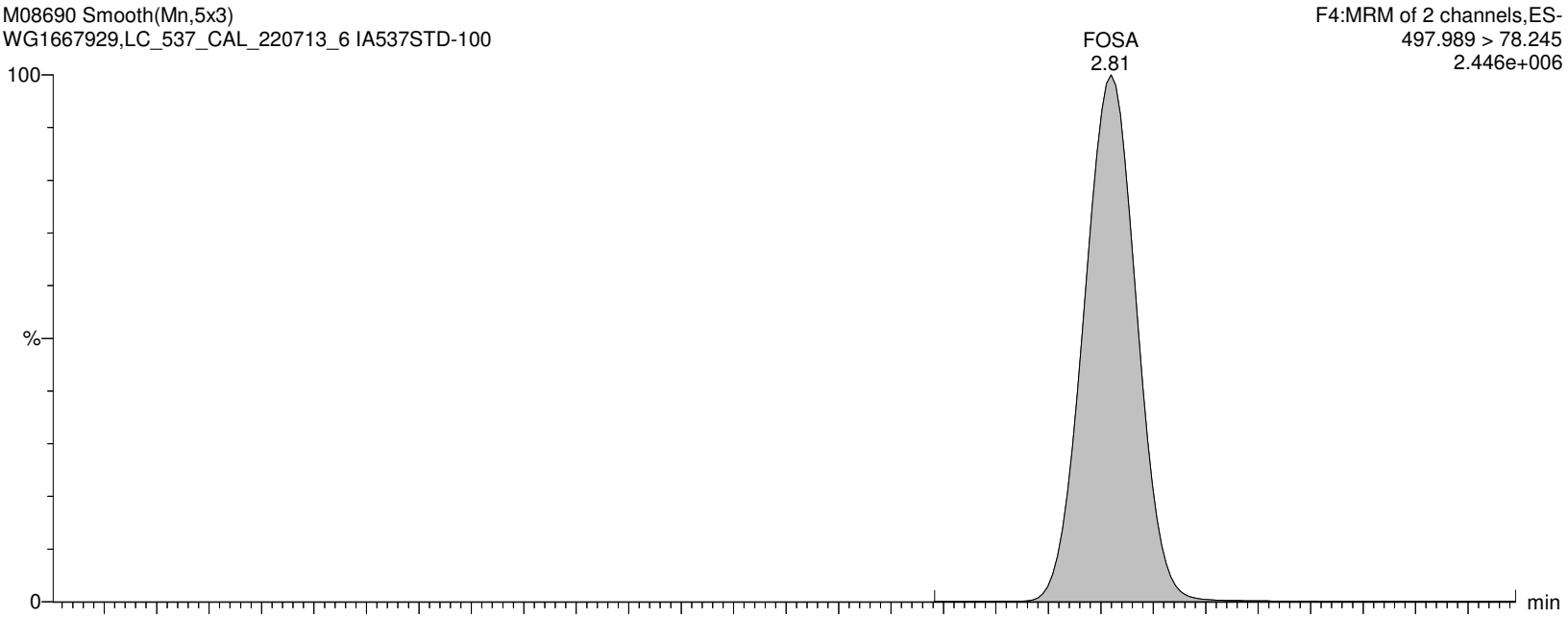


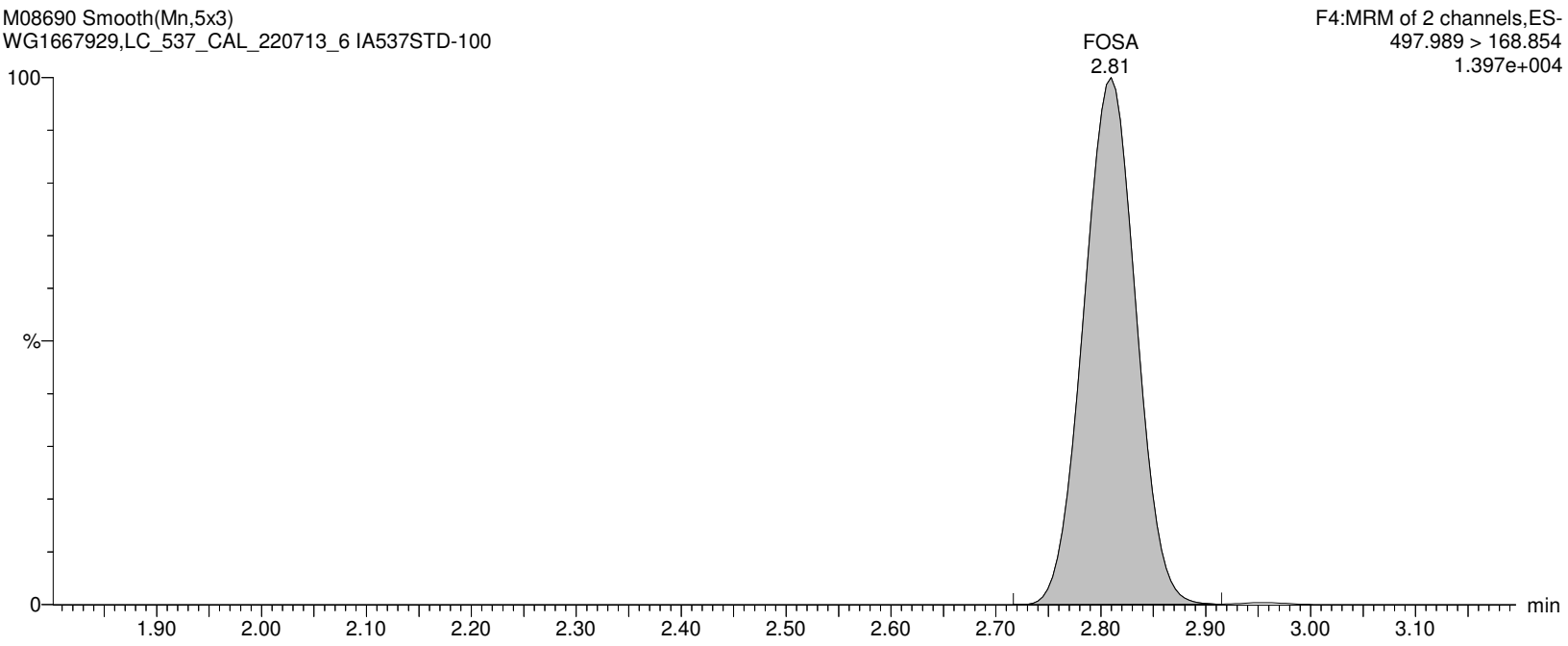
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:11 Eastern Daylight Time

Name: M08690
ID: IA537STD-100
Date: 27-Jul-2022
Time: 13:26:27
Description: WG1667929,LC_537_CAL_220713_6
User: LCMS01:RS
Vial: 1:B,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

FOSA



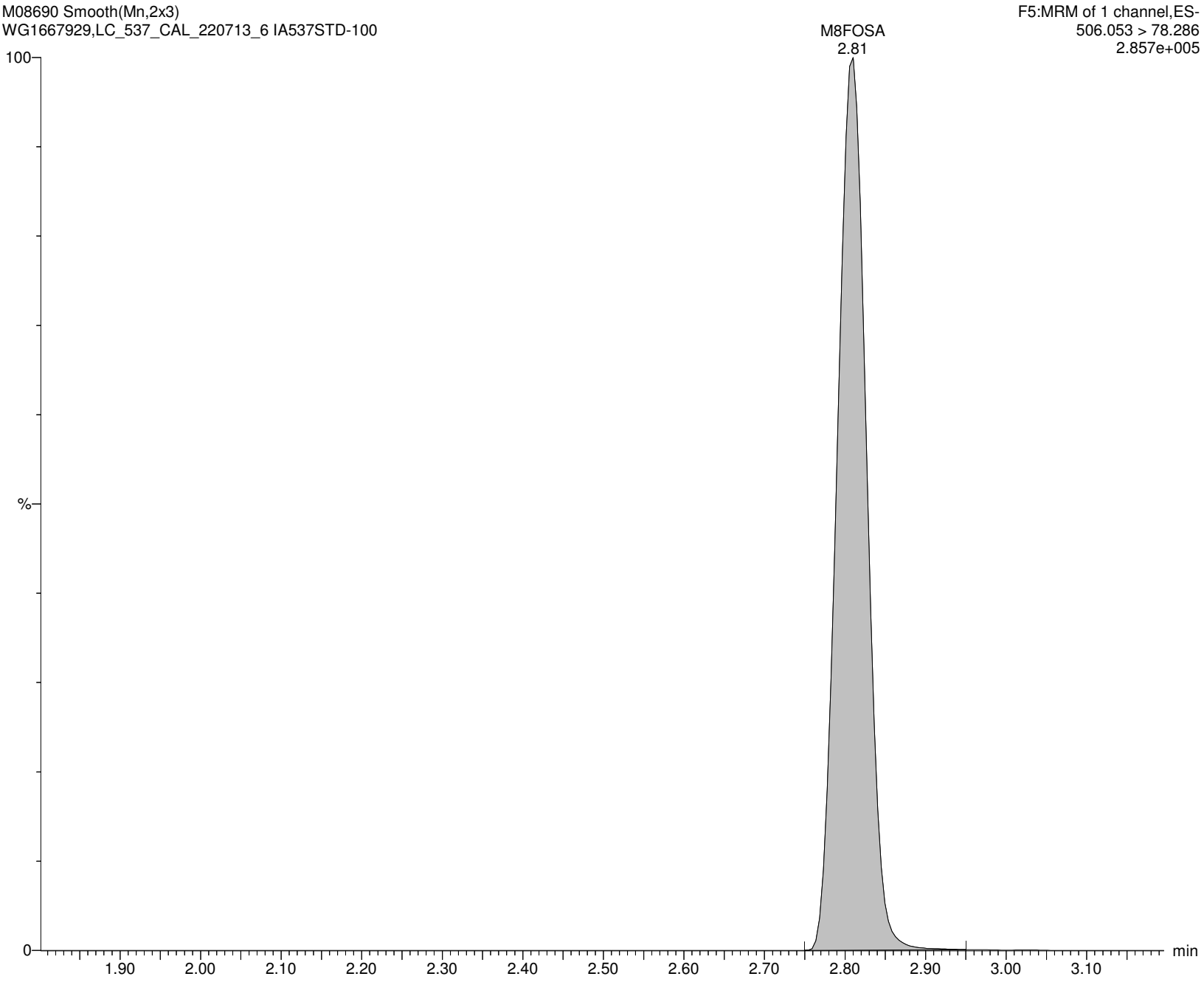


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:11 Eastern Daylight Time

Name: M08690
ID: IA537STD-100
Date: 27-Jul-2022
Time: 13:26:27
Description: WG1667929,LC_537_CAL_220713_6
User: LCMS01:RS
Vial: 1:B,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

M8FOSA

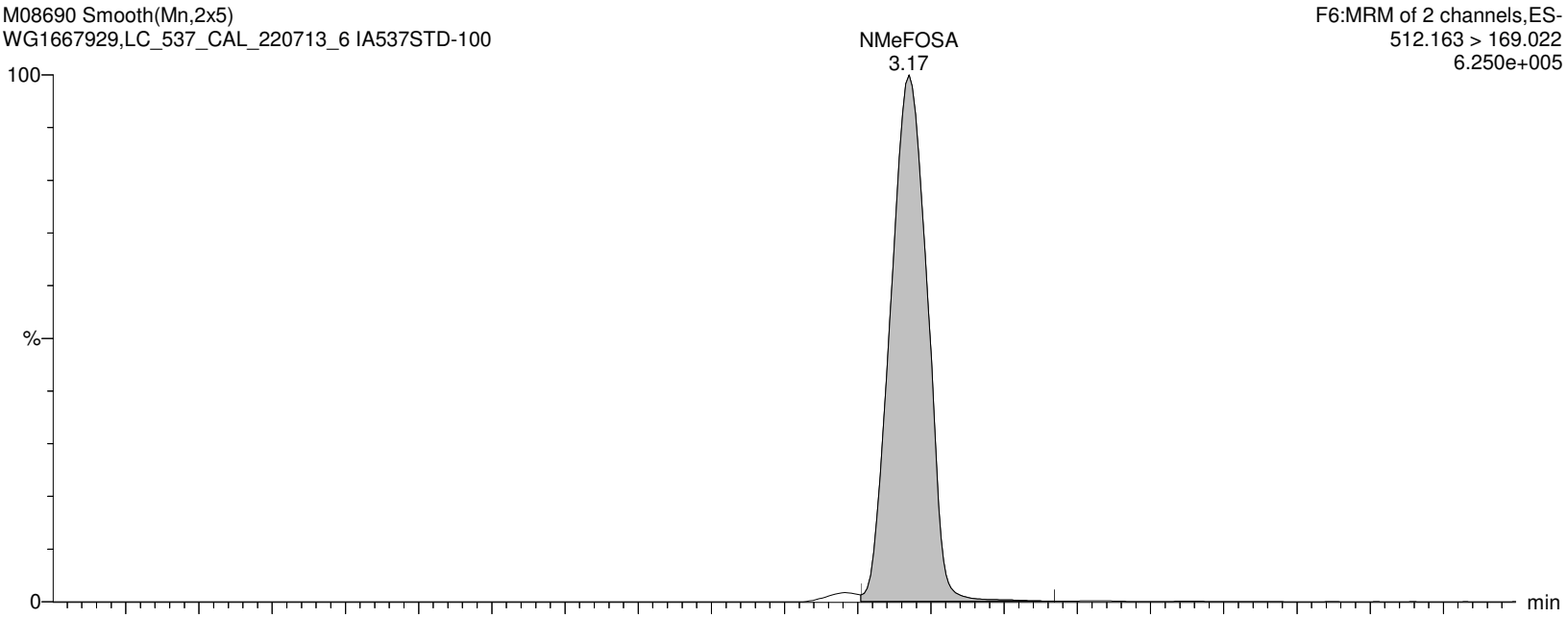


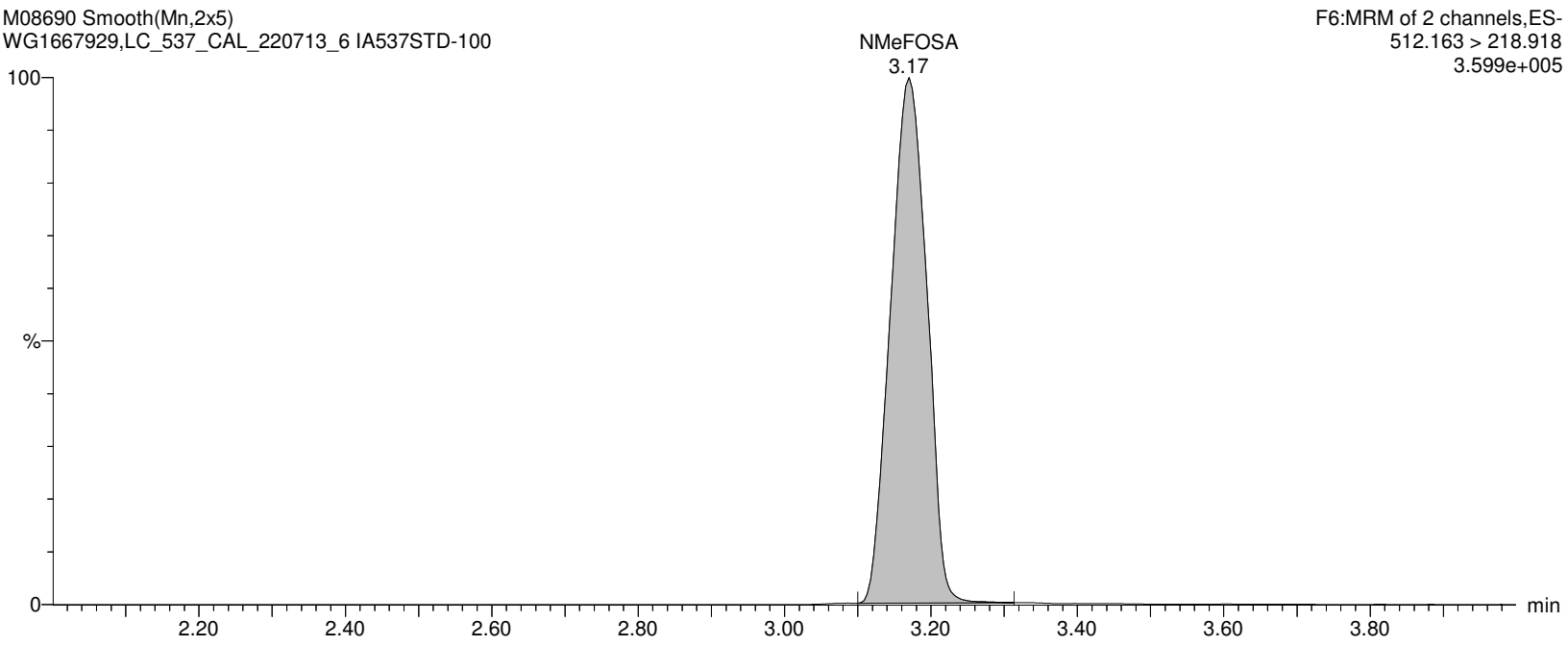
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:11 Eastern Daylight Time

Name: M08690
ID: IA537STD-100
Date: 27-Jul-2022
Time: 13:26:27
Description: WG1667929,LC_537_CAL_220713_6
User: LCMS01:RS
Vial: 1:B,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

NMeFOSA



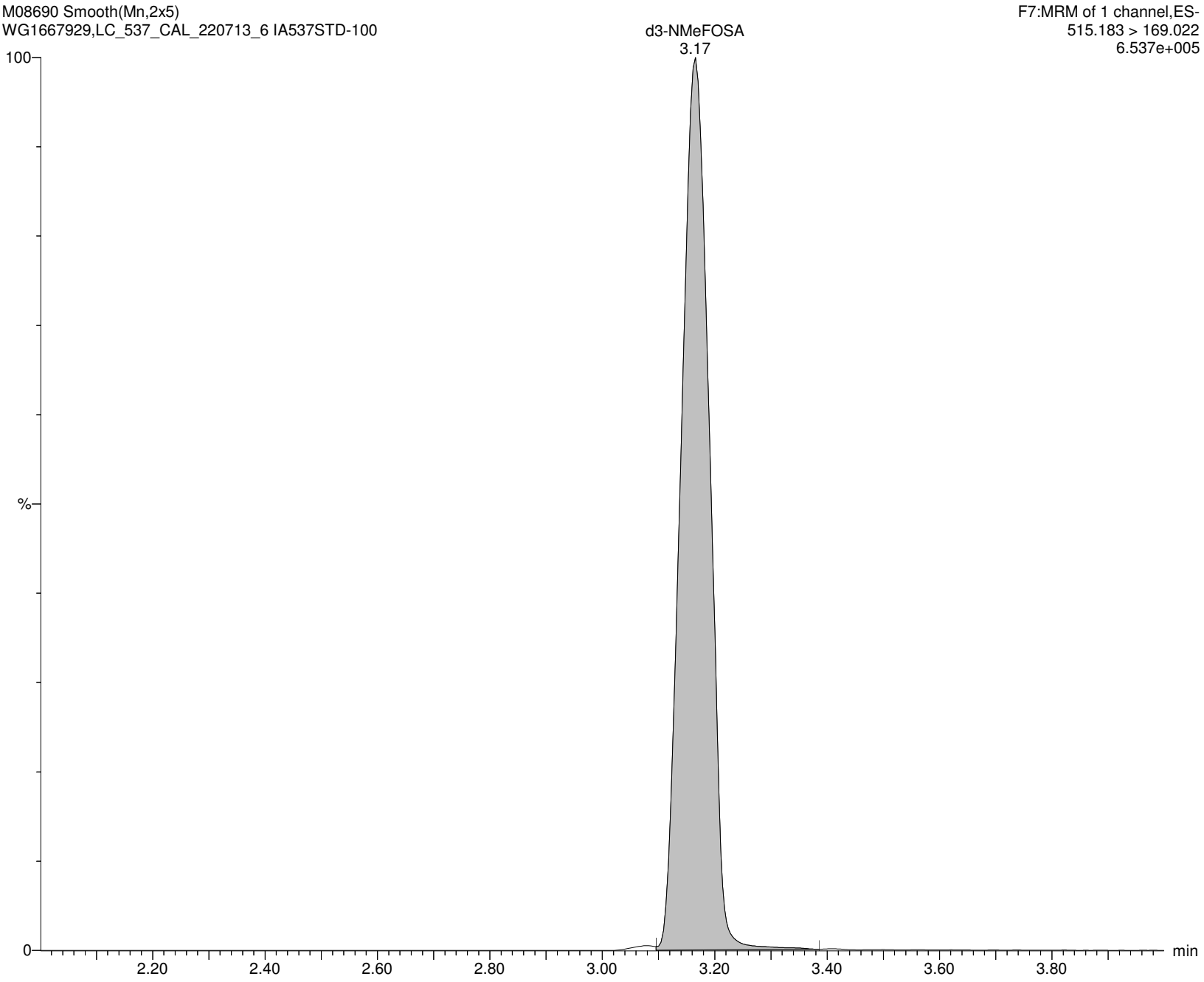


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:11 Eastern Daylight Time

Name: M08690
ID: IA537STD-100
Date: 27-Jul-2022
Time: 13:26:27
Description: WG1667929,LC_537_CAL_220713_6
User: LCMS01:RS
Vial: 1:B,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

d3-NMeFOSA

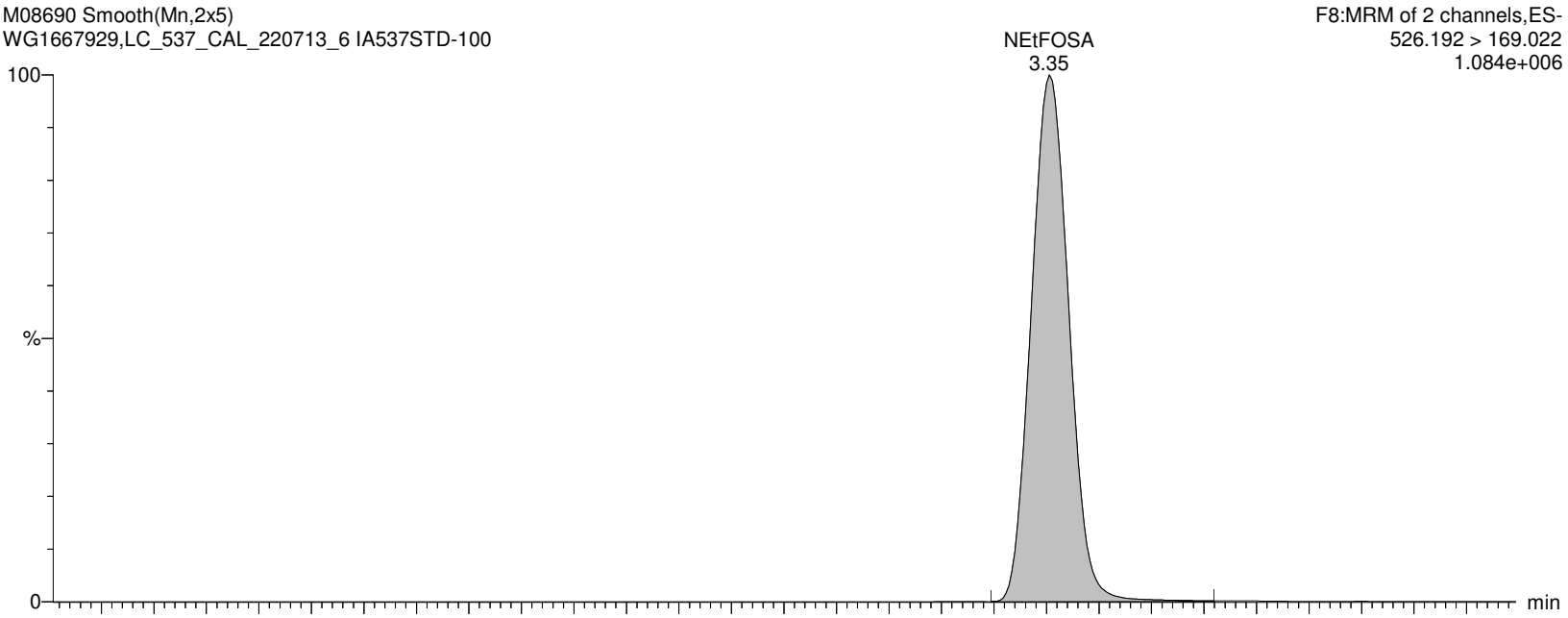


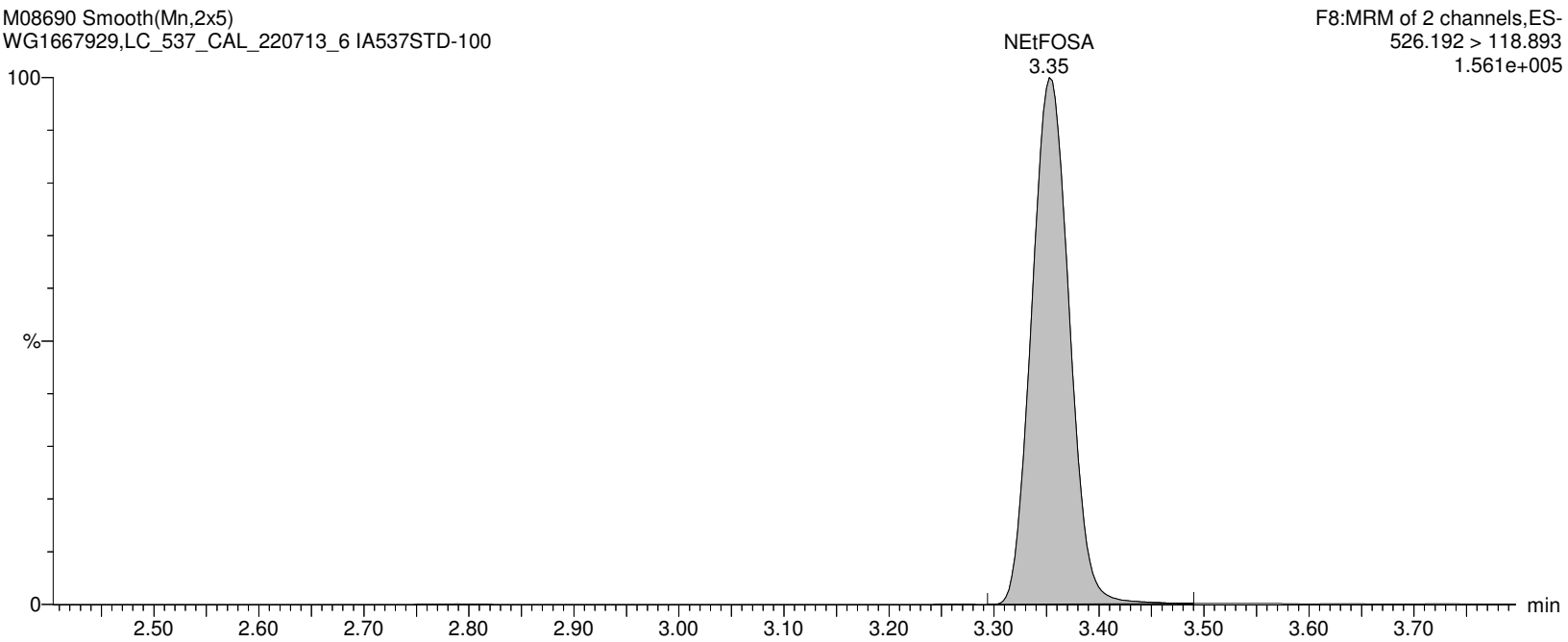
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:11 Eastern Daylight Time

Name: M08690
ID: IA537STD-100
Date: 27-Jul-2022
Time: 13:26:27
Description: WG1667929,LC_537_CAL_220713_6
User: LCMS01:RS
Vial: 1:B,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

NEtFOSA



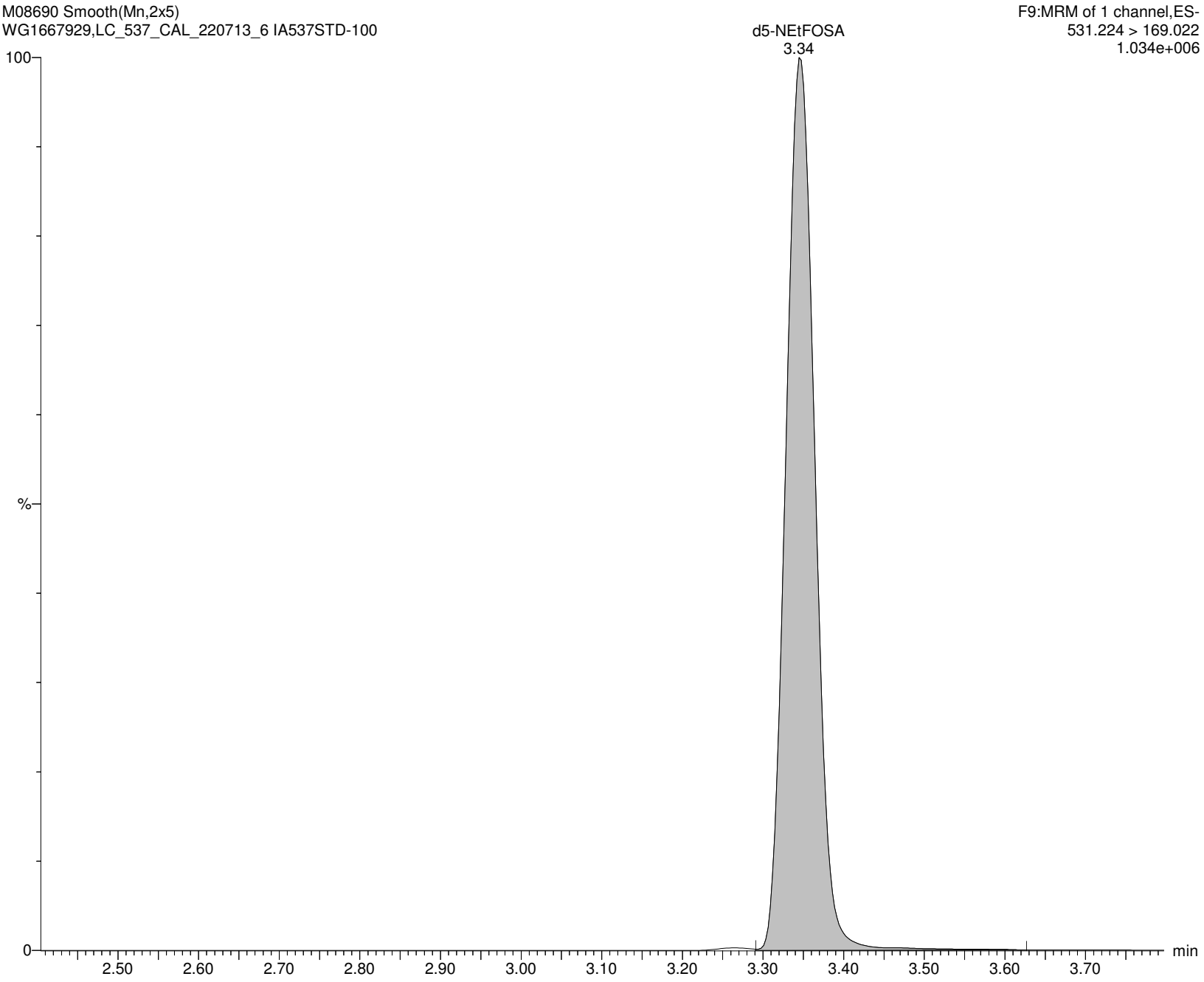


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:11 Eastern Daylight Time

Name: M08690
ID: IA537STD-100
Date: 27-Jul-2022
Time: 13:26:27
Description: WG1667929,LC_537_CAL_220713_6
User: LCMS01:RS
Vial: 1:B,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

d5-NEtFOSA

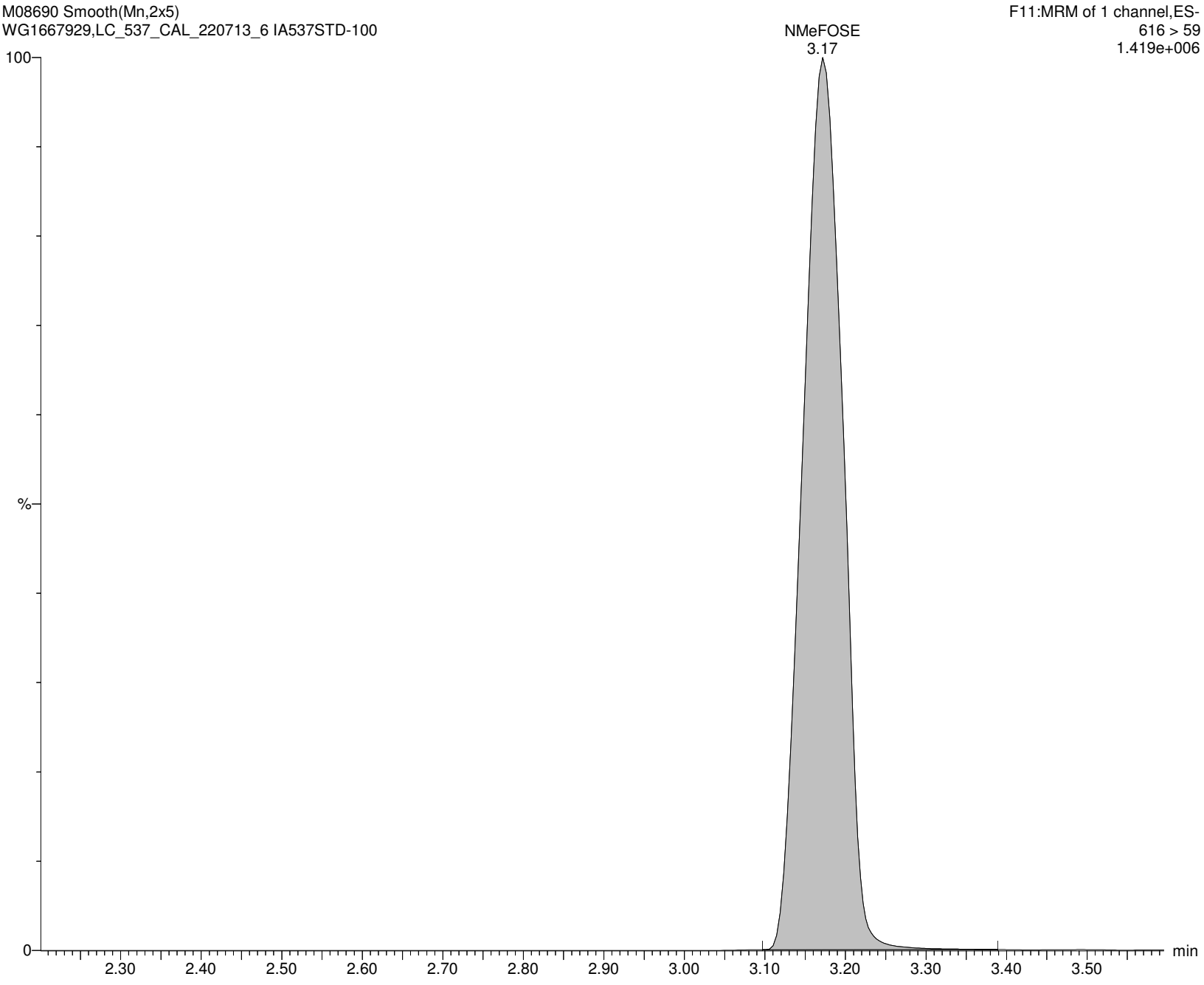


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:11 Eastern Daylight Time

Name: M08690
ID: IA537STD-100
Date: 27-Jul-2022
Time: 13:26:27
Description: WG1667929,LC_537_CAL_220713_6
User: LCMS01:RS
Vial: 1:B,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

NMeFOSE

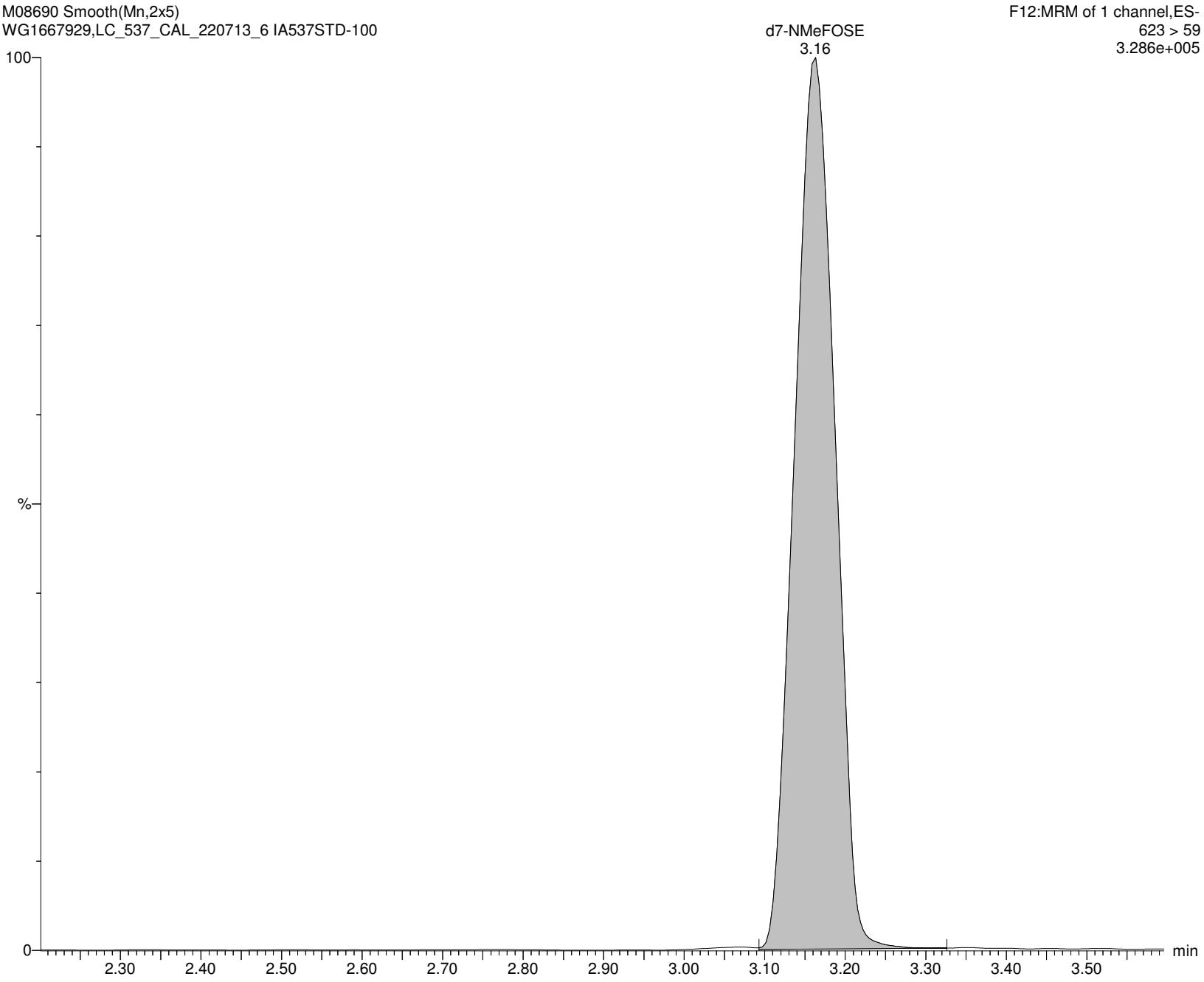


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:11 Eastern Daylight Time

Name: M08690
ID: IA537STD-100
Date: 27-Jul-2022
Time: 13:26:27
Description: WG1667929,LC_537_CAL_220713_6
User: LCMS01:RS
Vial: 1:B,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

d7-NMeFOSE

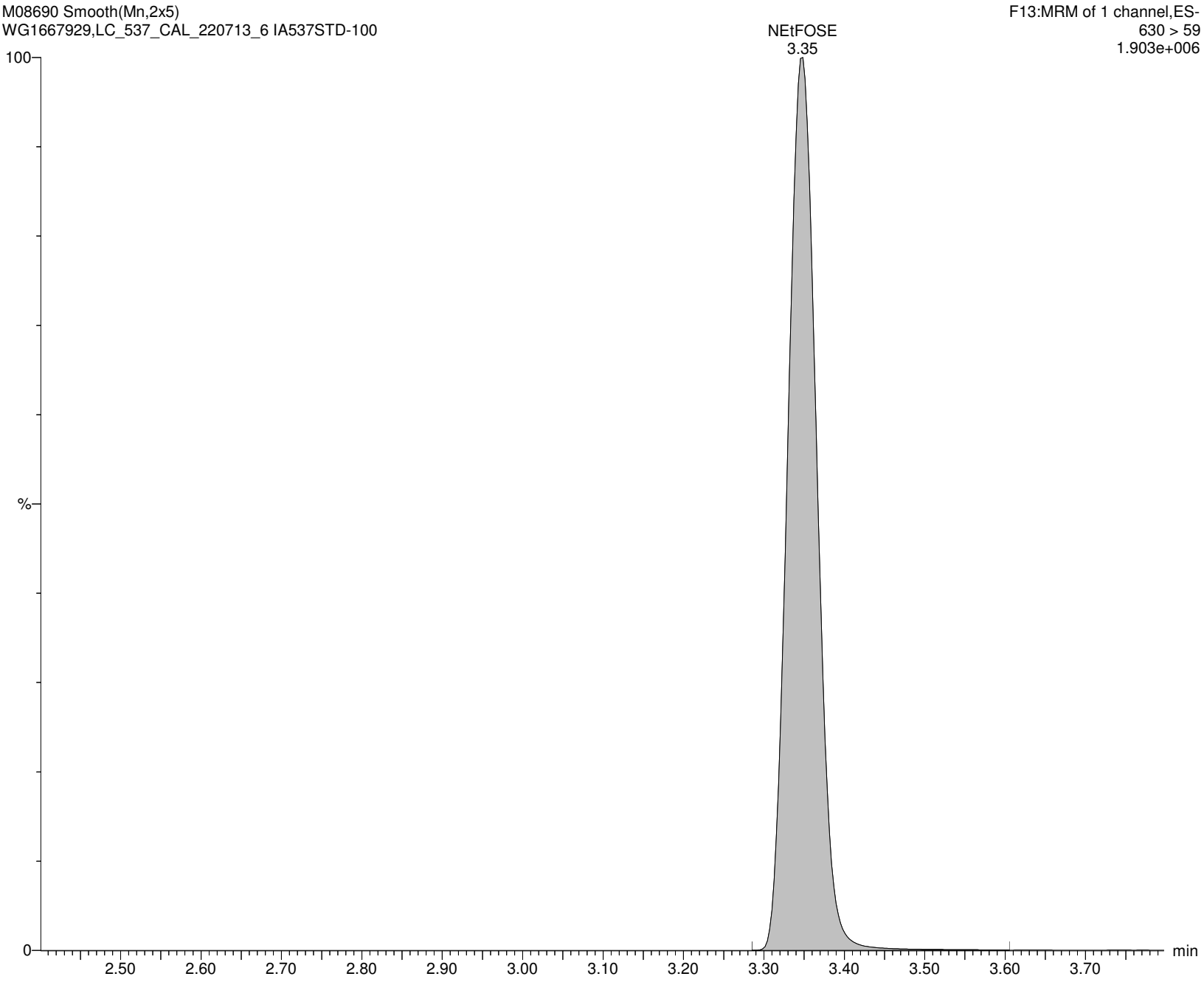


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:11 Eastern Daylight Time

Name: M08690
ID: IA537STD-100
Date: 27-Jul-2022
Time: 13:26:27
Description: WG1667929,LC_537_CAL_220713_6
User: LCMS01:RS
Vial: 1:B,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

NEtFOSE

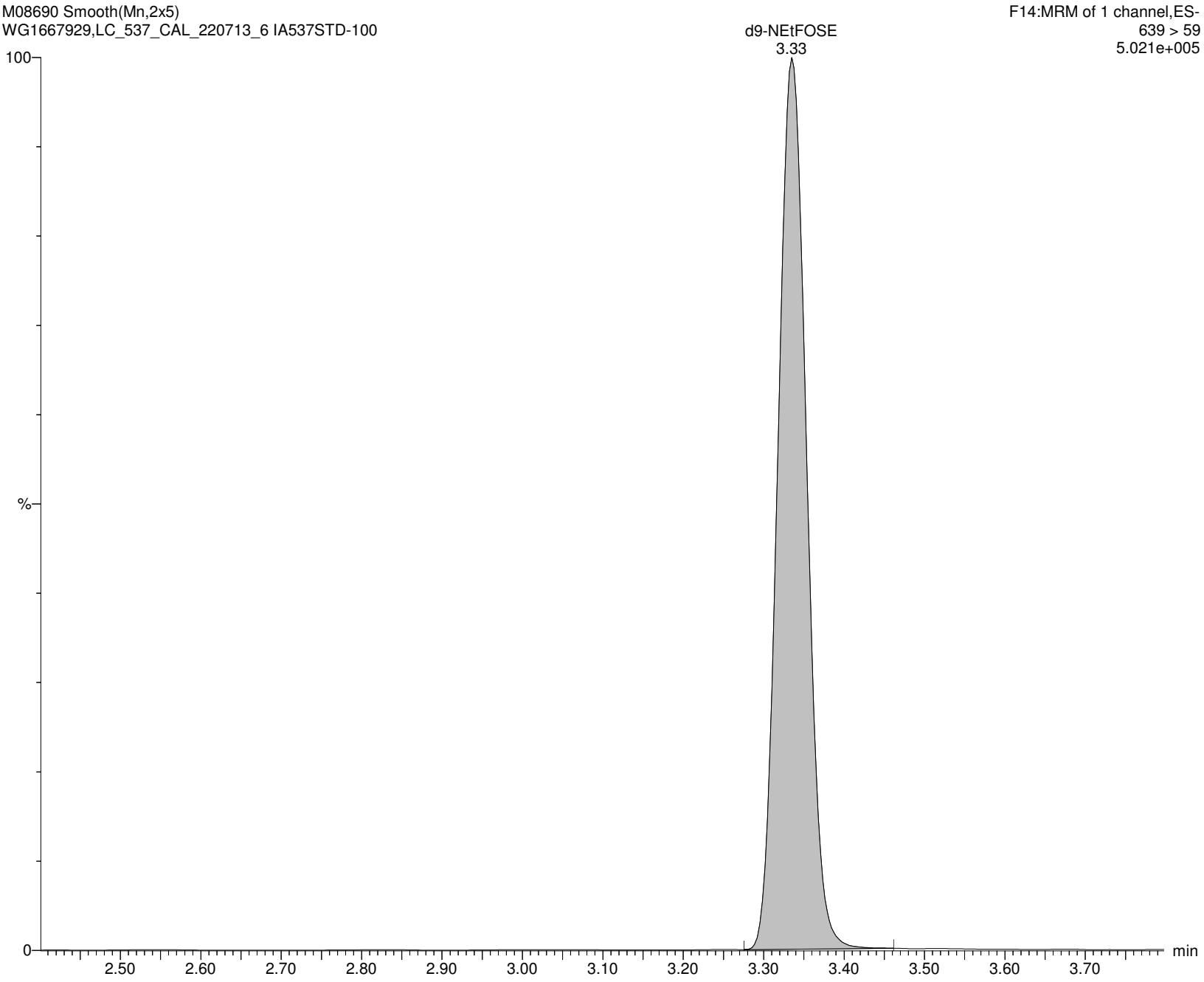


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:11 Eastern Daylight Time

Name: M08690
ID: IA537STD-100
Date: 27-Jul-2022
Time: 13:26:27
Description: WG1667929,LC_537_CAL_220713_6
User: LCMS01:RS
Vial: 1:B,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

d9-NEtFOSE



all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:11 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\MethDB\MeOH_FRAC_220727.mdb 27 Jul 2022 13:43:47
Calibration: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\CurveDB\220727_MEOH_ICAL.cdb 27 Jul 2022 13:45:01

ID: IA537STD250
Name: M08691
Date: 27-Jul-2022
Time: 13:33:41
Description: WG1667929,LC_537_CAL_220713_7
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:RS
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	M5PFNA	INT STD	2.22	468 > 423	18913		10.127		na	101.3
2	M2-PFUDA	INT STD	2.83	565.1 > 520.1	16479		9.266		na	92.7
3	FOSA	754-91-6	2.82	497.989 > 78.245	335937		245.661	179.80	NO	98.3
4	M8FOSA	INT STD	2.82	506.053 > 78.286	11787		9.380		na	93.8
5	NMeFOSA		3.18	512.163 > 169.022	91061		250.413	1.79	NO	100.2
6	d3-NMeFOSA		3.17	515.183 > 169.022	37357		98.159		na	98.2
7	NEtFOSA		3.36	526.192 > 169.022	116222		250.854	6.90	NO	100.3
8	d5-NEtFOSA		3.36	531.224 > 169.022	42807		99.268		na	99.3
9	NMeFOSE		3.18	616 > 59	186875		250.541		na	100.2
10	d7-NMeFOSE		3.17	623 > 59	17815		91.559		na	91.6
11	NEtFOSE		3.36	630 > 59	187542		250.608		na	100.2
12	d9-NEtFOSE		3.34	639 > 59	20177		96.494		na	96.5

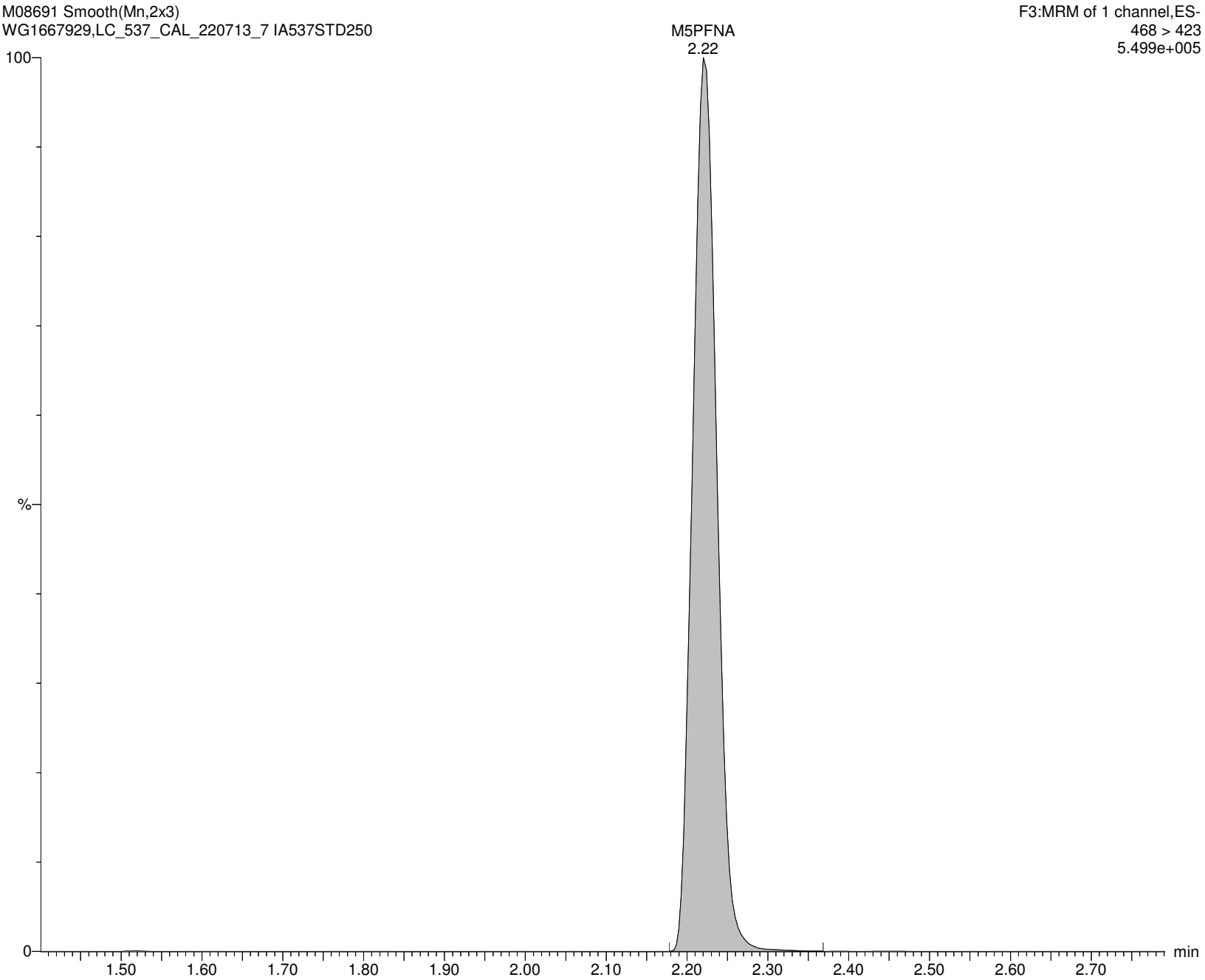
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:11 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\MethDB\MeOH_FRAC_220727.mdb 27 Jul 2022 13:43:47
Calibration: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\CurveDB\220727_MEOH_ICAL.cdb 27 Jul 2022 13:45:01

Name: M08691
ID: IA537STD250
Date: 27-Jul-2022
Time: 13:33:41
Description: WG1667929,LC_537_CAL_220713_7
User: LCMS01:RS
Vial: 1:B,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

M5PFNA

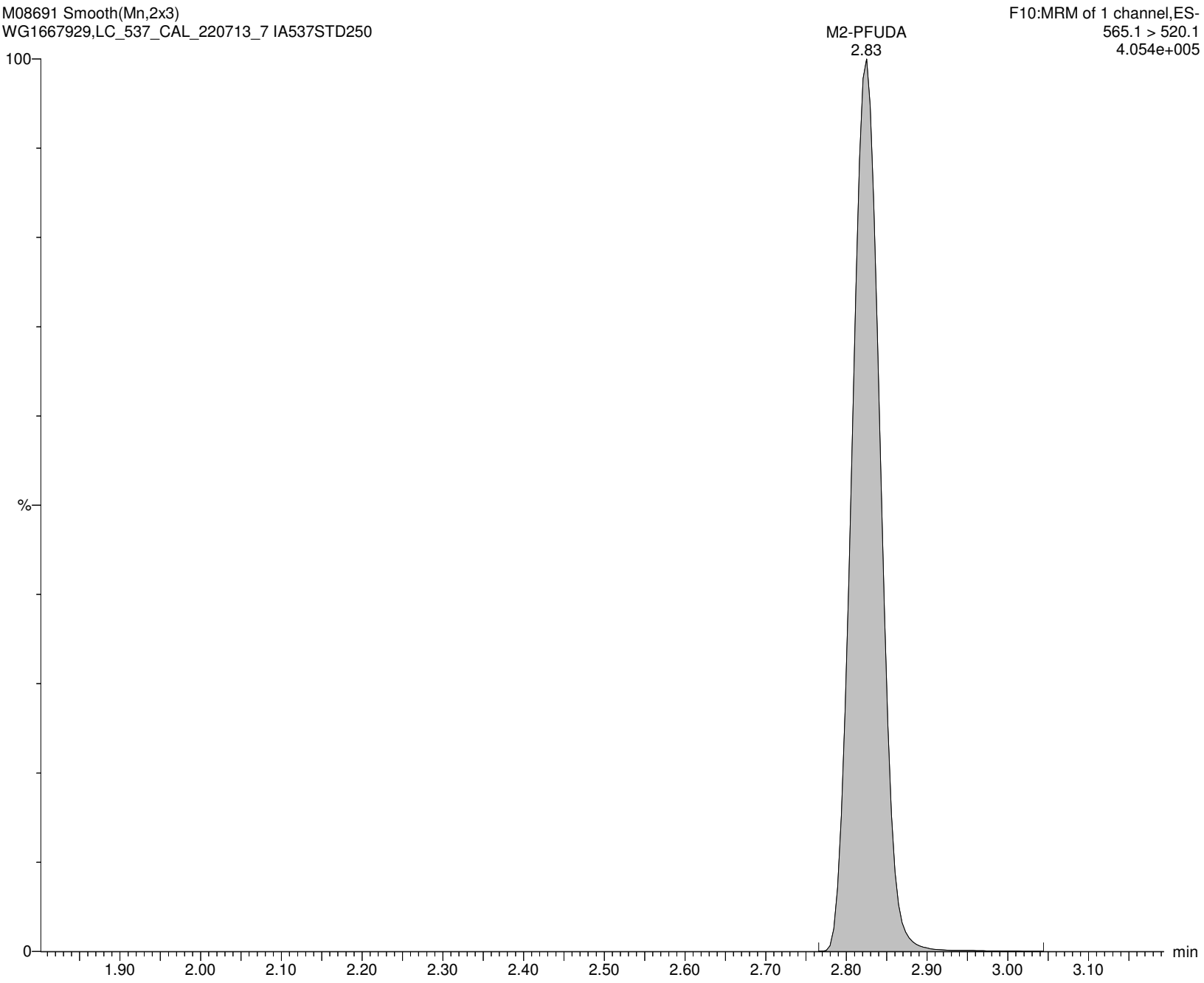


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:11 Eastern Daylight Time

Name: M08691
ID: IA537STD250
Date: 27-Jul-2022
Time: 13:33:41
Description: WG1667929,LC_537_CAL_220713_7
User: LCMS01:RS
Vial: 1:B,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

M2-PFUDA

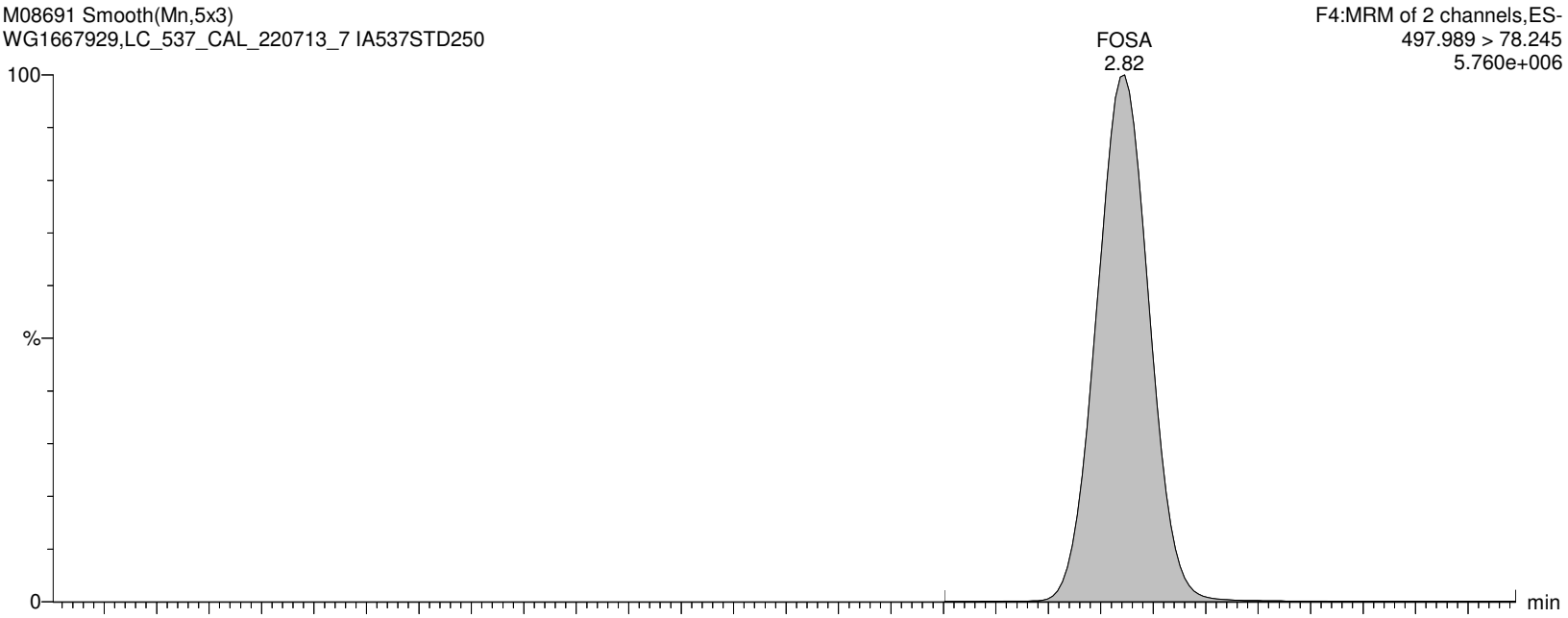


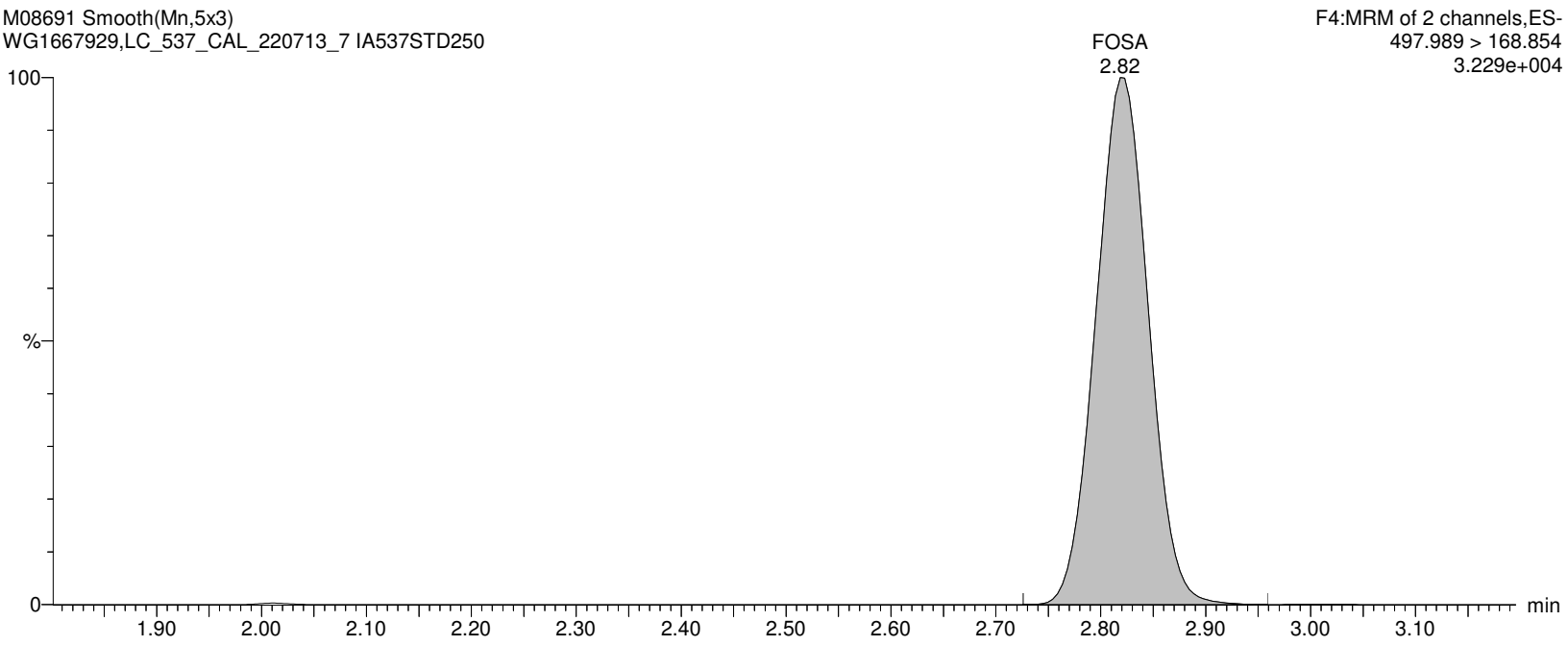
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:11 Eastern Daylight Time

Name: M08691
ID: IA537STD250
Date: 27-Jul-2022
Time: 13:33:41
Description: WG1667929,LC_537_CAL_220713_7
User: LCMS01:RS
Vial: 1:B,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

FOSA



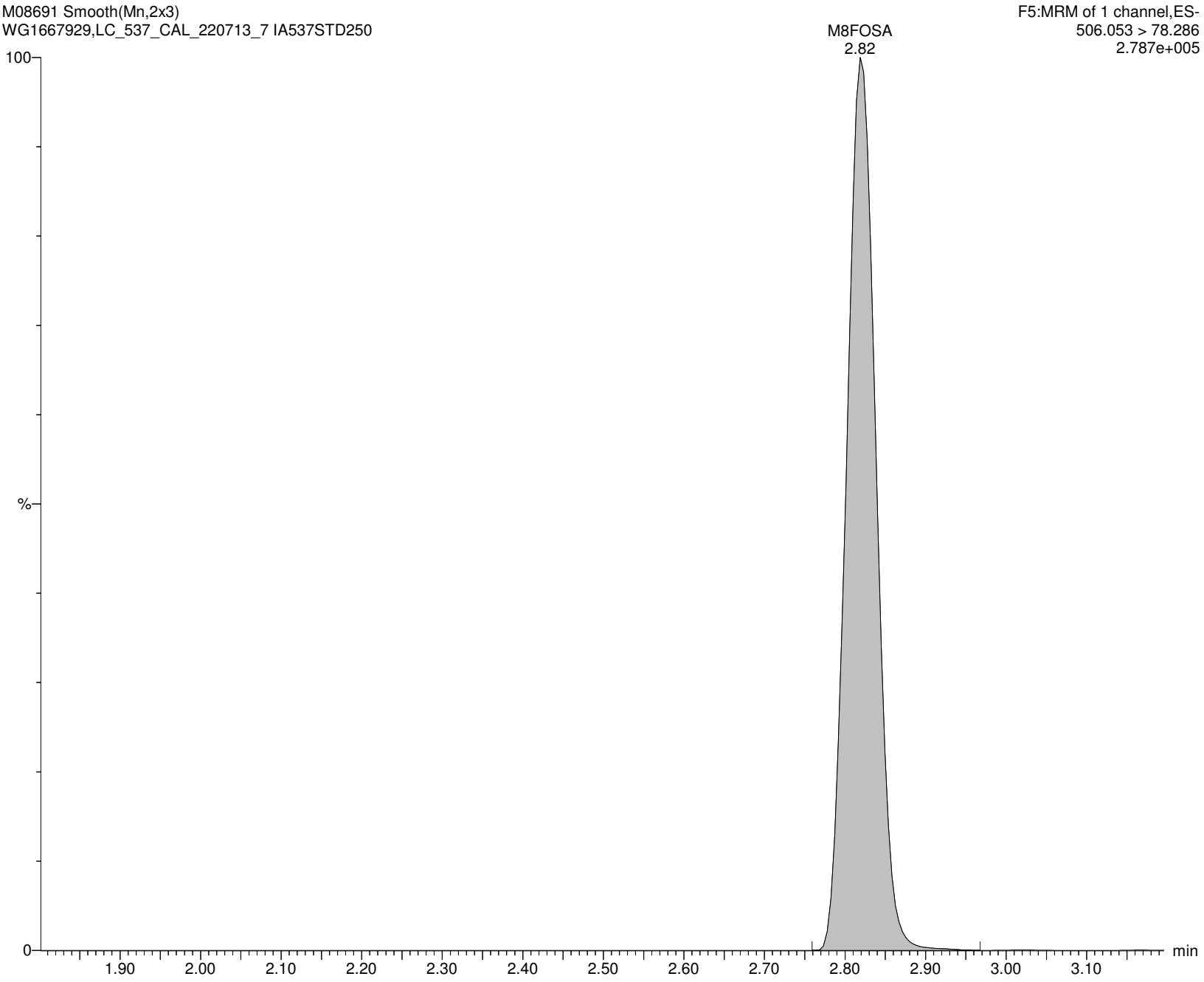


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:11 Eastern Daylight Time

Name: M08691
ID: IA537STD250
Date: 27-Jul-2022
Time: 13:33:41
Description: WG1667929,LC_537_CAL_220713_7
User: LCMS01:RS
Vial: 1:B,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

M8FOSA

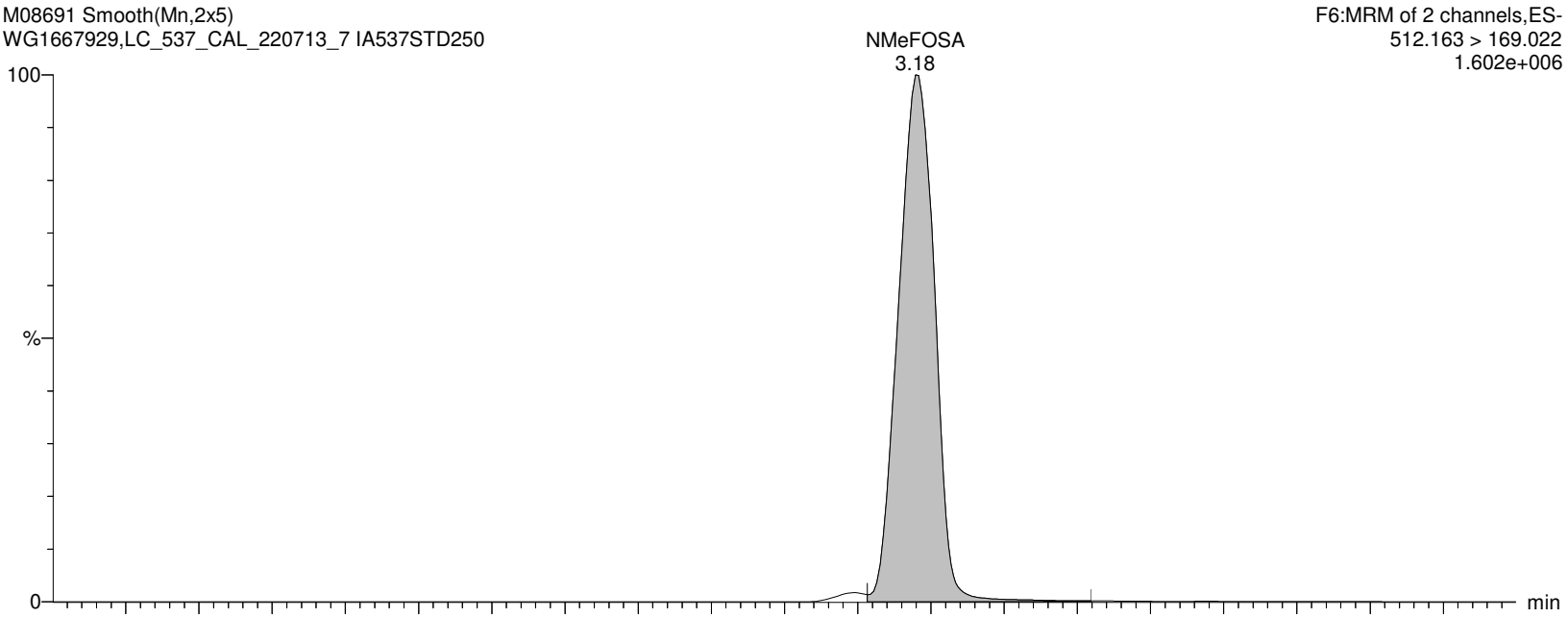


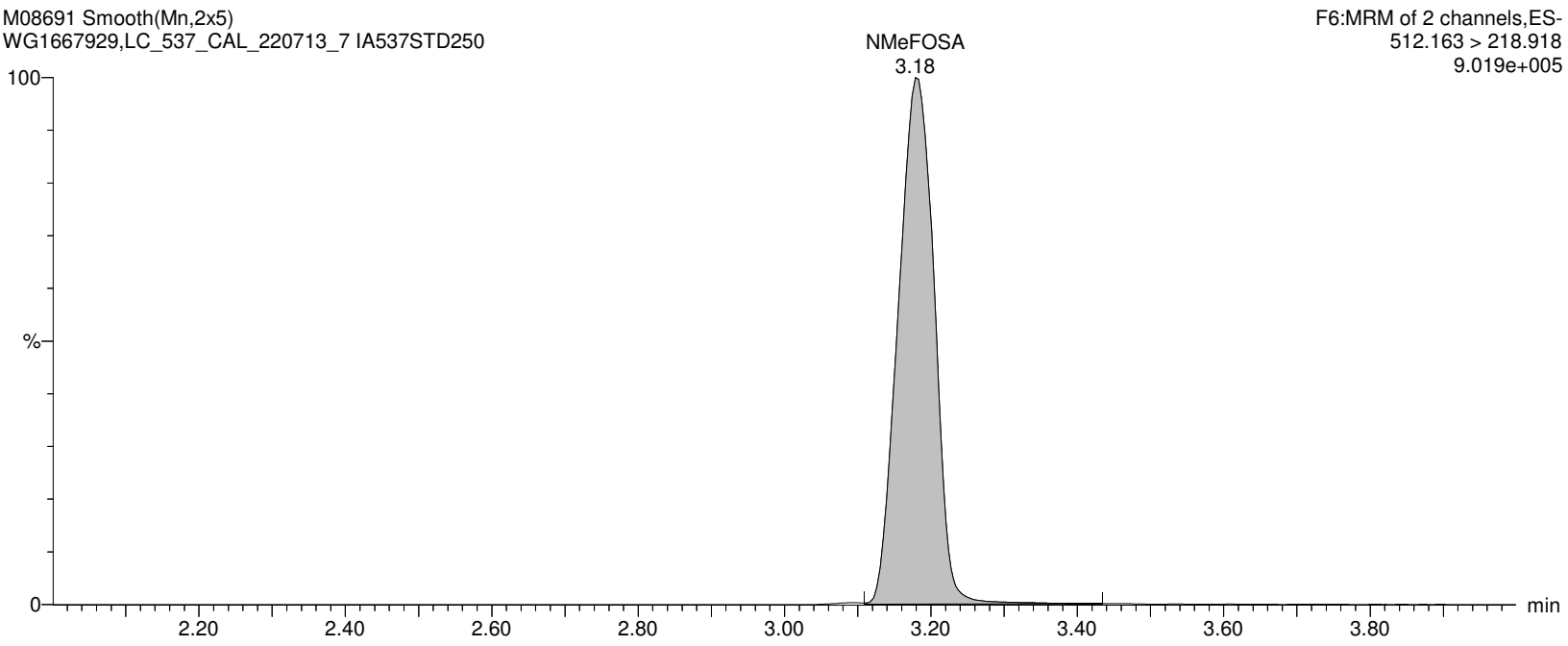
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:11 Eastern Daylight Time

Name: M08691
ID: IA537STD250
Date: 27-Jul-2022
Time: 13:33:41
Description: WG1667929,LC_537_CAL_220713_7
User: LCMS01:RS
Vial: 1:B,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

NMeFOSA



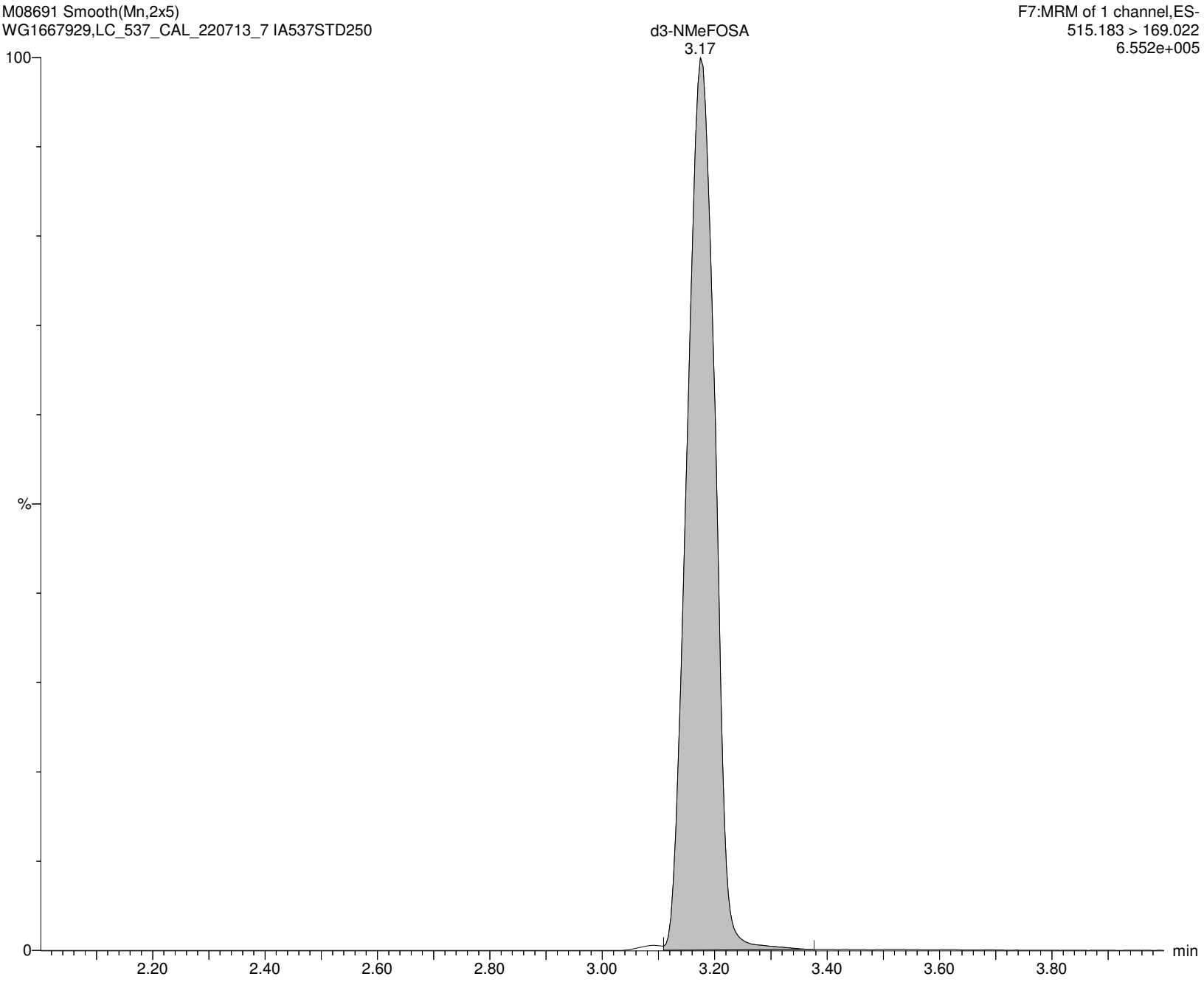


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:11 Eastern Daylight Time

Name: M08691
ID: IA537STD250
Date: 27-Jul-2022
Time: 13:33:41
Description: WG1667929,LC_537_CAL_220713_7
User: LCMS01:RS
Vial: 1:B,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

d3-NMeFOSA

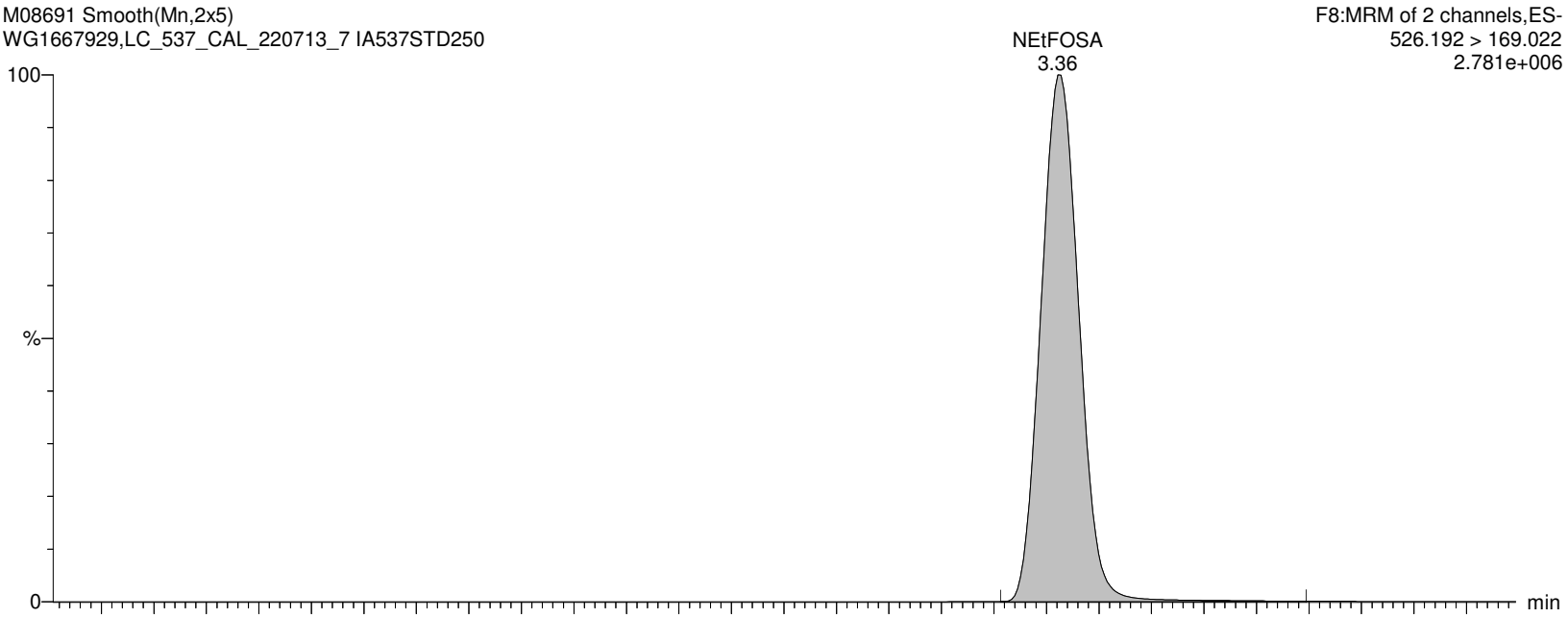


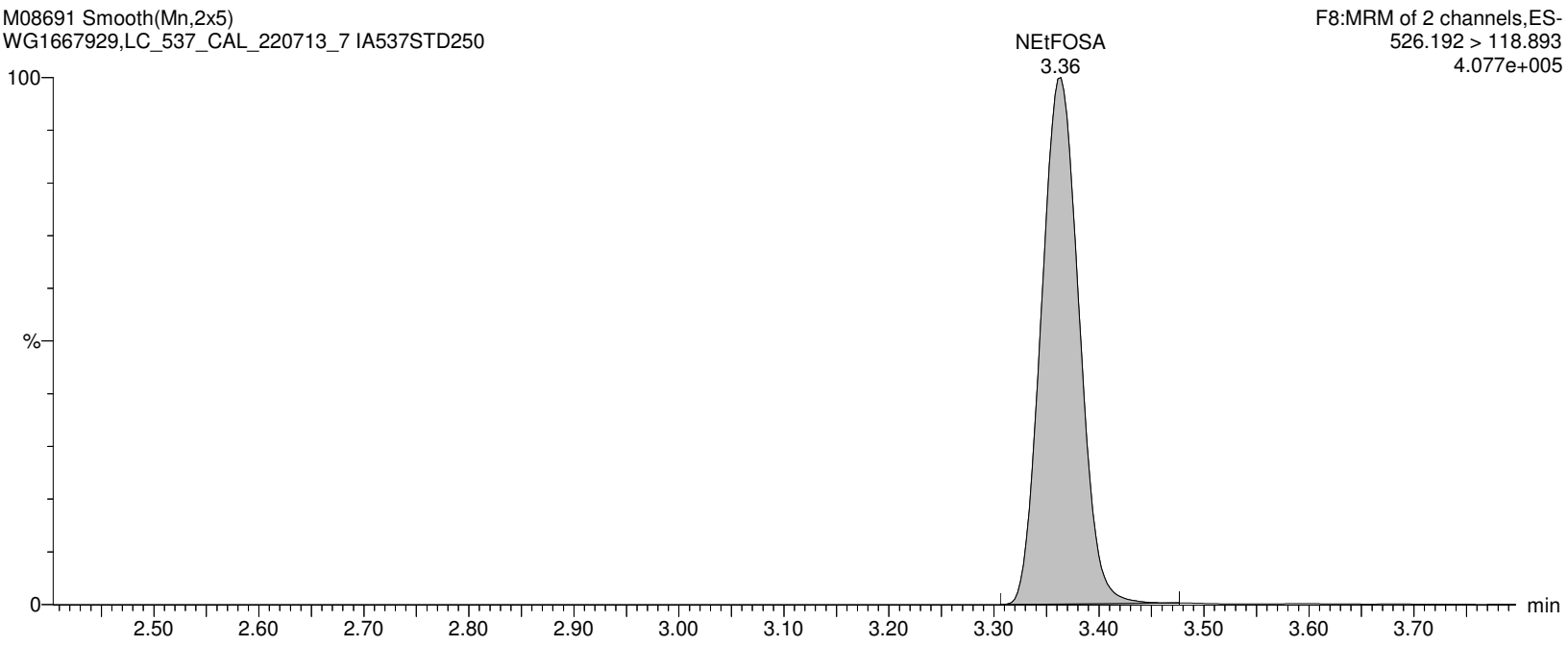
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:11 Eastern Daylight Time

Name: M08691
ID: IA537STD250
Date: 27-Jul-2022
Time: 13:33:41
Description: WG1667929,LC_537_CAL_220713_7
User: LCMS01:RS
Vial: 1:B,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

NEtFOSA



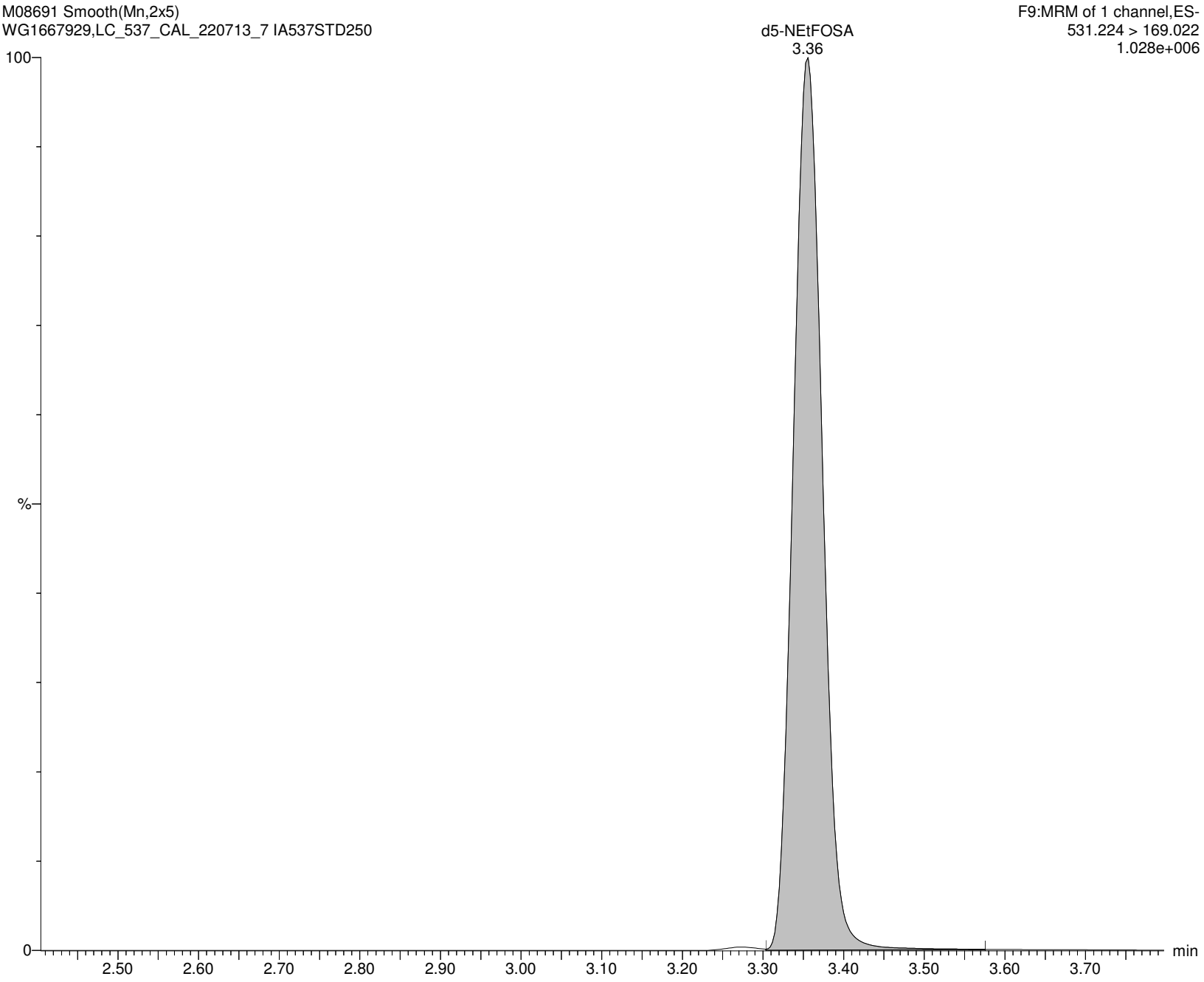


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:11 Eastern Daylight Time

Name: M08691
ID: IA537STD250
Date: 27-Jul-2022
Time: 13:33:41
Description: WG1667929,LC_537_CAL_220713_7
User: LCMS01:RS
Vial: 1:B,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

d5-NEtFOSA

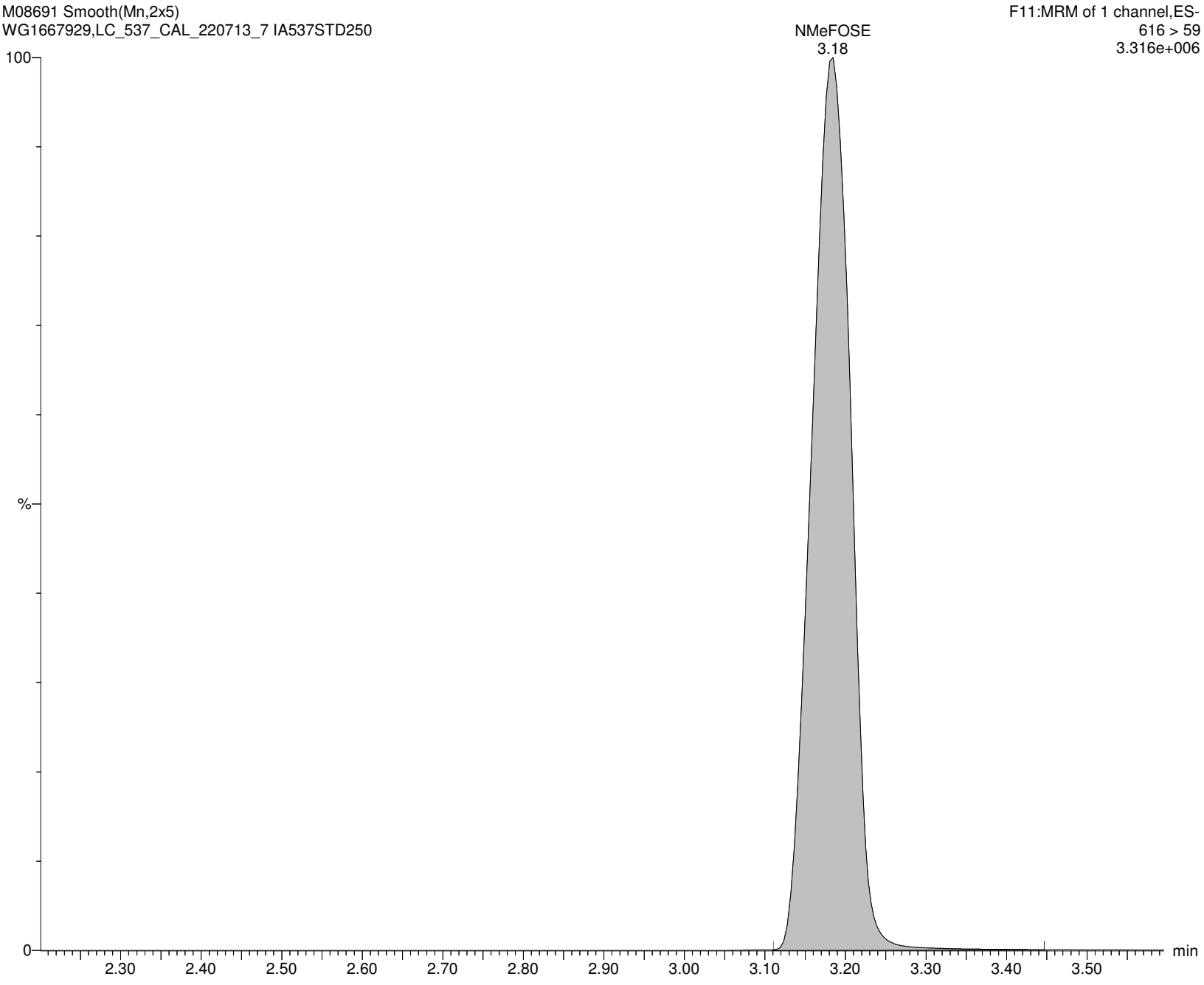


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:11 Eastern Daylight Time

Name: M08691
ID: IA537STD250
Date: 27-Jul-2022
Time: 13:33:41
Description: WG1667929,LC_537_CAL_220713_7
User: LCMS01:RS
Vial: 1:B,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

NMeFOSE

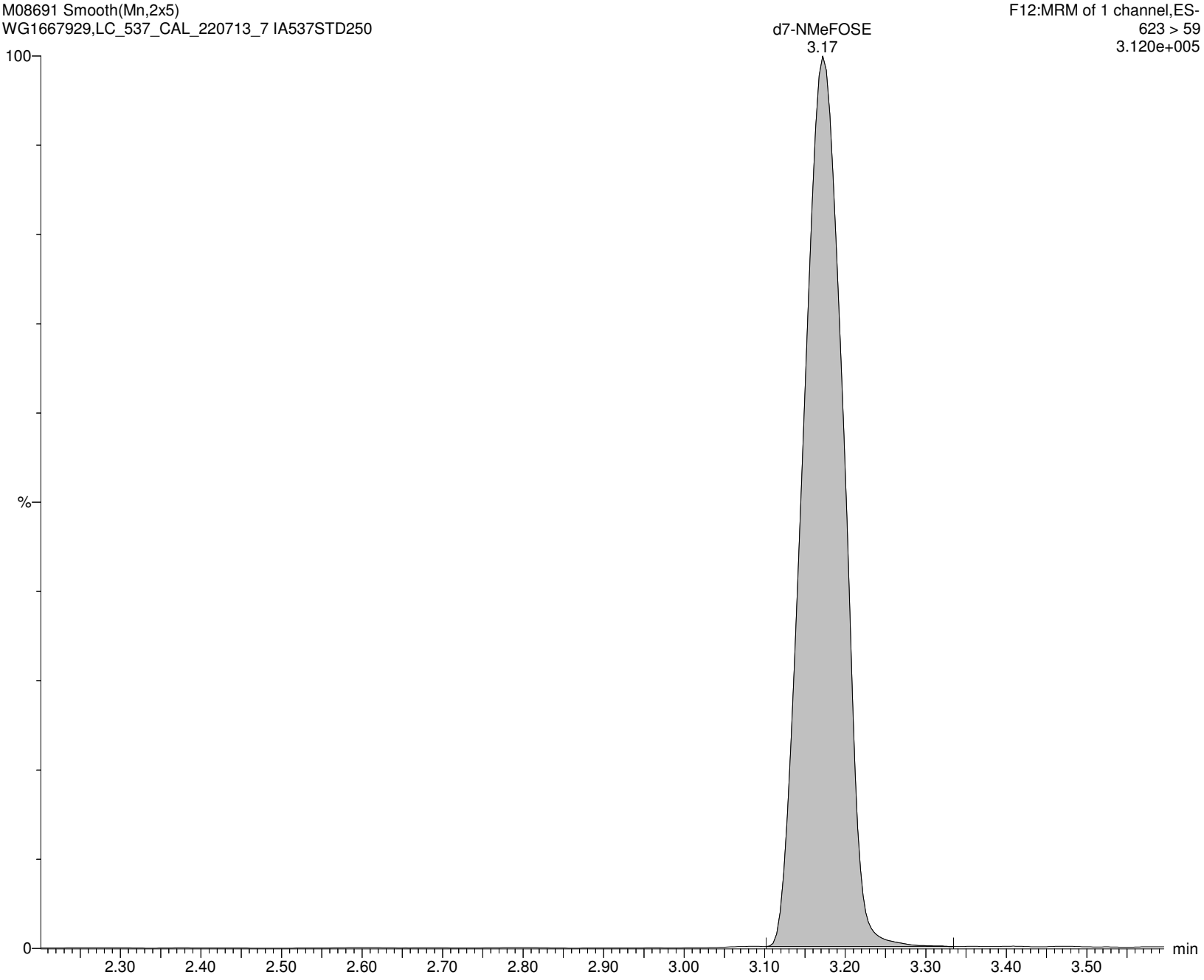


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:11 Eastern Daylight Time

Name: M08691
ID: IA537STD250
Date: 27-Jul-2022
Time: 13:33:41
Description: WG1667929,LC_537_CAL_220713_7
User: LCMS01:RS
Vial: 1:B,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

d7-NMeFOSE

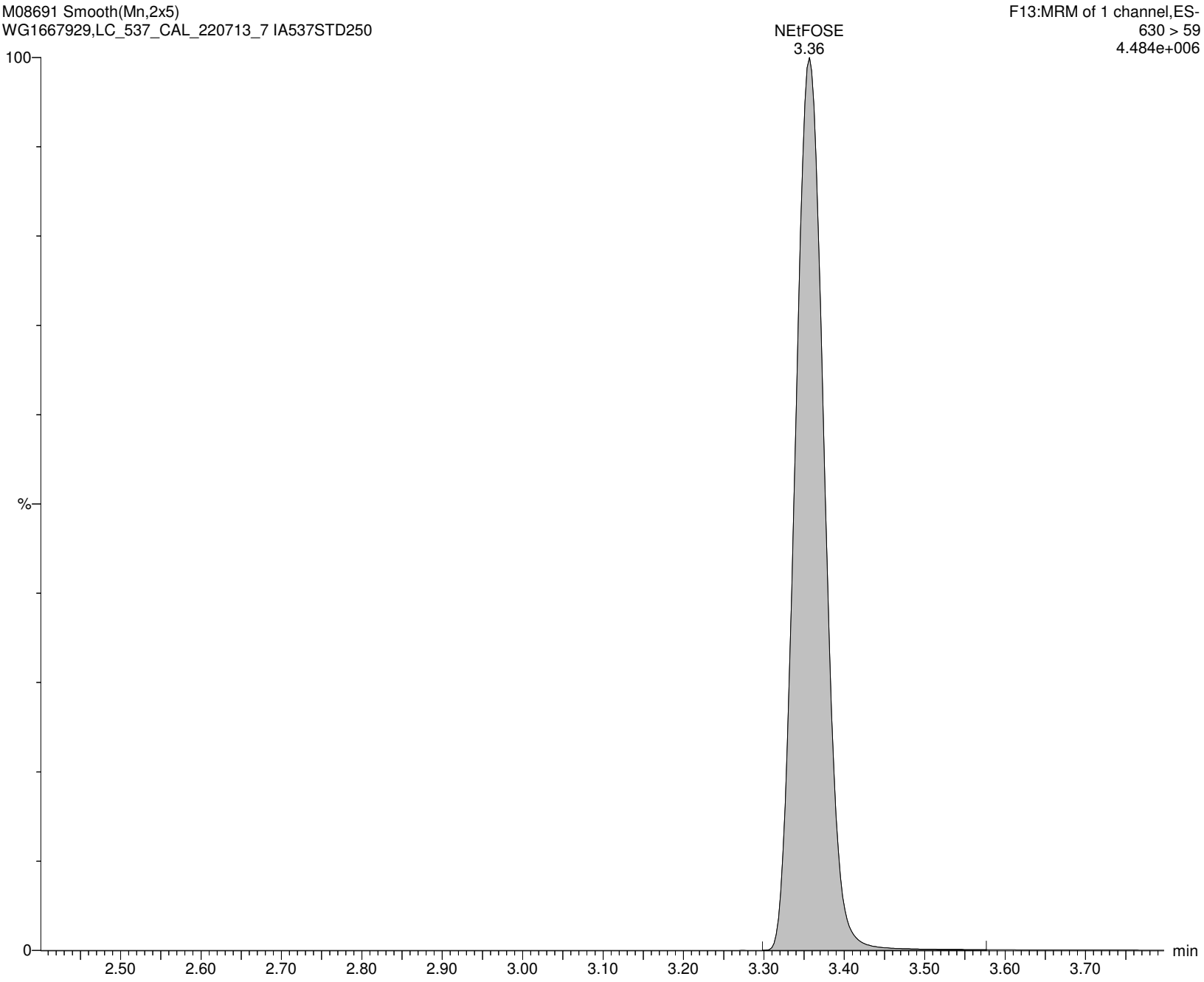


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:11 Eastern Daylight Time

Name: M08691
ID: IA537STD250
Date: 27-Jul-2022
Time: 13:33:41
Description: WG1667929,LC_537_CAL_220713_7
User: LCMS01:RS
Vial: 1:B,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

NEtFOSE

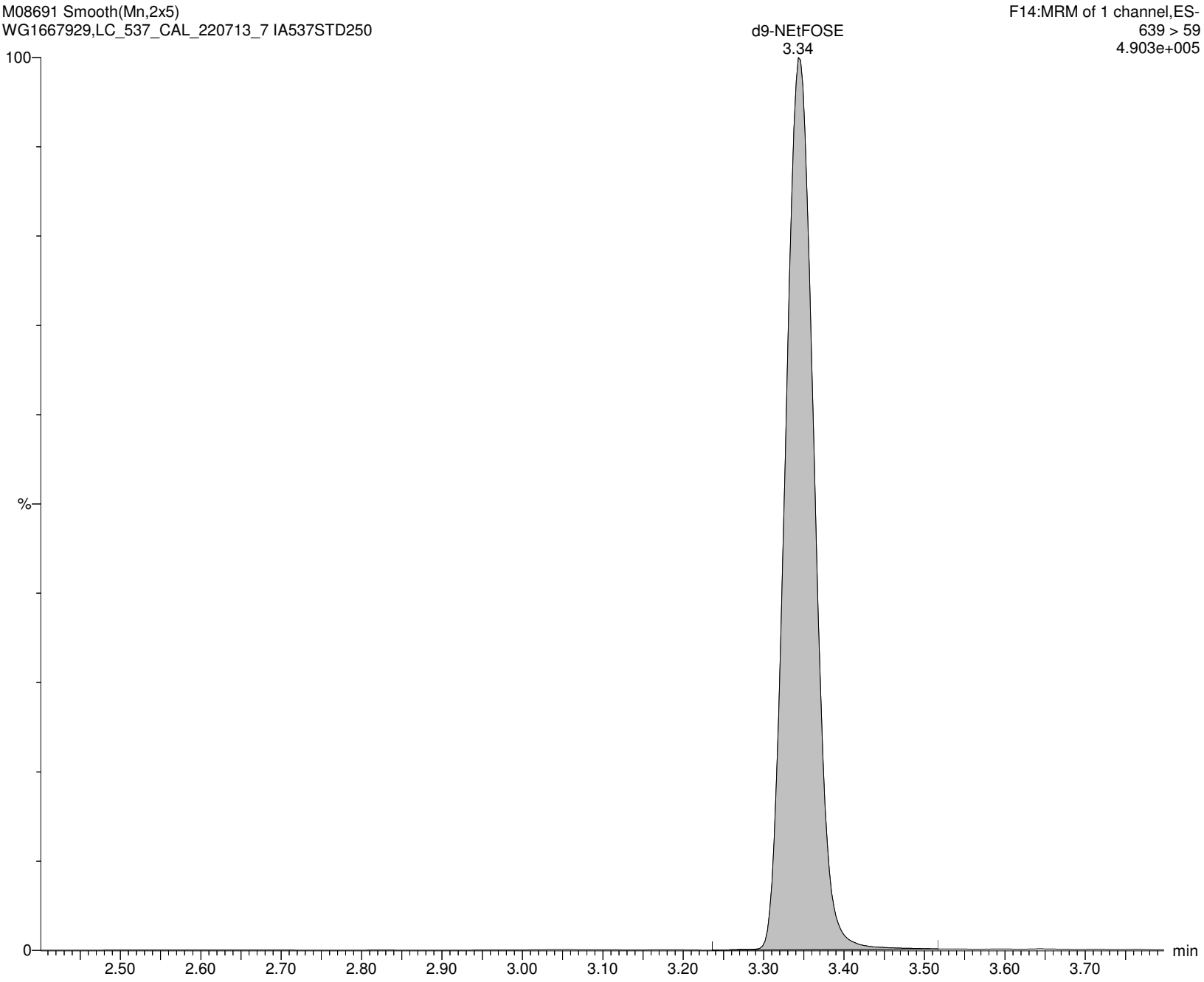


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICAL.qld
Last Altered: Wednesday, July 27, 2022 13:45:01 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 13:58:11 Eastern Daylight Time

Name: M08691
ID: IA537STD250
Date: 27-Jul-2022
Time: 13:33:41
Description: WG1667929,LC_537_CAL_220713_7
User: LCMS01:RS
Vial: 1:B,7
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

d9-NEtFOSE



all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICV.qld
Last Altered: Wednesday, July 27, 2022 13:55:42 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 14:00:44 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\MethDB\MeOH_FRAC_220727.mdb 27 Jul 2022 13:43:47
Calibration: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\CurveDB\220727_MEOH_ICAL.cdb 27 Jul 2022 13:45:01

ID: CA2_537STD10
Name: M08693
Date: 27-Jul-2022
Time: 13:48:07
Description: WG1667929,LC_537_CAL_220727_ICV
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:RS
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	M5PFNA	INT STD	2.22	468 > 423	23289		12.469		na	124.7
2	M2-PFUDA	INT STD	2.82	565.1 > 520.1	24832		13.963		na	139.6
3	FOSA	754-91-6	2.81	497.989 > 78.245	15076		8.685	135.82	NO	86.9
4	M8FOSA	INT STD	2.81	506.053 > 78.286	14961		9.669		na	96.7
5	NMeFOSA		3.17	512.163 > 169.022	3760		8.643	1.74	NO	86.4
6	d3-NMeFOSA		3.17	515.183 > 169.022	45567		97.236		na	97.2
7	NEtFOSA		3.36	526.192 > 169.022	4595		8.325	7.13	NO	83.3
8	d5-NEtFOSA		3.35	531.224 > 169.022	52324		98.542		na	98.5
9	NMeFOSE		3.18	616 > 59	8866		8.842		na	88.4
10	d7-NMeFOSE		3.17	623 > 59	22805		95.182		na	95.2
11	NEtFOSE		3.35	630 > 59	8435		8.850		na	88.5
12	d9-NEtFOSE		3.34	639 > 59	23579		91.577		na	91.6

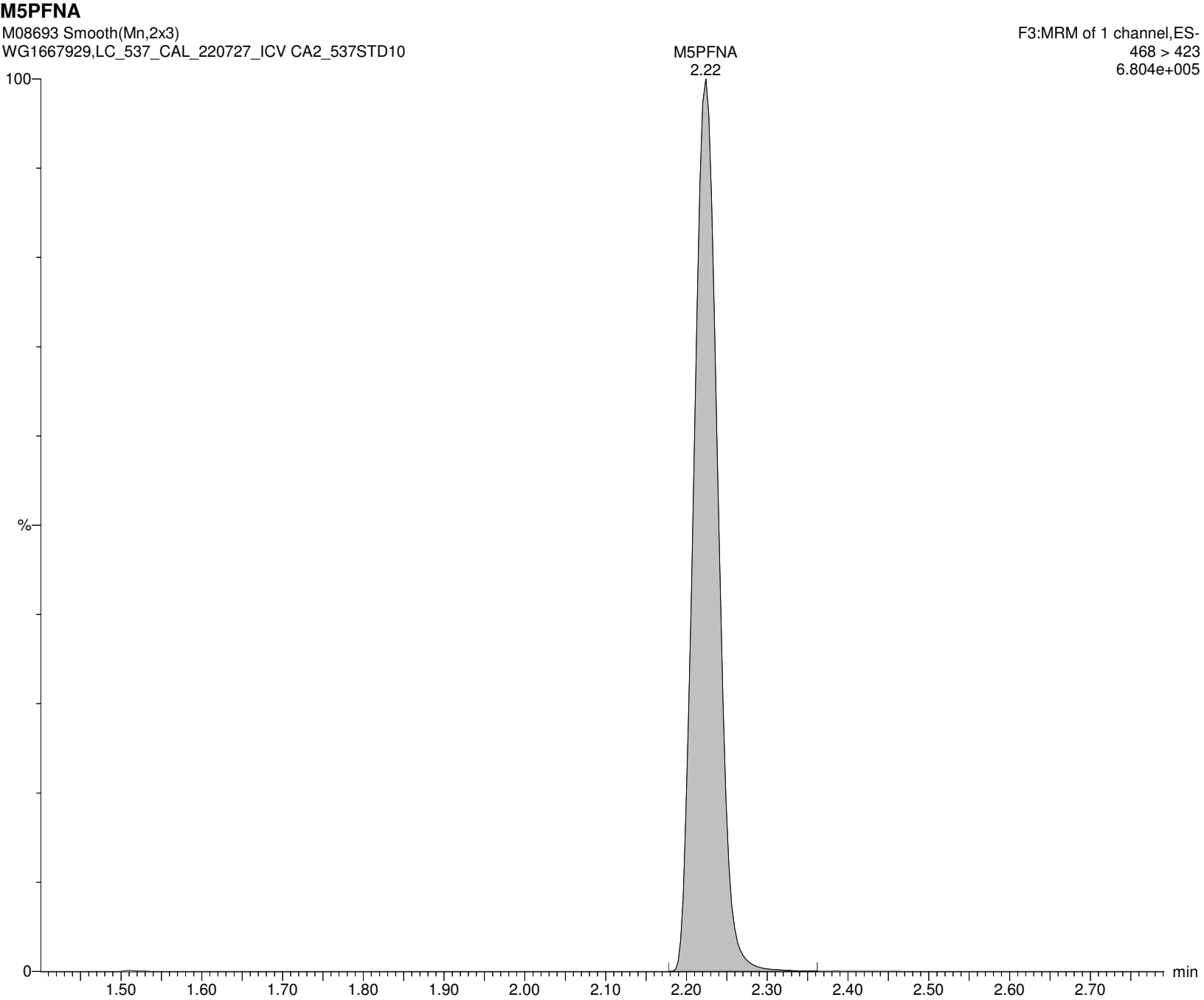
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICV.qld
Last Altered: Wednesday, July 27, 2022 13:55:42 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 14:00:44 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\MethDB\MeOH_FRAC_220727.mdb 27 Jul 2022 13:43:47
Calibration: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\CurveDB\220727_MEOH_ICAL.cdb 27 Jul 2022 13:45:01

Name: M08693
ID: CA2_537STD10
Date: 27-Jul-2022
Time: 13:48:07
Description: WG1667929,LC_537_CAL_220727_ICV
User: LCMS01:RS
Vial: 1:B,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

M5PFNA

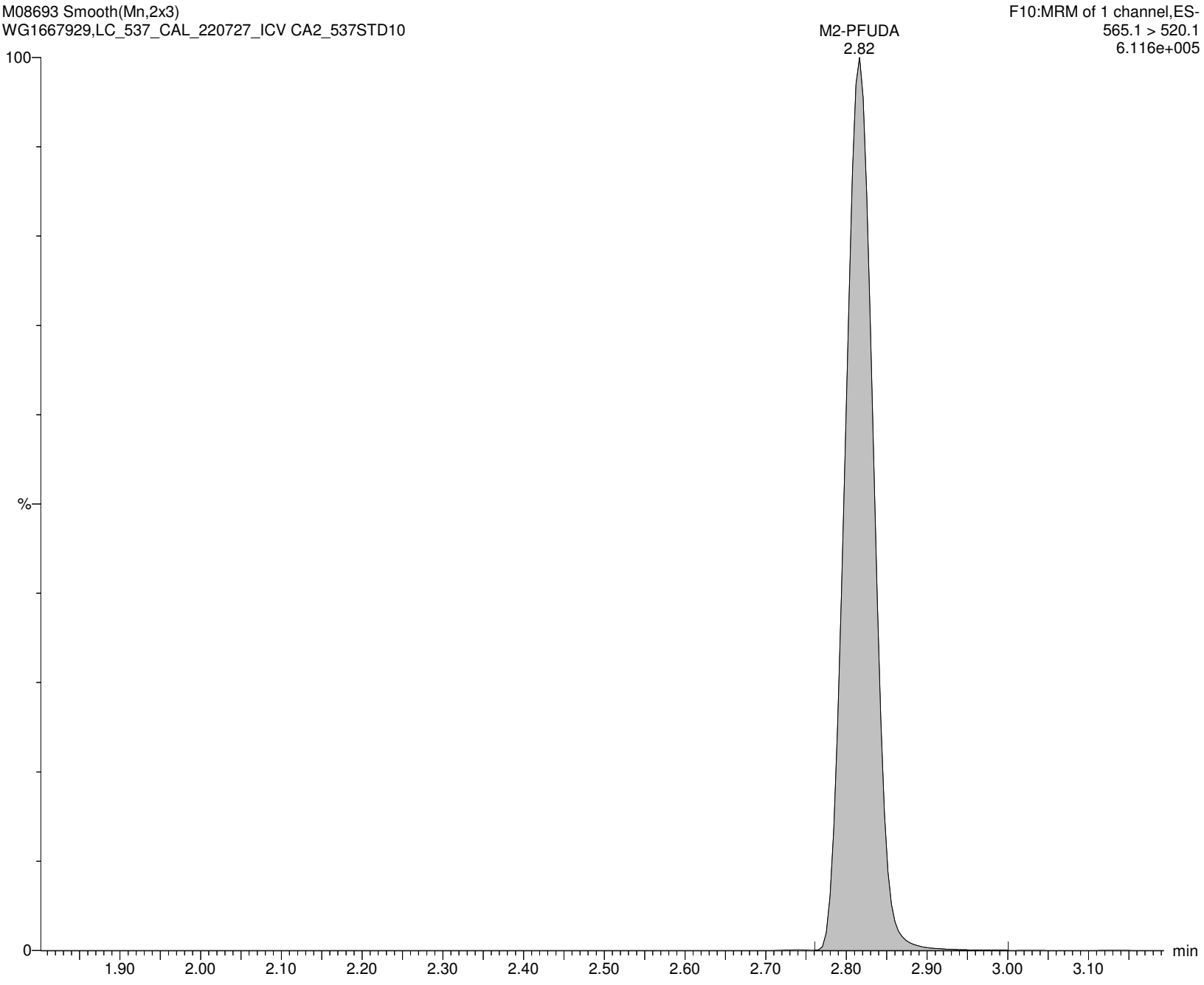


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICV.qld
Last Altered: Wednesday, July 27, 2022 13:55:42 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 14:00:44 Eastern Daylight Time

Name: M08693
ID: CA2_537STD10
Date: 27-Jul-2022
Time: 13:48:07
Description: WG1667929,LC_537_CAL_220727_ICV
User: LCMS01:RS
Vial: 1:B,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

M2-PFUDA

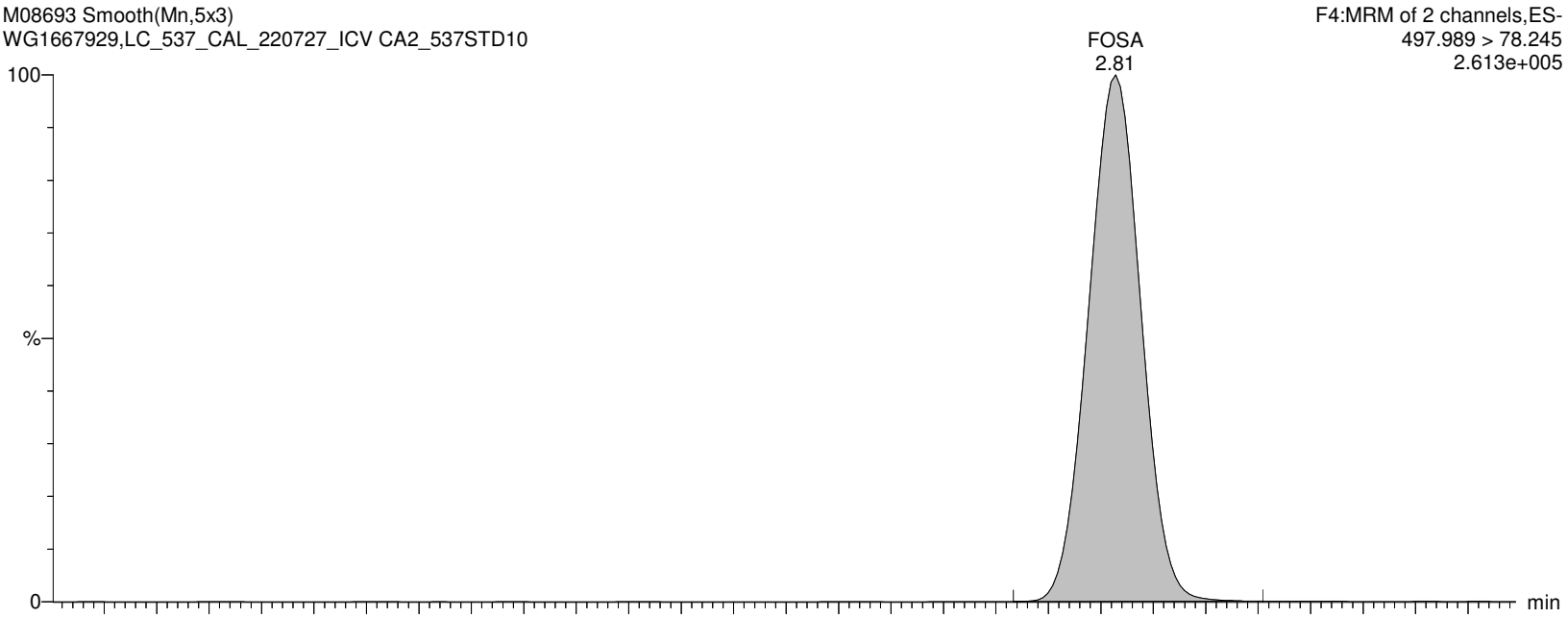


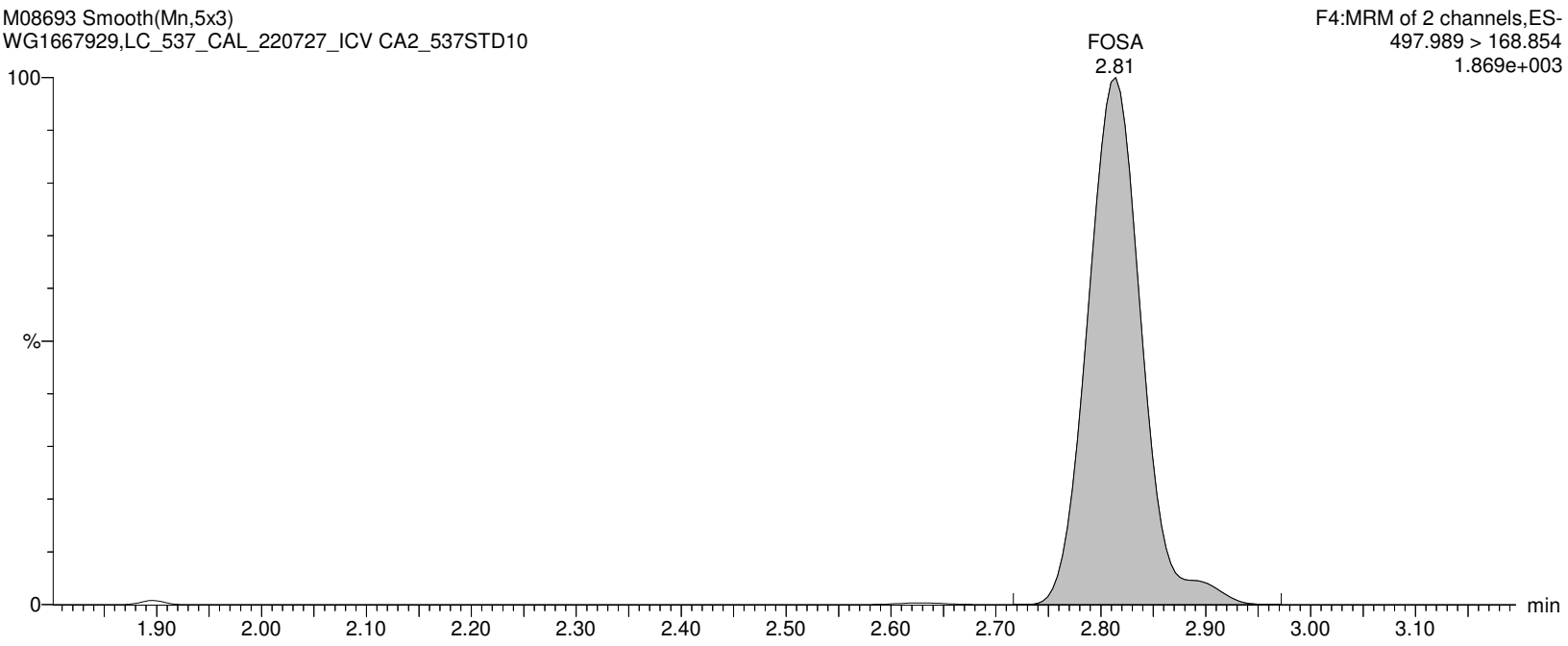
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICV.qld
Last Altered: Wednesday, July 27, 2022 13:55:42 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 14:00:44 Eastern Daylight Time

Name: M08693
ID: CA2_537STD10
Date: 27-Jul-2022
Time: 13:48:07
Description: WG1667929,LC_537_CAL_220727_ICV
User: LCMS01:RS
Vial: 1:B,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

FOSA



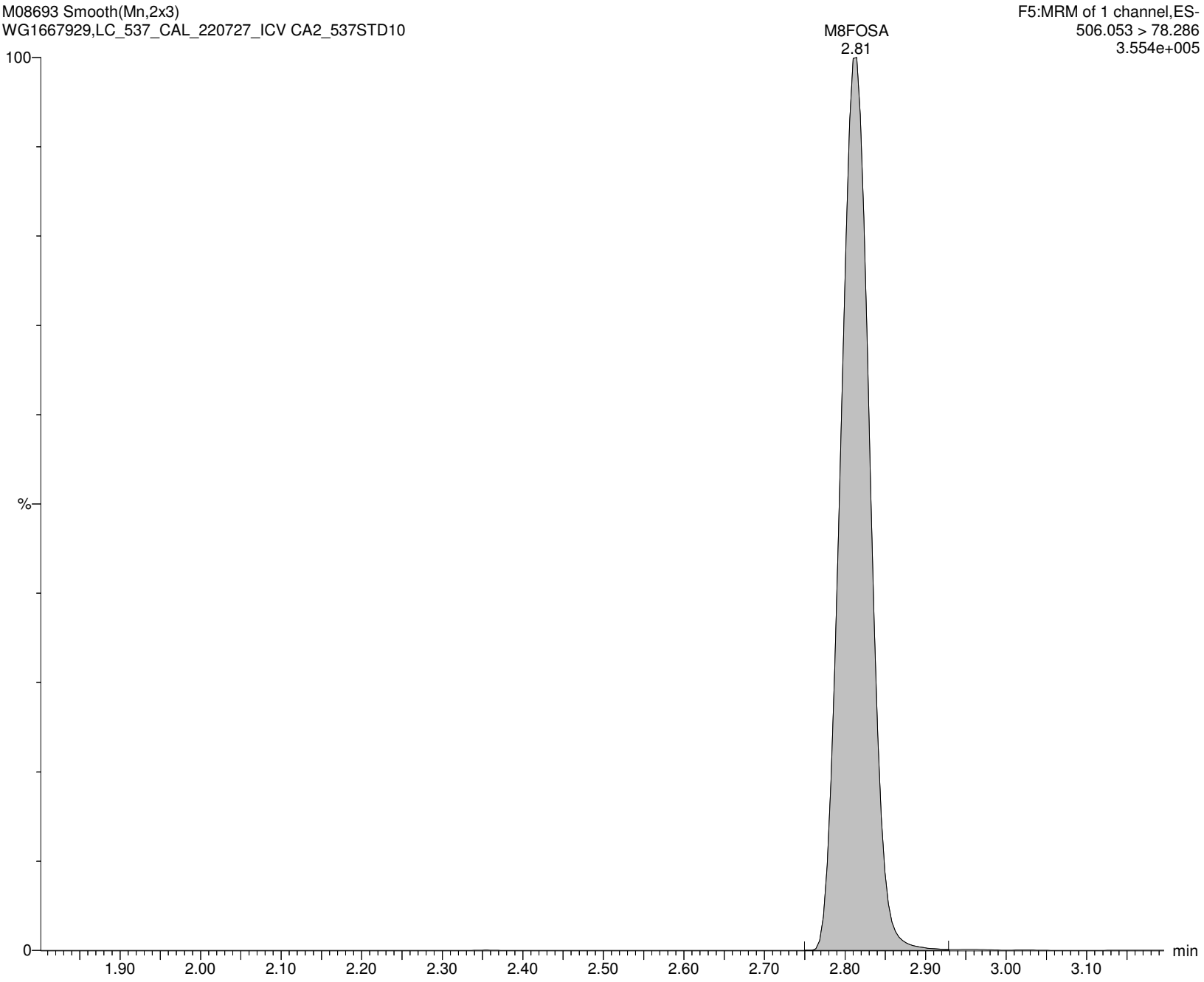


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICV.qld
Last Altered: Wednesday, July 27, 2022 13:55:42 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 14:00:44 Eastern Daylight Time

Name: M08693
ID: CA2_537STD10
Date: 27-Jul-2022
Time: 13:48:07
Description: WG1667929,LC_537_CAL_220727_ICV
User: LCMS01:RS
Vial: 1:B,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

M8FOSA

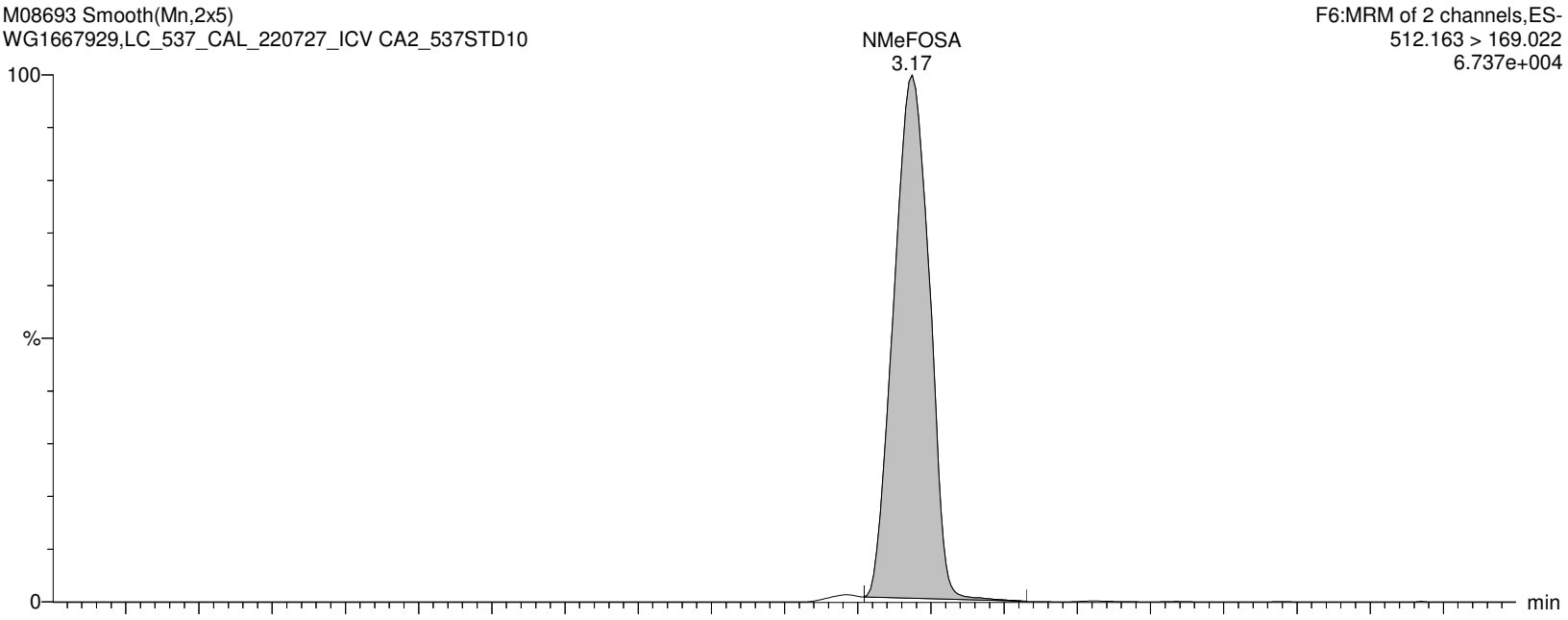


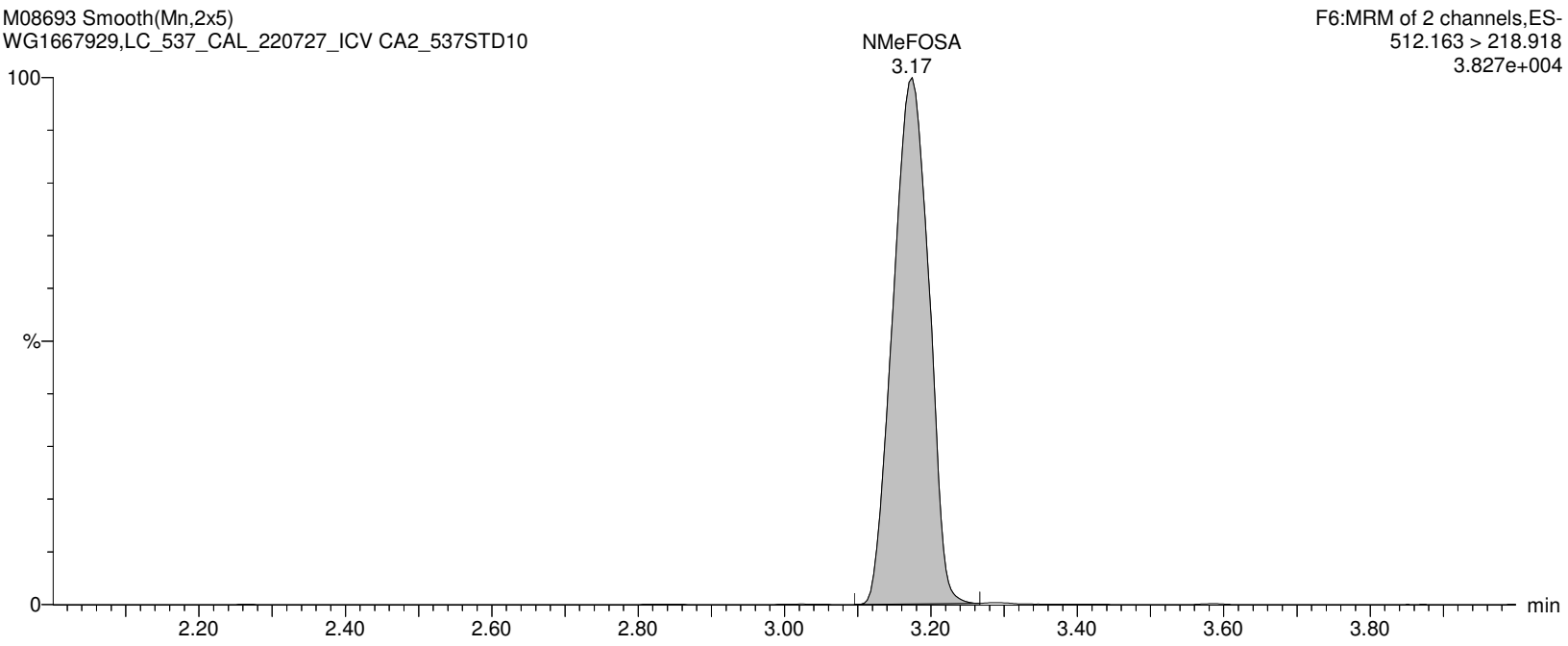
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICV.qld
Last Altered: Wednesday, July 27, 2022 13:55:42 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 14:00:44 Eastern Daylight Time

Name: M08693
ID: CA2_537STD10
Date: 27-Jul-2022
Time: 13:48:07
Description: WG1667929,LC_537_CAL_220727_ICV
User: LCMS01:RS
Vial: 1:B,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

NMeFOSA



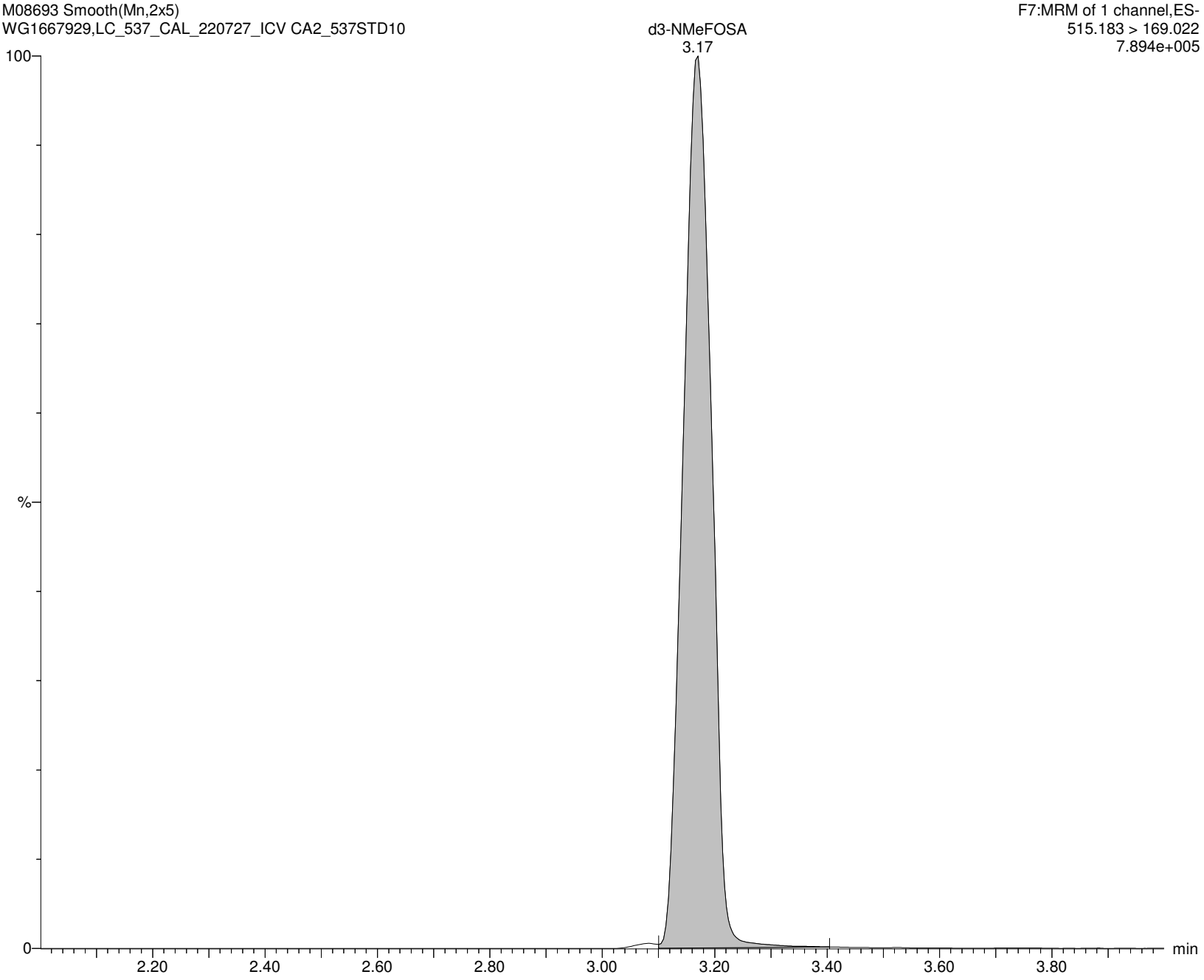


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICV.qld
Last Altered: Wednesday, July 27, 2022 13:55:42 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 14:00:44 Eastern Daylight Time

Name: M08693
ID: CA2_537STD10
Date: 27-Jul-2022
Time: 13:48:07
Description: WG1667929,LC_537_CAL_220727_ICV
User: LCMS01:RS
Vial: 1:B,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

d3-NMeFOSA

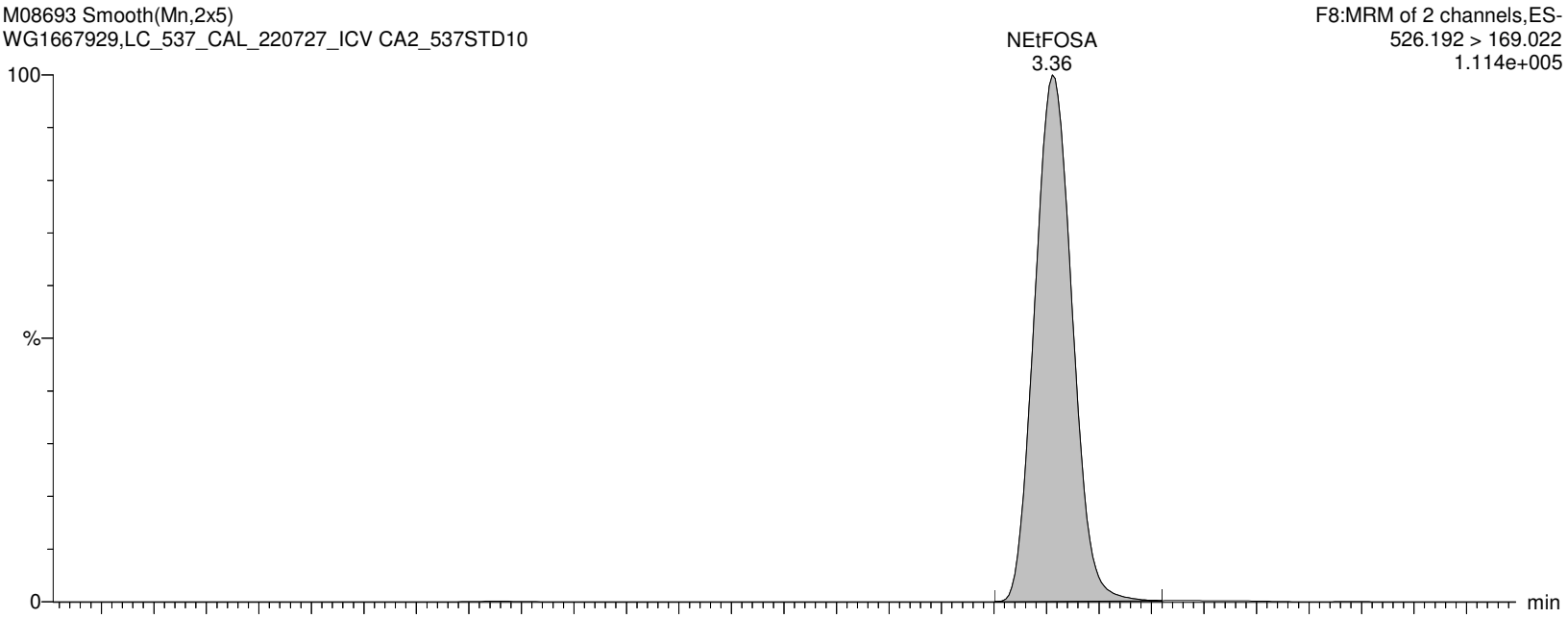


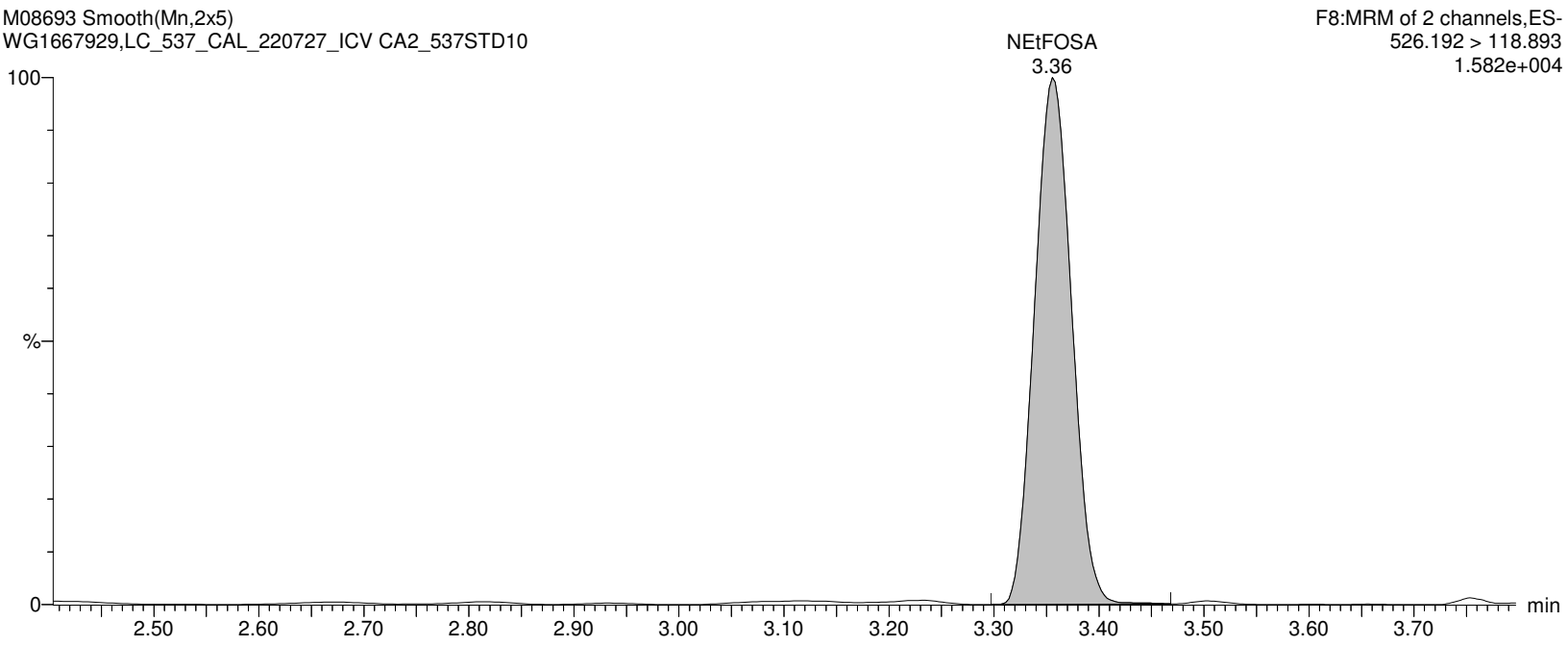
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICV.qld
Last Altered: Wednesday, July 27, 2022 13:55:42 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 14:00:44 Eastern Daylight Time

Name: M08693
ID: CA2_537STD10
Date: 27-Jul-2022
Time: 13:48:07
Description: WG1667929,LC_537_CAL_220727_ICV
User: LCMS01:RS
Vial: 1:B,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

NEtFOSA



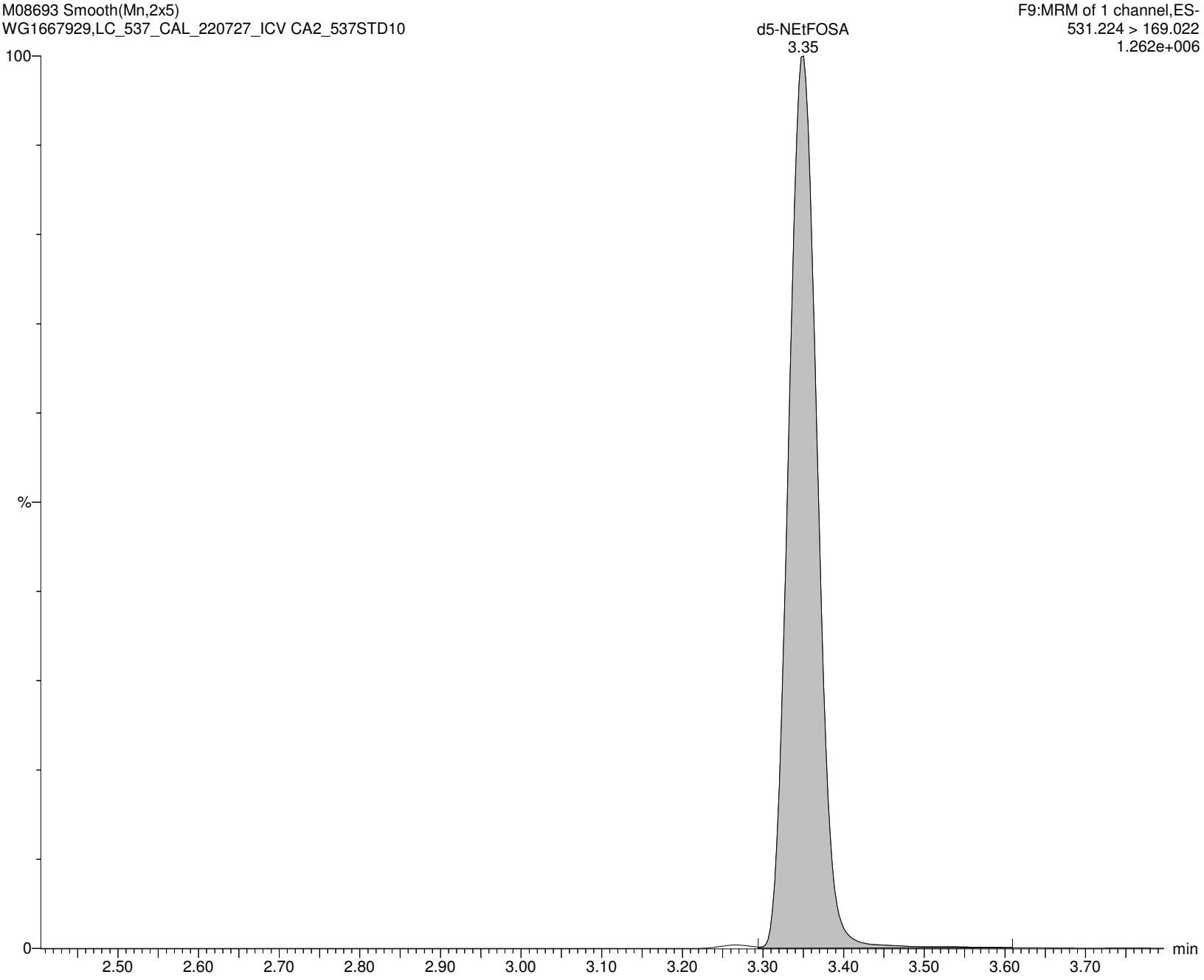


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICV.qld
Last Altered: Wednesday, July 27, 2022 13:55:42 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 14:00:44 Eastern Daylight Time

Name: M08693
ID: CA2_537STD10
Date: 27-Jul-2022
Time: 13:48:07
Description: WG1667929,LC_537_CAL_220727_ICV
User: LCMS01:RS
Vial: 1:B,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

d5-NEtFOSA

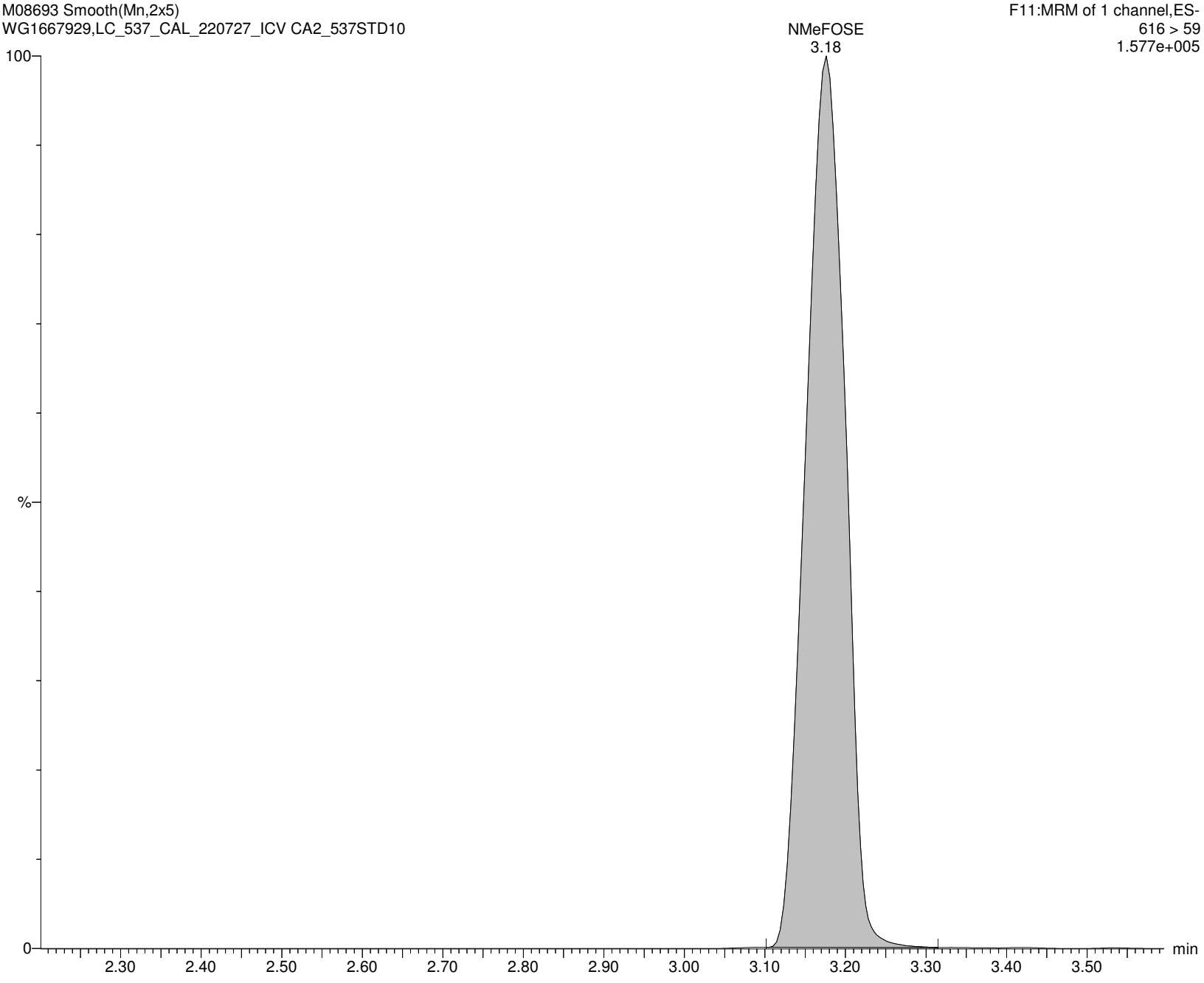


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICV.qld
Last Altered: Wednesday, July 27, 2022 13:55:42 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 14:00:44 Eastern Daylight Time

Name: M08693
ID: CA2_537STD10
Date: 27-Jul-2022
Time: 13:48:07
Description: WG1667929,LC_537_CAL_220727_ICV
User: LCMS01:RS
Vial: 1:B,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

NMeFOSE

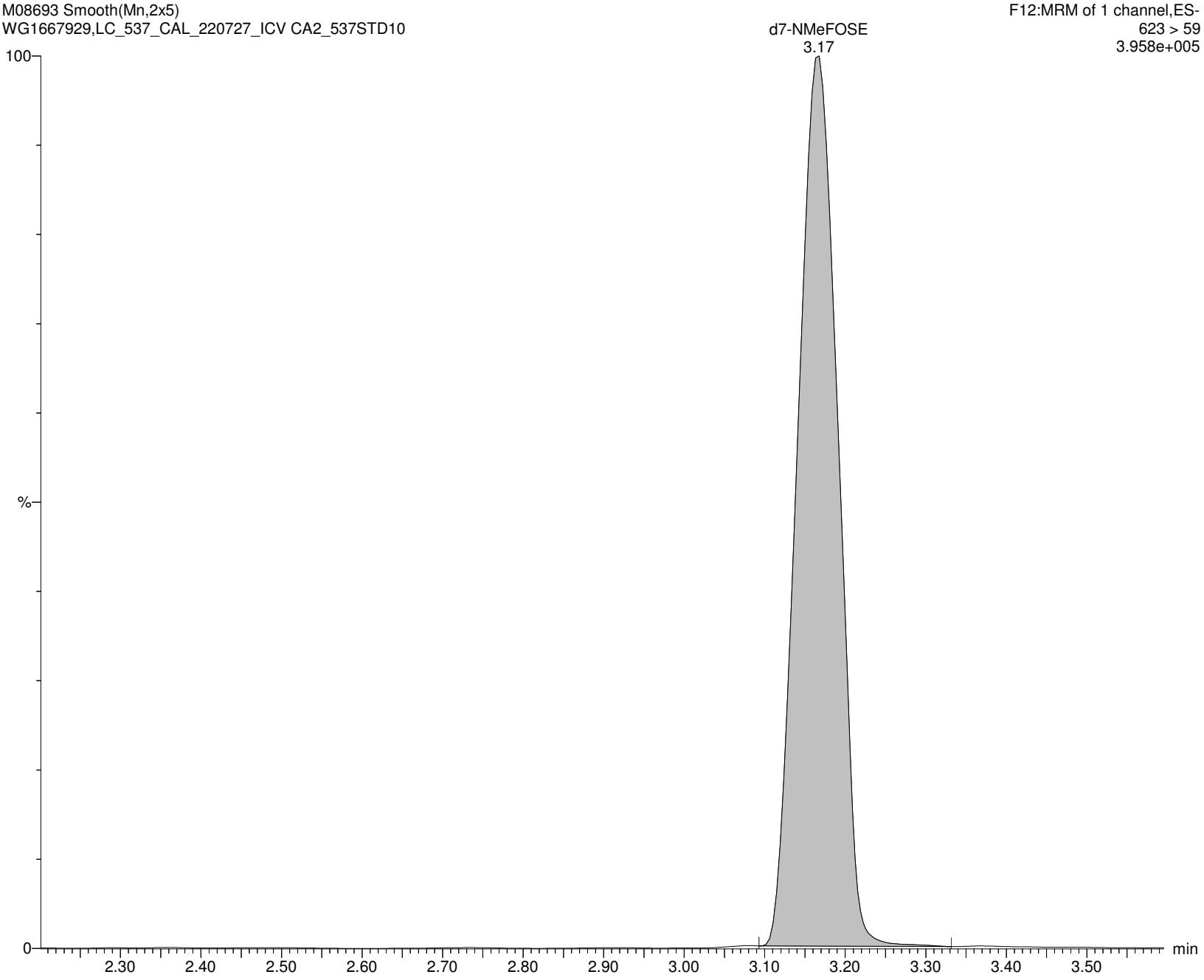


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICV.qld
Last Altered: Wednesday, July 27, 2022 13:55:42 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 14:00:44 Eastern Daylight Time

Name: M08693
ID: CA2_537STD10
Date: 27-Jul-2022
Time: 13:48:07
Description: WG1667929,LC_537_CAL_220727_ICV
User: LCMS01:RS
Vial: 1:B,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

d7-NMeFOSE

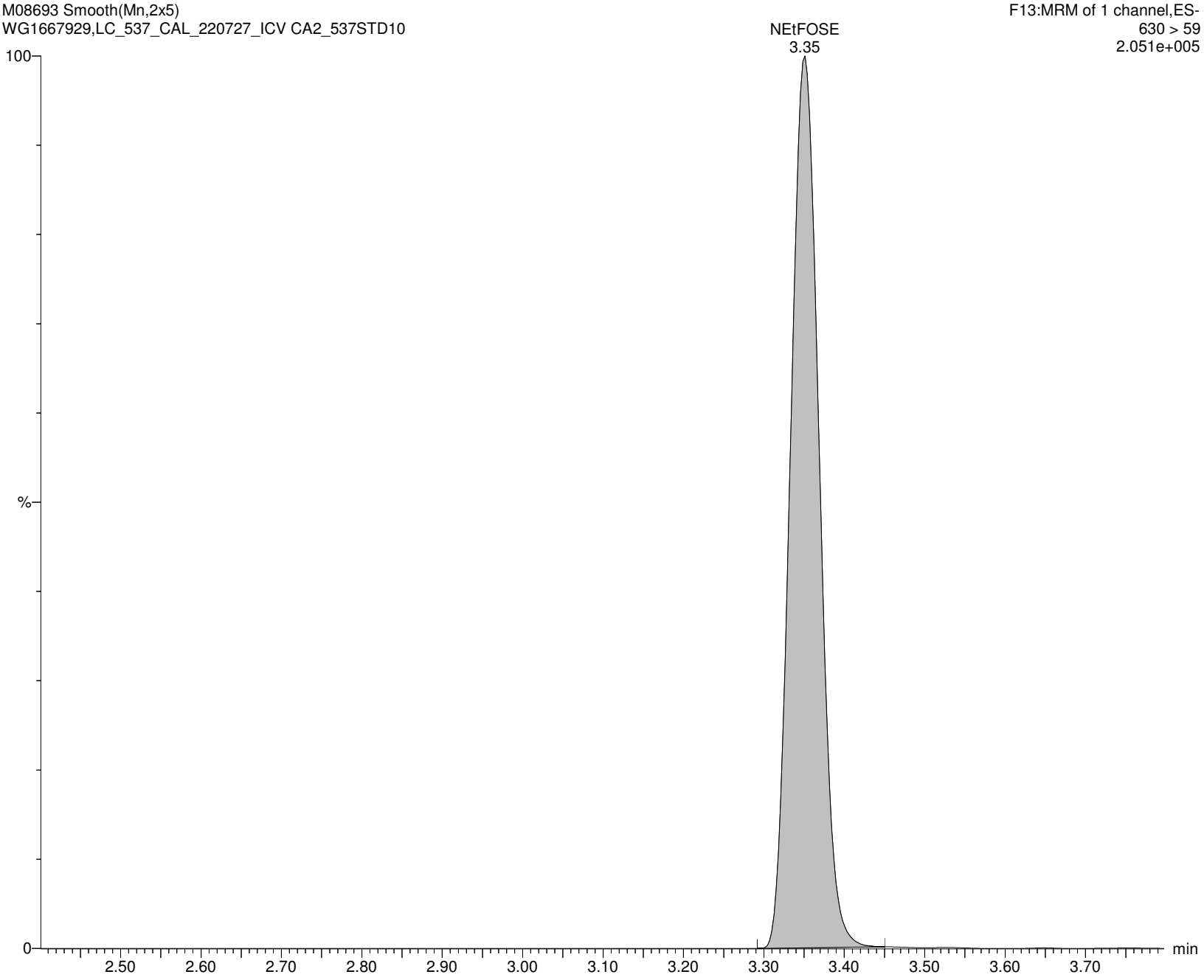


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICV.qld
Last Altered: Wednesday, July 27, 2022 13:55:42 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 14:00:44 Eastern Daylight Time

Name: M08693
ID: CA2_537STD10
Date: 27-Jul-2022
Time: 13:48:07
Description: WG1667929,LC_537_CAL_220727_ICV
User: LCMS01:RS
Vial: 1:B,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

NEtFOSE

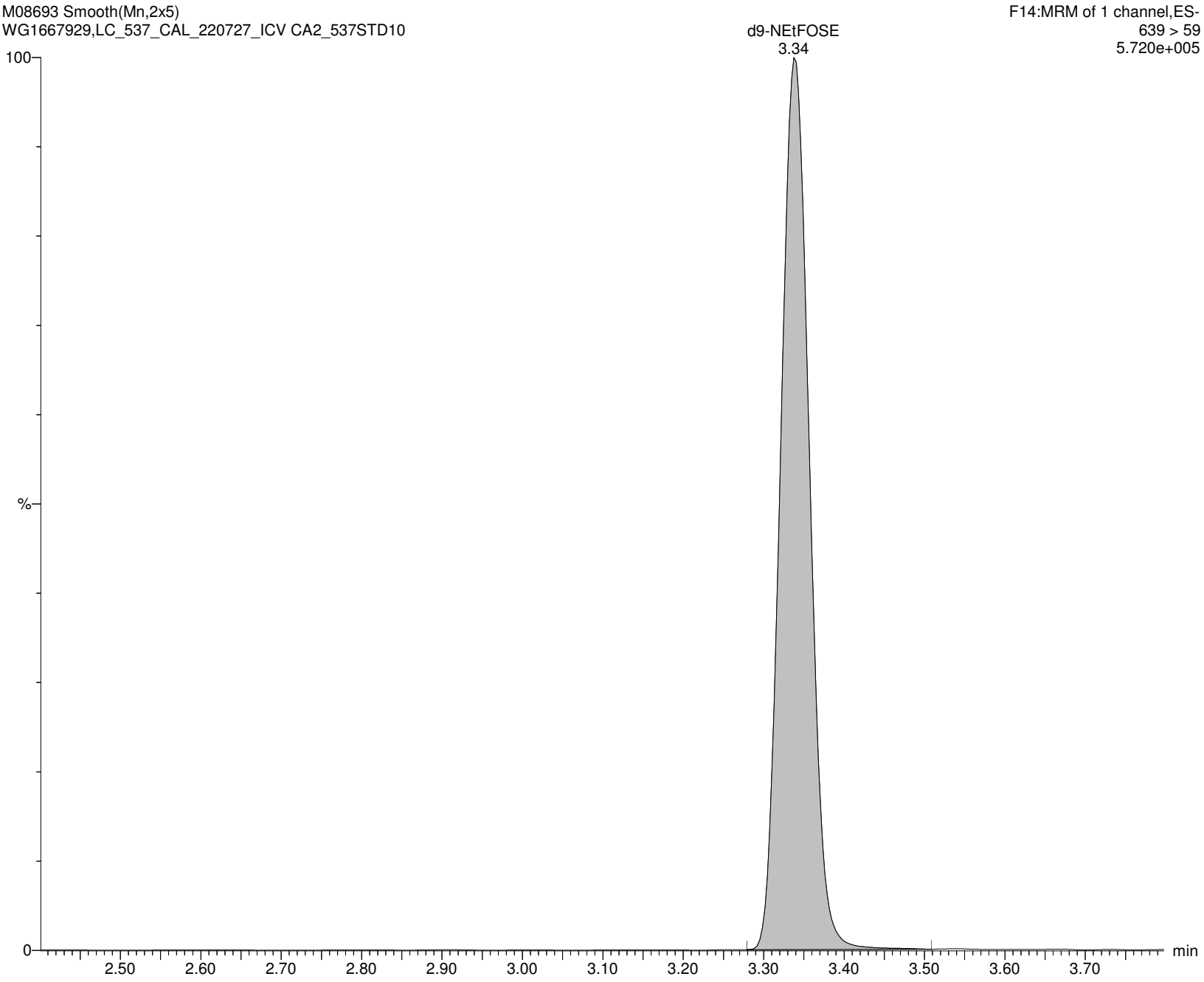


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.PRO\Data\WG1667929-ICV.qld
Last Altered: Wednesday, July 27, 2022 13:55:42 Eastern Daylight Time
Printed: Wednesday, July 27, 2022 14:00:44 Eastern Daylight Time

Name: M08693
ID: CA2_537STD10
Date: 27-Jul-2022
Time: 13:48:07
Description: WG1667929,LC_537_CAL_220727_ICV
User: LCMS01:RS
Vial: 1:B,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220727_537ISO_MEOH_ICAL.pro\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

d9-NEtFOSE



all concentration units in (ng/mL)

	Compound Name	CAS Number	Compound Type	Quantification Trace	Include Quan Trace in Response?
1	M5PFNA	INT STD		468 > 423	YES
2	M2-PFUDA	INT STD		565.1 > 520.1	YES
3	FOSA	754-91-6		497.989 > 78.245	YES
4	M8FOSA	INT STD		506.053 > 78.286	YES
5	NMeFOSA			512.163 > 169.022	YES
6	d3-NMeFOSA			515.183 > 169.022	YES
7	NEtFOSA			526.192 > 169.022	YES
8	d5-NEtFOSA			531.224 > 169.022	YES
9	NMeFOSE			616 > 59	YES
10	d7-NMeFOSE			623 > 59	YES
11	NEtFOSE			630 > 59	YES
12	d9-NEtFOSE			639 > 59	YES

	Acquisition Func Number	Conc of Std: Levels	Conc of Std: Conc	Use Stock Conc Factor	Stock Conc Factor
1	3	Fixed	10.0000	NO	0.0000
2	10	Fixed	10.0000	NO	0.0000
3	4	Conc A	0.0000	NO	0.0000
4	5	Fixed	10.0000	NO	0.0000
5	6	Conc A	0.0000	NO	5.0000
6	7	Fixed	100.0000	NO	0.9420
7	8	Conc A	0.0000	NO	5.0000
8	9	Fixed	100.0000	NO	0.9420
9	11	Conc A	0.0000	NO	2.5000
10	12	Fixed	100.0000	NO	0.9420
11	13	Conc A	0.0000	NO	2.5000
12	14	Fixed	100.0000	NO	0.9420

	Use absolute mass win...	Chro Mass Window (Da)	Chro Mass Window (ppm)	Locate Peak Using	Propagate RT?
1	YES	0.0200	10.0000	Retention Time	NO
2	YES	0.0200	10.0000	Retention Time	NO
3	YES	0.0200	10.0000	Retention Time	NO
4	YES	0.0200	10.0000	Retention Time	NO
5	YES	0.0200	10.0000	Retention Time	NO
6	YES	0.0200	10.0000	Retention Time	NO
7	YES	0.0200	10.0000	Retention Time	NO
8	YES	0.0200	10.0000	Retention Time	NO
9	YES	0.0200	10.0000	Retention Time	NO
10	YES	0.0200	10.0000	Retention Time	NO
11	YES	0.0200	10.0000	Retention Time	NO
12	YES	0.0200	10.0000	Retention Time	NO

	Min Sig/Noise Ratio	Flag Sig/Noise Ratio?	Target Ion RT Win (mins) ±	Quantification Ratio
1	2.00	NO	0.0200	1.0000
2	2.00	NO	0.0200	1.0000
3	2.00	NO	0.1000	1.0000
4	2.00	NO	0.0200	1.0000
5	2.00	NO	0.2000	1.0000
6	2.00	NO	0.0500	1.0000
7	2.00	NO	0.2000	1.0000
8	2.00	NO	0.2000	1.0000
9	2.00	NO	0.2000	1.0000
10	2.00	NO	0.2000	1.0000
11	2.00	NO	0.2000	1.0000
12	2.00	NO	0.2000	1.0000

	Quantification Ratio Tolerance (...	Update Ion Ratios Using Multi-Samples?	Target Acquisition Function
1	0.00	YES	0.0000000000
2	0.00	YES	0.0000000000
3	0.00	YES	0.0000000000
4	0.00	YES	0.0000000000
5	0.00	YES	0.0000000000
6	0.00	YES	0.0000000000
7	0.00	YES	0.0000000000
8	0.00	YES	0.0000000000
9	0.00	YES	0.0000000000
10	0.00	YES	0.0000000000
11	0.00	YES	0.0000000000
12	0.00	YES	0.0000000000

	Calculate Ion Ratio Tolerance As	Target Ion Ratio Method	1:Ion Trace	1:Ion Ratio	1:Ion Ratio Win (%) ±
1	Ratio	Quan/Target		0.0000	50
2	Ratio	Quan/Target		0.0000	50
3	Ratio	Quan/Target	497.989 > 168.854	180.1160	50
4	Ratio	Quan/Target		0.0000	50
5	Ratio	Quan/Target	512.163 > 218.918	1.6000	50
6	Ratio	Quan/Target		0.0000	50
7	Ratio	Quan/Target	526.192 > 118.893	7.4580	50
8	Ratio	Quan/Target		0.0000	50
9	Ratio	Quan/Target		0.0000	50
10	Ratio	Quan/Target		0.0000	50
11	Ratio	Quan/Target		0.0000	50
12	Ratio	Quan/Target		0.0000	50

537 PFC MeOH ISO ICAL

Standard Description: **537 MeOH Cal Stock 1000**

Standard Laboratory ID Number: **LCMS_537_MCALSTK_220713**

Assigned Lab ID	Chemical Name	Stock Concentration(ug/mL)	Vendor/Part Number/location	Stock Volume (uL)	Final Volume (mL)	Solvent	Standard Concentration (ng/mL)
LCMS200812AJ	FOSA	50.00	**Wellington FOSA-I / Semi 05**	200	10.0	50:50 MeOH:H2O	1000.000
LCMS211018AR	NMeFOSA	50.00	**Wellington N-MeFOSA-M / Semi 05**	200	10.0	50:50 MeOH:H2O	1000.000
LCMS210516BE	NMeFOSE	50.00	**Wellington N-MeFOSE-M / Semi 05**	200	10.0	50:50 MeOH:H2O	1000.000
LCMS21216A	NEtFOSA	50.00	**Wellington N-EtFOSA-M / Semi 05**	200	10.0	50:50 MeOH:H2O	1000.000
LCMS210807G	NEtFOSE	50.00	**Wellington N-EtFOSE-M / Semi 05**	200	10.0	50:50 MeOH:H2O	1000.000
Solution Prepared By:	RS		Date Prepared:	July 13, 2022		Expiration Date:	November 30, 2022
Solvent Lot	50:50 MeOH:DIH20 EC113021G		Refrigerator / Freezer No:	537 Fridge P7			

Standard Description: **537 MeOH Cal L7; 250**

Standard Laboratory ID Number: **LCMS_537_MCAL_220713_7**

Assigned Lab ID	Chemical Name	Stock Concentration(ng/mL)	Vendor/Part Number/location	Stock Volume (uL)	Final Volume (mL)	Solvent	Conc. In 15 mL (ng/mL)
LCMS_537_MCALSTK_220713	MeOH CAL STOCK	1000.00	**N/A**	250	15.0	50:50 MeOH:H2O	16.667
LC_537_ISO_SURR_ADD_220630	MeOH EIS	500.00	**N/A**	20	15.0	50:50 MeOH:H2O	0.667
LC_537_ISO_SURR_220707	ISO SURR	500.00	**N/A**	20	15.0	50:50 MeOH:H2O	0.667
LC_537_MEOH_ISTD_220707	MeOH REC IS	500.00	**N/A**	20	15.0	50:50 MeOH:H2O	0.667
Solution Prepared By:	RS		Date Prepared:	July 13, 2022		Expiration Date:	November 30, 2022
Solvent Lot	50:50 MeOH:DIH20 EC113021G		Refrigerator / Freezer No:	537 Fridge P7			

Standard Description: **537 MeOH Cal L6; 100**

Standard Laboratory ID Number: **LCMS_537_MCAL_220713_6**

Assigned Lab ID	Chemical Name	Stock Concentration(ng/mL)	Vendor/Part Number/location	Stock Volume (uL)	Final Volume (mL)	Solvent	Conc. In 15 mL (ng/mL)
LC_537_ISO_SURR_ADD_220630	MeOH EIS	500.00	**NA**	20	15.0	50:50 MeOH:H2O	0.667
LC_537_ISO_SURR_220707	ISO SURR	500.00	**N/A**	20	15.0	50:50 MeOH:H2O	0.667
LC_537_MEOH_ISTD_220707	MeOH REC IS	500.00	**NA**	20	15.0	50:50 MeOH:H2O	0.667
LCMS_537_MCALSTK_220713	MeOH CAL STOCK	1000.00	**NA**	100	15.0	50:50 MeOH:H2O	6.667
Solution Prepared By:	RS		Date Prepared:	July 13, 2022		Expiration Date:	November 30, 2022
Solvent Lot	50:50 MeOH:DIH20 EC113021G		Refrigerator / Freezer No:	537 Fridge P7			

Standard Description: **537 MeOH Cal L5; 25**

Standard Laboratory ID Number: **LCMS_537_MCAL_220713_5**

Assigned Lab ID	Chemical Name	Stock Concentration(ng/mL)	Vendor/Part Number/location	Stock Volume (uL)	Final Volume (mL)	Solvent	Conc. In 15 mL (ng/mL)
LC_537_ISO_SURR_ADD_220630	MeOH EIS	500.00	**NA**	20	15.0	50:50 MeOH:H2O	0.667
LC_537_ISO_SURR_220707	ISO SURR	500.00	**N/A**	20	15.0	50:50 MeOH:H2O	0.667
LC_537_MEOH_ISTD_220707	MeOH REC IS	500.00	**NA**	20	15.0	50:50 MeOH:H2O	0.667
LCMS_537_MCALSTK_220713	MeOH CAL STOCK	1000.00	**NA**	25	15.0	50:50 MeOH:H2O	1.667
Solution Prepared By:	RS		Date Prepared:	July 13, 2022		Expiration Date:	November 30, 2022
Solvent Lot	50:50 MeOH:DIH20 EC113021G		Refrigerator / Freezer No:	537 Fridge P7			

Standard Description: **537 MeOH Cal L4; 10**

Standard Laboratory ID Number: **LCMS_537_MCAL_220713_4**

Assigned Lab ID	Chemical Name	Stock Concentration(ng/mL)	Vendor/Part Number/location	Stock Volume (uL)	Final Volume (mL)	Solvent	Conc. In 15 mL (ng/mL)
LC_537_ISO_SURR_ADD_220630	MeOH EIS	500.00	**NA**	20	15.0	50:50 MeOH:H2O	0.667
LC_537_ISO_SURR_220707	ISO SURR	500.00	**N/A**	20	15.0	50:50 MeOH:H2O	0.667
LC_537_MEOH_ISTD_220707	MeOH REC IS	500.00	**NA**	20	15.0	50:50 MeOH:H2O	0.667
LCMS_537_MCALSTK_220713	MeOH CAL STOCK	1000.00	**NA**	10	15.0	50:50 MeOH:H2O	0.667
Solution Prepared By:	RS		Date Prepared:	July 13, 2022		Expiration Date:	November 30, 2022
Solvent Lot	50:50 MeOH:DIH20 EC113021G		Refrigerator / Freezer No:	537 Fridge P7			

Standard Description: **537 MeOH Cal L3; 2.5**

Standard Laboratory ID Number: **LCMS_537_MCAL_220713_3**

Assigned Lab ID	Chemical Name	Stock Concentration(ng/mL)	Vendor/Part Number/location	Stock Volume (uL)	Final Volume (mL)	Solvent	Conc. In 15 mL (ng/mL)
LC_537_ISO_SURR_ADD_220630	MeOH EIS	500.00	**NA**	20	15.0	50:50 MeOH:H2O	0.667
LC_537_ISO_SURR_220707	ISO SURR	500.00	**N/A**	20	15.0	50:50 MeOH:H2O	0.667
LC_537_MEOH_ISTD_220707	MeOH REC IS	500.00	**NA**	20	15.0	50:50 MeOH:H2O	0.667
LC_537_MCAL_210713_7	MeOH CAL STOCK	16.67	**NA**	150	15.0	50:50 MeOH:H2O	0.167
Solution Prepared By:	RS		Date Prepared:	July 13, 2022		Expiration Date:	November 30, 2022
Solvent Lot	50:50 MeOH:DIH20 EC113021G		Refrigerator / Freezer No:	537 Fridge P7			

Standard Description: **537 MeOH Cal L2; 1.0**

Standard Laboratory ID Number: **LCMS_537_MCAL_220713_2**

Assigned Lab ID	Chemical Name	Stock Concentration(ng/mL)	Vendor/Part Number/location	Stock Volume (uL)	Final Volume (mL)	Solvent	Conc. In 15 mL (ng/mL)
LC_537_ISO_SURR_ADD_220630	MeOH ISTD	500.00	**NA**	20	15.0	50:50 MeOH:H2O	0.667
LC_537_ISO_SURR_220707	ISO SURR	500.00	**N/A**	20	15.0	50:50 MeOH:H2O	0.667
LC_537_MEOH_ISTD_220707	MeOH SURR	500.00	**NA**	20	15.0	50:50 MeOH:H2O	0.667
LC_537_MCAL_210713_7	MeOH CAL STOCK	16.67	**NA**	60	15.0	50:50 MeOH:H2O	0.067
Solution Prepared By:	RS		Date Prepared:	July 13, 2022		Expiration Date:	November 30, 2022
Solvent Lot	50:50 MeOH:DIH20 EC113021G		Refrigerator / Freezer No:	537 Fridge P7			

Standard Description: **537 MeOH Cal L2; 0.5**

Standard Laboratory ID Number: **LCMS_537_MCAL_220713_1**

Assigned Lab ID	Chemical Name	Stock Concentration(ng/mL)	Vendor/Part Number/location	Stock Volume (uL)	Final Volume (mL)	Solvent	Conc. In 15 mL (ng/mL)
LC_537_ISO_SURR_ADD_220630	MeOH ISTD	500.00	**NA**	20	15.0	50:50 MeOH:H2O	0.667
LC_537_ISO_SURR_220707	ISO SURR	500.00	**N/A**	20	15.0	50:50 MeOH:H2O	0.667
LC_537_MEOH_ISTD_220707	MeOH SURR	500.00	**NA**	20	15.0	50:50 MeOH:H2O	0.667
LC_537_MCAL_210713_7	MEOH ICAl Level 7	16.67	**NA**	30	15.0	50:50 MeOH:H2O	0.033
Solution Prepared By:	RS		Date Prepared:	July 13, 2022		Expiration Date:	November 30, 2022
Solvent Lot	50:50 MeOH:DIH20 EC113021G		Refrigerator / Freezer No:	537 Fridge P7			

537 PFC MeOH ISO ICV

Standard Description: **537 MeOH ICV Stock 1000**

Standard Laboratory ID Number: **LCMS_537_MICV_220727**

Assigned Lab ID	Chemical Name	Stock Concentration(ug/mL)	Vendor/Part Number/location	Stock Volume (uL)	Final Volume (mL)	Solvent	Standard Concentration (ng/mL)
LCMS200812AK	FOSA	50.00	**Wellington FOSA-I / Semi 05**	200	10.0	50:50 MeOH:H2O	1000.000
LCMS211018AS	NMeFOSA	50.00	**Wellington N-MeFOSA-M / Semi 05**	200	10.0	50:50 MeOH:H2O	1000.000
LCMS211216K	NMeFOSE	50.00	**Wellington N-MeFOSE-M / Semi 05**	200	10.0	50:50 MeOH:H2O	1000.000
LCMS220511Q	NEtFOSA	50.00	**Wellington N-EtFOSA-M / Semi 05**	200	10.0	50:50 MeOH:H2O	1000.000
LCMS220504B	NEtFOSE	50.00	**Wellington N-EtFOSE-M / Semi 05**	200	10.0	50:50 MeOH:H2O	1000.000
Solution Prepared By:	RS		Date Prepared:	July 13, 2022		Expiration Date:	November 30, 2022
Solvent Lot	50:50 MeOH:DIH20 EC113021G		Refrigerator / Freezer No:	537 Fridge P7			

Standard Description: **537 MeOH ICV**

Standard Laboratory ID Number: **LCMS_537_MICV_220727**

Assigned Lab ID	Chemical Name	Stock Concentration(ng/mL)	Vendor/Part Number/location	Stock Volume (uL)	Final Volume (mL)	Solvent	Conc. In 15 mL (ng/mL)	Conc. At 1 mL final Volume (ng/mL)
LC_537_ISO_SURR_ADD_220706A	MeOH EIS	500.00	**NA**	20	15.0	50:50 MeOH:H2O	0.667	10.000
LC_537_ISO_SURR_220721	ISO SURR	500.00	**N/A**	20	15.0	50:50 MeOH:H2O	0.667	10.000
LC_537_MEOH_ISTD_220719A	MeOH REC IS	500.00	**NA**	20	15.0	50:50 MeOH:H2O	0.667	10.000
LCMS_537_MICV_220727	MeOH CAL STOCK	1000.00	**NA**	10	15.0	50:50 MeOH:H2O	0.667	10.000
Solution Prepared By:	RS		Date Prepared:	July 13, 2022		Expiration Date:	November 30, 2022	
Solvent Lot	50:50 MeOH:DIH20 EC113021G		Refrigerator / Freezer No:	537 Fridge P7				

Analyst: Ray Siegener Date: 7/27/2022

Continuing Calibration

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2237198	
Project Name	: GROSSINGERS	**Project Number**	: 9313	
Instrument ID	: LCMS01	**Calibration Date**	: 07/30/22 16:34	
Lab File ID	: I24204	**Init. Calib. Date(s)**	: 07/25/22	07/26/22
Sample No	: WG1669313-1	**Init. Calib. Times**	: 23:54	02:08
Channel	:			

Compound	Concentration (ng/ml)	True Value (ng/ml)	% Recovery	QC Limits
Perfluorobutanoic Acid (PFBA)	0.435	0.500	87	50-150
Perfluoropentanoic Acid (PFPeA)	0.451	0.500	90.2	50-150
Perfluorobutanesulfonic Acid (PFBS)	0.347	0.440	78.1	50-150
Perfluorohexanoic Acid (PFHxA)	0.435	0.500	87.1	50-150
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	0.321	0.470	68.6	50-150
Perfluoropentanesulfonic Acid (PFPeS)	0.337	0.470	71.6	50-150
Perfluoroheptanoic Acid (PFHpA)	0.401	0.500	80.2	50-150
Perfluorohexanesulfonic Acid-Branched (br-PFHxS)	0.080	0.095	84.3	50-150
Perfluorohexanesulfonic Acid-Linear (L-PFHxS)	0.352	0.405	86.7	50-150
Perfluorohexanesulfonic Acid (PFHxS)	0.431	0.457	-	50-150
Perfluorooctanoic Acid-Branched (br-PFOA)			-	50-150
Perfluorooctanoic Acid-Linear (L-PFOA)	0.437	0.500	87.4	50-150
Perfluorooctanoic Acid (PFOA)	0.437	0.500	-	50-150
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	0.472	0.480	99.3	50-150
Perfluoroheptanesulfonic Acid (PFHpS)	0.329	0.480	69	50-150
Perfluorononanoic Acid (PFNA)	0.330	0.500	66	50-150
Perfluorooctanesulfonic Acid-Branched (br-PFOS)	0.079	0.106	74.4	50-150
Perfluorooctanesulfonic Acid-Linear (L-PFOS)	0.356	0.394	90.2	50-150
Perfluorooctanesulfonic Acid (PFOS)	0.434	0.464	-	50-150
Perfluorodecanoic Acid (PFDA)	0.466	0.500	93.1	50-150
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	0.546	0.480	113.7	50-150
Perfluorononanesulfonic Acid (PFNS)	0.238	0.480	49.5*	50-150
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	0.353	0.500	-	50-150
N-Methyl Perfluorooctanesulfonamidoacetic Acid-Branched (br-NMeFOSAA)	0.060	0.120	50.3	50-150
N-Methyl Perfluorooctanesulfonamidoacetic Acid-Linear (L-NMeFOSAA)	0.293	0.380	77.1	50-150
Perfluoroundecanoic Acid (PFUnA)	0.460	0.500	92	50-150
Perfluorodecanesulfonic Acid (PFDS)	0.339	0.480	70.2	50-150
Perfluorooctanesulfonamide (FOSA)	0.420	0.500	83.9	50-150
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.382	0.500	-	50-150
N-Ethyl Perfluorooctanesulfonamidoacetic Acid-Branched (br-NEtFOSAA)	0.040	0.113	35.6*	50-150
N-Ethyl Perfluorooctanesulfonamidoacetic Acid-Linear (L-NEtFOSAA)	0.342	0.388	88.3	50-150
Perfluorododecanoic Acid (PFDoA)	0.418	0.500	83.5	50-150
Perfluorotridecanoic Acid (PFTrDA)	0.370	0.500	74.1	50-150
Perfluorotetradecanoic Acid (PFTA)	0.488	0.500	97.5	50-150
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid (HFPO-DA)	5.104	5.000	102.1	50-150
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	0.411	0.473	86.9	50-150
Perfluorohexadecanoic Acid (PFHxDA)	0.510	0.500	102.1	50-150
Perfluorooctadecanoic Acid (PFODA)	0.458	0.500	91.5	50-150
Perfluorododecane Sulfonic Acid (PFDoDS)	0.394	0.484	81.5	50-150
1H,1H,2H,2H-Perfluorododecanesulfonic Acid (10:2FTS)	0.440	0.483	91.1	50-150
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	0.474	0.467	101.6	50-150
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	0.459	0.472	97.3	50-150
Perfluoro[13C4]Butanoic Acid (MPFBA)	10.185	10.000	101.8	50-150

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2237198	
Project Name	: GROSSINGERS	**Project Number**	: 9313	
Instrument ID	: LCMS01	**Calibration Date**	: 07/30/22 16:34	
Lab File ID	: I24204	**Init. Calib. Date(s)**	: 07/25/22	07/26/22
Sample No	: WG1669313-1	**Init. Calib. Times**	: 23:54	02:08
Channel	:			

Compound	Concentration (ng/ml)	True Value (ng/ml)	% Recovery	QC Limits
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	10.244	10.000	102.4	50-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	9.209	9.320	98.8	50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	8.678	9.380	92.5	50-150
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	9.313	10.000	93.1	50-150
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	9.982	10.000	99.8	50-150
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	9.849	9.480	103.9	50-150
Perfluoro[13C8]Octanoic Acid (M8PFOA)	9.916	10.000	99.2	50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	9.556	9.510	100.5	50-150
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	11.245	10.000	112.4	50-150
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	10.446	9.590	108.9	50-150
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	10.730	10.000	107.3	50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	9.447	9.600	98.4	50-150
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	8.718	10.000	87.2	50-150
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	11.550	10.000	115.5	50-150
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	10.730	10.000	107.3	50-150
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	8.889	10.000	88.9	50-150
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	11.311	10.000	113.1	50-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	11.401	10.000	114	50-150
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-13C3-Propanoic Acid (M3HFPO-DA)	198.554	200.000	99.3	50-150
Perfluoro[13C2]Hexadecanoic Acid (M2PFHxDA)	12.803	10.000	128	50-150
1H,1H,2H,2H-Perfluorododecane Sulfonate (M2D4-10:2FTS)	22.623	19.600	115.4	50-150
M4PFOS	12.891		128.9	
M2PFDA	13.658		136.6	
M2PFOA	13.098		131	
M3PFBA	12.319		123.2	

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2237198	
Project Name	: GROSSINGERS	**Project Number**	: 9313	
Instrument ID	: LCMS01	**Calibration Date**	: 07/30/22 23:45	
Lab File ID	: I24230	**Init. Calib. Date(s)**	: 07/25/22	07/26/22
Sample No	: WG1669313-3	**Init. Calib. Times**	: 23:54	02:08
Channel	:			

Compound	Concentration (ng/ml)	True Value (ng/ml)	% Recovery	QC Limits
Perfluorobutanoic Acid (PFBA)	0.435	0.500	86.9	50-150
Perfluoropentanoic Acid (PFPeA)	0.409	0.500	81.8	50-150
Perfluorobutanesulfonic Acid (PFBS)	0.359	0.440	81	50-150
Perfluorohexanoic Acid (PFHxA)	0.438	0.500	87.7	50-150
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	0.476	0.470	101.6	50-150
Perfluoropentanesulfonic Acid (PFPeS)	0.400	0.470	85.1	50-150
Perfluoroheptanoic Acid (PFHpA)	0.434	0.500	86.8	50-150
Perfluorohexanesulfonic Acid-Branched (br-PFHxS)	0.075	0.095	78.9	50-150
Perfluorohexanesulfonic Acid-Linear (L-PFHxS)	0.350	0.405	86.3	50-150
Perfluorohexanesulfonic Acid (PFHxS)	0.425	0.457	-	50-150
Perfluorooctanoic Acid-Branched (br-PFOA)			-	50-150
Perfluorooctanoic Acid-Linear (L-PFOA)	0.431	0.500	86.1	50-150
Perfluorooctanoic Acid (PFOA)	0.431	0.500	-	50-150
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	0.458	0.480	96.4	50-150
Perfluoroheptanesulfonic Acid (PFHpS)	0.459	0.480	96.3	50-150
Perfluorononanoic Acid (PFNA)	0.362	0.500	72.5	50-150
Perfluorooctanesulfonic Acid-Branched (br-PFOS)	0.092	0.106	87.1	50-150
Perfluorooctanesulfonic Acid-Linear (L-PFOS)	0.378	0.394	95.8	50-150
Perfluorooctanesulfonic Acid (PFOS)	0.470	0.464	-	50-150
Perfluorodecanoic Acid (PFDA)	0.363	0.500	72.7	50-150
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	0.543	0.480	113.1	50-150
Perfluorononanesulfonic Acid (PFNS)	0.404	0.480	83.9	50-150
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	0.504	0.500	-	50-150
N-Methyl Perfluorooctanesulfonamidoacetic Acid-Branched (br-NMeFOSAA)	0.148	0.120	123.6	50-150
N-Methyl Perfluorooctanesulfonamidoacetic Acid-Linear (L-NMeFOSAA)	0.355	0.380	93.5	50-150
Perfluoroundecanoic Acid (PFUnA)	0.340	0.500	68.1	50-150
Perfluorodecanesulfonic Acid (PFDS)	0.364	0.480	75.5	50-150
Perfluorooctanesulfonamide (FOSA)	0.467	0.500	93.4	50-150
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.412	0.500	-	50-150
N-Ethyl Perfluorooctanesulfonamidoacetic Acid-Branched (br-NEtFOSAA)	0.053	0.113	47.2*	50-150
N-Ethyl Perfluorooctanesulfonamidoacetic Acid-Linear (L-NEtFOSAA)	0.358	0.388	92.5	50-150
Perfluorododecanoic Acid (PFDoA)	0.451	0.500	90.2	50-150
Perfluorotridecanoic Acid (PFTrDA)	0.297	0.500	59.5	50-150
Perfluorotetradecanoic Acid (PFTA)	0.536	0.500	107.1	50-150
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid (HFPO-DA)	3.887	5.000	77.7	50-150
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	0.392	0.473	83	50-150
Perfluorohexadecanoic Acid (PFHxDA)	0.514	0.500	102.8	50-150
Perfluorooctadecanoic Acid (PFODA)	0.352	0.500	70.3	50-150
Perfluorododecane Sulfonic Acid (PFDoDS)	0.513	0.484	106	50-150
1H,1H,2H,2H-Perfluorododecanesulfonic Acid (10:2FTS)	0.436	0.483	90.3	50-150
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	0.423	0.467	90.7	50-150
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	0.374	0.472	79.3	50-150
Perfluoro[13C4]Butanoic Acid (MPFBA)	10.239	10.000	102.4	50-150

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2237198	
Project Name	: GROSSINGERS	**Project Number**	: 9313	
Instrument ID	: LCMS01	**Calibration Date**	: 07/30/22 23:45	
Lab File ID	: I24230	**Init. Calib. Date(s)**	: 07/25/22	07/26/22
Sample No	: WG1669313-3	**Init. Calib. Times**	: 23:54	02:08
Channel	:			

Compound	Concentration (ng/ml)	True Value (ng/ml)	% Recovery	QC Limits
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	10.294	10.000	102.9	50-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	9.511	9.320	102	50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	8.599	9.380	91.7	50-150
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	8.643	10.000	86.4	50-150
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	9.631	10.000	96.3	50-150
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	10.183	9.480	107.4	50-150
Perfluoro[13C8]Octanoic Acid (M8PFOA)	9.932	10.000	99.3	50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	9.793	9.510	103	50-150
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	9.896	10.000	99	50-150
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	10.360	9.590	108	50-150
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	11.236	10.000	112.4	50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	11.237	9.600	117.1	50-150
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	8.041	10.000	80.4	50-150
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	11.169	10.000	111.7	50-150
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	9.914	10.000	99.1	50-150
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	8.371	10.000	83.7	50-150
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	10.742	10.000	107.4	50-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	10.898	10.000	109	50-150
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-13C3-Propanoic Acid (M3HFPO-DA)	212.715	200.000	106.4	50-150
Perfluoro[13C2]Hexadecanoic Acid (M2PFHxDA)	12.563	10.000	125.6	50-150
1H,1H,2H,2H-Perfluorododecane Sulfonate (M2D4-10:2FTS)	19.969	19.600	101.9	50-150
M4PFOS	13.040		130.4	
M2PFDA	14.558		145.6	
M2PFOA	15.084		150.8	
M3PFBA	12.789		127.9	

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2237198	
Project Name	: GROSSINGERS	**Project Number**	: 9313	
Instrument ID	: LCMS01	**Calibration Date**	: 07/31/22 02:47	
Lab File ID	: I24241	**Init. Calib. Date(s)**	: 07/25/22	07/26/22
Sample No	: WG1669313-4	**Init. Calib. Times**	: 23:54	02:08
Channel	:			

Compound	Concentration (ng/ml)	True Value (ng/ml)	% Recovery	QC Limits
Perfluorobutanoic Acid (PFBA)	8.837	10.000	88.4	70-130
Perfluoropentanoic Acid (PFPeA)	8.779	10.000	87.8	70-130
Perfluorobutanesulfonic Acid (PFBS)	7.710	8.870	86.9	70-130
Perfluorohexanoic Acid (PFHxA)	8.545	10.000	85.5	70-130
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	9.181	9.350	98	70-130
Perfluoropentanesulfonic Acid (PFPeS)	8.325	9.400	88.5	70-130
Perfluoroheptanoic Acid (PFHpA)	8.724	10.000	87.2	70-130
Perfluorohexanesulfonic Acid-Branched (br-PFHxS)	1.758	1.893	93	70-130
Perfluorohexanesulfonic Acid-Linear (L-PFHxS)	7.672	8.107	94.6	70-130
Perfluorohexanesulfonic Acid (PFHxS)	9.430	9.140	-	70-130
Perfluorooctanoic Acid-Branched (br-PFOA)			-	70-130
Perfluorooctanoic Acid-Linear (L-PFOA)	9.066	10.000	90.7	70-130
Perfluorooctanoic Acid (PFOA)	9.066	10.000	-	70-130
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	9.081	9.500	95.5	70-130
Perfluoroheptanesulfonic Acid (PFHpS)	8.629	9.500	90.5	70-130
Perfluorononanoic Acid (PFNA)	8.434	10.000	84.3	70-130
Perfluorooctanesulfonic Acid-Branched (br-PFOS)	1.907	2.112	90.4	70-130
Perfluorooctanesulfonic Acid-Linear (L-PFOS)	7.322	7.888	92.8	70-130
Perfluorooctanesulfonic Acid (PFOS)	9.230	9.280	-	70-130
Perfluorodecanoic Acid (PFDA)	8.752	10.000	87.5	70-130
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	9.634	9.600	100.4	70-130
Perfluorononanesulfonic Acid (PFNS)	9.967	9.600	103.6	70-130
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	8.977	10.000	-	70-130
N-Methyl Perfluorooctanesulfonamidoacetic Acid-Branched (br-NMeFOSAA)	2.215	2.400	92.3	70-130
N-Methyl Perfluorooctanesulfonamidoacetic Acid-Linear (L-NMeFOSAA)	6.762	7.600	89	70-130
Perfluoroundecanoic Acid (PFUnA)	9.826	10.000	98.3	70-130
Perfluorodecanesulfonic Acid (PFDS)	10.859	9.650	112.5	70-130
Perfluorooctanesulfonamide (FOSA)	9.499	10.000	95	70-130
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	9.284	10.000	-	70-130
N-Ethyl Perfluorooctanesulfonamidoacetic Acid-Branched (br-NEtFOSAA)	2.214	2.250	98.4	70-130
N-Ethyl Perfluorooctanesulfonamidoacetic Acid-Linear (L-NEtFOSAA)	7.070	7.750	91.2	70-130
Perfluorododecanoic Acid (PFDoA)	9.190	10.000	91.9	70-130
Perfluorotridecanoic Acid (PFTrDA)	9.871	10.000	98.7	70-130
Perfluorotetradecanoic Acid (PFTA)	9.314	10.000	93.1	70-130
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid (HFPO-DA)	85.280	100.000	85.3	70-130
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	8.652	9.450	91.6	70-130
Perfluorohexadecanoic Acid (PFHxDA)	9.399	10.000	94	70-130
Perfluorooctadecanoic Acid (PFODA)	6.446	10.000	64.5*	70-130
Perfluorododecane Sulfonic Acid (PFDoDS)	9.812	9.680	101.4	70-130
1H,1H,2H,2H-Perfluorododecanesulfonic Acid (10:2FTS)	8.336	9.660	86.3	70-130
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	10.125	9.330	108.5	70-130
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	10.357	9.430	109.8	70-130
Perfluoro[13C4]Butanoic Acid (MPFBA)	10.041	10.000	100.4	50-150

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2237198	
Project Name	: GROSSINGERS	**Project Number**	: 9313	
Instrument ID	: LCMS01	**Calibration Date**	: 07/31/22 02:47	
Lab File ID	: I24241	**Init. Calib. Date(s)**	: 07/25/22	07/26/22
Sample No	: WG1669313-4	**Init. Calib. Times**	: 23:54	02:08
Channel	:			

Compound	Concentration (ng/ml)	True Value (ng/ml)	% Recovery	QC Limits
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	9.956	10.000	99.6	50-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	9.117	9.320	97.8	50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	9.231	9.380	98.4	50-150
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	8.937	10.000	89.4	50-150
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	9.701	10.000	97	50-150
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	9.312	9.480	98.2	50-150
Perfluoro[13C8]Octanoic Acid (M8PFOA)	9.728	10.000	97.3	50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	10.196	9.510	107.2	50-150
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	10.553	10.000	105.5	50-150
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	9.570	9.590	99.8	50-150
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	10.782	10.000	107.8	50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	10.582	9.600	110.2	50-150
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	9.629	10.000	96.3	50-150
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	10.696	10.000	107	50-150
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	10.367	10.000	103.7	50-150
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	9.247	10.000	92.5	50-150
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	10.789	10.000	107.9	50-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	11.367	10.000	113.7	50-150
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-13C3-Propanoic Acid (M3HFPO-DA)	207.058	200.000	103.5	50-150
Perfluoro[13C2]Hexadecanoic Acid (M2PFHxDA)	11.653	10.000	116.5	50-150
1H,1H,2H,2H-Perfluorododecane Sulfonate (M2D4-10:2FTS)	20.677	19.600	105.5	50-150
M4PFOS	14.226		142.3	
M2PFDA	14.763		147.6	
M2PFOA	15.404		154	
M3PFBA	14.241		142.4	

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2237198		
Project Name	: GROSSINGERS	**Project Number**	: 9313		
Instrument ID	: LCMS01	**Calibration Date**	: 07/31/22 11:58		
Lab File ID	: M08756	**Init. Calib. Date(s)**	: 07/27/22	07/27/22	
Sample No	: WG1669465-1	**Init. Calib. Times**	: 12:50	13:33	
Channel	:				

Compound	Concentration (ng/ml)	True Value (ng/ml)	% Recovery	QC Limits
Perfluorooctanesulfonamide (FOSA)	0.472	0.500	94.3	50-150
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	8.901	10.000	89	50-150
M5PFNA	10.649		106.5	

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Soils Engineering Services, Inc.	**Lab Number**	: L2237198	
Project Name	: GROSSINGERS	**Project Number**	: 9313	
Instrument ID	: LCMS01	**Calibration Date**	: 07/31/22 12:56	
Lab File ID	: M08764	**Init. Calib. Date(s)**	: 07/27/22	07/27/22
Sample No	: WG1669465-2	**Init. Calib. Times**	: 12:50	13:33
Channel	:			

Compound	Concentration (ng/ml)	True Value (ng/ml)	% Recovery	QC Limits
Perfluorooctanesulfonamide (FOSA)	10.701	10.000	107	70-130
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	8.665	10.000	86.7	50-150
M5PFNA	10.362		103.6	

* Value outside of QC limits.

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220730_537ISO.PRO\MethDB\537ISO_Q_220725_RT.mdb 29 Jul 2022 09:44:29
Calibration: C:\MassLynx\Data\2022\220730_537ISO.PRO\CurveDB\220725_ICAL.cdb 26 Jul 2022 09:37:13

ID: WG1669313-1,537ILOW
Name: I24204
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:SG
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.12	213.032 > 169.022	2196		0.435		na	87.0
2	M3PFBA	INT STD	2.13	216.009 > 171.999	46029		12.319		na	123.2
3	MPFBA	INT STD	2.13	217.001 > 171.999	53230		10.185		na	101.8
4	PFPeA	2706-90-3	4.96	263.039 > 219.03	2463		0.451		na	90.2
5	M5PFPEA	INT STD	4.95	268.001 > 222.999	52722		10.244		na	102.4
6	PFBS	375-73-5	5.61	299.092 > 80.062	791		0.347	2.02	NO	78.1
7	M3PFBS	INT STD	5.61	302.069 > 80.062	19277		9.209		na	98.8
8	4:2FTS	757124-72-4	6.77	327.146 > 307.139	109		0.321	1.16	NO	68.6
9	M2-4:2FTS	INT STD	6.76	329.13 > 309.124	3636		8.678		na	92.5
10	PFHxA	307-24-4	6.84	313.047 > 269.037	2829		0.435	11.93	NO	87.1
11	M5PFHxA	INT STD	6.84	318.009 > 273.007	63333		9.313		na	93.1
12	PFPeS	2706-91-4	7.16	349.1 > 80.062	753		0.337	1.76	NO	71.6
13	PFHpA	375-85-9	8.11	363.055 > 319.045	2374		0.401	3.98	NO	80.2
14	M4PFHpA	INT STD	8.11	367.025 > 322.022	56888		9.982		na	99.8
15	br-PFHxS	355-46-4	8.03	399.107 > 80.062	149	M5,M7	0.080	2.38	NO	84.3
16	L-PFHxS	355-46-4	8.27	399.107 > 80.062	729		0.352	1.63	NO	86.7
17	PFHxS	355-46-4		399.107 > 80.062	878		0.431		na	
18	M3PFHxS	INT STD	8.27	402.084 > 80.062	21472		9.849		na	103.9
19	br-PFOA	335-67-1		413.063 > 369.053			ND		YES	
20	L-PFOA	335-67-1	9.04	413.063 > 369.053	2621		0.437	7.53	NO	87.4
21	PFOA	335-67-1		413.063 > 369.053	2621		0.437		na	
22	M8PFOA	INT STD	9.04	421.002 > 376.	52516		9.916		na	99.2
23	M2PFOA	INT STD	9.04	415.048 > 370.045	54644		13.098		na	131.0
24	6:2FTS	27619-97-2	9.00	427.161 > 407.155	196		0.472	2.55	NO	99.3
25	M2-6:2FTS	INT STD	9.00	429.146 > 409.14	4777		9.556		na	100.5
26	PFHpS	375-92-8	9.14	449.115 > 80.062	812		0.329	1.49	NO	69.0
27	PFNA	375-95-1	9.80	463.071 > 419.061	2134		0.330	3.33	NO	66.0
28	M9PFNA	INT STD	9.80	472.002 > 427.	55634		11.245		na	112.4
29	br-PFOS	1763-23-1	9.66	499.123 > 80.062	207	M5,M7	0.079	3.32	NO	74.4
30	L-PFOS	1763-23-1	9.85	499.123 > 80.062	736		0.356	1.82	NO	90.2
31	PFOS	1763-23-1		499.123 > 80.062	943		0.434		na	
32	M4PFOS	INT STD	9.85	503.093 > 80.062	20518		12.891		na	128.9
33	M8PFOS	INT STD	9.85	507.062 > 80.062	21973		10.446		na	108.9
34	PFDA	335-76-2	10.43	513.078 > 469.069	1862		0.466	2.48	NO	93.1
35	M2PFDA	INT STD	10.43	515.063 > 470.061	41883		13.658		na	136.6
36	M6PFDA	INT STD	10.43	519.033 > 474.03	38792		10.730		na	107.3
37	8:2FTS	39108-34-4	10.42	527.177 > 507.171	125		0.546	1.84	NO	113.7
38	M2-8:2FTS	INT STD	10.42	529.162 > 509.155	3422		9.447		na	98.4
39	PFNS	68259-12-1	10.46	549.131 > 80.062	512		0.238	3.70	YES	49.5

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

ID: WG1669313-1,537ILOW
Name: I24204
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:SG
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.82	573.22 > 419.061	7367		8.718		na	87.2
41	br-NMeFOSAA	2355-31-9	10.68	570.202 > 419.061	10	M5,M7	0.060	0.56	NO	50.3
42	L-NMeFOSAA	2355-31-9	10.82	570.202 > 419.061	141		0.293	1.71	NO	77.1
43	NMeFOSAA	2355-31-9		570.202 > 419.061	152		0.353		na	
44	PFUnA	2058-94-8	10.97	563.086 > 519.076	1986		0.460	6.02	NO	92.0
45	M7-PFUDA	INT STD	10.97	570.033 > 525.031	42155		11.550		na	115.5
46	PFDS	335-77-3	10.99	598.926 > 80.062	558		0.339	2.32	NO	70.2
47	FOSA	754-91-6	10.92	498.146 > 78.07	2496	M7	0.420	250.31	YES	83.9
48	M8FOSA	INT STD	10.92	506.077 > 78.07	62043		10.730		na	107.3
49	d5-NEtFOSAA	INT STD	11.12	589.259 > 419.061	7706		8.889		na	88.9
50	br-NEtFOSAA	2991-50-6	10.97	584.229 > 419.061	8	M5,M7	0.040	0.36	NO	35.6
51	L-NEtFOSAA	2991-50-6	11.13	584.229 > 419.061	171		0.342	1.08	NO	88.3
52	NEtFOSAA	2991-50-6		584.229 > 419.061	179		0.382		na	
53	PFDoA	307-55-1	11.44	613.094 > 569.084	1963		0.418	16.57	YES	83.5
54	MPFDOA	INT STD	11.44	615.079 > 570.077	48744		11.311		na	113.1
55	PFTrDA	72629-94-8	11.86	663.102 > 619.092	994		0.370	9.64	YES	74.1
56	PFTA	376-06-7	12.22	713.11 > 669.1	1229		0.488	16.63	YES	97.5
57	M2PFTEDA	INT STD	12.22	715.094 > 670.092	27038		11.401		na	114.0
58	M3HFPO-DA	INT STD	7.27	287.02 > 169.022	44079		198.554		na	99.3
59	HFPO-DA	13252-13-6	7.27	285.035 > 169.022	1199	M7	5.104	73.94	YES	102.1
60	ADONA	958445-44-8	8.28	377.06 > 251.028	3331	M7	0.411	42.43	NO	86.9
61	PFHxDA		12.70	813.122 > 769.116	2039	M7	0.510	19.74	NO	102.1
62	PFODA		12.90	913.411 > 869.131	417	M7	0.458	55.70	YES	91.5
63	M2PFHxDA		12.69	815.102 > 770.108	33185		12.803		na	128.0
64	PFDoS		11.85	699.154 > 80.062	695		0.394	1.97	NO	81.5
65	M2D4-10:2FTS		11.45	633.201 > 612.189	4458		22.623		na	115.4
66	10:2FTS		11.46	627.192 > 607.186	138	M7	0.440	1.72	NO	91.1
67	9CL-PF3ONS		10.20	530.862 > 350.843	1806		0.474	7.13	YES	101.6
68	11CL-PFOUdS		11.24	630.862 > 450.854	982		0.459	3.41	NO	97.3

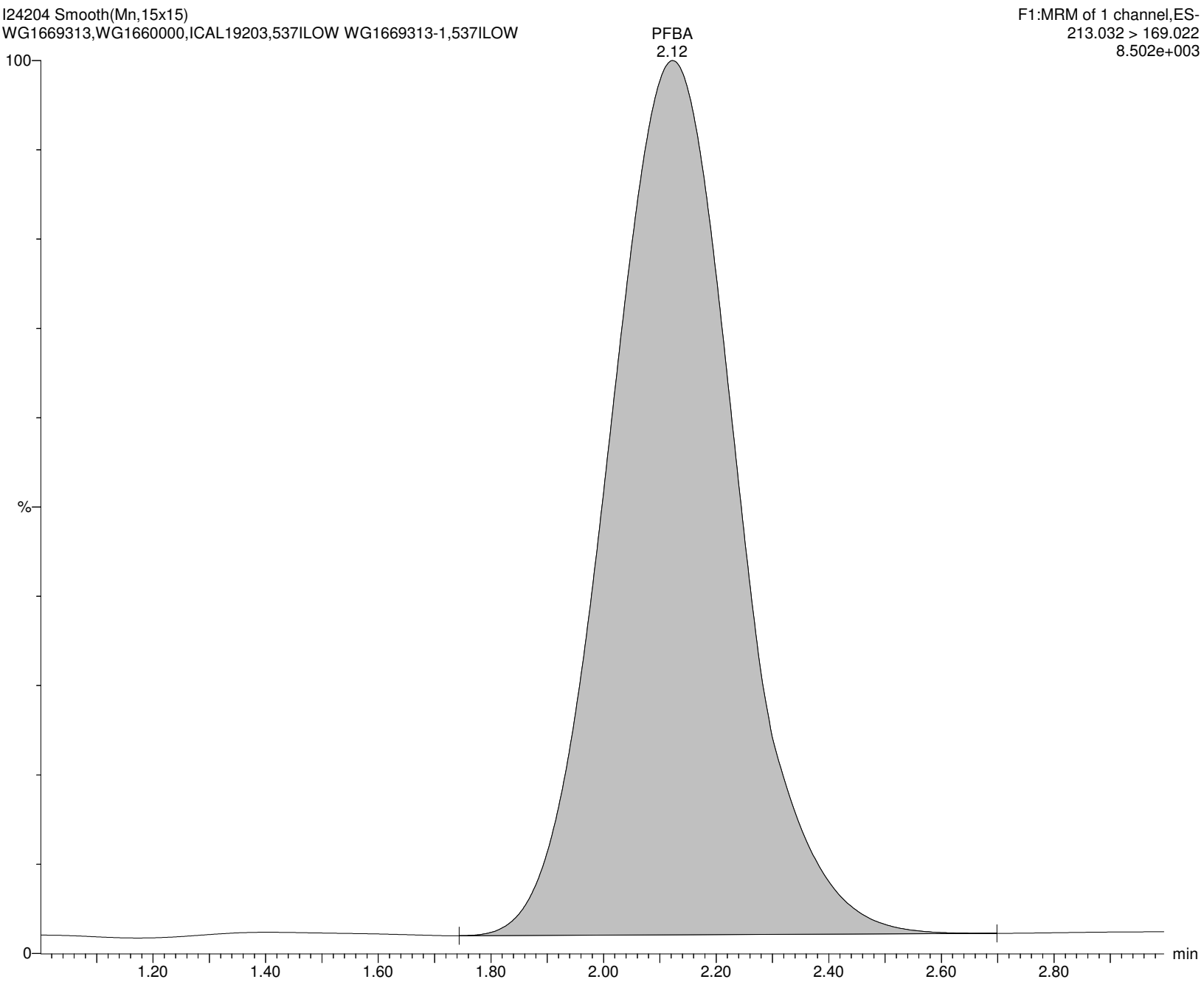
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220730_537ISO.PRO\MethDB\537ISO_Q_220725_RT.mdb 29 Jul 2022 09:44:29
Calibration: C:\MassLynx\Data\2022\220730_537ISO.PRO\CurveDB\220725_ICAL.cdb 26 Jul 2022 09:37:13

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFBA

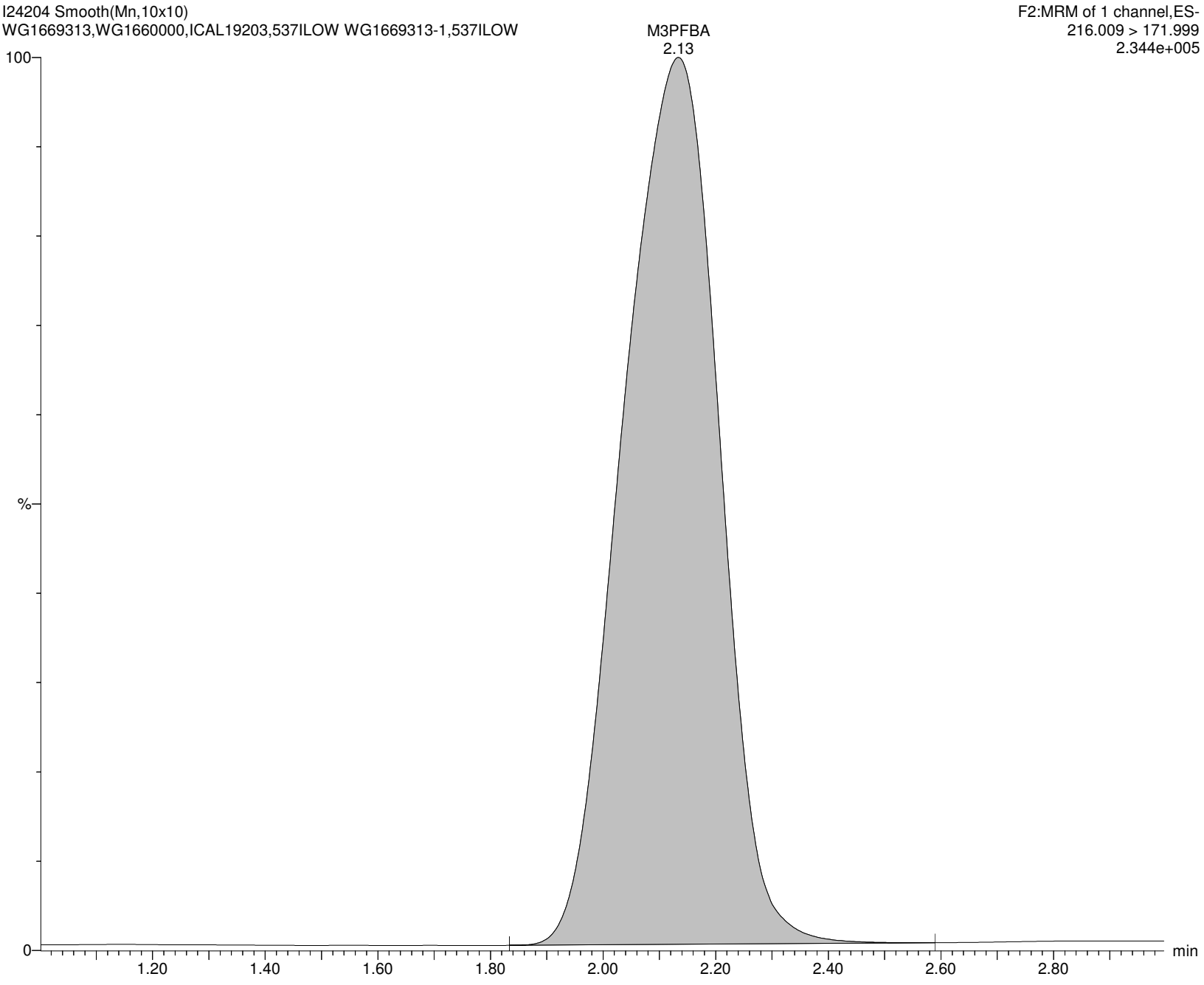


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M3PFBA

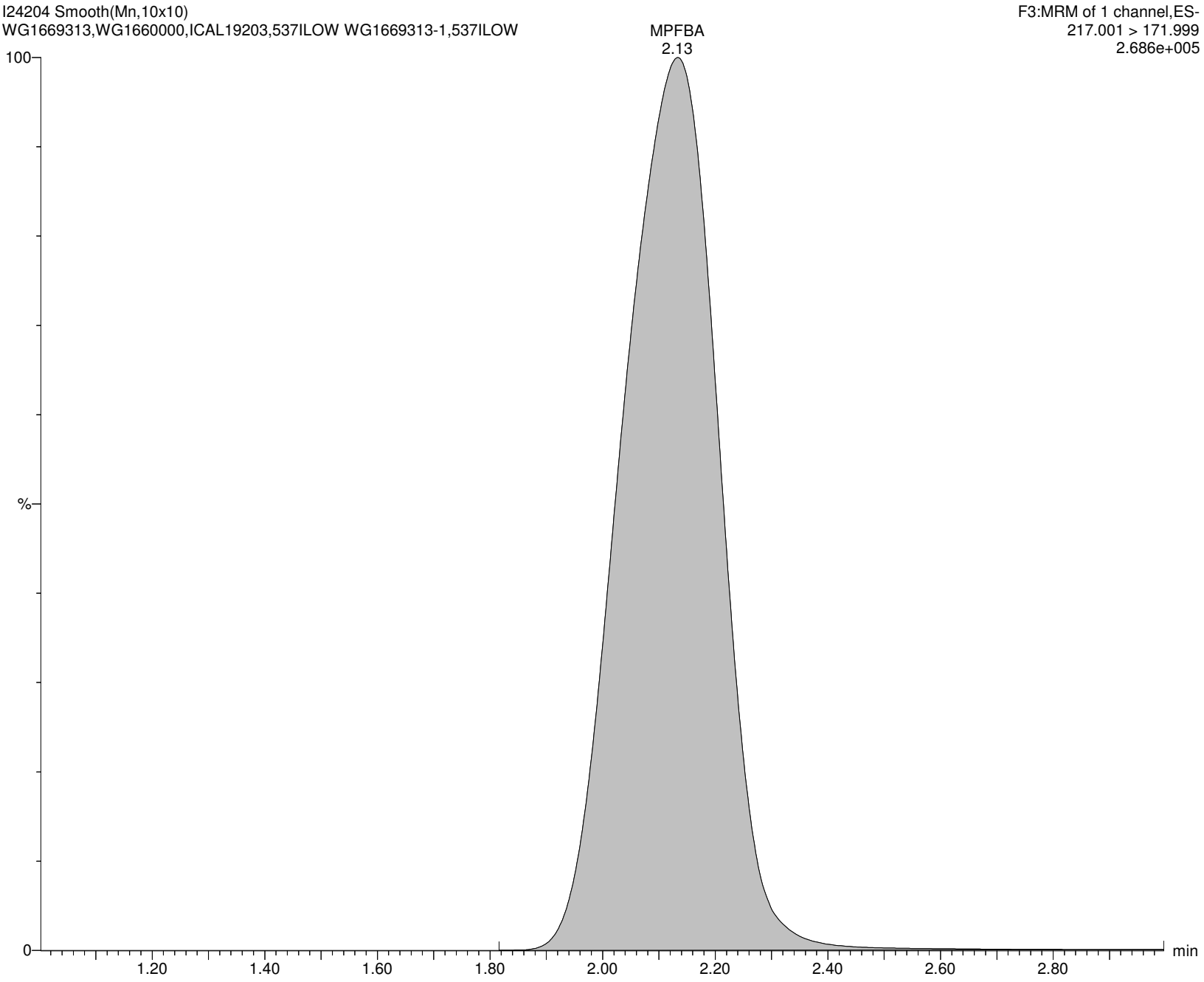


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

MPFBA

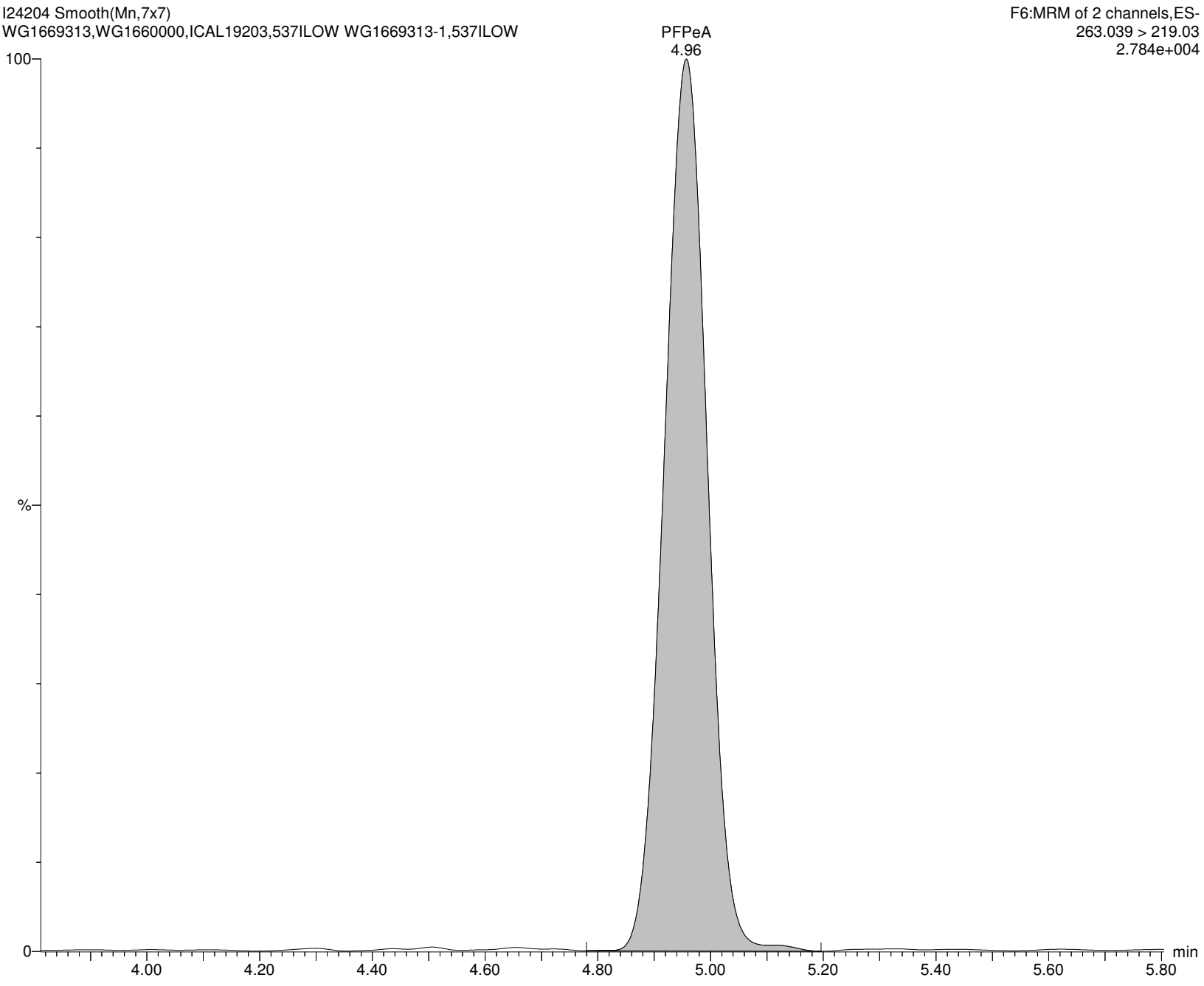


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFPeA

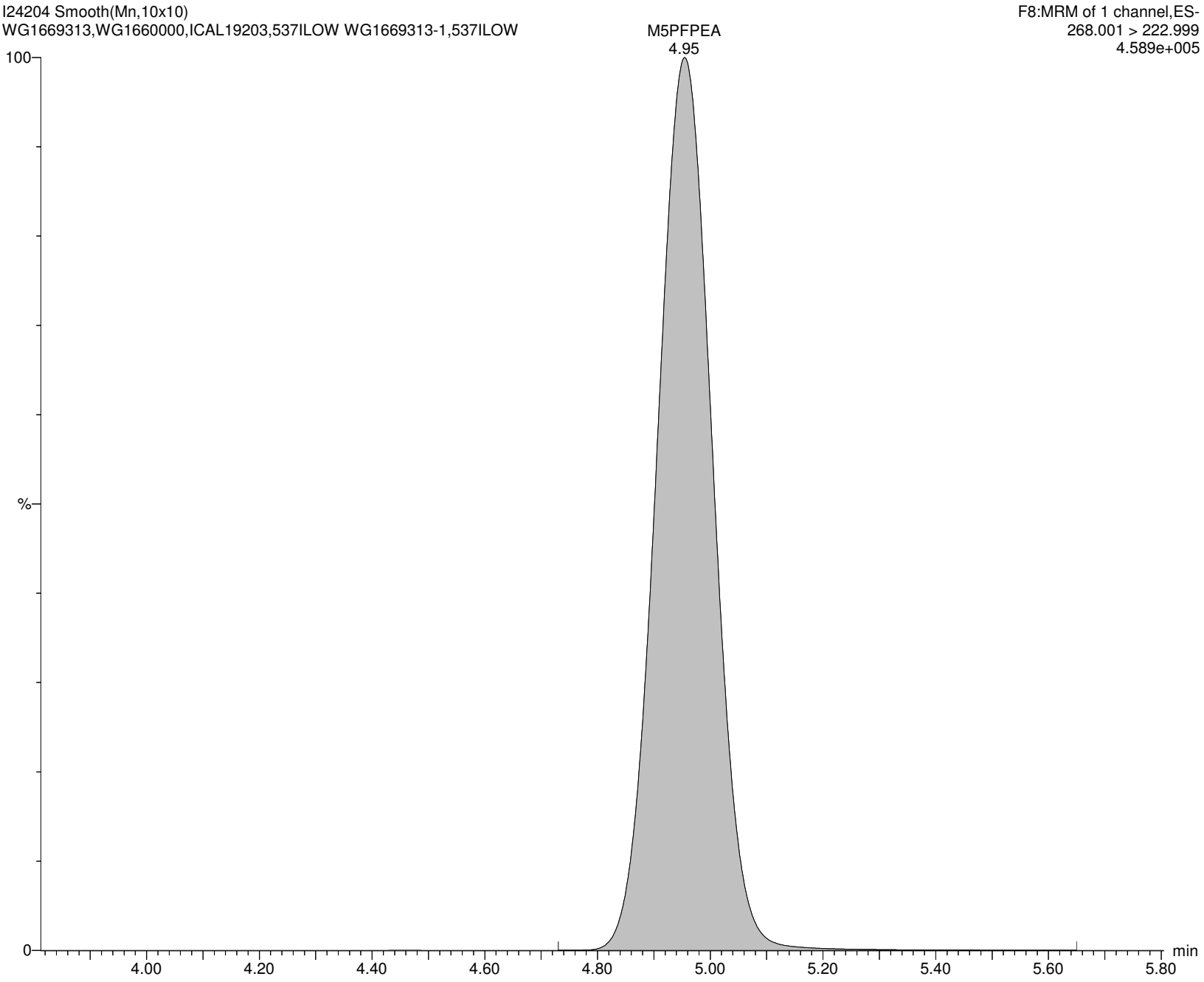


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M5PFPEA

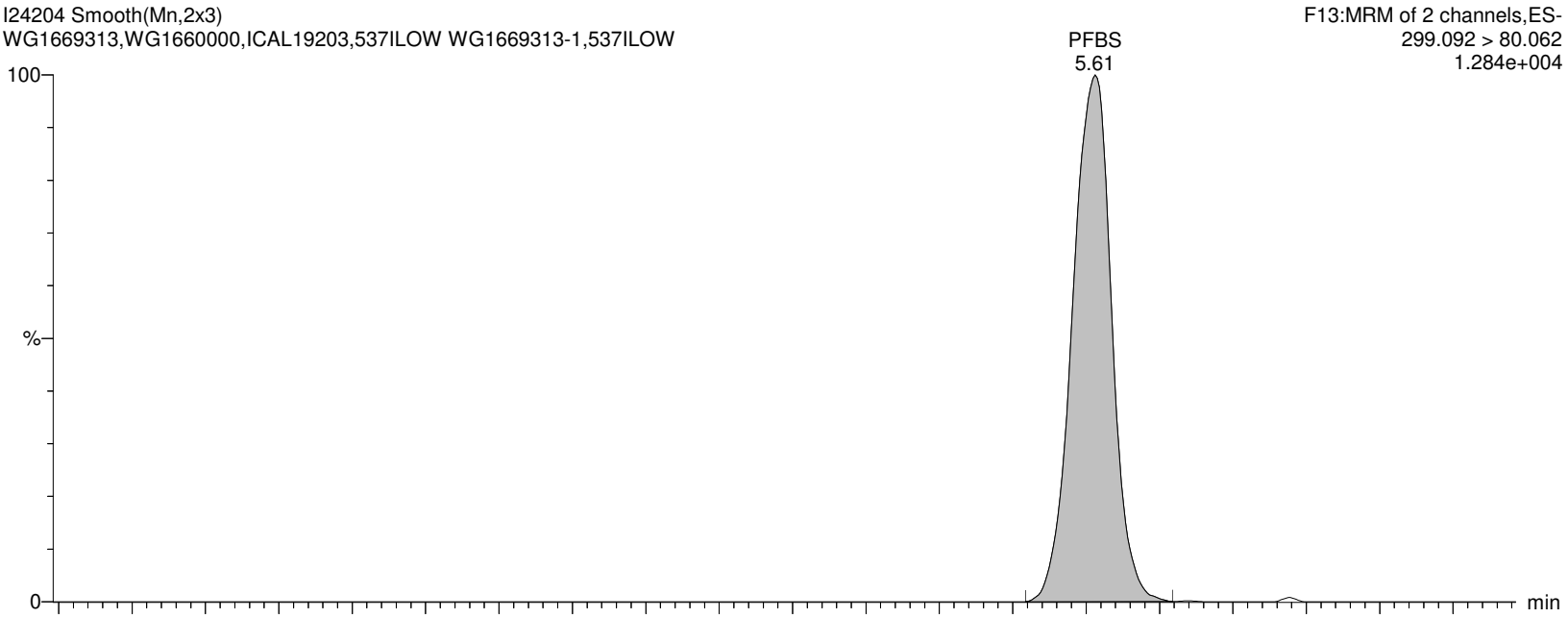


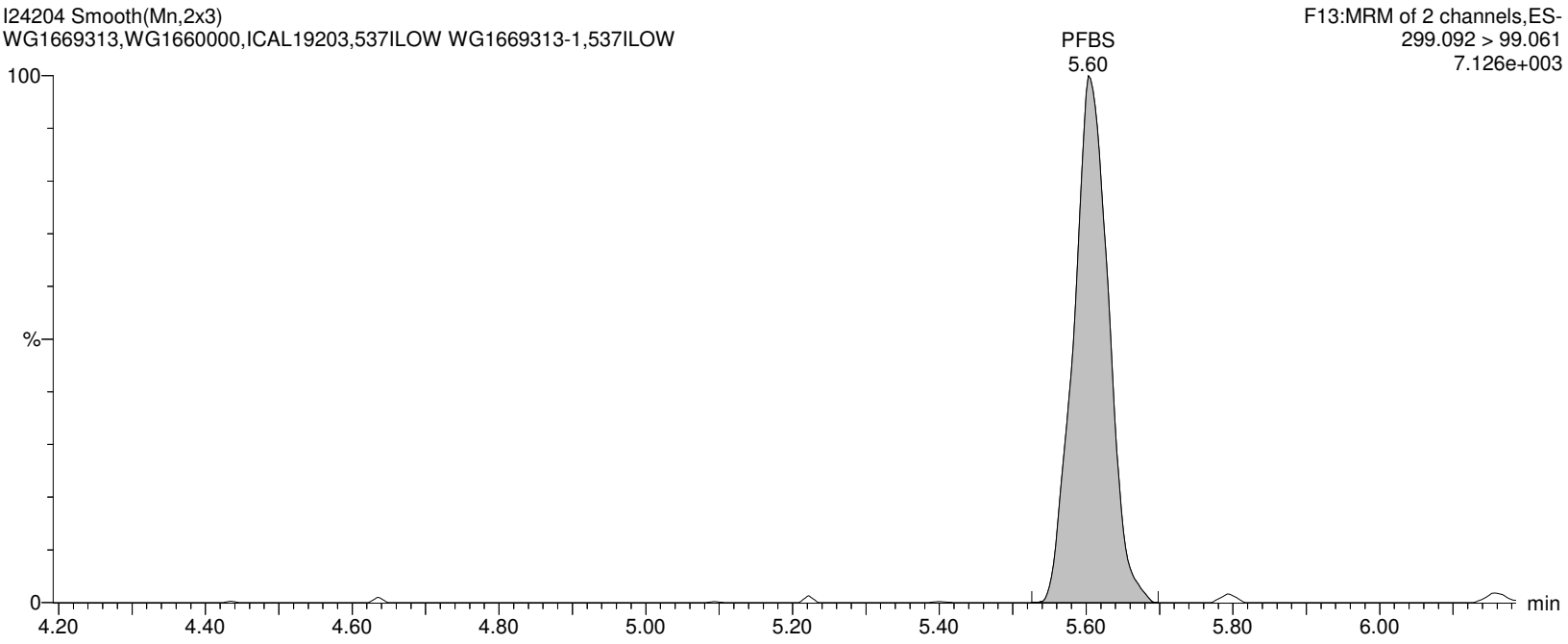
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFBS



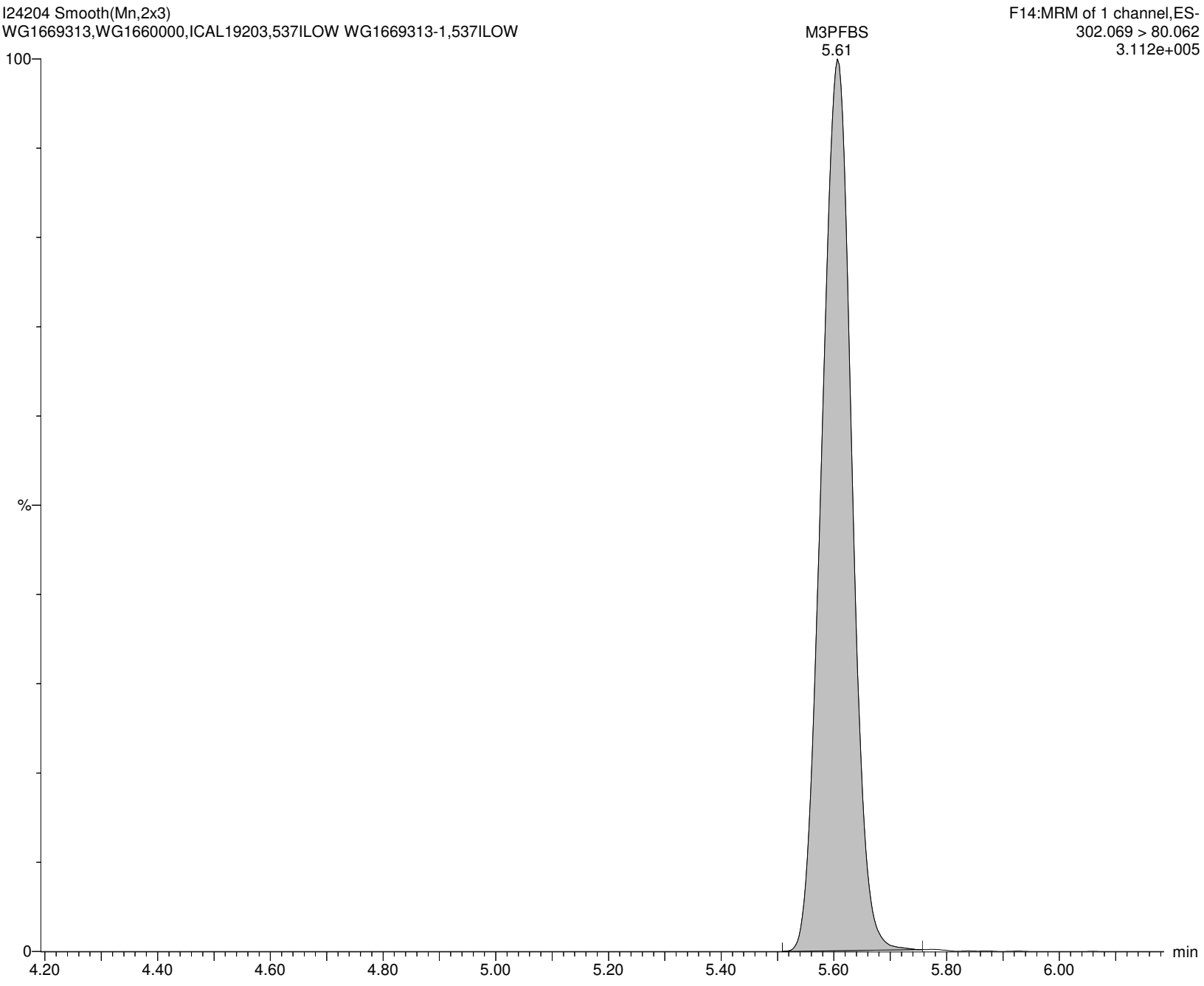


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M3PFBS

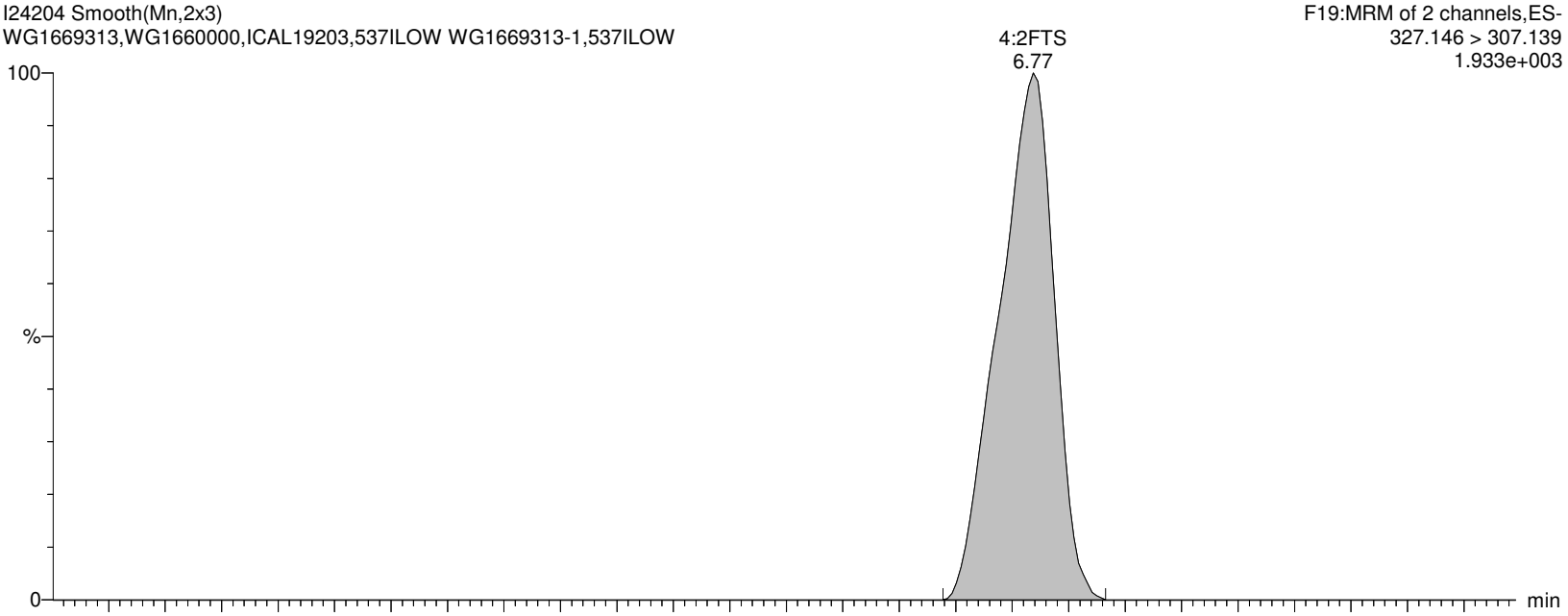


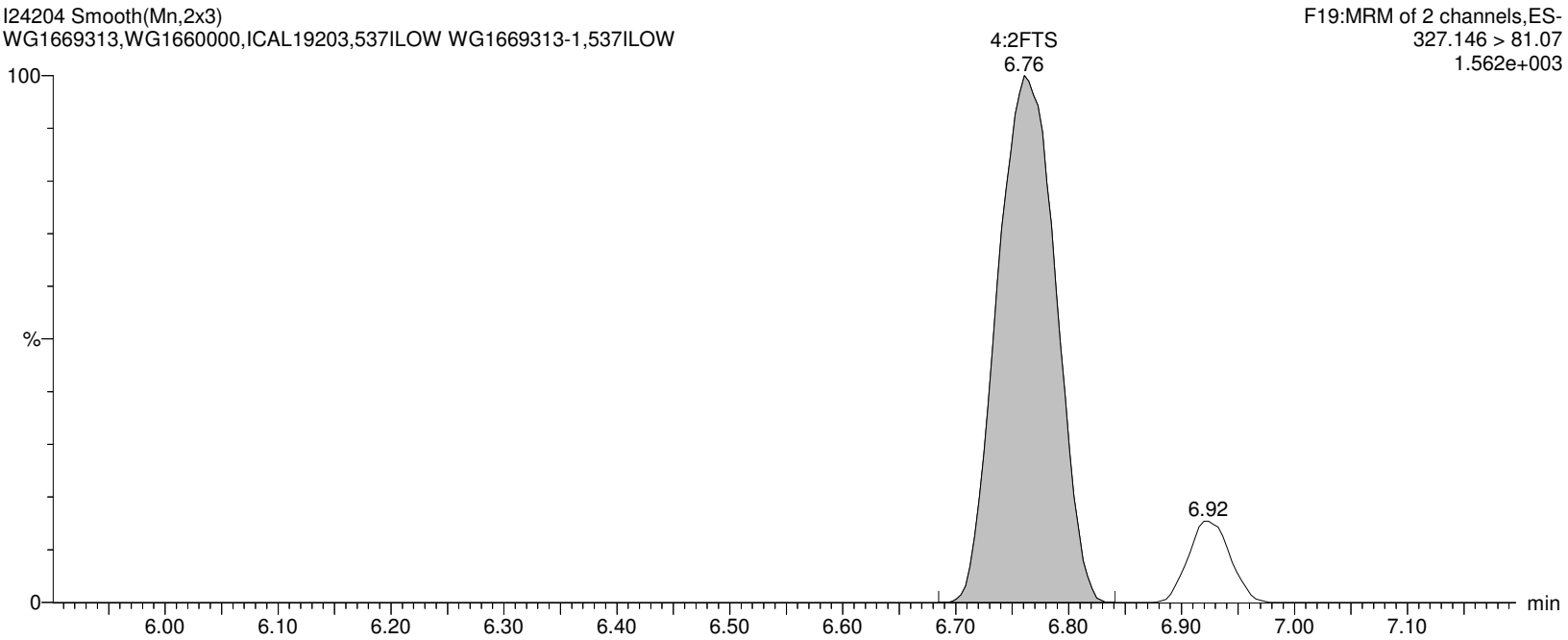
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

4:2FTS



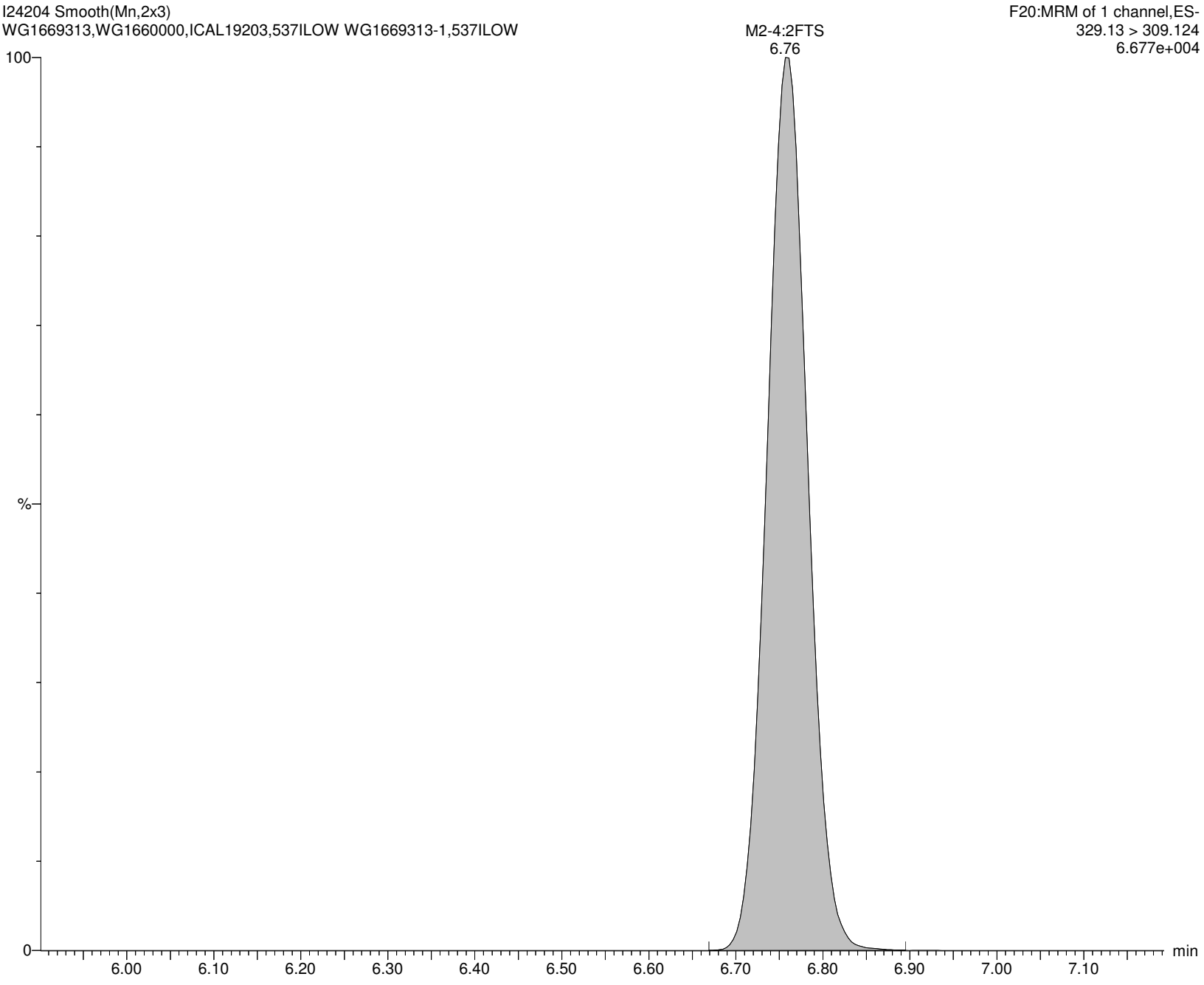


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2-4:2FTS

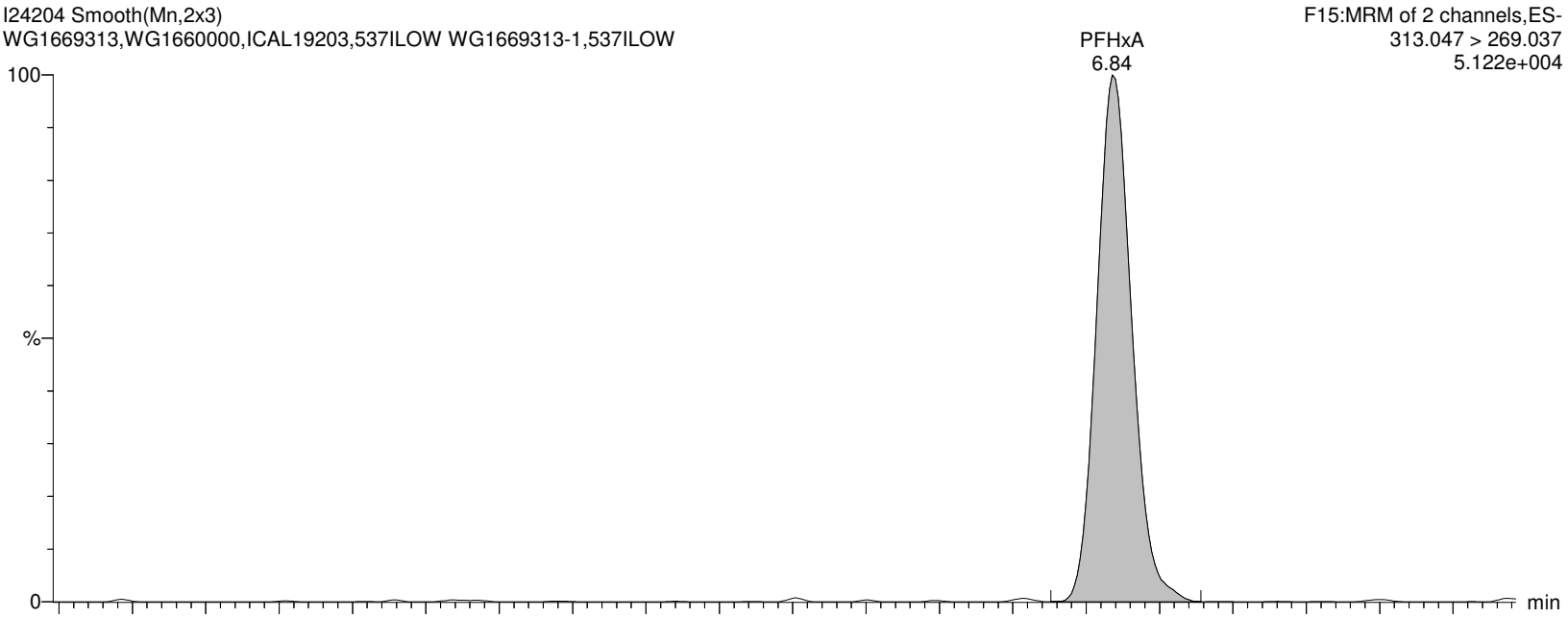


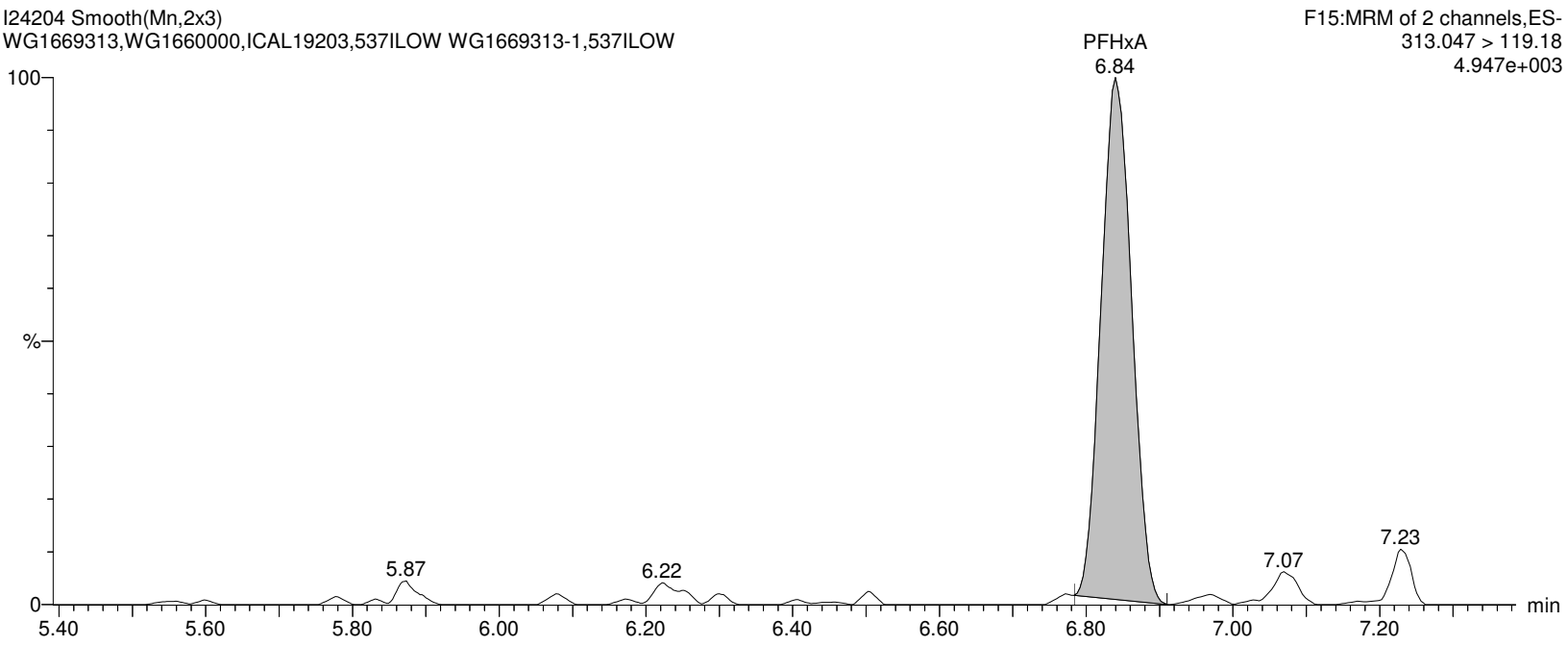
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFHxA



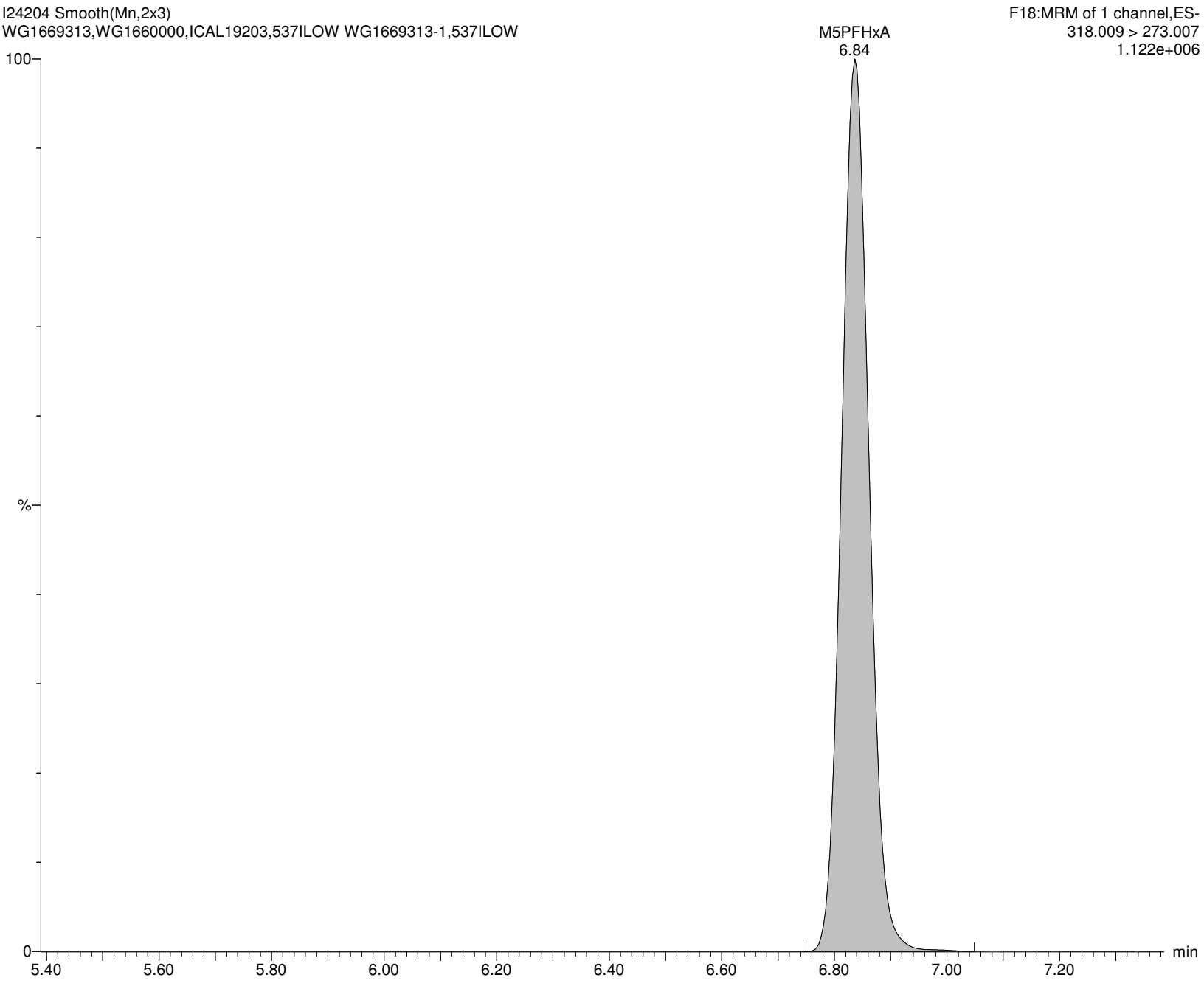


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M5PFHxA

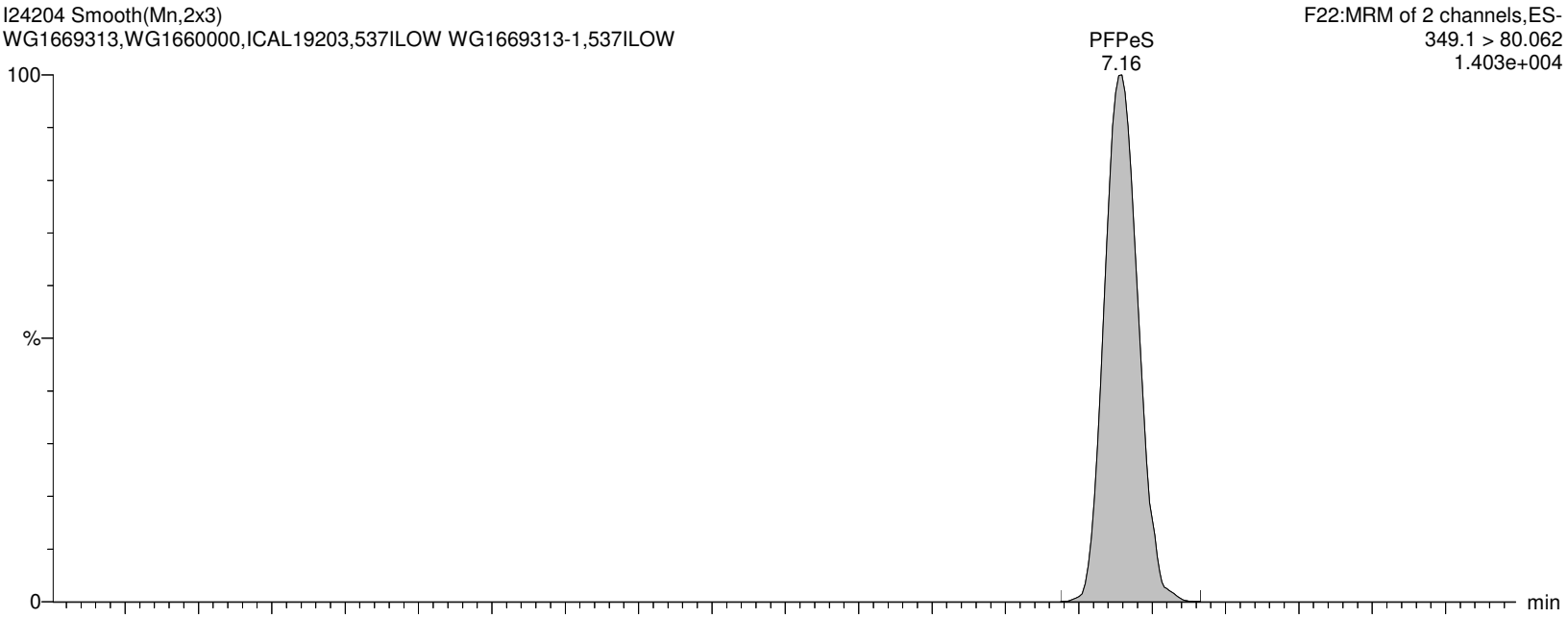


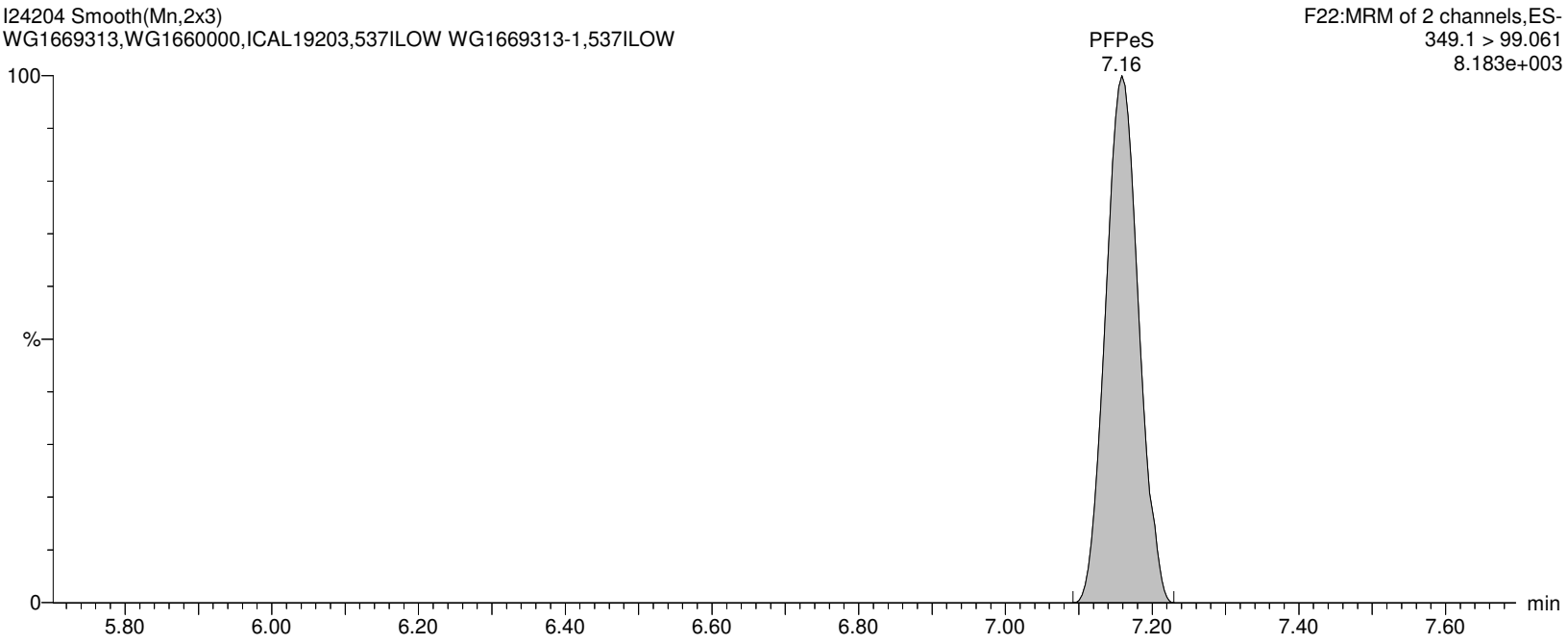
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFPeS



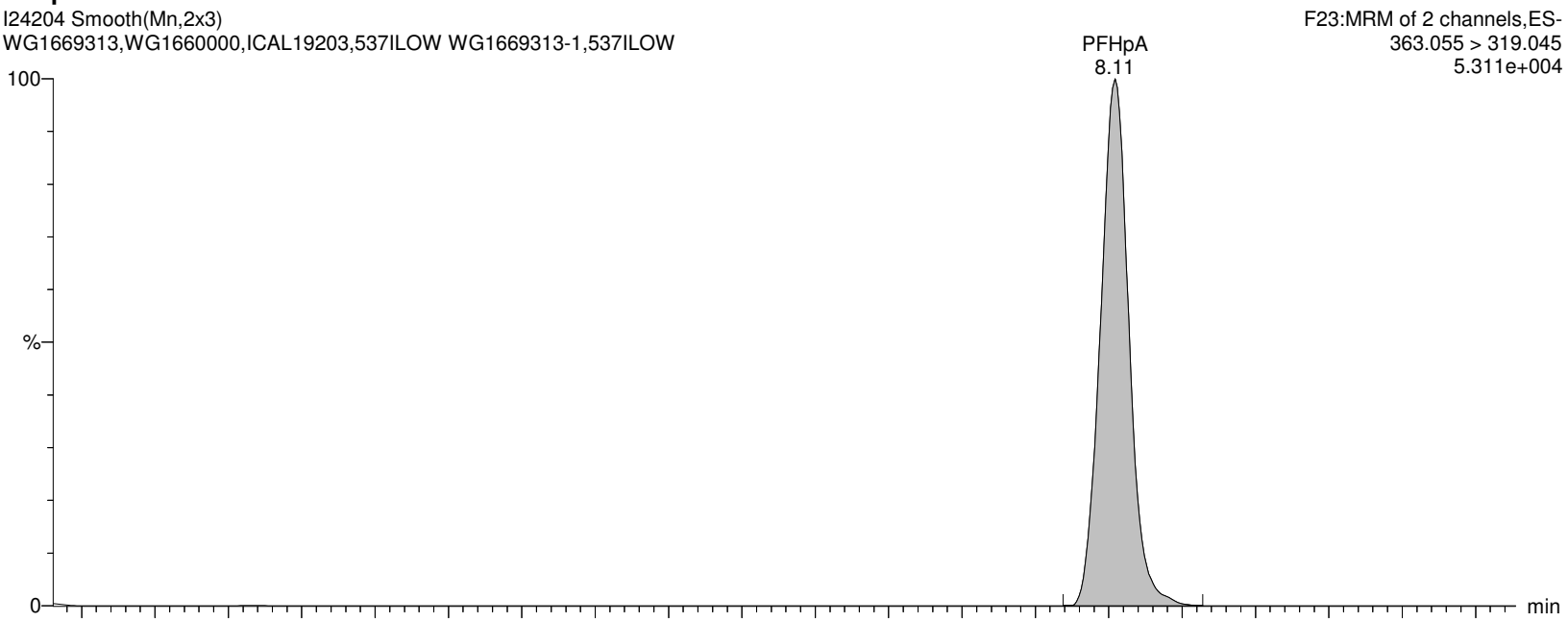


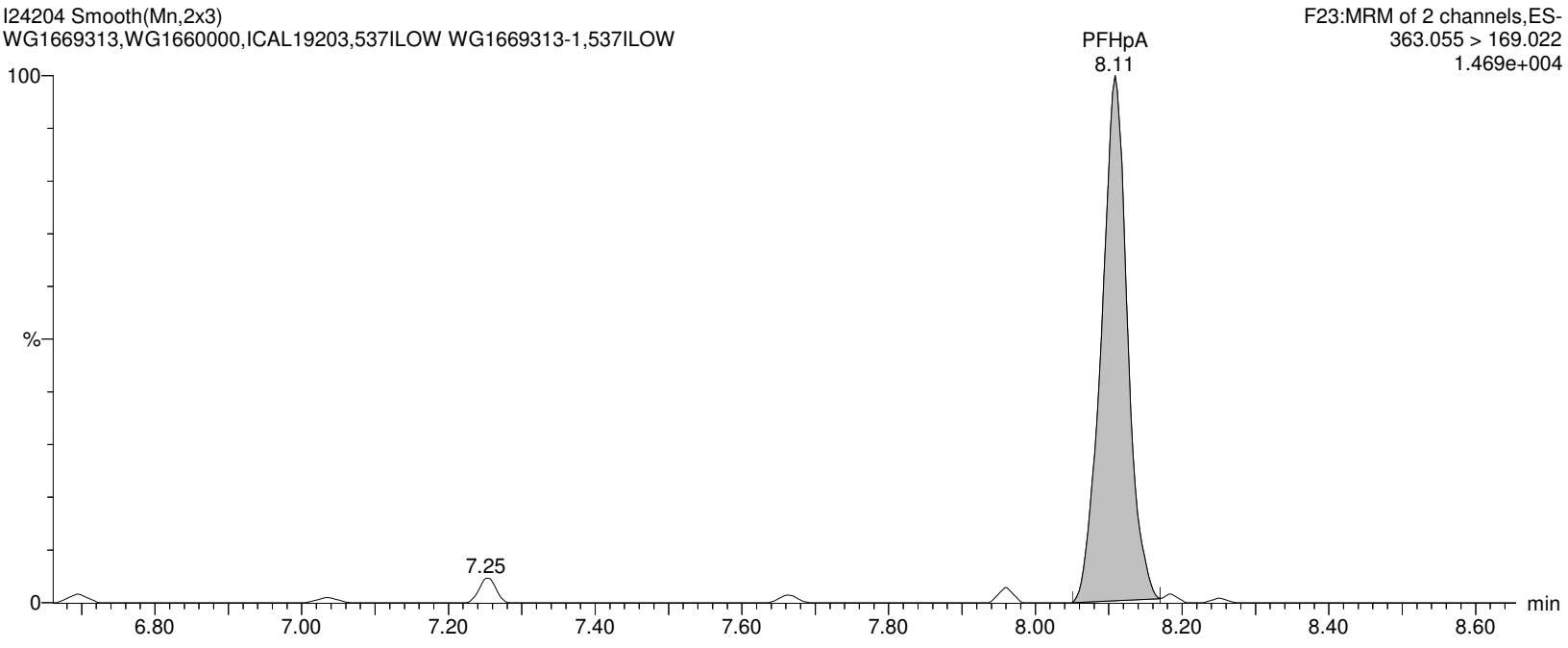
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFHpA



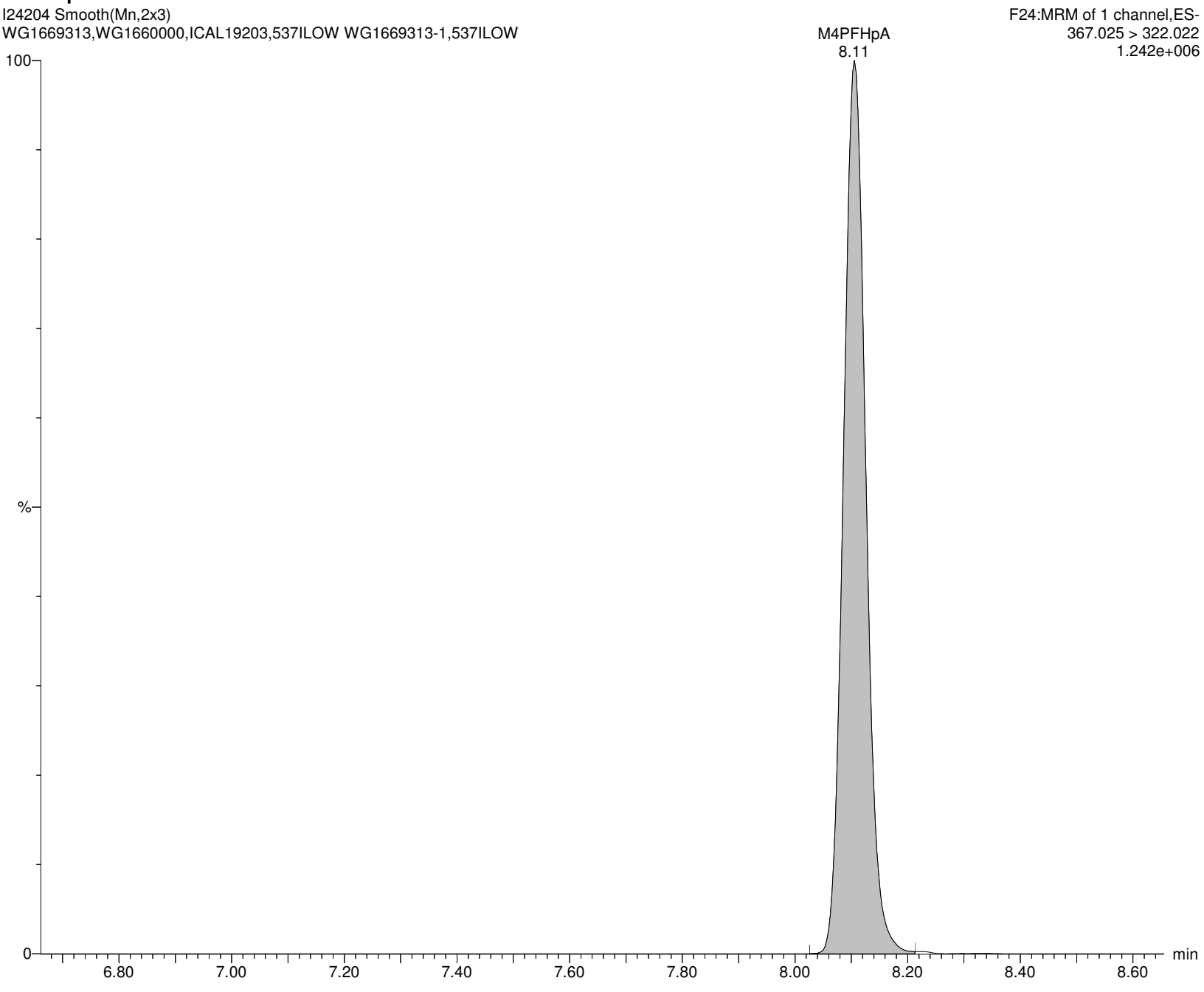


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M4PFHpA

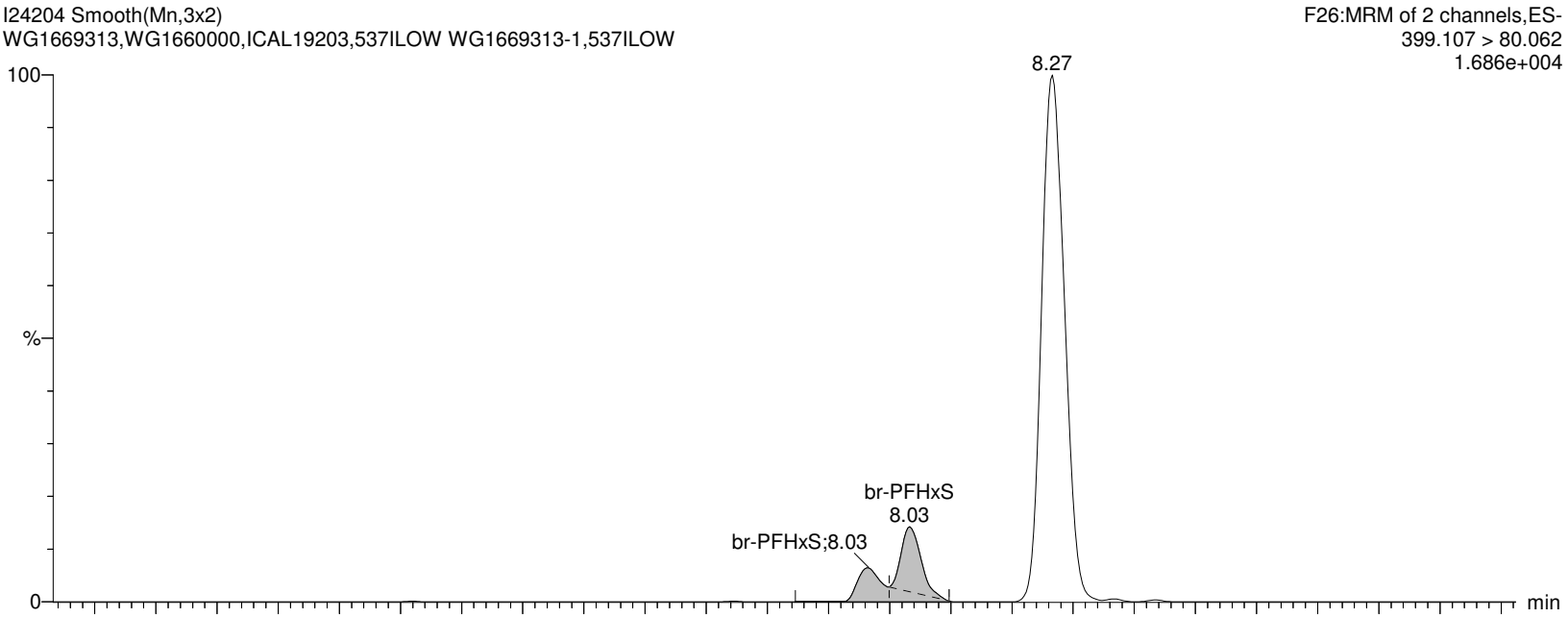


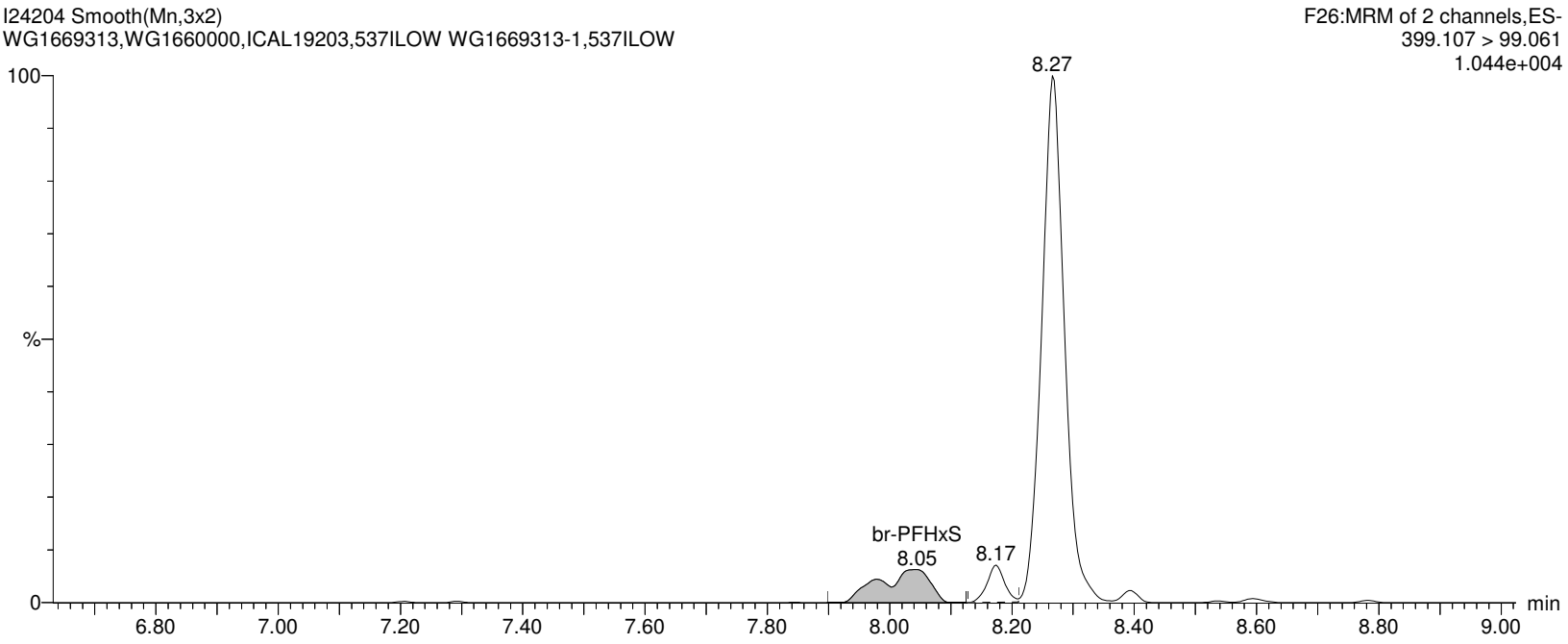
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

br-PFHxS



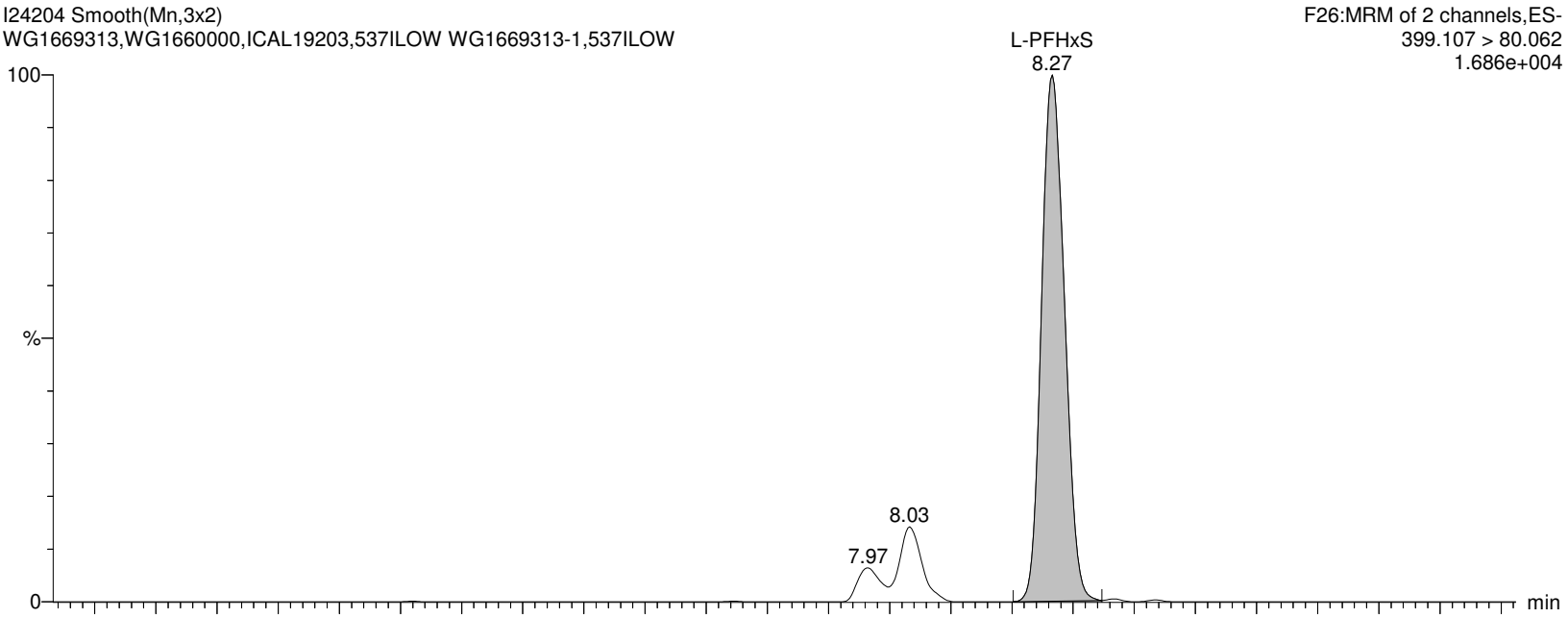


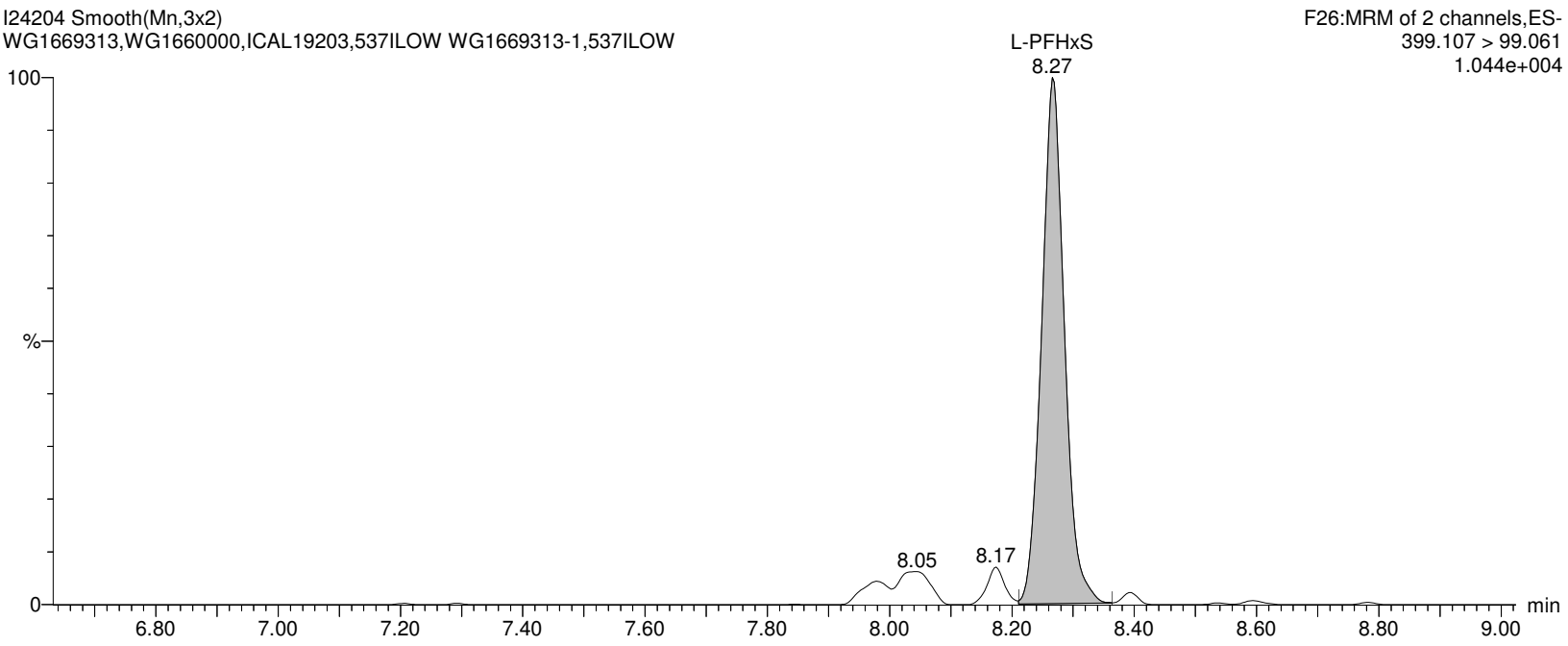
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

L-PFHxS



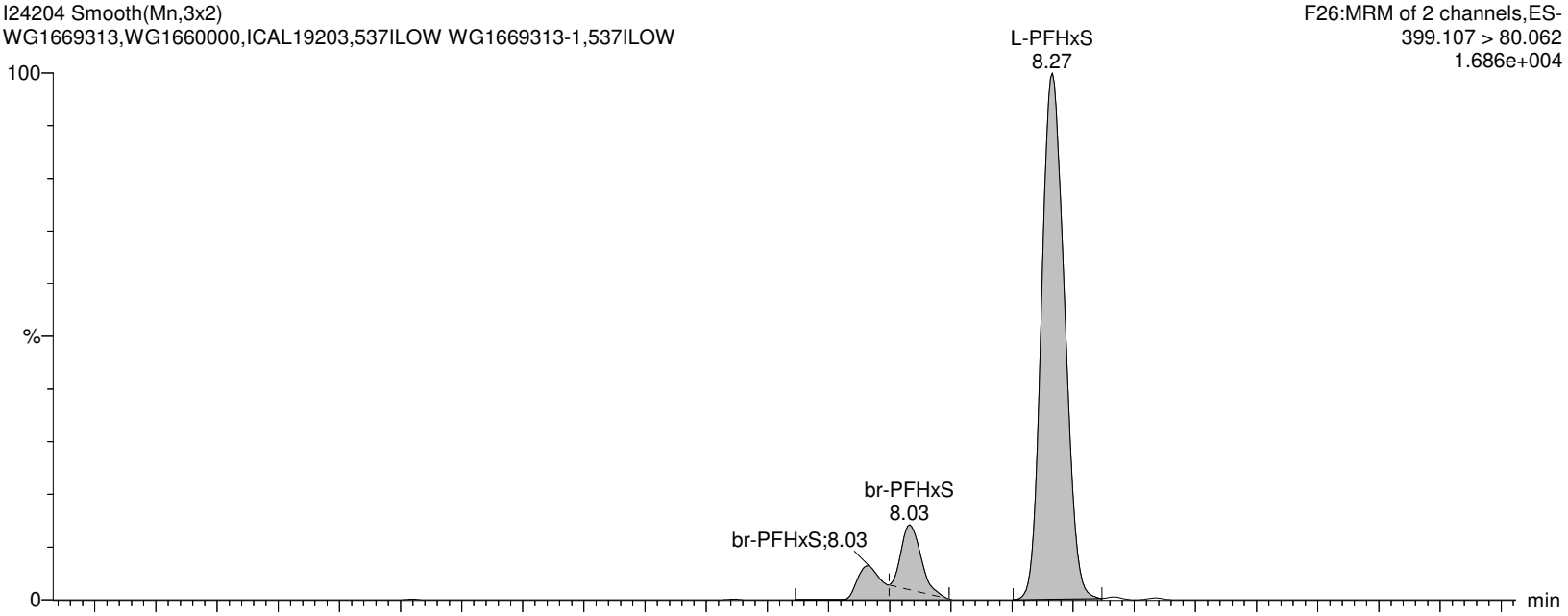


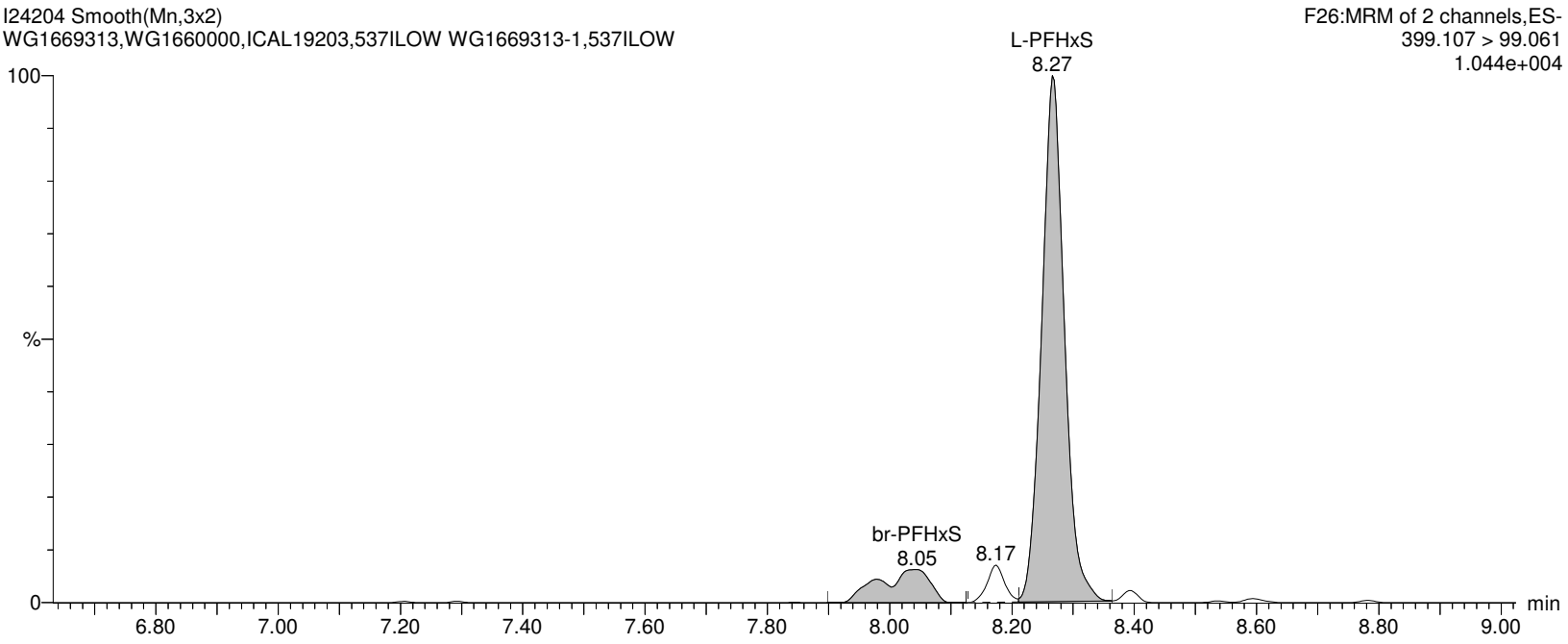
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFHxS



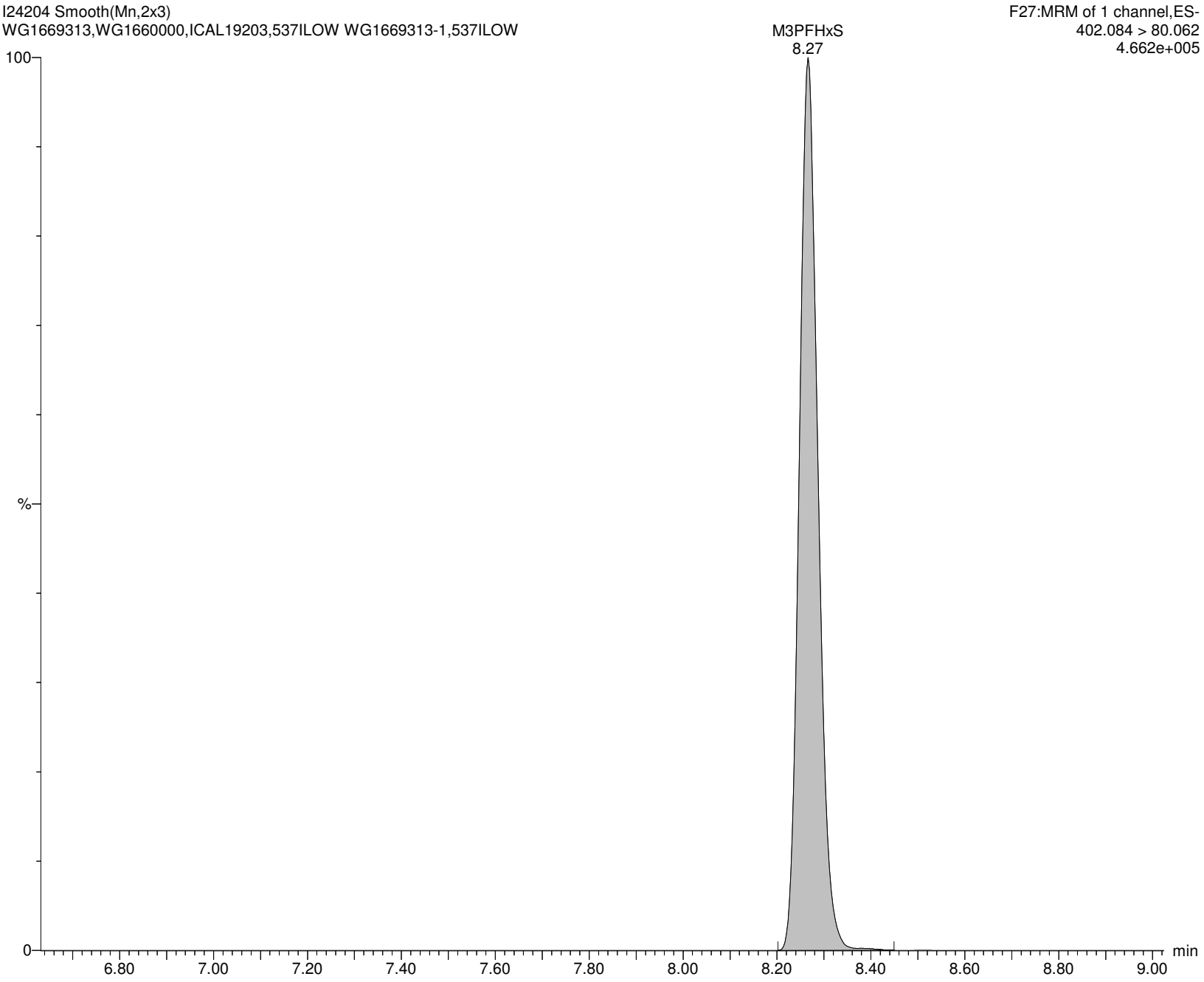


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M3PFHxS

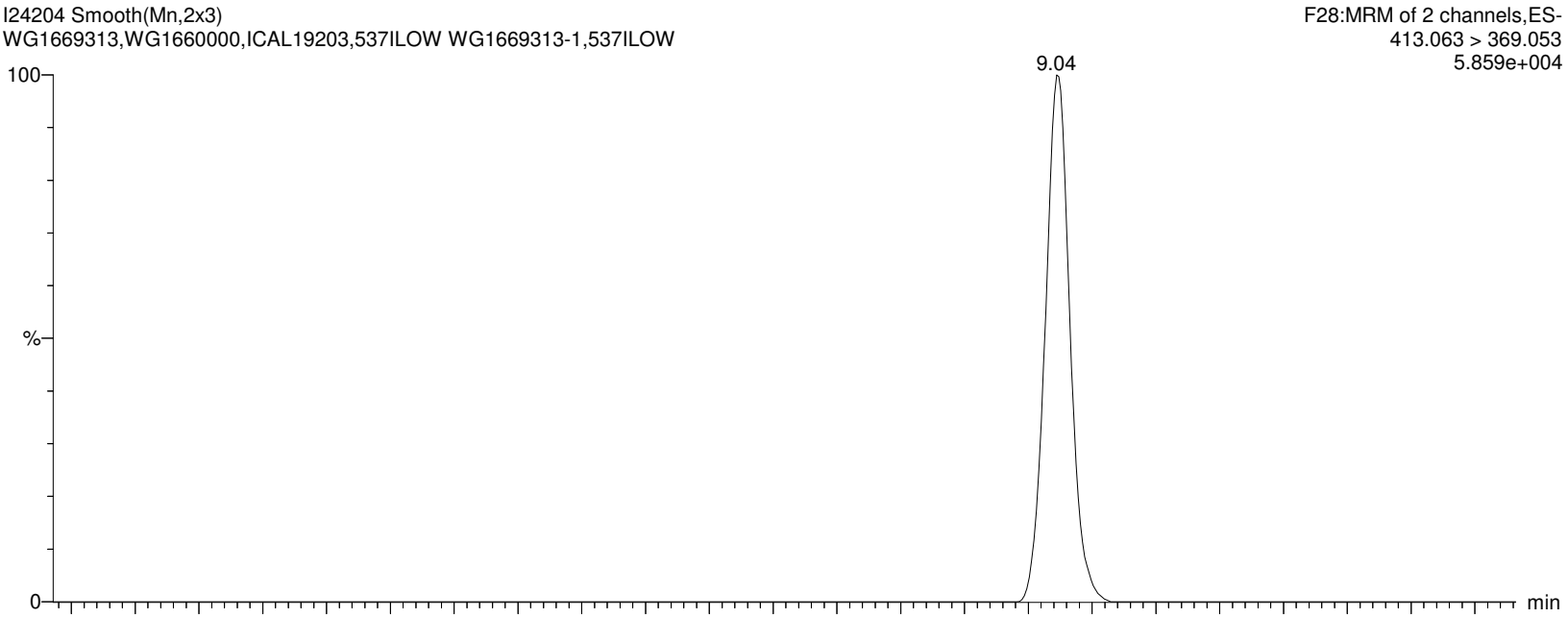


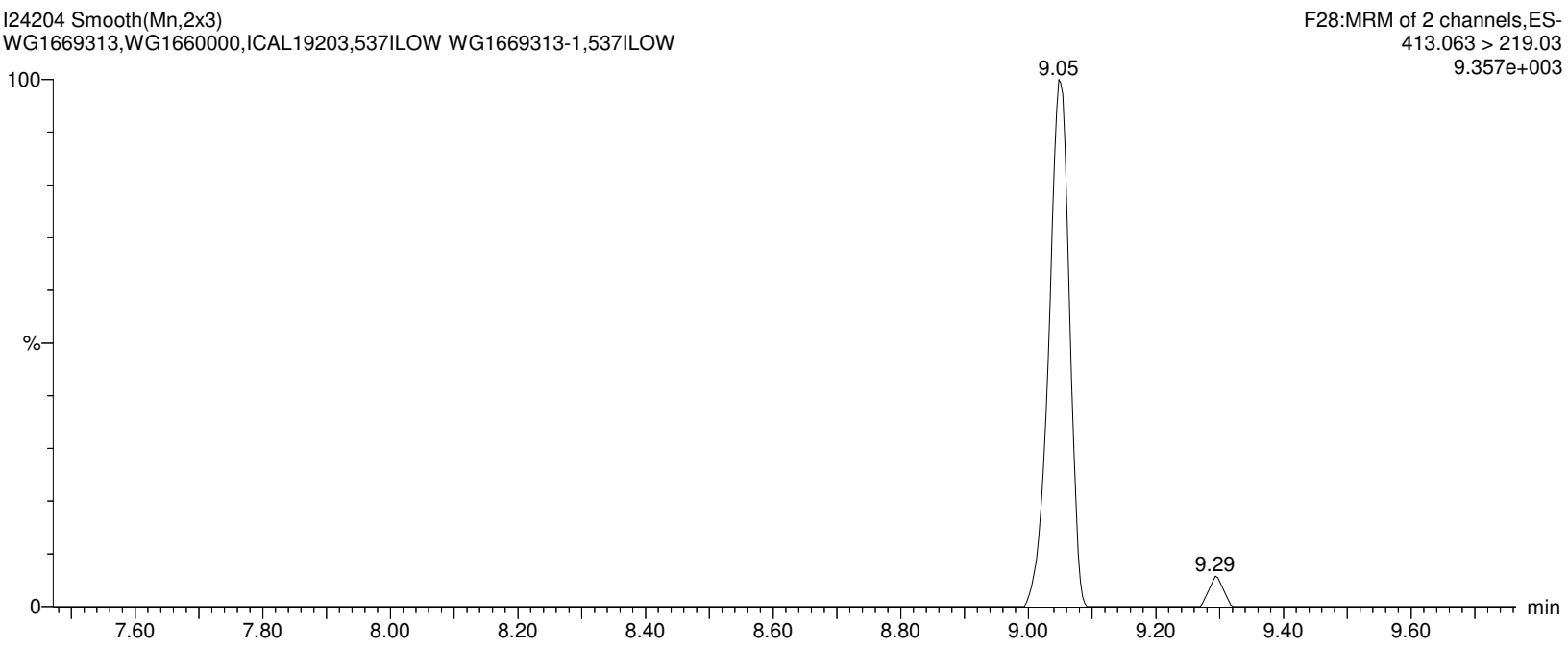
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

br-PFOA



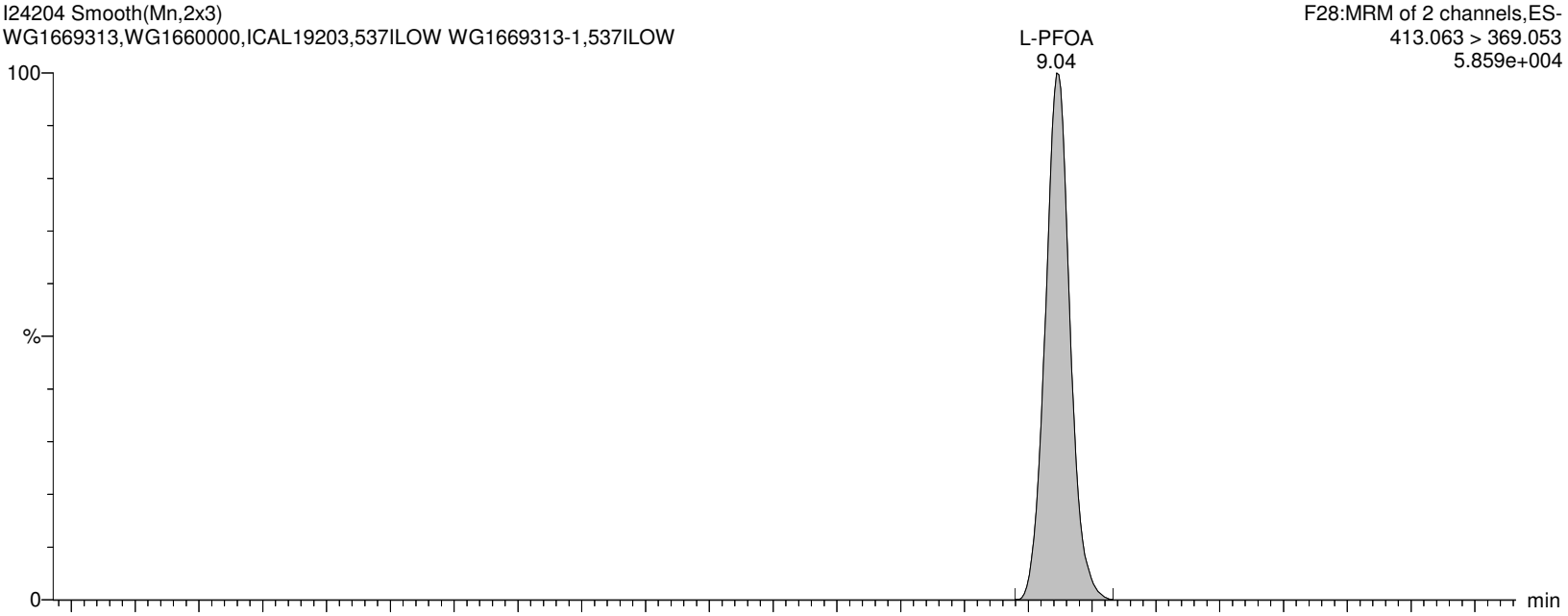


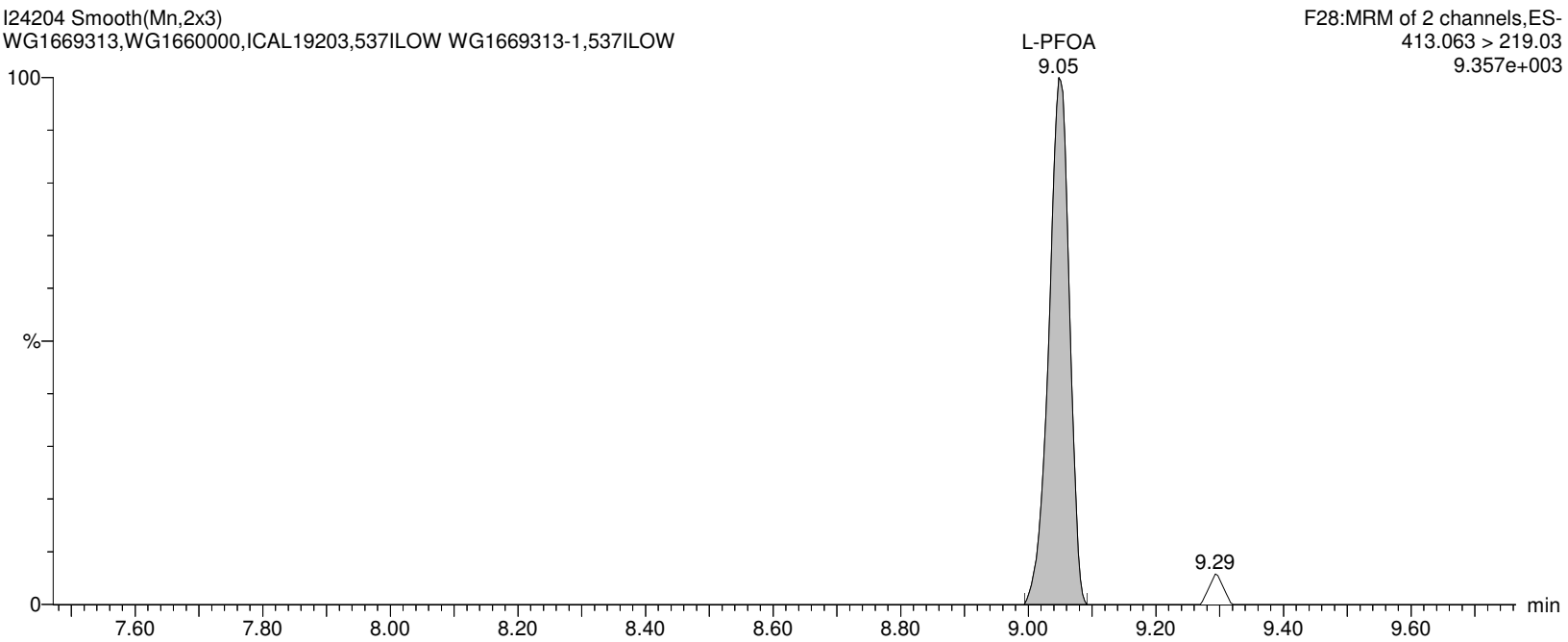
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

L-PFOA



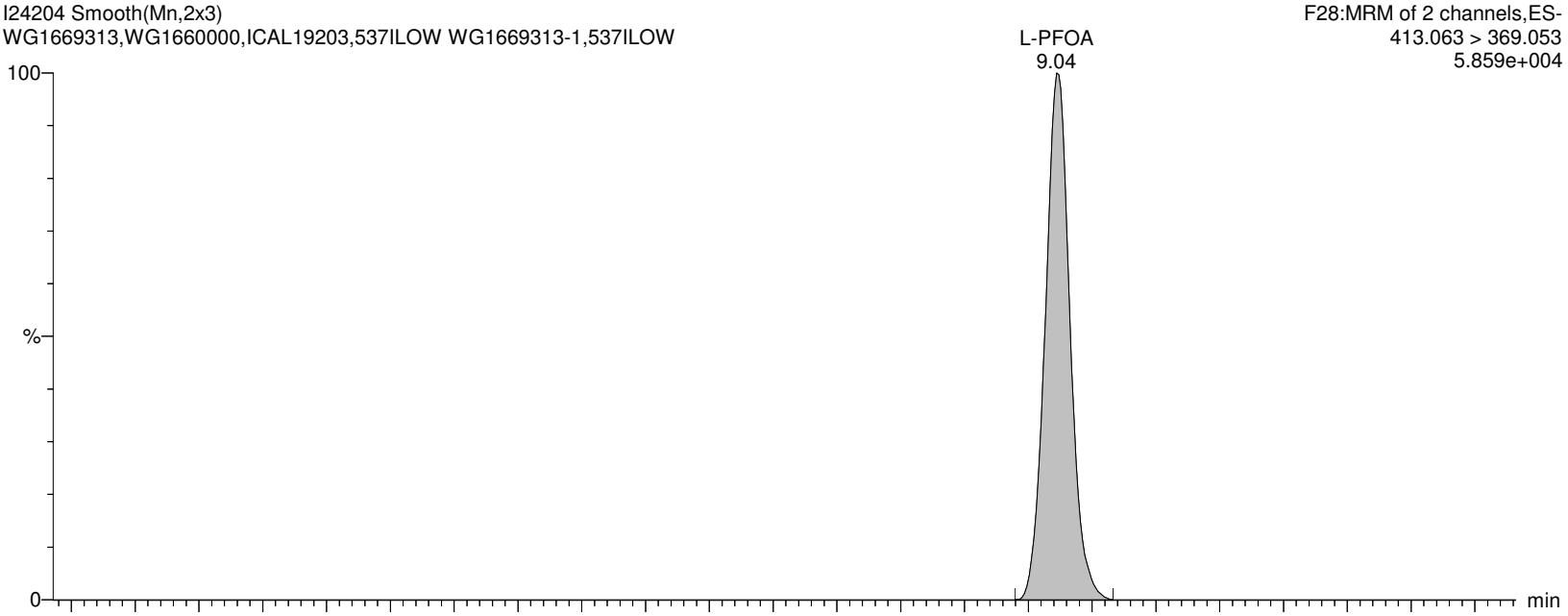


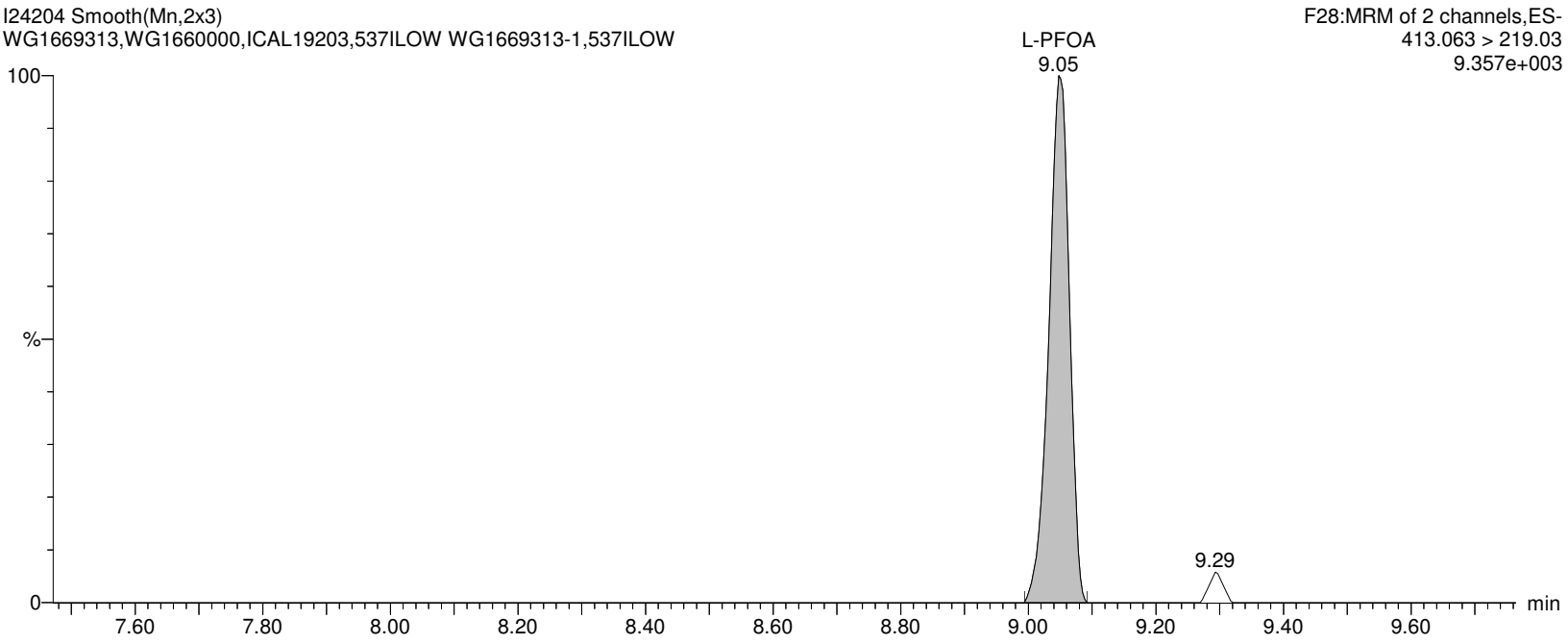
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFOA



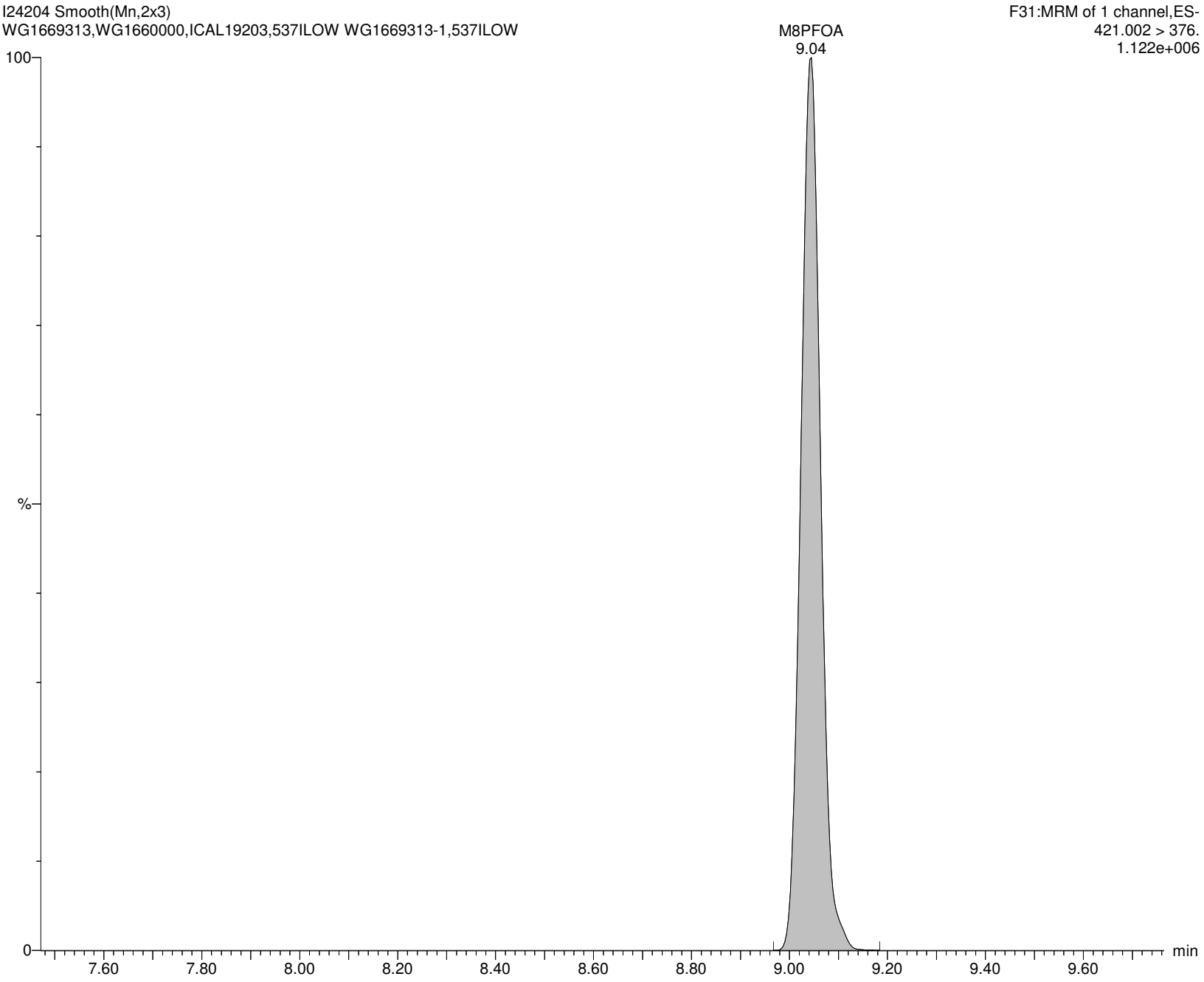


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M8PFOA

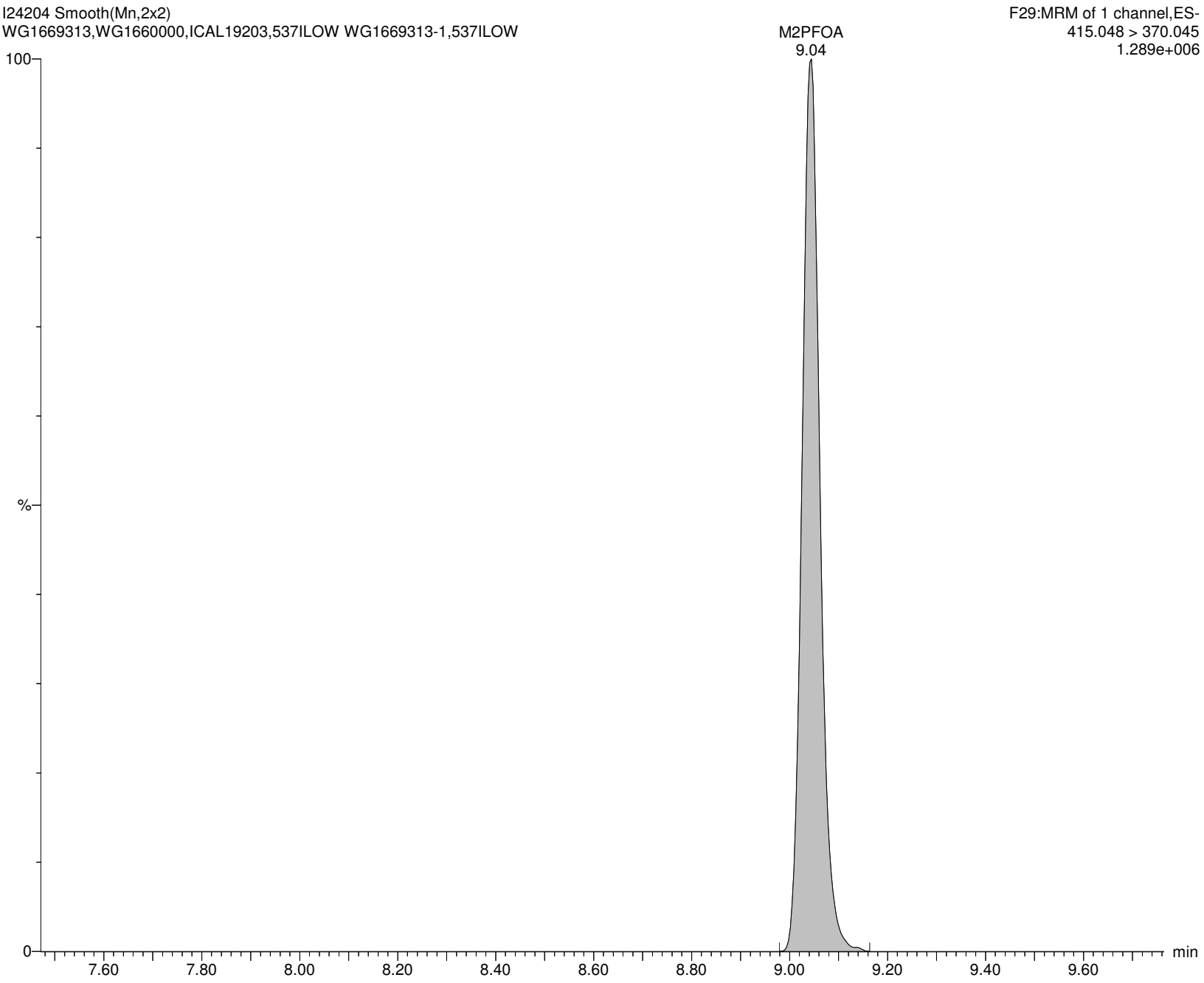


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2PFOA

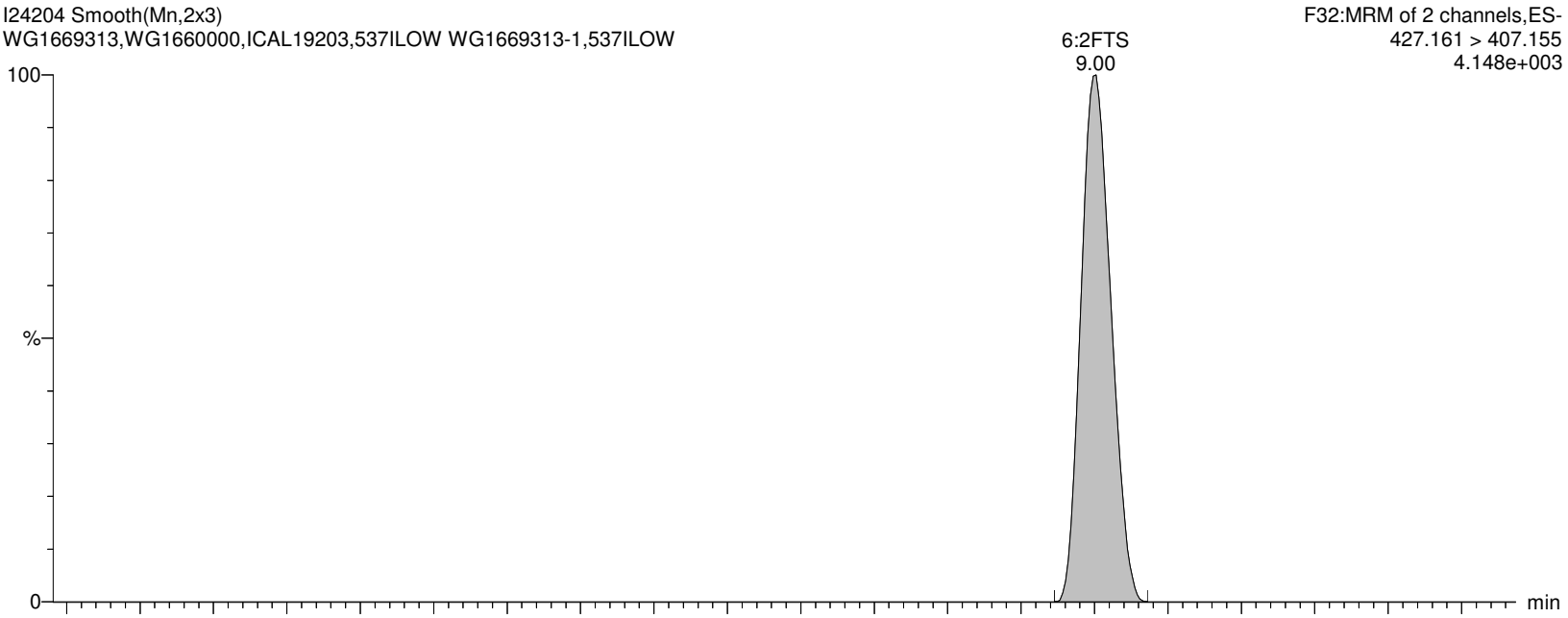


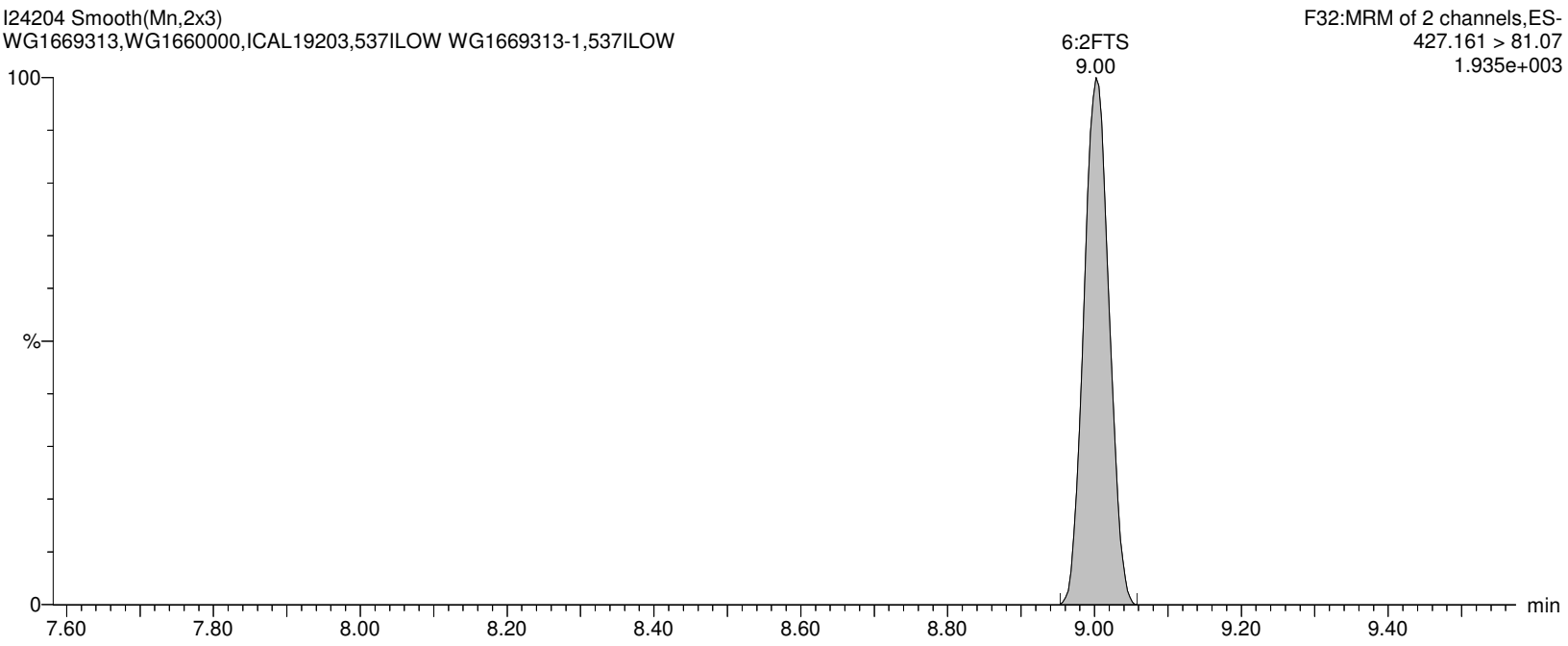
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

6:2FTS



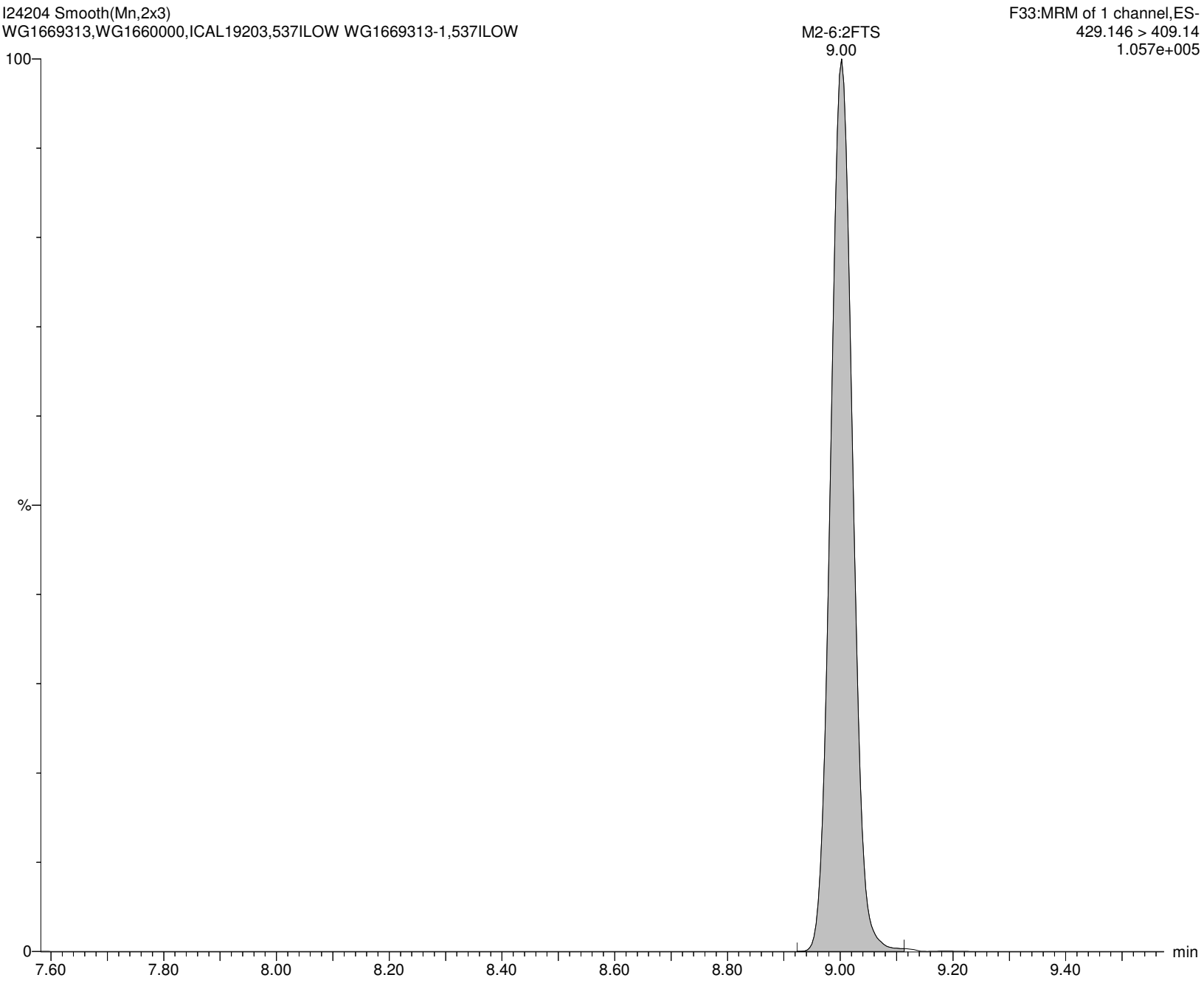


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2-6:2FTS

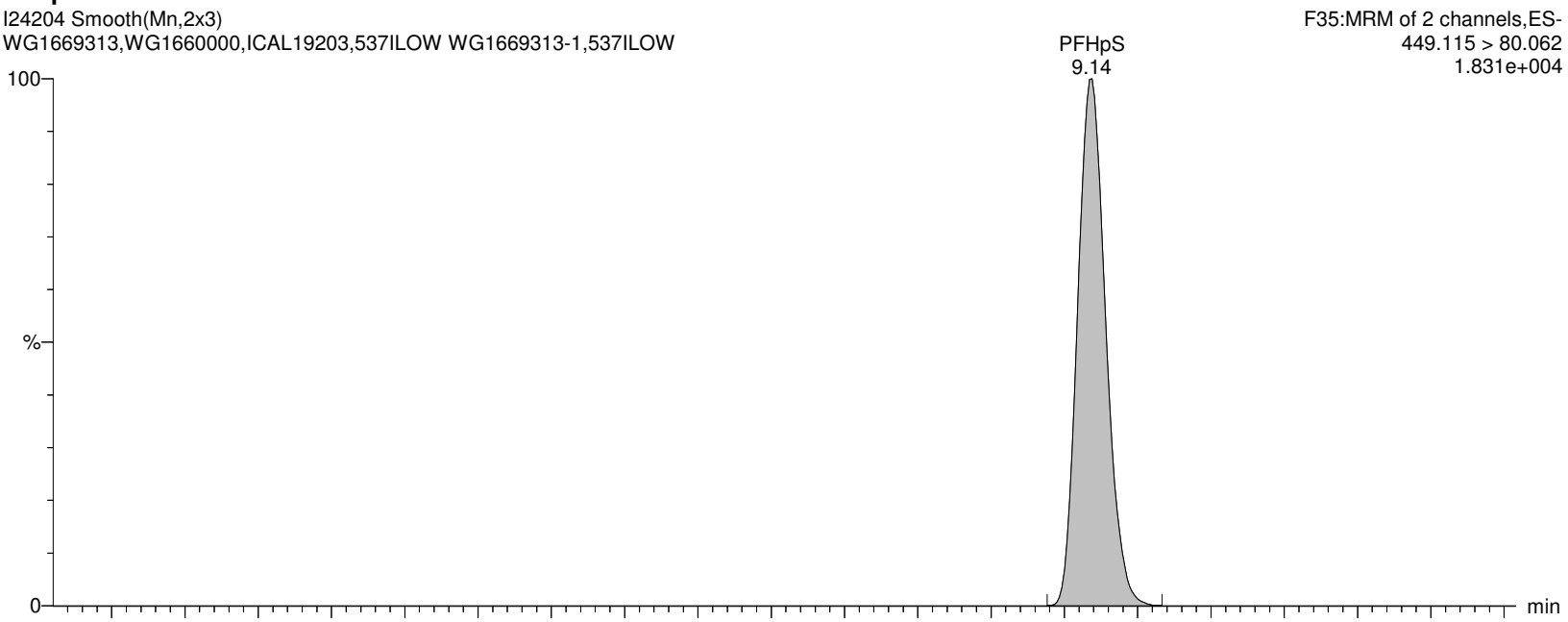


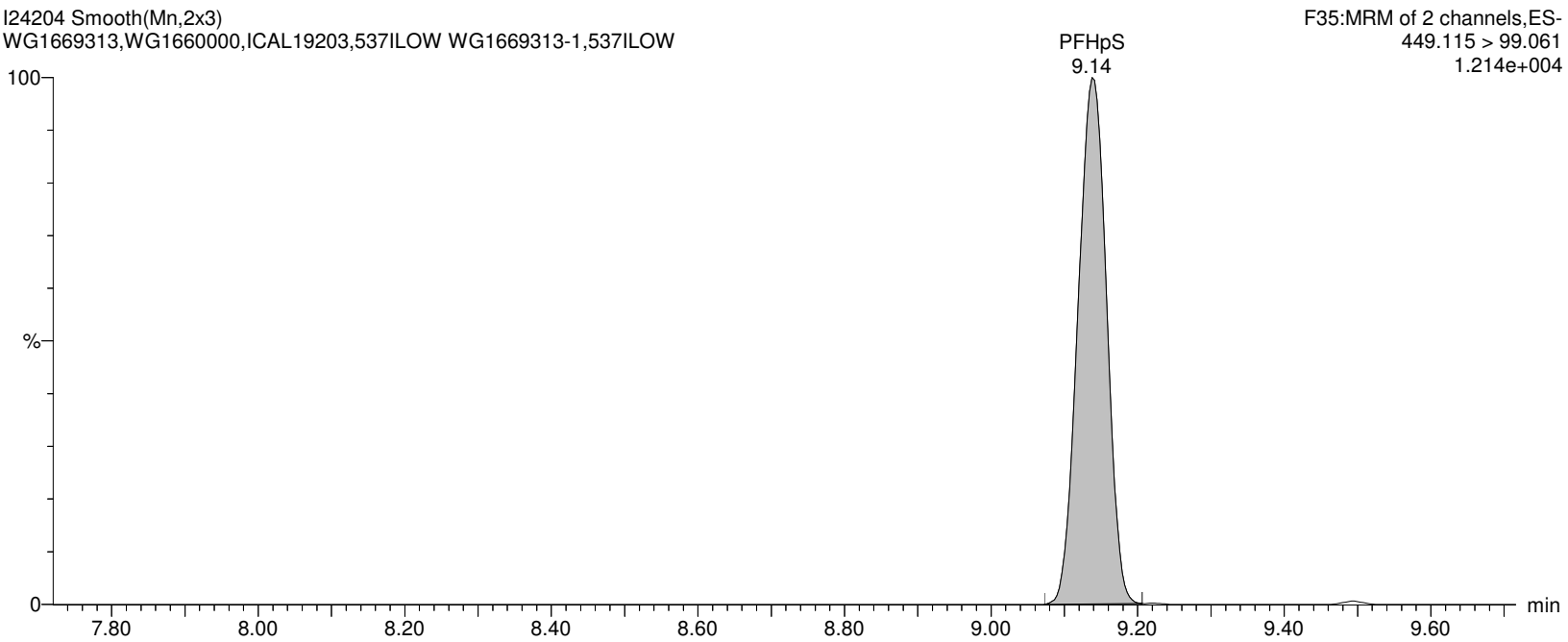
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFHpS



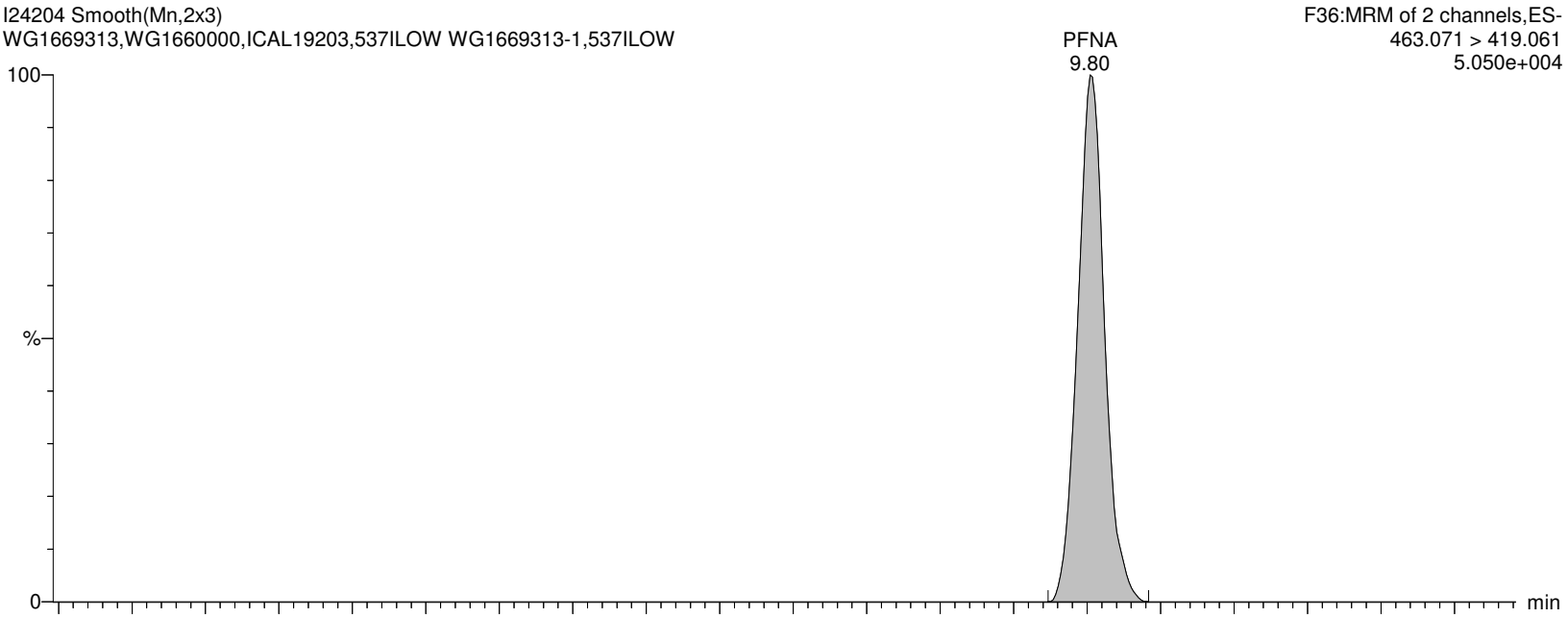


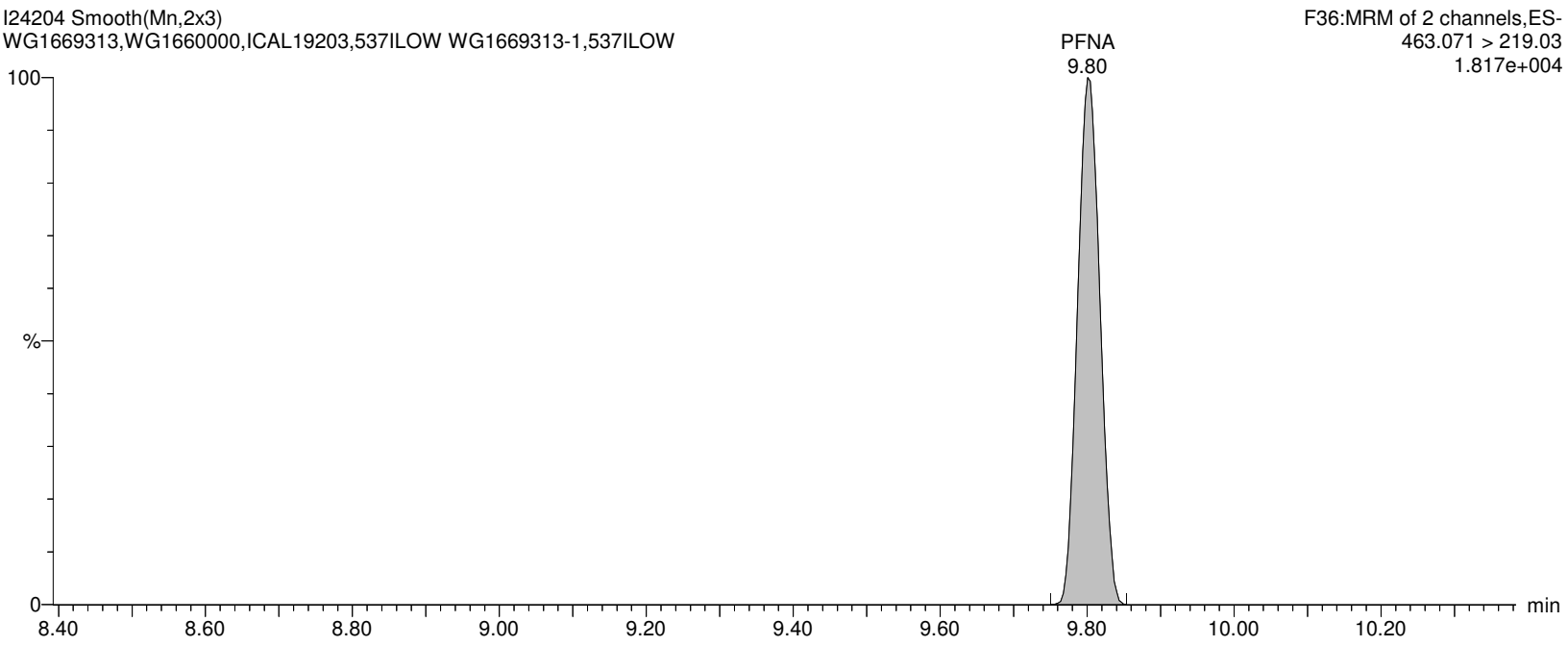
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFNA



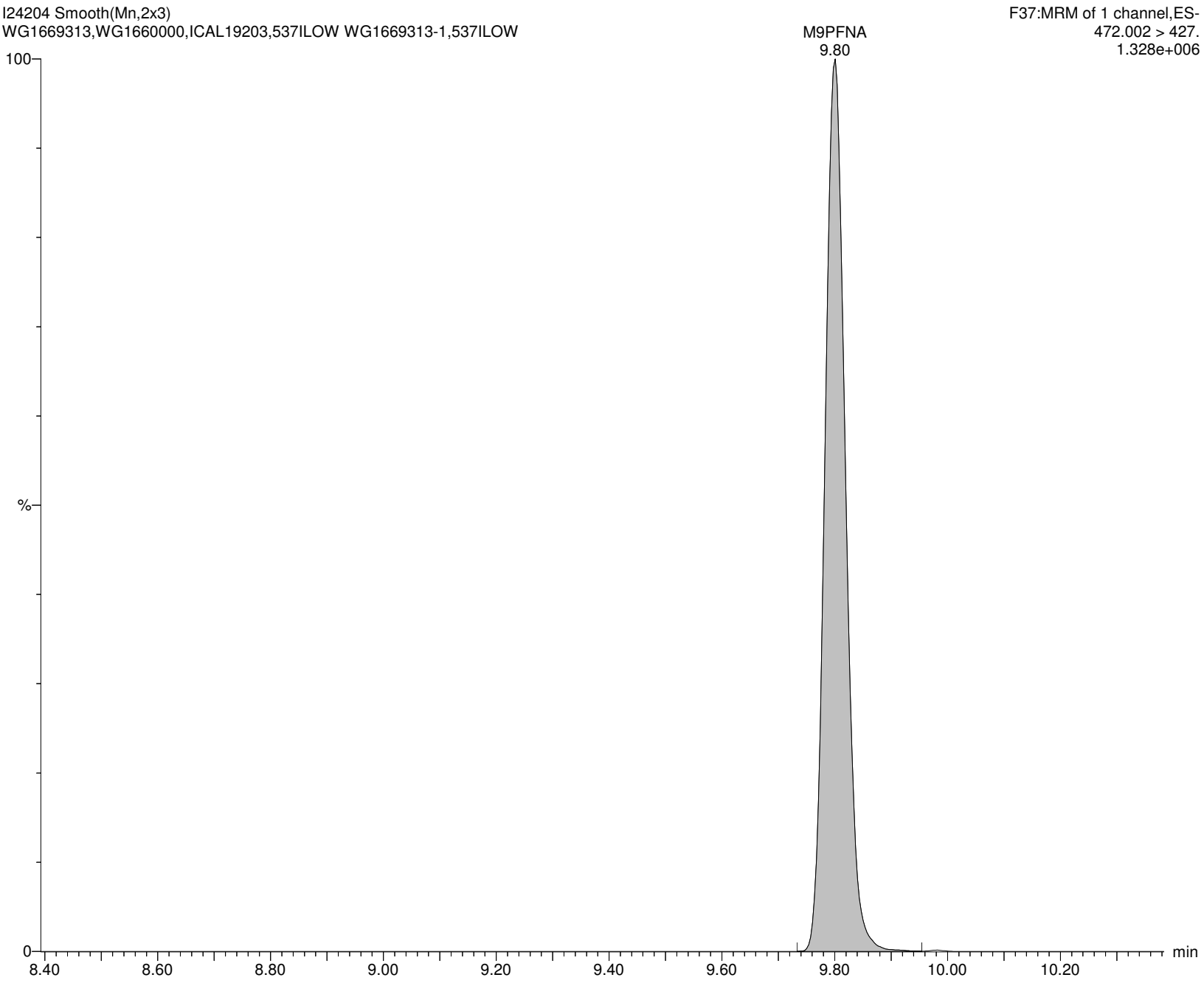


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M9PFNA

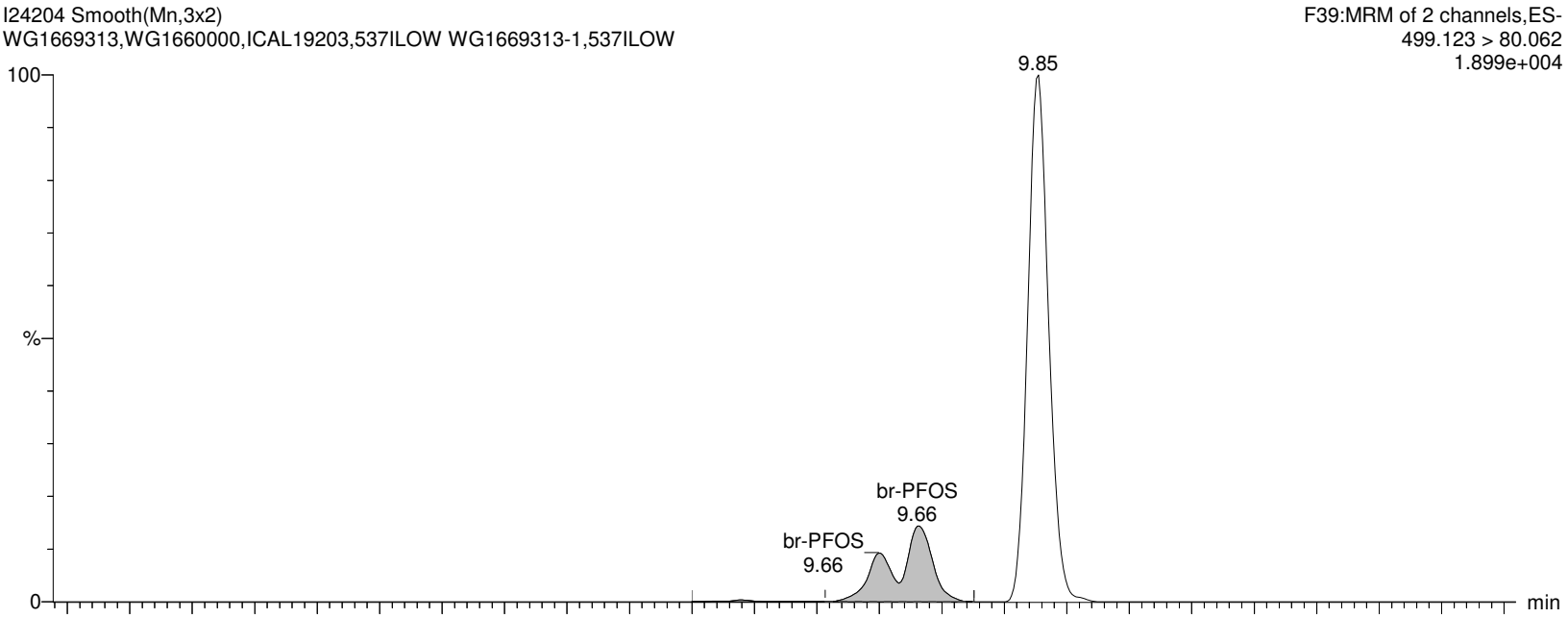


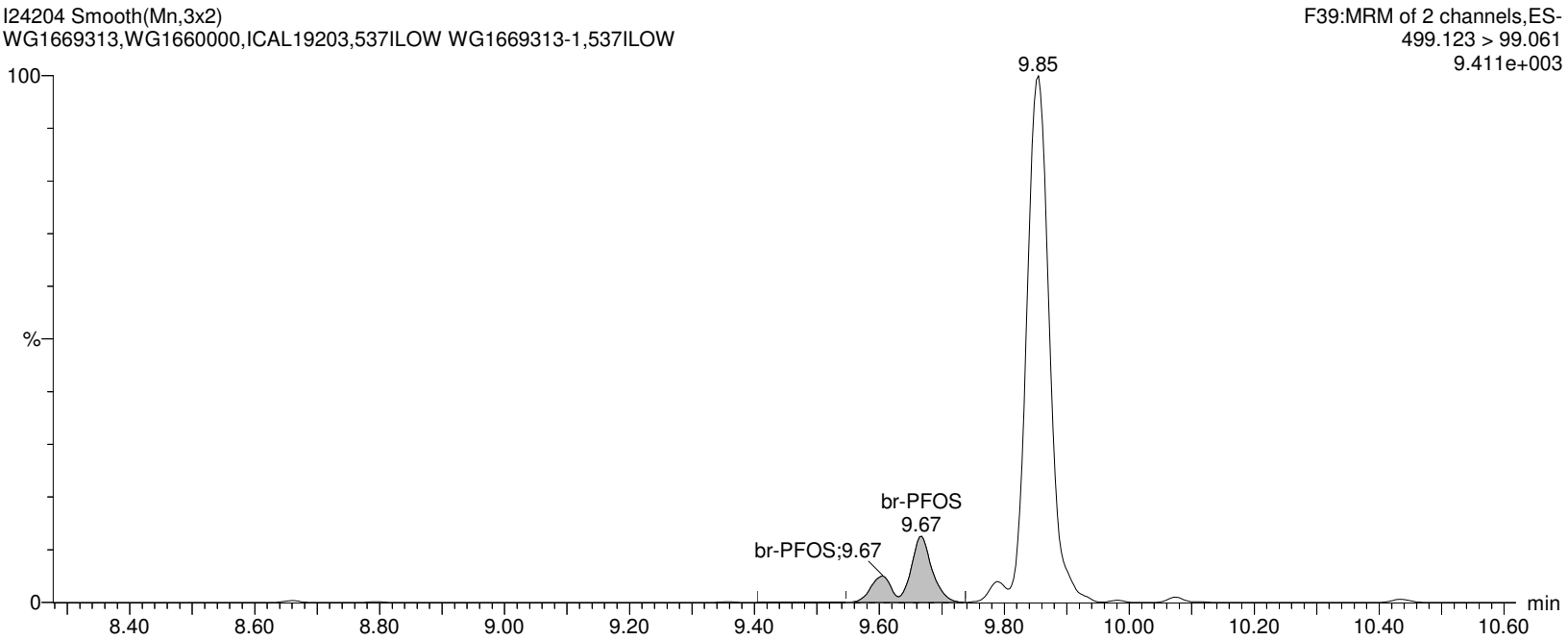
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

br-PFOS



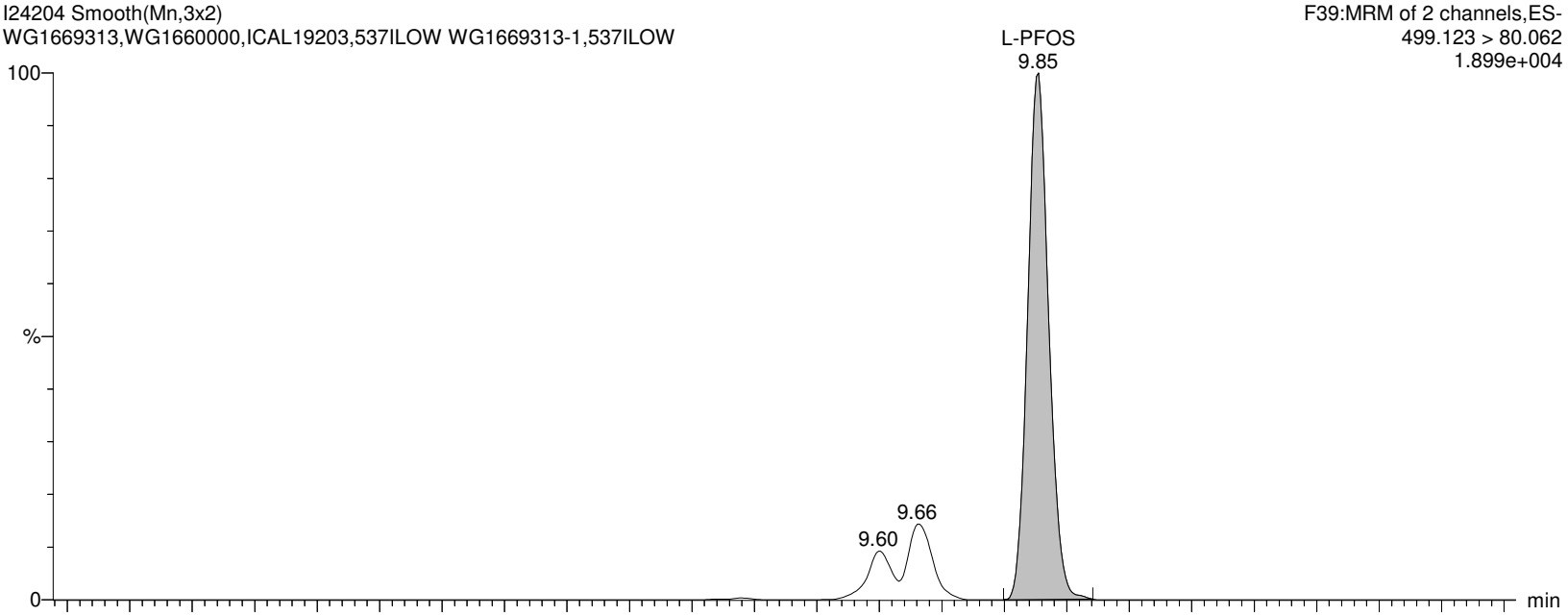


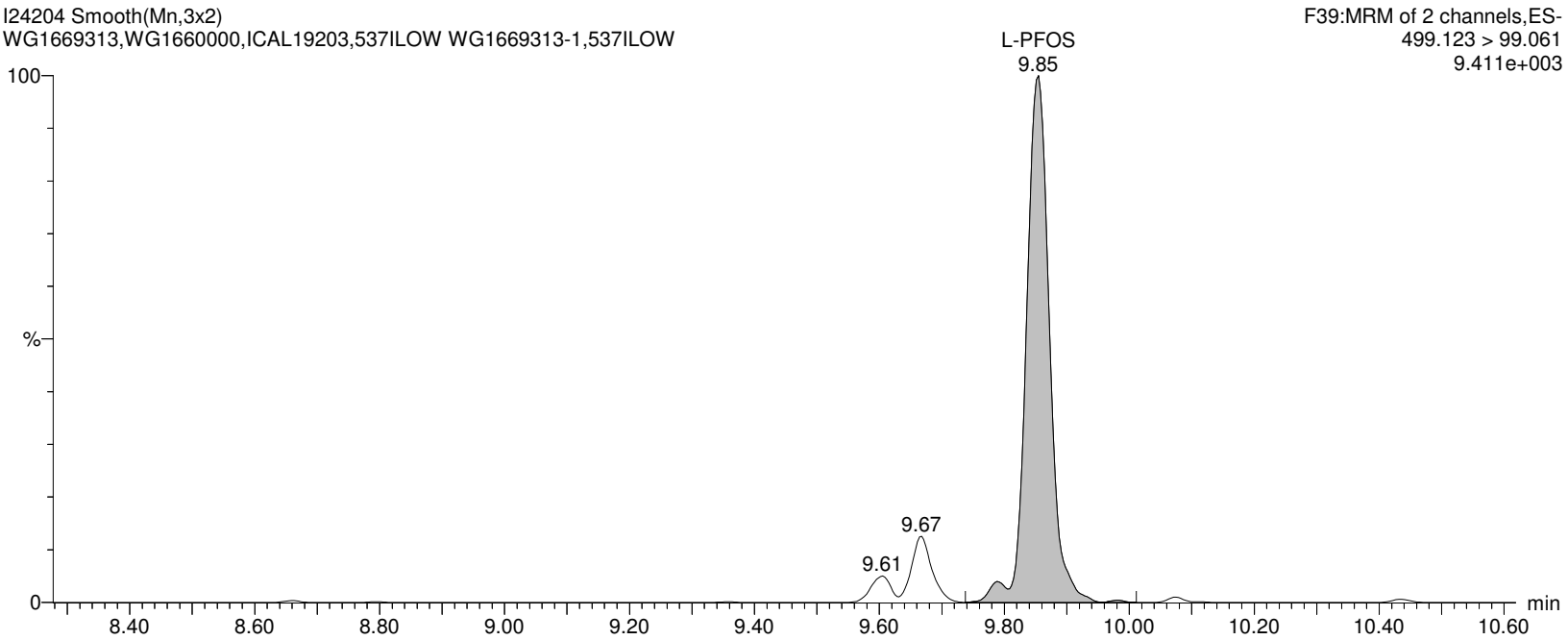
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

L-PFOS



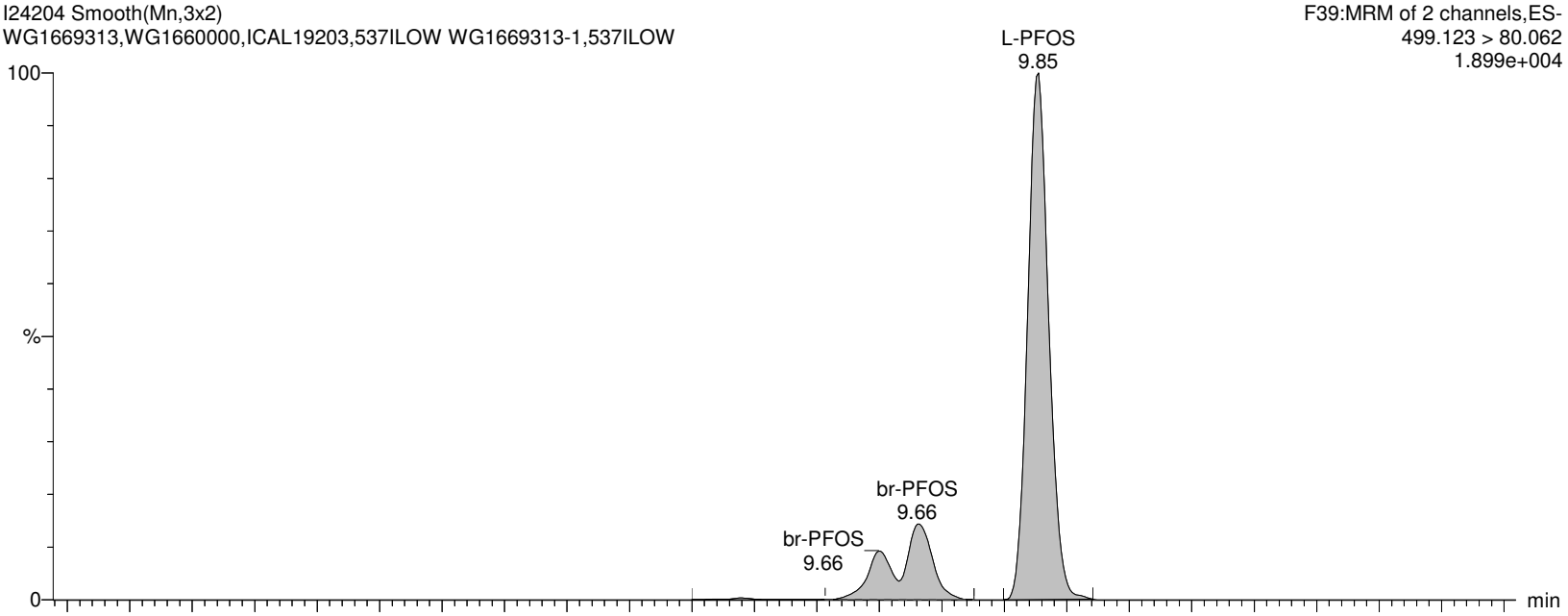


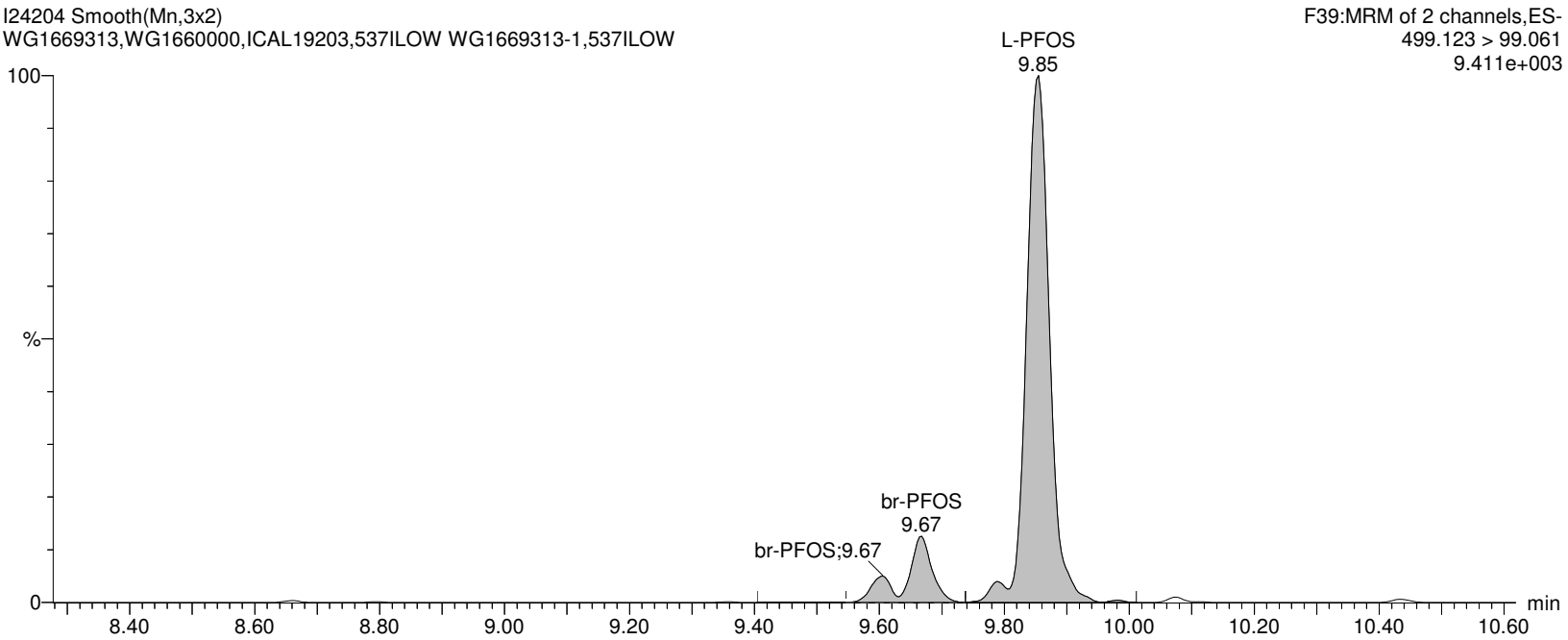
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFOS



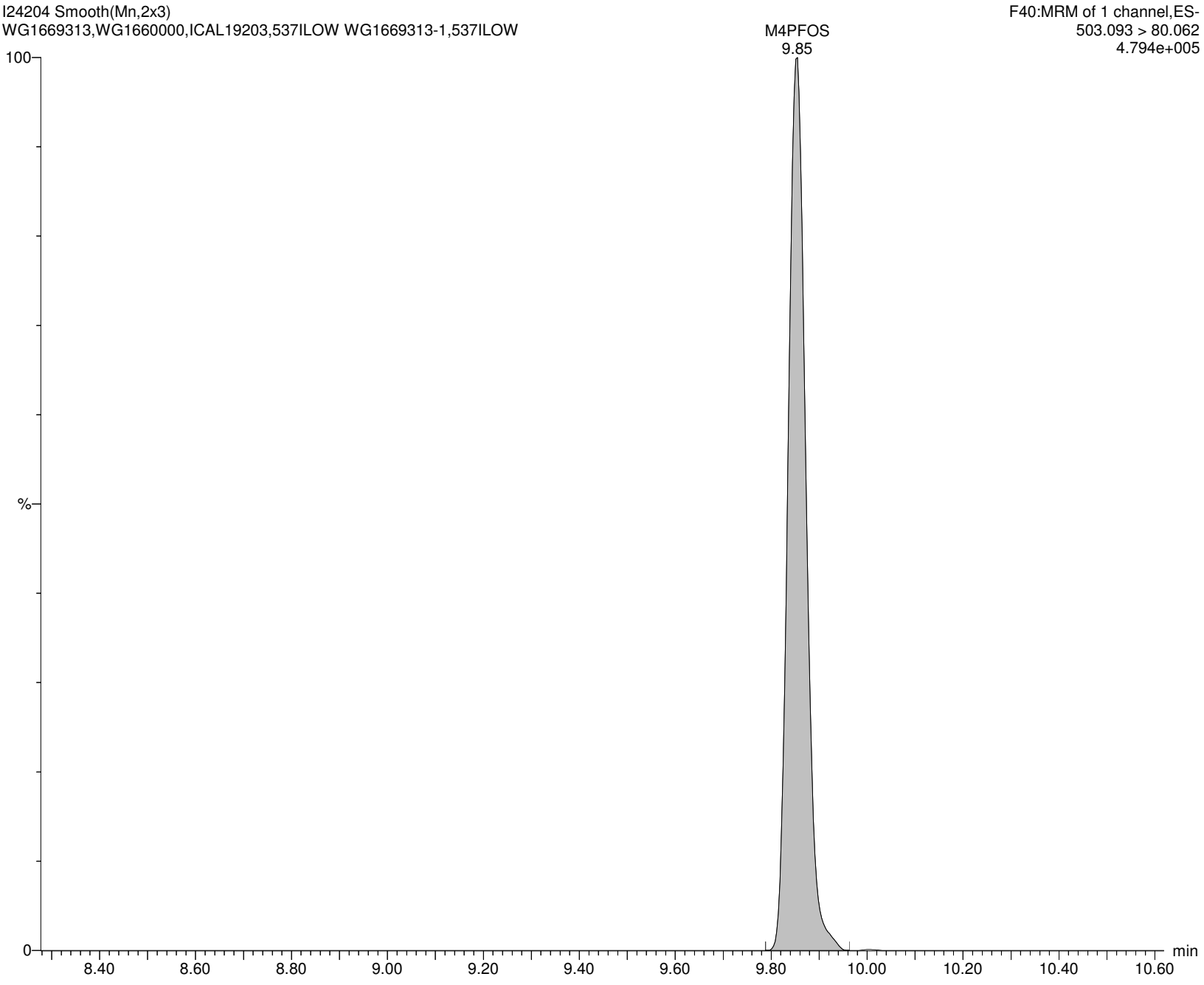


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M4PFOS

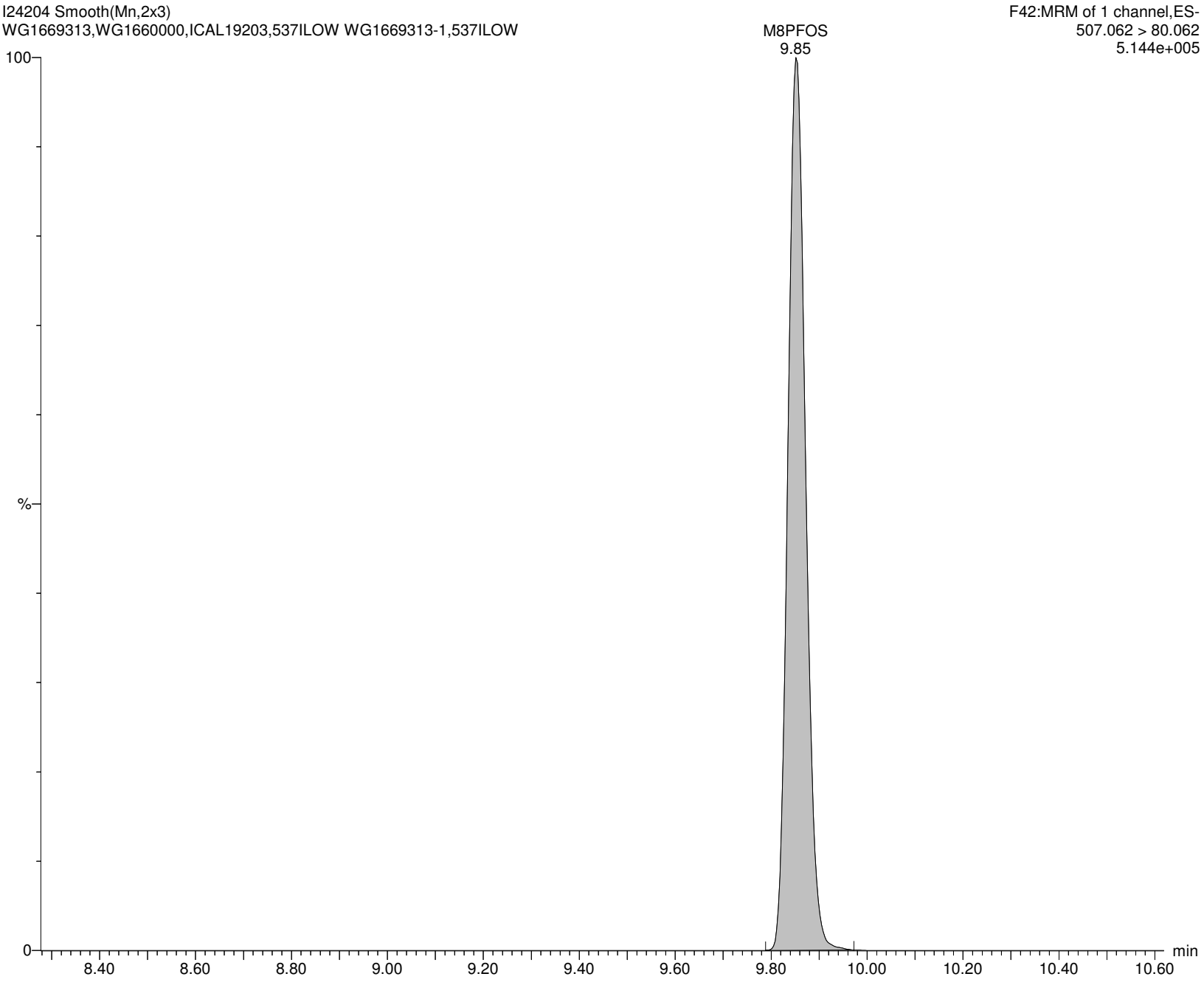


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M8PFOS

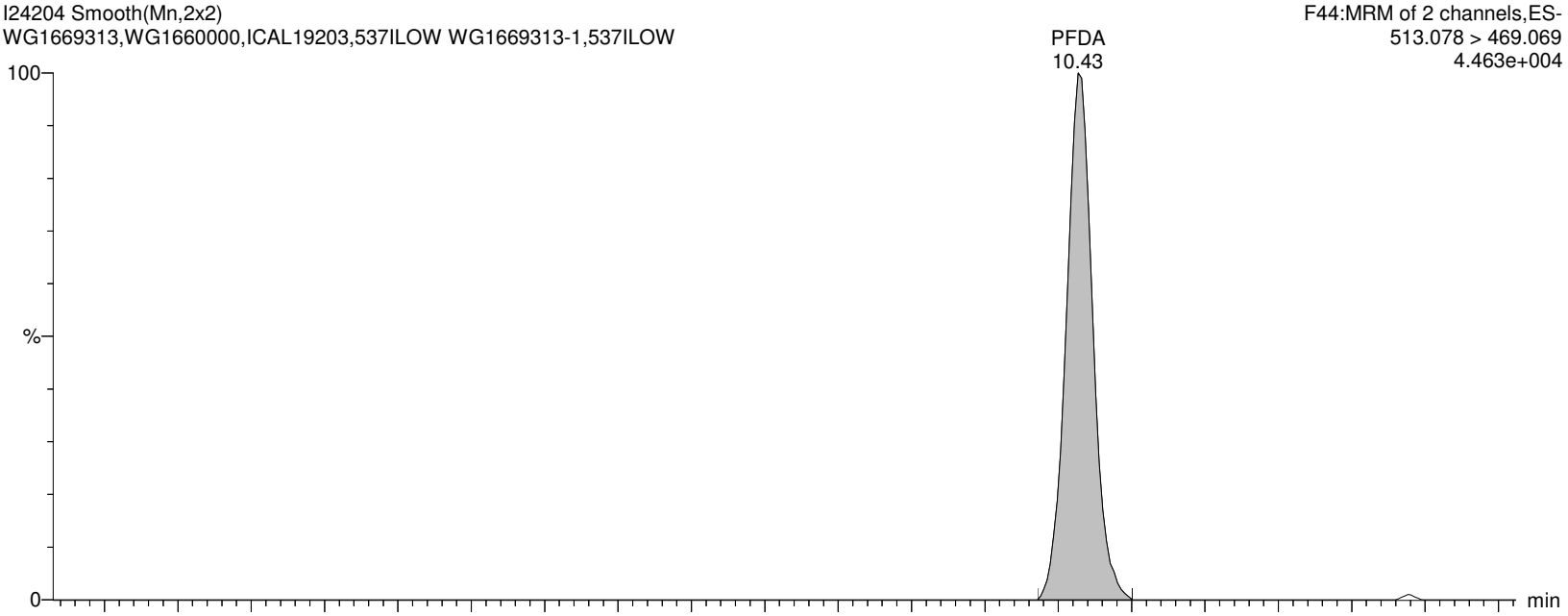


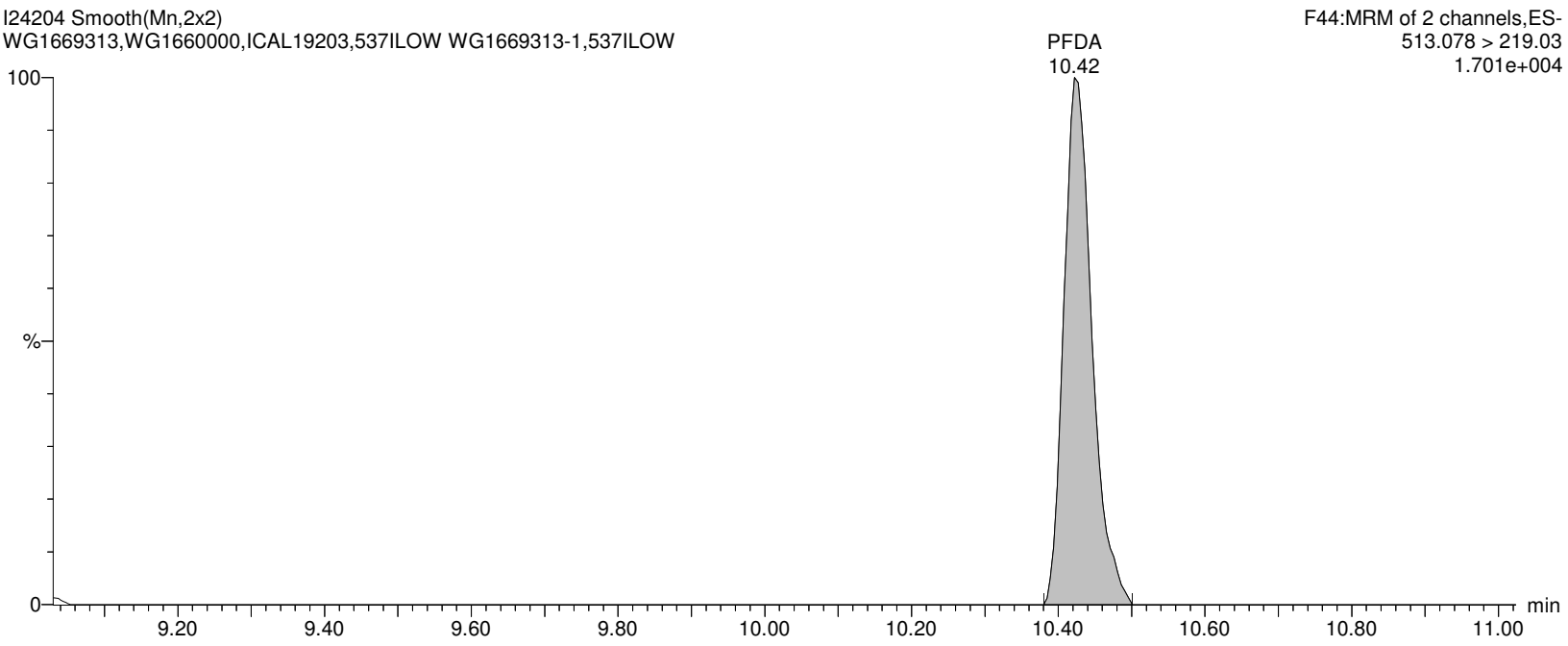
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFDA



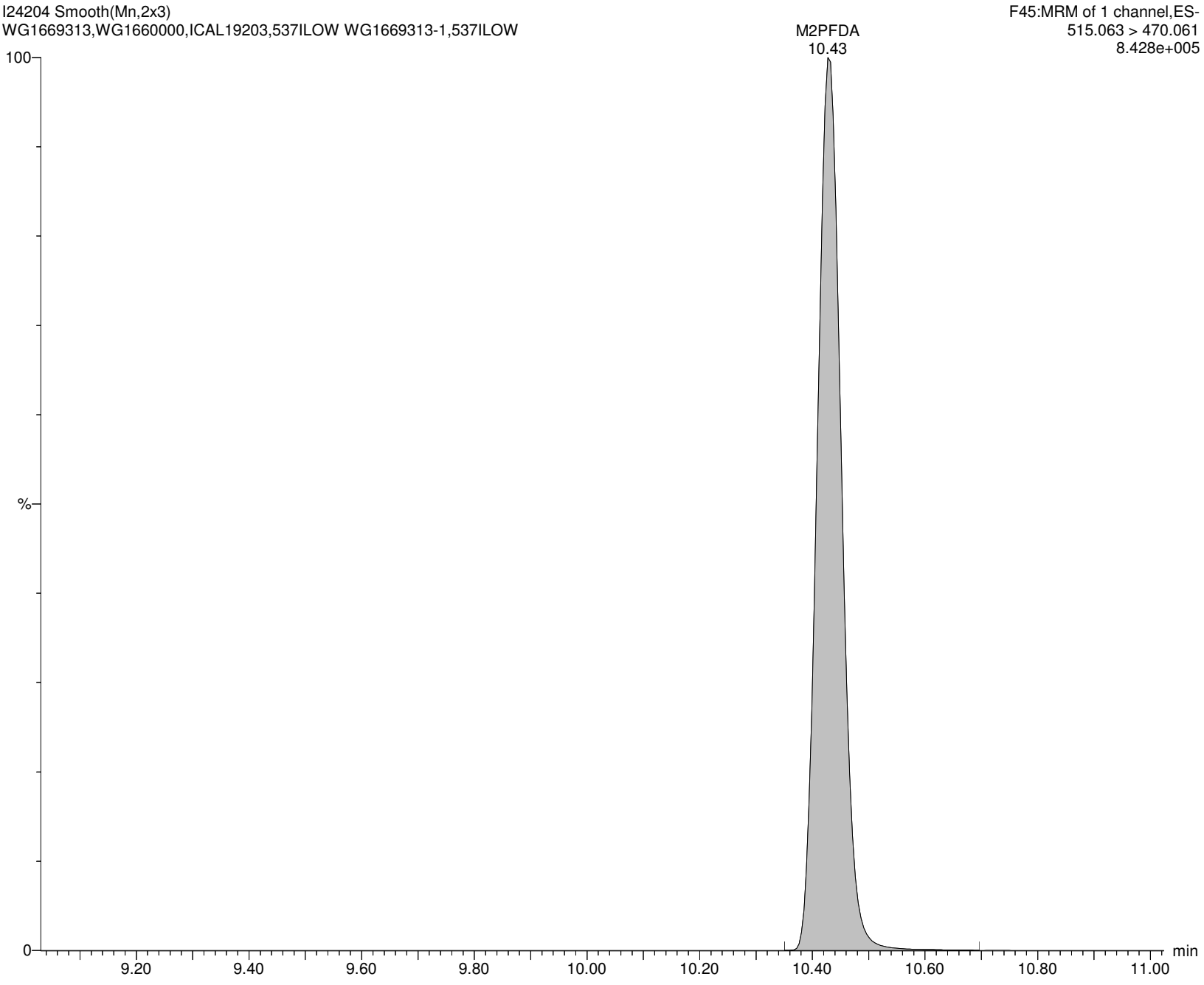


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2PFDA

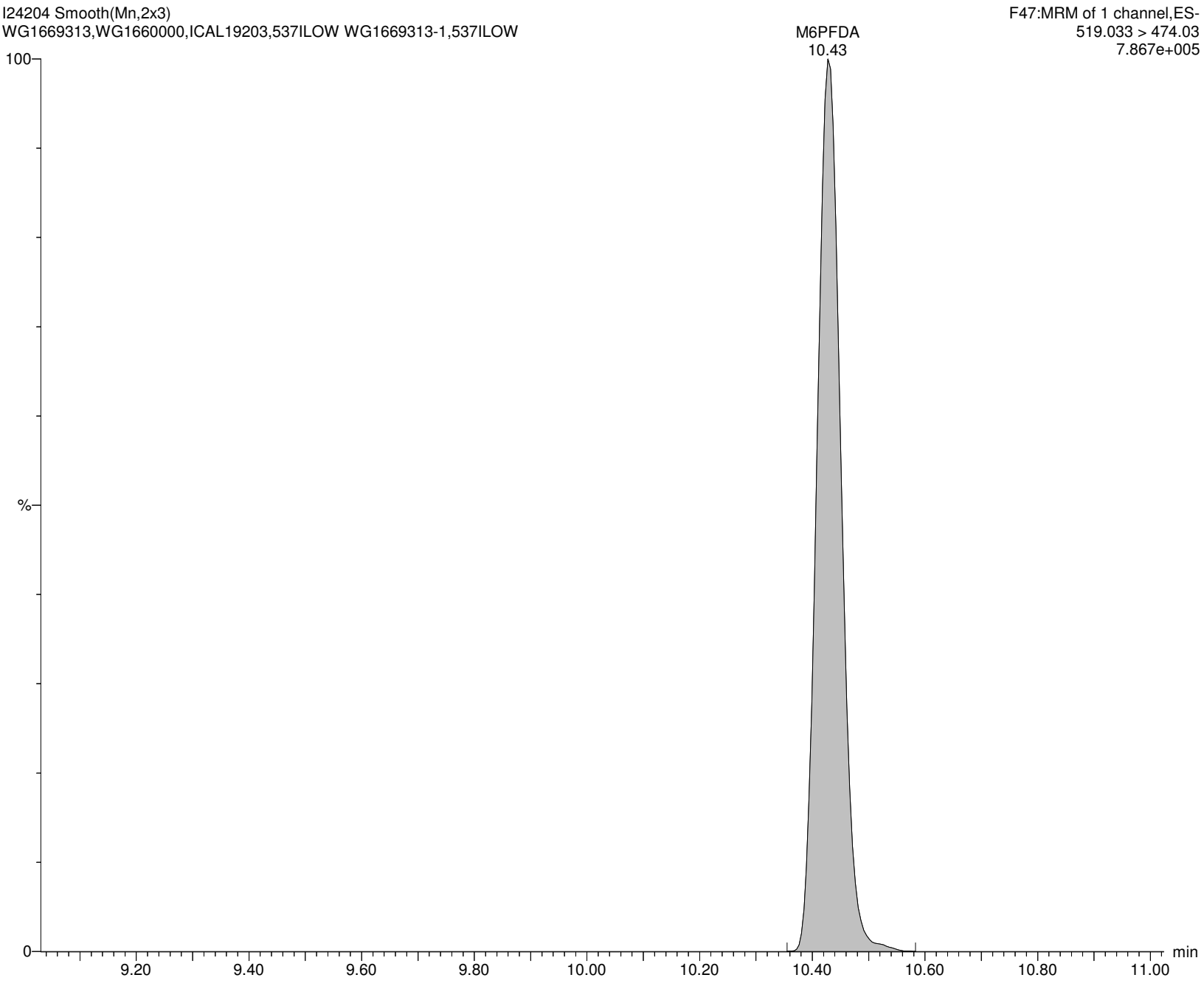


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M6PFDA

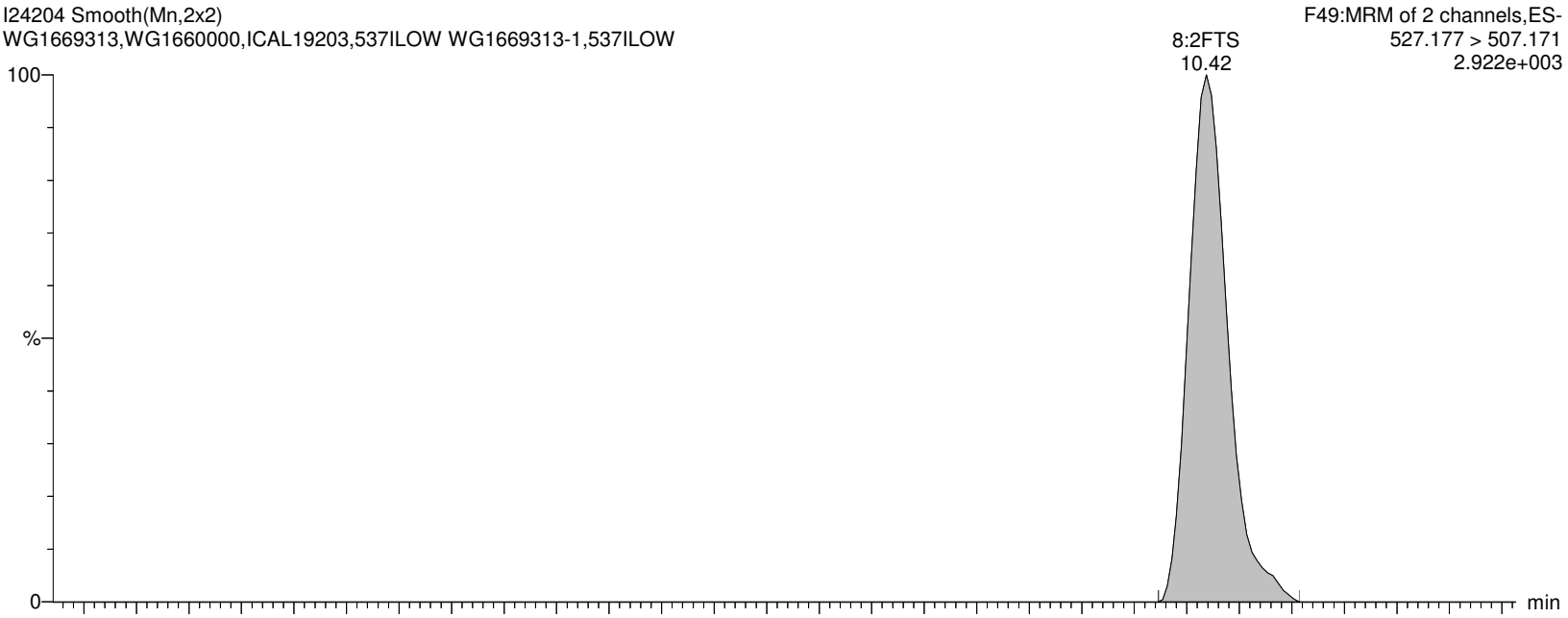


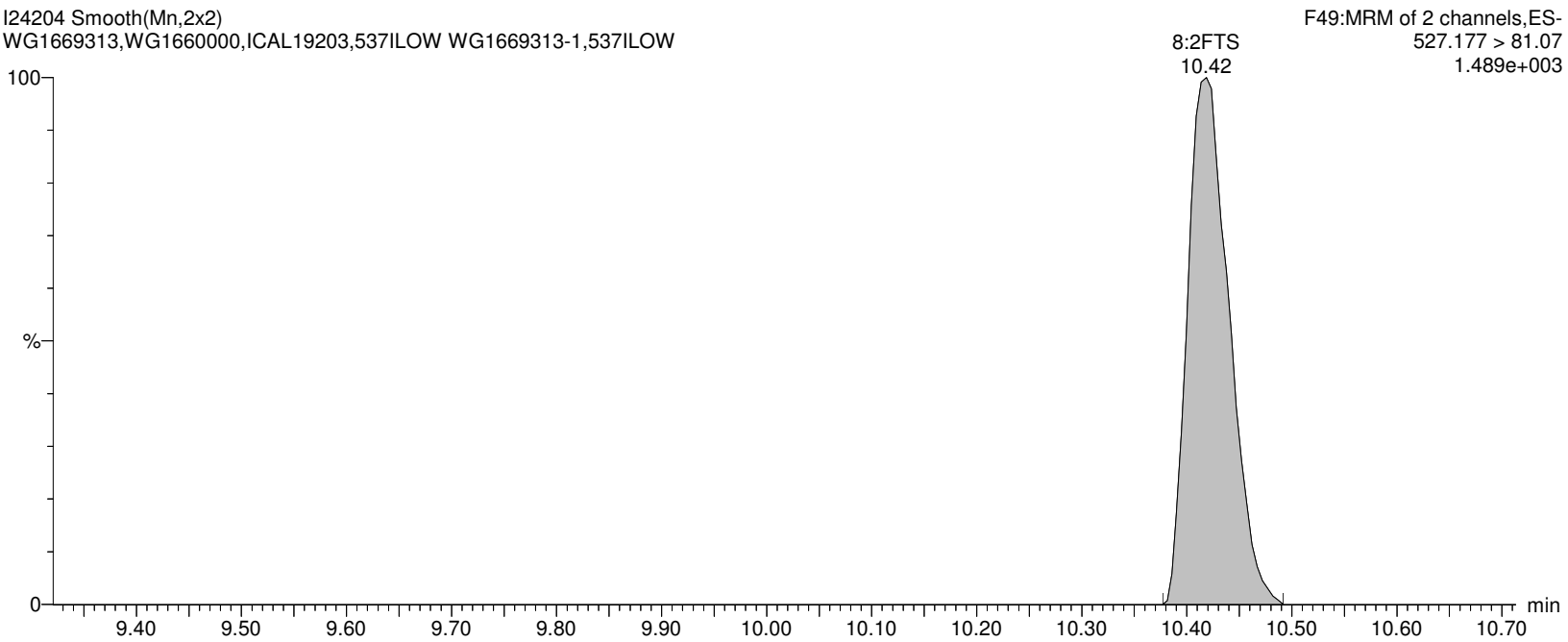
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

8:2FTS



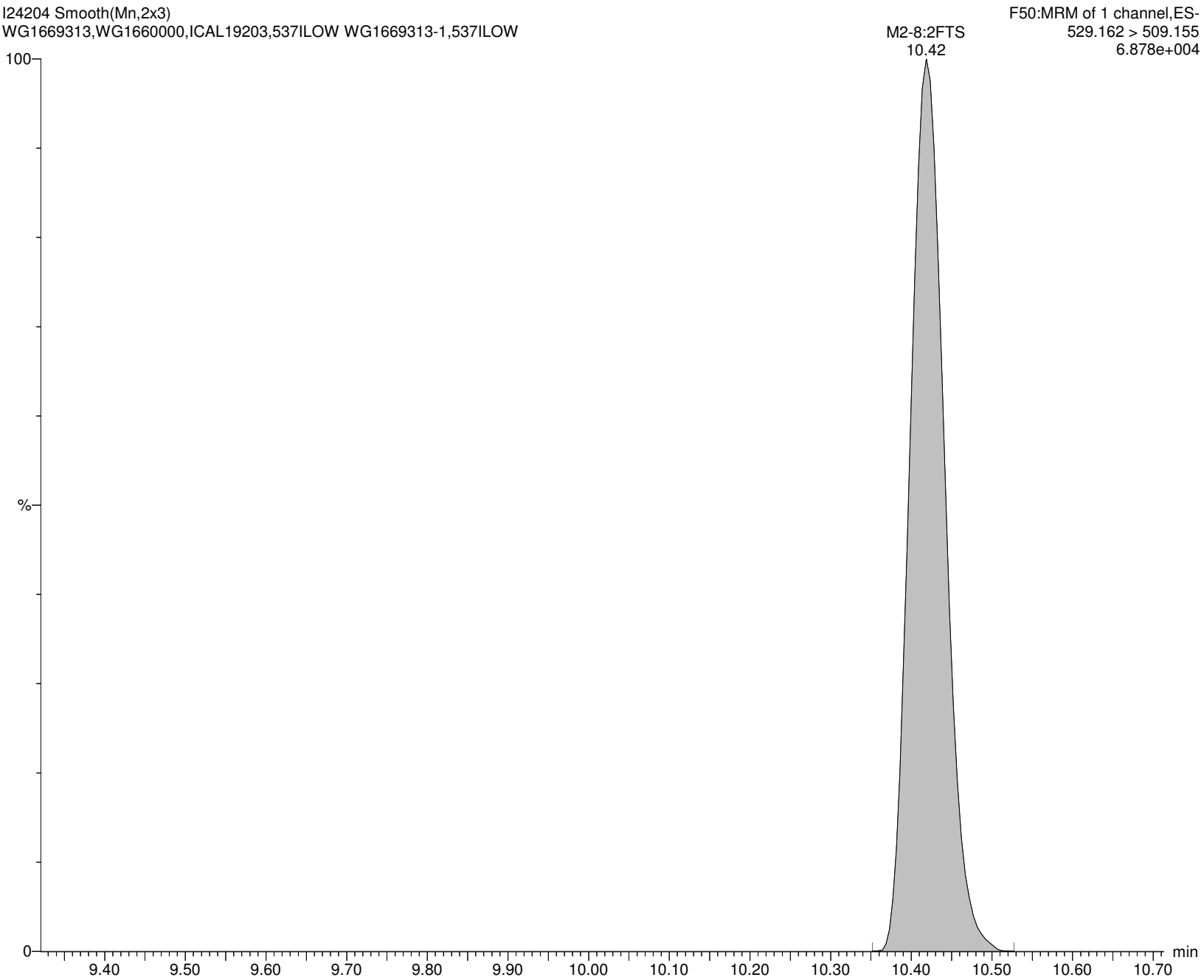


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2-8:2FTS

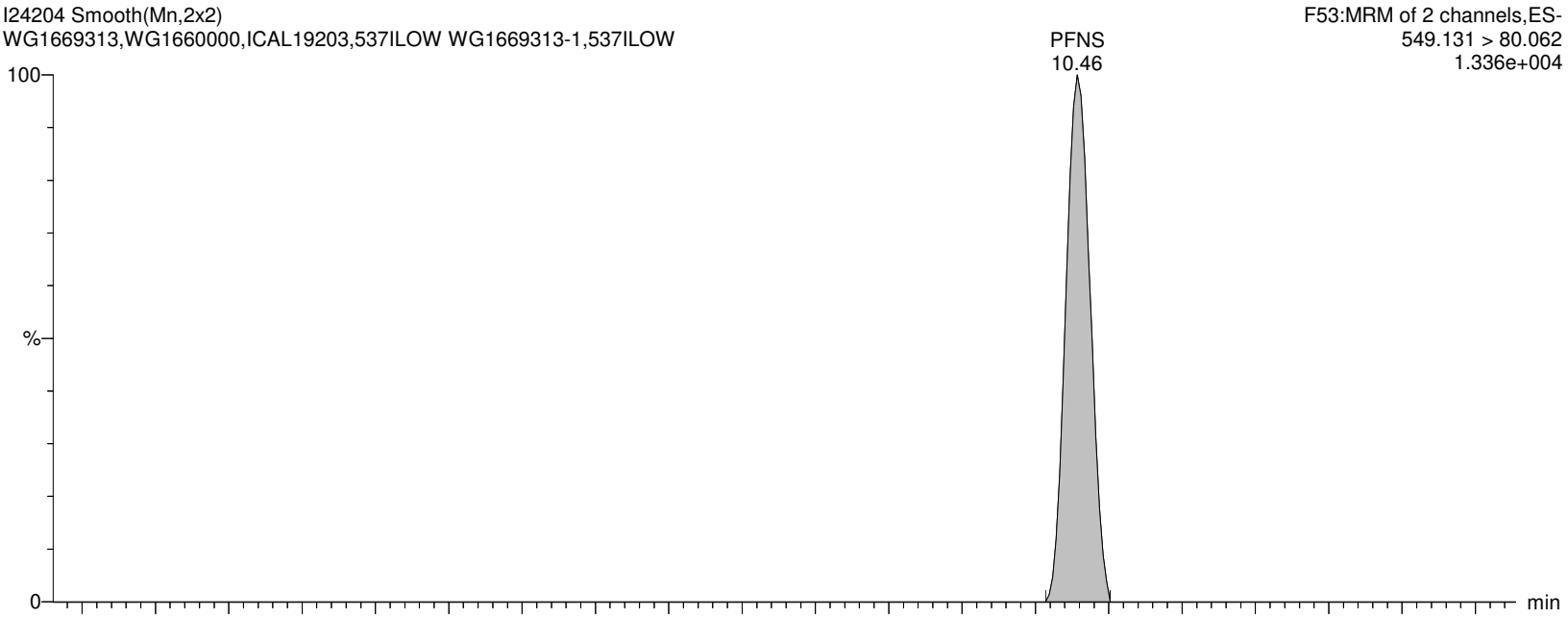


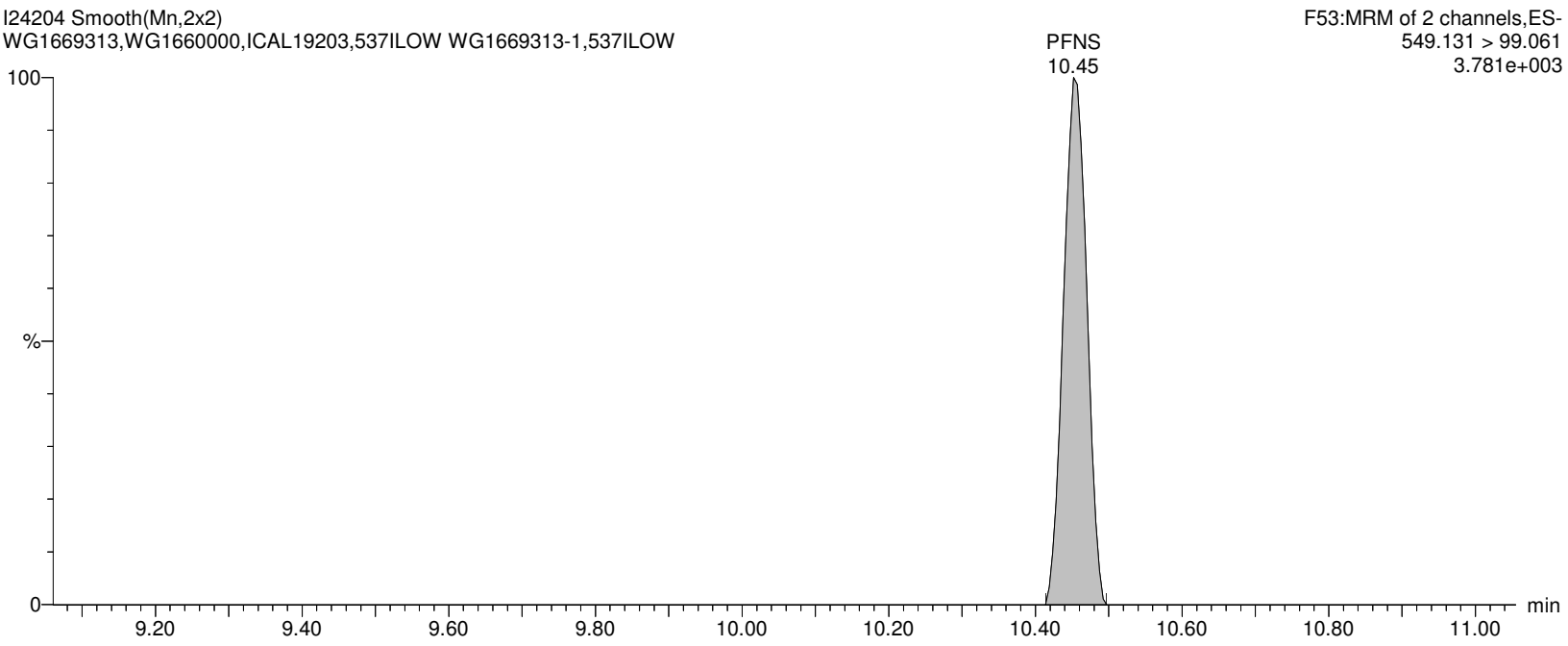
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFNS



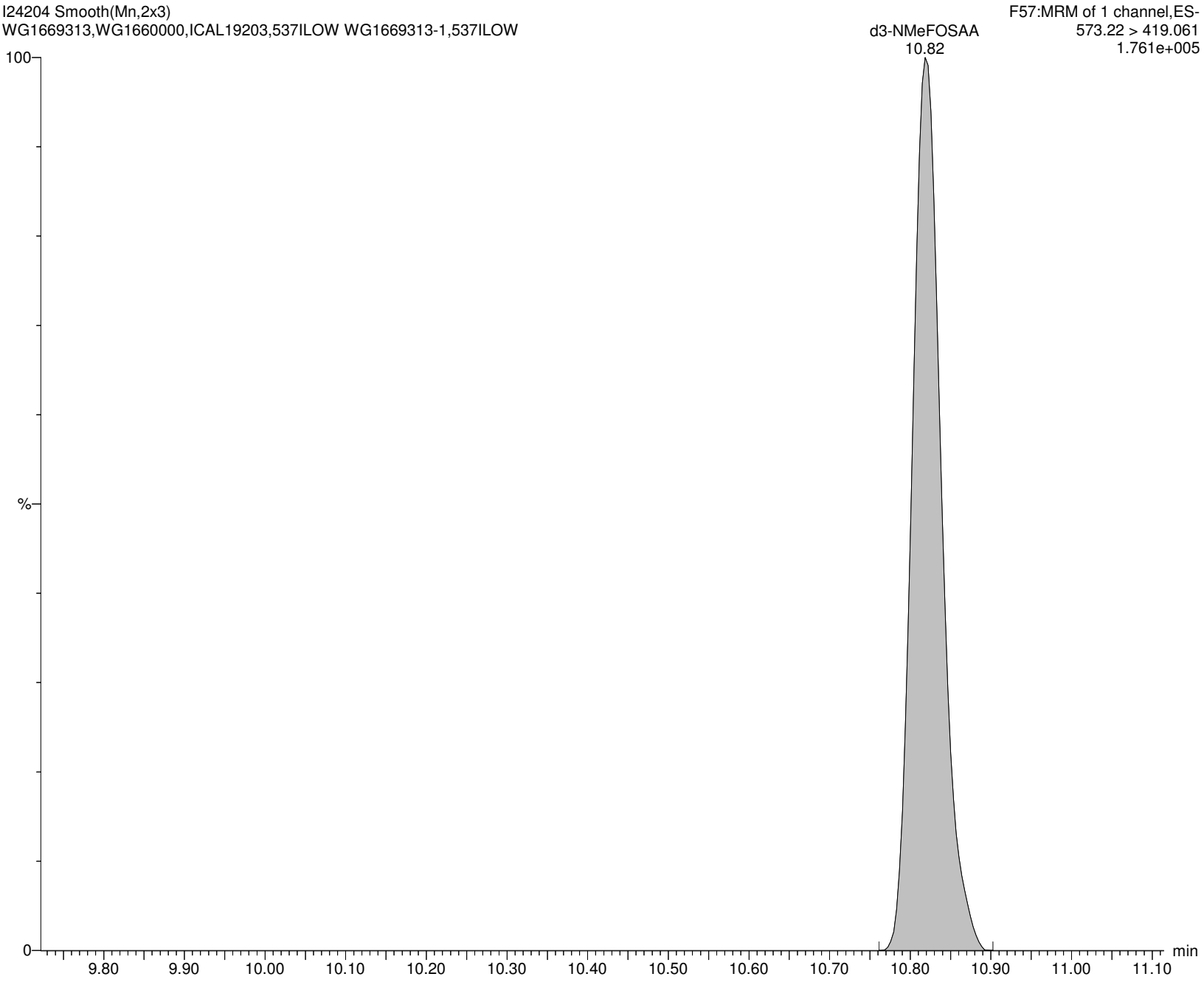


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

d3-NMeFOSAA

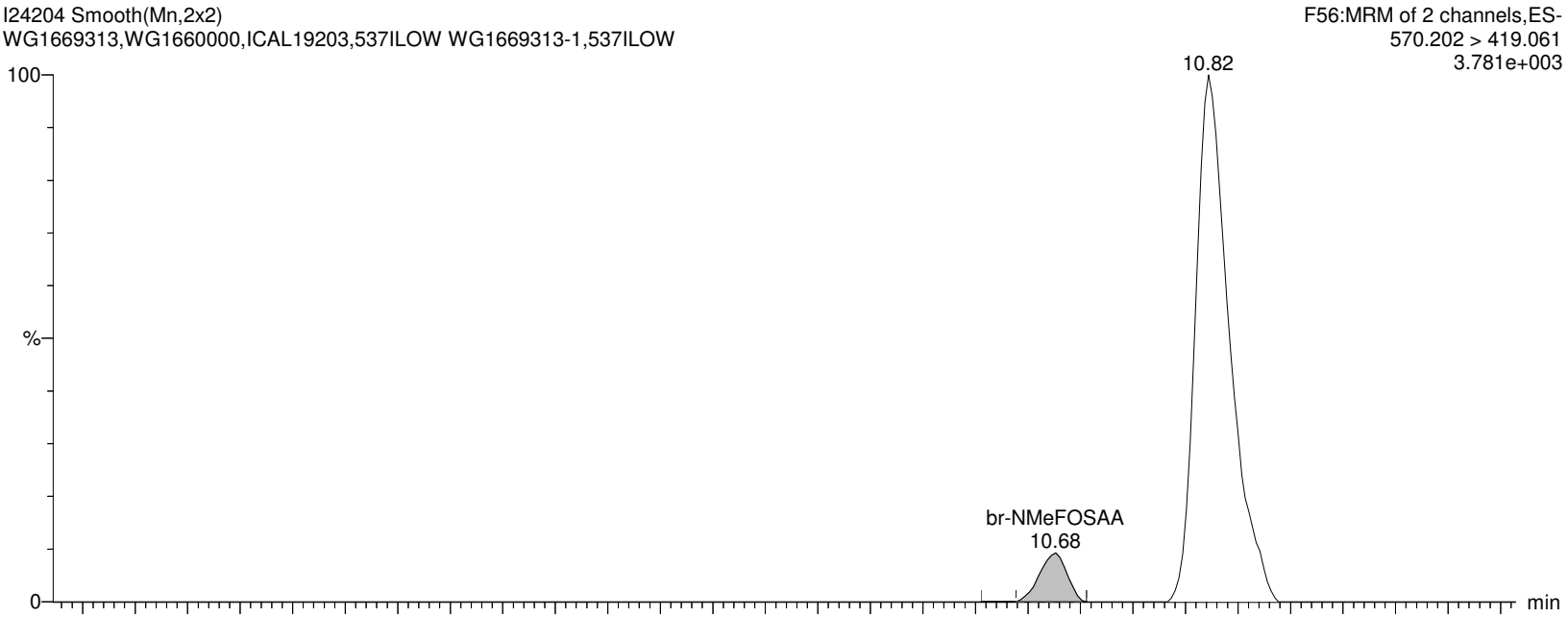


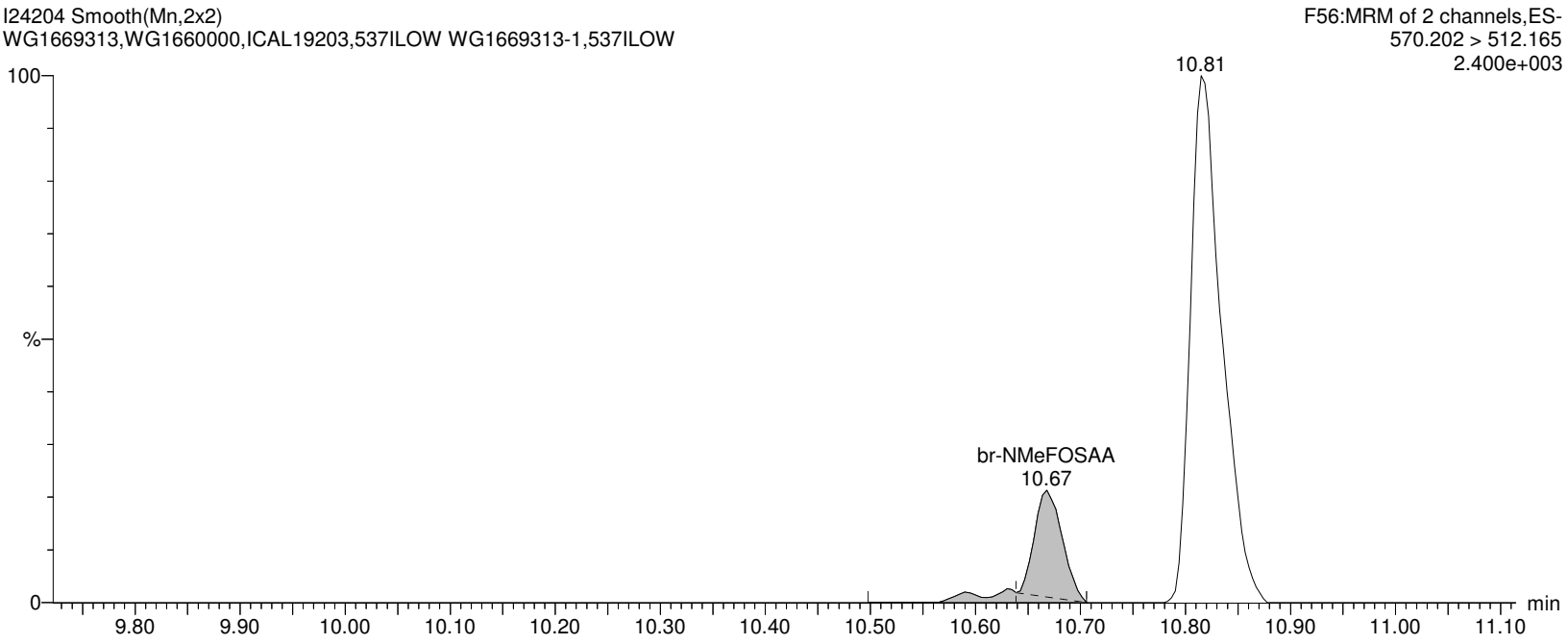
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

br-NMeFOSAA



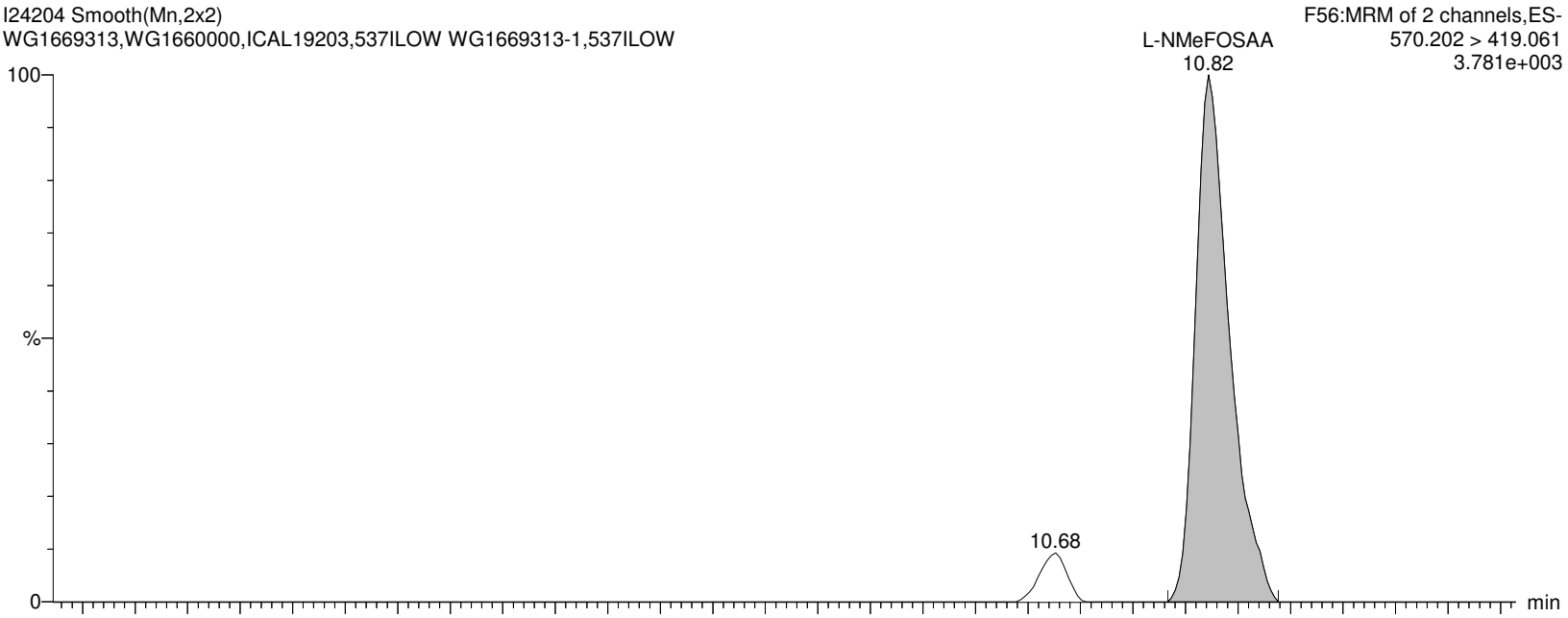


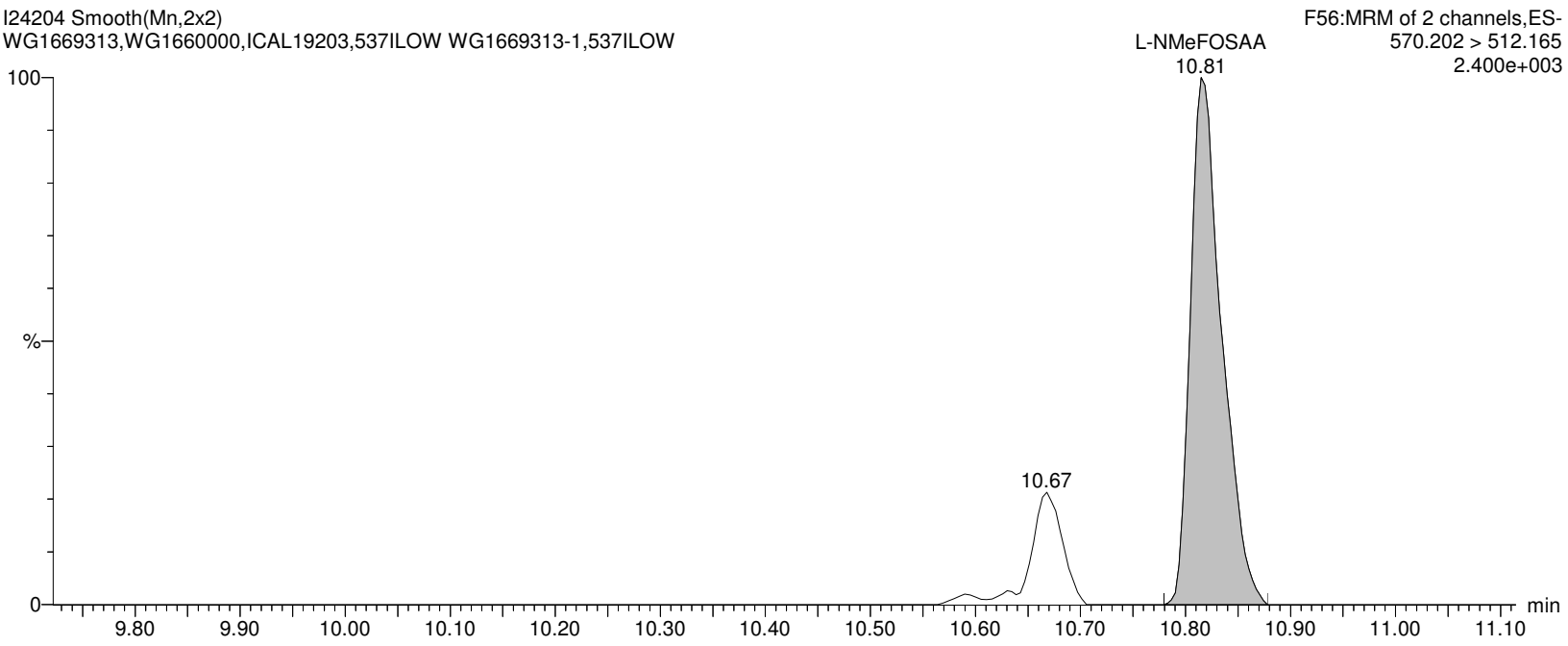
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

L-NMeFOSAA



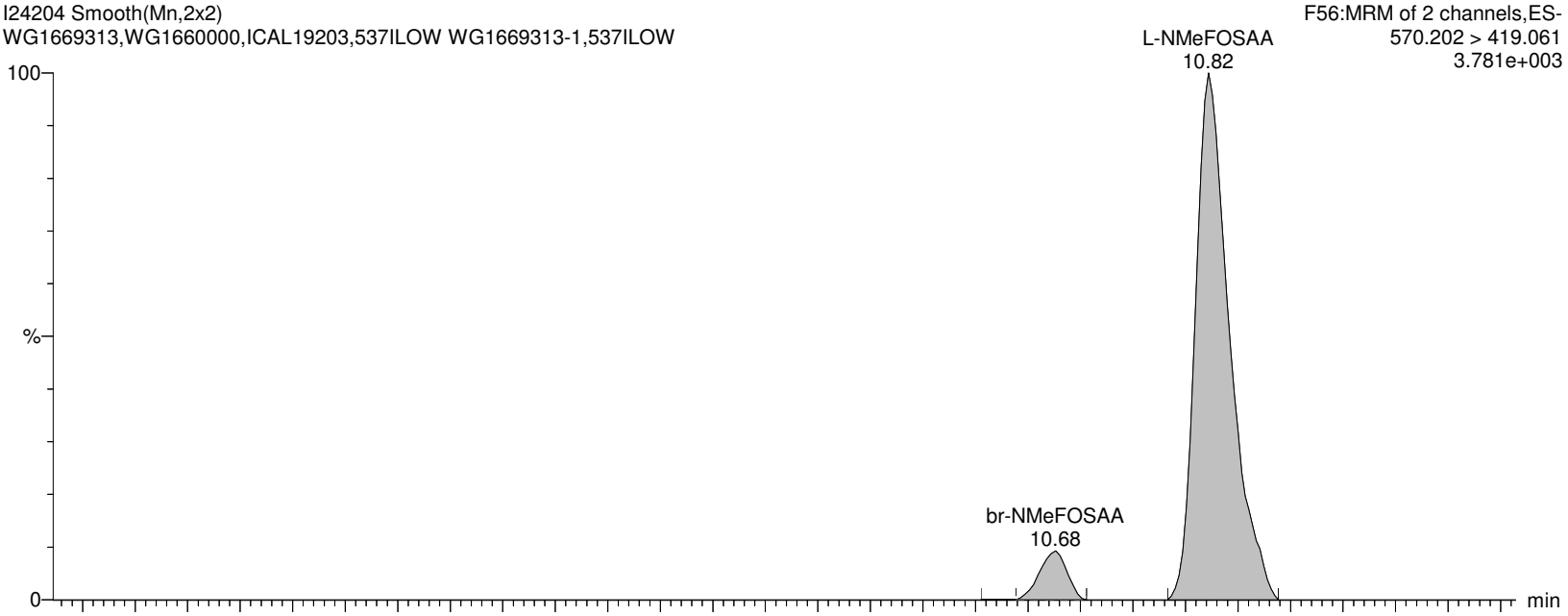


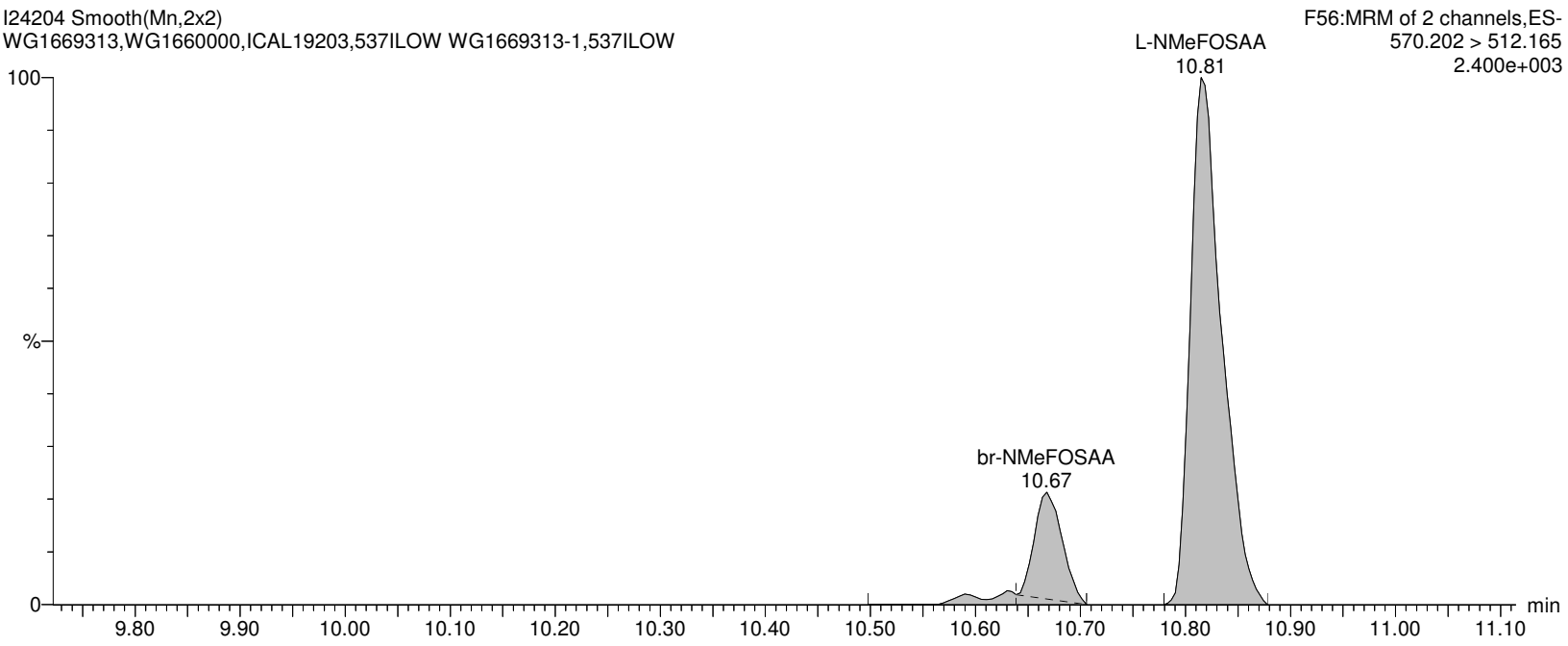
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

NMeFOSAA



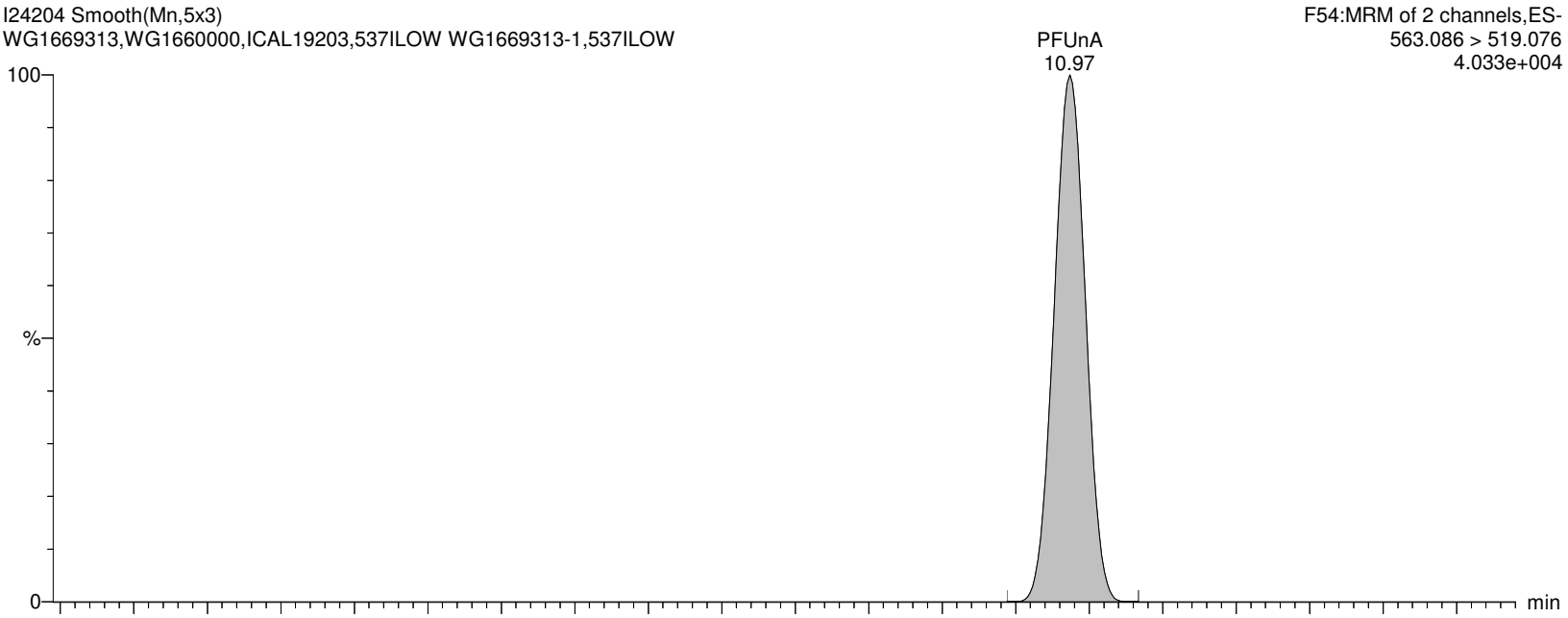


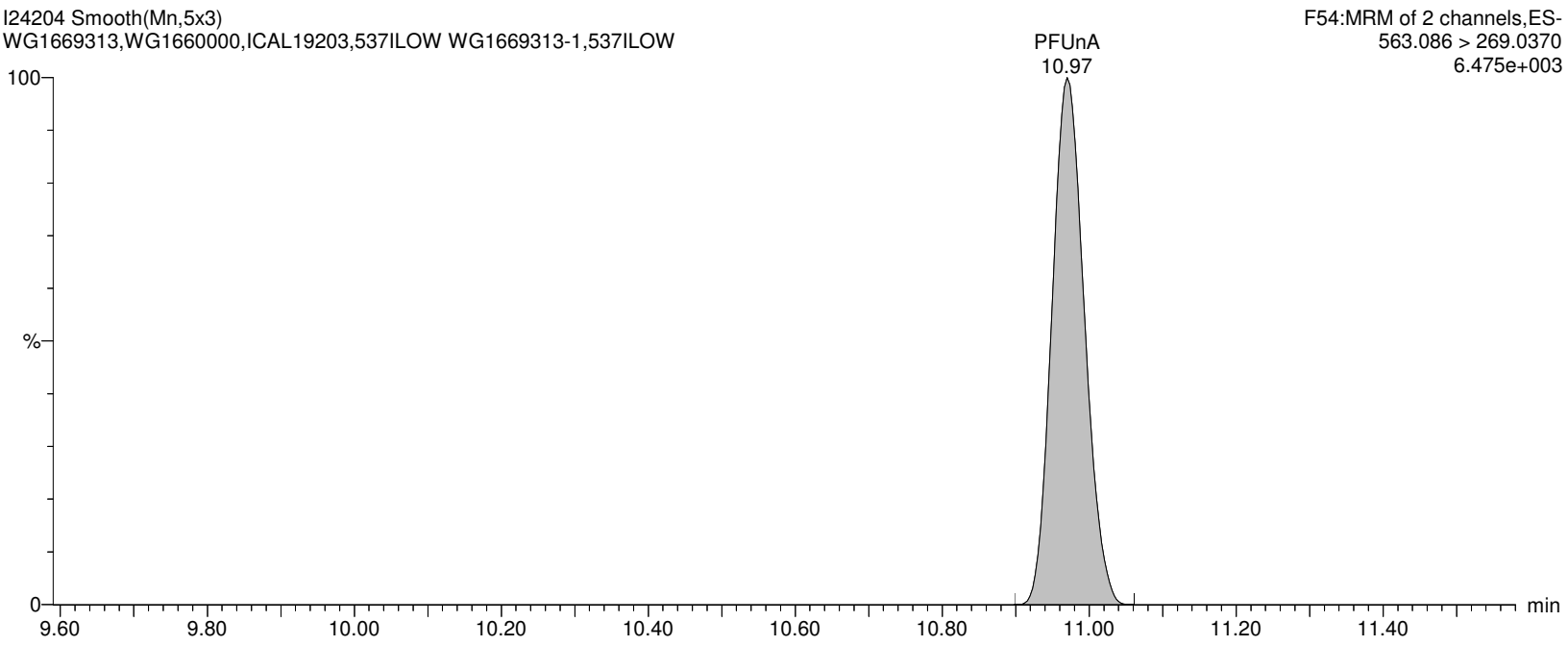
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFUnA



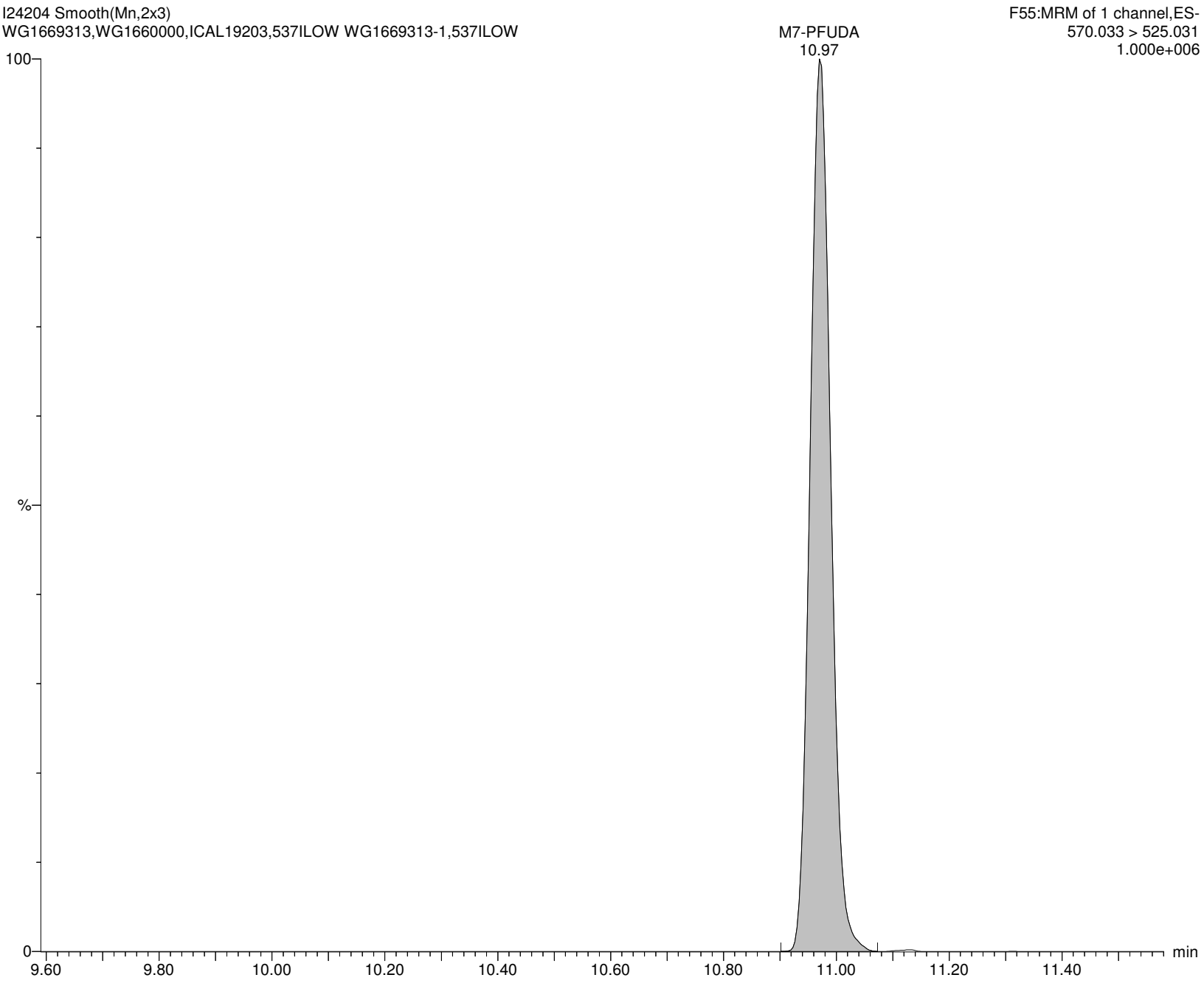


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M7-PFUDA

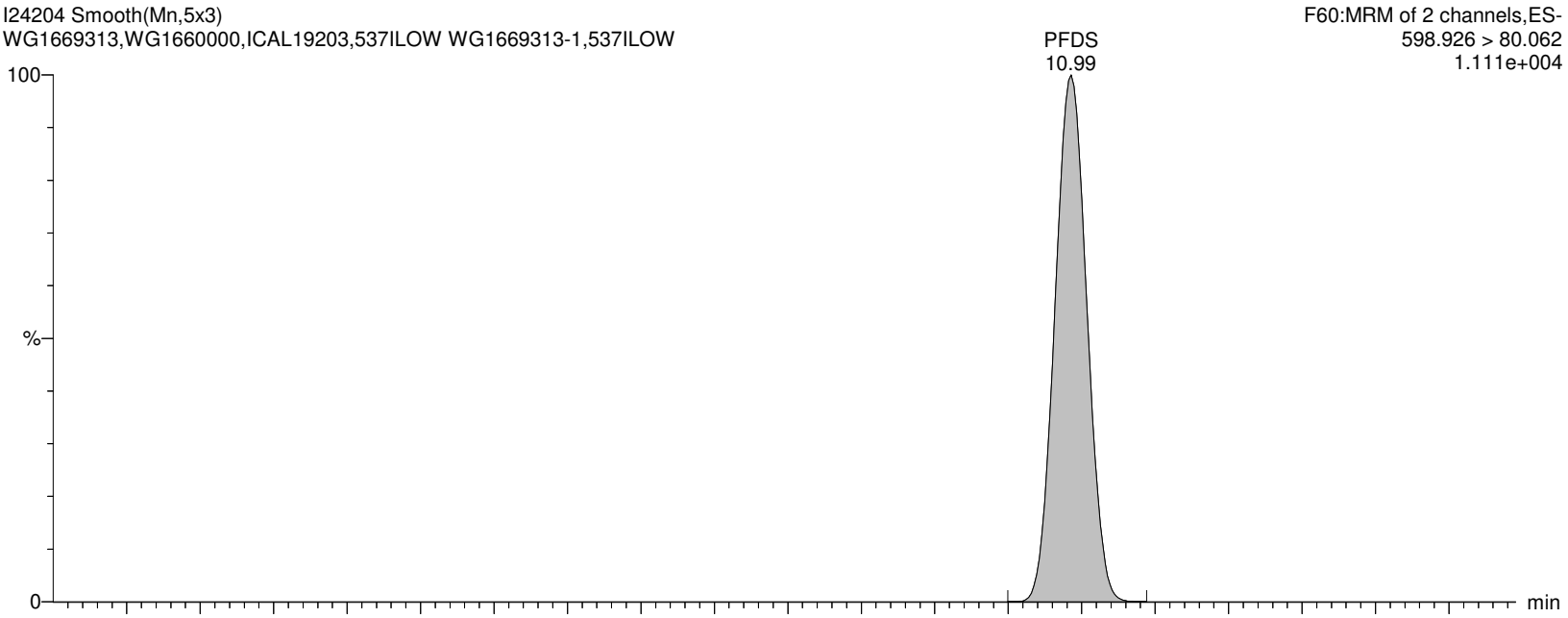


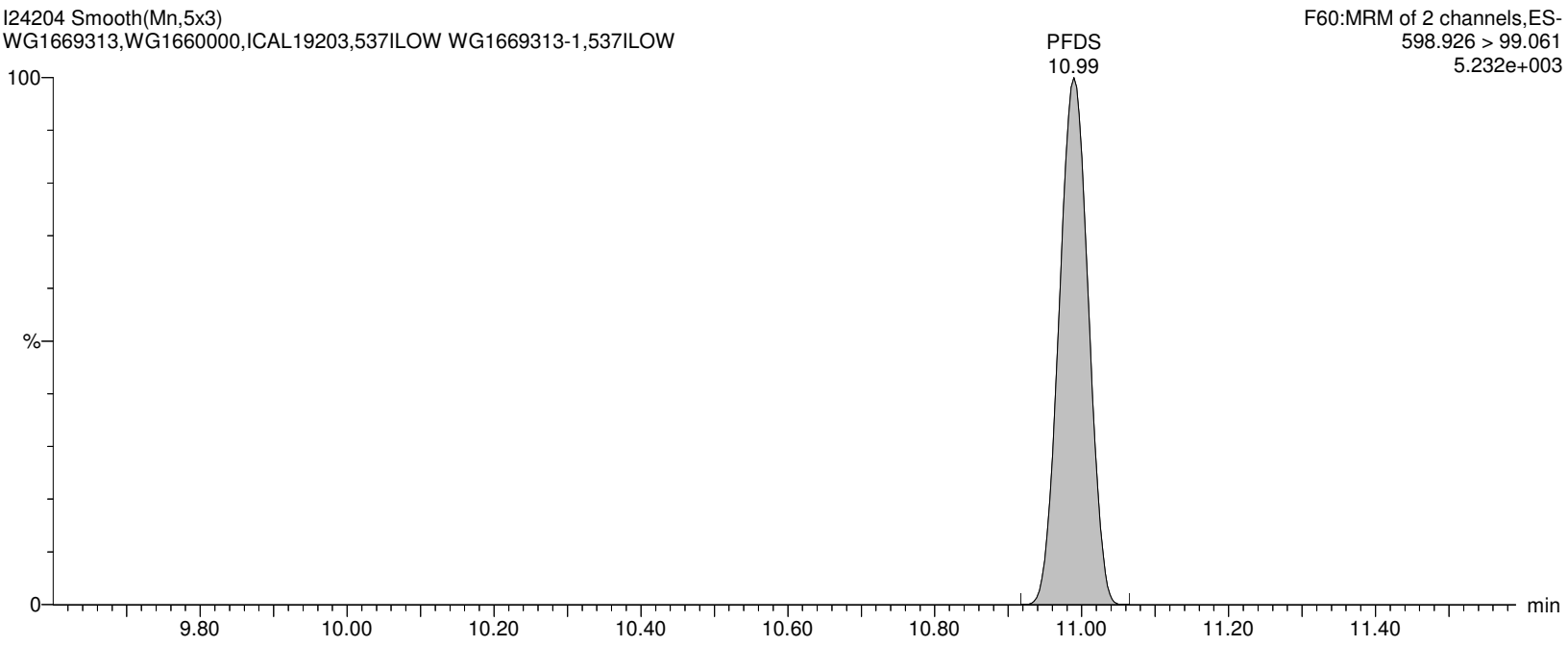
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFDS



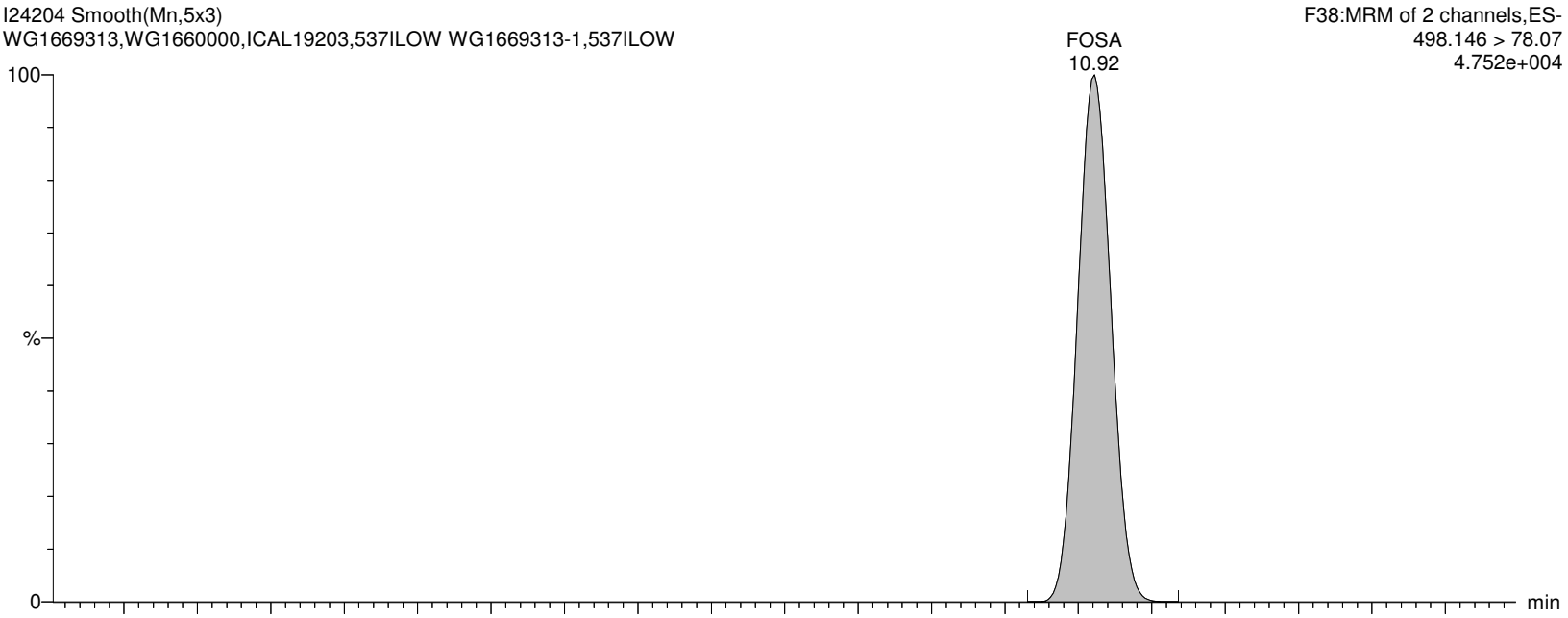


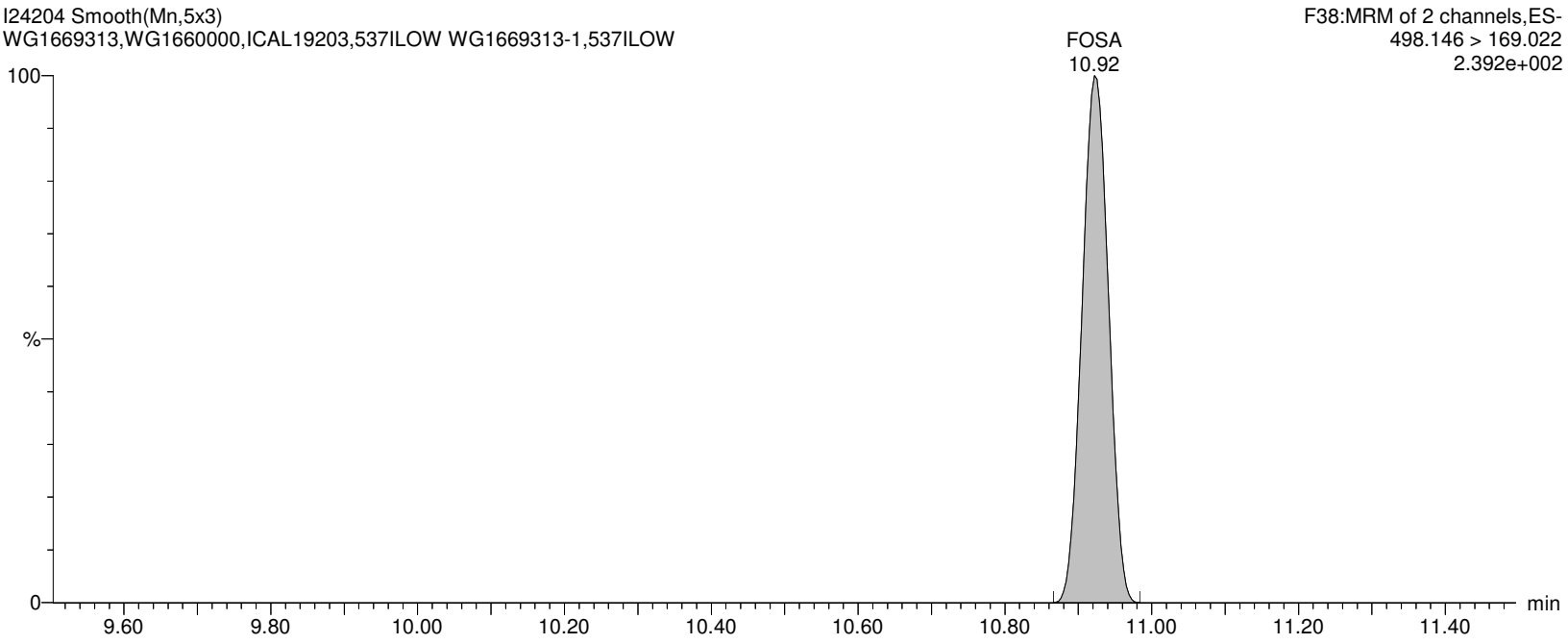
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

FOSA



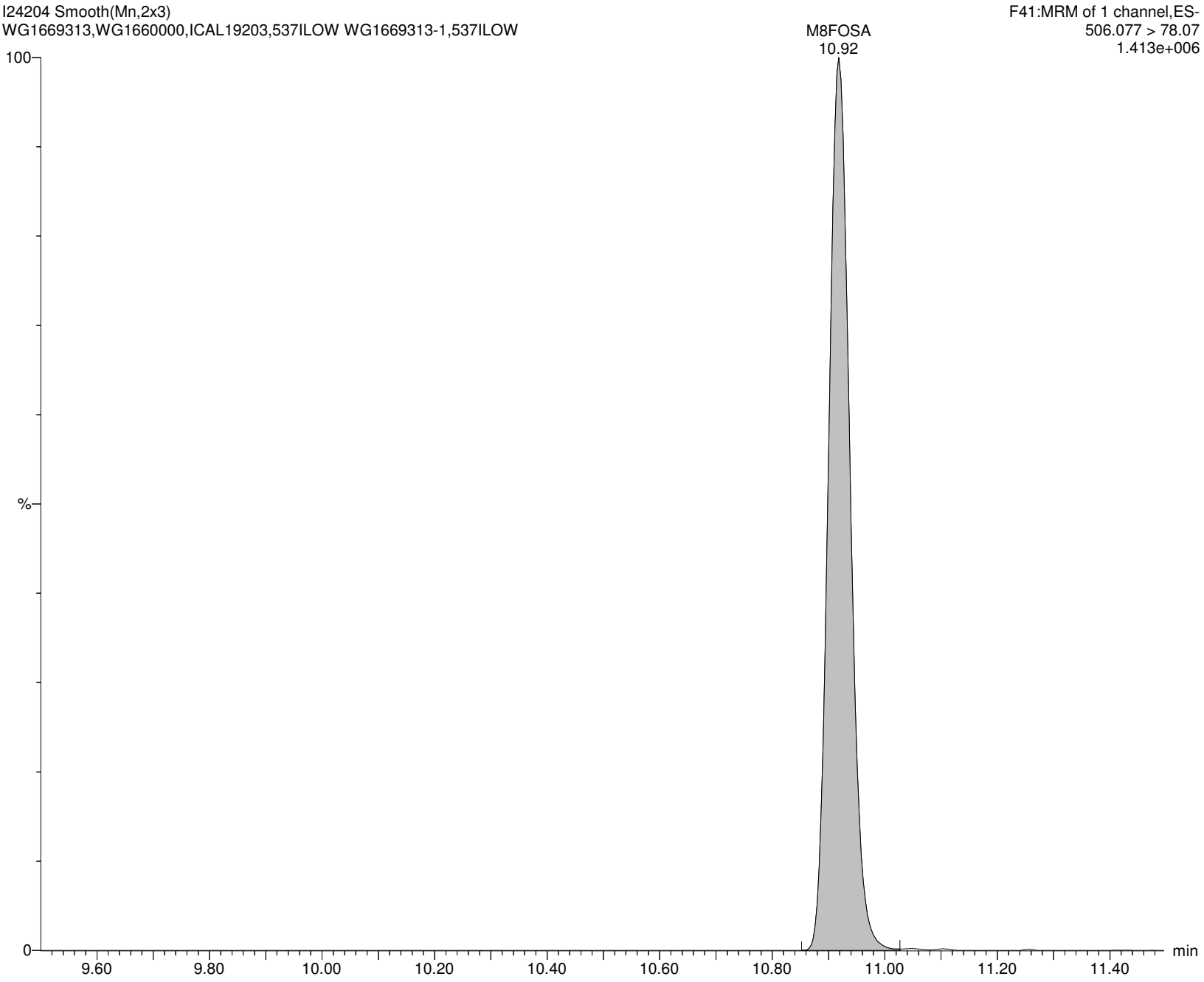


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M8FOSA

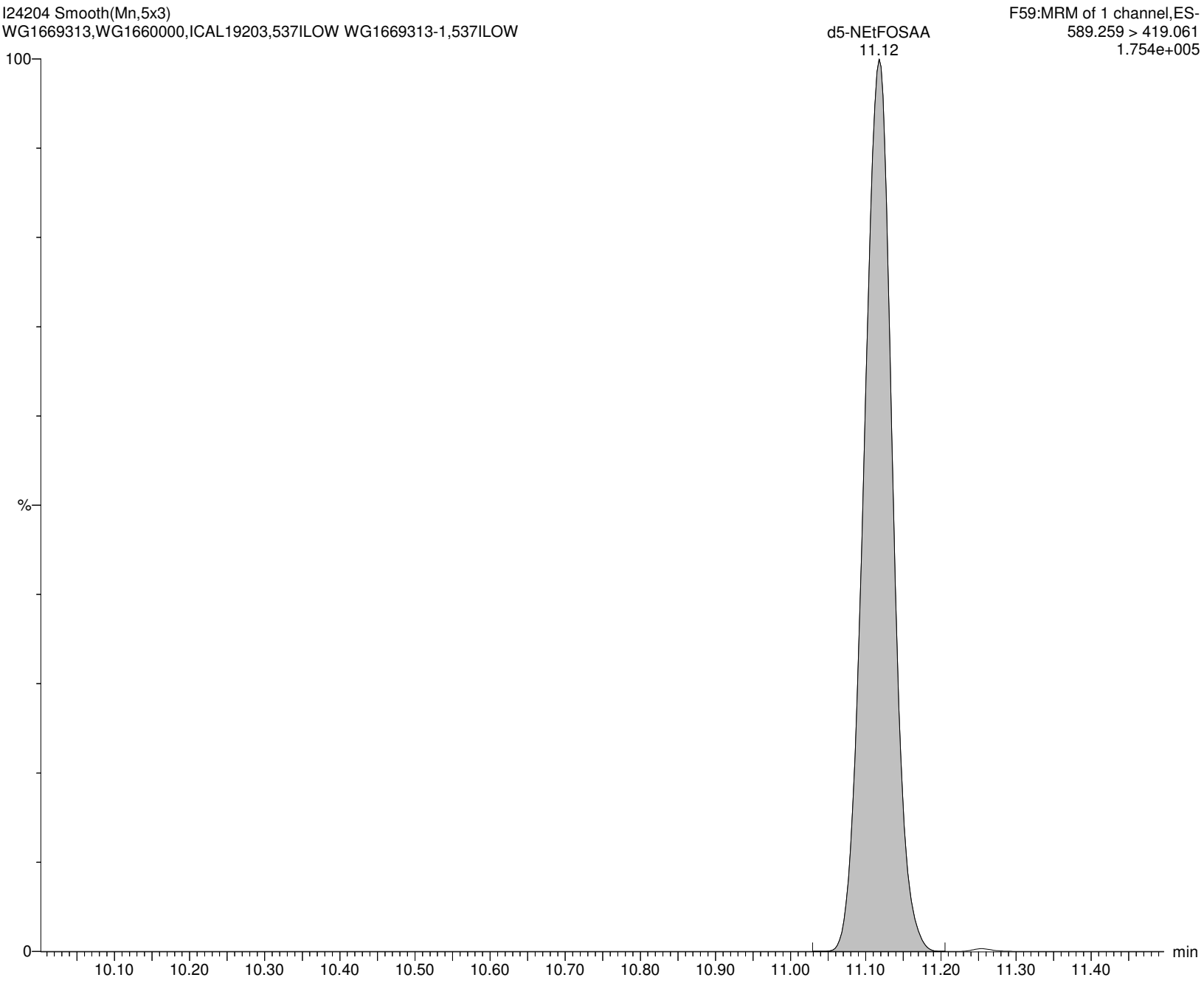


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

d5-NEtFOSAA

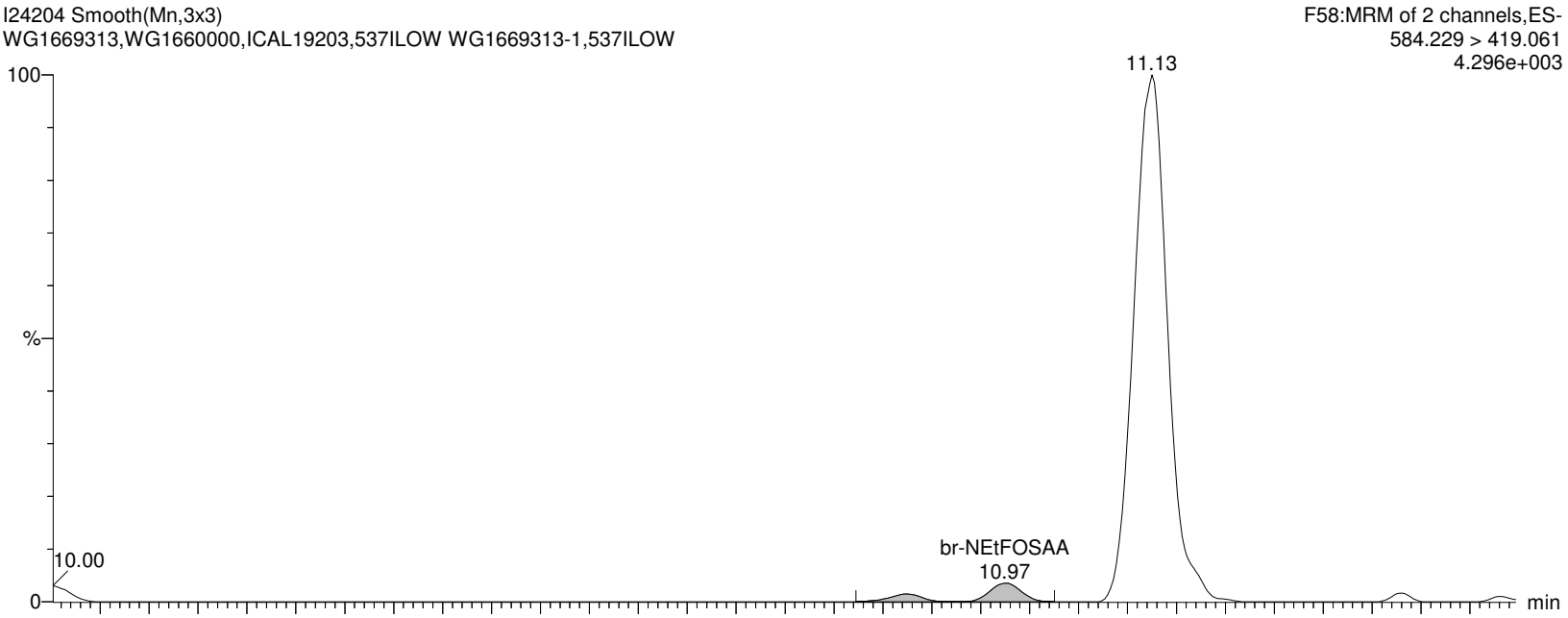


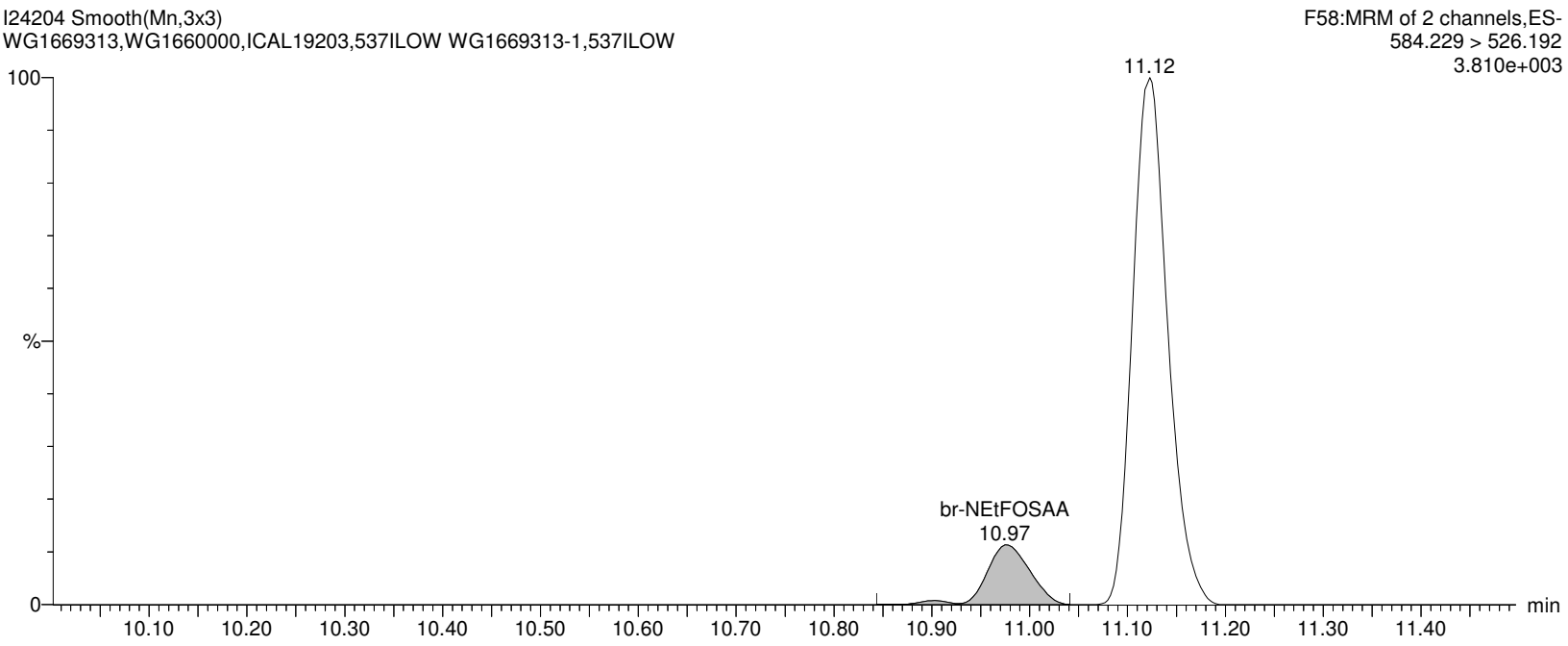
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

br-NEtFOSAA



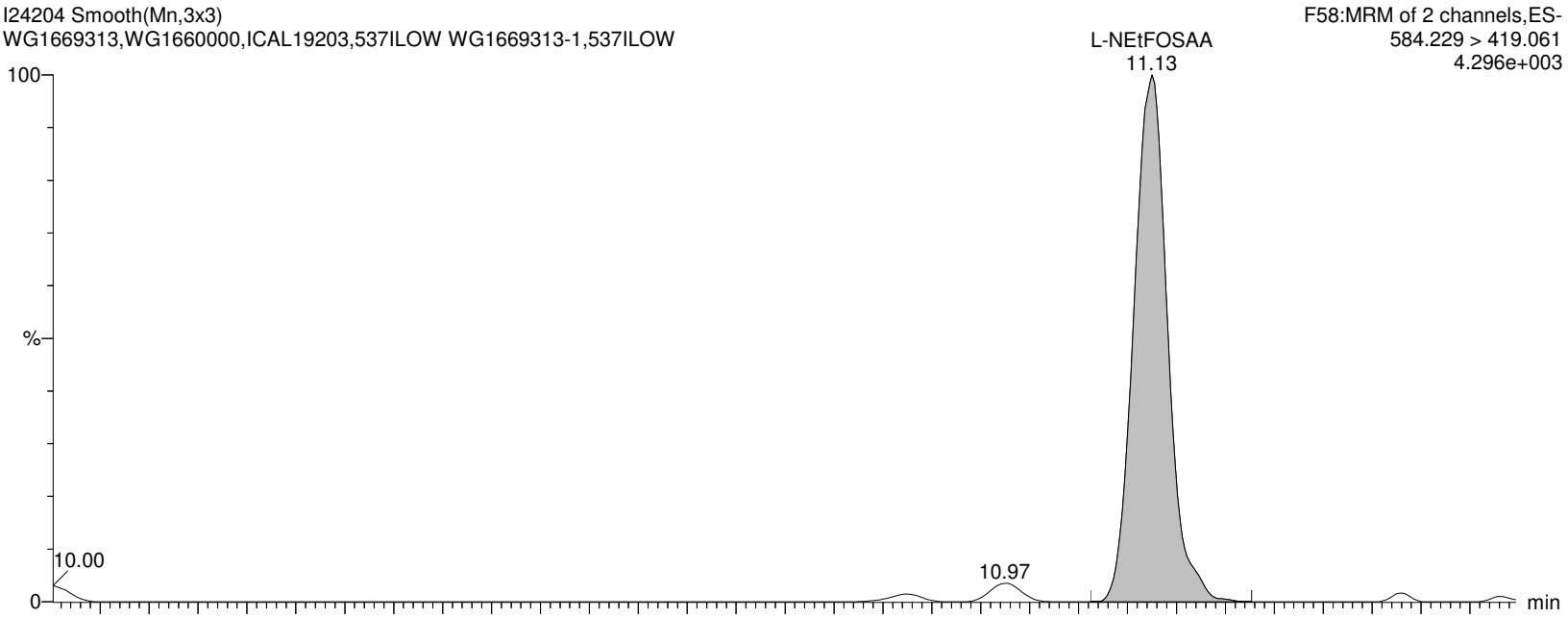


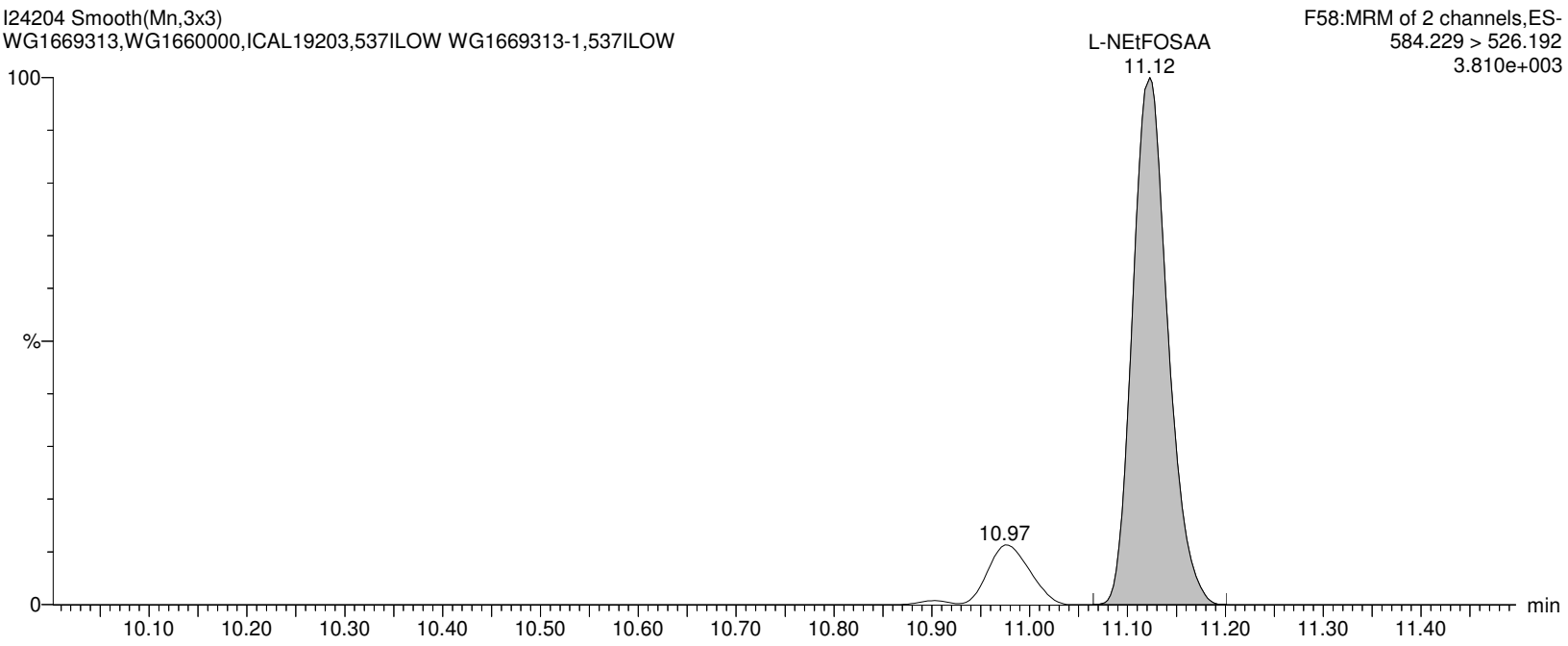
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

L-NEtFOSAA



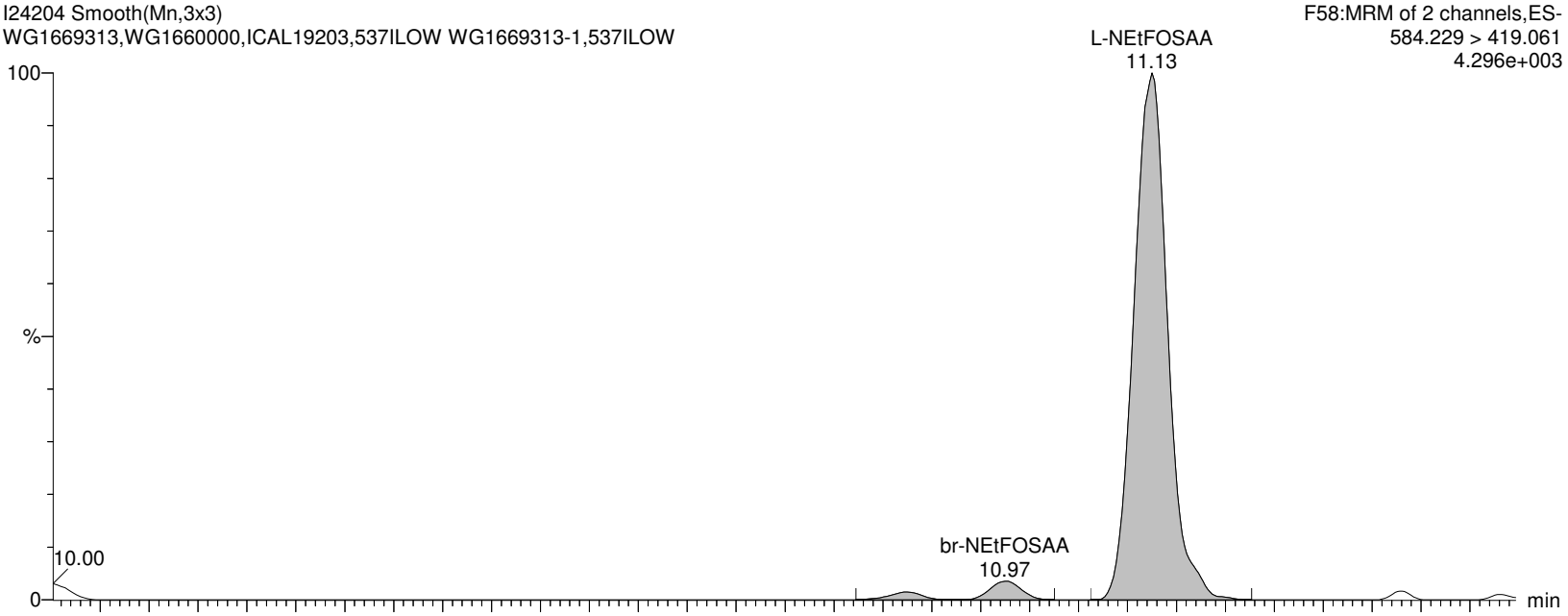


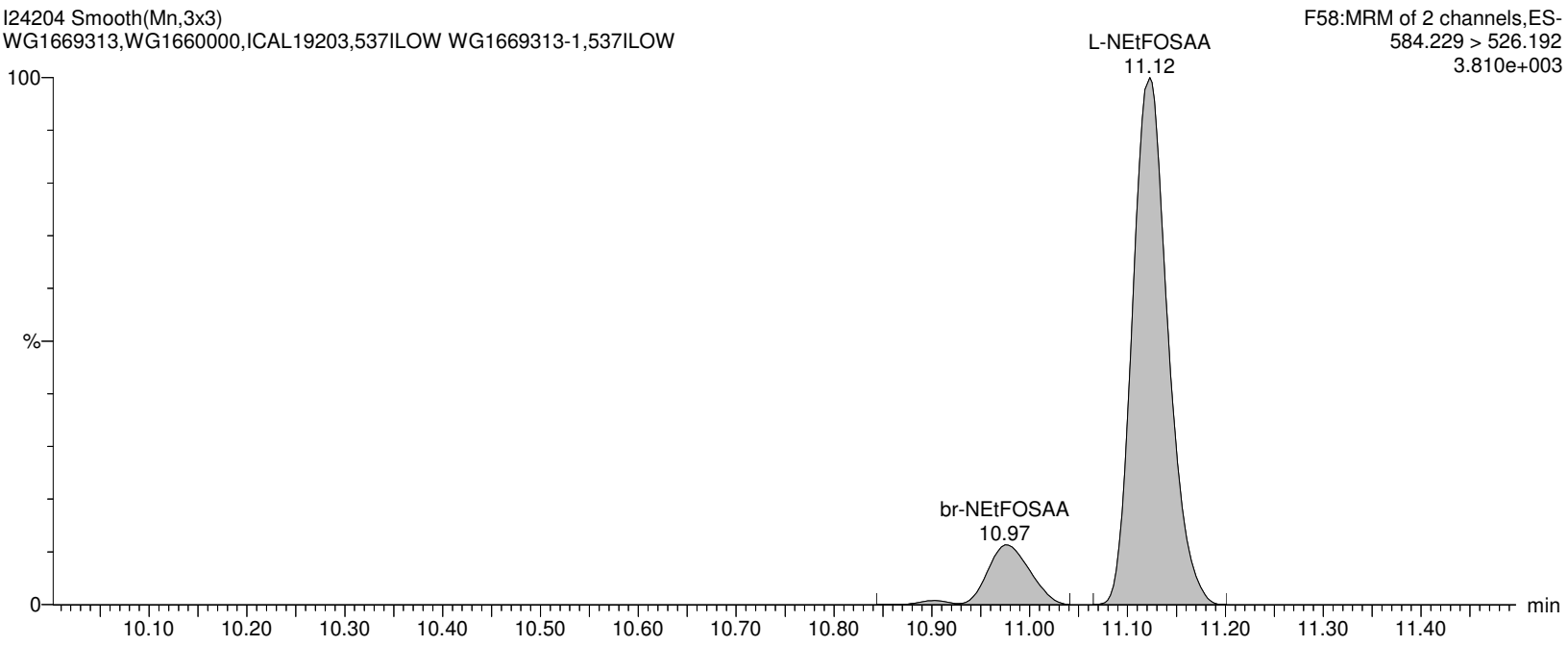
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

NEtFOSAA



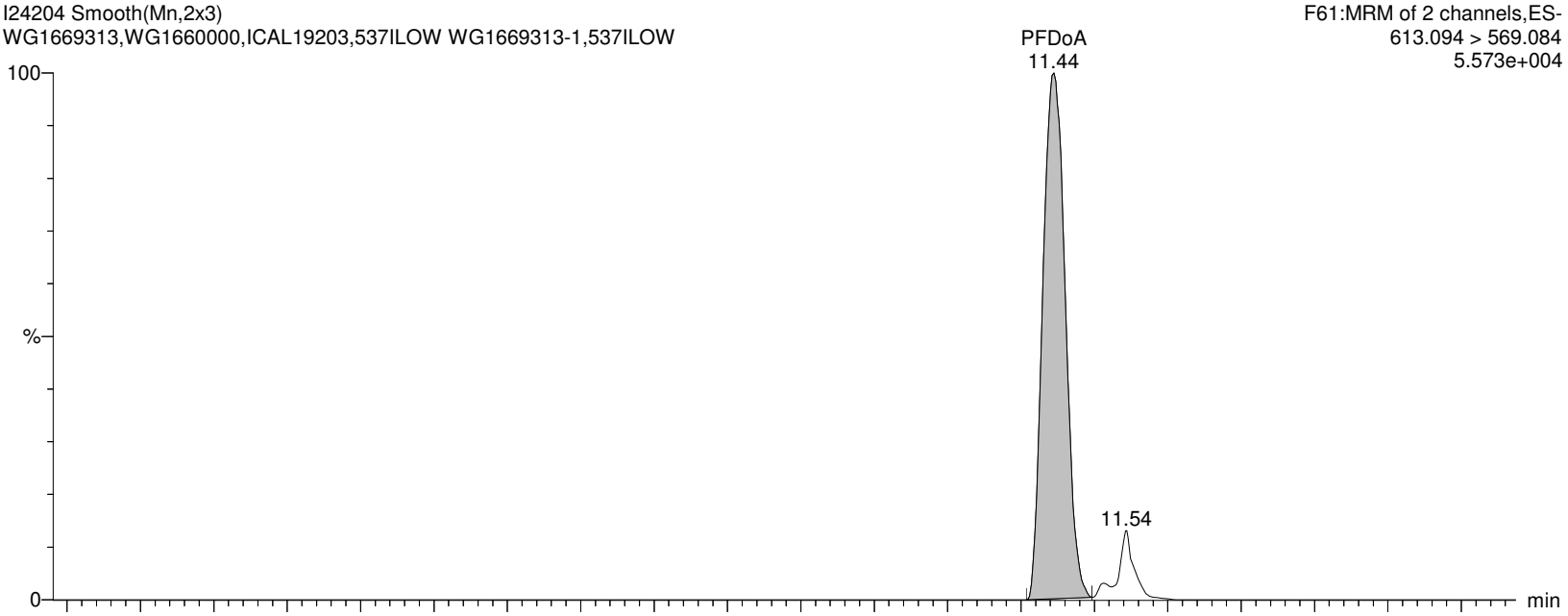


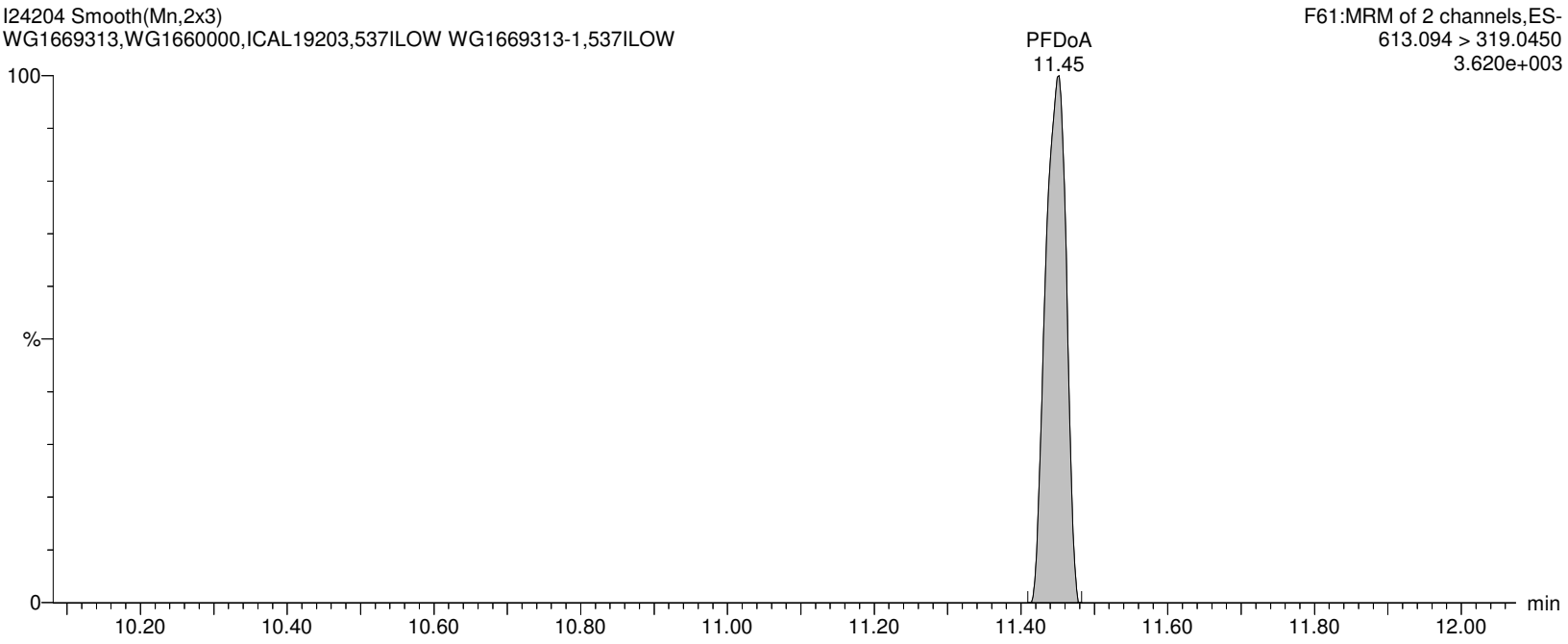
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFDoA



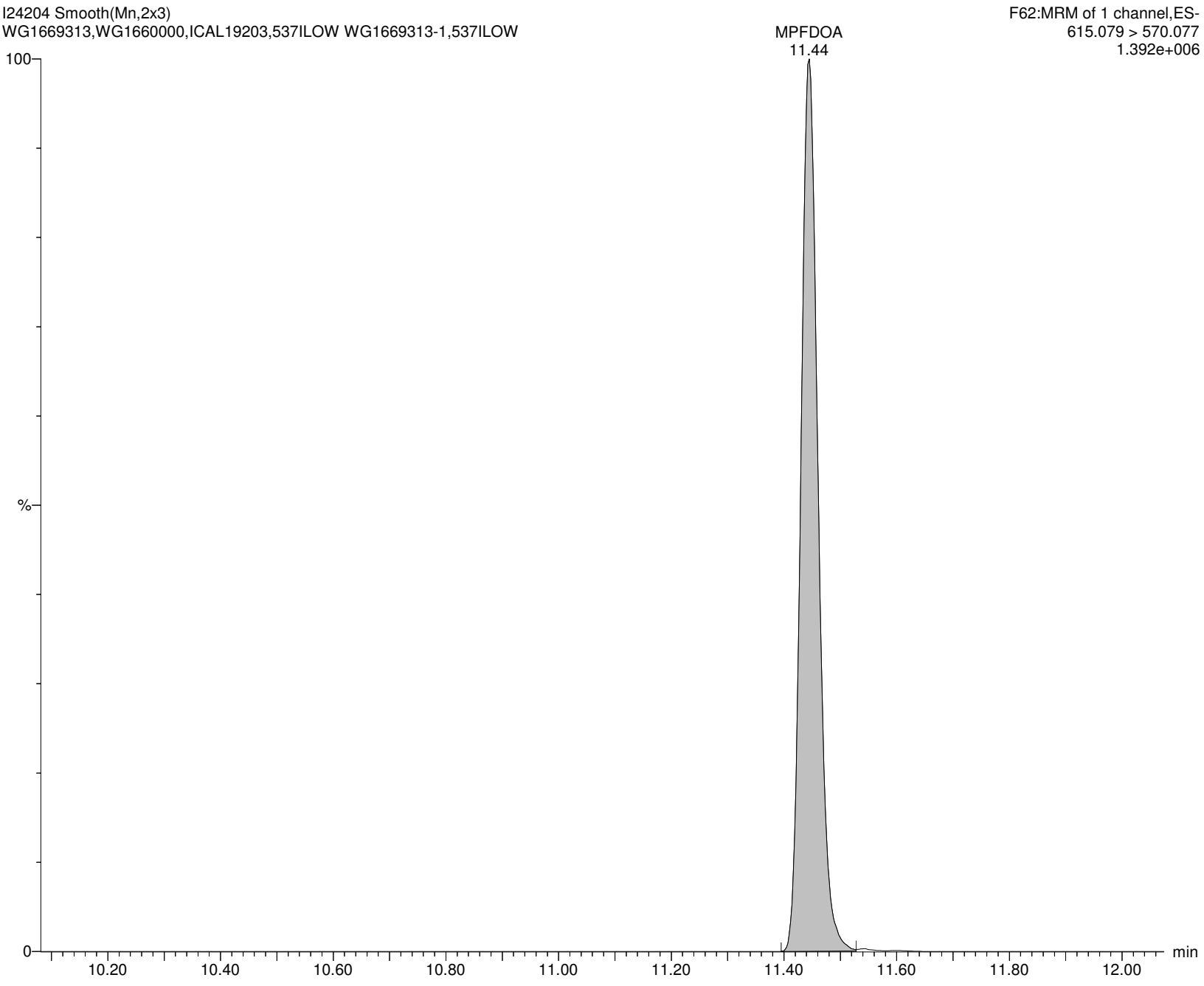


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

MPFDOA

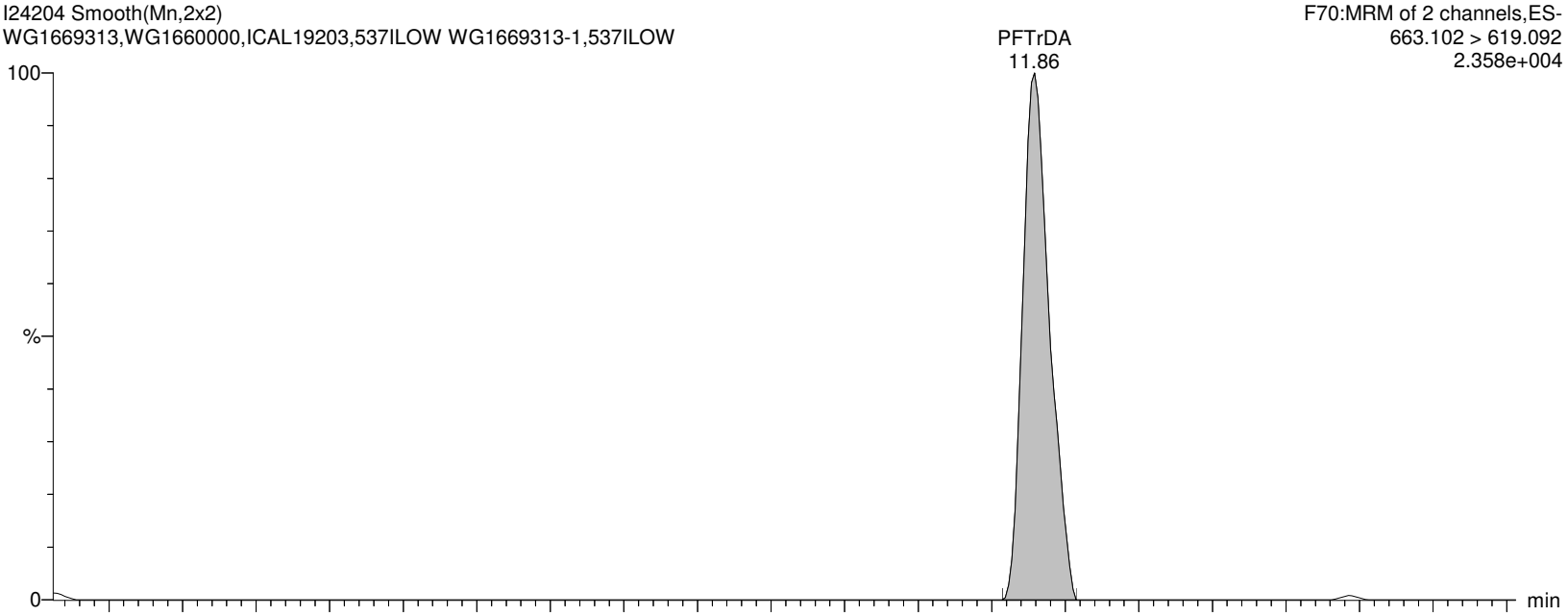


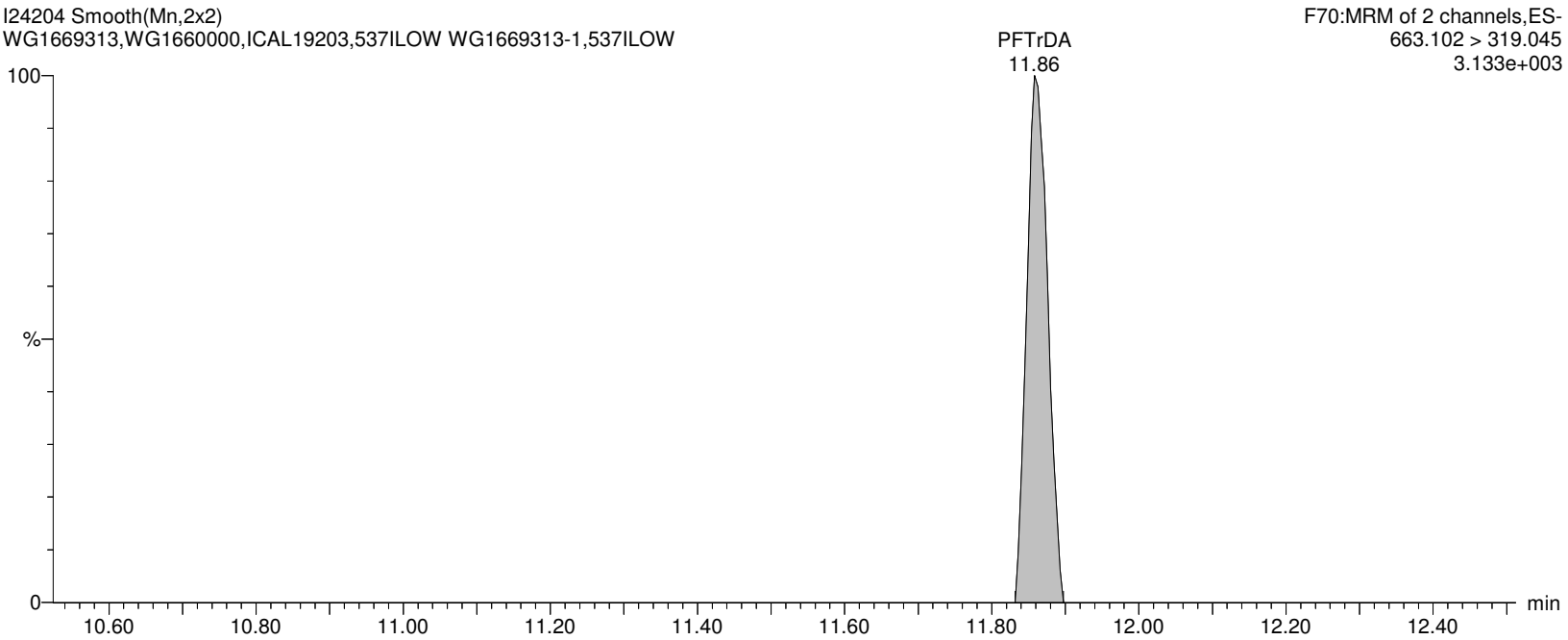
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFTrDA



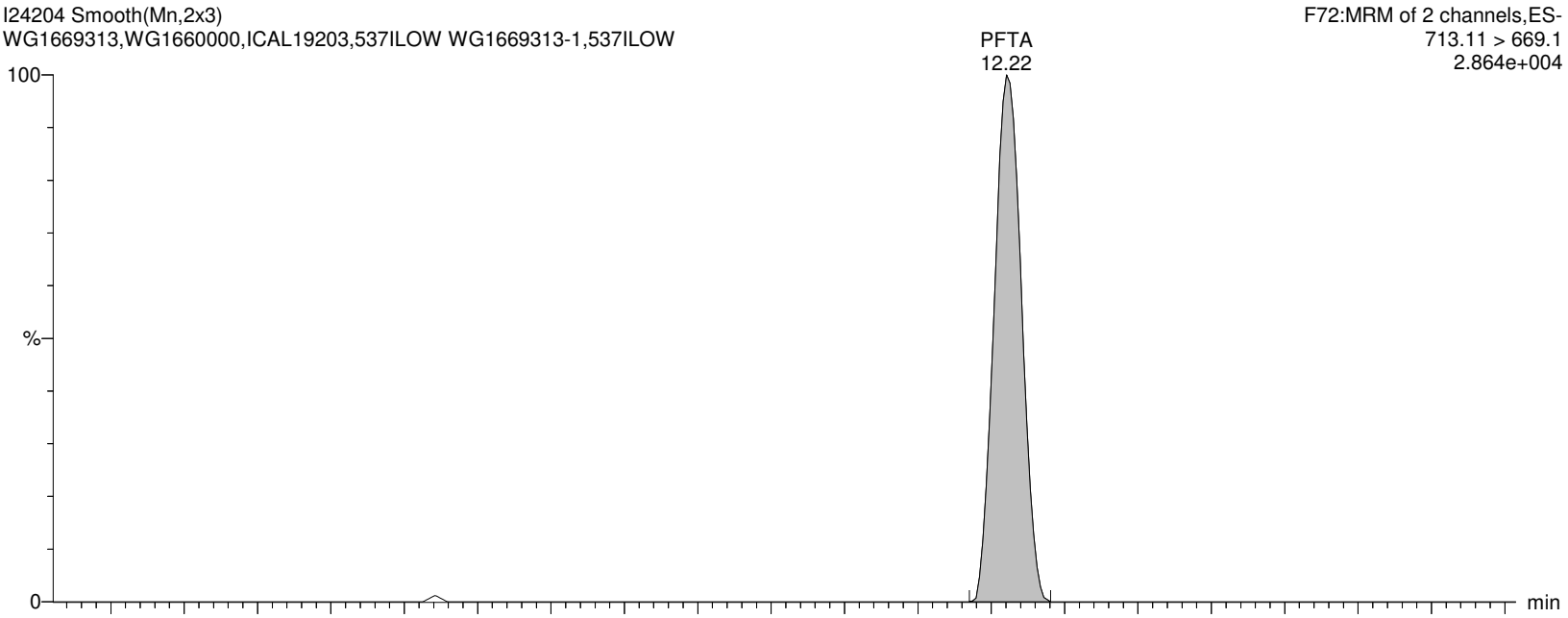


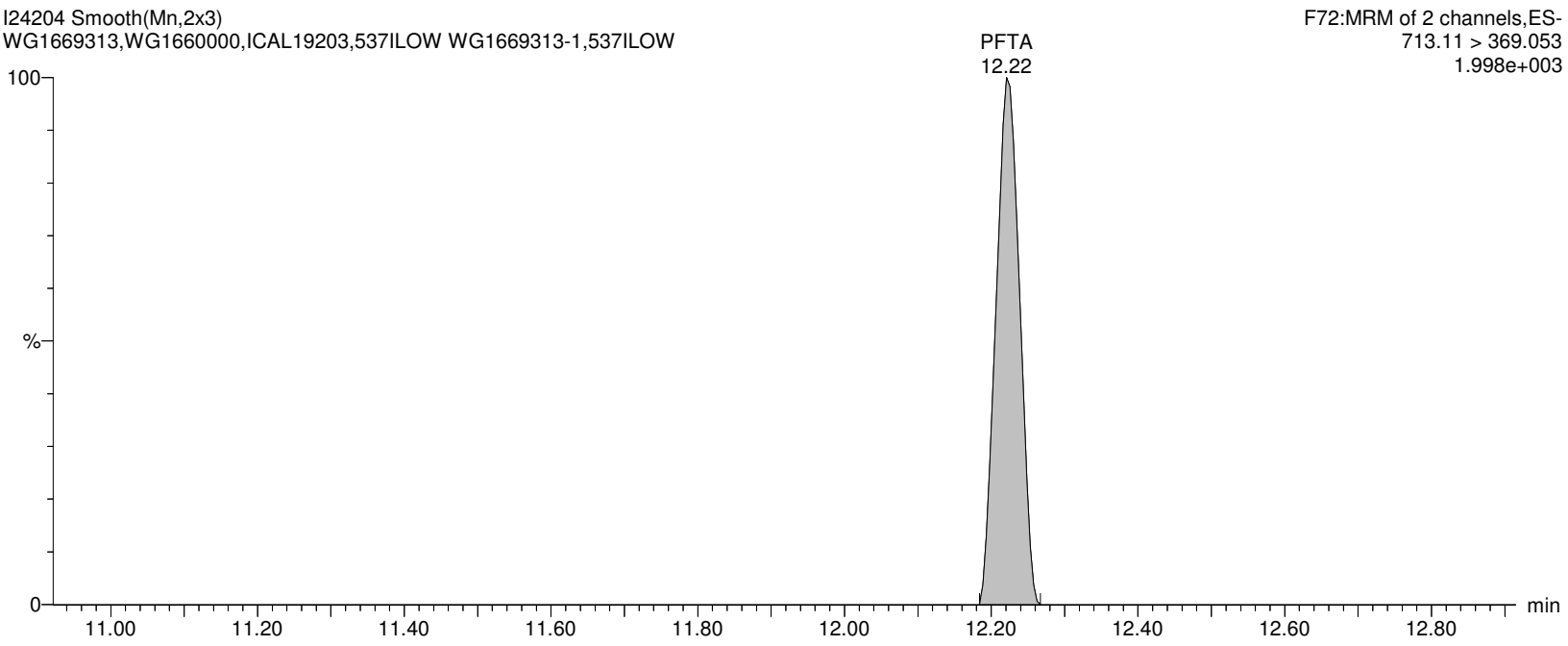
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFTA



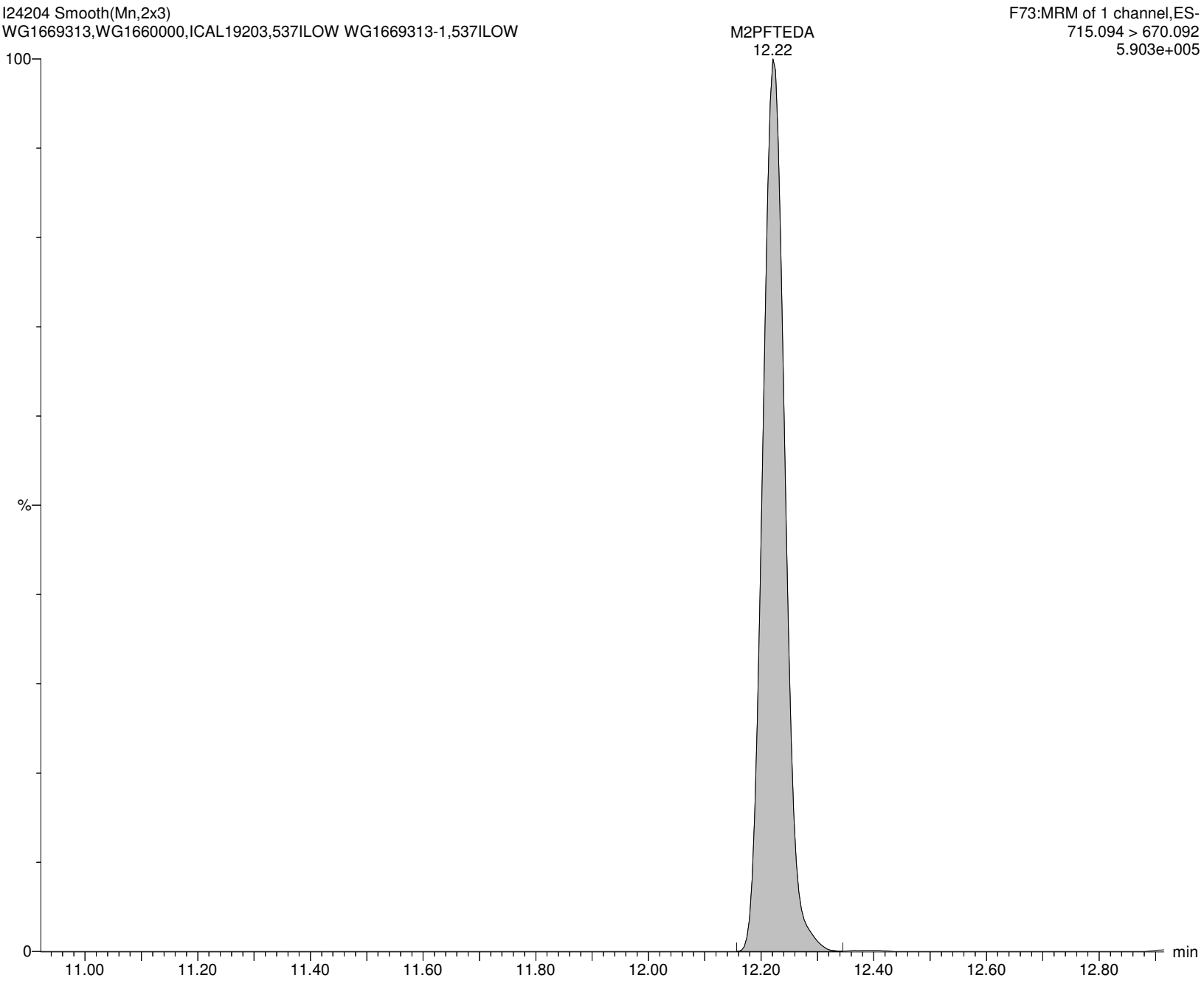


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2PFTEDA

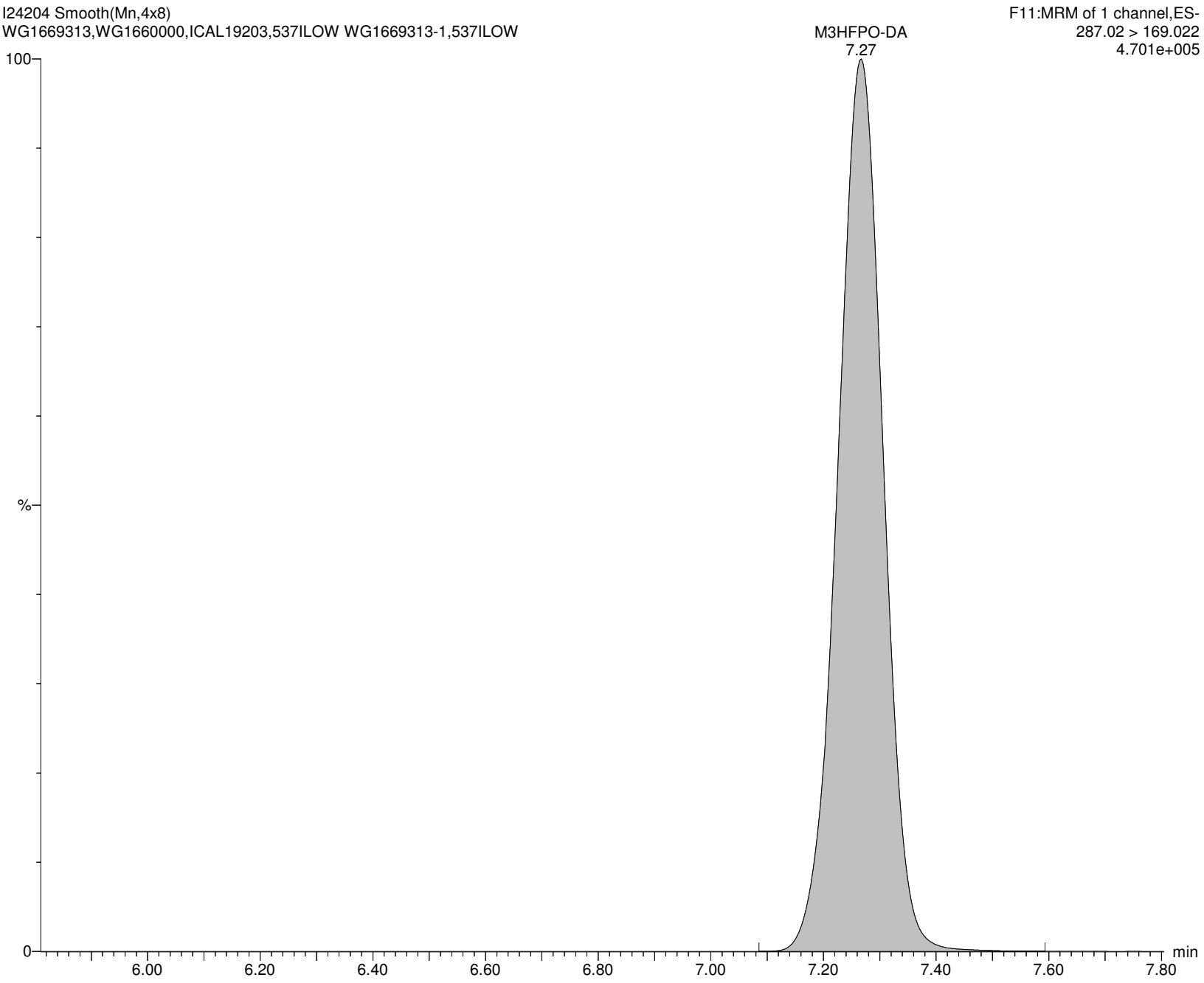


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M3HFPO-DA

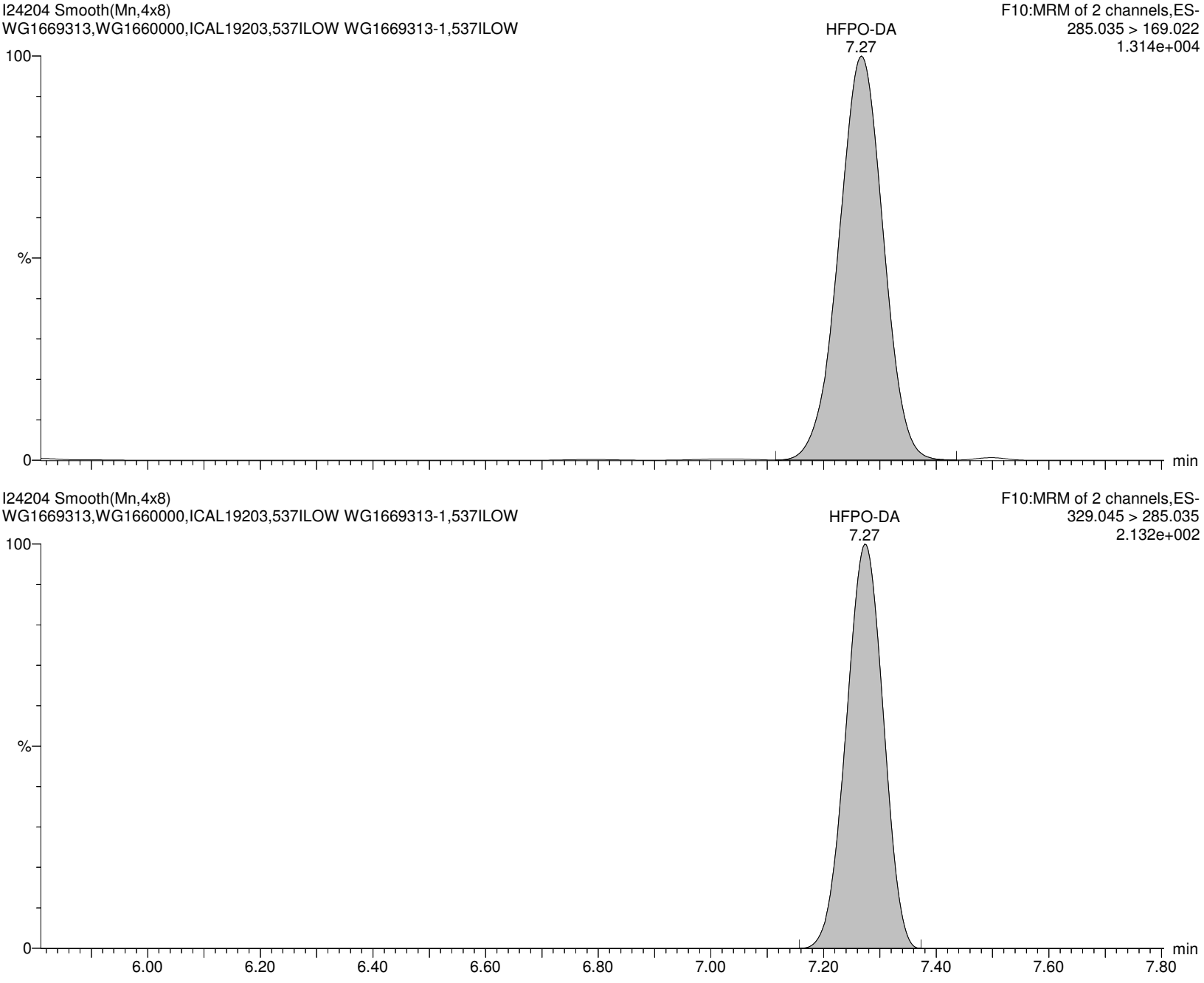


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

HFPO-DA

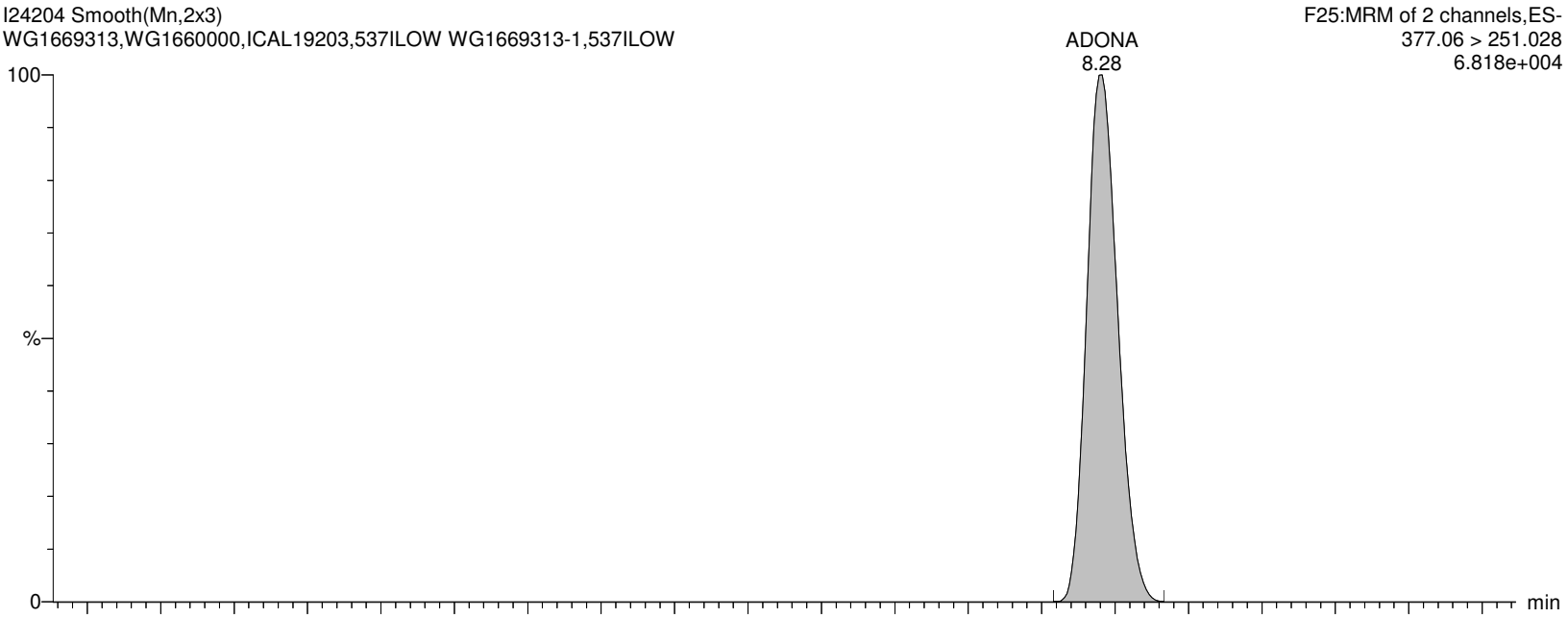


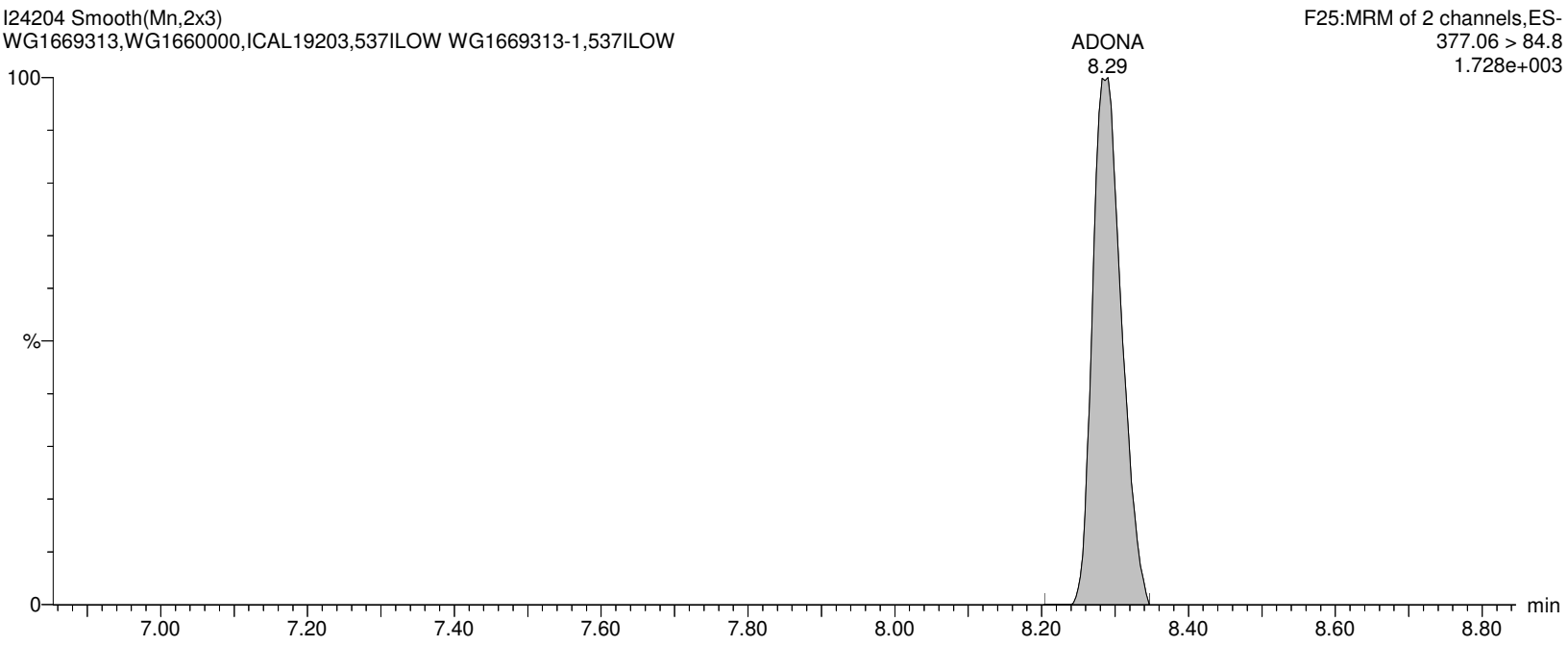
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

ADONA



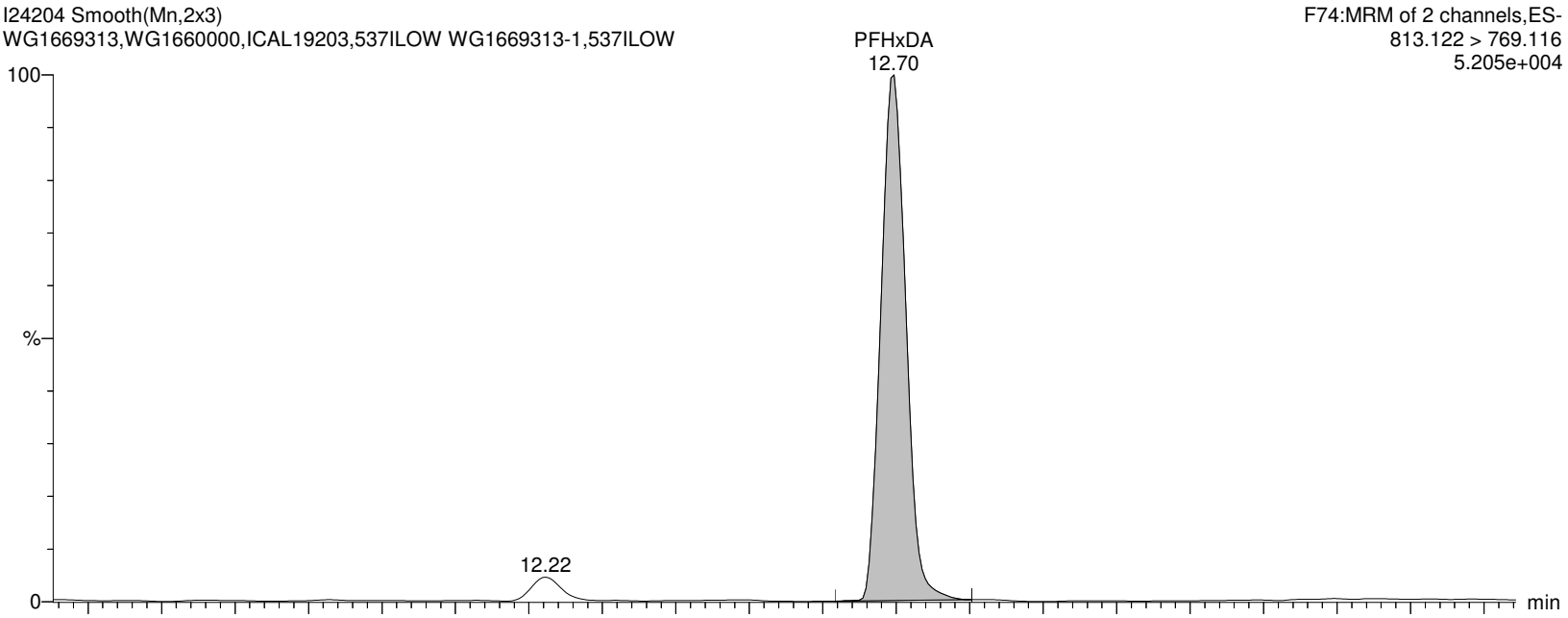


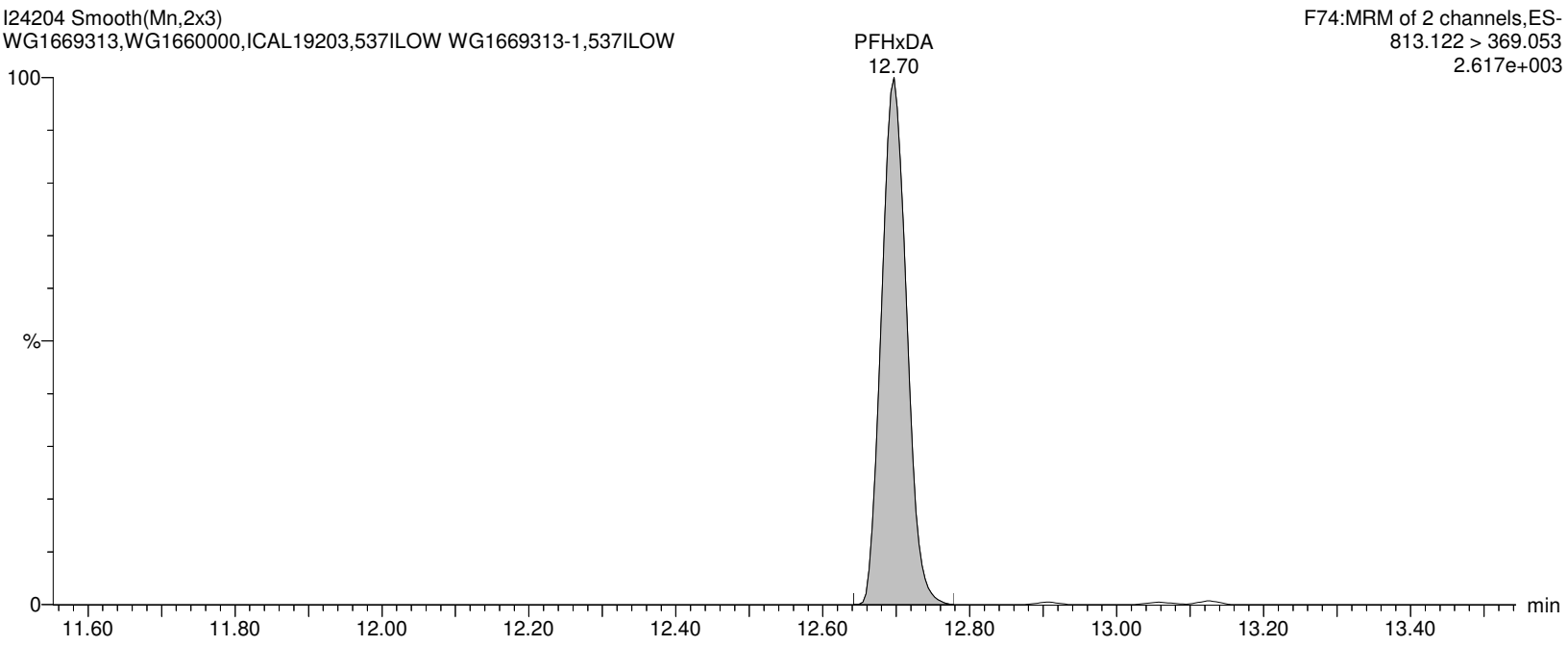
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFHxDA



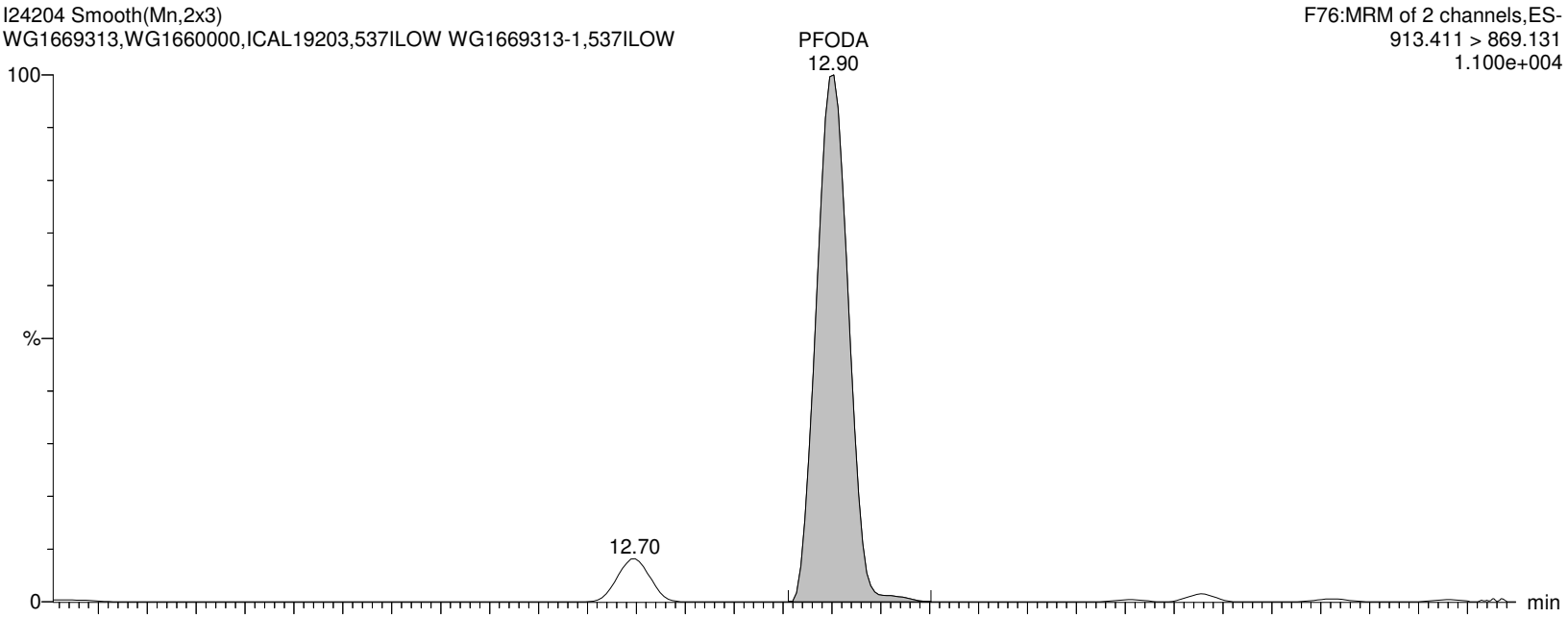


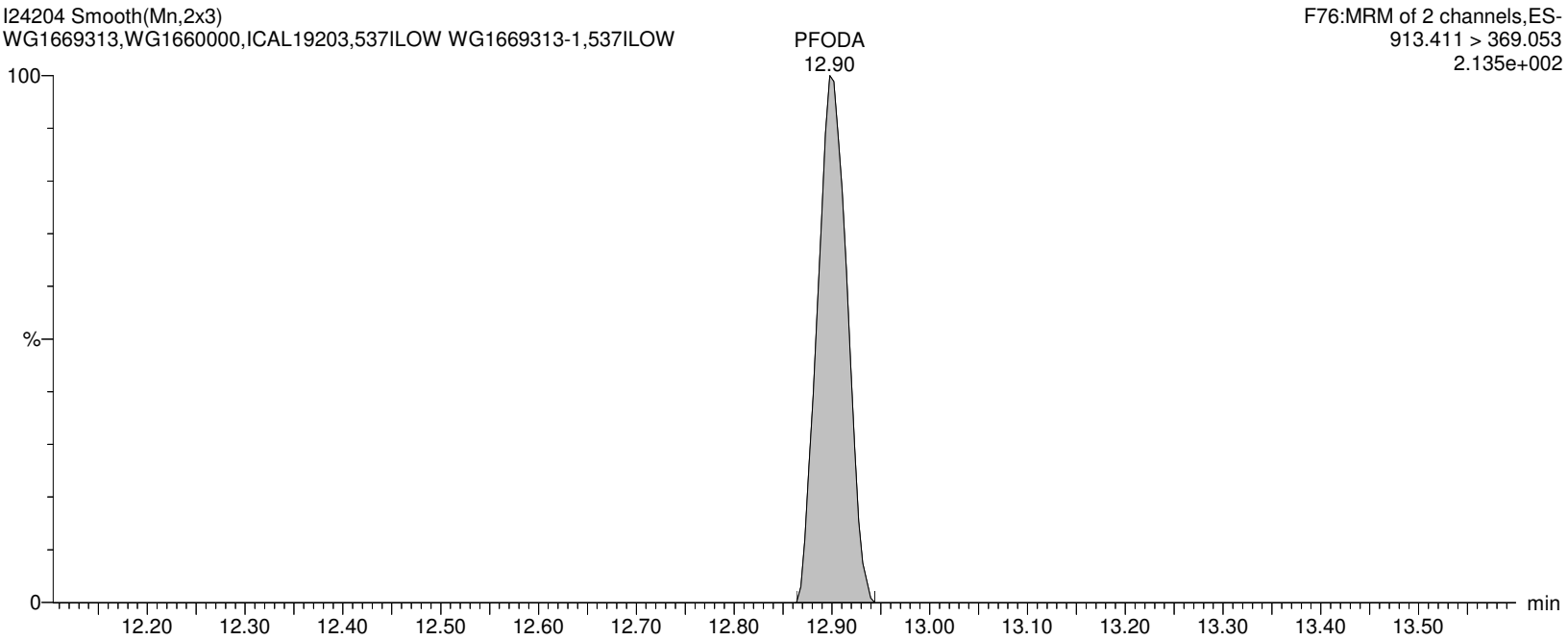
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFODA



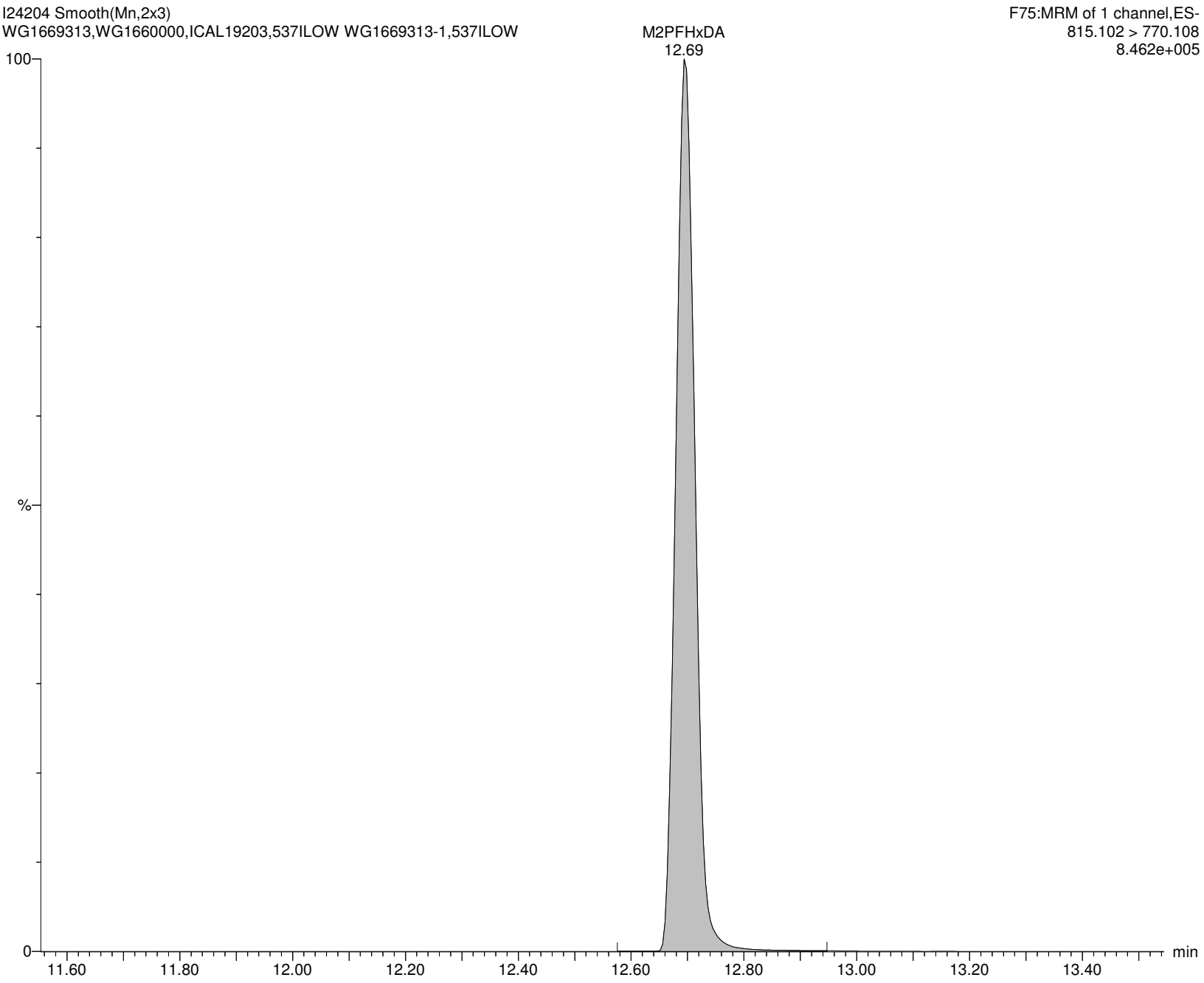


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2PFHxDA

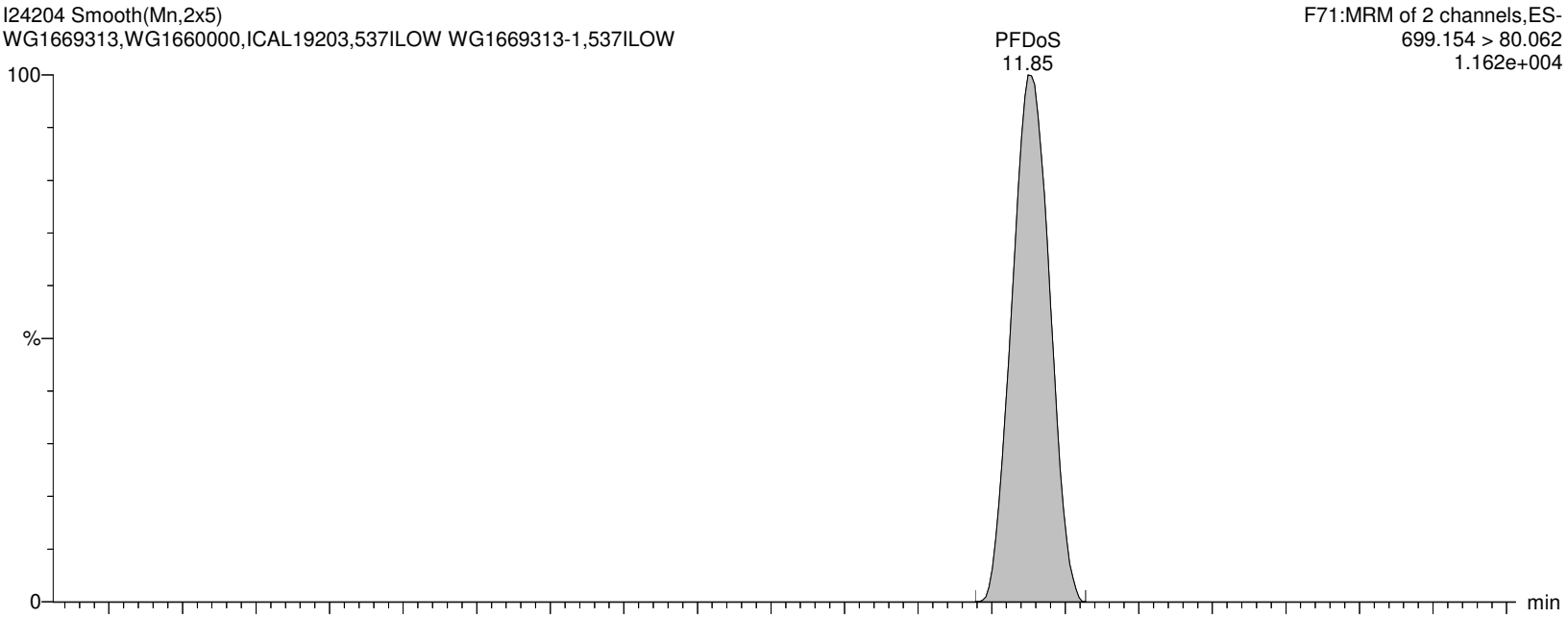


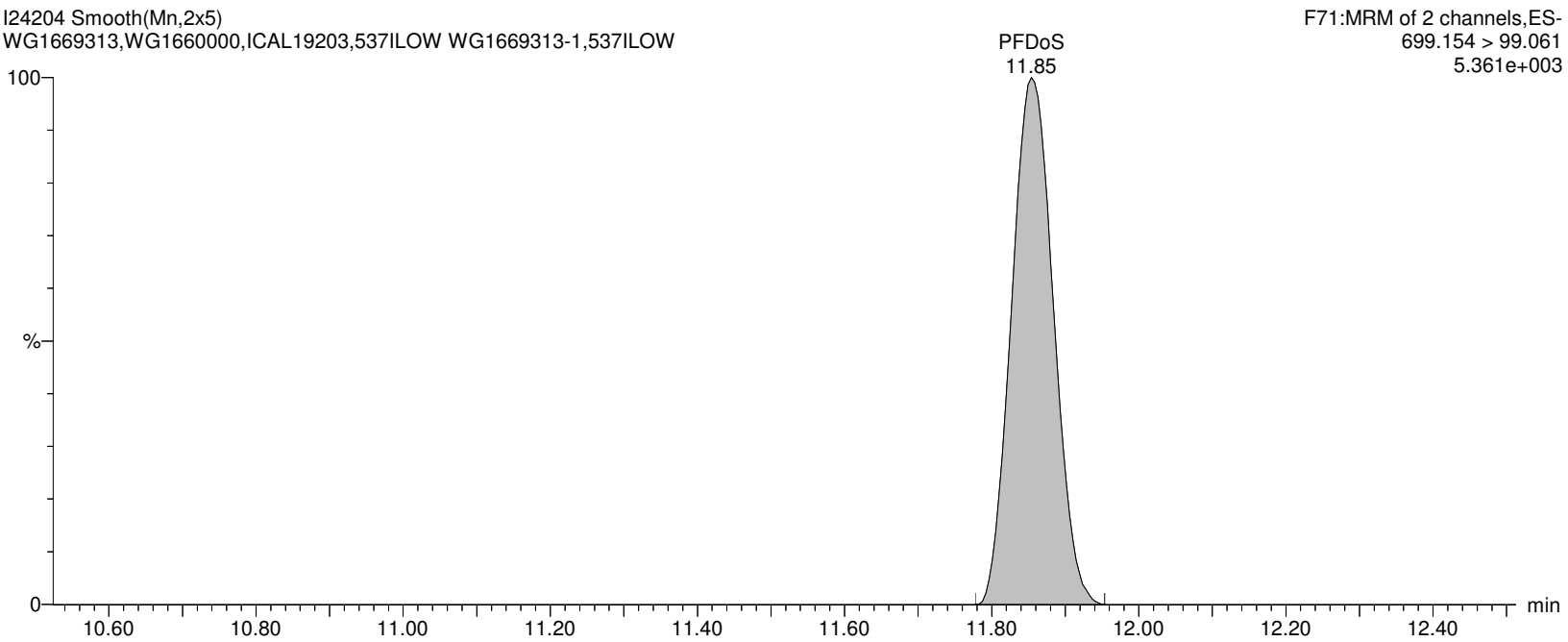
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFDoS



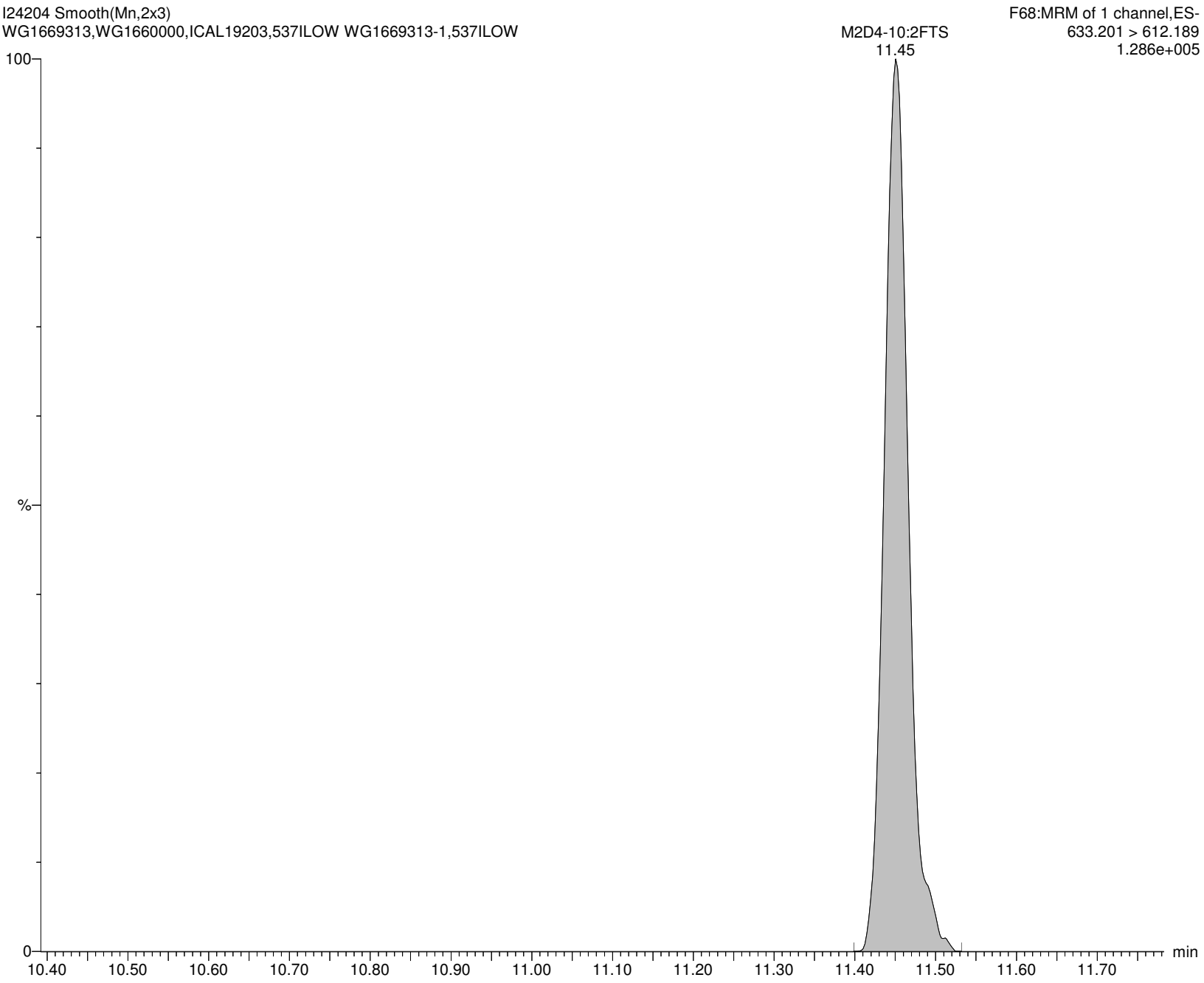


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2D4-10:2FTS

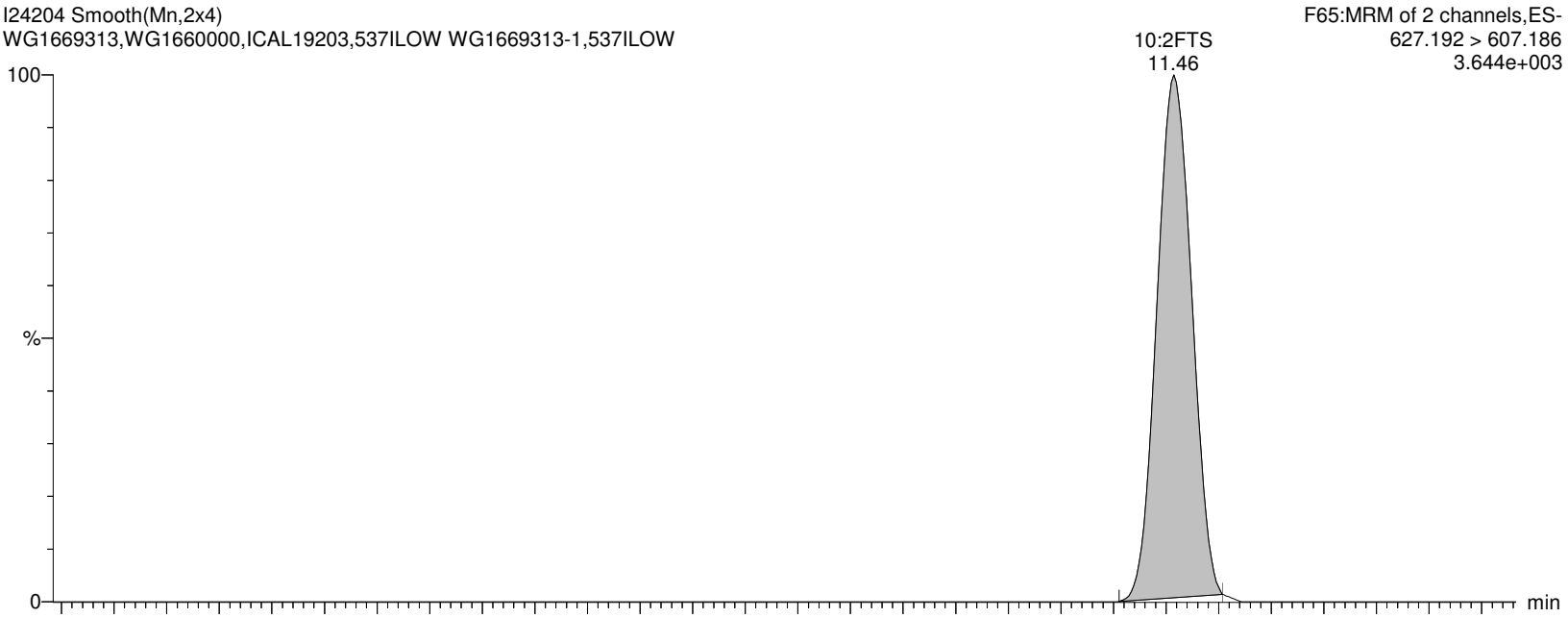


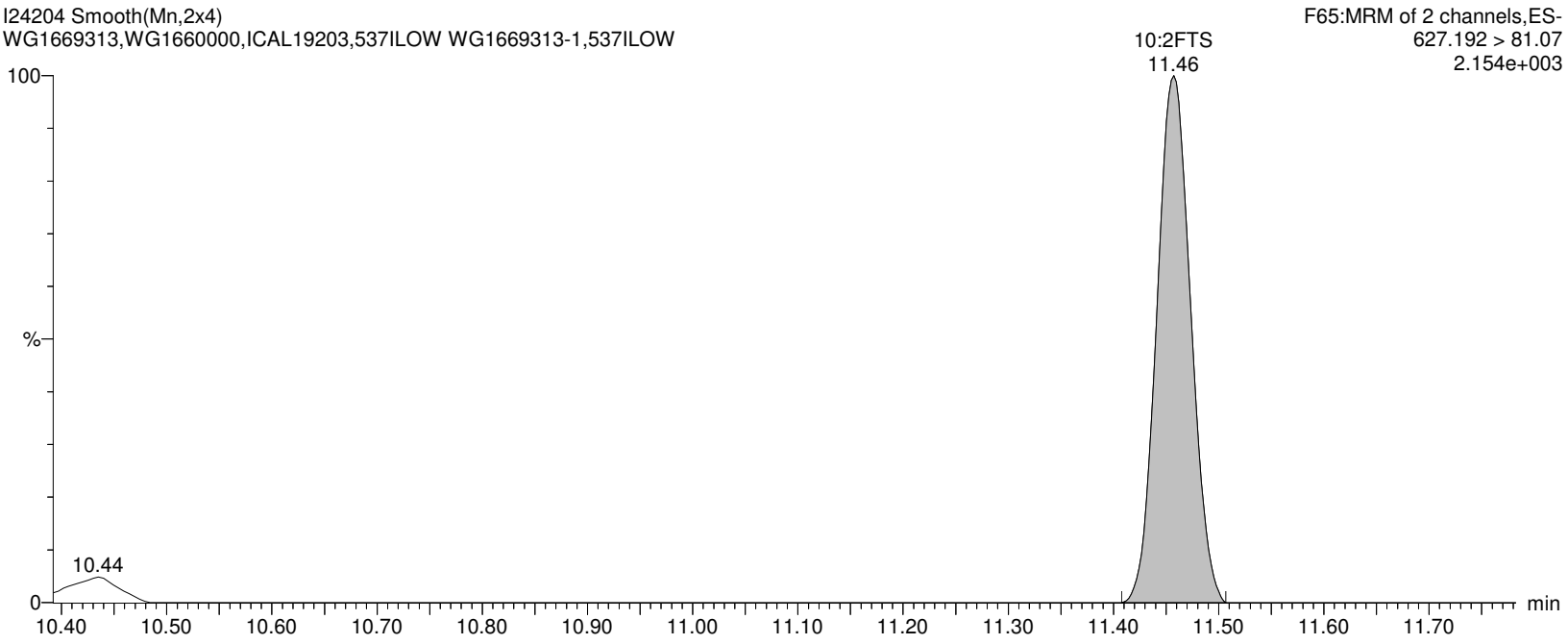
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

10:2FTS



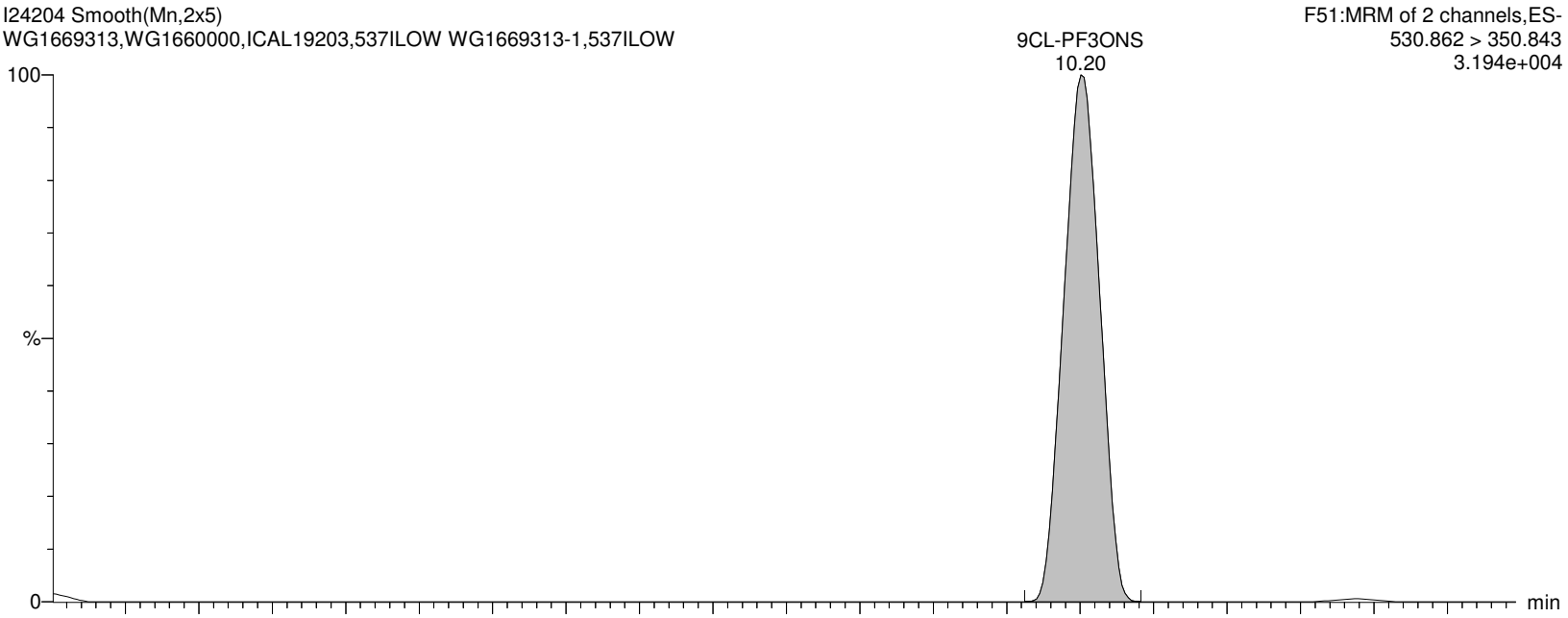


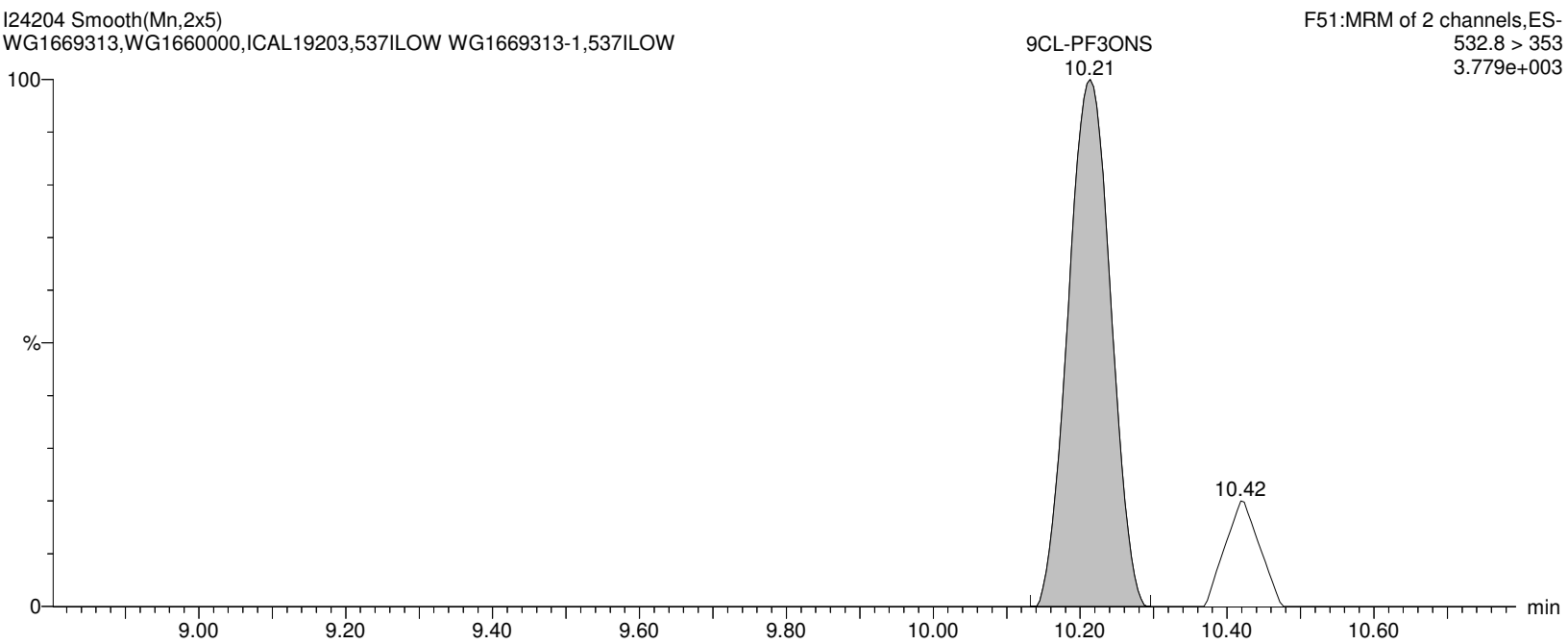
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

9CL-PF3ONS



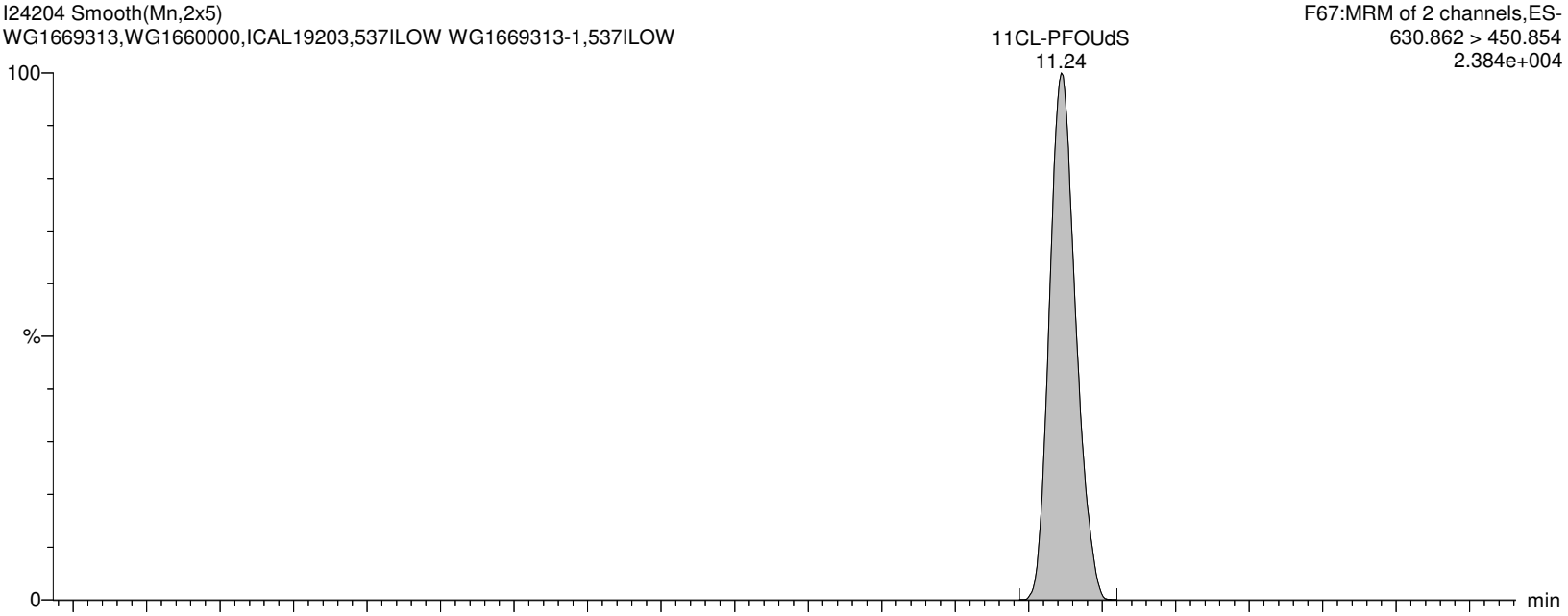


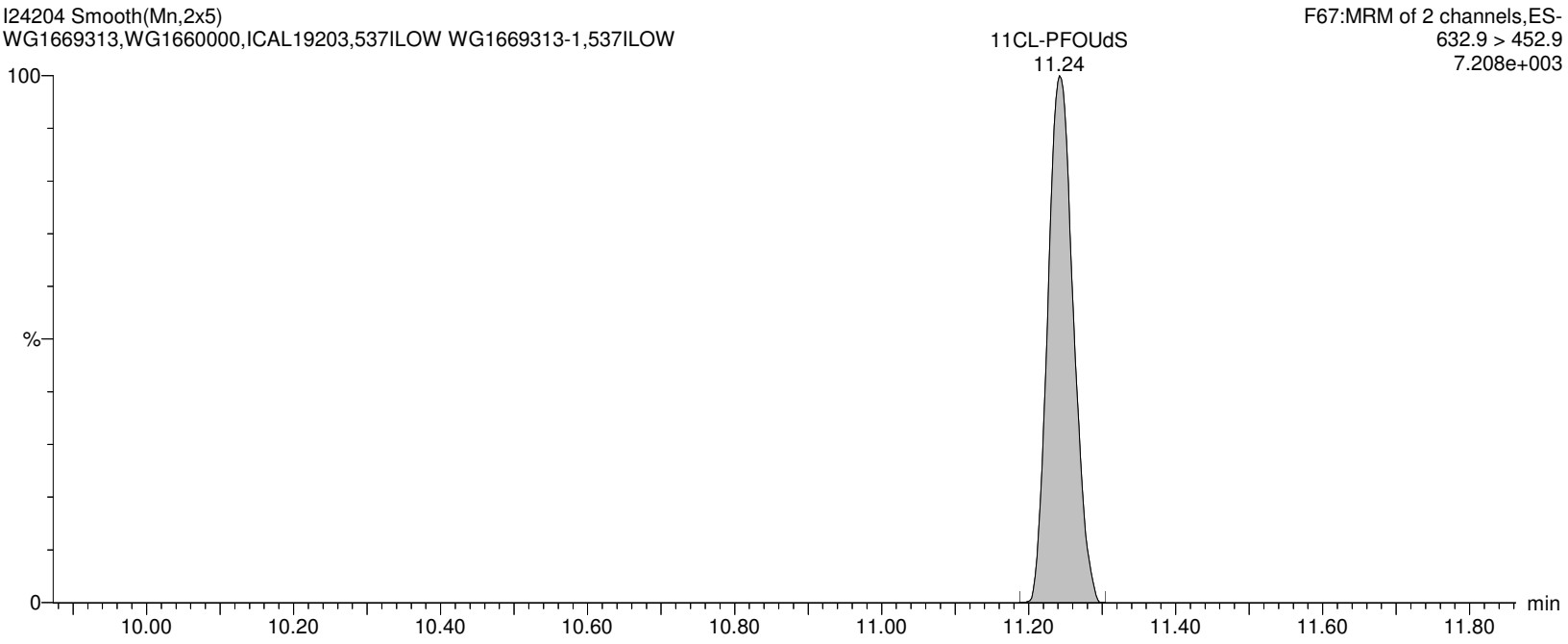
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-1.qld
Last Altered: Saturday, July 30, 2022 20:33:52 Eastern Daylight Time
Printed: Saturday, July 30, 2022 20:34:07 Eastern Daylight Time

Name: I24204
ID: WG1669313-1,537ILOW
Date: 30-Jul-2022
Time: 16:34:29
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

11CL-PFOUdS





all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220730_537ISO.PRO\MethDB\537ISO_Q_220725_RT.mdb 29 Jul 2022 09:44:29
Calibration: C:\MassLynx\Data\2022\220730_537ISO.PRO\CurveDB\220725_ICAL.cdb 26 Jul 2022 09:37:13

ID: WG1669313-3,537ILOW
Name: I24230
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:SG
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.13	213.032 > 169.022	2290		0.435		na	86.9
2	M3PFBA	INT STD	2.14	216.009 > 171.999	47785		12.789		na	127.9
3	MPFBA	INT STD	2.14	217.001 > 171.999	55556		10.239		na	102.4
4	PFPeA	2706-90-3	4.96	263.039 > 219.03	2330		0.409		na	81.8
5	M5PFPEA	INT STD	4.95	268.001 > 222.999	55003		10.294		na	102.9
6	PFBS	375-73-5	5.60	299.092 > 80.062	856		0.359	2.05	NO	81.0
7	M3PFBS	INT STD	5.60	302.069 > 80.062	20139		9.511		na	102.0
8	4:2FTS	757124-72-4	6.74	327.146 > 307.139	162		0.476	1.74	NO	101.6
9	M2-4:2FTS	INT STD	6.74	329.13 > 309.124	3644		8.599		na	91.7
10	PFHxA	307-24-4	6.82	313.047 > 269.037	3044		0.438	12.11	NO	87.7
11	M5PFHxA	INT STD	6.82	318.009 > 273.007	67688		8.643		na	86.4
12	PFPeS	2706-91-4	7.14	349.1 > 80.062	936		0.400	1.82	NO	85.1
13	PFHpA	375-85-9	8.08	363.055 > 319.045	2855		0.434	4.14	NO	86.8
14	M4PFHpA	INT STD	8.08	367.025 > 322.022	63204		9.631		na	96.3
15	br-PFHxS	355-46-4	8.01	399.107 > 80.062	146	M5,M7	0.075	2.31	NO	78.9
16	L-PFHxS	355-46-4	8.24	399.107 > 80.062	758		0.350	1.60	NO	86.3
17	PFHxS	355-46-4		399.107 > 80.062	905		0.425		na	
18	M3PFHxS	INT STD	8.24	402.084 > 80.062	22456		10.183		na	107.4
19	br-PFOA	335-67-1		413.063 > 369.053			ND		YES	
20	L-PFOA	335-67-1	9.02	413.063 > 369.053	2980		0.431	9.08	NO	86.1
21	PFOA	335-67-1		413.063 > 369.053	2980		0.431		na	
22	M8PFOA	INT STD	9.02	421.002 > 376.	60580		9.932		na	99.3
23	M2PFOA	INT STD	9.02	415.048 > 370.045	62928		15.084		na	150.8
24	6:2FTS	27619-97-2	8.97	427.161 > 407.155	197		0.458	3.18	YES	96.4
25	M2-6:2FTS	INT STD	8.98	429.146 > 409.14	4952		9.793		na	103.0
26	PFHpS	375-92-8	9.11	449.115 > 80.062	1137		0.459	2.03	NO	96.3
27	PFNA	375-95-1	9.77	463.071 > 419.061	2374		0.362	5.17	NO	72.5
28	M9PFNA	INT STD	9.77	472.002 > 427.	56387		9.896		na	99.0
29	br-PFOS	1763-23-1	9.63	499.123 > 80.062	243	M5,M7	0.092	5.67	NO	87.1
30	L-PFOS	1763-23-1	9.82	499.123 > 80.062	784		0.378	1.96	NO	95.8
31	PFOS	1763-23-1		499.123 > 80.062	1027		0.470		na	
32	M4PFOS	INT STD	9.82	503.093 > 80.062	20755		13.040		na	130.4
33	M8PFOS	INT STD	9.82	507.062 > 80.062	22044		10.360		na	108.0
34	PFDA	335-76-2	10.40	513.078 > 469.069	1622		0.363	1.97	NO	72.7
35	M2PFDA	INT STD	10.41	515.063 > 470.061	44640		14.558		na	145.6
36	M6PFDA	INT STD	10.40	519.033 > 474.03	43295		11.236		na	112.4
37	8:2FTS	39108-34-4	10.39	527.177 > 507.171	150		0.543	2.34	YES	113.1
38	M2-8:2FTS	INT STD	10.39	529.162 > 509.155	4117		11.237		na	117.1
39	PFNS	68259-12-1	10.43	549.131 > 80.062	871		0.404	2.13	NO	83.9

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

ID: WG1669313-3,537ILOW
Name: I24230
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:SG
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.80	573.22 > 419.061	7242		8.041		na	80.4
41	br-NMeFOSAA	2355-31-9	10.64	570.202 > 419.061	25	M5,M7	0.148	1.26	NO	123.6
42	L-NMeFOSAA	2355-31-9	10.80	570.202 > 419.061	169		0.355	1.93	NO	93.5
43	NMeFOSAA	2355-31-9		570.202 > 419.061	194		0.504		na	
44	PFUnA	2058-94-8	10.96	563.086 > 519.076	1514		0.340	5.24	NO	68.1
45	M7-PFUDA	INT STD	10.95	570.033 > 525.031	43448		11.169		na	111.7
46	PFDS	335-77-3	10.97	598.926 > 80.062	601		0.364	4.87	YES	75.5
47	FOSA	754-91-6	10.89	498.146 > 78.07	2735	M7	0.467	33.87	YES	93.4
48	M8FOSA	INT STD	10.89	506.077 > 78.07	61100		9.914		na	99.1
49	d5-NEtFOSAA	INT STD	11.10	589.259 > 419.061	7735		8.371		na	83.7
50	br-NEtFOSAA	2991-50-6	10.94	584.229 > 419.061	11	M5,M7	0.053	0.84	NO	47.2
51	L-NEtFOSAA	2991-50-6	11.11	584.229 > 419.061	180		0.358	1.41	NO	92.5
52	NEtFOSAA	2991-50-6		584.229 > 419.061	191		0.412		na	
53	PFDoA	307-55-1	11.43	613.094 > 569.084	2145	M7	0.451	7.53	NO	90.2
54	MPFDOA	INT STD	11.43	615.079 > 570.077	49343		10.742		na	107.4
55	PFTrDA	72629-94-8	11.85	663.102 > 619.092	809		0.297	3.57	NO	59.5
56	PFTA	376-06-7	12.21	713.11 > 669.1	1375		0.536		YES	107.1
57	M2PFTEDA	INT STD	12.21	715.094 > 670.092	27548		10.898		na	109.0
58	M3HFPO-DA	INT STD	7.25	287.02 > 169.022	54382		212.715		na	106.4
59	HFPO-DA	13252-13-6	7.25	285.035 > 169.022	1126	M7	3.887	21.16	NO	77.7
60	ADONA	958445-44-8	8.26	377.06 > 251.028	3667	M7	0.392	50.54	YES	83.0
61	PFHxDA		12.68	813.122 > 769.116	2148	M7	0.514	17.45	NO	102.8
62	PFODA		12.89	913.411 > 869.131	335	M7	0.352	31.76	NO	70.3
63	M2PFHxDA		12.69	815.102 > 770.108	34709		12.563		na	125.6
64	PFDoS		11.84	699.154 > 80.062	907		0.513	2.01	NO	106.0
65	M2D4-10:2FTS		11.43	633.201 > 612.189	3981		19.969		na	101.9
66	10:2FTS		11.44	627.192 > 607.186	122	M7	0.436	1.84	NO	90.3
67	9CL-PF3ONS		10.18	530.862 > 350.843	1617		0.423	3.54	NO	90.7
68	11CL-PFOUdS		11.23	630.862 > 450.854	803		0.374	2.17	NO	79.3

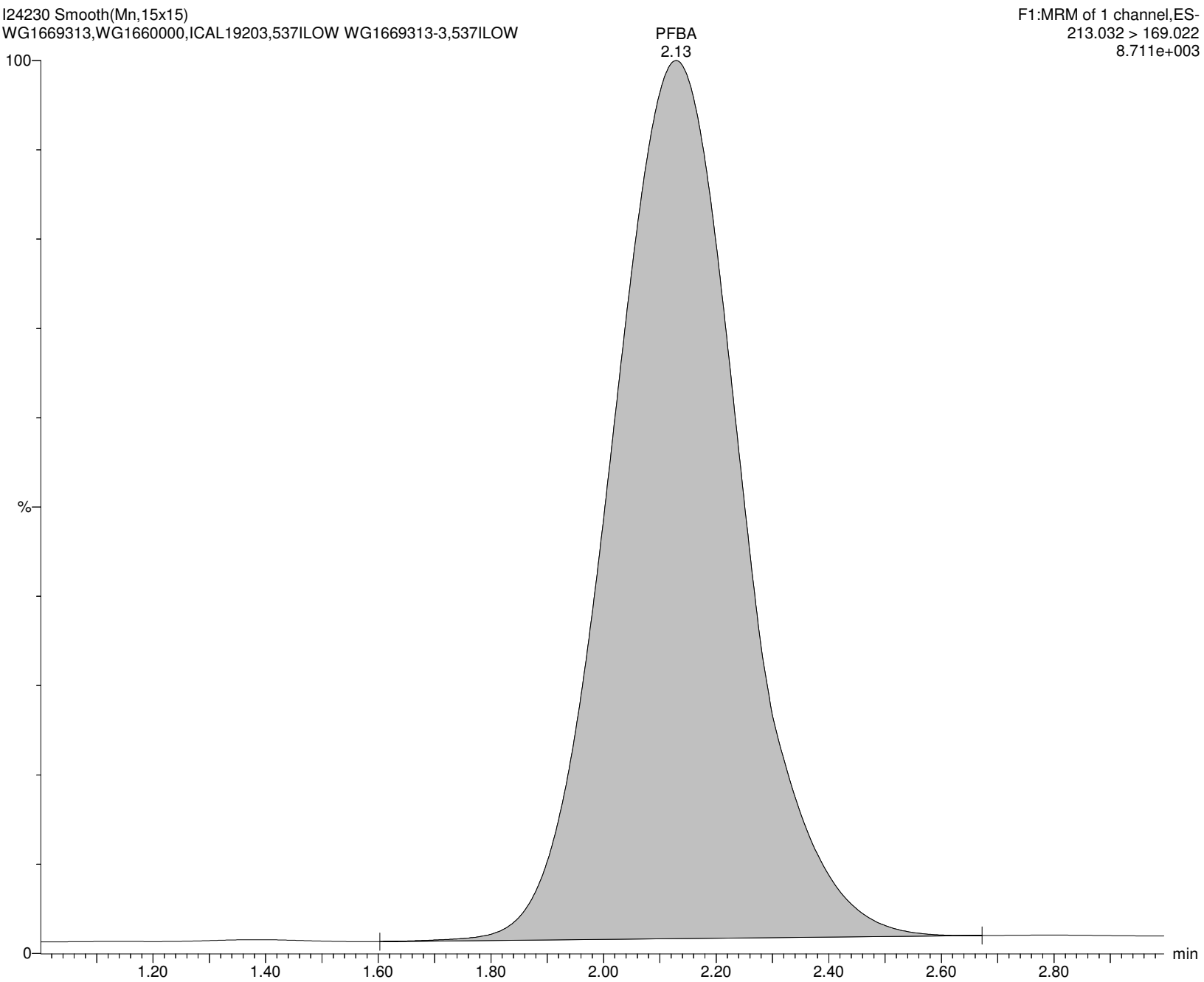
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220730_537ISO.PRO\MethDB\537ISO_Q_220725_RT.mdb 29 Jul 2022 09:44:29
Calibration: C:\MassLynx\Data\2022\220730_537ISO.PRO\CurveDB\220725_ICAL.cdb 26 Jul 2022 09:37:13

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFBA

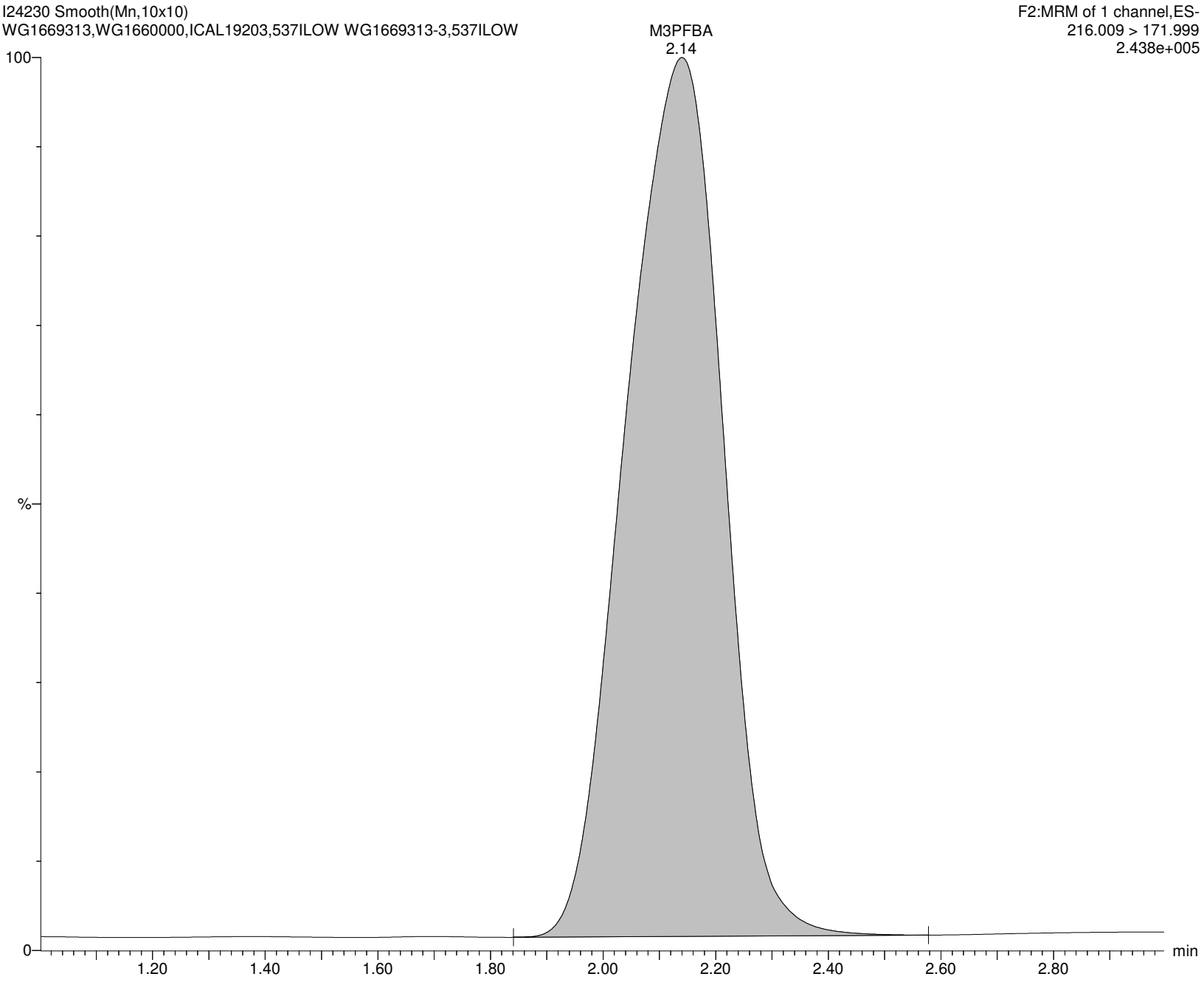


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M3PFBA

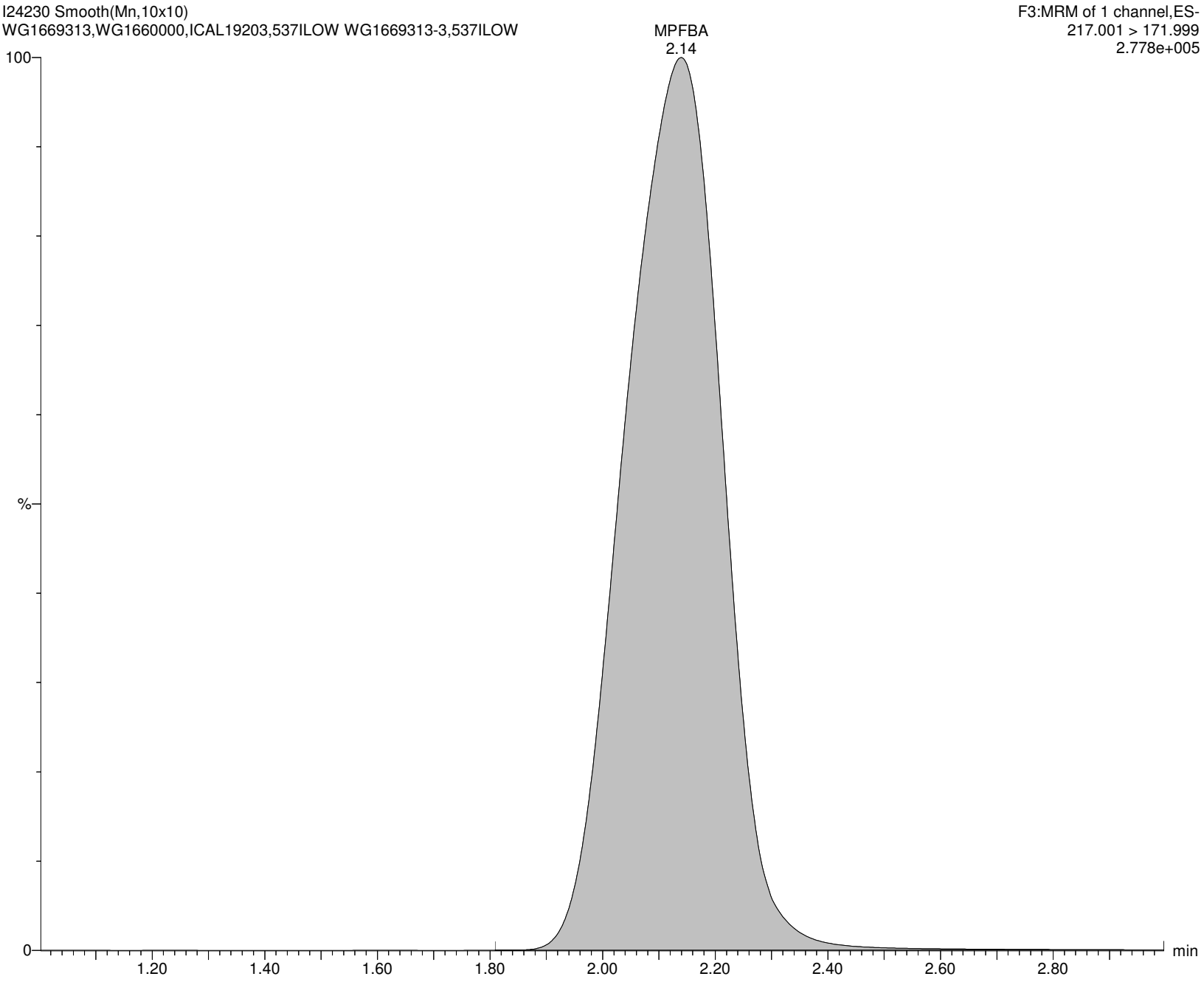


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

MPFBA

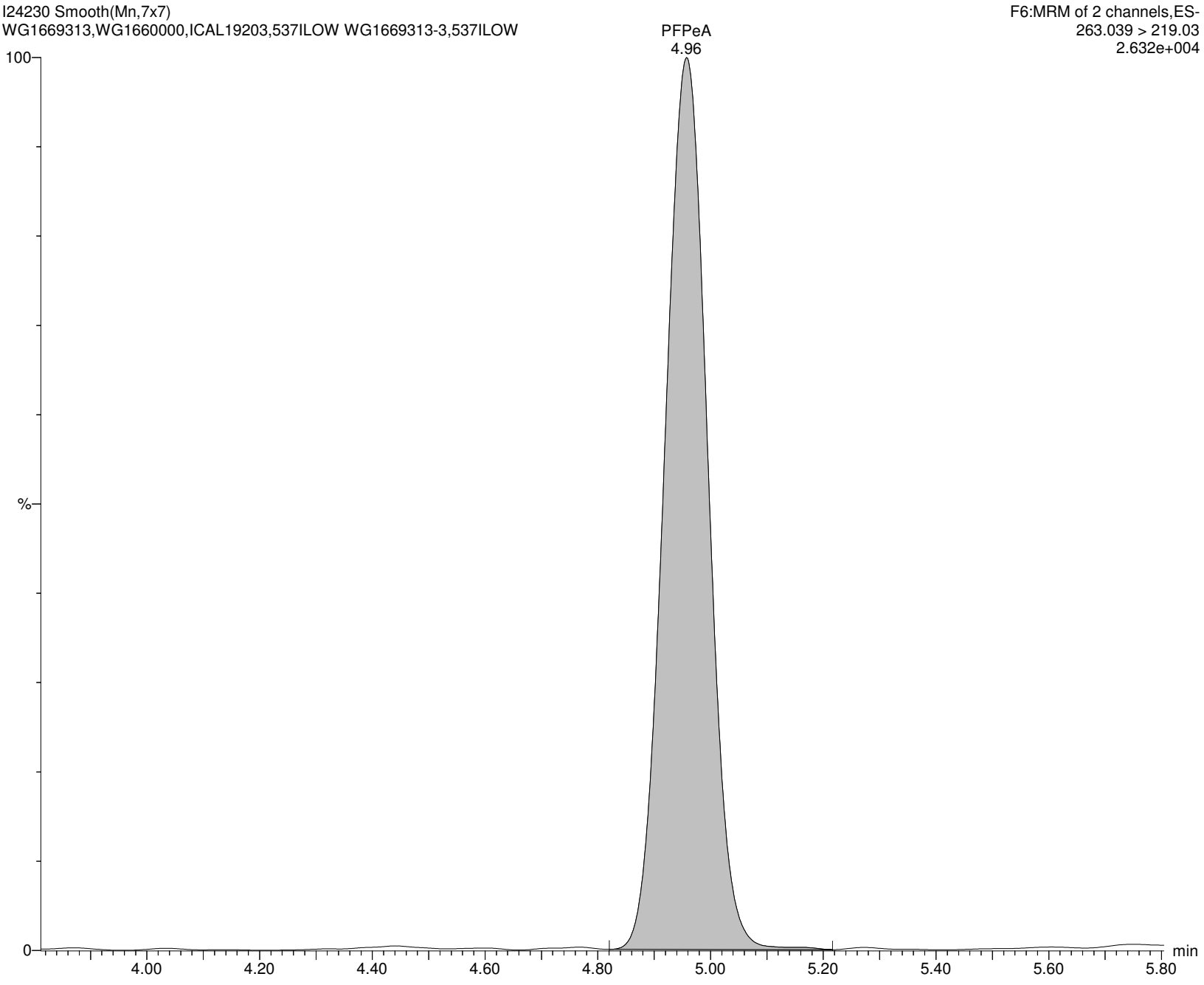


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFPeA

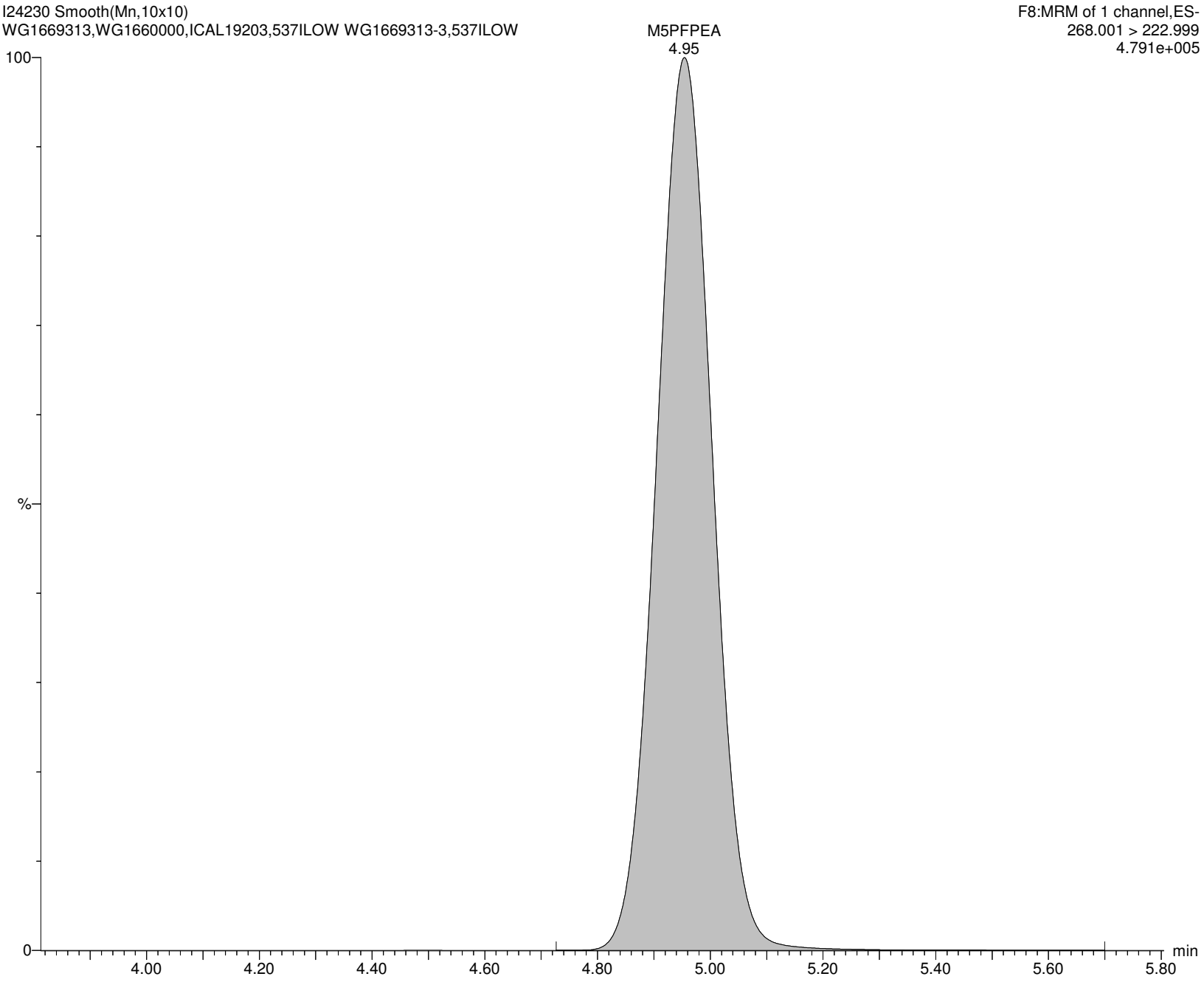


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M5PFPEA

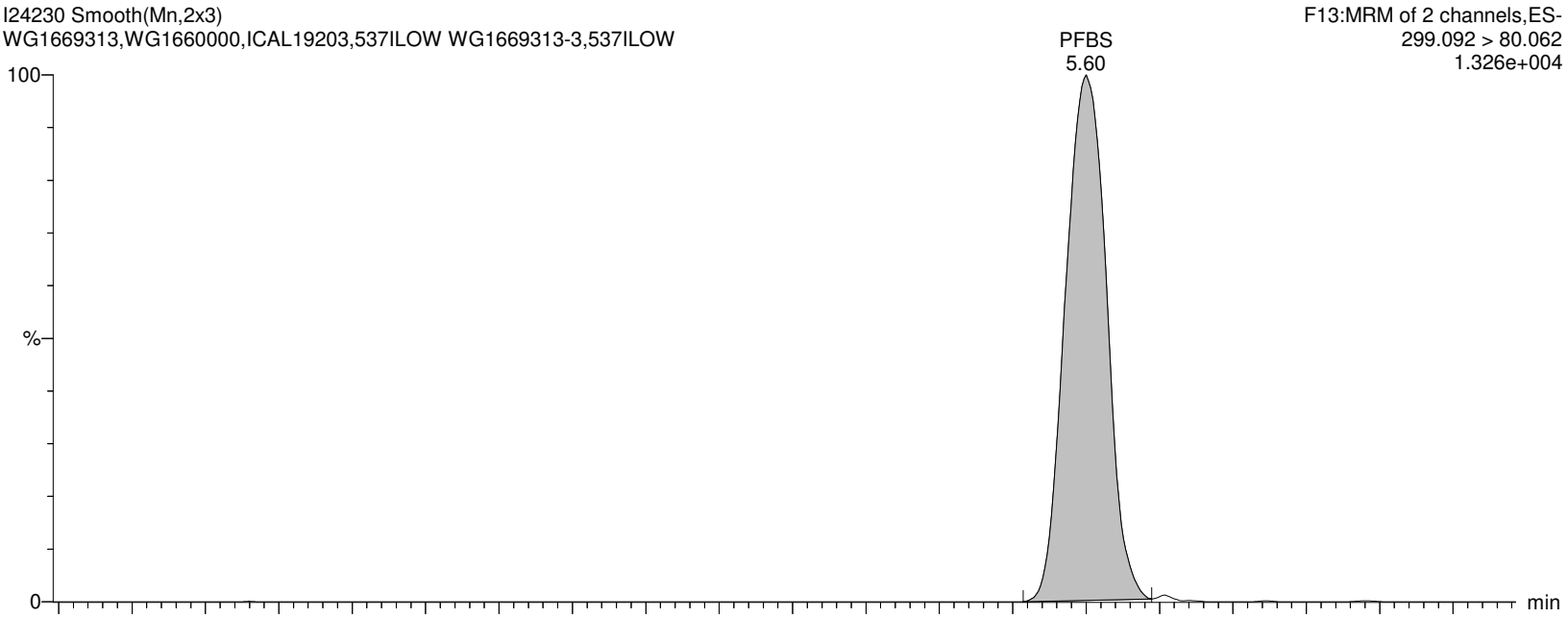


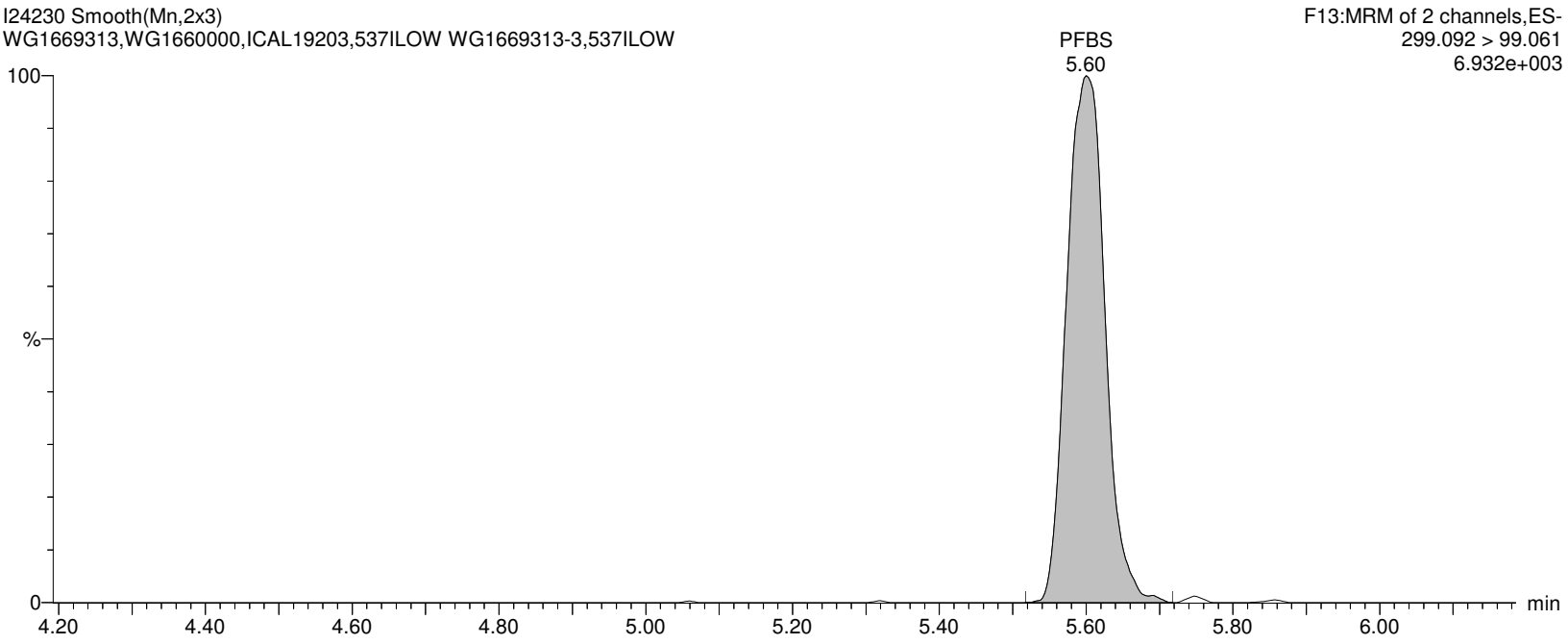
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFBS



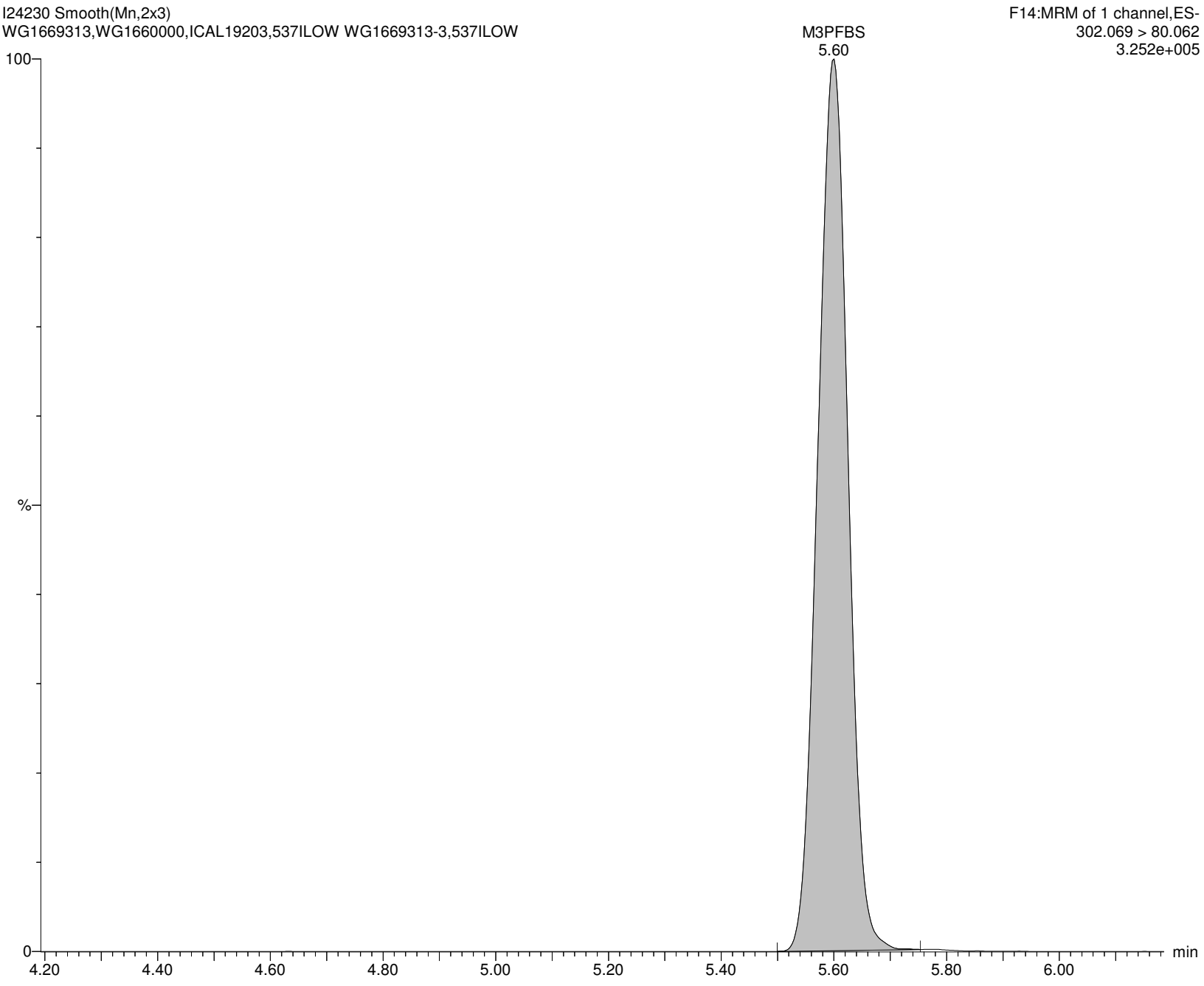


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M3PFBS

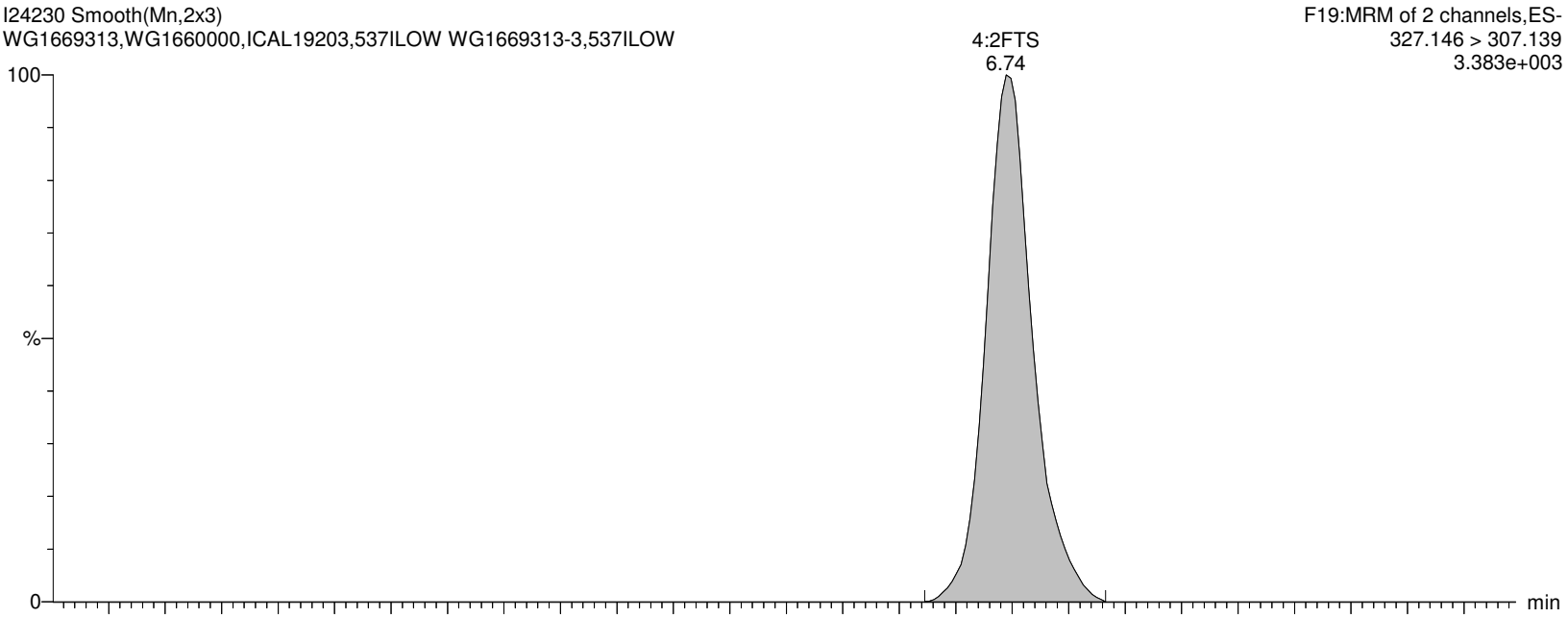


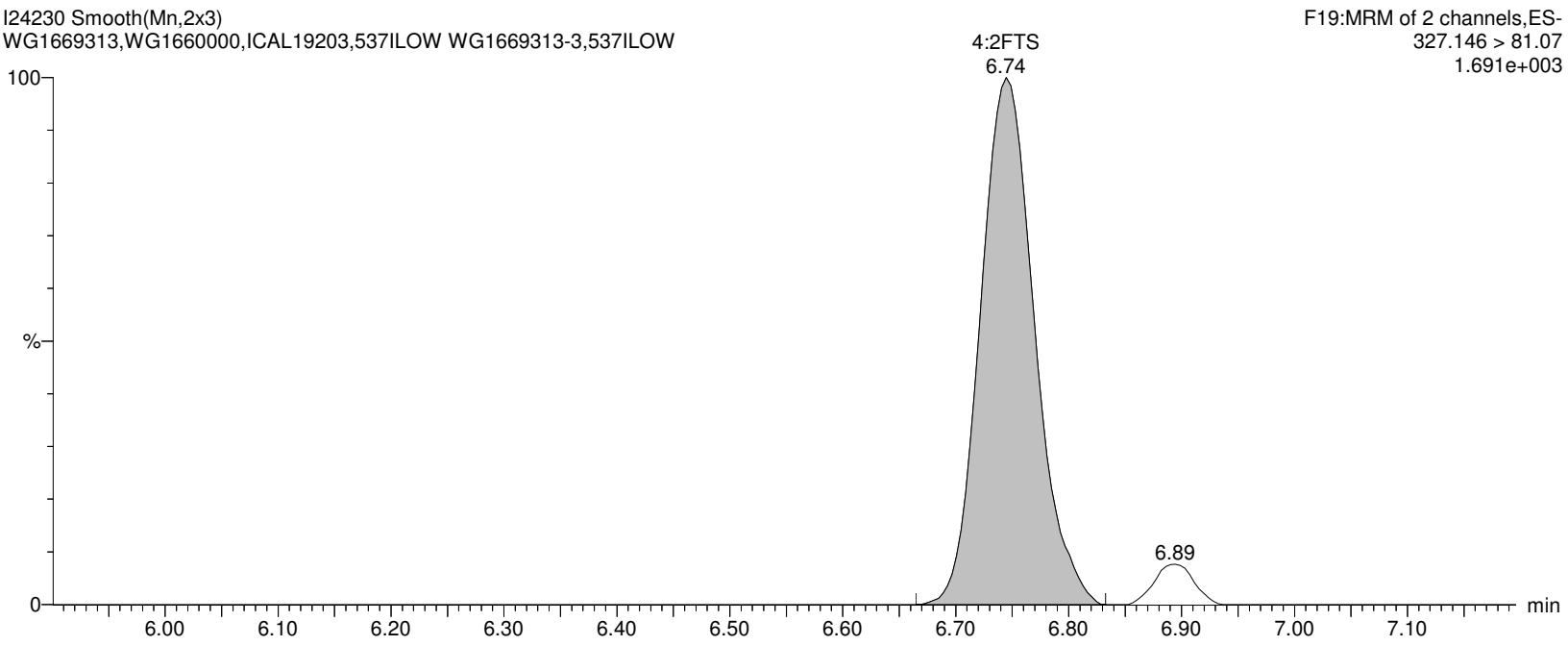
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

4:2FTS



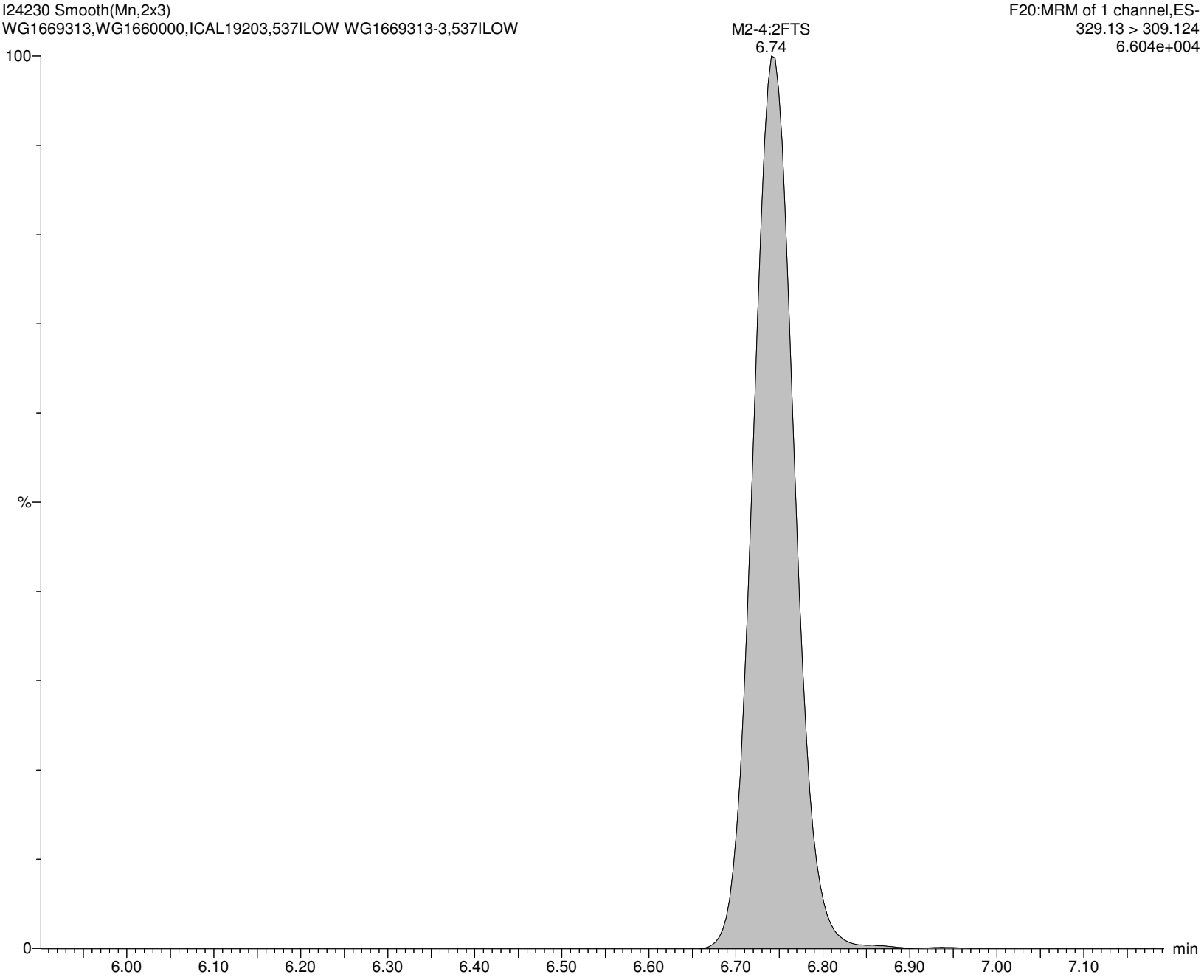


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2-4:2FTS

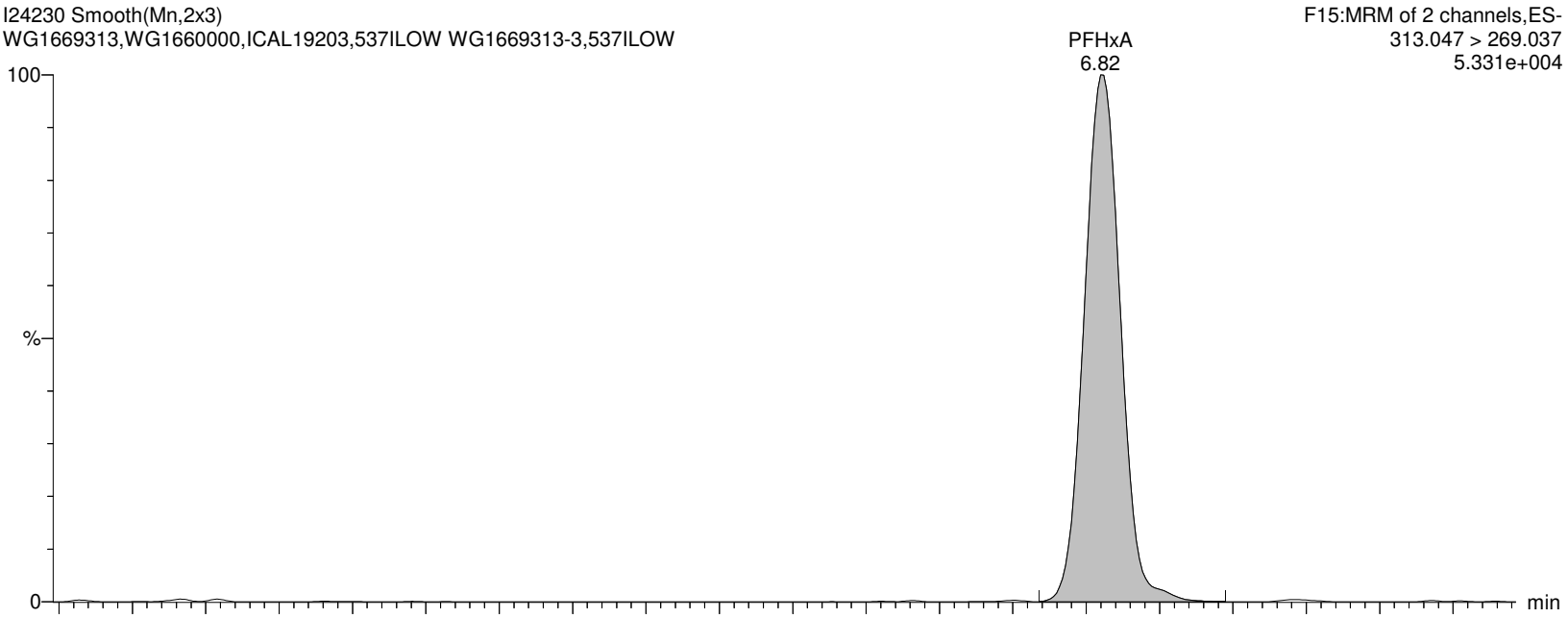


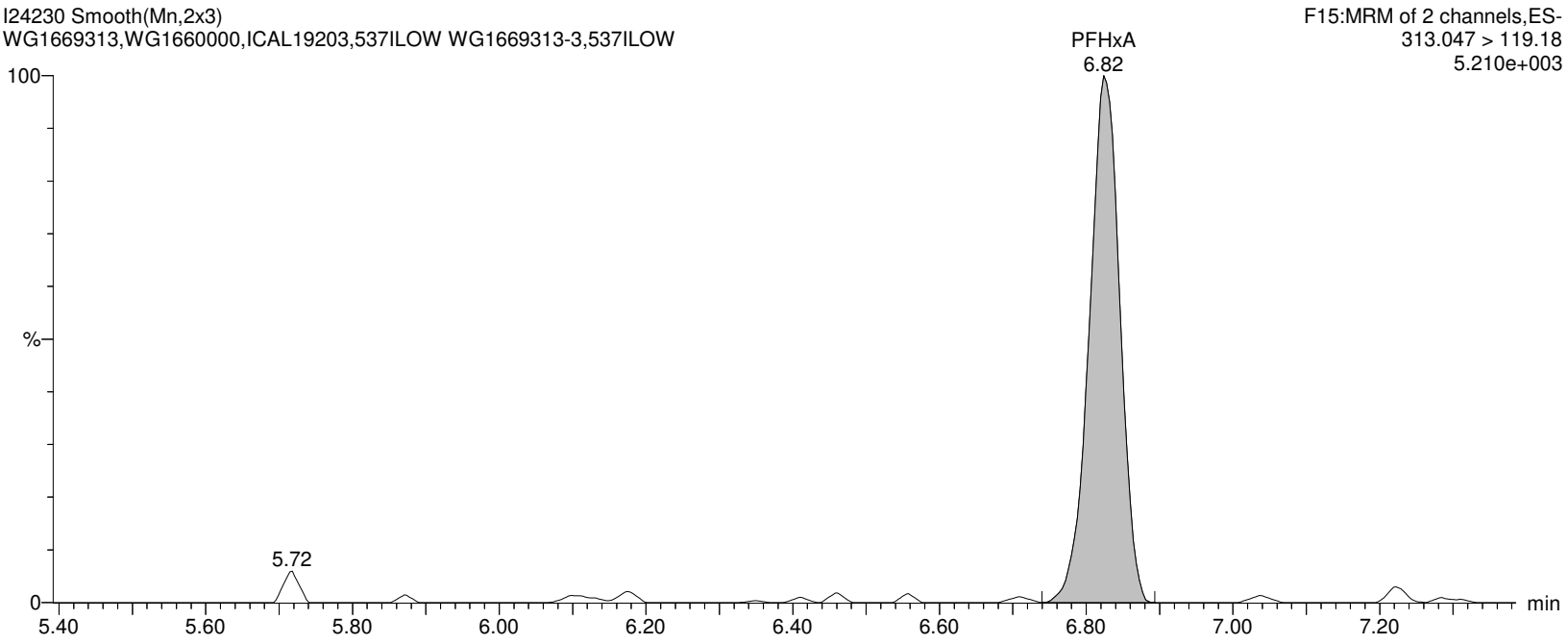
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFHxA



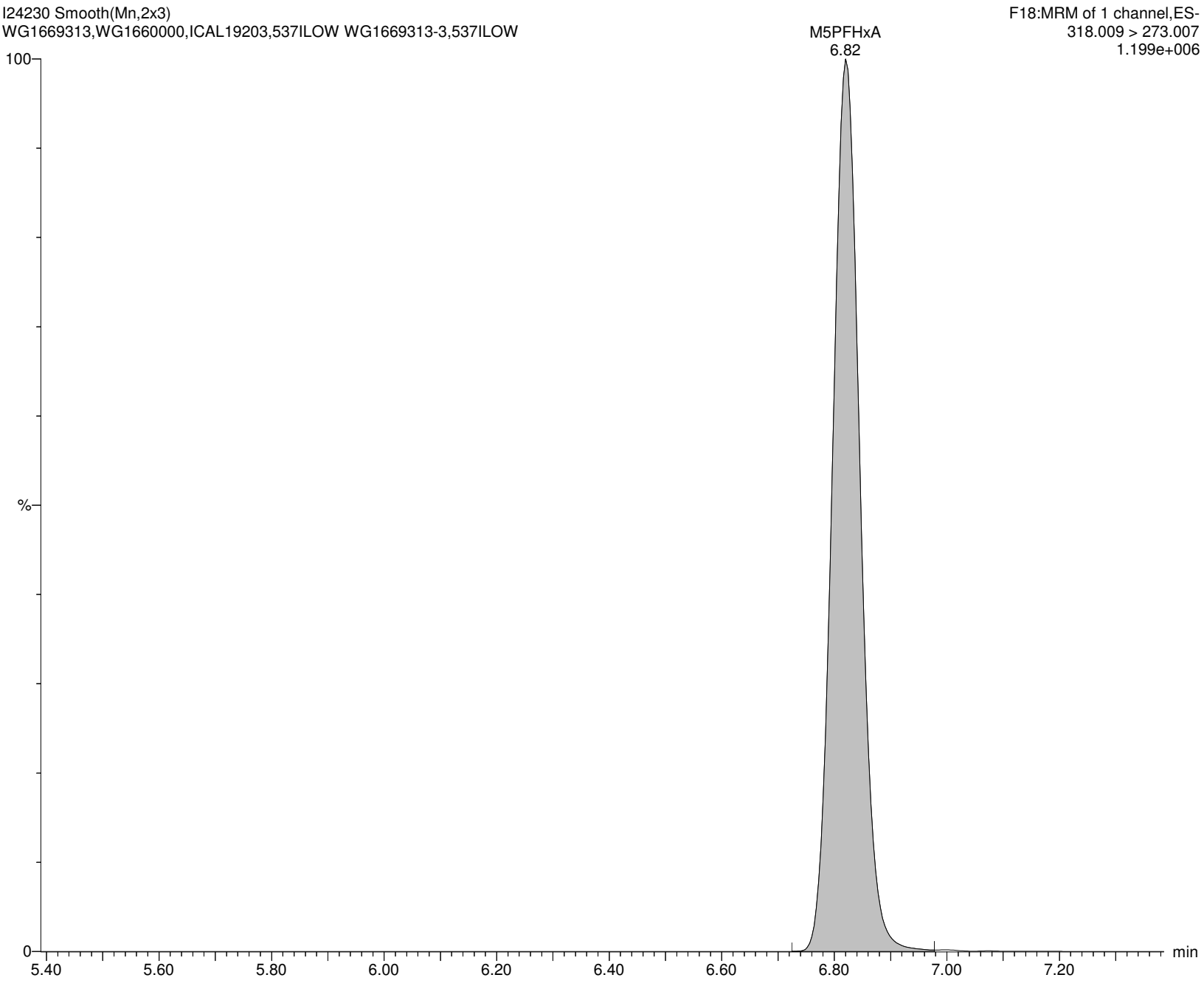


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M5PFHxA

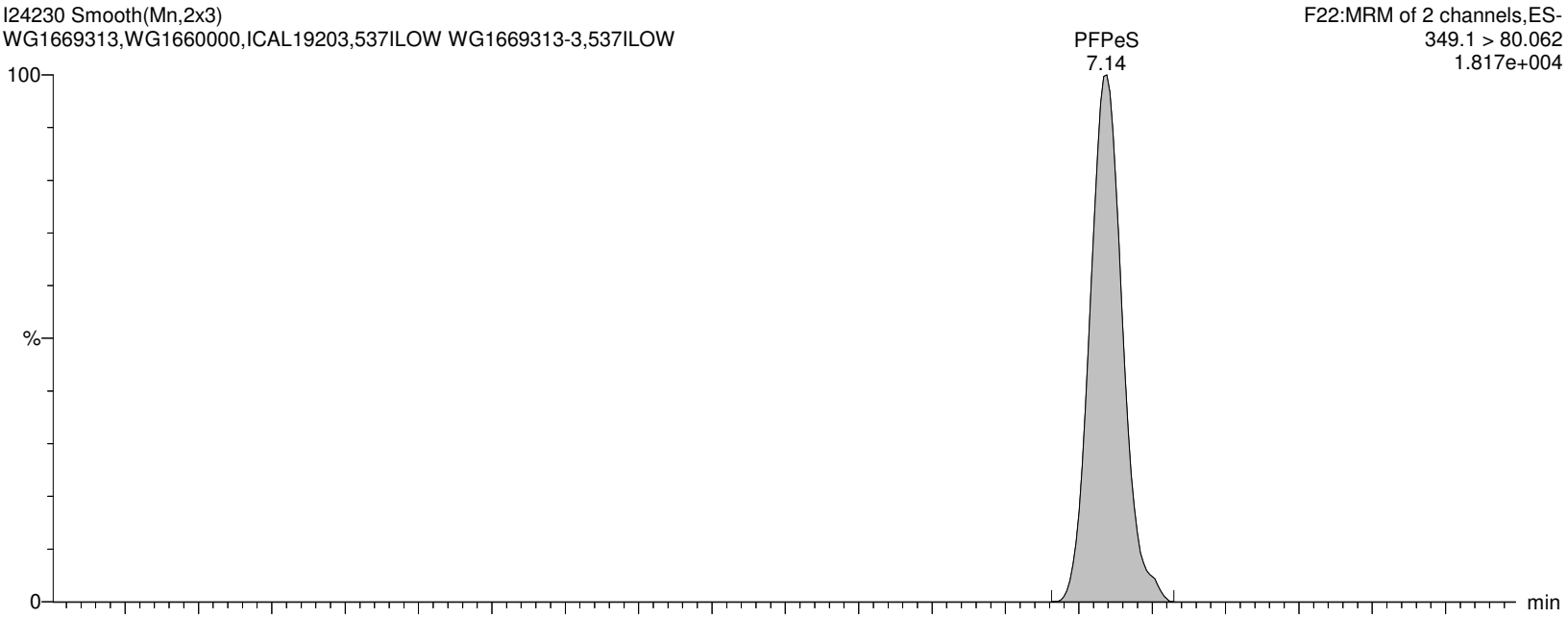


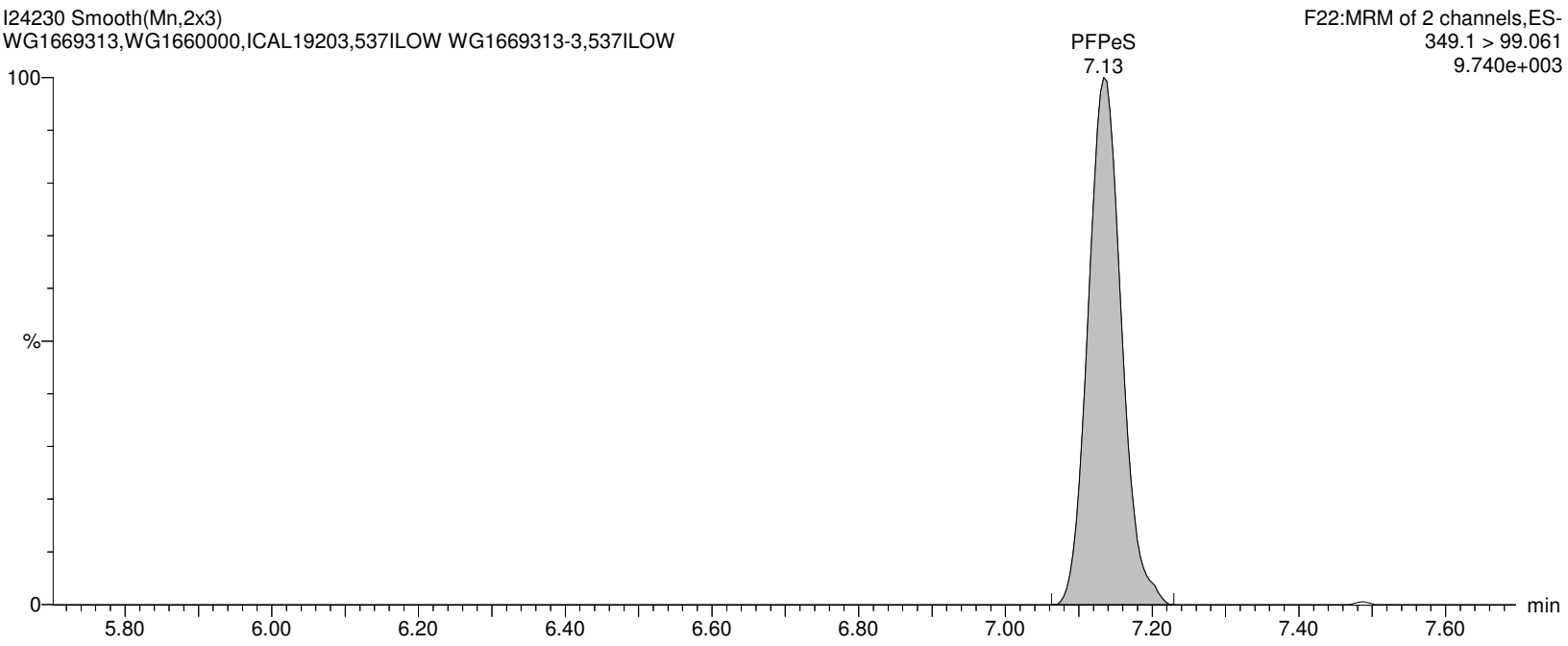
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFPeS



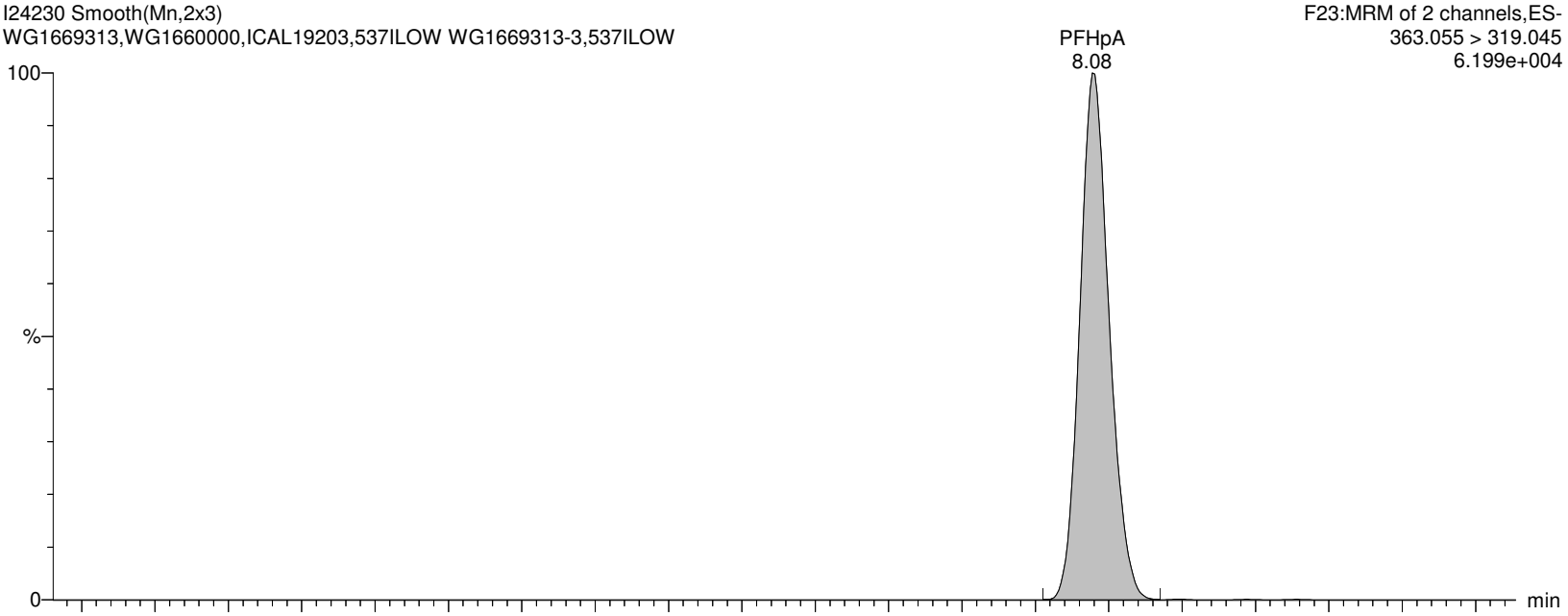


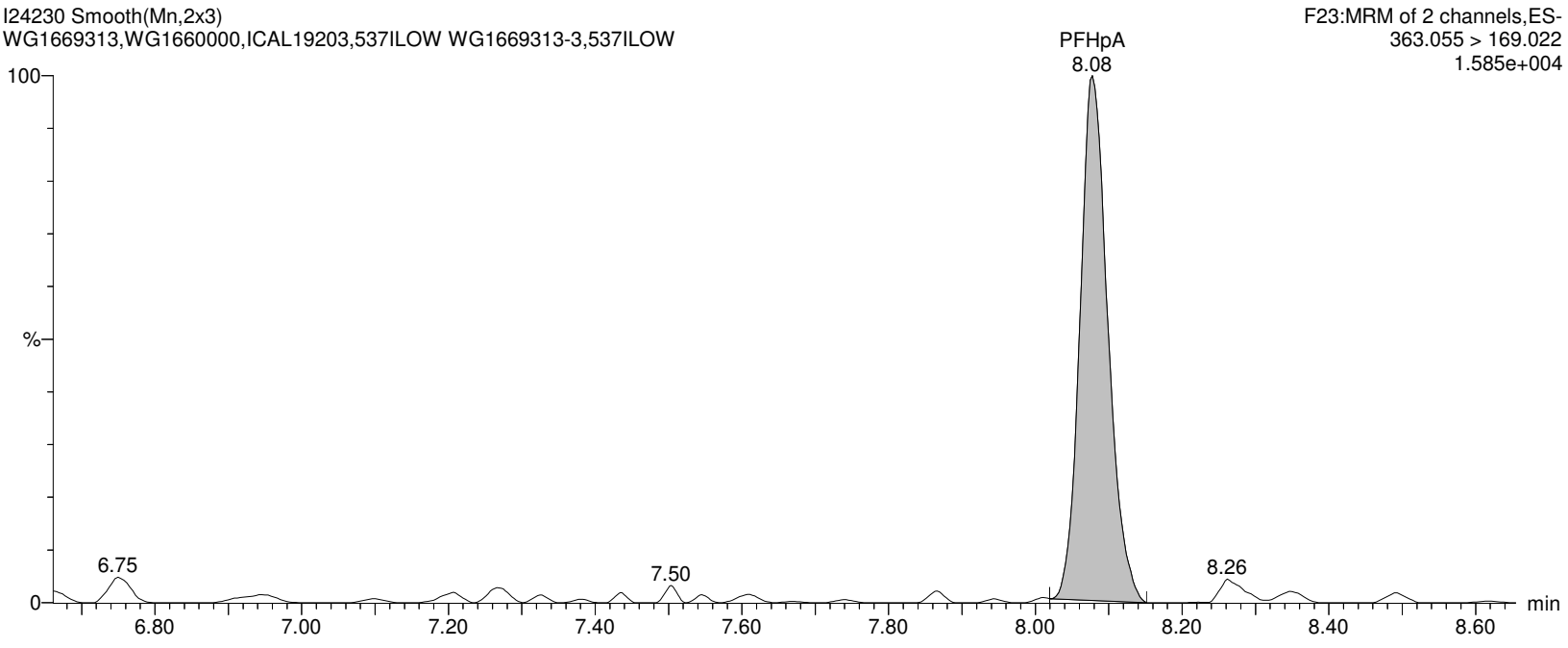
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFHpA



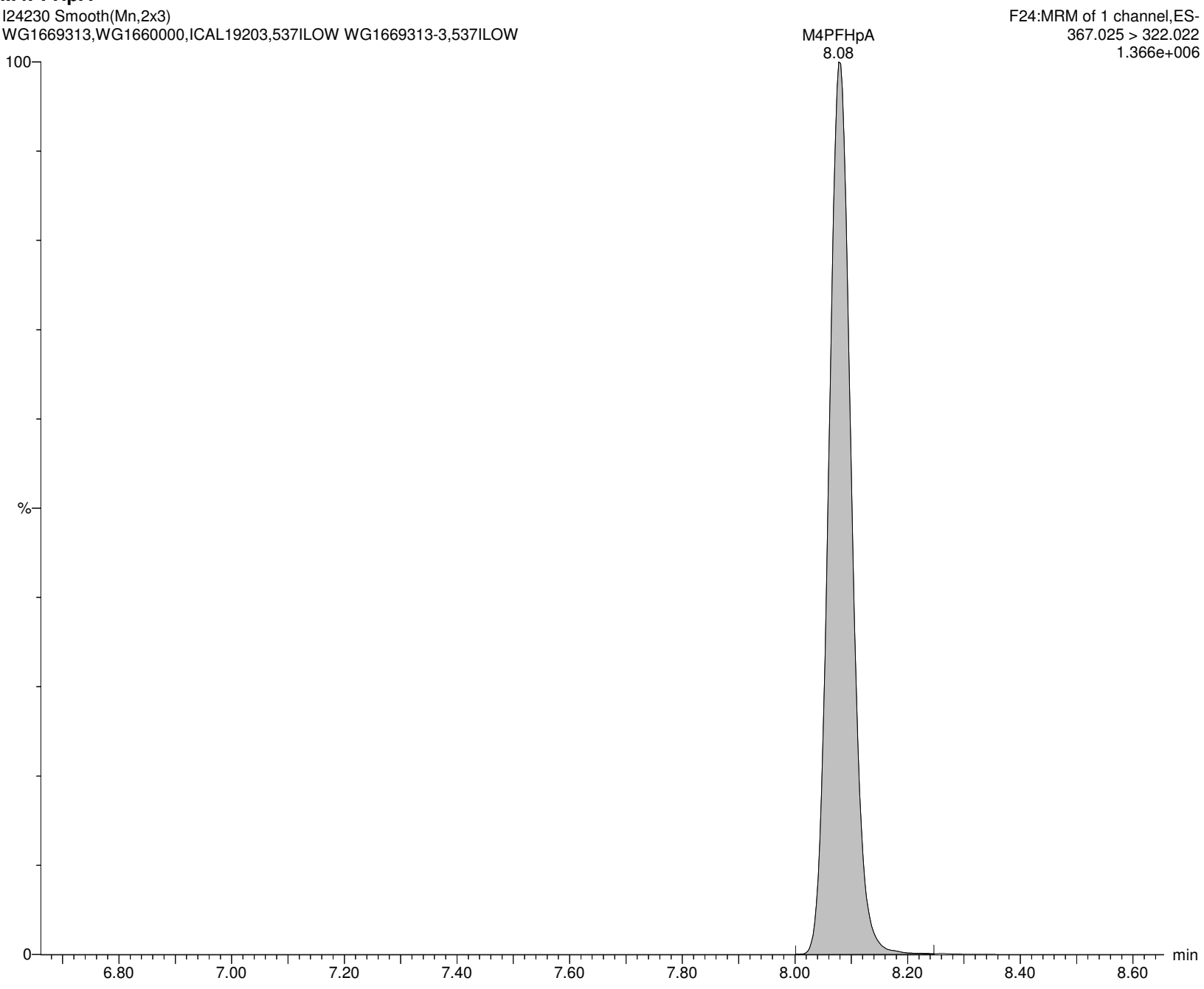


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M4PFHpA

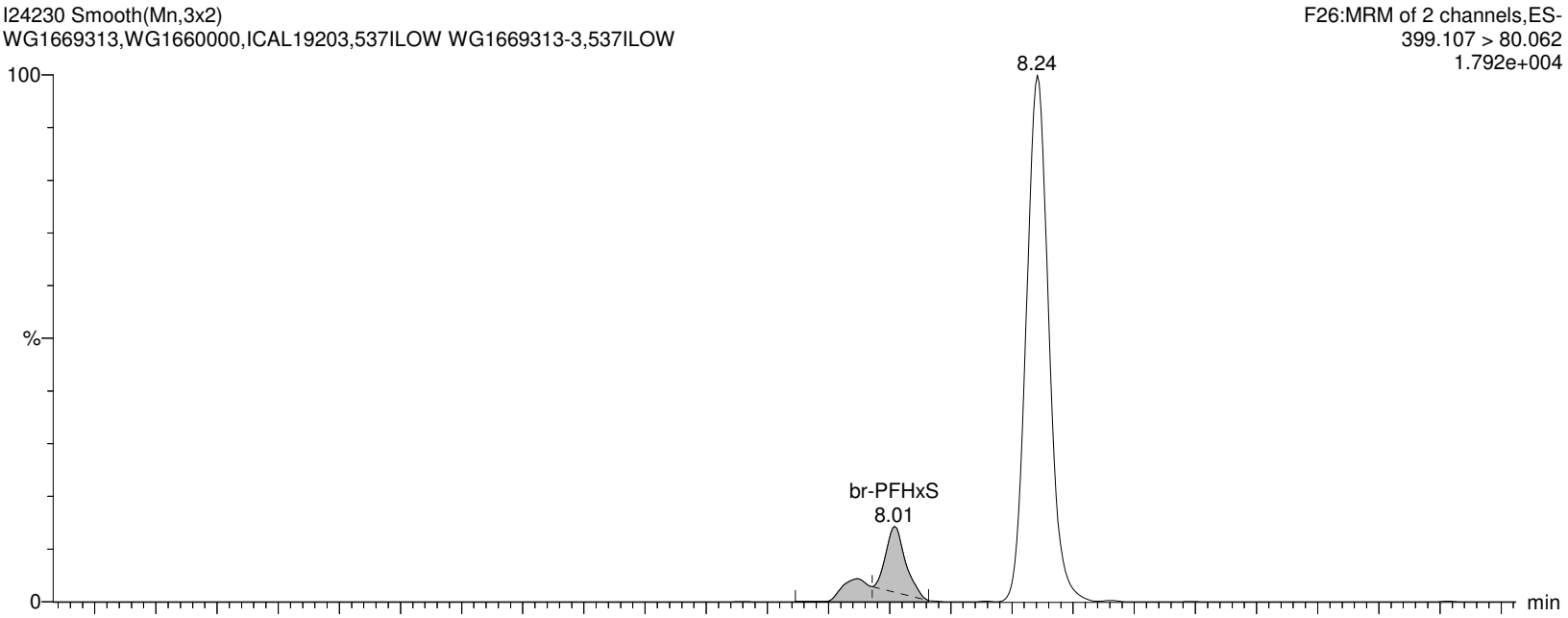


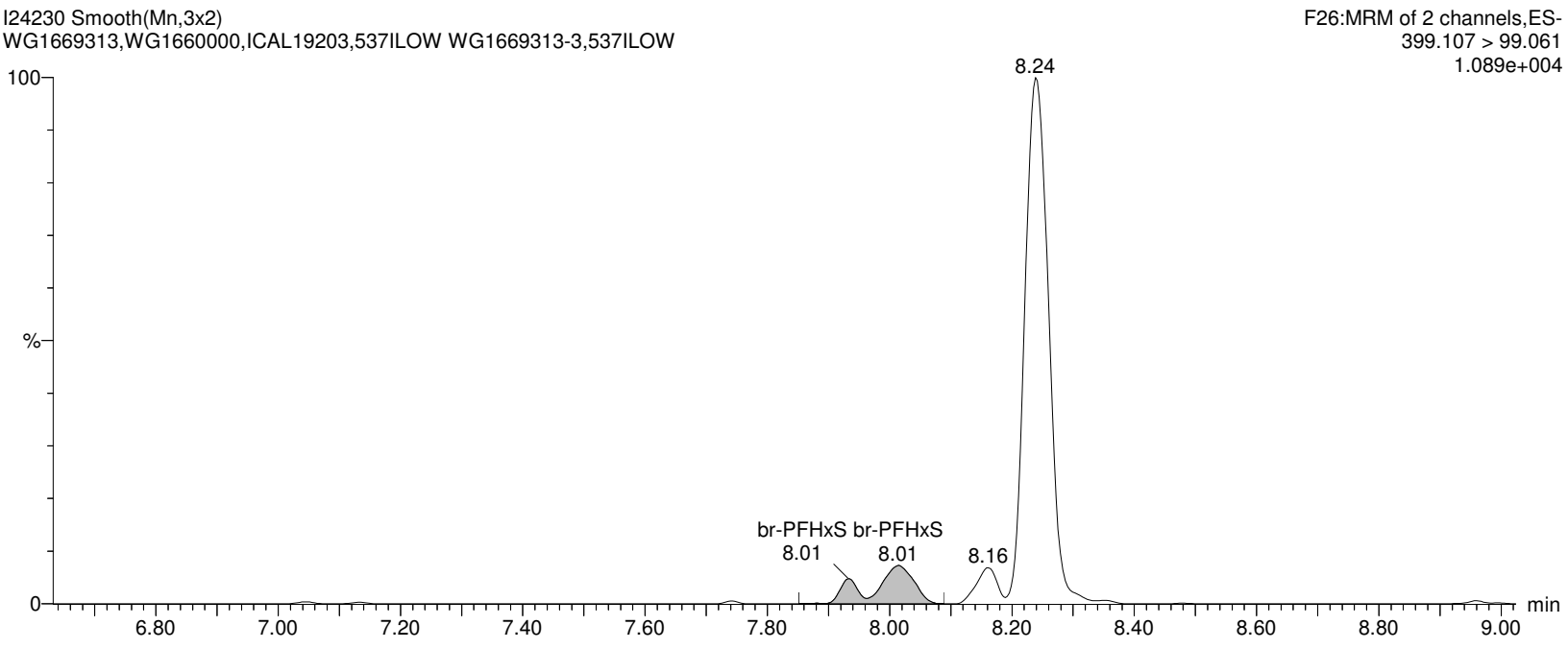
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

br-PFHxS



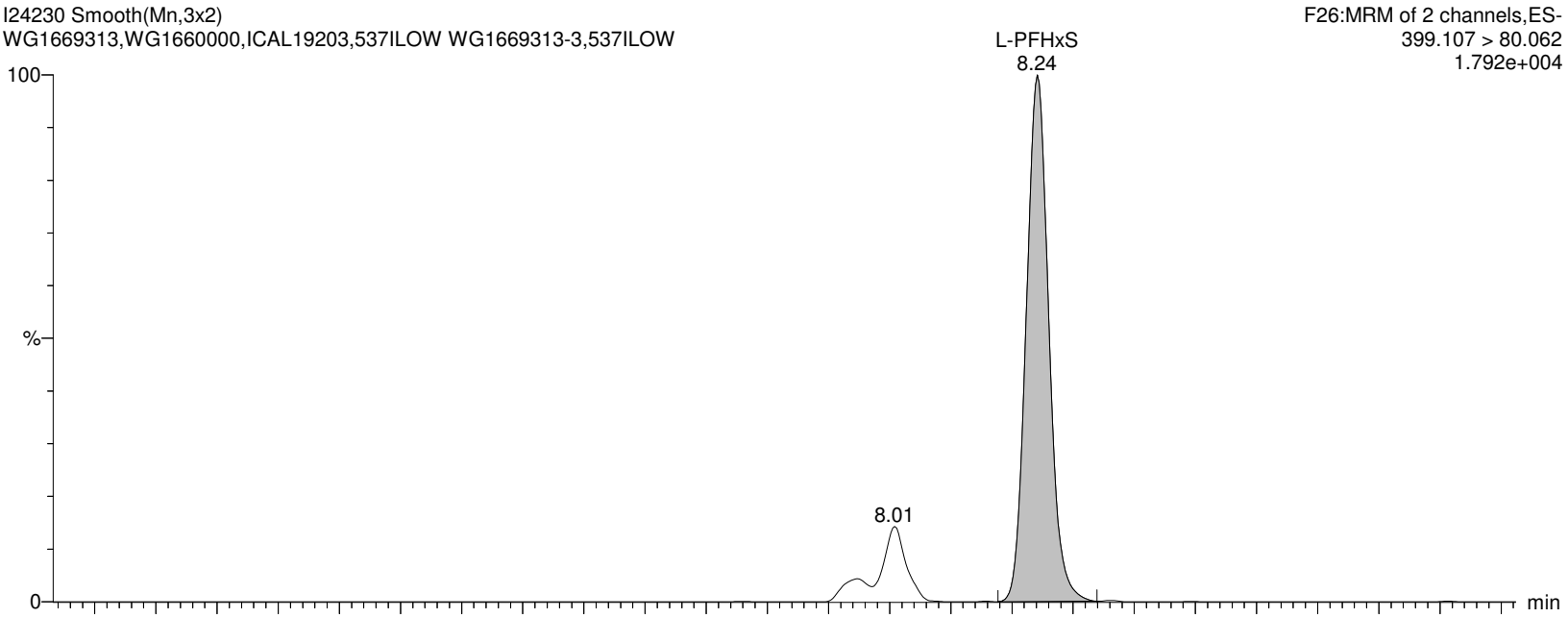


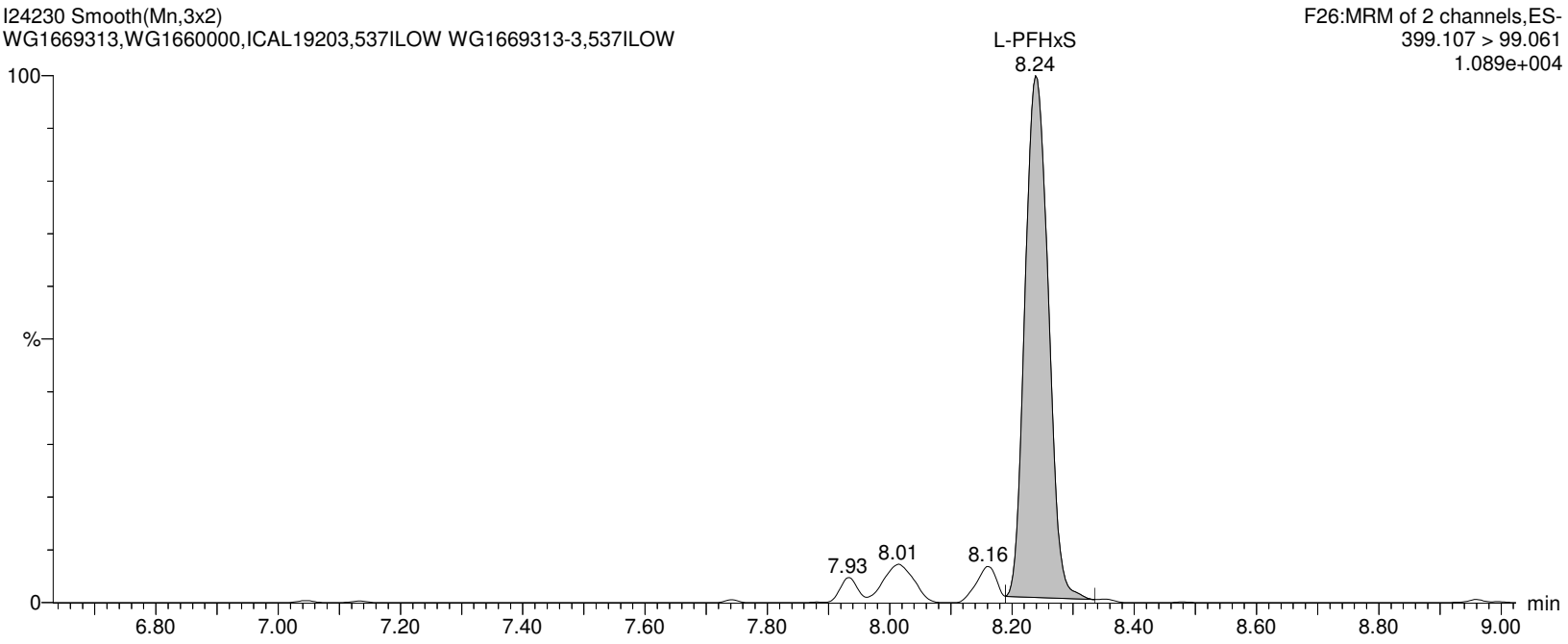
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

L-PFHxS



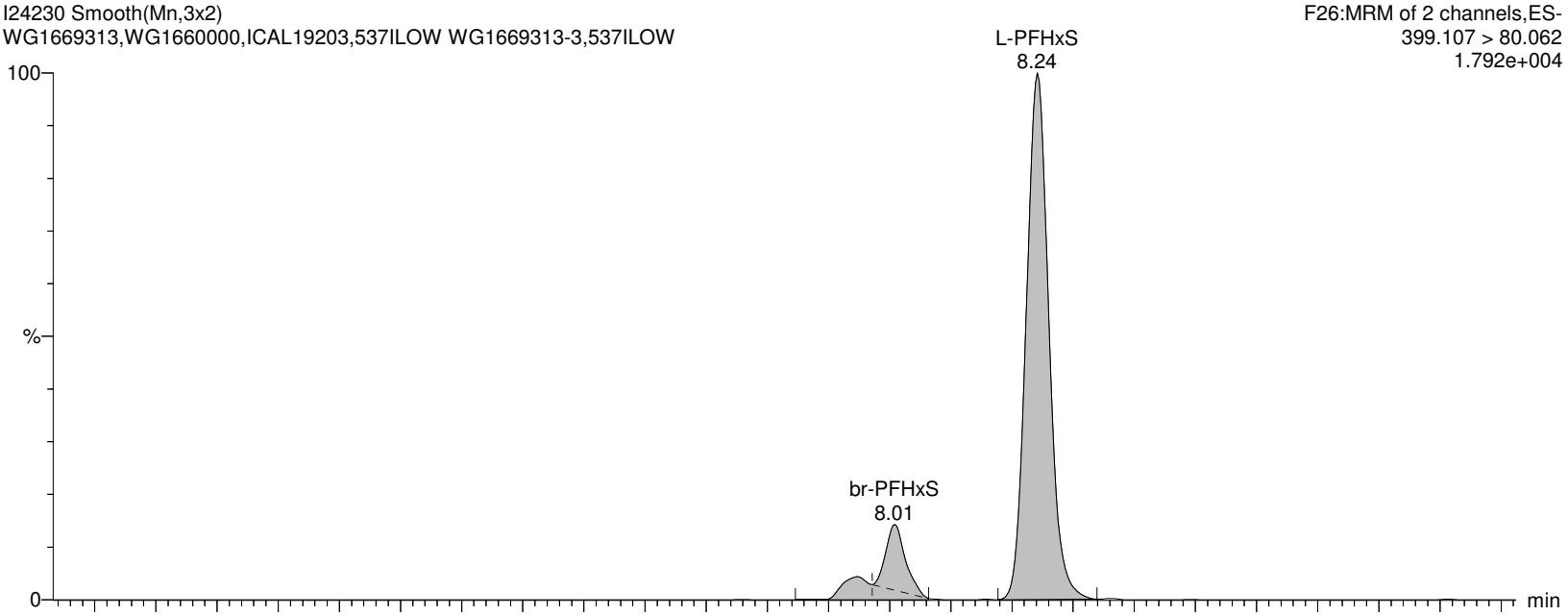


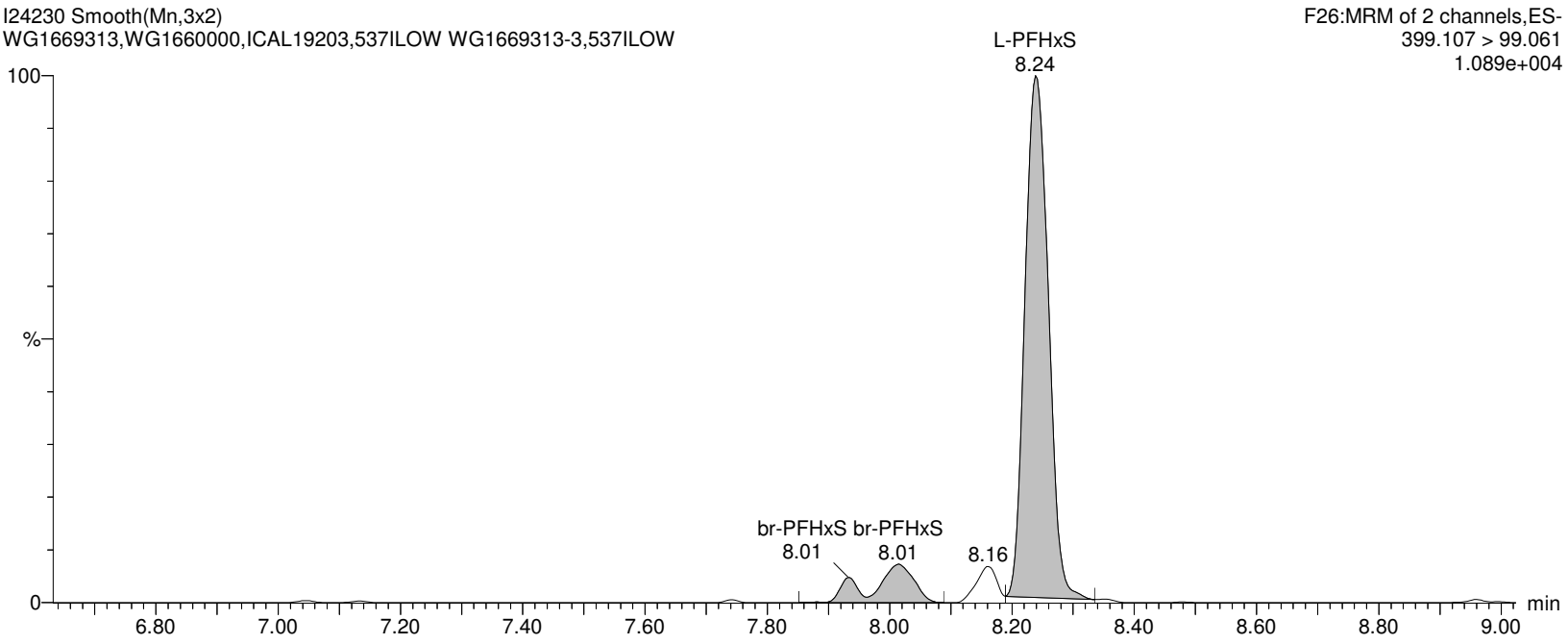
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFHxS



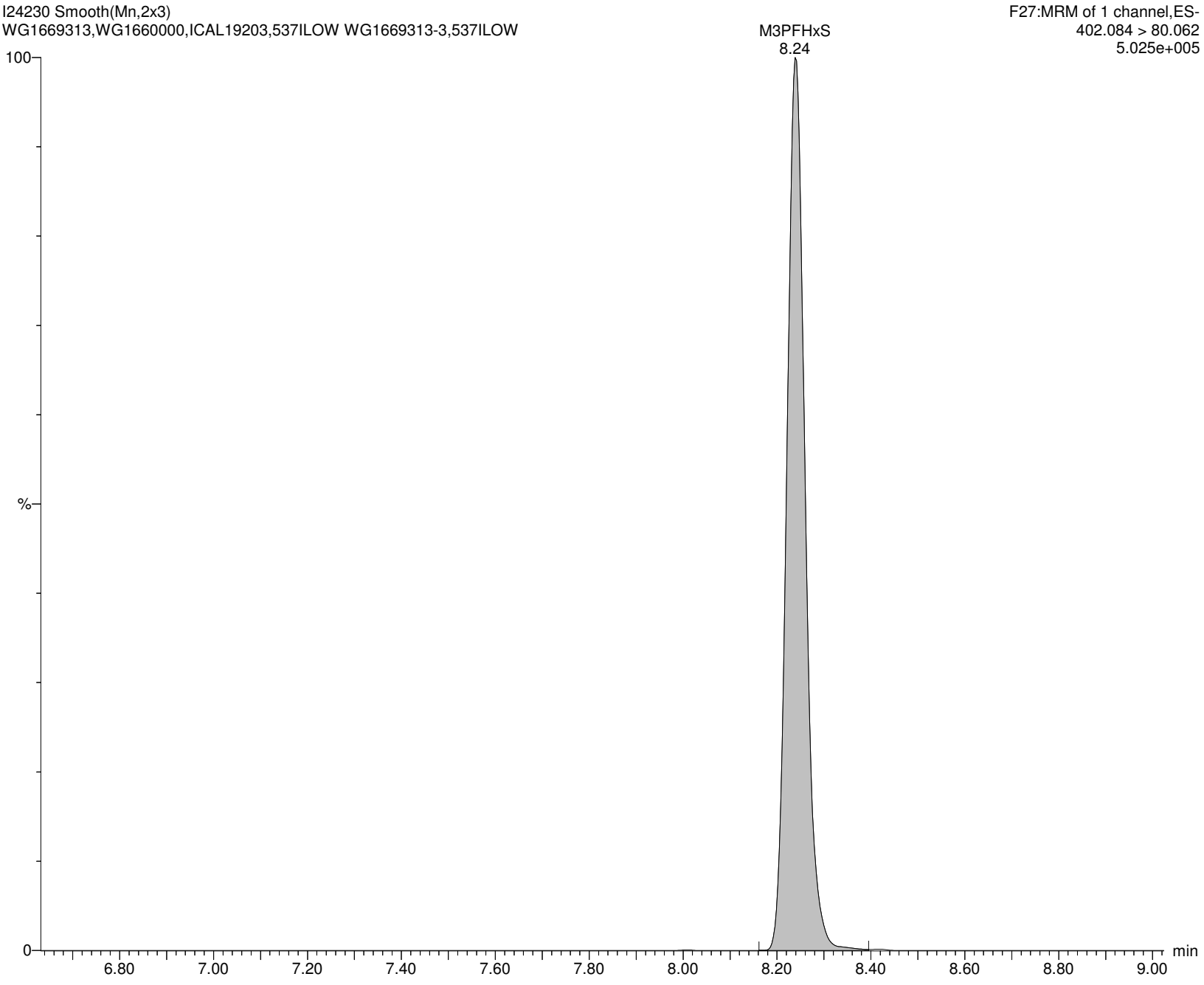


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M3PFHxS

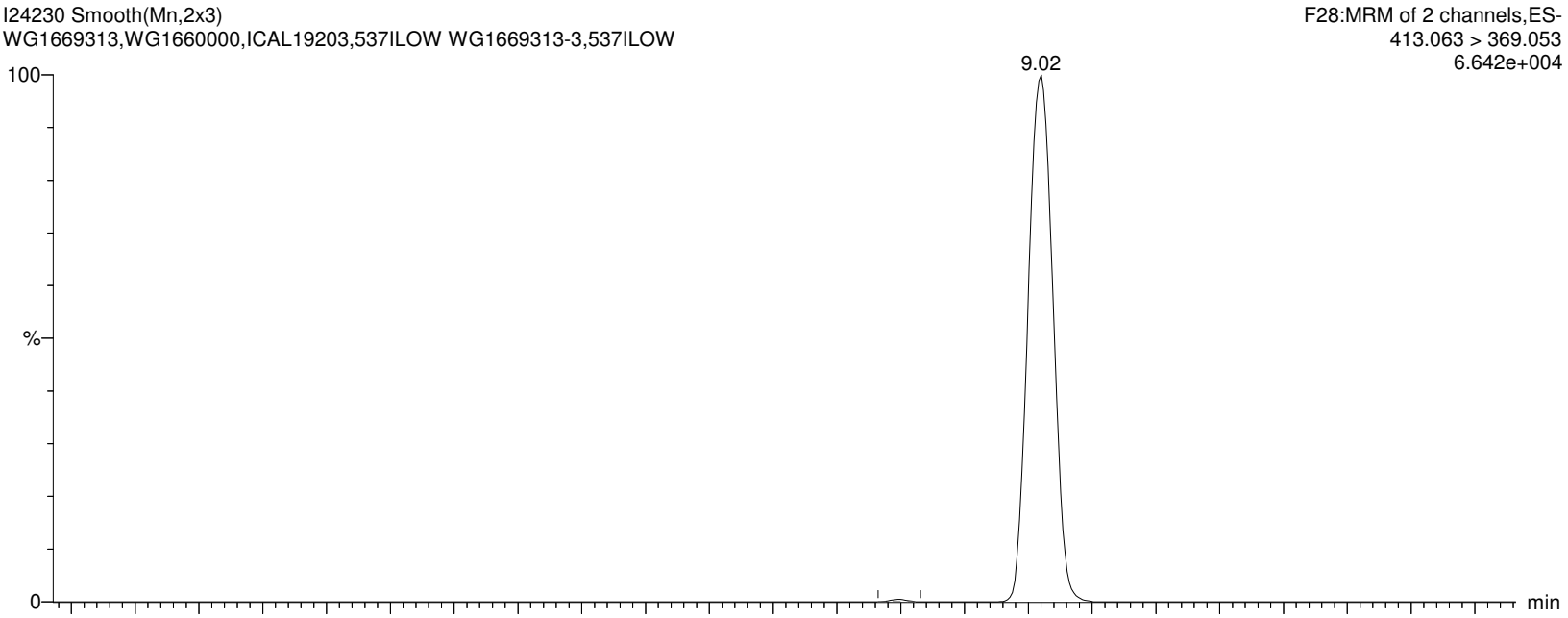


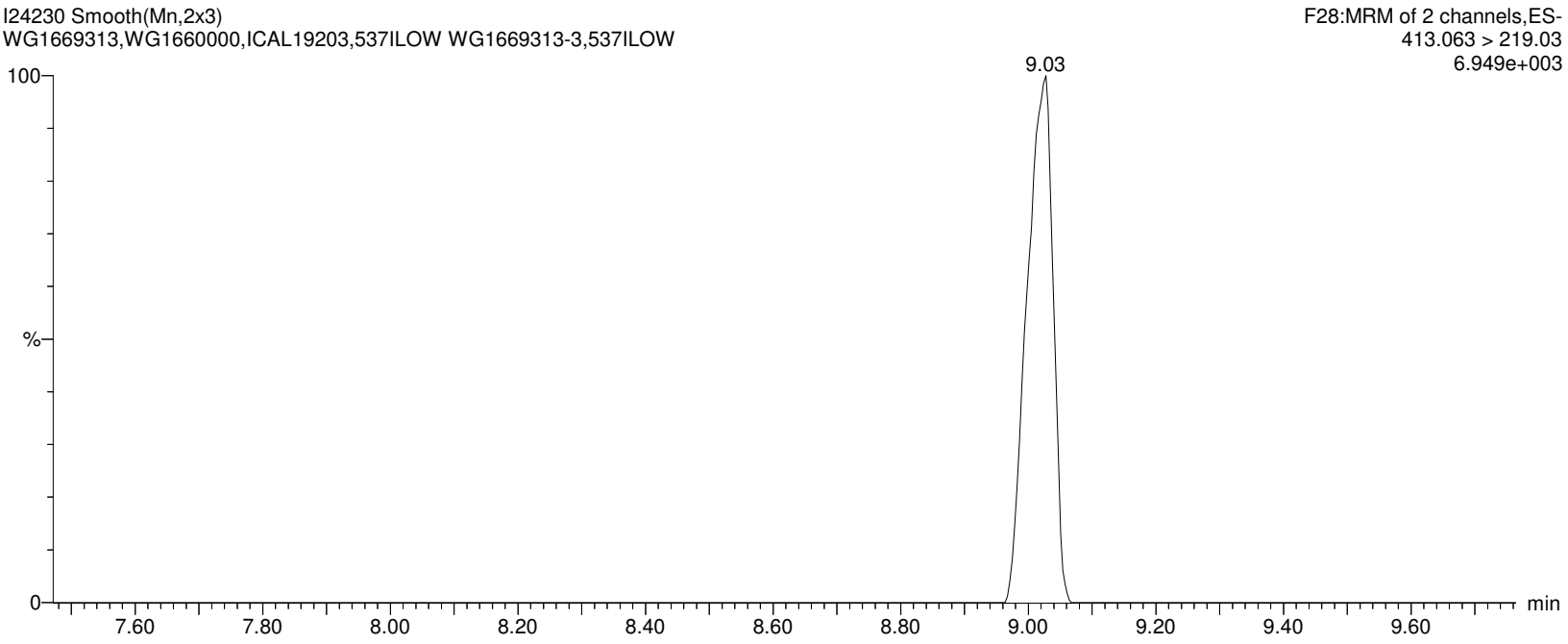
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

br-PFOA



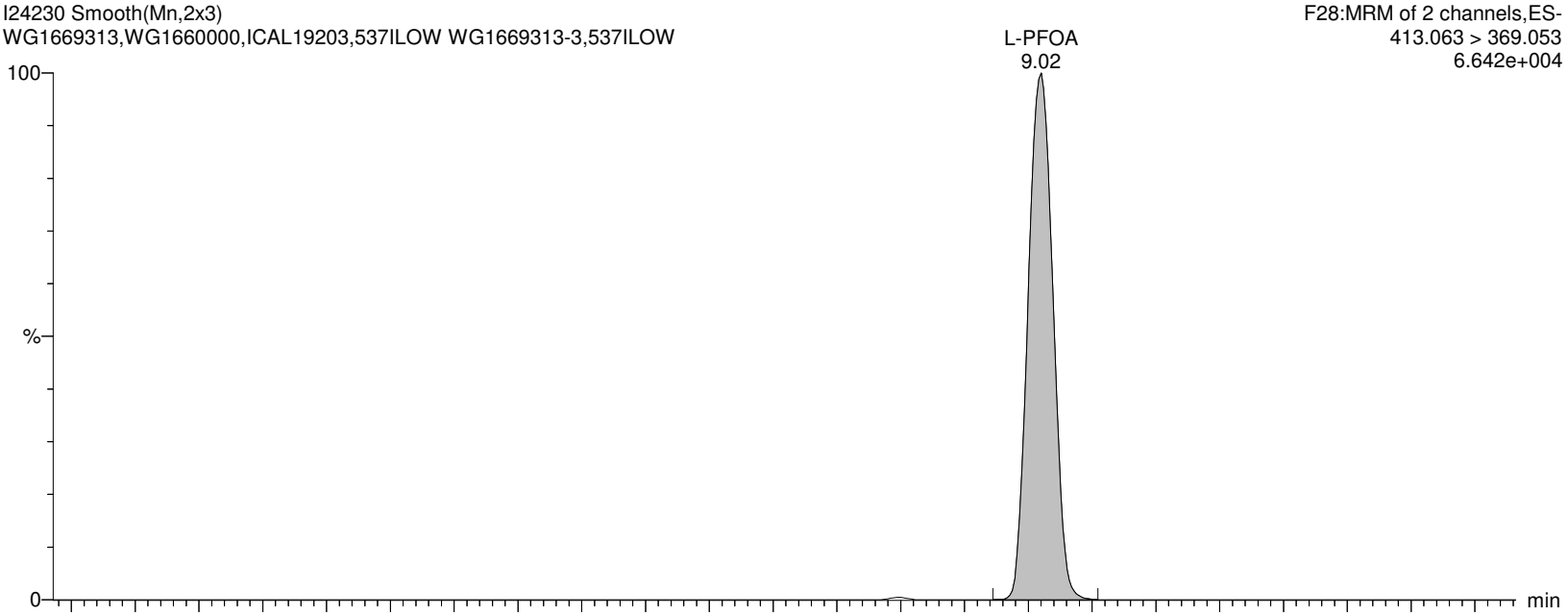


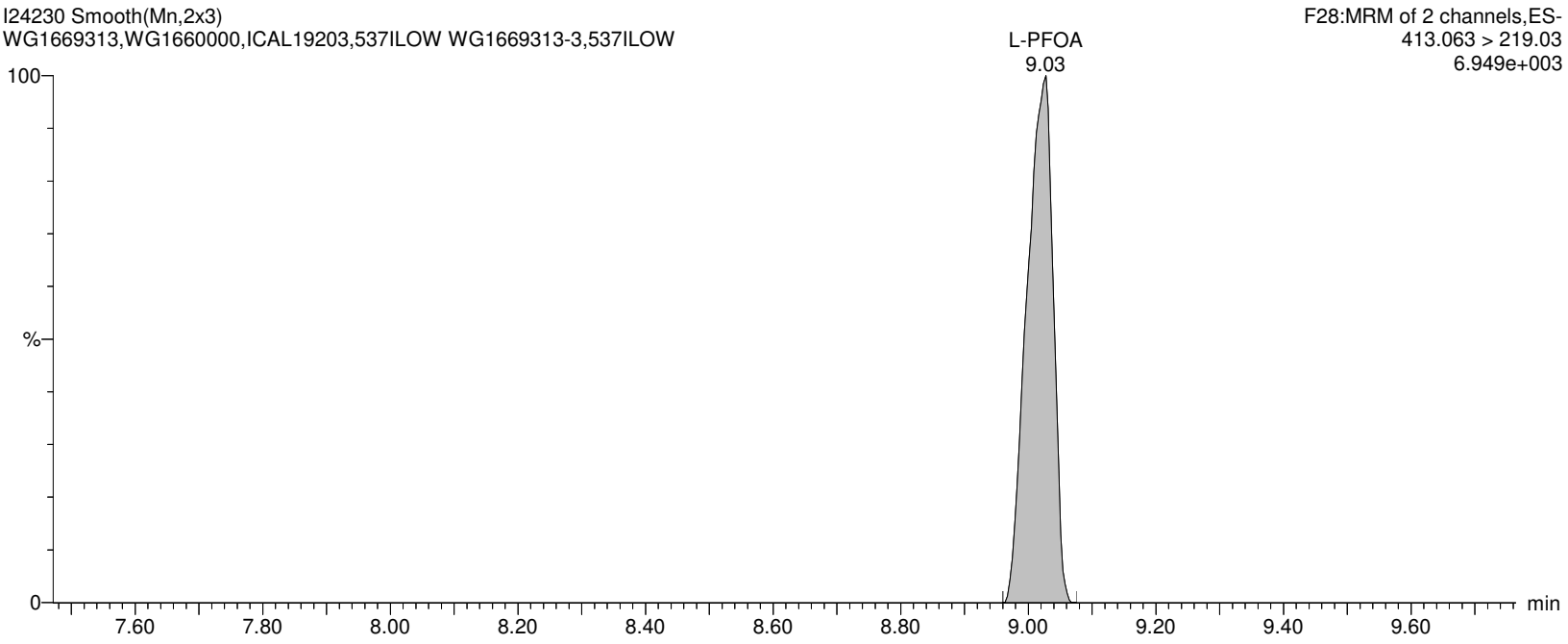
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

L-PFOA



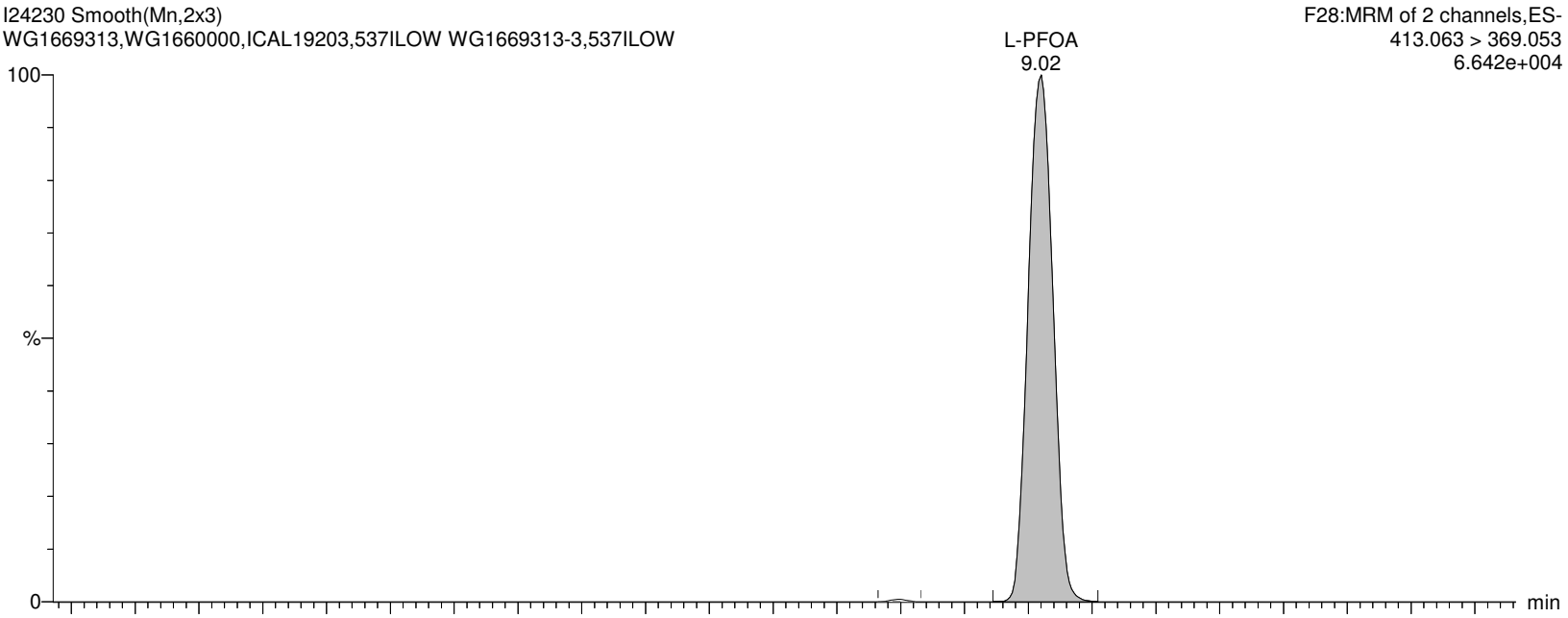


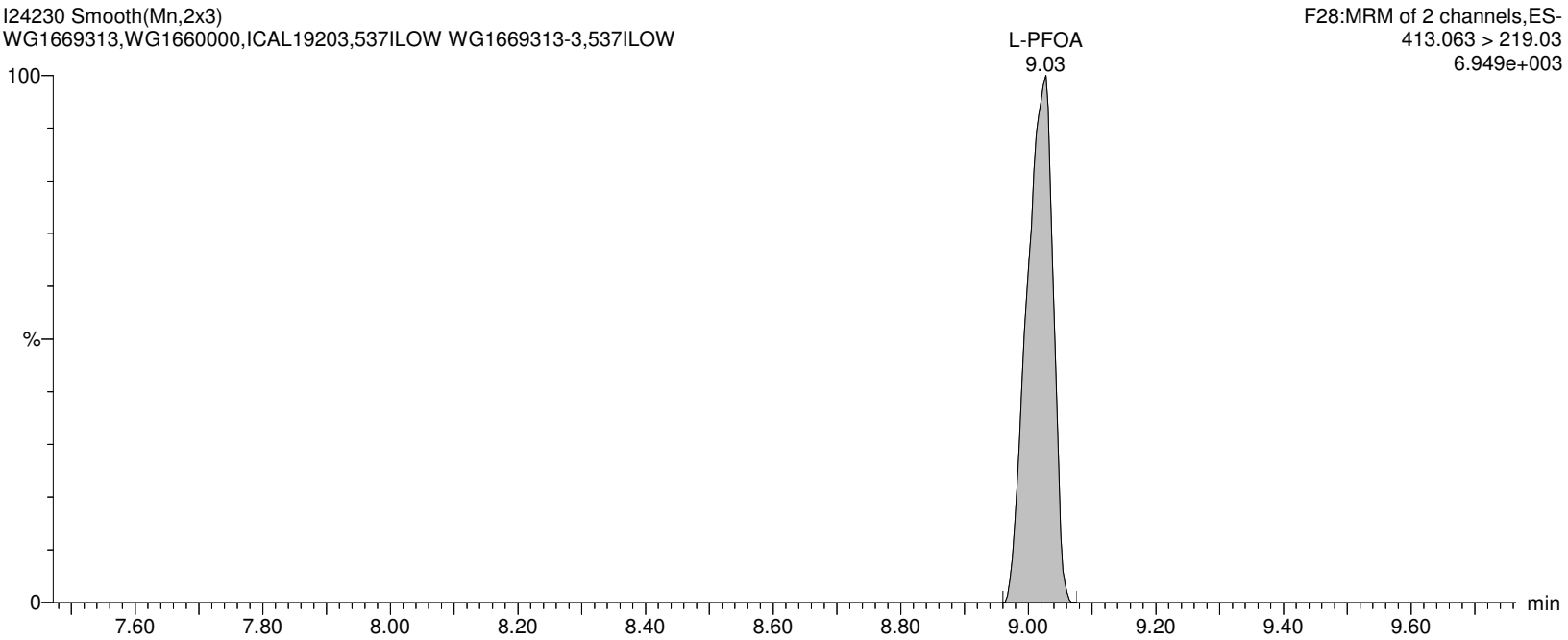
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFOA



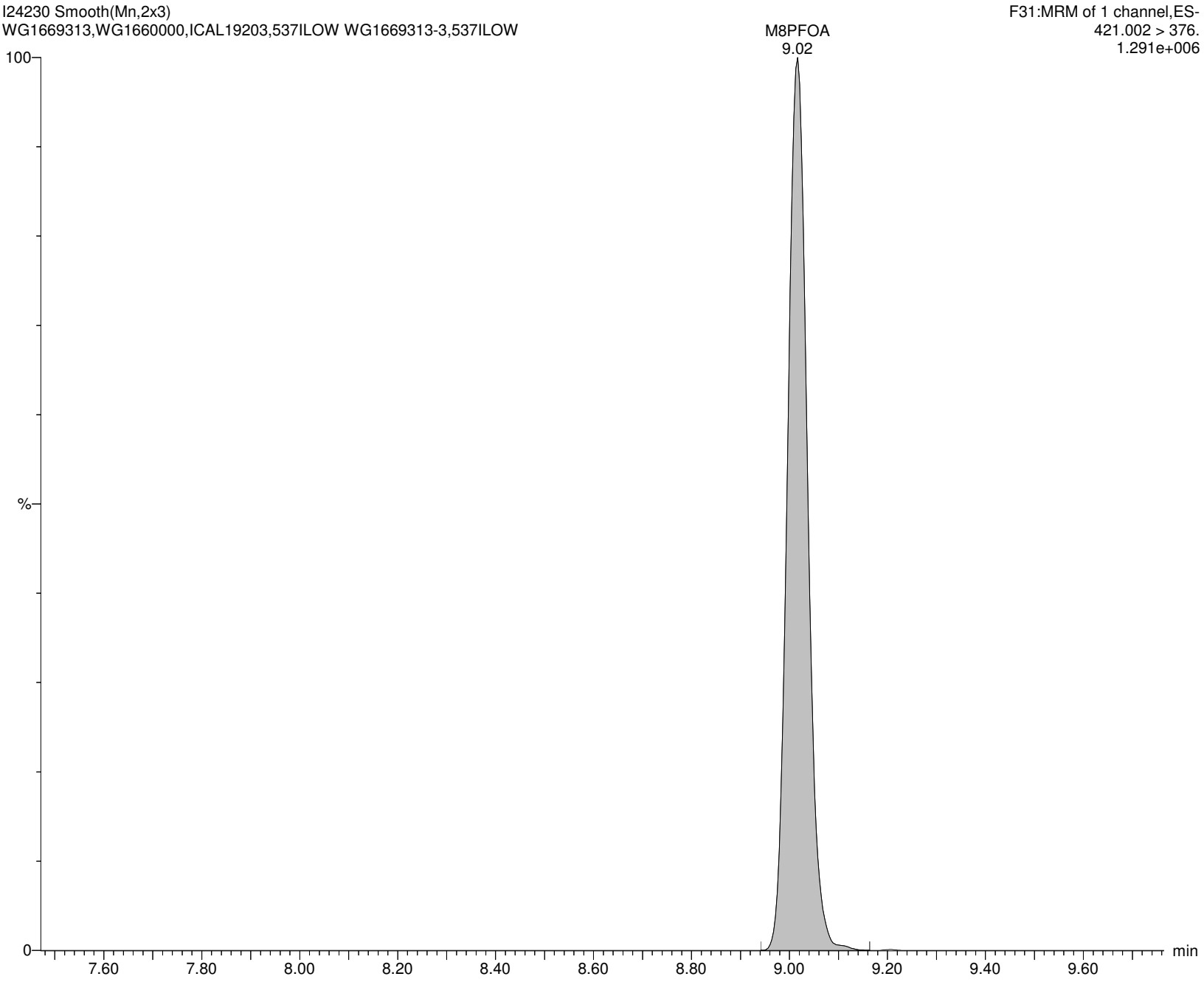


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M8PFOA

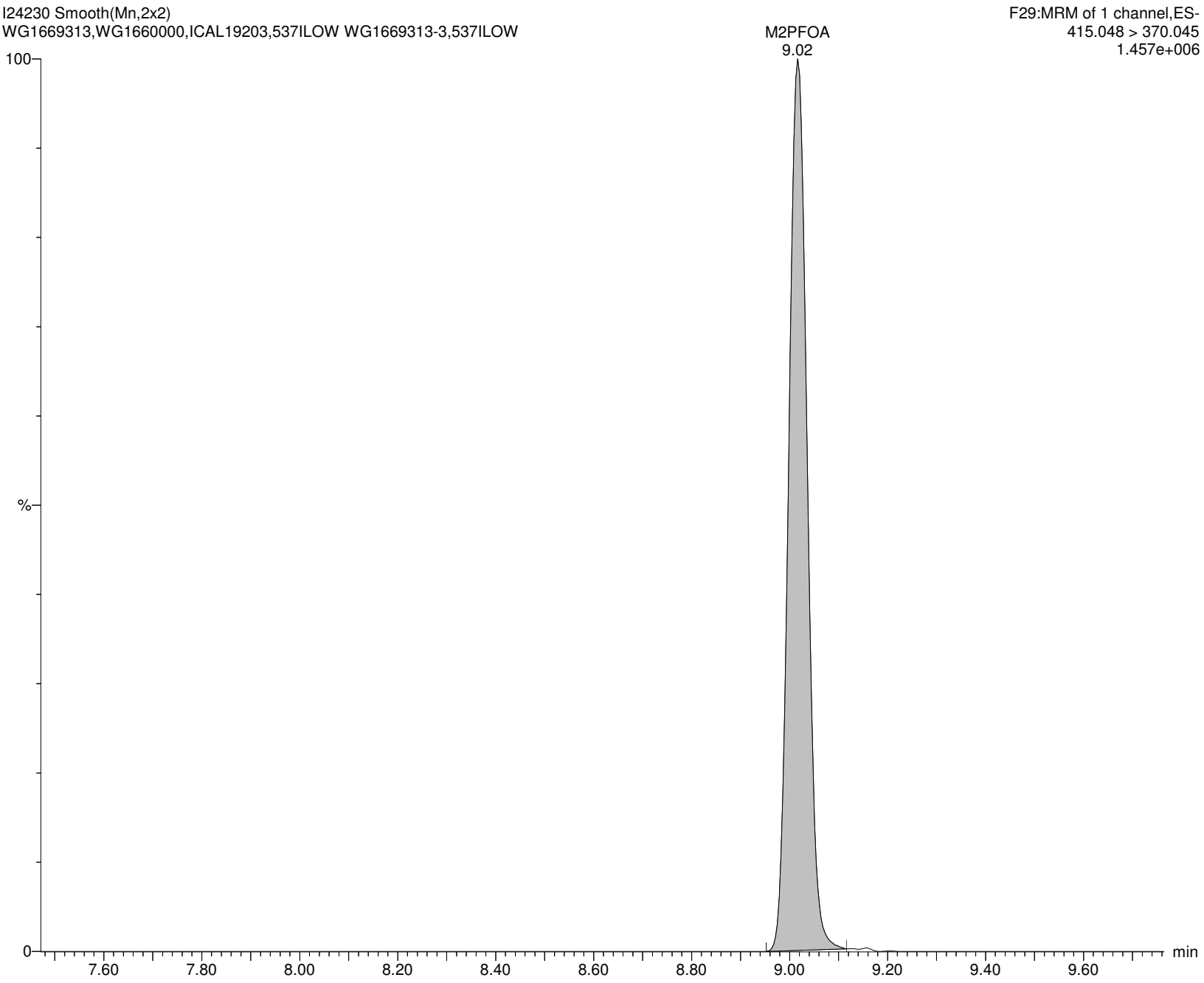


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2PFOA

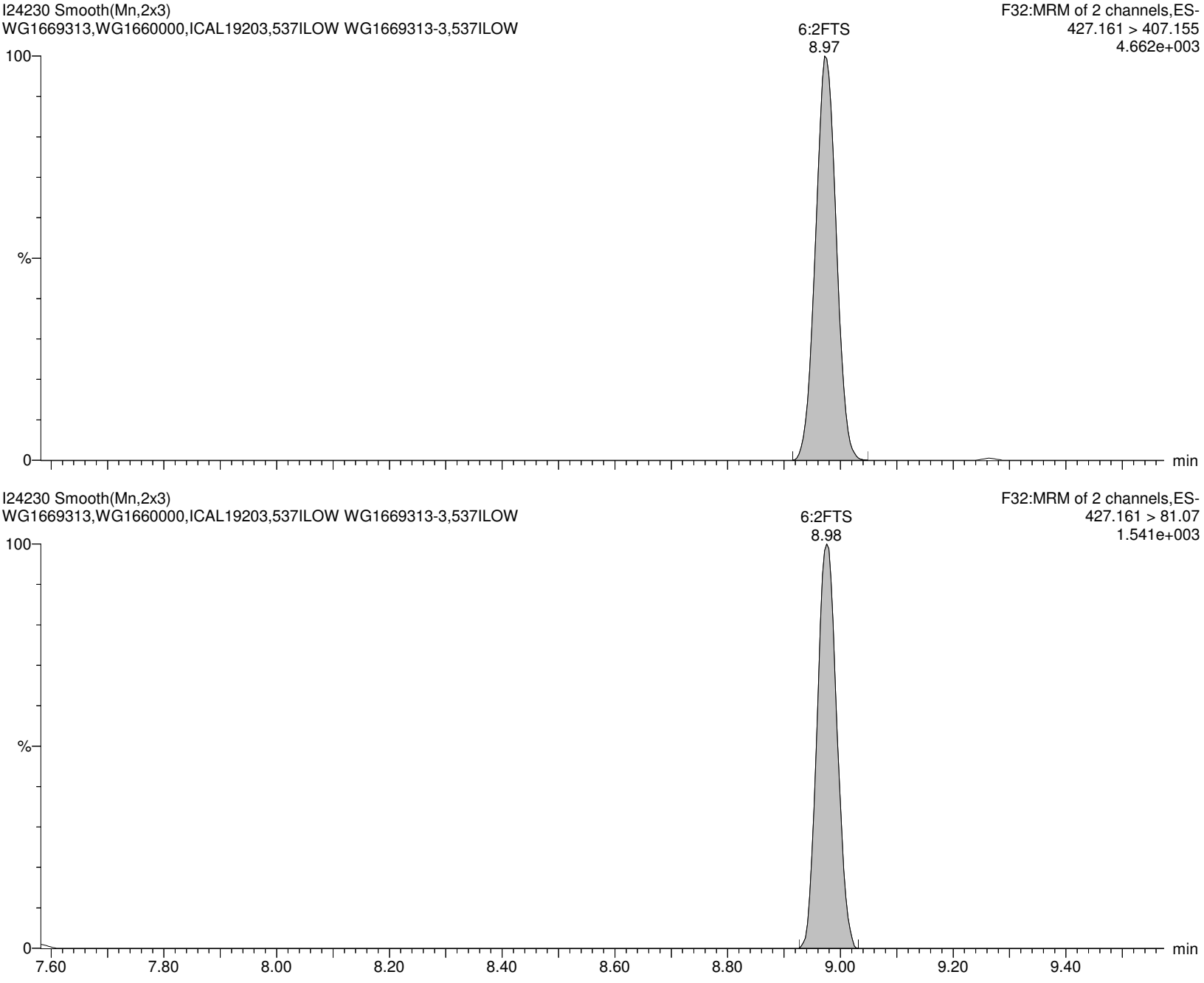


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

6:2FTS

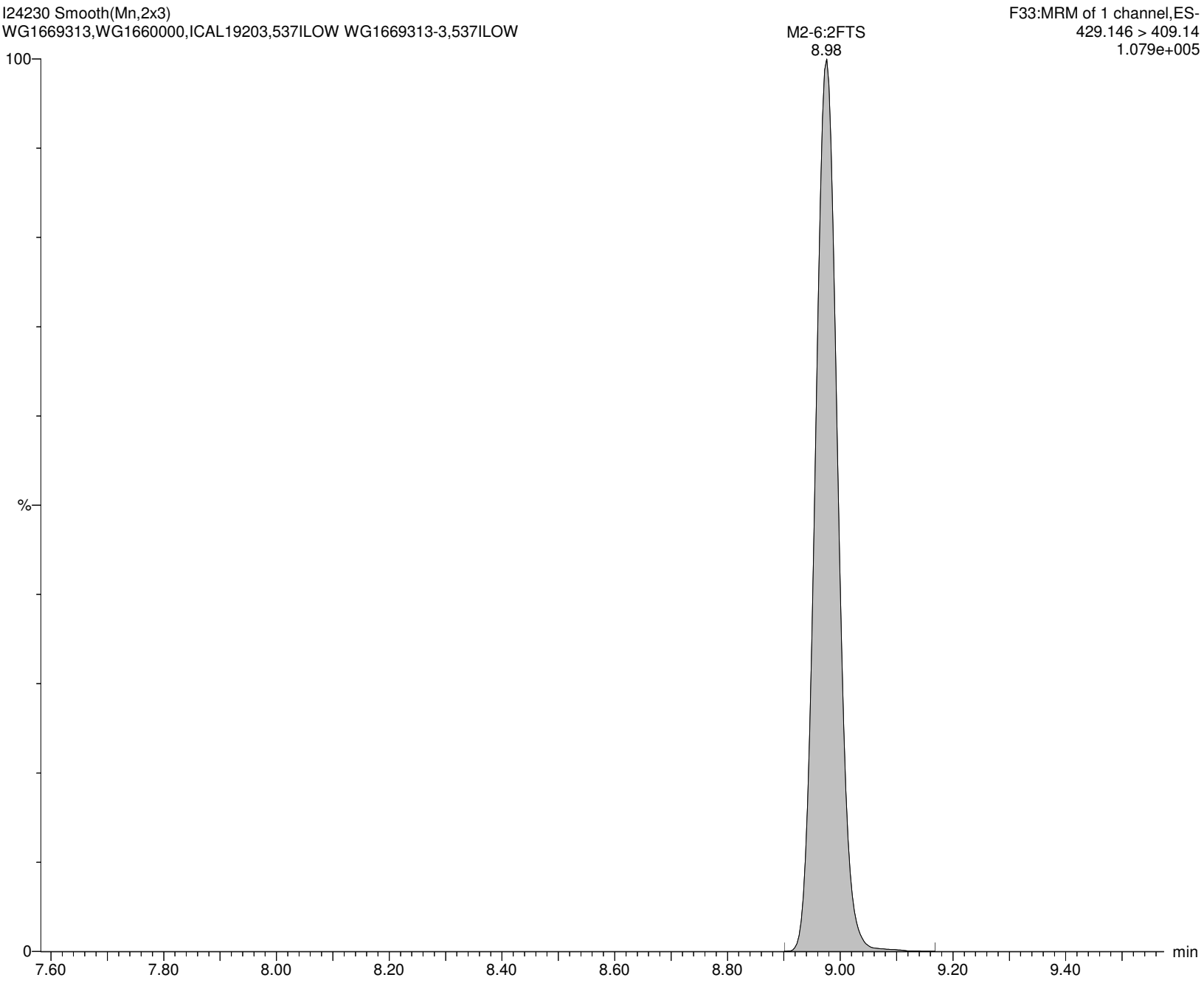


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2-6:2FTS

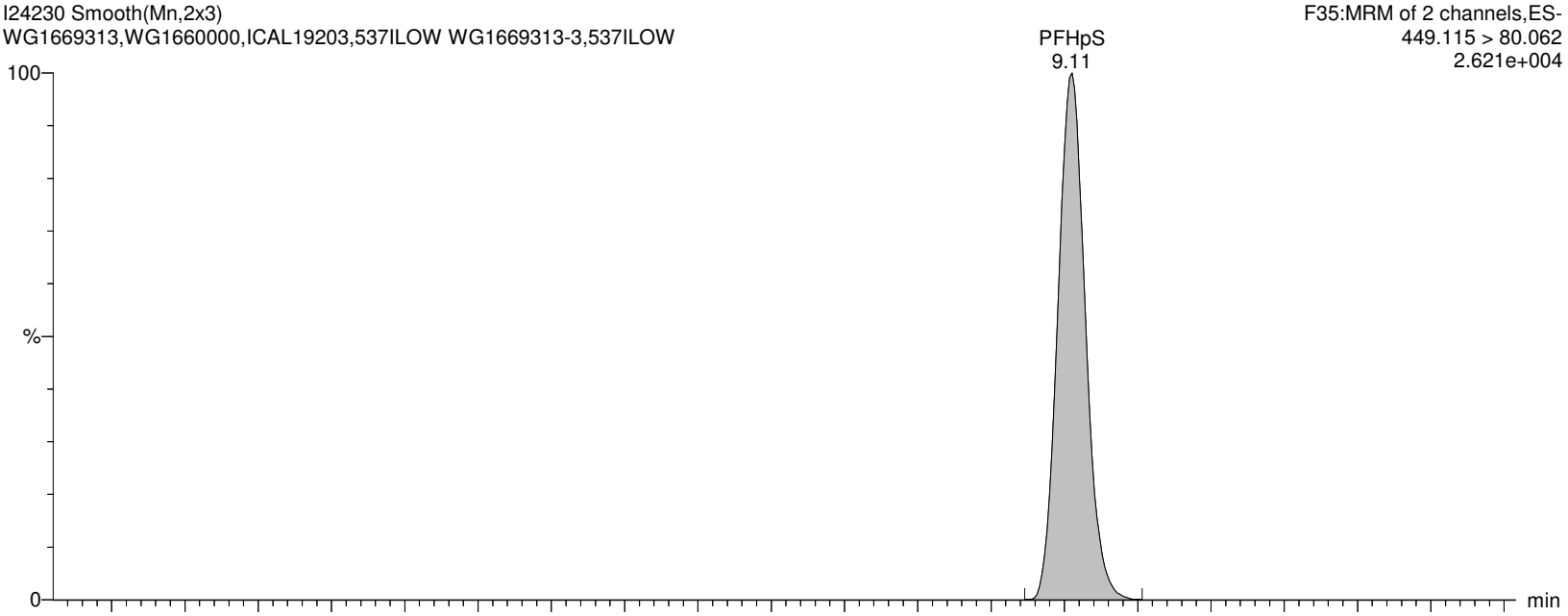


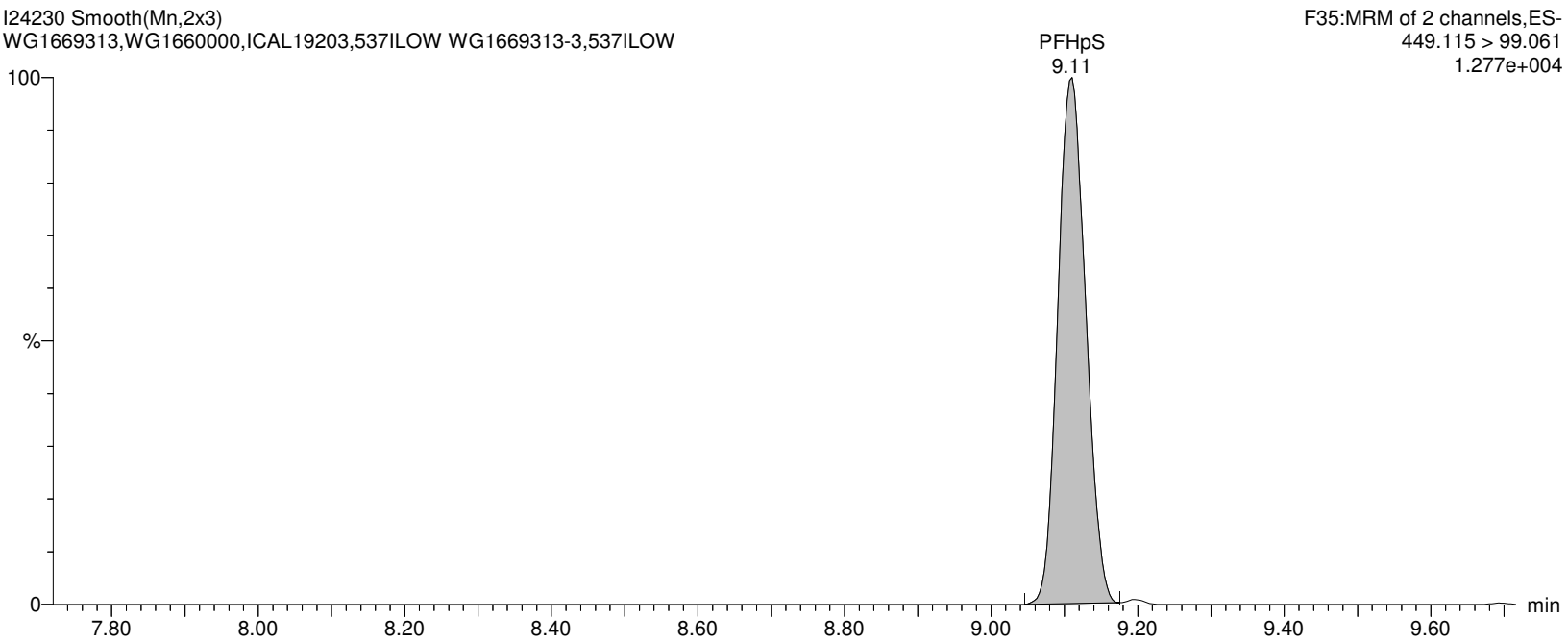
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFHpS



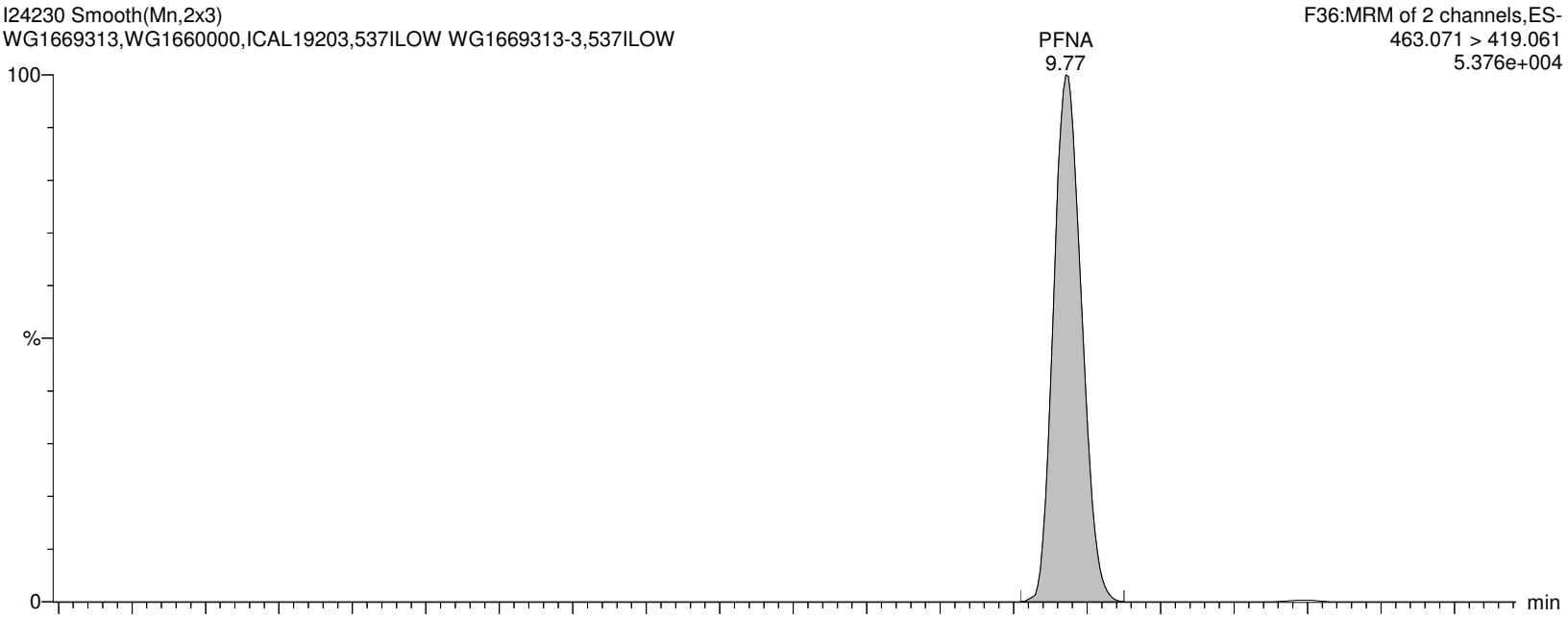


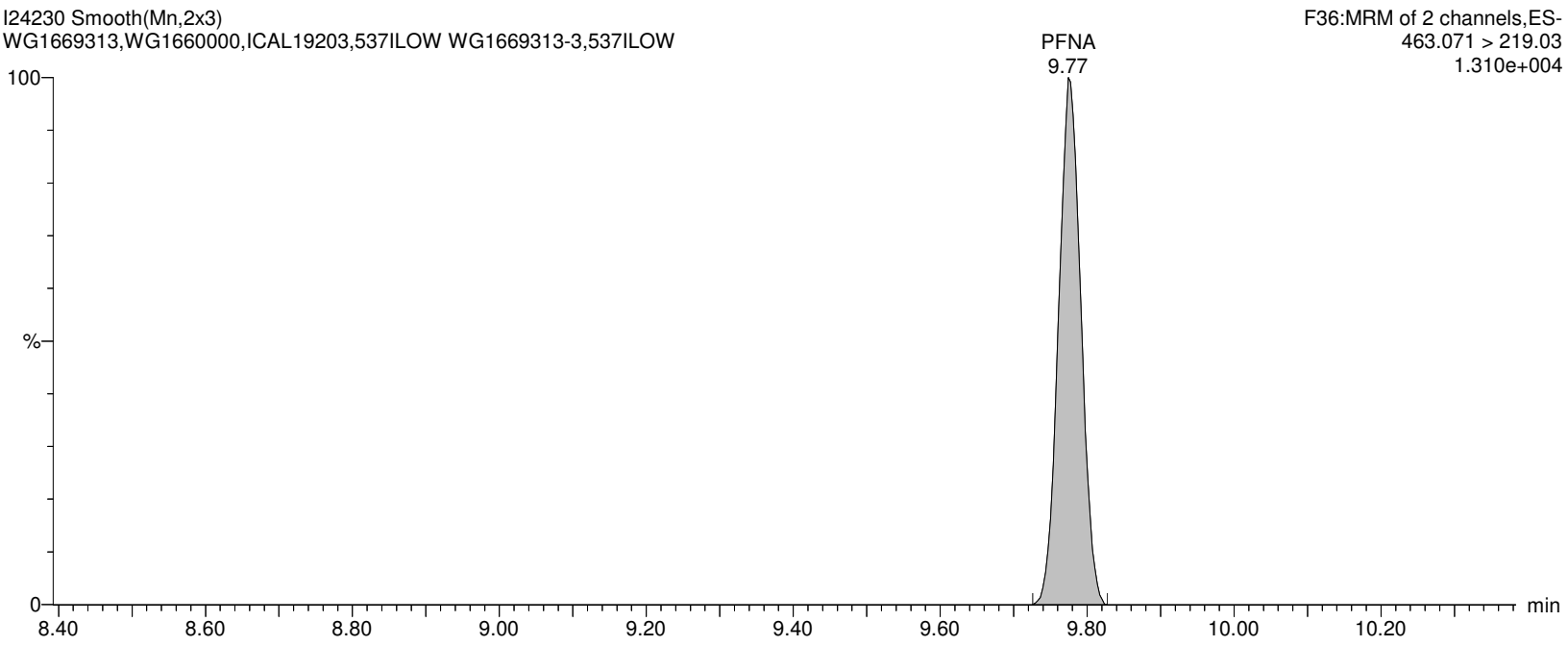
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFNA



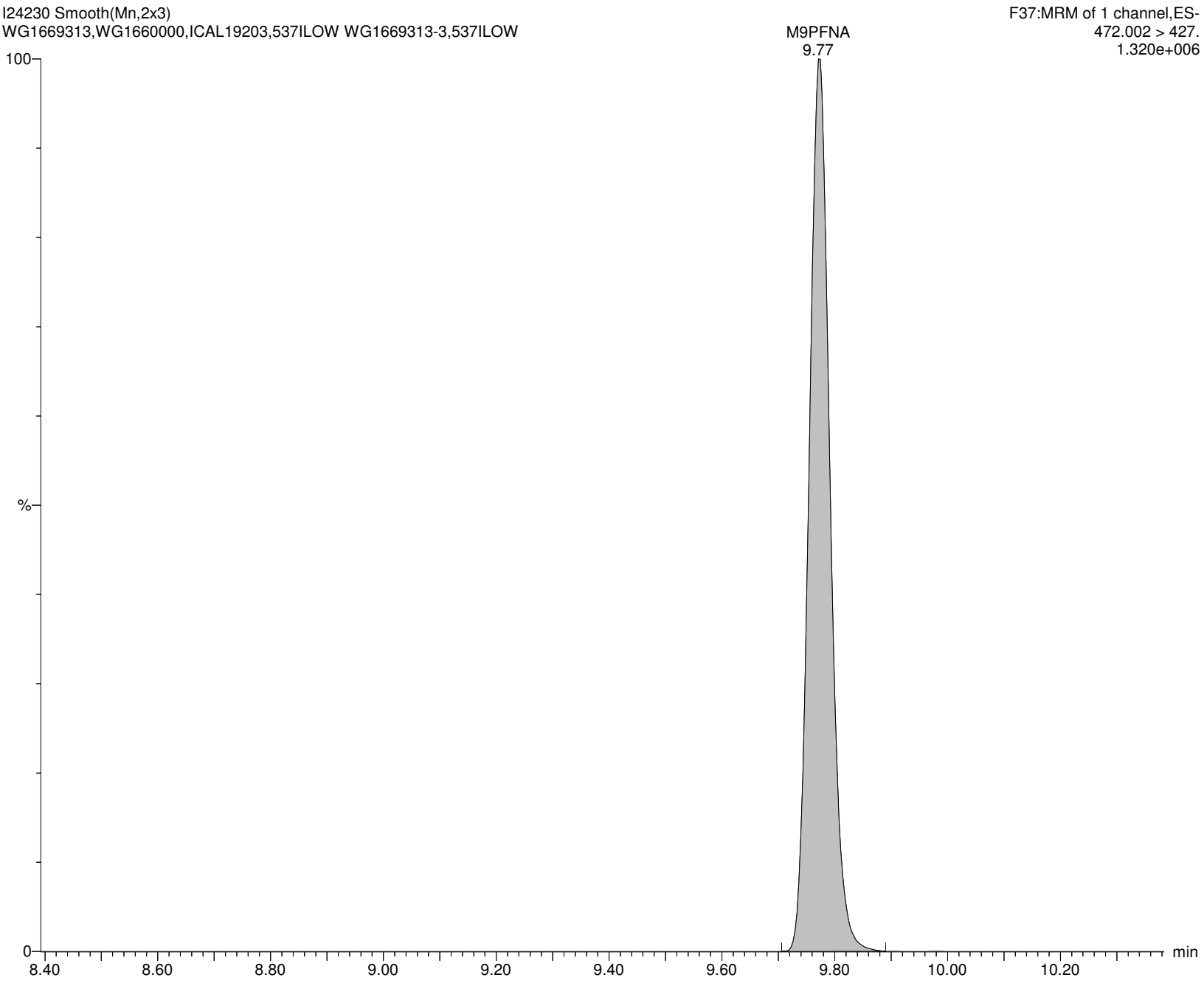


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M9PFNA

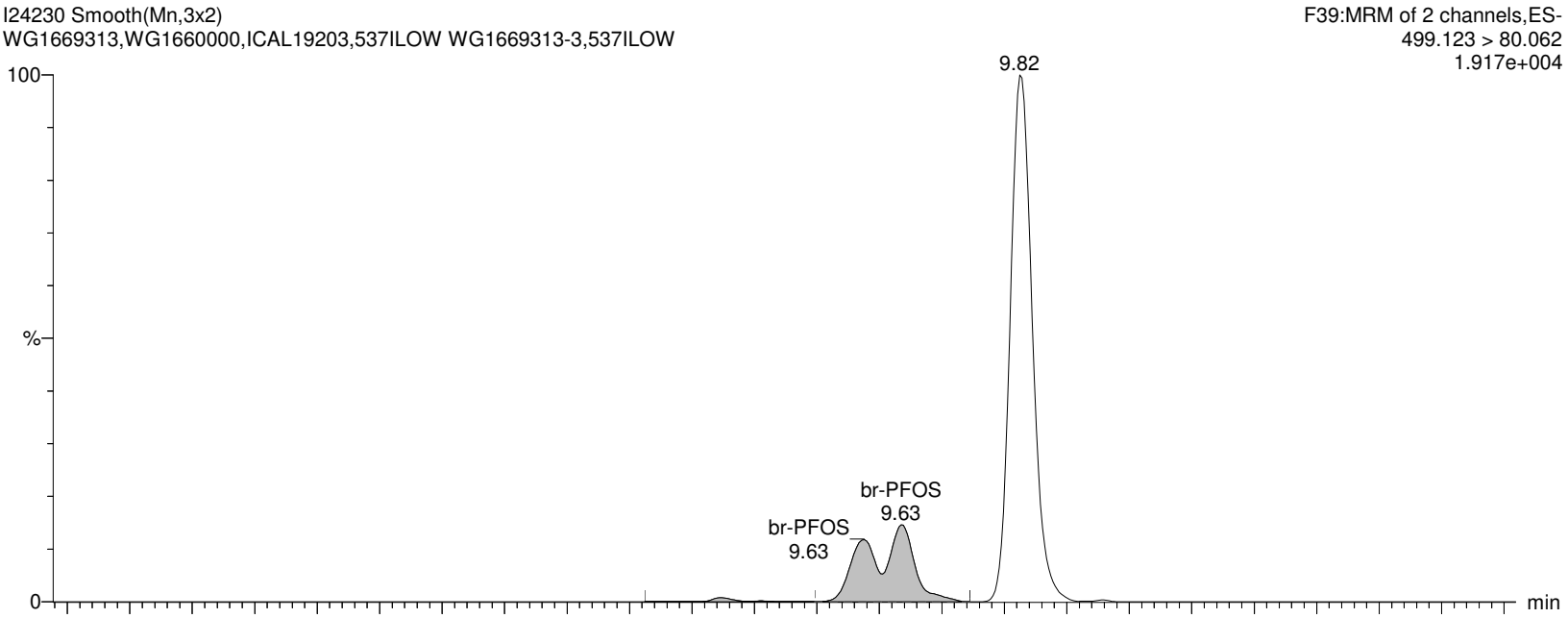


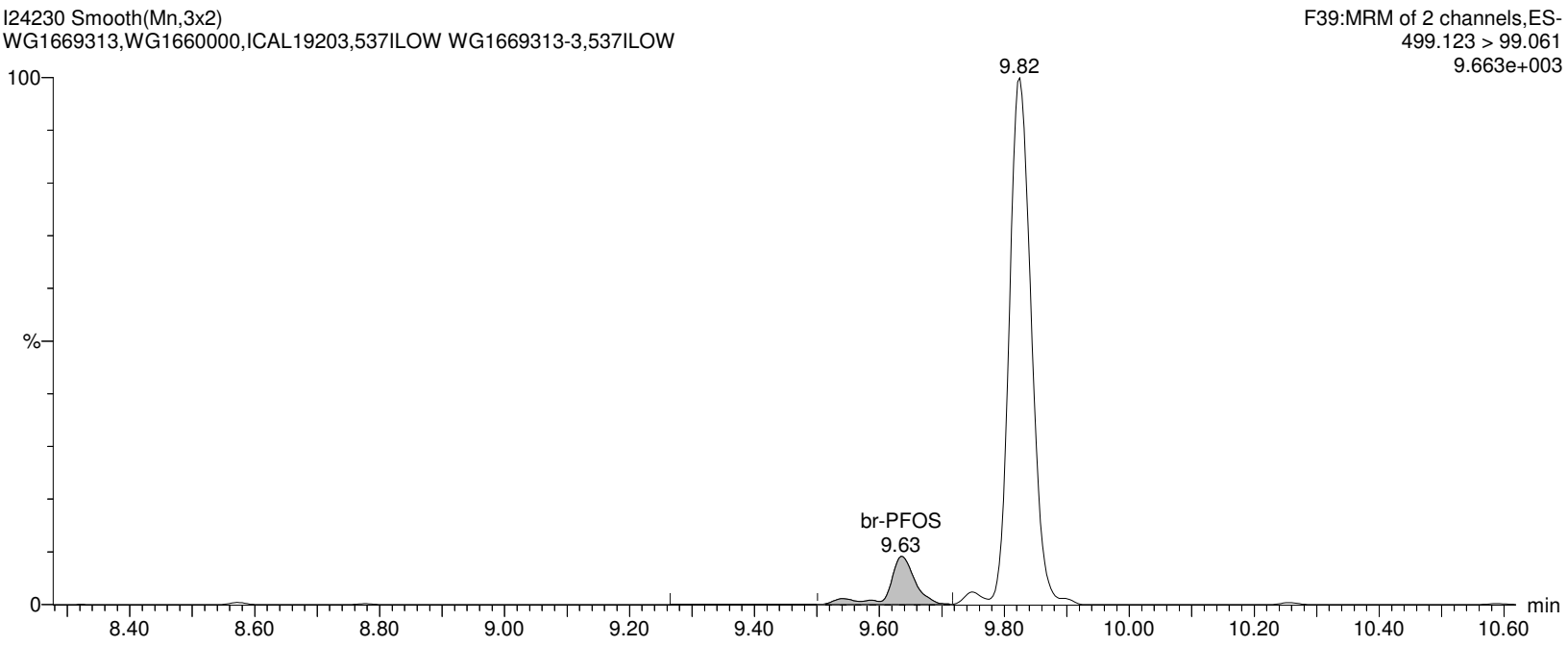
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

br-PFOS



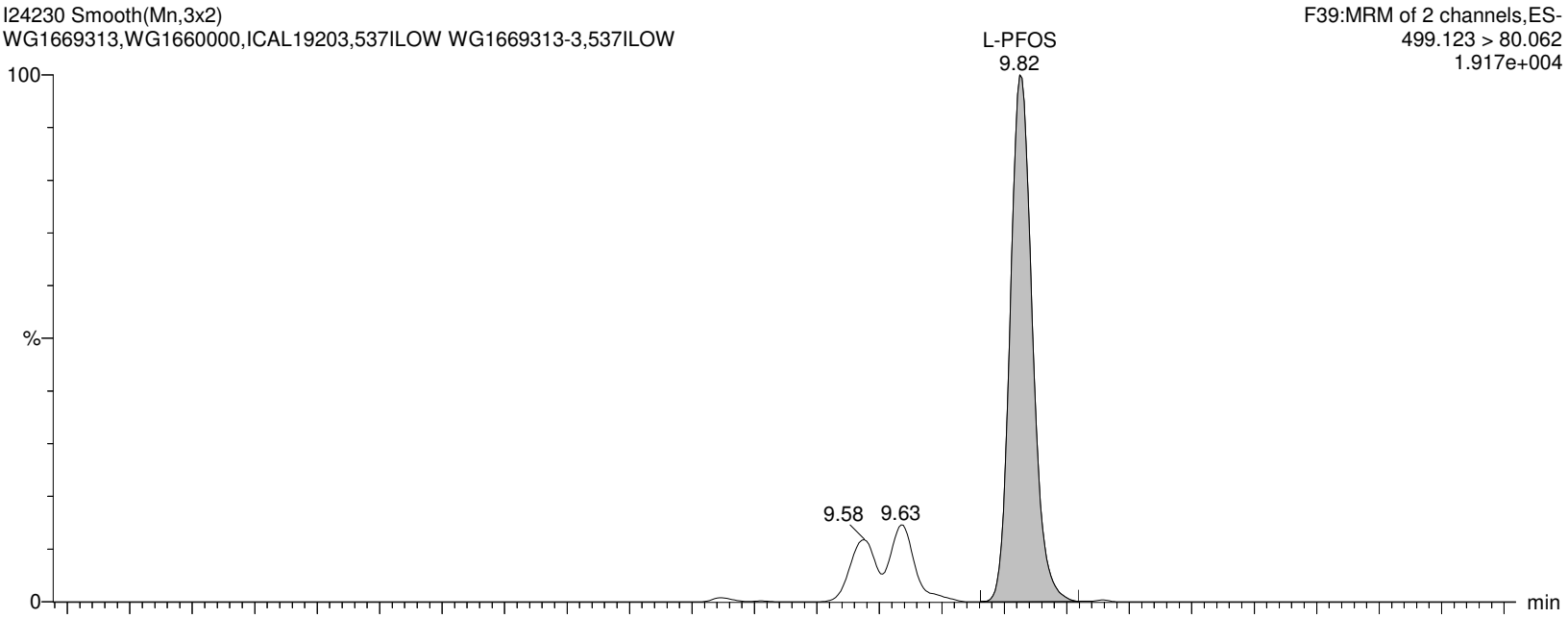


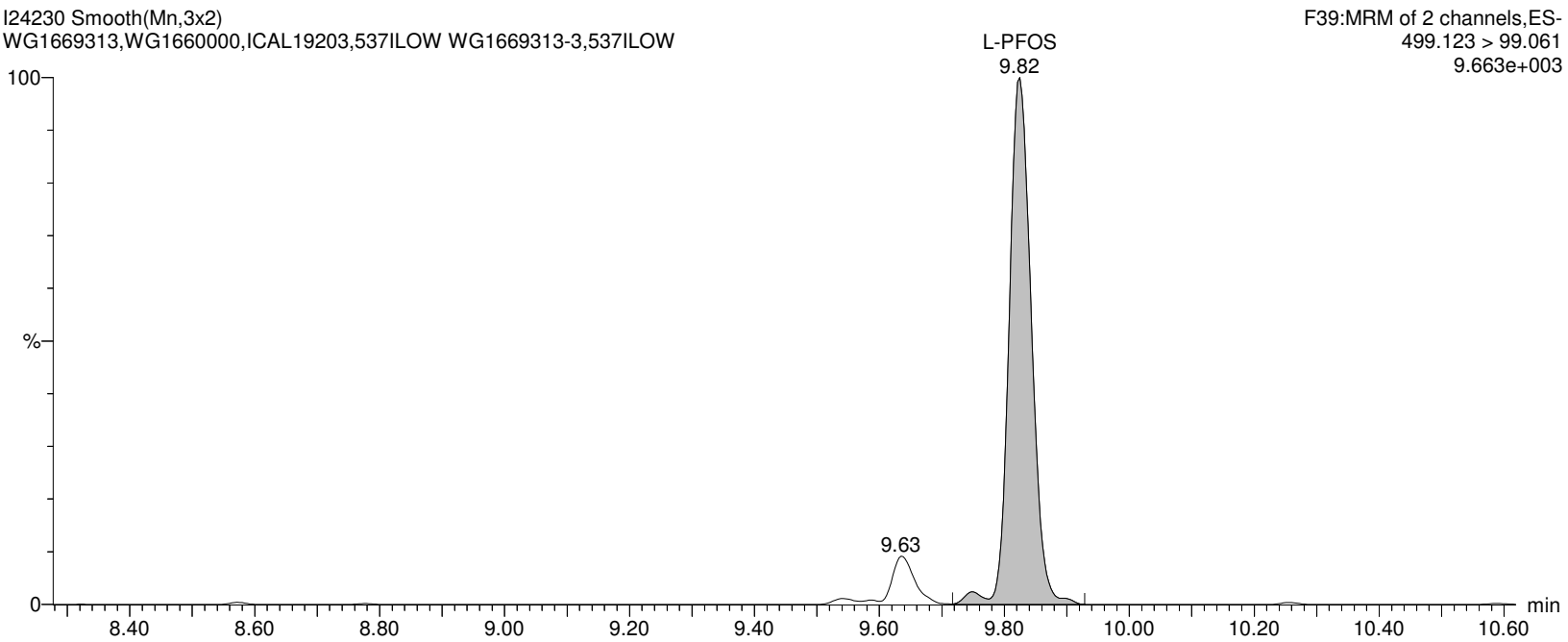
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

L-PFOS



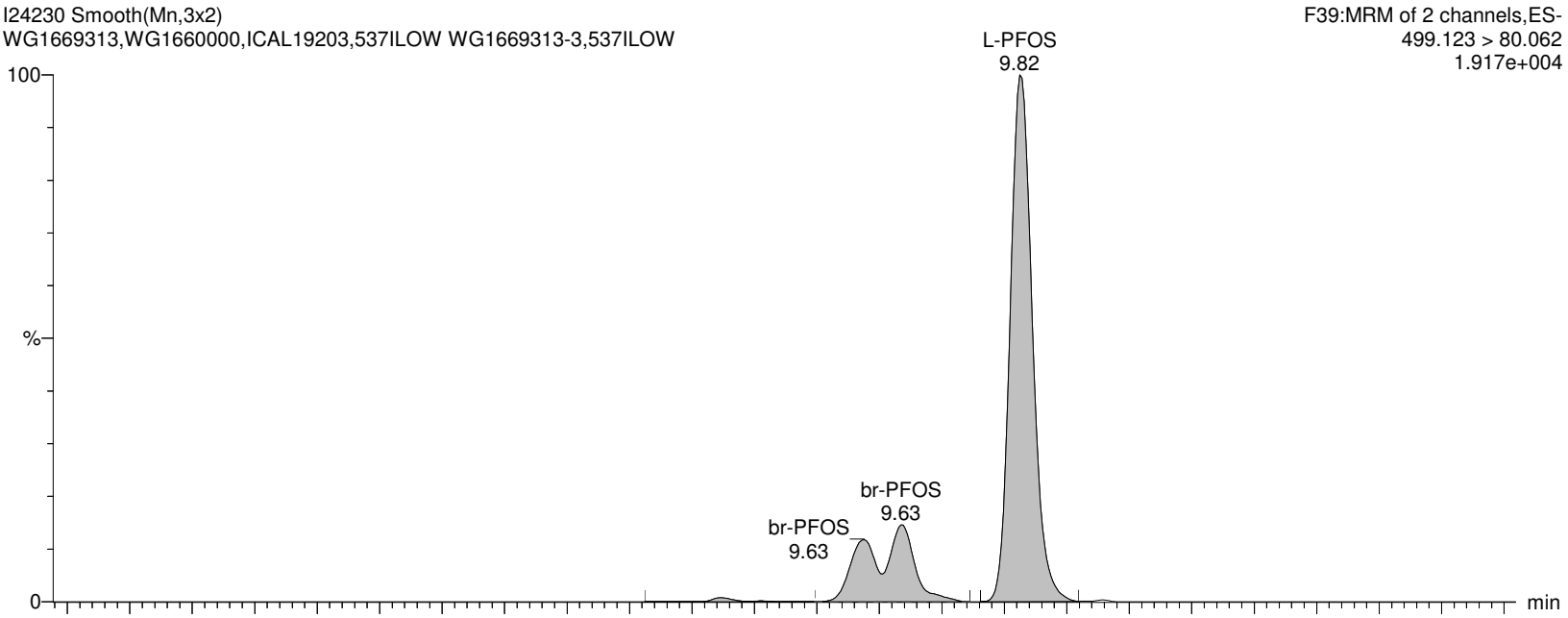


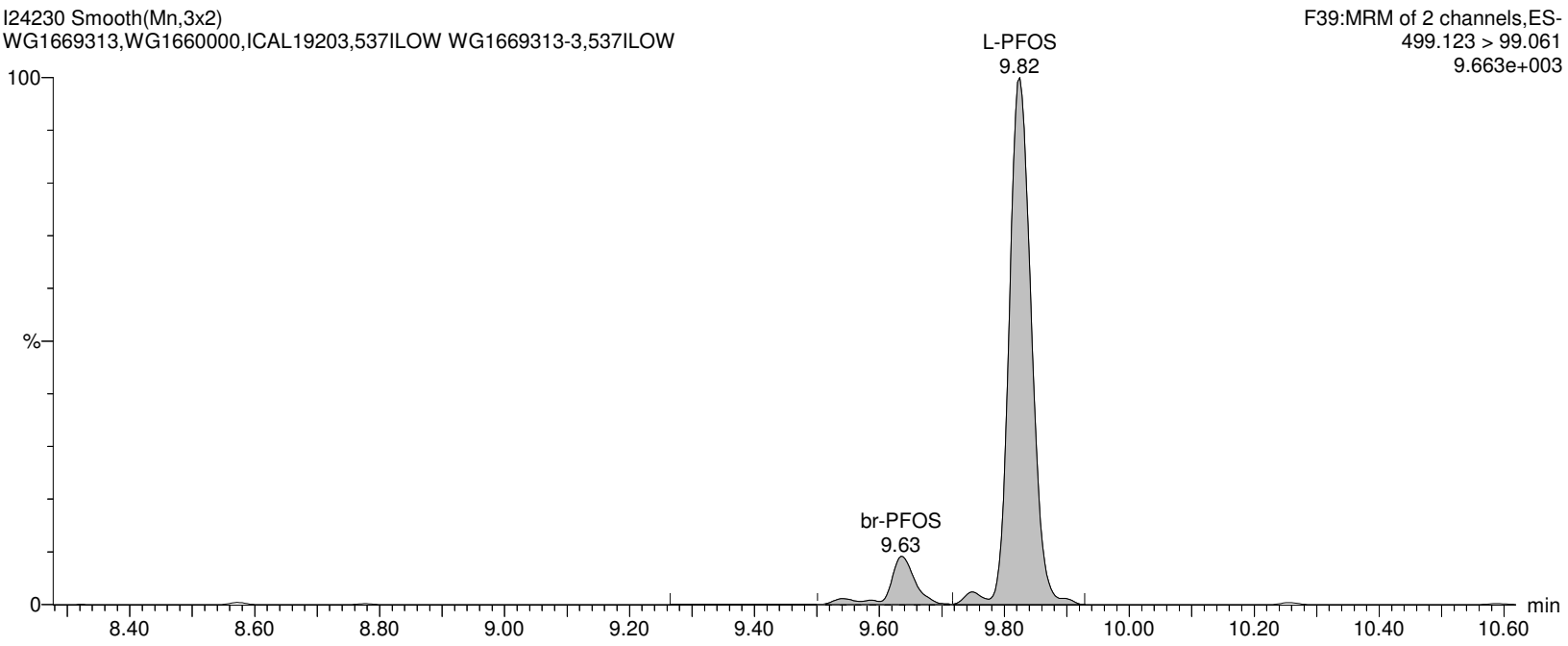
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFOS



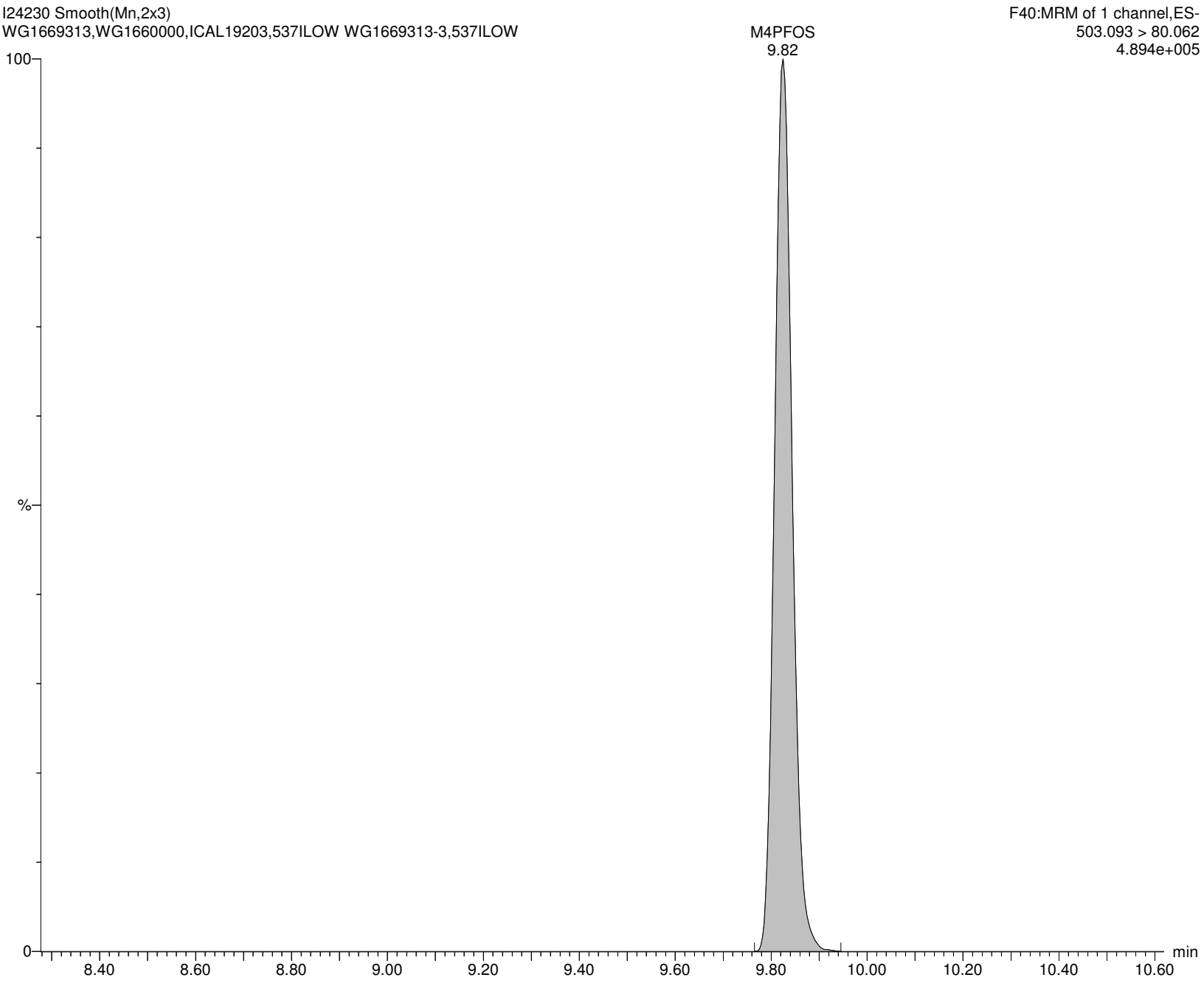


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M4PFOS

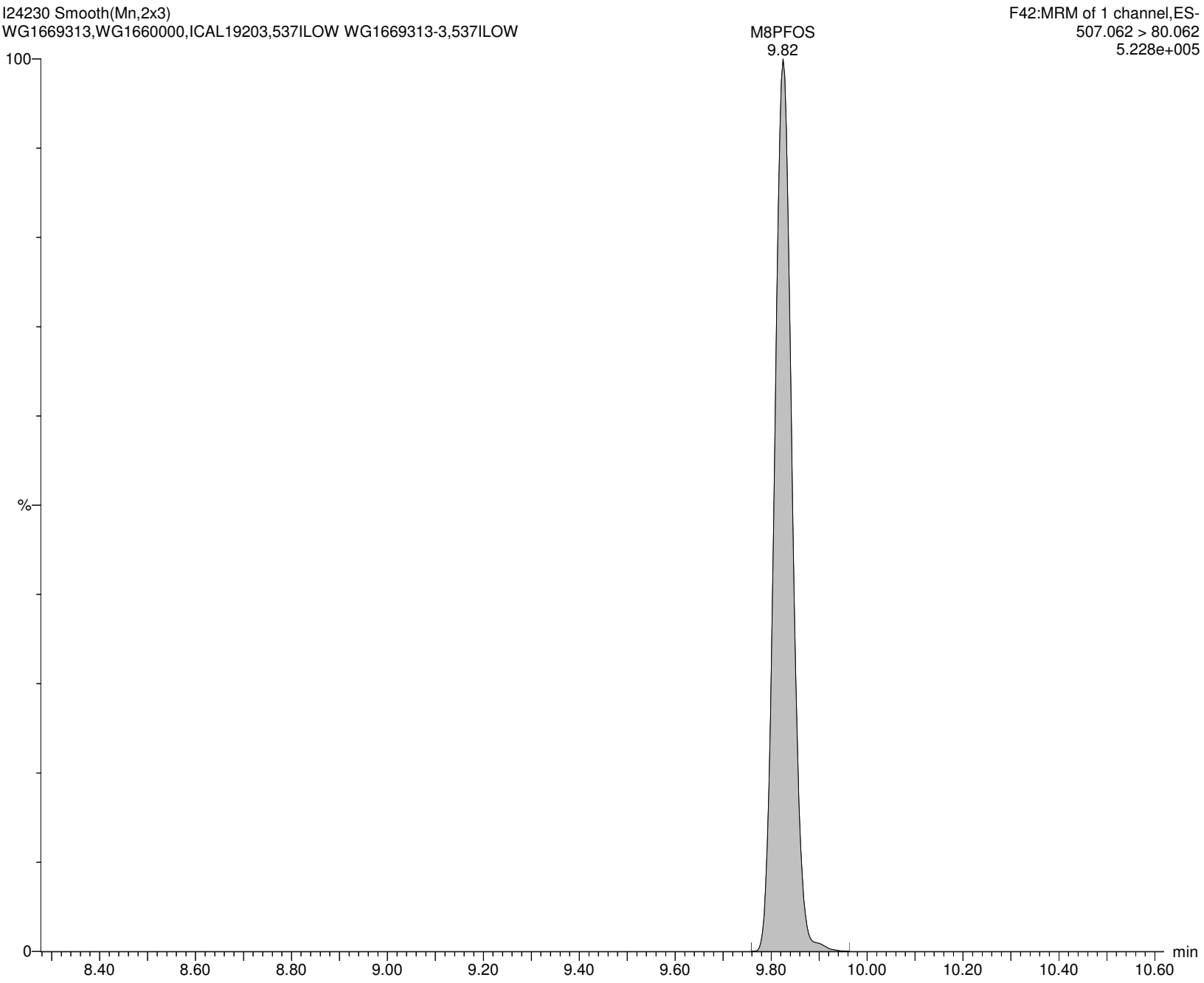


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M8PFOS

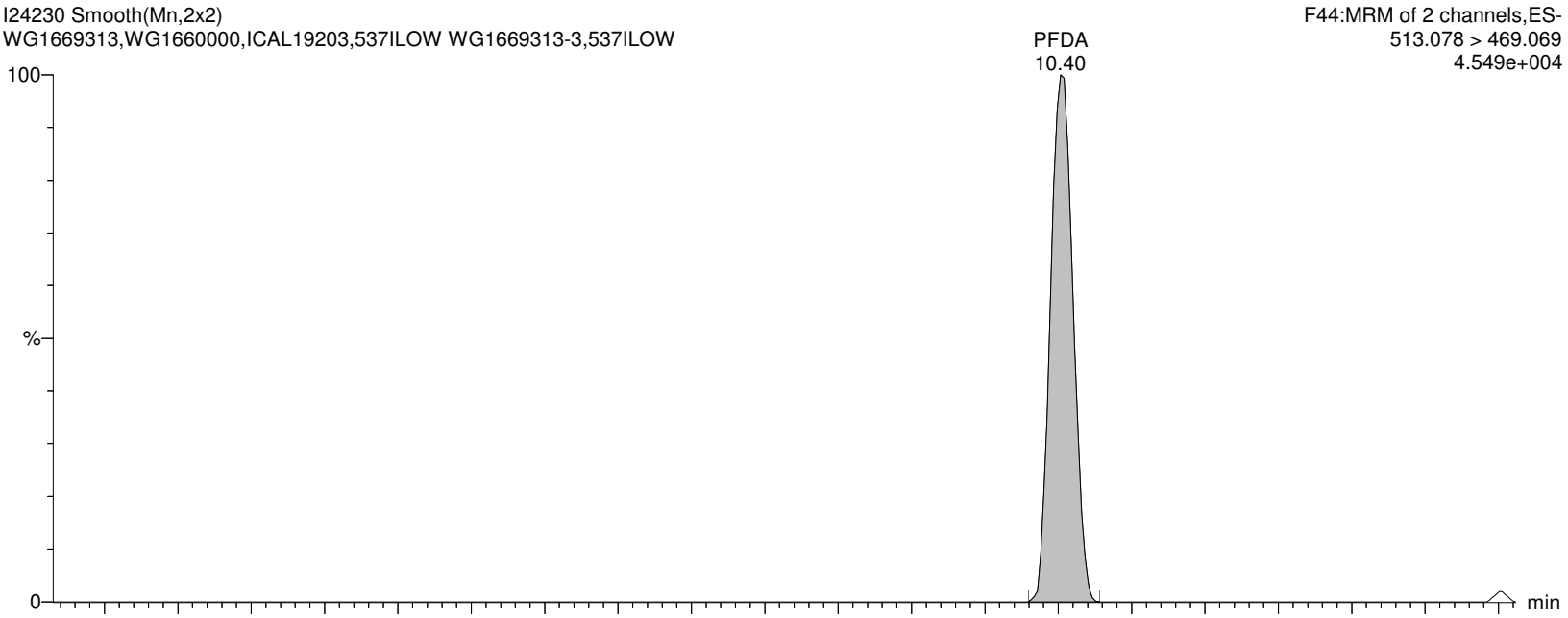


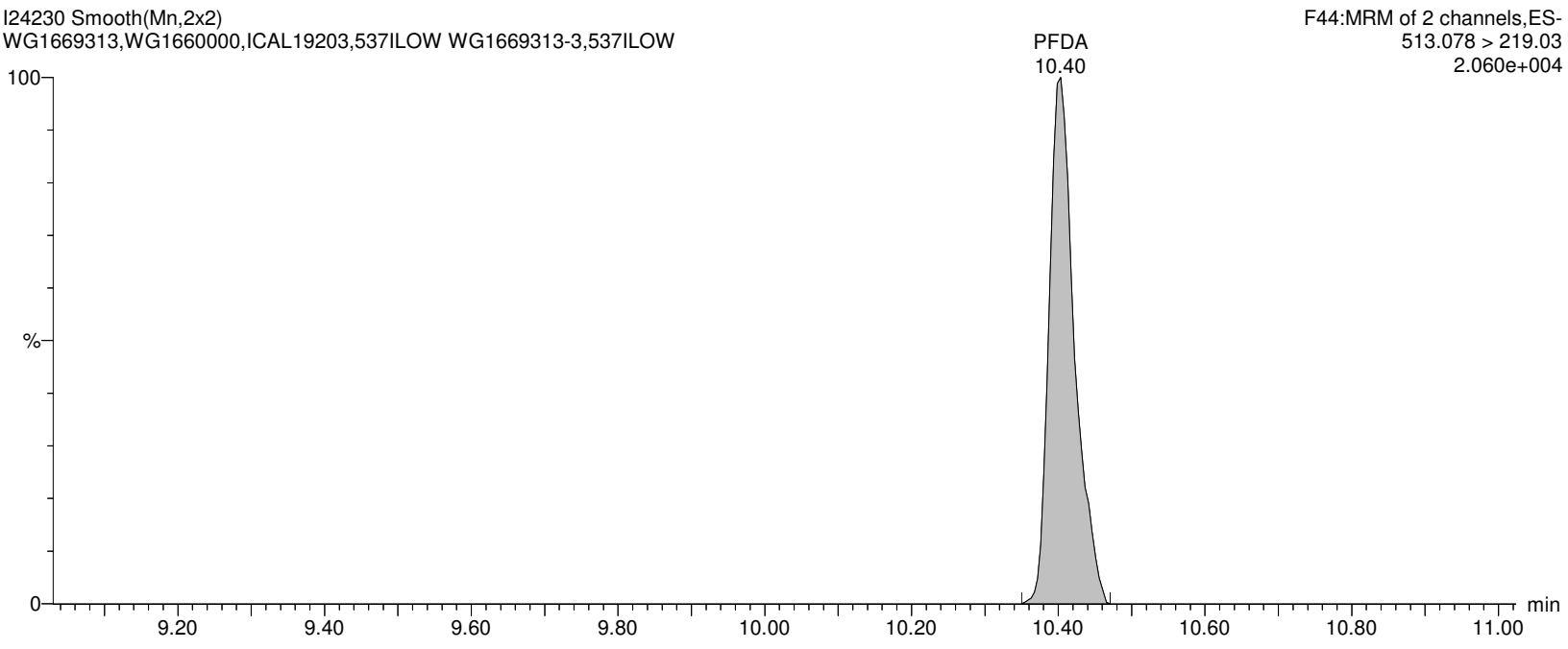
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFDA



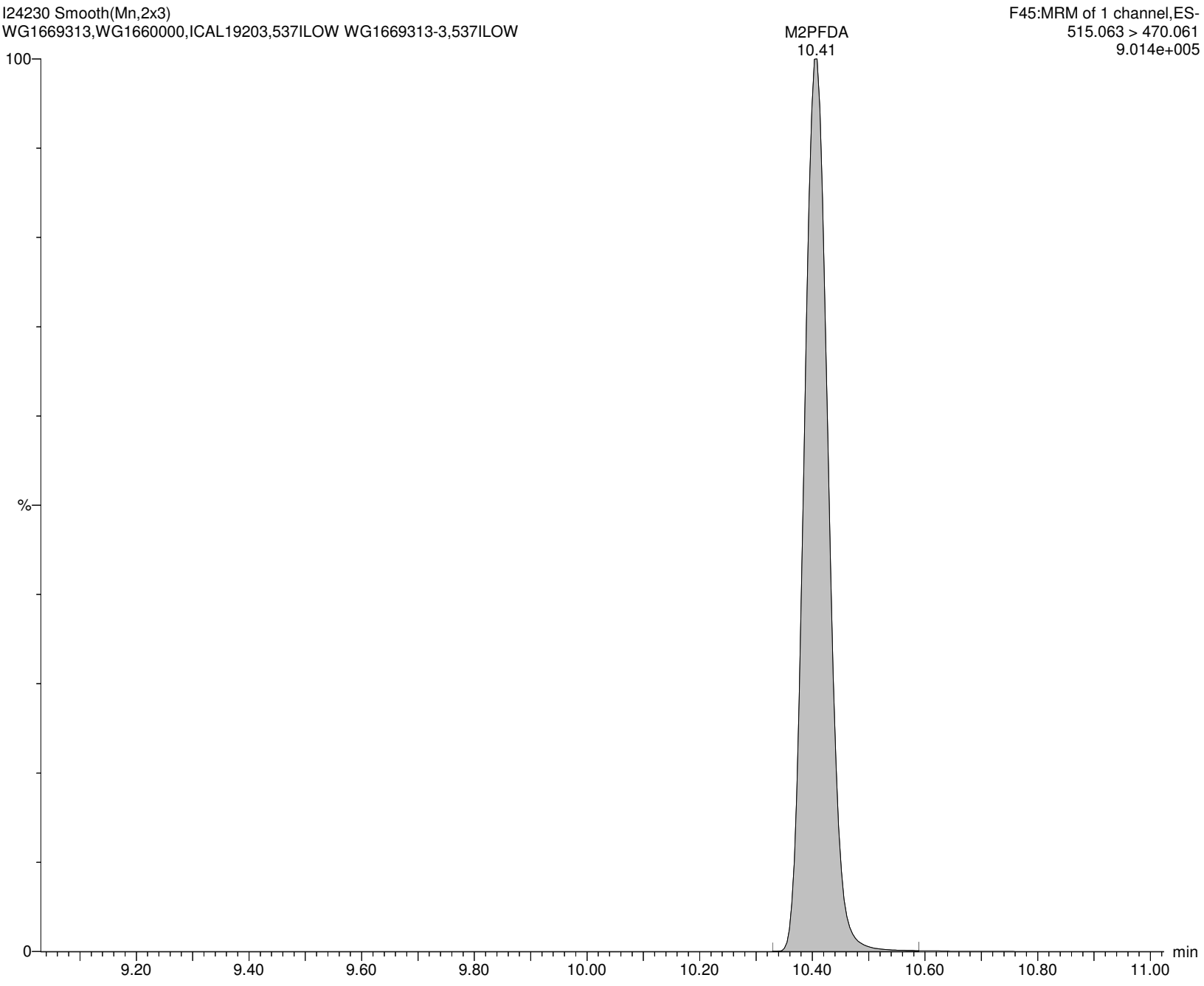


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2PFDA

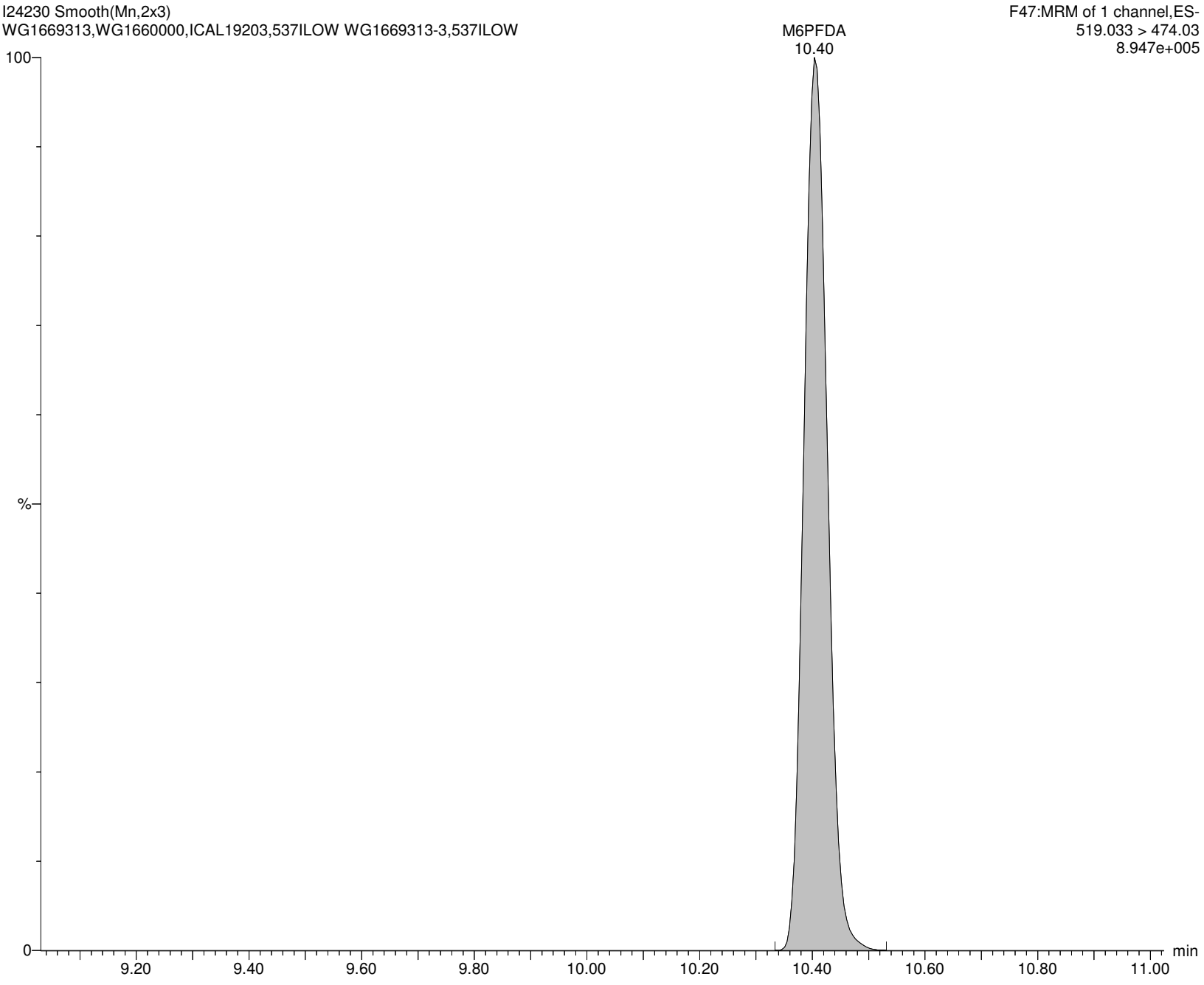


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M6PFDA

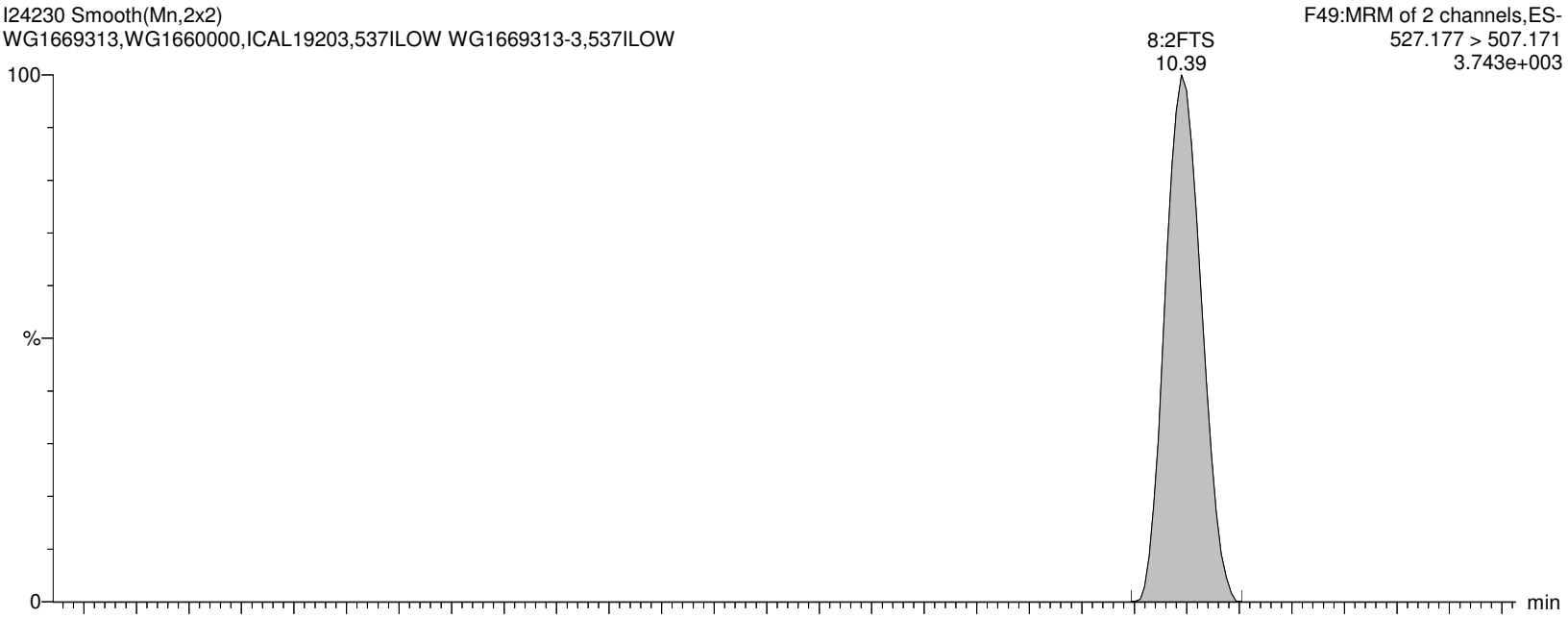


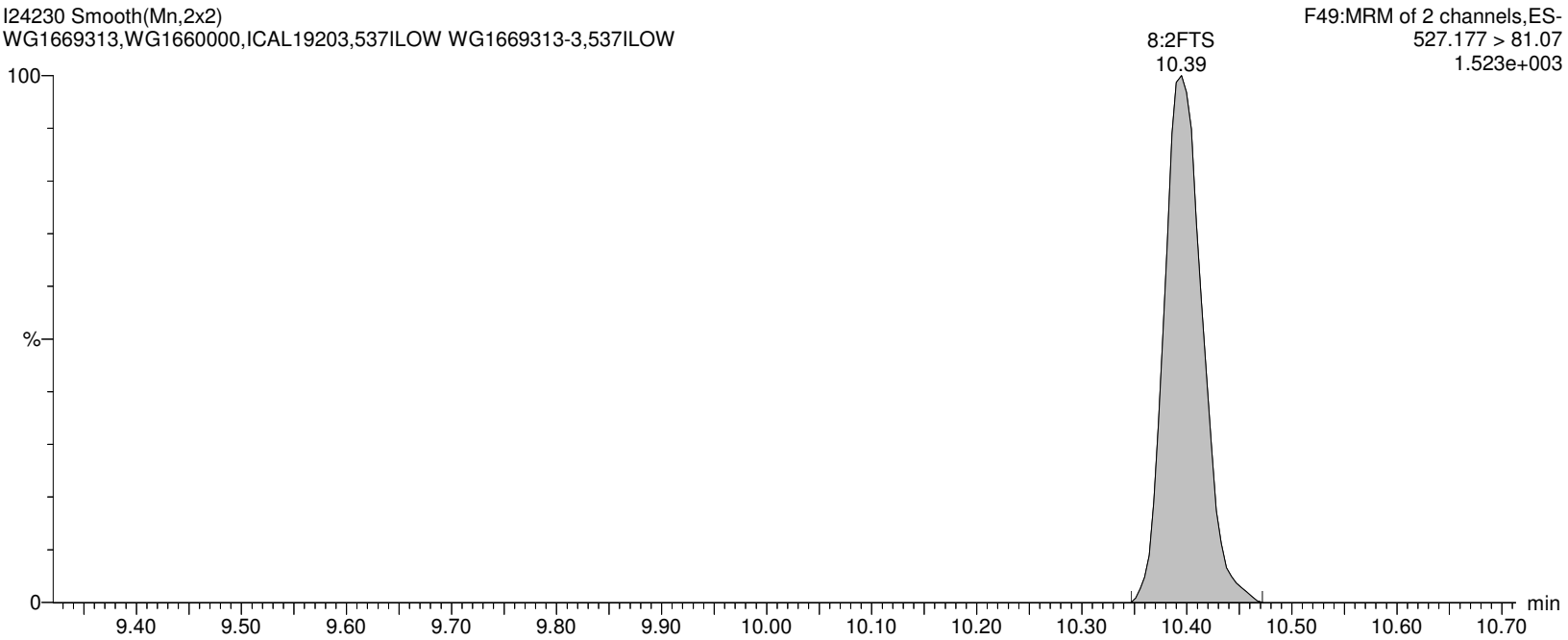
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

8:2FTS



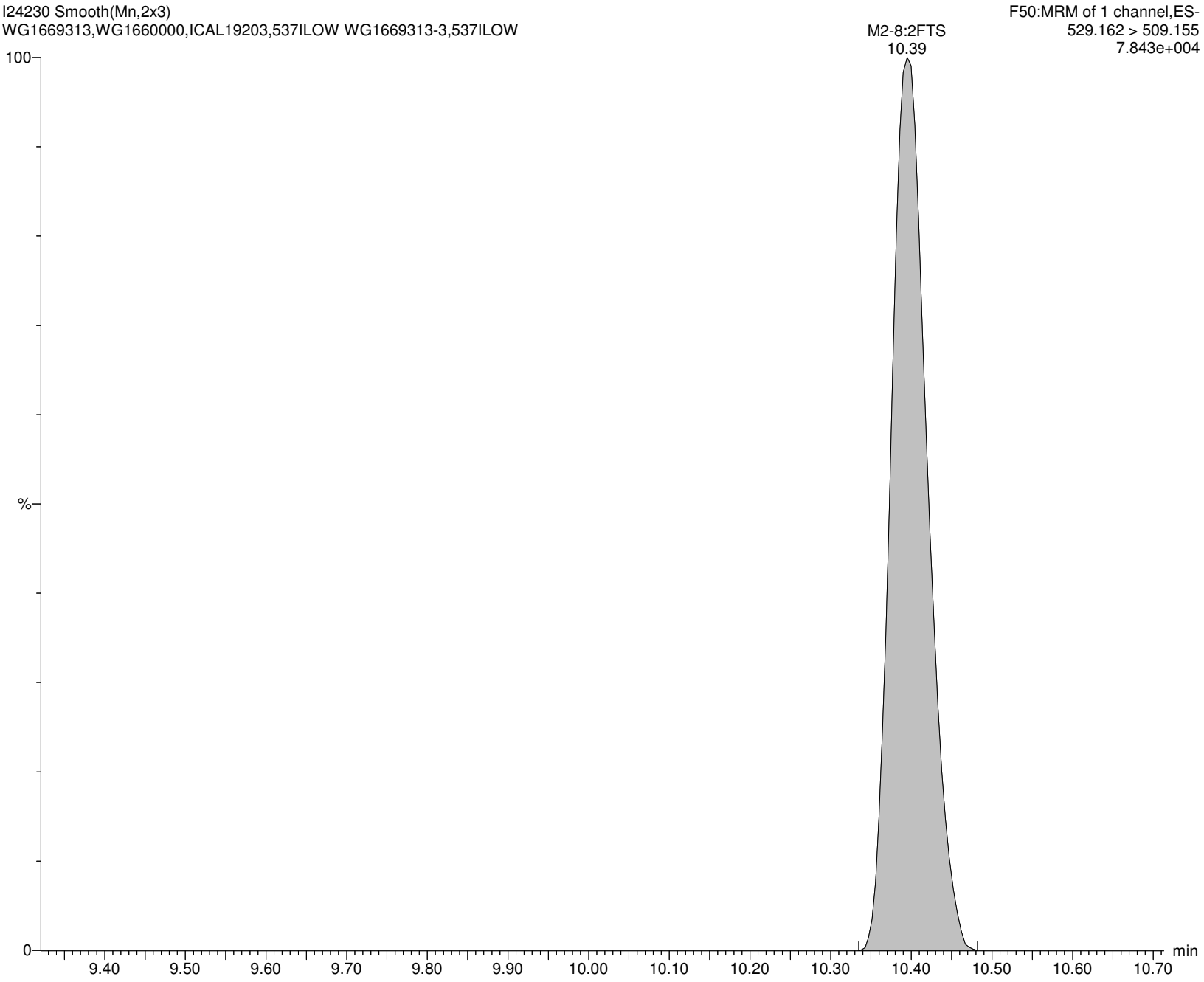


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2-8:2FTS

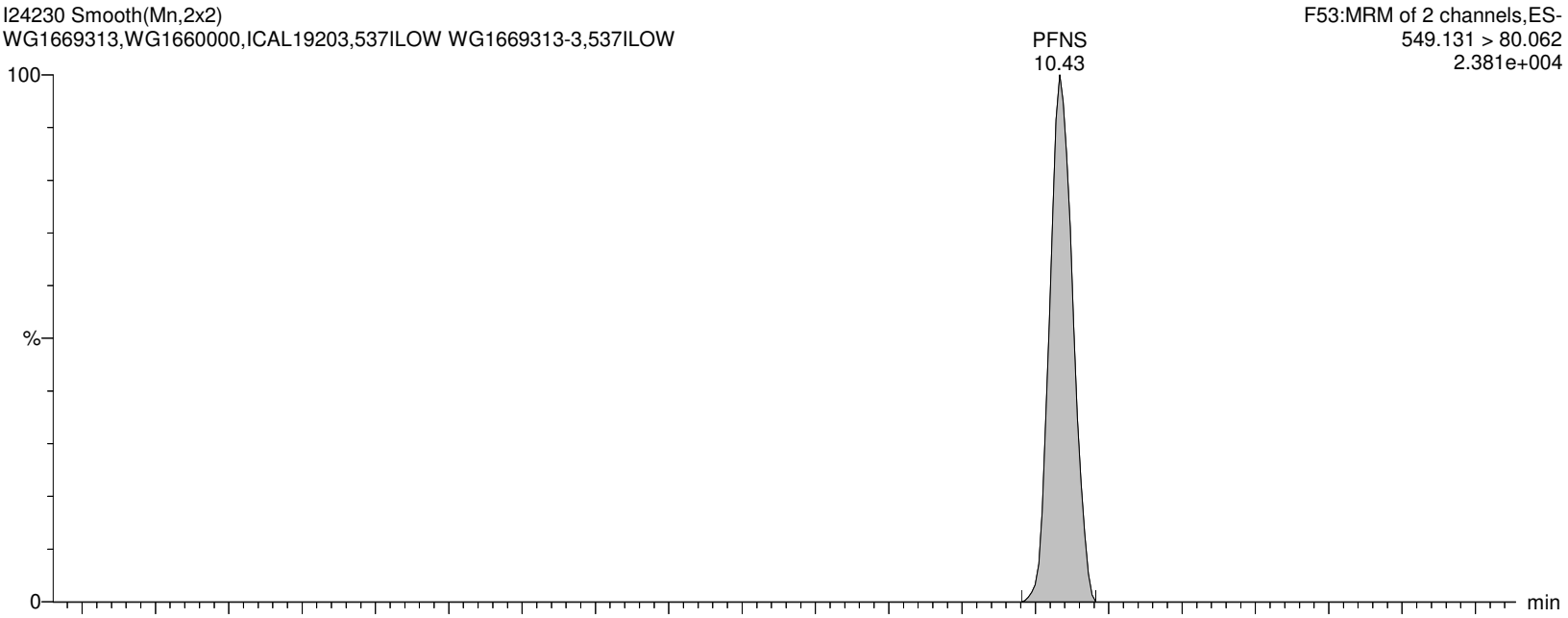


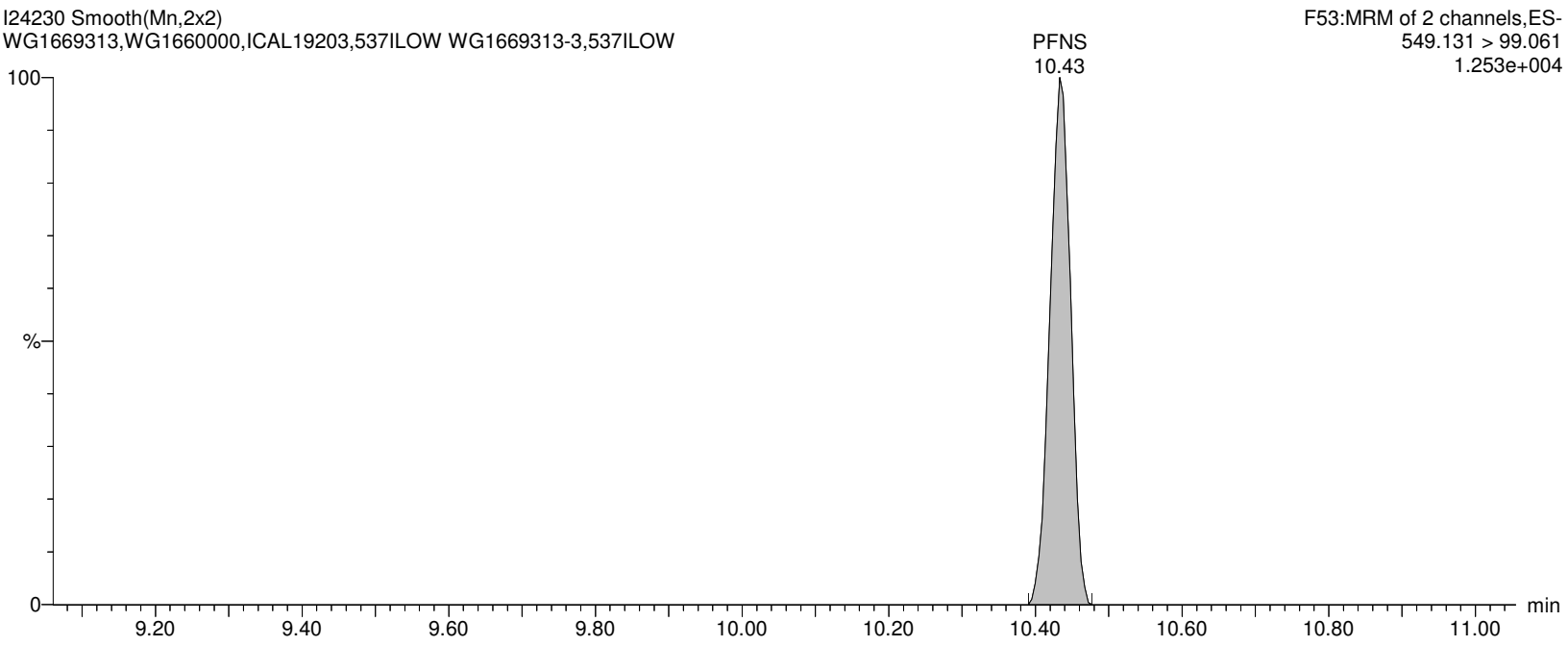
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFNS



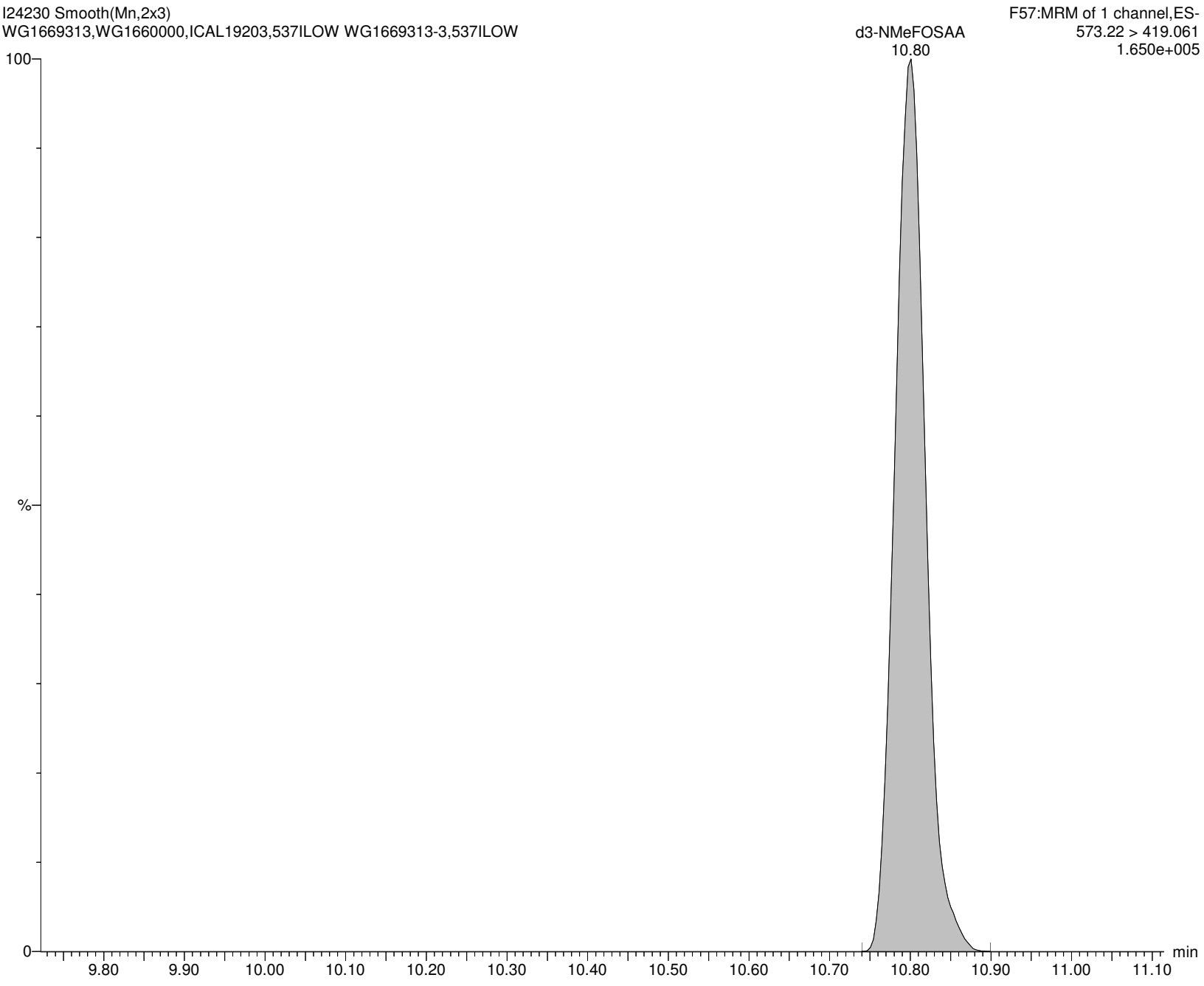


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

d3-NMeFOSAA

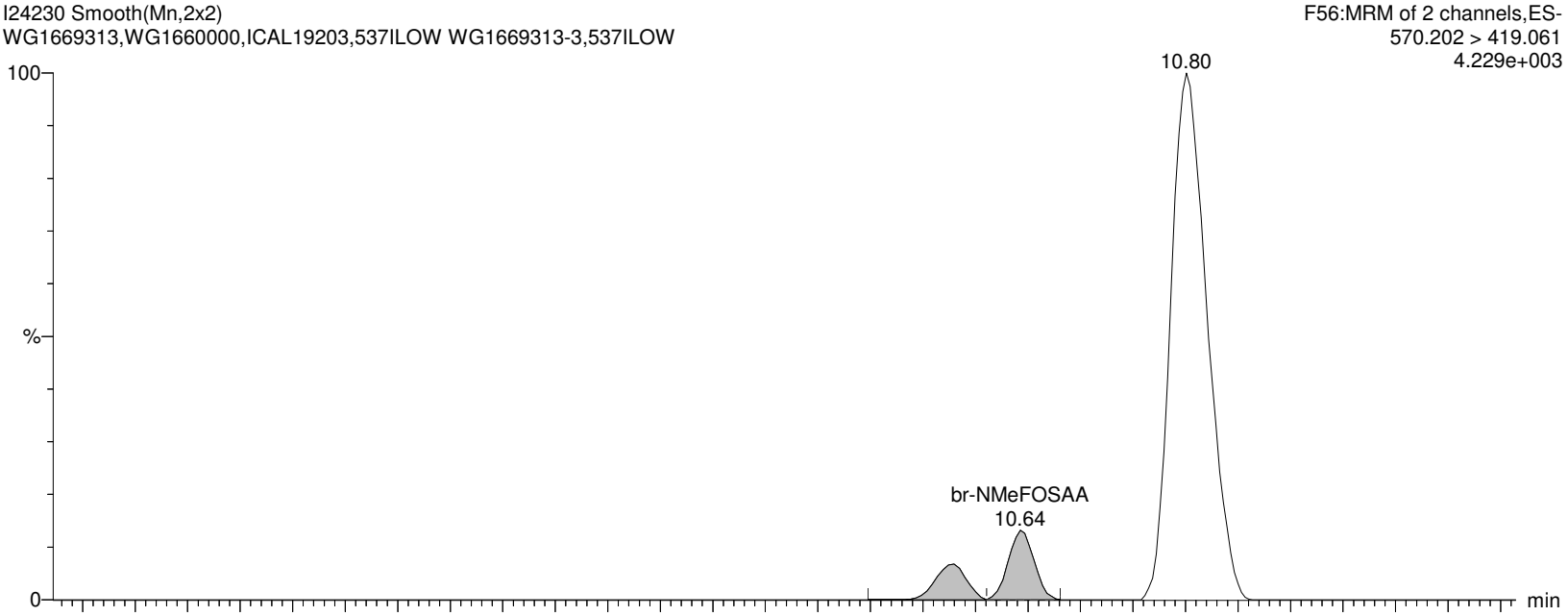


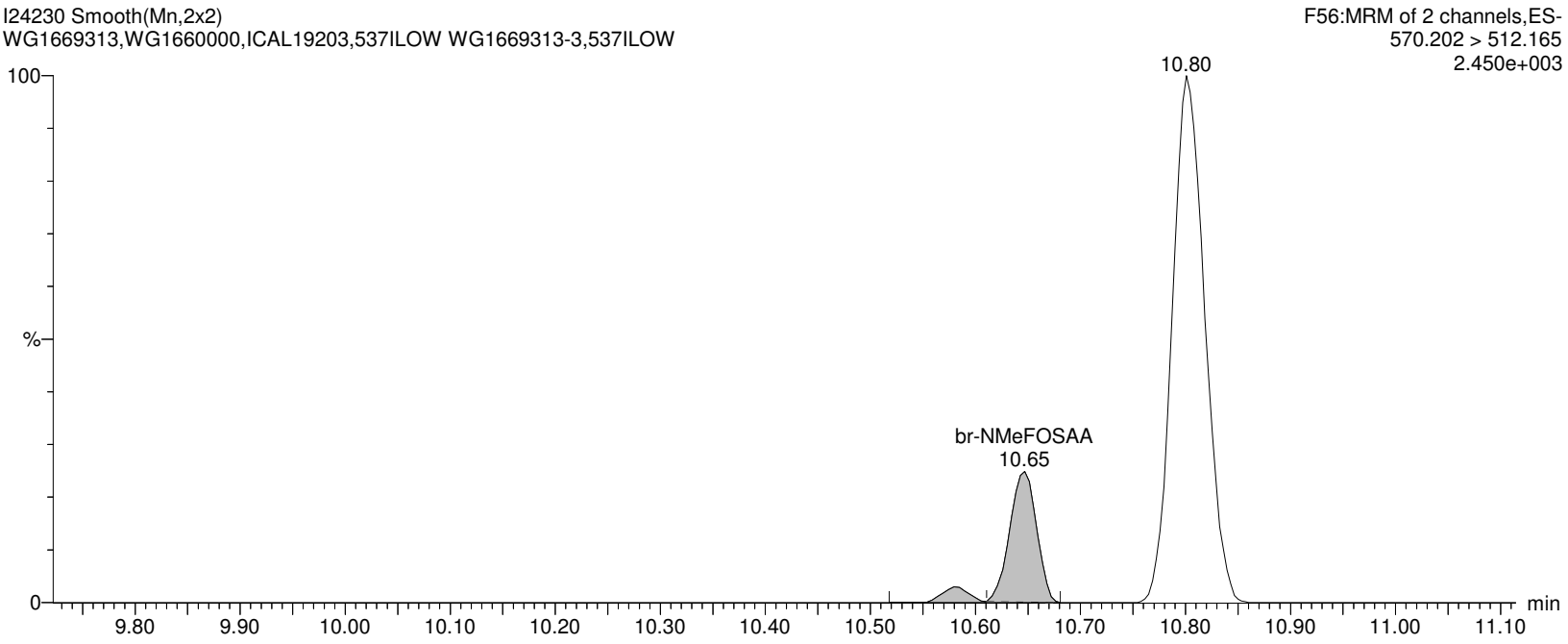
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

br-NMeFOSAA



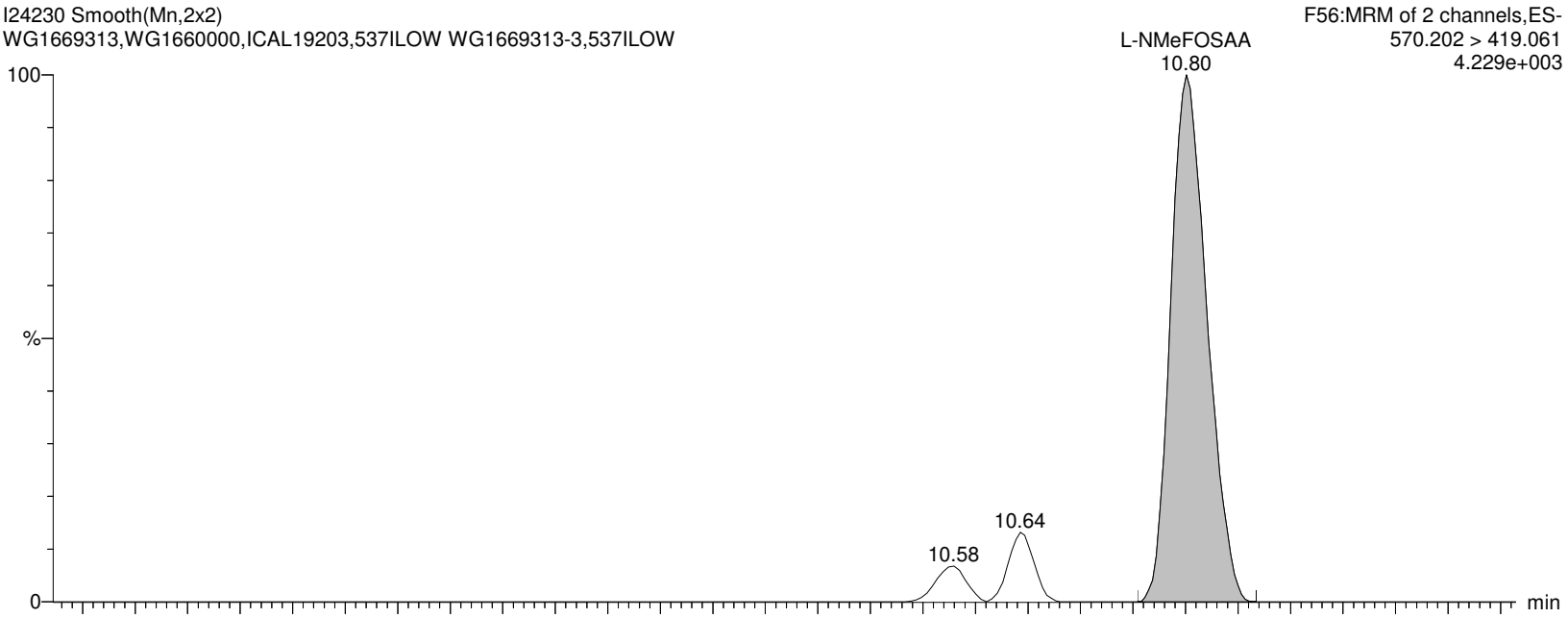


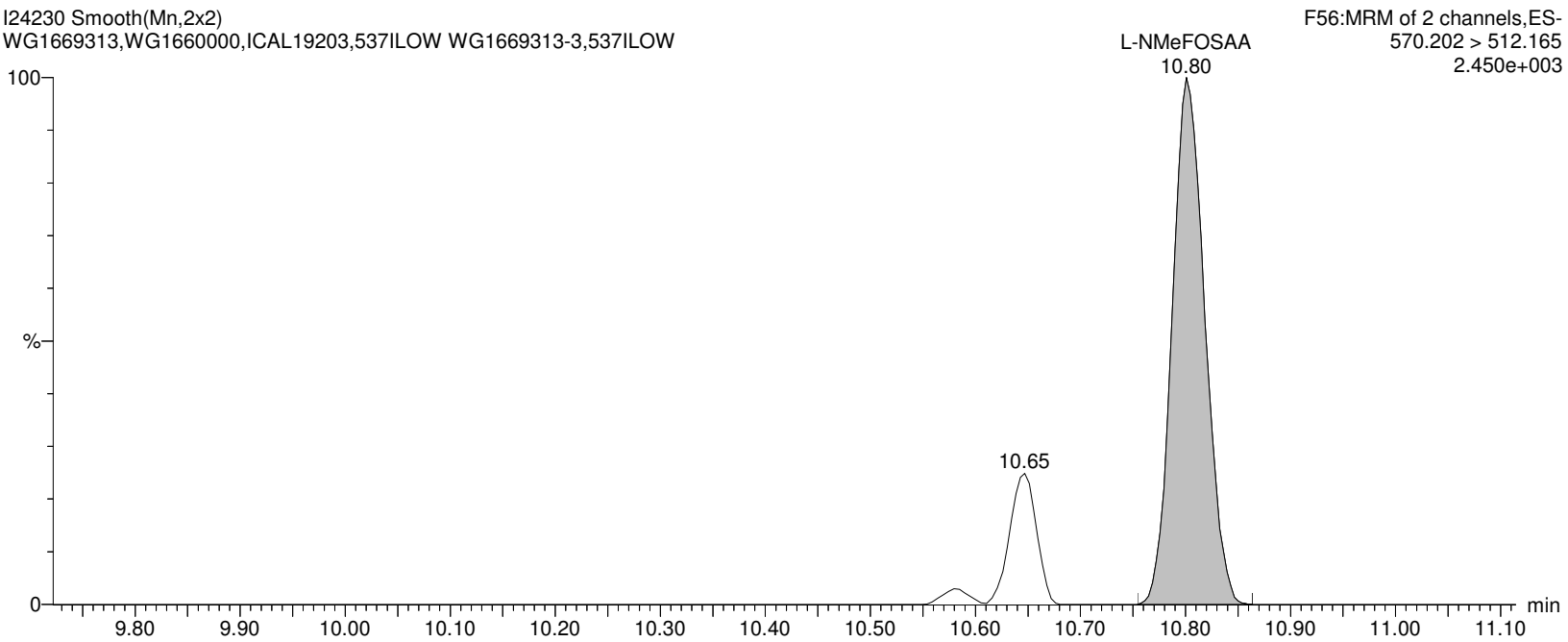
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

L-NMeFOSAA



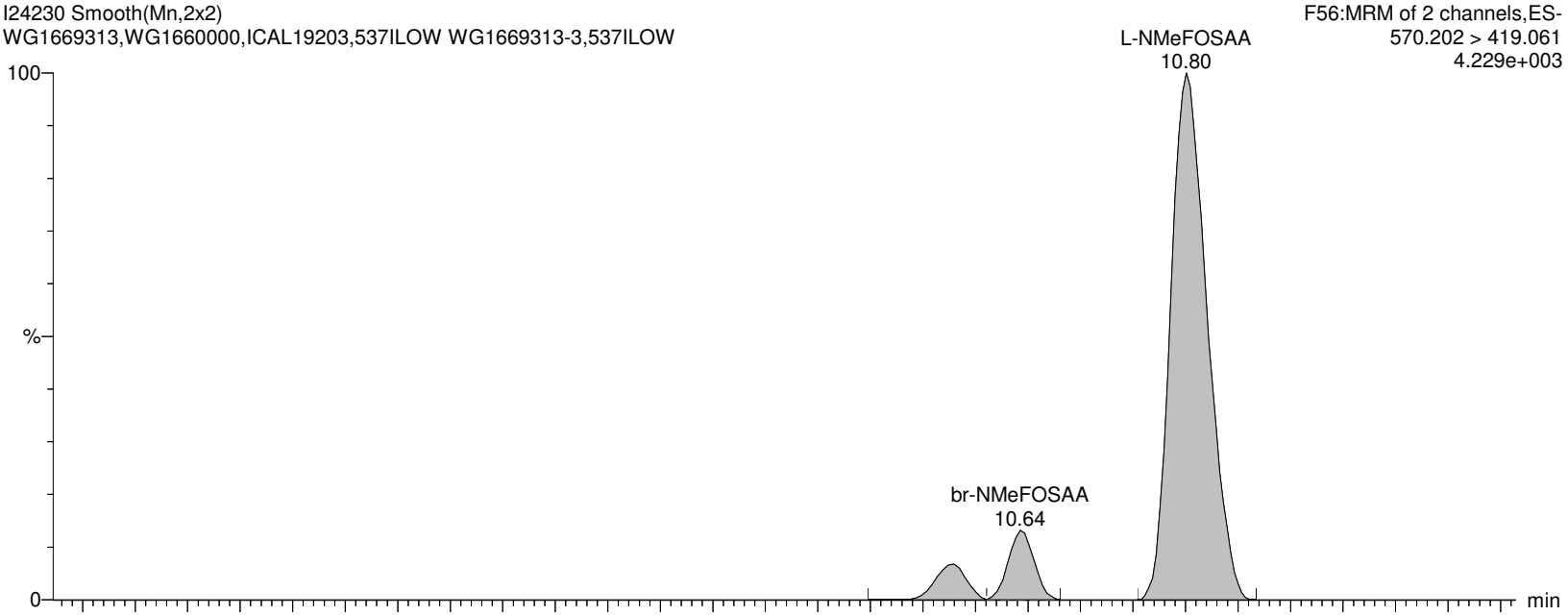


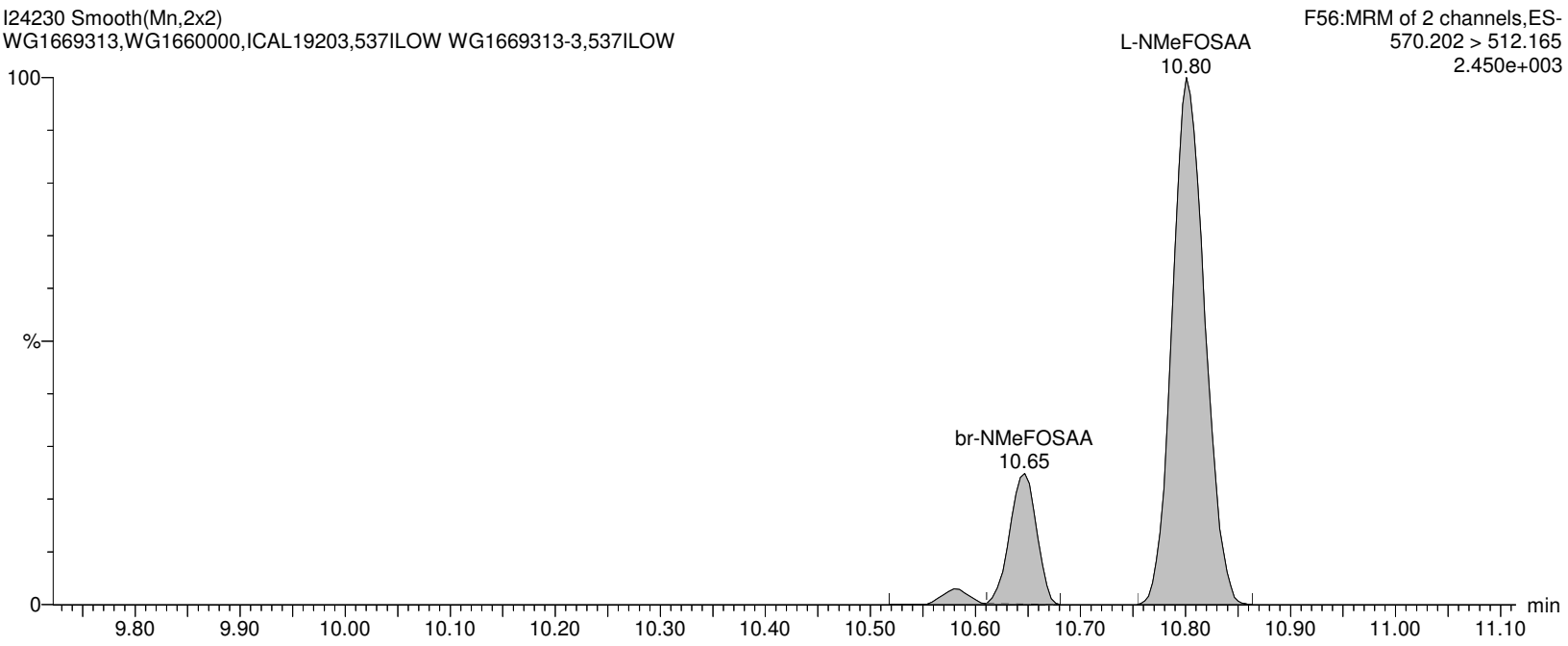
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

NMeFOSAA



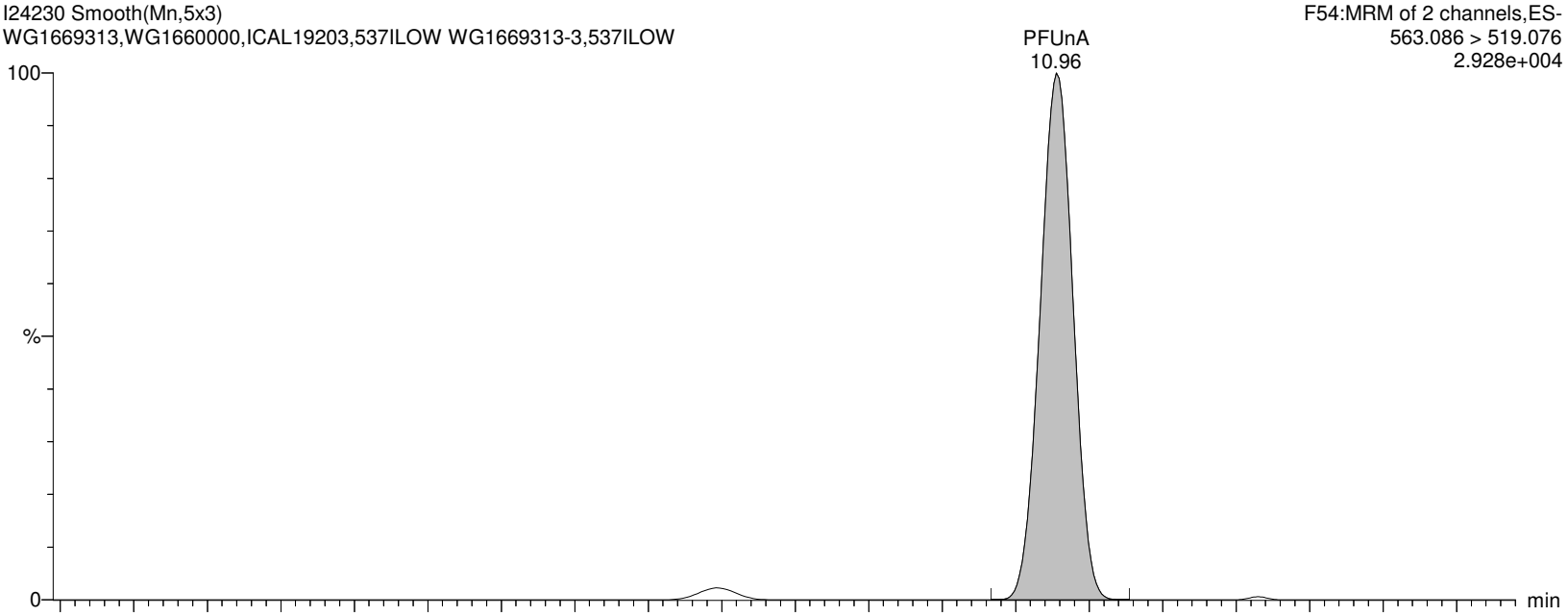


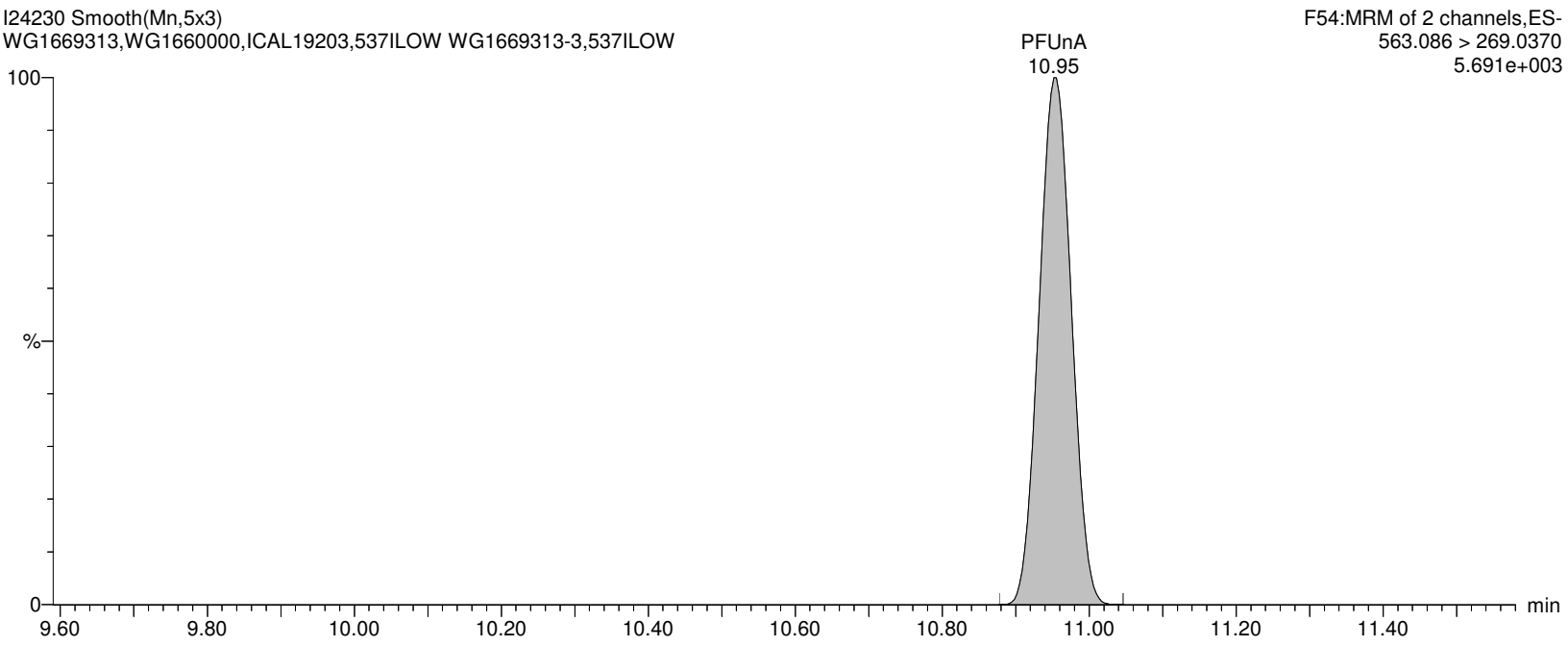
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFUnA



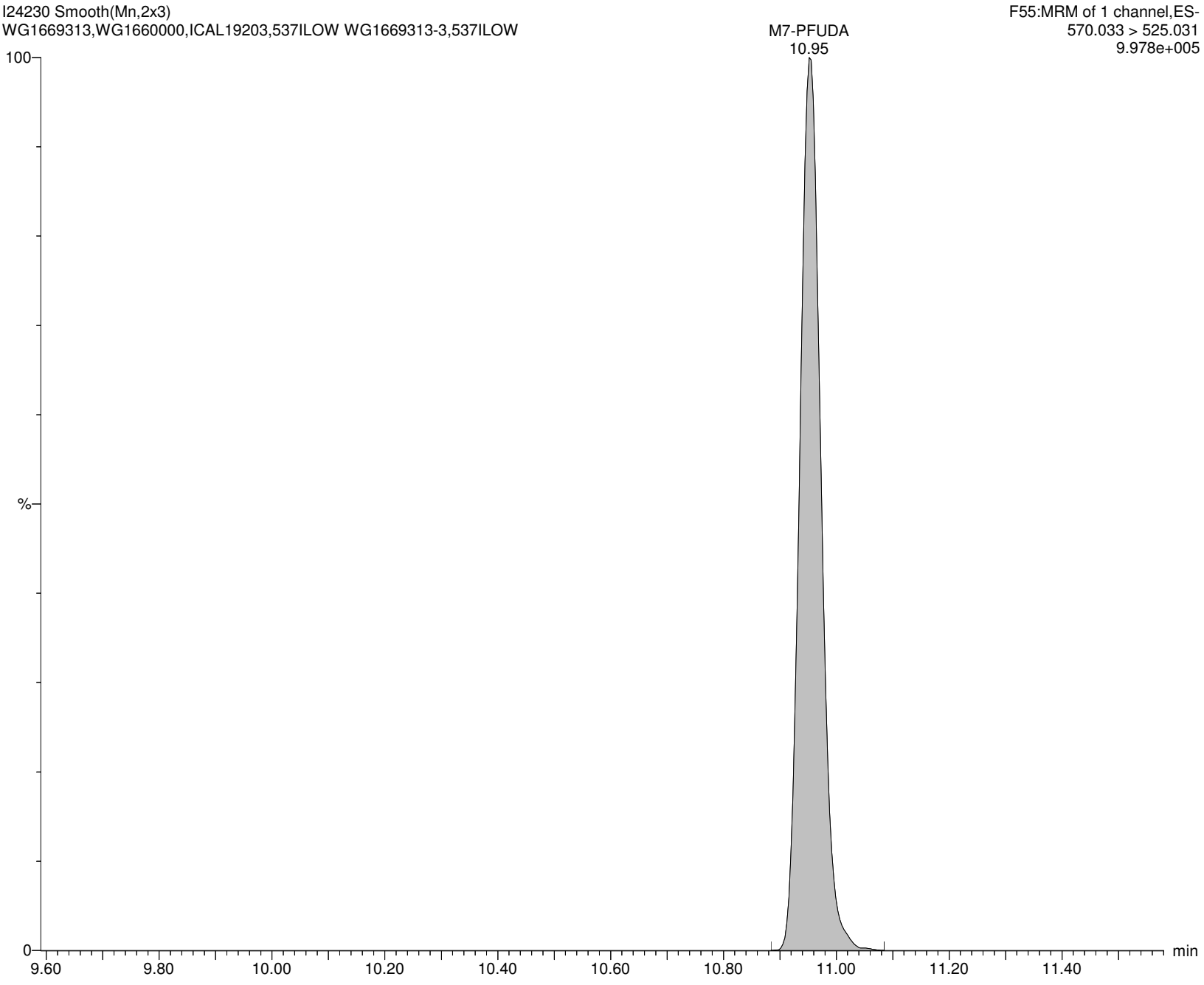


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M7-PFUDA

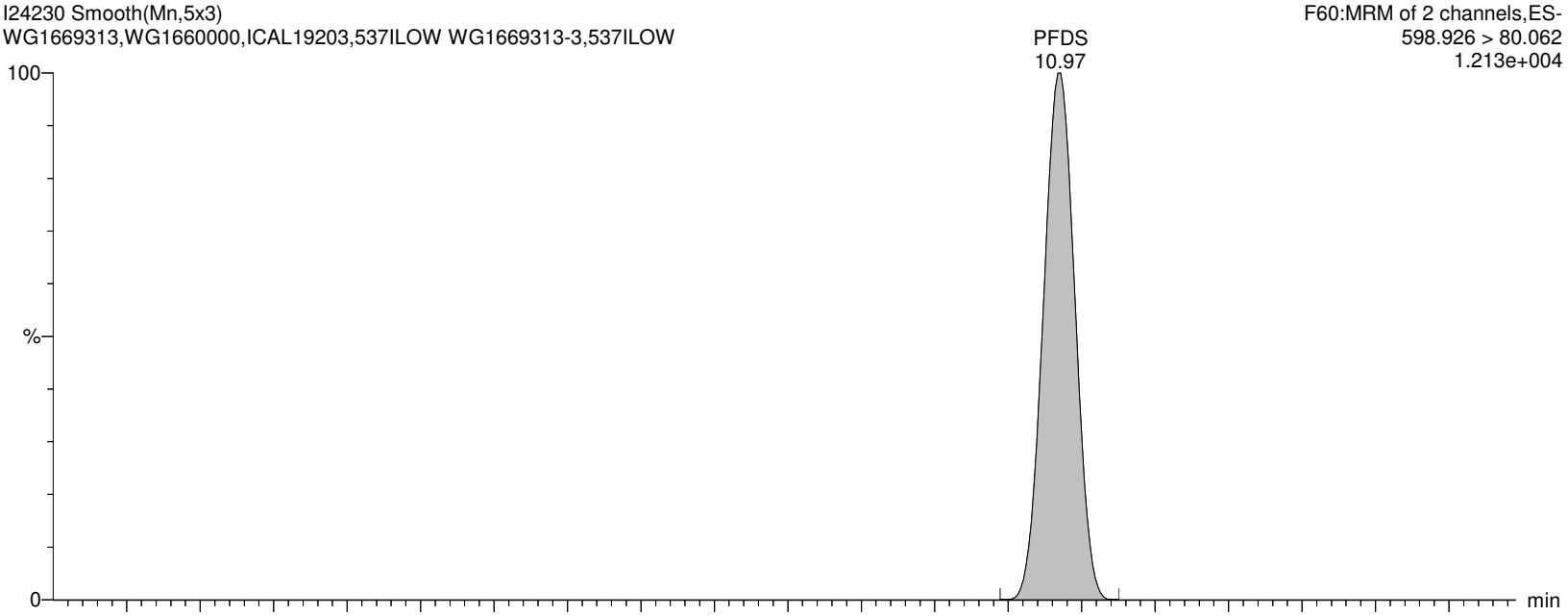


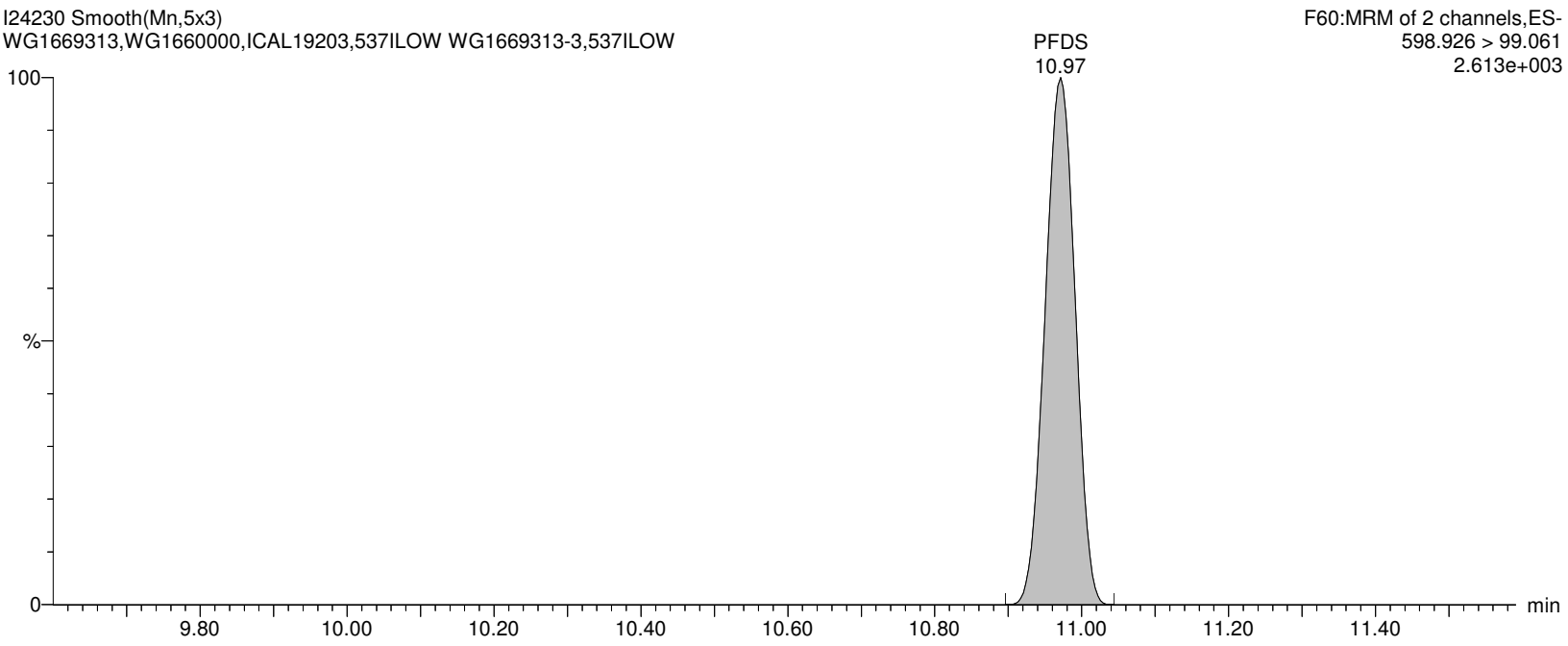
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFDS



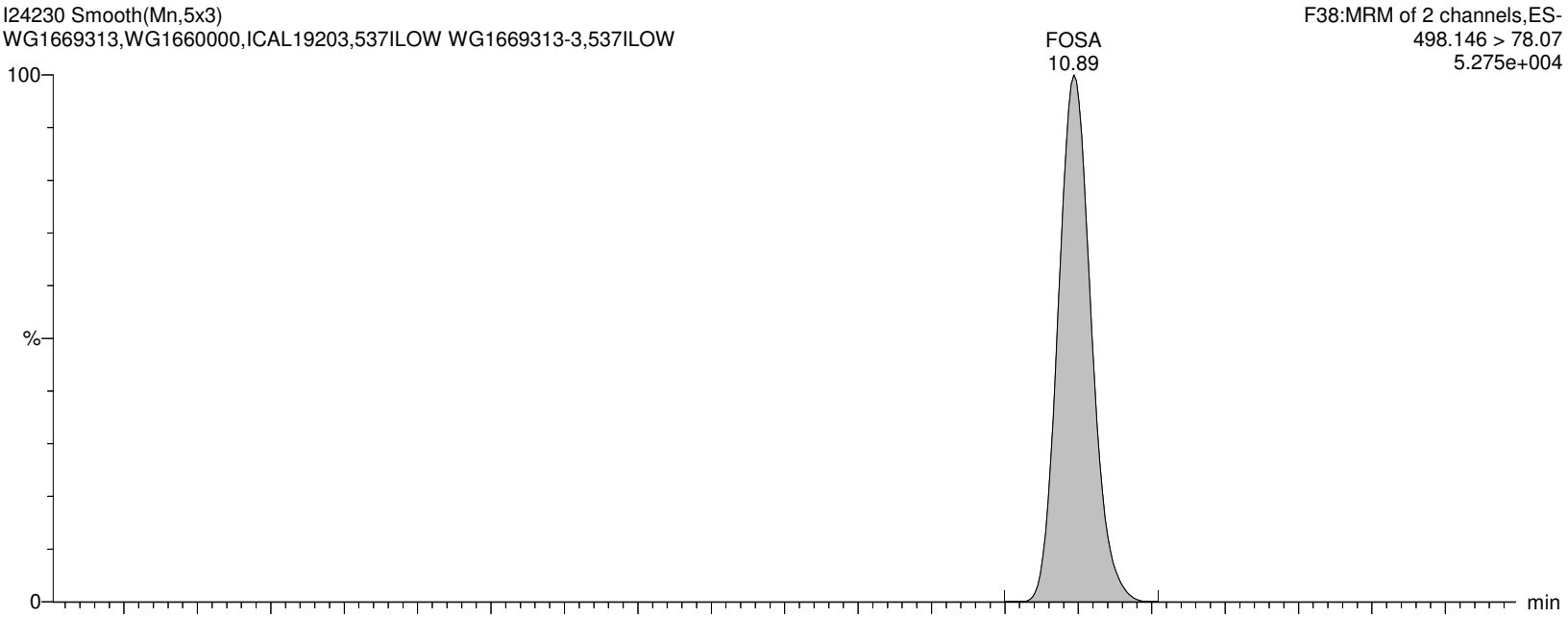


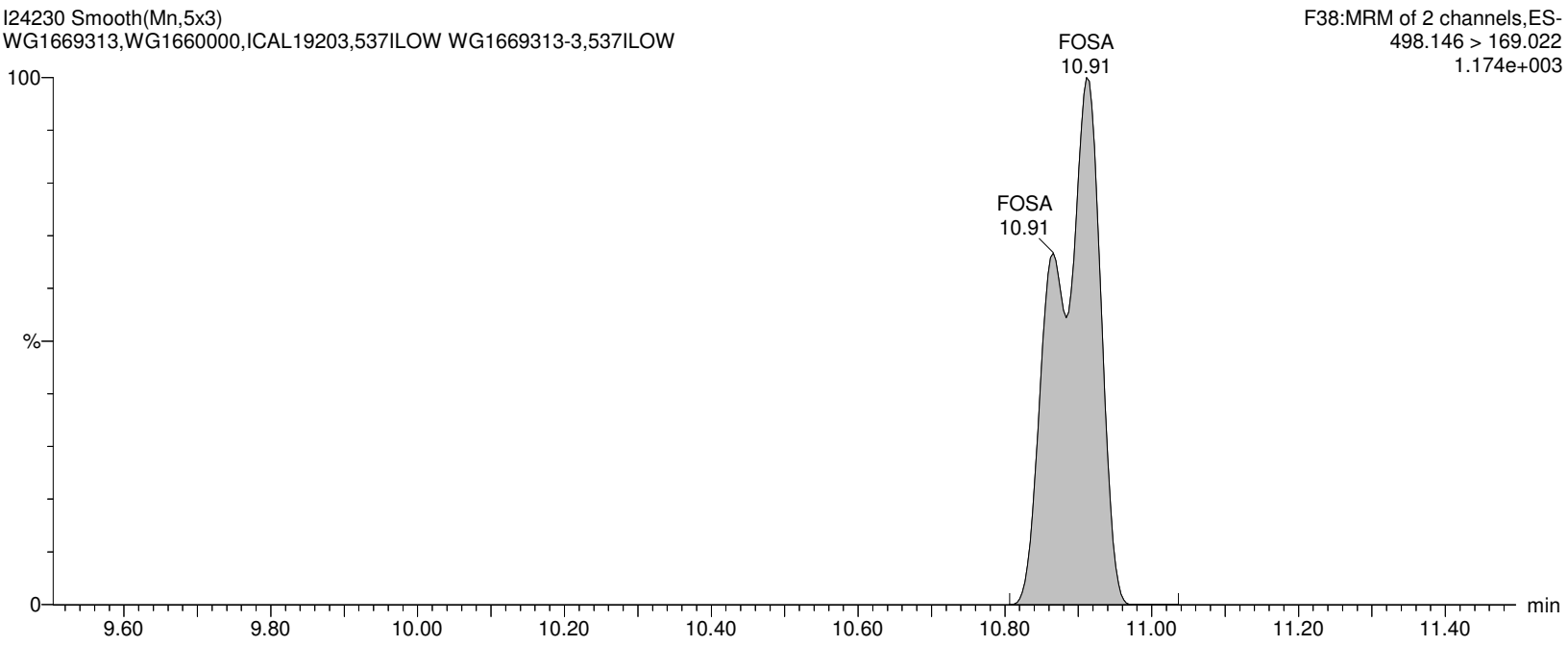
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

FOSA



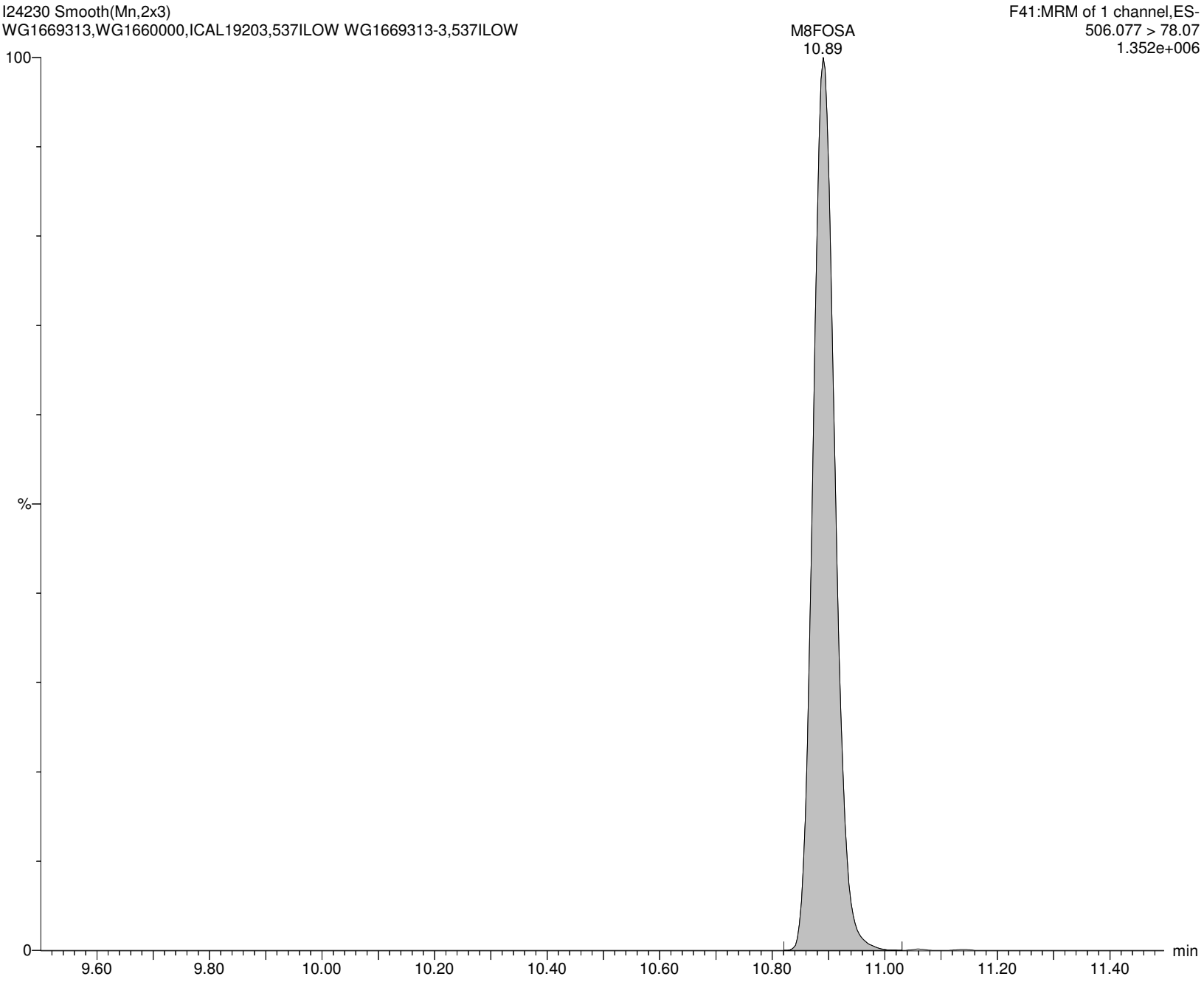


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M8FOSA

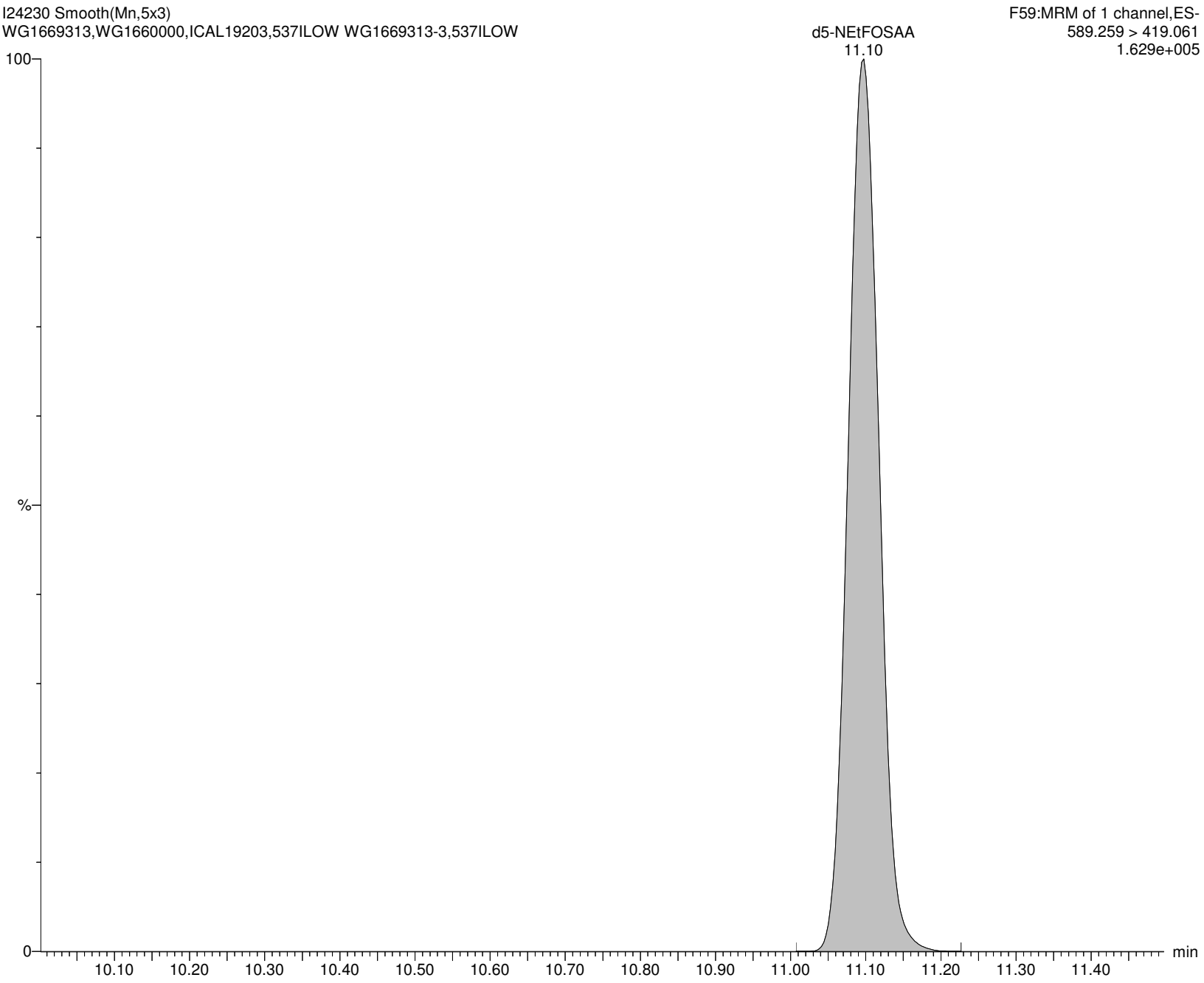


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

d5-NEtFOSAA

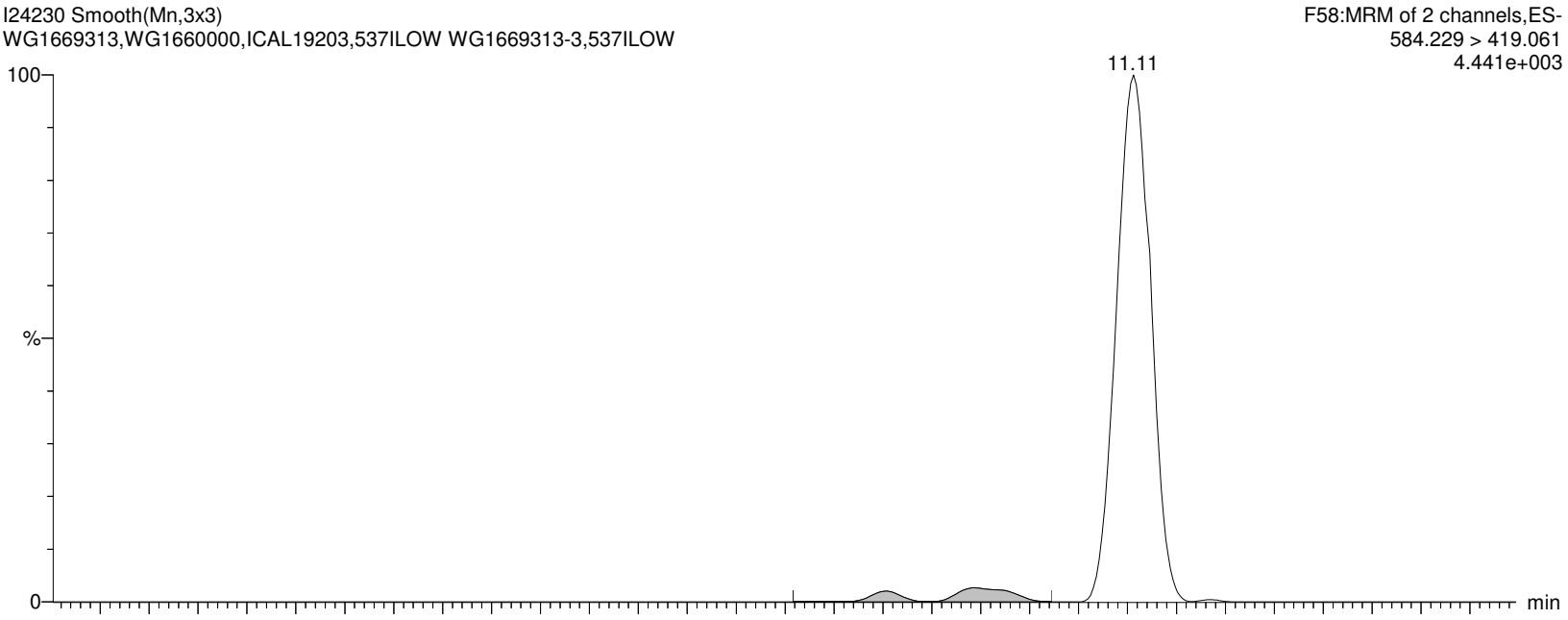


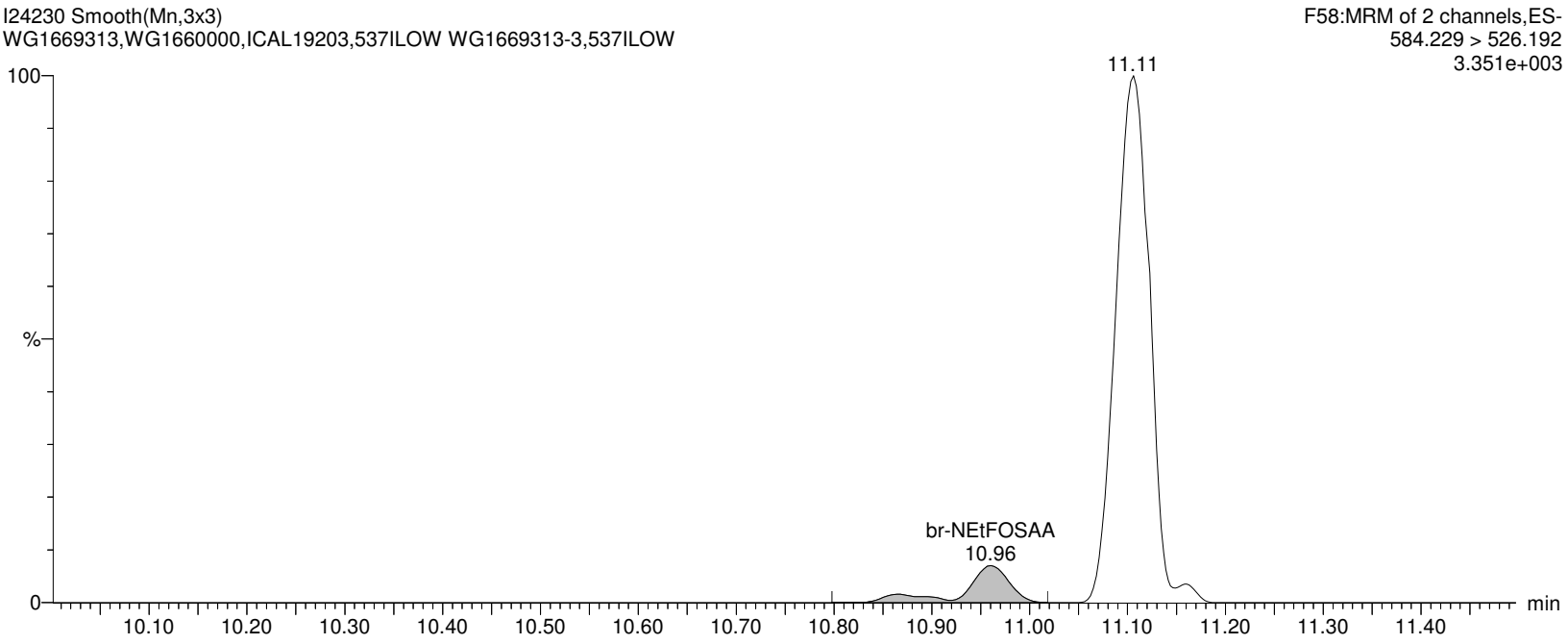
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

br-NEtFOSAA



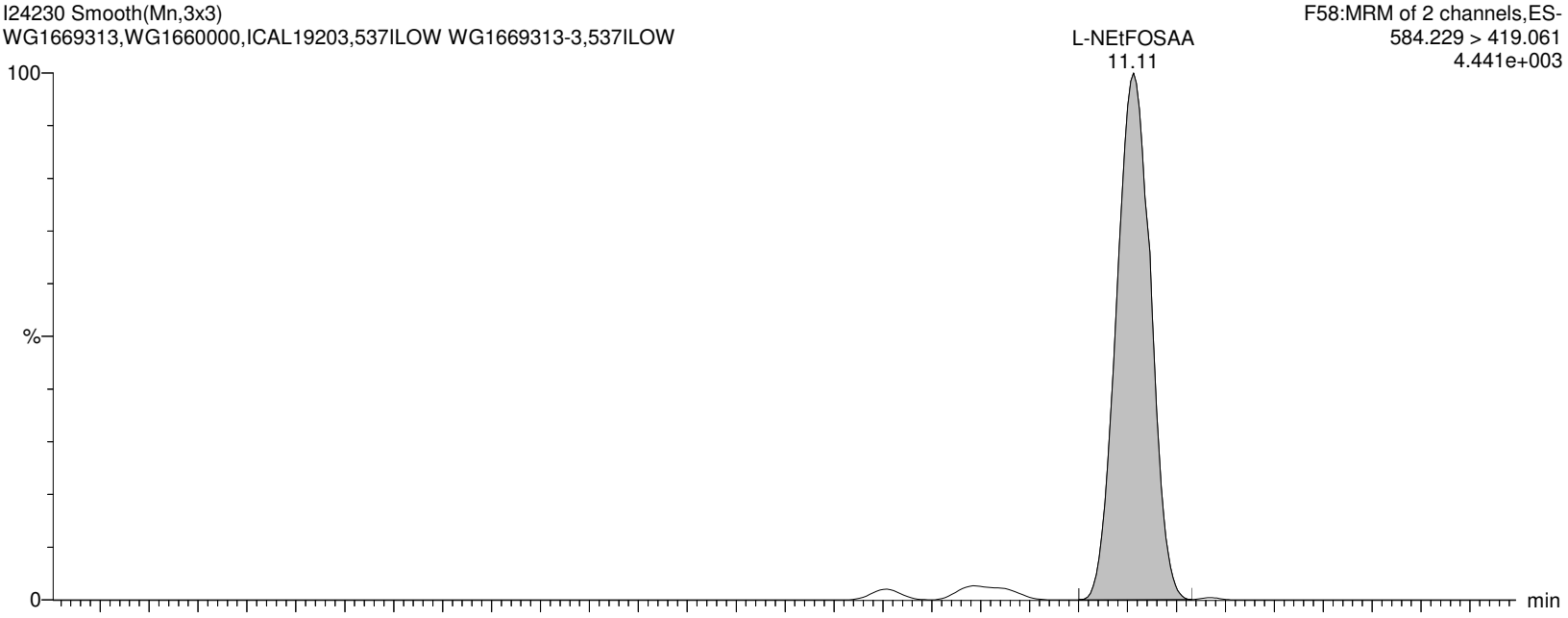


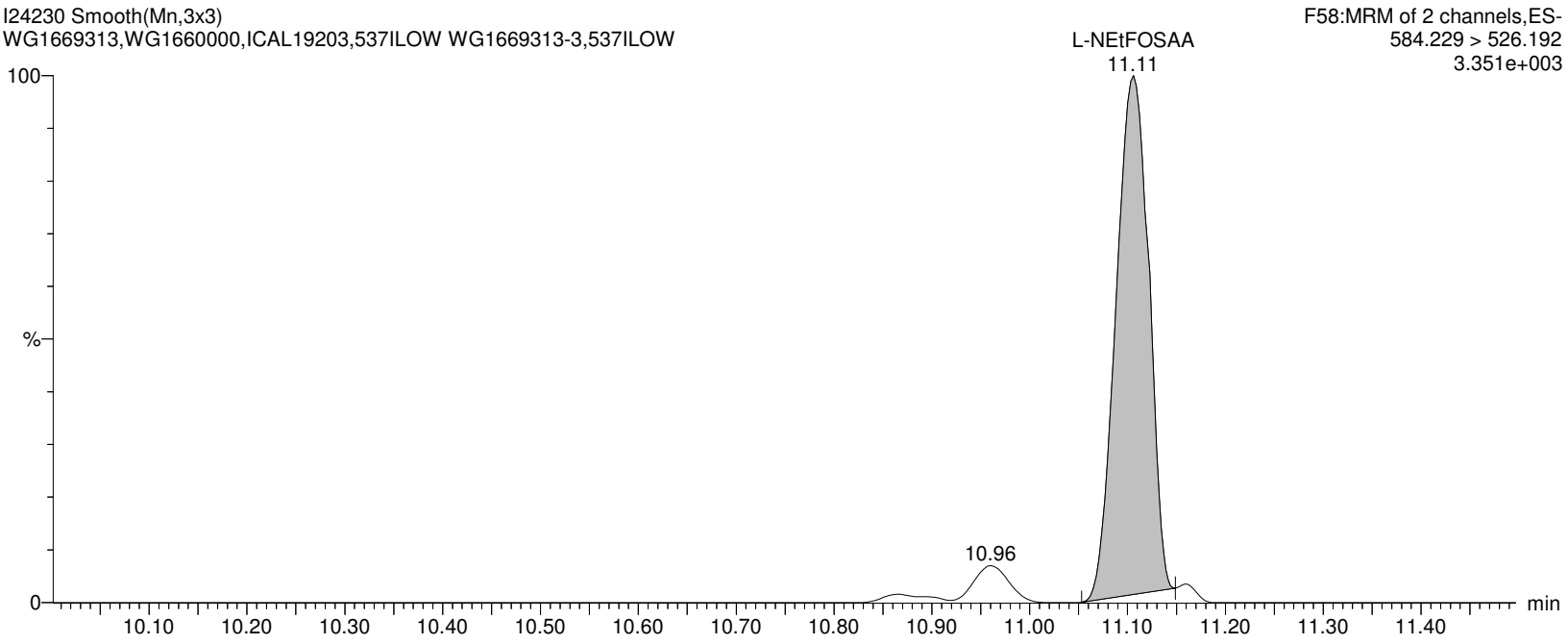
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

L-NEtFOSAA



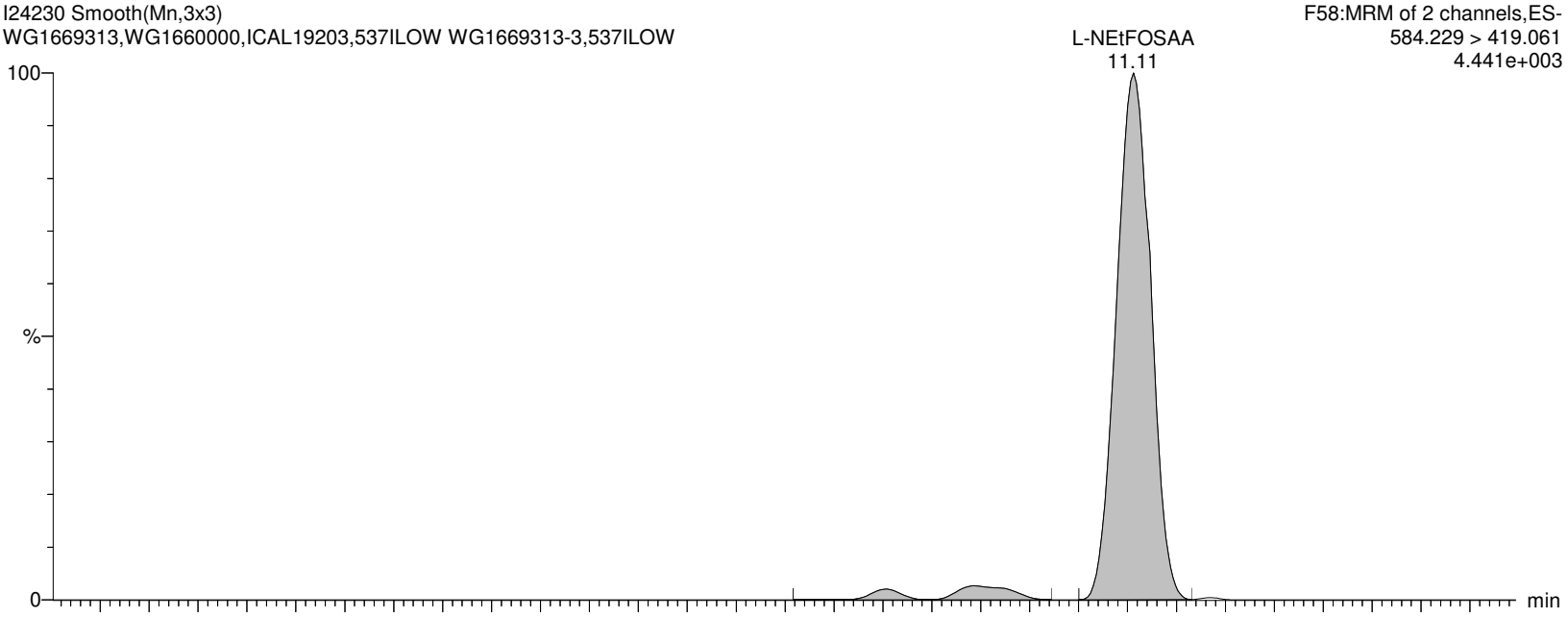


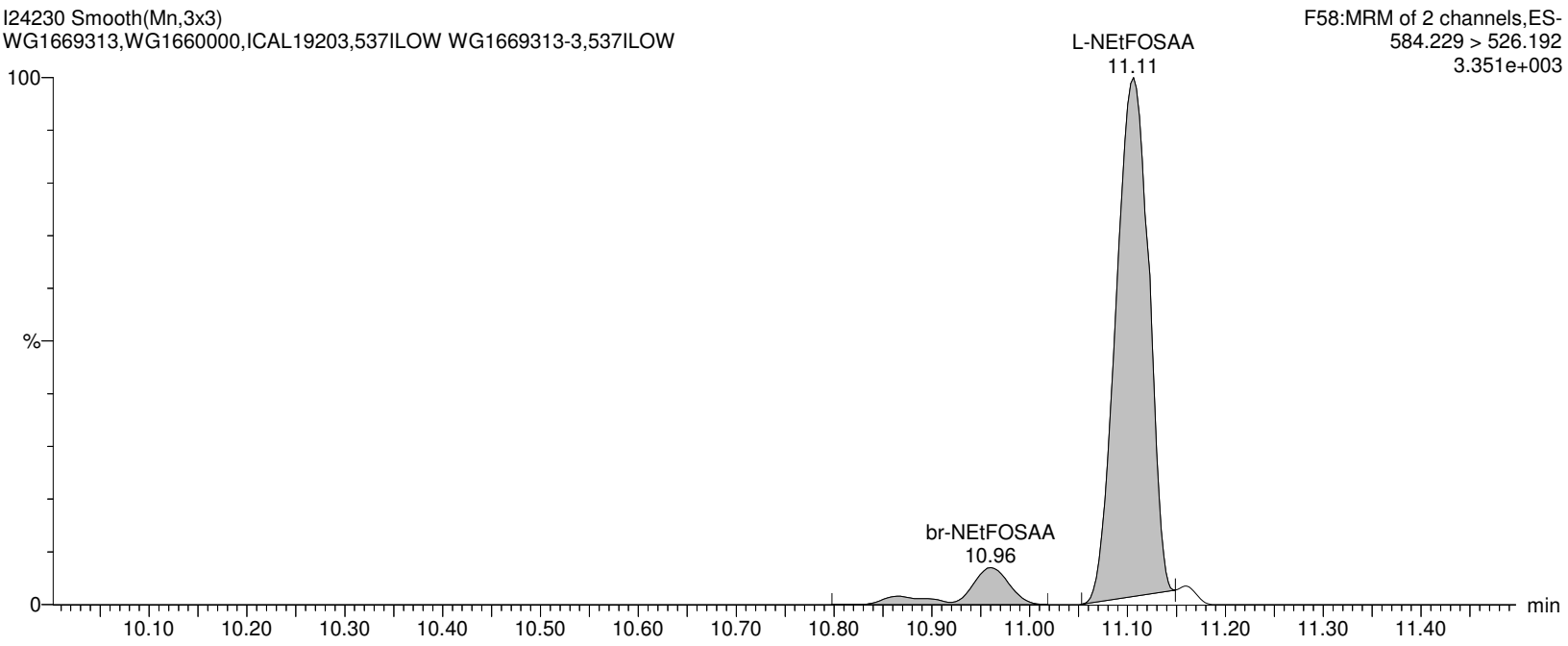
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

NEtFOSAA



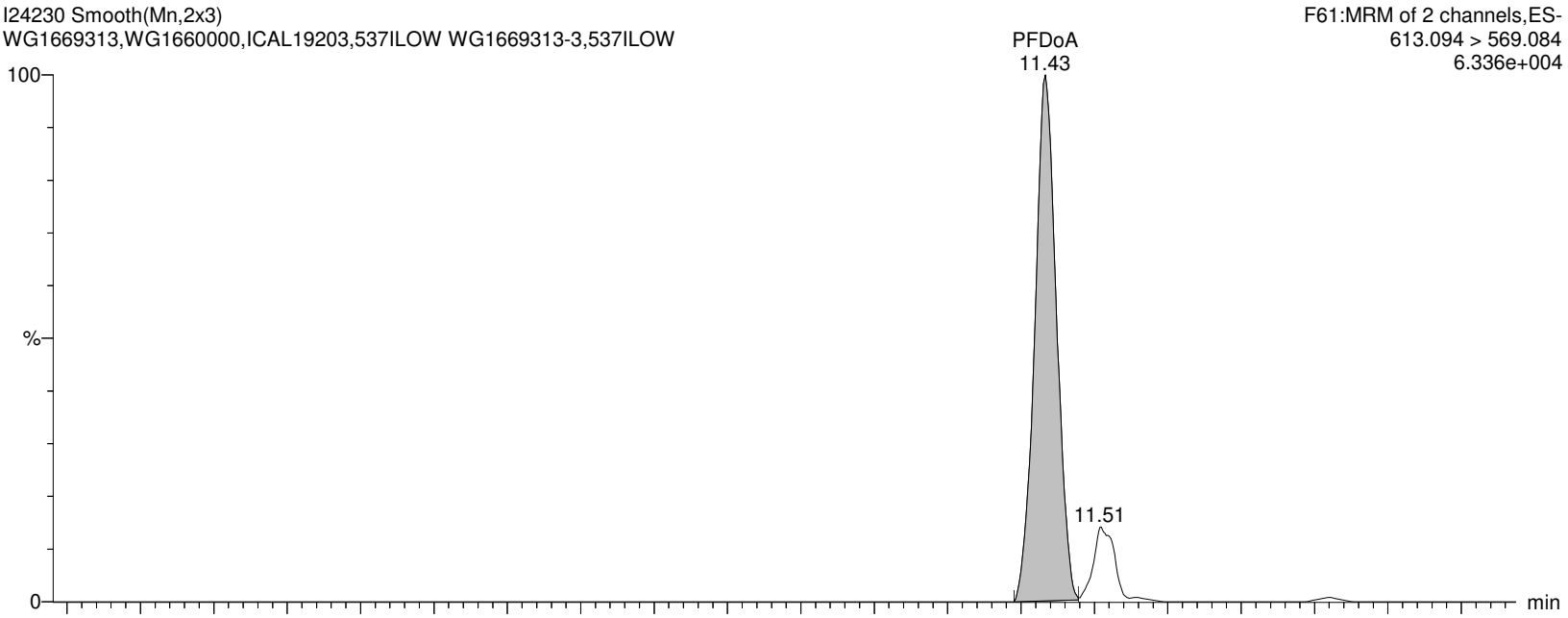


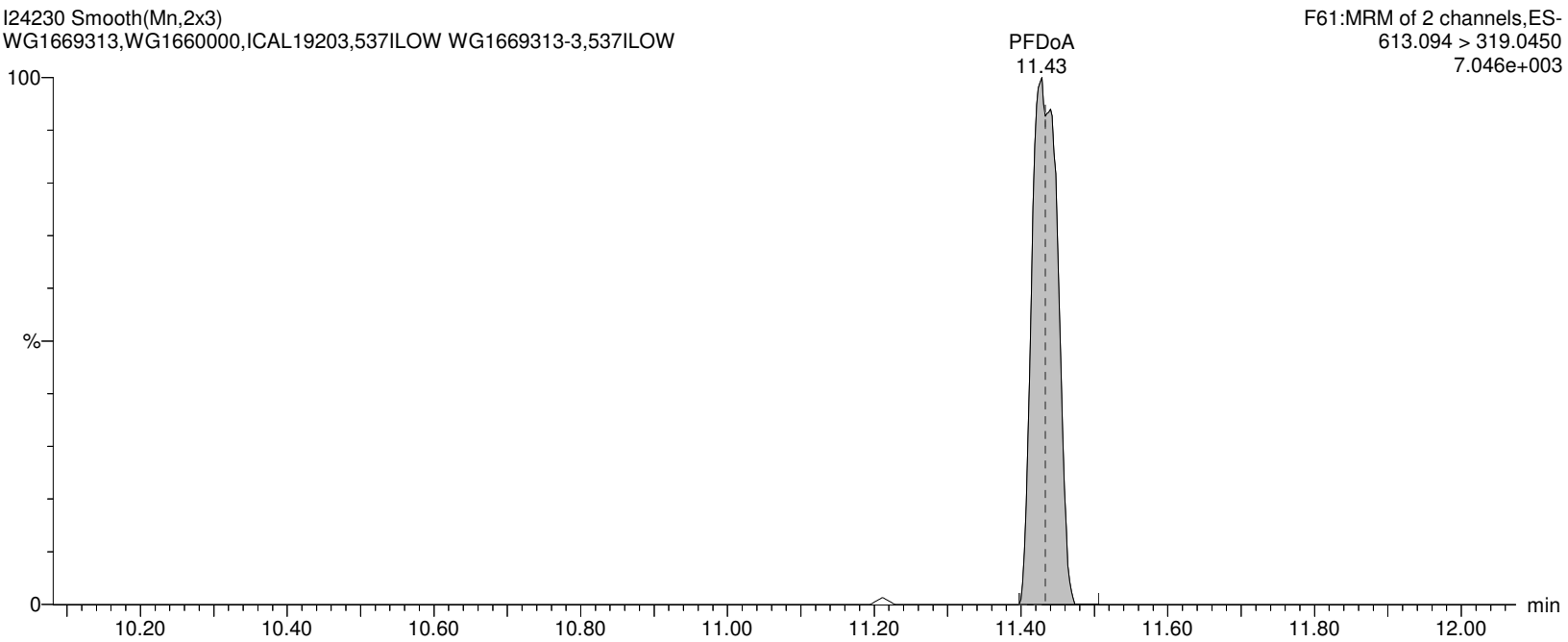
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFDoA



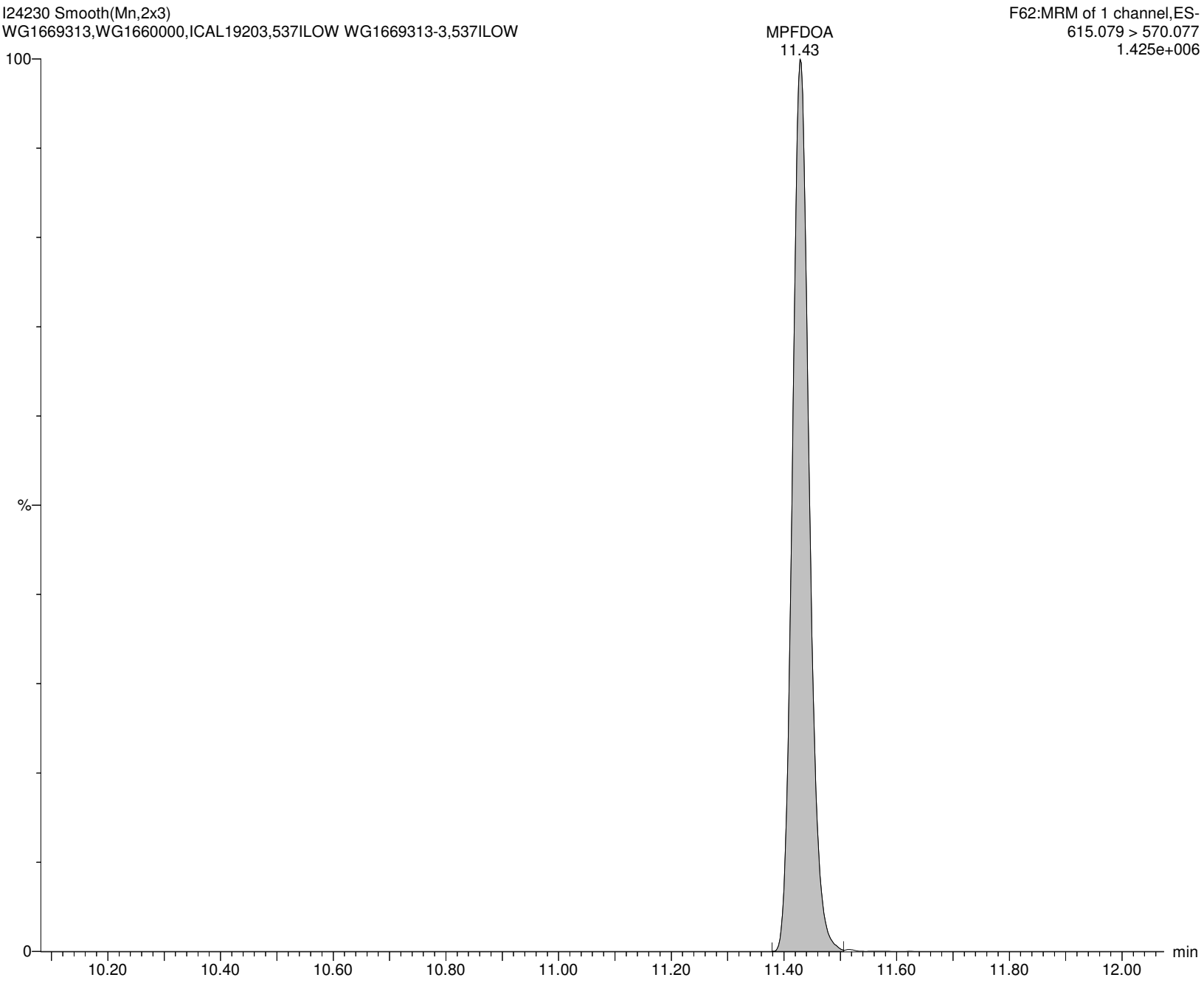


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

MPFDOA

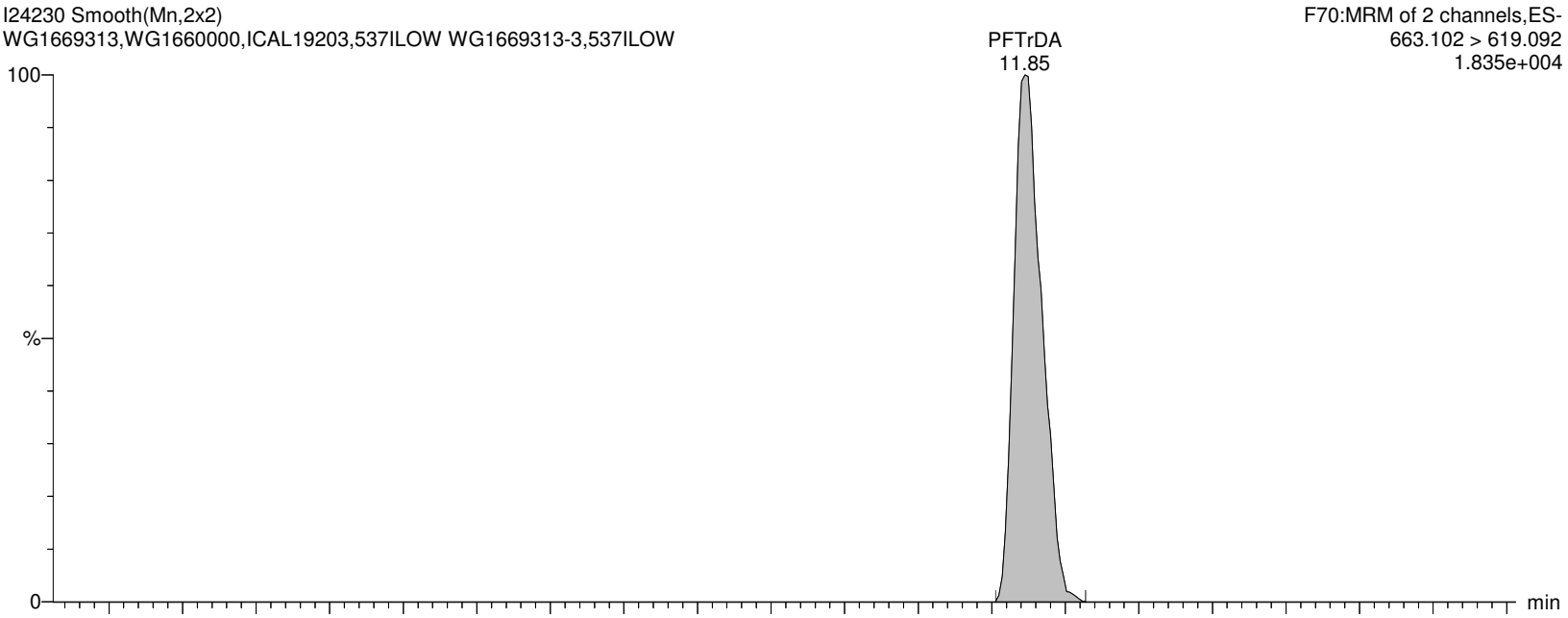


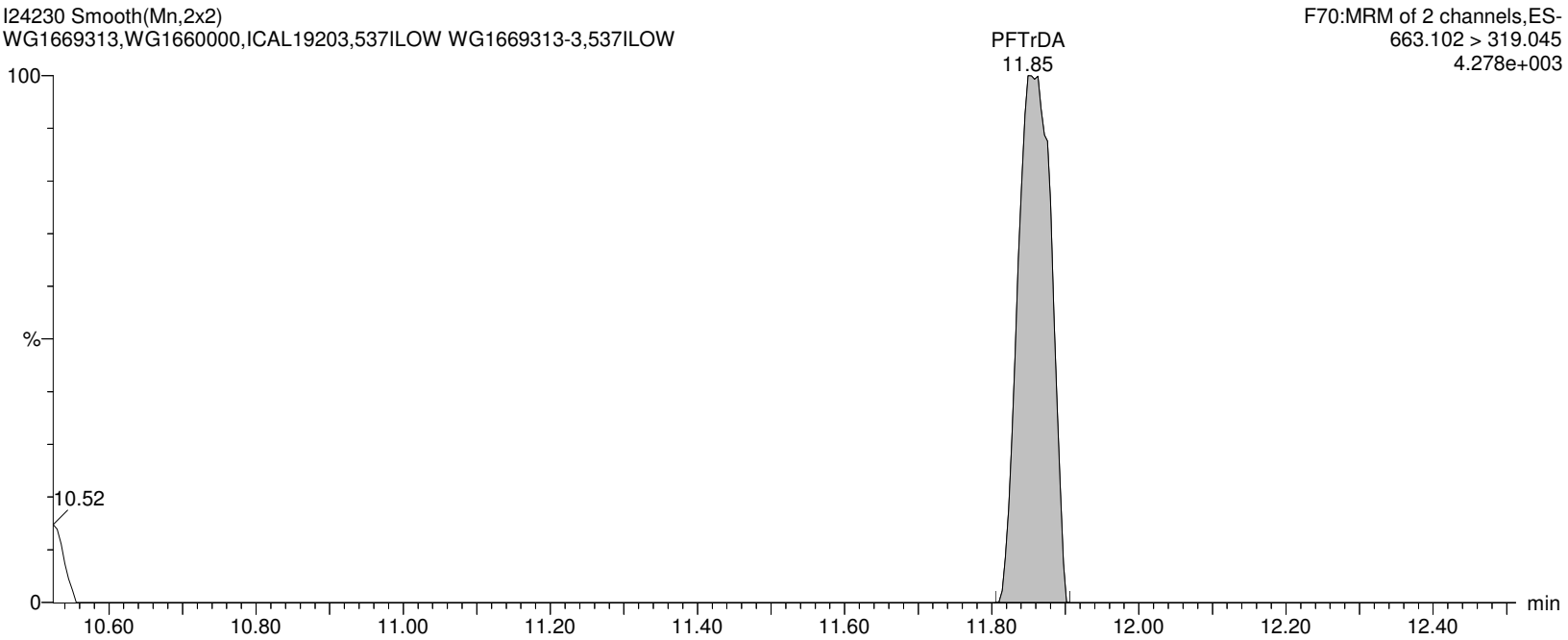
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFTrDA



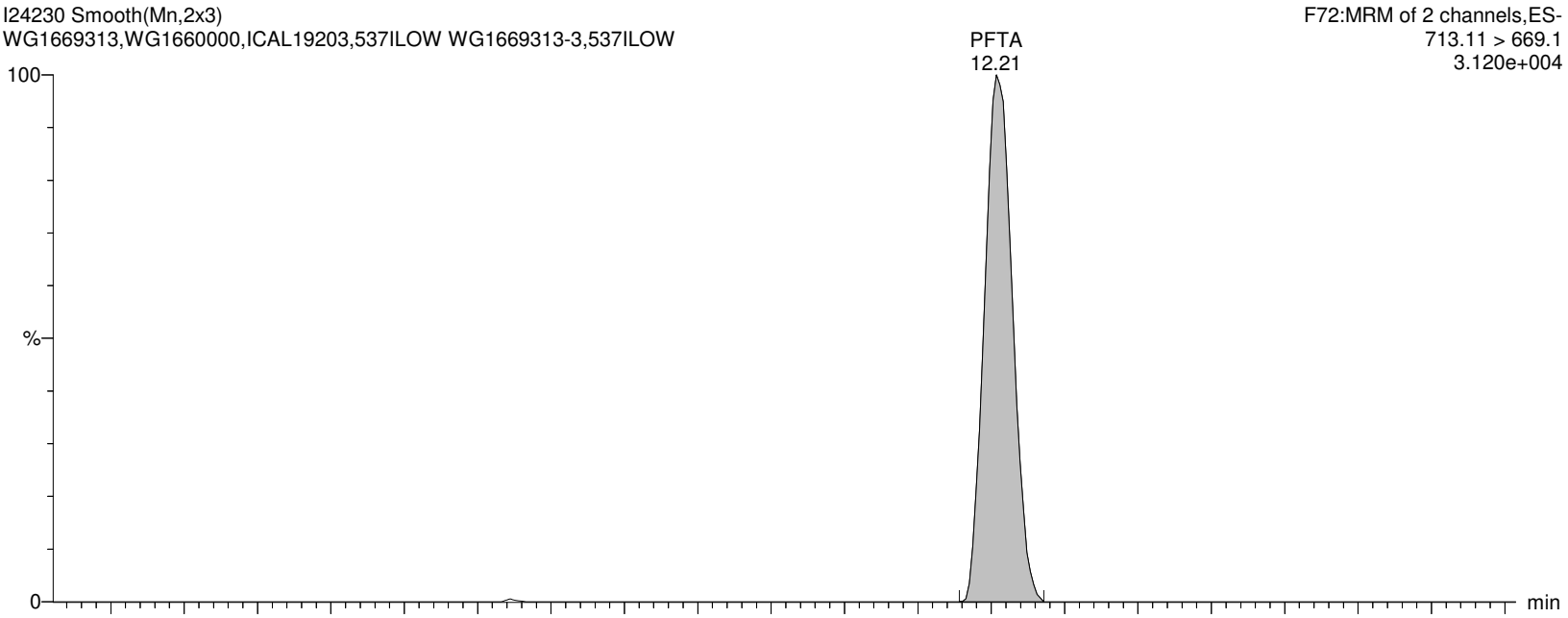


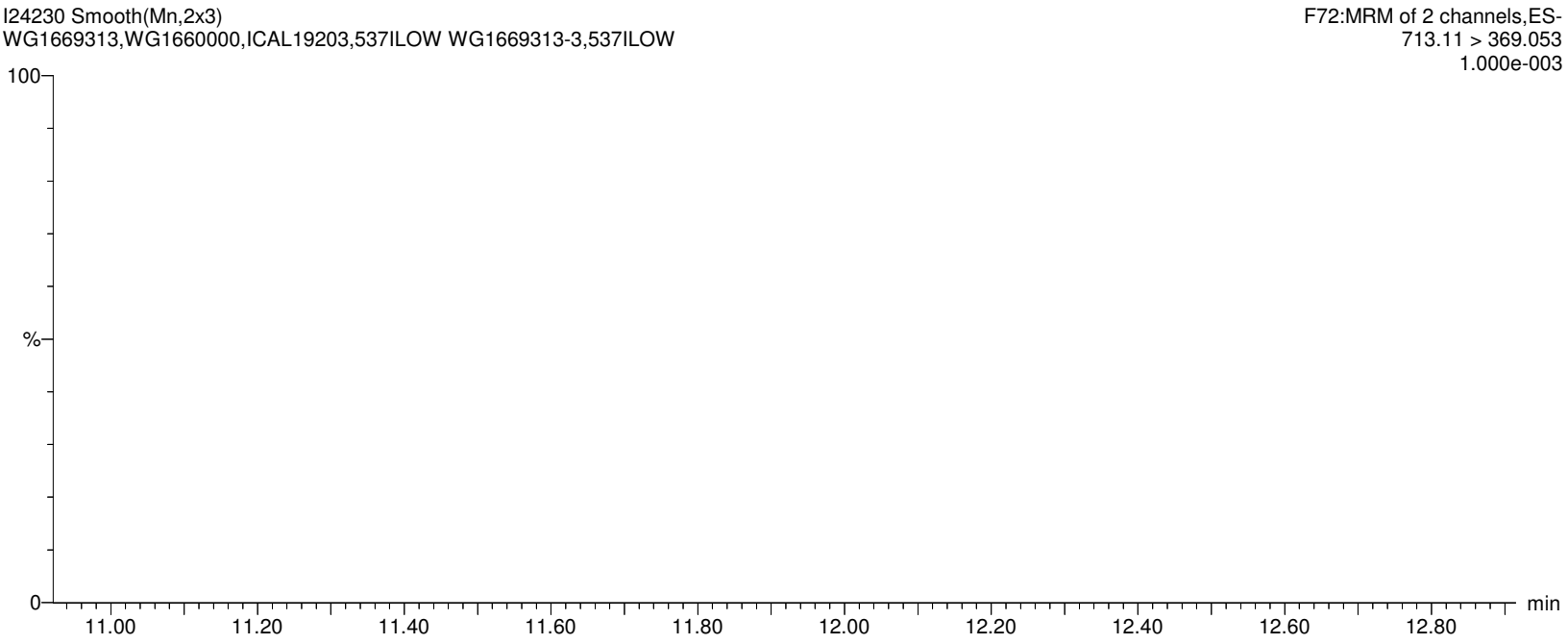
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFTA



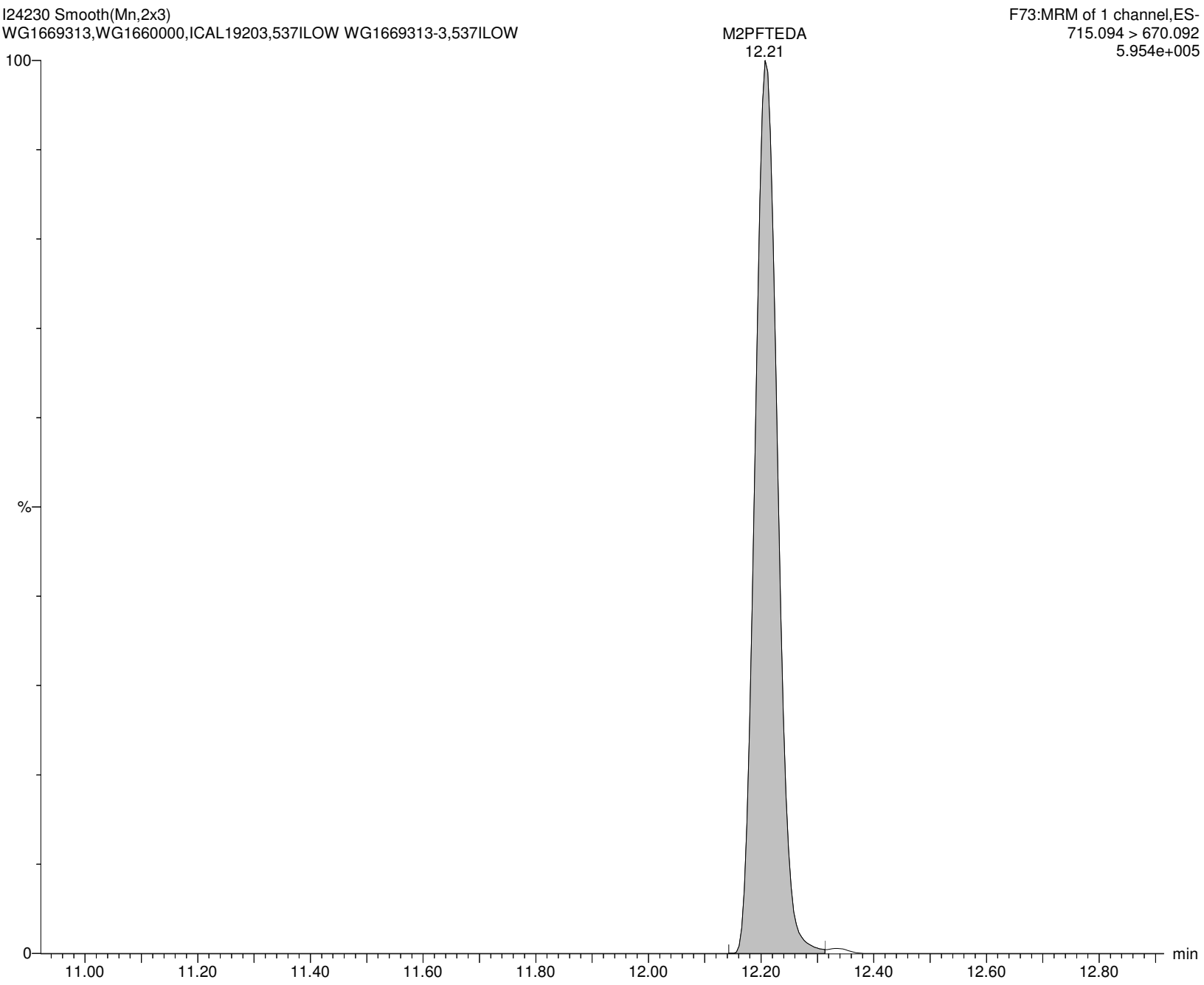


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2PFTEDA

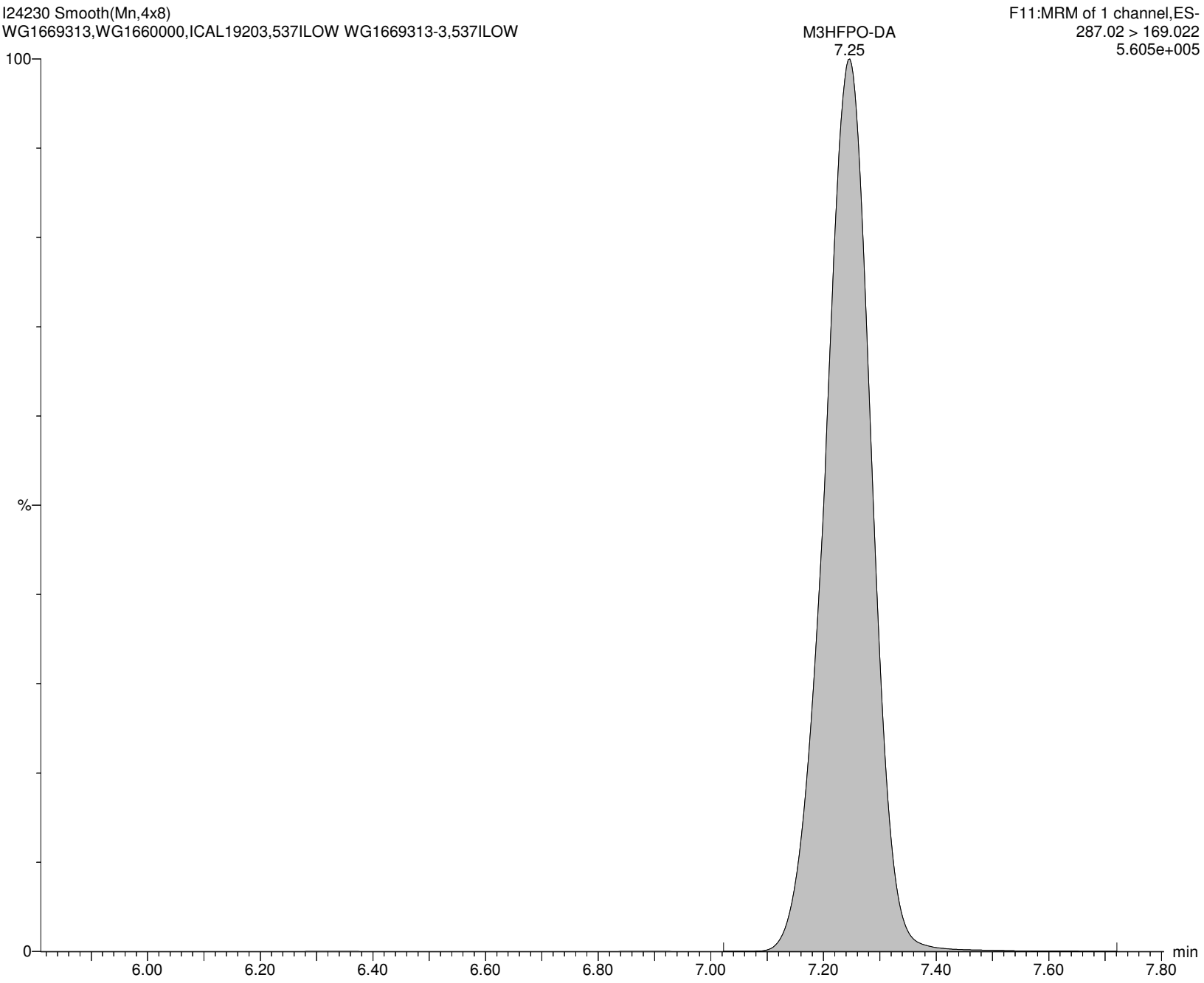


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M3HFPO-DA

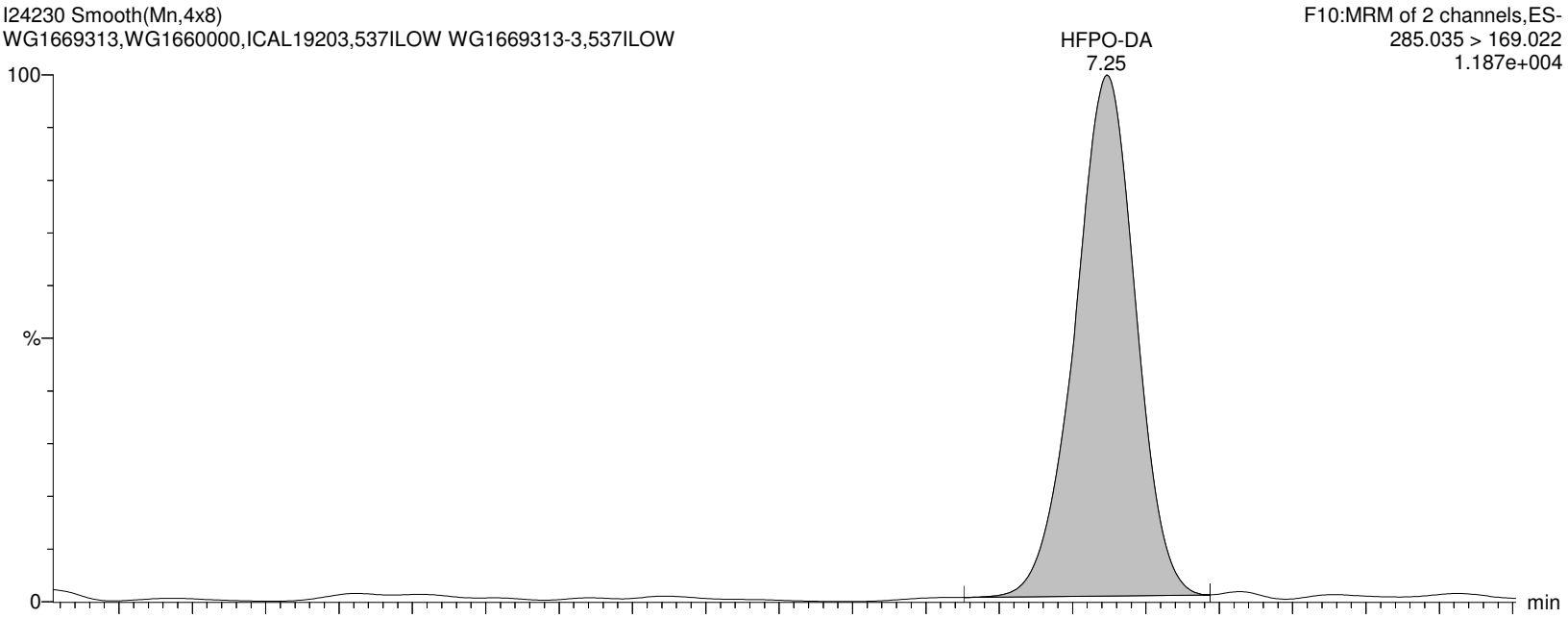


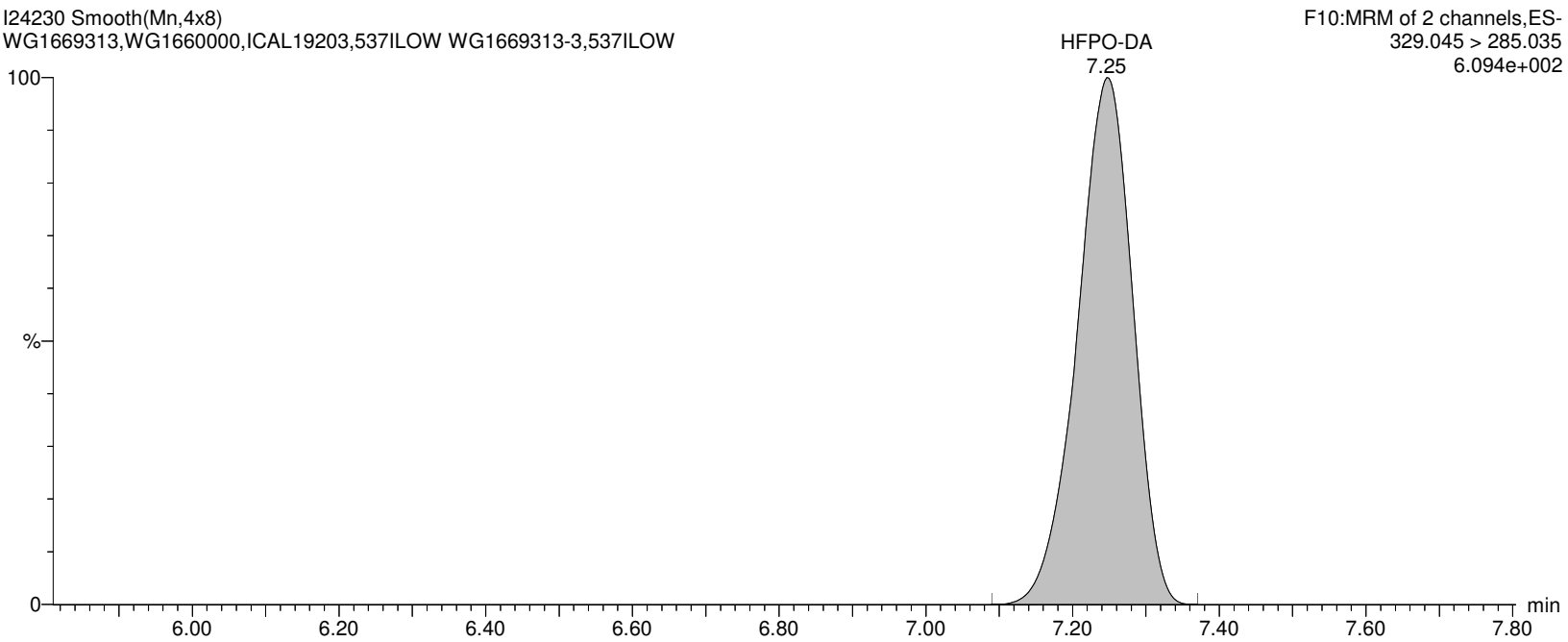
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

HFPO-DA



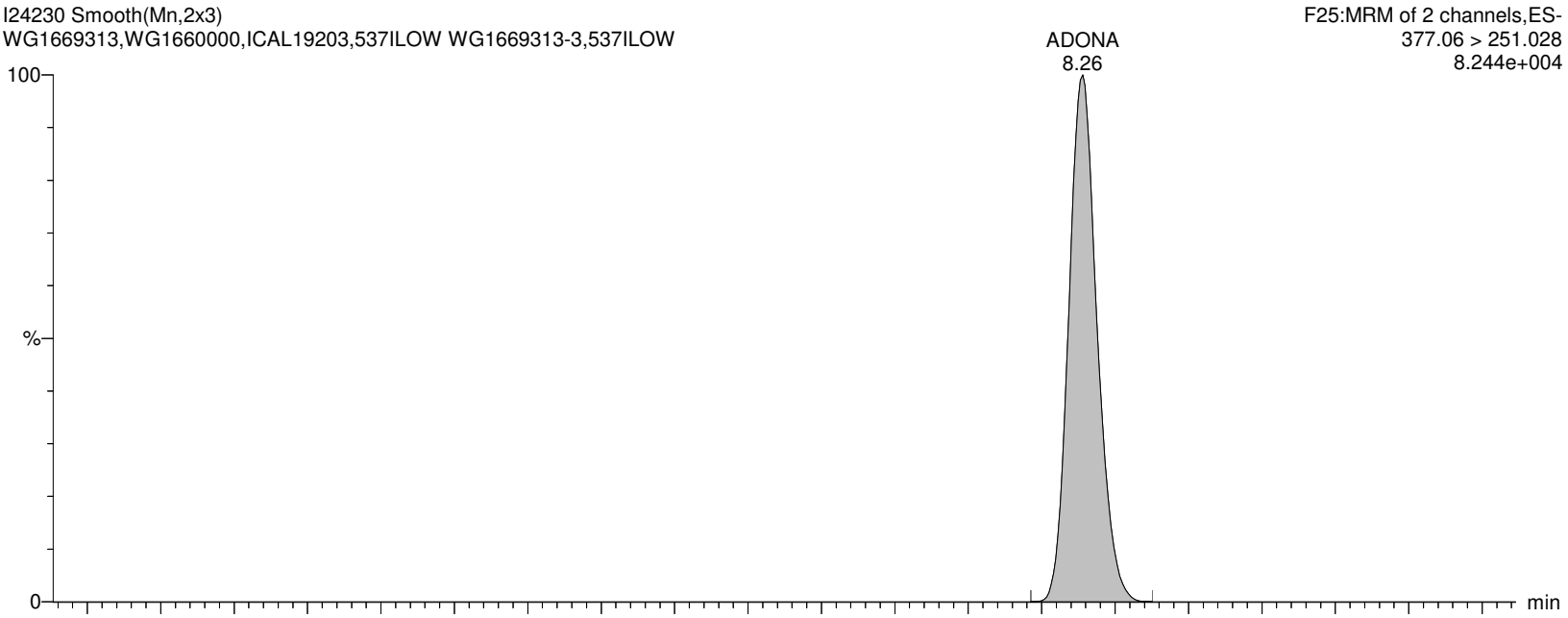


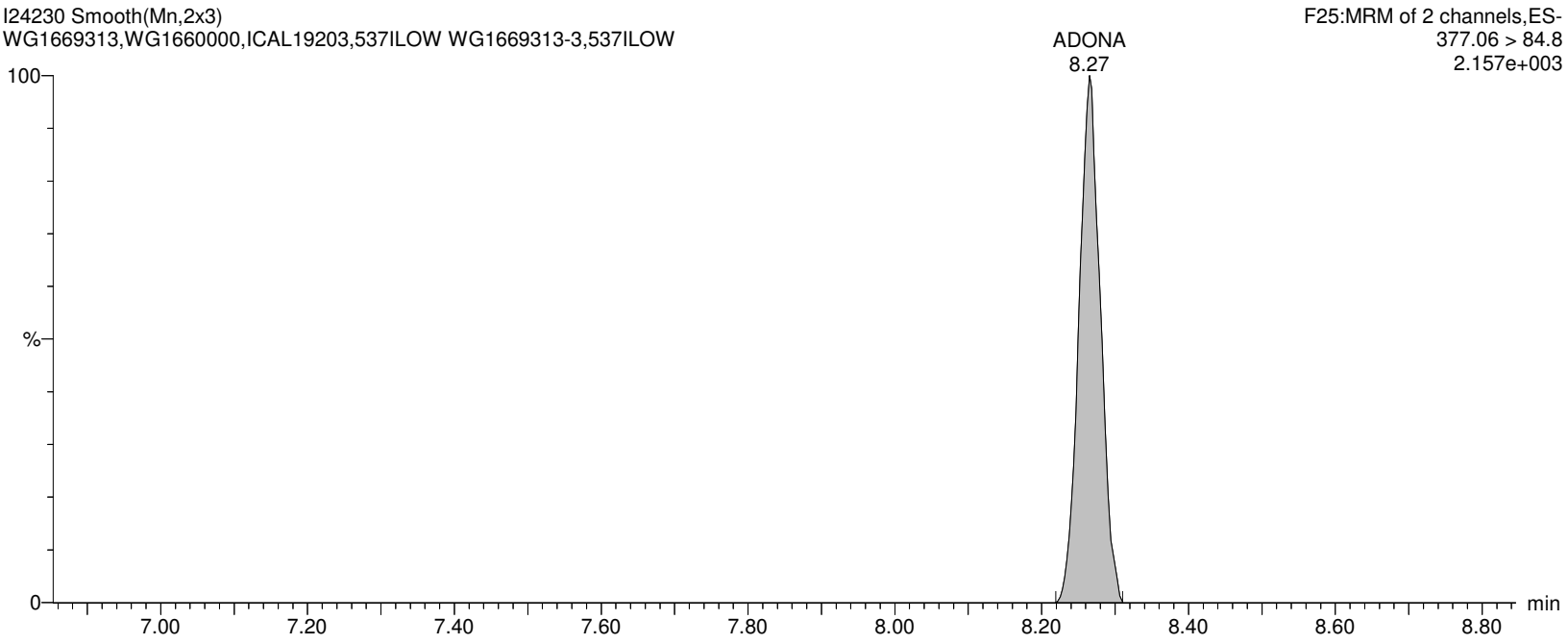
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

ADONA



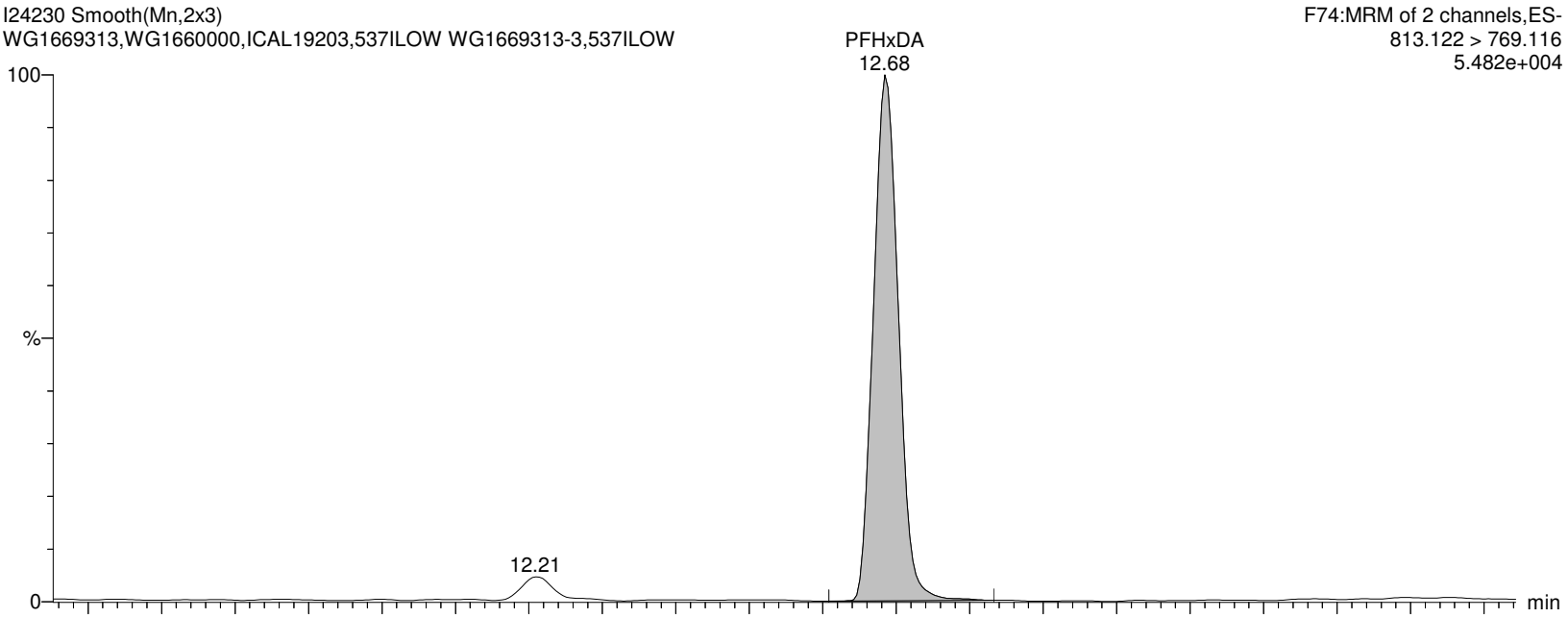


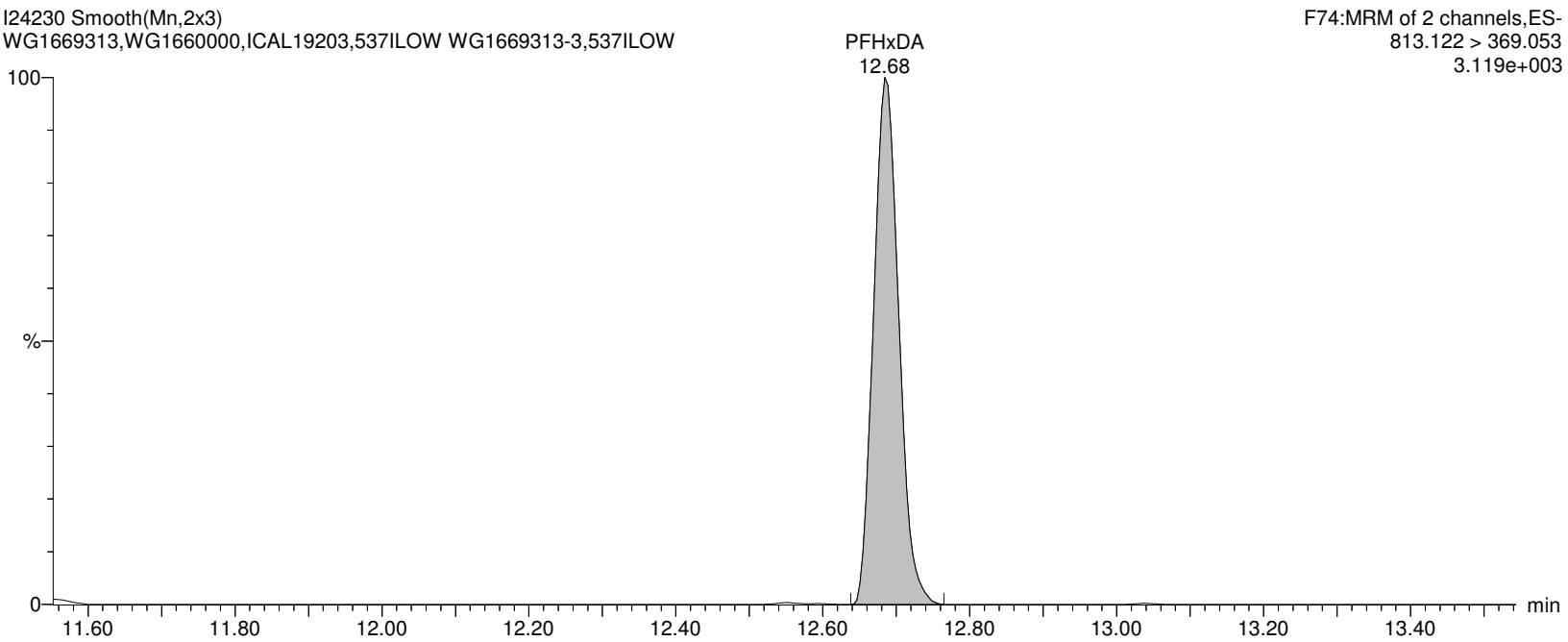
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFHxDA



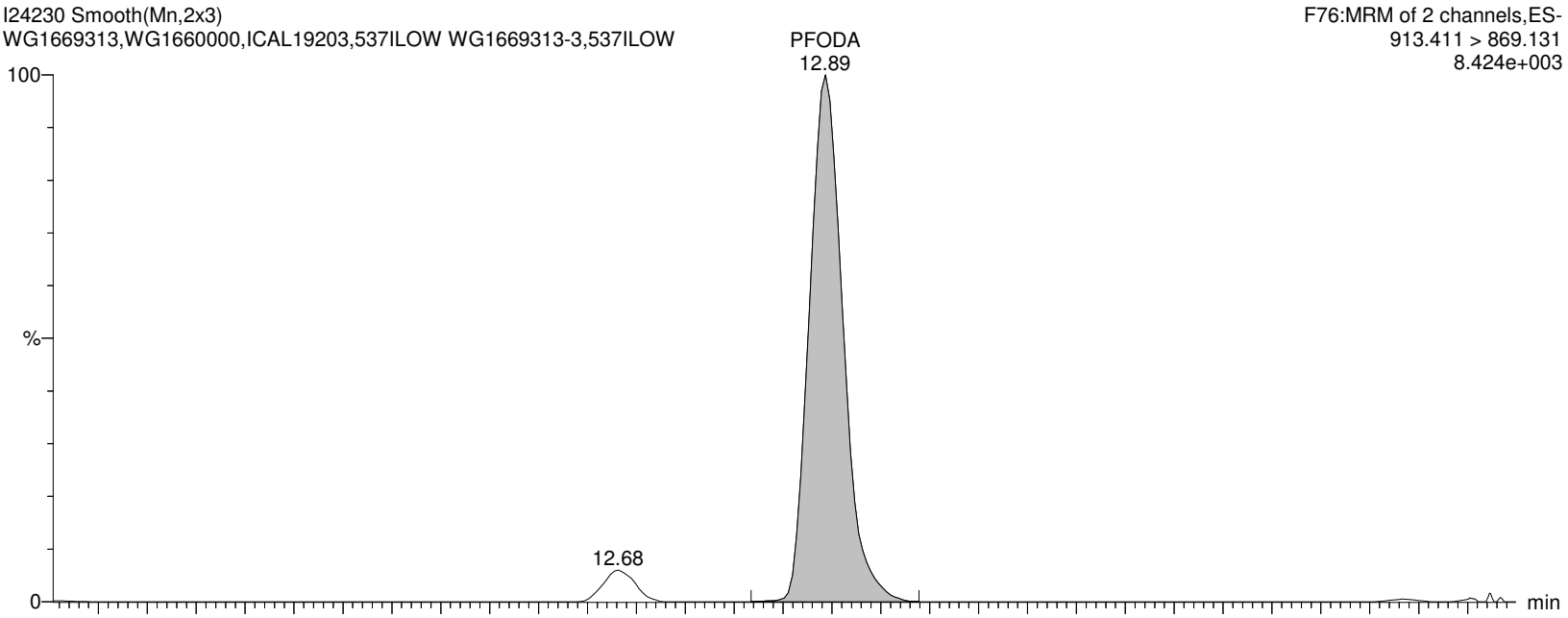


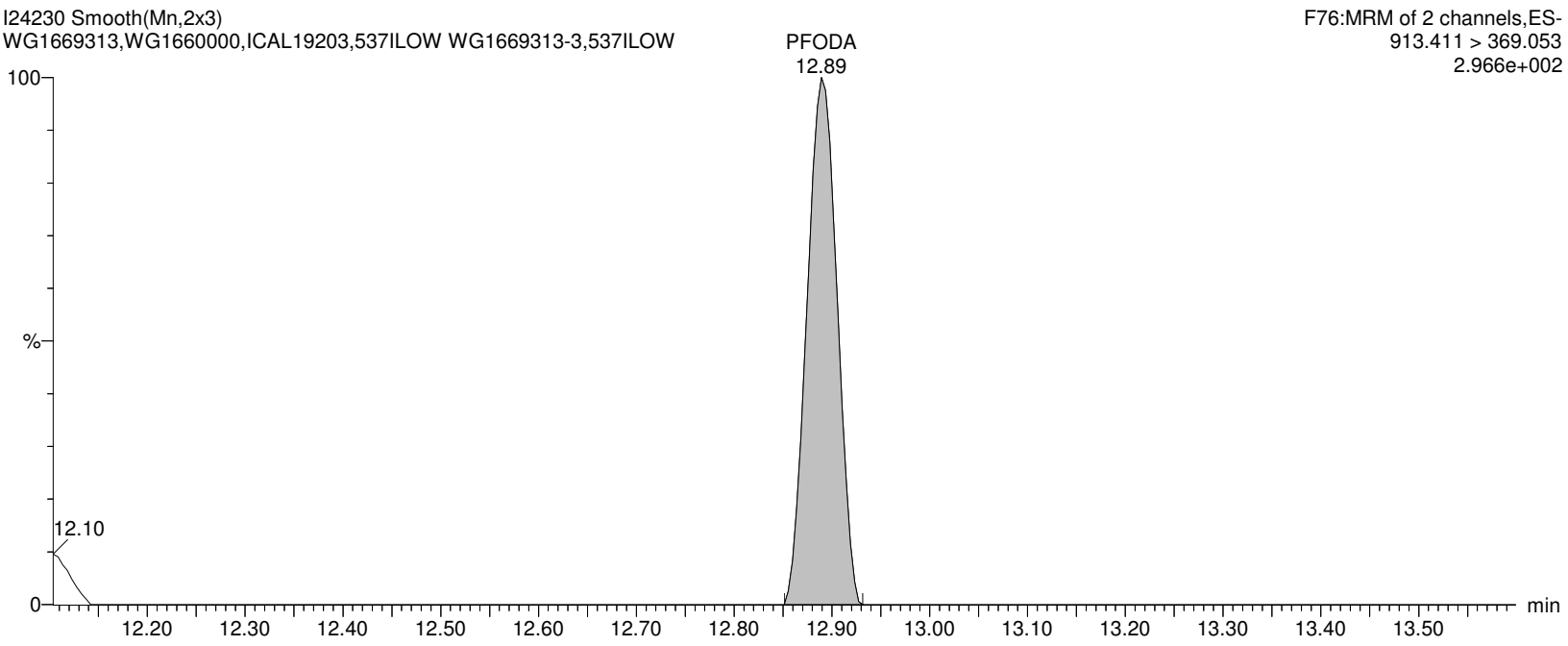
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFODA



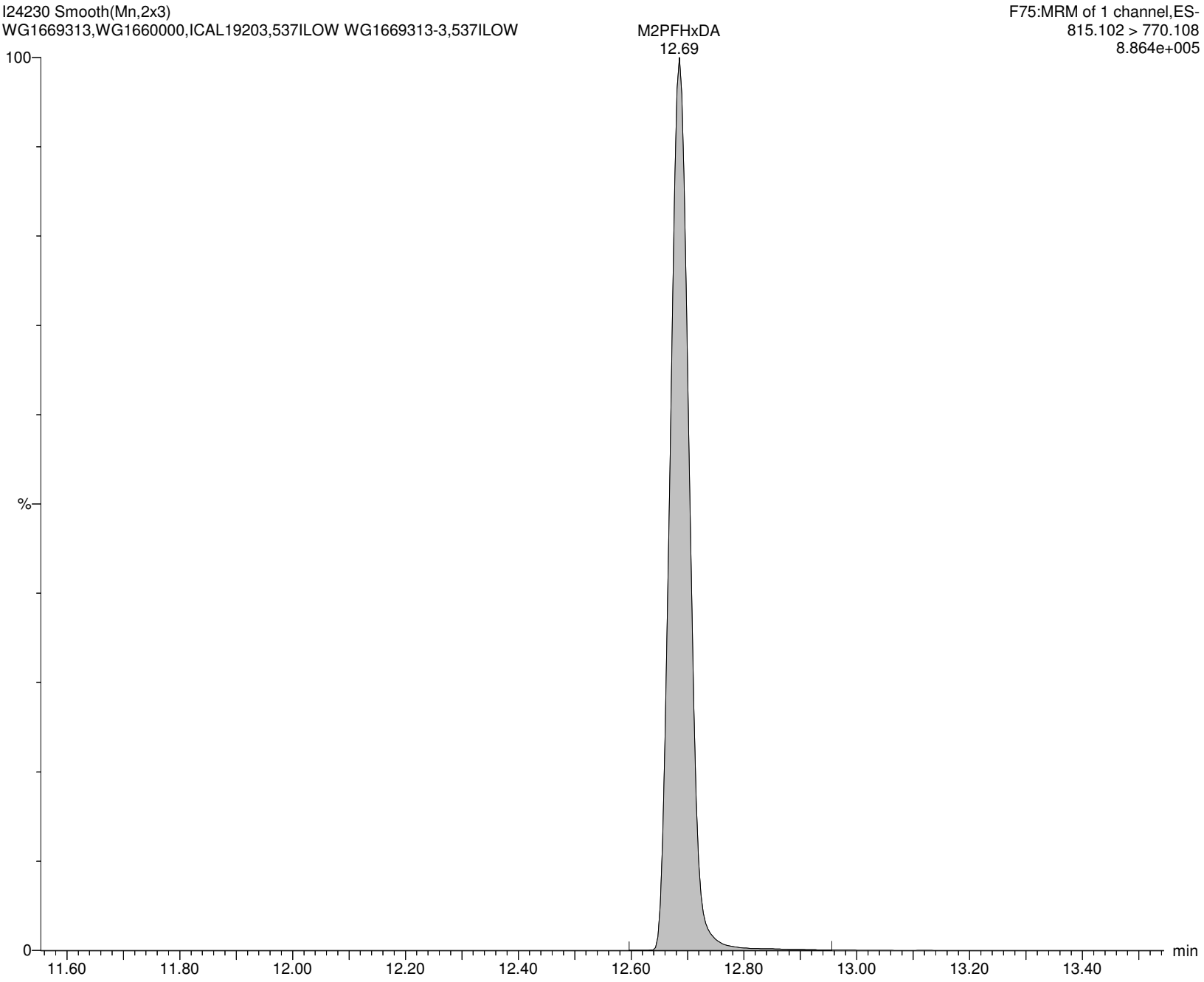


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2PFHxDA

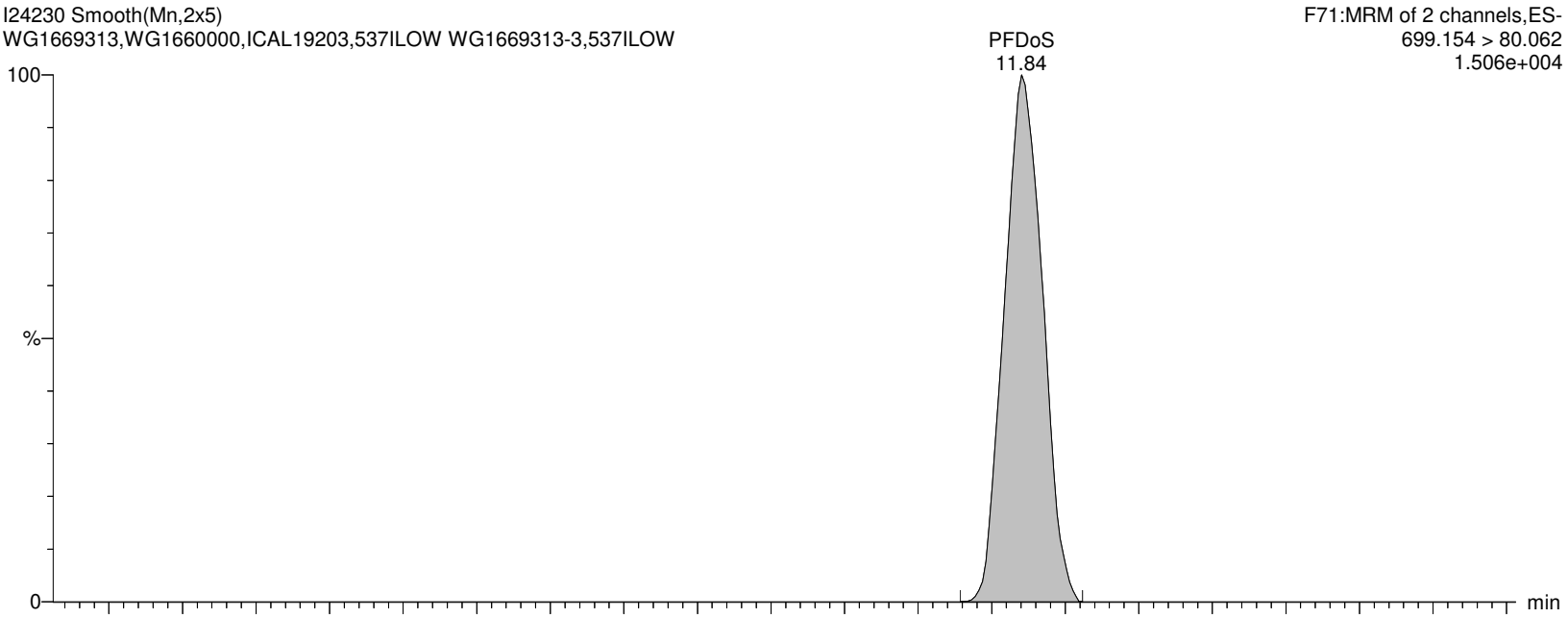


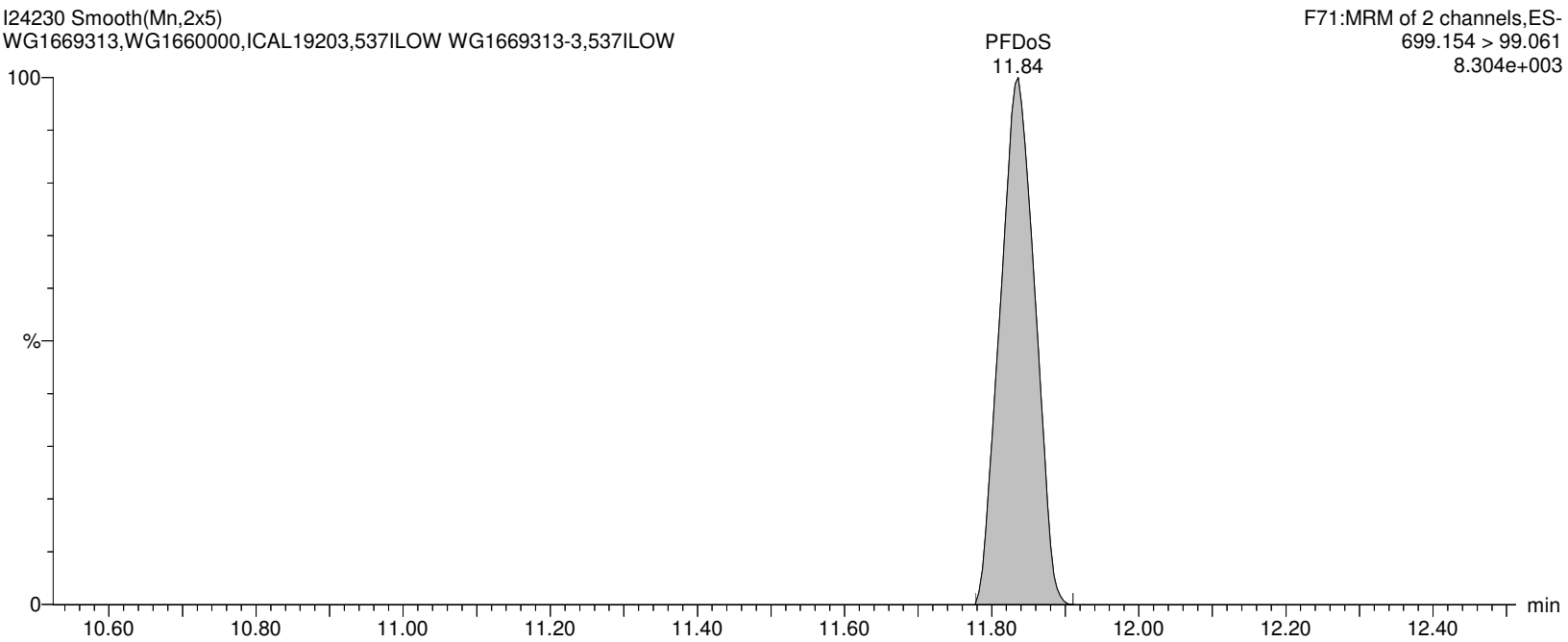
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFDoS



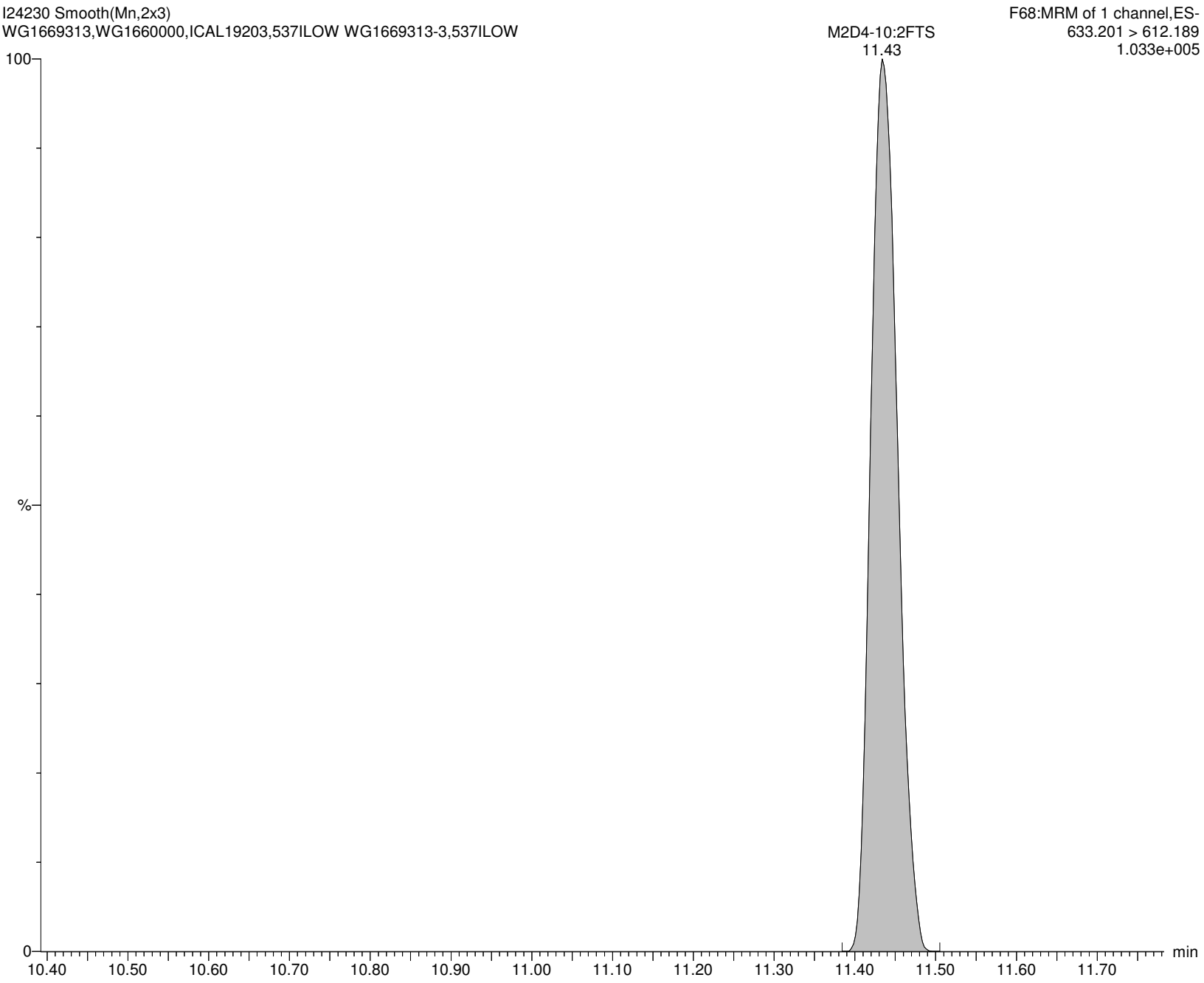


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2D4-10:2FTS

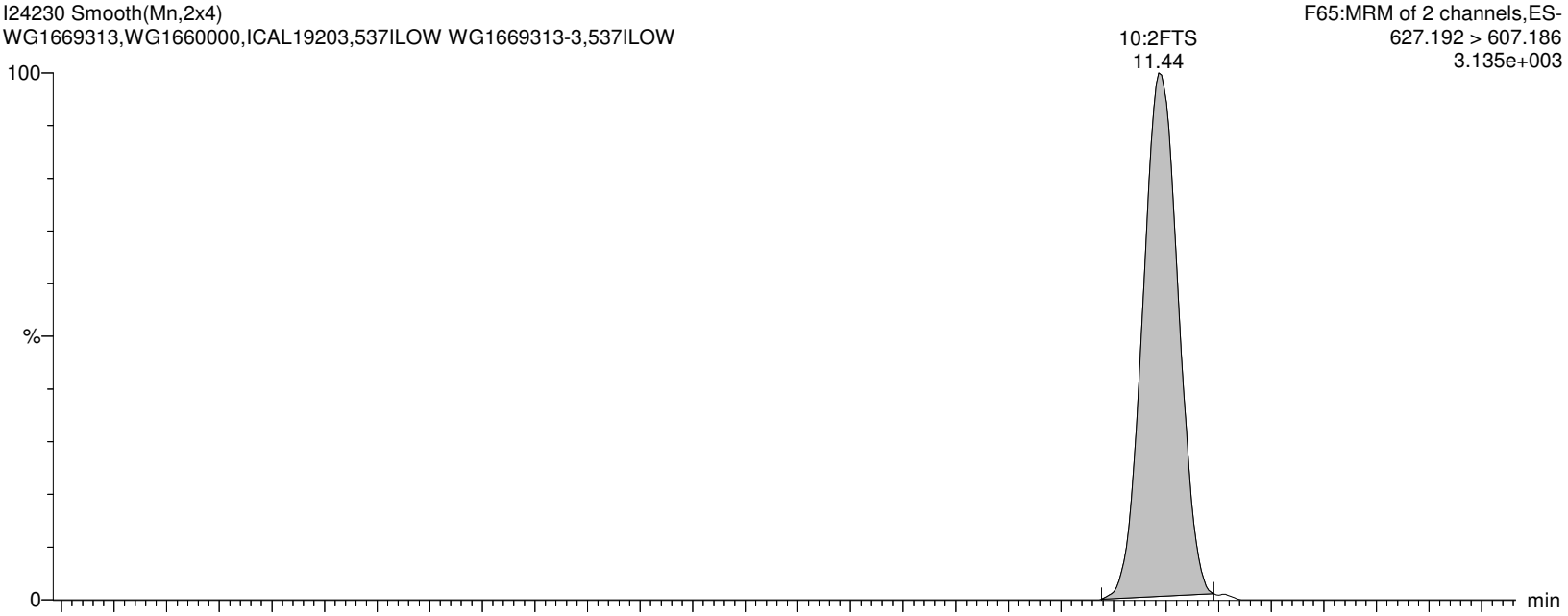


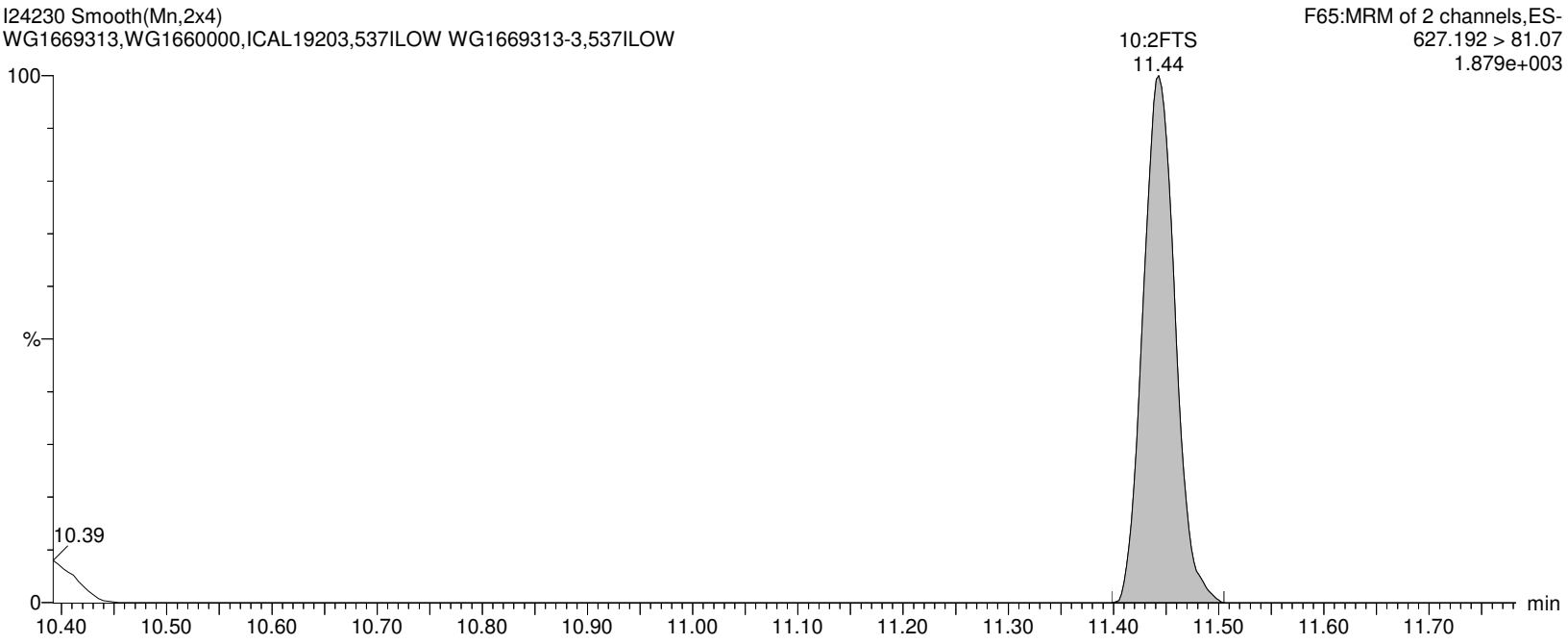
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

10:2FTS



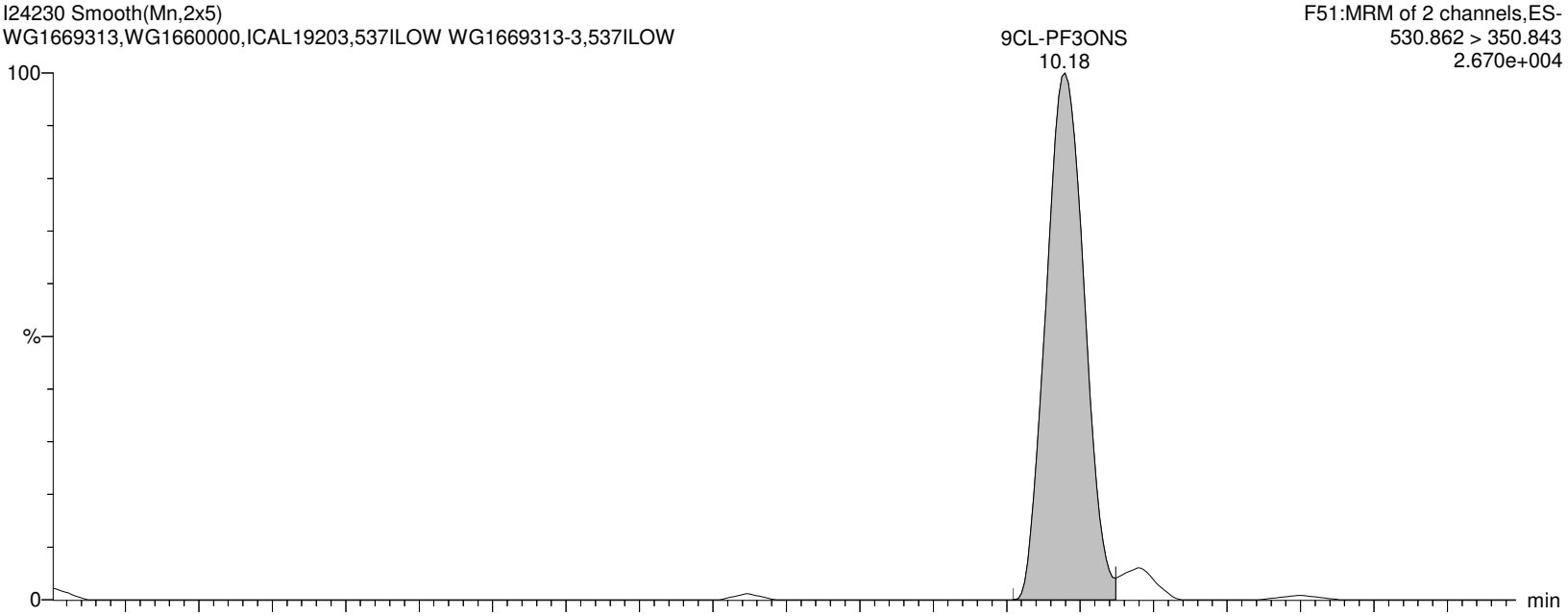


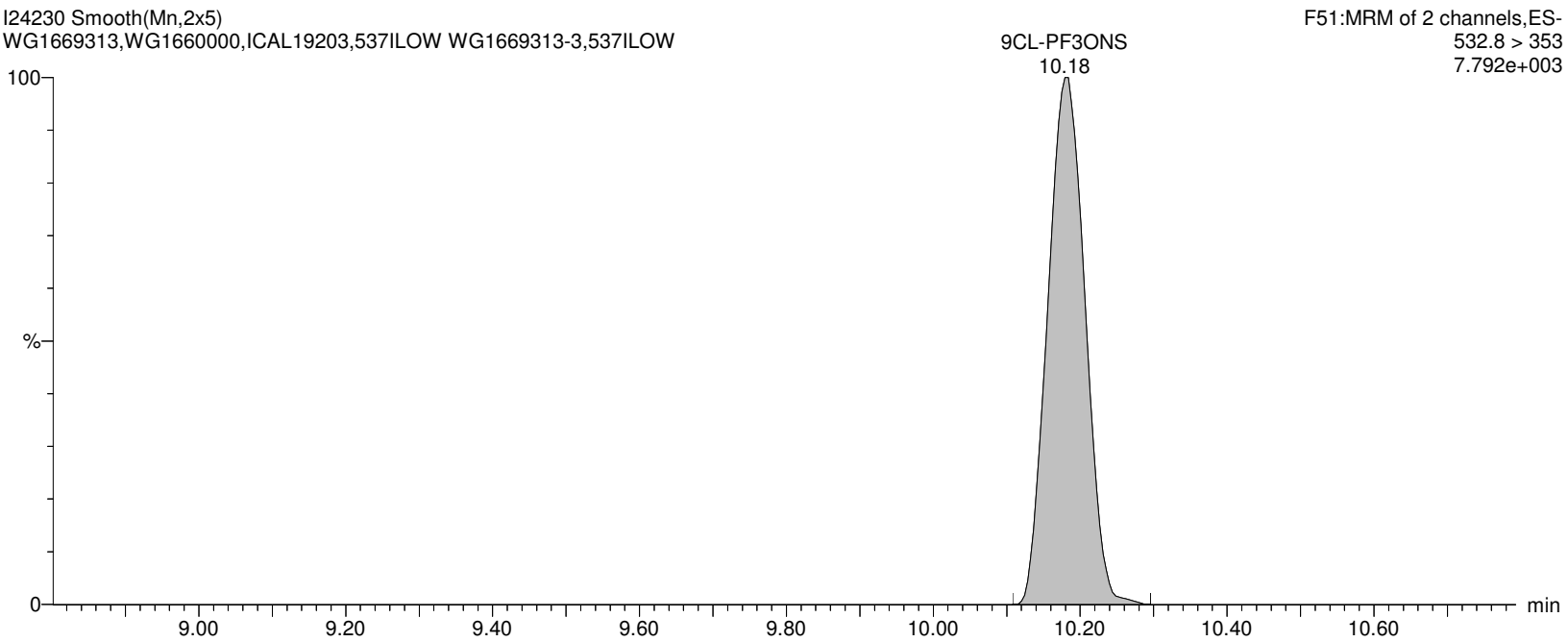
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

9CL-PF3ONS



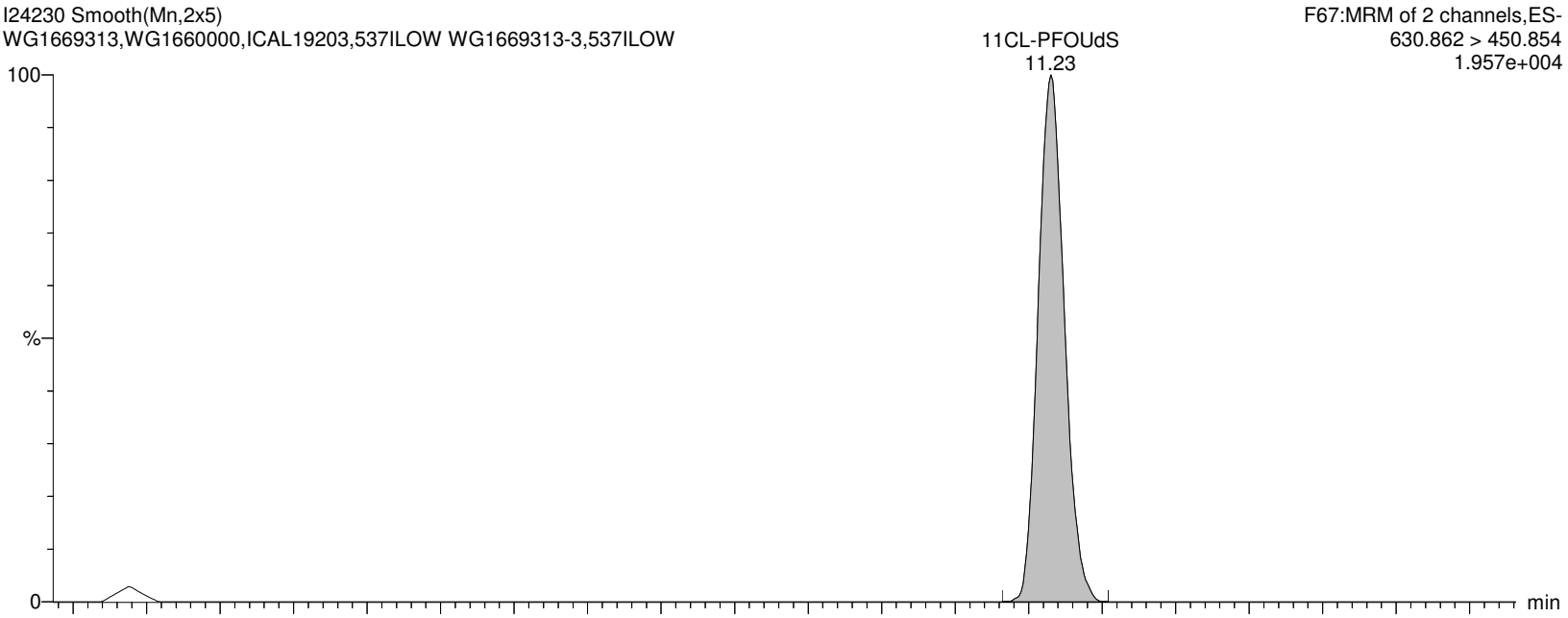


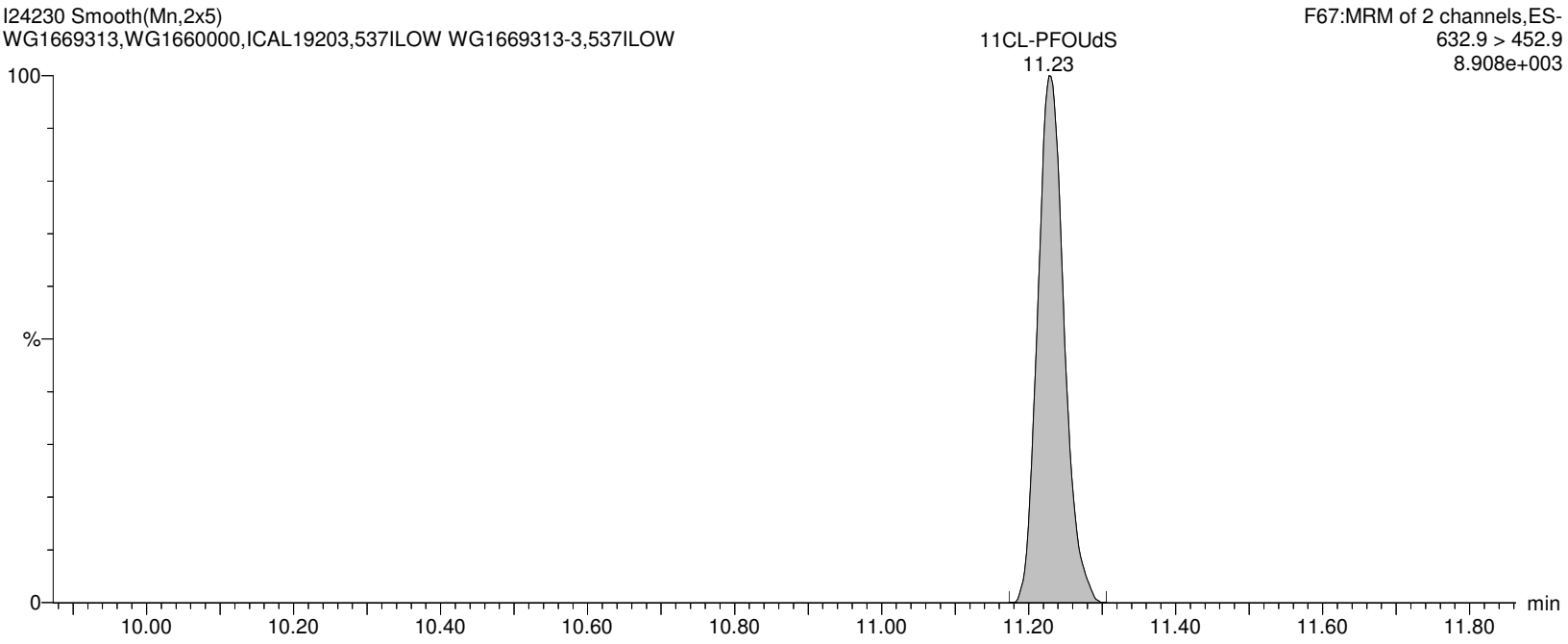
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-B.qld
Last Altered: Sunday, July 31, 2022 11:21:33 Eastern Daylight Time
Printed: Sunday, July 31, 2022 11:22:37 Eastern Daylight Time

Name: I24230
ID: WG1669313-3,537ILOW
Date: 30-Jul-2022
Time: 23:45:02
Description: WG1669313,WG1660000,ICAL19203,537ILOW
User: LCMS01:SG
Vial: 1:A,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

11CL-PFOUdS





all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220730_537ISO.PRO\MethDB\537ISO_Q_220725_RT.mdb 29 Jul 2022 09:44:29
Calibration: C:\MassLynx\Data\2022\220730_537ISO.PRO\CurveDB\220725_ICAL.cdb 26 Jul 2022 09:37:13

ID: WG1669313-4,537IMED
Name: I24241
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:SG
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.13	213.032 > 169.022	50829		8.837		na	88.4
2	M3PFBA	INT STD	2.14	216.009 > 171.999	53209		14.241		na	142.4
3	MPFBA	INT STD	2.14	217.001 > 171.999	60669		10.041		na	100.4
4	PFPeA	2706-90-3	4.96	263.039 > 219.03	53847		8.779		na	87.8
5	M5PFPEA	INT STD	4.96	268.001 > 222.999	59232		9.956		na	99.6
6	PFBS	375-73-5	5.60	299.092 > 80.062	19214		7.710	2.10	NO	86.9
7	M3PFBS	INT STD	5.60	302.069 > 80.062	21061		9.117		na	97.8
8	4:2FTS	757124-72-4	6.74	327.146 > 307.139	3570		9.181	1.24	NO	98.0
9	M2-4:2FTS	INT STD	6.74	329.13 > 309.124	4268		9.231		na	98.4
10	PFHxA	307-24-4	6.82	313.047 > 269.037	62659		8.545	11.51	NO	85.5
11	M5PFHxA	INT STD	6.82	318.009 > 273.007	71474		8.937		na	89.4
12	PFPeS	2706-91-4	7.14	349.1 > 80.062	19523		8.325	1.71	NO	88.5
13	PFHpA	375-85-9	8.08	363.055 > 319.045	59018		8.724	3.73	NO	87.2
14	M4PFHpA	INT STD	8.08	367.025 > 322.022	65016		9.701		na	97.0
15	br-PFHxS	355-46-4	8.01	399.107 > 80.062	3508	M5,M7	1.758	2.21	NO	93.0
16	L-PFHxS	355-46-4	8.24	399.107 > 80.062	16632		7.672	1.69	NO	94.6
17	PFHxS	355-46-4		399.107 > 80.062	20140		9.430		na	
18	M3PFHxS	INT STD	8.24	402.084 > 80.062	22403		9.312		na	98.2
19	br-PFOA	335-67-1		413.063 > 369.053			ND		YES	
20	L-PFOA	335-67-1	9.02	413.063 > 369.053	62735		9.066	6.82	NO	90.7
21	PFOA	335-67-1		413.063 > 369.053	62735		9.066		na	
22	M8PFOA	INT STD	9.02	421.002 > 376.	60592		9.728		na	97.3
23	M2PFOA	INT STD	9.02	415.048 > 370.045	64263		15.404		na	154.0
24	6:2FTS	27619-97-2	8.98	427.161 > 407.155	4321		9.081	2.24	NO	95.5
25	M2-6:2FTS	INT STD	8.98	429.146 > 409.14	5625		10.196		na	107.2
26	PFHpS	375-92-8	9.11	449.115 > 80.062	21540		8.629	1.71	NO	90.5
27	PFNA	375-95-1	9.77	463.071 > 419.061	60177		8.434	4.05	NO	84.3
28	M9PFNA	INT STD	9.77	472.002 > 427.	61405		10.553		na	105.5
29	br-PFOS	1763-23-1	9.64	499.123 > 80.062	5168	M5,M7	1.907	4.01	NO	90.4
30	L-PFOS	1763-23-1	9.82	499.123 > 80.062	15389		7.322	1.75	NO	92.8
31	PFOS	1763-23-1		499.123 > 80.062	20557		9.230		na	
32	M4PFOS	INT STD	9.82	503.093 > 80.062	22643		14.226		na	142.3
33	M8PFOS	INT STD	9.82	507.062 > 80.062	22215		9.570		na	99.8
34	PFDA	335-76-2	10.41	513.078 > 469.069	38010		8.752	2.33	NO	87.5
35	M2PFDA	INT STD	10.40	515.063 > 470.061	45268		14.763		na	147.6
36	M6PFDA	INT STD	10.40	519.033 > 474.03	42131		10.782		na	107.8
37	8:2FTS	39108-34-4	10.39	527.177 > 507.171	3171		9.634	1.72	NO	100.4
38	M2-8:2FTS	INT STD	10.39	529.162 > 509.155	4230		10.582		na	110.2
39	PFNS	68259-12-1	10.43	549.131 > 80.062	21684		9.967	2.04	NO	103.6

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

ID: WG1669313-4,537IMED
Name: I24241
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:SG
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.80	573.22 > 419.061	8795		9.629		na	96.3
41	br-NMeFOSAA	2355-31-9	10.64	570.202 > 419.061	462	M5,M7	2.215	0.83	NO	92.3
42	L-NMeFOSAA	2355-31-9	10.80	570.202 > 419.061	3892		6.762	1.93	NO	89.0
43	NMeFOSAA	2355-31-9		570.202 > 419.061	4354		8.977		na	
44	PFUnA	2058-94-8	10.95	563.086 > 519.076	42724		9.826	5.17	NO	98.3
45	M7-PFUDA	INT STD	10.95	570.033 > 525.031	42191		10.696		na	107.0
46	PFDS	335-77-3	10.97	598.926 > 80.062	17985		10.859	2.23	NO	112.5
47	FOSA	754-91-6	10.89	498.146 > 78.07	59237		9.499	46.60	NO	95.0
48	M8FOSA	INT STD	10.89	506.077 > 78.07	64790		10.367		na	103.7
49	d5-NEtFOSAA	INT STD	11.09	589.259 > 419.061	8665		9.247		na	92.5
50	br-NEtFOSAA	2991-50-6	10.95	584.229 > 419.061	492	M5,M7	2.214	0.77	NO	98.4
51	L-NEtFOSAA	2991-50-6	11.10	584.229 > 419.061	3972		7.070	1.32	NO	91.2
52	NEtFOSAA	2991-50-6		584.229 > 419.061	4464		9.284		na	
53	PFDoA	307-55-1	11.43	613.094 > 569.084	44529		9.190	5.95	NO	91.9
54	MPFDOA	INT STD	11.43	615.079 > 570.077	50256		10.789		na	107.9
55	PFTrDA	72629-94-8	11.85	663.102 > 619.092	27731		9.871	4.21	NO	98.7
56	PFTA	376-06-7	12.21	713.11 > 669.1	25432		9.314	7.48	NO	93.1
57	M2PFTEDA	INT STD	12.21	715.094 > 670.092	29137		11.367		na	113.7
58	M3HFPO-DA	INT STD	7.25	287.02 > 169.022	54059		207.058		na	103.5
59	HFPO-DA	13252-13-6	7.25	285.035 > 169.022	24566		85.280	22.02	NO	85.3
60	ADONA	958445-44-8	8.26	377.06 > 251.028	80955		8.652	30.36	NO	91.6
61	PFHxDA		12.69	813.122 > 769.116	36946		9.399	19.97	NO	94.0
62	PFODA		12.90	913.411 > 869.131	5767		6.446	18.81	NO	64.5
63	M2PFHxDA		12.69	815.102 > 770.108	32646		11.653		na	116.5
64	PFDoS		11.84	699.154 > 80.062	17489		9.812	1.84	NO	101.4
65	M2D4-10:2FTS		11.44	633.201 > 612.189	4496		20.677		na	105.5
66	10:2FTS		11.44	627.192 > 607.186	2634		8.336	1.85	NO	86.3
67	9CL-PF3ONS		10.18	530.862 > 350.843	39086		10.125	4.31	NO	108.5
68	11CL-PFOUdS		11.23	630.862 > 450.854	22477		10.357	2.54	NO	109.8

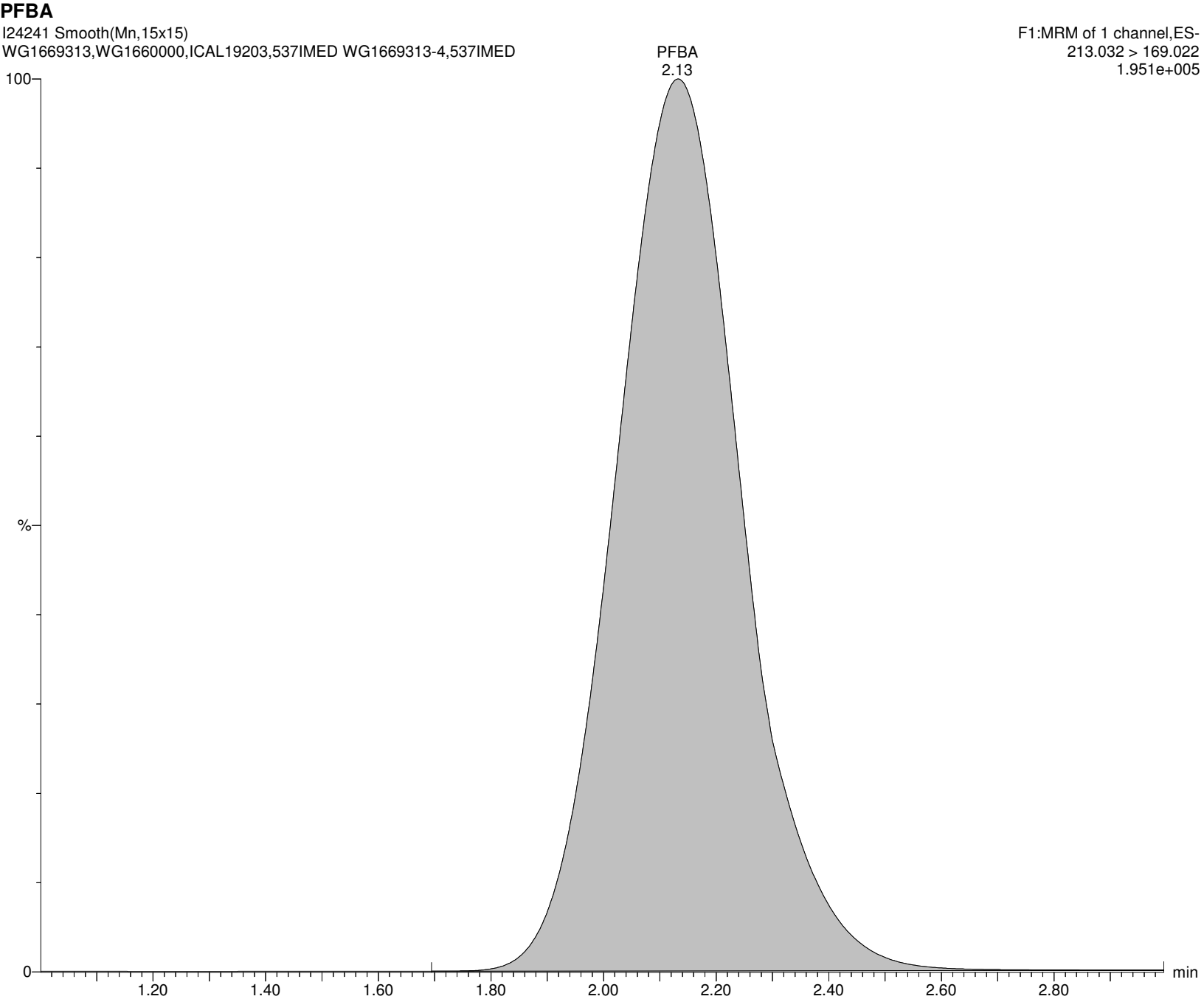
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220730_537ISO.PRO\MethDB\537ISO_Q_220725_RT.mdb 29 Jul 2022 09:44:29
Calibration: C:\MassLynx\Data\2022\220730_537ISO.PRO\CurveDB\220725_ICAL.cdb 26 Jul 2022 09:37:13

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFBA

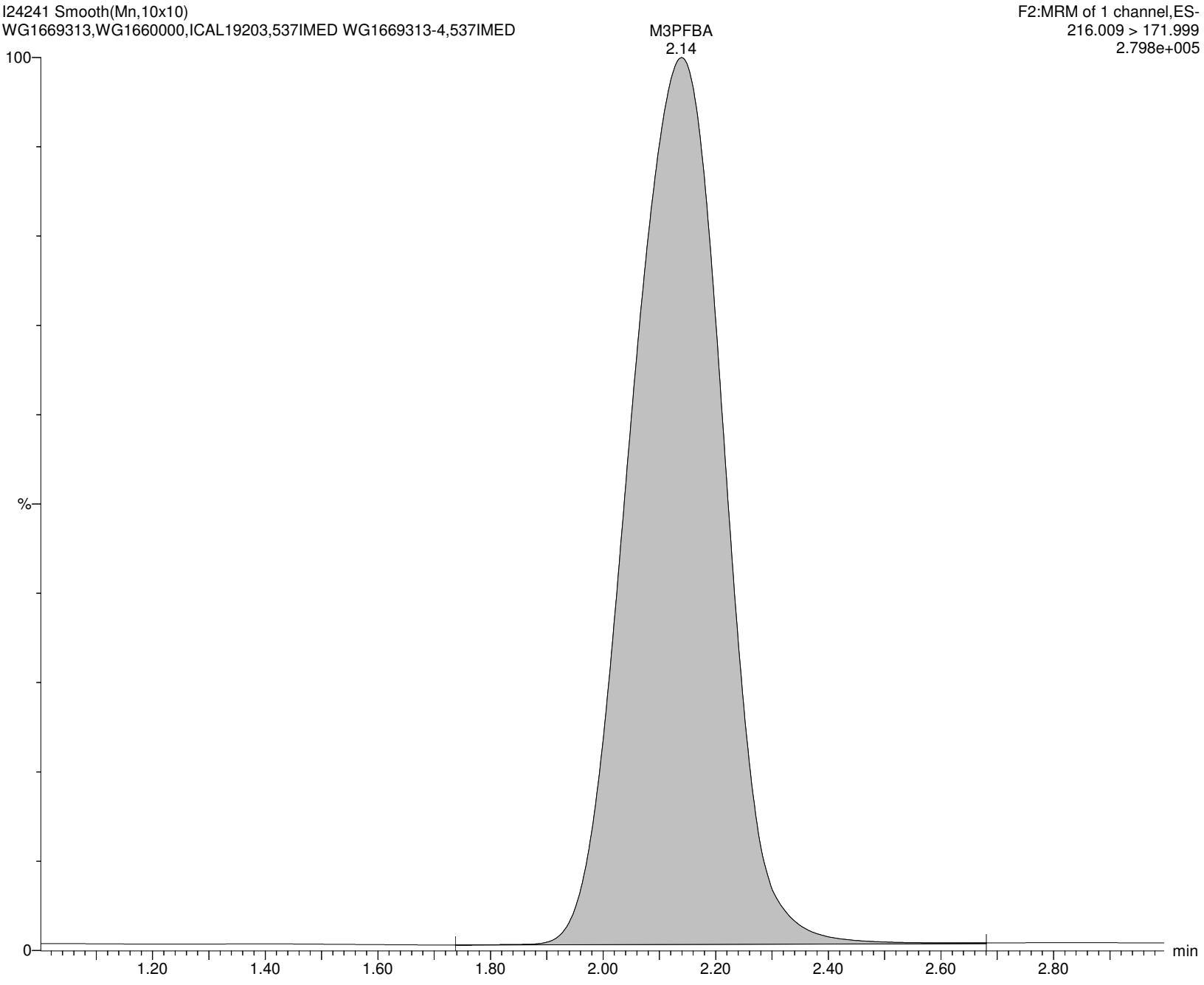


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M3PFBA

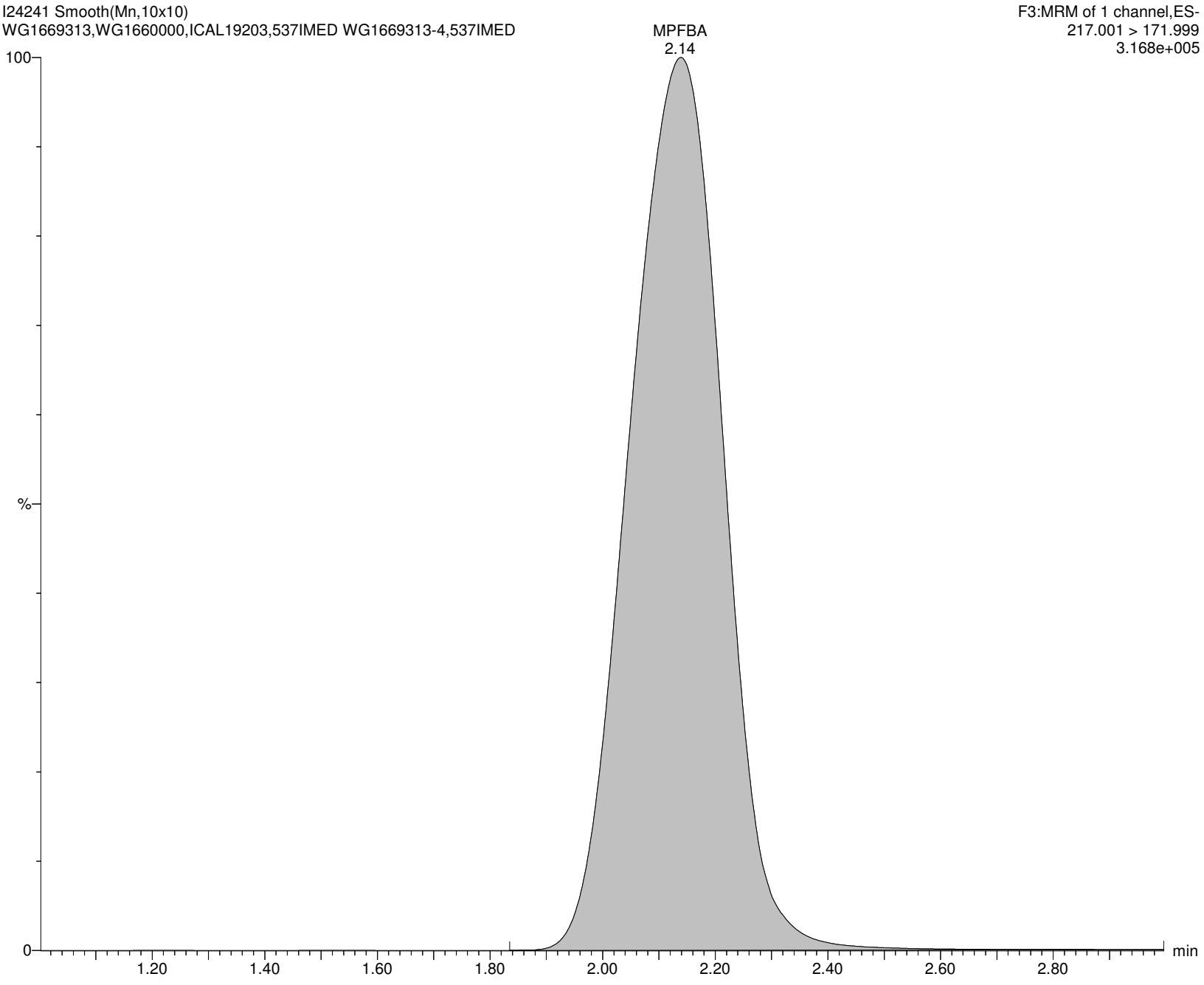


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

MPFBA

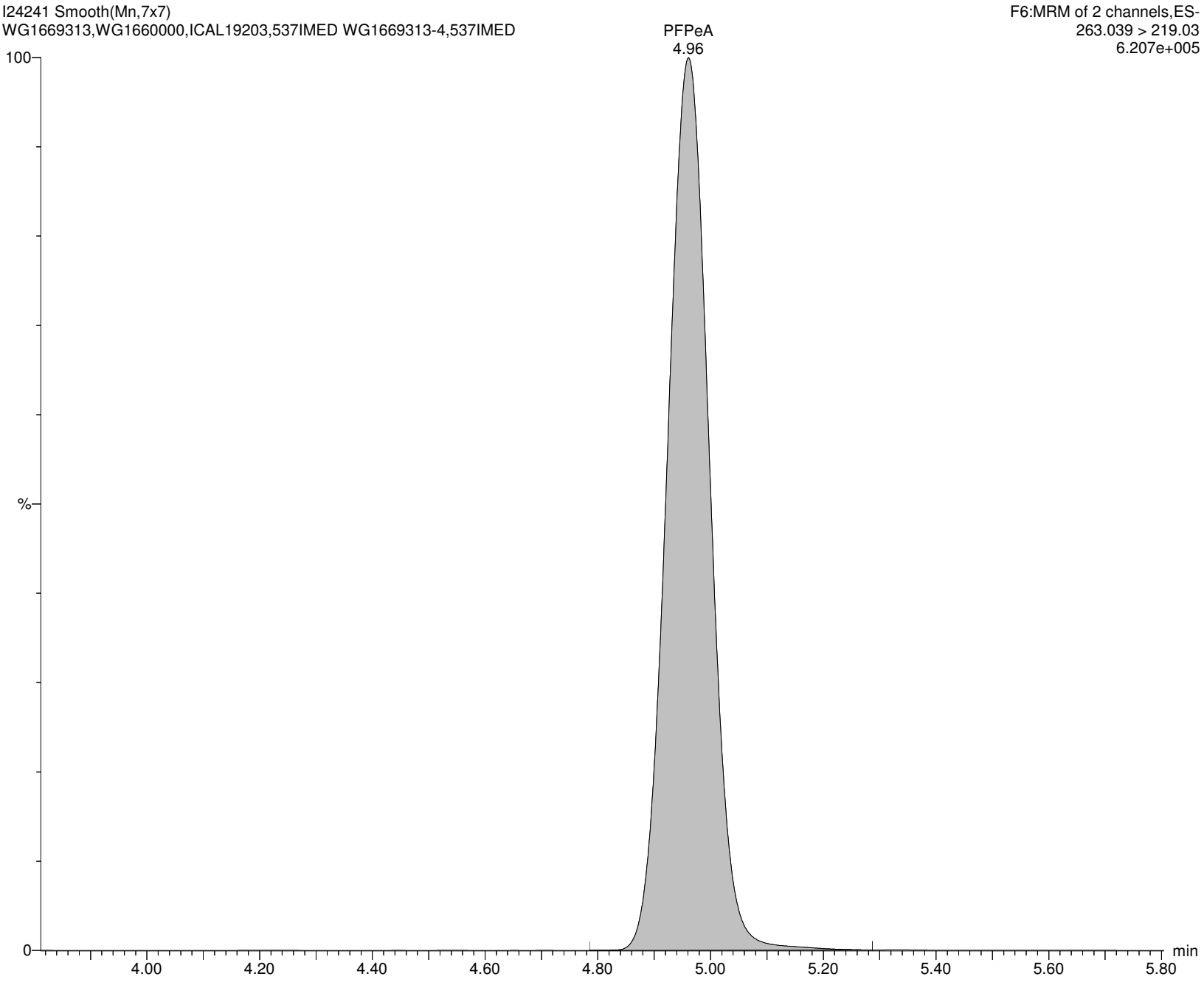


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFPeA

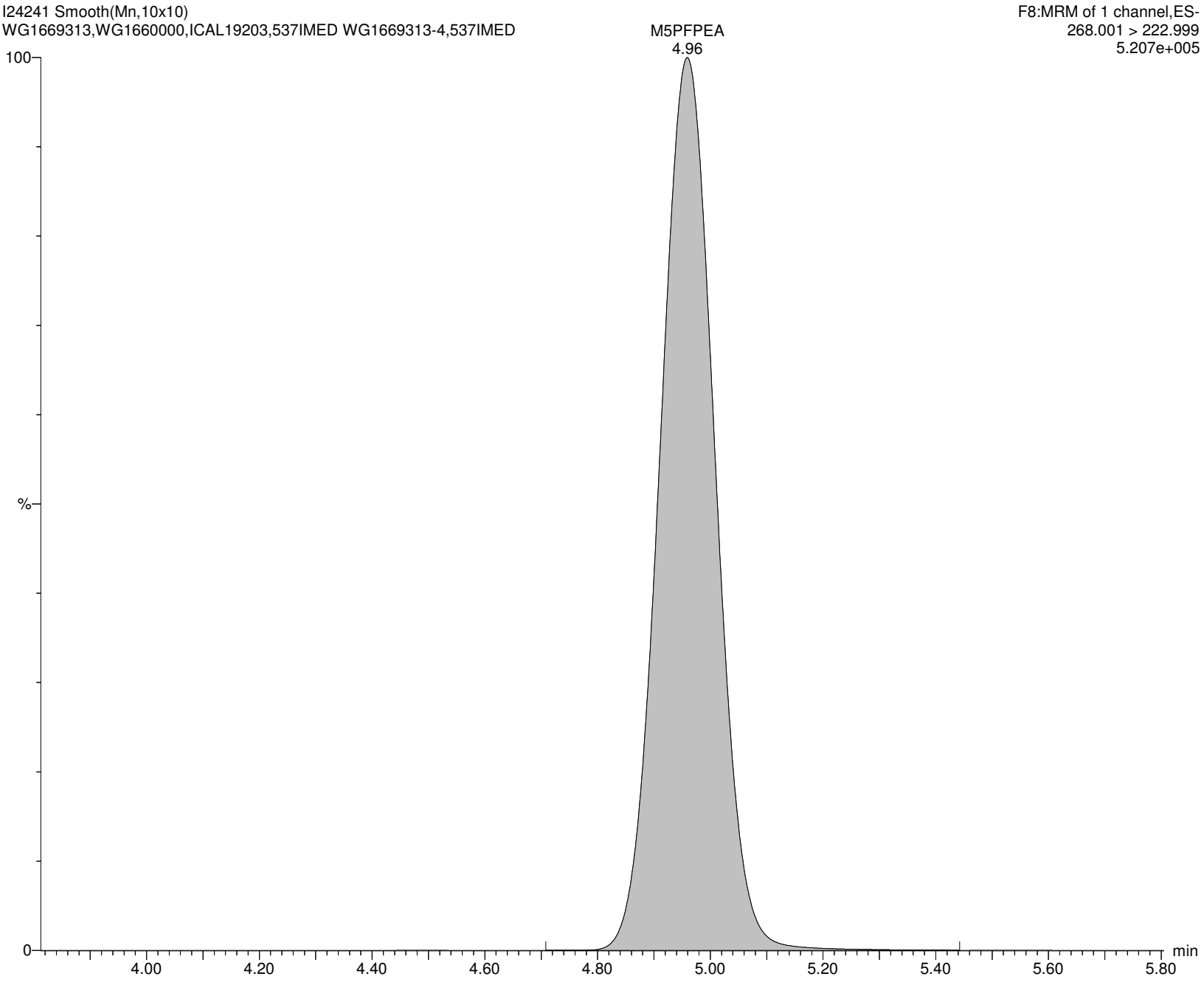


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M5PFPEA

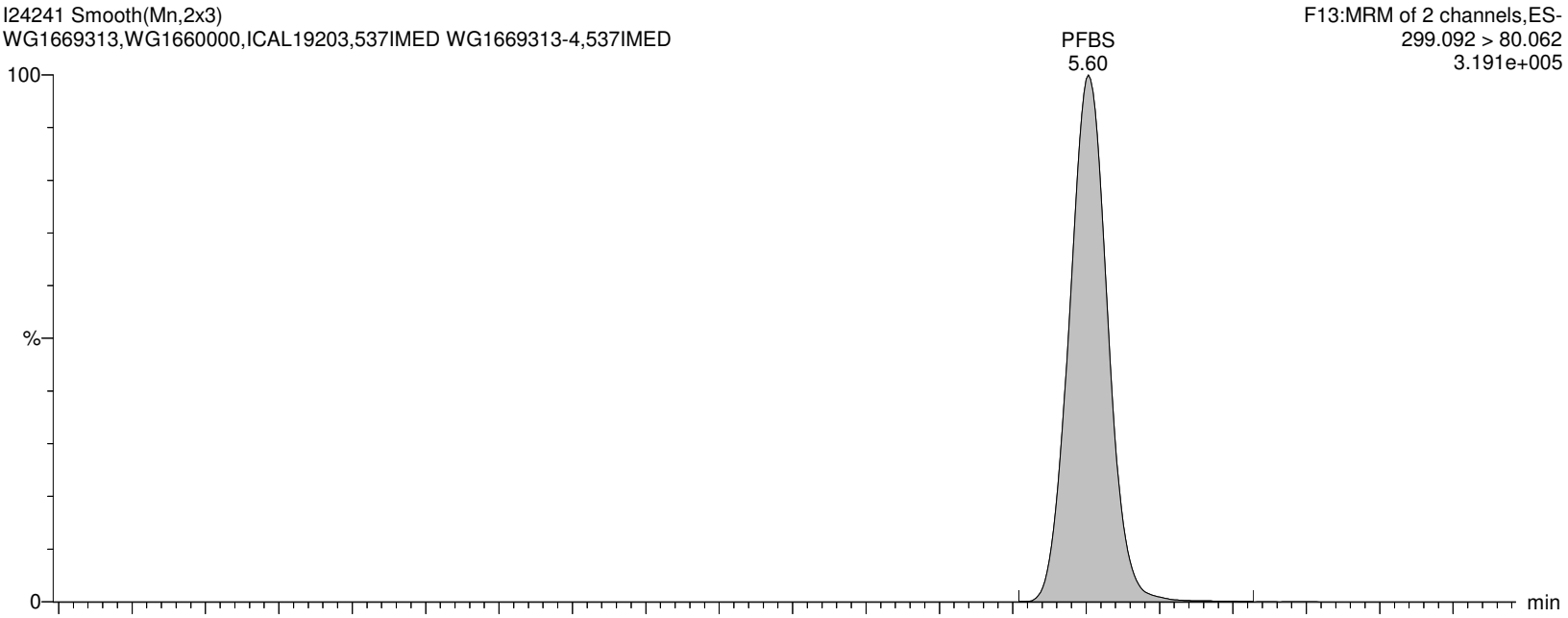


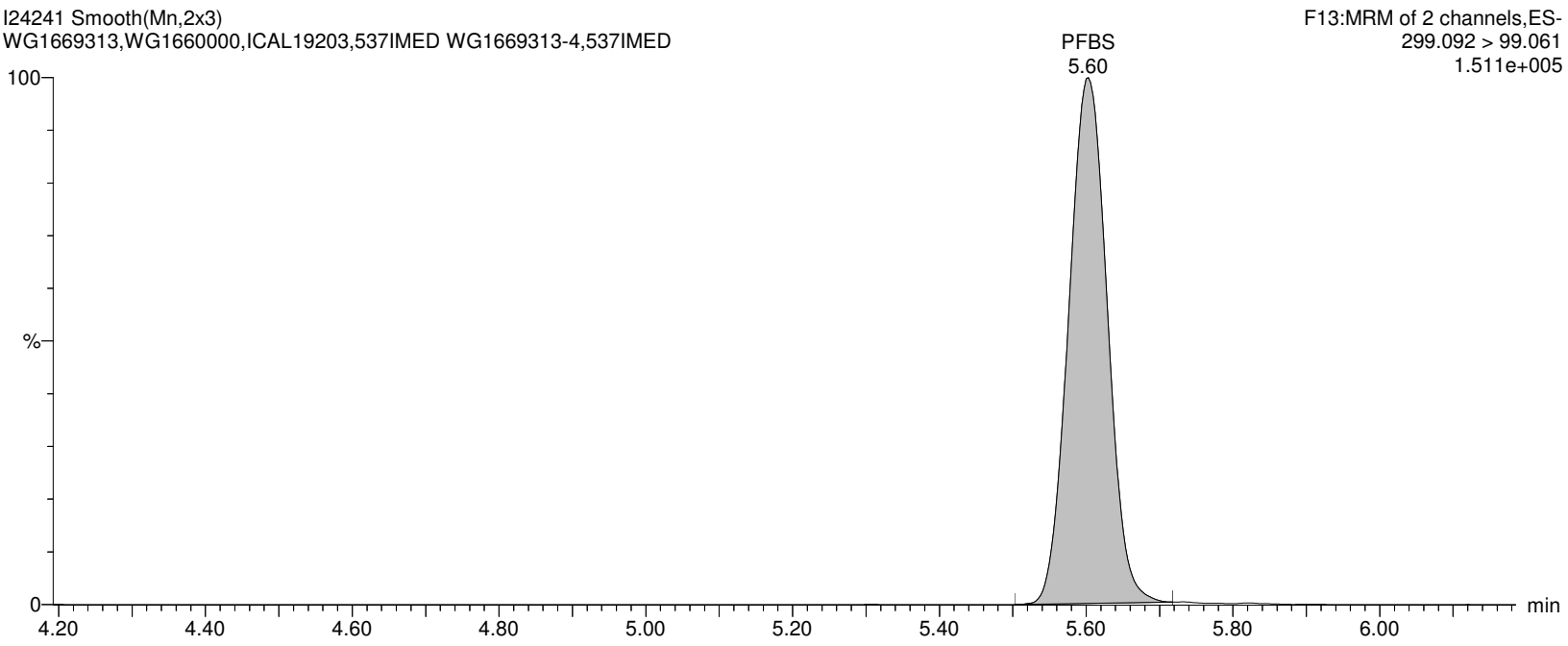
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFBS



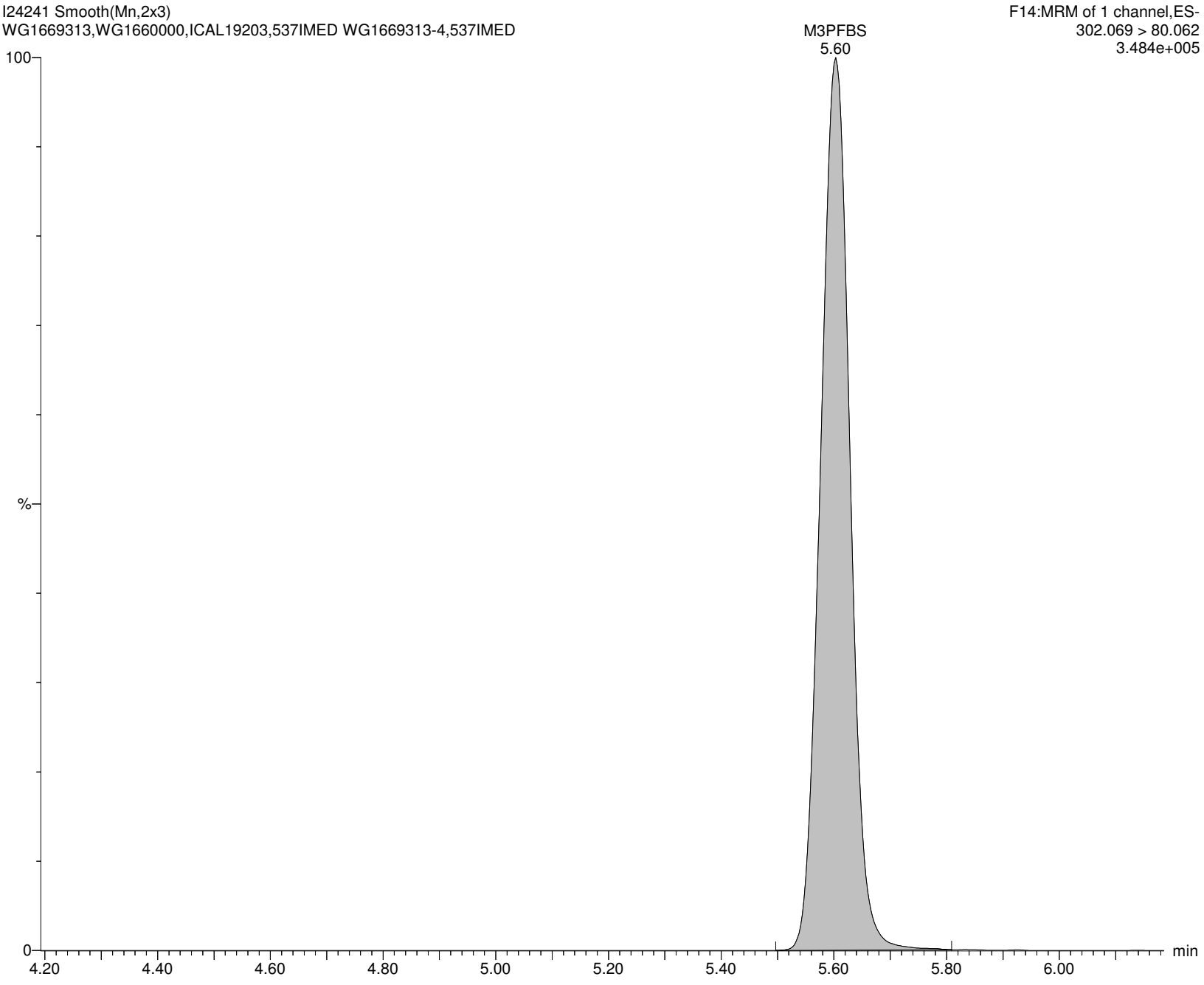


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M3PFBS

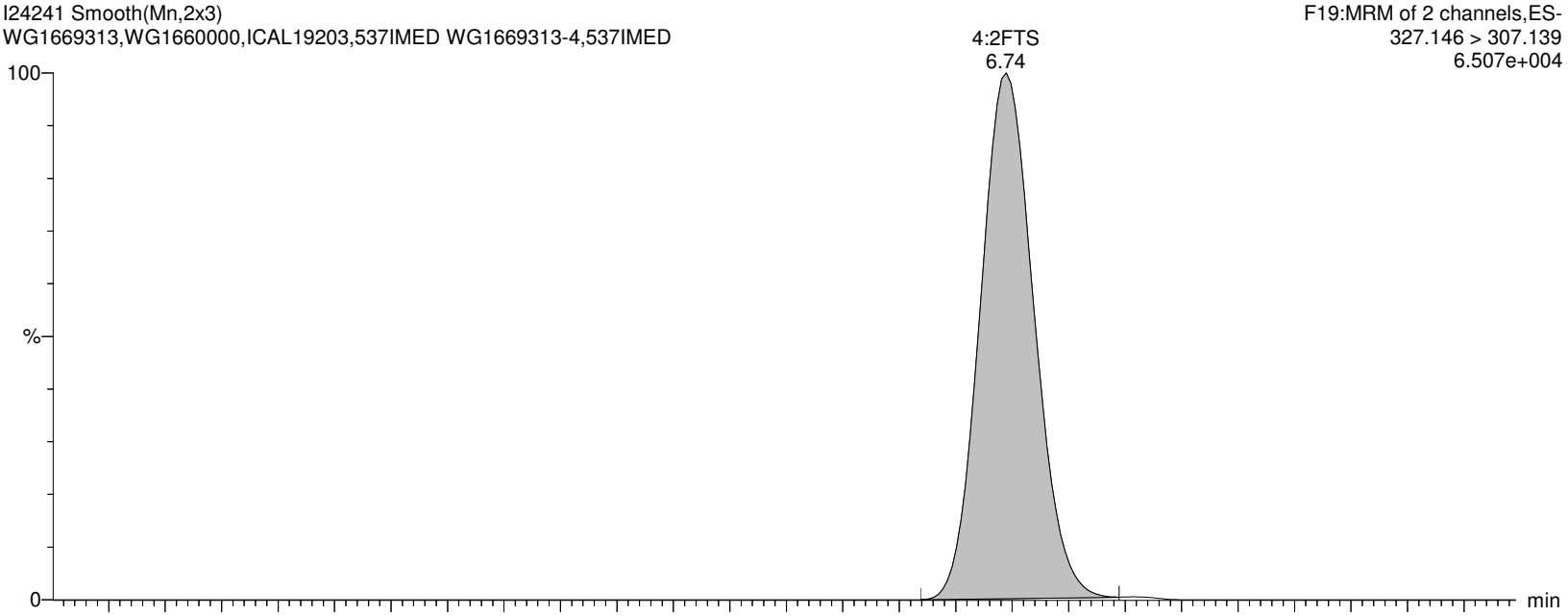


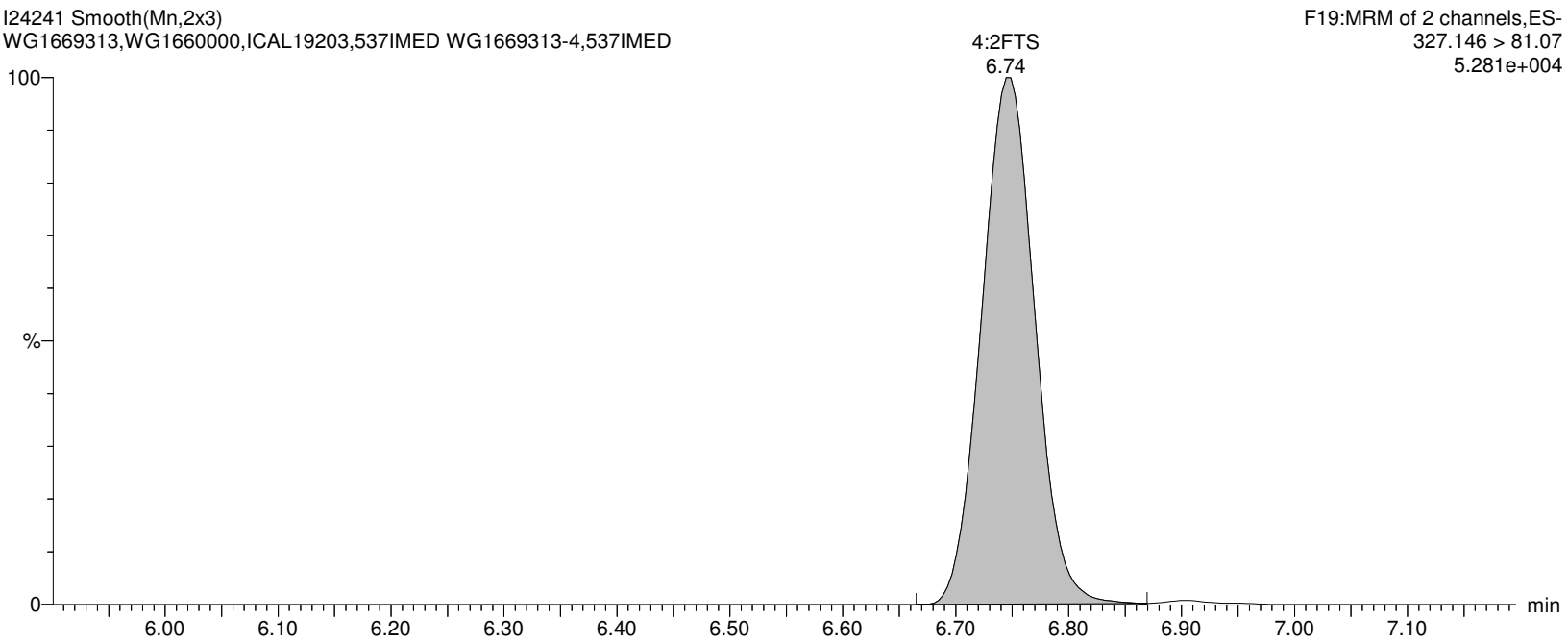
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

4:2FTS



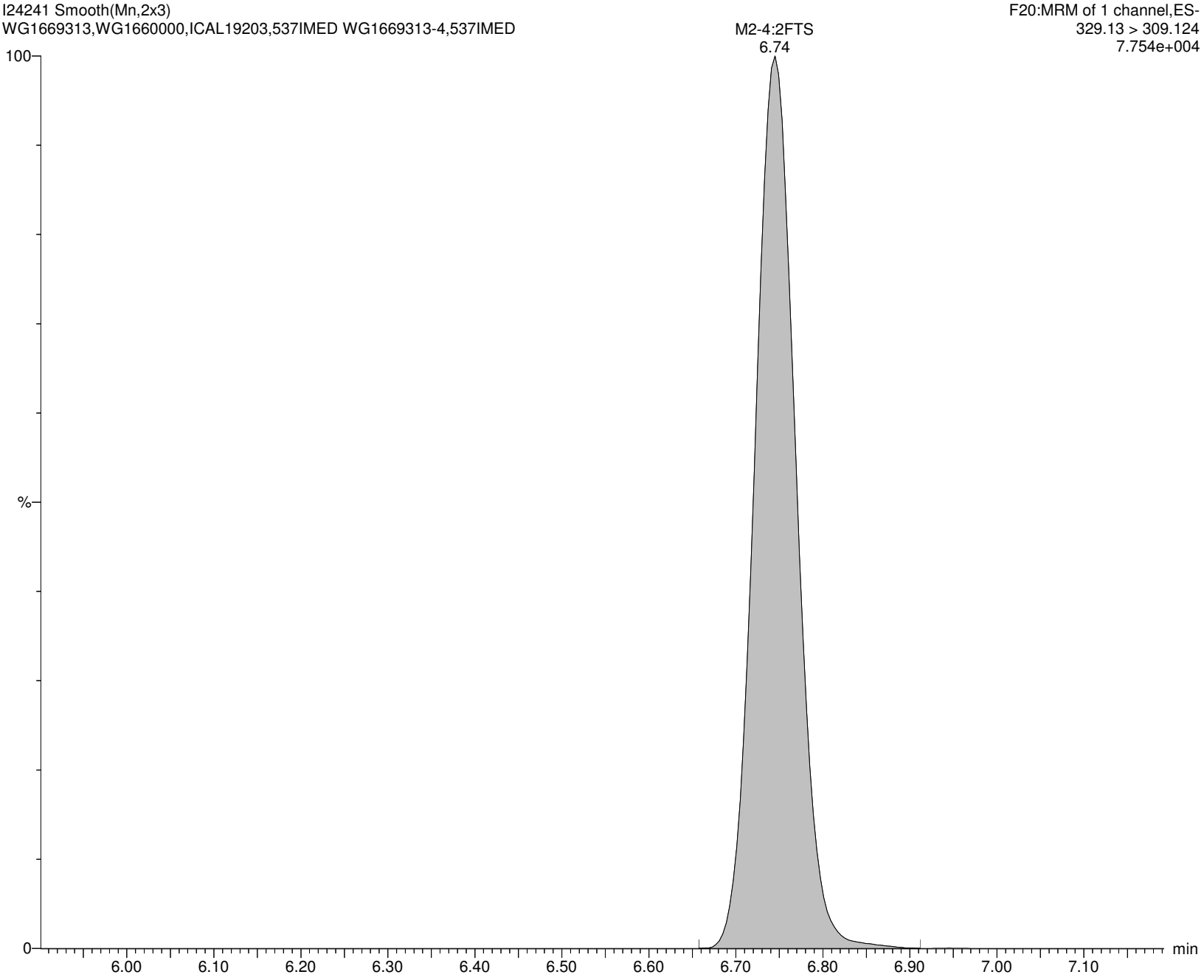


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2-4:2FTS

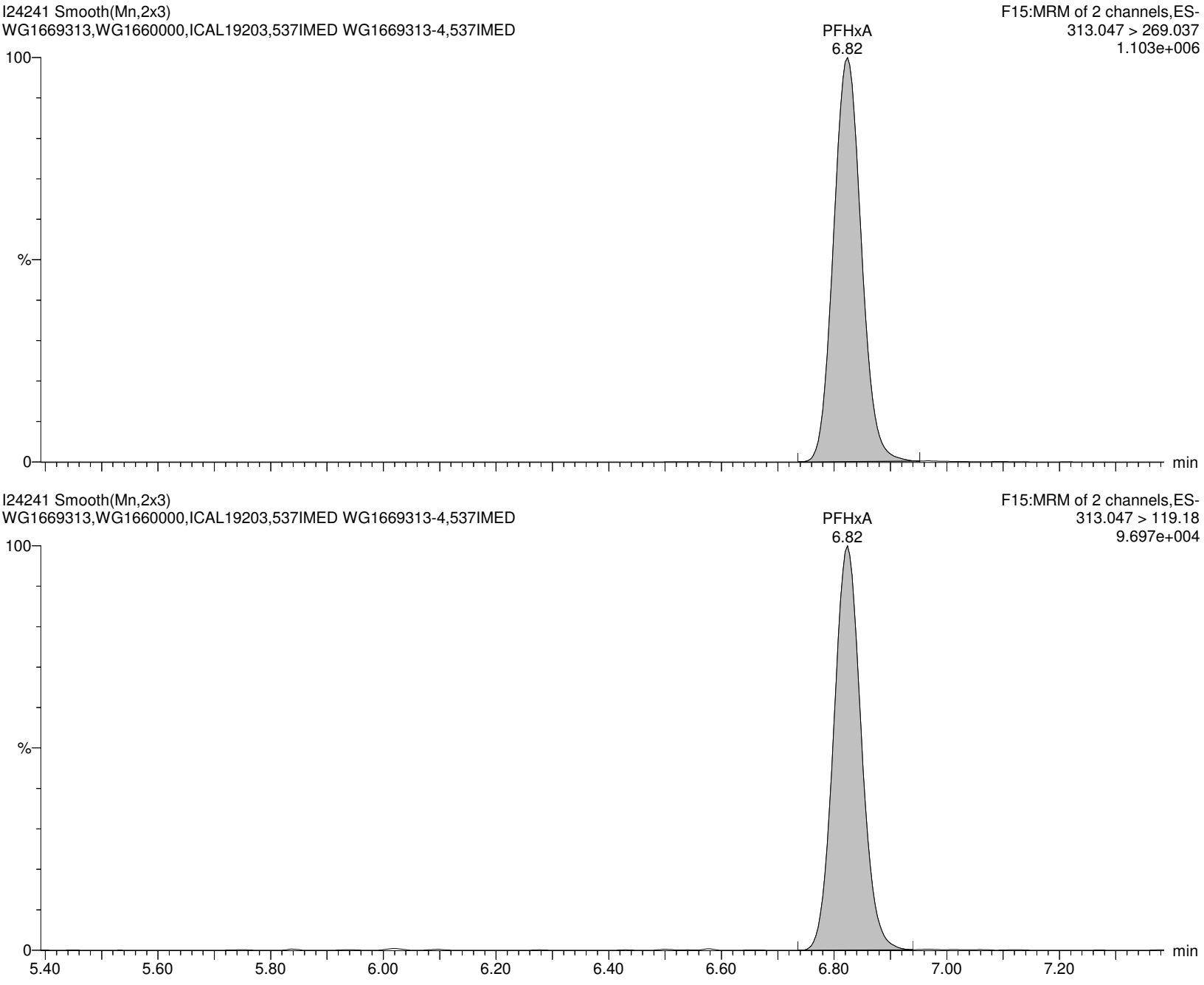


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFHxA

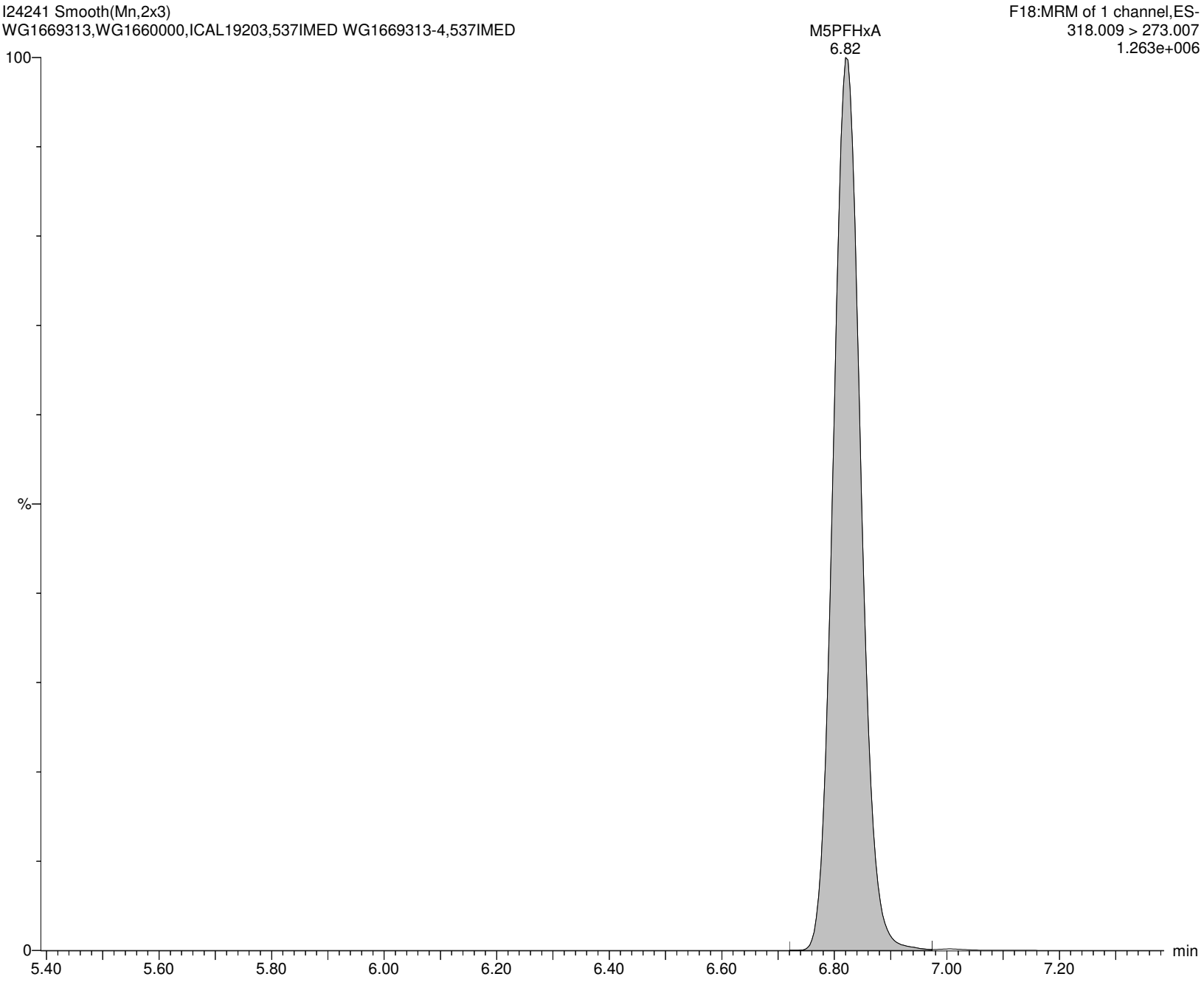


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M5PFHxA

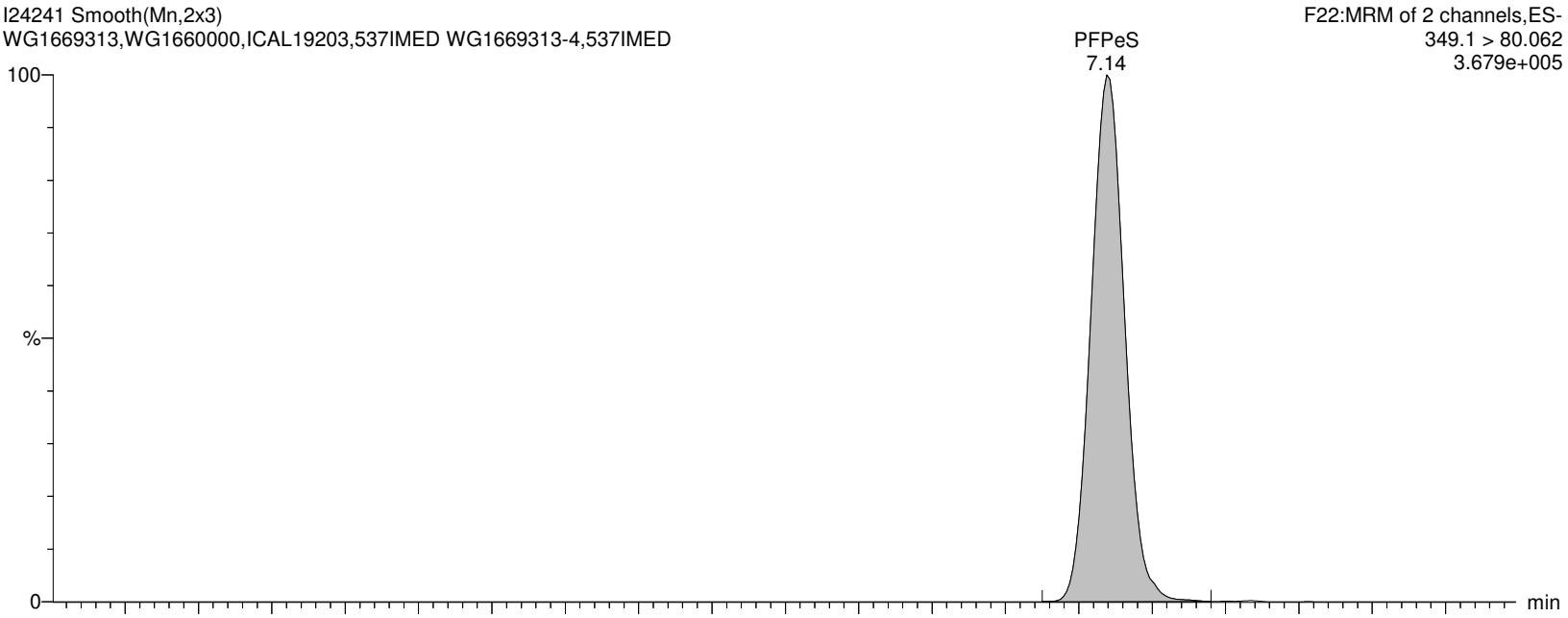


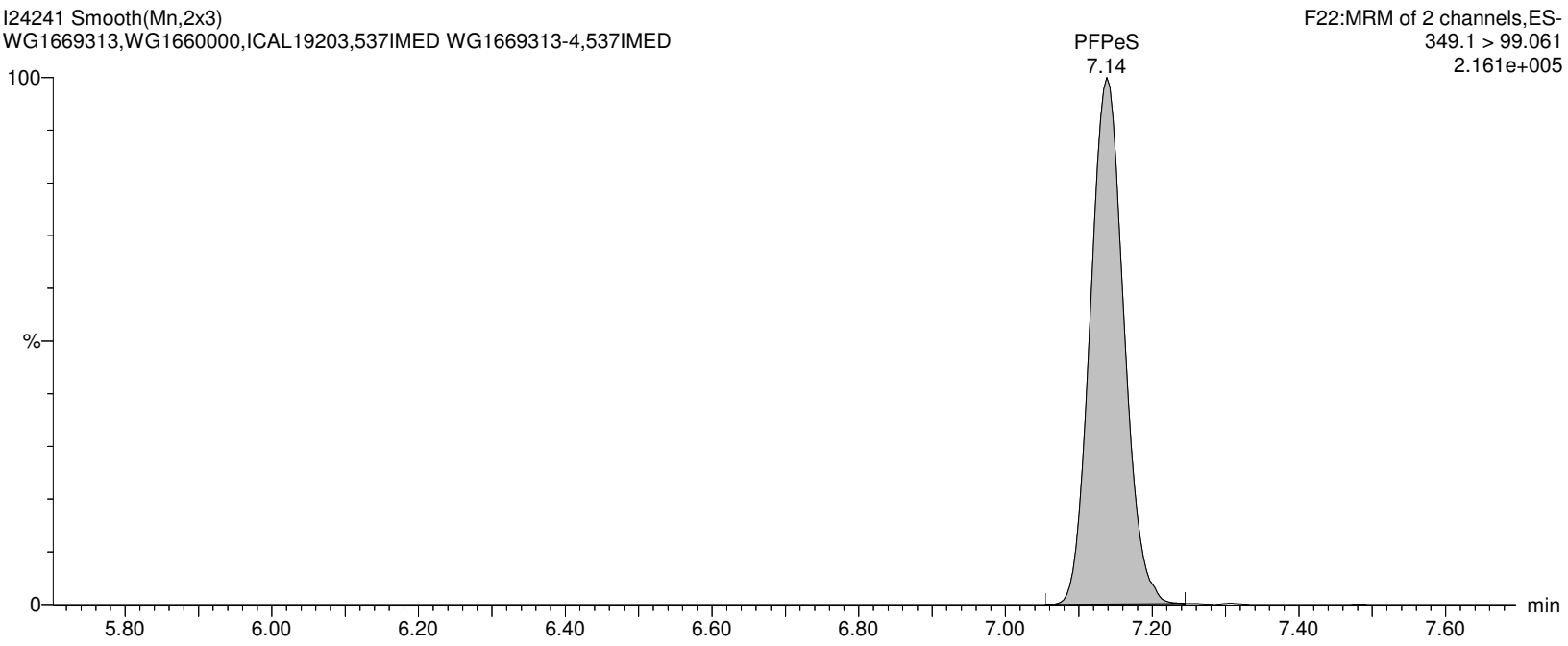
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFPeS



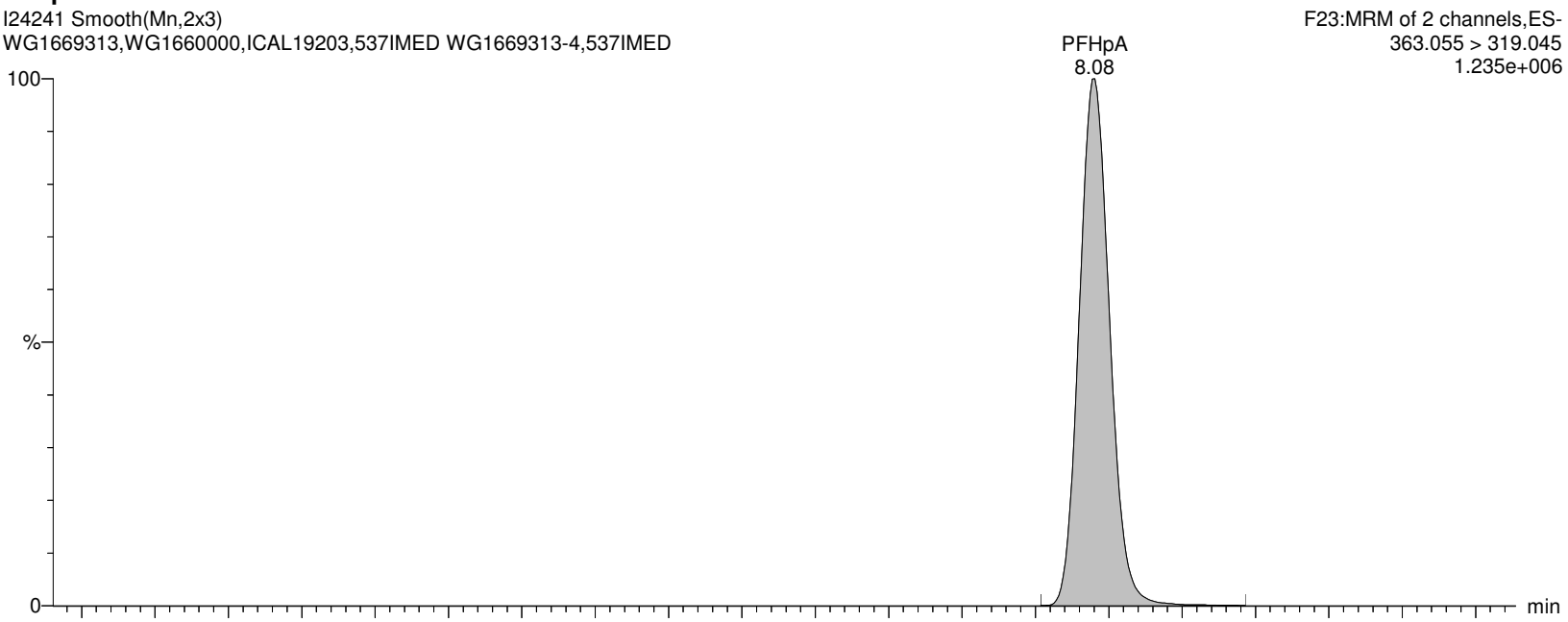


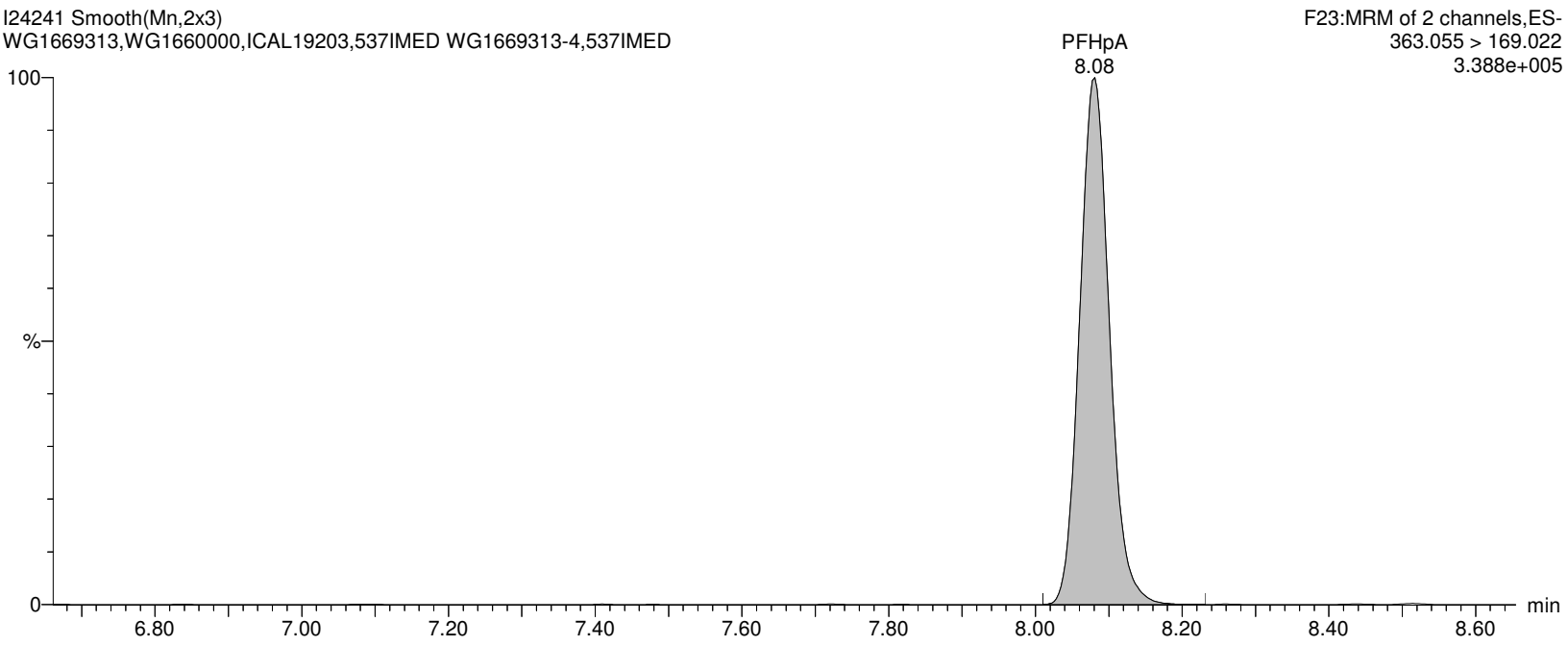
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFHpA



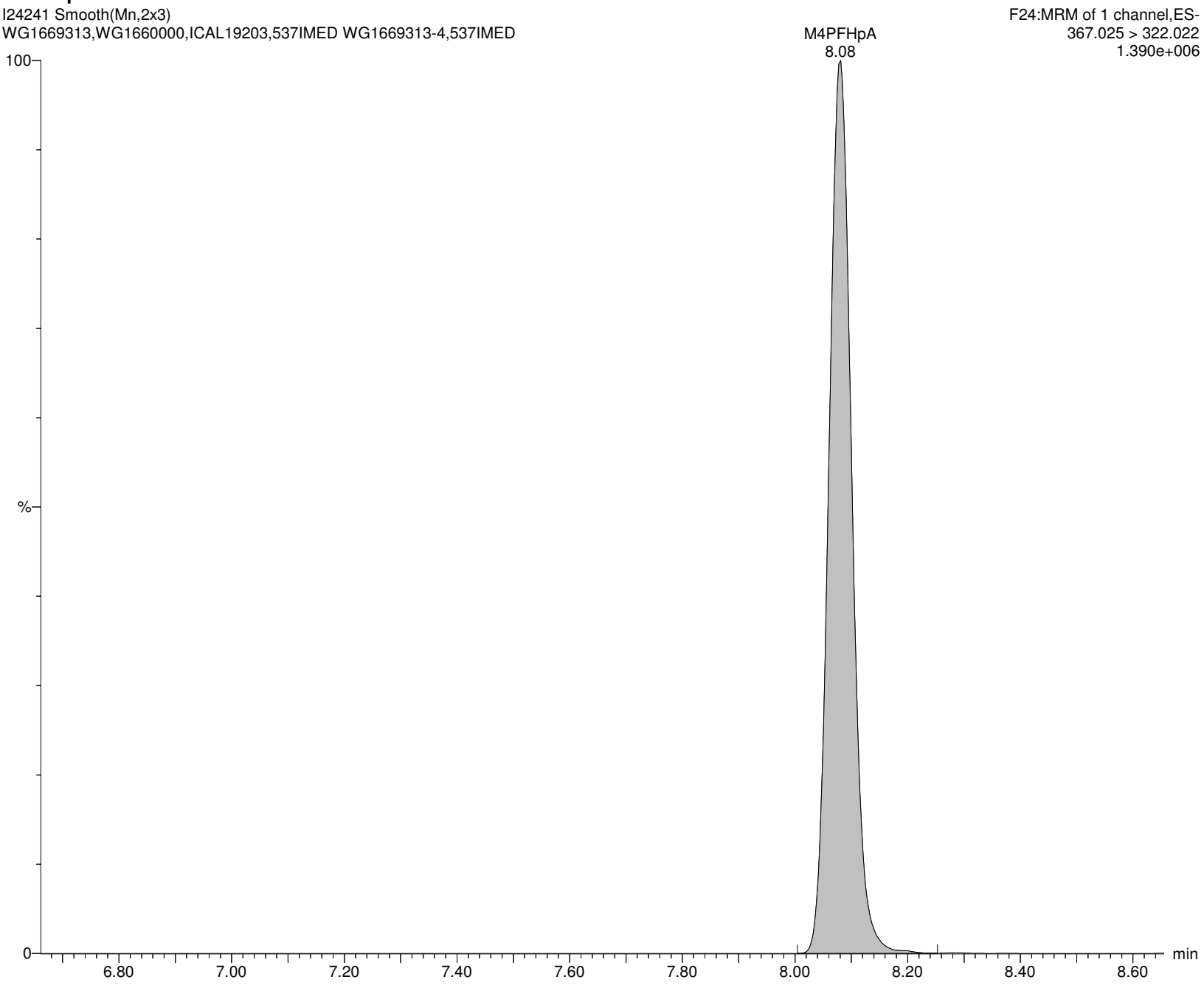


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M4PFHpA

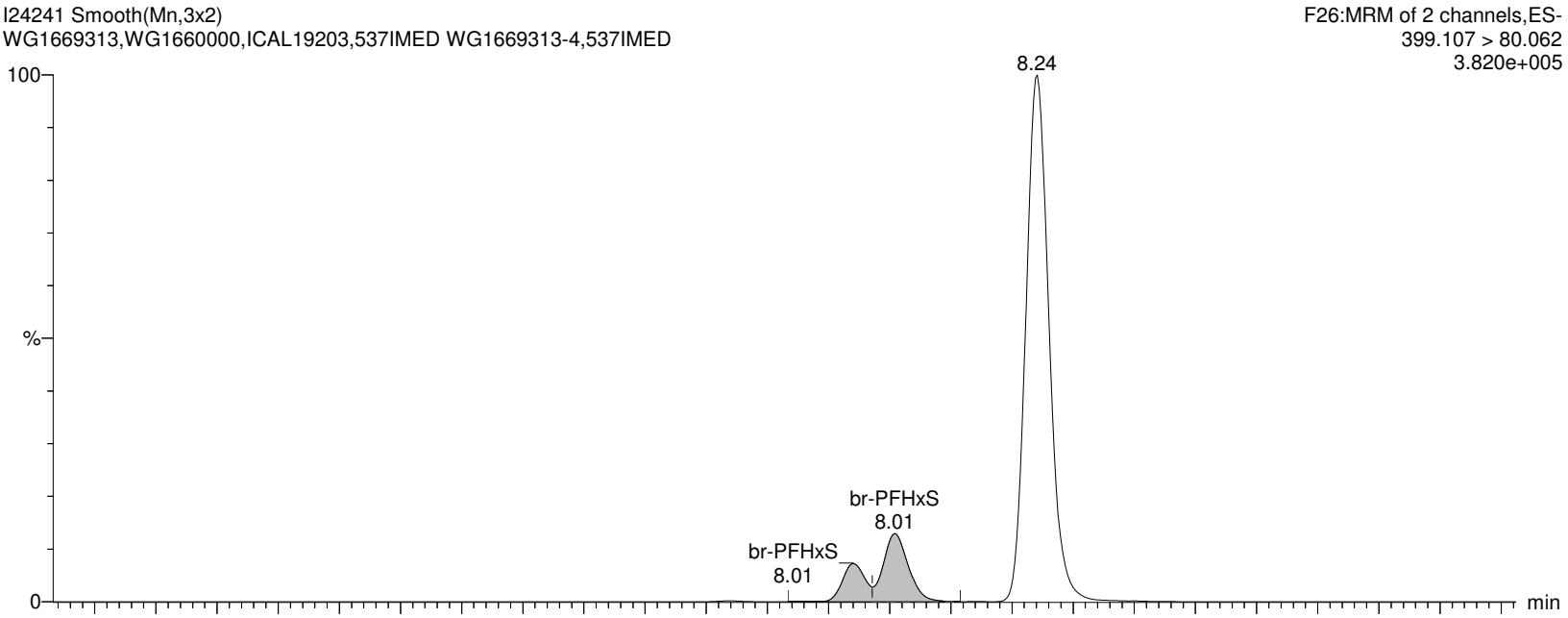


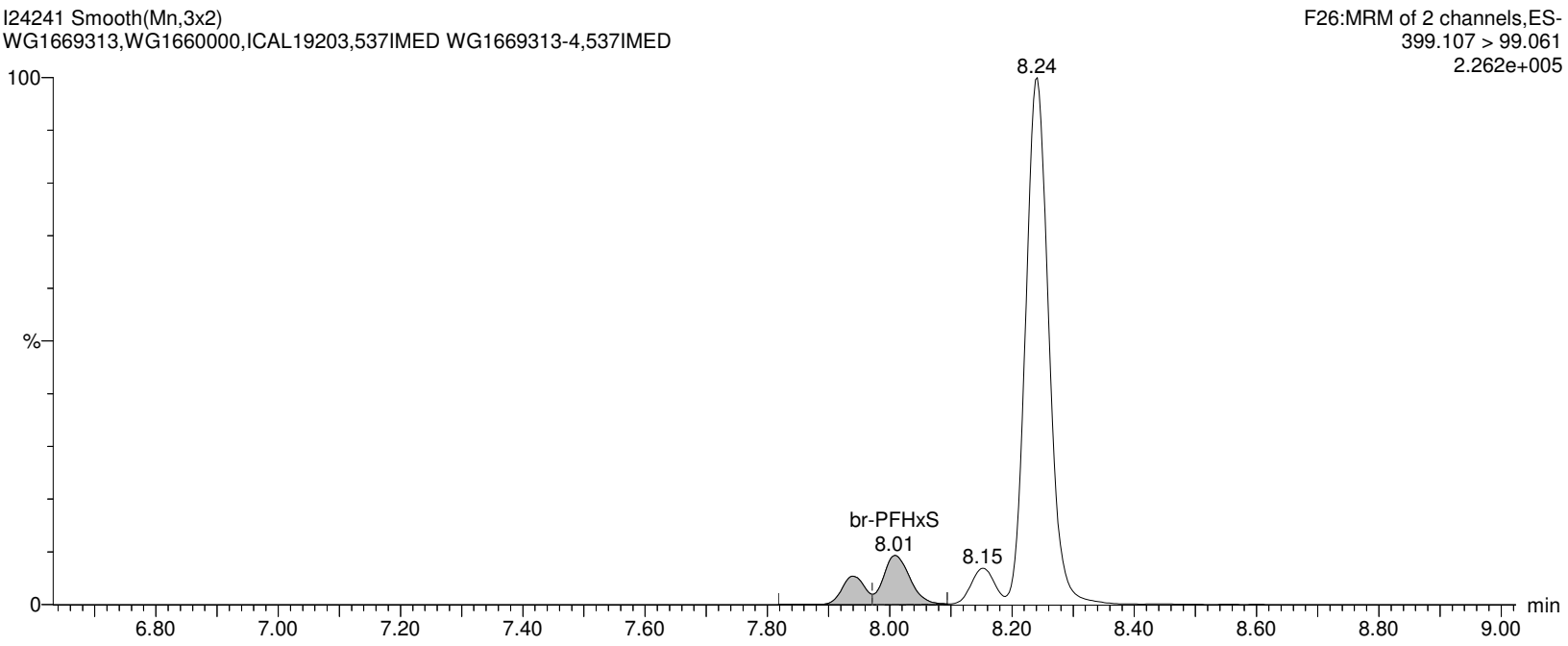
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

br-PFHxS



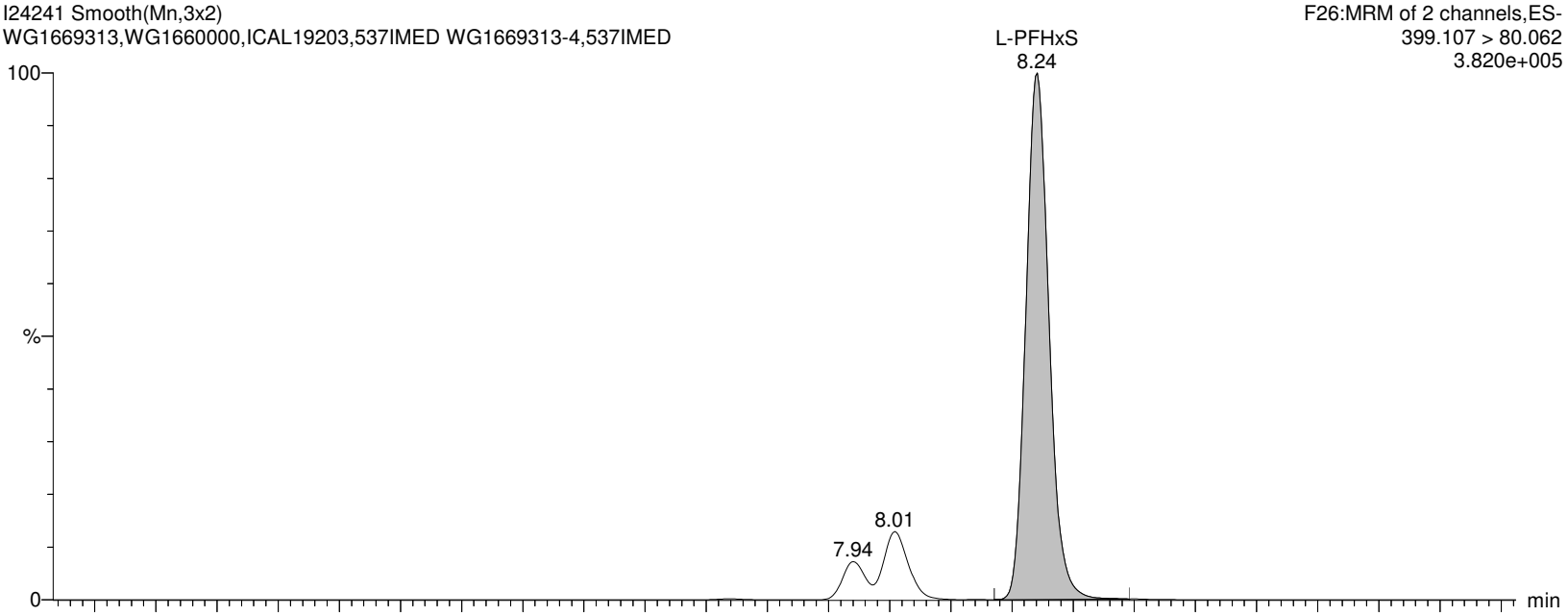


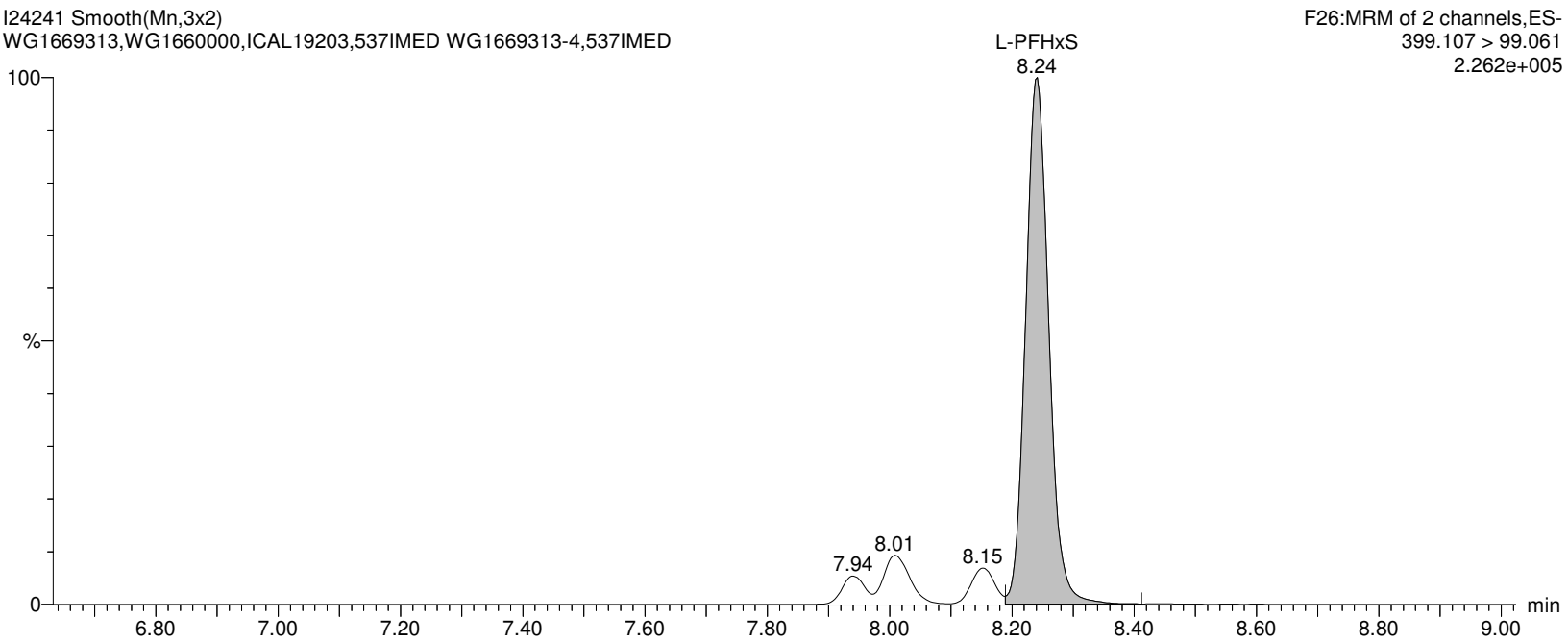
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

L-PFHxS



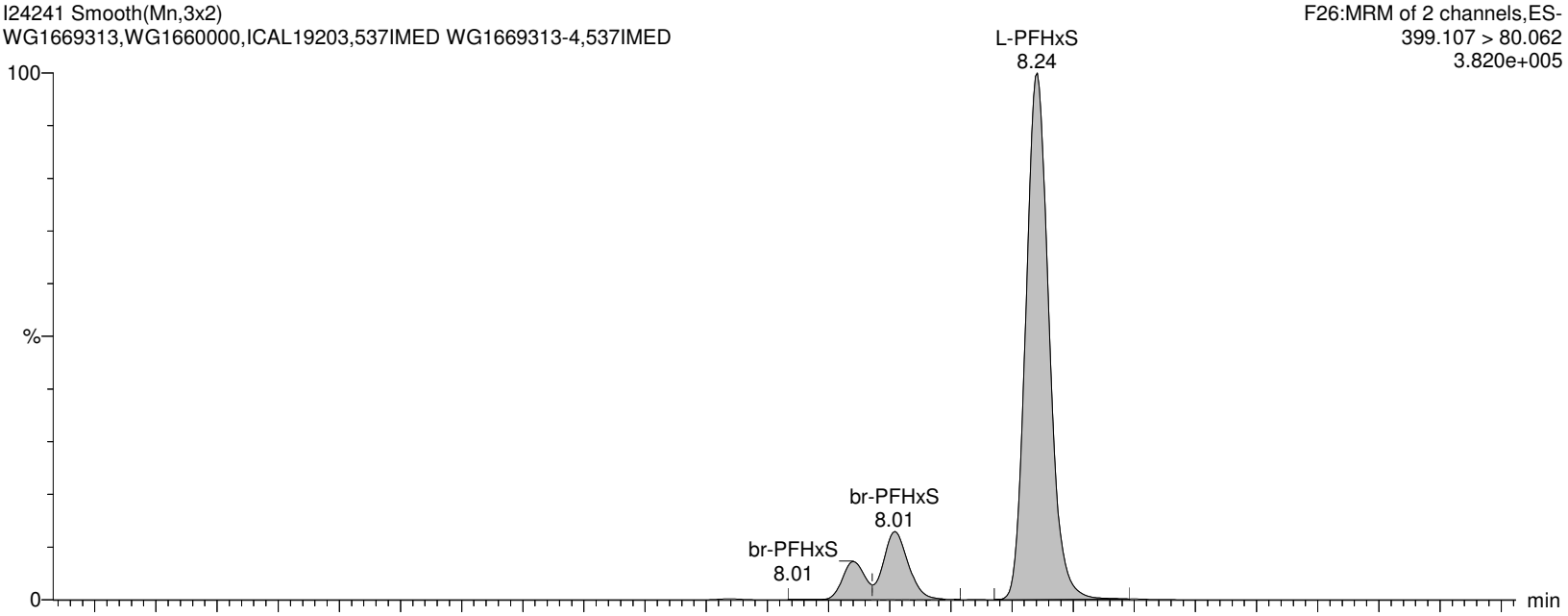


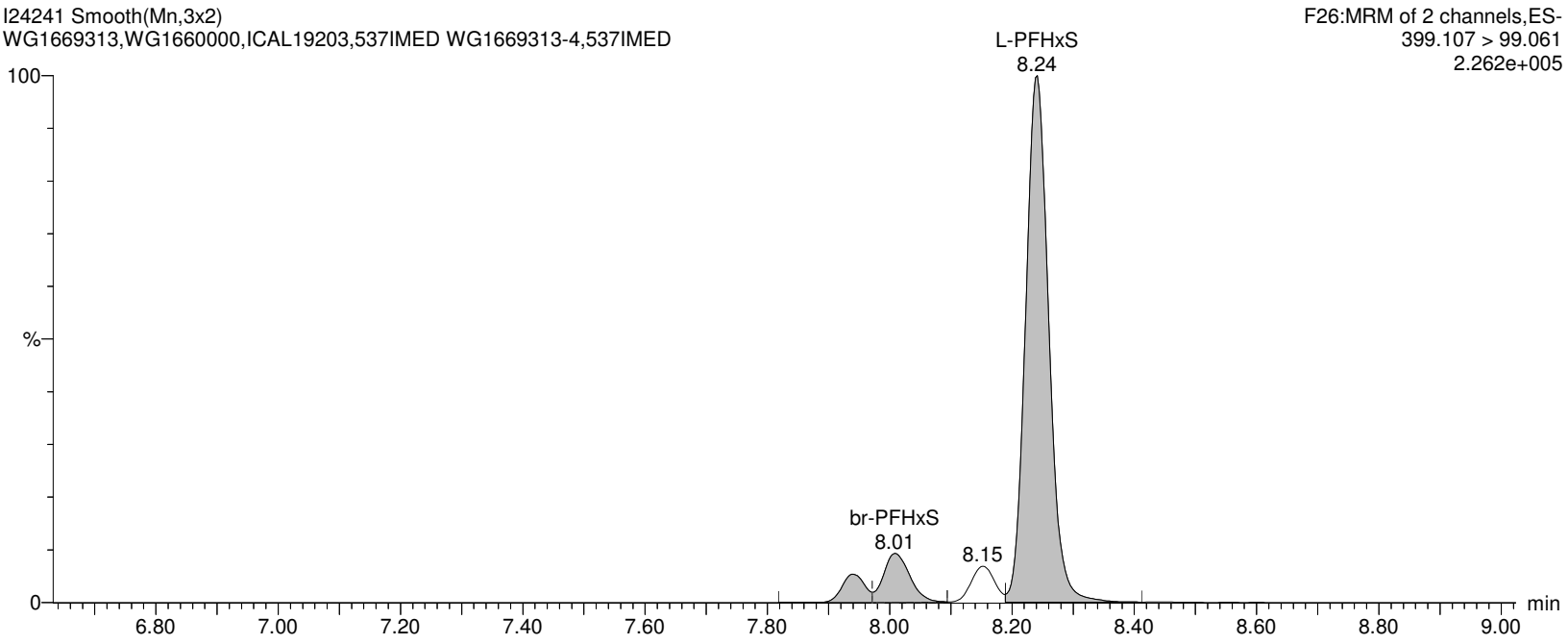
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFHxS



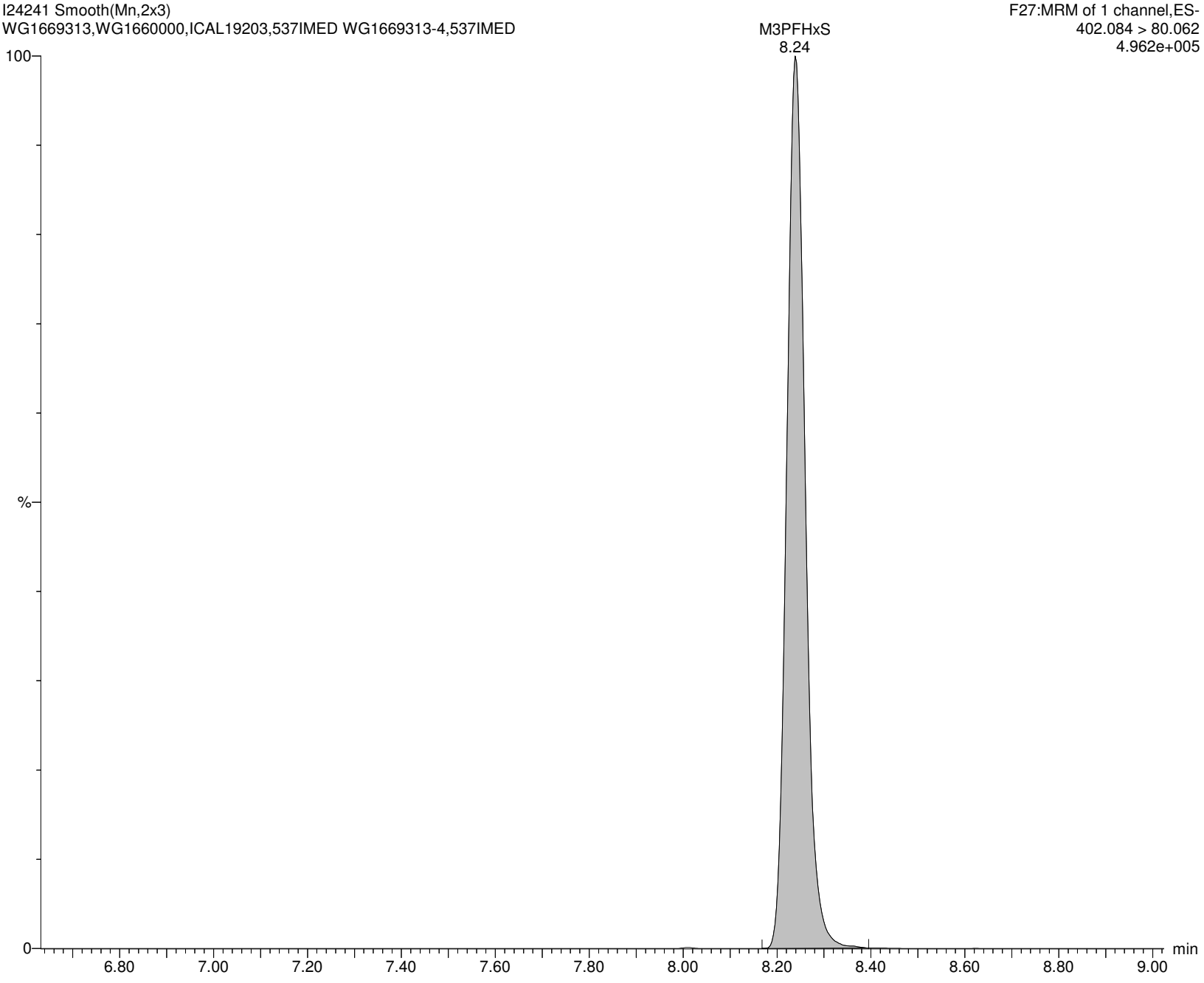


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M3PFHxS

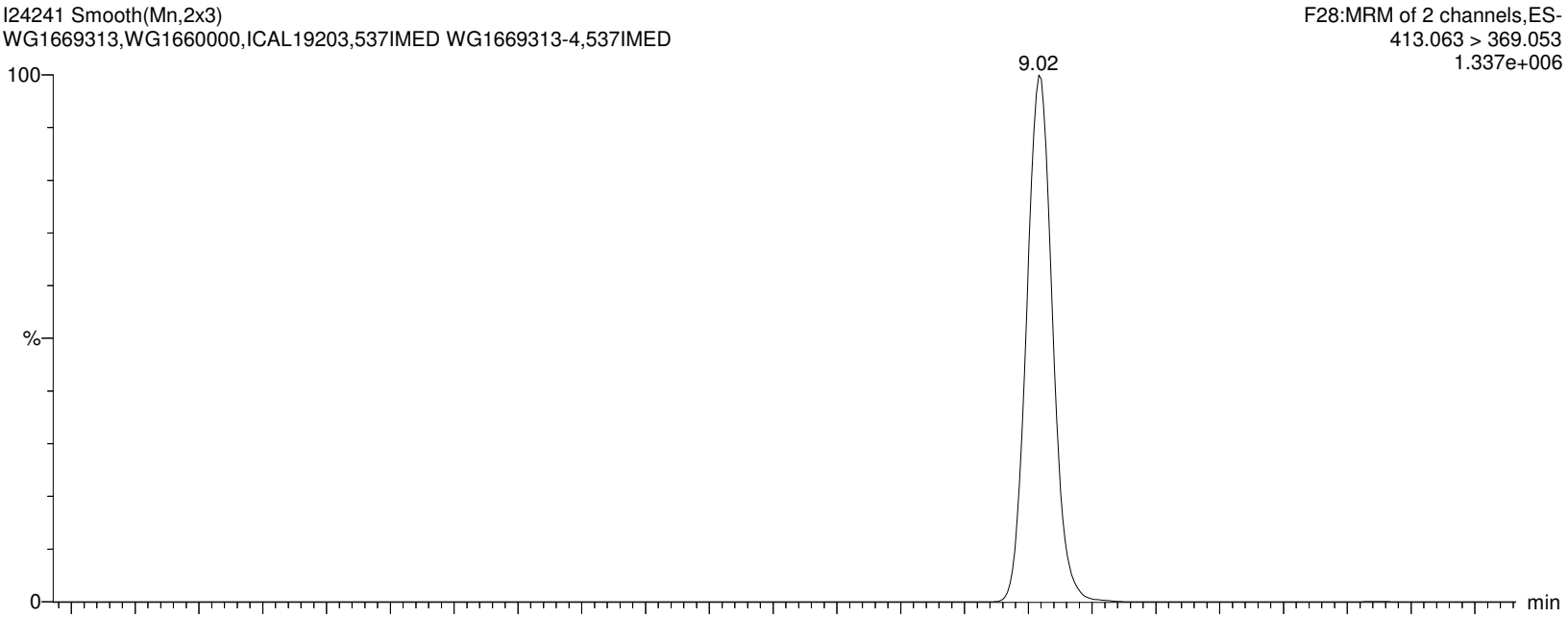


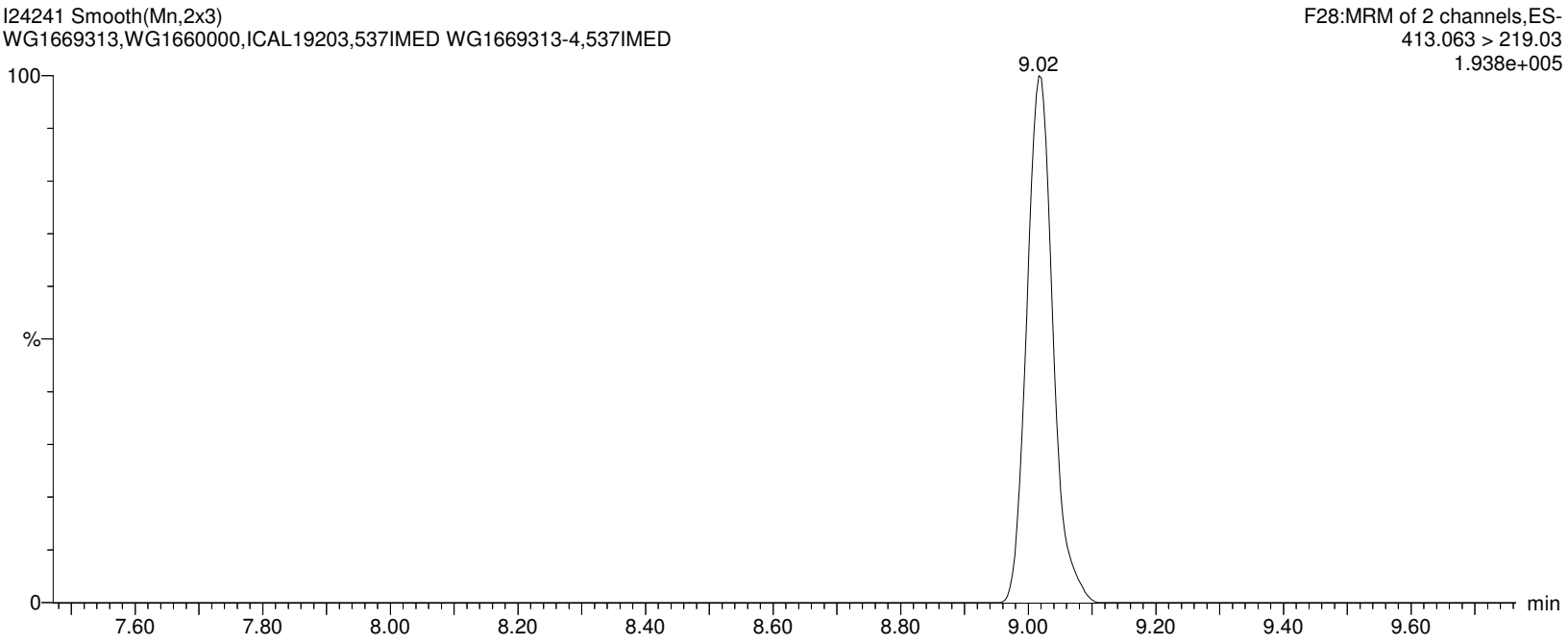
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

br-PFOA



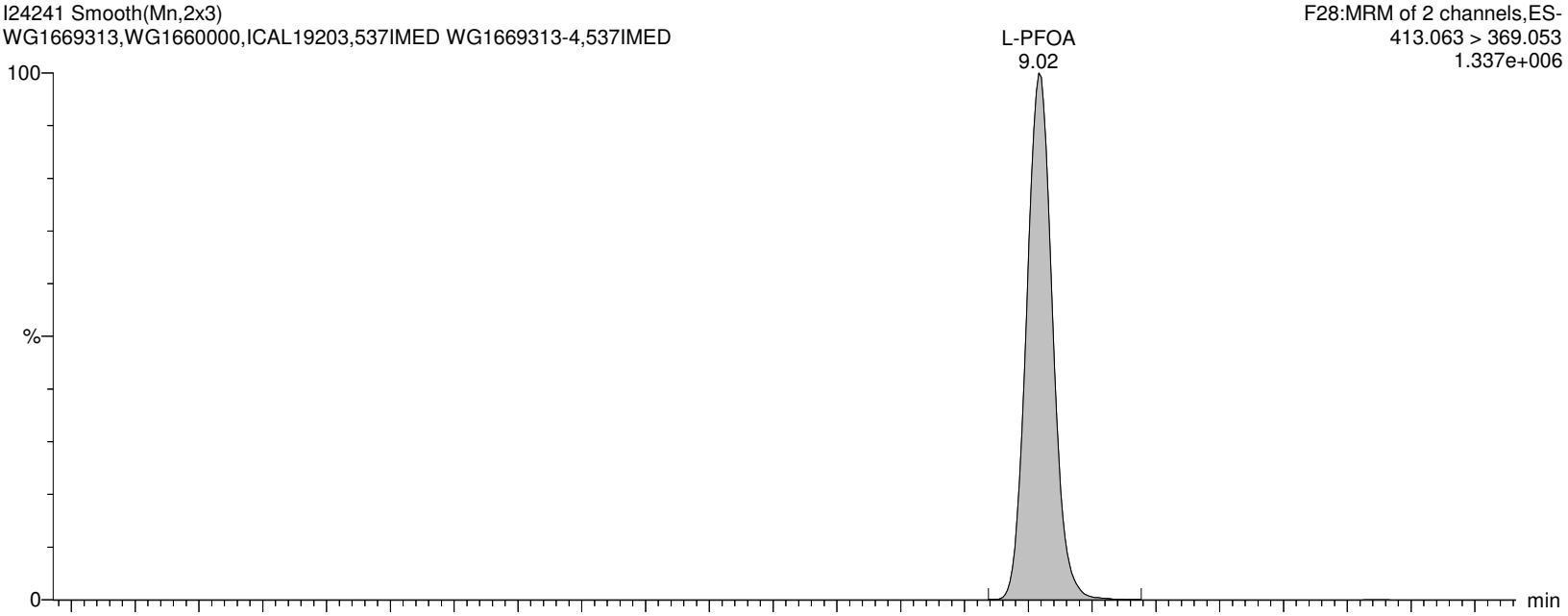


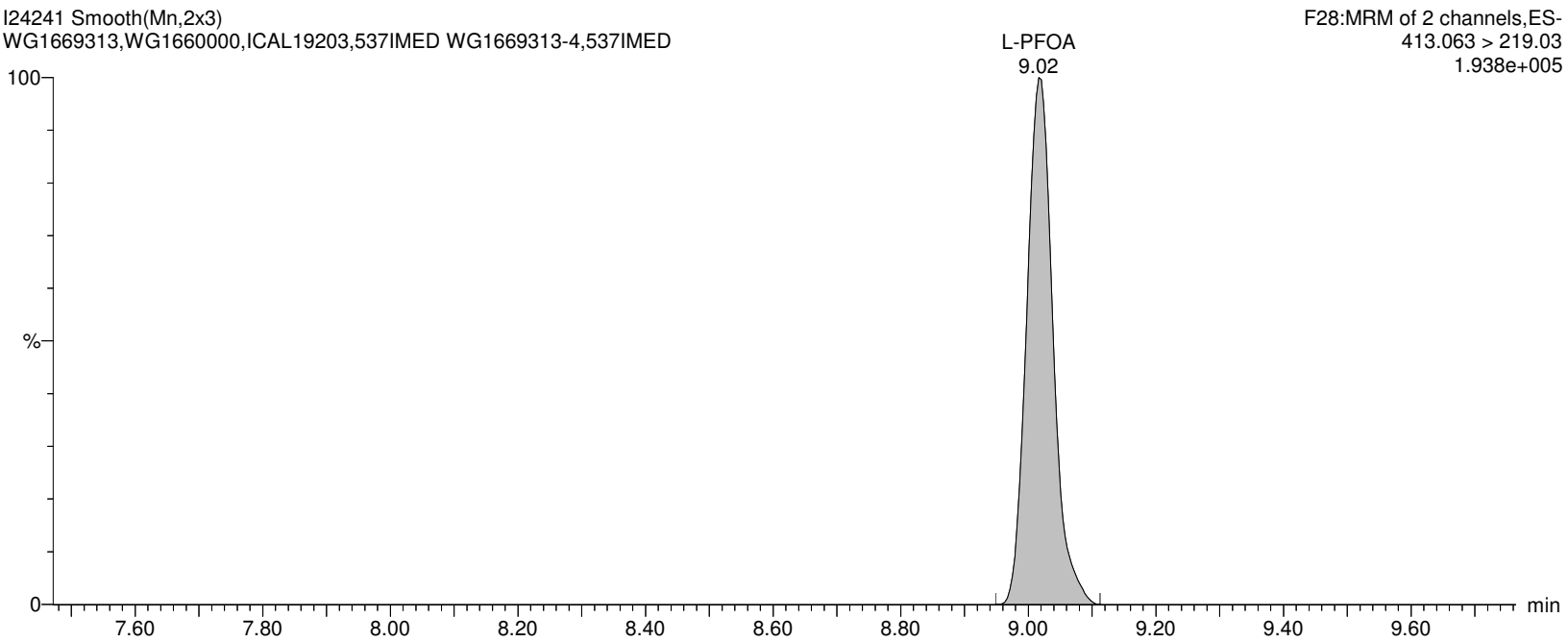
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

L-PFOA



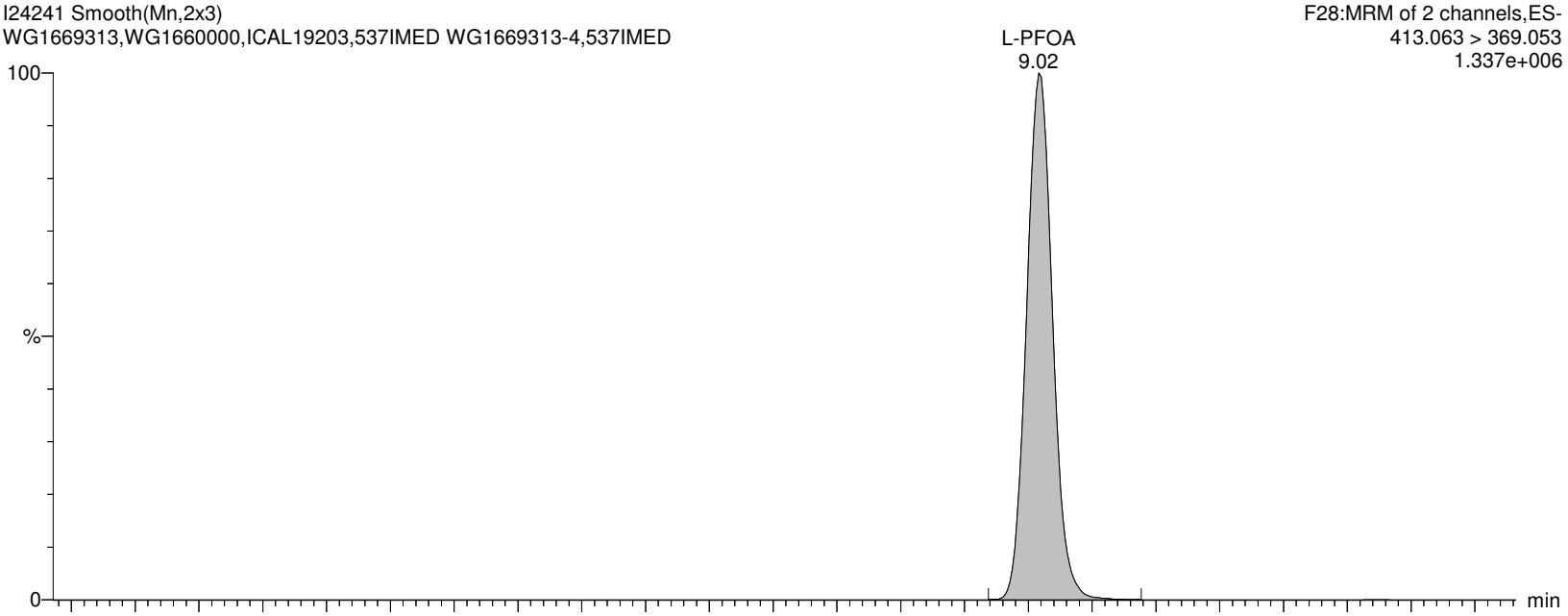


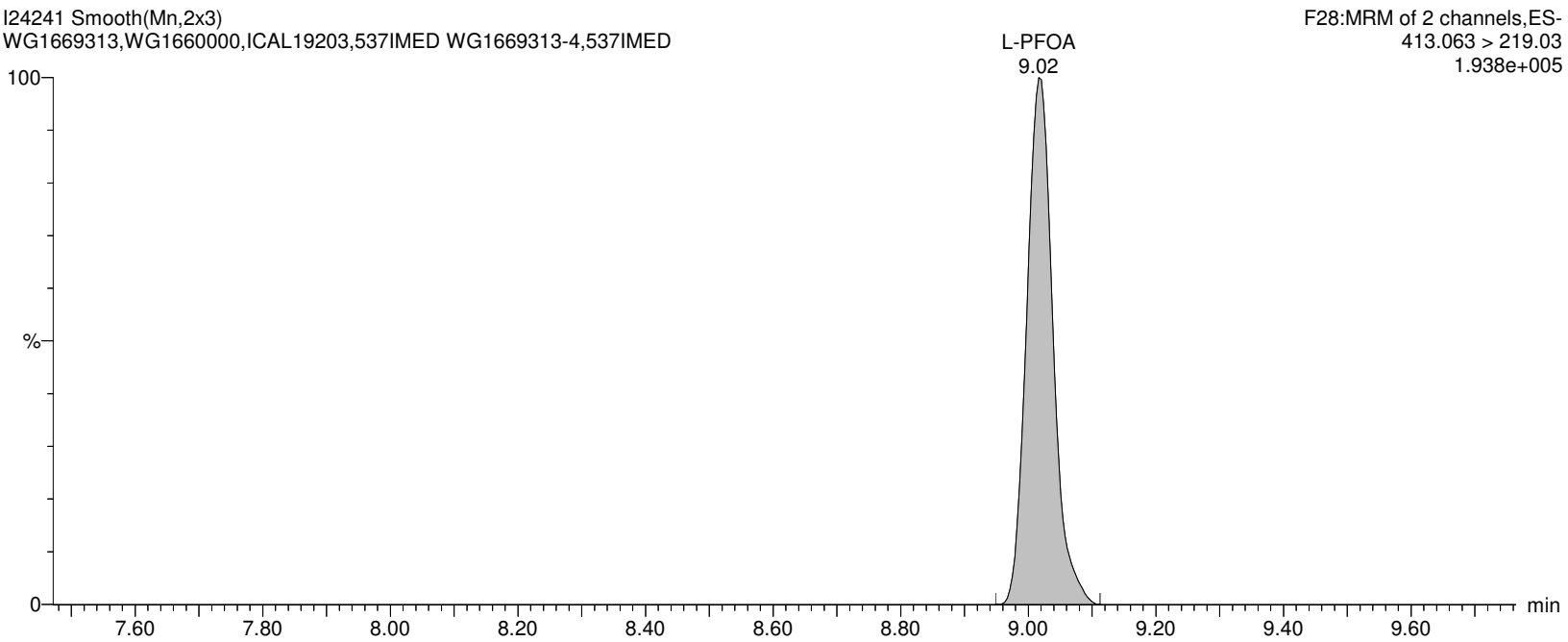
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFOA



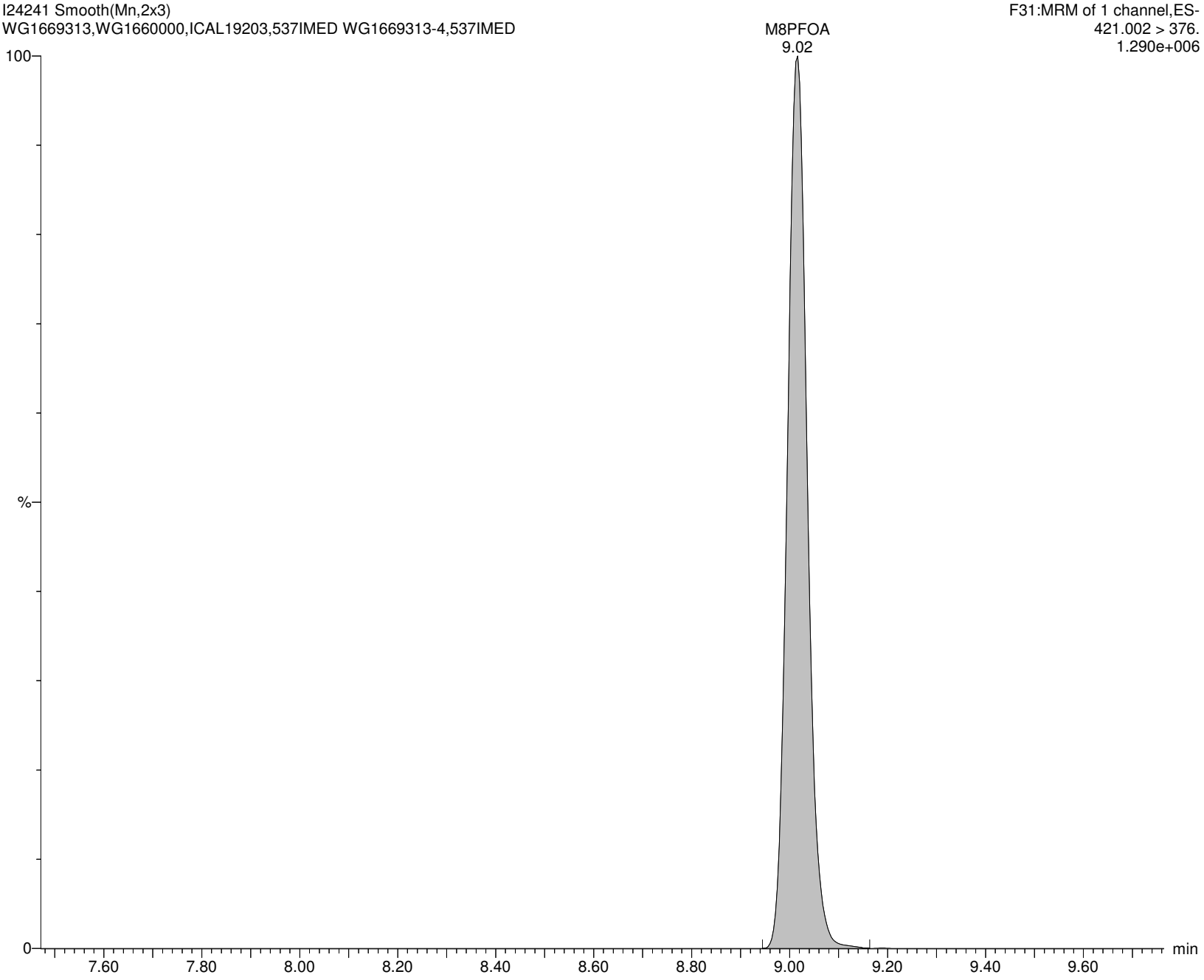


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M8PFOA

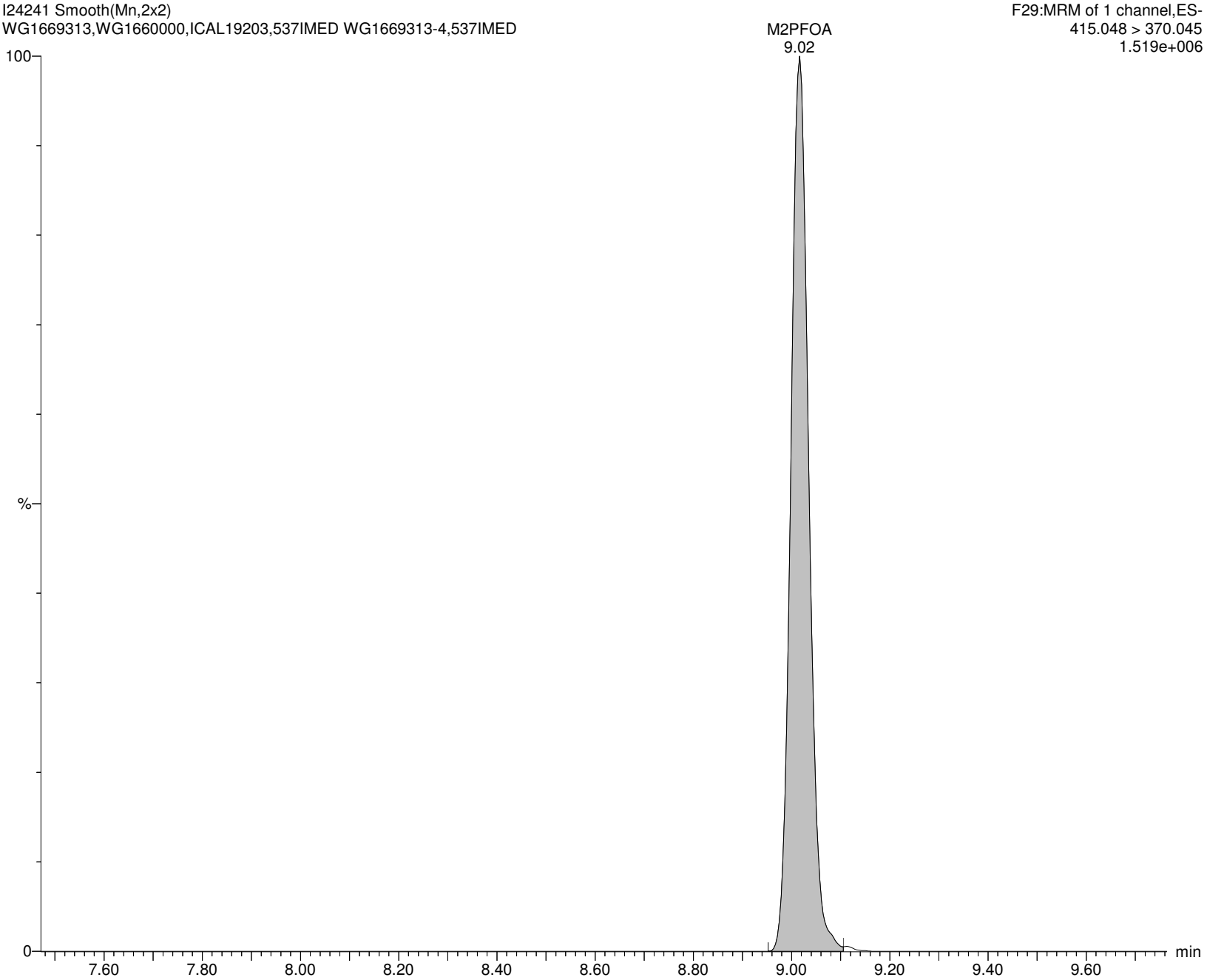


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2PFOA

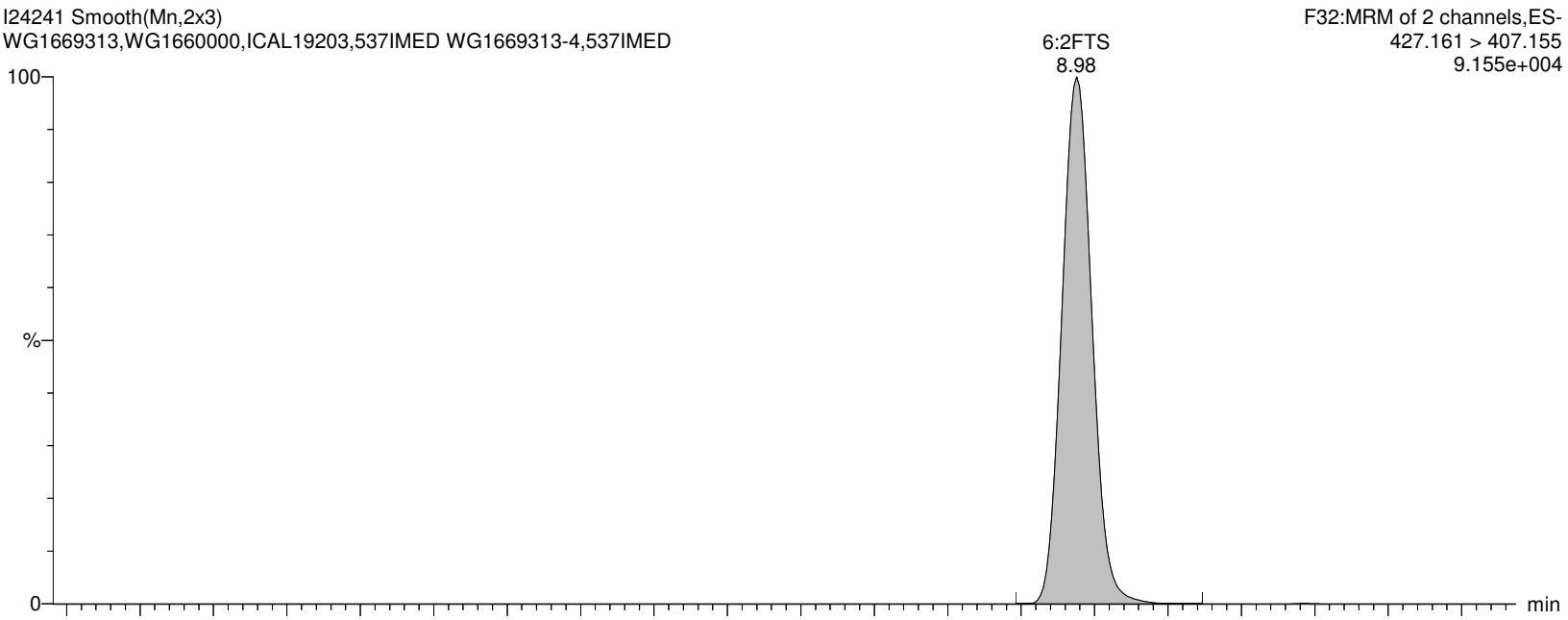


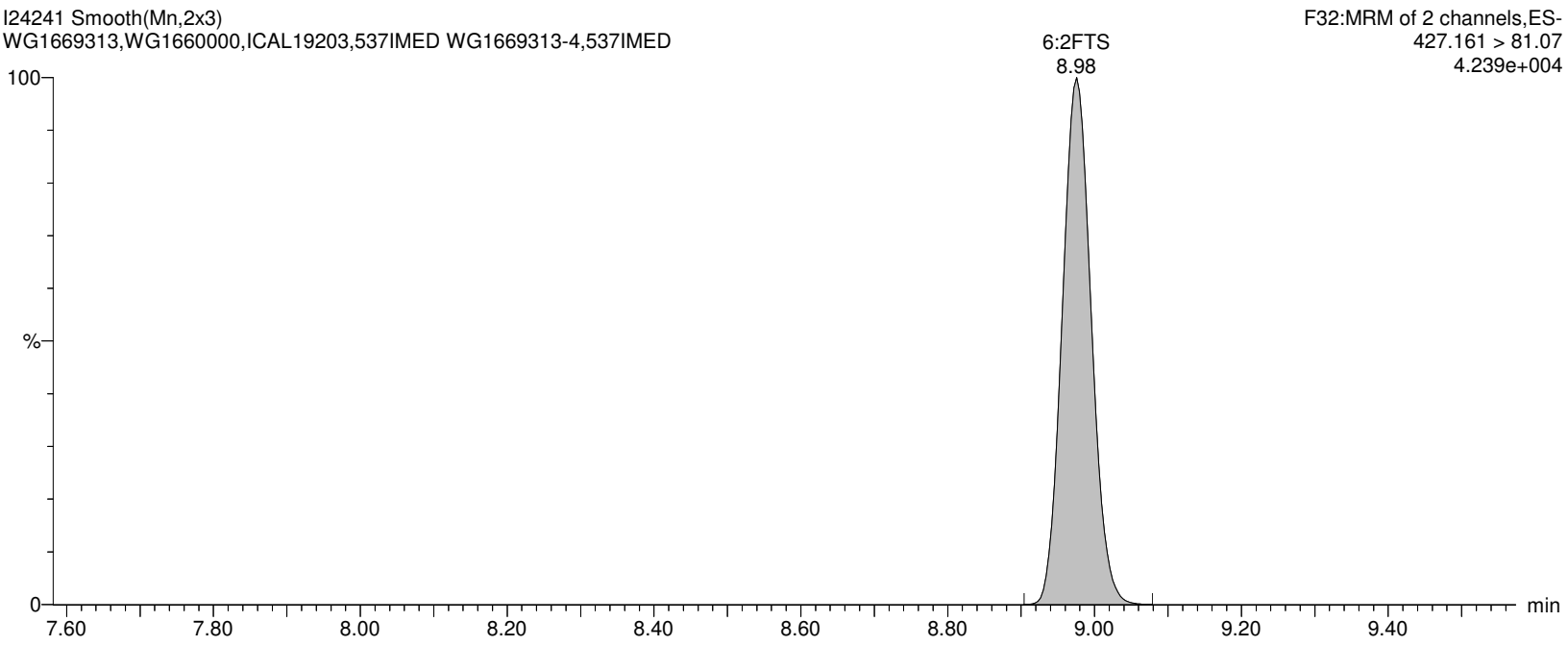
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

6:2FTS



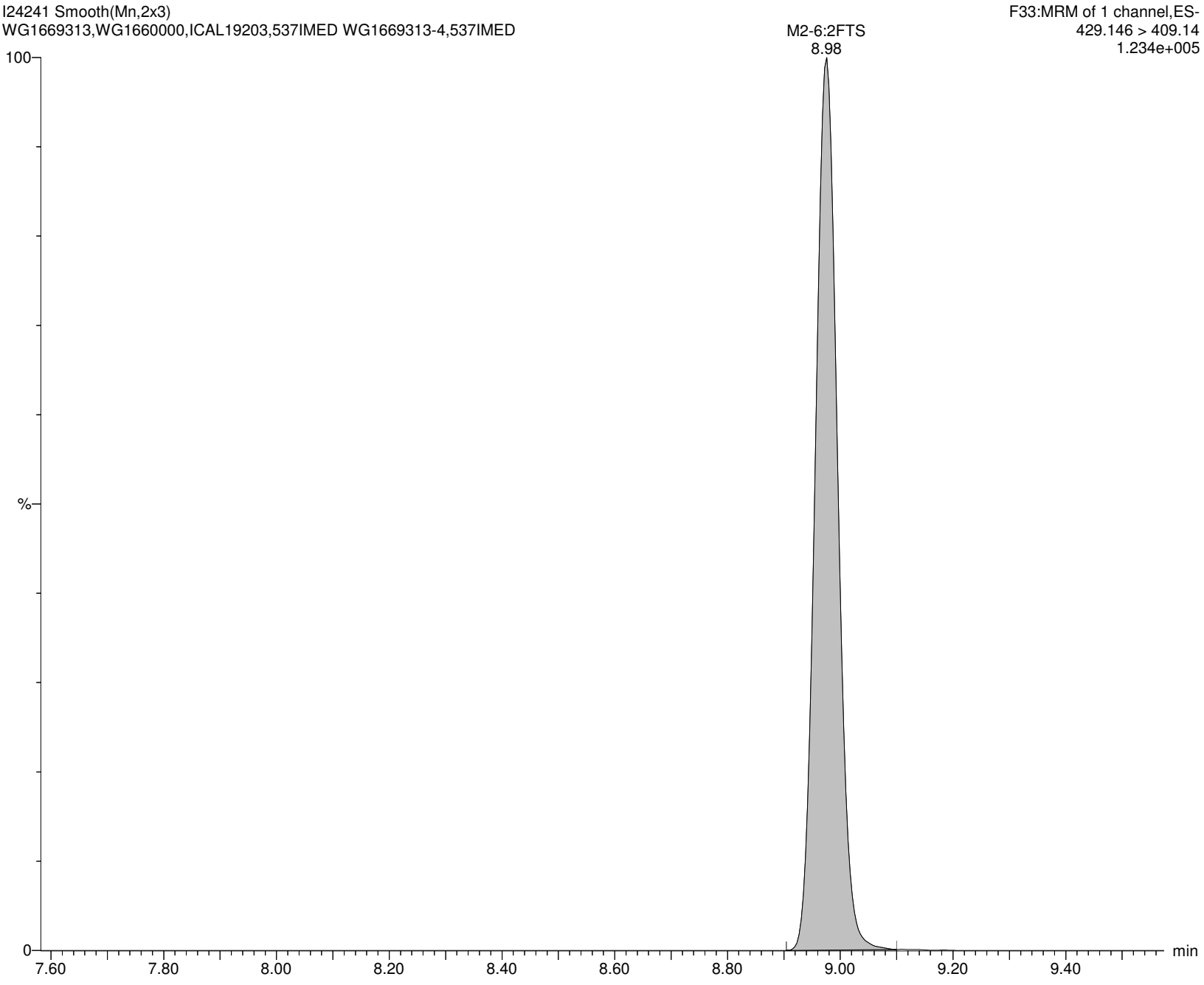


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2-6:2FTS

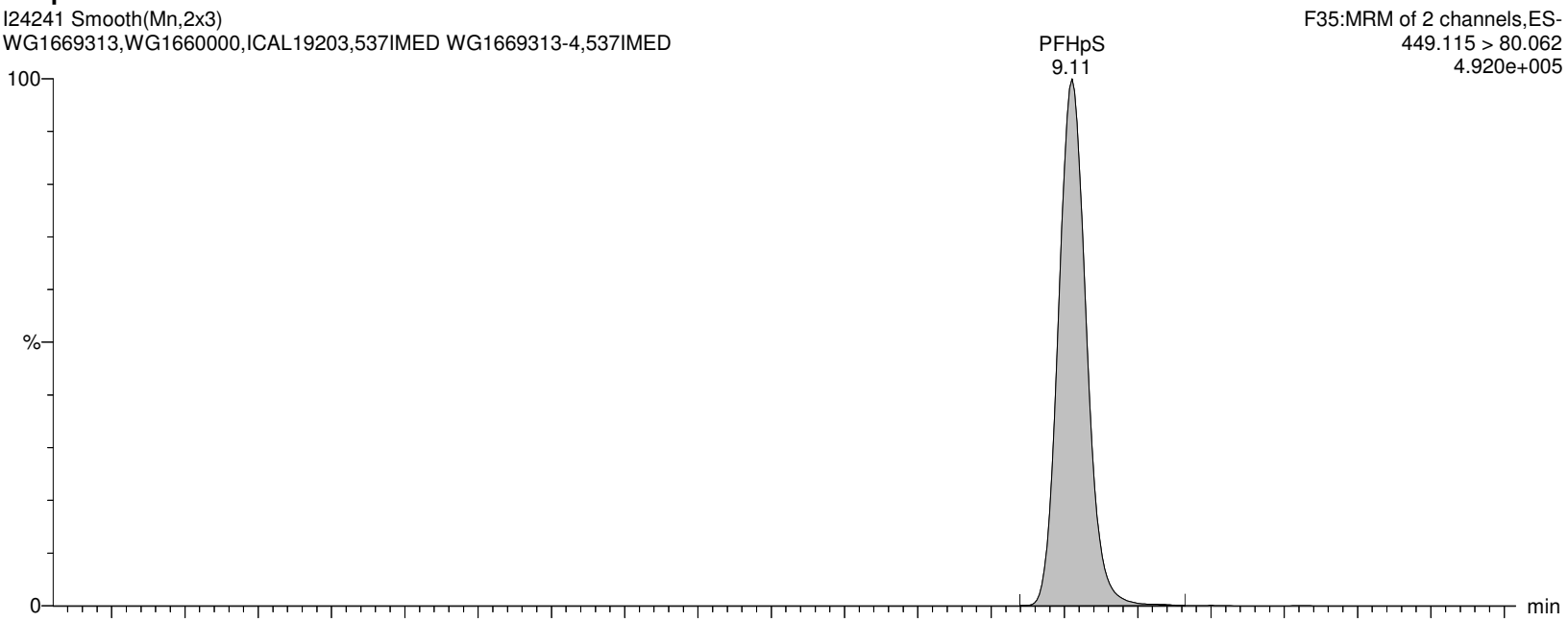


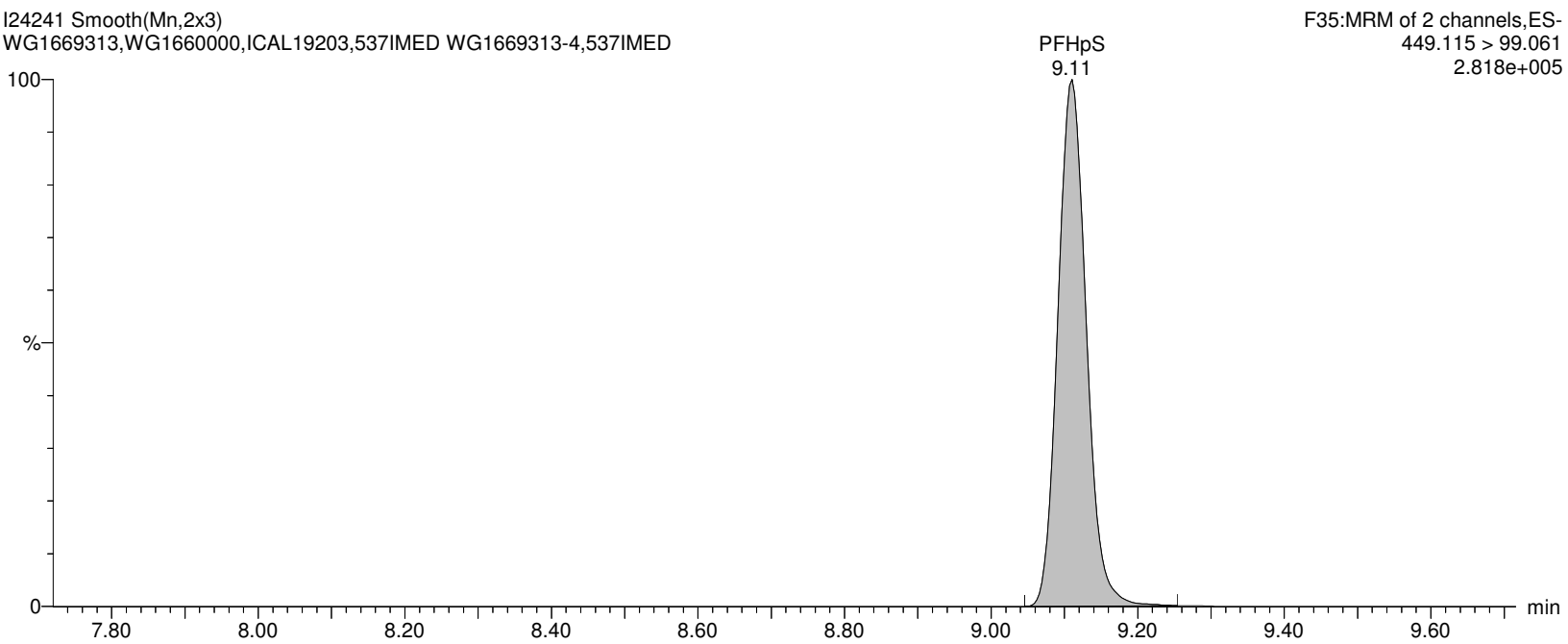
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFHpS



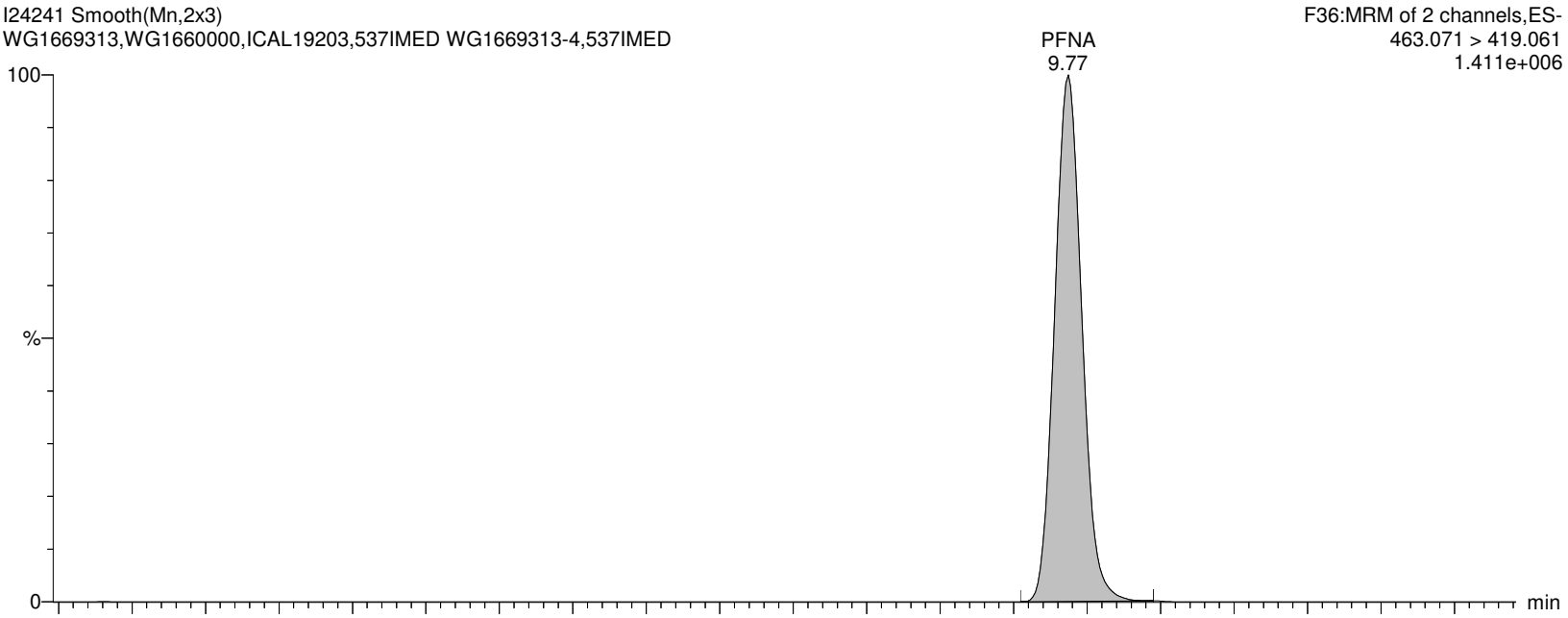


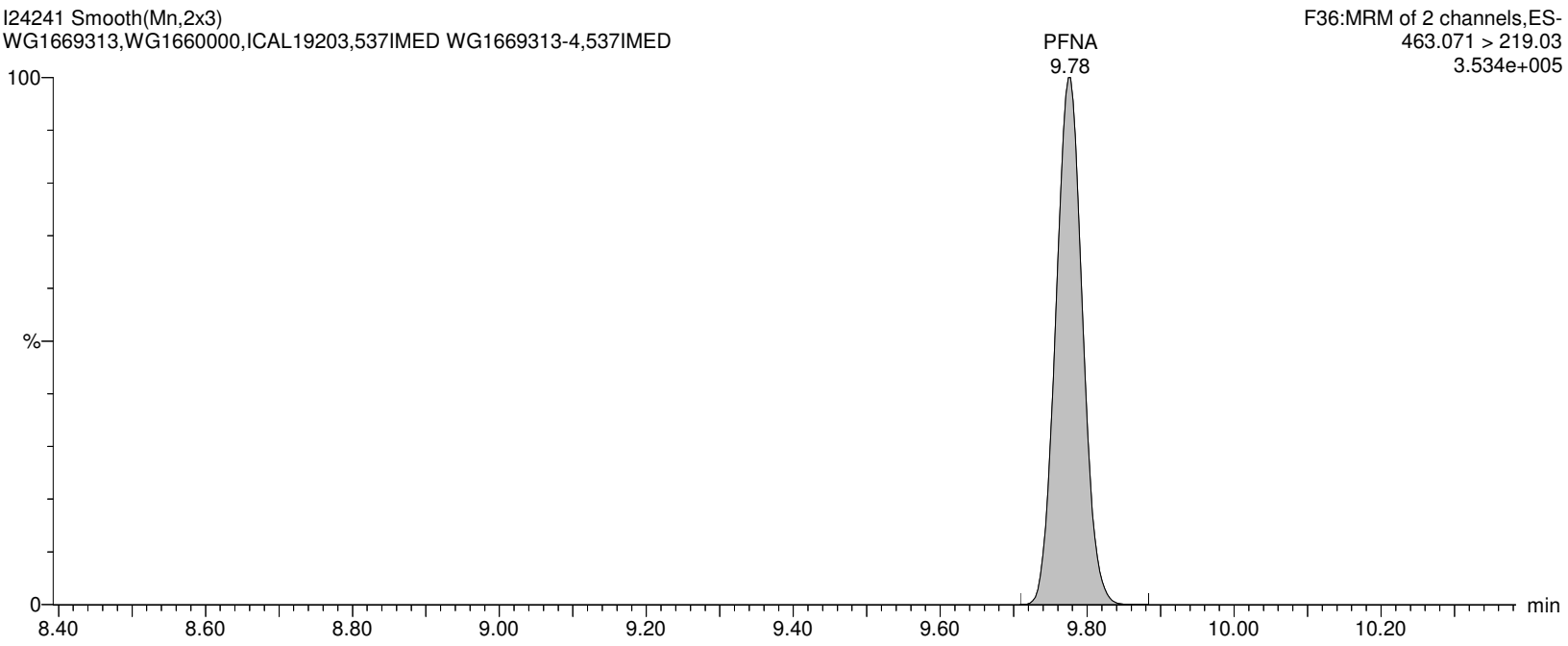
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFNA



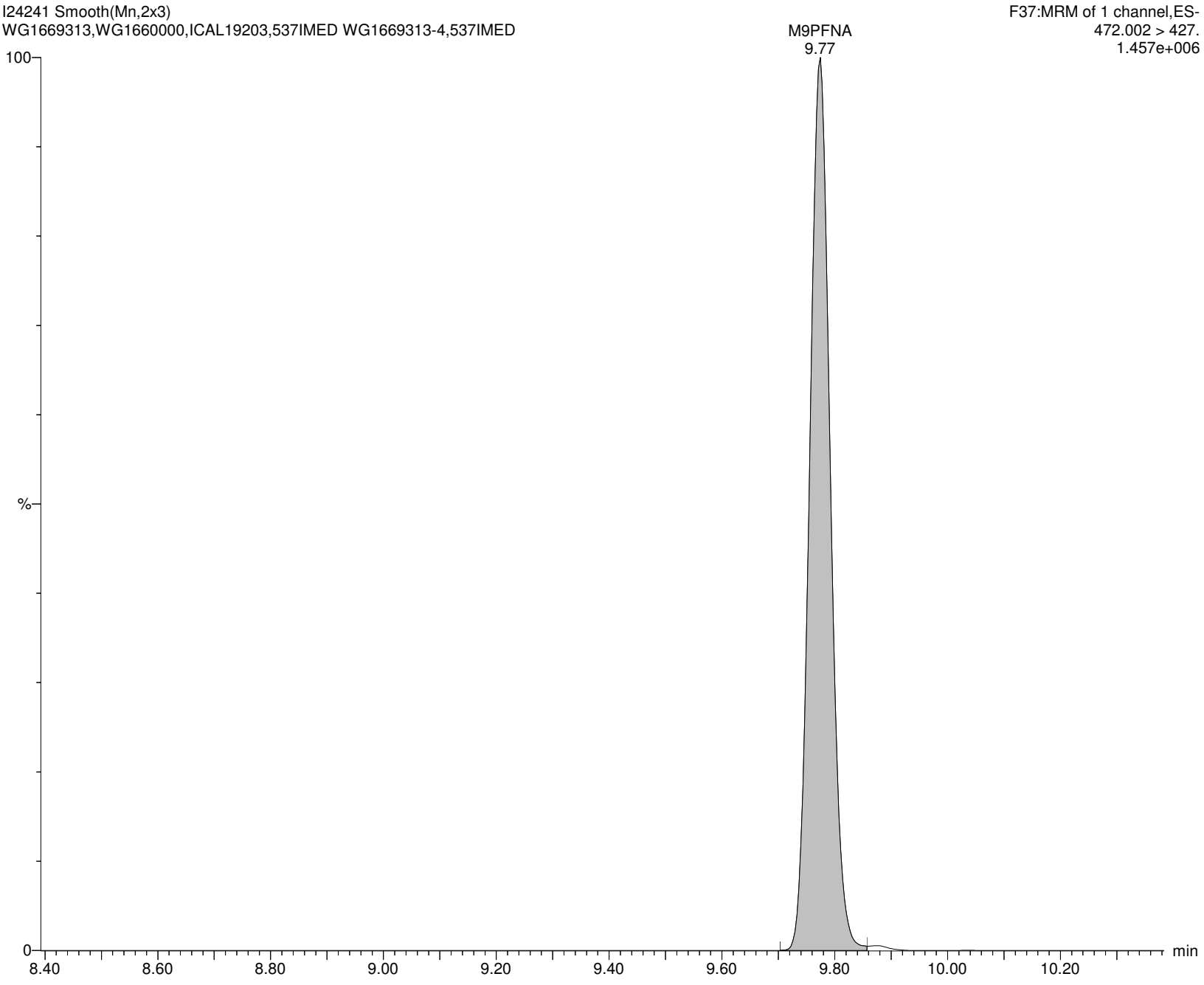


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M9PFNA

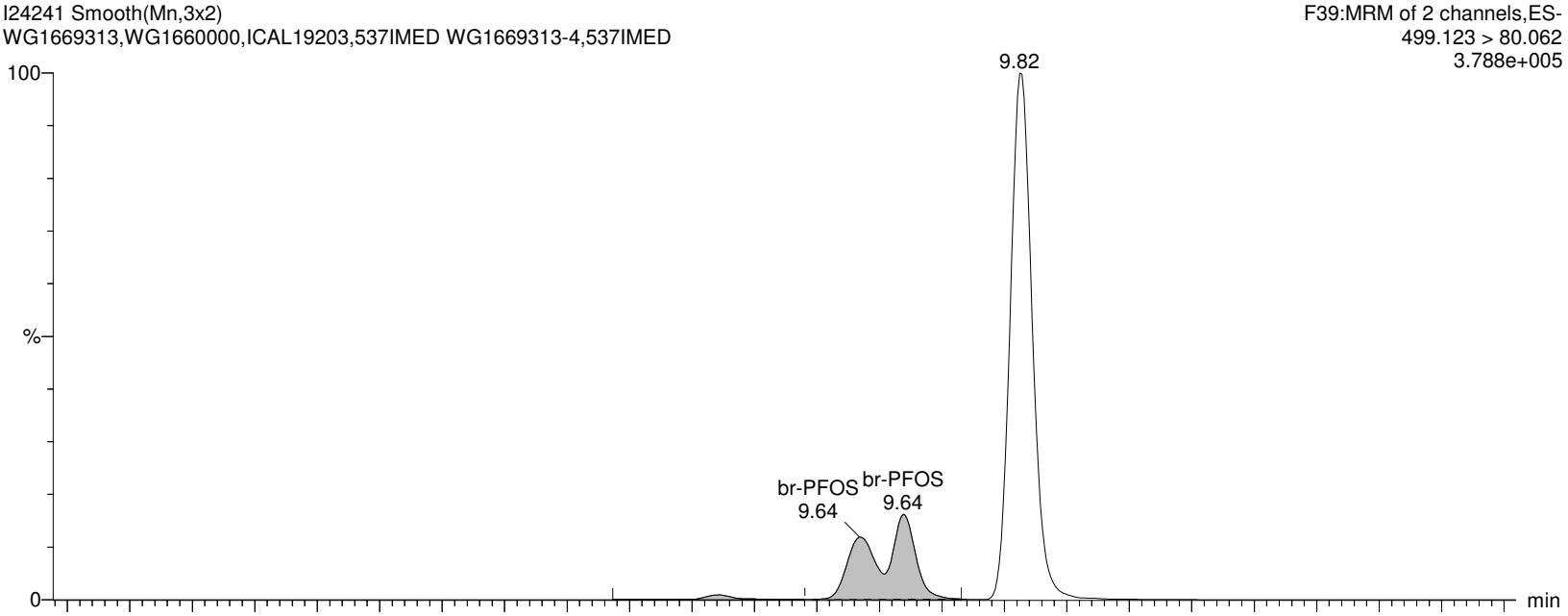


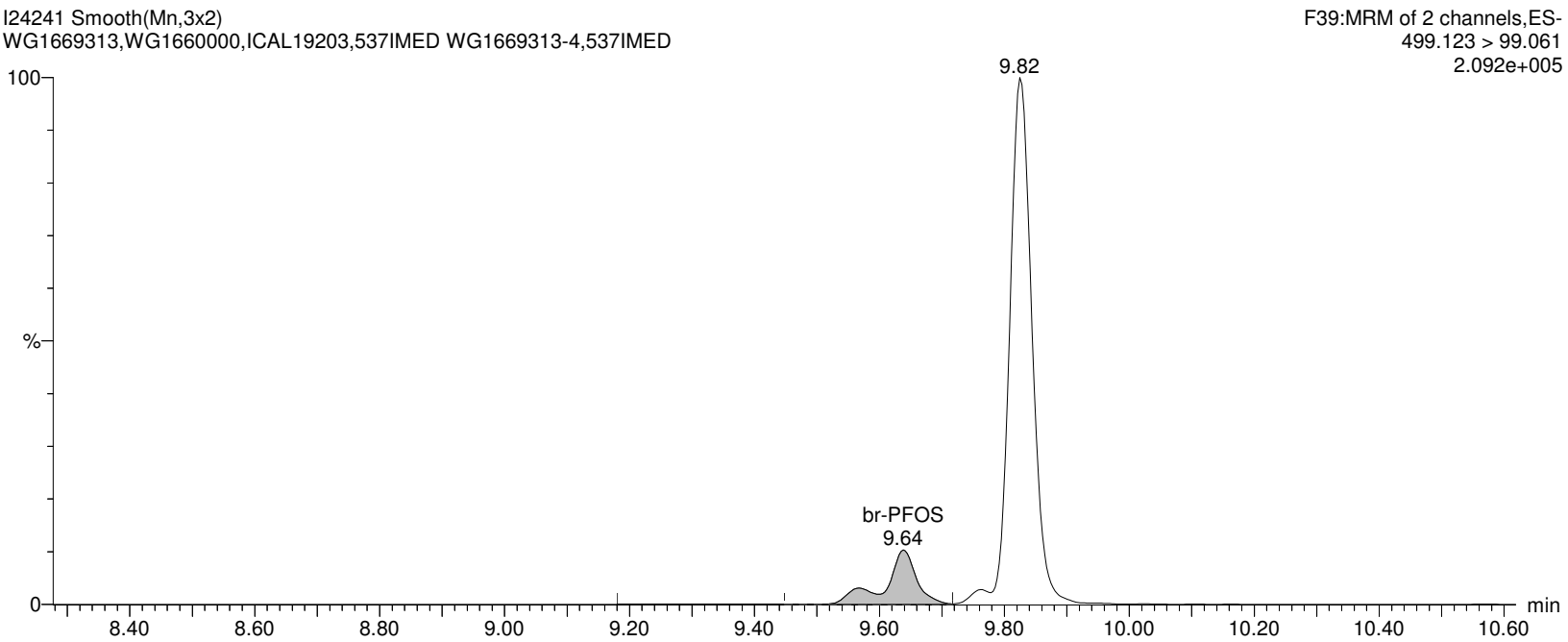
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

br-PFOS



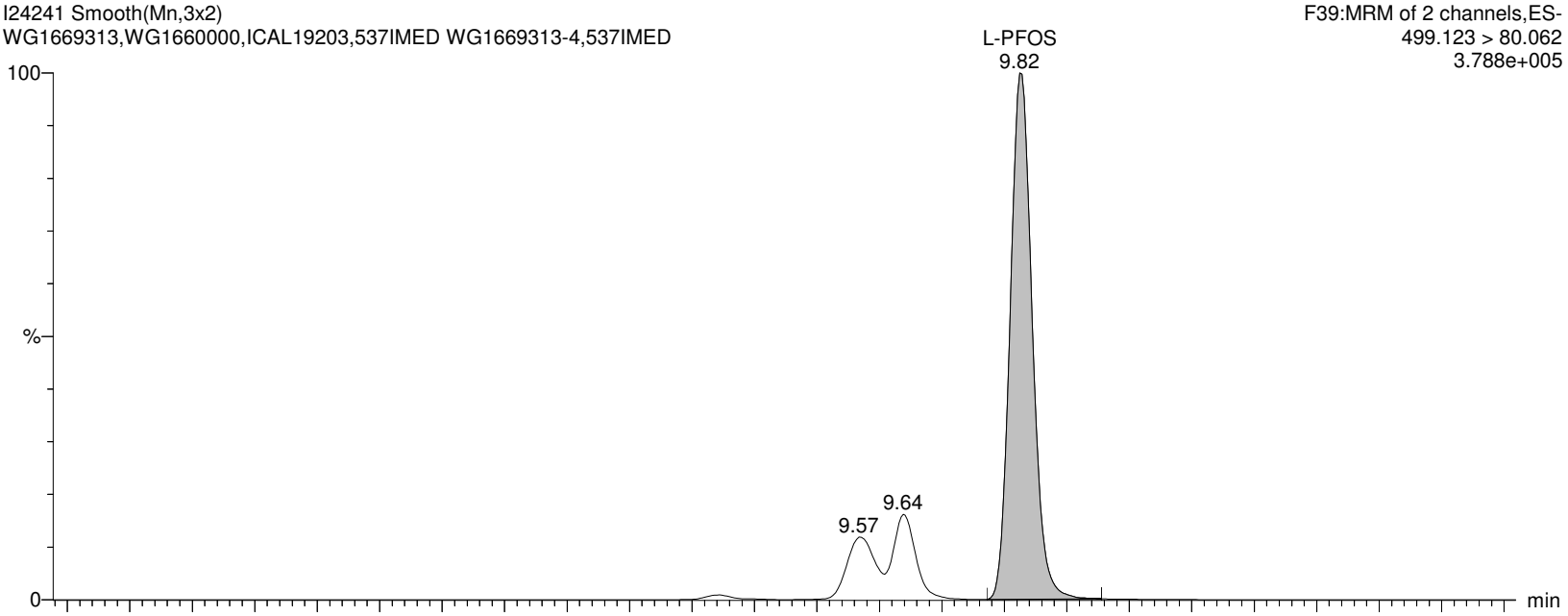


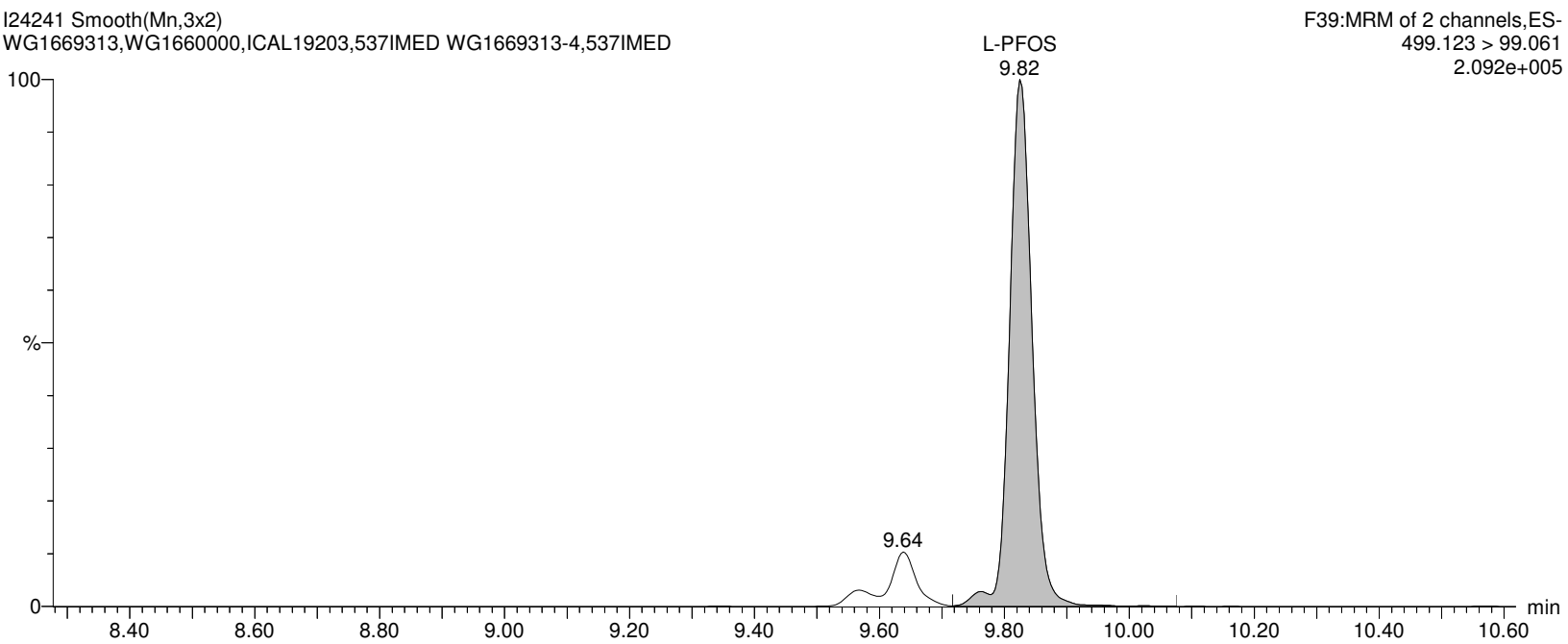
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

L-PFOS



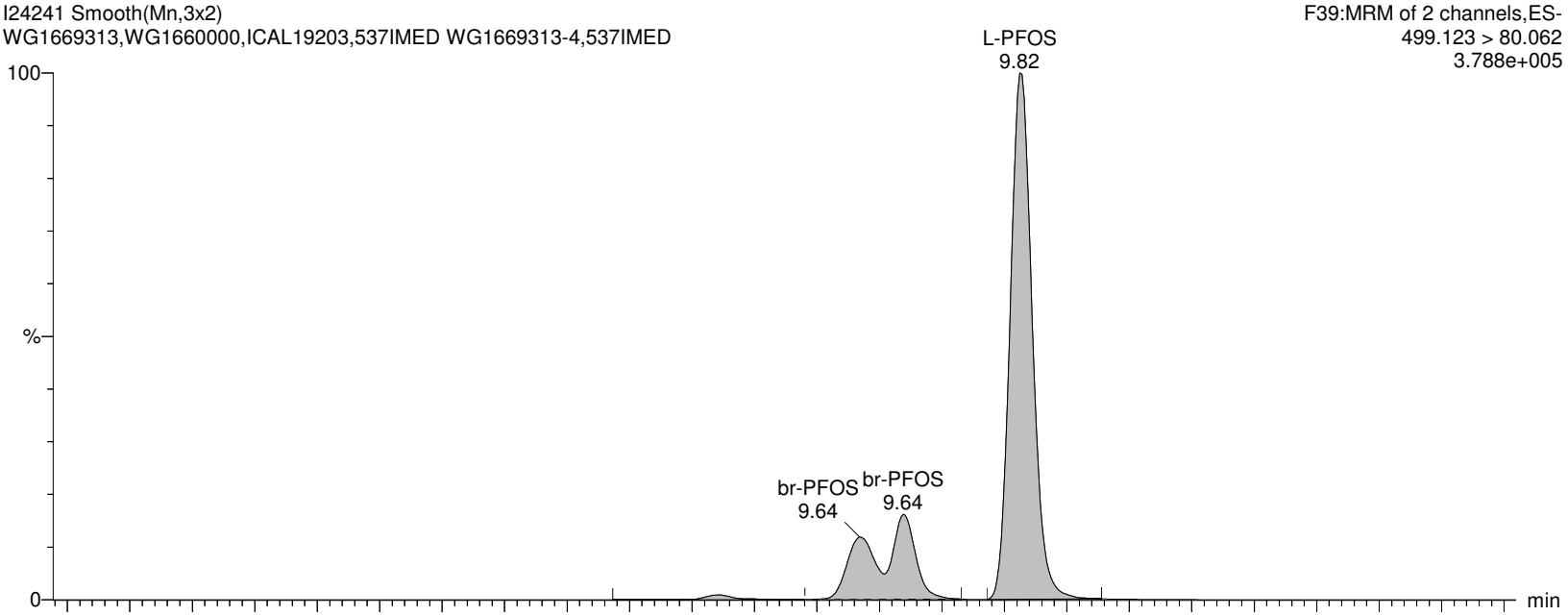


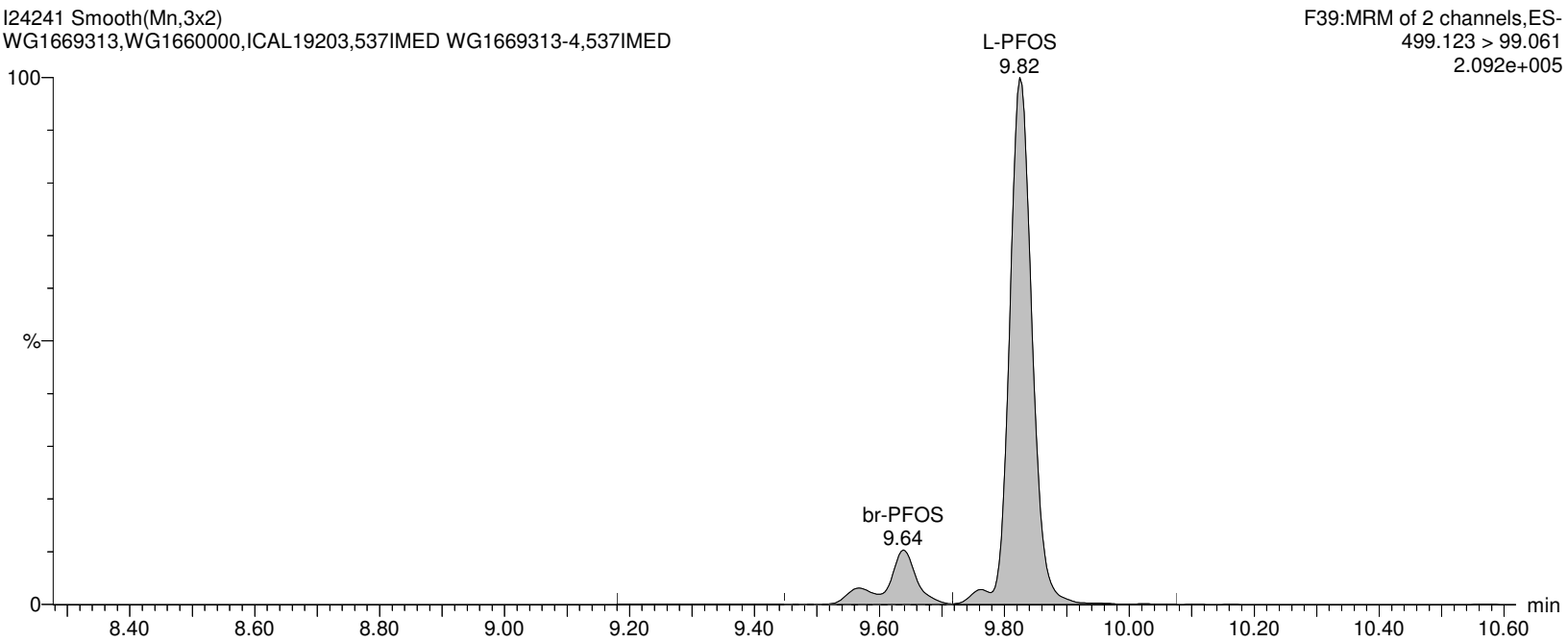
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFOS



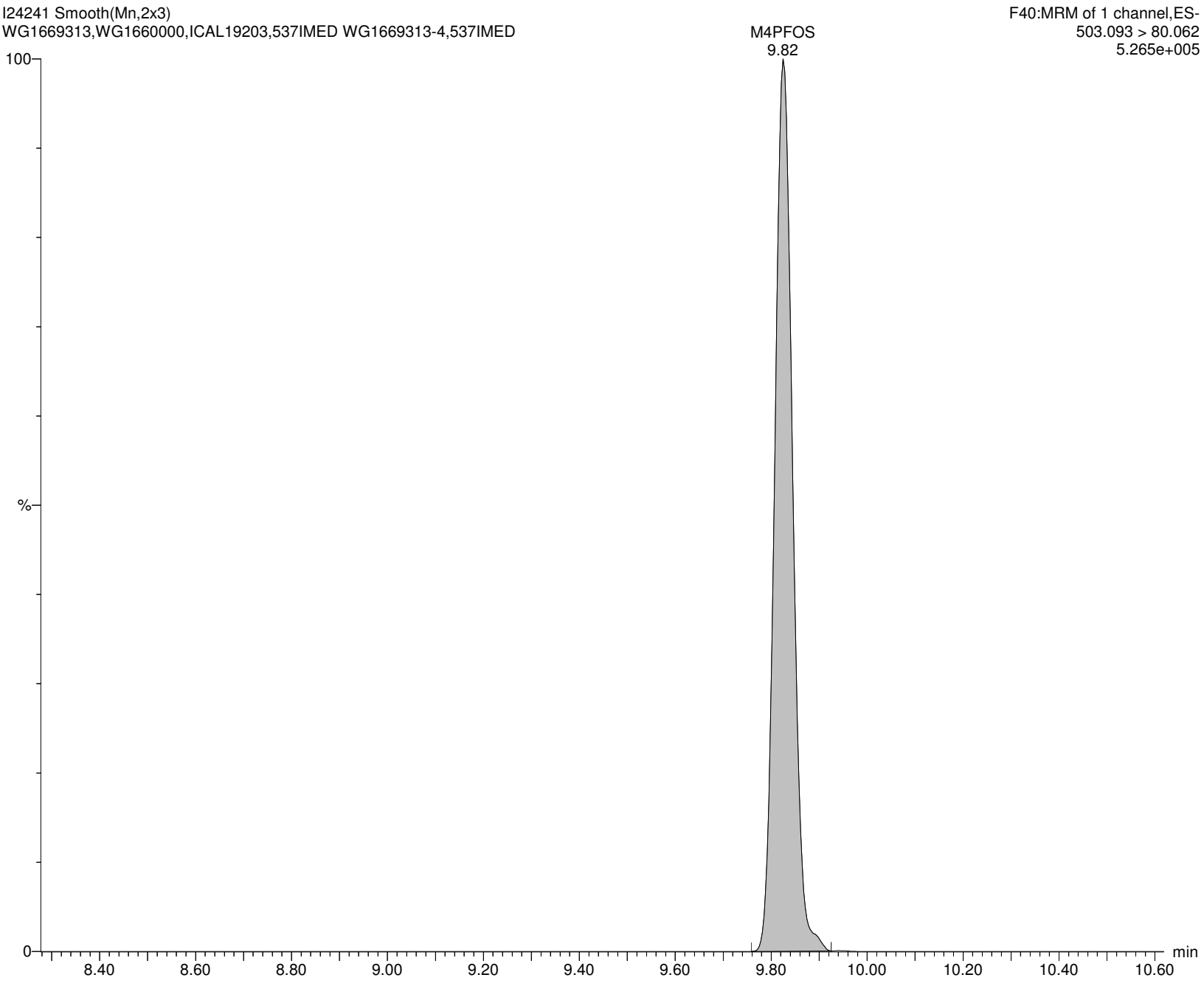


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M4PFOS

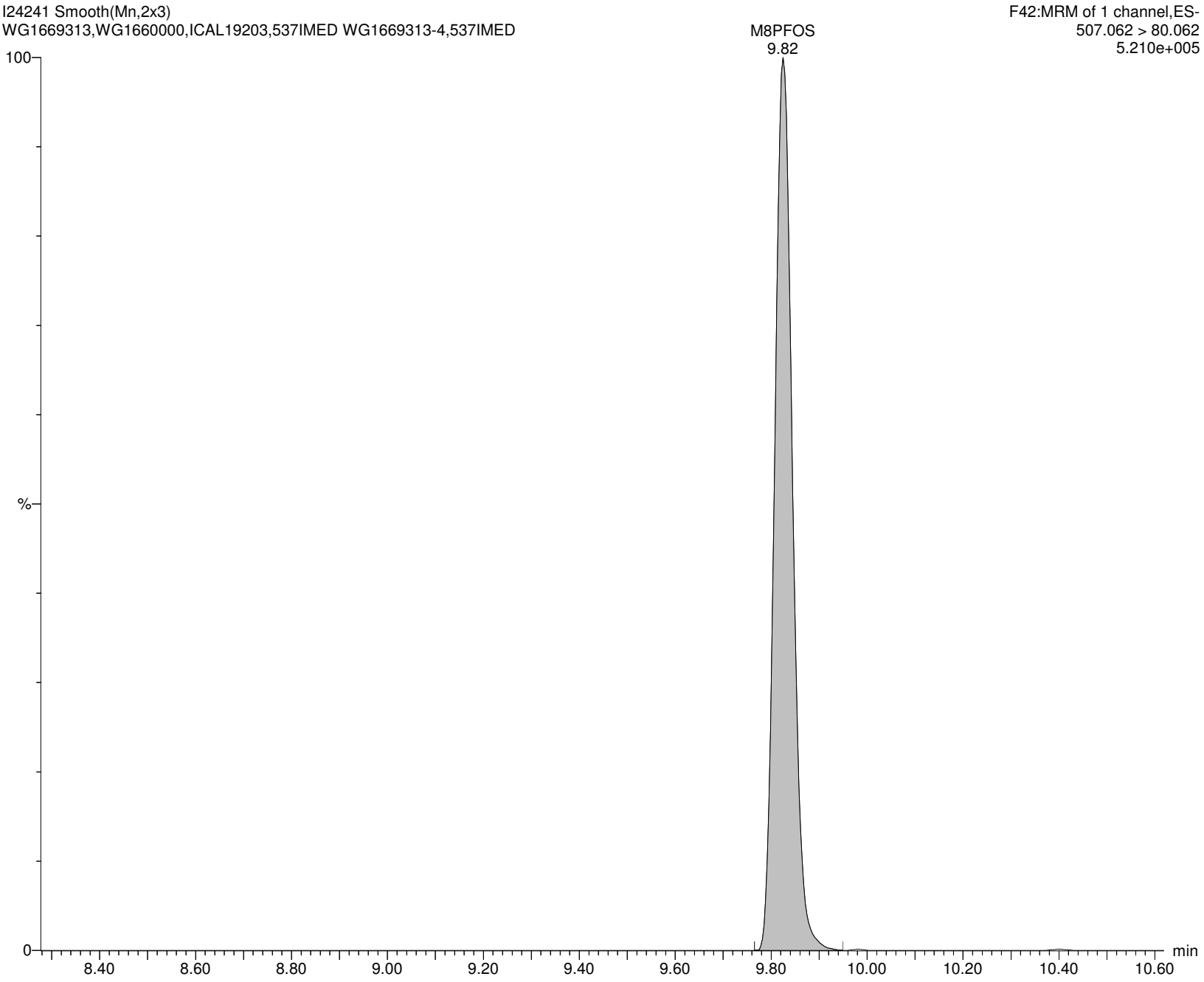


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M8PFOS

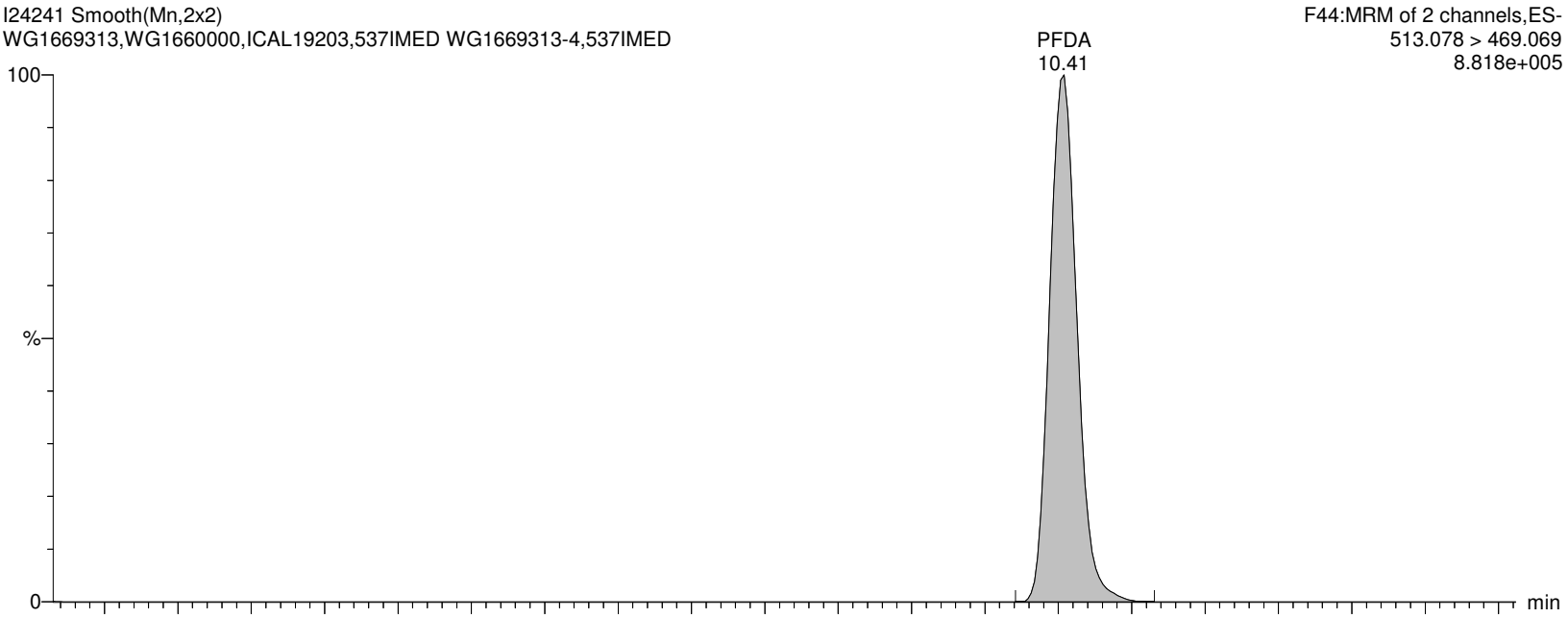


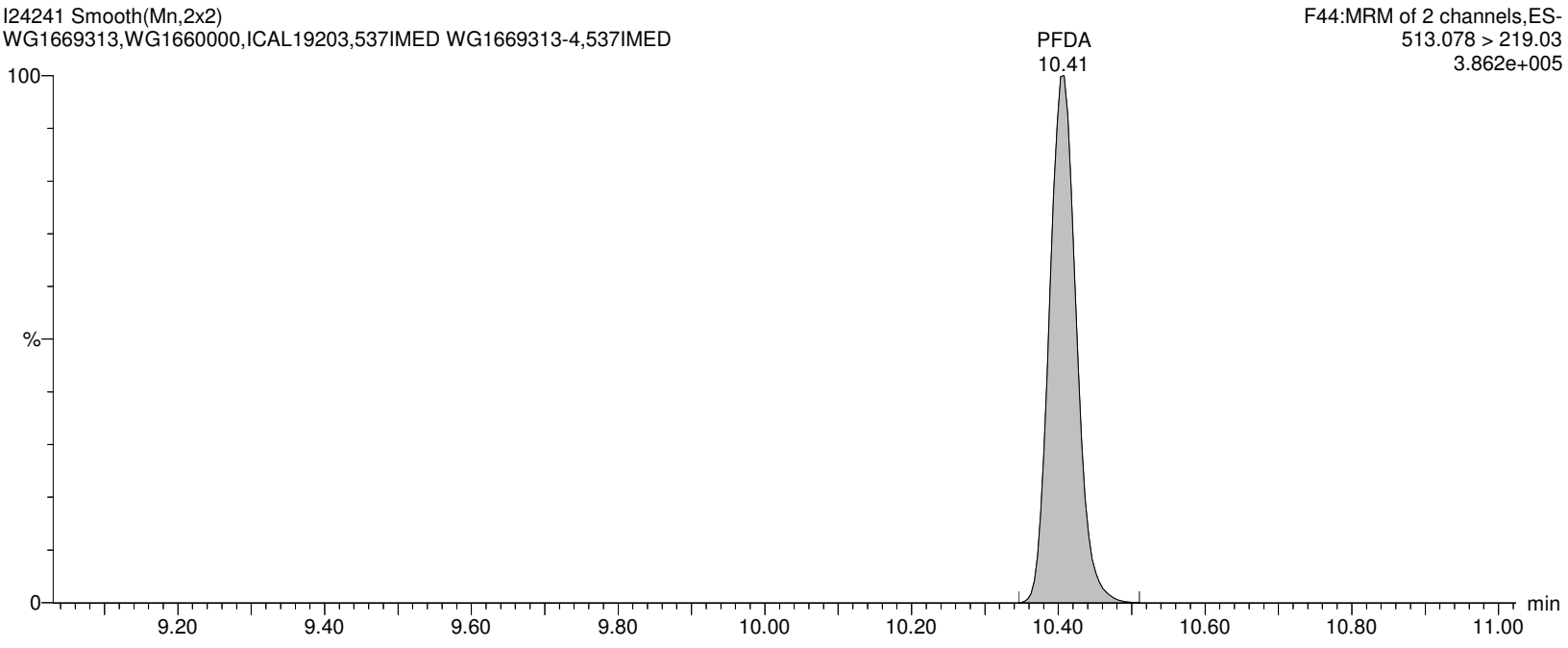
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFDA



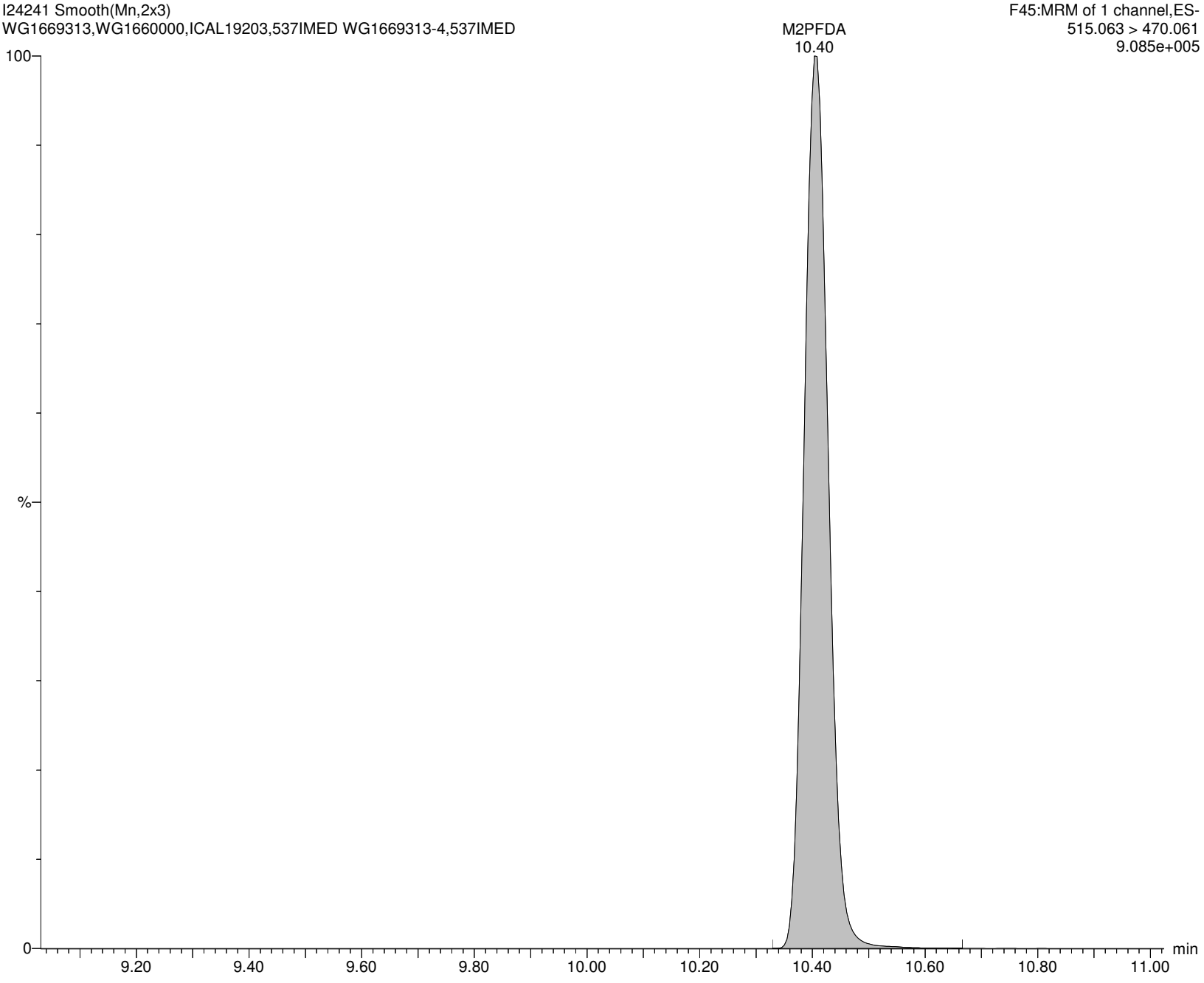


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2PFDA

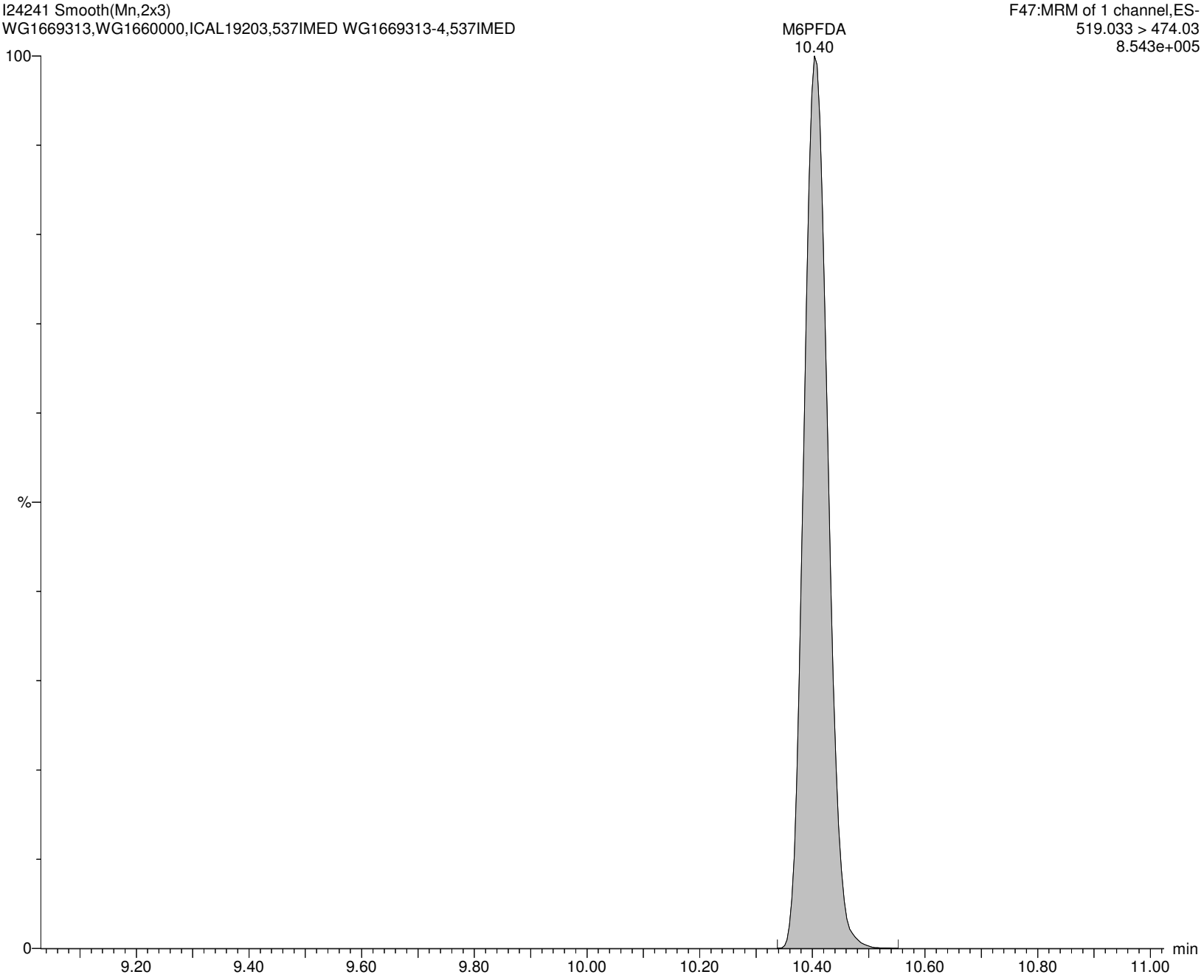


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M6PFDA

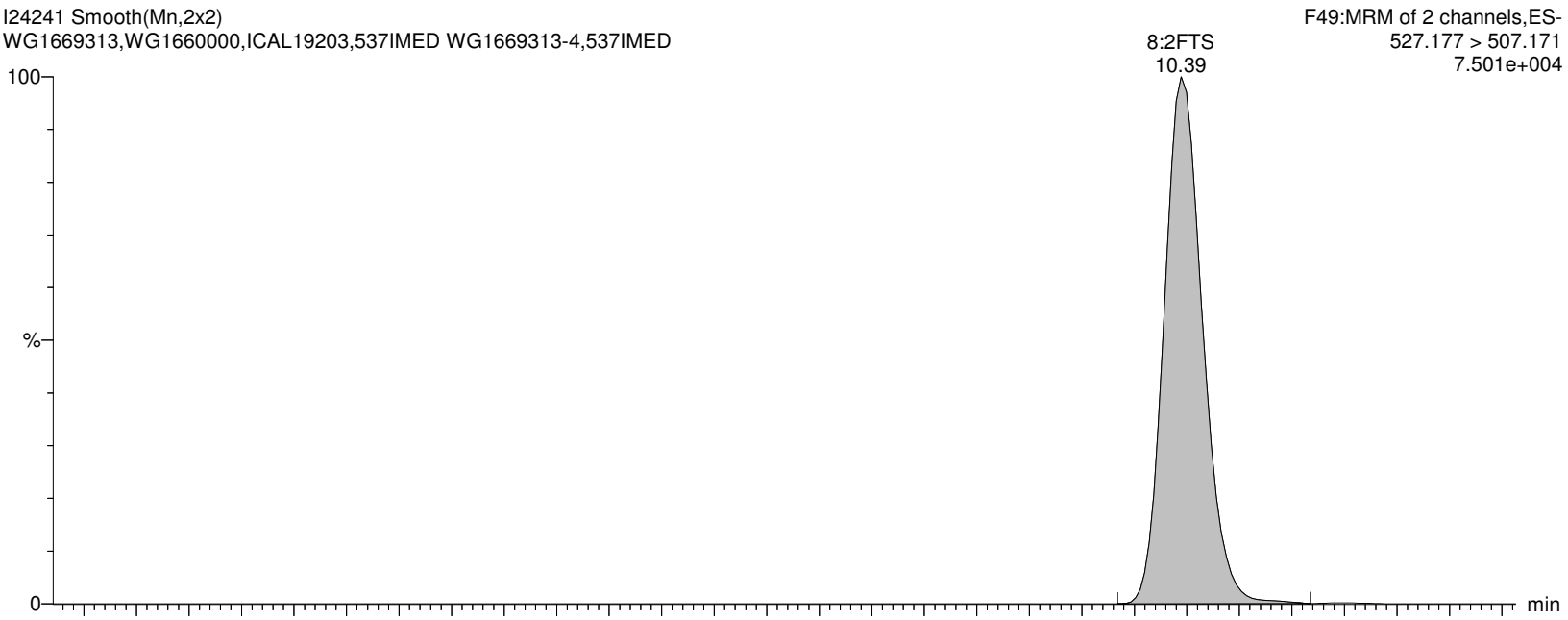


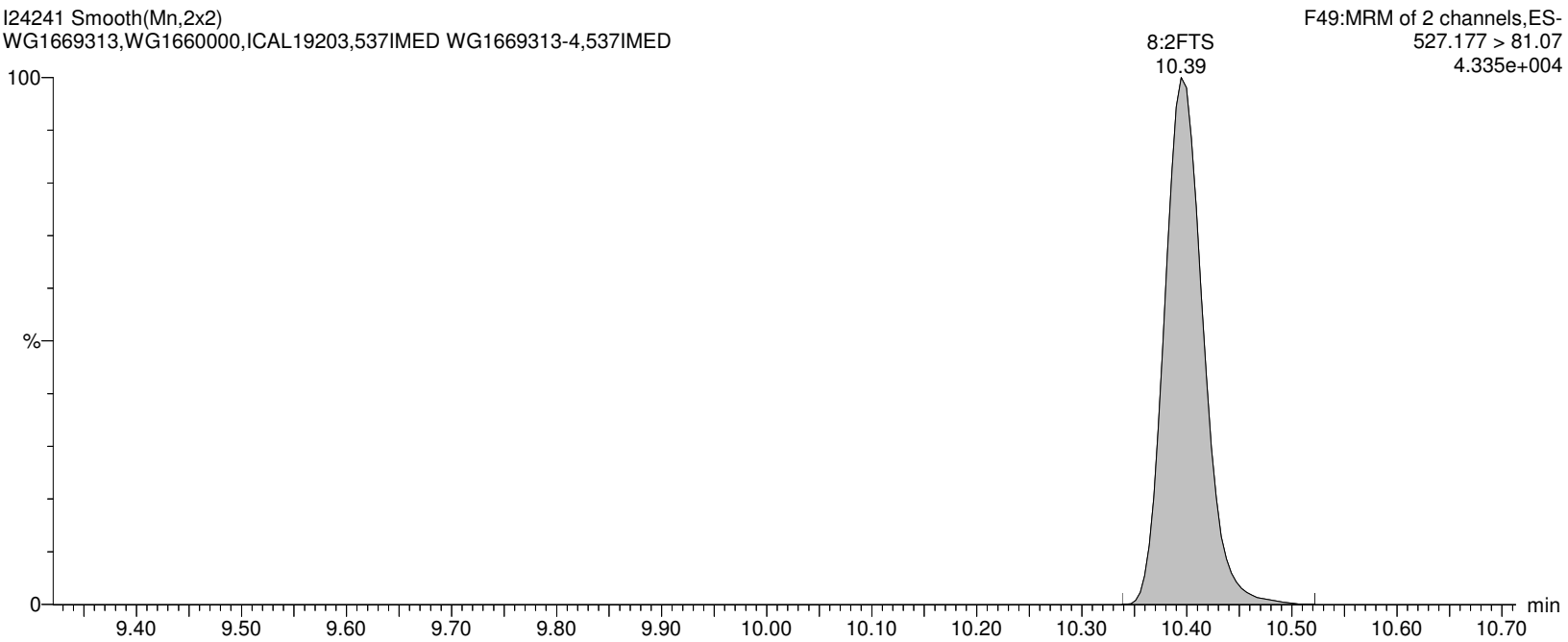
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

8:2FTS



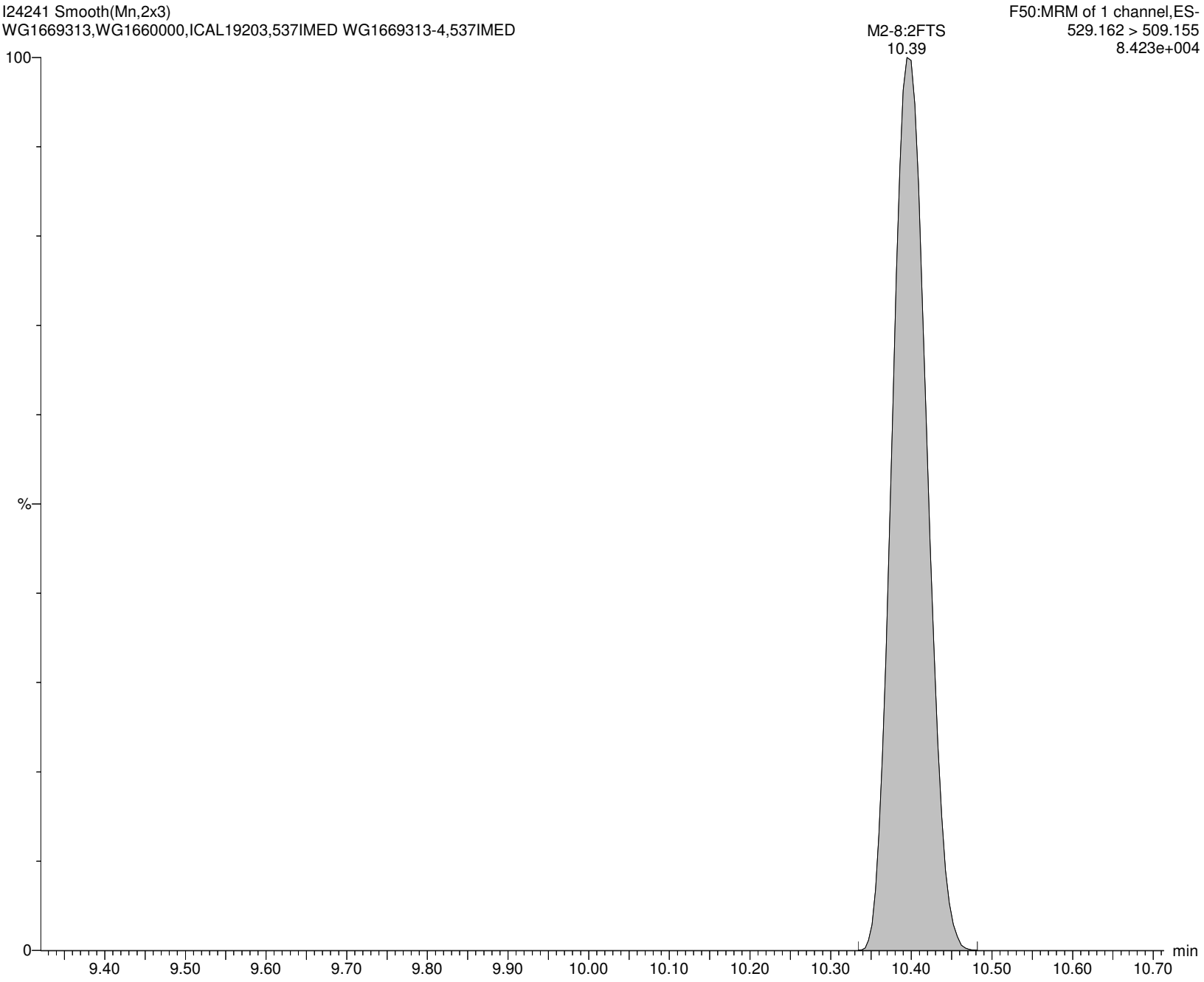


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2-8:2FTS

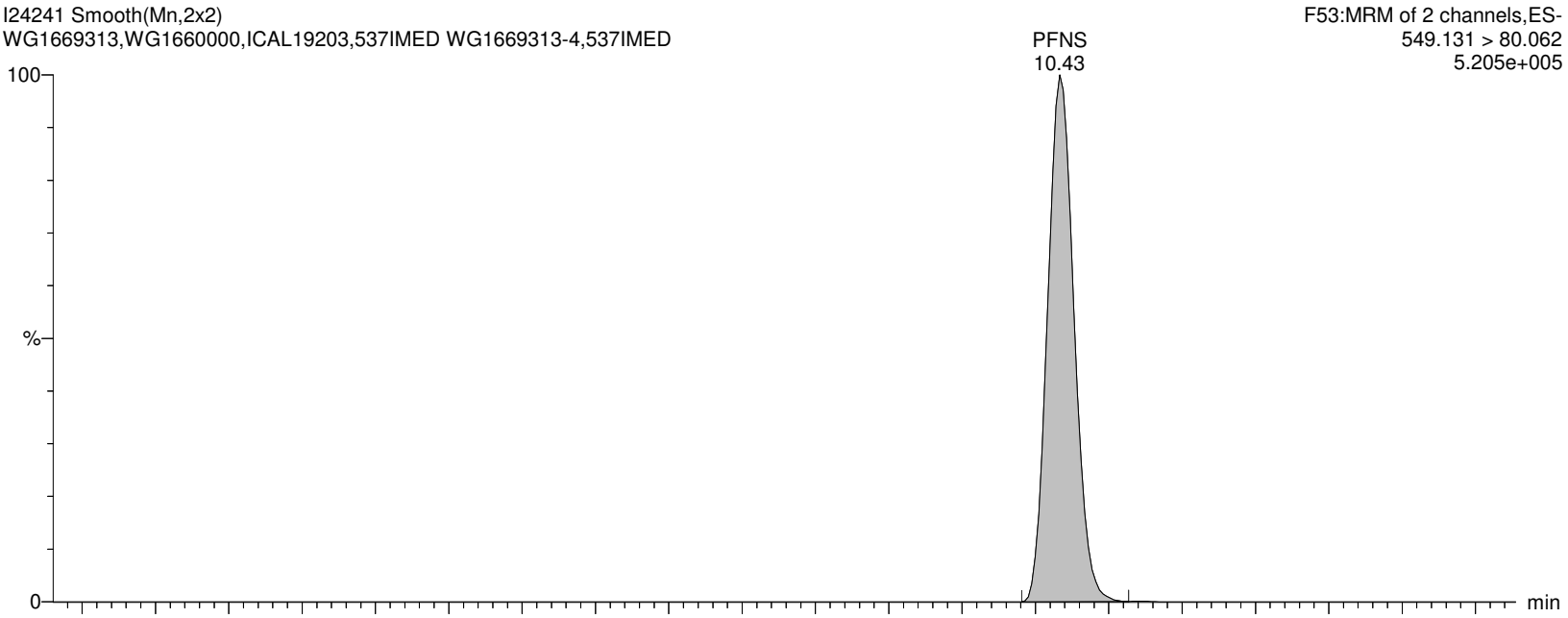


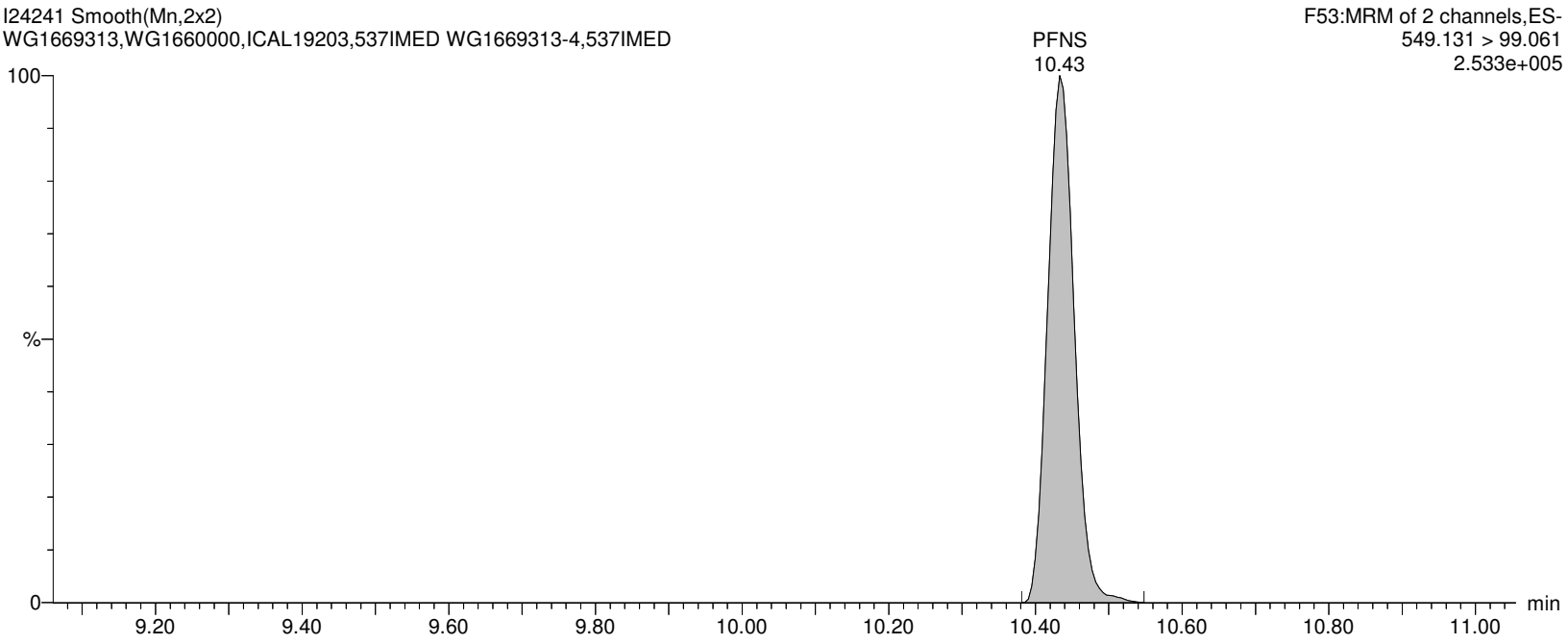
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFNS



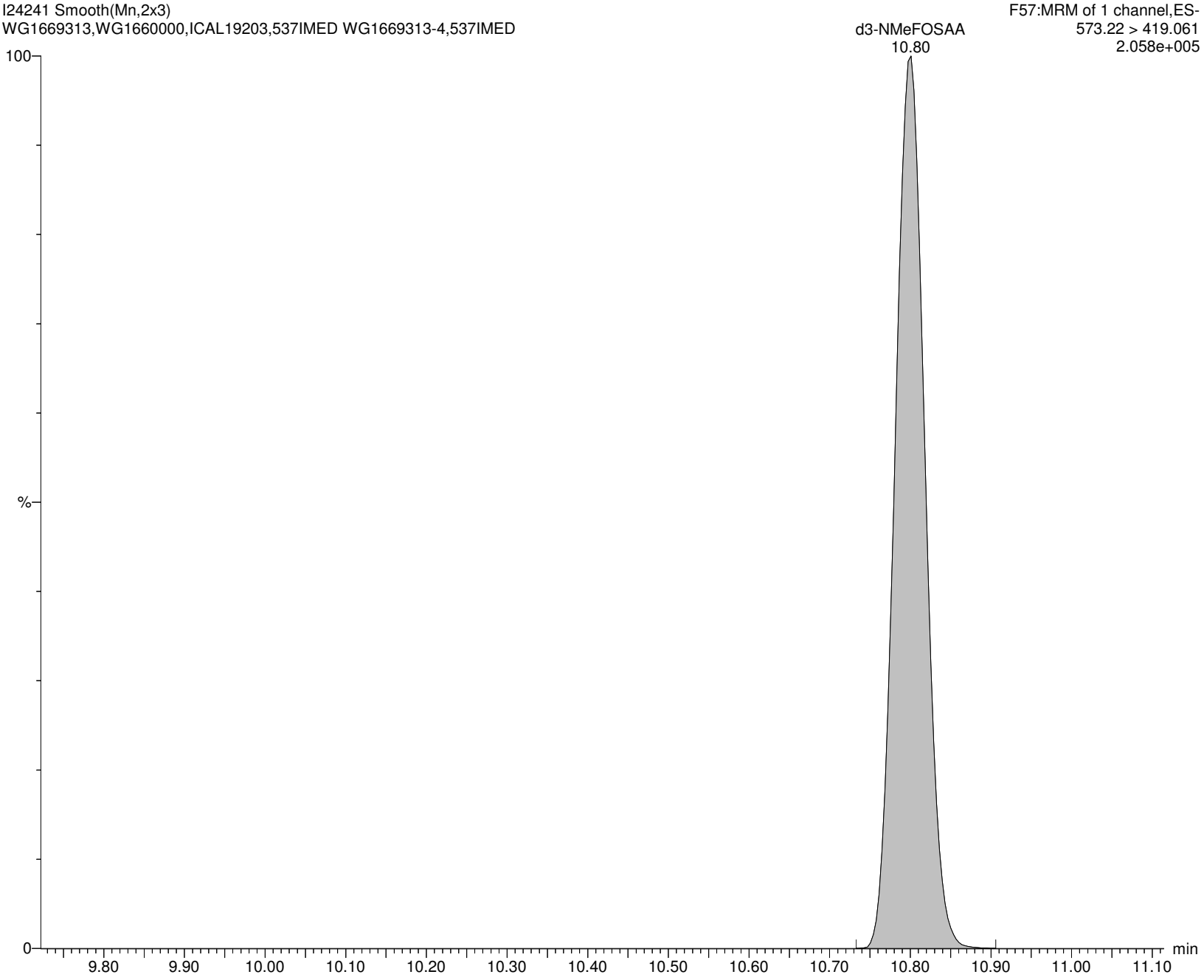


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

d3-NMeFOSAA

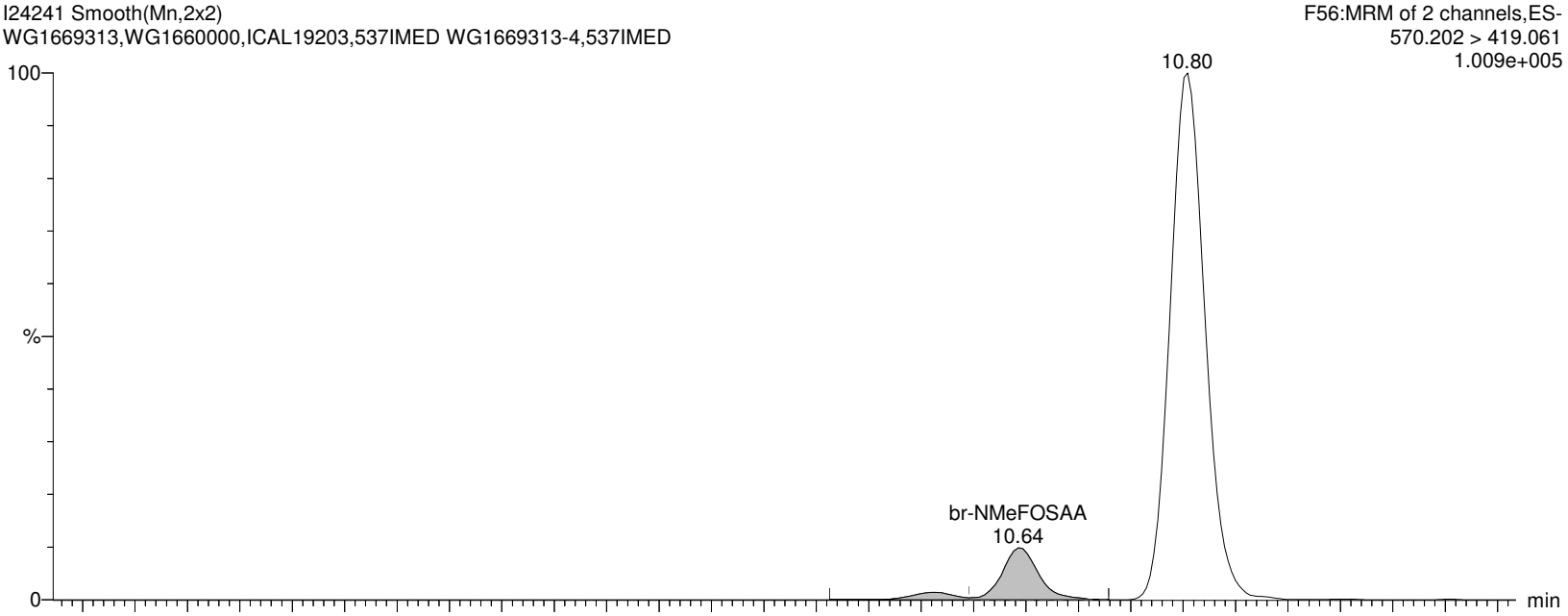


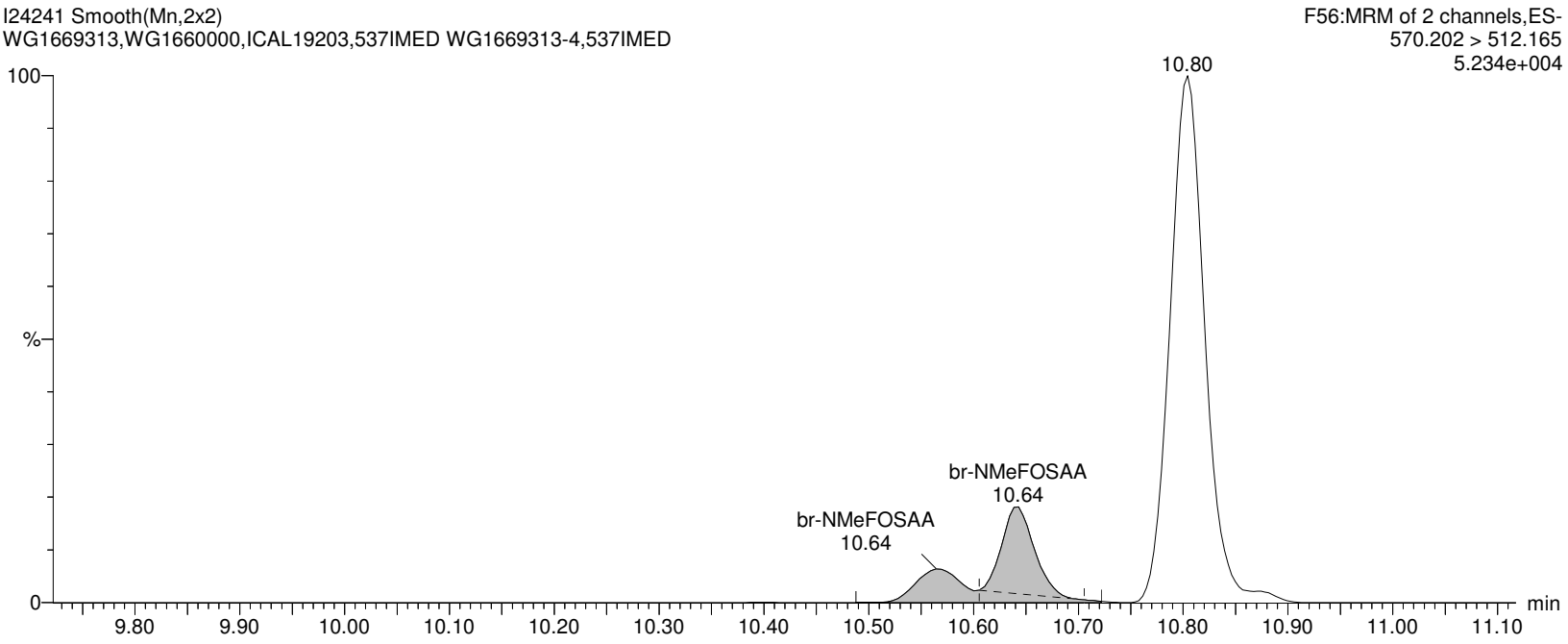
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

br-NMeFOSAA



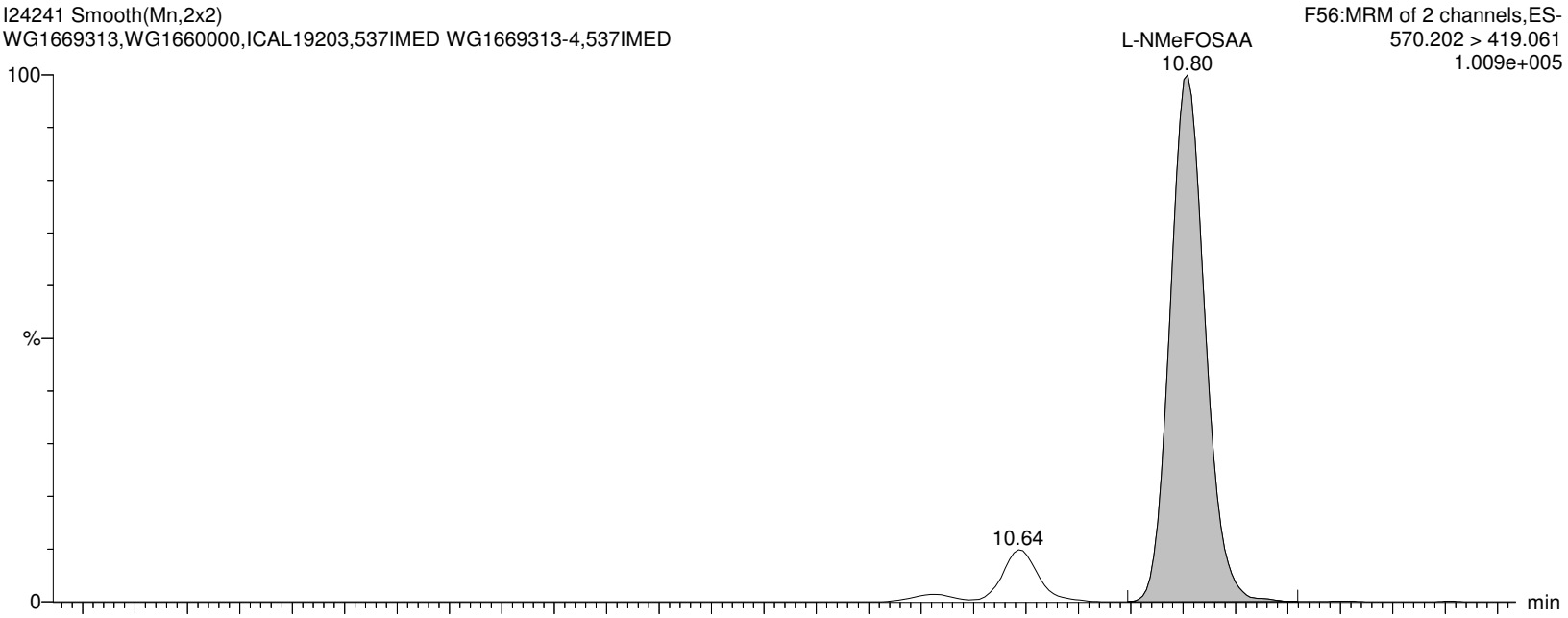


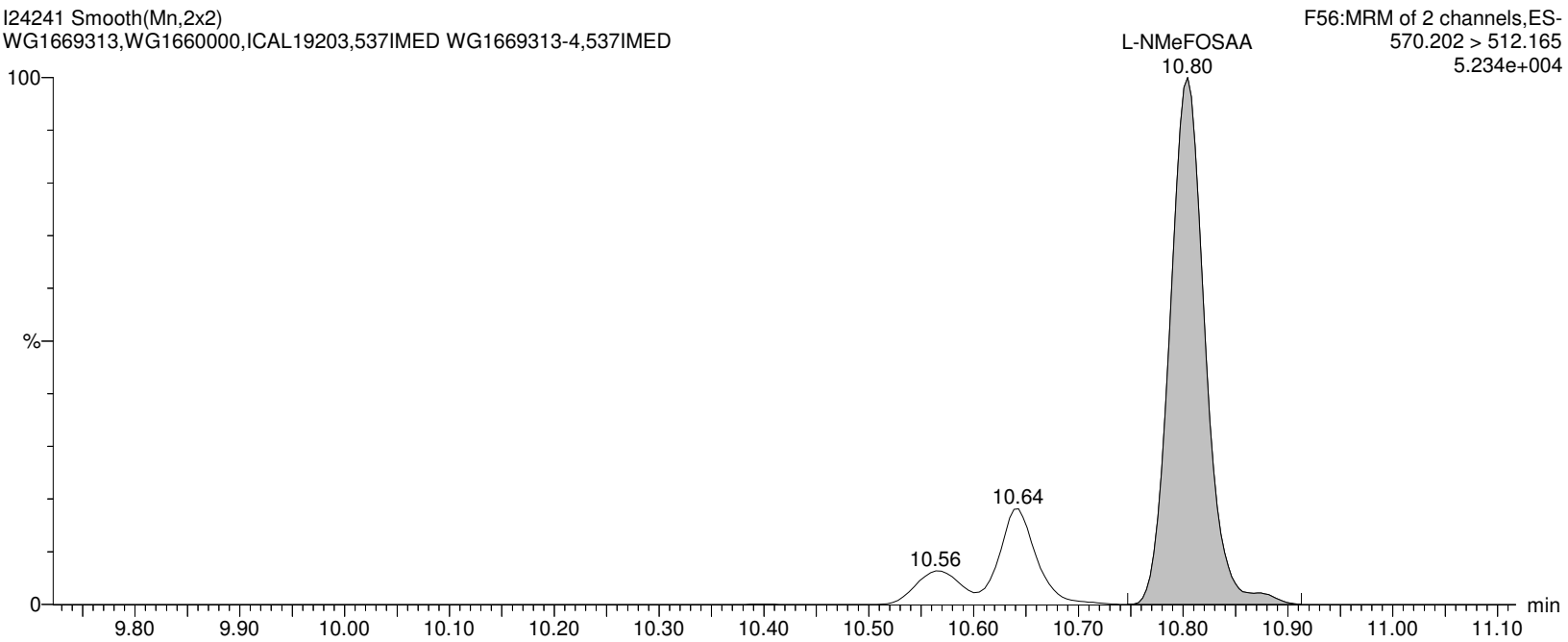
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

L-NMeFOSAA



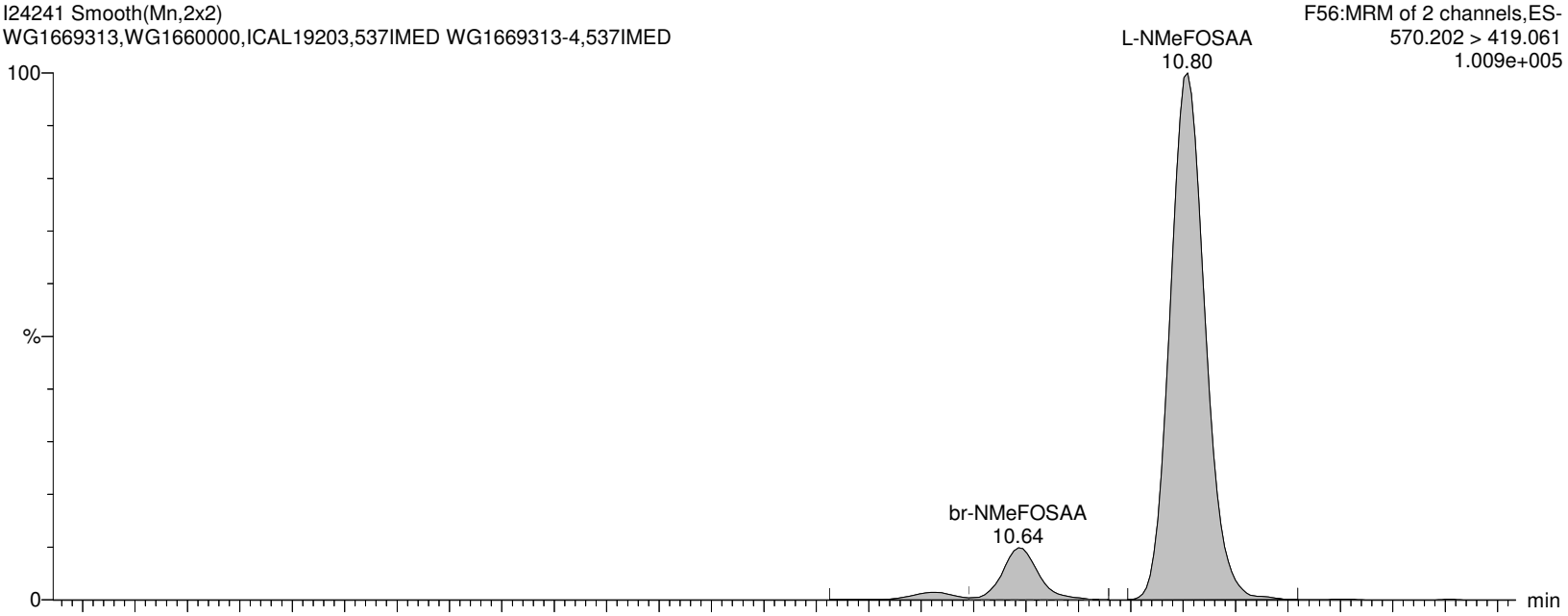


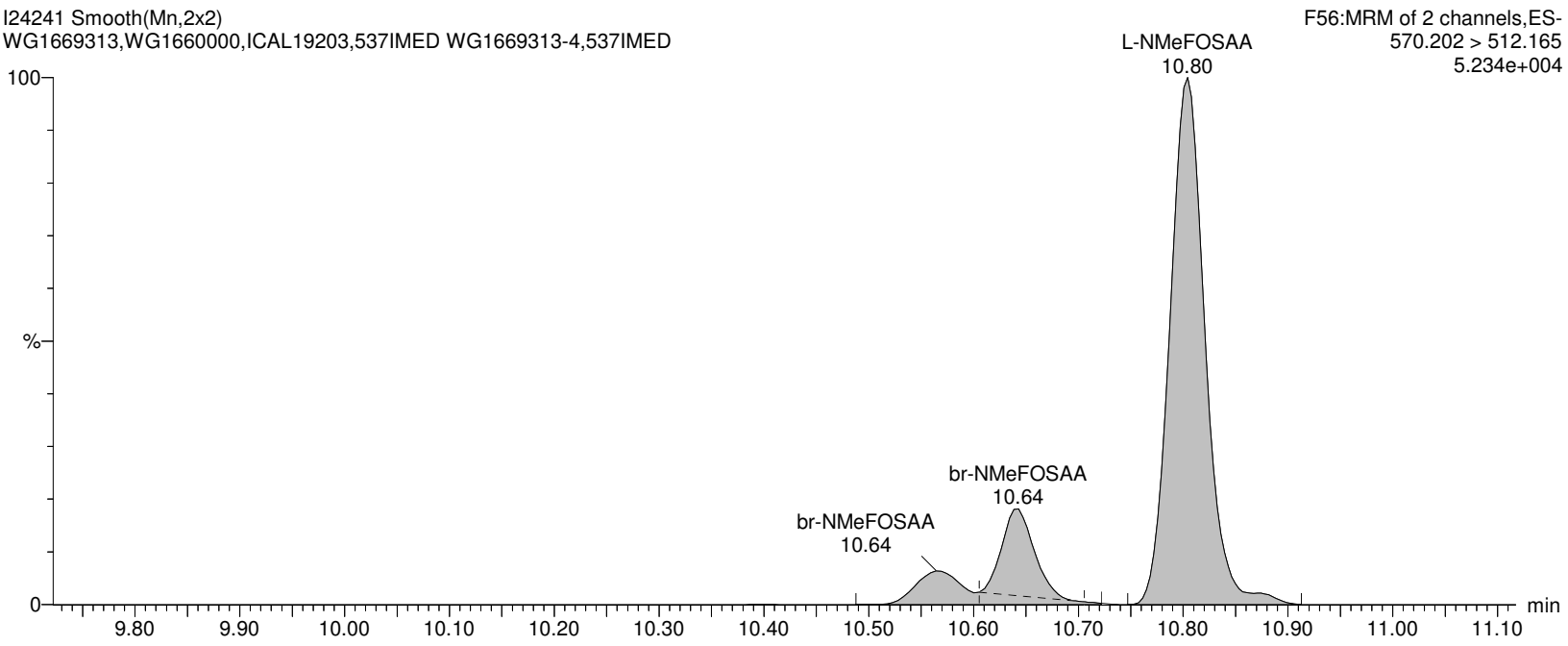
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

NMeFOSAA



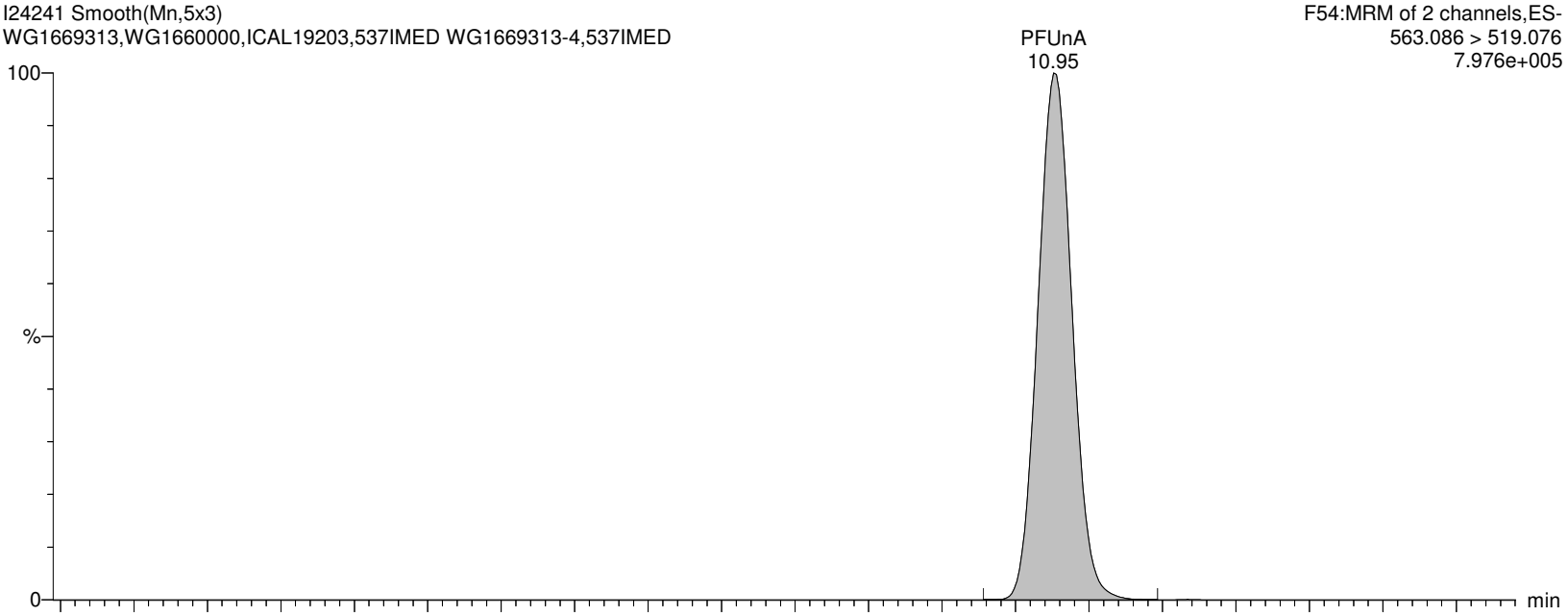


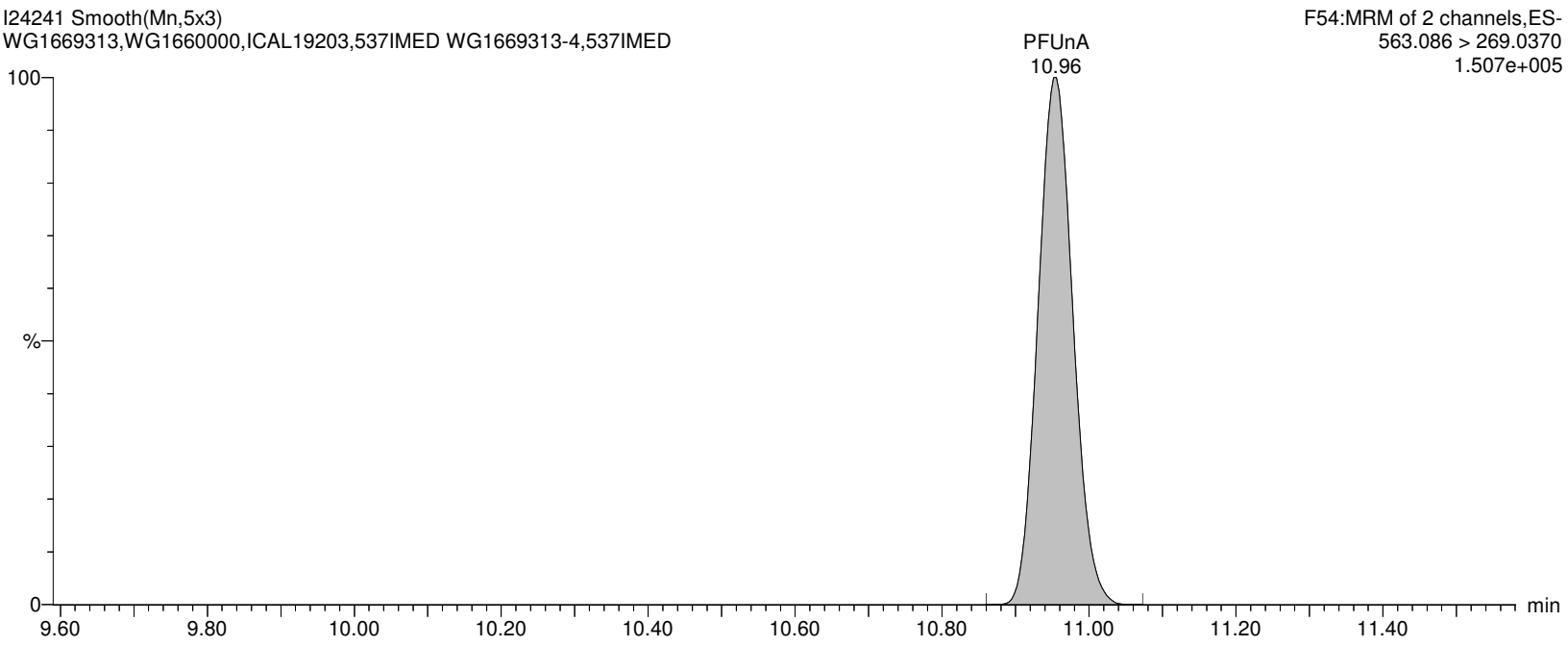
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFUnA



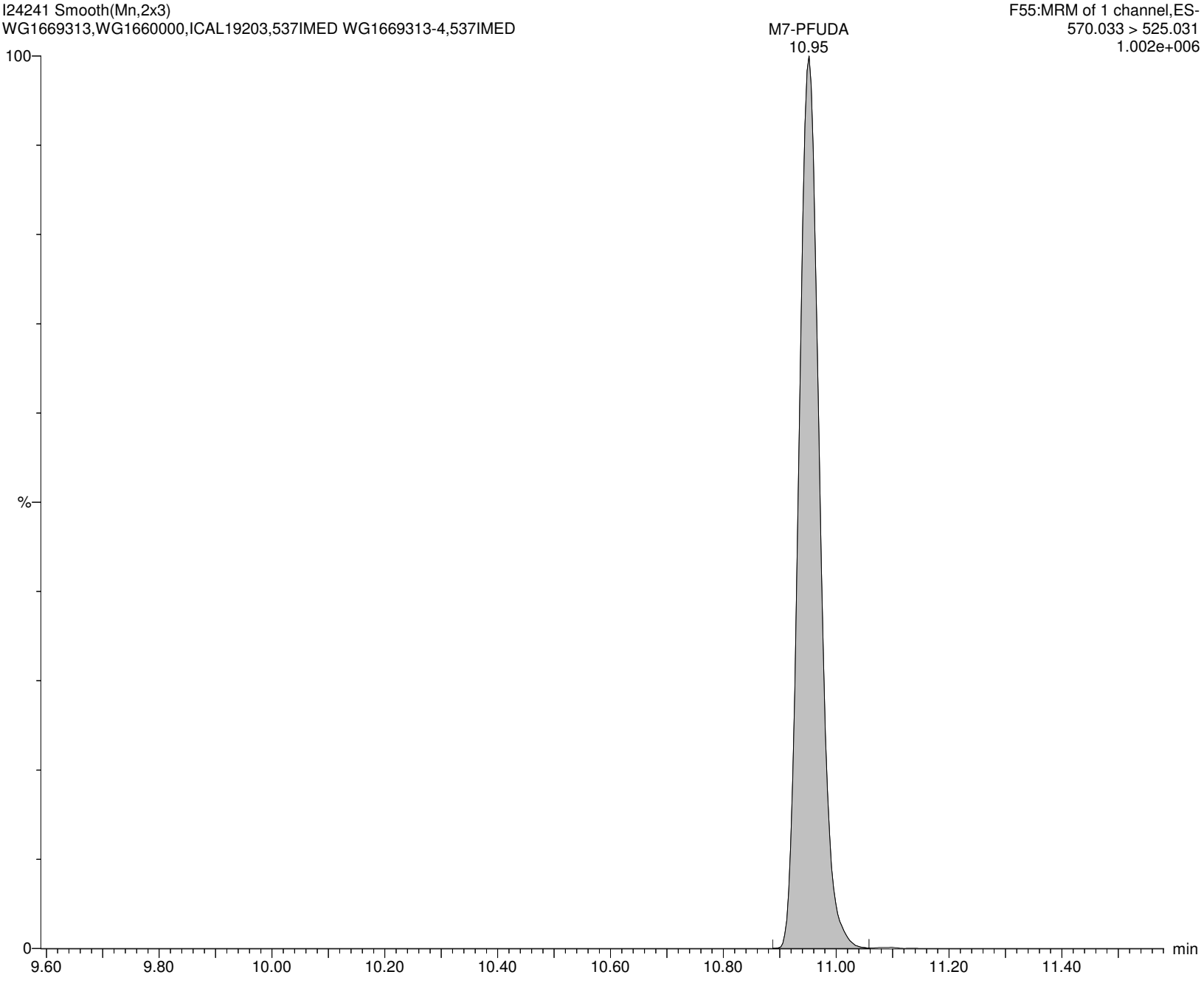


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M7-PFUDA

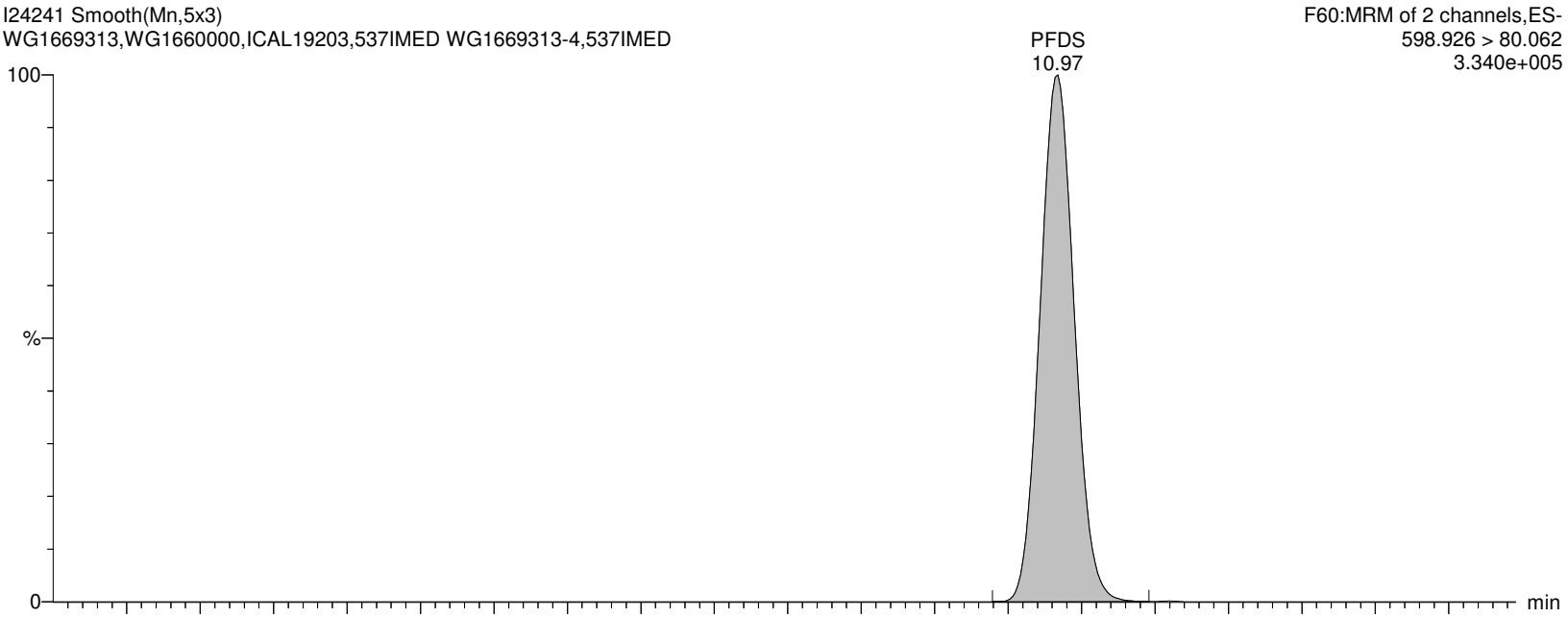


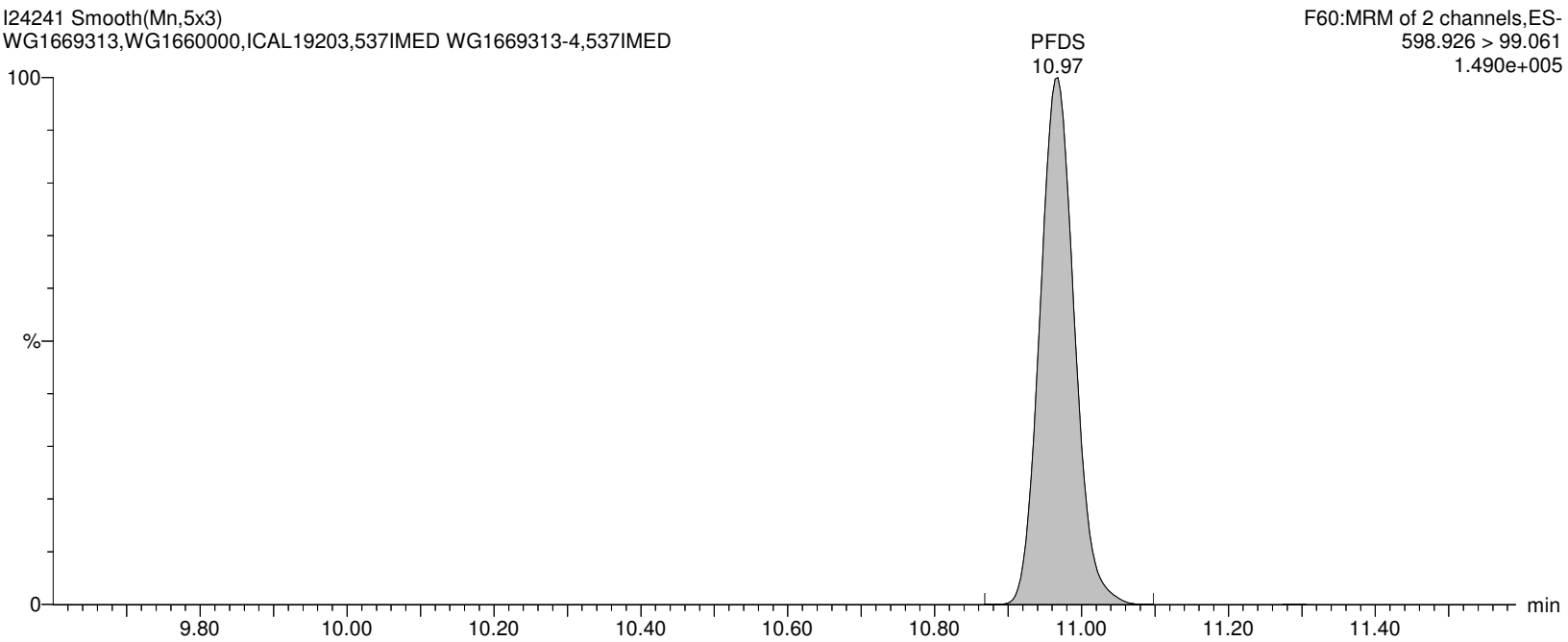
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFDS



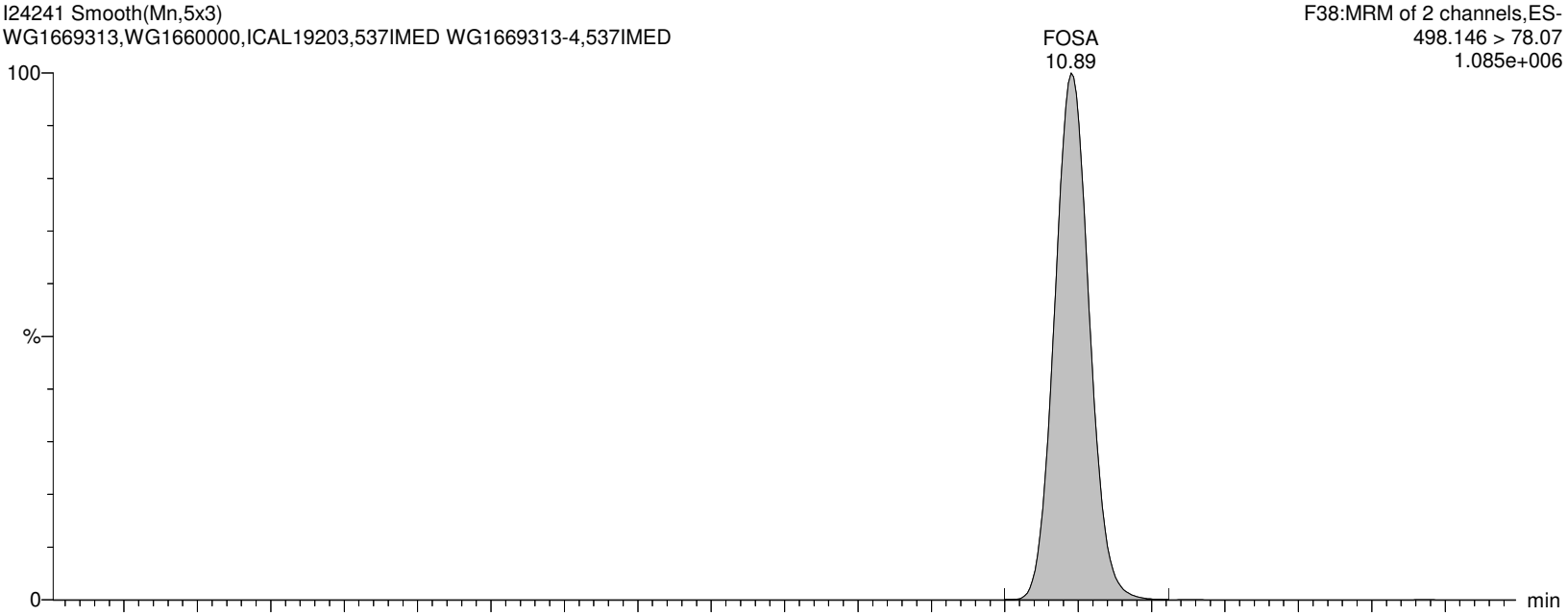


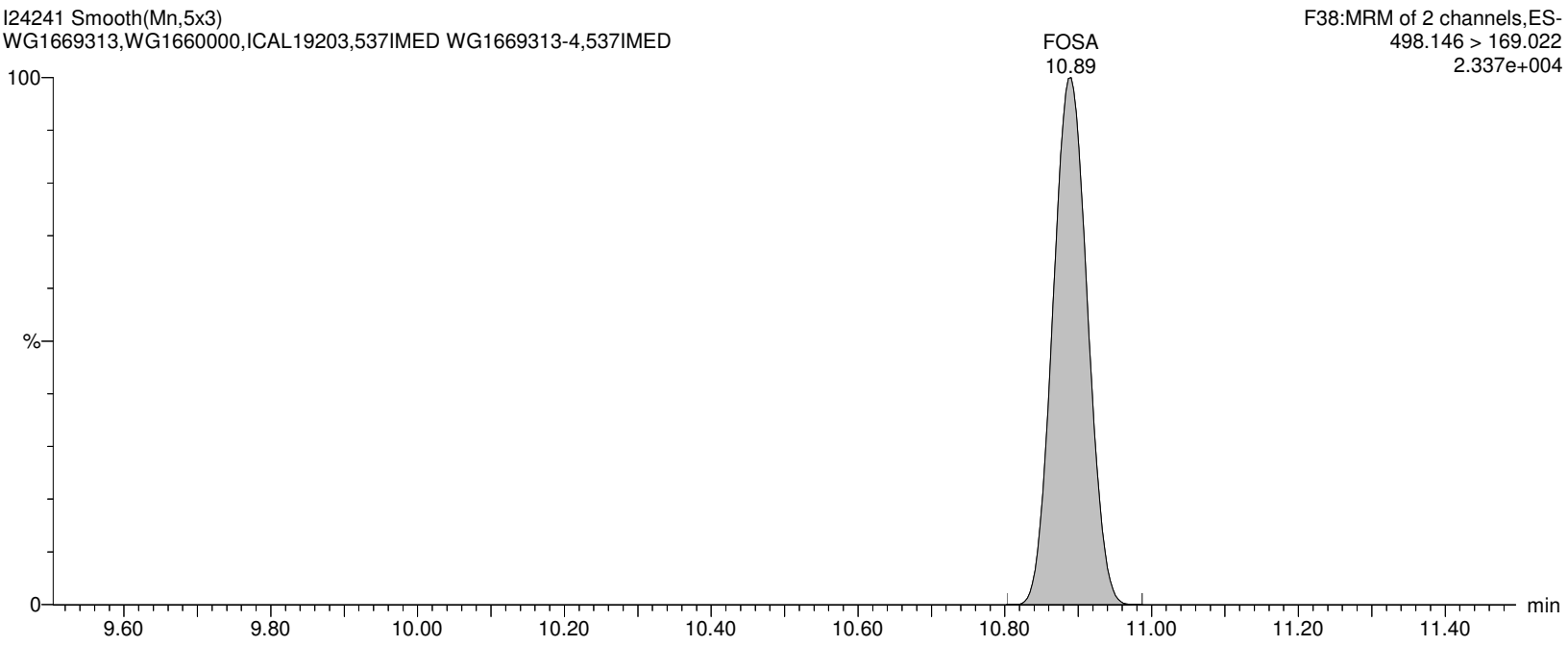
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

FOSA



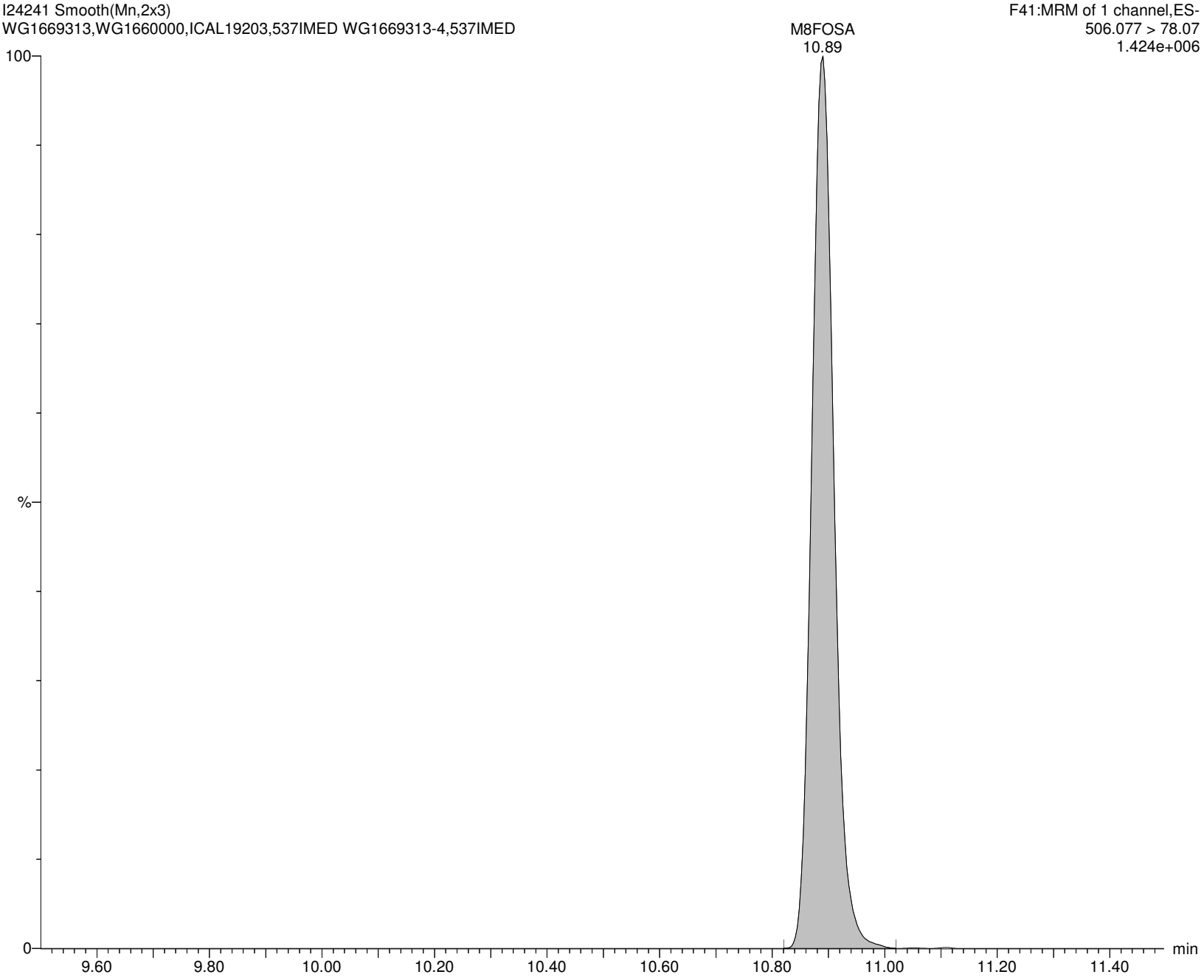


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M8FOSA

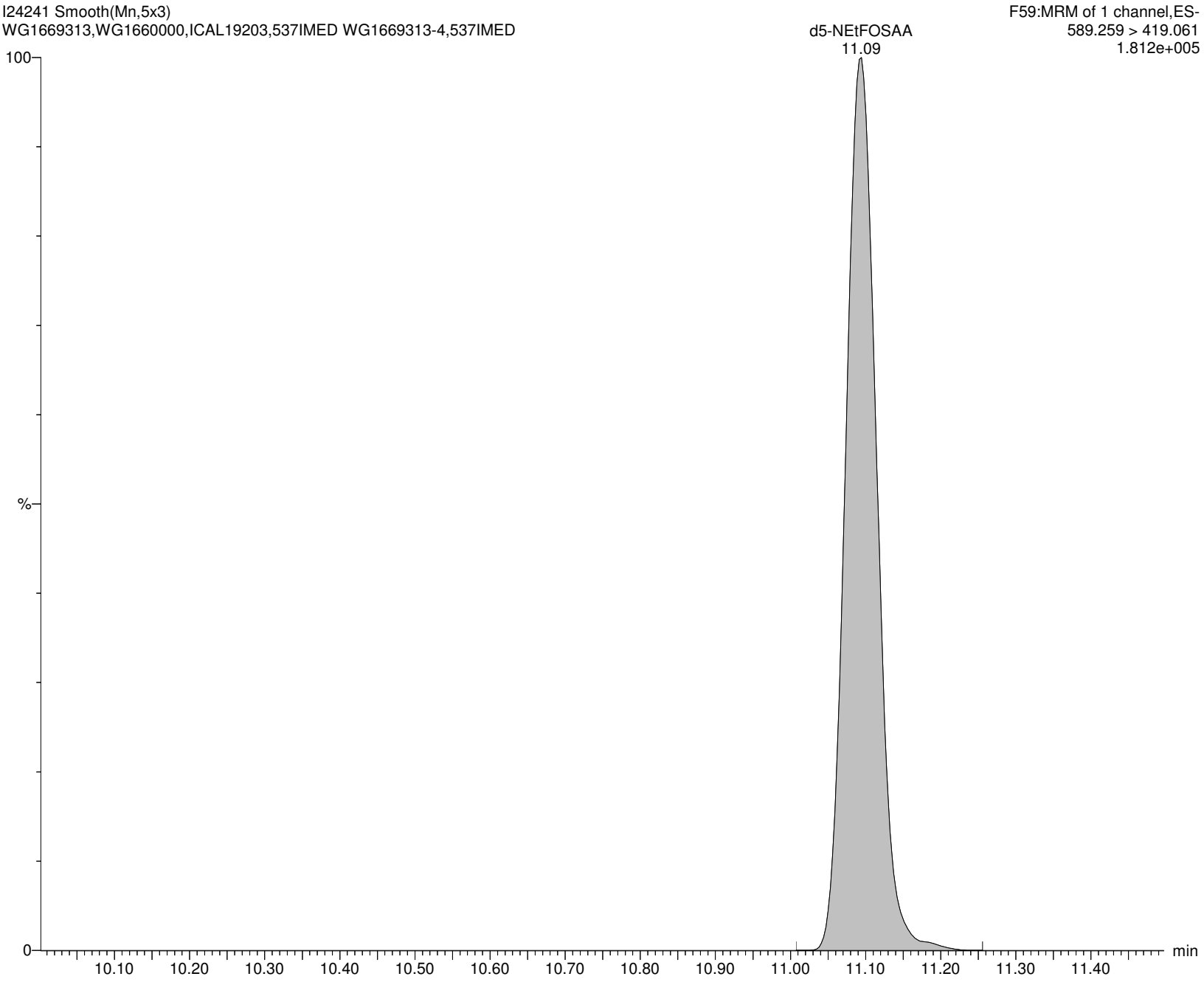


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

d5-NEtFOSAA

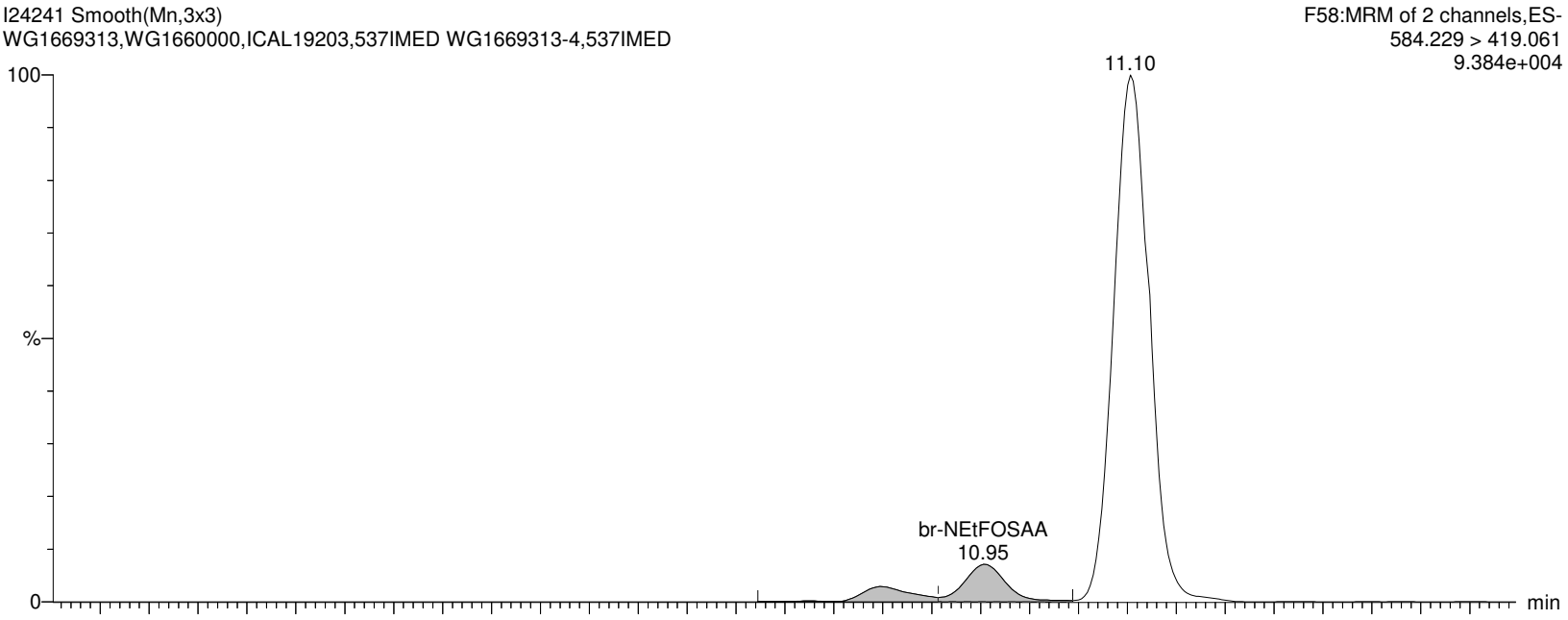


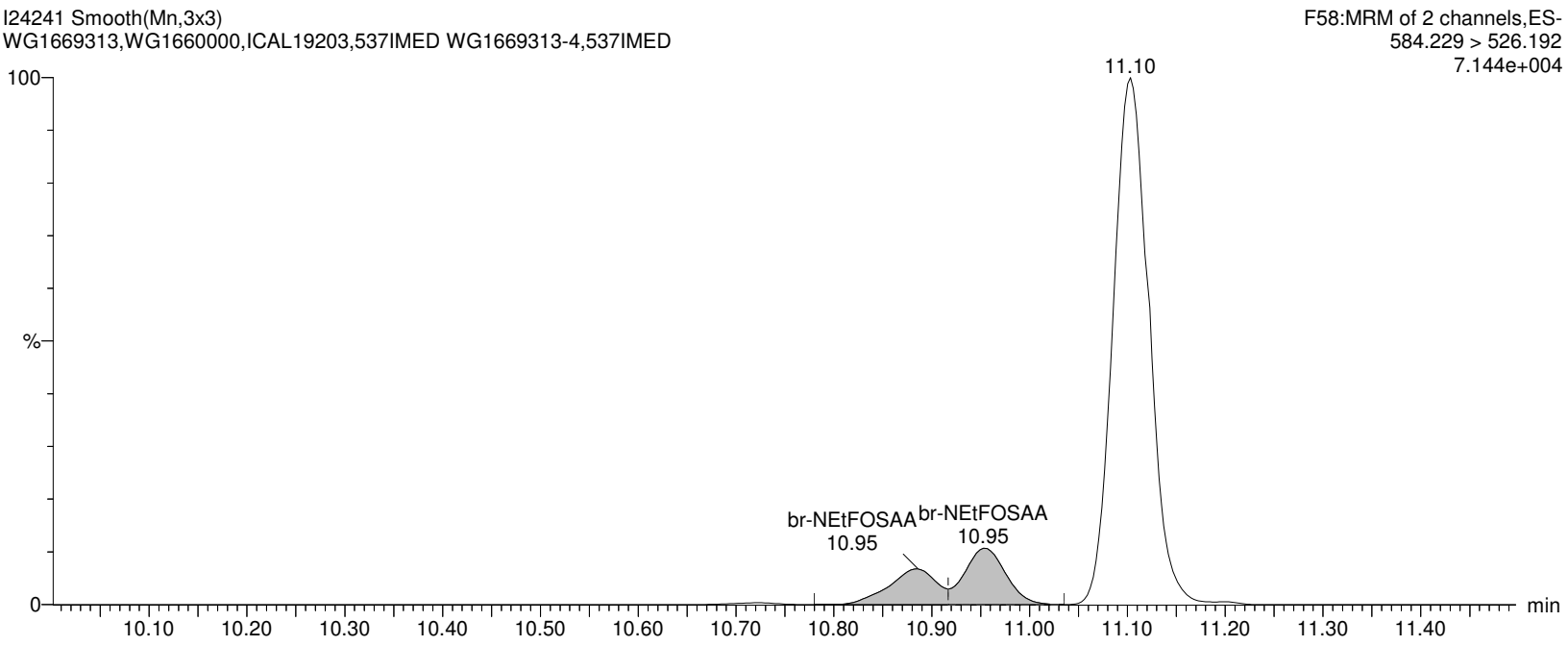
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

br-NEtFOSAA



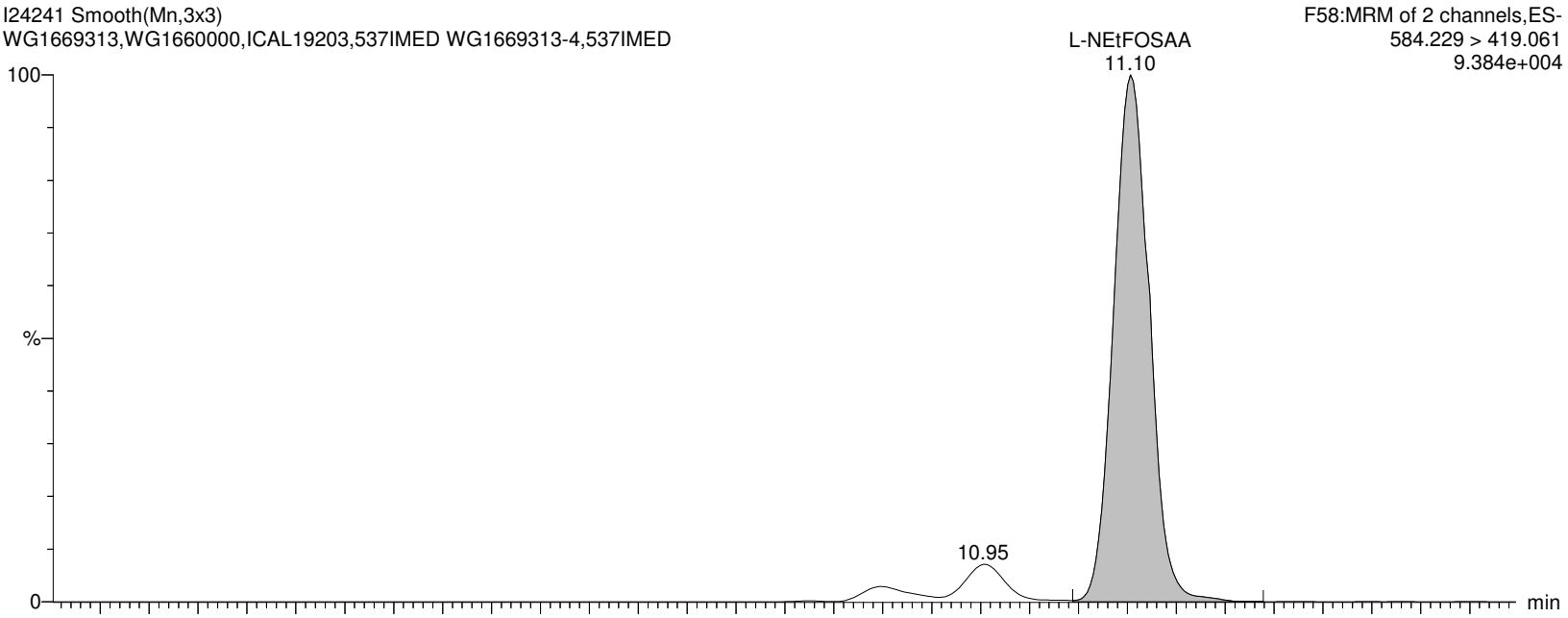


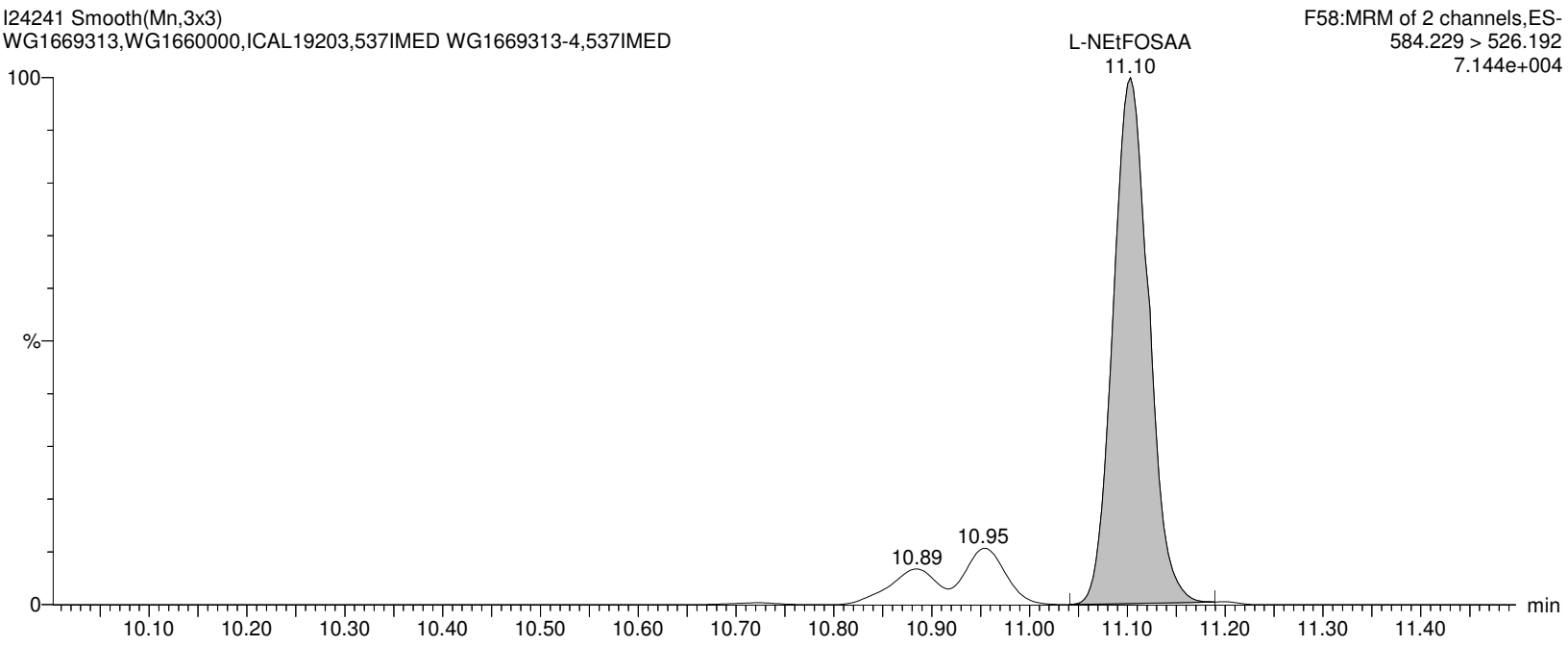
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

L-NEtFOSAA



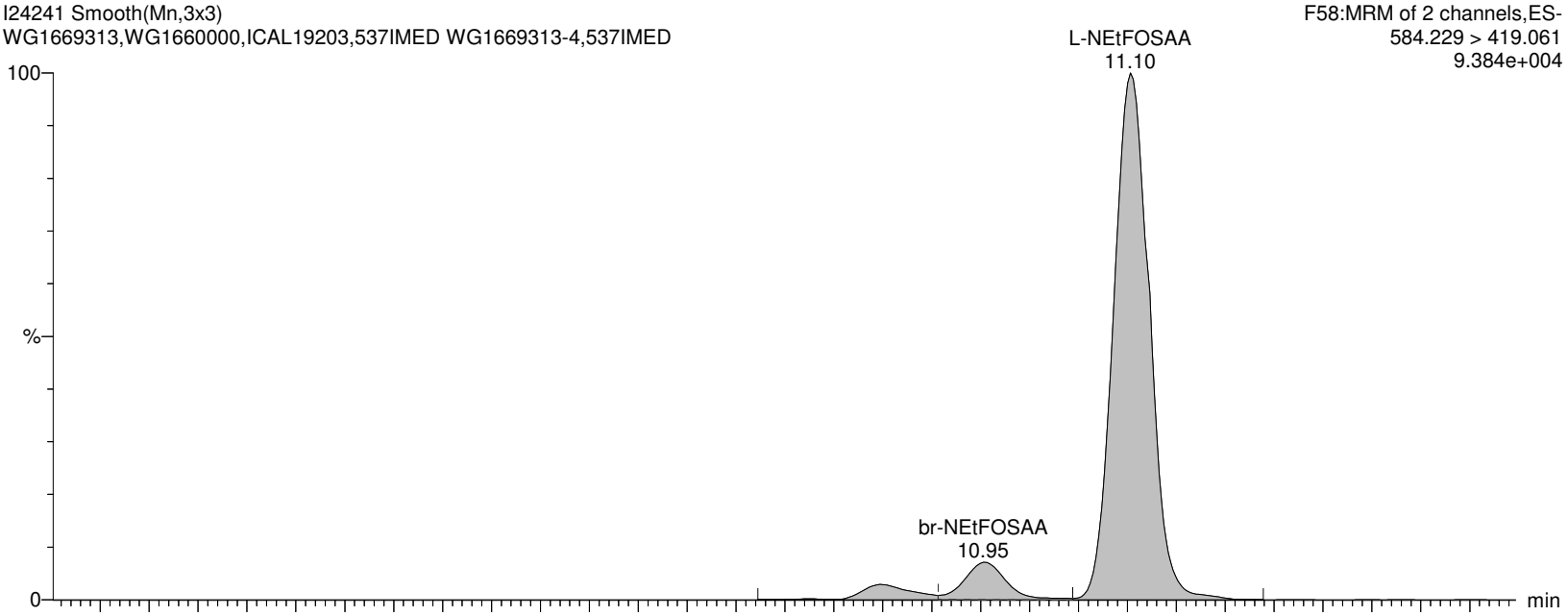


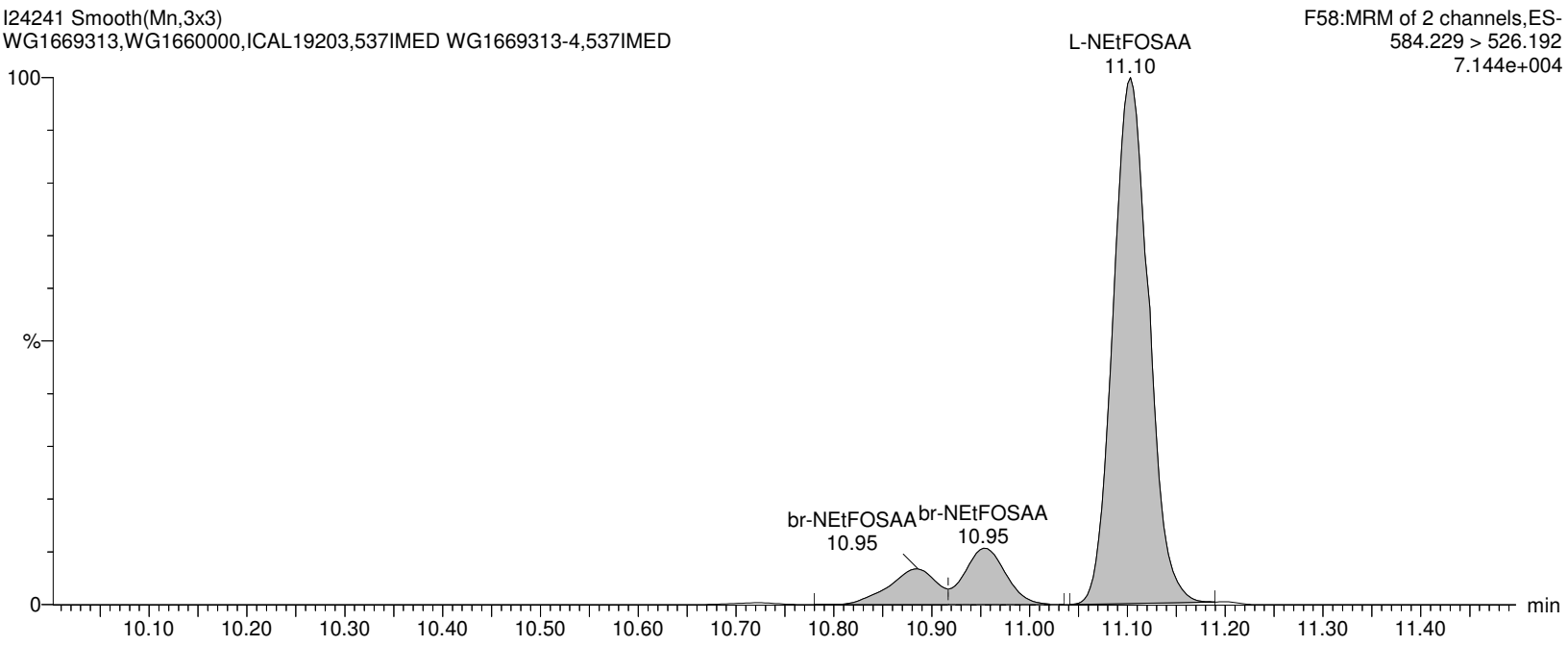
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

NEtFOSAA



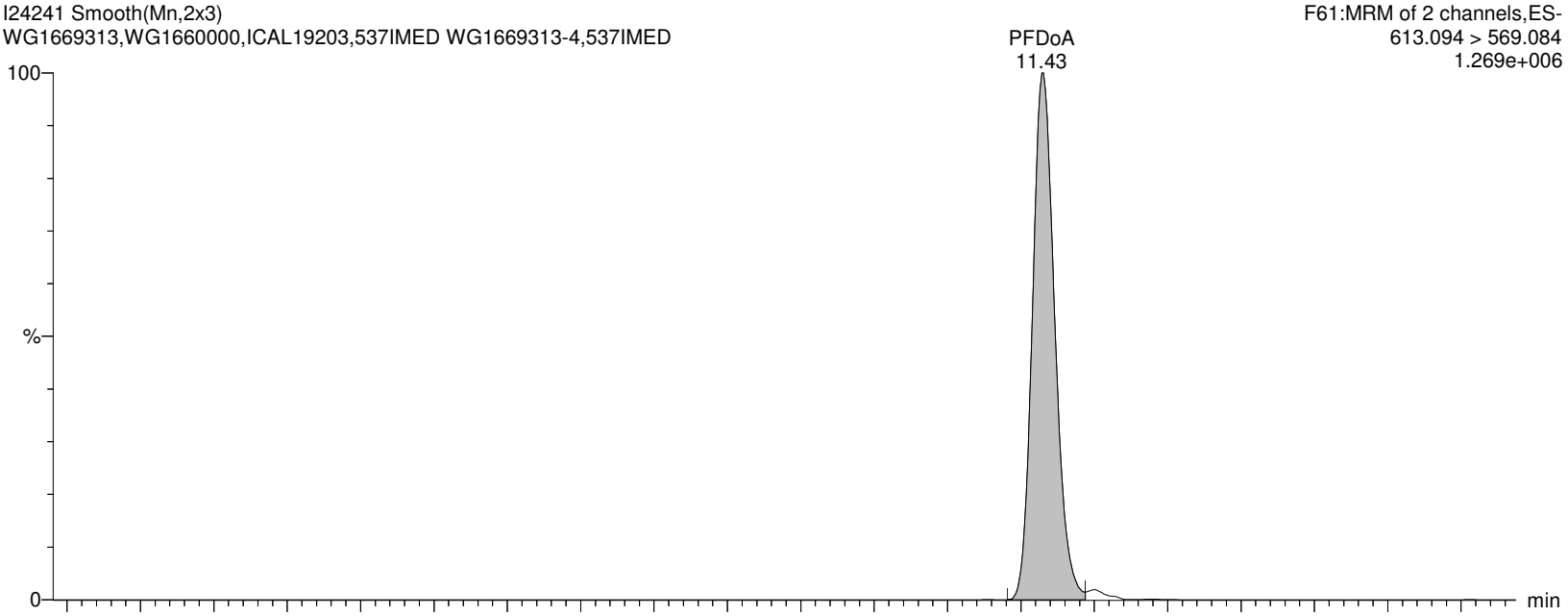


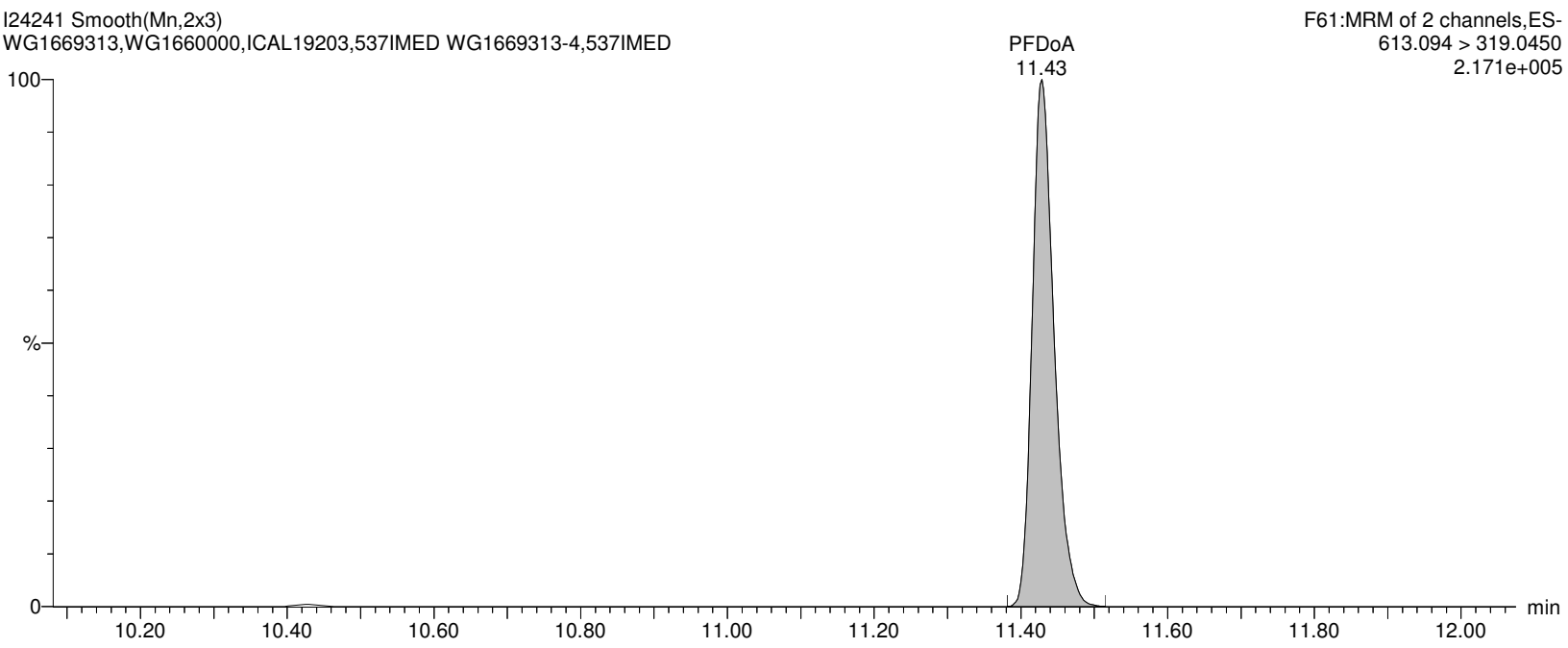
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFDoA



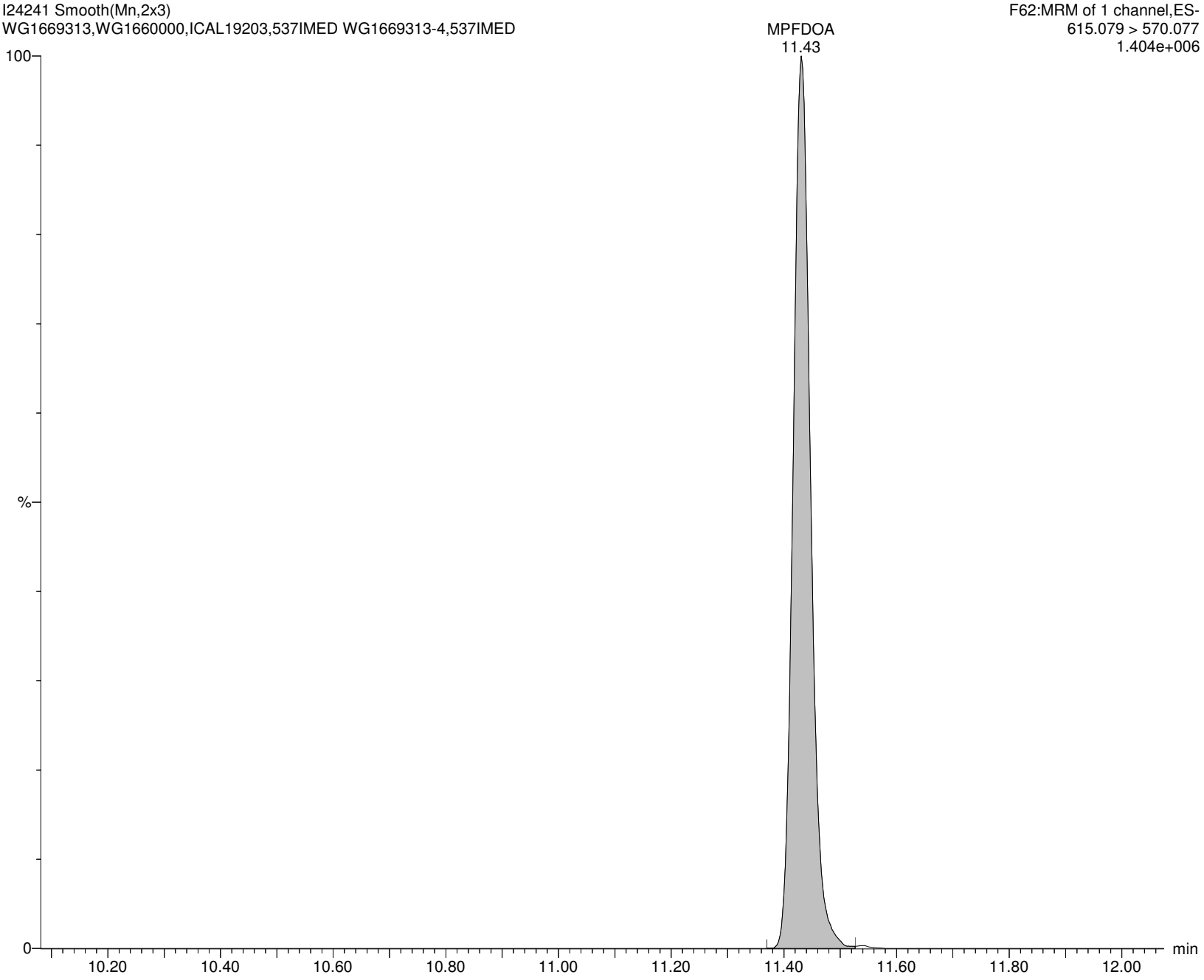


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

MPFDOA

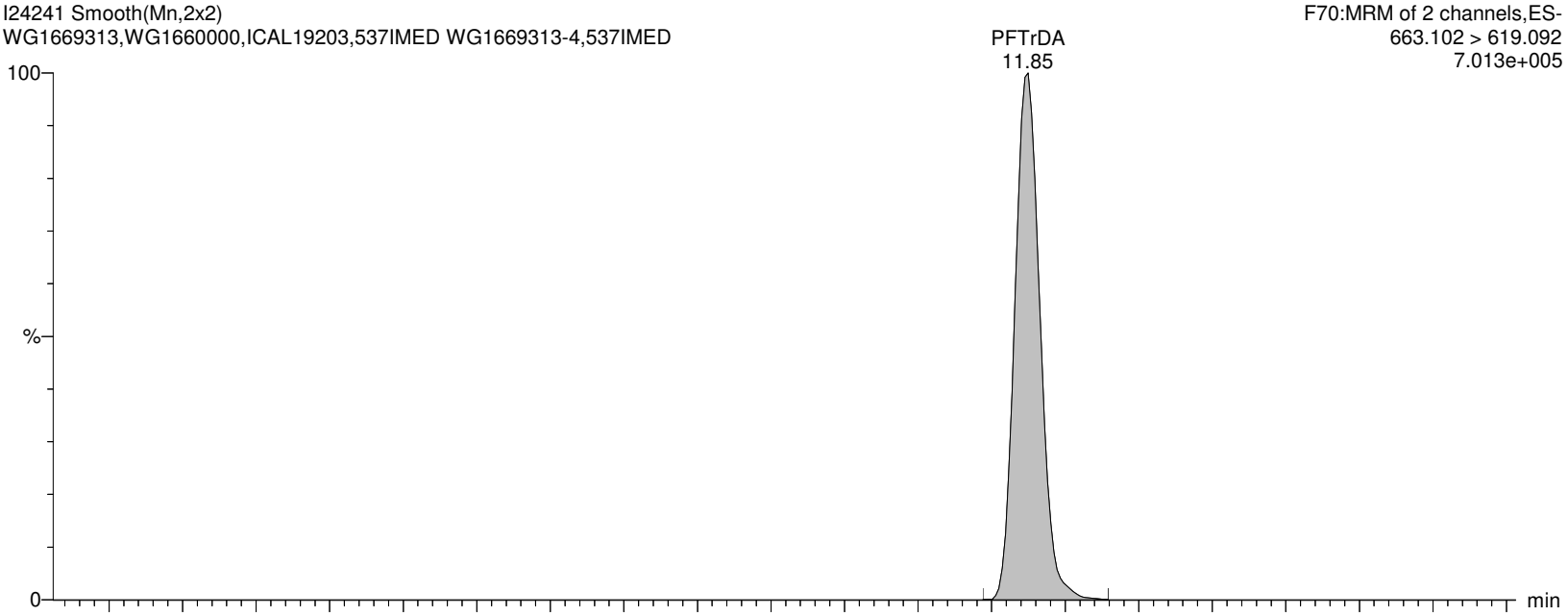


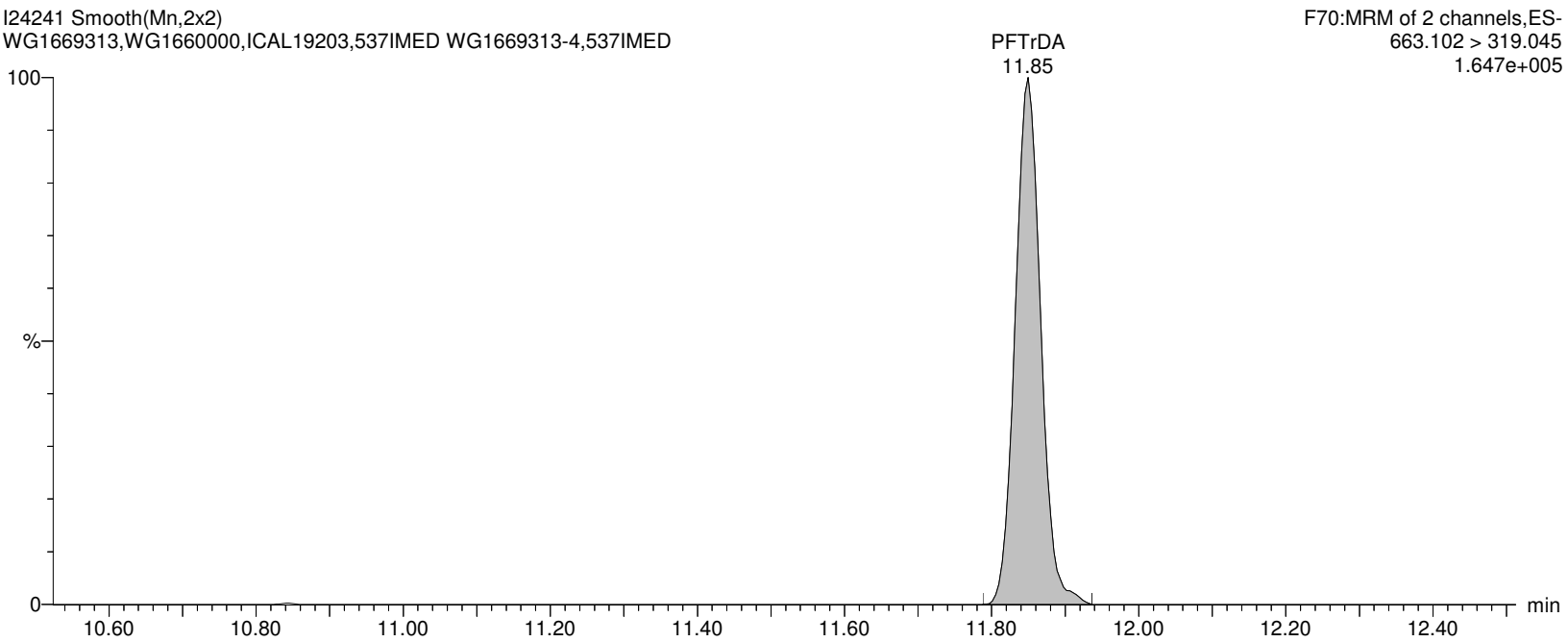
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFTrDA



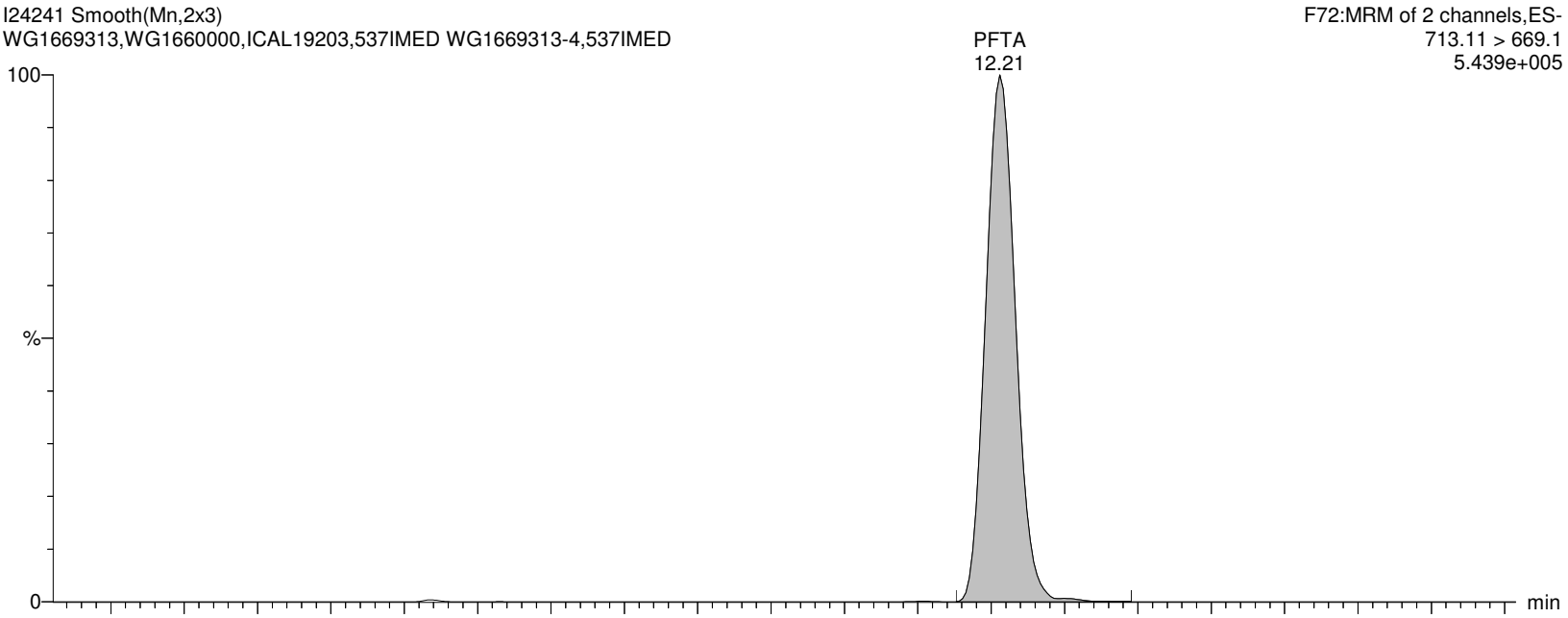


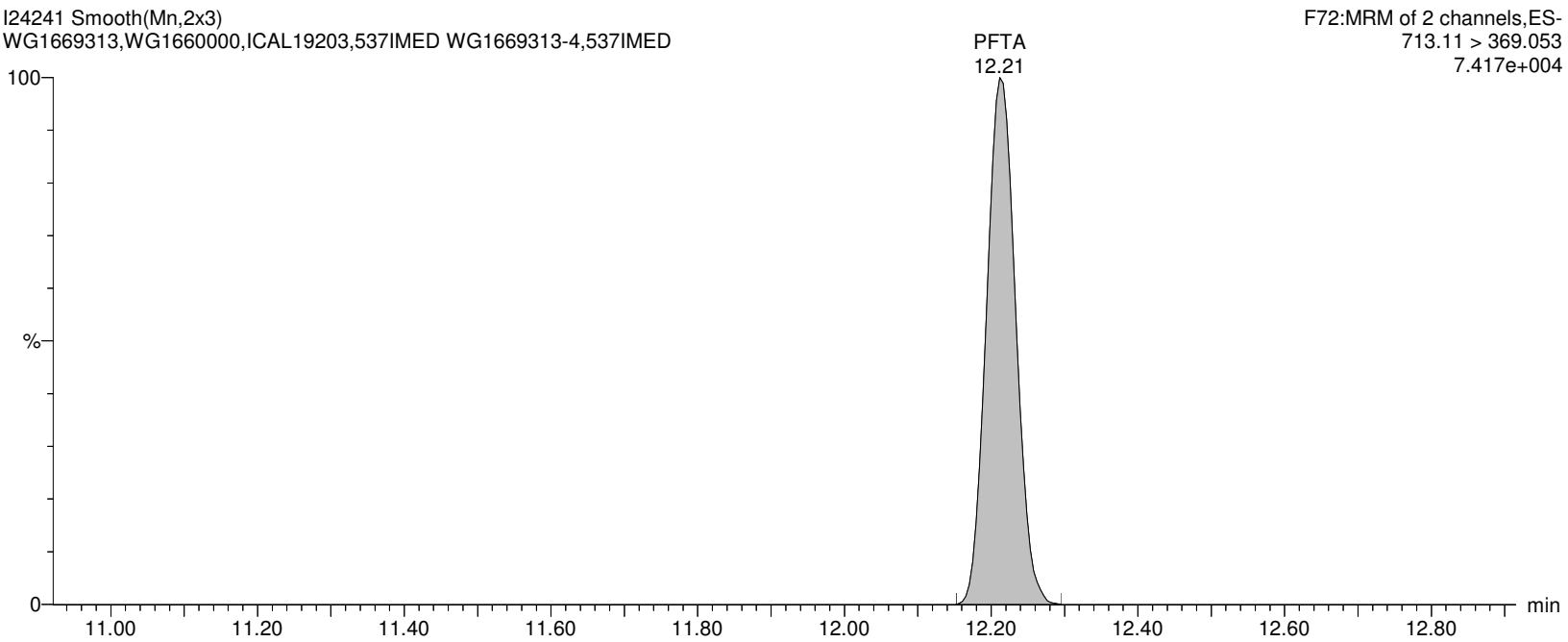
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFTA



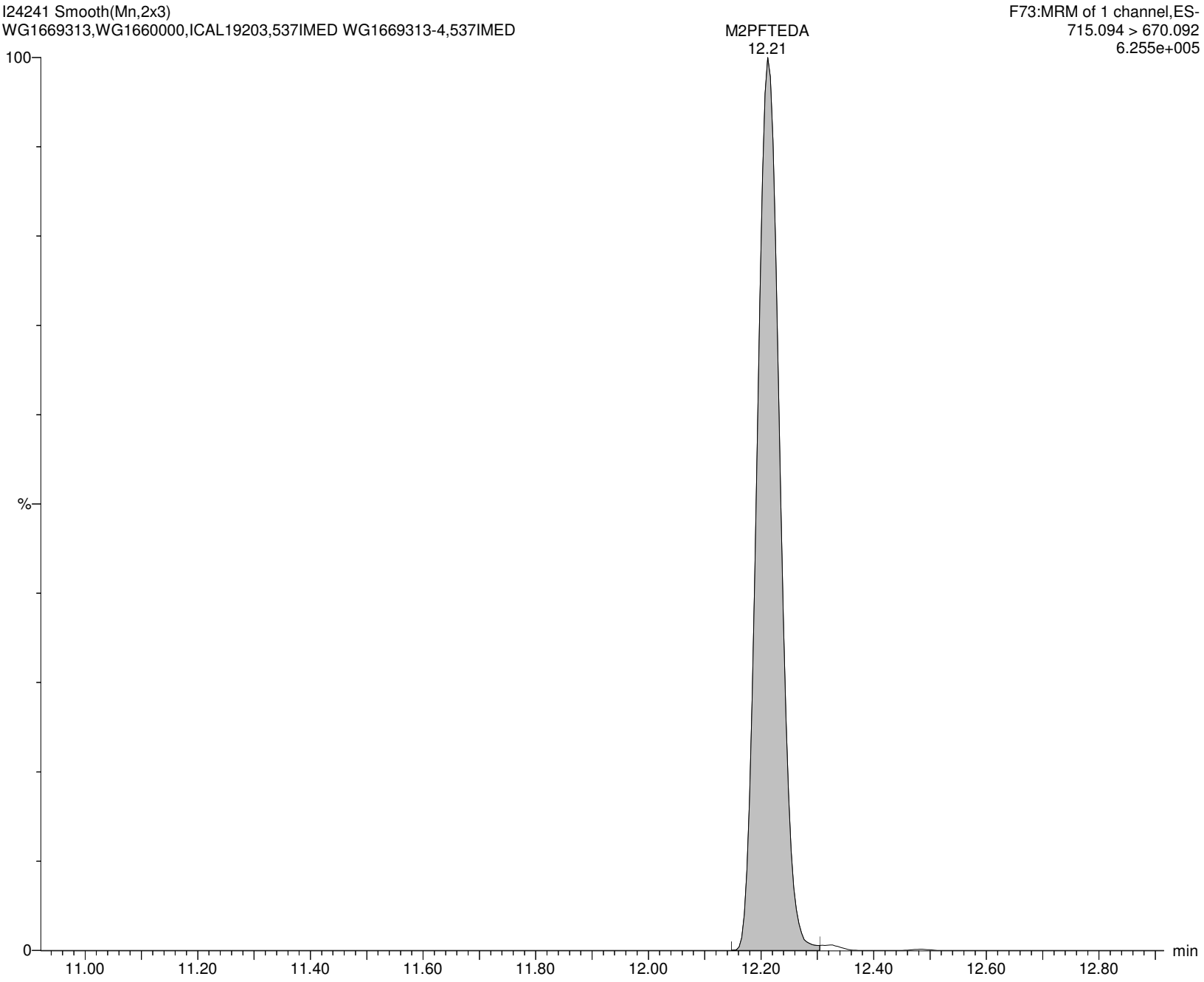


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2PFTEDA

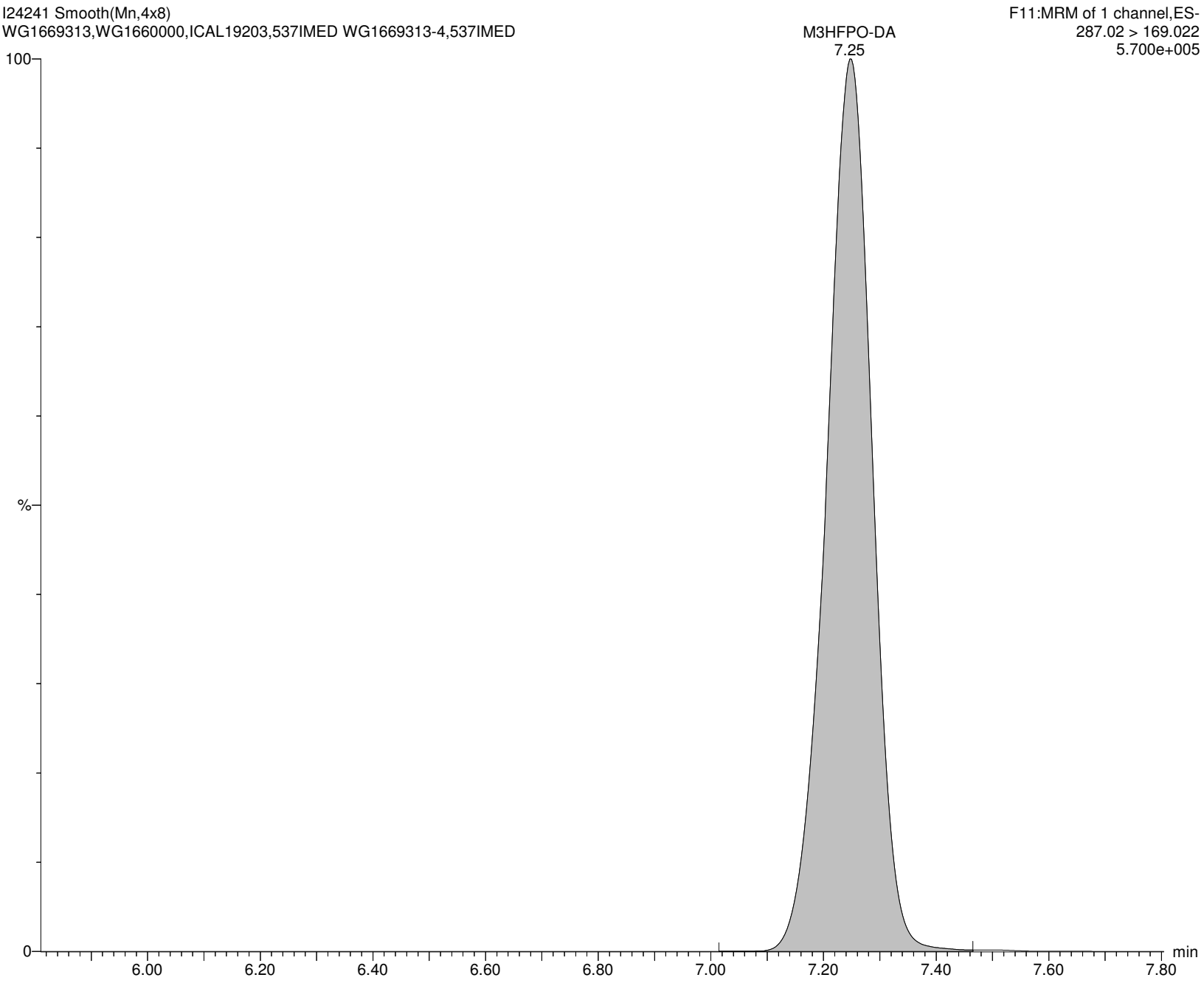


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M3HFPO-DA

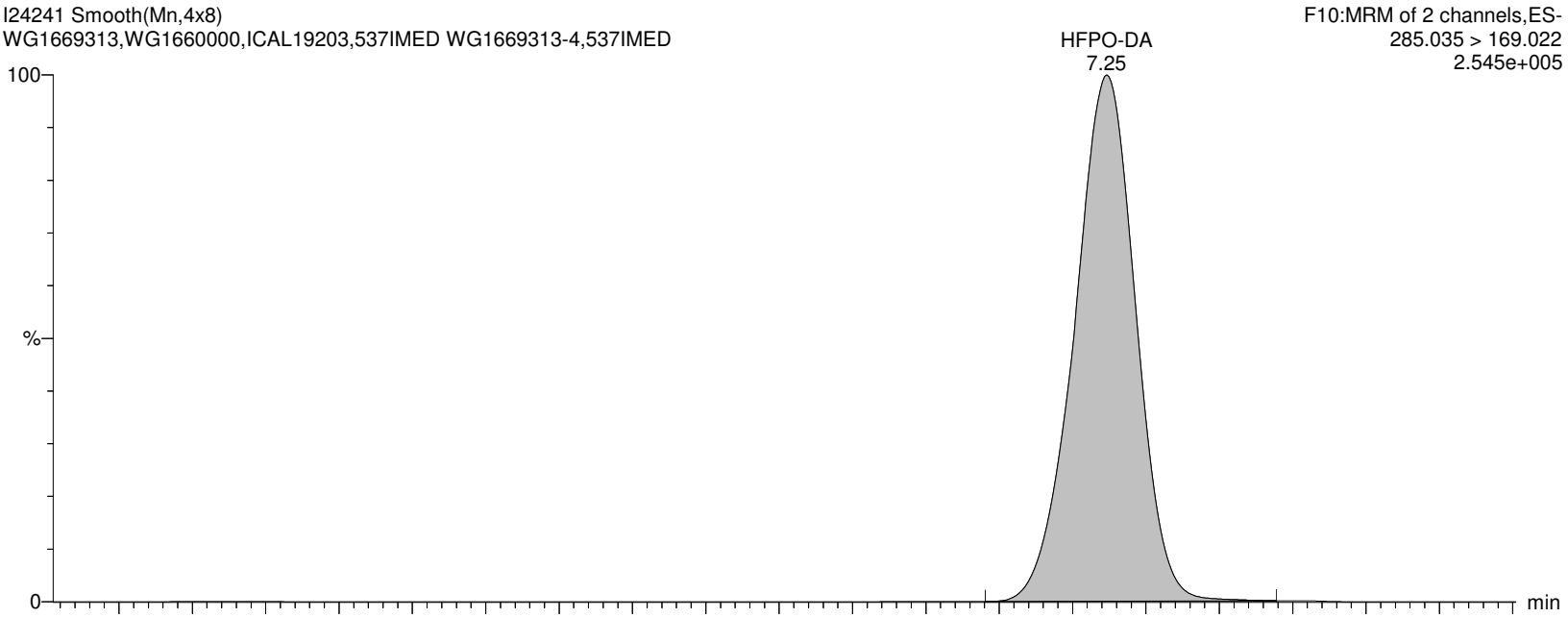


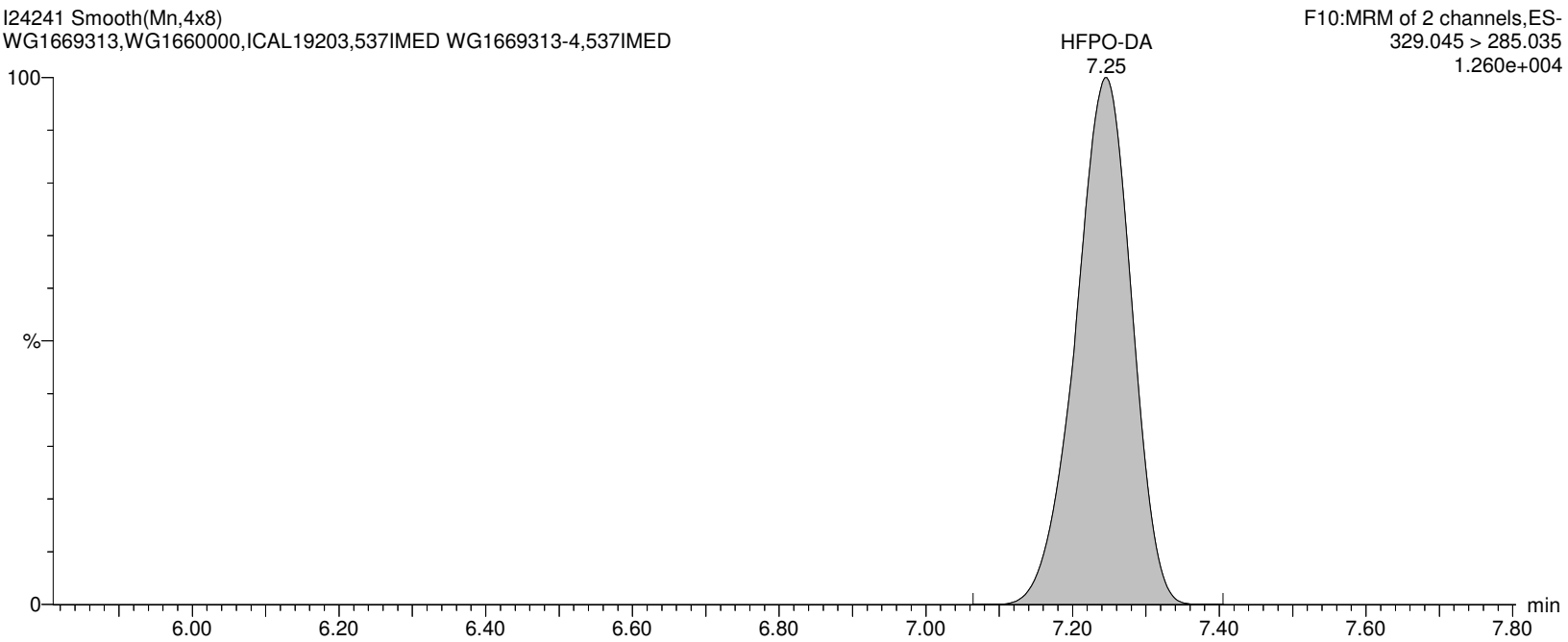
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

HFPO-DA



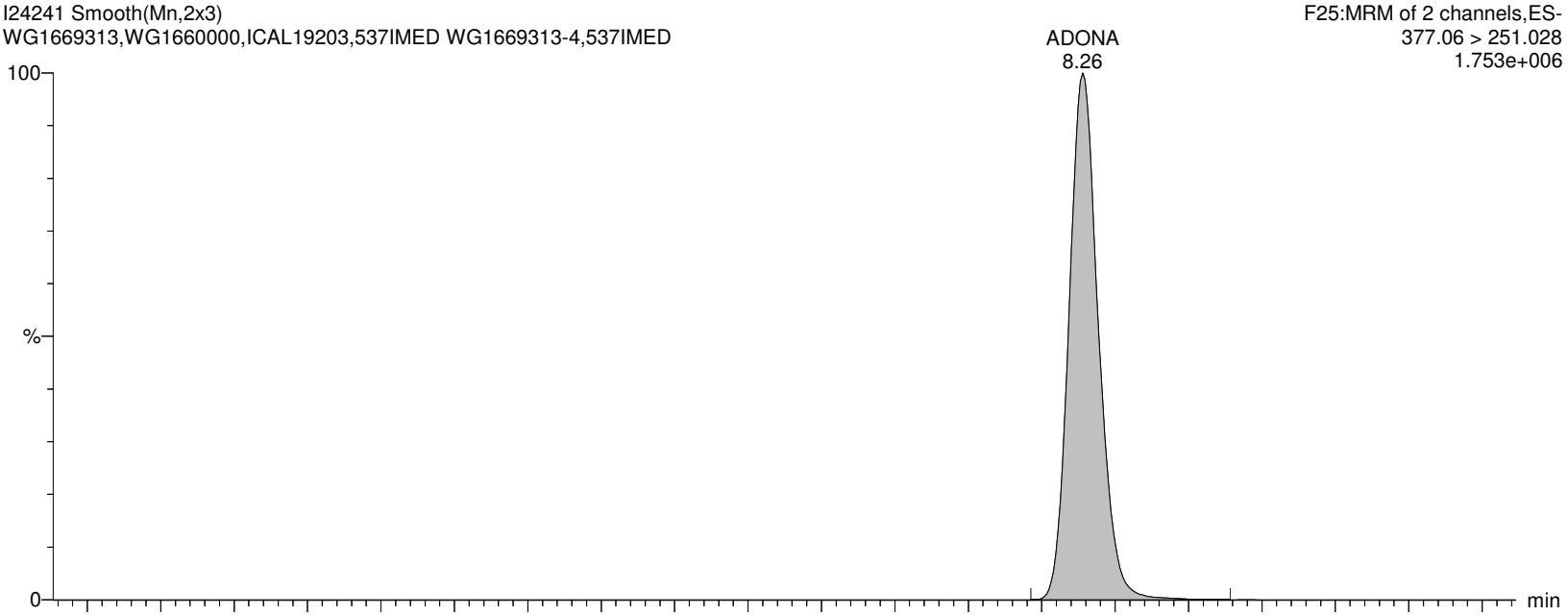


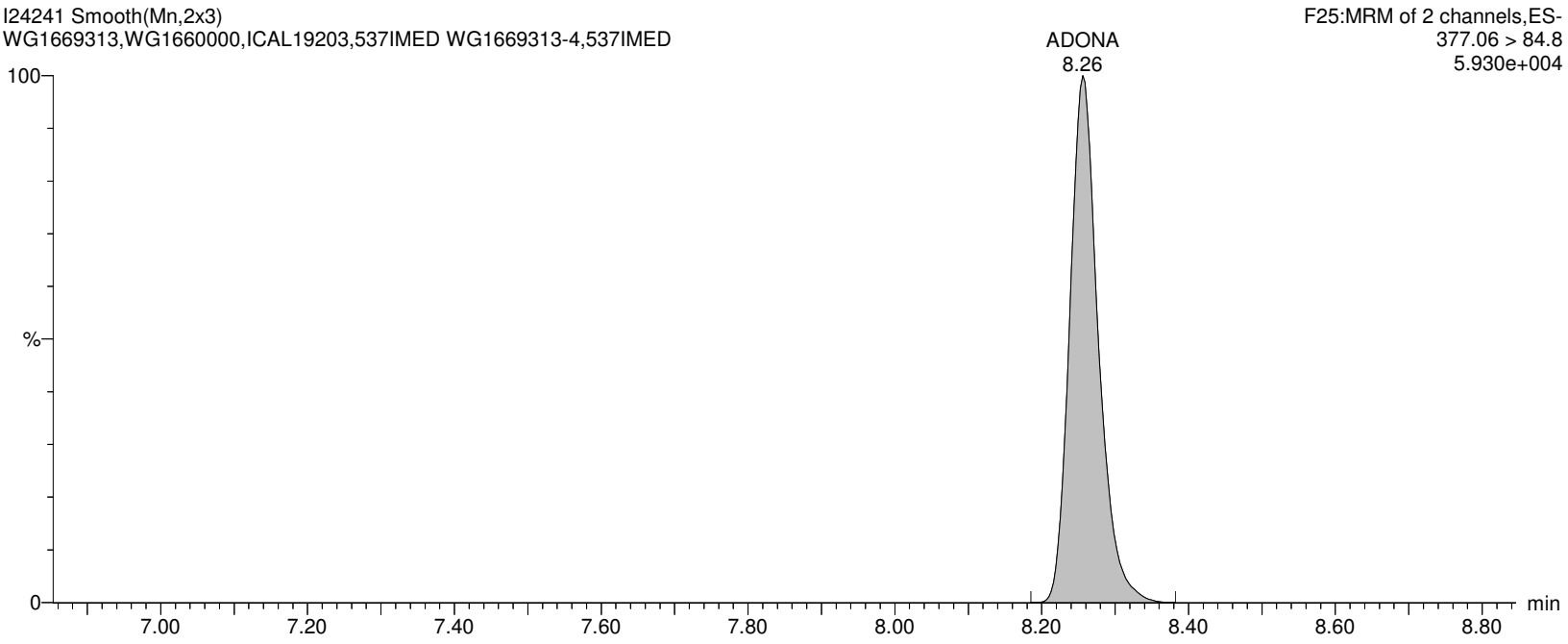
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

ADONA



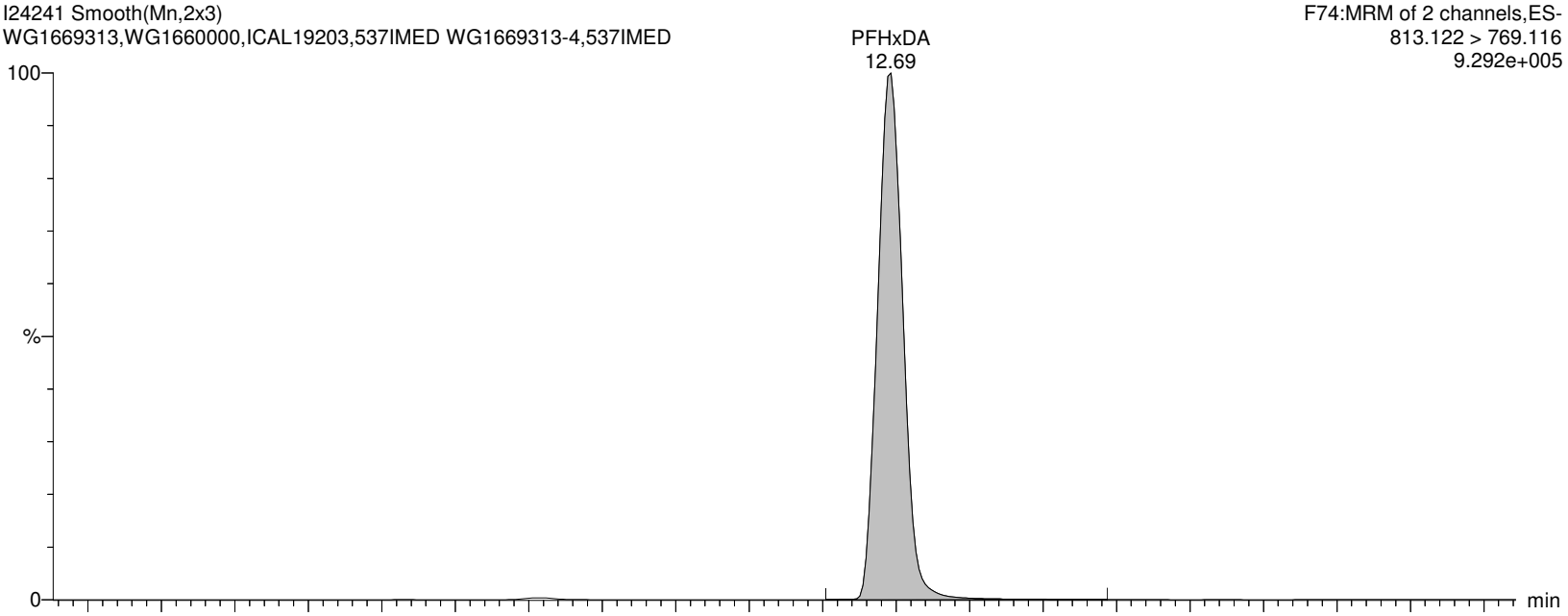


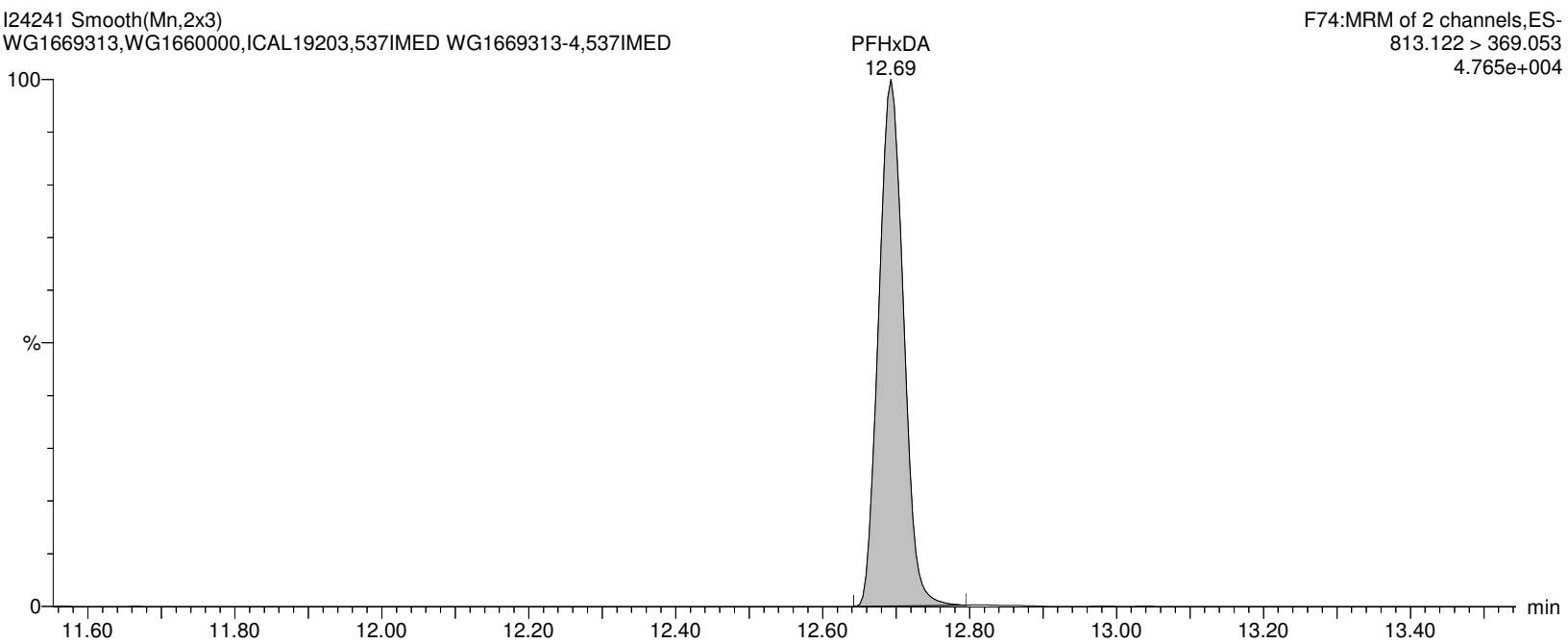
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFHxDA



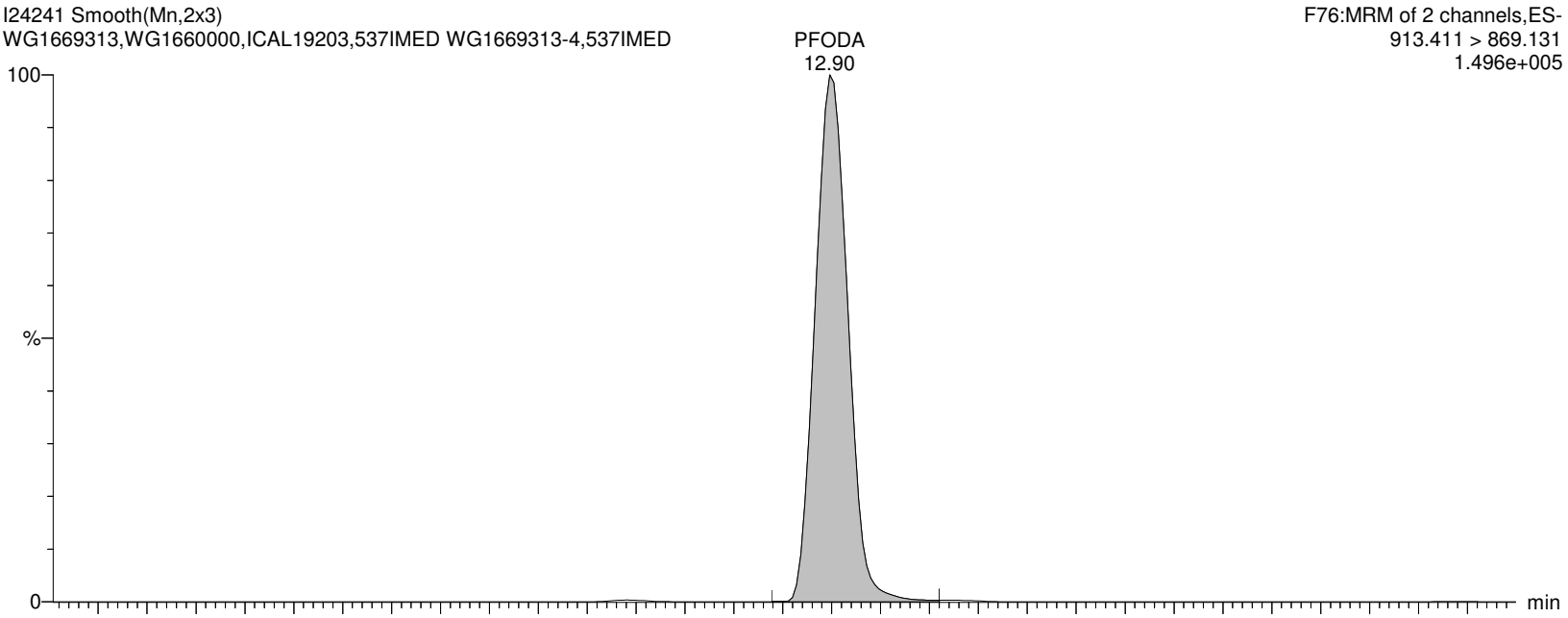


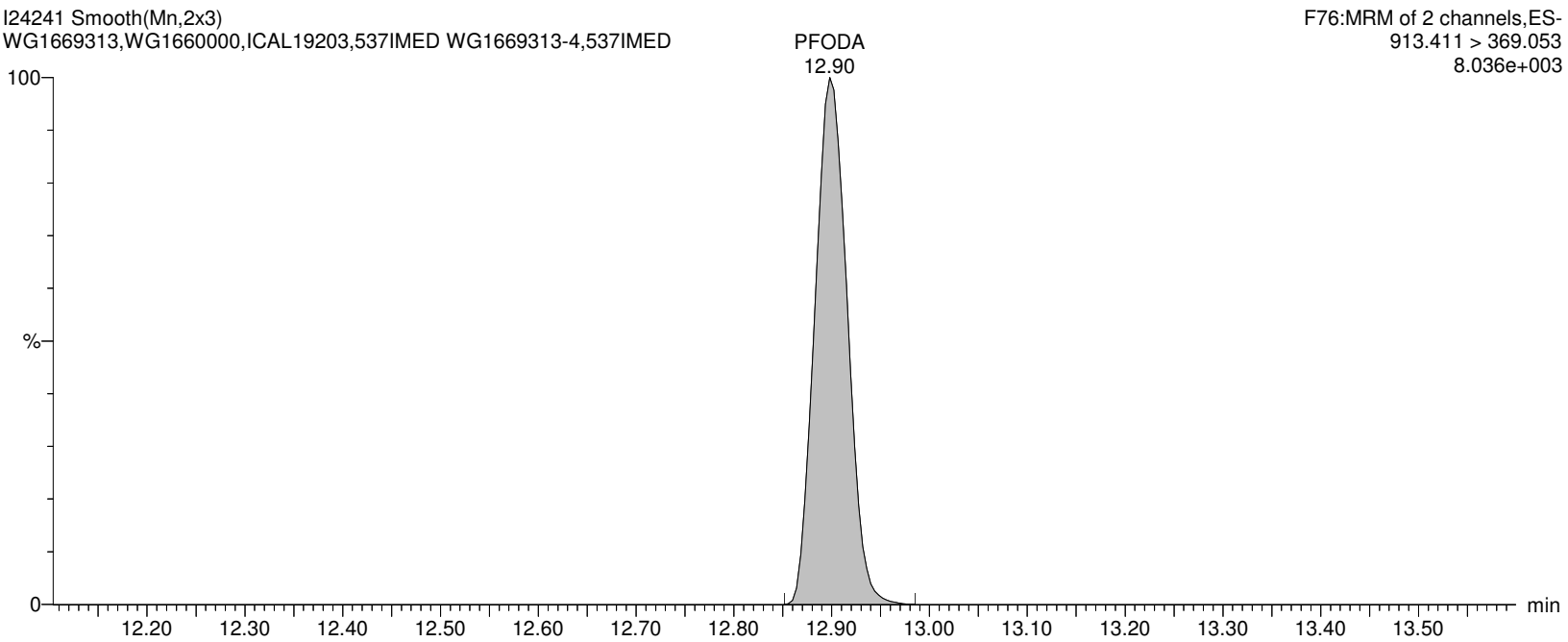
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFODA



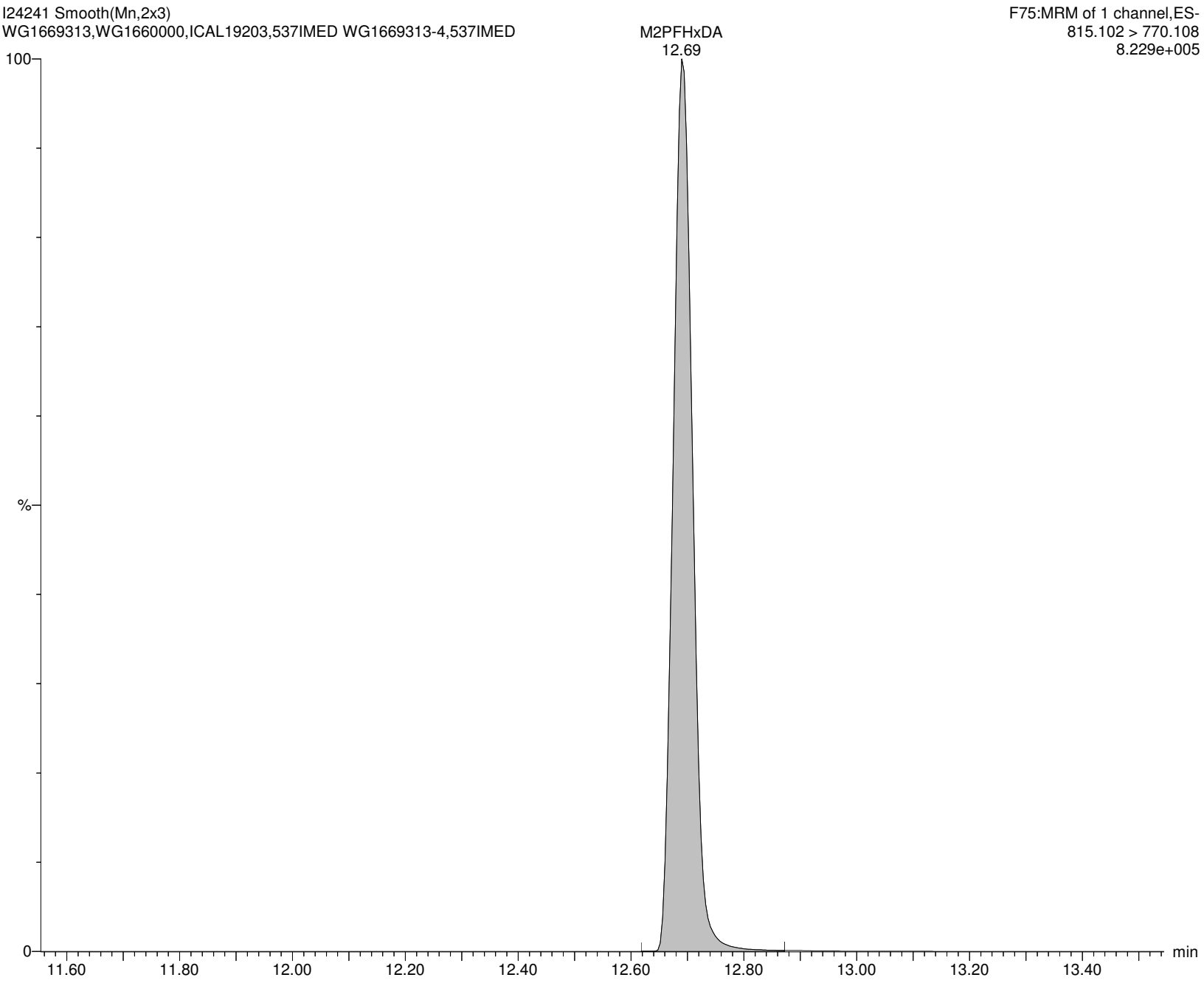


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2PFHxDA

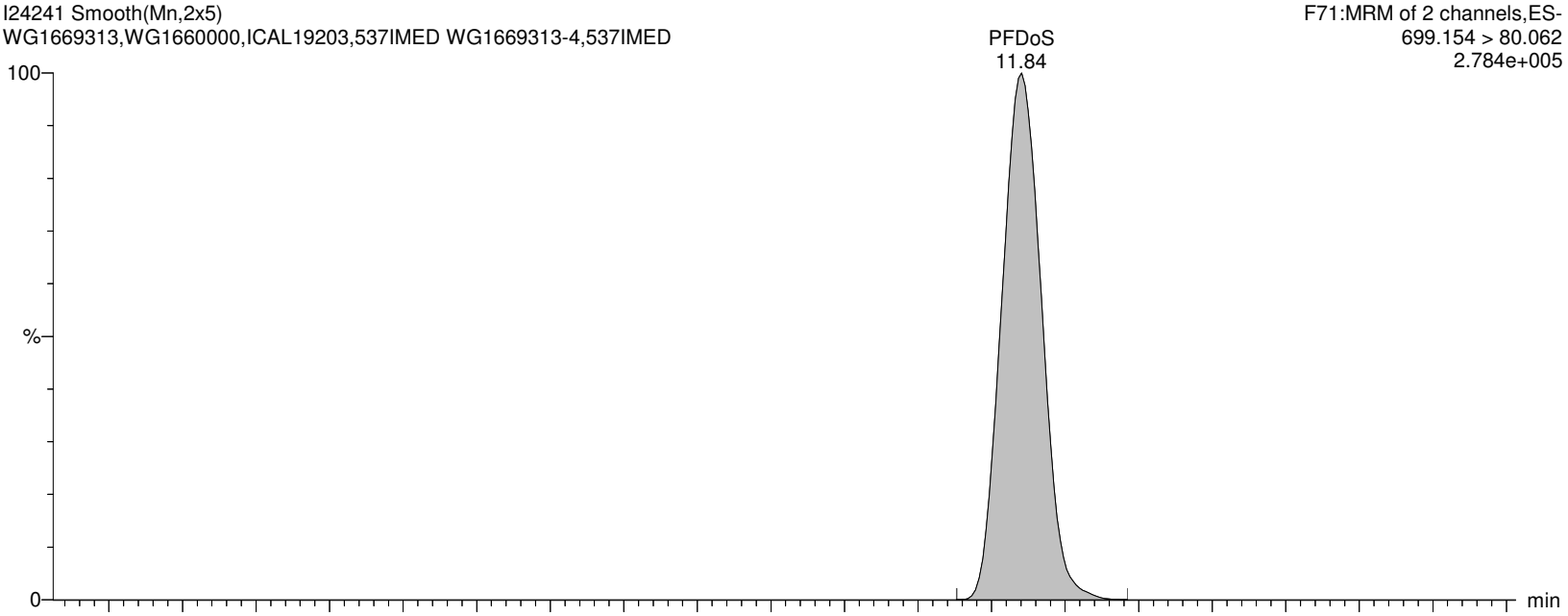


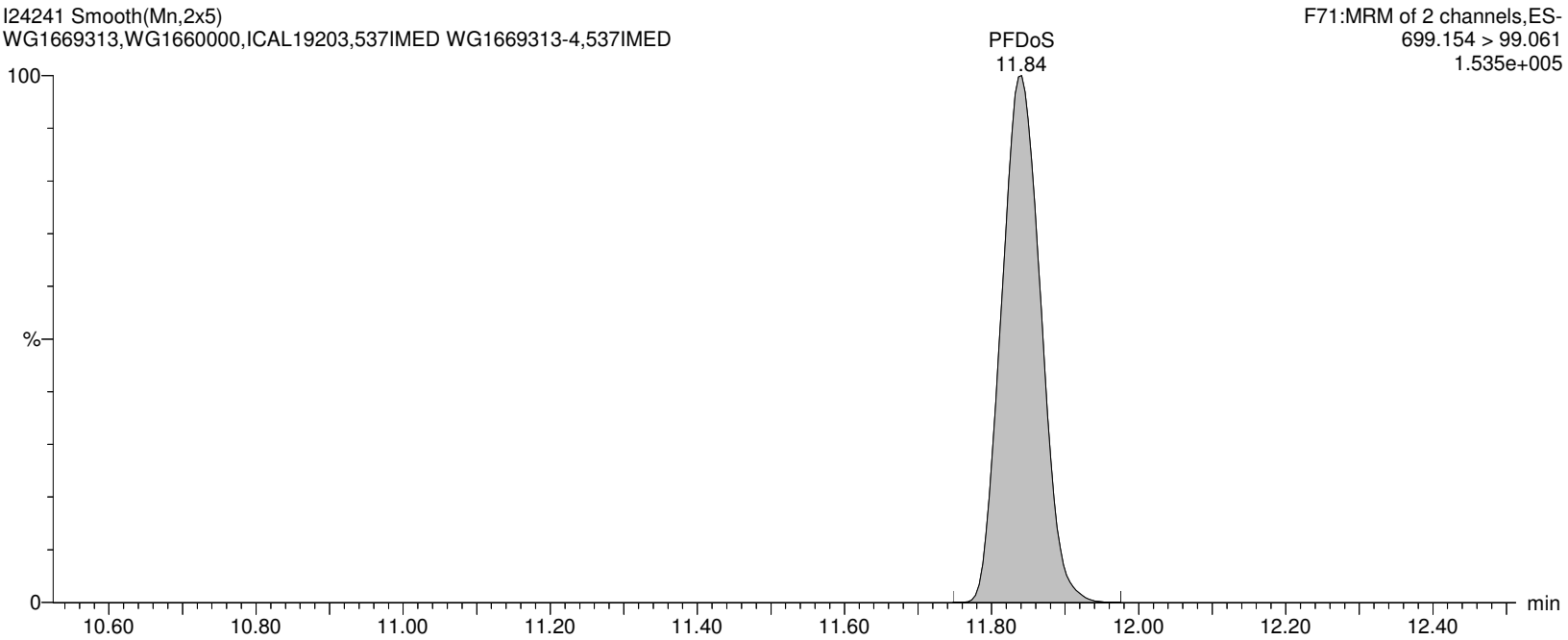
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFDoS



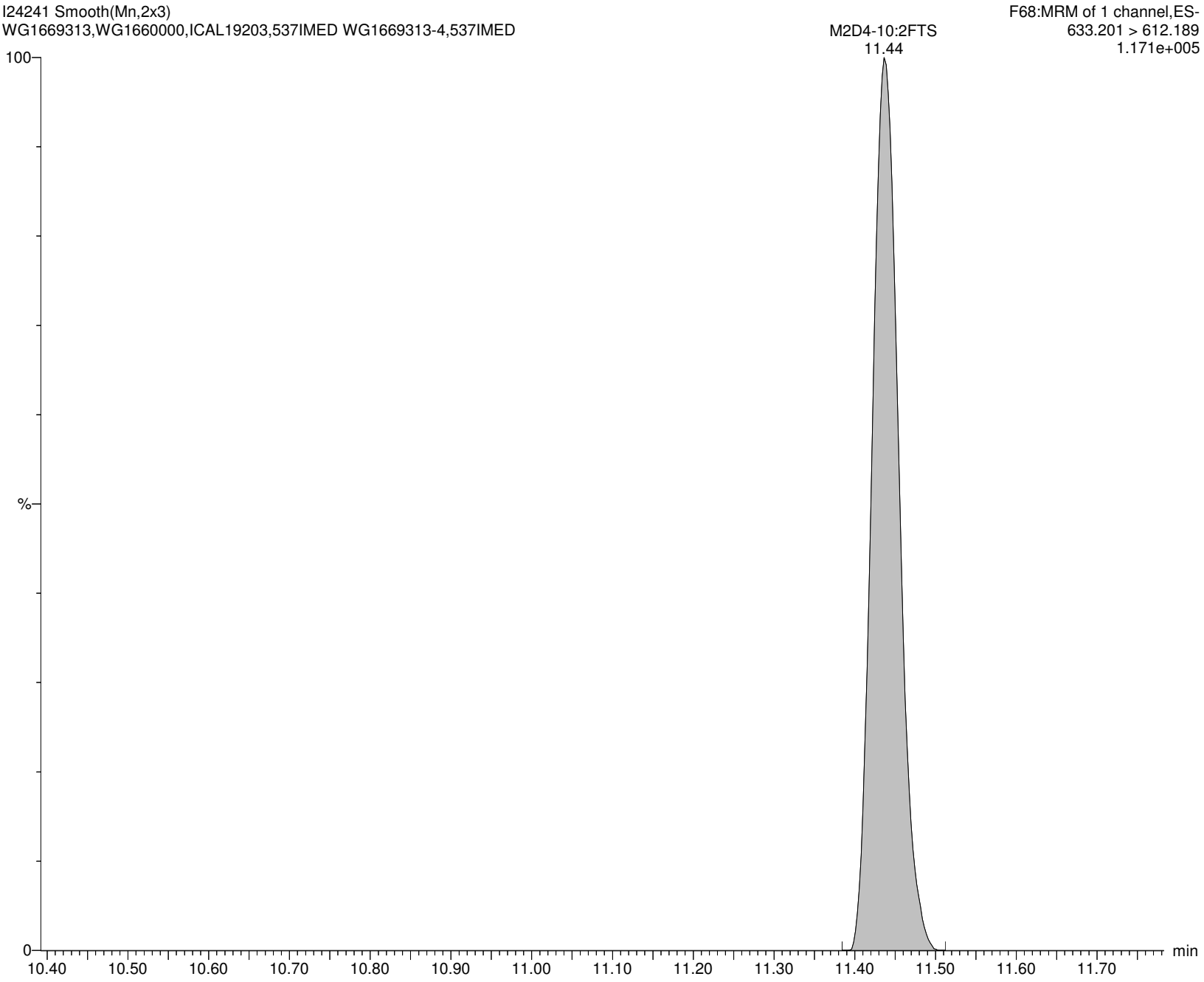


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2D4-10:2FTS

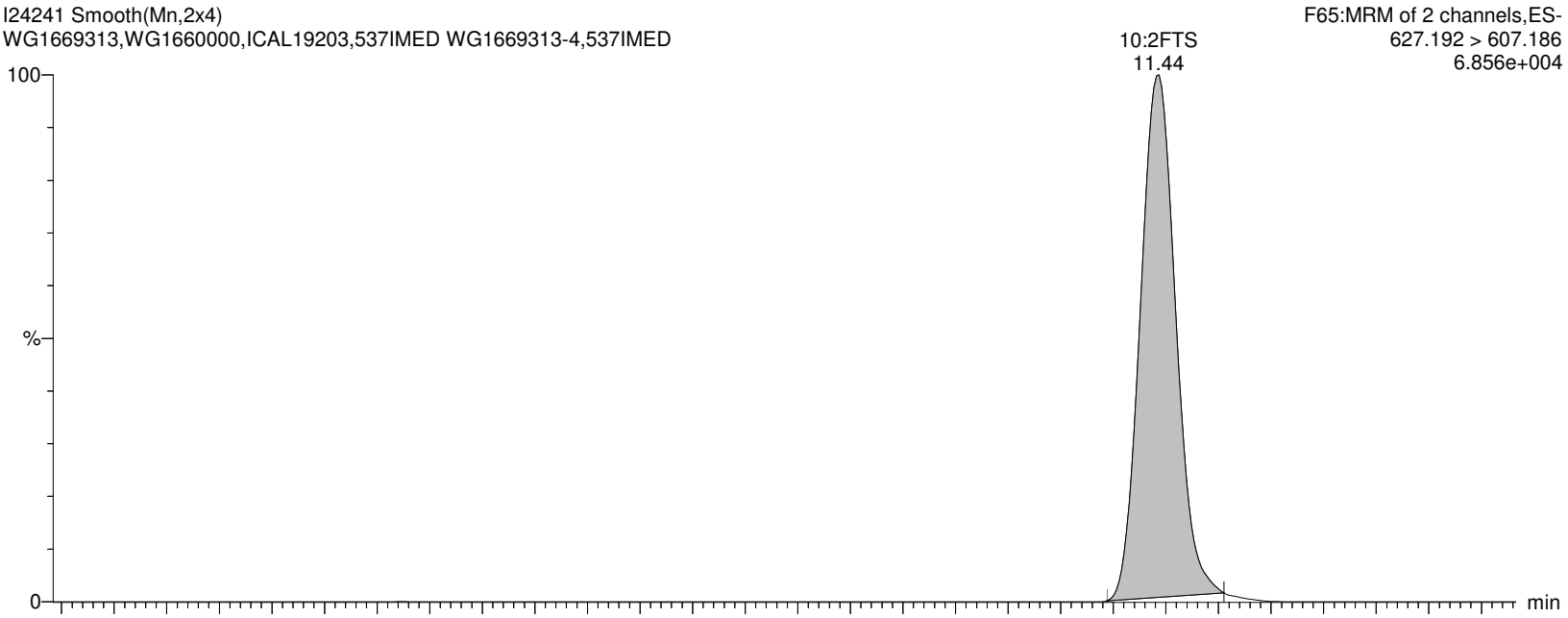


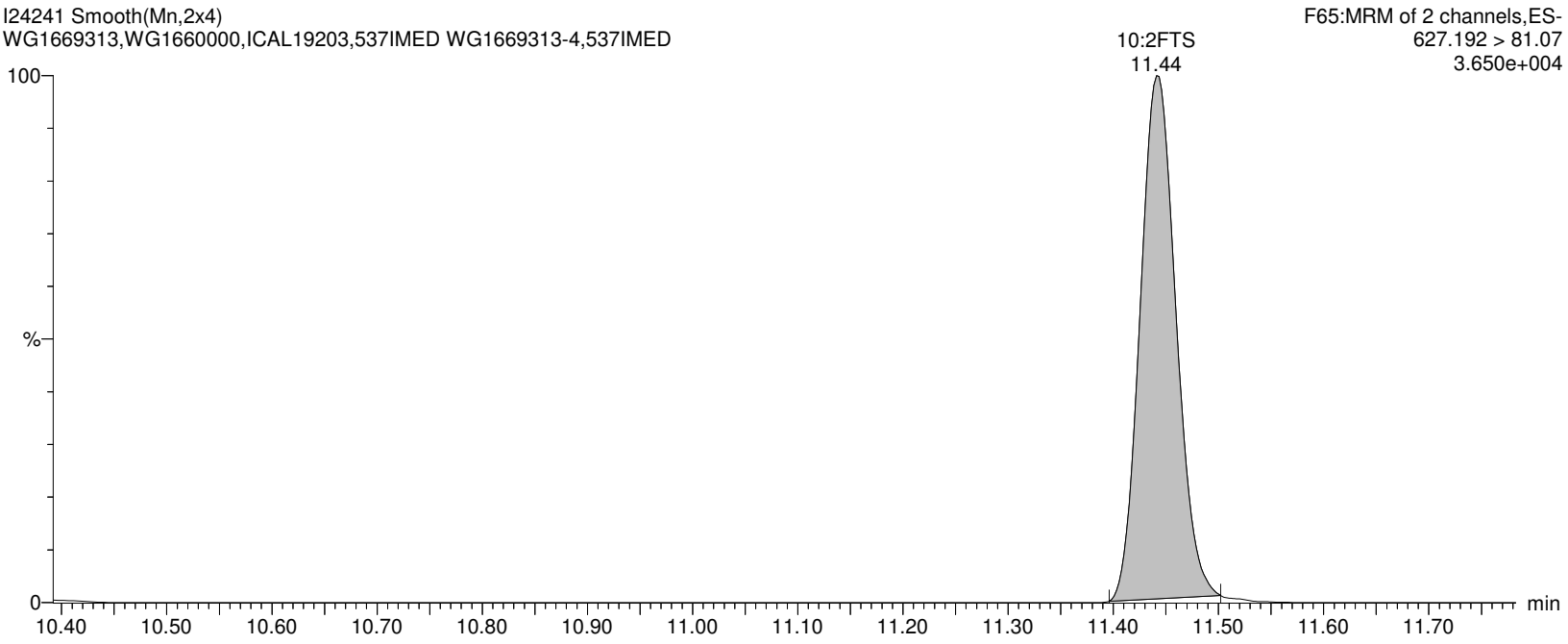
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

10:2FTS



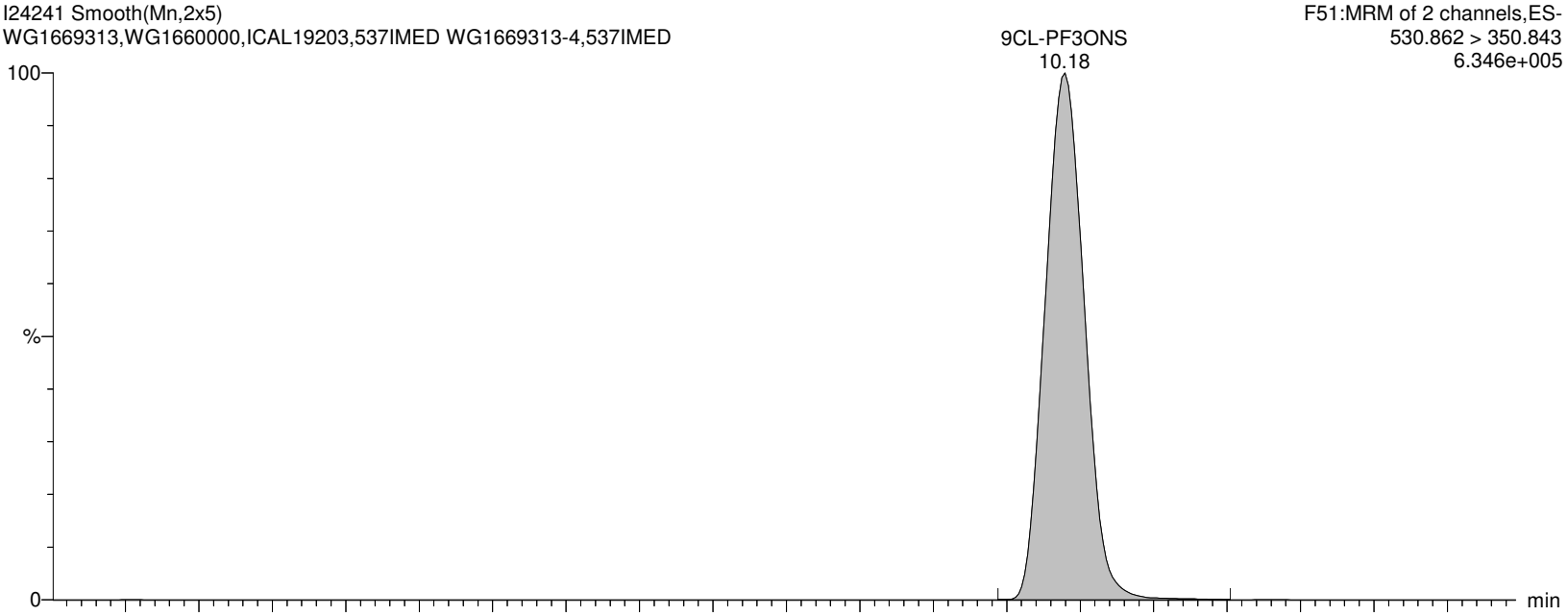


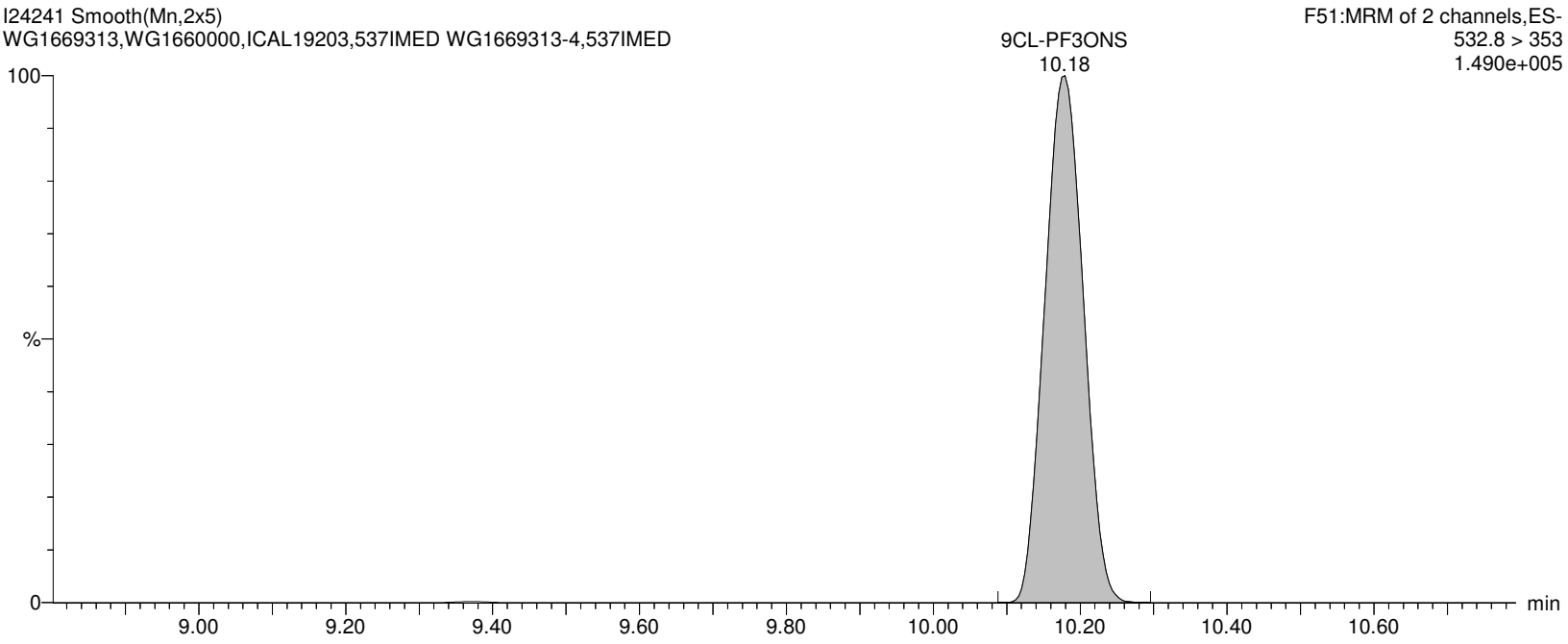
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

9CL-PF3ONS



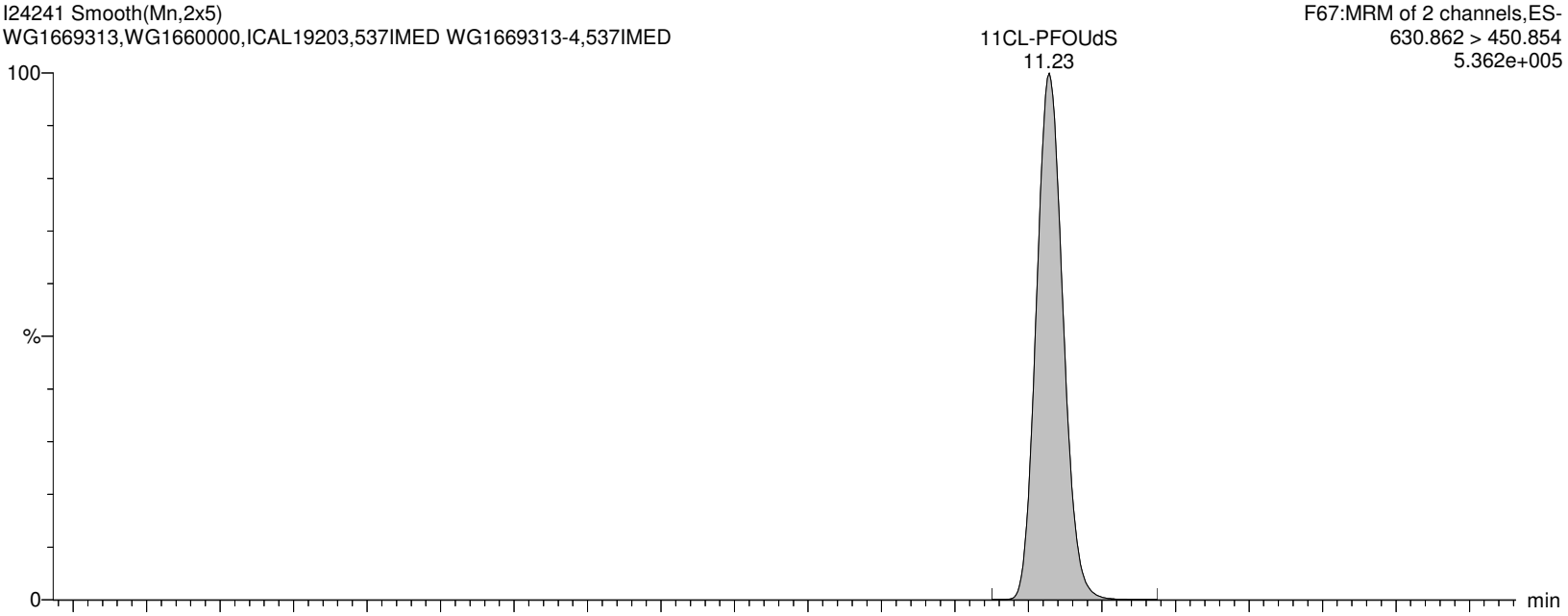


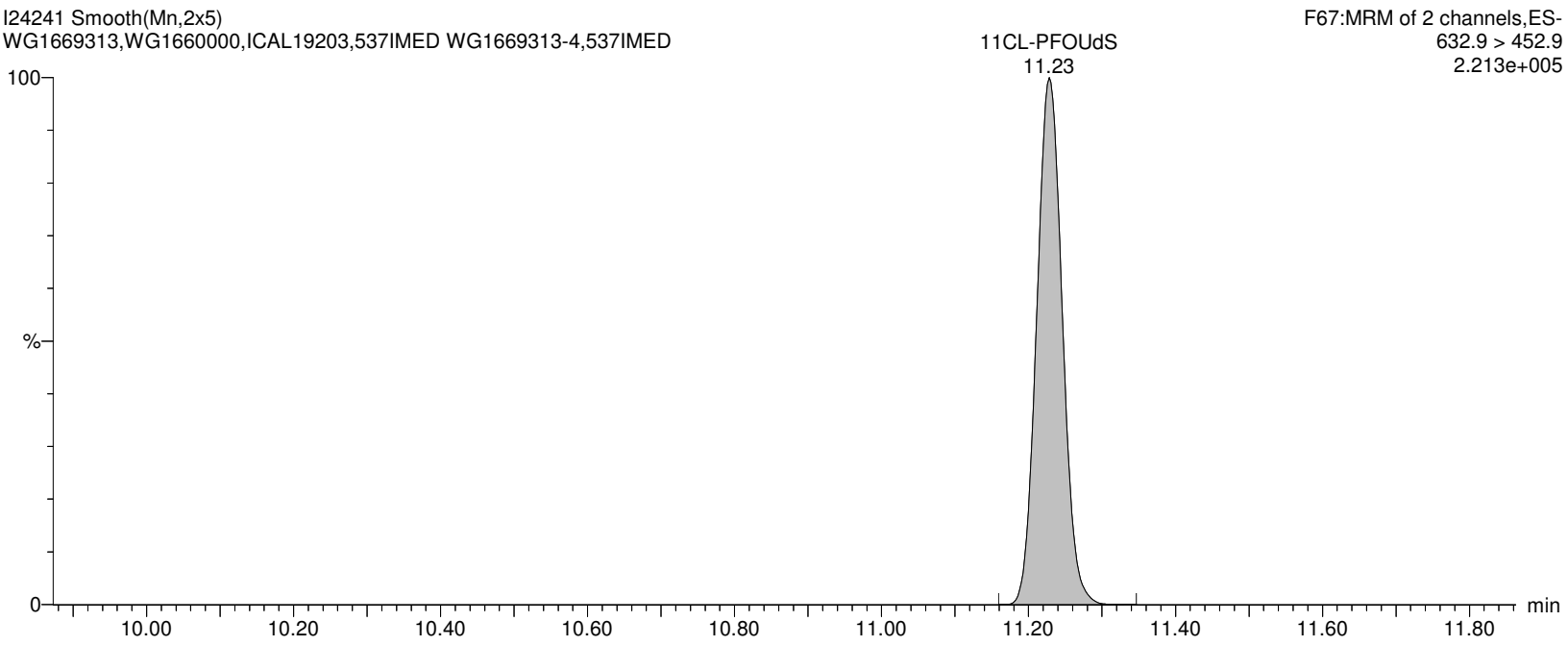
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:46:12 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:46:23 Eastern Daylight Time

Name: I24241
ID: WG1669313-4,537IMED
Date: 31-Jul-2022
Time: 02:47:21
Description: WG1669313,WG1660000,ICAL19203,537IMED
User: LCMS01:SG
Vial: 1:A,3
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

11CL-PFOUdS





all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\Data\WG1669465-1.qld
Last Altered: Sunday, July 31, 2022 13:15:40 Eastern Daylight Time
Printed: Sunday, July 31, 2022 13:36:51 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\MethDB\MeOH_FRAC_220727.mdb 27 Jul 2022 13:43:47
Calibration: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\CurveDB\220727_MEOH_ICAL.cdb 27 Jul 2022 13:45:01

ID: WG1669465-1,537ILOW
Name: M08756
Date: 31-Jul-2022
Time: 11:58:10
Description: WG1669465,WG1660588,ICAL19209,537ILOW
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:SG
Inlet Method Name: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	M5PFNA	INT STD	2.23	468 > 423	19890		10.649		na	106.5
2	M2-PFUDA	INT STD	2.82	565.1 > 520.1	21184		11.912		na	119.1
3	FOSA	754-91-6	2.80	497.989 > 78.245	644	M7	0.472	83.35	YES	94.3
4	M8FOSA	INT STD	2.80	506.053 > 78.286	11763		8.901		na	89.0

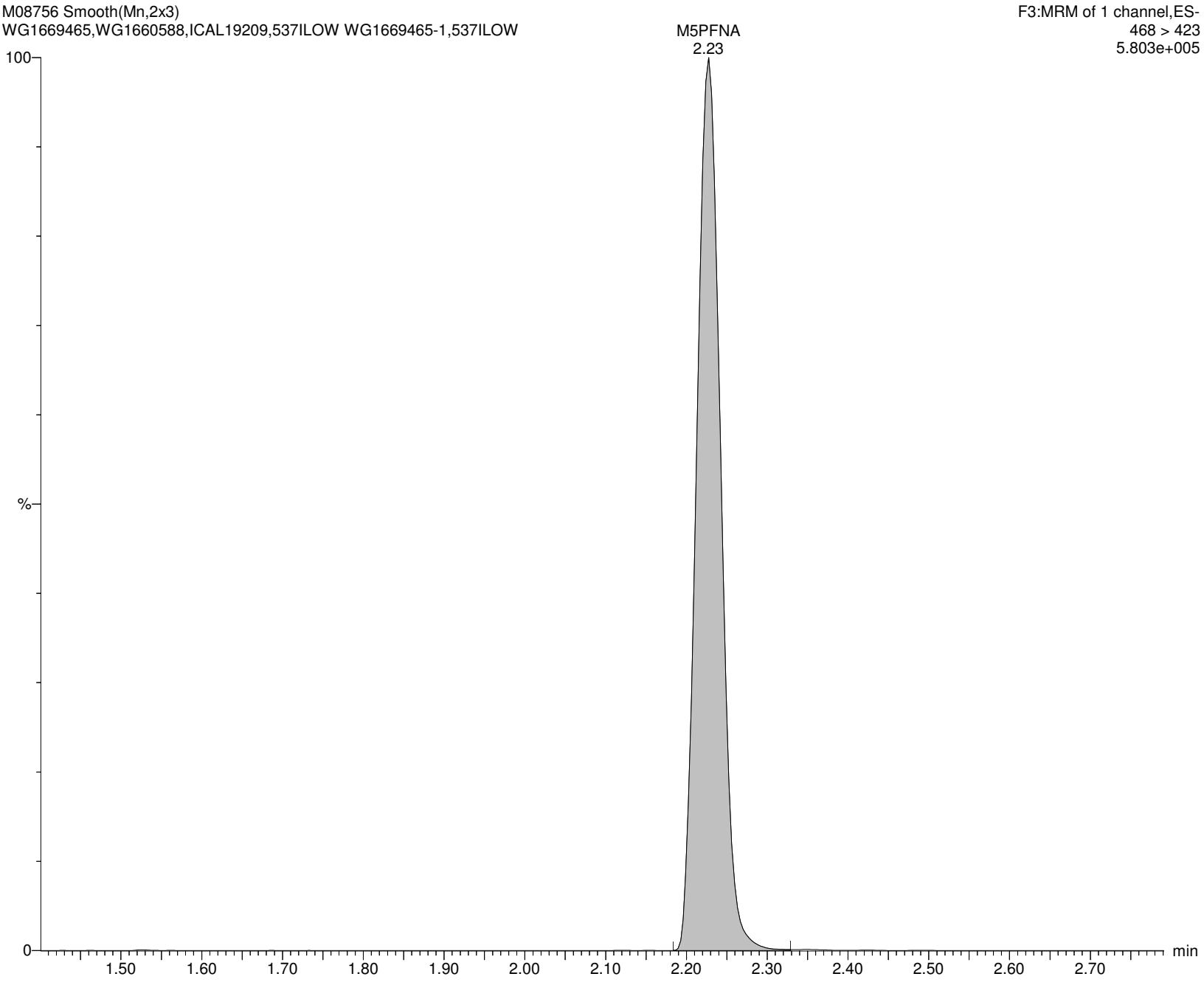
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\Data\WG1669465-1.qld
Last Altered: Sunday, July 31, 2022 13:15:40 Eastern Daylight Time
Printed: Sunday, July 31, 2022 13:36:51 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\MethDB\MeOH_FRAC_220727.mdb 27 Jul 2022 13:43:47
Calibration: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\CurveDB\220727_MEOH_ICAL.cdb 27 Jul 2022 13:45:01

Name: M08756
ID: WG1669465-1,537ILOW
Date: 31-Jul-2022
Time: 11:58:10
Description: WG1669465,WG1660588,ICAL19209,537ILOW
User: LCMS01:SG
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

M5PFNA

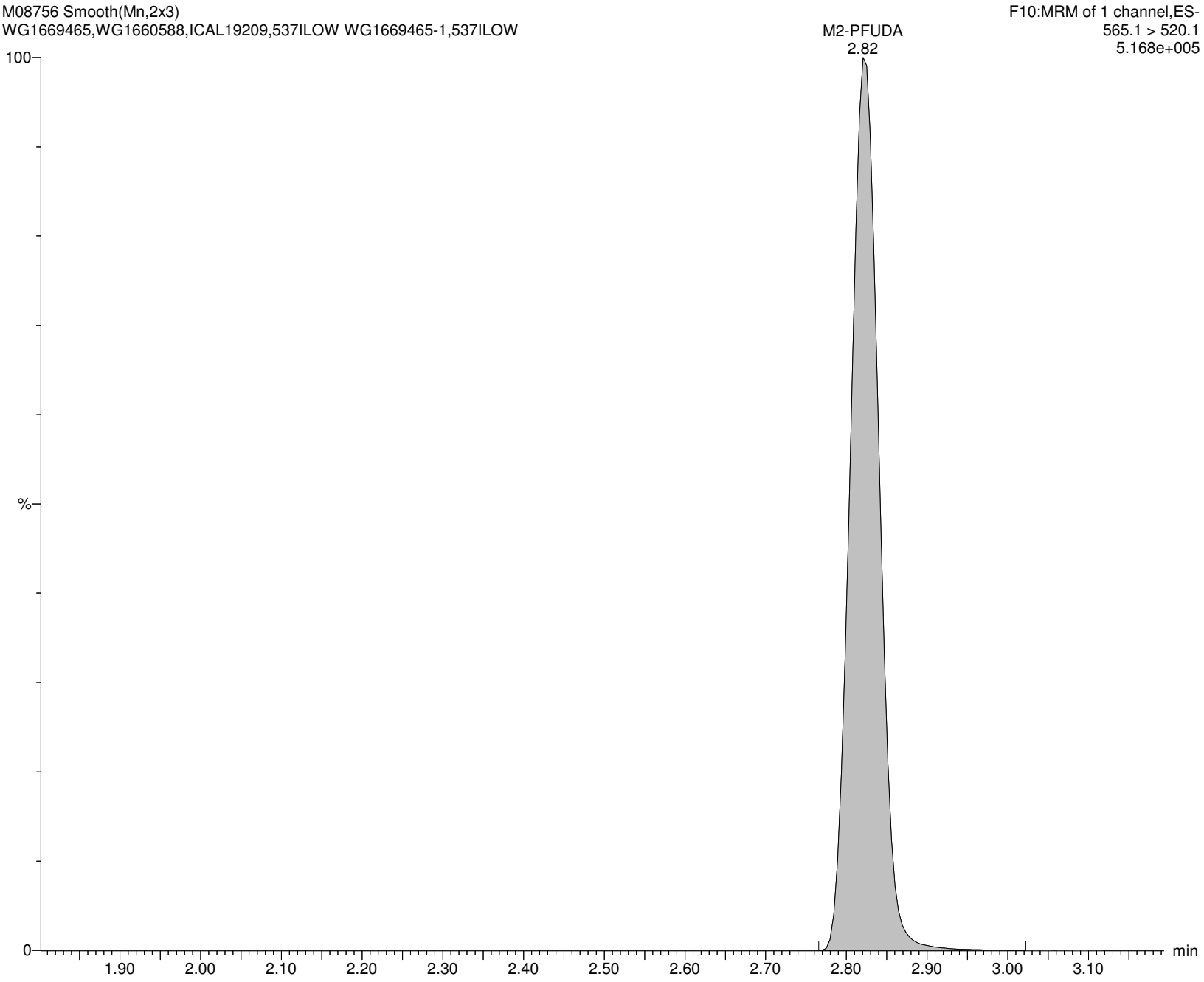


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\Data\WG1669465-1.qld
Last Altered: Sunday, July 31, 2022 13:15:40 Eastern Daylight Time
Printed: Sunday, July 31, 2022 13:36:51 Eastern Daylight Time

Name: M08756
ID: WG1669465-1,537ILOW
Date: 31-Jul-2022
Time: 11:58:10
Description: WG1669465,WG1660588,ICAL19209,537ILOW
User: LCMS01:SG
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

M2-PFUDA

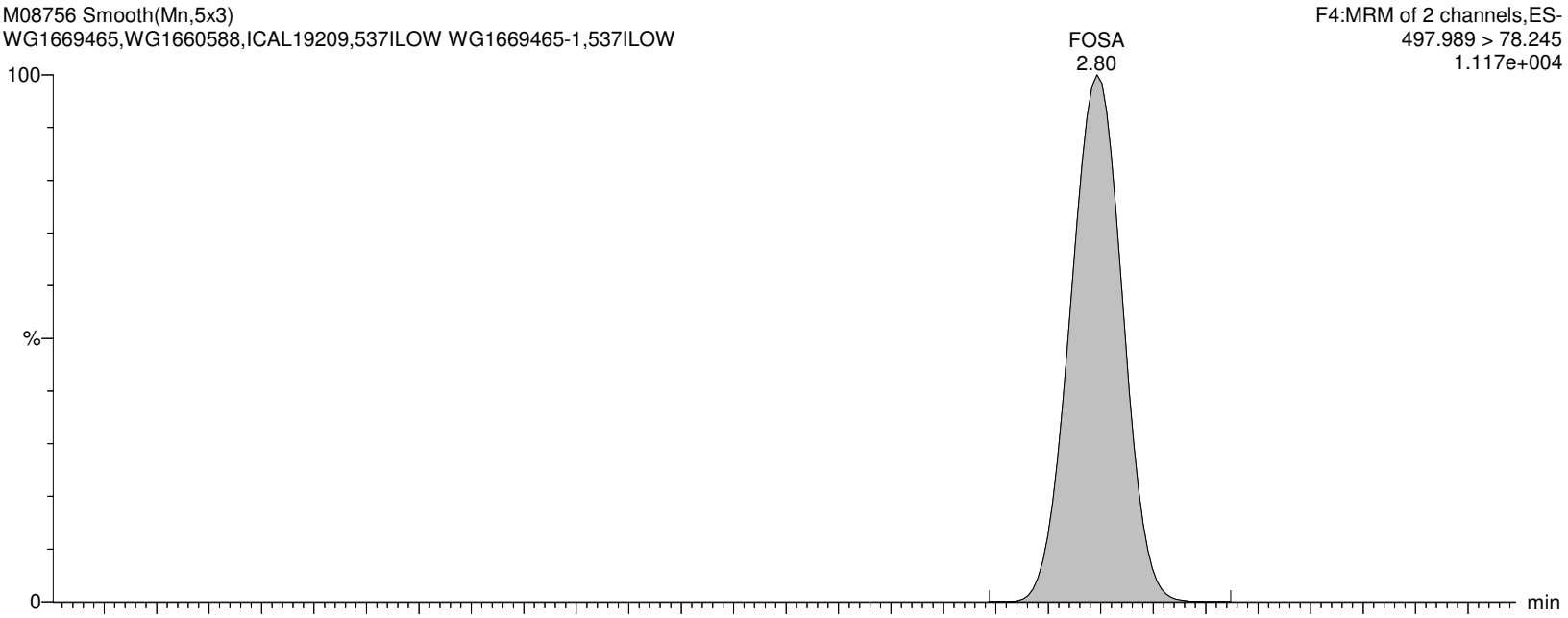


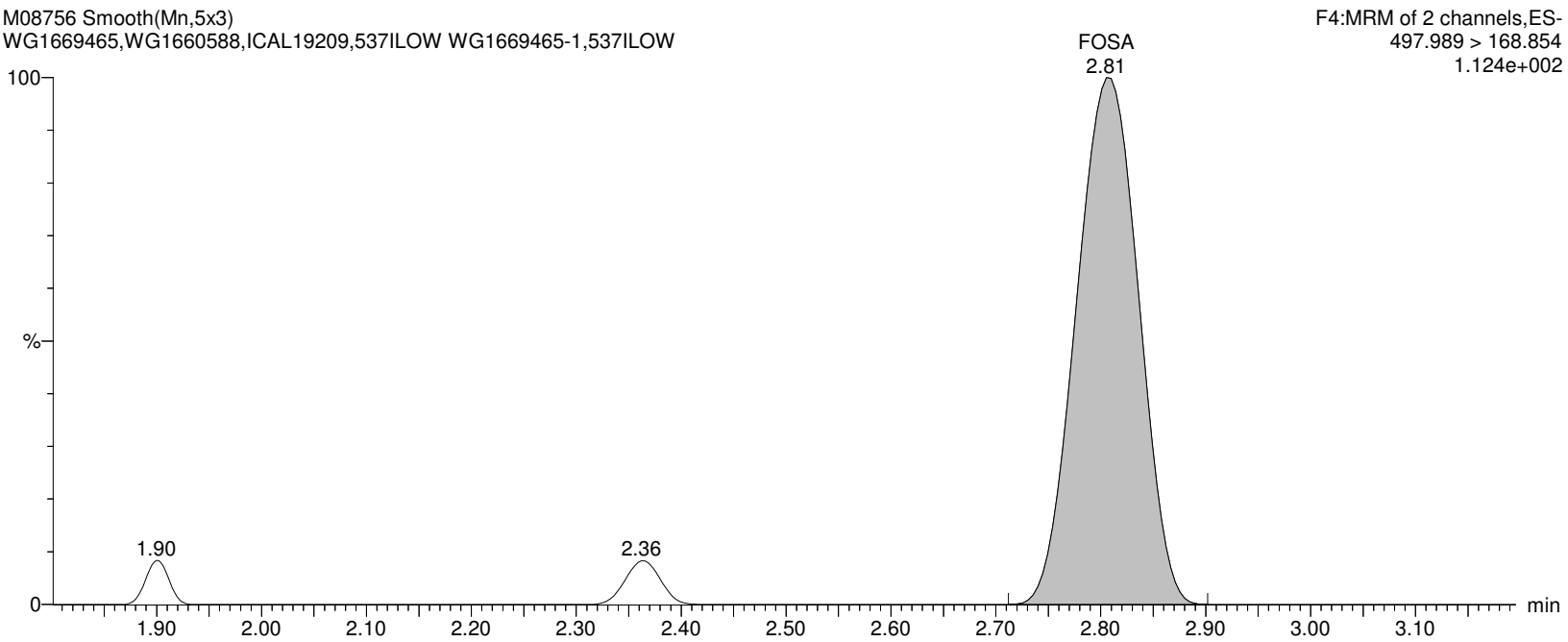
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\Data\WG1669465-1.qld
Last Altered: Sunday, July 31, 2022 13:15:40 Eastern Daylight Time
Printed: Sunday, July 31, 2022 13:36:51 Eastern Daylight Time

Name: M08756
ID: WG1669465-1,537ILOW
Date: 31-Jul-2022
Time: 11:58:10
Description: WG1669465,WG1660588,ICAL19209,537ILOW
User: LCMS01:SG
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

FOSA



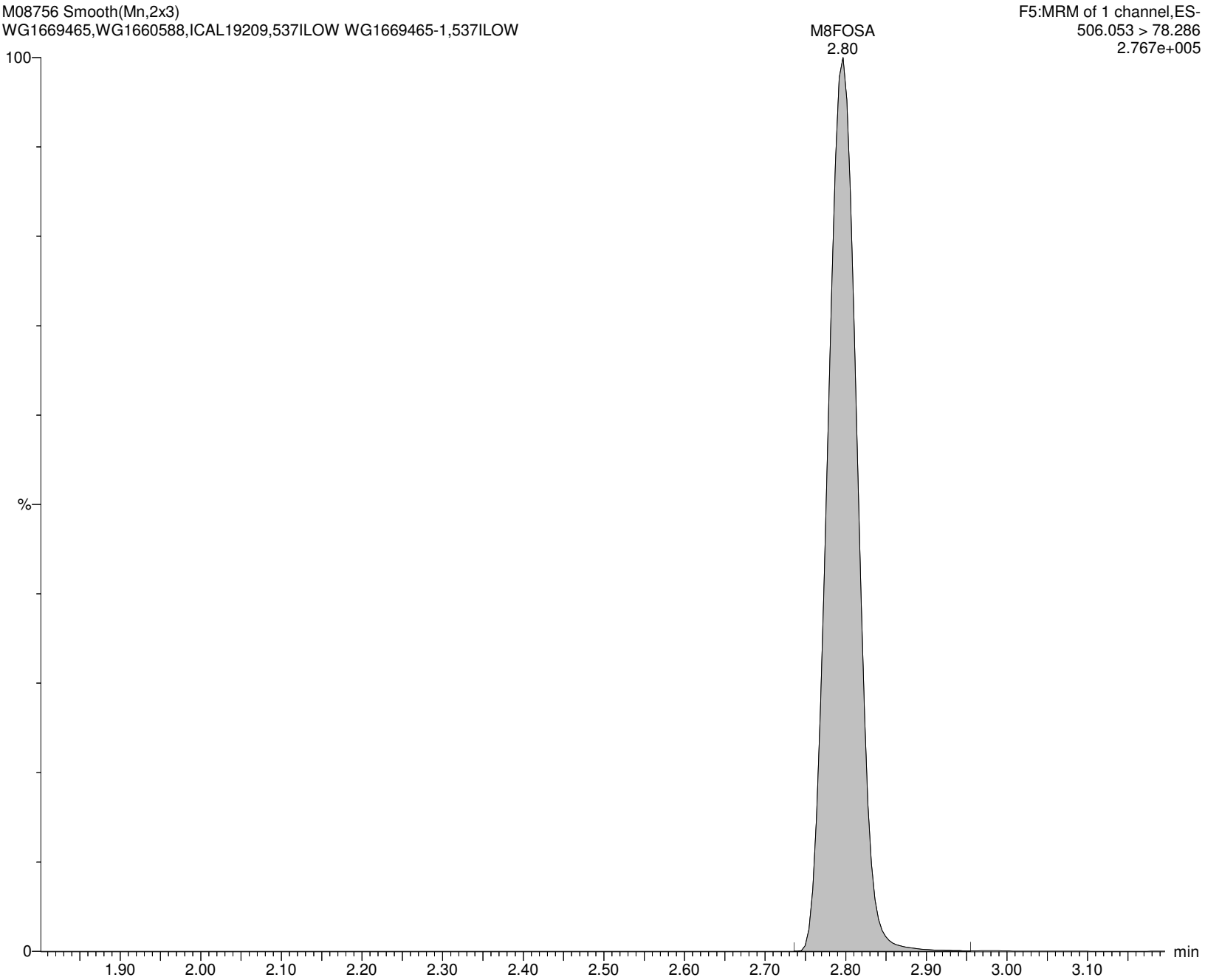


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\Data\WG1669465-1.qld
Last Altered: Sunday, July 31, 2022 13:15:40 Eastern Daylight Time
Printed: Sunday, July 31, 2022 13:36:51 Eastern Daylight Time

Name: M08756
ID: WG1669465-1,537ILOW
Date: 31-Jul-2022
Time: 11:58:10
Description: WG1669465,WG1660588,ICAL19209,537ILOW
User: LCMS01:SG
Vial: 1:A,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

M8FOSA



all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\Data\WG1669465-A.qld
Last Altered: Sunday, July 31, 2022 13:14:13 Eastern Daylight Time
Printed: Sunday, July 31, 2022 13:14:33 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\MethDB\MeOH_FRAC_220727.mdb 27 Jul 2022 13:43:47
Calibration: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\CurveDB\220727_MEOH_ICAL.cdb 27 Jul 2022 13:45:01

ID: WG1669465-2,537IMED
Name: M08764
Date: 31-Jul-2022
Time: 12:56:01
Description: WG1669465,WG1660588,ICAL19209,537IMED
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:SG
Inlet Method Name: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	M5PFNA	INT STD	2.23	468 > 423	19353		10.362		na	103.6
2	M2-PFUDA	INT STD	2.83	565.1 > 520.1	18553		10.433		na	104.3
3	FOSA	754-91-6	2.81	497.989 > 78.245	13833		10.701	192.08	NO	107.0
4	M8FOSA	INT STD	2.81	506.053 > 78.286	11142		8.665		na	86.7

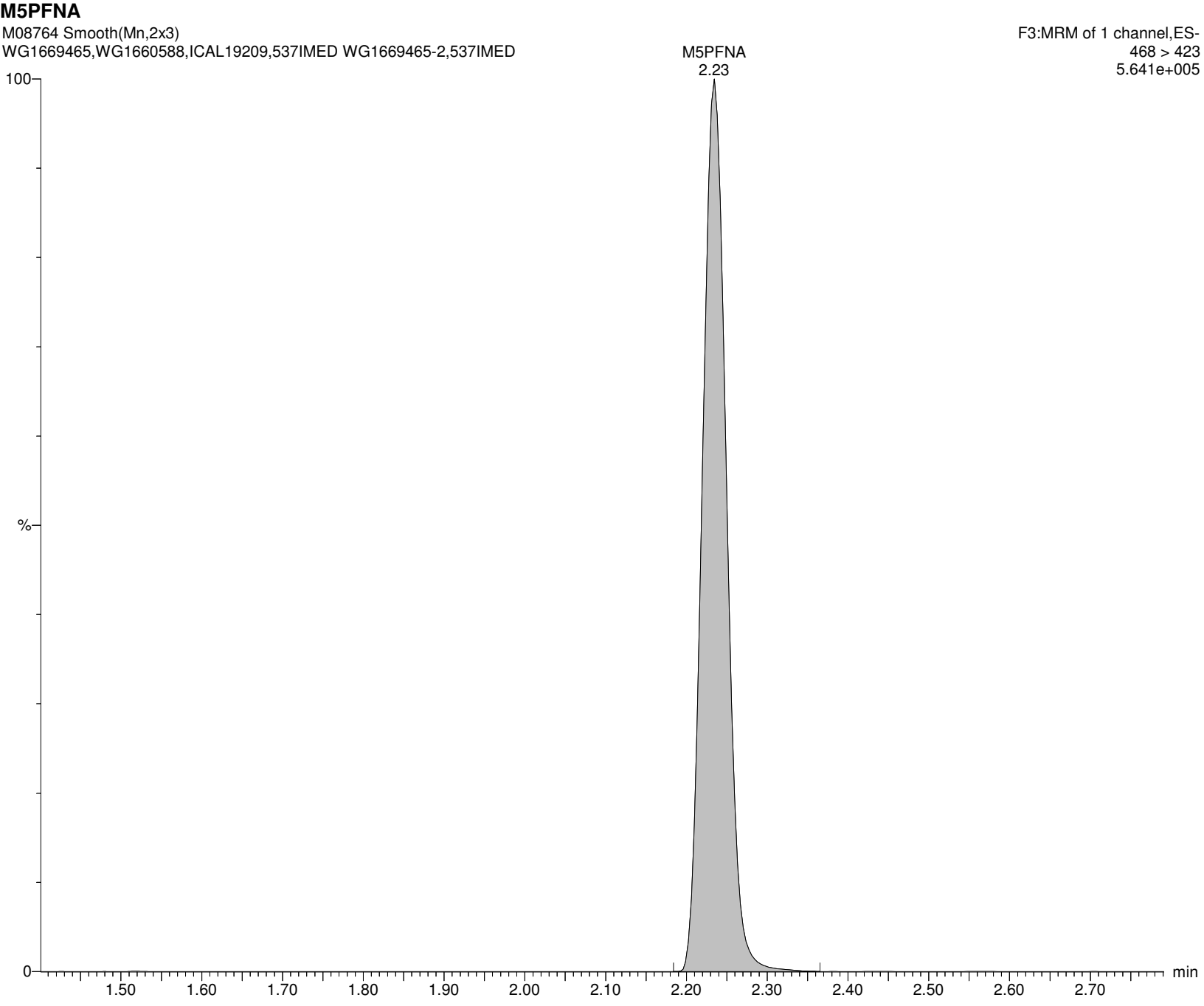
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\Data\WG1669465-A.qld
Last Altered: Sunday, July 31, 2022 13:14:13 Eastern Daylight Time
Printed: Sunday, July 31, 2022 13:14:33 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\MethDB\MeOH_FRAC_220727.mdb 27 Jul 2022 13:43:47
Calibration: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\CurveDB\220727_MEOH_ICAL.cdb 27 Jul 2022 13:45:01

Name: M08764
ID: WG1669465-2,537IMED
Date: 31-Jul-2022
Time: 12:56:01
Description: WG1669465,WG1660588,ICAL19209,537IMED
User: LCMS01:SG
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

M5PFNA

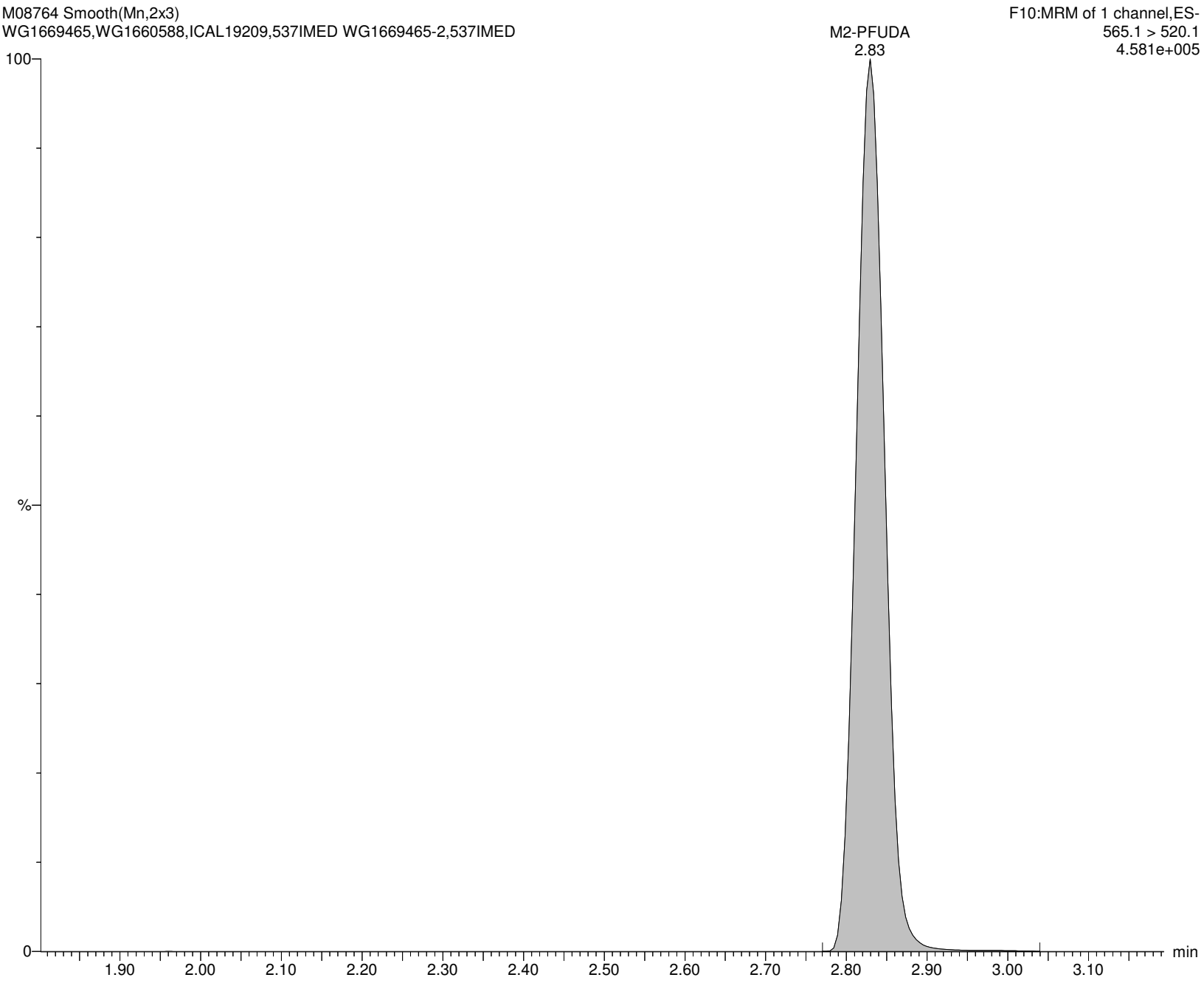


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\Data\WG1669465-A.qld
Last Altered: Sunday, July 31, 2022 13:14:13 Eastern Daylight Time
Printed: Sunday, July 31, 2022 13:14:33 Eastern Daylight Time

Name: M08764
ID: WG1669465-2,537IMED
Date: 31-Jul-2022
Time: 12:56:01
Description: WG1669465,WG1660588,ICAL19209,537IMED
User: LCMS01:SG
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

M2-PFUDA

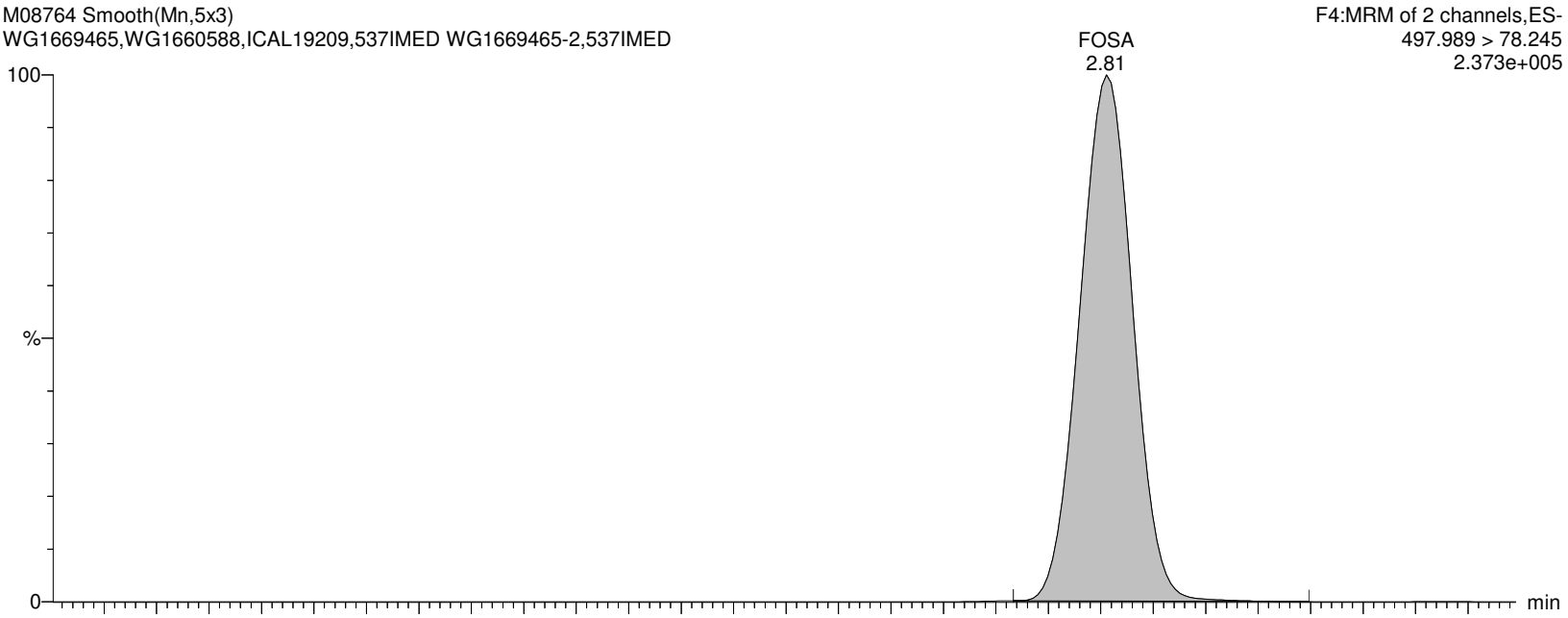


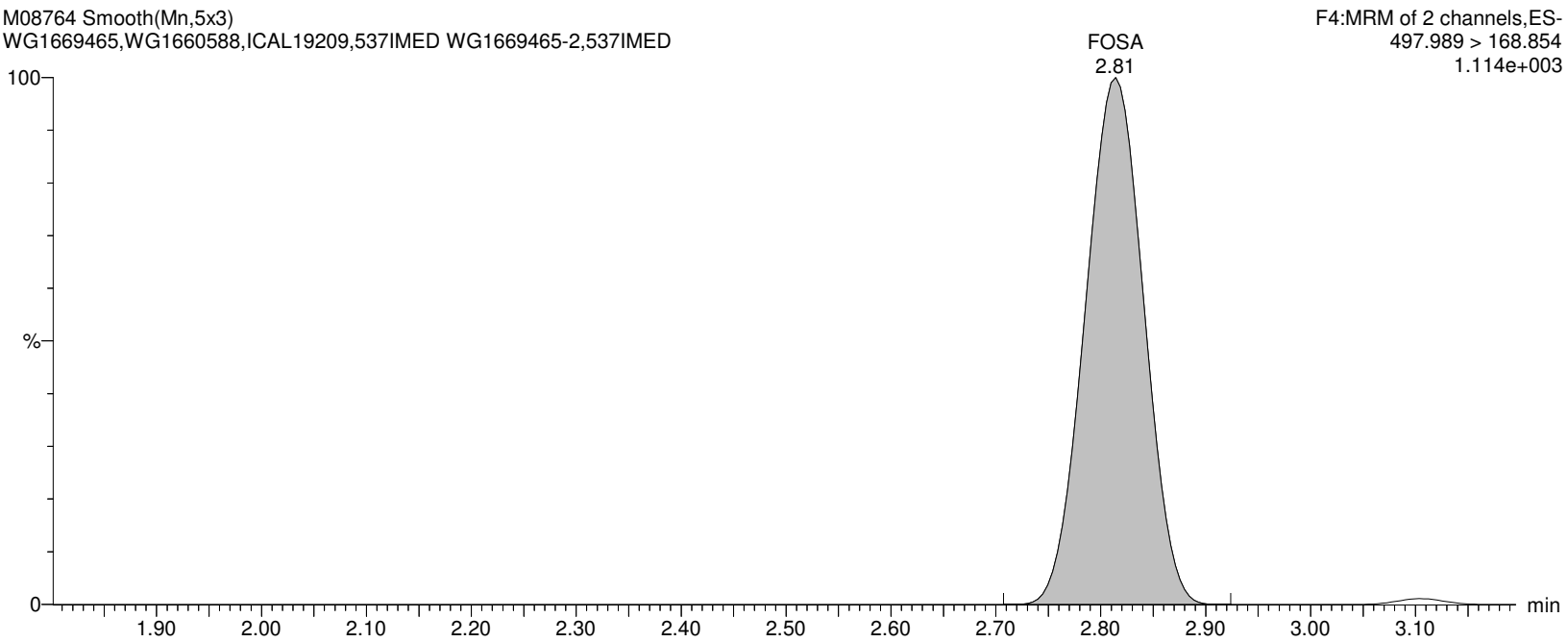
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\Data\WG1669465-A.qld
Last Altered: Sunday, July 31, 2022 13:14:13 Eastern Daylight Time
Printed: Sunday, July 31, 2022 13:14:33 Eastern Daylight Time

Name: M08764
ID: WG1669465-2,537IMED
Date: 31-Jul-2022
Time: 12:56:01
Description: WG1669465,WG1660588,ICAL19209,537IMED
User: LCMS01:SG
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

FOSA



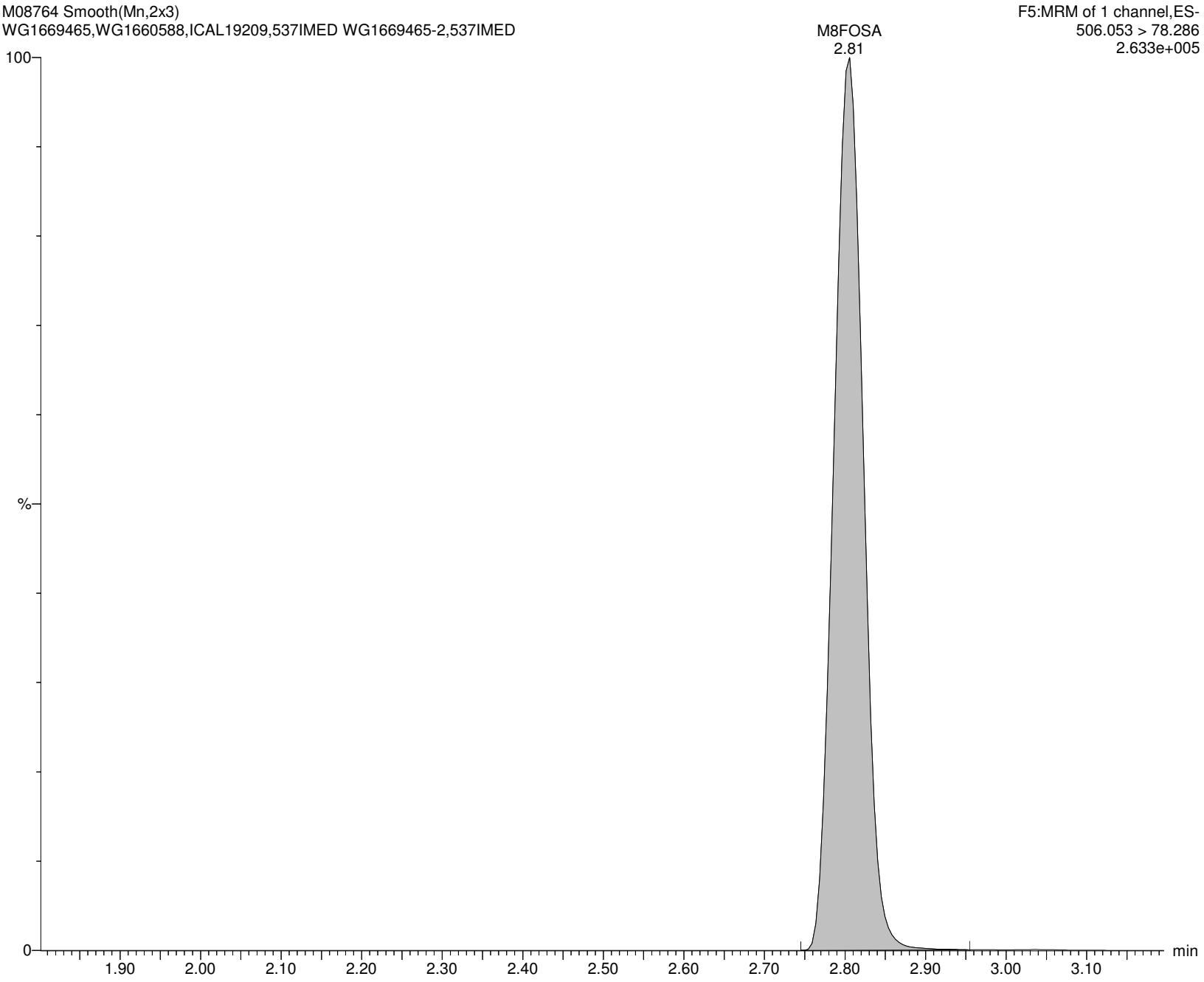


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\Data\WG1669465-A.qld
Last Altered: Sunday, July 31, 2022 13:14:13 Eastern Daylight Time
Printed: Sunday, July 31, 2022 13:14:33 Eastern Daylight Time

Name: M08764
ID: WG1669465-2,537IMED
Date: 31-Jul-2022
Time: 12:56:01
Description: WG1669465,WG1660588,ICAL19209,537IMED
User: LCMS01:SG
Vial: 1:A,8
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

M8FOSA



all concentration units in (ng/mL)

Semivolatiles Raw QC Data

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:20 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220730_537ISO.PRO\MethDB\537ISO_Q_220725_RT.mdb 29 Jul 2022 09:44:29
Calibration: C:\MassLynx\Data\2022\220730_537ISO.PRO\CurveDB\220725_ICAL.cdb 26 Jul 2022 09:37:13

ID: WG1665978-1
Name: I24231
Date: 31-Jul-2022
Time: 00:01:36
Description: WG1669313,WG1665978,ICAL19203
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:SG
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4		213.032 > 169.022			ND		na	
2	M3PFBA	INT STD	2.14	216.009 > 171.999	40152		10.746		na	107.5
3	MPFBA	INT STD	2.14	217.001 > 171.999	48575		10.654		na	106.5
4	PFPeA	2706-90-3		263.039 > 219.03			ND		na	
5	M5PFPEA	INT STD	4.95	268.001 > 222.999	58110		12.943		na	129.4
6	PFBS	375-73-5		299.092 > 80.062			ND		YES	
7	M3PFBS	INT STD	5.60	302.069 > 80.062	17114		9.682		na	103.9
8	4:2FTS	757124-72-4		327.146 > 307.139			ND		YES	
9	M2-4:2FTS	INT STD	6.74	329.13 > 309.124	3311		9.360		na	99.8
10	PFHxA	307-24-4		313.047 > 269.037			ND		YES	
11	M5PFHxA	INT STD	6.82	318.009 > 273.007	60229		9.243		na	92.4
12	PFPeS	2706-91-4		349.1 > 80.062			ND		YES	
13	PFHpA	375-85-9		363.055 > 319.045			ND		YES	
14	M4PFHpA	INT STD	8.08	367.025 > 322.022	53267		9.755		na	97.6
15	br-PFHxS	355-46-4		399.107 > 80.062			ND		YES	
16	L-PFHxS	355-46-4		399.107 > 80.062			ND		YES	
17	PFHxS	355-46-4		399.107 > 80.062	0		ND		na	
18	M3PFHxS	INT STD	8.24	402.084 > 80.062	18276		9.928		na	104.7
19	br-PFOA	335-67-1		413.063 > 369.053			ND		YES	
20	L-PFOA	335-67-1		413.063 > 369.053			ND		YES	
21	PFOA	335-67-1		413.063 > 369.053	0		ND		na	
22	M8PFOA	INT STD	9.02	421.002 > 376.	52572		10.360		na	103.6
23	M2PFOA	INT STD	9.02	415.048 > 370.045	52357		12.550		na	125.5
24	6:2FTS	27619-97-2	8.97	427.161 > 407.155	47	M2,M7	0.115	2.45	NO	
25	M2-6:2FTS	INT STD	8.98	429.146 > 409.14	4652		11.021		na	115.9
26	PFHpS	375-92-8		449.115 > 80.062			ND		YES	
27	PFNA	375-95-1		463.071 > 419.061			ND		YES	
28	M9PFNA	INT STD	9.77	472.002 > 427.	49603		10.463		na	104.6
29	br-PFOS	1763-23-1		499.123 > 80.062			ND		YES	
30	L-PFOS	1763-23-1		499.123 > 80.062			ND		YES	
31	PFOS	1763-23-1		499.123 > 80.062	0		ND		na	
32	M4PFOS	INT STD	9.82	503.093 > 80.062	17325		10.885		na	108.9
33	M8PFOS	INT STD	9.83	507.062 > 80.062	19609		11.040		na	115.1
34	PFDA	335-76-2		513.078 > 469.069			ND		YES	
35	M2PFDA	INT STD	10.40	515.063 > 470.061	38744		12.635		na	126.3
36	M6PFDA	INT STD	10.40	519.033 > 474.03	37793		11.301		na	113.0
37	8:2FTS	39108-34-4		527.177 > 507.171			ND		YES	
38	M2-8:2FTS	INT STD	10.40	529.162 > 509.155	3111		10.173		na	106.0
39	PFNS	68259-12-1		549.131 > 80.062			ND		YES	

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:20 Eastern Daylight Time

ID: WG1665978-1
Name: I24231
Date: 31-Jul-2022
Time: 00:01:36
Description: WG1669313,WG1665978,ICAL19203
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:SG
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.80	573.22 > 419.061	5870		7.509		na	75.1
41	br-NMeFOSAA	2355-31-9		570.202 > 419.061			ND		YES	
42	L-NMeFOSAA	2355-31-9		570.202 > 419.061			ND		YES	
43	NMeFOSAA	2355-31-9		570.202 > 419.061	0		ND		na	
44	PFUnA	2058-94-8		563.086 > 519.076			ND		YES	
45	M7-PFUDA	INT STD	10.95	570.033 > 525.031	38737		11.474		na	114.7
46	PFDS	335-77-3		598.926 > 80.062			ND		YES	
47	FOSA	754-91-6		498.146 > 78.07			ND		YES	
48	M8FOSA	INT STD	10.89	506.077 > 78.07	24008		4.488		na	44.9
49	d5-NEtFOSAA	INT STD	11.09	589.259 > 419.061	8648		10.784		na	107.8
50	br-NEtFOSAA	2991-50-6		584.229 > 419.061			ND		YES	
51	L-NEtFOSAA	2991-50-6		584.229 > 419.061			ND		YES	
52	NEtFOSAA	2991-50-6		584.229 > 419.061	0		ND		na	
53	PFDoA	307-55-1		613.094 > 569.084			ND		YES	
54	MPFDOA	INT STD	11.43	615.079 > 570.077	43587		10.933		na	109.3
55	PFTrDA	72629-94-8		663.102 > 619.092			ND		YES	
56	PFTA	376-06-7		713.11 > 669.1			ND		YES	
57	M2PFTEDA	INT STD	12.21	715.094 > 670.092	25392		11.574		na	115.7

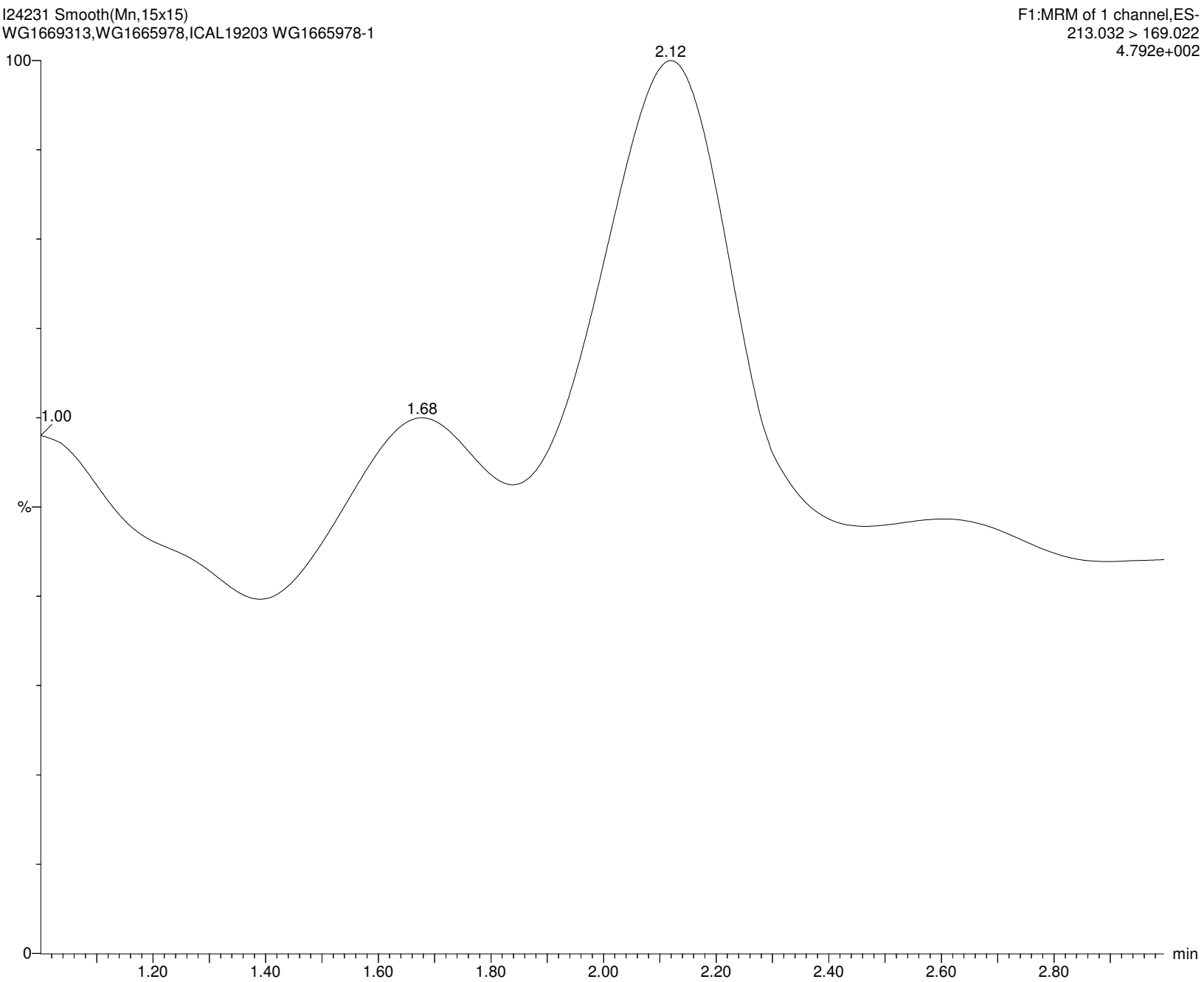
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:20 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220730_537ISO.PRO\MethDB\537ISO_Q_220725_RT.mdb 29 Jul 2022 09:44:29
Calibration: C:\MassLynx\Data\2022\220730_537ISO.PRO\CurveDB\220725_ICAL.cdb 26 Jul 2022 09:37:13

Name: I24231
ID: WG1665978-1
Date: 31-Jul-2022
Time: 00:01:36
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFBA

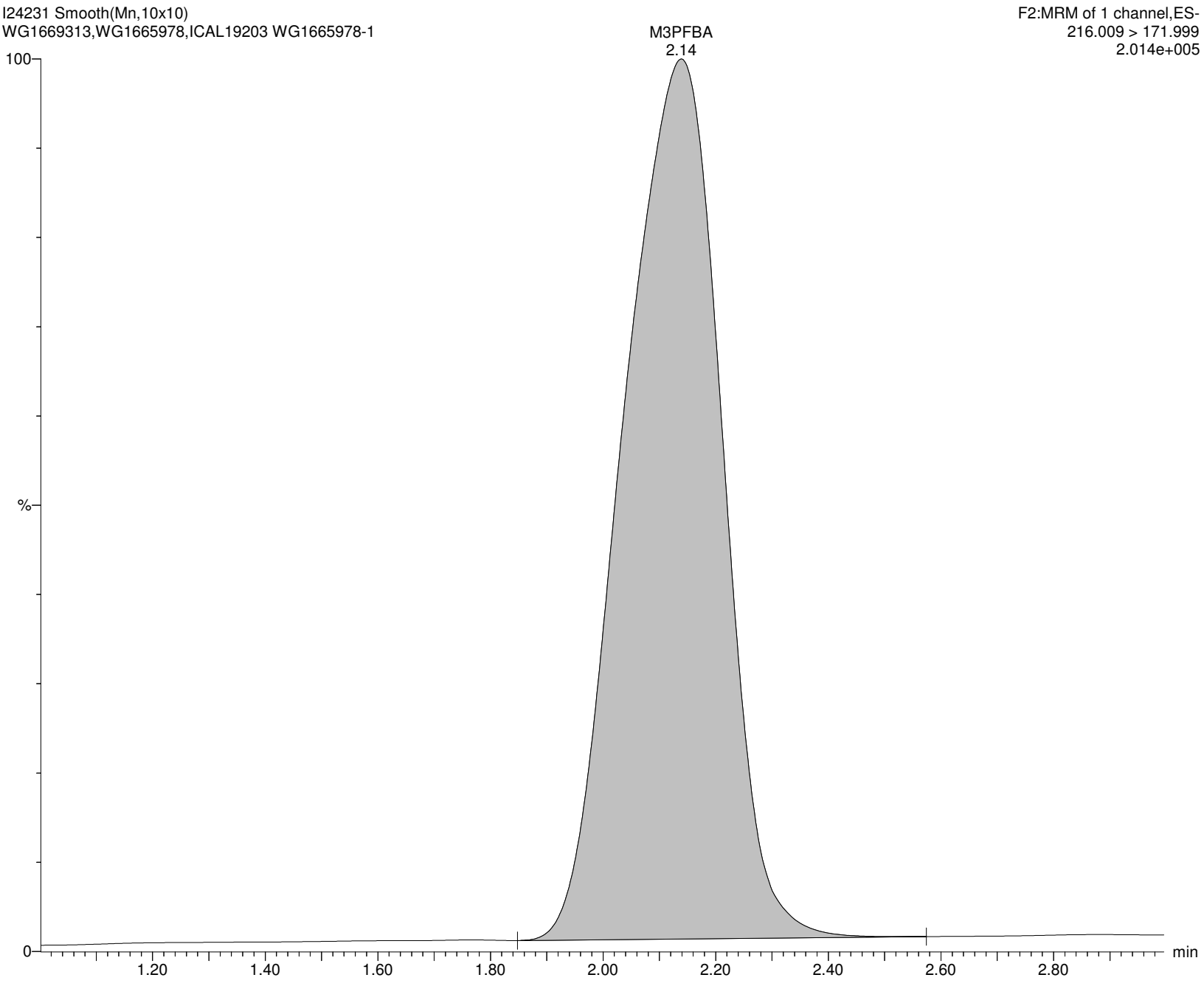


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:20 Eastern Daylight Time

Name: I24231
ID: WG1665978-1
Date: 31-Jul-2022
Time: 00:01:36
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M3PFBA

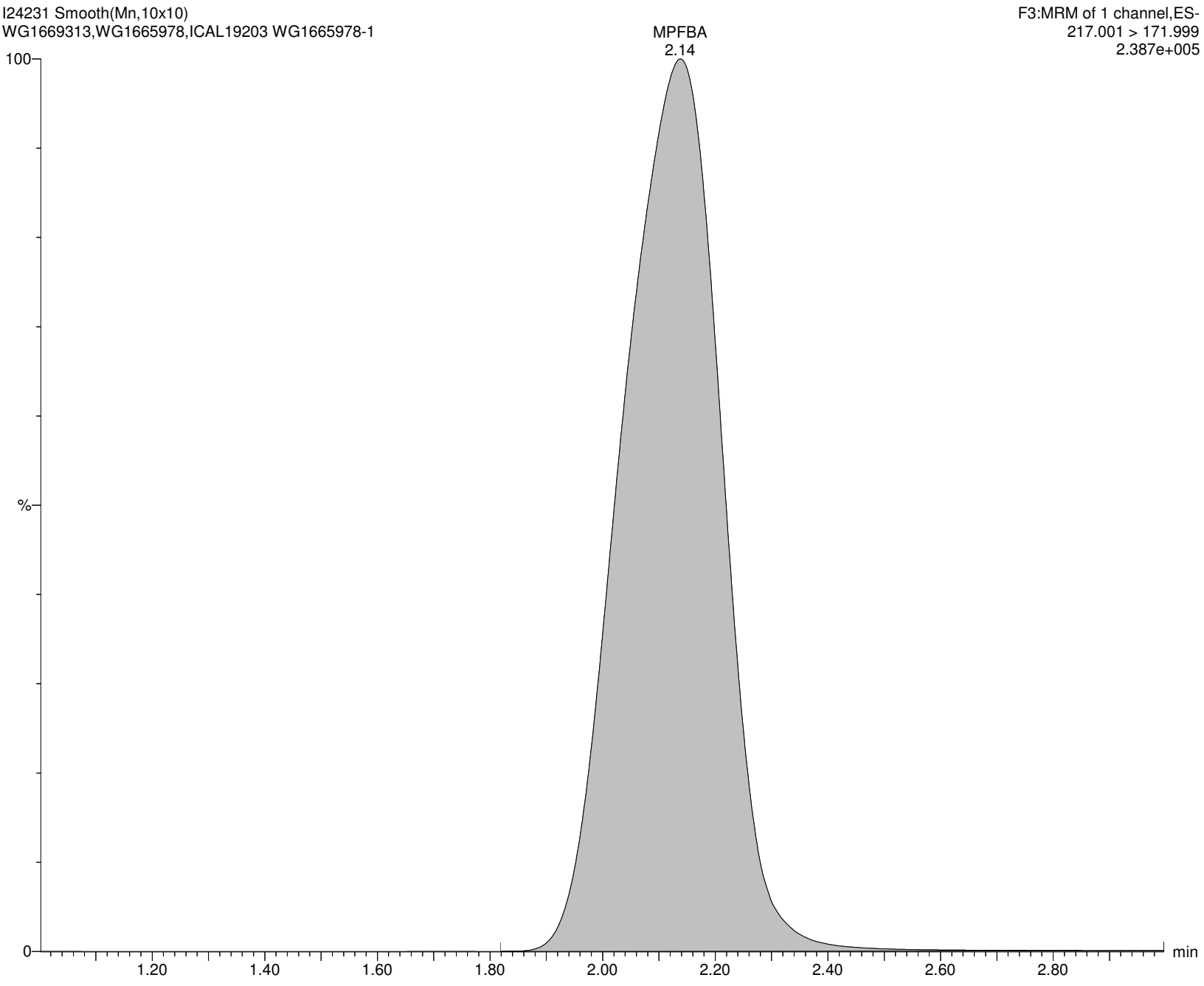


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:20 Eastern Daylight Time

Name: I24231
ID: WG1665978-1
Date: 31-Jul-2022
Time: 00:01:36
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

MPFBA

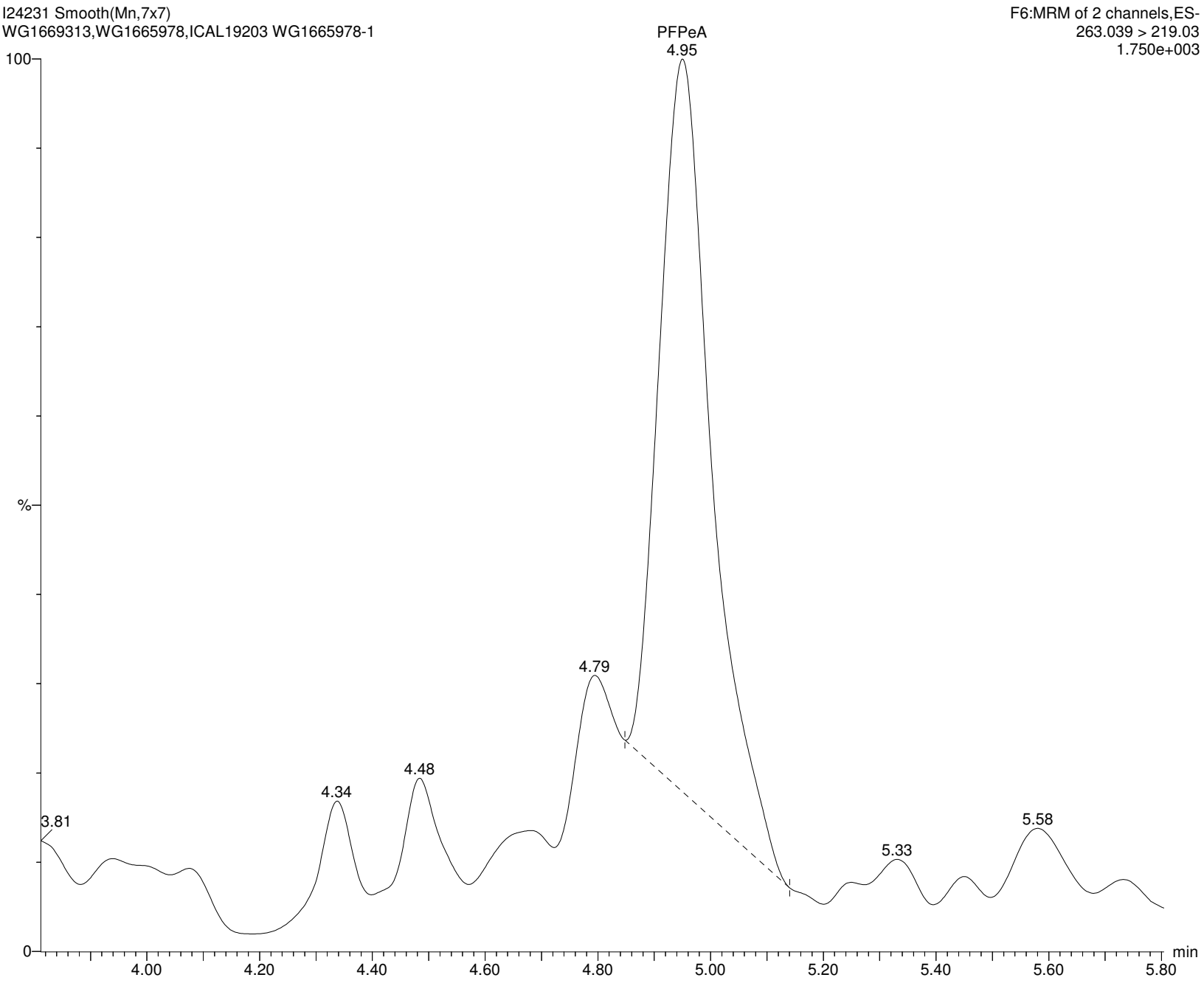


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:20 Eastern Daylight Time

Name: I24231
ID: WG1665978-1
Date: 31-Jul-2022
Time: 00:01:36
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFPeA

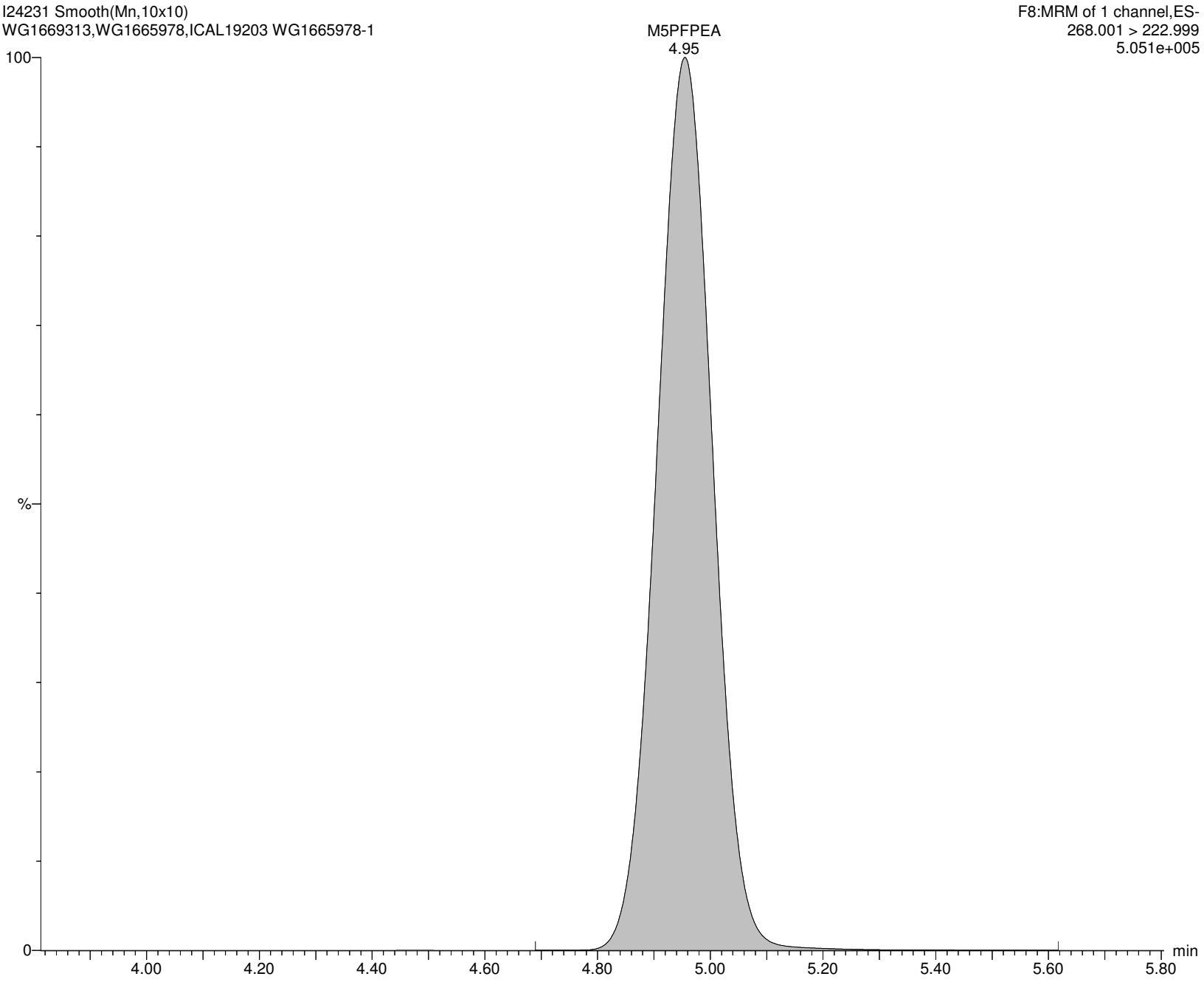


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:20 Eastern Daylight Time

Name: I24231
ID: WG1665978-1
Date: 31-Jul-2022
Time: 00:01:36
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M5PFPEA

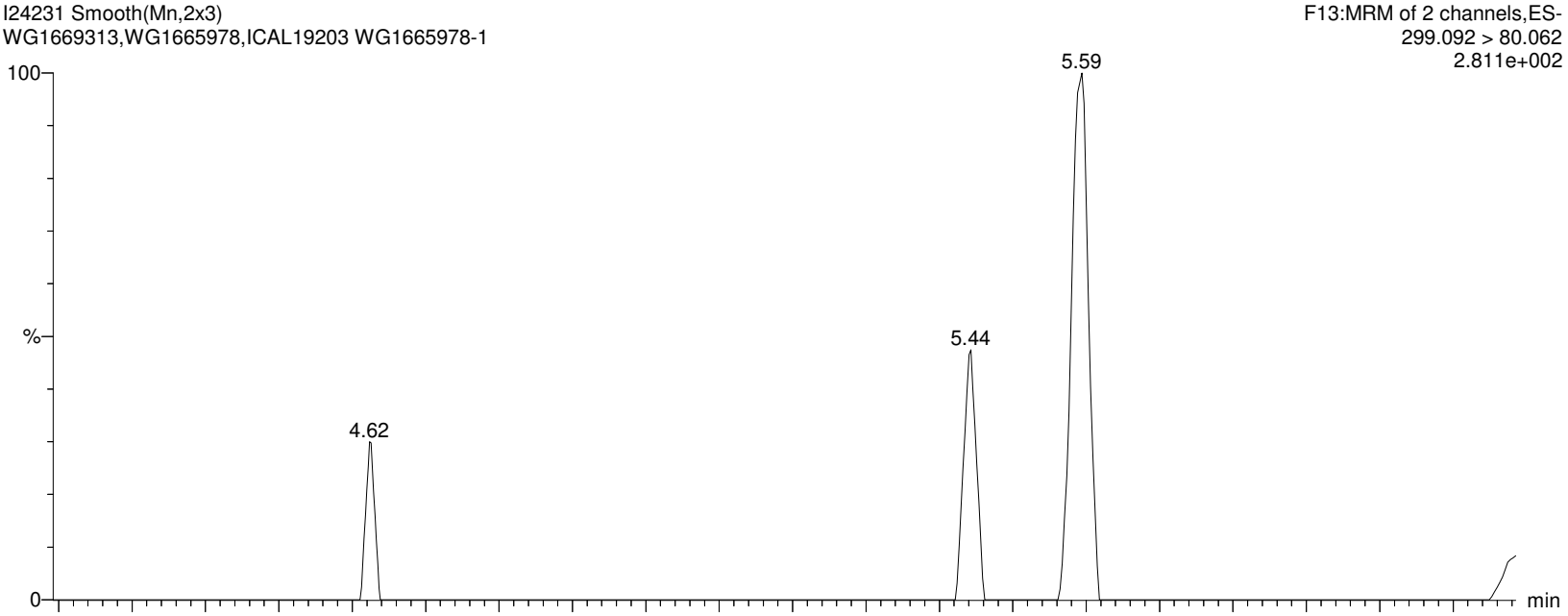


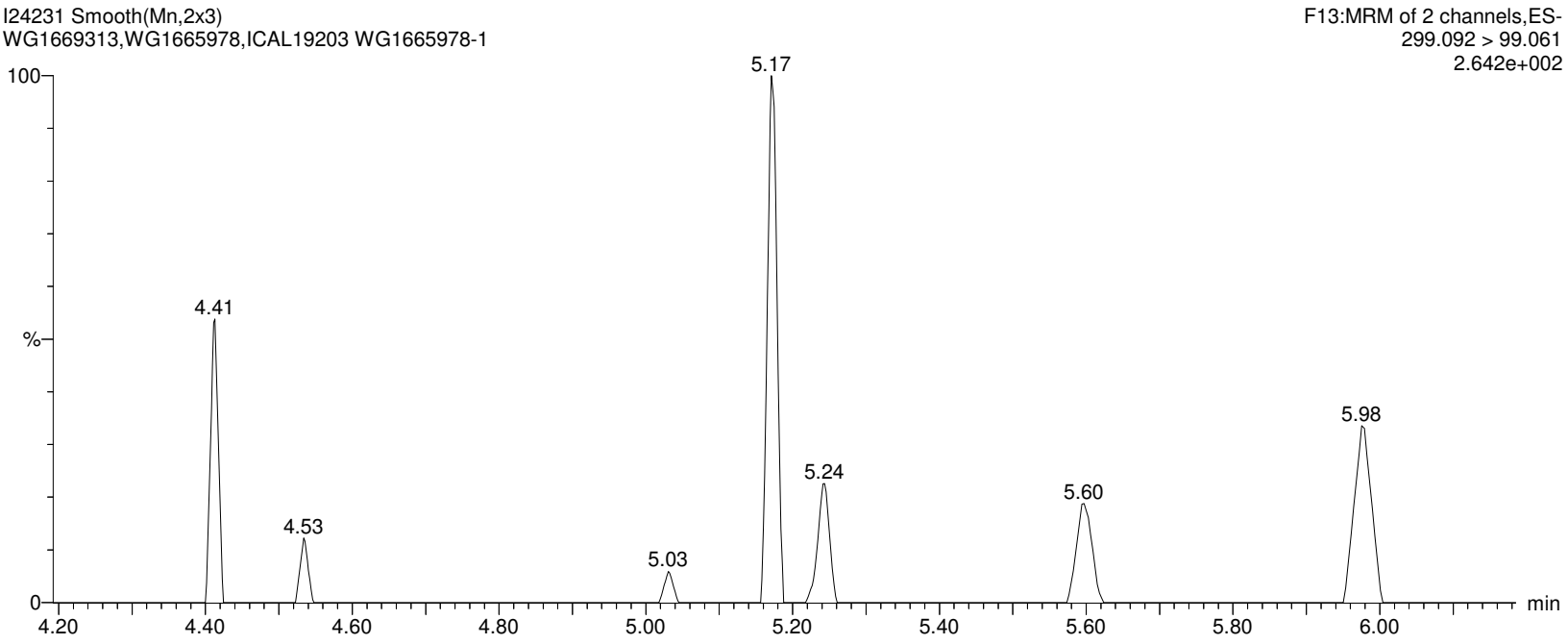
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:20 Eastern Daylight Time

Name: I24231
ID: WG1665978-1
Date: 31-Jul-2022
Time: 00:01:36
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFBS



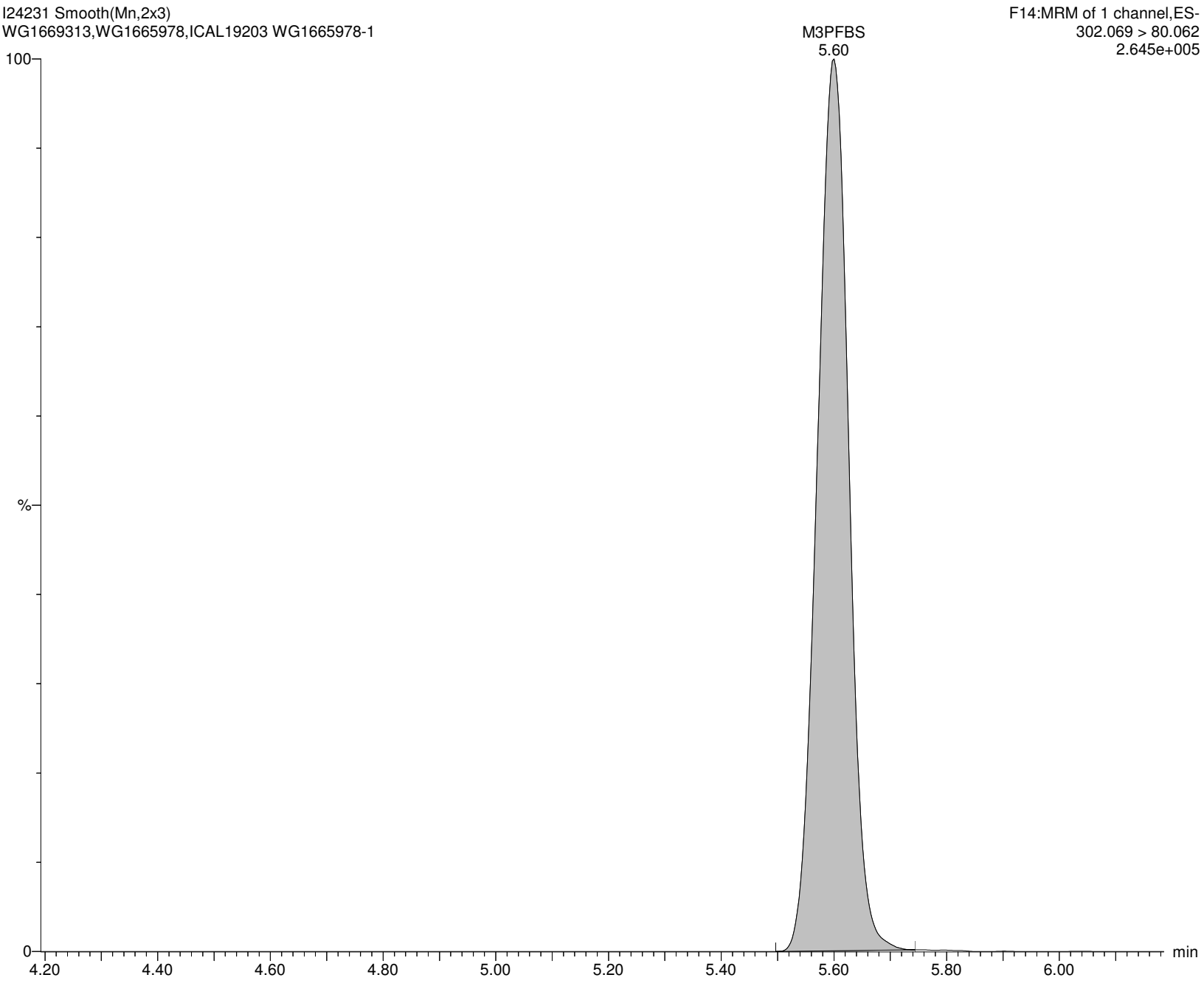


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:20 Eastern Daylight Time

Name: I24231
ID: WG1665978-1
Date: 31-Jul-2022
Time: 00:01:36
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M3PFBS

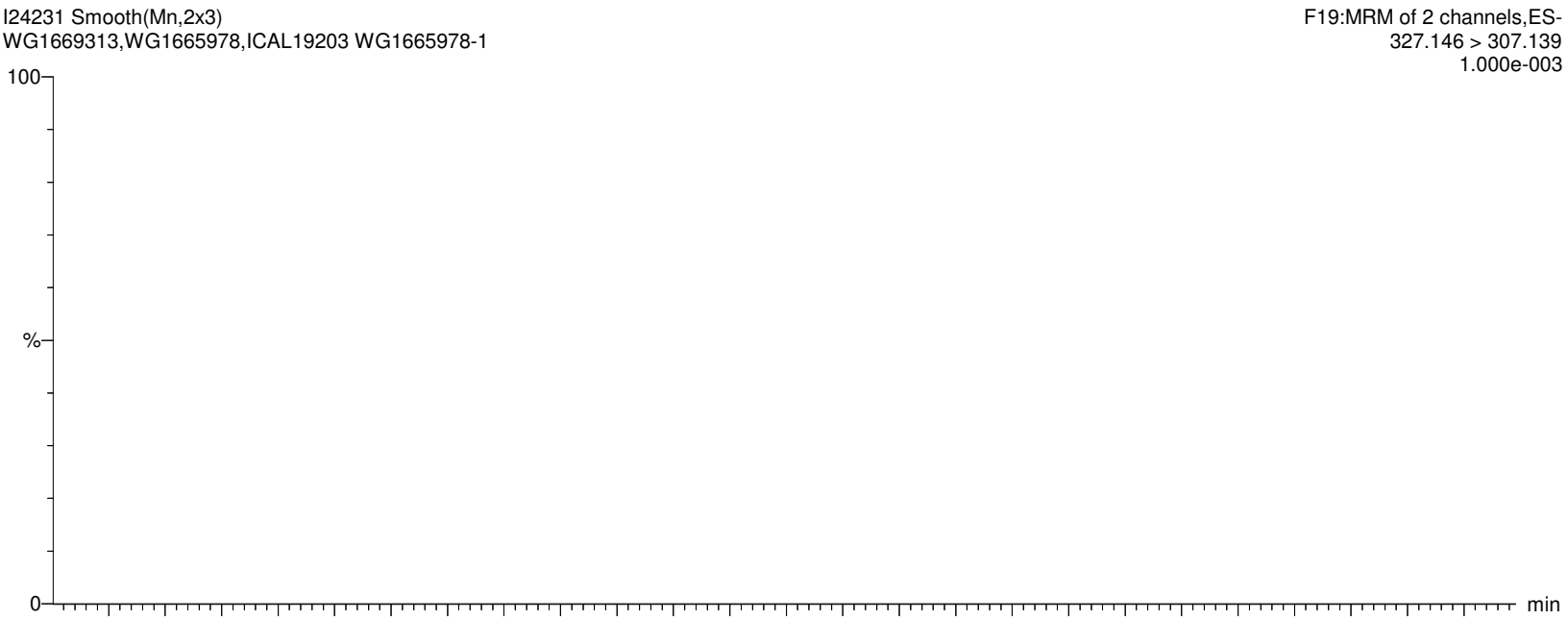


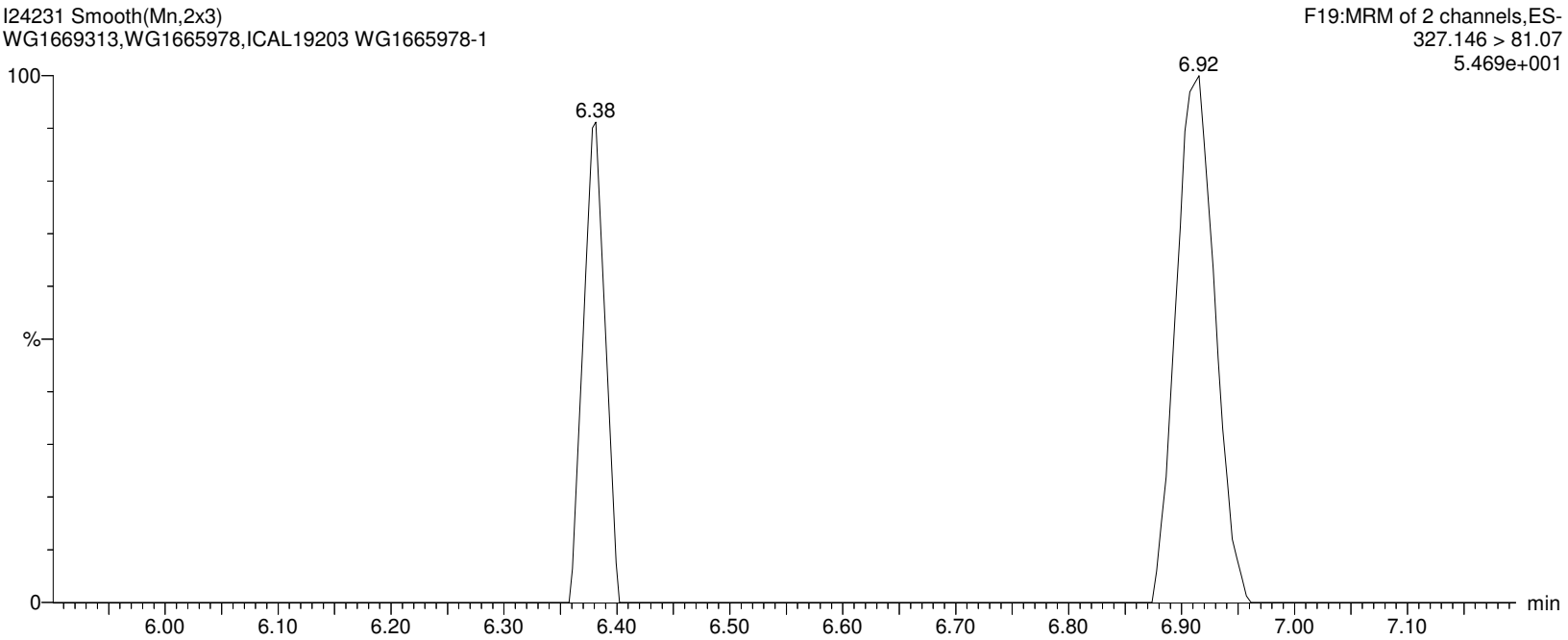
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:20 Eastern Daylight Time

Name: I24231
ID: WG1665978-1
Date: 31-Jul-2022
Time: 00:01:36
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

4:2FTS



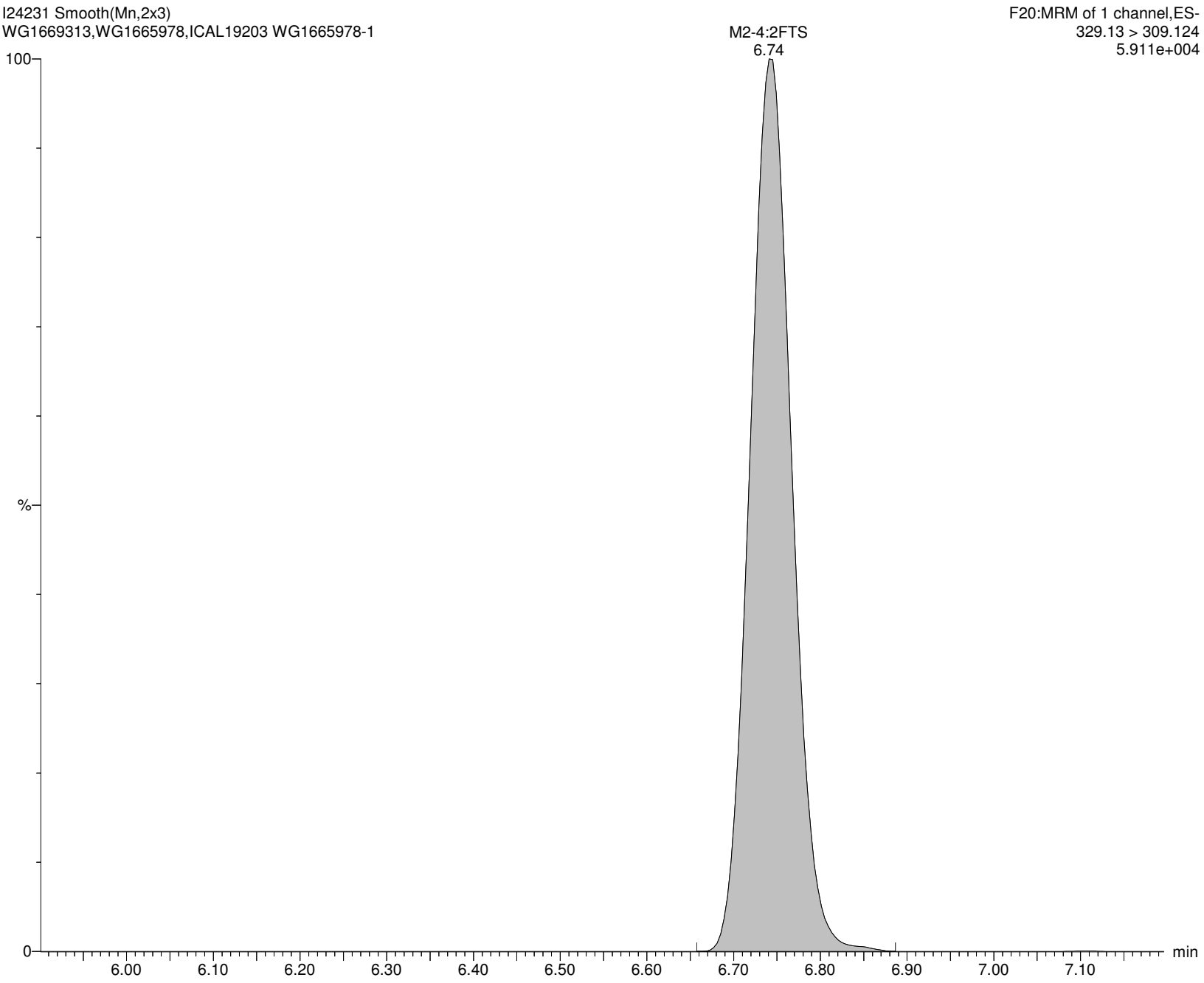


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:20 Eastern Daylight Time

Name: I24231
ID: WG1665978-1
Date: 31-Jul-2022
Time: 00:01:36
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2-4:2FTS

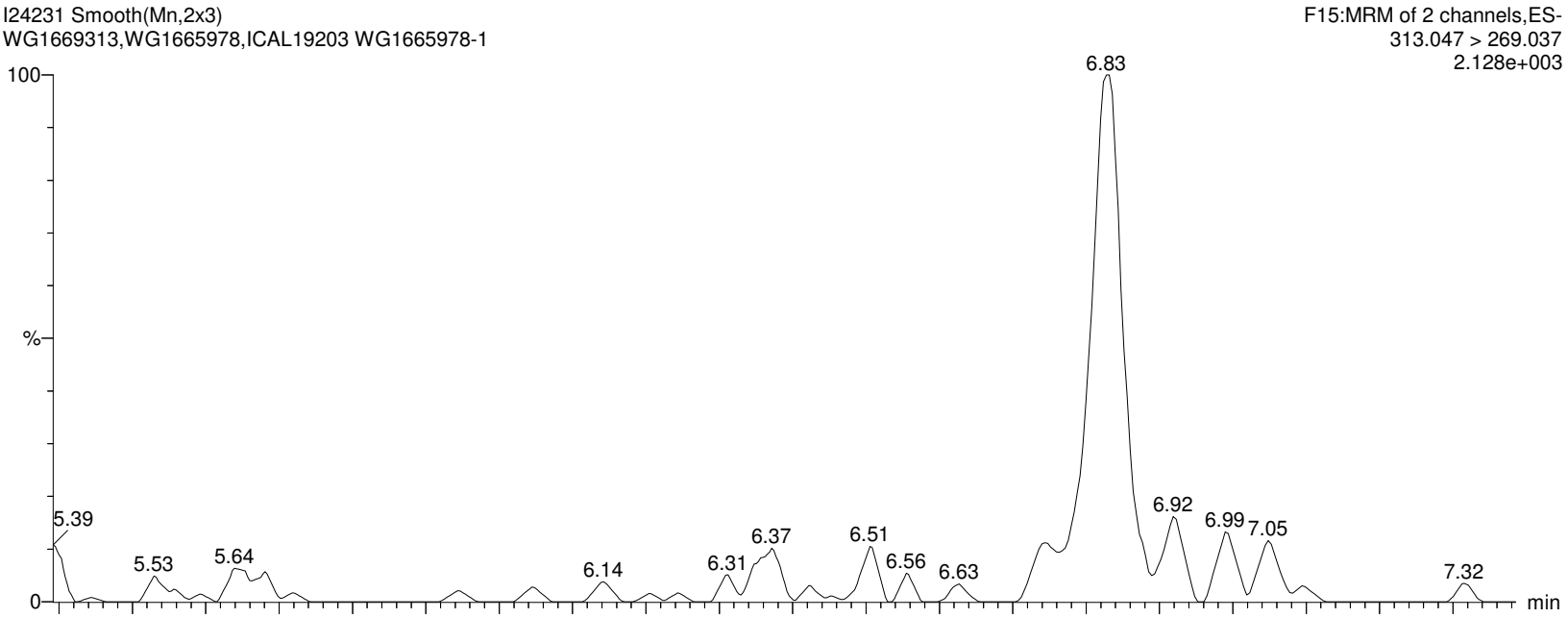


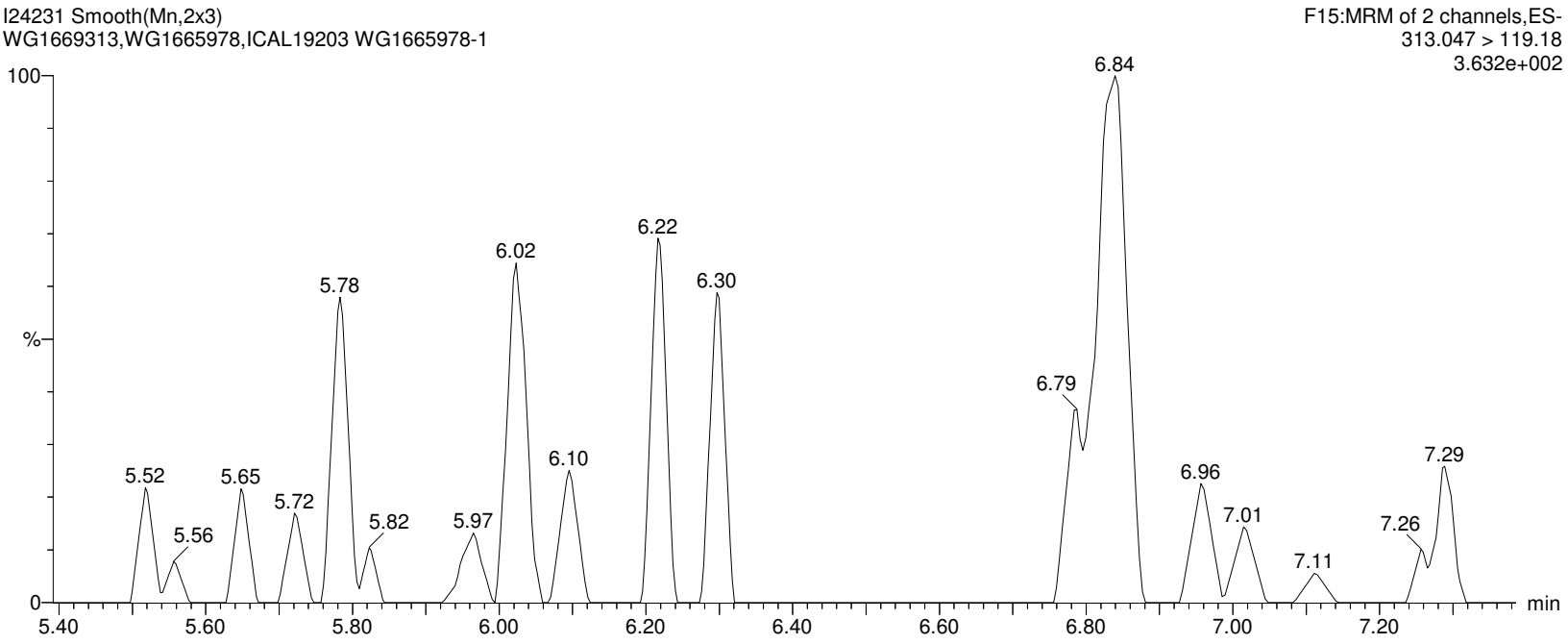
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:20 Eastern Daylight Time

Name: I24231
ID: WG1665978-1
Date: 31-Jul-2022
Time: 00:01:36
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFHxA



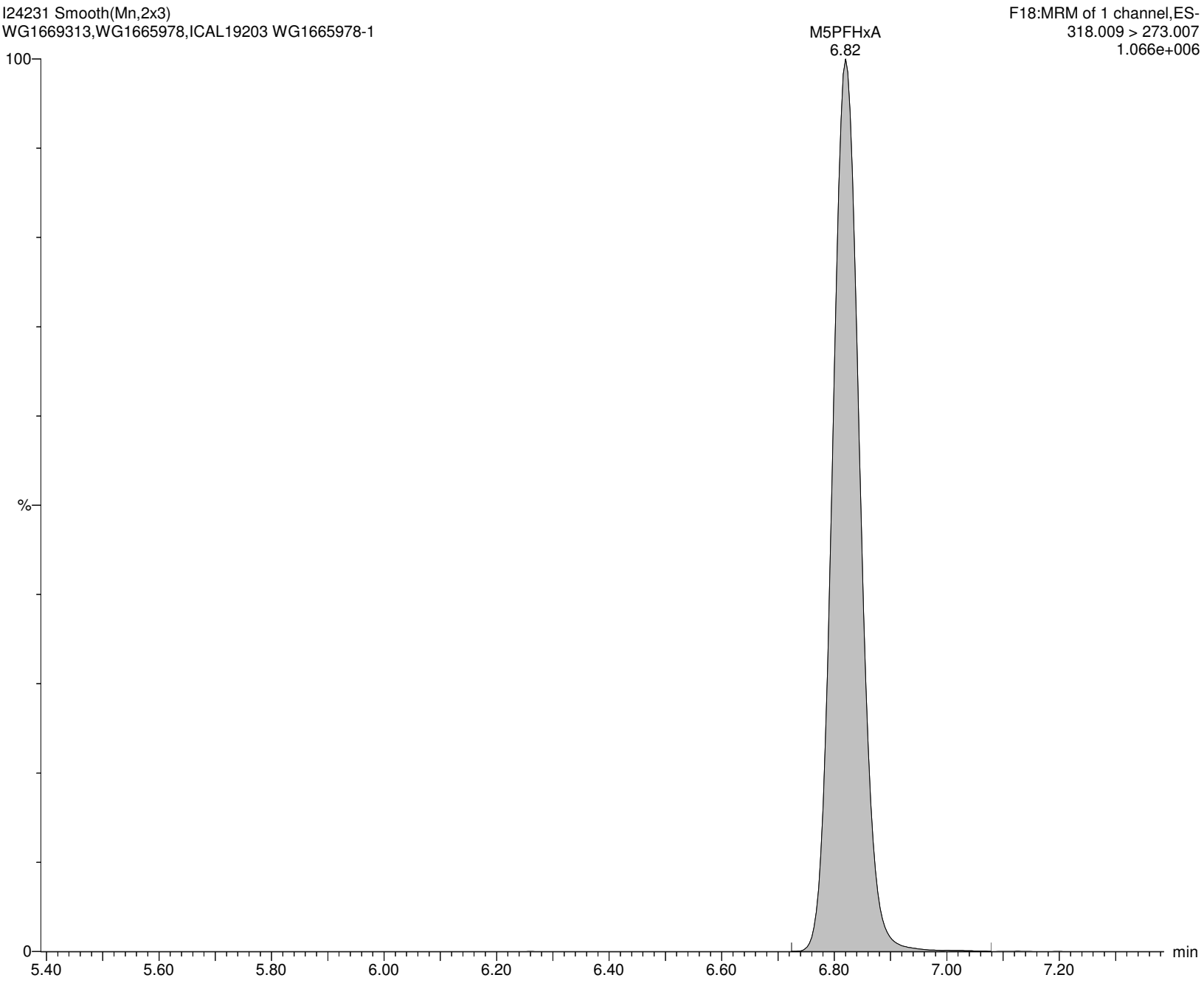


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:20 Eastern Daylight Time

Name: I24231
ID: WG1665978-1
Date: 31-Jul-2022
Time: 00:01:36
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M5PFHxA

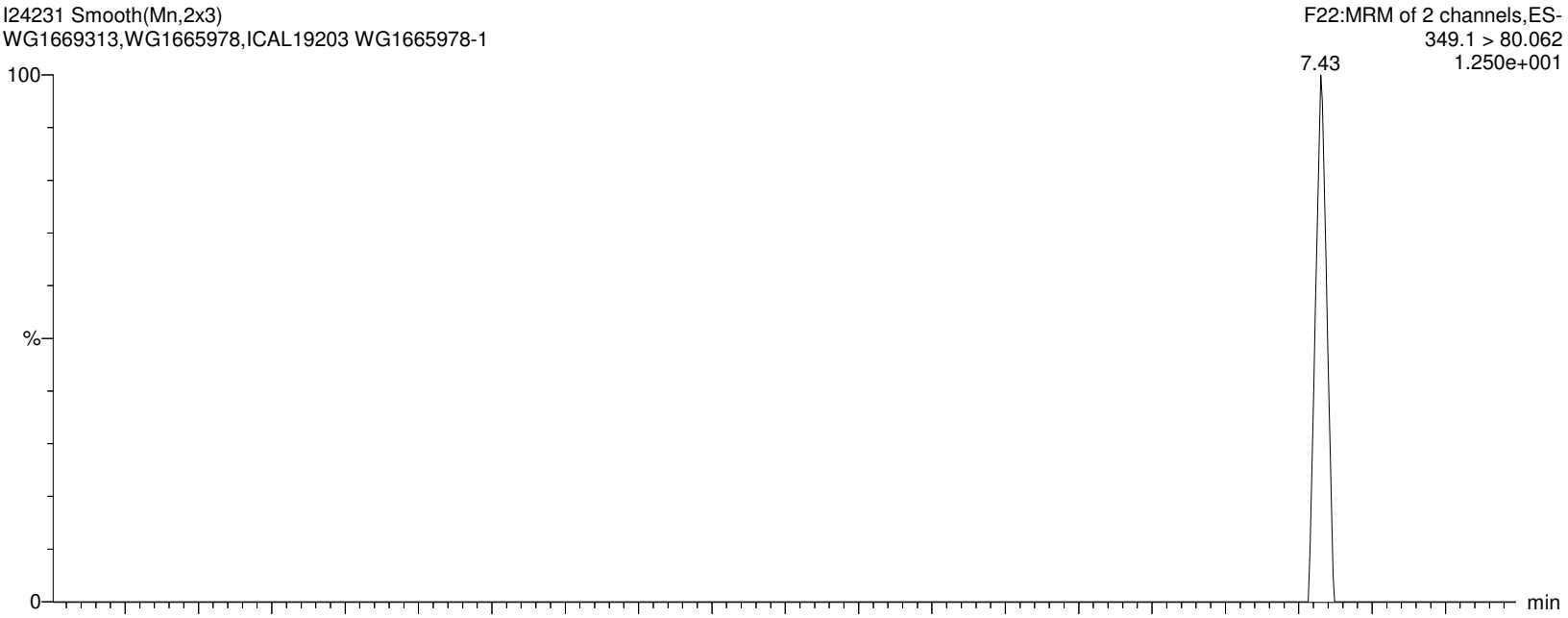


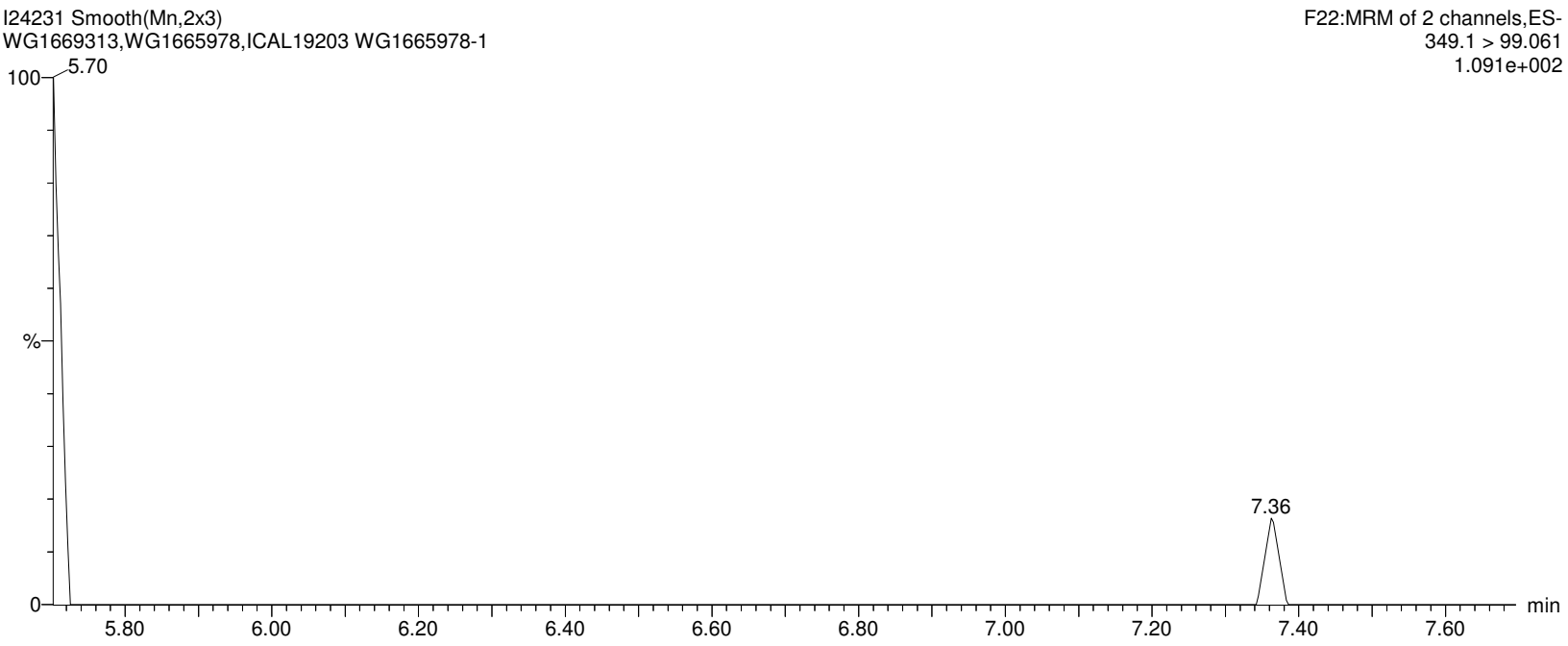
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:20 Eastern Daylight Time

Name: I24231
ID: WG1665978-1
Date: 31-Jul-2022
Time: 00:01:36
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFPeS



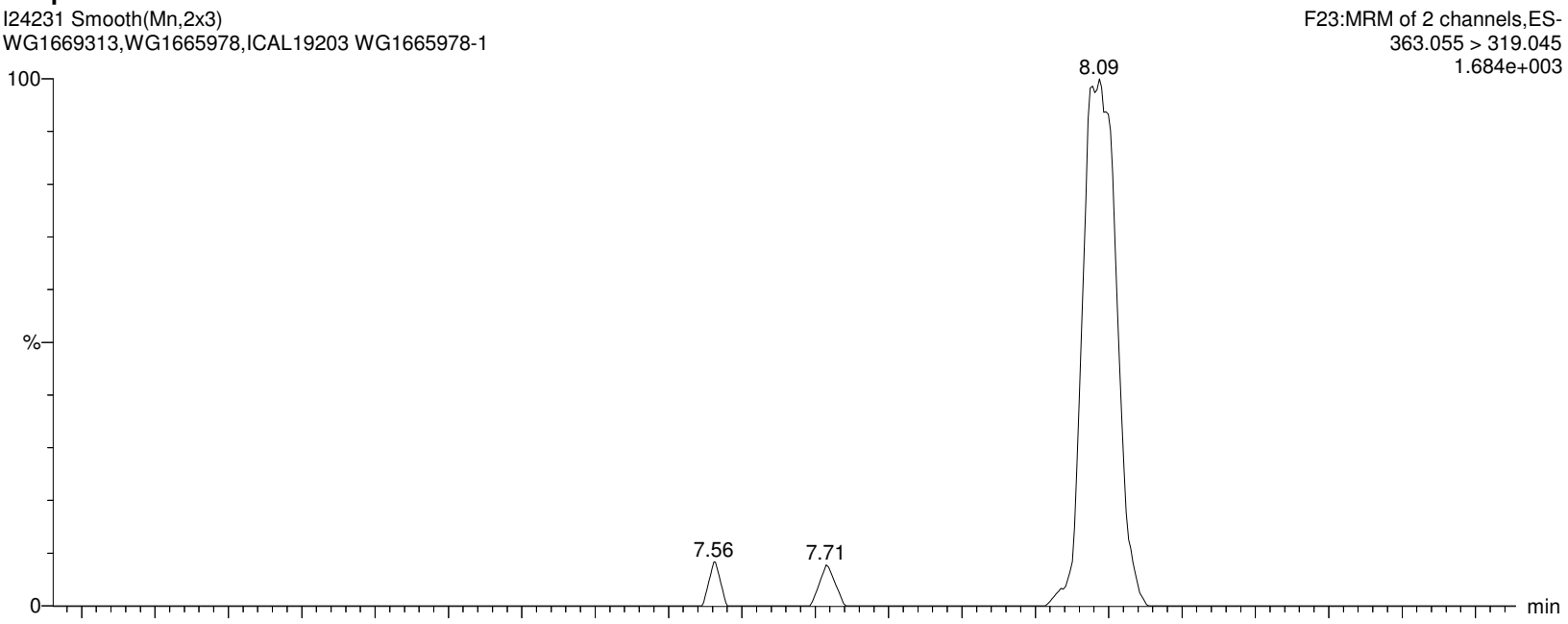


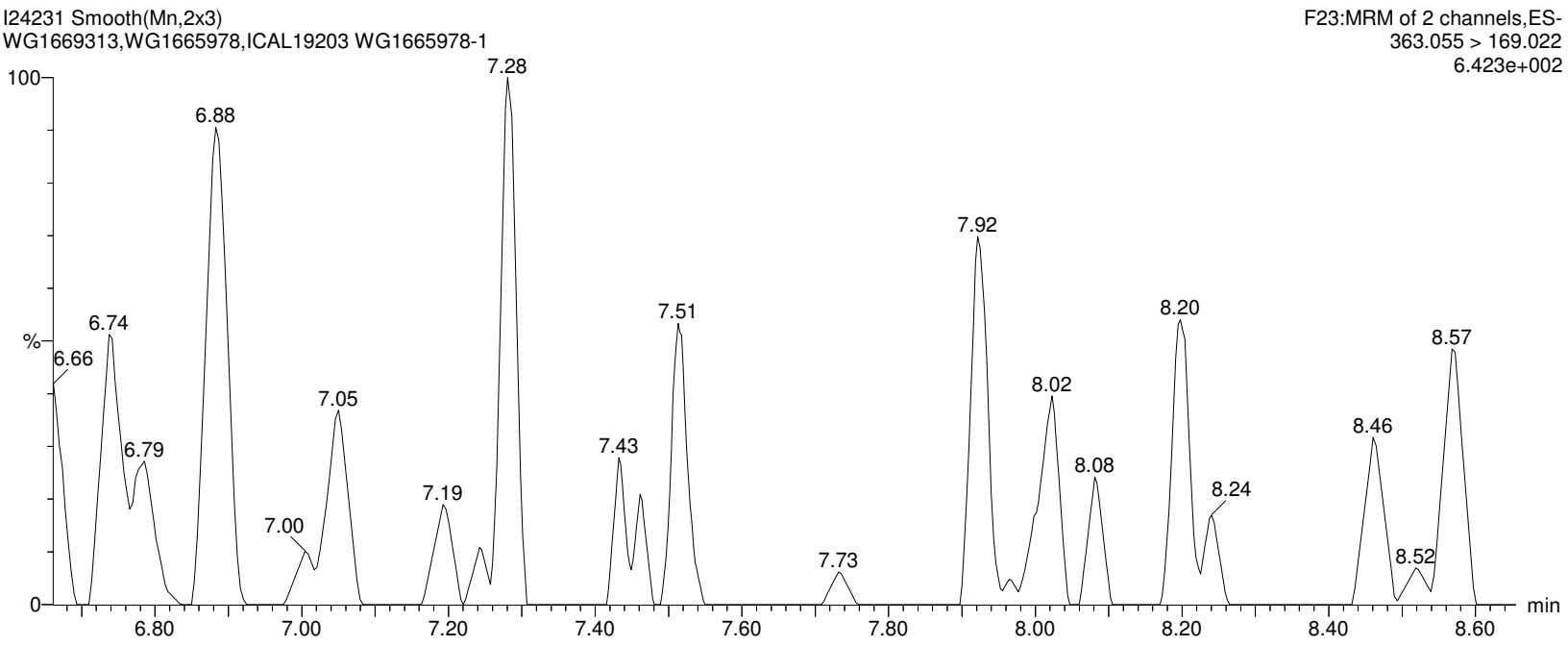
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:20 Eastern Daylight Time

Name: I24231
ID: WG1665978-1
Date: 31-Jul-2022
Time: 00:01:36
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFHpA



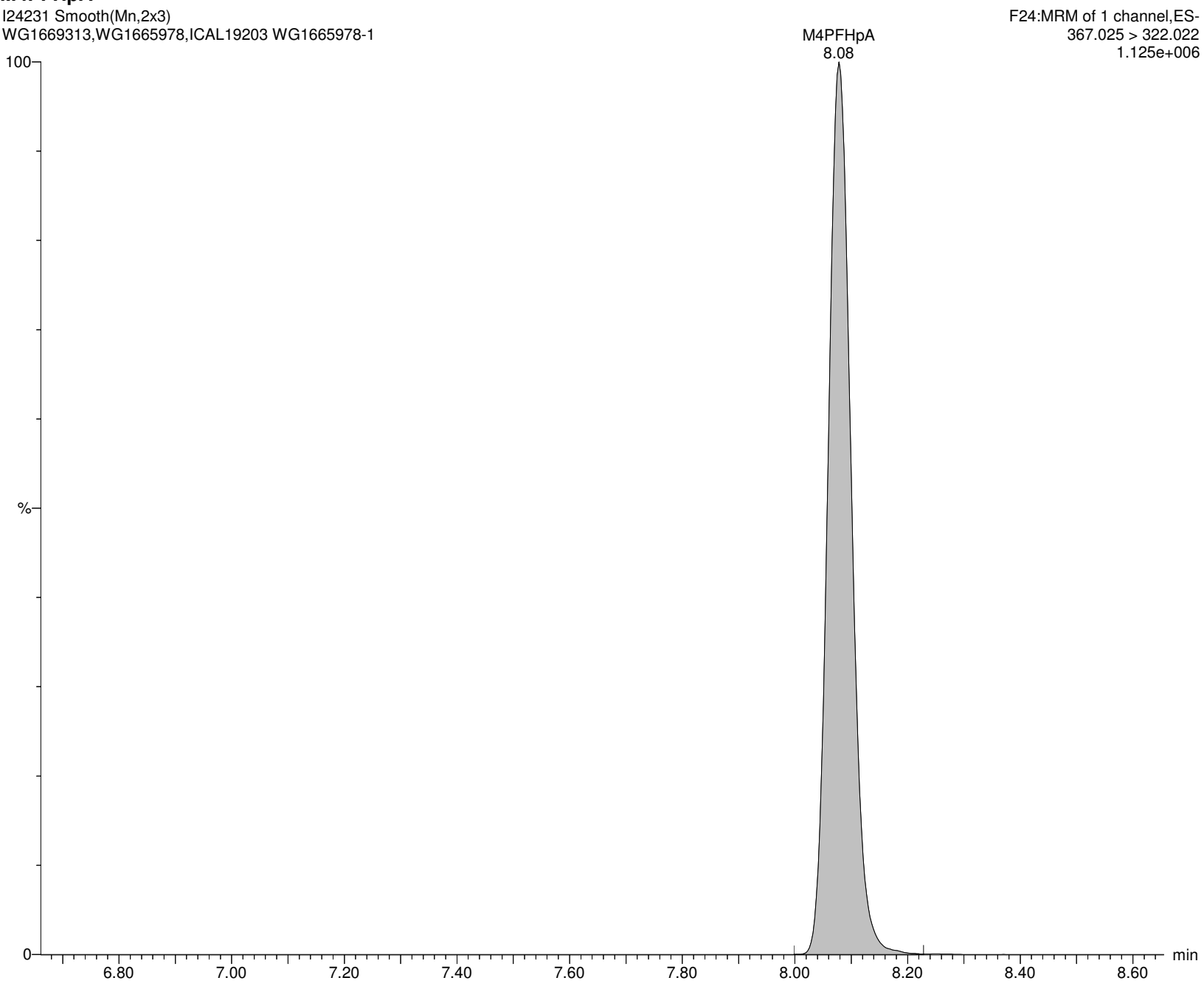


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:20 Eastern Daylight Time

Name: I24231
ID: WG1665978-1
Date: 31-Jul-2022
Time: 00:01:36
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M4PFHpA

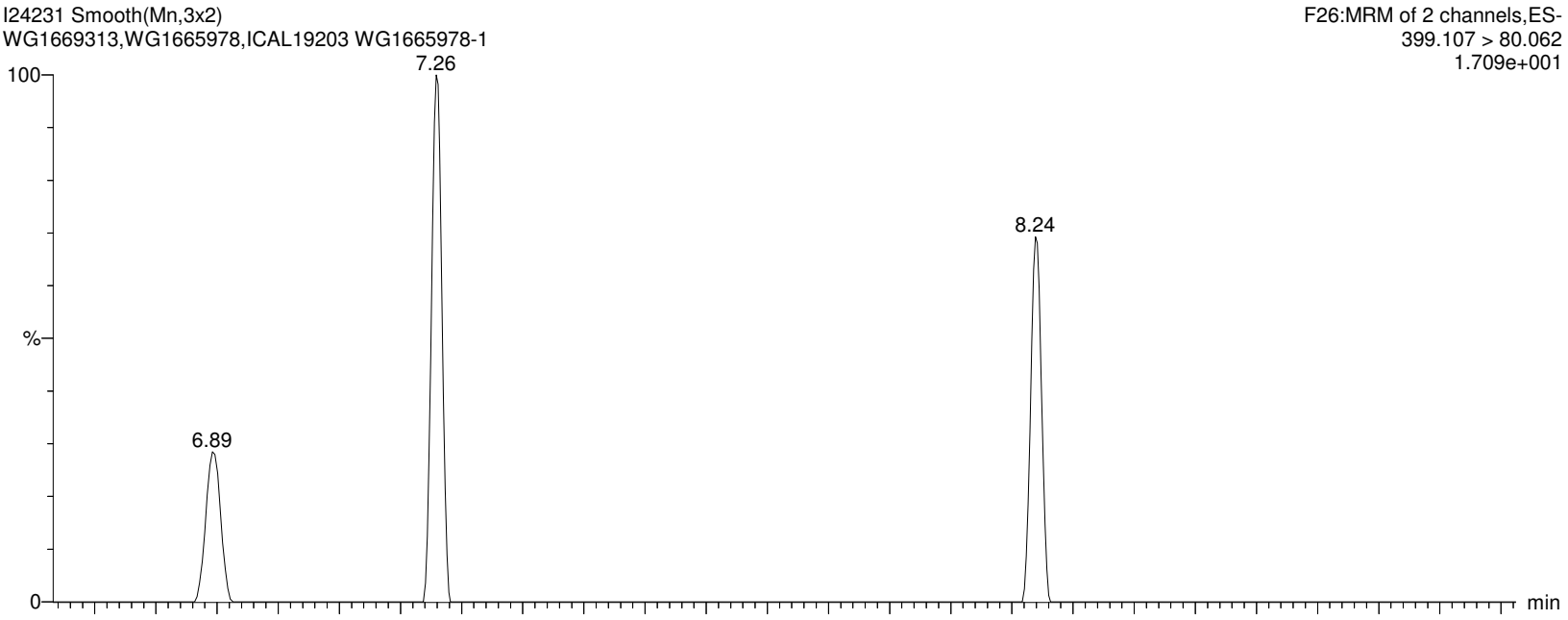


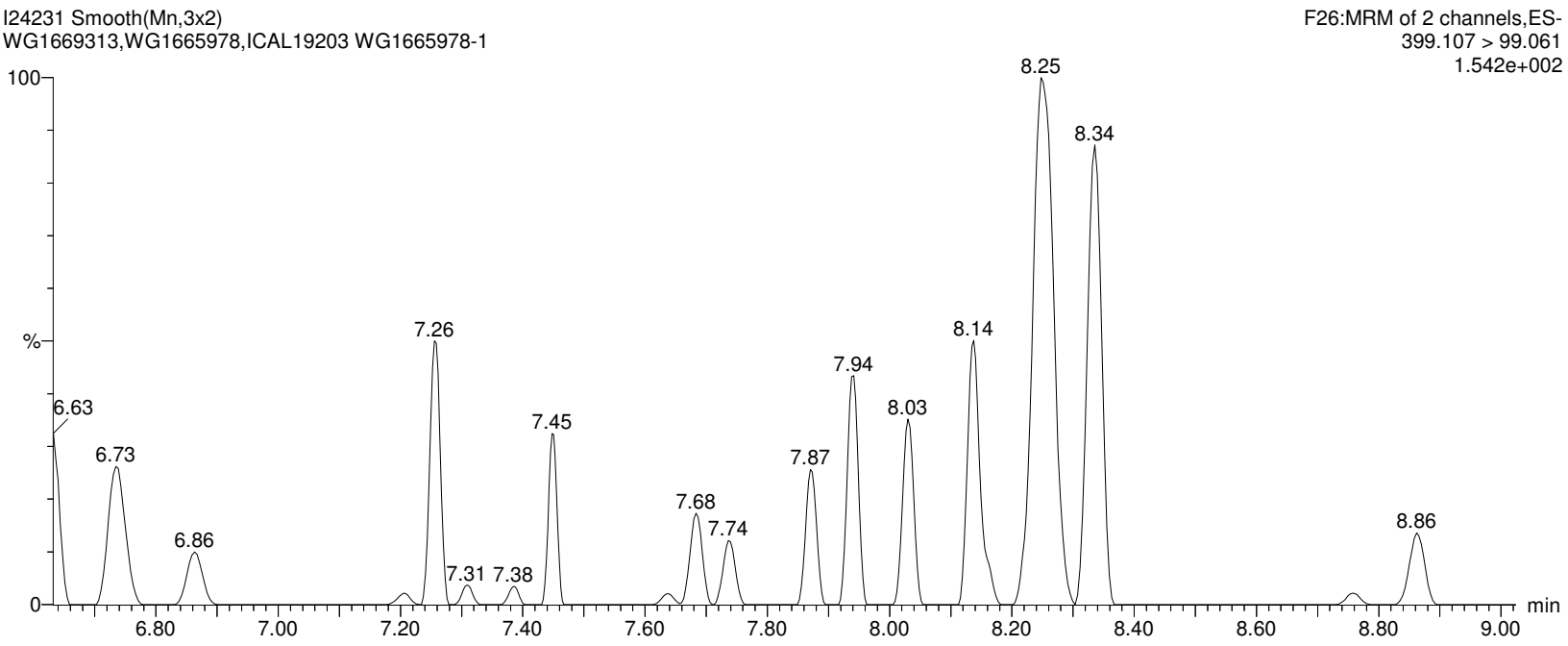
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:20 Eastern Daylight Time

Name: I24231
ID: WG1665978-1
Date: 31-Jul-2022
Time: 00:01:36
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

br-PFHxS



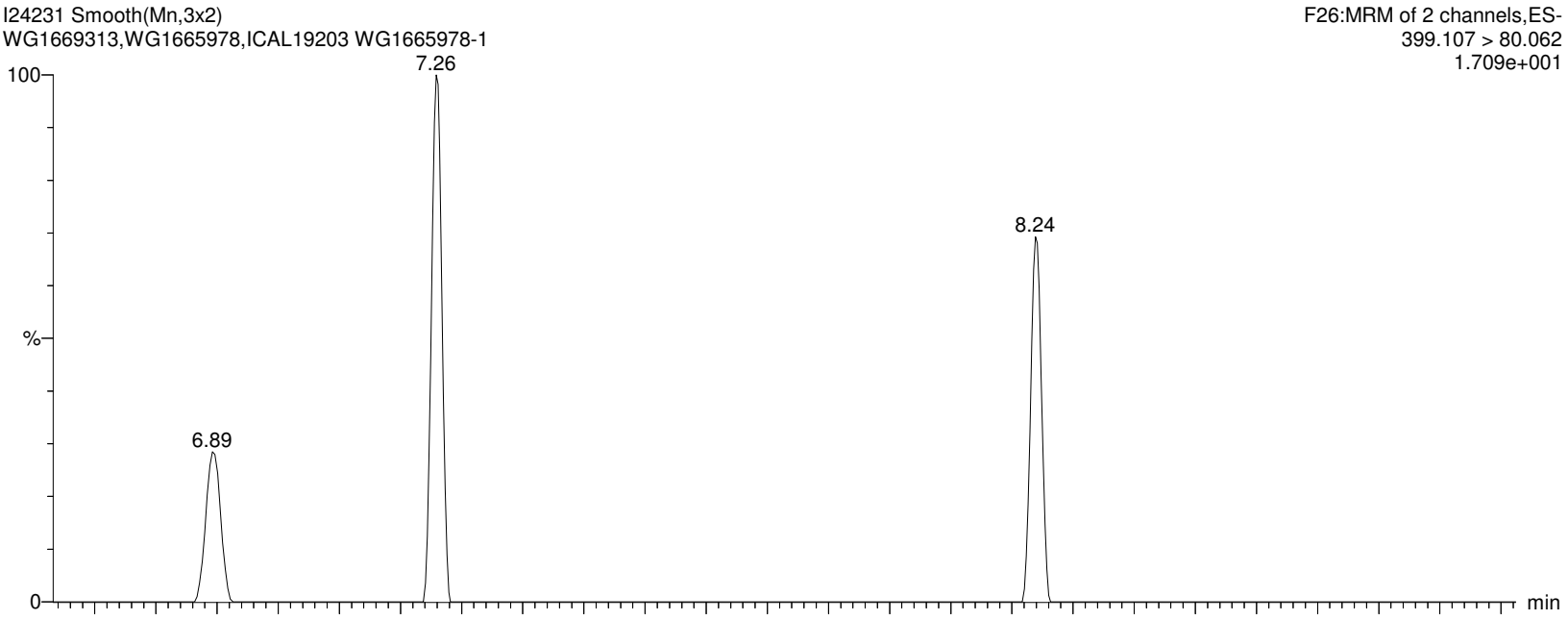


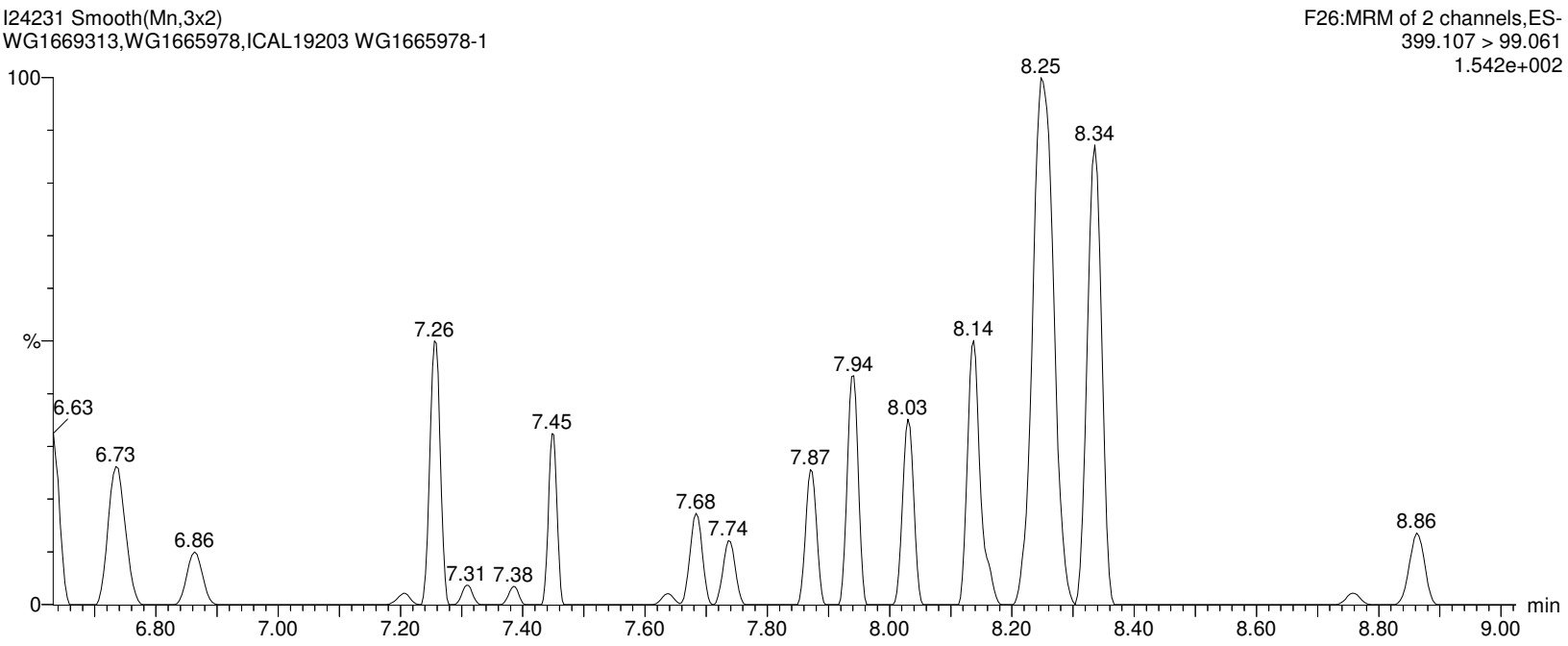
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:20 Eastern Daylight Time

Name: I24231
ID: WG1665978-1
Date: 31-Jul-2022
Time: 00:01:36
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

L-PFHxS



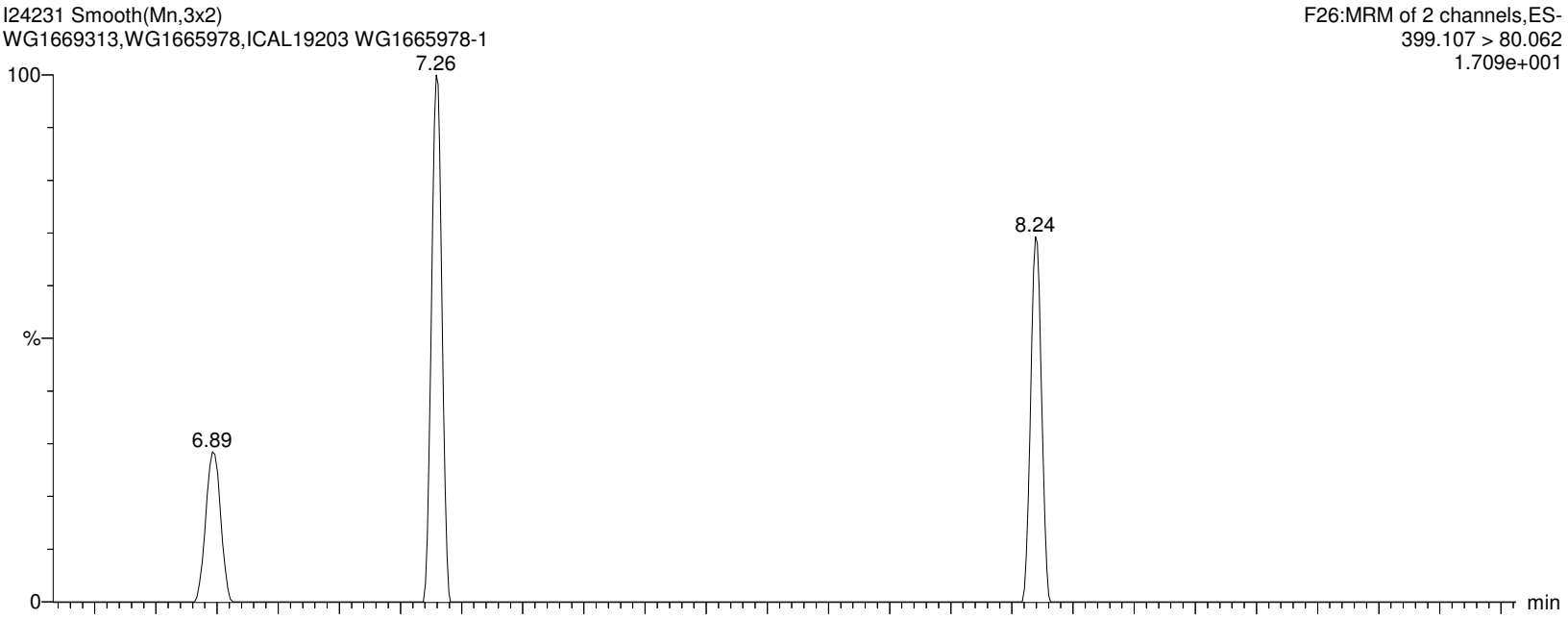


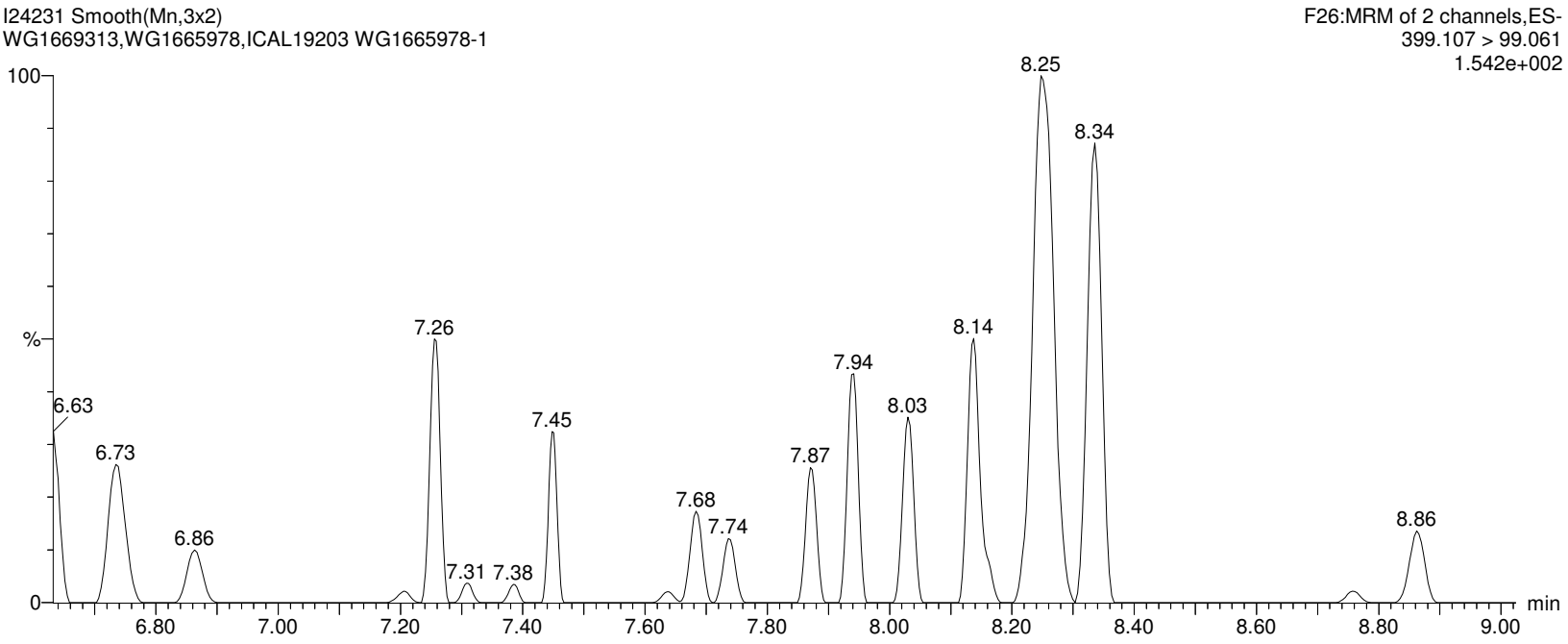
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:20 Eastern Daylight Time

Name: I24231
ID: WG1665978-1
Date: 31-Jul-2022
Time: 00:01:36
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFHxS



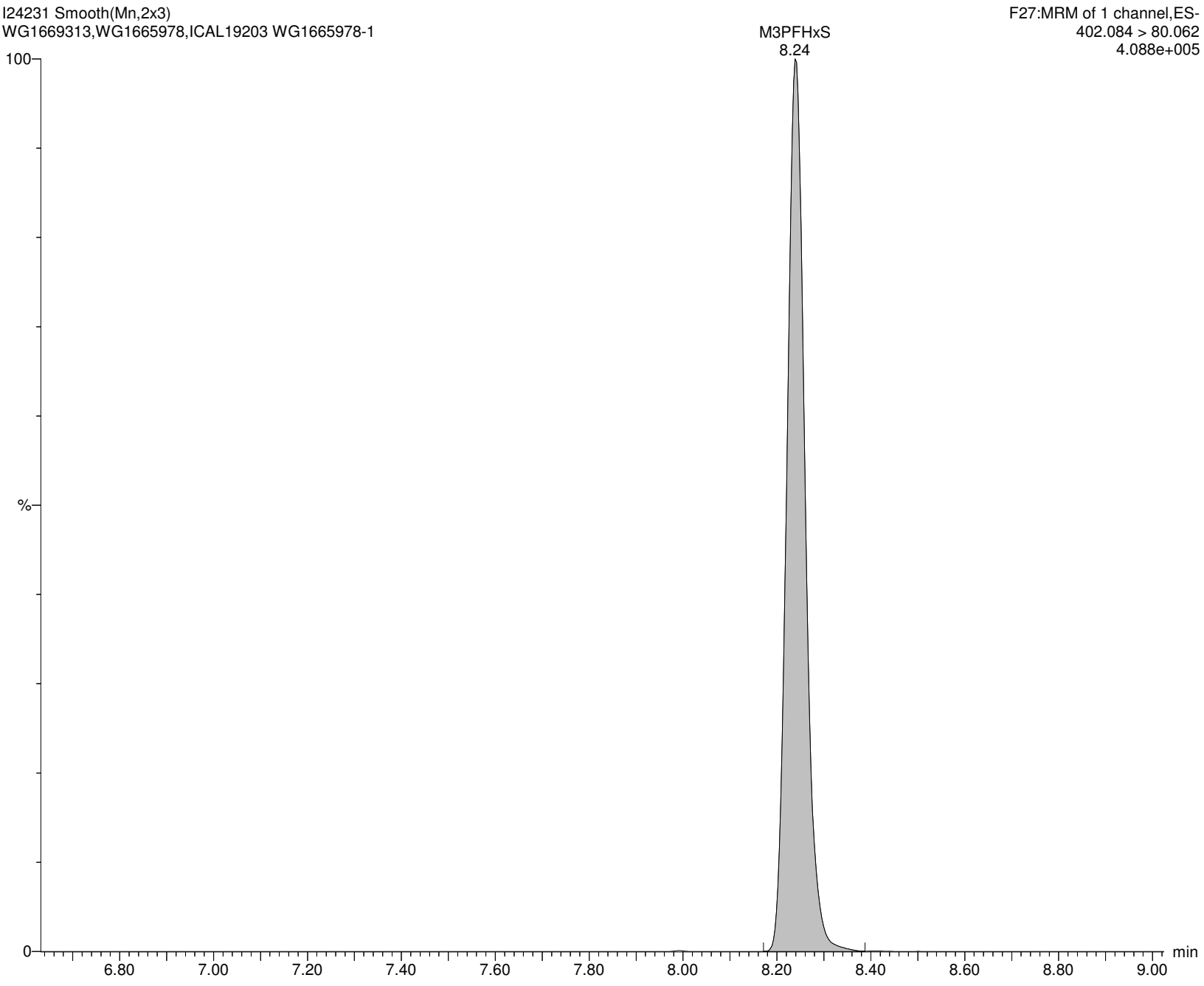


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:20 Eastern Daylight Time

Name: I24231
ID: WG1665978-1
Date: 31-Jul-2022
Time: 00:01:36
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M3PFHxS

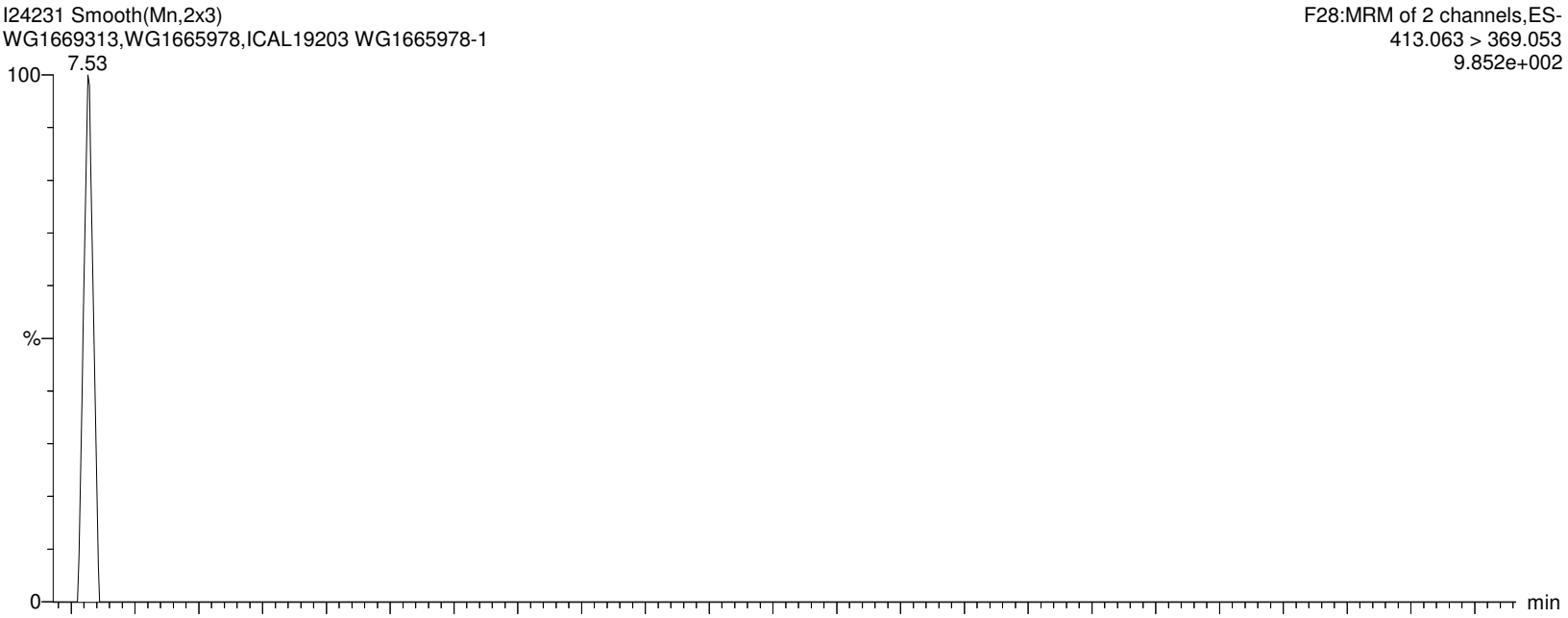


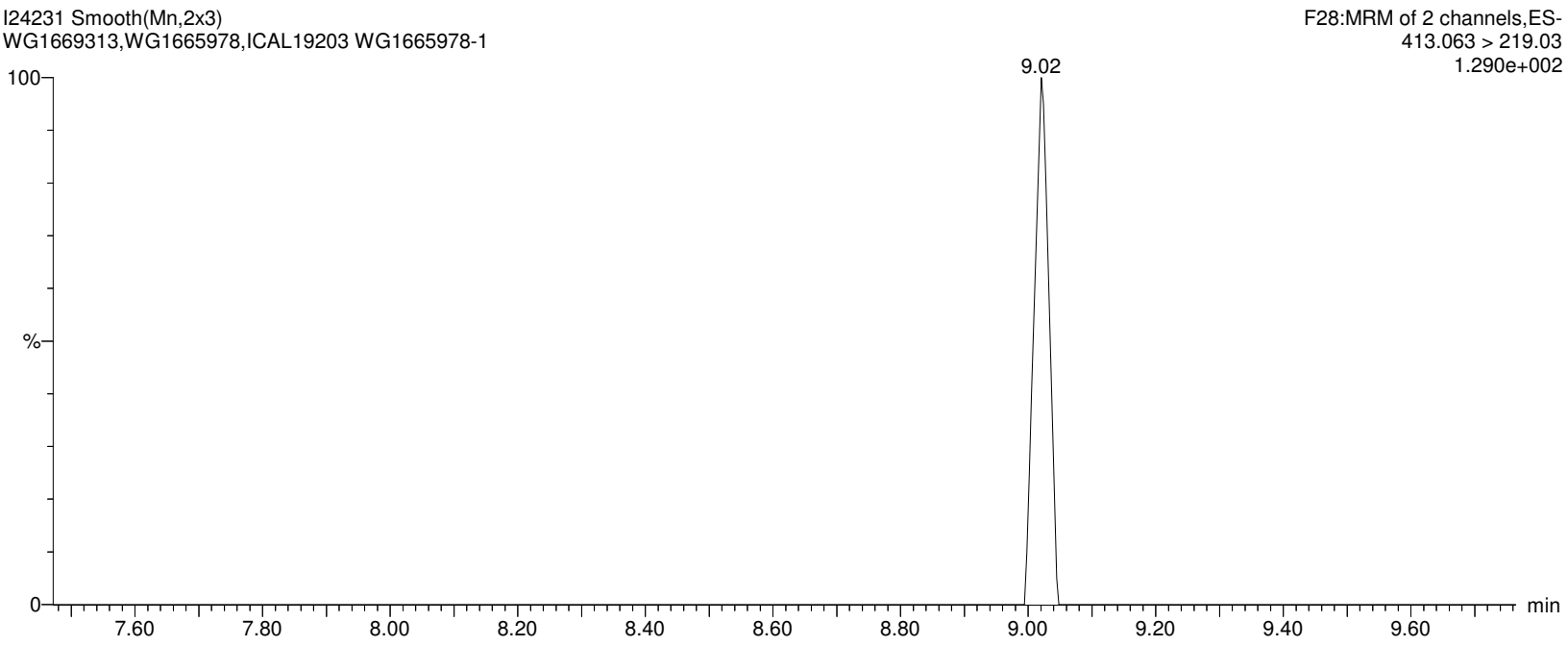
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:20 Eastern Daylight Time

Name: I24231
ID: WG1665978-1
Date: 31-Jul-2022
Time: 00:01:36
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

br-PFOA



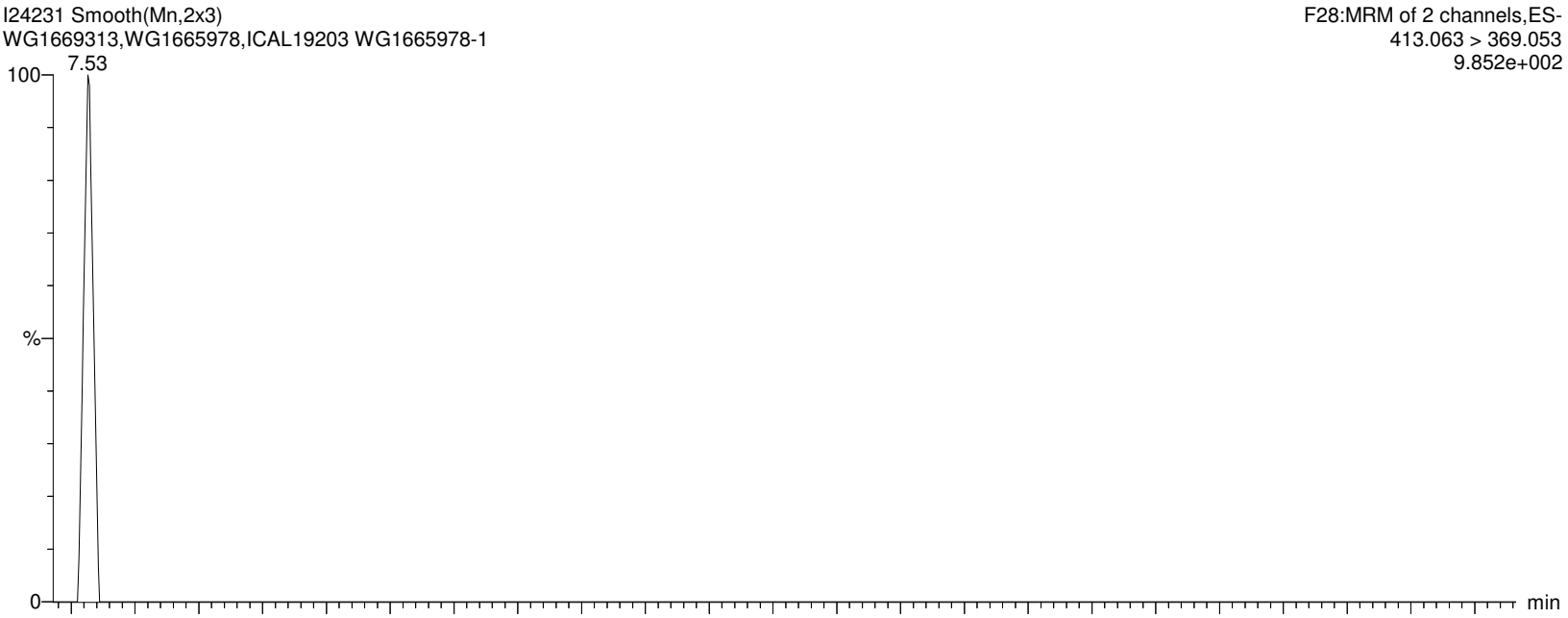


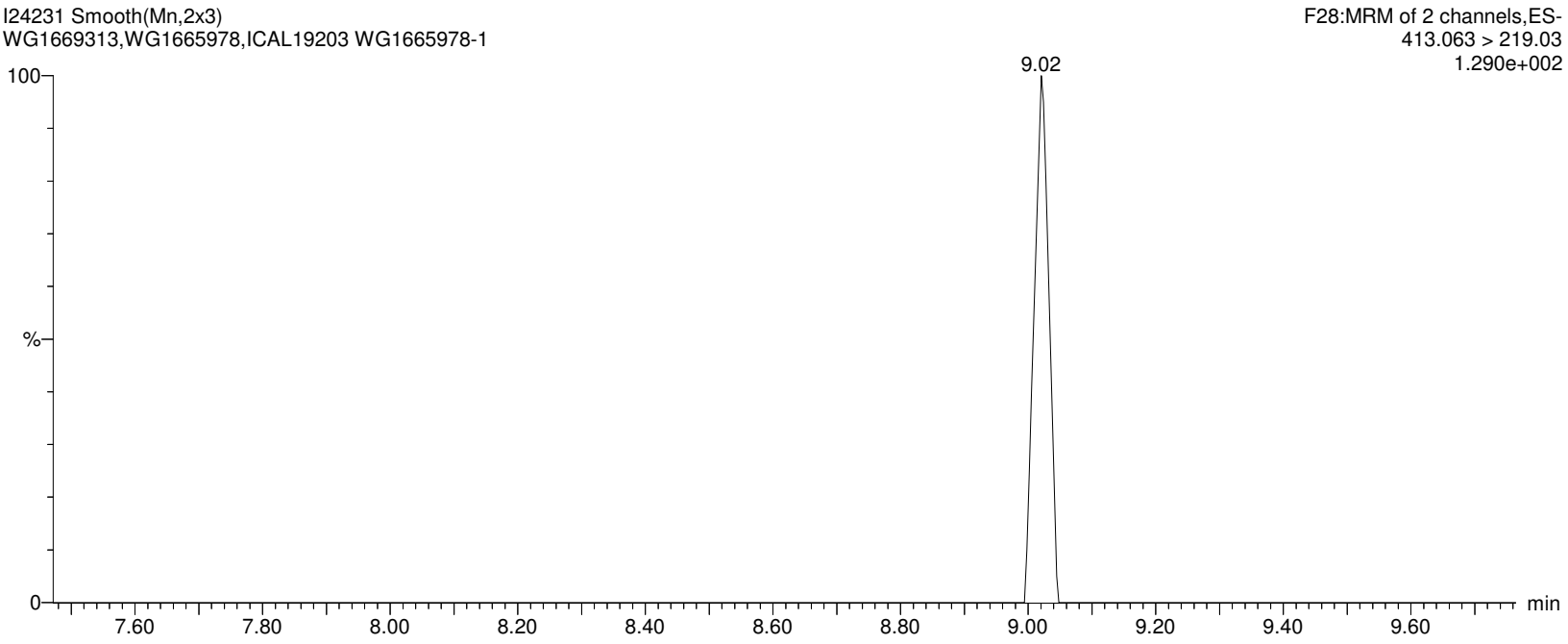
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:20 Eastern Daylight Time

Name: I24231
ID: WG1665978-1
Date: 31-Jul-2022
Time: 00:01:36
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

L-PFOA



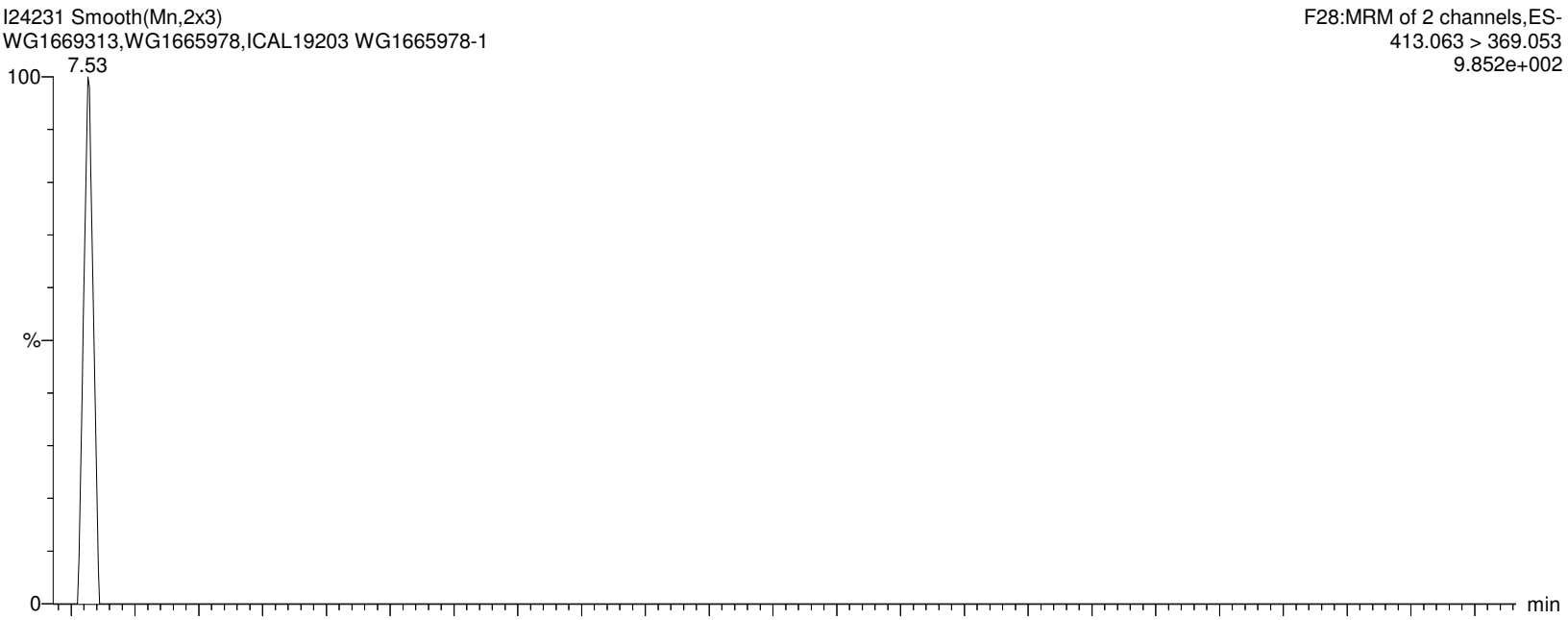


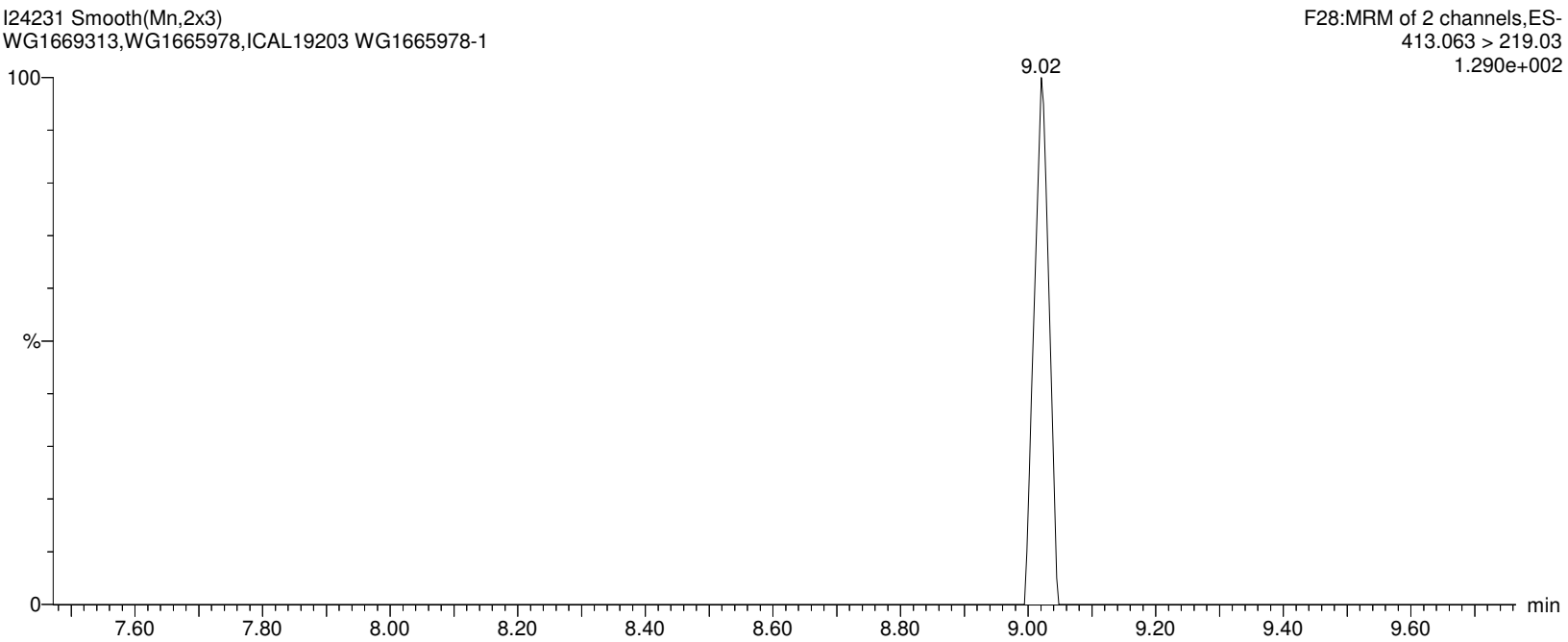
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:20 Eastern Daylight Time

Name: I24231
ID: WG1665978-1
Date: 31-Jul-2022
Time: 00:01:36
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFOA



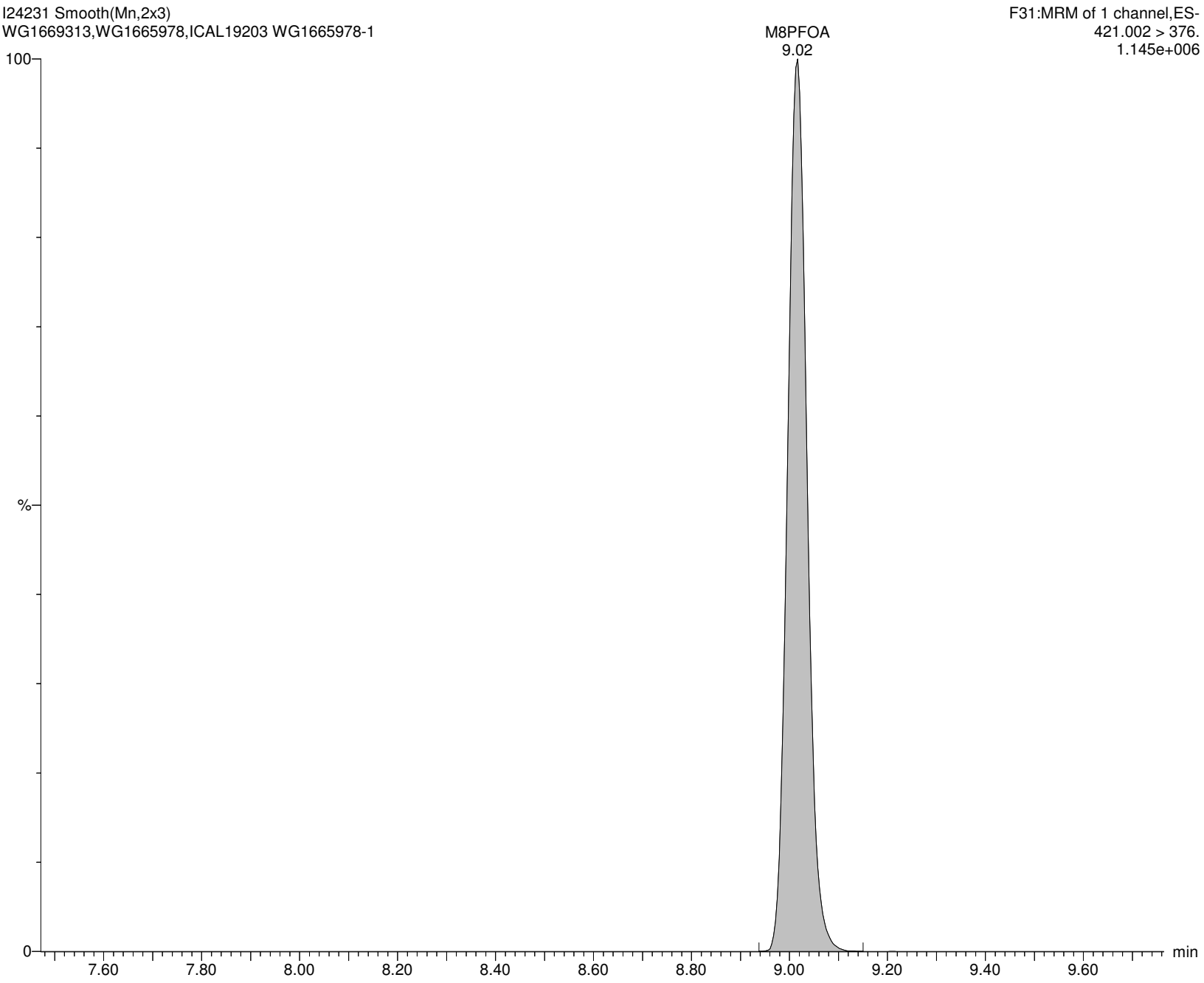


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:20 Eastern Daylight Time

Name: I24231
ID: WG1665978-1
Date: 31-Jul-2022
Time: 00:01:36
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M8PFOA

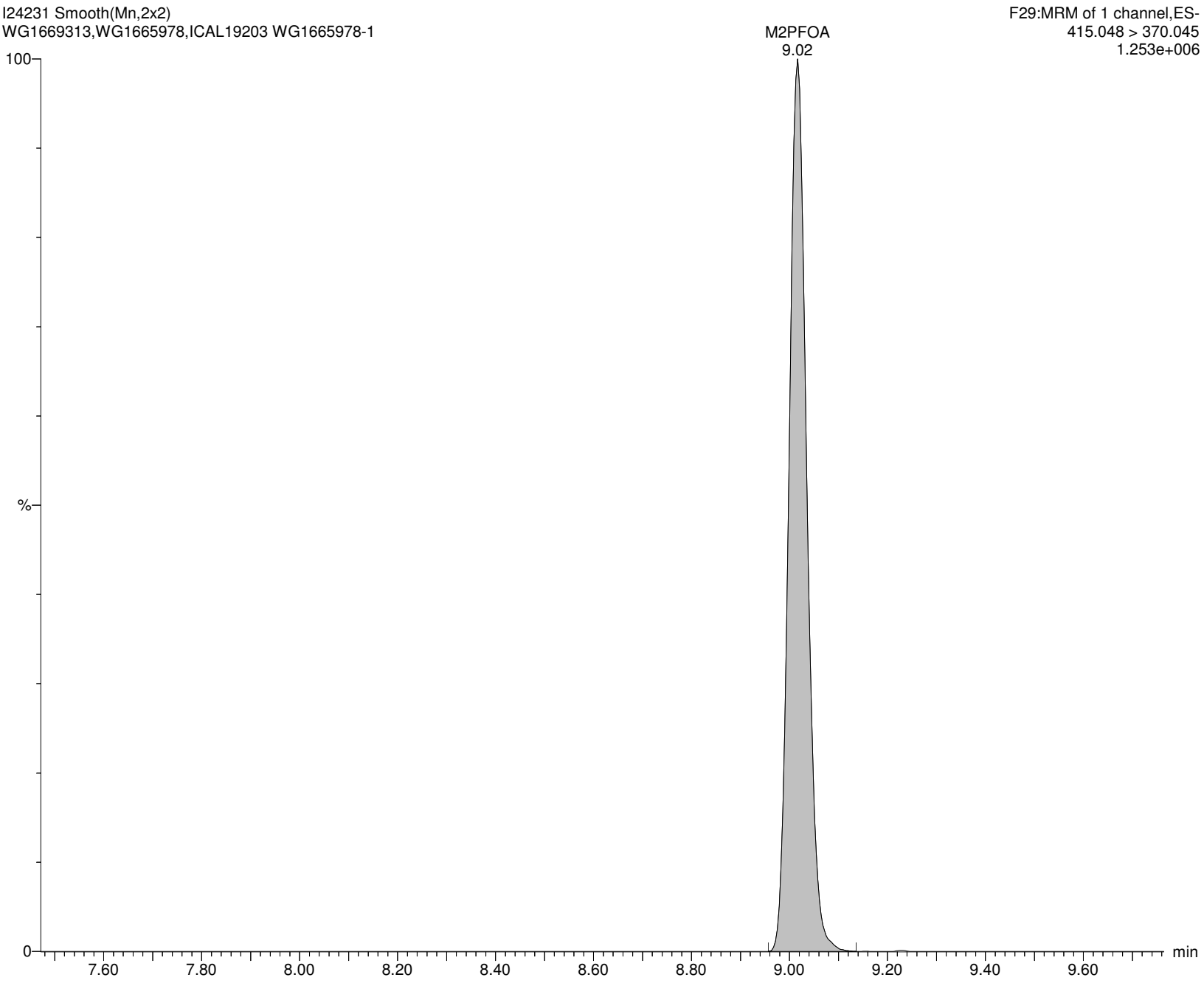


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:20 Eastern Daylight Time

Name: I24231
ID: WG1665978-1
Date: 31-Jul-2022
Time: 00:01:36
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2PFOA

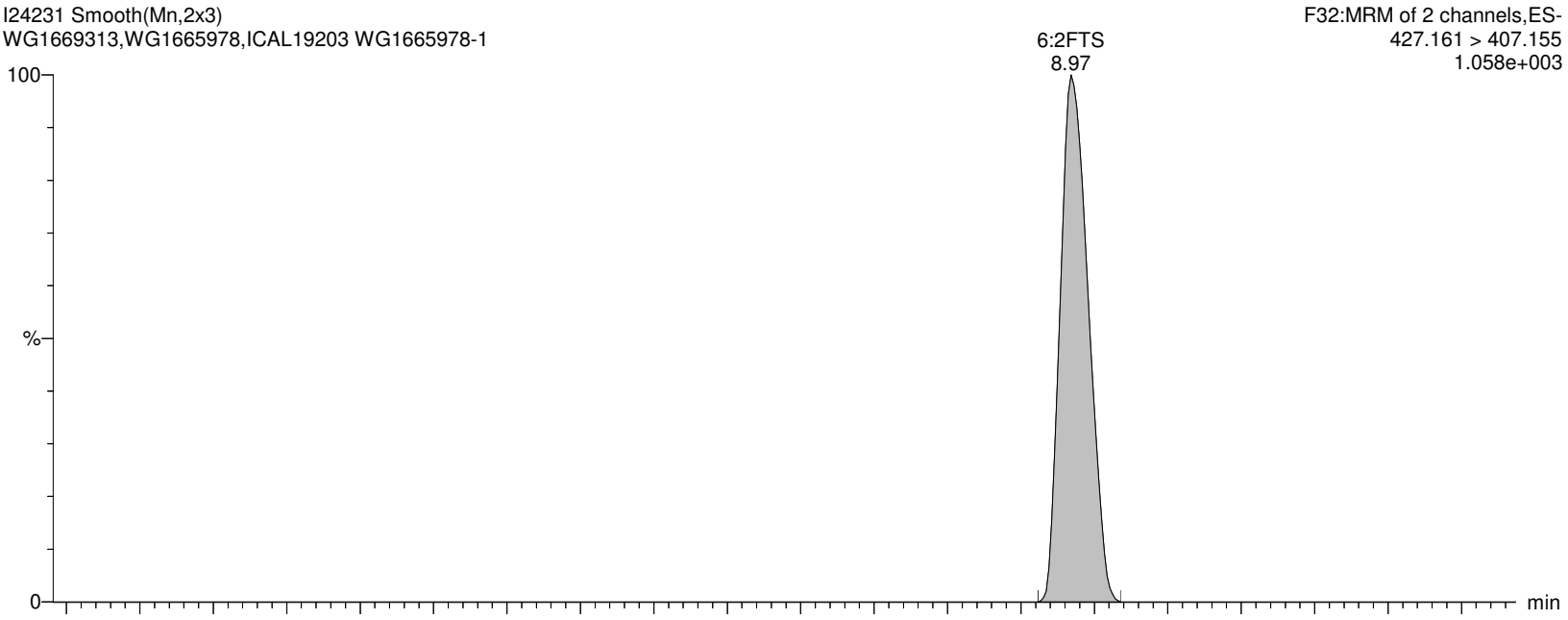


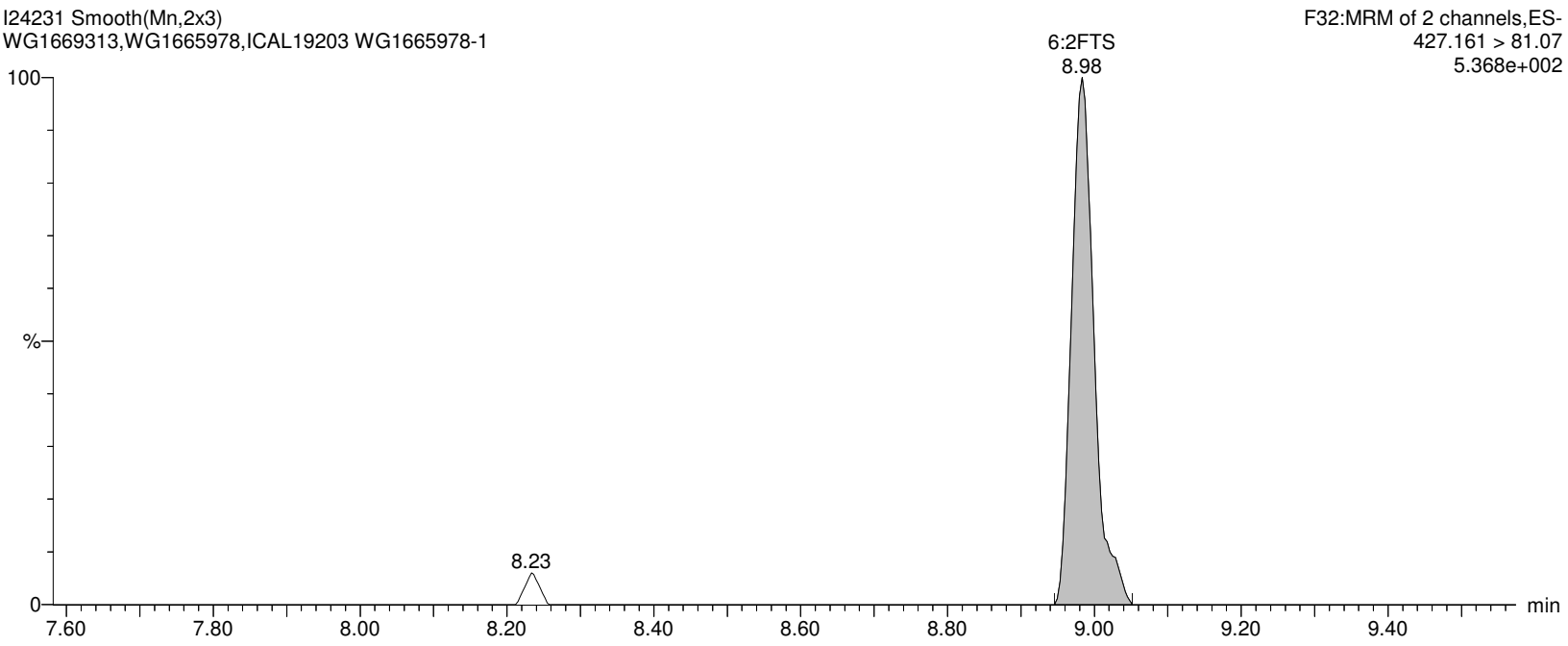
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:20 Eastern Daylight Time

Name: I24231
ID: WG1665978-1
Date: 31-Jul-2022
Time: 00:01:36
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

6:2FTS



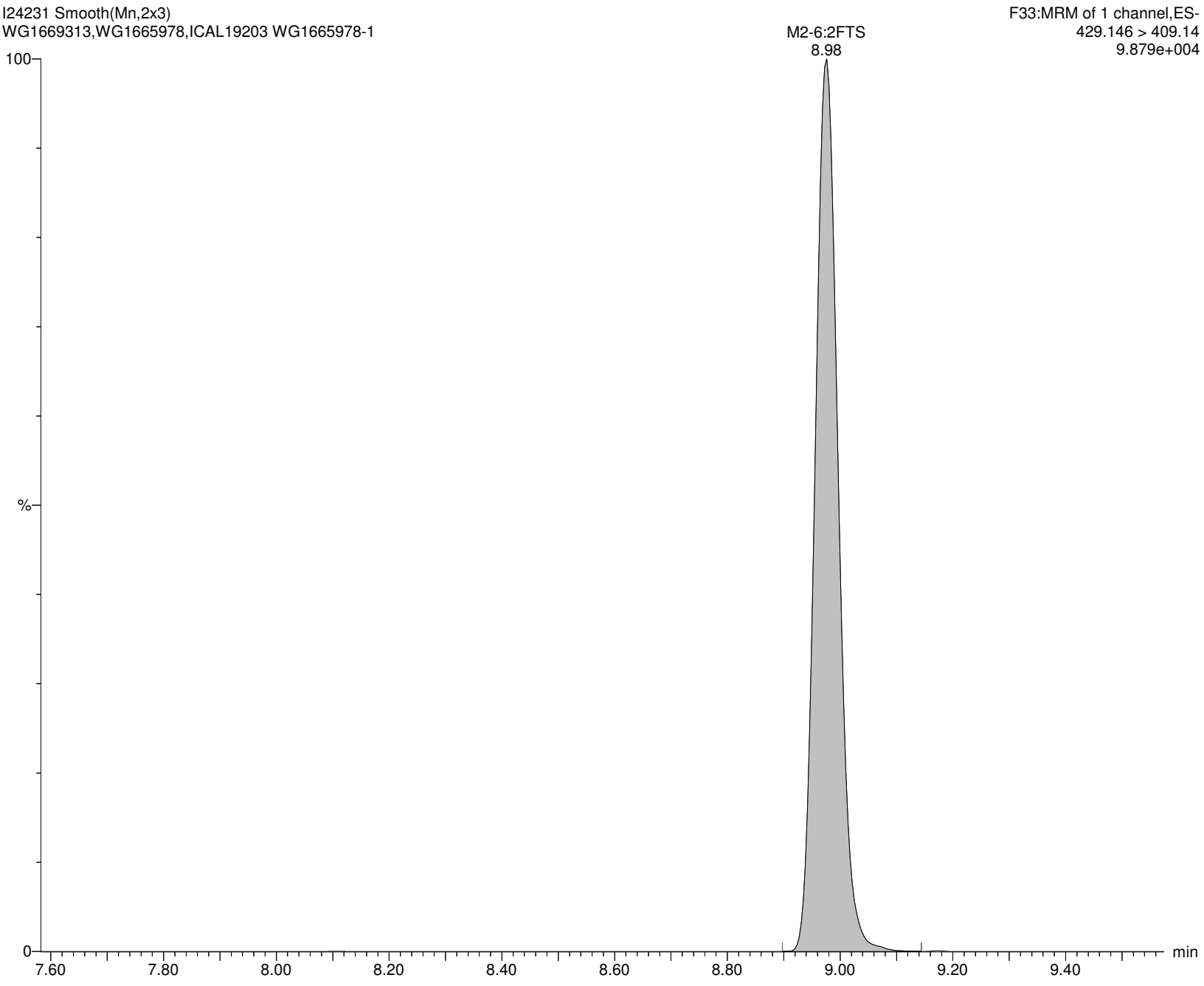


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:20 Eastern Daylight Time

Name: I24231
ID: WG1665978-1
Date: 31-Jul-2022
Time: 00:01:36
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2-6:2FTS

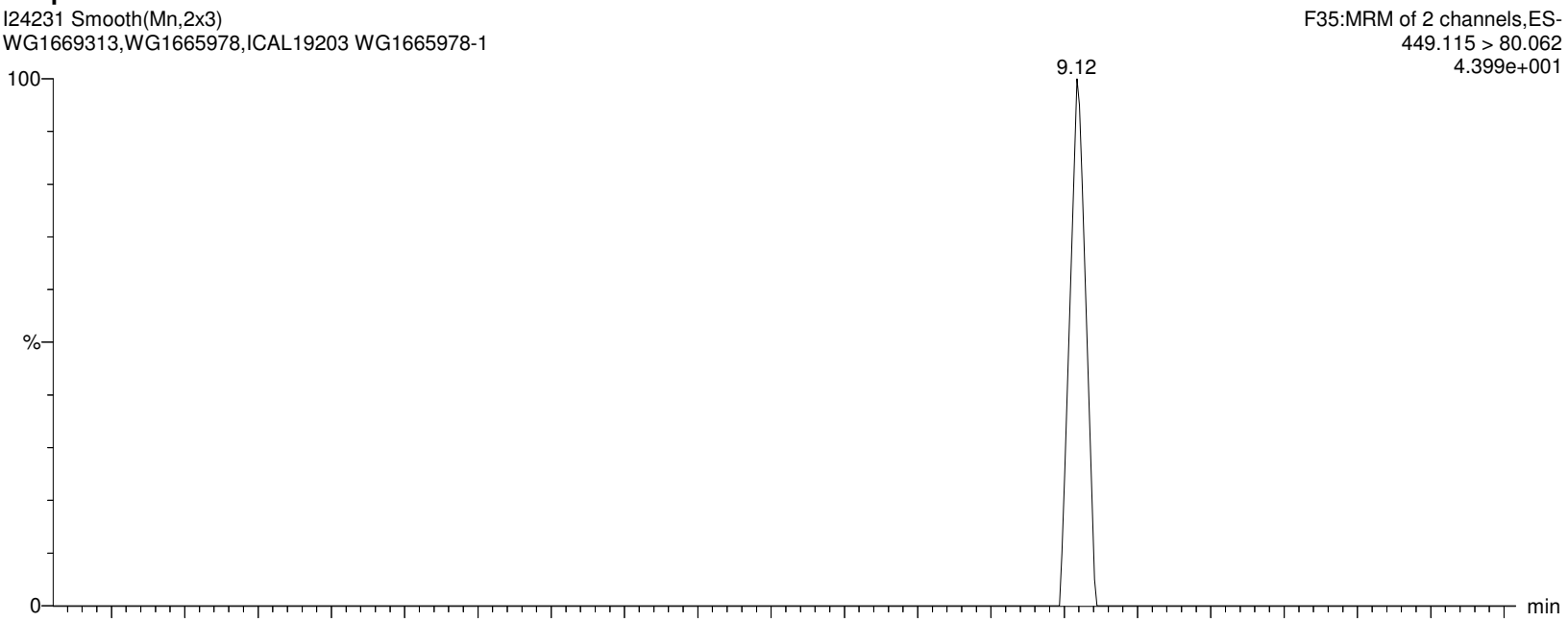


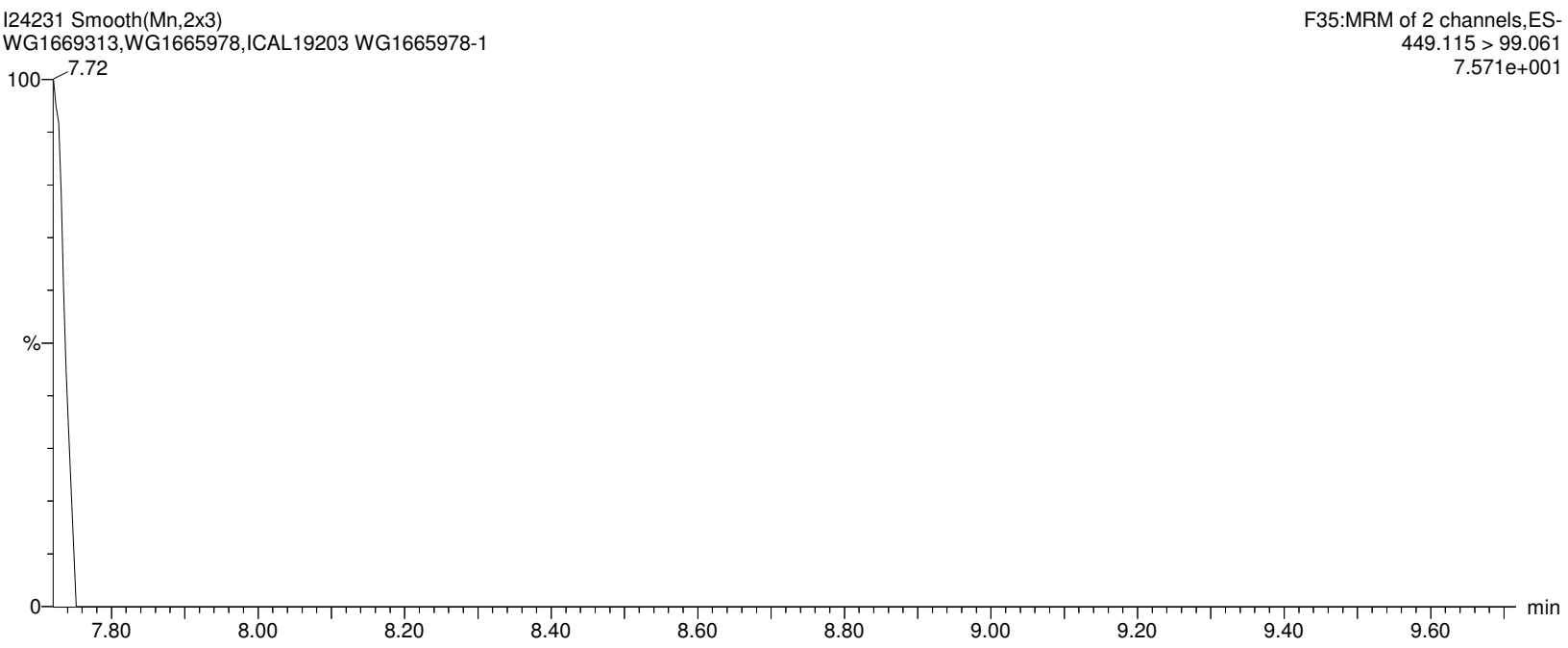
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:20 Eastern Daylight Time

Name: I24231
ID: WG1665978-1
Date: 31-Jul-2022
Time: 00:01:36
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFHpS



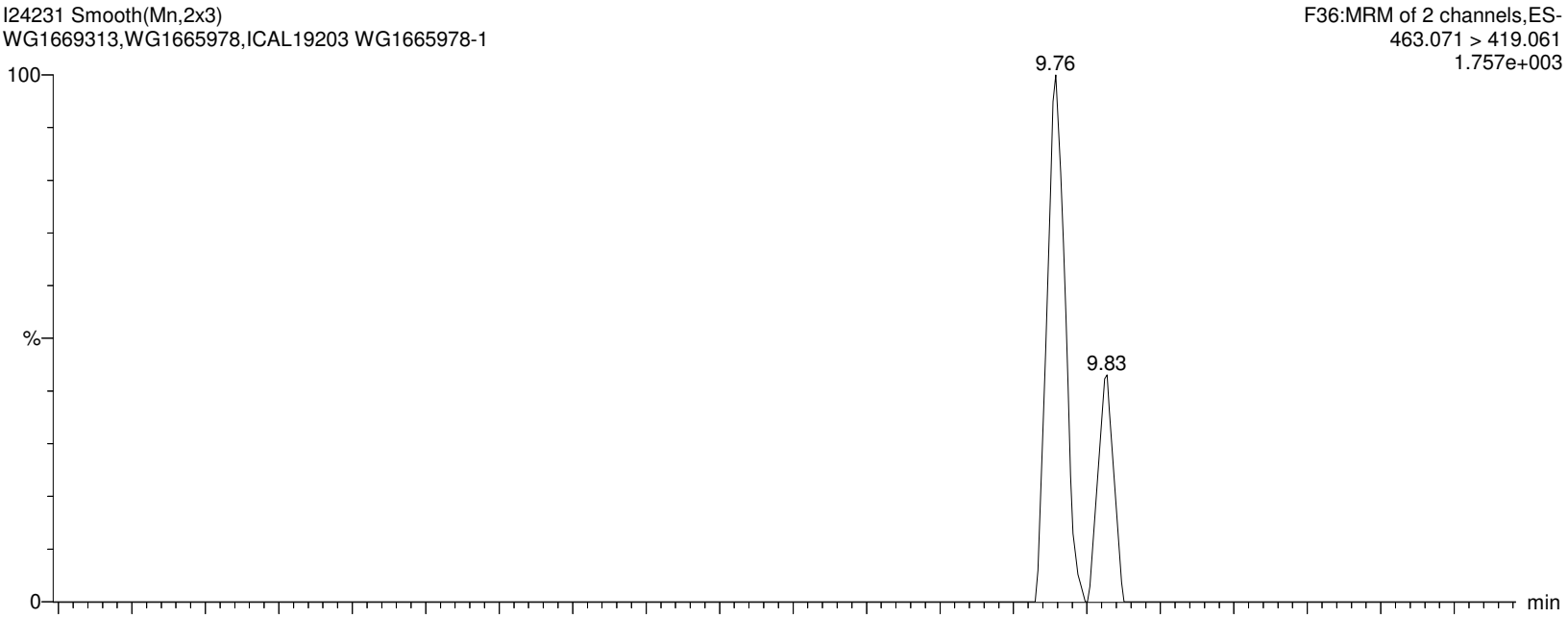


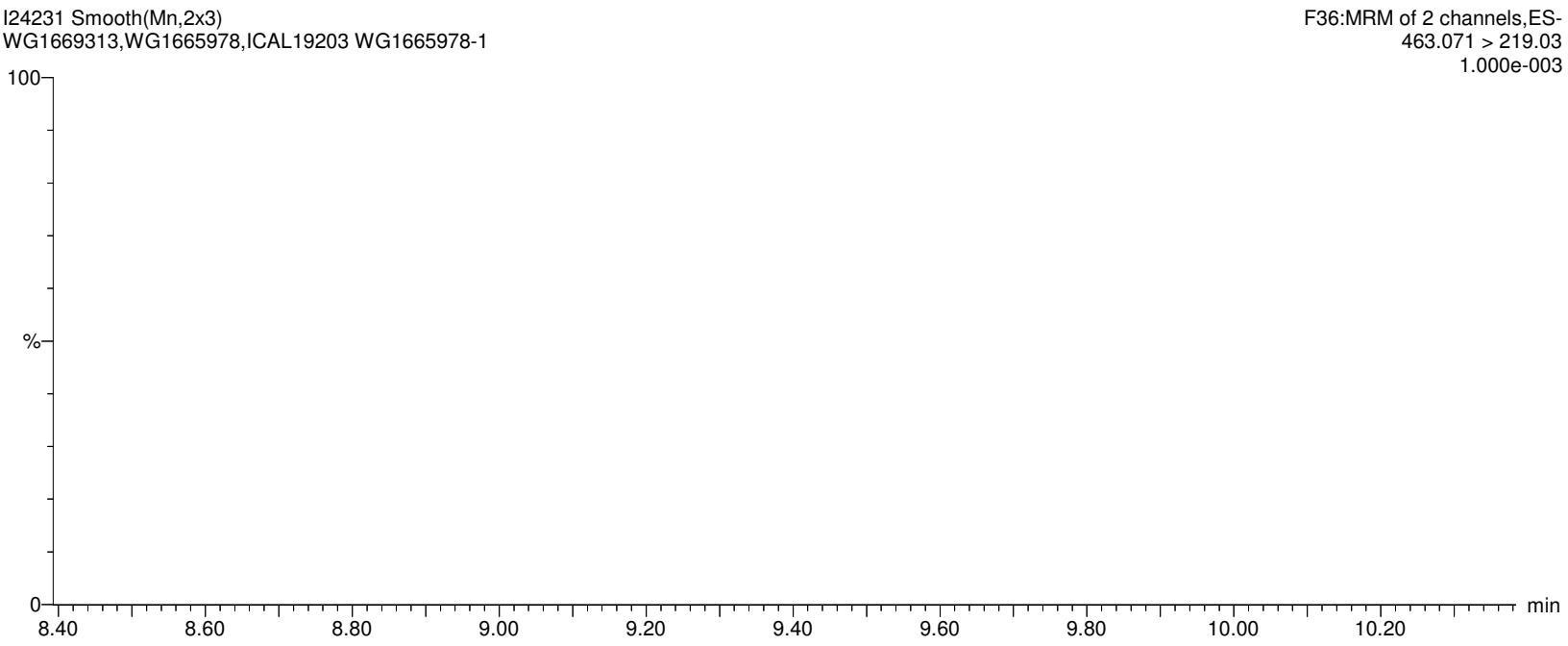
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:20 Eastern Daylight Time

Name: I24231
ID: WG1665978-1
Date: 31-Jul-2022
Time: 00:01:36
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFNA



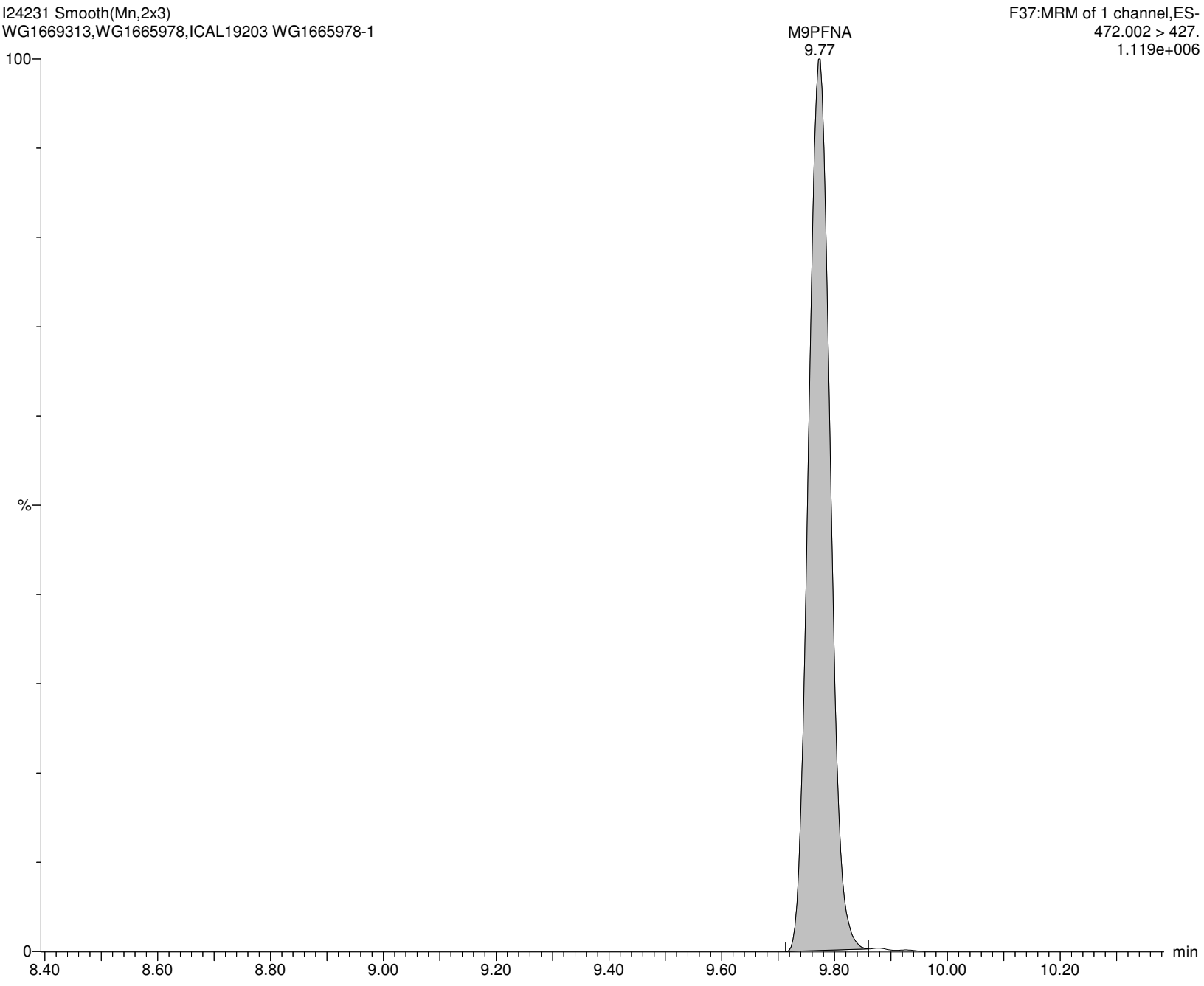


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:20 Eastern Daylight Time

Name: I24231
ID: WG1665978-1
Date: 31-Jul-2022
Time: 00:01:36
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M9PFNA

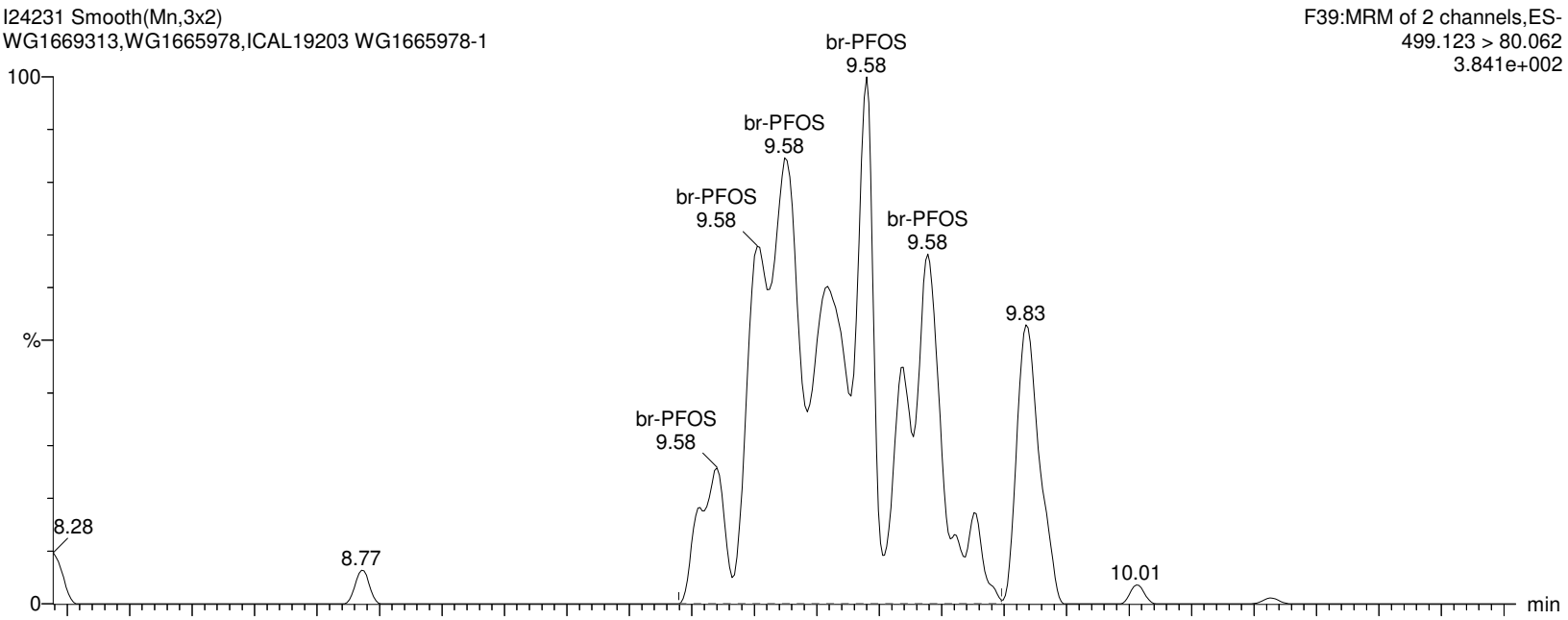


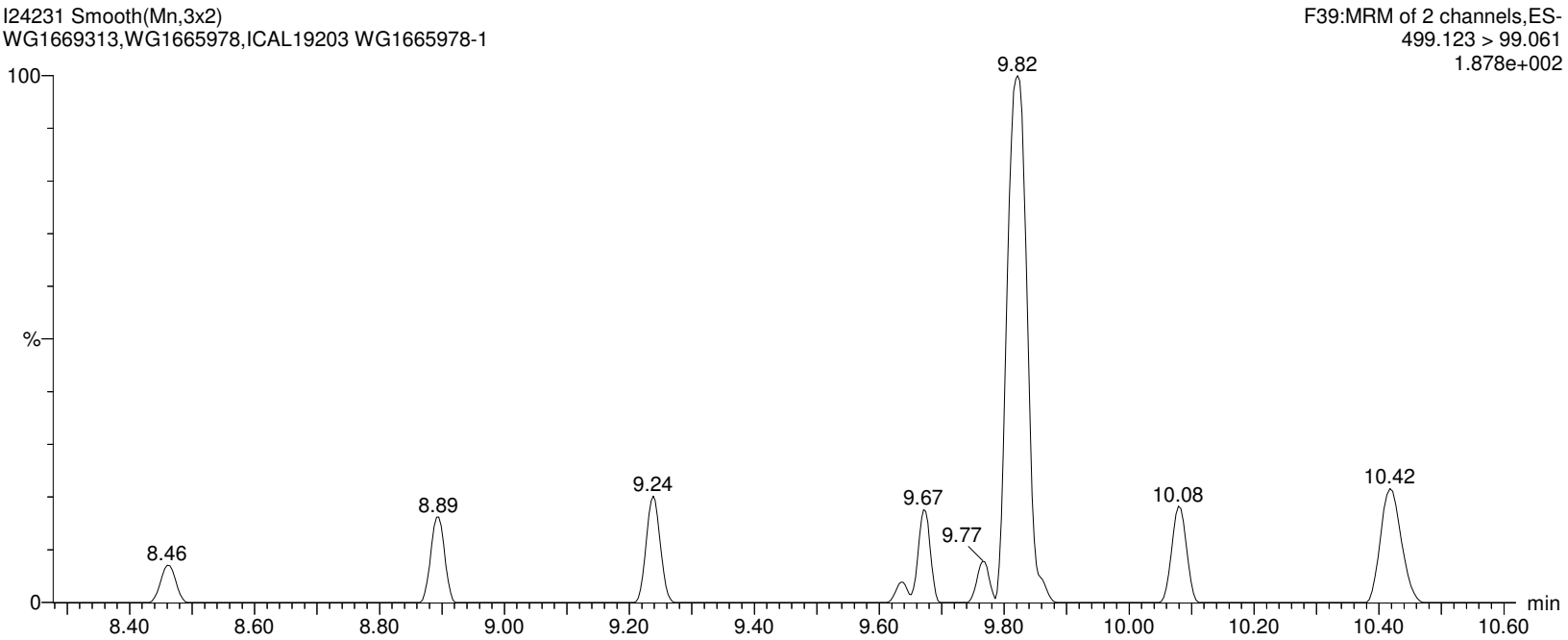
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:20 Eastern Daylight Time

Name: I24231
ID: WG1665978-1
Date: 31-Jul-2022
Time: 00:01:36
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

br-PFOS



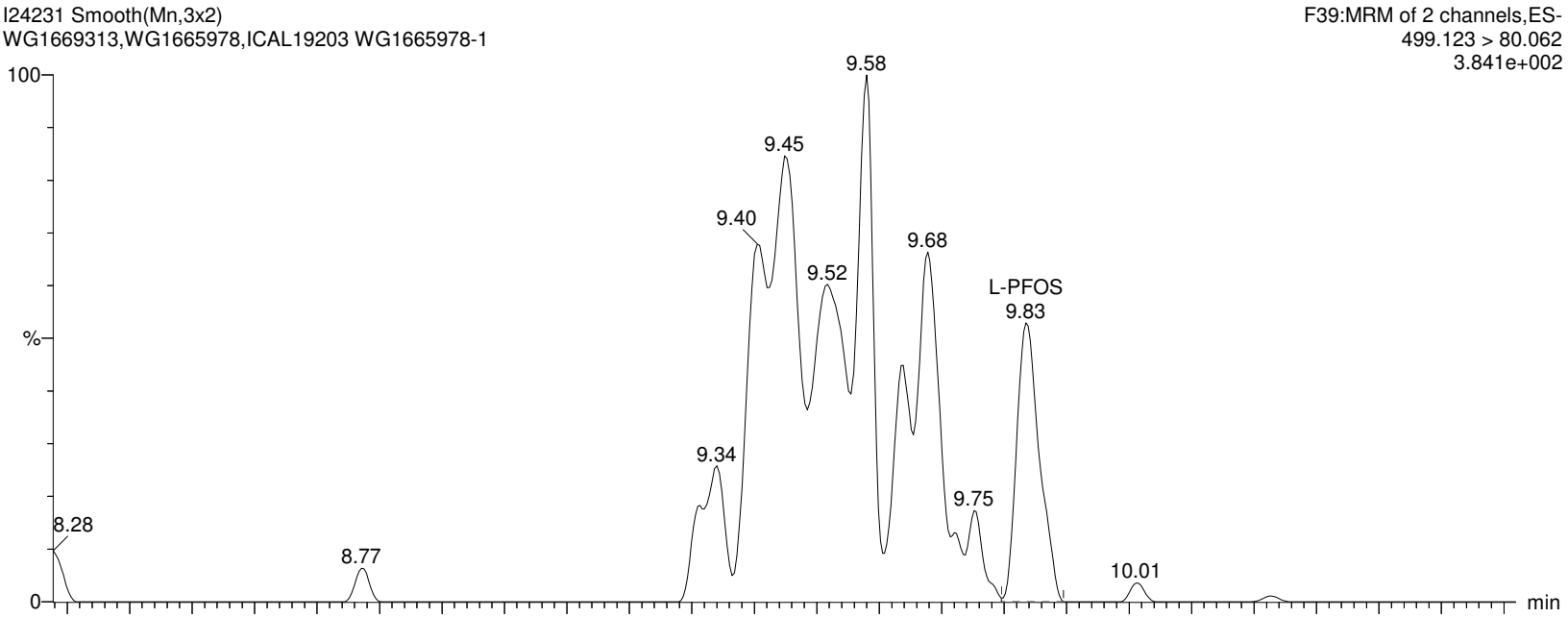


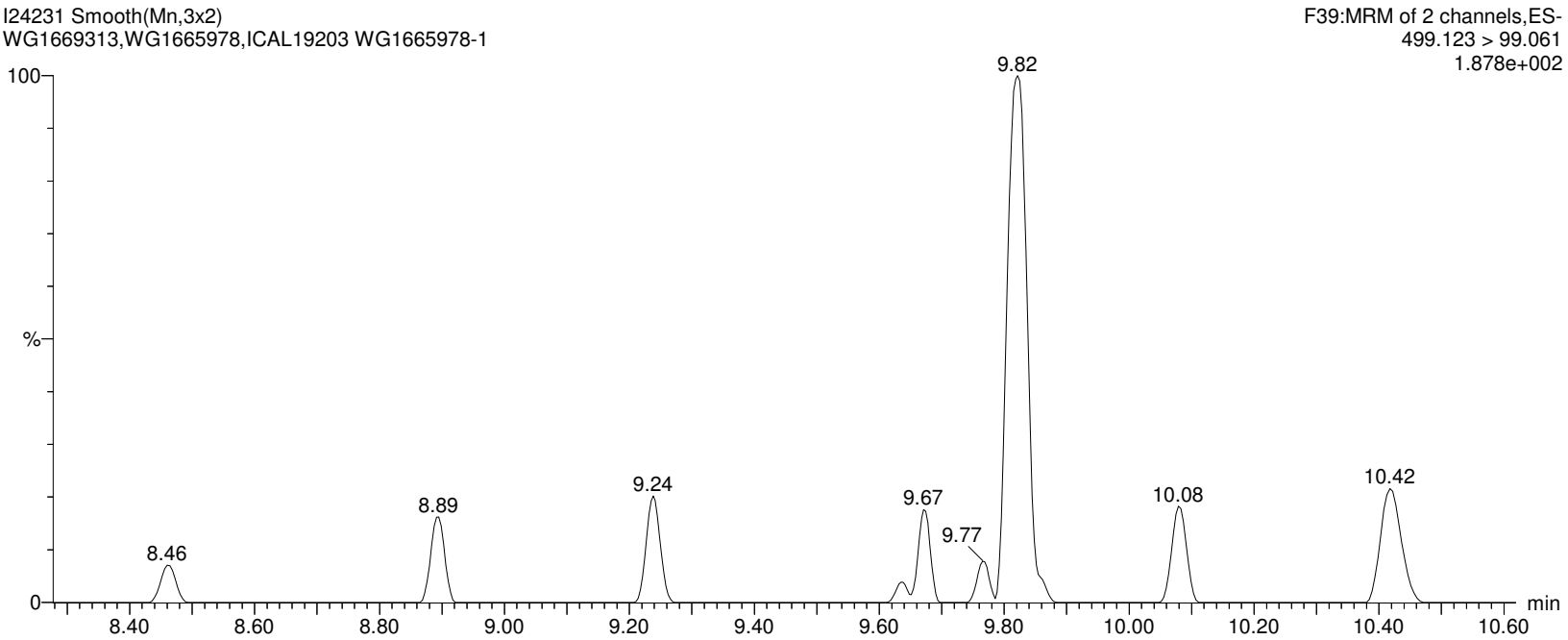
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:20 Eastern Daylight Time

Name: I24231
ID: WG1665978-1
Date: 31-Jul-2022
Time: 00:01:36
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

L-PFOS



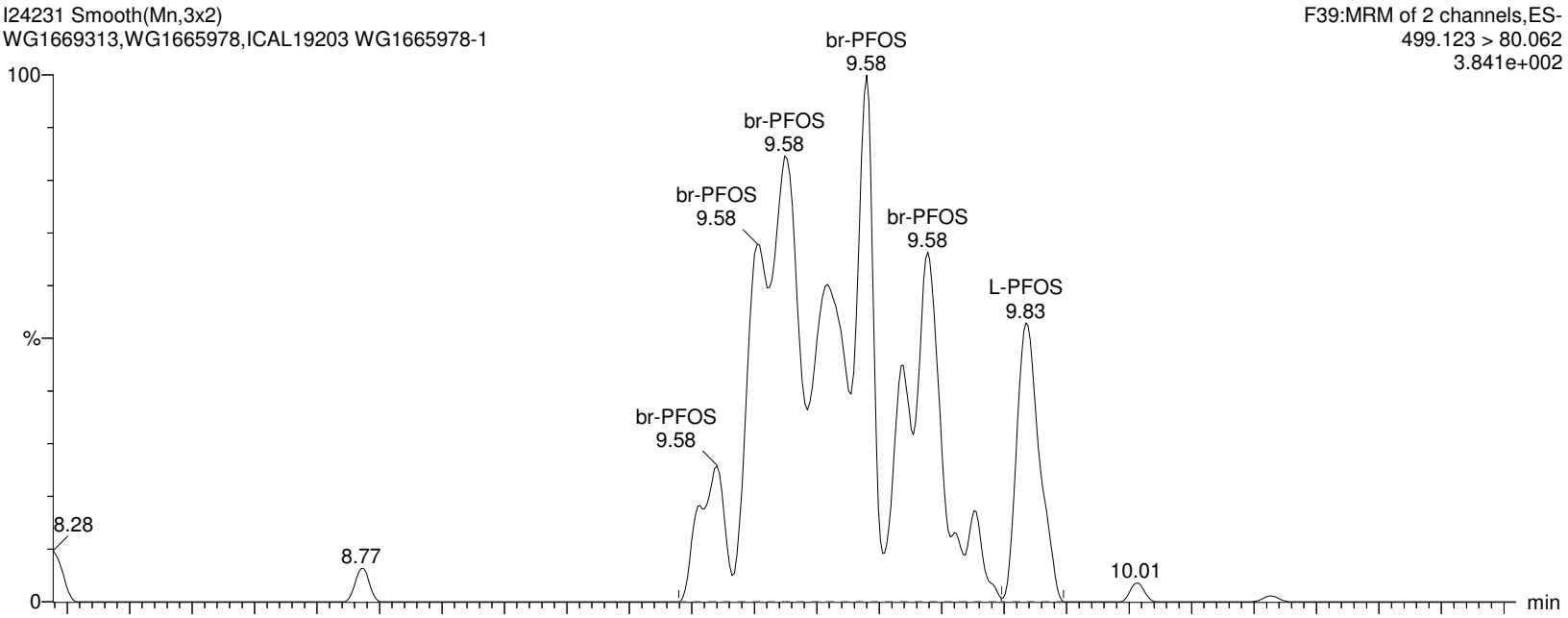


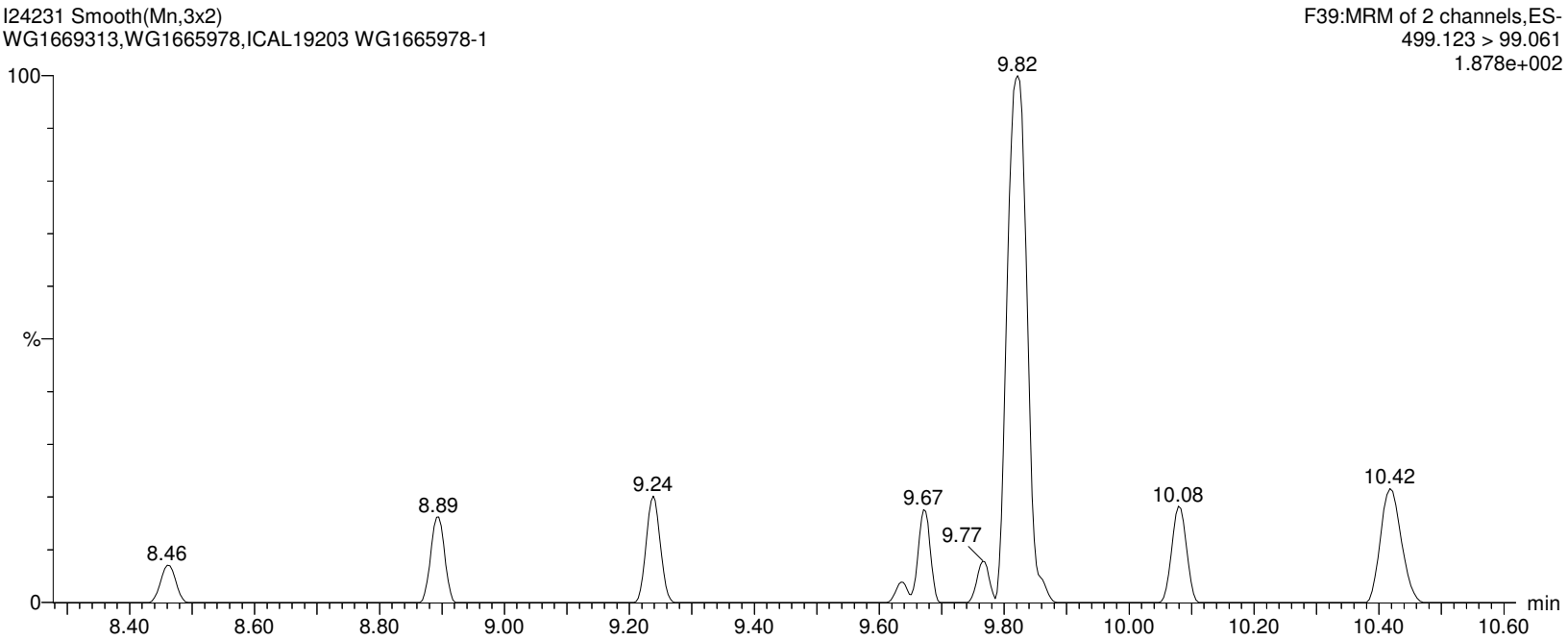
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:20 Eastern Daylight Time

Name: I24231
ID: WG1665978-1
Date: 31-Jul-2022
Time: 00:01:36
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFOS



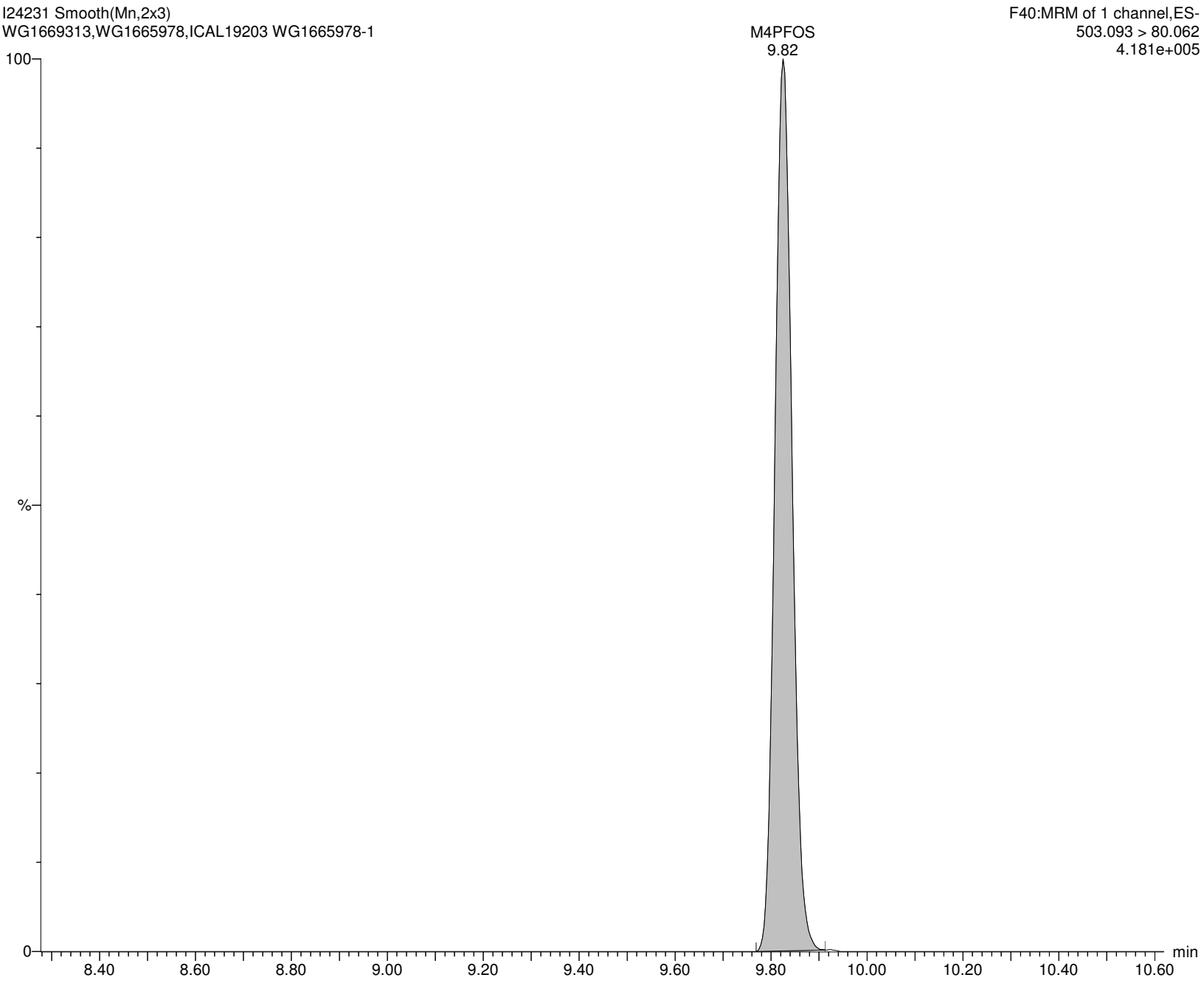


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:20 Eastern Daylight Time

Name: I24231
ID: WG1665978-1
Date: 31-Jul-2022
Time: 00:01:36
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M4PFOS

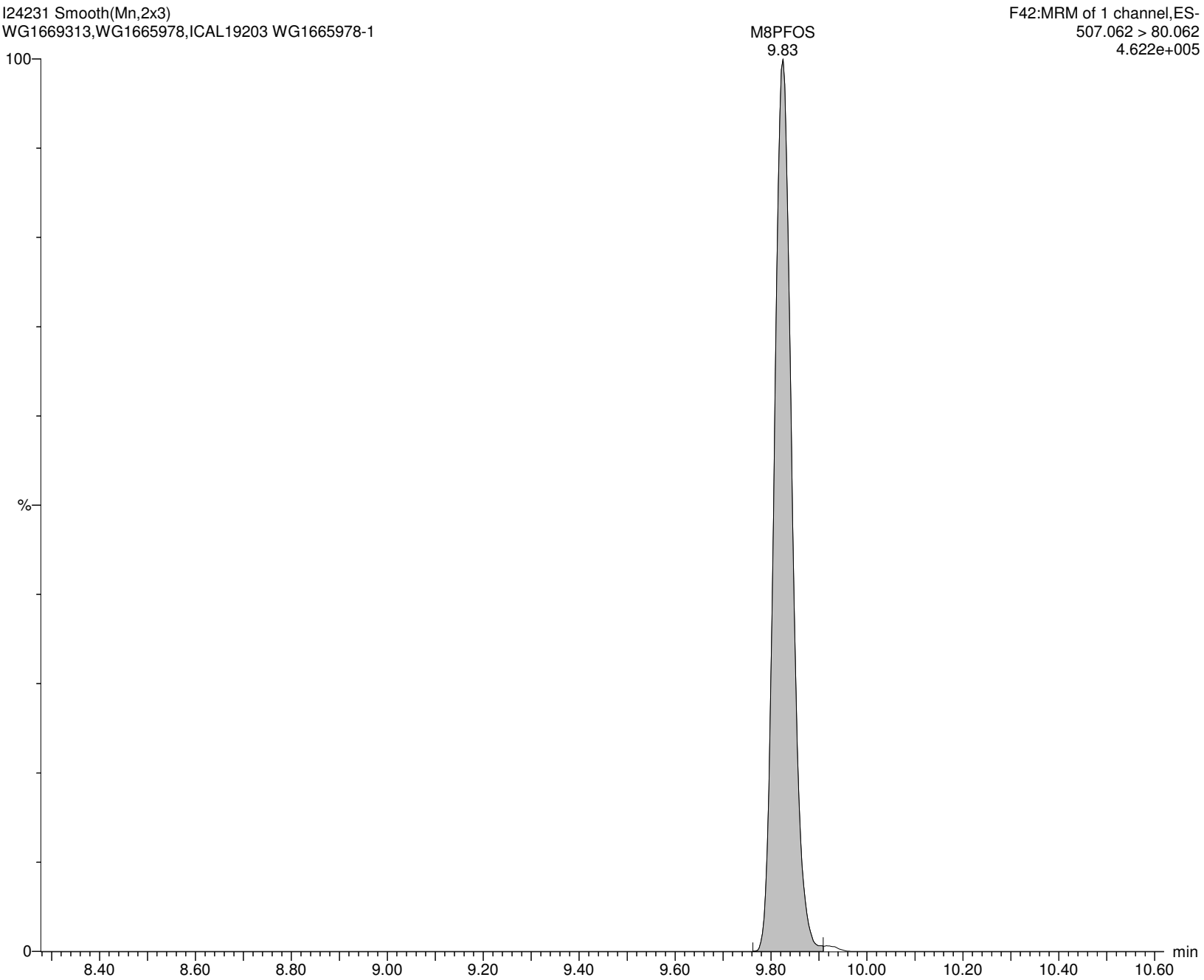


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:20 Eastern Daylight Time

Name: I24231
ID: WG1665978-1
Date: 31-Jul-2022
Time: 00:01:36
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M8PFOS

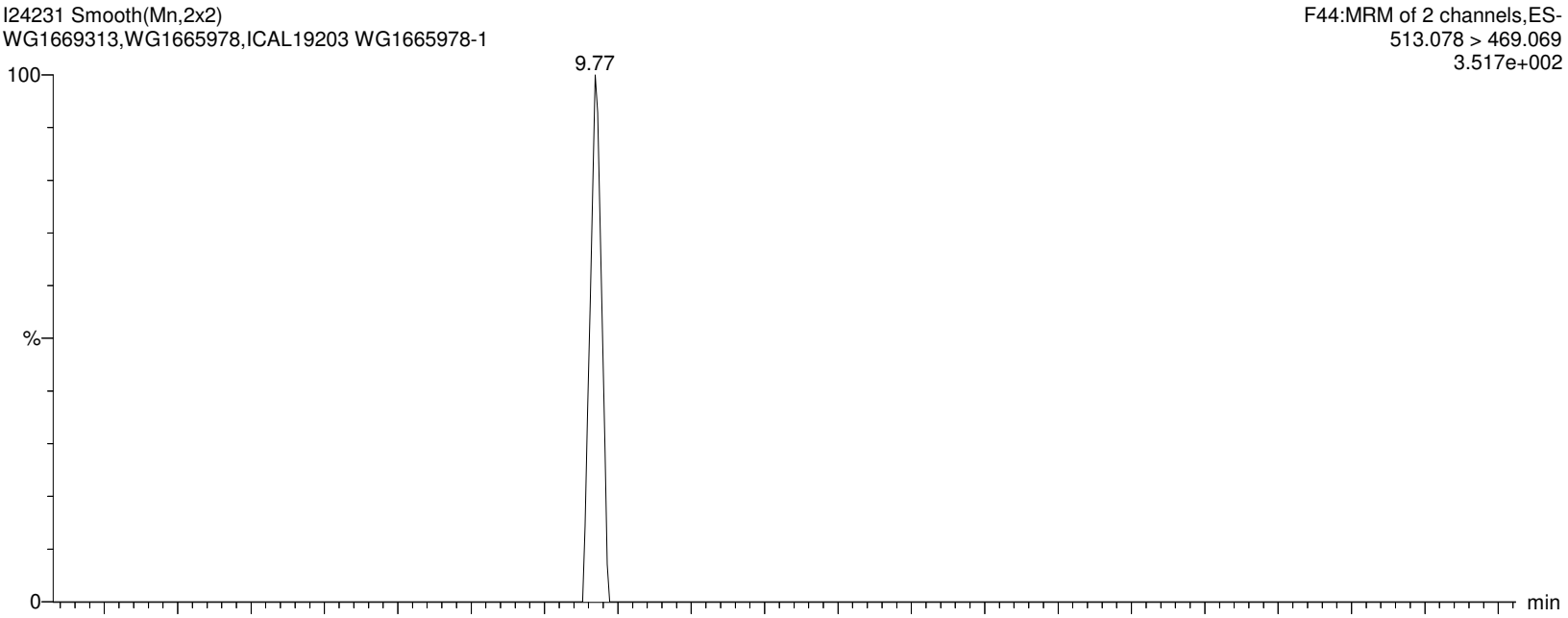


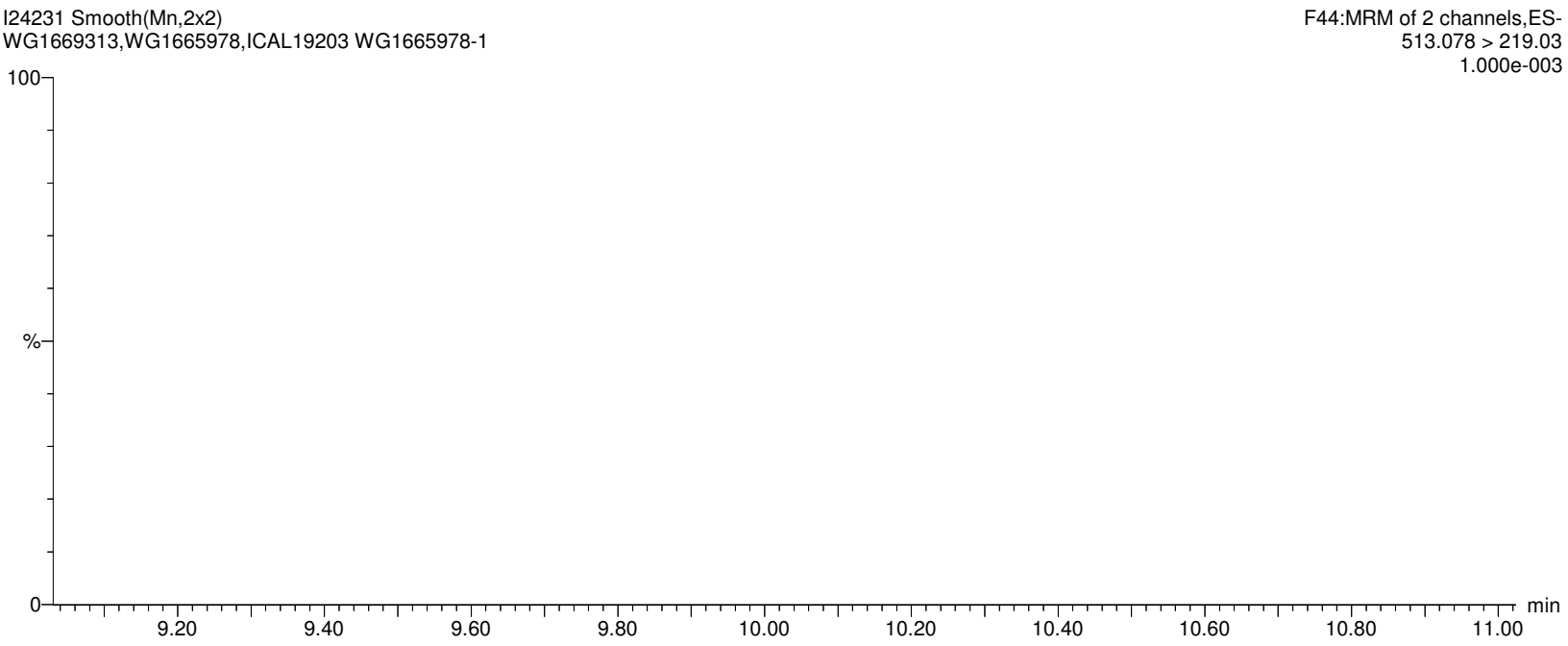
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:20 Eastern Daylight Time

Name: I24231
ID: WG1665978-1
Date: 31-Jul-2022
Time: 00:01:36
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFDA



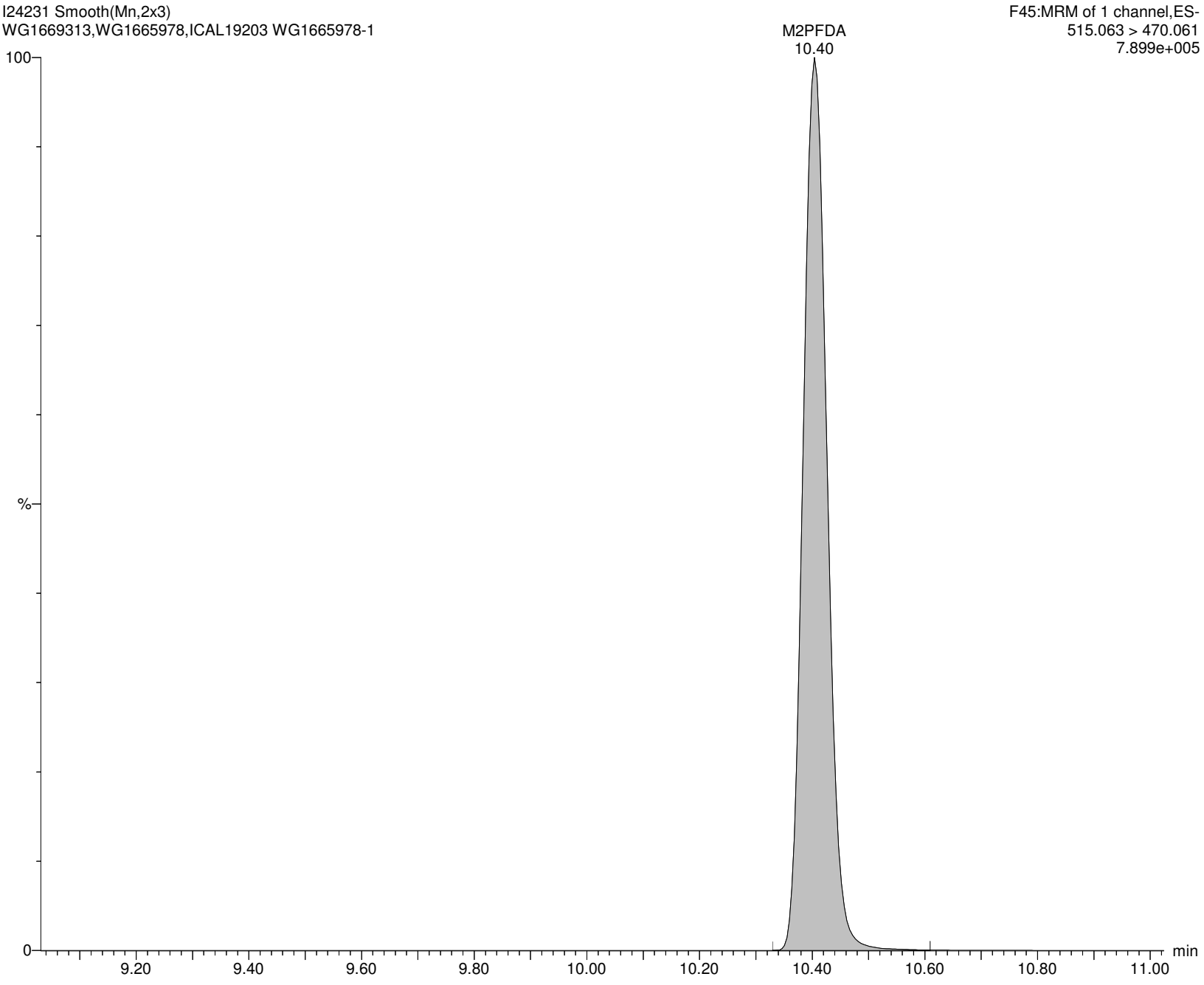


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:20 Eastern Daylight Time

Name: I24231
ID: WG1665978-1
Date: 31-Jul-2022
Time: 00:01:36
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2PFDA

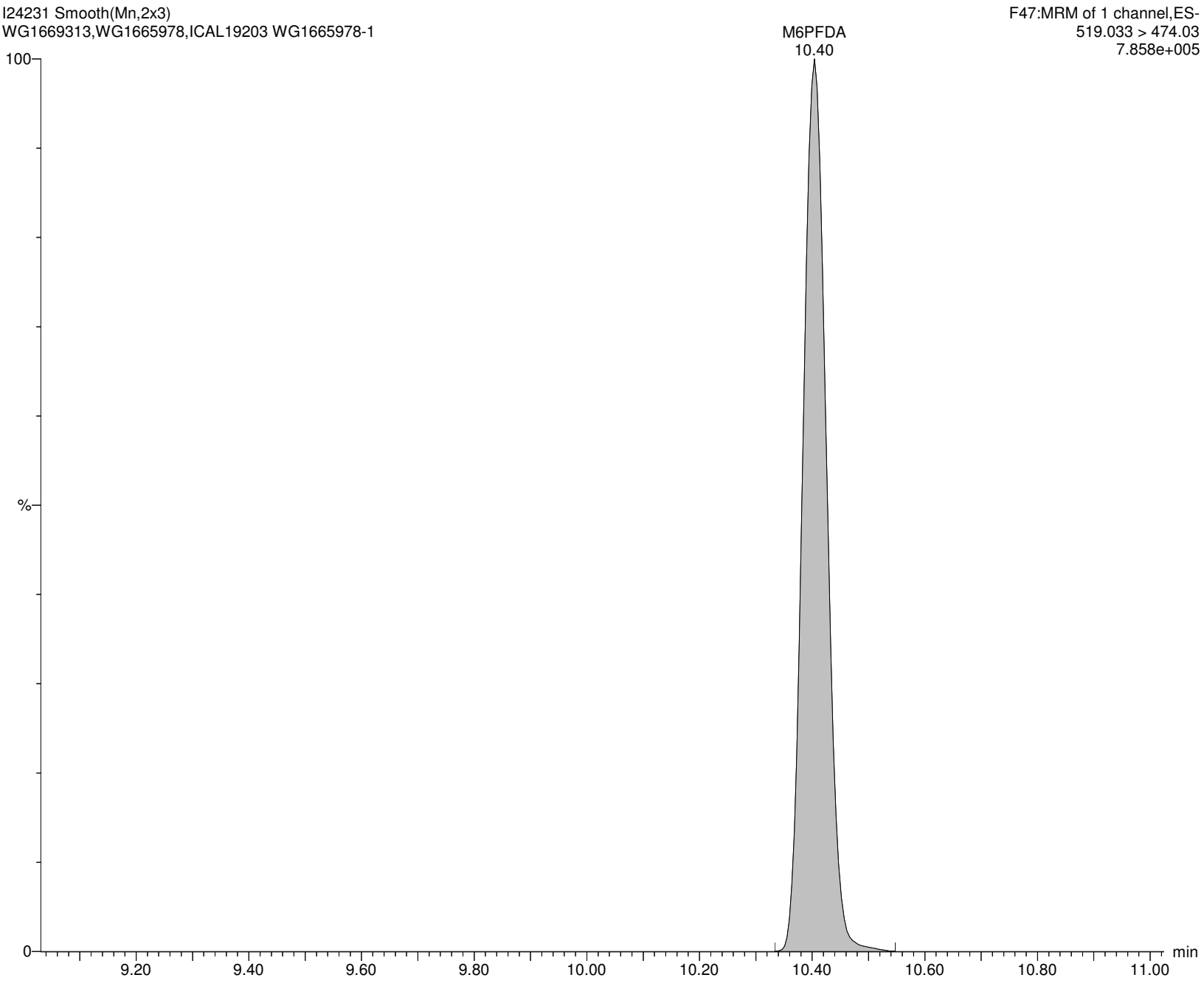


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:20 Eastern Daylight Time

Name: I24231
ID: WG1665978-1
Date: 31-Jul-2022
Time: 00:01:36
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M6PFDA

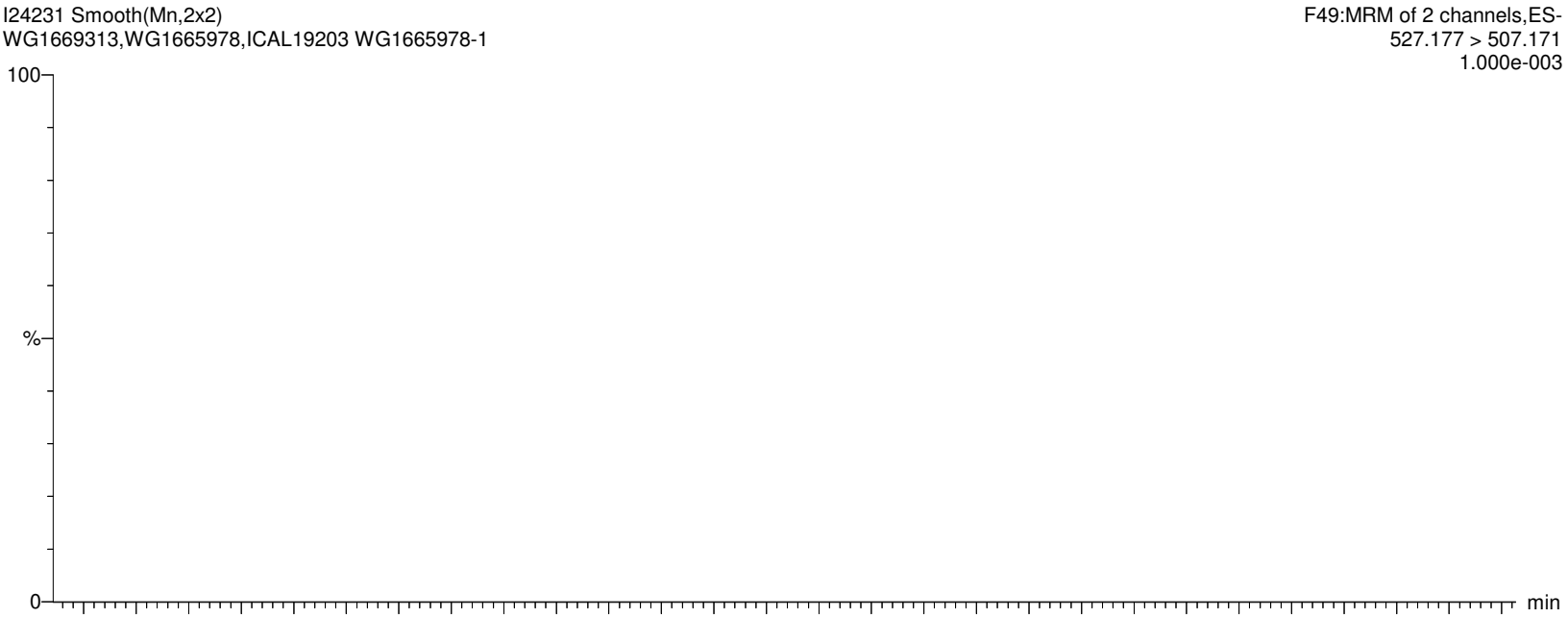


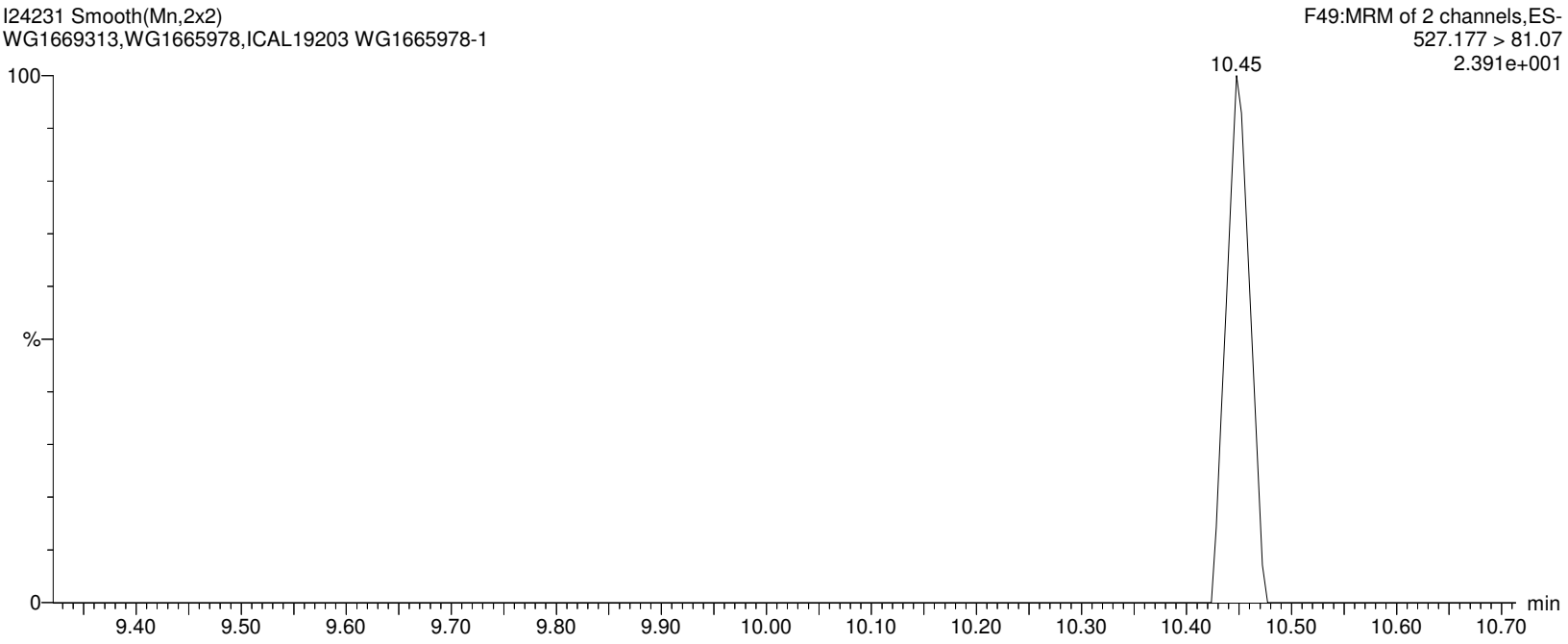
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:20 Eastern Daylight Time

Name: I24231
ID: WG1665978-1
Date: 31-Jul-2022
Time: 00:01:36
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

8:2FTS



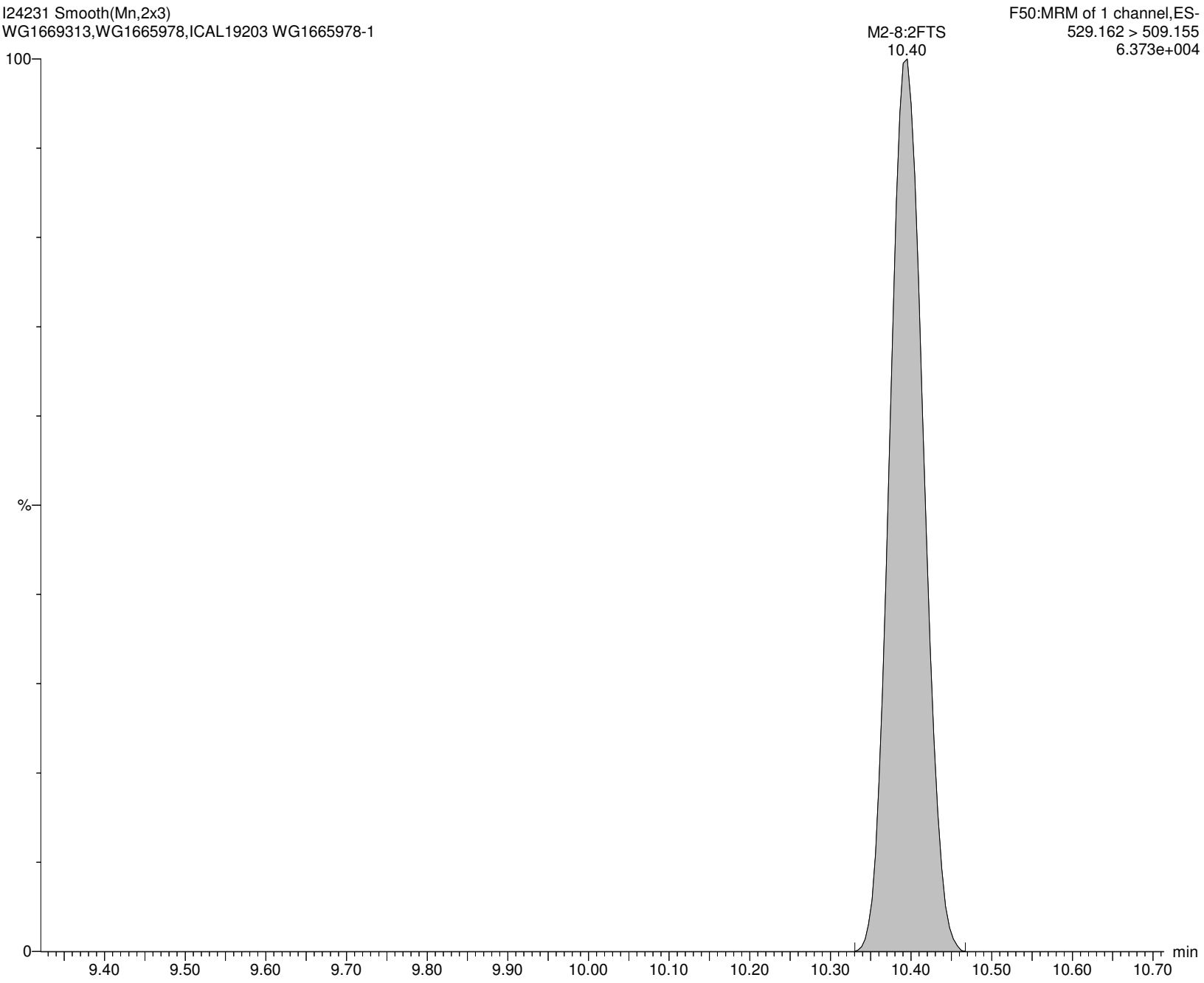


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:20 Eastern Daylight Time

Name: I24231
ID: WG1665978-1
Date: 31-Jul-2022
Time: 00:01:36
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2-8:2FTS

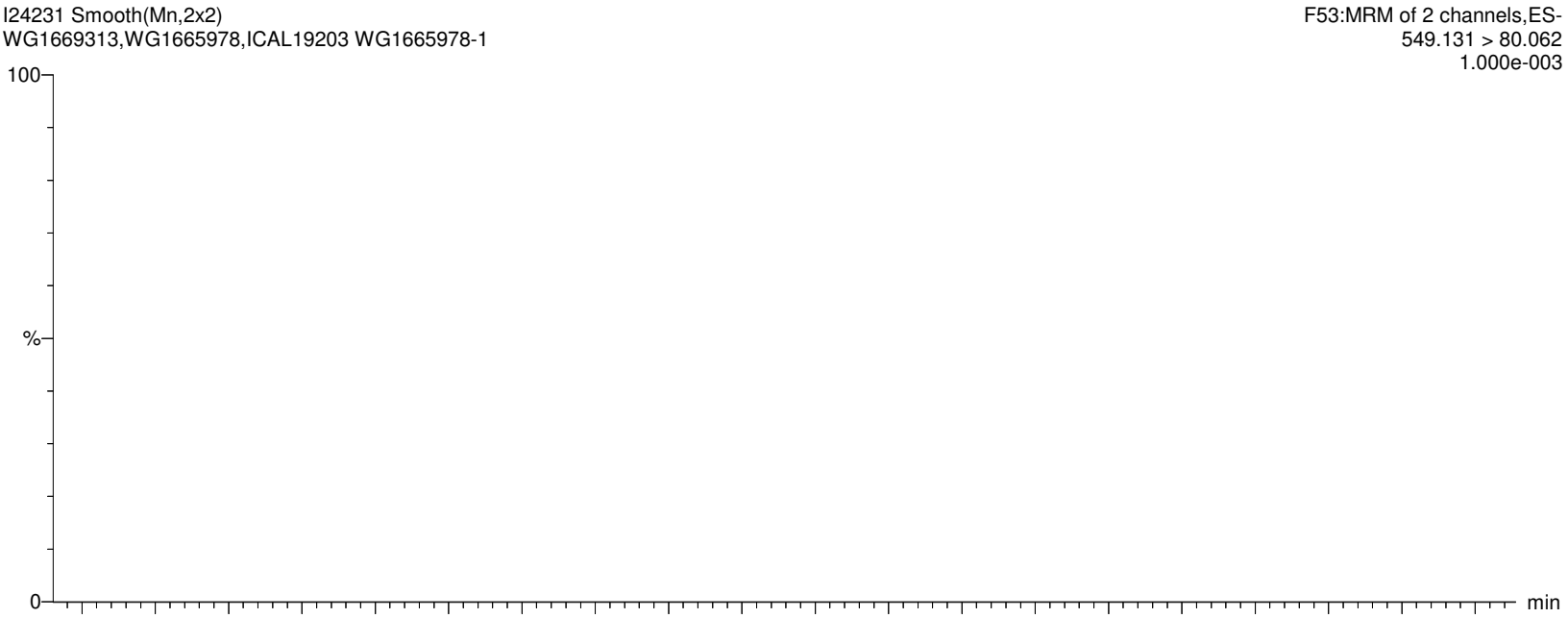


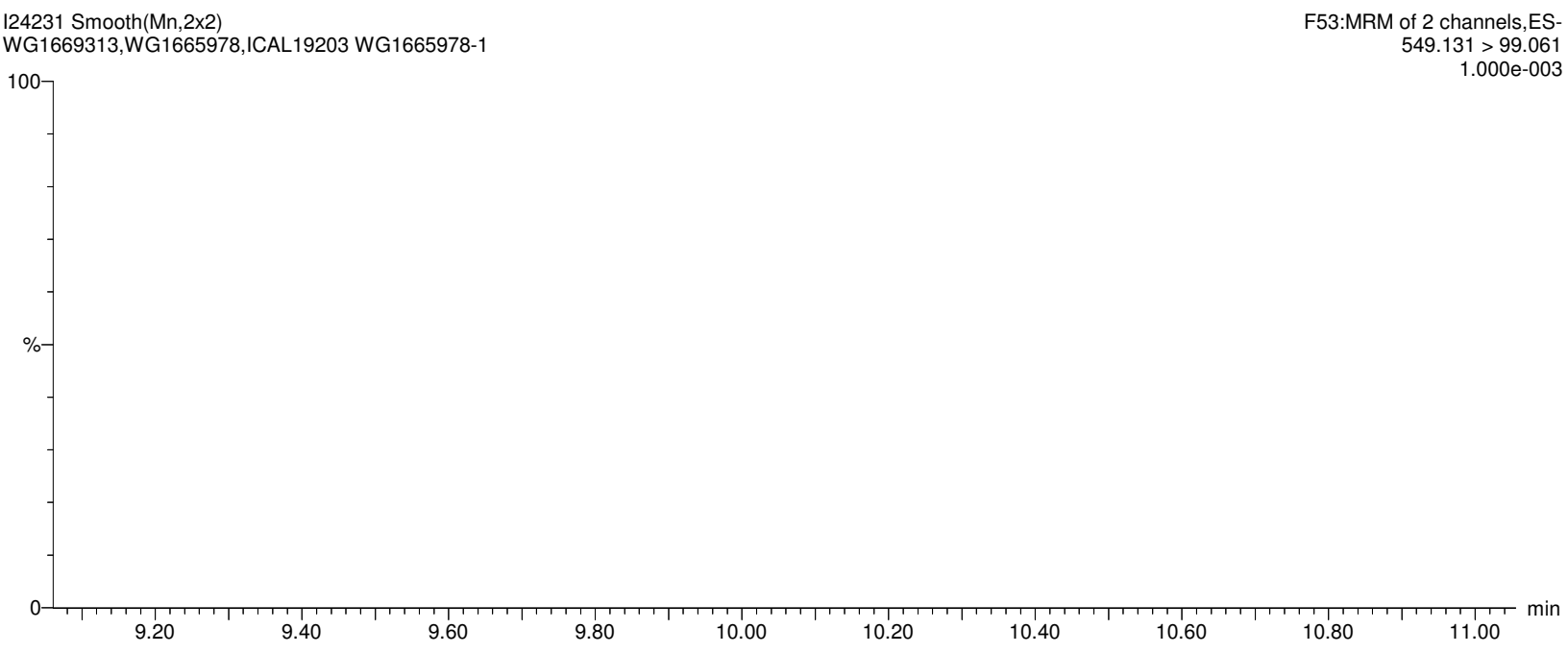
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:20 Eastern Daylight Time

Name: I24231
ID: WG1665978-1
Date: 31-Jul-2022
Time: 00:01:36
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFNS



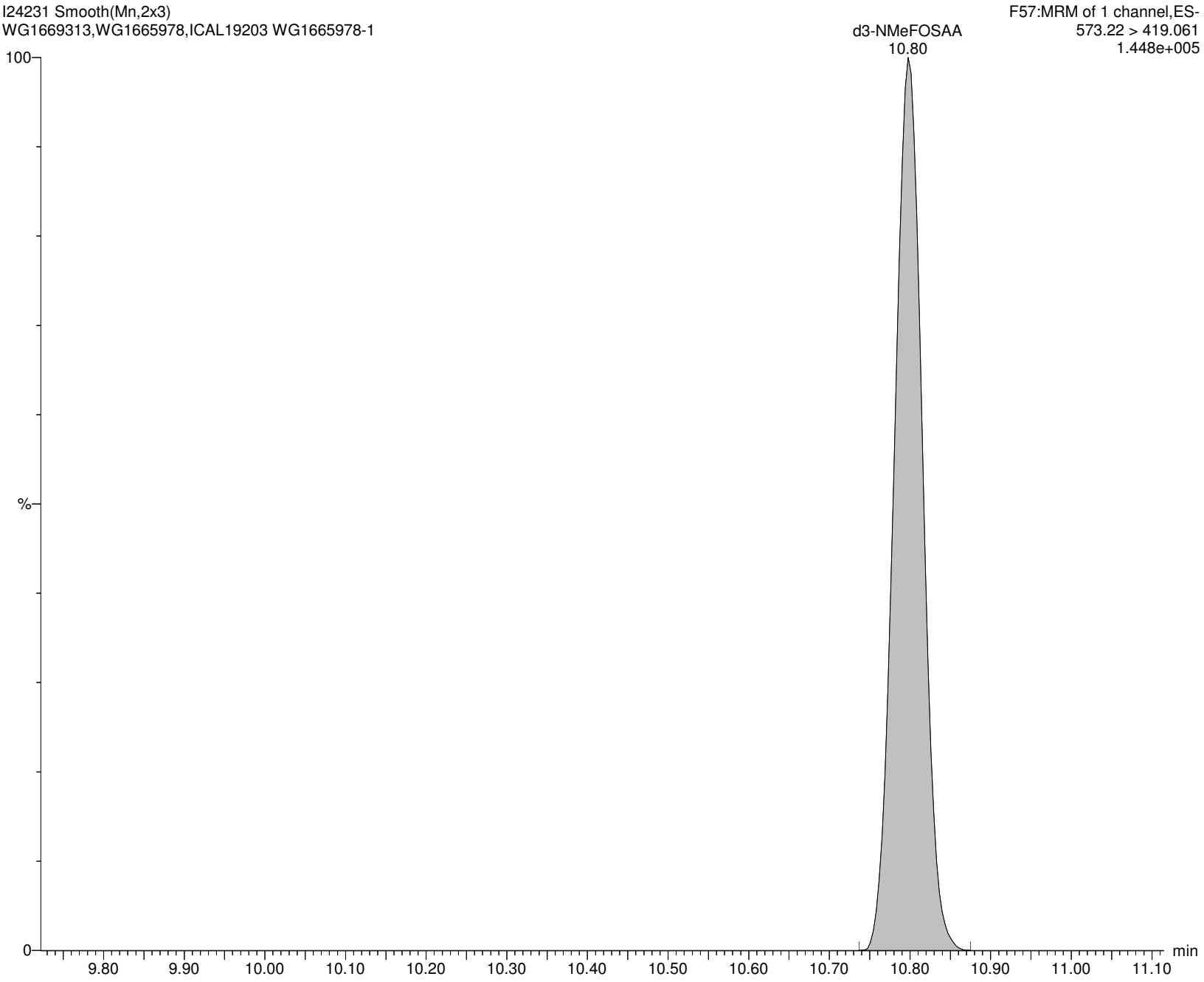


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:20 Eastern Daylight Time

Name: I24231
ID: WG1665978-1
Date: 31-Jul-2022
Time: 00:01:36
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

d3-NMeFOSAA

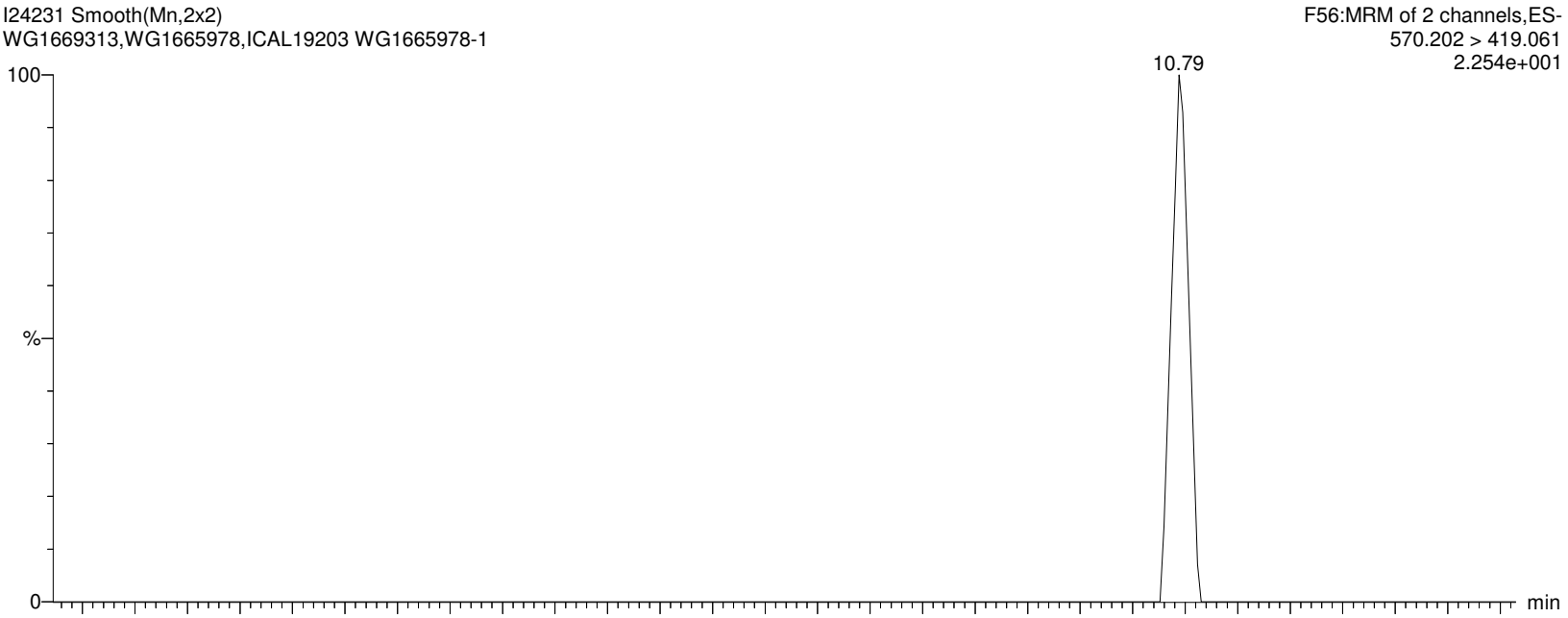


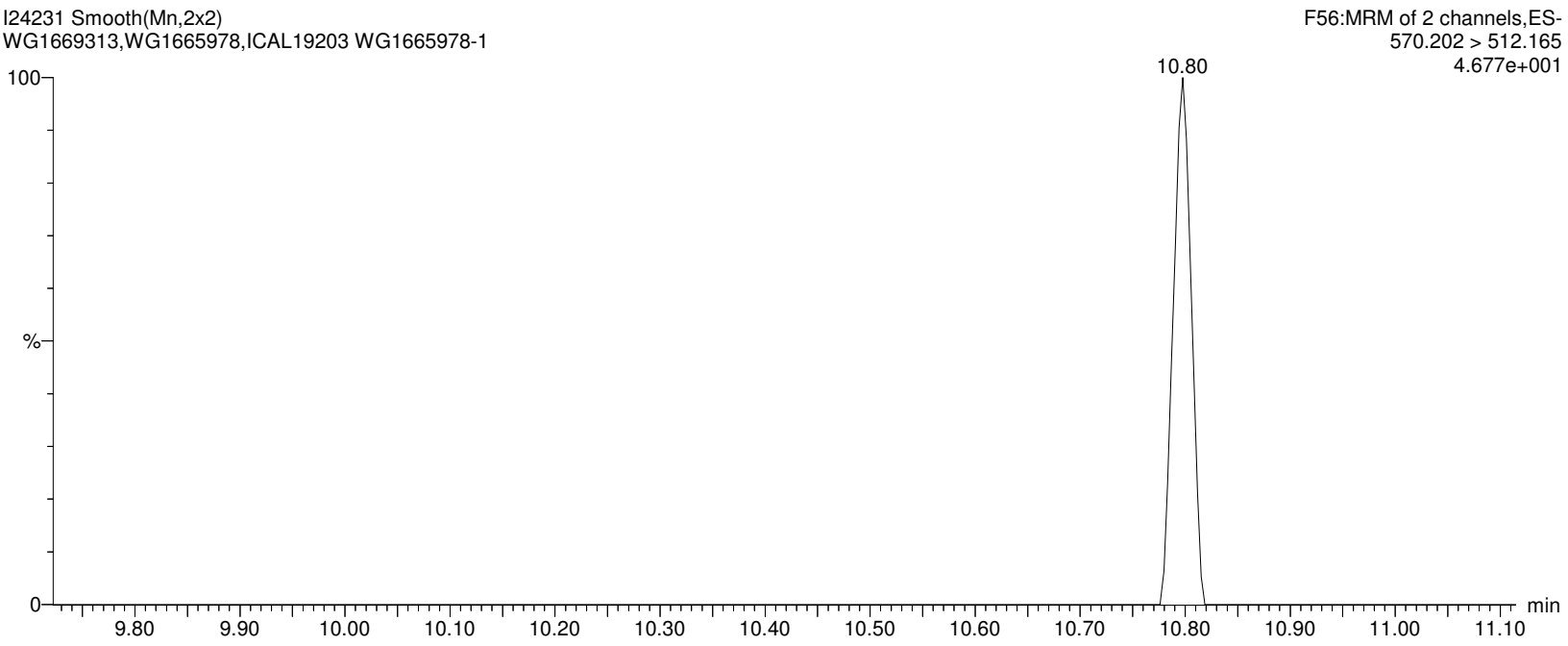
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:20 Eastern Daylight Time

Name: I24231
ID: WG1665978-1
Date: 31-Jul-2022
Time: 00:01:36
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

br-NMeFOSAA



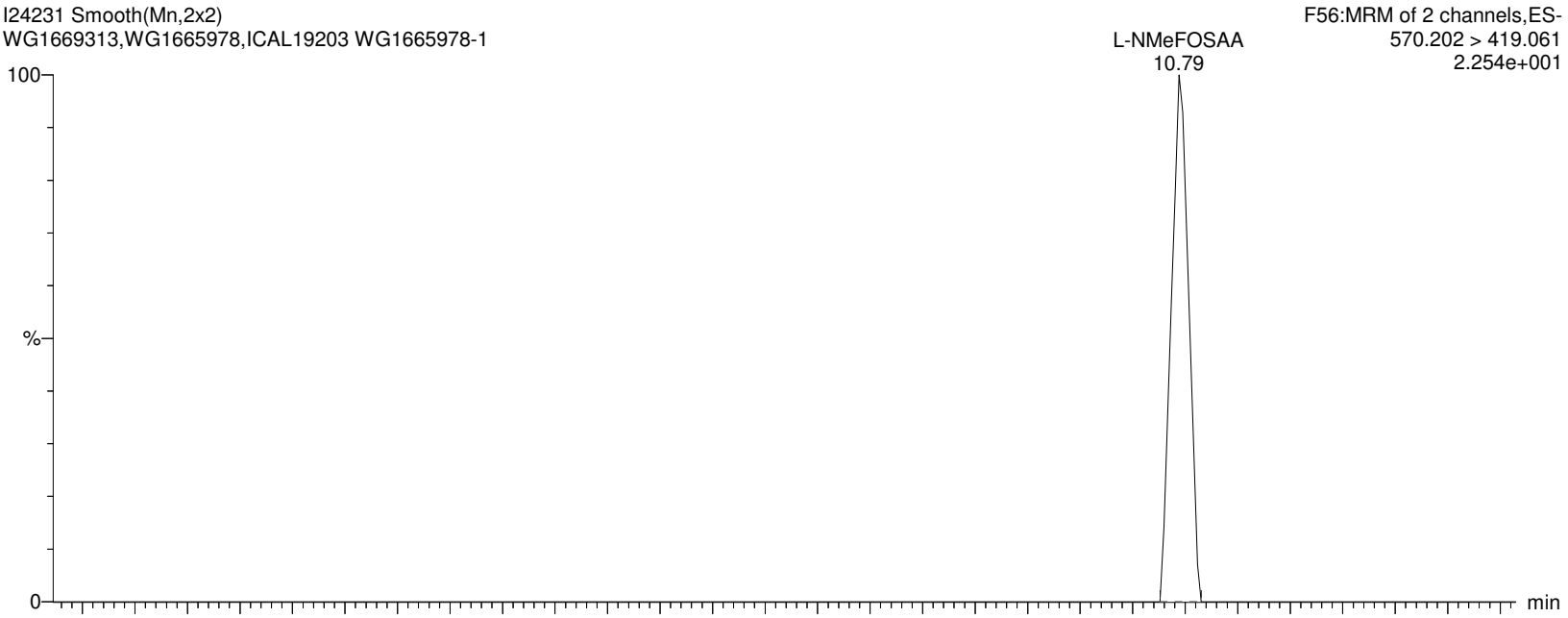


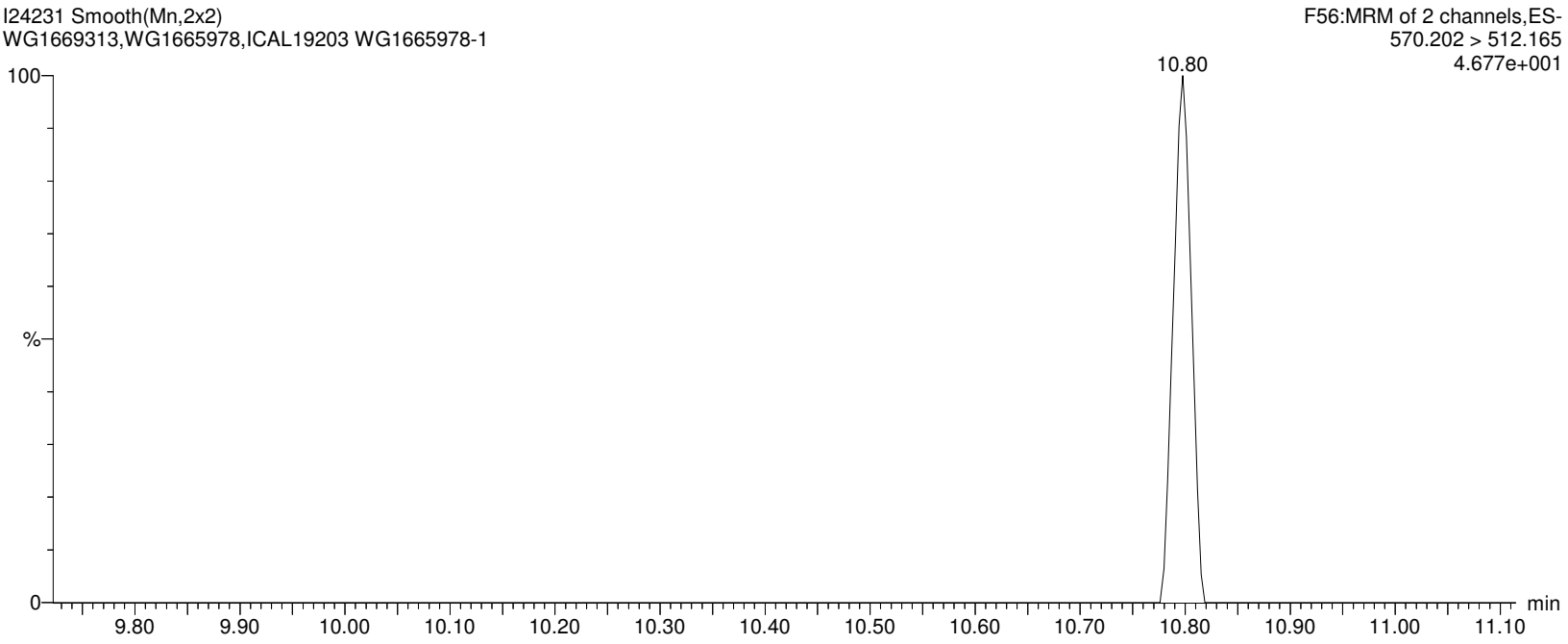
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:20 Eastern Daylight Time

Name: I24231
ID: WG1665978-1
Date: 31-Jul-2022
Time: 00:01:36
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

L-NMeFOSAA



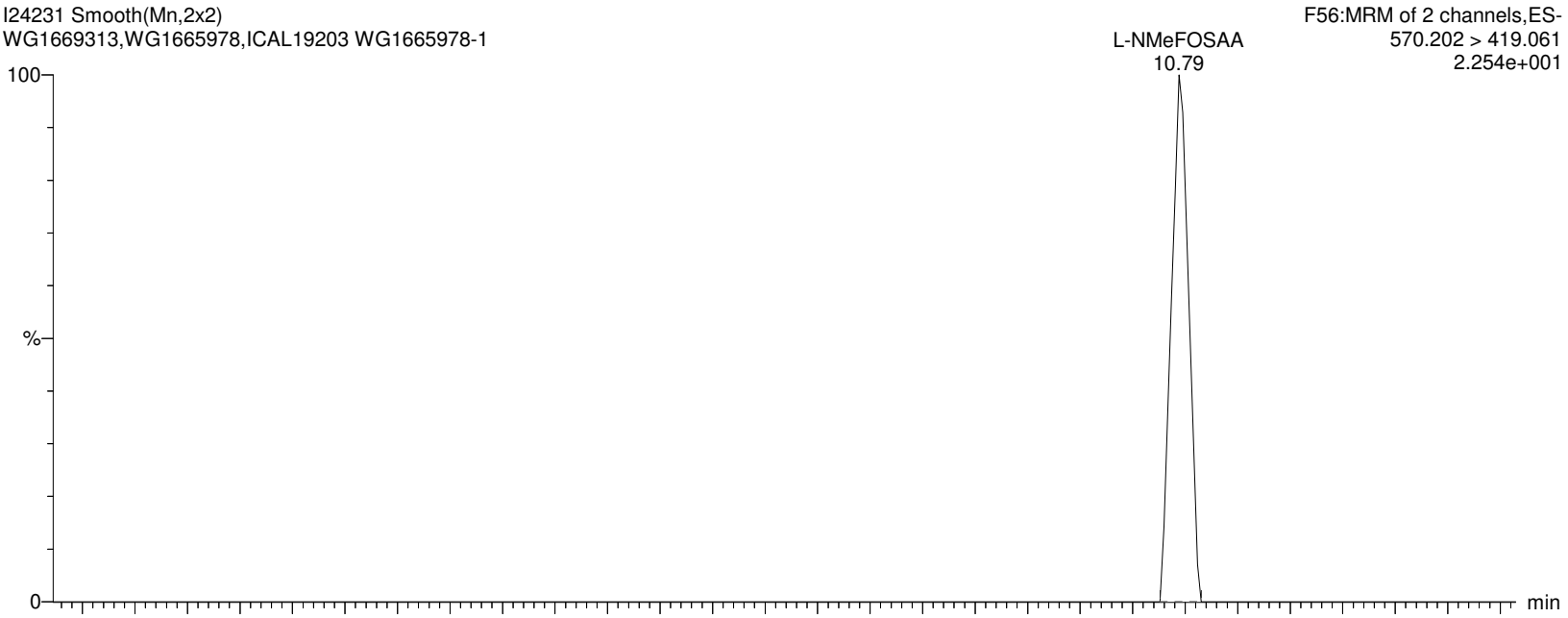


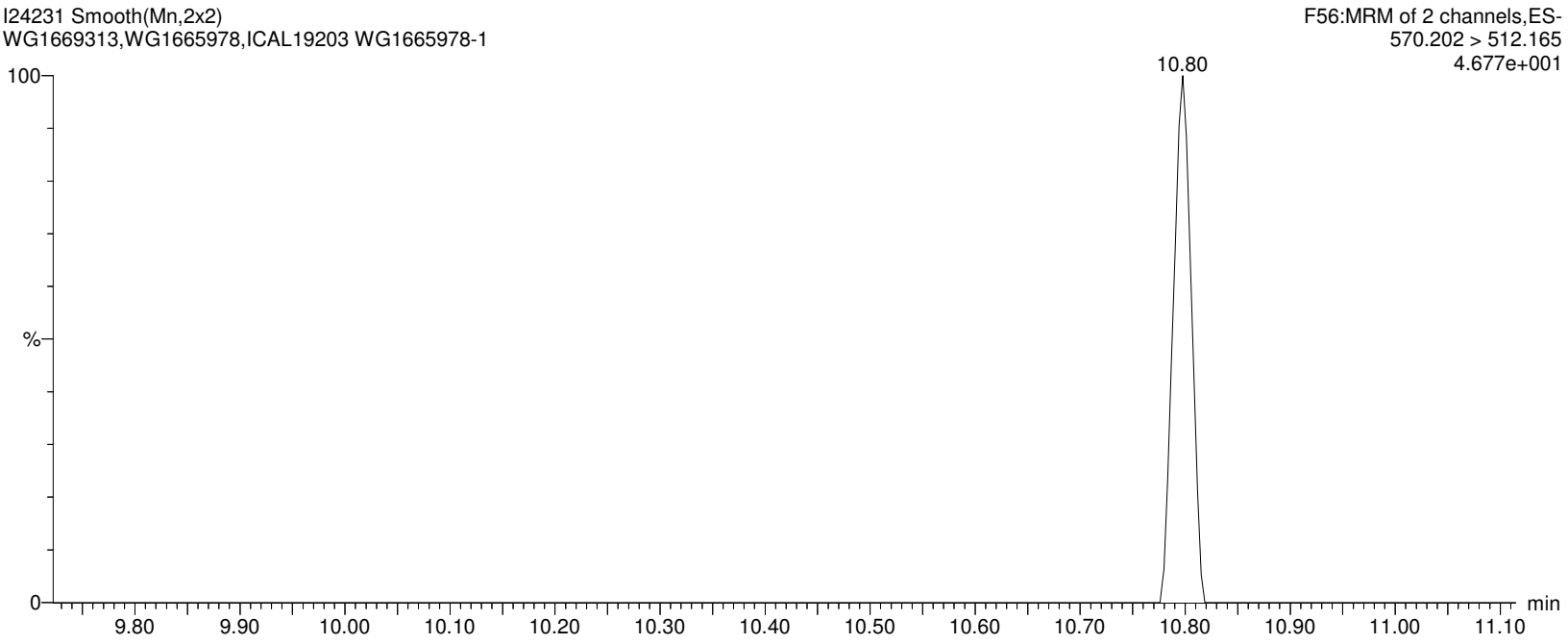
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:20 Eastern Daylight Time

Name: I24231
ID: WG1665978-1
Date: 31-Jul-2022
Time: 00:01:36
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

NMeFOSAA



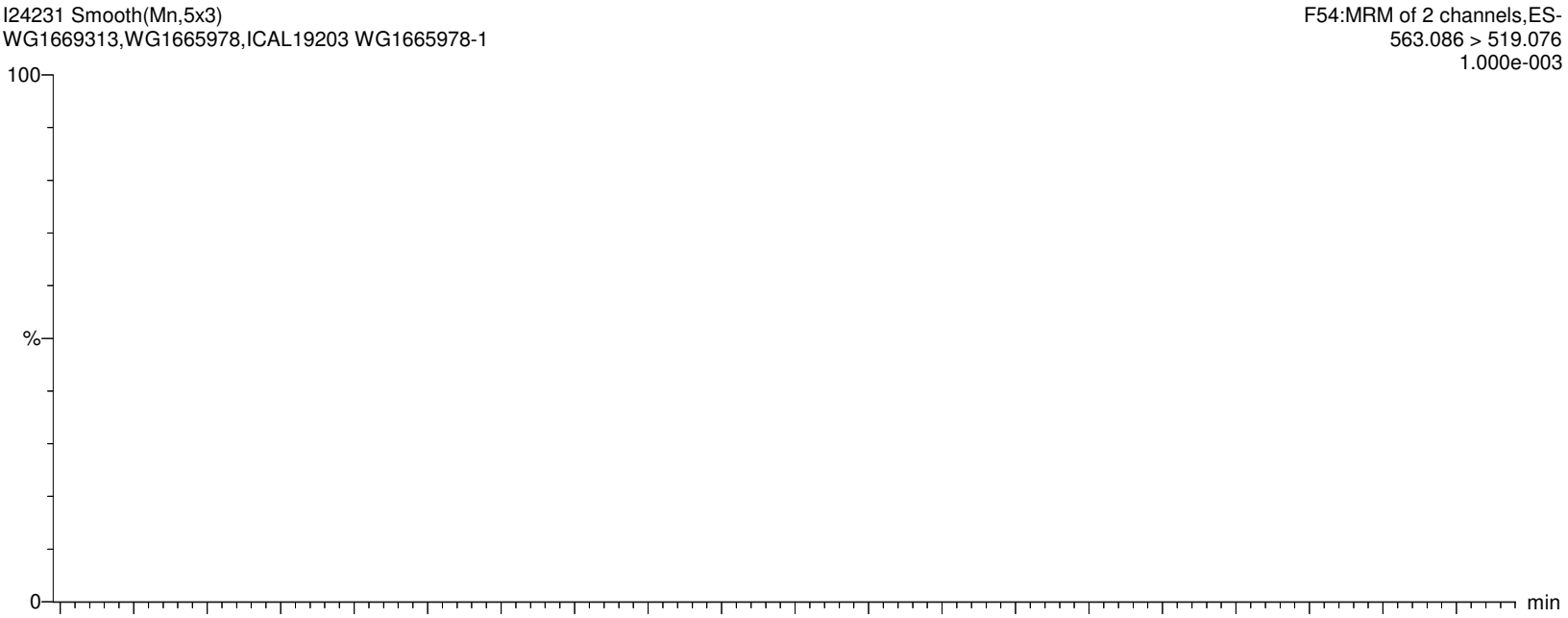


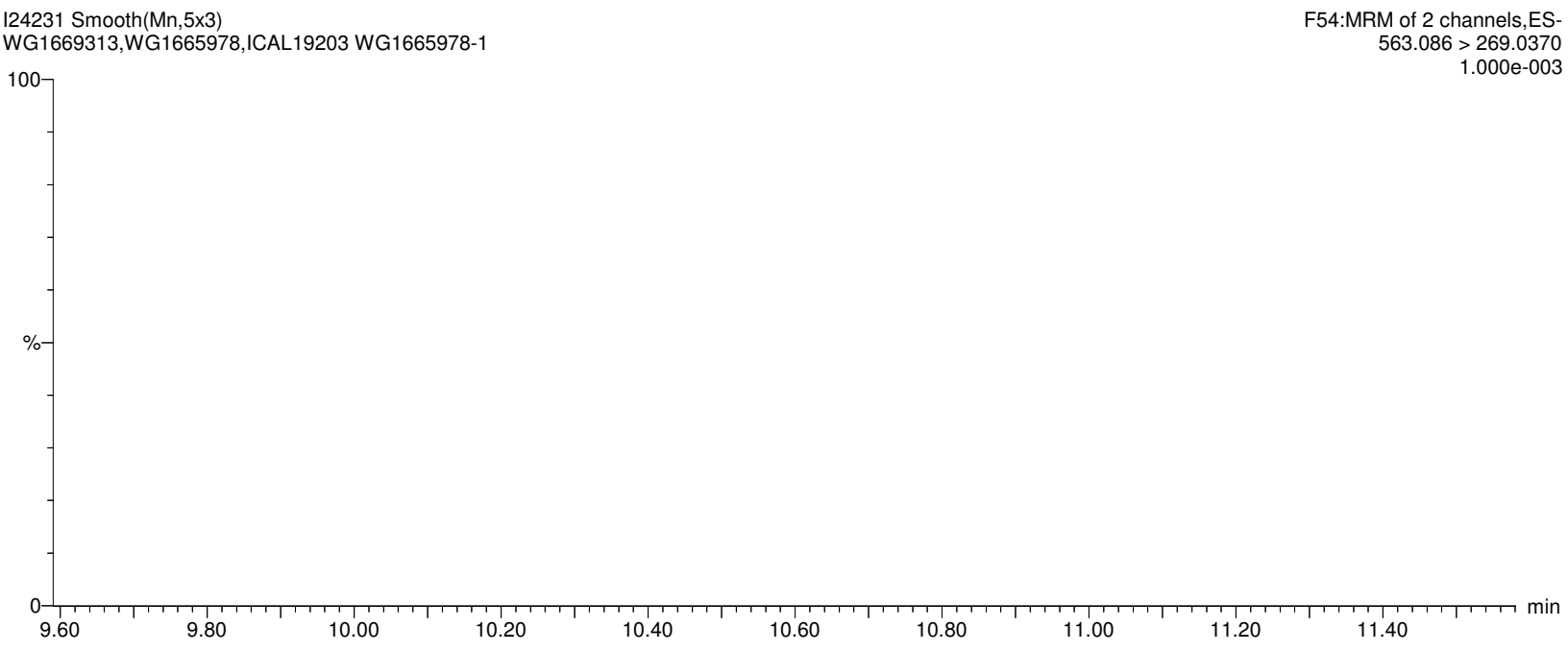
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:20 Eastern Daylight Time

Name: I24231
ID: WG1665978-1
Date: 31-Jul-2022
Time: 00:01:36
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFUnA



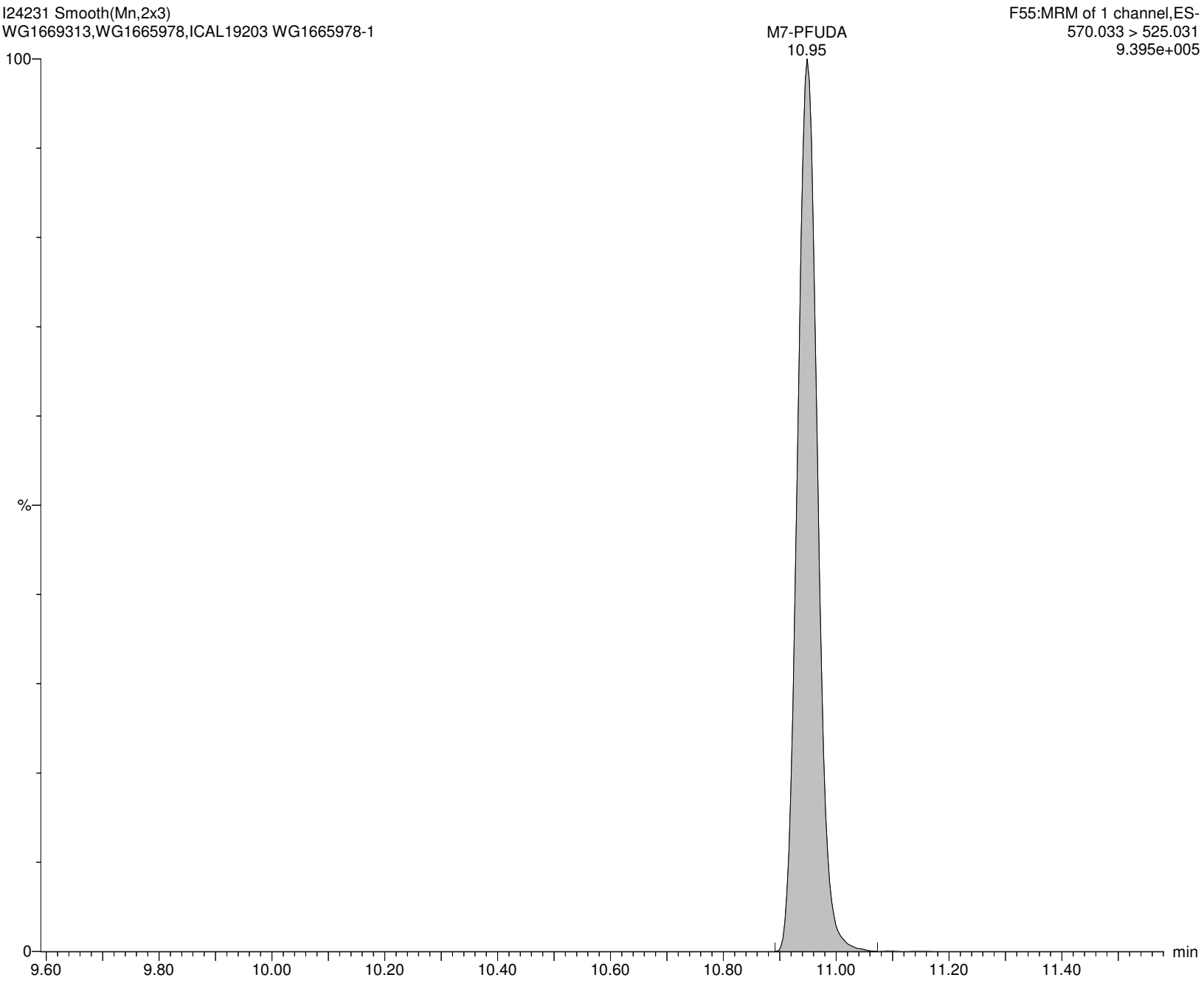


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:20 Eastern Daylight Time

Name: I24231
ID: WG1665978-1
Date: 31-Jul-2022
Time: 00:01:36
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M7-PFUDA

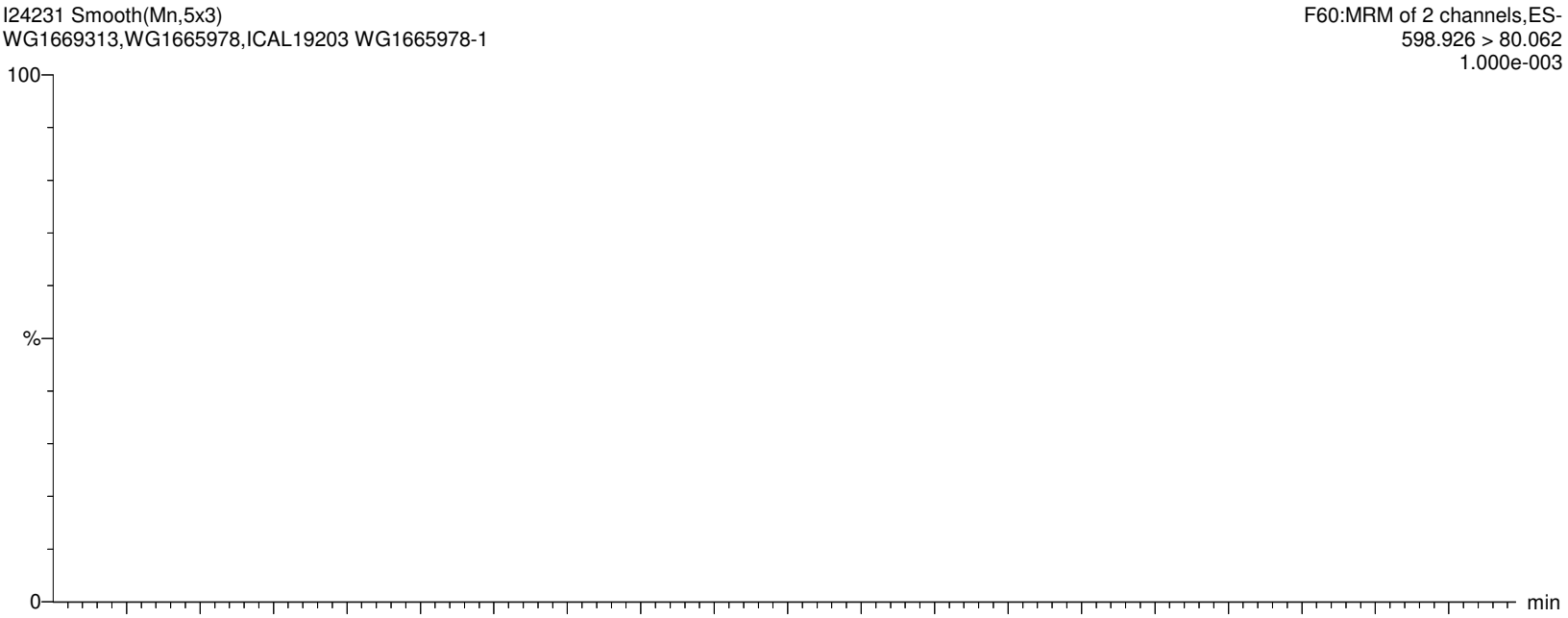


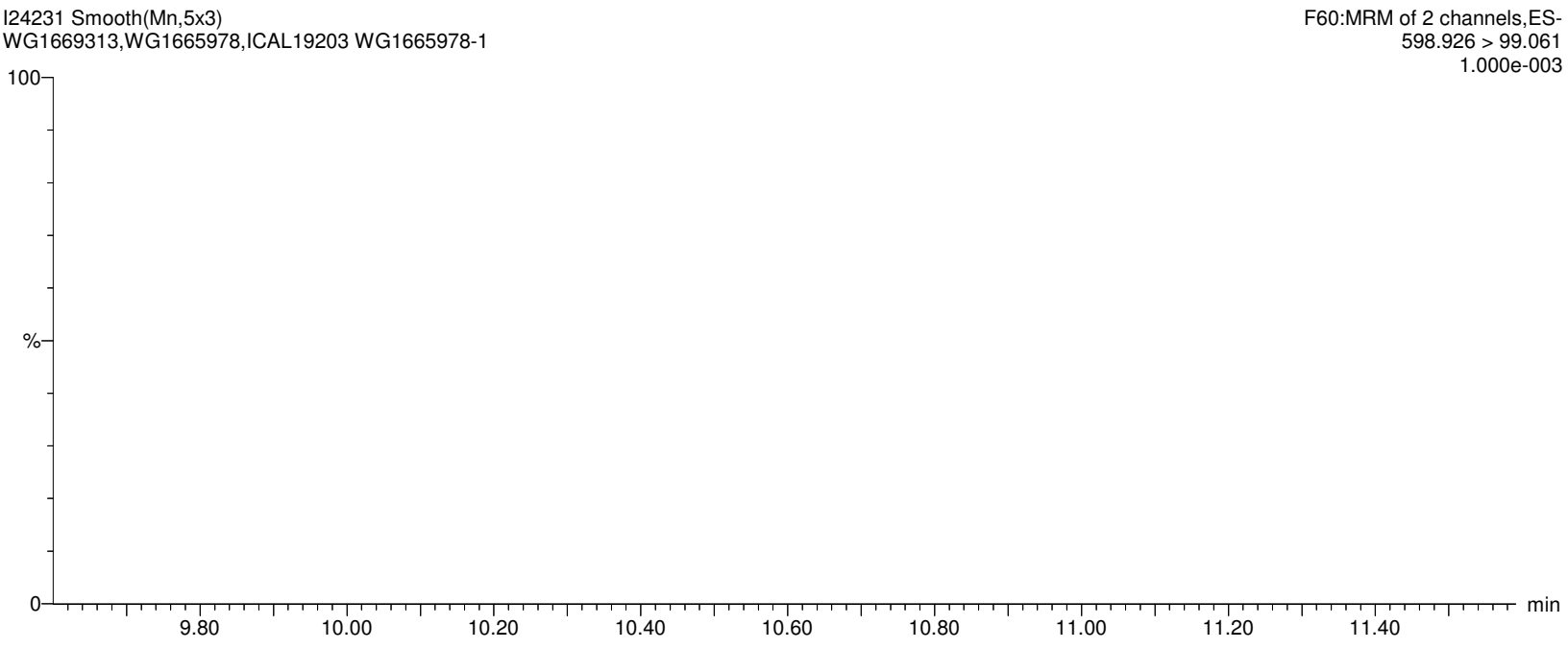
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:20 Eastern Daylight Time

Name: I24231
ID: WG1665978-1
Date: 31-Jul-2022
Time: 00:01:36
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFDS



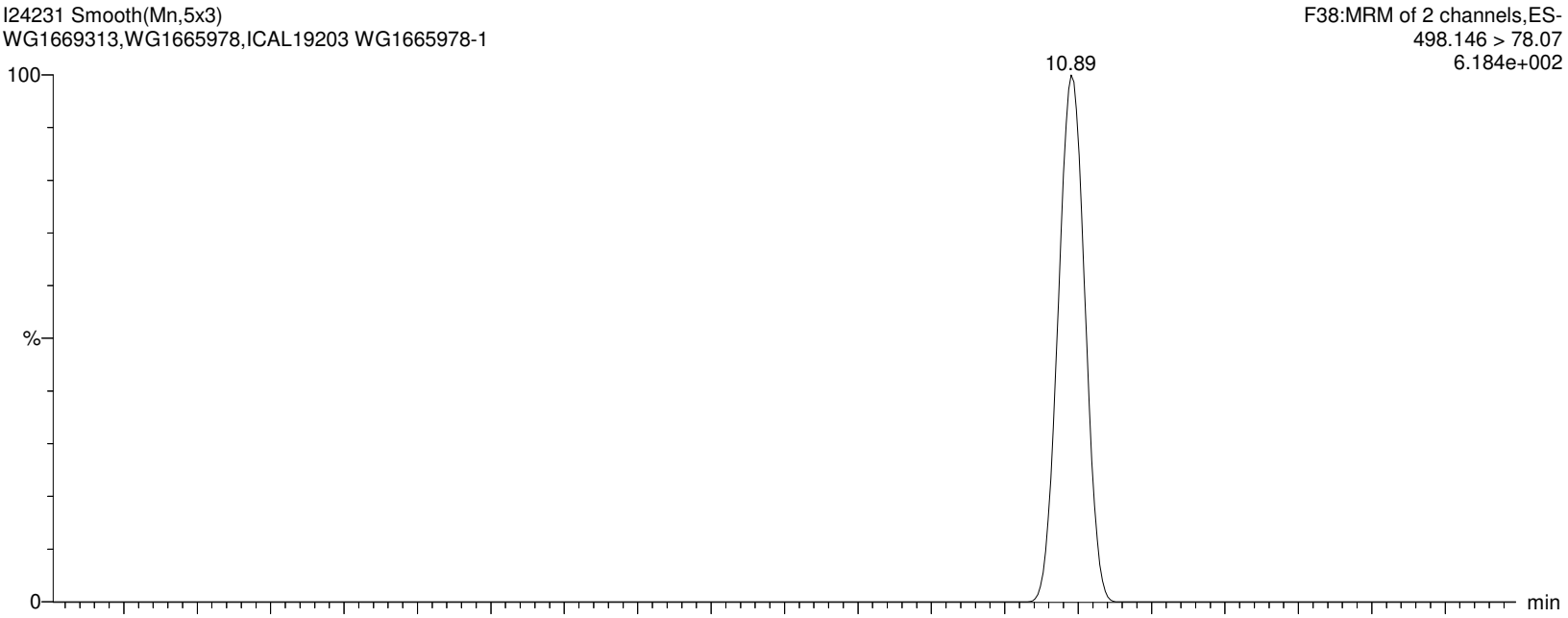


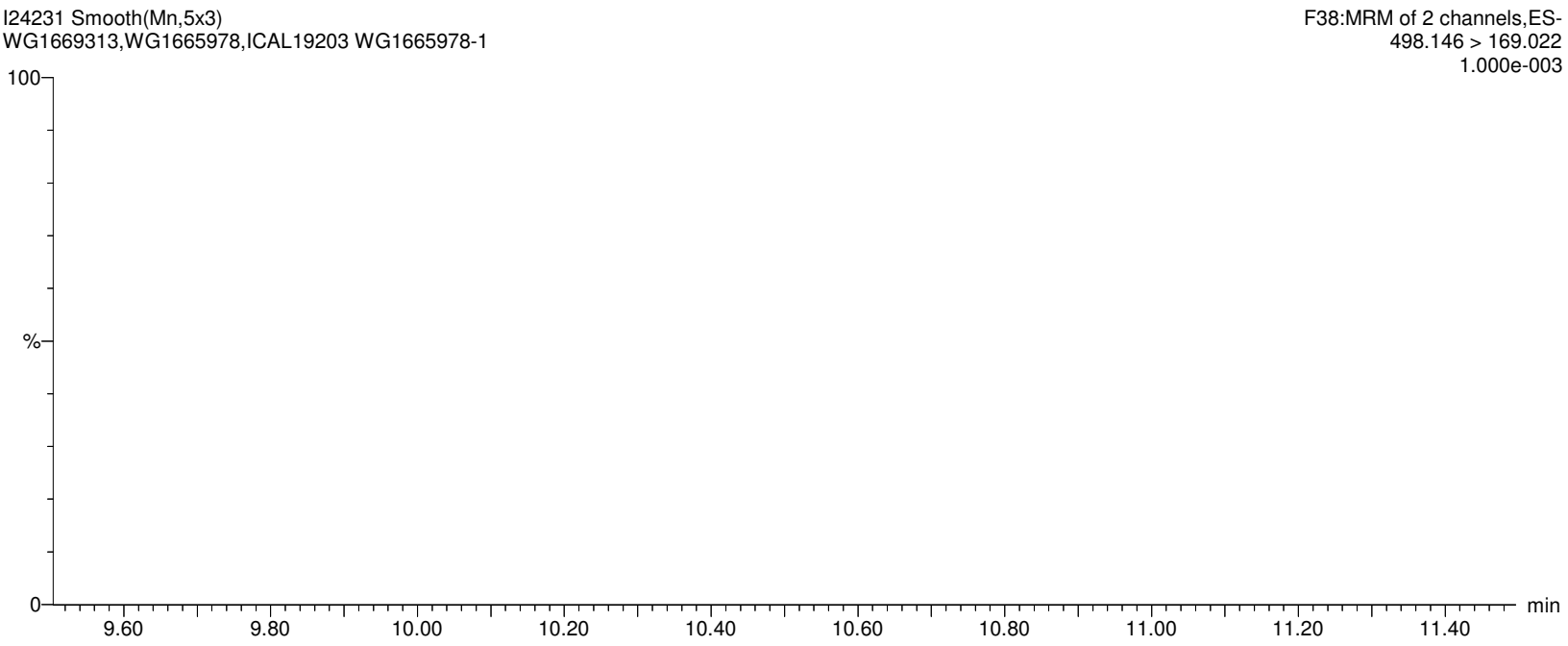
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:20 Eastern Daylight Time

Name: I24231
ID: WG1665978-1
Date: 31-Jul-2022
Time: 00:01:36
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

FOSA



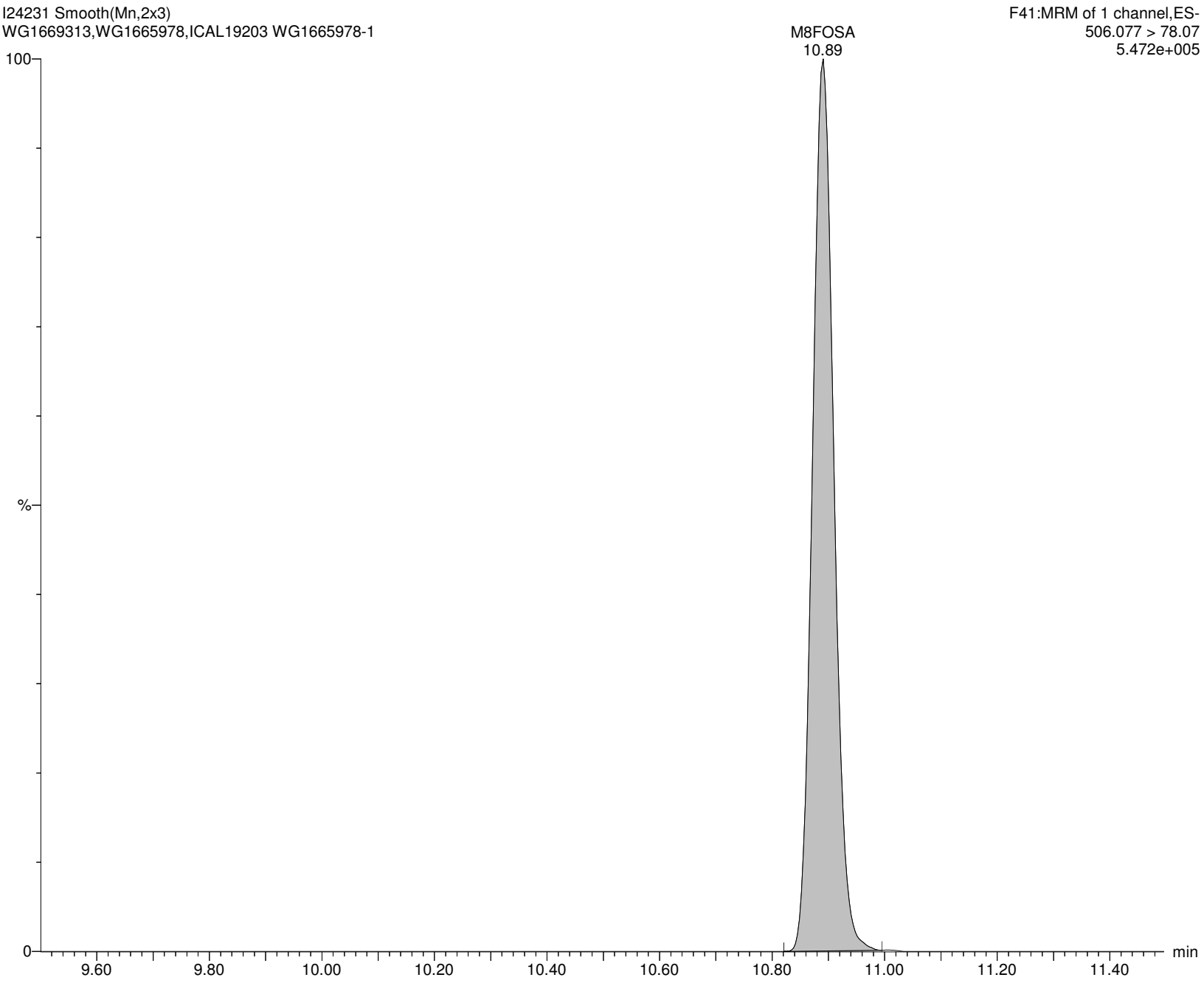


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:20 Eastern Daylight Time

Name: I24231
ID: WG1665978-1
Date: 31-Jul-2022
Time: 00:01:36
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M8FOSA

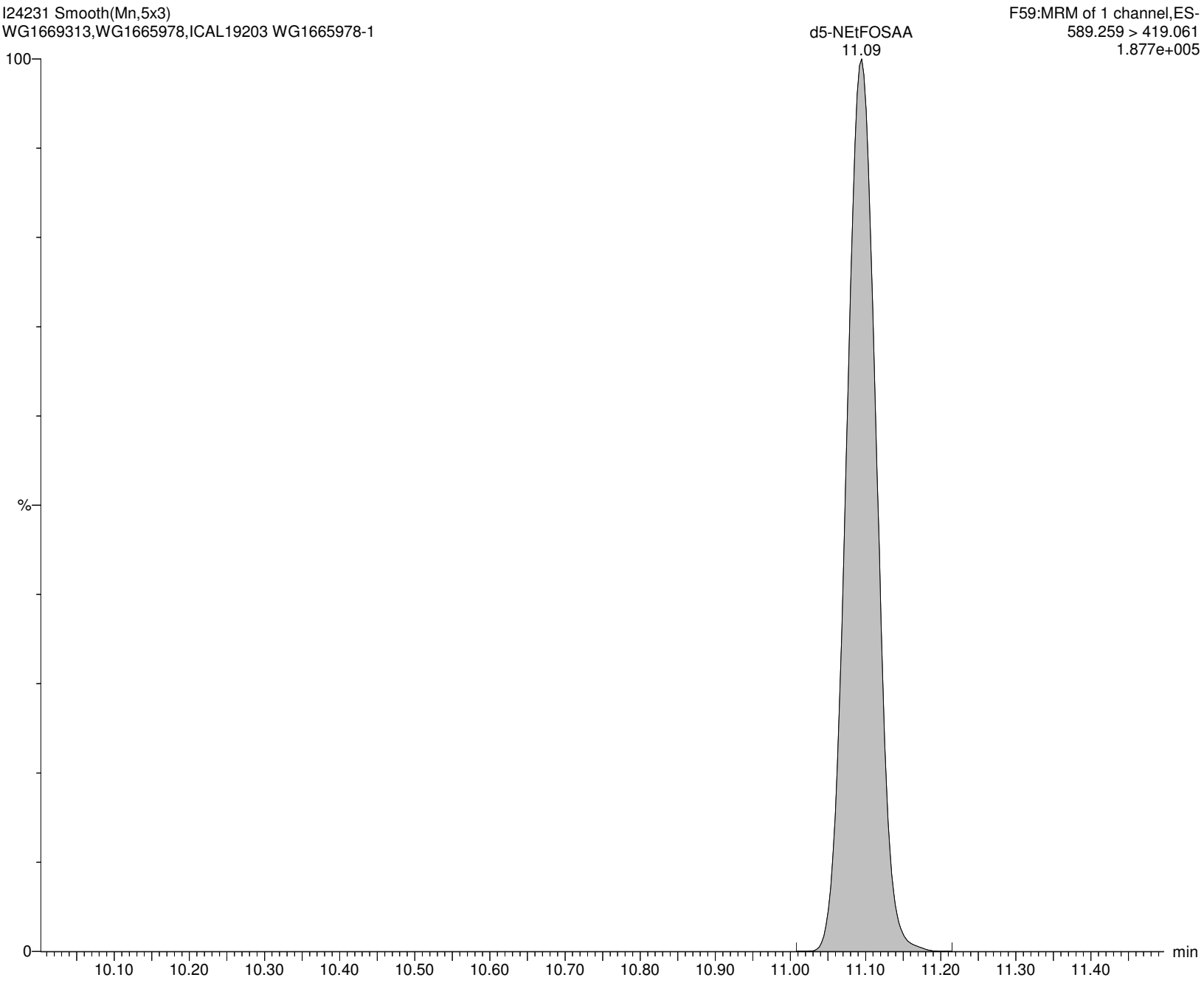


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:20 Eastern Daylight Time

Name: I24231
ID: WG1665978-1
Date: 31-Jul-2022
Time: 00:01:36
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

d5-NEtFOSAA

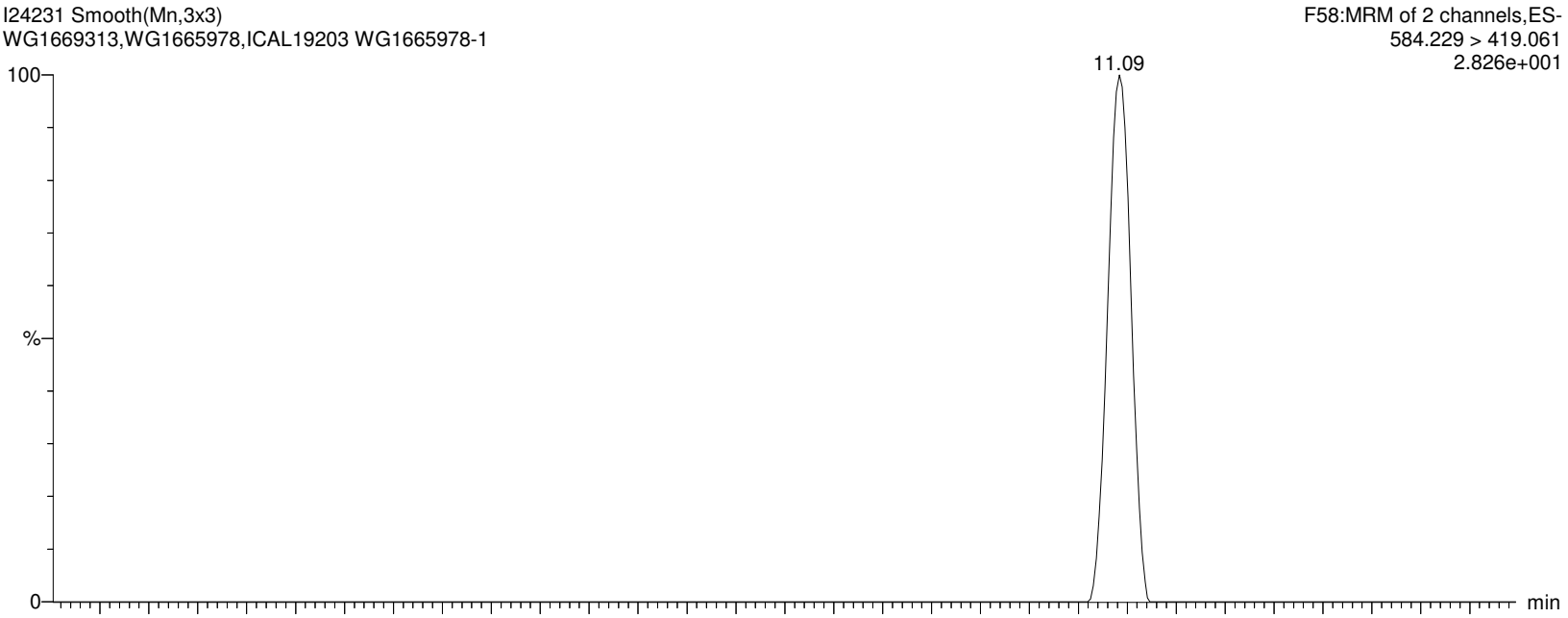


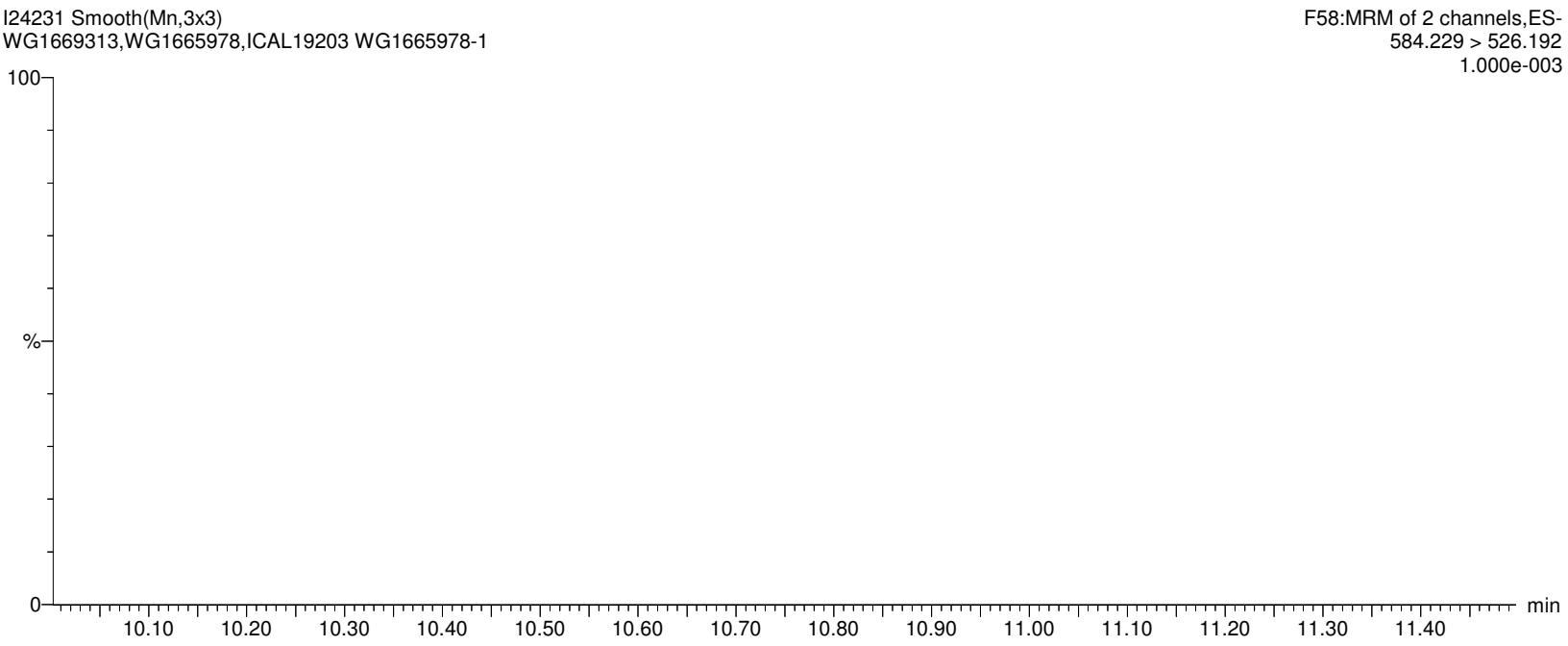
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:20 Eastern Daylight Time

Name: I24231
ID: WG1665978-1
Date: 31-Jul-2022
Time: 00:01:36
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

br-NEtFOSAA



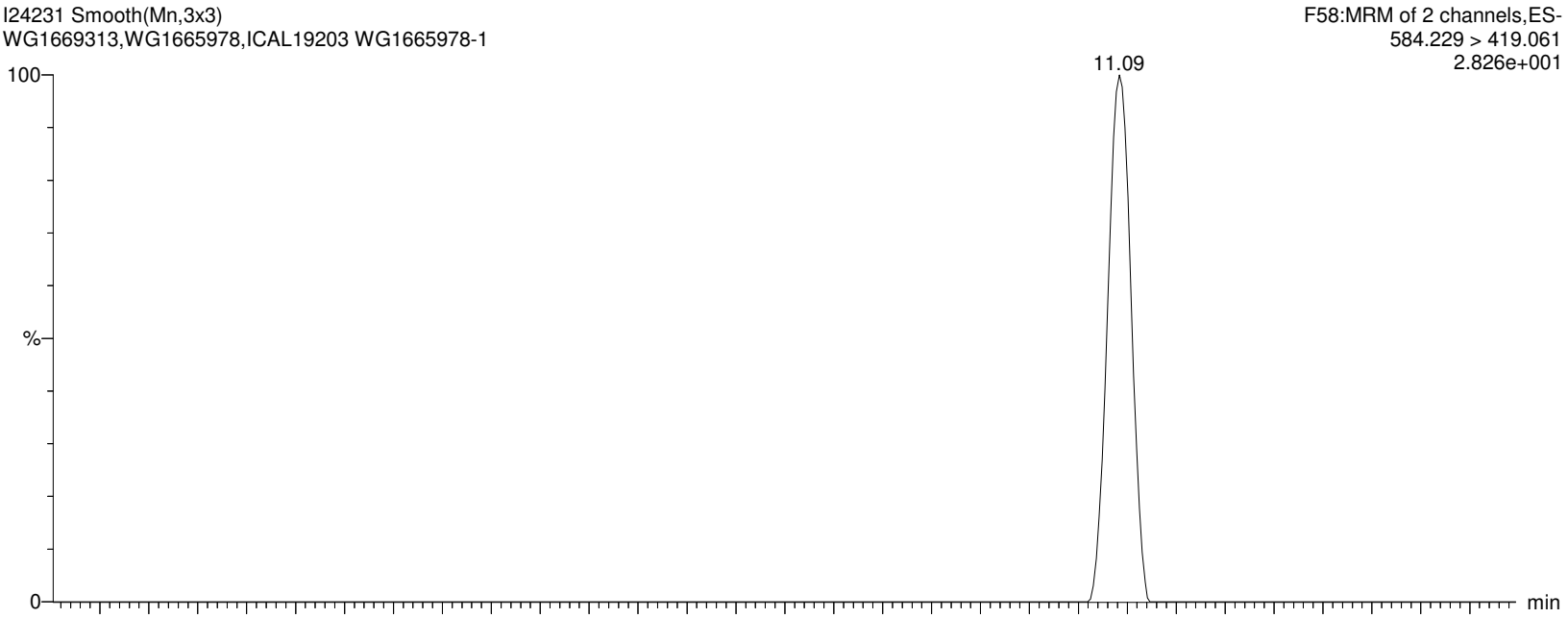


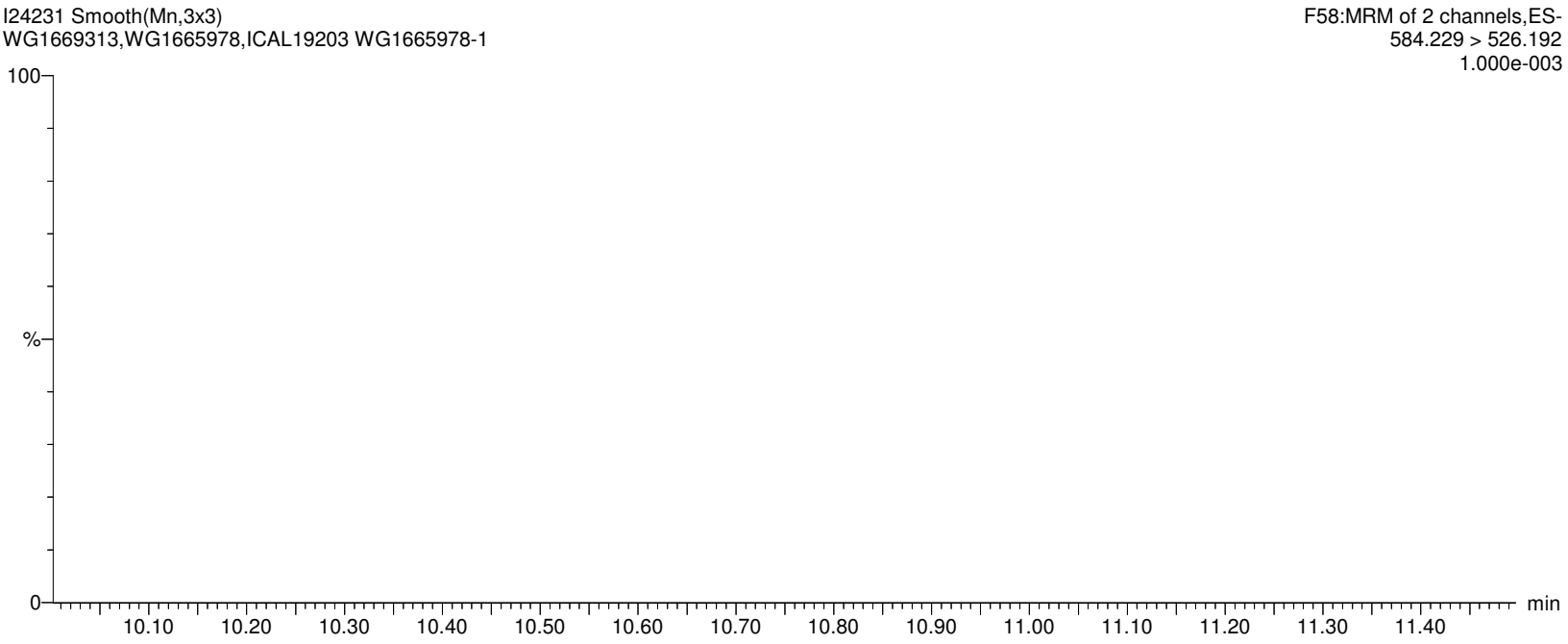
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:20 Eastern Daylight Time

Name: I24231
ID: WG1665978-1
Date: 31-Jul-2022
Time: 00:01:36
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

L-NEtFOSAA



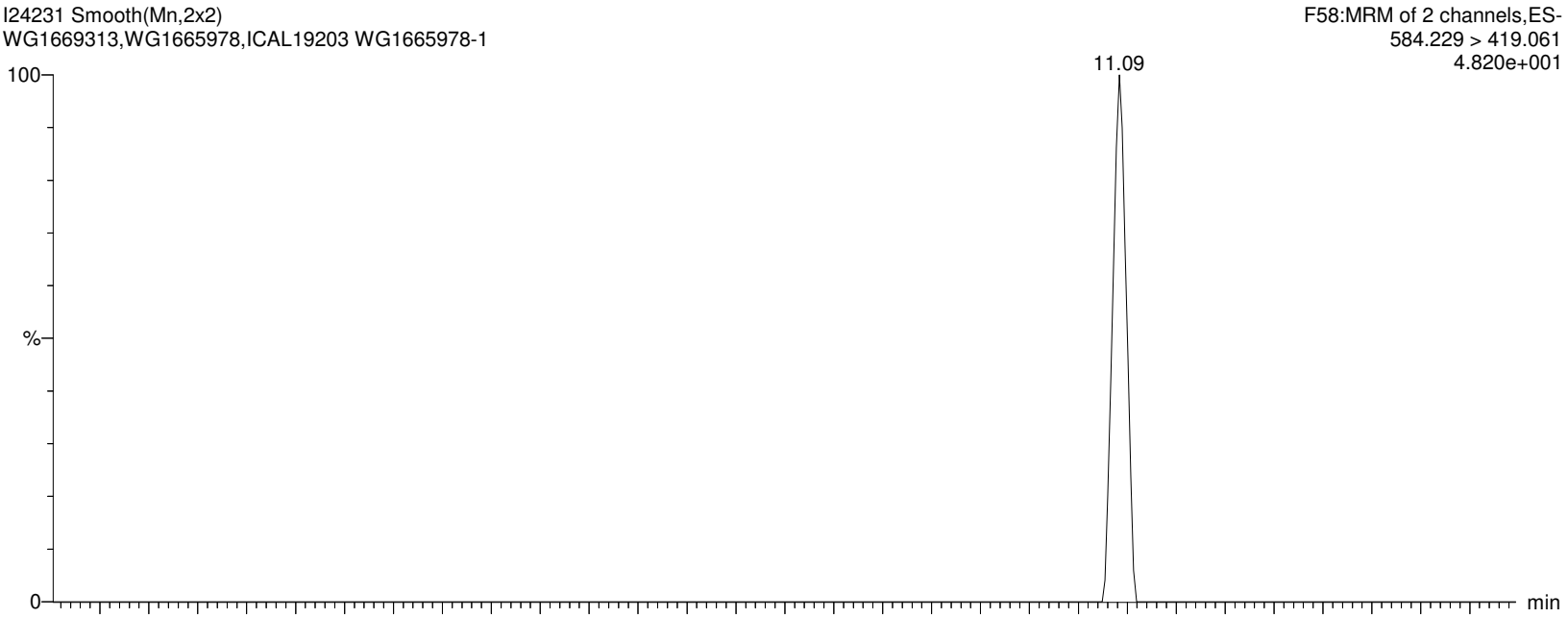


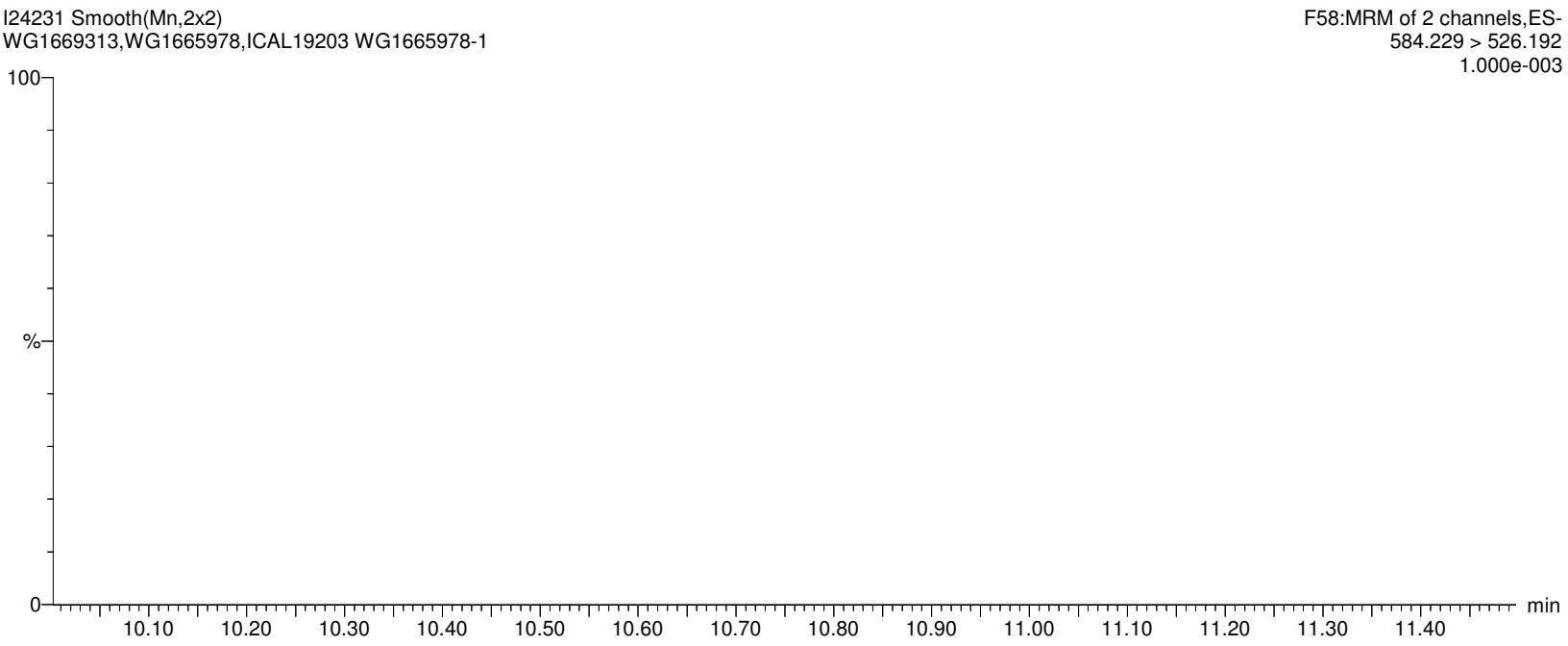
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:20 Eastern Daylight Time

Name: I24231
ID: WG1665978-1
Date: 31-Jul-2022
Time: 00:01:36
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

NEtFOSAA



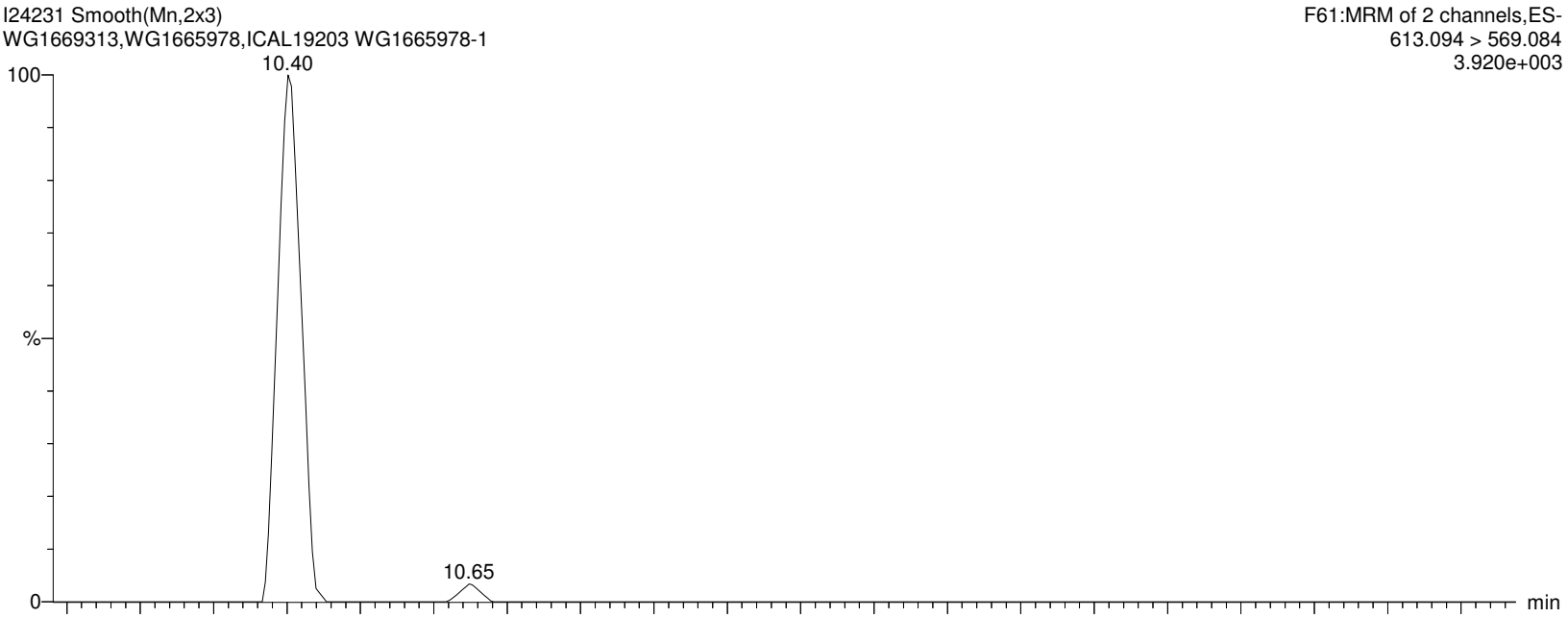


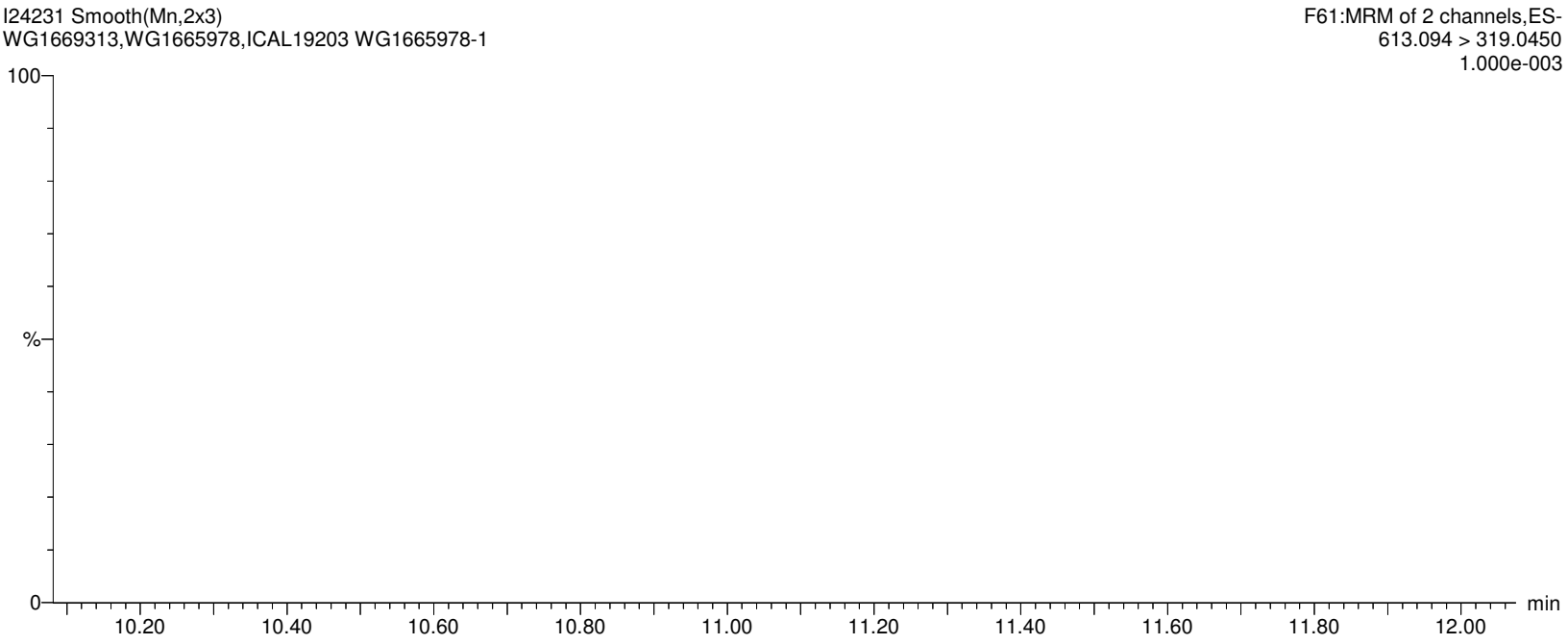
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:20 Eastern Daylight Time

Name: I24231
ID: WG1665978-1
Date: 31-Jul-2022
Time: 00:01:36
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFDoA



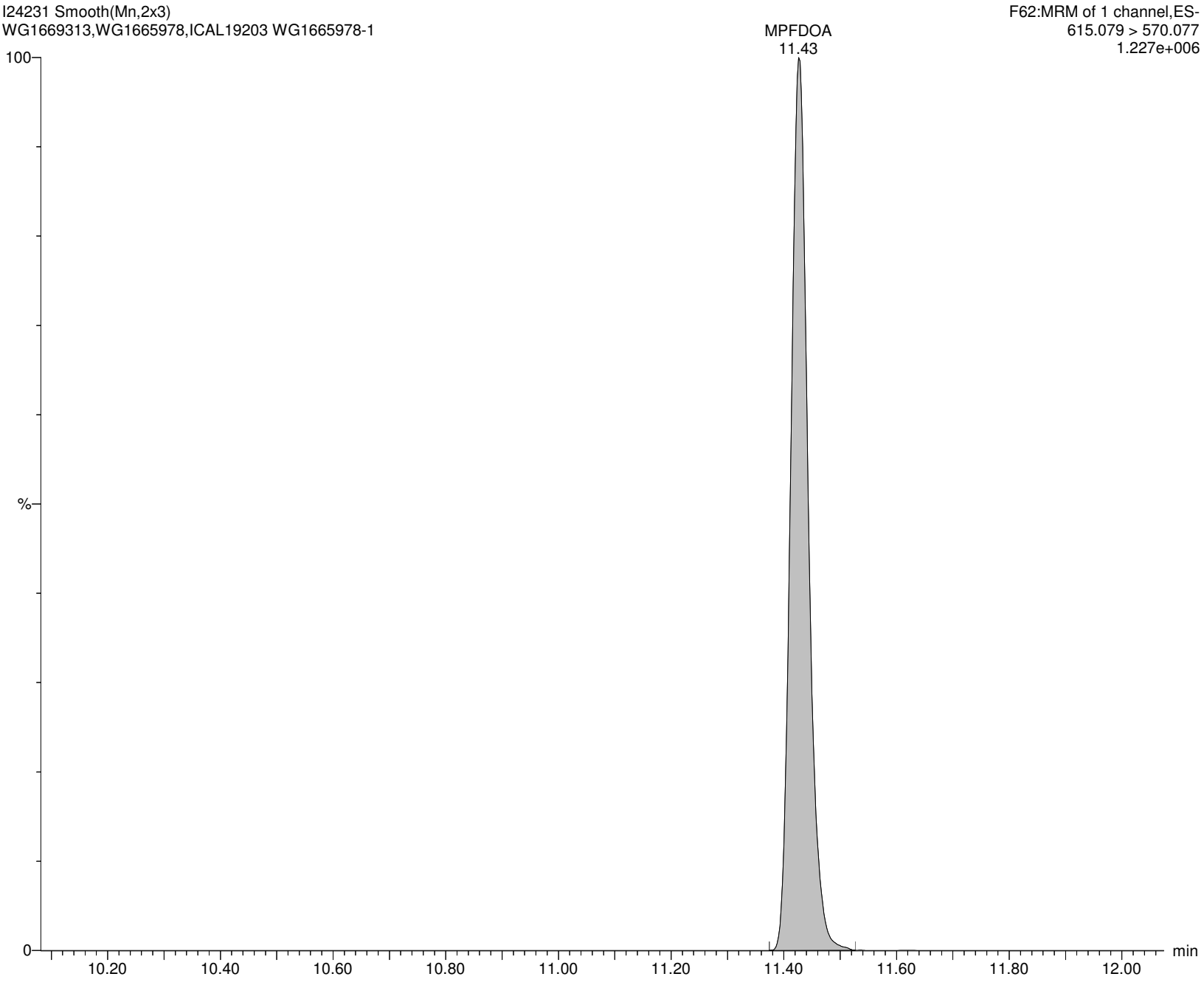


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:20 Eastern Daylight Time

Name: I24231
ID: WG1665978-1
Date: 31-Jul-2022
Time: 00:01:36
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

MPFDOA

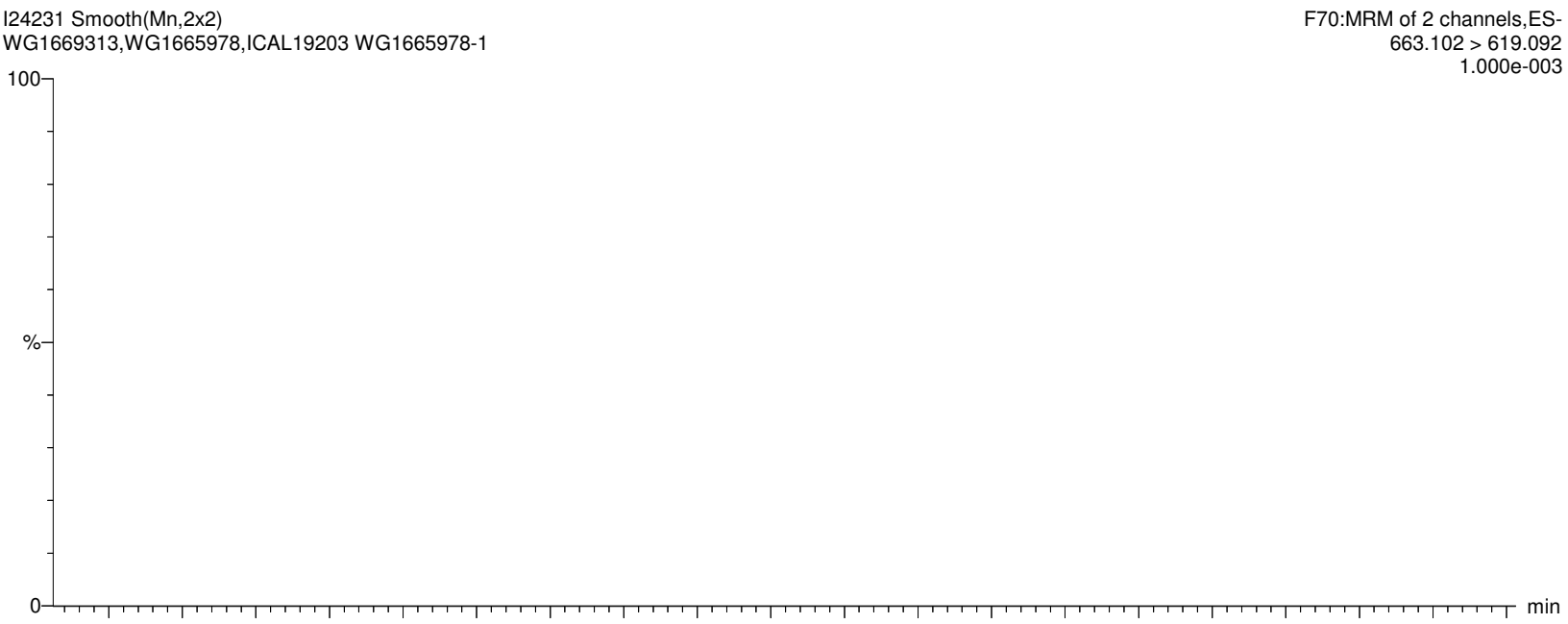


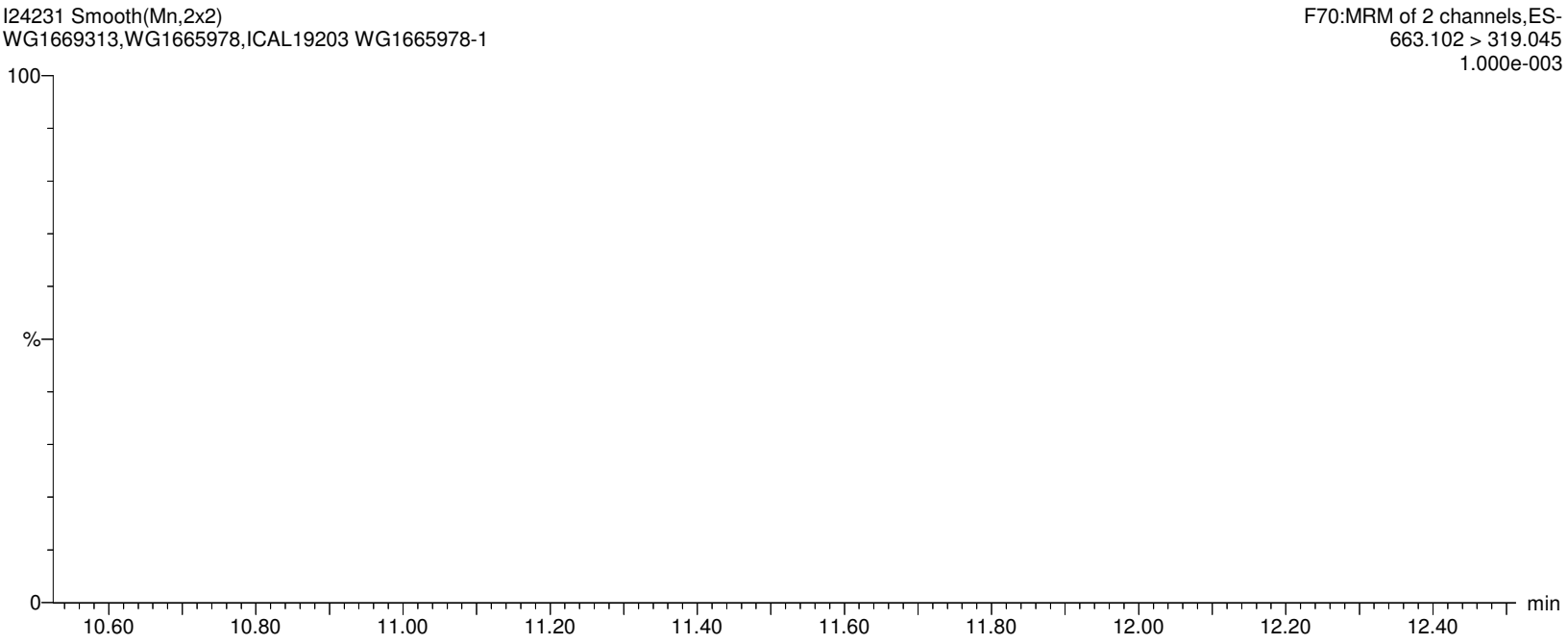
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:20 Eastern Daylight Time

Name: I24231
ID: WG1665978-1
Date: 31-Jul-2022
Time: 00:01:36
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFTrDA



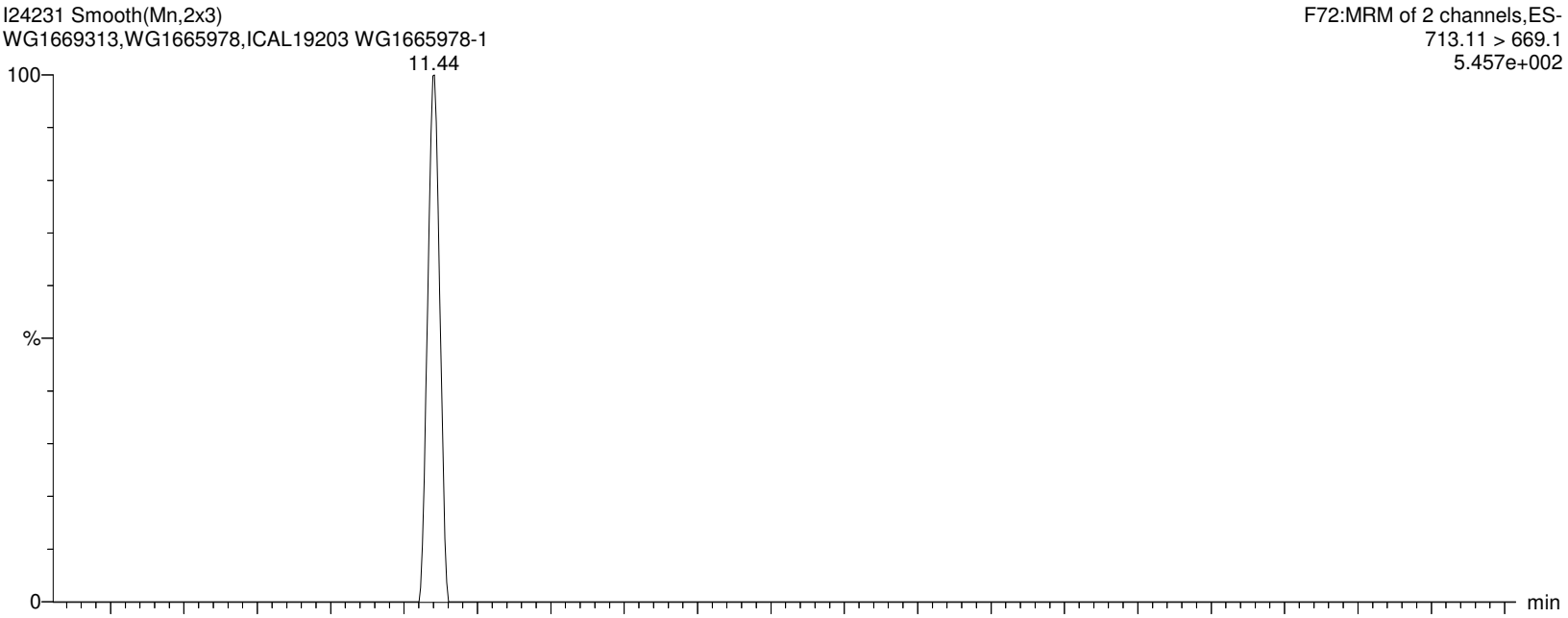


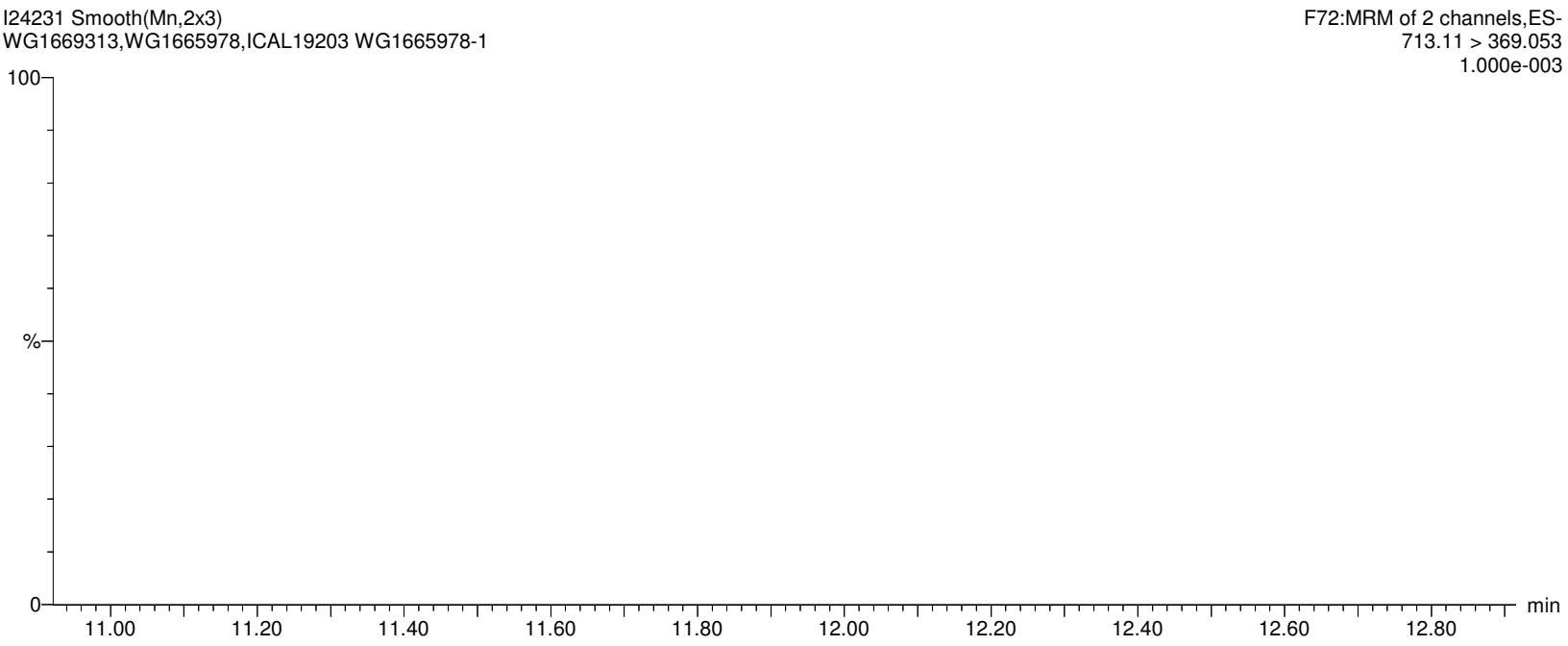
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:20 Eastern Daylight Time

Name: I24231
ID: WG1665978-1
Date: 31-Jul-2022
Time: 00:01:36
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFTA



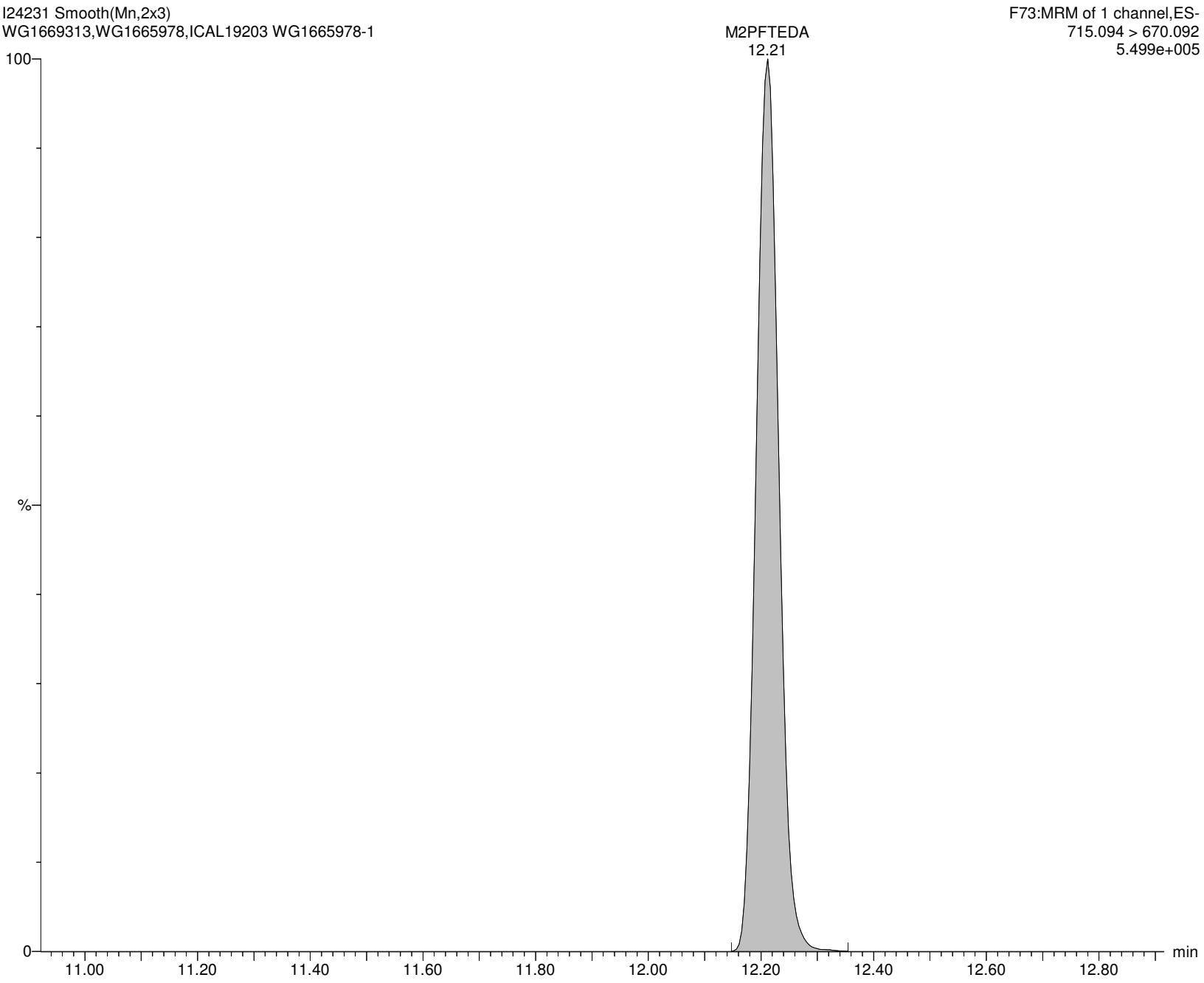


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:20 Eastern Daylight Time

Name: I24231
ID: WG1665978-1
Date: 31-Jul-2022
Time: 00:01:36
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,1
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2PFTEDA



all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\Data\WG1669465-A.qld
Last Altered: Sunday, July 31, 2022 13:14:13 Eastern Daylight Time
Printed: Sunday, July 31, 2022 13:14:32 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\MethDB\MeOH_FRAC_220727.mdb 27 Jul 2022 13:43:47
Calibration: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\CurveDB\220727_MEOH_ICAL.cdb 27 Jul 2022 13:45:01

ID: WG1665978-1
Name: M08761
Date: 31-Jul-2022
Time: 12:34:20
Description: WG1669465,WG1665978,ICAL19209
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:SG
Inlet Method Name: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	M5PFNA	INT STD	2.23	468 > 423	28051		15.019		na	150.2
2	M2-PFUDA	INT STD	2.83	565.1 > 520.1	26051		14.649		na	146.5
3	FOSA	754-91-6	2.80	497.989 > 78.245	3	M2,M7	0.002	0.22	YES	
4	M8FOSA	INT STD	2.81	506.053 > 78.286	13860		7.437		na	74.4

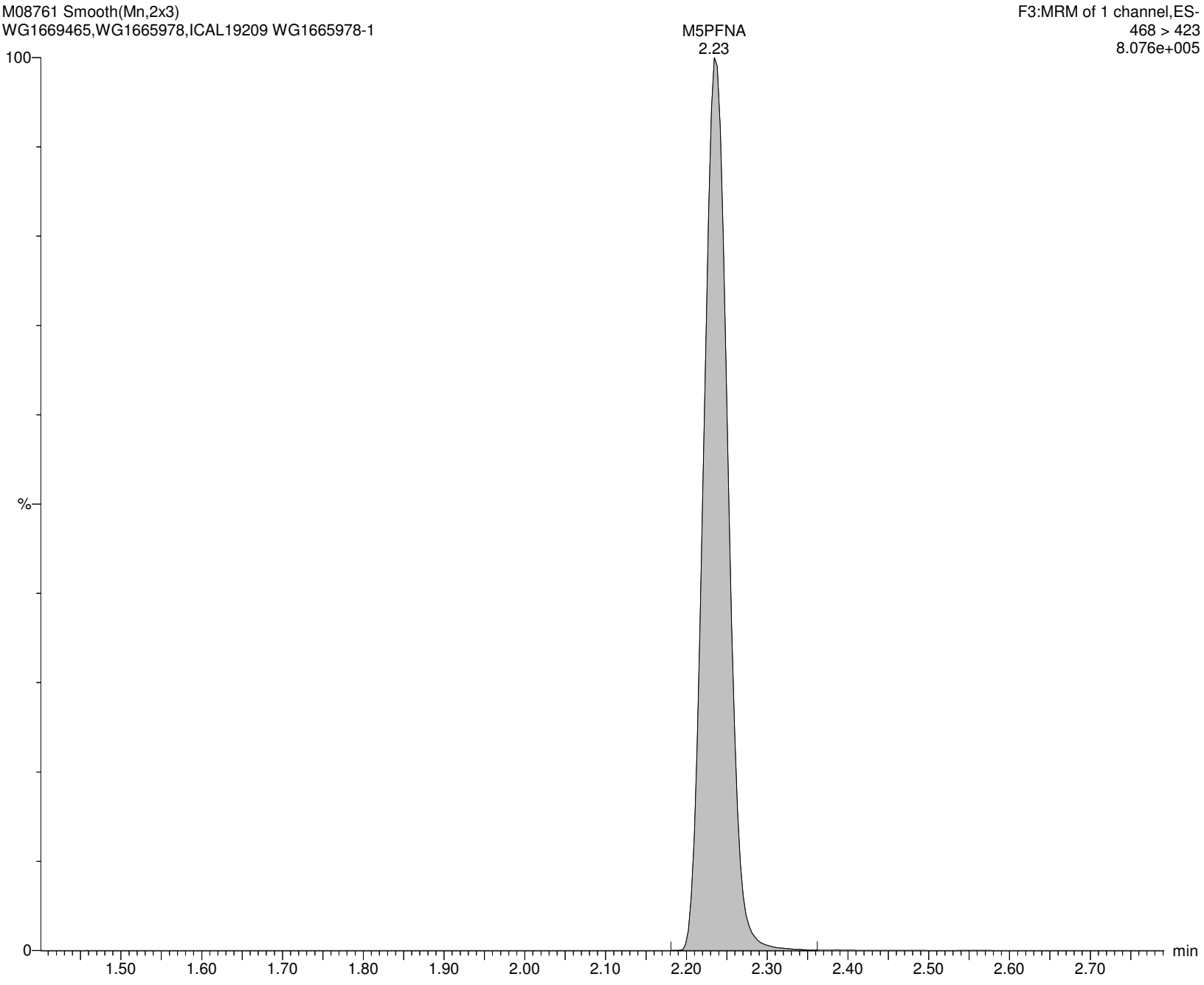
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\Data\WG1669465-A.qld
Last Altered: Sunday, July 31, 2022 13:14:13 Eastern Daylight Time
Printed: Sunday, July 31, 2022 13:14:32 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\MethDB\MeOH_FRAC_220727.mdb 27 Jul 2022 13:43:47
Calibration: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\CurveDB\220727_MEOH_ICAL.cdb 27 Jul 2022 13:45:01

Name: M08761
ID: WG1665978-1
Date: 31-Jul-2022
Time: 12:34:20
Description: WG1669465,WG1665978,ICAL19209
User: LCMS01:SG
Vial: 1:B,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

M5PFNA

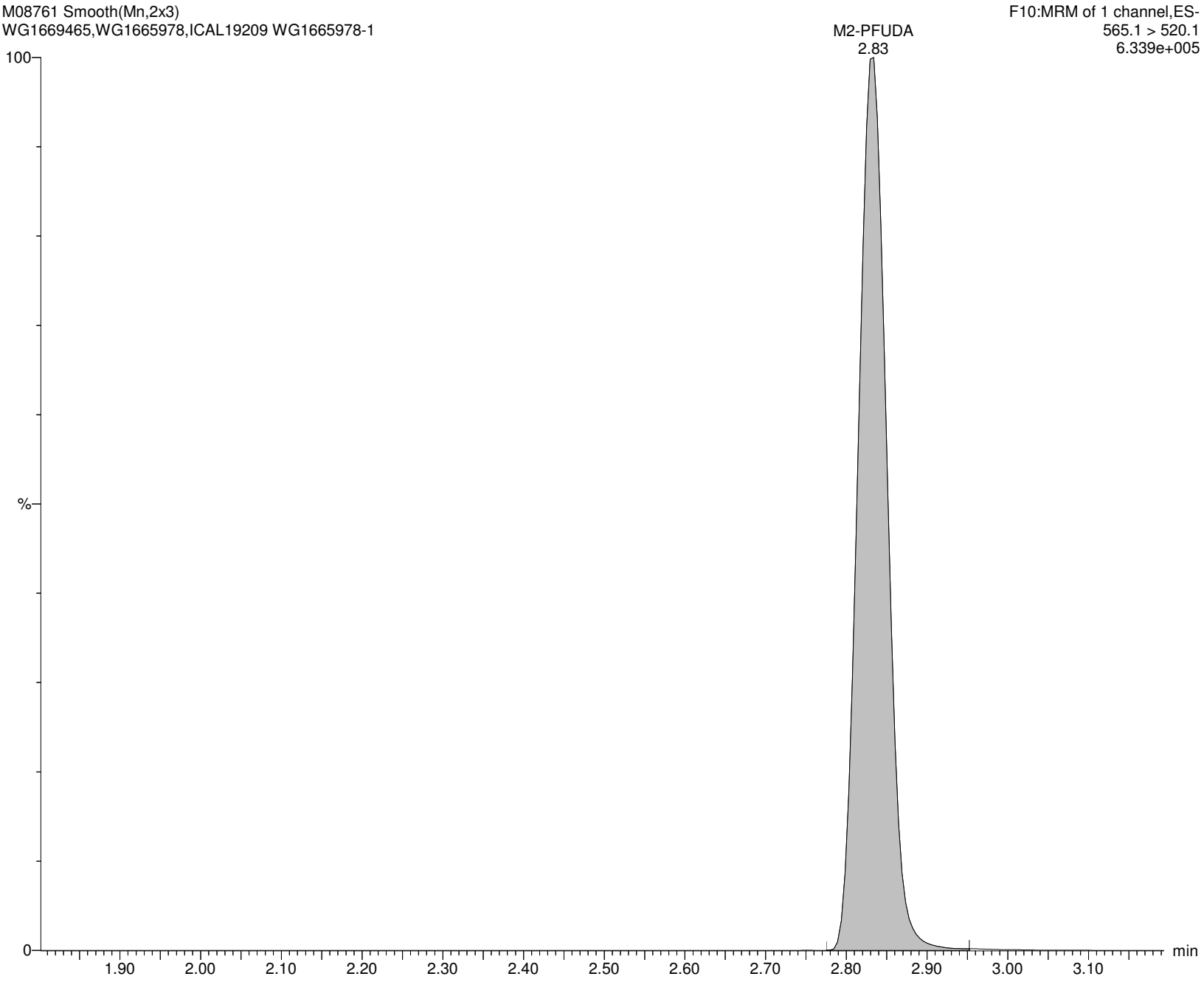


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\Data\WG1669465-A.qld
Last Altered: Sunday, July 31, 2022 13:14:13 Eastern Daylight Time
Printed: Sunday, July 31, 2022 13:14:32 Eastern Daylight Time

Name: M08761
ID: WG1665978-1
Date: 31-Jul-2022
Time: 12:34:20
Description: WG1669465,WG1665978,ICAL19209
User: LCMS01:SG
Vial: 1:B,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

M2-PFUDA

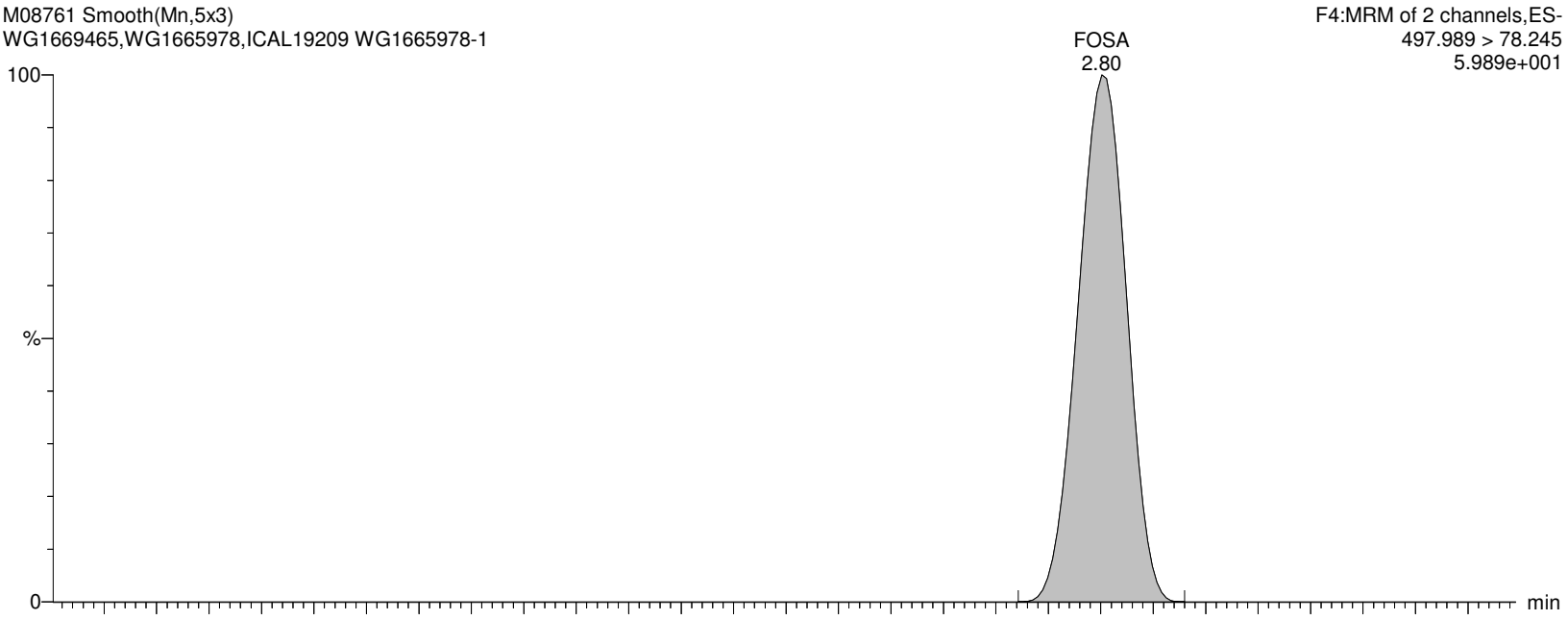


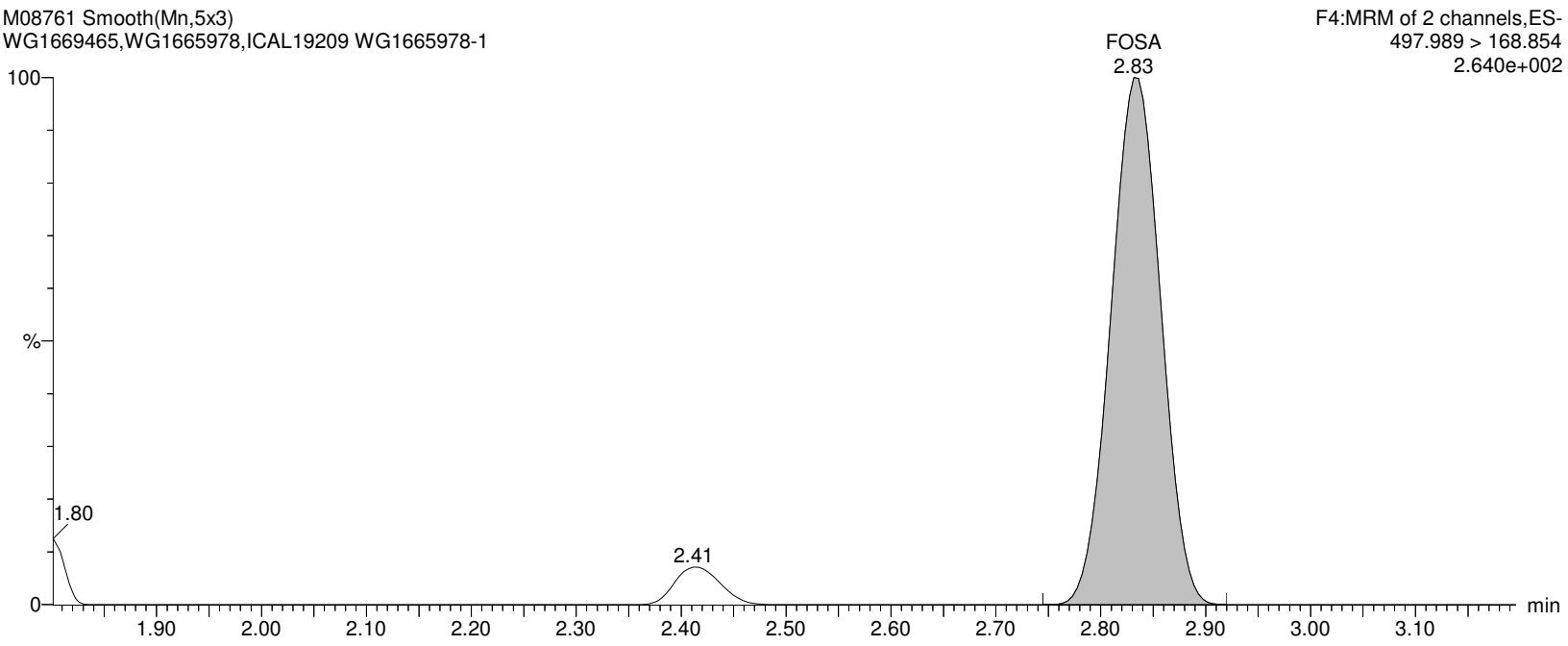
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\Data\WG1669465-A.qld
Last Altered: Sunday, July 31, 2022 13:14:13 Eastern Daylight Time
Printed: Sunday, July 31, 2022 13:14:32 Eastern Daylight Time

Name: M08761
ID: WG1665978-1
Date: 31-Jul-2022
Time: 12:34:20
Description: WG1669465,WG1665978,ICAL19209
User: LCMS01:SG
Vial: 1:B,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

FOSA



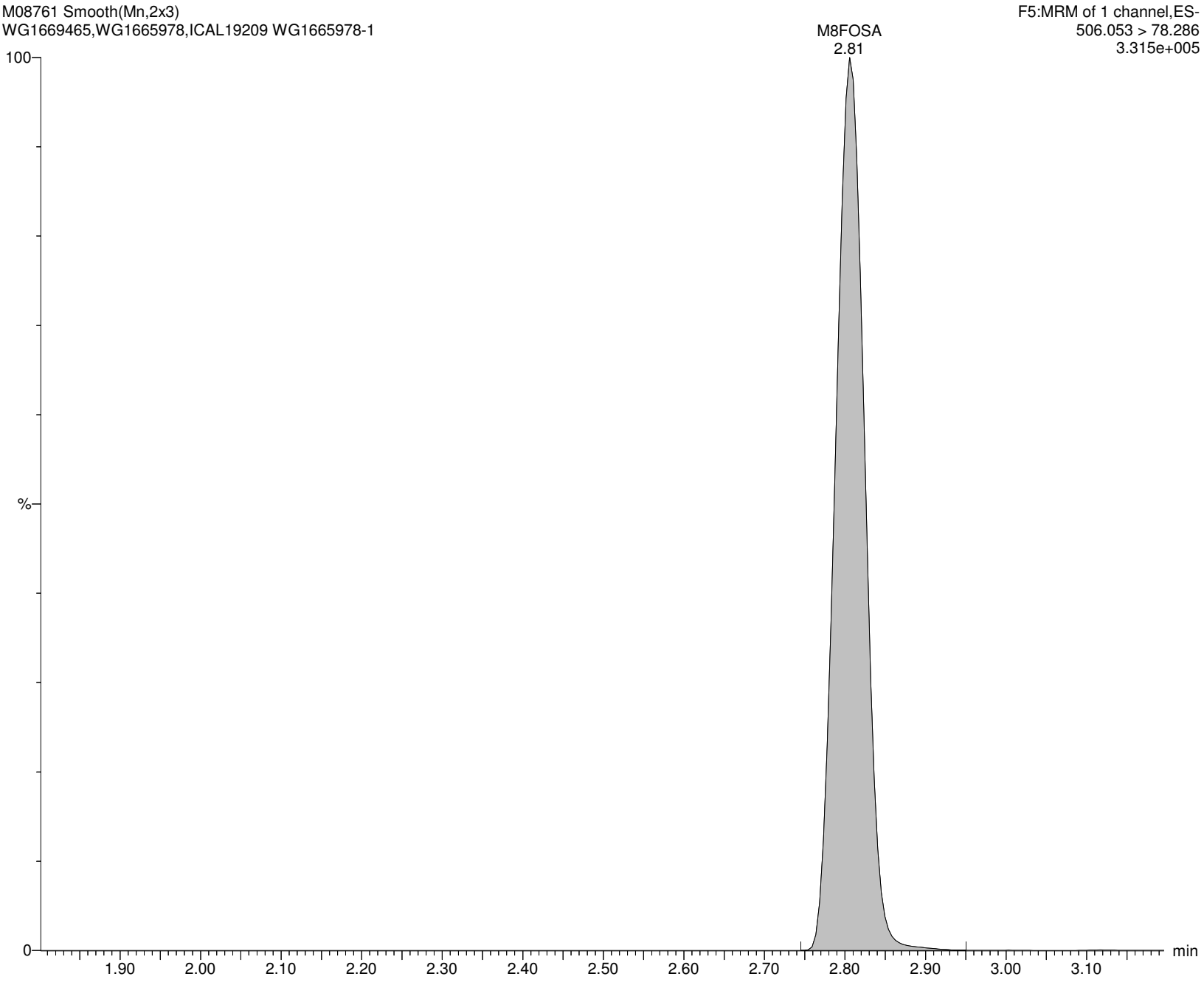


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\Data\WG1669465-A.qld
Last Altered: Sunday, July 31, 2022 13:14:13 Eastern Daylight Time
Printed: Sunday, July 31, 2022 13:14:32 Eastern Daylight Time

Name: M08761
ID: WG1665978-1
Date: 31-Jul-2022
Time: 12:34:20
Description: WG1669465,WG1665978,ICAL19209
User: LCMS01:SG
Vial: 1:B,5
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

M8FOSA



all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:23 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220730_537ISO.PRO\MethDB\537ISO_Q_220725_RT.mdb 29 Jul 2022 09:44:29
Calibration: C:\MassLynx\Data\2022\220730_537ISO.PRO\CurveDB\220725_ICAL.cdb 26 Jul 2022 09:37:13

ID: WG1665978-2
Name: I24232
Date: 31-Jul-2022
Time: 00:18:10
Description: WG1669313,WG1665978,ICAL19203
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:SG
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.12	213.032 > 169.022	47707		9.965		na	99.6
2	M3PFBA	INT STD	2.14	216.009 > 171.999	42495		11.373		na	113.7
3	MPFBA	INT STD	2.14	217.001 > 171.999	50496		10.465		na	104.6
4	PFPeA	2706-90-3	4.96	263.039 > 219.03	61239		9.884		na	98.8
5	M5PFPEA	INT STD	4.95	268.001 > 222.999	59836		12.593		na	125.9
6	PFBS	375-73-5	5.60	299.092 > 80.062	18193		8.603	2.01	NO	97.0
7	M3PFBS	INT STD	5.60	302.069 > 80.062	17873		10.274		na	110.2
8	4:2FTS	757124-72-4	6.74	327.146 > 307.139	3539		10.615	1.28	NO	113.3
9	M2-4:2FTS	INT STD	6.74	329.13 > 309.124	3676		10.557		na	112.6
10	PFHxA	307-24-4	6.82	313.047 > 269.037	61899		9.902	11.78	NO	99.0
11	M5PFHxA	INT STD	6.82	318.009 > 273.007	60931		9.245		na	92.4
12	PFPeS	2706-91-4	7.14	349.1 > 80.062	18783		8.950	1.73	NO	95.1
13	PFHpA	375-85-9	8.08	363.055 > 319.045	56250		9.865	3.73	NO	98.7
14	M4PFHpA	INT STD	8.08	367.025 > 322.022	54796		9.921		na	99.2
15	br-PFHxS	355-46-4	8.01	399.107 > 80.062	3227	M5,M7	1.806	2.27	NO	95.6
16	L-PFHxS	355-46-4	8.24	399.107 > 80.062	15643		8.065	1.66	NO	99.4
17	PFHxS	355-46-4		399.107 > 80.062	18870		9.871		na	
18	M3PFHxS	INT STD	8.24	402.084 > 80.062	20042		11.063		na	116.7
19	br-PFOA	335-67-1		413.063 > 369.053			ND		YES	
20	L-PFOA	335-67-1	9.02	413.063 > 369.053	60510		10.340	6.61	NO	103.4
21	PFOA	335-67-1		413.063 > 369.053	60510		10.340		na	
22	M8PFOA	INT STD	9.02	421.002 > 376.	51239		9.982		na	99.8
23	M2PFOA	INT STD	9.02	415.048 > 370.045	52961		12.695		na	126.9
24	6:2FTS	27619-97-2	8.98	427.161 > 407.155	4737		10.798	2.30	NO	113.5
25	M2-6:2FTS	INT STD	8.98	429.146 > 409.14	5212		12.546		na	131.9
26	PFHpS	375-92-8	9.11	449.115 > 80.062	20579		9.336	1.79	NO	98.0
27	PFNA	375-95-1	9.77	463.071 > 419.061	58825		9.853	3.76	NO	98.5
28	M9PFNA	INT STD	9.77	472.002 > 427.	51377		10.714		na	107.1
29	br-PFOS	1763-23-1	9.64	499.123 > 80.062	5117	M5,M7	2.134	4.25	NO	101.1
30	L-PFOS	1763-23-1	9.82	499.123 > 80.062	15096		8.129	1.83	NO	103.0
31	PFOS	1763-23-1		499.123 > 80.062	20213		10.263		na	
32	M4PFOS	INT STD	9.82	503.093 > 80.062	17051		10.713		na	107.1
33	M8PFOS	INT STD	9.82	507.062 > 80.062	19619		11.224		na	117.0
34	PFDA	335-76-2	10.40	513.078 > 469.069	39025		9.500	2.60	NO	95.0
35	M2PFDA	INT STD	10.40	515.063 > 470.061	40098		13.077		na	130.8
36	M6PFDA	INT STD	10.40	519.033 > 474.03	39849		11.513		na	115.1
37	8:2FTS	39108-34-4	10.39	527.177 > 507.171	3164		11.765	1.54	NO	122.6
38	M2-8:2FTS	INT STD	10.39	529.162 > 509.155	3348		11.123		na	115.9
39	PFNS	68259-12-1	10.43	549.131 > 80.062	19222		10.004	2.16	NO	104.0

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:23 Eastern Daylight Time

ID: WG1665978-2
Name: I24232
Date: 31-Jul-2022
Time: 00:18:10
Description: WG1669313,WG1665978,ICAL19203
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:SG
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.80	573.22 > 419.061	6439		7.959		na	79.6
41	br-NMeFOSAA	2355-31-9	10.64	570.202 > 419.061	436	M5,M7	2.849	0.86	NO	118.7
42	L-NMeFOSAA	2355-31-9	10.80	570.202 > 419.061	3492		8.287	1.90	NO	109.0
43	NMeFOSAA	2355-31-9		570.202 > 419.061	3927		11.135		na	
44	PFUnA	2058-94-8	10.95	563.086 > 519.076	47166		11.584	5.99	NO	115.8
45	M7-PFUDA	INT STD	10.95	570.033 > 525.031	39460		11.293		na	112.9
46	PFDS	335-77-3	10.96	598.926 > 80.062	16529		11.303	2.32	NO	117.1
47	FOSA	754-91-6	10.89	498.146 > 78.07	8314		10.461	78.64	NO	104.6
48	M8FOSA	INT STD	10.89	506.077 > 78.07	8254		1.491		na	14.9
49	d5-NEtFOSAA	INT STD	11.09	589.259 > 419.061	7696		9.273		na	92.7
50	br-NEtFOSAA	2991-50-6	10.95	584.229 > 419.061	406	M5,M7	2.060	0.69	NO	91.5
51	L-NEtFOSAA	2991-50-6	11.10	584.229 > 419.061	4441		8.901	1.27	NO	114.9
52	NEtFOSAA	2991-50-6		584.229 > 419.061	4847		10.961		na	
53	PFDoA	307-55-1	11.43	613.094 > 569.084	42040		9.766	6.14	NO	97.7
54	MPFDOA	INT STD	11.43	615.079 > 570.077	44647		10.821		na	108.2
55	PFTrDA	72629-94-8	11.85	663.102 > 619.092	25793		10.762	4.71	NO	107.6
56	PFTA	376-06-7	12.21	713.11 > 669.1	23292		10.758	7.12	NO	107.6
57	M2PFTEDA	INT STD	12.21	715.094 > 670.092	23081		10.165		na	101.7

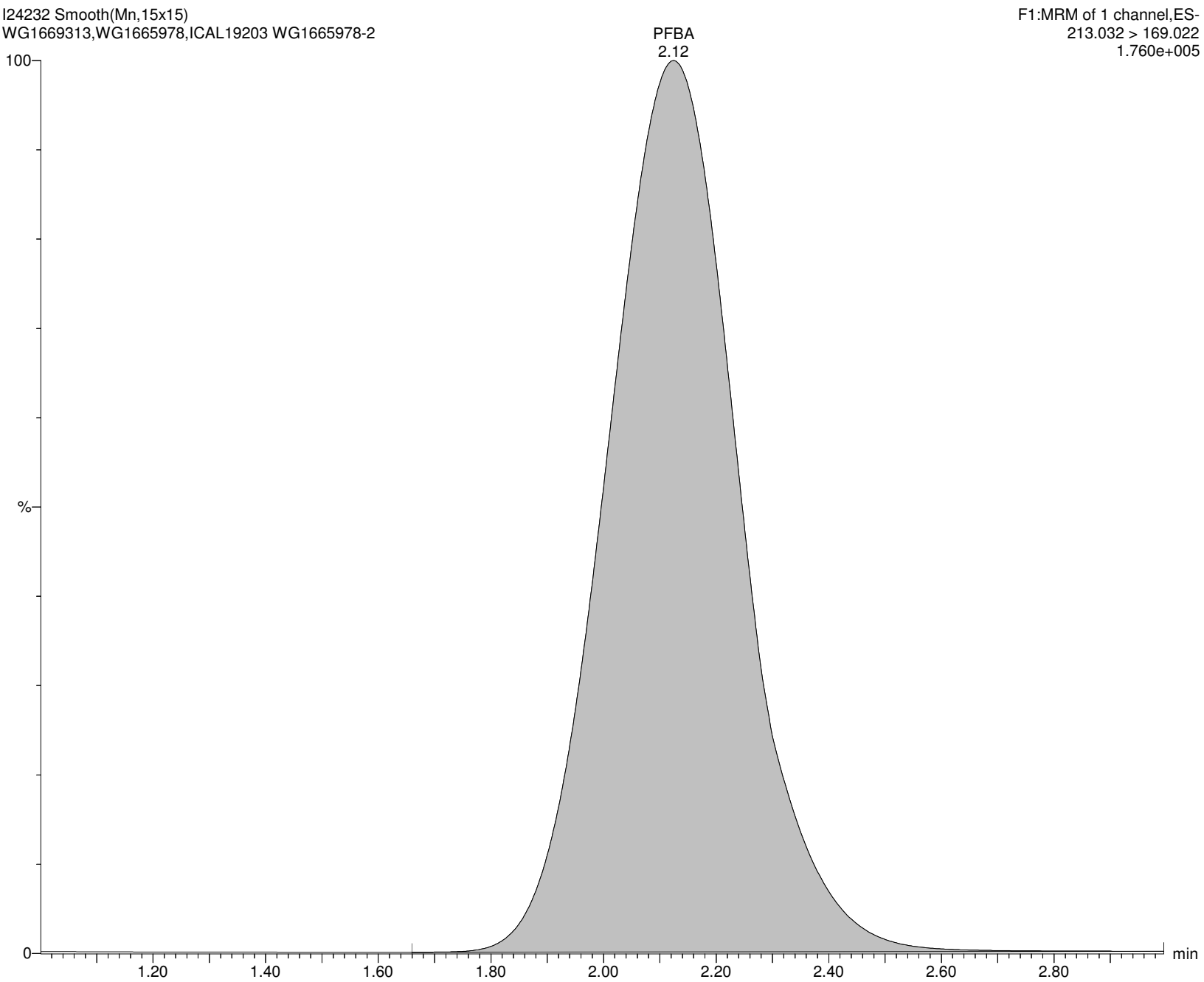
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:23 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220730_537ISO.PRO\MethDB\537ISO_Q_220725_RT.mdb 29 Jul 2022 09:44:29
Calibration: C:\MassLynx\Data\2022\220730_537ISO.PRO\CurveDB\220725_ICAL.cdb 26 Jul 2022 09:37:13

Name: I24232
ID: WG1665978-2
Date: 31-Jul-2022
Time: 00:18:10
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFBA

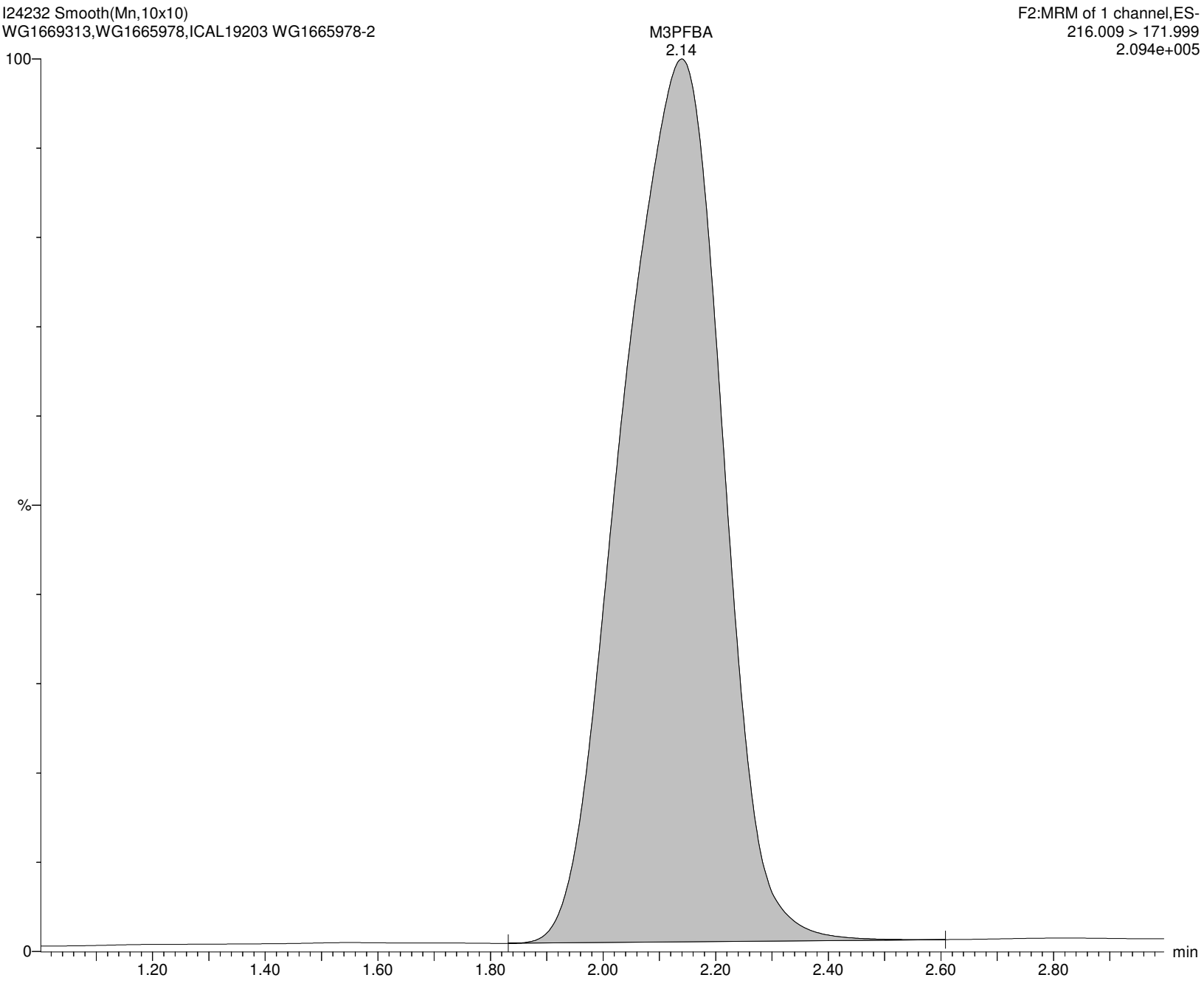


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:23 Eastern Daylight Time

Name: I24232
ID: WG1665978-2
Date: 31-Jul-2022
Time: 00:18:10
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M3PFBA

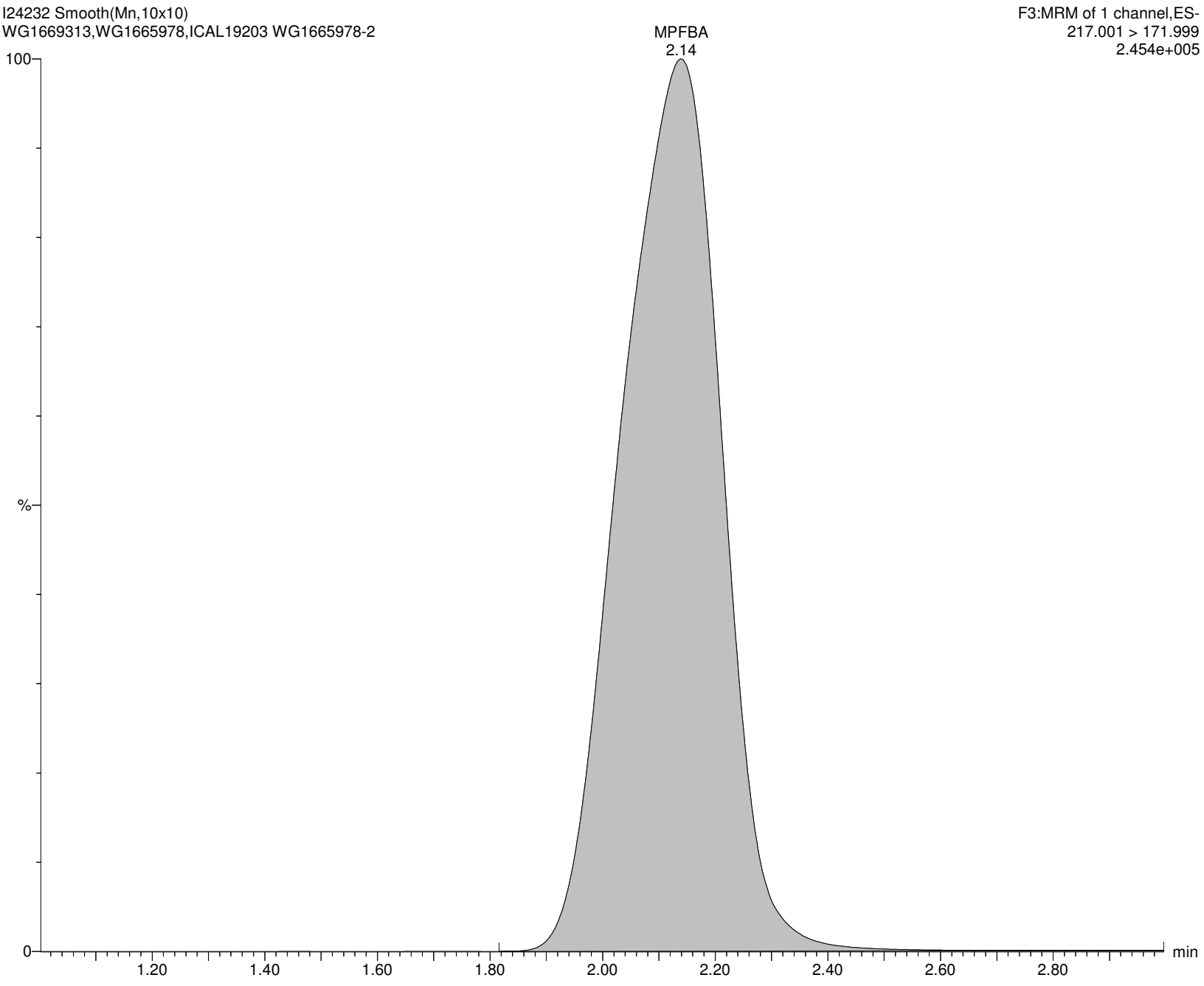


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:23 Eastern Daylight Time

Name: I24232
ID: WG1665978-2
Date: 31-Jul-2022
Time: 00:18:10
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

MPFBA

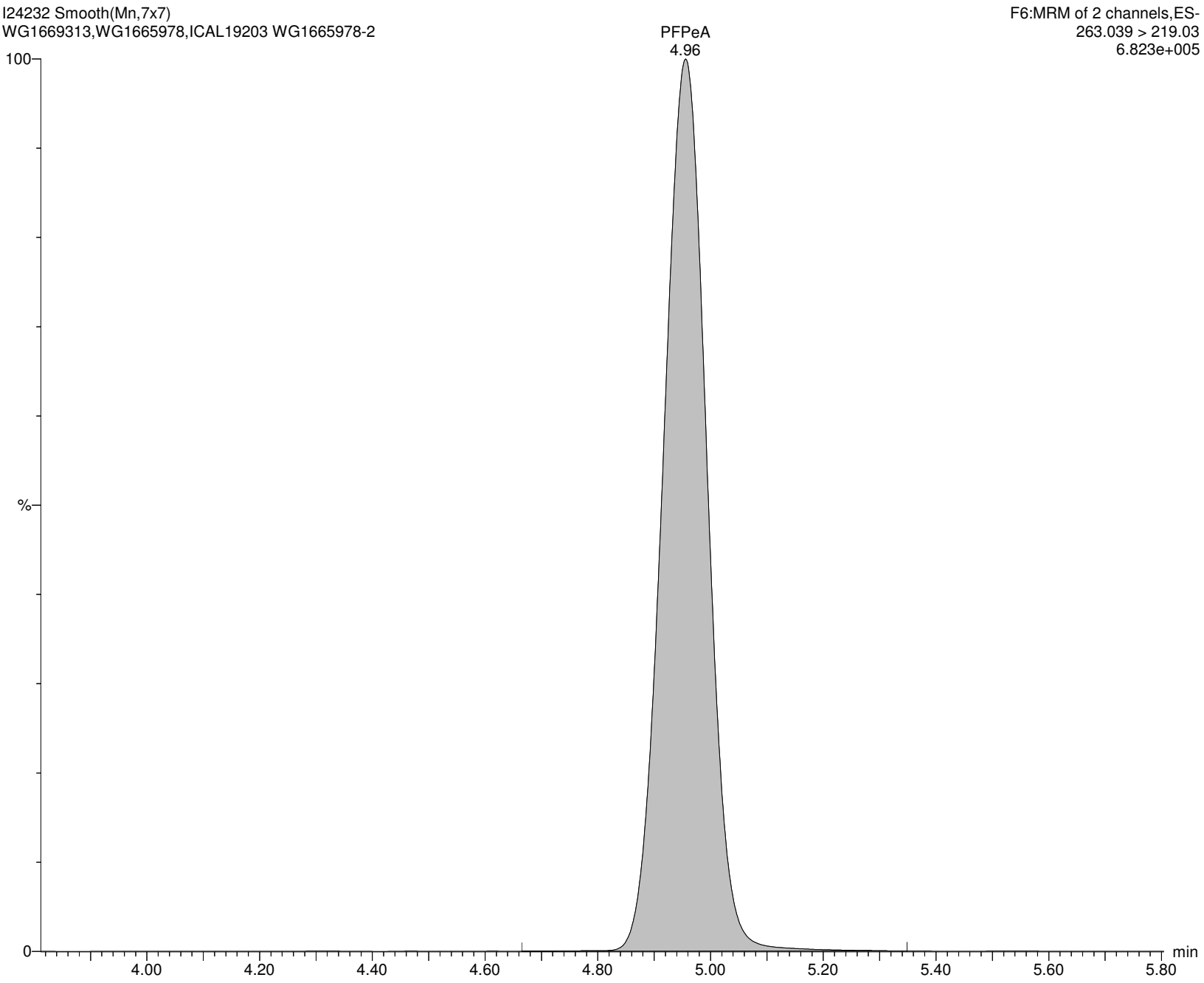


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:23 Eastern Daylight Time

Name: I24232
ID: WG1665978-2
Date: 31-Jul-2022
Time: 00:18:10
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFPeA

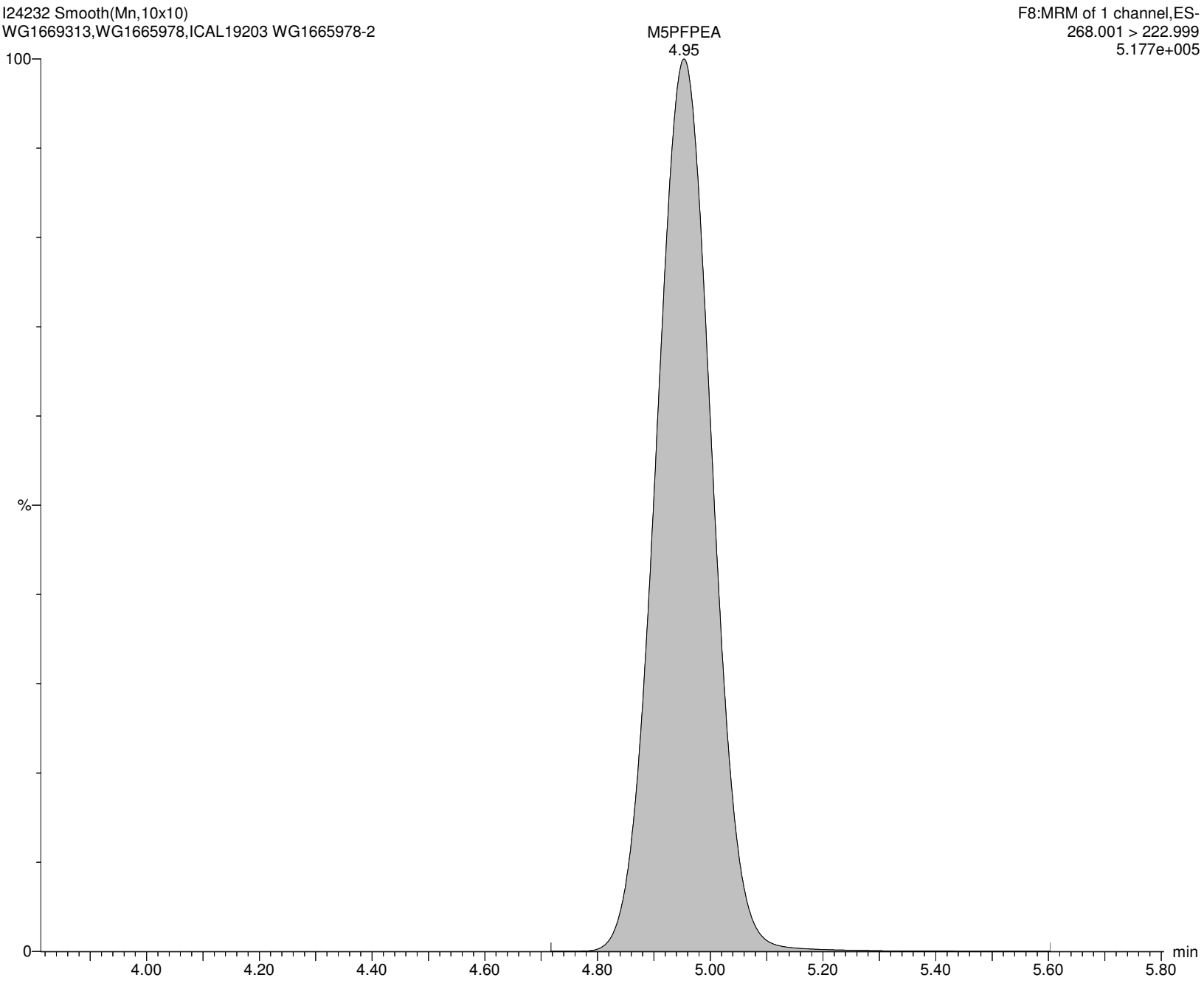


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:23 Eastern Daylight Time

Name: I24232
ID: WG1665978-2
Date: 31-Jul-2022
Time: 00:18:10
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M5PFPEA

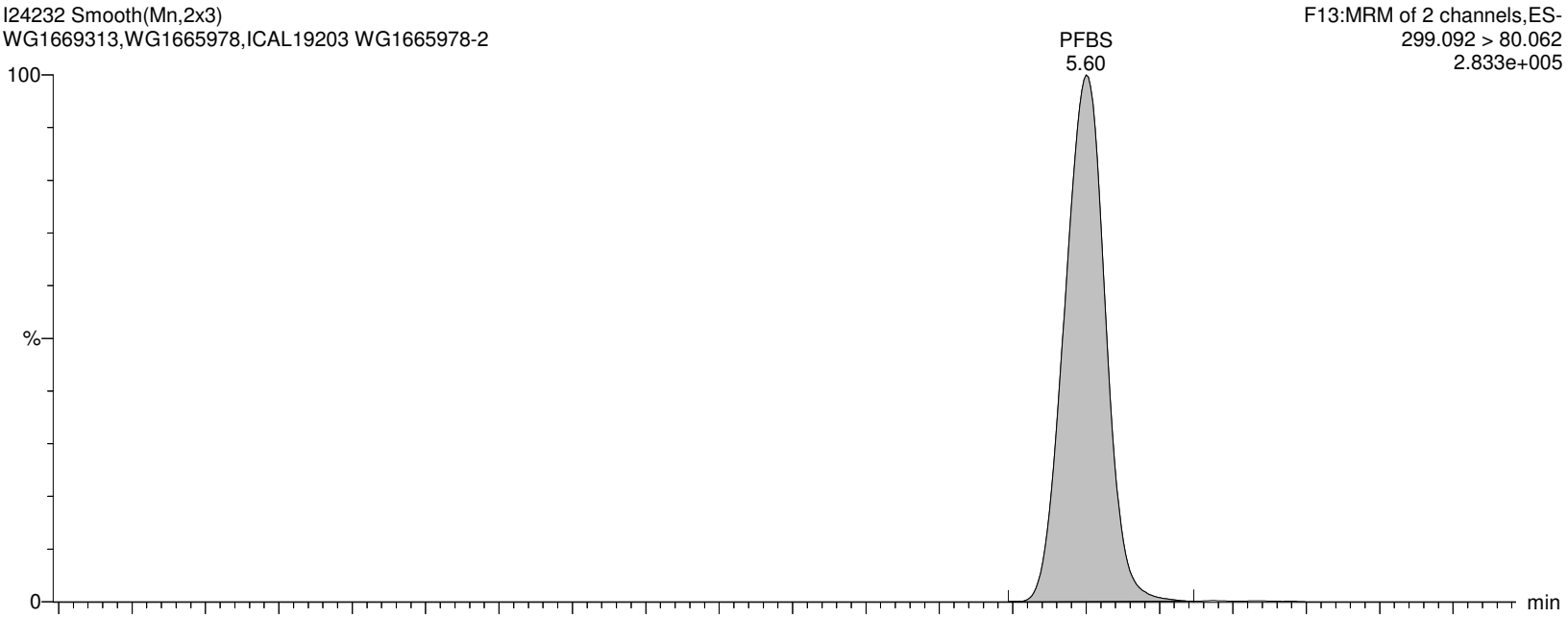


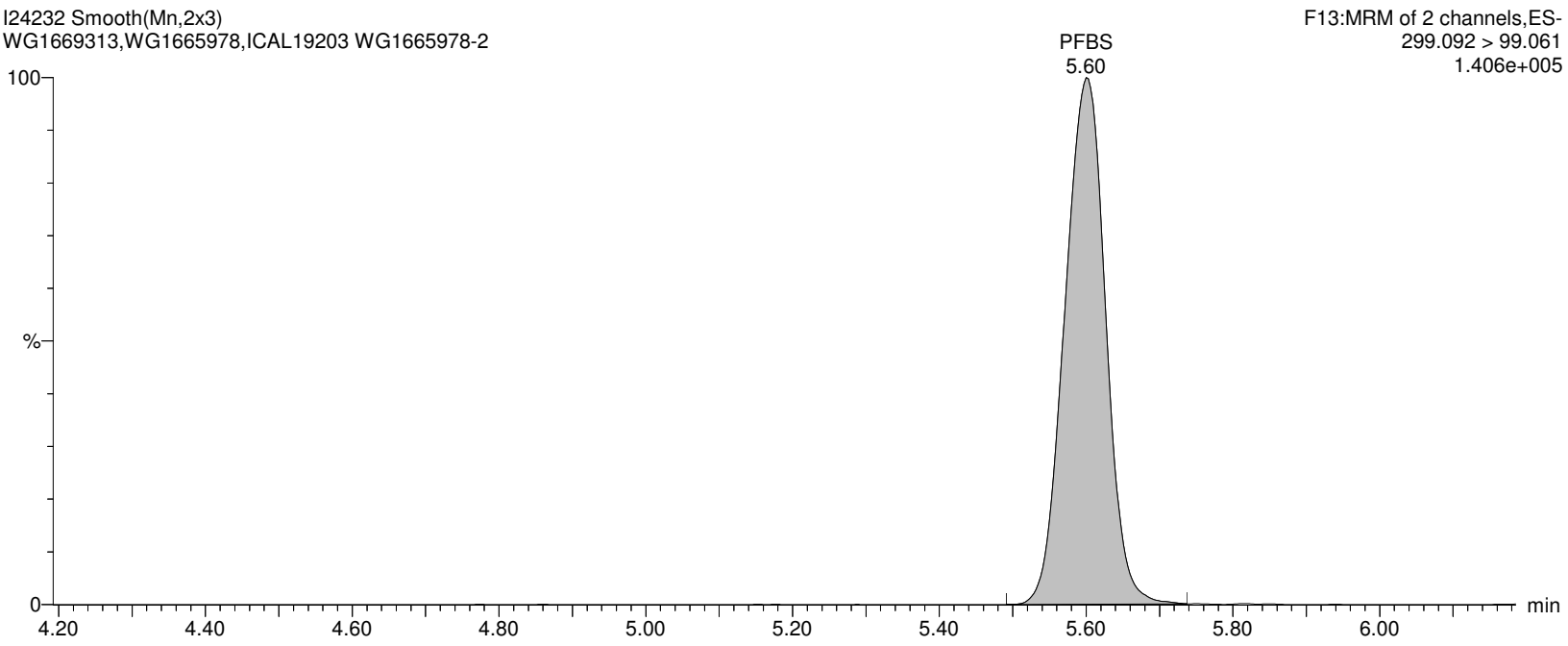
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:23 Eastern Daylight Time

Name: I24232
ID: WG1665978-2
Date: 31-Jul-2022
Time: 00:18:10
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFBS



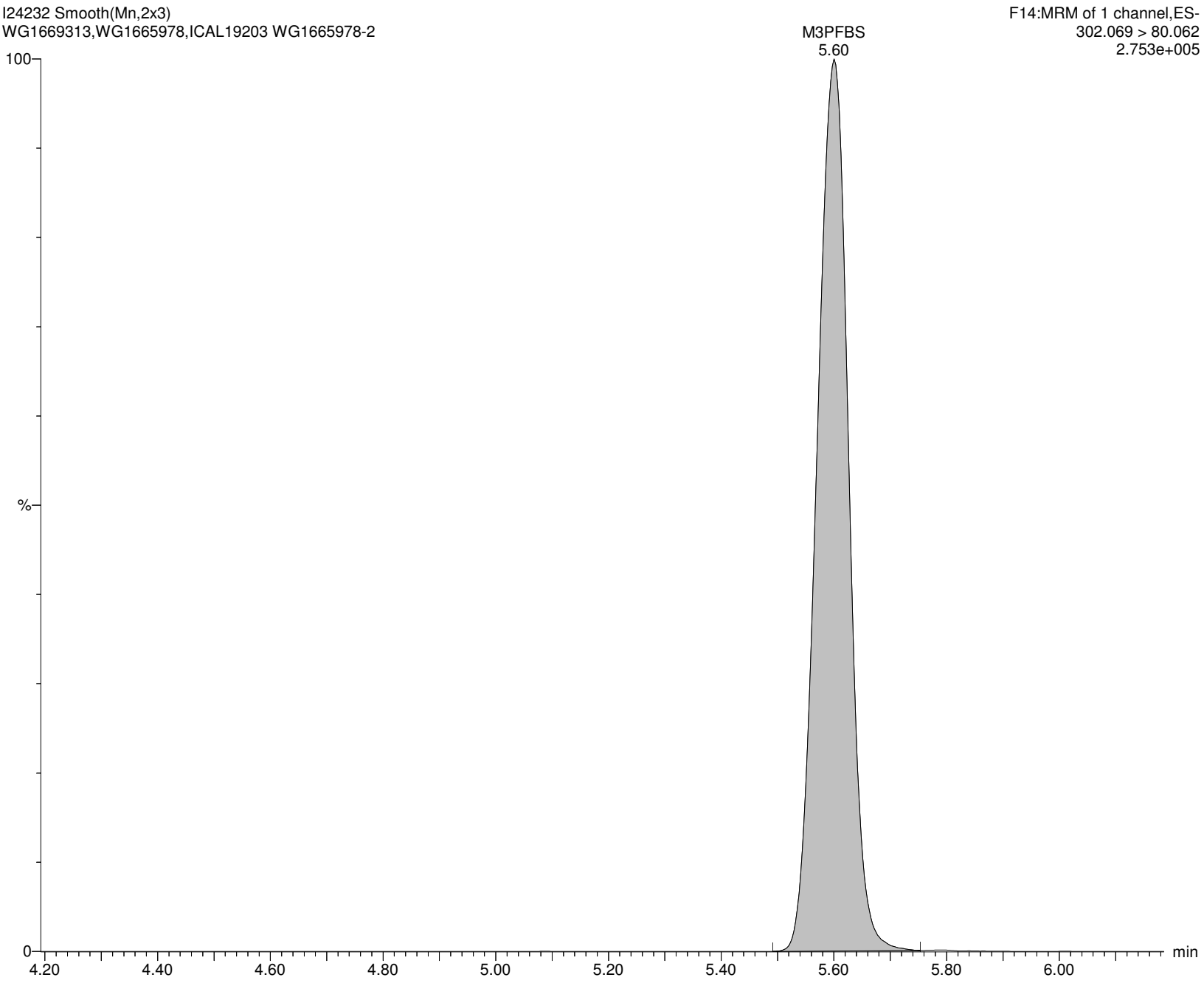


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:23 Eastern Daylight Time

Name: I24232
ID: WG1665978-2
Date: 31-Jul-2022
Time: 00:18:10
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M3PFBS

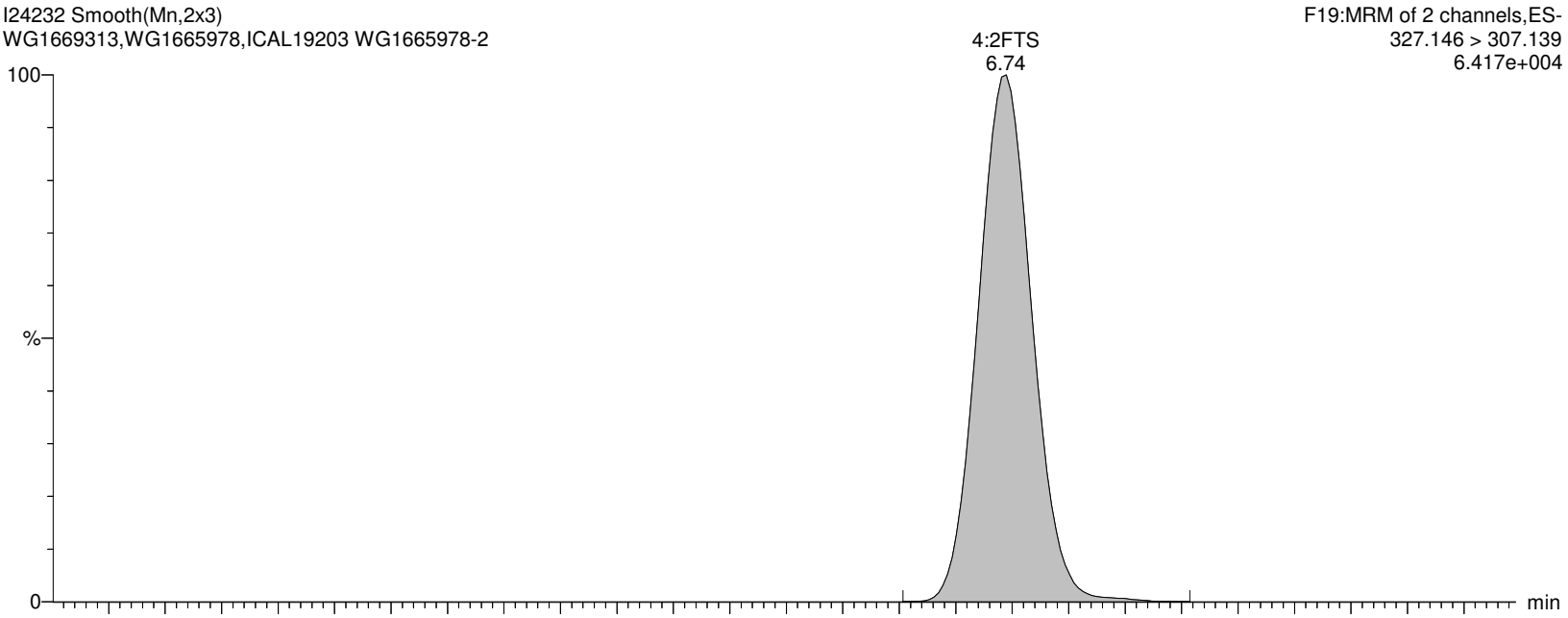


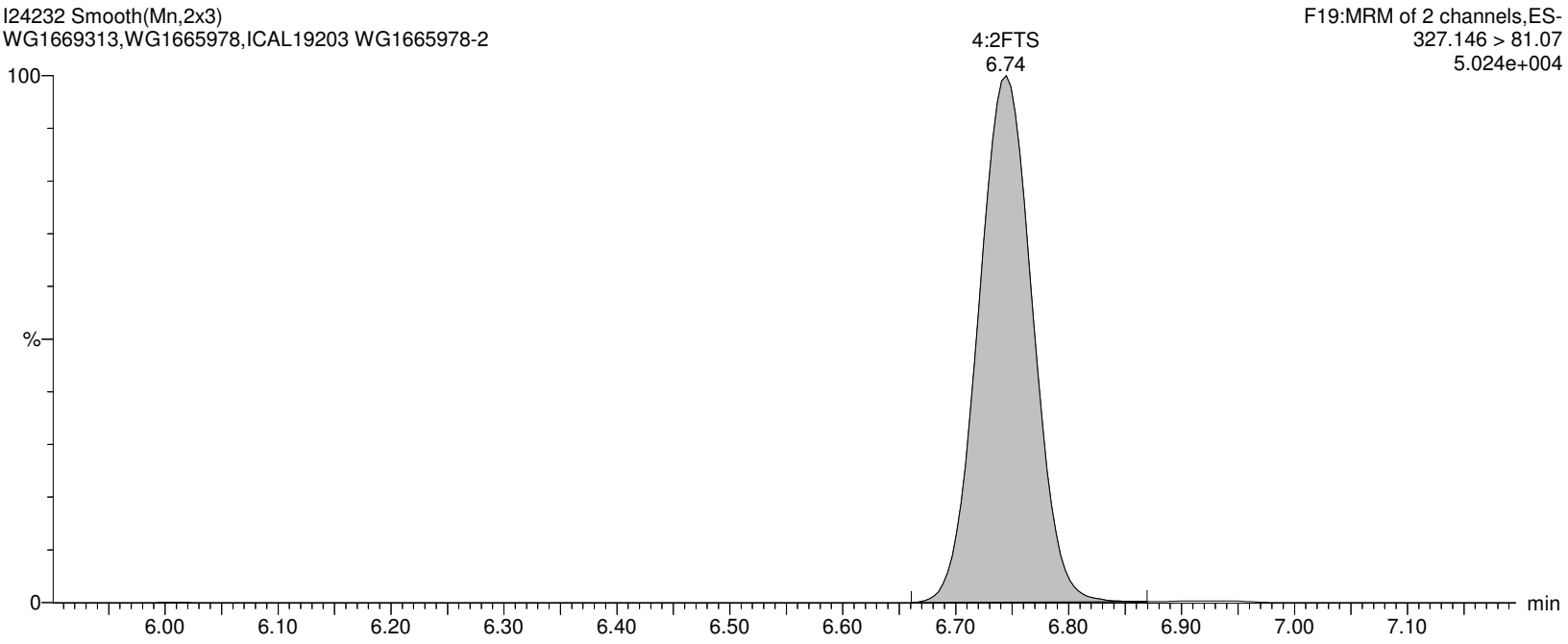
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:23 Eastern Daylight Time

Name: I24232
ID: WG1665978-2
Date: 31-Jul-2022
Time: 00:18:10
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

4:2FTS



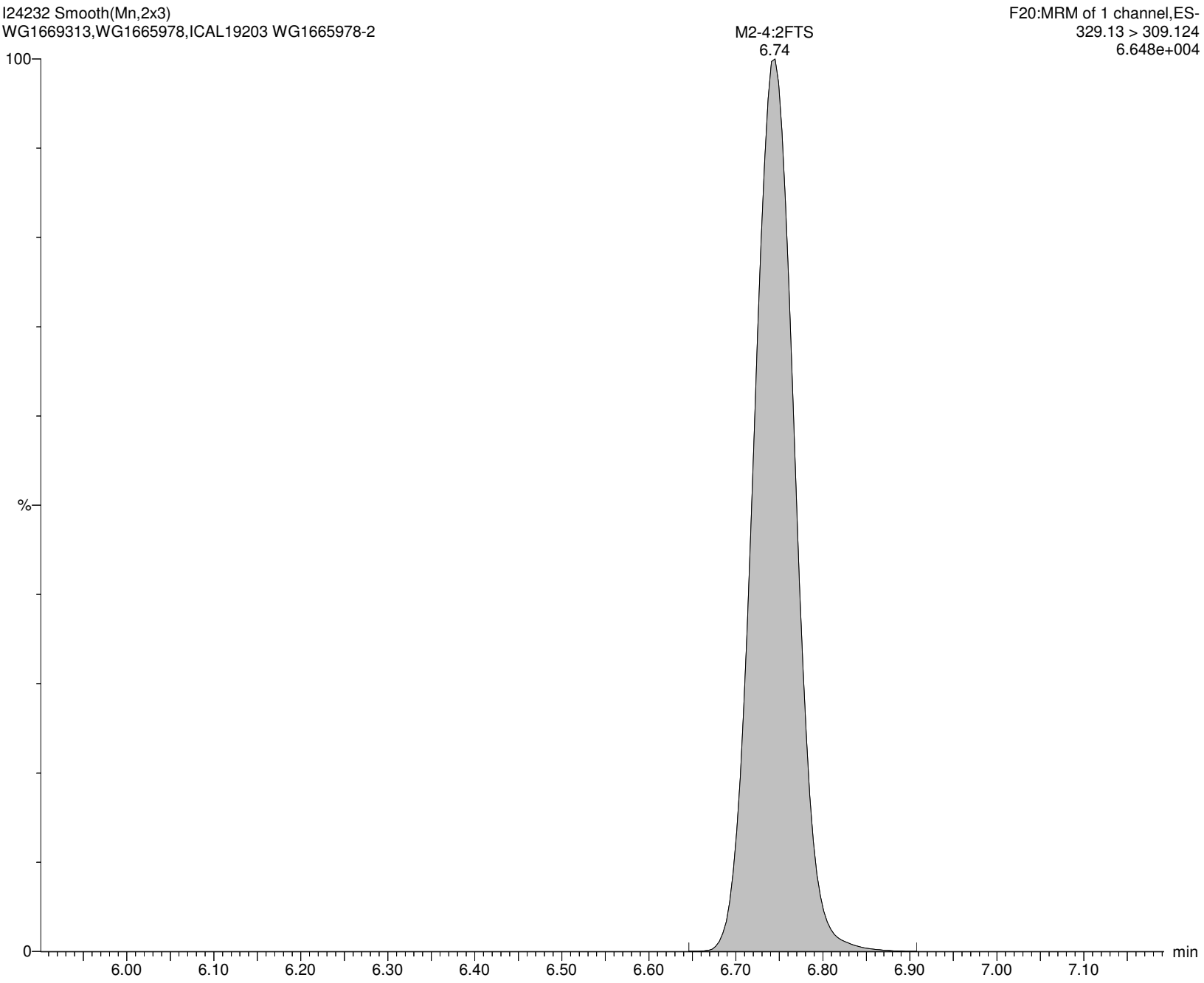


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:23 Eastern Daylight Time

Name: I24232
ID: WG1665978-2
Date: 31-Jul-2022
Time: 00:18:10
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2-4:2FTS

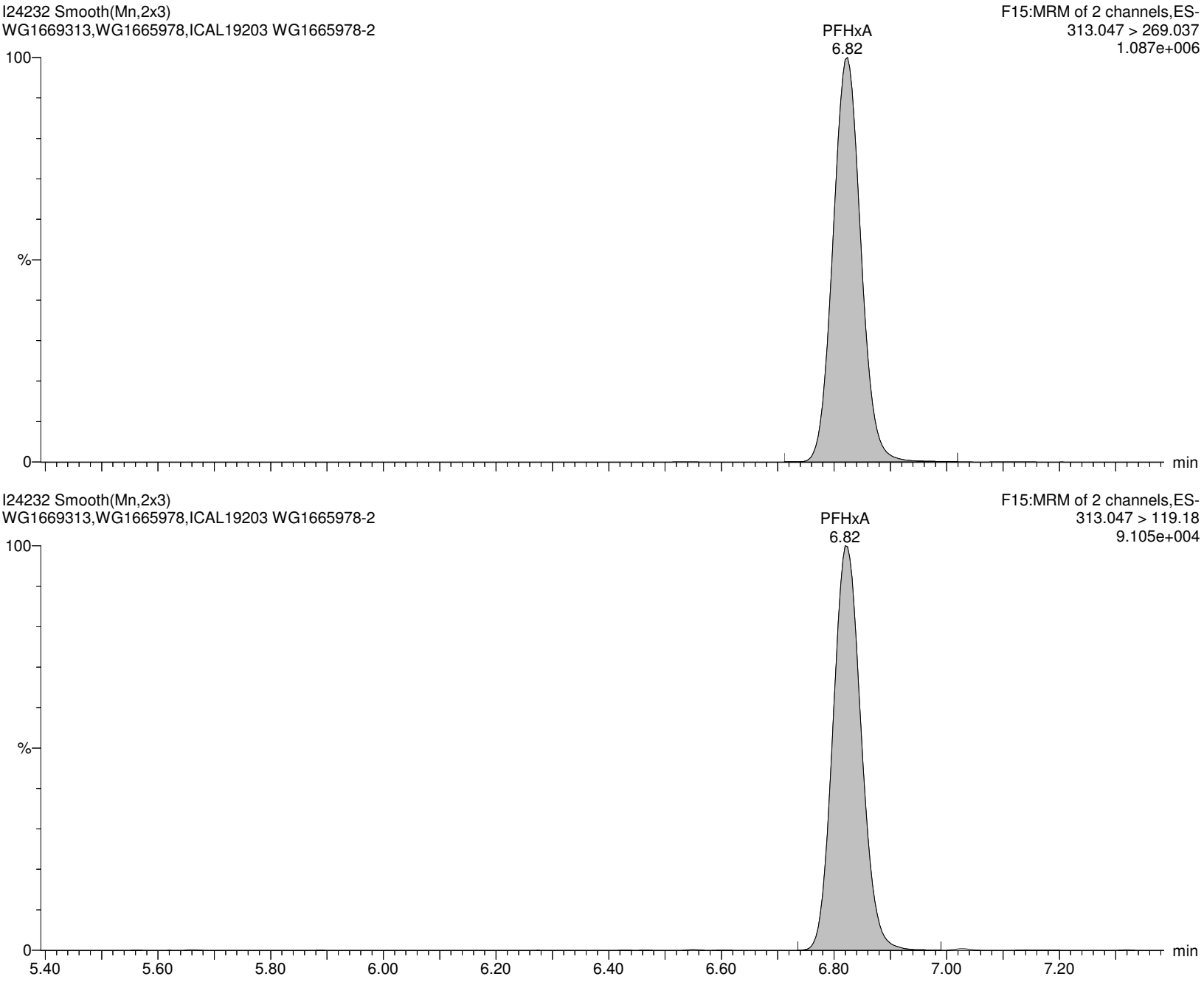


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:23 Eastern Daylight Time

Name: I24232
ID: WG1665978-2
Date: 31-Jul-2022
Time: 00:18:10
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFHxA

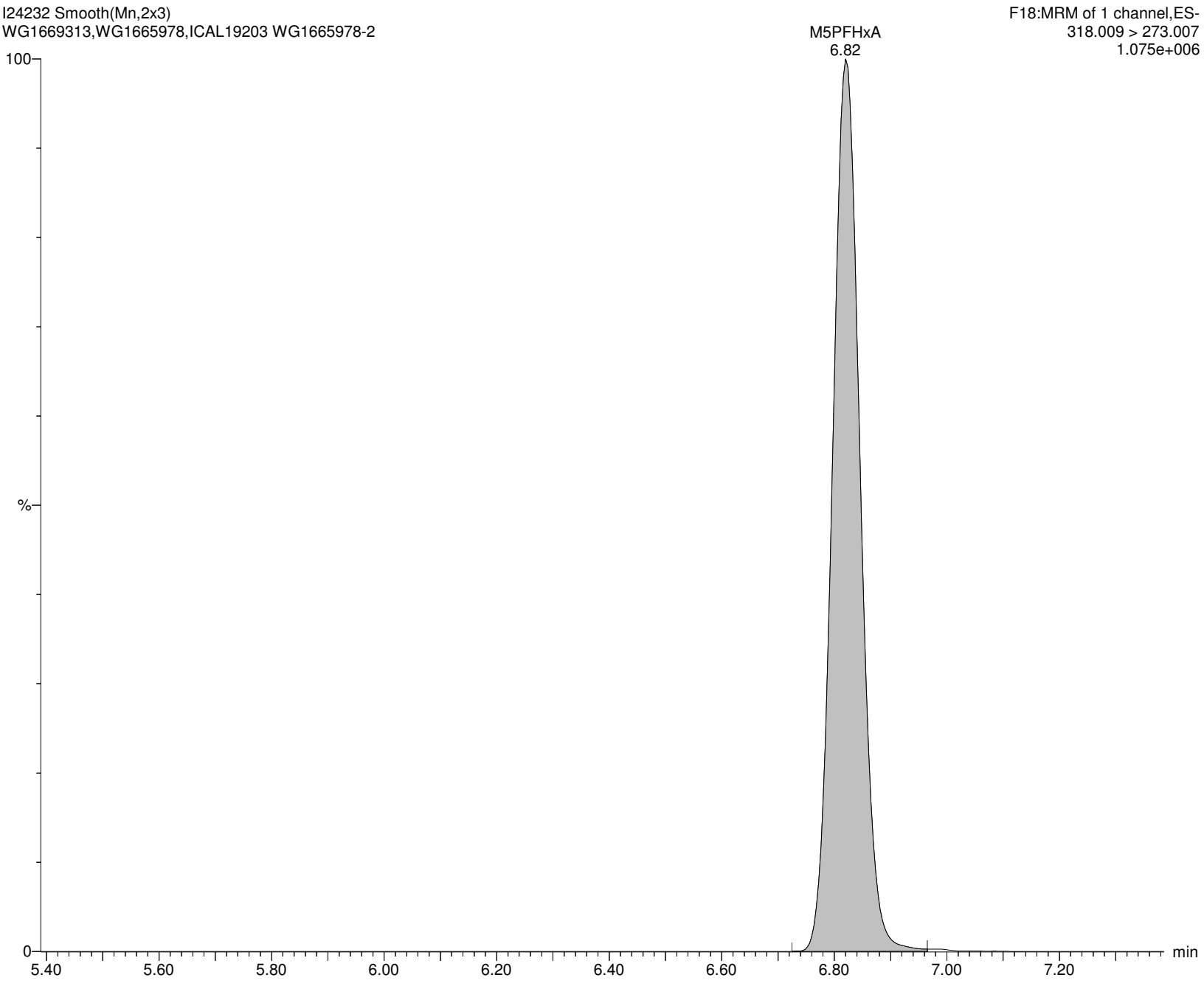


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:23 Eastern Daylight Time

Name: I24232
ID: WG1665978-2
Date: 31-Jul-2022
Time: 00:18:10
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M5PFHxA

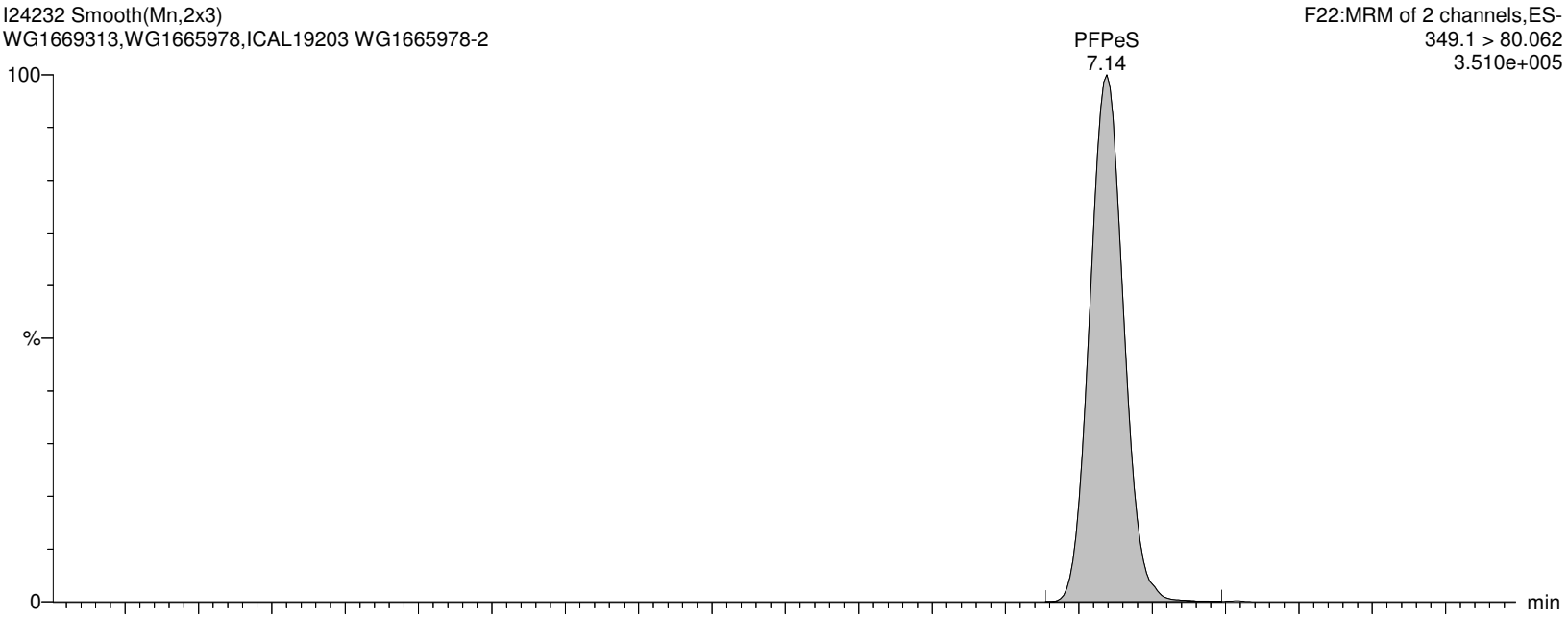


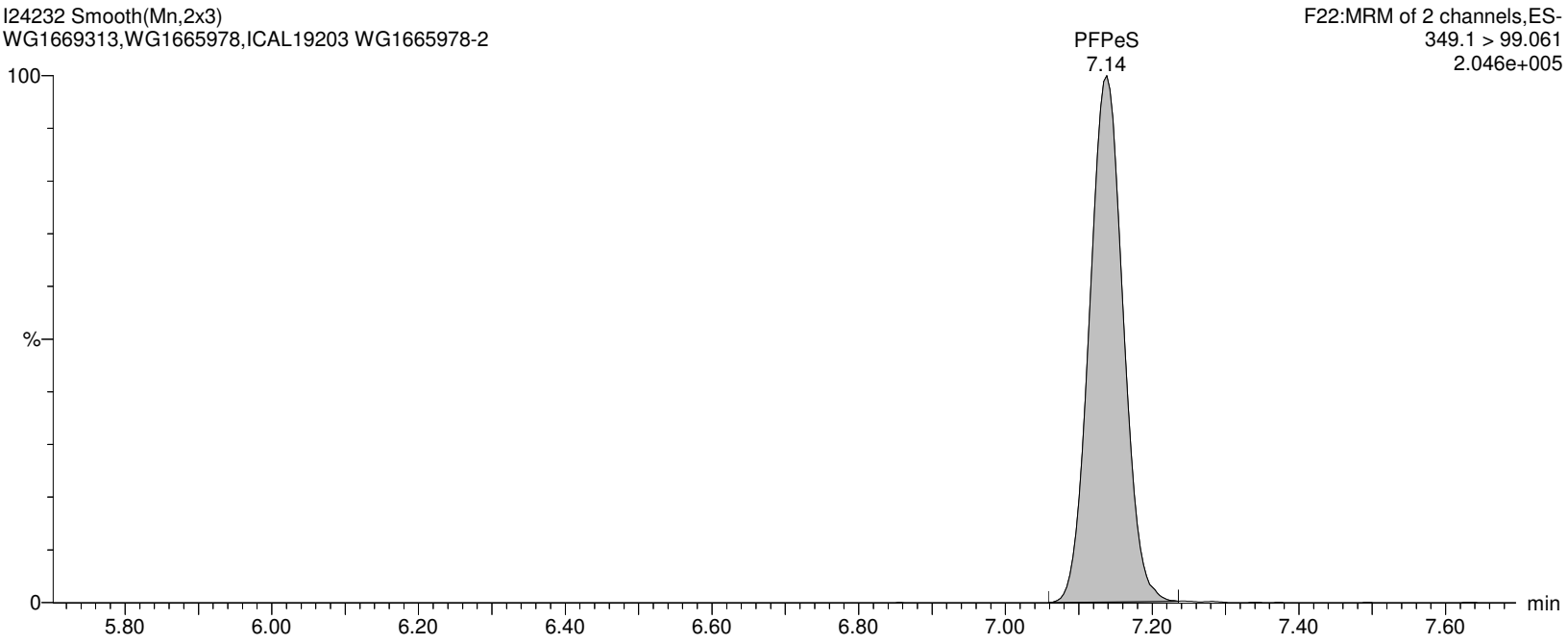
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:23 Eastern Daylight Time

Name: I24232
ID: WG1665978-2
Date: 31-Jul-2022
Time: 00:18:10
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFPeS



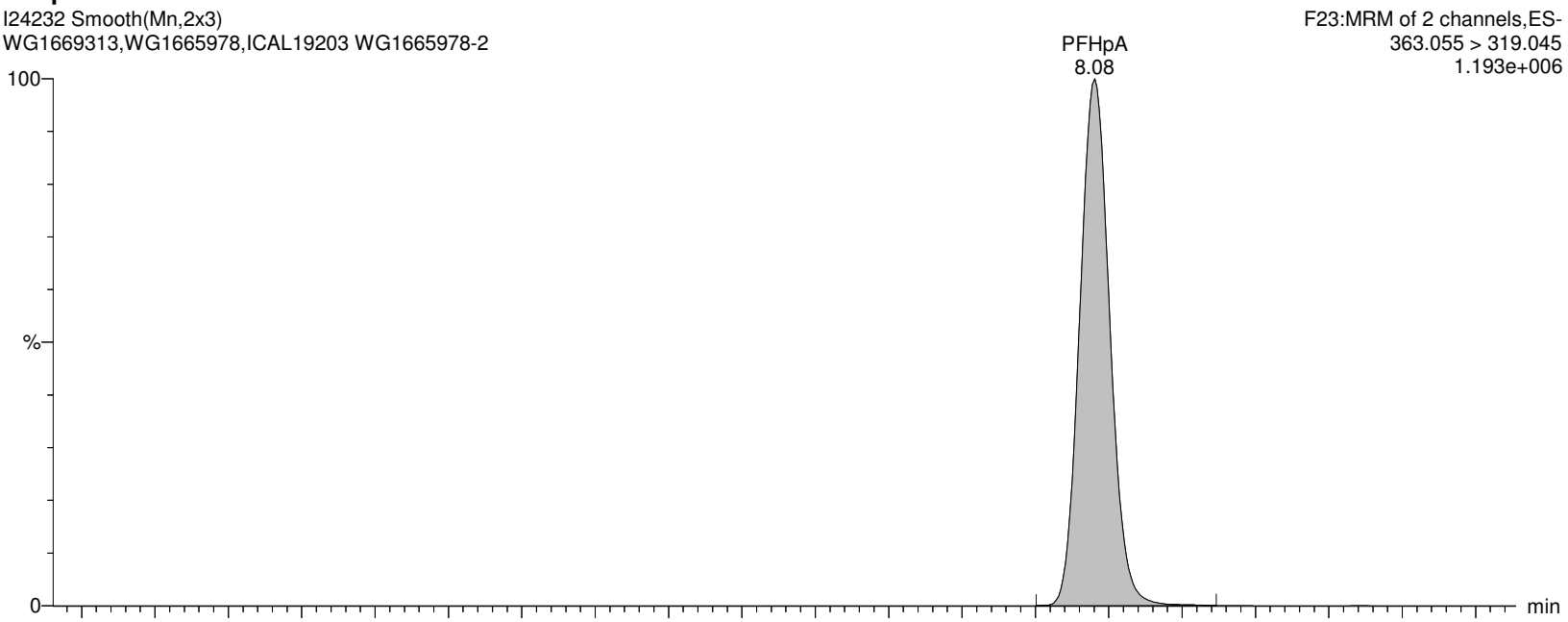


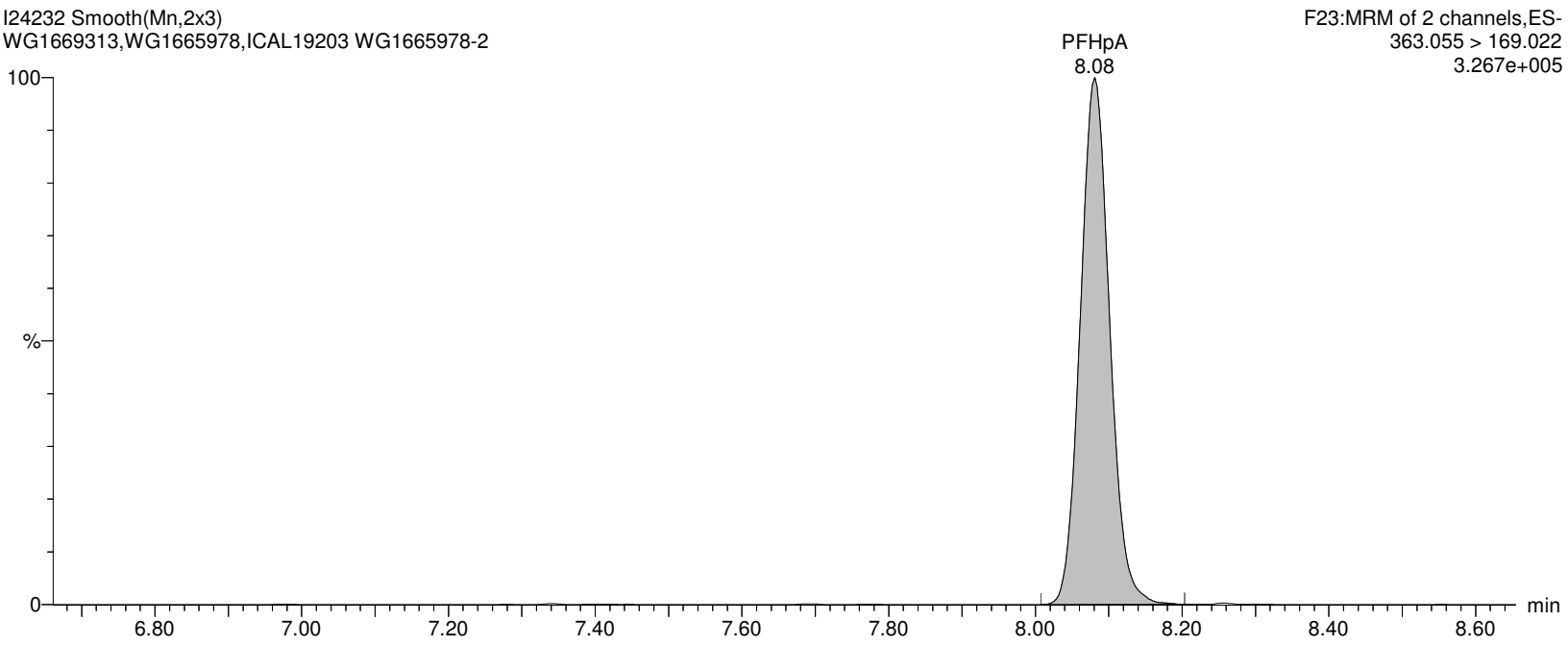
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:23 Eastern Daylight Time

Name: I24232
ID: WG1665978-2
Date: 31-Jul-2022
Time: 00:18:10
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFHpA



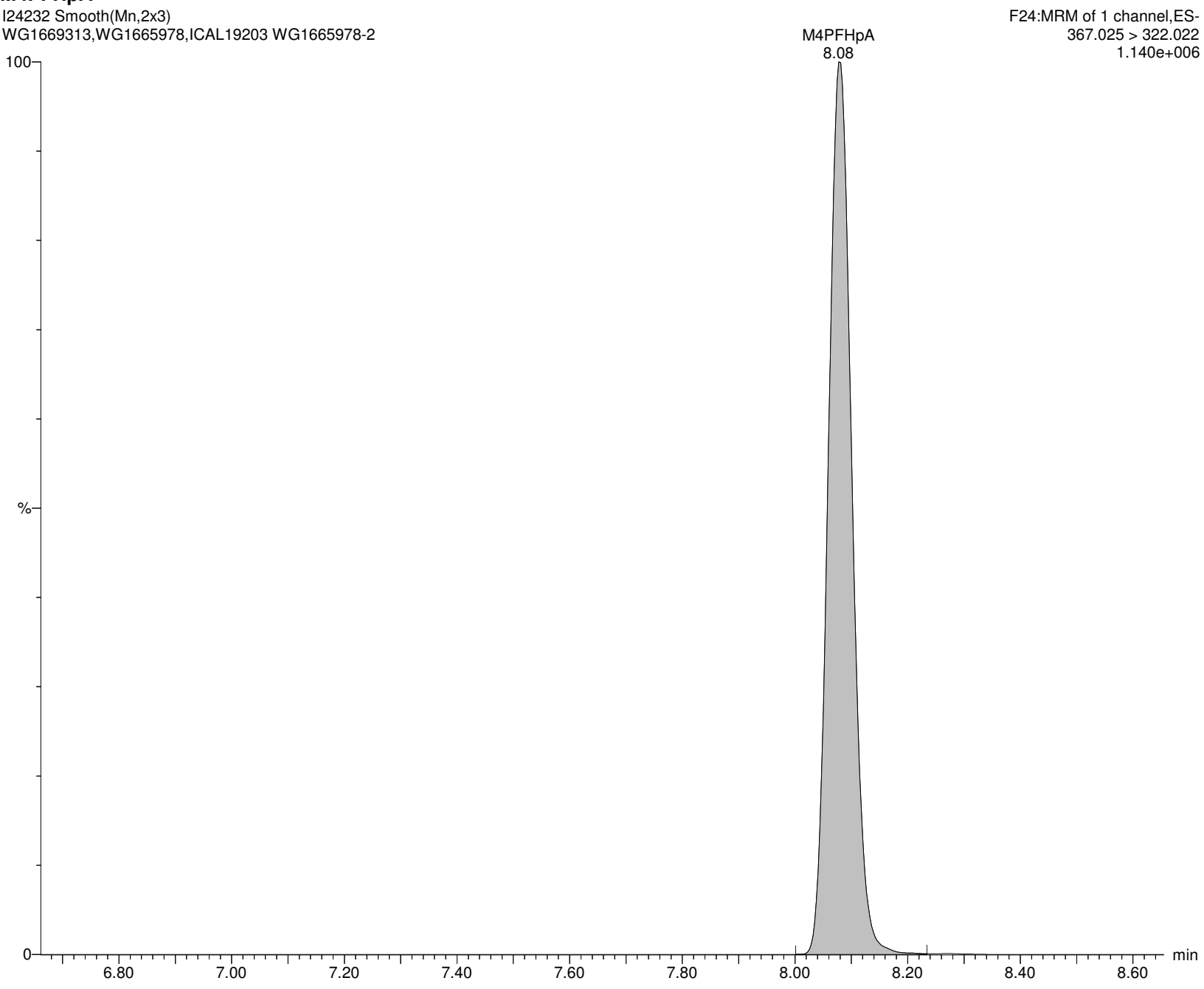


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:23 Eastern Daylight Time

Name: I24232
ID: WG1665978-2
Date: 31-Jul-2022
Time: 00:18:10
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M4PFHpA

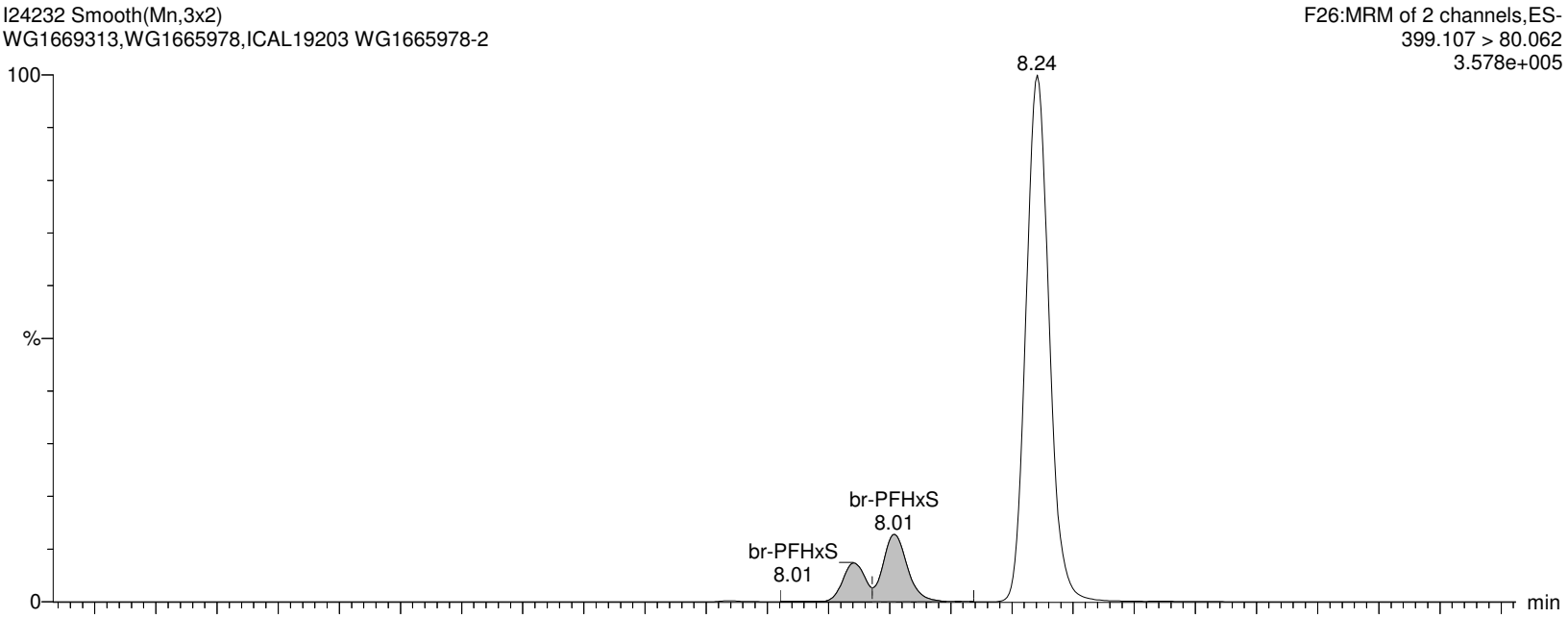


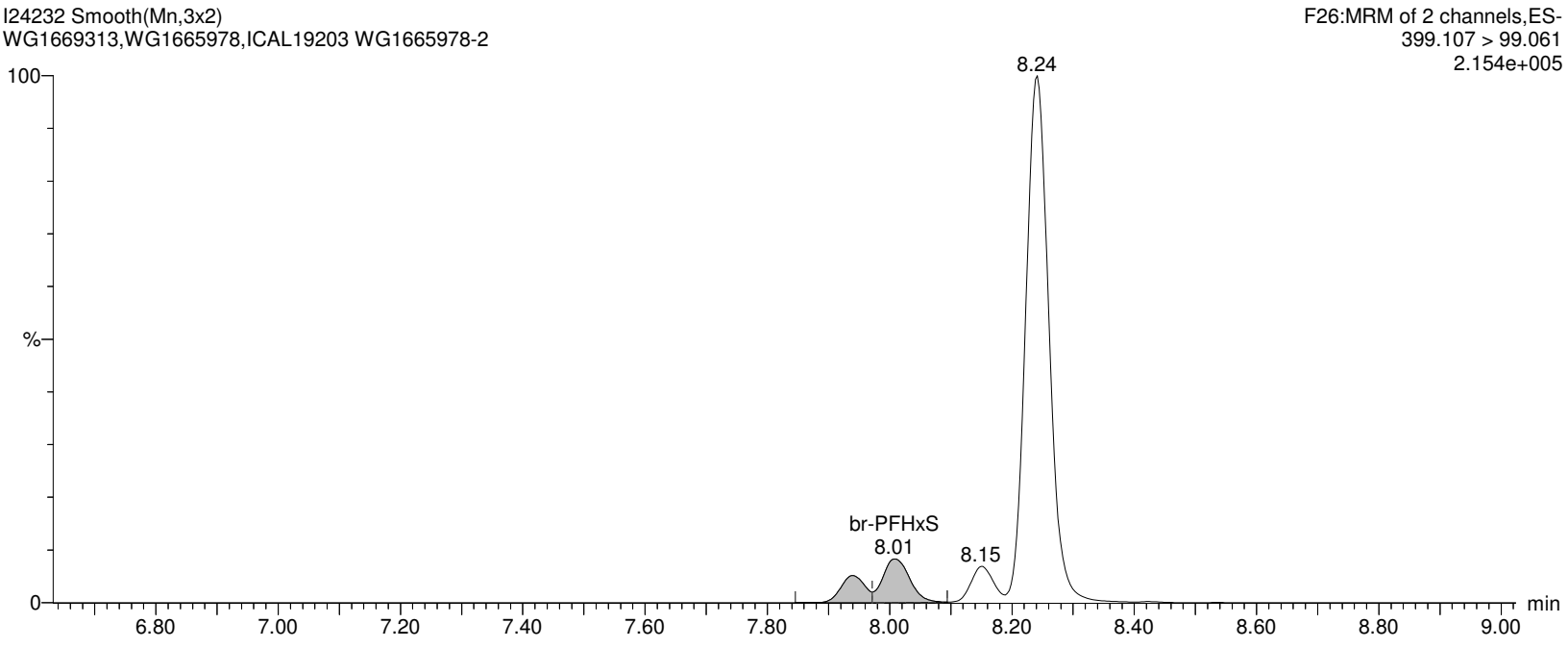
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:23 Eastern Daylight Time

Name: I24232
ID: WG1665978-2
Date: 31-Jul-2022
Time: 00:18:10
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

br-PFHxS



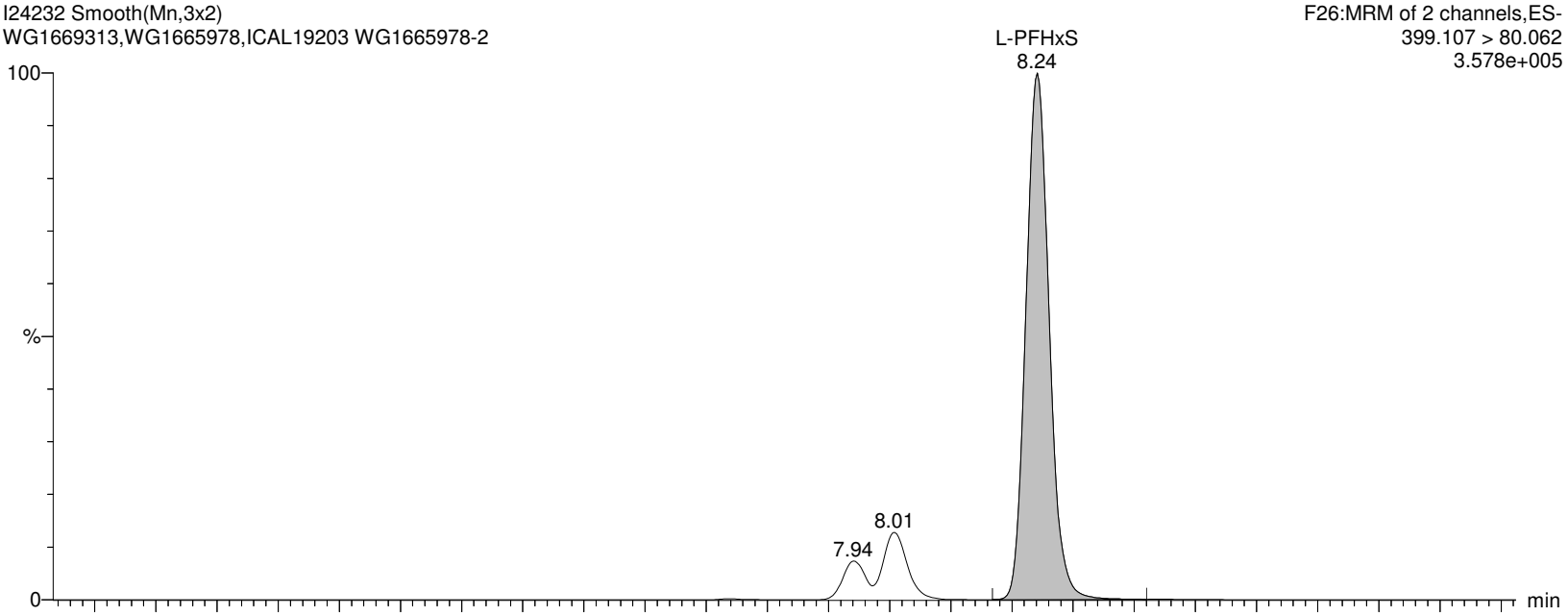


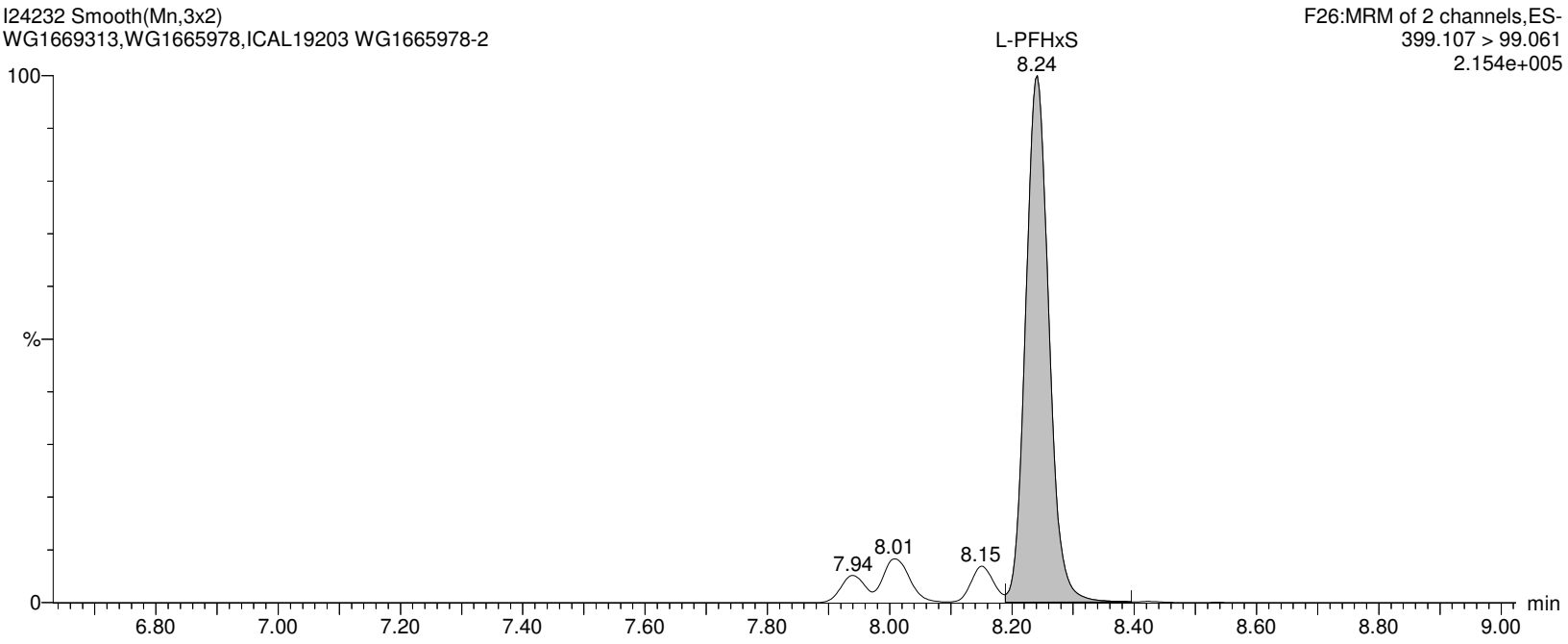
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:23 Eastern Daylight Time

Name: I24232
ID: WG1665978-2
Date: 31-Jul-2022
Time: 00:18:10
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

L-PFHxS



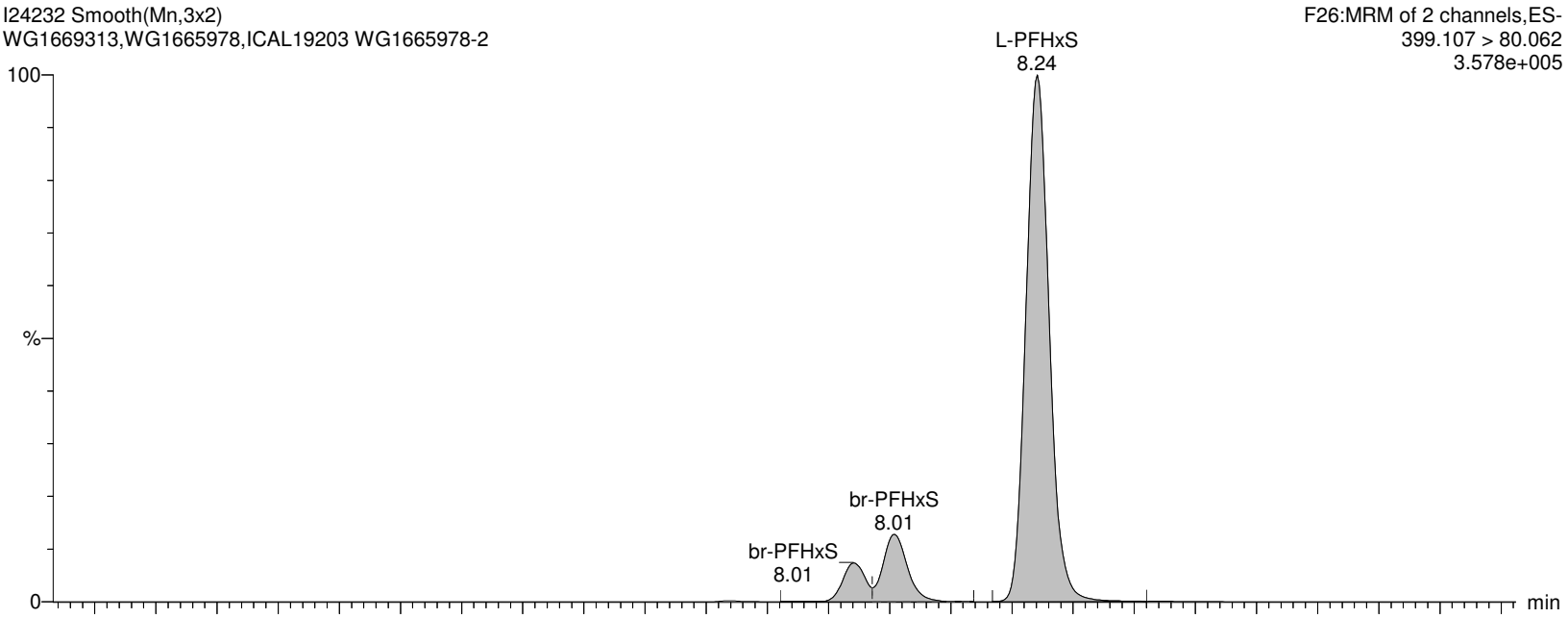


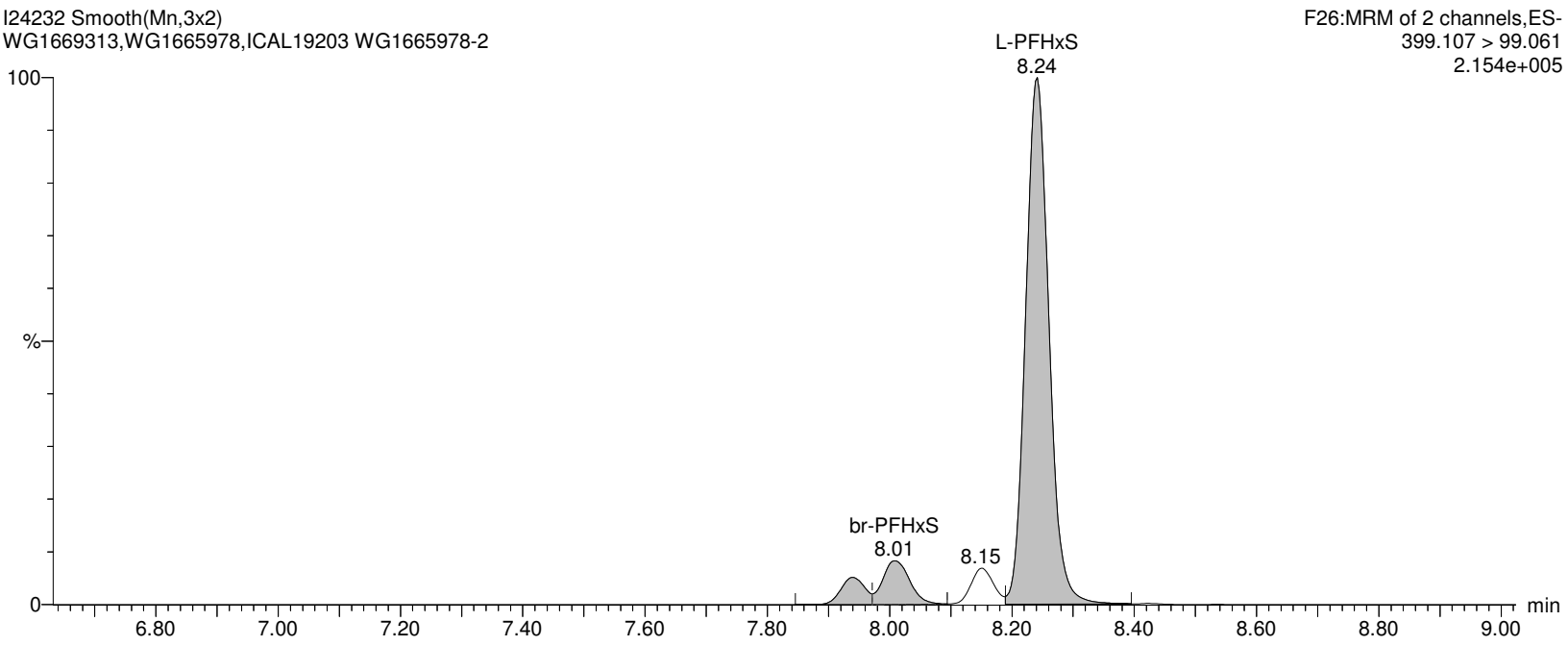
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:23 Eastern Daylight Time

Name: I24232
ID: WG1665978-2
Date: 31-Jul-2022
Time: 00:18:10
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFHxS



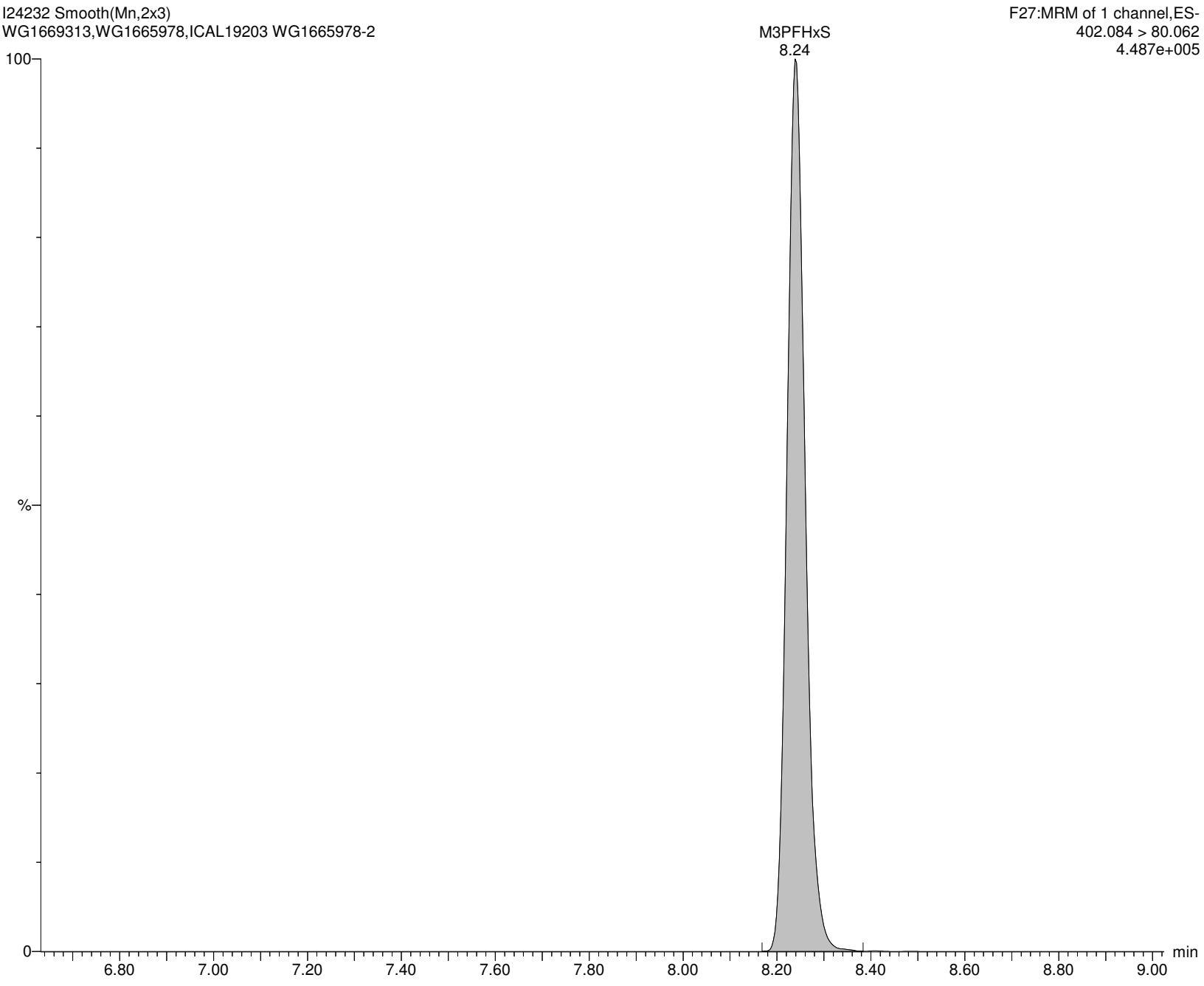


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:23 Eastern Daylight Time

Name: I24232
ID: WG1665978-2
Date: 31-Jul-2022
Time: 00:18:10
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M3PFHxS

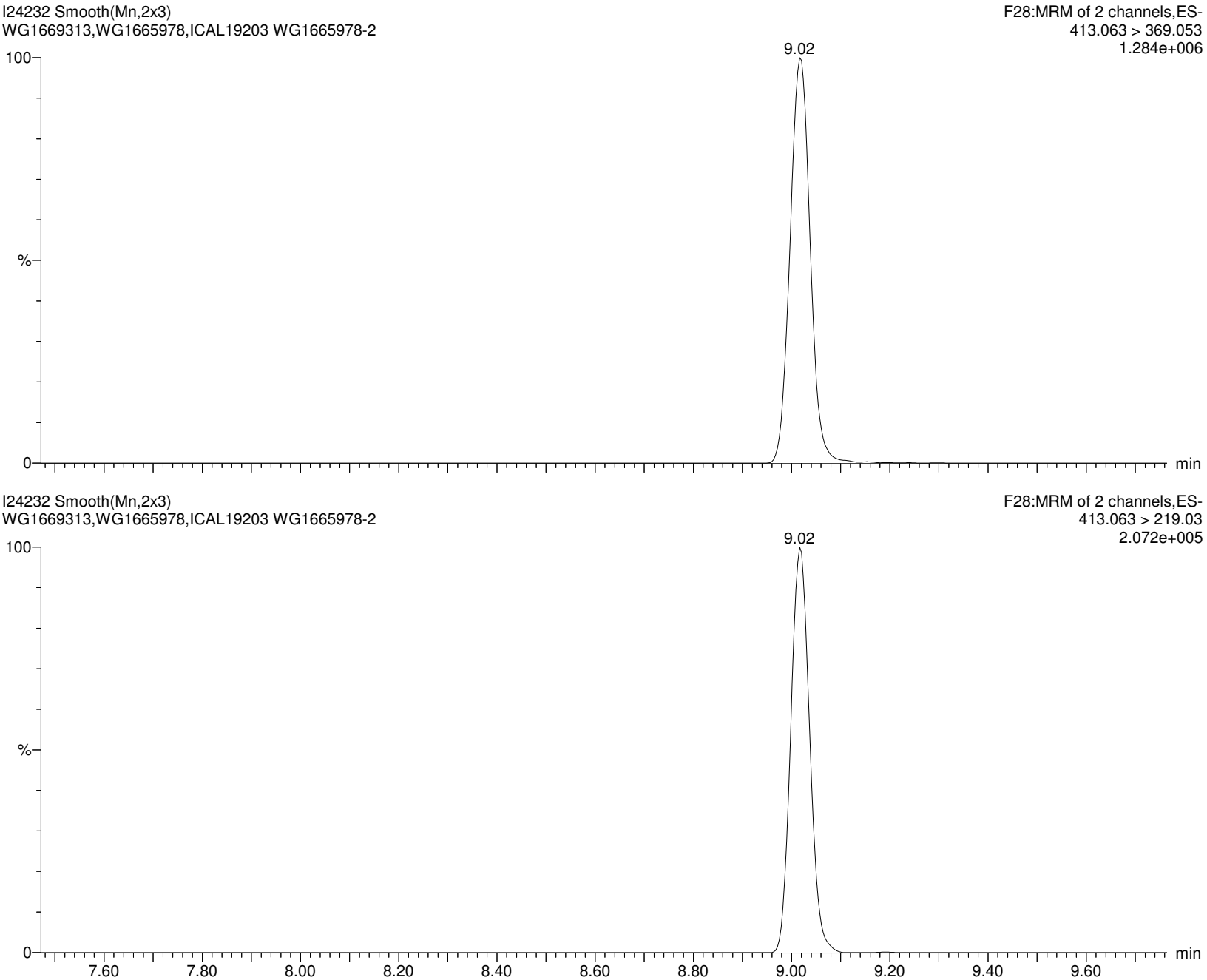


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:23 Eastern Daylight Time

Name: I24232
ID: WG1665978-2
Date: 31-Jul-2022
Time: 00:18:10
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

br-PFOA

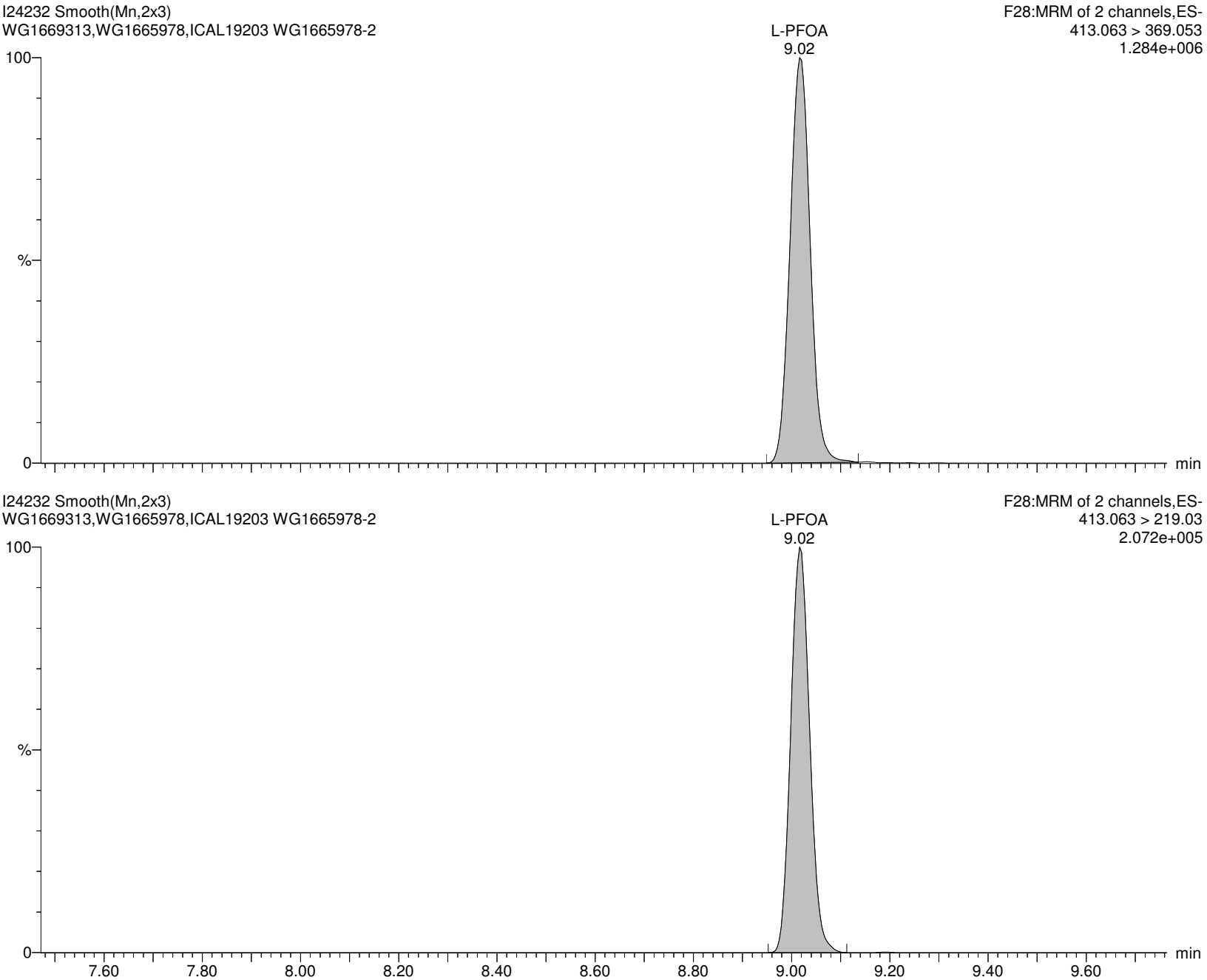


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:23 Eastern Daylight Time

Name: I24232
ID: WG1665978-2
Date: 31-Jul-2022
Time: 00:18:10
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

L-PFOA

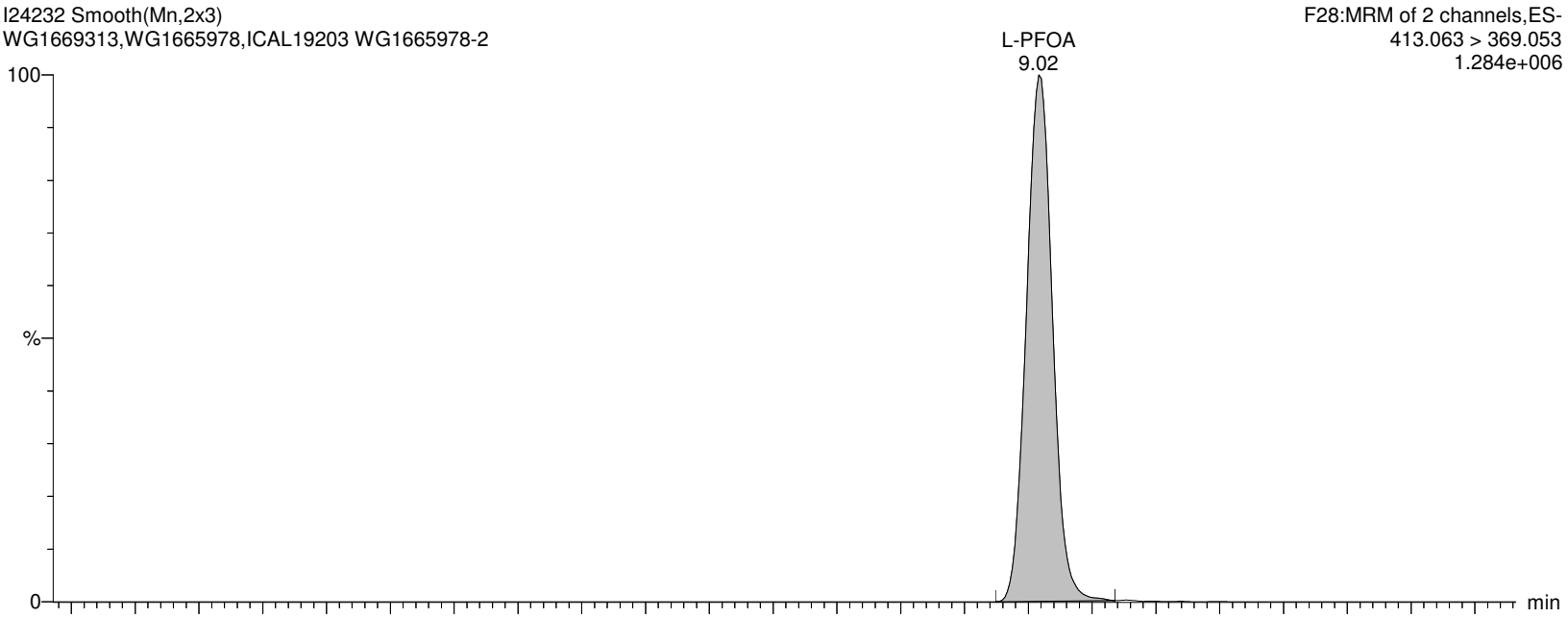


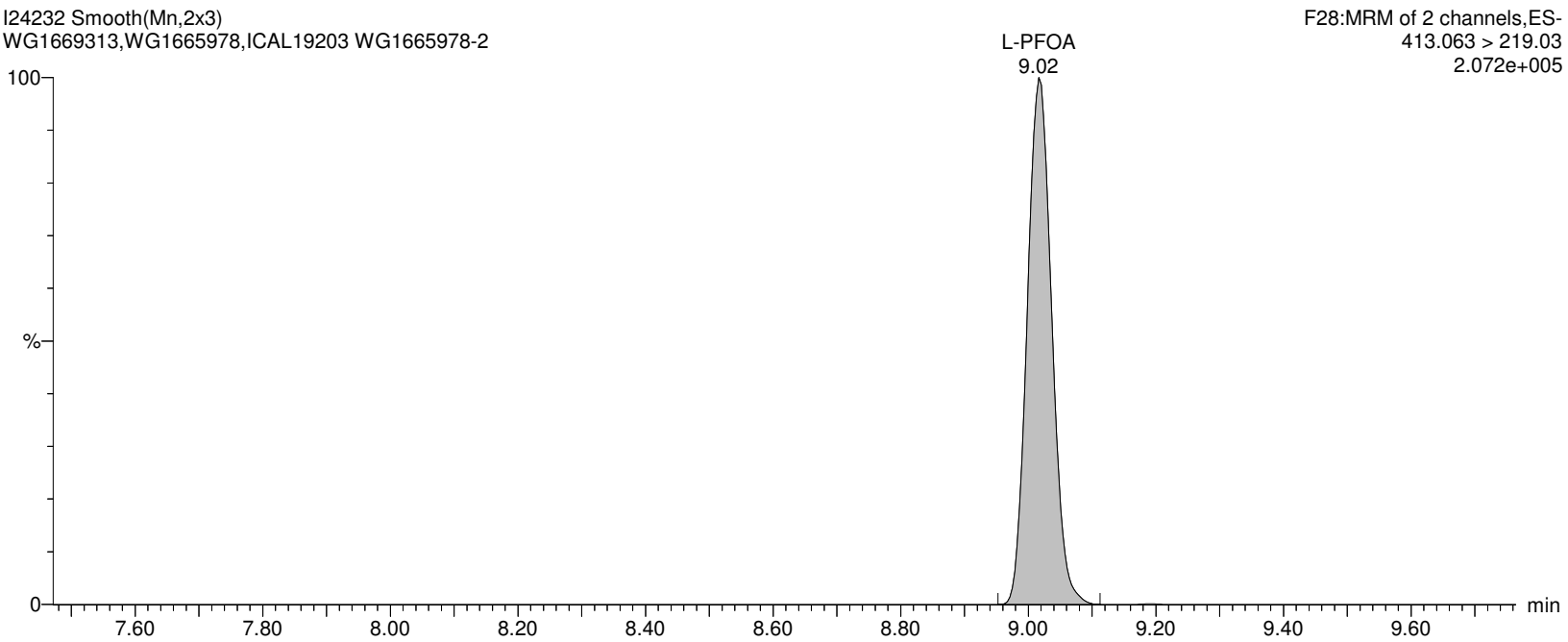
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:23 Eastern Daylight Time

Name: I24232
ID: WG1665978-2
Date: 31-Jul-2022
Time: 00:18:10
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFOA



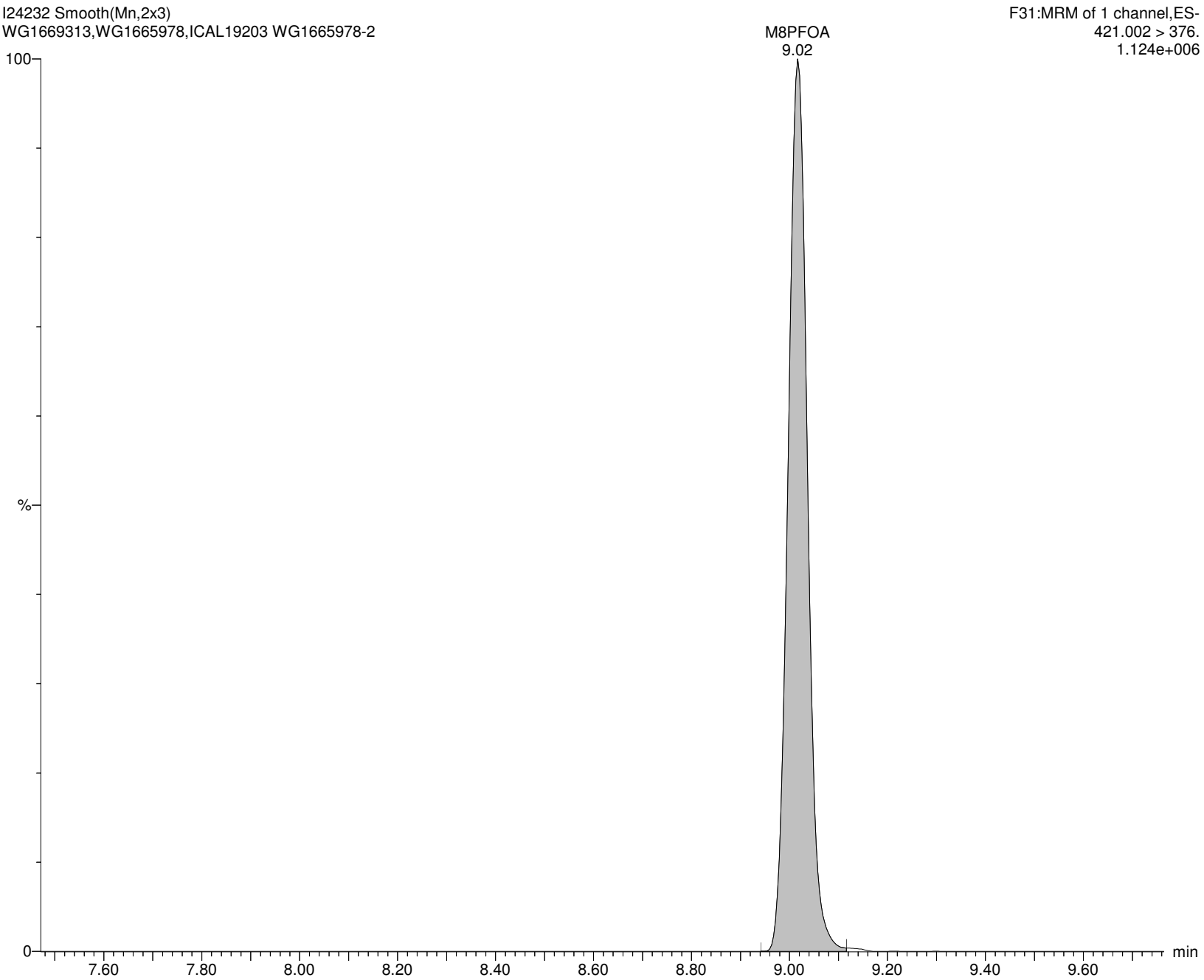


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:23 Eastern Daylight Time

Name: I24232
ID: WG1665978-2
Date: 31-Jul-2022
Time: 00:18:10
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M8PFOA

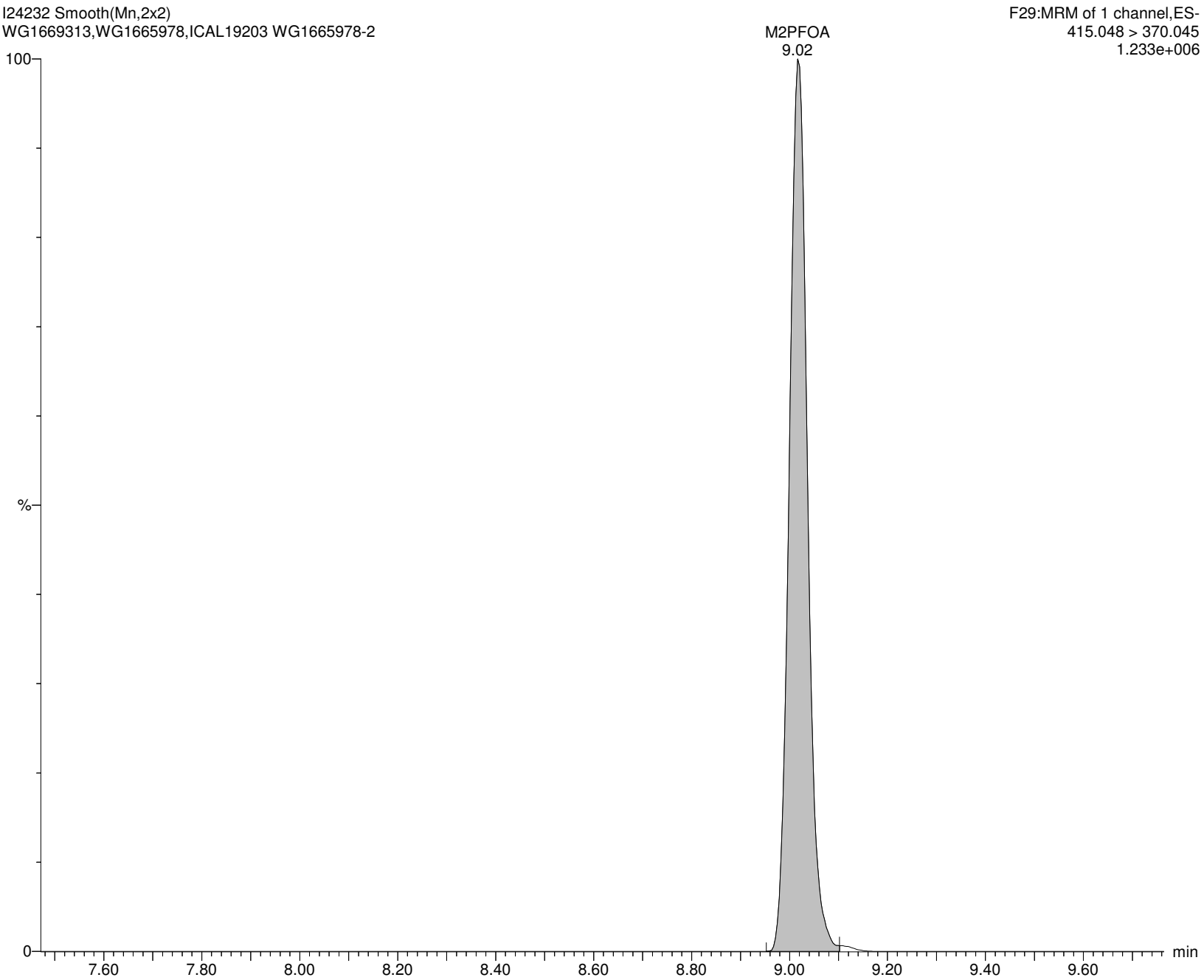


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:23 Eastern Daylight Time

Name: I24232
ID: WG1665978-2
Date: 31-Jul-2022
Time: 00:18:10
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2PFOA

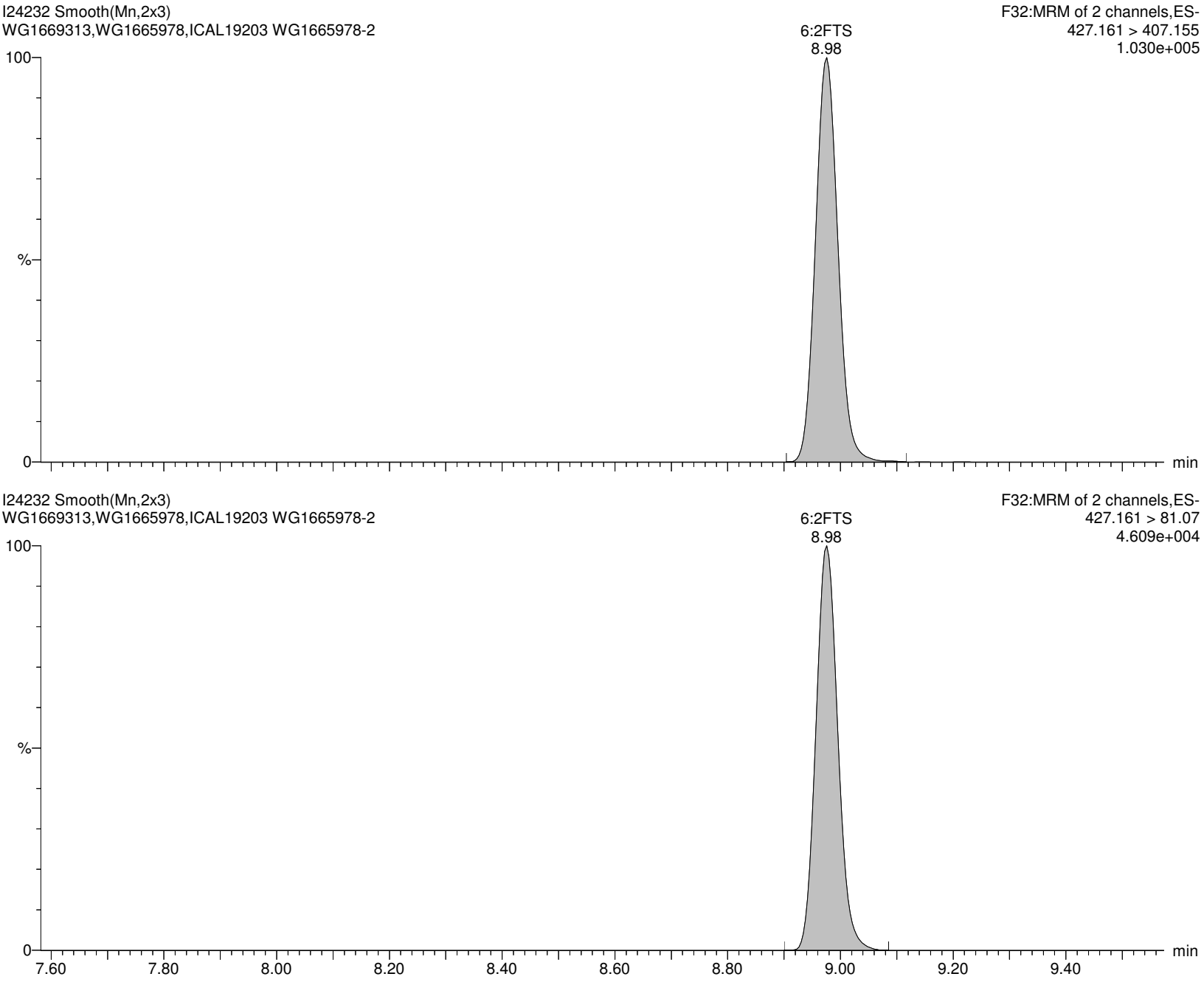


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:23 Eastern Daylight Time

Name: I24232
ID: WG1665978-2
Date: 31-Jul-2022
Time: 00:18:10
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

6:2FTS

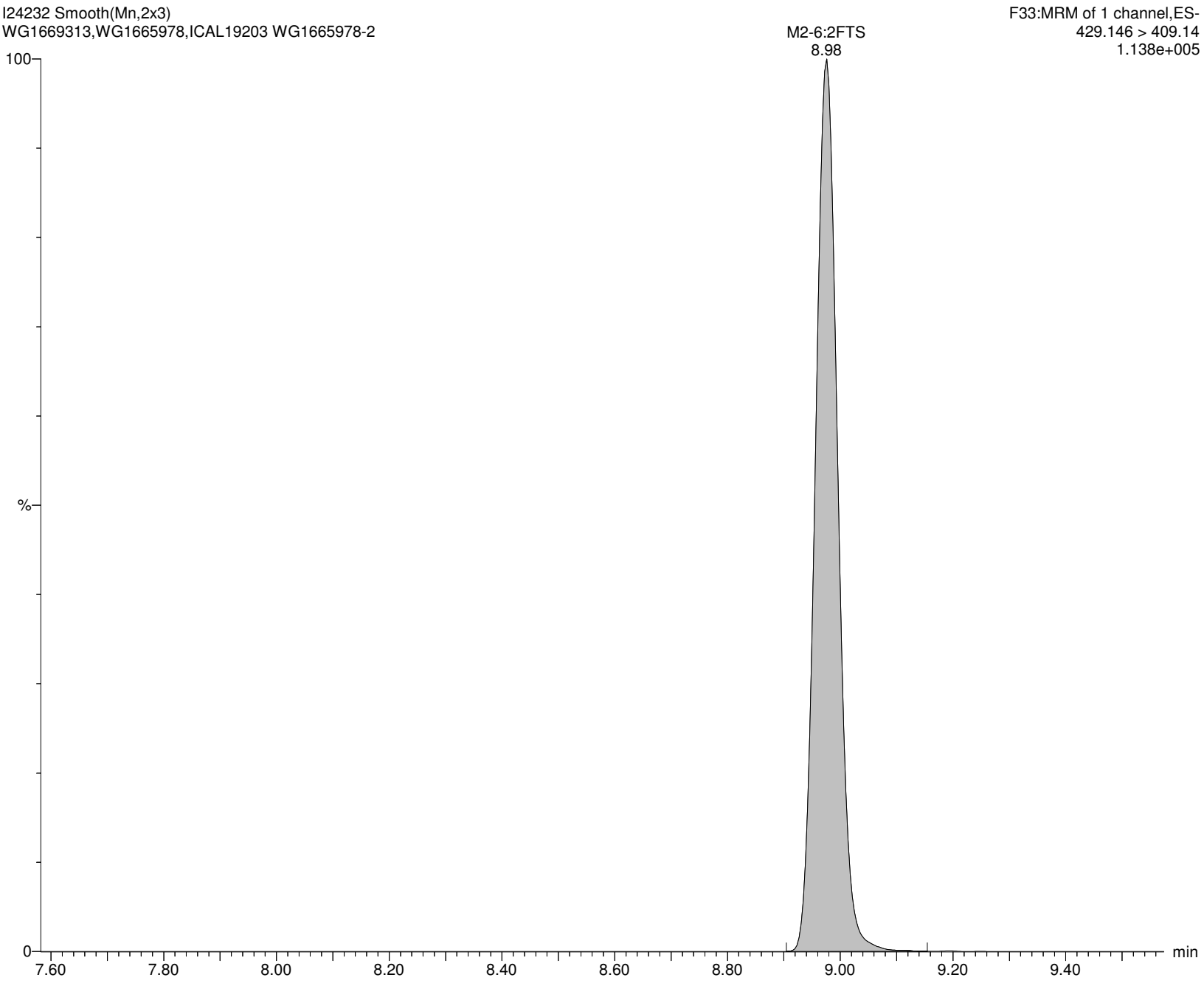


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:23 Eastern Daylight Time

Name: I24232
ID: WG1665978-2
Date: 31-Jul-2022
Time: 00:18:10
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2-6:2FTS

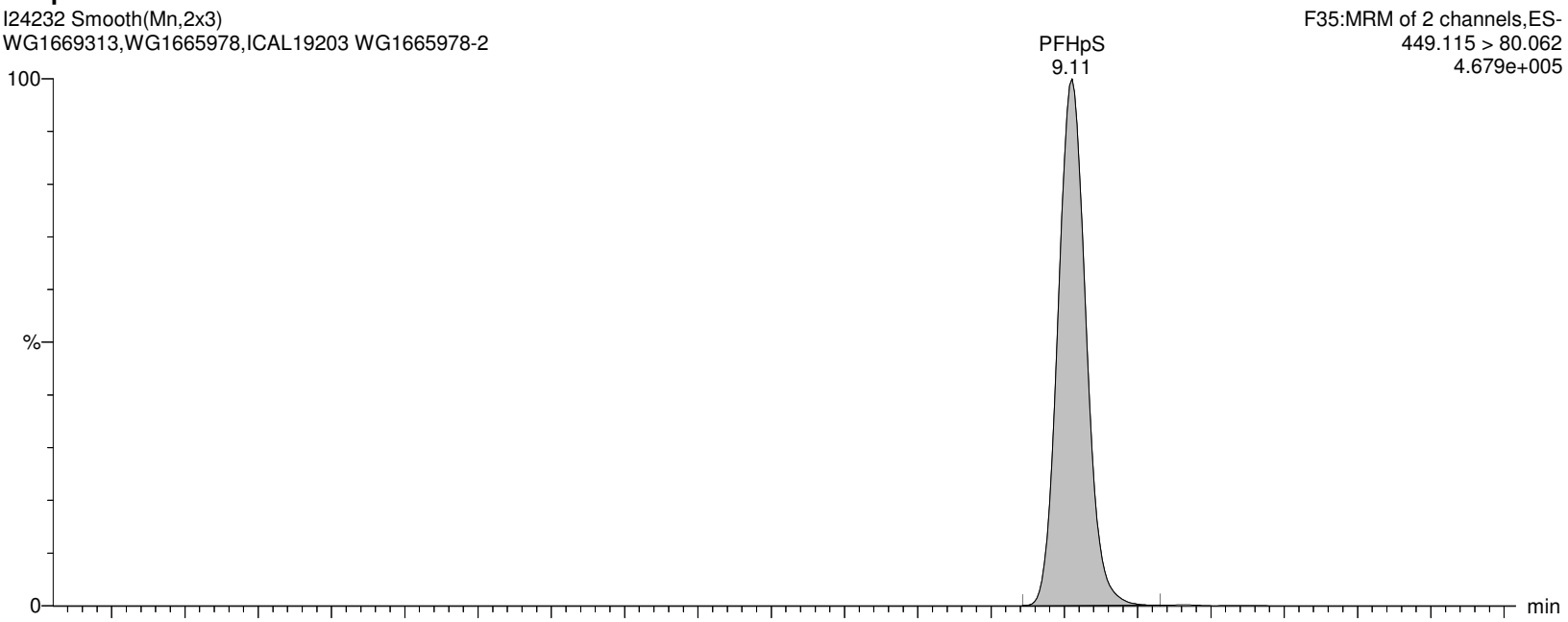


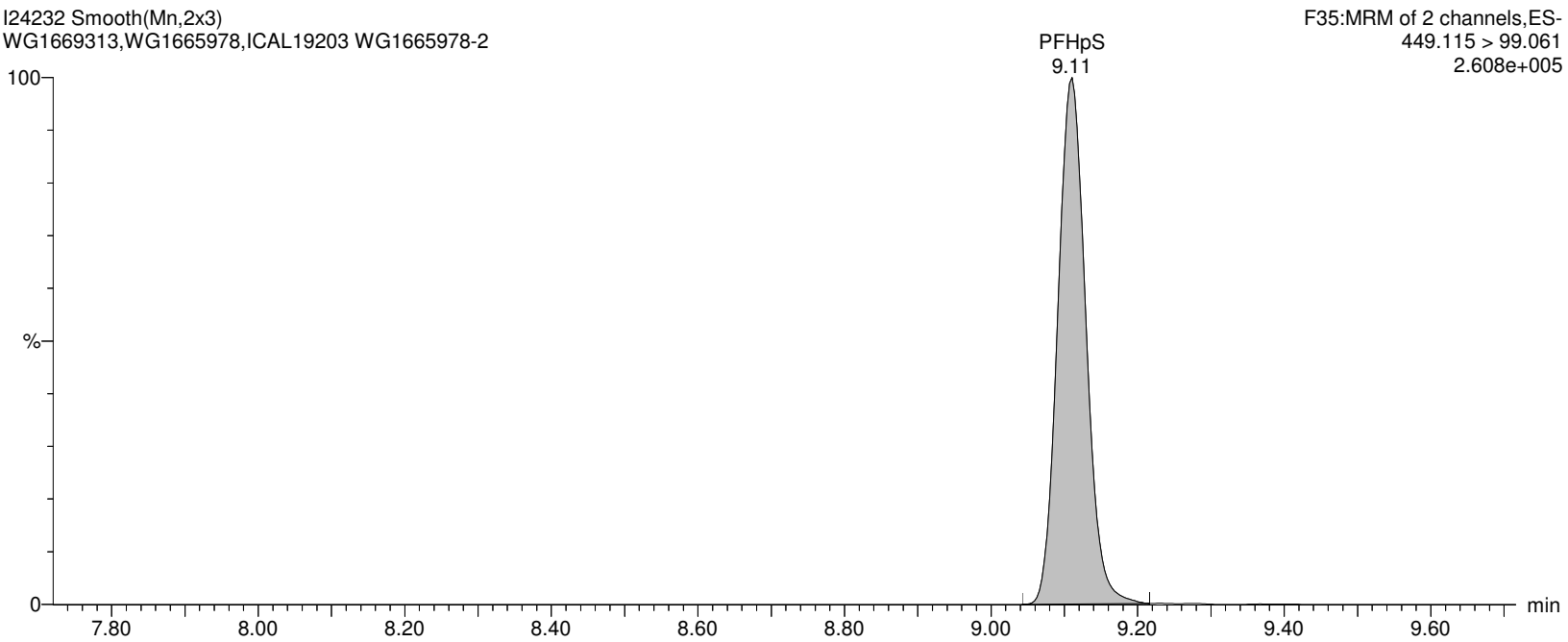
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:23 Eastern Daylight Time

Name: I24232
ID: WG1665978-2
Date: 31-Jul-2022
Time: 00:18:10
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFHpS



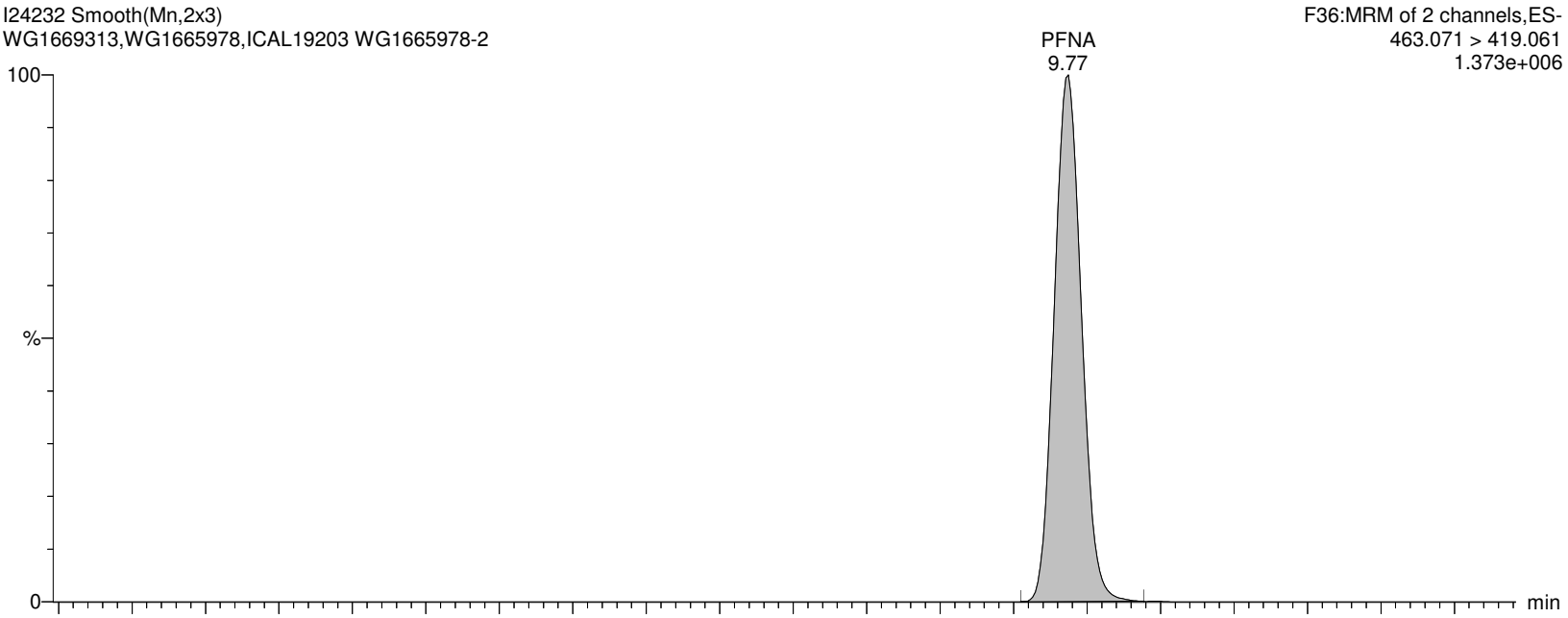


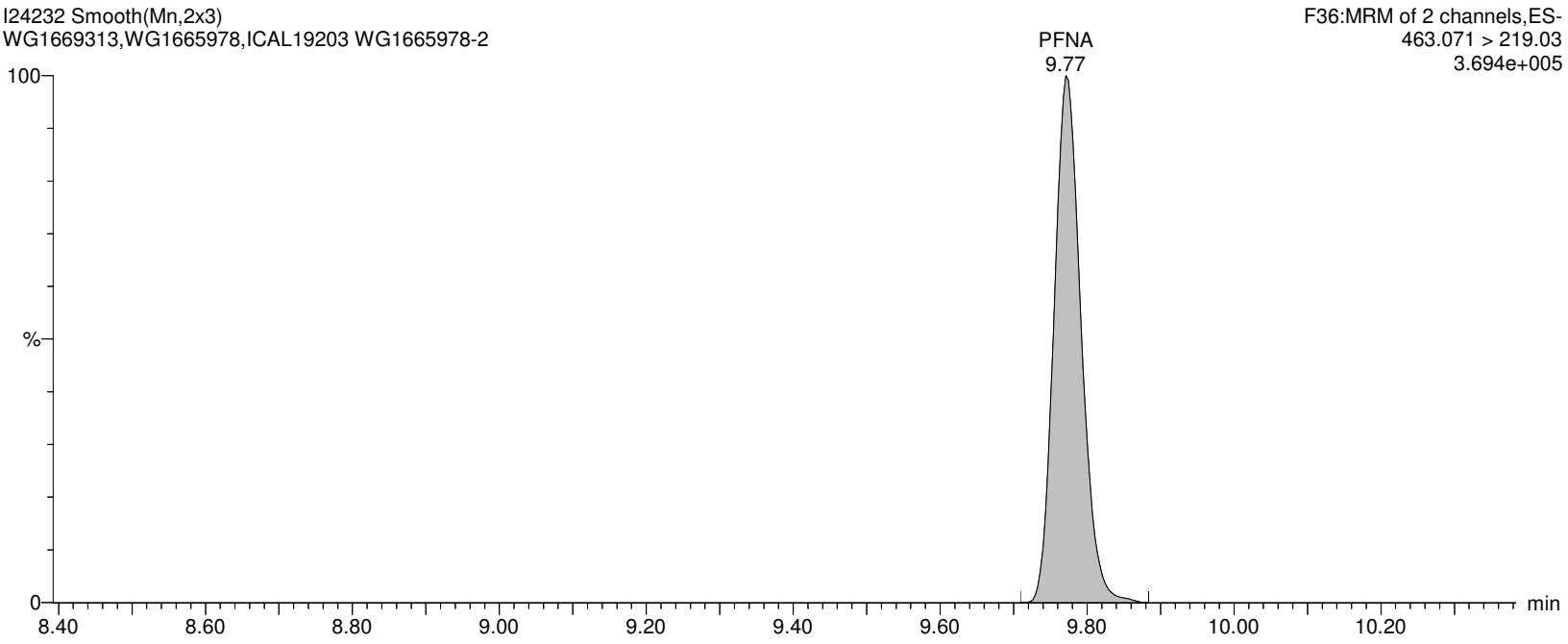
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:23 Eastern Daylight Time

Name: I24232
ID: WG1665978-2
Date: 31-Jul-2022
Time: 00:18:10
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFNA



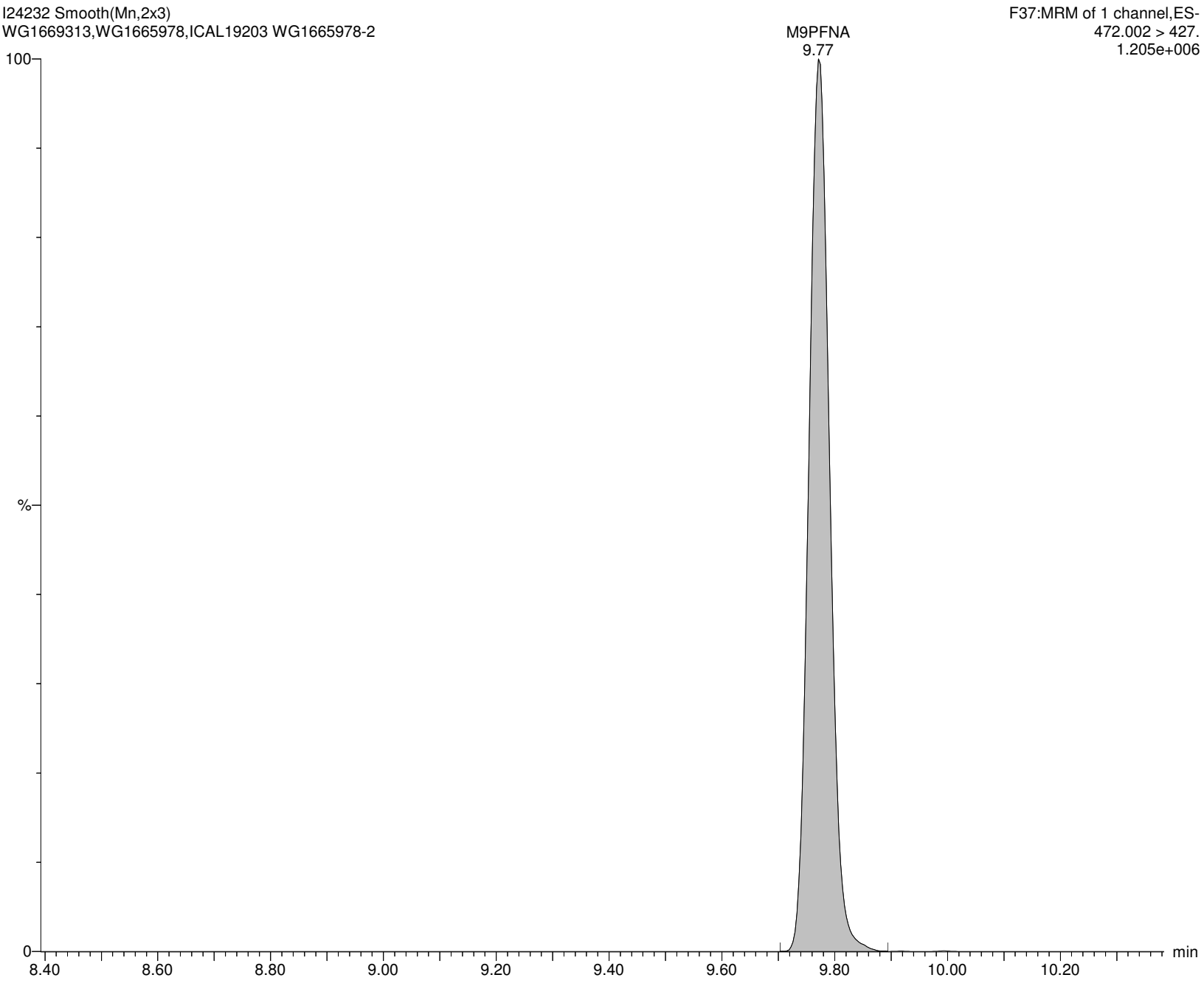


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:23 Eastern Daylight Time

Name: I24232
ID: WG1665978-2
Date: 31-Jul-2022
Time: 00:18:10
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M9PFNA

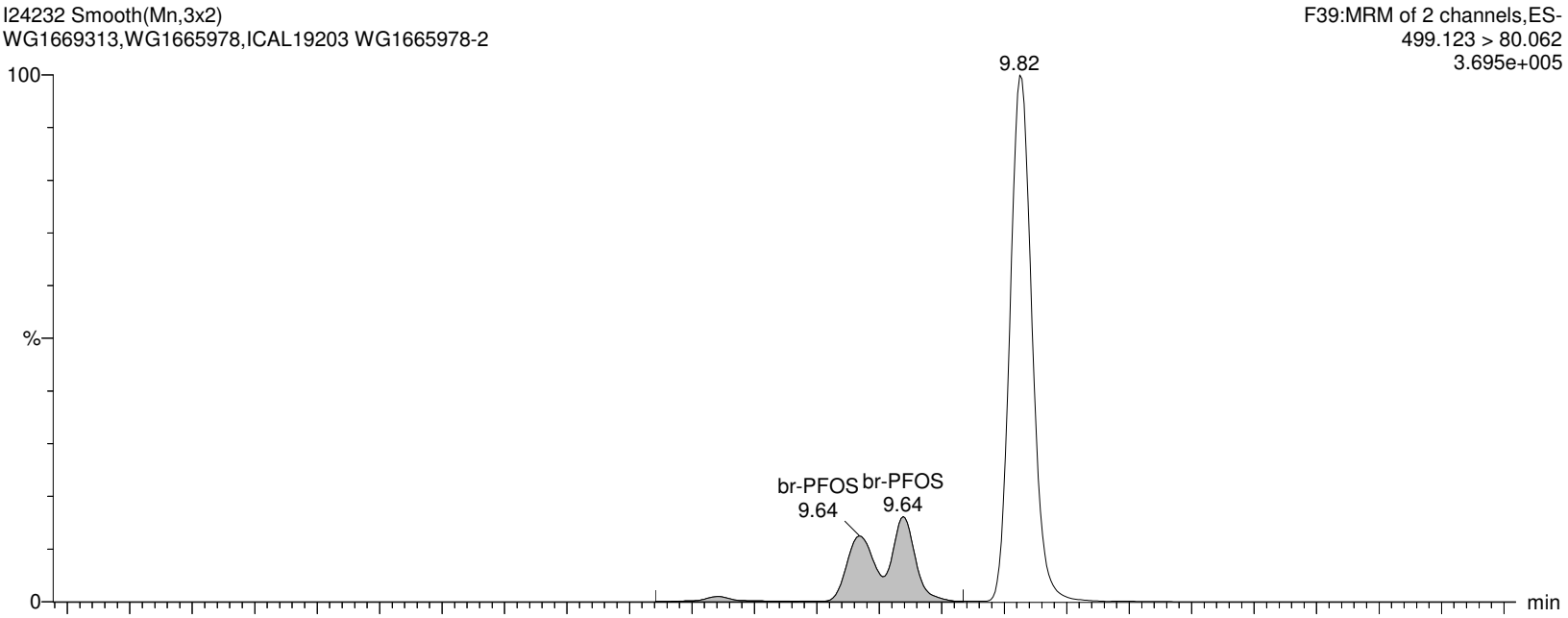


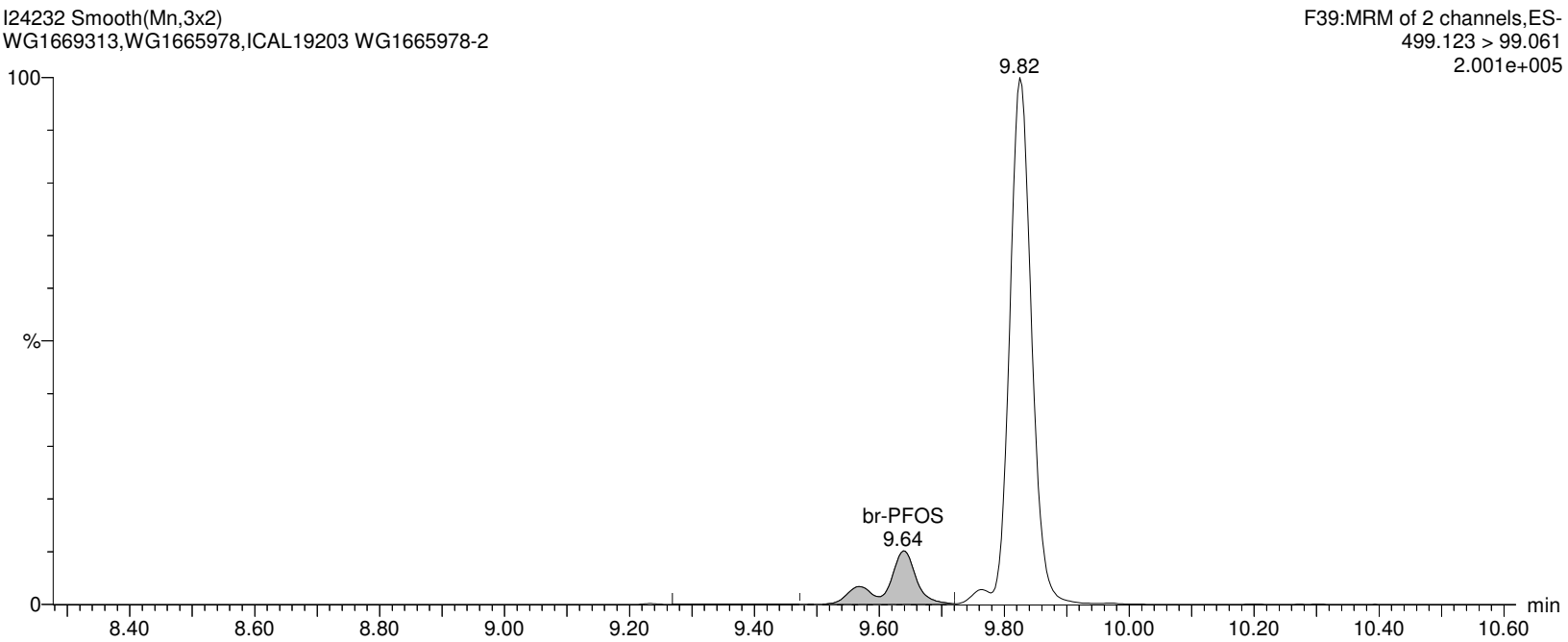
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:23 Eastern Daylight Time

Name: I24232
ID: WG1665978-2
Date: 31-Jul-2022
Time: 00:18:10
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

br-PFOS



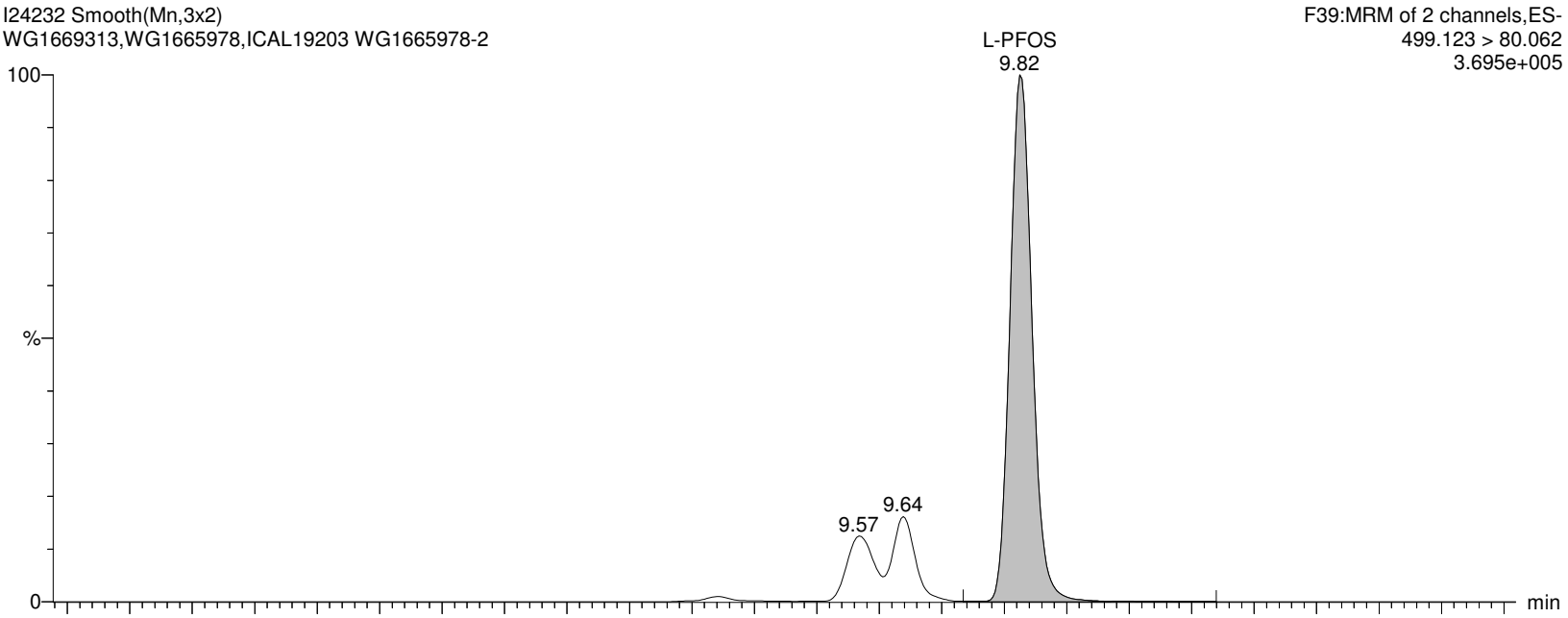


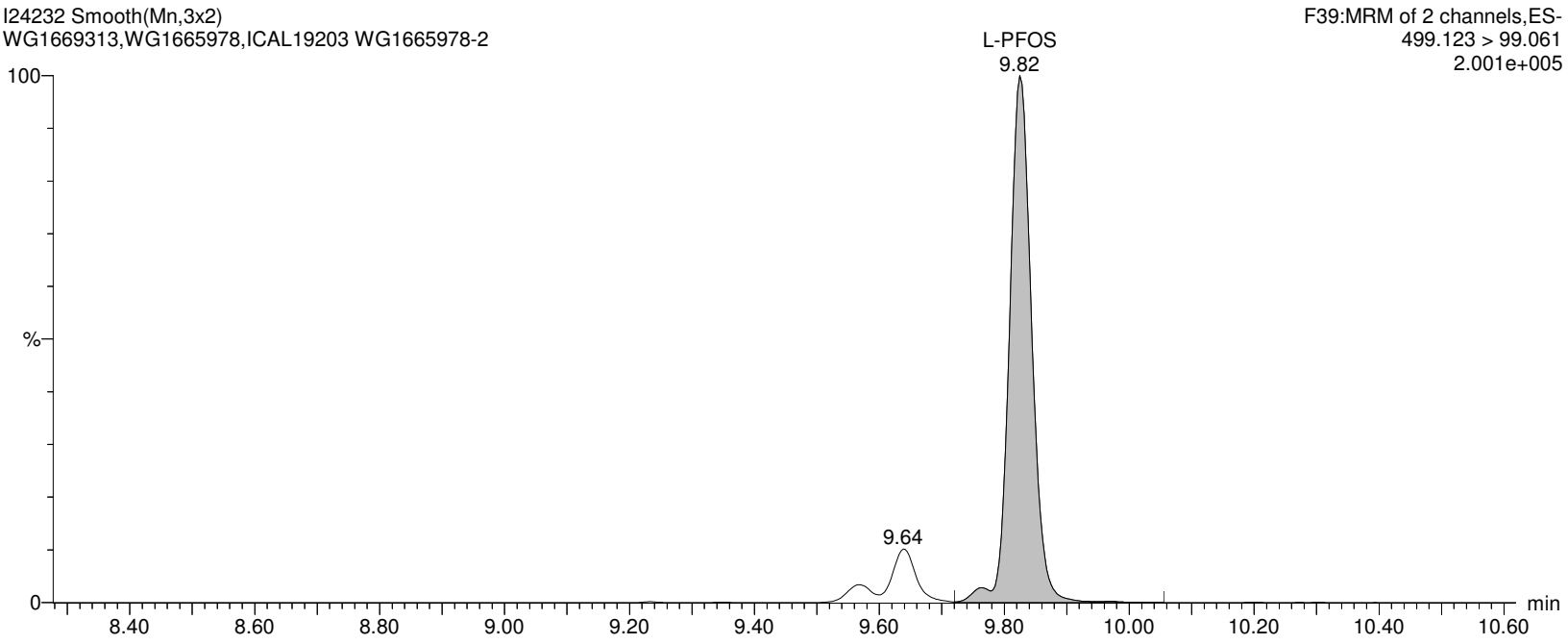
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:23 Eastern Daylight Time

Name: I24232
ID: WG1665978-2
Date: 31-Jul-2022
Time: 00:18:10
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

L-PFOS



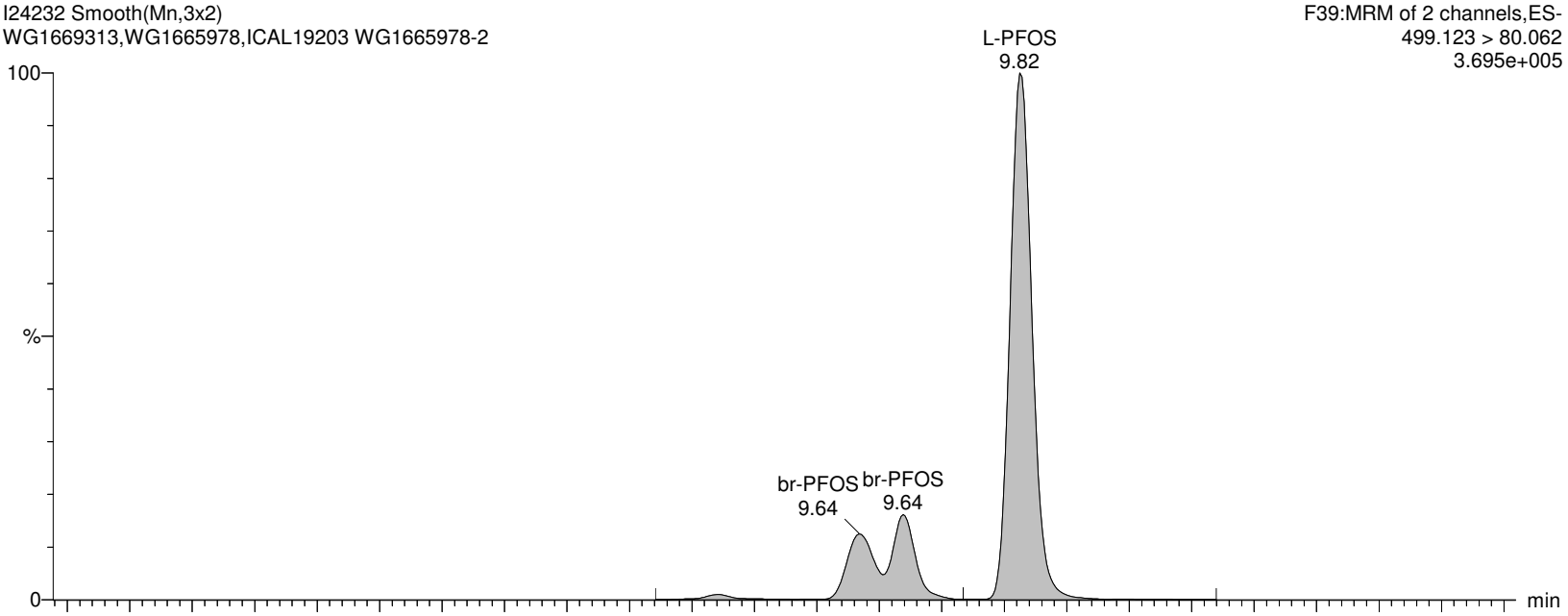


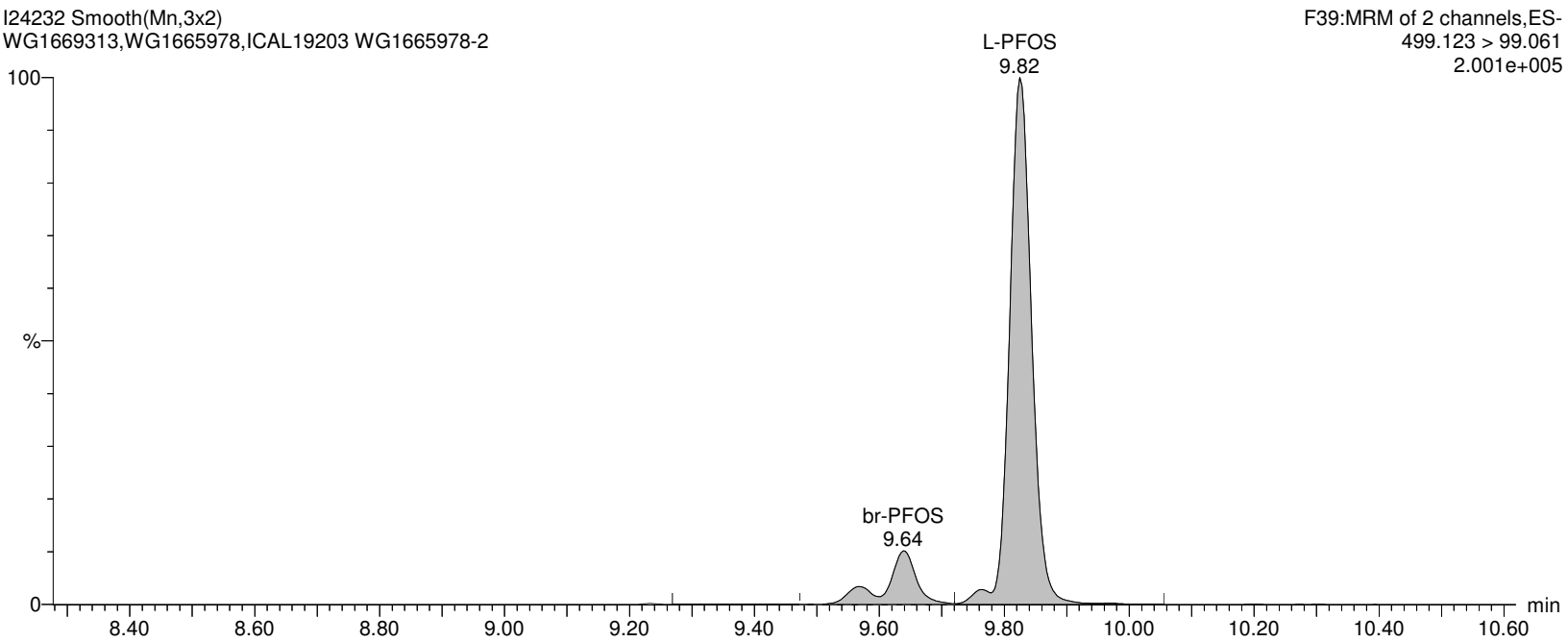
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:23 Eastern Daylight Time

Name: I24232
ID: WG1665978-2
Date: 31-Jul-2022
Time: 00:18:10
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFOS



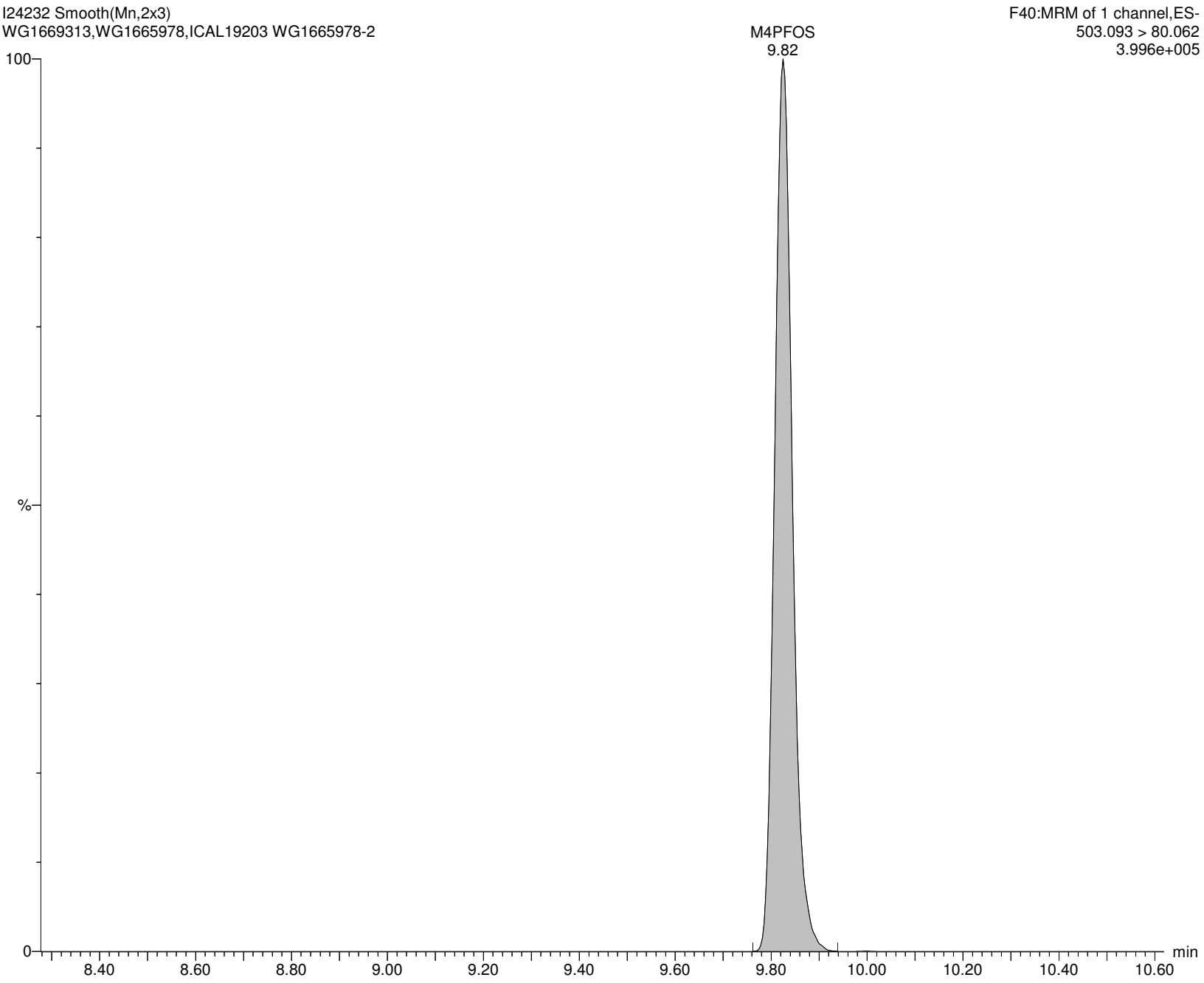


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:23 Eastern Daylight Time

Name: I24232
ID: WG1665978-2
Date: 31-Jul-2022
Time: 00:18:10
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M4PFOS

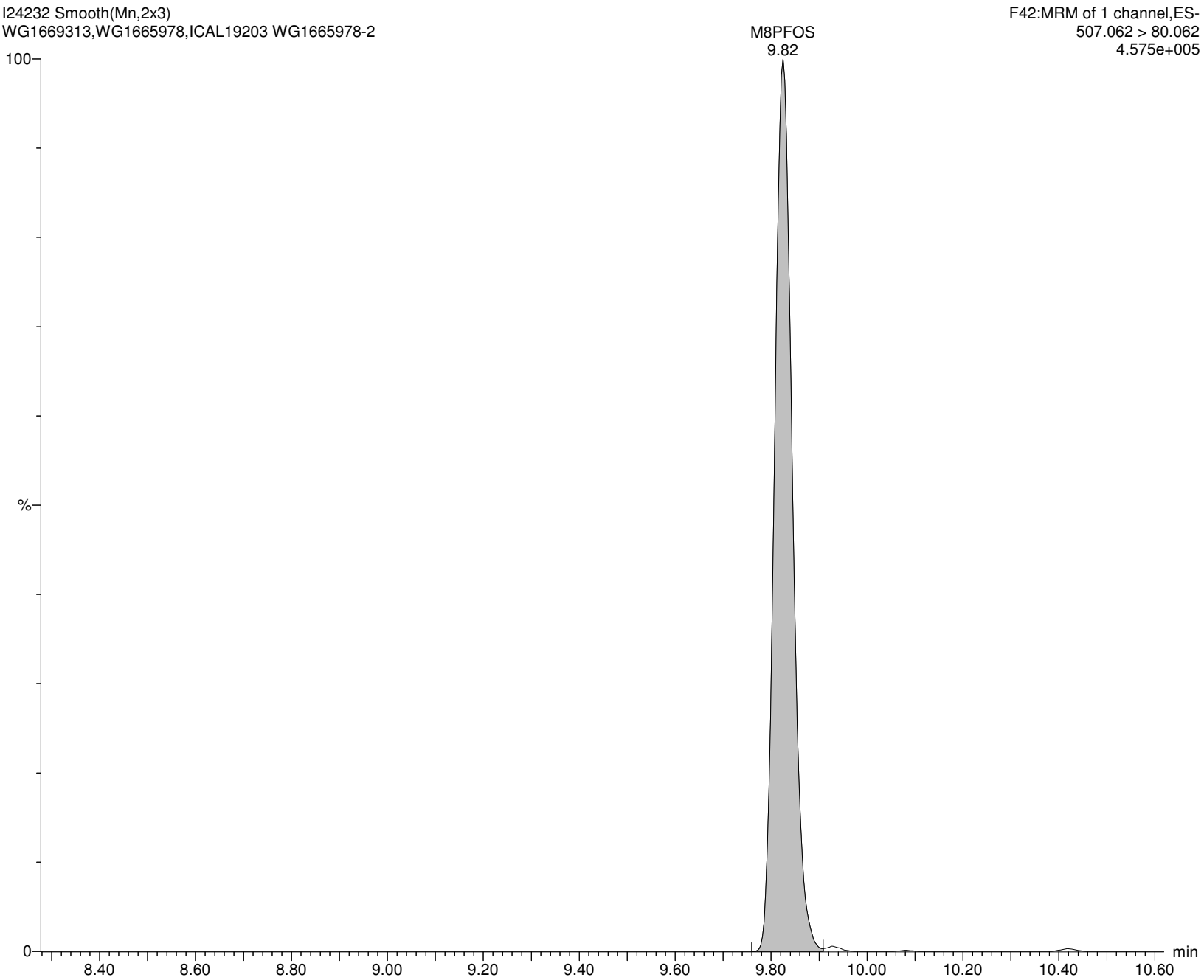


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:23 Eastern Daylight Time

Name: I24232
ID: WG1665978-2
Date: 31-Jul-2022
Time: 00:18:10
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M8PFOS

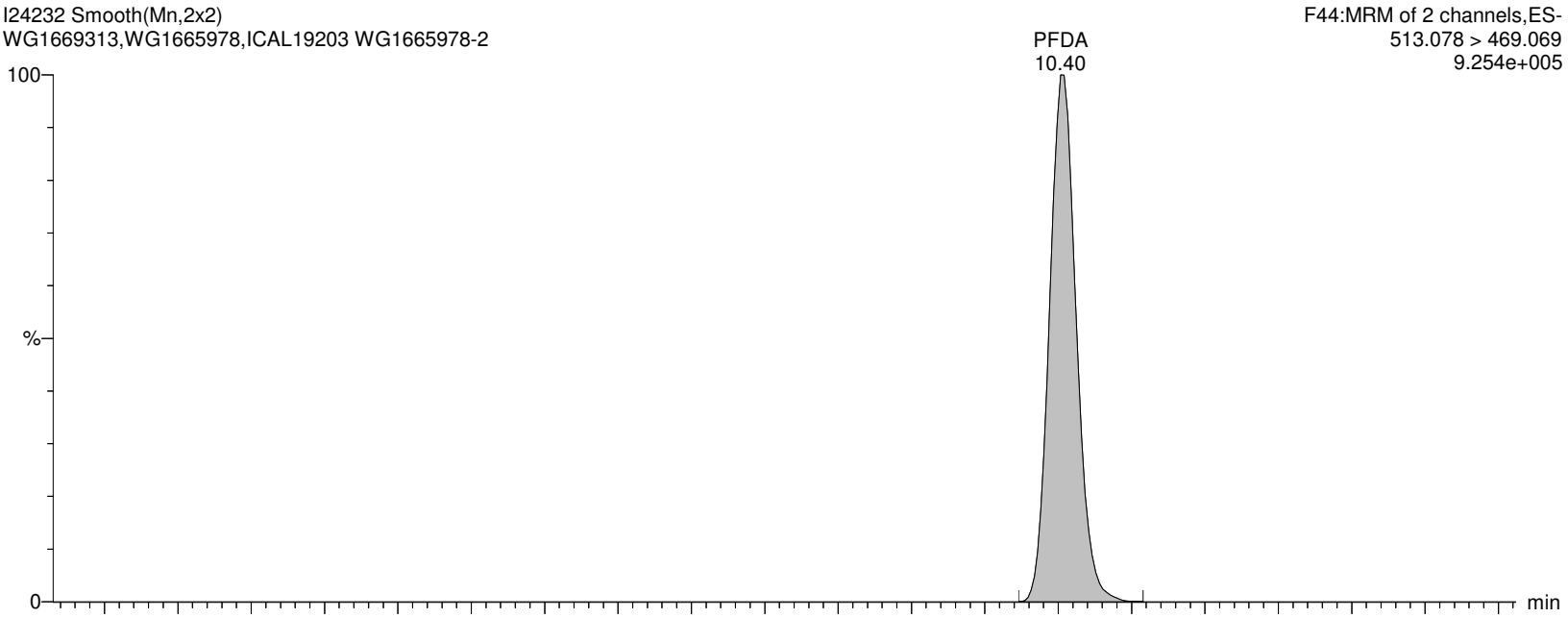


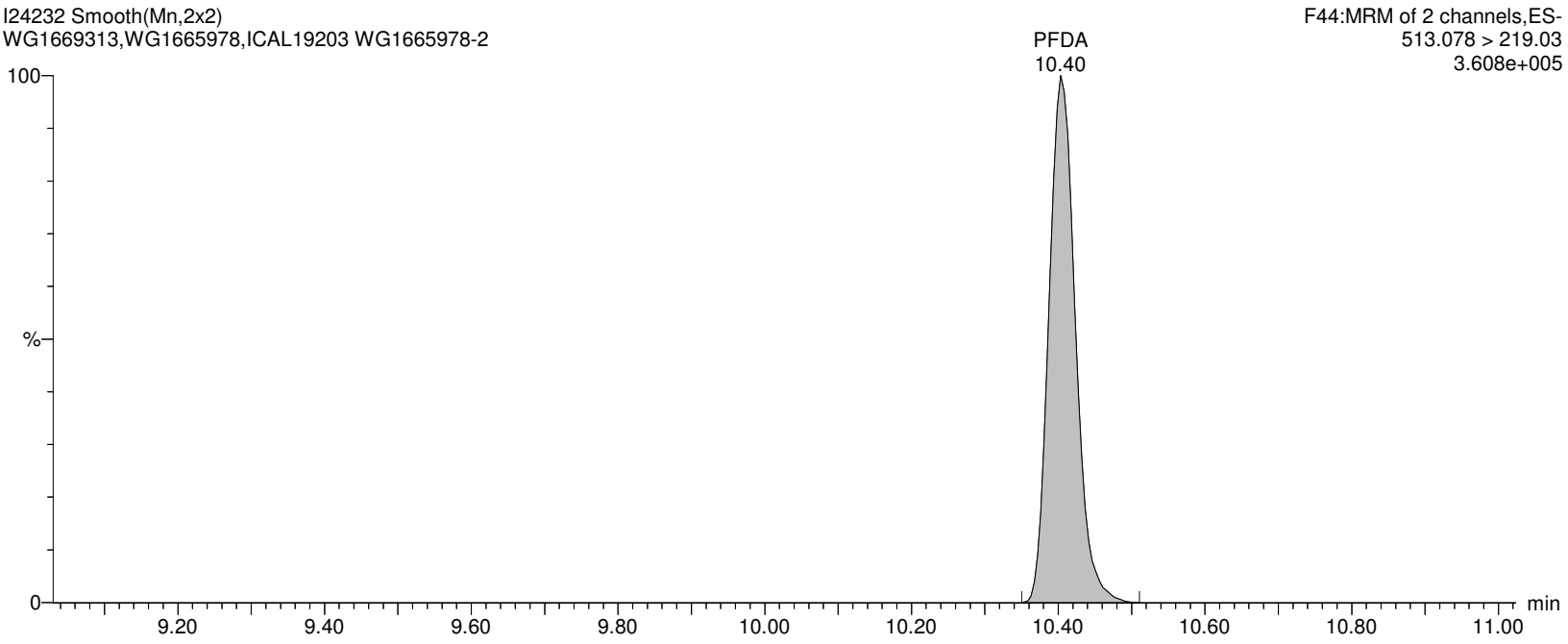
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:23 Eastern Daylight Time

Name: I24232
ID: WG1665978-2
Date: 31-Jul-2022
Time: 00:18:10
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFDA



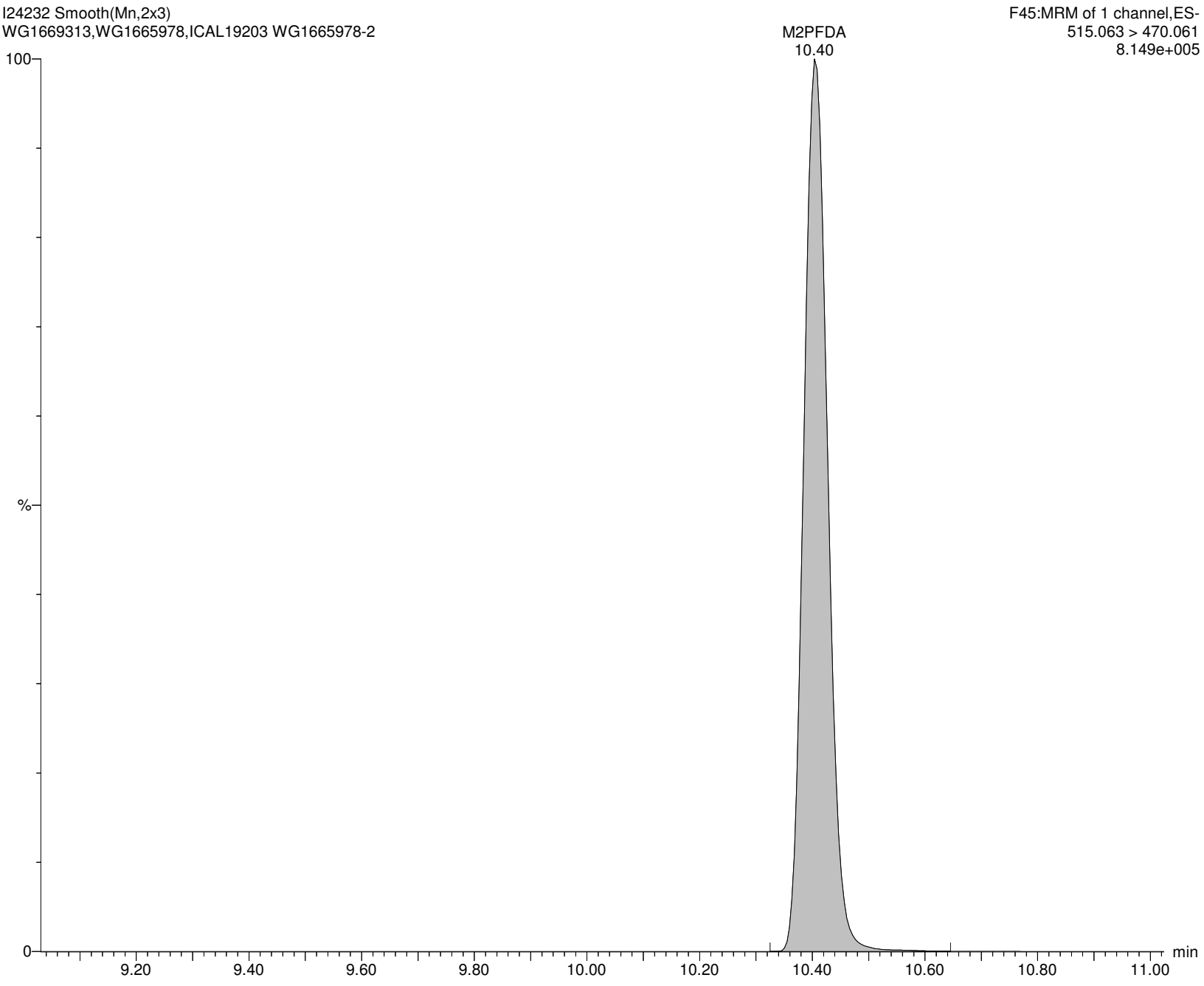


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:23 Eastern Daylight Time

Name: I24232
ID: WG1665978-2
Date: 31-Jul-2022
Time: 00:18:10
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2PFDA

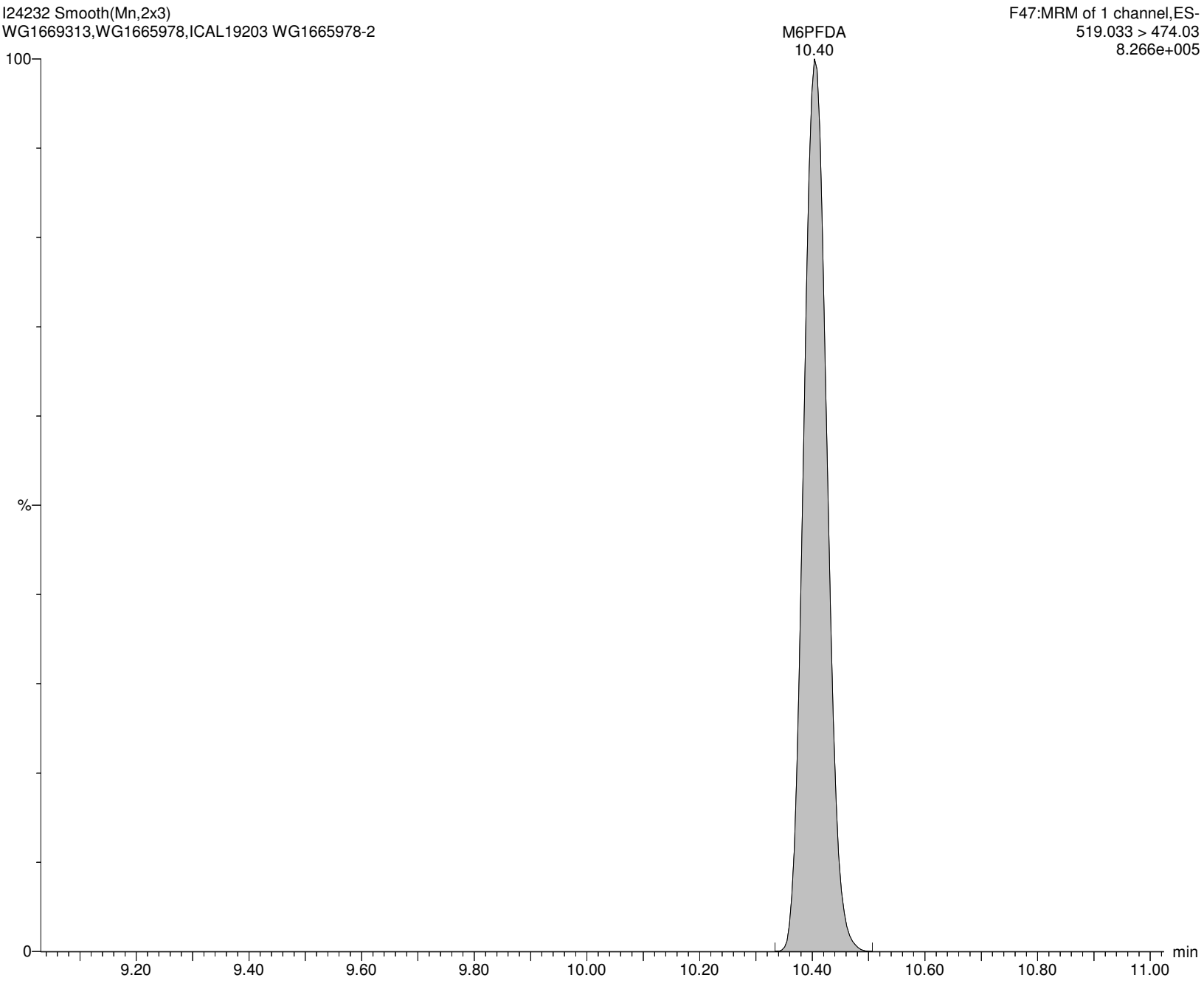


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:23 Eastern Daylight Time

Name: I24232
ID: WG1665978-2
Date: 31-Jul-2022
Time: 00:18:10
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M6PFDA

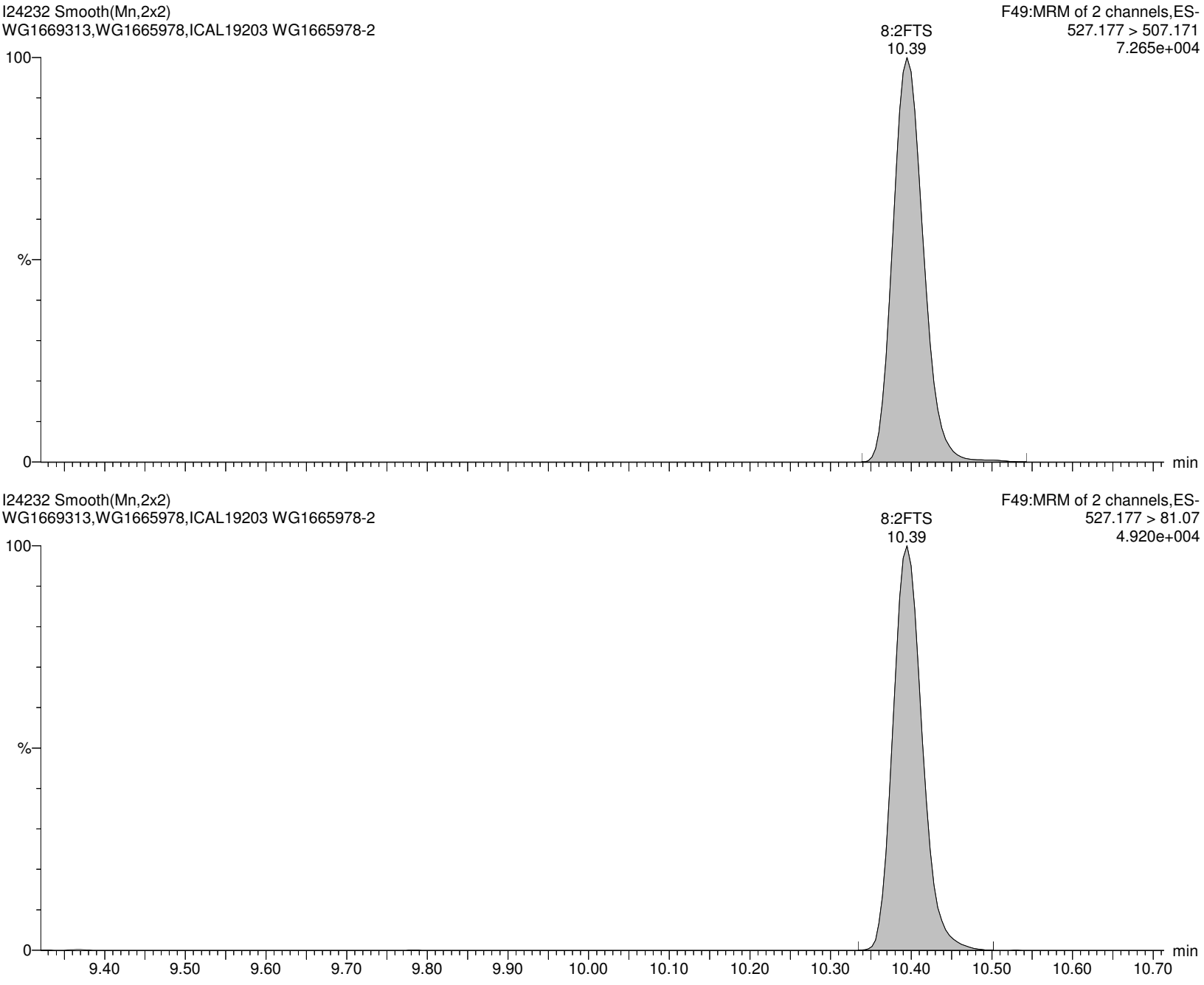


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:23 Eastern Daylight Time

Name: I24232
ID: WG1665978-2
Date: 31-Jul-2022
Time: 00:18:10
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

8:2FTS

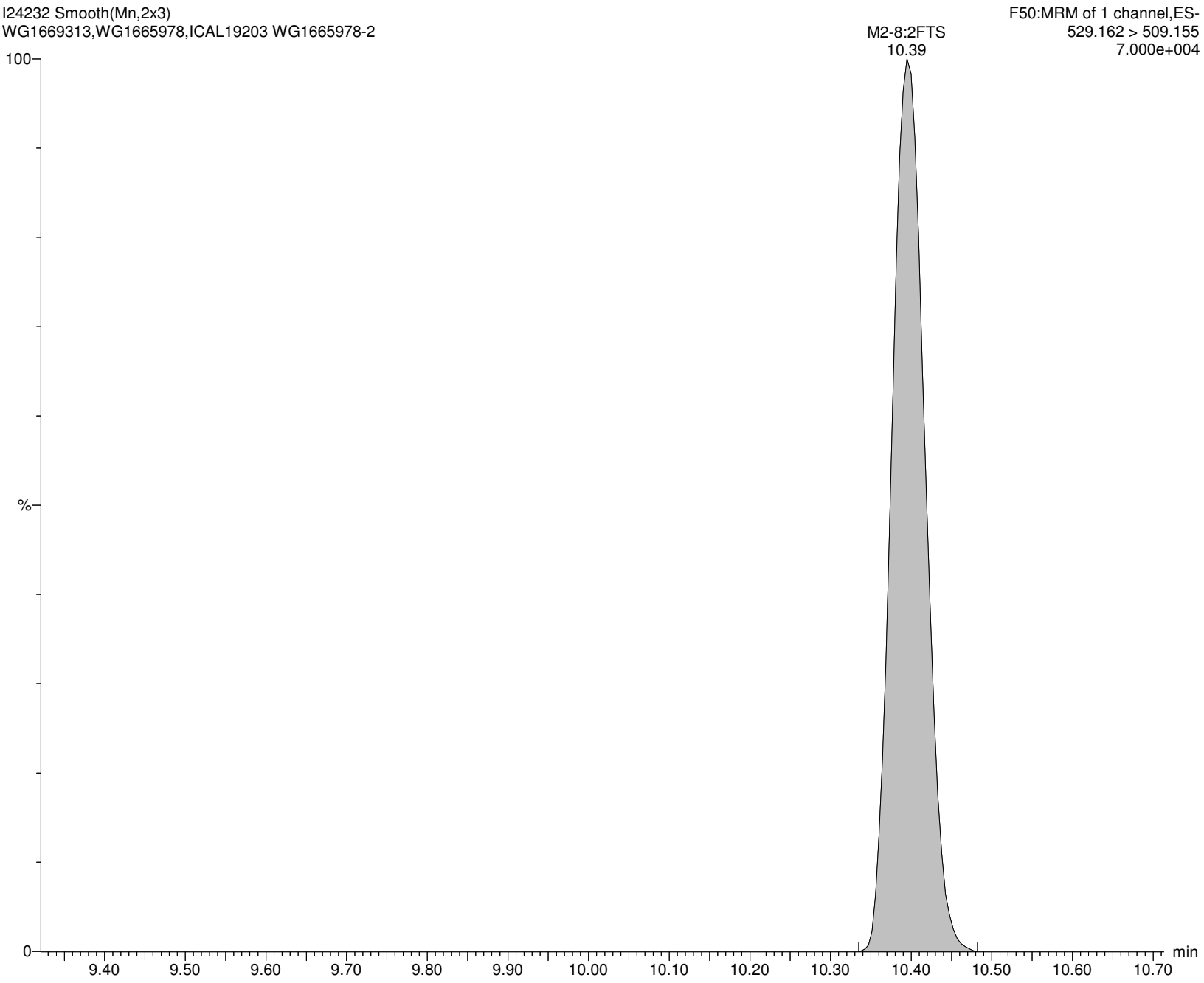


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:23 Eastern Daylight Time

Name: I24232
ID: WG1665978-2
Date: 31-Jul-2022
Time: 00:18:10
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2-8:2FTS

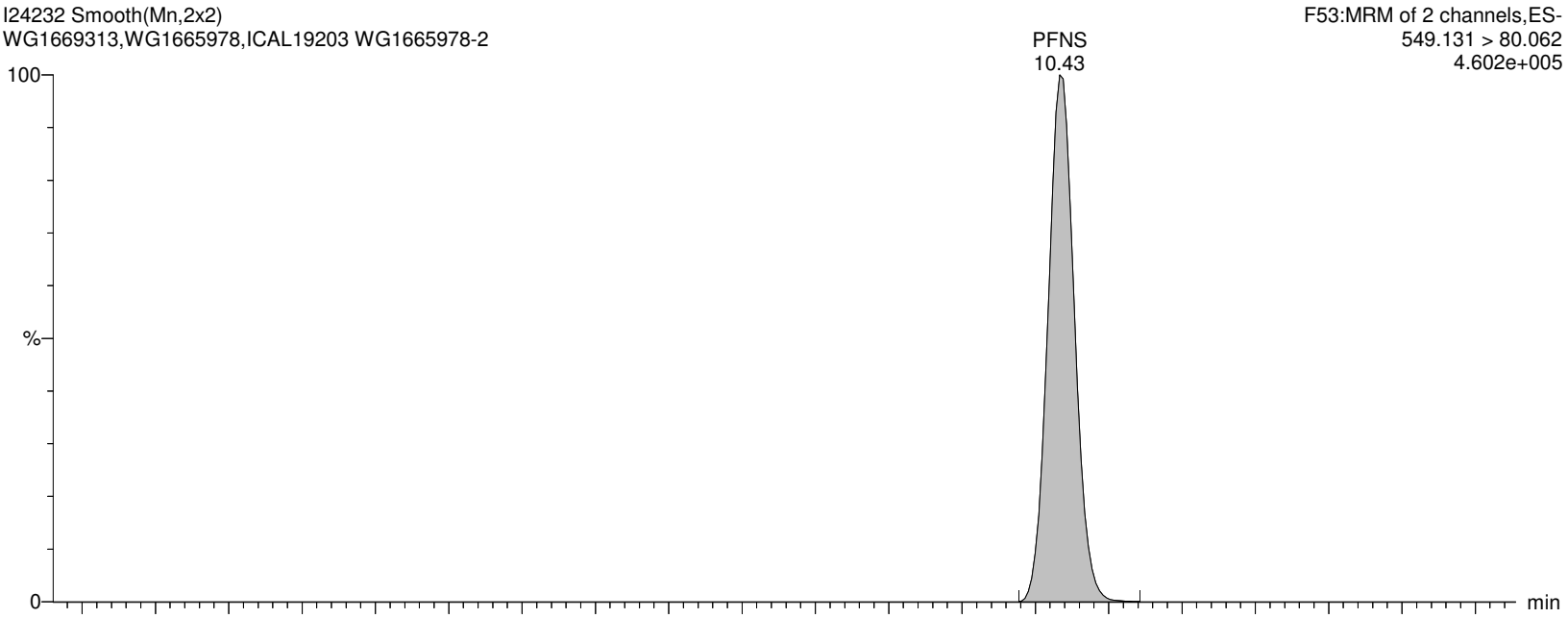


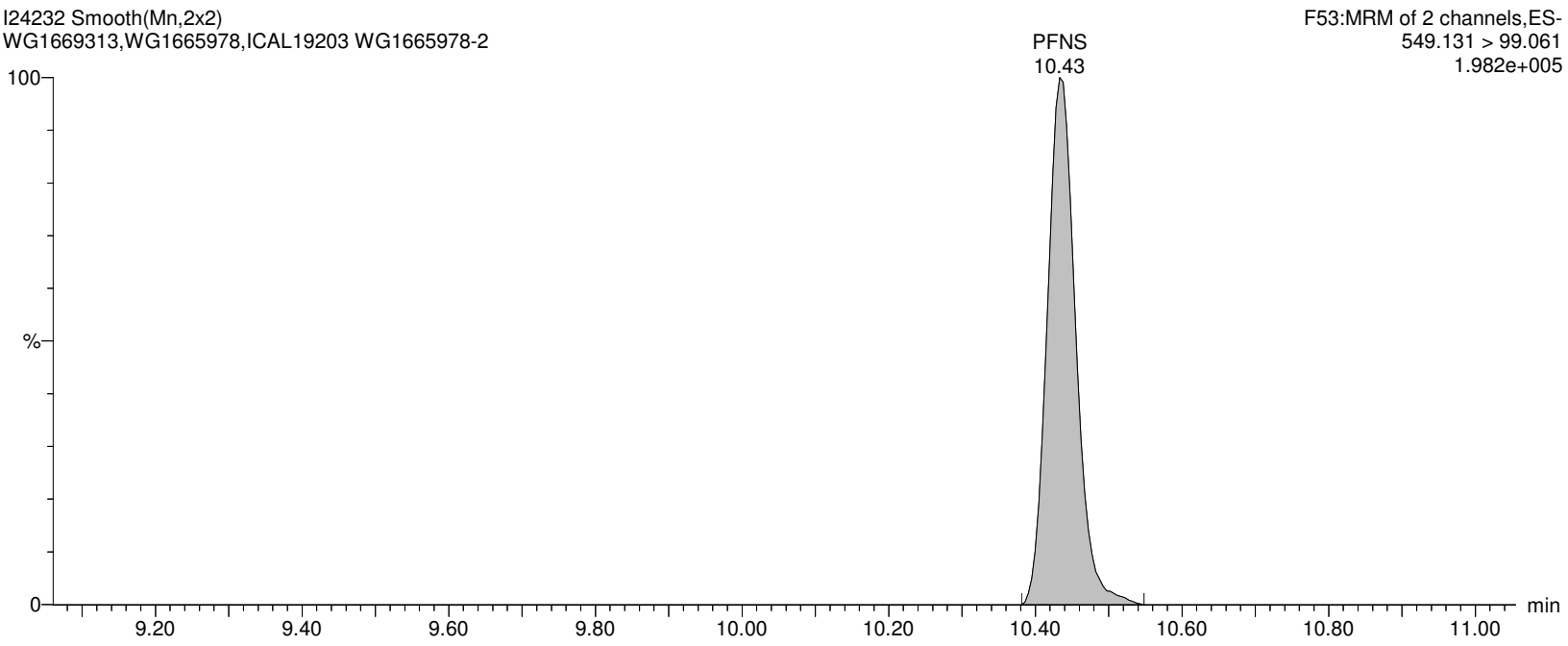
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:23 Eastern Daylight Time

Name: I24232
ID: WG1665978-2
Date: 31-Jul-2022
Time: 00:18:10
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFNS



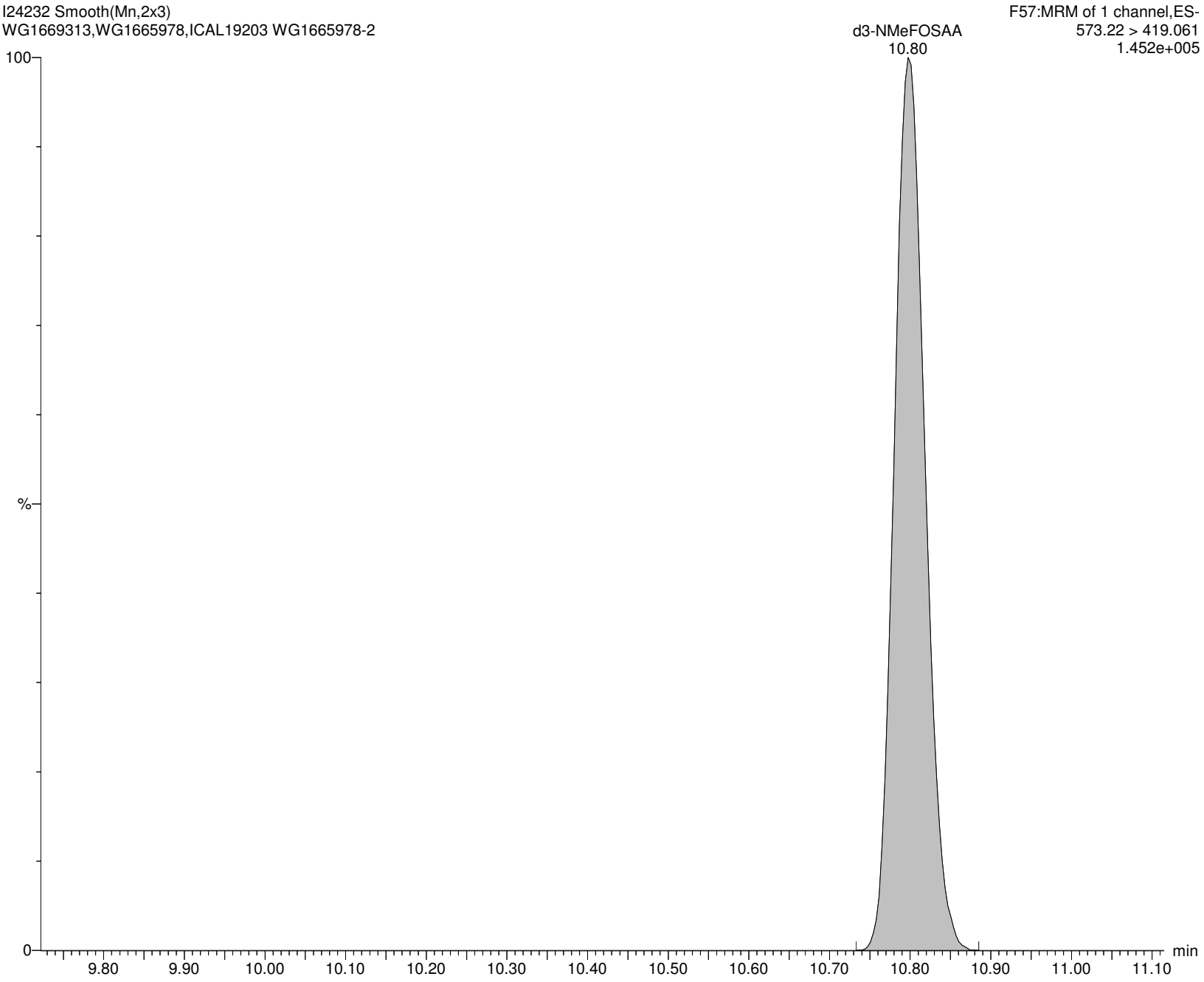


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:23 Eastern Daylight Time

Name: I24232
ID: WG1665978-2
Date: 31-Jul-2022
Time: 00:18:10
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

d3-NMeFOSAA

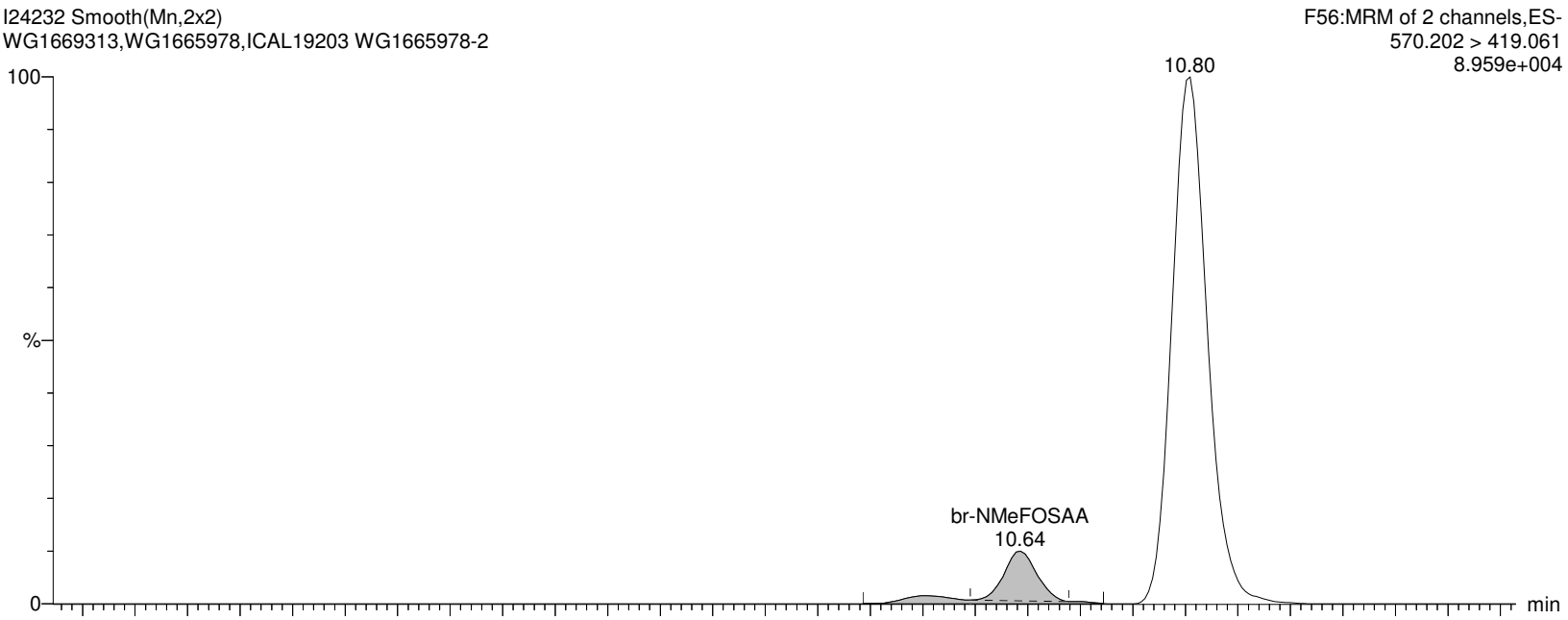


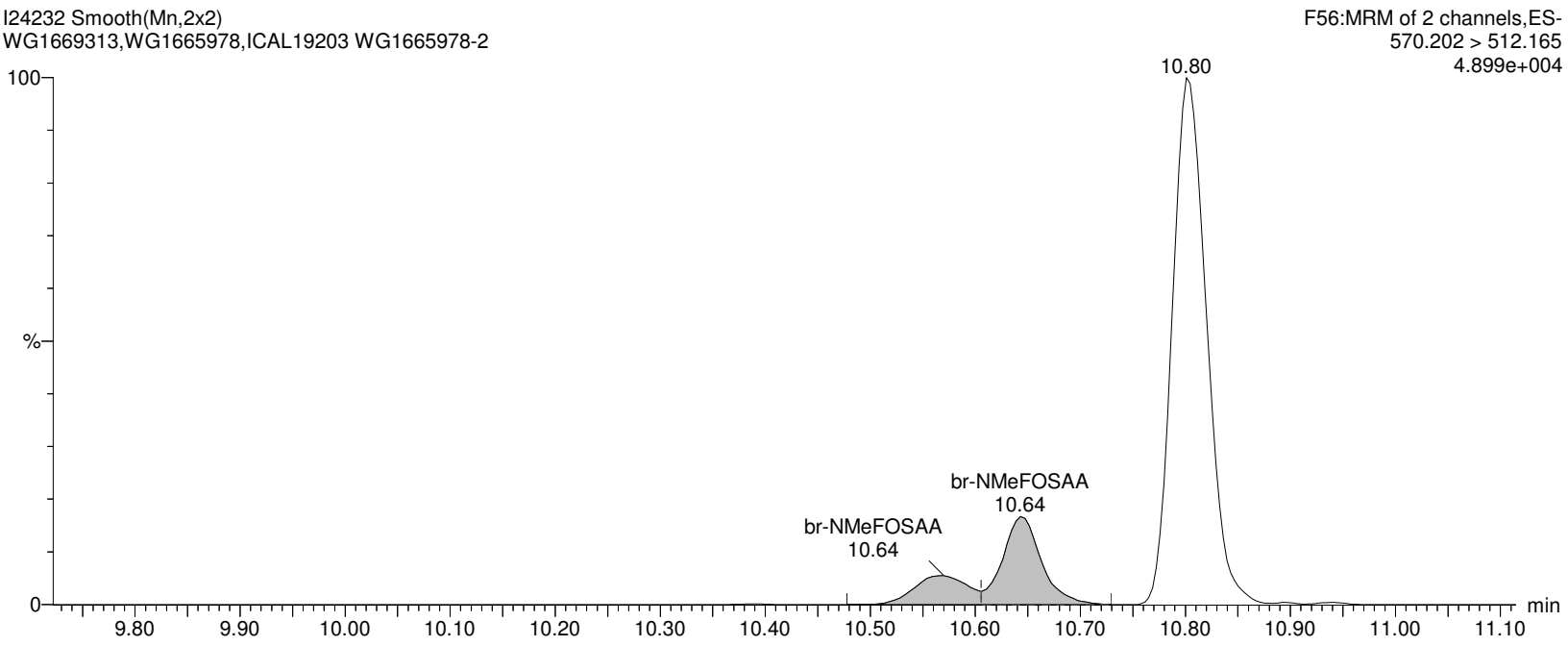
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:23 Eastern Daylight Time

Name: I24232
ID: WG1665978-2
Date: 31-Jul-2022
Time: 00:18:10
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

br-NMeFOSAA



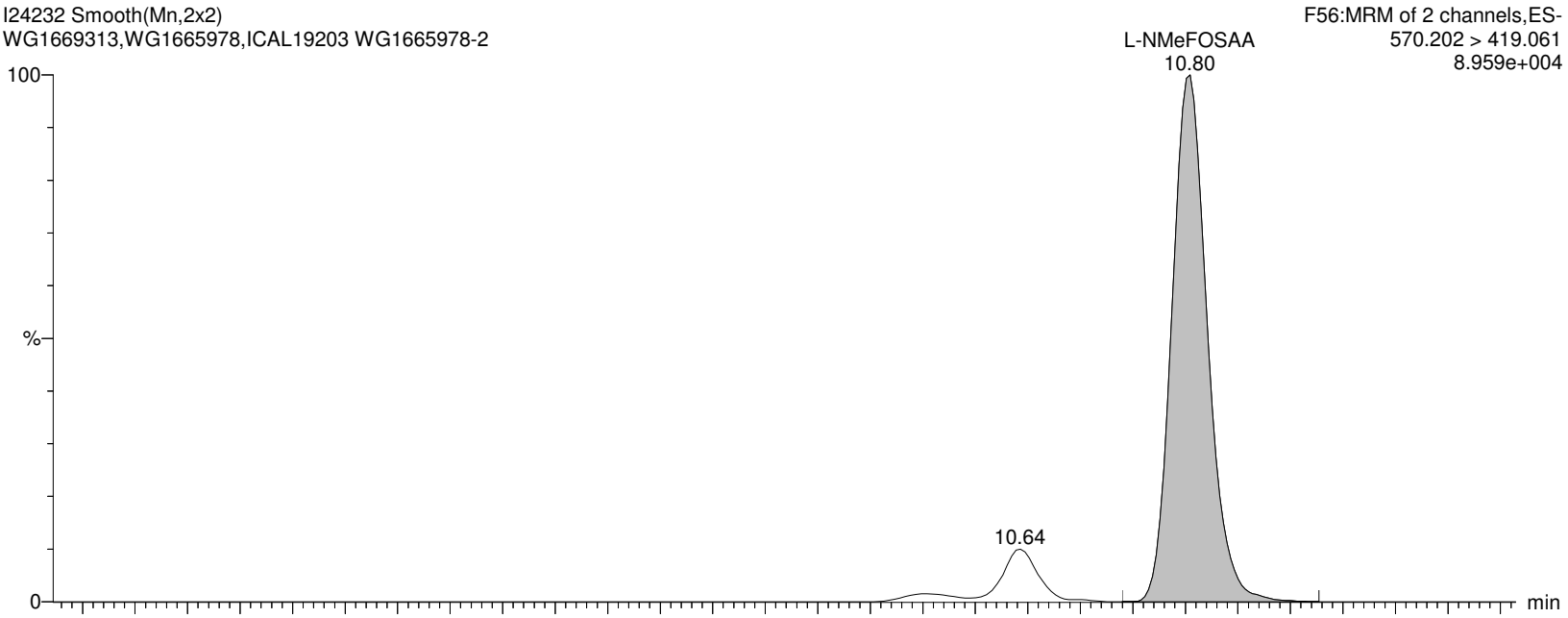


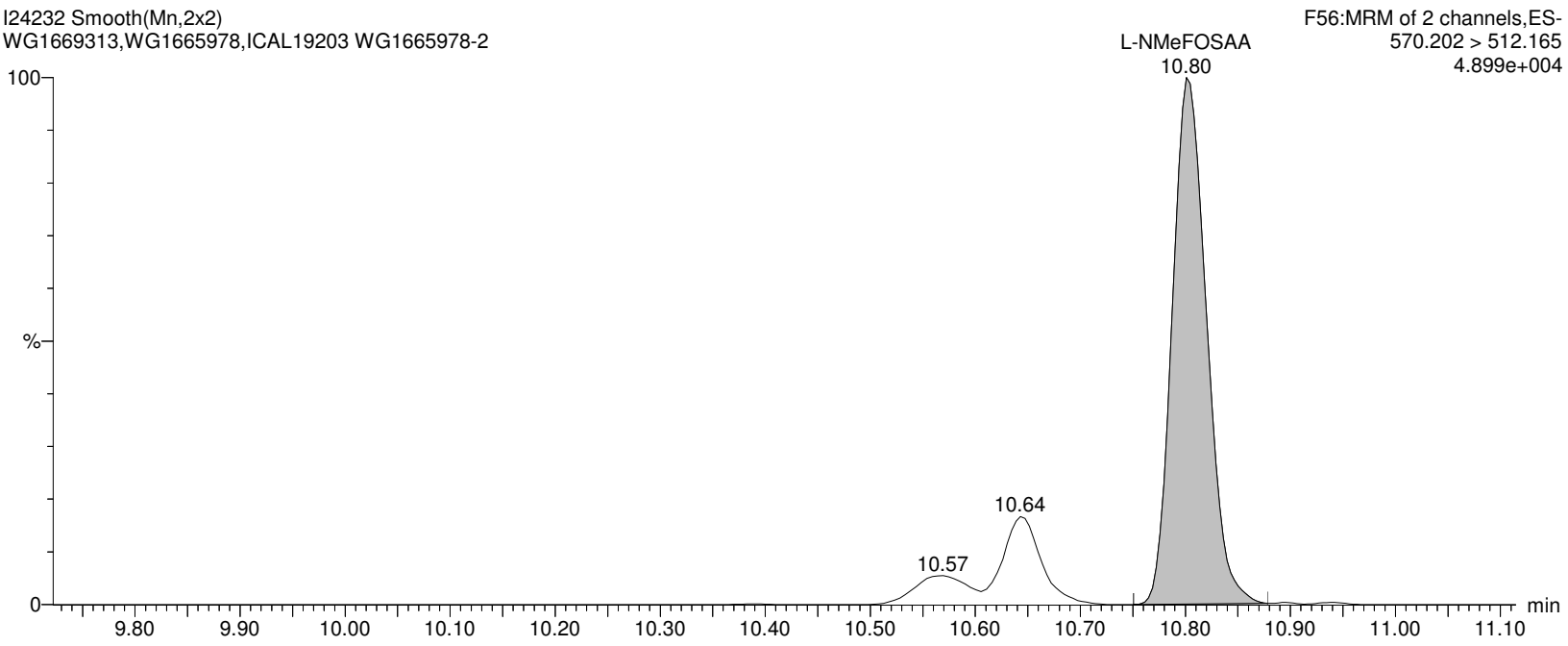
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:23 Eastern Daylight Time

Name: I24232
ID: WG1665978-2
Date: 31-Jul-2022
Time: 00:18:10
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

L-NMeFOSAA



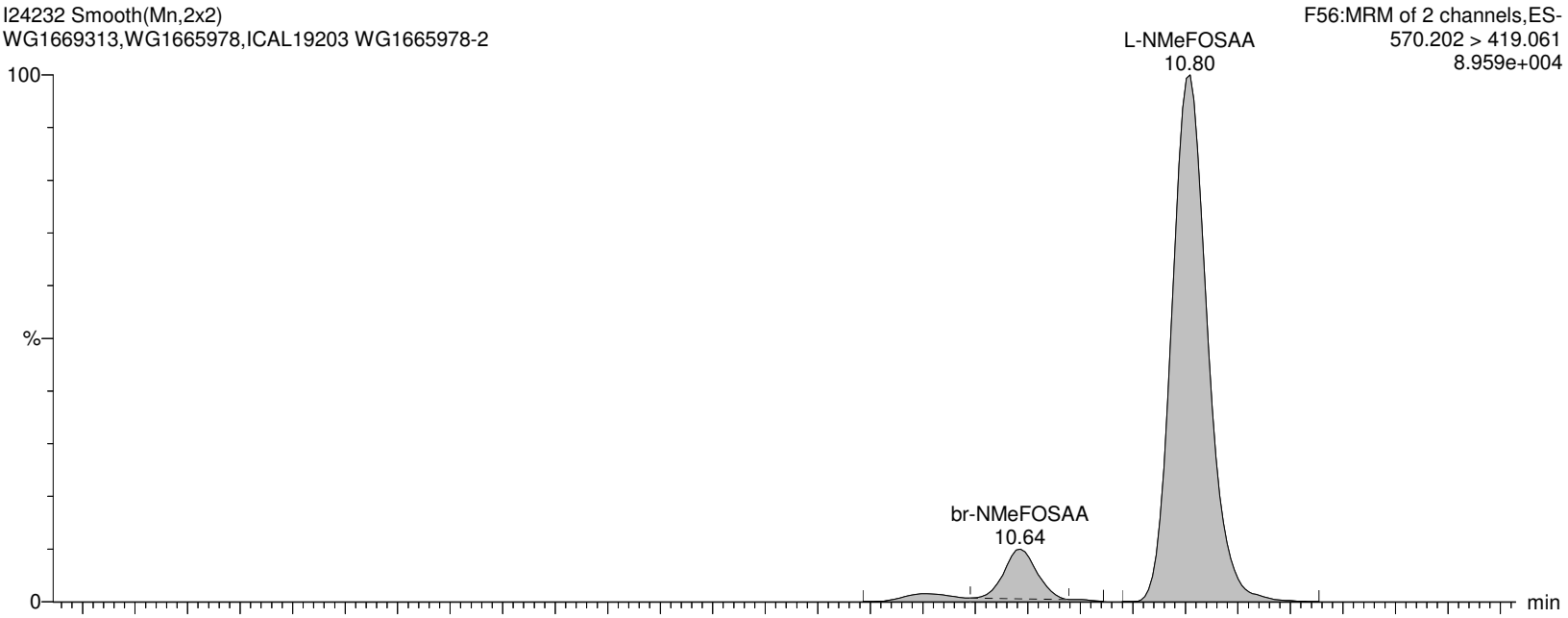


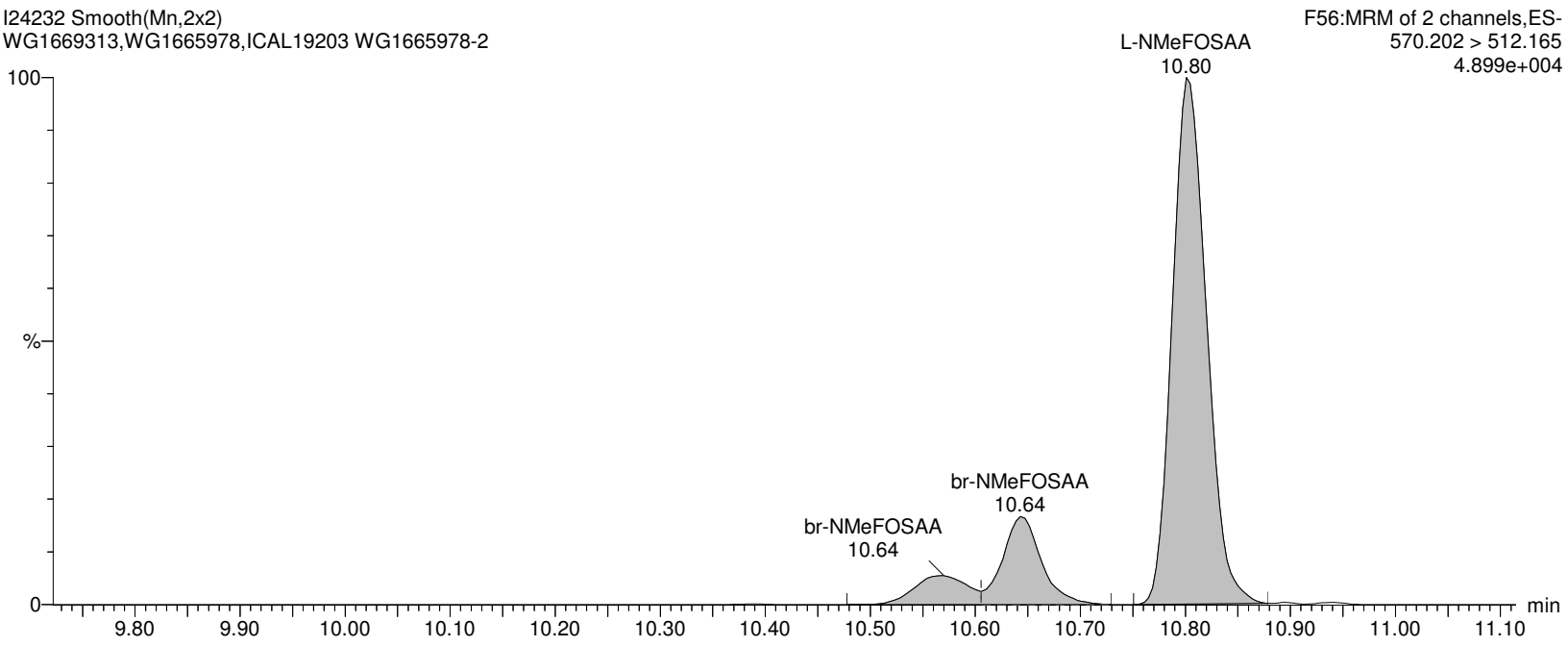
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:23 Eastern Daylight Time

Name: I24232
ID: WG1665978-2
Date: 31-Jul-2022
Time: 00:18:10
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

NMeFOSAA



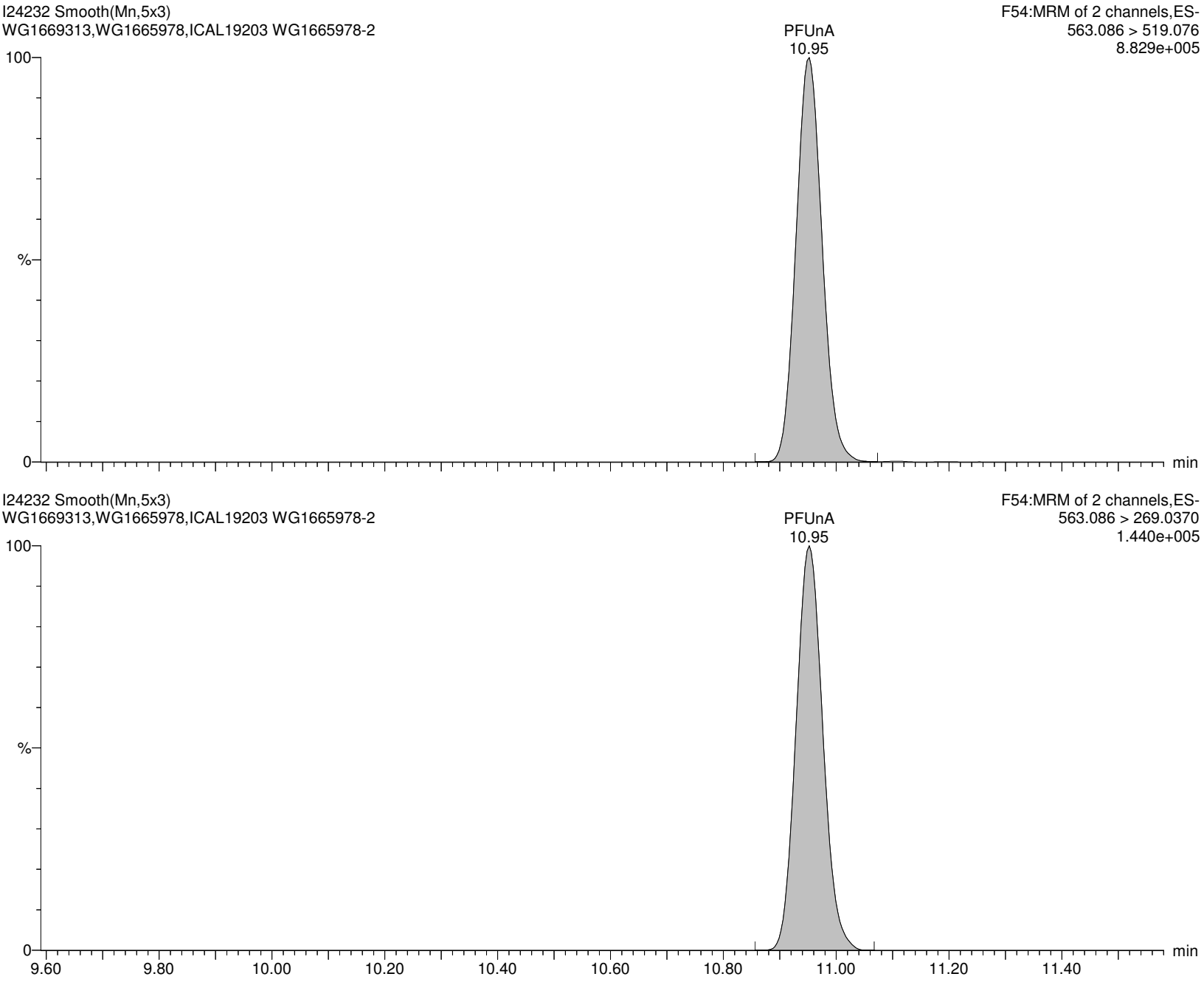


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:23 Eastern Daylight Time

Name: I24232
ID: WG1665978-2
Date: 31-Jul-2022
Time: 00:18:10
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFUnA

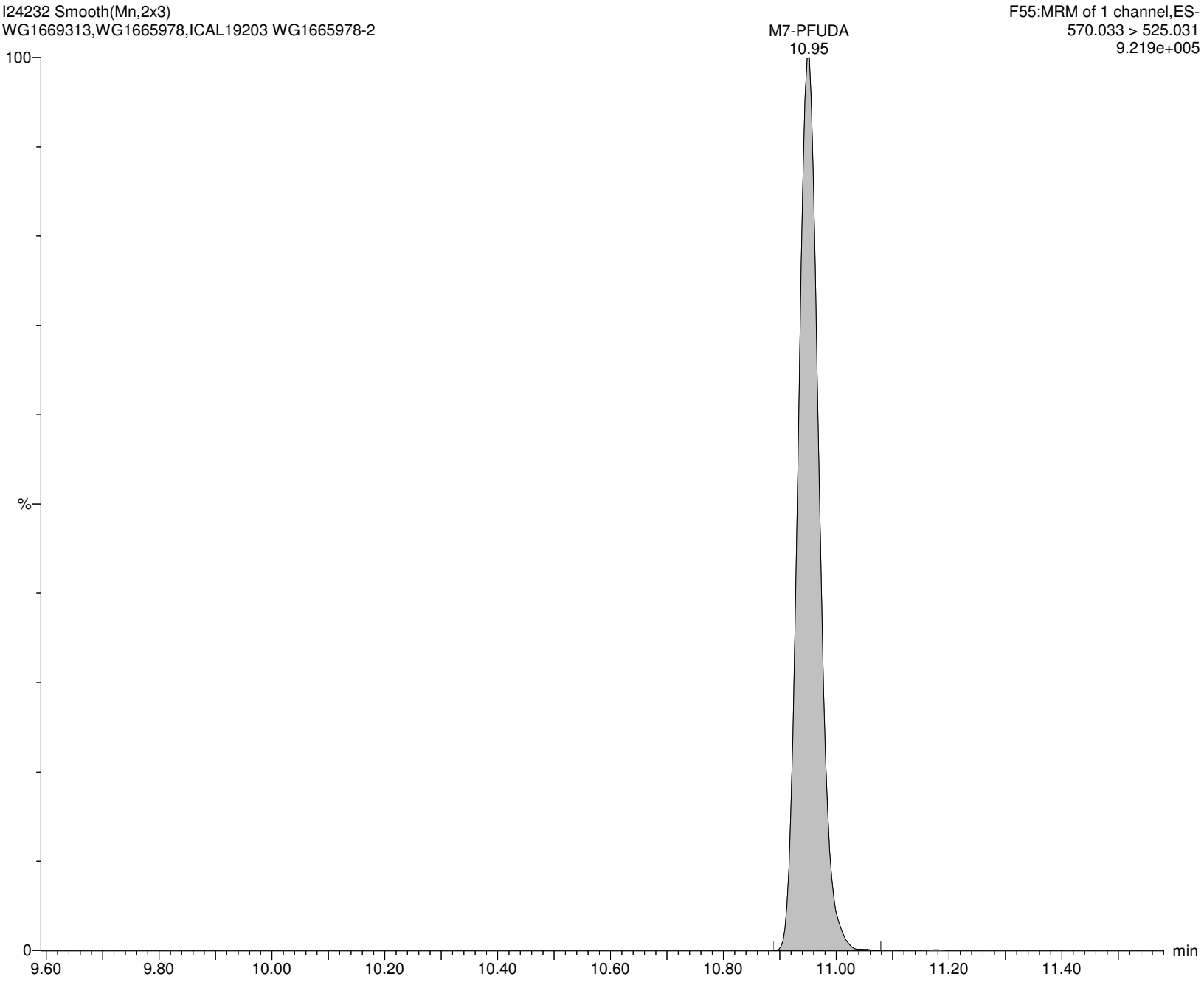


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:23 Eastern Daylight Time

Name: I24232
ID: WG1665978-2
Date: 31-Jul-2022
Time: 00:18:10
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M7-PFUDA

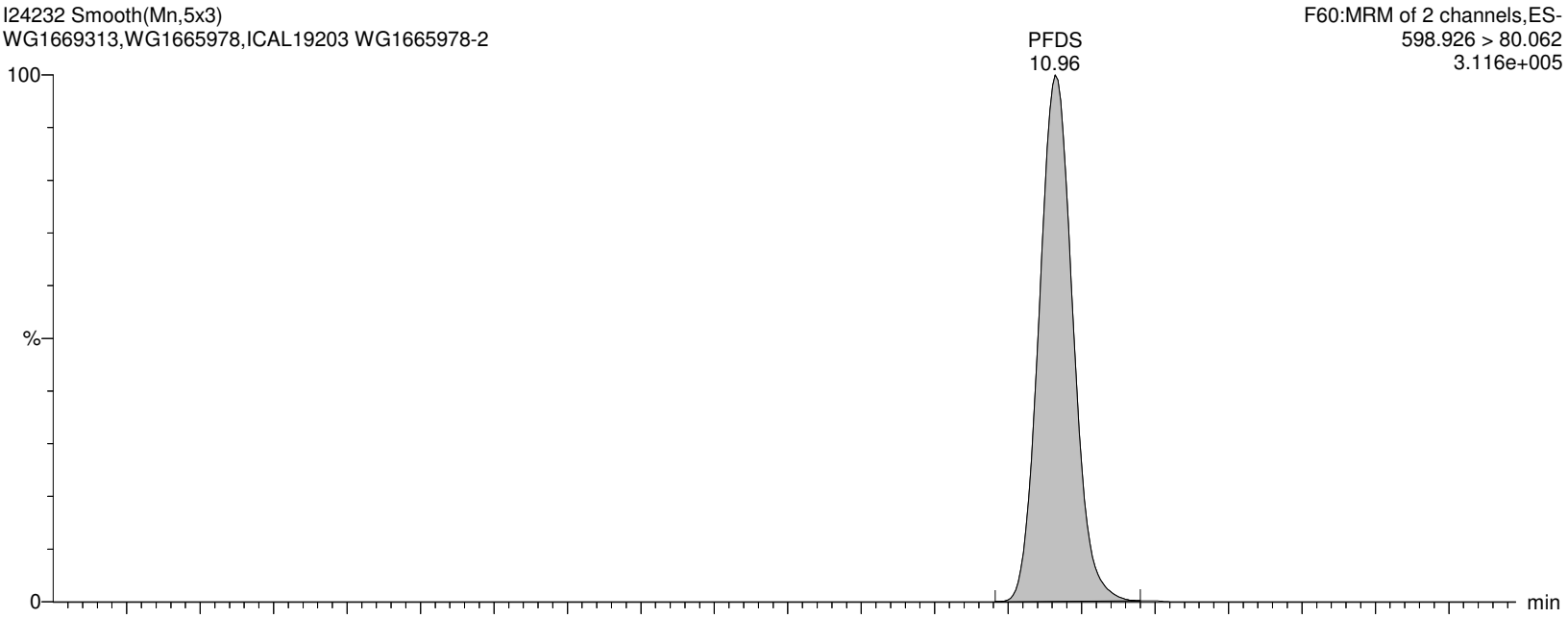


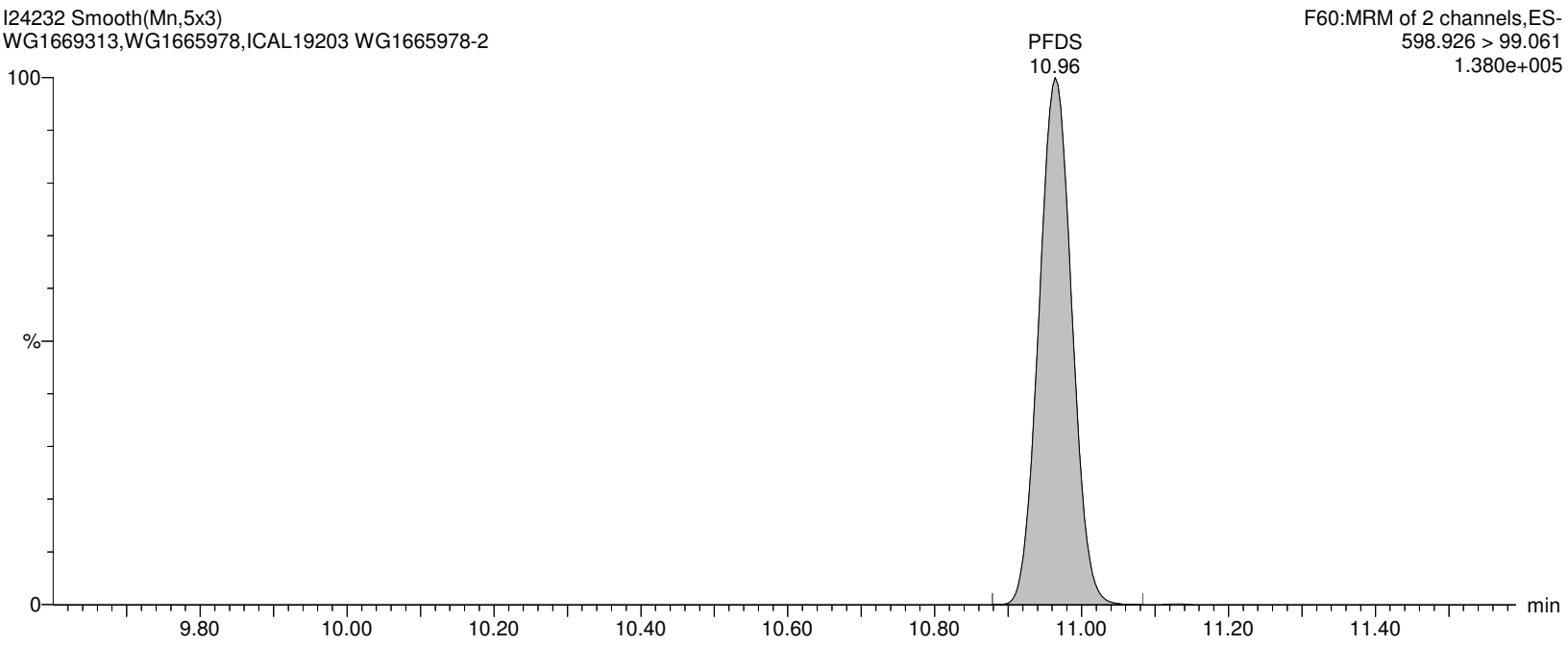
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:23 Eastern Daylight Time

Name: I24232
ID: WG1665978-2
Date: 31-Jul-2022
Time: 00:18:10
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFDS



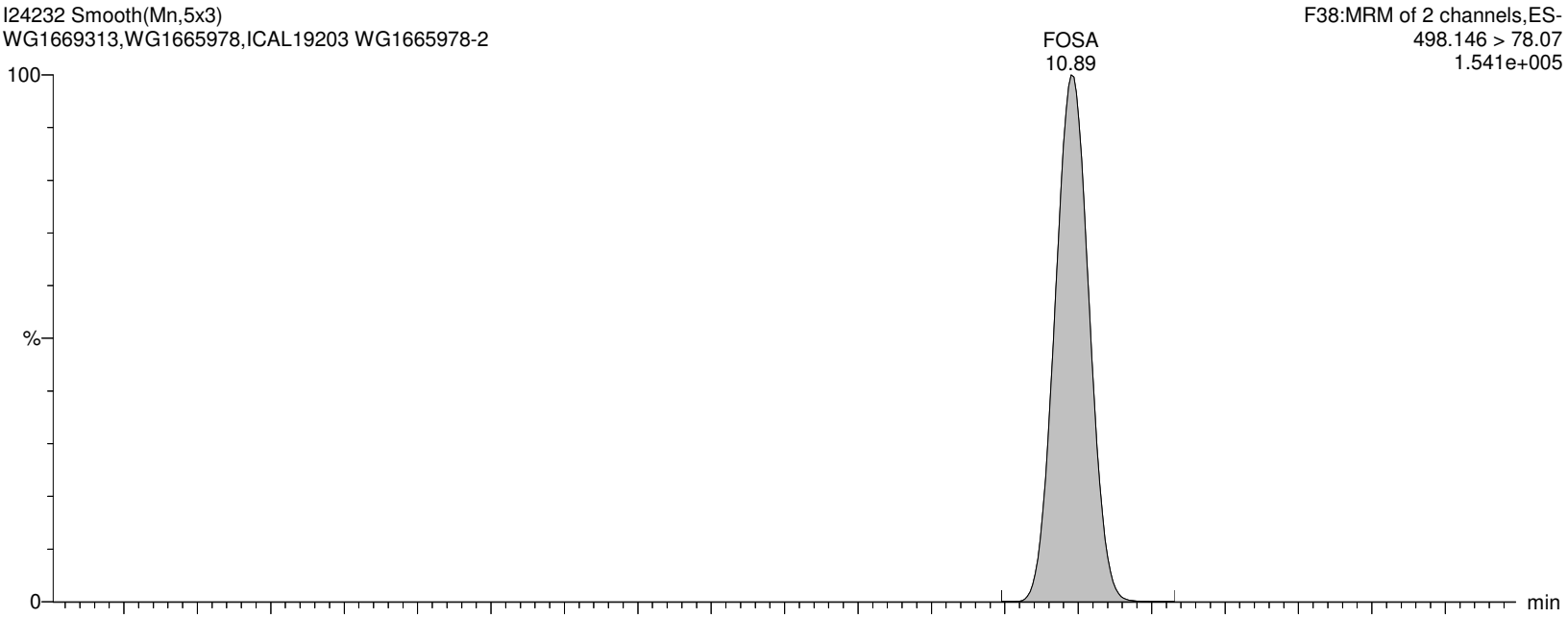


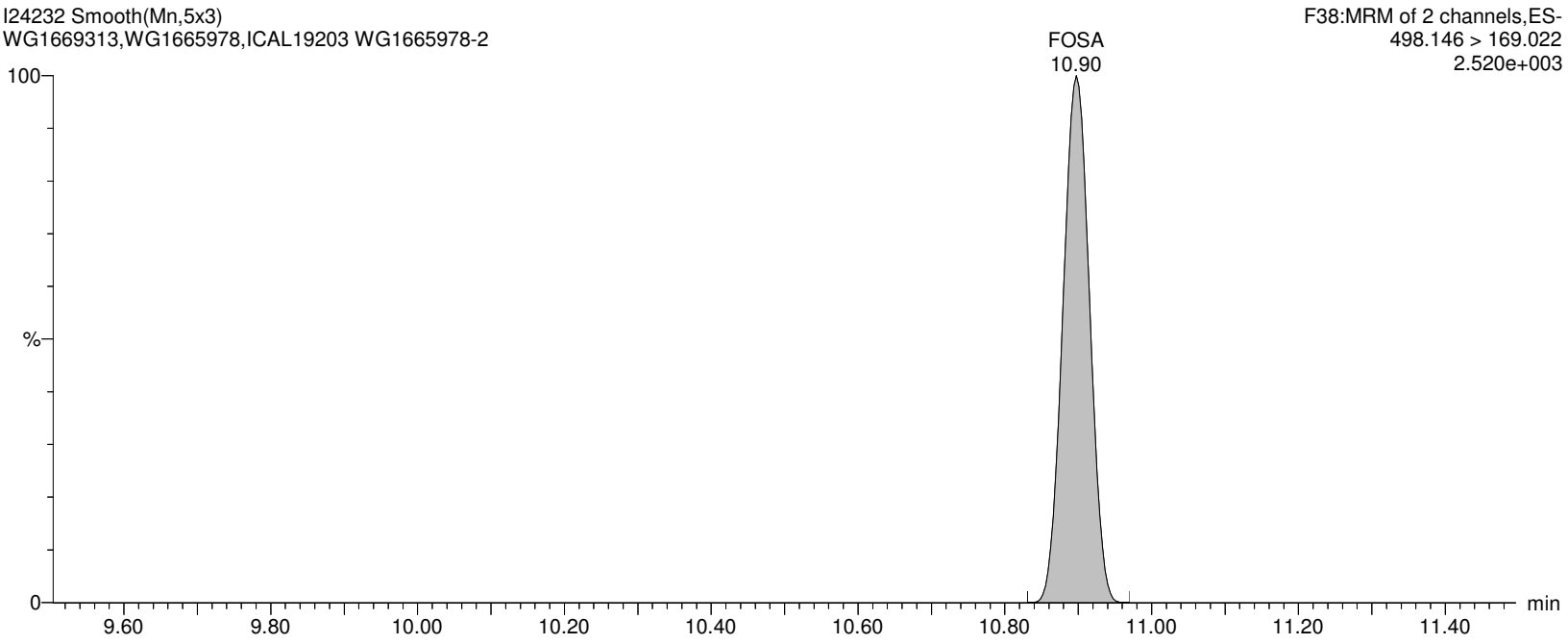
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:23 Eastern Daylight Time

Name: I24232
ID: WG1665978-2
Date: 31-Jul-2022
Time: 00:18:10
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

FOSA



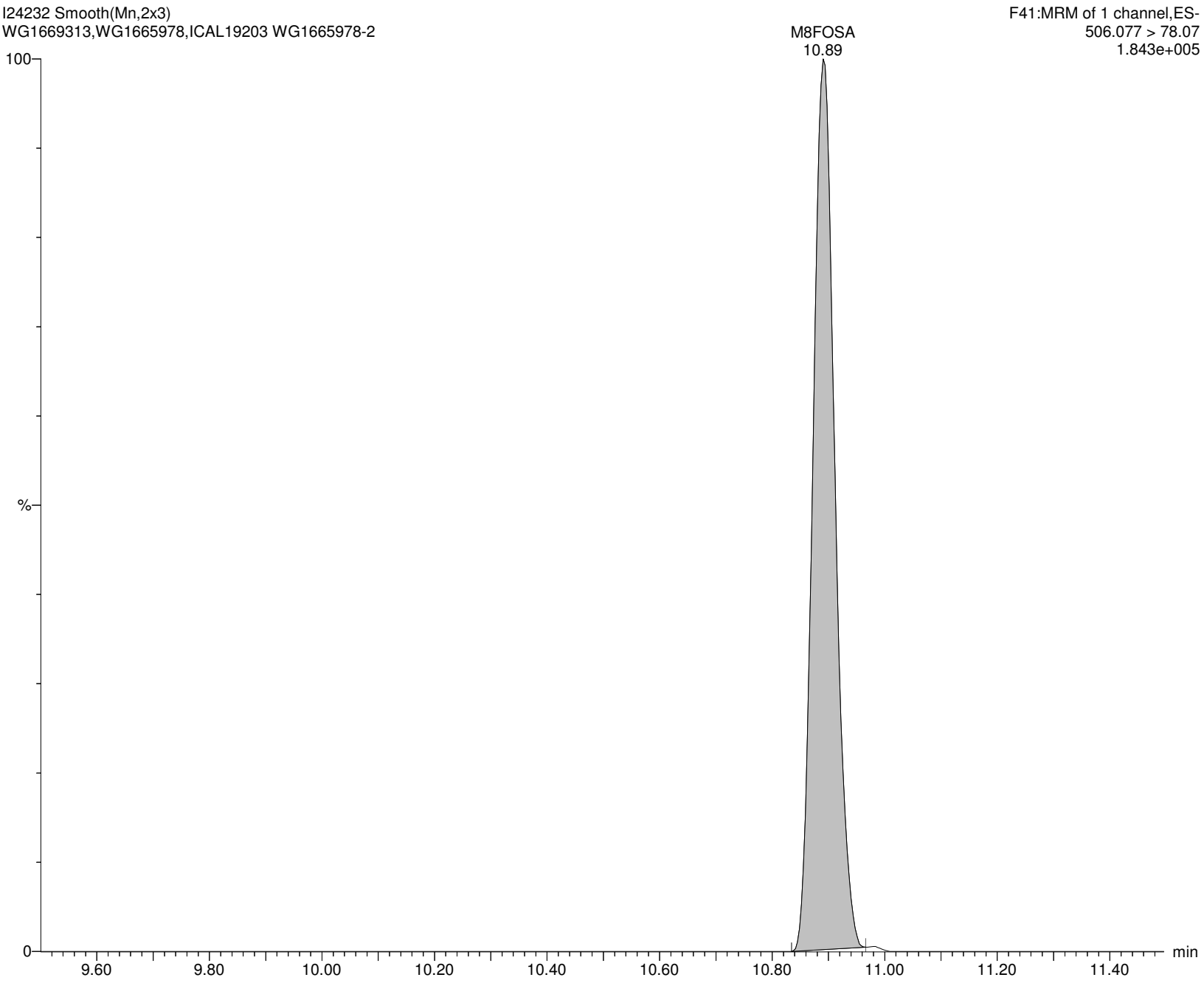


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:23 Eastern Daylight Time

Name: I24232
ID: WG1665978-2
Date: 31-Jul-2022
Time: 00:18:10
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M8FOSA

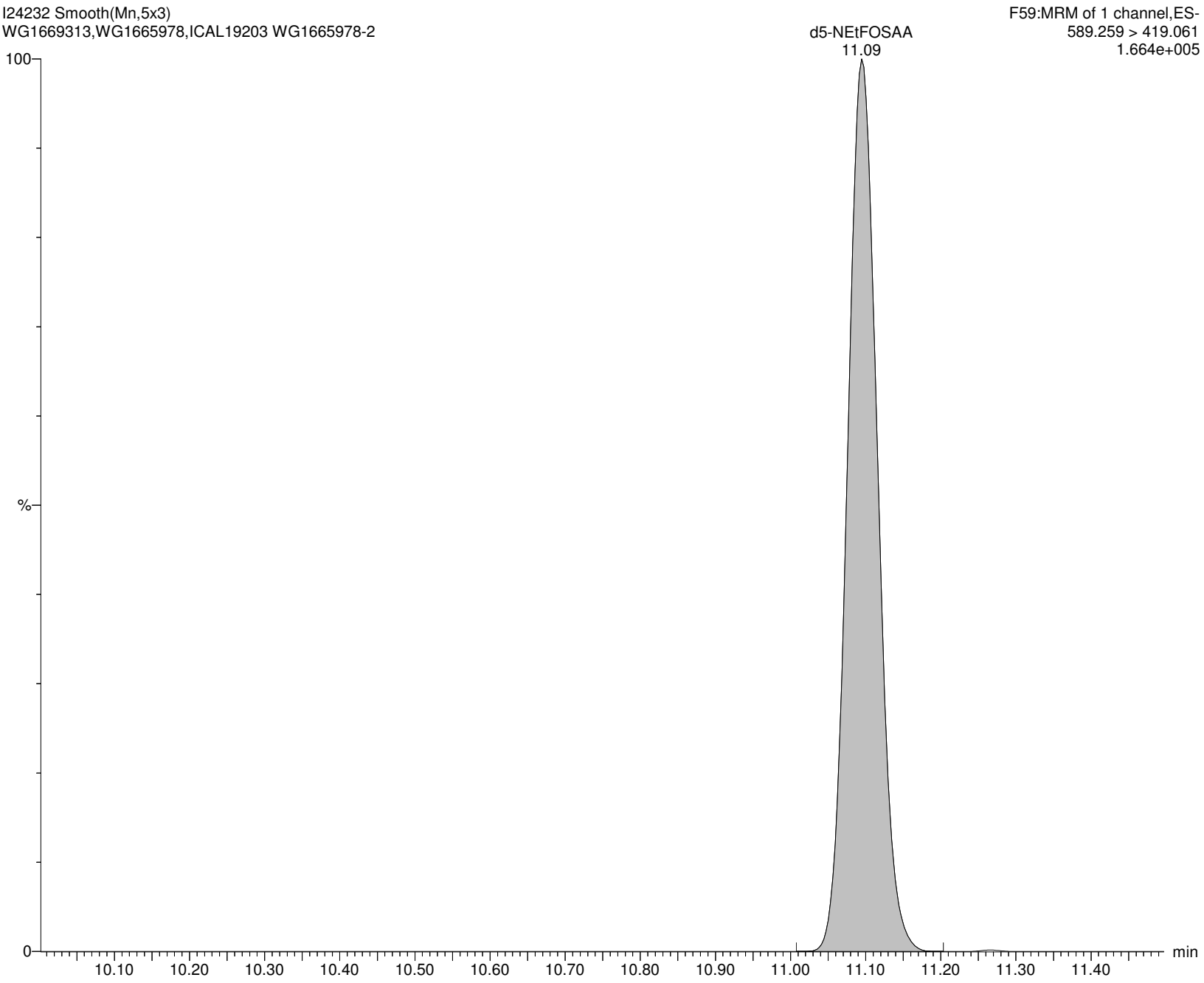


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:23 Eastern Daylight Time

Name: I24232
ID: WG1665978-2
Date: 31-Jul-2022
Time: 00:18:10
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

d5-NEtFOSAA

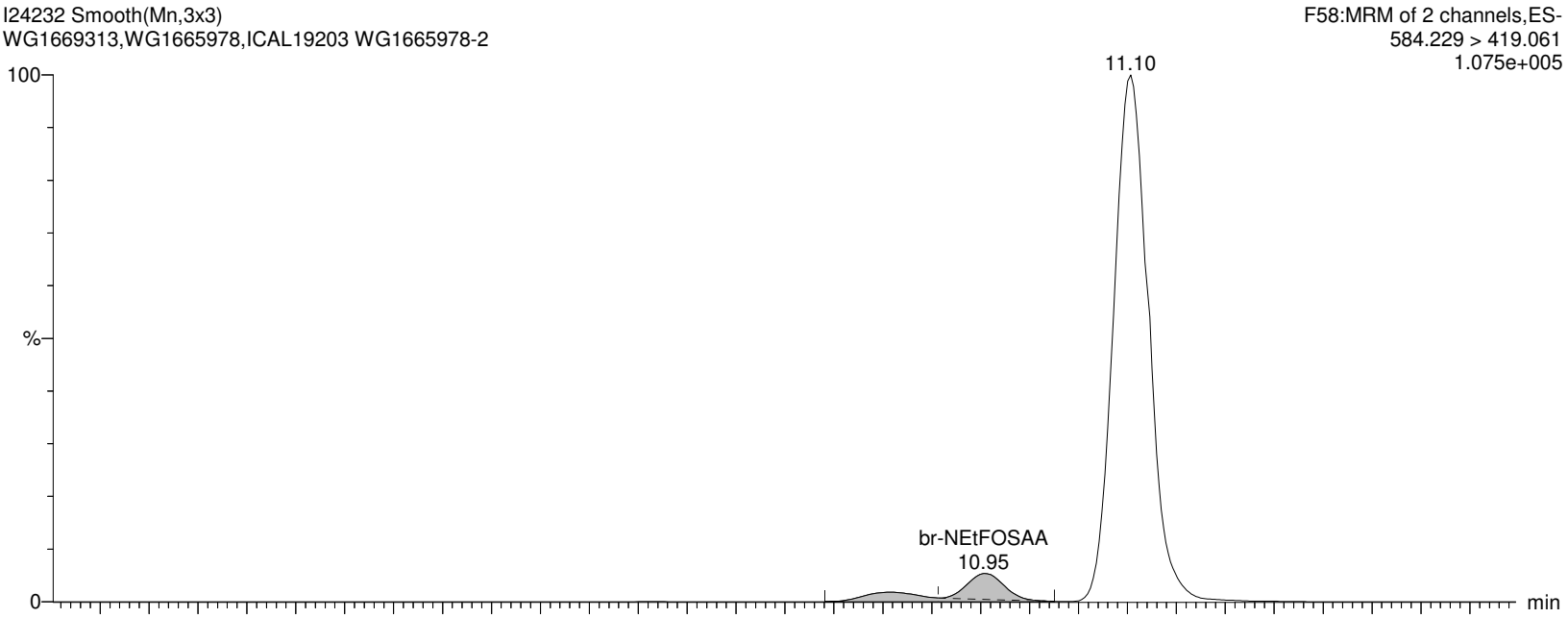


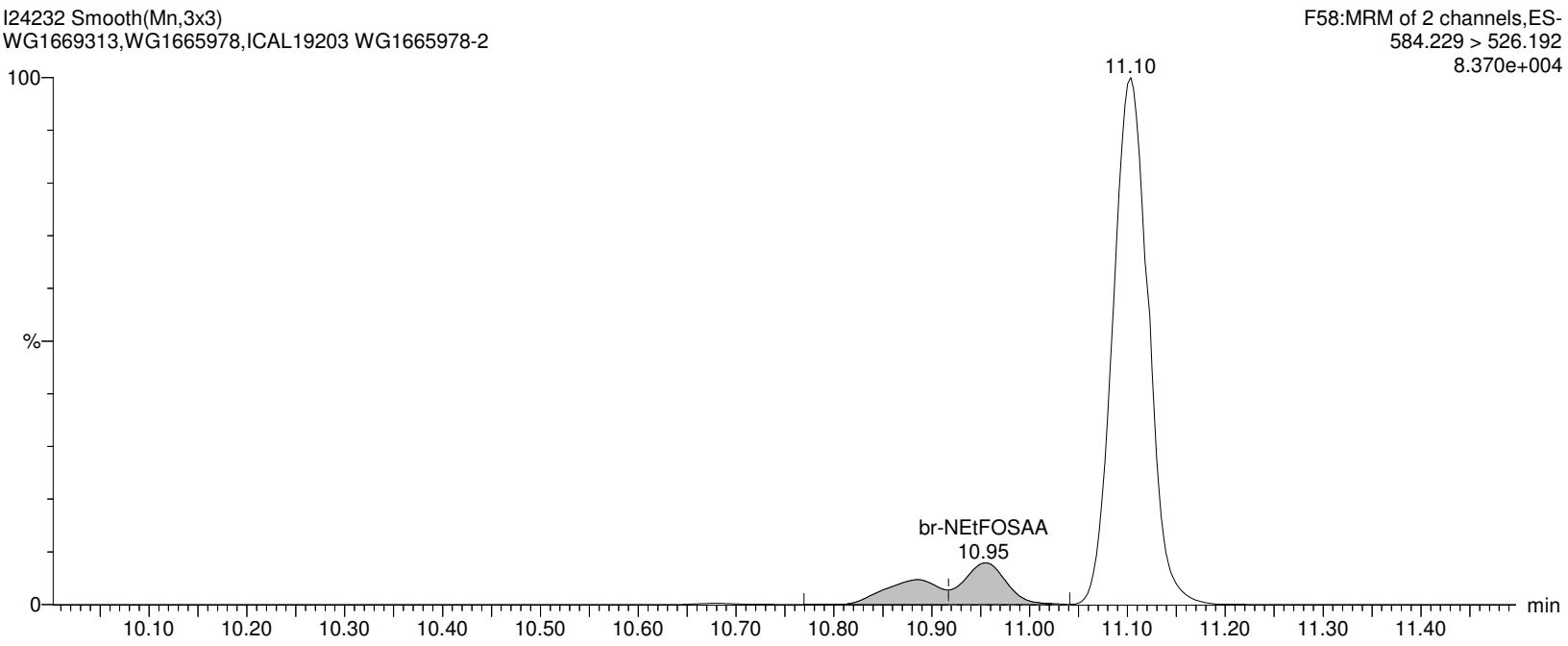
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:23 Eastern Daylight Time

Name: I24232
ID: WG1665978-2
Date: 31-Jul-2022
Time: 00:18:10
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

br-NEtFOSAA



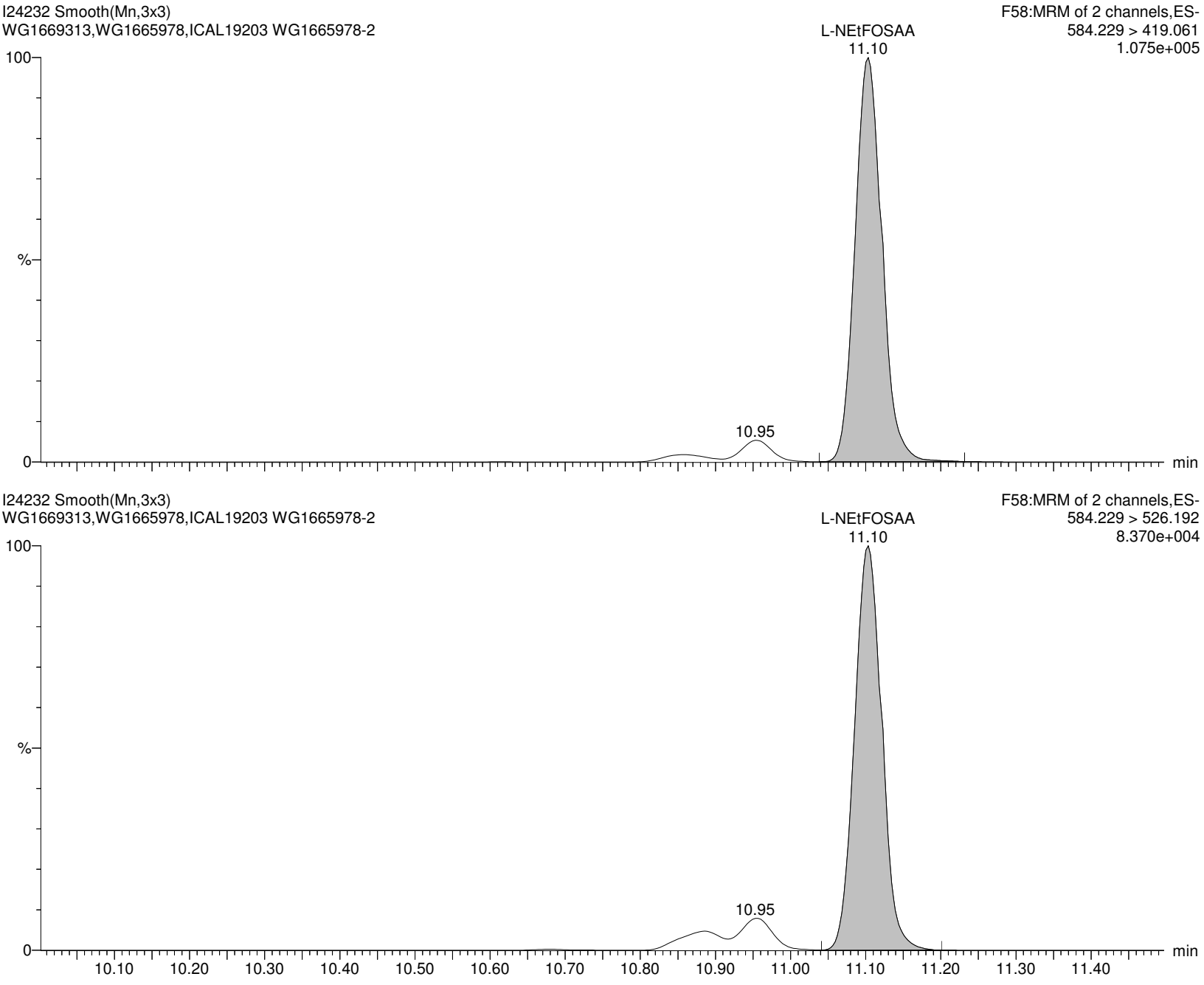


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:23 Eastern Daylight Time

Name: I24232
ID: WG1665978-2
Date: 31-Jul-2022
Time: 00:18:10
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

L-NEtFOSAA

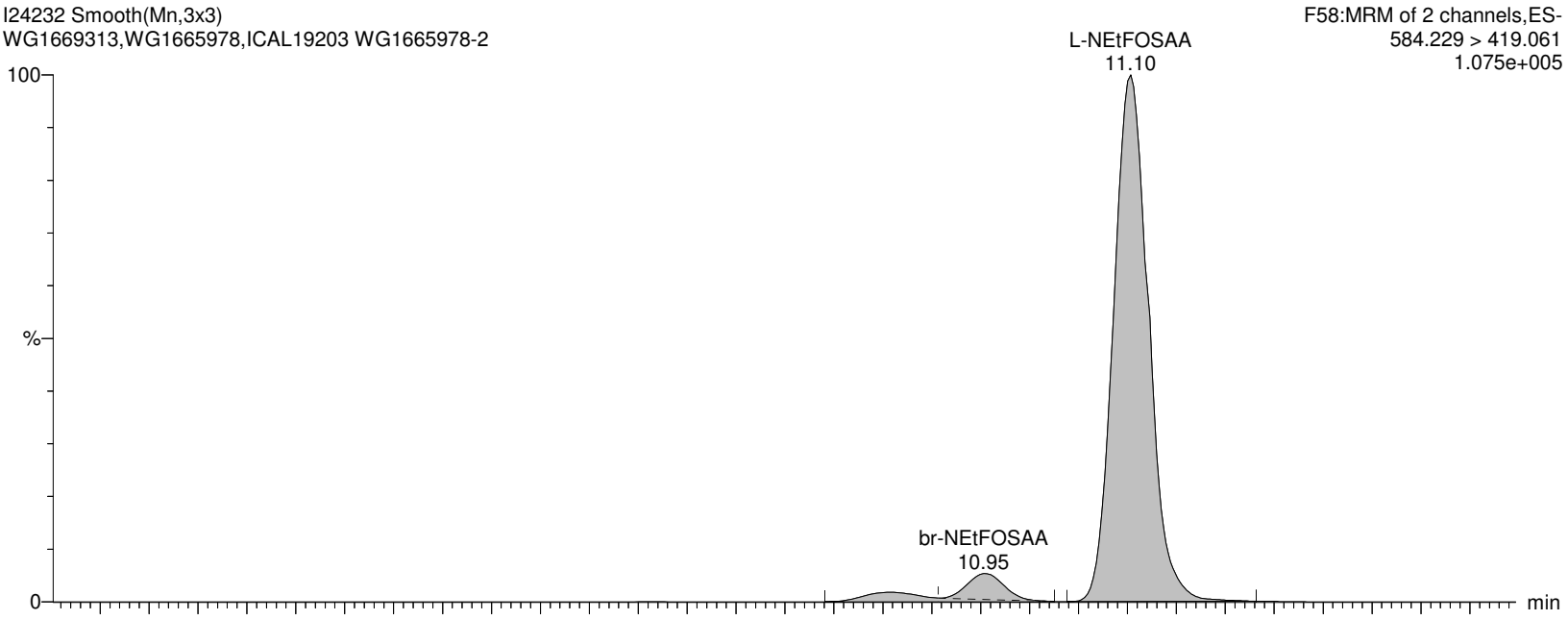


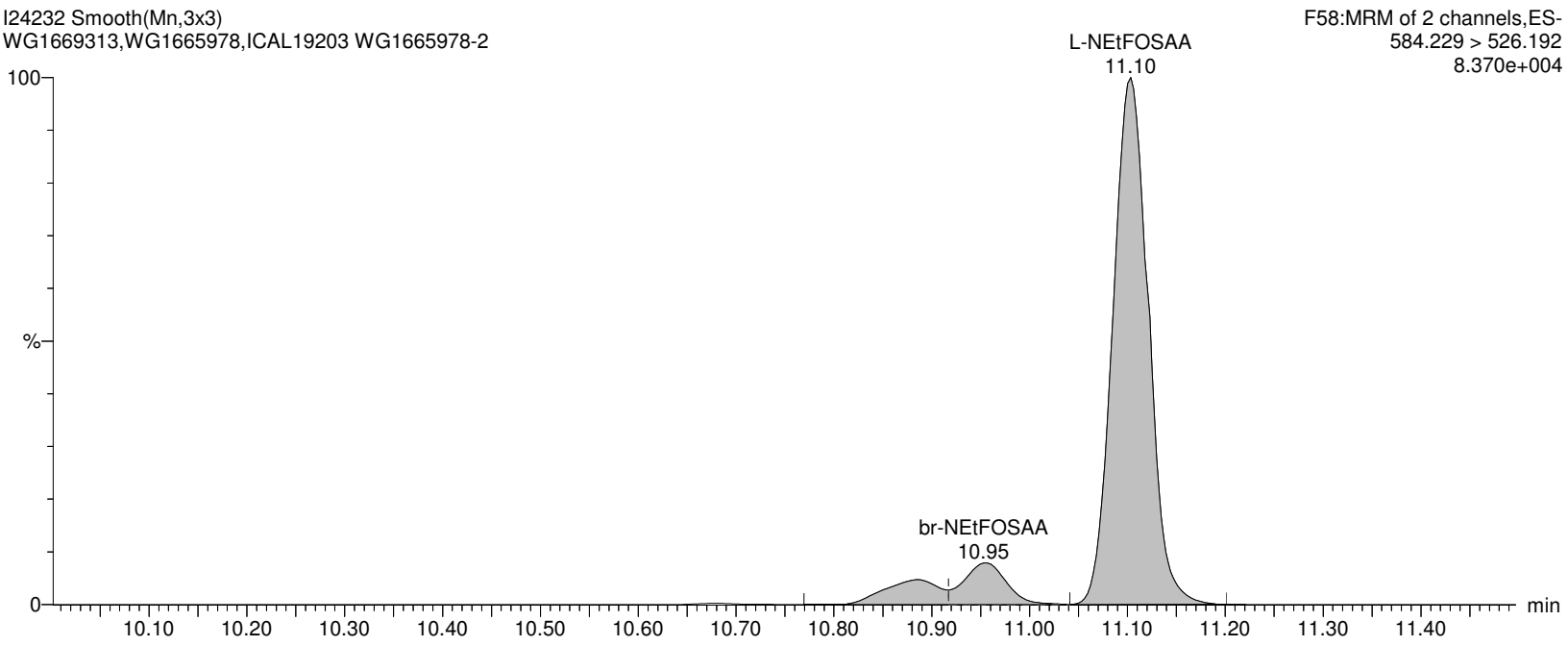
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:23 Eastern Daylight Time

Name: I24232
ID: WG1665978-2
Date: 31-Jul-2022
Time: 00:18:10
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

NEtFOSAA



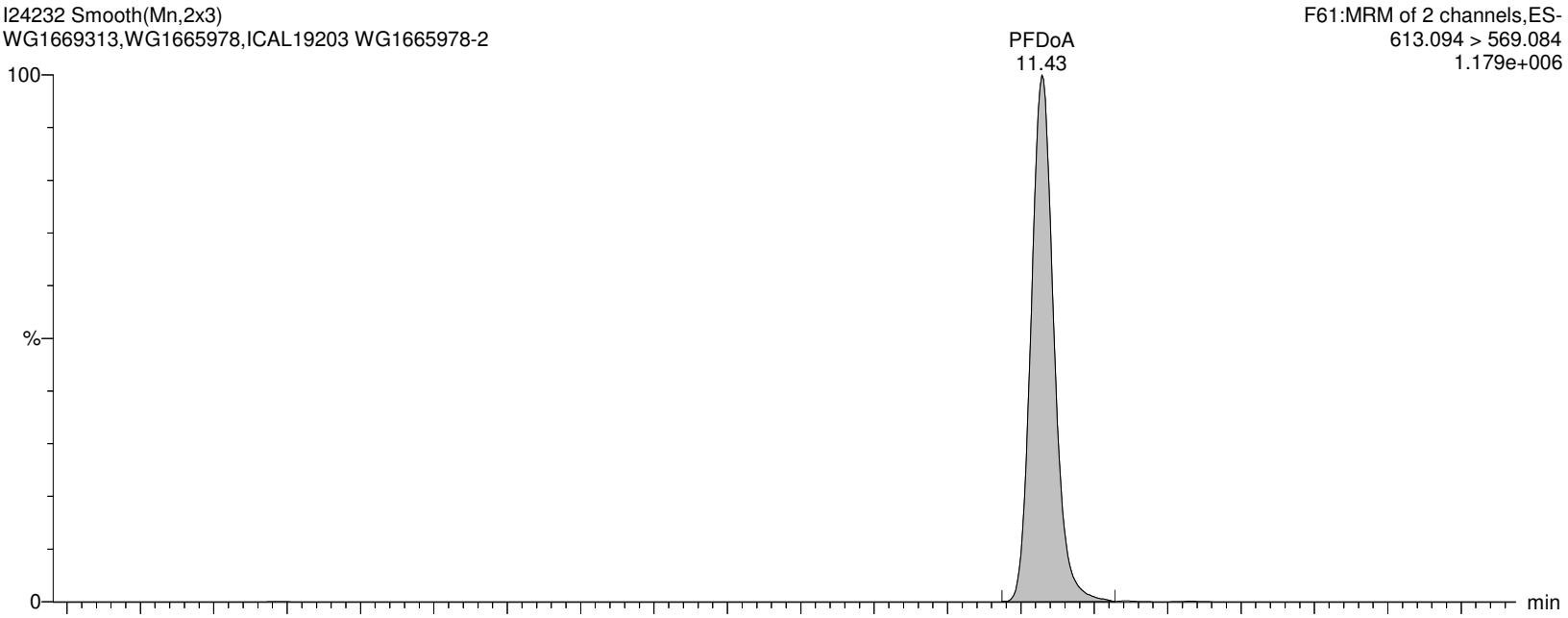


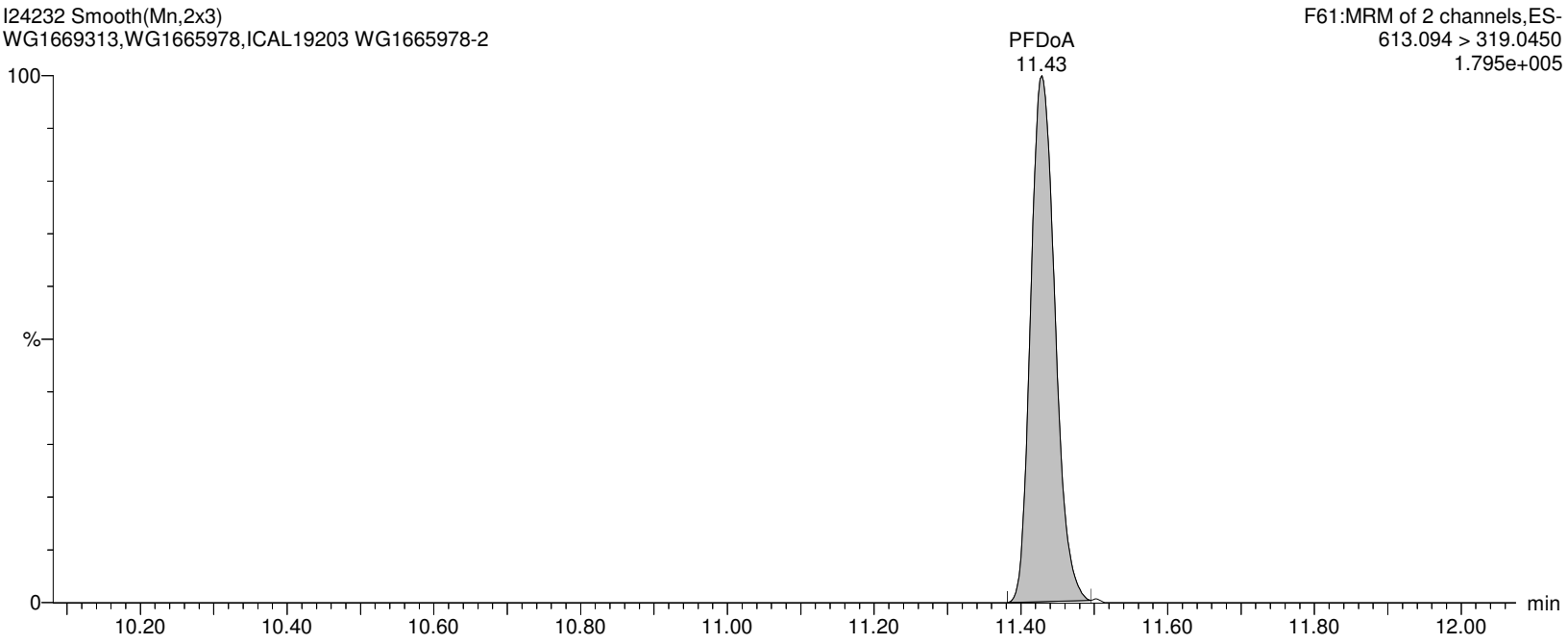
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:23 Eastern Daylight Time

Name: I24232
ID: WG1665978-2
Date: 31-Jul-2022
Time: 00:18:10
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFDoA



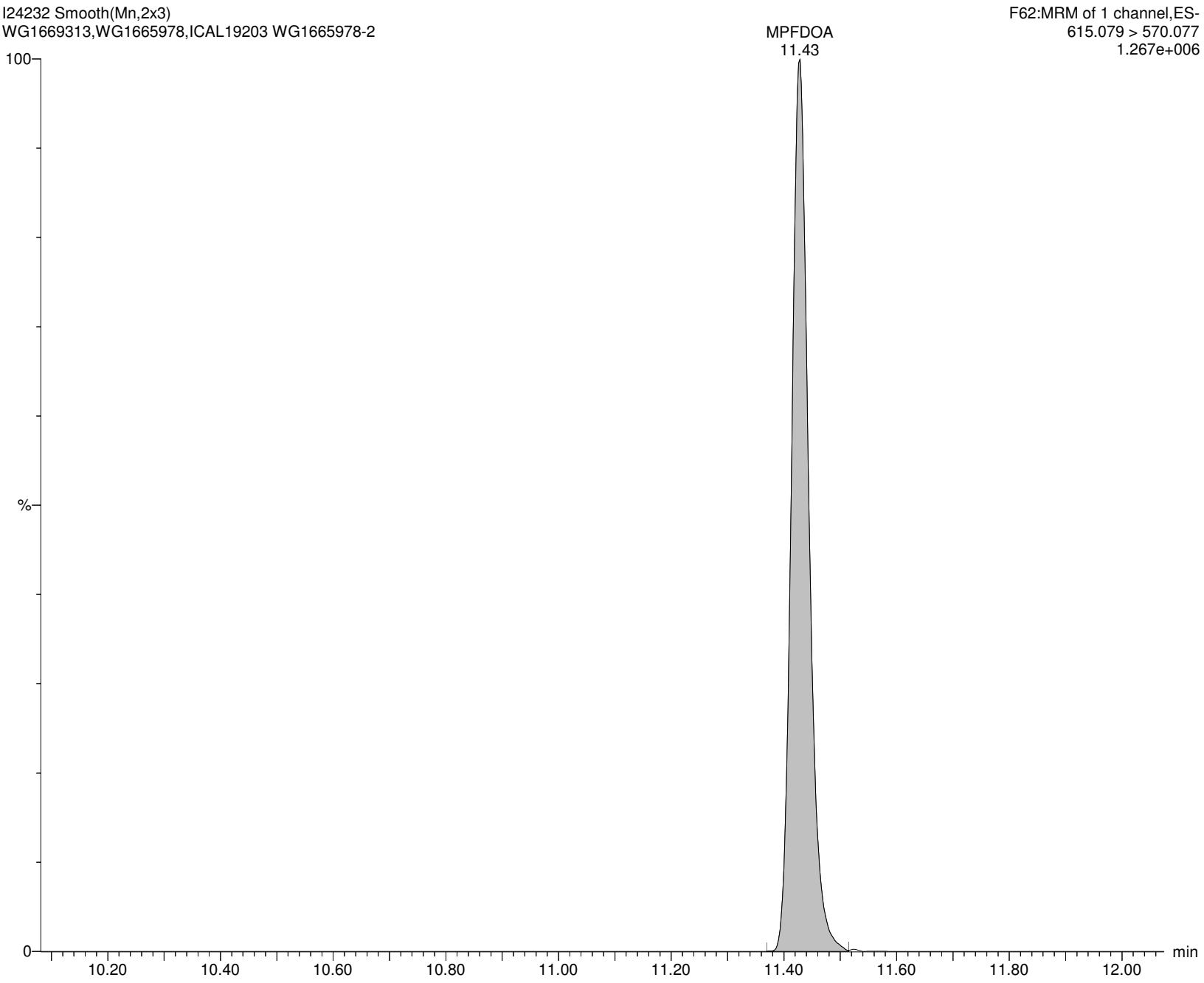


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:23 Eastern Daylight Time

Name: I24232
ID: WG1665978-2
Date: 31-Jul-2022
Time: 00:18:10
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

MPFDOA

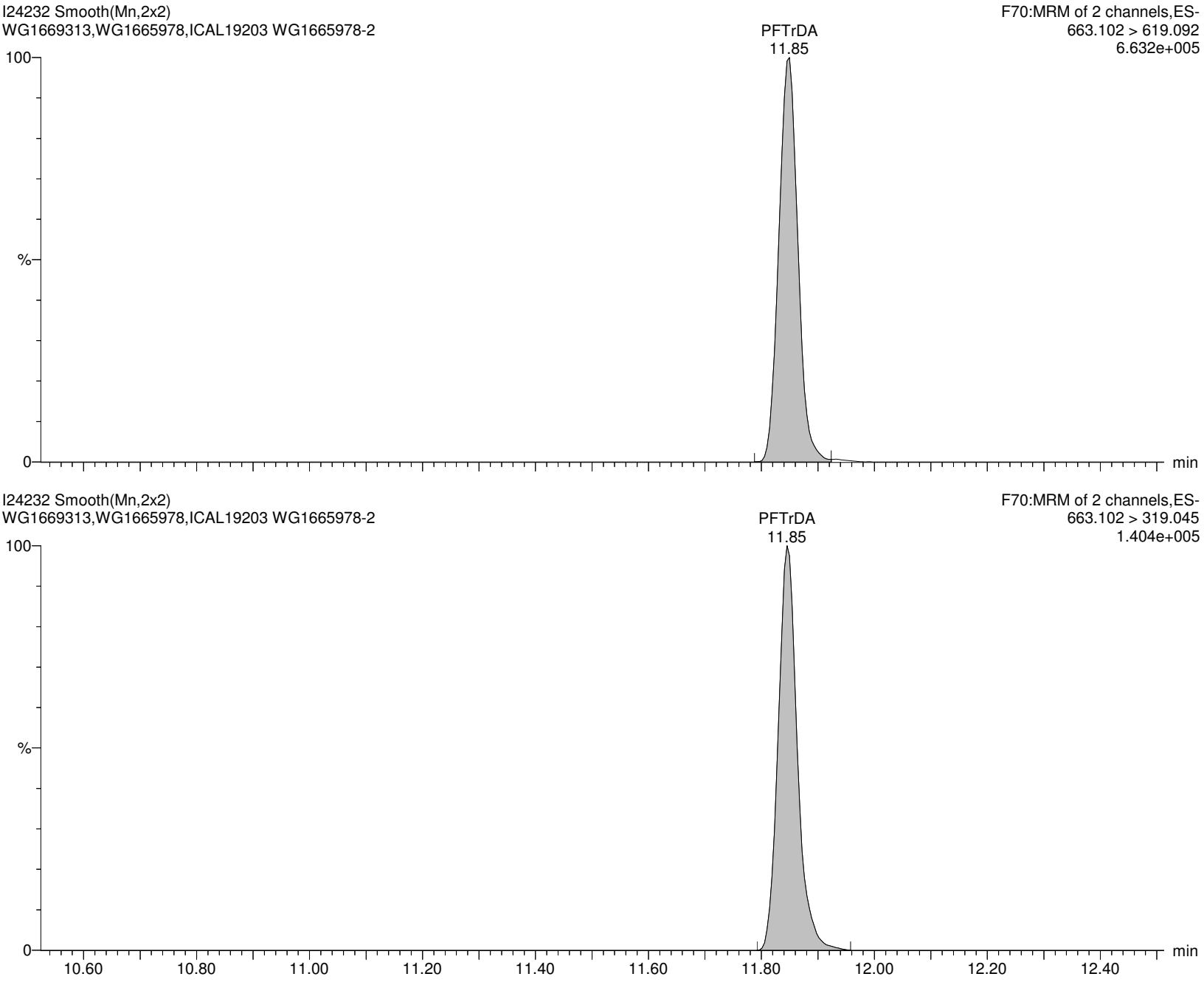


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:23 Eastern Daylight Time

Name: I24232
ID: WG1665978-2
Date: 31-Jul-2022
Time: 00:18:10
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFTrDA

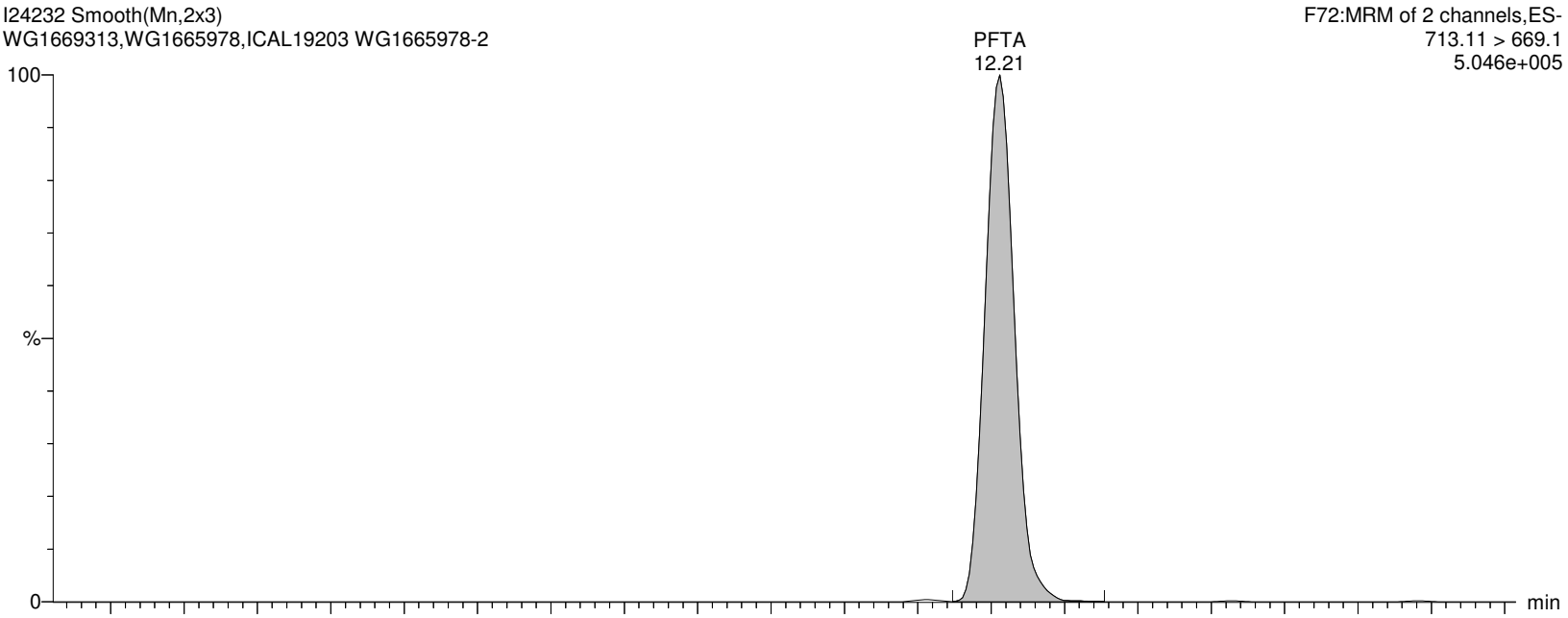


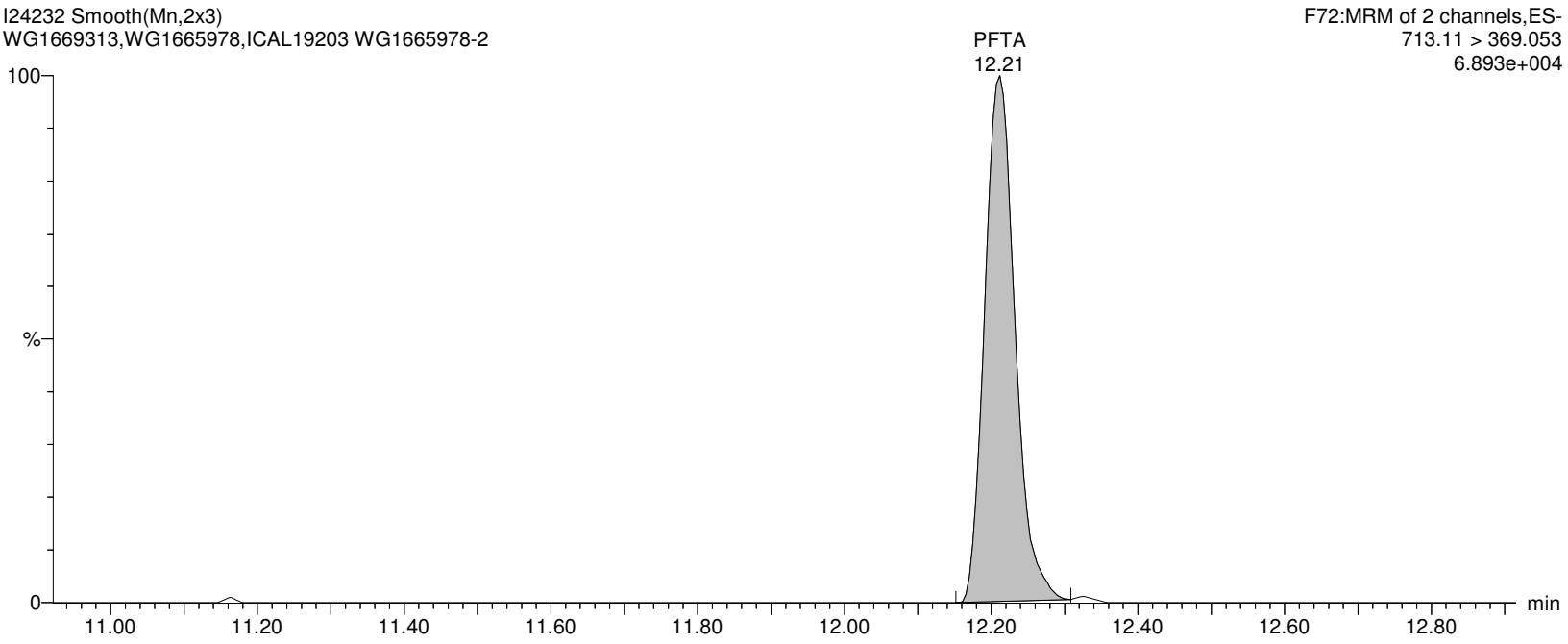
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:23 Eastern Daylight Time

Name: I24232
ID: WG1665978-2
Date: 31-Jul-2022
Time: 00:18:10
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFTA



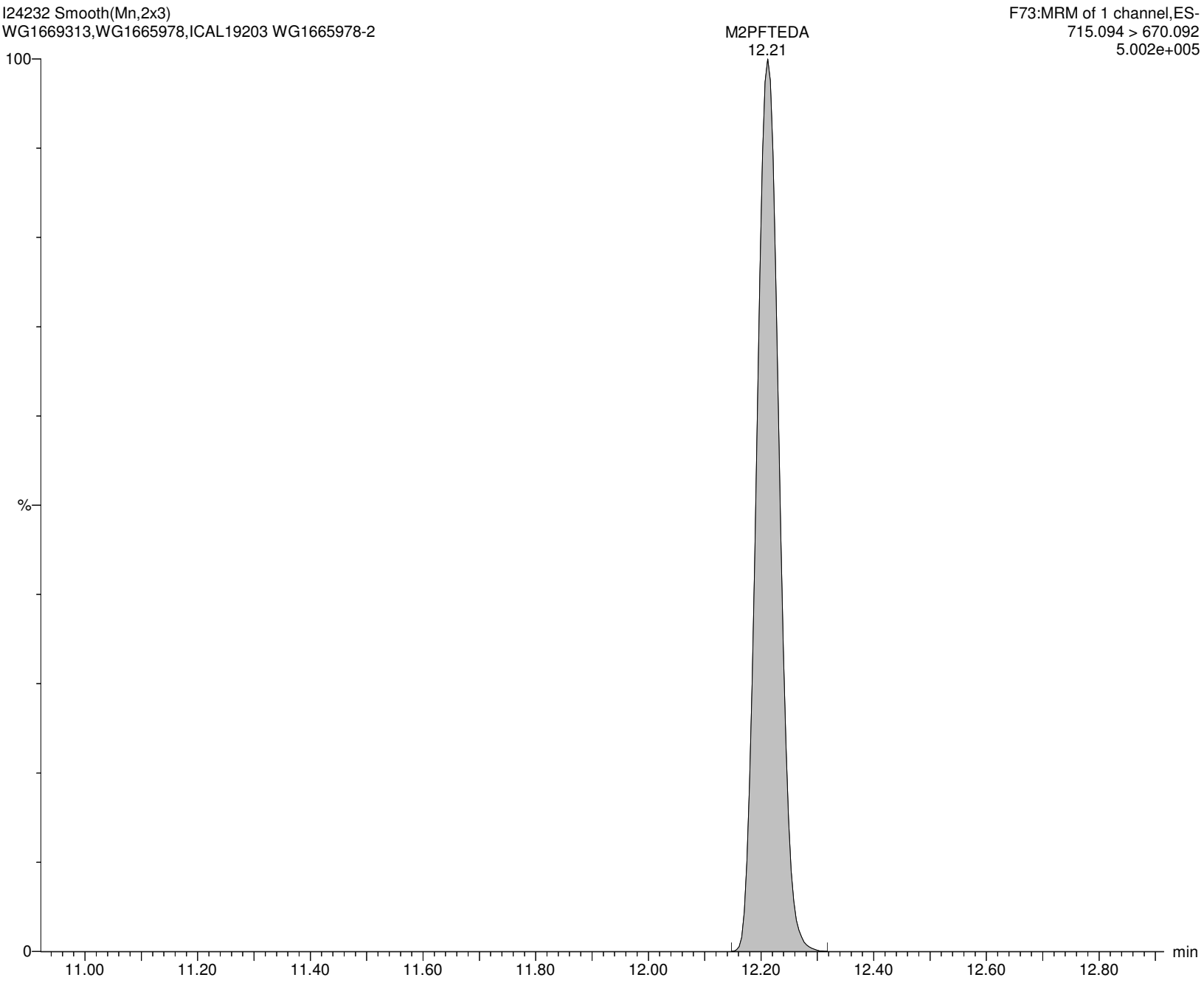


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:23 Eastern Daylight Time

Name: I24232
ID: WG1665978-2
Date: 31-Jul-2022
Time: 00:18:10
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,2
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2PFTEDA



all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\Data\WG1669465-A.qld
Last Altered: Sunday, July 31, 2022 13:14:13 Eastern Daylight Time
Printed: Sunday, July 31, 2022 13:14:32 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\MethDB\MeOH_FRAC_220727.mdb 27 Jul 2022 13:43:47
Calibration: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\CurveDB\220727_MEOH_ICAL.cdb 27 Jul 2022 13:45:01

ID: WG1665978-2
Name: M08762
Date: 31-Jul-2022
Time: 12:41:34
Description: WG1669465,WG1665978,ICAL19209
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:SG
Inlet Method Name: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	M5PFNA	INT STD	2.24	468 > 423	24149		12.930		na	129.3
2	M2-PFUDA	INT STD	2.83	565.1 > 520.1	21629		12.162		na	121.6
3	FOSA	754-91-6	2.81	497.989 > 78.245	15321		10.299	169.88	NO	103.0
4	M8FOSA	INT STD	2.81	506.053 > 78.286	12822		7.991		na	79.9

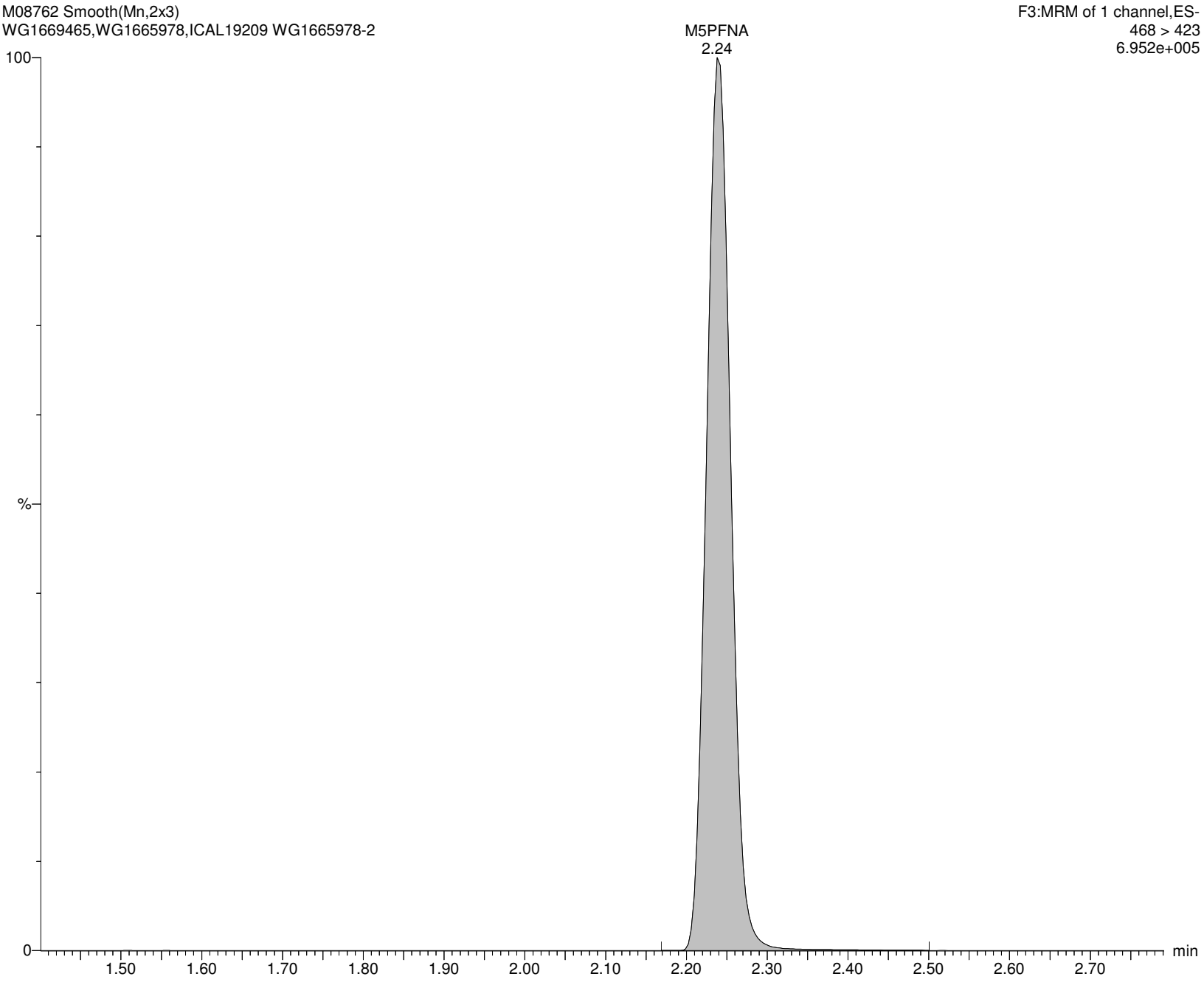
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\Data\WG1669465-A.qld
Last Altered: Sunday, July 31, 2022 13:14:13 Eastern Daylight Time
Printed: Sunday, July 31, 2022 13:14:32 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\MethDB\MeOH_FRAC_220727.mdb 27 Jul 2022 13:43:47
Calibration: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\CurveDB\220727_MEOH_ICAL.cdb 27 Jul 2022 13:45:01

Name: M08762
ID: WG1665978-2
Date: 31-Jul-2022
Time: 12:41:34
Description: WG1669465,WG1665978,ICAL19209
User: LCMS01:SG
Vial: 1:B,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

M5PFNA

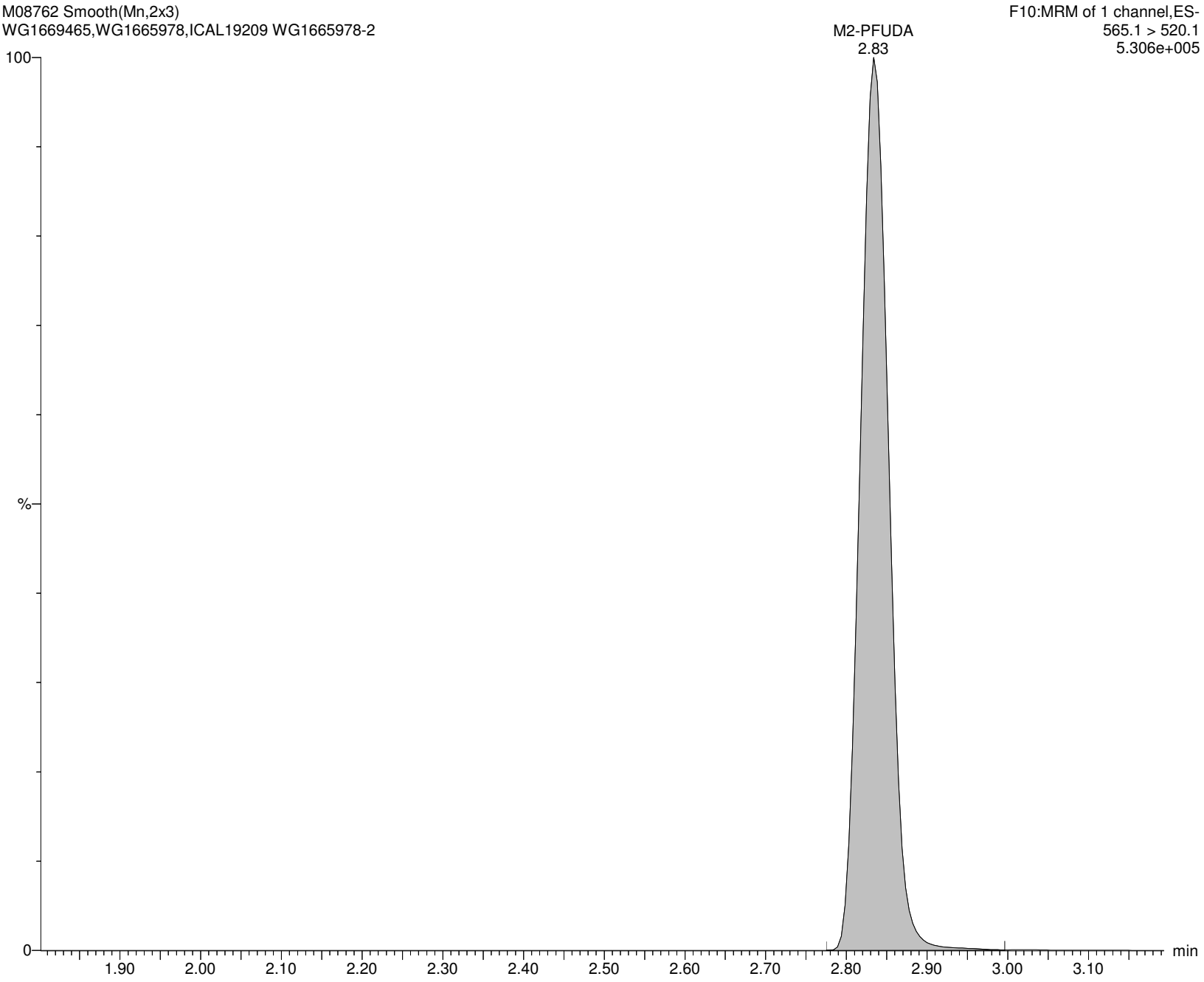


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\Data\WG1669465-A.qld
Last Altered: Sunday, July 31, 2022 13:14:13 Eastern Daylight Time
Printed: Sunday, July 31, 2022 13:14:32 Eastern Daylight Time

Name: M08762
ID: WG1665978-2
Date: 31-Jul-2022
Time: 12:41:34
Description: WG1669465,WG1665978,ICAL19209
User: LCMS01:SG
Vial: 1:B,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

M2-PFUDA

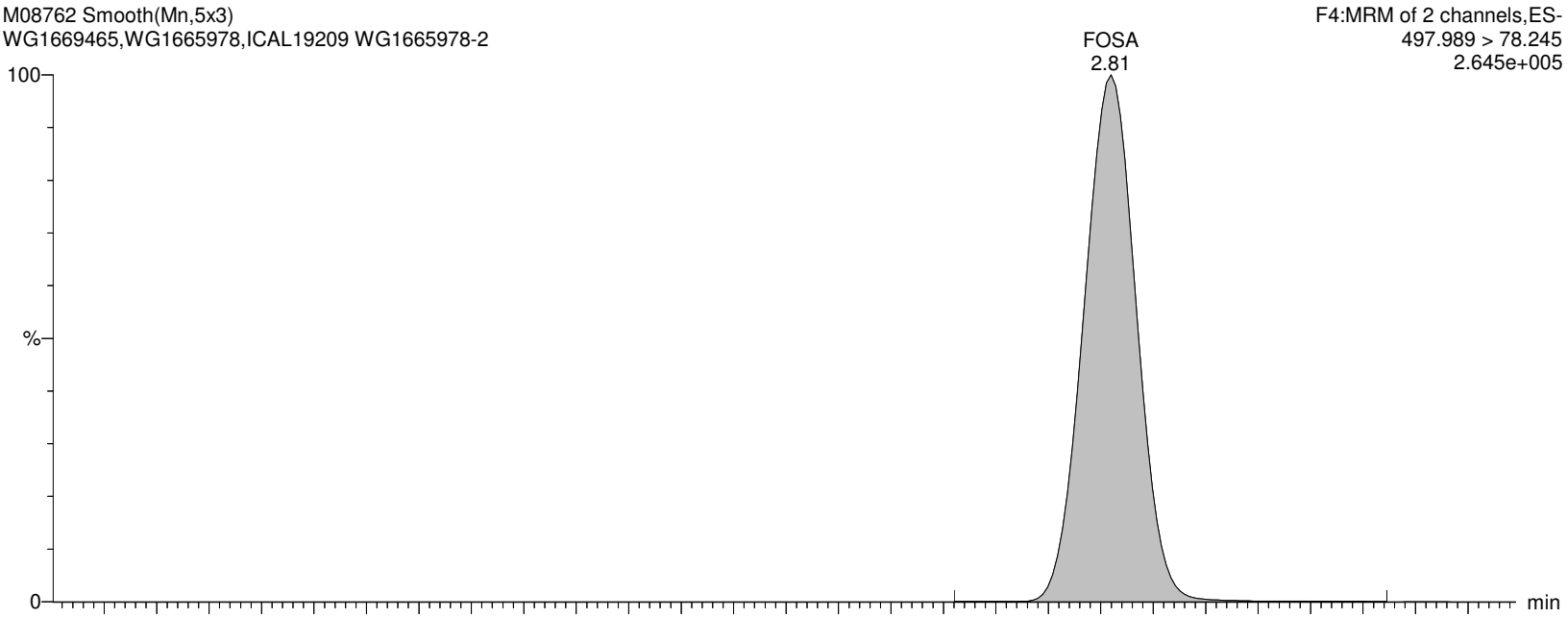


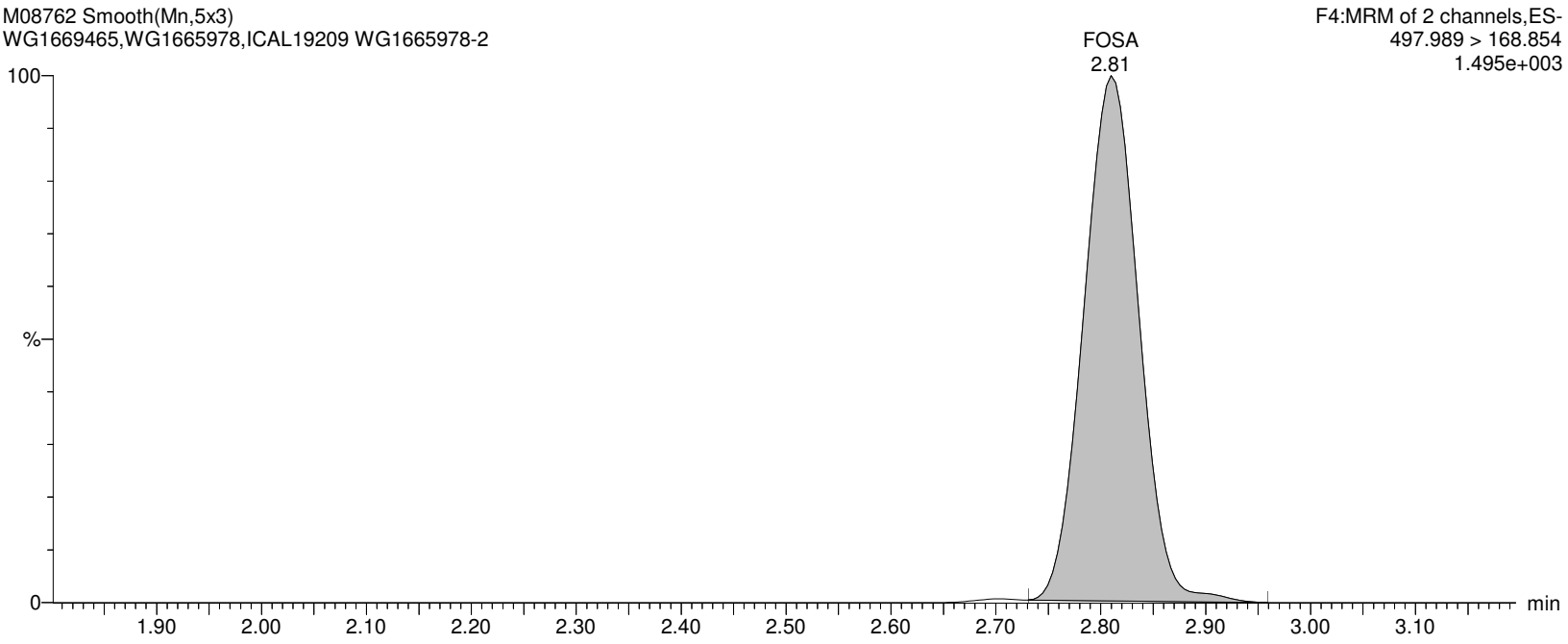
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\Data\WG1669465-A.qld
Last Altered: Sunday, July 31, 2022 13:14:13 Eastern Daylight Time
Printed: Sunday, July 31, 2022 13:14:32 Eastern Daylight Time

Name: M08762
ID: WG1665978-2
Date: 31-Jul-2022
Time: 12:41:34
Description: WG1669465,WG1665978,ICAL19209
User: LCMS01:SG
Vial: 1:B,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

FOSA



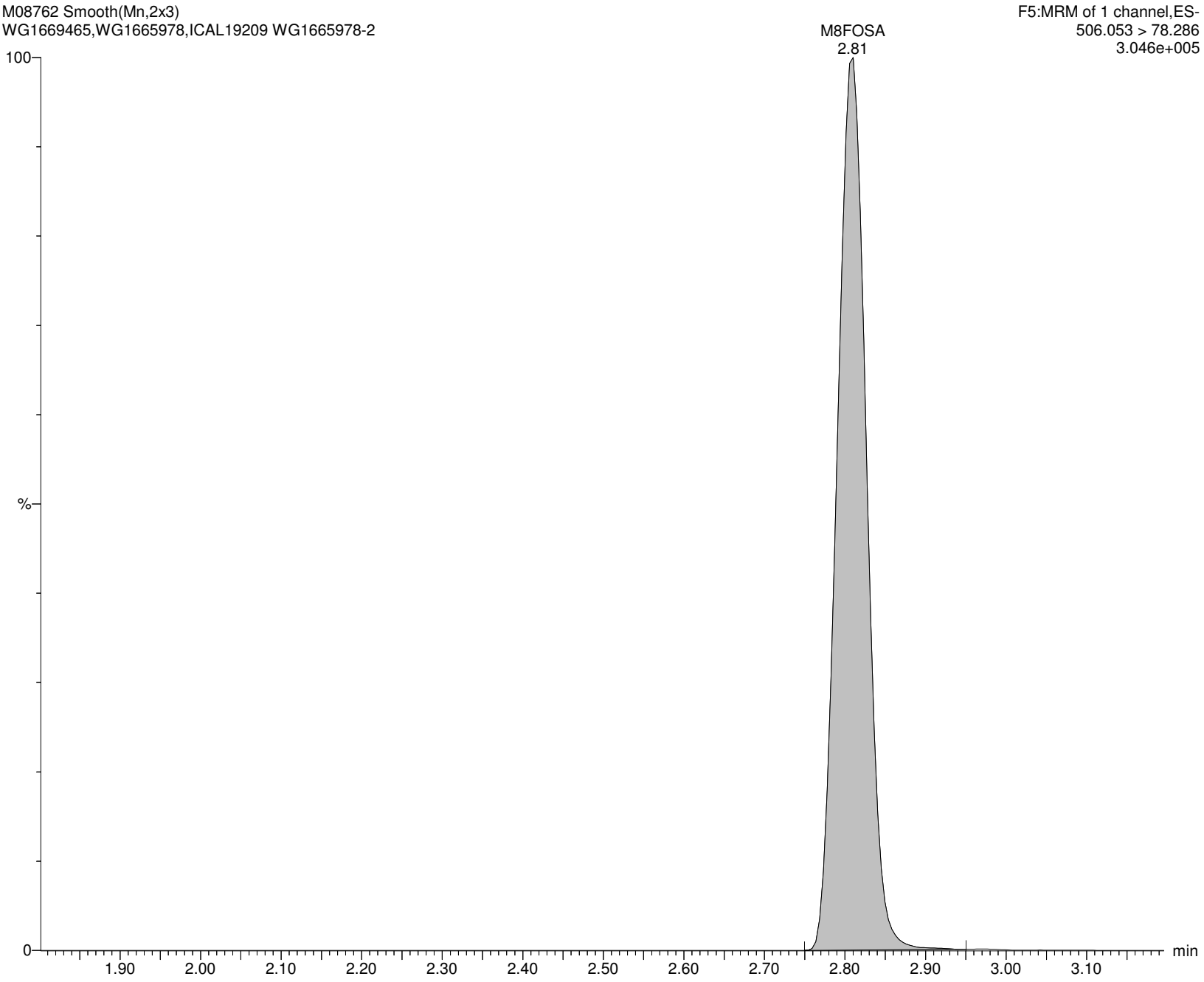


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\Data\WG1669465-A.qld
Last Altered: Sunday, July 31, 2022 13:14:13 Eastern Daylight Time
Printed: Sunday, July 31, 2022 13:14:32 Eastern Daylight Time

Name: M08762
ID: WG1665978-2
Date: 31-Jul-2022
Time: 12:41:34
Description: WG1669465,WG1665978,ICAL19209
User: LCMS01:SG
Vial: 1:B,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\ACQUDB\LCMS_MeOH_FRAC
Tune Method Name: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220731_537ISO_MEOH.PRO\ACQUDB\537ISO_MeOH_FRAC_211110.EXP

M8FOSA



all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:31 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220730_537ISO.PRO\MethDB\537ISO_Q_220725_RT.mdb 29 Jul 2022 09:44:29
Calibration: C:\MassLynx\Data\2022\220730_537ISO.PRO\CurveDB\220725_ICAL.cdb 26 Jul 2022 09:37:13

ID: WG1665978-4
Name: I24236
Date: 31-Jul-2022
Time: 01:24:31
Description: WG1669313,WG1665978,ICAL19203
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:SG
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.11	213.032 > 169.022	5853	M4	1.579		na	
2	M3PFBA	INT STD	2.12	216.009 > 171.999	39675		10.618		na	106.2
3	MPFBA	INT STD	2.12	217.001 > 171.999	39106		8.680		na	86.8
4	PFPeA	2706-90-3	4.95	263.039 > 219.03	4786	M4	1.208		na	
5	M5PFPEA	INT STD	4.94	268.001 > 222.999	38249		8.622		na	86.2
6	PFBS	375-73-5	5.59	299.092 > 80.062	796		0.494	2.21	NO	
7	M3PFBS	INT STD	5.59	302.069 > 80.062	13618		7.107		na	76.3
8	4:2FTS	757124-72-4		327.146 > 307.139			ND		YES	
9	M2-4:2FTS	INT STD	6.73	329.13 > 309.124	7910		20.625		na	219.9
10	PFHxA	307-24-4	6.81	313.047 > 269.037	6707		1.348	10.18	NO	
11	M5PFHxA	INT STD	6.81	318.009 > 273.007	48509		6.636		na	66.4
12	PFPeS	2706-91-4	7.13	349.1 > 80.062	581		0.346	1.74	NO	
13	PFHpA	375-85-9	8.07	363.055 > 319.045	5959		1.204	3.90	NO	
14	M4PFHpA	INT STD	8.07	367.025 > 322.022	47549		7.762		na	77.6
15	br-PFHxS	355-46-4	8.01	399.107 > 80.062	441	M5,M7	0.313	2.22	NO	
16	L-PFHxS	355-46-4	8.24	399.107 > 80.062	1869		1.201	1.63	NO	
17	PFHxS	355-46-4		399.107 > 80.062	2311		1.513		na	
18	M3PFHxS	INT STD	8.24	402.084 > 80.062	16128		8.082		na	85.3
19	br-PFOA	335-67-1	8.79	413.063 > 369.053	5171	M5	0.950	1.50	NO	
20	L-PFOA	335-67-1	9.01	413.063 > 369.053	32240		5.923	6.52	NO	
21	PFOA	335-67-1		413.063 > 369.053	37411		6.873		na	
22	M8PFOA	INT STD	9.01	421.002 > 376.	47659		8.372		na	83.7
23	M2PFOA	INT STD	9.01	415.048 > 370.045	58736		14.079		na	140.8
24	6:2FTS	27619-97-2	8.98	427.161 > 407.155	441		0.516	2.35	NO	
25	M2-6:2FTS	INT STD	8.97	429.146 > 409.14	9848		21.521		na	226.3
26	PFHpS	375-92-8	9.11	449.115 > 80.062	474		0.243	1.52	NO	
27	PFNA	375-95-1	9.77	463.071 > 419.061	1684		0.311	3.63	NO	
28	M9PFNA	INT STD	9.77	472.002 > 427.	46640		8.770		na	87.7
29	br-PFOS	1763-23-1	9.57	499.123 > 80.062	10065		4.643	4.80	NO	
30	L-PFOS	1763-23-1	9.82	499.123 > 80.062	11004		6.695	1.77	NO	
31	PFOS	1763-23-1		499.123 > 80.062	21069		11.338		na	
32	M4PFOS	INT STD	9.82	503.093 > 80.062	18782		11.800		na	118.0
33	M8PFOS	INT STD	9.82	507.062 > 80.062	17381		9.027		na	94.1
34	PFDA	335-76-2	10.41	513.078 > 469.069	473	M7	0.133	12.27	YES	
35	M2PFDA	INT STD	10.40	515.063 > 470.061	45578		14.864		na	148.6
36	M6PFDA	INT STD	10.40	519.033 > 474.03	34436		8.753		na	87.5
37	8:2FTS	39108-34-4		527.177 > 507.171			ND		YES	
38	M2-8:2FTS	INT STD	10.39	529.162 > 509.155	5548		16.732		na	174.3
39	PFNS	68259-12-1		549.131 > 80.062			ND		YES	

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:31 Eastern Daylight Time

ID: WG1665978-4
Name: I24236
Date: 31-Jul-2022
Time: 01:24:31
Description: WG1669313,WG1665978,ICAL19203
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:SG
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.79	573.22 > 419.061	5803		6.310		na	63.1
41	br-NMeFOSAA	2355-31-9		570.202 > 419.061			ND		YES	
42	L-NMeFOSAA	2355-31-9		570.202 > 419.061			ND		YES	
43	NMeFOSAA	2355-31-9		570.202 > 419.061	0		ND		na	
44	PFUnA	2058-94-8		563.086 > 519.076			ND		YES	
45	M7-PFUDA	INT STD	10.95	570.033 > 525.031	35872		9.032		na	90.3
46	PFDS	335-77-3		598.926 > 80.062			ND		YES	
47	FOSA	754-91-6		498.146 > 78.07			ND		YES	
48	M8FOSA	INT STD	10.89	506.077 > 78.07	12091		1.922		na	19.2
49	d5-NEtFOSAA	INT STD	11.09	589.259 > 419.061	7414		7.859		na	78.6
50	br-NEtFOSAA	2991-50-6	10.96	584.229 > 419.061	8	M5,M7	0.043	0.77	NO	
51	L-NEtFOSAA	2991-50-6	11.10	584.229 > 419.061	25	M2,M7	0.052	2.69	YES	
52	NEtFOSAA	2991-50-6		584.229 > 419.061	33		0.095		na	
53	PFDoA	307-55-1		613.094 > 569.084			ND		YES	
54	MPFDOA	INT STD	11.43	615.079 > 570.077	37066		7.904		na	79.0
55	PFTrDA	72629-94-8		663.102 > 619.092			ND		YES	
56	PFTA	376-06-7		713.11 > 669.1			ND		YES	
57	M2PFTEDA	INT STD	12.21	715.094 > 670.092	19720		7.641		na	76.4

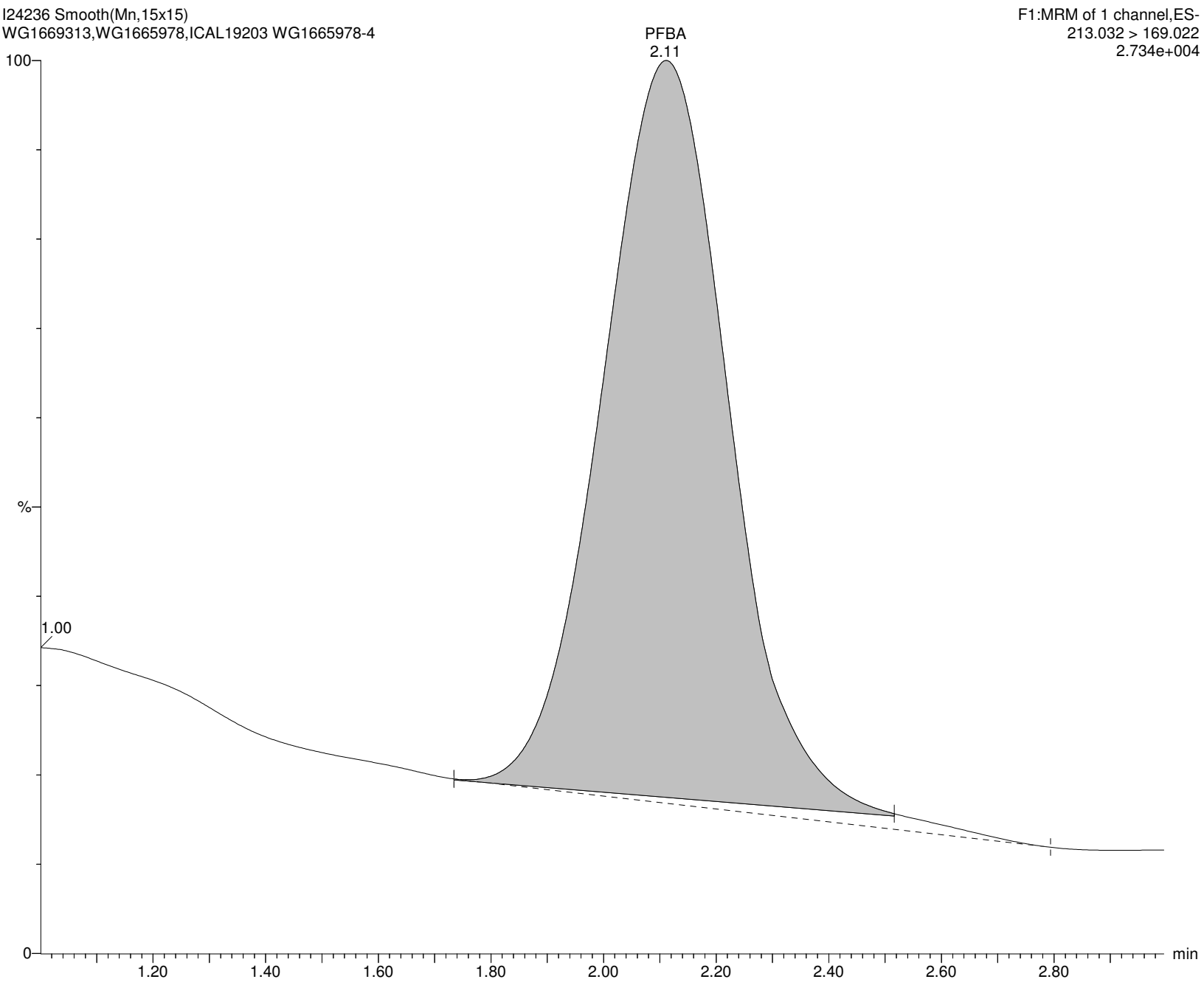
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:31 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220730_537ISO.PRO\MethDB\537ISO_Q_220725_RT.mdb 29 Jul 2022 09:44:29
Calibration: C:\MassLynx\Data\2022\220730_537ISO.PRO\CurveDB\220725_ICAL.cdb 26 Jul 2022 09:37:13

Name: I24236
ID: WG1665978-4
Date: 31-Jul-2022
Time: 01:24:31
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFBA

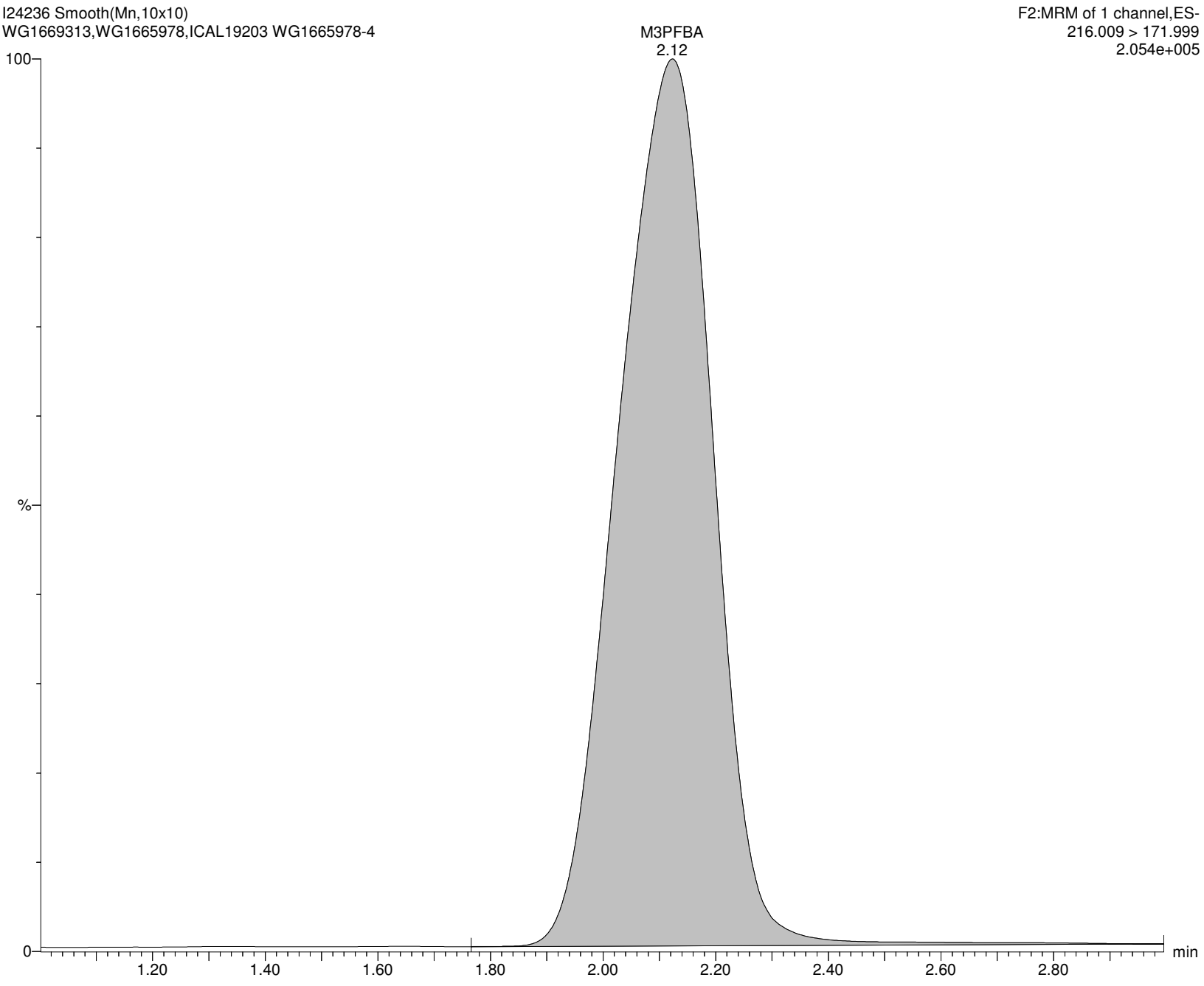


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:31 Eastern Daylight Time

Name: I24236
ID: WG1665978-4
Date: 31-Jul-2022
Time: 01:24:31
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M3PFBA

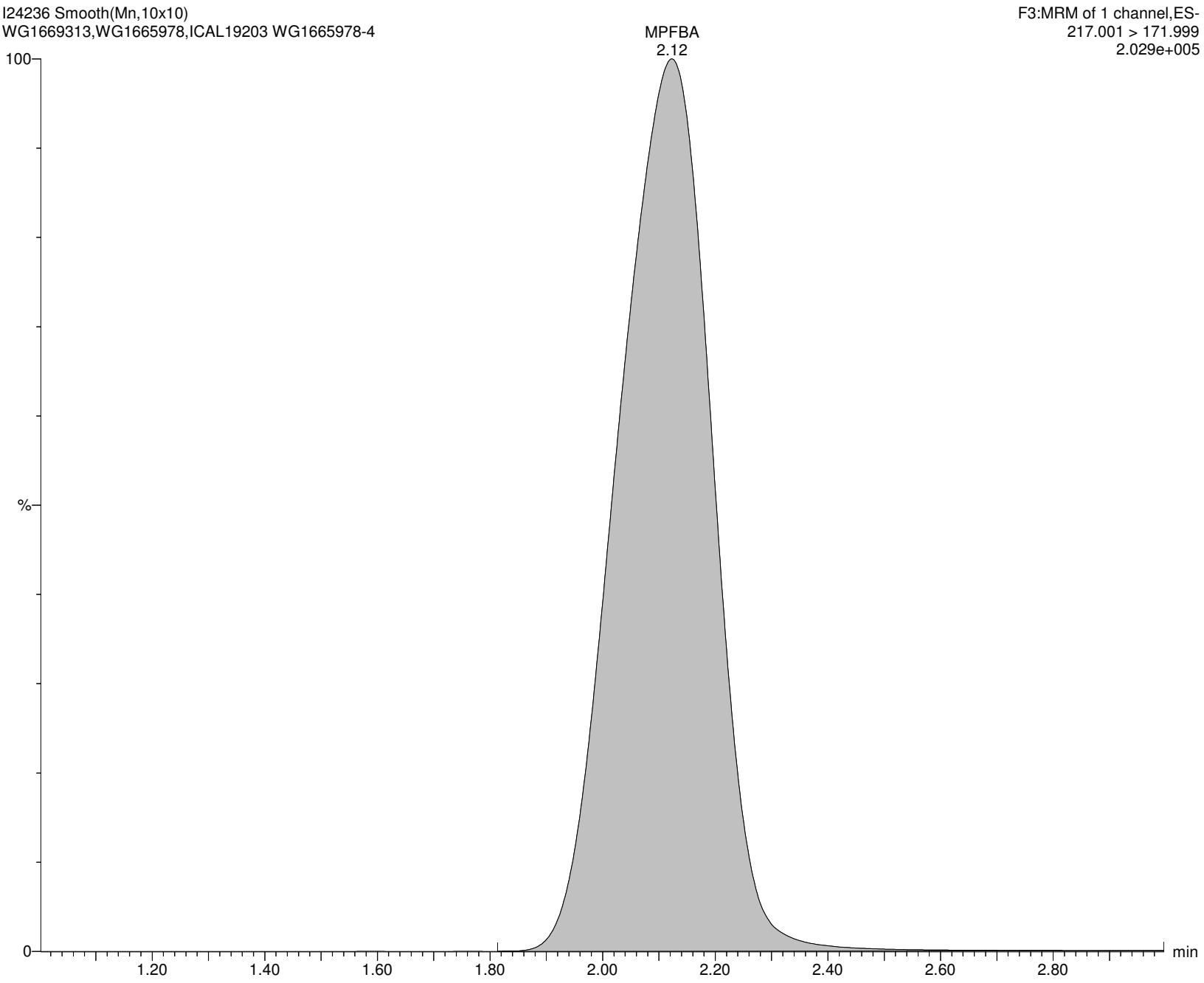


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:31 Eastern Daylight Time

Name: I24236
ID: WG1665978-4
Date: 31-Jul-2022
Time: 01:24:31
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

MPFBA

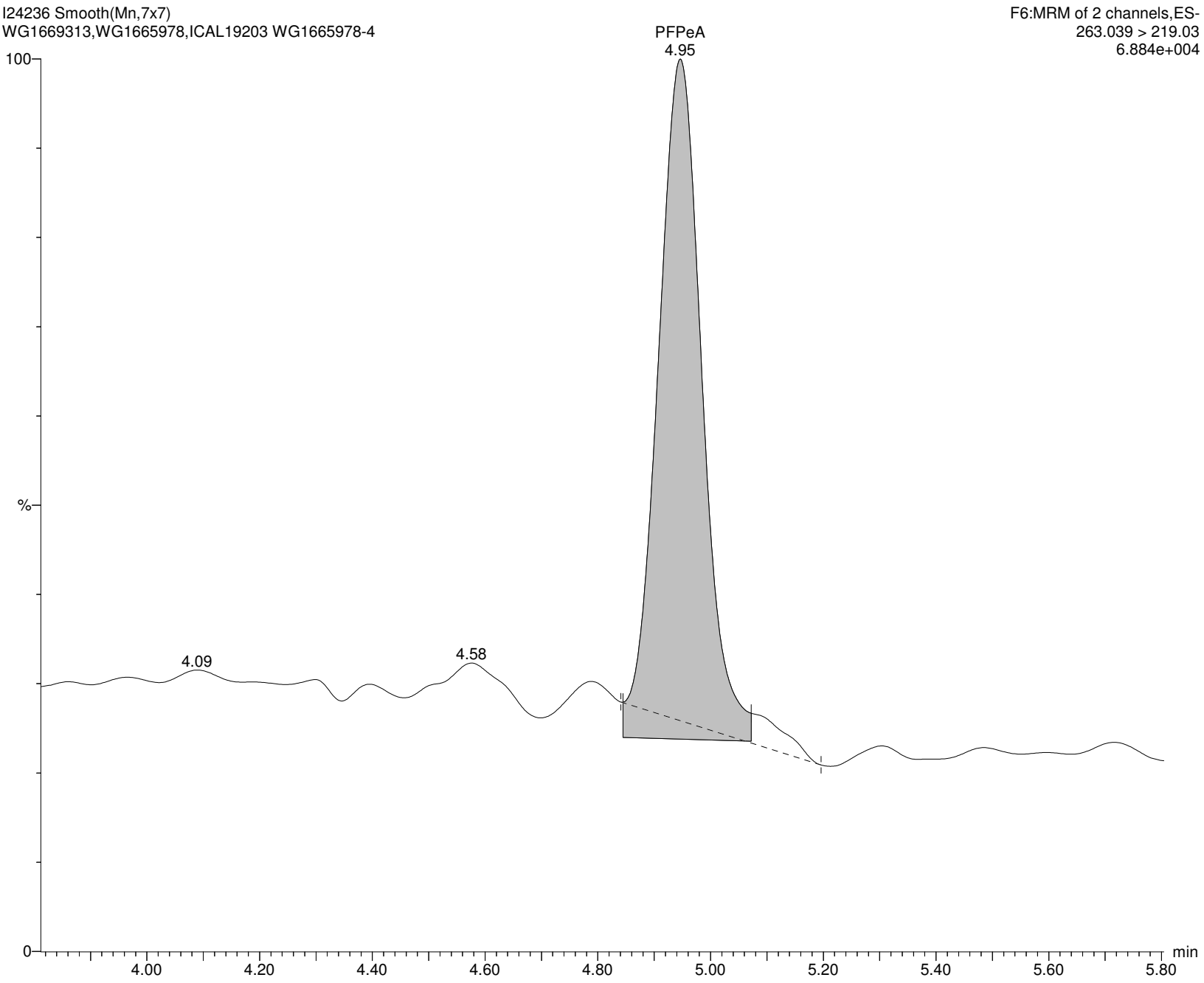


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:31 Eastern Daylight Time

Name: I24236
ID: WG1665978-4
Date: 31-Jul-2022
Time: 01:24:31
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFPeA

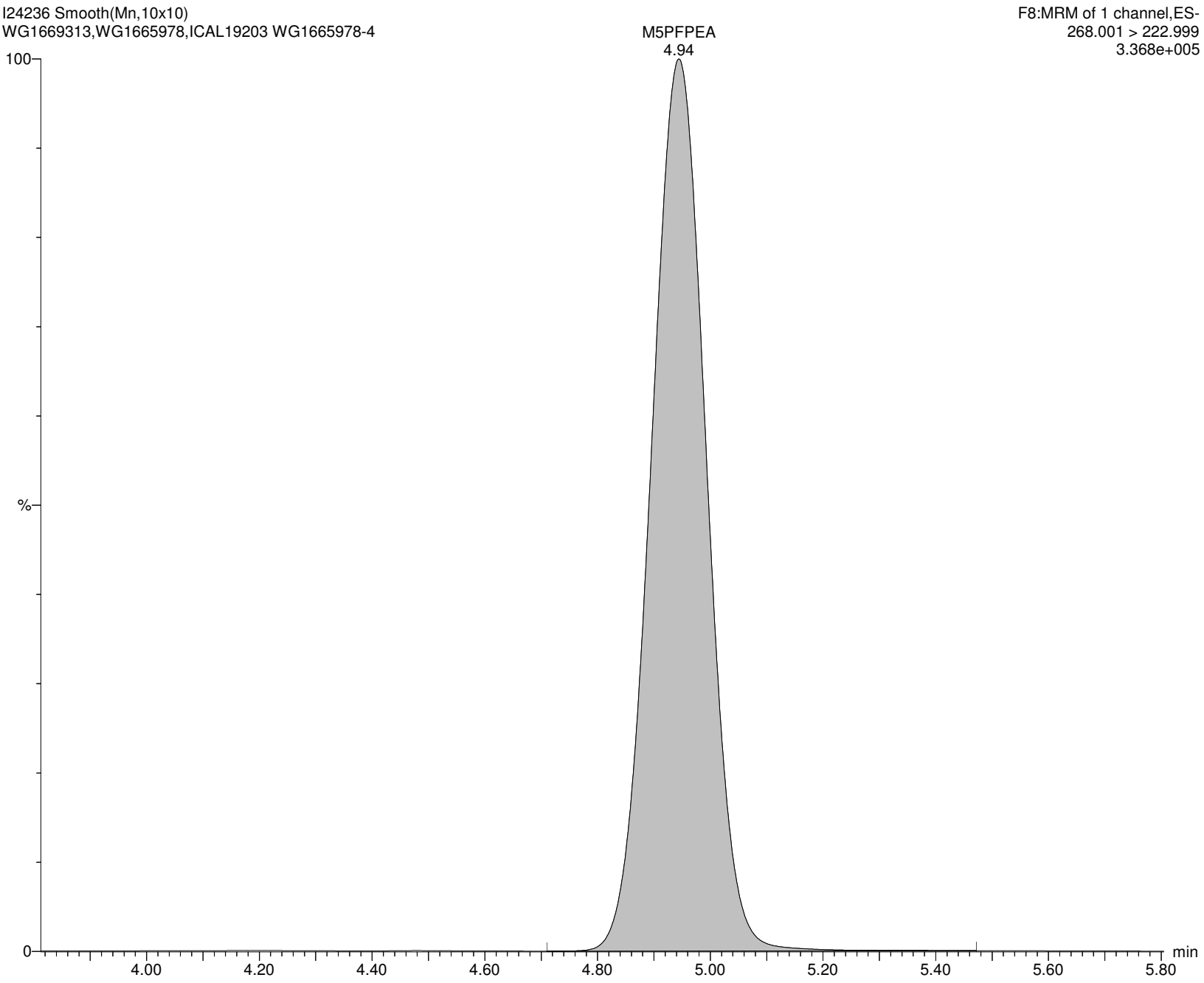


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:31 Eastern Daylight Time

Name: I24236
ID: WG1665978-4
Date: 31-Jul-2022
Time: 01:24:31
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M5PFPEA

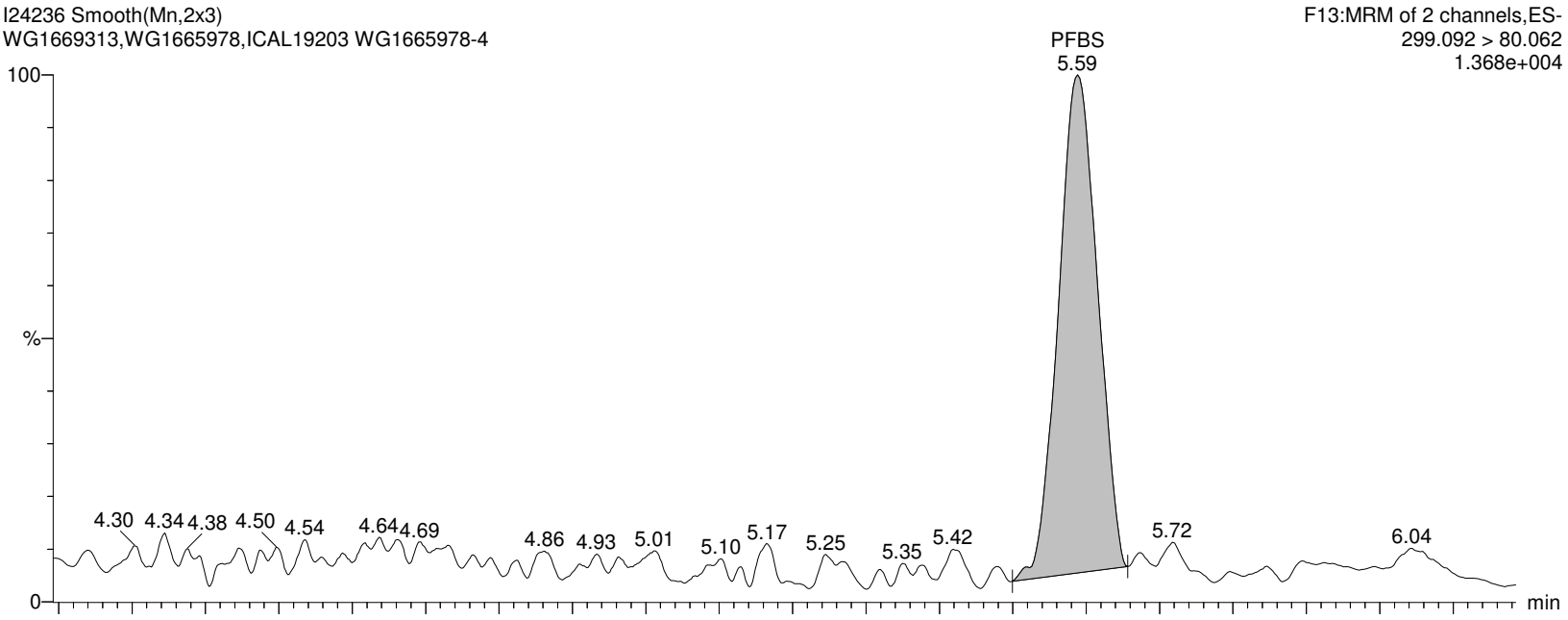


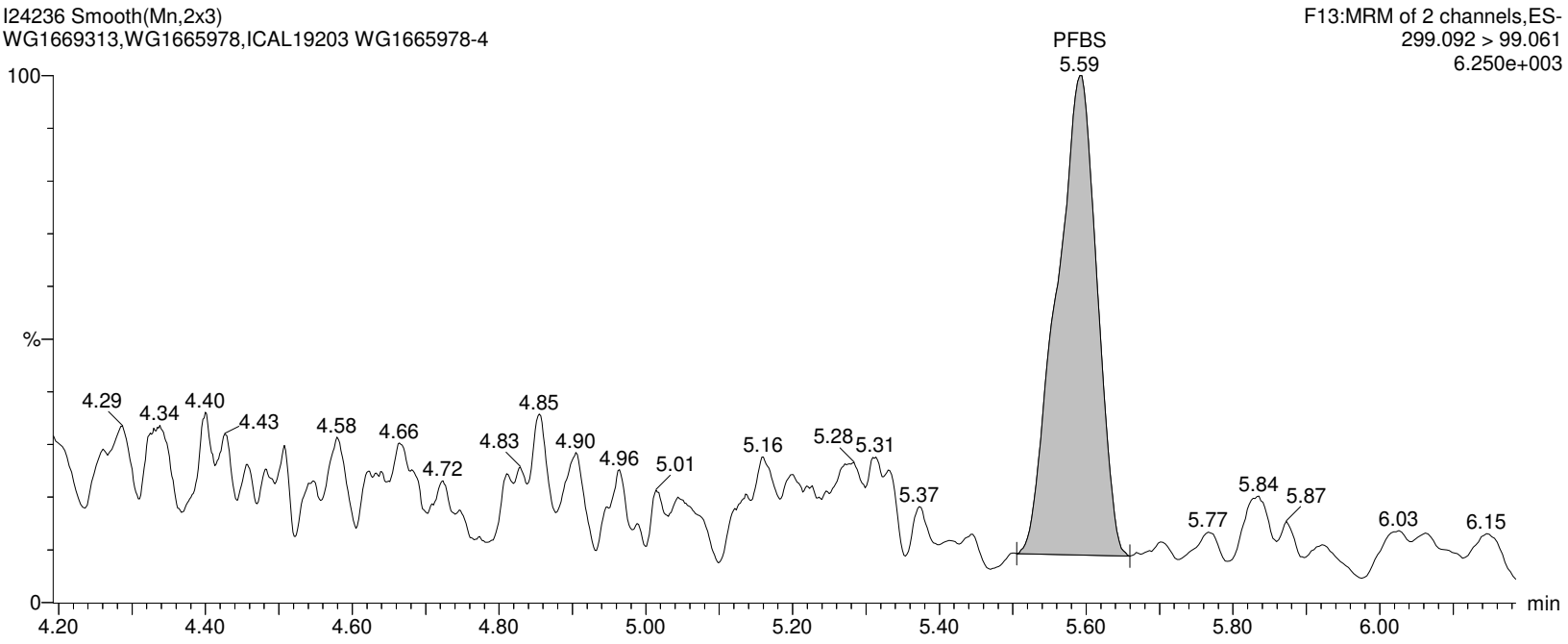
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:31 Eastern Daylight Time

Name: I24236
ID: WG1665978-4
Date: 31-Jul-2022
Time: 01:24:31
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFBS



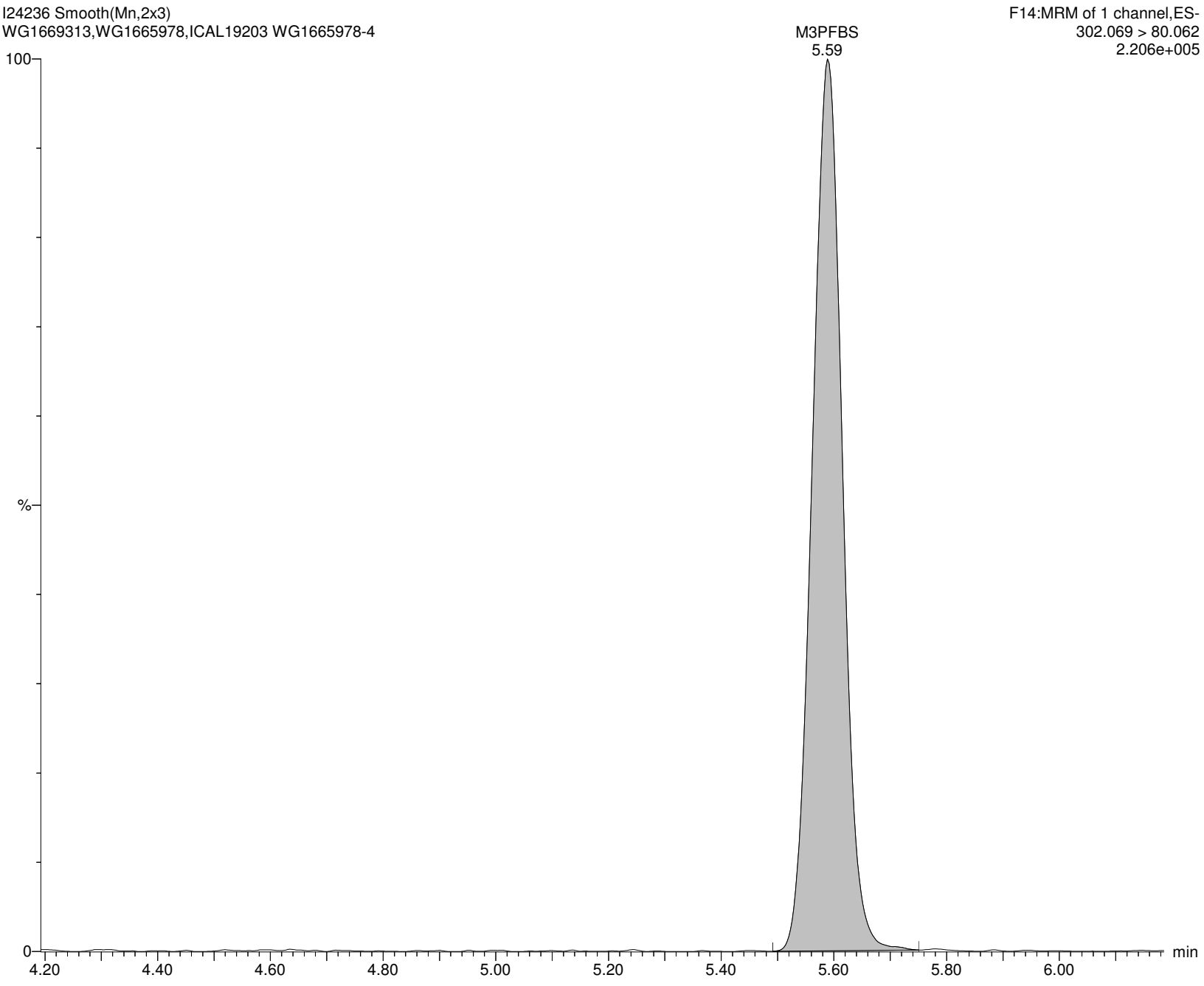


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:31 Eastern Daylight Time

Name: I24236
ID: WG1665978-4
Date: 31-Jul-2022
Time: 01:24:31
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M3PFBS

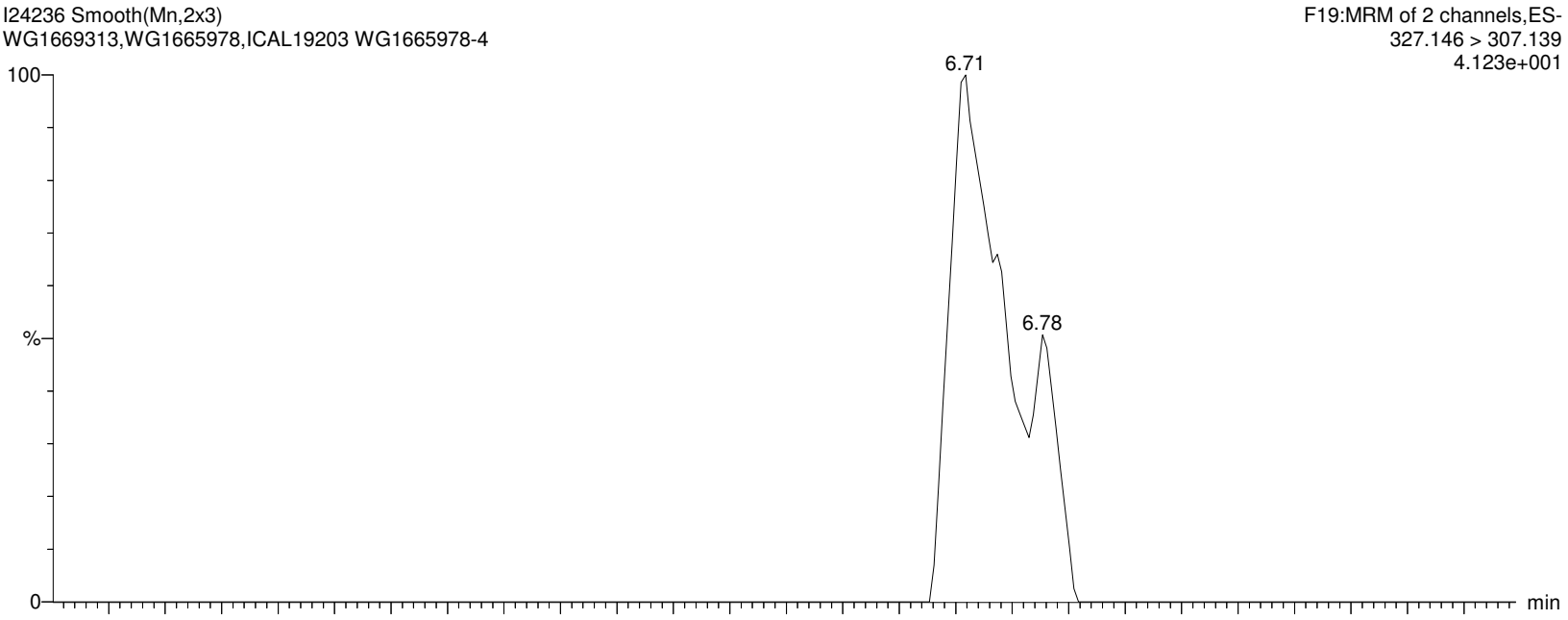


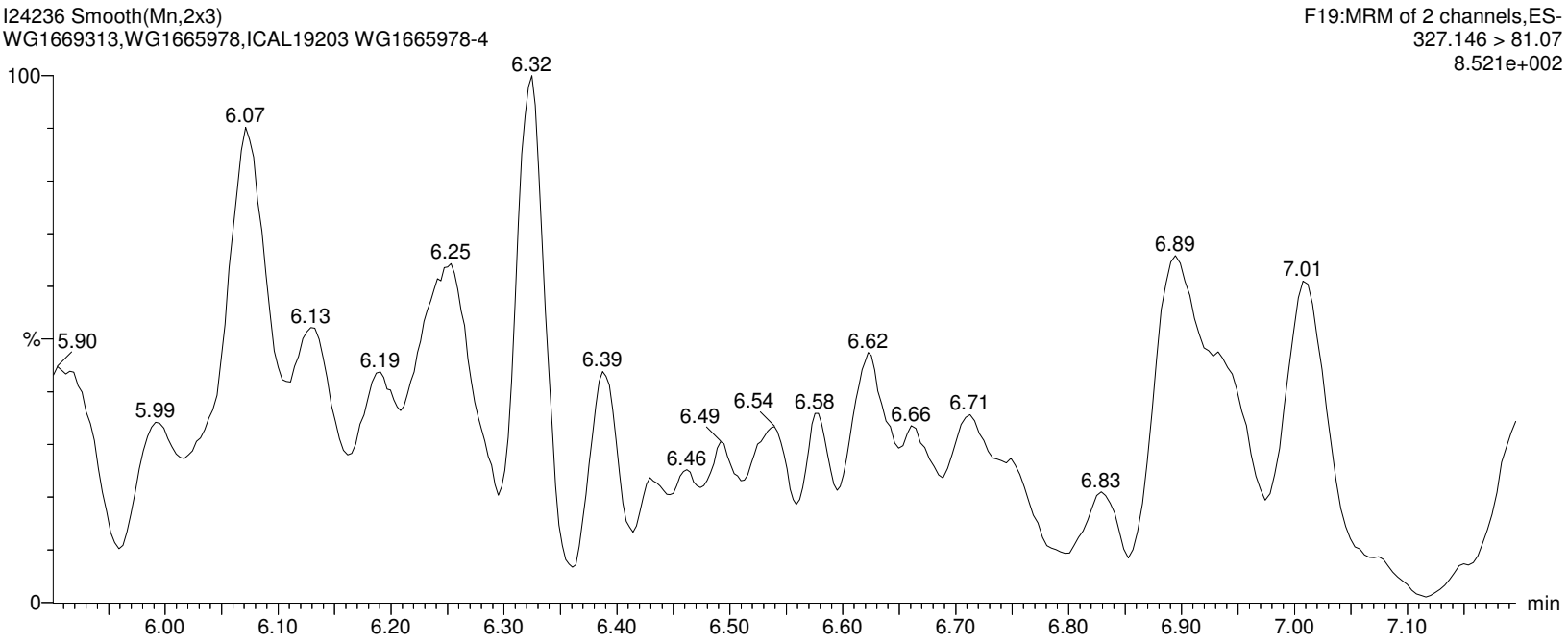
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:31 Eastern Daylight Time

Name: I24236
ID: WG1665978-4
Date: 31-Jul-2022
Time: 01:24:31
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

4:2FTS



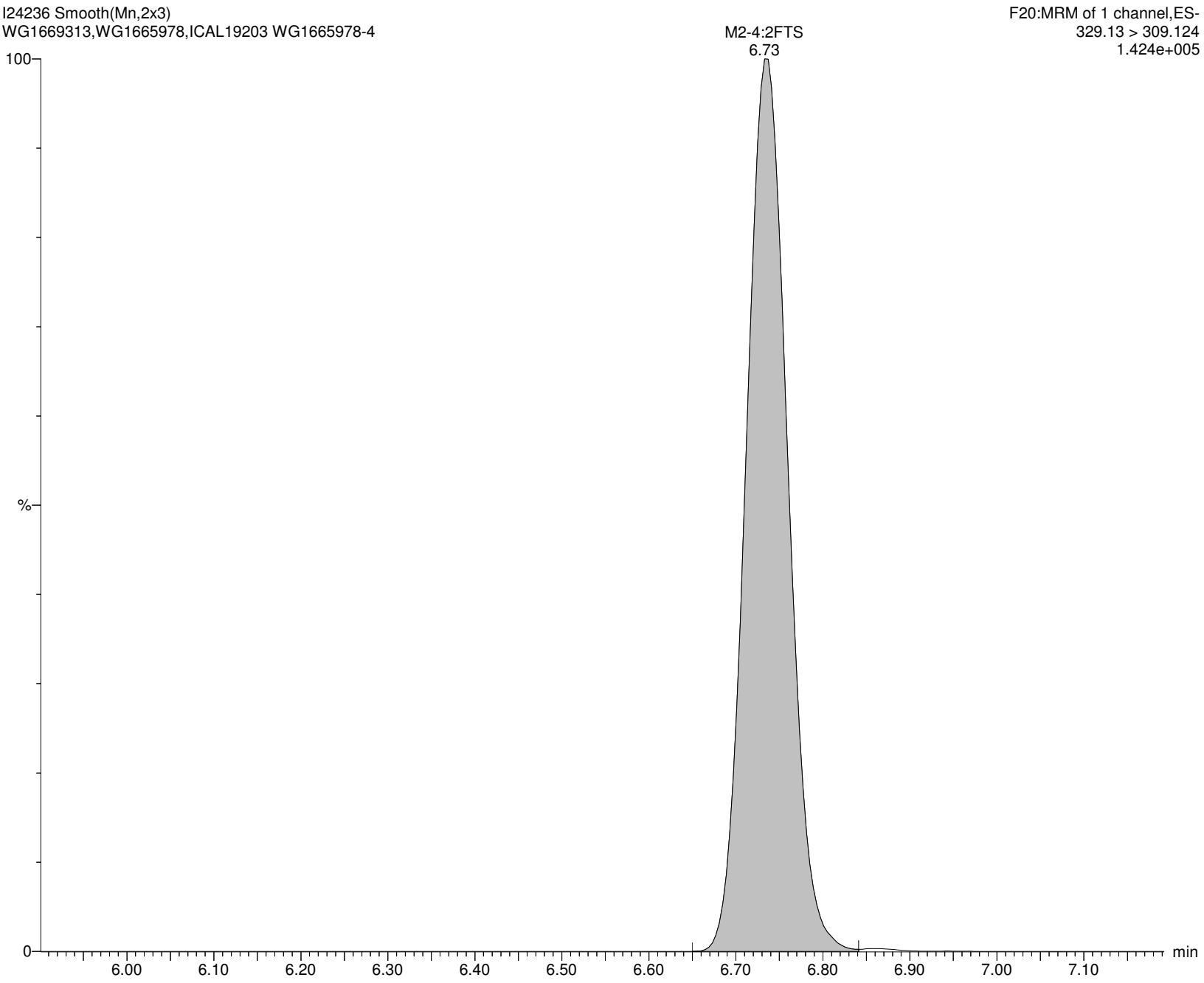


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:31 Eastern Daylight Time

Name: I24236
ID: WG1665978-4
Date: 31-Jul-2022
Time: 01:24:31
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2-4:2FTS

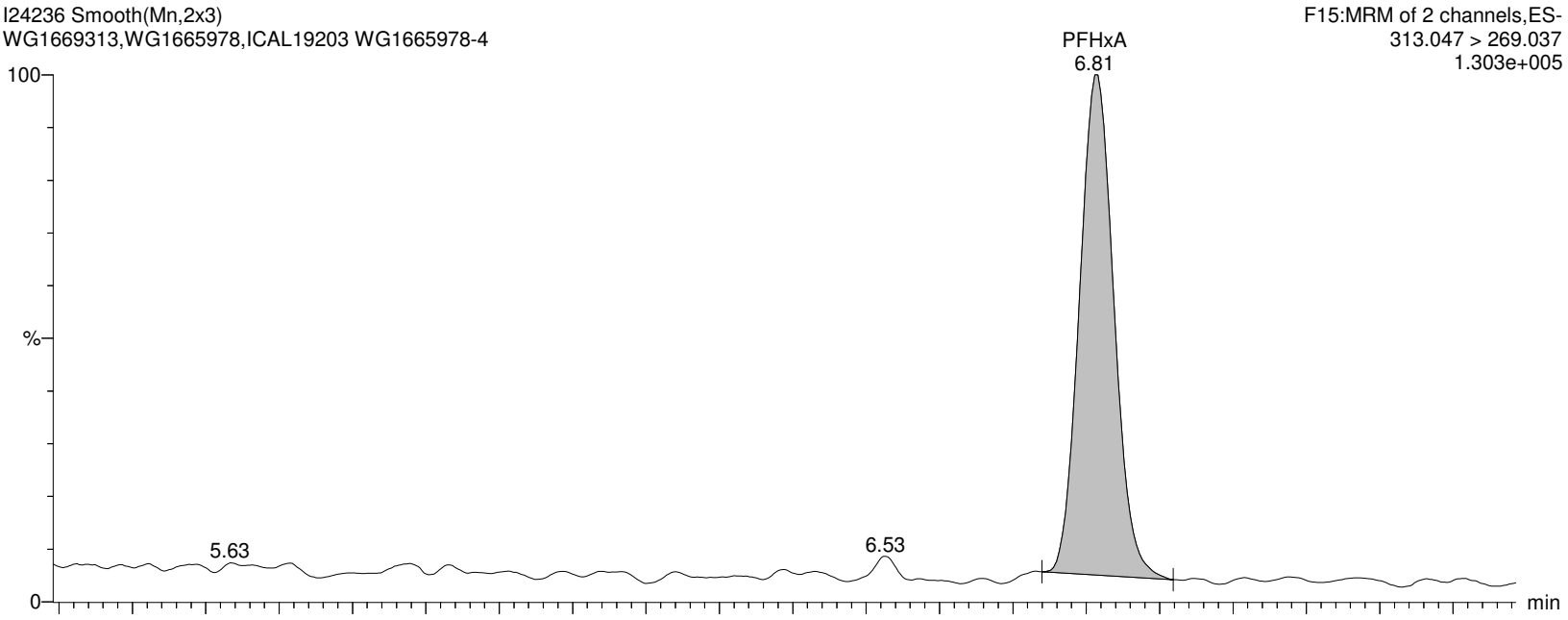


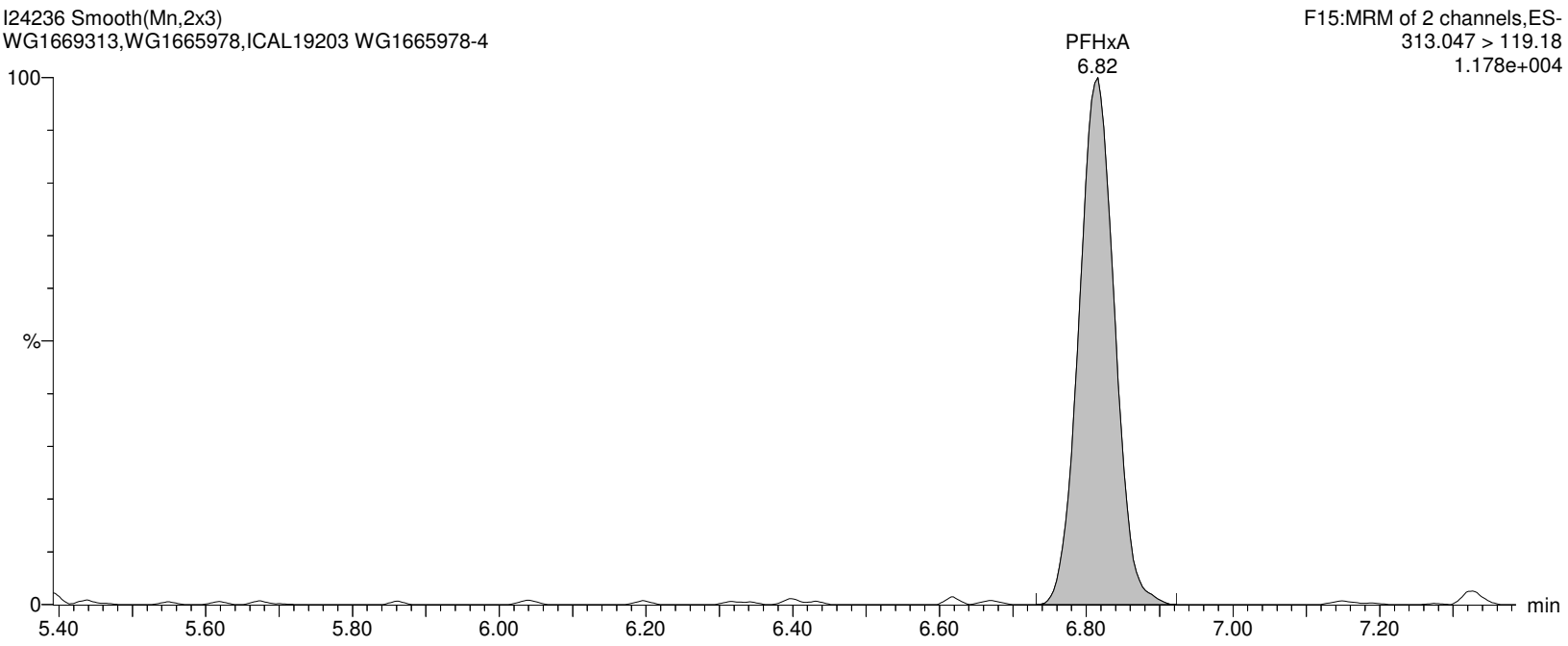
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:31 Eastern Daylight Time

Name: I24236
ID: WG1665978-4
Date: 31-Jul-2022
Time: 01:24:31
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFHxA



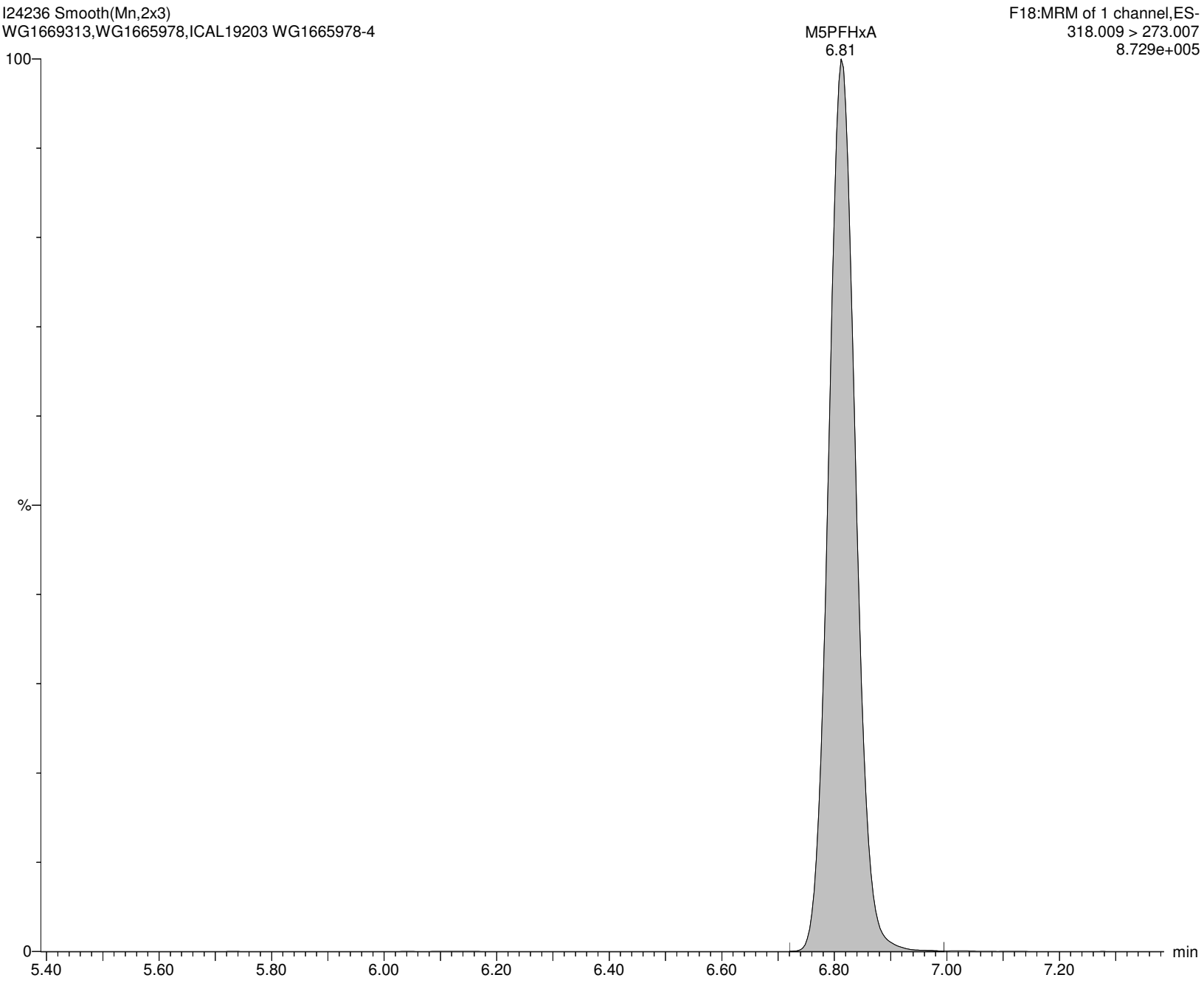


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:31 Eastern Daylight Time

Name: I24236
ID: WG1665978-4
Date: 31-Jul-2022
Time: 01:24:31
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M5PFHxA

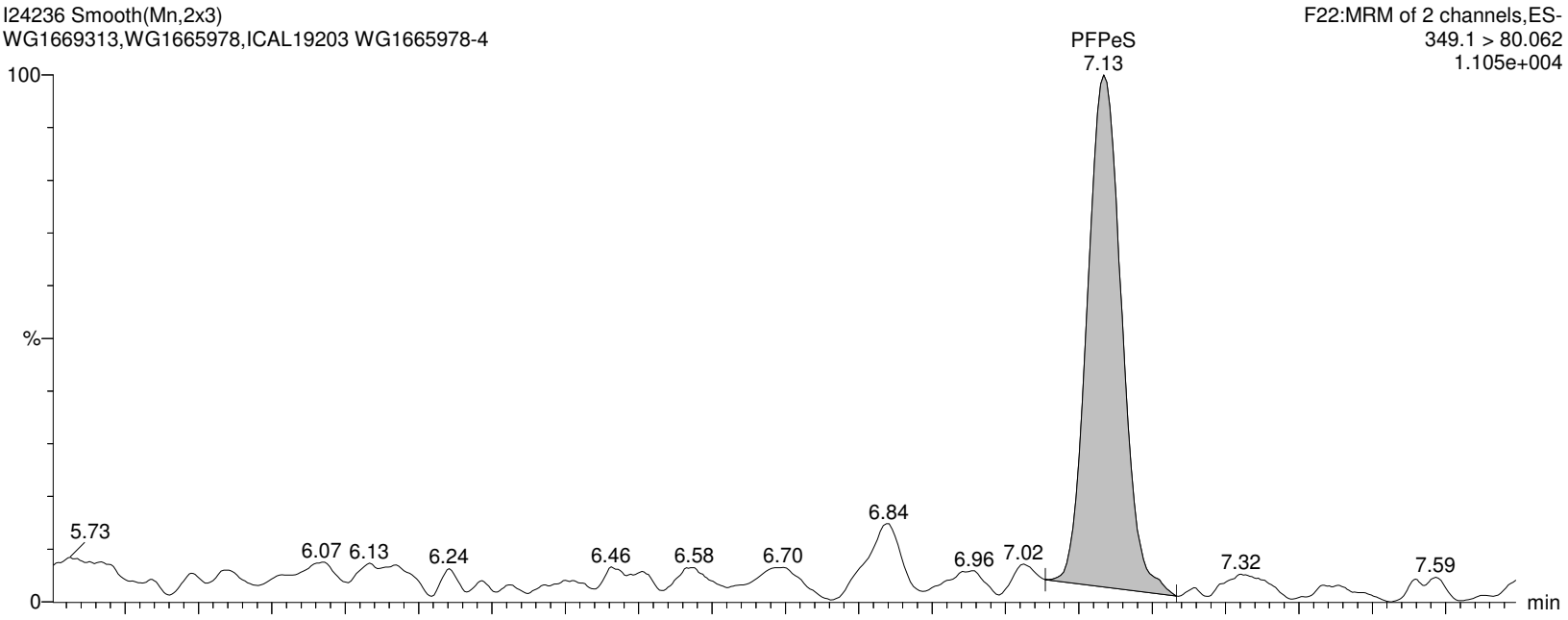


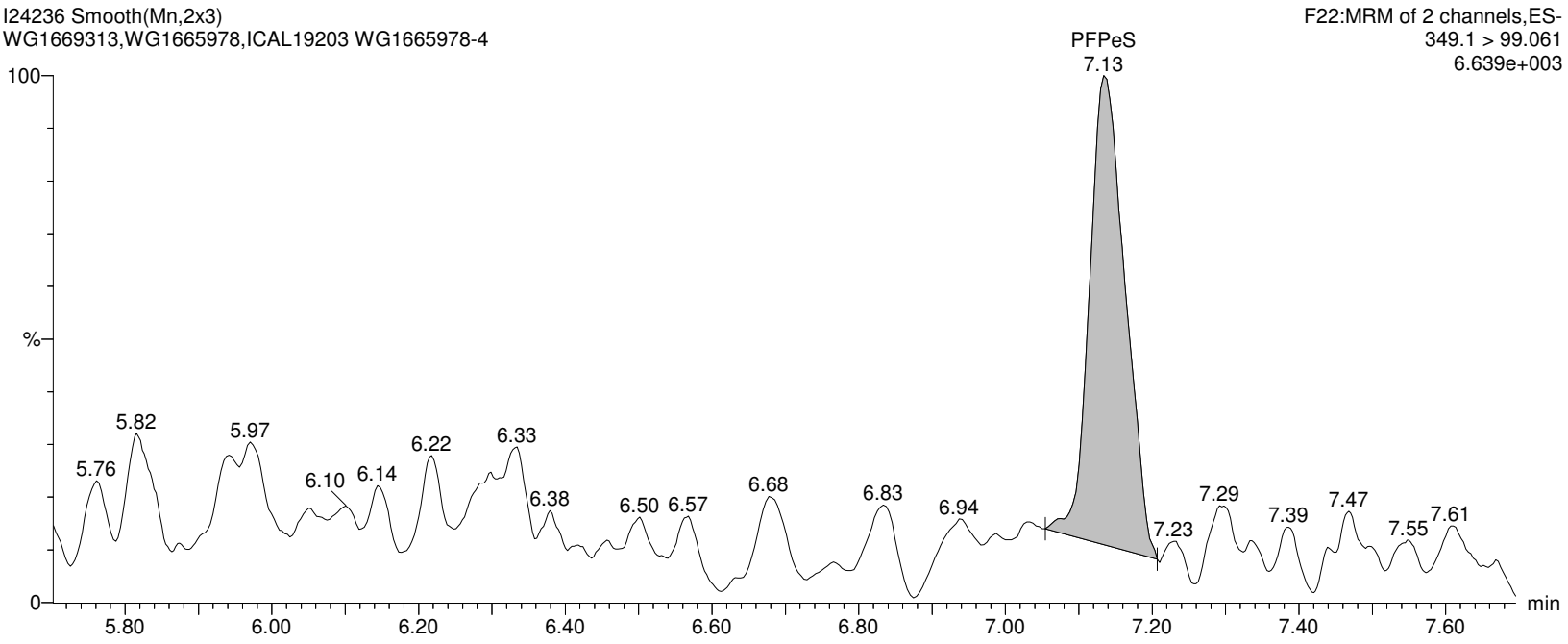
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:31 Eastern Daylight Time

Name: I24236
ID: WG1665978-4
Date: 31-Jul-2022
Time: 01:24:31
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFPeS



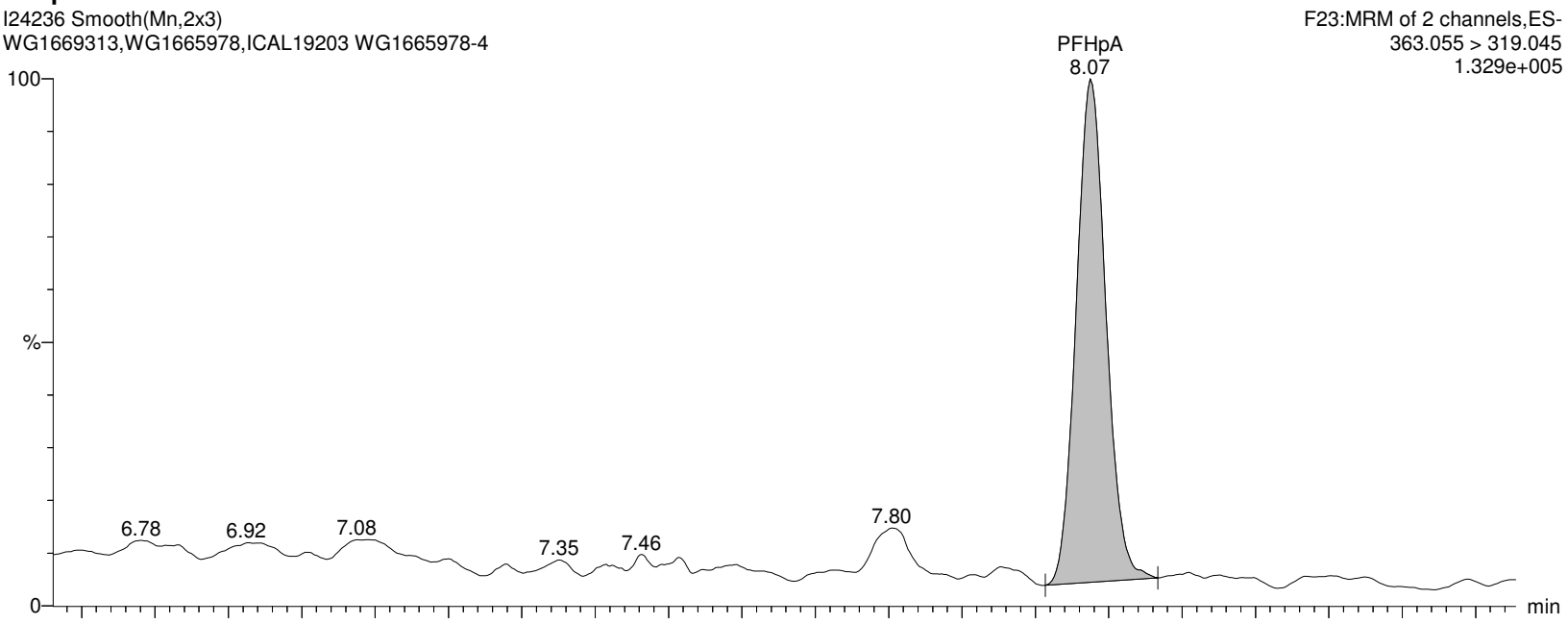


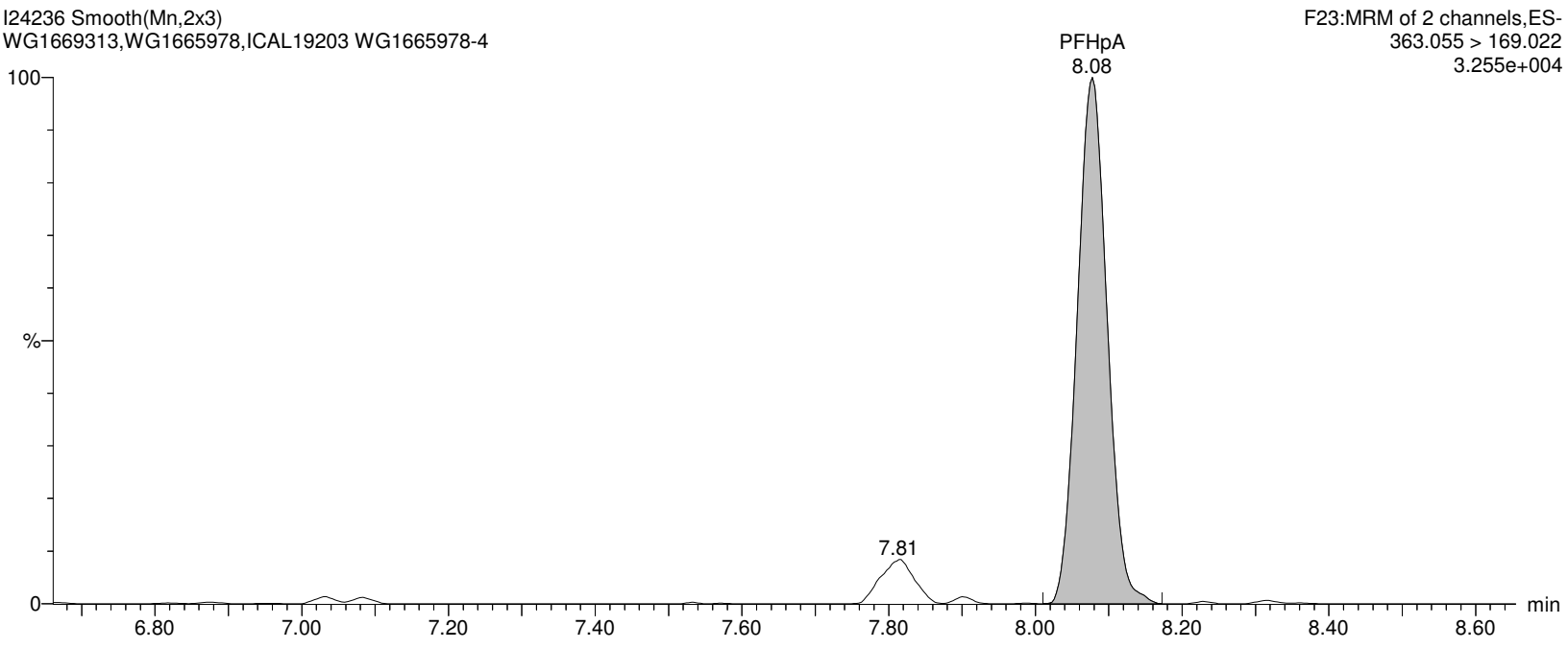
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:31 Eastern Daylight Time

Name: I24236
ID: WG1665978-4
Date: 31-Jul-2022
Time: 01:24:31
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFHpA



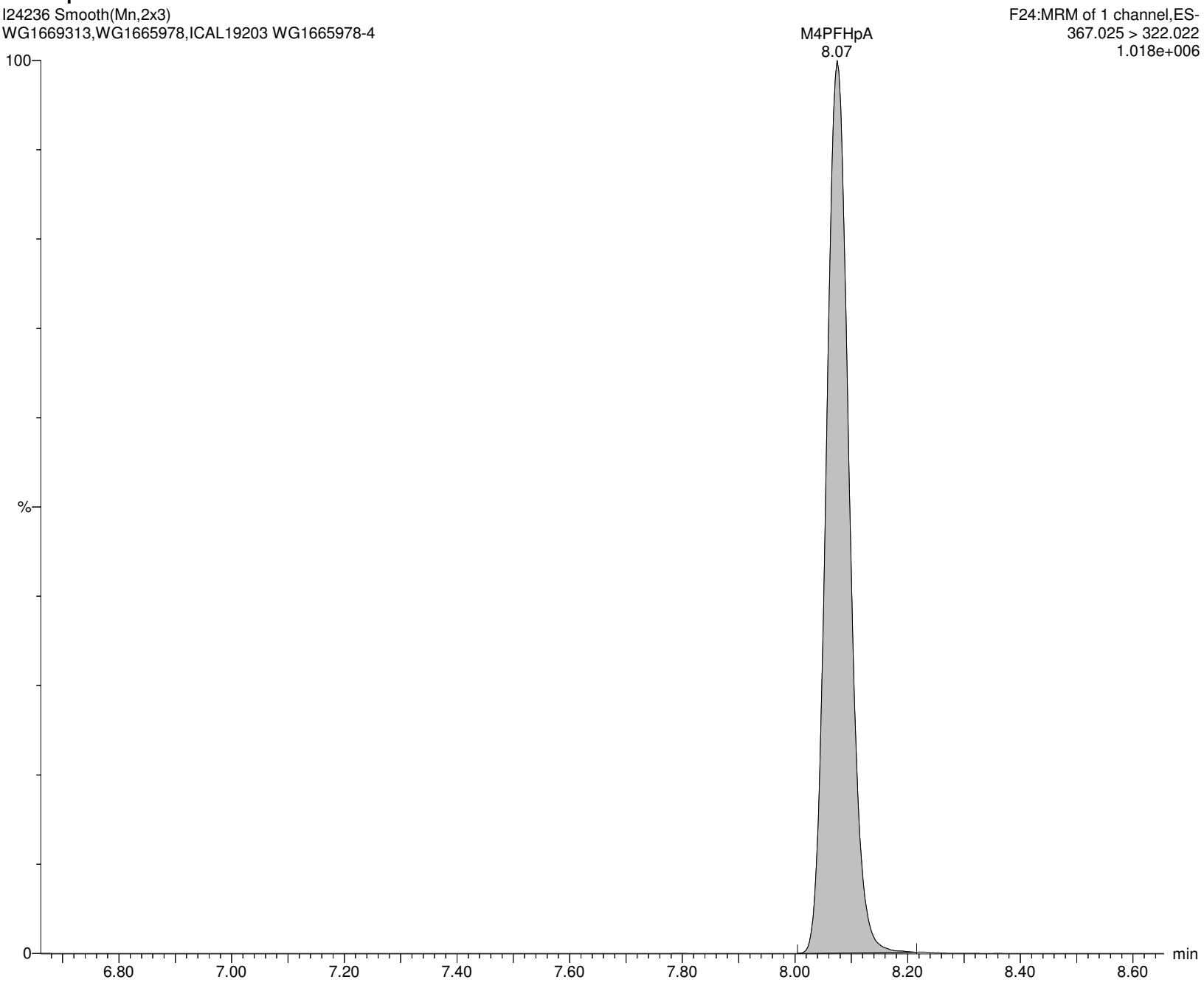


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:31 Eastern Daylight Time

Name: I24236
ID: WG1665978-4
Date: 31-Jul-2022
Time: 01:24:31
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M4PFHpA

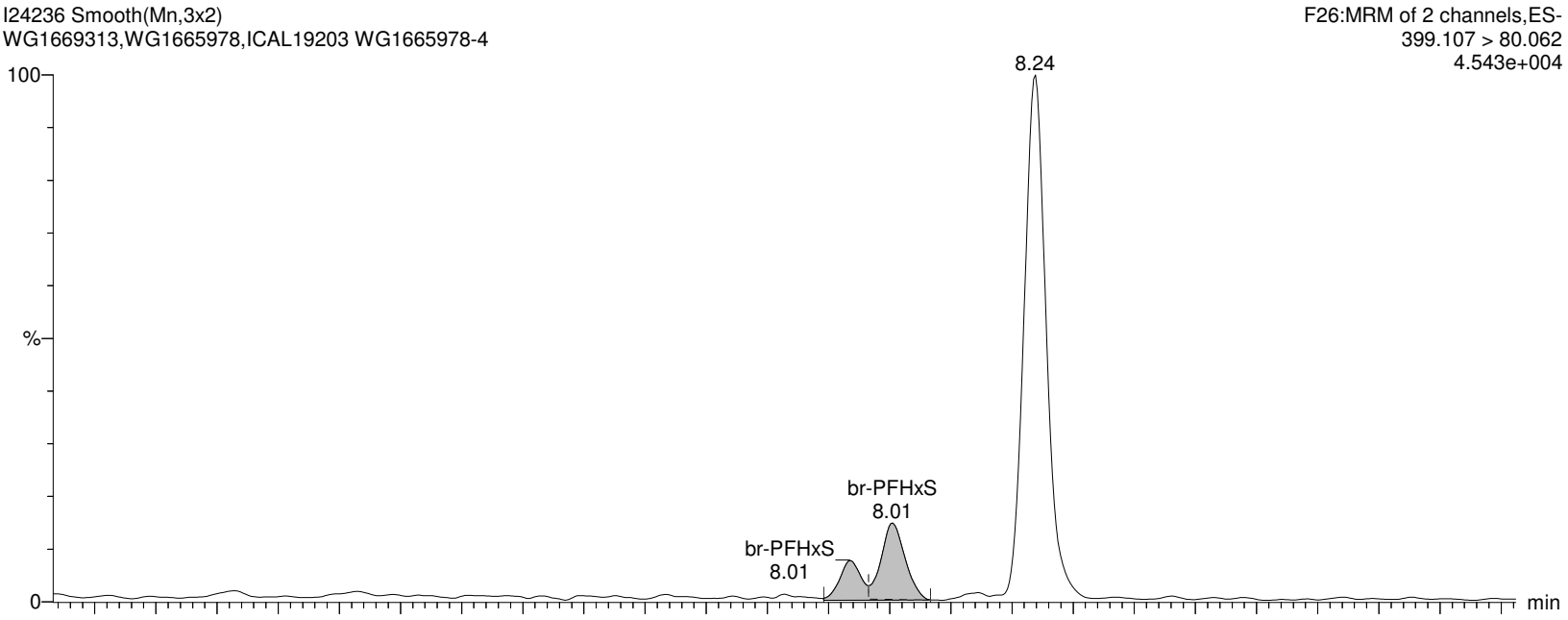


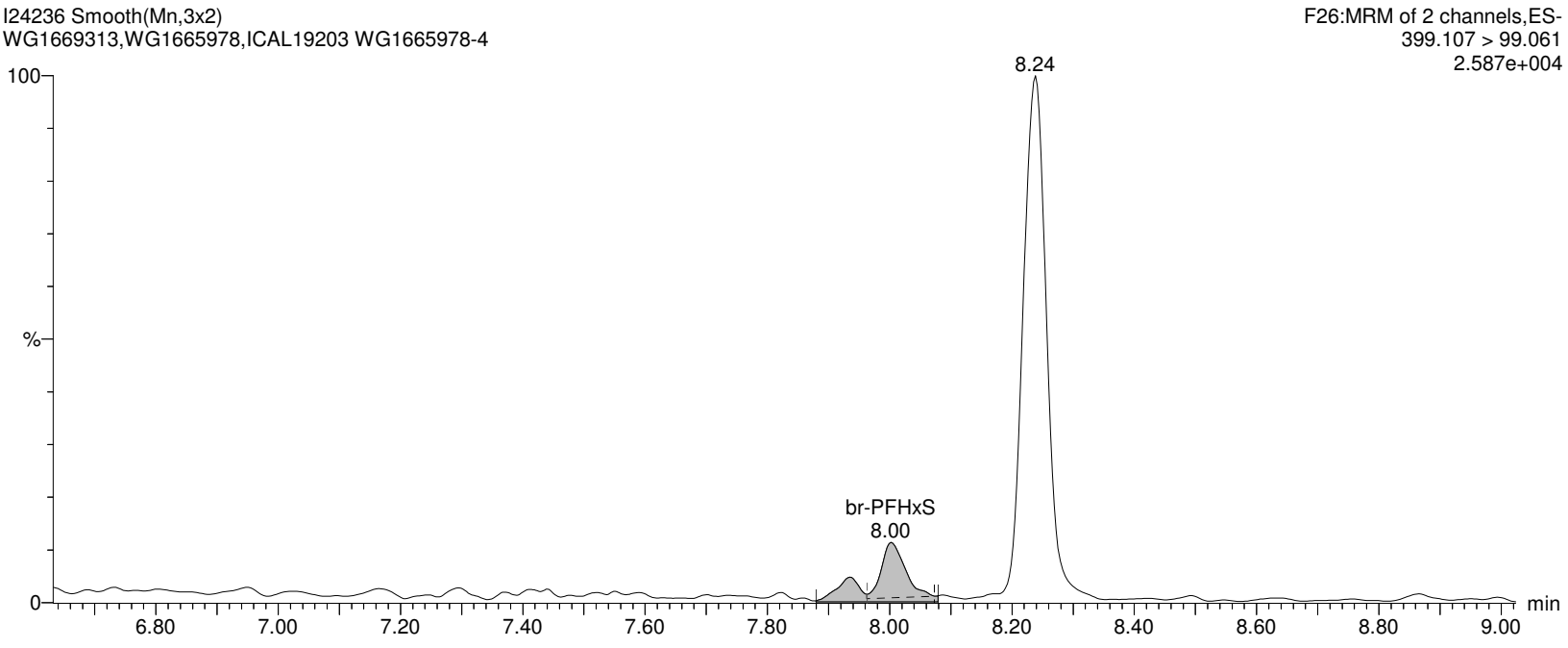
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:31 Eastern Daylight Time

Name: I24236
ID: WG1665978-4
Date: 31-Jul-2022
Time: 01:24:31
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

br-PFHxS



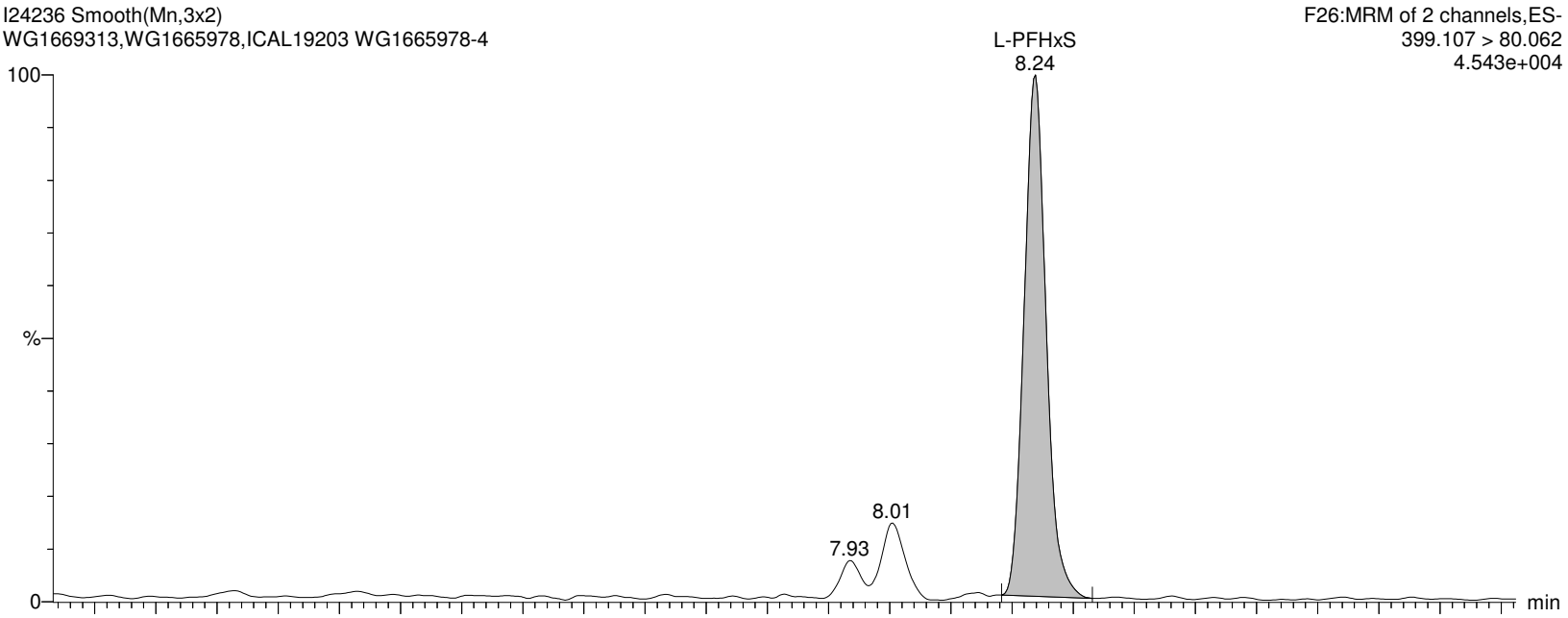


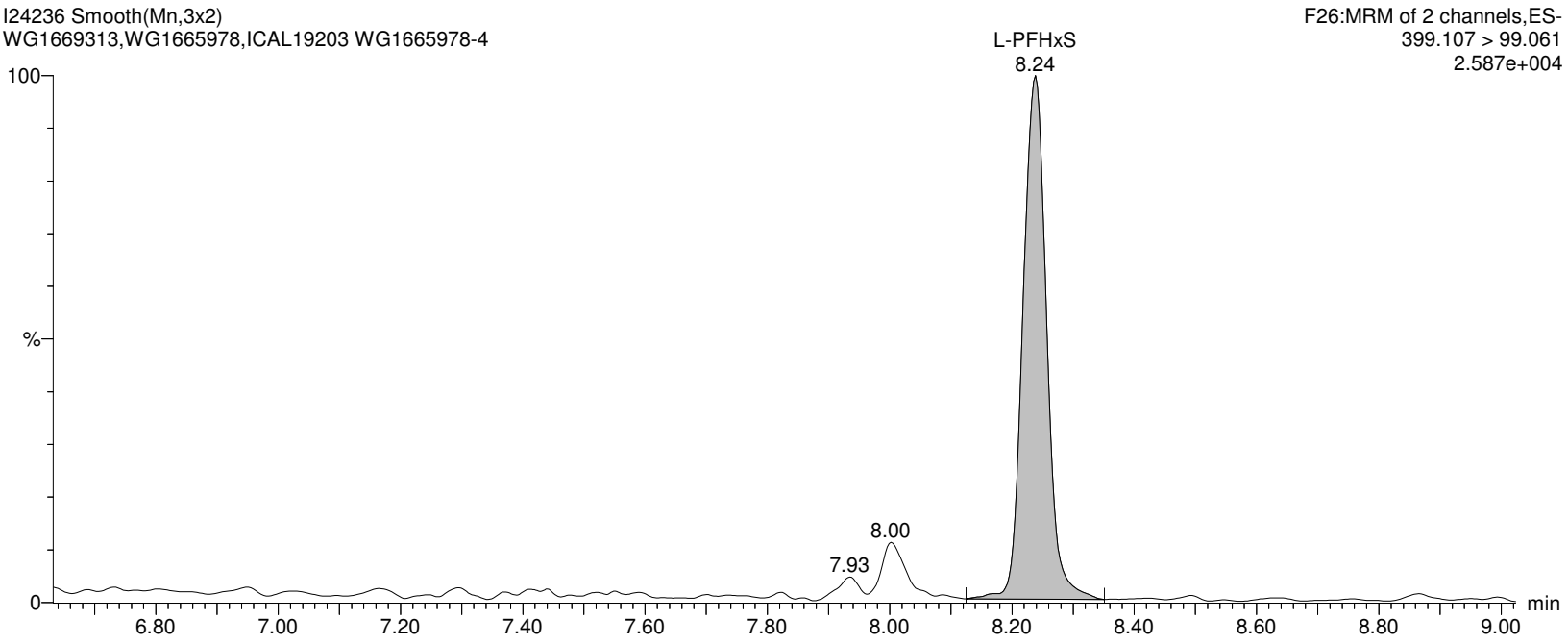
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:31 Eastern Daylight Time

Name: I24236
ID: WG1665978-4
Date: 31-Jul-2022
Time: 01:24:31
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

L-PFHxS



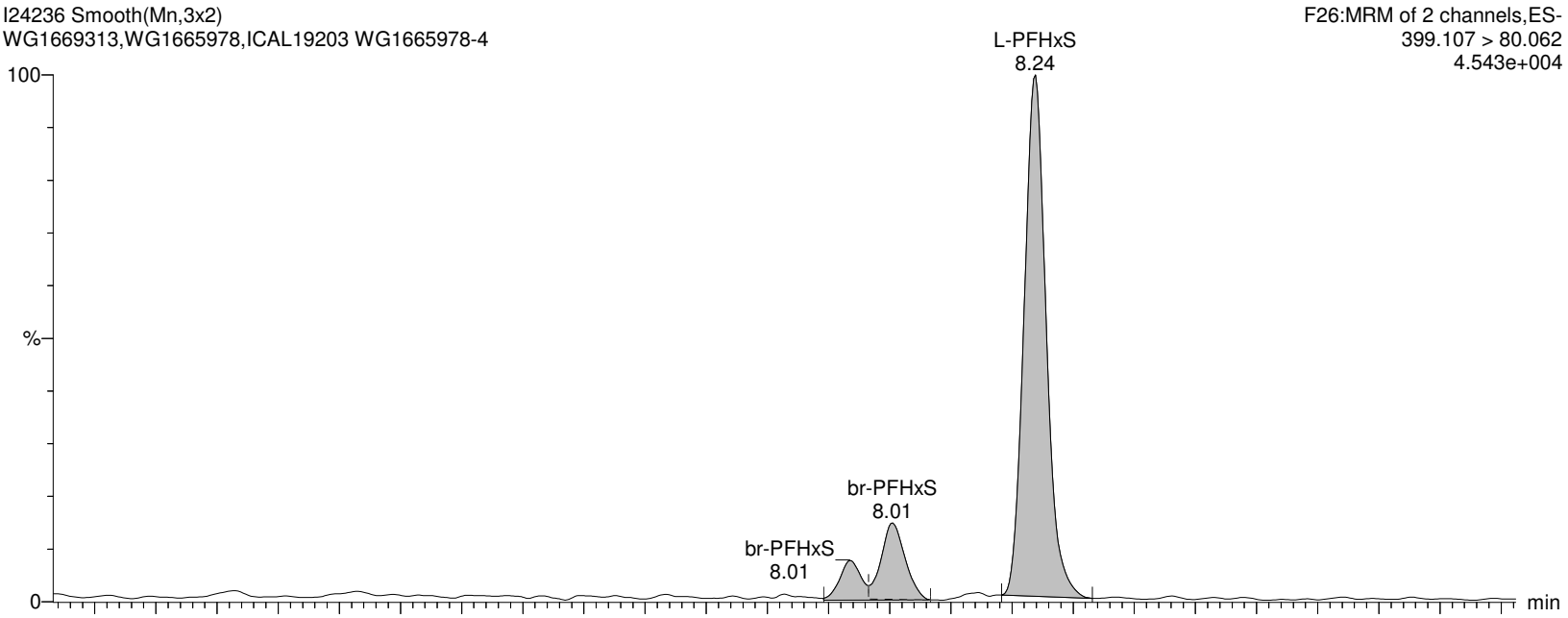


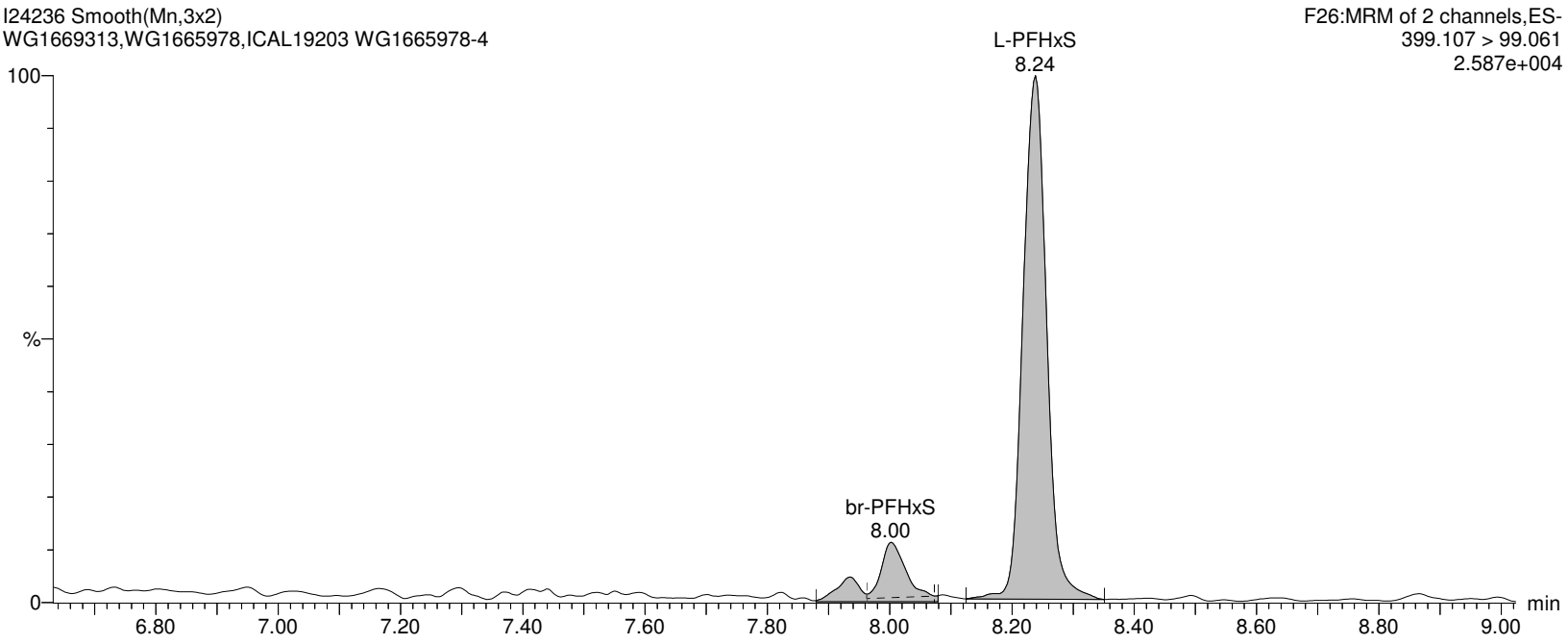
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:31 Eastern Daylight Time

Name: I24236
ID: WG1665978-4
Date: 31-Jul-2022
Time: 01:24:31
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFHxS



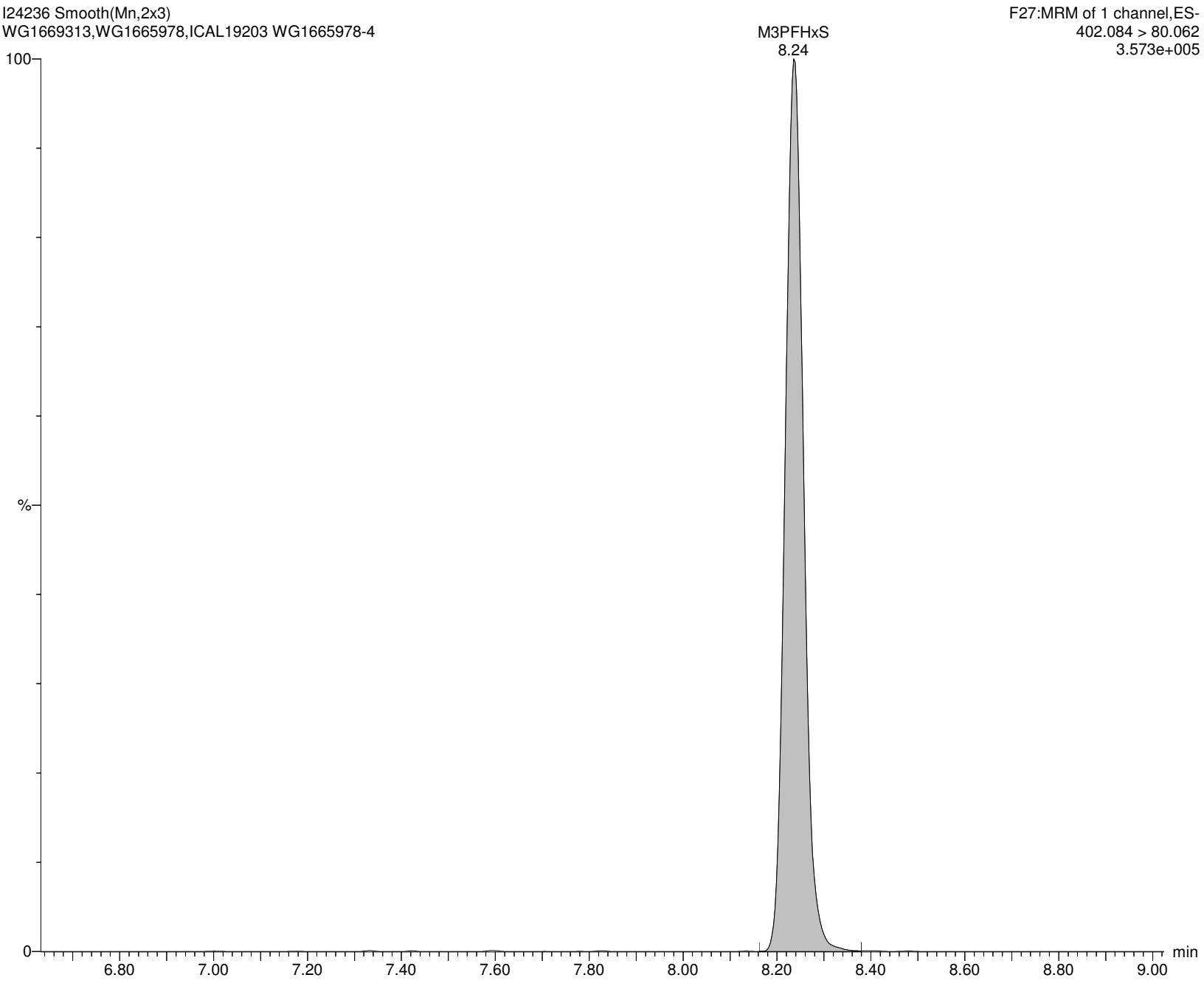


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:31 Eastern Daylight Time

Name: I24236
ID: WG1665978-4
Date: 31-Jul-2022
Time: 01:24:31
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M3PFHxS

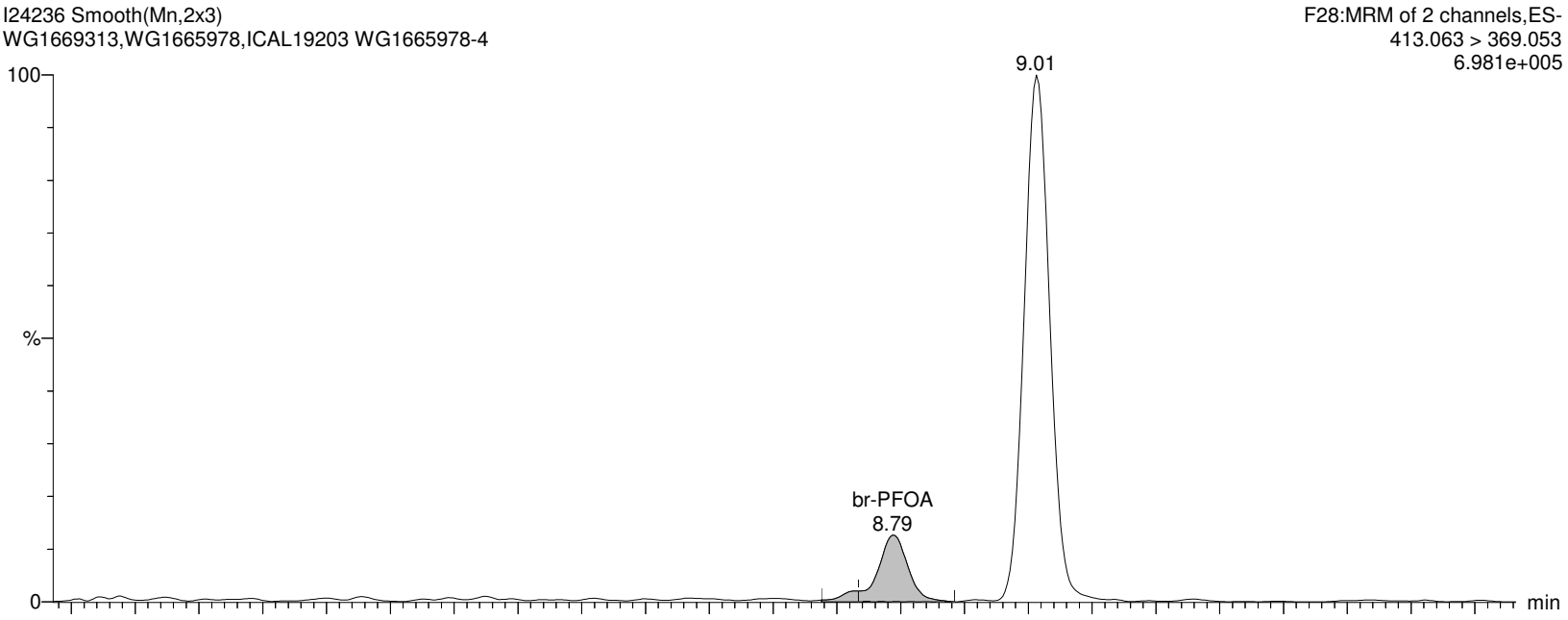


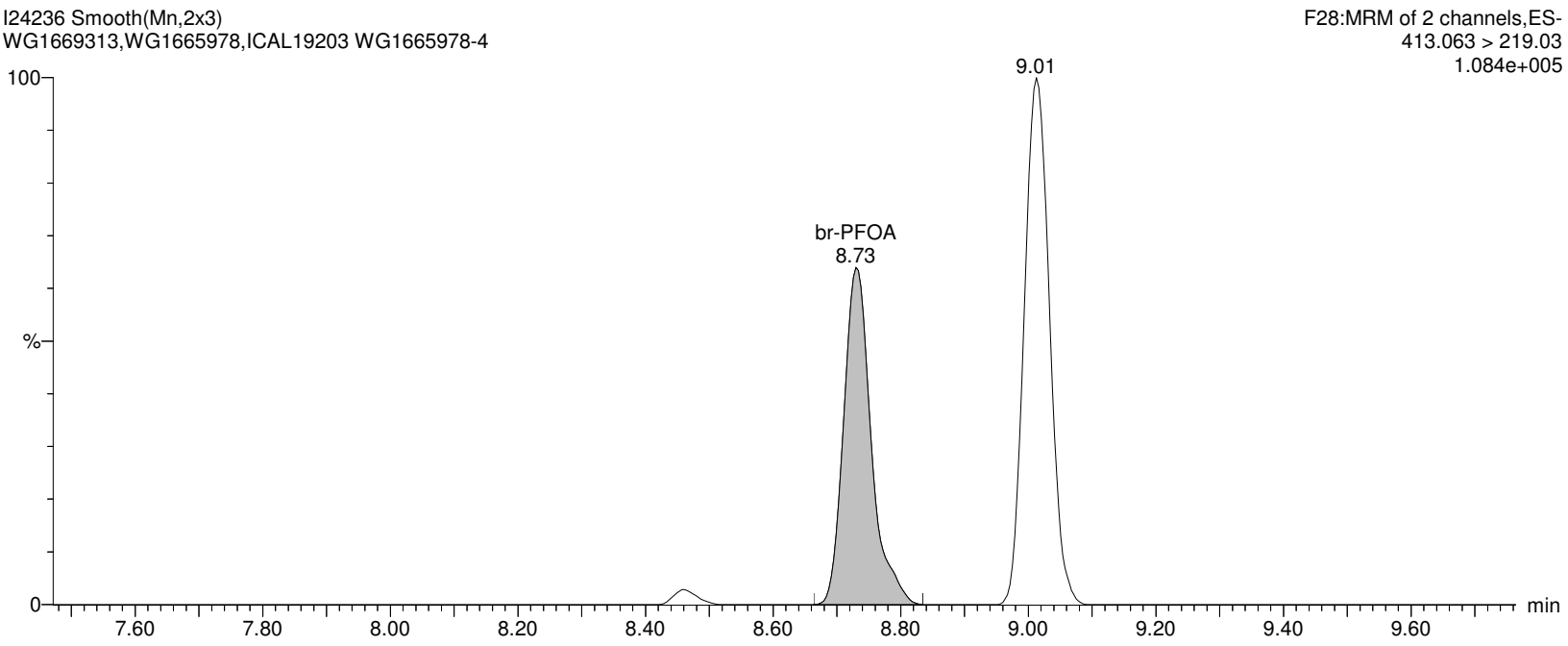
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:31 Eastern Daylight Time

Name: I24236
ID: WG1665978-4
Date: 31-Jul-2022
Time: 01:24:31
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

br-PFOA



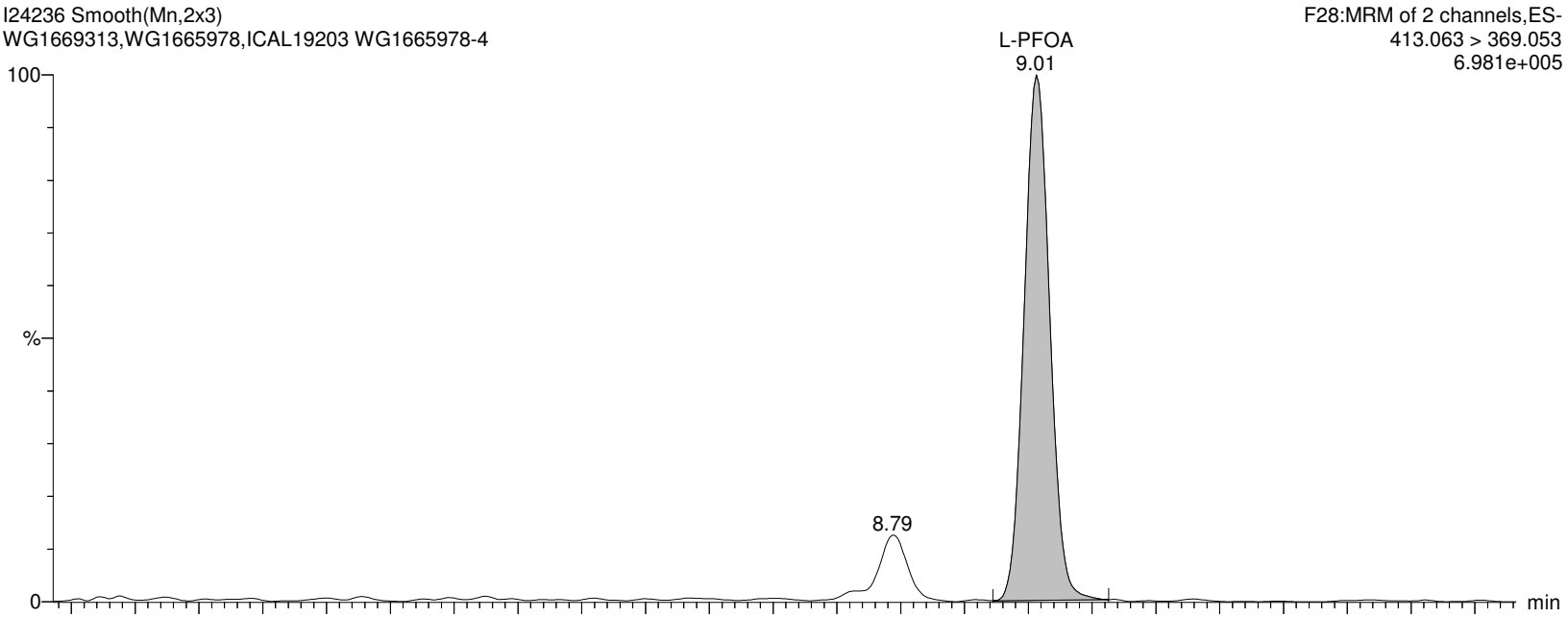


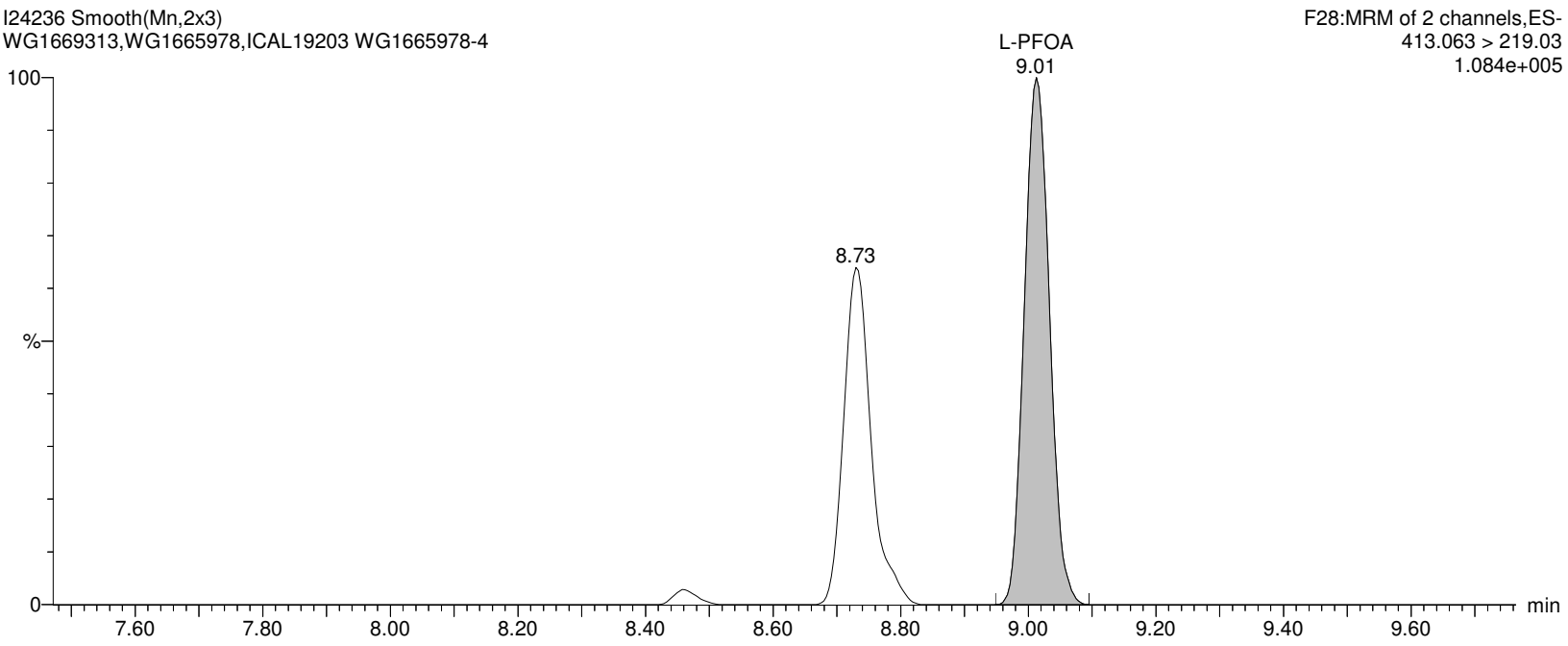
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:31 Eastern Daylight Time

Name: I24236
ID: WG1665978-4
Date: 31-Jul-2022
Time: 01:24:31
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

L-PFOA



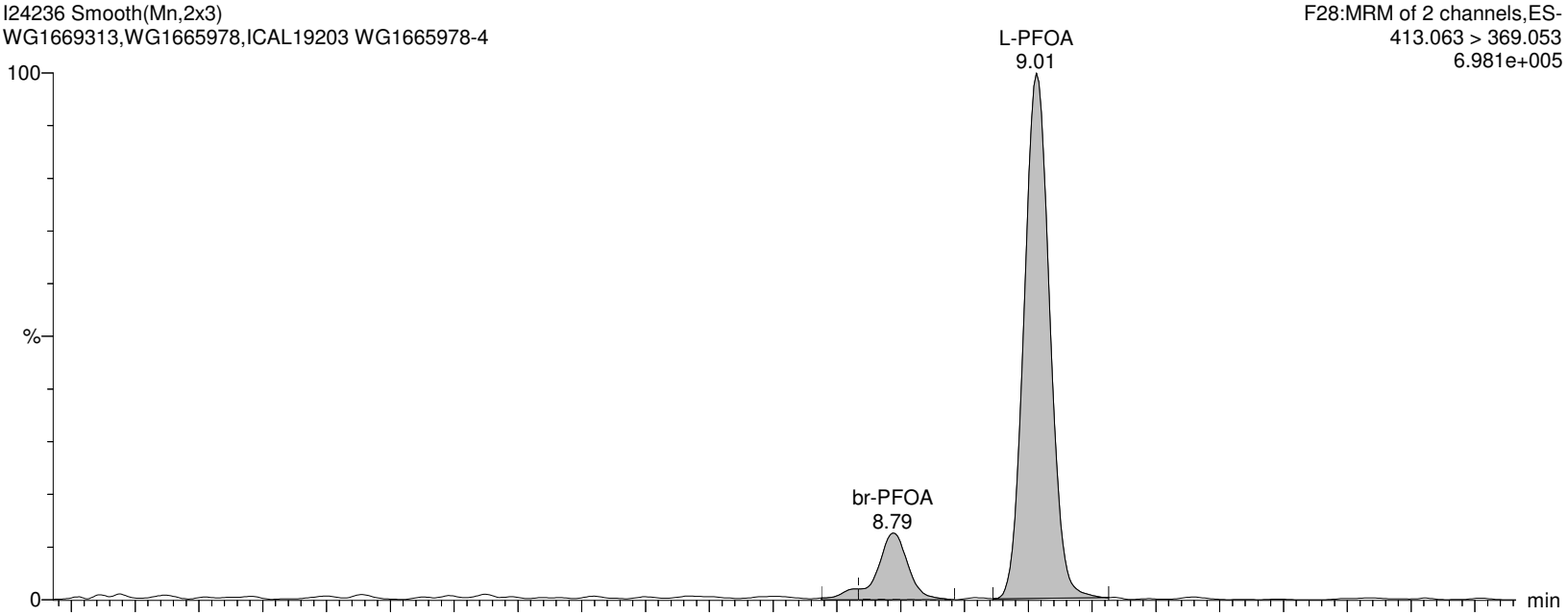


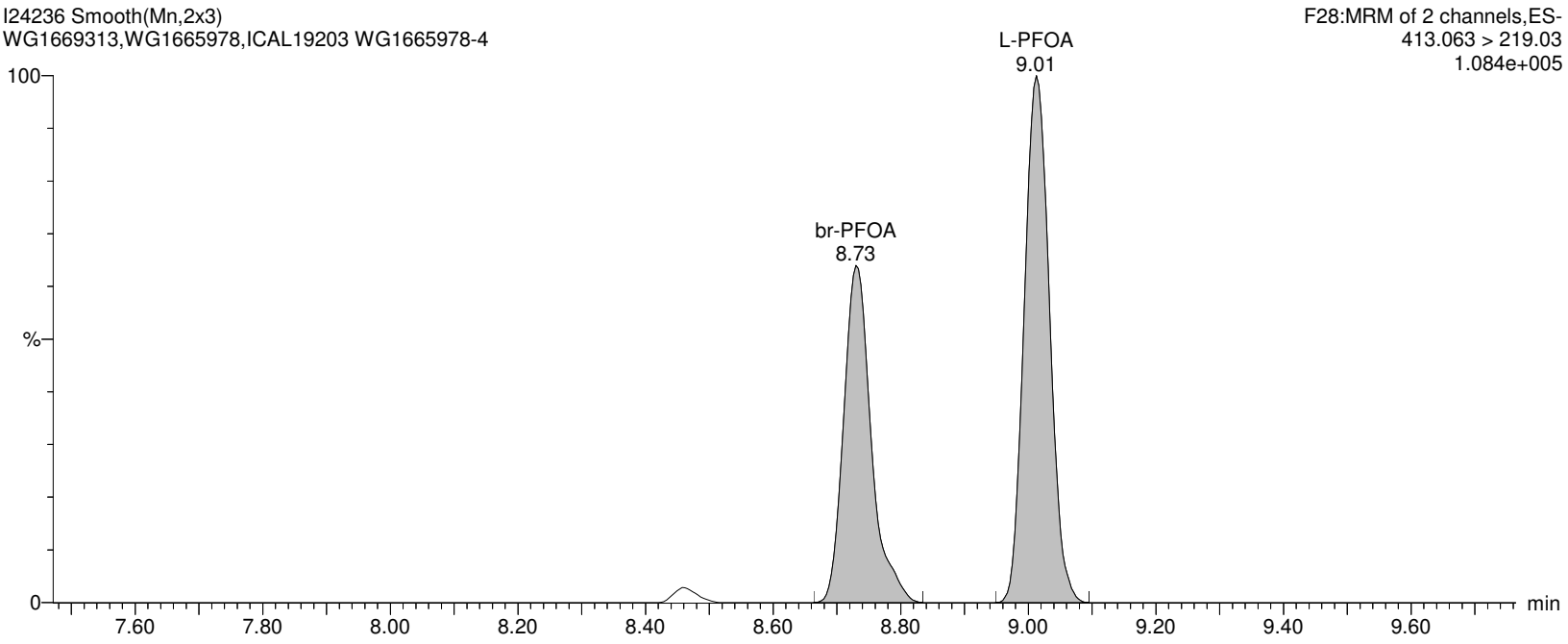
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:31 Eastern Daylight Time

Name: I24236
ID: WG1665978-4
Date: 31-Jul-2022
Time: 01:24:31
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFOA



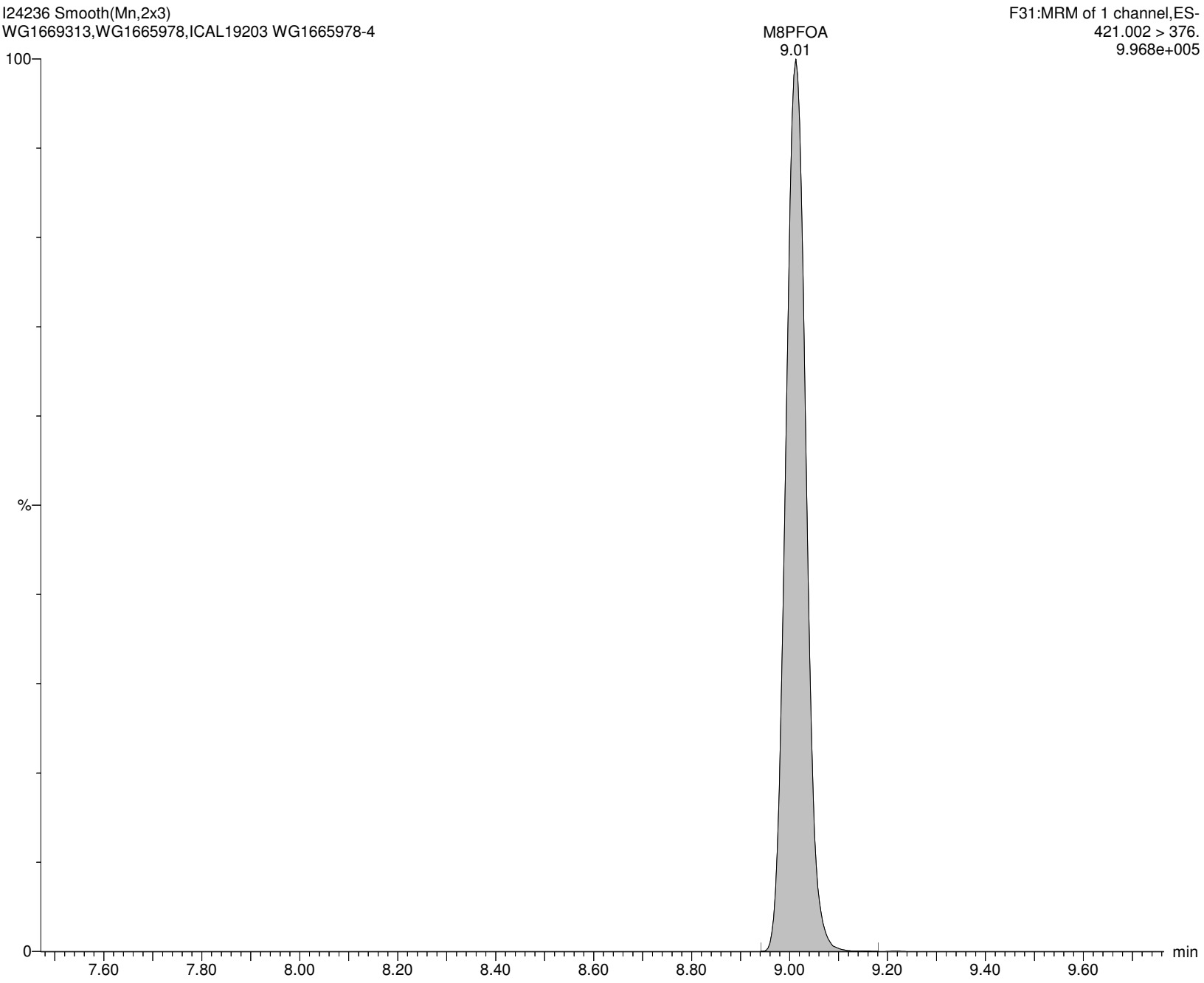


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:31 Eastern Daylight Time

Name: I24236
ID: WG1665978-4
Date: 31-Jul-2022
Time: 01:24:31
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M8PFOA

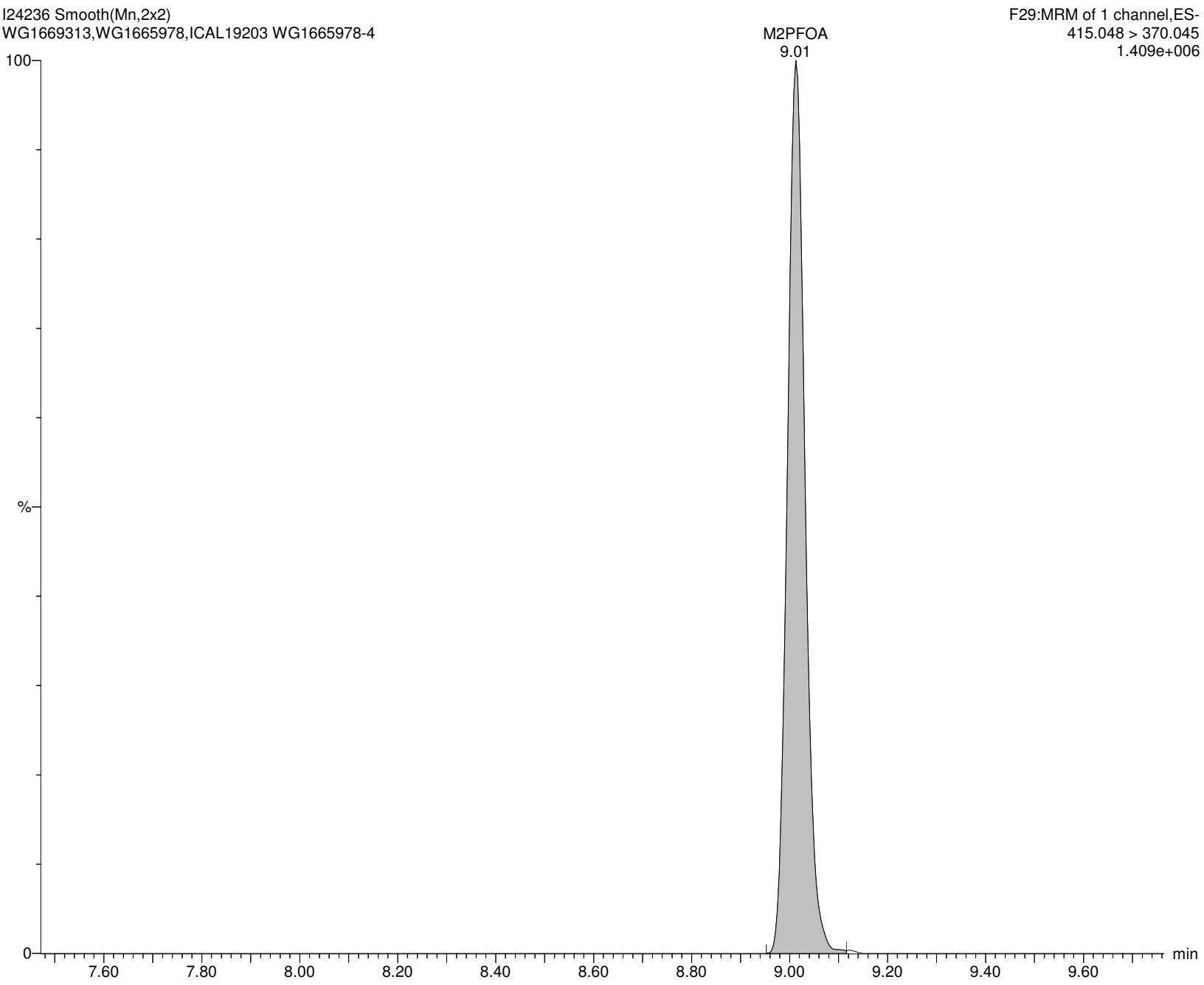


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:31 Eastern Daylight Time

Name: I24236
ID: WG1665978-4
Date: 31-Jul-2022
Time: 01:24:31
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2PFOA

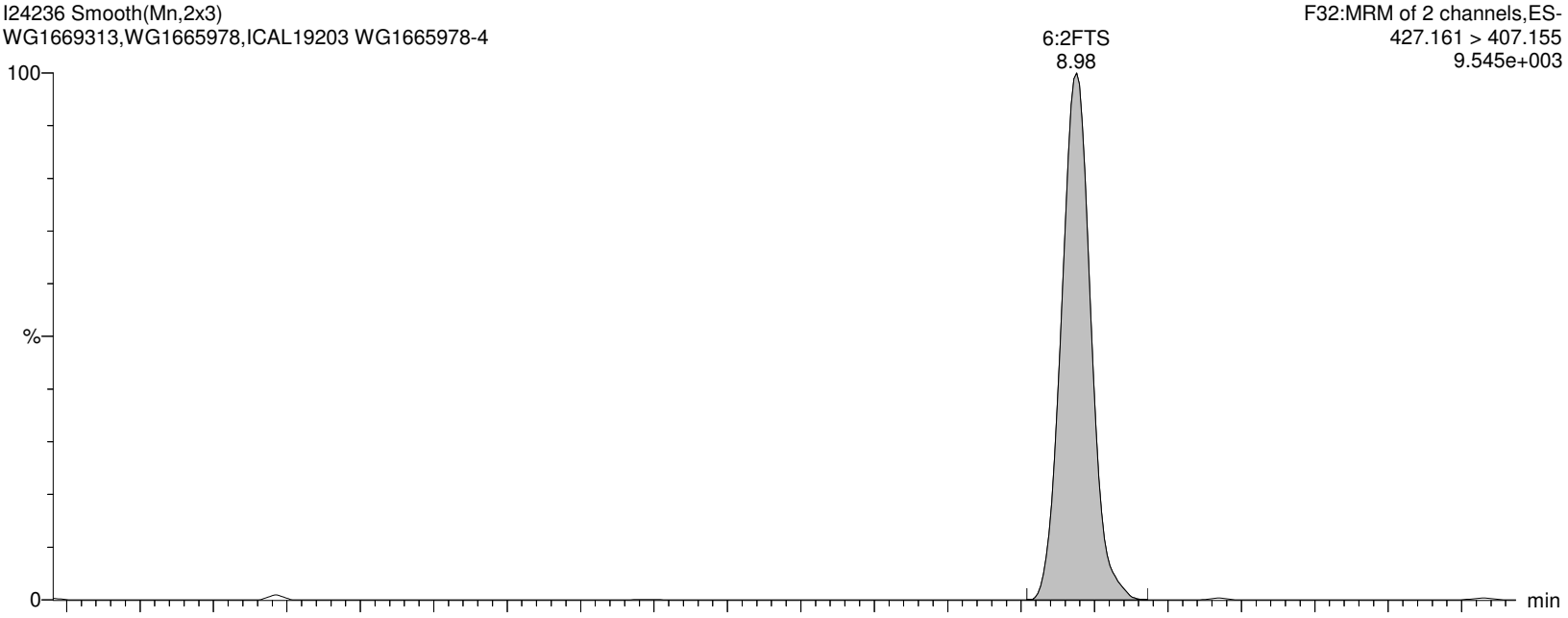


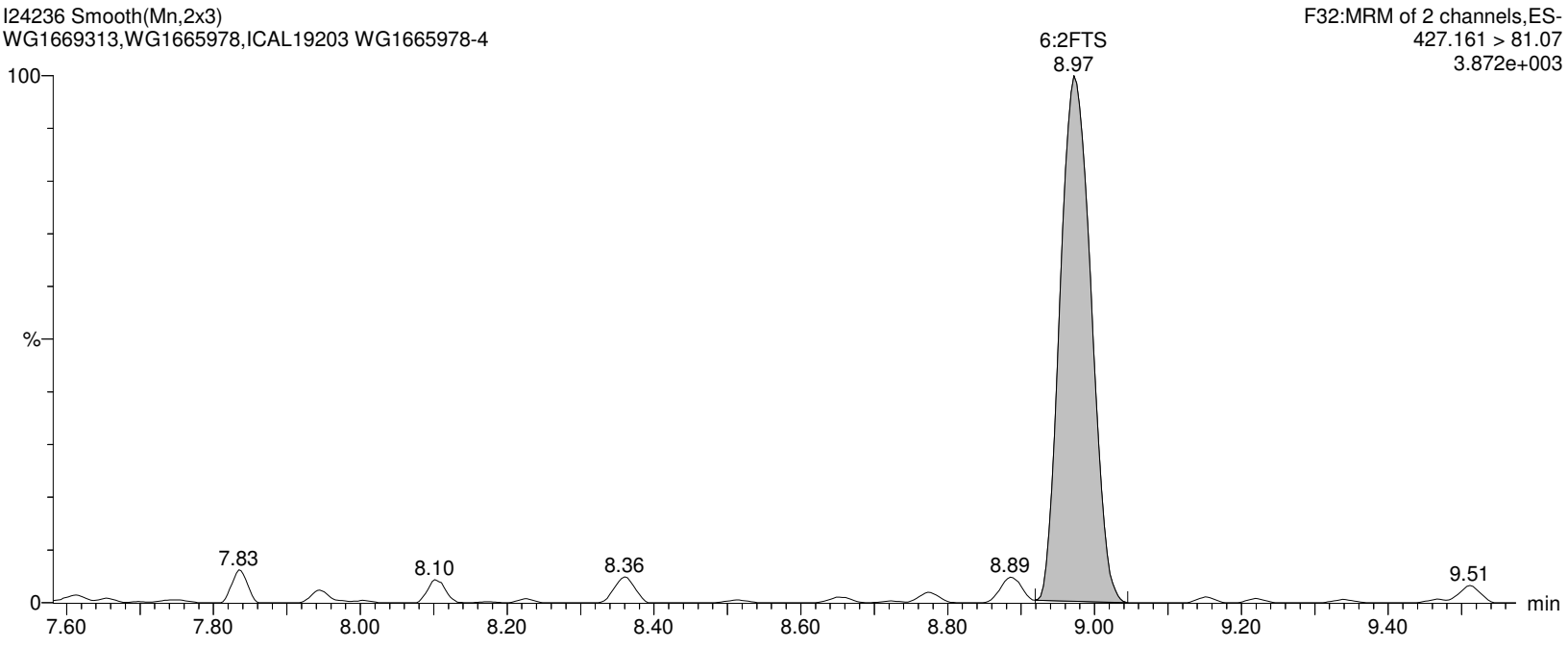
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:31 Eastern Daylight Time

Name: I24236
ID: WG1665978-4
Date: 31-Jul-2022
Time: 01:24:31
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

6:2FTS



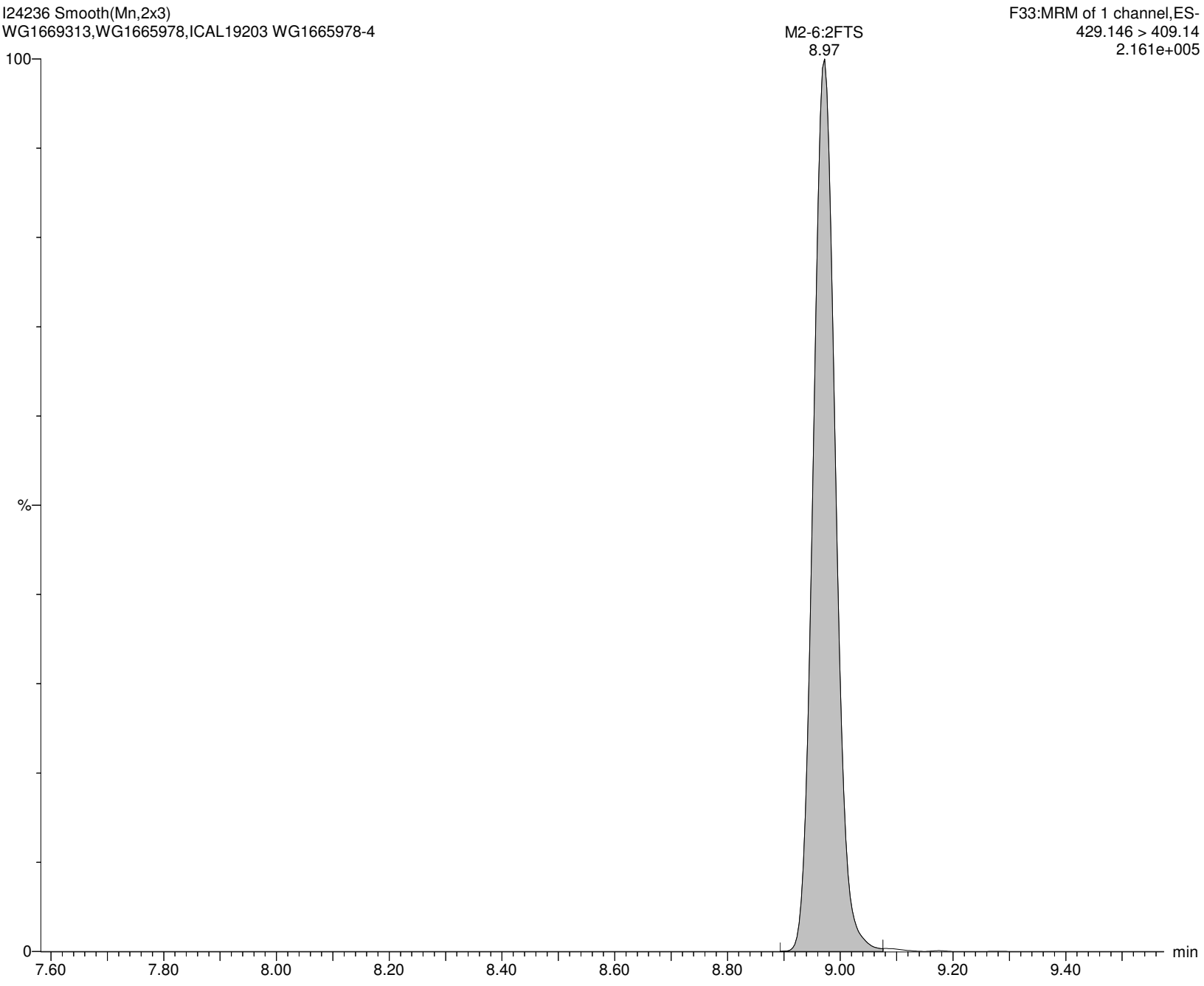


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:31 Eastern Daylight Time

Name: I24236
ID: WG1665978-4
Date: 31-Jul-2022
Time: 01:24:31
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2-6:2FTS

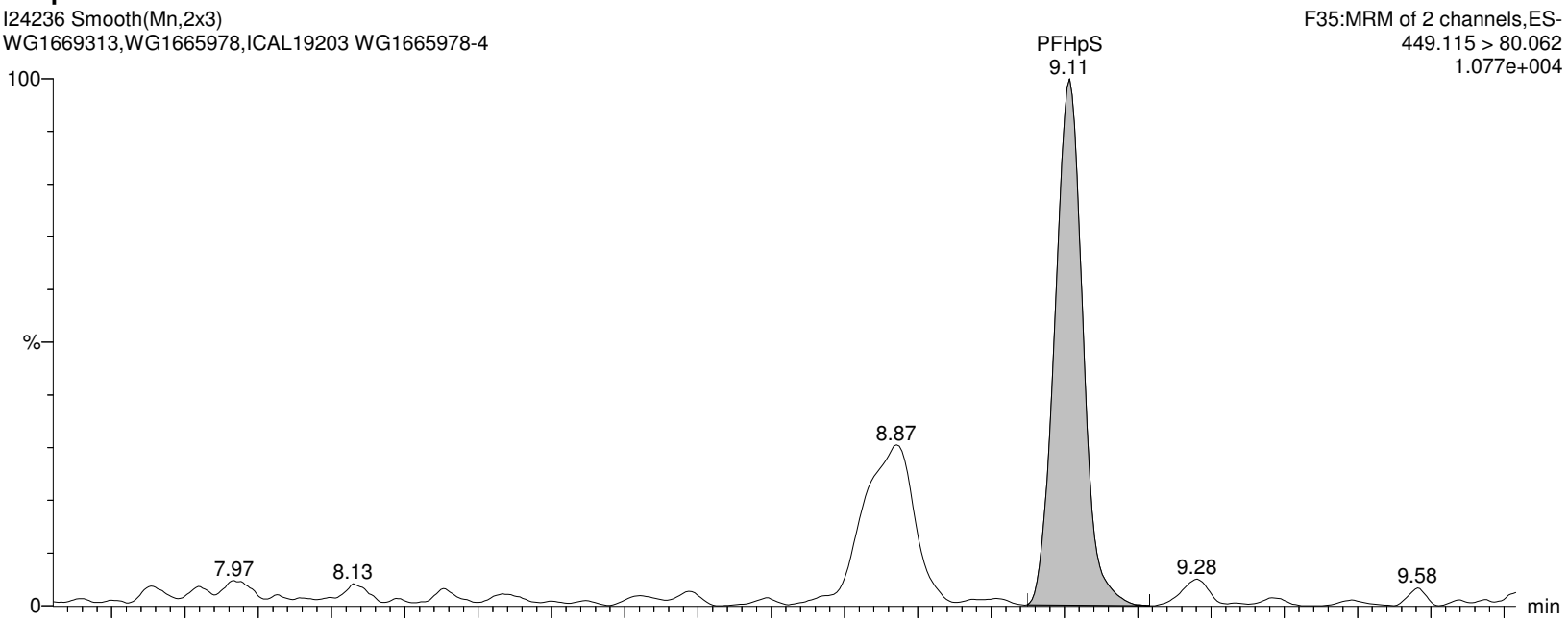


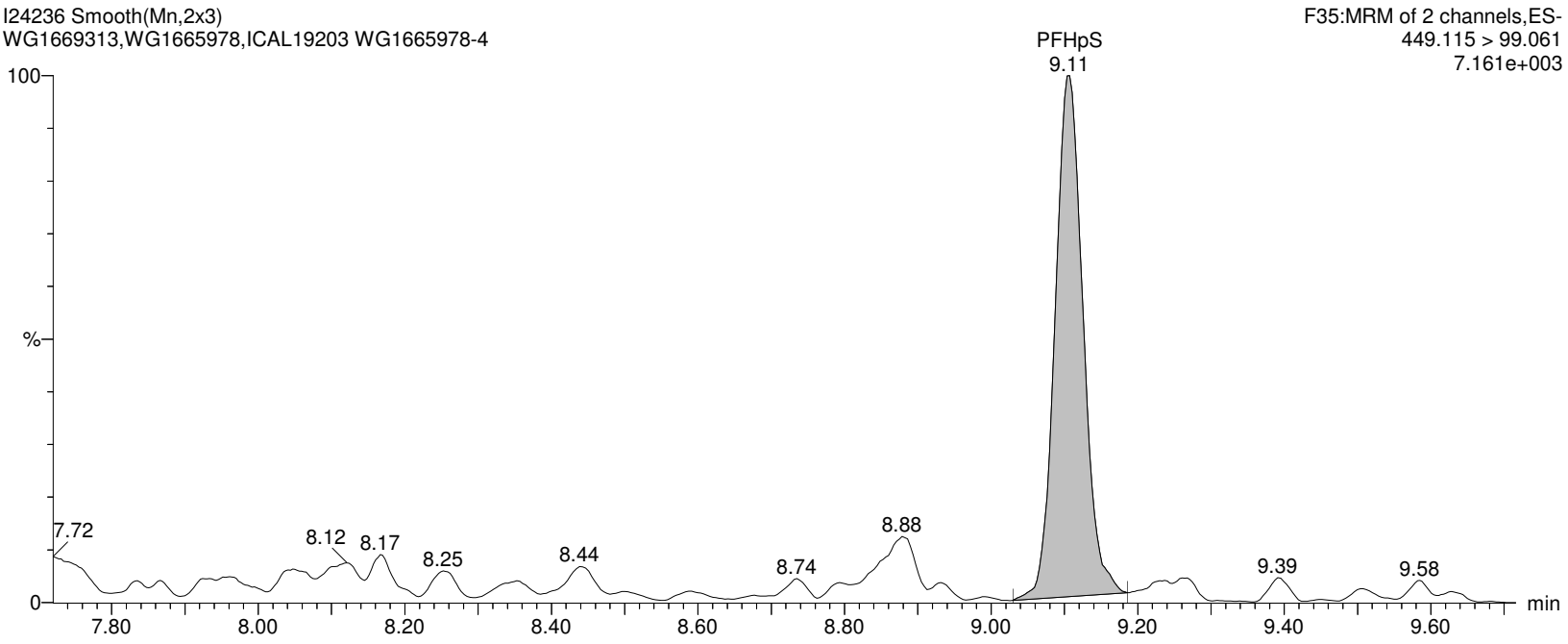
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:31 Eastern Daylight Time

Name: I24236
ID: WG1665978-4
Date: 31-Jul-2022
Time: 01:24:31
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFHpS



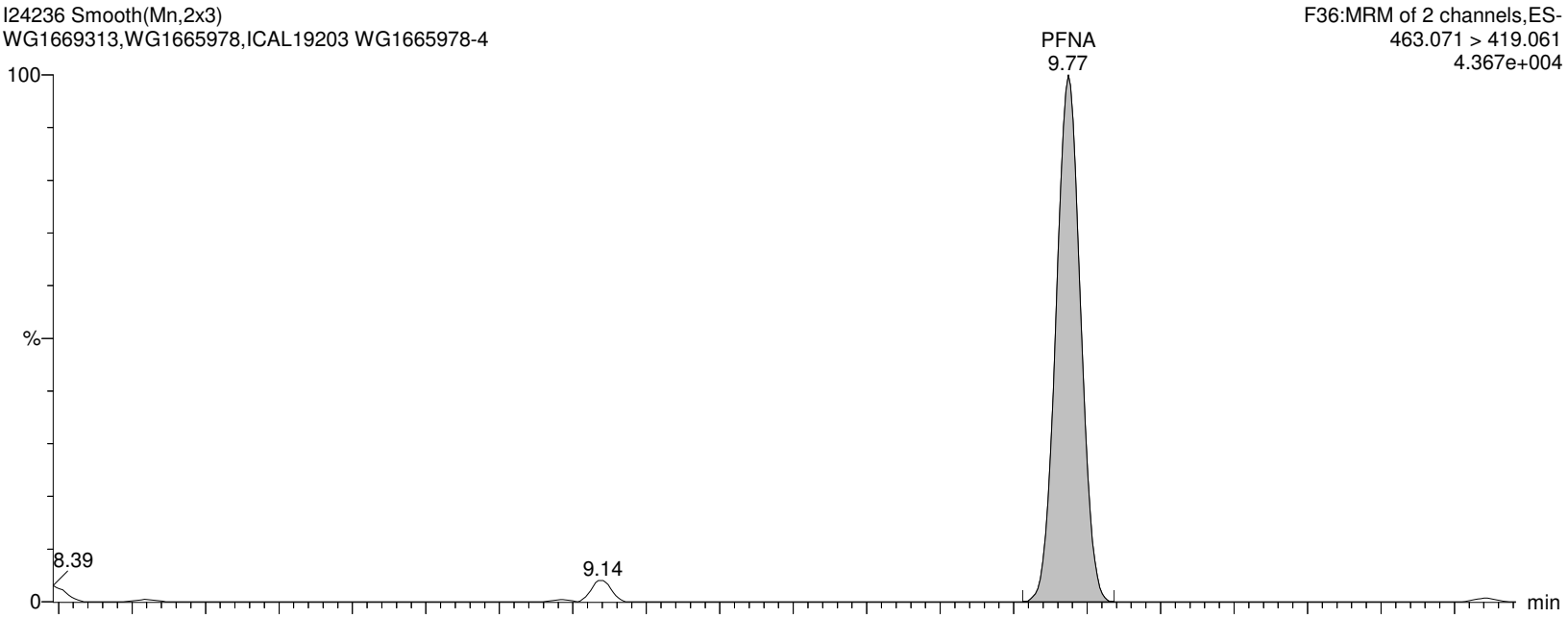


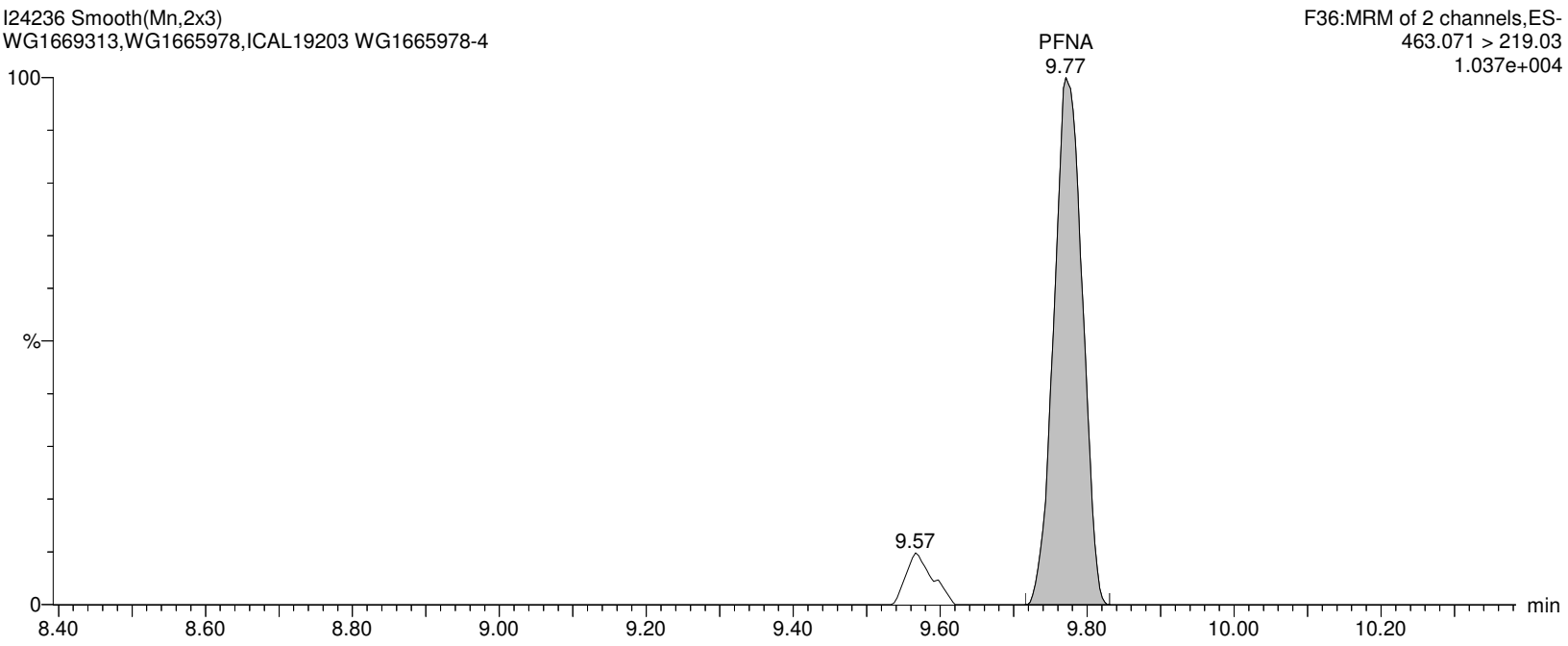
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:31 Eastern Daylight Time

Name: I24236
ID: WG1665978-4
Date: 31-Jul-2022
Time: 01:24:31
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFNA



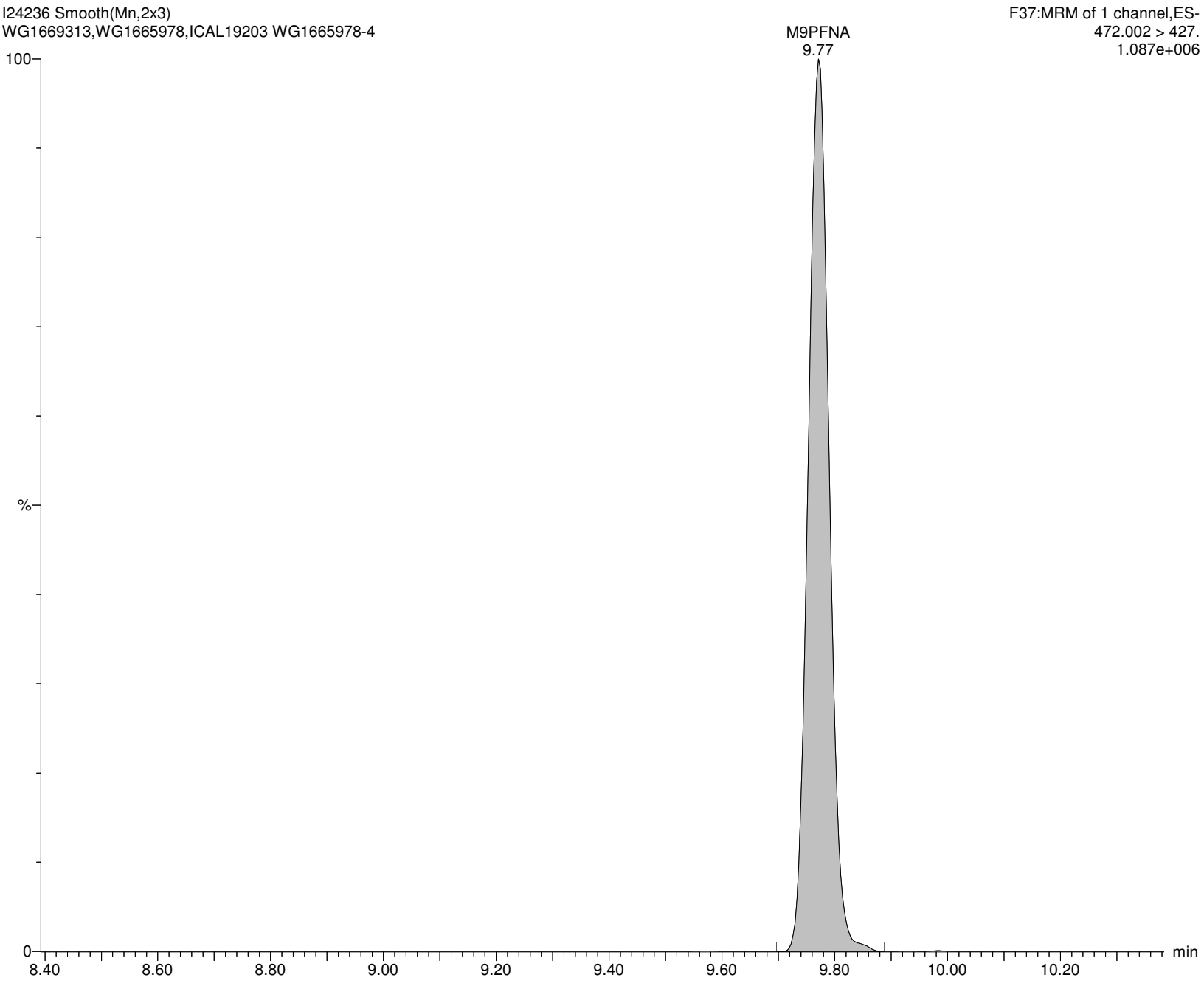


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:31 Eastern Daylight Time

Name: I24236
ID: WG1665978-4
Date: 31-Jul-2022
Time: 01:24:31
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M9PFNA

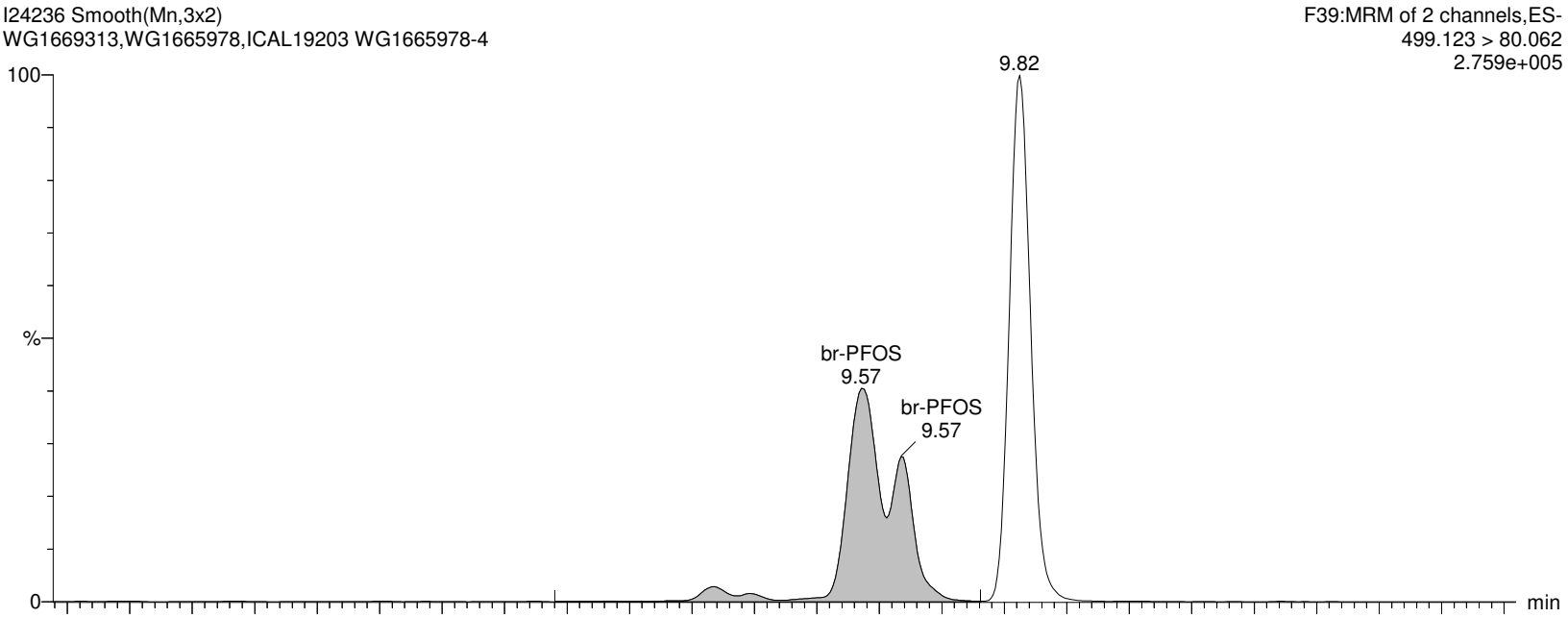


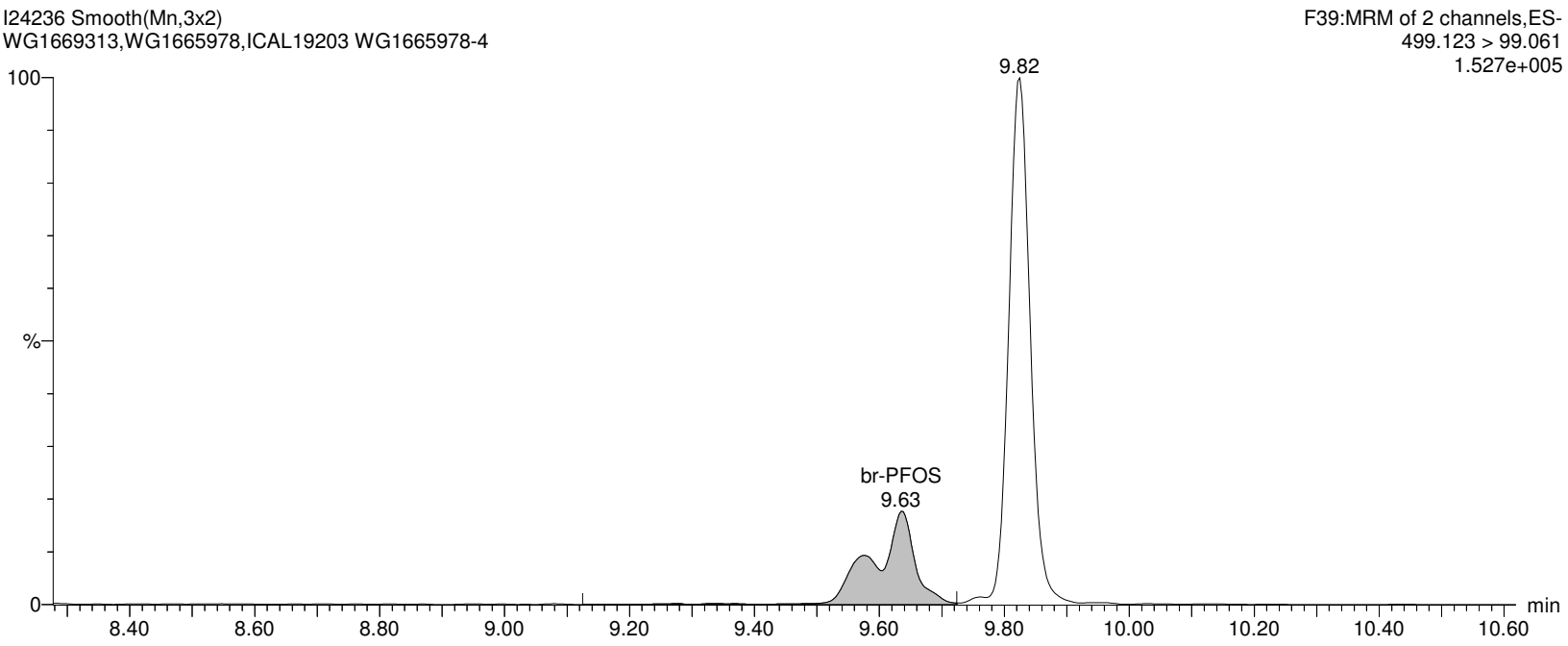
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:31 Eastern Daylight Time

Name: I24236
ID: WG1665978-4
Date: 31-Jul-2022
Time: 01:24:31
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

br-PFOS



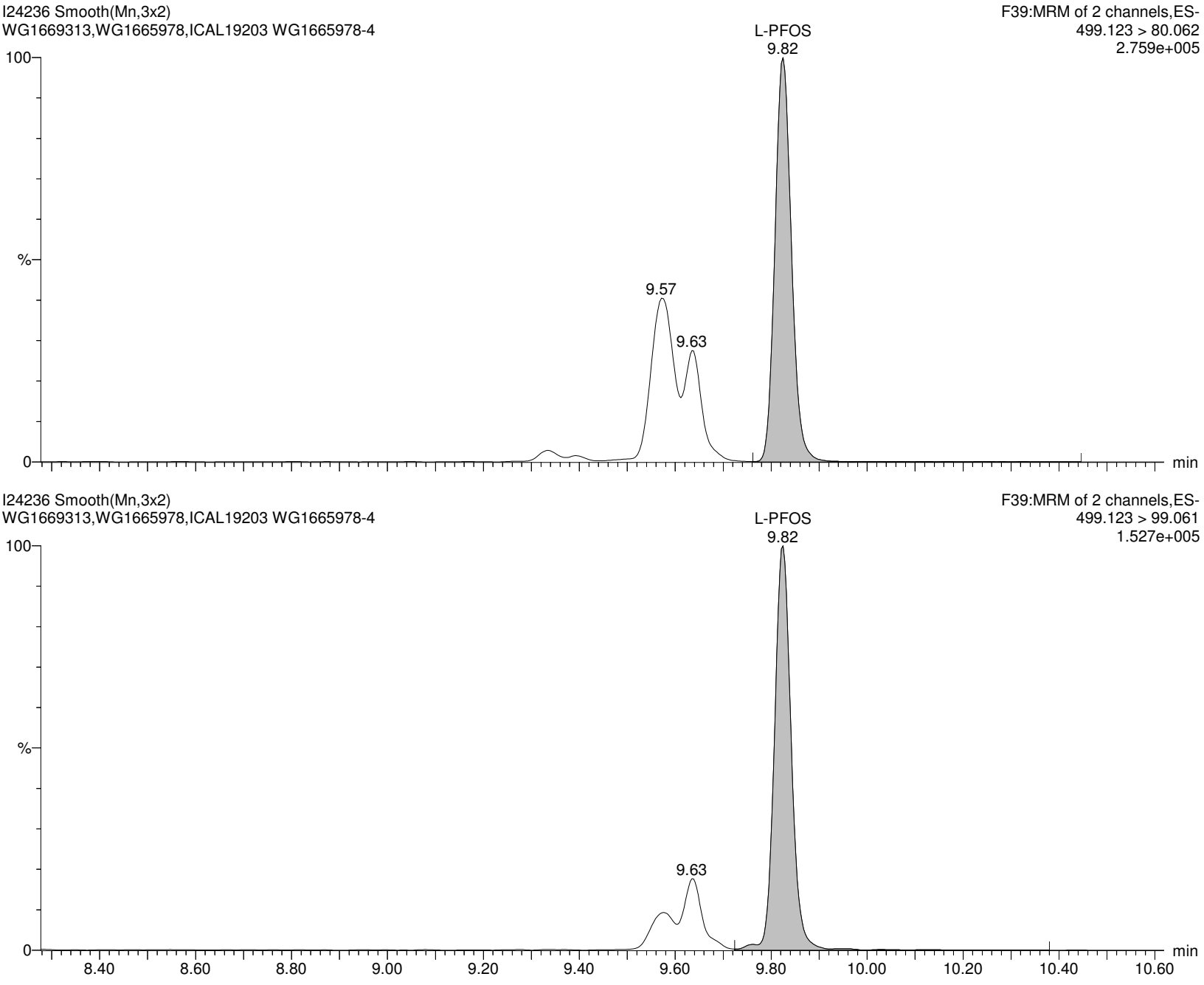


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:31 Eastern Daylight Time

Name: I24236
ID: WG1665978-4
Date: 31-Jul-2022
Time: 01:24:31
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

L-PFOS

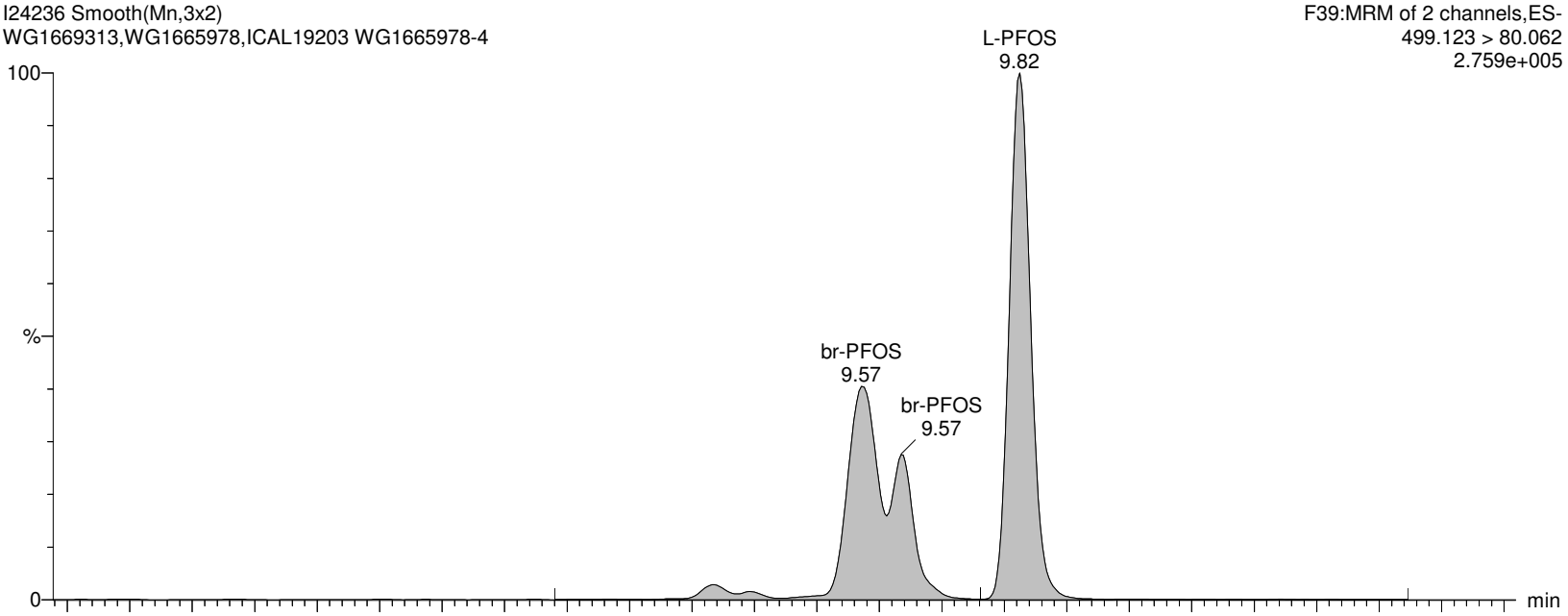


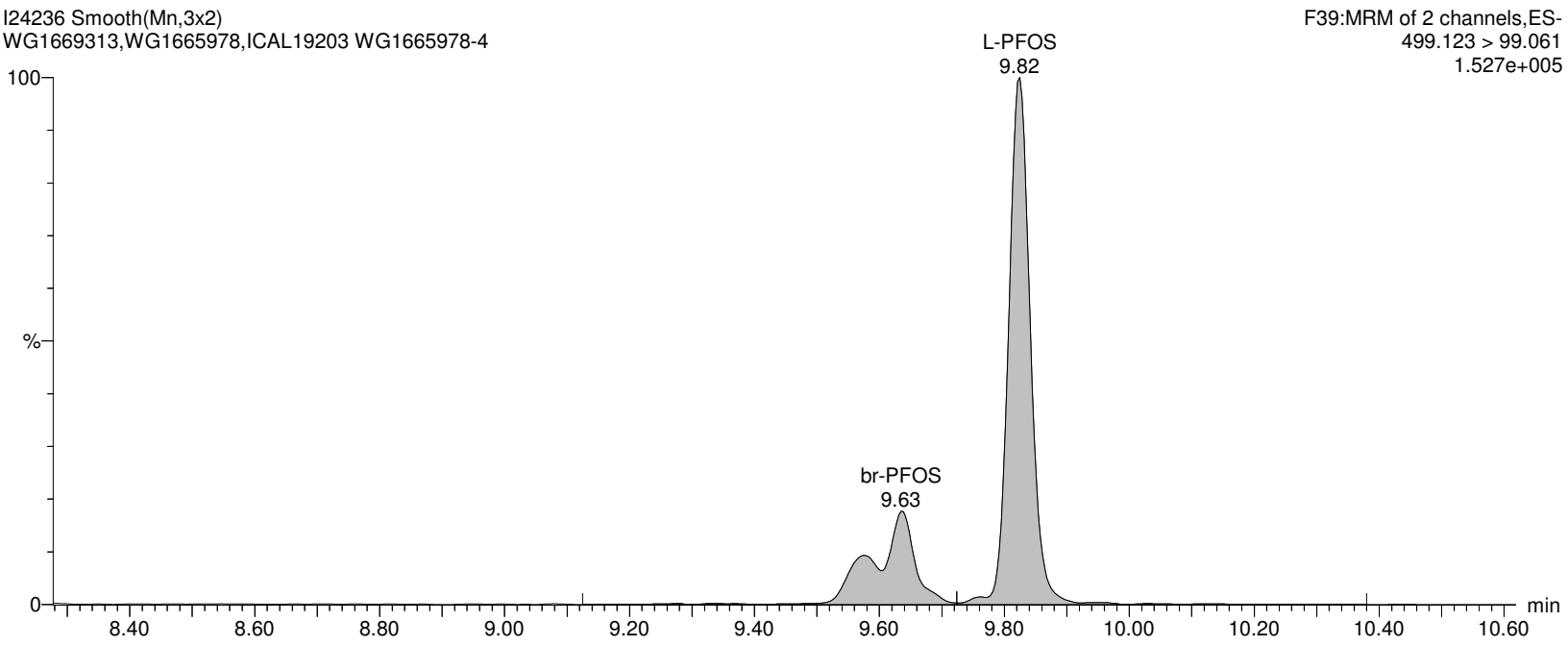
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:31 Eastern Daylight Time

Name: I24236
ID: WG1665978-4
Date: 31-Jul-2022
Time: 01:24:31
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFOS



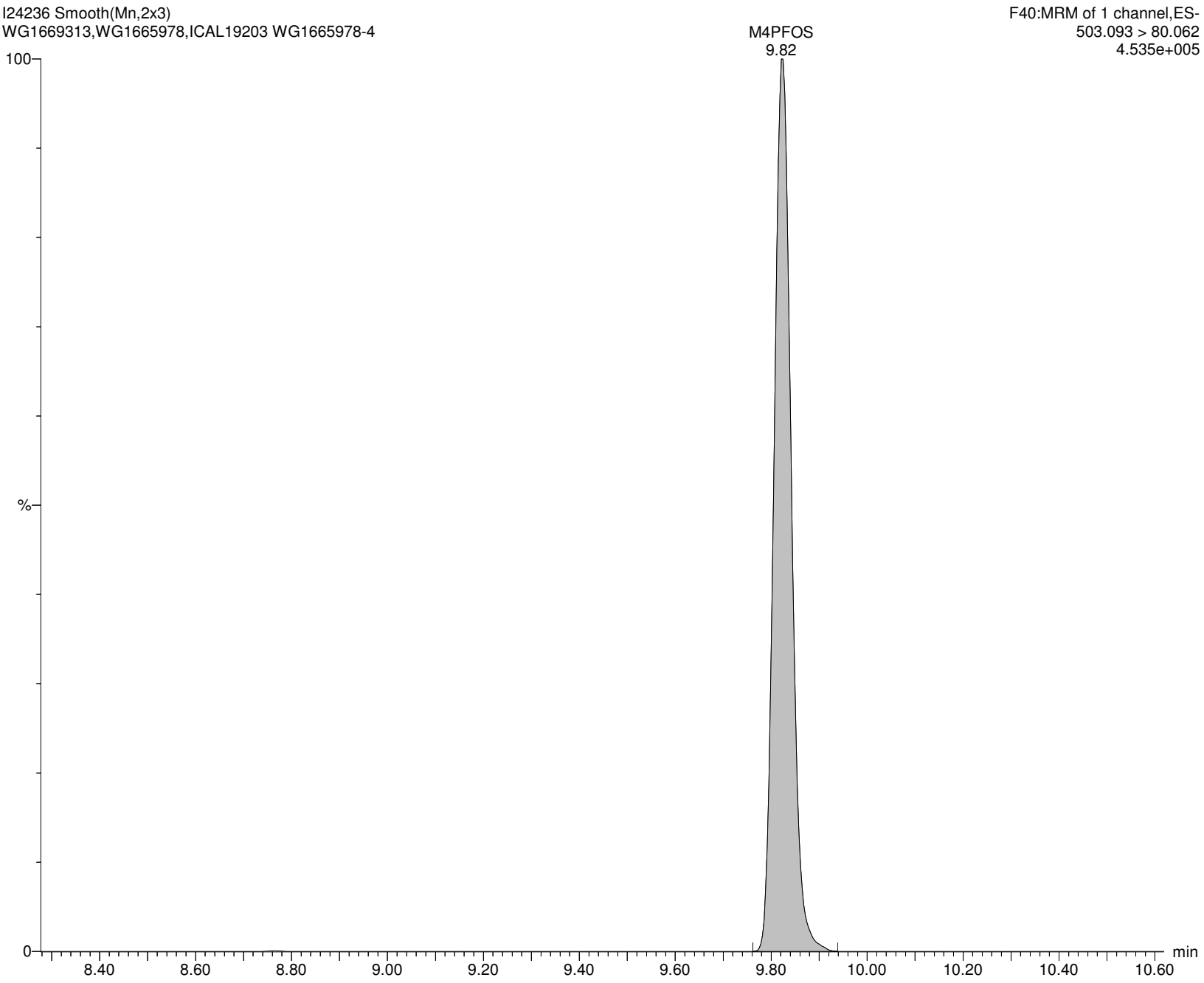


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:31 Eastern Daylight Time

Name: I24236
ID: WG1665978-4
Date: 31-Jul-2022
Time: 01:24:31
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M4PFOS

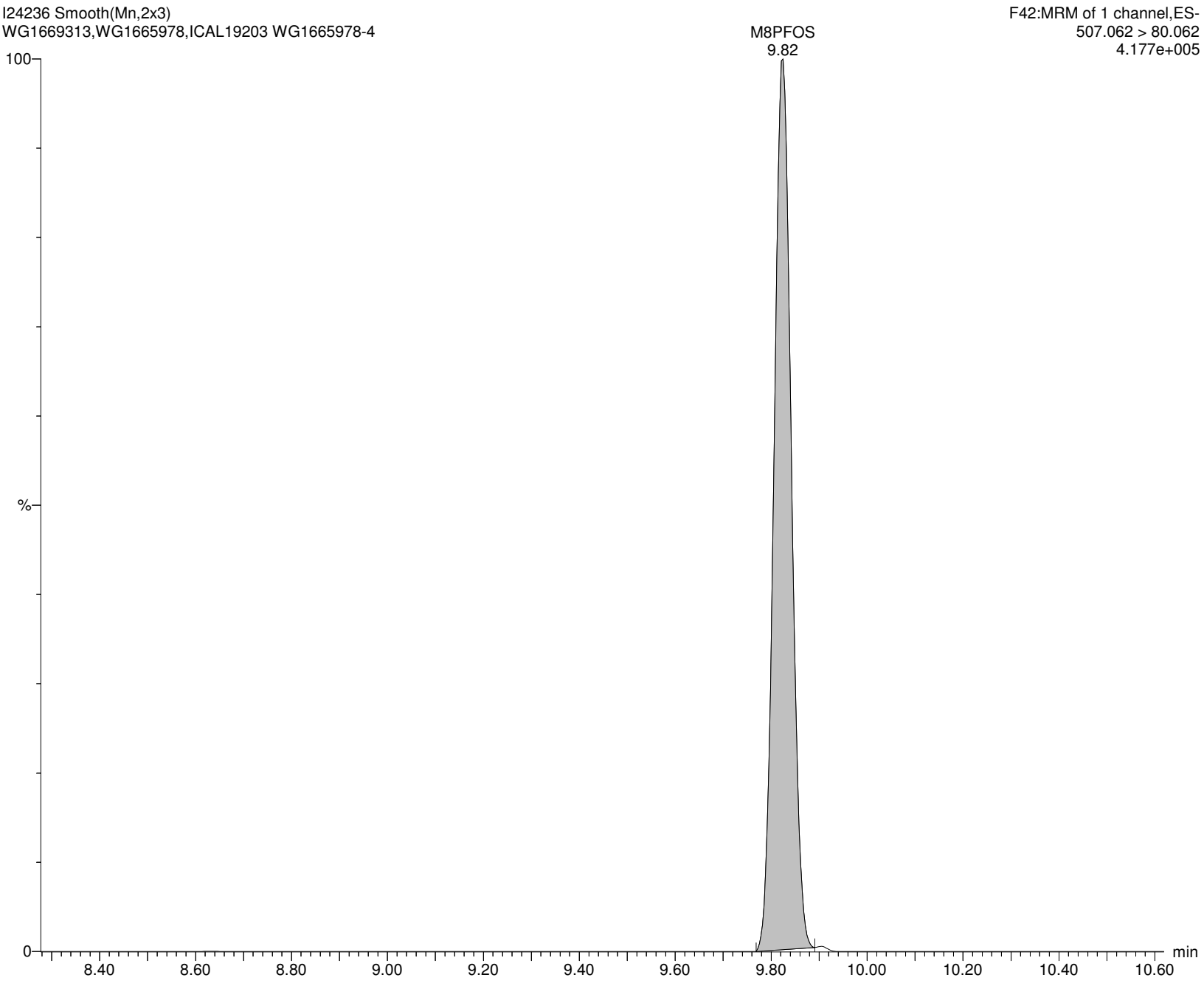


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:31 Eastern Daylight Time

Name: I24236
ID: WG1665978-4
Date: 31-Jul-2022
Time: 01:24:31
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M8PFOS

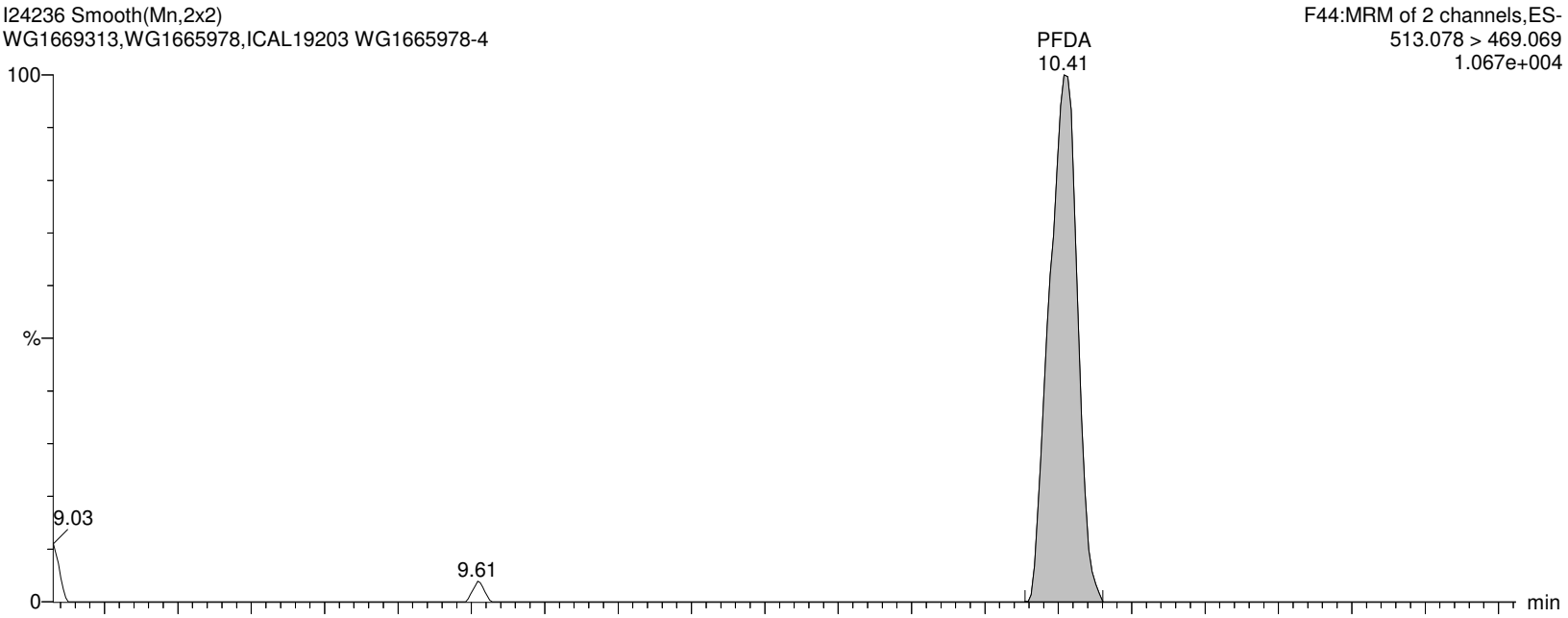


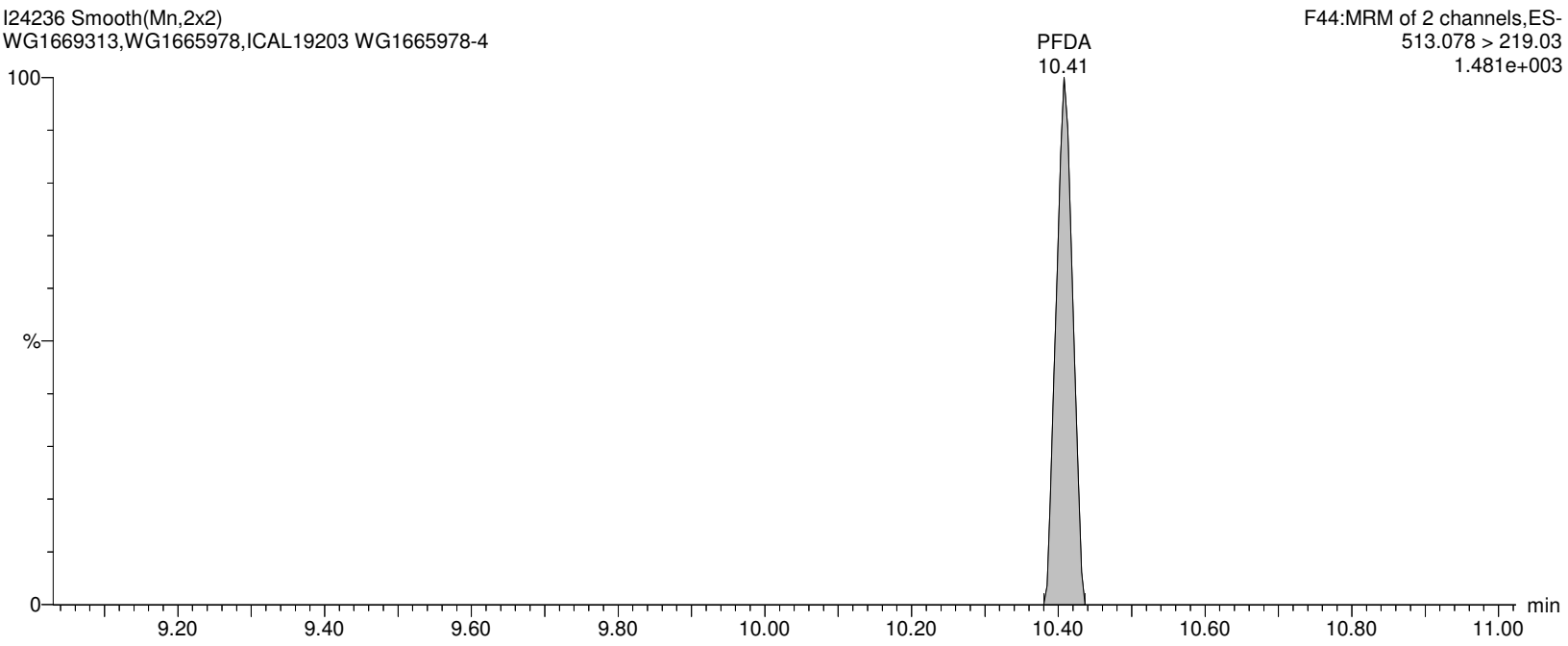
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:31 Eastern Daylight Time

Name: I24236
ID: WG1665978-4
Date: 31-Jul-2022
Time: 01:24:31
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFDA



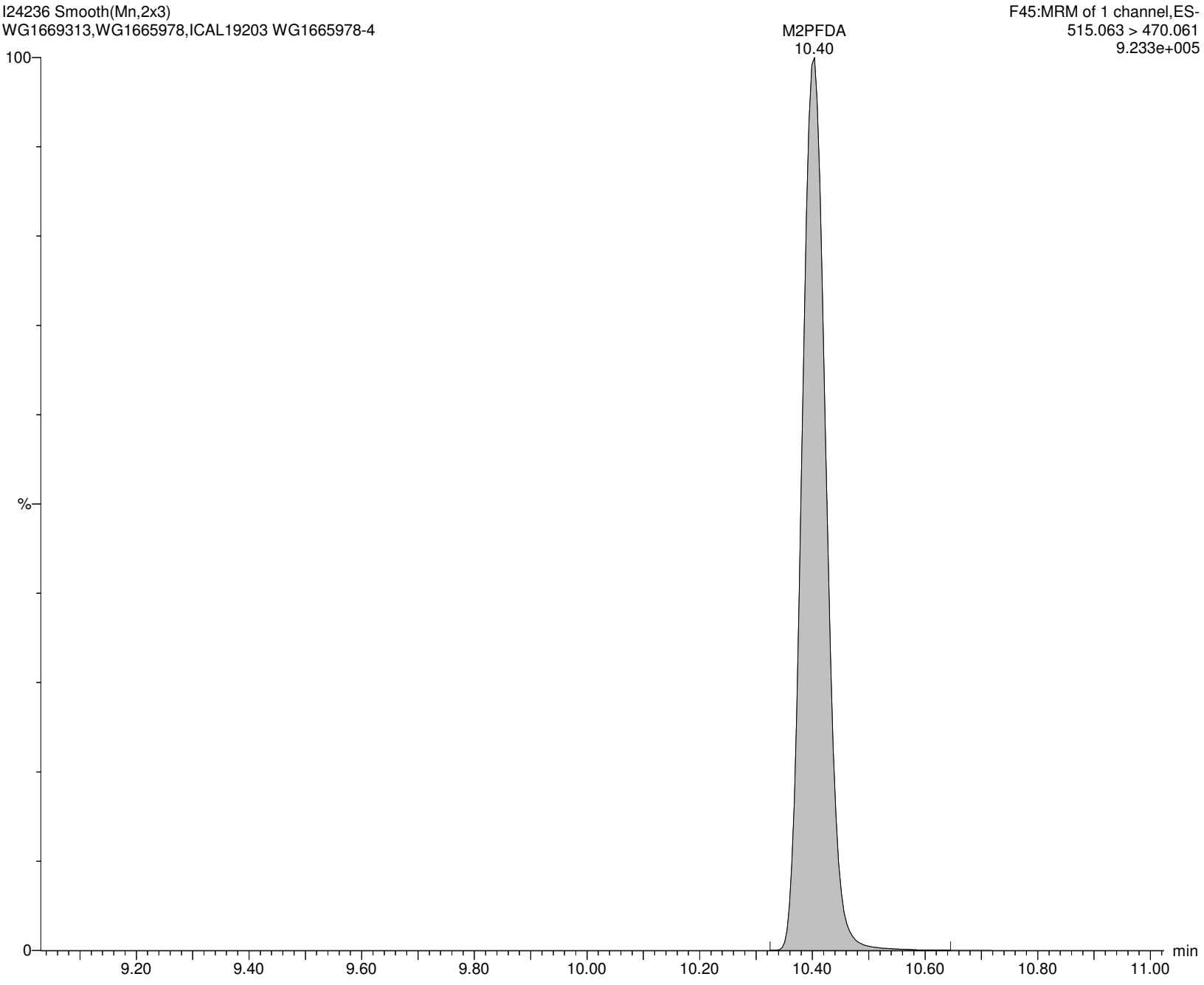


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:31 Eastern Daylight Time

Name: I24236
ID: WG1665978-4
Date: 31-Jul-2022
Time: 01:24:31
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2PFDA

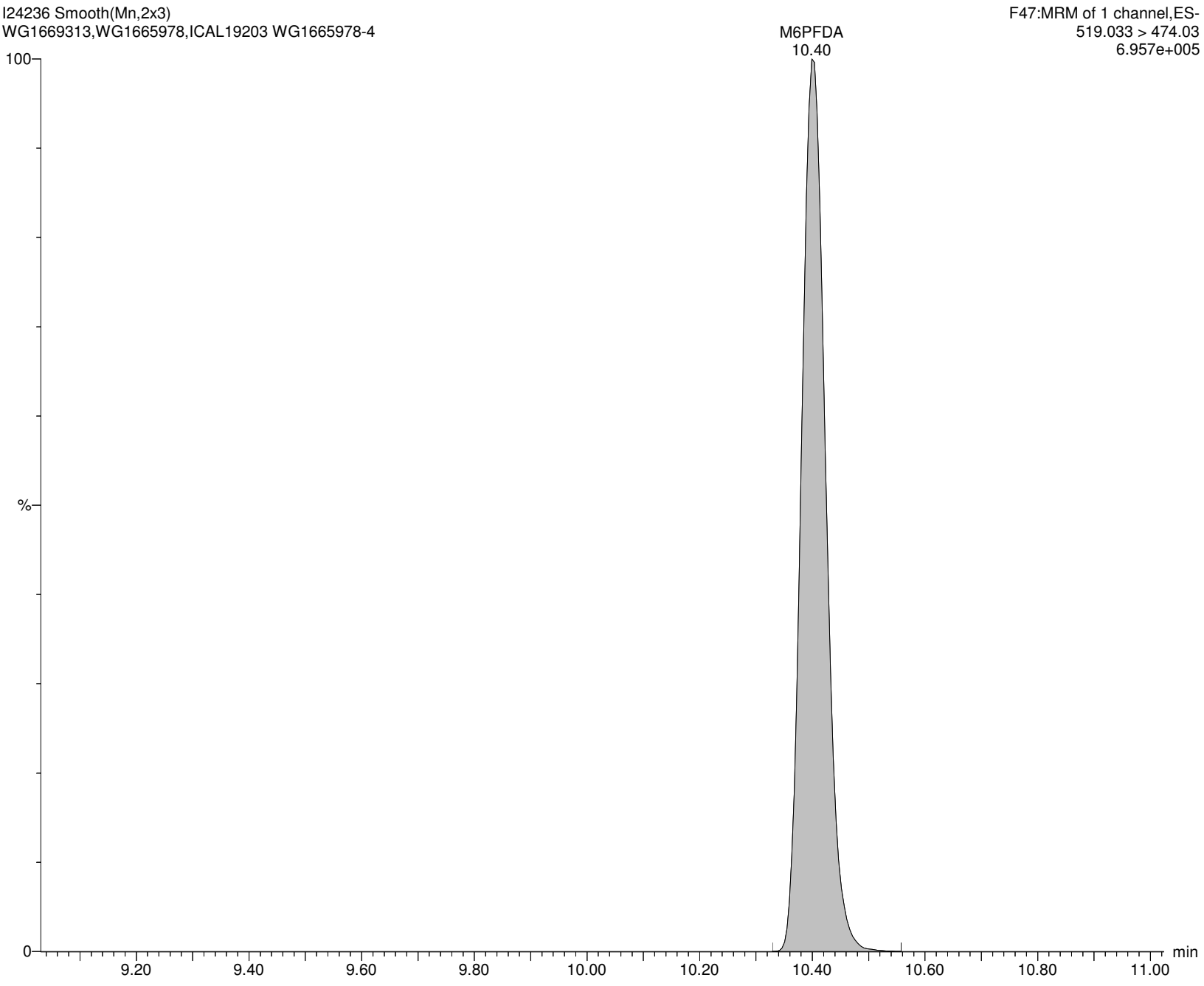


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:31 Eastern Daylight Time

Name: I24236
ID: WG1665978-4
Date: 31-Jul-2022
Time: 01:24:31
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M6PFDA

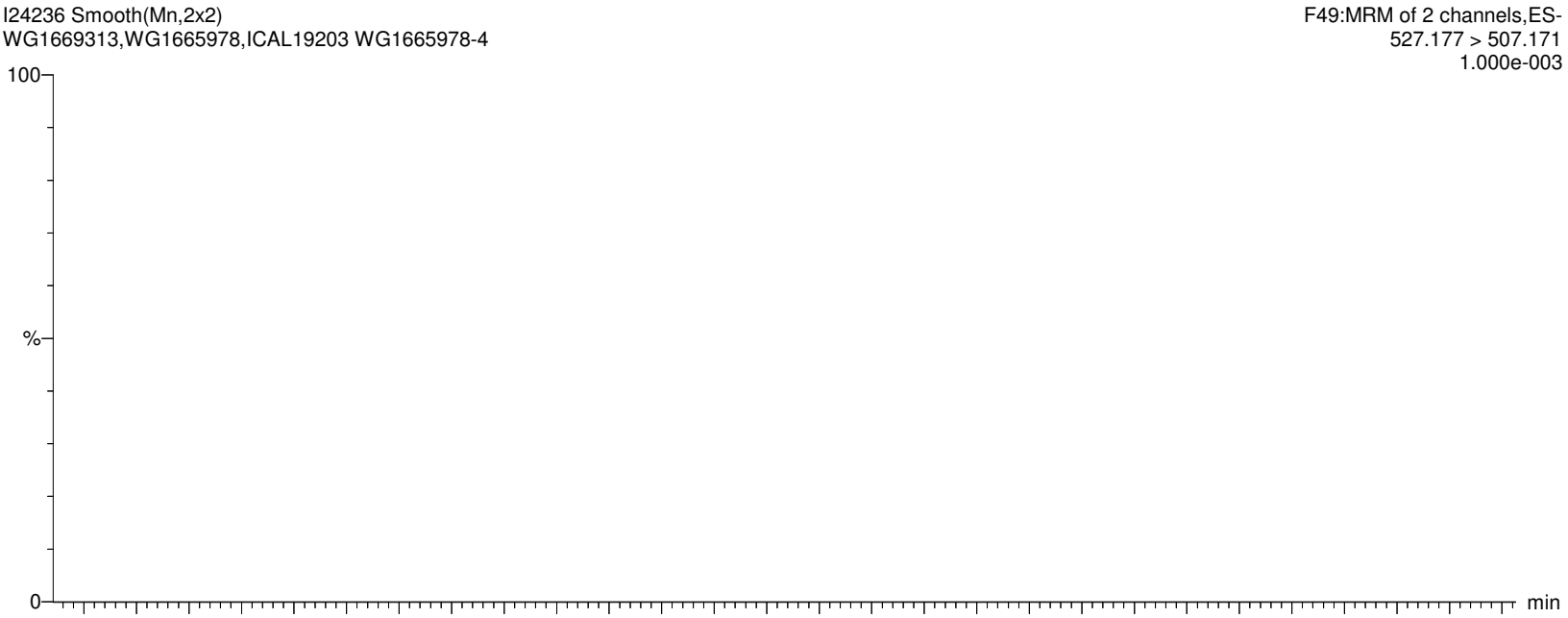


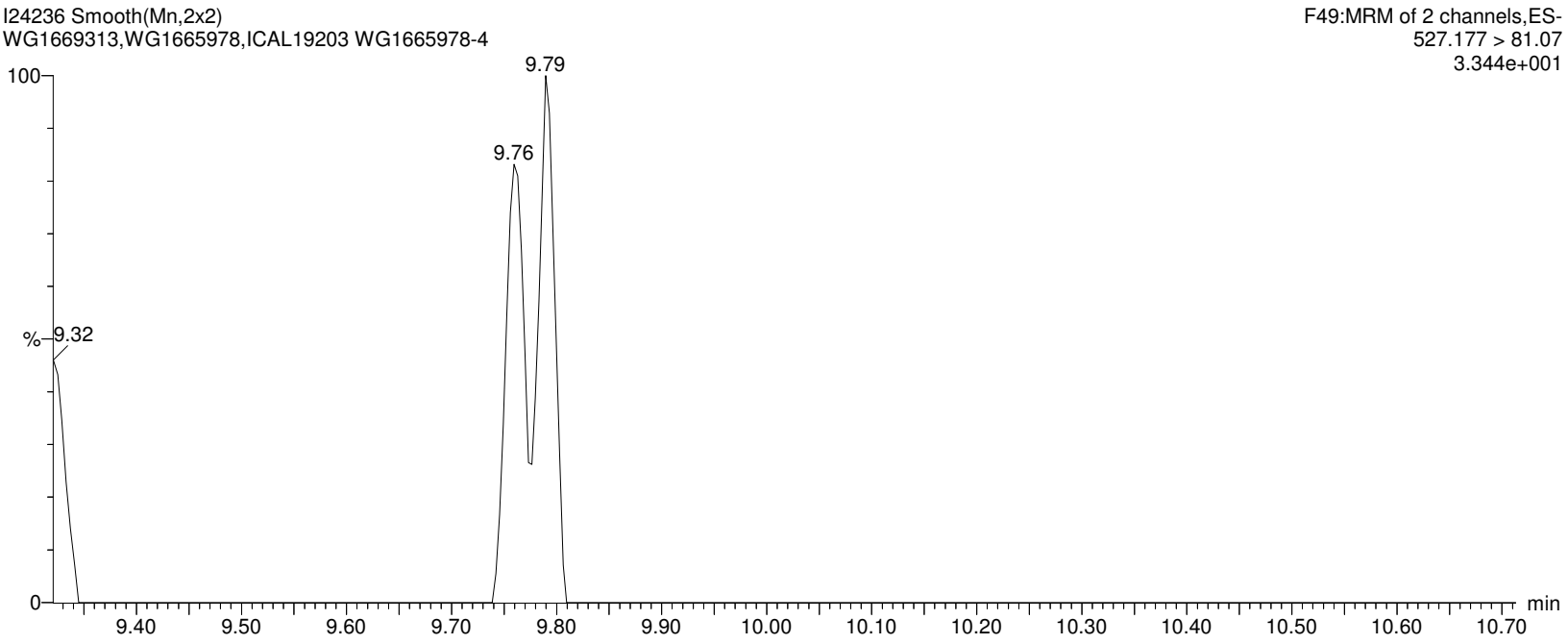
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:31 Eastern Daylight Time

Name: I24236
ID: WG1665978-4
Date: 31-Jul-2022
Time: 01:24:31
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

8:2FTS



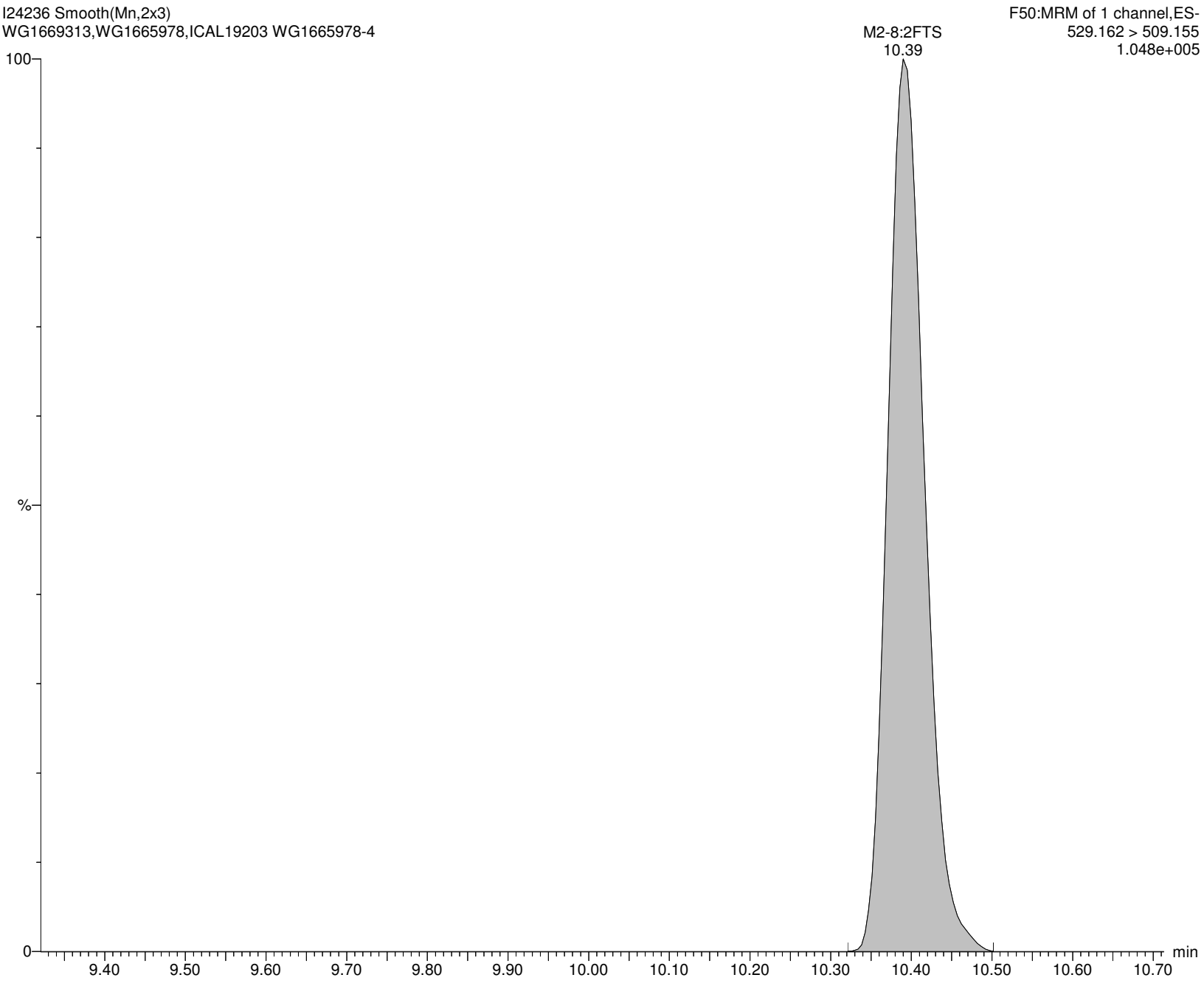


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:31 Eastern Daylight Time

Name: I24236
ID: WG1665978-4
Date: 31-Jul-2022
Time: 01:24:31
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2-8:2FTS

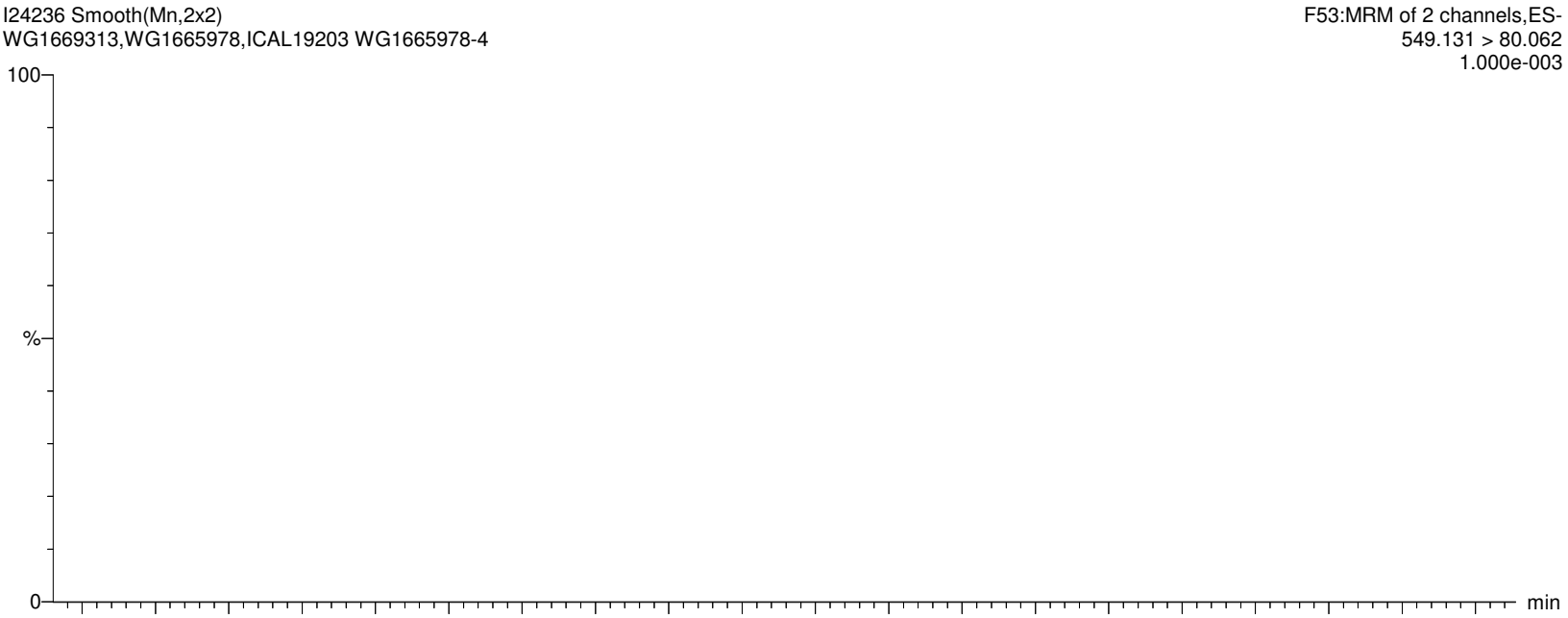


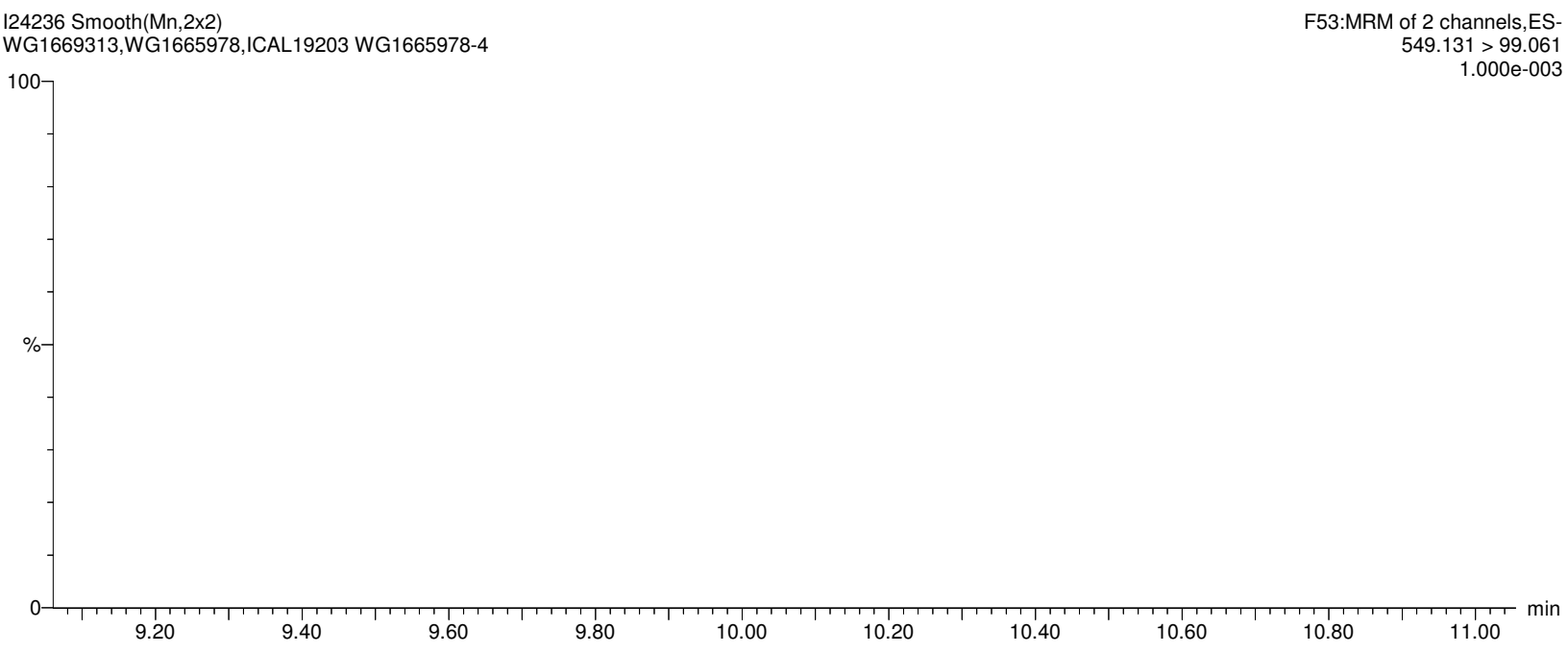
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:31 Eastern Daylight Time

Name: I24236
ID: WG1665978-4
Date: 31-Jul-2022
Time: 01:24:31
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFNS



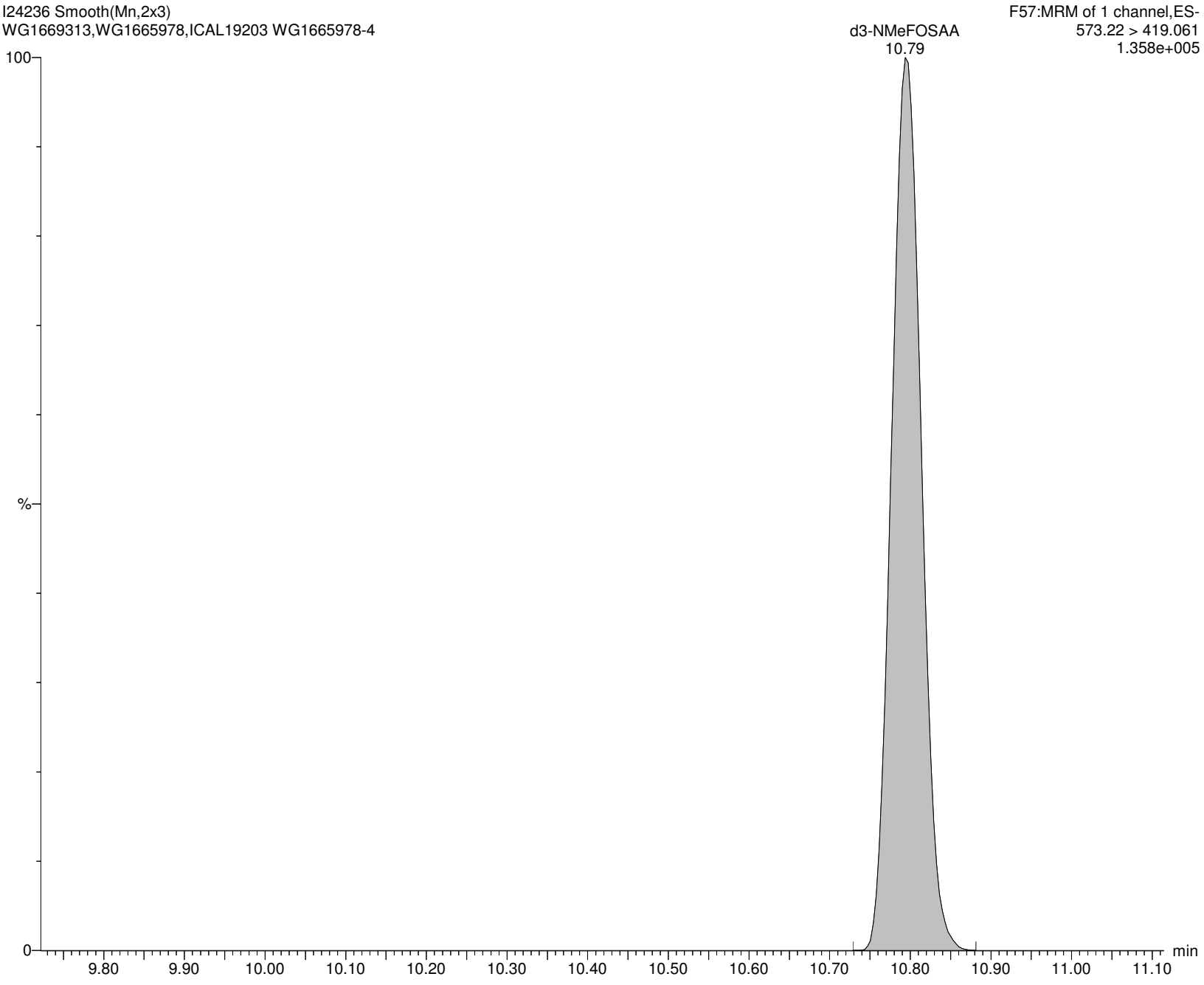


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:31 Eastern Daylight Time

Name: I24236
ID: WG1665978-4
Date: 31-Jul-2022
Time: 01:24:31
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

d3-NMeFOSAA

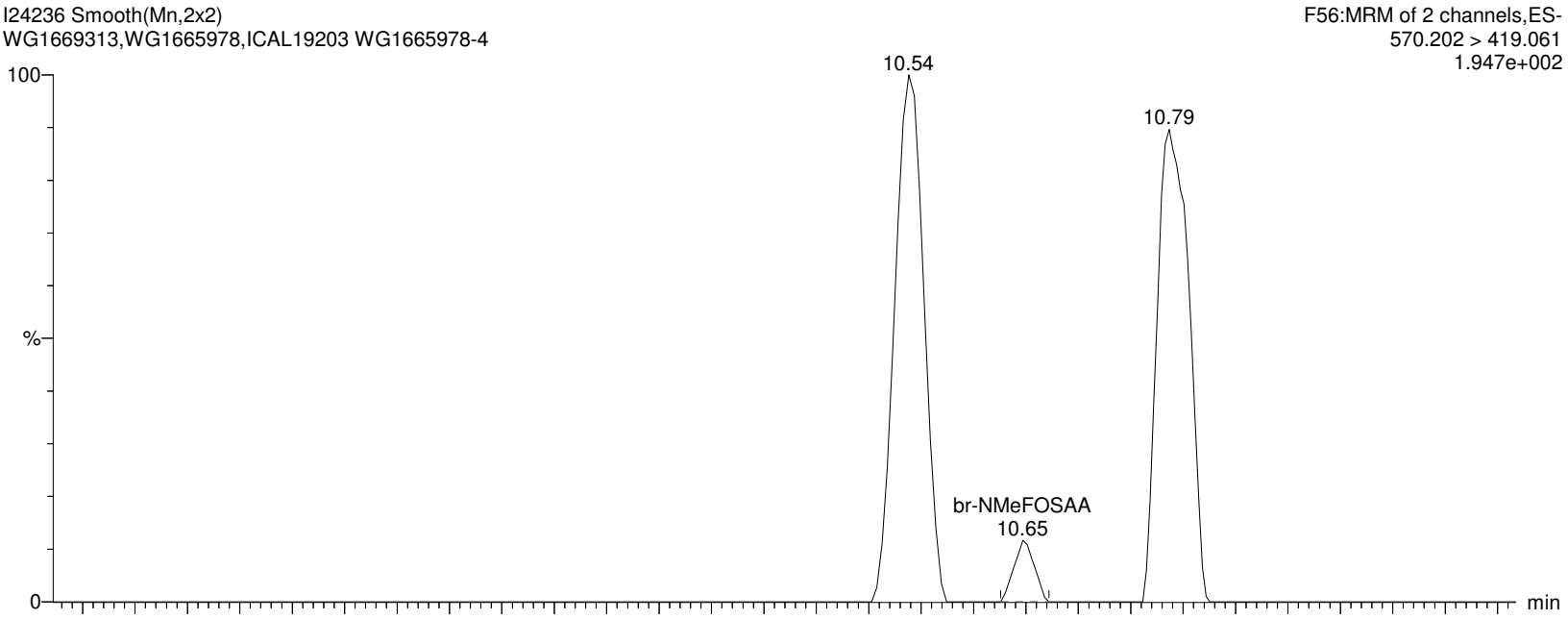


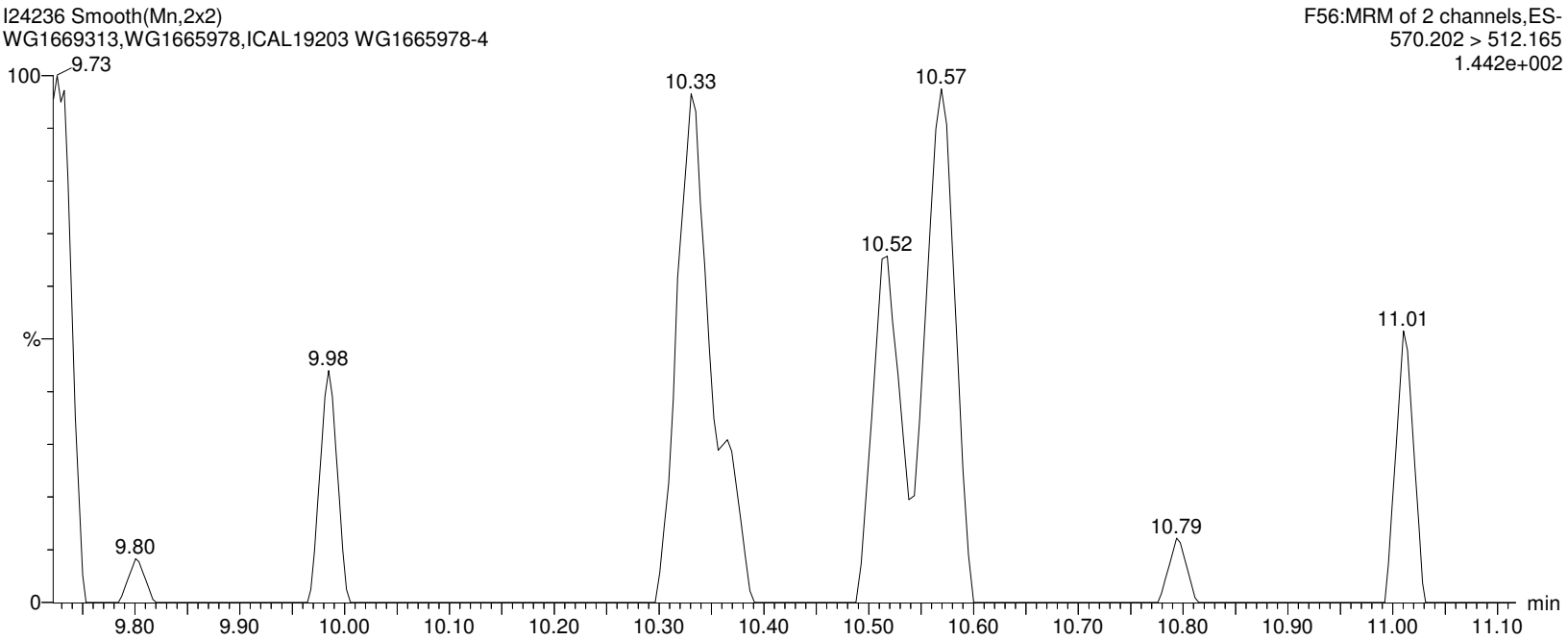
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:31 Eastern Daylight Time

Name: I24236
ID: WG1665978-4
Date: 31-Jul-2022
Time: 01:24:31
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

br-NMeFOSAA



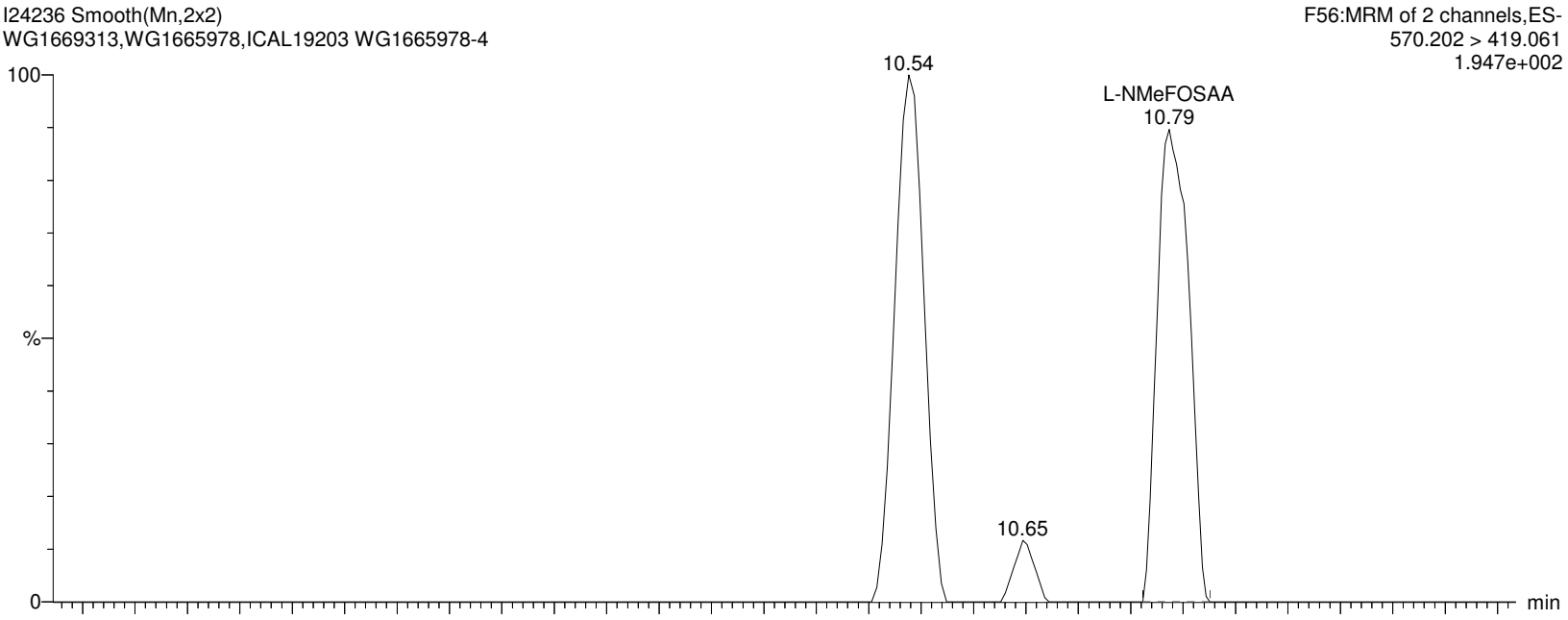


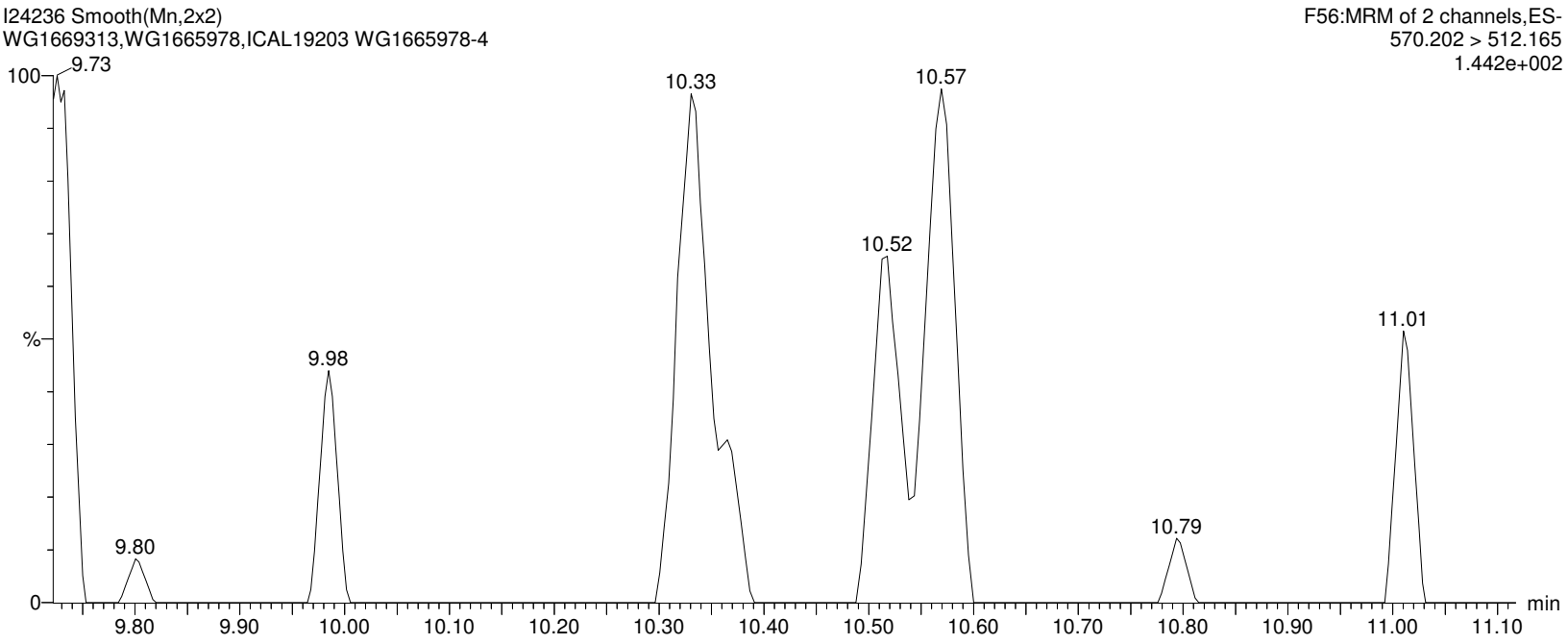
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:31 Eastern Daylight Time

Name: I24236
ID: WG1665978-4
Date: 31-Jul-2022
Time: 01:24:31
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

L-NMeFOSAA



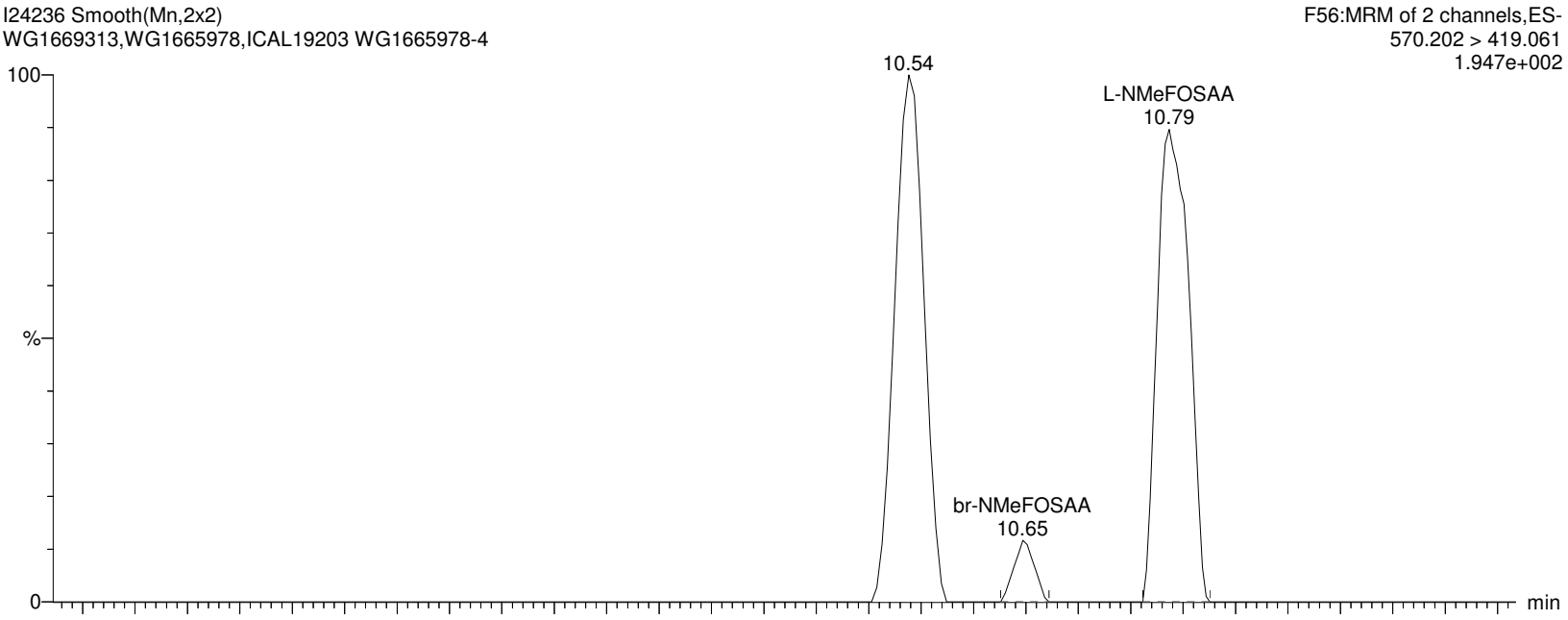


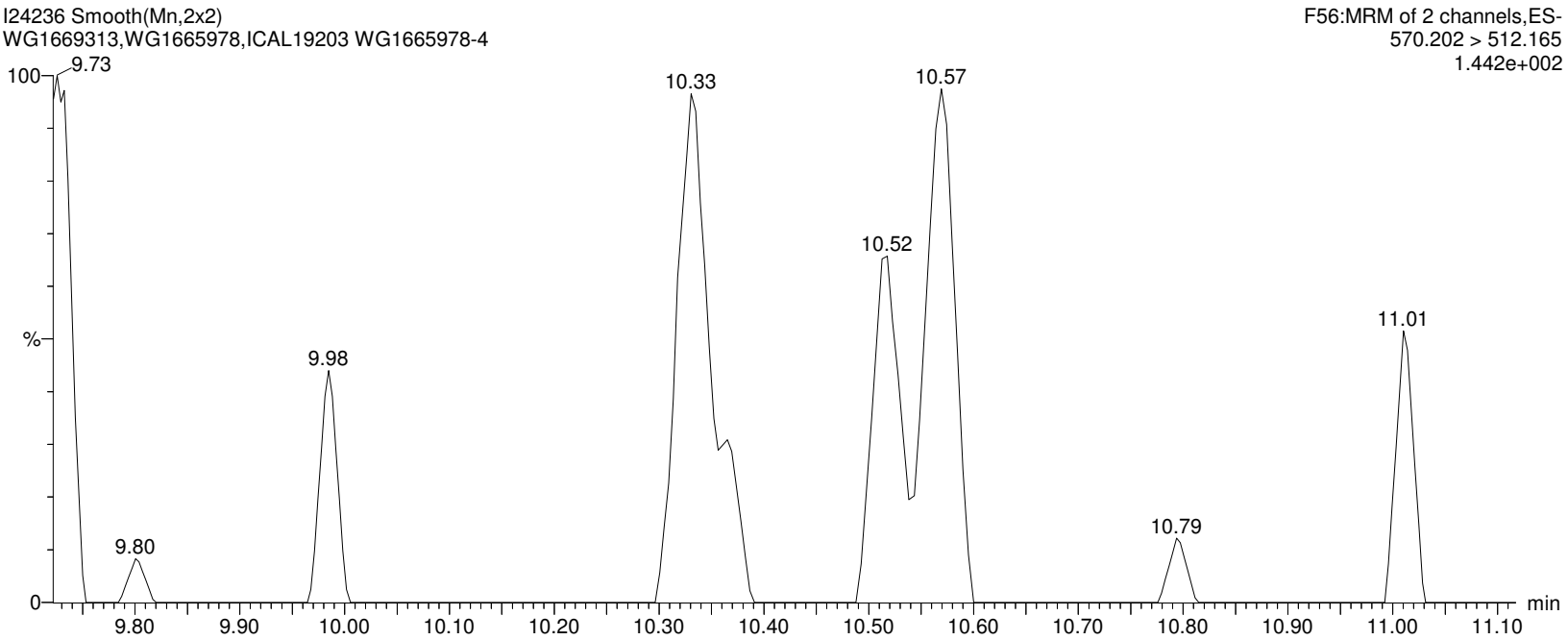
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:31 Eastern Daylight Time

Name: I24236
ID: WG1665978-4
Date: 31-Jul-2022
Time: 01:24:31
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

NMeFOSAA



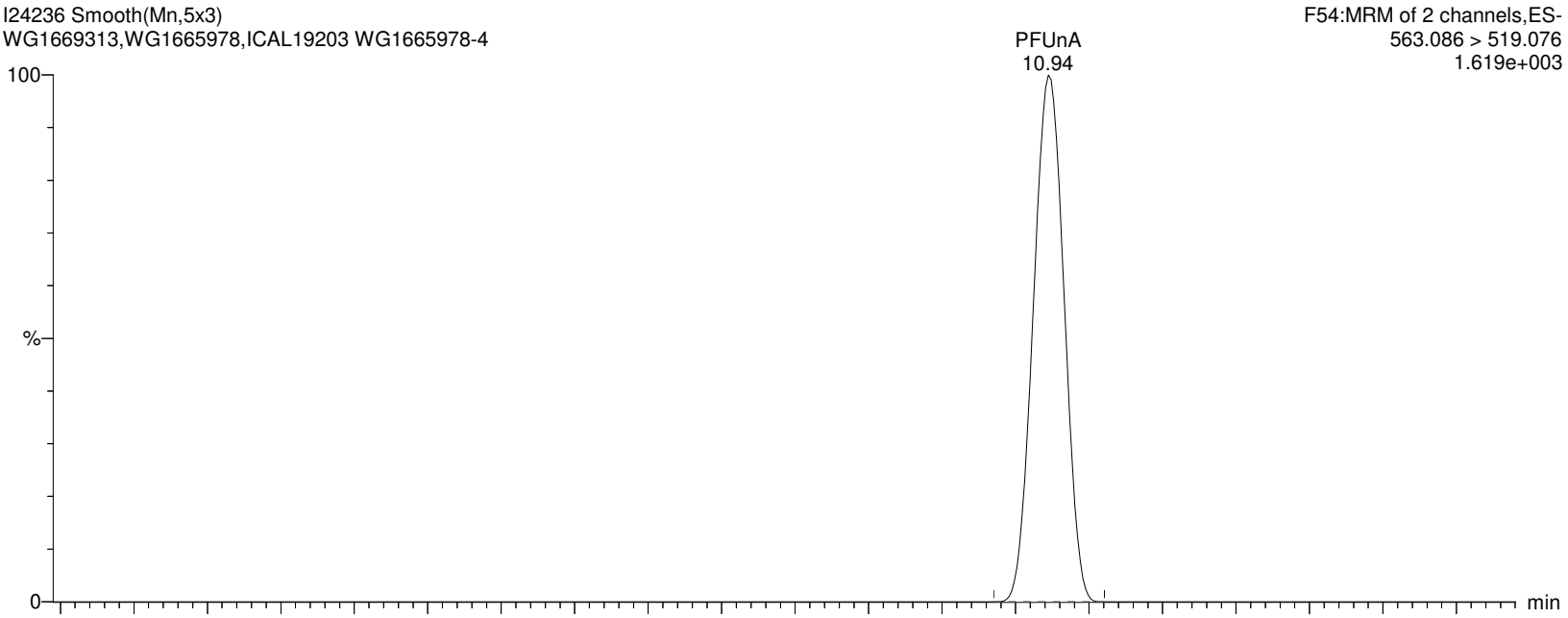


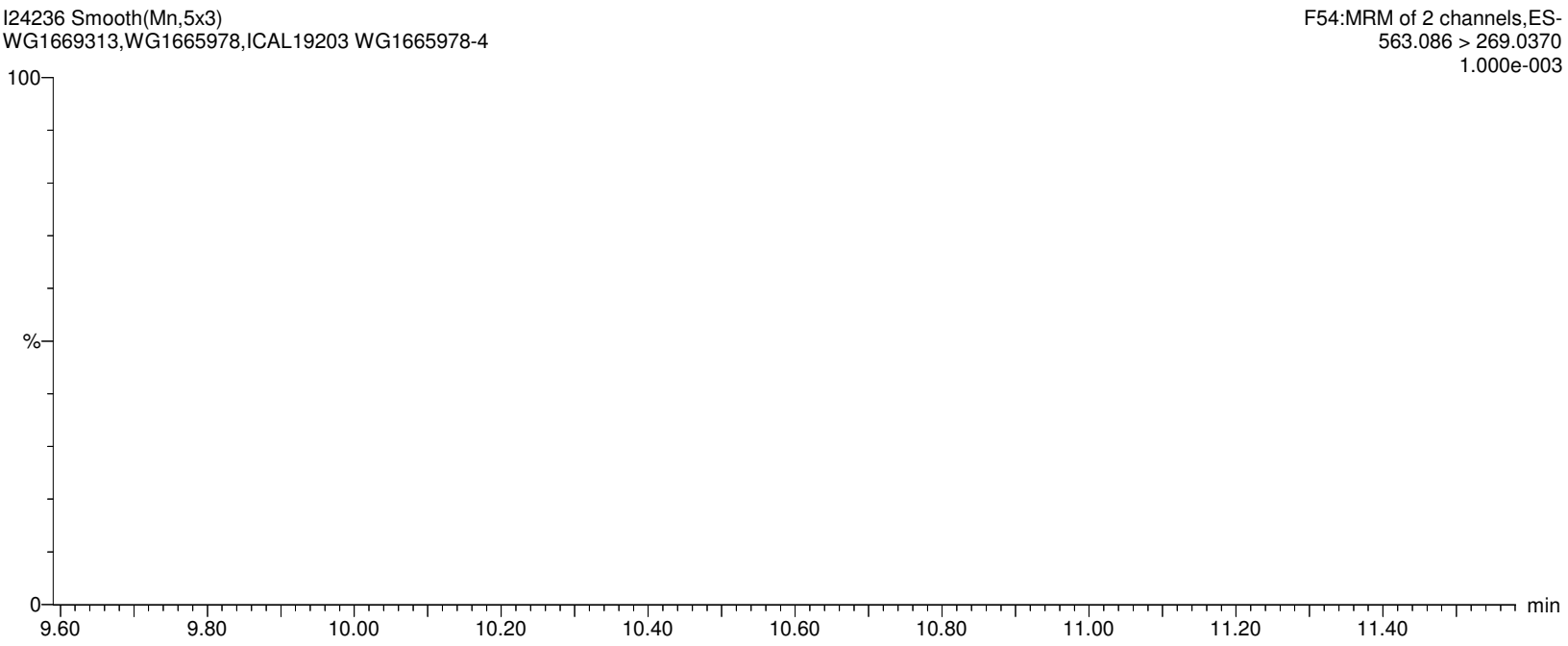
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:31 Eastern Daylight Time

Name: I24236
ID: WG1665978-4
Date: 31-Jul-2022
Time: 01:24:31
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFUnA



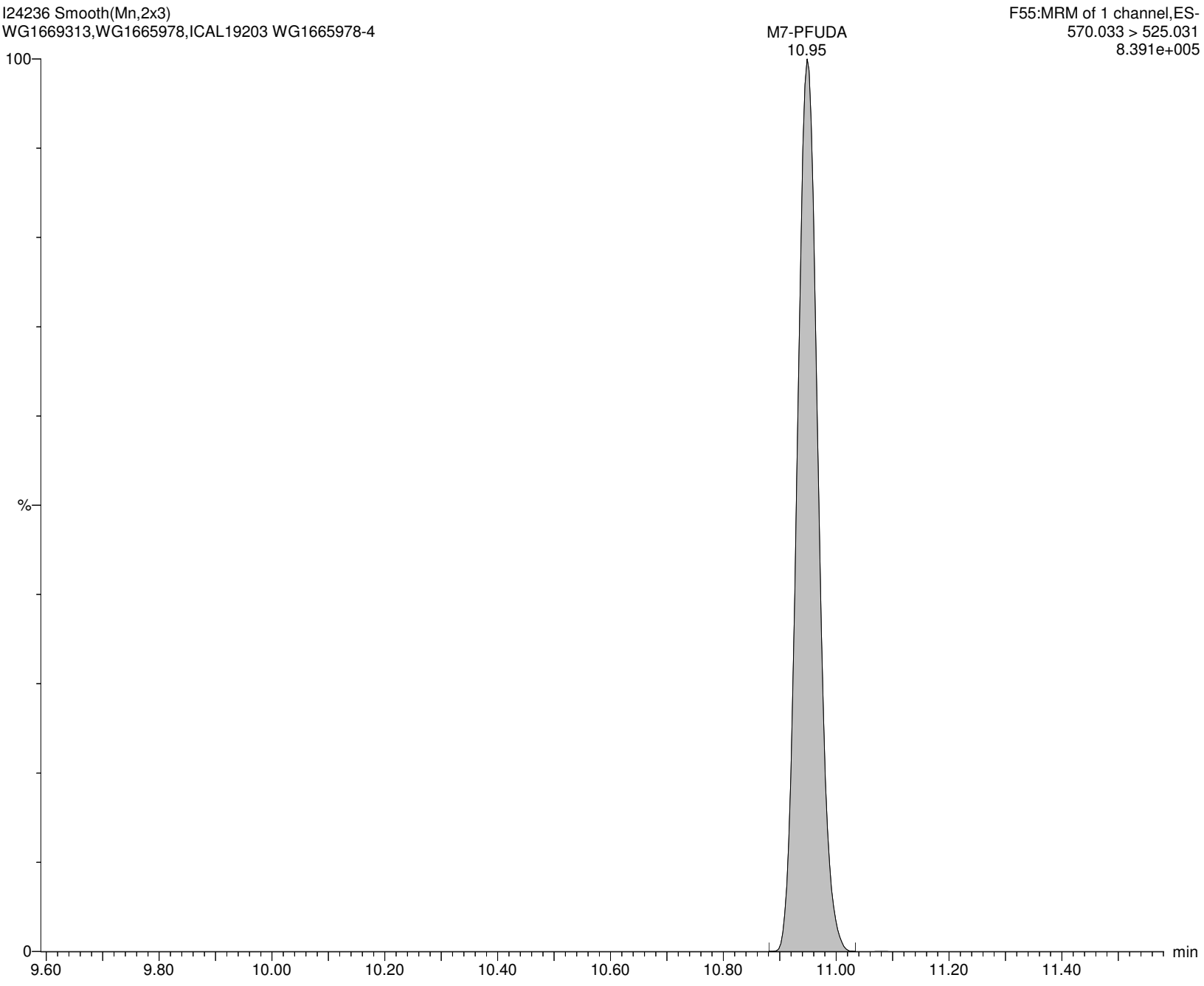


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:31 Eastern Daylight Time

Name: I24236
ID: WG1665978-4
Date: 31-Jul-2022
Time: 01:24:31
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M7-PFUDA

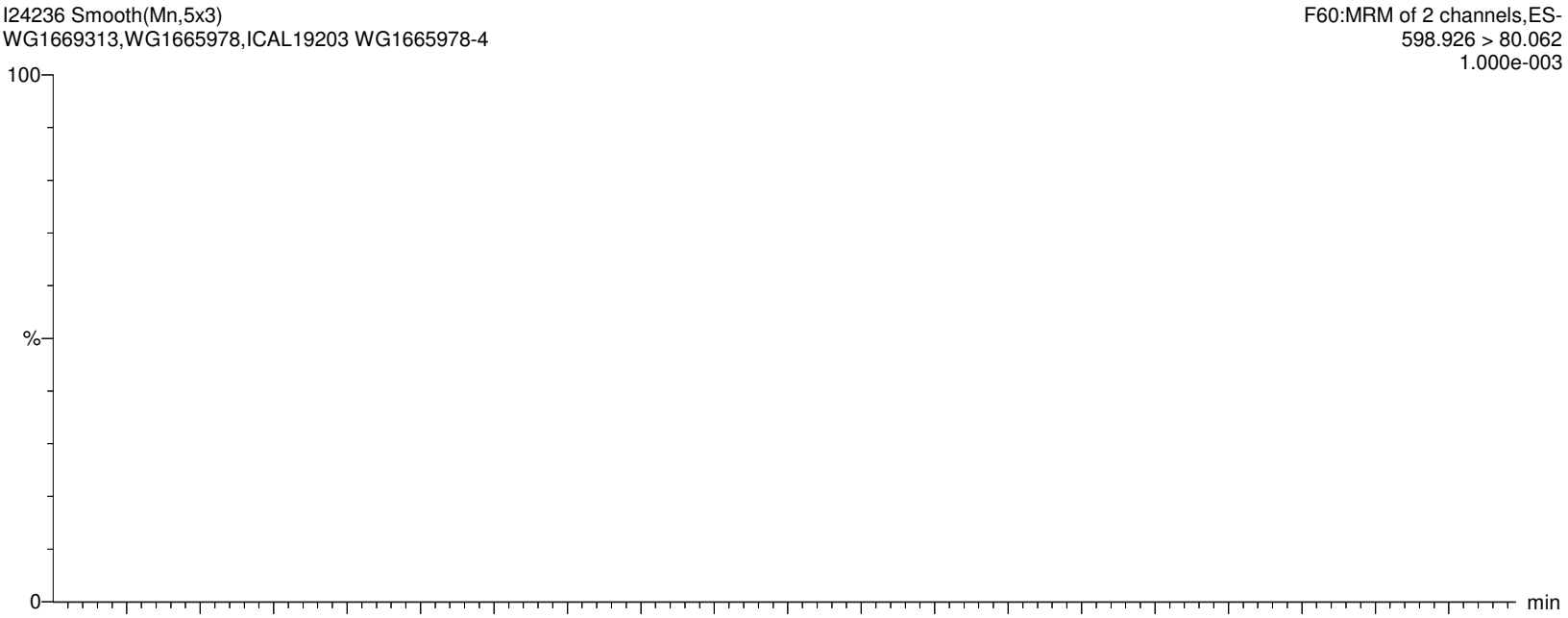


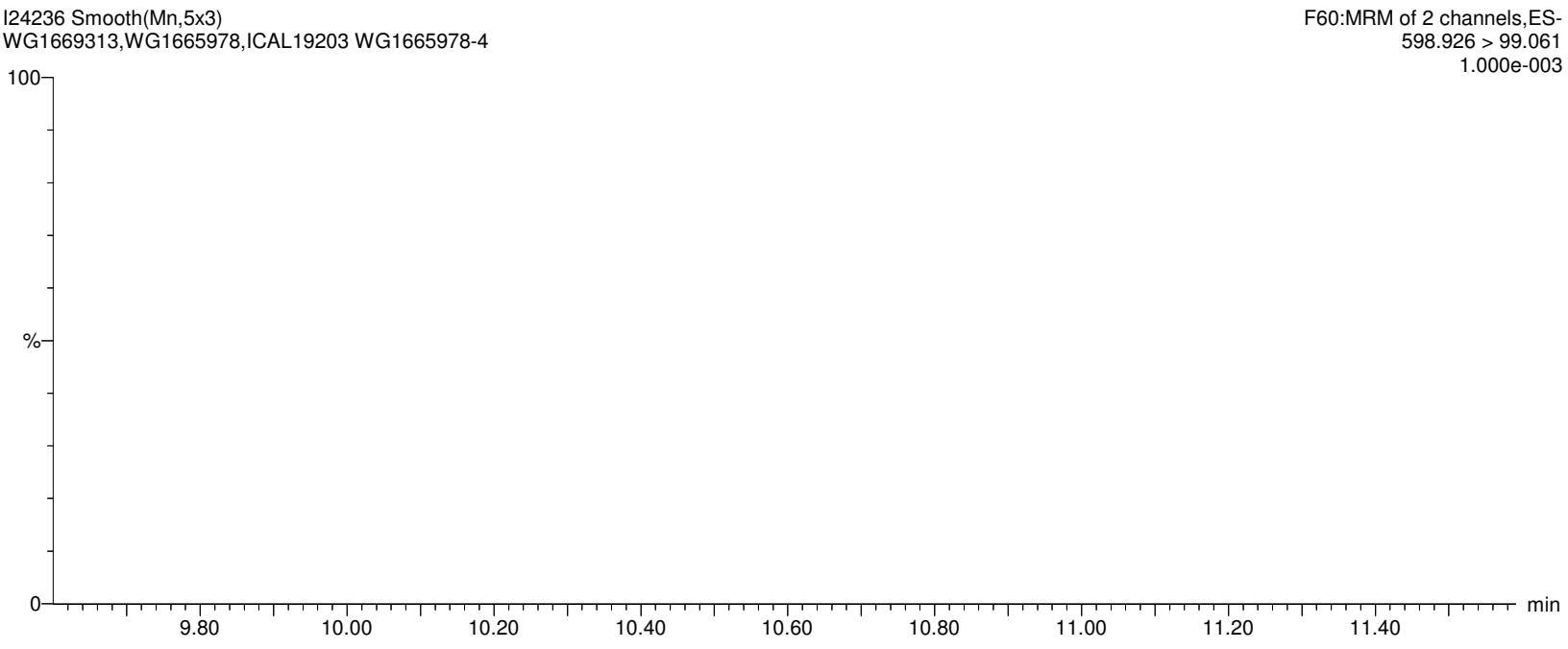
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:31 Eastern Daylight Time

Name: I24236
ID: WG1665978-4
Date: 31-Jul-2022
Time: 01:24:31
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFDS



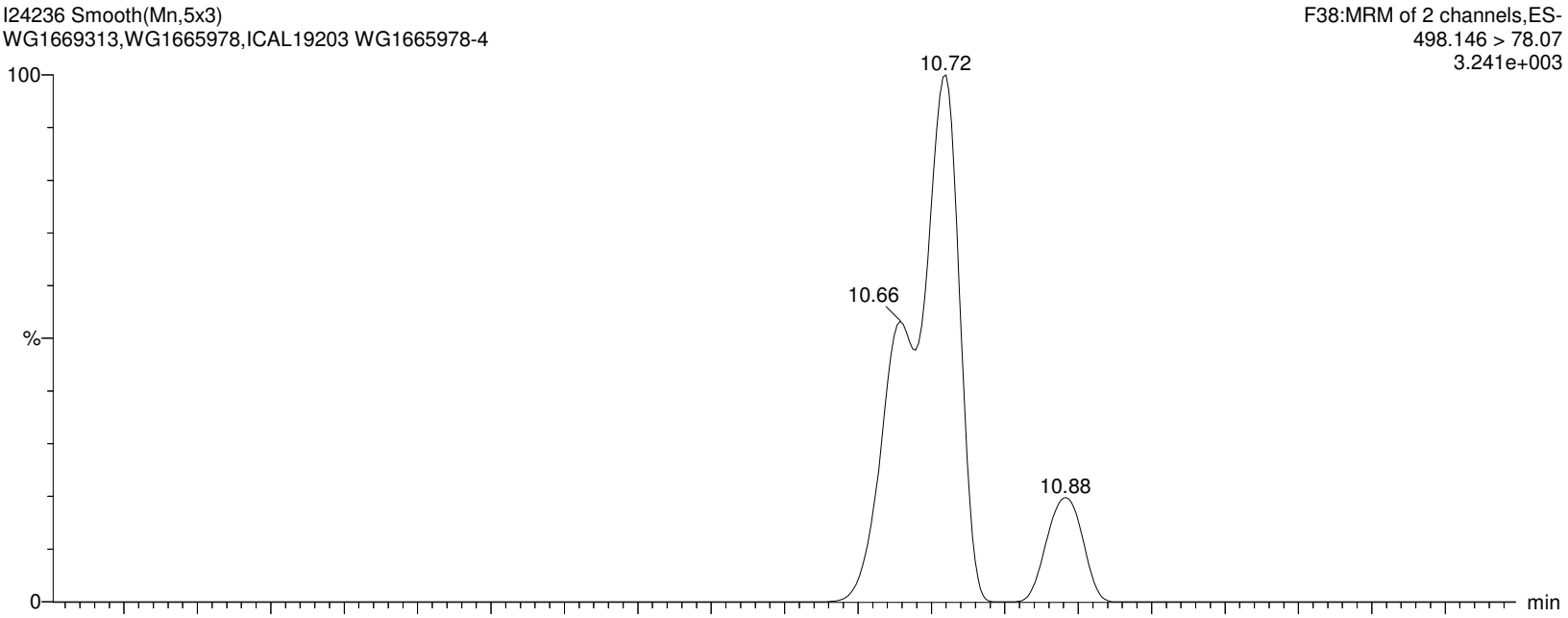


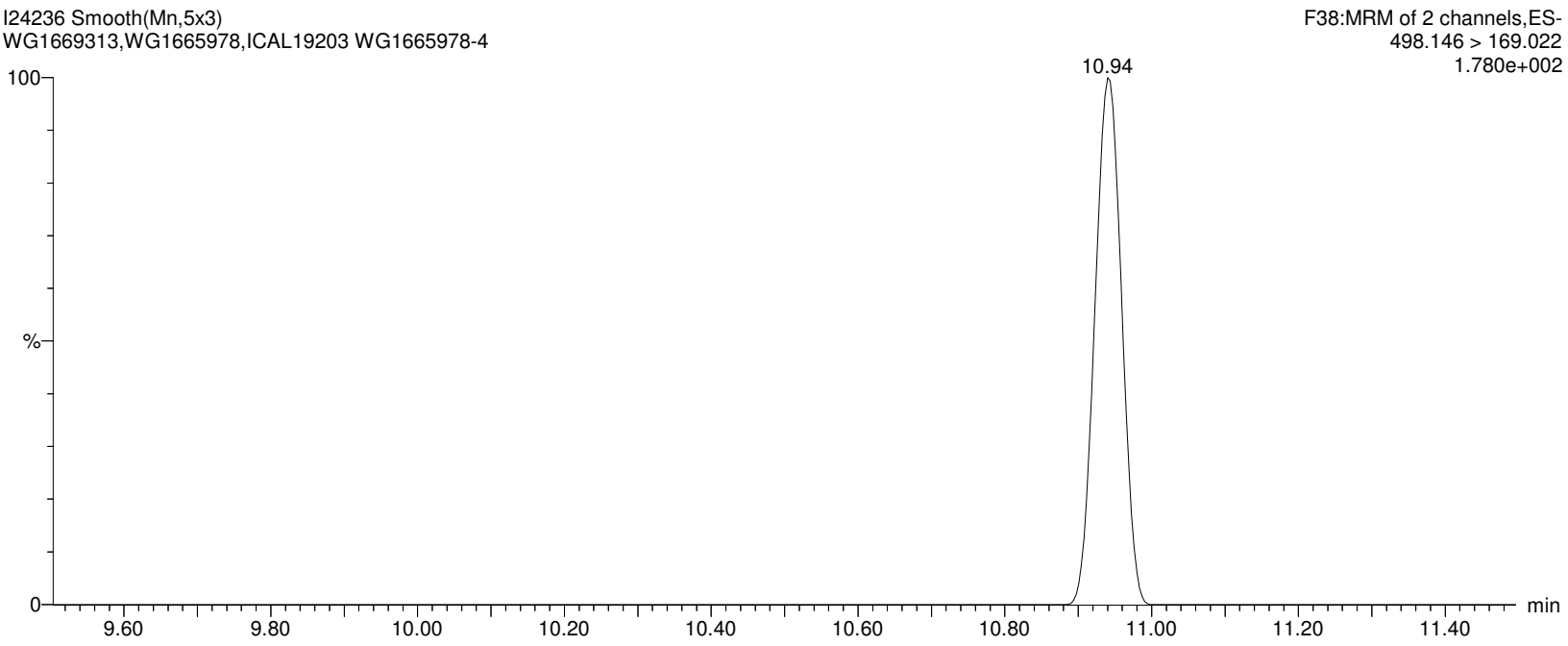
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:31 Eastern Daylight Time

Name: I24236
ID: WG1665978-4
Date: 31-Jul-2022
Time: 01:24:31
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

FOSA



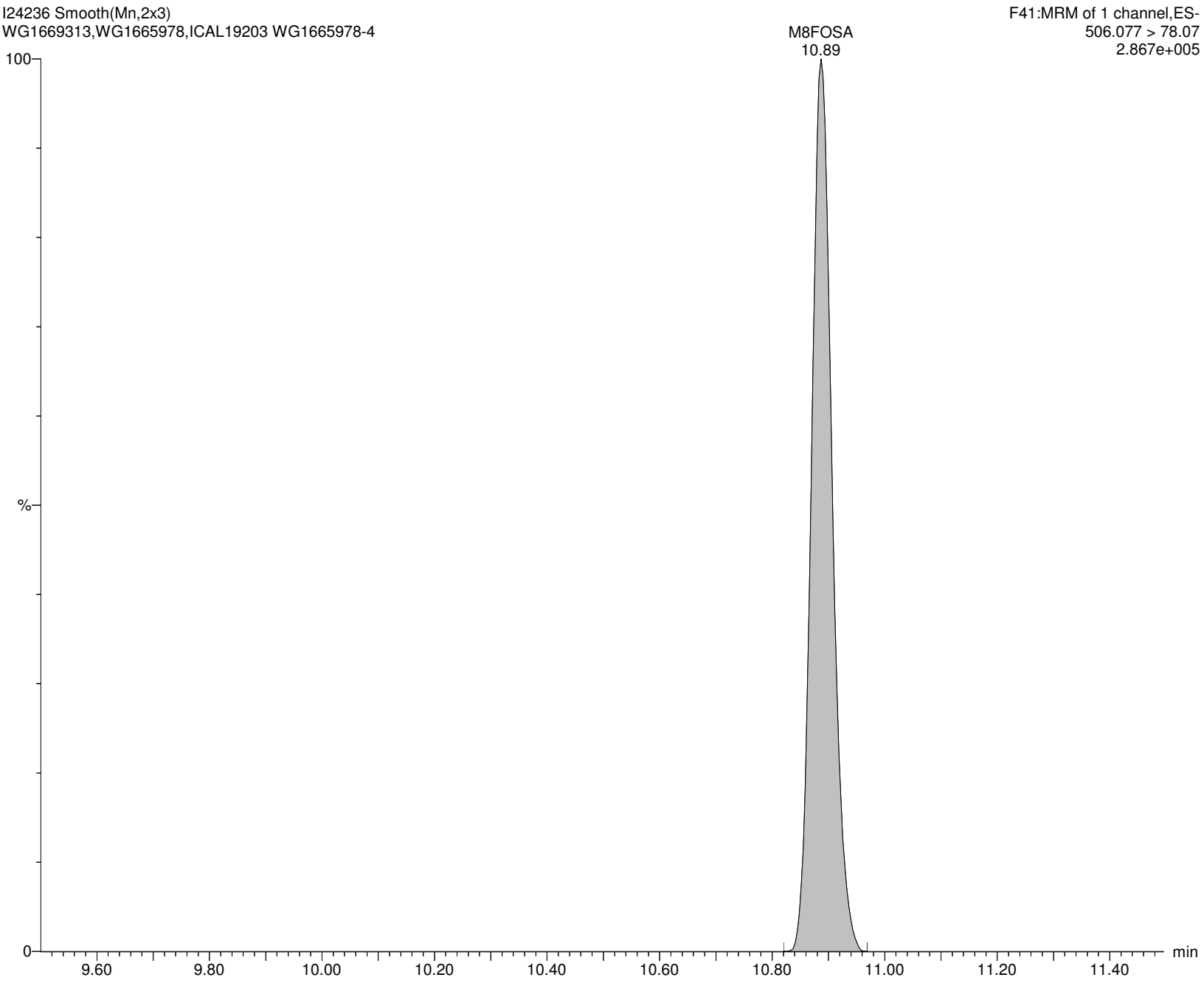


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:31 Eastern Daylight Time

Name: I24236
ID: WG1665978-4
Date: 31-Jul-2022
Time: 01:24:31
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M8FOSA

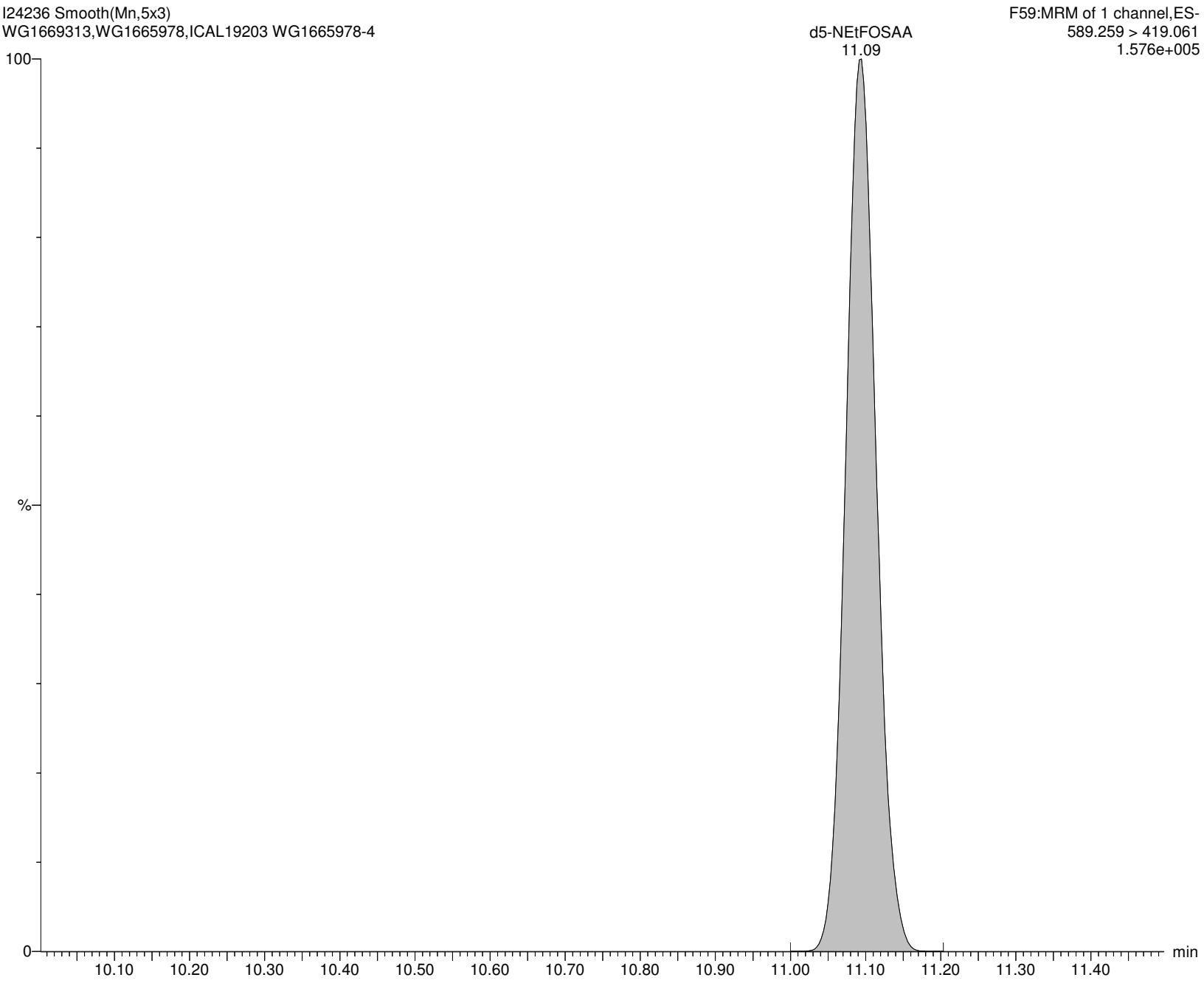


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:31 Eastern Daylight Time

Name: I24236
ID: WG1665978-4
Date: 31-Jul-2022
Time: 01:24:31
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

d5-NEtFOSAA

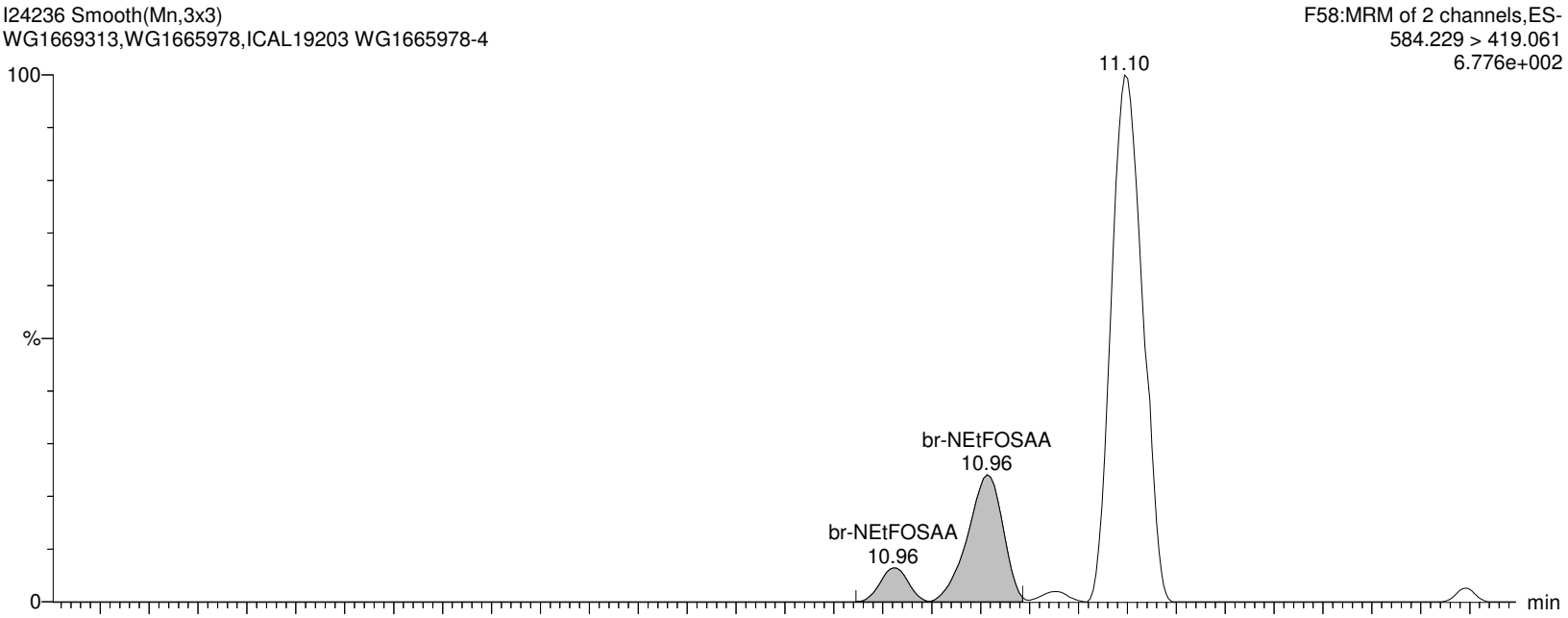


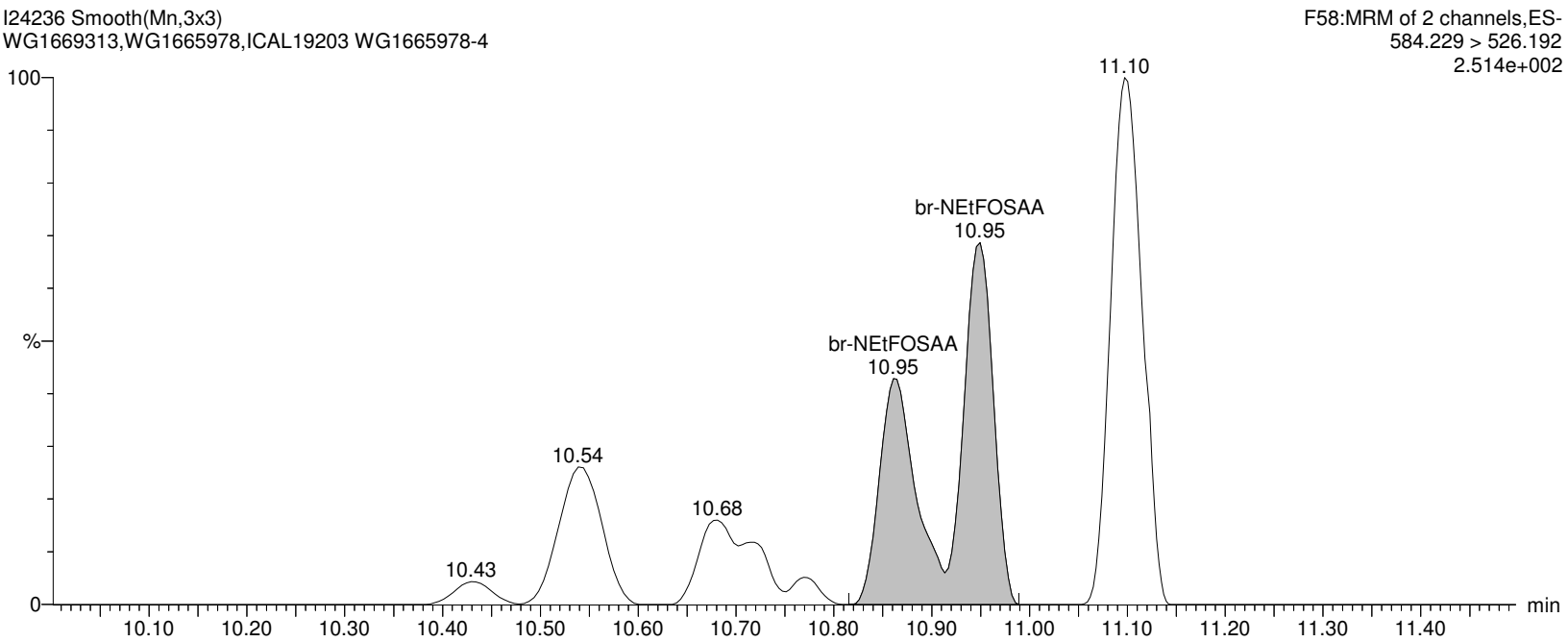
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:31 Eastern Daylight Time

Name: I24236
ID: WG1665978-4
Date: 31-Jul-2022
Time: 01:24:31
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

br-NEtFOSAA



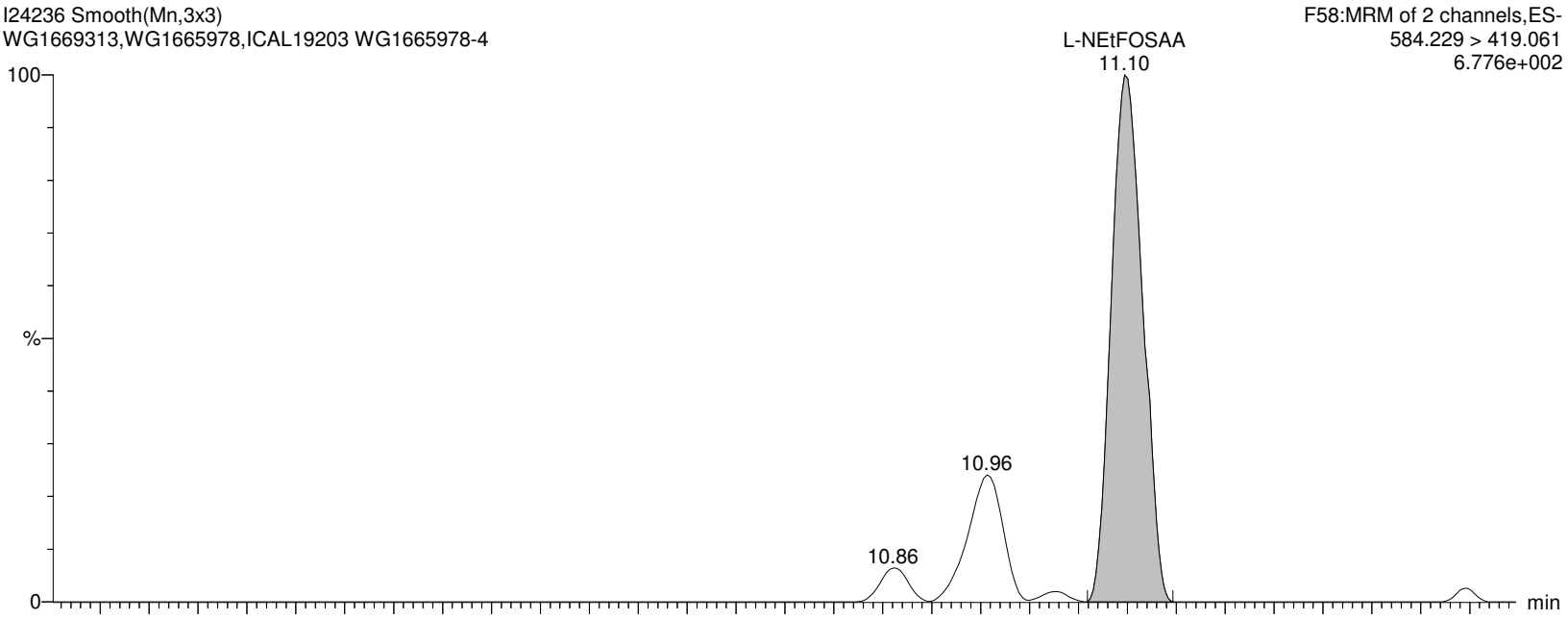


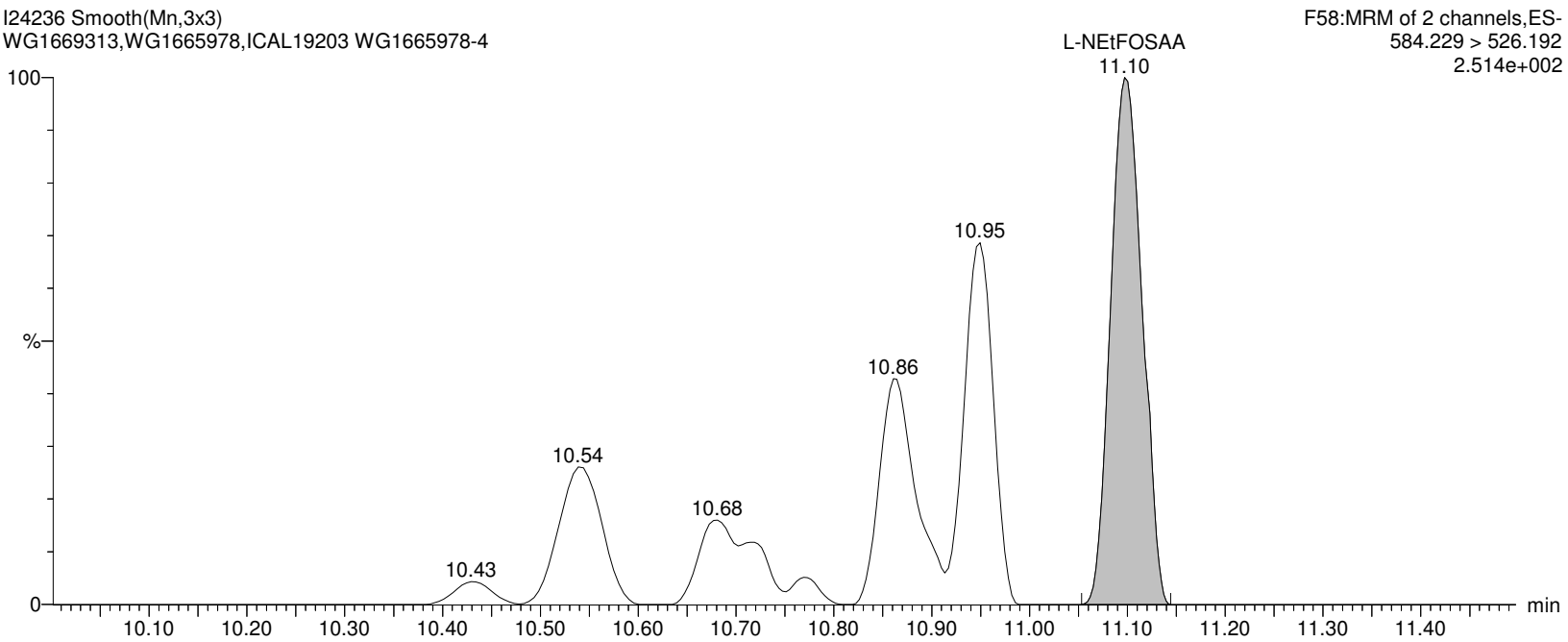
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:31 Eastern Daylight Time

Name: I24236
ID: WG1665978-4
Date: 31-Jul-2022
Time: 01:24:31
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

L-NEtFOSAA



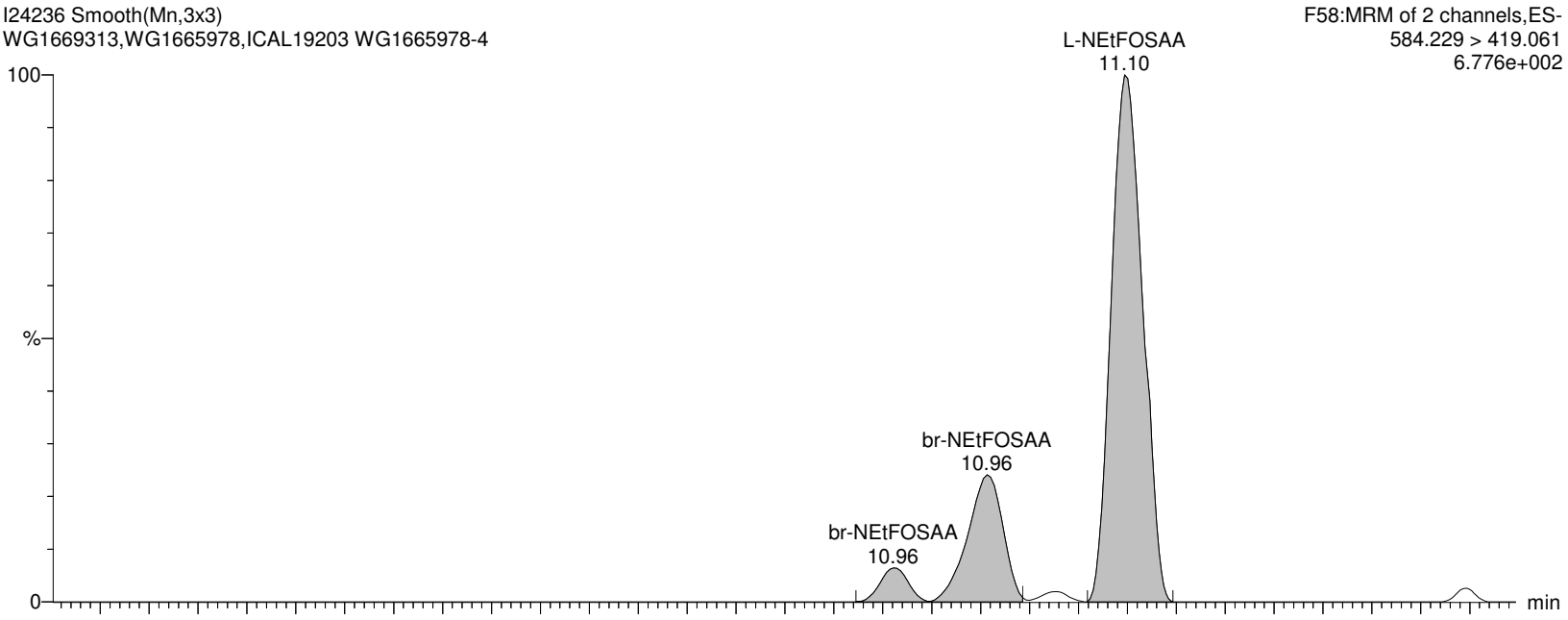


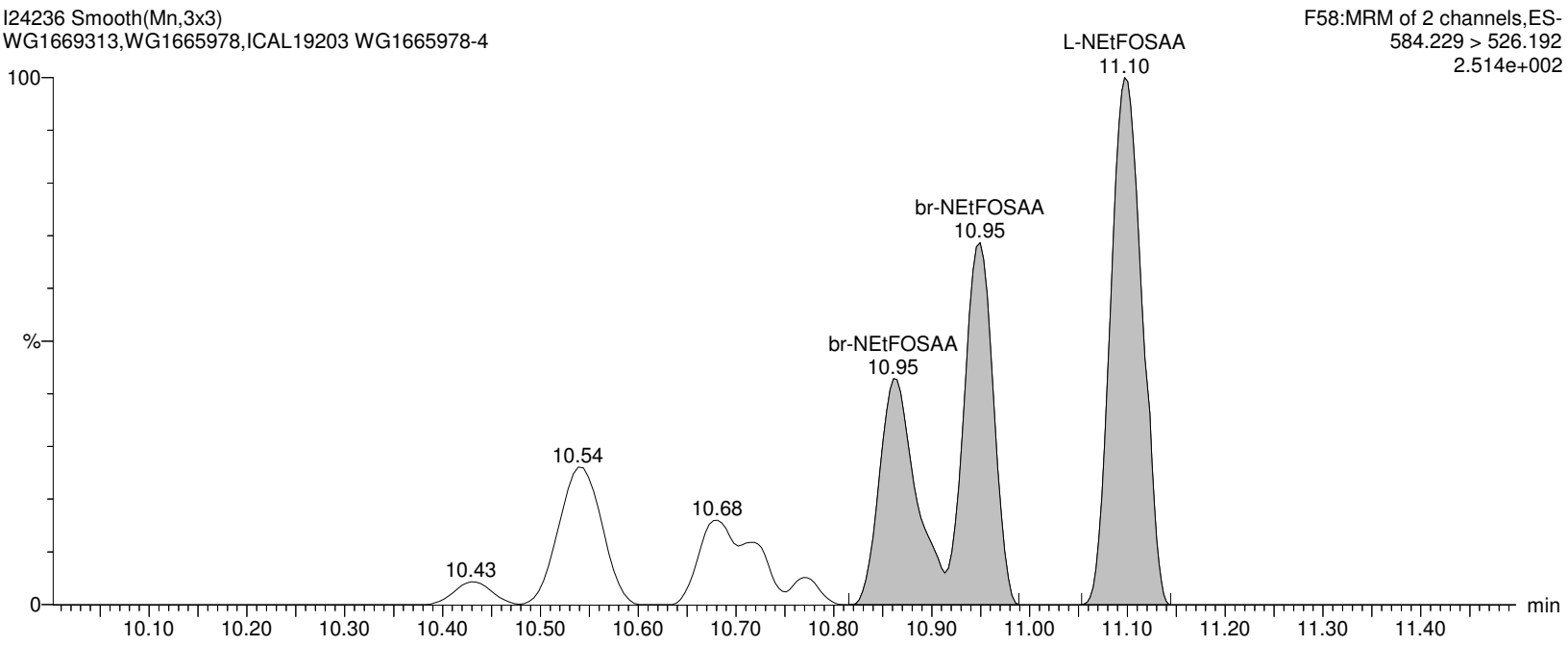
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:31 Eastern Daylight Time

Name: I24236
ID: WG1665978-4
Date: 31-Jul-2022
Time: 01:24:31
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

NEtFOSAA



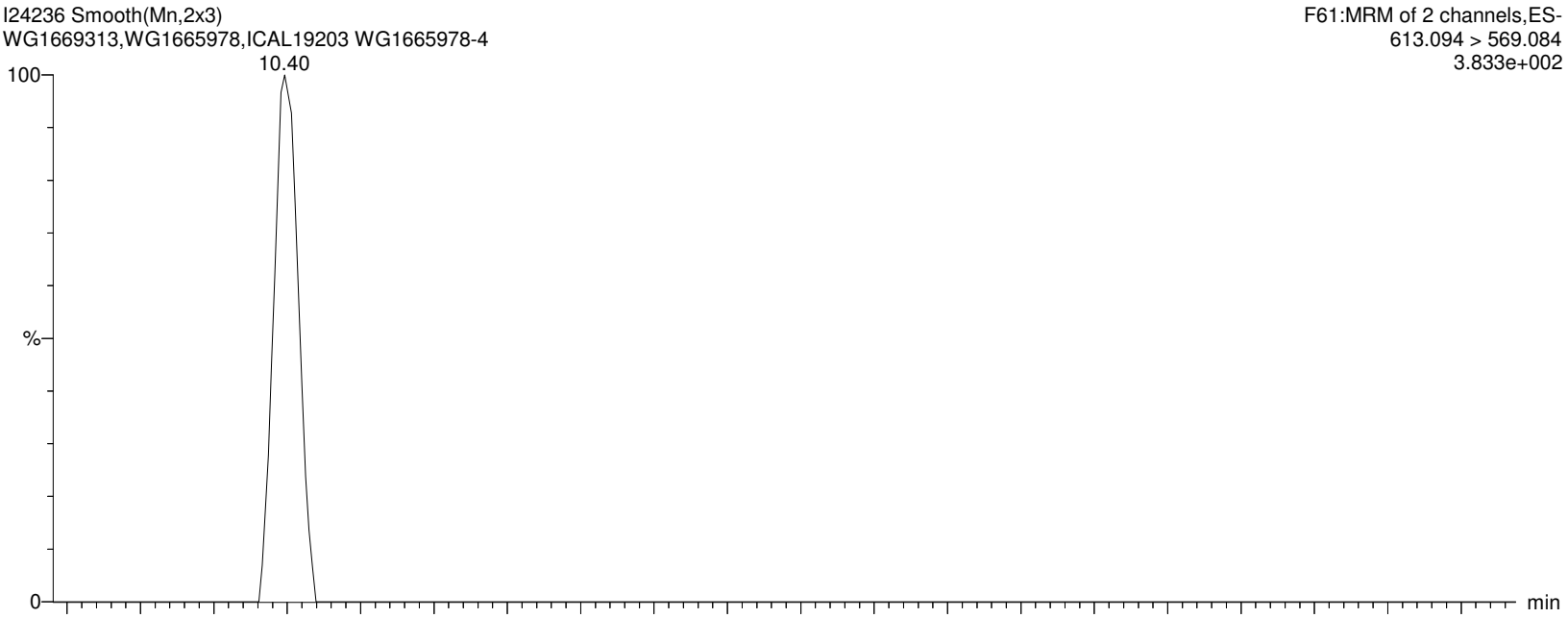


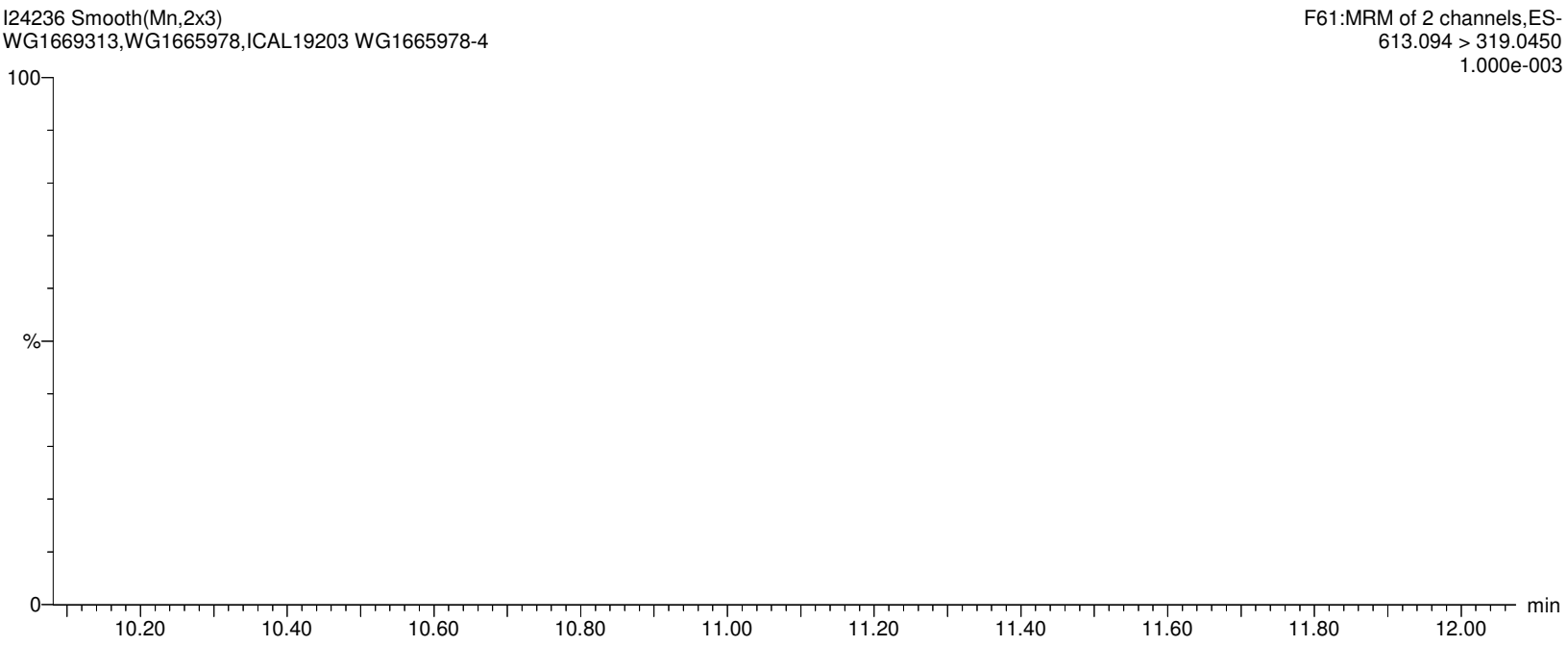
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:31 Eastern Daylight Time

Name: I24236
ID: WG1665978-4
Date: 31-Jul-2022
Time: 01:24:31
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFDoA



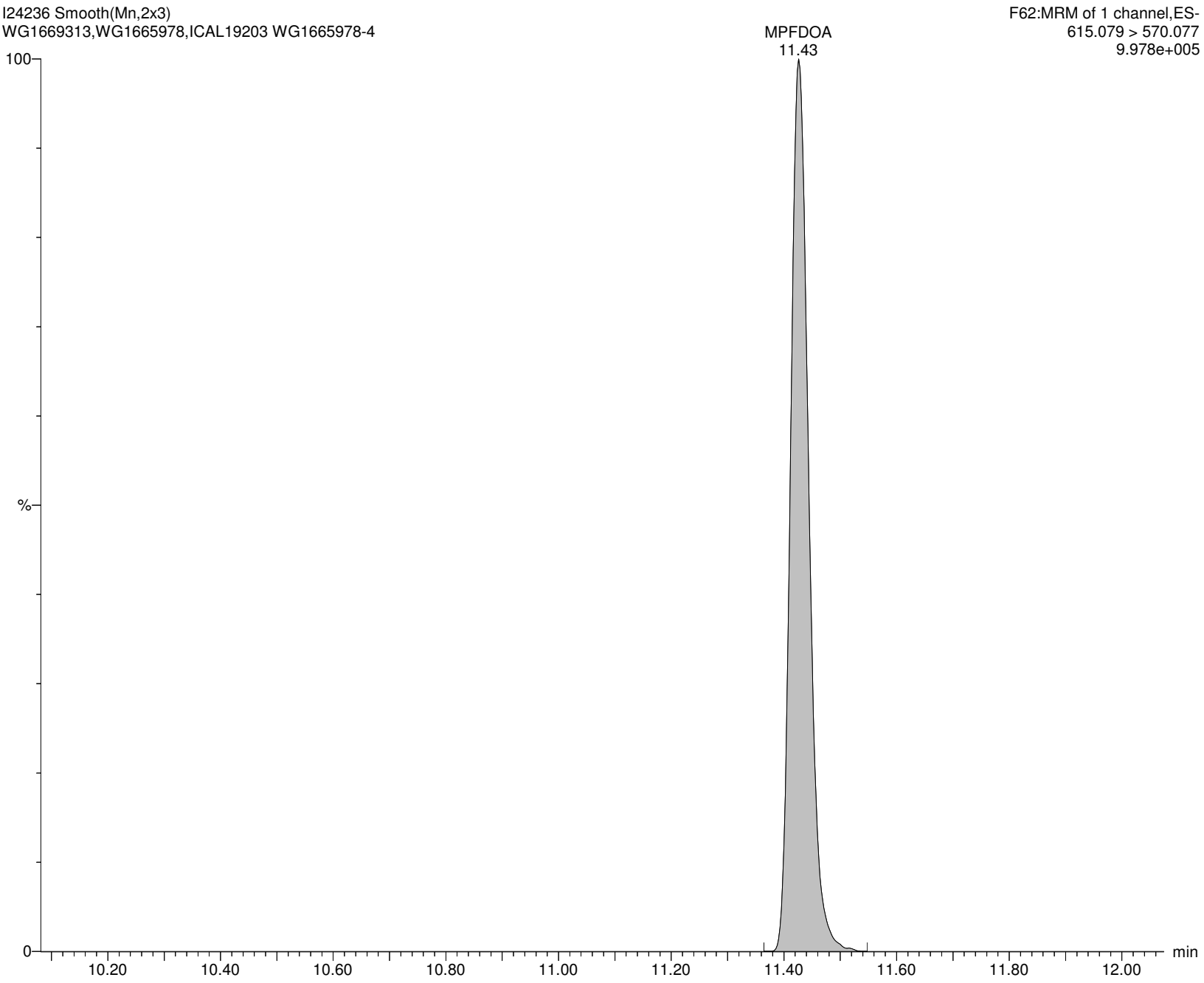


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:31 Eastern Daylight Time

Name: I24236
ID: WG1665978-4
Date: 31-Jul-2022
Time: 01:24:31
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

MPFDOA

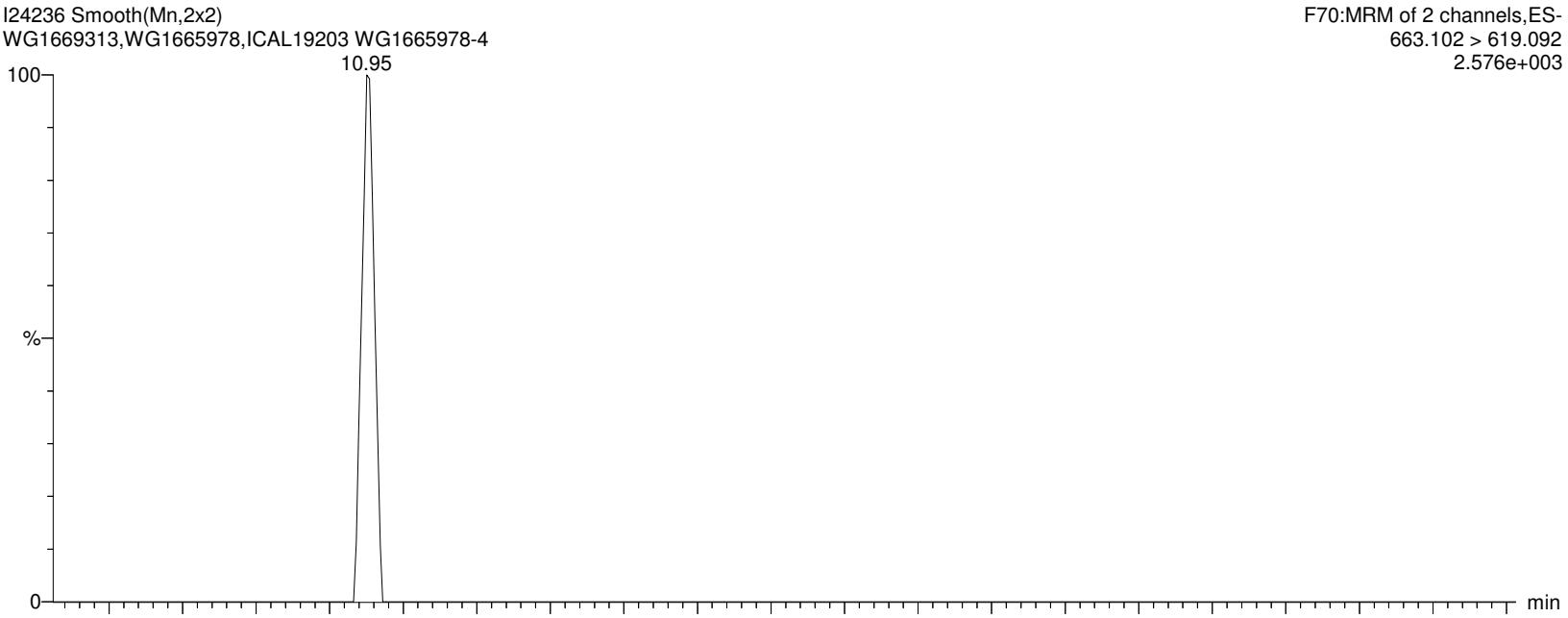


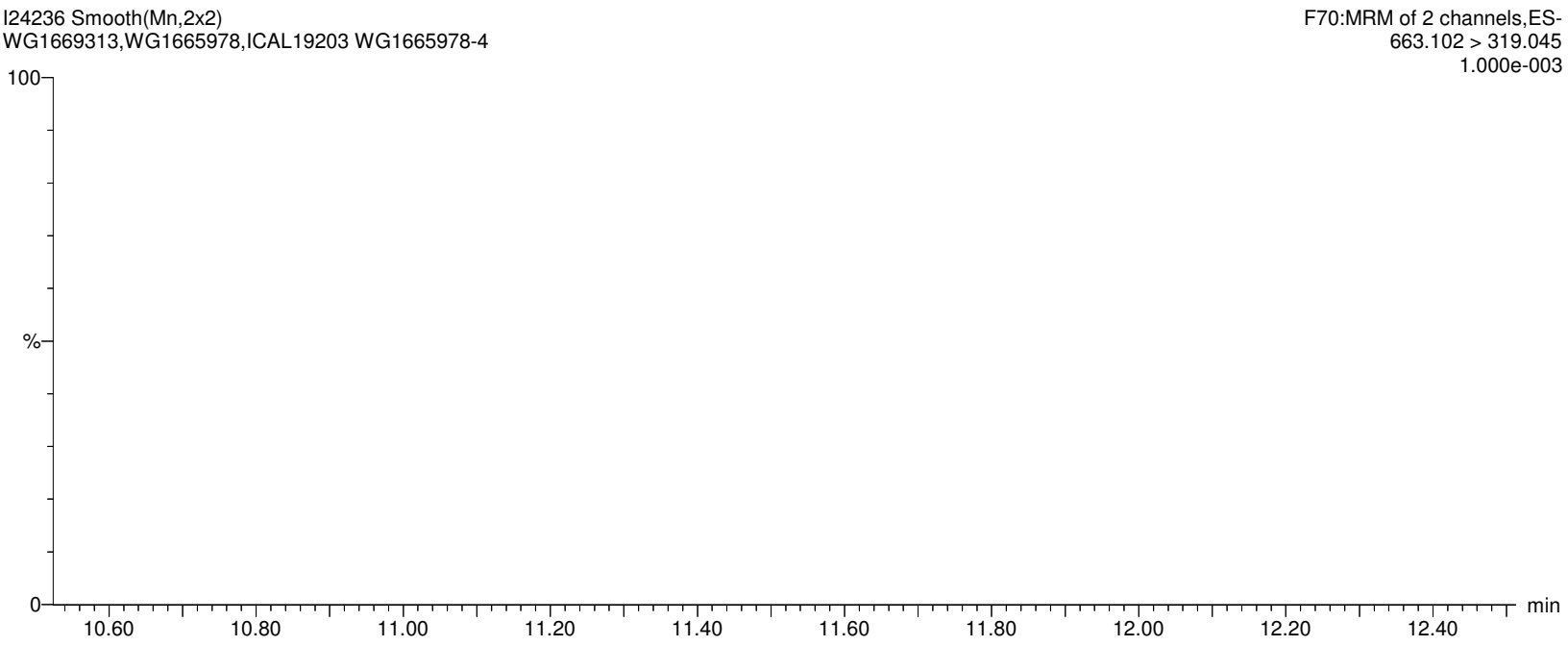
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:31 Eastern Daylight Time

Name: I24236
ID: WG1665978-4
Date: 31-Jul-2022
Time: 01:24:31
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFTrDA



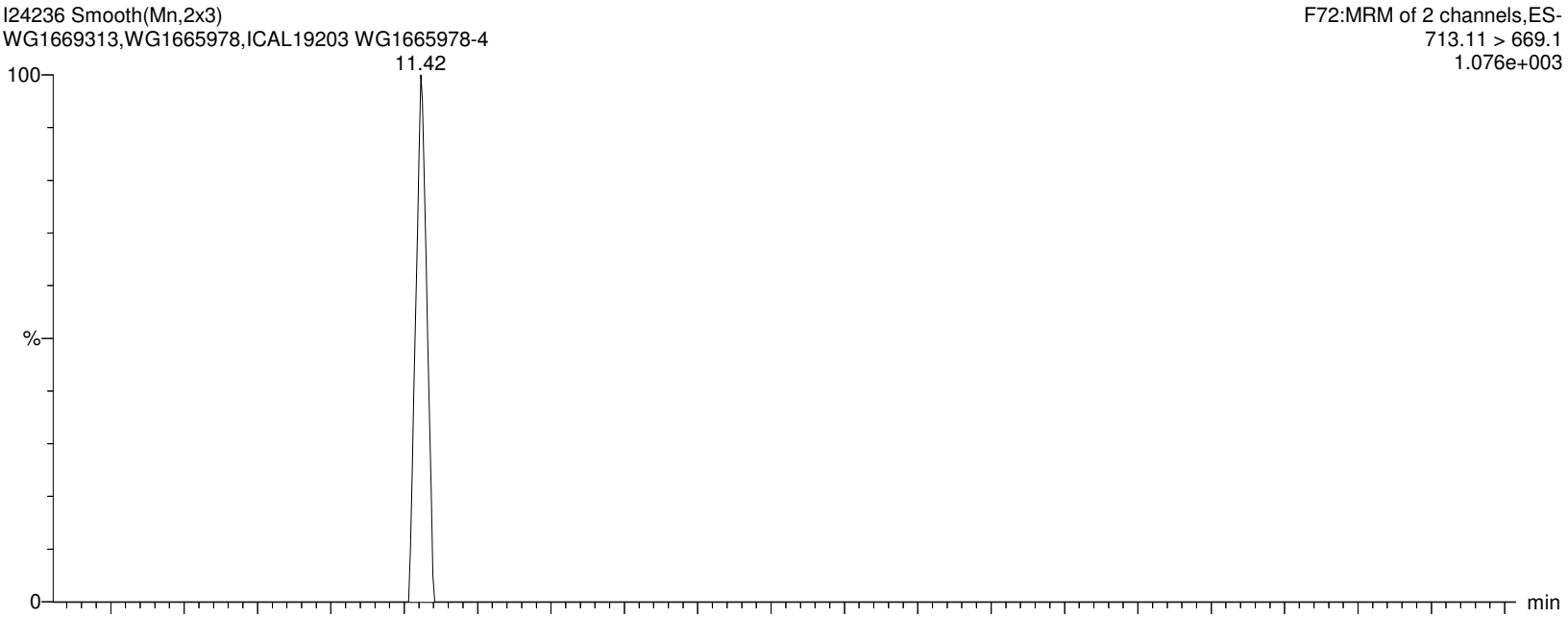


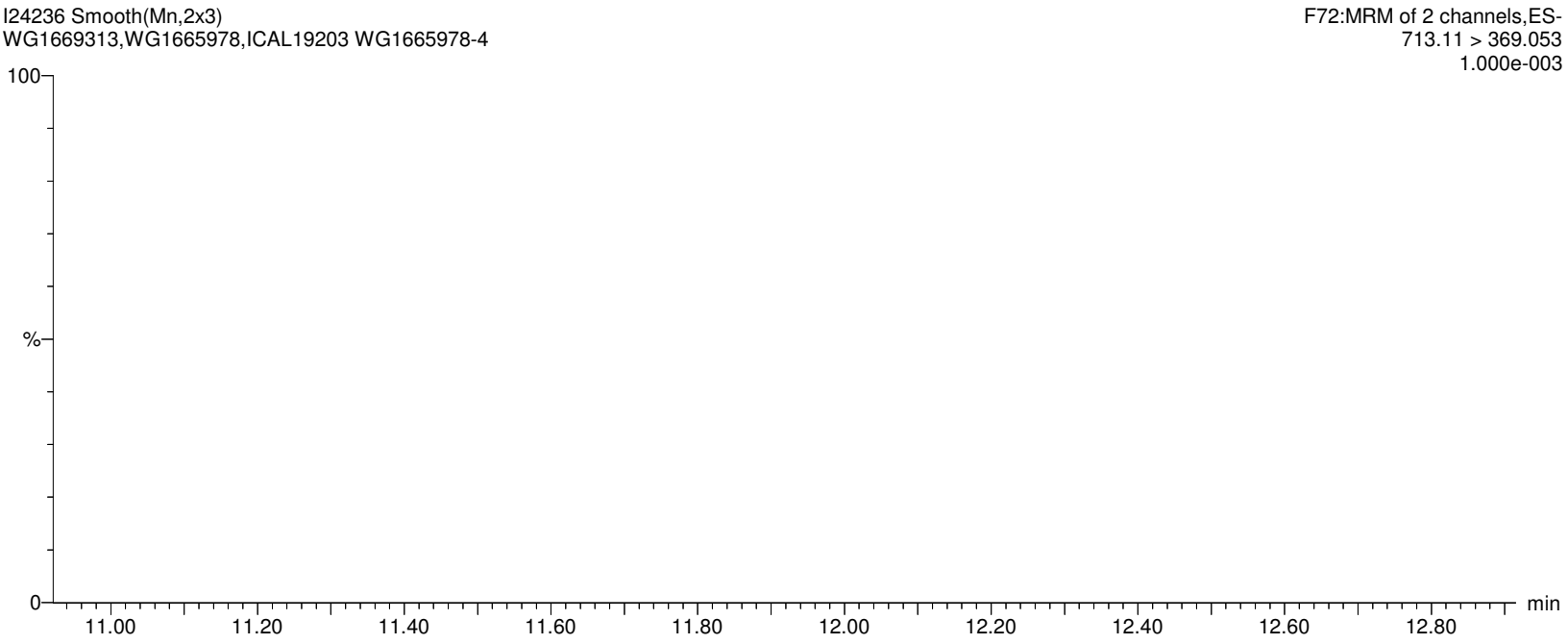
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:31 Eastern Daylight Time

Name: I24236
ID: WG1665978-4
Date: 31-Jul-2022
Time: 01:24:31
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFTA



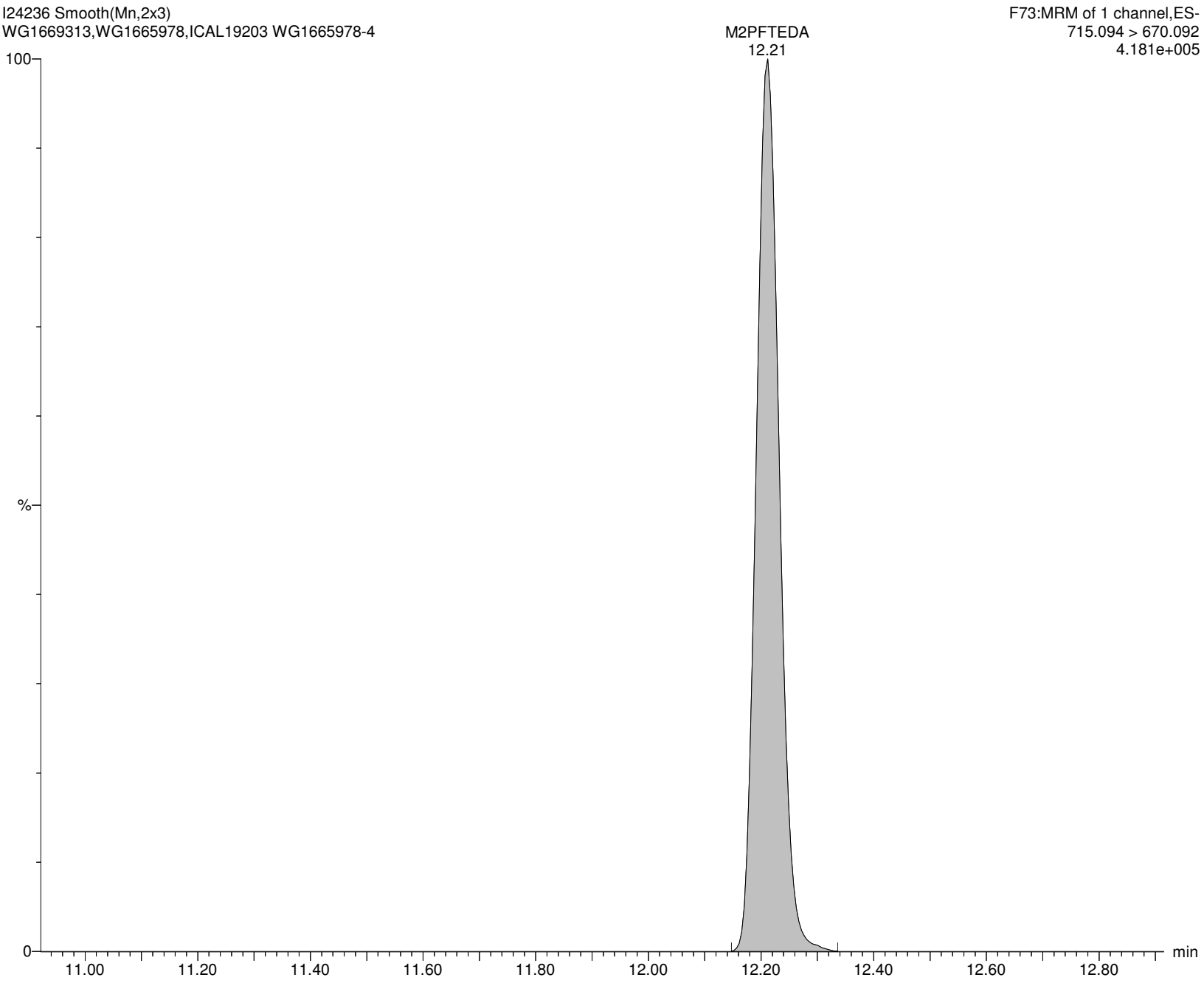


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:31 Eastern Daylight Time

Name: I24236
ID: WG1665978-4
Date: 31-Jul-2022
Time: 01:24:31
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,6
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2PFTEDA



all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:27 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220730_537ISO.PRO\MethDB\537ISO_Q_220725_RT.mdb 29 Jul 2022 09:44:29
Calibration: C:\MassLynx\Data\2022\220730_537ISO.PRO\CurveDB\220725_ICAL.cdb 26 Jul 2022 09:37:13

ID: WG1665978-3
Name: I24234
Date: 31-Jul-2022
Time: 00:51:24
Description: WG1669313,WG1665978,ICAL19203
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:SG
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.11	213.032 > 169.022	43721		11.734		na	
2	M3PFBA	INT STD	2.12	216.009 > 171.999	41971		11.233		na	112.3
3	MPFBA	INT STD	2.12	217.001 > 171.999	39300		8.246		na	82.5
4	PFPeA	2706-90-3	4.94	263.039 > 219.03	44911		11.610		na	
5	M5PFPEA	INT STD	4.94	268.001 > 222.999	37357		7.960		na	79.6
6	PFBS	375-73-5	5.59	299.092 > 80.062	15008		8.986	1.99	NO	
7	M3PFBS	INT STD	5.59	302.069 > 80.062	14115		7.235		na	77.6
8	4:2FTS	757124-72-4	6.73	327.146 > 307.139	8131		9.996	1.32	NO	
9	M2-4:2FTS	INT STD	6.73	329.13 > 309.124	8951		22.924		na	244.4
10	PFHxA	307-24-4	6.81	313.047 > 269.037	56210		11.780	11.26	NO	
11	M5PFHxA	INT STD	6.81	318.009 > 273.007	46513		5.789		na	57.9
12	PFPeS	2706-91-4	7.13	349.1 > 80.062	15706		8.898	1.69	NO	
13	PFHpA	375-85-9	8.07	363.055 > 319.045	55628		10.985	3.67	NO	
14	M4PFHpA	INT STD	8.07	367.025 > 322.022	48670		7.228		na	72.3
15	br-PFHxS	355-46-4	8.00	399.107 > 80.062	3207	M5,M7	2.126	2.14	NO	
16	L-PFHxS	355-46-4	8.24	399.107 > 80.062	15468		9.477	1.70	NO	
17	PFHxS	355-46-4		399.107 > 80.062	18675		11.603		na	
18	M3PFHxS	INT STD	8.23	402.084 > 80.062	16857		8.296		na	87.5
19	br-PFOA	335-67-1	8.79	413.063 > 369.053	4812	M5	0.882	1.30	NO	
20	L-PFOA	335-67-1	9.01	413.063 > 369.053	89969		16.490	6.53	NO	
21	PFOA	335-67-1		413.063 > 369.053	94781		17.372		na	
22	M8PFOA	INT STD	9.01	421.002 > 376.	47772		7.634		na	76.3
23	M2PFOA	INT STD	9.01	415.048 > 370.045	64562		15.476		na	154.8
24	6:2FTS	27619-97-2	8.97	427.161 > 407.155	11461		11.859	2.25	NO	
25	M2-6:2FTS	INT STD	8.97	429.146 > 409.14	11520		24.724		na	260.0
26	PFHpS	375-92-8	9.10	449.115 > 80.062	17086		8.900	1.75	NO	
27	PFNA	375-95-1	9.77	463.071 > 419.061	55050		9.909	3.42	NO	
28	M9PFNA	INT STD	9.77	472.002 > 427.	47808		8.178		na	81.8
29	br-PFOS	1763-23-1	9.57	499.123 > 80.062	16297		7.476	4.40	NO	
30	L-PFOS	1763-23-1	9.82	499.123 > 80.062	32521		19.941	1.81	NO	
31	PFOS	1763-23-1		499.123 > 80.062	48818		27.418		na	
32	M4PFOS	INT STD	9.82	503.093 > 80.062	19123		12.015		na	120.1
33	M8PFOS	INT STD	9.82	507.062 > 80.062	17087		8.716		na	90.9
34	PFDA	335-76-2	10.40	513.078 > 469.069	35132		9.404	2.32	NO	
35	M2PFDA	INT STD	10.40	515.063 > 470.061	49011		15.983		na	159.8
36	M6PFDA	INT STD	10.40	519.033 > 474.03	36238		8.566		na	85.7
37	8:2FTS	39108-34-4	10.39	527.177 > 507.171	4929		8.839	1.67	NO	
38	M2-8:2FTS	INT STD	10.39	529.162 > 509.155	7254		21.489		na	223.8
39	PFNS	68259-12-1	10.43	549.131 > 80.062	16026		9.577	2.13	NO	

all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:27 Eastern Daylight Time

ID: WG1665978-3
Name: I24234
Date: 31-Jul-2022
Time: 00:51:24
Description: WG1669313,WG1665978,ICAL19203
Instrument: XEVO-TQSmicro#QEA0276
User: LCMS01:SG
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.80	573.22 > 419.061	6803		6.879		na	68.8
41	br-NMeFOSAA	2355-31-9	10.64	570.202 > 419.061	455	M5,M7	2.815	0.84	NO	
42	L-NMeFOSAA	2355-31-9	10.80	570.202 > 419.061	3460		7.772	1.94	NO	
43	NMeFOSAA	2355-31-9		570.202 > 419.061	3915		10.587		na	
44	PFUnA	2058-94-8	10.95	563.086 > 519.076	41124		10.663	5.00	NO	
45	M7-PFUDA	INT STD	10.95	570.033 > 525.031	37400		8.757		na	87.6
46	PFDS	335-77-3	10.96	598.926 > 80.062	12580		9.872	2.04	NO	
47	FOSA	754-91-6	10.89	498.146 > 78.07	9108		10.092	112.57	YES	
48	M8FOSA	INT STD	10.89	506.077 > 78.07	9375		1.385		na	13.9
49	d5-NEtFOSAA	INT STD	11.09	589.259 > 419.061	8357		8.238		na	82.4
50	br-NEtFOSAA	2991-50-6	10.95	584.229 > 419.061	452	M5,M7	2.110	0.70	NO	
51	L-NEtFOSAA	2991-50-6	11.10	584.229 > 419.061	4213		7.777	1.26	NO	
52	NEtFOSAA	2991-50-6		584.229 > 419.061	4665		9.887		na	
53	PFDoA	307-55-1	11.43	613.094 > 569.084	36523		9.744	5.64	NO	
54	MPFDOA	INT STD	11.43	615.079 > 570.077	38876		7.709		na	77.1
55	PFTrDA	72629-94-8	11.85	663.102 > 619.092	21968		10.406	4.82	NO	
56	PFTA	376-06-7	12.21	713.11 > 669.1	18589		9.542	6.26	NO	
57	M2PFTEDA	INT STD	12.21	715.094 > 670.092	20783		7.489		na	74.9

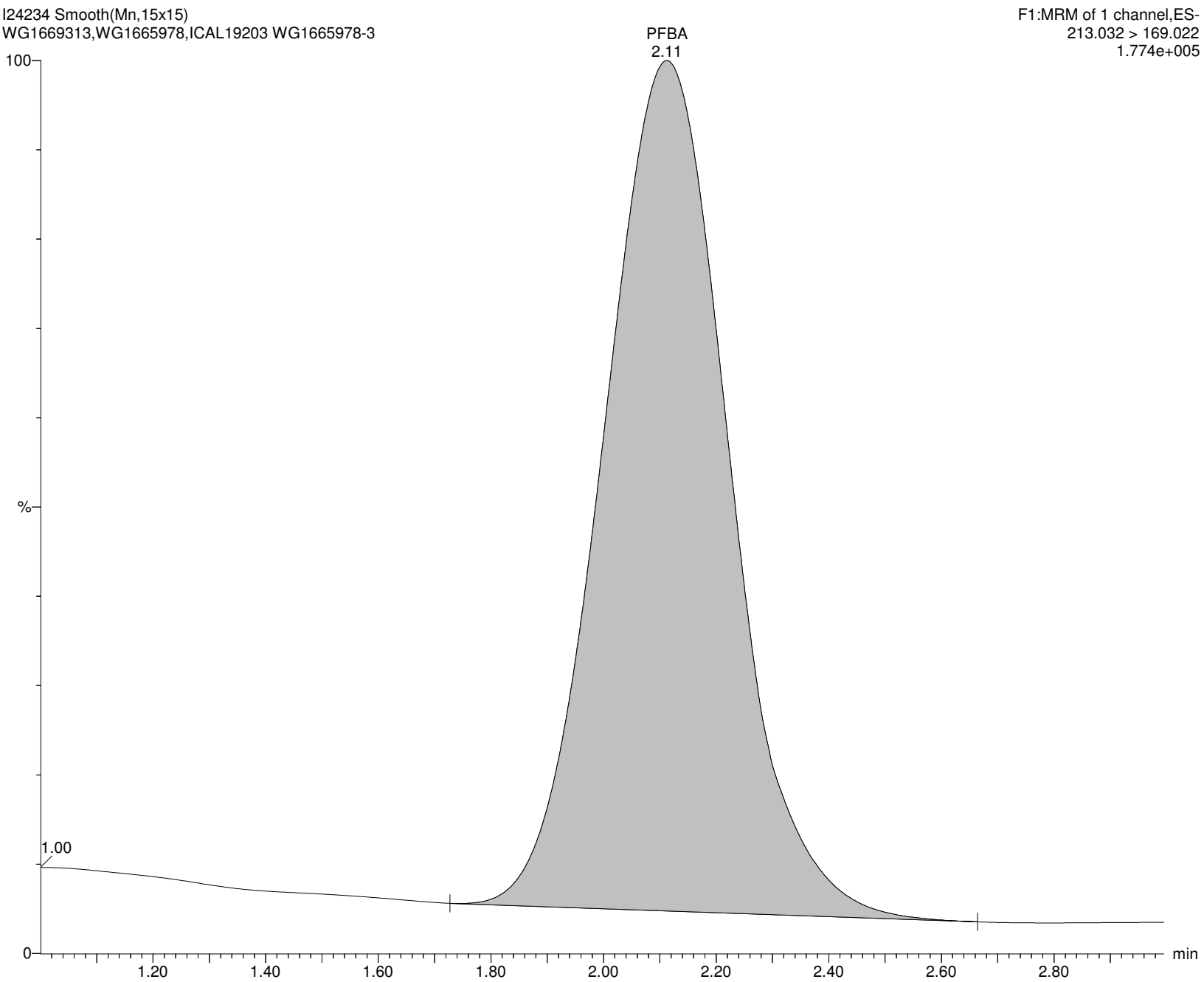
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:27 Eastern Daylight Time

Method: C:\MassLynx\Data\2022\220730_537ISO.PRO\MethDB\537ISO_Q_220725_RT.mdb 29 Jul 2022 09:44:29
Calibration: C:\MassLynx\Data\2022\220730_537ISO.PRO\CurveDB\220725_ICAL.cdb 26 Jul 2022 09:37:13

Name: I24234
ID: WG1665978-3
Date: 31-Jul-2022
Time: 00:51:24
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFBA

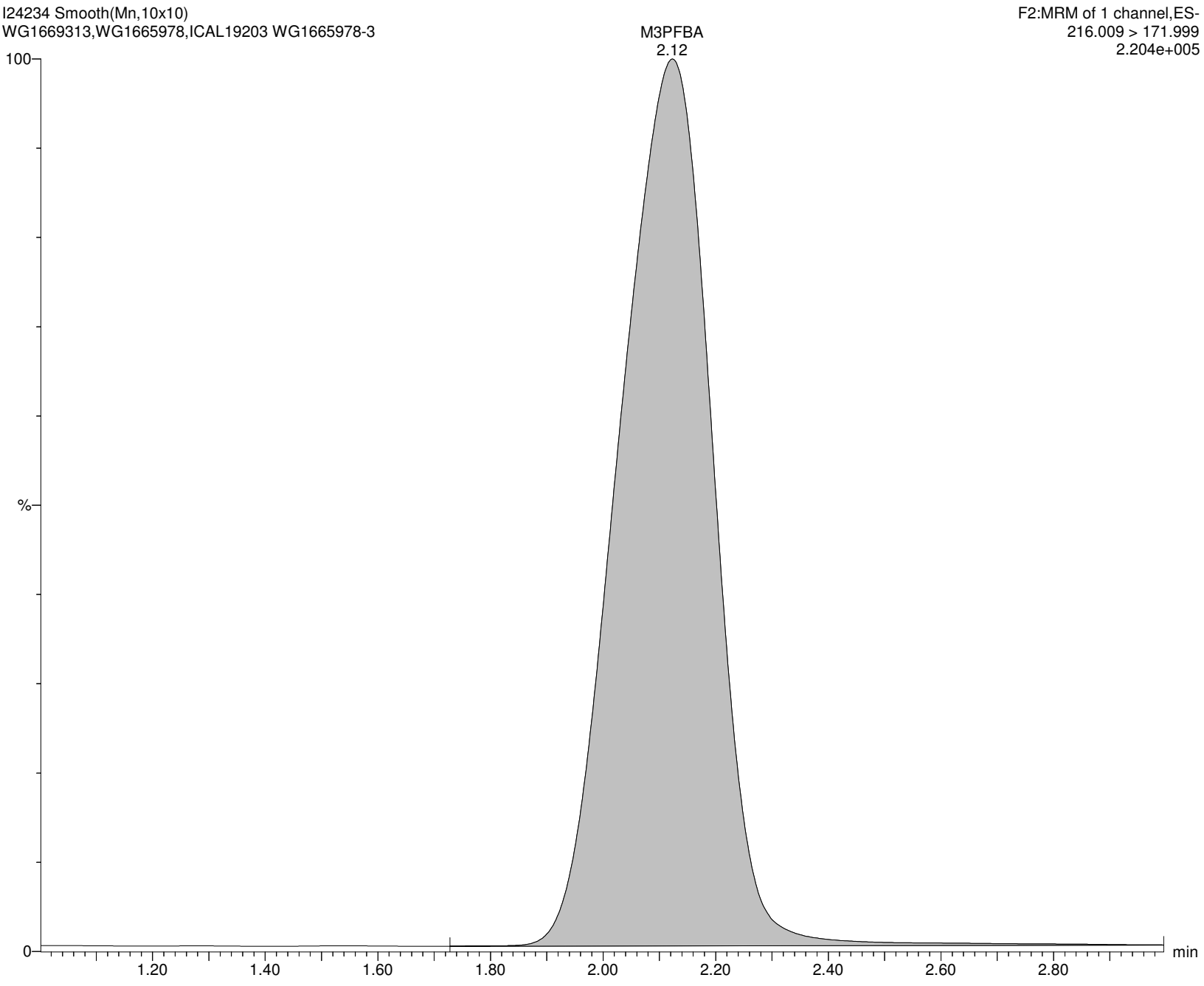


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:27 Eastern Daylight Time

Name: I24234
ID: WG1665978-3
Date: 31-Jul-2022
Time: 00:51:24
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M3PFBA

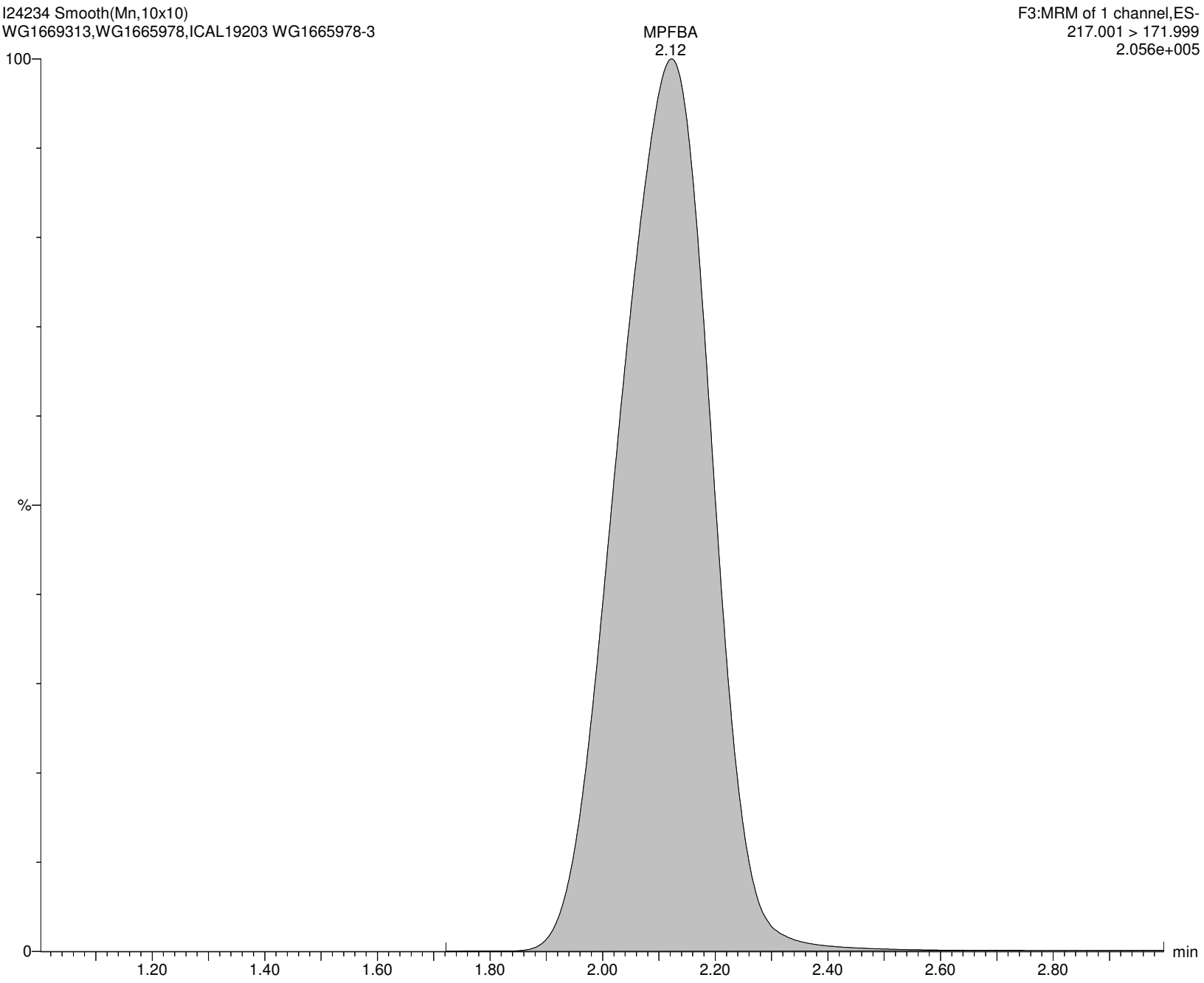


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:27 Eastern Daylight Time

Name: I24234
ID: WG1665978-3
Date: 31-Jul-2022
Time: 00:51:24
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

MPFBA

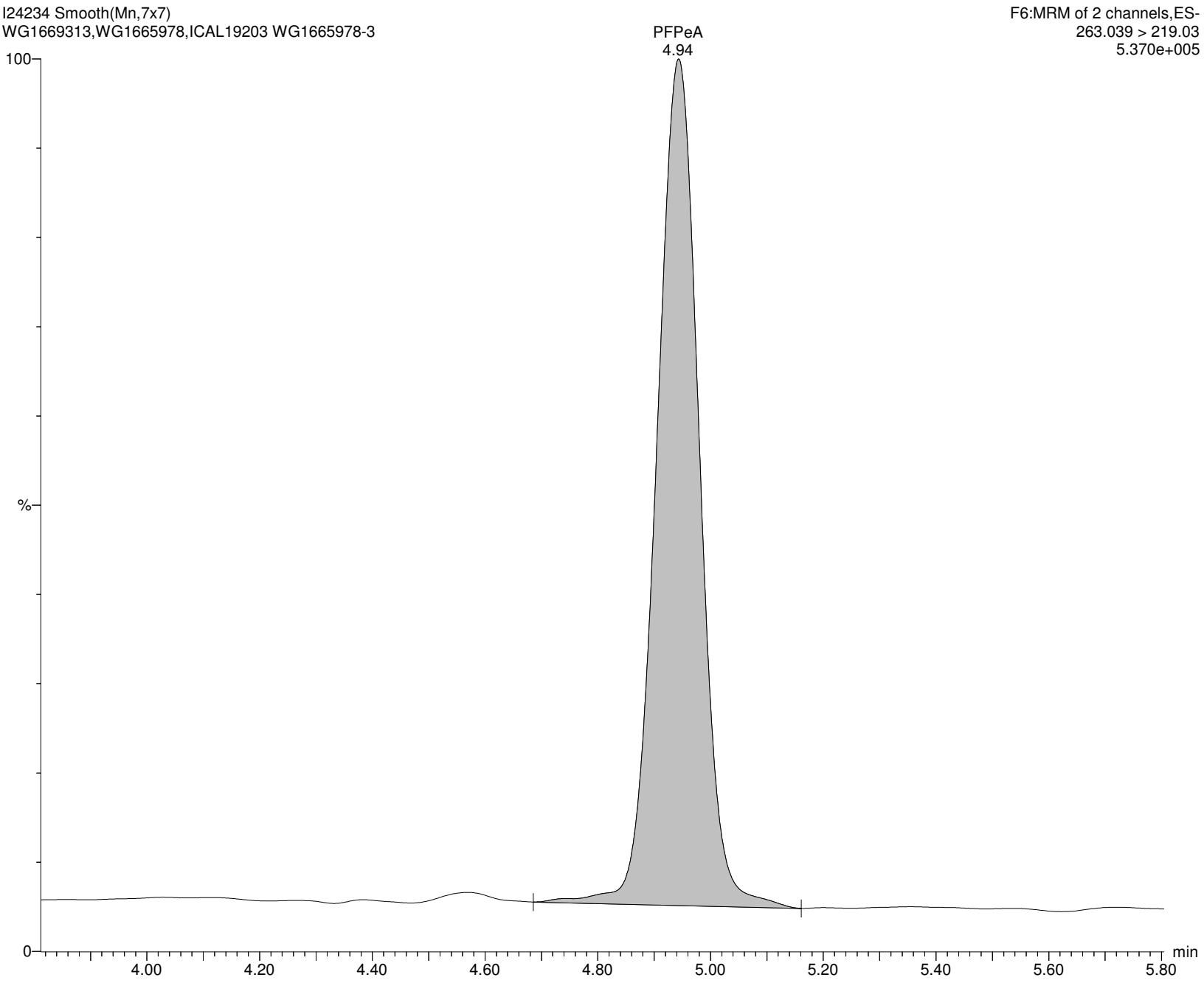


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:27 Eastern Daylight Time

Name: I24234
ID: WG1665978-3
Date: 31-Jul-2022
Time: 00:51:24
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFPeA

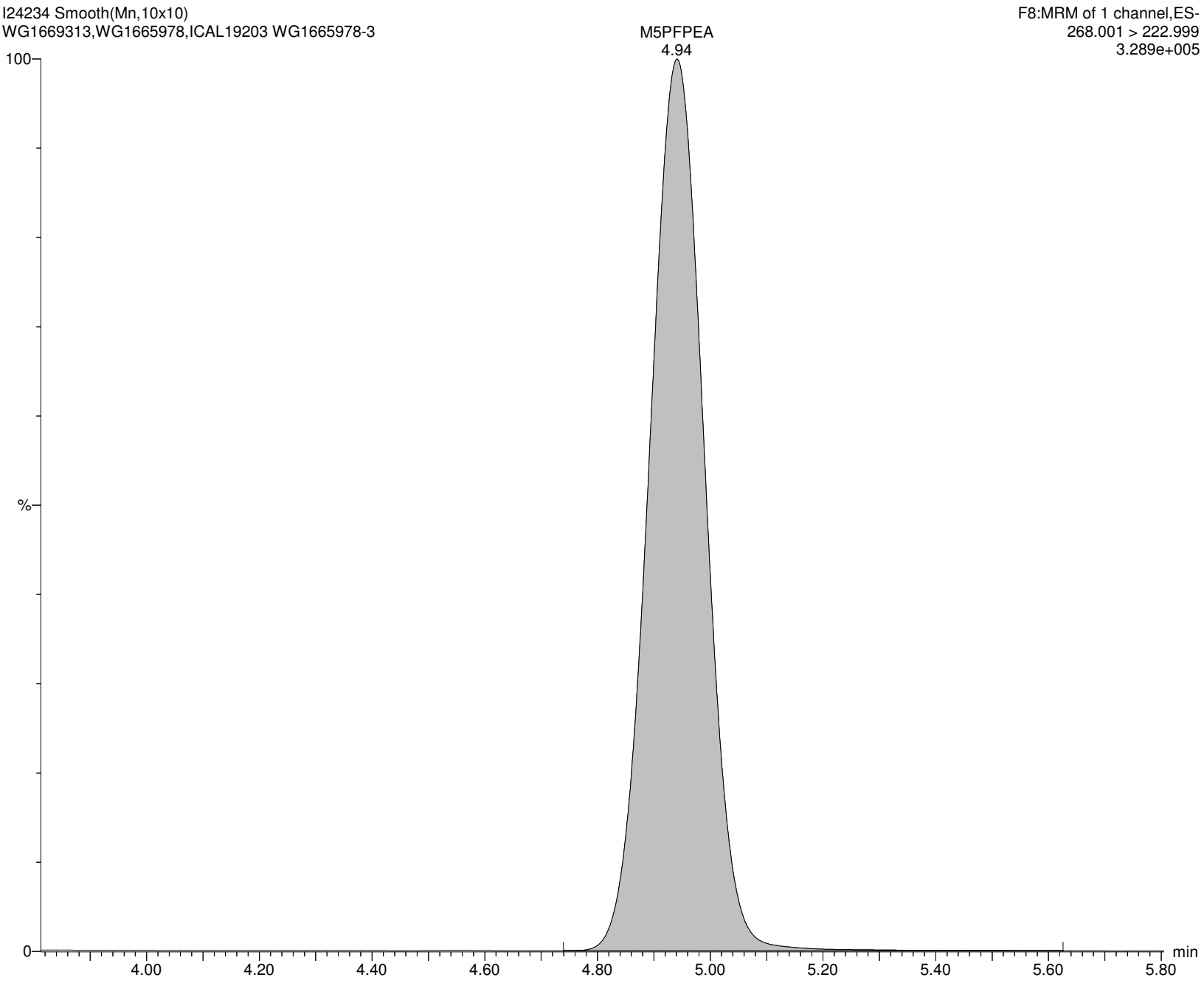


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:27 Eastern Daylight Time

Name: I24234
ID: WG1665978-3
Date: 31-Jul-2022
Time: 00:51:24
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M5PFPEA

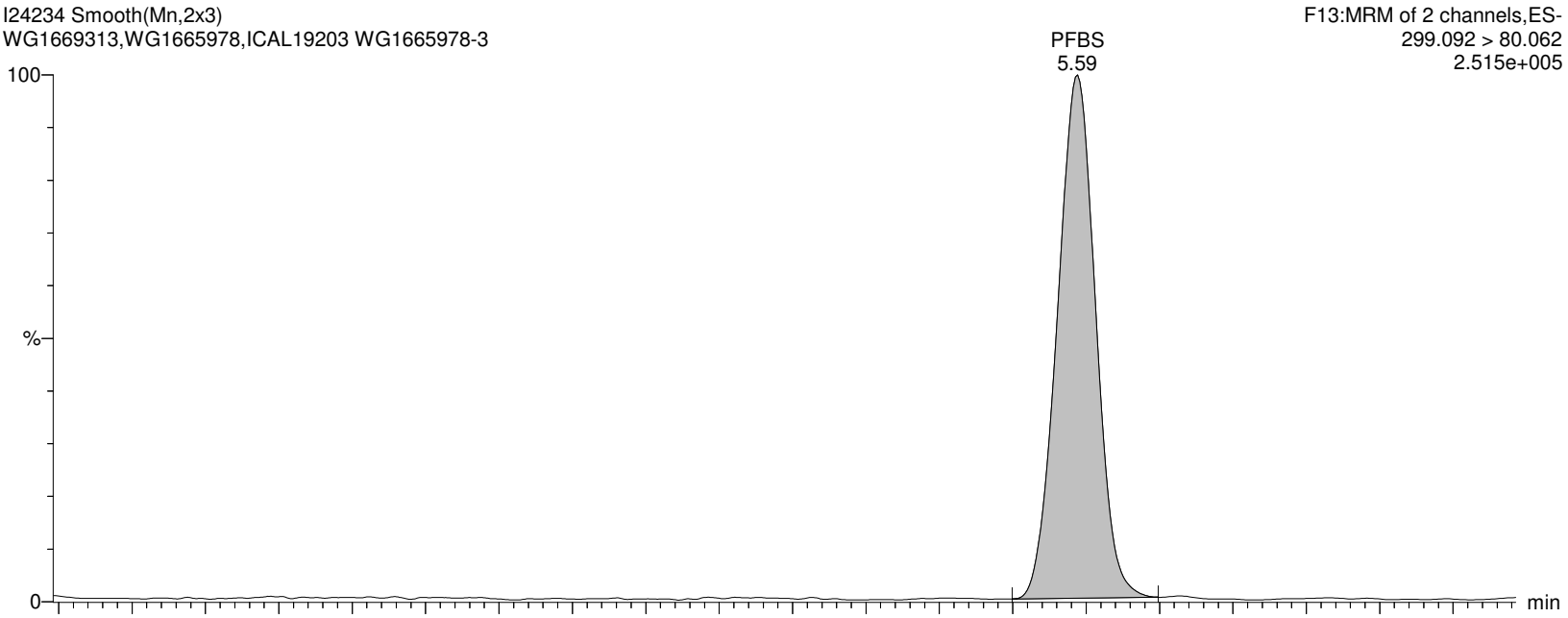


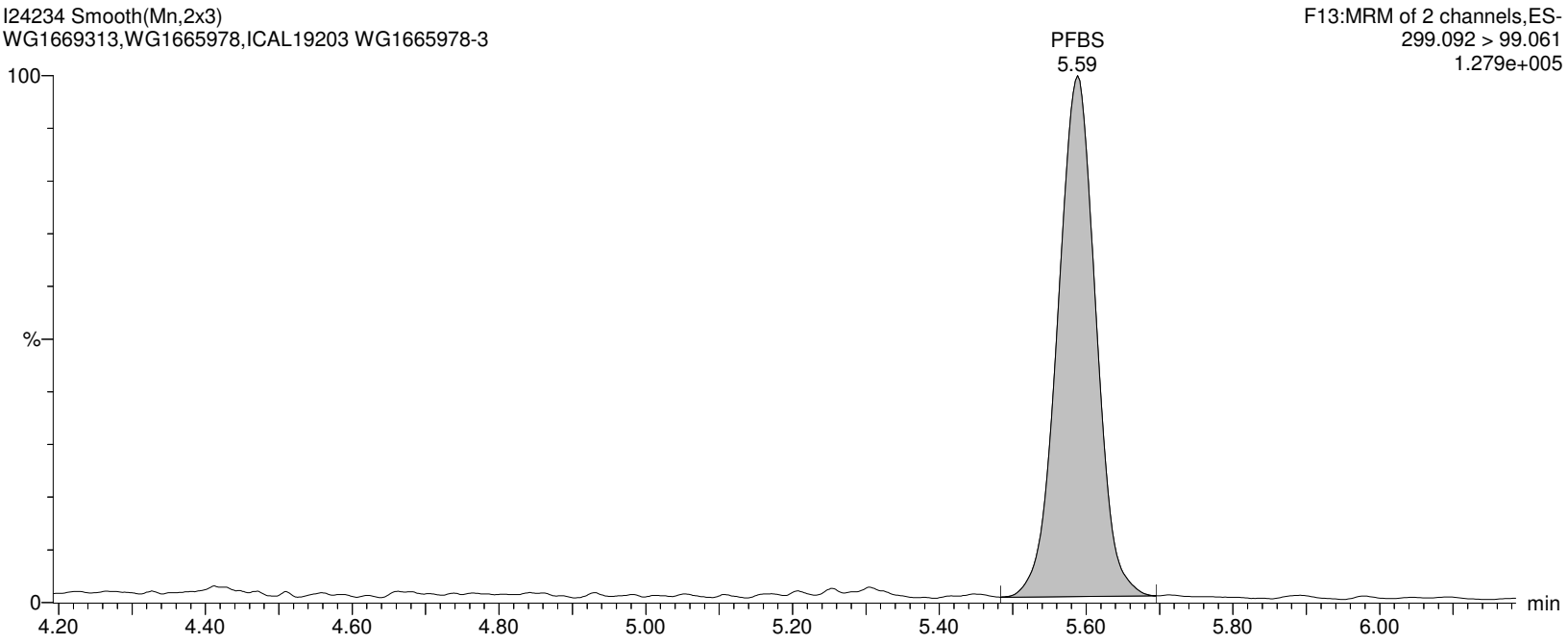
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:27 Eastern Daylight Time

Name: I24234
ID: WG1665978-3
Date: 31-Jul-2022
Time: 00:51:24
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFBS



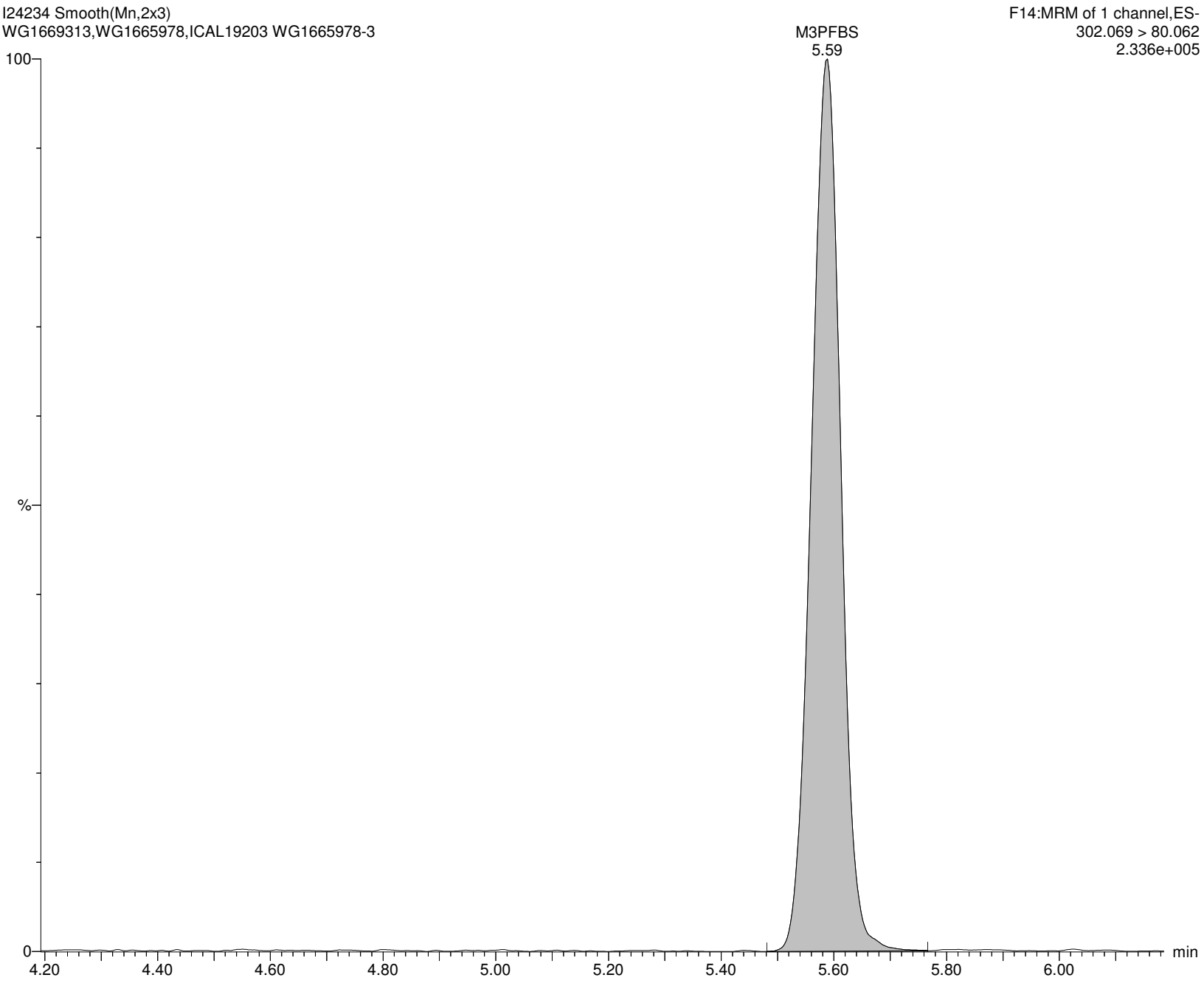


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:27 Eastern Daylight Time

Name: I24234
ID: WG1665978-3
Date: 31-Jul-2022
Time: 00:51:24
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M3PFBS

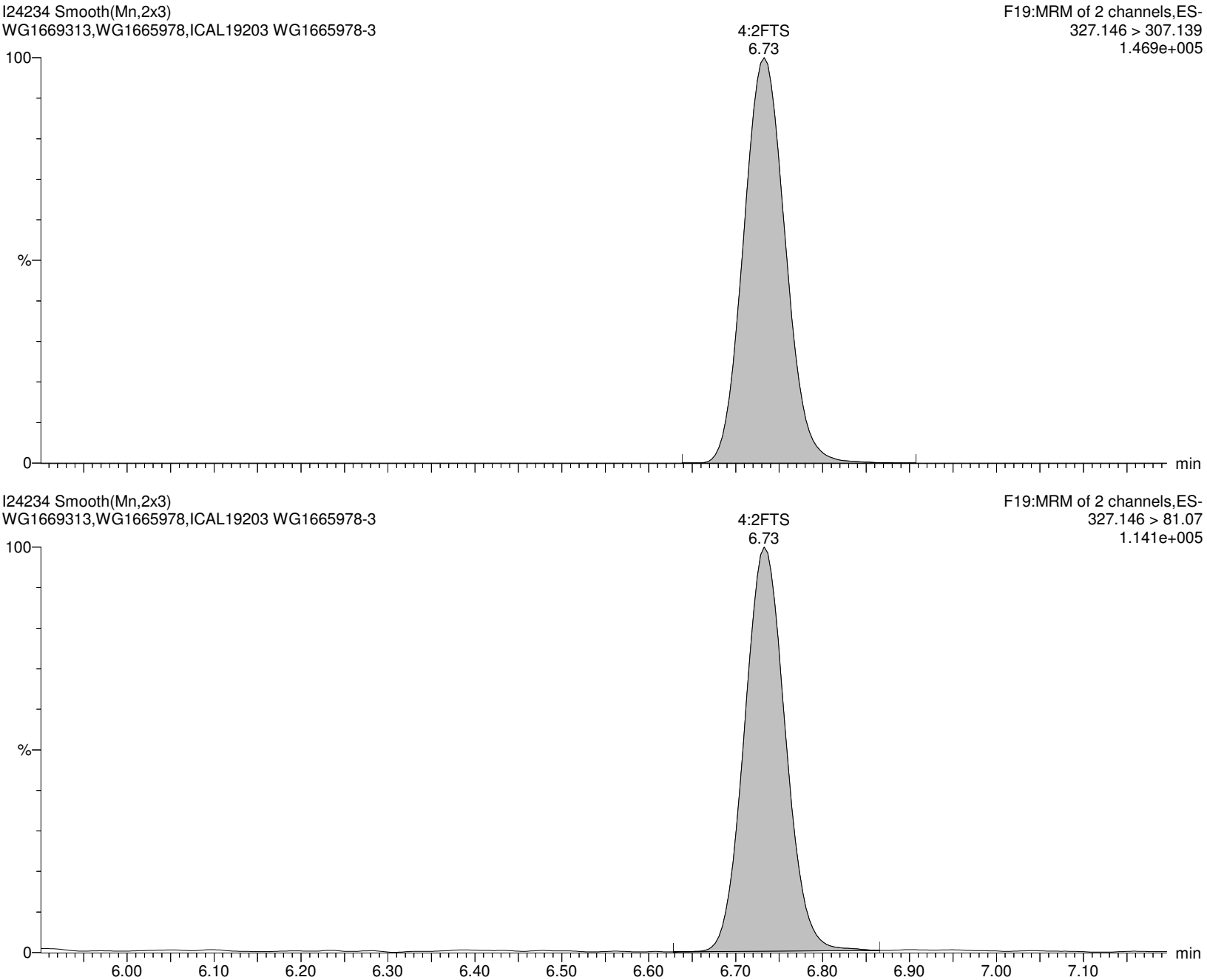


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:27 Eastern Daylight Time

Name: I24234
ID: WG1665978-3
Date: 31-Jul-2022
Time: 00:51:24
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

4:2FTS

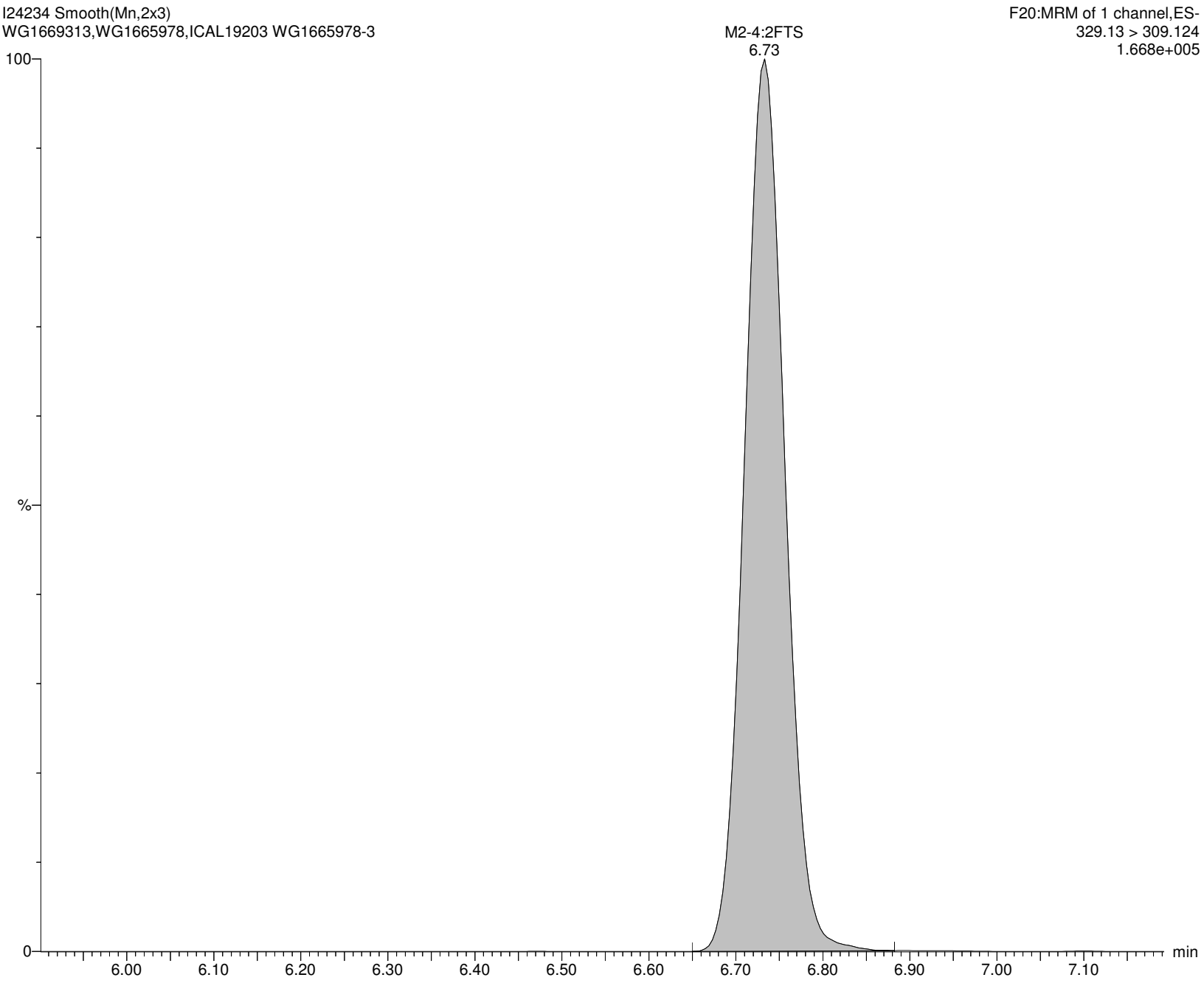


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:27 Eastern Daylight Time

Name: I24234
ID: WG1665978-3
Date: 31-Jul-2022
Time: 00:51:24
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2-4:2FTS

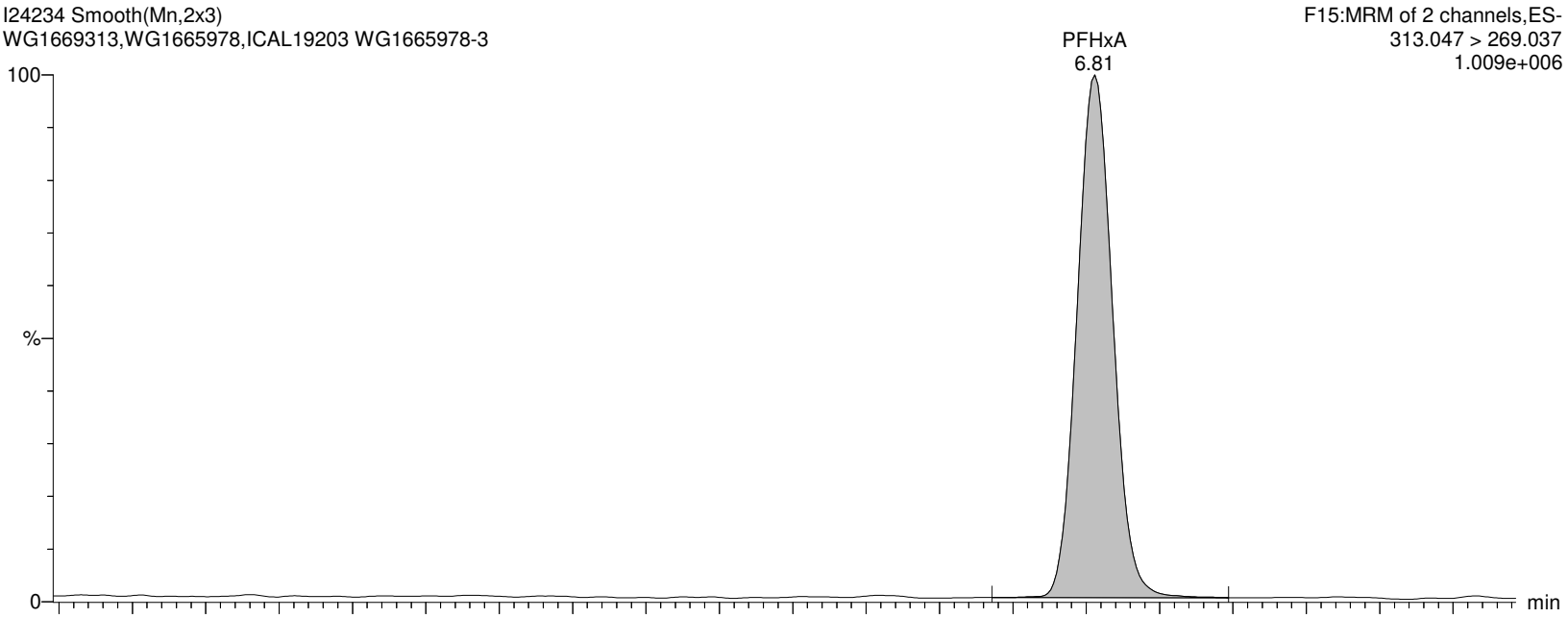


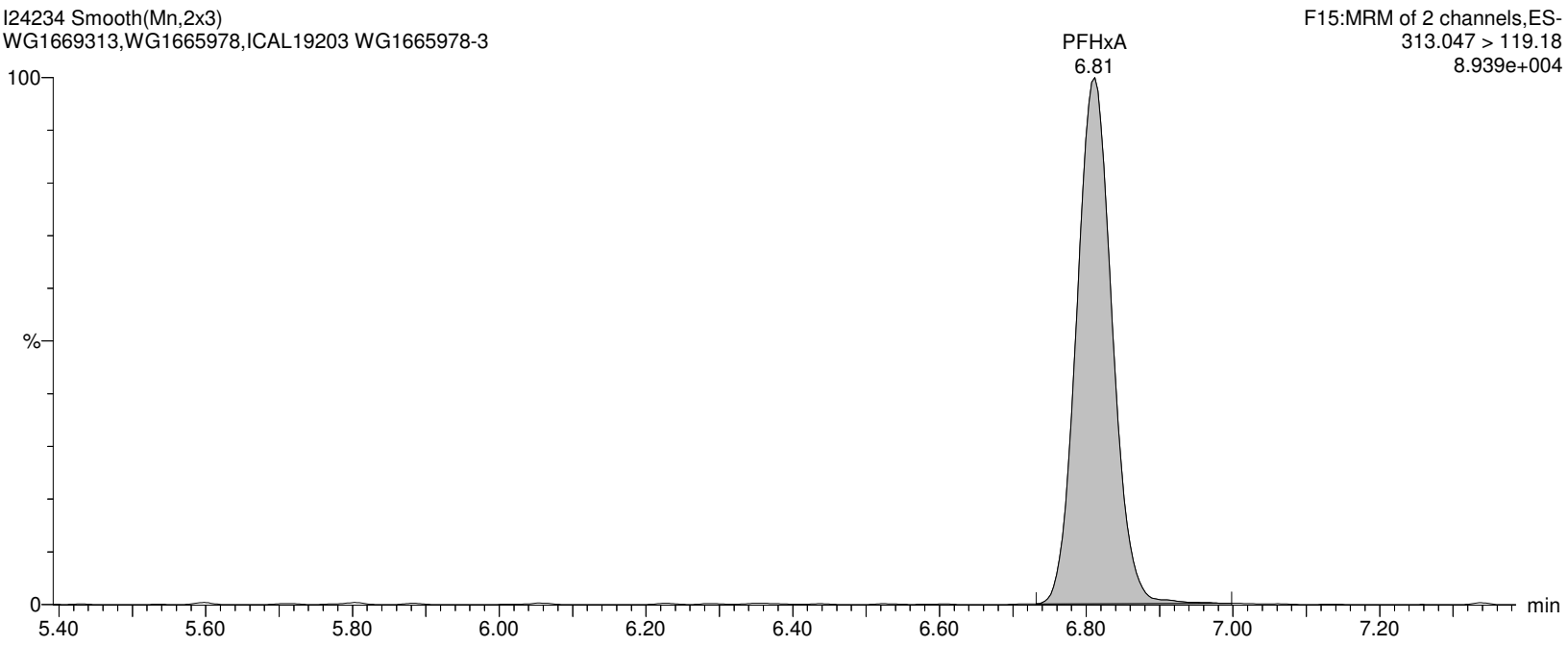
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:27 Eastern Daylight Time

Name: I24234
ID: WG1665978-3
Date: 31-Jul-2022
Time: 00:51:24
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFHxA



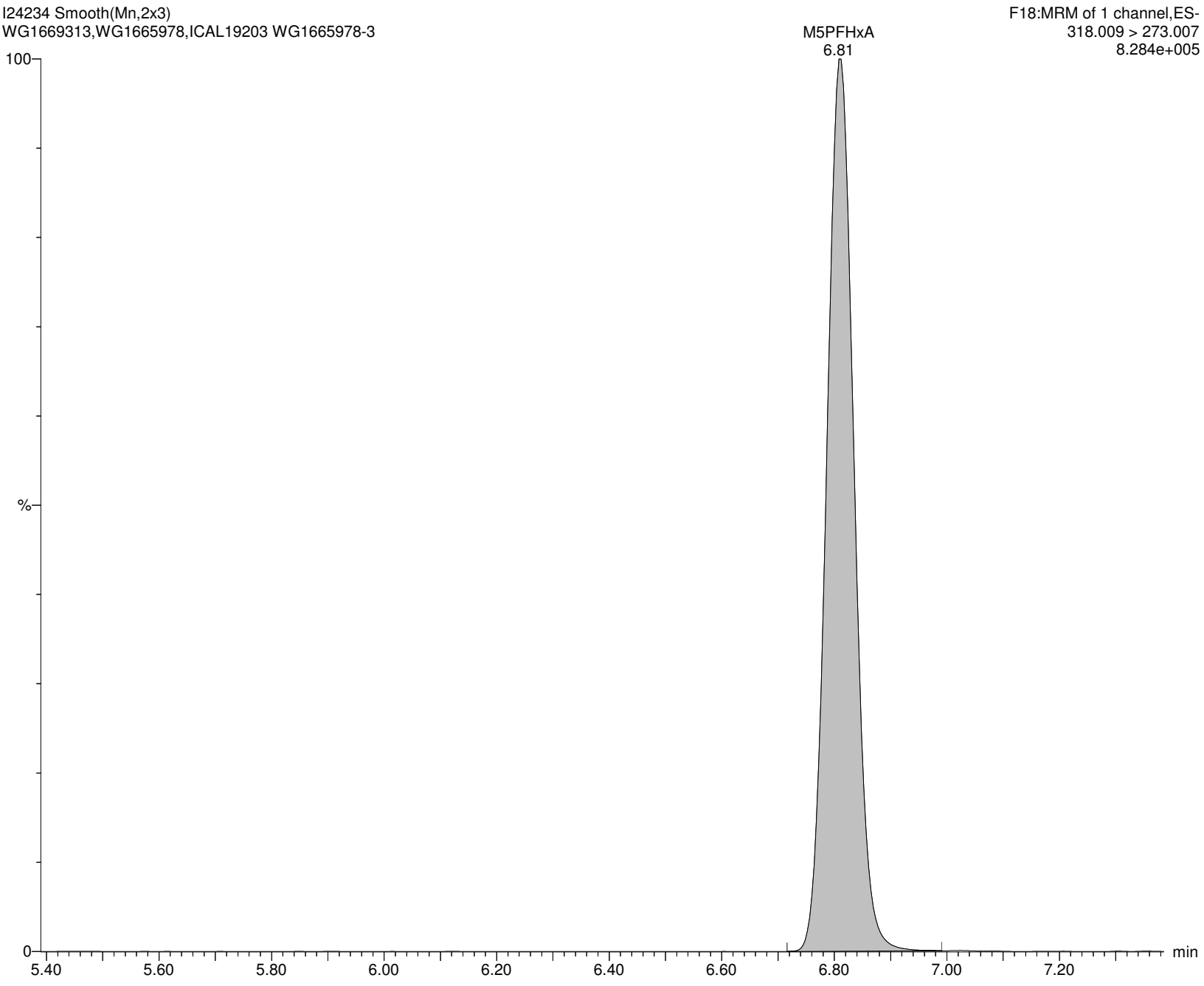


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:27 Eastern Daylight Time

Name: I24234
ID: WG1665978-3
Date: 31-Jul-2022
Time: 00:51:24
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M5PFHxA

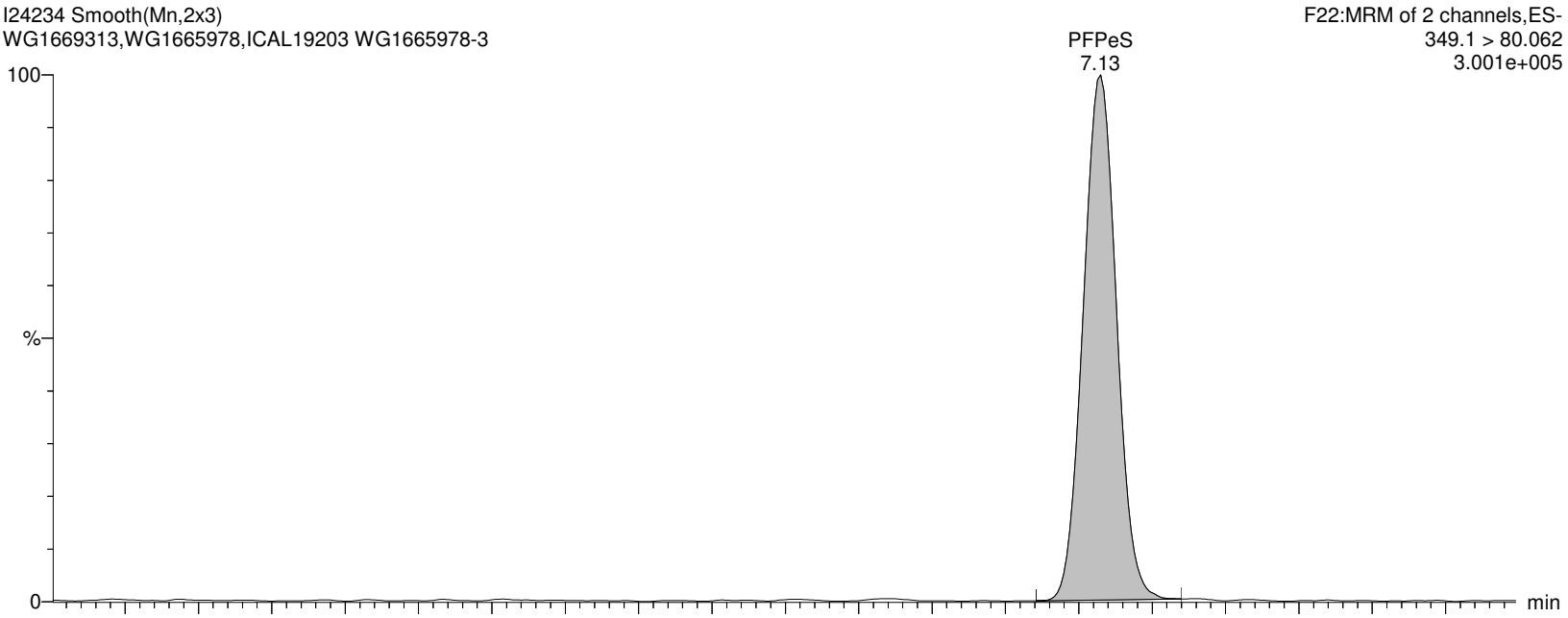


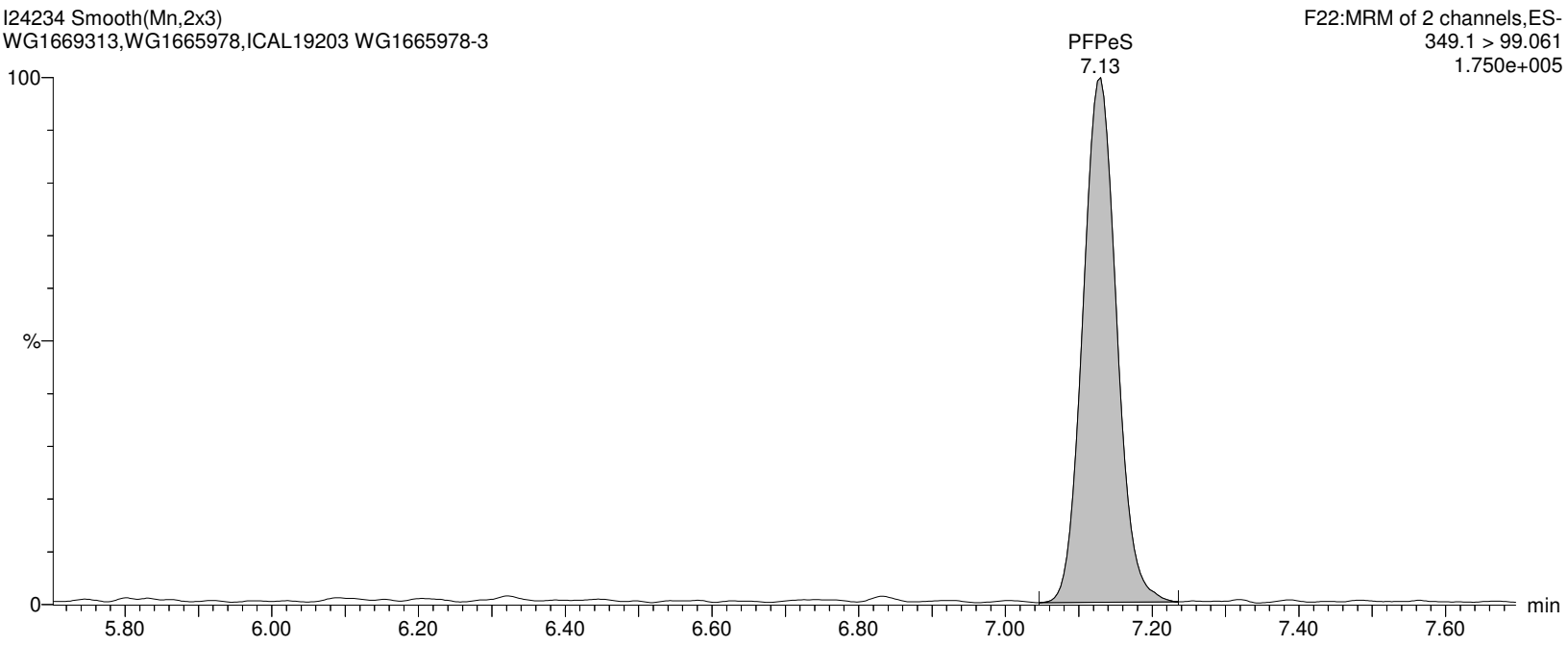
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:27 Eastern Daylight Time

Name: I24234
ID: WG1665978-3
Date: 31-Jul-2022
Time: 00:51:24
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFPeS



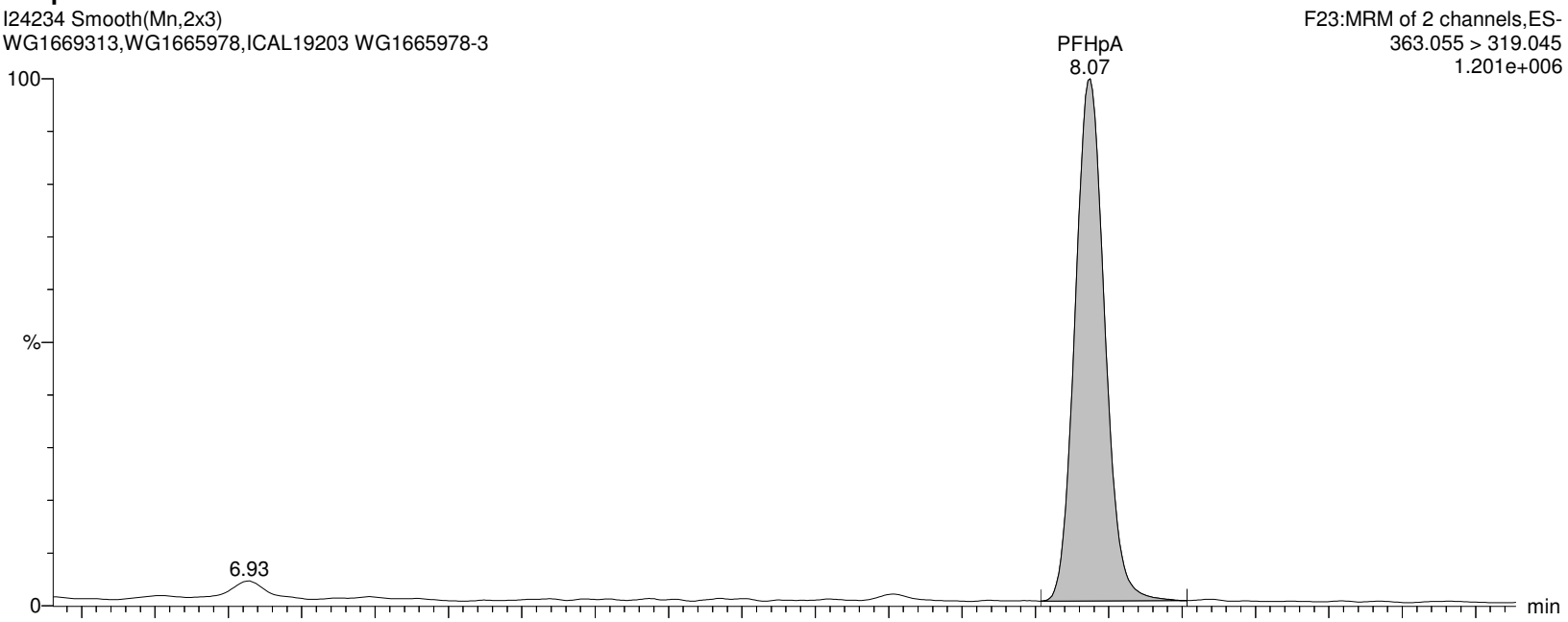


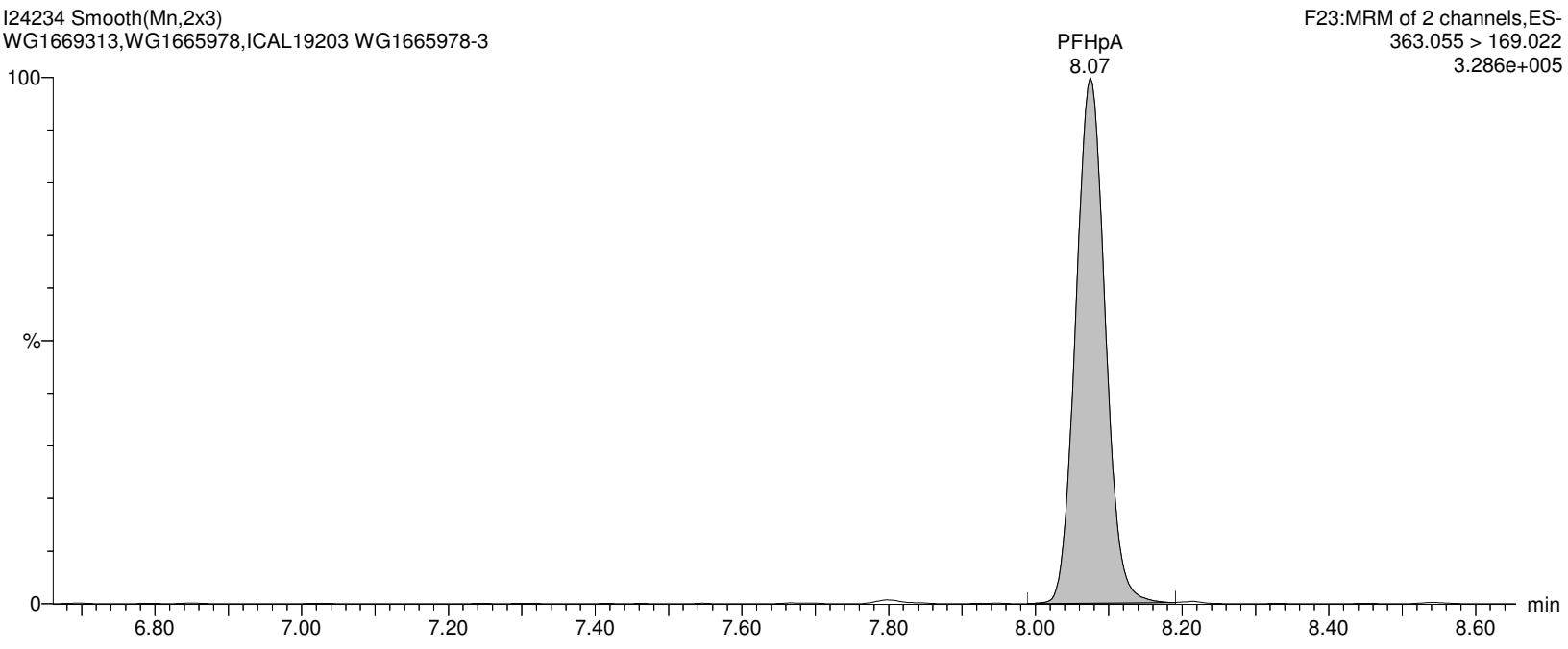
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:27 Eastern Daylight Time

Name: I24234
ID: WG1665978-3
Date: 31-Jul-2022
Time: 00:51:24
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFHpA



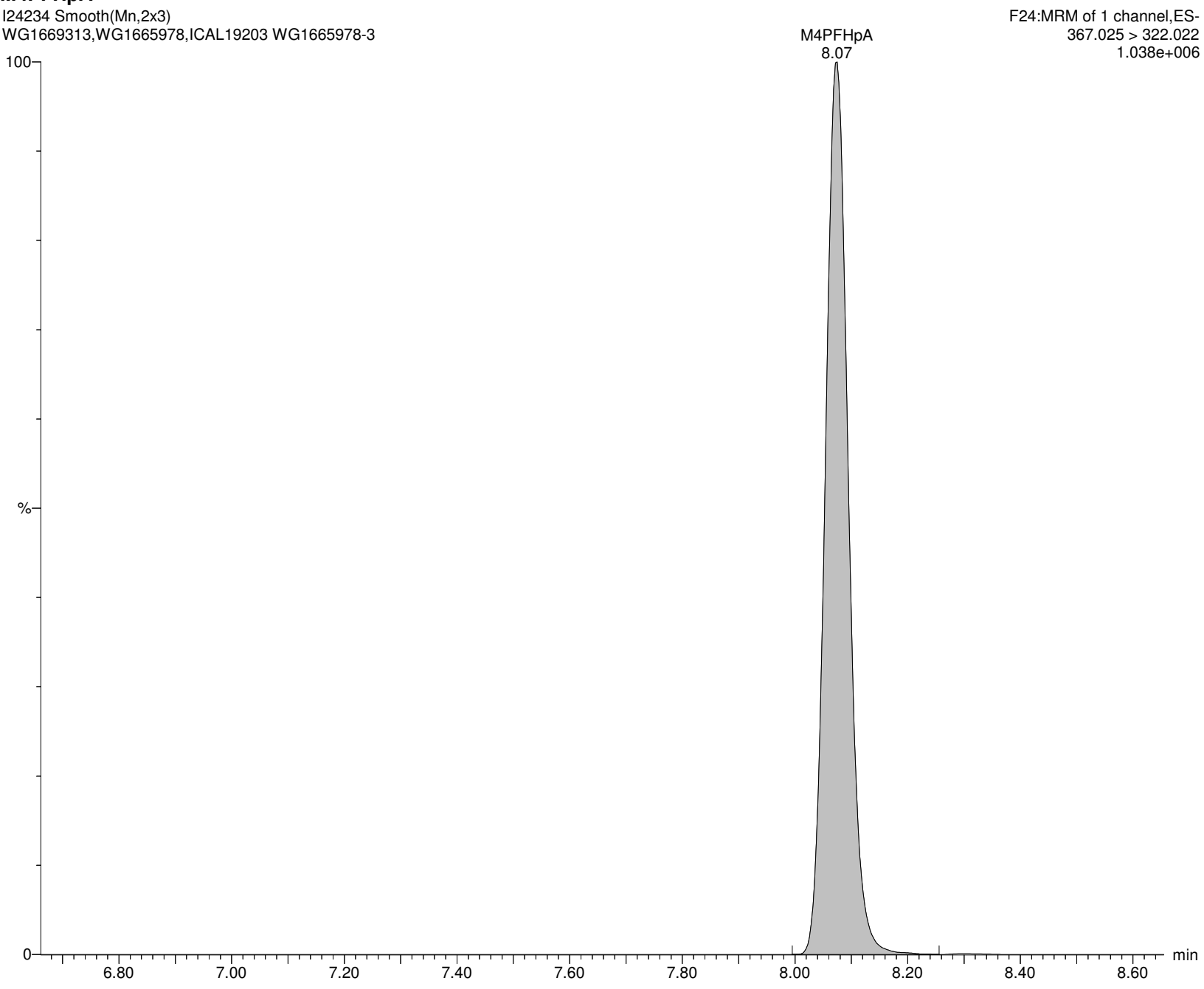


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:27 Eastern Daylight Time

Name: I24234
ID: WG1665978-3
Date: 31-Jul-2022
Time: 00:51:24
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M4PFHpA

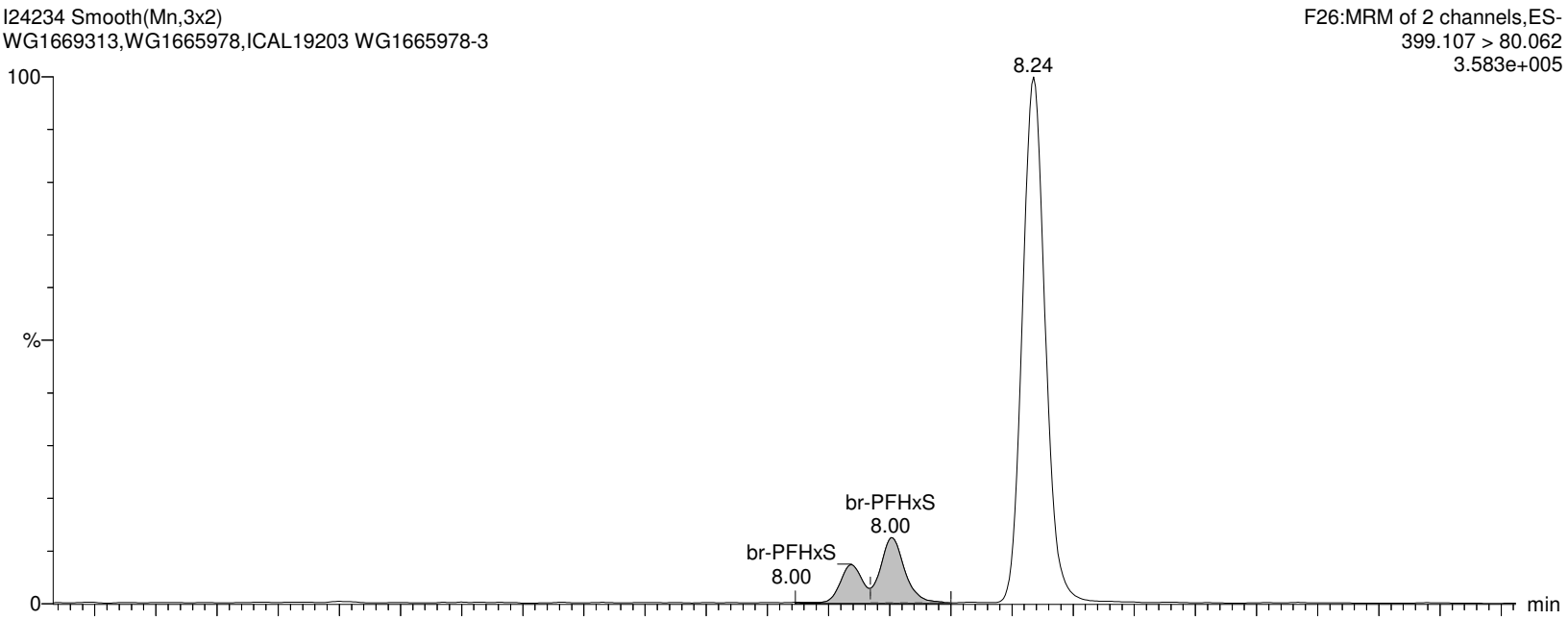


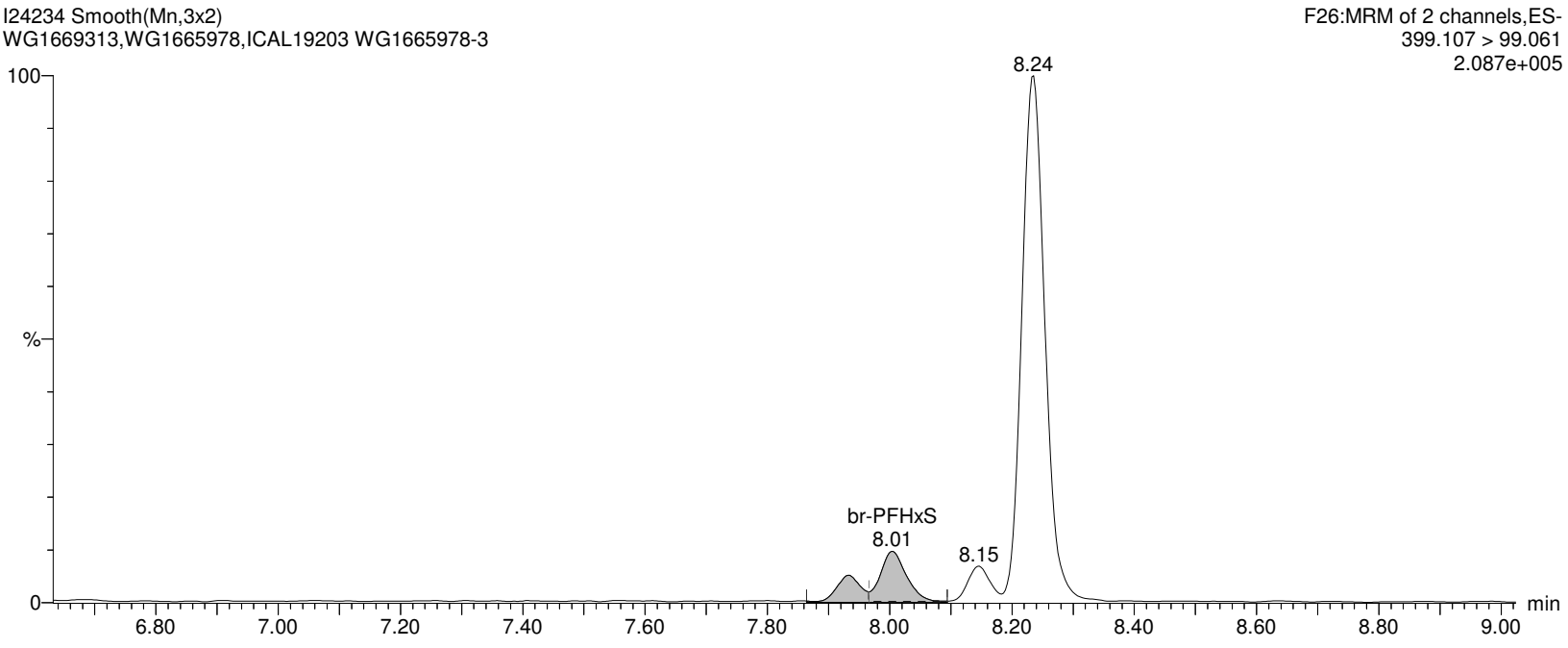
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:27 Eastern Daylight Time

Name: I24234
ID: WG1665978-3
Date: 31-Jul-2022
Time: 00:51:24
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

br-PFHxS



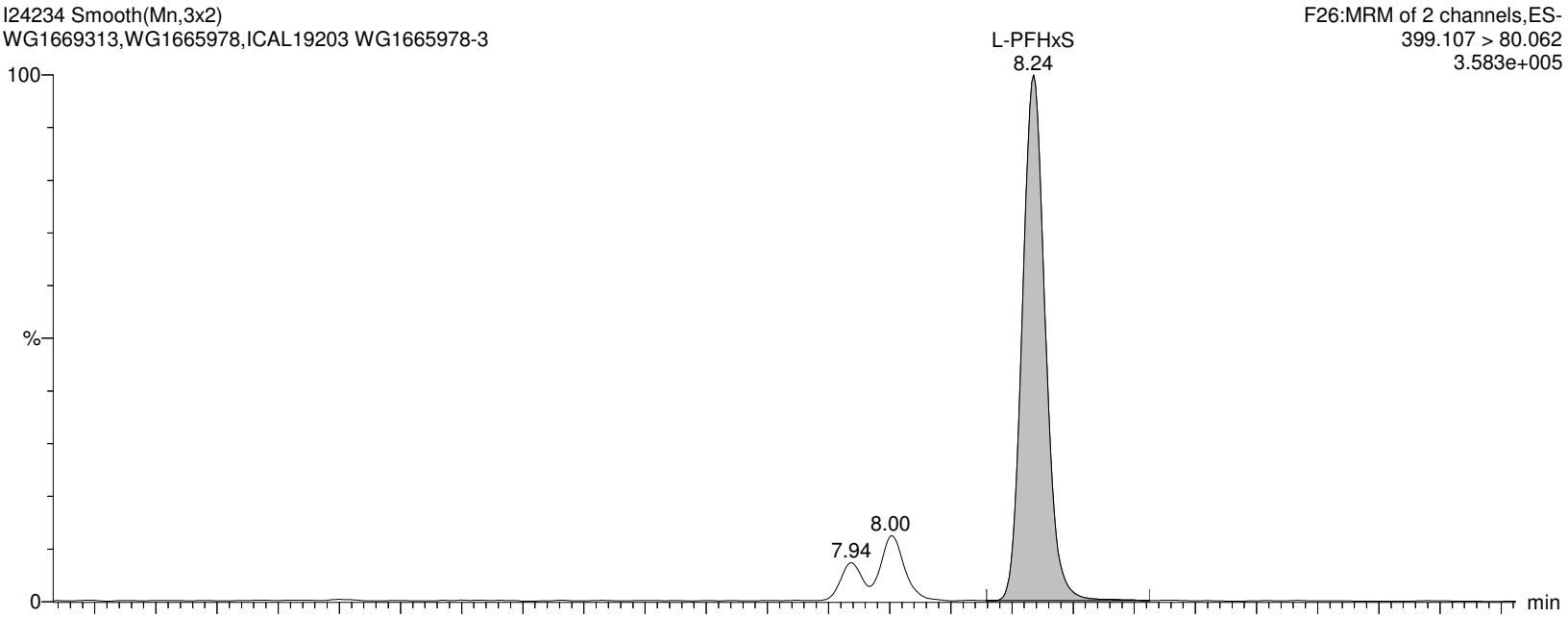


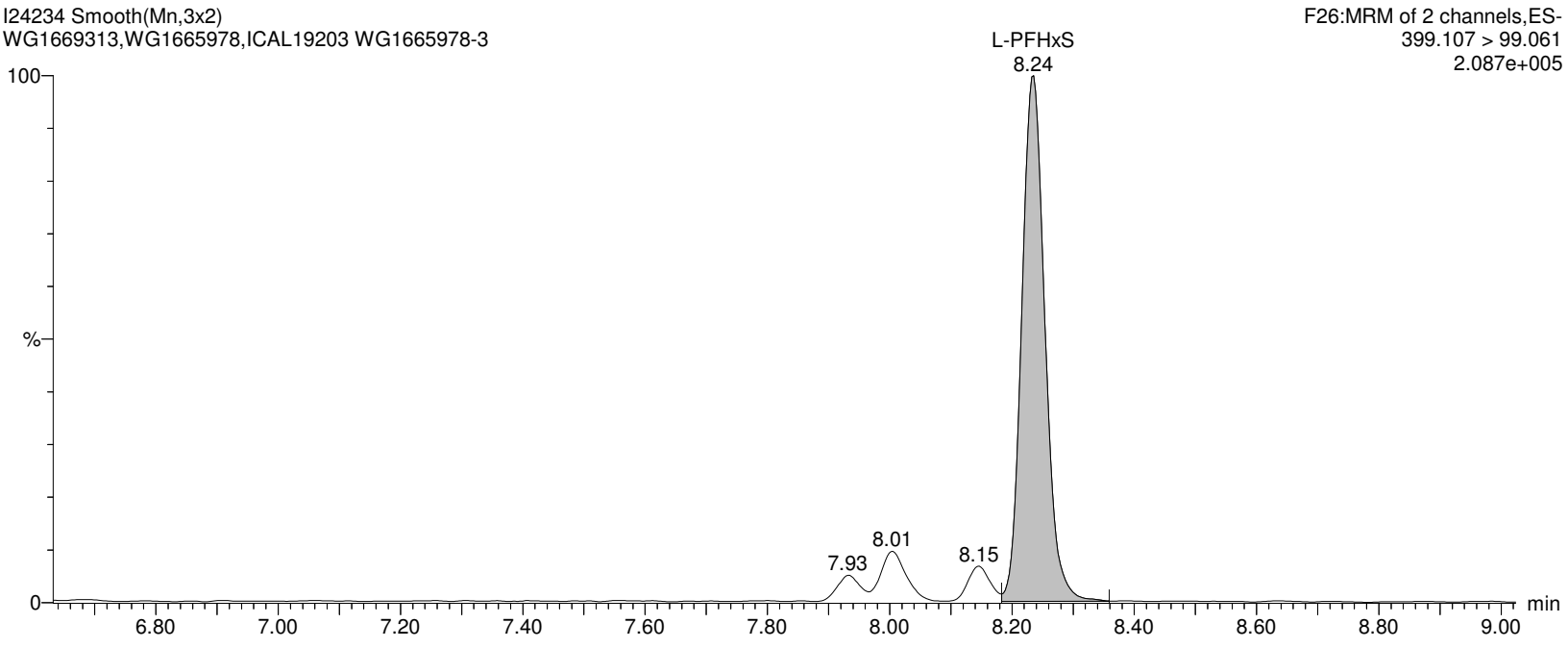
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:27 Eastern Daylight Time

Name: I24234
ID: WG1665978-3
Date: 31-Jul-2022
Time: 00:51:24
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

L-PFHxS



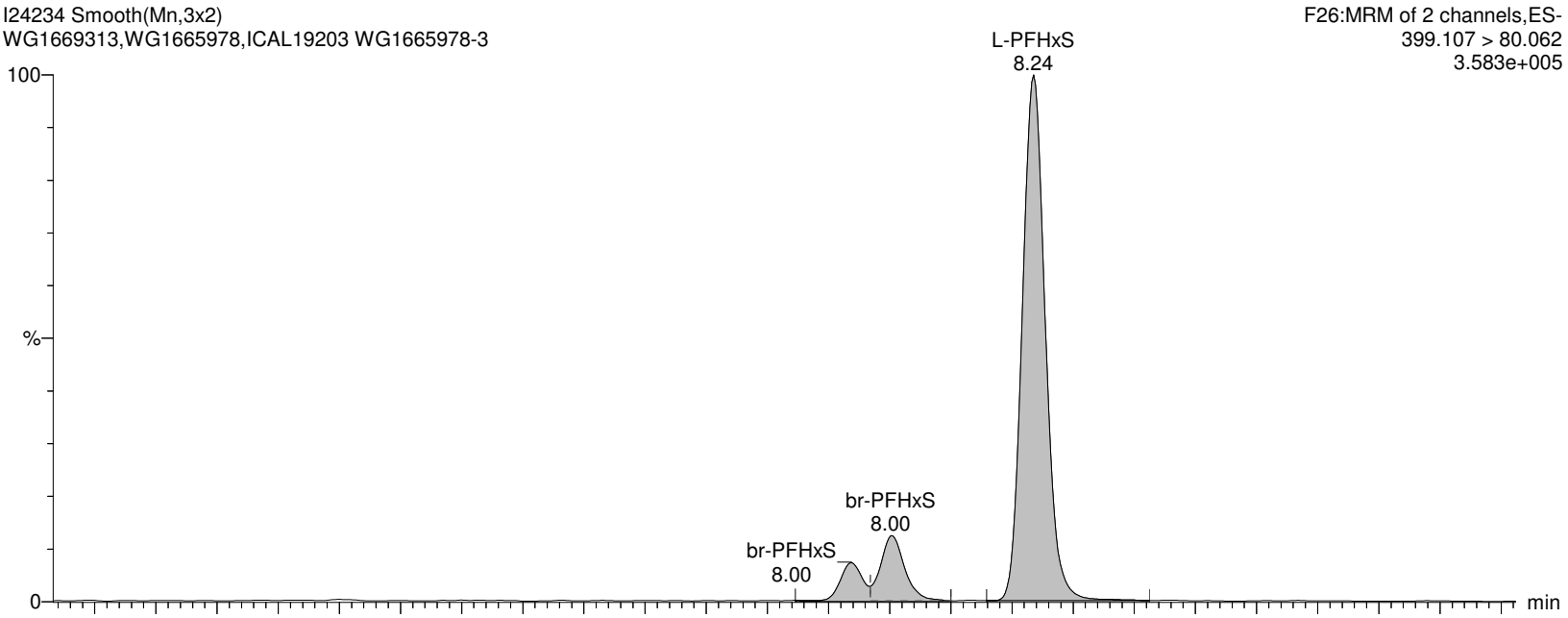


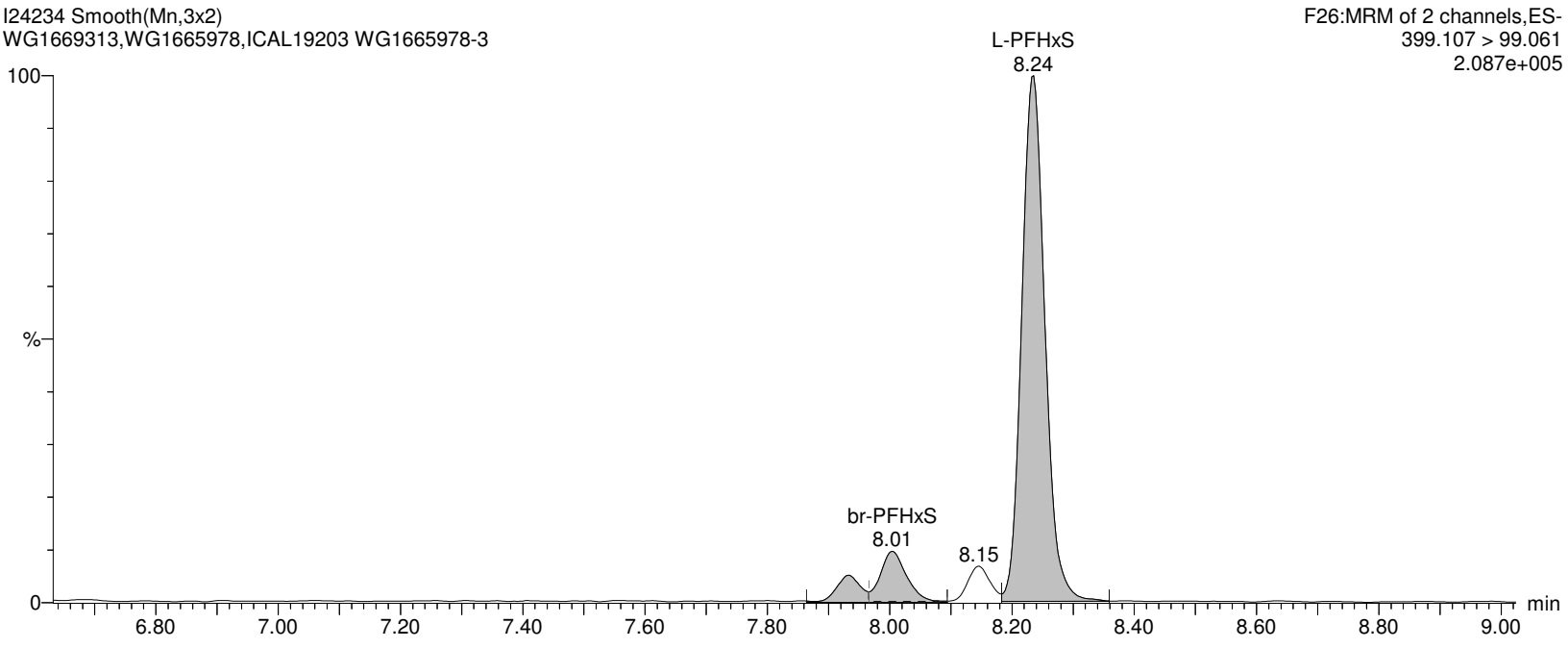
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:27 Eastern Daylight Time

Name: I24234
ID: WG1665978-3
Date: 31-Jul-2022
Time: 00:51:24
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFHxS



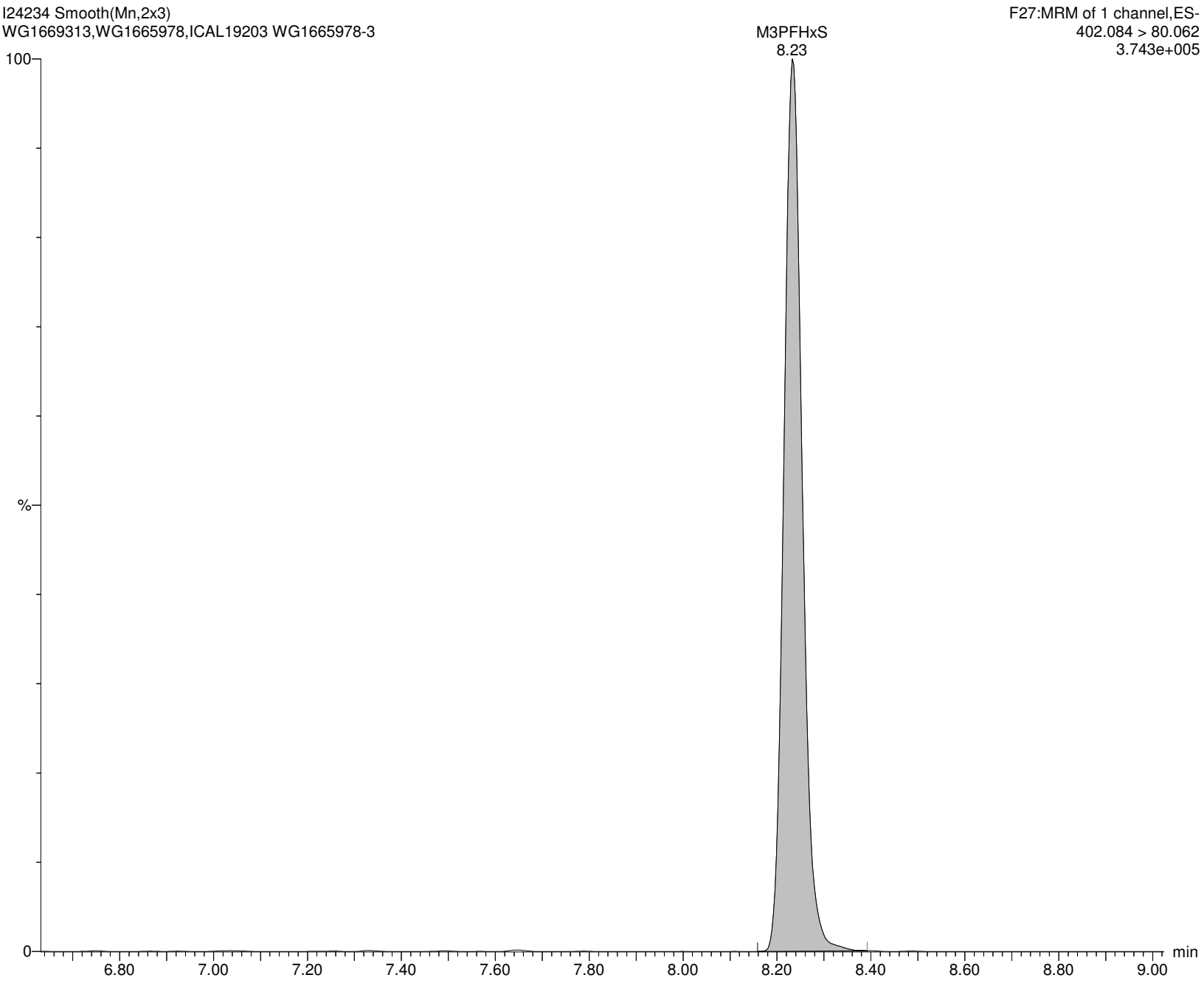


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:27 Eastern Daylight Time

Name: I24234
ID: WG1665978-3
Date: 31-Jul-2022
Time: 00:51:24
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M3PFHxS

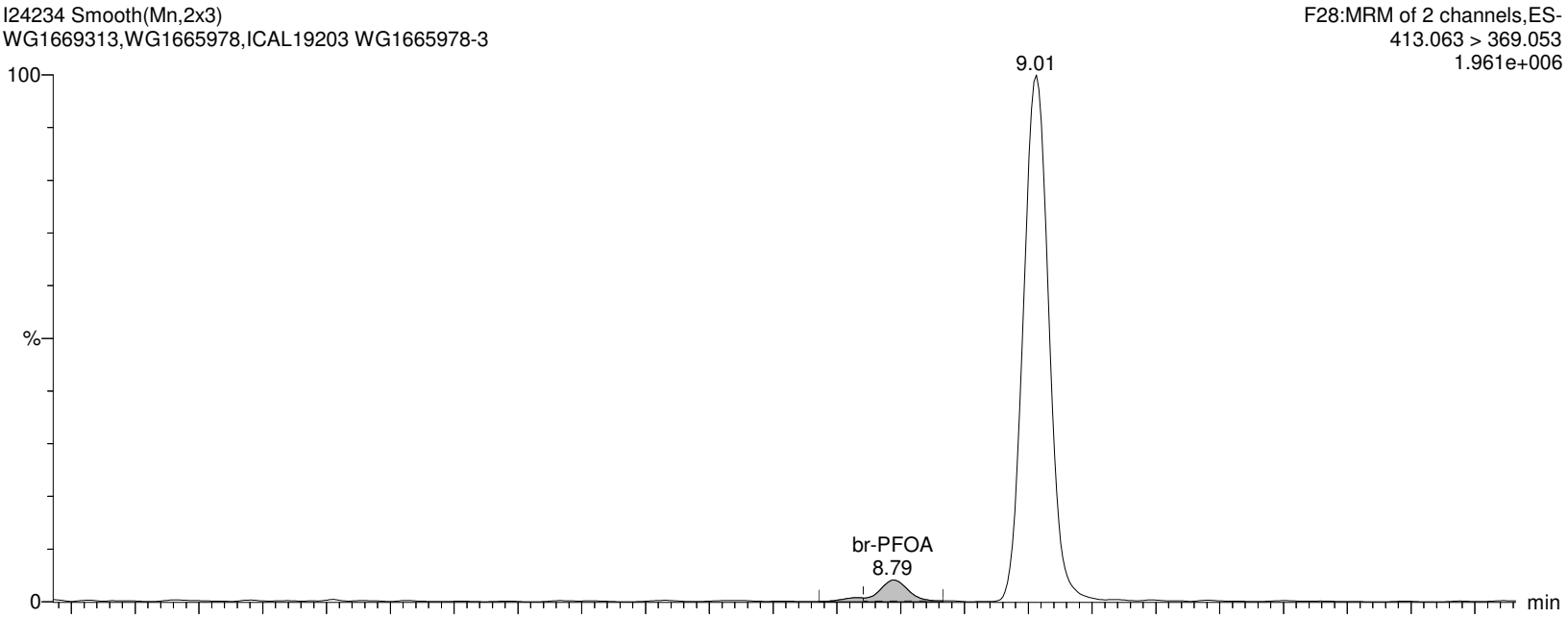


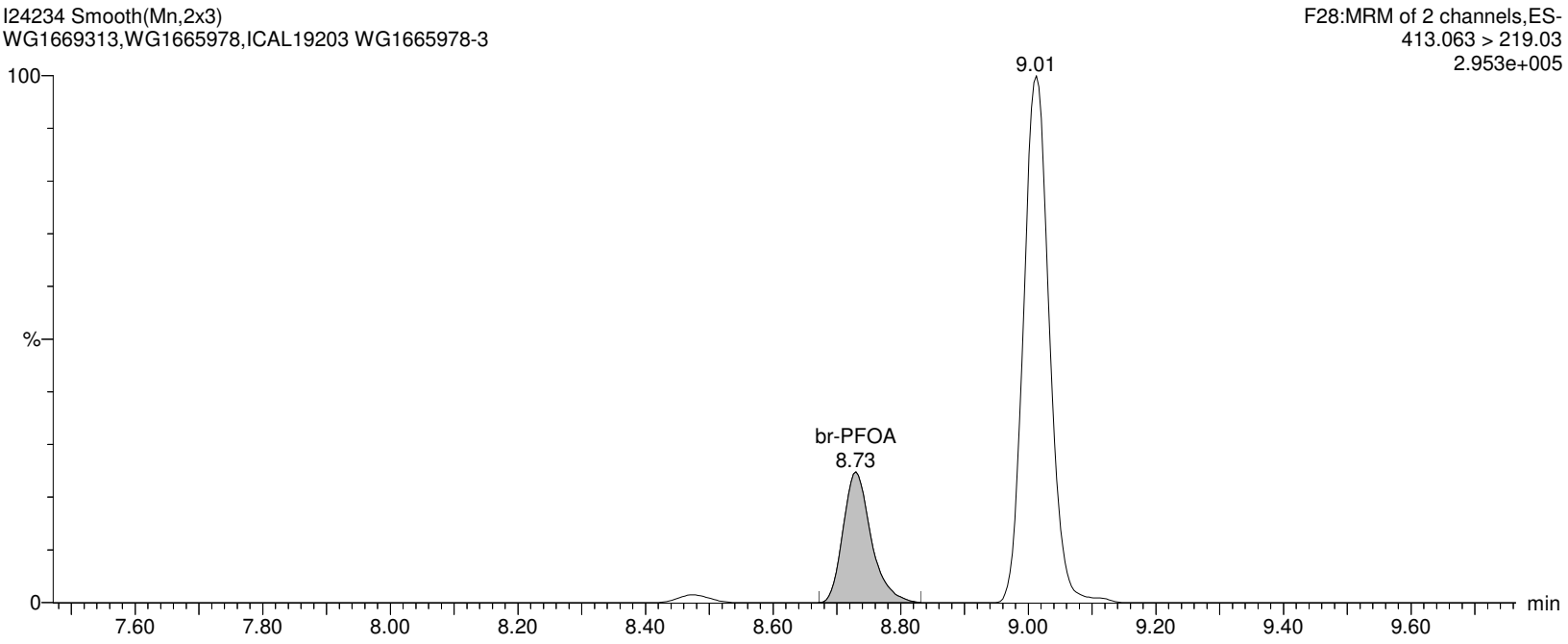
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:27 Eastern Daylight Time

Name: I24234
ID: WG1665978-3
Date: 31-Jul-2022
Time: 00:51:24
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

br-PFOA



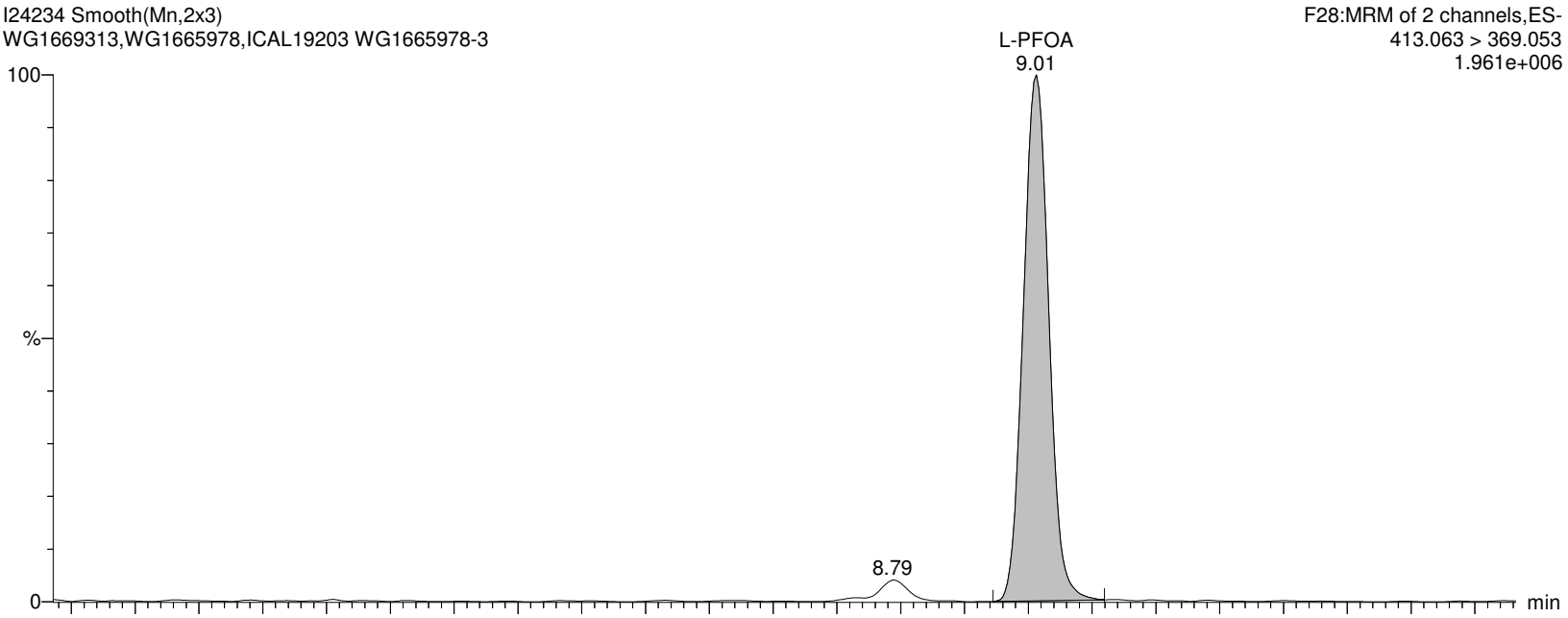


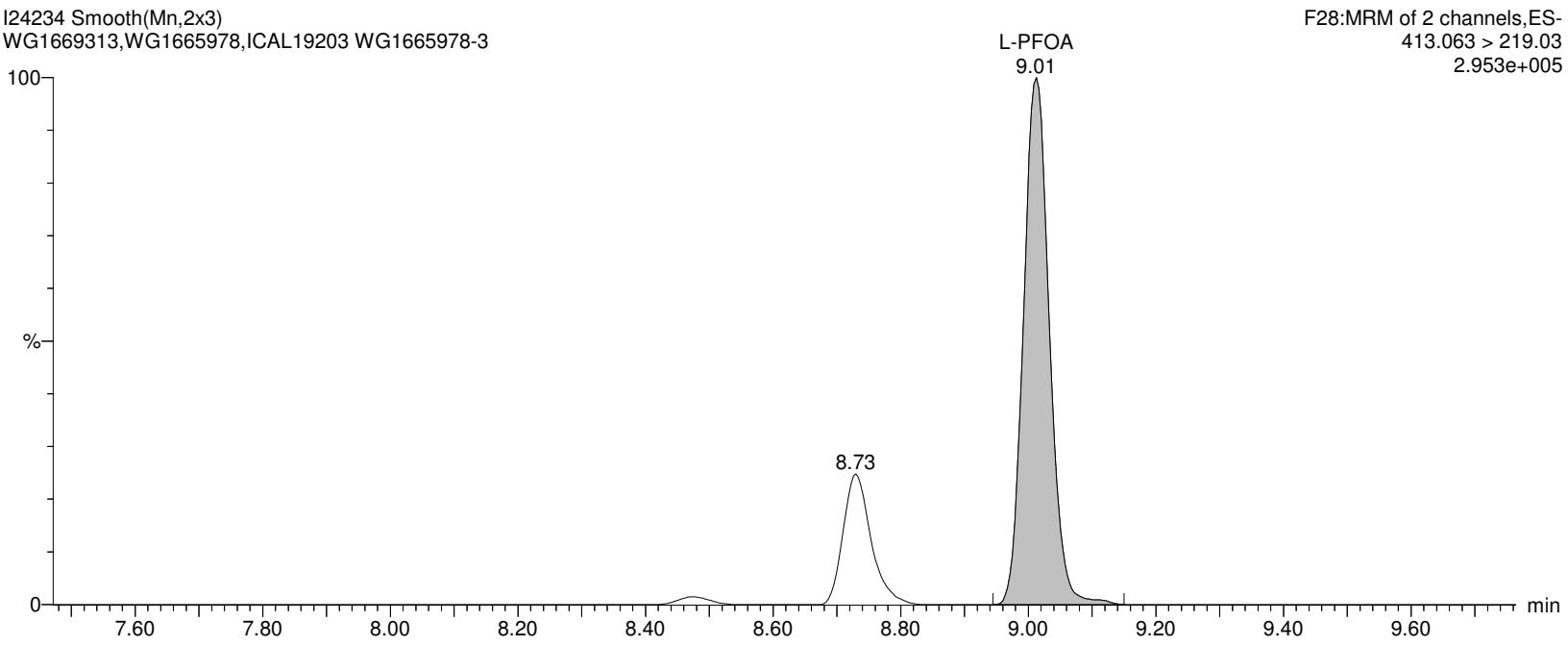
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:27 Eastern Daylight Time

Name: I24234
ID: WG1665978-3
Date: 31-Jul-2022
Time: 00:51:24
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

L-PFOA



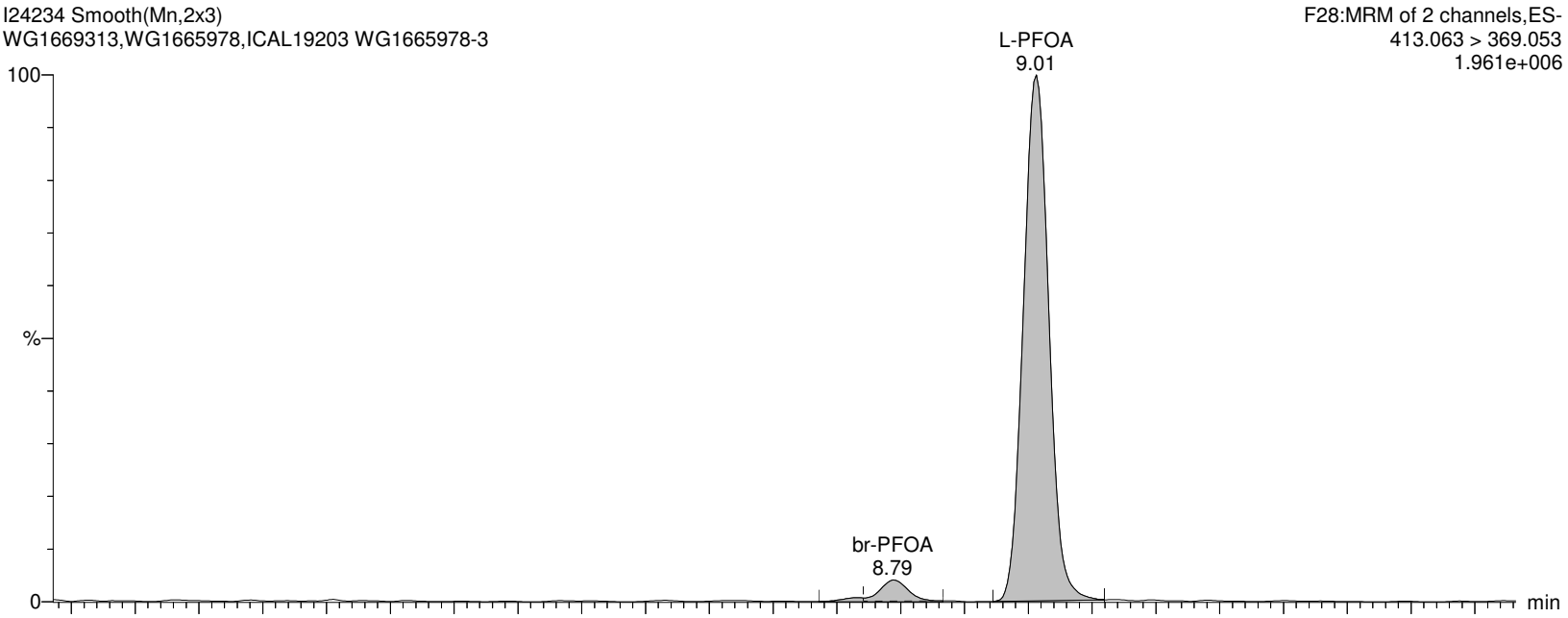


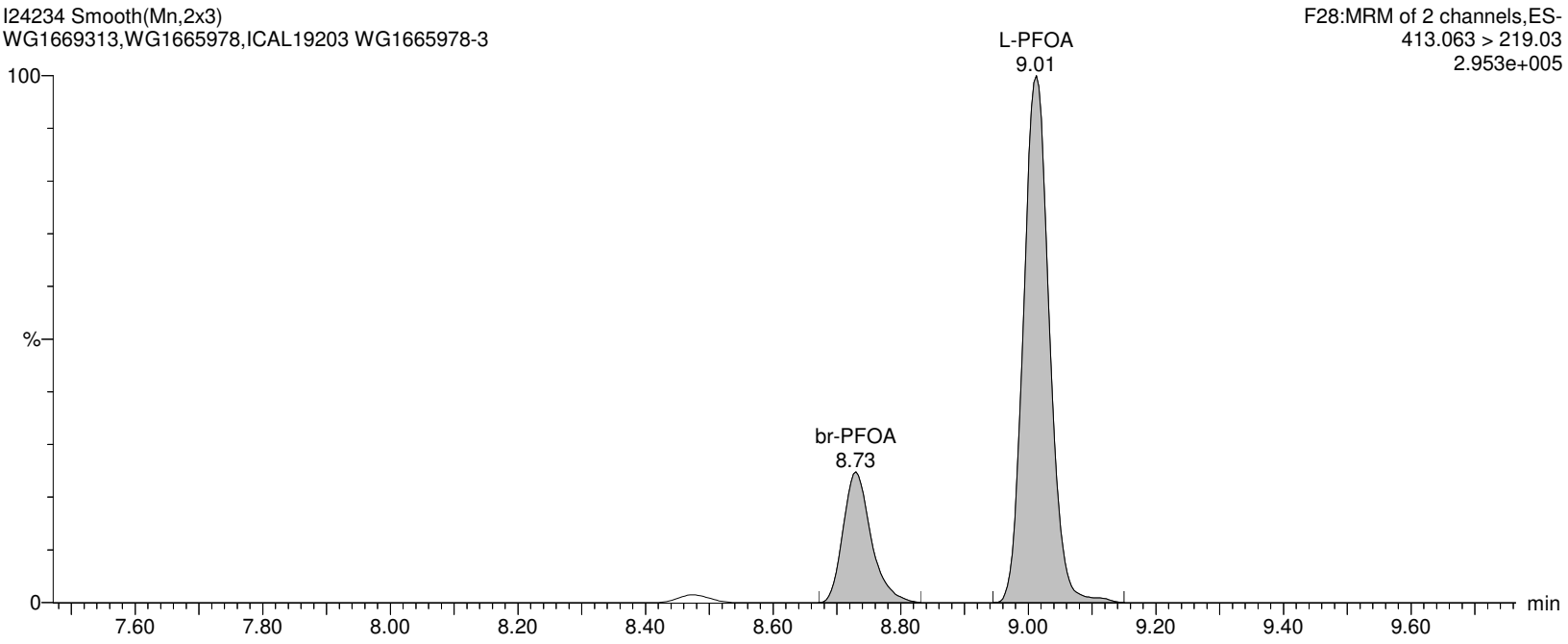
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:27 Eastern Daylight Time

Name: I24234
ID: WG1665978-3
Date: 31-Jul-2022
Time: 00:51:24
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFOA



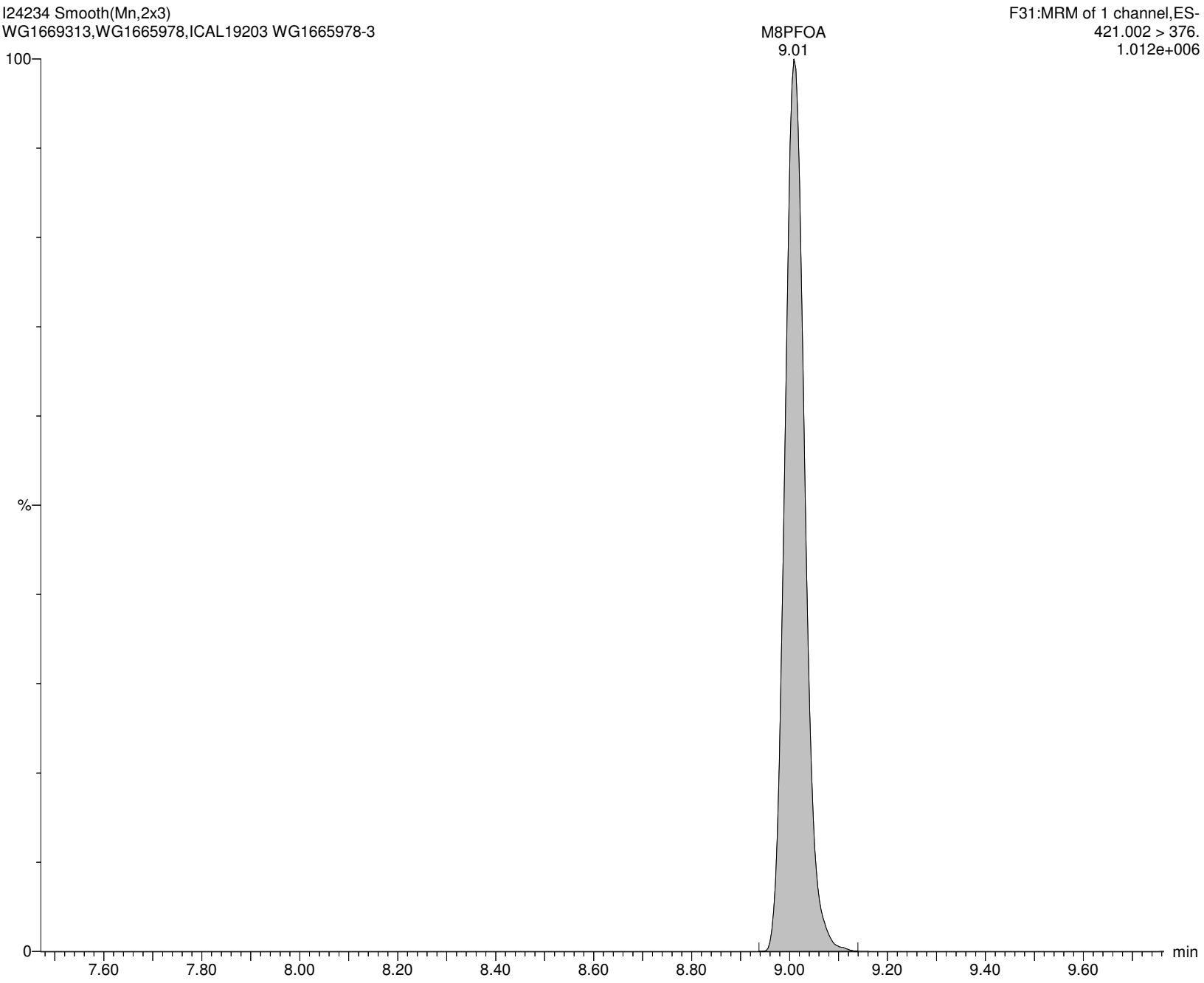


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:27 Eastern Daylight Time

Name: I24234
ID: WG1665978-3
Date: 31-Jul-2022
Time: 00:51:24
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M8PFOA

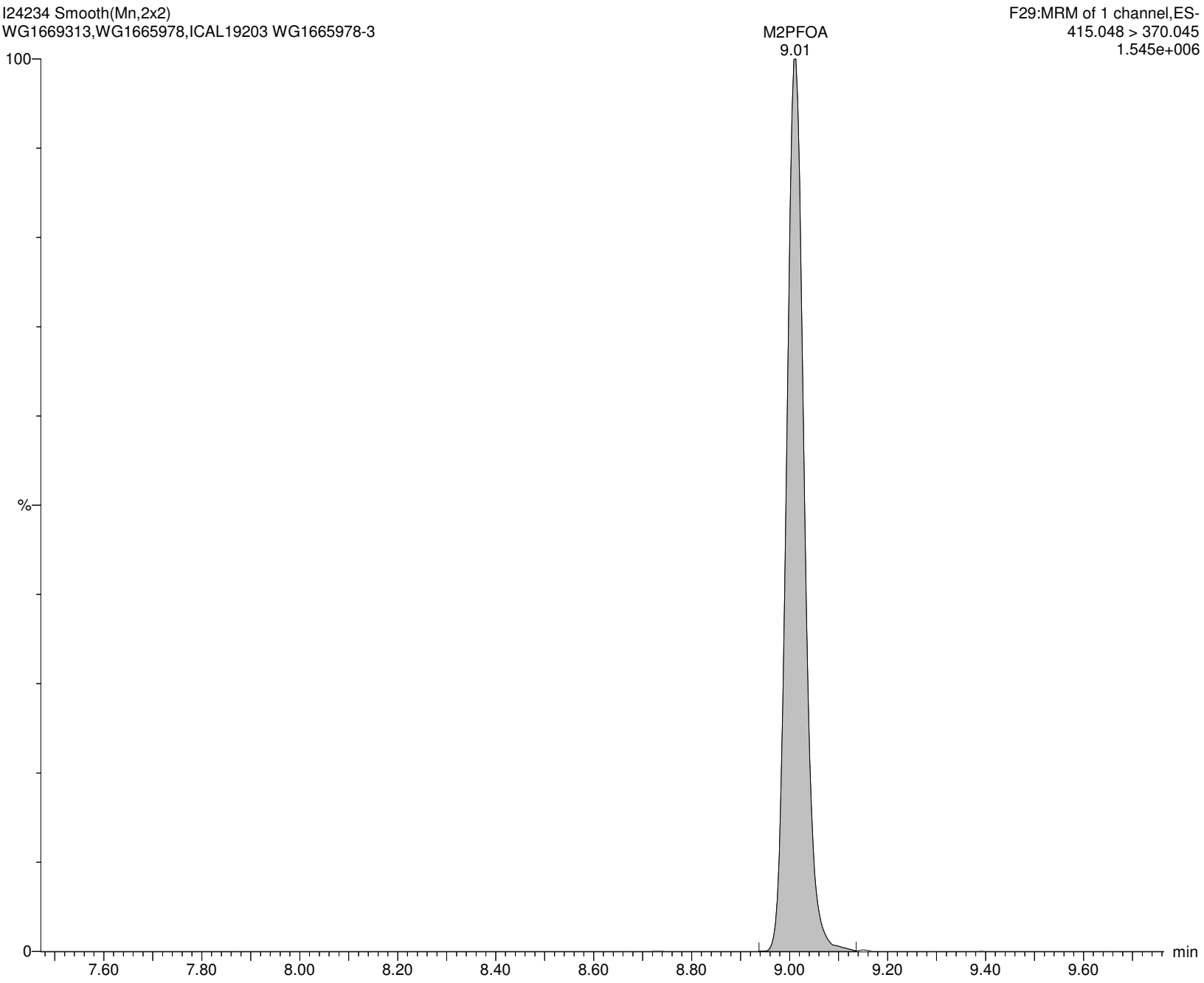


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:27 Eastern Daylight Time

Name: I24234
ID: WG1665978-3
Date: 31-Jul-2022
Time: 00:51:24
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2PFOA

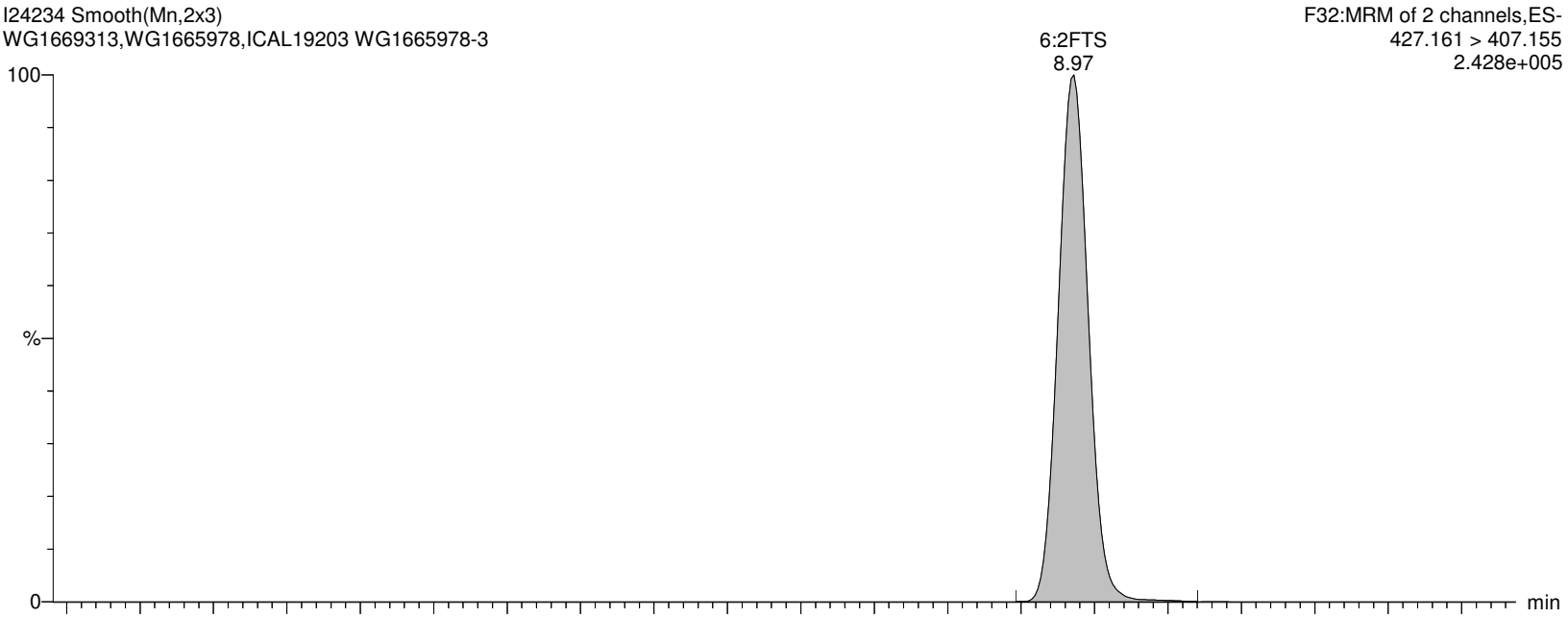


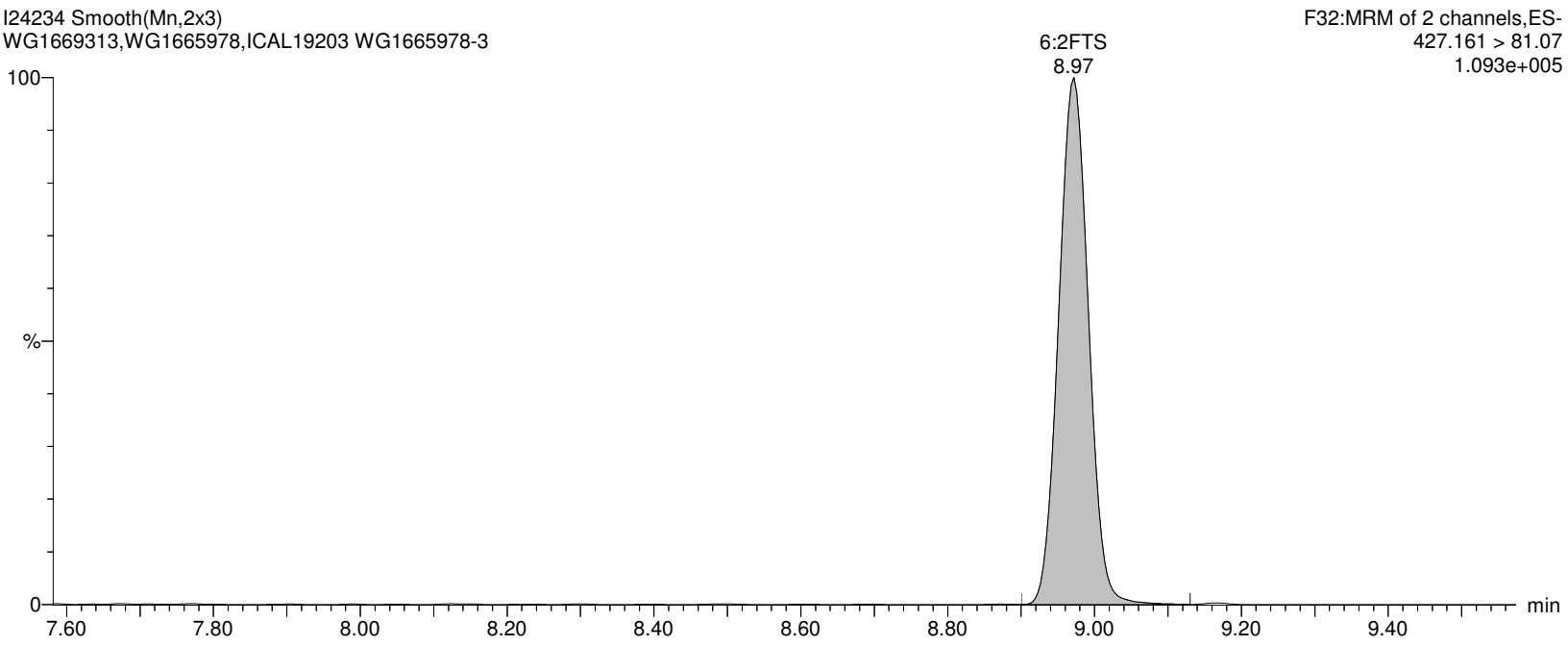
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:27 Eastern Daylight Time

Name: I24234
ID: WG1665978-3
Date: 31-Jul-2022
Time: 00:51:24
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

6:2FTS



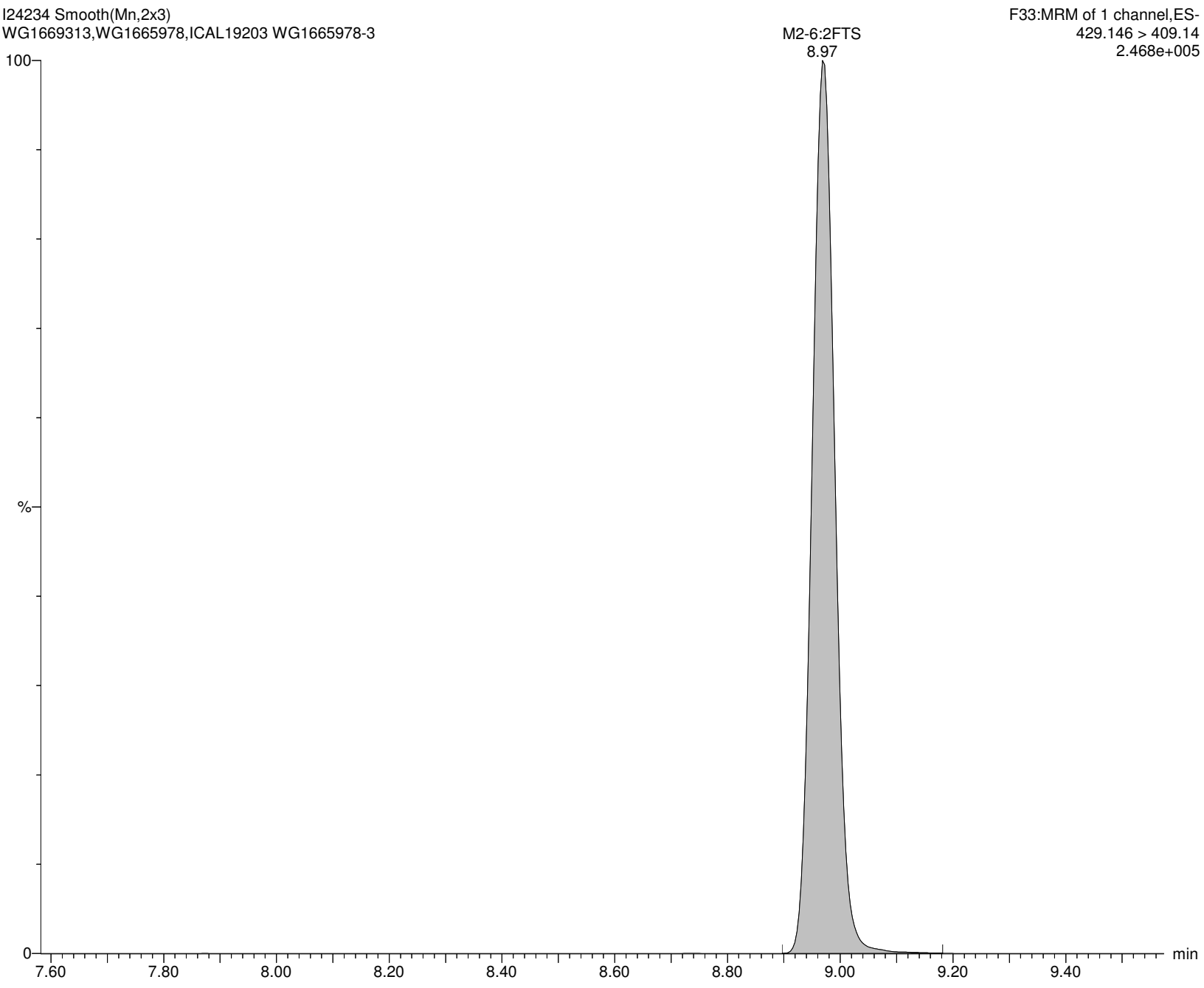


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:27 Eastern Daylight Time

Name: I24234
ID: WG1665978-3
Date: 31-Jul-2022
Time: 00:51:24
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2-6:2FTS

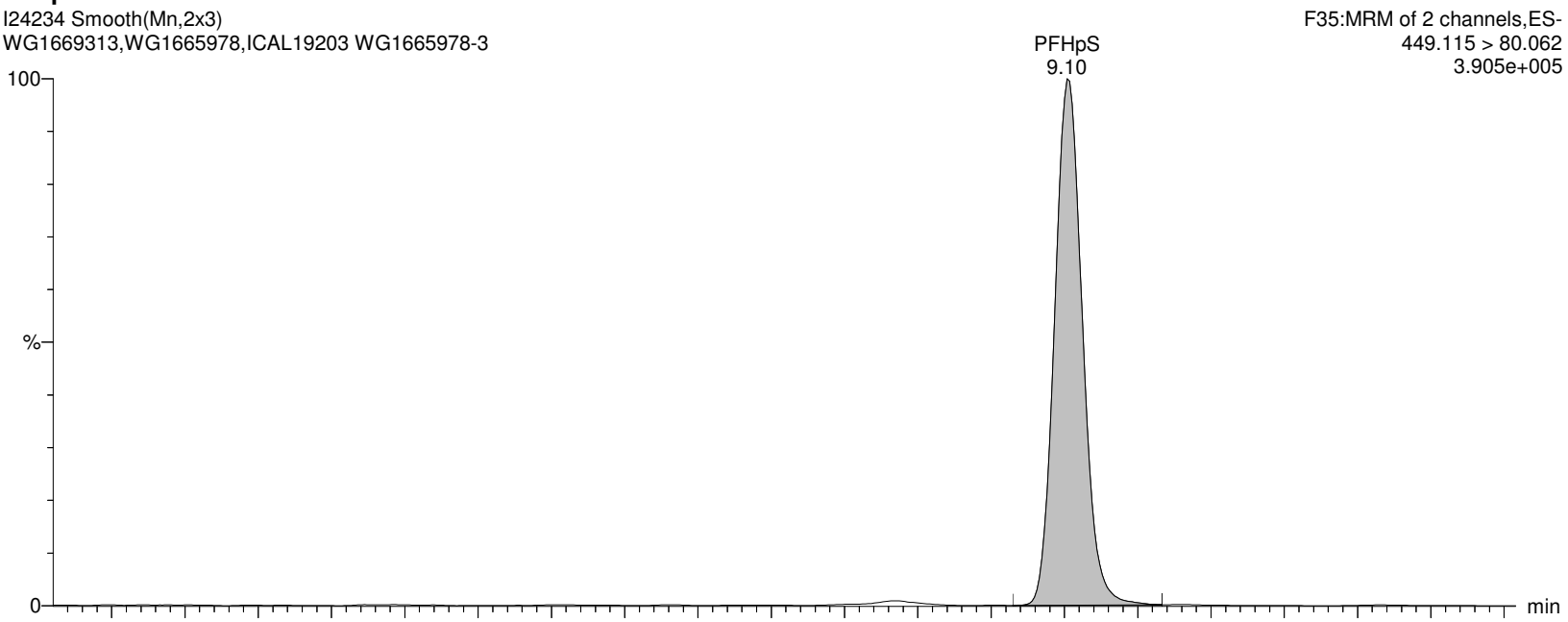


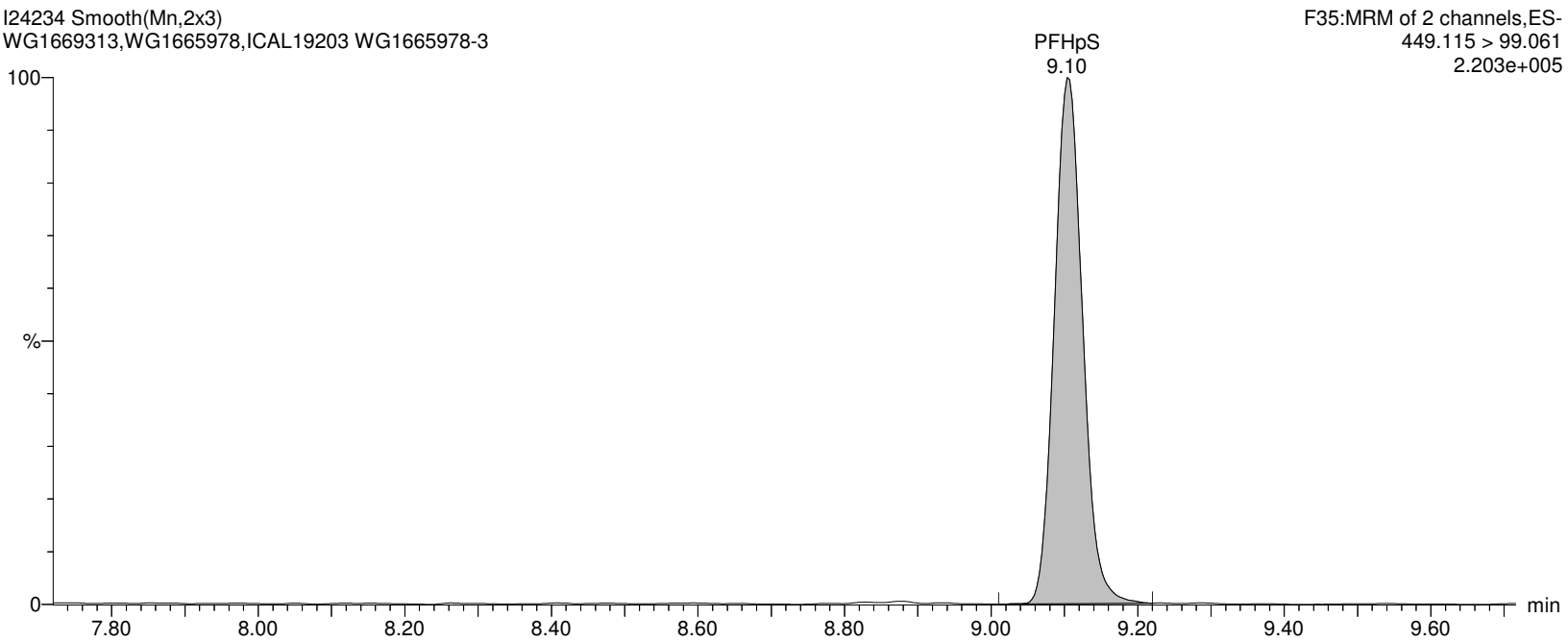
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:27 Eastern Daylight Time

Name: I24234
ID: WG1665978-3
Date: 31-Jul-2022
Time: 00:51:24
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFHpS



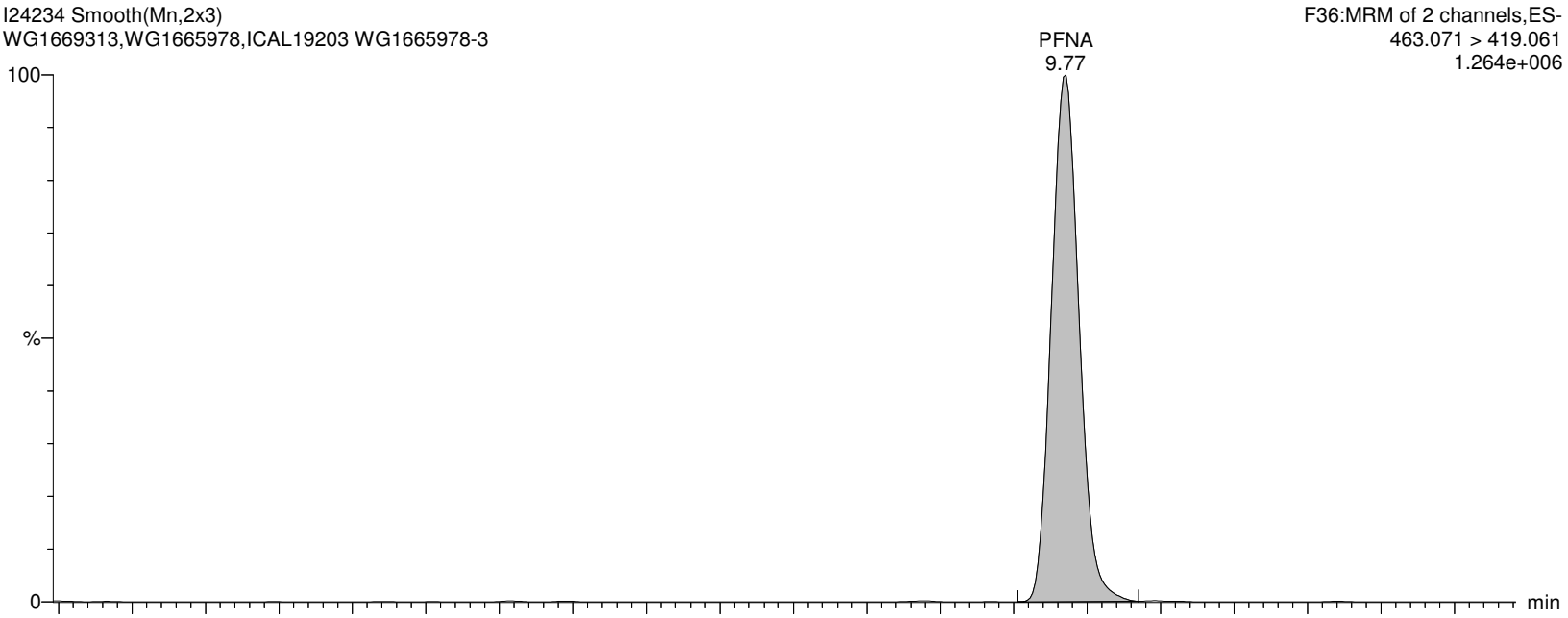


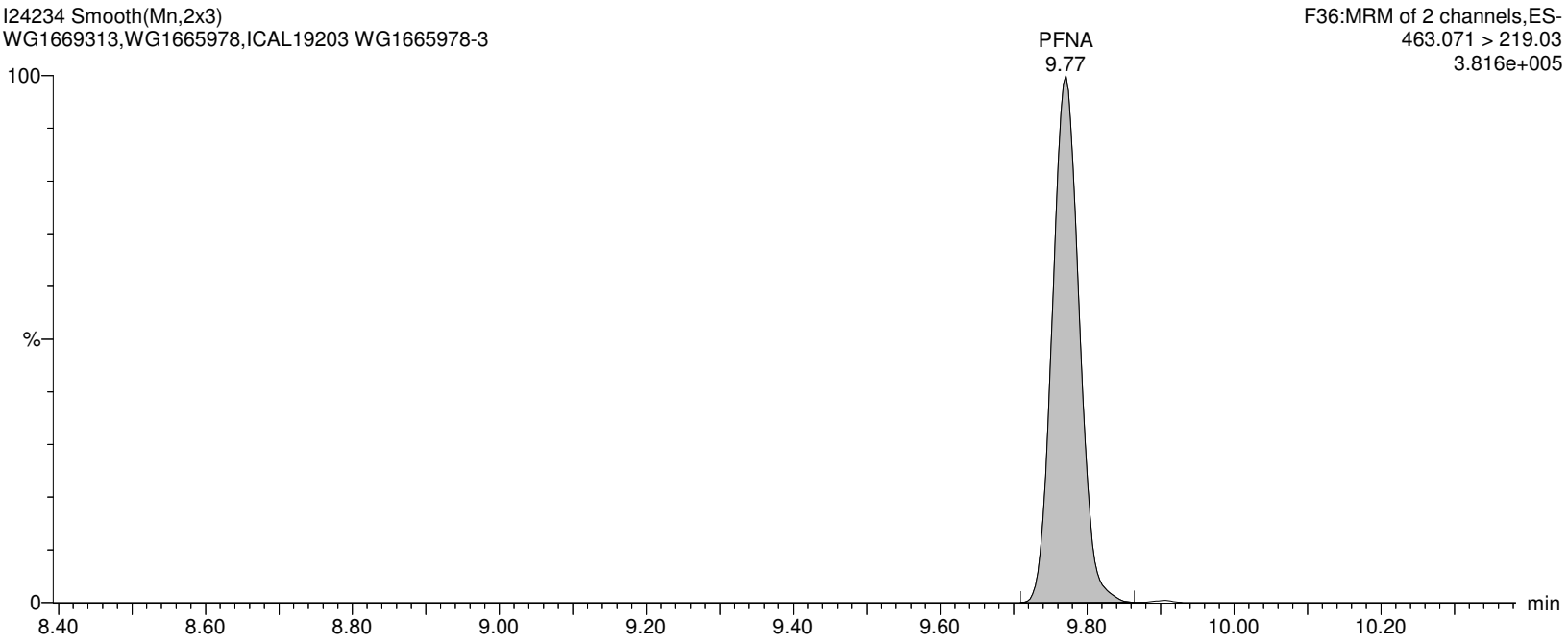
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:27 Eastern Daylight Time

Name: I24234
ID: WG1665978-3
Date: 31-Jul-2022
Time: 00:51:24
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFNA



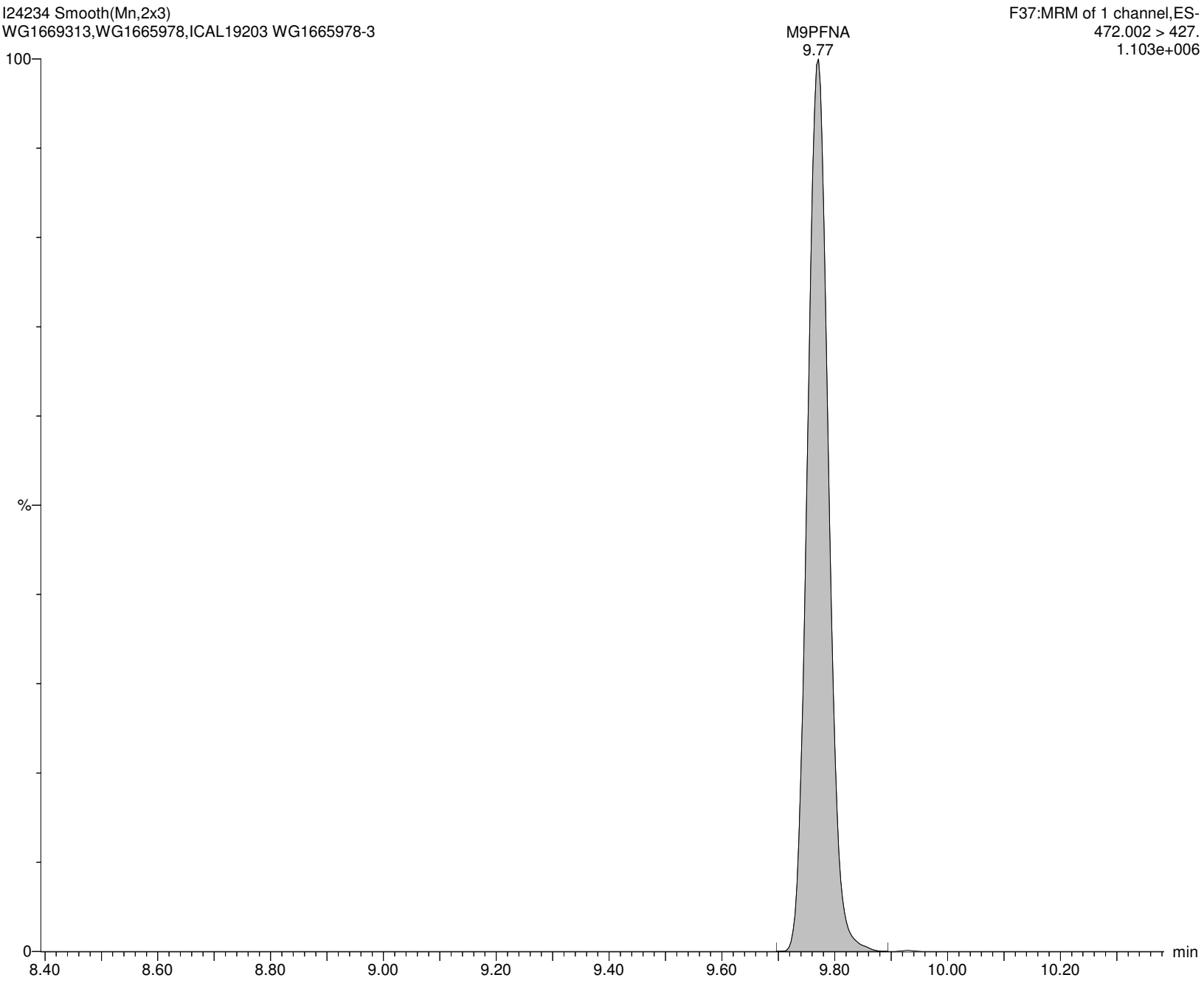


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:27 Eastern Daylight Time

Name: I24234
ID: WG1665978-3
Date: 31-Jul-2022
Time: 00:51:24
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M9PFNA

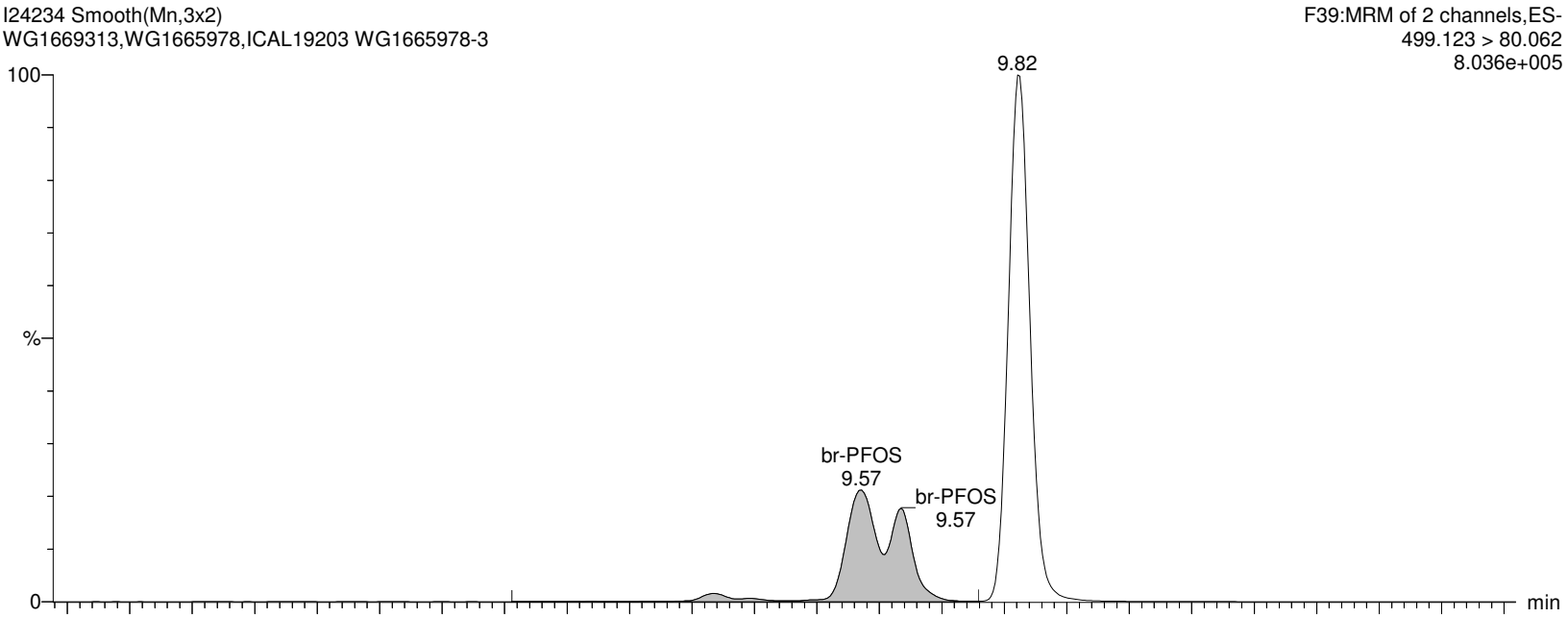


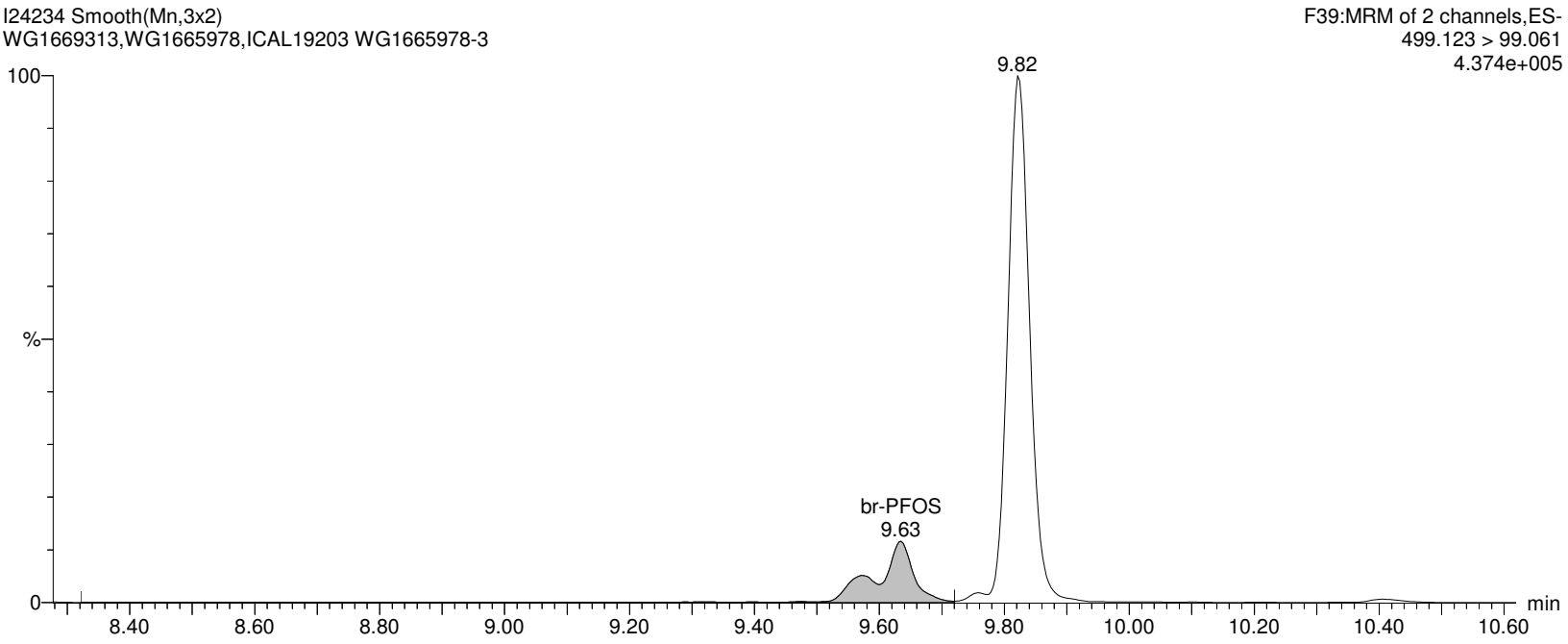
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:27 Eastern Daylight Time

Name: I24234
ID: WG1665978-3
Date: 31-Jul-2022
Time: 00:51:24
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

br-PFOS



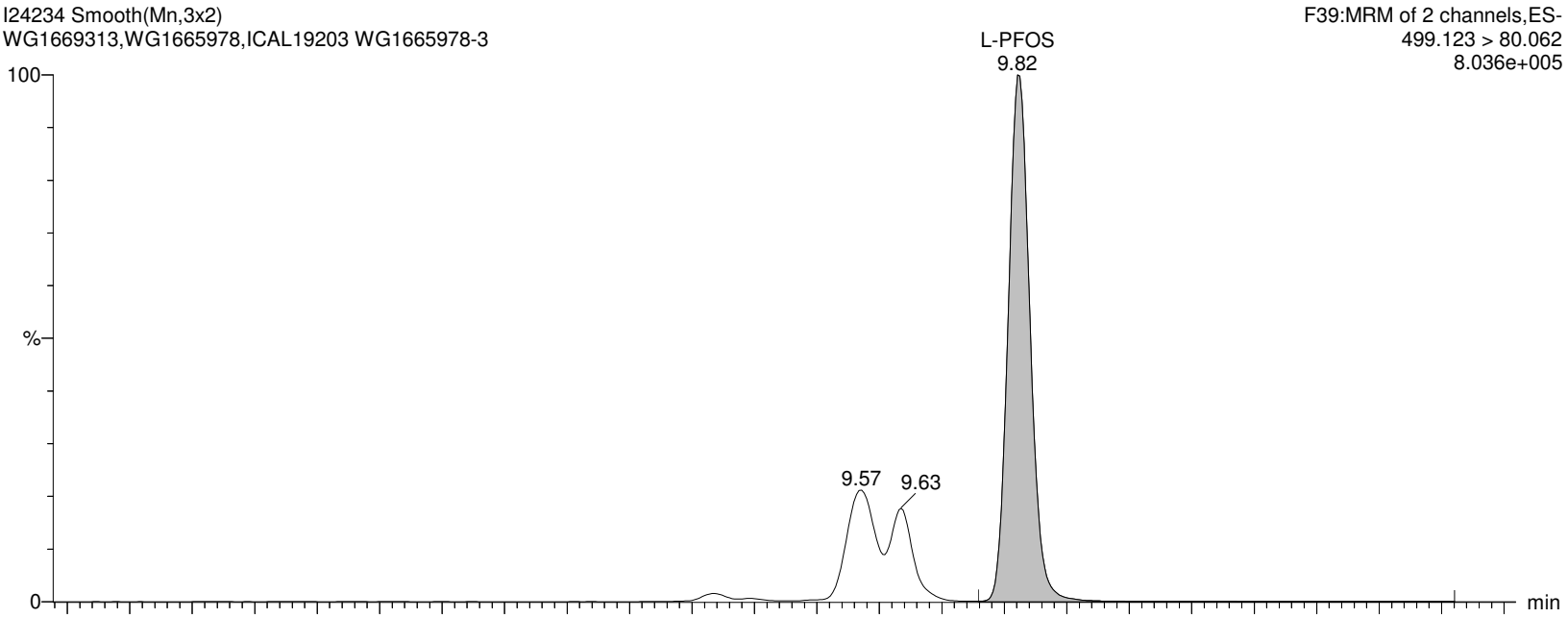


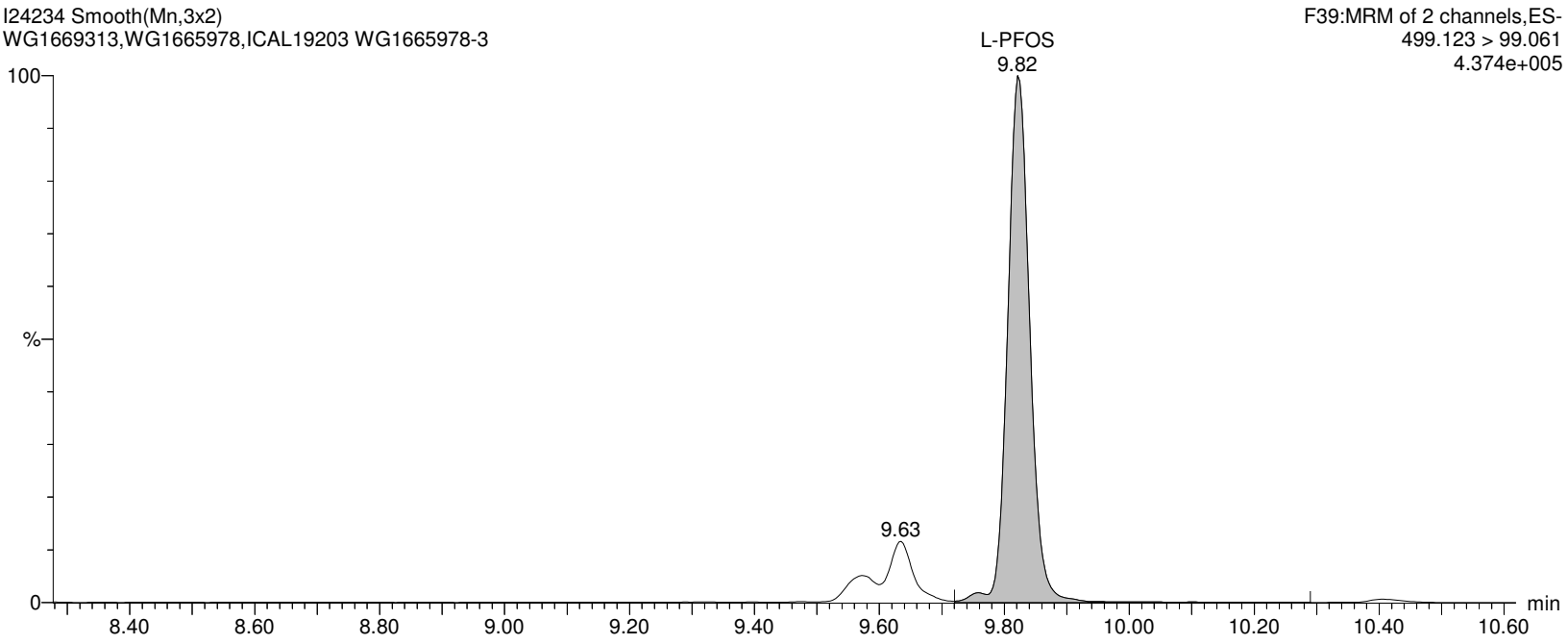
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:27 Eastern Daylight Time

Name: I24234
ID: WG1665978-3
Date: 31-Jul-2022
Time: 00:51:24
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

L-PFOS



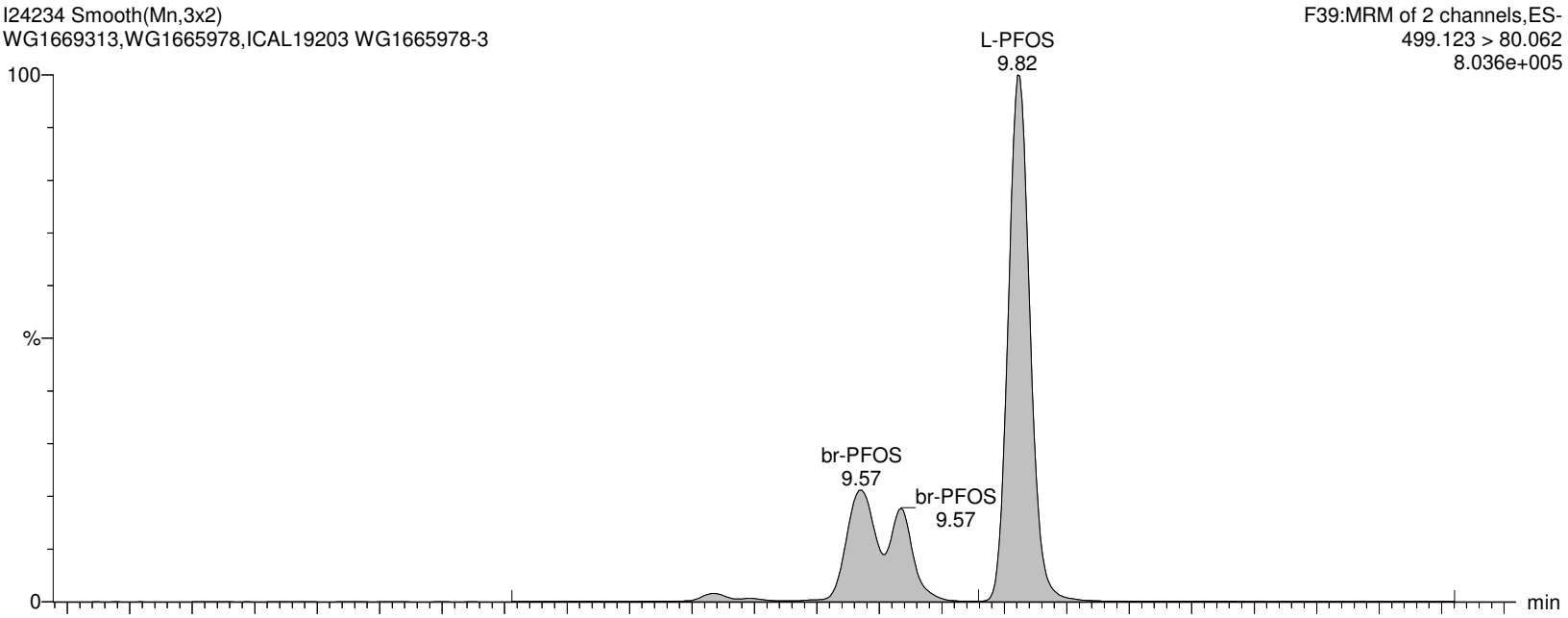


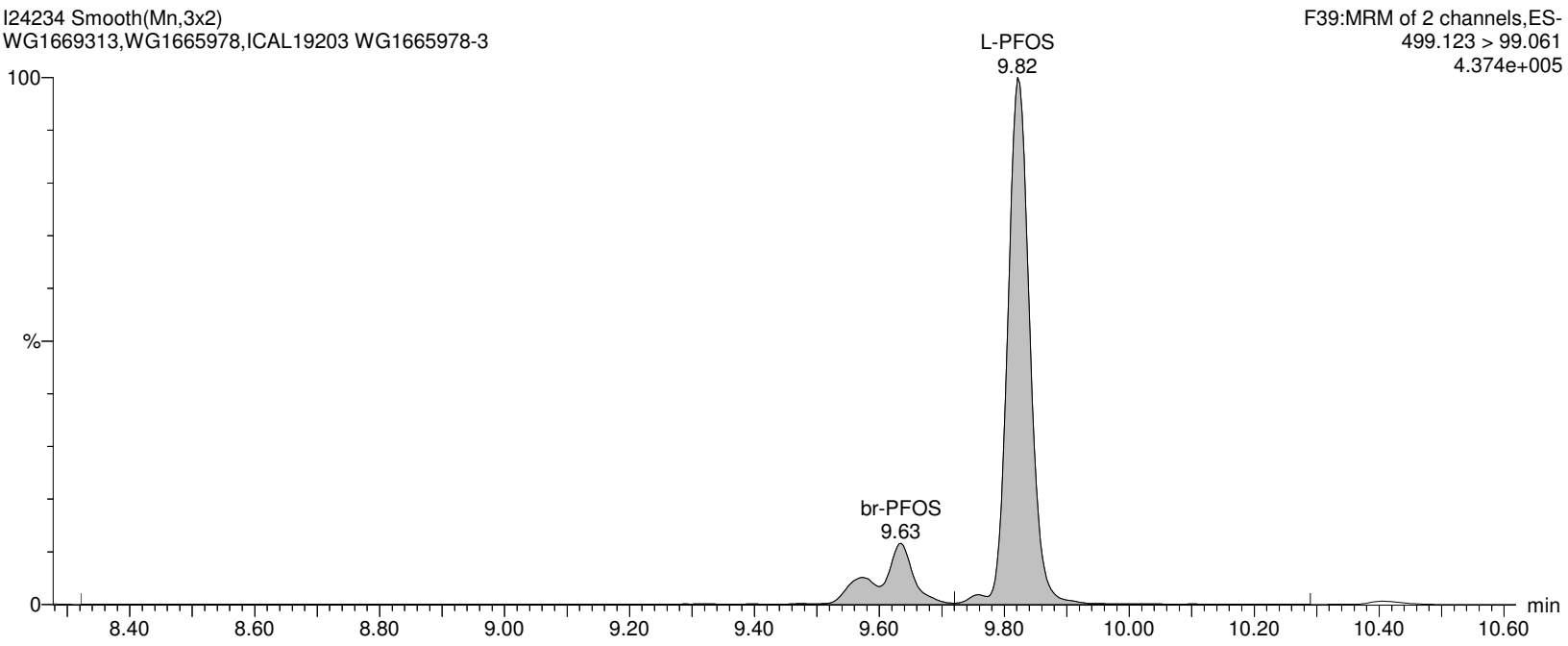
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:27 Eastern Daylight Time

Name: I24234
ID: WG1665978-3
Date: 31-Jul-2022
Time: 00:51:24
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFOS



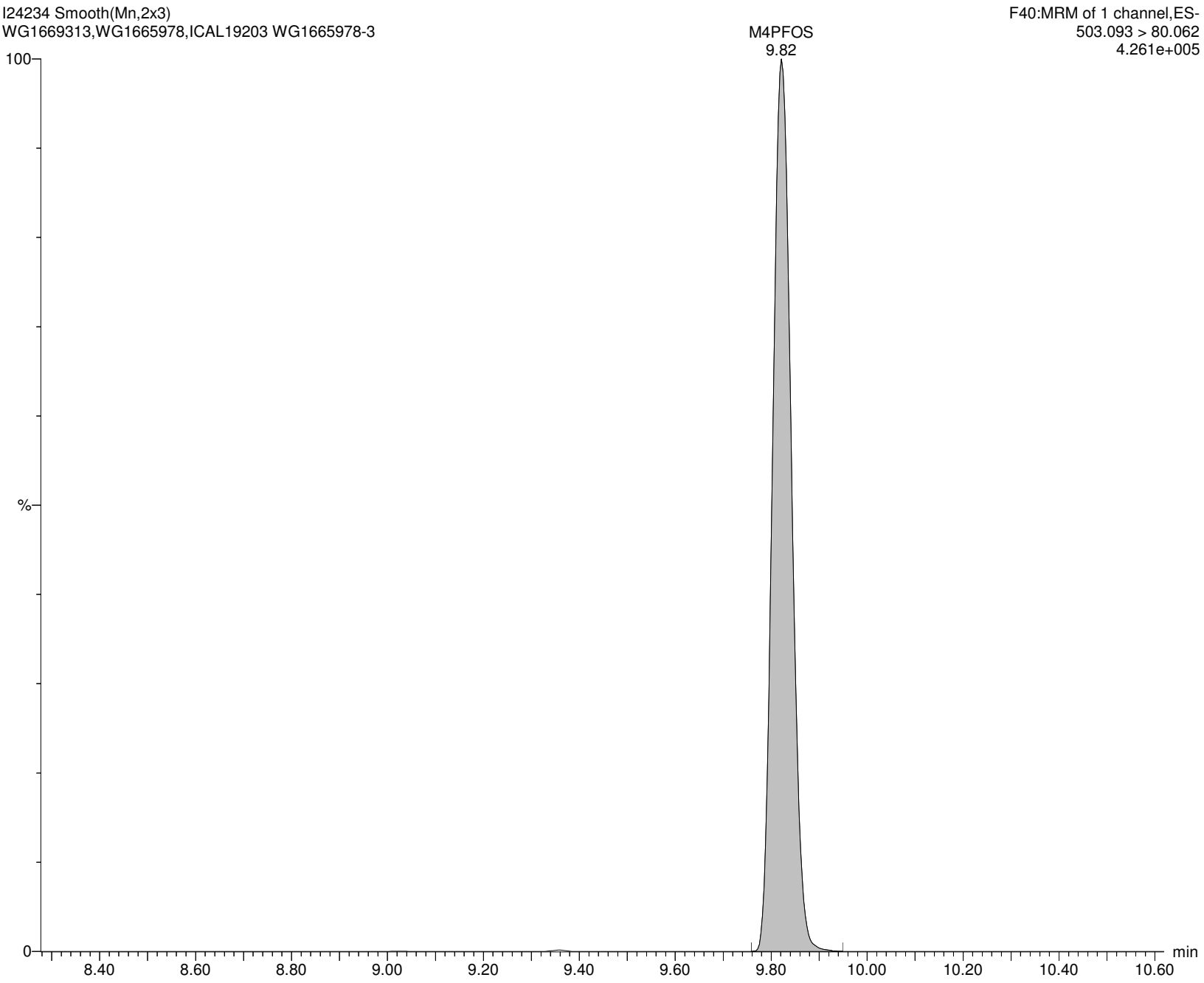


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:27 Eastern Daylight Time

Name: I24234
ID: WG1665978-3
Date: 31-Jul-2022
Time: 00:51:24
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M4PFOS

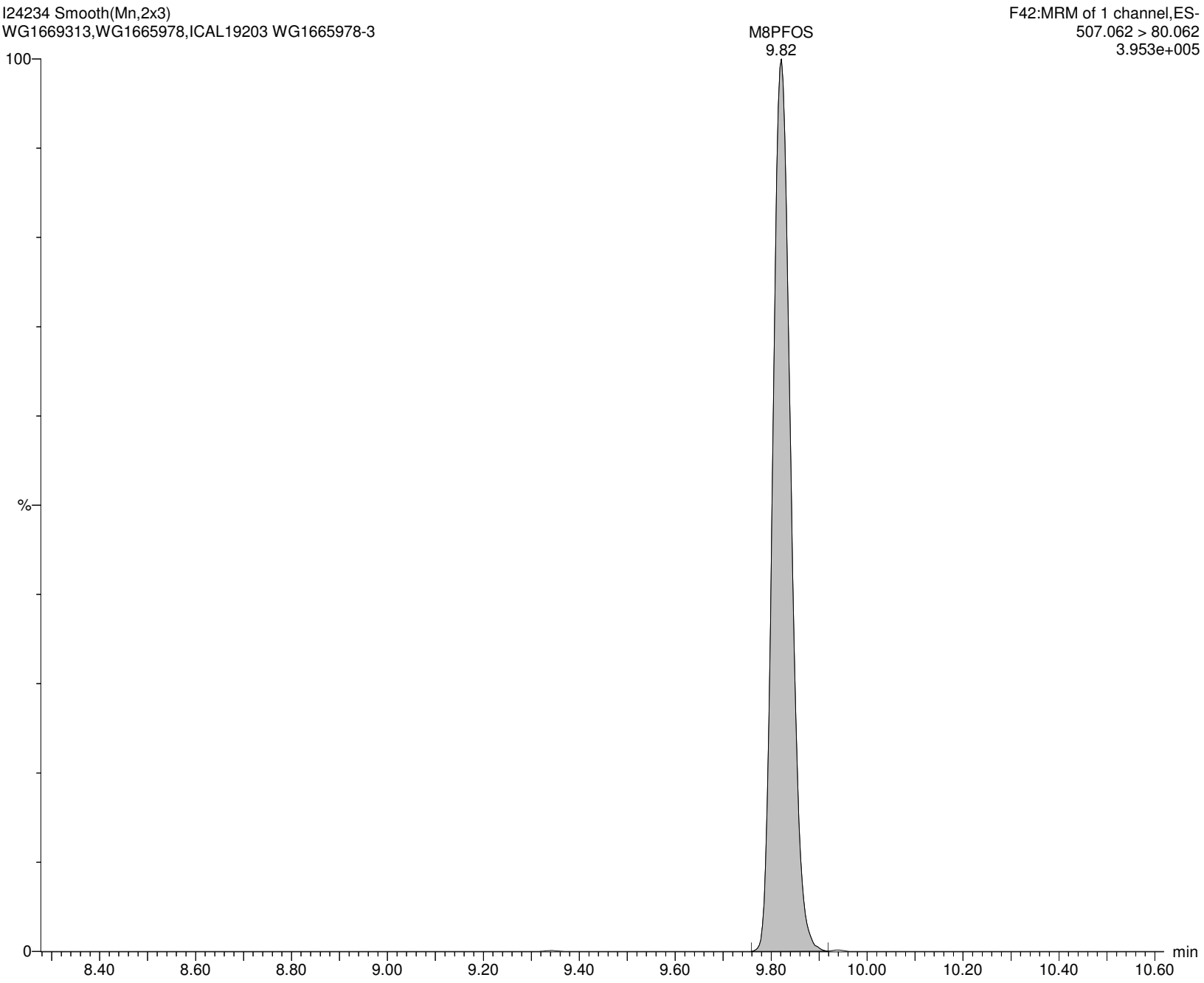


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:27 Eastern Daylight Time

Name: I24234
ID: WG1665978-3
Date: 31-Jul-2022
Time: 00:51:24
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M8PFOS

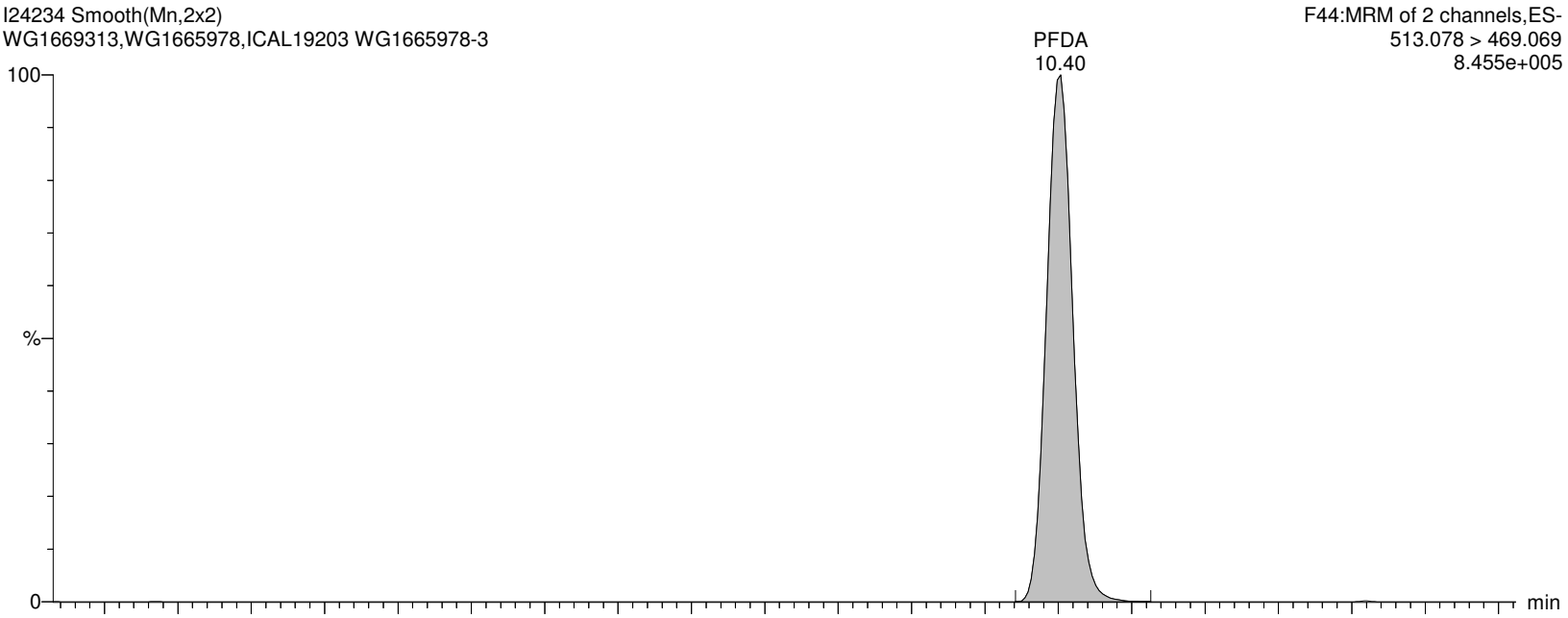


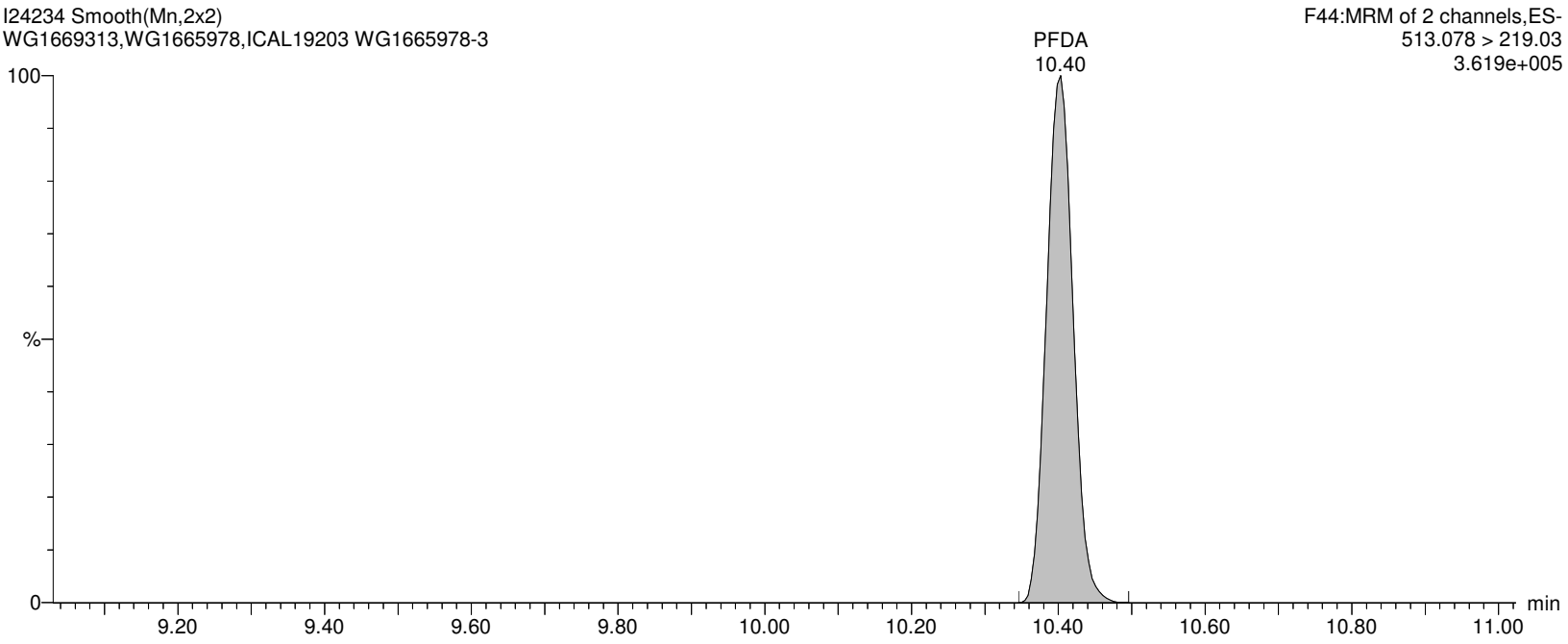
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:27 Eastern Daylight Time

Name: I24234
ID: WG1665978-3
Date: 31-Jul-2022
Time: 00:51:24
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFDA



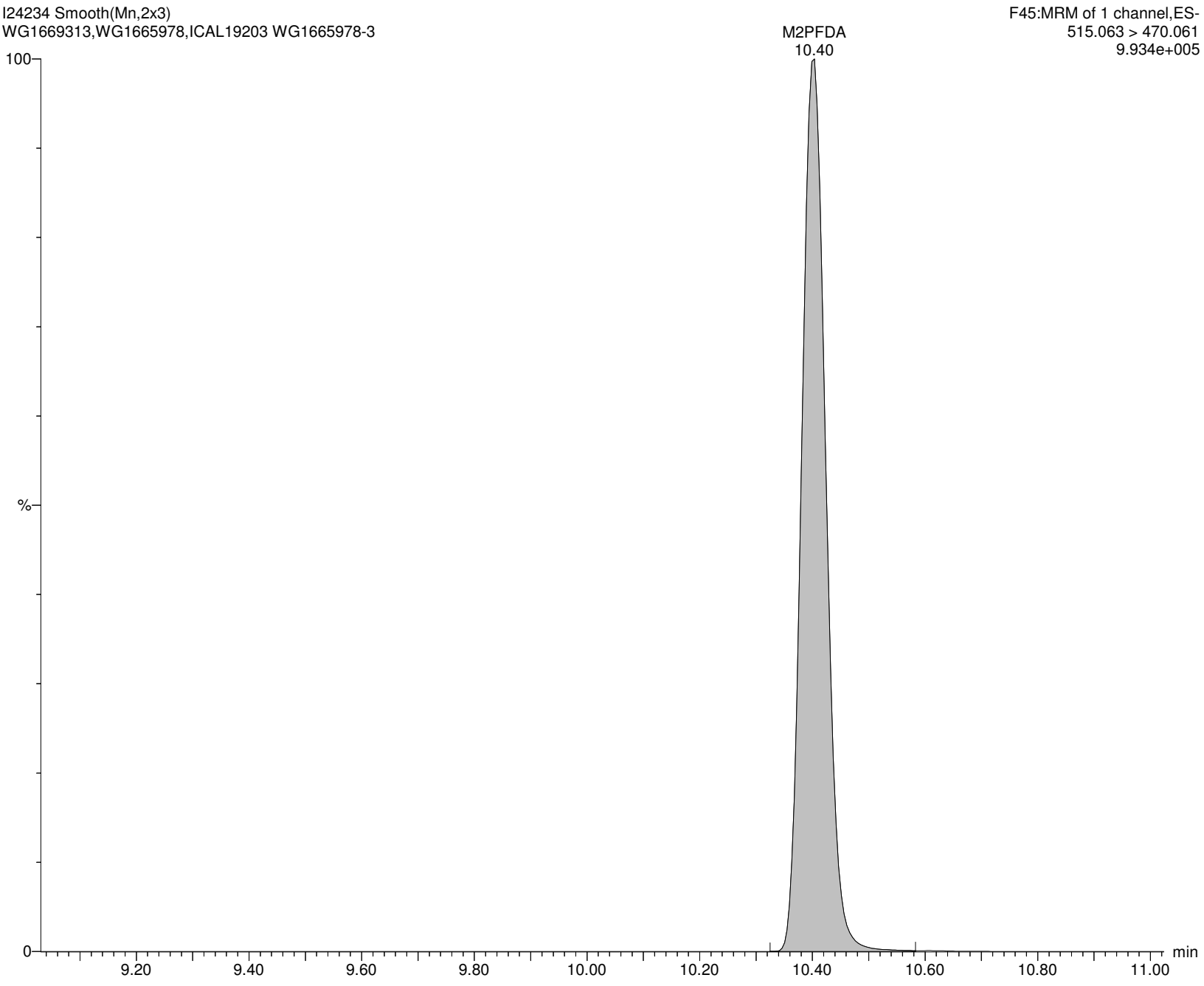


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:27 Eastern Daylight Time

Name: I24234
ID: WG1665978-3
Date: 31-Jul-2022
Time: 00:51:24
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2PFDA

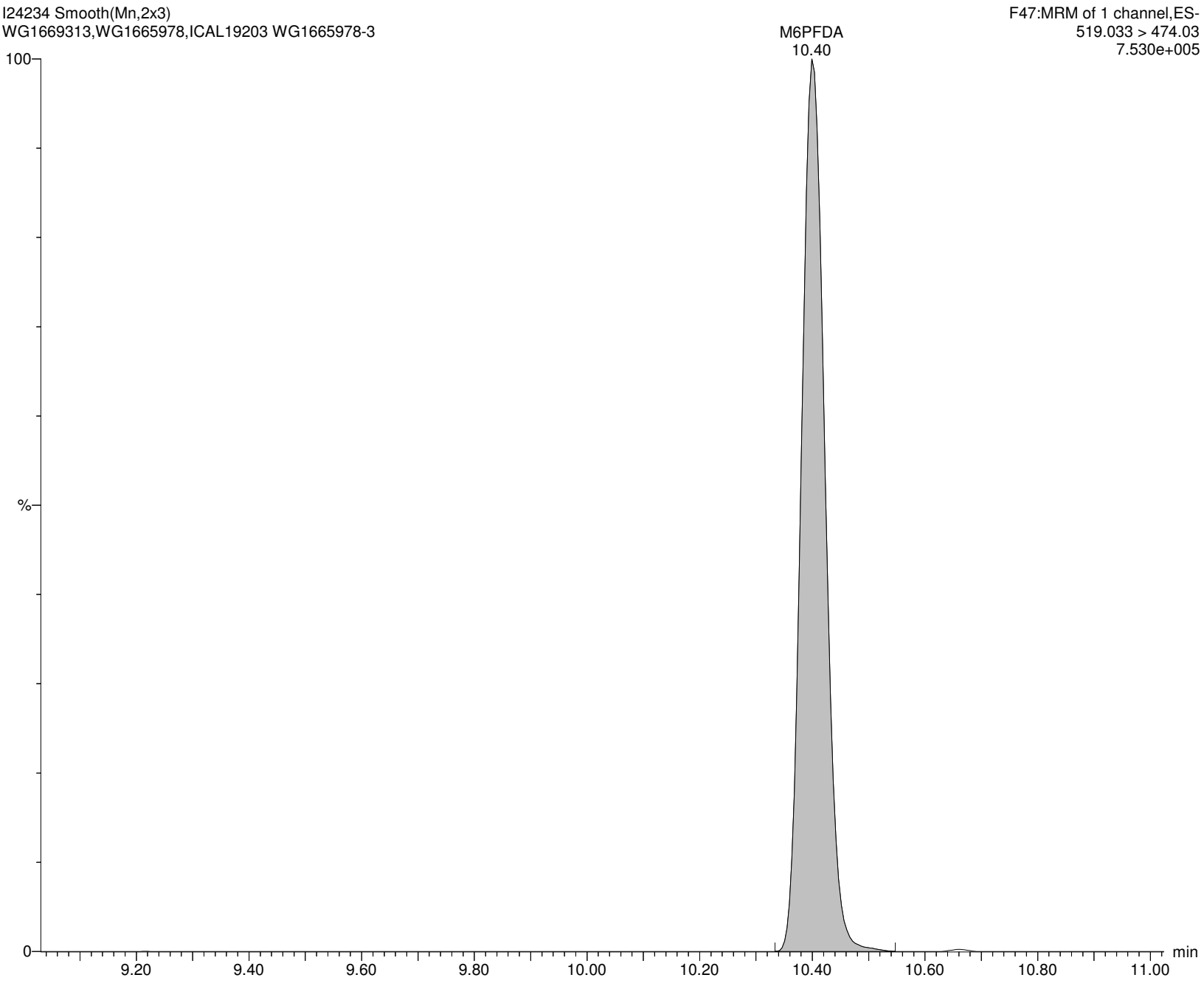


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:27 Eastern Daylight Time

Name: I24234
ID: WG1665978-3
Date: 31-Jul-2022
Time: 00:51:24
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M6PFDA

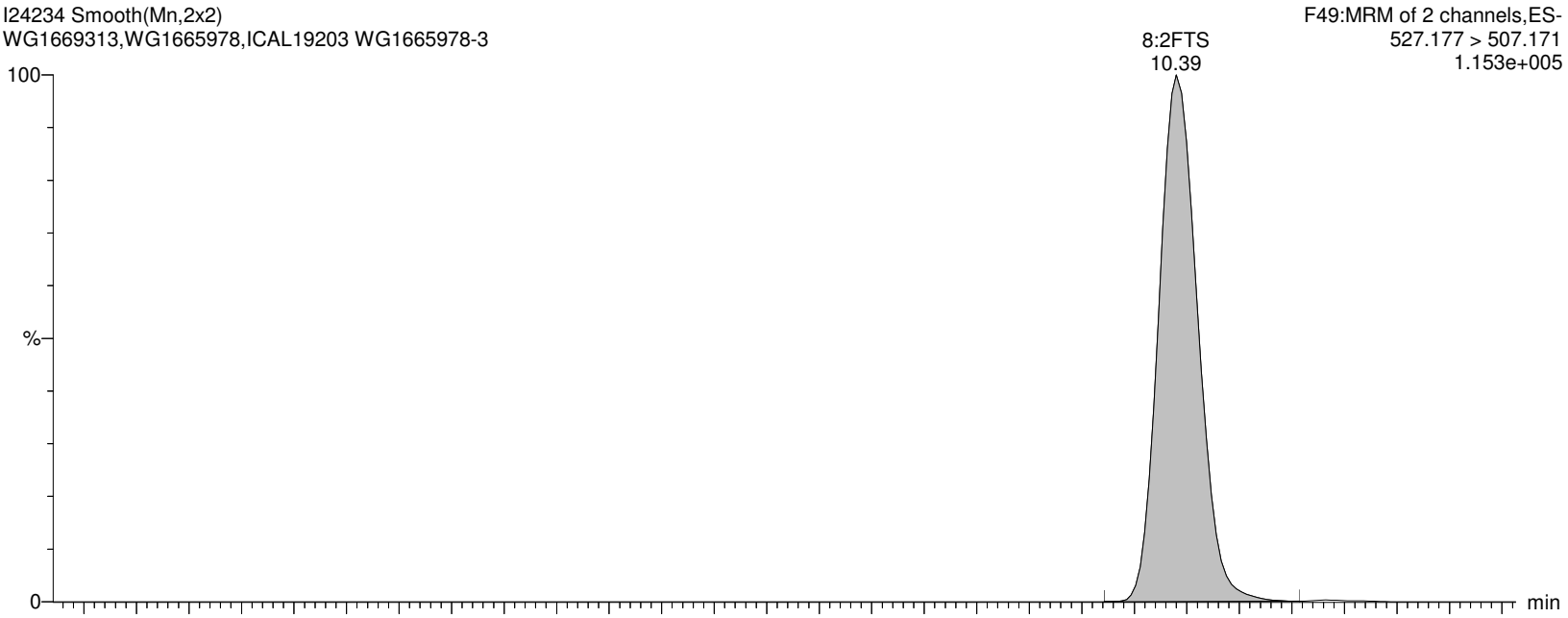


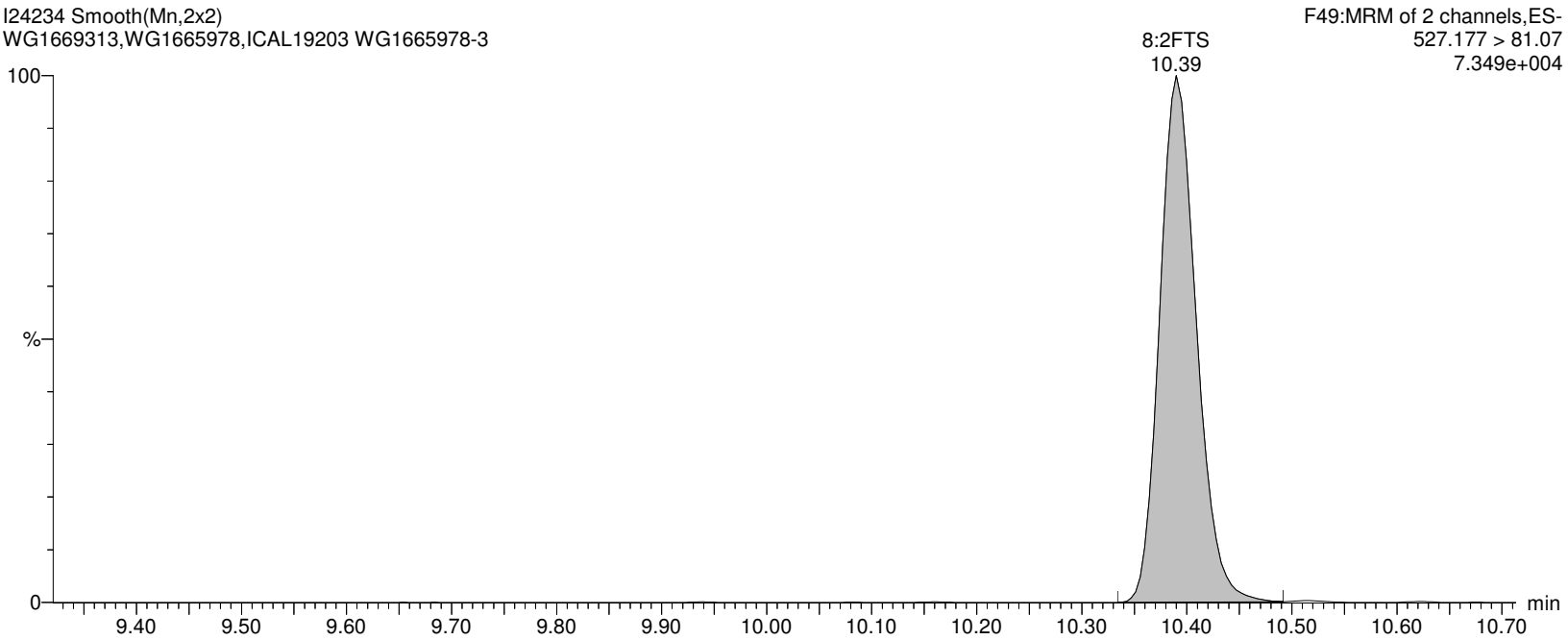
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:27 Eastern Daylight Time

Name: I24234
ID: WG1665978-3
Date: 31-Jul-2022
Time: 00:51:24
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

8:2FTS



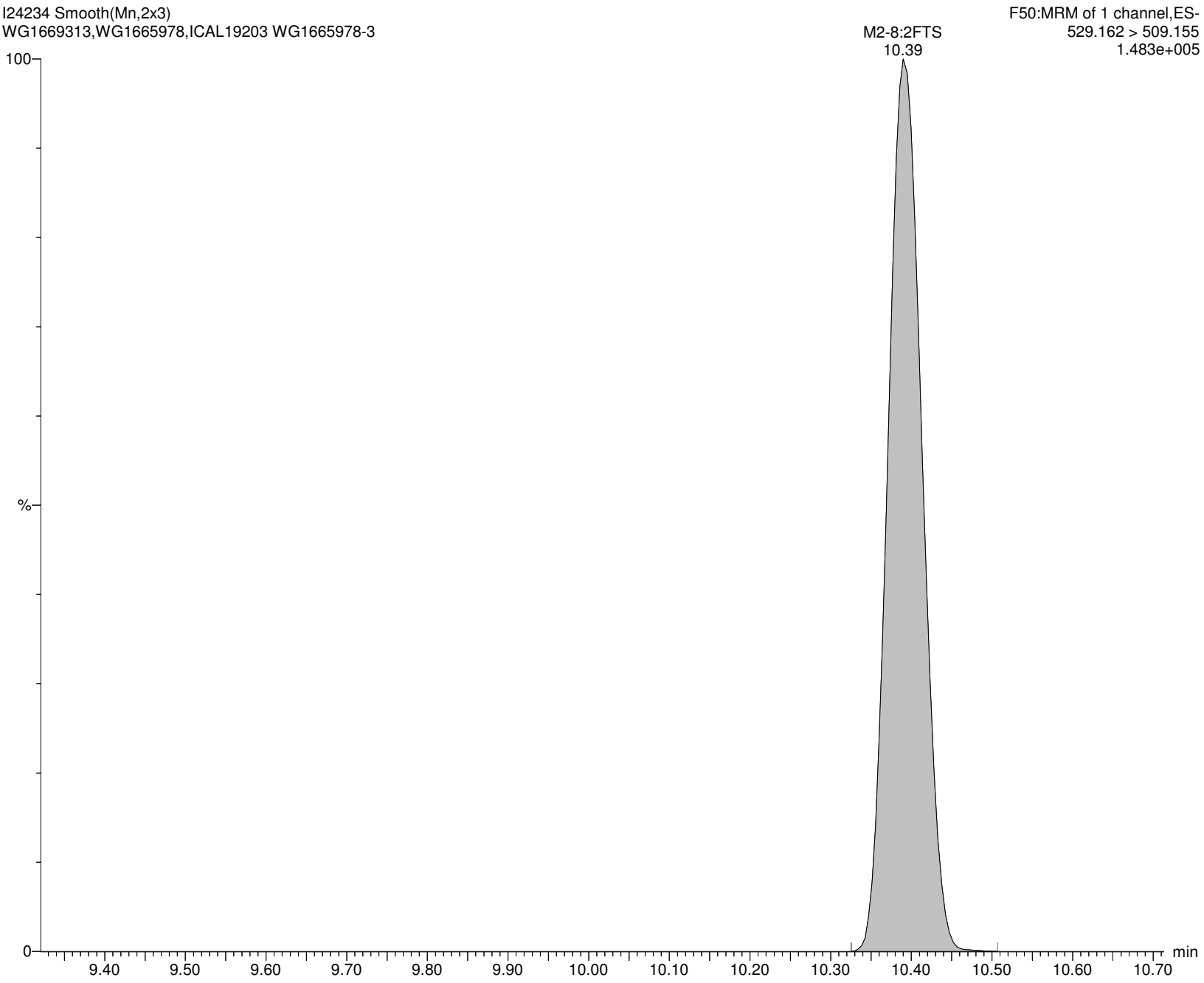


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:27 Eastern Daylight Time

Name: I24234
ID: WG1665978-3
Date: 31-Jul-2022
Time: 00:51:24
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2-8:2FTS

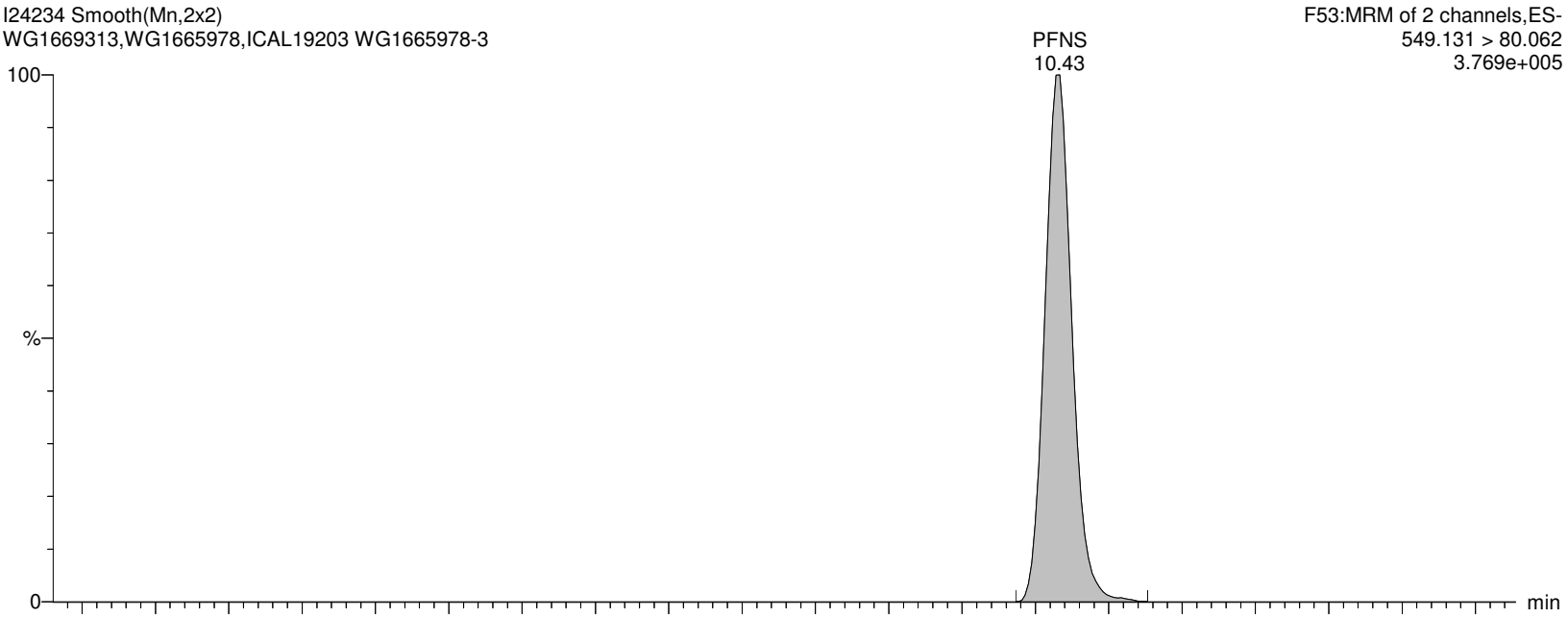


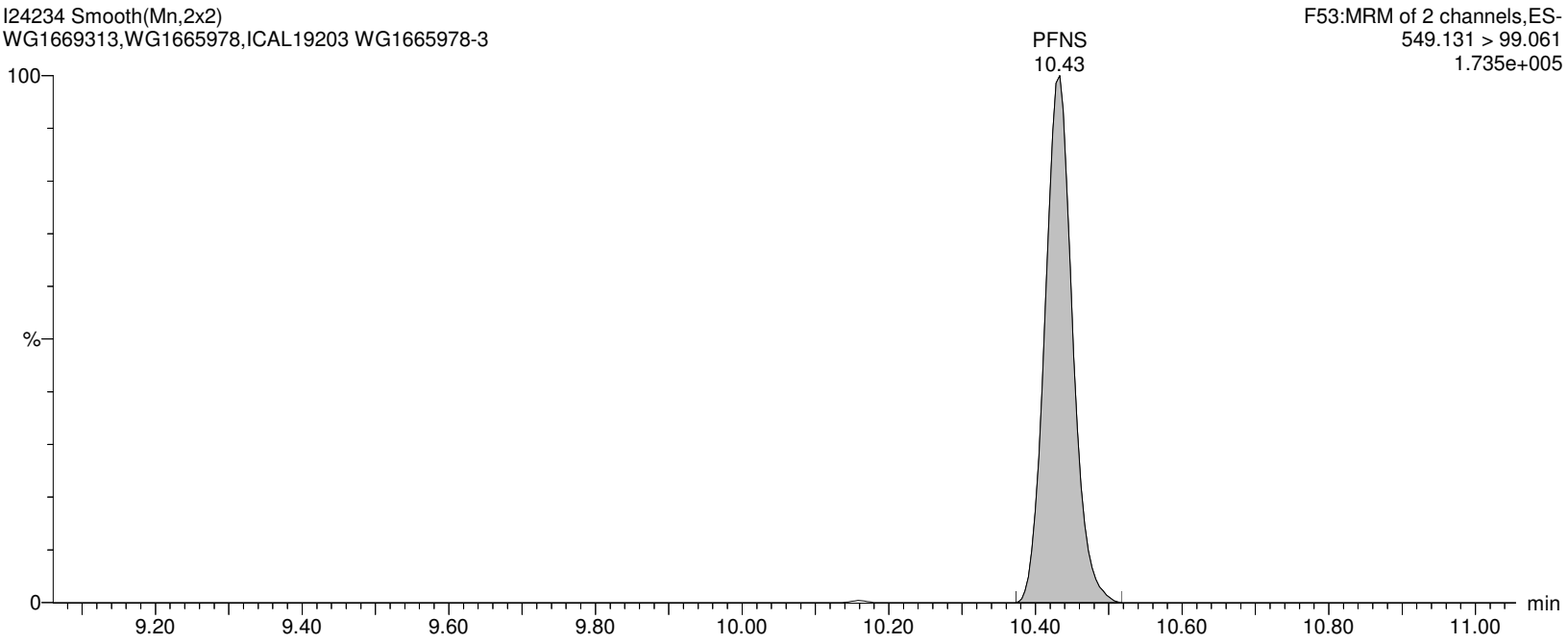
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:27 Eastern Daylight Time

Name: I24234
ID: WG1665978-3
Date: 31-Jul-2022
Time: 00:51:24
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFNS



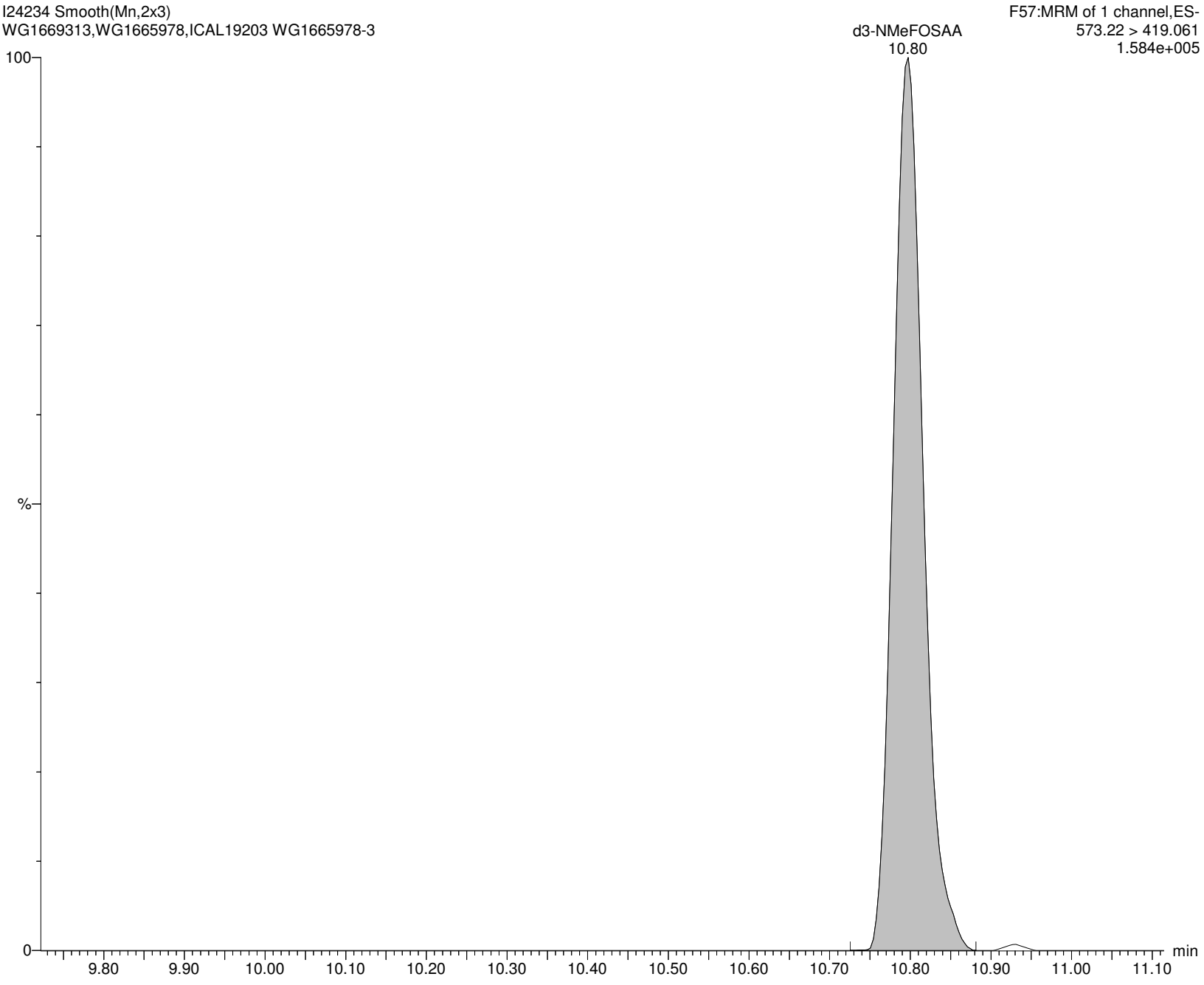


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:27 Eastern Daylight Time

Name: I24234
ID: WG1665978-3
Date: 31-Jul-2022
Time: 00:51:24
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

d3-NMeFOSAA

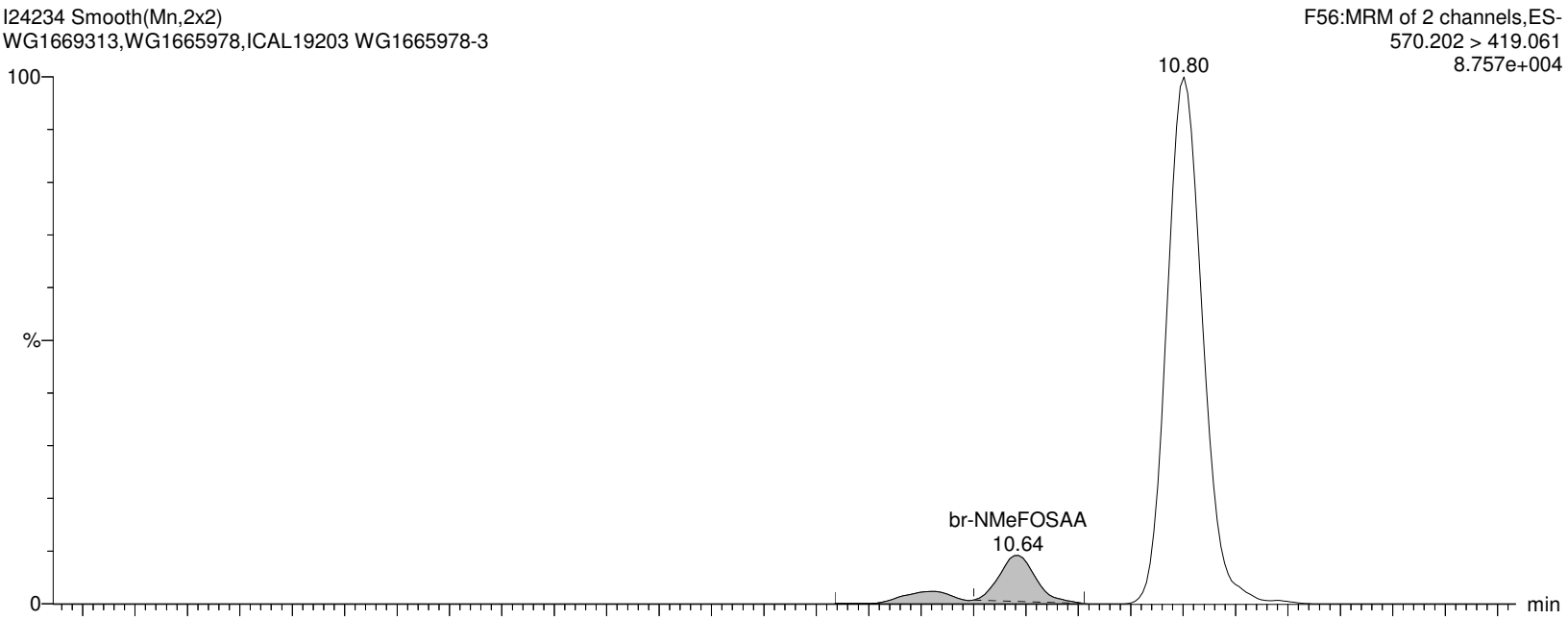


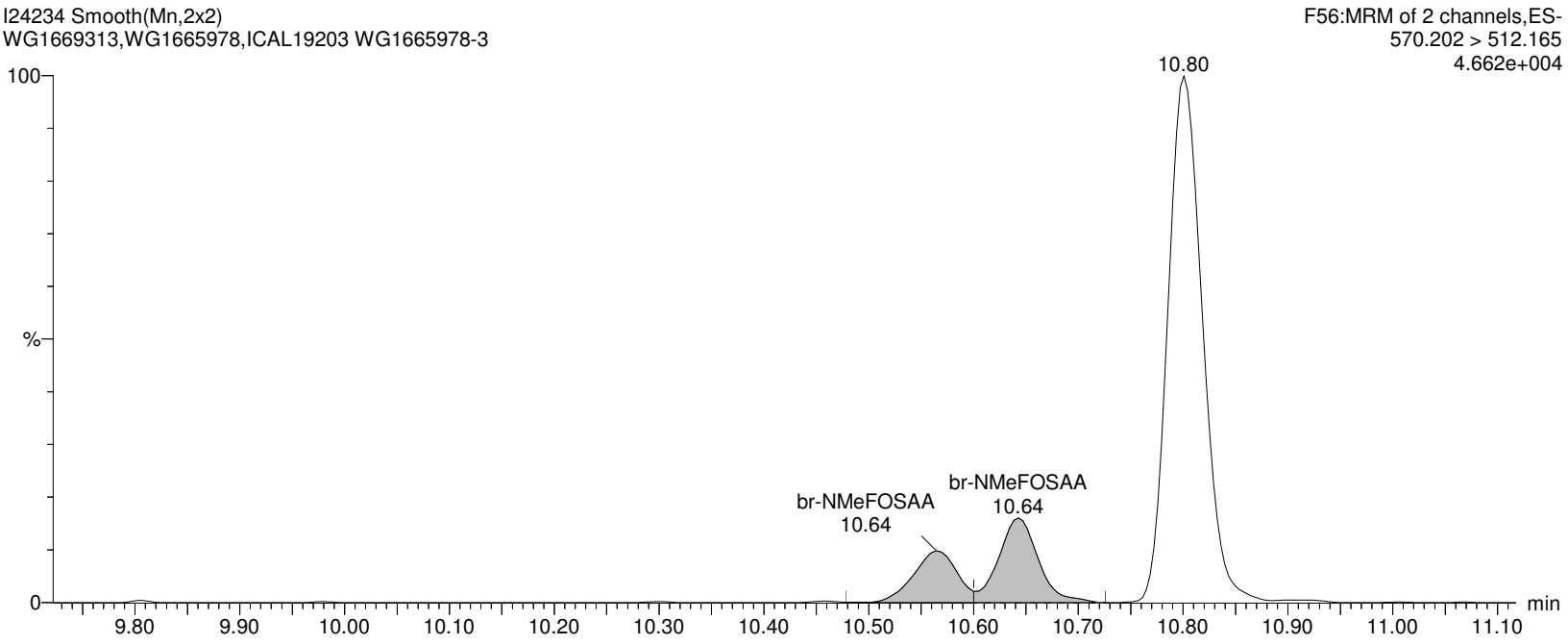
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:27 Eastern Daylight Time

Name: I24234
ID: WG1665978-3
Date: 31-Jul-2022
Time: 00:51:24
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

br-NMeFOSAA



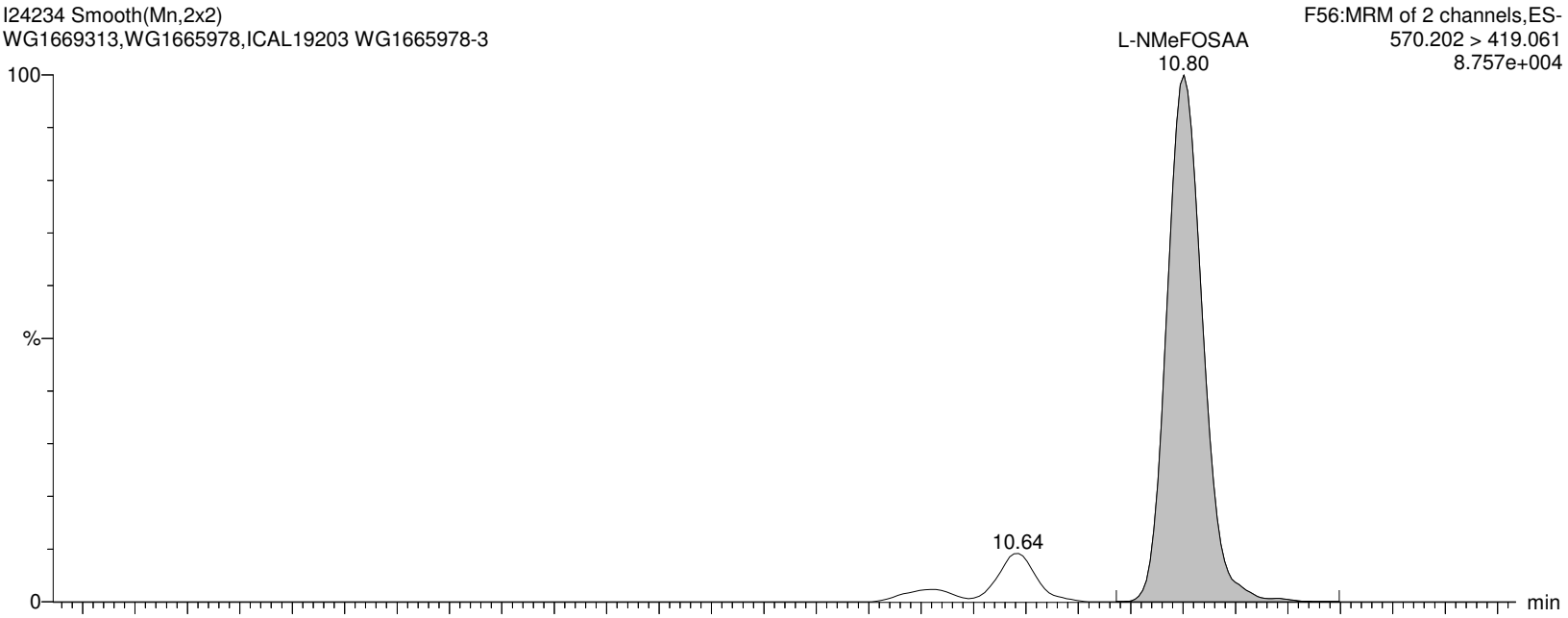


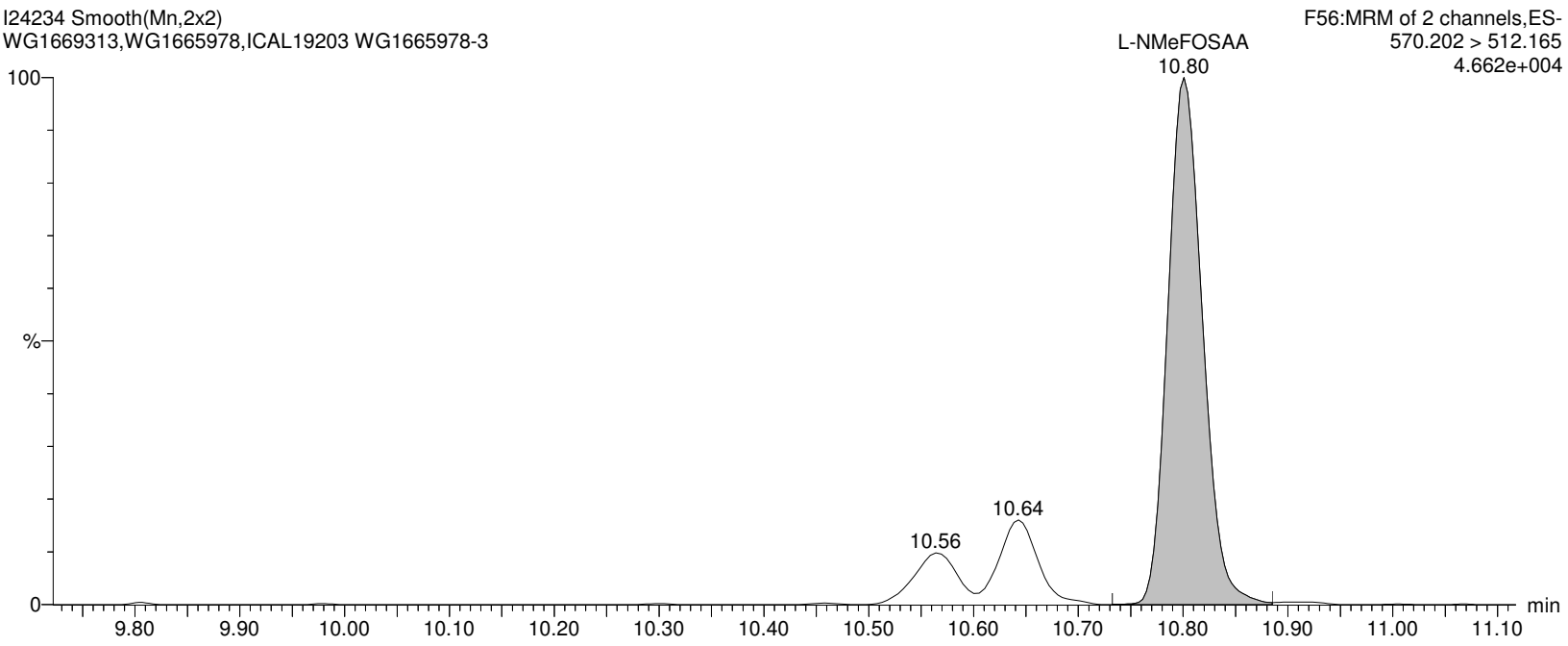
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:27 Eastern Daylight Time

Name: I24234
ID: WG1665978-3
Date: 31-Jul-2022
Time: 00:51:24
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

L-NMeFOSAA



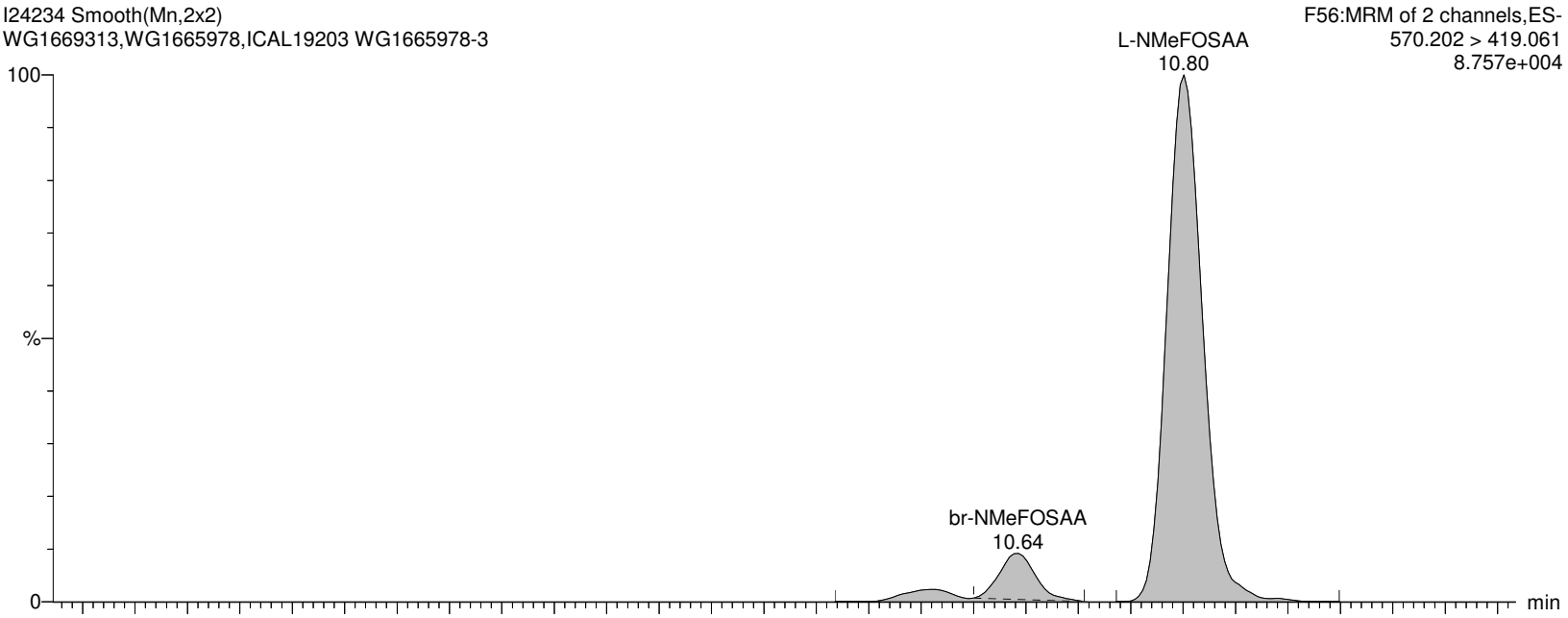


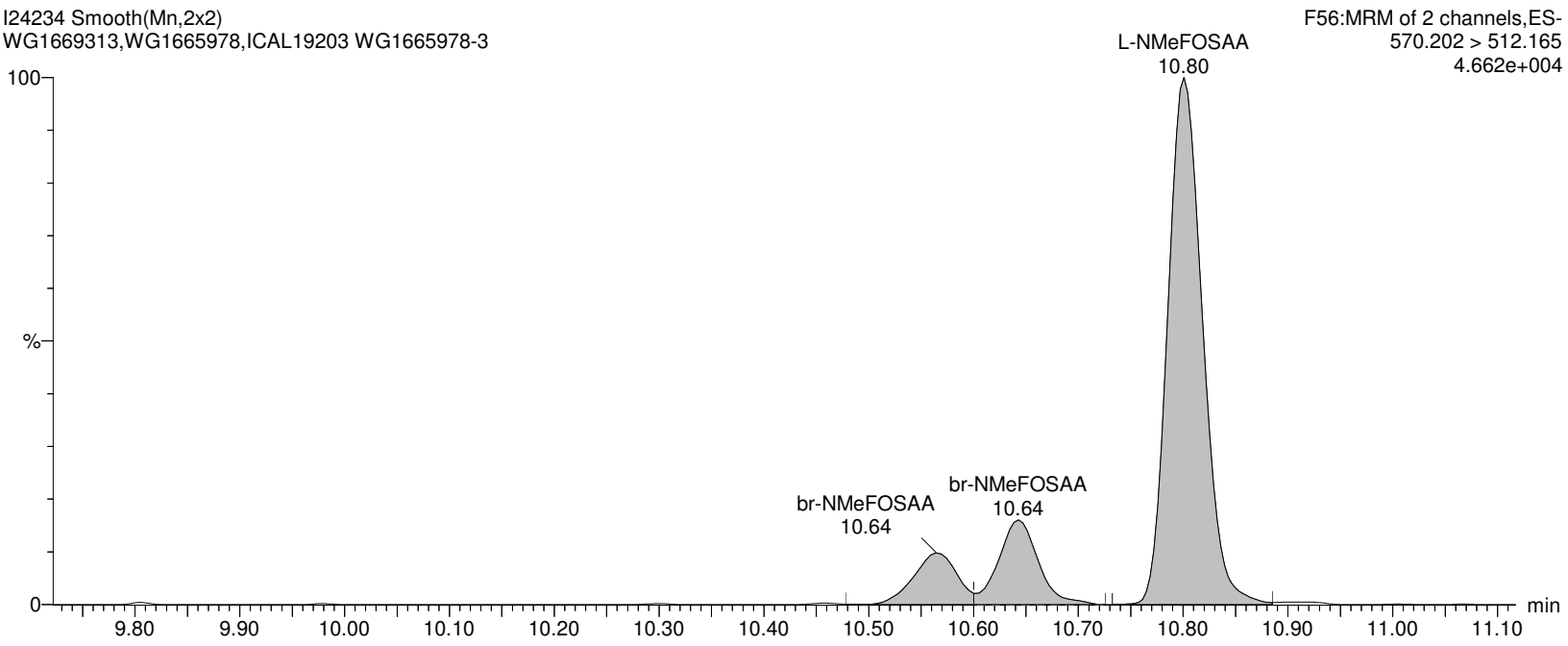
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:27 Eastern Daylight Time

Name: I24234
ID: WG1665978-3
Date: 31-Jul-2022
Time: 00:51:24
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

NMeFOSAA



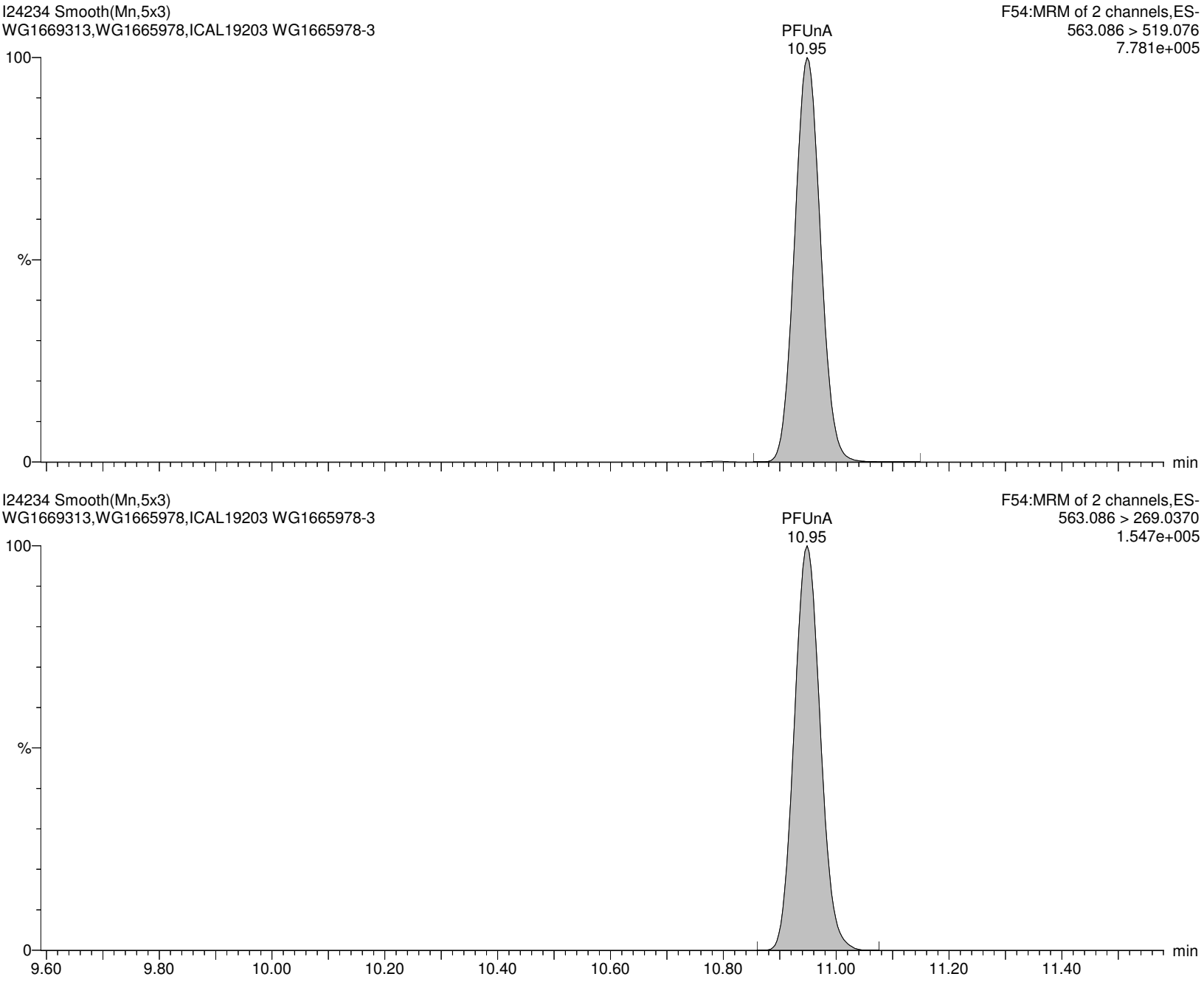


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:27 Eastern Daylight Time

Name: I24234
ID: WG1665978-3
Date: 31-Jul-2022
Time: 00:51:24
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFUnA

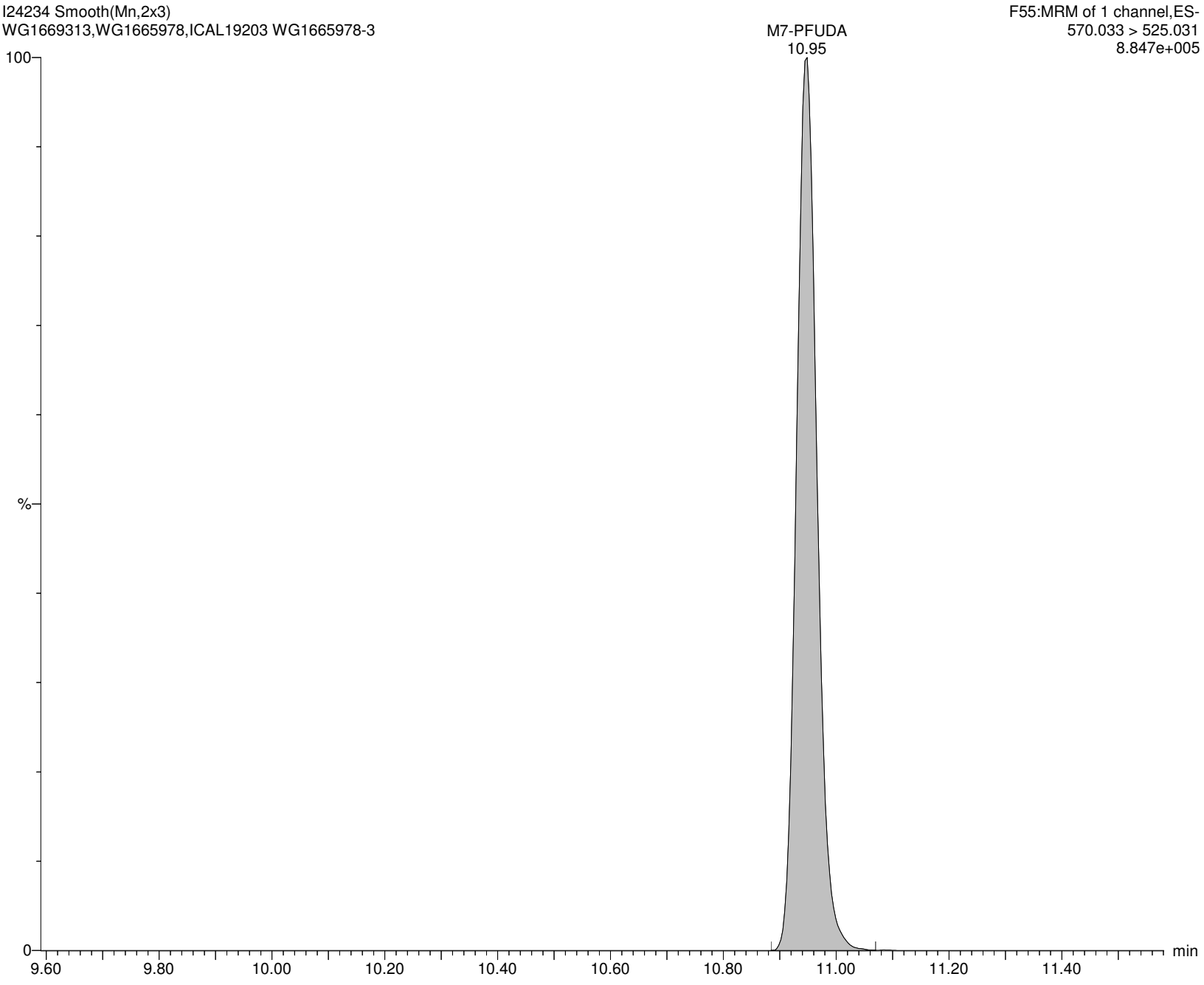


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:27 Eastern Daylight Time

Name: I24234
ID: WG1665978-3
Date: 31-Jul-2022
Time: 00:51:24
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M7-PFUDA

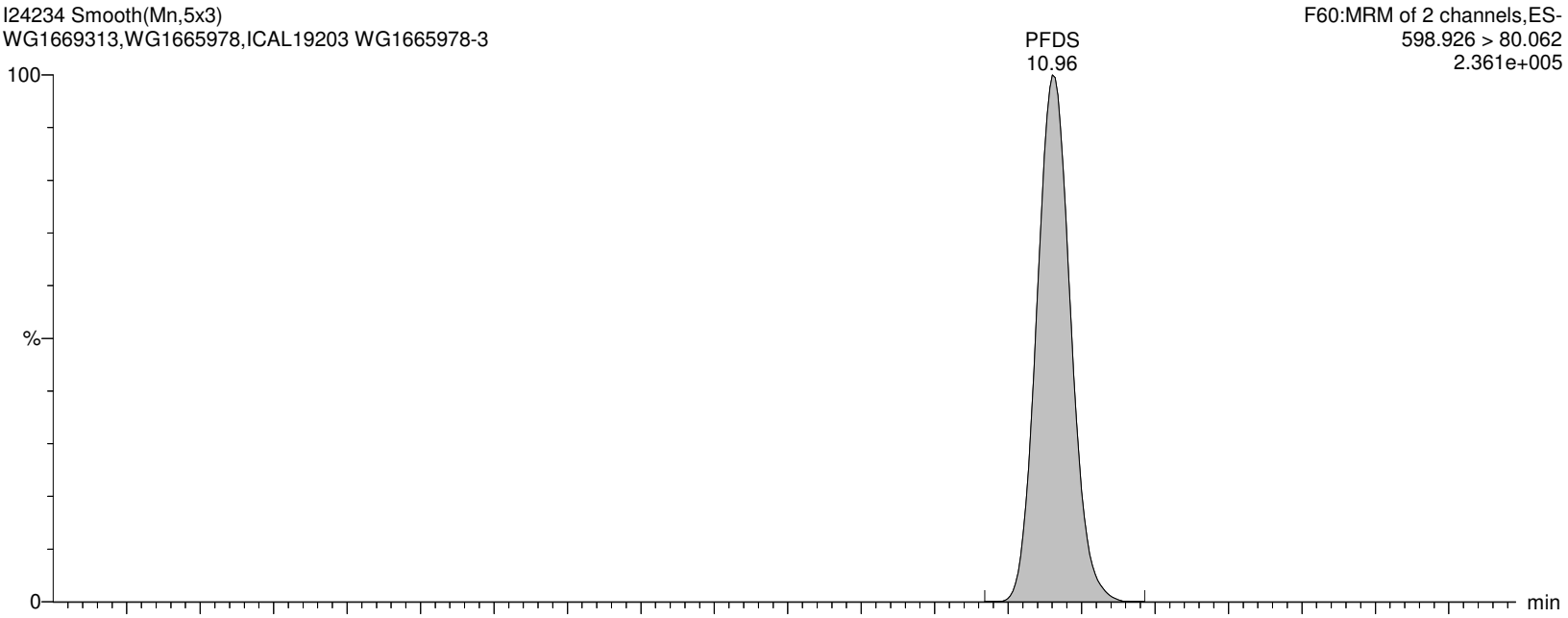


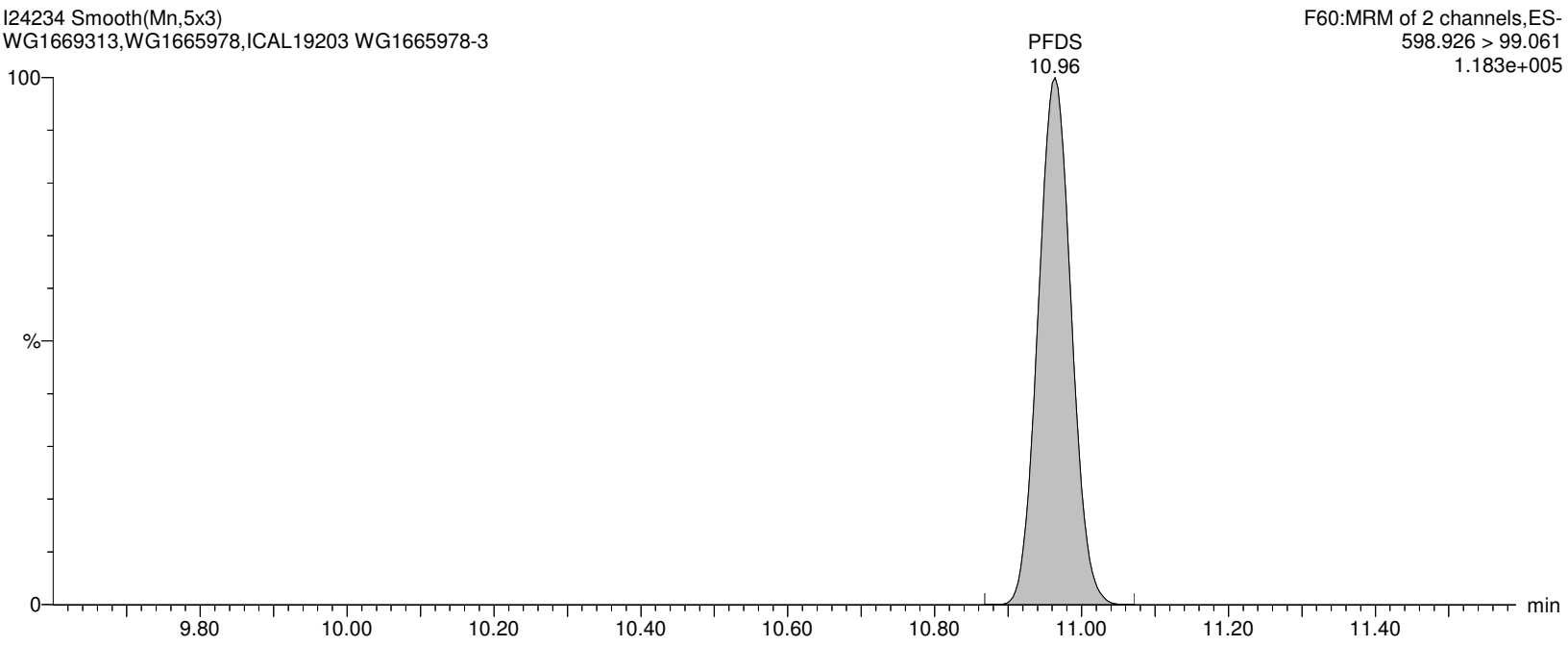
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:27 Eastern Daylight Time

Name: I24234
ID: WG1665978-3
Date: 31-Jul-2022
Time: 00:51:24
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFDS



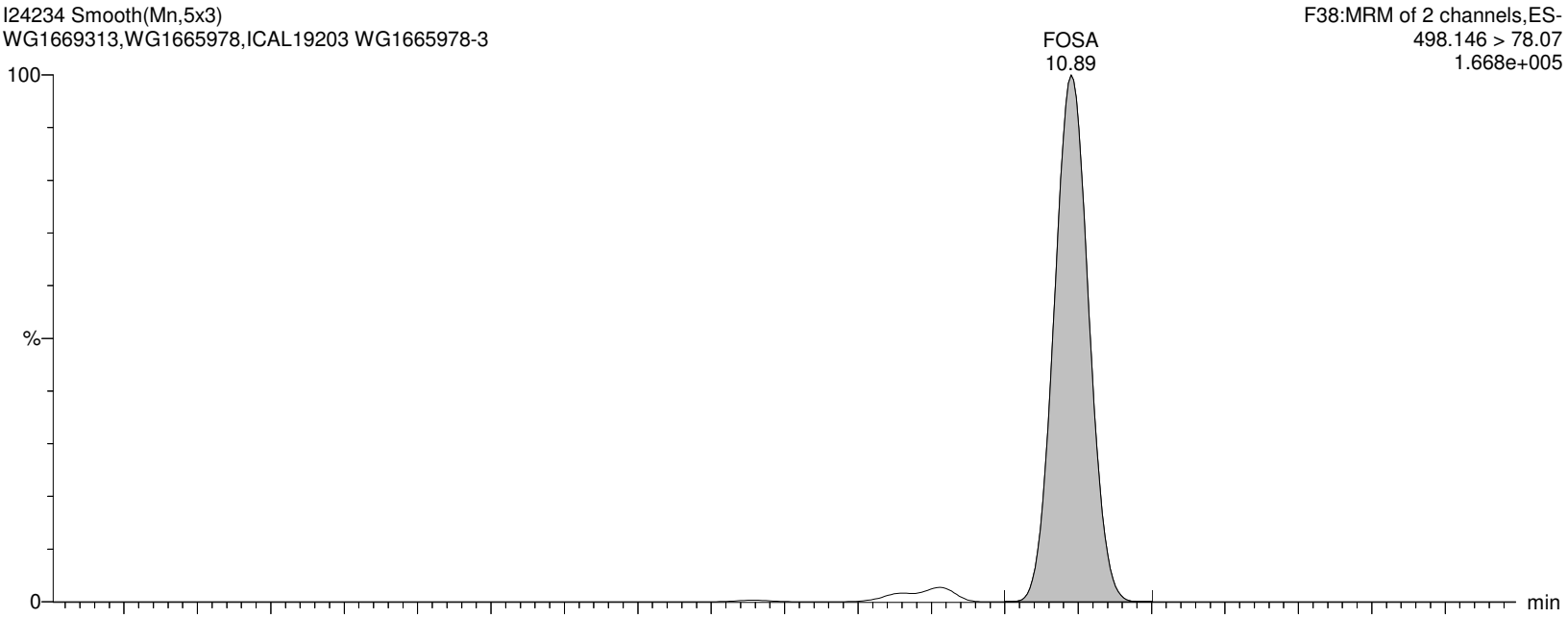


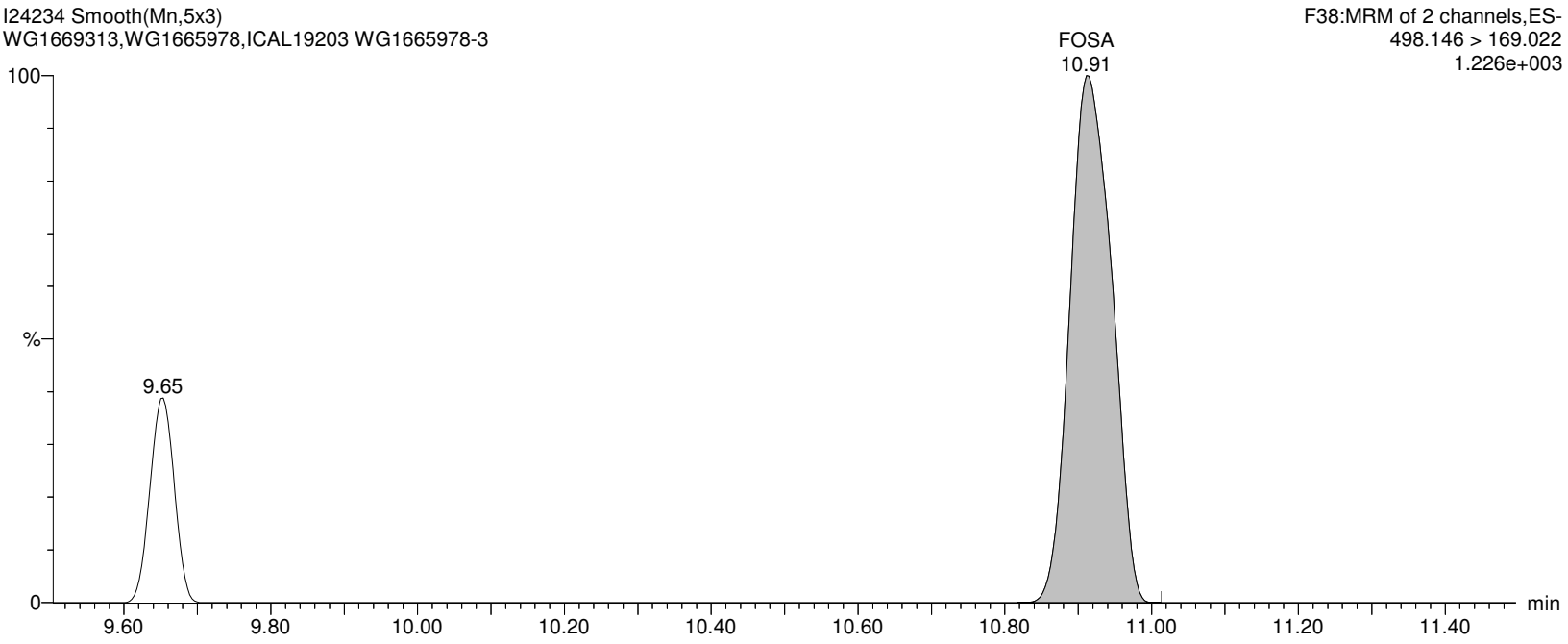
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:27 Eastern Daylight Time

Name: I24234
ID: WG1665978-3
Date: 31-Jul-2022
Time: 00:51:24
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

FOSA



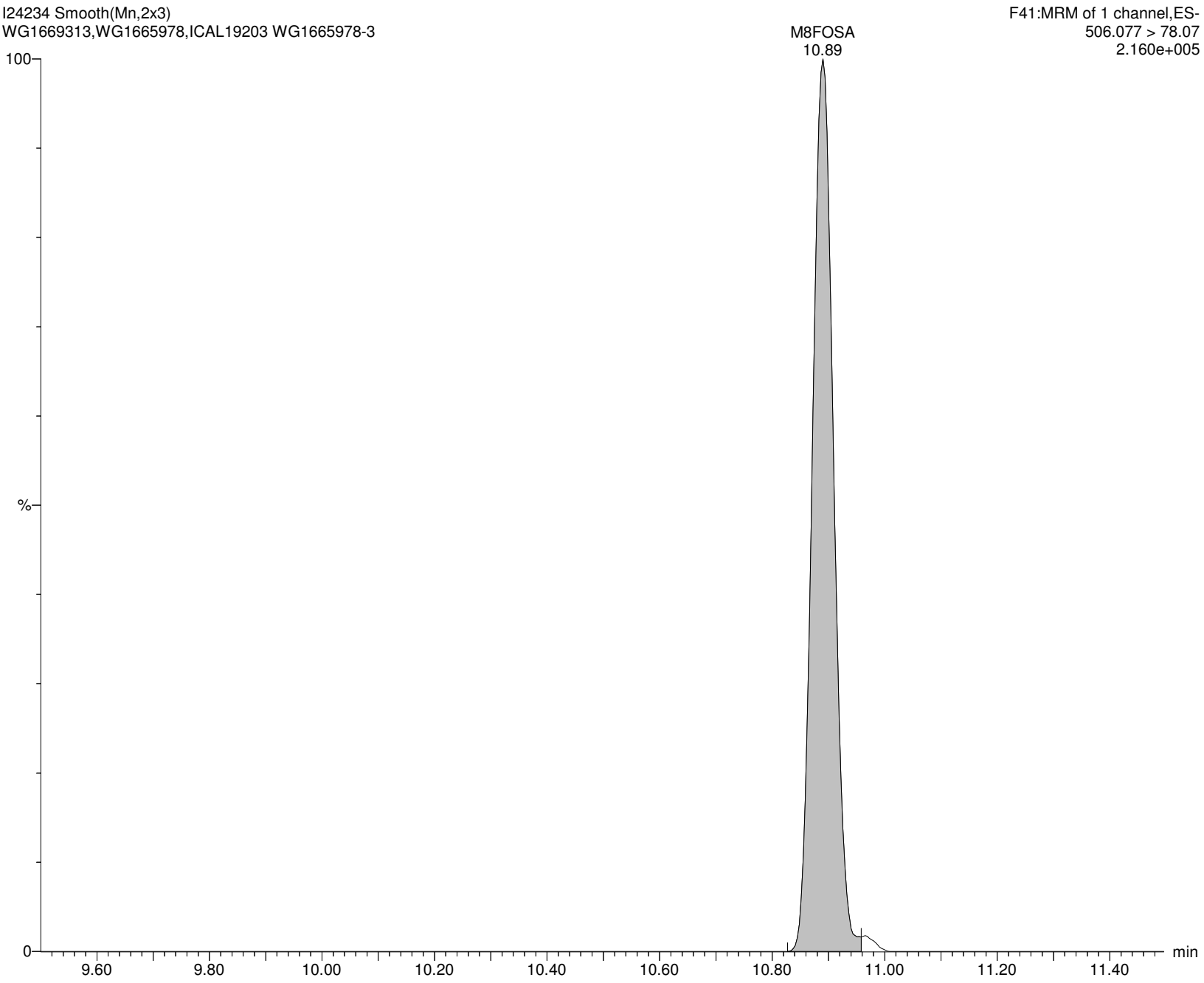


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:27 Eastern Daylight Time

Name: I24234
ID: WG1665978-3
Date: 31-Jul-2022
Time: 00:51:24
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M8FOSA

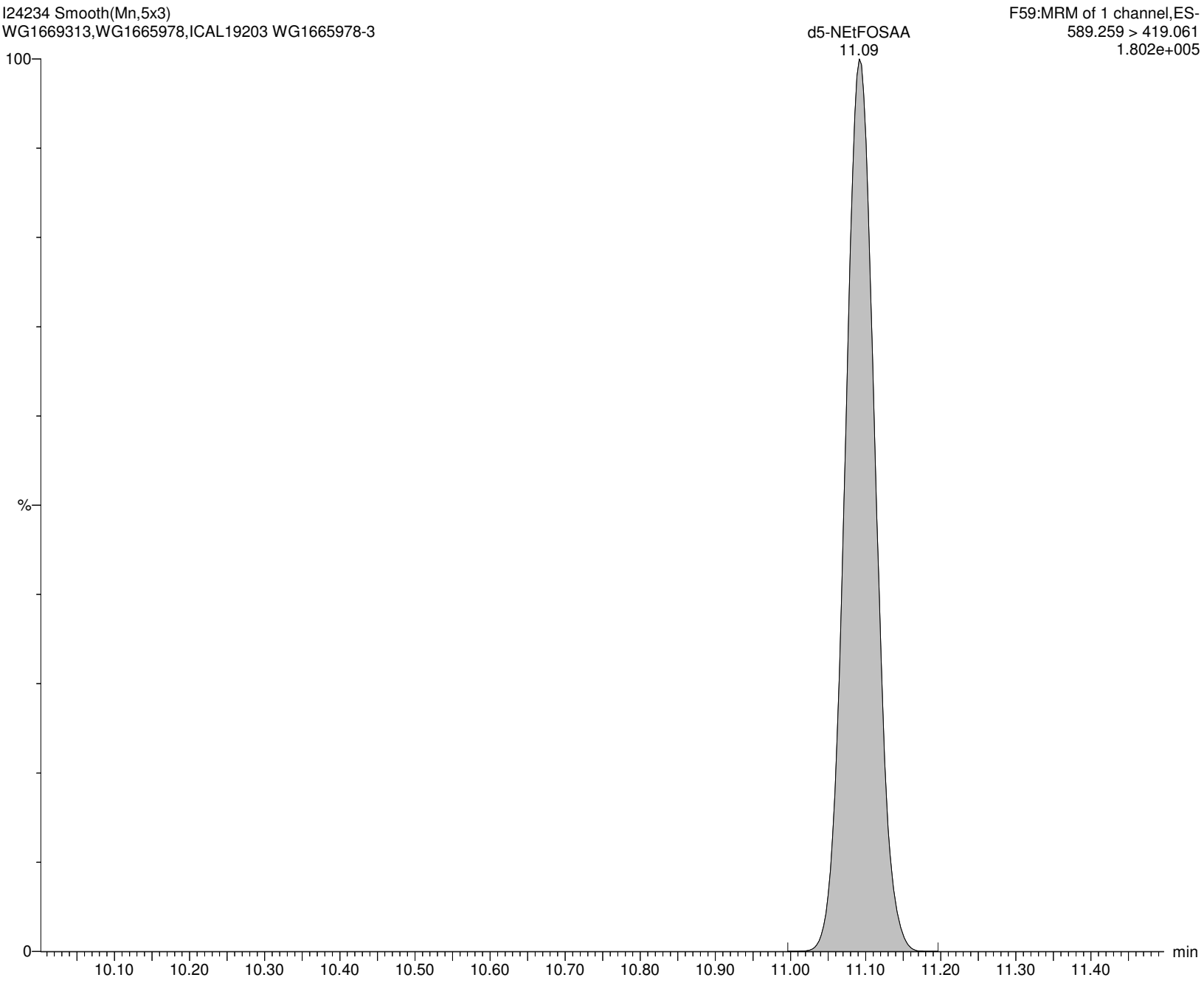


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:27 Eastern Daylight Time

Name: I24234
ID: WG1665978-3
Date: 31-Jul-2022
Time: 00:51:24
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

d5-NEtFOSAA

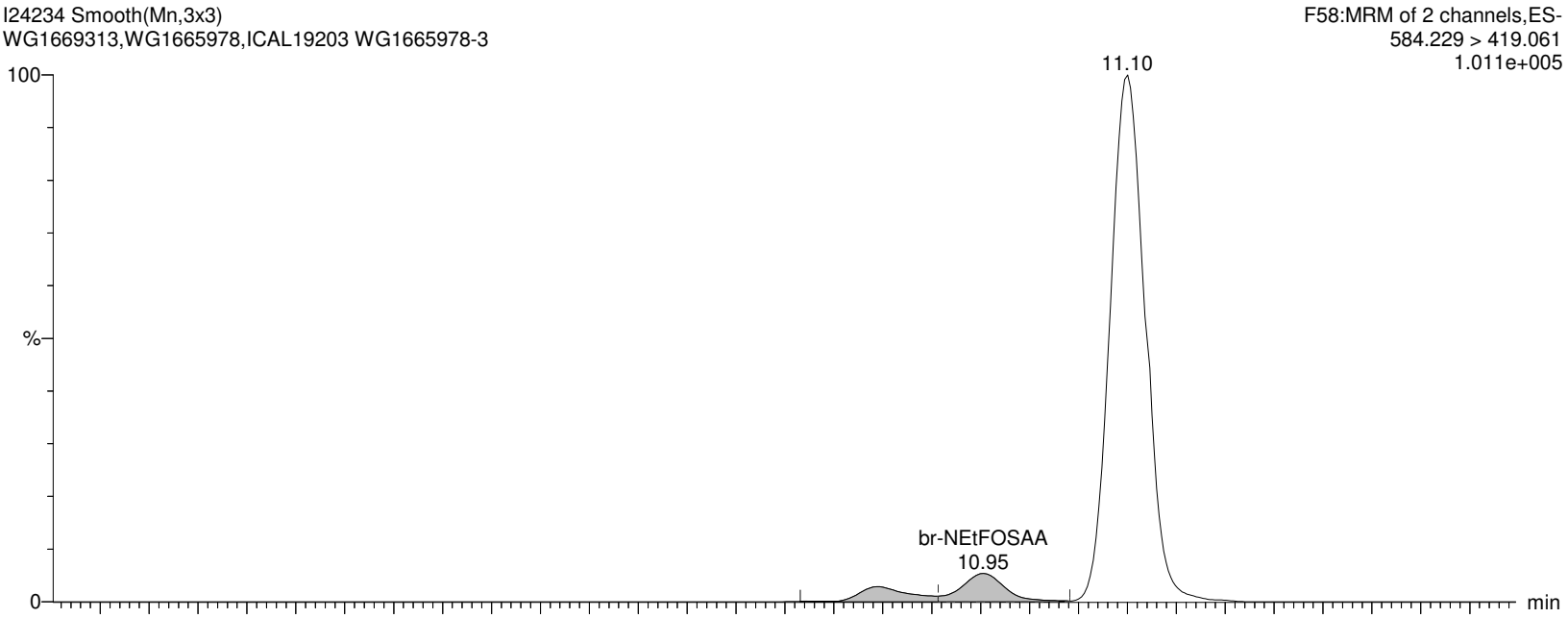


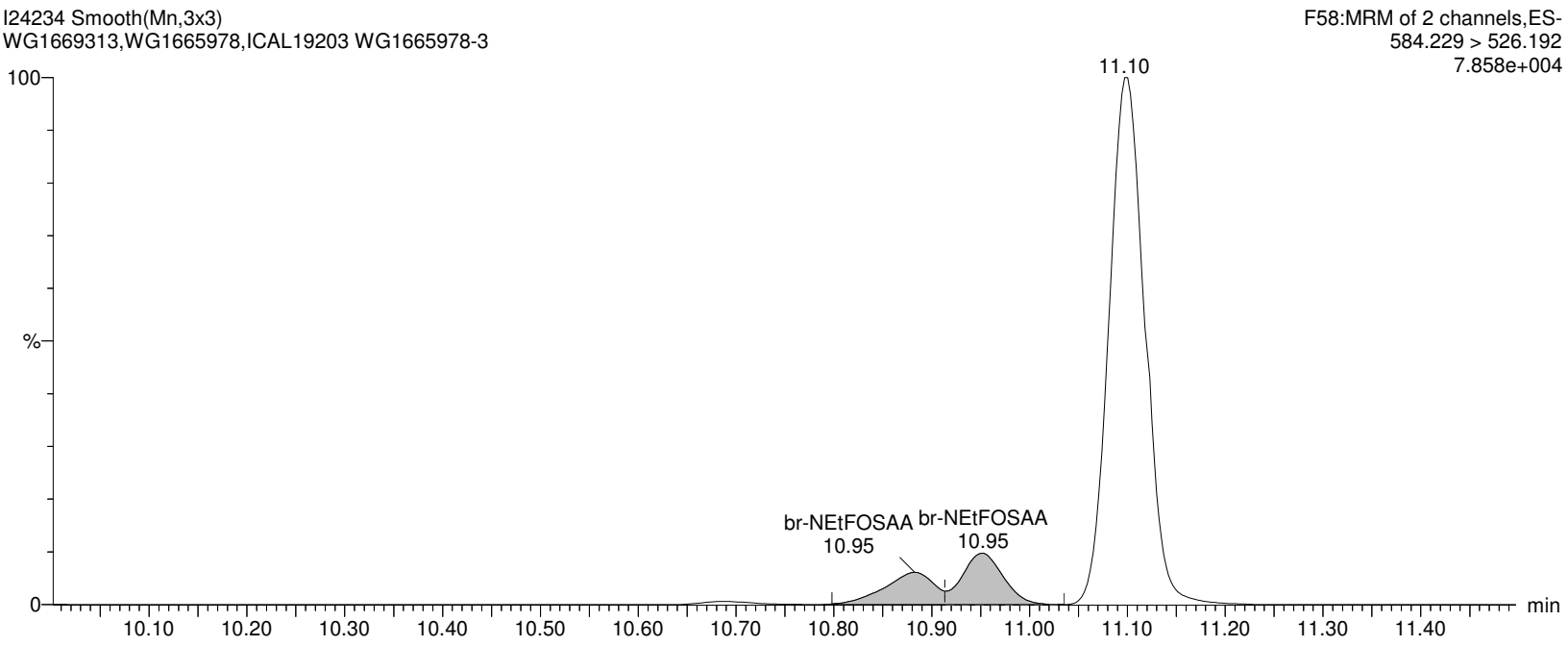
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:27 Eastern Daylight Time

Name: I24234
ID: WG1665978-3
Date: 31-Jul-2022
Time: 00:51:24
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

br-NEtFOSAA



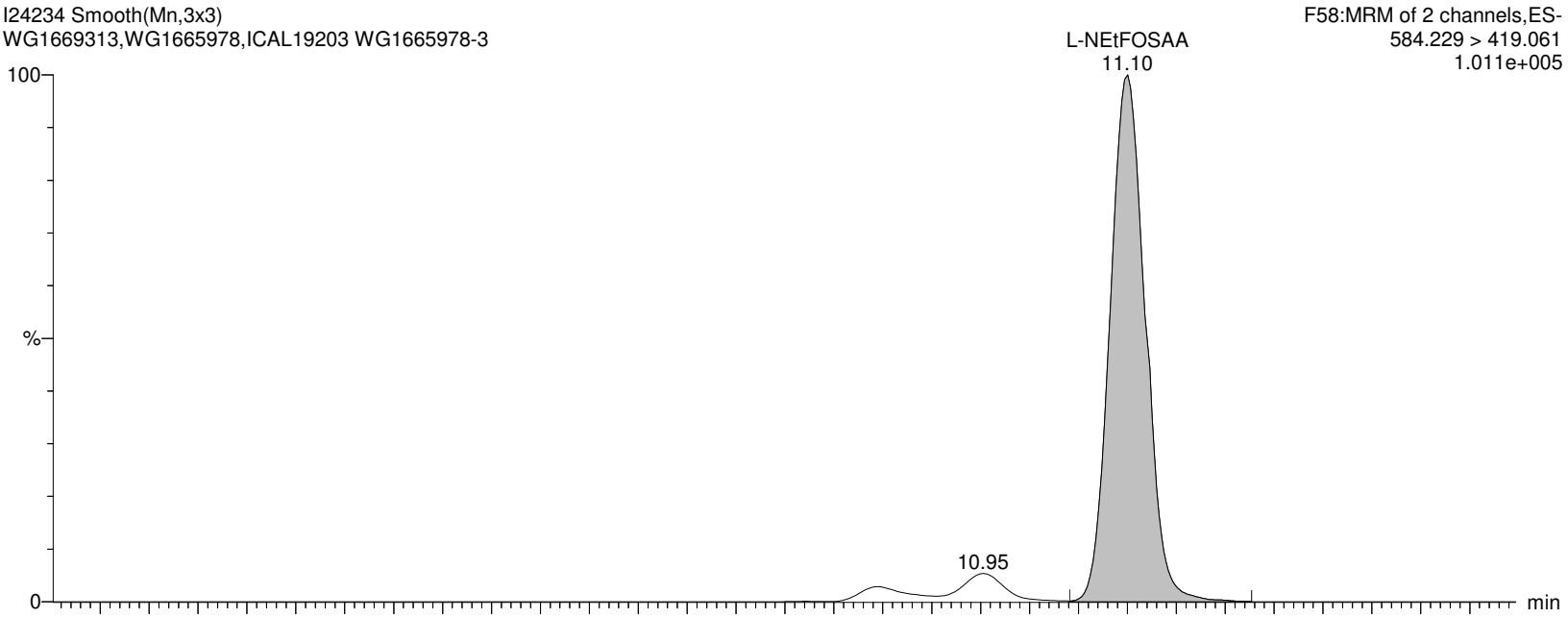


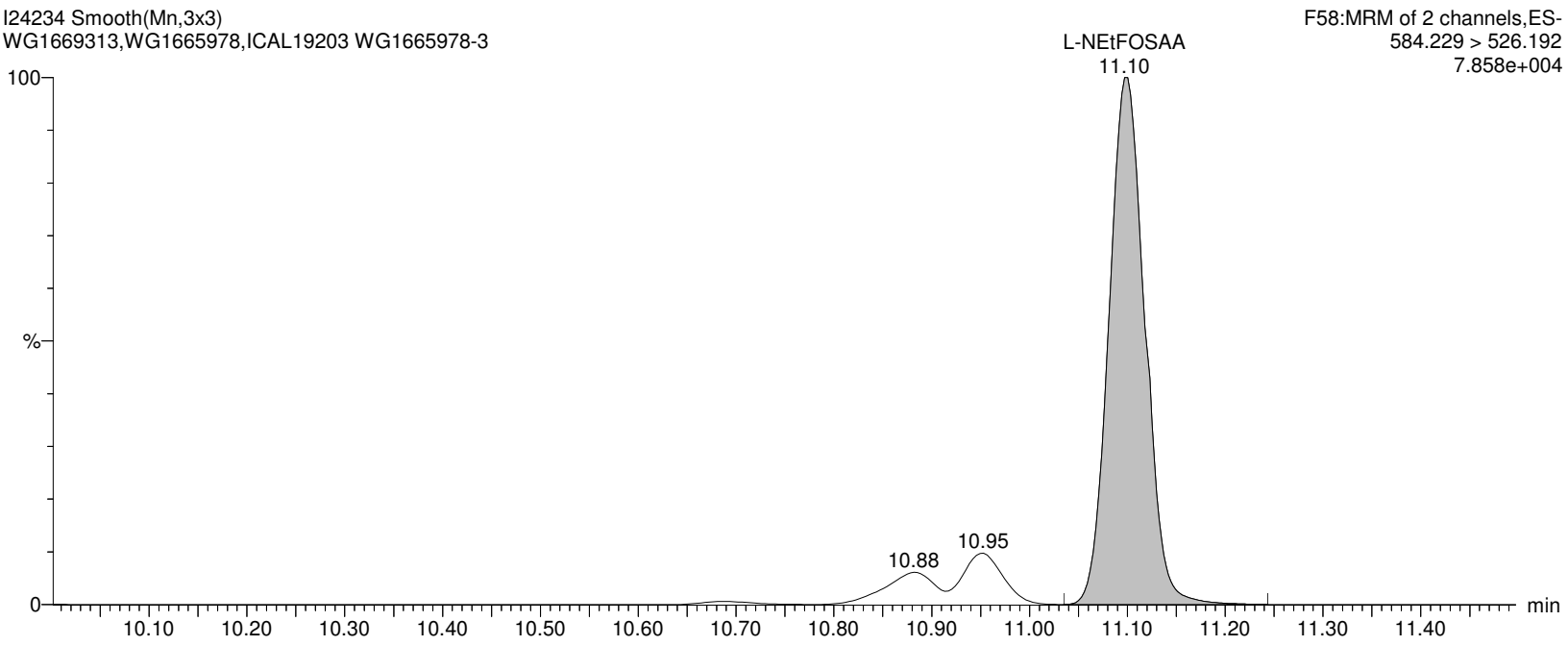
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:27 Eastern Daylight Time

Name: I24234
ID: WG1665978-3
Date: 31-Jul-2022
Time: 00:51:24
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

L-NEtFOSAA



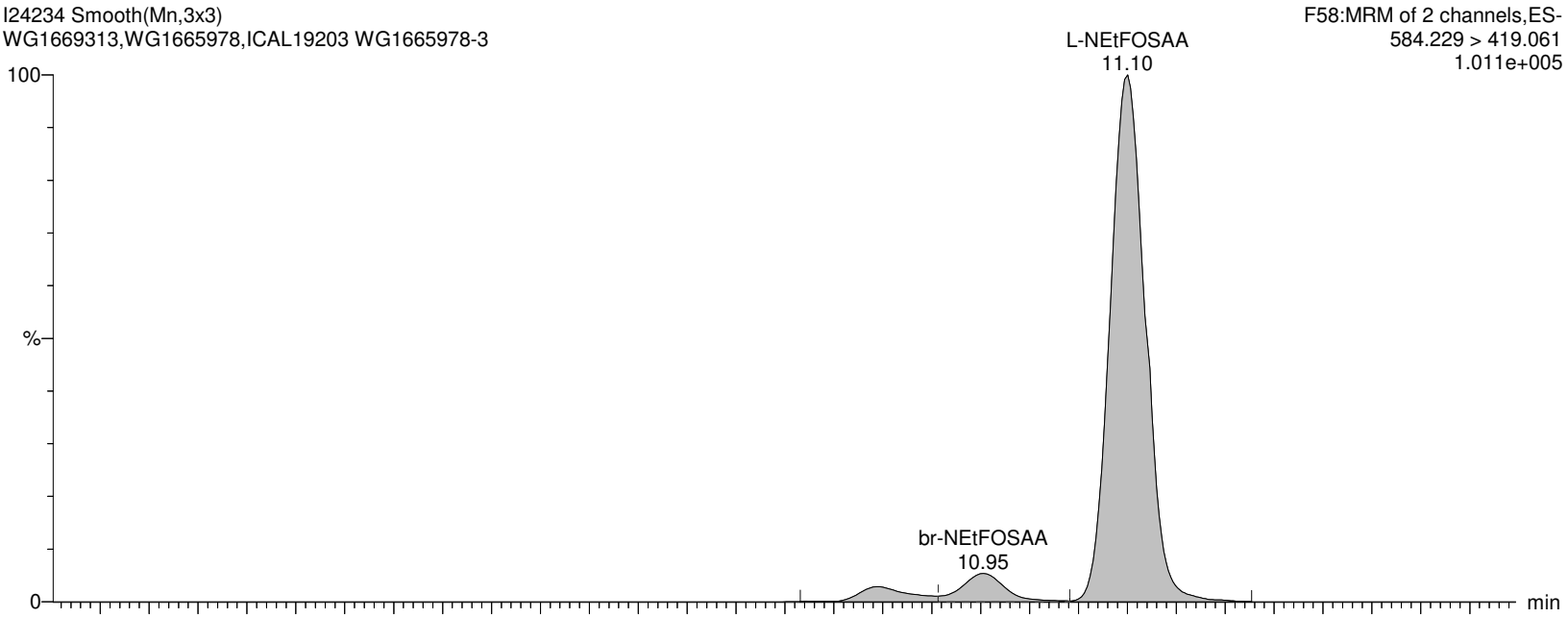


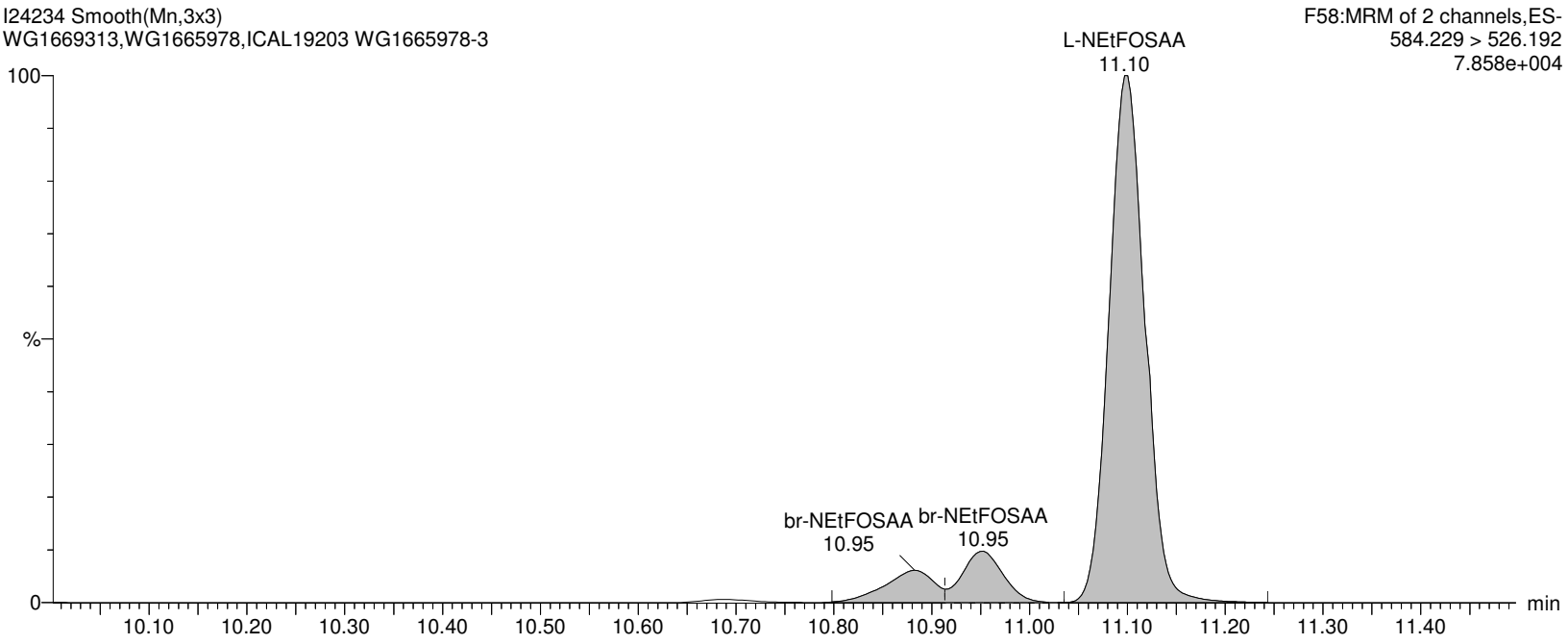
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:27 Eastern Daylight Time

Name: I24234
ID: WG1665978-3
Date: 31-Jul-2022
Time: 00:51:24
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

NEtFOSAA



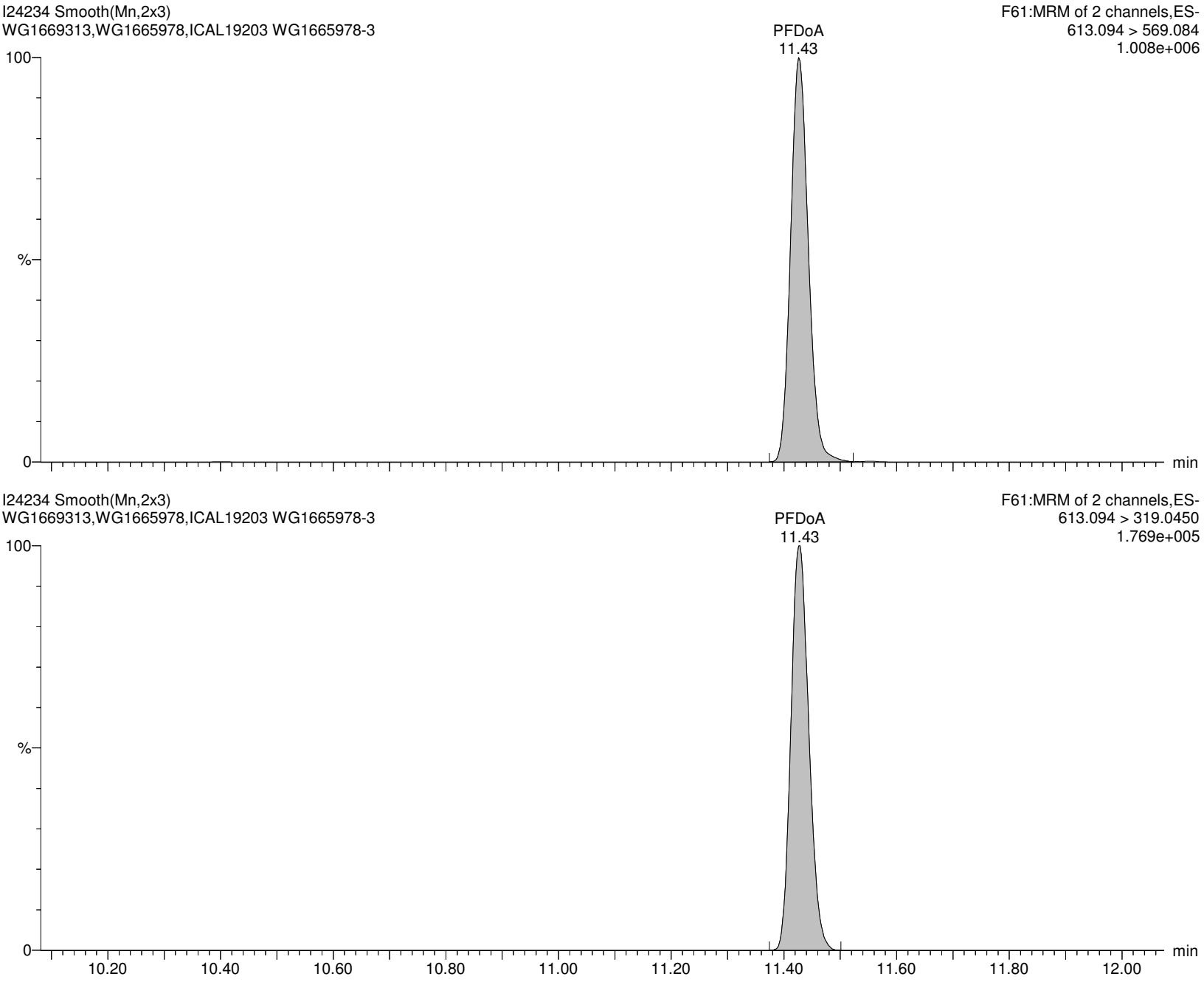


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:27 Eastern Daylight Time

Name: I24234
ID: WG1665978-3
Date: 31-Jul-2022
Time: 00:51:24
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFDoA

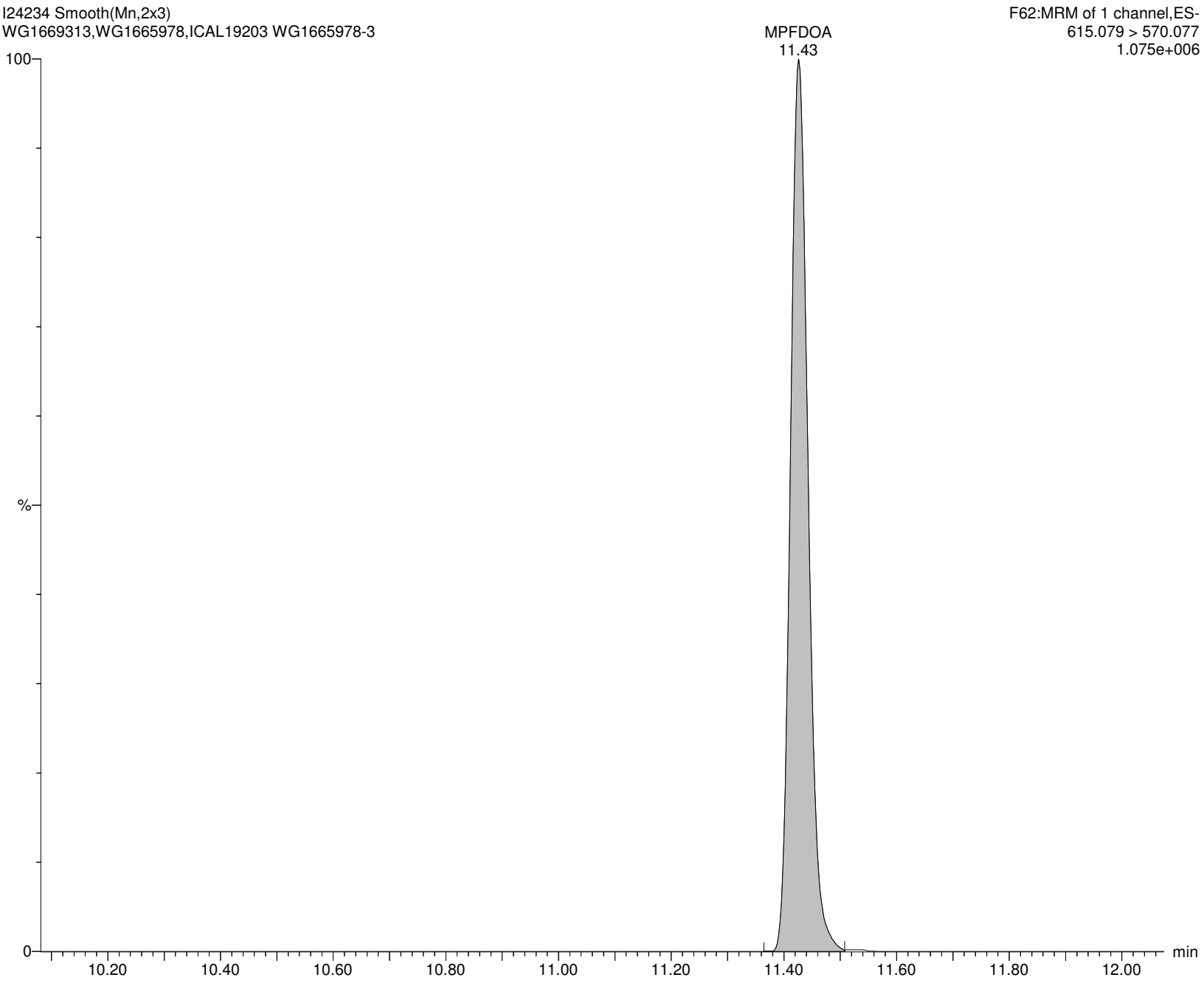


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:27 Eastern Daylight Time

Name: I24234
ID: WG1665978-3
Date: 31-Jul-2022
Time: 00:51:24
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

MPFDOA

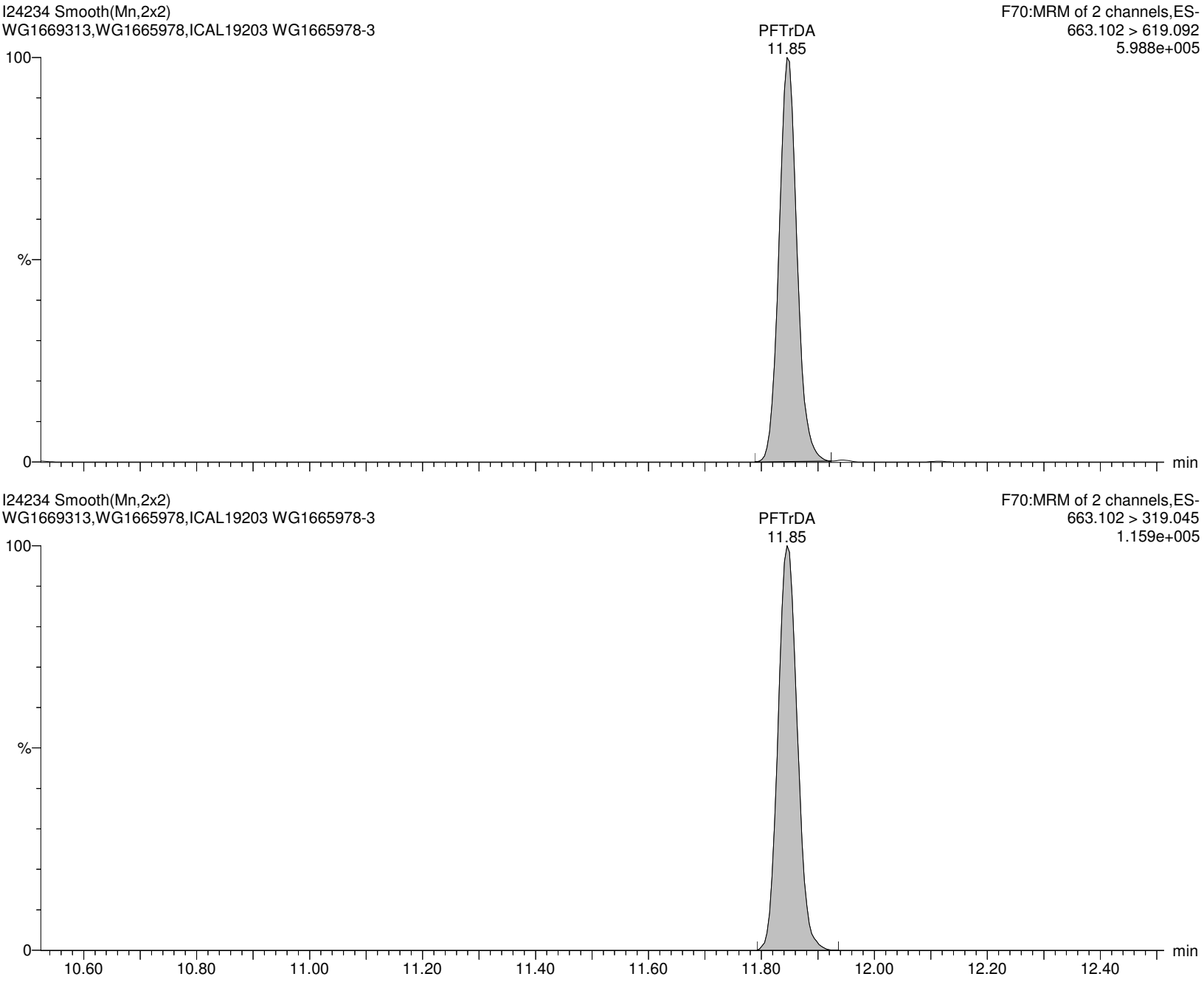


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:27 Eastern Daylight Time

Name: I24234
ID: WG1665978-3
Date: 31-Jul-2022
Time: 00:51:24
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFTrDA

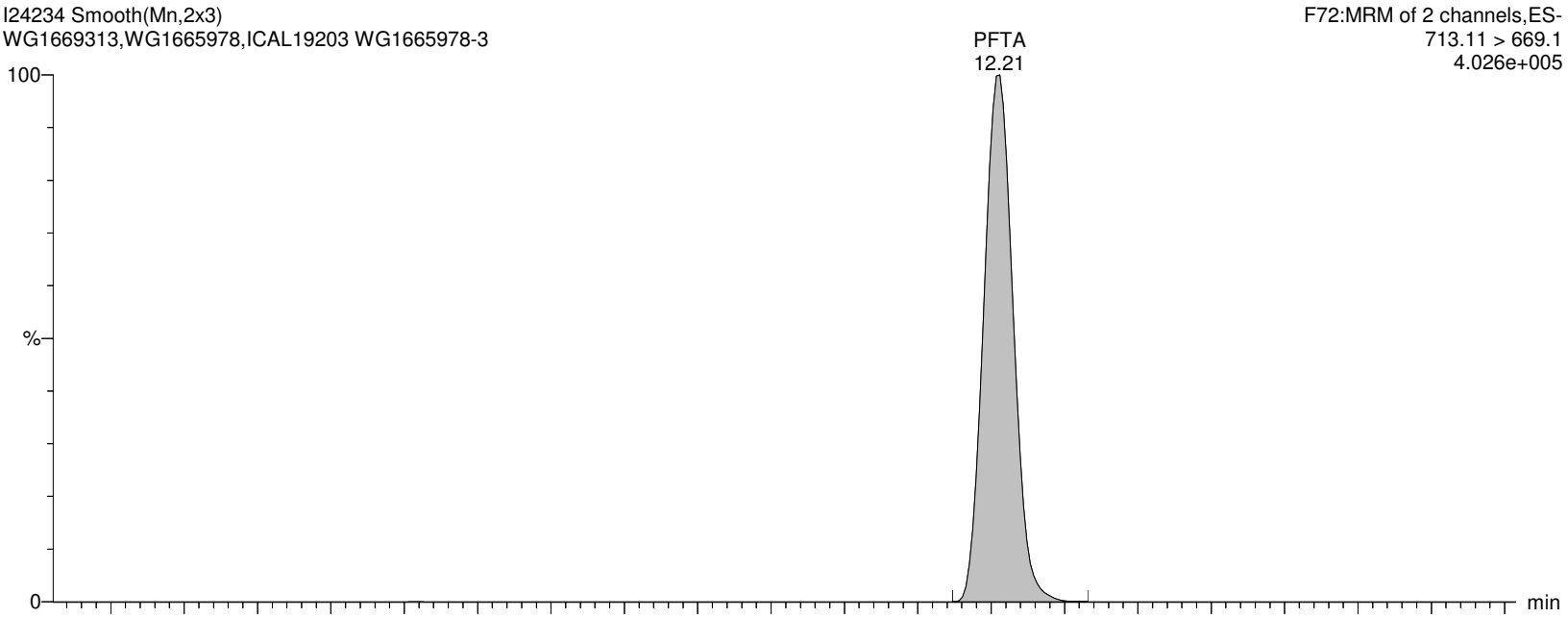


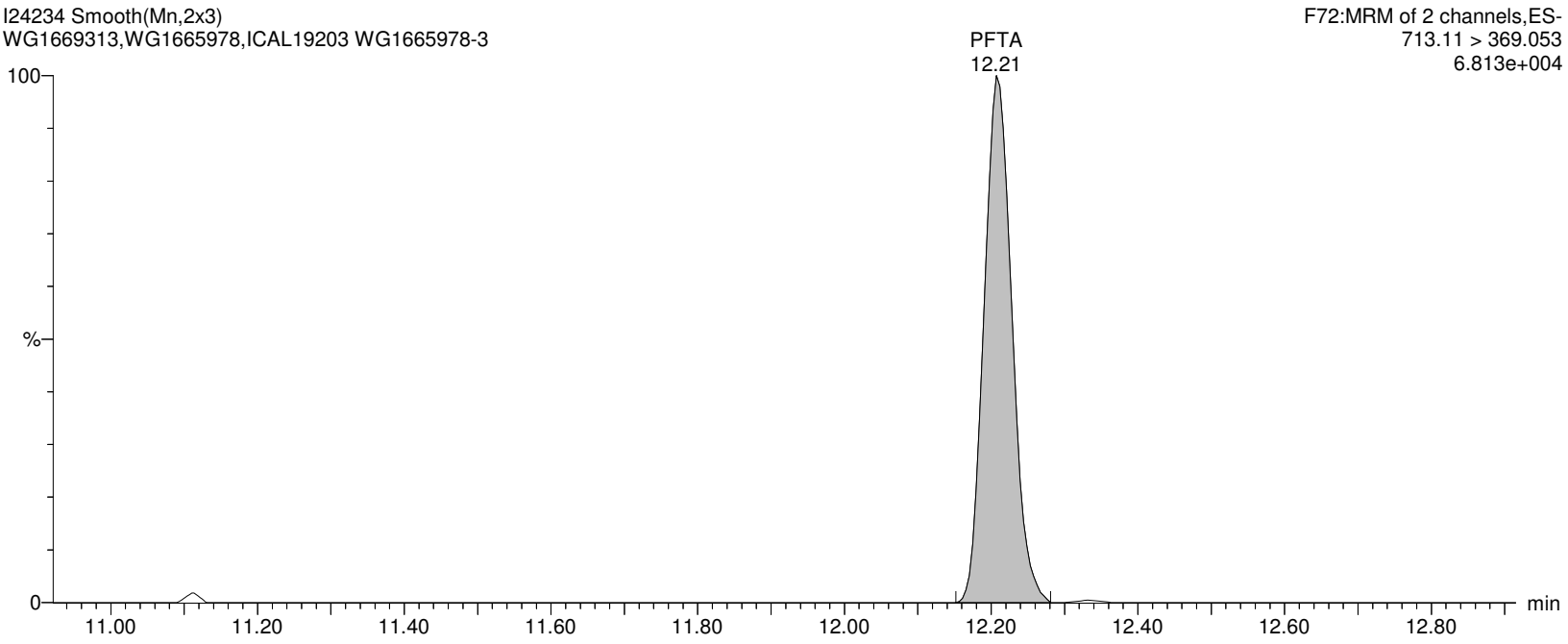
all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:27 Eastern Daylight Time

Name: I24234
ID: WG1665978-3
Date: 31-Jul-2022
Time: 00:51:24
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

PFTA



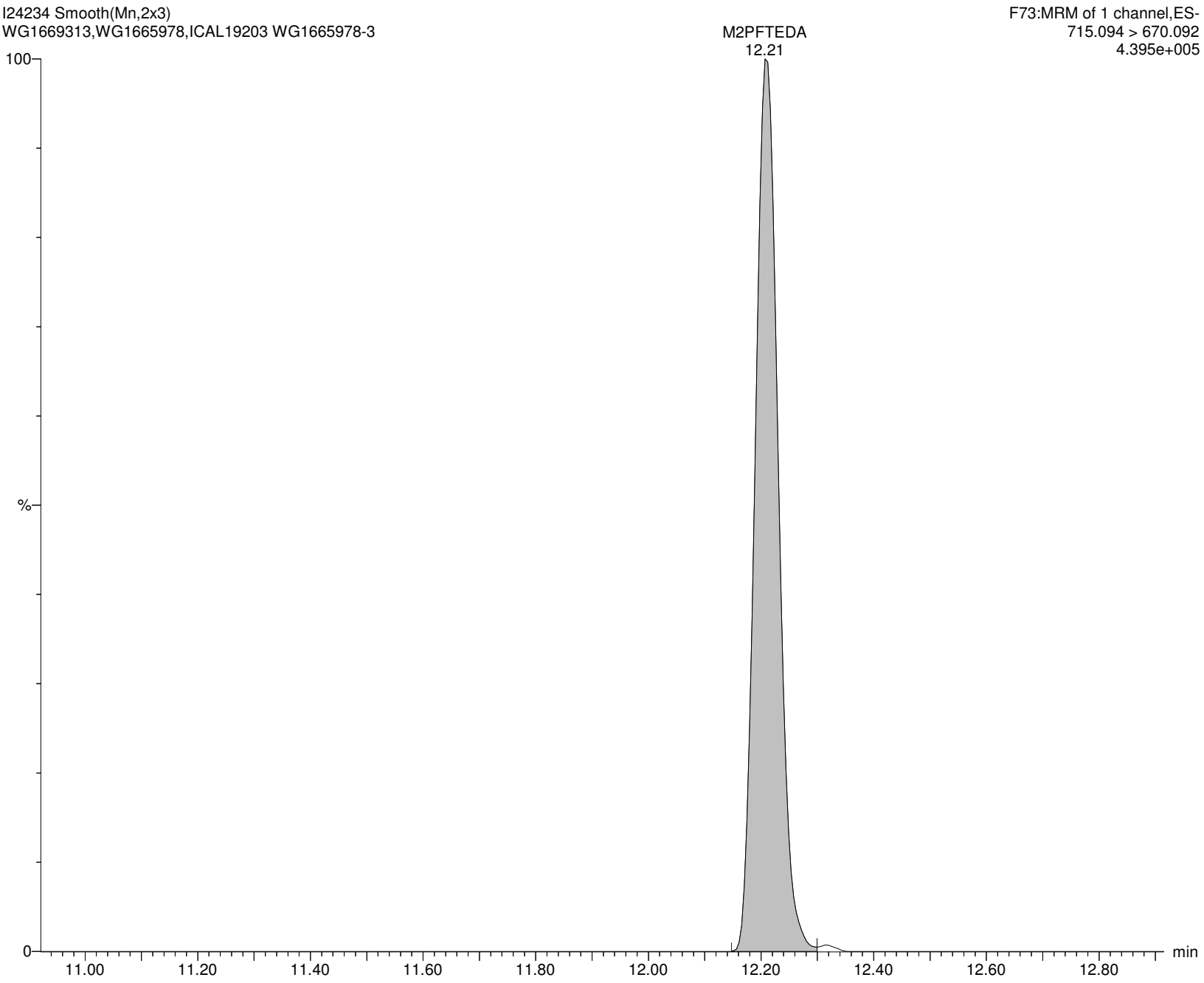


all concentration units in (ng/mL)

Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2022\220730_537ISO.PRO\Data\WG1669313-C.qld
Last Altered: Sunday, July 31, 2022 12:32:06 Eastern Daylight Time
Printed: Sunday, July 31, 2022 12:32:27 Eastern Daylight Time

Name: I24234
ID: WG1665978-3
Date: 31-Jul-2022
Time: 00:51:24
Description: WG1669313,WG1665978,ICAL19203
User: LCMS01:SG
Vial: 1:E,4
Instrument: XEVO-TQSmicro#QEA0276
Inlet Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\LCMS_537_ISO_FULL
Tune Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\220113_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2022\220730_537ISO.PRO\ACQUDB\537ISO_M_SPAN2_DOD_TOP_220728.EXP

M2PFTEDA



all concentration units in (ng/mL)

Calculation of Semi Volatile Organic Compounds

Results of Water Analysis- calculation as performed in report form:

$$\text{Concentration (ug/L)} = \frac{(\text{Conc})\ (\text{Vf})\ (\text{DF})}{(\text{Vi})} \times 1000$$

where:
Conc =Raw on-column concentration obtained from the quantitation report using Initial Calibration results.
Vf = Final volume of extract (mL)
Vi= Volume of sample extracted (mL)
DF= Dilution factor

Results of Sediment/Soil Analysis- calculation as performed in report form:

$$\text{Concentration (ug/Kg)} = \frac{(\text{Conc})\ (\text{Vf})\ (\text{DF})}{(\text{W})\ (\%\text{S})}$$

where:
Conc =Raw on-column concentration obtained from the quantitation report using Initial Calibration results.
Vf = Final volume of extract (mL)
W= Aliquot of sample (wet), g
DF= Dilution factor
%S= Sample %solid (in decimal form)

ALPHA ANALYTICAL LABORATORIES, INC.

Alpha WORK GROUP REPORT (wk02)

Aug 02 2022, 01:24 pm

Work Group: WG1669313 for Department: 32 GC/MS - Semivolatiles

Created: 30-JUL-22 Due: Operator: SG

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2237198-01	MW-213	S	A2-NY-537-ISOTOPE	WATER	DONE	U	0726	0803	S0	Plastic-A.25
L2237198-02	MW-214	S	A2-NY-537-ISOTOPE	WATER	DONE	U	0726	0803	S0	Plastic-A.25
L2237198-03	FB	S	A2-NY-537-ISOTOPE	WATER	DONE	U	0726	0803	S0	Plastic-A.25
L2237998-11	FB20220715	S	A2-NY-537-ISOTOPE	WATER	DACQ	U	0729	0805	S0	Plastic-A.25
L2238379-01	EB-20220718	S	A2-537-ISOTOPE	WATER	SEC	U	0801	0802	S0	Plastic-A.25
L2238379-02	MW-22BR	S	A2-537-ISOTOPE	WATER	SEC	U	0802	0802	S0	Plastic-A.25
L2238379-05	MW-66WT	S	A2-537-ISOTOPE	WATER	SEC	U	0802	0802	S0	Plastic-A.25
L2238379-08	MW-38BR	S	A2-537-ISOTOPE	WATER	SEC	U	0802	0802	S0	Plastic-A.25
L2238379-09	MW-52WT	S	A2-537-ISOTOPE	WATER	SEC	U	0802	0802	S0	Plastic-A.25
L2238379-10	FB-20220719	S	A2-537-ISOTOPE	WATER	SEC	U	0802	0802	S0	Plastic-A.25
L2238379-12	EB-20220719	S	A2-537-ISOTOPE	WATER	SEC	U	0802	0802	S0	Plastic-A.25
L2238379-14	MW-17DO	S	A2-537-ISOTOPE	WATER	SEC	U	0802	0802	S0	Plastic-A.25
L2238379-15	MW-17WT	S	A2-537-ISOTOPE	WATER	SEC	U	0802	0802	S0	Plastic-A.25
L2238379-16	MW-13WT	S	A2-537-ISOTOPE	WATER	SEC	U	0801	0802	S0	Plastic-A.25
L2238471-03	FB01_071922	S	A2-NY-537-ISOTOPE	WATER	DONE	U	0802	0802	S0	Plastic-A.25
L2238762-01	MW-52DO	S	A2-537-ISOTOPE	WATER	SEC	U	0802	0803	S0	Plastic-A.25
L2238762-02	MW-25BR	S	A2-537-ISOTOPE	WATER	SEC	U	0802	0803	S0	Plastic-A.25
L2238762-03	MW-25BR+	S	A2-537-ISOTOPE	WATER	SEC	U	0802	0803	S0	Plastic-A.25
L2238762-04	MW-23WT	S	A2-537-ISOTOPE	WATER	SEC	U	0803	0803	S0	Plastic-A.25
L2238762-05	MW-52BR	S	A2-537-ISOTOPE	WATER	SEC	U	0803	0803	S0	Plastic-A.25
L2238762-06	MW-3WTR	S	A2-537-ISOTOPE	WATER	SEC	U	0803	0803	S0	Plastic-A.25
L2238762-07	MW-53WT	S	A2-537-ISOTOPE	WATER	SEC	U	0803	0803	S0	Plastic-A.25
L2238762-08	MW-7BR	S	A2-537-ISOTOPE	WATER	SEC	U	0803	0803	S0	Plastic-A.25
L2238762-09	MW-49WT	S	A2-537-ISOTOPE	WATER	SEC	U	0803	0803	S0	Plastic-A.25
L2238809-01	335 OHIO HILL RD-BEFORE	S	A2-ME-537ISOTOPE-28+	WATER	SEC	U	0803	0803	S0	Plastic-A.25
L2238811-01	31 CURRIER RD-BEFORE	S	A2-ME-537ISOTOPE-28+	WATER	SEC	U	0803	0803	S0	Plastic-A.25
L2238811-02	31 CURRIER RD-BETWEEN	S	A2-ME-537ISOTOPE-28+	WATER	SEC	U	0803	0803	S0	Plastic-A.25
L2238811-03	31 CURRIER RD-AFTER	S	A2-ME-537ISOTOPE-28+	WATER	SEC	U	0803	0803	S0	Plastic-A.25
L2238814-01	401 OHIO HILL RD-BEFORE	S	A2-ME-537ISOTOPE-28+	WATER	SEC	U	0803	0803	S0	Plastic-A.25
L2238814-02	401 OHIO HILL RD-BETWEEN	S	A2-ME-537ISOTOPE-28+	WATER	SEC	U	0803	0803	S0	Plastic-A.25
L2238814-03	401 OHIO HILL RD-AFTER	S	A2-ME-537ISOTOPE-28+	WATER	SEC	U	0803	0803	S0	Plastic-A.25
L2238815-01	549 SKOWHEGAN RD-BEFORE	S	A2-ME-537ISOTOPE-28+	WATER	SEC	U	0803	0803	S0	Plastic-A.25
L2238815-02	549 SKOWHEGAN RD-BETWEEN	S	A2-ME-537ISOTOPE-28+	WATER	SEC	U	0803	0803	S0	Plastic-A.25
L2238815-03	549 SKOWHEGAN RD-AFTER	S	A2-ME-537ISOTOPE-28+	WATER	SEC	U	0803	0803	S0	Plastic-A.25
L2238820-01	403 OHIO HILL RD-BEFORE	S	A2-ME-537ISOTOPE-28+	WATER	SEC	U	0803	0803	S0	Plastic-A.25
L2238820-02	403 OHIO HILL RD-BETWEEN	S	A2-ME-537ISOTOPE-28+	WATER	SEC	U	0803	0803	S0	Plastic-A.25
L2238820-03	403 OHIO HILL RD-AFTER	S	A2-ME-537ISOTOPE-28+	WATER	SEC	U	0803	0803	S0	Plastic-A.25
L2239525-02	FIELD BLANK	S	A2-ME-537ISOTOPE-28+	WATER	SEC	U	0803	0801	S0	Plastic-A.25
L2240579-01	SOIL DRUM	S	A2-NH-537-ISOTOPE	SOIL	SEC	U	0810	0808	5F	Plastic-A-Soil
L2240608-01	S-3; SB#8	S	A2-NH-537-ISOTOPE	SOIL	SEC	U	0811	0802	5C	Plastic-A-Soil
L2240608-02	S-4; SB#8	S	A2-NH-537-ISOTOPE	SOIL	SEC	U	0811	0802	5C	Plastic-A-Soil
L2240608-04	S-6; SB#8	S	A2-NH-537-ISOTOPE	SOIL	SEC	U	0811	0802	5C	Plastic-A-Soil
WG1665978-3	Matrix Spike	S	A2-NY-537-ISOTOPE	WATER	DONE	U				
WG1665978-4	Duplicate Sample	S	A2-NY-537-ISOTOPE	WATER	DONE	U				
WG1667281-1	Laboratory Method Bl	S	A2-537-ISOTOPE	WATER	SEC	U				
WG1667281-2	Laboratory Control S	S	A2-537-ISOTOPE	WATER	SEC	U				
WG1667281-3	Matrix Spike	S	A2-537-ISOTOPE	WATER	SEC	U				
WG1667281-4	Duplicate Sample	S	A2-537-ISOTOPE	WATER	SEC	U				
WG1668997-1	Laboratory Method Bl	S	A2-NH-537-ISOTOPE	SOIL	SEC	U				
WG1668997-2	Laboratory Control S	S	A2-NH-537-ISOTOPE	SOIL	SEC	U				
WG1668997-3	Matrix Spike	S	A2-NH-537-ISOTOPE	SOIL	SEC	U				
WG1668997-4	Duplicate Sample	S	A2-NH-537-ISOTOPE	SOIL	SEC	U				

Comments:

WG1665978-3	L2237198-01
WG1665978-4	L2237198-02
WG1667281-3	L2238379-02
WG1667281-4	L2238379-03
WG1668997-3	L2240608-02
WG1668997-4	L2240608-04

	Vial	File Name	File Text	Sample ID
1	-	----	IS LOT#_537_ISO_ISTD_220719	ISO SURR LOT#LC_ISO_SURR220719A
2	---	---	---	ADON SURR LOT# LC_537_ADDON_220706
3	---	---	---	TOP SURR LOT#LC-537_TOP_SURR_220601
4	1:A,2	I23885	WG1667089,,,IA537STD-10_50uL	IA537STD-.5
5	1:A,3	I23886	WG1667089,,,IA537STD-10_100uL	IA537STD-1
6	1:A,4	I23887	WG1667089,,,IA537STD-10_200uL	IA537STD-2
7	1:A,5	I23888	WG1667089,,,IA537STD-50_100uL	IA537STD-5
8	1:A,6	I23889	WG1667089,,,IA537STD-100_100uL	IA537STD-10
9	1:A,7	I23890	WG1667089,,,LC_537ISO_ICALSTOCK_220629_50uL	IA537STD-25
10	1:A,8	I23891	WG1667089,,,LC_537ISO_ICALSTOCK_220629_100_uL	IA537STD-50
11	1:B,1	I23892	WG1667089,,,LC_537ISO_ICALSTOCK_220629_200uL	IA537STD-100
12	1:B,2	I23893	WG1667089,,,LC_537ISO_ICALSTOCK_220629_250uL	IA537STD-250
13	1:B,3	I23895	WG1667089,,,LC_537ISO_537_TECHSTD220713	TECH STD
14	1:B,4	I23897	WG1667089,,,LC_537ISO_ICV_220629	CA537STD-10

MS File	MS Tune File	Inlet File	Inject Volume	Sample Type	Conc A
---	---	---	0.0	Analyte	---
---	---	---	0.0	Analyte	---
---	---	---	0.0	Analyte	---
537ISO_M_SPAN2_DOD_TOP_220725	220113_TUNE	LCMS_537_ISO_FULL	3.0	Standard	0.5
537ISO_M_SPAN2_DOD_TOP_220725	220113_TUNE	LCMS_537_ISO_FULL	3.0	Standard	1
537ISO_M_SPAN2_DOD_TOP_220725	220113_TUNE	LCMS_537_ISO_FULL	3.0	Standard	2
537ISO_M_SPAN2_DOD_TOP_220725	220113_TUNE	LCMS_537_ISO_FULL	3.0	Standard	5
537ISO_M_SPAN2_DOD_TOP_220725	220113_TUNE	LCMS_537_ISO_FULL	3.0	Standard	10
537ISO_M_SPAN2_DOD_TOP_220725	220113_TUNE	LCMS_537_ISO_FULL	3.0	Standard	25
537ISO_M_SPAN2_DOD_TOP_220725	220113_TUNE	LCMS_537_ISO_FULL	3.0	Standard	50
537ISO_M_SPAN2_DOD_TOP_220725	220113_TUNE	LCMS_537_ISO_FULL	3.0	Standard	100
537ISO_M_SPAN2_DOD_TOP_220725	220113_TUNE	LCMS_537_ISO_FULL	3.0	Standard	250
537ISO_M_SPAN2_DOD_TOP_220725	220113_TUNE	LCMS_537_ISO_FULL	3.0	QC	10
537ISO_M_SPAN2_DOD_TOP_220725	220113_TUNE	LCMS_537_ISO_FULL	3.0	QC	10

User

LCMS01:RS
LCMS01:RS
LCMS01:RS
LCMS01:RS
LCMS01:RS
LCMS01:RS
LCMS01:RS
LCMS01:RS
LCMS01:RS
LCMS01:RS
LCMS01:RS

	Vial	File Name	File Text	Sample ID	MS File	MS Tune File
1	1:B,1	M08685	WG1667929,LC_537_CAL_220713_1	IA537STD-.5	537ISO_MeOH_FRAC_211110	220113_TUNE
2	1:B,2	M08686	WG1667929,LC_537_CAL_220713_2	IA537STD-1.0	537ISO_MeOH_FRAC_211110	220113_TUNE
3	1:B,3	M08687	WG1667929,LC_537_CAL_220713_3	IA537STD-2.5	537ISO_MeOH_FRAC_211110	220113_TUNE
4	1:B,4	M08688	WG1667929,LC_537_CAL_220713_4	IA537STD-10	537ISO_MeOH_FRAC_211110	220113_TUNE
5	1:B,5	M08689	WG1667929,LC_537_CAL_220713_5	IA537STD-25	537ISO_MeOH_FRAC_211110	220113_TUNE
6	1:B,6	M08690	WG1667929,LC_537_CAL_220713_6	IA537STD-100	537ISO_MeOH_FRAC_211110	220113_TUNE
7	1:B,7	M08691	WG1667929,LC_537_CAL_220713_7	IA537STD250	537ISO_MeOH_FRAC_211110	220113_TUNE
8	1:B,8	M08693	WG1667929,LC_537_CAL_220727_ICV	CA2_537STD10	537ISO_MeOH_FRAC_211110	220113_TUNE

Inlet File	Inject Volume	Sample Type	Conc A	User
LCMS_MeOH_FRAC	20.0	Standard	.5	LCMS01:RS
LCMS_MeOH_FRAC	20.0	Standard	1.0	LCMS01:RS
LCMS_MeOH_FRAC	20.0	Standard	2.5	LCMS01:RS
LCMS_MeOH_FRAC	20.0	Standard	10	LCMS01:RS
LCMS_MeOH_FRAC	20.0	Standard	25	LCMS01:RS
LCMS_MeOH_FRAC	20.0	Standard	100	LCMS01:RS
LCMS_MeOH_FRAC	20.0	Standard	250	LCMS01:RS
LCMS_MeOH_FRAC	20.0	QC	10	LCMS01:RS

Run Date	7/30/2022
Instrument	LCMS-01
Verified by	SG

VIAL	FILE	WG STRINGER	SAMPLE ID
1:A,1	I24202	MEOH	MEOH
1:A,1	I24203	MEOH	MEOH
1:A,2	I24204	**WG1669313,WG1660000,ICAL19203,537ILOW**	**WG1669313-1,537ILOW**
1:B,1	I24205	WG1669313,WG1667339,ICAL19203	L2239525-02R
1:B,2	I24206	WG1669313,WG1667339,ICAL19203,LEXT	L2238754-03
1:B,3	I24207	WG1669313,WG1667339,ICAL19203	L2238809-01
1:B,4	I24208	WG1669313,WG1667339,ICAL19203	L2238811-01
1:B,5	I24209	WG1669313,WG1667339,ICAL19203	L2238811-02
1:B,6	I24210	WG1669313,WG1667339,ICAL19203	L2238811-03
1:B,7	I24211	WG1669313,WG1667339,ICAL19203	L2238814-01
1:B,8	I24212	WG1669313,WG1667339,ICAL19203	L2238814-02
1:C,1	I24213	WG1669313,WG1667339,ICAL19203	L2238814-03
1:C,2	I24214	WG1669313,WG1667339,ICAL19203	L2238815-01
1:A,3	I24215	**WG1669313,WG1660000,ICAL19203,537IMED**	**WG1669313-2,537IMED**
1:C,3	I24216	WG1669313,WG1667339,ICAL19203	L2238815-02
1:C,4	I24217	WG1669313,WG1667339,ICAL19203	L2238815-03
1:C,5	I24218	WG1669313,WG1667339,ICAL19203	L2238820-01
1:C,6	I24219	WG1669313,WG1667339,ICAL19203	L2238820-02
1:C,7	I24220	WG1669313,WG1667339,ICAL19203	L2238820-03
1:C,8	I24221	WG1669313,WG1668997,ICAL19203	WG1668997-1
1:D,1	I24222	WG1669313,WG1667339,ICAL19203	WG1668997-2
1:D,2	I24223	WG1669313,WG1667339,ICAL19203	L2240579-01
1:D,3	I24224	WG1669313,WG1667339,ICAL19203	L2240608-01
1:D,4	I24225	WG1669313,WG1667339,ICAL19203	L2240608-02
1:D,5	I24226	WG1669313,WG1667339,ICAL19203	WG1668997-3
1:D,6	I24227	WG1669313,WG1667339,ICAL19203	L2240608-03
1:D,7	I24228	WG1669313,WG1667339,ICAL19203	L2240608-04
1:D,8	I24229	WG1669313,WG1667339,ICAL19203	WG1668997-4
1:A,2	I24230	**WG1669313,WG1660000,ICAL19203,537ILOW**	**WG1669313-3,537ILOW**
1:E,1	I24231	WG1669313,WG1665978,ICAL19203	WG1665978-1
1:E,2	I24232	WG1669313,WG1665978,ICAL19203	WG1665978-2
1:E,3	I24233	WG1669313,WG1665978,ICAL19203	L2237198-01
1:E,4	I24234	WG1669313,WG1665978,ICAL19203	WG1665978-3
1:E,5	I24235	WG1669313,WG1665978,ICAL19203	L2237198-02
1:E,6	I24236	WG1669313,WG1665978,ICAL19203	WG1665978-4
1:E,7	I24237	WG1669313,WG1665978,ICAL19203	L2237198-03
1:E,8	I24238	WG1669313,WG1665978,ICAL19203	L2237198-11
1:F,1	I24239	WG1669313,WG1665978,ICAL19203	L2238471-01
1:F,2	I24240	WG1669313,WG1665978,ICAL19203	L2238471-03
1:A,3	I24241	**WG1669313,WG1660000,ICAL19203,537IMED**	**WG1669313-4,537IMED**
1:F,3	I24242	WG1669313,WG1667281,ICAL19203	WG1667281-1
1:F,4	I24243	WG1669313,WG1667281,ICAL19203	WG1667281-2
1:F,5	I24244	WG1669313,WG1667281,ICAL19203	L2238379-01
1:F,6	I24245	WG1669313,WG1667281,ICAL19203	L2238379-02
1:F,7	I24246	WG1669313,WG1667281,ICAL19203	WG1667281-3
1:F,8	I24247	WG1669313,WG1667281,ICAL19203	L2238379-03

Run Date	7/30/2022
Instrument	LCMS-01
Verified by	SG

VIAL	FILE	WG STRINGER	SAMPLE ID
2:A,1	I24248	WG1669313,WG1667281,ICAL19203	WG1667281-4
2:A,2	I24249	WG1669313,WG1667281,ICAL19203	L2238379-05
2:A,3	I24250	WG1669313,WG1667281,ICAL19203	L2238379-08
2:A,4	I24251	WG1669313,WG1667281,ICAL19203	L2238379-09
2:A,5	I24252	WG1669313,WG1667281,ICAL19203	L2238379-10
2:A,6	I24253	WG1669313,WG1667281,ICAL19203	L2238379-12
2:A,7	I24254	WG1669313,WG1667281,ICAL19203	L2238379-14
2:A,8	I24255	WG1669313,WG1667281,ICAL19203	L2238379-15
1:A,2	I24256	**WG1669313,WG1660000,ICAL19203,537ILOW**	**WG1669313-5,537ILOW**
2:B,1	I24257	WG1669313,WG1667281,ICAL19203	L2238379-16
2:B,2	I24258	WG1669313,WG1667281,ICAL19203	L2238762-01
2:B,3	I24259	WG1669313,WG1667281,ICAL19203	L2238762-02
2:B,4	I24260	WG1669313,WG1667281,ICAL19203	L2238762-03
2:B,5	I24261	WG1669313,WG1667281,ICAL19203	L2238762-04
2:B,6	I24262	WG1669313,WG1667281,ICAL19203	L2238762-05
2:B,7	I24263	WG1669313,WG1667281,ICAL19203	L2238762-06
2:B,8	I24264	WG1669313,WG1667281,ICAL19203	L2238762-07
2:C,1	I24265	WG1669313,WG1667281,ICAL19203	L2238762-08
2:C,2	I24266	WG1669313,WG1667281,ICAL19203	L2238762-09
1:A,3	I24267	**WG1669313,WG1660000,ICAL19203,537IMED**	**WG1669313-6,537IMED**

Run Date	7/31/2022
Instrument	LCMS-01
Verified by	SG

VIAL	FILE	WG STRINGER	SAMPLE ID
1:A,5	M08754	MEOH	MEOH
1:A,5	M08755	MEOH	MEOH
1:A,6	M08756	**WG1669465,WG1660588,ICAL19209,537ILOW**	**WG1669465-1,537ILOW**
1:B,1	M08757	WG1669465,WG1661904,ICAL19209	L2236815-04
1:B,2	M08758	WG1669465,WG1668997,ICAL19209	WG1668997-1
1:B,3	M08759	WG1669465,WG1668997,ICAL19209	WG1668997-2
1:B,4	M08760	WG1669465,WG1668997,ICAL19209	L2240608-03
1:B,5	M08761	WG1669465,WG1665978,ICAL19209	WG1665978-1
1:B,6	M08762	WG1669465,WG1665978,ICAL19209	WG1665978-2
1:B,7	M08763	WG1669465,WG1665978,ICAL19209	L2238471-01
1:A,8	M08764	**WG1669465,WG1660588,ICAL19209,537IMED**	**WG1669465-2,537IMED**

ORGANIC ELN REPORT

Workgroup: WG1665978

Prep Method: ALPHA 23528
Solvent Type: Methanol **Lot #:** EE251-US
Surrogate Type: 537 **Lot #:** LC_537_ISO_SURR_220712
Spike Type: 537 **Lot #:** LC_537_ISO_LCS_220712
Spike Verify by: TR
Lims Spikelot: 537I

Additional Reagents/Stds

2% NH4OH	EC072022F
25 mM NaOAc	EC071622A
Acetic Acid	2021120950
pH Strip	10BDH0821

Conc.Method: N-EVAP
Solvent Type: 80:20 Methanol/Wat
Lot #: EC071522C

Additional Reagents/Stds

IS	537_ISO_ISTD_220707

Cleanup 1

Cleanup Method 1:
Cleanup Method 2:
Solvent Type: **Lot #:**

Additional Reagents/Stds

Extraction | **Concentration**

Sample/ Type	Extract Date	Analyst	Initial Sample Weight	Final Weight g	Sample Vol g	Ph	Balance Id	Surr Amt ml	Spike Amt ml	Pipette Id	Lot: Spe Cartridge	Flow Rate ml/min	Lot: Clnup Cartrid	Flow Rate 2 ml/min	Conc Date	Analyst	Final Vol ml	Conc Unit		Pipette Id
L2237198-01 SAMP	07/22/22 04:10 **13-3, 416**	Amanda Wozniak	286.31	27.87	258.44	3	BAL-27	.02		351	S22-002906, S308-014	4	E00217, 1252	4	07/22/22 09:44	Amanda Wozniak	1.0	N-EVAP-8	60	351,247
L2237198-02 SAMP	07/22/22 04:10 **14-5, 306**	Amanda Wozniak	290.04	27.37	262.67	3	BAL-27	.02		351	S22-002906, S308-014	4	E00217, 1252	4	07/22/22 09:44	Amanda Wozniak	1.0	N-EVAP-8	60	351,247
L2237198-03 SAMP	07/22/22 04:10 **14-2, 406**	Amanda Wozniak	305.33	26.47	278.86	3	BAL-27	.02		351	S22-002906, S308-014	4	E00217, 1252	4	07/22/22 09:44	Amanda Wozniak	1.0	N-EVAP-8	60	351,247
L2237998-11 SAMP	07/22/22 04:10 **14-3, 211**	Amanda Wozniak	290.81	26.28	264.53	3	BAL-27	.02		351	S22-002906, S308-014	4	E00217, 1252	4	07/22/22 09:44	Amanda Wozniak	1.0	N-EVAP-8	60	351,247
L2238471-01 WATER	07/22/22 04:10 **14-4, 216**	Amanda Wozniak	290.59	27.19	263.4	3	BAL-27	.02		351	S22-002906, S308-014	4	E00217, 1252	4	07/22/22 09:44	Amanda Wozniak	1.0	N-EVAP-8	60	351,247
L2238471-03 WATER	07/22/22 04:10 **14-5, 417**	Amanda Wozniak	299.57	27.18	272.39	3	BAL-27	.02		351	S22-002906, S308-014	4	E00217, 1252	4	07/22/22 09:44	Amanda Wozniak	1.0	N-EVAP-8	60	351,247

Reported: 02-AUG-22 01:24 PM

ORGANIC ELN REPORT

Workgroup: WG1665978

Sample/ Type	Extraction													Concentration					
	Extract Date	Analyst	Initial Sample Weight	Final Weight **g**	Sample Vol **g**	Ph	Balance Id	Surr Amt **ml**	Spike Amt **ml**	Pipette Id	Lot: Spe Cartridge	Flow Rate **ml/min**	Lot: Clnup Cartrid	Flow Rate 2 **ml/min**	Conc Date	Analyst	Final Vol **ml**	Conc Unit		Pipette Id
WG1665978-1 BLANK	07/22/22 04:10 **13-1, 421**	Amanda Wozniak	275	25	250	3	BAL-27	.02		351	S22-002906, S308-014	4	E00217, 1252	4	07/22/22 09:44	Amanda Wozniak	1.0	N-EVAP-8	60	351,247
															20uL OF LC_537_ISO_MeOH_ISTD_220709 ADDED TO ALL QC AND SAMPLES FOR METHANOL FRACTIONS					
WG1665978-2 LCS	07/22/22 04:10 **13-2, 401**	Amanda Wozniak	275	25	250	3	BAL-27	.02	.02	351	S22-002906, S308-014	4	E00217, 1252	4	07/22/22 09:44	Amanda Wozniak	1.0	N-EVAP-8	60	351,247
WG1665978-3 MS	07/22/22 04:10 **13-4, 34**	Amanda Wozniak	305.76	27.35	278.41	3	BAL-27	.02	.02	351	S22-002906, S308-014	4	E00217, 1252	4	07/22/22 09:44	Amanda Wozniak	1.0	N-EVAP-8	60	351,247
WG1665978-4 DUP	07/22/22 04:10 **14-1, 410**	Amanda Wozniak	298.77	26.97	271.8	3	BAL-27	.02		351	S22-002906, S308-014	4	E00217, 1252	4	07/22/22 09:44	Amanda Wozniak	1.0	N-EVAP-8	60	351,247

Reported: 02-AUG-22 01:24 PM

Appendix D:

Soil Vapor Laboratory Analytical Data

ANALYTICAL REPORT

Lab Number:	L2150716
Client:	Soils Engineering Services, Inc. 12A Maple Avenue Pine Brook, NJ 07058
ATTN:	Todd Kelly
Phone:	(973) 808-9050
Project Name:	GROSSINGERS
Project Number:	9313:11
Report Date:	09/23/21

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0141), DoD (L2474), FL (E87814), IL (200081), LA (85084), ME (MA00030), MD (350), NJ (MA015), NY (11627), NC (685), OH (CL106), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #P330-17-00150), USFWS (Permit #206964).

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com

Project Name: GROSSINGERS
Project Number: 9313:11

Lab Number: L2150716
Report Date: 09/23/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2150716-01	SMPV-1	SOIL_VAPOR	LIBERTY, NY	09/20/21 12:58	09/20/21
L2150716-02	SMPV-2	SOIL_VAPOR	LIBERTY, NY	09/20/21 13:50	09/20/21
L2150716-03	SMPV-10	SOIL_VAPOR	LIBERTY, NY	09/20/21 09:53	09/20/21
L2150716-04	SMPV-11	SOIL_VAPOR	LIBERTY, NY	09/20/21 10:37	09/20/21
L2150716-05	SMPV-13	SOIL_VAPOR	LIBERTY, NY	09/20/21 11:24	09/20/21
L2150716-06	SMPV-14	SOIL_VAPOR	LIBERTY, NY	09/20/21 12:00	09/20/21
L2150716-07	UNUSED-CAN1933	AIR	LIBERTY, NY		09/20/21
L2150716-08	UNUSED-CAN1842	AIR	LIBERTY, NY		09/20/21

Project Name:	GROSSINGERS	**Lab Number:**	L2150716
Project Number:	9313:11	**Report Date:**	09/23/21

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	GROSSINGERS	**Lab Number:**	L2150716
Project Number:	9313:11	**Report Date:**	09/23/21

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on September 17, 2021. The canister certification results are provided as an addendum.

L2150716-04D: The sample was re-analyzed on dilution in order to quantitate the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Christopher J. Anderson

Title: Technical Director/Representative Date: 09/23/21

AIR

Project Name: GROSSINGERS
Project Number: 9313:11

Lab Number: L2150716
Report Date: 09/23/21

SAMPLE RESULTS

Lab ID: L2150716-01
Client ID: SMPV-1
Sample Location: LIBERTY, NY

Date Collected: 09/20/21 12:58
Date Received: 09/20/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 09/23/21 00:06
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.423	0.200	--	2.09	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	12.0	5.00	--	22.6	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	11.5	1.00	--	27.3	2.38	--		1
Trichlorofluoromethane	1.17	0.200	--	6.57	1.12	--		1
Isopropanol	0.755	0.500	--	1.86	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	1.37	0.500	--	4.15	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	4.39	0.500	--	12.9	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: GROSSINGERS
Project Number: 9313:11

Lab Number: L2150716
Report Date: 09/23/21

SAMPLE RESULTS

Lab ID: L2150716-01
Client ID: SMPV-1
Sample Location: LIBERTY, NY

Date Collected: 09/20/21 12:58
Date Received: 09/20/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.517	0.200	--	1.65	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.362	0.200	--	1.36	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	2.79	0.200	--	18.9	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1

Project Name: GROSSINGERS
Project Number: 9313:11
Lab Number: L2150716
Report Date: 09/23/21

SAMPLE RESULTS

Lab ID: L2150716-01
Client ID: SMPV-1
Sample Location: LIBERTY, NY

Date Collected: 09/20/21 12:58
Date Received: 09/20/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	0.282	0.200	--	1.39	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	97		60-140
Bromochloromethane	99		60-140
chlorobenzene-d5	94		60-140

Project Name: GROSSINGERS
Project Number: 9313:11

Lab Number: L2150716
Report Date: 09/23/21

SAMPLE RESULTS

Lab ID: L2150716-02
Client ID: SMPV-2
Sample Location: LIBERTY, NY

Date Collected: 09/20/21 13:50
Date Received: 09/20/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 09/23/21 00:45
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.530	0.200	--	2.62	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	15.5	5.00	--	29.2	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	8.34	1.00	--	19.8	2.38	--		1
Trichlorofluoromethane	10.4	0.200	--	58.4	1.12	--		1
Isopropanol	0.624	0.500	--	1.53	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	1.01	0.500	--	3.06	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	0.520	0.500	--	1.53	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: GROSSINGERS
Project Number: 9313:11

Lab Number: L2150716
Report Date: 09/23/21

SAMPLE RESULTS

Lab ID: L2150716-02
Client ID: SMPV-2
Sample Location: LIBERTY, NY

Date Collected: 09/20/21 13:50
Date Received: 09/20/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.479	0.200	--	1.53	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.302	0.200	--	1.14	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	3.00	0.200	--	20.3	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1

Project Name: GROSSINGERS
Project Number: 9313:11
Lab Number: L2150716
Report Date: 09/23/21

SAMPLE RESULTS

Lab ID: L2150716-02
Client ID: SMPV-2
Sample Location: LIBERTY, NY

Date Collected: 09/20/21 13:50
Date Received: 09/20/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	0.474	0.400	--	2.06	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.215	0.200	--	0.934	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	0.259	0.200	--	1.27	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	94		60-140

Project Name: GROSSINGERS
Project Number: 9313:11

Lab Number: L2150716
Report Date: 09/23/21

SAMPLE RESULTS

Lab ID: L2150716-03
Client ID: SMPV-10
Sample Location: LIBERTY, NY

Date Collected: 09/20/21 09:53
Date Received: 09/20/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 09/23/21 01:23
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.540	0.200	--	2.67	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	20.5	5.00	--	38.6	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	5.92	1.00	--	14.1	2.38	--		1
Trichlorofluoromethane	1.39	0.200	--	7.81	1.12	--		1
Isopropanol	0.522	0.500	--	1.28	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: GROSSINGERS
Project Number: 9313:11

Lab Number: L2150716
Report Date: 09/23/21

SAMPLE RESULTS

Lab ID: L2150716-03
Client ID: SMPV-10
Sample Location: LIBERTY, NY

Date Collected: 09/20/21 09:53
Date Received: 09/20/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.319	0.200	--	1.20	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	1.28	0.200	--	8.68	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1

Project Name: GROSSINGERS
Project Number: 9313:11
Lab Number: L2150716
Report Date: 09/23/21

SAMPLE RESULTS

Lab ID: L2150716-03
Client ID: SMPV-10
Sample Location: LIBERTY, NY

Date Collected: 09/20/21 09:53
Date Received: 09/20/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	94		60-140

Project Name: GROSSINGERS
Project Number: 9313:11

Lab Number: L2150716
Report Date: 09/23/21

SAMPLE RESULTS

Lab ID: L2150716-04
Client ID: SMPV-11
Sample Location: LIBERTY, NY

Date Collected: 09/20/21 10:37
Date Received: 09/20/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 09/23/21 02:02
Analyst: RY

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.482	0.200	--	2.38	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	9.85	5.00	--	18.6	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	3.82	1.00	--	9.07	2.38	--		1
Trichlorofluoromethane	228	0.200	--	1280	1.12	--	E	1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: GROSSINGERS
Project Number: 9313:11
Lab Number: L2150716
Report Date: 09/23/21

SAMPLE RESULTS

Lab ID: L2150716-04
Client ID: SMPV-11
Sample Location: LIBERTY, NY

Date Collected: 09/20/21 10:37
Date Received: 09/20/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.936	0.200	--	3.53	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	1.32	0.200	--	8.95	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1

Project Name: GROSSINGERS
Project Number: 9313:11
Lab Number: L2150716
Report Date: 09/23/21

SAMPLE RESULTS

Lab ID: L2150716-04
Client ID: SMPV-11
Sample Location: LIBERTY, NY

Date Collected: 09/20/21 10:37
Date Received: 09/20/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	93		60-140
Bromochloromethane	90		60-140
chlorobenzene-d5	95		60-140

Project Name: GROSSINGERS
Project Number: 9313:11

Lab Number: L2150716
Report Date: 09/23/21

SAMPLE RESULTS

Lab ID: L2150716-04 D
Client ID: SMPV-11
Sample Location: LIBERTY, NY

Date Collected: 09/20/21 10:37
Date Received: 09/20/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 09/23/21 06:33
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Trichlorofluoromethane	215	1.00	--	1210	5.62	--		5

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	95		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	92		60-140

Project Name: GROSSINGERS
Project Number: 9313:11
Lab Number: L2150716
Report Date: 09/23/21

SAMPLE RESULTS

Lab ID: L2150716-05
Client ID: SMPV-13
Sample Location: LIBERTY, NY

Date Collected: 09/20/21 11:24
Date Received: 09/20/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 09/23/21 02:41
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	19.6	0.200	--	96.9	0.989	--		1
Chloromethane	0.214	0.200	--	0.442	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	8.63	5.00	--	16.3	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	4.34	1.00	--	10.3	2.38	--		1
Trichlorofluoromethane	16.2	0.200	--	91.0	1.12	--		1
Isopropanol	0.585	0.500	--	1.44	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	0.549	0.500	--	1.66	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: GROSSINGERS
Project Number: 9313:11

Lab Number: L2150716
Report Date: 09/23/21

SAMPLE RESULTS

Lab ID: L2150716-05
Client ID: SMPV-13
Sample Location: LIBERTY, NY

Date Collected: 09/20/21 11:24
Date Received: 09/20/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.308	0.200	--	0.984	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.283	0.200	--	1.07	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	1.57	0.200	--	10.6	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1

Project Name: GROSSINGERS
Project Number: 9313:11
Lab Number: L2150716
Report Date: 09/23/21

SAMPLE RESULTS

Lab ID: L2150716-05
Client ID: SMPV-13
Sample Location: LIBERTY, NY

Date Collected: 09/20/21 11:24
Date Received: 09/20/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	0.212	0.200	--	1.04	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	95		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	93		60-140

Project Name: GROSSINGERS
Project Number: 9313:11

Lab Number: L2150716
Report Date: 09/23/21

SAMPLE RESULTS

Lab ID: L2150716-06
Client ID: SMPV-14
Sample Location: LIBERTY, NY

Date Collected: 09/20/21 12:00
Date Received: 09/20/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 09/23/21 03:20
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.639	0.200	--	3.16	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	7.28	5.00	--	13.7	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	4.90	1.00	--	11.6	2.38	--		1
Trichlorofluoromethane	12.9	0.200	--	72.5	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	0.565	0.500	--	1.71	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: GROSSINGERS
Project Number: 9313:11

Lab Number: L2150716
Report Date: 09/23/21

SAMPLE RESULTS

Lab ID: L2150716-06
Client ID: SMPV-14
Sample Location: LIBERTY, NY

Date Collected: 09/20/21 12:00
Date Received: 09/20/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.300	0.200	--	0.958	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.226	0.200	--	0.852	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	1.66	0.200	--	11.3	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1

Project Name: GROSSINGERS
Project Number: 9313:11
Lab Number: L2150716
Report Date: 09/23/21

SAMPLE RESULTS

Lab ID: L2150716-06
Client ID: SMPV-14
Sample Location: LIBERTY, NY

Date Collected: 09/20/21 12:00
Date Received: 09/20/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	0.218	0.200	--	1.07	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	93		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	93		60-140

Project Name: GROSSINGERS
Project Number: 9313:11
Lab Number: L2150716
Report Date: 09/23/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 09/22/21 16:59

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-06 Batch: WG1549566-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1

Project Name: GROSSINGERS
Project Number: 9313:11
Lab Number: L2150716
Report Date: 09/23/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 09/22/21 16:59

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-06 Batch: WG1549566-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: GROSSINGERS
Project Number: 9313:11
Lab Number: L2150716
Report Date: 09/23/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 09/22/21 16:59

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-06 Batch: WG1549566-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Lab Control Sample Analysis
Batch Quality Control

Project Name: GROSSINGERS
Project Number: 9313:11

Lab Number: L2150716
Report Date: 09/23/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-06 Batch: WG1549566-3								
Dichlorodifluoromethane	96		-		70-130	-		
Chloromethane	83		-		70-130	-		
Freon-114	90		-		70-130	-		
Vinyl chloride	88		-		70-130	-		
1,3-Butadiene	88		-		70-130	-		
Bromomethane	90		-		70-130	-		
Chloroethane	86		-		70-130	-		
Ethanol	88		-		40-160	-		
Vinyl bromide	83		-		70-130	-		
Acetone	66		-		40-160	-		
Trichlorofluoromethane	91		-		70-130	-		
Isopropanol	62		-		40-160	-		
1,1-Dichloroethene	87		-		70-130	-		
Tertiary butyl Alcohol	93		-		70-130	-		
Methylene chloride	104		-		70-130	-		
3-Chloropropene	92		-		70-130	-		
Carbon disulfide	90		-		70-130	-		
Freon-113	92		-		70-130	-		
trans-1,2-Dichloroethene	90		-		70-130	-		
1,1-Dichloroethane	91		-		70-130	-		
Methyl tert butyl ether	95		-		70-130	-		
2-Butanone	92		-		70-130	-		
cis-1,2-Dichloroethene	95		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: GROSSINGERS
Project Number: 9313:11

Lab Number: L2150716
Report Date: 09/23/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-06 Batch: WG1549566-3								
Ethyl Acetate	97		-		70-130	-		
Chloroform	100		-		70-130	-		
Tetrahydrofuran	89		-		70-130	-		
1,2-Dichloroethane	94		-		70-130	-		
n-Hexane	98		-		70-130	-		
1,1,1-Trichloroethane	97		-		70-130	-		
Benzene	91		-		70-130	-		
Carbon tetrachloride	103		-		70-130	-		
Cyclohexane	100		-		70-130	-		
1,2-Dichloropropane	92		-		70-130	-		
Bromodichloromethane	103		-		70-130	-		
1,4-Dioxane	100		-		70-130	-		
Trichloroethene	96		-		70-130	-		
2,2,4-Trimethylpentane	100		-		70-130	-		
Heptane	93		-		70-130	-		
cis-1,3-Dichloropropene	106		-		70-130	-		
4-Methyl-2-pentanone	96		-		70-130	-		
trans-1,3-Dichloropropene	92		-		70-130	-		
1,1,2-Trichloroethane	96		-		70-130	-		
Toluene	86		-		70-130	-		
2-Hexanone	96		-		70-130	-		
Dibromochloromethane	101		-		70-130	-		
1,2-Dibromoethane	95		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: GROSSINGERS
Project Number: 9313:11

Lab Number: L2150716
Report Date: 09/23/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-06 Batch: WG1549566-3								
Tetrachloroethene	93		-		70-130	-		
Chlorobenzene	94		-		70-130	-		
Ethylbenzene	95		-		70-130	-		
p/m-Xylene	95		-		70-130	-		
Bromoform	104		-		70-130	-		
Styrene	99		-		70-130	-		
1,1,2,2-Tetrachloroethane	101		-		70-130	-		
o-Xylene	97		-		70-130	-		
4-Ethyltoluene	97		-		70-130	-		
1,3,5-Trimethylbenzene	94		-		70-130	-		
1,2,4-Trimethylbenzene	100		-		70-130	-		
Benzyl chloride	104		-		70-130	-		
1,3-Dichlorobenzene	100		-		70-130	-		
1,4-Dichlorobenzene	99		-		70-130	-		
1,2-Dichlorobenzene	98		-		70-130	-		
1,2,4-Trichlorobenzene	109		-		70-130	-		
Hexachlorobutadiene	101		-		70-130	-		

Project Name: GROSSINGERS

Project Number: 9313:11

Lab Number: L2150716

Report Date: 09/23/21

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2150716-01	SMPV-1	01636	Flow 1	09/17/21	364314		-	-	-	Pass	160	162	1
L2150716-01	SMPV-1	1530	6.0L Can	09/17/21	364314	L2145018-02	Pass	-29.4	-6.1	-	-	-	-
L2150716-02	SMPV-2	01402	Flow 1	09/17/21	364314		-	-	-	Pass	160	160	0
L2150716-02	SMPV-2	2890	6.0L Can	09/17/21	364314	L2145018-02	Pass	-29.3	-7.1	-	-	-	-
L2150716-03	SMPV-10	0215	Flow 3	09/17/21	364314		-	-	-	Pass	160	162	1
L2150716-03	SMPV-10	1659	6.0L Can	09/17/21	364314	L2145018-02	Pass	-29.2	-5.6	-	-	-	-
L2150716-04	SMPV-11	01586	Flow 1	09/17/21	364314		-	-	-	Pass	160	158	1
L2150716-04	SMPV-11	3130	6.0L Can	09/17/21	364314	L2145018-02	Pass	-29.3	-6.6	-	-	-	-
L2150716-05	SMPV-13	01199	Flow 5	09/17/21	364314		-	-	-	Pass	161	158	2
L2150716-05	SMPV-13	2587	6.0L Can	09/17/21	364314	L2145018-02	Pass	-29.3	-6.3	-	-	-	-
L2150716-06	SMPV-14	01637	Flow 1	09/17/21	364314		-	-	-	Pass	161	160	1
L2150716-06	SMPV-14	952	6.0L Can	09/17/21	364314	L2145765-04	Pass	-29.4	-6.4	-	-	-	-
L2150716-07	UNUSED-CAN1933	01507	Flow 3	09/17/21	364314		-	-	-	Pass	160	162	1
L2150716-07	UNUSED-CAN1933	1993	6.0L Can	09/17/21	364314	L2145018-02	Pass	-29.5	-29.9	-	-	-	-
L2150716-08	UNUSED-CAN1842	0355	Flow 1	09/17/21	364314		-	-	-	Pass	160	158	1

Project Name: GROSSINGERS

Lab Number: L2150716

Project Number: 9313:11

Report Date: 09/23/21

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2150716-08	UNUSED-CAN1842	1842	6.0L Can	09/17/21	364314	L2145018-02	Pass	-29.3	-29.8	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2145018
Report Date: 09/23/21

Air Canister Certification Results

Lab ID: L2145018-02
Client ID: CAN 2323 SHELF 52
Sample Location:

Date Collected: 08/20/21 09:00
Date Received: 08/20/21
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 08/23/21 17:50
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2145018
Report Date: 09/23/21

Air Canister Certification Results

Lab ID: L2145018-02
Client ID: CAN 2323 SHELF 52
Sample Location:

Date Collected: 08/20/21 09:00
Date Received: 08/20/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2145018
Report Date: 09/23/21

Air Canister Certification Results

Lab ID: L2145018-02
Client ID: CAN 2323 SHELF 52
Sample Location:

Date Collected: 08/20/21 09:00
Date Received: 08/20/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2145018

Project Number: CANISTER QC BAT **Report Date:** 09/23/21

Air Canister Certification Results

Lab ID: L2145018-02
Client ID: CAN 2323 SHELF 52
Sample Location:

Date Collected: 08/20/21 09:00
Date Received: 08/20/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2145018
Report Date: 09/23/21

Air Canister Certification Results

Lab ID: L2145018-02
Client ID: CAN 2323 SHELF 52
Sample Location:

Date Collected: 08/20/21 09:00
Date Received: 08/20/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	91		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	94		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2145018
Report Date: 09/23/21

Air Canister Certification Results

Lab ID: L2145018-02
Client ID: CAN 2323 SHELF 52
Sample Location:

Date Collected: 08/20/21 09:00
Date Received: 08/20/21
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 08/23/21 17:50
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2145018

Project Number: CANISTER QC BAT **Report Date:** 09/23/21

Air Canister Certification Results

Lab ID: L2145018-02
Client ID: CAN 2323 SHELF 52
Sample Location:

Date Collected: 08/20/21 09:00
Date Received: 08/20/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2145018

Project Number: CANISTER QC BAT **Report Date:** 09/23/21

Air Canister Certification Results

Lab ID: L2145018-02
Client ID: CAN 2323 SHELF 52
Sample Location:

Date Collected: 08/20/21 09:00
Date Received: 08/20/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	90		60-140
bromochloromethane	93		60-140
chlorobenzene-d5	93		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2145765
Report Date: 09/23/21

Air Canister Certification Results

Lab ID: L2145765-04
Client ID: CAN 1865 SHELF 47
Sample Location:

Date Collected: 08/26/21 09:00
Date Received: 08/26/21
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 08/28/21 01:38
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2145765

Project Number: CANISTER QC BAT **Report Date:** 09/23/21

Air Canister Certification Results

Lab ID: L2145765-04
Client ID: CAN 1865 SHELF 47
Sample Location:

Date Collected: 08/26/21 09:00
Date Received: 08/26/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2145765
Report Date: 09/23/21

Air Canister Certification Results

Lab ID: L2145765-04
Client ID: CAN 1865 SHELF 47
Sample Location:

Date Collected: 08/26/21 09:00
Date Received: 08/26/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2145765
Report Date: 09/23/21

Air Canister Certification Results

Lab ID: L2145765-04
Client ID: CAN 1865 SHELF 47
Sample Location:

Date Collected: 08/26/21 09:00
Date Received: 08/26/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,3-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2145765
Report Date: 09/23/21

Air Canister Certification Results

Lab ID: L2145765-04
Client ID: CAN 1865 SHELF 47
Sample Location:

Date Collected: 08/26/21 09:00
Date Received: 08/26/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	106		60-140
Bromochloromethane	118		60-140
chlorobenzene-d5	101		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2145765
Report Date: 09/23/21

Air Canister Certification Results

Lab ID: L2145765-04
Client ID: CAN 1865 SHELF 47
Sample Location:

Date Collected: 08/26/21 09:00
Date Received: 08/26/21
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 08/28/21 01:38
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2145765

Project Number: CANISTER QC BAT **Report Date:** 09/23/21

Air Canister Certification Results

Lab ID: L2145765-04
Client ID: CAN 1865 SHELF 47
Sample Location:

Date Collected: 08/26/21 09:00
Date Received: 08/26/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2145765

Project Number: CANISTER QC BAT **Report Date:** 09/23/21

Air Canister Certification Results

Lab ID: L2145765-04
Client ID: CAN 1865 SHELF 47
Sample Location:

Date Collected: 08/26/21 09:00
Date Received: 08/26/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	103		60-140
bromochloromethane	118		60-140
chlorobenzene-d5	102		60-140

Project Name: GROSSINGERS
Project Number: 9313:11

Lab Number: L2150716
Report Date: 09/23/21

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2150716-01A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2150716-02A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2150716-03A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2150716-04A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2150716-05A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2150716-06A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2150716-07A	Canister - 6 Liter	NA	NA			Y	Absent		CLEAN-FEE()
L2150716-08A	Canister - 6 Liter	NA	NA			Y	Absent		CLEAN-FEE()

*Values in parentheses indicate holding time in days

Project Name:	GROSSINGERS	**Lab Number:**	L2150716
Project Number:	9313:11	**Report Date:**	09/23/21

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report

Project Name:	GROSSINGERS	**Lab Number:**	L2150716
Project Number:	9313:11	**Report Date:**	09/23/21

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the reporting limit (RL) for the sample.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where

Report Format: Data Usability Report

Project Name:	GROSSINGERS	**Lab Number:**	L2150716
Project Number:	9313:11	**Report Date:**	09/23/21

Data Qualifiers

the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: Data Usability Report

REFERENCES

48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

Serial_No:09232115:37

AIR ANALYSIS

PAGE ____ OF ____

CHAIN OF CUSTODY

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 9/21/21

ALPHA Job #: L2150716

Client Information

Client: SESI Consulting Engineers
Address: 12A Maple Ave
Pine Brook NJ
Phone:
Fax:
Email: TTK@SESI.URG

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Grossingers
Project Location: Liberty, NJ
Project #: 9313.11
Project Manager: Todd Kelly
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved)

Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☒ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☒ EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

★ 2 Unused Summa cans included

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	TO-15	TO-15 SIM	APH (Subtract Non-petroleum HCs ☐)	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
S0716-01	SMPV-1	9/20/21	1228	1258	-28.69	-4.19	SV	MEM	6L	1530	01636	X					
02	SMPV-2		1320	1350	-28.70	-5.08				2896	01402	X					
03	SMPV-10		0923	0953	-28.33	-4.36				1651	0215	X					
04	SMPV-11		1007	1037	-28.36	-5.35				3130	01586	X					
05	SMPV-13		1054	1124	-28.58	-4.65				2587	01799	X					
06	SMPV-14		1130	1200	-28.42	-3.44				952	01637	X					

*SAMPLE MATRIX CODES

AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Relinquished By:	Date/Time	Received By:	Date/Time:
	9/20/21 16:20		9/20/21 16:20
	9/20/21 17:30		9/20/21 21:15
	9/21/21 0245		9/21/21 0245

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

ANALYTICAL REPORT

Lab Number:	L2237175
Client:	Soils Engineering Services, Inc. 12A Maple Avenue Pine Brook, NJ 07058
ATTN:	Steven Gustems
Phone:	(973) 808-9050
Project Name:	GROSSINGERS
Project Number:	9313
Report Date:	07/21/22

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0141), DoD (L2474), FL (E87814), IL (200081), LA (85084), ME (MA00030), MD (350), NJ (MA015), NY (11627), NC (685), OH (CL106), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #P330-17-00150), USFWS (Permit #206964).

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com

Project Name: GROSSINGERS
Project Number: 9313

Lab Number: L2237175
Report Date: 07/21/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2237175-01	SMPV-1	SOIL_VAPOR	LIBERTY, NY	07/12/22 10:15	07/13/22
L2237175-02	SMPV-2	SOIL_VAPOR	LIBERTY, NY	07/12/22 10:58	07/13/22
L2237175-03	SMPV-3	SOIL_VAPOR	LIBERTY, NY	07/12/22 10:35	07/13/22
L2237175-04	SMPV-10	SOIL_VAPOR	LIBERTY, NY	07/12/22 12:00	07/13/22
L2237175-05	SMPV-11	SOIL_VAPOR	LIBERTY, NY	07/12/22 12:30	07/13/22
L2237175-06	SMPV-12	SOIL_VAPOR	LIBERTY, NY	07/12/22 11:30	07/13/22
L2237175-07	SMPV-13	SOIL_VAPOR	LIBERTY, NY	07/12/22 13:00	07/13/22
L2237175-08	SMPV-14	SOIL_VAPOR	LIBERTY, NY	07/12/22 13:34	07/13/22

Project Name:	GROSSINGERS	**Lab Number:**	L2237175
Project Number:	9313	**Report Date:**	07/21/22

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: GROSSINGERS **Lab Number:** L2237175
Project Number: 9313 **Report Date:** 07/21/22

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on July 8, 2022. The canister certification results are provided as an addendum.

L2237175-05D and -07D2: The samples have elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the samples.

L2237175-07D: The sample was re-analyzed on dilution in order to quantitate the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Christopher J. Anderson

Title: Technical Director/Representative Date: 07/21/22

AIR

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2237175
Report Date: 07/21/22

SAMPLE RESULTS

Lab ID: L2237175-01
Client ID: SMPV-1
Sample Location: LIBERTY, NY

Date Collected: 07/12/22 10:15
Date Received: 07/13/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 07/20/22 22:44
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.735	0.200	--	3.63	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	126	5.00	--	237	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	37.3	1.00	--	88.6	2.38	--		1
Trichlorofluoromethane	1.05	0.200	--	5.90	1.12	--		1
Isopropanol	3.57	0.500	--	8.78	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	11.4	0.500	--	34.6	1.52	--		1
Methylene chloride	0.920	0.500	--	3.20	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.865	0.200	--	2.69	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	1.06	0.500	--	3.13	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2237175
Report Date: 07/21/22

SAMPLE RESULTS

Lab ID: L2237175-01
Client ID: SMPV-1
Sample Location: LIBERTY, NY

Date Collected: 07/12/22 10:15
Date Received: 07/13/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	1.17	0.500	--	4.22	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	0.932	0.500	--	2.75	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.279	0.200	--	0.983	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	1.64	0.200	--	5.24	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.856	0.200	--	2.95	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.317	0.200	--	1.30	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	5.54	0.500	--	22.7	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	2.68	0.200	--	10.1	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	2.50	0.200	--	10.9	0.869	--		1

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2237175
Report Date: 07/21/22

SAMPLE RESULTS

Lab ID: L2237175-01
Client ID: SMPV-1
Sample Location: LIBERTY, NY

Date Collected: 07/12/22 10:15
Date Received: 07/13/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	3.81	0.400	--	16.5	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	2.01	0.200	--	8.73	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	0.387	0.200	--	1.90	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	94		60-140
Bromochloromethane	91		60-140
chlorobenzene-d5	99		60-140

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2237175
Report Date: 07/21/22

SAMPLE RESULTS

Lab ID: L2237175-02
Client ID: SMPV-2
Sample Location: LIBERTY, NY

Date Collected: 07/12/22 10:58
Date Received: 07/13/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 07/21/22 00:02
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.660	0.200	--	3.26	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	120	5.00	--	226	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	41.0	1.00	--	97.4	2.38	--		1
Trichlorofluoromethane	4.84	0.200	--	27.2	1.12	--		1
Isopropanol	2.00	0.500	--	4.92	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	4.95	0.500	--	15.0	1.52	--		1
Methylene chloride	0.917	0.500	--	3.19	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.201	0.200	--	0.626	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	1.13	0.500	--	3.33	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: GROSSINGERS
Project Number: 9313

Lab Number: L2237175
Report Date: 07/21/22

SAMPLE RESULTS

Lab ID: L2237175-02
Client ID: SMPV-2
Sample Location: LIBERTY, NY

Date Collected: 07/12/22 10:58
Date Received: 07/13/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	0.736	0.500	--	2.65	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	0.841	0.500	--	2.48	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	2.24	0.200	--	7.16	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.435	0.200	--	1.50	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.247	0.200	--	1.01	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	5.48	0.500	--	22.5	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	2.12	0.200	--	7.99	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	2.38	0.200	--	10.3	0.869	--		1

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2237175
Report Date: 07/21/22

SAMPLE RESULTS

Lab ID: L2237175-02
Client ID: SMPV-2
Sample Location: LIBERTY, NY

Date Collected: 07/12/22 10:58
Date Received: 07/13/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	3.87	0.400	--	16.8	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	1.97	0.200	--	8.56	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	0.373	0.200	--	1.83	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	94		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	99		60-140

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2237175
Report Date: 07/21/22

SAMPLE RESULTS

Lab ID: L2237175-03
Client ID: SMPV-3
Sample Location: LIBERTY, NY

Date Collected: 07/12/22 10:35
Date Received: 07/13/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 07/21/22 00:41
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.786	0.200	--	3.89	0.989	--		1
Chloromethane	0.243	0.200	--	0.502	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	7.10	5.00	--	13.4	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	5.48	1.00	--	13.0	2.38	--		1
Trichlorofluoromethane	0.376	0.200	--	2.11	1.12	--		1
Isopropanol	0.674	0.500	--	1.66	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	3.44	0.500	--	10.4	1.52	--		1
Methylene chloride	6.84	0.500	--	23.8	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.369	0.200	--	1.15	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	0.561	0.500	--	1.65	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: GROSSINGERS
Project Number: 9313

Lab Number: L2237175
Report Date: 07/21/22

SAMPLE RESULTS

Lab ID: L2237175-03
Client ID: SMPV-3
Sample Location: LIBERTY, NY

Date Collected: 07/12/22 10:35
Date Received: 07/13/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.205	0.200	--	1.00	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.268	0.200	--	0.945	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.319	0.200	--	1.10	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.986	0.200	--	3.72	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	1.23	0.200	--	5.34	0.869	--		1

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2237175
Report Date: 07/21/22

SAMPLE RESULTS

Lab ID: L2237175-03
Client ID: SMPV-3
Sample Location: LIBERTY, NY

Date Collected: 07/12/22 10:35
Date Received: 07/13/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	1.43	0.400	--	6.21	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.897	0.200	--	3.90	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	95		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	97		60-140

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2237175
Report Date: 07/21/22

SAMPLE RESULTS

Lab ID: L2237175-04
Client ID: SMPV-10
Sample Location: LIBERTY, NY

Date Collected: 07/12/22 12:00
Date Received: 07/13/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 07/21/22 01:20
Analyst: TS

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	2.09	0.200	--	10.3	0.989	--		1
Chloromethane	0.280	0.200	--	0.578	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	81.5	5.00	--	154	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	66.4	1.00	--	158	2.38	--		1
Trichlorofluoromethane	7.82	0.200	--	43.9	1.12	--		1
Isopropanol	2.50	0.500	--	6.15	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	10.5	0.500	--	31.8	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.371	0.200	--	1.16	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	1.86	0.500	--	5.49	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2237175
Report Date: 07/21/22

SAMPLE RESULTS

Lab ID: L2237175-04
Client ID: SMPV-10
Sample Location: LIBERTY, NY

Date Collected: 07/12/22 12:00
Date Received: 07/13/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	0.853	0.500	--	3.07	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	1.10	0.500	--	3.24	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.224	0.200	--	0.789	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	2.75	0.200	--	8.79	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.715	0.200	--	2.46	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.363	0.200	--	1.49	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	6.43	0.500	--	26.4	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	2.79	0.200	--	10.5	0.754	--		1
2-Hexanone	0.253	0.200	--	1.04	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	4.13	0.200	--	17.9	0.869	--		1

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2237175
Report Date: 07/21/22

SAMPLE RESULTS

Lab ID: L2237175-04
Client ID: SMPV-10
Sample Location: LIBERTY, NY

Date Collected: 07/12/22 12:00
Date Received: 07/13/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	5.29	0.400	--	23.0	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	3.11	0.200	--	13.5	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	0.497	0.200	--	2.44	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	0.244	0.200	--	1.47	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	94		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	101		60-140

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2237175
Report Date: 07/21/22

SAMPLE RESULTS

Lab ID: L2237175-05 D
Client ID: SMPV-11
Sample Location: LIBERTY, NY

Date Collected: 07/12/22 12:30
Date Received: 07/13/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 07/21/22 01:58
Analyst: TS

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	1.00	--	ND	4.94	--		5
Chloromethane	ND	1.00	--	ND	2.07	--		5
Freon-114	ND	1.00	--	ND	6.99	--		5
Vinyl chloride	ND	1.00	--	ND	2.56	--		5
1,3-Butadiene	ND	1.00	--	ND	2.21	--		5
Bromomethane	ND	1.00	--	ND	3.88	--		5
Chloroethane	ND	1.00	--	ND	2.64	--		5
Ethanol	62.4	25.0	--	118	47.1	--		5
Vinyl bromide	ND	1.00	--	ND	4.37	--		5
Acetone	29.4	5.00	--	69.8	11.9	--		5
Trichlorofluoromethane	303	1.00	--	1700	5.62	--		5
Isopropanol	3.22	2.50	--	7.92	6.15	--		5
1,1-Dichloroethene	ND	1.00	--	ND	3.96	--		5
Tertiary butyl Alcohol	14.9	2.50	--	45.2	7.58	--		5
Methylene chloride	ND	2.50	--	ND	8.69	--		5
3-Chloropropene	ND	1.00	--	ND	3.13	--		5
Carbon disulfide	ND	1.00	--	ND	3.11	--		5
Freon-113	ND	1.00	--	ND	7.66	--		5
trans-1,2-Dichloroethene	ND	1.00	--	ND	3.96	--		5
1,1-Dichloroethane	ND	1.00	--	ND	4.05	--		5
Methyl tert butyl ether	ND	1.00	--	ND	3.61	--		5
2-Butanone	ND	2.50	--	ND	7.37	--		5
cis-1,2-Dichloroethene	ND	1.00	--	ND	3.96	--		5

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2237175
Report Date: 07/21/22

SAMPLE RESULTS

Lab ID: L2237175-05 D
Client ID: SMPV-11
Sample Location: LIBERTY, NY

Date Collected: 07/12/22 12:30
Date Received: 07/13/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	2.50	--	ND	9.01	--		5
Chloroform	ND	1.00	--	ND	4.88	--		5
Tetrahydrofuran	ND	2.50	--	ND	7.37	--		5
1,2-Dichloroethane	ND	1.00	--	ND	4.05	--		5
n-Hexane	76.0	1.00	--	268	3.52	--		5
1,1,1-Trichloroethane	ND	1.00	--	ND	5.46	--		5
Benzene	6.64	1.00	--	21.2	3.19	--		5
Carbon tetrachloride	ND	1.00	--	ND	6.29	--		5
Cyclohexane	89.8	1.00	--	309	3.44	--		5
1,2-Dichloropropane	ND	1.00	--	ND	4.62	--		5
Bromodichloromethane	ND	1.00	--	ND	6.70	--		5
1,4-Dioxane	ND	1.00	--	ND	3.60	--		5
Trichloroethene	ND	1.00	--	ND	5.37	--		5
2,2,4-Trimethylpentane	ND	1.00	--	ND	4.67	--		5
Heptane	26.1	1.00	--	107	4.10	--		5
cis-1,3-Dichloropropene	ND	1.00	--	ND	4.54	--		5
4-Methyl-2-pentanone	10.8	2.50	--	44.3	10.2	--		5
trans-1,3-Dichloropropene	ND	1.00	--	ND	4.54	--		5
1,1,2-Trichloroethane	ND	1.00	--	ND	5.46	--		5
Toluene	2.42	1.00	--	9.12	3.77	--		5
2-Hexanone	ND	1.00	--	ND	4.10	--		5
Dibromochloromethane	ND	1.00	--	ND	8.52	--		5
1,2-Dibromoethane	ND	1.00	--	ND	7.69	--		5
Tetrachloroethene	ND	1.00	--	ND	6.78	--		5
Chlorobenzene	ND	1.00	--	ND	4.61	--		5
Ethylbenzene	2.94	1.00	--	12.8	4.34	--		5

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2237175
Report Date: 07/21/22

SAMPLE RESULTS

Lab ID: L2237175-05 D
Client ID: SMPV-11
Sample Location: LIBERTY, NY

Date Collected: 07/12/22 12:30
Date Received: 07/13/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	3.89	2.00	--	16.9	8.69	--		5
Bromoform	ND	1.00	--	ND	10.3	--		5
Styrene	ND	1.00	--	ND	4.26	--		5
1,1,2,2-Tetrachloroethane	ND	1.00	--	ND	6.87	--		5
o-Xylene	2.30	1.00	--	9.99	4.34	--		5
4-Ethyltoluene	ND	1.00	--	ND	4.92	--		5
1,3,5-Trimethylbenzene	ND	1.00	--	ND	4.92	--		5
1,2,4-Trimethylbenzene	ND	1.00	--	ND	4.92	--		5
Benzyl chloride	ND	1.00	--	ND	5.18	--		5
1,3-Dichlorobenzene	ND	1.00	--	ND	6.01	--		5
1,4-Dichlorobenzene	ND	1.00	--	ND	6.01	--		5
1,2-Dichlorobenzene	ND	1.00	--	ND	6.01	--		5
1,2,4-Trichlorobenzene	ND	1.00	--	ND	7.42	--		5
Hexachlorobutadiene	ND	1.00	--	ND	10.7	--		5

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	92		60-140
Bromochloromethane	92		60-140
chlorobenzene-d5	91		60-140

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2237175
Report Date: 07/21/22

SAMPLE RESULTS

Lab ID: L2237175-06
Client ID: SMPV-12
Sample Location: LIBERTY, NY

Date Collected: 07/12/22 11:30
Date Received: 07/13/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 07/21/22 02:37
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.567	0.200	--	2.80	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	75.1	5.00	--	142	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	47.5	1.00	--	113	2.38	--		1
Trichlorofluoromethane	0.629	0.200	--	3.53	1.12	--		1
Isopropanol	2.69	0.500	--	6.61	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	11.6	0.500	--	35.2	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	1.30	0.500	--	3.83	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2237175
Report Date: 07/21/22

SAMPLE RESULTS

Lab ID: L2237175-06
Client ID: SMPV-12
Sample Location: LIBERTY, NY

Date Collected: 07/12/22 11:30
Date Received: 07/13/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	0.744	0.500	--	2.68	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	0.747	0.500	--	2.20	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	2.16	0.200	--	6.90	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.618	0.200	--	2.13	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.250	0.200	--	1.02	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	5.74	0.500	--	23.5	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	1.84	0.200	--	6.93	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	2.22	0.200	--	9.64	0.869	--		1

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2237175
Report Date: 07/21/22

SAMPLE RESULTS

Lab ID: L2237175-06
Client ID: SMPV-12
Sample Location: LIBERTY, NY

Date Collected: 07/12/22 11:30
Date Received: 07/13/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	3.23	0.400	--	14.0	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	1.74	0.200	--	7.56	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	0.346	0.200	--	1.70	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	95		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	101		60-140

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2237175
Report Date: 07/21/22

SAMPLE RESULTS

Lab ID: L2237175-07 D
Client ID: SMPV-13
Sample Location: LIBERTY, NY

Date Collected: 07/12/22 13:00
Date Received: 07/13/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 07/21/22 03:15
Analyst: TS

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	651	0.417	--	3220	2.06	--	E	2.083
Chloromethane	0.437	0.417	--	0.902	0.861	--		2.083
Freon-114	ND	0.417	--	ND	2.91	--		2.083
Vinyl chloride	ND	0.417	--	ND	1.07	--		2.083
1,3-Butadiene	ND	0.417	--	ND	0.923	--		2.083
Bromomethane	ND	0.417	--	ND	1.62	--		2.083
Chloroethane	ND	0.417	--	ND	1.10	--		2.083
Ethanol	49.7	10.4	--	93.6	19.6	--		2.083
Vinyl bromide	ND	0.417	--	ND	1.82	--		2.083
Acetone	62.3	2.08	--	148	4.94	--		2.083
Trichlorofluoromethane	123	0.417	--	691	2.34	--		2.083
Isopropanol	2.74	1.04	--	6.74	2.56	--		2.083
1,1-Dichloroethene	ND	0.417	--	ND	1.65	--		2.083
Tertiary butyl Alcohol	17.1	1.04	--	51.8	3.15	--		2.083
Methylene chloride	4.25	1.04	--	14.8	3.61	--		2.083
3-Chloropropene	ND	0.417	--	ND	1.31	--		2.083
Carbon disulfide	0.504	0.417	--	1.57	1.30	--		2.083
Freon-113	ND	0.417	--	ND	3.20	--		2.083
trans-1,2-Dichloroethene	ND	0.417	--	ND	1.65	--		2.083
1,1-Dichloroethane	ND	0.417	--	ND	1.69	--		2.083
Methyl tert butyl ether	ND	0.417	--	ND	1.50	--		2.083
2-Butanone	6.89	1.04	--	20.3	3.07	--		2.083
cis-1,2-Dichloroethene	ND	0.417	--	ND	1.65	--		2.083

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2237175
Report Date: 07/21/22

SAMPLE RESULTS

Lab ID: L2237175-07 D
Client ID: SMPV-13
Sample Location: LIBERTY, NY

Date Collected: 07/12/22 13:00
Date Received: 07/13/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	1.04	--	ND	3.75	--		2.083
Chloroform	ND	0.417	--	ND	2.04	--		2.083
Tetrahydrofuran	ND	1.04	--	ND	3.07	--		2.083
1,2-Dichloroethane	ND	0.417	--	ND	1.69	--		2.083
n-Hexane	11.0	0.417	--	38.8	1.47	--		2.083
1,1,1-Trichloroethane	ND	0.417	--	ND	2.28	--		2.083
Benzene	3.25	0.417	--	10.4	1.33	--		2.083
Carbon tetrachloride	ND	0.417	--	ND	2.62	--		2.083
Cyclohexane	21.0	0.417	--	72.3	1.44	--		2.083
1,2-Dichloropropane	ND	0.417	--	ND	1.93	--		2.083
Bromodichloromethane	ND	0.417	--	ND	2.79	--		2.083
1,4-Dioxane	ND	0.417	--	ND	1.50	--		2.083
Trichloroethene	ND	0.417	--	ND	2.24	--		2.083
2,2,4-Trimethylpentane	ND	0.417	--	ND	1.95	--		2.083
Heptane	12.2	0.417	--	50.0	1.71	--		2.083
cis-1,3-Dichloropropene	ND	0.417	--	ND	1.89	--		2.083
4-Methyl-2-pentanone	6.67	1.04	--	27.3	4.26	--		2.083
trans-1,3-Dichloropropene	ND	0.417	--	ND	1.89	--		2.083
1,1,2-Trichloroethane	ND	0.417	--	ND	2.28	--		2.083
Toluene	1.55	0.417	--	5.84	1.57	--		2.083
2-Hexanone	ND	0.417	--	ND	1.71	--		2.083
Dibromochloromethane	ND	0.417	--	ND	3.55	--		2.083
1,2-Dibromoethane	ND	0.417	--	ND	3.20	--		2.083
Tetrachloroethene	ND	0.417	--	ND	2.83	--		2.083
Chlorobenzene	ND	0.417	--	ND	1.92	--		2.083
Ethylbenzene	1.96	0.417	--	8.51	1.81	--		2.083

Project Name: GROSSINGERS
Project Number: 9313

Lab Number: L2237175
Report Date: 07/21/22

SAMPLE RESULTS

Lab ID: L2237175-07 D
Client ID: SMPV-13
Sample Location: LIBERTY, NY

Date Collected: 07/12/22 13:00
Date Received: 07/13/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	2.61	0.833	--	11.3	3.62	--		2.083
Bromoform	ND	0.417	--	ND	4.31	--		2.083
Styrene	ND	0.417	--	ND	1.78	--		2.083
1,1,2,2-Tetrachloroethane	ND	0.417	--	ND	2.86	--		2.083
o-Xylene	1.51	0.417	--	6.56	1.81	--		2.083
4-Ethyltoluene	ND	0.417	--	ND	2.05	--		2.083
1,3,5-Trimethylbenzene	ND	0.417	--	ND	2.05	--		2.083
1,2,4-Trimethylbenzene	ND	0.417	--	ND	2.05	--		2.083
Benzyl chloride	ND	0.417	--	ND	2.16	--		2.083
1,3-Dichlorobenzene	ND	0.417	--	ND	2.51	--		2.083
1,4-Dichlorobenzene	ND	0.417	--	ND	2.51	--		2.083
1,2-Dichlorobenzene	ND	0.417	--	ND	2.51	--		2.083
1,2,4-Trichlorobenzene	ND	0.417	--	ND	3.10	--		2.083
Hexachlorobutadiene	ND	0.417	--	ND	4.45	--		2.083

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	98		60-140

Project Name: GROSSINGERS
Project Number: 9313

Lab Number: L2237175
Report Date: 07/21/22

SAMPLE RESULTS

Lab ID: L2237175-07 D2
Client ID: SMPV-13
Sample Location: LIBERTY, NY

Date Collected: 07/12/22 13:00
Date Received: 07/13/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 07/21/22 08:24
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	596	3.33	--	2950	16.5	--		16.67

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	93		60-140
Bromochloromethane	91		60-140
chlorobenzene-d5	95		60-140

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2237175
Report Date: 07/21/22

SAMPLE RESULTS

Lab ID: L2237175-08
Client ID: SMPV-14
Sample Location: LIBERTY, NY

Date Collected: 07/12/22 13:34
Date Received: 07/13/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 07/21/22 03:53
Analyst: TS

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	8.19	0.200	--	40.5	0.989	--		1
Chloromethane	0.212	0.200	--	0.438	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	48.0	5.00	--	90.4	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	59.6	1.00	--	142	2.38	--		1
Trichlorofluoromethane	32.2	0.200	--	181	1.12	--		1
Isopropanol	2.68	0.500	--	6.59	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	14.3	0.500	--	43.4	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.308	0.200	--	0.959	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	1.93	0.500	--	5.69	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: GROSSINGERS
Project Number: 9313

Lab Number: L2237175
Report Date: 07/21/22

SAMPLE RESULTS

Lab ID: L2237175-08
Client ID: SMPV-14
Sample Location: LIBERTY, NY

Date Collected: 07/12/22 13:34
Date Received: 07/13/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	0.580	0.500	--	2.09	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	0.617	0.500	--	1.82	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	3.92	0.200	--	13.8	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	1.95	0.200	--	6.23	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	8.49	0.200	--	29.2	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	5.84	0.200	--	23.9	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	4.76	0.500	--	19.5	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	1.68	0.200	--	6.33	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	2.16	0.200	--	9.38	0.869	--		1

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2237175
Report Date: 07/21/22

SAMPLE RESULTS

Lab ID: L2237175-08
Client ID: SMPV-14
Sample Location: LIBERTY, NY

Date Collected: 07/12/22 13:34
Date Received: 07/13/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	2.81	0.400	--	12.2	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	1.72	0.200	--	7.47	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	0.384	0.200	--	1.89	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	95		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	99		60-140

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2237175
Report Date: 07/21/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 07/20/22 15:00

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-08 Batch: WG1665375-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2237175
Report Date: 07/21/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 07/20/22 15:00

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-08 Batch: WG1665375-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: GROSSINGERS
Project Number: 9313
Lab Number: L2237175
Report Date: 07/21/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 07/20/22 15:00

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-08 Batch: WG1665375-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Lab Control Sample Analysis
Batch Quality Control

Project Name: GROSSINGERS
Project Number: 9313

Lab Number: L2237175
Report Date: 07/21/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-08 Batch: WG1665375-3								
Dichlorodifluoromethane	106		-		70-130	-		
Chloromethane	89		-		70-130	-		
Freon-114	100		-		70-130	-		
Vinyl chloride	102		-		70-130	-		
1,3-Butadiene	94		-		70-130	-		
Bromomethane	101		-		70-130	-		
Chloroethane	100		-		70-130	-		
Ethanol	90		-		40-160	-		
Vinyl bromide	90		-		70-130	-		
Acetone	111		-		40-160	-		
Trichlorofluoromethane	102		-		70-130	-		
Isopropanol	96		-		40-160	-		
1,1-Dichloroethene	115		-		70-130	-		
Tertiary butyl Alcohol	119		-		70-130	-		
Methylene chloride	113		-		70-130	-		
3-Chloropropene	122		-		70-130	-		
Carbon disulfide	102		-		70-130	-		
Freon-113	116		-		70-130	-		
trans-1,2-Dichloroethene	107		-		70-130	-		
1,1-Dichloroethane	113		-		70-130	-		
Methyl tert butyl ether	95		-		70-130	-		
2-Butanone	98		-		70-130	-		
cis-1,2-Dichloroethene	114		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: GROSSINGERS
Project Number: 9313

Lab Number: L2237175
Report Date: 07/21/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-08 Batch: WG1665375-3								
Ethyl Acetate	114		-		70-130	-		
Chloroform	111		-		70-130	-		
Tetrahydrofuran	95		-		70-130	-		
1,2-Dichloroethane	106		-		70-130	-		
n-Hexane	98		-		70-130	-		
1,1,1-Trichloroethane	94		-		70-130	-		
Benzene	93		-		70-130	-		
Carbon tetrachloride	100		-		70-130	-		
Cyclohexane	98		-		70-130	-		
1,2-Dichloropropane	100		-		70-130	-		
Bromodichloromethane	96		-		70-130	-		
1,4-Dioxane	100		-		70-130	-		
Trichloroethene	97		-		70-130	-		
2,2,4-Trimethylpentane	99		-		70-130	-		
Heptane	85		-		70-130	-		
cis-1,3-Dichloropropene	100		-		70-130	-		
4-Methyl-2-pentanone	90		-		70-130	-		
trans-1,3-Dichloropropene	86		-		70-130	-		
1,1,2-Trichloroethane	99		-		70-130	-		
Toluene	99		-		70-130	-		
2-Hexanone	91		-		70-130	-		
Dibromochloromethane	102		-		70-130	-		
1,2-Dibromoethane	100		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: GROSSINGERS
Project Number: 9313

Lab Number: L2237175
Report Date: 07/21/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-08 Batch: WG1665375-3								
Tetrachloroethene	99		-		70-130	-		
Chlorobenzene	97		-		70-130	-		
Ethylbenzene	99		-		70-130	-		
p/m-Xylene	99		-		70-130	-		
Bromoform	105		-		70-130	-		
Styrene	100		-		70-130	-		
1,1,2,2-Tetrachloroethane	107		-		70-130	-		
o-Xylene	100		-		70-130	-		
4-Ethyltoluene	90		-		70-130	-		
1,3,5-Trimethylbenzene	95		-		70-130	-		
1,2,4-Trimethylbenzene	100		-		70-130	-		
Benzyl chloride	98		-		70-130	-		
1,3-Dichlorobenzene	102		-		70-130	-		
1,4-Dichlorobenzene	100		-		70-130	-		
1,2-Dichlorobenzene	104		-		70-130	-		
1,2,4-Trichlorobenzene	114		-		70-130	-		
Hexachlorobutadiene	101		-		70-130	-		

Lab Duplicate Analysis
Batch Quality Control

Project Name: GROSSINGERS
Project Number: 9313

Lab Number: L2237175
Report Date: 07/21/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1665375-5 QC Sample: L2237175-01 Client ID: SMPV-1						
Dichlorodifluoromethane	0.735	0.717	ppbV	2		25
Chloromethane	ND	ND	ppbV	NC		25
Freon-114	ND	ND	ppbV	NC		25
Vinyl chloride	ND	ND	ppbV	NC		25
1,3-Butadiene	ND	ND	ppbV	NC		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
Ethanol	126	156	ppbV	21		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	37.3	36.6	ppbV	2		25
Trichlorofluoromethane	1.05	1.02	ppbV	3		25
Isopropanol	3.57	3.37	ppbV	6		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
Tertiary butyl Alcohol	11.4	9.63	ppbV	17		25
Methylene chloride	0.920	0.746	ppbV	21		25
3-Chloropropene	ND	ND	ppbV	NC		25
Carbon disulfide	0.865	0.829	ppbV	4		25
Freon-113	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1-Dichloroethane	ND	ND	ppbV	NC		25
Methyl tert butyl ether	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: GROSSINGERS
Project Number: 9313

Lab Number: L2237175
Report Date: 07/21/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1665375-5 QC Sample: L2237175-01 Client ID: SMPV-1						
2-Butanone	1.06	1.03	ppbV	3		25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC		25
Ethyl Acetate	1.17	1.04	ppbV	12		25
Chloroform	ND	ND	ppbV	NC		25
Tetrahydrofuran	0.932	0.933	ppbV	0		25
1,2-Dichloroethane	ND	ND	ppbV	NC		25
n-Hexane	0.279	0.285	ppbV	2		25
1,1,1-Trichloroethane	ND	ND	ppbV	NC		25
Benzene	1.64	1.69	ppbV	3		25
Carbon tetrachloride	ND	ND	ppbV	NC		25
Cyclohexane	0.856	0.768	ppbV	11		25
1,2-Dichloropropane	ND	ND	ppbV	NC		25
Bromodichloromethane	ND	ND	ppbV	NC		25
1,4-Dioxane	ND	ND	ppbV	NC		25
Trichloroethene	ND	ND	ppbV	NC		25
2,2,4-Trimethylpentane	ND	ND	ppbV	NC		25
Heptane	0.317	0.292	ppbV	8		25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC		25
4-Methyl-2-pentanone	5.54	5.42	ppbV	2		25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC		25
1,1,2-Trichloroethane	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: GROSSINGERS
Project Number: 9313

Lab Number: L2237175
Report Date: 07/21/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1665375-5 QC Sample: L2237175-01 Client ID: SMPV-1						
Toluene	2.68	2.64	ppbV	2		25
2-Hexanone	ND	ND	ppbV	NC		25
Dibromochloromethane	ND	ND	ppbV	NC		25
1,2-Dibromoethane	ND	ND	ppbV	NC		25
Tetrachloroethene	ND	0.201	ppbV	NC		25
Chlorobenzene	ND	ND	ppbV	NC		25
Ethylbenzene	2.50	2.50	ppbV	0		25
p/m-Xylene	3.81	3.81	ppbV	0		25
Bromoform	ND	ND	ppbV	NC		25
Styrene	ND	ND	ppbV	NC		25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC		25
o-Xylene	2.01	1.99	ppbV	1		25
4-Ethyltoluene	ND	ND	ppbV	NC		25
1,3,5-Trimethylbenzene	ND	ND	ppbV	NC		25
1,2,4-Trimethylbenzene	0.387	0.387	ppbV	0		25
Benzyl chloride	ND	ND	ppbV	NC		25
1,3-Dichlorobenzene	ND	ND	ppbV	NC		25
1,4-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC		25
Hexachlorobutadiene	ND	ND	ppbV	NC		25

Project Name: GROSSINGERS

Project Number: 9313

Lab Number: L2237175

Report Date: 07/21/22

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2237175-01	SMPV-1	0717	Flow 1	07/08/22	391914		-	-	-	Pass	160	161	1
L2237175-01	SMPV-1	1626	6.0L Can	07/08/22	391914	L2231336-09	Pass	-28.9	-5.5	-	-	-	-
L2237175-02	SMPV-2	01083	Flow 1	07/08/22	391914		-	-	-	Pass	160	159	1
L2237175-02	SMPV-2	648	6.0L Can	07/08/22	391914	L2231336-09	Pass	-29.0	-8.5	-	-	-	-
L2237175-03	SMPV-3	0232	Flow 1	07/08/22	391914		-	-	-	Pass	160	160	0
L2237175-03	SMPV-3	1568	6.0L Can	07/08/22	391914	L2231336-10	Pass	-29.0	-8.2	-	-	-	-
L2237175-04	SMPV-10	0046	Flow 1	07/08/22	391914		-	-	-	Pass	160	160	0
L2237175-04	SMPV-10	2130	6.0L Can	07/08/22	391914	L2231336-09	Pass	-28.9	-9.1	-	-	-	-
L2237175-05	SMPV-11	0006	Flow 1	07/08/22	391914		-	-	-	Pass	160	157	2
L2237175-05	SMPV-11	2977	6.0L Can	07/08/22	391914	L2231336-09	Pass	-28.8	-8.9	-	-	-	-
L2237175-06	SMPV-12	01207	Flow 2	07/08/22	391914		-	-	-	Pass	160	159	1
L2237175-06	SMPV-12	3138	6.0L Can	07/08/22	391914	L2231336-09	Pass	-28.9	-7.8	-	-	-	-
L2237175-07	SMPV-13	02110	Flow 1	07/08/22	391914		-	-	-	Pass	160	162	1
L2237175-07	SMPV-13	2638	6.0L Can	07/08/22	391914	L2231336-08	Pass	-28.9	-7.9	-	-	-	-
L2237175-08	SMPV-14	0318	Flow 1	07/08/22	391914		-	-	-	Pass	160	158	1

Project Name: GROSSINGERS

Lab Number: L2237175

Project Number: 9313

Report Date: 07/21/22

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2237175-08	SMPV-14	1640	6.0L Can	07/08/22	391914	L2231336-10	Pass	-29.0	-8.1	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2231336
Report Date: 07/21/22

Air Canister Certification Results

Lab ID: L2231336-08
Client ID: CAN 3156 SHELF 55
Sample Location:

Date Collected: 06/14/22 09:00
Date Received: 06/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 06/15/22 22:37
Analyst: NL

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2231336
Report Date: 07/21/22

Air Canister Certification Results

Lab ID: L2231336-08
Client ID: CAN 3156 SHELF 55
Sample Location:

Date Collected: 06/14/22 09:00
Date Received: 06/14/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2231336
Report Date: 07/21/22

Air Canister Certification Results

Lab ID: L2231336-08
Client ID: CAN 3156 SHELF 55
Sample Location:

Date Collected: 06/14/22 09:00
Date Received: 06/14/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2231336
Report Date: 07/21/22

Air Canister Certification Results

Lab ID: L2231336-08
Client ID: CAN 3156 SHELF 55
Sample Location:

Date Collected: 06/14/22 09:00
Date Received: 06/14/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2231336
Report Date: 07/21/22

Air Canister Certification Results

Lab ID: L2231336-08
Client ID: CAN 3156 SHELF 55
Sample Location:

Date Collected: 06/14/22 09:00
Date Received: 06/14/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	89		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	88		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2231336
Report Date: 07/21/22

Air Canister Certification Results

Lab ID: L2231336-08
Client ID: CAN 3156 SHELF 55
Sample Location:

Date Collected: 06/14/22 09:00
Date Received: 06/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 06/15/22 22:37
Analyst: NL

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2231336
Report Date: 07/21/22

Air Canister Certification Results

Lab ID: L2231336-08
Client ID: CAN 3156 SHELF 55
Sample Location:

Date Collected: 06/14/22 09:00
Date Received: 06/14/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2231336
Report Date: 07/21/22

Air Canister Certification Results

Lab ID: L2231336-08
Client ID: CAN 3156 SHELF 55
Sample Location:

Date Collected: 06/14/22 09:00
Date Received: 06/14/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	89		60-140
bromochloromethane	95		60-140
chlorobenzene-d5	89		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2231336
Report Date: 07/21/22

Air Canister Certification Results

Lab ID: L2231336-09
Client ID: CAN 3286 SHELF 56
Sample Location:

Date Collected: 06/14/22 09:00
Date Received: 06/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 06/15/22 23:16
Analyst: NL

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2231336
Report Date: 07/21/22

Air Canister Certification Results

Lab ID: L2231336-09
Client ID: CAN 3286 SHELF 56
Sample Location:

Date Collected: 06/14/22 09:00
Date Received: 06/14/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2231336
Report Date: 07/21/22

Air Canister Certification Results

Lab ID: L2231336-09
Client ID: CAN 3286 SHELF 56
Sample Location:

Date Collected: 06/14/22 09:00
Date Received: 06/14/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2231336
Report Date: 07/21/22

Air Canister Certification Results

Lab ID: L2231336-09
Client ID: CAN 3286 SHELF 56
Sample Location:

Date Collected: 06/14/22 09:00
Date Received: 06/14/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2231336
Report Date: 07/21/22

Air Canister Certification Results

Lab ID: L2231336-09
Client ID: CAN 3286 SHELF 56
Sample Location:

Date Collected: 06/14/22 09:00
Date Received: 06/14/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	91		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	88		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2231336
Report Date: 07/21/22

Air Canister Certification Results

Lab ID: L2231336-09
Client ID: CAN 3286 SHELF 56
Sample Location:

Date Collected: 06/14/22 09:00
Date Received: 06/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 06/15/22 23:16
Analyst: NL

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2231336

Project Number: CANISTER QC BAT **Report Date:** 07/21/22

Air Canister Certification Results

Lab ID: L2231336-09
Client ID: CAN 3286 SHELF 56
Sample Location:

Date Collected: 06/14/22 09:00
Date Received: 06/14/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2231336
Report Date: 07/21/22

Air Canister Certification Results

Lab ID: L2231336-09
Client ID: CAN 3286 SHELF 56
Sample Location:

Date Collected: 06/14/22 09:00
Date Received: 06/14/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	90		60-140
bromochloromethane	96		60-140
chlorobenzene-d5	90		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2231336
Report Date: 07/21/22

Air Canister Certification Results

Lab ID: L2231336-10
Client ID: CAN 593 SHELF 58
Sample Location:

Date Collected: 06/14/22 09:00
Date Received: 06/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 06/15/22 23:54
Analyst: NL

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2231336
Report Date: 07/21/22

Air Canister Certification Results

Lab ID: L2231336-10
Client ID: CAN 593 SHELF 58
Sample Location:

Date Collected: 06/14/22 09:00
Date Received: 06/14/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2231336
Report Date: 07/21/22

Air Canister Certification Results

Lab ID: L2231336-10
Client ID: CAN 593 SHELF 58
Sample Location:

Date Collected: 06/14/22 09:00
Date Received: 06/14/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2231336
Report Date: 07/21/22

Air Canister Certification Results

Lab ID: L2231336-10
Client ID: CAN 593 SHELF 58
Sample Location:

Date Collected: 06/14/22 09:00
Date Received: 06/14/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2231336
Report Date: 07/21/22

Air Canister Certification Results

Lab ID: L2231336-10
Client ID: CAN 593 SHELF 58
Sample Location:

Date Collected: 06/14/22 09:00
Date Received: 06/14/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	91		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	88		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2231336
Report Date: 07/21/22

Air Canister Certification Results

Lab ID: L2231336-10
Client ID: CAN 593 SHELF 58
Sample Location:

Date Collected: 06/14/22 09:00
Date Received: 06/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 06/15/22 23:54
Analyst: NL

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2231336
Report Date: 07/21/22

Air Canister Certification Results

Lab ID: L2231336-10
Client ID: CAN 593 SHELF 58
Sample Location:

Date Collected: 06/14/22 09:00
Date Received: 06/14/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2231336
Report Date: 07/21/22

Air Canister Certification Results

Lab ID: L2231336-10
Client ID: CAN 593 SHELF 58
Sample Location:

Date Collected: 06/14/22 09:00
Date Received: 06/14/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	90		60-140
bromochloromethane	95		60-140
chlorobenzene-d5	89		60-140

Project Name: GROSSINGERS
Project Number: 9313

Lab Number: L2237175
Report Date: 07/21/22

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2237175-01A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2237175-02A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2237175-03A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2237175-04A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2237175-05A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2237175-06A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2237175-07A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2237175-08A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)

*Values in parentheses indicate holding time in days

Project Name:	GROSSINGERS	**Lab Number:**	L2237175
Project Number:	9313	**Report Date:**	07/21/22

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report

Project Name:	GROSSINGERS	**Lab Number:**	L2237175
Project Number:	9313	**Report Date:**	07/21/22

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

Report Format: Data Usability Report

Project Name:	GROSSINGERS	**Lab Number:**	L2237175
Project Number:	9313	**Report Date:**	07/21/22

Data Qualifiers

ND - Not detected at the reporting limit (RL) for the sample.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: Data Usability Report

REFERENCES

48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

AIR ANALYSIS

PAGE 1 OF 1

CHAIN OF CUSTODY

ALPHA ANALYTICAL
320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 7/14/22

ALPHA Job #: L2237175

Client Information

Client: SESI Consulting Engineers
Address: 12A Maple Ave
Pine Brook NJ
Phone:
Fax:
Email: SSG@SESI.ORG

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Grossingers
Project Location: Liberty, NY
Project #: 9313
Project Manager: Steve Gustems
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☐ EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

ANALYSIS

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	TO-15	TO-15 SIM	APH Subset Non-petroleum HCs	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
37175-01	SMPV-1	7/12/22	945	1015	-27.76	-3.56	SV	MEM	6L	1626	0717	X					
02	SMPV-2		1028	1058	-27.94	-6.25				648	01883						
03	SMPV-3		1005	~~1035~~ 1035	-24.74	-5.73				1568	0232						
04	SMPV-10		1132	1200	-28.06	-6.36				2130	0046						
05	SMPV-11		1202	1230	-28.22	-6.16				2971	0006						
06	SMPV-12		1100	1130	-27.78	-5.88				3138	02107						
07	SMPV-13		1233	1300	-27.77	-5.32				2638	02110						
08	SMPV-14		1305	1334	-28.09	-5.31				1640	0318						

*SAMPLE MATRIX CODES

AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions.
See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
MC(AAL)	7/12/22 1200	MC(AAL)	7-13-22 1200
	7/13-22 1800		7/13/22 2100
	7/13/22		7/13/22 2355
	7/14/22 0500		

Appendix E:

NYSDEC IC & EC Certification

Enclosure 2

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. **C353015**

Site Name Former Grossingers Resort

Site Address: Clements and Grossinger Roads Zip Code: 12754
City/Town: Liberty
County: Sullivan
Site Acreage: 18.170

Reporting Period: April 30, 2021 to April 30, 2022

	YES	NO
1. Is the information above correct?	X	☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	X
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	X
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	X
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	X

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Unrestricted, Residential, Restricted-Residential, Commercial, and Industrial	X	☐
7. Are all ICs in place and functioning as designed?	X	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

_____ _____

Box 2A

	YES	NO
8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?	☐	☒

If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.

9. Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years)	☒	☐

If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.

SITE NO. C353015 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
30-1-1.1 (portion of)	Sullivan Resorts, LLC	Ground Water Use Restriction Monitoring Plan Site Management Plan IC/EC Plan

The remedy is conditional track 1. The site meets unrestricted SCOs for soil. Residual VOCs and PFAS in groundwater must be addressed by a Site Management Plan.

The use of groundwater underlying the property is prohibited without treatment rendering it safe for intended use.

Evaluation of vapor intrusion with mitigation as required prior to the construction of new buildings on site.

Monitoring of on-site groundwater.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
30-1-1.1 (portion of)	Monitoring Wells

Groundwater will be monitored until residual concentrations of VOCs and PFAS meet Department standards. If VOCs and PFAS do not naturally attenuate, groundwater treatment will be required.

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
X	☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

   (a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
X	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

IC CERTIFICATIONS
SITE NO. C353015

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I KEVIN McMANUS at 7 RENAISSANCE SQ WHITE PLAINS, NY
print name print business address

am certifying as OWNER (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Signature of Owner, Remedial Party, or Designated Representative Rendering Certification

08/31/22
Date

EC CERTIFICATIONS

Box 7

Qualified Environmental Professional Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Fuad Dahan (print name) at SESI Consulting Engineers (print business address),

am certifying as a Qualified Environmental Professional for the Sullivan Resorts LLC (Owner or Remedial Party)

Signature of Qualified Environmental Professional, for the Owner or Remedial Party, Rendering Certification

Stamp (Required for PE)

8/24/2022
Date